

	Unaudited Balance July 1	Audit Adjustments/ Restatements	Audited Balance July 1	Increases	Decreases	Ending Balance June 30
Governmental Activities:						
Capital assets not being depreciated:						
Land	27,138,791.00		27,138,791.00	9,151,013.00		36,289,804.00
Work in Progress	54,143,225.00		54,143,225.00	47,648,780.00		101,792,005.00
Total capital assets not being depreciated	81,282,016.00	0.00	81,282,016.00	56,799,793.00	0.00	138,081,809.00
Capital assets being depreciated:						
Land Improvements	23,872,568.25		23,872,568.25	111,716.74		23,984,284.99
Buildings	226,780,152.00		226,780,152.00	180,100.53		226,960,252.53
Equipment	10,737,930.34		10,737,930.34	973,815.70		11,711,746.04
Total capital assets being depreciated	261,390,650.59	0.00	261,390,650.59	1,265,632.97	0.00	262,656,283.56
Accumulated Depreciation for:						
Land Improvements	(11,197,948.38)		(11,197,948.38)	(876,590.65)		(12,074,539.03)
Buildings	(40,655,280.12)		(40,655,280.12)	(3,949,021.08)		(44,604,301.20)
Equipment	(5,598,846.05)		(5,598,846.05)	(667,127.97)		(6,265,974.02)
Total accumulated depreciation	(57,452,074.55)	0.00	(57,452,074.55)	(5,492,739.70)	0.00	(62,944,814.25)
Total capital assets being depreciated, net	203,938,576.04	0.00	203,938,576.04	(4,227,106.73)	0.00	199,711,469.31
Governmental activity capital assets, net	285,220,592.04	0.00	285,220,592.04	52,572,686.27	0.00	337,793,278.31
Business-Type Activities:						
Capital assets not being depreciated:						
Land			0.00			0.00
Work in Progress			0.00			0.00
Total capital assets not being depreciated	0.00	0.00	0.00	0.00	0.00	0.00
Capital assets being depreciated:						
Land Improvements			0.00			0.00
Buildings			0.00			0.00
Equipment			0.00			0.00
Total capital assets being depreciated	0.00	0.00	0.00	0.00	0.00	0.00
Accumulated Depreciation for:						
Land Improvements			0.00			0.00
Buildings			0.00			0.00
Equipment			0.00			0.00
Total accumulated depreciation	0.00	0.00	0.00	0.00	0.00	0.00
Total capital assets being depreciated, net	0.00	0.00	0.00	0.00	0.00	0.00
Business-type activity capital assets, net	0.00	0.00	0.00	0.00	0.00	0.00

PART I - CURRENT EXPENSE FORMULA	Total Expense for Year (1)	EDP No.	Reductions (See Note 1) (2)	EDP No.	Current Expense of Education (Col 1 - Col 2) (3)	EDP No.	Reductions (Extracted) (See Note 2) (4a)	Reductions (Overrides)* (See Note 2) (4b)	EDP No.	Current Expense-Part II (Col 3 - Col 4) (5)	EDP No.
1000 - Certificated Salaries	87,402,408.14	301	26,787.41	303	87,375,620.73	305	172,240.07		307	87,203,380.66	309
2000 - Classified Salaries	30,688,747.94	311	636,290.69	313	30,052,457.25	315	765,288.22		317	29,287,169.03	319
3000 - Employee Benefits	48,432,653.11	321	4,579,754.49	323	43,852,898.62	325	361,482.79		327	43,491,415.83	329
4000 - Books, Supplies Equip Replace. (6500)	6,615,350.99	331	40,459.70	333	6,574,891.29	335	1,258,151.99		337	5,316,739.30	339
5000 - Services... & 7300 - Indirect Costs	21,560,997.54	341	397,741.25	343	21,163,256.29	345	8,312,908.65		347	12,850,347.64	349
TOTAL					189,019,124.18	365			TOTAL	178,149,052.46	369

Note 1 - In Column 2, report expenditures for the following programs: Nonagency (Goals 7100-7199), Community Services (Goal 8100), Food Services (Function 3700), Fringe Benefits for Retired Persons (Objects 3701-3702), and Facilities Acquisition & Construction (Function 8500).

Note 2 - In Column 4, report expenditures for: Transportation (Function 3600), Lottery Expenditures (Resource 1100), Special Education Students in Nonpublic Schools (Function 1180), and other federal or state categorical aid in which funds were granted for expenditures in a program not incurring any teacher salary expenditures or requiring disbursement of the funds without regard to the requirements of EC Section 41372.

* If an amount (even zero) is entered in any row of Column 4b or in Line 13b, the form uses only the values in Column 4b and Line 13b rather than the values in Column 4a and Line 13a.

PART II: MINIMUM CLASSROOM COMPENSATION (Instruction, Functions 1000-1999)		Object	EDP No.
1. Teacher Salaries as Per EC 41011.		1100	375
2. Salaries of Instructional Aides Per EC 41011.		2100	380
3. STRS.		3101 & 3102	382
4. PERS.		3201 & 3202	383
5. OASDI - Regular, Medicare and Alternative.		3301 & 3302	384
6. Health & Welfare Benefits (EC 41372) (Include Health, Dental, Vision, Pharmaceutical, and Annuity Plans).		3401 & 3402	385
7. Unemployment Insurance.		3501 & 3502	390
8. Workers' Compensation Insurance.		3601 & 3602	392
9. OPEB, Active Employees (EC 41372).		3751 & 3752	393
10. Other Benefits (EC 22310).		3901 & 3902	393
11. SUBTOTAL Salaries and Benefits (Sum Lines 1 - 10).			395
12. Less: Teacher and Instructional Aide Salaries and Benefits deducted in Column 2.			
13a. Less: Teacher and Instructional Aide Salaries and Benefits (other than Lottery) deducted in Column 4a (Extracted).			396
b. Less: Teacher and Instructional Aide Salaries and Benefits (other than Lottery) deducted in Column 4b (Overrides)*.			396
14. TOTAL SALARIES AND BENEFITS.			397
15. Percent of Current Cost of Education Expended for Classroom Compensation (EDP 397 divided by EDP 369) Line 15 must equal or exceed 60% for elementary, 55% for unified and 50% for high school districts to avoid penalty under provisions of EC 41372.			61.50%
16. District is exempt from EC 41372 because it meets the provisions of EC 41374. (If exempt, enter 'X')			

PART III: DEFICIENCY AMOUNT	
A deficiency amount (Line 5) is only applicable to districts not meeting the minimum classroom compensation percentage required under EC 41372 and not exempt under the provisions of EC 41374.	
1. Minimum percentage required (60% elementary, 55% unified, 50% high)	60.00%
2. Percentage spent by this district (Part II, Line 15)	61.50%
3. Percentage below the minimum (Part III, Line 1 minus Line 2)	0.00%
4. District's Current Expense of Education after reductions in columns 4a or 4b (Part I, EDP 369).	178,149,052.46
5. Deficiency Amount (Part III, Line 3 times Line 4)	0.00

PART IV: Explanation for adjustments entered in Part I, Column 4b (required)	

	Unaudited Balance July 1	Audit Adjustments/ Restatements	Audited Balance July 1	Increases	Decreases	Ending Balance June 30	Amounts Due Within One Year
Governmental Activities:							
General Obligation Bonds Payable	258,248,788.00	(455,000.00)	257,793,788.00	13,996,626.00	4,891,641.00	266,898,773.00	4,597,107.00
State School Building Loans Payable			0.00			0.00	
Certificates of Participation Payable	11,791,000.00		11,791,000.00		301,600.00	11,489,400.00	315,400.00
Capital Leases Payable			0.00			0.00	
Lease Revenue Bonds Payable			0.00			0.00	
Other General Long-Term Debt	3,963,691.00	1.00	3,963,692.00		295,021.00	3,668,671.00	292,131.00
Net Pension Liability	137,202,423.00	38,150,534.00	175,352,957.00			175,352,957.00	
Total/Net OPEB Liability	22,792,017.00	55,794,955.00	78,586,972.00			78,586,972.00	
Compensated Absences Payable	1,663,640.00		1,663,640.00	112,422.00		1,776,062.00	
Governmental activities long-term liabilities	435,661,559.00	93,490,490.00	529,152,049.00	14,109,048.00	5,488,262.00	537,772,835.00	5,204,638.00
Business-Type Activities:							
General Obligation Bonds Payable			0.00			0.00	
State School Building Loans Payable			0.00			0.00	
Certificates of Participation Payable			0.00			0.00	
Capital Leases Payable			0.00			0.00	
Lease Revenue Bonds Payable			0.00			0.00	
Other General Long-Term Debt			0.00			0.00	
Net Pension Liability			0.00			0.00	
Total/Net OPEB Liability			0.00			0.00	
Compensated Absences Payable			0.00			0.00	
Business-type activities long-term liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section I - Expenditures	Funds 01, 09, and 62			2017-18 Expenditures
	Goals	Functions	Objects	
A. Total state, federal, and local expenditures (all resources)	All	All	1000-7999	203,675,461.09
B. Less all federal expenditures not allowed for MOE (Resources 3000-5999, except 3385)	All	All	1000-7999	11,510,334.55
C. Less state and local expenditures not allowed for MOE: (All resources, except federal as identified in Line B)				
1. Community Services	All	5000-5999	1000-7999	1,126,461.04
2. Capital Outlay	All except 7100-7199	All except 5000-5999	6000-6999	6,610,183.20
3. Debt Service	All	9100	5400-5450, 5800, 7430-7439	570,956.75
4. Other Transfers Out	All	9200	7200-7299	0.00
5. Interfund Transfers Out	All	9300	7600-7629	461,555.00
6. All Other Financing Uses	All	9100	7699	0.00
		9200	7651	
7. Nonagency	7100-7199	All except 5000-5999, 9000-9999	1000-7999	121,663.24
8. Tuition (Revenue, in lieu of expenditures, to approximate costs of services for which tuition is received)	All	All	8710	57,529.00
9. Supplemental expenditures made as a result of a Presidentially declared disaster	Manually entered. Must not include expenditures in lines B, C1-C8, D1, or D2.			
10. Total state and local expenditures not allowed for MOE calculation (Sum lines C1 through C9)				8,948,348.23
D. Plus additional MOE expenditures:				
1. Expenditures to cover deficits for food services (Funds 13 and 61) (If negative, then zero)	All	All	1000-7143, 7300-7439 minus 8000-8699	316,054.40
2. Expenditures to cover deficits for student body activities	Manually entered. Must not include expenditures in lines A or D1.			
E. Total expenditures subject to MOE (Line A minus lines B and C10, plus lines D1 and D2)				183,532,832.71

Section II - Expenditures Per ADA		2017-18 Annual ADA/ Exps. Per ADA
A. Average Daily Attendance (Form A, Annual ADA column, sum of lines A6 and C9)		16,044.19
B. Expenditures per ADA (Line I.E divided by Line II.A)		11,439.21
Section III - MOE Calculation (For data collection only. Final determination will be done by CDE)		
	Total	Per ADA
A. Base expenditures (Preloaded expenditures from prior year official CDE MOE calculation). (Note: If the prior year MOE was not met, CDE has adjusted the prior year base to 90 percent of the preceding prior year amount rather than the actual prior year expenditure amount.)	183,678,264.45	11,301.80
1. Adjustment to base expenditure and expenditure per ADA amounts for LEAs failing prior year MOE calculation (From Section IV)	0.00	0.00
2. Total adjusted base expenditure amounts (Line A plus Line A.1)	183,678,264.45	11,301.80
B. Required effort (Line A.2 times 90%)	165,310,438.01	10,171.62
C. Current year expenditures (Line I.E and Line II.B)	183,532,832.71	11,439.21
D. MOE deficiency amount, if any (Line B minus Line C) (If negative, then zero)	0.00	0.00
E. MOE determination (If one or both of the amounts in line D are zero, the MOE requirement is met; if both amounts are positive, the MOE requirement is not met. If either column in Line A.2 or Line C equals zero, the MOE calculation is incomplete.)	MOE Met	
F. MOE deficiency percentage, if MOE not met; otherwise, zero (Line D divided by Line B) (Funding under ESSA covered programs in FY 2019-20 may be reduced by the lower of the two percentages)	0.00%	0.00%

SECTION IV - Detail of Adjustments to Base Expenditures (used in Section III, Line A.1)		
Description of Adjustments	Total Expenditures	Expenditures Per ADA
Total adjustments to base expenditures	0.00	0.00

	2017-18 Calculations			2018-19 Calculations		
	Extracted Data	Adjustments*	Entered Data/Totals	Extracted Data	Adjustments*	Entered Data/Totals
A. PRIOR YEAR DATA	2016-17 Actual			2017-18 Actual		
(2016-17 Actual Appropriations Limit and Gann ADA are from district's prior year Gann data reported to the CDE)						
1. FINAL PRIOR YEAR APPROPRIATIONS LIMIT (Preload/Line D11, PY column)	92,126,004.60		92,126,004.60			94,360,043.63
2. PRIOR YEAR GANN ADA (Preload/Line B3, PY column)	16,240.41		16,240.41			16,042.62
ADJUSTMENTS TO PRIOR YEAR LIMIT	Adjustments to 2016-17			Adjustments to 2017-18		
3. District Lapses, Reorganizations and Other Transfers						
4. Temporary Voter Approved Increases						
5. Less: Lapses of Voter Approved Increases						
6. TOTAL ADJUSTMENTS TO PRIOR YEAR LIMIT (Lines A3 plus A4 minus A5)			0.00			0.00
7. ADJUSTMENTS TO PRIOR YEAR ADA (Only for district lapses, reorganizations and other transfers, and only if adjustments to the appropriations limit are entered in Line A3 above)						
B. CURRENT YEAR GANN ADA	2017-18 P2 Report			2018-19 P2 Estimate		
(2017-18 data should tie to Principal Apportionment Software Attendance reports and include ADA for charter schools reporting with the district)						
1. Total K-12 ADA (Form A, Line A6)	16,042.62		16,042.62	16,042.62		16,042.62
2. Total Charter Schools ADA (Form A, Line C9)	0.00		0.00	0.00		0.00
3. TOTAL CURRENT YEAR P2 ADA (Line B1 plus B2)			16,042.62			16,042.62
C. LOCAL PROCEEDS OF TAXES/STATE AID RECEIVED	2017-18 Actual			2018-19 Budget		
TAXES AND SUBVENTIONS (Funds 01, 09, and 62)						
1. Homeowners' Exemption (Object 8021)	175,341.03		175,341.03	162,323.00		162,323.00
2. Timber Yield Tax (Object 8022)	0.00		0.00	4.00		4.00
3. Other Subventions/In-Lieu Taxes (Object 8029)	7,325.09		7,325.09	7,325.00		7,325.00
4. Secured Roll Taxes (Object 8041)	21,872,362.16		21,872,362.16	20,743,852.00		20,743,852.00
5. Unsecured Roll Taxes (Object 8042)	453,779.47		453,779.47	453,779.00		453,779.00
6. Prior Years' Taxes (Object 8043)	139,263.01		139,263.01	139,263.00		139,263.00
7. Supplemental Taxes (Object 8044)	1,133,114.69		1,133,114.69	730,815.00		730,815.00
8. Ed. Rev. Augmentation Fund (ERAF) (Object 8045)	183,670.03		183,670.03	1,003,069.00		1,003,069.00
9. Penalties and Int. from Delinquent Taxes (Object 8048)	0.00		0.00	0.00		0.00
10. Other In-Lieu Taxes (Object 8082)	0.00		0.00	0.00		0.00
11. Comm. Redevelopment Funds (objects 8047 & 8625)	2,767,517.71		2,767,517.71	1,623,975.00		1,623,975.00
12. Parcel Taxes (Object 8621)	0.00		0.00	0.00		0.00
13. Other Non-Ad Valorem Taxes (Object 8622) (Taxes only)	0.00		0.00	0.00		0.00
14. Penalties and Int. from Delinquent Non-LCFF Taxes (Object 8629) (Only those for the above taxes)	0.00		0.00	0.00		0.00
15. Transfers to Charter Schools in Lieu of Property Taxes (Object 8096)						
16. TOTAL TAXES AND SUBVENTIONS (Lines C1 through C15)	26,732,373.19	0.00	26,732,373.19	24,864,405.00	0.00	24,864,405.00
OTHER LOCAL REVENUES (Funds 01, 09, and 62)						
17. To General Fund from Bond Interest and Redemption Fund (Excess debt service taxes) (Object 8914)	0.00		0.00	0.00		0.00
18. TOTAL LOCAL PROCEEDS OF TAXES (Lines C16 plus C17)	26,732,373.19	0.00	26,732,373.19	24,864,405.00	0.00	24,864,405.00

	2017-18 Calculations			2018-19 Calculations		
	Extracted Data	Adjustments*	Entered Data/Totals	Extracted Data	Adjustments*	Entered Data/Totals
EXCLUDED APPROPRIATIONS						
19. Medicare (Enter federally mandated amounts only from objs. 3301 & 3302; do not include negotiated amounts)			1,779,743.00			1,703,693.00
OTHER EXCLUSIONS						
20. Americans with Disabilities Act						
21. Unreimbursed Court Mandated Desegregation Costs						
22. Other Unfunded Court-ordered or Federal Mandates						
23. TOTAL EXCLUSIONS (Lines C19 through C22)			1,779,743.00			1,703,693.00
STATE AID RECEIVED (Funds 01, 09, and 62)						
24. LCFF - CY (objects 8011 and 8012)	135,047,116.00		135,047,116.00	146,540,906.00		146,540,906.00
25. LCFF/Revenue Limit State Aid - Prior Years (Object 8019)	115,185.00		115,185.00	0.00		0.00
26. TOTAL STATE AID RECEIVED (Lines C24 plus C25)	135,162,301.00	0.00	135,162,301.00	146,540,906.00	0.00	146,540,906.00
DATA FOR INTEREST CALCULATION						
27. Total Revenues (Funds 01, 09 & 62; objects 8000-8799)	199,820,615.59		199,820,615.59	203,578,916.00		203,578,916.00
28. Total Interest and Return on Investments (Funds 01, 09, and 62; objects 8660 and 8662)	487,995.47		487,995.47	350,000.00		350,000.00
APPROPRIATIONS LIMIT CALCULATIONS						
D. PRELIMINARY APPROPRIATIONS LIMIT						
1. Revised Prior Year Program Limit (Lines A1 plus A6)			92,126,004.60			94,360,043.63
2. Inflation Adjustment			1.0369			1.0367
3. Program Population Adjustment (Lines B3 divided by [A2 plus A7]) (Round to four decimal places)			0.9878			1.0000
4. PRELIMINARY APPROPRIATIONS LIMIT (Lines D1 times D2 times D3)			94,360,043.63			97,823,057.23
APPROPRIATIONS SUBJECT TO THE LIMIT						
5. Local Revenues Excluding Interest (Line C18)			26,732,373.19			24,864,405.00
6. Preliminary State Aid Calculation						
a. Minimum State Aid in Local Limit (Greater of \$120 times Line B3 or \$2,400; but not greater than Line C26 or less than zero)			1,925,114.40			1,925,114.40
b. Maximum State Aid in Local Limit (Lesser of Line C26 or Lines D4 minus D5 plus C23; but not less than zero)			69,407,413.44			74,662,345.23
c. Preliminary State Aid in Local Limit (Greater of Lines D6a or D6b)			69,407,413.44			74,662,345.23
7. Local Revenues in Proceeds of Taxes						
a. Interest Counting in Local Limit (Line C28 divided by [Lines C27 minus C28] times [Lines D5 plus D6c])			235,364.29			171,404.56
b. Total Local Proceeds of Taxes (Lines D5 plus D7a)			26,967,737.48			25,035,809.56
8. State Aid in Proceeds of Taxes (Greater of Line D6a, or Lines D4 minus D7b plus C23; but not greater than Line C26 or less than zero)			69,172,049.15			74,490,940.67
9. Total Appropriations Subject to the Limit						
a. Local Revenues (Line D7b)			26,967,737.48			
b. State Subventions (Line D8)			69,172,049.15			
c. Less: Excluded Appropriations (Line C23)			1,779,743.00			
d. TOTAL APPROPRIATIONS SUBJECT TO THE LIMIT (Lines D9a plus D9b minus D9c)			94,360,043.63			

Part I - General Administrative Share of Plant Services Costs

California's indirect cost plan allows that the general administrative costs in the indirect cost pool may include that portion of plant services costs (maintenance and operations costs and facilities rents and leases costs) attributable to the general administrative offices. The calculation of the plant services costs attributed to general administration and included in the pool is standardized and automated using the percentage of salaries and benefits relating to general administration as proxy for the percentage of square footage occupied by general administration.

A. Salaries and Benefits - Other General Administration and Centralized Data Processing

- 1. Salaries and benefits paid through payroll (Funds 01, 09, and 62, objects 1000-3999 except 3701-3702)
(Functions 7200-7700, goals 0000 and 9000) 5,912,822.20
- 2. Contracted general administrative positions not paid through payroll
 - a. Enter the costs, if any, of general administrative positions performing services ON SITE but paid through a contract, rather than through payroll, in functions 7200-7700, goals 0000 and 9000, Object 5800. _____
 - b. If an amount is entered on Line A2a, provide the title, duties, and approximate FTE of each general administrative position paid through a contract. Retain supporting documentation in case of audit. _____

B. Salaries and Benefits - All Other Activities

- 1. Salaries and benefits paid through payroll (Funds 01, 09, and 62, objects 1000-3999 except 3701-3702)
(Functions 1000-6999, 7100-7180, & 8100-8400; Functions 7200-7700, all goals except 0000 & 9000) 156,300,135.08

C. Percentage of Plant Services Costs Attributable to General Administration

- (Line A1 plus Line A2a, divided by Line B1; zero if negative) (See Part III, Lines A5 and A6) 3.78%

Part II - Adjustments for Employment Separation Costs

When an employee separates from service, the local educational agency (LEA) may incur costs associated with the separation in addition to the employee's regular salary and benefits for the final pay period. These additional costs can be categorized as "normal" or "abnormal or mass" separation costs.

Normal separation costs include items such as pay for accumulated unused leave or routine severance pay authorized by governing board policy. Normal separation costs are not allowable as direct costs to federal programs, but are allowable as indirect costs. State programs may have similar restrictions. Where federal or state program guidelines required that the LEA charge an employee's normal separation costs to an unrestricted resource rather than to the restricted program in which the employee worked, the LEA may identify and enter these costs on Line A for inclusion in the indirect cost pool.

Abnormal or mass separation costs are those costs resulting from actions taken by an LEA to influence employees to terminate their employment earlier than they normally would have. Abnormal or mass separation costs include retirement incentives such as a Golden Handshake or severance packages negotiated to effect termination. Abnormal or mass separation costs may not be charged to federal programs as either direct costs or indirect costs. Where an LEA paid abnormal or mass separation costs on behalf of positions in general administrative functions included in the indirect cost pool, the LEA must identify and enter these costs on Line B for exclusion from the pool.

A. Normal Separation Costs (optional)

- Enter any normal separation costs paid on behalf of employees of restricted state or federal programs that were charged to an unrestricted resource (0000-1999) in funds 01, 09, and 62 with functions 1000-6999 or 8100-8400 rather than to the restricted program. These costs will be moved in Part III from base costs to the indirect cost pool. 217,116.23
Retain supporting documentation.

B. Abnormal or Mass Separation Costs (required)

- Enter any abnormal or mass separation costs paid on behalf of general administrative positions charged to unrestricted resources (0000-1999) in funds 01, 09, and 62 with functions 7200-7700. These costs will be moved in Part III from the indirect cost pool to base costs. If none, enter zero. 42,621.90

Part III - Indirect Cost Rate Calculation (Funds 01, 09, and 62, unless indicated otherwise)

A. Indirect Costs

1. Other General Administration, less portion charged to restricted resources or specific goals (Functions 7200-7600, objects 1000-5999, minus Line B9)	5,997,586.44
2. Centralized Data Processing, less portion charged to restricted resources or specific goals (Function 7700, objects 1000-5999, minus Line B10)	2,242,753.40
3. External Financial Audit - Single Audit (Function 7190, resources 0000-1999, goals 0000 and 9000, objects 5000-5999)	66,555.00
4. Staff Relations and Negotiations (Function 7120, resources 0000-1999, goals 0000 and 9000, objects 1000-5999)	0.00
5. Plant Maintenance and Operations (portion relating to general administrative offices only) (Functions 8100-8400, objects 1000-5999 except 5100, times Part I, Line C)	570,703.98
6. Facilities Rents and Leases (portion relating to general administrative offices only) (Function 8700, resources 0000-1999, objects 1000-5999 except 5100, times Part I, Line C)	0.00
7. Adjustment for Employment Separation Costs	
a. Plus: Normal Separation Costs (Part II, Line A)	217,116.23
b. Less: Abnormal or Mass Separation Costs (Part II, Line B)	42,621.90
8. Total Indirect Costs (Lines A1 through A7a, minus Line A7b)	9,052,093.15
9. Carry-Forward Adjustment (Part IV, Line F)	(1,490,677.96)
10. Total Adjusted Indirect Costs (Line A8 plus Line A9)	7,561,415.19

B. Base Costs

1. Instruction (Functions 1000-1999, objects 1000-5999 except 5100)	124,649,348.55
2. Instruction-Related Services (Functions 2000-2999, objects 1000-5999 except 5100)	22,676,733.34
3. Pupil Services (Functions 3000-3999, objects 1000-5999 except 5100)	13,631,112.57
4. Ancillary Services (Functions 4000-4999, objects 1000-5999 except 5100)	0.00
5. Community Services (Functions 5000-5999, objects 1000-5999 except 5100)	933,369.06
6. Enterprise (Function 6000, objects 1000-5999 except 5100)	0.00
7. Board and Superintendent (Functions 7100-7180, objects 1000-5999, minus Part III, Line A4)	2,798,684.50
8. External Financial Audit - Single Audit and Other (Functions 7190-7191, objects 5000-5999, minus Part III, Line A3)	0.00
9. Other General Administration (portion charged to restricted resources or specific goals only) (Functions 7200-7600, resources 2000-9999, objects 1000-5999; Functions 7200-7600, resources 0000-1999, all goals except 0000 and 9000, objects 1000-5999)	64,382.92
10. Centralized Data Processing (portion charged to restricted resources or specific goals only) (Function 7700, resources 2000-9999, objects 1000-5999; Function 7700, resources 0000-1999, all goals except 0000 and 9000, objects 1000-5999)	0.00
11. Plant Maintenance and Operations (all except portion relating to general administrative offices) (Functions 8100-8400, objects 1000-5999 except 5100, minus Part III, Line A5)	14,527,284.91
12. Facilities Rents and Leases (all except portion relating to general administrative offices) (Function 8700, objects 1000-5999 except 5100, minus Part III, Line A6)	0.00
13. Adjustment for Employment Separation Costs	
a. Less: Normal Separation Costs (Part II, Line A)	217,116.23
b. Plus: Abnormal or Mass Separation Costs (Part II, Line B)	42,621.90
14. Adult Education (Fund 11, functions 1000-6999, 8100-8400, and 8700, objects 1000-5999 except 5100)	0.00
15. Child Development (Fund 12, functions 1000-6999, 8100-8400, and 8700, objects 1000-5999 except 5100)	1,051,258.28
16. Cafeteria (Funds 13 and 61, functions 1000-6999, 8100-8400, and 8700, objects 1000-5999 except 5100)	9,739,490.79
17. Foundation (Funds 19 and 57, functions 1000-6999, 8100-8400, and 8700, objects 1000-5999 except 5100)	0.00
18. Total Base Costs (Lines B1 through B12 and Lines B13b through B17, minus Line B13a)	189,897,170.59

C. Straight Indirect Cost Percentage Before Carry-Forward Adjustment

(For information only - not for use when claiming/recovering indirect costs) (Line A8 divided by Line B18)	4.77%
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D. Preliminary Proposed Indirect Cost Rate

(For final approved fixed-with-carry-forward rate for use in 2019-20 see www.cde.ca.gov/fg/ac/ic/) (Line A10 divided by Line B18)	3.98%
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Part IV - Carry-forward Adjustment

The carry-forward adjustment is an after-the-fact adjustment for the difference between indirect costs recoverable using the indirect cost rate approved for use in a given year, and the actual indirect costs incurred in that year. The carry-forward adjustment eliminates the need for LEAs to file amended federal reports when their actual indirect costs vary from the estimated indirect costs on which the approved rate was based.

Where the ratio of indirect costs incurred in the current year is less than the estimated ratio of indirect costs on which the approved rate for use in the current year was based, the carry-forward adjustment is limited by using either the approved rate times current year base costs, or the highest rate actually used to recover costs from any program times current year base costs, if the highest rate used was less than the approved rate. Rates used to recover costs from programs are displayed in Exhibit A.

A. Indirect costs incurred in the current year (Part III, Line A8)	<u>9,052,093.15</u>
B. Carry-forward adjustment from prior year(s)	
1. Carry-forward adjustment from the second prior year	<u>1,059,946.01</u>
2. Carry-forward adjustment amount deferred from prior year(s), if any	<u>0.00</u>
C. Carry-forward adjustment for under- or over-recovery in the current year	
1. Under-recovery: Part III, Line A8, plus carry-forward adjustment from prior years, minus (approved indirect cost rate (6.11%) times Part III, Line B18); zero if negative	<u>0.00</u>
2. Over-recovery: Part III, Line A8, plus carry-forward adjustment from prior years, minus the lesser of (approved indirect cost rate (6.11%) times Part III, Line B18) or (the highest rate used to recover costs from any program (6.11%) times Part III, Line B18); zero if positive	<u>(1,490,677.96)</u>
D. Preliminary carry-forward adjustment (Line C1 or C2)	<u>(1,490,677.96)</u>
E. Optional allocation of negative carry-forward adjustment over more than one year	
Where a negative carry-forward adjustment causes the proposed approved rate to fall below zero or would reduce the rate at which the LEA could recover indirect costs to such an extent that it would cause the LEA significant fiscal harm, the LEA may request that the carry-forward adjustment be allocated over more than one year. Where allocation of a negative carry-forward adjustment over more than one year does not resolve a negative rate, the CDE will work with the LEA on a case-by-case basis to establish an approved rate.	
Option 1. Preliminary proposed approved rate (Part III, Line D) if entire negative carry-forward adjustment is applied to the current year calculation:	<u>3.98%</u>
Option 2. Preliminary proposed approved rate (Part III, Line D) if one-half of negative carry-forward adjustment (\$-745,338.98) is applied to the current year calculation and the remainder (\$-745,338.98) is deferred to one or more future years:	<u>4.37%</u>
Option 3. Preliminary proposed approved rate (Part III, Line D) if one-third of negative carry-forward adjustment (\$-496,892.65) is applied to the current year calculation and the remainder (\$-993,785.31) is deferred to one or more future years:	<u>4.51%</u>
LEA request for Option 1, Option 2, or Option 3	<u>1</u>
F. Carry-forward adjustment used in Part III, Line A9 (Line D minus amount deferred if Option 2 or Option 3 is selected)	<u>(1,490,677.96)</u>

Approved indirect cost rate: 6.11%
Highest rate used in any program: 6.11%

Fund	Resource	Eligible Expenditures (Objects 1000-5999 except Object 5100)	Indirect Costs Charged (Objects 7310 and 7350)	Rate Used
01	3010	3,773,577.20	230,565.57	6.11%
01	3310	2,049,254.52	125,209.45	6.11%
01	3311	5,463.43	333.82	6.11%
01	3315	121,035.41	7,395.26	6.11%
01	3320	411,857.77	25,164.51	6.11%
01	4035	559,365.11	34,177.21	6.11%
01	4201	21,381.41	1,306.40	6.11%
01	4203	1,118,327.66	22,366.55	2.00%
01	5640	491,871.92	30,053.37	6.11%
01	5810	1,279,023.16	78,148.32	6.11%
01	6010	794,977.80	39,748.89	5.00%
01	6230	48,497.92	2,963.22	6.11%
01	6264	555,803.12	33,961.69	6.11%
01	6510	315,198.73	19,258.64	6.11%
01	6515	7,561.21	461.99	6.11%
01	8150	4,825,482.61	294,552.47	6.10%
01	9010	1,711,779.13	56,513.30	3.30%
12	6105	1,035,194.28	63,250.37	6.11%
13	5310	9,077,937.01	476,591.69	5.25%
13	5320	201,589.65	10,583.46	5.25%
13	5330	89,082.51	4,676.83	5.25%
13	5370	370,881.62	19,471.28	5.25%

Unaudited Actuals
2017-18 Unaudited Actuals
LOTTERY REPORT
Revenues, Expenditures and
Ending Balances - All Funds

Description	Object Codes	Lottery: Unrestricted (Resource 1100)	Transferred to Other Resources for Expenditure	Lottery: Instructional Materials (Resource 6300)*	Totals
A. AMOUNT AVAILABLE FOR THIS FISCAL YEAR					
1. Adjusted Beginning Fund Balance	9791-9795	102.76		0.00	102.76
2. State Lottery Revenue	8560	2,621,801.74		997,127.19	3,618,928.93
3. Other Local Revenue	8600-8799	0.00		0.00	0.00
4. Transfers from Funds of Lapsed/Reorganized Districts	8965	0.00		0.00	0.00
5. Contributions from Unrestricted Resources (Total must be zero)	8980	0.00			0.00
6. Total Available (Sum Lines A1 through A5)		2,621,904.50	0.00	997,127.19	3,619,031.69
B. EXPENDITURES AND OTHER FINANCING USES					
1. Certificated Salaries	1000-1999	0.00			0.00
2. Classified Salaries	2000-2999	54,591.39			54,591.39
3. Employee Benefits	3000-3999	30,682.50			30,682.50
4. Books and Supplies	4000-4999	5,049.88		936,886.58	941,936.46
5. a. Services and Other Operating Expenditures (Resource 1100)	5000-5999	2,526,301.47			2,526,301.47
b. Services and Other Operating Expenditures (Resource 6300)	5000-5999, except 5100, 5710, 5800				
c. Duplicating Costs for Instructional Materials (Resource 6300)	5100, 5710, 5800			41,101.50	41,101.50
6. Capital Outlay	6000-6999	5,147.21			5,147.21
7. Tuition	7100-7199	0.00			0.00
8. Interagency Transfers Out					
a. To Other Districts, County Offices, and Charter Schools	7211,7212,7221, 7222,7281,7282	0.00			0.00
b. To JPAs and All Others	7213,7223, 7283,7299	0.00			0.00
9. Transfers of Indirect Costs	7300-7399				
10. Debt Service	7400-7499	0.00			0.00
11. All Other Financing Uses	7630-7699	0.00			0.00
12. Total Expenditures and Other Financing Uses (Sum Lines B1 through B11)		2,621,772.45	0.00	977,988.08	3,599,760.53
C. ENDING BALANCE (Must equal Line A6 minus Line B12)					
	979Z	132.05	0.00	19,139.11	19,271.16
D. COMMENTS: \$41,101.50 iPad instructional applications.					

Data from this report will be used to prepare a report to the Legislature as required by Control Section 24.60 of the Budget Act.

*Pursuant to Government Code Section 8880.4(a)(2)(B) and the definition in Education Code Section 60010(h), Resource 6300 funds are to be used for the purchase of instructional materials only. Any amounts in the shaded cells of this column should be reviewed for appropriateness.

Unaudited Actuals
2017-18
General Fund and Charter Schools Funds
Program Cost Report
Schedule of Allocation Factors (AF) for Support Costs

	----- Teacher Full-Time Equivalents -----				----- Classroom Units -----		Pupils Transported
	Instructional Supervision and Administration (Functions 2100-2200)	Library, Media, Technology and Other Instructional Resources (Functions 2420-2495)	School Administration (Function 2700)	Pupil Support Services (Functions 3100-3199 & 3900)	Plant Maintenance and Operations (Functions 8100-8400)	Facilities Rents and Leases (Function 8700)	Pupil Transportation (Function 3600)
A. Amount of Undistributed Expenditures, Funds 01, 09, and 62, Goals 0000 and 9000 (will be allocated based on factors input)	2,108,081.38	323,545.04	13,435,508.35	9,073,114.56	15,274,501.50	0.00	2,820,713.75
B. Enter Allocation Factor(s) by Goal: (Note: Allocation factors are only needed for a column if there are undistributed expenditures in line A.)	FTE Factor(s)	FTE Factor(s)	FTE Factor(s)	FTE Factor(s)	CU Factor(s)	CU Factor(s)	PT Factor(s)
Instructional Goals Description							
0001 Pre-Kindergarten							
1110 Regular Education, K-12	600.75	600.75	600.75	600.75	631.00	631.00	1,386.00
3100 Alternative Schools							
3200 Continuation Schools							
3300 Independent Study Centers							
3400 Opportunity Schools	3.00	3.00	3.00	3.00	3.00	3.00	
3550 Community Day Schools							
3700 Specialized Secondary Programs							
3800 Career Technical Education							
4110 Regular Education, Adult							
4610 Adult Independent Study Centers							
4620 Adult Correctional Education							
4630 Adult Career Technical Education							
4760 Bilingual	87.00	87.00	87.00	87.00	87.00	87.00	
4850 Migrant Education							
5000-5999 Special Education (allocated to 5001)	53.00	53.00	53.00	53.00	53.00	53.00	345.00
6000 ROC/P							
Other Goals Description							
7110 Nonagency - Educational							
7150 Nonagency - Other							
8100 Community Services	0.50	0.50	0.50	0.50	5.00	5.00	
8500 Child Care and Development Services							
Other Funds Description							
-- Adult Education (Fund 11)							
-- Child Development (Fund 12)	6.50	6.50	6.50	6.50	7.00	7.00	
-- Cafeteria (Funds 13 & 61)							
C. Total Allocation Factors	750.75	750.75	750.75	750.75	786.00	786.00	1,731.00

Unaudited Actuals
2017-18
General Fund and Charter Schools Funds
Program Cost Report

Goal	Program/Activity	----- Direct Costs -----			Central Admin Costs (col. 3 x Sch. CAC line E) Column 4	Other Costs (Schedule OC) Column 5	Total Costs by Program (col. 3 + 4 + 5) Column 6
		Direct Charged (Schedule DCC) Column 1	Allocated (Schedule AC) Column 2	Subtotal (col. 1 + 2) Column 3			
Instructional Goals							
0001	Pre-Kindergarten	80,752.88	0.00	80,752.88	4,685.76	85,438.64	
1110	Regular Education, K-12	105,829,206.07	34,478,063.23	140,307,269.30	8,141,459.45	148,448,728.75	
3100	Alternative Schools	0.00	0.00	0.00	0.00	0.00	
3200	Continuation Schools	0.00	0.00	0.00	0.00	0.00	
3300	Independent Study Centers	0.00	0.00	0.00	0.00	0.00	
3400	Opportunity Schools	306,675.79	157,960.96	464,636.75	26,960.98	491,597.73	
3550	Community Day Schools	0.00	0.00	0.00	0.00	0.00	
3700	Specialized Secondary Programs	0.00	0.00	0.00	0.00	0.00	
3800	Career Technical Education	0.00	0.00	0.00	0.00	0.00	
4110	Regular Education, Adult	0.00	0.00	0.00	0.00	0.00	
4610	Adult Independent Study Centers	0.00	0.00	0.00	0.00	0.00	
4620	Adult Correctional Education	0.00	0.00	0.00	0.00	0.00	
4630	Adult Career Technical Education	0.00	0.00	0.00	0.00	0.00	
4760	Bilingual	15,129,293.60	4,580,867.85	19,710,161.45	1,143,700.40	20,853,861.85	
4850	Migrant Education	0.00	0.00	0.00	0.00	0.00	
5000-5999	Special Education	18,926,981.47	3,352,830.95	22,279,812.42	1,292,806.78	23,572,619.20	
6000	Regional Occupational Ctr/Prg (ROC/P)	0.00	0.00	0.00	0.00	0.00	
Other Goals							
7110	Nonagency - Educational	116,072.92	0.00	116,072.92	6,735.24	122,808.16	
7150	Nonagency - Other	0.00	0.00	0.00	0.00	0.00	
8100	Community Services	1,172,641.33	113,776.26	1,286,417.59	74,645.57	1,361,063.16	
8500	Child Care and Development Services	0.00	0.00	0.00	0.00	0.00	
Other Costs							
----	Food Services					39,854.50	
----	Enterprise					0.00	
----	Facilities Acquisition & Construction					6,455,544.92	
----	Other Outgo					1,819,986.14	
Other Funds							
----	Adult Education, Child Development, Cafeteria, Foundation ([Column 3 + CAC, line C5] times CAC, line E)		351,965.36	351,965.36	646,566.34	998,531.70	
----	Indirect Cost Transfers to Other Funds (Net of Funds 01, 09, 62, Function 7210, Object 7350)				(574,573.63)	(574,573.63)	
----	Total General Fund and Charter Schools Funds Expenditures	141,561,624.06	43,035,464.61	184,597,088.67	10,762,986.89	8,315,385.56	
						203,675,461.12	

Unaudited Actuals
2017-18
General Fund and Charter Schools Funds
Program Cost Report
Schedule of Direct Charged Costs (DCC)

Goal	Type of Program	Instruction (Functions 1000-1999)	Instructional Supervision and Administration (Functions 2100-2200)	Library, Media, Technology and Other Instructional Resources (Functions 2420-2495)	School Administration (Function 2700)	Pupil Support Services (Functions 3110-3160 and 3900)	Pupil Transportation (Function 3600)	Ancillary Services (Functions 4000-4999)	Community Services (Functions 5000-5999)	General Administration (Functions 7000-7999, except 7210)*	Plant Maintenance and Operations (Functions 8100-8400)	Facilities Rents and Leases (Function 8700)	Total
Instructional Goals													
0001	Pre-Kindergarten	80,095.56	0.00	0.00	657.32	0.00	0.00	0.00			0.00	0.00	80,752.88
1110	Regular Education, K-12	98,685,659.00	2,113,014.35	2,782,181.23	102,322.18	2,146,029.31	0.00	0.00			0.00	0.00	105,829,206.07
3100	Alternative Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
3200	Continuation Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
3300	Independent Study Centers	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
3400	Opportunity Schools	306,675.79	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	306,675.79
3550	Community Day Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
3700	Specialized Secondary Programs	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
3800	Career Technical Education	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
4110	Regular Education, Adult	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
4610	Adult Independent Study Centers	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
4620	Adult Correctional Education	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
4630	Adult Career Technical Education	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
4760	Bilingual	13,910,970.31	812,897.66	290,014.63	12,011.00	101,190.60	0.00	0.00			2,209.40	0.00	15,129,293.60
4850	Migrant Education	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
5000-5999	Special Education	13,951,507.17	864,163.52	6,892.99	206,298.05	2,240,281.80	1,653,947.76	0.00			3,890.18	0.00	18,926,981.47
6000	ROC/P	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
Other Goals													
7110	Nonagency - Educational	49,639.95	31,523.90	8,044.76	17,185.47	0.00	0.00	0.00	0.00	0.00	9,678.84	0.00	116,072.92
7150	Nonagency - Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8100	Community Services		0.00	0.00	0.00	0.00	0.00		1,126,461.04	0.00	46,180.29	0.00	1,172,641.33
8500	Child Care and Development Services	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
Total Direct Charged Costs		126,984,547.78	3,821,599.43	3,087,133.61	338,474.02	4,487,501.71	1,653,947.76	0.00	1,126,461.04	0.00	61,958.71	0.00	141,561,624.06

* Functions 7100-7199 for goals 8100 and 8500

Unaudited Actuals
2017-18
General Fund and Charter Schools Funds
Program Cost Report
Schedule of Allocated Support Costs (AC)

Goal	Type of Program	Allocated Support Costs (Based on factors input on Form PCRAF)			Total
		Full-Time Equivalents	Classroom Units	Pupils Transported	
Instructional Goals					
0001	Pre-Kindergarten	0.00	0.00	0.00	0.00
1110	Regular Education, K-12	19,957,182.54	12,262,354.26	2,258,526.43	34,478,063.23
3100	Alternative Schools	0.00	0.00	0.00	0.00
3200	Continuation Schools	0.00	0.00	0.00	0.00
3300	Independent Study Centers	0.00	0.00	0.00	0.00
3400	Opportunity Schools	99,661.34	58,299.62	0.00	157,960.96
3550	Community Day Schools	0.00	0.00	0.00	0.00
3700	Specialized Secondary Programs	0.00	0.00	0.00	0.00
3800	Career Technical Education	0.00	0.00	0.00	0.00
4110	Regular Education, Adult	0.00	0.00	0.00	0.00
4610	Adult Independent Study Centers	0.00	0.00	0.00	0.00
4620	Adult Correctional Education	0.00	0.00	0.00	0.00
4630	Adult Career Technical Education	0.00	0.00	0.00	0.00
4760	Bilingual	2,890,178.75	1,690,689.10	0.00	4,580,867.85
4850	Migrant Education	0.00	0.00	0.00	0.00
5000-5999	Special Education (allocated to 5001)	1,760,683.61	1,029,960.02	562,187.32	3,352,830.95
6000	ROC/P	0.00	0.00	0.00	0.00
Other Goals					
7110	Nonagency - Educational	0.00	0.00	0.00	0.00
7150	Nonagency - Other	0.00	0.00	0.00	0.00
8100	Community Services	16,610.22	97,166.04	0.00	113,776.26
8500	Child Care and Development Svcs.	0.00	0.00	0.00	0.00
Other Funds					
--	Adult Education (Fund 11)		0.00		0.00
--	Child Development (Fund 12)	215,932.90	136,032.46	0.00	351,965.36
--	Cafeteria (Funds 13 and 61)		0.00		0.00
Total Allocated Support Costs		24,940,249.36	15,274,501.50	2,820,713.75	43,035,464.61

Unaudited Actuals
2017-18
Program Cost Report
Schedule of Central Administration Costs (CAC)

A. Central Administration Costs in General Fund and Charter Schools Funds		
1	Board and Superintendent (Funds 01, 09, and 62, Functions 7100-7180, Goals 0000-6999 and 9000, Objects 1000-7999)	2,798,684.50
2	External Financial Audits (Funds 01, 09, and 62, Functions 7190-7191, Goals 0000-6999 and 9000, Objects 1000-7999)	66,555.00
3	Other General Administration (Funds 01, 09, and 62, Functions 7200-7600 except 7210, Goal 0000, Objects 1000-7999)	6,101,817.35
4	Centralized Data Processing (Funds 01, 09, and 62, Function 7700, Goal 0000, Objects 1000-7999)	2,370,503.67
5	Total Central Administration Costs in General Fund and Charter Schools Funds	11,337,560.52
B. Direct Charged and Allocated Costs in General Fund and Charter Schools Funds		
1	Total Direct Charged Costs (from Form PCR, Column 1, Total)	141,561,624.06
2	Total Allocated Costs (from Form PCR, Column 2, Total)	43,035,464.61
3	Total Direct Charged and Allocated Costs in General Fund and Charter Schools Funds	184,597,088.67
C. Direct Charged Costs in Other Funds		
1	Adult Education (Fund 11, Objects 1000-5999, except 5100)	0.00
2	Child Development (Fund 12, Objects 1000-5999, except 5100)	1,051,258.28
3	Cafeteria (Funds 13 & 61, Objects 1000-5999, except 5100)	9,739,490.79
4	Foundation (Funds 19 & 57, Objects 1000-5999, except 5100)	0.00
5	Total Direct Charged Costs in Other Funds	10,790,749.07
D. Total Direct Charged and Allocated Costs (B3 + C5)		195,387,837.74
E. Ratio of Central Administration Costs to Direct Charged and Allocated Costs (A5/D)		5.80%

Unaudited Actuals
2017-18
General Fund and Charter Schools Funds
Program Cost Report
Schedule of Other Costs (OC)

Type of Activity	Food Services (Function 3700)	Enterprise (Function 6000)	Facilities Acquisition & Construction (Function 8500)	Other Outgo (Functions 9000-9999)	Total
Food Services (Objects 1000-5999, 6400, and 6500)	39,854.50				39,854.50
Enterprise (Objects 1000-5999, 6400, and 6500)		0.00			0.00
Facilities Acquisition & Construction (Objects 1000-6500)			6,455,544.92		6,455,544.92
Other Outgo (Objects 1000-7999)				1,819,986.14	1,819,986.14
Total Other Costs	39,854.50	0.00	6,455,544.92	1,819,986.14	8,315,385.56

SACS2018ALL Financial Reporting Software - 2018.2.0
9/5/2018 4:08:18 PM

56-72538-0000000

Unaudited Actuals
2018-19 Budget
Technical Review Checks

Oxnard Elementary

Ventura County

Following is a chart of the various types of technical review checks and related requirements:

- F - Fatal (Data must be corrected; an explanation is not allowed)
- W/WC - Warning/Warning with Calculation (If data are not correct, correct the data; if data are correct an explanation is required)
- O - Informational (If data are not correct, correct the data; if data are correct an explanation is optional, but encouraged)

IMPORT CHECKS

GENERAL LEDGER CHECKS

SUPPLEMENTAL CHECKS

EXPORT CHECKS

Checks Completed.

SACS2018ALL Financial Reporting Software - 2018.2.0
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Unaudited Actuals
2017-18 Unaudited Actuals
Technical Review Checks

Oxnard Elementary

Ventura County

Following is a chart of the various types of technical review checks and related requirements:

- F - Fatal (Data must be corrected; an explanation is not allowed)
- W/WC - Warning/Warning with Calculation (If data are not correct, correct the data; if data are correct an explanation is required)
- O - Informational (If data are not correct, correct the data; if data are correct an explanation is optional, but encouraged)

IMPORT CHECKS

GENERAL LEDGER CHECKS

SUPPLEMENTAL CHECKS

EXPORT CHECKS

Checks Completed.

BOARD AGENDA ITEM

Name of Contributor: Janet Penanhoat

Date of Meeting: 9/19/18

- STUDY SESSION _____
- CLOSED SESSION _____
- SECTION A-I: PRELIMINARY _____
- SECTION A-II: REPORTS _____
- SECTION B: HEARINGS _____
- SECTION C: CONSENT AGENDA Agreement Category:
 - _____ Academic
 - _____ Enrichment
 - _____ Special Education
 - _____ Support Services
 - _____ Personnel
 - _____ Legal
 - _____ Facilities

- SECTION D: ACTION _____
- SECTION F: BOARD POLICIES 1ST Reading _____ 2nd Reading _____

Resolution #18-12: Adoption of Appropriations Limit (GANN) & Appropriations Subject to the Limit for 2017-2018 and 2018-2019 (Penanhoat/Crandall Plasencia)

Proposition 4, better known as the Gann Amendment, was established in Statute of 1980 and requires California State and Local governments, including school districts, to establish yearly appropriation limits through a series of calculations. Since that time, various legislative changes have occurred that have reduced it to a paperwork process that, while mandated, has no fiscal impact on schools.

In accordance with Government Code Section 7906(f) and Article XIII B of the California Constitution, the District must adopt the appropriations limit for fiscal years 2017-2018 and 2018-2019.

FISCAL IMPACT

None.

RECOMMENDATION:

It is the recommendation of the Assistant Superintendent, Business & Fiscal Services, and the Director of Finance, that the Board of Trustees adopt the Appropriations Limit Resolution #18-12 for 2017-2018 and 2018-2019 as required by law.

ADDITIONAL MATERIAL

Attached: Resolution #18-12 (2 pages)
SACS Form GANN (3 pages)

OXNARD SCHOOL DISTRICT

**RESOLUTION FOR ADOPTION OF APPROPRIATIONS LIMIT (GANN)
AND
APPROPRIATIONS SUBJECT TO THE LIMIT FOR 2017-2018 AND 2018-2019**

RESOLUTION # 18-12

WHEREAS, in November of 1979, the California electorate did adopt Proposition 4; commonly called the Gann Amendment which added Article XIII B to the California Constitution; and

WHEREAS, the provisions of the Article establish maximum appropriation limits commonly called "Gann Limits" for public agencies, including school districts, and

WHEREAS, the District must establish and report to the Superintendent of Public Instruction and to the Director of Finance at least annually its appropriations limits, its appropriations subject to limitation, the amount of its State Aid apportionments and subventions included within the proceeds of taxes of the school district, and amounts excluded from its appropriations limit;

NOW, THEREFORE, BE IT RESOLVED, that this Board does provide public notice that the attached calculations and documentation of the revised Appropriation Limits and funds subject to the limit for the 2017-2018 fiscal year and the 2018-2019 fiscal year are made in accordance with applicable constitutional and statutory law, and that the estimated 2018-2019 appropriations limit of the Oxnard School District is \$97,823,057.23 and that the actual 2017-18 appropriations limit was \$94,360,043.63.

AND, BE IT FURTHER RESOLVED that this Board does hereby declare that the appropriations in the budget for the 2017-2018 and 2018-2019 fiscal years do not exceed the limitations imposed by Proposition 4;

AND, BE IT FURTHER RESOLVED that the Superintendent provide copies of this resolution, along with appropriate attachments to interested citizens of this district.

ADOPTED this 19th day of September, 2018.

President, Board of Trustees

Clerk, Board of Trustees

Member, Board of Trustees

Member, Board of Trustees

Member, Board of Trustees

STATE OF CALIFORNIA)

)ss

COUNTY OF VENTURA)

I, Ernie "Mo" Morrison, Clerk of the Board of Trustees of the Oxnard School District, do hereby certify that the foregoing Resolution #18-12 was adopted by the Board of Trustees of said district at a meeting of said Board held on the 19th day of September, 2018, and that it was so adopted by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____
Clerk of the Board of Trustees

	2017-18 Calculations			2018-19 Calculations		
	Extracted Data	Adjustments*	Entered Data/Totals	Extracted Data	Adjustments*	Entered Data/Totals
A. PRIOR YEAR DATA	2016-17 Actual			2017-18 Actual		
(2016-17 Actual Appropriations Limit and Gann ADA are from district's prior year Gann data reported to the CDE)						
1. FINAL PRIOR YEAR APPROPRIATIONS LIMIT (Preload/Line D11, PY column)	92,126,004.60		92,126,004.60			94,360,043.63
2. PRIOR YEAR GANN ADA (Preload/Line B3, PY column)	16,240.41		16,240.41			16,042.62
ADJUSTMENTS TO PRIOR YEAR LIMIT	Adjustments to 2016-17			Adjustments to 2017-18		
3. District Lapses, Reorganizations and Other Transfers						
4. Temporary Voter Approved Increases						
5. Less: Lapses of Voter Approved Increases						
6. TOTAL ADJUSTMENTS TO PRIOR YEAR LIMIT (Lines A3 plus A4 minus A5)			0.00			0.00
7. ADJUSTMENTS TO PRIOR YEAR ADA (Only for district lapses, reorganizations and other transfers, and only if adjustments to the appropriations limit are entered in Line A3 above)						
B. CURRENT YEAR GANN ADA	2017-18 P2 Report			2018-19 P2 Estimate		
(2017-18 data should tie to Principal Apportionment Software Attendance reports and include ADA for charter schools reporting with the district)						
1. Total K-12 ADA (Form A, Line A6)	16,042.62		16,042.62	16,042.62		16,042.62
2. Total Charter Schools ADA (Form A, Line C9)	0.00		0.00	0.00		0.00
3. TOTAL CURRENT YEAR P2 ADA (Line B1 plus B2)			16,042.62			16,042.62
C. LOCAL PROCEEDS OF TAXES/STATE AID RECEIVED	2017-18 Actual			2018-19 Budget		
TAXES AND SUBVENTIONS (Funds 01, 09, and 62)						
1. Homeowners' Exemption (Object 8021)	175,341.03		175,341.03	162,323.00		162,323.00
2. Timber Yield Tax (Object 8022)	0.00		0.00	4.00		4.00
3. Other Subventions/In-Lieu Taxes (Object 8029)	7,325.09		7,325.09	7,325.00		7,325.00
4. Secured Roll Taxes (Object 8041)	21,872,362.16		21,872,362.16	20,743,852.00		20,743,852.00
5. Unsecured Roll Taxes (Object 8042)	453,779.47		453,779.47	453,779.00		453,779.00
6. Prior Years' Taxes (Object 8043)	139,263.01		139,263.01	139,263.00		139,263.00
7. Supplemental Taxes (Object 8044)	1,133,114.69		1,133,114.69	730,815.00		730,815.00
8. Ed. Rev. Augmentation Fund (ERAF) (Object 8045)	183,670.03		183,670.03	1,003,069.00		1,003,069.00
9. Penalties and Int. from Delinquent Taxes (Object 8048)	0.00		0.00	0.00		0.00
10. Other In-Lieu Taxes (Object 8082)	0.00		0.00	0.00		0.00
11. Comm. Redevelopment Funds (objects 8047 & 8625)	2,767,517.71		2,767,517.71	1,623,975.00		1,623,975.00
12. Parcel Taxes (Object 8621)	0.00		0.00	0.00		0.00
13. Other Non-Ad Valorem Taxes (Object 8622) (Taxes only)	0.00		0.00	0.00		0.00
14. Penalties and Int. from Delinquent Non-LCFF Taxes (Object 8629) (Only those for the above taxes)	0.00		0.00	0.00		0.00
15. Transfers to Charter Schools in Lieu of Property Taxes (Object 8096)						
16. TOTAL TAXES AND SUBVENTIONS (Lines C1 through C15)	26,732,373.19	0.00	26,732,373.19	24,864,405.00	0.00	24,864,405.00
OTHER LOCAL REVENUES (Funds 01, 09, and 62)						
17. To General Fund from Bond Interest and Redemption Fund (Excess debt service taxes) (Object 8914)	0.00		0.00	0.00		0.00
18. TOTAL LOCAL PROCEEDS OF TAXES (Lines C16 plus C17)	26,732,373.19	0.00	26,732,373.19	24,864,405.00	0.00	24,864,405.00

	2017-18 Calculations			2018-19 Calculations		
	Extracted Data	Adjustments*	Entered Data/Totals	Extracted Data	Adjustments*	Entered Data/Totals
EXCLUDED APPROPRIATIONS						
19. Medicare (Enter federally mandated amounts only from objs. 3301 & 3302; do not include negotiated amounts)			1,779,743.00			1,703,693.00
OTHER EXCLUSIONS						
20. Americans with Disabilities Act						
21. Unreimbursed Court Mandated Desegregation Costs						
22. Other Unfunded Court-ordered or Federal Mandates						
23. TOTAL EXCLUSIONS (Lines C19 through C22)			1,779,743.00			1,703,693.00
STATE AID RECEIVED (Funds 01, 09, and 62)						
24. LCFF - CY (objects 8011 and 8012)	135,047,116.00		135,047,116.00	146,540,906.00		146,540,906.00
25. LCFF/Revenue Limit State Aid - Prior Years (Object 8019)	115,185.00		115,185.00	0.00		0.00
26. TOTAL STATE AID RECEIVED (Lines C24 plus C25)	135,162,301.00	0.00	135,162,301.00	146,540,906.00	0.00	146,540,906.00
DATA FOR INTEREST CALCULATION						
27. Total Revenues (Funds 01, 09 & 62; objects 8000-8799)	199,820,615.59		199,820,615.59	203,578,916.00		203,578,916.00
28. Total Interest and Return on Investments (Funds 01, 09, and 62; objects 8660 and 8662)	487,995.47		487,995.47	350,000.00		350,000.00
APPROPRIATIONS LIMIT CALCULATIONS						
D. PRELIMINARY APPROPRIATIONS LIMIT			2017-18 Actual			2018-19 Budget
1. Revised Prior Year Program Limit (Lines A1 plus A6)			92,126,004.60			94,360,043.63
2. Inflation Adjustment			1.0369			1.0367
3. Program Population Adjustment (Lines B3 divided by [A2 plus A7]) (Round to four decimal places)			0.9878			1.0000
4. PRELIMINARY APPROPRIATIONS LIMIT (Lines D1 times D2 times D3)			94,360,043.63			97,823,057.23
APPROPRIATIONS SUBJECT TO THE LIMIT						
5. Local Revenues Excluding Interest (Line C18)			26,732,373.19			24,864,405.00
6. Preliminary State Aid Calculation						
a. Minimum State Aid in Local Limit (Greater of \$120 times Line B3 or \$2,400; but not greater than Line C26 or less than zero)			1,925,114.40			1,925,114.40
b. Maximum State Aid in Local Limit (Lesser of Line C26 or Lines D4 minus D5 plus C23; but not less than zero)			69,407,413.44			74,662,345.23
c. Preliminary State Aid in Local Limit (Greater of Lines D6a or D6b)			69,407,413.44			74,662,345.23
7. Local Revenues in Proceeds of Taxes						
a. Interest Counting in Local Limit (Line C28 divided by [Lines C27 minus C28] times [Lines D5 plus D6c])			235,364.29			171,404.56
b. Total Local Proceeds of Taxes (Lines D5 plus D7a)			26,967,737.48			25,035,809.56
8. State Aid in Proceeds of Taxes (Greater of Line D6a, or Lines D4 minus D7b plus C23; but not greater than Line C26 or less than zero)			69,172,049.15			74,490,940.67
9. Total Appropriations Subject to the Limit						
a. Local Revenues (Line D7b)			26,967,737.48			
b. State Subventions (Line D8)			69,172,049.15			
c. Less: Excluded Appropriations (Line C23)			1,779,743.00			
d. TOTAL APPROPRIATIONS SUBJECT TO THE LIMIT (Lines D9a plus D9b minus D9c)			94,360,043.63			

OSD BOARD AGENDA ITEM

Name of Contributor: Janet Penanhoat

Date of Meeting: 09/19/18

STUDY SESSION _____
CLOSED SESSION _____
SECTION A-1: PRELIMINARY _____
SECTION A-II: REPORTS _____
SECTION B: HEARINGS _____
SECTION C: CONSENT AGENDA X

Agreement Category:
 Academic
 Enrichment
 Special Education
 Support Services
 Personnel
 Legal
 Facilities

SECTION D: ACTION _____
SECTION F: BOARD POLICIES 1ST Reading _____ 2nd Reading _____

Purchase Order/Draft Payment Report #18-02(Penanhoat/Franz)

The attached report contains the following for the Board's approval/ratification:

1. A listing of Purchase orders issued 7/26/2018 through 08/31/2018 for the 2018-2019 school year, for \$8,792,624.94.
2. No Draft Payments issued for 7/26/2018 through 08/31/2018 for the 2018-2019 school year.

RECOMMENDATION:

It is the recommendation of the Assistant Superintendent, Business & Fiscal Services, and the Director of Purchasing that the Board of Trustees approve Purchase Order/Draft Payment Report #18-02 as submitted.

ADDITIONAL MATERIAL(S):

Attached: Purchase Order/Draft Payment Report #18-02 (17 Pages)

Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-00809	Renaissance Palm Springs Hotel	ASES	CONF	592.64
P19-00821	Amazon Com	SAN MIGUEL	MATL/SUPP (iPads cases)	423.03
P19-00853	Amazon Com	Pupil Srvs	MATL/SUP	30.34
P19-00855	Div Of The State Architect	FACILITIES	DSA Fees / Haydock	500.00
P19-00857	COUNTY OF VENTURA CLERK & RECO RDER	FACILITIES	Fees / Mckinna	81.00
P19-00861	Uline	WAREHOUSE	Stores Supplies	634.83
P19-00862	El Pollo Norteno Inc	FREMONT	Materials and Supplies-Instructional	798.00
P19-00863	Smart And Final Iris Co	FREMONT	Materials and Supplies - parents	700.00
P19-00864	School Specialty Inc	SORIA	MATL/SUP (Instructional)	551.42
P19-00873	Pioneer Chemical Co	WAREHOUSE	Stores Supplies	694.55
P19-00874	Regency Lighting	WAREHOUSE	Stores Supplies	479.49
P19-00876	Veritiv Operating Company	WAREHOUSE	Stores Supplies	129.30
P19-00878	General Binding Corp.	FACILITIES	MAINT	472.16
P19-00884	School Serv Of Calif Inc	ED SERVICES	CONF	225.00
P19-00885	PEACHY DEV CA NORTH, LLC MAACO COLLISION REPAIR & AUTO	WAREHOUSE	Repairs	956.95
P19-00887	Karen L Anderson Supporting Su c for Children	Special Ed	CONF	540.00
P19-00889	Smart And Final Iris Co	FREMONT	Materials and Supplies / parent funtion	400.00
P19-00891	Office Depot Bus Ser Div	GRAPHICS	Materials and Supplies	26.70
P19-00892	Factory Express	GRAPHICS	Materials and Supplies	290.39
P19-00893	CURVATURE, INC CURVATURE LLC	MCKINNA	MATL/SUPL	136.85
P19-00905	ERGS AIM HOTEL REALTY LLC DOUB LETREE DANA POINT	BREKKE	TRAVEL & CONFERENCE/ADMIN	386.95
P19-00907	ERGS AIM HOTEL REALTY LLC DOUB LETREE DANA POINT	BREKKE	TRAVEL & CONFERENCE/ADMIN	193.47
P19-00908	Southwest Airlines	Special Ed	TRAVEL(AS-ECC PLANNING)	291.96
P19-00913	SHRED-IT USA LLC	MARINA	SRVC-Instruction	450.00
P19-00914	SHRED-IT USA LLC	RAMONA	SERV - INST	700.00
P19-00915	Smart And Final Iris Co	RITCHEN	MATL/SUP-Instructional	100.00
P19-00916	Costco Wholesale	RITCHEN	MATL/SUP-Parent Participation	75.00
P19-00917	General Binding Corp.	MCKINNA	MAINT-admin	526.44
P19-00920	RAMADA BY WYNDHAM SANTA BARBAR A	IT	CONF/TRAVEL	274.12
P19-00921	AMERICAN REGISTRY FOR INTERNET NUMBERS	IT	SERV	550.00
P19-00923	Smart And Final Iris Co	RITCHEN	MATL/SUP-Parent Participation	75.00
P19-00924	Costco Wholesale	RITCHEN	MATL/SUP-Instructional	150.00
P19-00925	Costco Wholesale	RITCHEN	MATL/SUP-Instructional	175.00
P19-00941	SHRED-IT USA LLC	SIERRA LINDA	serv - instructional	350.00
P19-00942	General Binding Corp.	SIERRA LINDA	MAINT-instruction	668.43
P19-00943	General Binding Corp.	HARRINGTON	MAINT-Instruction	631.72
P19-00948	CN School & Office Sol, Inc Cu Iver-Newlin	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	857.43
P19-00949	Petroleum Telcom Inc DBA Telecom	WAREHOUSE	Equipment	846.34
P19-00955	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	985.27

*** See the last page for criteria limiting the report detail.

The preceding Purchase Orders have been issued in accordance with the District's Purchasing Policy and authorization of the Board of Trustees. It is recommended that the preceding Purchase Orders be approved and that payment be authorized upon delivery and acceptance of the items ordered.

ESCAPE ONLINE

Page 1 of 8

Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-00956	Textbook Warehouse LLC Textbook Warehouse	ERC	Mat/Sup	919.58
P19-00961	Costco Wholesale	MCKINNA	matlsup-instructional	400.00
P19-00963	Amazon Com	RAMONA	MAT/SUPP (Instructional)	232.96
P19-00965	Amazon Com	ED SERVICES	MAT/SUPL-Books	607.50
P19-00973	Office Depot Bus Ser Div	HARRINGTON	MATERIALS & SUPPLIES INSTRUCTION	500.00
P19-00974	California School Boards Assoc	SUPERINTENDEN	Conf	325.00
P19-00975	Park Central Hotel San Francis co	SUPERINTENDEN	Conf and Travel	675.41
P19-00976	Southwest Airlines	BUSINESS	CONF	139.96
P19-00977	Jersey Mike's-Victoria Ave	KAMALA	Materials & Supplies-Inst	493.20
P19-00978	Home Depot Inc	MCKINNA	Materials/sup-Instructional	150.00
P19-00979	UNITED RECORDS MANAGEMENT	LEMONWOOD	SERV/INST	400.00
P19-00980	SHRED-IT USA LLC	KAMALA	SERV-OFFICE	600.00
P19-00981	Heinz Dispensing Solutions	CNS	supplies	356.74
P19-00982	Affordable Tables And Chairs,	ED SERVICES	Rental	216.00
P19-00984	Barnes And Noble	Pupil Srvs	BKS	103.28
P19-00985	Pro Ed	Special Ed	MAT/SUPL	281.42
P19-00986	WPS	Special Ed	MAT/SUPL	203.86
P19-00987	MHS Inc	Special Ed	MAT/SUPL	734.40
P19-00989	Pacific Northwest Publishing	Pupil Srvs	BKS	516.38
P19-00992	Smart And Final Iris Co	KAMALA	Materials & Supplies-Inst	264.40
P19-00993	Guitar Center	IT	MATL/SUP	300.00
P19-00994	Laser Toner & Computer Supply	BREKKE	MATL/SUPL-Admin	700.00
P19-00995	Ventura Co Office Of Education	IT	CONF (Admin)	120.00
P19-00996	Costco Wholesale	HARRINGTON	MATS & SUPPLIES INSTRUCTION	500.00
P19-00997	Smart And Final Iris Co	MCKINNA	materials/sup-Instructional	800.00
P19-00998	Laser Toner & Computer Supply	BREKKE	Mat/Sup-Instructional	700.00
P19-00999	Office Depot Bus Ser Div	BREKKE	Mat/ Supl Instructional	500.00
P19-01017	Action Sales	CNS	supplies	928.13
P19-01019	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	848.42
P19-01020	Smart And Final Iris Co	MARINA	MATL/SUPL-Admin	500.00
P19-01021	Affordable Tables And Chairs	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	81.00
P19-01023	Sams Club 6455	MARINA	MATL/SUPL-Admin	500.00
P19-01025	Lifetouch	MARSHALL	MATL/SUP - Instruction	537.89
P19-01026	Costco Wholesale	MARSHALL	MATL/SUP - Parent Participation	500.00
P19-01027	UPS - FREIGHT	SAN MIGUEL	Postage	300.00
P19-01028	Marie Callender's	MARINA	MATL/SUPL-Admin	712.46
P19-01029	Sams Club 6455	BREKKE	MATL/SUP- Admin All Day Prof. Dev.	161.63
P19-01032	Jersey Mike's-Oxnard Blvd	BREKKE	MAT/SUP-ADMIN	408.00
P19-01033	Costco Wholesale	RAMONA	MAT/SUPP (ADMIN)	646.50
P19-01034	INOCENTE GARCIA	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	600.00
P19-01035	Costco Wholesale	DRIFFILL	MATL/SUPP-instructional	437.75
P19-01054	El Pollo Norteno Inc	RAMONA	MAT/SUPP (ADMIN)	404.00
P19-01055	SHRED-IT USA LLC	ENGLISH LEARNE	Service	831.96
P19-01056	Ashton Awards Inc Aswell Troph y	SUPERINTENDEN	Mat & Sup	614.18

*** See the last page for criteria limiting the report detail.

The preceding Purchase Orders have been issued in accordance with the District's Purchasing Policy and authorization of the Board of Trustees. It is recommended that the preceding Purchase Orders be approved and that payment be authorized upon delivery and acceptance of the items ordered.

ESCAPE ONLINE

Page 2 of 8

Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01059	IMAGE APPAREL FOR BUSINESS	TRANSPORTATIO	SERV (18-19 TRANSPORTATION UNIFORMS)	657.34
P19-01060	Barnes And Noble	SUPERINTENDEN	BKS	420.23
P19-01062	Sams Club 6455	MCKINNA	matl/sup-instructional	400.00
P19-01064	Costco Wholesale	RITCHEN	MATL/SUP-Parent Participation	75.00
P19-01065	Costco Wholesale	RITCHEN	MATL/SUP-Instructional	150.00
P19-01067	Div Of The State Architect	FACILITIES	DSA Fees / Rose Ave	500.00
P19-01068	Grainger Inc	ERC	Mat/Sup	475.43
P19-01070	Smart And Final Iris Co	RITCHEN	MATL/SUP-Instructional	150.00
P19-01071	Smart And Final Iris Co	RITCHEN	MATL/SUP-Parent Participation	150.00
P19-01072	Oriental Trading Co Inc	MARSHALL	MATL/SUP - Instruction	333.86
P19-01073	Lakeshore Learning Materials-V	CHAVEZ	MATERIA;S AND SUPPLIES-INSTRUCTIONAL	122.22
P19-01075	ThinkWrite Technologies LLC	ENGLISH LEARNE	COMP SUPP	242.36
P19-01076	JENNIFER JONES HELLO LITERACY, INC	ED SERVICES	CONF LCAP 1.37	600.00
P19-01077	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	848.42
P19-01078	Teacher's Curriculum Institute	ERC	TextBk	727.31
P19-01082	IMAGE APPAREL FOR BUSINESS	WAREHOUSE	SERV (18-19 WAREHOUSE UNIFORMS)	606.48
P19-01088	Office Depot Bus Ser Div	FRANK	Mat/Sup - Office	147.61
P19-01091	Office Depot Bus Ser Div	RISK MGMT	Mats/Supls	193.92
P19-01093	Rio Elementary School Distri	BUSINESS	SERV	271.92
P19-01095	Office Depot Bus Ser Div	MARSHALL	MATL/SUP - Instruction	500.00
P19-01099	Lakeshore Learning Materials-V	Special Ed	MATL/SUP (OT)	952.07
P19-01100	Committee For Children	KAMALA	Online Subscription -Instructional	214.42
P19-01102	Houghton Mifflin Harcourt	Special Ed	MAT/SUPL	810.72
P19-01106	Guitar Center	MARSHALL	MATL/SUP - Instruction	86.19
P19-01111	CN School & Office Sol, Inc Cuiver-Newlin	MCAULIFFE	BOND/MATL-SUP (KIDNEY TABLE - MCA TLC)	252.38
P19-01112	Amazon Com	FACILITIES	Material and Supplies	651.18
P19-01113	Jersey Mike's-Victoria Ave	HAYDOCK	MATL/SUPPLY-Parent Participation	500.00
P19-01115	Southwest Airlines	ASES	CONF/TRAVEL	131.96
P19-01116	Southwest Airlines	HR	Conf-	177.79
P19-01117	Southwest Airlines	HR	Conf-	133.61
P19-01118	Dell Direct Sales Lp	HARRINGTON	MATS & SUPPLIES ADMIN	557.40
P19-01119	Amazon Com	LEMONWOOD	MAT/SUPPLIES (Instruction)	83.72
P19-01120	Amazon Com	RISK MGMT	ERGONOMIC MATERIALS AND SUPPLIES	278.76
P19-01121	Amazon Com	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	62.13
P19-01122	Lowe's	LEMONWOOD	MAT/SUPP (Instructional)	61.37
P19-01123	Amazon Com	ENGLISH LEARNE	MTLS/SUPP LCAP 1.37	440.76
P19-01124	Amazon Com	MCAULIFFE	MATL/SUPL-Admin	92.59
P19-01126	Amazon Com	ED SERVICES	MTLS/SUPP LCAP 1.37	622.85
P19-01127	Ventura Co Office Of Education	ROSE	TRAVEL & CONFERENCE - INSTRUCTIONAL	300.00
P19-01128	Panera Bread	HAYDOCK	MATL/SUPPLY-INSTRUCTION	862.00
P19-01129	Ventura Co Office Of Education	Special Ed	SERV (HH)	864.27

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01130	Amazon Com	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	135.73
P19-01131	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPP	87.27
P19-01132	Amazon Com	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	57.08
P19-01133	Ventura Co Office Of Education	ED SERVICES	CONF	175.00
P19-01136	Residence Inn Sacramento at Capitol Park	ASES	CONF	487.17
P19-01137	Lowe's	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	25.34
P19-01138	California School Boards Assoc	ED SERVICES	CONF	325.00
P19-01139	San Francisco Marriott Marquis Hotel	ED SERVICES	CONF	703.89
P19-01140	Ventura Co Office Of Education	HAYDOCK	CONF/INSTRUCTION	120.00
P19-01141	Office Depot Bus Ser Div	RISK MGMT	MATERIALS AND SUPPLIES	107.52
P19-01142	CROWNE PLAZA LA AIRPORT	ED SERVICES	CONF	834.42
P19-01143	RESIDENCE INN LONG BEACH	ED SERVICES	CONF	389.18
P19-01145	Uline	WAREHOUSE	Stores Supplies	697.44
P19-01146	Amazon Com	Special Ed	MATLS (J.ROBERTS TLC)	756.55
P19-01147	Amazon Com	Special Ed	MATLS (I. OLACHEA TLC)	324.70
P19-01148	Amazon Com	Special Ed	MATLS (TLC-CLASSROOMS)	222.26
P19-01149	Amazon Com	Special Ed	MATLS(DHH-L POWERS)	107.75
P19-01151	Solution Tree	FRANK	Books - Instructional	662.66
P19-01152	Amazon Com	LEMONWOOD	BOOKS (Instructional)	20.69
P19-01153	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPP (Instructional)	26.75
P19-01154	Pete's Road Service, Inc	FACILITIES	Prof Services	500.00
P19-01155	Home Depot Inc	RITCHEN	EQUIP-ADMIN	644.35
P19-01157	Varidesk, LLC	NFL	Mat/Sup	425.62
P19-01158	Harbor Freight Tools	FACILITIES	Misc Materials and Supplies	500.00
P19-01159	Varidesk, LLC	IT	MATL/SUP / EQUIP	797.37
P19-01164	School Health Corporation	Pupil Srvs	MATL/SUP	66.09
P19-01165	Rochester 100, Inc	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	290.93
P19-01167	Californians Together	ED SERVICES	CONF	450.00
P19-01172	Pioneer Chemical Co	WAREHOUSE	Stores Supplies	416.35
P19-01175	Teachers Pay Teachers	Special Ed	MATLS (J. ROBERTS TLC)	42.01
P19-01176	Decker Equipment	KAMALA	Materials & Supplies-Admin	23.00
P19-01177	Pacific Northwest Publishing	Pupil Srvs	Books	903.66
P19-01179	Demco Inc	SORIA	MATL/SUP (Instructional)	95.12
P19-01186	Office Depot Bus Ser Div	MCKINNA	Materials & Supplies-Instructional	526.47
P19-01188	Amazon Com	LEMONWOOD	MAT/SUPPLIES	58.81
P19-01199	Lakeshore Learning Materials-V	MCKINNA	Materials & Supplies-Instructional	50.00
P19-01202	School Specialty Inc	RITCHEN	MATL/SUP-Instructional	298.96
P19-01205	UNITED RECORDS MANAGEMENT	PURCHASING	SERV	940.00
P19-01210	Marriott Bakersfield	Special Ed	TRAVEL & CONF(M. HAUN)	738.26
P19-01211	Gold Coast Transit	Pupil Srvs	MATL/SUP	700.00
P19-01216	KULLY SUPPLY INC	FACILITIES	Plumbing Materials and Supplies	108.72
P19-01218	MARIE GRACE GREGORIO-OVIEDO	ED SERVICES	MSAP SERV	510.00

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01219	Lakeshore Learning Materials-V	ED SERVICES	MATL/SUP	978.08
P19-01221	Grainger Inc	WAREHOUSE	Stores Supplies	701.50
P19-01224	Superior Sanitary Supplies	WAREHOUSE	Stores Supplies	437.68
P19-01230	Smart And Final Iris Co	DISTRICT OFFICE	MSAP	161.63
P19-01234	Amazon Com	RITCHEN	MAT/SUP-Instructional	208.41
P19-01235	Walmart	Pupil Srvs	MATL/SUP	100.00
P19-01236	Amazon Com	LEMONWOOD	MAT/SUPP (Instructional)	26.71
P19-01238	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPP(Instruction)	683.47
P19-01240	Rochester 100, Inc	SORIA	MATL/SUP(Instructional) Goal 1 Action 44	167.28
P19-01241	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPP (Instruction)	139.16
P19-01243	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPPLIES (Instruction)	78.87
P19-01244	Amazon Com	SORIA	MATL/SUP (Instructional)	254.33
P19-01245	NETWORK CRAZE TECHNOLOGIES INC	HAYDOCK	MATL/SUPPLY-INSTRUCTION	123.91
P19-01248	Ashton Awards Inc Aswell Troph y	Special Ed	MATLS/SUPPL	500.00
P19-01249	Exceptional Teaching Inc	DRIFFILL	MATLS (C. JONES)	512.89
P19-01250	Monster Technology LLC	LEMONWOOD	MAT/SUPPLIES (Admin)	30.47
P19-01252	EVENTBRITE, INC	ED SERVICES	CONF	772.74
P19-01260	Office Depot Bus Ser Div	NFL	Mat/Sup	215.79
P19-01261	Lakeshore Learning Materials-V	NFL	Mat/Sup	419.15
P19-01262	Amazon Com	NFL	Mat/Sup	356.80
P19-01263	California School Boards Assoc	ED SERVICES	CONF	540.00
P19-01264	CONTROLTEC INC	NFL	Maintenance	468.66
P19-01265	Department Of Social Services	NFL	SERV	242.00
P19-01266	Amazon Com	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	72.57
P19-01267	General Binding Corp.	ELM	MAINT	573.69
P19-01275	Amazon Com	FACILITIES	Materials and Supplies	71.10
P19-01276	Amazon Com	HAYDOCK	MATERIALS/SUPPLY-INSTRUCTION	488.32
P19-01278	VISALIA MARRIOTT	ASES	CONF	223.38
P19-01279	Amazon Com	MARINA	MATL/SUPL-Instructional	73.92
P19-01280	Amazon Com	DRIFFILL	matl/supp-instructional	454.36
P19-01283	Search Institute	ASES	MTRL/SUPL	54.36
P19-01284	Amazon Com	MARSHALL	MATL/SUP - Instruction	32.29
P19-01287	Amazon Com	MARSHALL	MATL/SUP - Instruction	52.89
P19-01288	Amazon Com	FREMONT	Materials and Supplies Instructional	333.95
P19-01289	Amazon Com	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	498.73
P19-01290	Datam SF, LLC Hotel Nikko San Francisco	BUSINESS	CONF	856.69
P19-01291	Dell Direct Sales Lp	SAN MIGUEL	MATL/SUPP (Bldg 4)	992.77
P19-01292	Amazon Com	RAMONA	Mat/Supp (instructional)	64.33
P19-01293	Uline	MCAULIFFE	MATL/SUPL-Instructional	987.80
P19-01294	Forbess Consulting Group, Inc FCG Environmental	FACILITIES	Prof Service / Def Main / Fremont	720.00
P19-01295	Lowe's	ASES	MTRL/SUPL	400.00
P19-01296	Home Depot Inc	ASES	MATLS/SUP	400.00
P19-01297	Amazon Com	MCAULIFFE	MATL/SUPL-Admin	133.52
P19-01298	Amazon Com	MCAULIFFE	MATL/SUPL-Instructional	292.94
P19-01299	Amazon Com	MCAULIFFE	MATL/SUPL-Instructional	96.76

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01300	Amazon Com	MCAULIFFE	MATL/SUPL-Instructional	460.87
P19-01301	Amazon Com	MCAULIFFE	MATL/SUPL-Instructional	49.26
P19-01302	California Electric Company	FACILITIES	Prof Service / Def Maint / Haydock	342.00
P19-01303	Amazon Com	LEMONWOOD	MAT/SUPP (Admin)	38.74
P19-01304	Calif City School Sup	SUPERINTENDEN	Conf	175.00
P19-01305	Office Depot Bus Ser Div	LEMONWOOD	MAT/SUPPLIES (Admin)	354.98
P19-01306	Sacramento Co Office Of Ed	ED SERVICES	CONF	150.00
P19-01307	Staples Direct	NFL	Mat/Sup	106.16
P19-01308	MARIE GRACE GREGORIO-OVIEDO	ED SERVICES	MSAP SERV	510.00
P19-01309	MARIE GRACE GREGORIO-OVIEDO	ED SERVICES	MSAP SERV	510.00
P19-01313	Textbook Warehouse LLC Textboo k Warehouse	ERC	TextBk	821.06
P19-01314	CURVATURE, INC CURVATURE LLC	MARSHALL	MATL/SUP - Instruction	91.59
P19-01316	Lakeshore Learning Materials-V	KAMALA	Materials & Supplies-Inst	516.12
P19-01320	Oriental Trading Co Inc	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	277.29
P19-01321	Petroleum Telcom Inc DBA Telec om	MARSHALL	MATL/SUP - Instruction	312.48
P19-01323	Oriental Trading Co Inc	MCKINNA	Materials & Supplies-Instructional	64.59
P19-01324	CAHPERD 1	HAYDOCK	CONF/INSTRUCTION	42.00
P19-01325	Vendurance Inc	SORIA	SERV (Instructional)	300.00
P19-01326	Scholastic Inc	SORIA	MATL/SUP (Instructional)	19.00
P19-01327	ACSA/FEA	HR	Travel	628.00
P19-01328	Santa Barbara Botanic Garden	LEMONWOOD	SERV - Instructional	187.50
P19-01330	FOLLETT SCHOOL SOLUTIONS, INC	SORIA	COMP/SUP (admin)	268.30
P19-01331	OfficeSupply.com	MCKINNA	Mat/sup-insturctional	71.38
P19-01332	PENNY E. HENSCHER EVER AFTER	MCAULIFFE	SERV-Discretionary	375.00
P19-01333	School Specialty Inc	RITCHEN	MATL/SUP-Instructional	101.25
P19-01334	Scholastic Inc	FRANK	Mat/Sup - Instructional	929.51
P19-01335	Ebsco Subscription Serv	FRANK	Mat/Sup -Instructional	209.68
P19-01336	Reliable Floor Covering Co	FACILITIES	Prof Service / Def Maint / Fremont	960.00
P19-01337	Mystery Science Inc	MCAULIFFE	SOFT-Instructional	749.00
P19-01339	NETWORK CRAZE TECHNOLOGIES INC	SORIA	MATL/SUP (Instructional)	91.59
P19-01342	Gopher Sport	SORIA	MATL/SUP (Instructional)	450.16
P19-01344	Oriental Trading Co Inc	MCAULIFFE	MATL/SUPL-Instructional	143.20
P19-01345	Veritiv Operating Company	FACILITIES	Custodial Supplies	426.00
P19-01347	Lakeshore Learning Materials-V	NFL	Mat/Sup	232.69
P19-01354	Office Depot Bus Ser Div	DRIFFILL	MATL/SUPP-instructional	398.59
P19-01355	Amazon Com	DRIFFILL	mat/supp-instructional	173.18
P19-01356	Costco Wholesale	DRIFFILL	MATL/SUPP-instructional	323.25
P19-01357	Ventura Co Office Of Education	MARSHALL	BKS - Instruction	323.25
P19-01359	Sams Club 6455	FRANK	Mat/Sup - Instructional	431.00
P19-01360	Therapy Shoppe Inc	MARSHALL	MATL/SUP - Instruction	113.11
P19-01361	Amazon Com	LEMONWOOD	BOOKS (Instructional)	137.12

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01363	Amazon Com	LEMONWOOD	MAT/SUPPLIES (Instructional)	14.00
P19-01364	Amazon Com	LEMONWOOD	MAT/SUPPLIES (Instructional)	83.17
P19-01365	Amazon Com	ASES	MTRL/SUPL	118.31
P19-01366	Staples Direct	Pupil Srvs	MATL/SUP	113.25
P19-01367	Office Depot Bus Ser Div	BUSINESS	MATL/SUP	94.81
P19-01368	Lakeshore Learning Materials-V	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	77.55
P19-01370	Creative Teaching Press	KAMALA	Materials & Supplies-Inst	823.80
P19-01373	School Specialty Inc	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	119.53
P19-01375	S & S WORLDWIDE, INC	MCAULIFFE	MAT/SUIPL-Instructional	203.37
P19-01377	Really Good Stuff	LEMONWOOD	MAT/SUPPLIES (Instruction)	36.61
P19-01379	CANON SOLUTIONS AMERICA INC	GRAPHICS	Materials and supplies	819.98
Total Number of POs			263	Total
				100,124.36

Fund Recap

Fund	Description	PO Count	Amount
010	GENERAL FUND	252	94,847.83
120	CHILD DEVELOPMENT FUND	3	1,136.28
130	CAFETERIA FUND	2	1,284.87
140	DEFERRED MAINTENANCE FUND	4	2,522.00
214	BOND FUND MEASURE D 2016	2	333.38
Total Fiscal Year 2019			100,124.36
Total			100,124.36

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Changes

	<u>New PO Amount</u>	<u>Fund/ Object</u>	<u>Description</u>	<u>Change Amount</u>
P18-04601	782,815.24	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTR/	120,918.36-
P18-04603	835,219.54	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTR/	43,444.77-
P19-00006	25,977.79	214-4300	BOND FUND MEASURE D 2016/MATERIALS AND SUPPL	284.67
P19-00383	1,280.00	130-4300	CAFETERIA FUND/MATERIALS AND SUPPLIES	80.00
P19-00576	300.00	010-4300	GENERAL FUND/MATERIALS AND SUPPLIES	165.31
P19-00691	428.88	010-5800	GENERAL FUND/PROFESSIONAL/CONSULTING SERV	53.88
P19-00774	1,186.79	010-4300	GENERAL FUND/MATERIALS AND SUPPLIES	516.12-
P19-00833	1,000.00	010-4300	GENERAL FUND/MATERIALS AND SUPPLIES	75.34-
P19-00906	1,165.00	130-5800	CAFETERIA FUND/PROFESSIONAL/CONSULTING SERV	215.00
			Total PO Changes	164,155.73-

Information is further limited to: (Maximum Amount = 999.99)

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
NP19-00003	Gold Star Foods	CNS	stores	31,885.29
NP19-00004	P And R Paper Supply Co	CNS	stores	3,158.61
NP19-00005	Gold Star Foods	CNS	stores	9,126.23
NP19-00006	Gold Star Foods	CNS	stores	34,569.65
NP19-00007	P And R Paper Supply Co	CNS	stores	7,955.88
NP19-00008	P And R Paper Supply Co	CNS	stores	1,102.20
NP19-00009	Gold Star Foods	CNS	stores	60,720.65
NP19-00010	P And R Paper Supply Co	CNS	stores	9,529.85
NP19-00011	Gold Star Foods	CNS	stores	62,122.39
P19-00477	Office Depot Bus Ser Div	ED SERVICES	MATL/SUPL	2,531.22
P19-00591	Mobile Modular Management	FACILITIES	Rent Lease, Haydock	14,976.00
P19-00851	Welcome Sacramento, LLC Courtyard Marriott Sacramento	HR	CONF/TRAVEL	2,533.35
P19-00852	Embassy Suites San Diego Bay	DRIFFILL	conf-instructional	2,519.07
P19-00854	CASBO	RISK MGMT	Membership	3,000.00
P19-00856	Office Depot Bus Ser Div	CHAVEZ	MATERIALS AND SUPPLIES-INSTRUCTIONAL	6,000.00
P19-00858	TYCO FIRE & SECURITY MNGMNT JO HNSON CONT. FIRE PROTECTION	FACILITIES	Repairs	1,500.00
P19-00859	Hyatt Regency Monterey	BUSINESS	CONF	1,011.94
P19-00860	KAREN A BEEMAN dba/CENTER FOR TEACHING FOR BILITERACY, LLC	SORIA	CONF	1,500.00
P19-00865	Food Safety Systems	CNS	services	44,400.00
P19-00866	FoodCorp Inc	CNS	other services	7,500.00
P19-00867	Pearson	Special Ed	MATL/SUPL	40,000.00
P19-00868	Reliable Floor Covering Co	BUSINESS	SERV	8,682.00
P19-00869	Par Inc	Special Ed	MAT/SUPL	8,384.51
P19-00870	Houghton Mifflin Harcourt	Special Ed	MATL/SUPL	1,626.18
P19-00871	Handwriting Without Tears	ERC	TextBk	2,914.31
P19-00872	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	201,816.18
P19-00875	Sinclair Sanitary Supply Inc	WAREHOUSE	Stores Supplies	1,208.96
P19-00877	Houghton Mifflin Harcourt	ERC	Textbk-Matl/Supp	29,556.65
P19-00880	Mercury Disposal System, Inc	WAREHOUSE	Service	1,300.00
P19-00881	SOUTHERN CA A.P. INSTITUTE	SORIA	CONF	1,590.00
P19-00882	Apple Computer Inc	SAN MIGUEL	EQUIP (iPads)	4,079.85
P19-00883	Ventura Co Office Of Education	ED SERVICES	CONF	1,200.00
P19-00886	STARNET DATA DESIGN INC	ED SERVICES	Service	2,500.00
P19-00888	Tech-Wall Of Ventura Inc	BUSINESS	SERV	3,650.00
P19-00890	Cybertek	IT	Professional/Con	37,381.24
P19-00894	VEX Robotics, Inc	FRANK	MATL/SUP -Instructional	8,645.67
P19-00895	Jordanos Inc	CNS	supplies	40,000.00
P19-00896	Sinclair Sanitary Supply Inc	FACILITIES	Equipment	2,894.90
P19-00897	MCGRAW HILL EDUCATION, INC	ERC	TextBk	12,175.59
P19-00898	MCGRAW HILL EDUCATION, INC	ERC	TextBk	16,060.26
P19-00899	MCGRAW HILL EDUCATION, INC	ERC	TextBk	37,599.20
P19-00900	Jordanos Inc	CNS	supplies	1,616.25
P19-00901	MCGRAW HILL EDUCATION, INC	ERC	TextBk	21,001.85

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-00902	MCGRAW HILL EDUCATION, INC	ERC	Matl/Sup	1,846.67
P19-00903	California Electric Company	FACILITIES	Prof Service/ Def Maint / Haydock	4,863.00
P19-00904	TONY'S COLLISION SERVICES, INC TONY'S BODY SHOP	FACILITIES	Repairs	2,100.61
P19-00906	Bruce Hower dba Hower's Sharpening	CNS	other services	1,165.00
P19-00909	Jordanos Inc	CNS	supplies	5,926.25
P19-00910	Portofino Hotel & Yacht Club	ED SERVICES	CONF	2,556.48
P19-00911	AAA State of Play	CURREN	matl/sup - instructional	2,222.96
P19-00912	CDW G	HARRINGTON	EQUIP (ETHERNET SWITCH - HAR ECDC)	10,865.51
P19-00918	Jordanos Inc	CNS	equipment	5,438.88
P19-00919	Chef's Toys & Star Rest Equip	CNS	equipment	27,629.00
P19-00922	CCI Office Technologies	GRAPHICS	Materials and Supplies	1,138.92
P19-00926	Witherspoon Ent Inc DBA Port A Stor	MARINA	RENTAL/LEASES	1,860.00
P19-00927	Driftwood Dairy Inc	CNS	supplies	588,000.00
P19-00928	GJM DISTRIBUTOR INC. TRI COUNTY BREAD SERVICE	CNS	supplies	182,000.00
P19-00929	Mission Linen Supply	CNS	supplies	54,521.50
P19-00930	LorLor Enterprises Corporation Smart Keyboard Solutions	CNS	supplies	2,210.88
P19-00931	WATER WALKERS INC HEALTH-e PRO	CNS	consulting	7,080.00
P19-00932	Repair Center LLC Tech Defenders	IT	REPAIR	14,040.90
P19-00933	Colbi Technologies Inc	BUSINESS	SERV	10,250.00
P19-00934	FIRST	CURREN	serv- instructional	1,559.75
P19-00935	ADVANCED CLASSROOM TECHNOLOGIES, INC	WAREHOUSE	Stores Supplies	2,161.45
P19-00936	Empire Cleaning Supply	WAREHOUSE	Stores Supplies	1,319.94
P19-00937	Printech	WAREHOUSE	Stores Supplies	1,304.64
P19-00938	Sinclair Sanitary Supply Inc	WAREHOUSE	Stores Supplies	1,383.94
P19-00939	Superior Sanitary Supplies	WAREHOUSE	Stores Supplies	1,501.17
P19-00940	Veritiv Operating Company	WAREHOUSE	Stores Supplies	2,801.50
P19-00944	School Employers Assoc Of Ca	HR	Memb	2,348.00
P19-00945	AMERIGAS PROPANE, LP	FACILITIES	HVAC supplies	2,500.00
P19-00946	Shaw Hr Consulting	HR	Serv	32,000.00
P19-00947	FHB Company	FACILITIES	Misc materials and supplies	1,405.06
P19-00950	CANON SOLUTIONS AMERICA INC	GRAPHICS	Materials and Supplies	1,753.09
P19-00951	MCGRAW HILL EDUCATION, INC	ERC	TextBk	11,281.87
P19-00952	MCGRAW HILL EDUCATION, INC	ERC	TextBk	16,857.96
P19-00953	MCGRAW HILL EDUCATION, INC	ERC	Textbk	21,608.80
P19-00954	MCGRAW HILL EDUCATION, INC	ERC	TextBk	7,851.81
P19-00957	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	18,738.75
P19-00958	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk	1,005.25
P19-00959	Textbook Warehouse LLC Textbook Warehouse	ERC	TextBk/Matl/Sup	9,854.55

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-00960	MCGRAW HILL EDUCATION, INC	ERC	Matl/Sup	2,284.67
P19-00962	Mobile Modular Management	PURCHASING	LEASE PAY OFF	38,711.25
P19-00964	Ventura Pest Control	CNS	services	14,000.00
P19-00966	SCVSFSA - Super Co-Op	CNS	membership	2,116.88
P19-00967	COUNTY OF VENTURA OFFICE OF DI STRICT ATTORNEY	Pupil Srvs	SERV	12,058.83
P19-00968	Maxim Staffing Solutions	Pupil Srvs	SERV	10,000.00
P19-00969	Office Depot Bus Ser Div	MARINA	MATL/SUPL-Instructional	5,000.00
P19-00970	Ventura Co Office Of Education	ROSE	TRAVEL & CONFERENCE - INSTRUCTIONAL	3,000.00
P19-00971	Ventura Co Office Of Education	BREKKE	CONF-INSTRUCTIONAL	1,616.25
P19-00972	NORTHERN SPEECH SERVICES, INC	Special Ed	MAT/SUPL	2,857.84
P19-00983	Pearson	Special Ed	MAT/SUPL	25,000.00
P19-00988	Houghton Mifflin Harcourt	Special Ed	MAT/SUPL	10,852.15
P19-00990	Salt Software, LLC	Special Ed	MAT/SUPL	4,786.97
P19-00991	Haight's Cross Comm, Inc Triump h Learning, LLC	Special Ed	MAT/SUPL	3,011.07
P19-01000	Ellevation, LLC	ENGLISH LEARNE	LCFF/SERV	17,000.00
P19-01001	Oxnard Performing Arts Center	ED SERVICES	RENTAL (8th GR. PROMOTION)	3,904.00
P19-01002	Oxnard Performing Arts Center	ED SERVICES	RENTAL (AWARDS OF EXCELLENCE)	5,847.00
P19-01003	LEARNING FOR LIVING INC.	DRIFFILL	T1/SERV	5,000.00
P19-01004	PDAP OF VENTURA COUNTY, INC	Pupil Srvs	T1/SERV	30,000.00
P19-01005	Diane Turini-Mize	Special Ed	SVC/MEDI-CAL	92,000.00
P19-01006	Rodney Allen Spicer dba/ Gold Coast K9	Pupil Srvs	MAA/SERV	24,000.00
P19-01007	MAHON, GLENDA C. dba/ ACTION P REPAIREDNESS TRAINING	Pupil Srvs	SERV	4,500.00
P19-01008	RHYTHMS OF LIFE LLC	Pupil Srvs	LCFF-T1-MAA/SERV	75,000.00
P19-01009	CABE	ENGLISH LEARNE	LCFF/SERV	22,000.00
P19-01010	M & J Kids Scientific, Inc dba Mad Science of Los Angeles	Special Ed	SERV	4,800.00
P19-01011	Matt Oppenheimer Tutorific!	Special Ed	SERV	38,000.00
P19-01012	BEHAVIOR INSIGHTS INC	Special Ed	SERV	100,000.00
P19-01013	Art Trek	Special Ed	SERV	9,820.00
P19-01014	Ventura Co Office Of Education	Pupil Srvs	SERV (CHAMPS)	98,350.00
P19-01015	MIXTECO/INDIGENA COMMUNITY ORG ANIZING PROJECT	ED SERVICES	NfL/SERV (CASE MGMT)	119,165.00
P19-01016	MIXTECO/INDIGENA COMMUNITY ORG ANIZING PROJECT	ED SERVICES	NfL/SERV (APRENDIENDO)	27,457.00
P19-01018	Veritiv Operating Company	GRAPHICS	Materials and Supplies	1,618.79
P19-01022	San Joaquin County Of Ed	HR	Serv-	2,425.95
P19-01024	Ventura Co Office Of Education	BREKKE	CONF-ADMIN	1,293.00
P19-01030	Office Depot Bus Ser Div	BREKKE	MATL/ SUP - Admin	1,400.00
P19-01031	Daniels Tire Service	TRANSPORTATIOI	REPAIRS	1,500.00
P19-01036	The Berry Man Inc	CNS	supplies	557,500.00
P19-01037	Jordanos Inc	CNS	supplies	886,000.00
P19-01038	WESTIN SAN DIEGO	ED SERVICES	CONF	2,474.85
P19-01039	Jordanos Inc	CNS	equipment	20,361.11
P19-01040	Jordanos Inc	CNS	equipment-044	3,792.80

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01041	Scholastic Book Fairs	MARSHALL	MATL/SUP - Instruction	2,209.28
P19-01042	The Outdoor School	MARSHALL	SERV - Instruction	13,648.00
P19-01043	SIGNET CONTROLS, INC	FACILITIES	Prof Serv / Def maint / Rose Ave	5,202.00
P19-01044	MCGRAW HILL EDUCATION, INC	ERC	TextBk	7,646.13
P19-01045	MCGRAW HILL EDUCATION, INC	ERC	TextBk	30,692.44
P19-01046	MCGRAW HILL EDUCATION, INC	ERC	TextBk	10,862.88
P19-01047	MCGRAW HILL EDUCATION, INC	ERC	TextBk	5,430.39
P19-01048	MCGRAW HILL EDUCATION, INC	ERC	TextBk	27,161.08
P19-01049	Rochester 100, Inc	MARSHALL	MATL/SUP - Instruction	1,018.24
P19-01050	Lakeshore Learning Materials-V	ENGLISH LEARNE	MTLS/SUPP LCAP 1.37	2,065.58
P19-01051	Lakeshore Learning Materials-V	ENGLISH LEARNE	MTLS/SUPP LCAP 1.37	1,045.96
P19-01052	MCGRAW HILL EDUCATION, INC	ERC	TextBk	2,589.23
P19-01053	MCGRAW HILL EDUCATION, INC	ERC	TextBk - Matl/Sup	8,788.06
P19-01057	IMAGE APPAREL FOR BUSINESS	CUSTODIAL	SERV (18-19 CUSTODIAL UNIFORMS)	6,989.40
P19-01058	IMAGE APPAREL FOR BUSINESS	FACILITIES	SERV (18-19 FACILITIES UNIFORMS)	2,920.73
P19-01061	CN School & Office Sol, Inc Cu Iver-Newlin	PURCHASING	EQUIP (MEDIA CARTS FOR PE)	2,628.02
P19-01063	ALAS c/o Megan Soliz	ED SERVICES	CONF	1,350.00
P19-01066	Southwest School & Office Sup	LEMONWOOD	MAT/SUPP (Instructional)	2,990.90
P19-01069	Morris Printing Group, Inc Sch ool Mate	MCAULIFFE	MATL/SUPL-Instructional	1,135.15
P19-01074	Calif Science Teachers Assn	FRANK	Conf. - Instructional	1,200.00
P19-01079	Teacher's Curriculum Institute	ERC	TextBk	1,291.92
P19-01080	Pearson Education	ERC	Matl/Sup	3,105.85
P19-01081	Lakeshore Learning Materials-V	SAN MIGUEL	INST/MATLS	18,035.30
P19-01083	Hillyard Inc	WAREHOUSE	Stores Supplies	5,132.13
P19-01084	Office Depot Bus Ser Div	WAREHOUSE	Stores Supplies	4,052.78
P19-01085	Southwest School & Office Sup	WAREHOUSE	Stores Supplies	10,712.12
P19-01086	Veritiv Operating Company	WAREHOUSE	Stores Supplies	7,701.08
P19-01087	Dell Direct Sales Lp	SAN MIGUEL	EQUIP (Building 4)	3,317.57
P19-01089	Office Depot Bus Ser Div	FRANK	MATL/SUP - INSTRUCTIONAL	3,232.50
P19-01090	Pacific Floor Company	FACILITIES	Prof Service / Def Maint / Frank	13,500.00
P19-01092	Decisioninsite Llc	BUSINESS	SVCE	3,295.00
P19-01094	Ventura Co Sch Self-Funding	BUDGET	SERV/Insurance Premium	999,165.00
P19-01096	Capit Learning	ED SERVICES	License	6,750.00
P19-01097	Brainpop Com LLC	MCKINNA	subscription- instructional	2,395.00
P19-01098	Greenfield Learning Inc	MARSHALL	APPS – Instruction	9,500.00
P19-01101	School Tech Supply	ENGLISH LEARNE	EQUIP	4,644.92
P19-01103	MHS Inc	Special Ed	MAT/SUPL	1,963.33
P19-01104	Pearson	Special Ed	MAT/SUPL	3,400.60
P19-01105	Lakeshore Learning Materials-V	RAMONA	Mat/Supp (Instructional)	2,451.58
P19-01107	CONSTRUCTION TESTING & ENG	FACILITIES	BOND/BLDG/INSPECTOR SVCS/ELM RECON	116,203.00
P19-01108	RINCON CONSULTANTS INC	FACILITIES	BOND/BLDG/ENV SUP SVCS (RAM KDG FLEX PROJECT)	9,959.00
P19-01109	ATC GROUP SERVICES LLC	FACILITIES	BOND/BLDG/HAZ MATLS TEST-OVERSIGHT/LEM PHASE 2	26,127.00
P19-01110	EARTH SYSTEMS SO CALIFORNIA	FACILITIES	BOND/BLDG/GEOTECH/MATL INSP SVCS (KDG FLEX-RAM)	21,400.00

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01114	CANON FINANCIAL SERVICES INC	NFL	LEASE (COPIERS)	1,500.00
P19-01125	Gold Star Foods	CNS	rental	24,000.00
P19-01134	Office Depot Bus Ser Div	ED SERVICES	MTLS LCAP 1.39	5,500.00
P19-01135	KAREN A BEEMAN dba/CENTER FOR TEACHING FOR BILITERACY, LLC	ED SERVICES	CONF LCAP 1.01	1,500.00
P19-01144	Southwest School & Office Sup	WAREHOUSE	Stores Supplies	1,760.53
P19-01150	Jordanos Inc	CNS	FFVP Food/4700	20,000.00
P19-01156	Alliance Publishing & Marketin	RAMONA	MAT/SUP (Instructional)	1,659.35
P19-01160	Gopher Sport	FRANK	MATLSup - Instructional	4,968.68
P19-01161	AFTER SCHOOL DEPOT	ASES	MATL/SUPLS	1,200.00
P19-01162	Ventura Laminating & Supplies	SORIA	EQUIP (Instructional) SPSA Goal 1.08	2,387.75
P19-01163	Premier Agendas Inc	ROSE	MATERIALS & SUPPLIES - INSTRUCTIONAL	1,229.55
P19-01166	Meredith Digital, Inc	HAYDOCK	MTL/SUPPLY-INSTRUCTION	6,500.00
P19-01168	Petroleum Telcom Inc DBA Telecom	ASES	MTRL/SUPL	10,000.00
P19-01169	Printech	SORIA	MATL/SUP (Instructional)	2,000.00
P19-01170	Empire Cleaning Supply	WAREHOUSE	Stores Supplies	1,934.11
P19-01171	Extreme Clean	WAREHOUSE	Stores Supplies	5,232.61
P19-01173	Sinclair Sanitary Supply Inc	WAREHOUSE	Stores Supplies	1,383.94
P19-01174	Reliable Floor Covering Co	FACILITIES	Prof Service / Def Maint / Brekke	2,773.00
P19-01178	ACSA/FEA	RISK MGMT	Membership	71,979.93
P19-01180	Costco Wholesale	HAYDOCK	MATL/SUPPLY-Parent Participation	2,500.00
P19-01181	Ventura Co Office Of Education	Special Ed	SERV (PT)	34,124.78
P19-01182	Ventura Co Office Of Education	Pupil Srvs	CONF	1,260.00
P19-01183	Ventura Co Office Of Education	Pupil Srvs	CONF	3,185.00
P19-01184	Ventura Co Office Of Education	SORIA	CONF (Instructional/Admin)	1,050.00
P19-01185	Jordanos Inc	CNS	4300/FFVP SUP	10,775.00
P19-01187	Tolman & Wiker Ins	BUSINESS	CONST	3,200.00
P19-01189	Smart And Final Iris Co	HAYDOCK	MATL/SUPPLY-Parent Participation	1,000.00
P19-01190	Fisher Scientific Education	SORIA	MATL/SUP (Instructional) SPSA Goal 1 Action 44	1,156.24
P19-01191	MCGRAW HILL EDUCATION, INC	ERC	Matl/Sup	7,556.15
P19-01192	Solarwinds, Inc	IT	SERV (Web Licenses)	4,100.00
P19-01193	School Tech Supply	ED SERVICES	CONF	2,037.48
P19-01194	ACSA/FEA	Special Ed	CONF(M.HAUN)	1,475.00
P19-01195	CDW G	ROSE	COMPUTER SUPPLIES - INSTRUCTIONAL	2,911.14
P19-01196	Barnes And Noble	FRANK	BOOKS - INSTRUCTIONAL	1,586.51
P19-01197	Pacific Northwest Publishing	Pupil Srvs	Online Subscription	16,500.00
P19-01198	THE SHOPPER INC	KAMALA	Materials & Supplies-Instructional	2,227.79
P19-01200	Pride Barco Lock Company	FACILITIES	Locksmith materials and supplies	1,000.00
P19-01201	CDW G	ED SERVICES	Equipment	2,807.48
P19-01203	Monster Technology LLC	LEMONWOOD	MAT/SUPPLIES (Admin)	1,059.38
P19-01204	Morris Printing Group, Inc Sch ool Mate	MCKINNA	matl/sup-Instructional	1,463.25
P19-01206	Ventura Co Office Of Education	ED SERVICES	T1/SERV	47,427.60

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01207	Ventura Co Maritime Museum Inc	ASES	SERV	2,500.00
	Channel Islnds Maritime Museu			
P19-01208	ANIXTER INC	FACILITIES	Locksmith Materials and Supplies	5,000.00
P19-01209	COUNTY OF VENTURA	CNS	other services	12,131.00
P19-01212	COMPUWAVE	RITCHEN	MATL/SUP-Instructional	2,402.83
P19-01213	Kelly Paper	GRAPHICS	Materials and Supplies	1,701.10
P19-01214	Tolman & Wiker Ins	BUSINESS	INSURANCE	2,522.00
P19-01215	Tolman & Wiker Ins	BUDGET	INS	2,136.00
P19-01217	Ventura Co Office Of Education	Special Ed	SERV (OT/COTA SERVICES)	97,920.00
P19-01220	Edgewood Press, Inc	WAREHOUSE	Stores Supplies	1,885.63
P19-01222	Office Depot Bus Ser Div	WAREHOUSE	Stores Supplies	4,627.73
P19-01223	Southwest School & Office Sup	WAREHOUSE	Stores Supplies	4,218.89
P19-01225	Inclusive Education & Communit y Partnership	Special Ed	SERV	25,000.00
P19-01226	LUMOS TRANSFORMS LLC	Special Ed	SERV	16,500.00
P19-01227	SIRAS SYSTEMS	Pupil Srvs	SERV	3,925.00
P19-01228	William Venegas Hip Hop Mindse t	ASES	SERV	75,000.00
P19-01229	CECILIA ARREDONDO	MARSHALL	SERV	11,200.00
P19-01231	Ventura Co Office Of Education	Special Ed	SERV (KP033105)	4,335.59
P19-01232	Assistance League School	Special Ed	SERV (GB013114)	11,000.00
P19-01233	The Acorn Newspaper	ED SERVICES	MSAP/SERV	3,360.00
P19-01237	Office Depot Bus Ser Div	SORIA	MATL/SUP (Instructional) Goal 1 Action 44	8,000.00
P19-01239	Scholastic Inc	RITCHEN	MATL/SUP-Instructional	1,420.00
P19-01242	KAREN A BEEMAN dba/CENTER FOR TEACHING FOR BILITERACY, LLC	ED SERVICES	CONF	1,500.00
P19-01246	Reese Corp Sign A Rama	ED SERVICES	MSAP SERV (FRE)	8,994.61
P19-01247	Tolman & Wiker Ins	BUSINESS	CONST	5,300.00
P19-01251	Aswell Trophy And Engraving	SAN MIGUEL	MATL/SUPP	1,000.00
P19-01253	Assistance League School	Special Ed	SERV (BC041814)	11,000.00
P19-01254	Assistance League School	Special Ed	SERV (EC020314)	11,000.00
P19-01255	Assistance League School	Special Ed	SERV (BT122013)	11,000.00
P19-01256	Assistance League School	Special Ed	SERV (JS101214)	11,000.00
P19-01257	Assistance League School	Special Ed	SERV (AV100514)	11,000.00
P19-01258	TANA DONAGHY / DBA EDUCATIONAL EQUITY FOR ALL	Special Ed	SERV	4,800.00
P19-01259	JENNY L PONZURIC /dba/JLJ CONSULTING	Special Ed	SERV	111,000.00
P19-01268	WALT DISNEY TRAVEL CO., INC DI SNEYLAND RESORT HOTELS	ED SERVICES	CONF	1,467.18
P19-01269	CCI Office Technologies	GRAPHICS	Materials and Supplies	2,647.42
P19-01270	CN School & Office Sol, Inc Cu lver-Newlin	PURCHASING	EQUIP/MATL-SUP (TABLES/CHAIRS FOR OXNARD ROOM)	13,349.42
P19-01271	STAR OF CA, ERA ED	Special Ed	SERV	826,000.00
P19-01272	KEY2ED, INC.	Special Ed	SERV	48,000.00
P19-01273	McGraw Hill Education, Inc	Special Ed	SERV	7,500.00
P19-01274	Ventura Co Office Of Education	Pupil Srvs	SERV (HEARING CONSERVATION SVCS)	75,550.00
P19-01277	Learning Rights Law Center Cli ent Trust Account	BUSINESS	SERV-attorney fees	6,000.00

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Number	Vendor Name	Loc	Description	Order Amount
P19-01281	Office Depot Bus Ser Div	DRIFFILL	matl/supp-instructional	2,693.75
P19-01282	Garcia Hernandez Sawhney, LL P	BUSINESS	SERV	1,000,000.00
P19-01285	Amazon Com	DRIFFILL	MATL/SUPP-instructional	1,091.57
P19-01286	Ventura Co Maritime Museum Inc Channel Islids Maritime Museu	LEMONWOOD	SERV-Instructional	1,575.00
P19-01310	Walmart	IT	MATL/SUP	1,000.00
P19-01311	Wendy H Milligan dba/ Terra Fi rma Enterprises	RISK MGMT	SERV	19,500.00
P19-01312	Demco Inc	ED SERVICES	MSAP	35,385.84
P19-01315	Ashton Awards Inc Aswell Troph y	SUPERINTENDEN	Sup	1,454.63
P19-01317	Petroleum Telcom Inc DBA Telec om	HAYDOCK	REPAIRS/INSTRUCTION	1,100.00
P19-01318	Petroleum Telcom Inc DBA Telec om	HAYDOCK	MATL/SUPPLY-INSTRUCTION	1,500.00
P19-01319	Placer County Office of Ed	ROSE	TRAVEL & CONFERENCE PBIS ADMIN/COUNSELOR/TEACHERS	2,450.00
P19-01322	Scholastic Inc	SORIA	MATL/SUP (Instructional)	3,067.11
P19-01329	I-REP THERAPY PRODUCTS, INC	Special Ed	EQUIPT	1,595.00
P19-01338	ADVANCED CLASSROOM TECHNOLOGIE S, INC	SAN MIGUEL	EQUIP (Bldg 4)	2,140.57
P19-01340	IXL LEARNING, INC	BREKKE	APPS/INSTUCTION	5,624.55
P19-01341	Scholastic Inc	BREKKE	MAT/SUP-INSTRUCTIONAL	4,003.66
P19-01343	Printech	FRANK	MATL-SUP - Instructional	3,232.50
P19-01346	Lakeshore Learning Materials-V	NFL	Mat/Sup	2,953.74
P19-01348	NOLTE ASSOCIATES INC	FACILITIES	BOND/SITE (ENV SUPP SVCS - SEABRIDGE)	19,850.00
P19-01349	RINCON CONSULTANTS INC	FACILITIES	BOND/BLDG/ENV SUP SVCS (MCA KDG FLEX PROJECT)	11,888.00
P19-01350	RINCON CONSULTANTS INC	FACILITIES	BOND/BLDG/ENV SUP SVCS (RIT KDG FLEX PROJECT)	11,888.00
P19-01351	RINCON CONSULTANTS INC	FACILITIES	BOND/BLDG/ENV SUP SVCS (ROSE AVE RECON PROJECT)	25,566.00
P19-01352	AUTISM LEARNING PARTNERS LLC	Special Ed	SERV	130,000.00
P19-01353	R. JENSEN CO., INC.	FACILITIES	BOND/BLDG (RELOCATE HAR PORTABLES)	23,000.00
P19-01358	Learning Rights Law Center Cli ent Trust Account	BUSINESS	SERV-attorney fees	12,500.00
P19-01362	Sams Club 6455	FRANK	MATL/SUP - Instructional	1,077.50
P19-01369	Reliable Floor Covering Co	ED SERVICES	MSAP	1,599.47
P19-01371	MCGRAW HILL EDUCATION, INC	ERC	Mat/Sup	5,728.09
P19-01372	MCGRAW HILL EDUCATION, INC	ERC	Mat/Sup	6,885.73
P19-01374	MHS Inc	Special Ed	MAT/SUPL	2,218.13
P19-01376	GOBULK.COM	LEMONWOOD	MAT/SUPPLIES (Instructional)	2,204.19
P19-01378	Textbook Warehouse LLC Textboo k Warehouse	ERC	TextBk	1,026.32
Total Number of POs			278	
			Total	8,692,500.58

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

Fund Recap

Fund	Description	PO Count	Amount
010	GENERAL FUND	229	5,597,747.52
130	CAFETERIA FUND	32	2,729,481.30
140	DEFERRED MAINTENANCE FUND	4	26,338.00
213	BOND FUND MEASURE R 2012	2	5,300.00
214	BOND FUND MEASURE D 2016	11	279,946.51
251	DEVELOPER FEES	2	53,687.25
		Total Fiscal Year 2019	8,692,500.58
		Total	8,692,500.58

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Includes Purchase Orders dated 07/26/2018 - 08/31/2018 ***

PO Changes

	<u>New PO Amount</u>	<u>Fund/ Object</u>	<u>Description</u>	<u>Change Amount</u>
P16-05421	32,883,049.03	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTRA	989,471.84
P17-03491	71,775.18	214-6205	BOND FUND MEASURE D 2016/PROGRAM MANAGEMEN	10,411.26
P18-01599	2,122,355.16	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTRA	170,355.16
P18-03331	17,346.29	214-5800	BOND FUND MEASURE D 2016/PROFESSIONAL/CONSU	1,009.80-
		214-6276	BOND FUND MEASURE D 2016/INTERIM HOUSING	10,609.80
			Total PO P18-03331	9,600.00
P18-03887	841,120.77	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTRA	2,946.90
P18-03890	841,120.77	214-6270	BOND FUND MEASURE D 2016/MAIN BUILDING CONTRA	2,946.90
P19-00059	194,480.00	214-6290	BOND FUND MEASURE D 2016/INSPECTION	14,960.00
P19-00378	9,500.00	130-4700	CAFETERIA FUND/FOOD	6,000.00
P19-00488	10,000.00	010-5601	GENERAL FUND/RENTAL LEASE-GROUNDS	7,500.00
P19-00529	6,256.57	130-4700	CAFETERIA FUND/FOOD	2,800.00
P19-00549	4,000.00	010-4322	GENERAL FUND/FLOOR SUPPLIES	2,000.00
P19-00834	14,226.63	010-4300	GENERAL FUND/MATERIALS AND SUPPLIES	1,064.54
			Total PO Changes	<u>1,220,056.60</u>

Information is further limited to: (Minimum Amount = 1,000.00)

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OSD BOARD AGENDA ITEM

Name of Contributor: **Shristie Nair**

Date of Meeting: **September 19, 2018**

- A. Preliminary _____
Study Session _____
Report _____
- B. Hearing: _____
- C. Consent Agenda X
Agreement Category:
 - _____ Academic
 - _____ Enrichment
 - _____ Special Education
 - _____ Support Services
 - _____ Personnel
 - _____ Legal
 - _____ Facilities
- D. Action Items _____
- E. Approval of Minutes _____
- F. Board Policies 1st Reading _____ 2nd Reading _____

Establish/Abolish/Increase/Reduce Hours of Position (Nair)

Establish

an eight hour 183 day Speech Language Pathology Assistant position number 9134 to be established in the Special Education department. This position will be established to provide support.

an eight hour 183 day Speech Language Pathology Assistant position number 9133 to be established in the Special Education department. This position will be established to provide support.

a four hour 183 day Paraeducator I position number 9149 to be established at Kamala school. This position will be established to provide support in the DLI class.

a four hour 246 day Custodian position number 9146 to be established at Harrington school. This position will be established to provide support.

a one and a half hour 183 day Paraeducator I position number 9160 to be established at McKinna school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9154 to be established at Soria school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9155 to be established at Ramona school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9156 to be established at Curren school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9157 to be established at Driffill school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9158 to be established at Chavez school. This position will be established to provide support in the TK/K class.

a three hour and 10 minute 183 day Paraeducator I position number 9159 to be established at Lemonwood school. This position will be established to provide support in the TK/K class.

Abolish

a two hour 183 day Paraeducator I position number 7267 to be abolished at McAuliffe school. This position will be abolished due to the lack of work.

Increase

a six hour 183 day Health Care Technician position number 8775 to be increased to 7 hours in the Special Education department. This position will be increased to provide additional support.

a six hour 203 day Office Assistant II position number 8687 to be increased to 8 hours at San Miguel school. This position will be increased to provide additional support.

a five and a half hour 183 day Paraeducator II position number 2855 to be increased to 5.75 hours in the Special Education department. This position will be increased to provide additional support.

The following Paraeducator I positions will be increased to provide additional support in the TK/K classes.

- one hour increased to 3.10 position number 7175 at Harrington school
- two hour increased to 3.10 position number 7173 at Elm school
- two hour increased to 3.10 position number 7275 at Elm school
- two hour increased to 3.10 position number 7188 at Ramona school
- two hour increased to 3.10 position number 7172 at Driffill school
- four hour and 10 minutes increased to 4.50 position number 7180 at Marina West school
- four hour and 10 minutes increased to 4.50 position number 7167 at Brekke school
- four hour and 10 minutes increased to 4.50 position number 7181 at Marshall school
- four hour and 10 minutes increased to 4.50 position number 7193 at Sierra Linda school
- four hour and 10 minutes increased to 4.50 position number 7185 at McKinna school
- four hour and 10 minutes increased to 4.50 position number 7180 at Marina West school
- four hour and 10 minutes increased to 4.50 position number 7186 at McKinna school
- two hour increased to 3.10 position number 7192 at Rose Avenue school
- two hour increased to 4.50 position number 7184 at McAuliffe school
- two hour increased to 4.50 position number 7183 at McAuliffe school
- two hour increased to 4.50 position number 7190 at Ritchen school
- two hour increased to 4.50 position number 7177 at Kamala school
- one hour increased to 1.5 position number 7182 at Marshall school
- three hour and 10 minutes increased to 4.50 position number 7194 at Sierra Linda school

Reduce

The following Paraeducator I positions will be reduced due to the lack of work in the TK/K classes.

- four hour and 10 minutes reduced to 3.10 position number 7195 at Soria school
- four hour and 10 minutes reduced to 3.10 position number 7187 at Ramona school
- four hour and 10 minutes reduced to 3.10 position number 7170 at Curren school
- four hour and 10 minutes reduced to 3.10 position number 7171 at Driffill school
- four hour and 10 minutes reduced to 3.10 position number 7174 at Harrington school

- four hour and 10 minutes reduced to 3.10 position number 7169 at Chavez school
- four hour and 10 minutes reduced to 3.10 position number 7178 at Lemonwood school
- four hour and 10 minutes reduced to 3.10 position number 7179 at Marina West school
- four hour and 10 minutes reduced to 3.10 position number 7191 at Rose Avenue school
- four hour and 10 minutes reduced to 3.10 position number 7189 at Ritcheen school

FISCAL IMPACT:

Cost for Speech Language Pathology Assistants - \$156,852 Special Education

Cost for Paraeducator I - \$18,577 Site funds

Cost for Custodians - \$26,101 General funds

Cost for Paraeducator I - \$18,577 Site funds

Cost for Paraeducator I's - \$95,215 General funds

Savings for Paraeducator I – \$9,274 General funds

Cost for Health Care Technician - \$6,721 Special Education

Cost for Office Assistant II – \$11,254 Special Education

Cost for Paraeducator II - \$1,217 Special Education

Cost for Paraeducator I's - \$118,404 General funds

Savings for Paraeducator I's - \$46,370 General funds

RECOMMENDATION:

It is the recommendation of the Director of Classified Human Resources that the Board of Trustees approve the establishment, abolishment, increase, and reduction of the positions as presented.

ADDITIONAL MATERIAL:

None

OSD BOARD AGENDA ITEM

Name of Contributor: **Dr. Jesus Vaca/Shristie Nair**

Date of Meeting: **September 19, 2018**

- A. Preliminary _____
Study Session _____
Report _____
- B. Hearing: _____
- C. Consent Agenda X
Agreement Category:
 - _____ Academic
 - _____ Enrichment
 - _____ Special Education
 - _____ Support Services
 - _____ Personnel
 - _____ Legal
 - _____ Facilities
- D. Action Items _____
- E. Approval of Minutes _____
- F. Board Policies 1st Reading _____ 2nd Reading _____

Personnel Actions (Vaca/Nair)

The attached are recommended Personnel Actions presented to the Board of Trustees for consideration. The salary placement for the individuals employed will be in accordance with the salary regulations of the District. Personnel Actions include: new hires, transfers, pay changes, layoffs, recall from layoffs, resignations, retirements, authorizations, and leaves of absence.

FISCAL IMPACT:

N/A

RECOMMENDATION:

It is the recommendation of the Assistant Superintendent, Human Resources & Support Services and the Director, Classified Human Resources, that the Board of Trustees approve the Personnel Actions, as presented.

ADDITIONAL MATERIAL:

- Classified Personnel Actions (two pages)
- Certificated Personnel Actions (one page)

CLASSIFIED PERSONNEL ACTIONS

September 19, 2018

New Hire

Leonor Leyva, Oralia	Senior Human Resources Analyst, Position #6298 Classified Human Resources 8.0 hrs./246 days	09/17/2018
Zavala, Rosalinda	Intermediate School Secretary, Position #933 Frank 8.0 hrs./192 days	08/14/2018

Limited Term

Caballero, Itzayana	Paraeducator	08/07/2018
Estrada, Maritza Y	Paraeducator	08/16/2018
Garcia, Denise V	Paraeducator	08/16/2018
Lazaro, Ashley	Paraeducator	08/09/2018
Morrison, Courtney	Paraeducator	08/07/2018
Solis, Maribel	Paraeducator	08/23/2018

Exempt

Reveles, Isabel	Campus Assistant	9/04/2018
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Promotion

Estrada, Laura A	Health Assistant, Position #8435 Pupil Services 5.75 hrs./183 days	08/14/2018
Limon, Giselle P	Paraeducator II, Position #1874 Pupil Services 5.75 hrs./183 days Health Assistant, Position #8434 Pupil Services 5.75 hrs./183 days Paraeducator II, Position #1805 Pupil Services 5.75 hrs./183 days	08/14/2018

Voluntary Demotion

Olivares, JoAnn	Intermediate School Secretary, Position #6339 Rose Ave. 8.0 hrs./192 days School Office Manager, Position #2183 Sierra Linda 8.0 hrs./210 days	09/10/2018
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Transfer

Aguiar, Bertha A	Paraeducator II, Position #966 Special Education 5.75 hrs./183 days	08/14/2018
Garcia Herrera, Lucrecia M	Paraeducator II, Position #2904 Special Education 5.75 hrs./183 days Child Nutrition Worker, Position #2839 Elm 5.0 hrs./185 days Child Nutrition Worker, Position #2617 Itinerant 4.5 hrs./185 days	08/14/2018

Release during Probation

4671	Secretary, Position #1646 Enrollment Center 8.0 hrs./246 days School Office Manager, Position #1824 Ramona 8.0 hrs./210 days	08/27/2018
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**Return from Leave of
Absence**

Romero, Vanessa R	Child Nutrition Worker, Position #1588 Lemonwood 5.5 hrs./185 days	08/31/2018
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Resignation

Castaneda, Kenyn L.	Health Assistant, Position #8436 Pupil Services 5.75 hrs./183 days	08/29/2018
Cater, Taylor	Paraeducator I, Position #7184 McAuliffe 2.0 hrs./183 days Paraeducator I, Position #7267 McAuliffe 2.0 hrs./183 days	08/31/2018
Hernandez, Susana B	Health Assistant, Position #8437 Pupil Services 5.75 hrs./183 days	08/26/2018

CERTIFICATED PERSONNEL ACTIONS

Listed below are recommended Certificated Personnel Actions presented to the Board of Trustees for consideration. The salaries for the individuals employed will be determined, in accordance with the salary regulations of the District.

New Hires

Castaneda, Kenyn	Nurse	08/30/2018
Johnson, Confidence	Principal, Soria	09/20/2018
Magana, Genaro	Assistant Principal	09/24/2018
Star, Vanita	Nurse	09/24/2018
Ayla, Johanna	Substitute Teacher	2018/2019 School Year
Becerra-Casillas, Sergio	Substitute Teacher	2018/2019 School Year
Gomez, Maribel	Substitute Teacher	2018/2019 School Year
Navarro, Kathy	Substitute Teacher	2018/2019 School Year
Pangilinan, Warwick	Substitute Teacher	2018/2019 School Year
Washington, Kristopher	Substitute Teacher	2018/2019 School Year

Intervention Services

**Provider (less than 20
hours per week not to
exceed 75% or 135 days a
year**

Arevalo, Alex	Harrington	09/04/2018
Billet, Katherine	Harrington	09/06/2018
Christensen, Elsa	McKinna	09/19/2018
Fleming, Maristella	Ritchen	09/20/2018
Kasamis, Rosalind	Elm	09/24/2018
Lopez, Marilu	Elm	09/24/2018
Manny, Karen	Elm	09/24/2018
Nemets, Susan	Ritchen	09/04/2018
Parker, Marilynne	Marshall	09/06/2018
Varav, Sally	Ritchen	09/20/2018
Vidal, Catherine	McKinna	09/06/2018

BOARD AGENDA ITEM

Name of Contributor: Janet Penanhoat

Date of Meeting: 9/19/18

STUDY SESSION _____

CLOSED SESSION _____

SECTION A-1: PRELIMINARY _____

SECTION A-II: REPORTS _____

SECTION B: HEARINGS _____

SECTION C: CONSENT AGENDA _____

Agreement Category:

_____ Academic

_____ Enrichment

_____ Special Education

_____ Support Services

_____ Personnel

_____ Legal

_____ Facilities

SECTION D: ACTION

SECTION F: BOARD POLICIES 1st Reading _____ X 2nd Reading _____

Ratification of Change Order No. 002 to Construction Services Agreement #16-199 with Bernards Bros Inc. to adjust costs for the Elm Elementary School Reconstruction Project (Penanhoat/Fateh/CFW)

As the underground utility work on the Elm Street Elementary Reconstruction Project got underway, it was found that the design needed clarification. The sewer line needed to be relocated and sewer lift stations needed to be added to achieve the code-required sewer line slope. Utility lines needed to be moved to avoid conflicts with the foundations of the school buildings. The underground storm water retention facility needed to be enlarged to meet code requirements.

Change Order No. 002 provides for the Board's consideration and approval of eight (8) change order requests: COR No. 16R1, COR No. 27R1, COR No. 29R1, COR No. 32R1, COR No. 33R1, COR No. 34R1, COR No. 35 R1, COR No. 36R1 with the following scope of work.

- COR No. 16R1 – Bulletin 3 – Power To Pump Stations
- COR No. 27R1 – Bulletin 3.1 – Sewer Changes
- COR No. 29R1 – Bulletin 3 – Romtec Pump Stations
- COR No. 32R1 – Bulletin 3, 3.1 – Sewer NE of MPR
- COR No. 33R1 – Bulletin 3, 3.1 – Storm Drain
- COR No. 34R1 – Bulletin 3, 3.1 – Domestic Water and Fire Water Changes
- COR No. 35R1 – Bulletin 3 – Storm Water retention System
- COR No. 36R1 – Bulletin 3, 3.1 – Forced Main

FISCAL IMPACT

Eight Hundred Eighty-Six Thousand Eight Hundred Seventy Dollars and Zero Cents (\$886,870.00) to be paid out of the Master Construct and Implementation Funds.

RECOMMENDATION

It is the recommendation of the Assistant Superintendent, Business & Fiscal Services, and the Director of Facilities, in conjunction with Caldwell Flores Winters, Inc., that the Board of Trustees ratify Change Order No. 002 to Construction Services Agreement #16-199 with Bernards Bros Inc. to provide Construction Services related to the Elm Elementary School Reconstruction Project.

ADDITIONAL MATERIAL

Attached:

- Change Order #002, Bernards Bros Inc. (3 Pages)
- COR No. 16R1 (19 Pages)
- COR No. 27R1 (10 Pages)
- COR No. 29R1 (36 Pages)
- COR No. 32R1 (35 Pages)
- COR No. 33R1 (35 Pages)
- COR No. 34R1 (36 Pages)
- COR No 35R1 (30 Pages)
- COR No. 36R1 (36 Pages)
- Construction Services Agreement #16-199 Bernards Bros Inc. (108 Pages)



CHANGE ORDER

Date: 09.19.2018

CHANGE ORDER NO. 002

PROJECT: ELM E.S. RECONSTRUCTION PROJECT
O.S.D. BID No. N/A
O.S.D. Agreement No. 16-199

OWNER: Oxnard School District
1051 South A Street
Oxnard, CA. 93030

ARCHITECT SVA Architects, Inc.
6 Hutton Centre Drive, Ste. 1150
Santa Ana, CA 92707

CONTRACTOR:

Bernards Bros. Inc.
555 First Street
San Fernando, CA 91340
Attn: Carl Magness

Architects Proj. No.: 2013-40159
D.S.A. File No.: 56-22
D.S.A. App. No.: 03-116407

CONFORMANCE WITH CONTRACT DOCUMENTS, PROJECT MANUAL, DRAWINGS AND SPECIFICATIONS. All Change Order work shall be in strict conformance with the Contract Documents, Project Manual, Drawings, and Specifications as they pertain to work of a similar nature.

ORIGINAL CONTRACT SUM.....	\$ 23,306,886.00
NET CHANGE - ALL PREVIOUS CHANGE ORDERS.....	\$ 800,022.00
ADJUSTED CONTRACT SUM.....	\$ 24,106,908.00
NET CHANGE -	\$ 886,870.00
Total Change Orders to Date: 002.....	\$ 1,686,892.00
ADJUSTED CONTRACT SUM THROUGH CHANGE ORDER NO.: 002.....	\$ 24,993,778.00

Commencement Date:January 30, 2017
Original Completion Date:October 16, 2018
Original Contract Time:661 Calendar Days
Time Extension for all Previous Change Orders:000 Calendar Days
Time Extension for this Change Order:000 Calendar Days
Adjusted Completion Date:October 16, 2018

Percentage (7.24%)

Item	Description	Unforeseen Condition (UFO)	Additional Scope (AS)	Design Clarification (DC)	Code Requirement
1.	COR No. 16R1 – Bulletin 3 – Power To Pump Stations			\$25,862	
2.	COR No. 27R1 – Bulletin 3.1 – Sewer Changes			\$27,463	
3.	COR No. 29R1 – Bulletin 3 – Romtec Pump Stations			\$370,785	
4.	COR No. 32R1 – Bulletin 3, 3.1 – Sewer NE of MPR			\$36,020	
5.	COR No. 33R1 – Bulletin 3, 3.1 – Storm Drain			\$28,988	
6.	COR No. 34R1 – Bulletin 3, 3.1 – Domestic Water and Fire Water Changes			\$70,984	
7.	COR No 35R1 – Bulletin 3 – Storm Water retention System			\$195,993	
8.	COR No. 36R1 – Bulletin 3, 3.1 – Forced Main			\$130,775	
	Totals			\$886,870	

Total Change Order No. 002 \$ 886,870.00

***NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND ASST. SUPT. BUSINESS & FISCAL SERVICES OR PURCHASING DIRECTOR**

APPROVAL (REQUIRED):

ARCHITECT: _____

DATE: _____

CONTRACTOR: _____

DATE: _____

RECOMMENDED FOR APPROVAL:

OSD DSA INSPECTOR: _____

DATE: _____

ASSISTANT SUPERINTENDENT BUSINESS AND FISCAL SERVICES

DATE: _____

APPROVAL (REQUIRED):

BOARD APPROVAL

DATE: _____

DIRECTOR OF PURCHASING: _____

DATE: _____

DSA APPROVAL

DATE: _____



CHANGE ORDER REQUEST

COR No. 16 R1

Date: 7/24/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Cost to provide power to the lift stations as required in Bulletin 3.

Reason: Sewer lift stations were added in Bulletin 3 and 3.1 due to the POC elevations for the sewer in the neighborhood being too high to allow flow, necessitating the installation of the lift stations. The pumps for the lift stations need electricity to function.

Requested By: SVA Architects

Reference: Bulletin 3

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to provide power to the lift stations as required in Bulletin 3.	Taft Electric Co	22,489
Reason: Sewer lift stations were added in Bulletin 3 and 3.1 due to the POC elevations for the sewer in the neighborhood being too high to allow flow, necessitating the installation of the lift stations. The pumps for the lift stations need electricity to function.		
Requested By: SVA Architects		
Reference: Bulletin 3		
		Subtotal:
		22,489
Contractual Costs		
Overhead 15%		3,373
		Subtotal:
		3,373
Total Change Order Request Amount:		25,862

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.



CHANGE ORDER REQUEST

_____ Signature	_____ <i>Rick Focht</i> Signature
_____ Printed Name & Title	_____ Rick Fochtman Executive Vice President Printed Name & Title
_____ Date	_____ 08-30-18 Date

*Approved - Jennifer McInane
CFW Prog. Mgr.*



Taff Electric
1694 Eastman Avenue
Ventura, California 93003
Phone: (805) 642-0121

Project: 2251 - Elm School
450 E Elm St,
Oxnard, California 93033
Phone: 805-654-7994

PCO #002

Change Order Request #002: Bulletin#3 Added Lift Stations R2

TO:	Bernards 555 1st St San Fernando, California, 91340	FROM:	Taff Electric Company 1694 Eastman Avenue Ventura California, 93003
PCO NUMBER/REVISION:	002 / 2	CONTRACT:	1 - Elm School Prime Contract
REQUEST RECEIVED FROM:	Jamie Pace (Bernards)	CREATED BY:	Matt Gobuly (Taff Electric Company)
STATUS:	Pending - In Review	CREATED DATE:	5/31 /2017
REFERENCE:	Bulletin#3	FIELD CHANGE:	No
SCHEDULE IMPACT:	14 days	LOCATION:	
TOTAL AMOUNT:	\$22,489.00		

POTENTIAL CHANGE ORDER TITLE: Bulletin#3 Added Lift Stations R2

CHANGE REASON: Client Request

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)
Provide power to two added lift stations per Bulletin #3.

Inclusions:

- Install Ctl Panel
- Note 8: Install Feeder from to KHM2,4,6 - 1"C.- 3#8+1#10GND TO LIFT STATION CONTROL PANEL -150
- Note 9: Install Manual Transfer Switch
- Note 10: Install L6-30R Receptacle
- 2" Sleeves to Wet Well Per Romtec
- Power & Cntl Terminations Per Romtec

FIR LIFT STATION @ MPR

- Install Ctl Panel
- Note 8: Install Feeder from to MHM2,4,6 - 1"C.- 3#8+1#10GND TO LIFT STATION CONTROL PANEL -125
- Note 9: Install Manual Transfer Switch
- Note 10: Install L6-30R Receptacle
- 2" Sleeves to Wet Well Per Romtec
- Power & Cntl Terminations Per Romtec

Taff to be present to assist during Startup of both lift stations.

Exclusions:

- Control panel, control cables, pump, pump motor, pump motor
- Cables & all lift station Equipment furnished by others
- Coring Wet Wells for Power & Control Conduit Penetrations
- Tel/data interface equipment
- Comm cable to IDF
- Programming, float level set & testing by others
- Plumbing
- Excavation for lift station

This quote is valid for 30 calendar days from the above date. We reserve our right to re-quote this proposal should the approval take longer than 30 days.
Attached is the back up for your review. Please call should you have any questions.

Matt Gobuly
Project Manager
(805)654-7994

Job ID: 2551 ELM SCHOOL COR
Project: 2551 Elm School COR



Takeoff

Vendor: TAFT

Labor Level: LABOR 1

19 Jul 2018 12:02:06

Region: COR 002 BULLETIN 3 LIFT STATIONS

Item #	Qty	U/M	Q/M	Size	Description	Material Unit	Material Result	Labor Unit	Labor Result
	0.00				MONTROSE LIFT STATION @ KINDERGARTEN				
	0.00				E1.2				
11	1.00		M		CTRL PANEL (UNDER 30LBS)	25.0000	25.00	5.0000	5.00
	0.00				NOTE 8 POWER FEED 1" C W/3#8+1#10 - 150'				
390448	4.00	YD	M	2 SACK	SLURRY CONCRETE ENCASEMENT	0.0000	0.00	0.3000	1.20
10059	150.00	FT	M	1	PVC SCH 40	0.3844	57.65	0.0525	7.88
20002	2.00	EA	M	1	PVC SCH 40 90-DEG ELBOW	0.8521	1.70	0.2500	0.50
400002	1.00	EA	M	11"X17"	PRECAST HANDHOLE	300.0000	300.00	3.0000	3.00
500155	3.00	EA	M	1	ENCLOSURE HOLE PUNCH	0.0000	0.00	0.5600	1.68
20066	3.00	EA	M	1	PVC FIELD BEND	0.0000	0.00	0.6000	1.80
40032	1.00	EA	M	QUART	PVC (GLUE) CEMENT	10.0320	10.03	0.2000	0.20
30288	2.00	EA	M	1	PVC MALE ADAPTER	0.3367	0.67	0.1800	0.36
240046	2.00	EA	M	1	GRC STRUT CLAMP GALV	2.0203	4.04	0.0300	0.06
20236	2.00	EA	M	1	GRC/PVC COATED 90-DEG ELBOW	21.3873	42.77	0.7000	1.40
10127	10.00	FT	M	1	PVC COATED GRC 40MIL	5.3111	53.11	0.1000	1.00
30460	2.00	EA	M	1	GRC/PVC COATED COUPLING	7.0597	14.12	0.4000	0.80
30002	2.00	EA	M	1	GRC COUPLING	2.6781	5.36	0.2000	0.40
10212	1.00	EA	M	1	CONDUIT CUT & THREAD	0.0000	0.00	0.4000	0.40
10048	20.00	FT	M	1	EMT	0.8285	16.57	0.0550	1.10
160824	1.00	EA	M	1	EMT 2-HOLE STEEL STRAP	0.4152	0.42	0.0450	0.05
30238	4.00	EA	M	1	EMT STEEL COMP IN-THROAT CONN	0.9617	3.85	0.1600	0.64
30554	1.00	EA	M	1	EMT LB CONDUIT BODY	19.0906	19.09	0.7500	0.75
30598	1.00	EA	M	1	EMT CONDUIT BODY CVR	5.6497	5.65	0.0396	0.04
30609	1.00	EA	M	1	NEO COND BODY GASKET	2.1718	2.17	0.0375	0.04
240007	10.00	FT	M	1 5/8" x 13/16"H	U-STRUT SGL-CHNL 16G STD GRN	1.7609	17.61	0.1225	1.23
160607	16.00	EA	M	3/8 x 1 1/2 - 3"	HAMMER DRILLED HOLE	0.0000	0.00	0.2800	4.48
160588	4.00	EA	M	1/4 x 2-1/4	BLUE TAPPER CONCRETE SCREW	0.1184	0.47	0.0344	0.14

Taft Electric Company

1694 Eastman Avenue
 Ventura, CA 93003

Phone: 805-642-0121

Web: www.taftelectric.com

Region: COR 002 BULLETIN 3 LIFT STATIONS

Item #	Qty	U/M	Q/M	Size	Description	Material Unit	Material Result	Labor Unit	Labor Result
180150	1.00	EA	M	20/3	BOLT-ON BREAKER	247.8980	247.90	1.0000	1.00
70030	160.00	FT	M	10	THHN/THWN CU (SOL)	0.1786	28.57	0.0070	1.12
70035	480.00	FT	M	8	THHN/THWN CU (STR)	0.3209	154.04	0.0090	4.32
100154	2.00	EA	M	8	WIRE TERMINATION	0.0000	0.00	0.2000	0.40
100153	8.00	EA	M	10	WIRE TERMINATION	0.0000	0.00	0.1800	1.44
	0.00				NOTE 9 TRANSFER SWITCH				
10	1.00		M		600V MANUAL TRANSFER SWITCH	0.0000	0.00	3.0000	3.00
	0.00				NOTE 10 N6-30R RECEPTACLE				
150396	1.00	EA	M	2-5/8" DEEP	1G ALUM WP (BELL) BOX W/ 3 x 1"HUBS	0.0000	0.00	0.6000	0.60
140152	1.00	EA	M	30A3W	TWIST-LOCK RECEPT L6-30R	0.0000	0.00	0.4000	0.40
140642	1.00	EA	M	VERT	1G WP SINGLE RECEPT PLATE	0.0000	0.00	0.2000	0.20
	0.00				CONDUIT & TERMINATIONS PER ROMTEC				
	0.00				2" SLEEVES TO WET WELL PER ROMTEC UTILITIES				
10062	40.00	FT	M	2	PVC SCH 40	0.8163	32.65	0.0800	3.20
20012	1.00	EA	M	2	PVC SCH 40 90-DEG ELBOW 36"R	12.4606	12.46	0.6000	0.60
20069	1.00	EA	M	2	PVC FIELD BEND	0.0000	0.00	1.0000	1.00
30291	2.00	EA	M	2	PVC MALE ADAPTER	0.7410	1.48	0.3000	0.60
30315	2.00	EA	M	2	PVC END BELLS	3.4324	6.86	0.3450	0.69
500158	2.00	EA	M	2	ENCLOSURE HOLE PUNCH	0.0000	0.00	0.7000	1.40
40031	1.00	EA	M	PINT	PVC (GLUE) CEMENT	7.0537	7.05	0.0250	0.03
500125	60.00	FT	M		PULL ROPE 1/4"	0.0708	4.25	0.0039	0.23
240049	2.00	EA	M	2	GRC STRUT CLAMP GALV	1.2545	2.51	0.0400	0.08
240001	4.00	FT	M	1 5/8" x 7/8"H	U-STRUT SGL-CHNL 12G STD GRN	2.8106	11.24	0.1225	0.49
160486	4.00	EA	M	3/8 x 3 1/2"	LAG BOLT	0.4354	1.74	0.1500	0.60
	0.00				PULL & TERMINATE POWER & CONTROL CABLE PER ROMTEC				
100154	1.00	EA	M	8	WIRE TERMINATION	0.0000	0.00	0.2000	0.20
100153	4.00	EA	M	10	WIRE TERMINATION	0.0000	0.00	0.1800	0.72
100152	16.00	EA	M	12	WIRE TERMINATION	0.0000	0.00	0.1600	2.56
90699	80.00	FT	M		INSTRUMENT CABLE FBO - OFCI	0.0000	0.00	0.0300	2.40
70668	20.00	FT	M	10/3	SJTO CORD	0.0000	0.00	0.0915	1.83
	0.00								
	0.00				FIR LIFT STATION @ MPR				
11	1.00		M		CTRL PANEL (UNDER 30LBS)	25.0000	25.00	5.0000	5.00
	0.00				NOTE 8 POWER FEED 1" C W/3#8+1#10 - 125'				

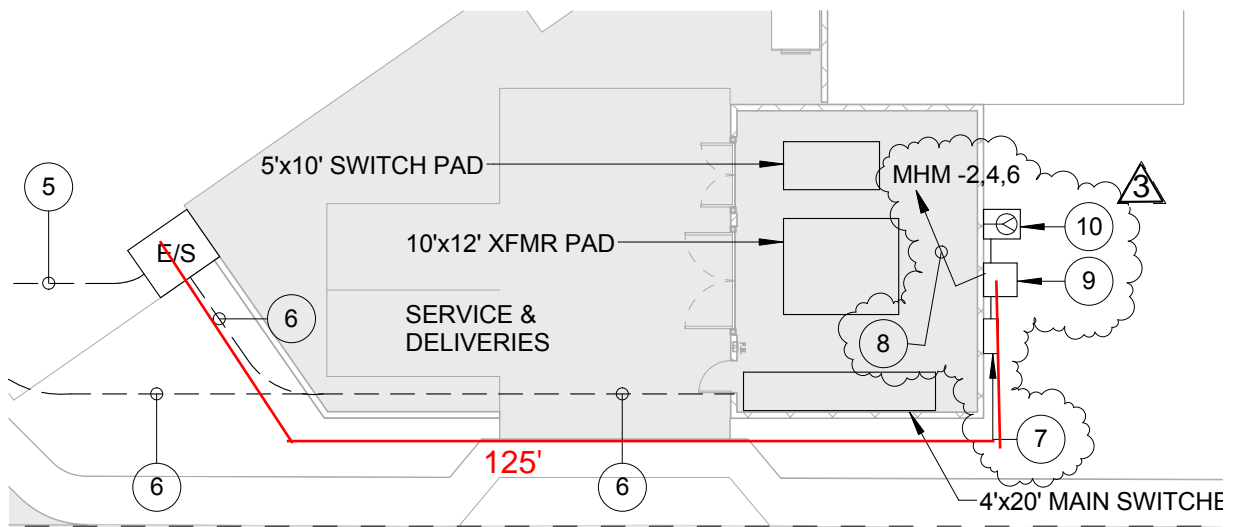
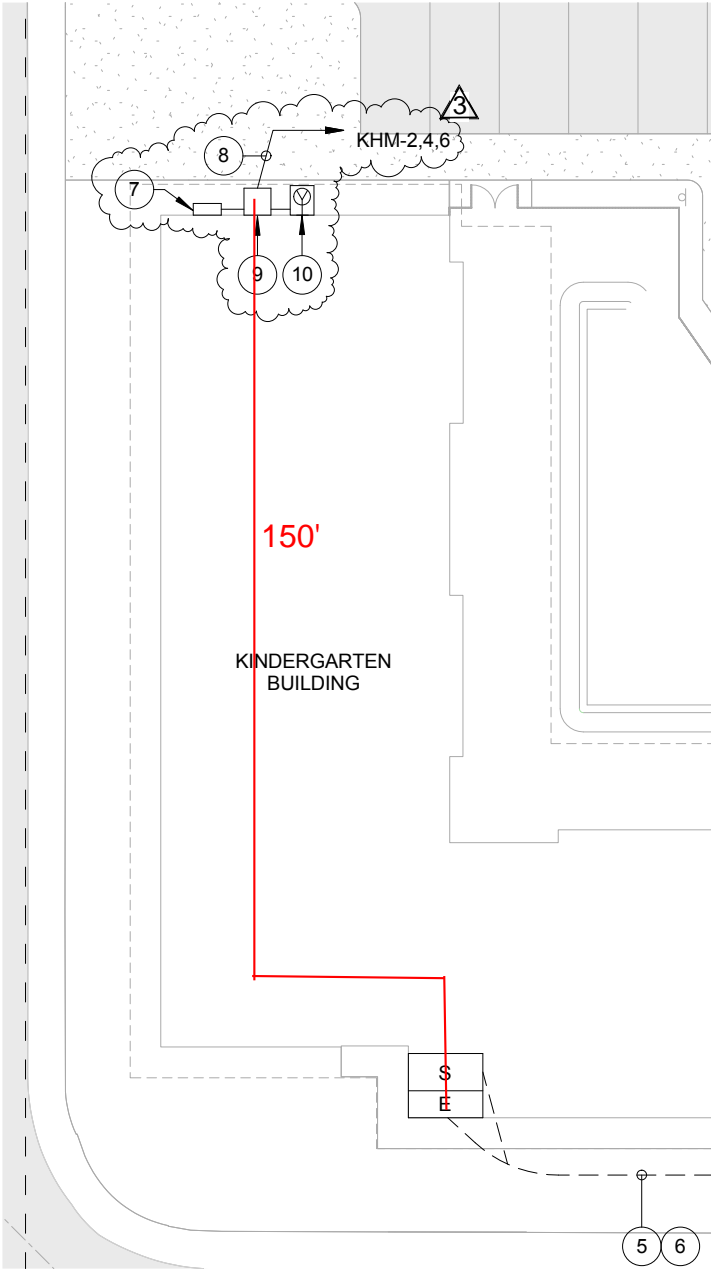
Region: COR 002 BULLETIN 3 LIFT STATIONS

Item #	Qty	U/M	Q/M	Size	Description	Material Unit	Material Result	Labor Unit	Labor Result
	0.00				--CONDUIT & TERMINATIONS TO NOTE 7,9&10				
390448	4.00	YD	M	2 SACK	SLURRY CONCRETE ENCASMENT	0.0000	0.00	0.3000	1.20
10059	125.00	FT	M	1	PVC SCH 40	0.3844	48.05	0.0525	6.56
20002	2.00	EA	M	1	PVC SCH 40 90-DEG ELBOW	0.8521	1.70	0.2500	0.50
500155	3.00	EA	M	1	ENCLOSURE HOLE PUNCH	0.0000	0.00	0.5600	1.68
20066	3.00	EA	M	1	PVC FIELD BEND	0.0000	0.00	0.6000	1.80
40032	1.00	EA	M	QUART	PVC (GLUE) CEMENT	10.0320	10.03	0.2000	0.20
30288	2.00	EA	M	1	PVC MALE ADAPTER	0.3367	0.67	0.1800	0.36
400002	1.00	EA	M	11"X17"	PRECAST HANDHOLE	300.0000	300.00	3.0000	3.00
240046	2.00	EA	M	1	GRC STRUT CLAMP GALV	2.0203	4.04	0.0300	0.06
20236	2.00	EA	M	1	GRC/PVC COATED 90-DEG ELBOW	21.3873	42.77	0.7000	1.40
10127	10.00	FT	M	1	PVC COATED GRC 40MIL	5.3111	53.11	0.1000	1.00
30460	2.00	EA	M	1	GRC/PVC COATED COUPLING	7.0597	14.12	0.4000	0.80
30002	2.00	EA	M	1	GRC COUPLING	2.6781	5.36	0.2000	0.40
10212	1.00	EA	M	1	CONDUIT CUT & THREAD	0.0000	0.00	0.4000	0.40
10048	1.00	FT	M	1	EMT	0.8285	0.83	0.0550	0.06
160824	1.00	EA	M	1	EMT 2-HOLE STEEL STRAP	0.4152	0.42	0.0450	0.05
30238	4.00	EA	M	1	EMT STEEL COMP IN-THROAT CONN	0.9617	3.85	0.1600	0.64
30554	1.00	EA	M	1	EMT LB CONDUIT BODY	19.0906	19.09	0.7500	0.75
30598	1.00	EA	M	1	EMT CONDUIT BODY CVR	5.6497	5.65	0.0396	0.04
30609	1.00	EA	M	1	NEO COND BODY GASKET	2.1718	2.17	0.0375	0.04
240007	10.00	FT	M	1 5/8" x 13/16"H	U-STRUT SGL-CHNL 16G STD GRN	1.7609	17.61	0.1225	1.23
160607	16.00	EA	M	3/8 x 1 1/2 - 3"	HAMMER DRILLED HOLE	0.0000	0.00	0.2800	4.48
160588	4.00	EA	M	1/4 x 2-1/4	BLUE TAPPER CONCRETE SCREW	0.1184	0.47	0.0344	0.14
180150	1.00	EA	M	20/3	BOLT-ON BREAKER	247.8980	247.90	1.0000	1.00
70030	135.00	FT	M	10	THHN/THWN CU (SOL)	0.1786	24.11	0.0070	0.95
70035	405.00	FT	M	8	THHN/THWN CU (STR)	0.3209	129.98	0.0090	3.65
100154	2.00	EA	M	8	WIRE TERMINATION	0.0000	0.00	0.2000	0.40
100153	8.00	EA	M	10	WIRE TERMINATION	0.0000	0.00	0.1800	1.44
	0.00				NOTE 9 TRANSFER SWITCH				
10	1.00		M		600V MANUAL TRANSFER SWITCH	0.0000	0.00	3.0000	3.00
	0.00				NOTE 10 N6-30R RECEPTACLE				
150396	1.00	EA	M	2-5/8" DEEP 21.3-CI	1G ALUM WP (BELL) BOX W/ 3 x 1" HUBS	0.0000	0.00	0.6000	0.60
140152	1.00	EA	M	30A3W 250V	TWIST-LOCK RECEPT L6-30R	0.0000	0.00	0.4000	0.40
140642	1.00	EA	M	VERT	1G WP SINGLE RECEPT PLATE	0.0000	0.00	0.2000	0.20

Region: COR 002 BULLETIN 3 LIFT STATIONS

Item #	Qty	U/M	Q/M	Size	Description	Material Unit	Material Result	Labor Unit	Labor Result
0.00						CONDUIT & TERMINATIONS PER ROMTEC			
0.00						2" SLEEVES TO WET WELL PER ROMTEC UTILITIES			
10062	40.00	FT	M	2	PVC SCH 40	0.8163	32.65	0.0800	3.20
20012	1.00	EA	M	2	PVC SCH 40 90-DEG ELBOW 36"R	12.4606	12.46	0.6000	0.60
20069	1.00	EA	M	2	PVC FIELD BEND	0.0000	0.00	1.0000	1.00
30291	2.00	EA	M	2	PVC MALE ADAPTER	0.7410	1.48	0.3000	0.60
30315	2.00	EA	M	2	PVC END BELLS	3.4324	6.86	0.3450	0.69
500158	2.00	EA	M	2	ENCLOSURE HOLE PUNCH	0.0000	0.00	0.7000	1.40
40031	1.00	EA	M	PINT	PVC (GLUE) CEMENT	7.0537	7.05	0.0250	0.03
500125	60.00	FT	M		PULL ROPE 1/4"	0.0708	4.25	0.0039	0.23
240049	2.00	EA	M	2	GRC STRUT CLAMP GALV	1.2545	2.51	0.0400	0.08
240001	4.00	FT	M	1 5/8" x 7/8"H	U-STRUT SGL-CHNL 12G STD GRN	2.8106	11.24	0.1225	0.49
160486	4.00	EA	M	3/8 x 3 1/2"	LAG BOLT	0.4354	1.74	0.1500	0.60
0.00						PULL & TERMINATE POWER & CONTROL CABLE PER ROMTEC			
100154	1.00	EA	M	8	WIRE TERMINATION	0.0000	0.00	0.2000	0.20
100153	4.00	EA	M	10	WIRE TERMINATION	0.0000	0.00	0.1800	0.72
100152	16.00	EA	M	12	WIRE TERMINATION	0.0000	0.00	0.1600	2.56
90699	80.00	FT	M		INSTRUMENT CABLE FBO - OFCI	0.0000	0.00	0.0300	2.40
70668	20.00	FT	M	10/3	SJTO CORD	0.0000	0.00	0.0915	1.83
Phase Totals:							2,128.24		123.27
Job Totals:							2,128.24		123.27

conduit routing



Watertight Devices
Accessories
Watertight FD Box, 1", Yellow

HUBBELL



Features

- 30 in3 FD box made of impact-resistant PBT
- Accepts duplex and single receptacles up to 50A
- External mounting feet

Ordering Information

Description	Device Color	UPC	Catalog Number
PBT FD Box	Yellow	783585528809	HBL60CM84A



Online Resources

[eCatalog](#)

Listings

Listed to UL514C / UL50E
Certified to CSA C22.2 No. 42
Meets NEMA WD-1, WD-6 and ANSI standards

Specifications

Box Enclosure	PBT
Mounting Plate	Stainless steel

Performance

Environmental	
Flammability	UL94 V-0

Dimensions in Inches (mm)

Hubbell Wiring Device-Kellems • Hubbell Incorporated (Delaware) • 40 Waterview Drive • Shelton, CT 06484

Phone (800) 288-6000 • Fax (800) 255-1031 • Specifications subject to change without notice.



Watertight Devices
30A, 250V, 2 Pole, 3 Wire
Twist-Lock® Receptacle

HUBBELL



Features

- Impact resistant PBT lid, cover plate, and receptacle body
- Thermoplastic elastomer seal
- Stainless steel hardware and corrosion-resistant connection points



Ordering Information

Description	Device Color	UPC	Catalog Number
Thermoplastic elastomer yellow receptacle	Yellow	783585433257	HBL69W48

Listings

Listed to UL498
Certified to CSA C22.2 No. 42
Meets NEMA WD-1, WD-6 and ANSI standards
UL Listed, CSA Certified to Type 4, 4X, 12, 6, 6P

Specifications

Body	PBT
Contact Carrier	White Nylon
Terminal Retainer	Clear polycarbonate
Contacts	Nickel plated brass
Core	White Nylon
Terminal Screws	Nickel plated brass
Hardware	Stainless Steel

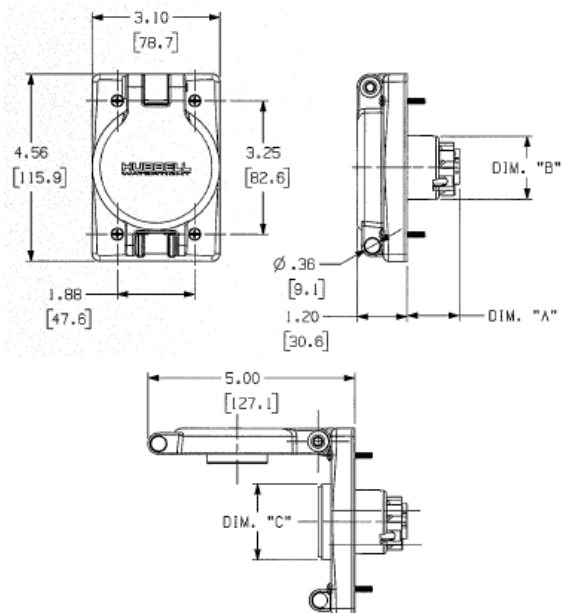
Performance

Electrical

Current Interrupting	Rated for current interruption per UL498
Dielectric Voltage	2500V AC
Max Working Voltage	As marked
Temperature Rise	30°C max per UL498 at rated current

Environmental

Moisture Resistance	UL Listed 4, 4X, 12, 6, 6P
Operating temperatures	-40°C (without impact) to +60°C continuous
UV resistance	All exposed materials are UV stabilized



Complementary Products

Watertight Plug	HBL28W48
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Online Resources

eCatalog

Dimensions in Inches (mm)

Hubbell Wiring Device-Kellems • Hubbell Incorporated (Delaware) • 40 Waterview Drive • Shelton, CT 06484

Phone (800) 288-6000 • Fax (800) 255-1031 • Specifications subject to change without notice.





Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

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Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

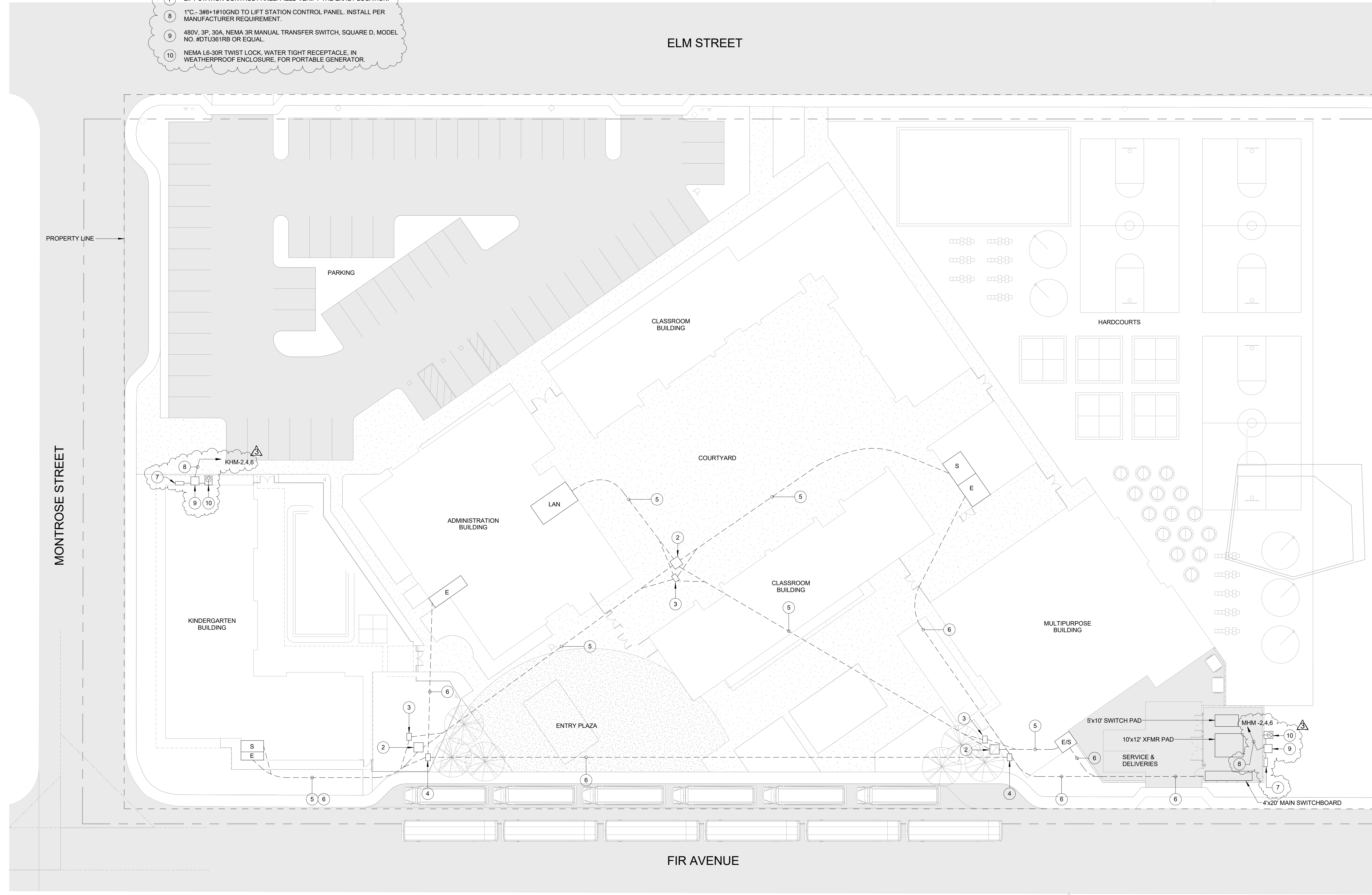
Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.

REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
 (1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
 (1) 2" - PAINTER COMMUNICATION/TELEPHONE SYSTEM
 (1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
 (1) 2" - FIRE ALARM SYSTEM
 (1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" - 3/8"-1/8" IODGND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT.
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA



ROSHANIAN & ASSOCIATES, INC.
 ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
 6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
 TEL: (323) 933-5252 FAX: (323) 933-5589

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC _____ FLS _____ SS _____
 DATE _____

REVISIONS:

DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015
 PROJECT NO: 1340159
 SCALE: 1" = 20'-0"

SHEET NUMBER: **E-1.2**
 SHEET TITLE:

ELECTRICAL SITE PLAN



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**TAFT ELECTRIC CO.
LABOR BURDEN REPORT
Period of July 30, 2018 to December 30, 2018**

**VENTURA COUNTY
LOCAL 952**

	JOURNEYMAN			FOREMAN			GEN. FOREMAN		
	St. Time	1.5 Time	2 Time	St. Time	1.5 Time	2 Time	St. Time	1.5 Time	2 Time
WAGES	\$ 39.08	\$ 58.62	\$ 78.16	\$ 43.50	\$ 65.24	\$ 86.99	\$ 47.91	\$ 71.87	\$ 95.82
HEALTH & WELFARE	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18
LOCAL PENSION	16.64	24.96	33.28	16.64	24.96	33.28	16.64	24.96	33.28
TRAINING FUND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
LMCC	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
N.E.I.F. (1%)	0.39	0.59	0.78	0.43	0.65	0.87	0.48	0.72	0.96
NAT. PENSION (3%)	1.17	1.76	2.34	1.30	1.96	2.61	1.44	2.16	2.87
UNION BURDEN	\$ 27.88	\$ 36.98	\$ 46.09	\$ 28.06	\$ 37.25	\$ 46.44	\$ 28.24	\$ 37.51	\$ 46.79
F.I.C.A. (7.65%)	\$ 2.99	\$ 4.48	\$ 5.98	\$ 3.33	\$ 4.99	\$ 6.65	\$ 3.67	\$ 5.50	\$ 7.33
F.U.I. (0.8%)	0.31	0.47	0.63	0.35	0.52	0.70	0.38	0.57	0.77
S.U.I. (6.2%)	2.42	3.63	4.85	2.70	4.05	5.39	2.97	4.46	5.94
TAX BURDEN	\$ 5.73	\$ 8.59	\$ 11.45	\$ 6.37	\$ 9.56	\$ 12.74	\$ 7.02	\$ 10.53	\$ 14.04
LIABILITY INSURANCE 5.4%	\$ 2.11	\$ 3.17	\$ 4.22	\$ 2.35	\$ 3.52	\$ 4.70	\$ 2.59	\$ 3.88	\$ 5.17
WORKMAN'S COMP	1.05	1.05	1.05	1.17	1.17	1.17	1.29	1.29	1.29
INSURANCE BURDEN	\$ 3.16	\$ 4.22	\$ 5.27	\$ 3.52	\$ 4.69	\$ 5.87	\$ 3.88	\$ 5.17	\$ 6.46
DIRECT COST PER HOUR	\$ 75.85	\$ 108.41	\$ 140.97	\$ 81.45	\$ 116.75	\$ 152.05	\$ 87.05	\$ 125.08	\$ 163.12
DIRECT COST PER DAY	\$ 606.81		\$ 65.12	\$ 651.59		\$ 70.60	\$ 696.36		\$ 76.07
DIRECT COST PER WEEK	\$ 3,034.05			\$ 3,257.93			\$ 3,481.81		

NOTES:
 WORKMAN'S COMP RATES: LESS THAN \$32.00/HOUR = 5.658%
 WORKMAN'S COMP RATES: GREATER THAN \$32.00/HOUR = 2.693%

TAFT ELECTRIC CO.
Labor Rate
Jan 1 thru July 30 2018

VENTURA COUNTY
LOCAL 952

		JOURNYMAN			FOREMAN			GEN. FOREMAN		
		St. Time	1.5 Time	2 Time	St. Time	1.5 Time	2 Time	St. Time	1.5 Time	2 Time
Direct Cost p/ hour		\$75.85	\$108.41	\$140.97	\$81.45	\$116.75	\$152.05	\$87.05	\$125.08	\$163.12
Small Tools	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Safety	2.5%	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90
Clean Up	3.0%	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28
Totals		\$80.02	\$112.58	\$145.14	\$85.62	\$120.92	\$156.22	\$91.22	\$129.25	\$167.29
Mark Up	0.0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total		\$80.02	\$112.58	\$145.14	\$85.62	\$120.92	\$156.22	\$91.22	\$129.25	\$167.29

TAFT ELECTRIC COMPANY
 Labor Rate
 Jan 1 thru July 30 2018

VENTURA COUNTY
 LOCAL 952
 APPRENTICES

	JRYM	40%	45%	50%	60%	70%	85%			
Direct Cost	\$75.85	\$29.46	\$31.99	\$51.66	\$56.73	\$61.80	\$68.42	\$0.00	\$0.00	\$0.00
Small Tools (3%)	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Safety (2.5%)	2.5%	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90		
Clean Up (3%)	3%	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28	\$2.28		
Sub Total	\$80.02	\$33.63	\$36.16	\$55.83	\$60.90	\$65.97	\$72.59	\$0.00	\$0.00	\$0.00
Mark Up	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Grand Total	\$80.02	\$33.63	\$36.16	\$55.83	\$60.90	\$65.97	\$72.59	\$0.00	\$0.00	\$0.00

TAFT ELECTRIC CHANGE REQUEST PROPOSAL

LABOR RATE CALCULATIONS

PROJECT: Elm School Reconstruction JOB# 2551 TEC CR#: 0
 CUST RFP#: 0

STRAIGHT TIME CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$0.00
FOREMAN	1.00	\$85.62
JOURNEYMAN	2.00	\$80.02
APPRENTICE	1.00	\$72.59
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$79.56

SHIFT WORK CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$74.93
FOREMAN	0.00	\$69.80
JOURNEYMAN	0.00	\$64.65
APPRENTICE	0.00	\$53.56
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$0.00

OVERTIME CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$87.83
FOREMAN	0.00	\$92.70
JOURNEYMAN	0.00	\$85.40
APPRENTICE	0.00	\$74.65
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$0.00

GRAVEYARD CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$87.83
FOREMAN	0.00	\$92.70
JOURNEYMAN	0.00	\$85.40
APPRENTICE	0.00	\$74.65
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$0.00

DOUBLE TIME CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$109.30
FOREMAN	0.00	\$115.60
JOURNEYMAN	0.00	\$106.15
APPRENTICE	0.00	\$89.95
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$0.00

OTHER CALCULATIONS		
CLASS	HOURS	RATE
G. FOREMAN	0.00	\$109.30
FOREMAN	0.00	\$115.60
JOURNEYMAN	0.00	\$106.15
APPRENTICE	0.00	\$89.95
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
	0.00	\$0.00
COMPOSITE RATE		\$0.00

* THE ABOVE RATES ARE IN EFFECT UNTIL 9/25/2005

TAFT ELECTRIC COMPANY
LABOR BURDEN REPORT
 Period of July 30, 2018 to December 30, 2018

VENTURA COUNTY
 LOCAL 952

APPRENTICES - Indentured after 10/01/2012

	40%		45%		50%		60%		70%		85%	
WAGES	\$ 15.63	\$ 23.45	\$ 17.59	\$ 26.38	\$ 19.54	\$ 29.31	\$ 23.45	\$ 35.17	\$ 27.36	\$ 41.03	\$ 33.22	\$ 49.83
HEALTH & WELFARE	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18	\$ 8.18
LOCAL PENSION	-	-	-	-	16.64	24.96	16.64	24.96	16.64	24.96	16.64	24.96
TRAINING FUND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
LMCC	-	-	-	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
NAT. PENSION (3%)	0.47	0.70	0.53	0.79	0.59	0.88	0.70	1.06	0.82	1.23	1.00	1.49
N.E.I.F. (1%)	<u>0.16</u>	<u>0.23</u>	<u>0.18</u>	<u>0.26</u>	<u>0.20</u>	<u>0.29</u>	<u>0.23</u>	<u>0.35</u>	<u>0.27</u>	<u>0.41</u>	<u>0.33</u>	<u>0.50</u>
UNION BURDEN	\$ 9.81	\$ 10.12	\$ 9.88	\$ 10.24	\$ 27.10	\$ 35.81	\$ 27.26	\$ 36.05	\$ 27.41	\$ 36.28	\$ 27.65	\$ 36.63
F.I.C.A. (7.65%)	\$ 1.20	\$ 1.79	\$ 1.35	\$ 2.02	\$ 1.49	\$ 2.24	\$ 1.79	\$ 2.69	\$ 2.09	\$ 3.14	\$ 2.54	\$ 3.81
F.U.I. (.8%)	0.13	0.19	0.14	0.21	0.16	0.23	0.19	0.28	0.22	0.33	0.27	0.40
S.U.I. (6.2%)	<u>0.97</u>	<u>1.45</u>	<u>1.09</u>	<u>1.64</u>	<u>1.21</u>	<u>1.82</u>	<u>1.45</u>	<u>2.18</u>	<u>1.70</u>	<u>2.54</u>	<u>2.06</u>	<u>3.09</u>
TAX BURDEN	\$ 2.29	\$ 3.44	\$ 2.58	\$ 3.86	\$ 2.86	\$ 4.29	\$ 3.44	\$ 5.15	\$ 4.01	\$ 6.01	\$ 4.87	\$ 7.30
LIABILITY INSURANC 5.4%	\$ 0.84	\$ 1.27	\$ 0.95	\$ 1.42	\$ 1.06	\$ 1.58	\$ 1.27	\$ 1.90	\$ 1.48	\$ 2.22	\$ 1.79	\$ 2.69
WORKMAN'S COMP	<u>0.88</u>	<u>0.88</u>	<u>1.00</u>	<u>1.00</u>	<u>1.11</u>	<u>1.11</u>	<u>1.33</u>	<u>1.33</u>	<u>1.55</u>	<u>1.55</u>	<u>0.89</u>	<u>0.89</u>
INSURANCE BURDEN	\$ 1.73	\$ 2.15	\$ 1.94	\$ 2.42	\$ 2.16	\$ 2.69	\$ 2.59	\$ 3.23	\$ 3.03	\$ 3.76	\$ 2.69	\$ 3.59
DIRECT COST PER HOUR	\$ 29.46	\$ 39.15	\$ 31.99	\$ 42.90	\$ 51.66	\$ 72.10	\$ 56.73	\$ 79.60	\$ 61.80	\$ 87.09	\$ 68.42	\$ 97.34
	\$ 9.70	\$ 10.91	\$ 10.91	\$ 10.91	\$ 20.44	\$ 22.86	\$ 22.86	\$ 25.29	\$ 25.29	\$ 25.29	\$ 28.92	\$ 28.92
DIRECT COST PER DAY	\$ 235.65	\$ 313.21	\$ 255.92	\$ 343.19	\$ 413.32	\$ 576.84	\$ 453.87	\$ 633.60	\$ 494.42	\$ 683.82	\$ 547.37	\$ 778.72
DIRECT COST PER WEEK	\$ 1,178.24	\$ 1,566.07	\$ 1,279.62	\$ 1,715.93	\$ 2,066.60	\$ 2,884.19	\$ 2,269.36	\$ 3,088.00	\$ 2,472.12	\$ 3,358.92	\$ 2,736.86	\$ 3,665.44

NOTES:

WORKMAN'S COMP RATES: LESS THAN \$32.00/HOUR = 5.658%

WORKMAN'S COMP RATES: GREATER THAN \$32.00/HOUR = 2.693%



CHANGE ORDER REQUEST

COR No. 27 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3.1 Sewer Changes

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to remove and reinstall sanitary sewer to change elevation in vicinity of Montrose pump station.	J Vega Engineering Inc	23,881
Reason: Sanitary sewer was installed per contract before the issuance of Bulletins 3 and 3.1. The sewer elevation needed to be adjusted to work with the pump station at Montrose.		
Requested By: SVA Architects		
Ref: Bulletin 3.1		
		Subtotal: 23,881
Contractual Costs		
Overhead 15%		3,582
		Subtotal: 3,582
Total Change Order Request Amount:		27,463

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman, Executive Vice President

Printed Name & Title

Date

8-30-18

Date

*Approved - Jennifer McLean
CFW Proj. Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 5/25/2017
INVOICE # 315

Job: ORDER BULLETIN 3-1

To Bernard's Bros. Inc.
 555 First Street
 San Fernando CA, 91340
 818-898-1521

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
						Elm Elementary School

ITEM	DESCRIPTION	LABORER	MATERIAL	EQUIPMENT AND TOOLS	TOTAL
1	Removal and reinstallation of 6" SDR 35 sewer line at deeper flow line per Bulletin 3.1	Laborer: 2 hrs. 2 \$62.47 T: \$124.94 Operator: 2 hrs. @ \$83.57 T: \$167.14 Total: \$292.08	Fill Sand \$244.92	Backhoe Compactor: \$100.00	\$637.00
2	Removal and reinstallation of 6" SDR 35 sewer pipe and laterals	Laborer: 16 hrs. @ \$64.47 T: \$999.52 Operator: 8 hrs. @ \$83.57 T: \$668.56 Total: \$1,668.00	Pipe and Fittings \$1,289.92	Backhoe 1 day@ \$350.00 Tool Truck 1 day @ \$445.00 Total: \$795.00	\$3,753.00
3	Removal and reinstallation of 6" SDR 35 sewer pipe, clean outs and laterals	Laborer: 16 hrs. @ \$62.47 T: \$999.52 Operator: 16 hrs. @ \$83.57 T: \$1,337.12	Pipe and Fitting \$861,36	Backhoe 2 days @\$350.00 T: \$700.00 Truck and Tools: 2 days @ \$445.00 T: \$890.00 Total: \$1,590.00	\$4,787.36

ITEM	DESCRIPTION	LABORER	MATERIAL	EQUIPMENT AND TOOLS	TOTAL
		Total: \$2,336.64			
4	Removal and reinstallation of 6" SDR 35 sewer pipe, sand shade and compact trenches	Laborer: 16 hrs. @ \$80.64 T: \$1,290.24 Operator Premium time: 8hrs. @ \$132.55 T: \$1,060.40 Total: \$2,350.64	Pipe and Fitting \$1,815.36	Backhoe 1 day @ \$350.00 Truck and Tools: 1 day @ \$445.00 Total: \$795.00	\$4,961.00
5	Completion of removal and reinstallation of 6" SDR 35 sewer line include sand shade, compaction of trench and air test.	Laborer: 24 hrs. @ \$62.47 T: \$1,499.28 Operator: 16 hrs. @ \$83.57 T: \$1,337.12 Total: \$2,836.40	Sand Pipe Fitting \$2,201.60	Backhoe 2 days @ \$350.00 T: \$700.00 Truck and Tools: 2 days @ \$445.00 T: \$890.00 Total: \$1,590.00	\$6,628.00
				Subtotal	\$20,766.36
				15% Mark up	\$3,114.95
				Total	\$23,881.30

Make all checks payable to J. VEGA ENGINEERING, INC.

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	<u>J VEGA ENGINEERING, INC</u>	Trade:	<u>Laborer (Group 3)</u>
Date:	<u>6/23/2017</u>	Classification:	<u>Journeyman</u>
Project:	<u>ELM ST, ELEMENTARY</u>	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	<u>July 2, 2017</u>		

	<u>Straight Time</u>	<u>Time & 1/2</u>	<u>Double Time</u>
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
Hourly Taxable Wage Costs Subtotal	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
Hourly Benefits Subtotal	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 03-116407

AC: FLS SS
DATE:

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING

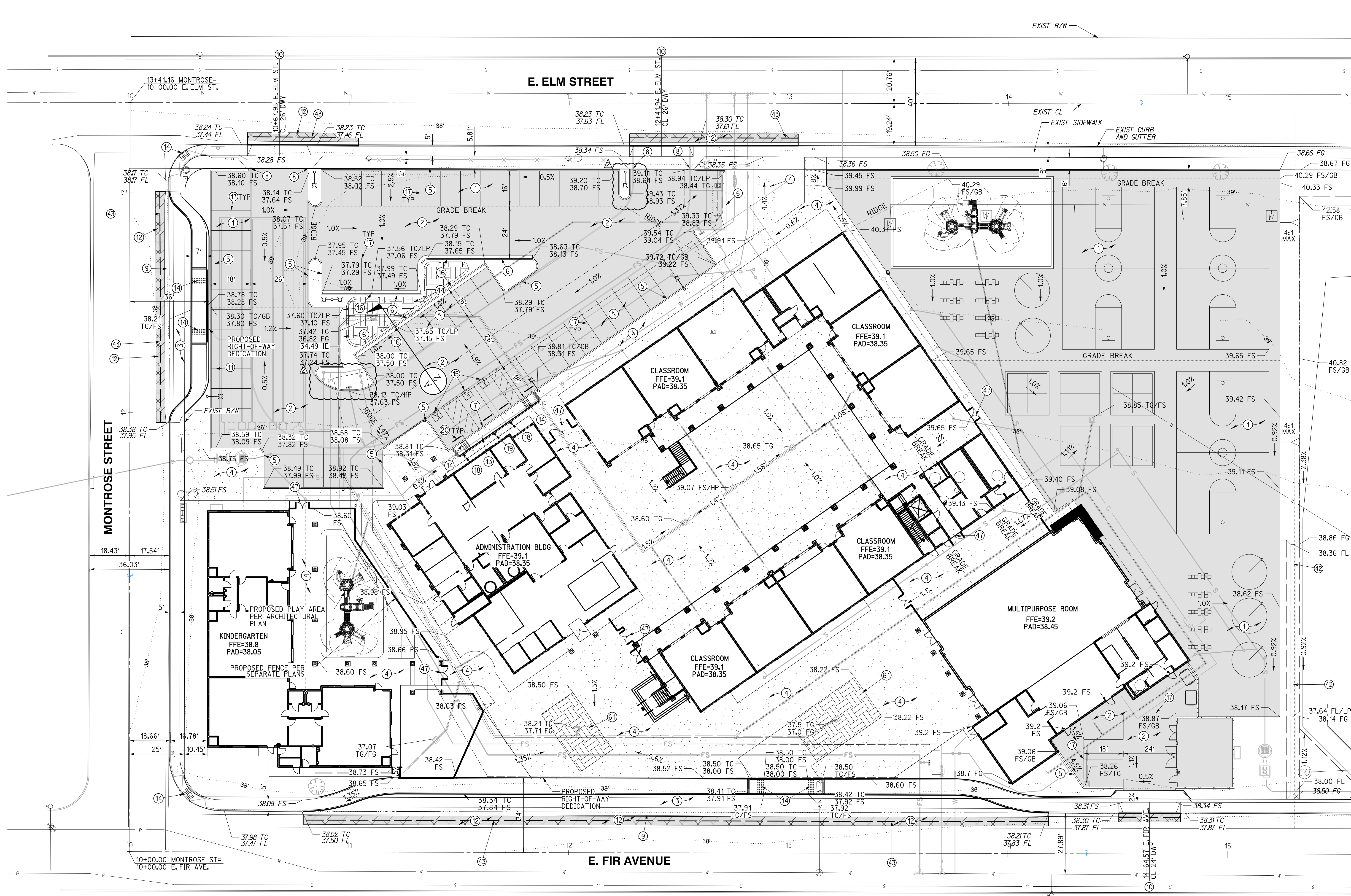


1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rick@ricons.com



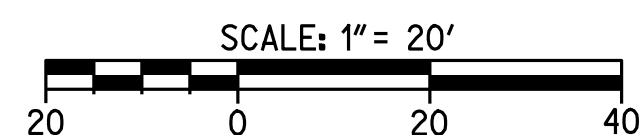
3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM



GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

1) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	12) GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
2) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	13) CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
3) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	14) INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
4) CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	15) APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
5) CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	16) CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
6) CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	17) APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
7) CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	18) INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
8) CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	19) INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
9) CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	20) INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
10) CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	42) CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
11) CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	43) SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		44) CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		47) INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		6) CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



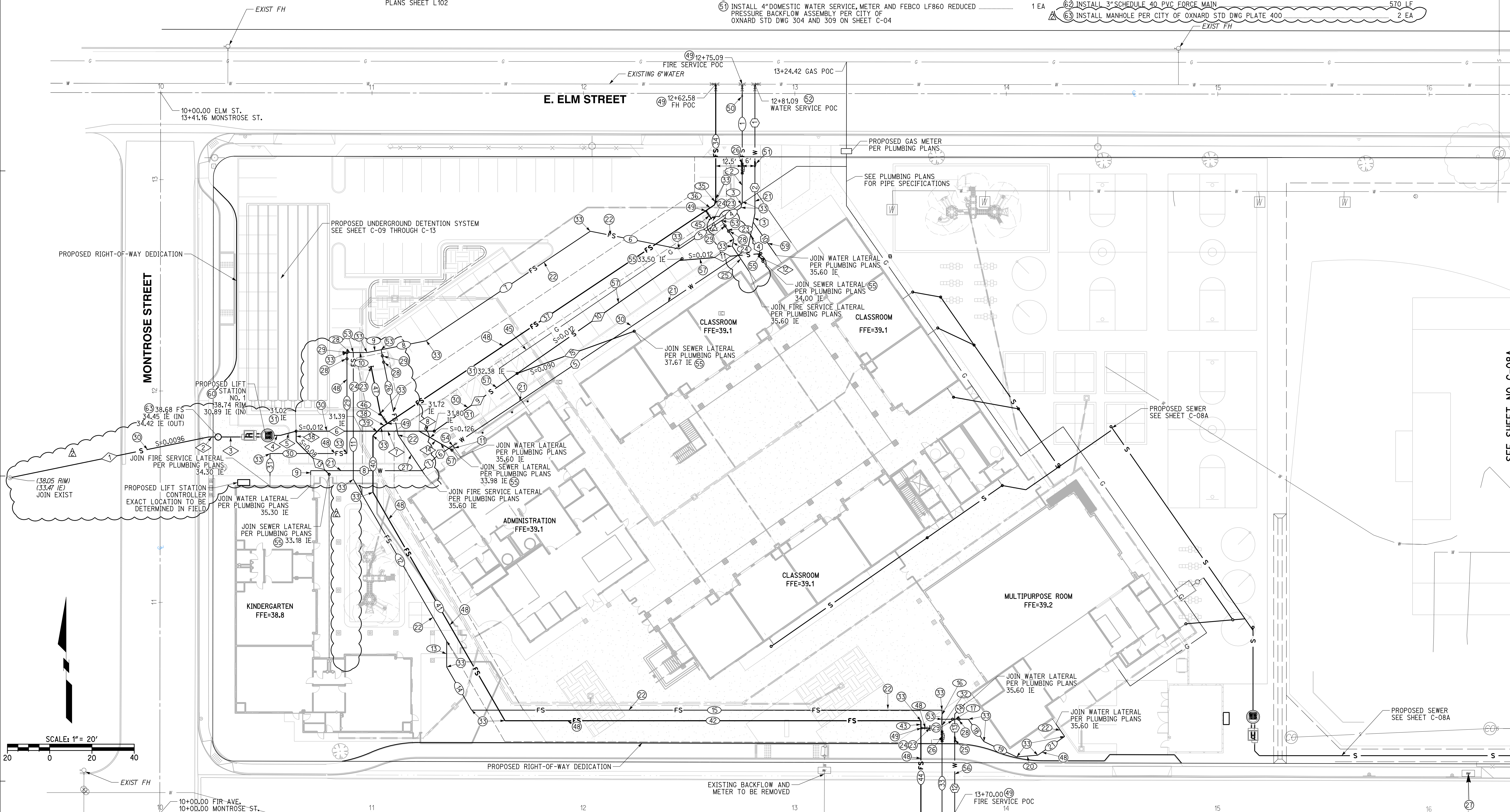
San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com



T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | | | | |
|---|----------|--|--------|--|--------|
| 21) INSTALL 4" C-900 PVC WATER SERVICE | 250 LF | 28) INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS | 4 EA | 62) INSTALL 6"x6"x4" TEE | 1 EA |
| 22) INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE | 1,000 LF | 29) INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS | 4 EA | 63) INSTALL 8"x8"x8" TEE | 5 EA |
| 23) INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 30) INSTALL 6" SDR-35 PVC SEWER | 600 LF | 64) INSTALL 4"x4"x4" TEE | 1 EA |
| 24) INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04 | 2 EA | 31) INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 13 EA | 65) INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 10 EA |
| 25) INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 | 1 EA | 32) CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 | 2 EA | 66) INSTALL 2.5" COPPER WATER SERVICE | 50 LF |
| 26) INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 | 2 EA | 33) INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 | 30 EA | 67) INSTALL 4" SDR-35 PVC SEWER | 350 LF |
| 27) CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET L102 | 1 EA | 48) INSTALL GAS SERVICE BY OTHERS | 850 LF | 68) INSTALL 2" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL | 95 LF |
| | | 49) INSTALL 6" C-900 PVC FIRE SERVICE | 700 LF | 69) INSTALL 2.5" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL | 25 LF |
| | | 49) INSTALL 6"x6"x6" TEE | 7 EA | 70) INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL | 2 EA |
| | | 50) INSTALL 8" TO 6" REDUCER | 2 EA | 71) INSTALL 3" SCHEDULE 40 PVC FORCE MAIN | 570 LF |
| | | 51) INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 | 1 EA | 72) INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400 | 2 EA |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/IB PVC
7	N 45°00'00" E		8.95'	2" D2241/IB PVC
8	N 90°00'00" W		52.75'	2" D2241/IB PVC
9	N 0°00'00" E		2.00'	2" D2241/IB PVC
10	N 34°49'35" W		19.14'	2" D2241/IB PVC
11	N 33°45'00" W		1.47'	2.5" COPPER
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/IB PVC
14	N 45°00'00" E		6.93'	2.5" D2241/IB PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	6" SDR-35 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		8.81'	6" SDR-35 PVC
4	N 90°00'00" W		3.00'	6" SDR-35 PVC
5	N 75°00'00" E		7.73'	6" SDR-35 PVC
6	N 90°00'00" W		30.84'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		22.08'	4" SDR-35 PVC
14	N 60°00'00" W		17.98'	4" SDR-35 PVC
15	N 20°09'36" E		58.87'	4" SDR-35 PVC
16	N 0°00'00" E		4.83'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

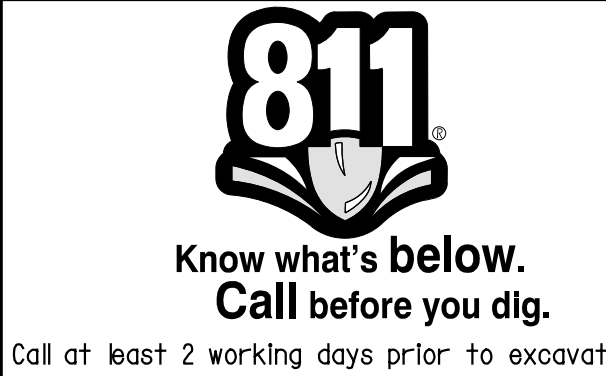
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" E		11.09'	8" C-900 PVC
5	N 56°15'00" E		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		93.30'	8" C-900 PVC
8	N 78°45'00" W		21.76'	8" C-900 PVC
9	N 78°45'00" E		6.77'	8" C-900 PVC
10	N 90°00'00" W		6.52'	8" C-900 PVC
11	N 0°00'00" E		59.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		3.52'	8" C-900 PVC
25	N 33°45'00" W		14.35'	8" C-900 PVC
26	N 11°15'00" W		41.05'	8" C-900 PVC
27	N 33°45'00" W		22.52'	8" C-900 PVC
28	N 90°00'00" W		3.00'	8" C-900 PVC
29	N 0°00'00" E		47.79'	8" C-900 PVC
30	N 90°00'00" W		36.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	8" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		4.42'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.47'	6" C-900 PVC
48	N 90°00'00" W		4.25'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-08A**

SHEET TITLE:

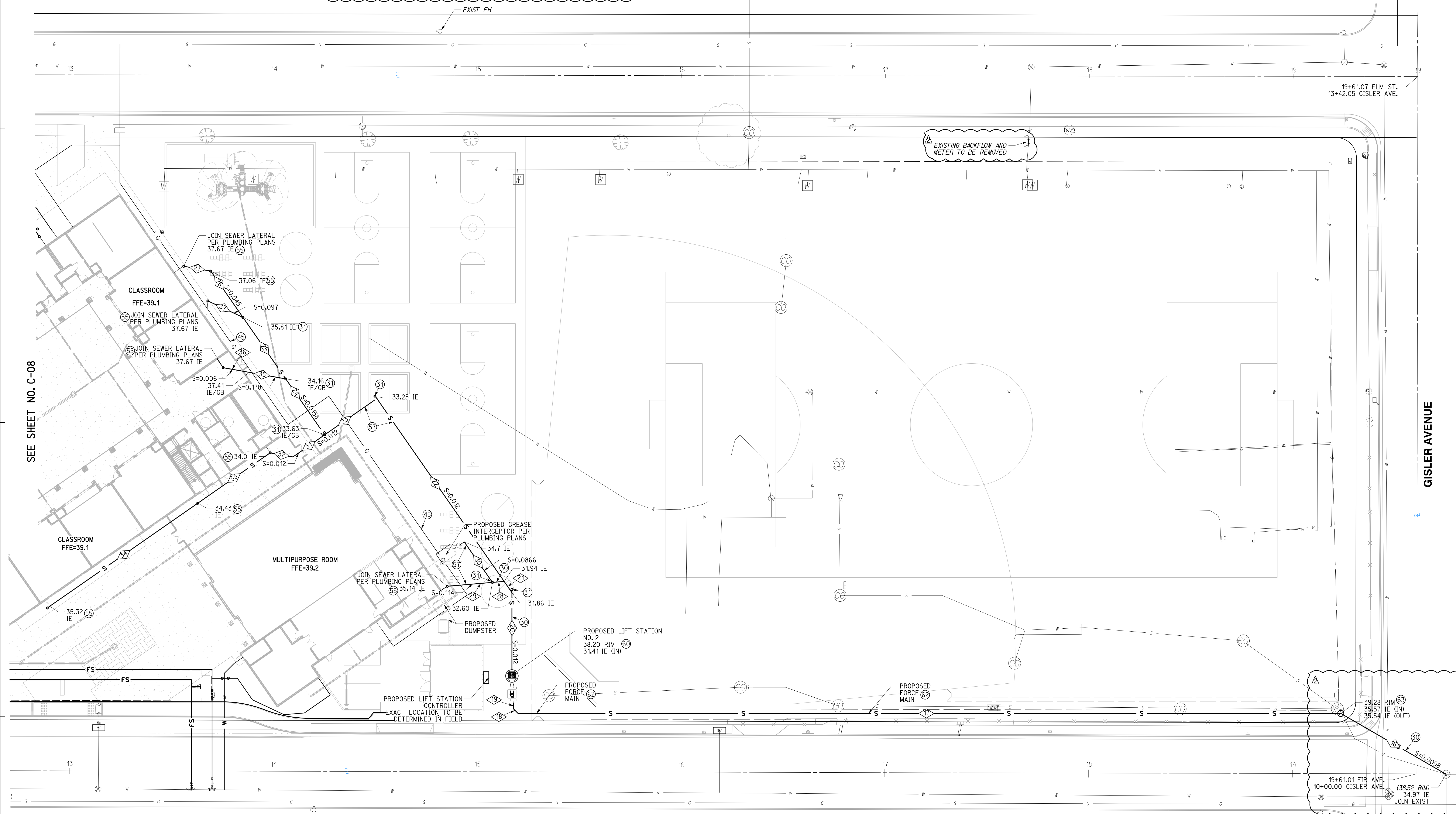
UTILITY PLAN

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

SVA
 ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

50	INSTALL 6" SDR-35 PVC SEWER	600 LF
51	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
49	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
63	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA



SEWER DATA

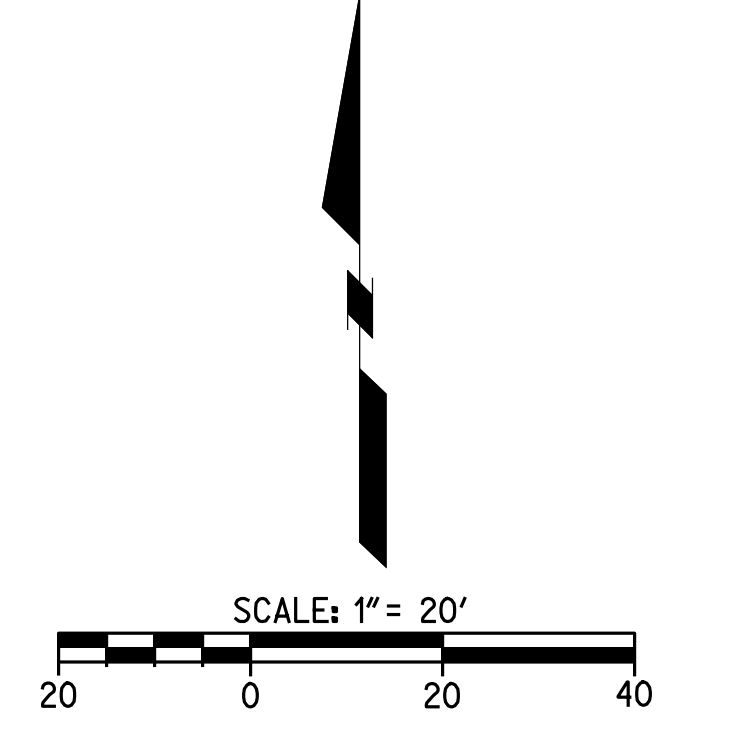
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC

811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033

PROJECT INFO

Job Name: Montrose
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Wastewater

PACKAGE/STARTUP

Offering: Complete System
 Mechanical: Pumps
 Control Panel: Control Panel
 Startup: Startup

WET WELL SUMMARY

Material: Concrete
 Diameter: 5 Feet
 Height: 12.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: PVC SCH80
 Disch. Piping Type: Straight Through
 Lining: Unlined

WET WELL TOP

Traffic Rating: H-20 Occasional
 Hatch Options: None
 Vent Options: Vent (Cast in top slab)

WET WELL BASE

Base: Flat ramp for #400 ring
 Lining: No Lining

CRANE

Crane: N/A

FORCE MAIN

Length: 3 Feet
 Type/Rating: PVC SCH80
 FM High Point: 18.45

DUTY POINT

Pumping Rate: 32 GPM (Total)
 Static Head: 0.7 Feet
 TDH: 8.5 Feet

PRIMARY PUMPS

Manufacturer: Grundfos
 Model: SDCK 75-CR-83
 Impeller Model/Dis: 0 / 0
 Motor HP: 1 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 32
 Mix Flush Valve: N/A

ROCKY PUMP

Manufacturer: N/A
 Model: 0
 Impeller Model/Dis: 0 / 0
 Motor HP: 0
 Voltage/Phase: 0
 Cable Length: 0
 Mix Flush Valve: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
30.89		Invert
29.49	0.00	HL Alarm
29.32	0.25	Log Start
28.74	0.50	Lead Start
27.74	1.00	Pump Stop
25.74	2.00	Sump Floor

METER VAULT

Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Shut Off Options: Direct Op Nut
 Options: 0

CONTROL PANEL

Power: 480V / 3-Phase
 Controller: Alternator
 Primary Sensor: 4-Base
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep
 Options: Audible Alarm

GENERATOR

Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0
 Control Building: N/A
 Type: 0

PROJECT INFO

Job Name: Fir
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Wastewater

PACKAGE/STARTUP

Offering: Complete System
 Mechanical: Pumps
 Control Panel: Control Panel
 Startup: Startup

WET WELL SUMMARY

Material: Concrete
 Diameter: 5 Feet
 Height: 10.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: PVC SCH80
 Disch. Piping Type: Straight Through
 Lining: Unlined

WET WELL TOP

Traffic Rating: H-20 Occasional
 Hatch Options: None
 Vent Options: Vent (Cast in top slab)

WET WELL BASE

Base: Flat ramp for #400 ring
 Lining: No Lining

CRANE

Crane: N/A

FORCE MAIN

Length: 3 Feet
 Type/Rating: PVC SCH80
 FM High Point: 35.57

DUTY POINT

Pumping Rate: 32 GPM (Total)
 Static Head: 0.7 Feet
 TDH: 13.1 Feet

PRIMARY PUMPS

Manufacturer: Grundfos
 Model: SDCK 75-CR-83
 Impeller Model/Dis: 0 / 0
 Motor HP: 1 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 32
 Mix Flush Valve: N/A

ROCKY PUMP

Manufacturer: N/A
 Model: 0
 Impeller Model/Dis: 0 / 0
 Motor HP: 0
 Voltage/Phase: 0
 Cable Length: 0
 Mix Flush Valve: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
33.83		Invert
30.70	0.00	HL Alarm
30.45	0.25	Log Start
29.95	0.50	Lead Start
29.20	0.75	Pump Stop
27.20	2.00	Sump Floor

METER VAULT

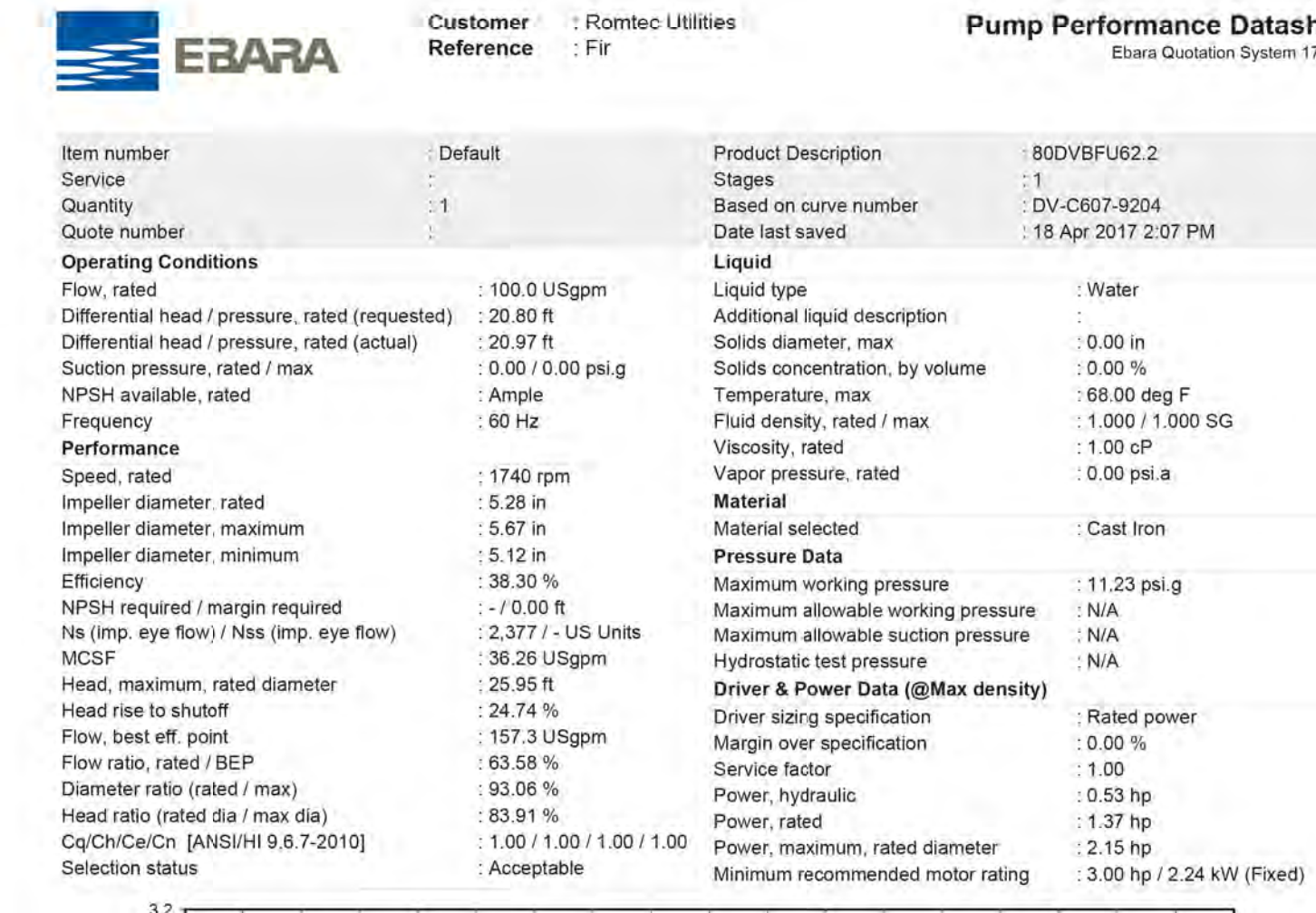
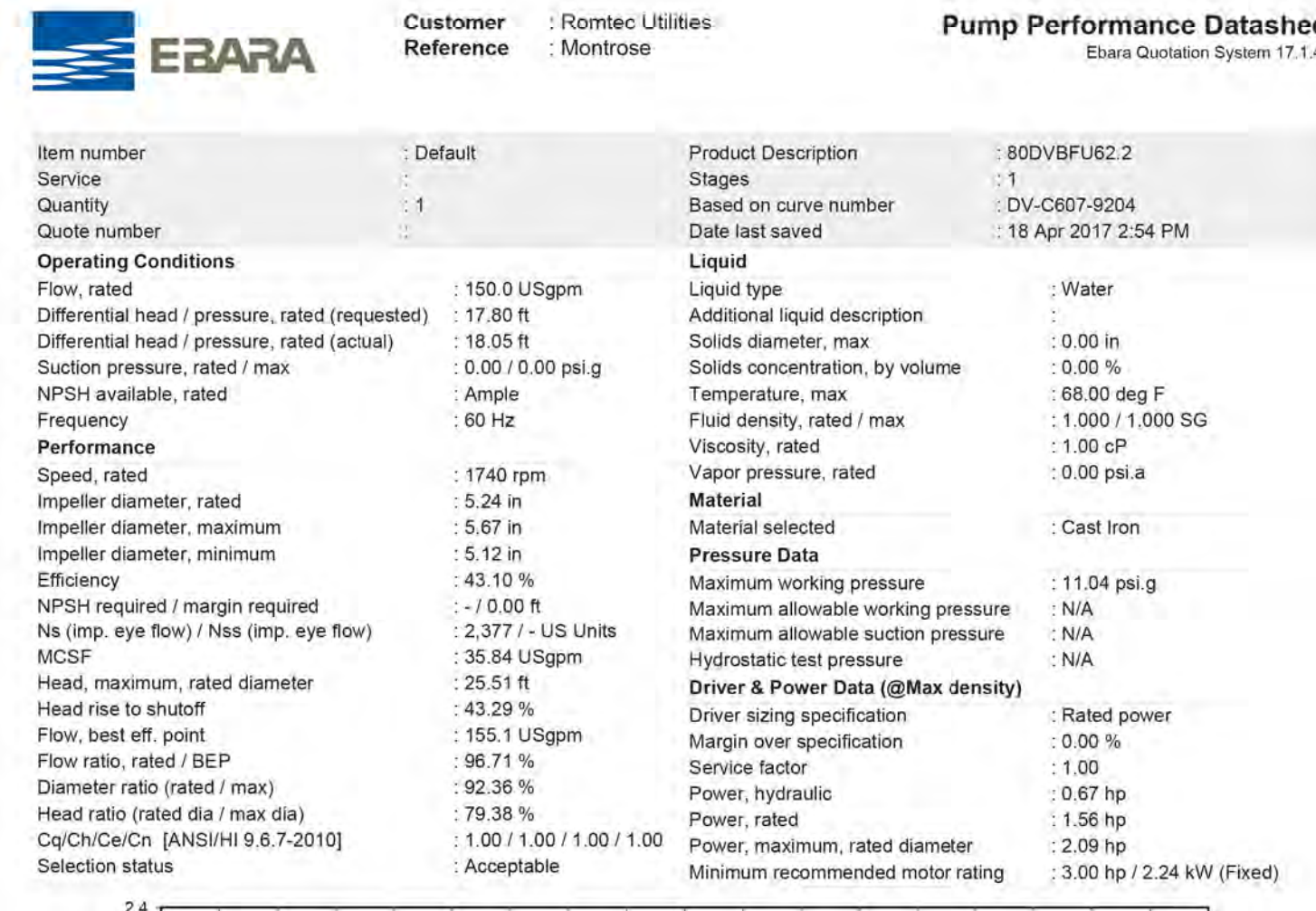
Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Shut Off Options: Direct Op Nut
 Options: 0

CONTROL PANEL

Power: 480V / 3-Phase
 Controller: Alternator
 Primary Sensor: 4-Base
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep
 Options: Audible Alarm

GENERATOR

Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0
 Control Building: N/A
 Type: 0



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
A# 03-116407
 AC: FLS SS: SS
 DATE: _____

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: NONE
SHEET NUMBER: C-08B
SHEET TITLE:

LIFT STATION DETAILS

RICK ENGINEERING COMPANY
 1770 IOWA AVENUE SUITE 100 RIVERSIDE, CA 92507
 951.782.0707 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo Sacramento - Bakersfield - Tucson - Phoenix
 RICK@RICKENG.COM

SVA ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017
3		
4		
5		
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14		
15		
16		
17		
18		
19		
20		

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-09**

SHEET TITLE:

STORM DRAIN PLAN



1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

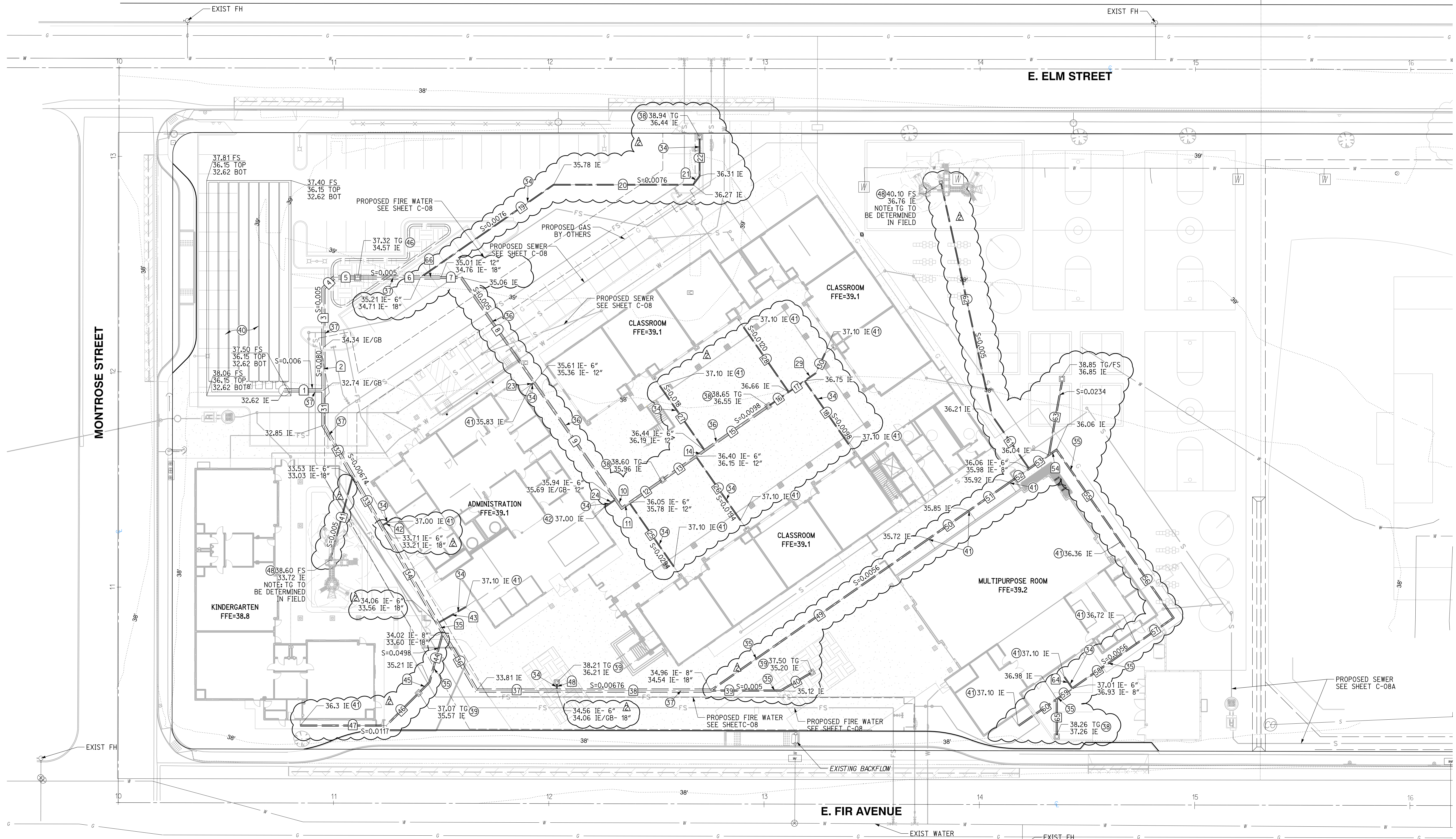


3 MACARTHUR PLACE, SUITE 800 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	43	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

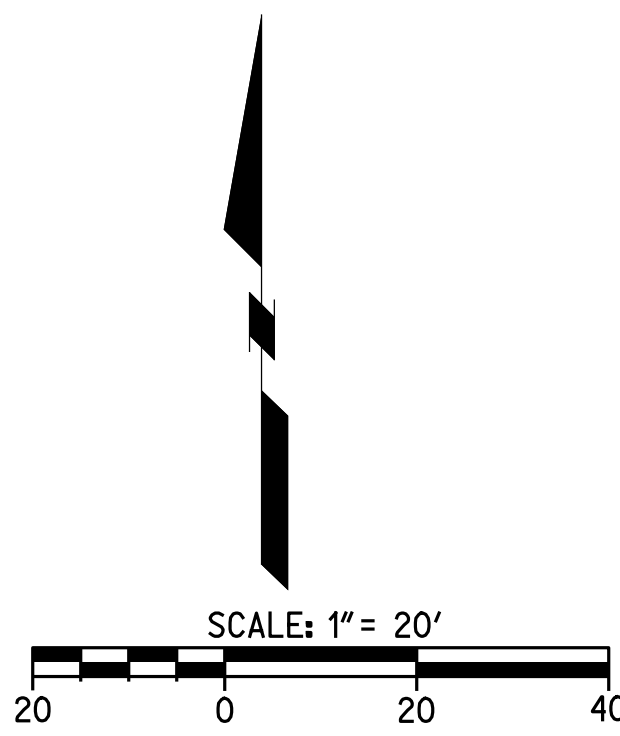


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	18" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



Know what's below.
 Call before you dig.

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CHANGE ORDER REQUEST

COR No. 29 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3 Romtec Pump Stations

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to procure and install two Romtec Waste Water Lift Stations as called for in Bulletins 3 and 3.1.	J Vega Engineering Inc	322,422
Reason: Existing sanitary sewer elevations in the neighborhood were higher than anticipated and would not allow for proper flow of the sanitary sewer system on campus as originally designed.		
Requested By: SVA Architects		
Ref: Bulletins 3, 3.1		
		Subtotal: 322,422
Contractual Costs		
Overhead 15%		48,363
		Subtotal: 48,363
Total Change Order Request Amount:		370,785

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved - Jennifer McGuire
CFW Prog. Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 7-30-2018
 Invoice: Romtec

2-ROMTEC LIFT STATIONS

Bernards Bros
 Company Name
 555 First Street, San Fernando,
 CA 91340
 818-898-1521

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
100						ELM ELEMENTARY SCHOOL, OXNARD

ITEM	DESCRIPTION	LABORER COST	MATERIAL COST	EQUIPMENT & TOOLS	TOTAL
1	Installation of (2) Romtec Lift Stations at Montrose and Fir Street. To include prefabricated wet well, valve vault, valves, pipe and fittings provided by Romtec as a full package. (Electrical by others)	Laborer: 804.00 hrs. @ \$62.47 Total: \$50,225.88 Operator: 238.00 @ \$83.57 T: \$19,889.66 Total: \$70,115.54	Romtec Lift Stations: \$150,915.94 Shoring and bracing: \$5,591 Piping, rock and sand T: \$ 8,583.99 Subgrade stabilization: \$5,426.26 Brick and mortar: \$2,734.50 Total: \$173,251.69	320 CAT Excavator/15 days @ \$650.00/day T: \$9,750.00 CAT backhoe/15 days @ \$350.00/day T: \$5,250.00 Tool Truck: \$445/15 days T: \$6,675.00 Saw/Pipe lazer: \$195.00/15 days T:\$2,925.00 Total: \$24,600.00	\$267,967.23
2	Romtec Change Order to include: Air vac, deeper discharge at vault. (on Fir Street)	00.00	\$3,253.61	00.00	\$3,253.61

ITEM	DESCRIPTION	LABORER COST	MATERIAL COST	EQUIPMENT & TOOLS	TOTAL
3	Dewatering	Laborer: 66.00 hrs. @ 62.47 T: \$4,123.02 Operator: 36.00 hrs. @ 83.57 T: \$ 3,008.52	Rock and geo grid: \$3,689.60 Pipe: \$424.32 Total: \$4,113.92	Trash pump, sump pumps, discharge hoses and clamps, Generators/3 days Total: \$674.56/day \$2,023.68	\$9,146.12.00
				Subtotal	\$280,366.96
				15% Mark up	\$42,055.04
				Invoice Total:	\$322,422.00

Make all checks payable to J. VEGA ENGINEERING, INC.
Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Laborer (Group 3)
Date:	6/23/2017	Classification:	Journeyman
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
Hourly Taxable Wage Costs Subtotal	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
Hourly Benefits Subtotal	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



18240 N. BANK RD
 ROSEBURG, OR 97470
 P: 541-496-9678
 F: 541-496-0804
INFO@ROMTECUTILITIES.COM

Date
10/05/17

CHANGE ORDER

Elm Street Elementary School (Fir and Montrose Pump Station)

Customer: VEGA ENGINEERING
 JUAN VEGA

Change Order Number 1

Please Select Payment Terms

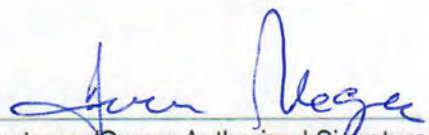
- Prepayment 50%
- Net 30 (With credit approval see T&C section 1.1) 50%

Quantity	Description	
1	Change Order fto include a deeper discharge at Fir pump station location. Includes revised valve vault design and addition of the ARV in the fir valve vault.	\$3,253.61

Freight to: Oxnard CA

PREVIOUS ROMTEC UTILITIES PURCHASE ORDER TOTAL	\$136,346.90
SCOPE OF CHANGE ORDER	\$3,253.61
SUBTOTAL	\$139,600.51
ESTIMATED TAX BASED ON RATE OF 0.0775	\$10,819.04
FREIGHT	\$3,750.00
REVISED ROMTEC UTILITIES PURCHASE ORDER TOTAL	\$154,169.55

*Sales and use tax is not included in the pricing of this product and may apply at the time of invoice. Romtec Utilities collects sales and use tax in the following states: California, Louisiana, Massachusetts and Washington.
 *Romtec Utilities attached terms and conditions of sale apply.
 *This change order, and any previously authorized change orders, constitute the only modifications and/or supplements to the purchase order. All other purchase order contractual provisions remain unchanged.


 Customer/Owner Authorized Signature _____ Date _____


 Romtec Utilities Authorized Signature _____ Date 11/03/17

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
▲ BULLETIN 3.1	7-6-2017
▲	
▲	
▲	
▲	
▲	
▲	
▲	
▲	

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



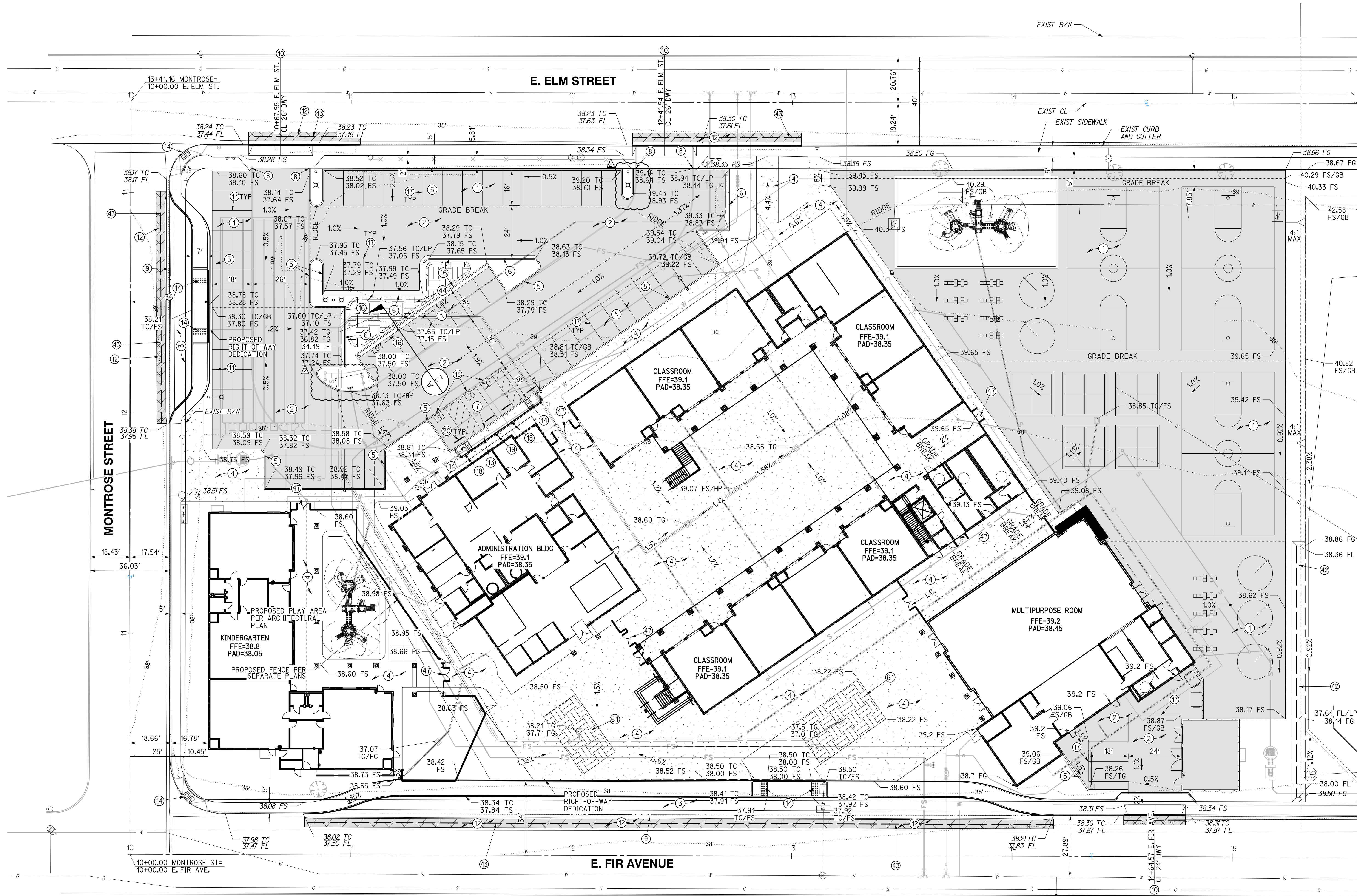
1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rick@rckeng.com



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
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GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

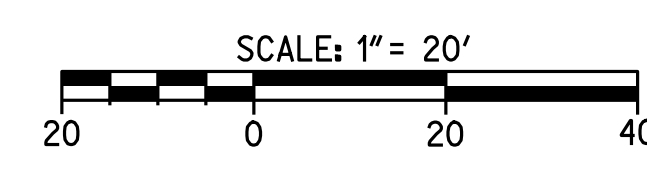
*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OC UNDERLINED BY 4" LAYER OF SAND, CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08

SHEET TITLE:

UTILITY PLAN



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 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

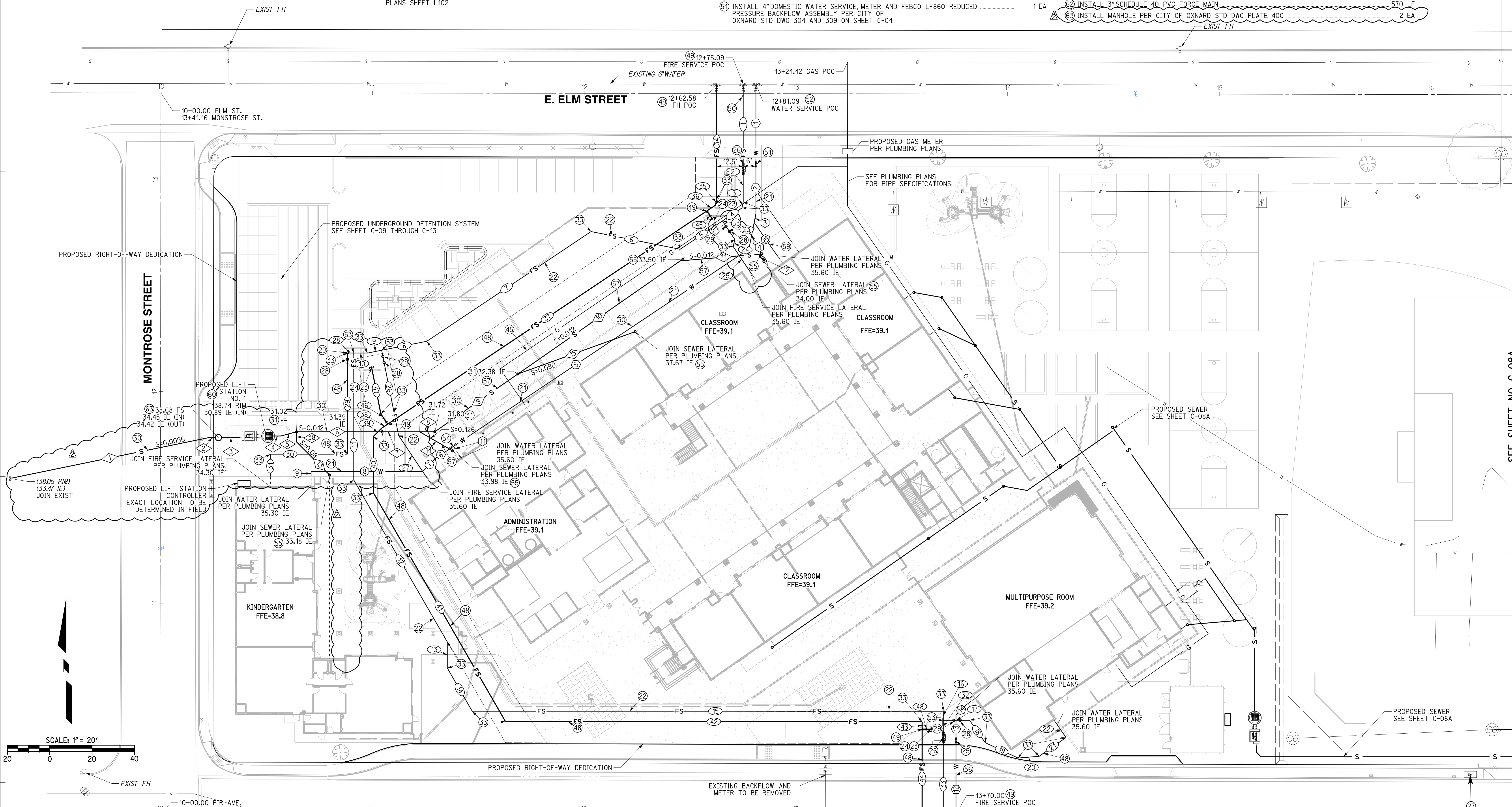


ARCHITECTS

3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

21	INSTALL 4" C-900 PVC WATER SERVICE	250 LF	28	INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS	4 EA	62	INSTALL 6"x6"x4" TEE	1 EA
22	INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE	1,000 LF	29	INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS	4 EA	63	INSTALL 8"x8"x8" TEE	5 EA
23	INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	30	INSTALL 6" SDR-35 PVC SEWER	600 LF	64	INSTALL 4"x4"x4" TEE	1 EA
24	INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04	2 EA	31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA	65	INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	10 EA
25	INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04	1 EA	32	CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401	2 EA	66	INSTALL 2.5" COPPER WATER SERVICE	50 LF
26	INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311. FEBCO 8" DOUBLE CHECK DETECTOR BACKFLOW B565T ON SHEET C-04	2 EA	33	INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320	30 EA	67	INSTALL 4" SDR-35 PVC SEWER	350 LF
27	CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET L102	1 EA	48	INSTALL GAS SERVICE BY OTHERS	850 LF	68	INSTALL 2" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	95 LF
			49	INSTALL 6" C-900 PVC FIRE SERVICE	700 LF	69	INSTALL 2.5" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	25 LF
			50	INSTALL 6"x6"x6" TEE	7 EA	70	INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
			51	INSTALL 8" TO 6" REDUCER	2 EA	71	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
				INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04	1 EA	72	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/IB PVC
7	N 45°00'00" E		8.95'	2" D2241/IB PVC
8	N 90°00'00" W		52.75'	2" D2241/IB PVC
9	N 0°00'00" E		2.00'	2" D2241/IB PVC
10	N 34°49'35" W		19.14'	2" D2241/IB PVC
11	N 33°45'00" W		1.47'	2.5" COPPER
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/IB PVC
14	N 45°00'00" E		6.93'	2.5" D2241/IB PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	6" SDR-35 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		8.81'	6" SDR-35 PVC
4	N 90°00'00" W		3.00'	6" SDR-35 PVC
5	N 75°00'00" E		7.73'	6" SDR-35 PVC
6	N 90°00'00" W		30.84'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		22.08'	4" SDR-35 PVC
14	N 60°00'00" W		17.98'	4" SDR-35 PVC
15	N 20°09'36" E		58.87'	4" SDR-35 PVC
16	N 0°00'00" E		4.83'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

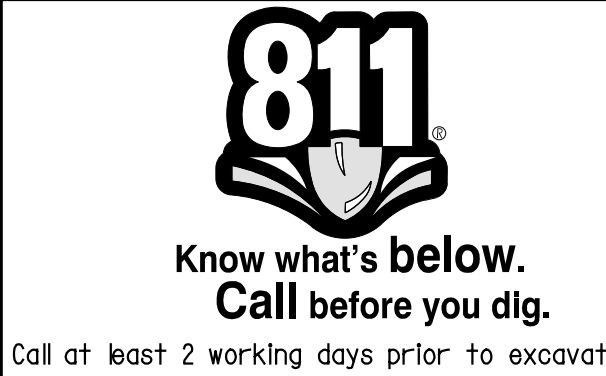
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" E		11.09'	8" C-900 PVC
5	N 56°15'00" E		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		93.30'	8" C-900 PVC
8	N 78°45'00" W		21.76'	8" C-900 PVC
9	N 78°45'00" E		6.77'	8" C-900 PVC
10	N 90°00'00" W		6.52'	8" C-900 PVC
11	N 0°00'00" E		59.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		3.52'	8" C-900 PVC
25	N 33°45'00" W		14.35'	8" C-900 PVC
26	N 11°15'00" W		41.05'	8" C-900 PVC
27	N 33°45'00" W		22.52'	8" C-900 PVC
28	N 90°00'00" W		3.00'	8" C-900 PVC
29	N 0°00'00" E		47.79'	8" C-900 PVC
30	N 90°00'00" W		36.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		4.42'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.47'	6" C-900 PVC
48	N 90°00'00" W		4.25'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'

SHEET NUMBER: **C-08A**
 SHEET TITLE:

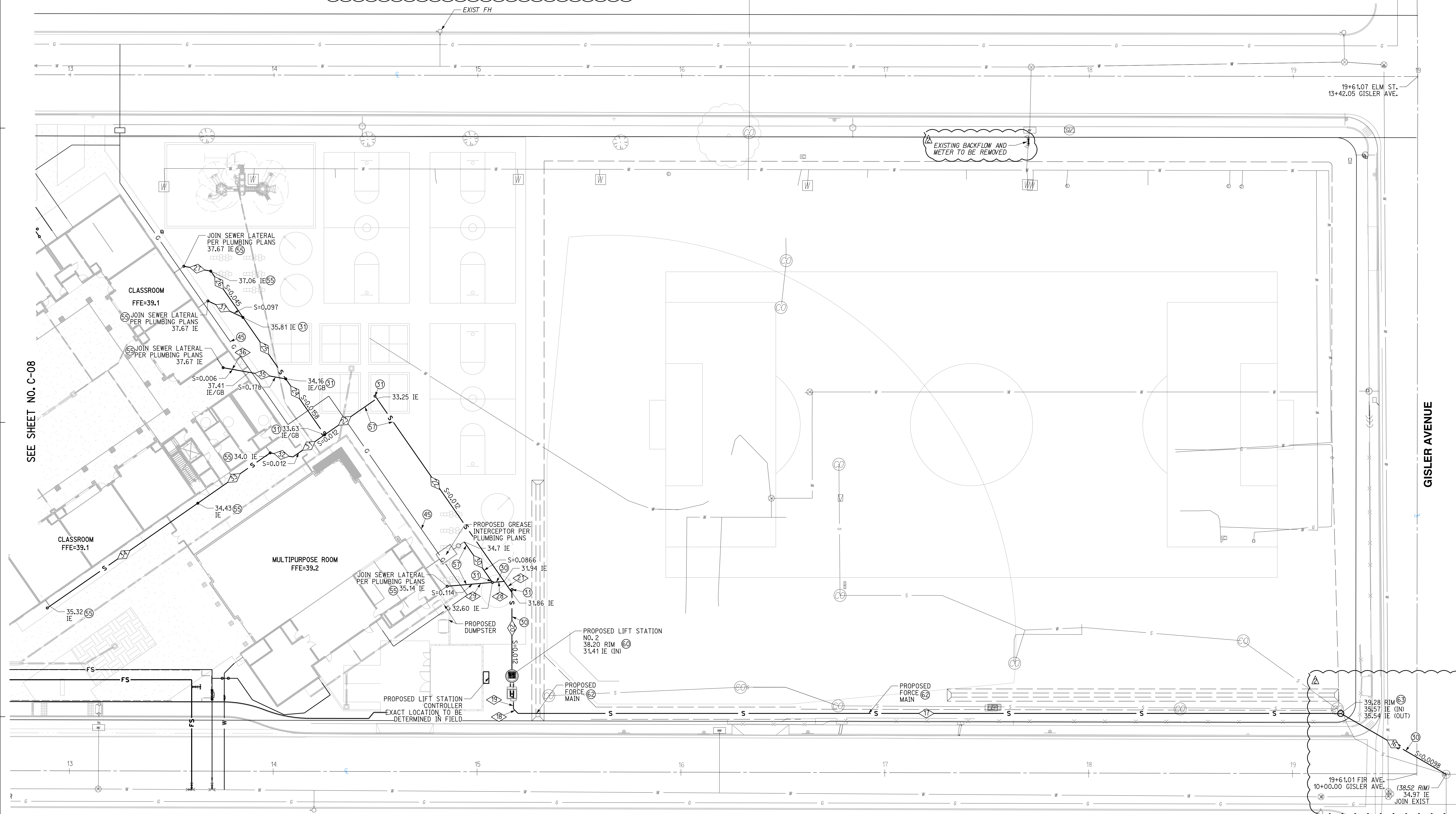
UTILITY PLAN

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
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 rickeng@rickeng.com

SVA
 ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

50	INSTALL 6" SDR-35 PVC SEWER	600 LF
51	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
49	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
63	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA

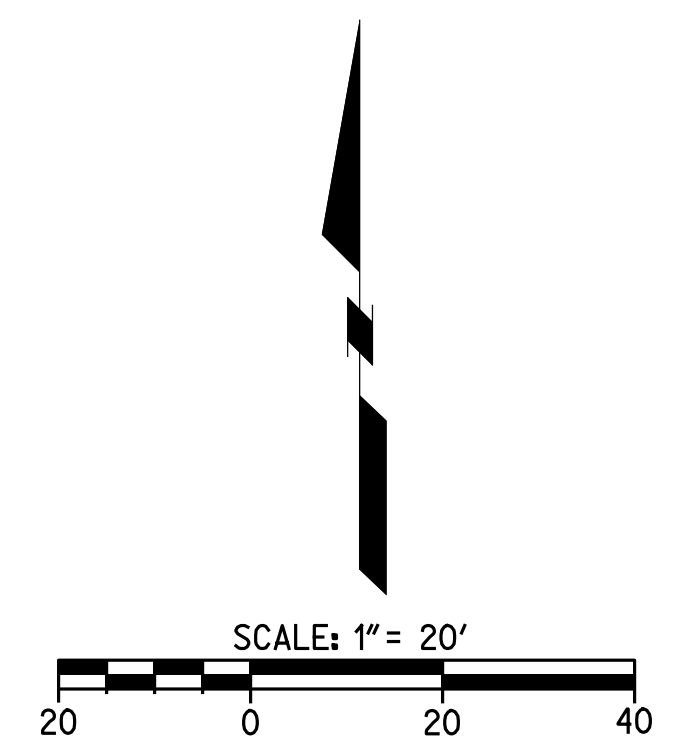


SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



811
 Know what's below.
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1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017
3		
4		
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18		
19		
20		

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-09**

SHEET TITLE:

STORM DRAIN PLAN



1770 IOWA AVENUE
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 951.782.0707
 (FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

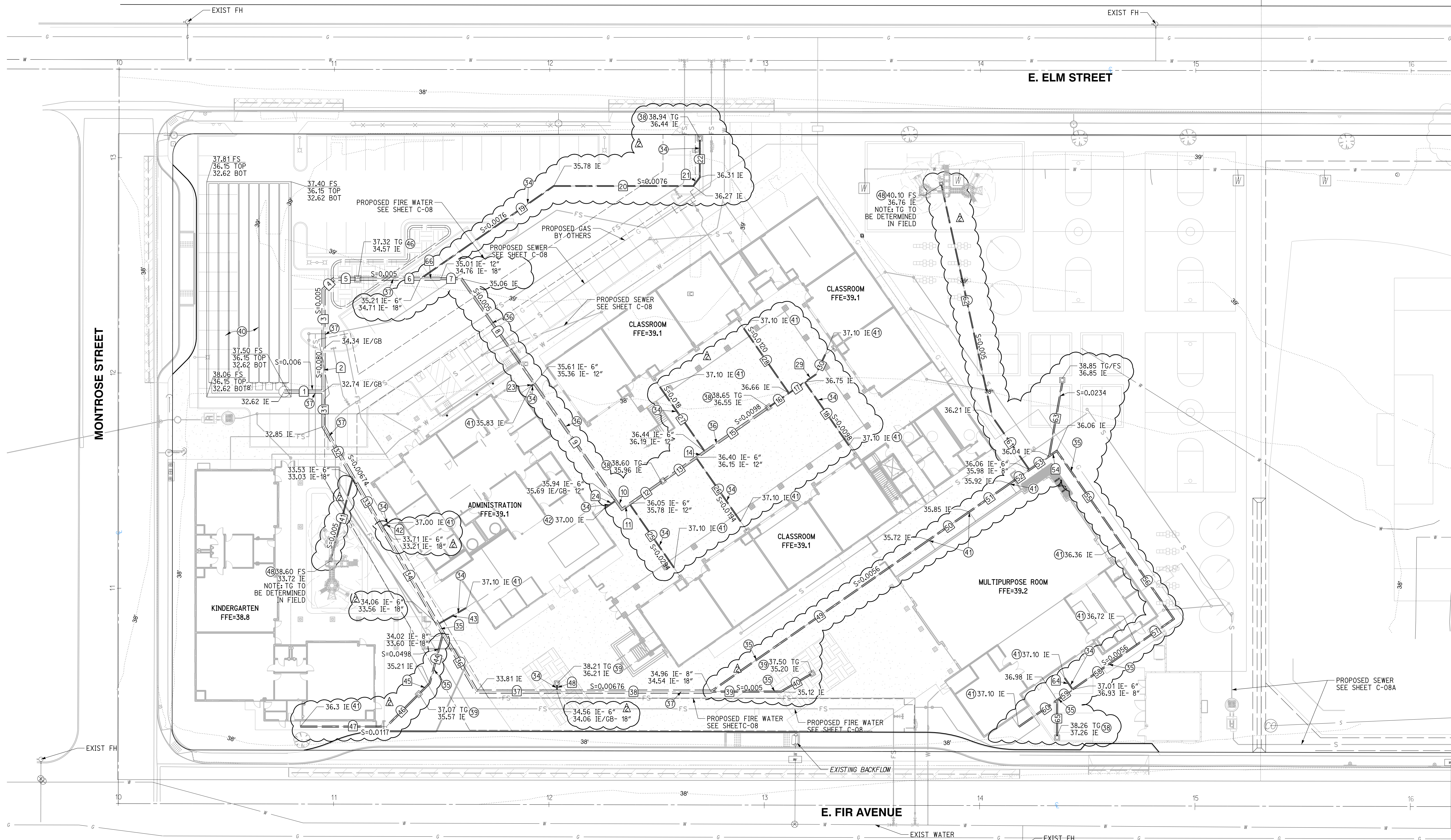


3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	43	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

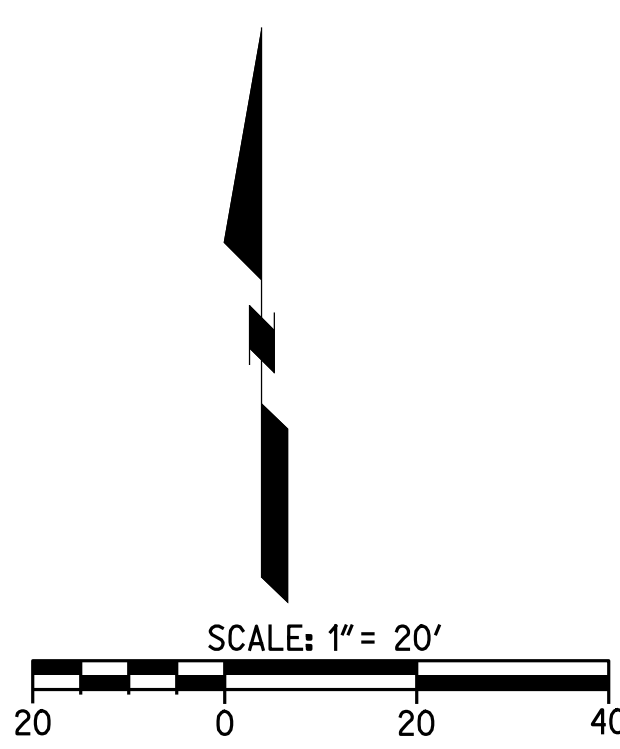


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	18" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



Know what's below.
 Call before you dig.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

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Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company



GENERAL NOTES

- 1. ALL GRADING SHALL CONFORM TO THE CITY OF OXNARD GRADING ORDINANCE AND THE LATEST EDITIONS OF THE CITY OF OXNARD DEPARTMENT OF PUBLIC WORKS STANDARDS, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), AND THE CITY OF OXNARD STANDARD LAND DEVELOPMENT SPECIFICATIONS.

GENERAL NOTES CONT.

- 30.FINE GRADING TO BE NO LESS THAN THE FOLLOWING: LONGITUDINAL SLOPE CROSS-SLOPE PERVIOUS SURFACES 1.0% TO 2.0% ASPHALT SURFACES 0.50% TO 1.0% CONCRETE SURFACES .25% TO 0.5%

WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF OXNARD STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN BOOK").

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

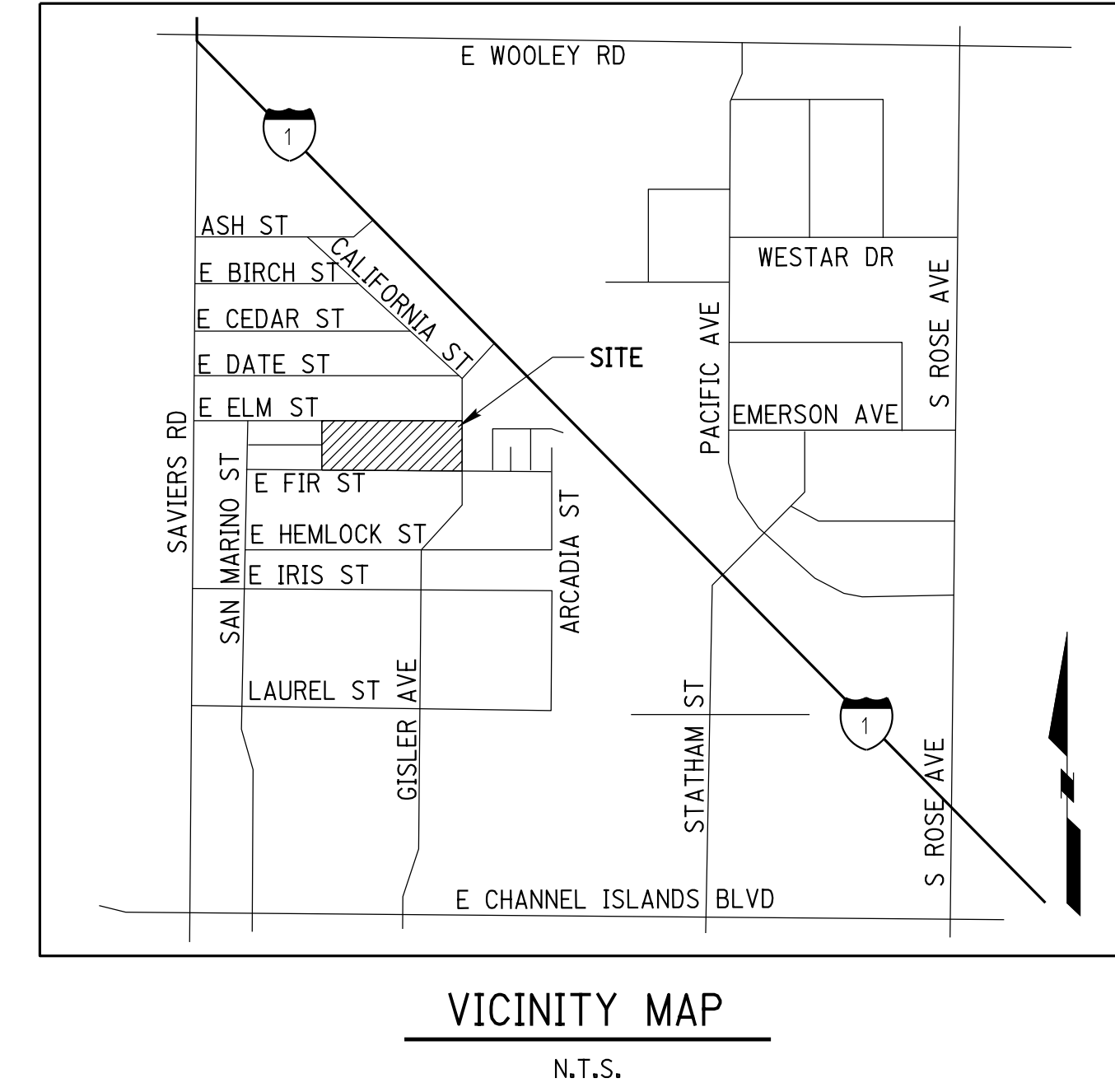
ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

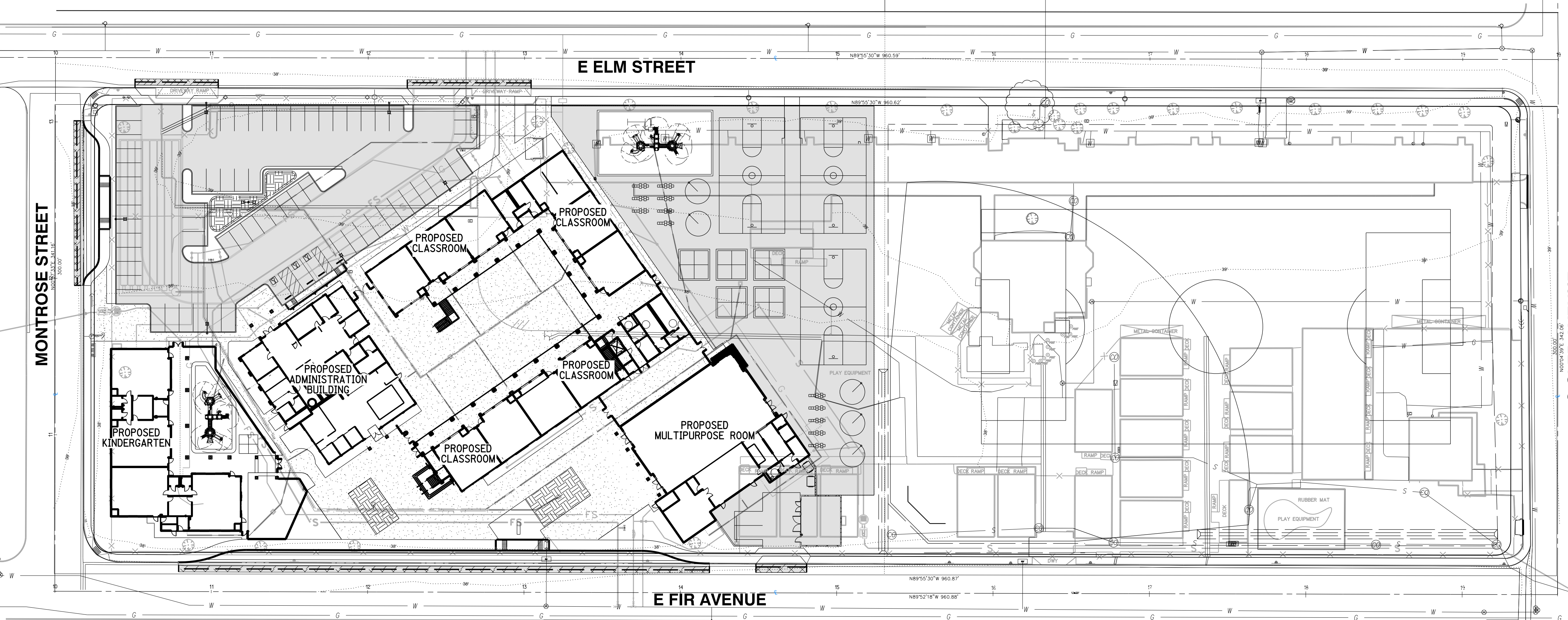
THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes BOT, DP, FFE, FL, FS, GB, HP, IE, LP, O.C., O.C.E.D., PA, POC, TC, TW, TRWL.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93003



LEGEND table listing symbols for various features: Limits of Removal, Sawcut, Existing Area Drain Box, Existing Manhole, Existing Light, Existing Water Meter, Existing Electrical Vault, Existing Chain Link Fence, Existing Box, Existing Gas Valve, Existing Irrigation Control Valve, Existing Wall, Existing Tree, Existing Palm Tree, Contour (Existing), Contour (Proposed), Curb and Gutter, Proposed Retaining Wall, Proposed A.C. Pavement, Proposed Sidewalk, Proposed Storm Drain, Project Boundary, Centerline, Proposed Bioinfiltration Area.

OWNER
OXNARD SCHOOL DISTRICT
1051 SOUTH A STREET
OXNARD, CA
805-386-1501
PROJECT CONTACT:

GEOTECH ENGINEER
EARTH SYSTEMS
SOUTHERN CALIFORNIA
1731-A WALTER STREET
VENTURA, CA
PHONE: (951) 782-0707
FAX: (951) 782-0723

NOTIFICATIONS
THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION.

ESTIMATED RAW GRADING QUANTITIES
1. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR FINAL PAY QUANTITIES.

ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE GEOMETRIC VOLUMES AND DO NOT ACCOUNT FOR LOSS DUE TO SHRINKAGE OR COMPACTION.

CUT: 5,423 C.Y.
FILL: 5,423 C.Y.
EXPORT: 0 C.Y.

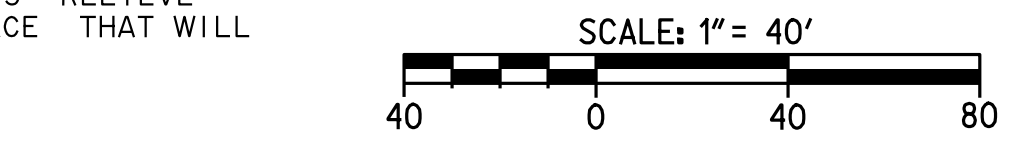
GRADING TOLERANCE NOTE
GRADING SHALL BE DONE WITH A TOLERANCE OF 0.1 FOOT OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5 FOOT OF THE LOCATION SHOWN ON THESE PLANS.

GEOTECHNICAL ENGINEER'S CERTIFICATE
THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY SOUTHERN CALIFORNIA GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS REPORT FOR RECONSTRUCTION OF ELM STREET SCHOOL DATED MARCH, 2014.

BENCHMARK
ID NUMBER: SAV-5
FIELD BOOK: COUNTY OF VENTURA DEPARTMENT OF PUBLIC WORKS
LOCATION: CITY OF OXNARD
DESCRIPTION: FROM THE INTERSECTION OF SAVIERS ROAD AND IRIS STREET 44 FEET SOUTH ON SAVIERS ROAD THEN 7 FEET WEST. A STANDARD VENTURA COUNTY BRASS CAP MONUMENT SET FLUSH IN TOP OF CURB MEDIAN STRIP. ELEVATION: 35.387 FT. NAVD 1988 (2000 ADJ.)

SOURCE OF TOPOGRAPHY AND BOUNDARY
BOUNDARY LINE PLOTTED AND TOPOGRAPHIC SURVEY CONDUCTED BY WAGNER ENGINEERING & SURVEY, INC. ON JANUARY 13, 2014.

BASIS OF BEARING
THE BEARING OF N89°55'30"W ON THE SOUTHERLY LINE OF ELM STREET, 60' WIDE, AS SHOWN ON MAP OF OXNARD DEVELOPMENT SUBDIVISION UNIT NO. 3, RECORDED IN BOOK 13, PAGES 87 AND 88, OF MISCELLANEOUS MAPS, RECORDS OF VENTURA COUNTY, WAS USED AS THE BASIS OF BEARING FOR THIS MAP.



CIVIL SHEET INDEX table with columns: SHEET NO., TITLE. Lists sheets C-01 through C-13.



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OFFICE OF REGULATION SERVICES
A# 03-116407
AC: FLS SS
DATE:

REVISIONS table with columns: DESCRIPTION, DATE. Shows Bulletin 3 dated 5-12-2017.

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: 1"=40'
SHEET NUMBER: C-01
SHEET TITLE:

RICK ARCHITECTS ENGINEERING COMPANY logo and address: 1770 IOWA AVENUE, SUITE 100, RIVERSIDE, CA 92507.

SVA ARCHITECTS logo and address: 3 MACARTHUR PLACE, SUITE 850, SANTA ANA, CA 92707.

811 CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD. Call of least 2 working days prior to excavating.



OWNER: OXNARD SCHOOL DISTRICT

PROJECT NAME: ELM STREET ELEMENTARY SCHOOL

CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-02

SHEET TITLE:

DETAIL SHEET

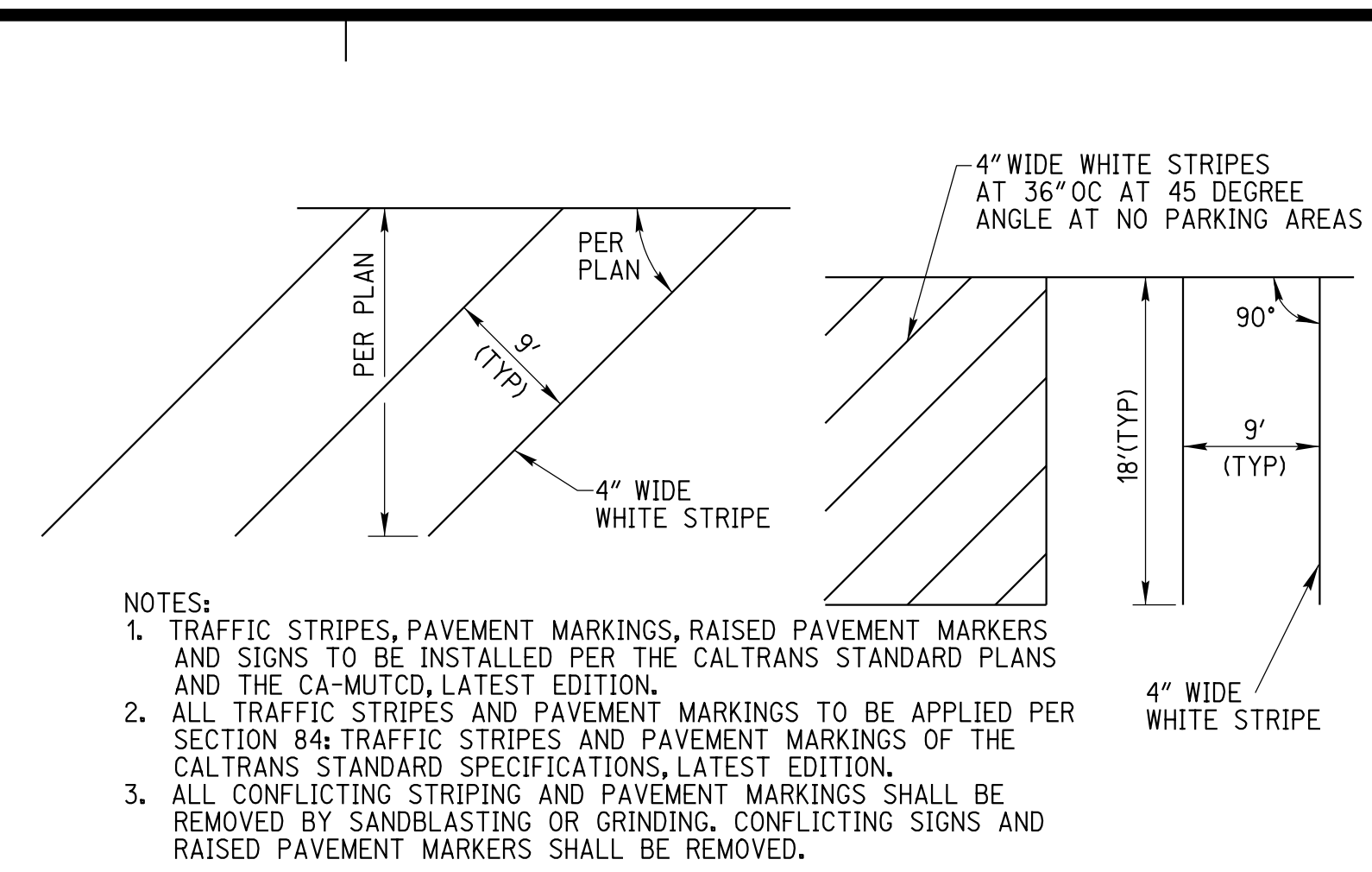


1770 IOWA AVENUE
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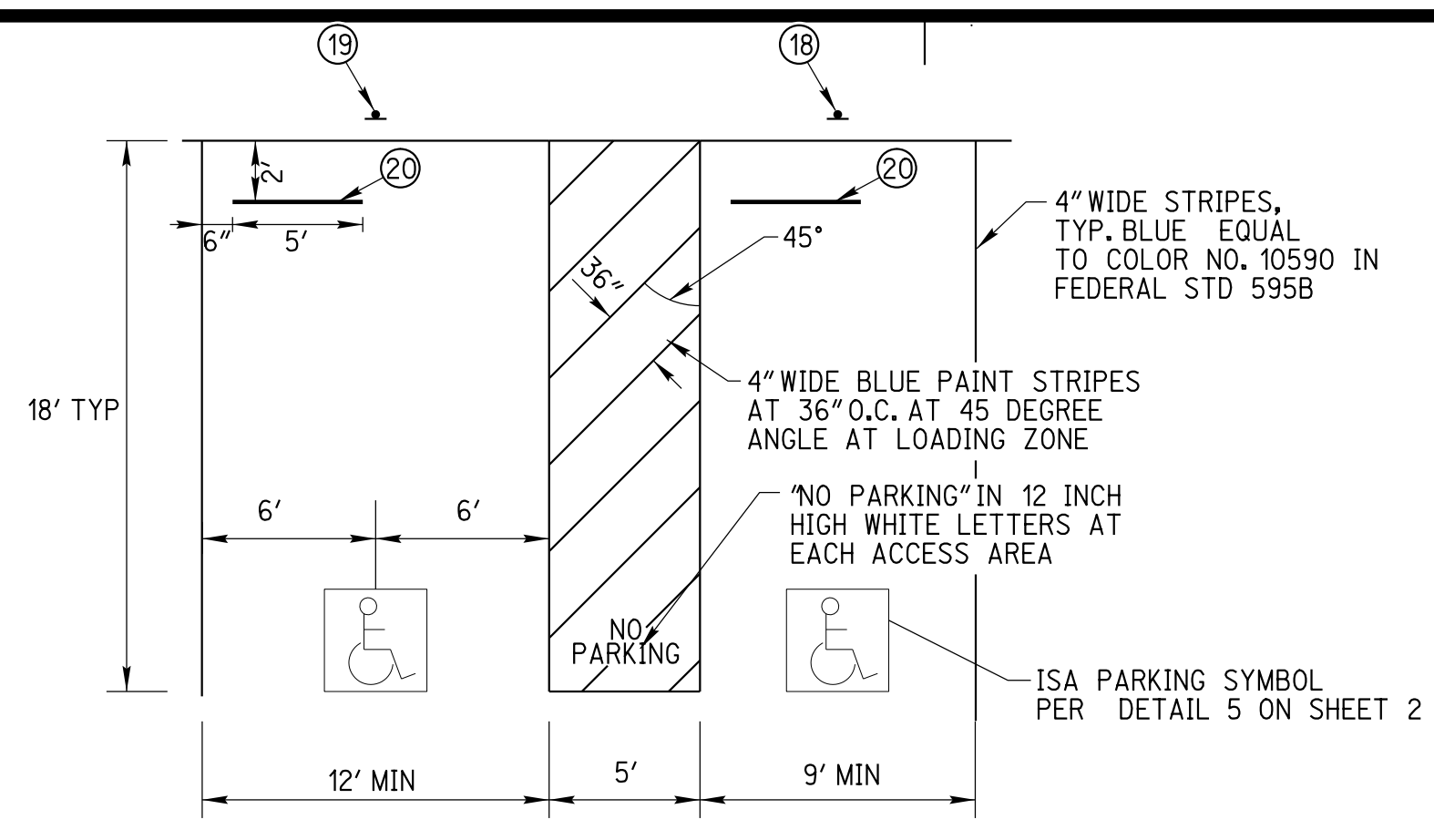
San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rickeng@rickeng.com



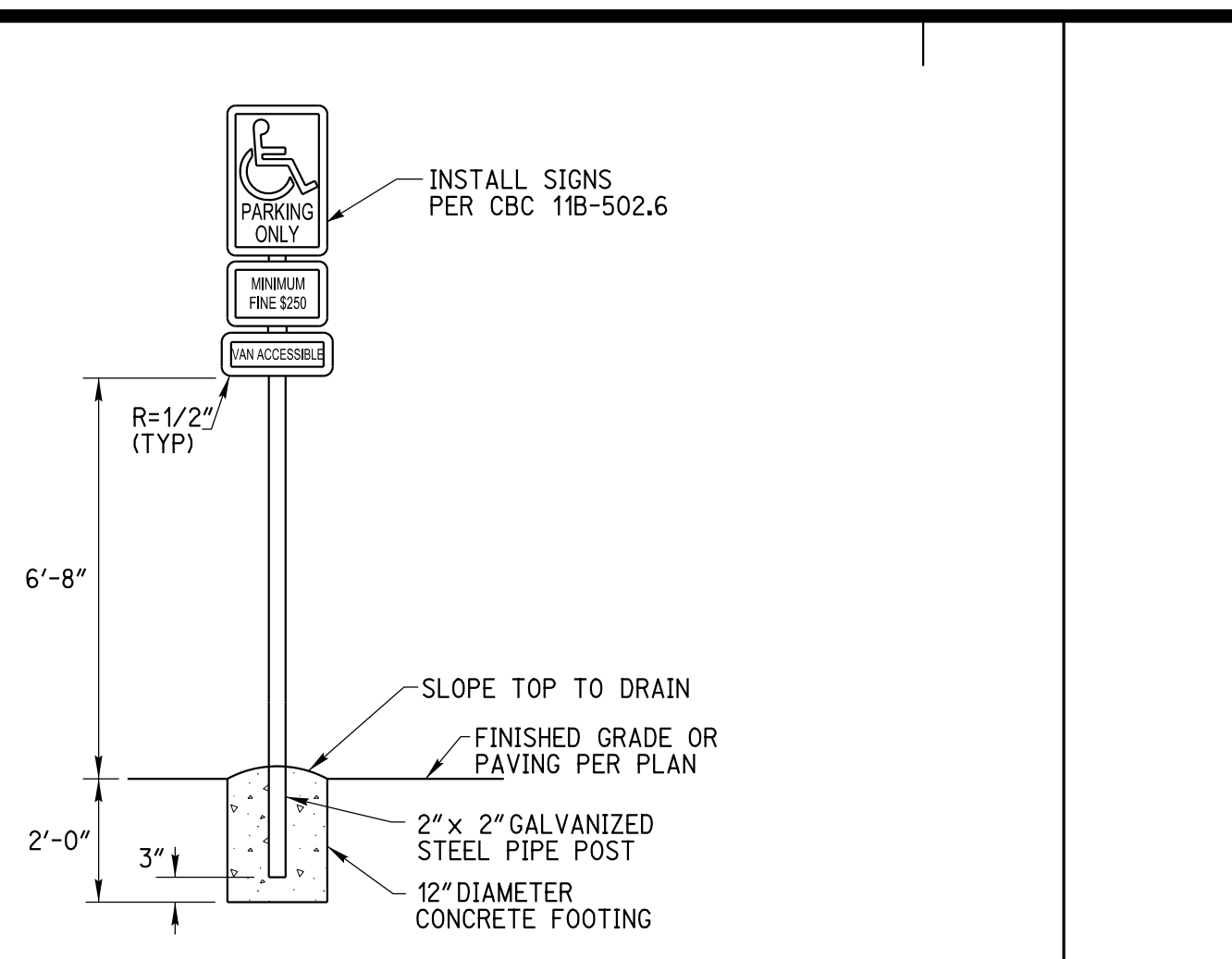
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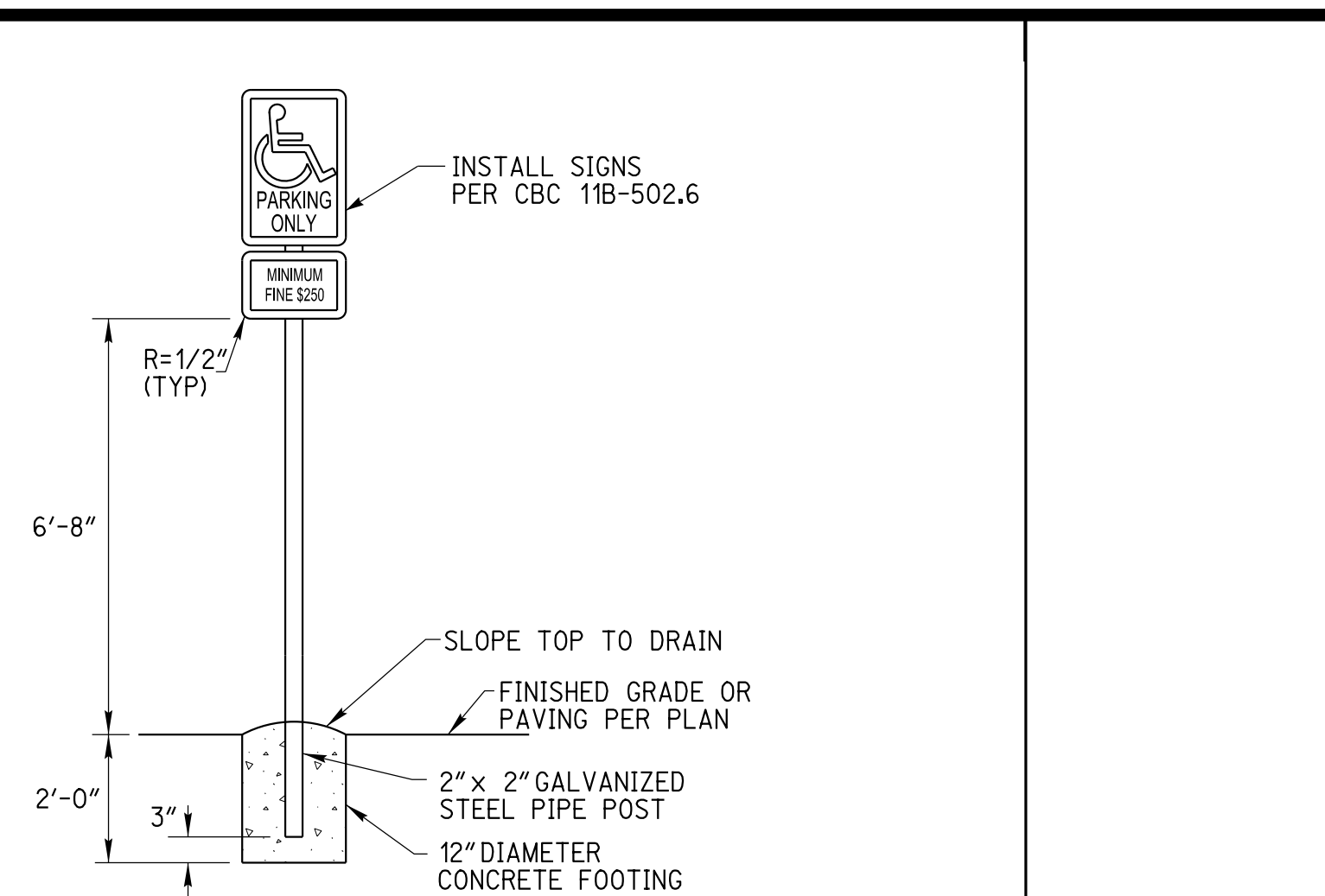
4 TYPICAL PARKING STRIPING DETAIL



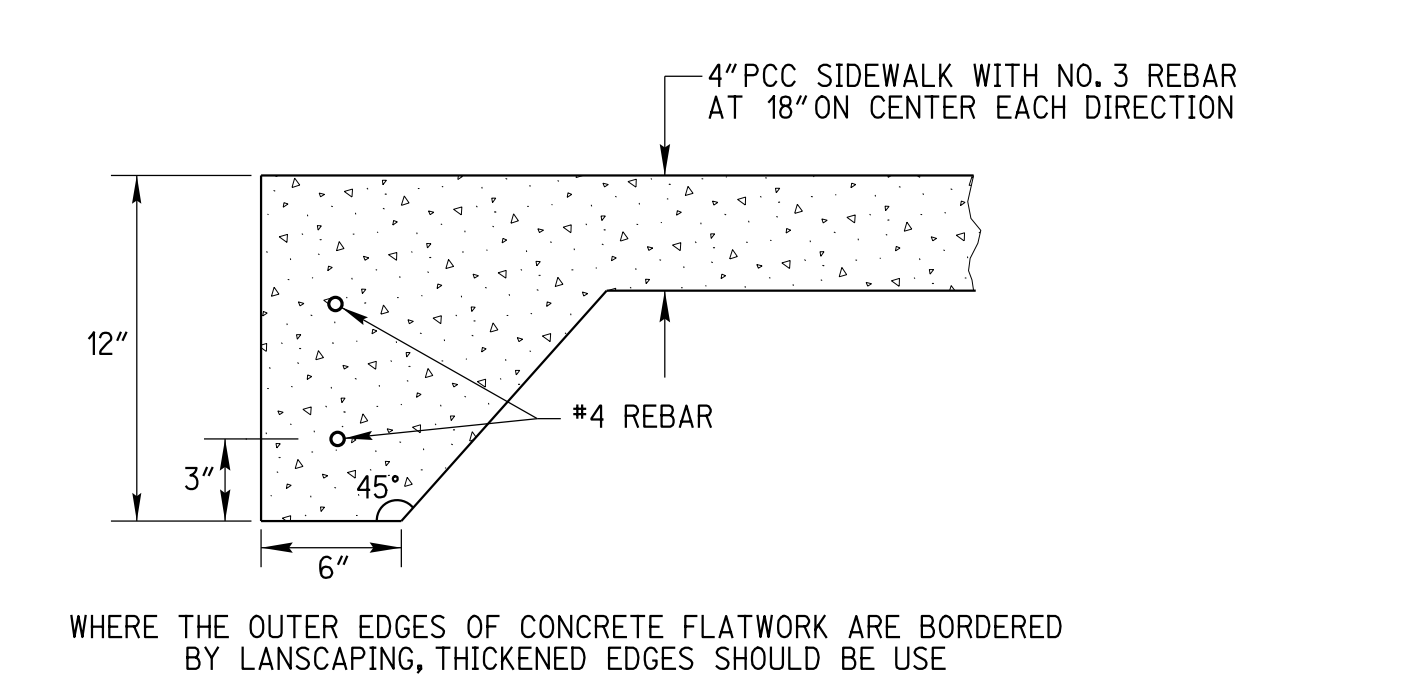
3 ACCESSIBLE PARKING STRIPING DETAIL



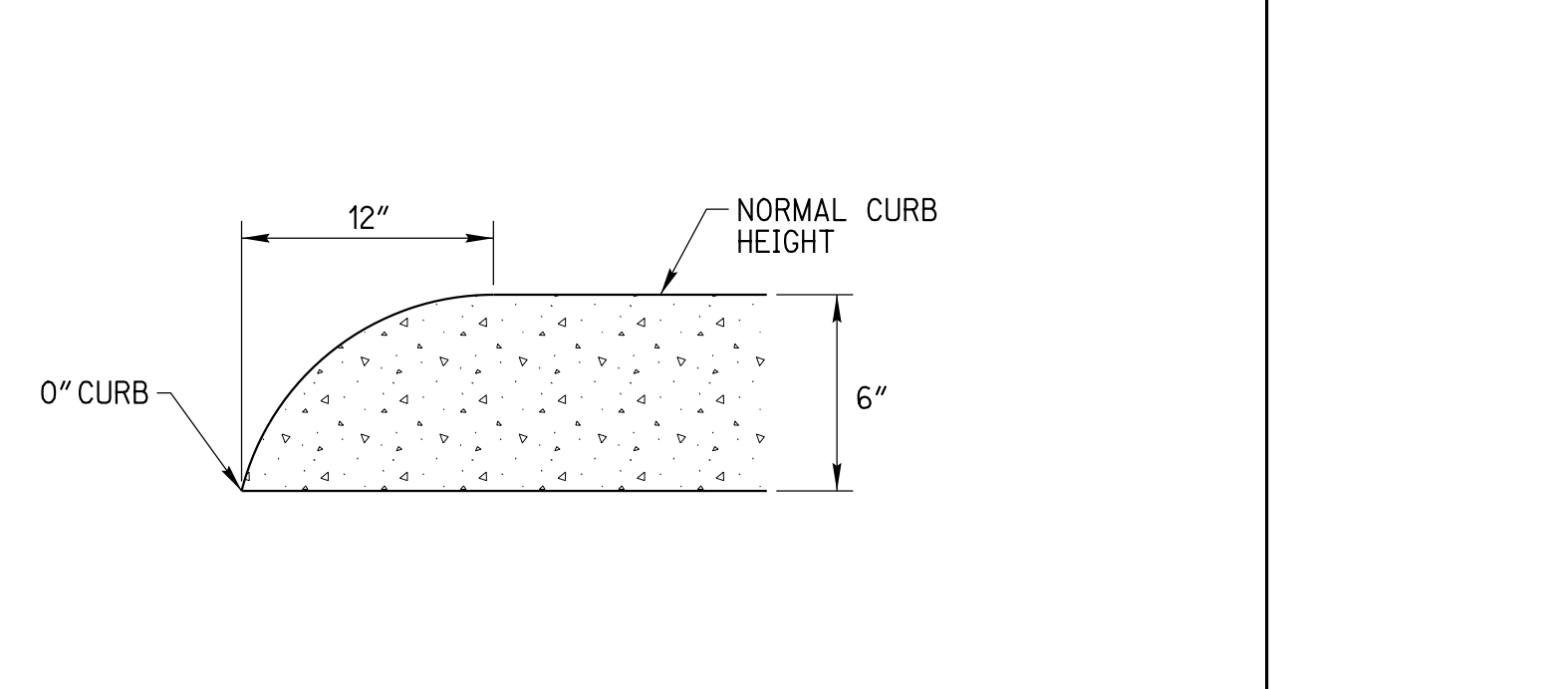
2 VAN ACCESSIBLE PARKING SIGNAGE DETAIL



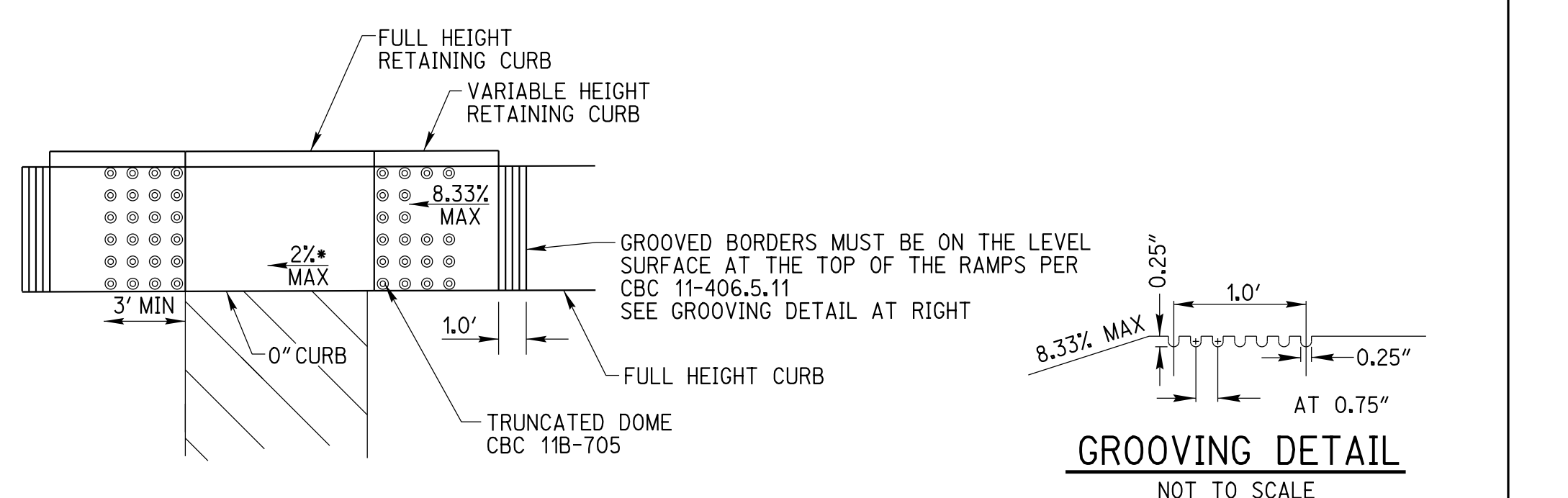
1 ACCESSIBLE PARKING SIGNAGE DETAIL



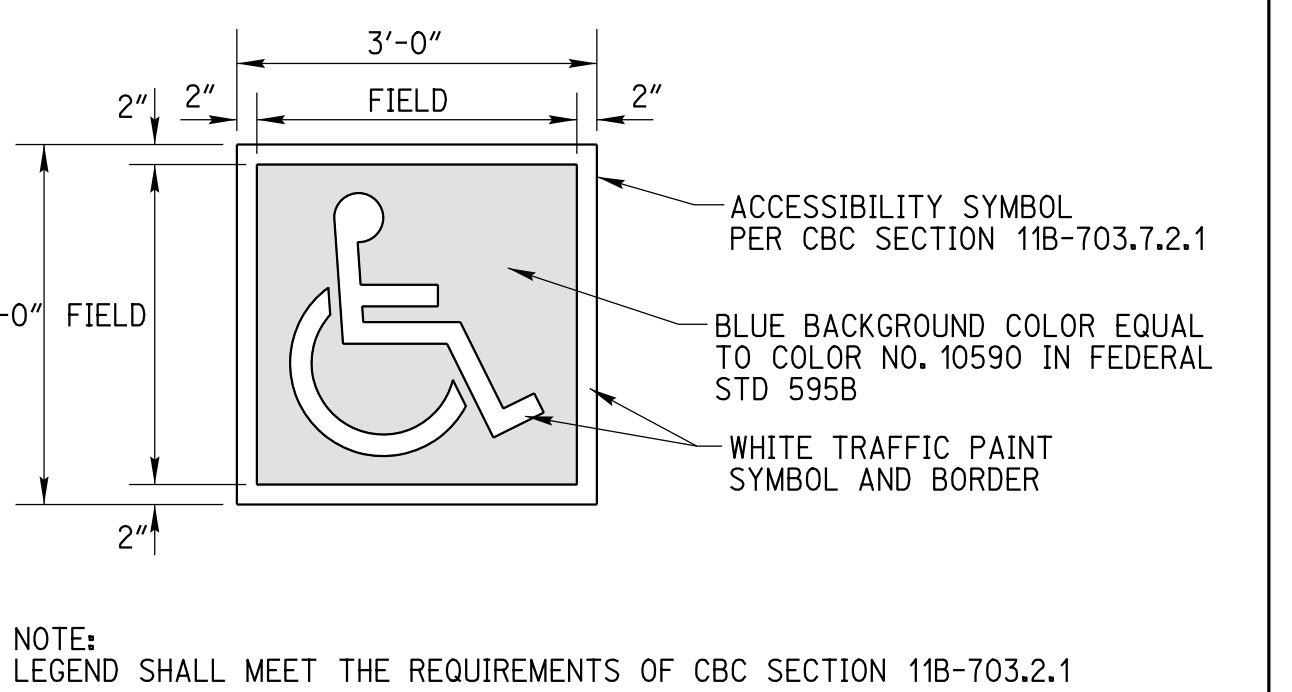
8 THICKENED EDGE DETAIL



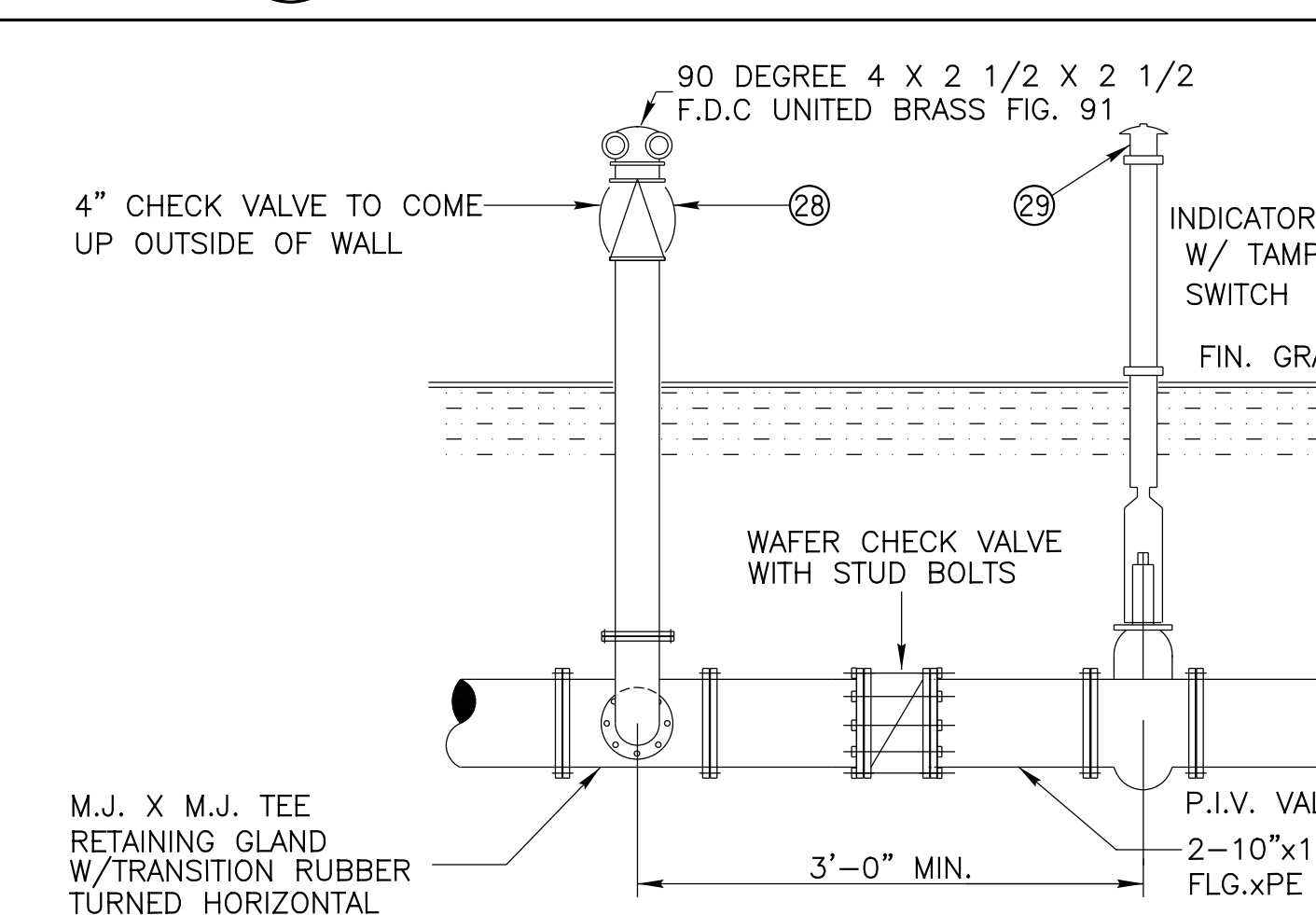
7 CURB END DETAIL



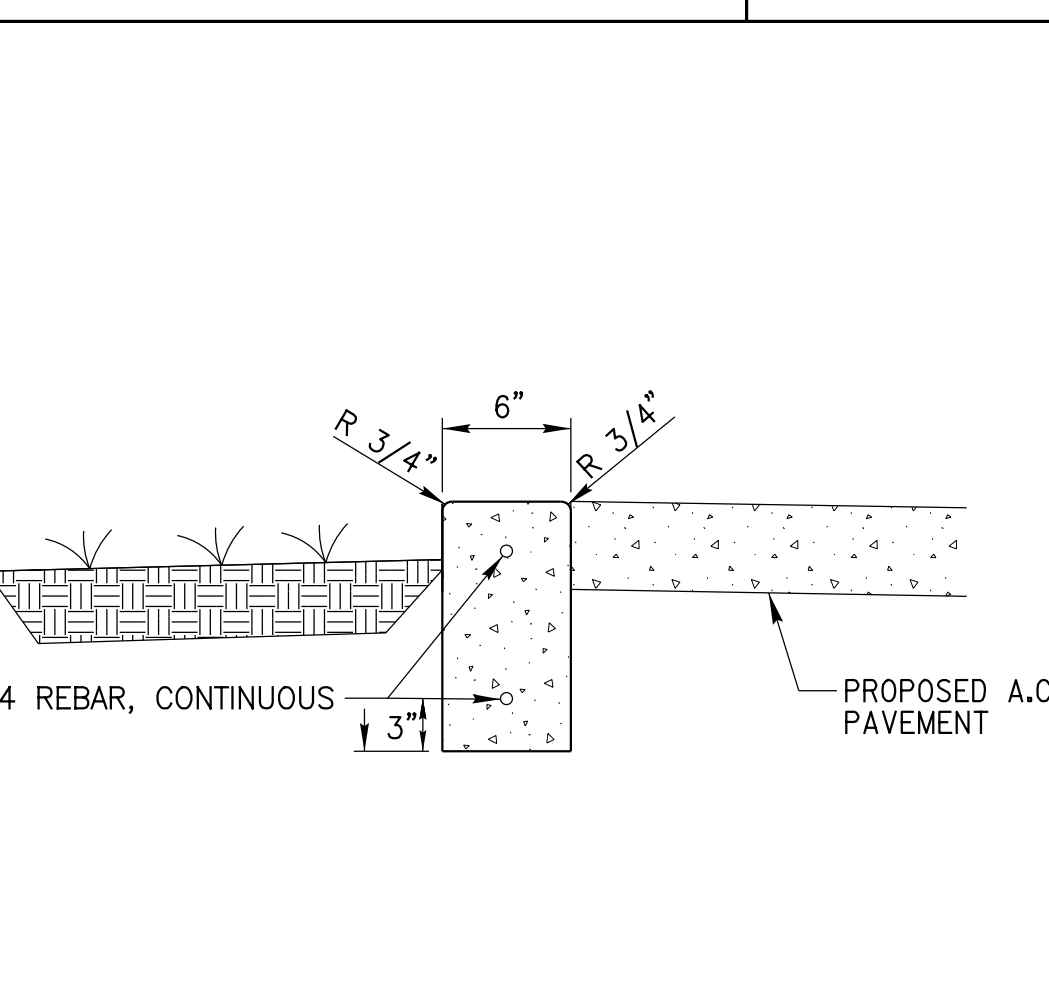
6 ACCESSIBLE CURB RAMP DETAIL



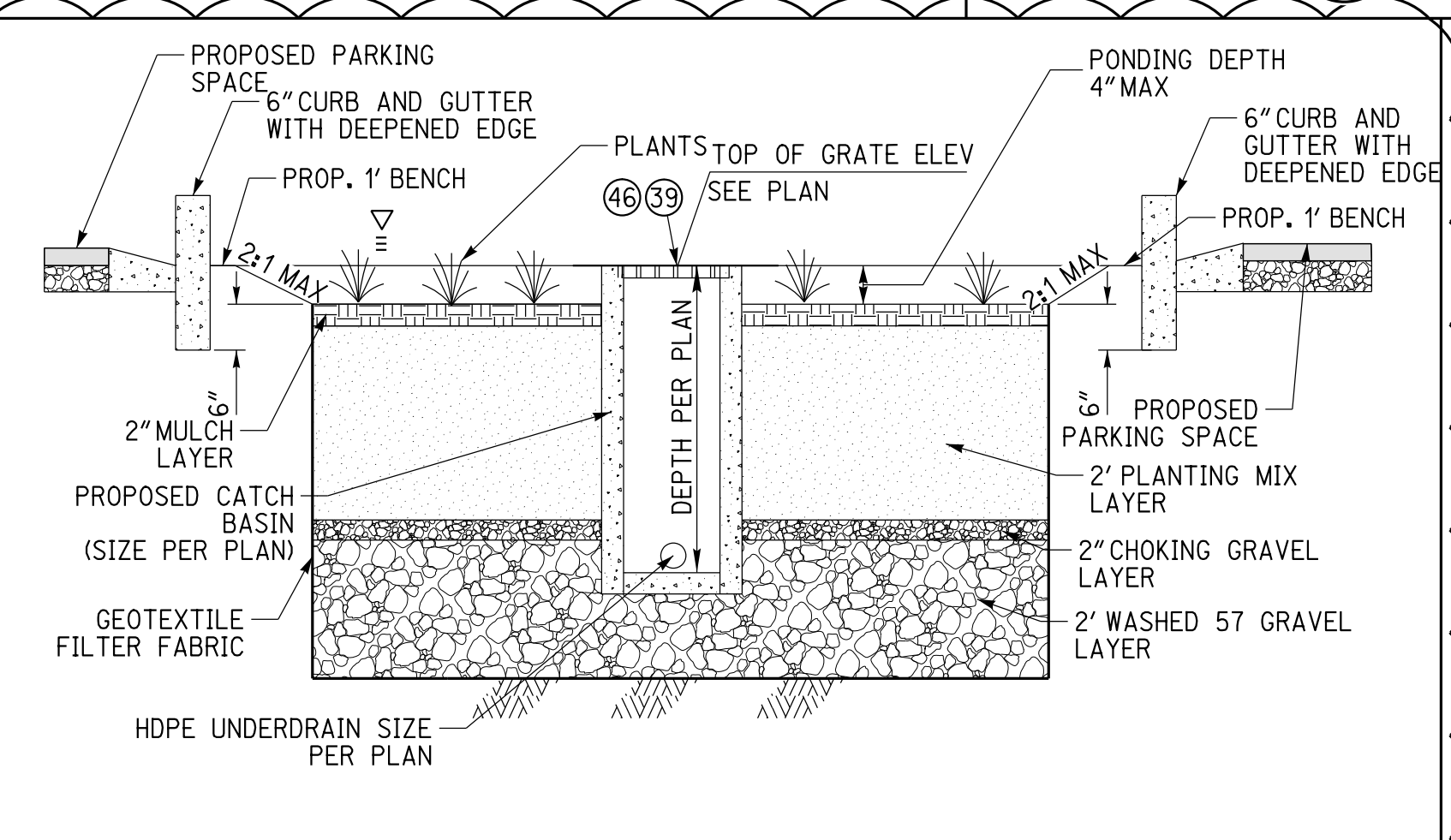
5 ISA PARKING SYMBOL DETAIL



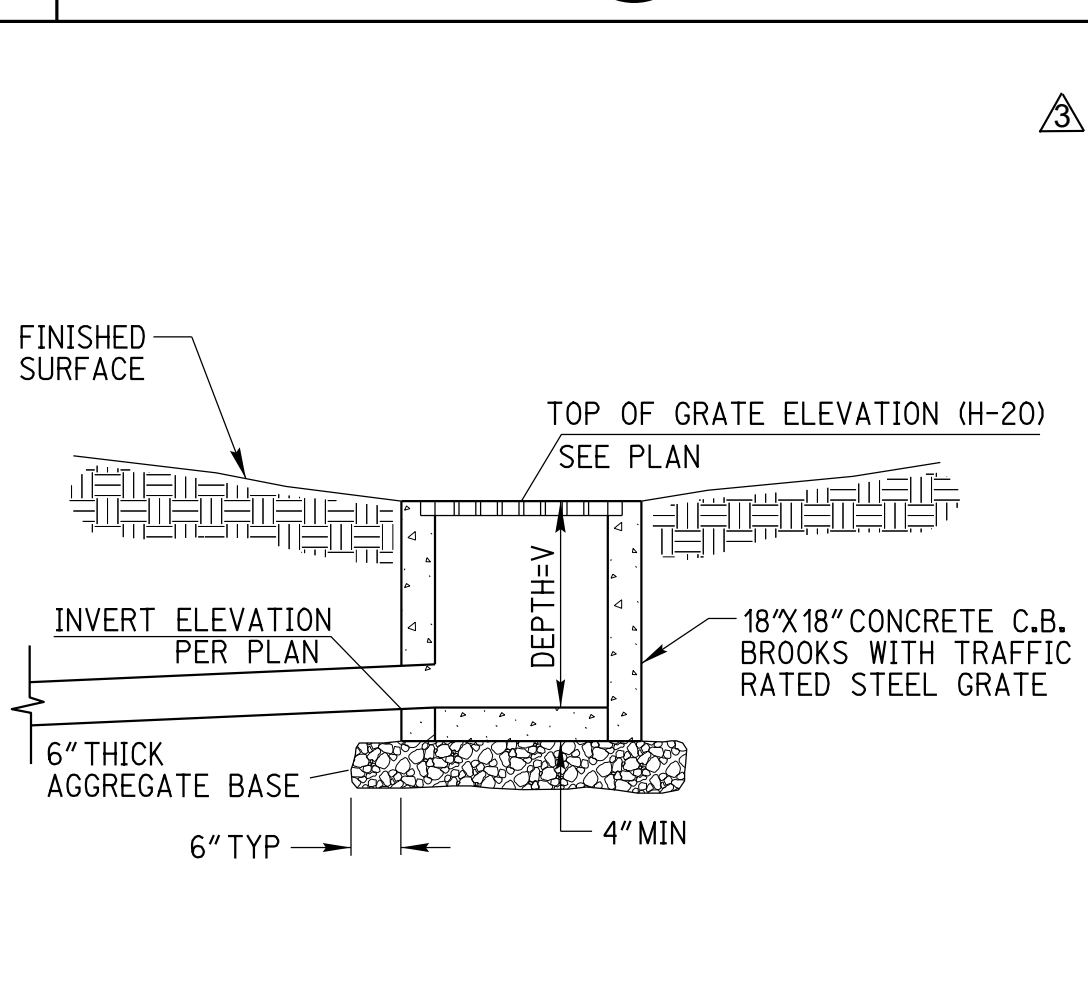
13 POST INDICATOR/FIRE DEPARTMENT CONNECTION



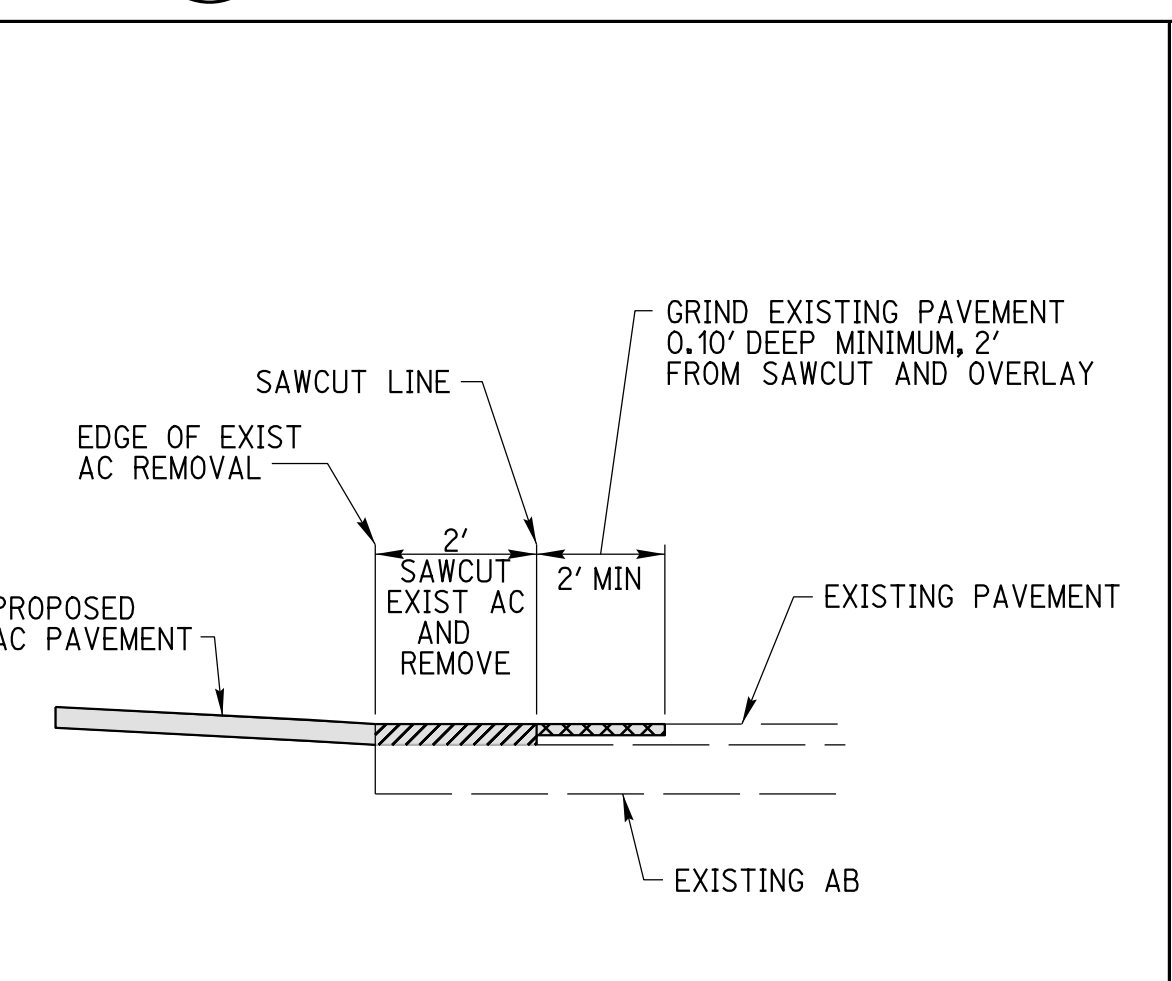
12 0" CURB DETAIL



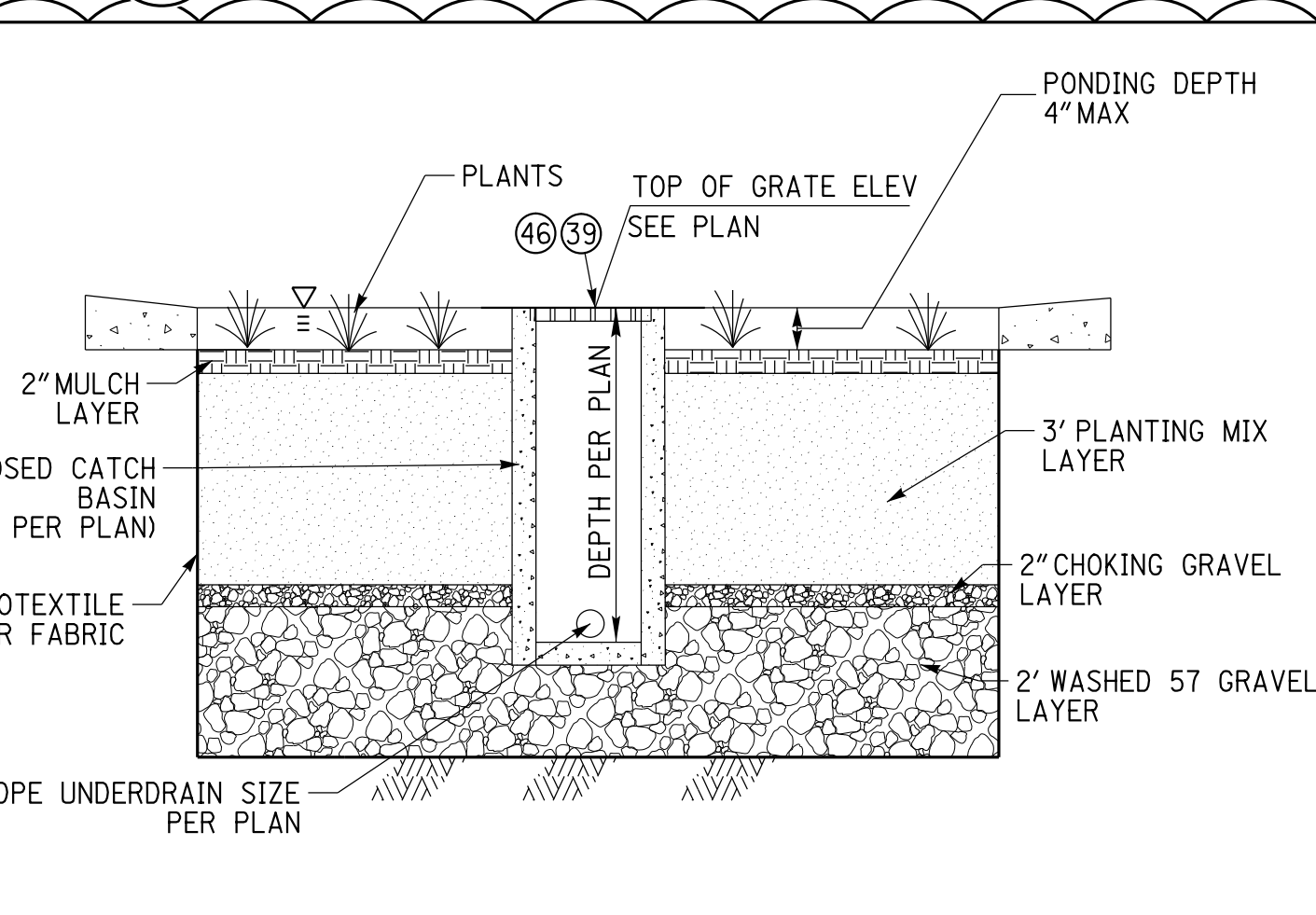
11 BIOINFILTRATION BASIN DETAIL



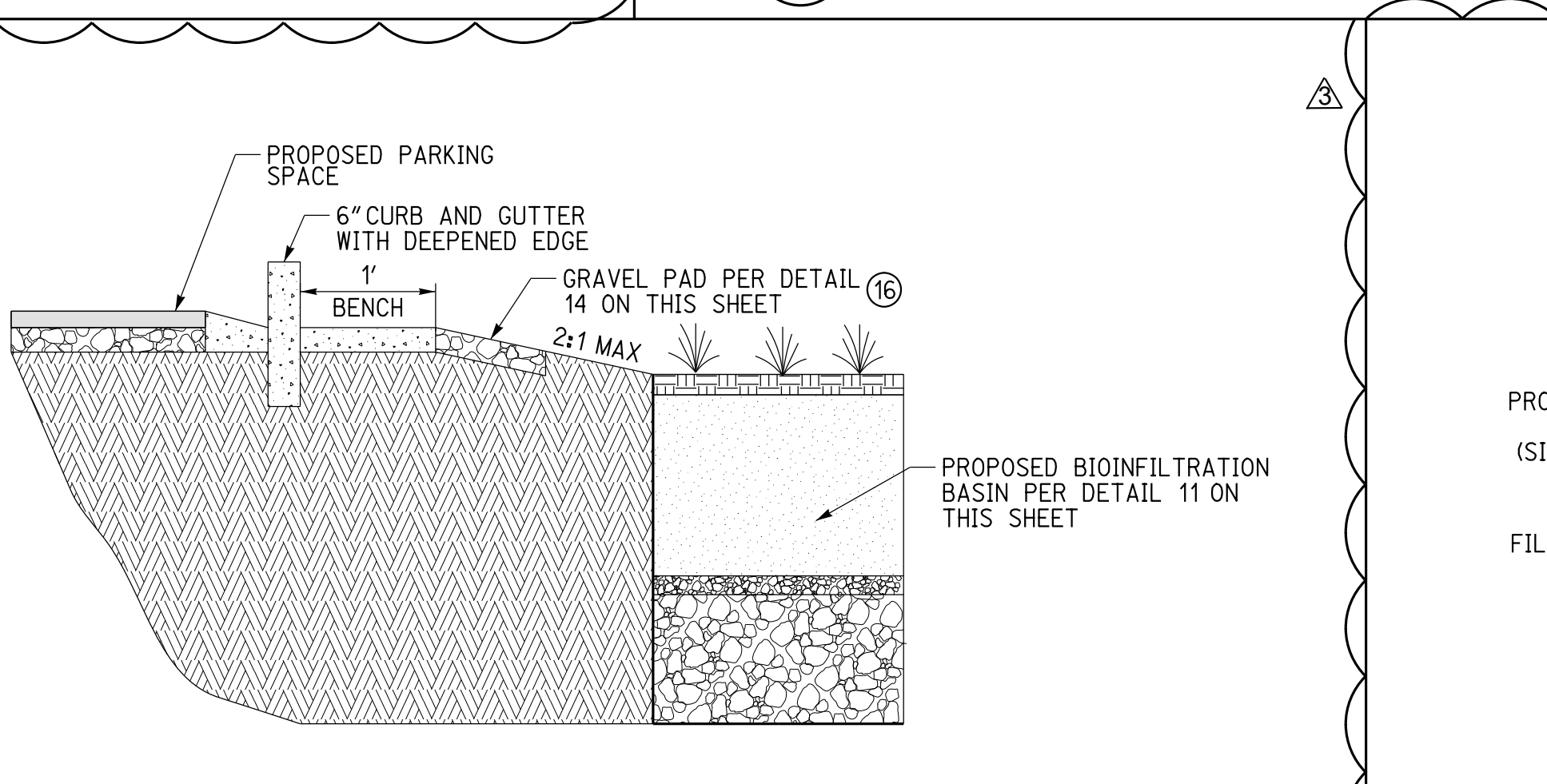
10 CATCH BASIN DROP INLET DETAIL



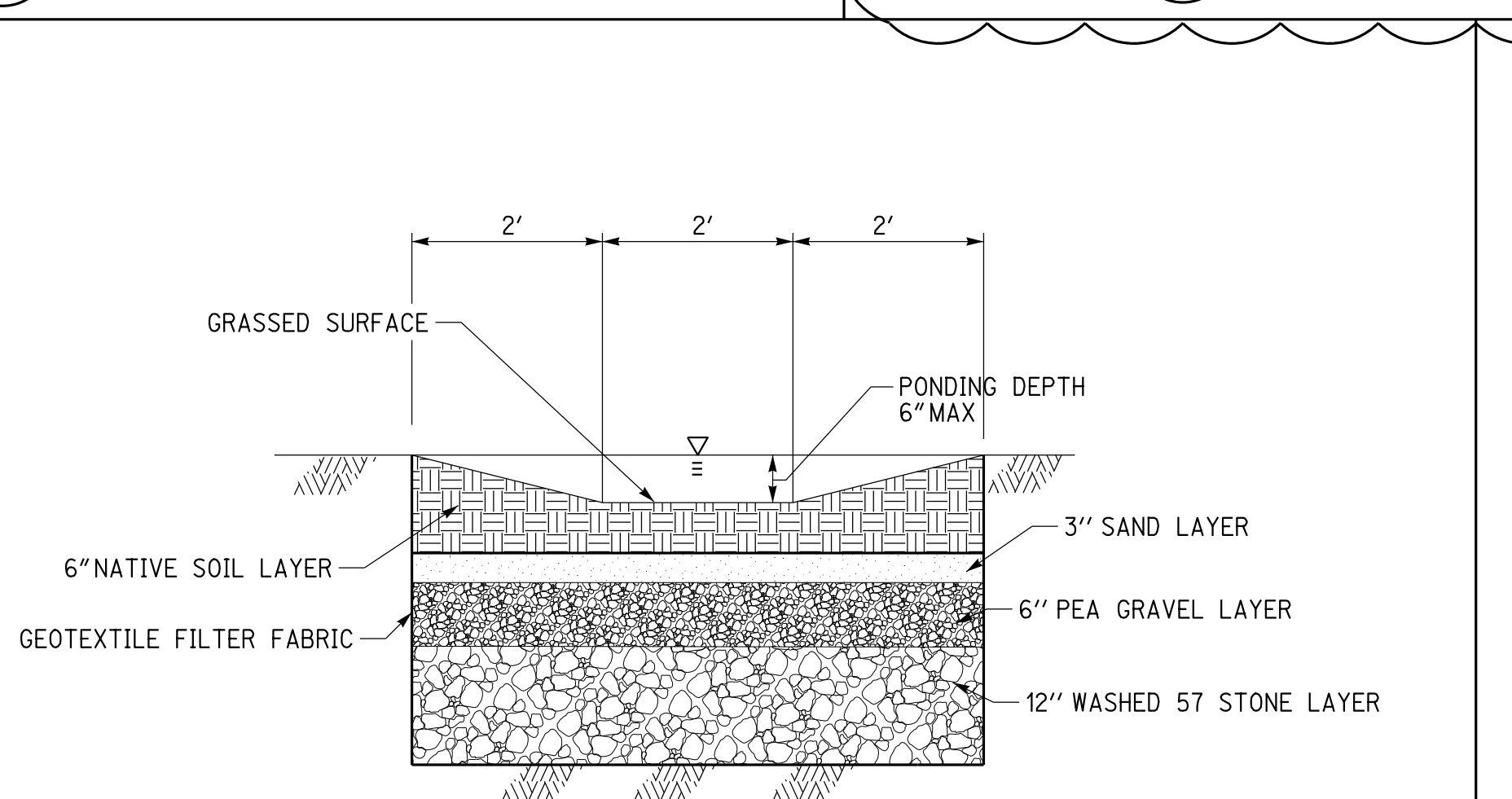
9 GRIND AND OVERLAY DETAIL



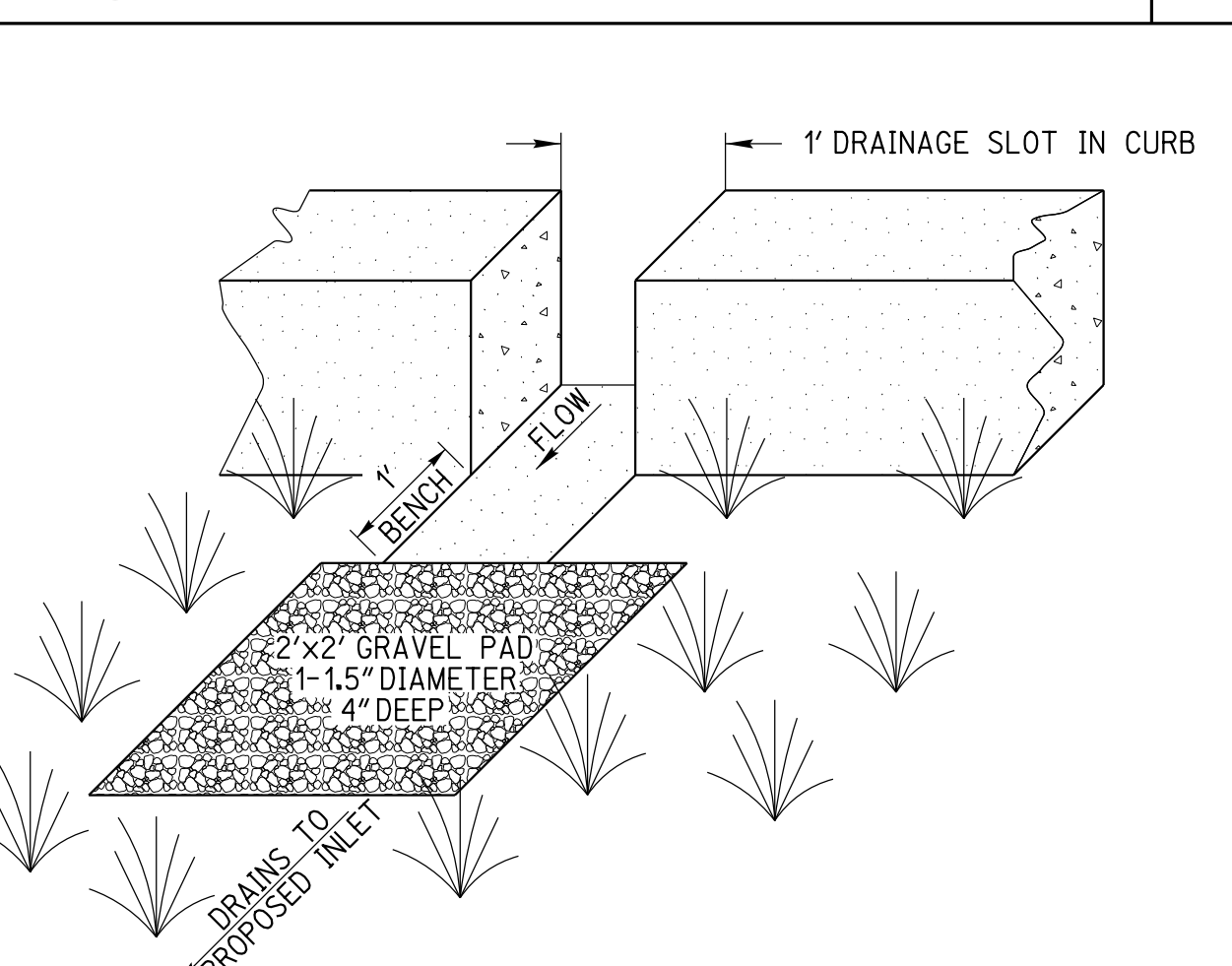
16 BIOINFILTRATION BASIN DETAIL



A SECTION A



15 VEGETATED SWALE DETAIL



14 CURB CUT WITH GRAVEL PAD



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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AC: FLS SS

DATE:

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: **C-04**

SHEET TITLE:

DETAIL SHEET

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TYPICAL BACKFLOW PREVENTION DEVICE INSTALLATION (FOR 2" AND SMALLER WATER SERVICES)
 STANDARD PLAN 2002 PLATE 309 SHEET 1 OF 1

NOTES:

- MECHANICAL BACKFLOW PREVENTION DEVICE SHALL BE A REDUCED PRESSURE PRINCIPLE DEVICE APPROVED BY CITY CROSS CONNECTION CONTROL INSPECTOR.
- PIPE FROM METER TO BACKFLOW PREVENTION DEVICE AND POINT "A" SHALL BE TYPE "K" RIGID OR BRONZED COPPER PIPE. EXPOSED COPPER SHALL BE PAINTED THE SAME COLOR AS BACKFLOW DEVICE. SEE GENERAL REQUIREMENT SECTION.
- SERVICES FROM 1" - 2" SHALL BE INSTALLED IN ACCORDANCE WITH PLATE 304 OR 305. LARGER SERVICES SHALL BE INSTALLED AS SPECIFIED BY PLATE 310.
- ALL COPPER JOINTS SHALL BE SILVER SOLDERED WITH 85-15.
- ALL IRRIGATION SERVICES ARE REQUIRED TO HAVE A REDUCED PRESSURE PRINCIPLE ASSEMBLY.
- BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING (PHONE 805/385-8155)
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
- INSTALLATION AND FITTINGS SHALL HAVE A MINIMUM OF 12" SIDE CLEARANCE.

STANDARD 1 1/2" - 2" COPPER SERVICE INSTALLATION
 STANDARD PLAN 2002 PLATE 304 SHEET 1 OF 1

NOTES:

- CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE PRIOR TO REQUESTING METER INSTALLATION.
- SEE STANDARD DRAWING NO. 305 FOR P.E. SERVICES.
- SERVICES SHALL NOT BE INSTALLED ON PRIVATE PROPERTY WITHOUT PUBLIC UTILITIES EASEMENT.
- METER BOXES INSTALLED IN DRIVEWAY, ALLEY OR TRAFFIC LOCATIONS REFER TO DETAIL "A".
- 1 1/2" & 2" SERVICES SHALL HAVE FLANGED ANGLE METER STOPS, FORD FV-23 (FLARE), FORD FV-43 (PACK JOINT), JONES J-4205 (COMPRESSION) OR EQUAL.
- CLOSE KEYS IN METER BOX WITH PLASTIC SHINGLE OR MORTAR.
- ALL SERVICES SHALL BE PERPENDICULAR TO THE MAIN.
- INSTALL METER BOX 6" TO 18" FROM SIDE PROPERTY LINE AND GROUPED FOR EASE OF READING, SEE PLATE 306.
- CONTRACTOR SHALL PROTECT ENTIRE METER ASSEMBLY FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- METER BOX SHALL BE SET AND ADJUSTED PRIOR TO INSTALLATION OF METER.
- METER SHALL BE INSTALLED BY CITY. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS WITH WATER SERVICES PROGRAM TO COORDINATE INSTALLATION.

TYPICAL BARRICADES FOR FIRE HYDRANT
 STANDARD PLAN 2002 PLATE 301 SHEET 1 OF 1

NOTES:

- CONCRETE FOOTING SHALL EXTEND 3' BELOW SURFACE.
- GUARD SHALL BE 5'-6" IN LENGTH EXTENDING 2'-6" ABOVE THE SURFACE AND SHALL BE 3" STEEL PIPE FILLED WITH CONCRETE.
- VARIATIONS OF THE ABOVE ARRANGEMENTS MAY BE REQUIRED UNDER UNUSUAL CIRCUMSTANCES.
- GUARD TO BE PAINTED THE SAME AS FIRE HYDRANT.

DETAILS FOR FIRE HYDRANT INSTALLATION
 STANDARD PLAN 2002 PLATE 300 SHEET 1 OF 1

NOTES:

- IF SIDEWALK IS ADJACENT TO CURB AND 5' OR LESS IN WIDTH, THEN F.H. SHALL BE PLACED 18" FROM FACE OF CURB.
- ALL BREAKAWAY BOLTS SHALL BE CADMIUM PLATED. ALL BELOW GRADE BOLTS TO BE STAINLESS STEEL. REFER TO GENERAL REQUIREMENT SECTION FOR PAINT REQUIREMENTS.
- ALTERNATE FIRE HYDRANT LOCATIONS MAY BE APPROVED BY CITY ENGINEER.
- COPPER LOCATION WIRE REQUIRED.
- BLUE REFLECTIVE PAVEMENT MARKERS REQUIRED PER PLATE 202.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.

3" & LARGER IRRIGATION WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 320 SHEET 1 OF 2

GENERAL NOTES:

- UNLESS OTHERWISE NOTED THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
- AFTER THE TRENCH HAS BEEN BACKFILLED TO THE TOP OF PIPE, AREAS TO BE OCCUPIED BY THRUST BLOCKS SHALL BE RE-EXCAVATED AND SHAPED. AFTER SHAPING SIMPLE PLYWOOD, OR BOX WOOD FORMS SHALL BE INSERTED ADJACENT TO THE VERTICAL NON-PRESSURE BEARING SIDES OF THE MOLD. CITY INSPECTION OF THE MOLD-FORM MUST BE OBTAINED PRIOR TO CASTING THE THRUST BLOCK.
- THE THRUST BLOCK IS TO BE CAST IN SUCH A MANNER TO CRADLE THE PIPE OR FITTING. CONC. ENVELOPMENT SHALL BE PERPENDICULAR TO THE LINE OF THRUST.
- * = ENGINEER TO DETERMINE CONFIGURATION & DIRECTION OF THRUST
- SELF HAUL CONCRETE MUST BE APPROVED BY INSPECTOR

3" & LARGER WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 317 SHEET 1 OF 1

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW, INSTALLED AS SHOWN.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
- COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
- BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
- A 2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

2 1/2" & LARGER FIRE LINE INSTALLATION
 STANDARD PLAN 2002 PLATE 311 SHEET 1 OF 2

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
- THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
- CONTACT FIRE DEPARTMENT (PHONE 805/385-7722) FOR ADDITIONAL CONNECTIONS AND ALARM SYSTEM REQUIREMENTS.
- BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
- A 2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

3" & LARGER WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 310 SHEET 1 OF 1

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & A REDUCING ELBOW, INSTALLED AS SHOWN.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED. BURIED FITTINGS TO BE NO-OX-ID COATED AND P.E. WRAPPED.
- THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL REPRESENTATIVE PRIOR TO ACTIVATING. (PHONE 805/385-8155).
- BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

REVISIONS:	DESCRIPTION	DATE
▲	BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=40'

SHEET NUMBER: C-05

SHEET TITLE:

DEMOLITION PLAN



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LEGEND

- EXISTING ELECTRICAL BOX [Symbol]
- EXISTING ELECTRIC VAULT [Symbol]
- EXISTING WATER METER [Symbol]
- EXISTING LIGHT POLE [Symbol]
- EXISTING GAS VALVE [Symbol]
- EXISTING TELEPHONE MANHOLE [Symbol]
- EXISTING SEWER MANHOLE [Symbol]
- EXISTING STORM DRAIN MANHOLE [Symbol]
- EXISTING WATER VALVE [Symbol]
- EXISTING POWER POLE [Symbol]
- EXISTING GUY WIRE [Symbol]
- EXISTING CHAIN LINK FENCE [Symbol]
- CONTOUR (EXISTING) [Symbol]
- PROJECT BOUNDARY [Symbol]
- EXISTING CENTERLINE [Symbol]
- EXISTING CURB AND GUTTER [Symbol]
- EXISTING TREE [Symbol]
- EXISTING EDGE OF PAVEMENT [Symbol]
- EXISTING GAS MAIN [Symbol]
- EXISTING WATER MAIN [Symbol]
- EXISTING SEWER MAIN [Symbol]
- EXISTING FH [Symbol]

DEMOLITION NOTES

ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

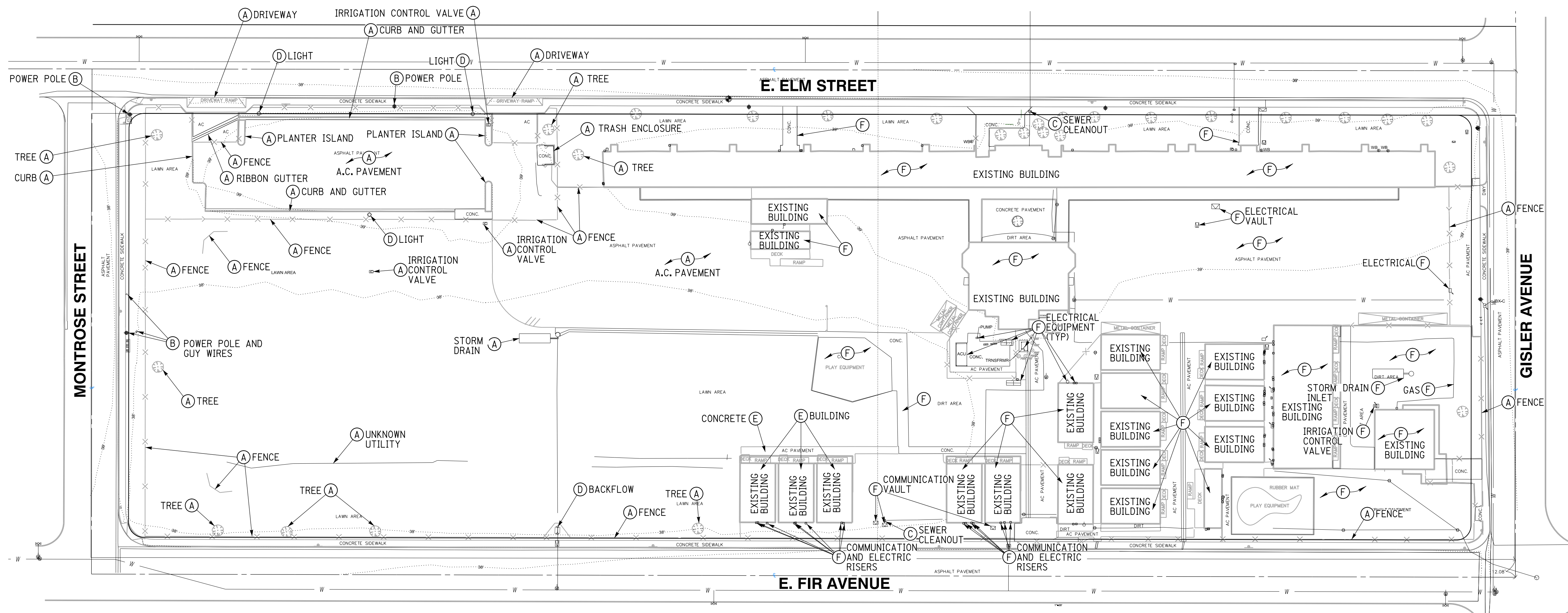
ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

CONSTRUCTION NOTES

(A) EXISTING TO BE REMOVED
 (B) EXISTING TO BE PROTECTED IN PLACE
 (C) EXISTING TO BE ADJUSTED TO GRADE
 (D) EXISTING TO BE SALVAGED AND RELOCATED
 (E) MODULAR BUILDINGS TO BE RELOCATED
 (F) EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE



SCALE: 1" = 40'

811
Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



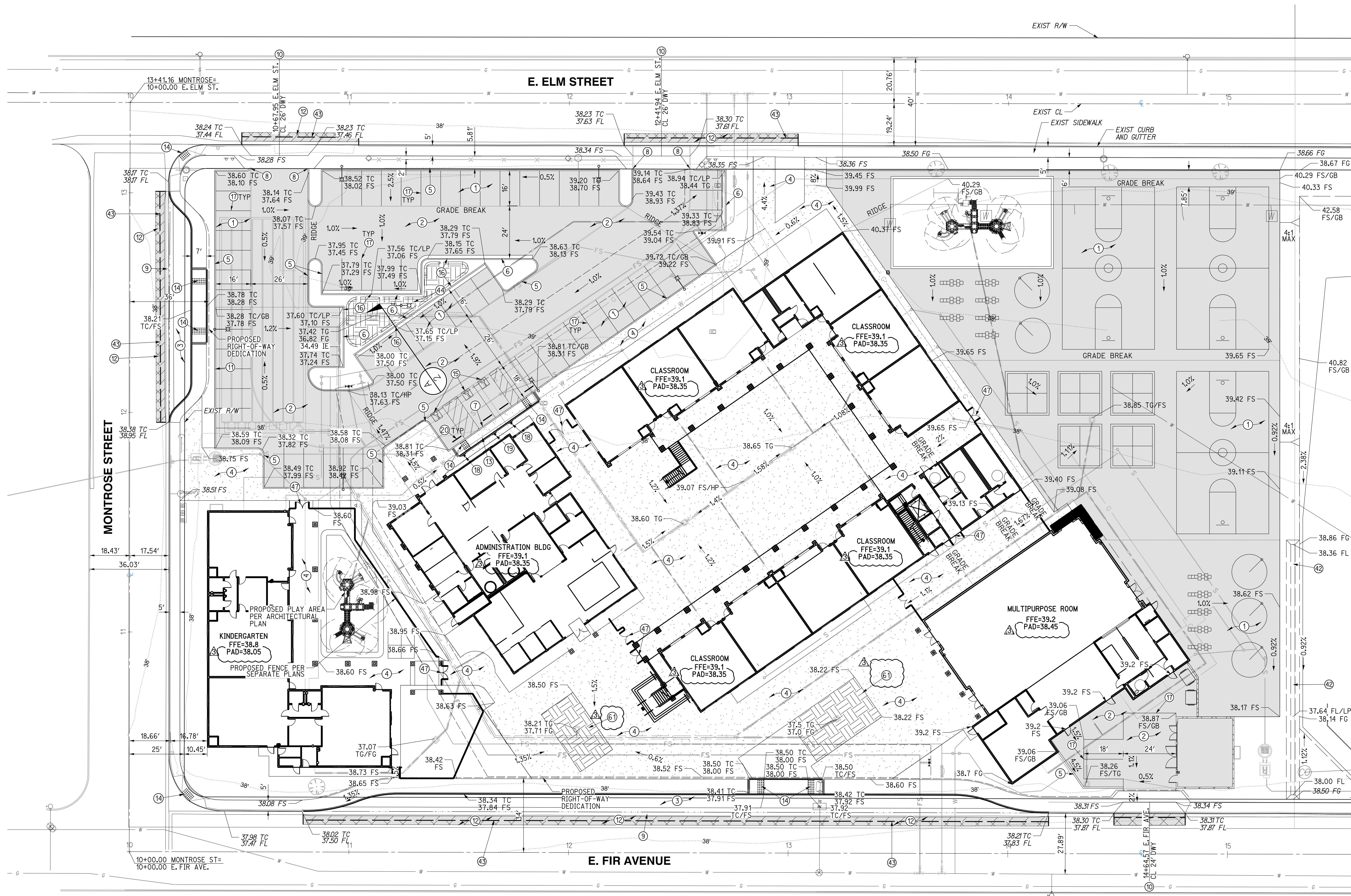
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GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

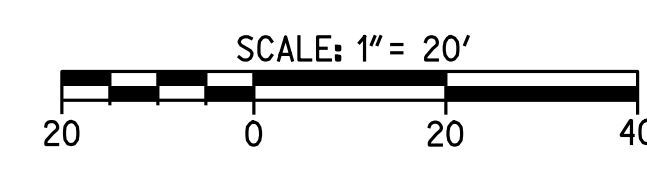
*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

1) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	12) GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
2) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	13) CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
3) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	14) INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
4) CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OC ED UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	15) APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
5) CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	16) CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
6) CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	17) APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
7) CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	18) INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
8) CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	19) INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
9) CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	20) INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
10) CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	42) CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
11) CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	43) SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		44) CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		47) INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		6) CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



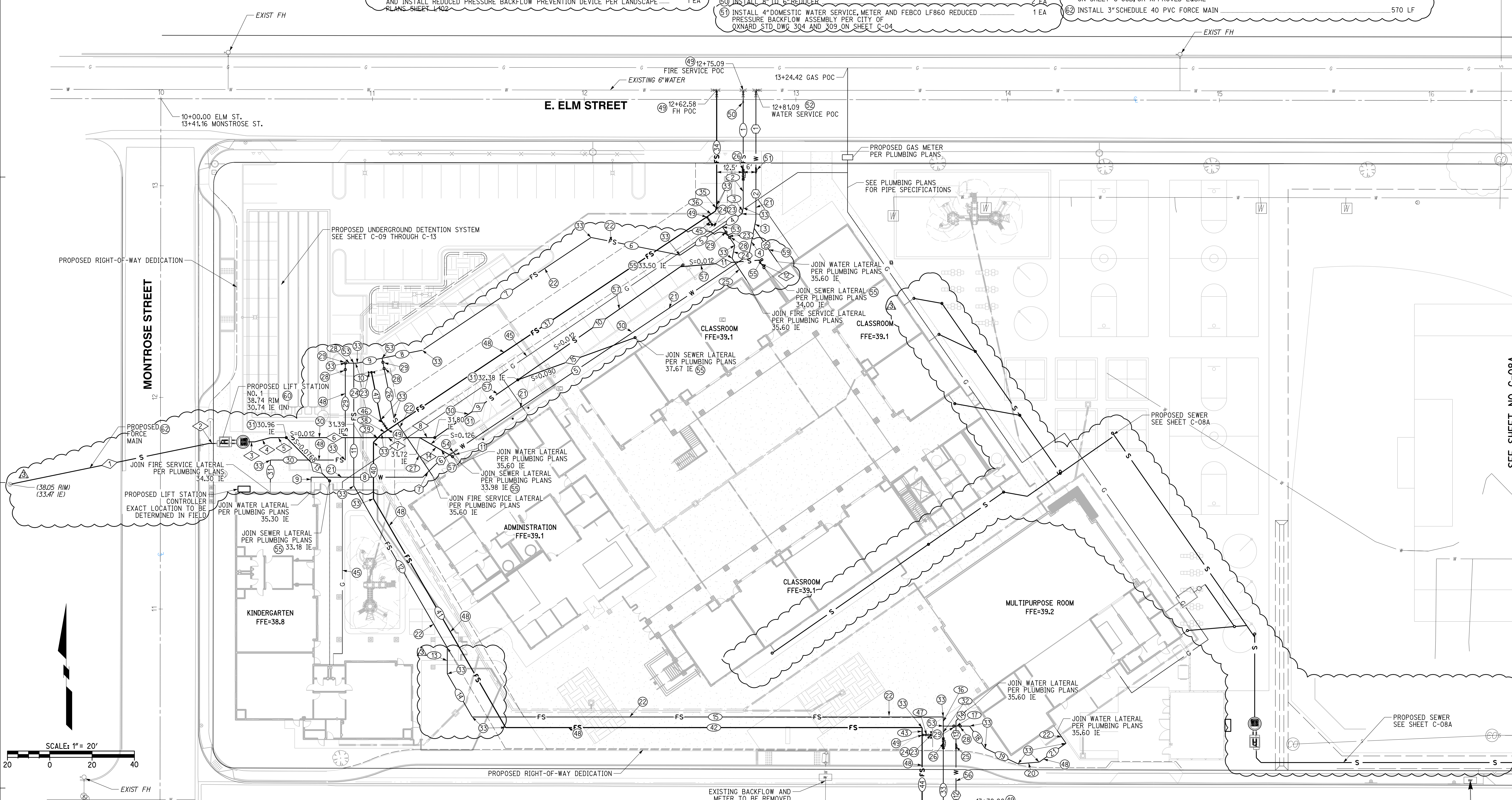
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CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

21) INSTALL 4" C-900 PVC WATER SERVICE	250 LF	28) INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS	4 EA	62) INSTALL 6"x6"x4" TEE	1 EA
22) INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE	1,000 LF	29) INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS	4 EA	63) INSTALL 8"x8"x8" TEE	5 EA
23) INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	30) INSTALL 6" SDR-35 PVC SEWER	600 LF	64) INSTALL 4"x4"x4" TEE	1 EA
24) INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04	2 EA	31) INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA	65) INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	10 EA
25) INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04	1 EA	32) CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401	2 EA	66) INSTALL 2.5" COPPER WATER SERVICE	50 LF
26) INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311	2 EA	33) INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320	30 EA	67) INSTALL 4" SDR-35 PVC SEWER	350 LF
27) FEBCO B DOUBLE CHECK DETECTOR BACKFLOW ASSEMBLY ON SHEET C-04	1 EA	40) INSTALL GAS SERVICE BY OTHERS	850 LF	68) INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL	95 LF
28) CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-08	1 EA	48) INSTALL 6" C-900 PVC FIRE SERVICE	700 LF	69) INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL	25 LF
		49) INSTALL 6"x6"x6" TEE	7 EA	70) INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
		50) INSTALL 8" TO 6" REDUCER	2 EA	62) INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
		51) INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04	1 EA		



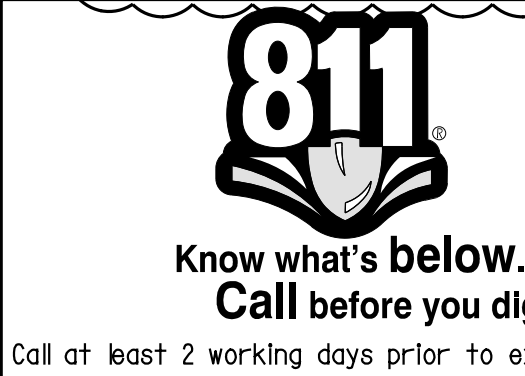
WATER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	8" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
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UTILITY PLAN

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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08A

SHEET TITLE:

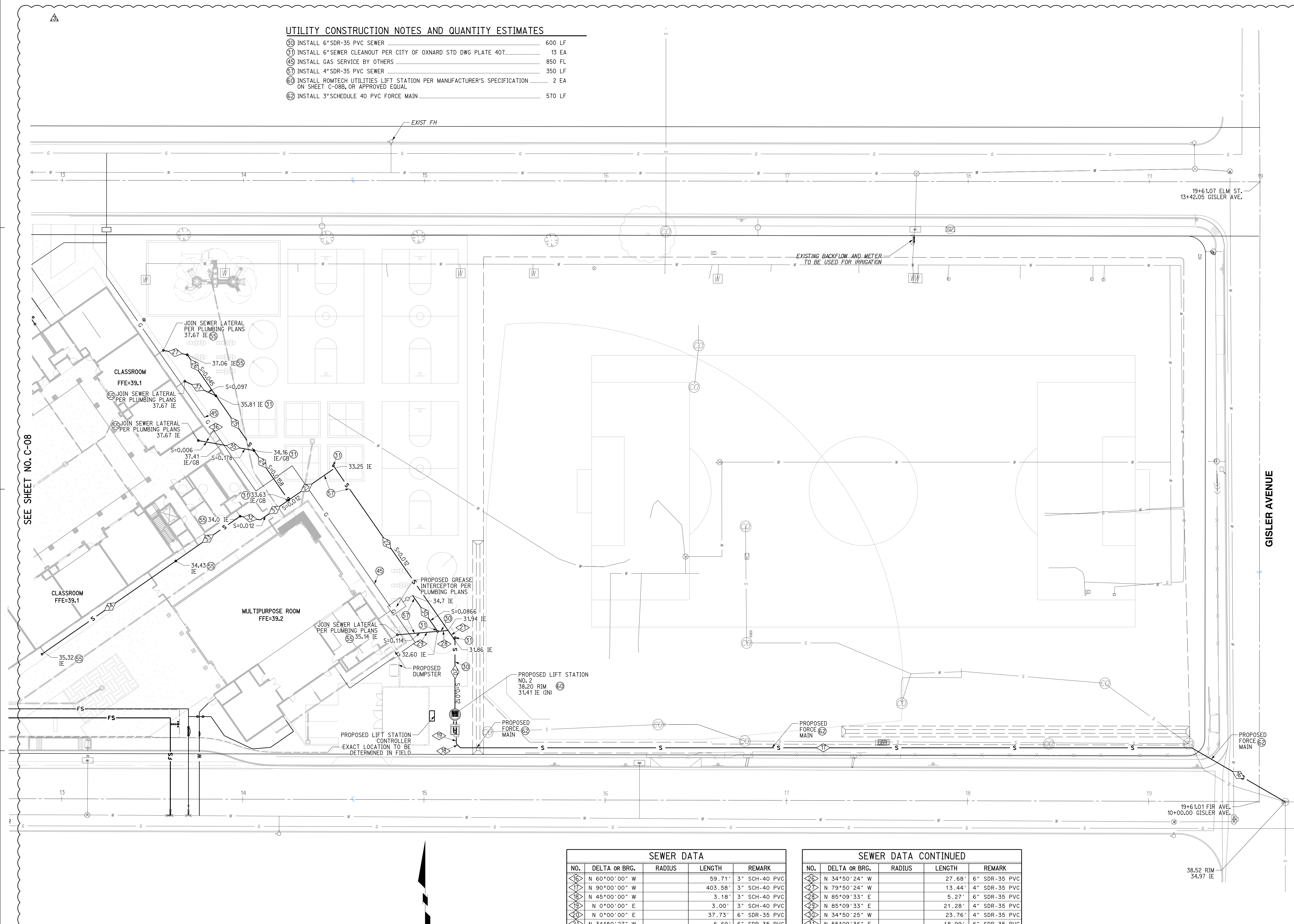
UTILITY PLAN

RICK
ENGINEERING COMPANY
1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.8707
(FAX) 951.782.0723
San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rickeng@rickeng.com



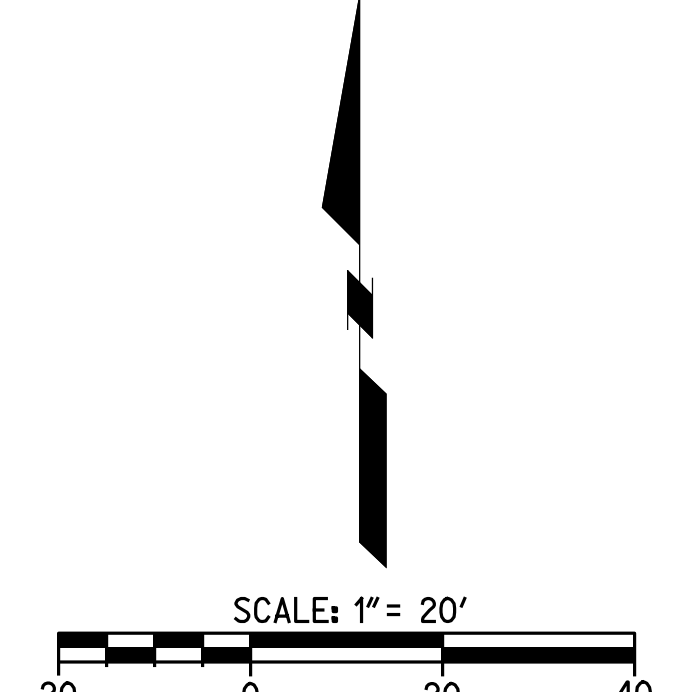
UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- 30 INSTALL 6" SDR-35 PVC SEWER 600 LF
- 31 INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 13 EA
- 45 INSTALL GAS SERVICE BY OTHERS 850 FL
- 57 INSTALL 4" SDR-35 PVC SEWER 350 LF
- 60 INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL 2 EA
- 62 INSTALL 3" SCHEDULE 40 PVC FORCE MAIN 570 LF



SEWER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	3" SCH-40 PVC
17	N 90°00'00" W		403.58'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'26" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 55°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



811
Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
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CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC: FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-08B

SHEET TITLE:

LIFT STATION
DETAILS

RICK
ENGINEERING COMPANY

1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
(FAX) 951.782.0723
San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
RICK@RICKENG.COM

SVA

ARCHITECTS

3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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PROJECT INFO

Job Name: Montrose
Company: RICK Engineering Company
Contact: Pumps
Job Type: New Station
Water Type: Wastewater

PACKAGE/STARTUP

Offering: Complete System
Mechanical: Pumps
Control Panel: Control Panel
Startup: Startup

WELL SUMMARY

Material: Concrete
Diameter: 5 Feet
Bore: 7 Feet
Inside Height: 39.00 Feet
Storage Depth: 0.00 Feet
Disch. Piping Size: PVC SCH80
Disch. Piping Type: Straight Through
Lining: Unlined

WELL WELL TOP

Traffic Rating: H-20 Occasional
Hatch Options: None
Vent Options: Vent (Cast in top slab)

WELL WELL BASE

Base: Flat ramp (w/ gravel ring)
Lining: No Lining

CRANE

Crane: N/A
Base/Winch: N/A

FORCE MAIN

ID Length: 3' x 0.2
Type/Rating: PVC SCH80
FM High Point: 33.47

DUTY POINT

Pumping Rate: 250 GPM (Total)
Static Head: 57.7 Feet
TDH: 20.8 Feet

PRIMARY PUMPS

Manufacturer: Ebara
Model: 800VBFU62.2
Impeller Model/Dia: 5.62 Tri. Yes
Motor HP: 3 HP Exp. Prod. Yes
Voltage/Phase: 460V / 3-Phase
Cable length: 33
Mix Flush Valve: N/A

ROCKY PUMP

Manufacturer: N/A
Model: 0
Impeller Model/Dia: 0 Tri. No
Motor HP: 0 Exp. Prod. No
Voltage/Phase: 0
Cable length: 0
Mix Flush Valve: 0

VALVE VAULT

Valve Size: 8" Model: SOE (H&H)
Hatch: H-20 Flat
Pressure Gauge: N/A
Check Options: Plain
Shut Off Options: Plug Direct Op Nut
Options: N/A
Options: N/A
Options: N/A

CONTROL PANEL

Power: 480V / 3-Phase
Controller: N/A
Primary Sensor: 4 Bars
Secondary Sensor: N/A
Enclosure: NEMA 4
Pump/Sense Wiring: Direct
Options: Alarm Beep
Options: Audible Alarm

GENERATOR

Model: N/A
Enclosure: 0
Transfer Switch: 0
Options: 0
Options: 0
Type: N/A
Size: 0

CURRENT REVISION: 4/18/17 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
39.33	0.00	Inlet
29.24	0.00	Ht. Alarm
28.99	0.25	Lag Start
28.49	0.50	Lead Start
28.49	1.75	Lead Stop
26.74	2.00	Pump Stop
24.74	0	Sump Floor

Montrose - PRELIMINARY DESIGN.dwg

PROJECT INFO

Job Name: Elm
Company: RICK Engineering Company
Contact: Pumps
Job Type: New Station
Water Type: Wastewater

PACKAGE/STARTUP

Offering: Complete System
Mechanical: Pumps
Control Panel: Control Panel
Startup: Startup

WELL SUMMARY

Material: Concrete
Diameter: 5 Feet
Bore: 7 Feet
Inside Height: 39.00 Feet
Storage Depth: 0.00 Feet
Disch. Piping Size: PVC SCH80
Disch. Piping Type: Straight Through
Lining: Unlined

WELL WELL TOP

Traffic Rating: H-20 Occasional
Hatch Options: None
Vent Options: Vent (Cast in top slab)

WELL WELL BASE

Base: Flat ramp (w/ gravel ring)
Lining: No Lining

CRANE

Crane: N/A
Base/Winch: N/A

FORCE MAIN

ID Length: 3' x 480
Type/Rating: PVC SCH80
FM High Point: 34.97

DUTY POINT

Pumping Rate: 250 GPM (Total)
Static Head: 57.7 Feet
TDH: 20.8 Feet

PRIMARY PUMPS

Manufacturer: Ebara
Model: 800VBFU62.2
Impeller Model/Dia: 5.62 Tri. Yes
Motor HP: 3 HP Exp. Prod. Yes
Voltage/Phase: 460V / 3-Phase
Cable length: 33
Mix Flush Valve: N/A

ROCKY PUMP

Manufacturer: N/A
Model: 0
Impeller Model/Dia: 0 Tri. No
Motor HP: 0 Exp. Prod. No
Voltage/Phase: 0
Cable length: 0
Mix Flush Valve: 0

VALVE VAULT

Valve Size: 8" Model: SOE (H&H)
Hatch: H-20 Flat
Pressure Gauge: N/A
Check Options: Plain
Shut Off Options: Plug Direct Op Nut
Options: N/A
Options: N/A
Options: N/A

CONTROL PANEL

Power: 480V / 3-Phase
Controller: N/A
Primary Sensor: 4 Bars
Secondary Sensor: N/A
Enclosure: NEMA 4
Pump/Sense Wiring: Direct
Options: Alarm Beep
Options: Audible Alarm

GENERATOR

Model: N/A
Enclosure: 0
Transfer Switch: 0
Options: 0
Options: 0
Type: N/A
Size: 0

CURRENT REVISION: 4/18/17 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
31.24	0.00	Inlet
31.20	0.00	Ht. Alarm
30.96	0.25	Lag Start
30.45	0.50	Lead Start
30.45	1.25	Lead Stop
29.20	2.00	Pump Stop
27.30	0	Sump Floor

Elm - PRELIMINARY DESIGN.dwg

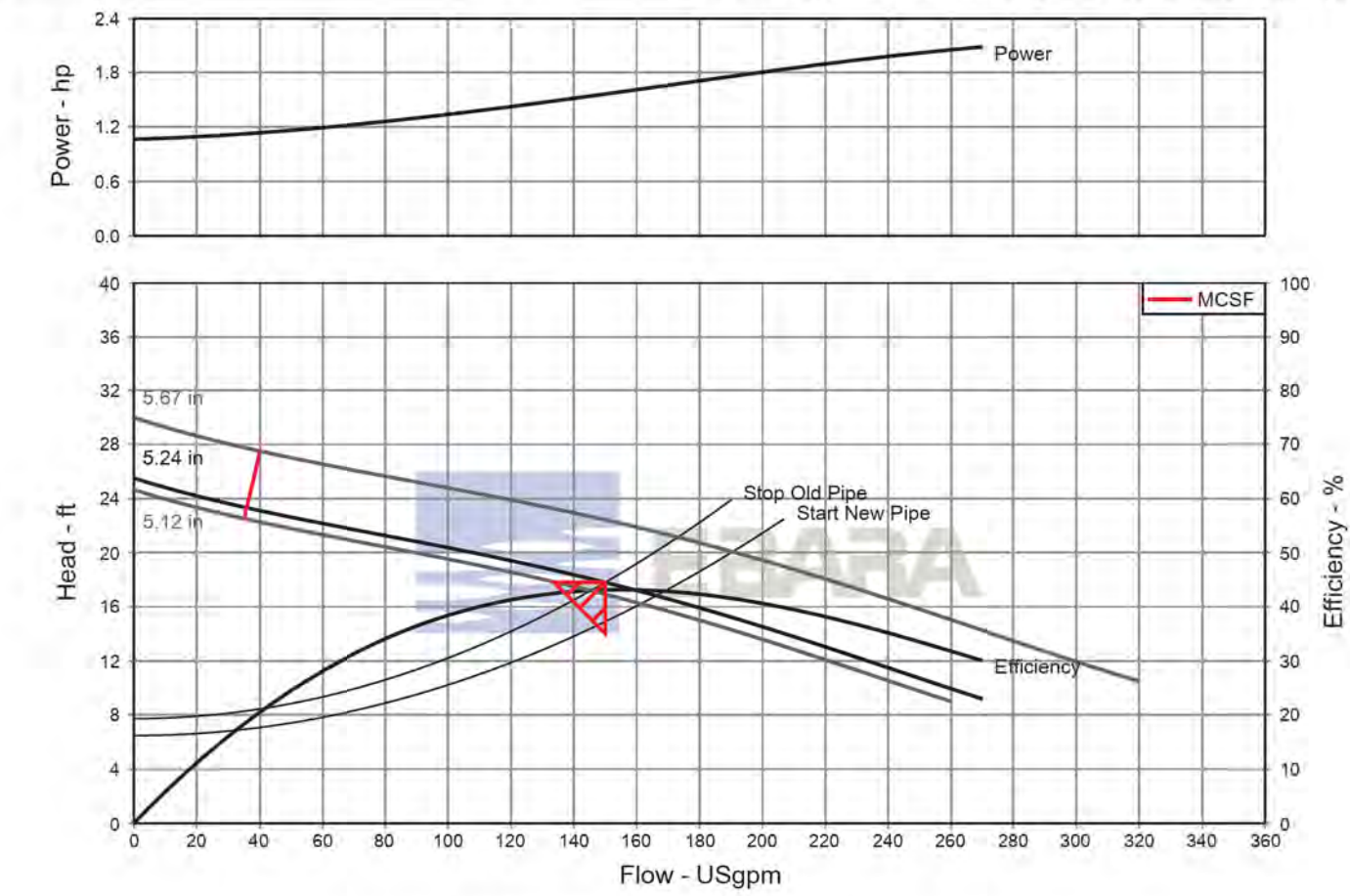
Customer Reference: Romtec Utilities, Montrose
Pump Performance Datasheet
Ebara QStation System 17.14.0

Item number	Default	Product Description	800VBFU62.2
Service		Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:54 PM

Operating Conditions
Flow, rated: 150.0 USgpm
Liquid type: Water
Differential head / pressure, rated (requested): 17.80 ft / 10.00 psi
Additional liquid description: Solids diameter, max: 0.00 in
Differential head / pressure, rated (actual): 18.26 ft / 10.00 psi
Solids concentration, by volume: 0.00 %
Suction pressure, rated / max: 0.00 / 0.00 psi g
Temperature, max: 68.00 deg F
NPSH available, rated: Ample
Fluid density, rated / max: 1.000 / 1.000 SG
Frequency: 60 Hz
Viscosity, rated: 1.00 cP

Performance
Speed, rated: 1740 rpm
Vapor pressure, rated: 0.00 psi a
Impeller diameter, rated: 5.24 in
Material: Cast iron
Impeller diameter, maximum: 5.67 in
Material selected: Cast iron
Impeller diameter, minimum: 5.12 in
Pressure Data
Efficiency: 43.10 %
Maximum working pressure: 11.04 psi g
NPSH required / margin required: < 0.00 ft
Maximum allowable working pressure: N/A
N3 (imp. eye flow) / N3s (imp. eye flow): 2.377 / - US Units
Maximum allowable suction pressure: N/A
MCSF: 35.84 USgpm
Hydrostatic test pressure: N/A

Driver & Power Data (@Max density)
Head, maximum, rated diameter: 25.51 ft
Rated power: 2.24 kW (Fixed)
Head rise to shutoff: 43.29 ft
Driver sizing specification: 1.00
Flow, best eff. point: 155.1 USgpm
Margin over specification: 0.00 %
Flow ratio, rated / BEP: 96.71 %
Service factor: 1.00
Diameter ratio (rated / max): 92.36 %
Power, hydraulic: 0.67 hp
Head ratio (rated dia / max dia): 79.36 %
Power, rated: 1.56 hp
Cp/Ce/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
Power, maximum, rated diameter: 2.09 hp
Selection status: Acceptable
Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION
NUMBER 1

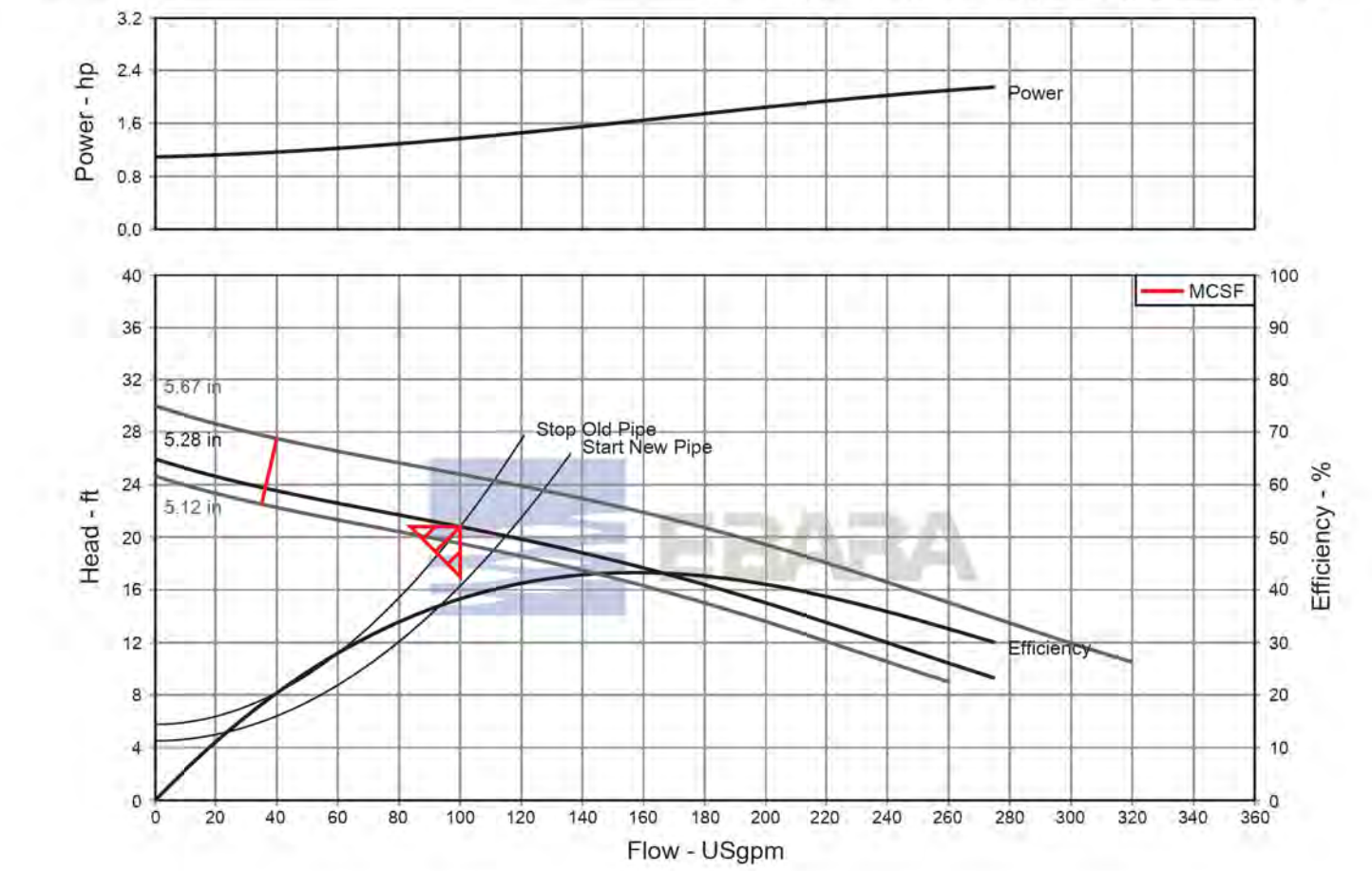
Customer Reference: Romtec Utilities, Elm
Pump Performance Datasheet
Ebara QStation System 17.14.0

Item number	Default	Product Description	800VBFU62.2
Service		Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:07 PM

Operating Conditions
Flow, rated: 100.0 USgpm
Liquid type: Water
Differential head / pressure, rated (requested): 20.80 ft / 10.00 psi g
Additional liquid description: Solids diameter, max: 0.00 in
Differential head / pressure, rated (actual): 20.97 ft / 10.00 psi g
Solids concentration, by volume: 0.00 %
Suction pressure, rated / max: 0.00 / 0.00 psi g
Temperature, max: 68.00 deg F
NPSH available, rated: Ample
Fluid density, rated / max: 1.000 / 1.000 SG
Frequency: 60 Hz
Viscosity, rated: 1.00 cP

Performance
Speed, rated: 1740 rpm
Vapor pressure, rated: 0.00 psi a
Impeller diameter, rated: 5.28 in
Material: Cast iron
Impeller diameter, maximum: 5.67 in
Material selected: Cast iron
Impeller diameter, minimum: 5.12 in
Pressure Data
Efficiency: 38.30 %
Maximum working pressure: 11.23 psi g
NPSH required / margin required: < 0.00 ft
Maximum allowable working pressure: N/A
N3 (imp. eye flow) / N3s (imp. eye flow): 2.377 / - US Units
Maximum allowable suction pressure: N/A
MCSF: 36.28 USgpm
Hydrostatic test pressure: N/A

Driver & Power Data (@Max density)
Head, maximum, rated diameter: 25.95 ft
Rated power: 2.24 kW (Fixed)
Head rise to shutoff: 24.74 ft
Driver sizing specification: 1.00
Flow, best eff. point: 157.5 USgpm
Margin over specification: 0.00 %
Flow ratio, rated / BEP: 63.58 %
Service factor: 1.00
Diameter ratio (rated / max): 93.06 %
Power, hydraulic: 0.53 hp
Head ratio (rated dia / max dia): 83.91 %
Power, rated: 1.37 hp
Cp/Ce/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
Power, maximum, rated diameter: 2.15 hp
Selection status: Acceptable
Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION
NUMBER 2



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

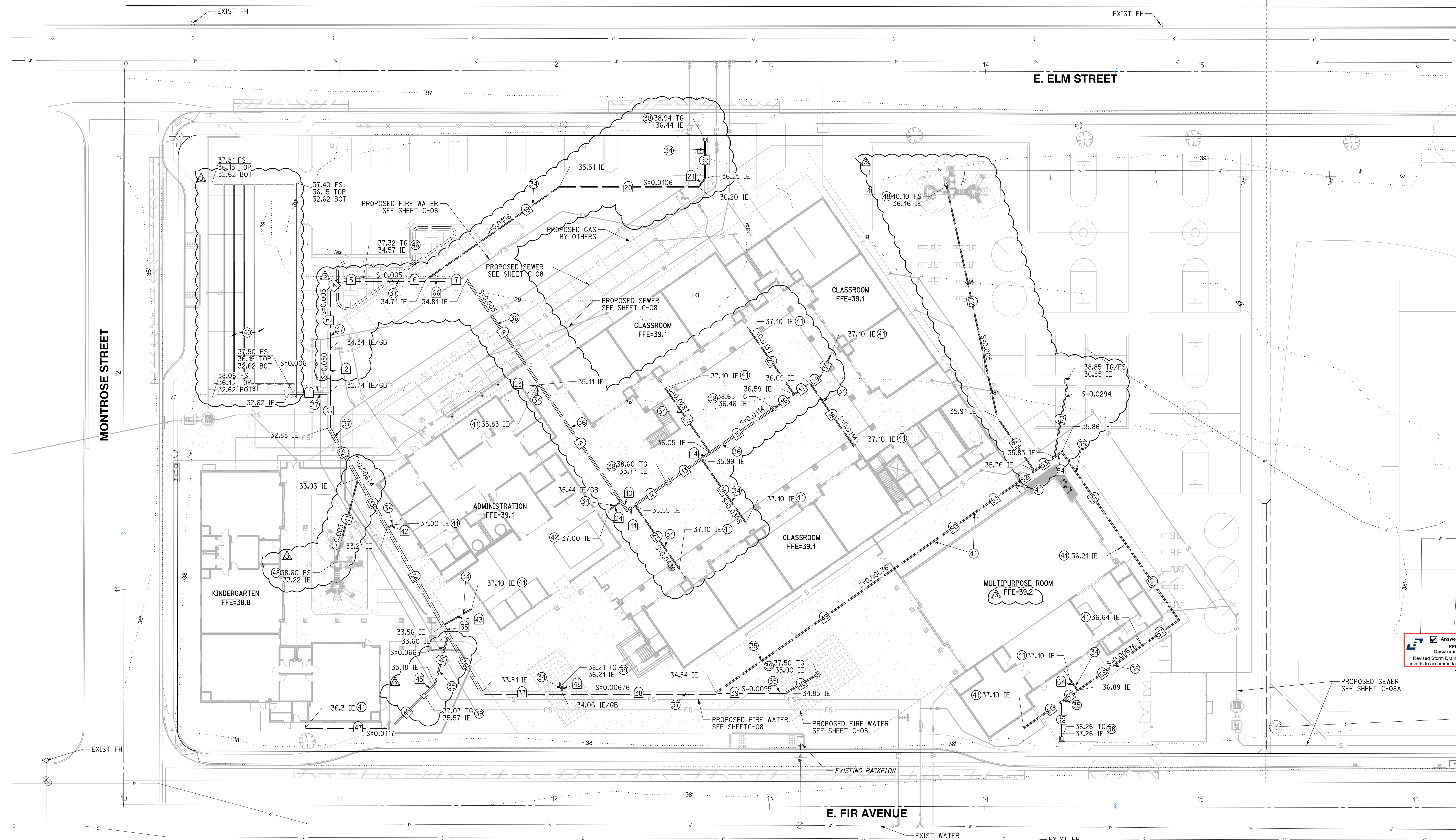
SHEET NUMBER: **C-09**

SHEET TITLE: **STORM DRAIN PLAN**



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

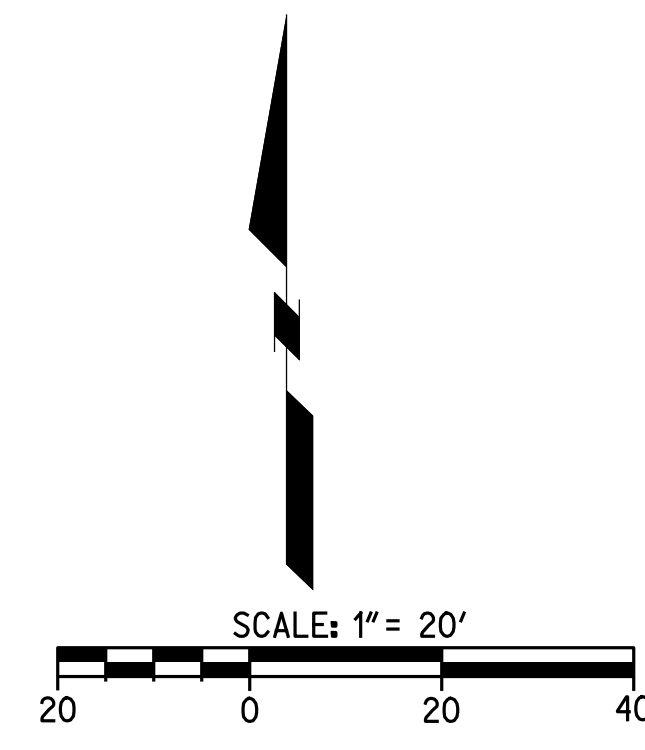


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



CAUTION:
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 OFFICE OF REGULATION SERVICES

A# 03-116407
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 DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

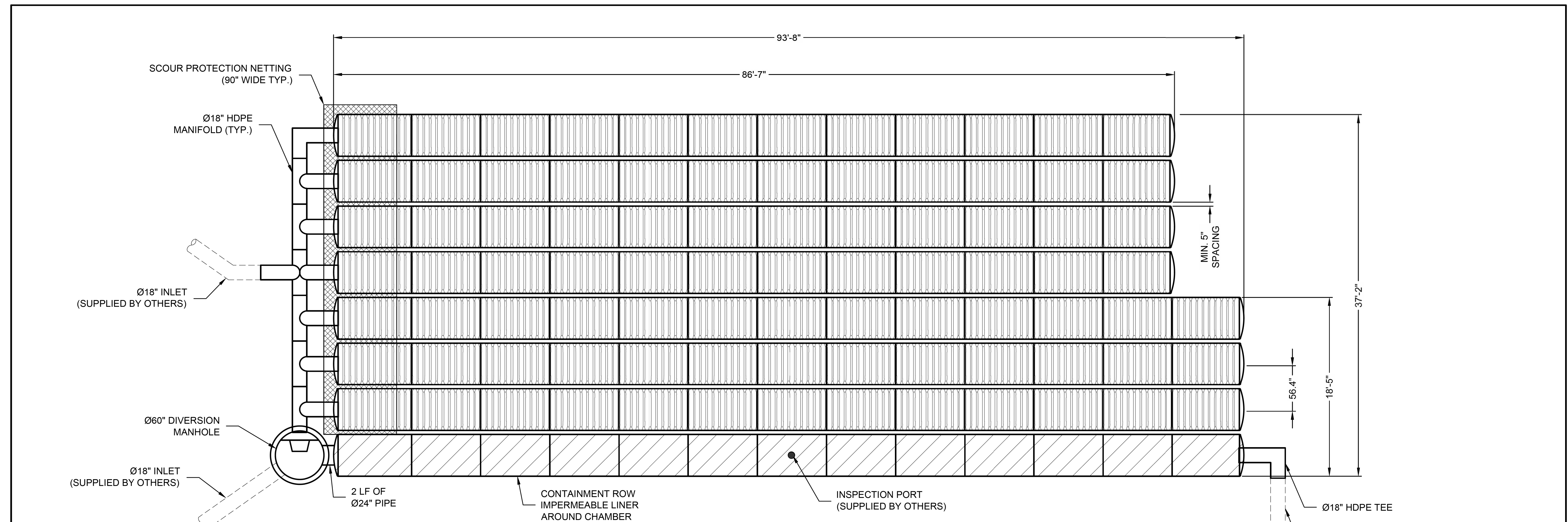
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: C-10
 SHEET TITLE:

STORM DRAIN DETAILS

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@earthlink.net

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 T 949.809.3380 WWW.SVA-ARCHITECTS.COM
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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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CHAMBERMaxx®
 PATENT PENDING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 4		

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 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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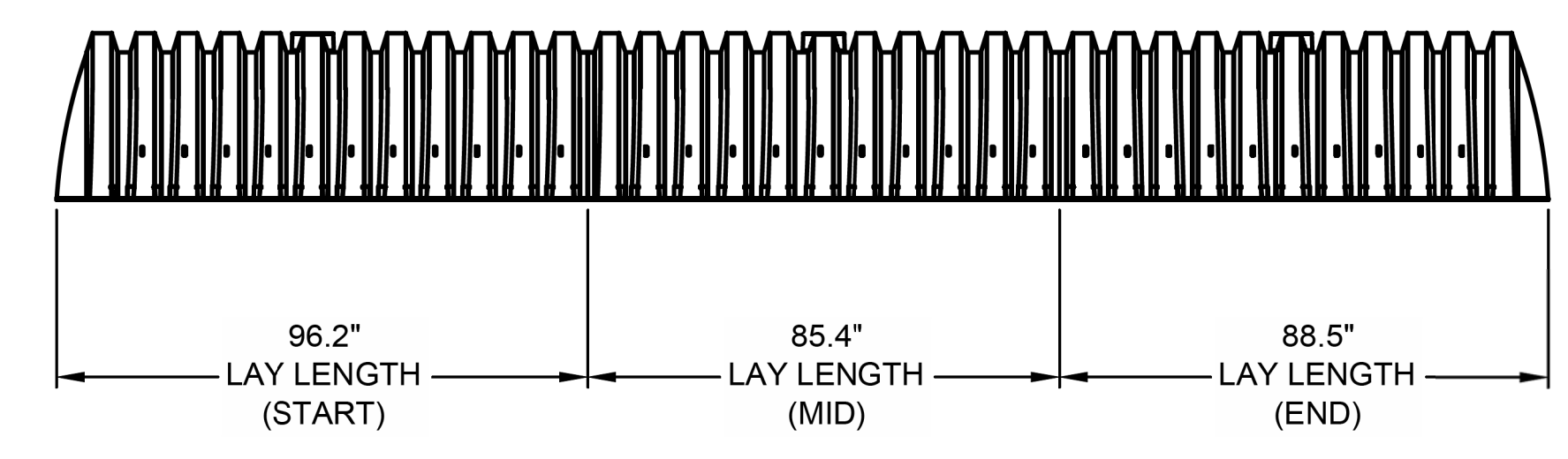
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BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

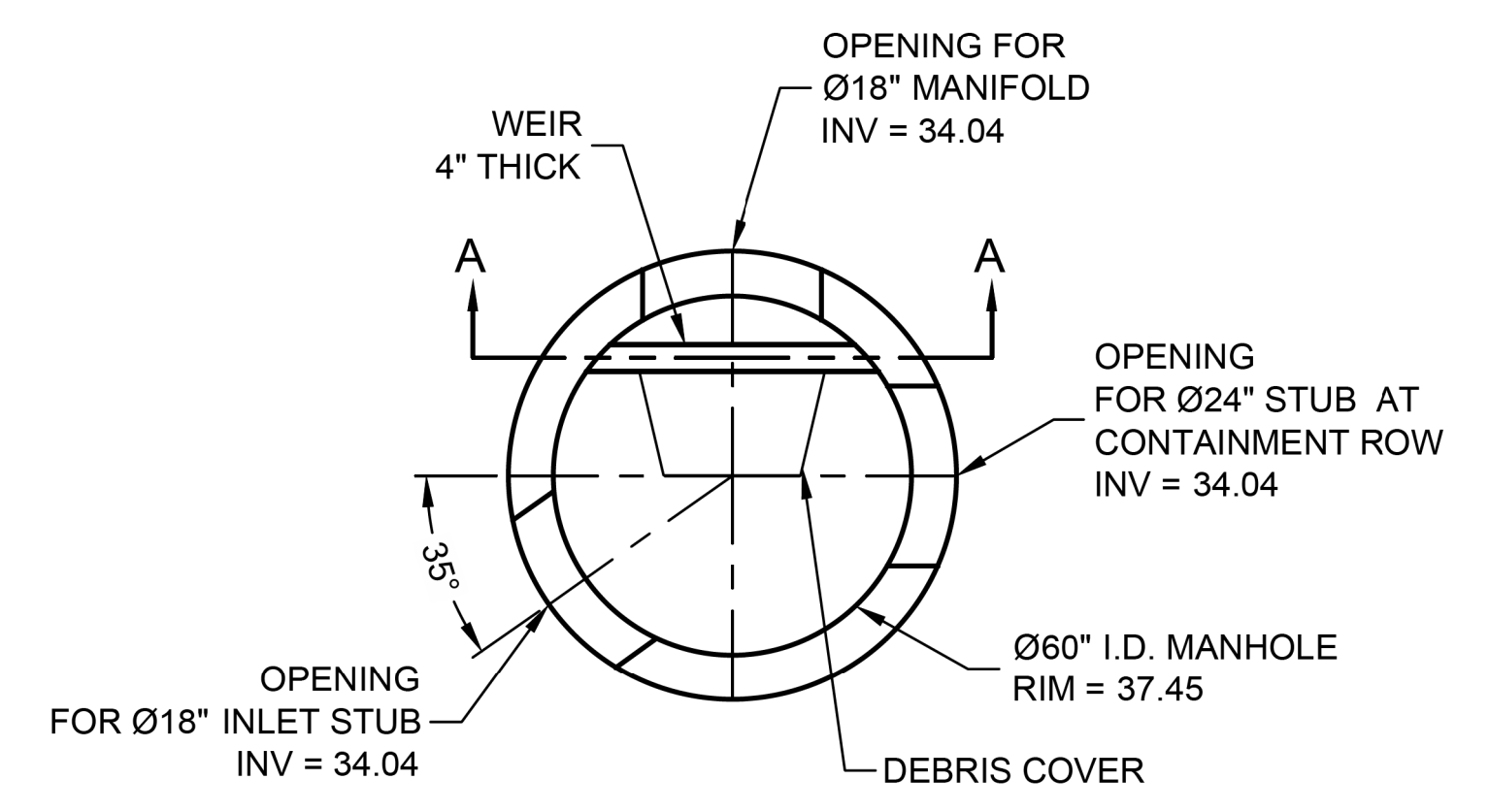
STORM DRAIN DETAILS

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 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@earthlink.net

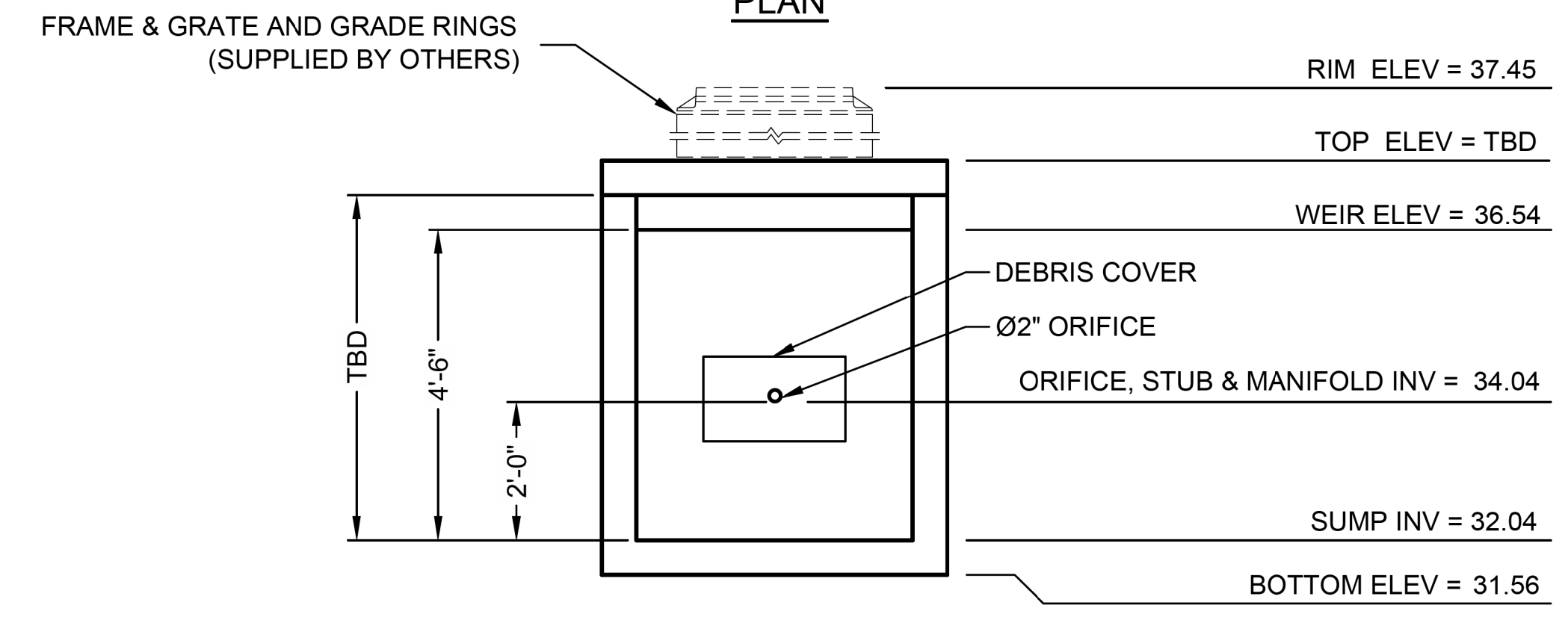
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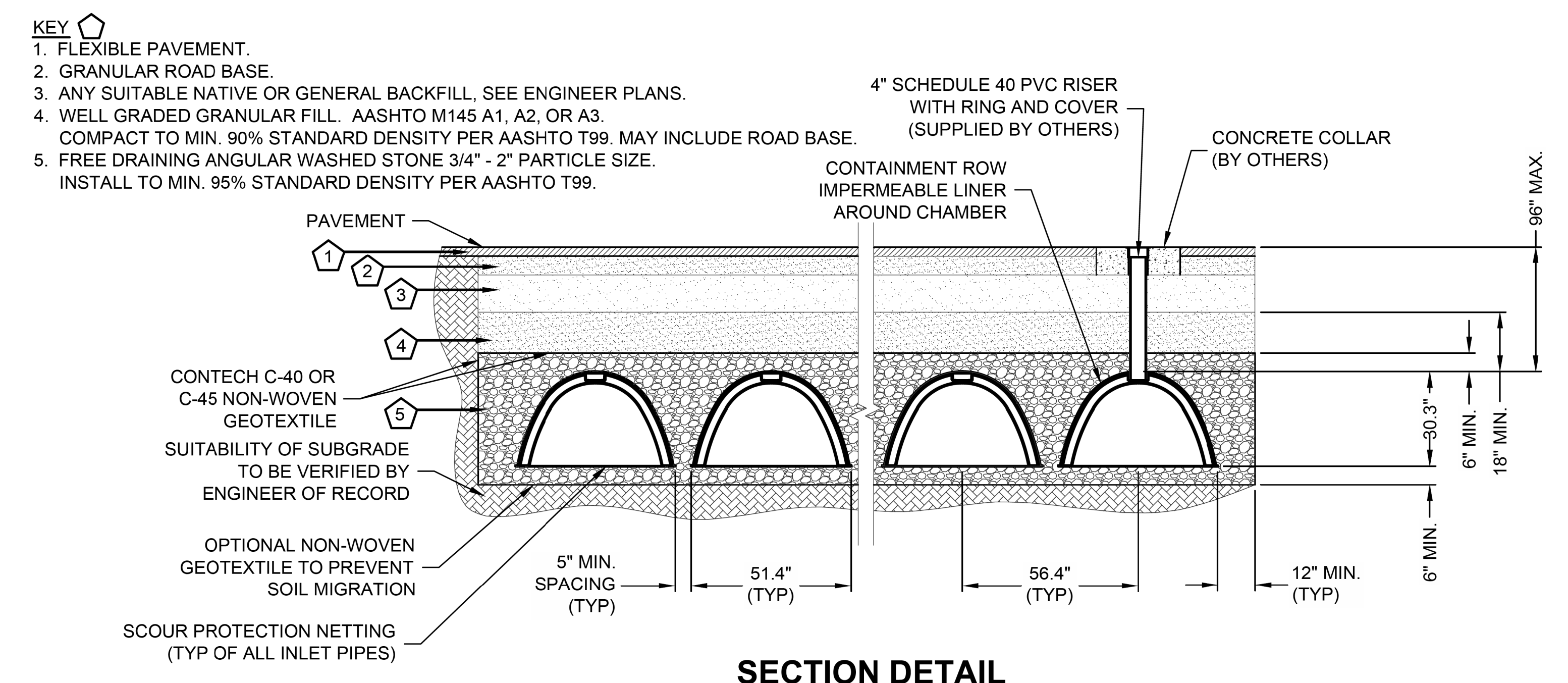
TYPICAL ELEVATION VIEW
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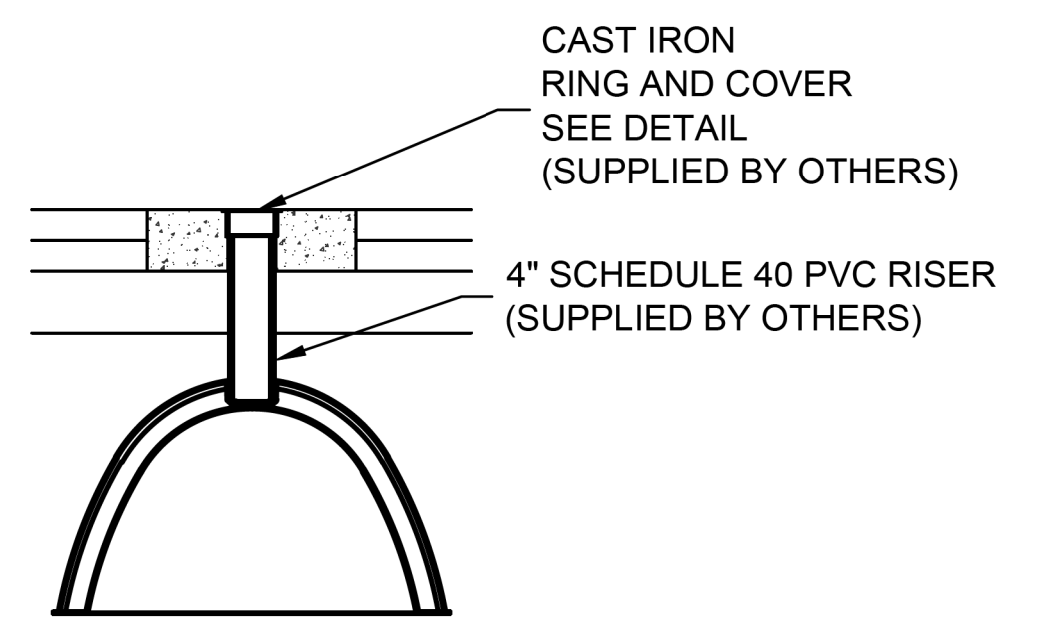
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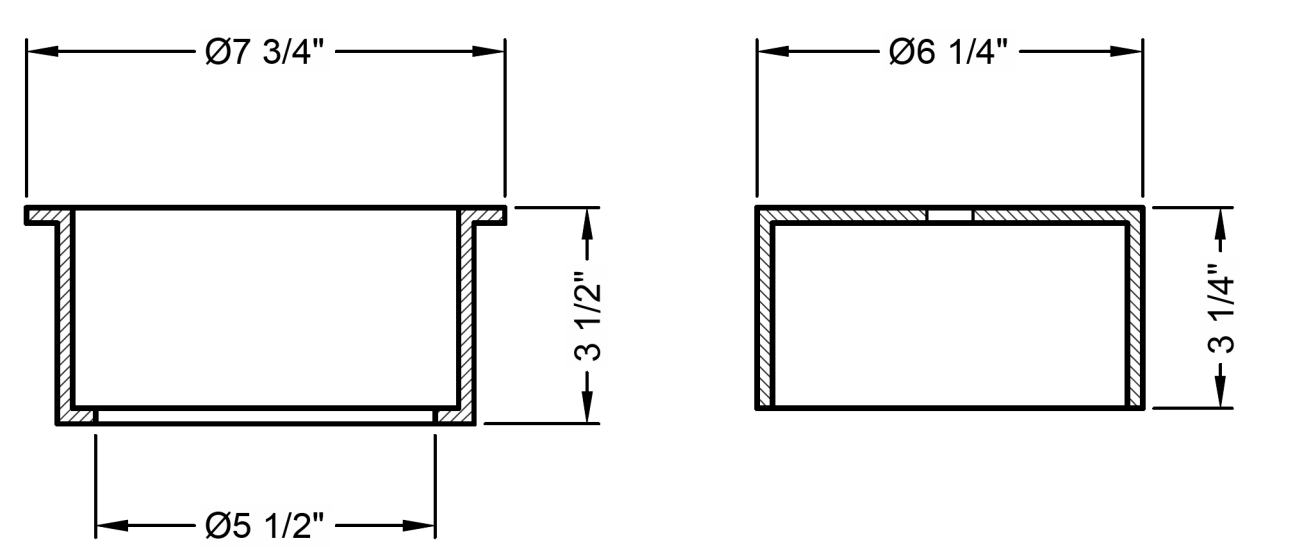
SECTION A-A
 DIVERSION MANHOLE DETAIL
 NTS



SECTION DETAIL
 NTS



INSPECTION PORT DETAIL
 NTS



RING AND COVER DETAIL
 NTS

- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.

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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	SEQ. No:	DATE:
512582	010	11/19/2014
DESIGNED:	DRAWN:	
CDH	FCS	
CHECKED:	APPROVED:	
SHEET No:	2 OF 4	

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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-12**
 SHEET TITLE:

STORM DRAIN DETAILS



CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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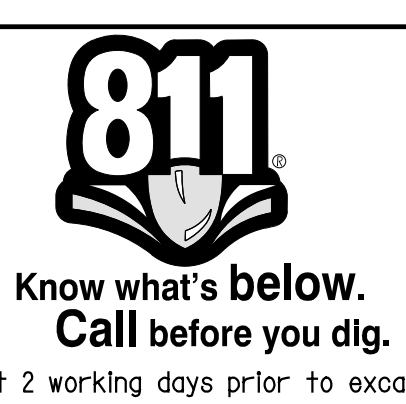
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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS	CHECKED:	APPROVED:
SHEET NO.:	3		OF		4



CAUTION:
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 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-13

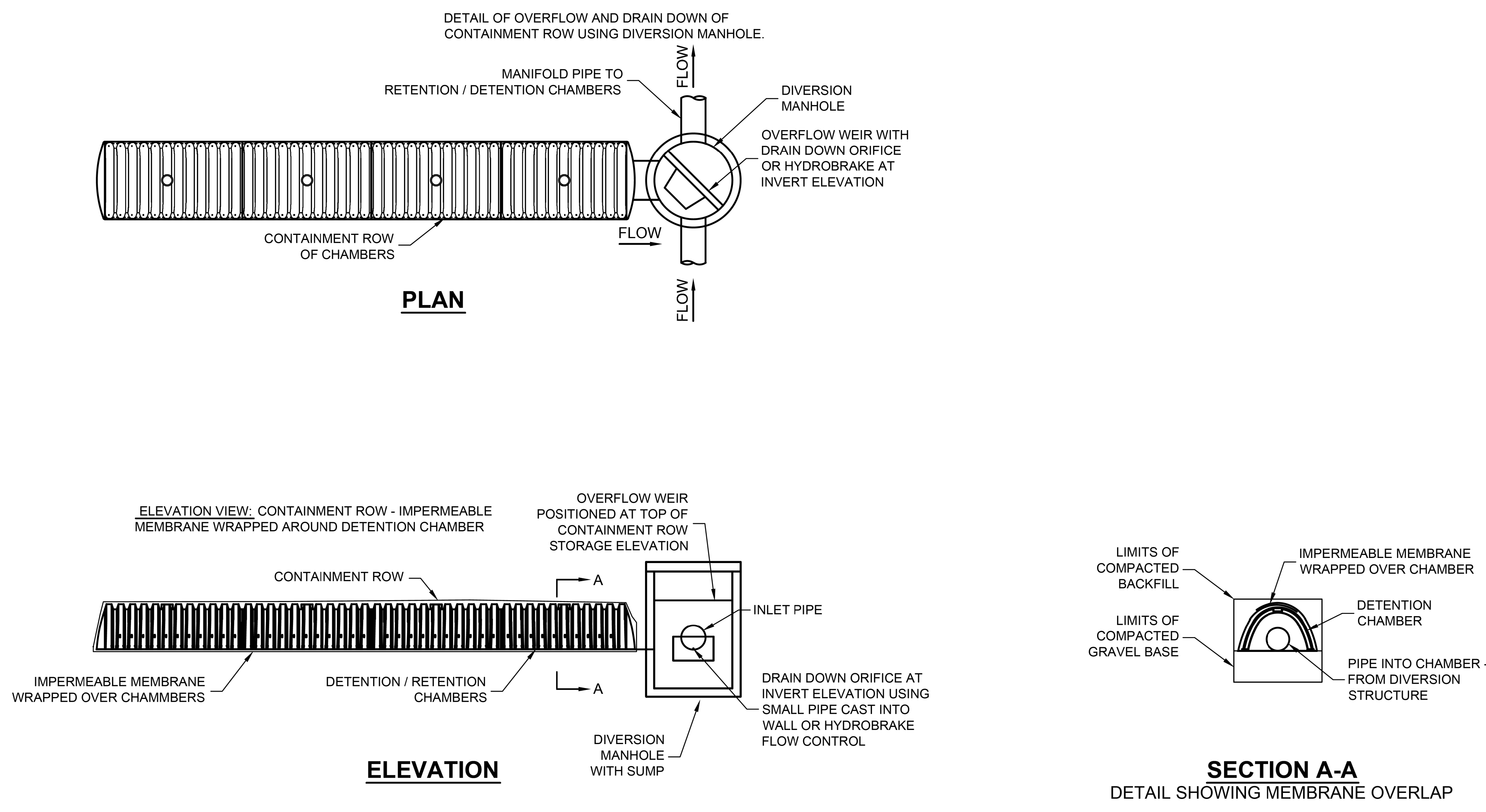
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STORM DRAIN DETAILS

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 rickeng@earthlink.net

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CONTAINMENT ROW DETAILS
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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEG. No.:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
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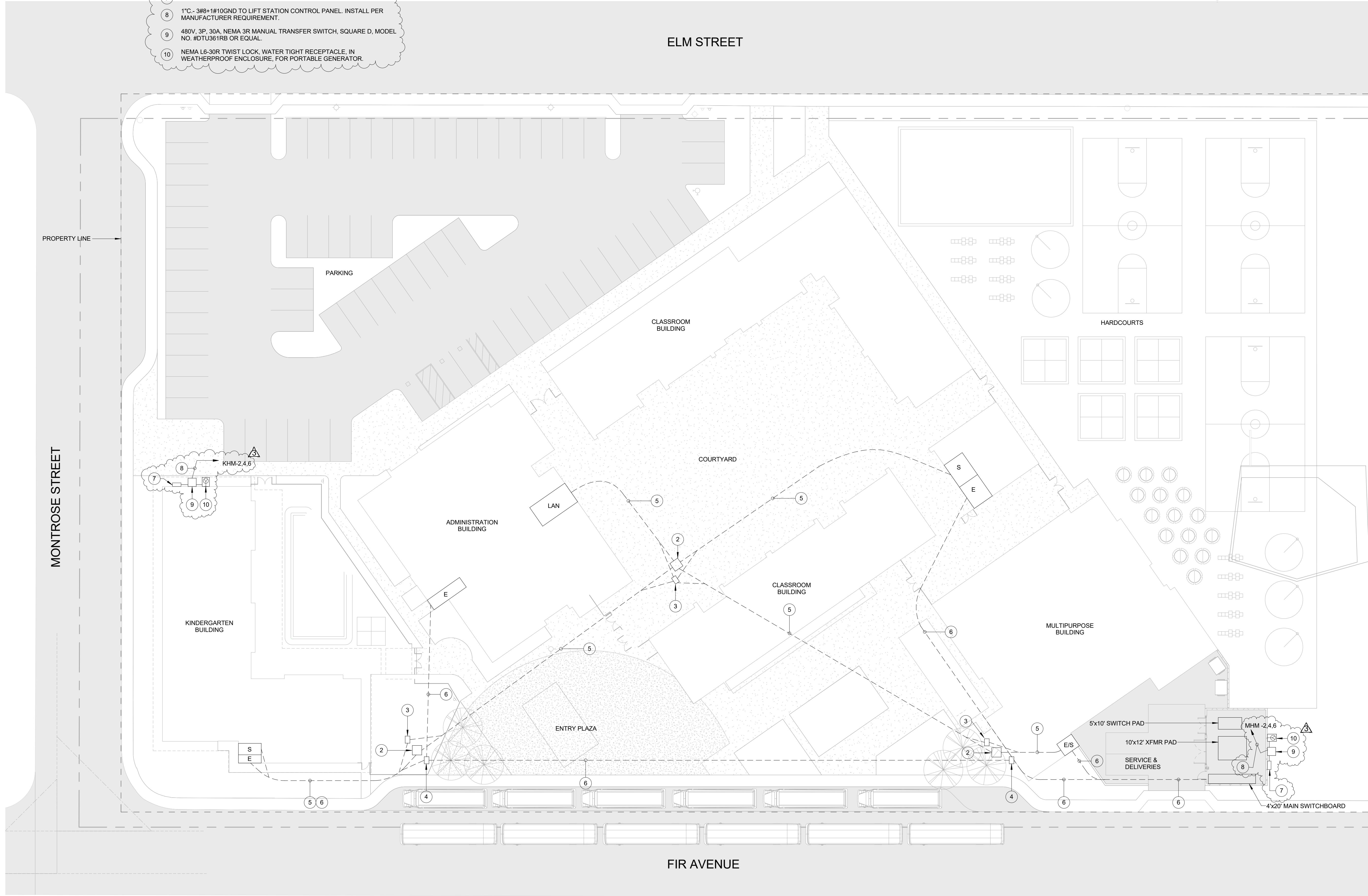
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
 (1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
 (1) 2" - PAINTER COMMUNICATION/TELEPHONE SYSTEM
 (1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
 (1) 2" - FIRE ALARM SYSTEM
 (1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" - 3/8"-1/8" IODGND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT.
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



ROSHANIAN & ASSOCIATES, INC.
 ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
 6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
 TEL: (323) 933-5252 FAX: (323) 933-5589

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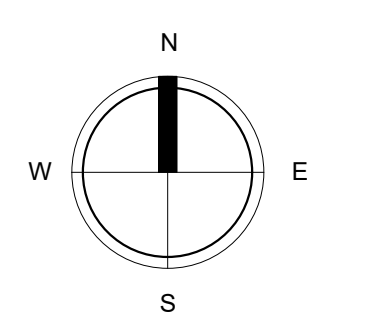
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DATE ISSUED: Mar. 06, 2015
 PROJECT NO: 1340159
 SCALE: 1" = 20'-0"

SHEET NUMBER: **E-1.2**
 SHEET TITLE:

ELECTRICAL SITE PLAN



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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

Branch Panel: KH

Location: ELEC. RM 4-116
Supply From: MS
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	KHM	150 A	3	2271 VA	2401 VA				100 A KHL	2	
3					2271 VA	4374 VA				4	
5						2271 VA	0 VA			6	
7	TR-K	50 A	3	6251 VA						8	
9					5280 VA					10	
11						8164 VA				12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
31										32	
33										34	
35										36	
37										38	
39										40	
41										42	
Total Load:				10924 VA	11925 VA	10435 VA					
Total Amps:				40 A	43 A	38 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	10705 VA	100.00%	10705 VA	
Lighting	6681 VA	125.00%	8351 VA	Total Conn. Load: 33331 VA
Other	216 VA	100.00%	216 VA	Total Est. Demand: 35001 VA
Power	9609 VA	100.00%	9609 VA	Total Conn.: 40 A
Receptacle	6120 VA	100.00%	6120 VA	Total Est. Demand: 42 A

Notes:

Branch Panel: KHL

Location: ELEC. RM 4-116
Supply From: KH
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	CLASSROOM 4-104 LIGHTING	20 A	1	1971 VA	433 VA				25 A KHE	2	
3	CLASSROOM 4-101, 4-102, 4-103 LIGHTING	20 A	1		4374 VA					4	
5										6	
7										8	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
31										32	
33										34	
35										36	
37										38	
39										40	
41										42	
Total Load:				2404 VA	4374 VA	0 VA					
Total Amps:				10 A	17 A	0 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	6681 VA	125.00%	8351 VA	Total Conn. Load: 6822 VA
Other	141 VA	100.00%	141 VA	Total Est. Demand: 8492 VA
				Total Conn.: 8 A
				Total Est. Demand: 10 A

Notes:

Branch Panel: KHM

Location: ELEC. RM 4-116
Supply From: KH
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	CUJ-5	50 A	3	942 VA	1330 VA				20 A LIFT STATION CONTROL PANEL (1)	2	
3					942 VA	1330 VA				4	
5						942 VA	1330 VA			6	
7										8	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
31										32	
33										34	
35										36	
37										38	
39										40	
41										42	
Total Load:				2271 VA	2271 VA	2271 VA					
Total...				8 A	8 A	8 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2825 VA	100.00%	2825 VA	Total Conn. Load: 5814 VA
Power	3989 VA	100.00%	3989 VA	Total Est. Demand: 5814 VA
				Total Conn.: 8 A
				Total Est. Demand: 8 A

Notes:
(1) SEE SHEET E-1.2 FOR EXACT LOCATION OF LIFT STATION CONTROL PANEL.

INVERTER: KHE (1KVA)

Location: ELEC. RM 4-116
Supply From: KHL
Mounting: Surface
Enclosure: Type 2

Volts: 277 Single
Phases: 1
Wires: 2

A.I.C. Rating:
Mains Type:
Mains Rating: 400 A
MCB Rating: 25 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	EXTERIOR BUILDING LIGHTING	1	400 A	20 A	433 VA	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
Total Conn. Load:					438 VA	
Total Amps:					2 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	297 VA	125.00%	371 VA	Total Conn. Load: 438 VA
Other	141 VA	100.00%	141 VA	Total Est. Demand: 512 VA
				Total Conn.: 2 A
				Total Est. Demand: 2 A

Notes:



ROSHANIAN & ASSOCIATES, INC.
ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
8404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
TEL: (323) 933-5252 FAX: (323) 933-5589

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407
AC FLS SS
DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015
PROJECT NO: 1340159
SCALE:
SHEET NUMBER: **E4-5.1**
SHEET TITLE:

**KINDERGARTEN
PANEL
SCHEDULE**



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA



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A# 03-116407
AC FLS SS
DATE

REVISIONS table with columns: DESCRIPTION, DATE. Includes revision 1: BULLETIN #3, 05/11/17.

DATE ISSUED: Mar. 06, 2015

PROJECT NO: 1340159

SCALE:

SHEET NUMBER: E2-5.1
SHEET TITLE:

MULTI-PURPOSE
PANEL
SCHEDULE



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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Branch Panel: MH
Location: ELECTRICAL ROOM 2-102
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 150 A
Mains Type: MHH
Mains Rating: 225 A
MCB Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	MHL	100 A	3	573 VA	21495 VA				MHH	2
3	--	--	--		2908 VA	21495 VA			--	4
5	--	--	--			1003 VA	21495 VA		--	6
7	TR-M	125 A	3	31140 VA					--	8
9	--	--	--		26465 VA				--	10
11	--	--	--			26577 VA			--	12
13	--	--	--						--	14
15	--	--	--						--	16
17	--	--	--						--	18
19	--	--	--						--	20
21	--	--	--						--	22
23	--	--	--						--	24
25	--	--	--						--	26
27	--	--	--						--	28
29	--	--	--						--	30
31	--	--	--						--	32
33	--	--	--						--	34
35	--	--	--						--	36
37	--	--	--						--	38
39	--	--	--						--	40
41	--	--	--						--	42
				Total Load:	53208 VA	50868 VA	49075 VA			
				Total Amps:	193 A	185 A	177 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	70145 VA	100.00%	70145 VA	
Kitchen Equipment - Non-Dwelling Unit	14966 VA	65.00%	9728 VA	Total Conn. Load: 153181 VA
Lighting	4215 VA	125.00%	5269 VA	Total Est. Demand: 126863 VA
Other	3443 VA	100.00%	3443 VA	Total Conn.: 164 A
Power	20484 VA	65.00%	13315 VA	Total Est. Demand: 153 A
Receptacle	39929 VA	62.52%	24964 VA	

Notes:

Branch Panel: MHM
Location: ELECTRICAL ROOM 2-102
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 150 A
Mains Type: MHH
Mains Rating: 225 A
MCB Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	AC-2	25 A	3	3767 VA	1330 VA				LIFT STATION CONTROL PANEL (1)	2
3	--	--	--		3767 VA	1330 VA			--	4
5	--	--	--						--	6
7	AC-3	45 A	3	8199 VA					--	8
9	--	--	--		8199 VA				--	10
11	--	--	--			8199 VA			--	12
13	AC-4	45 A	3	8199 VA					--	14
15	--	--	--		8199 VA				--	16
17	--	--	--			8199 VA			--	18
19	--	--	--						--	20
21	--	--	--						--	22
23	--	--	--						--	24
25	--	--	--						--	26
27	--	--	--						--	28
29	--	--	--						--	30
31	--	--	--						--	32
33	--	--	--						--	34
35	--	--	--						--	36
37	--	--	--						--	38
39	--	--	--						--	40
41	--	--	--						--	42
				Total Load:	21495 VA	21495 VA	21495 VA			
				Total Amps:	78 A	78 A	78 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	60497 VA	100.00%	60497 VA	
Receptacle	3889 VA	100.00%	3889 VA	Total Conn. Load: 64486 VA
				Total Est. Demand: 64486 VA
				Total Conn.: 78 A
				Total Est. Demand: 78 A

Notes:
(1) REFER TO SHEET E-1.2 FOR LOCATION OF LIFT STATION CONTROL PANEL.

Branch Panel: MHL
Location: ELECTRICAL ROOM 2-102
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 20 A
Mains Type: MHL
Mains Rating: 125 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	MHE	25 A	1	495 VA	81 VA				EXTERIOR LIGHTING	2
3	KITCHEN, PRESENTATION, STORAGE...	20 A	1		2875 VA	35 VA			EXIT SIGN	4
5	--	--	--				1003 VA	1	GYMNASIUM LIGHTING	6
7	--	--	--						--	8
9	--	--	--						--	10
11	--	--	--						--	12
13	--	--	--						--	14
15	--	--	--						--	16
17	--	--	--						--	18
19	--	--	--						--	20
21	--	--	--						--	22
23	--	--	--						--	24
25	--	--	--						--	26
27	--	--	--						--	28
29	--	--	--						--	30
31	--	--	--						--	32
33	--	--	--						--	34
35	--	--	--						--	36
37	--	--	--						--	38
39	--	--	--						--	40
41	--	--	--						--	42
				Total Load:	576 VA	2910 VA	1003 VA			
				Total Amps:	2 A	11 A	4 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	4215 VA	125.00%	5269 VA	Total Conn. Load: 4514 VA
Other	299 VA	100.00%	299 VA	Total Est. Demand: 5568 VA
				Total Conn.: 5 A
				Total Est. Demand: 7 A

Notes:

INVERTER: MHE (1KVA)
Location: ELECTRICAL ROOM 2-102
Volts: 277 Single
Phases: 1
Wires: 2
A.I.C. Rating: 25 A
Mains Type: MHL
Mains Rating: 25 A
MCB Rating: 25 A

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	GYMNASIUM EMER LIGHTING	1	400 A	20 A	170 VA	
2	EXTERIOR BUILDING EMER LIGHTING	1	400 A	20 A	325 VA	
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	--	--	--
15	--	--	--	--	--	--
16	--	--	--	--	--	--
17	--	--	--	--	--	--
18	--	--	--	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
					Total Conn. Load:	498 VA
					Total Amps:	2 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	199 VA	125.00%	249 VA	Total Conn. Load: 498 VA
Other	299 VA	100.00%	299 VA	Total Est. Demand: 548 VA
				Total Conn.: 2 A
				Total Est. Demand: 2 A

Notes:



18240 N. BANK RD
ROSEBURG, OR, 97470
P: 541-496-9678
F: 541-496-0804
INFO@ROMTECUTILITIES.COM



Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

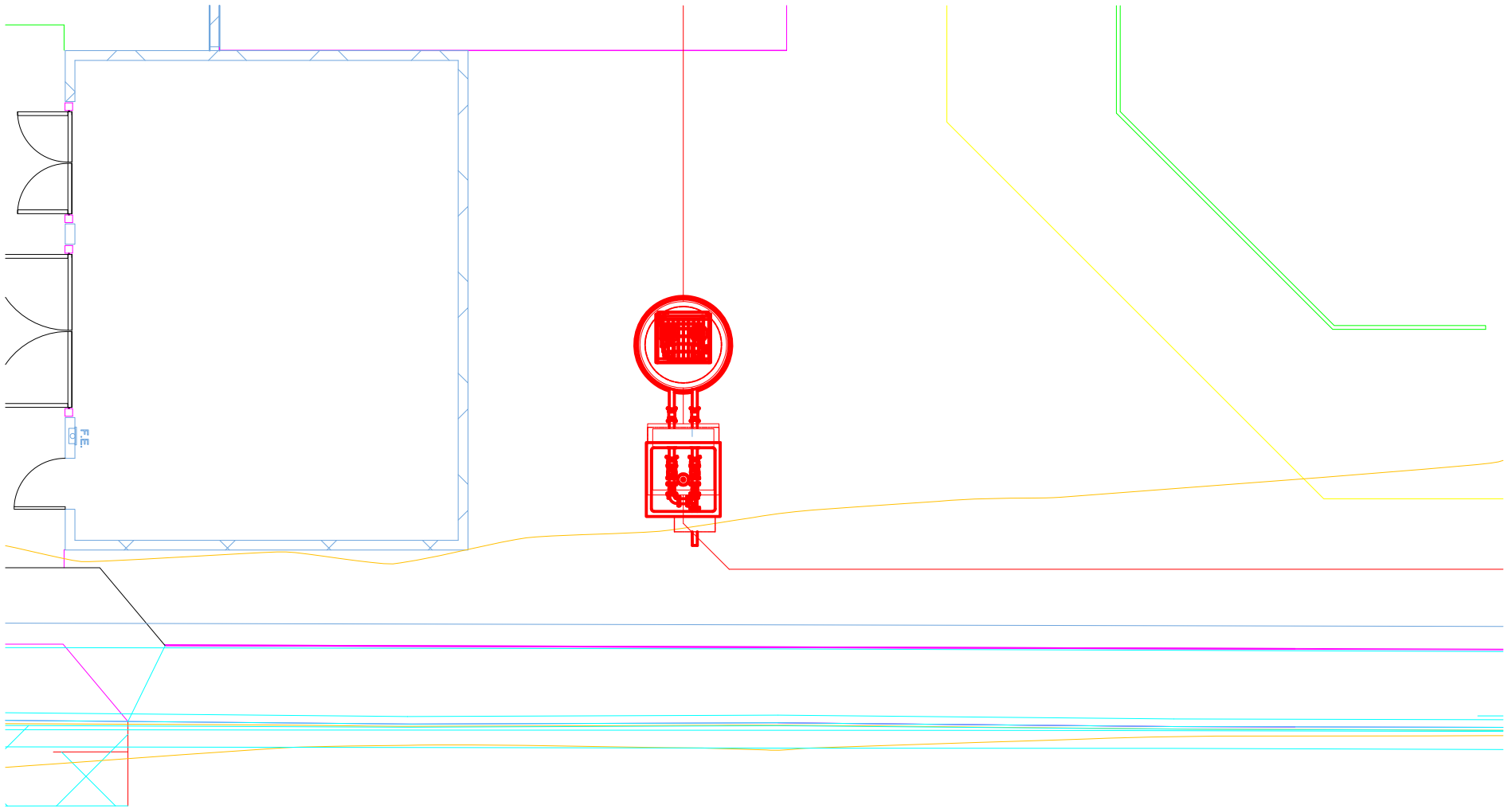
2.9 Exclusions

- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

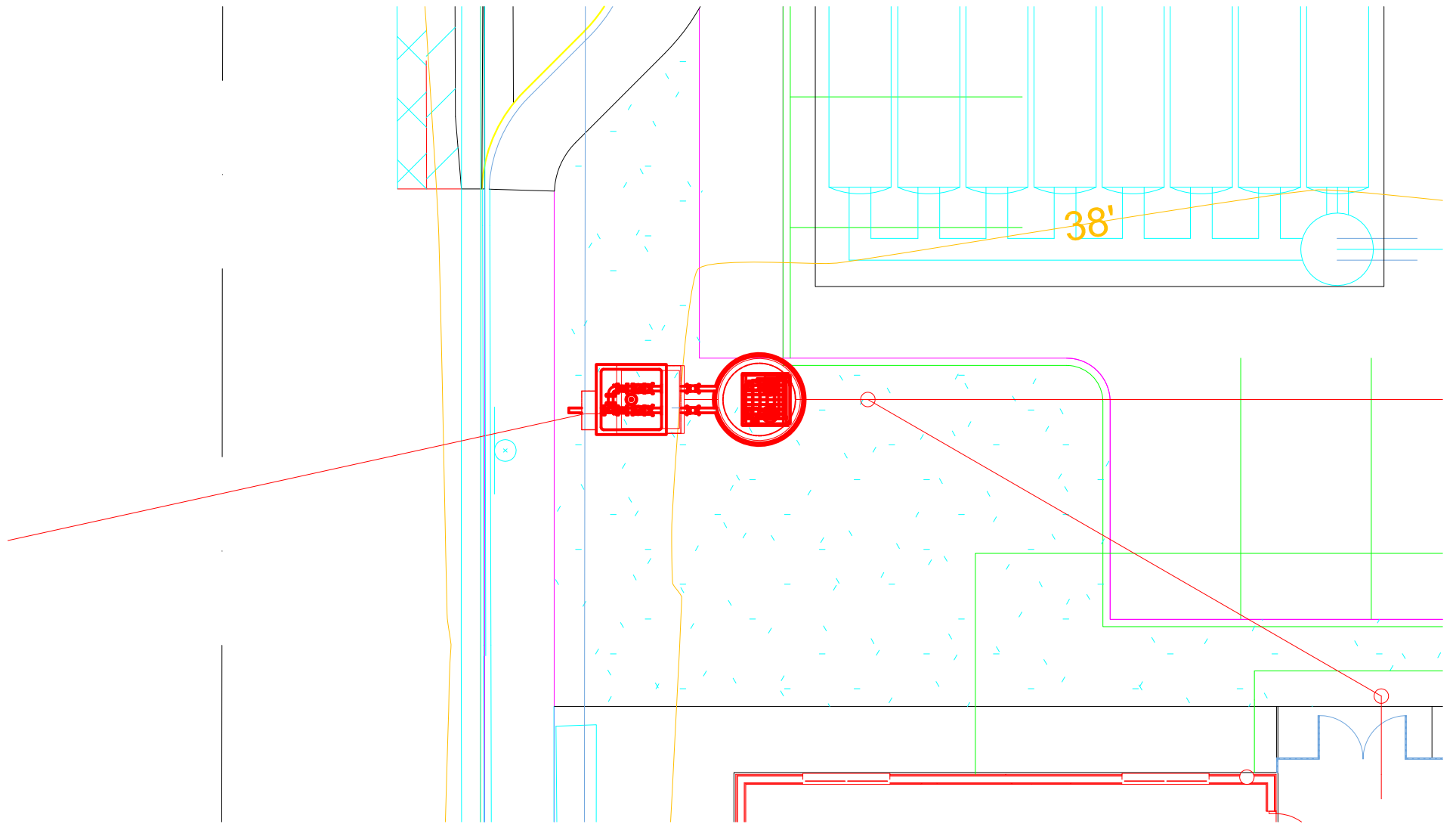
Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable



Bulletin 3





CHANGE ORDER REQUEST

COR No. 32 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Buletin 3, 3.1 Sewer NE of MPR

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to provide additional sanitary sewer north and east of the MPR Building per Bulletins 3 and 3.1.	J Vega Engineering Inc	31,322
Reason: The elevation of the existing sanitary sewer in the neighborhood were higher than anticipated necessitating a complete redesign of the campus sewer system.		
Requested By: SVA Architects		
Ref: Bulletins 3 and 3.1		
		Subtotal: 31,322
Contractual Costs		
Overhead 15%		4,698
		Subtotal: 4,698
Total Change Order Request Amount:		36,020

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved Jennifer MacIsaac
CFW Proj Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 6-03-17
CHANGE ORDER: 007

REVISED 6" SEWER LINE AT EAST OF MPR BUILDING PER BULLETIN 3 AND 3.1 REVISED To

Bernards Bros.
 555 First Street
 San Fernando CA 91340
 818-898-1521

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
100						Elm Elementary School

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT AND TOOLS	TOTAL
1	Install additional 95 LF of SDR-35 sewer line (per bulletin 3)	Laborer: 14.00 hrs.@ \$62.47 T: \$874.58 Operator: 14 hrs. @ \$83.57 T: \$1,169.98 Total: \$2,044.56	Pipe and Fittings: \$1,145.44 Fill sand: \$420.00 Total: \$1,565.44	Backhoe/Day: \$350.00 Truck and Tools: \$445.00 Power saw: 1 day: \$85.00 Pipe lazer: \$195.00 Total: \$1,075.00	\$4,685.00
2	Install Additional (4) 4" Sewer Laterals, to include new lateral to drinking fountain at MPR building per Bulletin 3.1	Laborer: 76 hrs. @ \$62.47 T: \$4,747.72 Operator: 56 hrs. @ \$83.57 T: \$4,679.92 Total: \$9,427.64	Pipe and fittings: \$1,893.75 Fill sand: \$420.00 Total: \$2,313.75	Backhoe/day: \$350.00/4 day total: \$1,400.00 Truck and tools: \$445.00/4 day Total: \$1,780.00 Power saw: \$85.00/4 day: \$340.00 Total: \$3,520.00	\$15,261.39

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT AND TOOLS	TOTAL
3	Additional trenching due to revised deeper flow line to match 7.5' depth	Laborer: 16 hrs. @ \$62.47 T: 999.52 Operator: 16 hrs. @ \$83.57 T: \$1,337.12 Total: \$2,336.64	00.00	Backhoe /day: \$350.00/2 day Total:\$700.00 Truck and Tools: \$445/2 day T; \$890.00 Total: \$1,590.00	\$3,926.64
4	Demolition of existing asphalt next to play ground	Laborer: 16 hrs. @ \$62.47 T; \$999.52 Operator: 8 Hrs. @ \$83.57 T: \$ 668.56 Total: \$1,668.08	00.00	Backhoe/day: \$350.00 Breaker \$350.00 Dump truck \$550.00 Tool Truck: \$445.00 Total: \$1,695.00	\$3,363.08
				Subtotal	\$27,236.10
				Mark up 15%	\$4,085.40
				Invoice Total:	\$31,321.50

Make all checks payable to J. VEGA ENGINEERING, INC.

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Laborer (Group 3)
Date:	6/23/2017	Classification:	Journeyman
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
Hourly Taxable Wage Costs Subtotal	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
Hourly Benefits Subtotal	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407
AC FLS SS
DATE

REVISIONS:

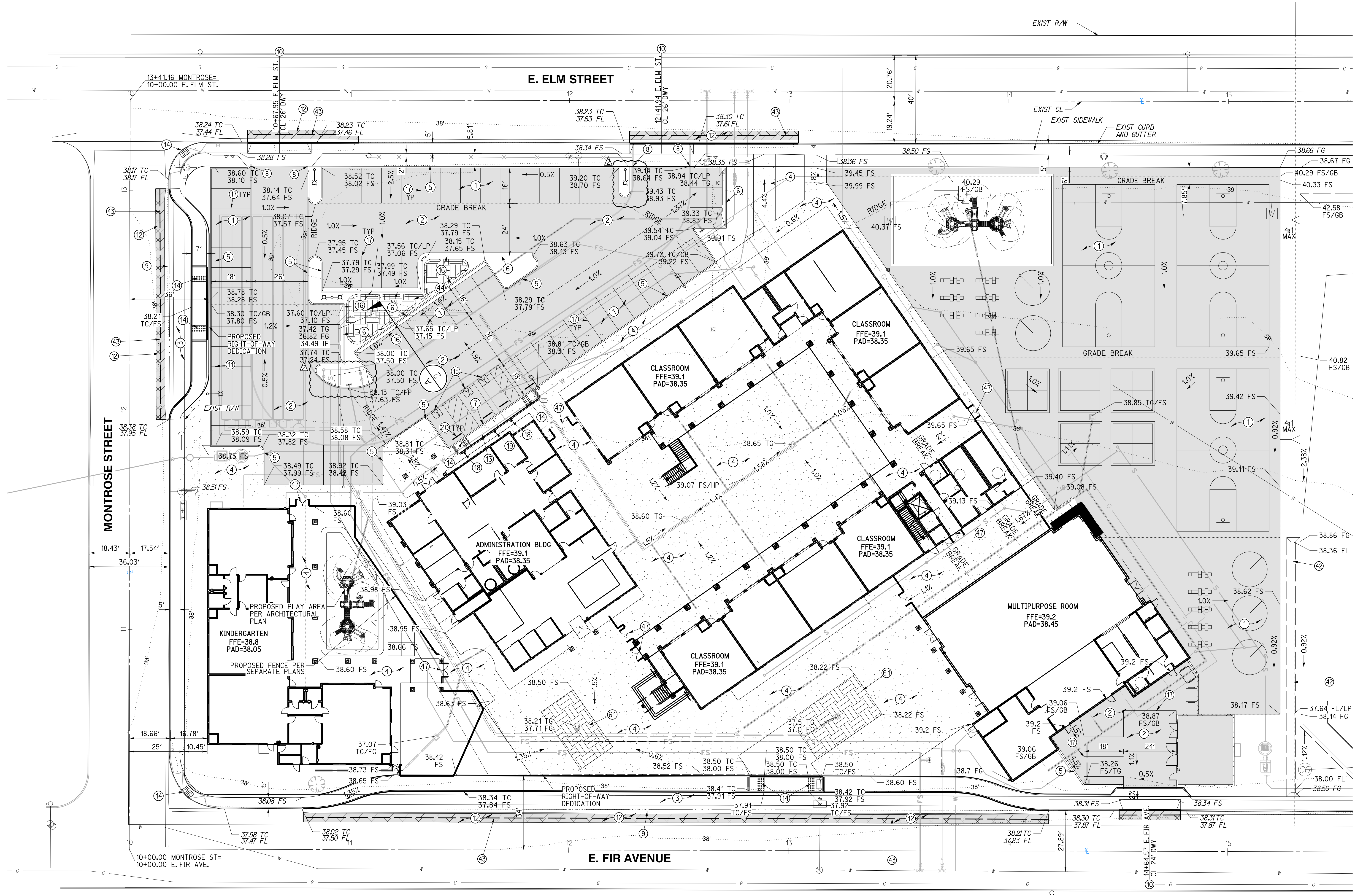
DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: 1"=20'
SHEET NUMBER: C-06
SHEET TITLE:

PRECISE GRADING

RICK
ENGINEERING COMPANY
1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723
San Diego - Orange - San Luis Obispo
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rick@rckeng.com

SVA
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3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM



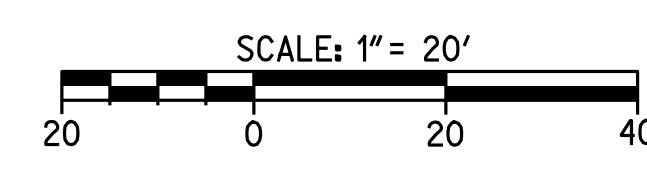
GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND, CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



CAUTION:
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REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08

SHEET TITLE:

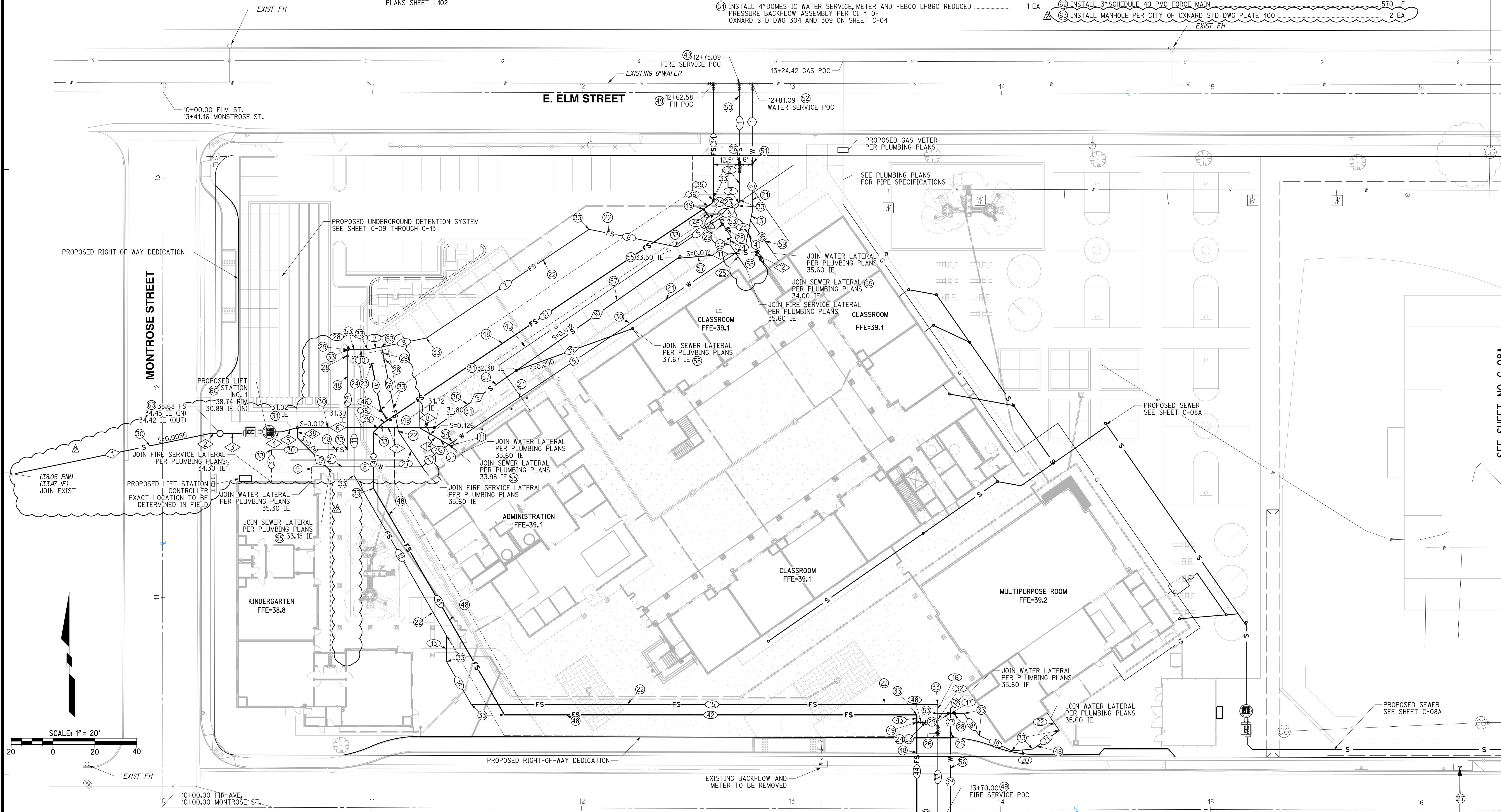
UTILITY PLAN

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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | |
|--|---|---|
| 21) INSTALL 4" C-900 PVC WATER SERVICE 250 LF | 28) INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS 4 EA | 52) INSTALL 6"x6"x4" TEE 1 EA |
| 22) INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE 1,000 LF | 29) INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS 4 EA | 53) INSTALL 8"x8"x8" TEE 5 EA |
| 23) INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 2 EA | 30) INSTALL 6" SDR-35 PVC SEWER 600 LF | 54) INSTALL 4"x4"x4" TEE 1 EA |
| 24) INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04 2 EA | 31) INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 13 EA | 55) INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 10 EA |
| 25) INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FIBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 1 EA | 32) CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 2 EA | 56) INSTALL 2.5" COPPER WATER SERVICE 50 LF |
| 26) INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 2 EA | 33) INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 30 EA | 57) INSTALL 4" SDR-35 PVC SEWER 350 LF |
| 27) CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET L102 1 EA | 34) INSTALL GAS SERVICE BY OTHERS 850 LF | 58) INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL 95 LF |
| | 35) INSTALL 6" C-900 PVC FIRE SERVICE 700 LF | 59) INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL 25 LF |
| | 36) INSTALL 6"x6"x6" TEE 7 EA | 60) INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL 2 EA |
| | 37) INSTALL 8" TO 6" REDUCER 2 EA | |
| | 38) INSTALL 4" DOMESTIC WATER SERVICE, METER AND FIBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 1 EA | |
| | | 61) INSTALL 3" SCHEDULE 40 PVC FORCE MAIN 570 LF |
| | | 62) INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400 ON SHEET C-08B, OR APPROVED EQUAL 2 EA |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" COPPER
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	6" SDR-35 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		8.81'	6" SDR-35 PVC
4	N 90°00'00" W		3.00'	6" SDR-35 PVC
5	N 75°00'00" E		7.73'	6" SDR-35 PVC
6	N 90°00'00" W		30.84'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		22.08'	4" SDR-35 PVC
14	N 60°00'00" W		17.98'	4" SDR-35 PVC
15	N 20°09'36" E		58.87'	4" SDR-35 PVC
16	N 0°00'00" E		4.83'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" E		11.09'	8" C-900 PVC
5	N 56°15'00" E		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		93.30'	8" C-900 PVC
8	N 78°45'00" E		21.76'	8" C-900 PVC
9	N 78°45'00" E		6.77'	8" C-900 PVC
10	N 90°00'00" W		6.52'	8" C-900 PVC
11	N 0°00'00" E		59.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		3.52'	8" C-900 PVC
25	N 33°45'00" W		14.35'	8" C-900 PVC
26	N 11°15'00" W		41.05'	8" C-900 PVC
27	N 33°45'00" W		22.52'	8" C-900 PVC
28	N 90°00'00" W		3.00'	8" C-900 PVC
29	N 0°00'00" E		47.79'	8" C-900 PVC
30	N 90°00'00" W		36.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		4.42'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.47'	6" C-900 PVC
48	N 90°00'00" W		4.25'	6" C-900 PVC

811
Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'

SHEET NUMBER: **C-08A**
 SHEET TITLE:

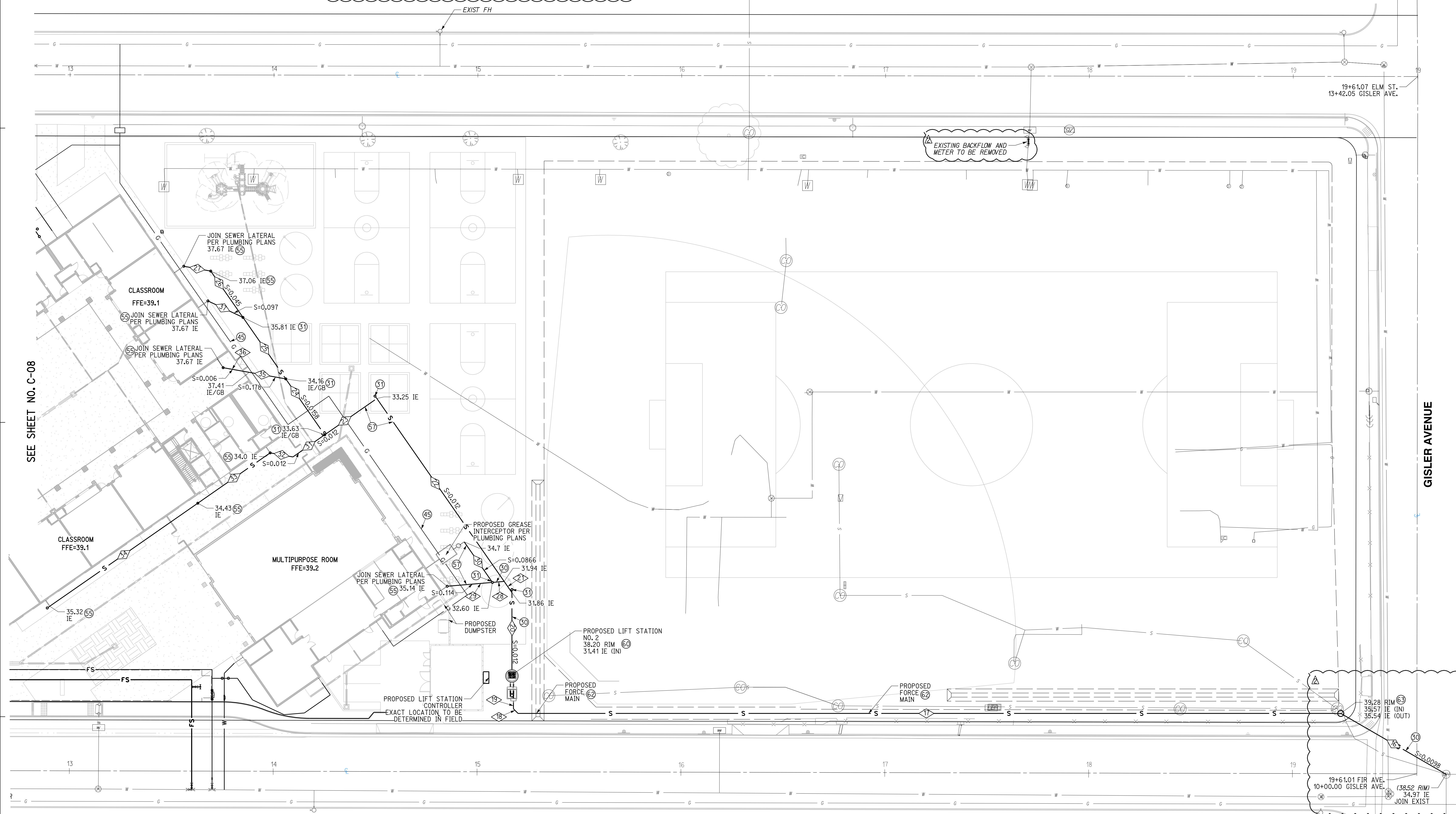
UTILITY PLAN

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 rickeng@rickeng.com

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 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

50	INSTALL 6" SDR-35 PVC SEWER	600 LF
51	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
49	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
63	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA

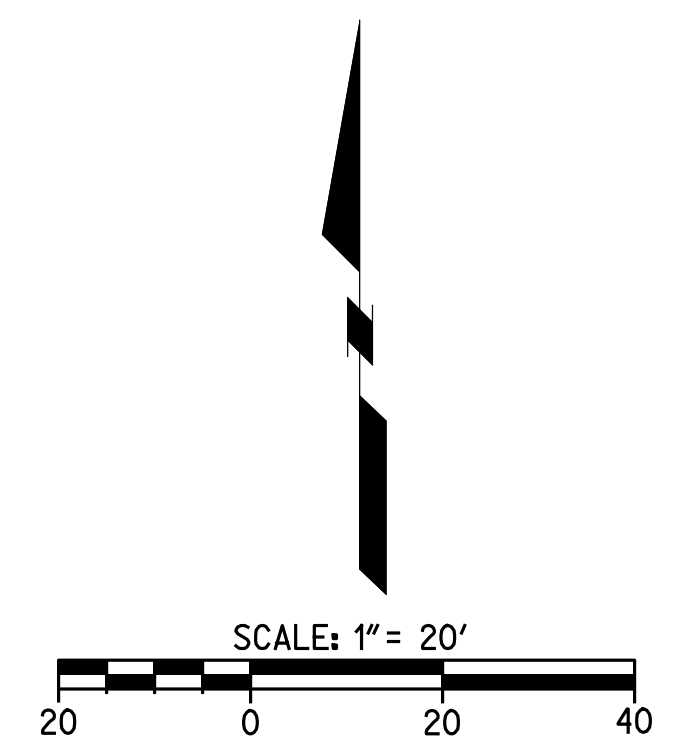


SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93003



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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-08B

SHEET TITLE:

LIFT STATION
 DETAILS



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 Sacramento - Bakersfield - Tucson - Phoenix
 RICKENGINEERING.COM



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PROJECT INFO		PACKAGE/STARTUP	
Job Name: Montrose	Offering: Complete System	Company: RICK Engineering Company	Mechanical: Pump
Contact: New Station	Control Panel: StartUp	Job Type: Water Type: Wastewater	

WET WELL SUMMARY		CURRENT REVISION: 6/27/17 4	
Material: Concrete	Diameter: 5 Feet	Barrel: 7 Feet	Inside Height: 12.00 Feet
Storage Depth: 0.00 Feet	Disch. Piping Size: 3" PVC SCH80	Disch. Piping Type: Straight Through	Disch. Piping Valve: Unlined

WET WELL TOP		WET WELL BASE	
Traffic Rating: H-20 Occasional	Head Options: Vent (Cast in top slab)	Base Lining: Flat sump (w/ gunit ring)	No Lining

FORCE MAIN		DUTY POINT	
Diameter: 3" PVC SCH80	Influent: 30.89	Pumping Rate: 32 gpm (Total)	Static Head: 13.1 Feet
Lead Start: 28.74	Lead Stop: 27.74		

PRIMARY PUMPS		ROCKY PUMP	
Manufacturer: Triplex	Model: SICK 75-CH-83	Manufacturer: N/A	Model: 0
Motor HP: 1 HP	Exp. Proof: No	Impeller Model/Dis: 0	Trim: 0

VALVE VAULT		METER VAULT	
Valve Size: 3" Model 506 (1"x1/2")	Head: H-20 Int	Valve Size: N/A	Head: 0
Pressure Gauge: N/A	Check Options: Plain	Pressure Gauge: 0	0

CONTROL PANEL		GENERATOR	
Power: 480V / 3-Phase	Controller: Alternator	Model: N/A	Enclosure: 0
Primary Sensor: 4-Base	Secondary Sensor: N/A	Transfer Switch: 0	Options: 0

Montrose - PRELIMINARY DESIGN - 6-16-17.dwg

PROJECT INFO		PACKAGE/STARTUP	
Job Name: Fir	Offering: Complete System	Company: RICK Engineering Company	Mechanical: Pump
Contact: New Station	Control Panel: StartUp	Job Type: Water Type: Wastewater	

WET WELL SUMMARY		CURRENT REVISION: 6/27/17 3	
Material: Concrete	Diameter: 5 Feet	Barrel: 7 Feet	Inside Height: 10.00 Feet
Storage Depth: 0.00 Feet	Disch. Piping Size: 3" PVC SCH80	Disch. Piping Type: Straight Through	Disch. Piping Valve: Unlined

WET WELL TOP		WET WELL BASE	
Traffic Rating: H-20 Occasional	Head Options: Vent (Cast in top slab)	Base Lining: Flat sump (w/ gunit ring)	No Lining

FORCE MAIN		DUTY POINT	
Diameter: 3" 410 PVC SCH80	Influent: 31.41	Pumping Rate: 32 gpm (Total)	Static Head: 13.1 Feet
Lead Start: 29.20	Lead Stop: 29.20		

PRIMARY PUMPS		ROCKY PUMP	
Manufacturer: Triplex	Model: SICK 75-CH-83	Manufacturer: N/A	Model: 0
Motor HP: 1 HP	Exp. Proof: No	Impeller Model/Dis: 0	Trim: 0

VALVE VAULT		METER VAULT	
Valve Size: 3" Model 506 (1"x1/2")	Head: H-20 Int	Valve Size: N/A	Head: 0
Pressure Gauge: N/A	Check Options: Plain	Pressure Gauge: 0	0

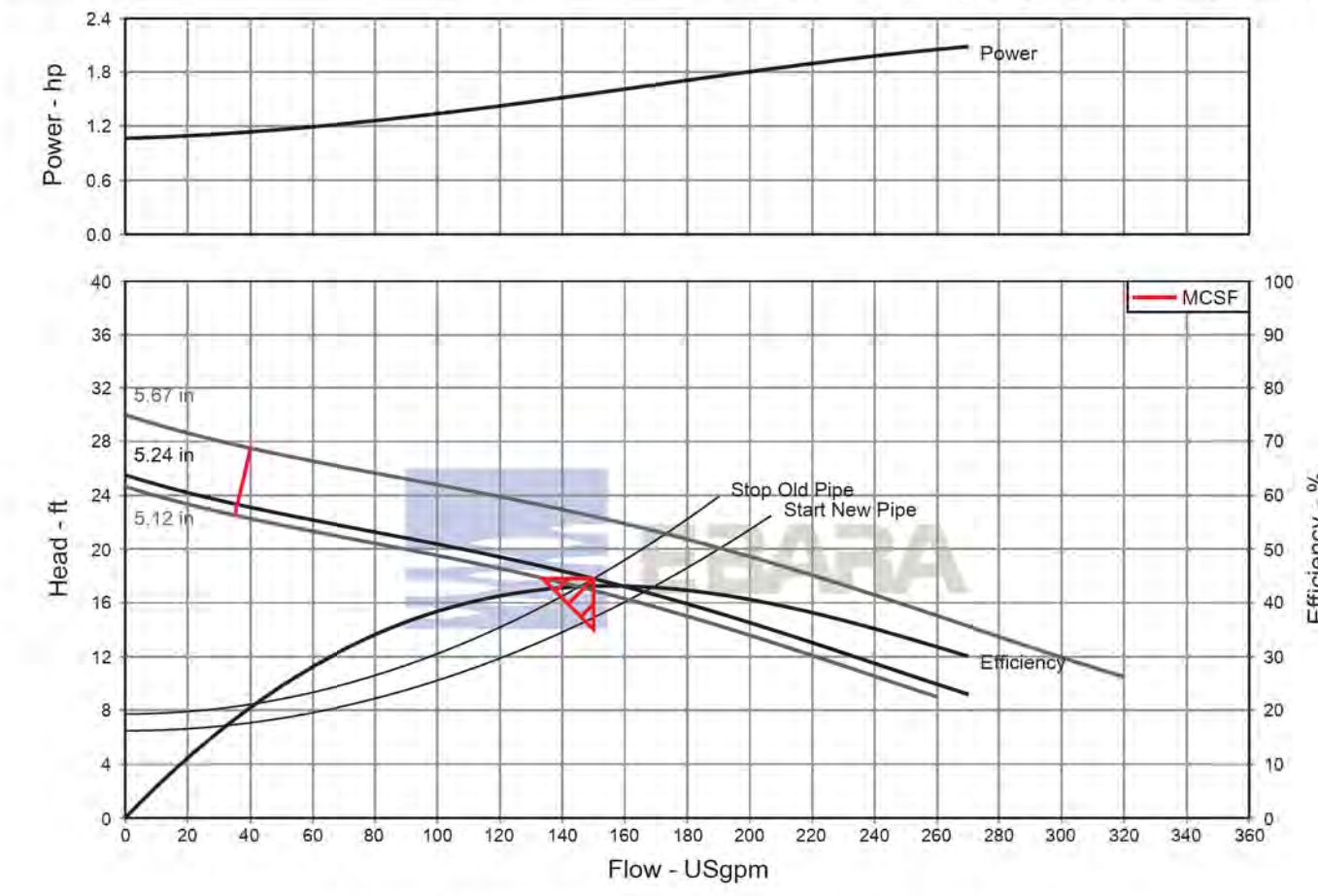
CONTROL PANEL		GENERATOR	
Power: 480V / 3-Phase	Controller: Alternator	Model: N/A	Enclosure: 0
Primary Sensor: 4-Base	Secondary Sensor: N/A	Transfer Switch: 0	Options: 0

Fir - PRELIMINARY DESIGN - 6-27-17.dwg

Customer Reference	Product Description	Item number	Default
Romtec Utilities	800VBFU62.2	800VBFU62.2	1
Montrose	Based on curve number	DV-C607-9204	1
	Date last saved	18 Apr 2017 2:54 PM	

Operating Conditions	Liquid	Performance	Material
Flow, rated: 150.0 USgpm	Liquid type: Water	Speed, rated: 1740 rpm	Material selected: Cast Iron
Differential head / pressure, rated (requested): 17.80 ft	Additional liquid description: Solids diameter, max: 0.00 in	Impeller diameter, rated: 5.24 in	Material: Cast Iron

Pressure Data	Driver & Power Data (gMax density)
Maximum working pressure: 11.04 psi g	Rated power: 3.00 hp / 2.24 kW (Fixed)
Maximum allowable working pressure: N/A	Margin over specification: 1.00

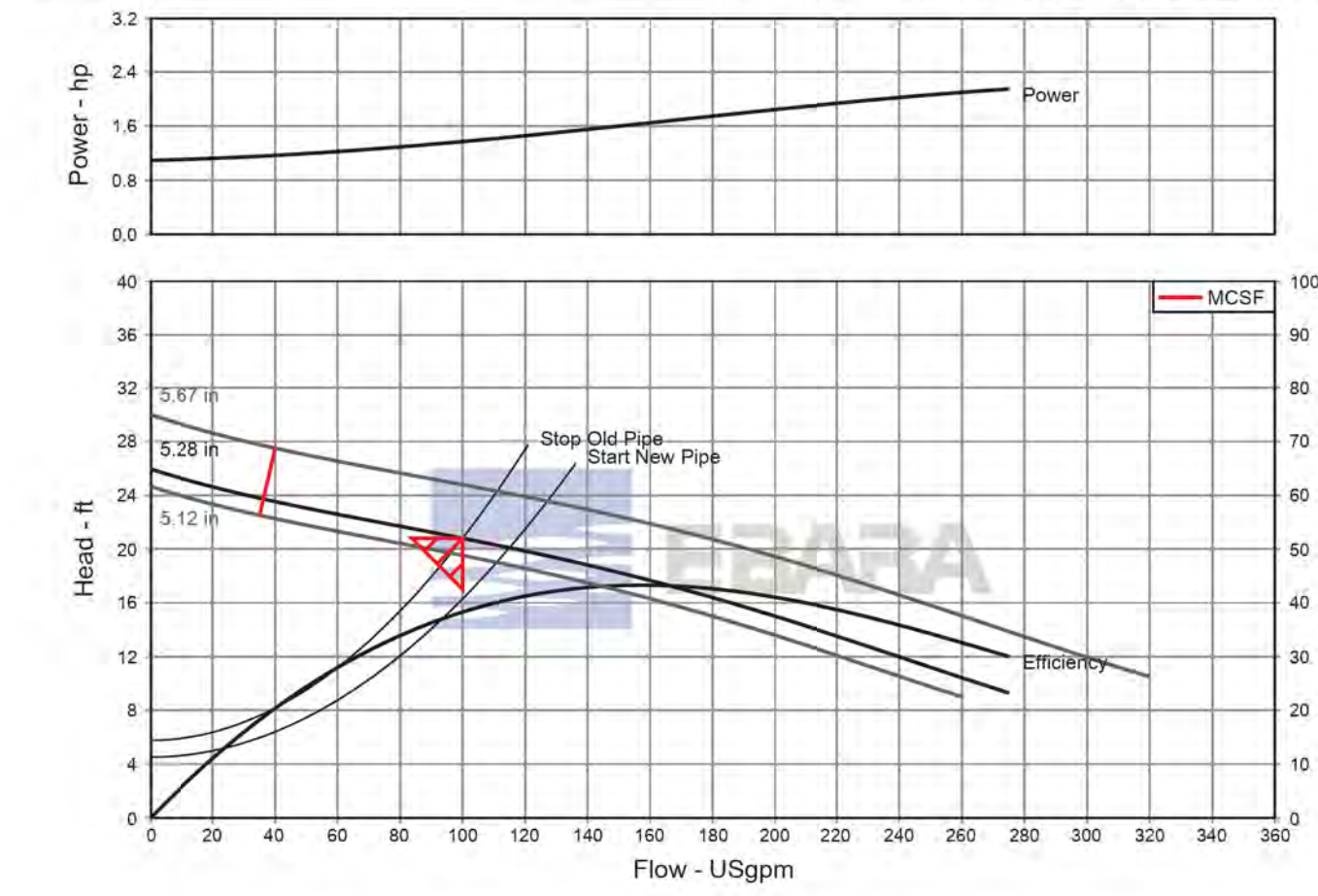


PROPOSED LIFT STATION NUMBER 1

Customer Reference	Product Description	Item number	Default
Romtec Utilities	800VBFU62.2	800VBFU62.2	1
Fir	Based on curve number	DV-C607-9204	1
	Date last saved	18 Apr 2017 2:07 PM	

Operating Conditions	Liquid	Performance	Material
Flow, rated: 100.0 USgpm	Liquid type: Water	Speed, rated: 1740 rpm	Material selected: Cast Iron
Differential head / pressure, rated (requested): 20.80 ft	Additional liquid description: Solids diameter, max: 0.00 in	Impeller diameter, rated: 5.28 in	Material: Cast Iron

Pressure Data	Driver & Power Data (gMax density)
Maximum working pressure: 11.23 psi g	Rated power: 3.00 hp / 2.24 kW (Fixed)
Maximum allowable working pressure: N/A	Margin over specification: 1.00



PROPOSED LIFT STATION NUMBER 2



Know what's below.
 Call before you dig.

Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-09**

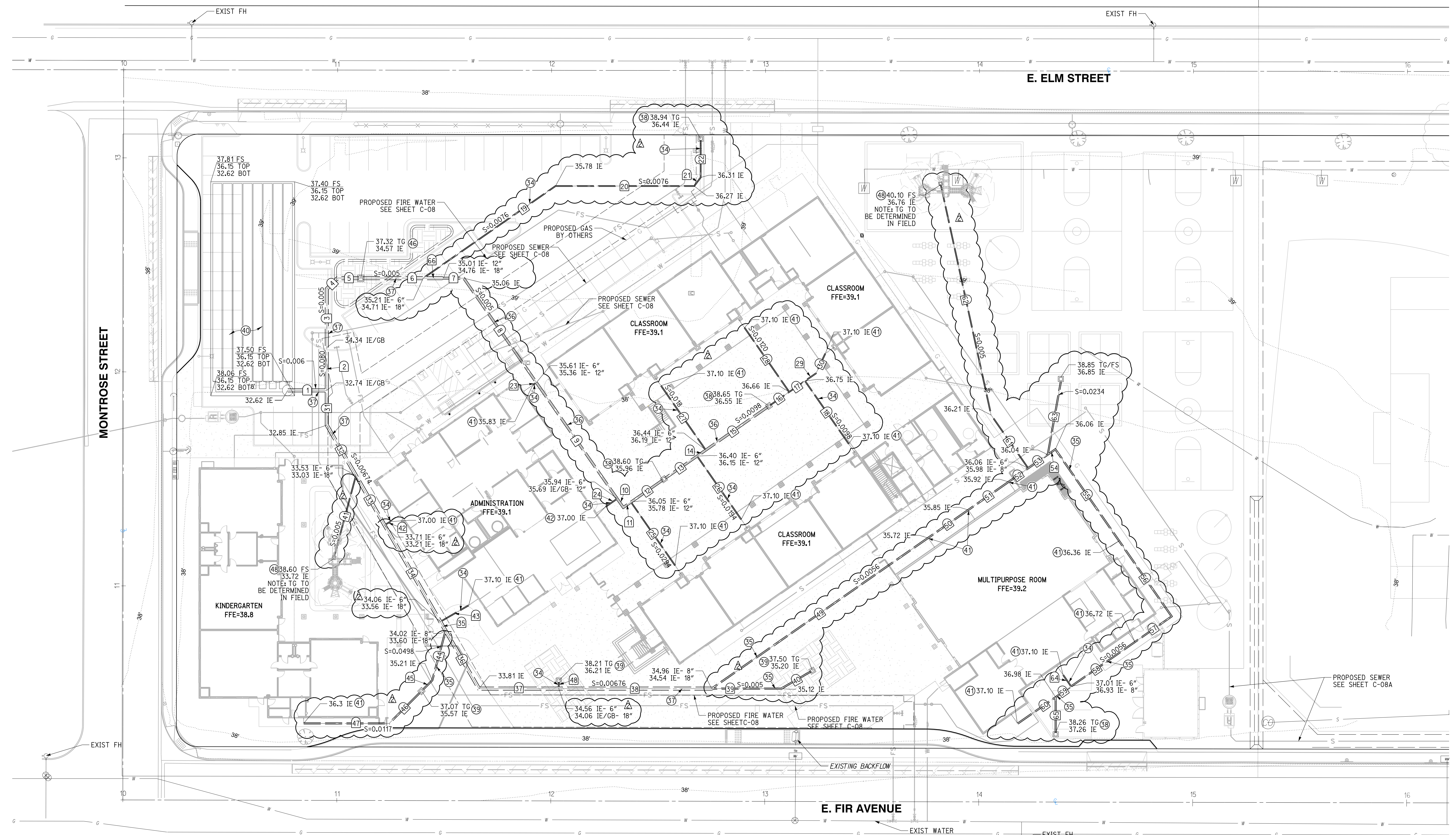
SHEET TITLE:

STORM DRAIN PLAN



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	59	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	46	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

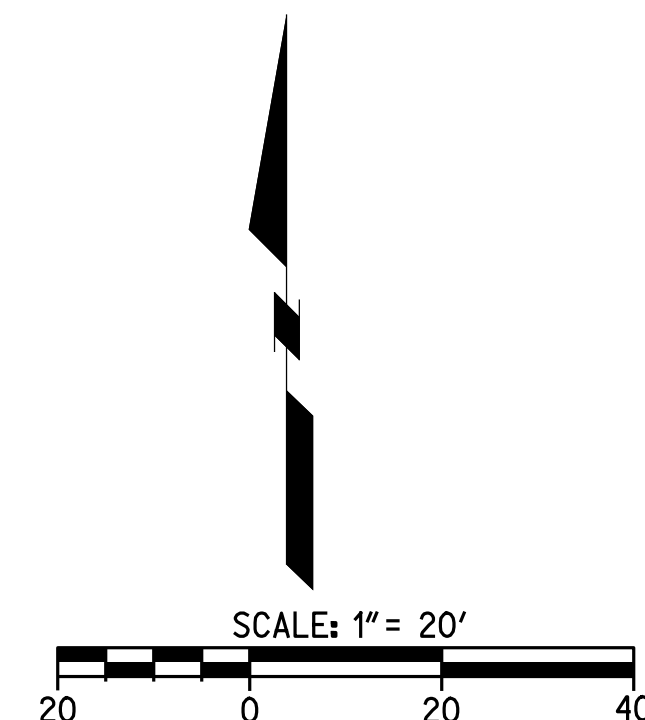


STORM DRAIN DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

STORM DRAIN DATA CONT.				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	18" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

STORM DRAIN DATA CONT.				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

STORM DRAIN DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

3 MacArthur Place, Suite 850
Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company



GENERAL NOTES

- 1. ALL GRADING SHALL CONFORM TO THE CITY OF OXNARD GRADING ORDINANCE AND THE LATEST EDITIONS OF THE CITY OF OXNARD DEPARTMENT OF PUBLIC WORKS STANDARDS, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), AND THE CITY OF OXNARD STANDARD LAND DEVELOPMENT SPECIFICATIONS.
- 2. CONTRACTOR SHALL NOTIFY THE CITY INSPECTION DIVISION AND ALL OTHER INTERESTED PARTIES AND ARRANGE FOR A PRECONSTRUCTION CONFERENCE 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 3. AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA U.S.A. AT 1-800-422-4433 TO OBTAIN AN INQUIRY IDENTIFICATION NUMBER AND TO REQUEST THE UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES, INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE. AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL POHOLE AND EXPOSE THE EXISTING UTILITIES AT ALL CROSSINGS AND AT THE POINT OF TIE-IN; THEN CONTACT THE ENGINEER TO VERIFY THE ELEVATION OF THE EXISTING FACILITIES.
- 4. ALL PERMITS NECESSARY PRIOR TO BEGINNING CONSTRUCTION SHALL BE OBTAINED BY THE CONTRACTOR.
- 5. THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE CITY THROUGHOUT THE CONSTRUCTION PERIOD.
- 6. THE CONTRACTOR SHALL KEEP A STRICT RECORD OF ALL CHANGES AND SUBMIT THIS RECORD TO THE CITY OF OXNARD DEVELOPMENT SERVICES DEPARTMENT. CERTIFIED "AS-BUILT" RECORDS SHALL BE PROVIDED TO THE CITY OF OXNARD BY THE DEVELOPER'S ENGINEER BEFORE THE RELEASE FOR OCCUPANCY WILL BE ISSUED.
- 7. ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE ENGINEER'S SATISFACTION.
- 8. THE CONTRACTOR SHALL REMOVE AND REPLACE ANY EXISTING BROKEN OR DAMAGED SIDEWALK, CURB, GUTTER OR ASPHALT PAVING (PATCH, REPAIR OR OVERLAY) AND UPGRADE THE ALLEY ADJACENT TO THE PROPERTY TO CURRENT CITY STANDARDS AS DIRECTED BY THE ENGINEER.
- 9. SAWCUT EXISTING PAVEMENT TO A CLEAN STRAIGHT EDGE AS DIRECTED BY THE CITY INSPECTOR.
- 10. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN CONFORMANCE WITH THE CITY OF OXNARD STANDARDS AND SPECIFICATIONS. COMPACTION EFFORTS SHALL NOT DISTURB ADJACENT STREET STRUCTURAL SECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SUCH DAMAGE.
- 11. ALL UNDERGROUND SEWER, STORM DRAIN, AND WATER PIPELINES, ELECTRIC POWER, TELEPHONE OR CABLE TV CONDUITS AND CABLE AND GAS PIPELINES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS, GUTTERS AND PAVEMENT.
- 12. WHERE JOINING THE EXISTING PAVEMENT, SAWCUT TO SOUND PAVEMENT AND OVERLAY AS REQUIRED TO PROVIDE PROPER GRADE AND CROSS-SLOPE. ANY UNSOUND PAVEMENT SHALL BE REPLACED AS REQUIRED BY THE ENGINEER.
- 13. THE DEVELOPER SHALL OBTAIN FINAL APPROVAL OF REIMBURSEMENT AMOUNTS PRIOR TO BEGINNING CONSTRUCTION ON REIMBURSABLE ITEMS.
- 14. ALL WATER WELLS LOCATED WITHIN THE SITE SHALL BE REPORTED TO THE CITY OF OXNARD WATER SUPERINTENDENT PRIOR TO THEIR MODIFICATION OR DESTRUCTION (CITY OF OXNARD ORDINANCE NO. 2219).
- 15. THE CONTRACTOR IS REQUIRED TO PROTECT ALL EXISTING SURVEY MONUMENTATION DURING GRADING AND ALL SUBSEQUENT CONSTRUCTION. CONTRACTOR SHALL GIVE THE ENGINEER ADEQUATE NOTICE, BEFORE DISTURBING SAID MONUMENTS, SO THE ENGINEER CAN REPLACE OR RELOCATE ANY EXISTING SURVEY MONUMENTATION.
- 16. ALL UNSUITABLE MATERIAL SHALL BE REMOVED AS REQUIRED BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
- 17. ALL DELETERIOUS MATERIAL (E.G., LUMBER, LOGS, BRUSH, RUBBISH, ETC.) SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL AND HAULED TO A DUMP-SITE APPROVED BY THE ENGINEER.
- 18. ALL AREAS TO RECEIVE COMPACTED FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES. PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR ANY FILL.
- 19. ALL SOIL OR ROCK MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL SHALL BE REMOVED FROM THE SITE. ANY IMPORTED MATERIAL SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO USE IN COMPACTED FILL. BLOCKY MATERIAL SHALL BE BROKEN INTO SUITABLE PARTICLE SIZES BEFORE BEING USED AS FILL IN CONFORMANCE WITH THE CITY STANDARDS.
- 20. ALL TREE ROOTS, ABANDONED IRRIGATION LINES, UTILITY SERVICES, SEPTIC TANKS AND SIMILAR MATERIALS SHALL BE REMOVED FROM THE SITE AND VOIDS CREATED THEREBY SHALL BE PROPERLY FILLED AND COMPACTED AS DIRECTED BY THE SOILS ENGINEER.
- 21. ALL EXCAVATED BACK SLOPES AND KEYS FOR BUTTRESS FILLS MUST BE EXAMINED BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER TO INSURE ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY SUPPORTED BY THE PROPOSED BUTTRESS FILLS.
- 22. THE SOILS ENGINEER SHALL SUBMIT RECOMMENDATIONS FOR CORRECTIVE WORK TO INSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED AT THE TOP OF CUTS.
- 23. DURING THE RAINY SEASON (APPROXIMATELY OCTOBER THROUGH APRIL), THE DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING STORM DAMAGE PREVENTION MEASURES OR EROSION CONTROL DEVICES AND/OR TO PERFORM CERTAIN GRADING TO PREVENT SOIL OR EXCESS RUNOFF FROM FLOWING INTO PUBLIC STREETS OR ADJACENT PROPERTIES. IN THE EVENT OF SUCH AN OCCURRENCE, CLEANUP SHALL COMMENCE IMMEDIATELY. SHOULD CITY FORCES OR THE CITY CONTRACTOR PERFORM ANY CLEANUP RESULTING FROM THIS DEVELOPMENT, THE DEVELOPER SHALL PAY THE COST INCURRED WITHIN TEN (10) WORKING DAYS UPON RECEIPT OF BILLING.
- 24. THE DEVELOPER OR HIS AGENT SHALL BE RESPONSIBLE FOR REMOVAL AND CLEANUP OF ANY SPILL ON PUBLIC STREETS DURING THE GRADING OPERATION, AS WELL AS REPAIR OF DAMAGE TO HAUL ROUTES AND EXISTING FACILITIES.
- 25. MAXIMUM SLOPES FOR BOTH CUT AND FILL SHALL BE 2:1.
- 26. NO OVERSIZE OR OVERWEIGHT LOADS ARE PERMITTED WITHOUT A SEPARATE MOVING PERMIT.
- 27. HAUL ROUTES MUST BE ON OFFICIAL TRUCK ROUTES AS SHOWN ON THE CITY TRUCK ROUTE MAP. A SEPARATE ENCROACHMENT PERMIT IS REQUIRED WHEN IT IS NECESSARY TO FLAG TRAFFIC OR INSTALL ANY TRAFFIC CONTROL DEVICES ON CITY RIGHT-OF-WAY.
- 28. ALL WORK CONTEMPLATED UNDER THE PERMIT SHALL BE COMPLETED WITHIN THE TIME LIMIT SPECIFIED IN THE PERMIT OR ANY TIME EXTENSIONS GRANTED THEREON AND SHALL BE DONE IN ACCORDANCE WITH THE APPROVED PLANS AND IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE GRADING PERMIT TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DIRECTOR AND ALL OTHER PROVISIONS OF THE CODE, APPLICABLE LAWS, AND ORDINANCES.
- 29. IN THE EVENT THE DEVELOPER FAILS TO COMPLY WITH THE PROVISIONS OF THE PERMIT AND APPLICABLE LAWS, THE SURETY WILL PROMPTLY COMPLETE THE WORK TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DIRECTOR. IN THE EVENT SAID SURETY FAILS TO PROMPTLY DO SO, THE SURETY SHALL PAY THE CITY ALL COSTS AND EXPENSES INCURRED BY SAID CITY IN MAKING THE PREMISES SAFE TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DIRECTOR.

GENERAL NOTES CONT.

- 30. FINE GRADING TO BE NO LESS THAN THE FOLLOWING: LONGITUDINAL-SLOPE CROSS-SLOPE PERVIOUS SURFACES 1.0% TO 2.0% ASPHALT SURFACES 0.50% TO 1.0% CONCRETE SURFACES .25% TO 0.5%
- 31. IF THE PROPERTY GRADES HAVE AN ELEVATION DIFFERENTIAL OF 12 INCHES, A RETAINING WALL SHALL BE REQUIRED (ANY PERMITS REQUIRED SHALL BE OBTAINED FROM BUILDING DIVISION BEFORE APPROVAL OF GRADING PLAN); GRADE DIFFERENTIAL GREATER THAN THREE FEET SHALL REQUIRE A DOUBLE WALL WITH A 3 FOOT PLANTING STRIP BETWEEN WALLS. MAXIMUM WALL HEIGHT SHALL NOT EXCEED 8 FEET BETWEEN LOTS.
- 32. PRIOR TO A FINAL INSPECTION AND ACCEPTANCE OF THE GRADING OPERATION, ALL CERTIFICATION HEREON SHALL BE FULLY EXECUTED BY THE APPROPRIATE REGISTERED PROFESSIONALS.
- 33. ALL SEWERS AND STORM DRAIN LINES SHALL BE VIDEO-TAPED BY THE CONTRACTOR IN VHS FORMAT AND THE TAPES SHALL BE DELIVERED TO THE CITY INSPECTOR AT THE TIME OF TAPING. CAUTION: UNDERGROUND STRUCTURES ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE DEVELOPER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT THEY AGREE TO ASSUME LIABILITY AND AGREE TO HOLD THE UNDERSIGNED HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK.

WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF OXNARD STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN BOOK").

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

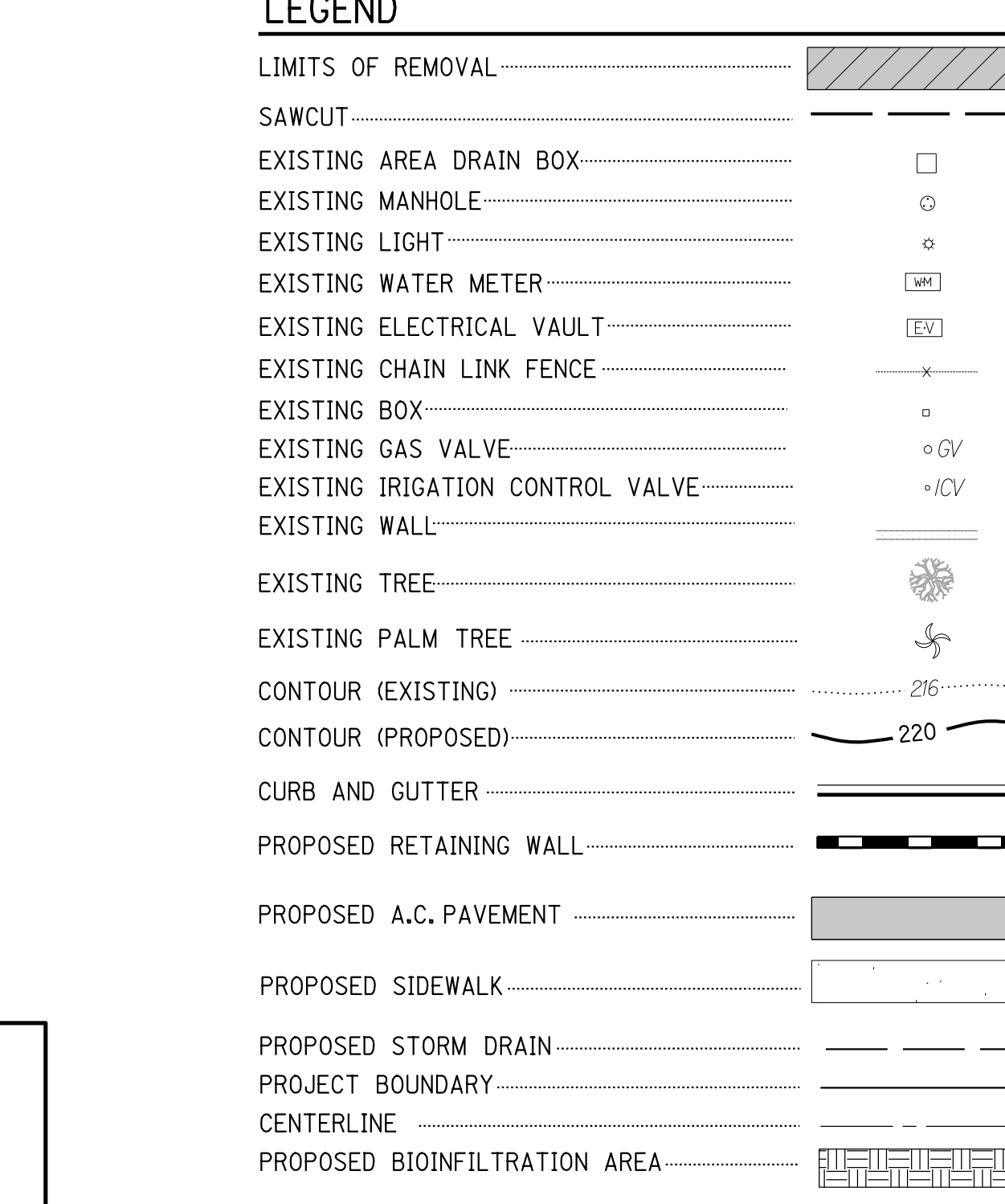
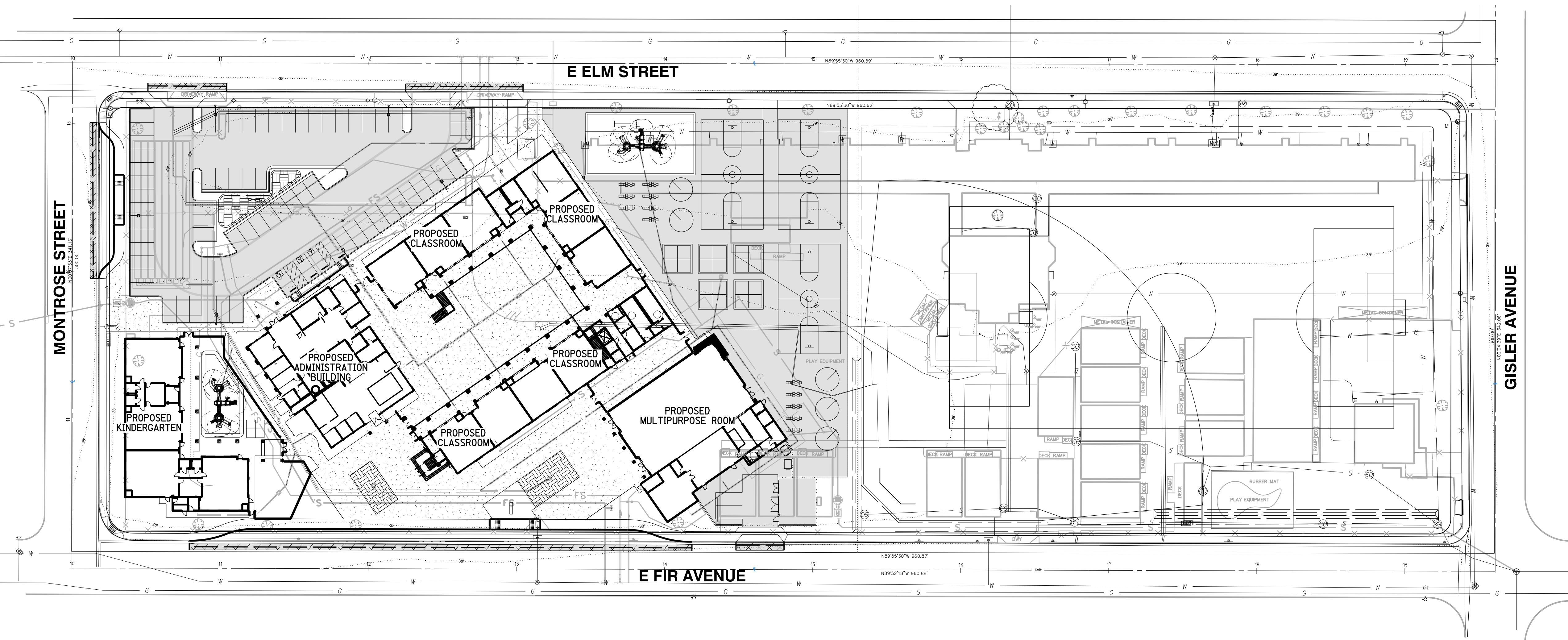
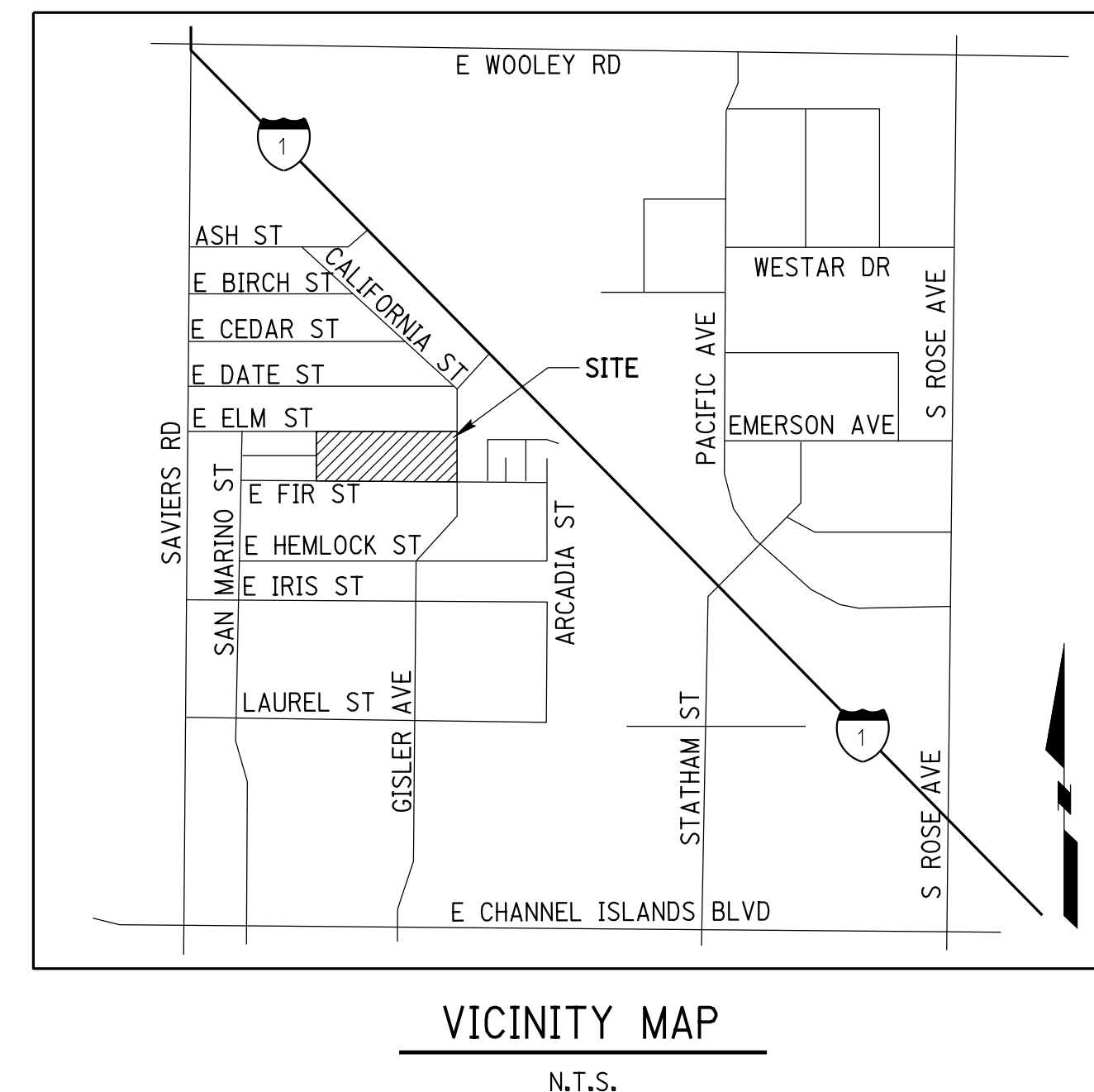
ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U. S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTOR'S AND SUBCONTRACTOR'S COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HERE ON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

ABBREVIATIONS

- BOTTOM BOT
- DEEPEDED FOOTING DF
- EDGE OF PAVEMENT ELEVATION EP
- FINISHED GRADE ELEVATION FG
- FINISHED FLOOR ELEVATION FFE
- FLOW LINE ELEVATION FL
- FINISHED SURFACE ELEVATION FS
- GRADE BREAK GB
- HIGH POINT HP
- INVERT ELEVATION IE
- LOW POINT LP
- ON CENTER O.C.
- ON CENTER EACH DIRECTION O.C.E.D.
- PLANTING AREA PA
- POINT OF CONNECTION POC
- TOP OF CURB ELEVATION TC
- TOP OF WALL ELEVATION TW
- TREE WELL TRWL



OWNER

OXNARD SCHOOL DISTRICT
1051 SOUTH A STREET
OXNARD, CA
805-385-1501
PROJECT CONTACT:

GEOTECH ENGINEER

EARTH SYSTEMS
SOUTHERN CALIFORNIA
1731-A WALTER STREET
VENTURA, CA
PHONE: (951) 782-0707
FAX: (951) 782-0723

ENGINEER

RICK ENGINEERING COMPANY
1770 IOWA AVE, SUITE 100
RIVERSIDE, CA 92507
PHONE: (951) 782-0707
FAX: (951) 782-0723

NOTIFICATIONS

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION.

Table with columns for Utility, City, and Contact Information. Includes SCE, CITY OF OXNARD-WATER DIVISION, TELEPHONE: (805) 385-8154, (805) 389-2266; SEWER: CITY OF OXNARD-WASTE WATER DIV., (805) 385-7839; CABLE: TIME WARNER, (805) 732-9355; GAS: SOUTHERN CALIFORNIA GAS-VENTURA, (818) 701-3448.

ESTIMATED RAW GRADING QUANTITIES

- 1. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR FINAL PAY QUANTITIES.
- 2. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE GEOMETRIC VOLUMES AND DO NOT ACCOUNT FOR LOSS DUE TO SHRINKAGE OR COMPACTION.

Table with columns: CUT, FILL, EXPORT. Values: CUT: 5,423 C.Y., FILL: 5,423 C.Y., EXPORT: 0 C.Y.

GRADING TOLERANCE NOTE

GRADING SHALL BE DONE WITH A TOLERANCE OF 0.1 FOOT OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5 FOOT OF THE LOCATION SHOWN ON THESE PLANS. IN NO WAY DO THE ABOVE TOLERANCES RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PROVIDING A FINISHED SURFACE THAT WILL NOT FOND.

GEOTECHNICAL ENGINEER'S CERTIFICATE

THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY SOUTHERN CALIFORNIA GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDOUS REPORT FOR RECONSTRUCTION OF ELM STREET SCHOOL DATED MARCH, 2014.

NAME: _____ DATE: _____

BENCHMARK

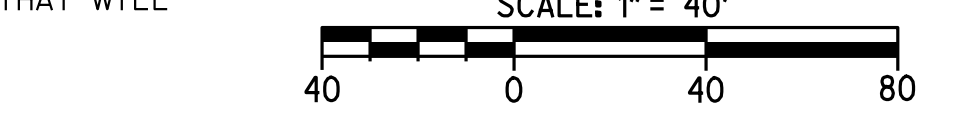
ID NUMBER: SAV-5
FIELD BOOK: COUNTY OF VENTURA DEPARTMENT OF PUBLIC WORKS
LOCATION: CITY OF OXNARD
DESCRIPTION: FROM THE INTERSECTION OF SAVIERS ROAD AND IRIS STREET 44 FEET SOUTH ON SAVIERS ROAD THEN 7 FEET WEST. A STANDARD VENTURA COUNTY BRASS CAP MONUMENT SET FLUSH IN TOP OF CURB MEDIAN STRIP.
ELEVATION: 35.387 FT. NAVD 1988 (2000 ADJ.)

SOURCE OF TOPOGRAPHY AND BOUNDARY

BOUNDARY LINE PLOTTED AND TOPOGRAPHIC SURVEY CONDUCTED BY WAGNER ENGINEERING & SURVEY, INC. ON JANUARY 13, 2014.

BASIS OF BEARING

THE BEARING OF N89°55'30"W ON THE SOUTHERLY LINE OF ELM STREET, 60' WIDE, AS SHOWN ON MAP OF OXNARD DEVELOPMENT SUBDIVISION UNIT NO. 3, RECORDED IN BOOK 13, PAGES 87 AND 88, OF MISCELLANEOUS MAPS, RECORDS OF VENTURA COUNTY, WAS USED AS THE BASIS OF BEARING FOR THIS MAP.



CIVIL SHEET INDEX table with columns SHEET NO. and TITLE. Lists sheets C-01 through C-13 including Title Sheet, Detail Sheets, Demolition Plan, Precise Grading Plan, Composite Utility Plan, Sewer Lift Station Details, Storm Drain Plan, and SD Underground Detention System Details.



811 logo. Text: "Know what's below. Call before you dig." "CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD." "Call of least 2 working days prior to excavating." "G:\171531\Civ\N\171531pgrd01.dgn"

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 03-116407
AC FLS SS
DATE

REVISIONS table with columns DESCRIPTION and DATE. Revision 1: BULLETIN 3, 5-12-2017.

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: 1"=40'
SHEET NUMBER: C-01
SHEET TITLE:

TITLE SHEET RICK ARCHITECTS ENGINEERING COMPANY
1770 IOWA AVENUE SUITE 100 RIVERSIDE, CA 92507
951.782.0707 FAX: 951.782.0723
San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rick@rickarch.com

SVA ARCHITECTS
3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
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A# 03-116407
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

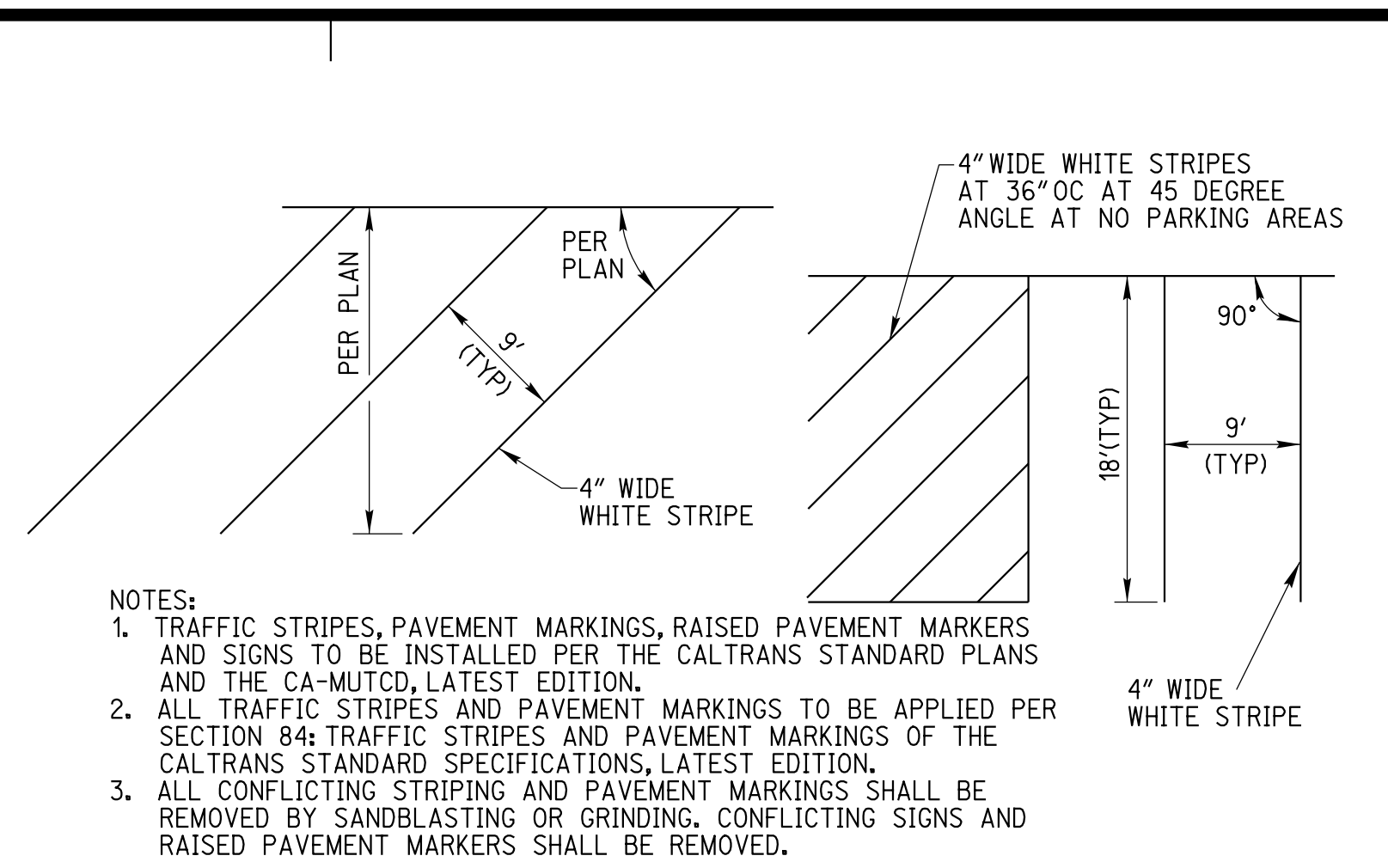
SHEET NUMBER: C-02

SHEET TITLE:

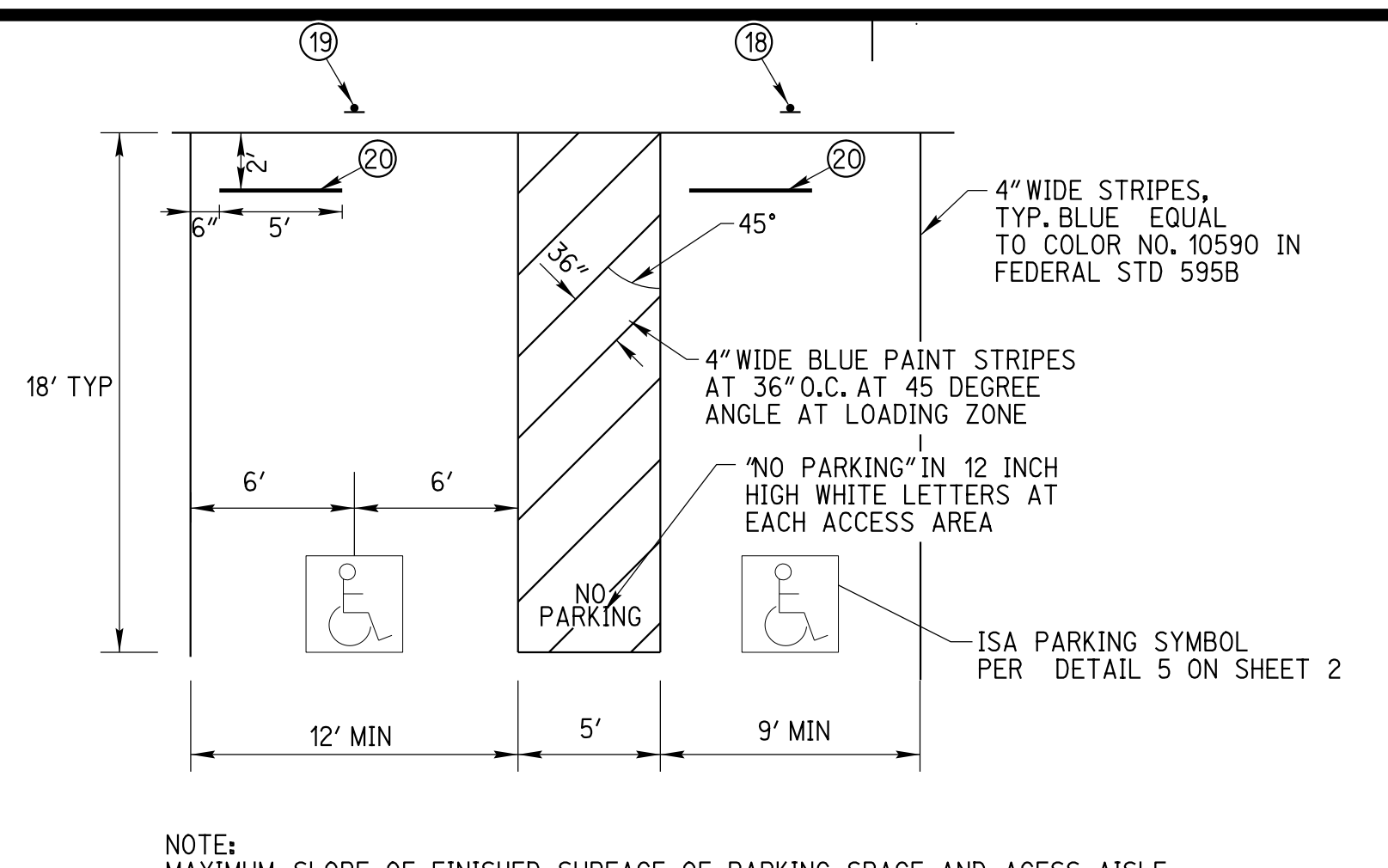
DETAIL SHEET

RICK
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 951.782.0707
 (FAX) 951.782.0723
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 rickeng@earthlink.net

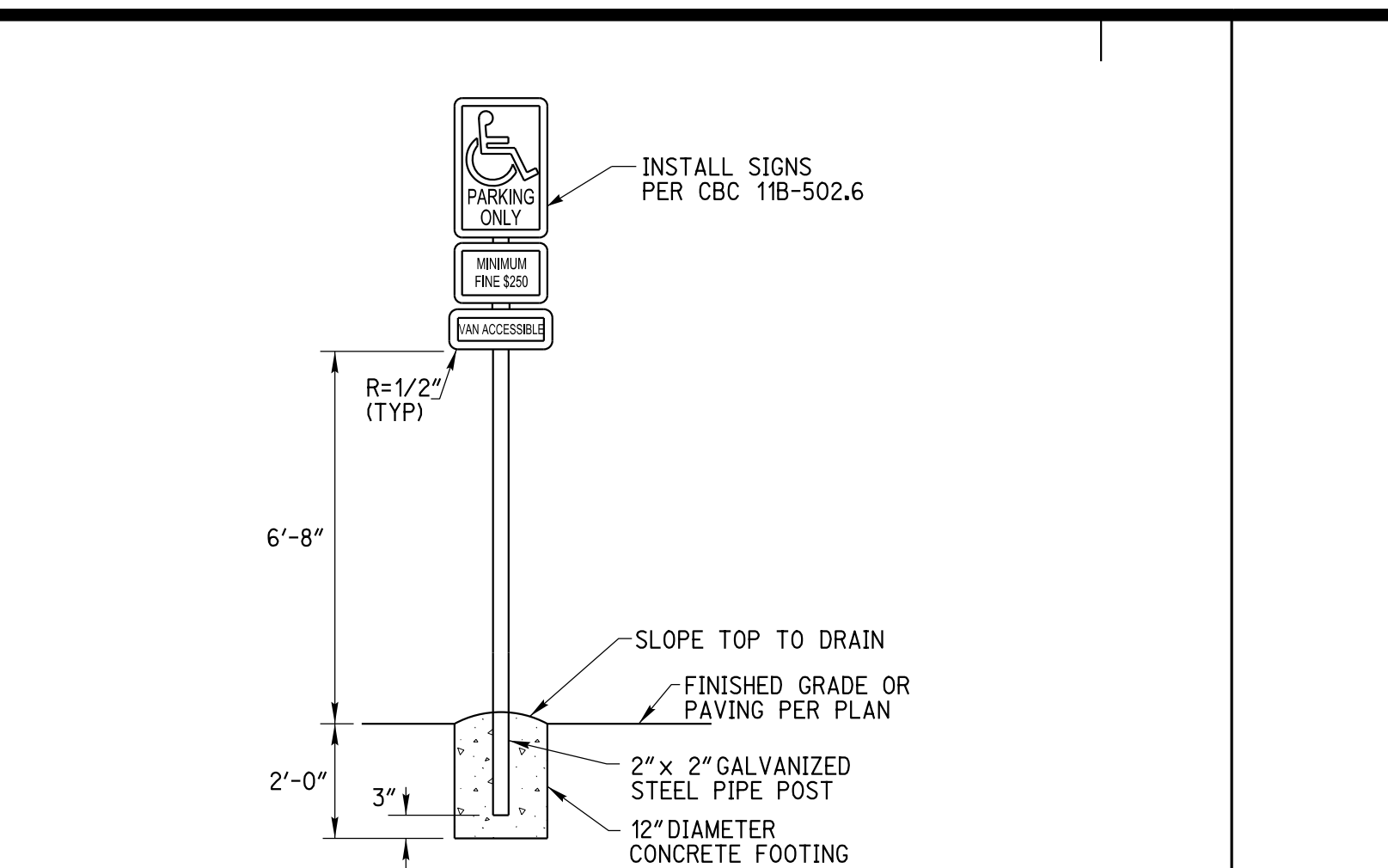
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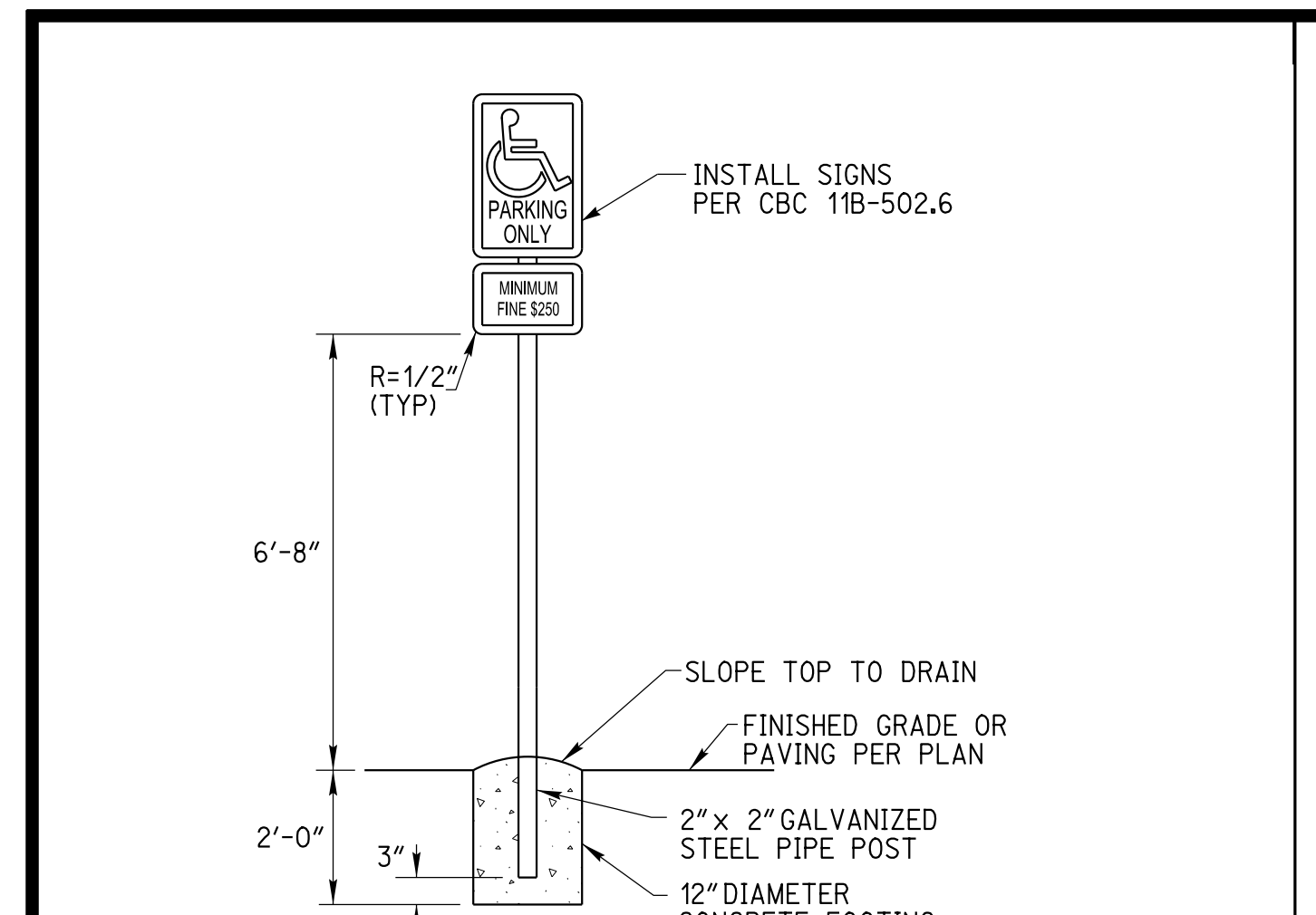
4 TYPICAL PARKING STRIPING DETAIL
 NOT TO SCALE



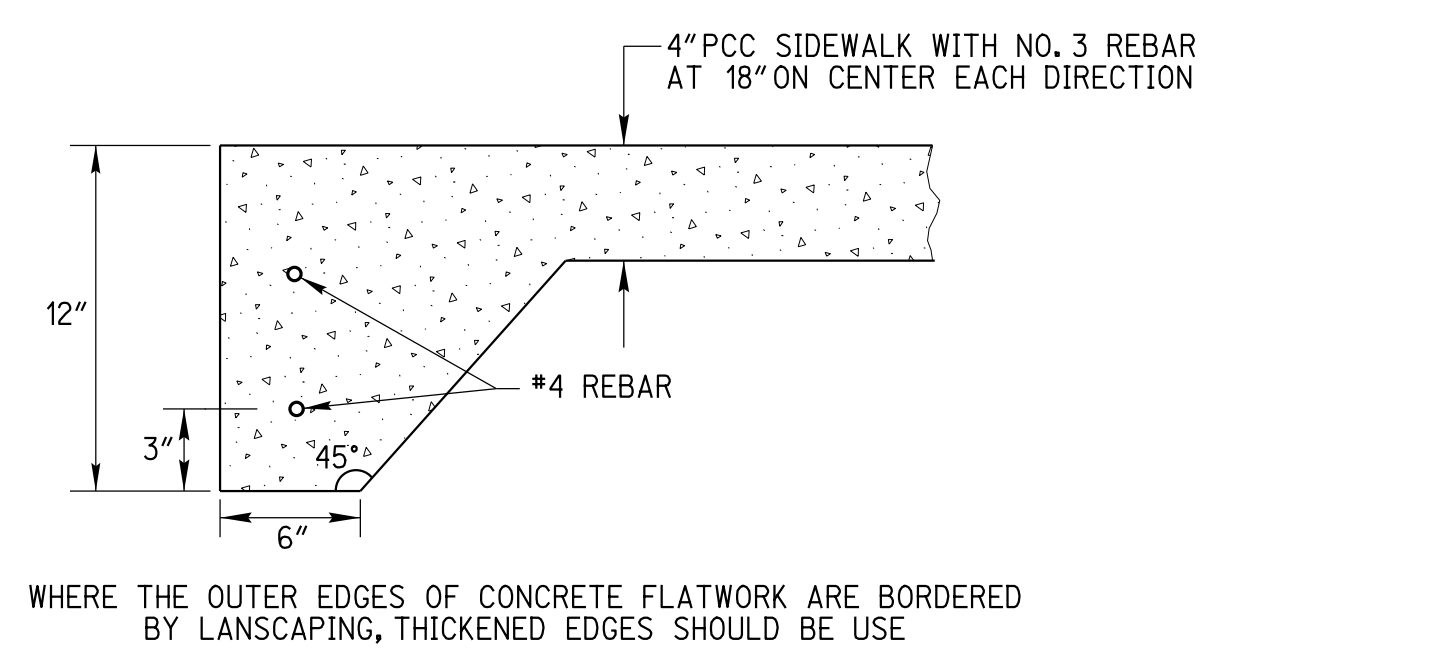
3 ACCESSIBLE PARKING STRIPING DETAIL
 NOT TO SCALE



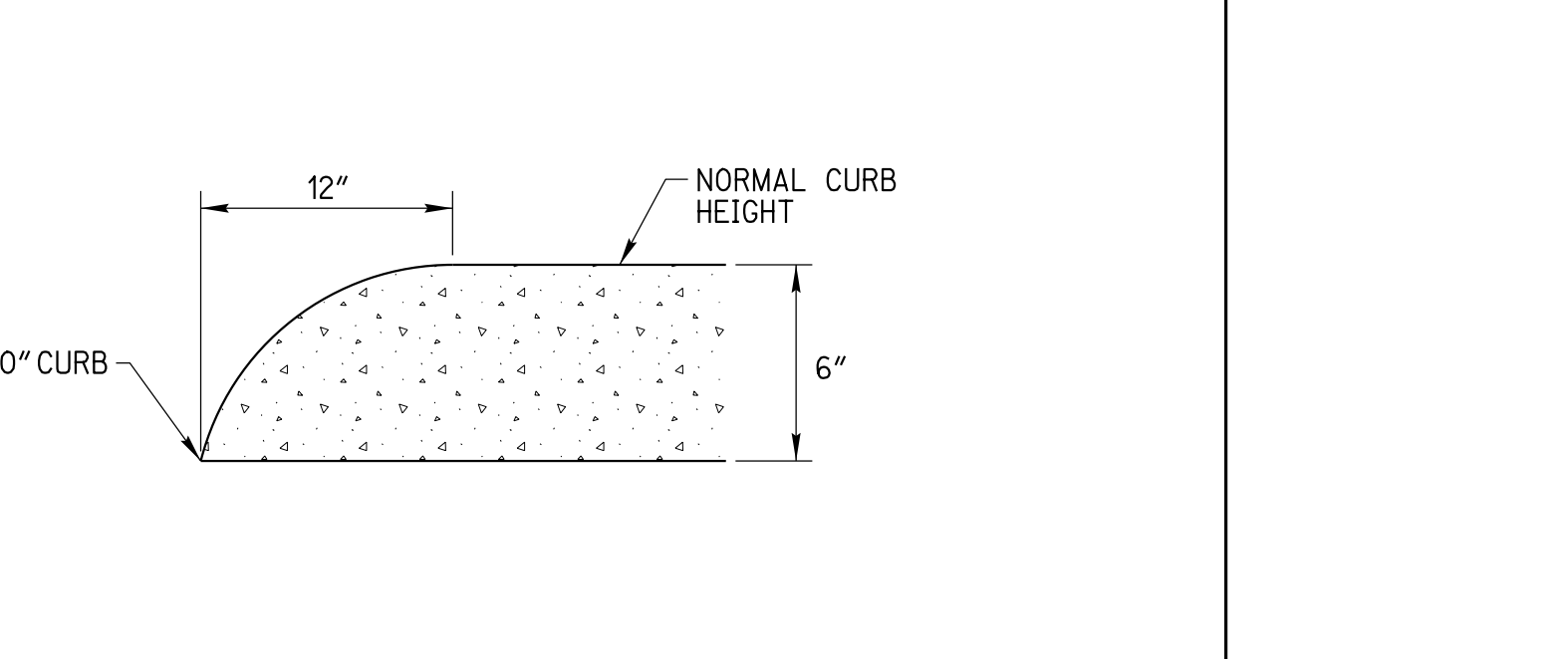
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 NOT TO SCALE



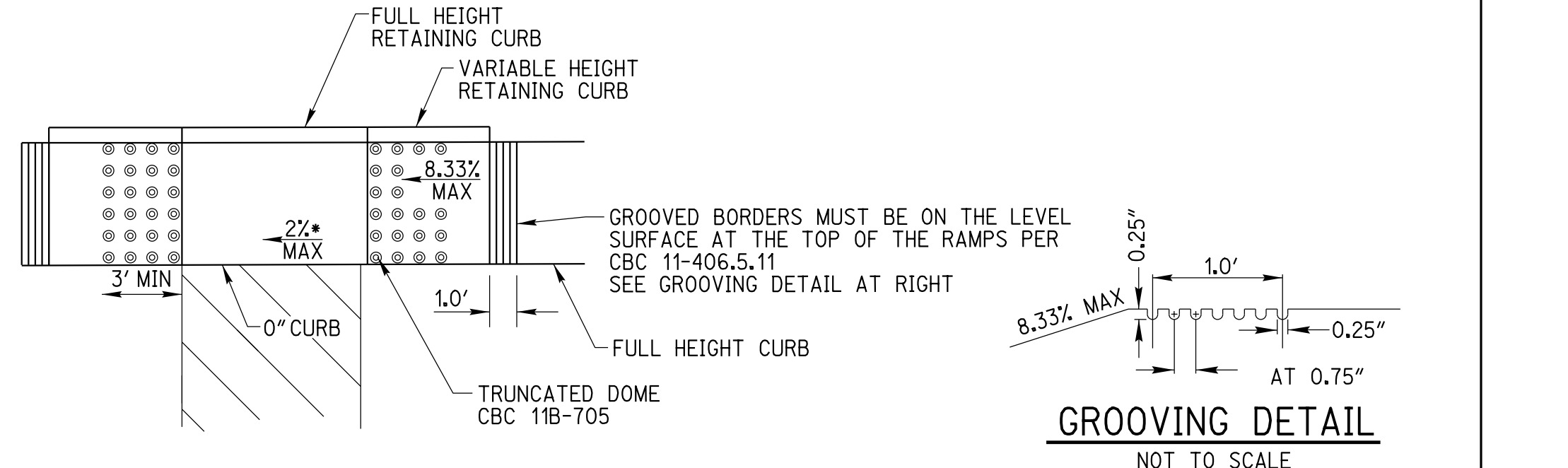
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 NOT TO SCALE



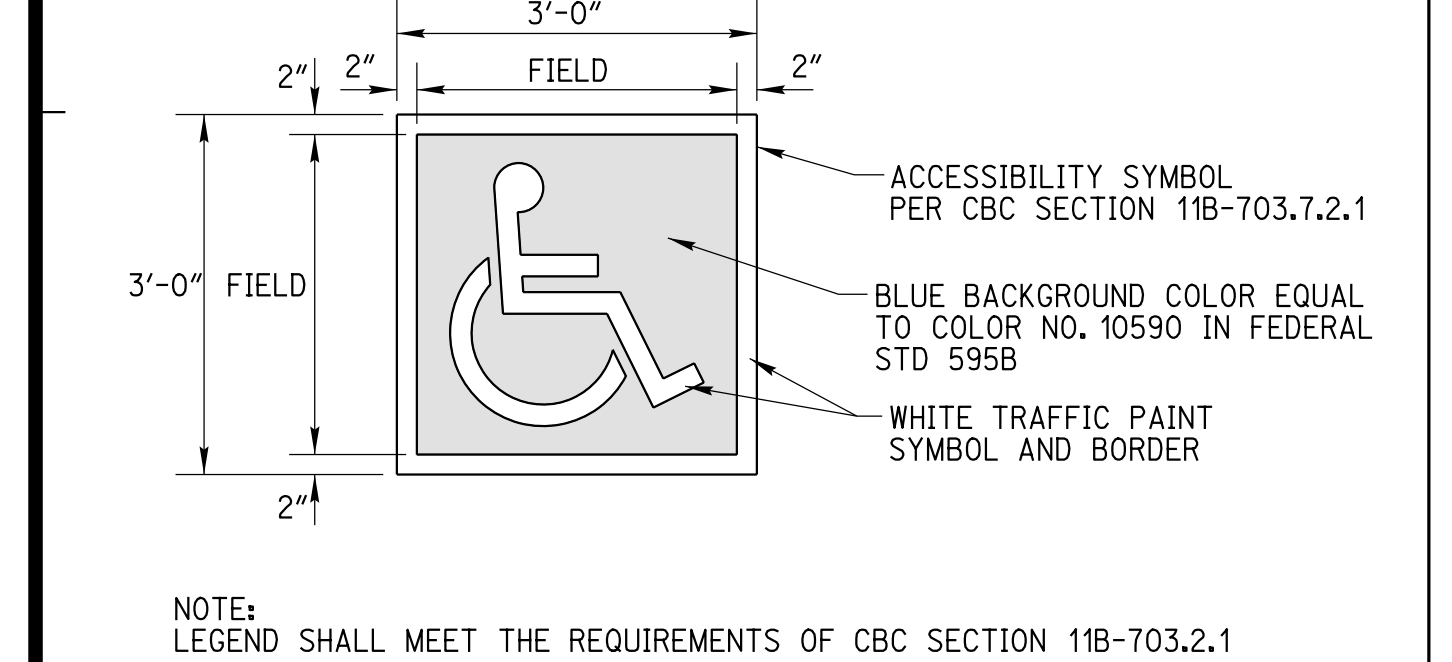
8 THICKENED EDGE DETAIL
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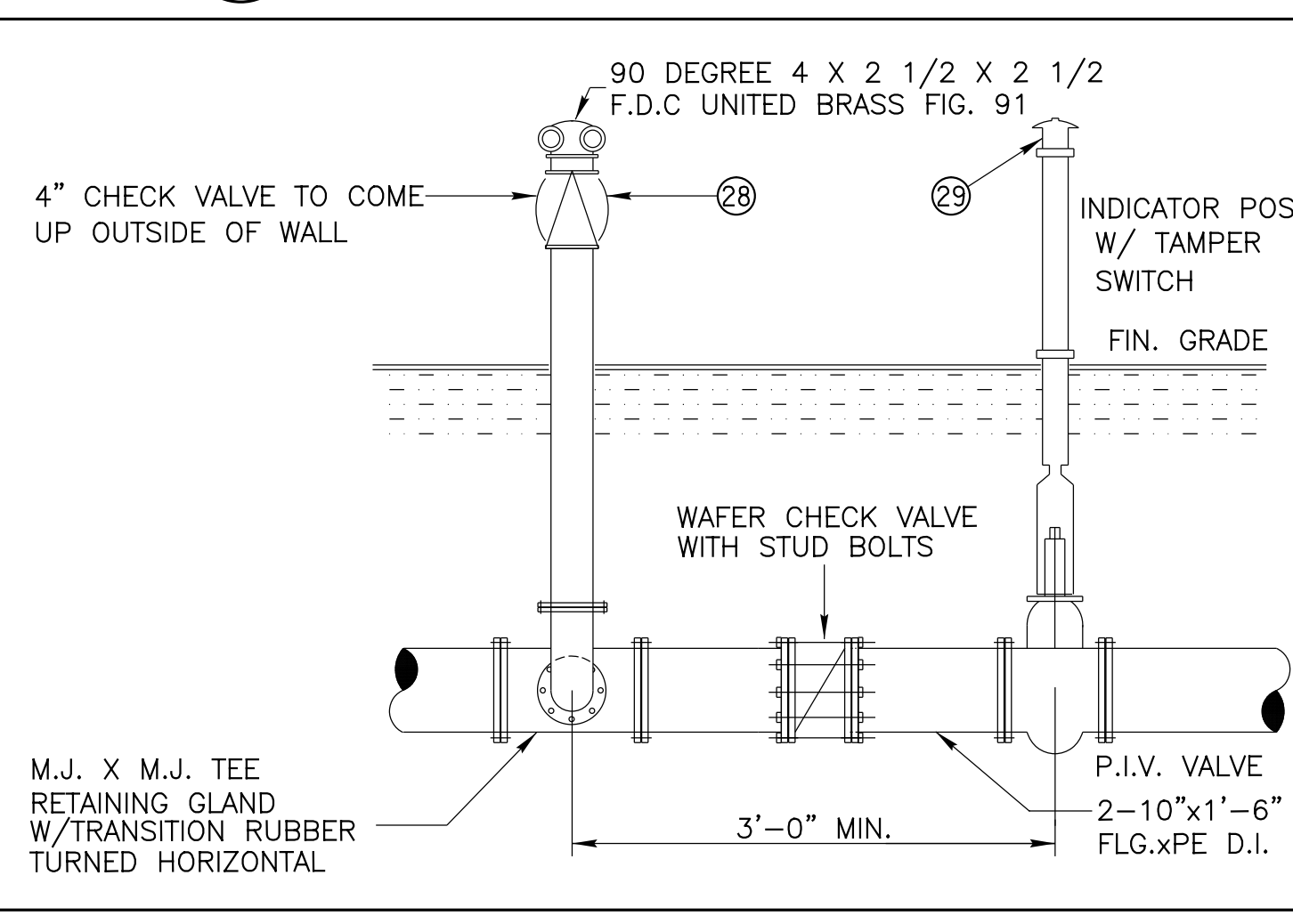
7 CURB END DETAIL
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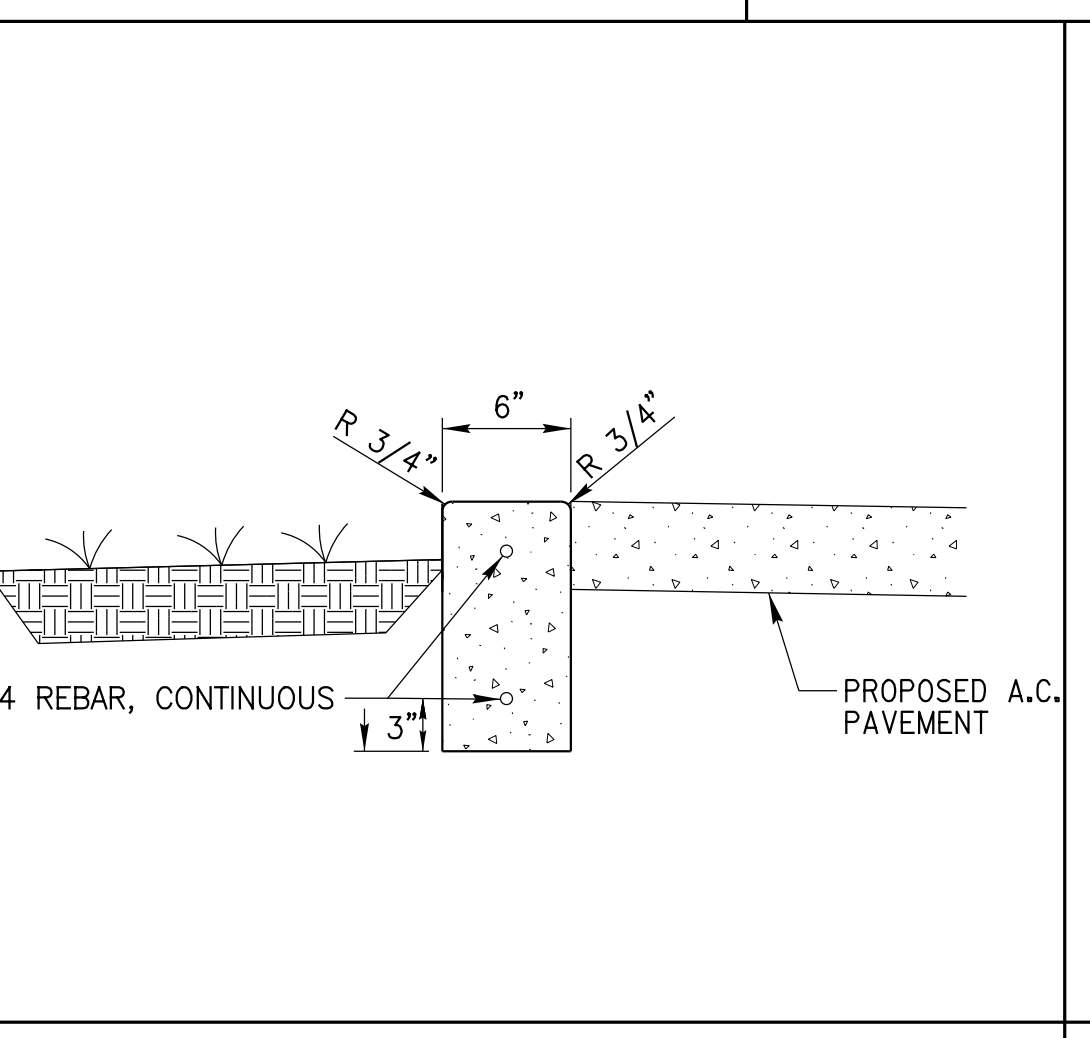
6 ACCESSIBLE CURB RAMP DETAIL
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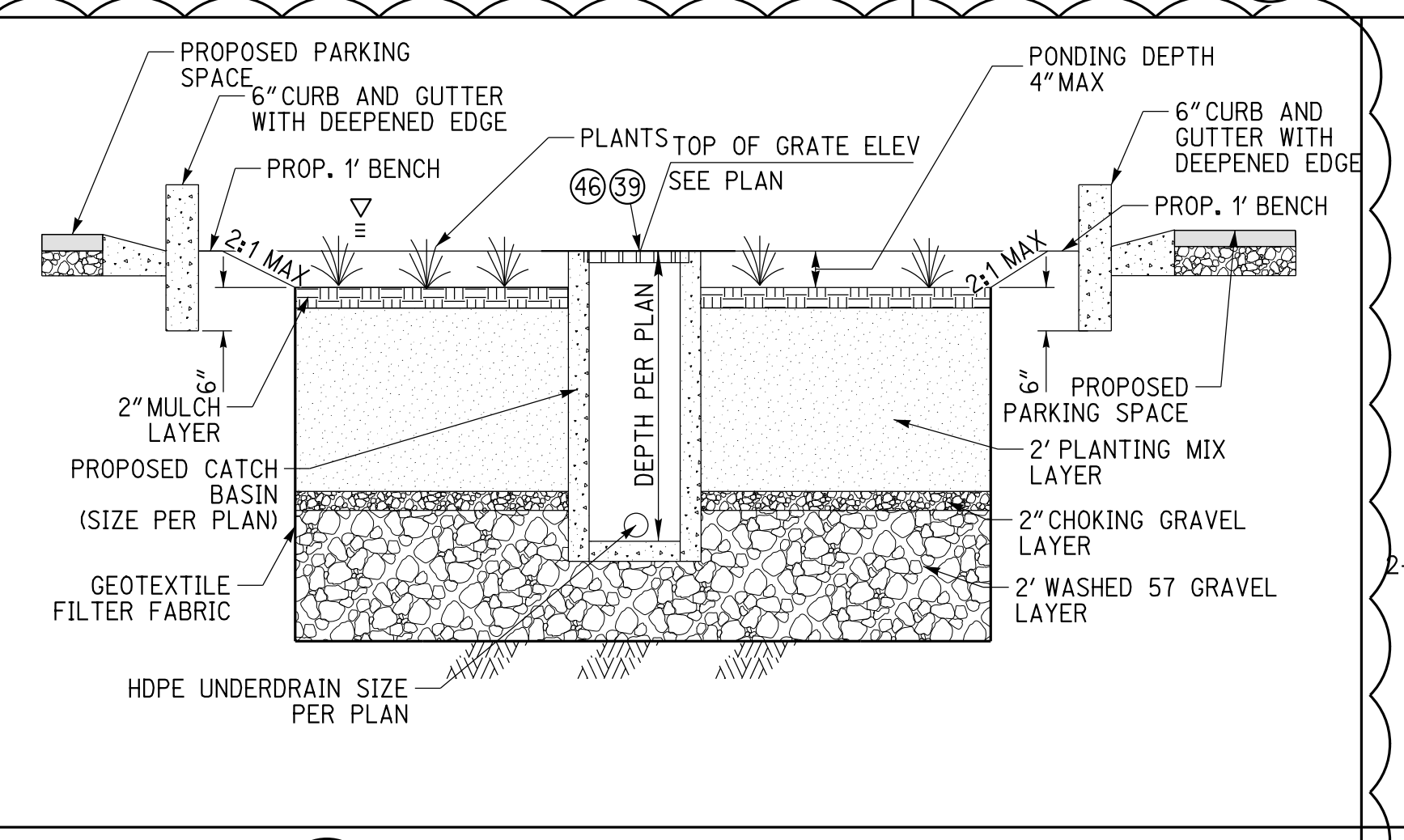
5 ISA PARKING SYMBOL DETAIL
 NOT TO SCALE



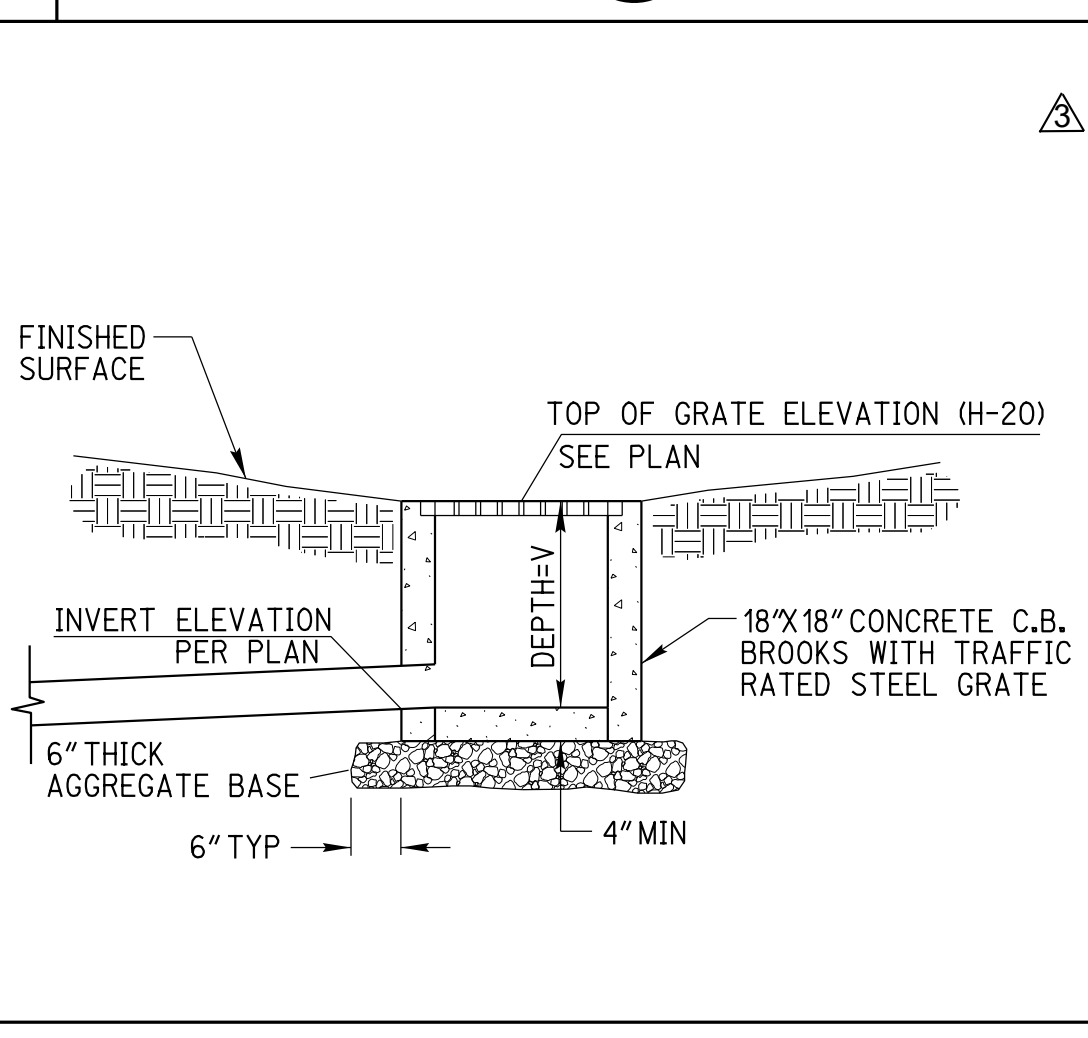
13 POST INDICATOR/FIRE DEPARTMENT CONNECTION
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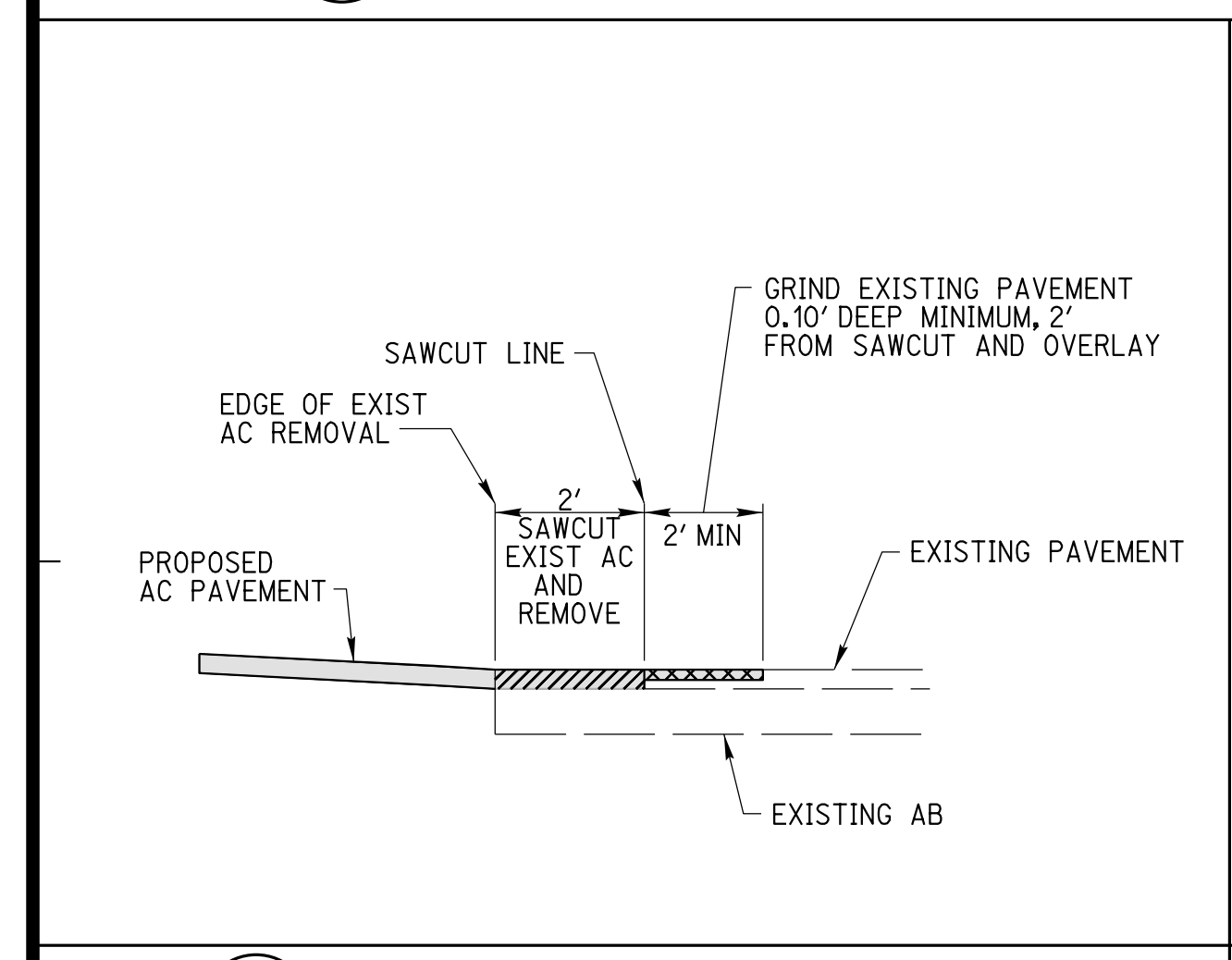
12 0" CURB DETAIL
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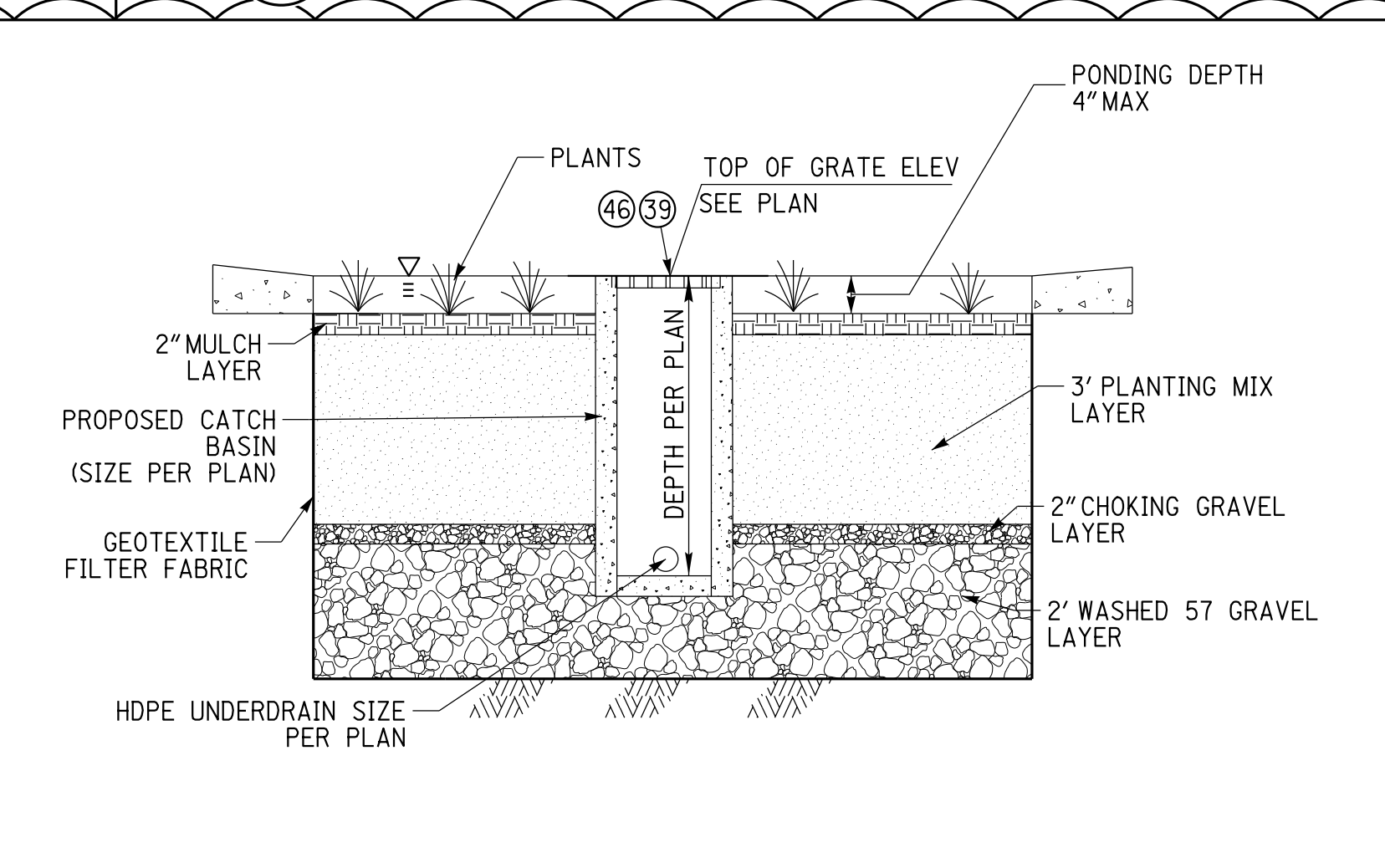
11 BIOINFILTRATION BASIN DETAIL
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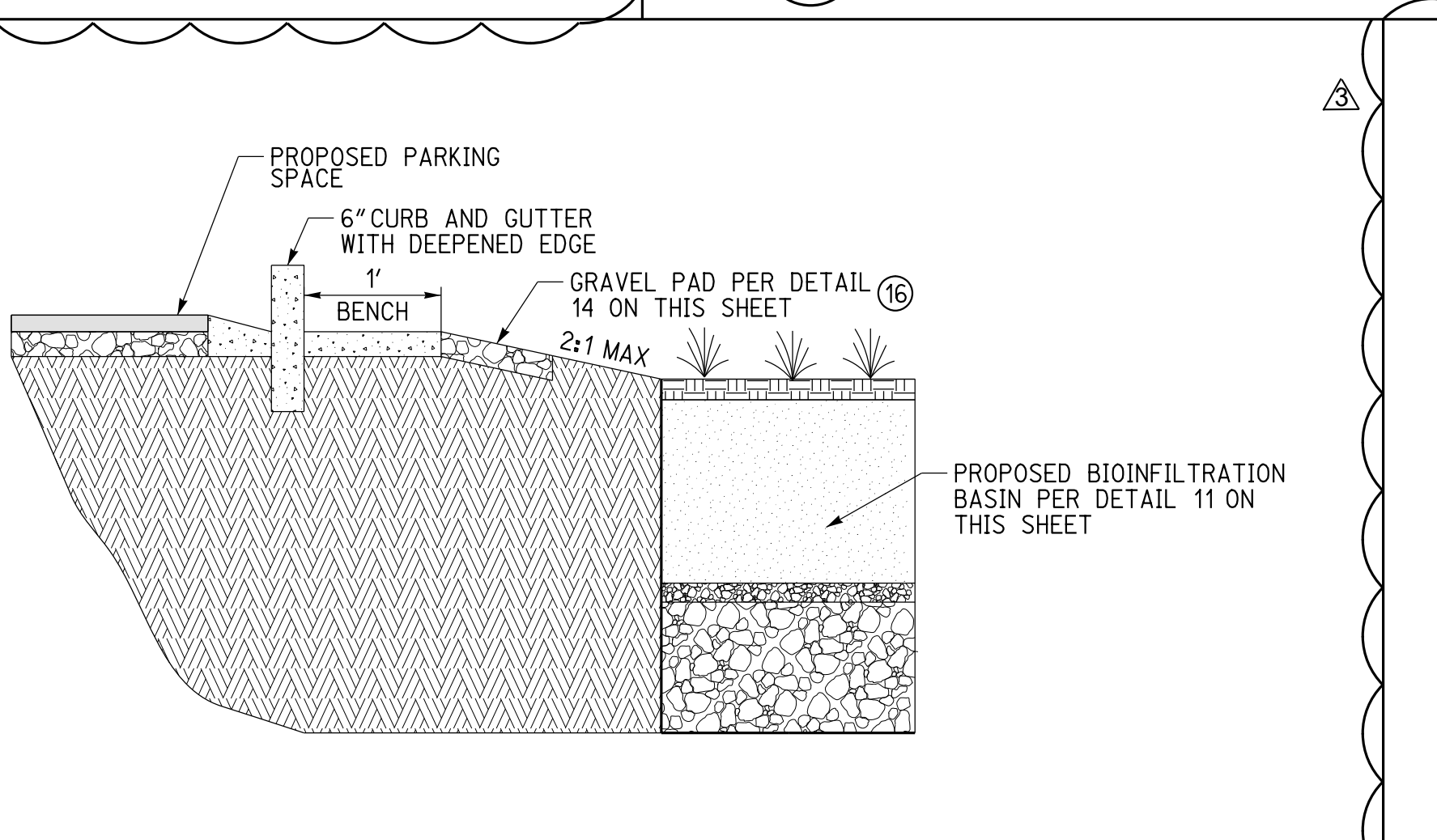
10 CATCH BASIN DROP INLET DETAIL
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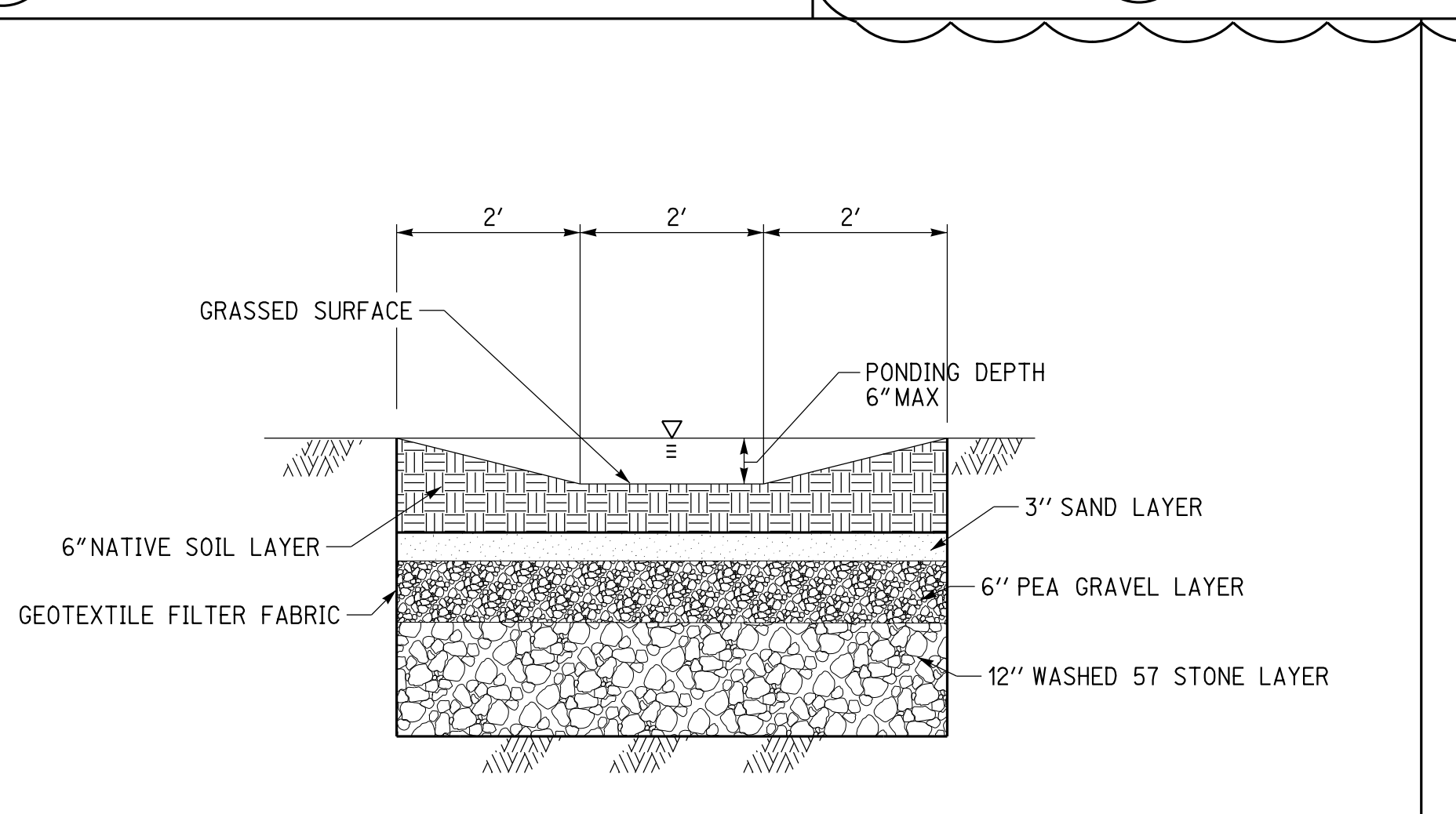
9 GRIND AND OVERLAY DETAIL
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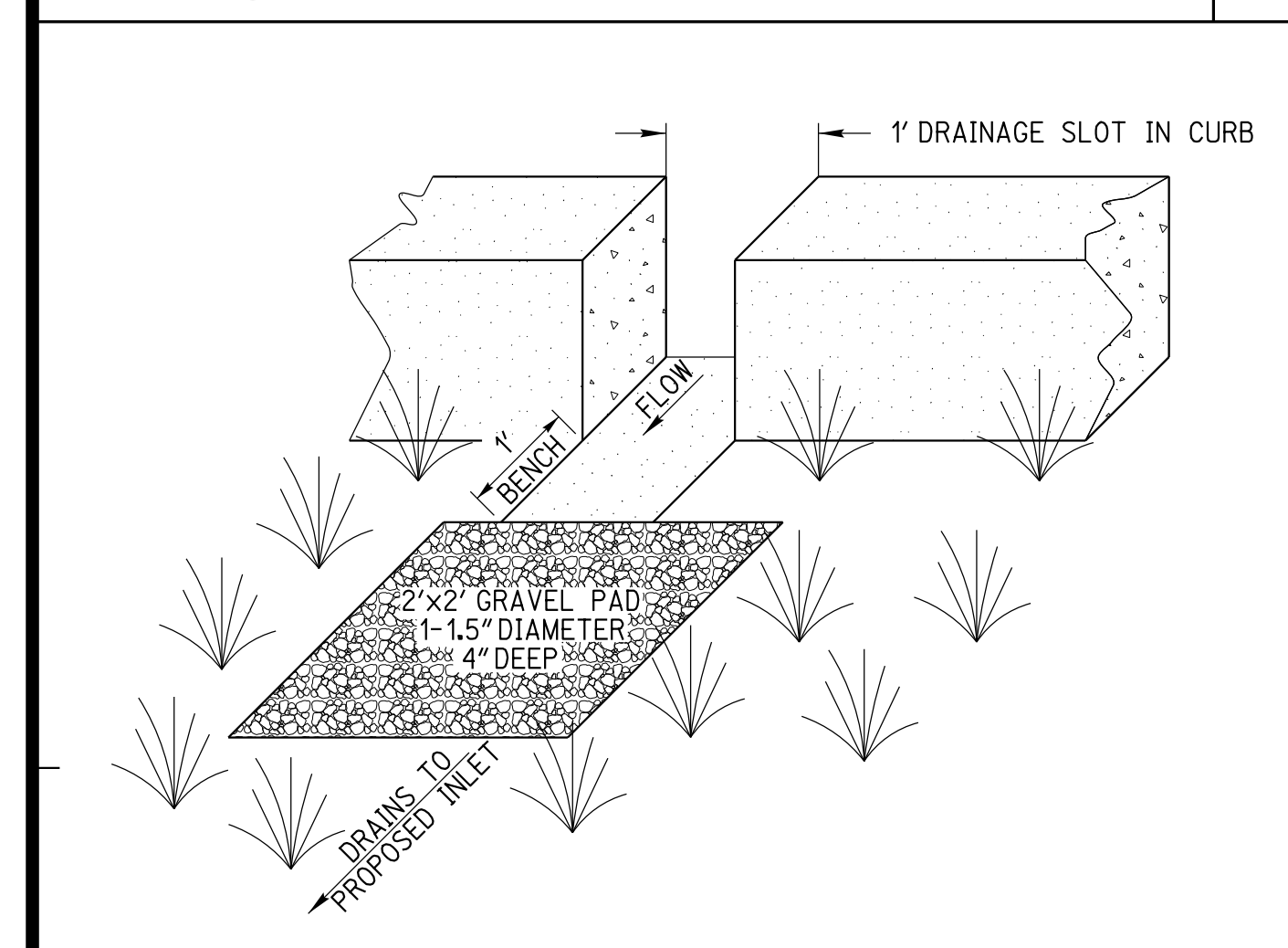
16 BIOINFILTRATION BASIN DETAIL
 NOT TO SCALE



A SECTION A
 NOT TO SCALE



15 VEGETATED SWALE DETAIL
 NOT TO SCALE



14 CURB CUT WITH GRAVEL PAD
 NOT TO SCALE

811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 OFFICE OF REGULATION SERVICES
 A# 03-116407

AC: FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-04

SHEET TITLE:

DETAIL SHEET

RICK
 ENGINEERING COMPANY
 1770 IONA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
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TYPICAL BACKFLOW PREVENTION DEVICE INSTALLATION (FOR 2" AND SMALLER WATER SERVICES)
 STANDARD PLAN 2002 PLATE 309
 SHEET 1 OF 1

TYPICAL BARRICADES FOR FIRE HYDRANT
 STANDARD PLAN 2002 PLATE 301
 SHEET 1 OF 1

DETAILS FOR FIRE HYDRANT INSTALLATION
 STANDARD PLAN 2002 PLATE 300
 SHEET 1 OF 1

**3\"/>
 STANDARD PLAN 2002 PLATE 310
 SHEET 1 OF 1**

**3\"/>
 STANDARD PLAN 2002 PLATE 317
 SHEET 1 OF 1**

**2 1/2\"/>
 STANDARD PLAN 2002 PLATE 311
 SHEET 1 OF 2**

**2 1/2\"/>
 STANDARD PLAN 2002 PLATE 312
 SHEET 1 OF 2**

811
 Know what's below.
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 Call at least 2 working days prior to excavating.

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▲	BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=40'

SHEET NUMBER: **C-05**

SHEET TITLE:

DEMOLITION PLAN



1770 IOWA AVENUE
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- LEGEND**
- EXISTING ELECTRICAL BOX
 - EXISTING ELECTRIC VAULT
 - EXISTING WATER METER
 - EXISTING LIGHT POLE
 - EXISTING GAS VALVE
 - EXISTING TELEPHONE MANHOLE
 - EXISTING SEWER MANHOLE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING WATER VALVE
 - EXISTING POWER POLE
 - EXISTING GUY WIRE
 - EXISTING CHAIN LINK FENCE
 - CONTOUR (EXISTING)
- PROJECT BOUNDARY**
- EXISTING CENTERLINE
 - EXISTING CURB AND GUTTER
 - EXISTING TREE
 - EXISTING EDGE OF PAVEMENT
 - EXISTING GAS MAIN
 - EXISTING WATER MAIN
 - EXISTING SEWER MAIN
 - EXISTING FH

DEMOLITION NOTES

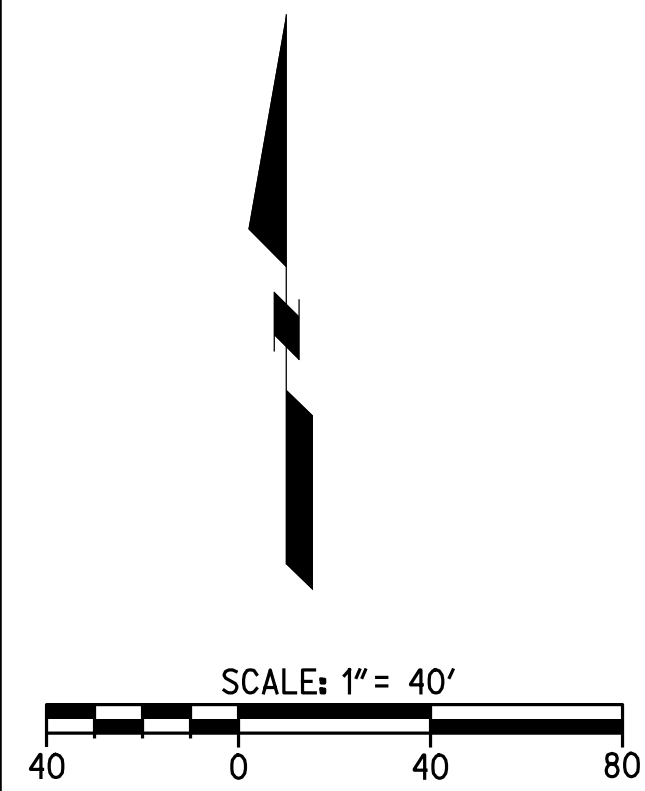
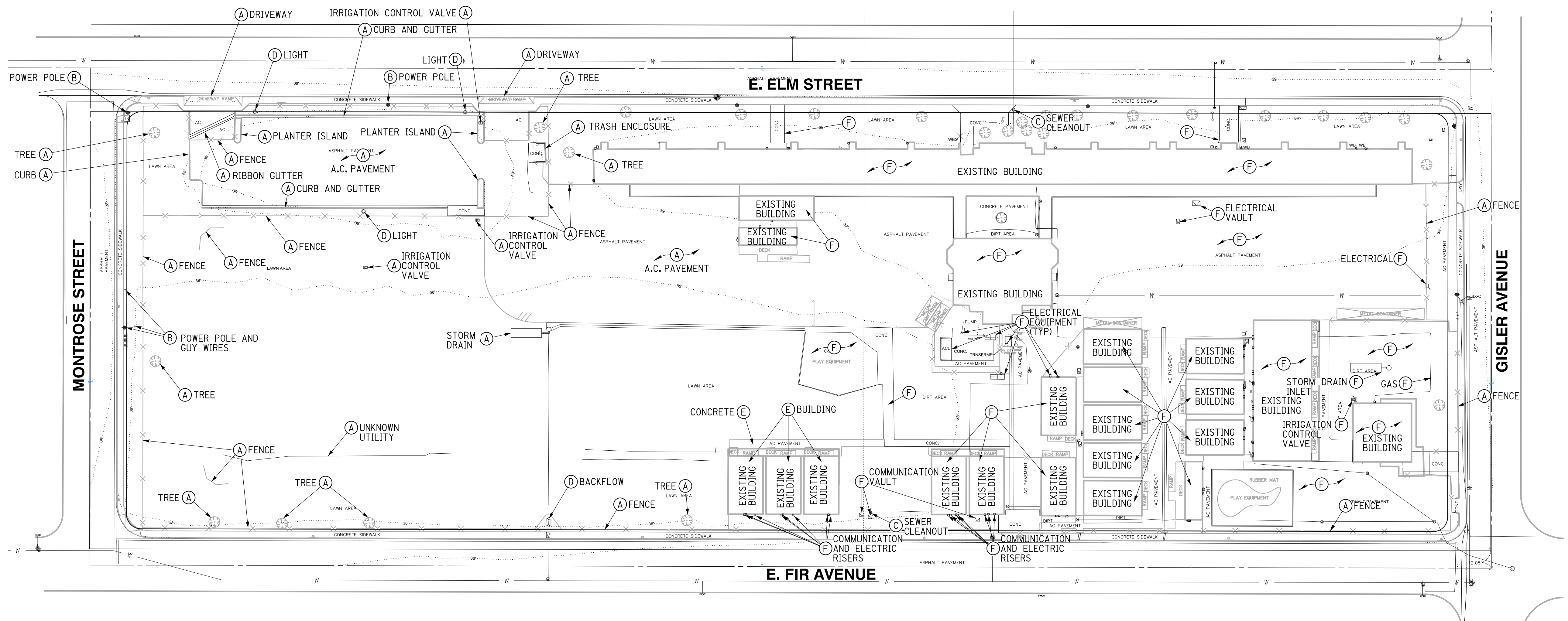
ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

- CONSTRUCTION NOTES**
- ▲ EXISTING TO BE REMOVED
 - EXISTING TO BE PROTECTED IN PLACE
 - EXISTING TO BE ADJUSTED TO GRADE
 - EXISTING TO BE SALVAGED AND RELOCATED
 - ◇ MODULAR BUILDINGS TO BE RELOCATED
 - ⊕ EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

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DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

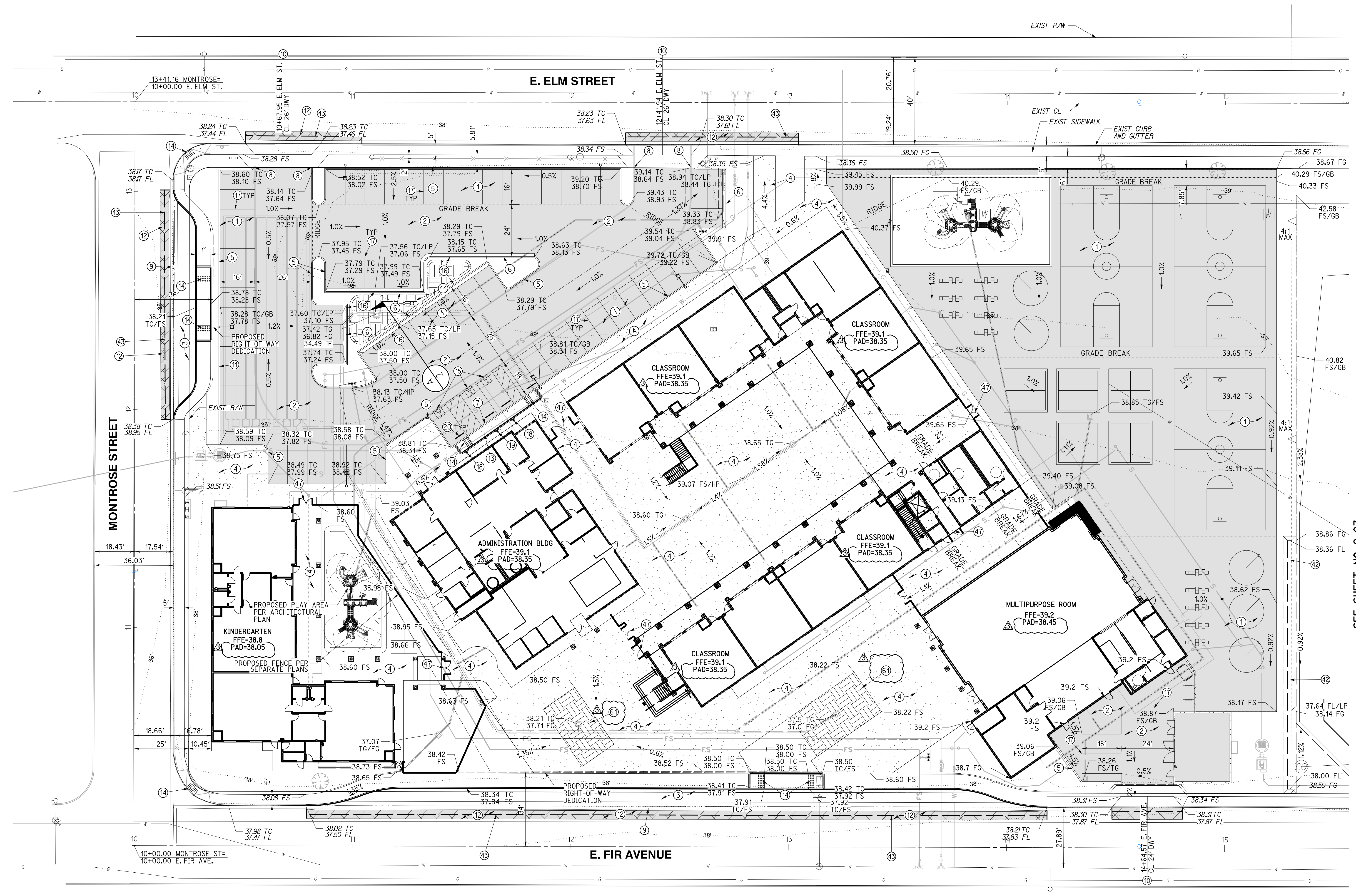
SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
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 RIVERSIDE, CA 92507
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 951.782.0707
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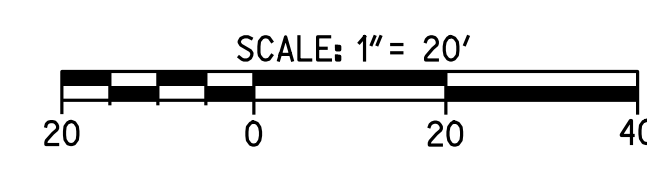
GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DIVISION OF THE STATE ARCHITECT
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 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

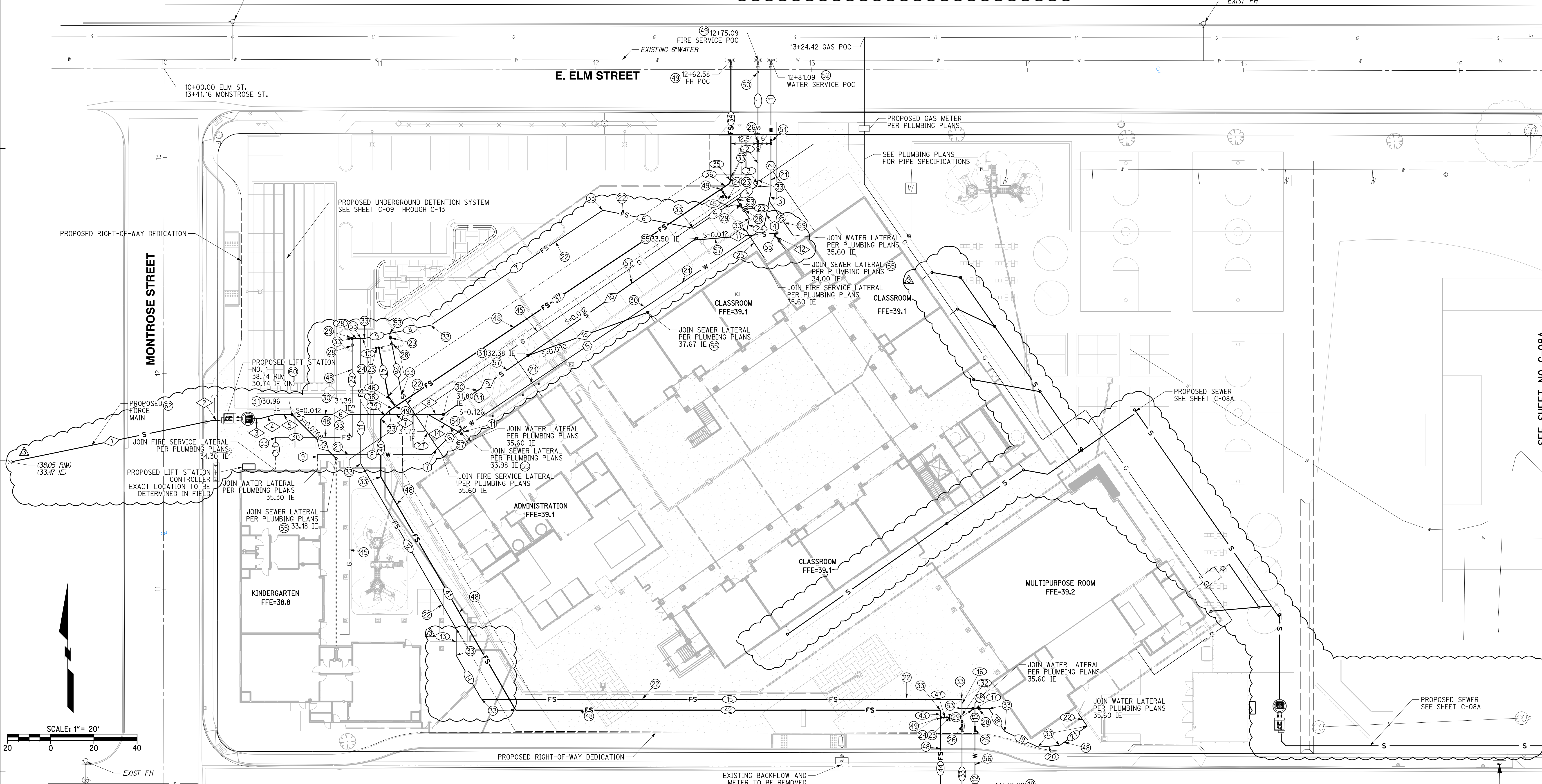
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | | | | |
|---|----------|--|--------|--|--------|
| 21) INSTALL 4" C-900 PVC WATER SERVICE | 250 LF | 28) INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS | 4 EA | 52) INSTALL 6"x6"x4" TEE | 1 EA |
| 22) INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE | 1,000 LF | 29) INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS | 4 EA | 53) INSTALL 8"x8"x8" TEE | 5 EA |
| 23) INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 30) INSTALL 6" SDR-35 PVC SEWER | 600 LF | 54) INSTALL 4"x4"x4" TEE | 1 EA |
| 24) INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 31) INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 13 EA | 55) INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 10 EA |
| 25) INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 | 1 EA | 32) CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 | 2 EA | 56) INSTALL 2.5" COPPER WATER SERVICE | 50 LF |
| 26) INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 | 2 EA | 33) INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 | 30 EA | 57) INSTALL 4" SDR-35 PVC SEWER | 350 LF |
| 27) CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-02 | 1 EA | 40) INSTALL GAS SERVICE BY OTHERS | 850 LF | 58) INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 95 LF |
| | | 48) INSTALL 6" C-900 PVC FIRE SERVICE | 700 LF | 59) INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 25 LF |
| | | 49) INSTALL 6"x6"x6" TEE | 7 EA | 60) INSTALL REMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL | 2 EA |
| | | 50) INSTALL 8" TO 6" REDUCER | 2 EA | 62) INSTALL 3" SCHEDULE 40 PVC FORCE MAIN | 570 LF |
| | | 51) INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 | 1 EA | | |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

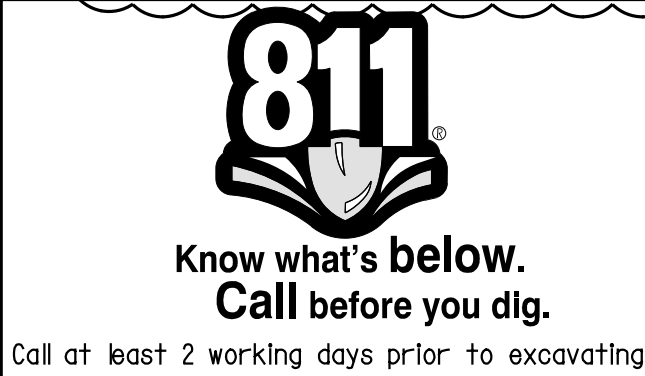
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
▲	BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08A**
 SHEET TITLE:

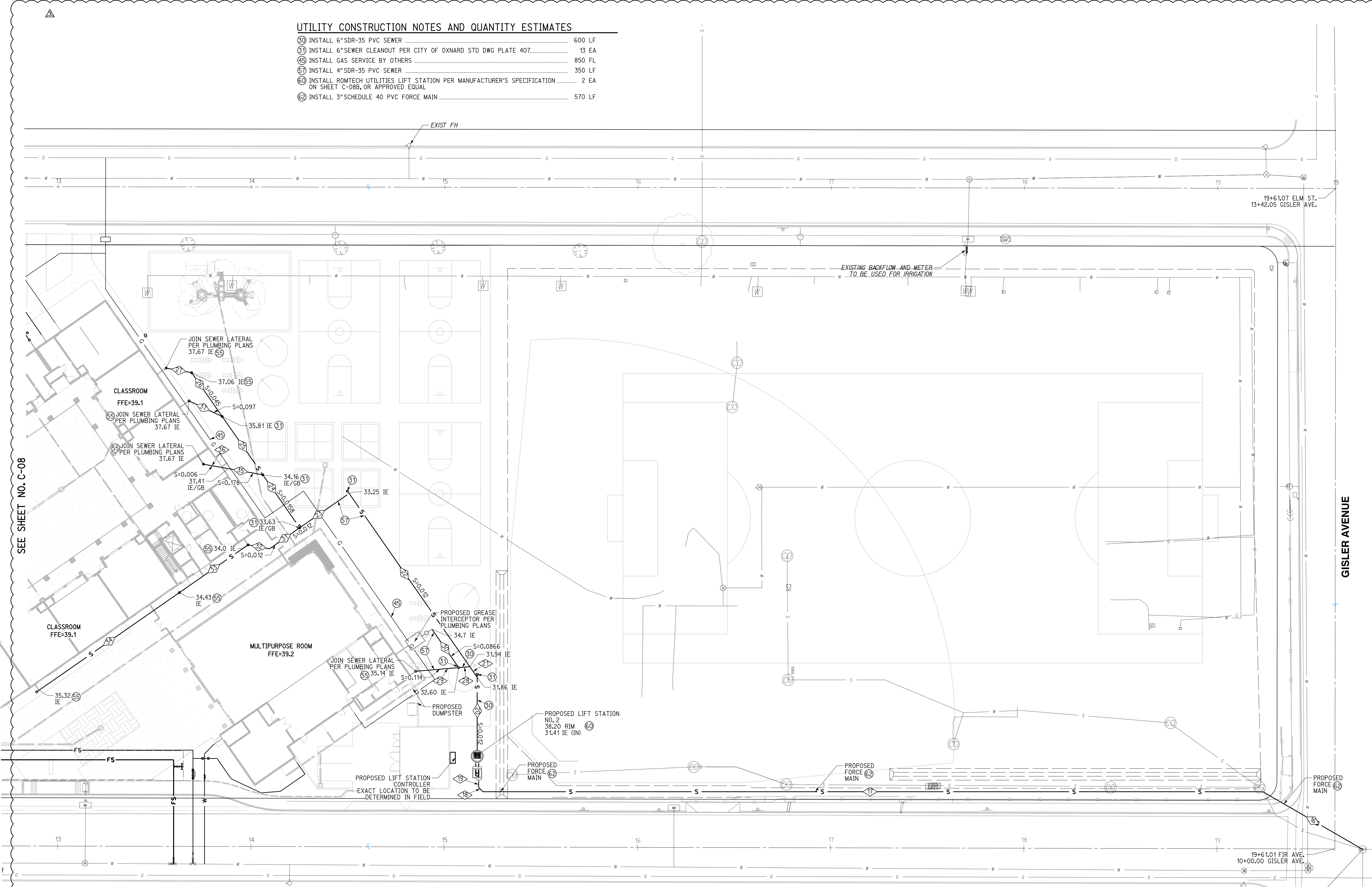
UTILITY PLAN

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

SVA
ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

30	INSTALL 6" SDR-35 PVC SEWER	600 LF
31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
45	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF



SEWER DATA

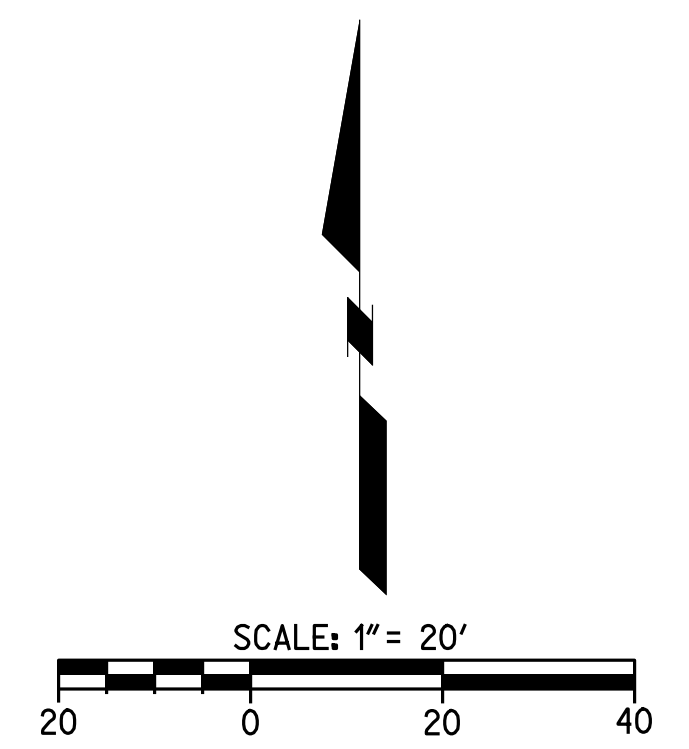
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	3" SCH-40 PVC
17	N 90°00'00" W		403.58'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'26" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 55°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC

811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC: FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-08B

SHEET TITLE:

LIFT STATION DETAILS



San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
RICKENGINEERING.COM



PROJECT INFO: Job Name: Montrose, Company: RICK Engineering Company, Job Type: New Station, Water Type: Wastewater. PACKAGE/STARTUP: Offering: Complete System, Mechanical: Pumps, Control Panel: Control Panel, Startup: Startup.

WET WELL SUMMARY: Diameter: 5 Feet, Barrel: 10 Feet, Inside Height: 11.00 Feet, Storage Depth: 0.00 Feet, Disch. Piping Size: 2", Disch. Piping Type: Straight Through, Disch. Piping Valve: Unlined.

WET WELL TOP: Traffic Rating: H-20 Occasional, Hatch Options: Vent (Cast in top slab), Vent Options: None.

WET WELL BASE: Base: Flat ramp (w/ gravel ramp), Lining: No Lining.

CRANE: Crane Base/Winch: N/A.

FORCE MAIN: ID Length: 3' 0.0, Type/Rating: PVC SCH40, FM High Point: 31.47.

DUTY POINT: Pumping Rate: 230 USGPM (Total), Sump Head: 5.77 Feet, TDH: 32.8 Feet.

PRIMARY PUMPS: Duplex Configuration, Manufacturer: Ebara, Model: 800VBFU62.2, Impeller Model/Dia: 5.45, Motor HP: 3 HP, Voltage/Phase: 480V / 3-Phase, Cable length: 33, Mix Flush Valve: N/A.

ROCKET PUMP: Manufacturer: N/A, Model: 0, Impeller Model/Dia: 0, Motor HP: 0, Voltage/Phase: 0, Cable length: 0, Mix Flush Valve: 0.

VALVE VAULT: Valve Size: 8", Model: Model 506 (E & S), Hatch: H-20 Std, Pressure Gauge: N/A, Check Options: Plain, Shut Off Options: Plug, Direct Op Nut, Options: N/A.

CONTROL PANEL: Power: 480V / 3-Phase, Controller: Alternator, Primary Sensor: 4 Beams, Secondary Sensor: N/A, Enclosure: NEMA 4, Pump/Sense Wiring: Direct, Options: Alarm Beep, Audible Alarm.

GENERATOR: Model: N/A, Enclosure: 0, Transfer Switch: 0, Options: 0, Control Building: Direct, Type: Generator, Options: Audible Alarm.

ROMTEC UTILITIES logo and diagram showing lift station components.

Montrose - PRELIMINARY DESIGN.dwg

PROJECT INFO: Job Name: Fir, Company: RICK Engineering Company, Job Type: New Station, Water Type: Wastewater. PACKAGE/STARTUP: Offering: Complete System, Mechanical: Pumps, Control Panel: Control Panel, Startup: Startup.

WET WELL SUMMARY: Diameter: 5 Feet, Barrel: 7 Feet, Inside Height: 10.00 Feet, Storage Depth: 0.00 Feet, Disch. Piping Size: 2", Disch. Piping Type: Straight Through, Disch. Piping Valve: Unlined.

WET WELL TOP: Traffic Rating: H-20 Occasional, Hatch Options: Vent (Cast in top slab), Vent Options: None.

WET WELL BASE: Base: Flat ramp (w/ gravel ramp), Lining: No Lining.

CRANE: Crane Base/Winch: N/A.

FORCE MAIN: ID Length: 3' 0.0, Type/Rating: PVC SCH40, FM High Point: 34.97.

DUTY POINT: Pumping Rate: 230 USGPM (Total), Sump Head: 5.77 Feet, TDH: 20.8 Feet.

PRIMARY PUMPS: Duplex Configuration, Manufacturer: Ebara, Model: 800VBFU62.2, Impeller Model/Dia: 5.45, Motor HP: 3 HP, Voltage/Phase: 480V / 3-Phase, Cable length: 33, Mix Flush Valve: N/A.

ROCKET PUMP: Manufacturer: N/A, Model: 0, Impeller Model/Dia: 0, Motor HP: 0, Voltage/Phase: 0, Cable length: 0, Mix Flush Valve: 0.

VALVE VAULT: Valve Size: N/A, Model: N/A, Hatch: 0, Pressure Gauge: 0, Check Options: 0, Shut Off Options: 0, Options: 0, Control Building: Direct, Type: Generator, Options: Audible Alarm.

GENERATOR: Model: N/A, Enclosure: 0, Transfer Switch: 0, Options: 0, Control Building: Direct, Type: Generator, Options: Audible Alarm.

ROMTEC UTILITIES logo and diagram showing lift station components.

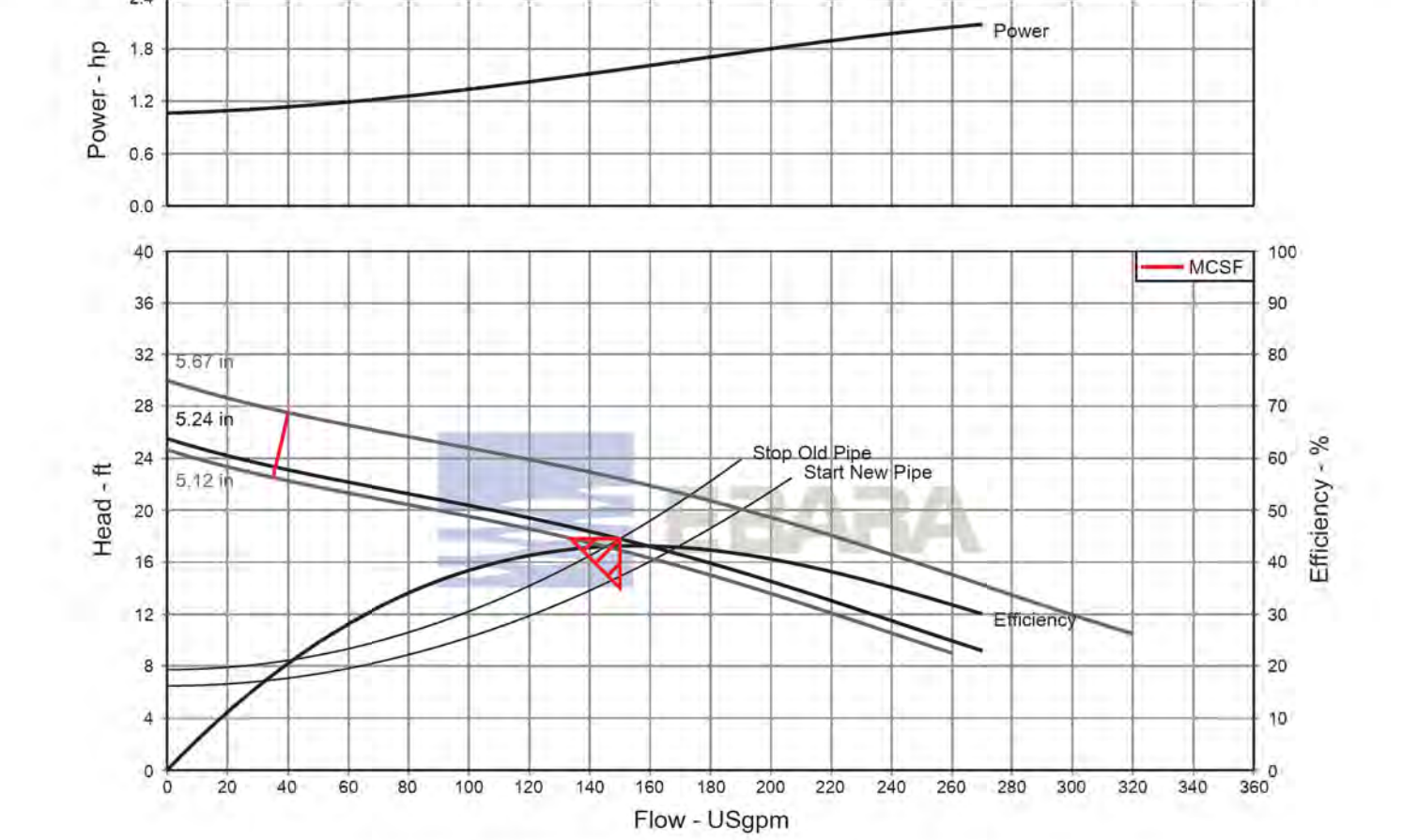
Fir - PRELIMINARY DESIGN.dwg

Ebara Pump Performance Datasheet

Customer Reference: Romtec Utilities, Montrose. Ebara Qstation System 17.1.4.0

Item number: 1	Product Description: 800VBFU62.2
Service: 1	Stages: 1
Quantity: 1	Based on curve number: DV-C607-9204
Quote number: 1	Date last saved: 18 Apr 2017 2:54 PM

Operating Conditions: Flow, rated: 150.0 USGpm; Differential head / pressure, rated (requested): 17.80 ft; Suction pressure, rated / max: 0.00 / 0.00 psi g; NPSH available, rated: Ample; Frequency: 60 Hz; Performance: Speed, rated: 1740 rpm; Impeller diameter, rated: 5.24 in; Impeller diameter, maximum: 5.67 in; Impeller diameter, minimum: 5.12 in; Efficiency: 45.10 %; NPSH required / margin required: < 0.00 ft; N/A (imp. eye flow) / N/A (imp. eye flow); Head, maximum, rated diameter: 25.51 ft; Head rise to shutoff: 43.29 ft; Flow, best eff. point: 155.1 USGpm; Flow ratio, rated / BEP: 96.71 %; Diameter ratio (rated / max): 92.36 %; Head ratio (rated dia / max dia): 179.36 %; Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00; Selection status: Acceptable.



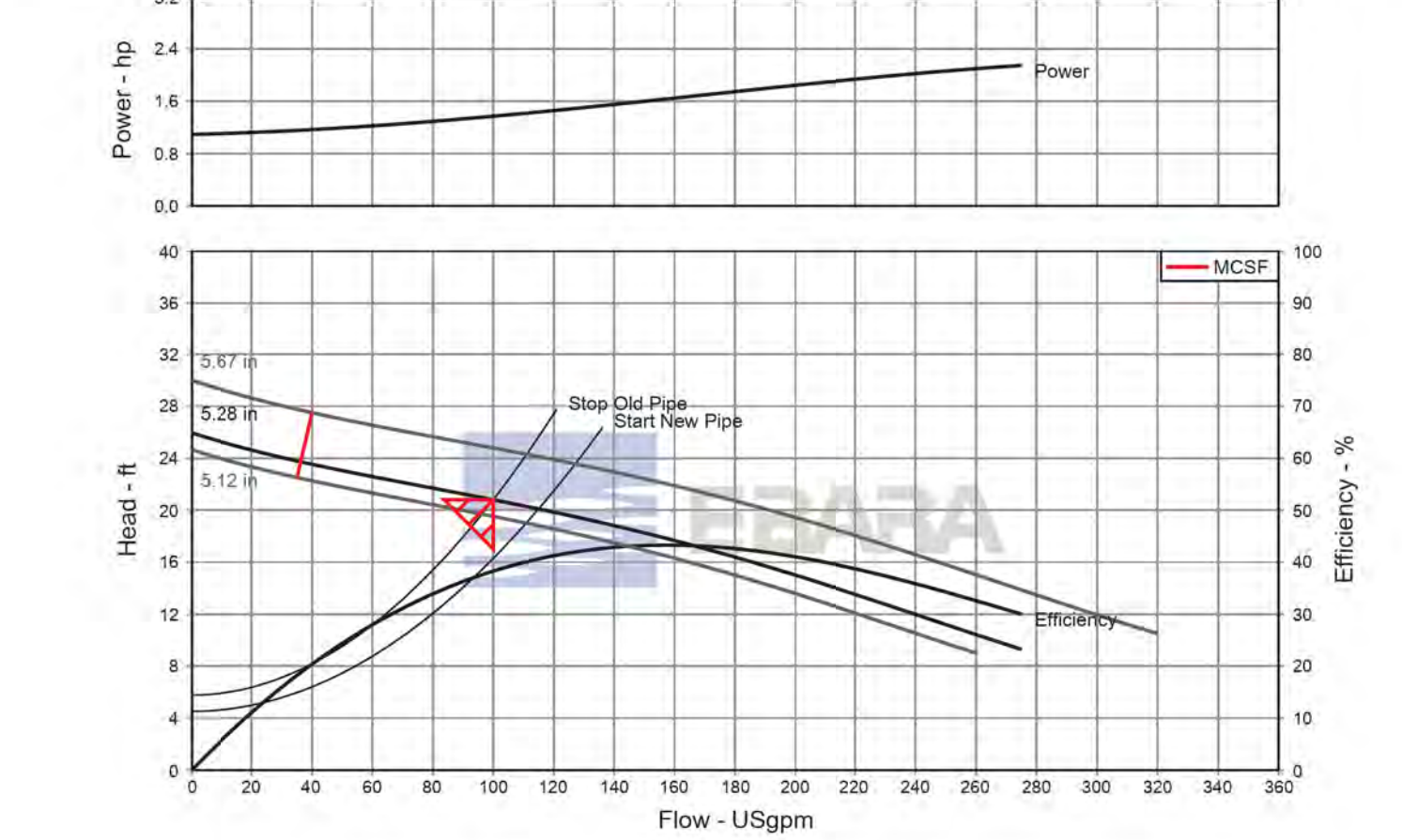
PROPOSED LIFT STATION NUMBER 1

Ebara Pump Performance Datasheet

Customer Reference: Romtec Utilities, Fir. Ebara Qstation System 17.1.4.0

Item number: 1	Product Description: 800VBFU62.2
Service: 1	Stages: 1
Quantity: 1	Based on curve number: DV-C607-9204
Quote number: 1	Date last saved: 18 Apr 2017 2:07 PM

Operating Conditions: Flow, rated: 100.0 USGpm; Differential head / pressure, rated (requested): 20.80 ft; Suction pressure, rated / max: 0.00 / 0.00 psi g; NPSH available, rated: Ample; Frequency: 60 Hz; Performance: Speed, rated: 1740 rpm; Impeller diameter, rated: 5.28 in; Impeller diameter, maximum: 5.67 in; Impeller diameter, minimum: 5.12 in; Efficiency: 38.30 %; NPSH required / margin required: < 0.00 ft; N/A (imp. eye flow) / N/A (imp. eye flow); Head, maximum, rated diameter: 25.95 ft; Head rise to shutoff: 24.74 ft; Flow, best eff. point: 157.3 USGpm; Flow ratio, rated / BEP: 63.58 %; Diameter ratio (rated / max): 93.06 %; Head ratio (rated dia / max dia): 23.91 %; Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00; Selection status: Acceptable.



PROPOSED LIFT STATION NUMBER 2



Know what's below. Call before you dig. Call at least 2 working days prior to excavating.

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

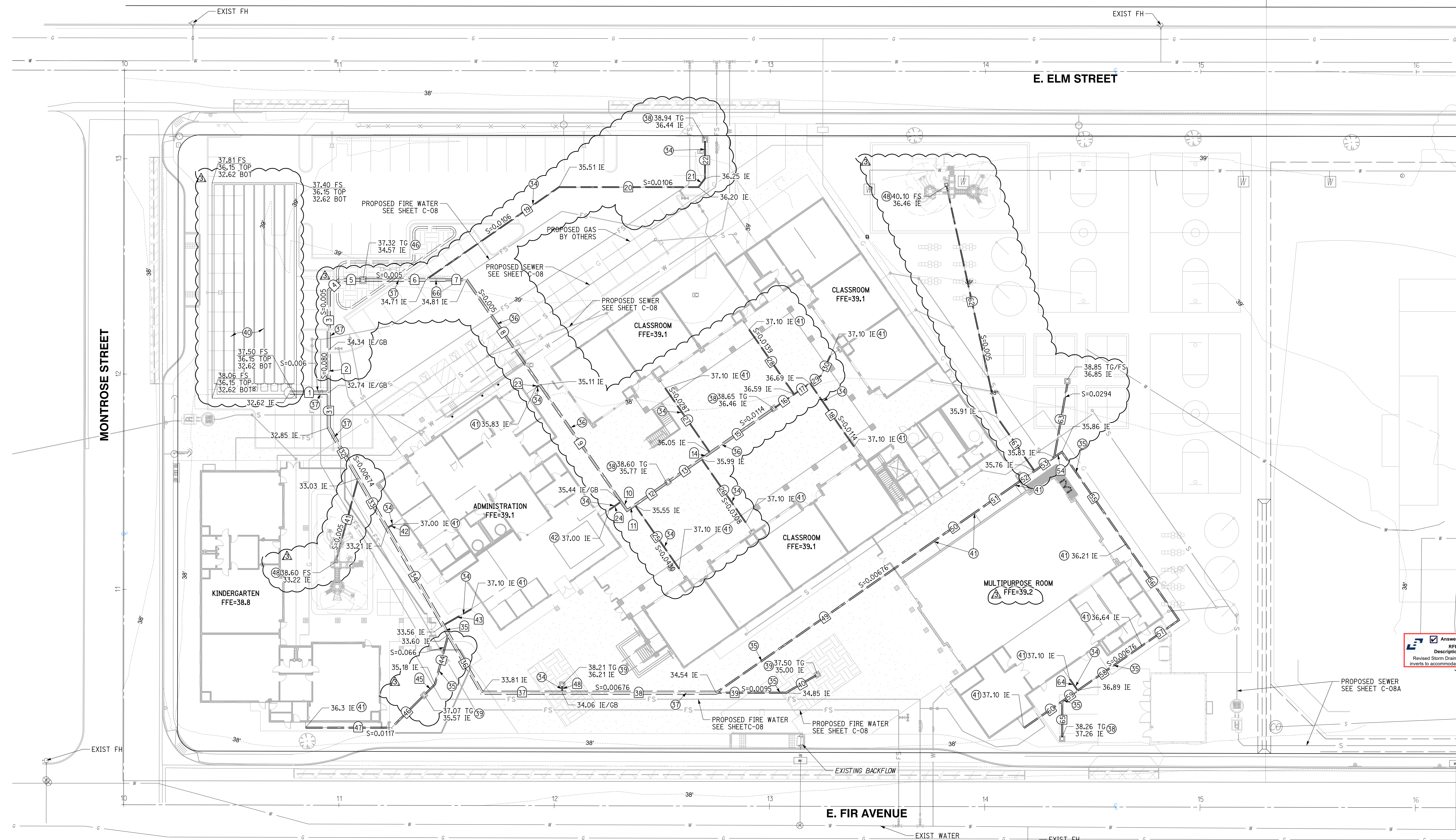
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-09**
 SHEET TITLE:

STORM DRAIN PLAN



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54 INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39 INSTALL 18"x18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55 INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40 INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56 INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41 ROOF DRAIN CONNECTION	18 EA
57 INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42 INSTALL 24"x24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58 INSTALL 18"x18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	43 INSTALL 12"x12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA



STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

STORM DRAIN DATA CONT.

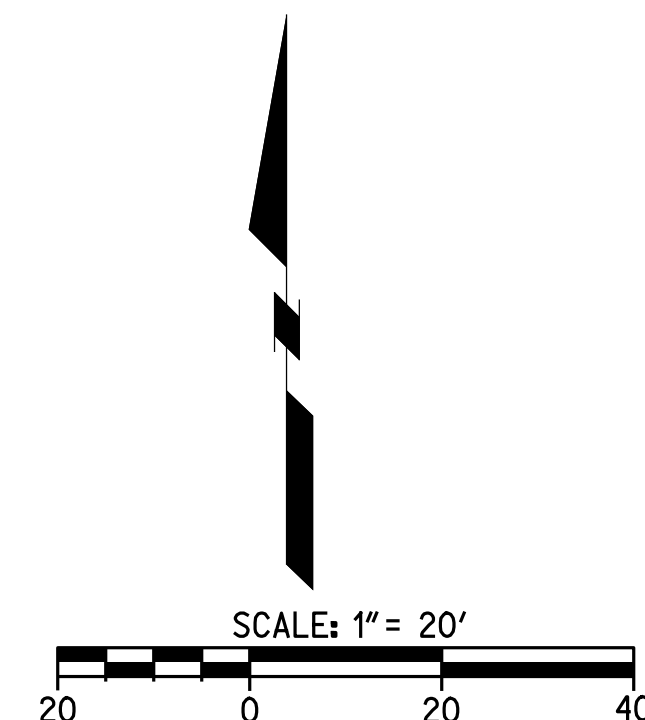
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

STORM DRAIN DATA CONT.

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

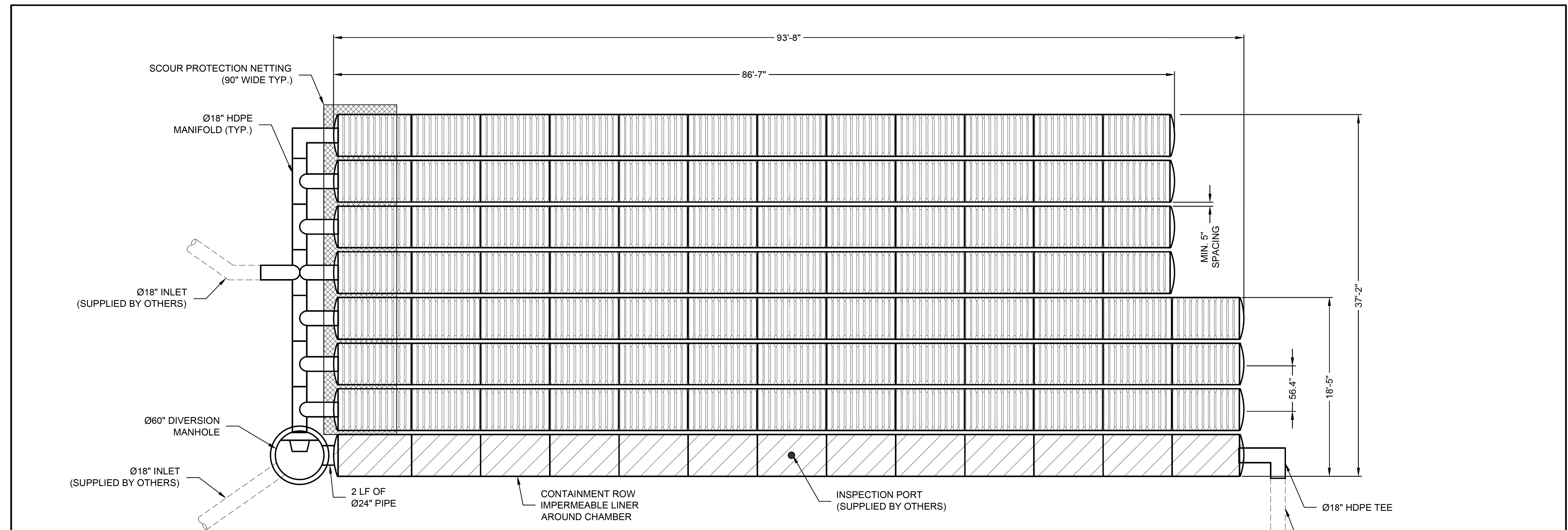
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: **C-10**
 SHEET TITLE:

STORM DRAIN DETAILS

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 1770 IOWA AVENUE
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 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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 PATENT PENDING
 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 4		

811
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

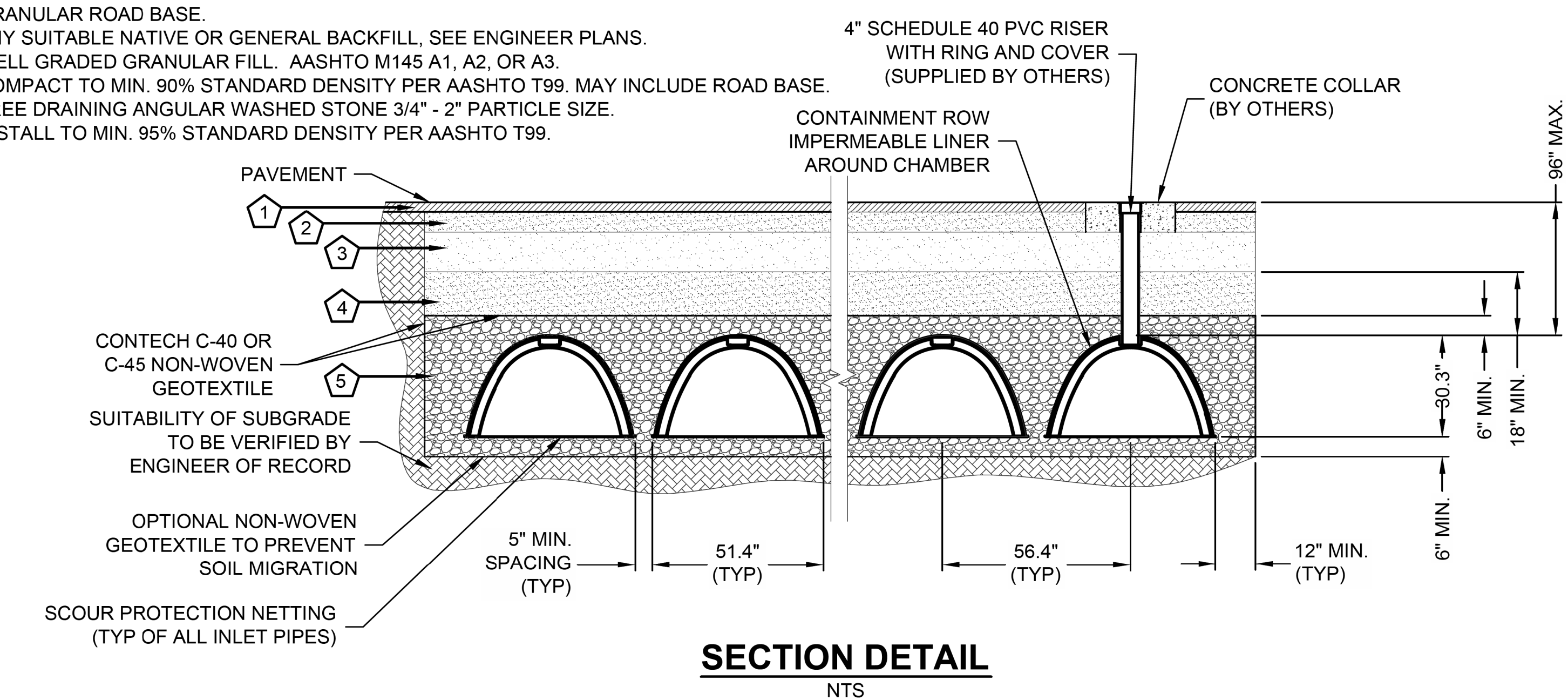
STORM DRAIN DETAILS

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 (FAX) 951.782.0723
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 rickeng@earthlink.net

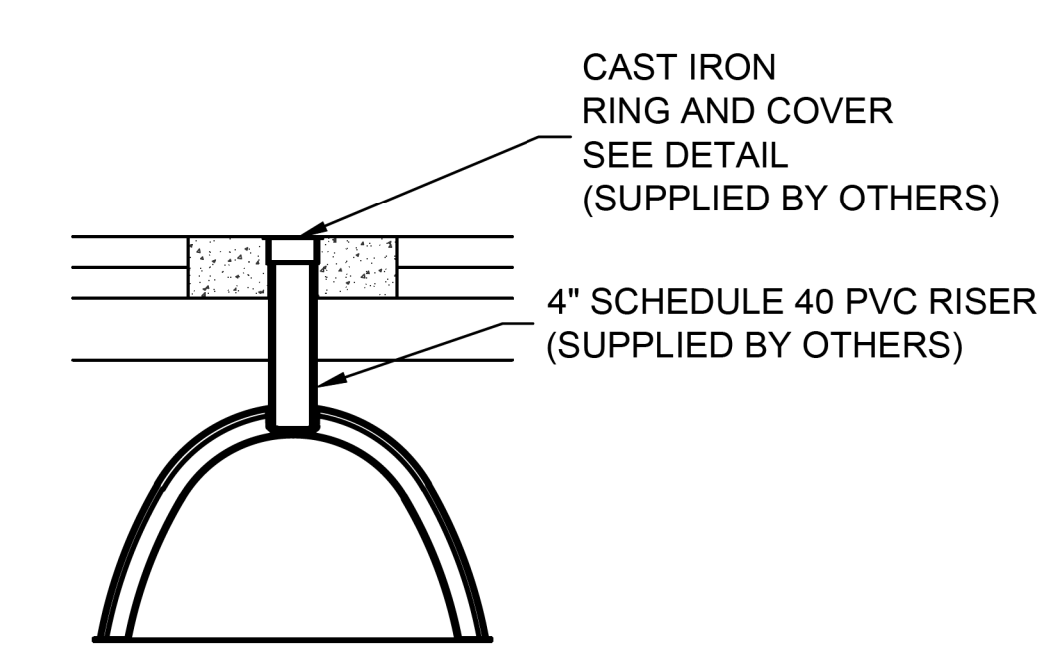
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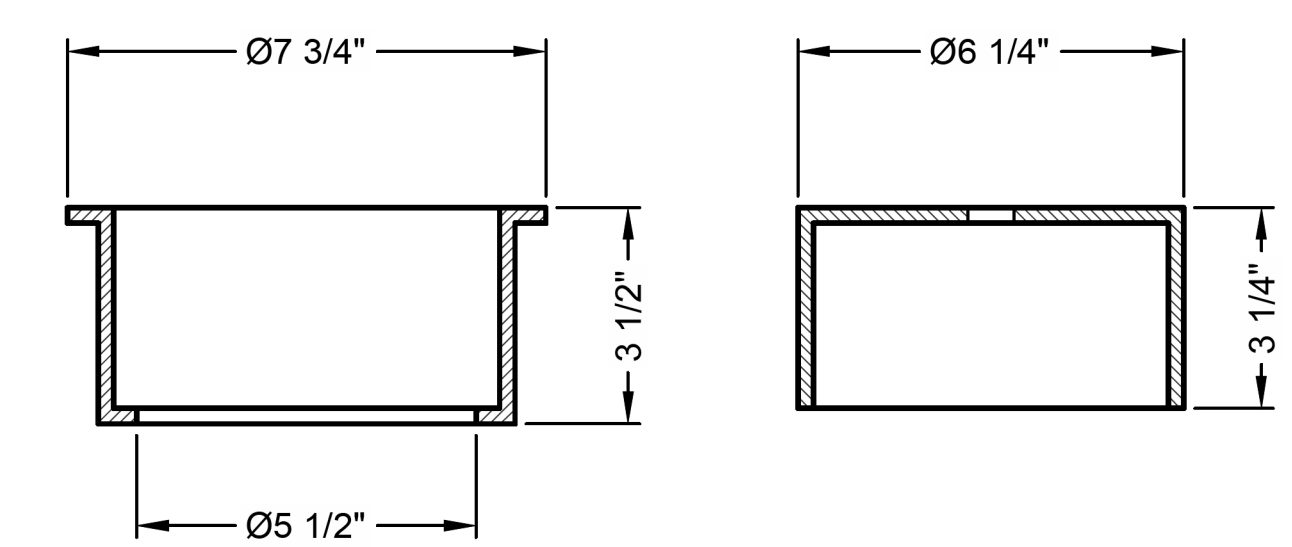
- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.



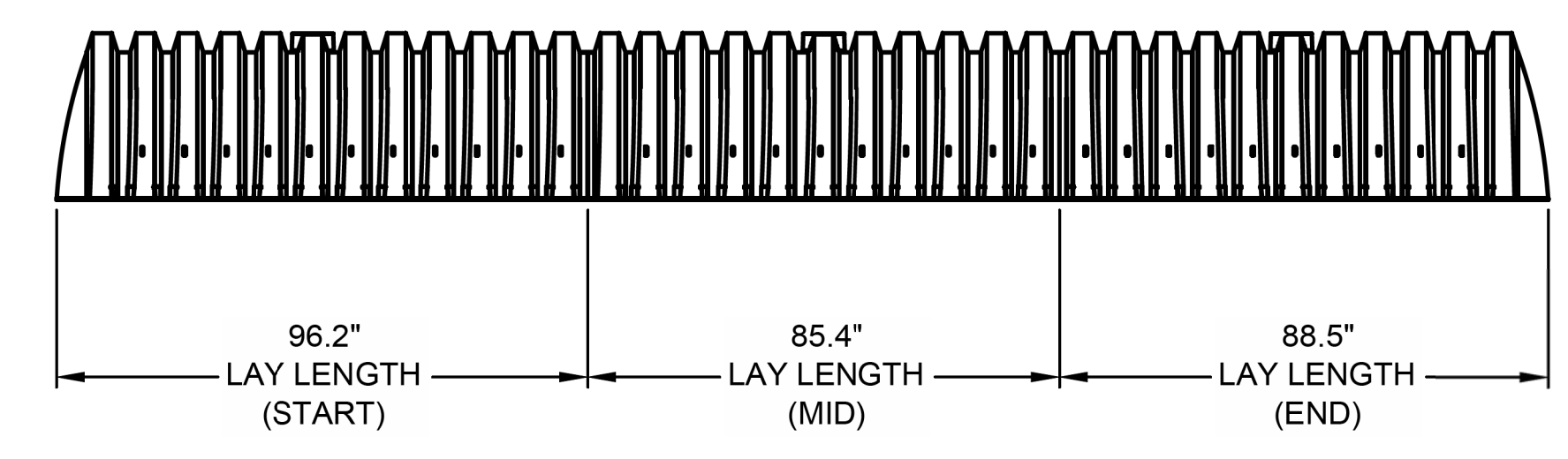
SECTION DETAIL
NTS



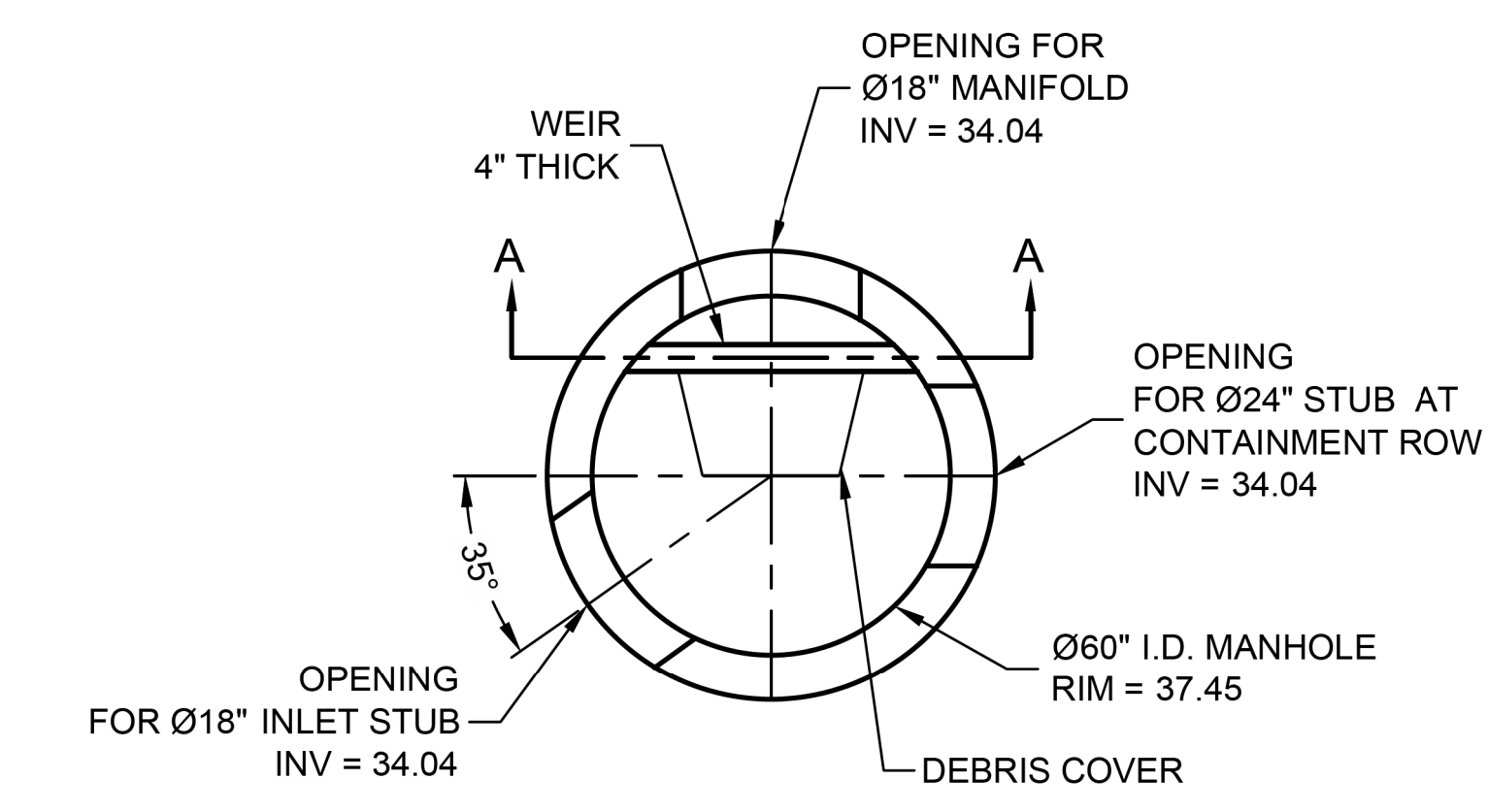
INSPECTION PORT DETAIL
NTS



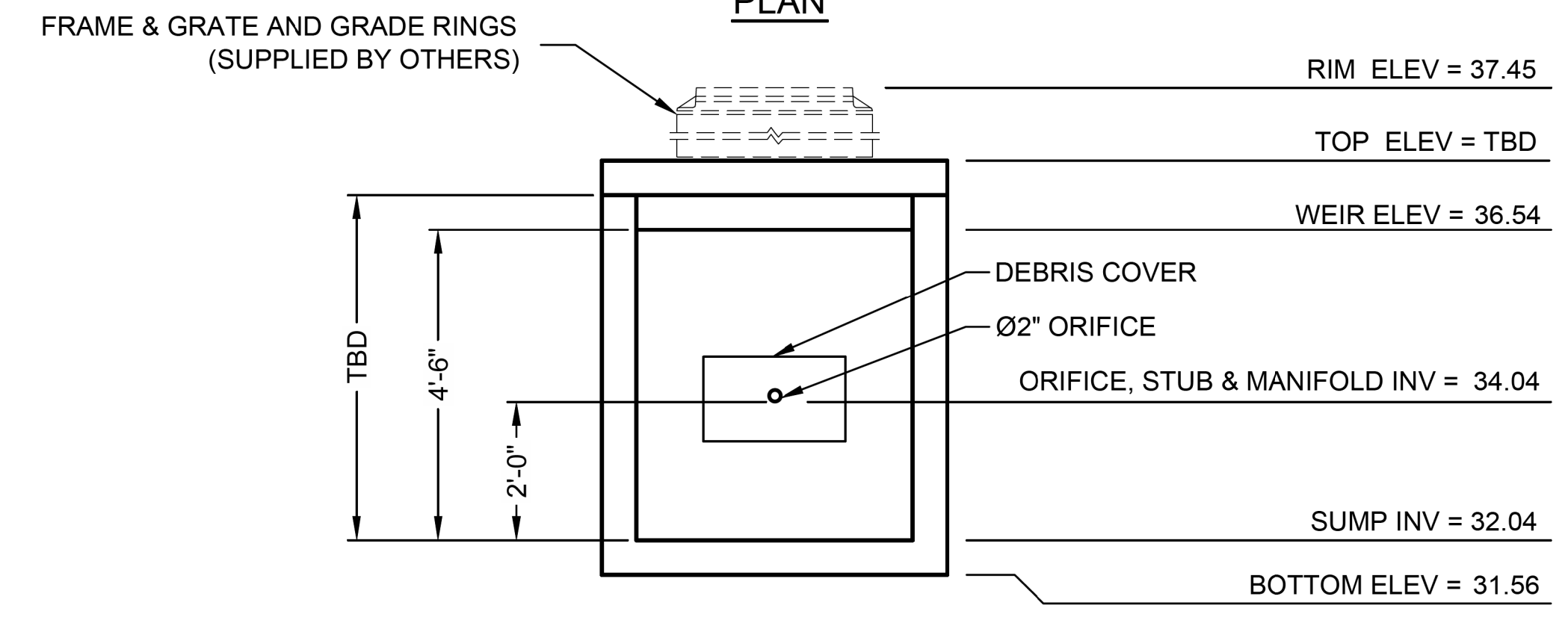
RING AND COVER DETAIL
NTS



TYPICAL ELEVATION VIEW
NTS



PLAN



SECTION A-A
DIVERSION MANHOLE DETAIL
NTS

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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	SEQ. No:	DATE:
512582	010	11/19/2014
DESIGNED:	DRAWN:	
CDH	FCS	
CHECKED:	APPROVED:	
SHEET No:	2 OF 4	

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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
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▲	
▲	
▲	

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-12**
 SHEET TITLE:

STORM DRAIN DETAILS



CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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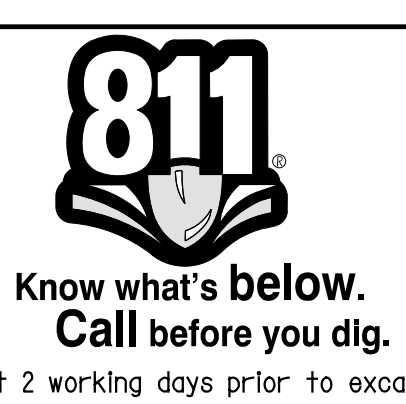
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1	11/09/16	ENGINEER OF RECORD	CLB

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 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS	CHECKED:	APPROVED:
SHEET NO.:	3 OF 4				



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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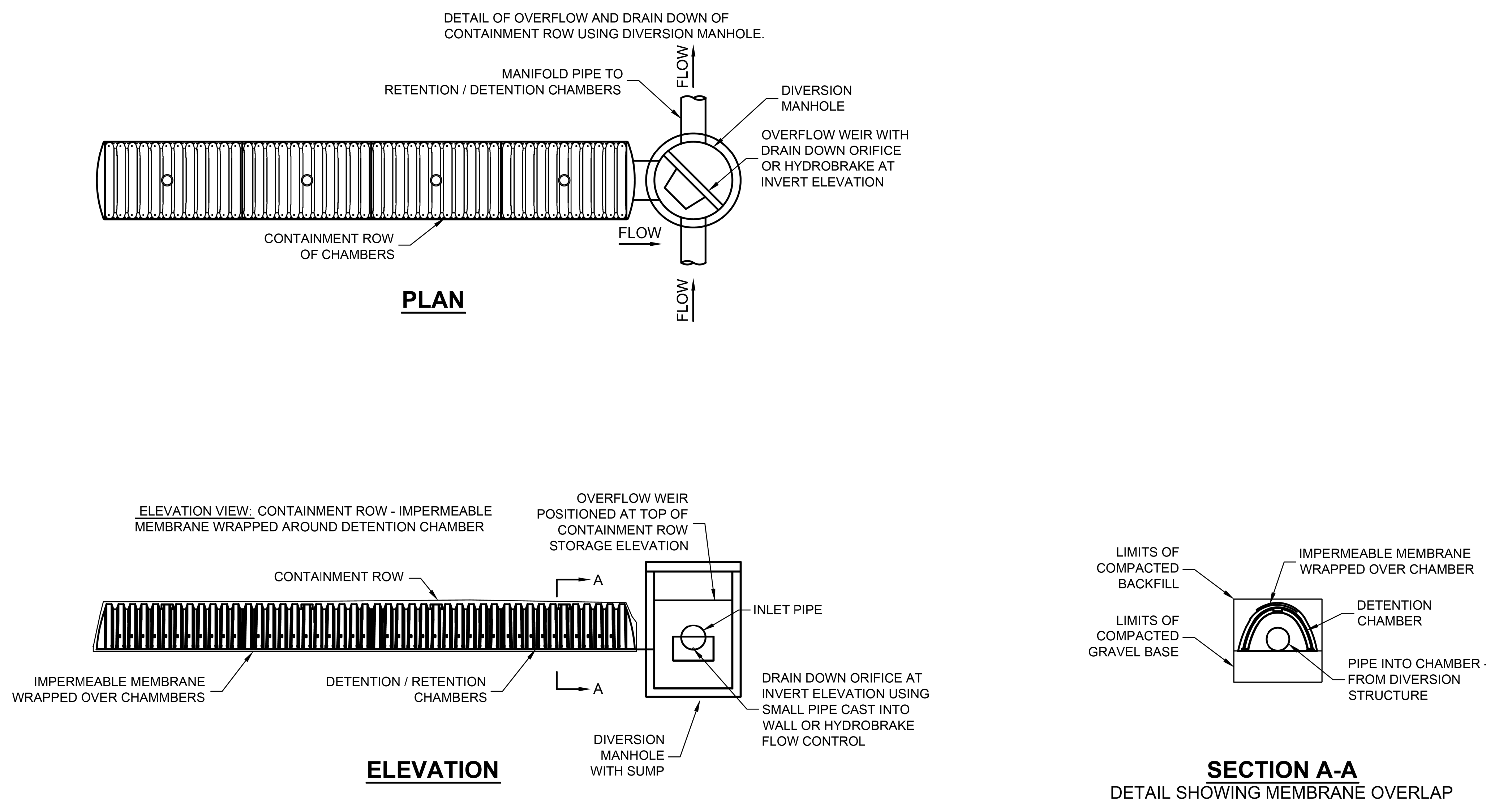
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-13

SHEET TITLE:
STORM DRAIN DETAILS

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CONTAINMENT ROW DETAILS
 NTS

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MARK	DATE				REVISION DESCRIPTION	BY	DESIGNED: CDH
1	11/09/16	ENGINEER OF RECORD	CLB	SHEET NO: 4 OF 4			



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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL

CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA



ROSHANIAN & ASSOCIATES, INC.
ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
TEL: (323) 933-5252 FAX: (323) 933-5589

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DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015

PROJECT NO: 1340159

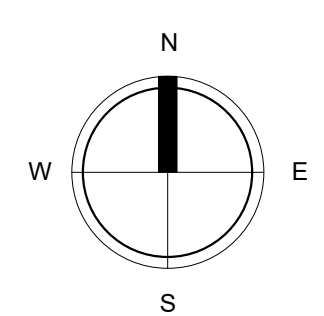
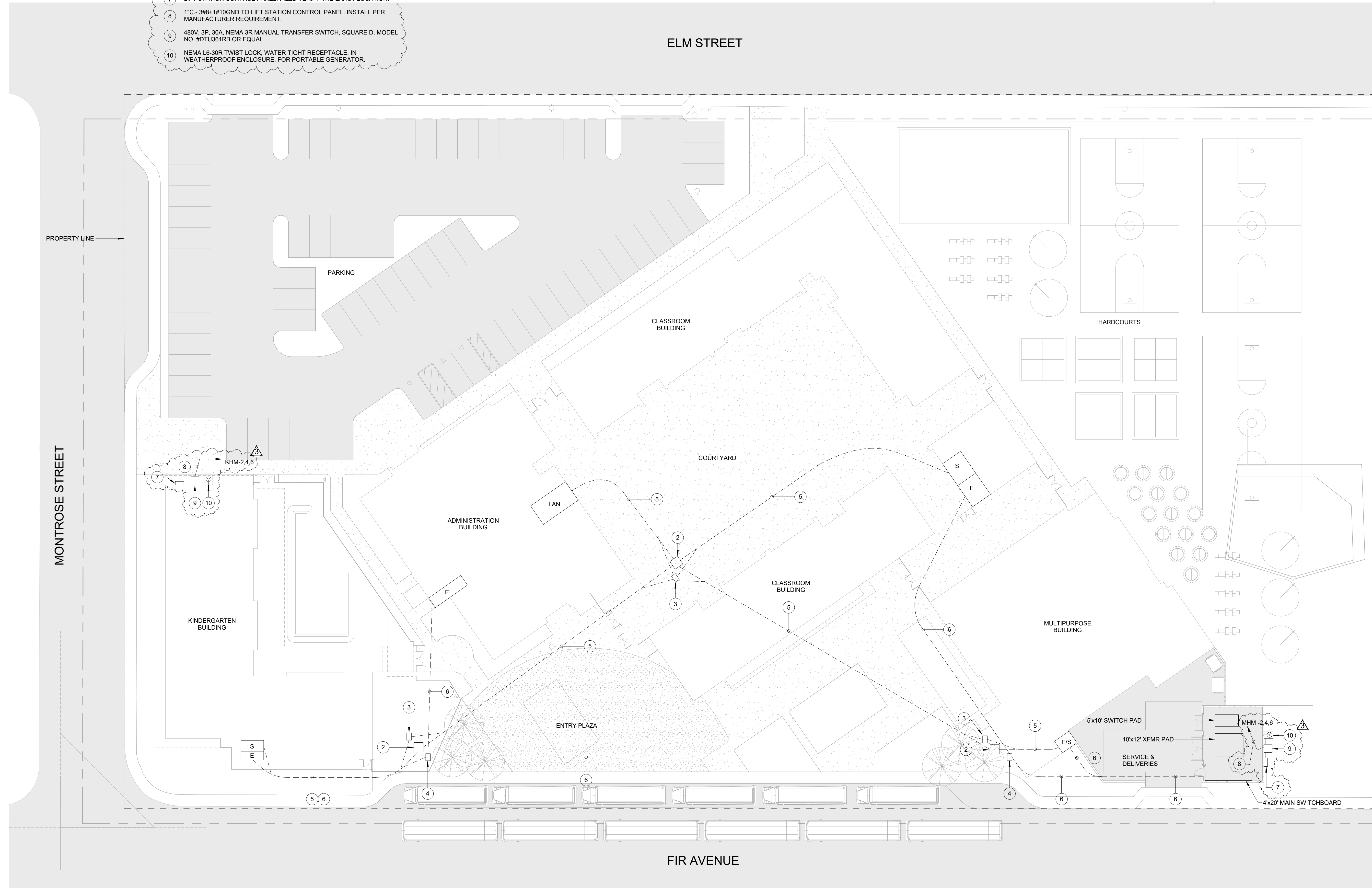
SCALE: 1" = 20'-0"

SHEET NUMBER: E-1.2

SHEET TITLE: ELECTRICAL SITE PLAN

REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
(1) 4"C - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
(1) 2"C - PAINTER COMMUNICATION/TELEPHONE SYSTEM
(1) 2"C - INTRUSION ALARM SYSTEM/CCTV SYSTEM
(1) 2"C - FIRE ALARM SYSTEM
(1) 2"C - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
(1) 2"C - FUTURE SOLAR SYSTEM
(1) 2"C - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
(1) 3"C - FUTURE SOLAR SYSTEM
(1) 2"C - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1"C - 3/85-11/10GND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT.
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



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BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015

PROJECT NO: 1340159

SCALE:

E4-5.1

SHEET NUMBER:

SHEET TITLE:

KINDERGARTEN
PANEL
SCHEDULE



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Branch Panel: KH
 Location: ELEC. RM 4-116 Volts: 480/277 Wye
 Supply From: MS Phases: 3
 Mounting: Surface Wires: 4
 Enclosure: Type 1

A.I.C. Rating:
 Mains Type:
 Mains Rating: 100 A
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	KHM	150 A	3	2271 VA	2401 VA				KHL	2
3		--	--		2271 VA	4374 VA				4
5		--	--			2271 VA	0 VA			6
7	TR-K	50 A	3	6251 VA						8
9		--	--		5280 VA					10
11		--	--			8164 VA				12
13										14
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23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
Total Load:				10924 VA	11925 VA	10435 VA				
Total Amps:				40 A	43 A	38 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	10705 VA	100.00%	10705 VA	Total Conn. Load: 33331 VA Total Est. Demand: 35001 VA Total Conn.: 40 A Total Est. Demand: 42 A
Lighting	6681 VA	125.00%	8351 VA	
Other	216 VA	100.00%	216 VA	
Power	9609 VA	100.00%	9609 VA	
Receptacle	6120 VA	100.00%	6120 VA	

Notes:

Branch Panel: KHL
 Location: ELEC. RM 4-116 Volts: 480/277 Wye
 Supply From: KH Phases: 3
 Mounting: Surface Wires: 4
 Enclosure: Type 1

A.I.C. Rating:
 Mains Type:
 Mains Rating: 100 A
 MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CLASSROOM 4-104 LIGHTING	20 A	1	1971 VA	433 VA				KHE	2
3	CLASSROOM 4-101, 4-102, 4-103 LIGHTING	20 A	1		4374 VA					4
5										6
7										8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
Total Load:				2404 VA	4374 VA	0 VA				
Total Amps:				10 A	17 A	0 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	6681 VA	125.00%	8351 VA	Total Conn. Load: 6822 VA Total Est. Demand: 8492 VA Total Conn.: 8 A Total Est. Demand: 10 A
Other	141 VA	100.00%	141 VA	

Notes:

Branch Panel: KHM
 Location: ELEC. RM 4-116 Volts: 480/277 Wye
 Supply From: KH Phases: 3
 Mounting: Surface Wires: 4
 Enclosure: Type 1

A.I.C. Rating:
 Mains Type:
 Mains Rating: 100 A
 MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CJ-5	50 A	3	942 VA	1330 VA				20 A LIFT STATION CONTROL PANEL (1)	2
3		--	--		942 VA	1330 VA				4
5		--	--							6
7										8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
Total Load:				2271 VA	2271 VA	2271 VA				
Total...				8 A	8 A	8 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2825 VA	100.00%	2825 VA	Total Conn. Load: 5814 VA Total Est. Demand: 5814 VA Total Conn.: 8 A Total Est. Demand: 8 A
Power	3989 VA	100.00%	3989 VA	
Other				

Notes:
 (1) SEE SHEET E-1.2 FOR EXACT LOCATION OF LIFT STATION CONTROL PANEL.

INVERTER: KHE (1KVA)
 Location: ELEC. RM 4-116 Volts: 277 Single
 Supply From: KHL Phases: 1
 Mounting: Surface Wires: 2
 Enclosure: Type 2

A.I.C. Rating:
 Mains Type:
 Mains Rating: 400 A
 MCB Rating: 25 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	EXTERIOR BUILDING LIGHTING	1	400 A	20 A	433 VA	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
Total Conn. Load:					438 VA	
Total Amps:					2 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	297 VA	125.00%	371 VA	Total Conn. Load: 438 VA Total Est. Demand: 512 VA Total Conn.: 2 A Total Est. Demand: 2 A
Other	141 VA	100.00%	141 VA	

Notes:

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

Branch Panel: MH

Location: ELECTRICAL ROOM 2-102 Volts: 480/277 Wye A.I.C. Rating:
 Supply From: MS Phases: 3 Mains Type:
 Mounting: Surface Wires: 4 Mains Rating: 225 A
 Enclosure: Type 1 MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	MHL	100 A	3	573 VA	21495 VA				MHM	2
3	--	--	--		2908 VA	21495 VA				4
5	--	--	--							6
7	TR-M	125 A	3	31140 VA						8
9	--	--	--		26465 VA					10
11	--	--	--			26577 VA				12
13	--	--	--							14
15	--	--	--							16
17	--	--	--							18
19	--	--	--							20
21	--	--	--							22
23	--	--	--							24
25	--	--	--							26
27	--	--	--							28
29	--	--	--							30
31	--	--	--							32
33	--	--	--							34
35	--	--	--							36
37	--	--	--							38
39	--	--	--							40
41	--	--	--							42
		Total Load:		53208 VA	50868 VA	49075 VA				
		Total Amps:		193 A	185 A	177 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	70145 VA	100.00%	70145 VA	Total Conn. Load: 153181 VA Total Est. Demand: 126863 VA Total Conn.: 164 A Total Est. Demand: 153 A
Kitchen Equipment - Non-Dwelling Unit	14966 VA	65.00%	9728 VA	
Lighting	4215 VA	125.00%	5269 VA	
Other	3443 VA	100.00%	3443 VA	
Power	20484 VA	65.00%	13315 VA	
Receptacle	39929 VA	62.52%	24964 VA	

Notes:

Branch Panel: MHM

Location: ELECTRICAL ROOM 2-102 Volts: 480/277 Wye A.I.C. Rating:
 Supply From: MH Phases: 3 Mains Type:
 Mounting: Surface Wires: 4 Mains Rating: 225 A
 Enclosure: Type 1 MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	AC-2	25 A	3	3767 VA	1330 VA				LIFT STATION CONTROL PANEL (1)	2
3	--	--	--		3767 VA	1330 VA				4
5	--	--	--							6
7	AC-3	45 A	3	8199 VA						8
9	--	--	--			8199 VA				10
11	--	--	--						8199 VA	12
13	AC-4	45 A	3	8199 VA						14
15	--	--	--		8199 VA					16
17	--	--	--						8199 VA	18
19	--	--	--							20
21	--	--	--							22
23	--	--	--							24
25	--	--	--							26
27	--	--	--							28
29	--	--	--							30
31	--	--	--							32
33	--	--	--							34
35	--	--	--							36
37	--	--	--							38
39	--	--	--							40
41	--	--	--							42
		Total Load:		21495 VA	21495 VA	21495 VA				
		Total Amps:		78 A	78 A	78 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	60497 VA	100.00%	60497 VA	Total Conn. Load: 64486 VA Total Est. Demand: 64486 VA Total Conn.: 78 A Total Est. Demand: 78 A
Receptacle	3989 VA	100.00%	3989 VA	

Notes:
 (1) REFER TO SHEET E-1.2 FOR LOCATION OF LIFT STATION CONTROL PANEL

Branch Panel: MHL

Location: ELECTRICAL ROOM 2-102 Volts: 480/277 Wye A.I.C. Rating:
 Supply From: MH Phases: 3 Mains Type:
 Mounting: Surface Wires: 4 Mains Rating: 125 A
 Enclosure: Type 1 MCB Rating: 125 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	MHE	25 A	1	495 VA	81 VA				EXTERIOR LIGHTING	2
3	KITCHEN, PRESENTATION, STORAGE...	20 A	1		2875 VA	35 VA			EXIT SIGN	4
5	--	--	--						1003 VA	6
7	--	--	--							8
9	--	--	--							10
11	--	--	--							12
13	--	--	--							14
15	--	--	--							16
17	--	--	--							18
19	--	--	--							20
21	--	--	--							22
23	--	--	--							24
25	--	--	--							26
27	--	--	--							28
29	--	--	--							30
31	--	--	--							32
33	--	--	--							34
35	--	--	--							36
37	--	--	--							38
39	--	--	--							40
41	--	--	--							42
		Total Load:		576 VA	2910 VA	1003 VA				
		Total Amps:		2 A	11 A	4 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	4215 VA	125.00%	5269 VA	Total Conn. Load: 4514 VA Total Est. Demand: 5568 VA Total Conn.: 5 A Total Est. Demand: 7 A
Other	299 VA	100.00%	299 VA	

Notes:

INVERTER: MHE (1KVA)

Location: ELECTRICAL ROOM 2-102 Volts: 277 Single A.I.C. Rating:
 Supply From: MHL Phases: 1 Mains Type:
 Mounting: Surface Wires: 2 Mains Rating: 25 A
 Enclosure: MCB Rating: 25 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	GYMNASIUM EMER LIGHTING	1	400 A	20 A	170 VA	
2	EXTERIOR BUILDING EMER LIGHTING	1	400 A	20 A	325 VA	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
					Total Conn. Load:	498 VA
					Total Amps:	2 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	199 VA	125.00%	249 VA	Total Conn. Load: 498 VA Total Est. Demand: 548 VA Total Conn.: 2 A Total Est. Demand: 2 A
Other	299 VA	100.00%	299 VA	

Notes:



ROSHANIAN & ASSOCIATES, INC.
 ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
 6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
 TEL: (323) 933-5252 FAX: (323) 933-5589

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 A# 03-116407
 AC FLS SS
 DATE _____

REVISIONS:

DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015
 PROJECT NO: 1340159
 SCALE:
E2-5.1
 SHEET NUMBER:
 SHEET TITLE:

**MULTI-PURPOSE
 PANEL
 SCHEDULE**



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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INFO@ROMTECUTILITIES.COM



Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

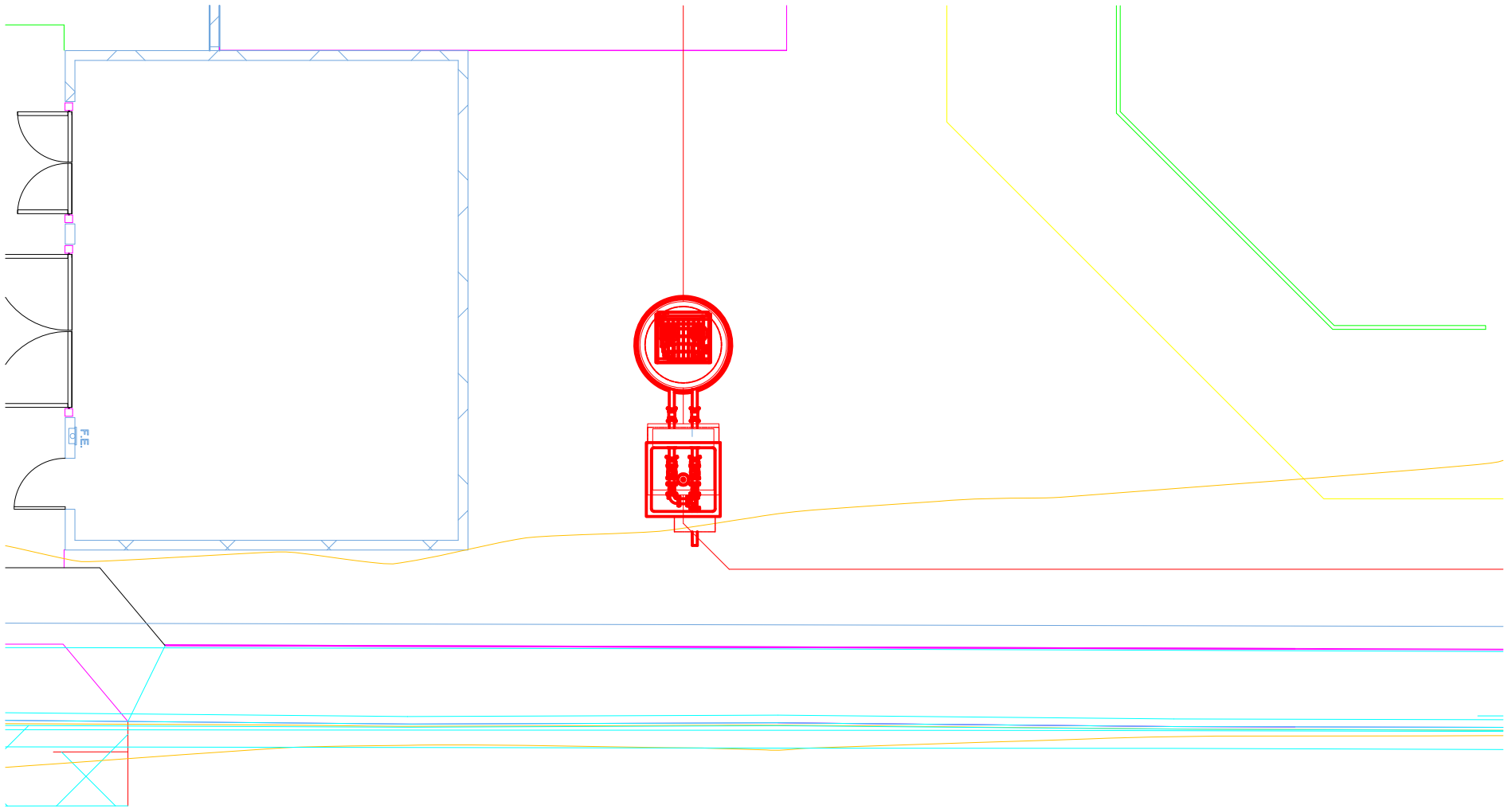
2.9 Exclusions

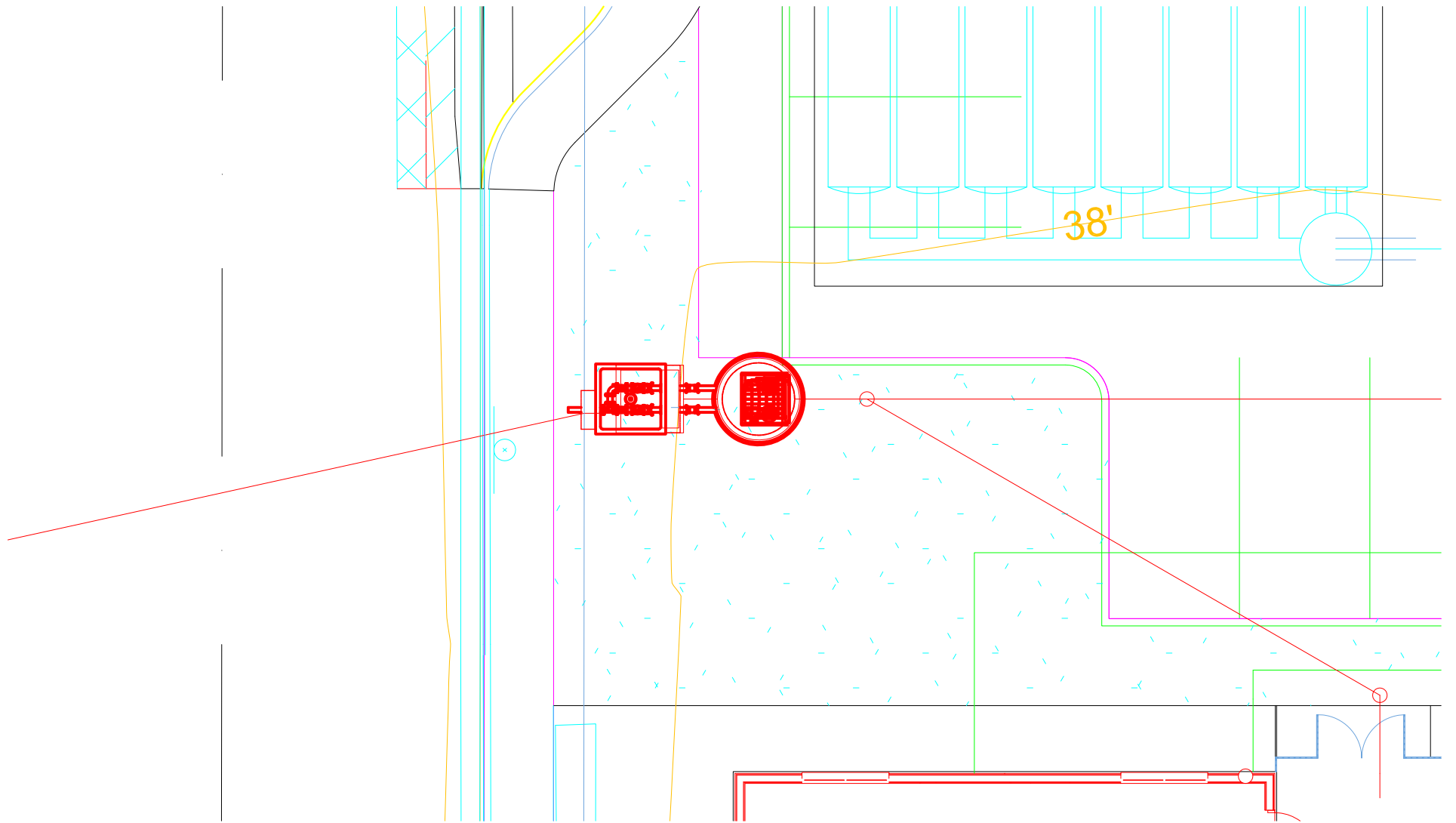
- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable







CHANGE ORDER REQUEST

COR No. 33 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3, 3.1 Storm Drain

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost for additional storm drain as called for in Bulletin 3 and 3.1.	J Vega Engineering Inc	25,207
Reason: Storm drain system needed to be completely redesigned because of conflicts between to zone of influence and storm drain as shown in the original contract documents.		
Requested By: SVA Architects		
Ref: Bulletin 3 and 3.1		
		Subtotal:
		25,207
Contractual Costs		
Overhead 15%		3,781
		Subtotal:
		3,781
Total Change Order Request Amount:		28,988

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved - Jennifer McIsaac
CFW Prog. Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 6-03-2017
CHANGE ORDER: 005

CHANGE ORDER FOR STORM DRAIN

To

Bernards Bros.
 555 First Street
 San Fernando, CA 91340
 818-898-1521
 Customer ID ABC12345

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
100						Elm Elementary School

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT & TOOLS	TOTAL
1	Install additional 38.91 L.F. of 6" HDPE Storm drain lateral and tie in with new 24"x24"x6" tee. Located in front of Kinder garden classroom Pg. C-09. #41 PER Bulletin 3.1 (This additional lateral was added per upgrated revisions of Bulletin 3.1.)	Laborer; 12.00 hrs. @ \$62.47 T: \$749.64 Operator: 8.00 hrs. @ \$83.57 T: \$668.56 Total: \$1,418.20	Pipe and fittings: \$1,631.80 Fill Sand: \$200.00 Total: \$1,831.80	Backhoe/day: \$350.00 Truck & tools: \$445.00 Pipe lazer & saw: \$195.00 Total: \$990.00	\$4,240.00
2	Install additional 145 L.F. 6" HDPE storm drain lateral w/ 12X12 Brooks catch basin (N.E. of MPR Room at #62 and 363 Pg. C-09. Per Bulletin 3.1 revised.	Laborer: 38.00 hrs. @ \$62.47 T: \$ 2,373.86 Operator: 32.00 hrs. \$ 83.57 T; \$ 2,674.24 Total: \$5,048.10	Pipe and fittings: \$1,825.40 Fill sand: \$655.00 12"x12" catch basin: \$846.50 Total: \$3,326.90	Backhoe/ 2 day: \$350.00/2 days T: \$700.00 Truck & tools: \$445.00/2 days T: \$890.00 Pipe Lazer \$ saw: \$195.00/2 day: \$390.00 Total: \$1,980.00	\$10,355.00

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT & TOOLS	TOTAL
3	Install additional (2) 12"x12" HDPE elbows to fix odd angle point Pg. C-09 for alignment purposes.	Laborer: 6.00 hrs. @ \$62.47 T: \$374.82 Operator: 3.00 hrs. @ \$83.57 T: \$ 250.71 Total: \$625.53	2- 12" HDPE elbows. \$338.47 Total: \$338.47	Backhoe: \$129.00 Truck & tools: \$165.00 Total: \$294.00	\$1,258.00
4	Geo grid repair on 24" HDPE pipe, per soils architect recommendations. Provide 9 C.Y. of concrete over 18" HDPE pipe west of Adment building, per architect recommendations. Pg. C-09. #34 (This additional material was installed to reinforce disrupted gio grid due to conflict with Storm drain pipe elevations)	Laborer: 22.00 hrs. @ 62.53 T: \$1,375.66 Operator: 18.00 hrs. @ \$83.57 T: \$ 1,504.26 Total: \$2,879.92	9 C.Y. concrete: \$1,080.00 geo grid: \$326.08 Total: \$1,406.08	Backhoe/2 day: \$350.00 T: \$700.00 Truck & tools: 2 days @ \$445.00 T: \$890.00 Plate compactor: \$95.00/2 day T: \$190.00 Total: \$1,780.00	\$6,066.00
				Subtotal	\$21,919.00
				Mark up 15%	\$3,287.85
				Invoice Total:	\$25,206.85

Make all checks payable to J. VEGA ENGINEERING, INC.

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Laborer (Group 3)
Date:	6/23/2017	Classification:	Journeyman
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

3 MacArthur Place, Suite 850
Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company





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DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC _____ FLS _____ SS _____
DATE _____

REVISIONS:

DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
▲	
▲	
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▲	
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-02

SHEET TITLE:

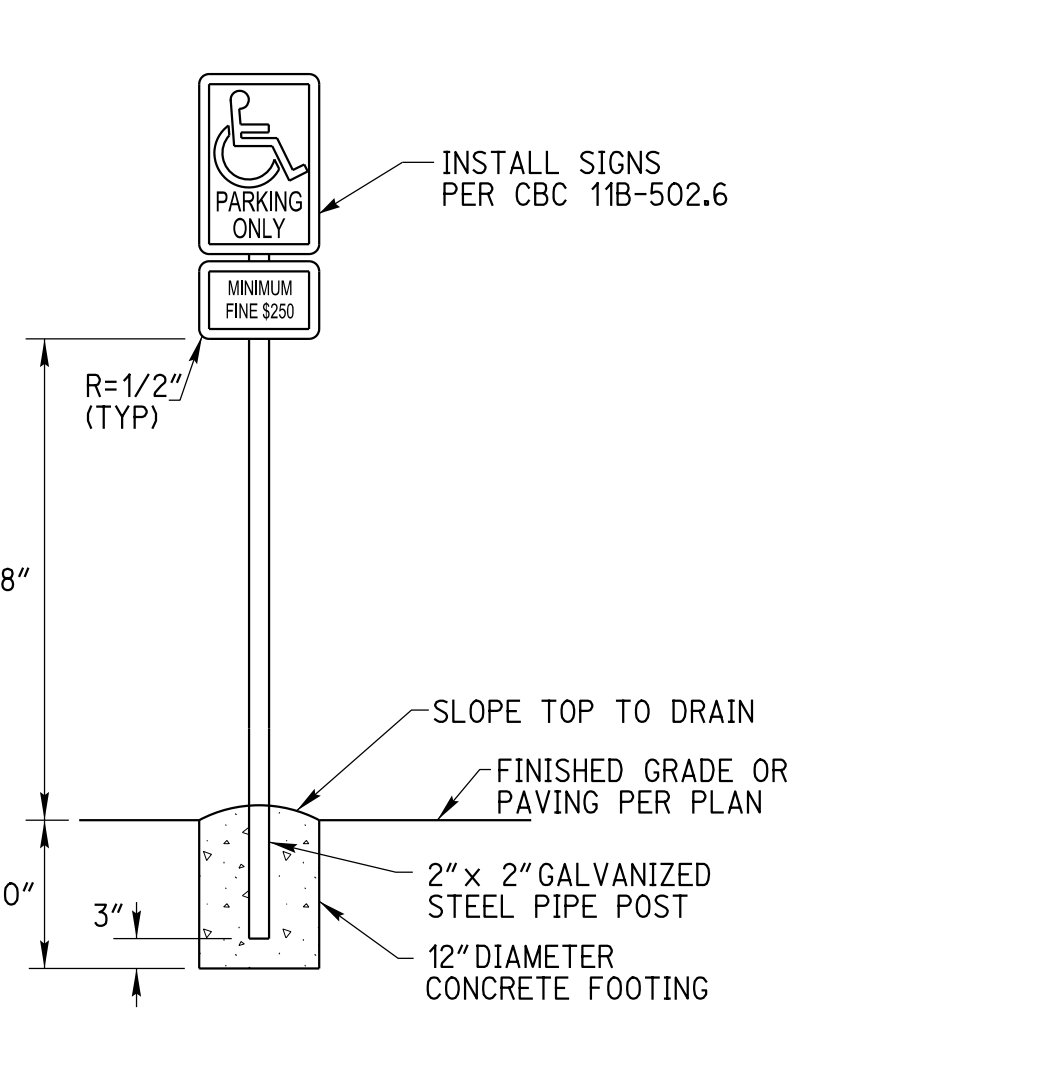
DETAIL SHEET



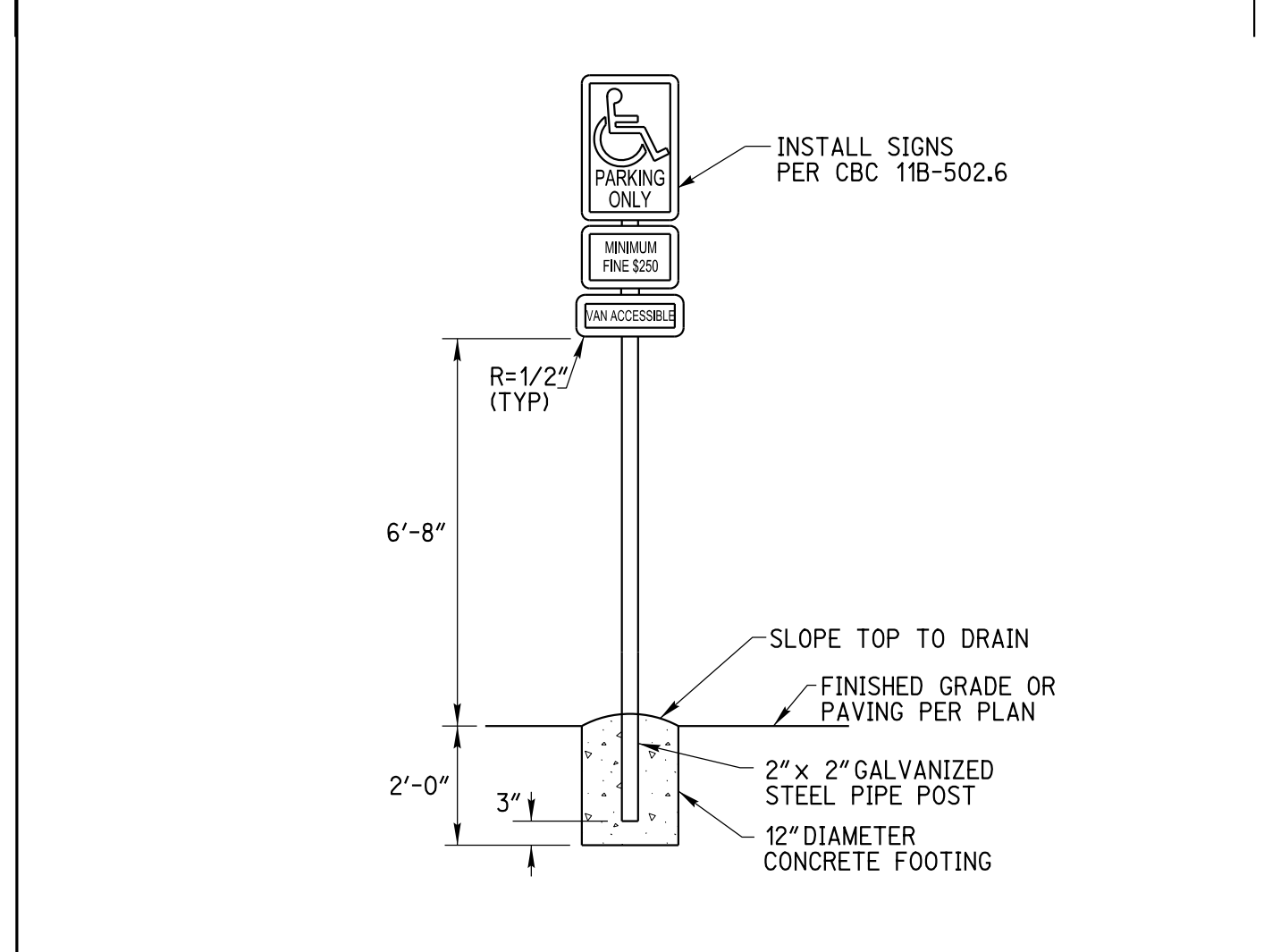
1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
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San Diego - Orange - San Luis Obispo
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ricksgengineering.com



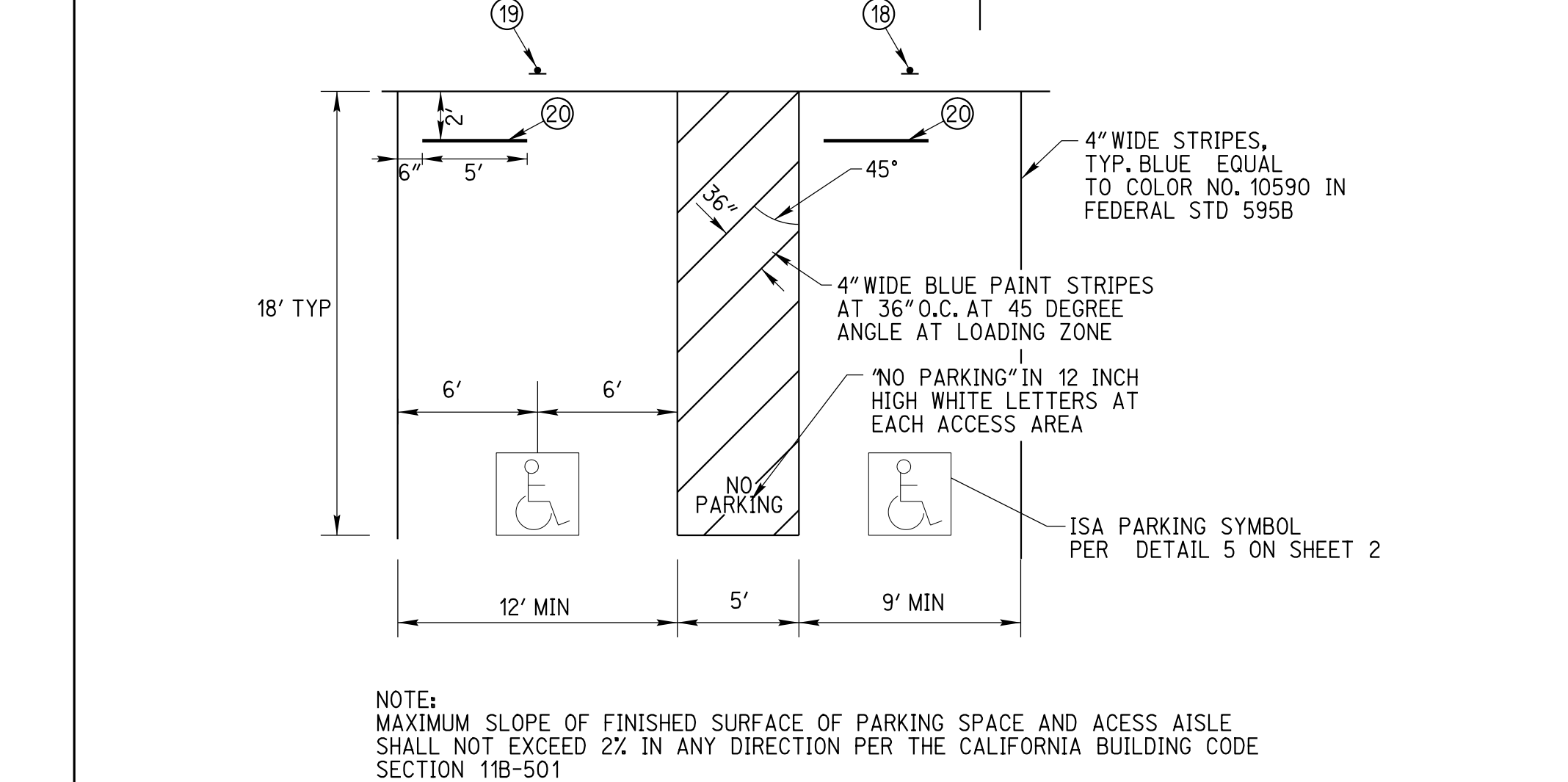
3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM



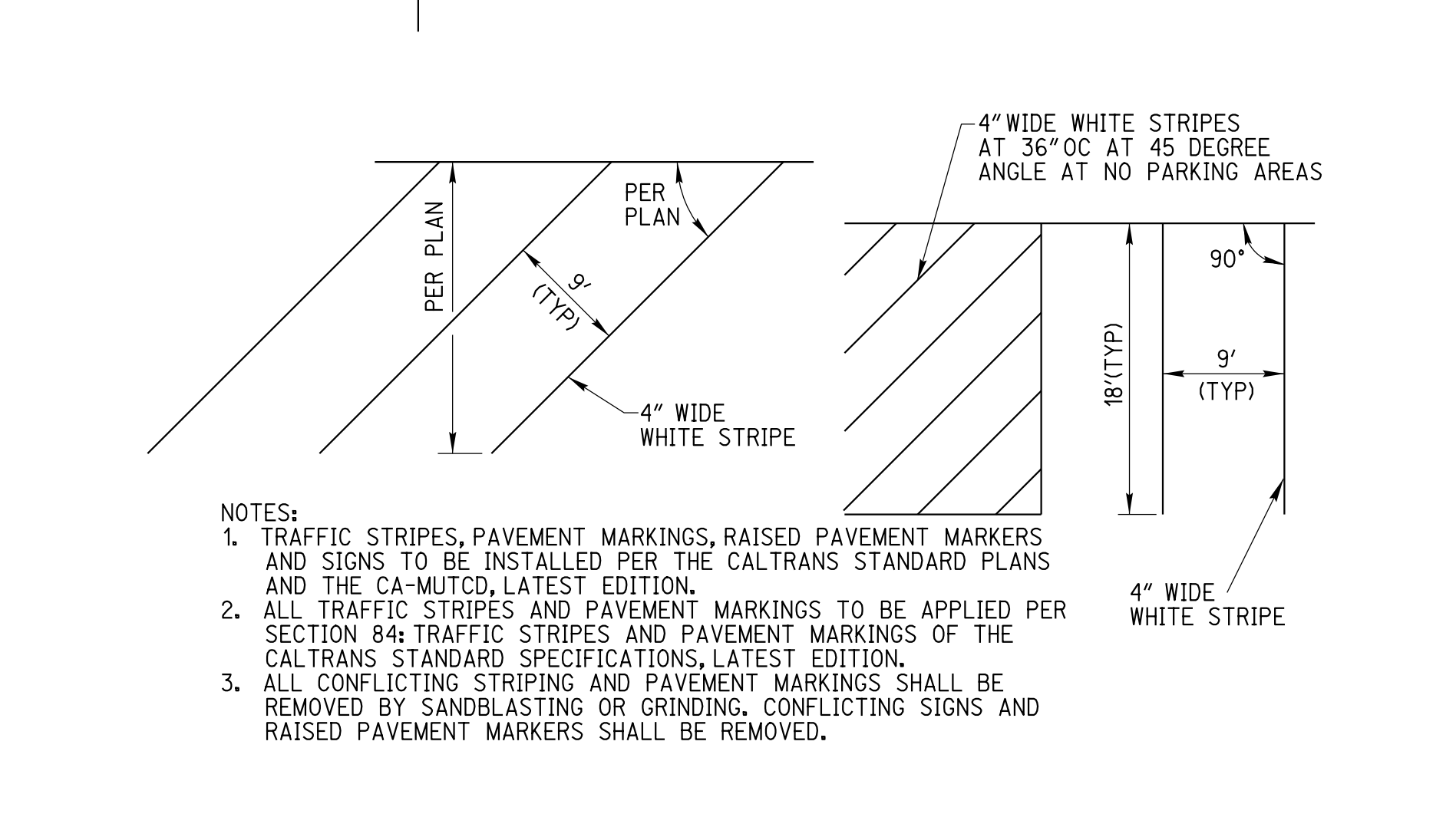
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2 NOT TO SCALE



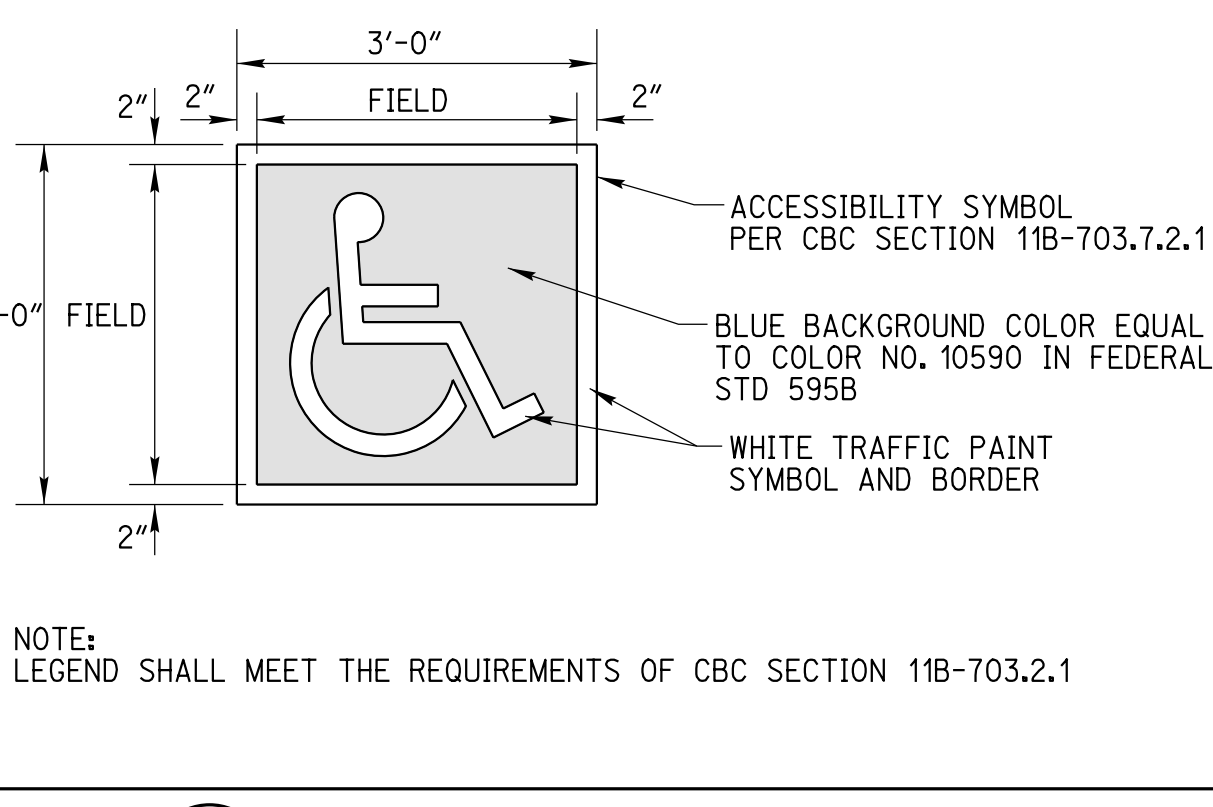
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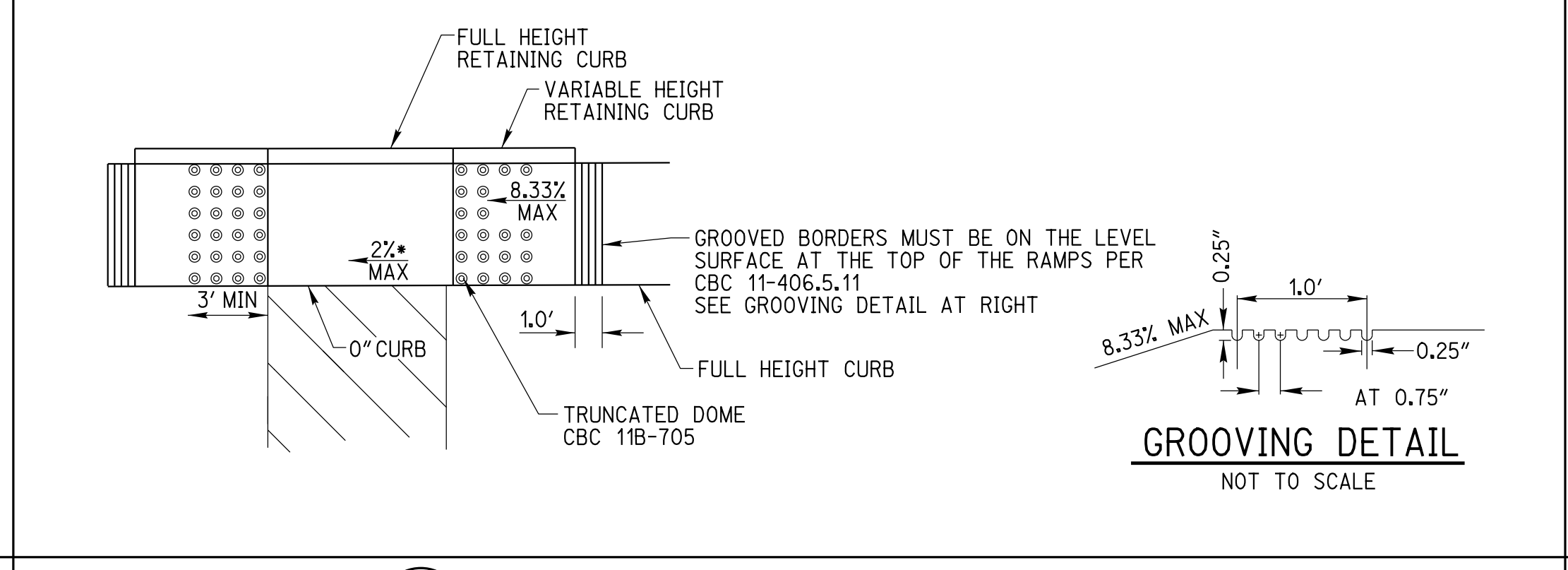
3 ACCESSIBLE PARKING STRIPING DETAIL
2 NOT TO SCALE



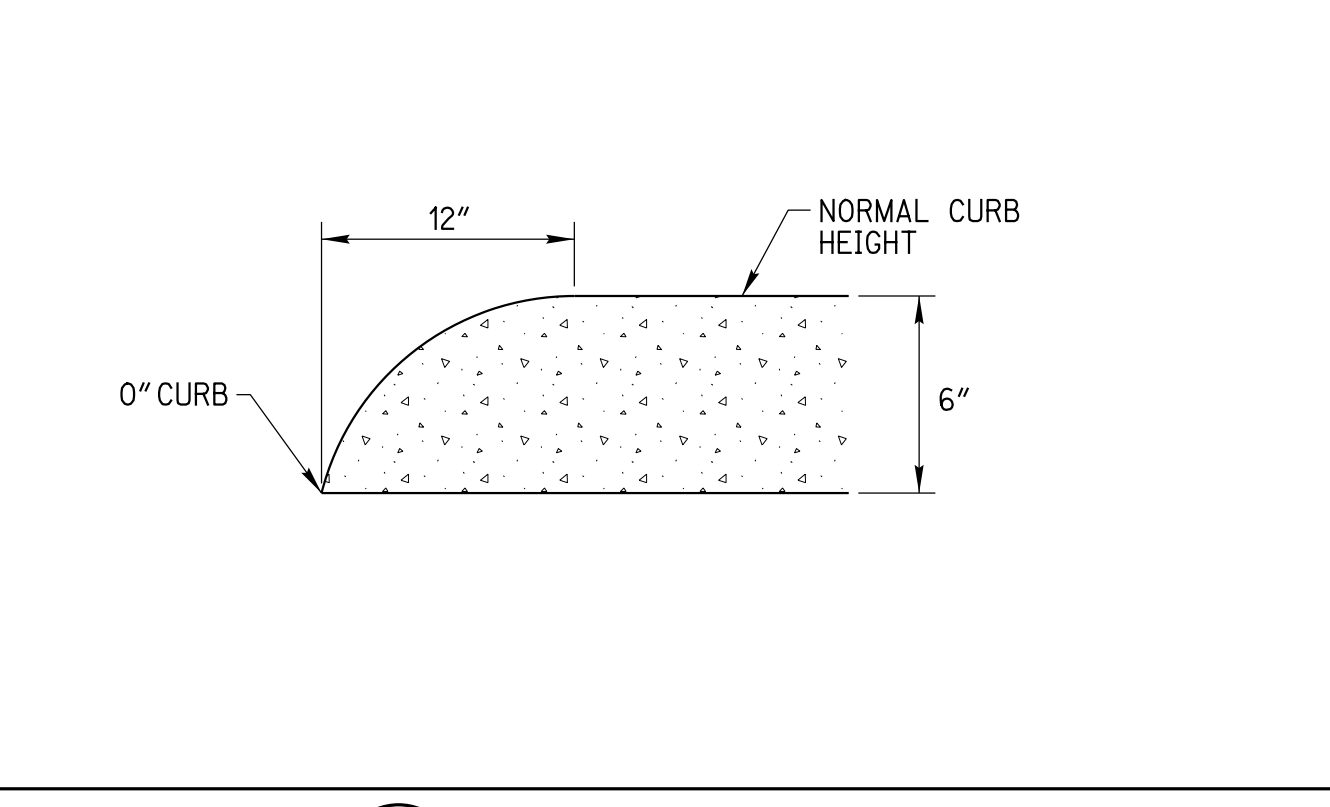
4 TYPICAL PARKING STRIPING DETAIL
2 NOT TO SCALE



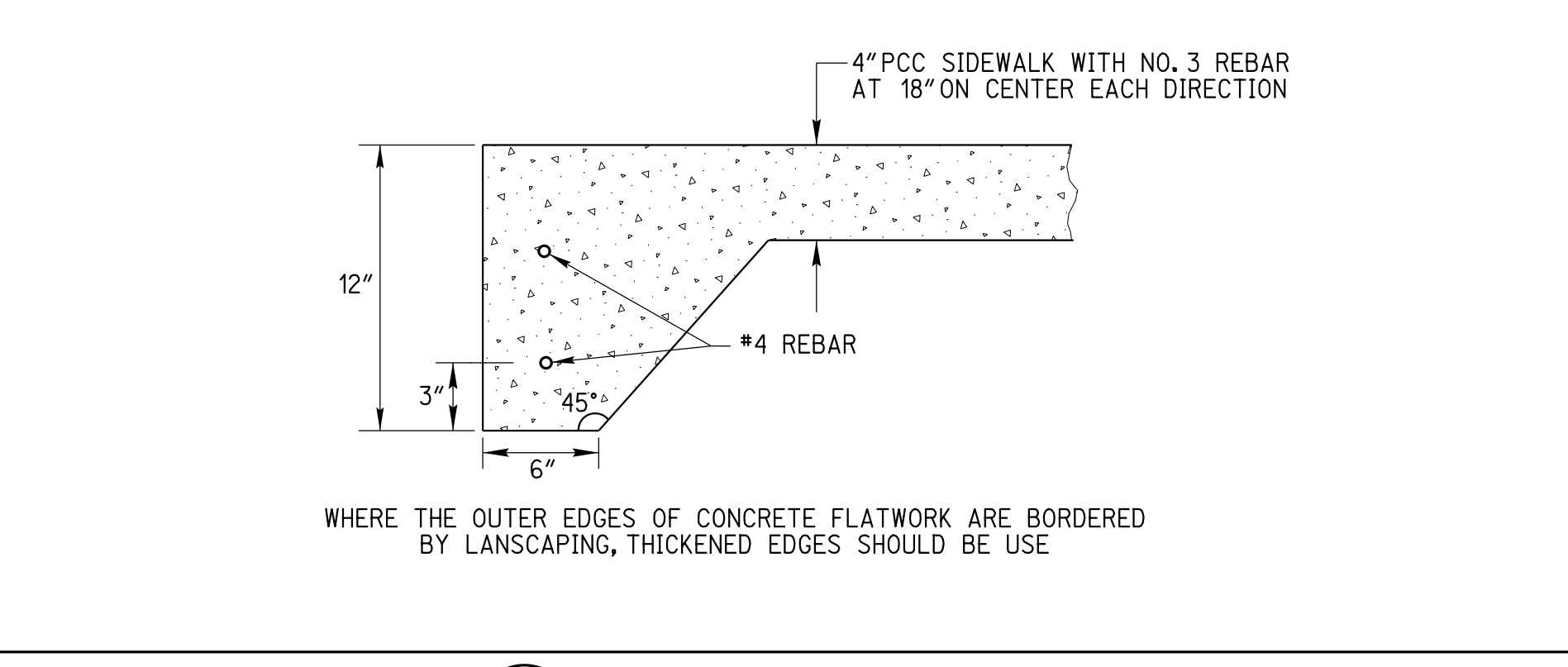
5 ISA PARKING SYMBOL DETAIL
2 NOT TO SCALE



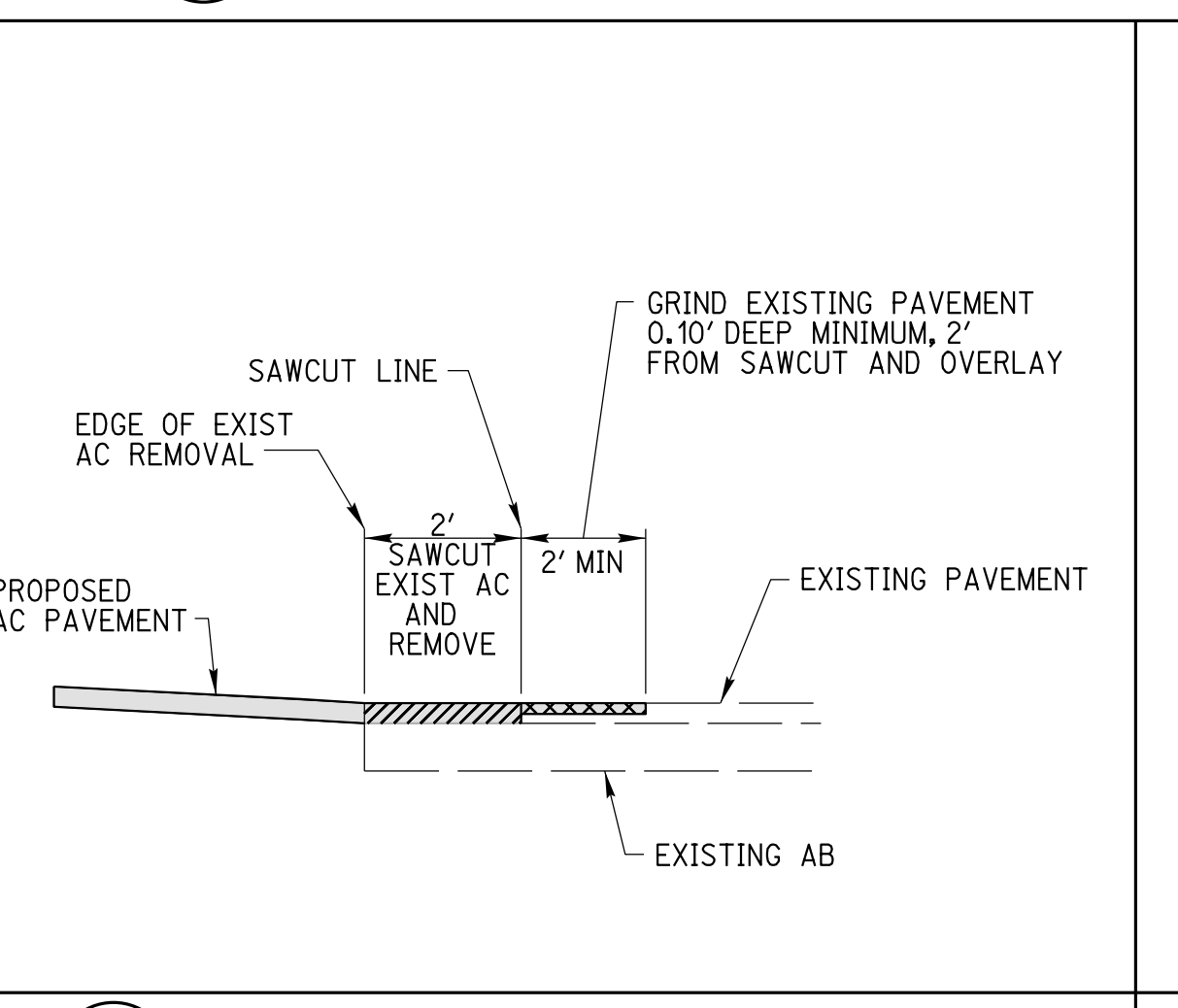
6 ACCESSIBLE CURB RAMP DETAIL
2 NOT TO SCALE



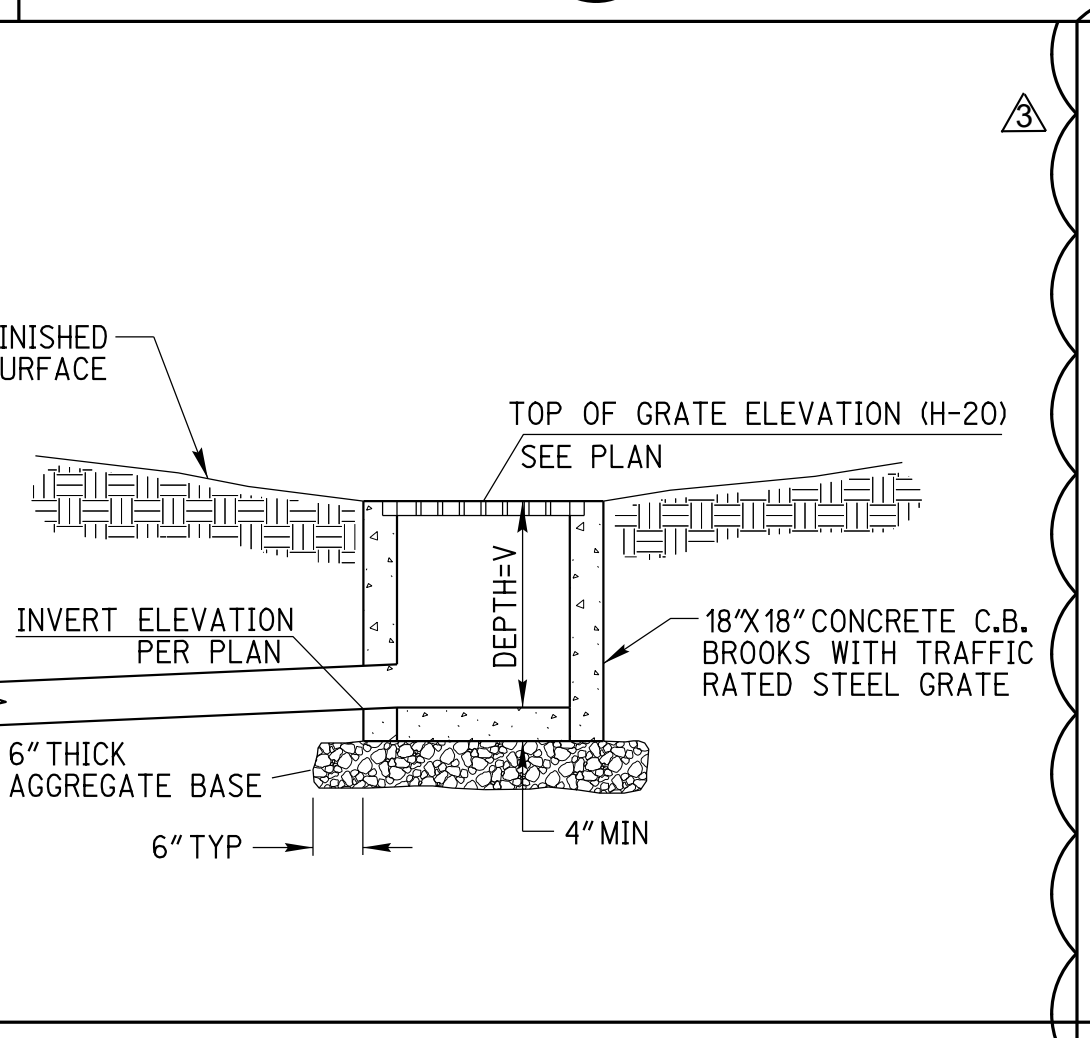
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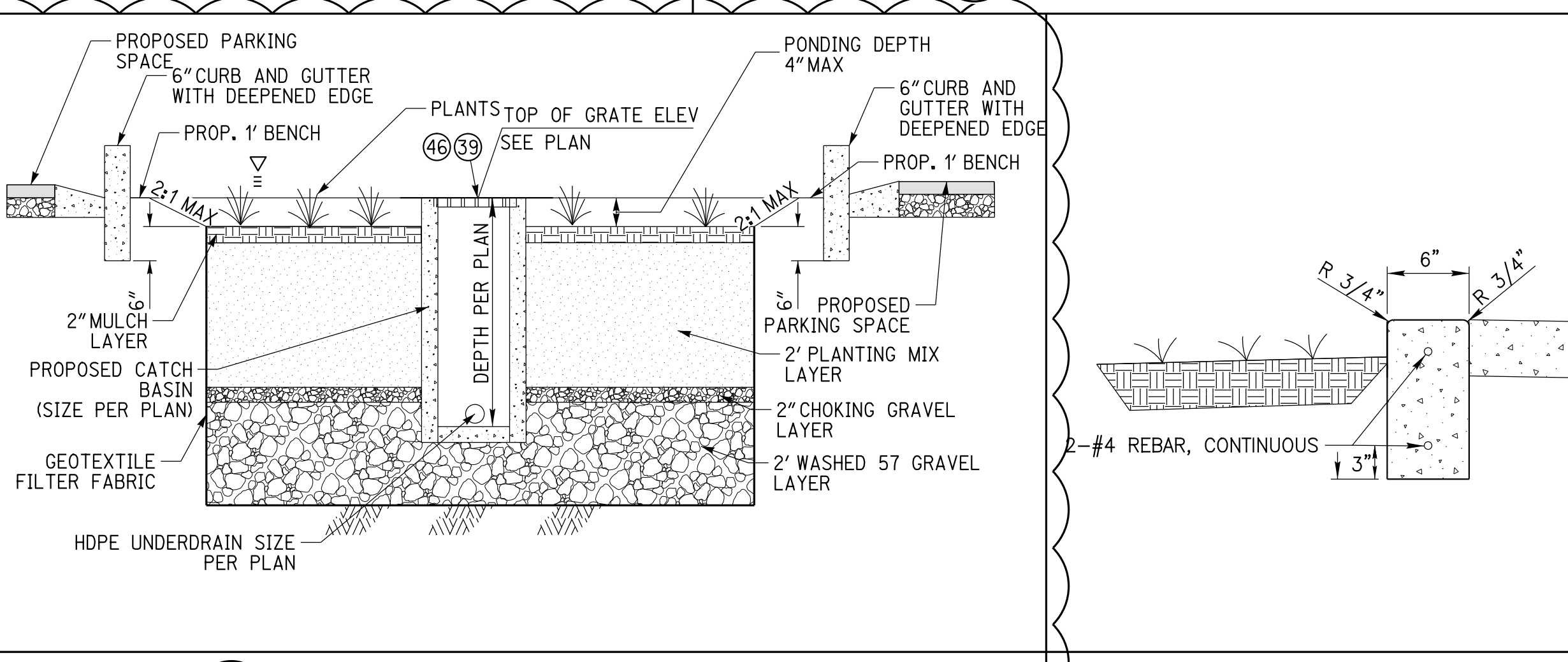
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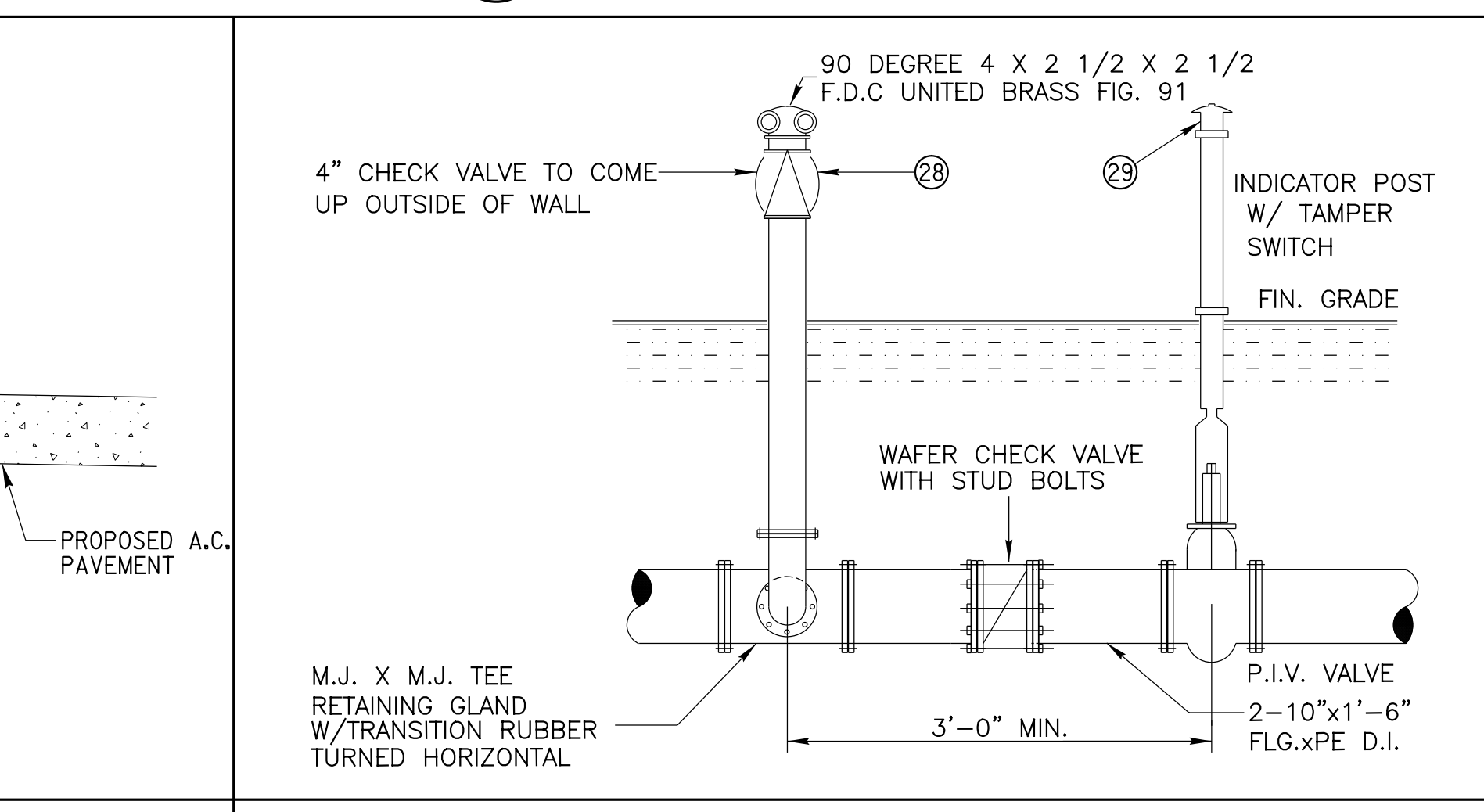
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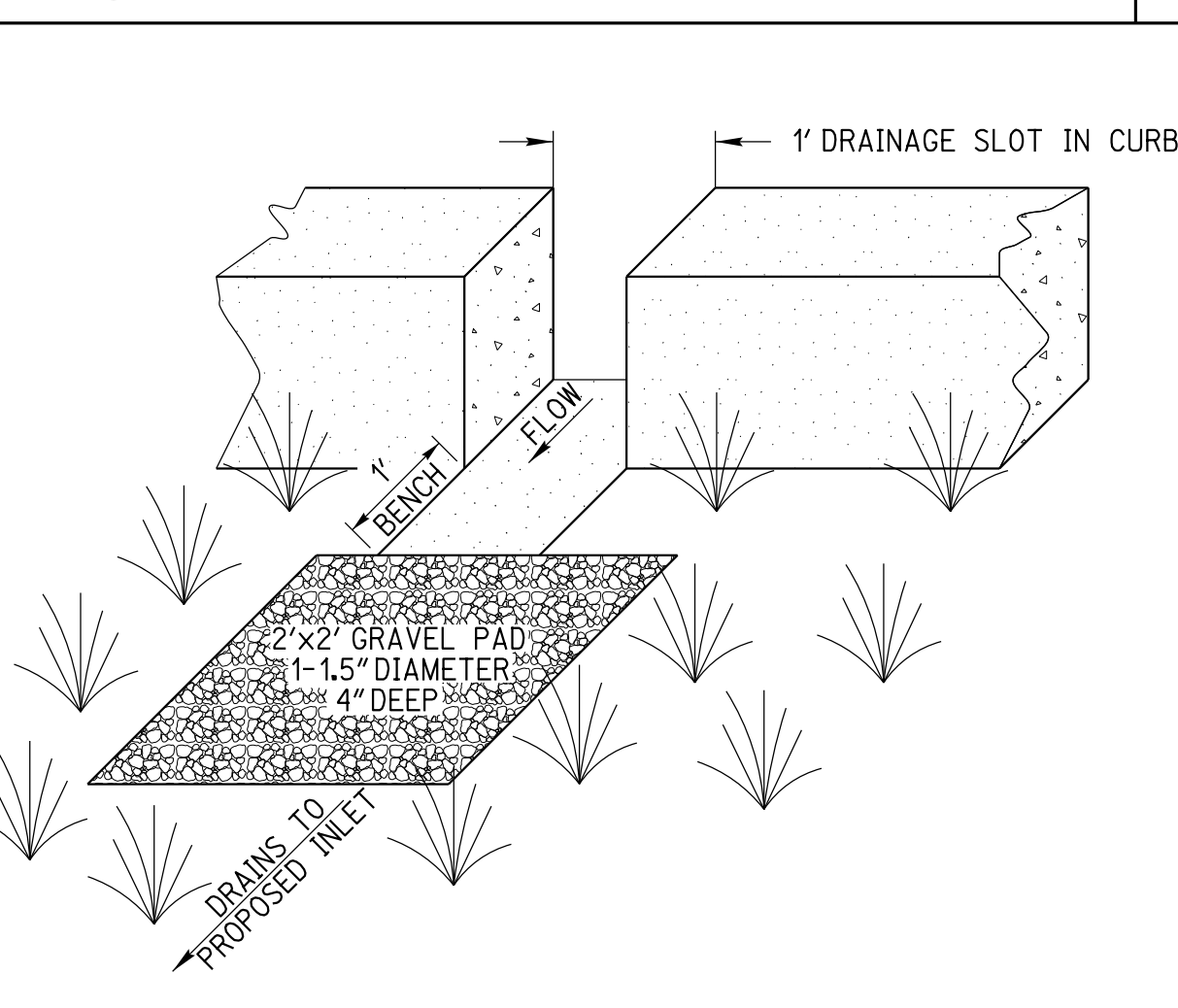
10 CATCH BASIN DROP INLET DETAIL
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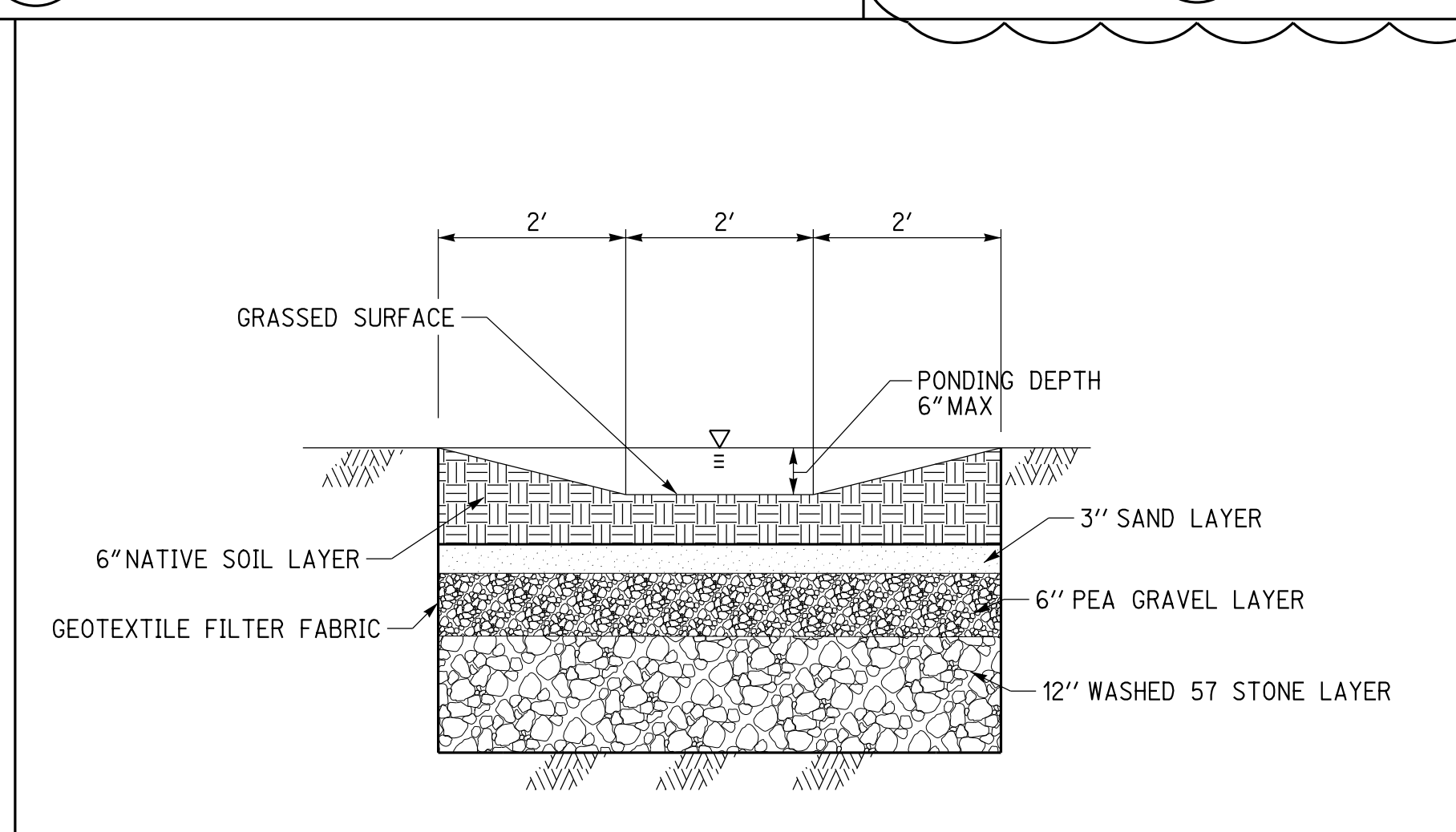
11 BIOINFILTRATION BASIN DETAIL
2 NOT TO SCALE



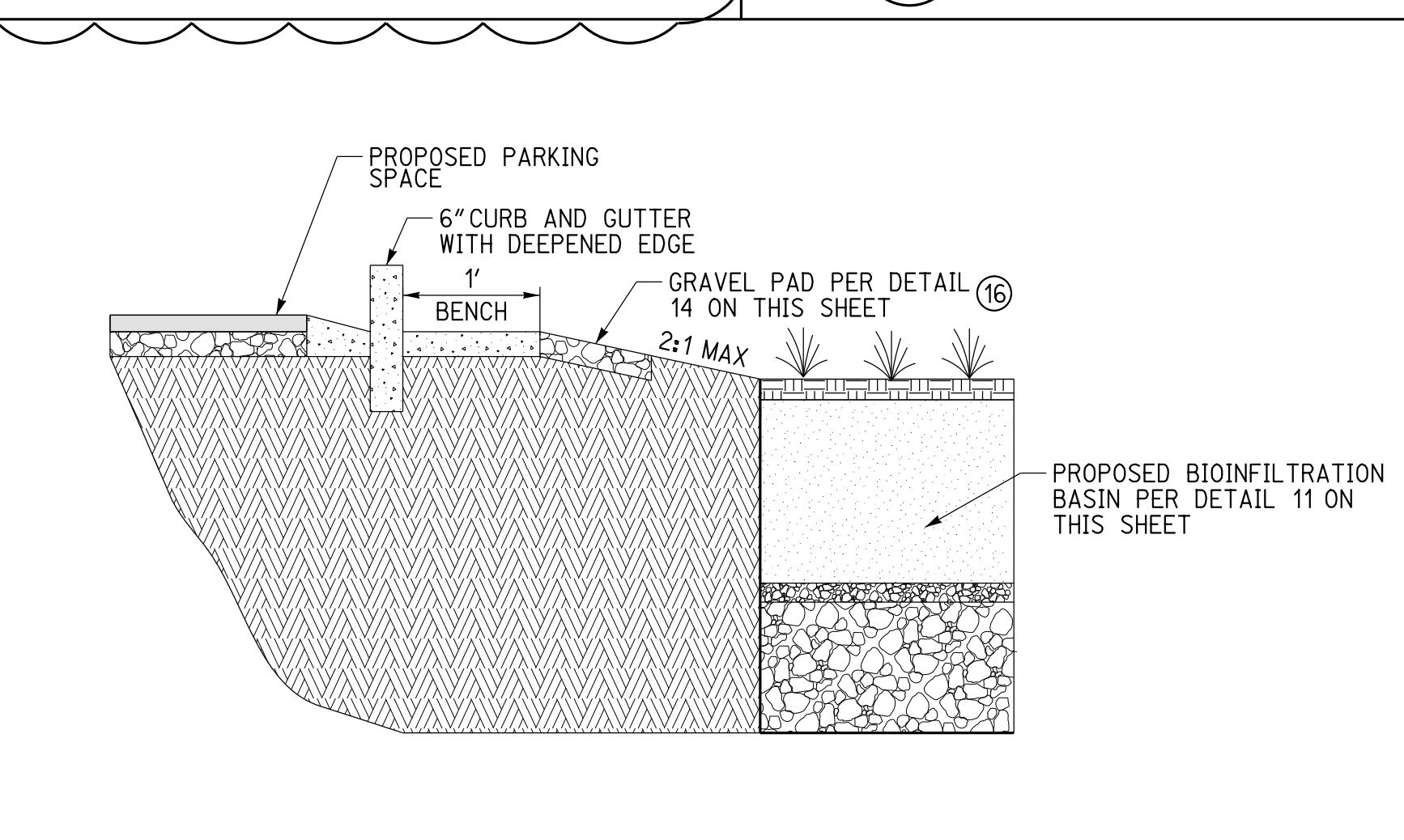
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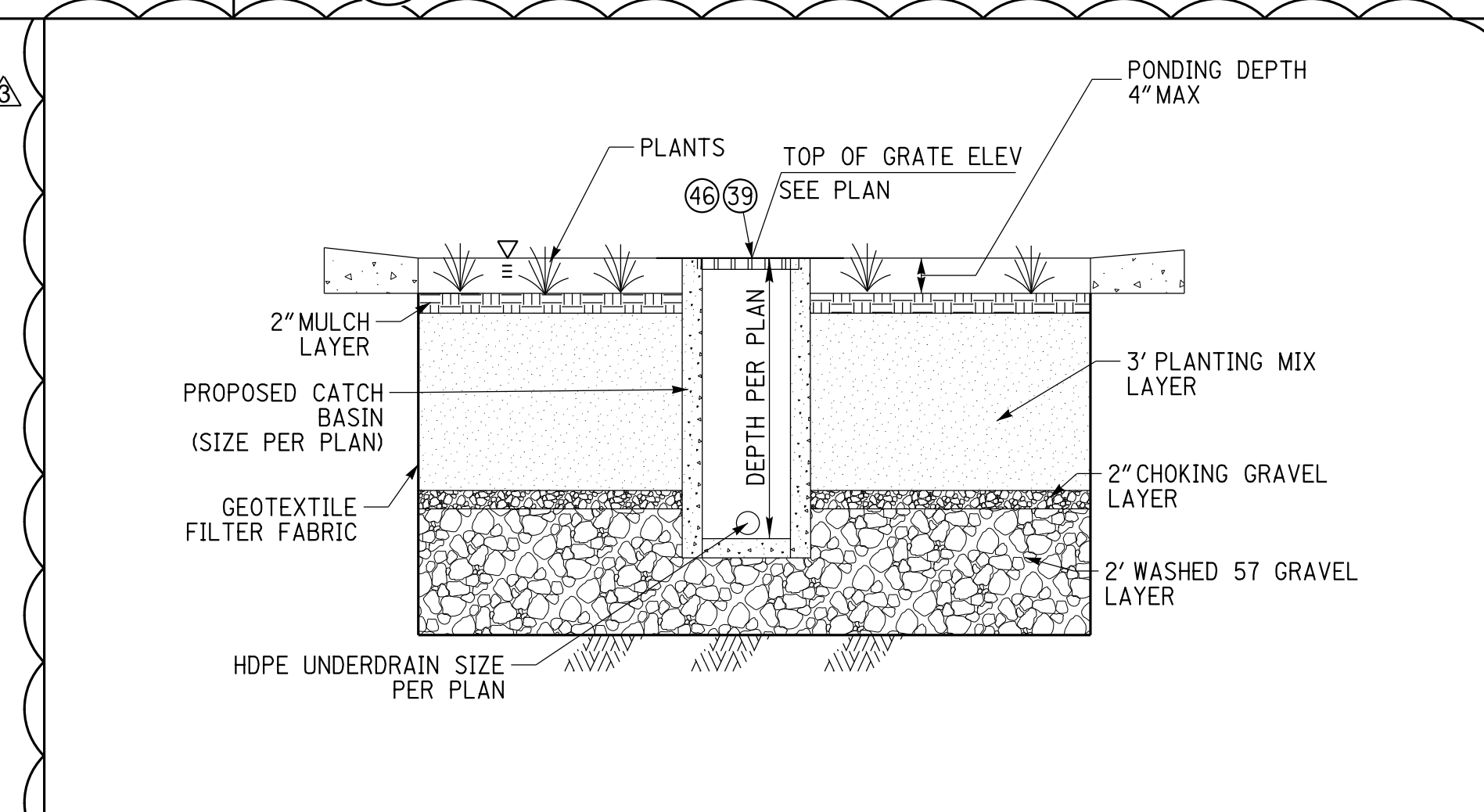
14 CURB CUT WITH GRAVEL PAD
2 NOT TO SCALE



15 VEGETATED SWALE DETAIL
2 NOT TO SCALE

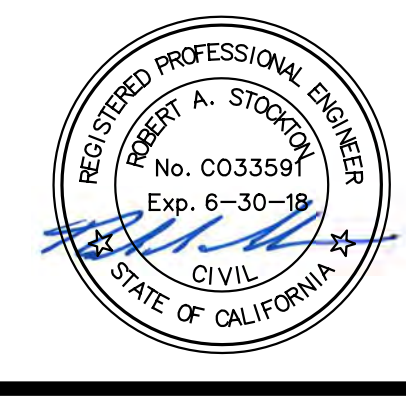


A SECTION A
2 NOT TO SCALE



16 BIOINFILTRATION BASIN DETAIL
2 NOT TO SCALE

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-04

SHEET TITLE:

DETAIL SHEET



MECHANICAL BACKFLOW PREVENTER

NO CONNECTIONS PERMITTED BETWEEN METER & DEVICE

MECHANICAL BACKFLOW PREVENTER

NOTES:

- MECHANICAL BACKFLOW PREVENTION DEVICE SHALL BE A REDUCED PRESSURE PRINCIPLE DEVICE APPROVED BY CITY CROSS CONNECTION CONTROL INSPECTOR.
- PIPE FROM METER TO BACKFLOW PREVENTION DEVICE AND POINT "A" SHALL BE TYPE "K" RIGID OR BRONZED COPPER PIPE. EXPOSED COPPER SHALL BE PAINTED THE SAME COLOR AS BACKFLOW DEVICE. SEE GENERAL REQUIREMENT SECTION.
- SERVICES FROM "1" - "2" SHALL BE INSTALLED IN ACCORDANCE WITH PLATE 304 OR 305. LARGER SERVICES SHALL BE INSTALLED AS SPECIFIED BY PLATE 310.
- ALL COPPER JOINTS SHALL BE SILVER SOLDERED WITH 85-15.
- ALL IRRIGATION SERVICES ARE REQUIRED TO HAVE A REDUCED PRESSURE PRINCIPLE ASSEMBLY.
- BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING (PHONE 805/385-8155)
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
- INSTALLATION AND FITTINGS SHALL HAVE A MINIMUM OF 12" SIDE CLEARANCE.

CITY OF Oxnard
 DRAWN: STAFF CKD: STAFF
 Department of Public Works

STANDARD PLAN 2002
 PLATE 309
 SHEET 1 OF 1

STANDARD 1 1/2" - 2" COPPER SERVICE INSTALLATION

METER WILL BE PROVIDED BY CITY, SEE NOTE 11

DETAIL A (SEE NOTE 4)

DETAIL B (SEE NOTE 4)

SERVICE SIZE	A	B	C
1 1/2"	9"	1 1/2"	24"
2"	10"	1 1/2"	33"

1/2" TOLERANCE ALLOWED ON ALL SIZES

NOTES:

- CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE PRIOR TO REQUESTING METER INSTALLATION.
- SEE STANDARD DRAWING NO. 305 FOR P.E. SERVICES.
- SERVICES SHALL NOT BE INSTALLED ON PRIVATE PROPERTY WITHOUT PUBLIC UTILITIES EASEMENT.
- METER BOXES INSTALLED IN DRIVEWAY, ALLEY OR TRAFFIC LOCATIONS REFER TO DETAIL "A".
- 1 1/2" & 2" SERVICES SHALL HAVE FLANGED ANGLE METER STOPS, FORD FV-23 (FLARE), FORD FV-43 (PACK JOINT), JONES J-4205 (COMPRESSION) OR EQUAL.
- CLOSE KEYS IN METER BOX WITH PLASTIC SHINGLE OR MORTAR.
- ALL SERVICES SHALL BE PERPENDICULAR TO THE MAIN.
- INSTALL METER BOX 6" TO 18" FROM SIDE PROPERTY LINE AND GROUPED FOR EASE OF READING, SEE PLATE 306.
- CONTRACTOR SHALL PROTECT ENTIRE METER ASSEMBLY FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- METER BOX SHALL BE SET AND ADJUSTED PRIOR TO INSTALLATION OF METER.
- METER SHALL BE INSTALLED BY CITY. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS WITH WATER SERVICES PROGRAM TO COORDINATE INSTALLATION.

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 Department of Public Works

STANDARD PLAN 2002
 PLATE 304
 SHEET 1 OF 1

STANDARD FIRE HYDRANT

THREE-OUTLET FIRE HYDRANT

NOTES:

- CONCRETE FOOTING SHALL EXTEND 3" BELOW SURFACE.
- GUARD SHALL BE 5'-6" IN LENGTH EXTENDING 2'-6" ABOVE THE SURFACE AND SHALL BE 3" STEEL PIPE FILLED WITH CONCRETE.
- VARIATIONS OF THE ABOVE ARRANGEMENTS MAY BE REQUIRED UNDER UNUSUAL CIRCUMSTANCES.
- GUARD TO BE PAINTED THE SAME AS FIRE HYDRANT.

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STANDARD PLAN 2002
 PLATE 301
 SHEET 1 OF 1

DETAILS FOR FIRE HYDRANT INSTALLATION

NOTES:

- IF SIDEWALK IS ADJACENT TO CURB AND 5' OR LESS IN WIDTH, THEN F.H. SHALL BE PLACED 18" FROM FACE OF CURB.
- ALL BREAKAWAY BOLTS SHALL BE CADMIUM PLATED. ALL BELOW GRADE BOLTS TO BE STAINLESS STEEL. REFER TO GENERAL REQUIREMENT SECTION FOR PAINT REQUIREMENTS.
- ALTERNATE FIRE HYDRANT LOCATIONS MAY BE APPROVED BY CITY ENGINEER.
- COPPER LOCATION WIRE REQUIRED.
- BLUE REFLECTIVE PAVEMENT MARKERS REQUIRED PER PLATE 202.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.

CITY OF Oxnard
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STANDARD PLAN 2002
 PLATE 300
 SHEET 1 OF 1

THRUST BLOCKING

90° TEE

90° BEND

22 1/2° BEND

45° BEND

LIVE CAP OR PLUG

CROSS

GENERAL NOTES:

- UNLESS OTHERWISE NOTED THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
- AFTER THE TRENCH HAS BEEN BACKFILLED TO THE TOP OF PIPE, AREAS TO BE OCCUPIED BY THRUST BLOCKS SHALL BE RE-EXCAVATED AND SHAPED. AFTER SHAPING SIMPLE PLYWOOD, OR BOX WOOD FORMS SHALL BE INSERTED ADJACENT TO THE VERTICAL NON-PRESSURE BEARING SIDES OF THE MOLD. CITY INSPECTION OF THE MOLD-FORM MUST BE OBTAINED PRIOR TO CASTING THE THRUST BLOCK.
- THE THRUST BLOCK IS TO BE CAST IN SUCH A MANNER TO CRADLE THE PIPE OR FITTING. CONC. ENVELOPMENT SHALL BE PERPENDICULAR TO THE LINE OF THRUST.
- * = ENGINEER TO DETERMINE CONFIGURATION & DIRECTION OF THRUST
- SELF HAUL CONCRETE MUST BE APPROVED BY INSPECTOR

CITY OF Oxnard
 DRAWN: STAFF CKD: STAFF
 Department of Public Works

STANDARD PLAN 2002
 PLATE 320
 SHEET 1 OF 2

3" & LARGER IRRIGATION WATER SERVICE AND METER INSTALLATION

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW, INSTALLED AS SHOWN.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
- COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
- BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
- A 2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

CITY OF Oxnard
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 Department of Public Works

STANDARD PLAN 2002
 PLATE 317
 SHEET 1 OF 1

2 1/2" & LARGER FIRE LINE INSTALLATION

PIPE SUPPORT DETAIL

THRUST BLOCK

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
- THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
- CONTACT FIRE DEPARTMENT (PHONE 805/385-7722) FOR ADDITIONAL CONNECTIONS AND ALARM SYSTEM REQUIREMENTS.
- BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
- A 2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

CITY OF Oxnard
 DRAWN: STAFF CKD: STAFF
 Department of Public Works

STANDARD PLAN 2002
 PLATE 311
 SHEET 1 OF 2

3" & LARGER WATER SERVICE AND METER INSTALLATION

PIPE SUPPORT DETAIL

THRUST BLOCK

KEY QUANTITY DESCRIPTION

KEY	QUANTITY	DESCRIPTION
1	1	ROMAC STAINLESS STEEL TAPPING SLEEVE OR EQUAL
2	1	TAPPING VALVE (RESILIENT SEAT) WITH FLANGE & MECHANICAL JOINT
3	1	C 900 P.V.C. PIPE CLASS 200 OR DUCTILE IRON (4" MIN.)
4	2	90° ELBOW-FLANGED BY MECHANICAL JOINT
5	2	THREADED FLANGED SPOOL (DUCTILE IRON)
6	1	METER WITH STRAINER (Meter Type to be Approved by Water Division)
7	2	REDUCED PRESSURE BACKFLOW PREVENTER WITH GATE VALVES (U.S.C. APPROVED)
8	5	PIPE SUPPORT (SEE DETAIL)
9	1	CHRISTY G3 VALVE BOX
10	1	THREADED FLANGED SPOOL-5 DIAMETERS LONG (DUCTILE IRON)
11	1	1 1/2" BRONZE PIPE-FOR 3"-6" METER, 2" PIPE FOR 8" & LARGER METER
12	1	BY PASS SADDLE & CURB STOPS WITH LOCKS
13	1	GATE VALVE
14	2	90° ELBOW-FLANGED BY FLANGED

NOTES:

- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
- A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & A REDUCING ELBOW, INSTALLED AS SHOWN.
- ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED. BURIED FITTINGS TO BE NO-OX-ID COATED AND P.E. WRAPPED.
- THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
- INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL REPRESENTATIVE PRIOR TO ACTIVATING. (PHONE 805/385-8155).
- BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
- CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
- RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
- PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

CITY OF Oxnard
 DRAWN: STAFF CKD: STAFF
 Department of Public Works

STANDARD PLAN 2002
 PLATE 310
 SHEET 1 OF 1



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

Call or text 2 working days prior to excavating.

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

AC FLS SS

DATE

REVISIONS:

REVISIONS:	DESCRIPTION	DATE
A	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=40'

SHEET NUMBER: C-05

SHEET TITLE:

DEMOLITION PLAN



1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
(FAX) 951.782.0723

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Sacramento - Bakersfield - Tucson - Phoenix
rickeng.com



ARCHITECTS

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LEGEND

- EXISTING ELECTRICAL BOX
- EXISTING ELECTRIC VAULT
- EXISTING WATER METER
- EXISTING LIGHT POLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER VALVE
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING CHAIN LINK FENCE
- CONTOUR (EXISTING)

- PROJECT BOUNDARY
- EXISTING CENTERLINE
- EXISTING CURB AND GUTTER
- EXISTING TREE
- EXISTING EDGE OF PAVEMENT
- EXISTING GAS MAIN
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FH

DEMOLITION NOTES

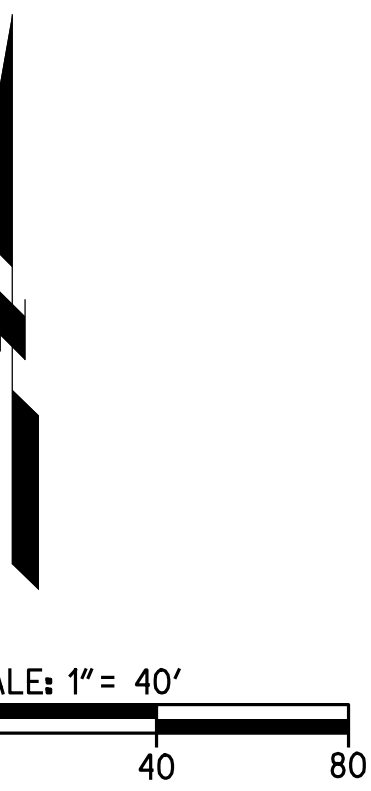
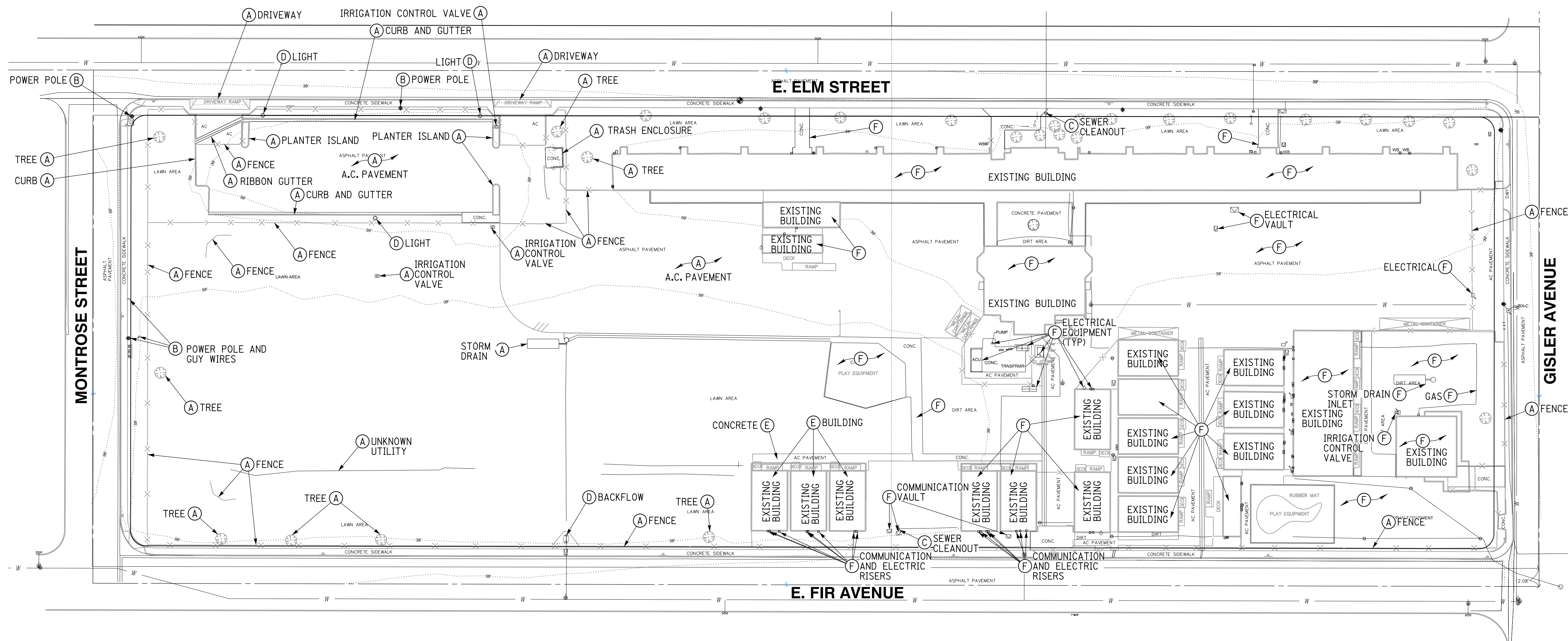
ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS
ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

CONSTRUCTION NOTES

- (A) EXISTING TO BE REMOVED
- (B) EXISTING TO BE PROTECTED IN PLACE
- (C) EXISTING TO BE ADJUSTED TO GRADE
- (D) EXISTING TO BE SALVAGED AND RELOCATED
- (E) MODULAR BUILDINGS TO BE RELOCATED
- (F) EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE



Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
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A# 03-116407

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REVISIONS:

DESCRIPTION	DATE
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING

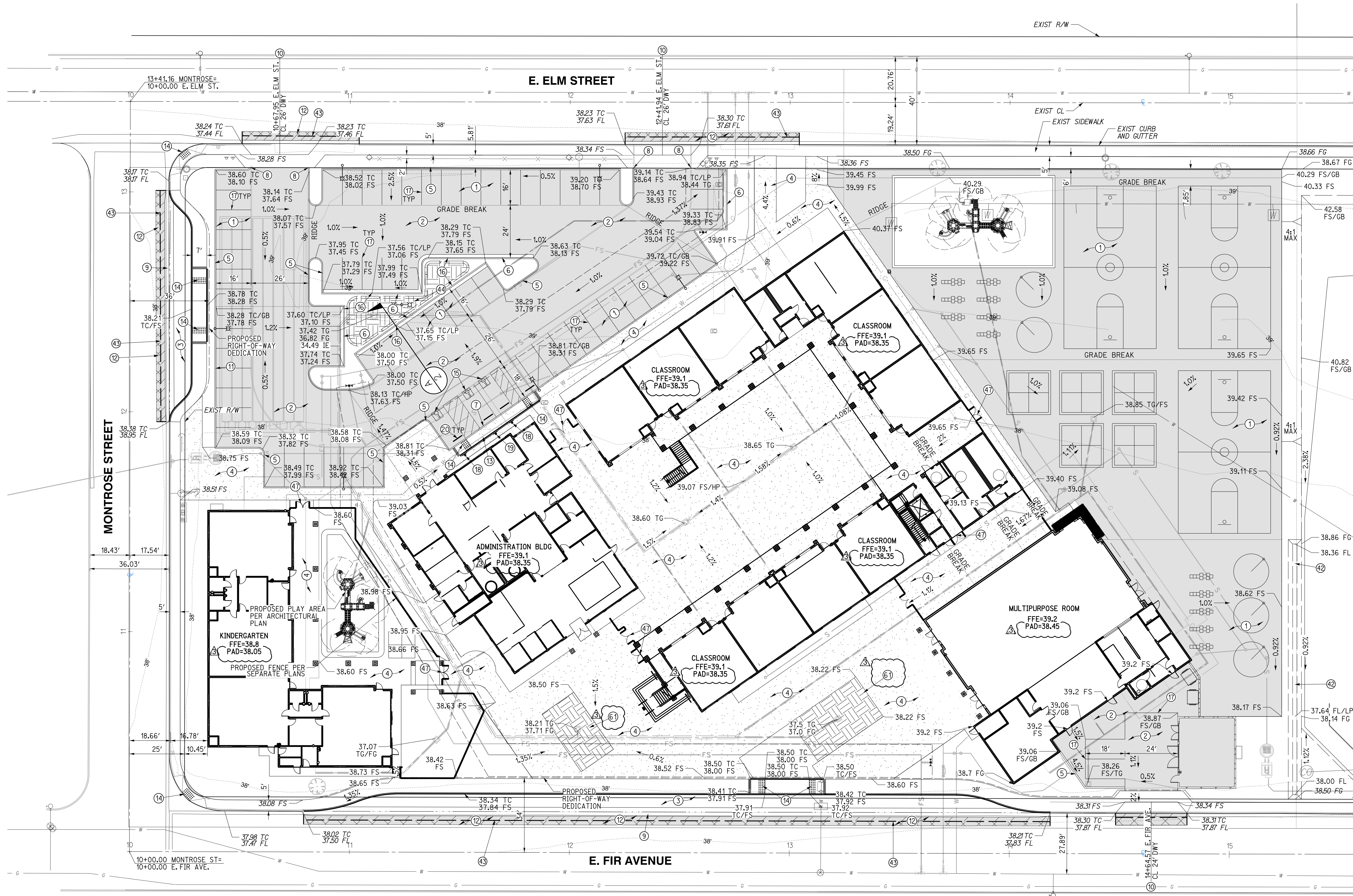


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rick@ricense.com



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SEE SHEET NO. C-07

GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OC UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF

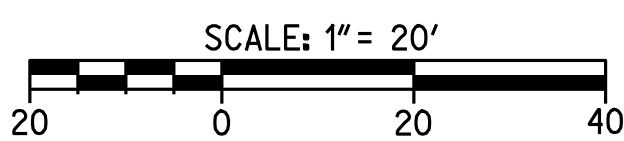


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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



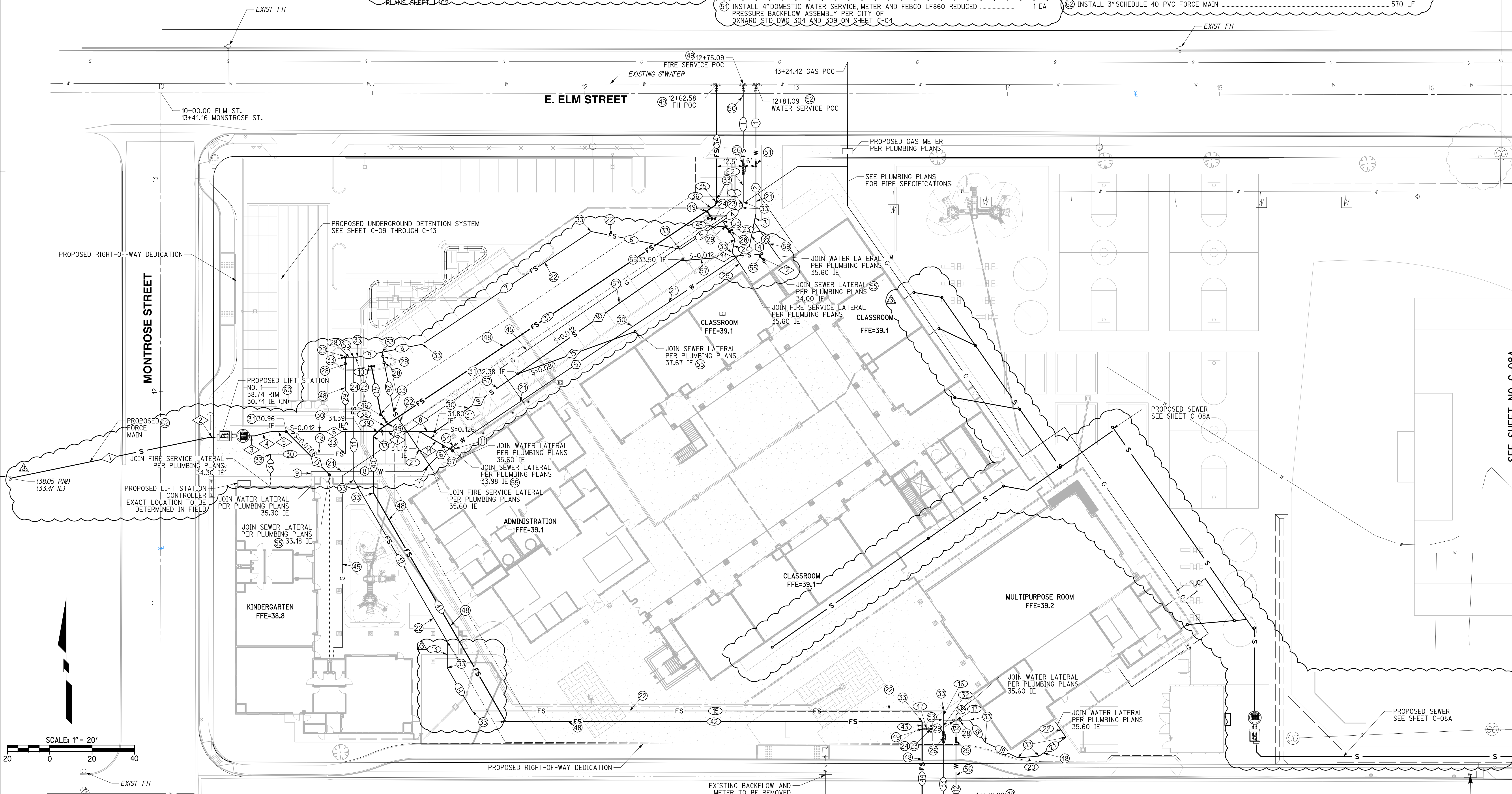
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 rickeng@rickeng.com



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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | | | | |
|--|----------|---|--------|---|--------|
| 21 INSTALL 4" C-900 PVC WATER SERVICE | 250 LF | 28 INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS | 4 EA | 52 INSTALL 6"x6"x4" TEE | 1 EA |
| 22 INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE | 1,000 LF | 29 INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS | 4 EA | 53 INSTALL 8"x8"x8" TEE | 5 EA |
| 23 INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 30 INSTALL 6" SDR-35 PVC SEWER | 600 LF | 54 INSTALL 4"x4"x4" TEE | 1 EA |
| 24 INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 31 INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 13 EA | 55 INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 10 EA |
| 25 INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 | 1 EA | 32 CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 | 2 EA | 56 INSTALL 2.5" COPPER WATER SERVICE | 50 LF |
| 26 INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 | 2 EA | 33 INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 | 30 EA | 57 INSTALL 4" SDR-35 PVC SEWER | 350 LF |
| 27 CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-02 | 1 EA | 34 INSTALL GAS SERVICE BY OTHERS | 850 LF | 58 INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 95 LF |
| | | 35 INSTALL 6" C-900 PVC FIRE SERVICE | 700 LF | 59 INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 25 LF |
| | | 36 INSTALL 6"x6"x6" TEE | 7 EA | 60 INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL | 2 EA |
| | | 37 INSTALL 8" TO 6" REDUCER | 2 EA | 61 INSTALL 3" SCHEDULE 40 PVC FORCE MAIN | 570 LF |
| | | 38 INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 | 1 EA | | |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

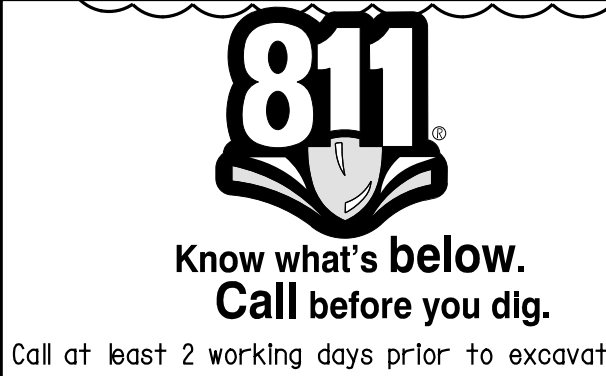
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08A

SHEET TITLE:

UTILITY PLAN



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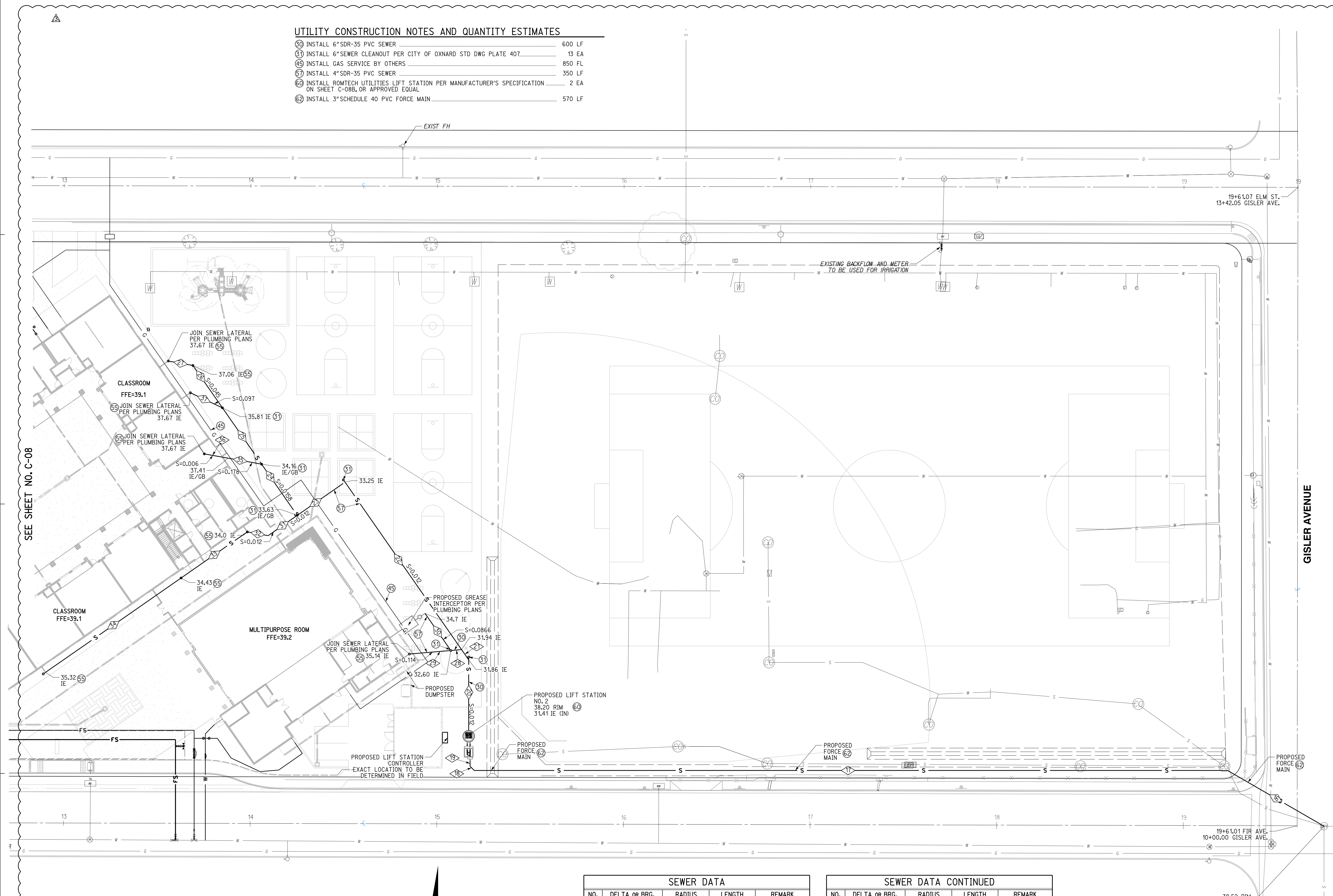


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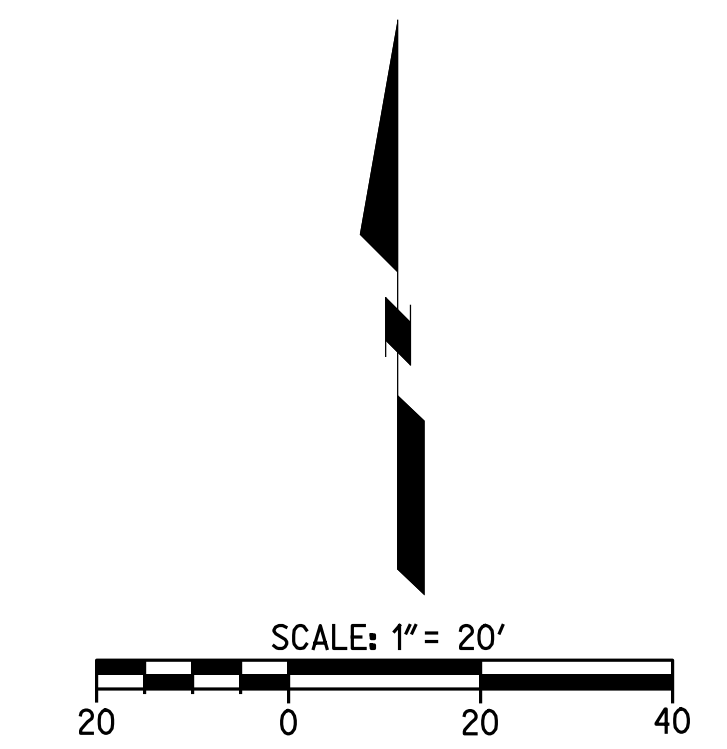
UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

60	INSTALL 6" SDR-35 PVC SEWER	600 LF
61	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
45	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF



SEWER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	3" SCH-40 PVC
17	N 90°00'00" W		403.58'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'26" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 55°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



811
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DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: NONE
SHEET NUMBER: C-08B
SHEET TITLE:

LIFT STATION DETAILS



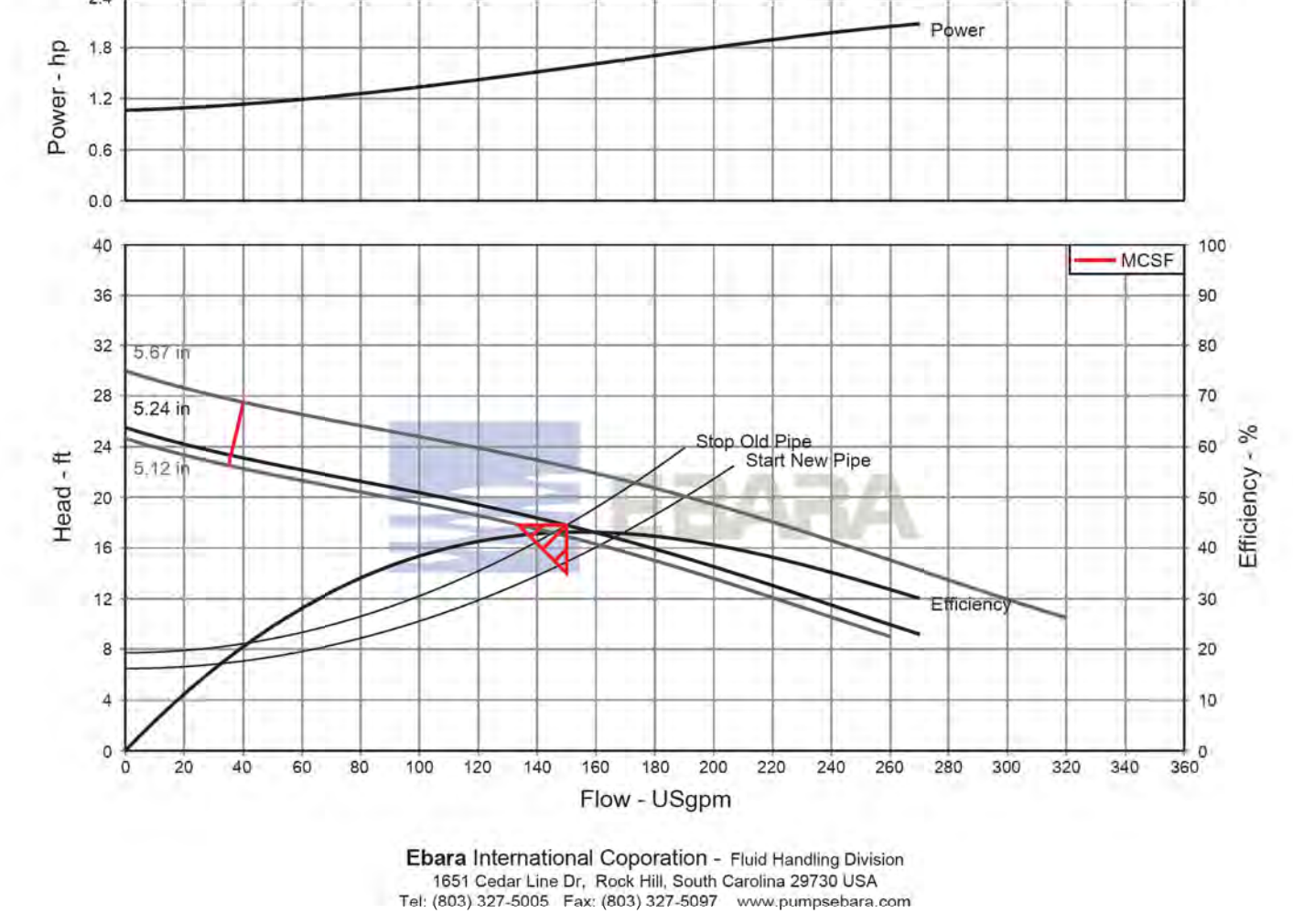
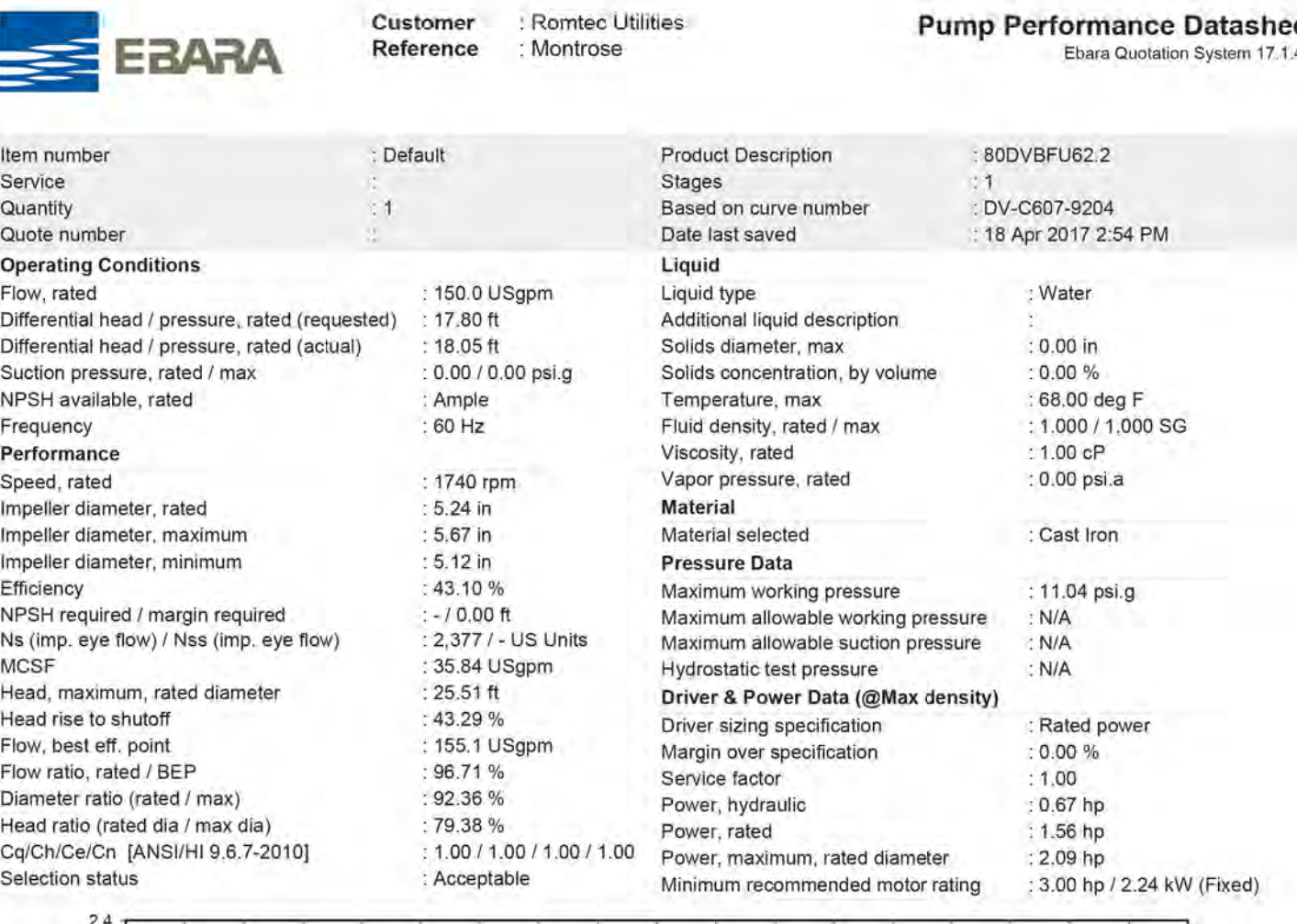
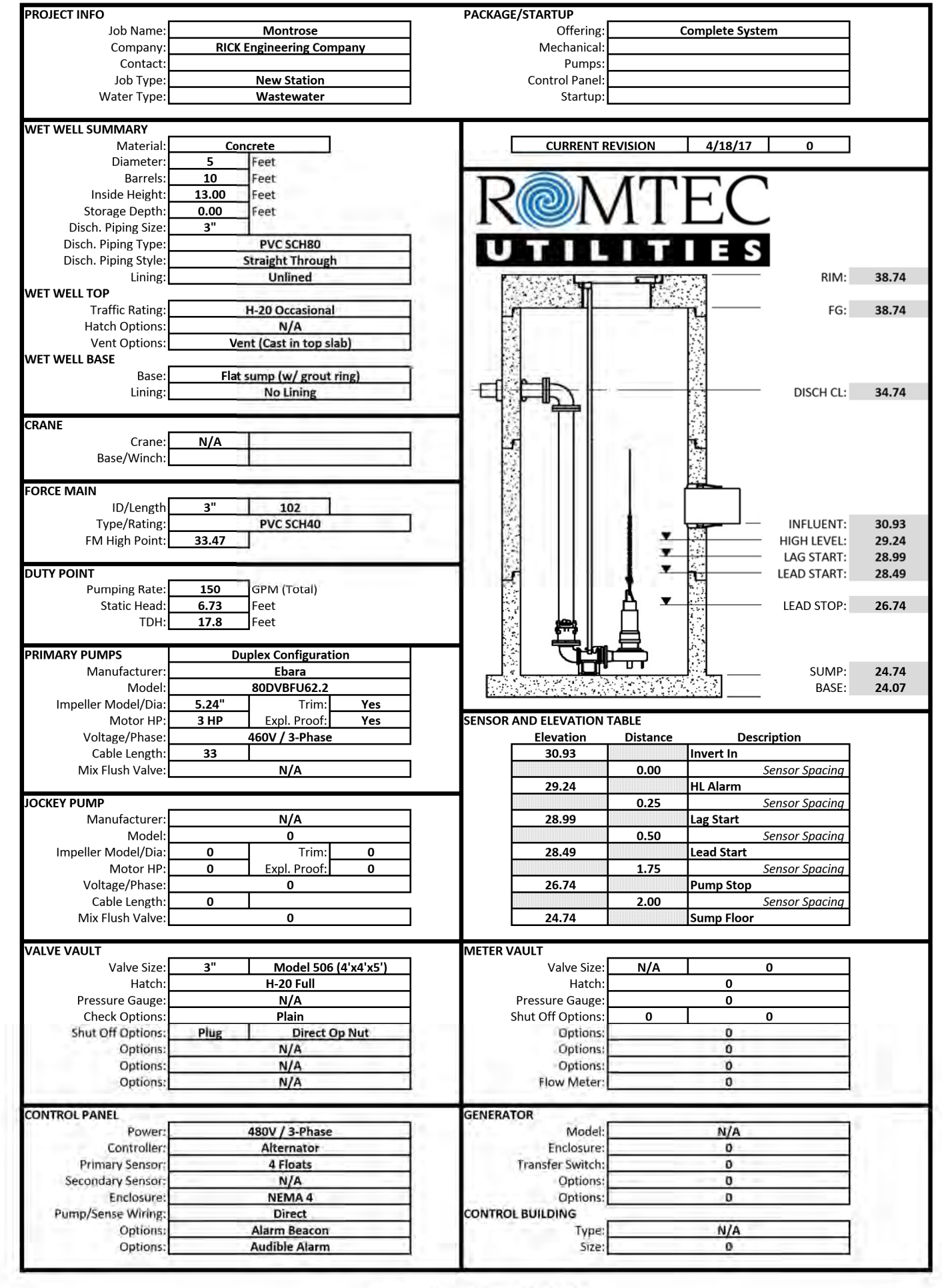
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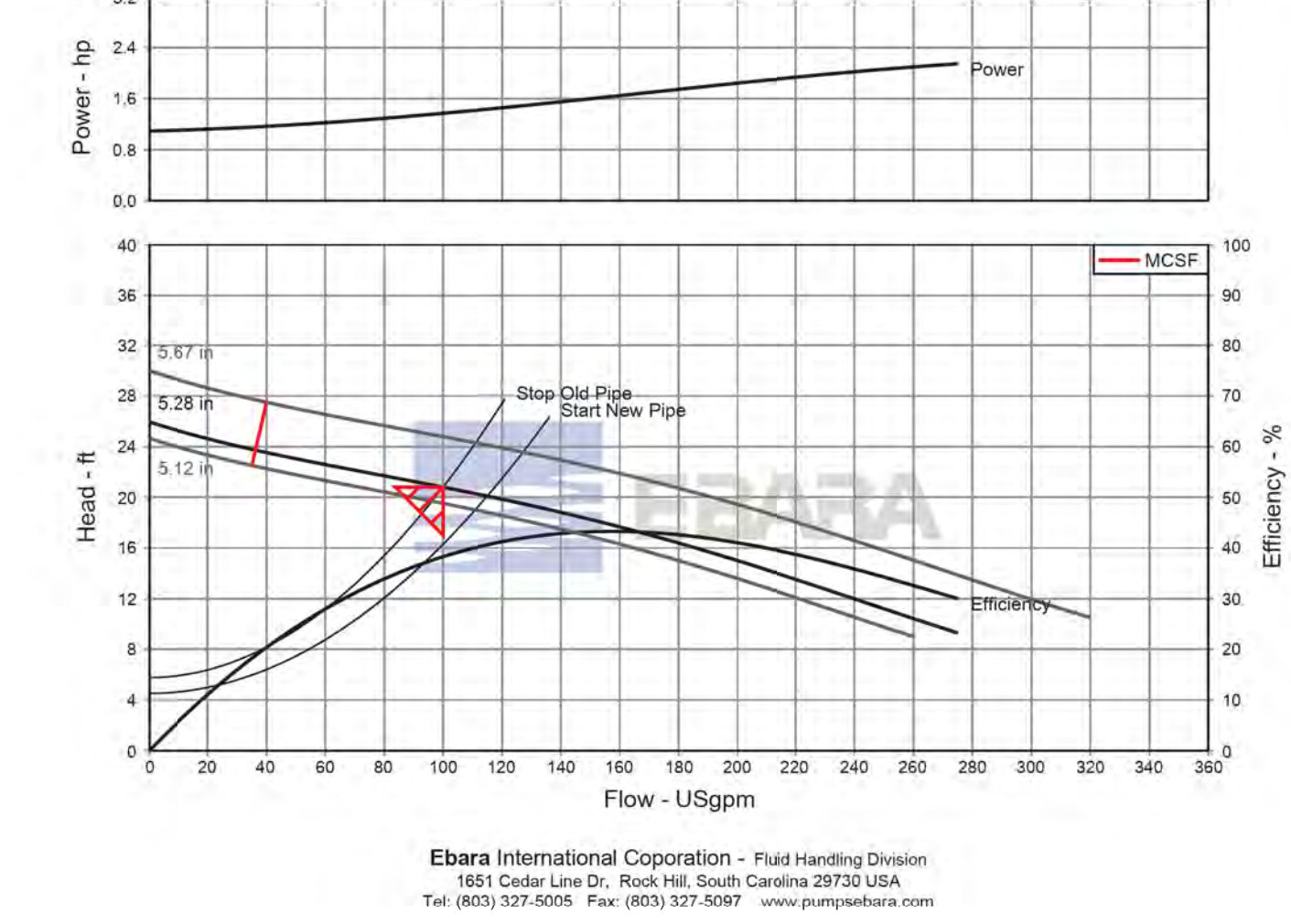
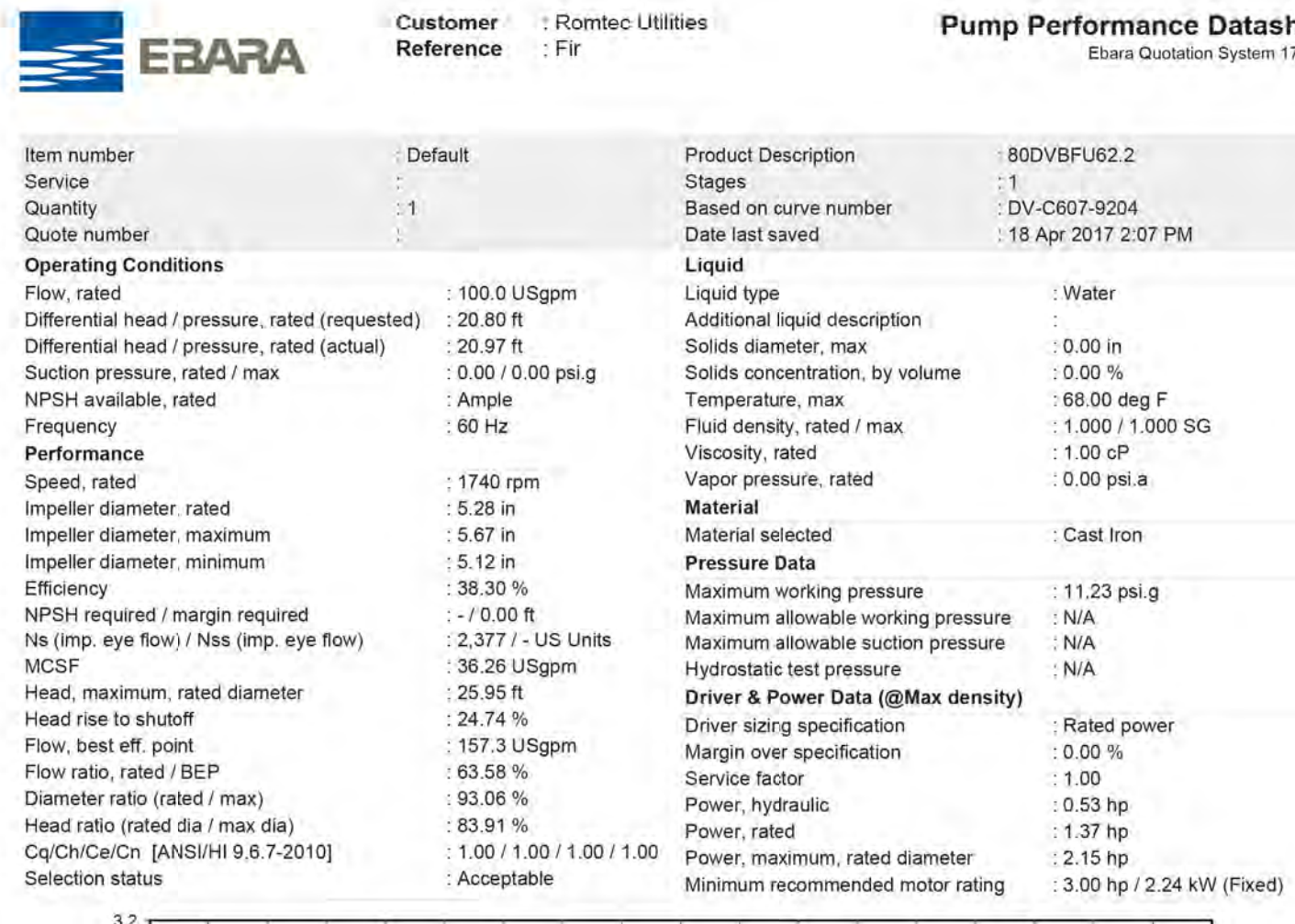
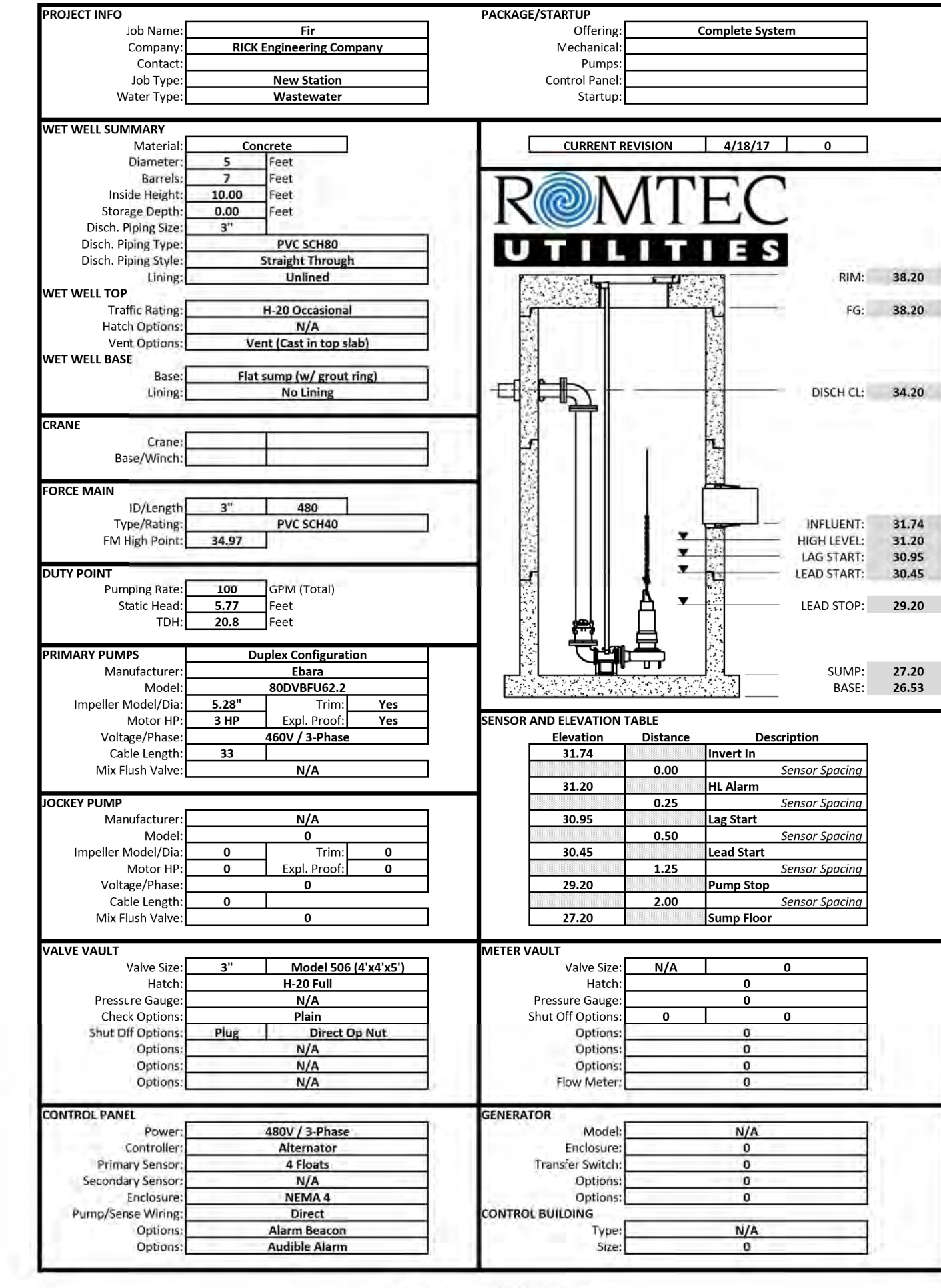


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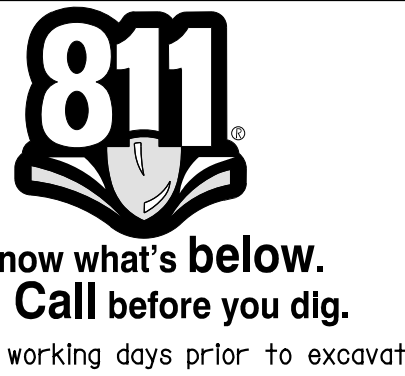
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PROPOSED LIFT STATION NUMBER 1



PROPOSED LIFT STATION NUMBER 2



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PROJECT NO: 1340159

SCALE: 1"=20'

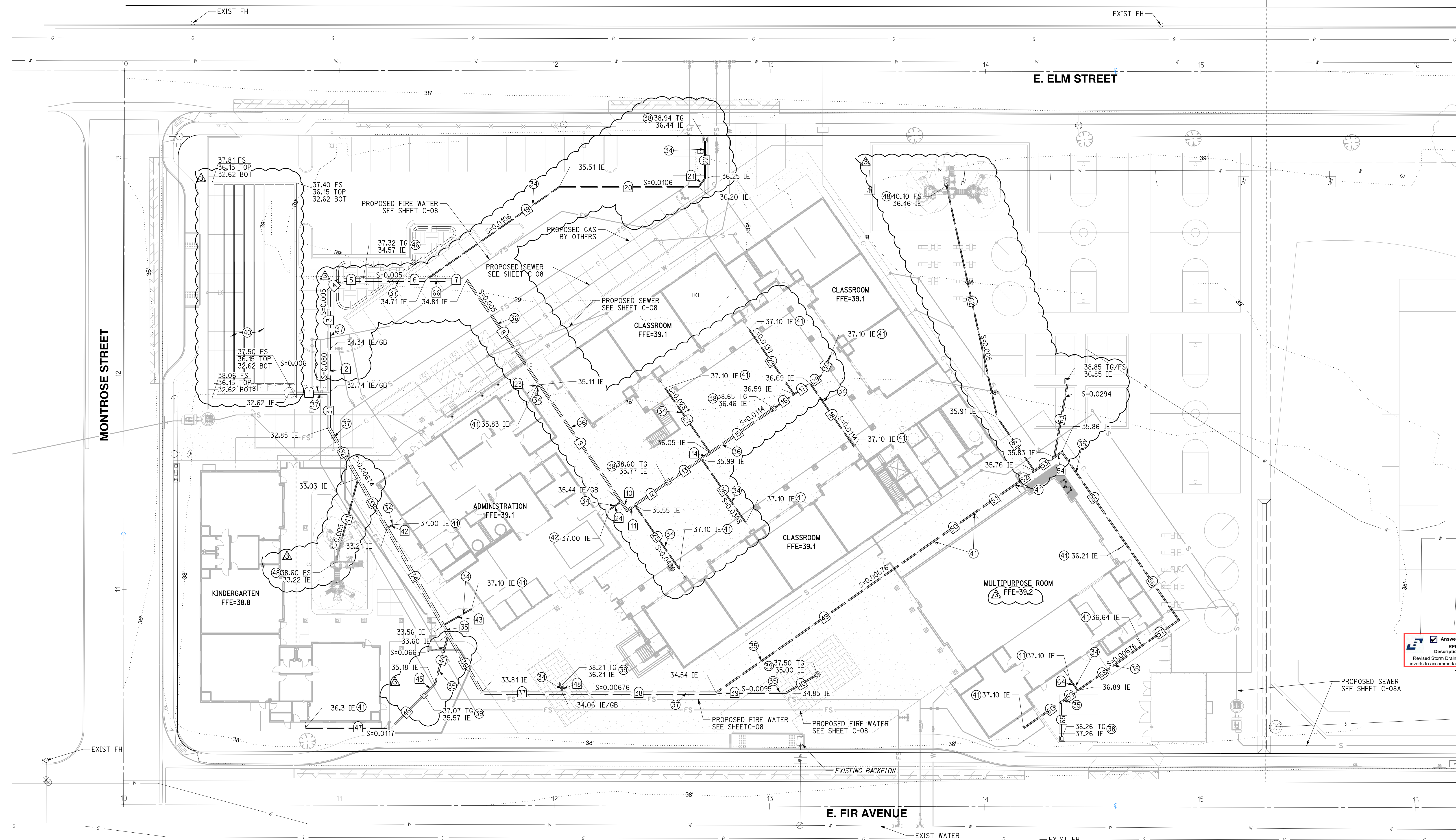
SHEET NUMBER: **C-09**

SHEET TITLE: **STORM DRAIN PLAN**



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA



STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

STORM DRAIN DATA CONT.

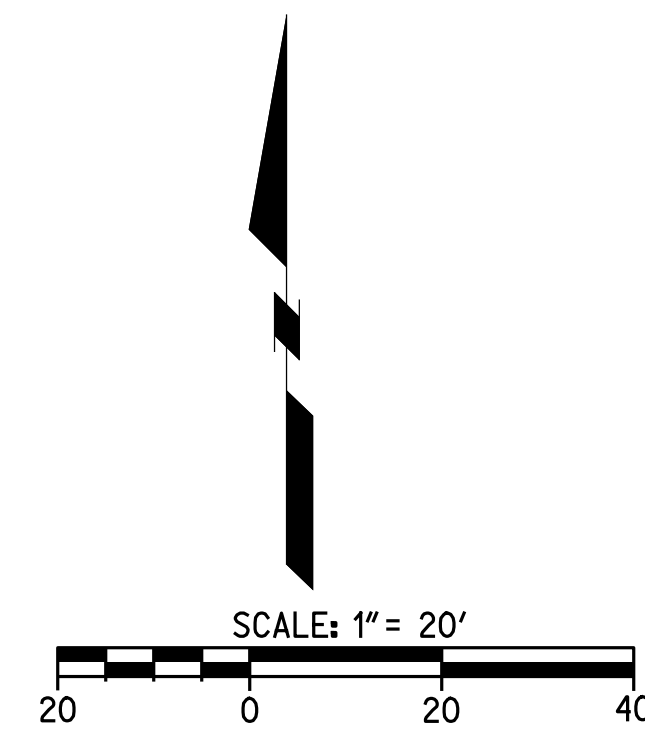
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

STORM DRAIN DATA CONT.

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



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 Know what's below.
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

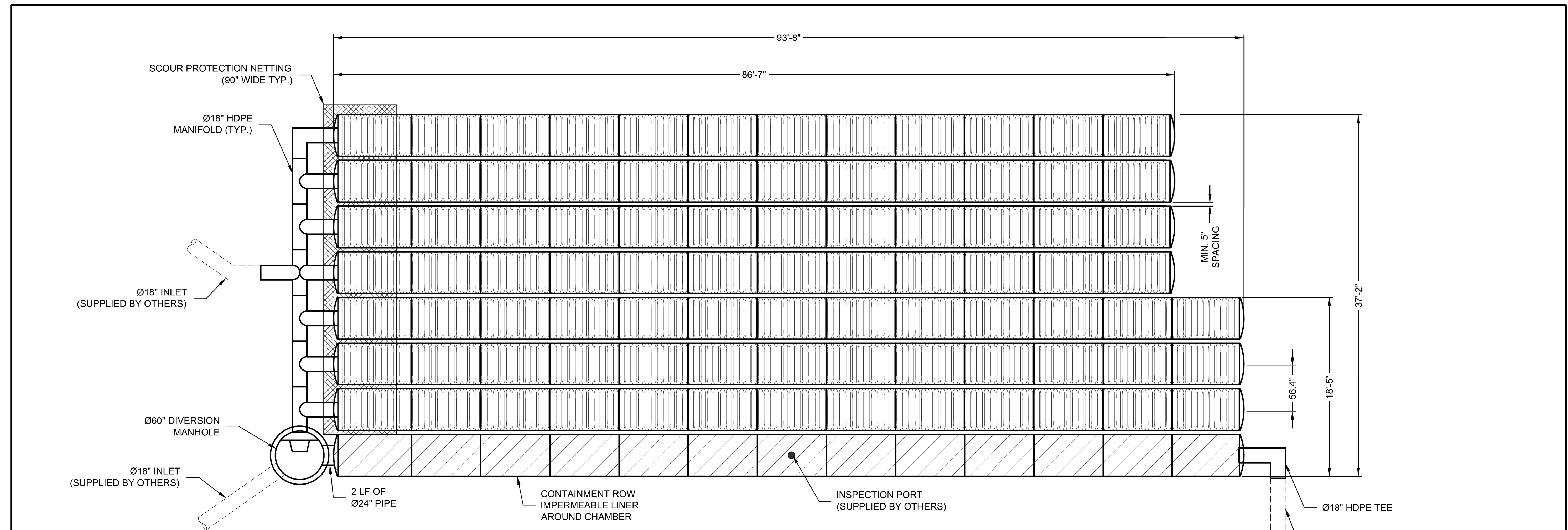
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: **C-10**
 SHEET TITLE:

STORM DRAIN DETAILS

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 rickeng@rickeng.com

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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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CHAMBERMaxx®
 PATENT PENDING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.:	SEQ. No.:	DATE:
512582	010	11/19/2014
DESIGNED:	CDH	DRAWN:
CHECKED:		APPROVED:
SHEET NO.:	1 OF 4	

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DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

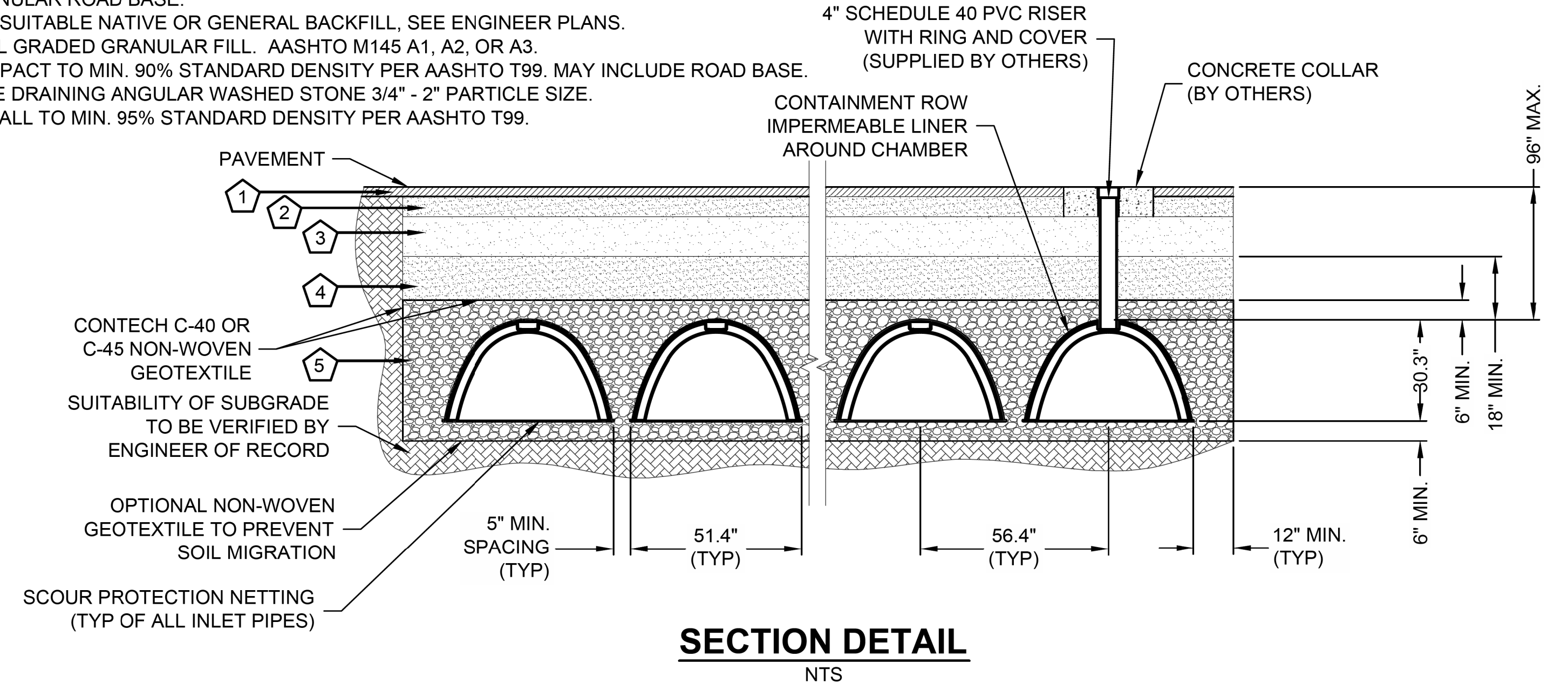
STORM DRAIN DETAILS

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 (FAX) 951.782.0723
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 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@earthlink.net

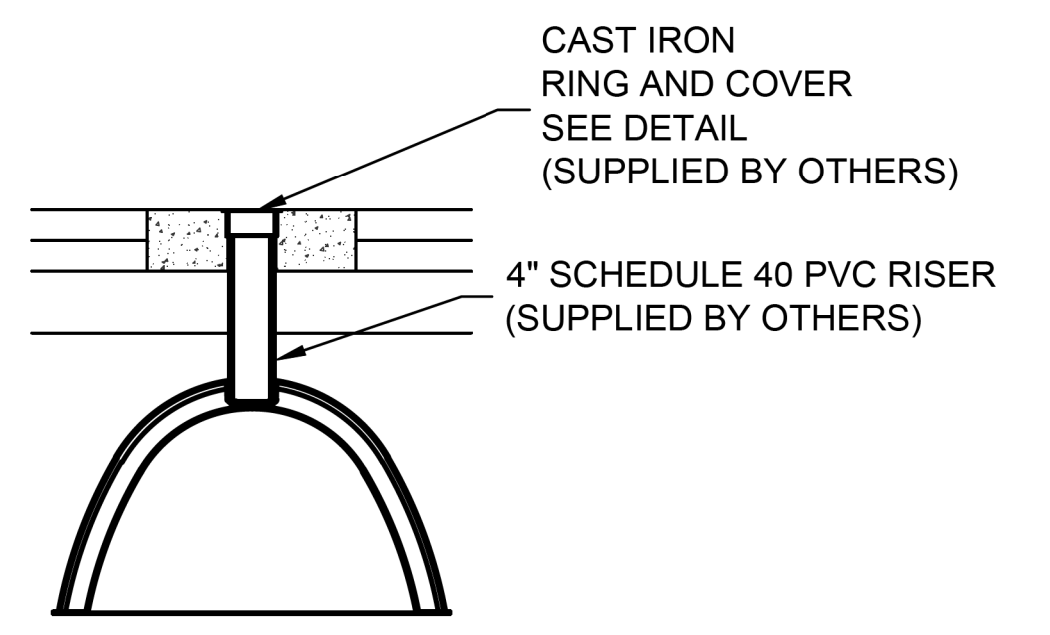
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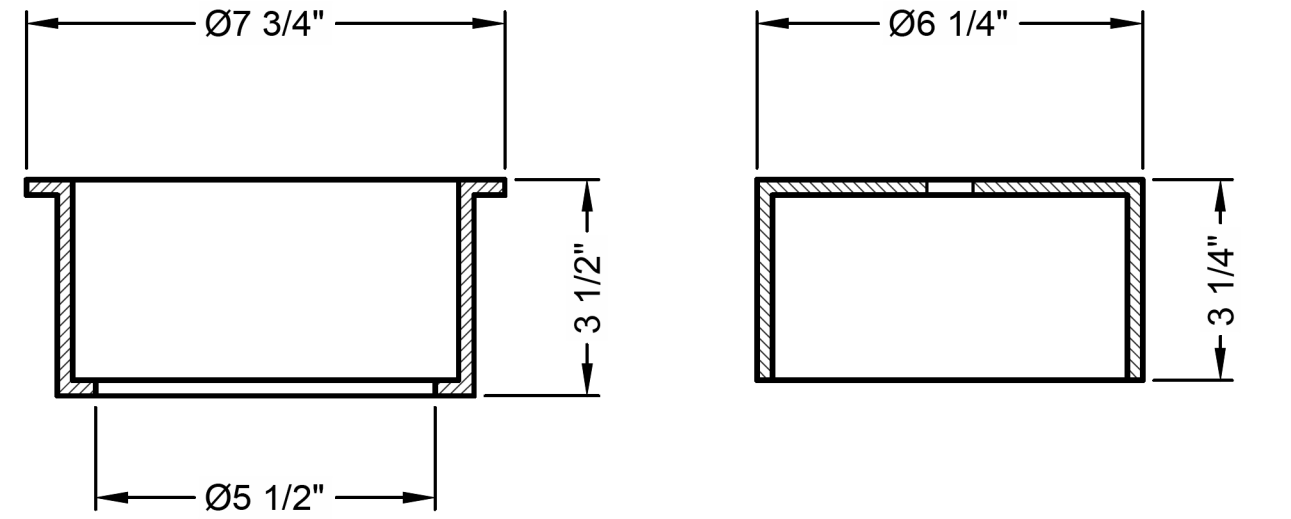
- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.



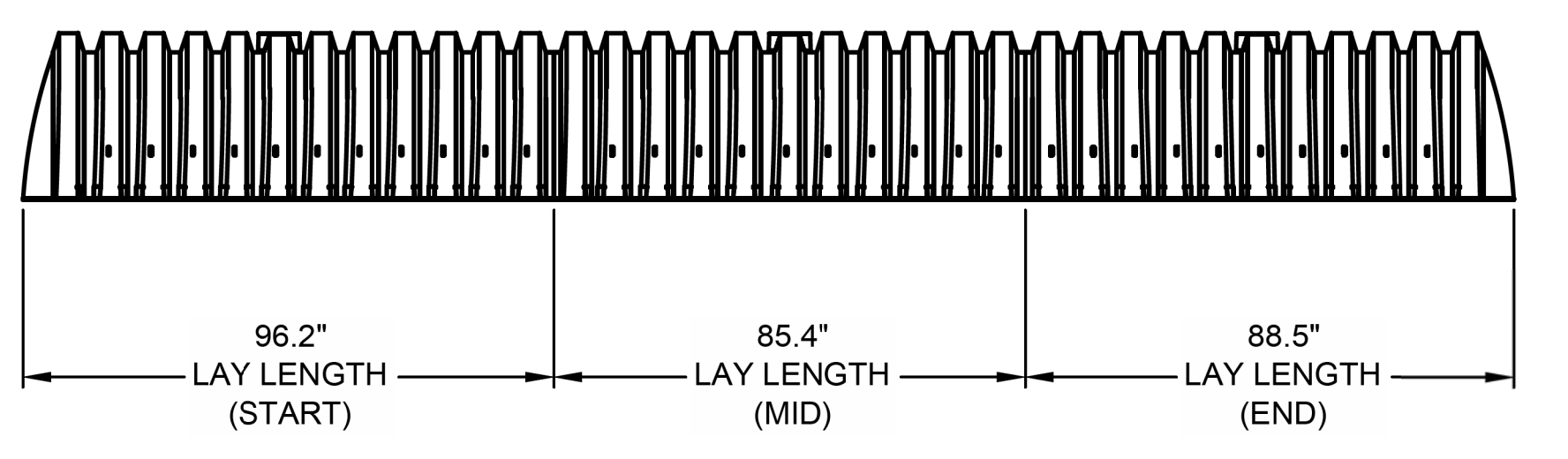
SECTION DETAIL
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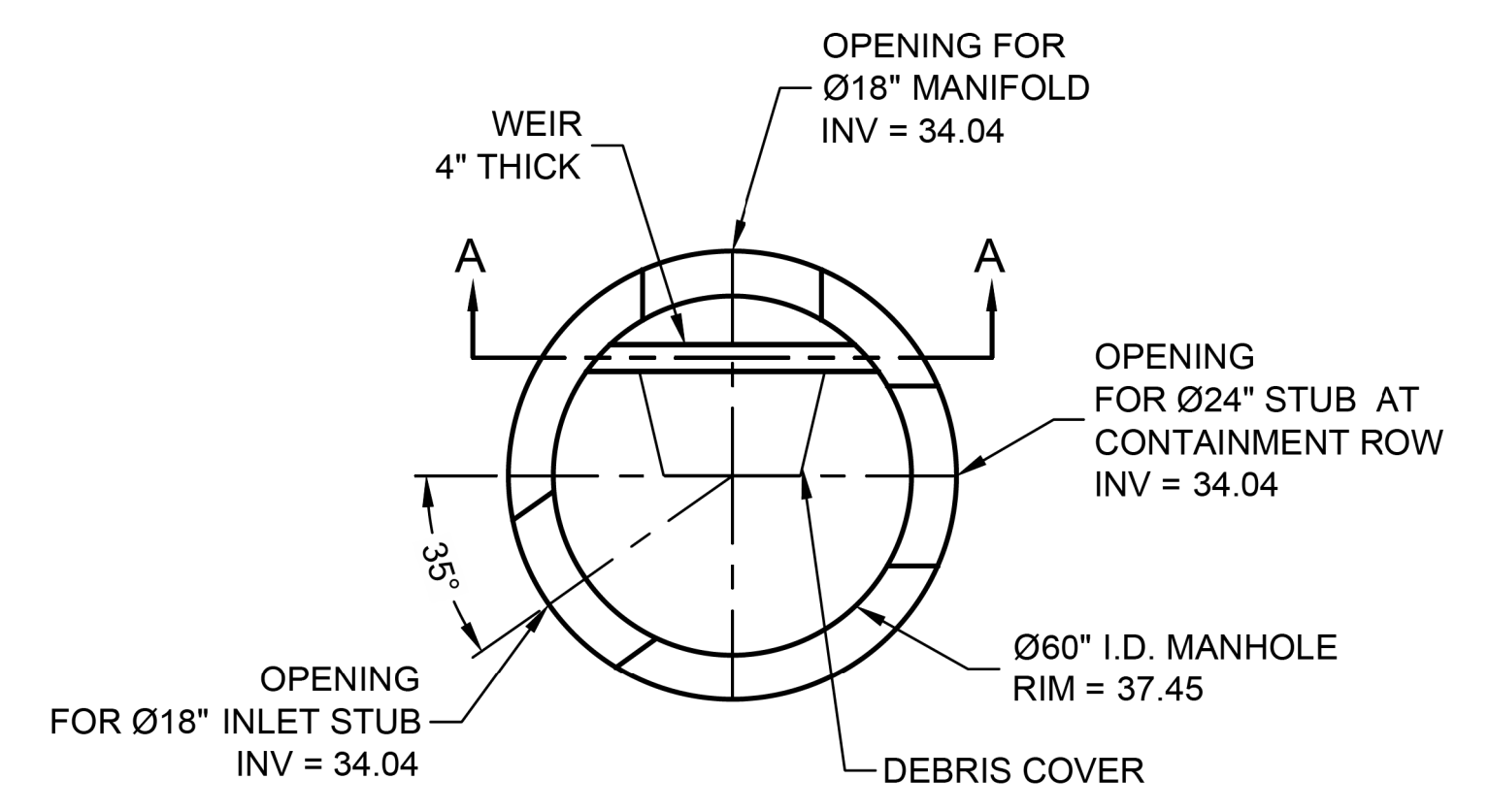
INSPECTION PORT DETAIL
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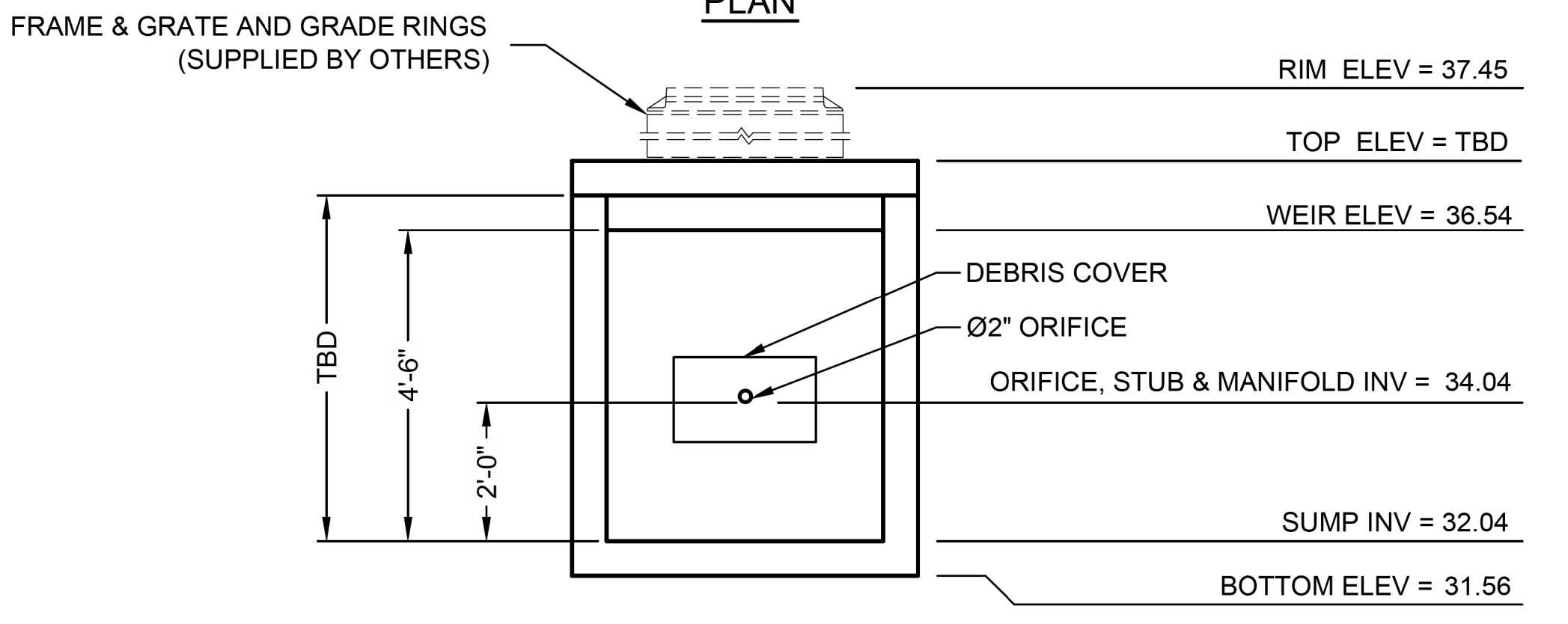
RING AND COVER DETAIL
NTS



TYPICAL ELEVATION VIEW
NTS



PLAN



SECTION A-A

DIVERSION MANHOLE DETAIL
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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 2	OF 4	

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DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: NONE
SHEET NUMBER: **C-12**
SHEET TITLE:

STORM DRAIN DETAILS



CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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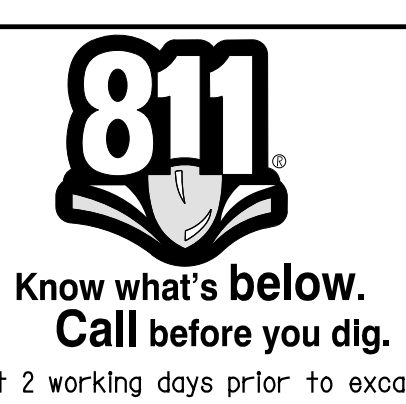
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 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
CHECKED:		APPROVED:			
SHEET NO.:	3		OF 4		



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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-13

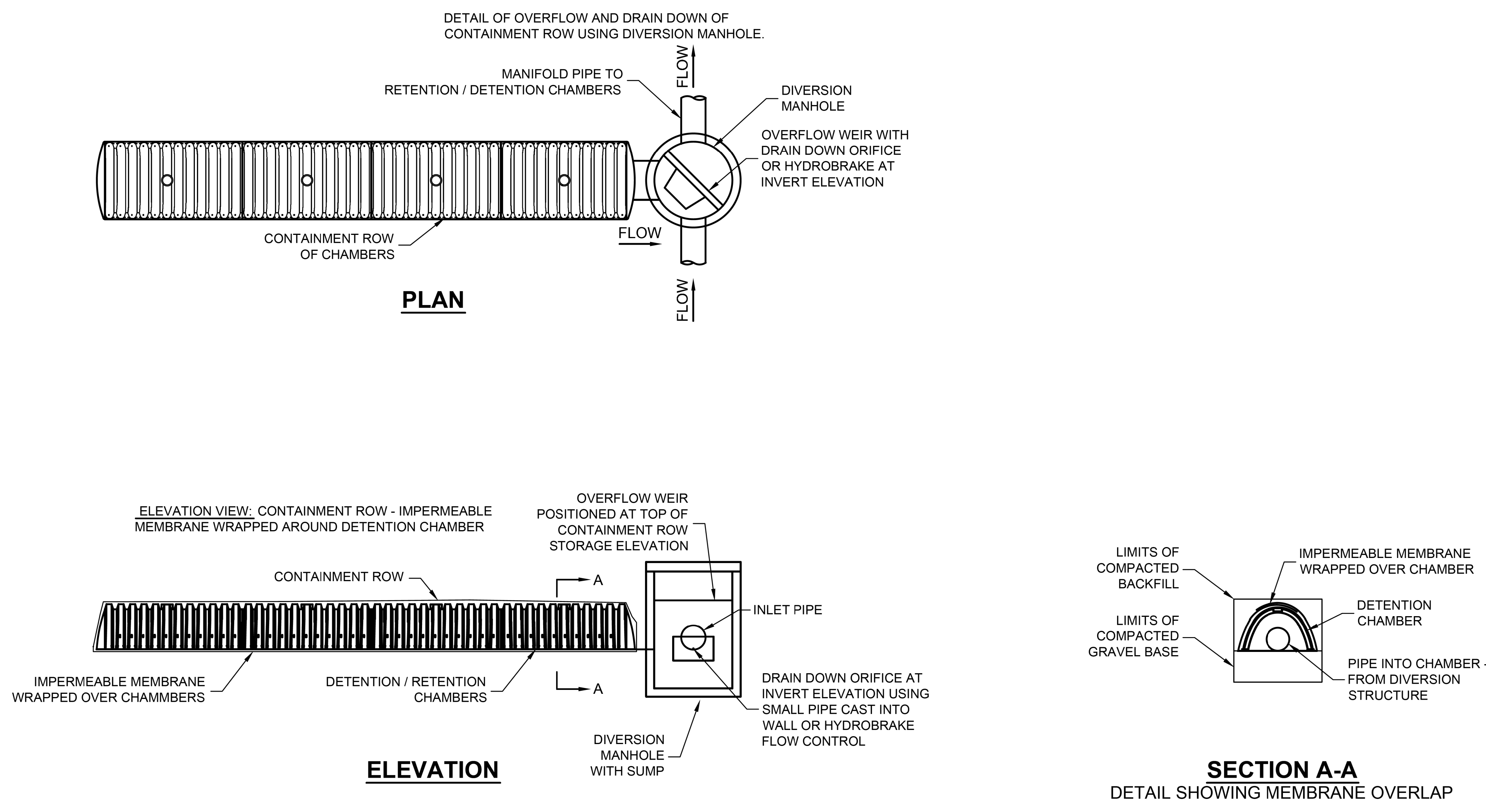
SHEET TITLE:

STORM DRAIN DETAILS

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CONTAINMENT ROW DETAILS
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 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEG. No.:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS	CHECKED:	APPROVED:
SHEET NO.:		4 OF 4			



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

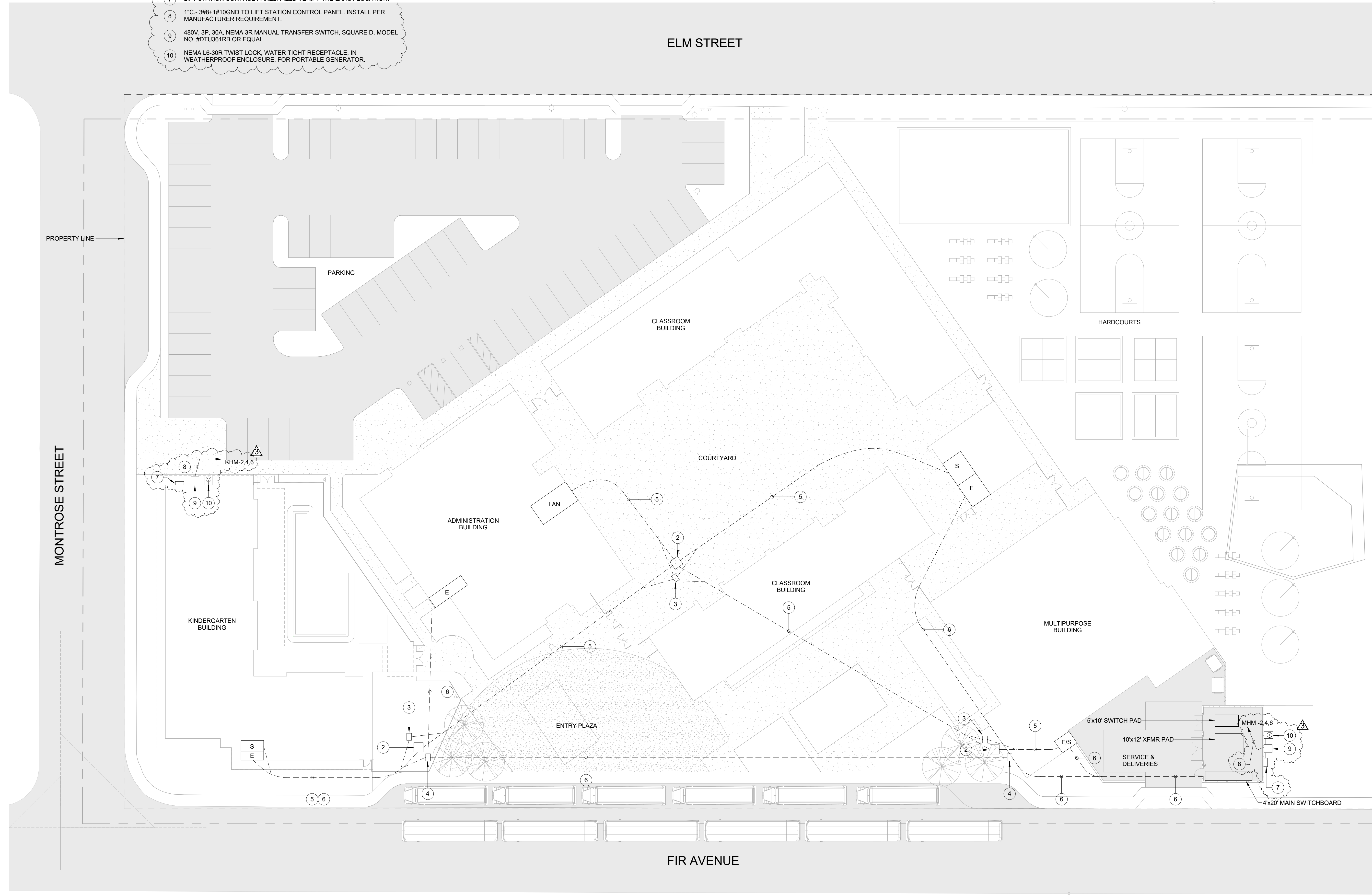


OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL

CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
(1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
(1) 2" - PAINTER COMMUNICATION/TELEPHONE SYSTEM
(1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
(1) 2" - FIRE ALARM SYSTEM
(1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
(1) 2" - FUTURE SOLAR SYSTEM
(1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
(1) 2" - FUTURE SOLAR SYSTEM
(1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" - 3/8"-1/8" IODGND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



ROSHANIAN & ASSOCIATES, INC.
ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
TEL: (323) 933-5252 FAX: (323) 933-5589

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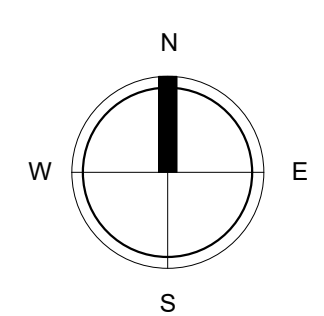
A# 03-116407
AC FLS SS
DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015
PROJECT NO: 1340159
SCALE: 1" = 20'-0"
SHEET NUMBER: **E-1.2**
SHEET TITLE:

ELECTRICAL SITE PLAN



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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

Branch Panel: KH

Location: ELEC. RM 4-116 Volts: 480/277 Wye A.I.C. Rating:
Supply From: MS Phases: 3 Mains Type: Mains Rating: 100 A
Mounting: Surface Wires: 4 MCB Rating: 100 A
Enclosure: Type 1

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	KHM	150 A	3	2271 VA	2401 VA			100 A	KHL	2
3		--	--		2271 VA	4374 VA		--		4
5		--	--			2271 VA	0 VA	--		6
7	TR-K	50 A	3	6251 VA				--		8
9		--	--		5280 VA			--		10
11		--	--			8164 VA		--		12
13		--	--					--		14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

Total Load: 10924 VA 11925 VA 10435 VA
Total Amps: 40 A 43 A 38 A

Legend:	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	10705 VA	100.00%	10705 VA	Total Conn. Load: 33331 VA Total Est. Demand: 35001 VA Total Conn.: 40 A Total Est. Demand: 42 A
Lighting	6681 VA	125.00%	8351 VA	
Other	216 VA	100.00%	216 VA	
Power	9609 VA	100.00%	9609 VA	
Receptacle	6120 VA	100.00%	6120 VA	

Branch Panel: KHL

Location: ELEC. RM 4-116 Volts: 480/277 Wye A.I.C. Rating:
Supply From: KH Phases: 3 Mains Type: Mains Rating: 100 A
Mounting: Surface Wires: 4 MCB Rating: 100 A
Enclosure: Type 1

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CLASSROOM 4-104 LIGHTING	20 A	1	1971 VA	433 VA					2
3	CLASSROOM 4-101, 4-102, 4-103 LIGHTING	20 A	1		4374 VA				25 A KHE	4
5										6
7										8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

Total Load: 2404 VA 4374 VA 0 VA
Total Amps: 10 A 17 A 0 A

Legend:	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	6681 VA	125.00%	8351 VA	Total Conn. Load: 6822 VA Total Est. Demand: 8492 VA Total Conn.: 8 A Total Est. Demand: 10 A
Other	141 VA	100.00%	141 VA	

Branch Panel: KHM

Location: ELEC. RM 4-116 Volts: 480/277 Wye A.I.C. Rating:
Supply From: KH Phases: 3 Mains Type: Mains Rating: 100 A
Mounting: Surface Wires: 4 MCB Rating: 100 A
Enclosure: Type 1

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CJ-5	50 A	3	942 VA	1330 VA			20 A	LIFT STATION CONTROL PANEL (1)	2
3		--	--		942 VA	1330 VA		--		4
5		--	--			942 VA	1330 VA	--		6
7		--	--					--		8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

Total Load: 2271 VA 2271 VA 2271 VA
Total Amps: 8 A 8 A 8 A

Legend:	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2825 VA	100.00%	2825 VA	Total Conn. Load: 5814 VA Total Est. Demand: 5814 VA Total Conn.: 8 A Total Est. Demand: 8 A
Power	3989 VA	100.00%	3989 VA	

Notes:
(1) SEE SHEET E-1.2 FOR EXACT LOCATION OF LIFT STATION CONTROL PANEL.

INVERTER: KHE (1KVA)

Location: ELEC. RM 4-116 Volts: 277 Single A.I.C. Rating:
Supply From: KHL Phases: 1 Mains Type: Mains Rating: 400 A
Mounting: Surface Wires: 2 MCB Rating: 25 A
Enclosure: Type 2

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	EXTERIOR BUILDING LIGHTING	1	400 A	20 A	433 VA	
2						
3						
4						
5						
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7						
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19						
20						

Total Conn. Load: 438 VA
Total Amps: 2 A

Legend:	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	297 VA	125.00%	371 VA	Total Conn. Load: 438 VA Total Est. Demand: 512 VA Total Conn.: 2 A Total Est. Demand: 2 A
Other	141 VA	100.00%	141 VA	



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DATE ISSUED: Mar. 06, 2015
PROJECT NO: 1340159
SCALE: _____

E4-5.1

SHEET NUMBER: _____
SHEET TITLE: _____

KINDERGARTEN
PANEL
SCHEDULE



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.898.3380 WWW.SVA-ARCHITECTS.COM

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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA



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REVISIONS:	DESCRIPTION	DATE
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DATE ISSUED: Mar. 06, 2015

PROJECT NO: 1340159

SCALE:

SHEET NUMBER: E2-5.1

SHEET TITLE:

MULTI-PURPOSE PANEL SCHEDULE

Branch Panel: MH. Location: ELECTRICAL ROOM 2-102. Volts: 480/277 Wye. Phases: 3. Wires: 4. A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A. Includes circuit table and legend.

Branch Panel: MHM. Location: ELECTRICAL ROOM 2-102. Volts: 480/277 Wye. Phases: 3. Wires: 4. A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A. Includes circuit table, legend, and notes.

Branch Panel: MHL. Location: ELECTRICAL ROOM 2-102. Volts: 480/277 Wye. Phases: 3. Wires: 4. A.I.C. Rating: Mains Type: Mains Rating: 125 A MCB Rating: 125 A. Includes circuit table and legend.

INVERTER: MHE (1KVA). Location: ELECTRICAL ROOM 2-102. Volts: 277 Single. Phases: 1. Wires: 2. A.I.C. Rating: Mains Type: Mains Rating: 25 A MCB Rating: 25 A. Includes table and legend.



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ROSEBURG, OR, 97470
P: 541-496-9678
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INFO@ROMTECUTILITIES.COM



Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

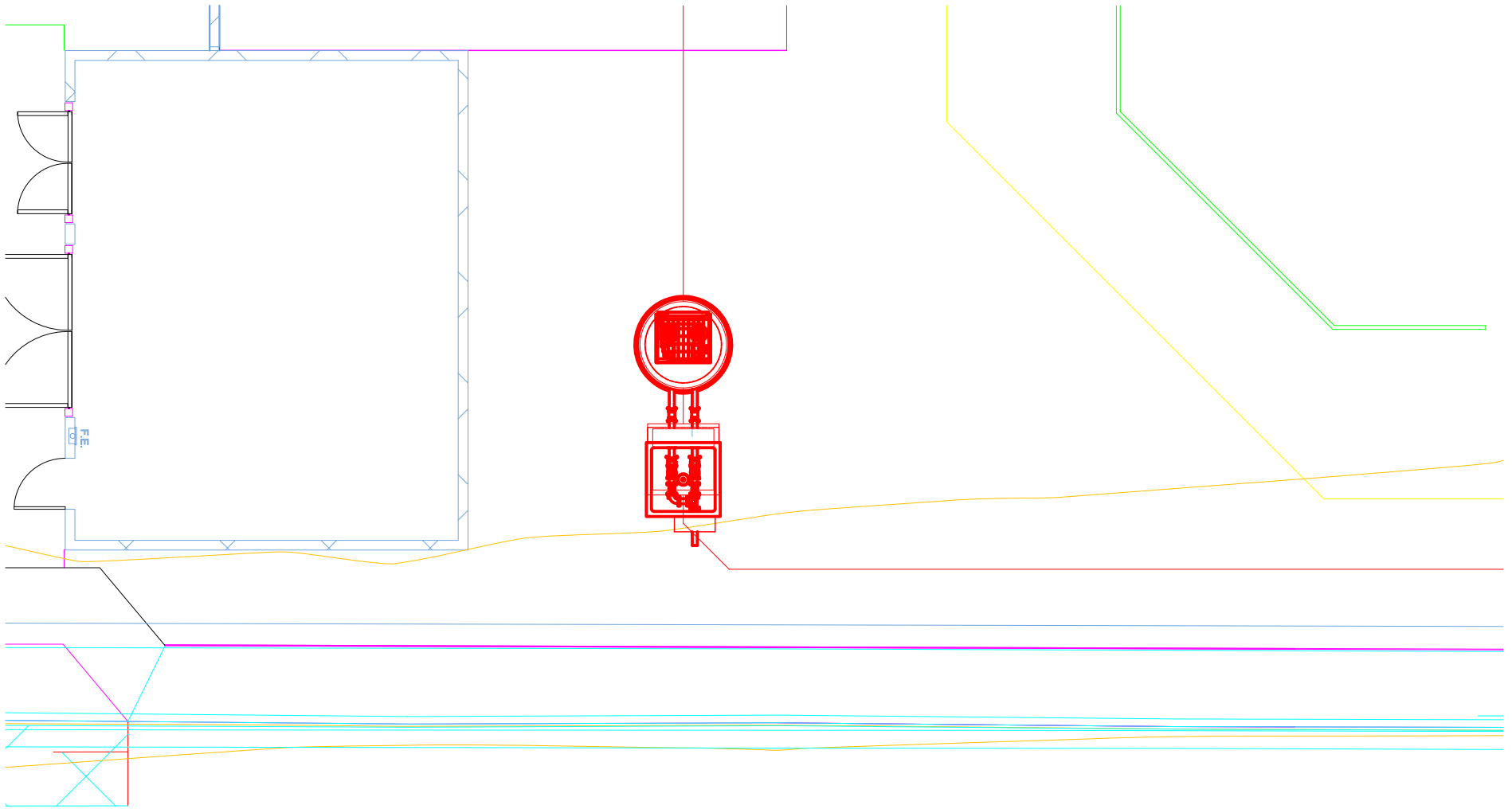
2.9 Exclusions

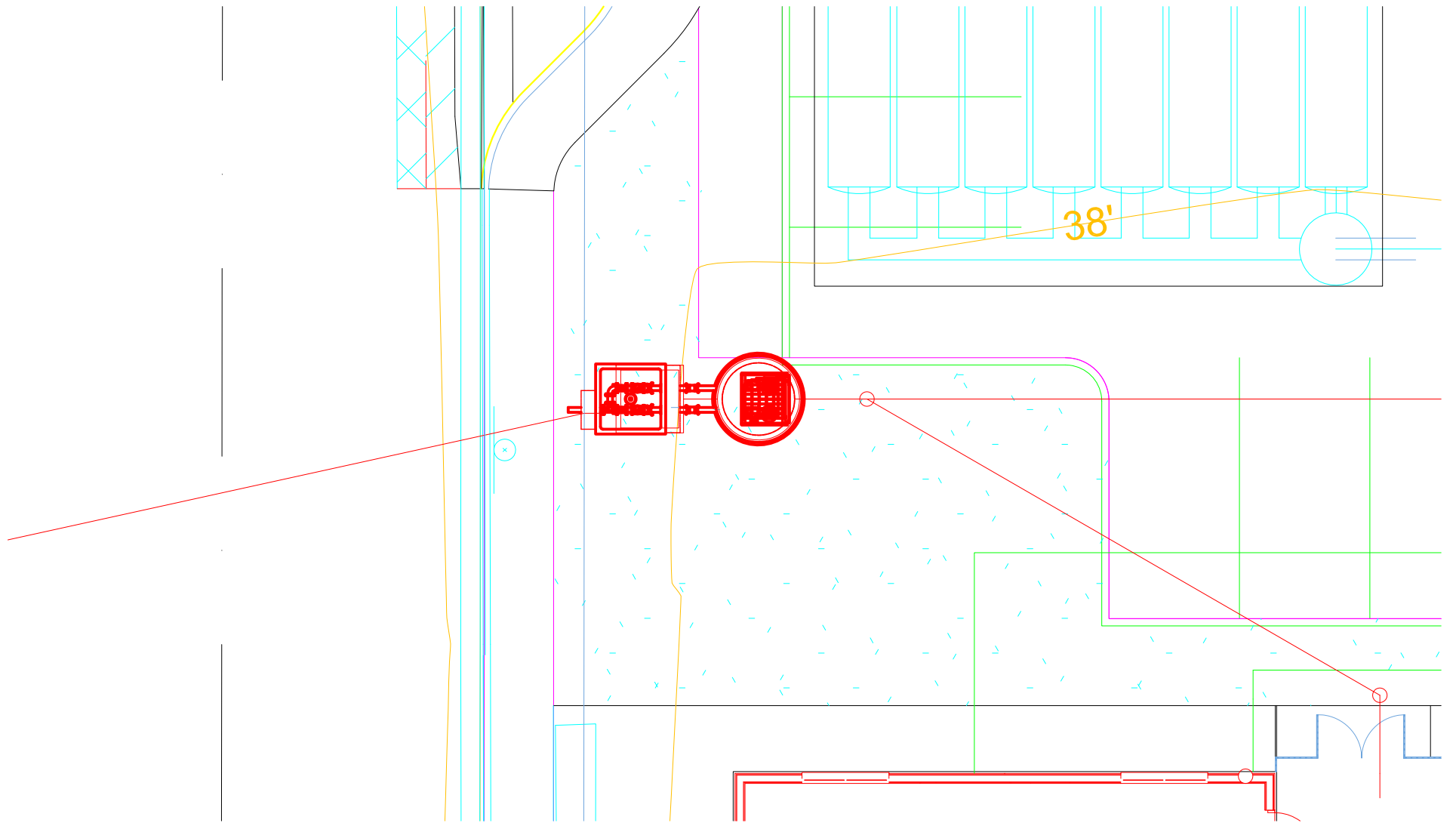
- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable





OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

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DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
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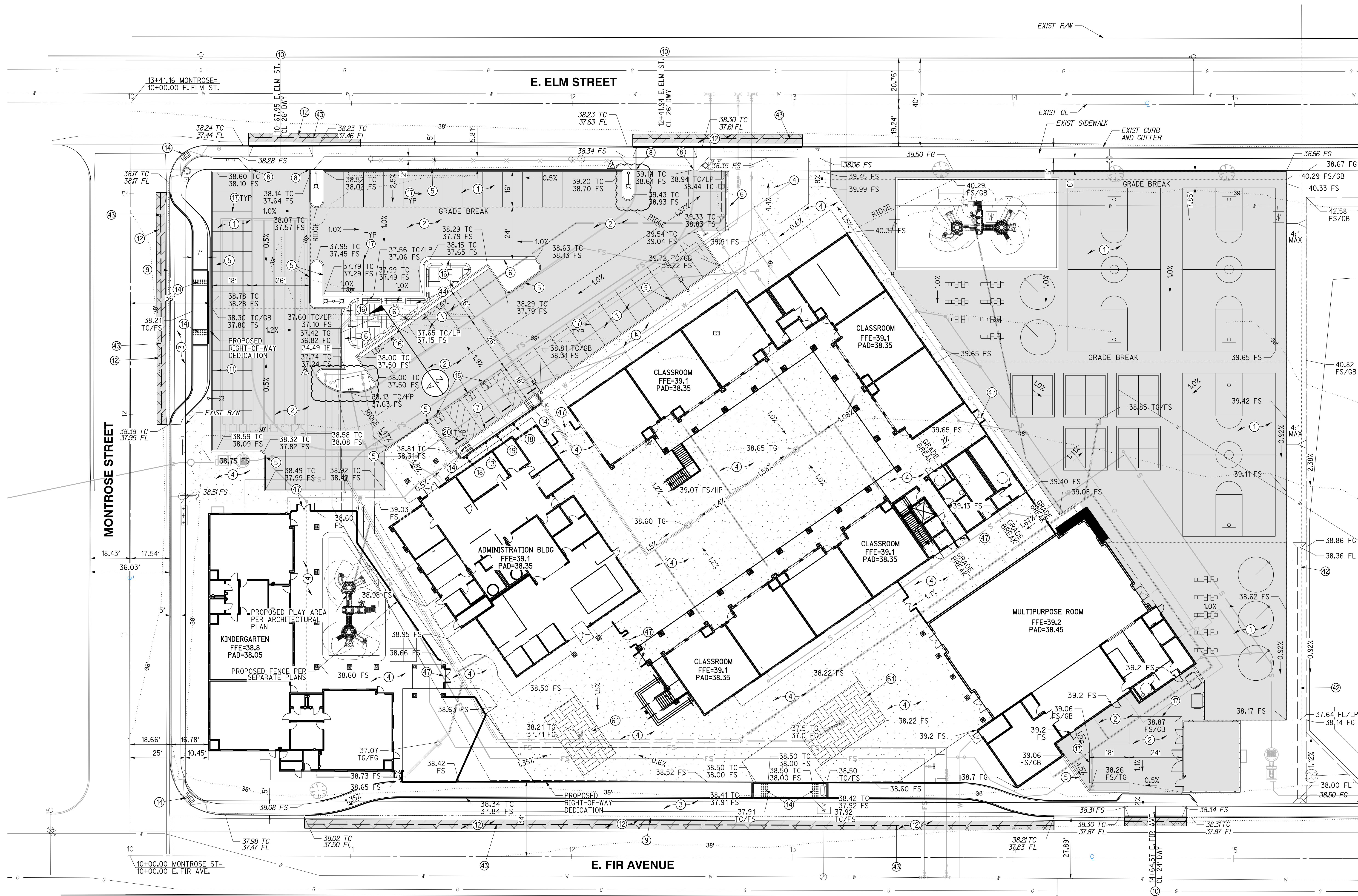
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GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

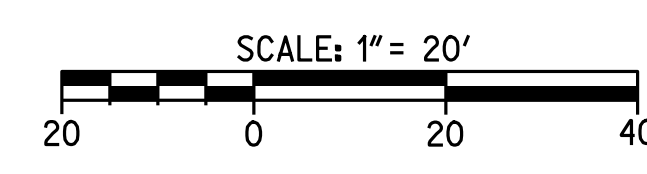
• SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE •	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE •	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE •	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OCED UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

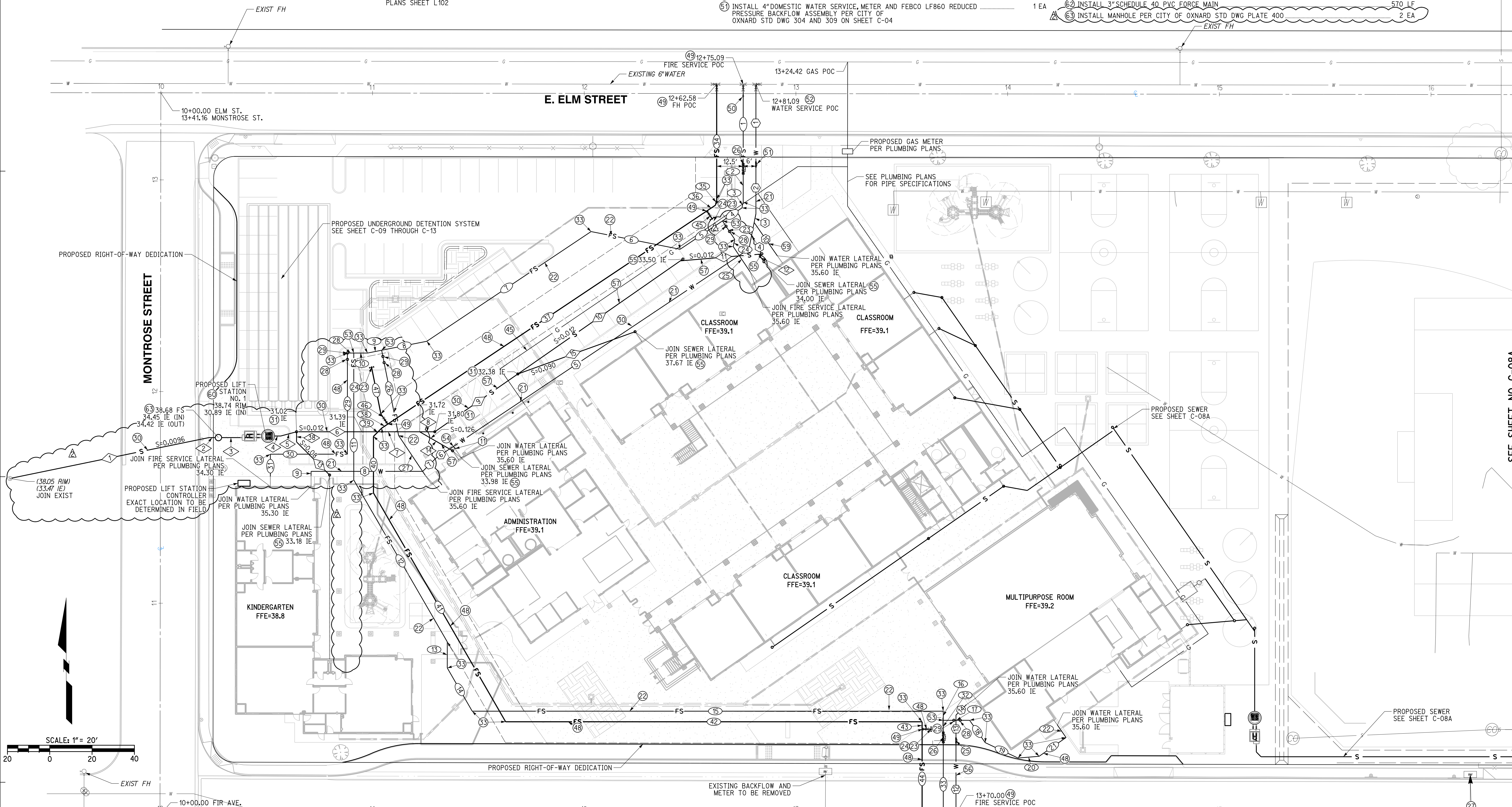
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

21	INSTALL 4" C-900 PVC WATER SERVICE	250 LF	28	INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS	4 EA	62	INSTALL 6"x6"x4" TEE	1 EA
22	INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE	1,000 LF	29	INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS	4 EA	63	INSTALL 8"x8"x8" TEE	5 EA
23	INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	30	INSTALL 6" SDR-35 PVC SEWER	600 LF	64	INSTALL 4"x4"x4" TEE	1 EA
24	INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04	2 EA	31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA	65	INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	10 EA
25	INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04	1 EA	32	CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401	2 EA	66	INSTALL 2.5" COPPER WATER SERVICE	50 LF
26	INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311	2 EA	33	INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320	30 EA	67	INSTALL 4" SDR-35 PVC SEWER	350 LF
27	CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET L102	1 EA	34	INSTALL GAS SERVICE BY OTHERS	850 LF	68	INSTALL 2"D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	95 LF
			35	INSTALL 6" C-900 PVC FIRE SERVICE	700 LF	69	INSTALL 2.5"D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	25 LF
			36	INSTALL 6"x6"x6" TEE	7 EA	70	INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
			37	INSTALL 8" TO 6" REDUCER	2 EA	71	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
			38	INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04	1 EA	72	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/IB PVC
7	N 45°00'00" E		8.95'	2" D2241/IB PVC
8	N 90°00'00" W		52.75'	2" D2241/IB PVC
9	N 0°00'00" E		2.00'	2" D2241/IB PVC
10	N 34°49'35" W		19.14'	2" D2241/IB PVC
11	N 33°45'00" W		1.47'	2.5" COPPER
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/IB PVC
14	N 45°00'00" E		6.93'	2.5" D2241/IB PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	6" SDR-35 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		8.81'	6" SDR-35 PVC
4	N 90°00'00" W		3.00'	6" SDR-35 PVC
5	N 75°00'00" E		7.73'	6" SDR-35 PVC
6	N 90°00'00" W		30.84'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		22.08'	4" SDR-35 PVC
14	N 60°00'00" W		17.98'	4" SDR-35 PVC
15	N 20°09'36" E		58.87'	4" SDR-35 PVC
16	N 0°00'00" E		4.83'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

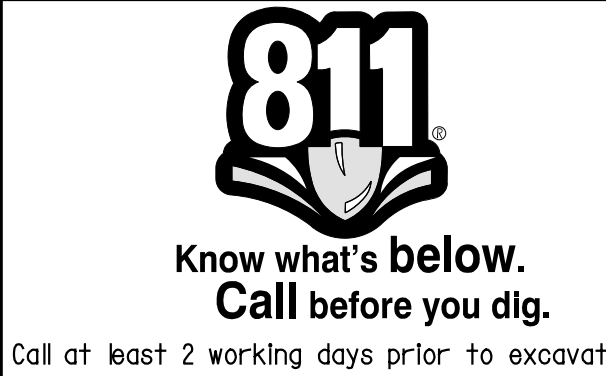
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" E		11.09'	8" C-900 PVC
5	N 56°15'00" E		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		93.30'	8" C-900 PVC
8	N 78°45'00" W		21.76'	8" C-900 PVC
9	N 78°45'00" E		6.77'	8" C-900 PVC
10	N 90°00'00" W		6.52'	8" C-900 PVC
11	N 0°00'00" E		59.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		3.52'	8" C-900 PVC
25	N 33°45'00" W		14.35'	8" C-900 PVC
26	N 11°15'00" W		41.05'	8" C-900 PVC
27	N 33°45'00" W		22.52'	8" C-900 PVC
28	N 90°00'00" W		3.00'	8" C-900 PVC
29	N 0°00'00" E		47.79'	8" C-900 PVC
30	N 90°00'00" W		36.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		4.42'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.47'	6" C-900 PVC
48	N 90°00'00" W		4.25'	6" C-900 PVC



CAUTION:
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-08A**

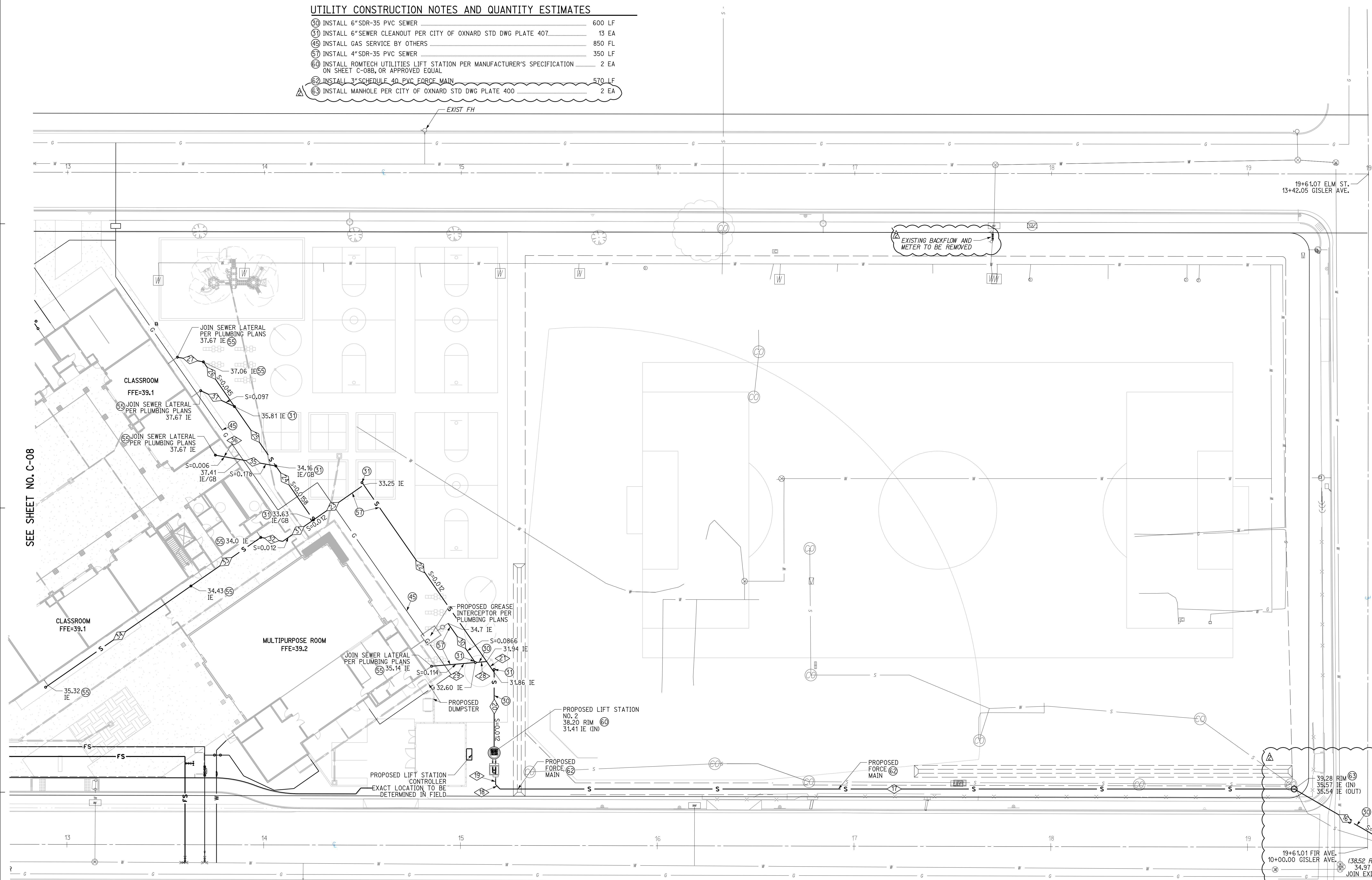
SHEET TITLE:

UTILITY PLAN



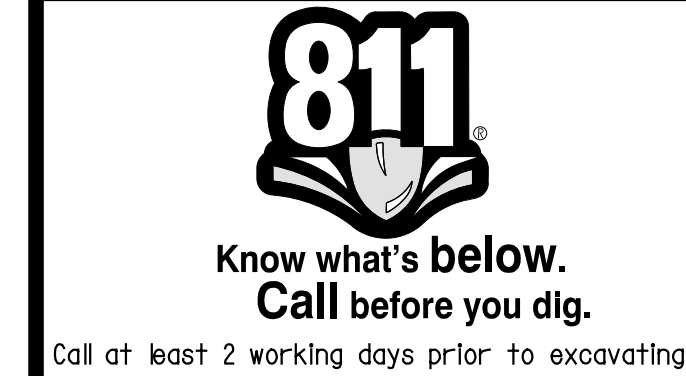
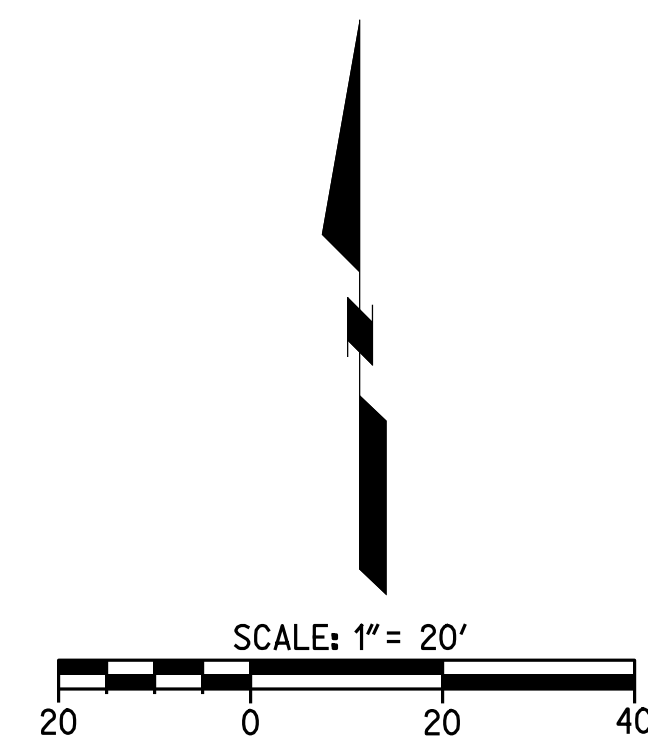
UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- 30 INSTALL 6"SDR-35 PVC SEWER 600 LF
- 31 INSTALL 6"SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 13 EA
- 45 INSTALL GAS SERVICE BY OTHERS 850 FL
- 57 INSTALL 4"SDR-35 PVC SEWER 350 LF
- 60 INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL 2 EA
- 62 INSTALL 3" SCHEDULE 40 PVC FORCE MAIN 570 LF
- 63 INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400 2 EA



NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W	3.18'	3" SCH-40 PVC	
19	N 0°00'00" E	3.00'	3" SCH-40 PVC	
20	N 0°00'00" E	37.73'	6" SDR-35 PVC	
21	N 34°50'27" W	6.69'	6" SDR-35 PVC	
22	N 34°50'27" W	109.32'	6" SDR-35 PVC	
23	N 55°09'36" E	31.17'	6" SDR-35 PVC	
24	N 34°50'27" W	33.43'	6" SDR-35 PVC	
25	N 34°50'27" W	36.76'	6" SDR-35 PVC	

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



CAUTION:
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

AC _____ FLS _____ SS _____

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▲ BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: **C-08B**

SHEET TITLE:

LIFT STATION DETAILS



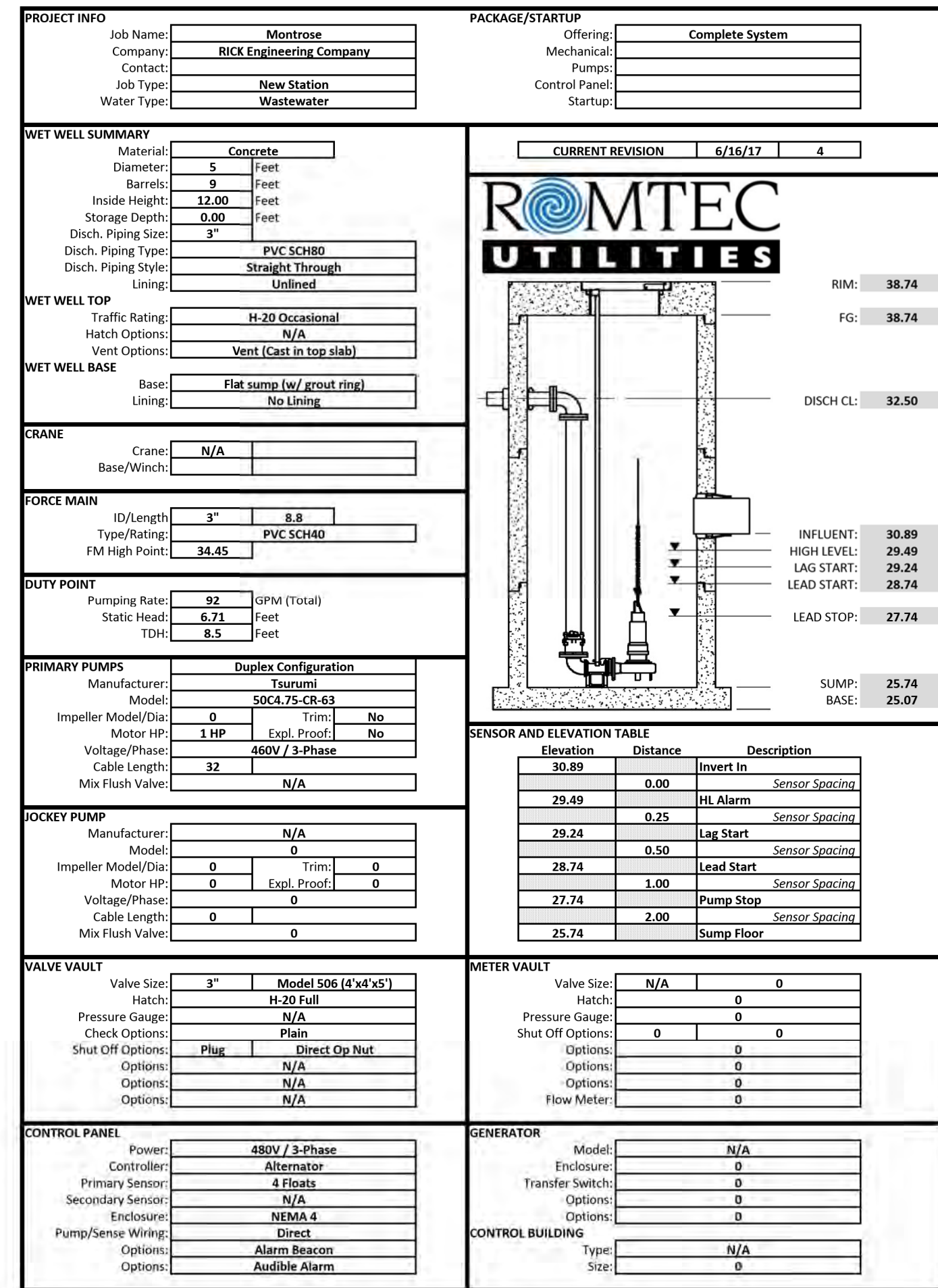
1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
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 Sacramento - Bakersfield - Tucson - Phoenix
 RICKS@ENGINEERING.COM

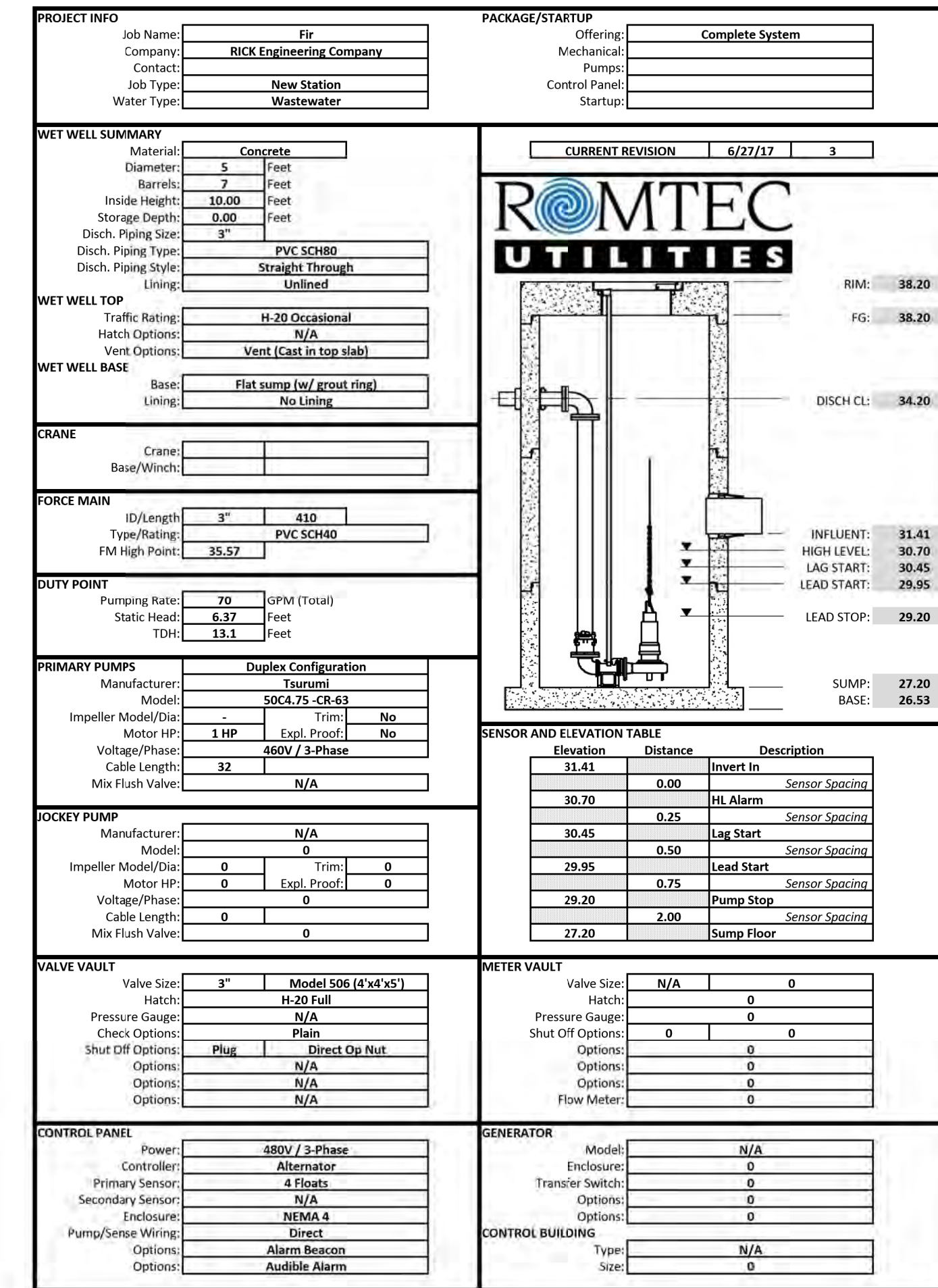


ARCHITECTS

3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM



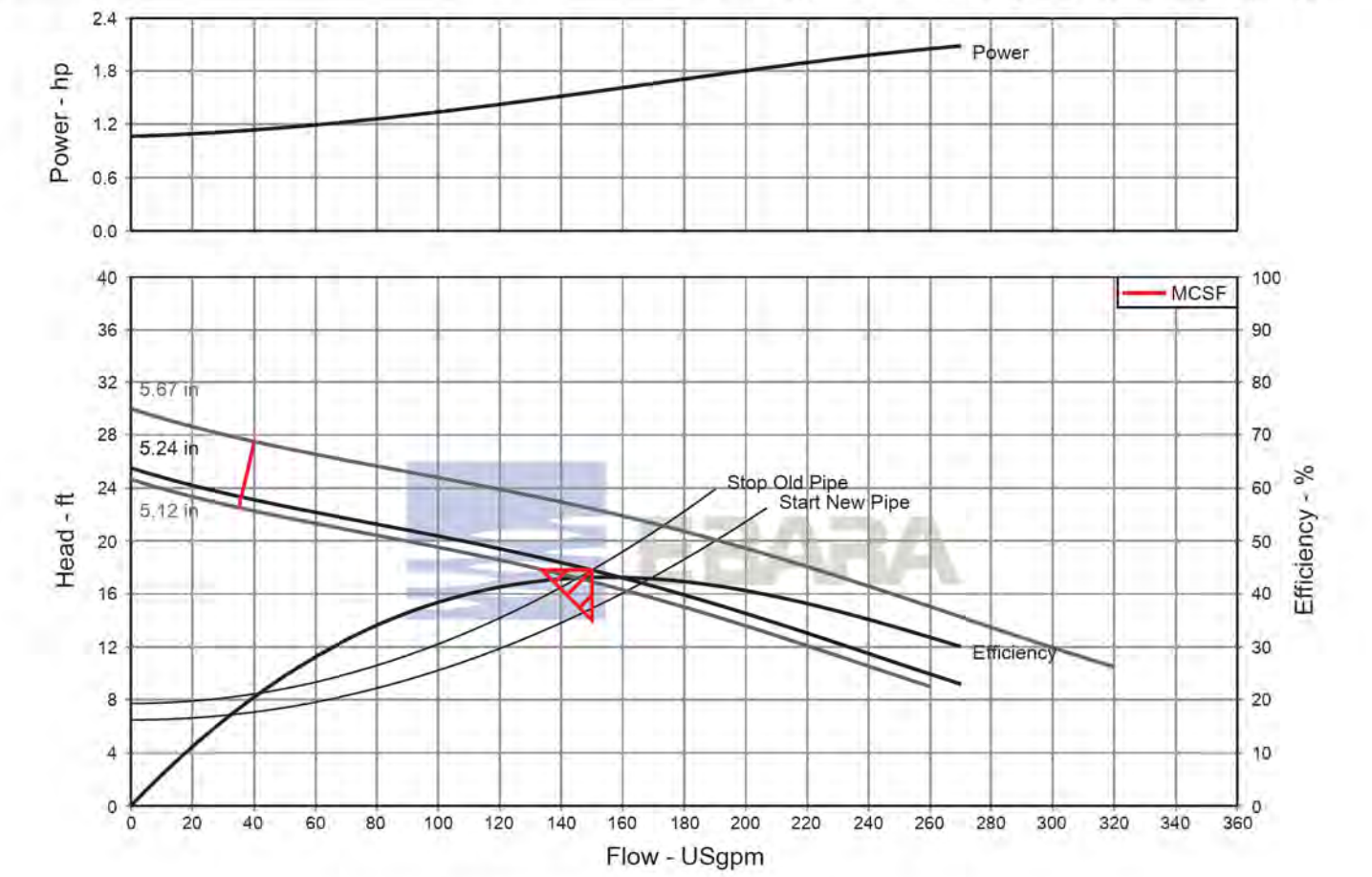
Montrose - PRELIMINARY DESIGN - 6-15-17.xlsx



Fir - PRELIMINARY DESIGN - 6-27-17.xlsx

EBARA Pump Performance Datasheet
 Ebara Question System 17.1.4.0

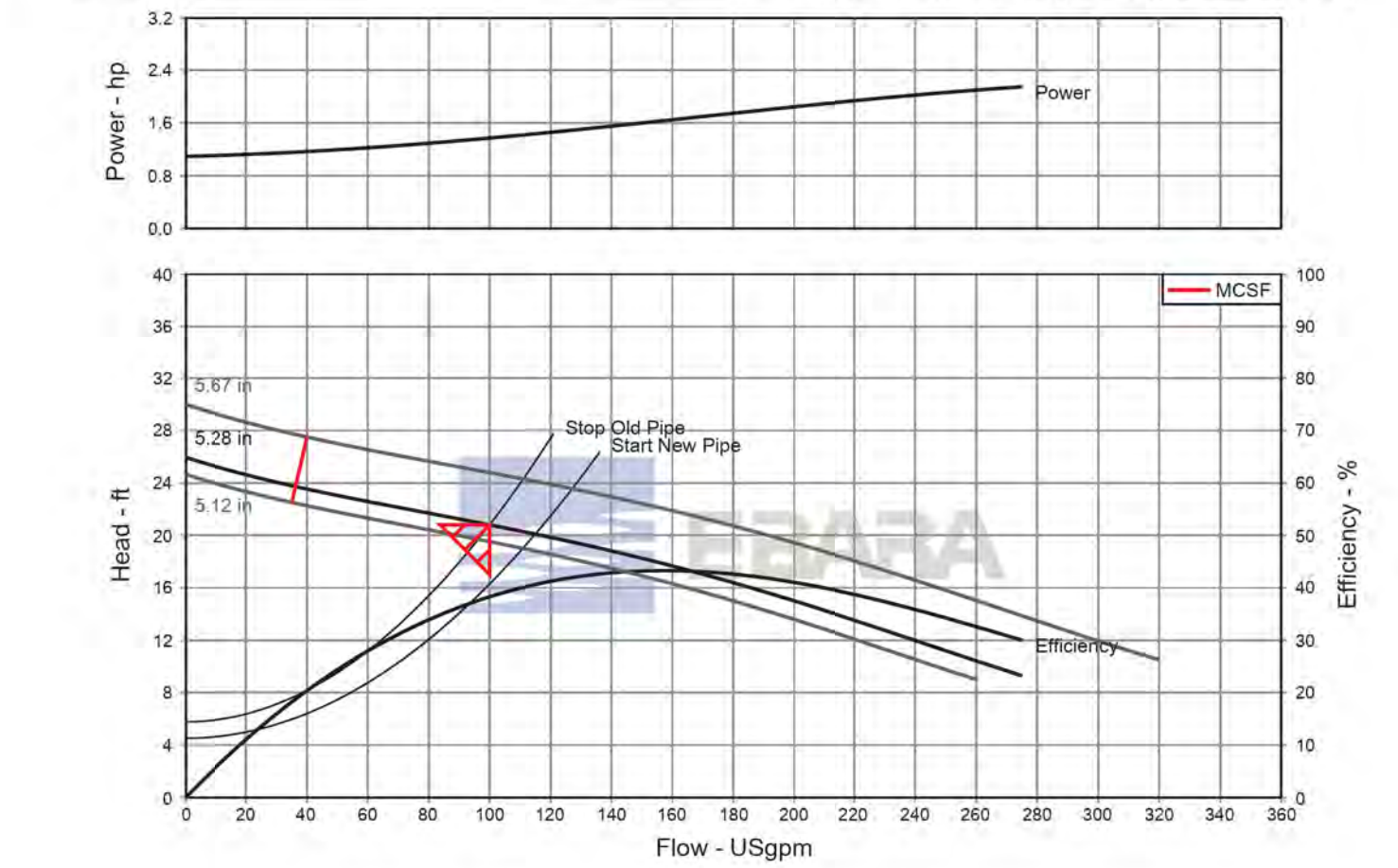
Item number	Default	Product Description	800VBFU62.2
Service	1	Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:54 PM
Operating Conditions		Liquid	Water
Flow, rated	150.0 USgpm	Liquid type	Water
Differential head / pressure, rated (requested)	17.80 ft	Additional liquid description	
Differential head / pressure, rated (actual)	18.35 ft	Solids diameter, max	0.00 in
Suction pressure, rated / max	0.00 / 0.00 psi g	Solids concentration, by volume	0.00 %
NPSH available, rated	Ample	Temperature, max	88.00 deg F
Frequency	60 Hz	Fluid density, rated / max	1.000 / 1.000 SG
Performance		Viscosity, rated	1.00 cP
Speed, rated	1740 rpm	Vapor pressure, rated	0.00 psi a
Impeller diameter, rated	5.24 in	Material	Cast Iron
Impeller diameter, maximum	5.67 in	Material selected	Cast Iron
Impeller diameter, minimum	5.12 in	Pressure Data	
Efficiency	45.10 %	Maximum working pressure	11.04 psi g
NPSH required / margin required	< 0.00 ft	Maximum allowable working pressure	N/A
Ns (imp. eye flow) / Nss (imp. eye flow)	2,377 / - US Units	Maximum allowable suction pressure	N/A
MCSF	35.84 USgpm	Hydrostatic test pressure	N/A
Head, maximum, rated diameter	25.51 ft	Driver & Power Data (@Max density)	
Head rise to shutoff	43.29 ft	Driver sizing specification	Rated power
Flow, best eff. point	155.1 USgpm	Margin over specification	0.00 %
Flow ratio, rated / BEP	96.71 %	Service factor	1.00
Diameter ratio (rated / max)	92.36 %	Power, hydraulic	0.67 hp
Head ratio (rated dia / max dia)	79.38 %	Power, rated	1.56 hp
Cq/Cv/Ce/Cn (ANSI/HI 9.6.7-2010)	1.00 / 1.00 / 1.00 / 1.00	Power, maximum, rated diameter	2.09 hp
Selection status	Acceptable	Minimum recommended motor rating	3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 1

EBARA Pump Performance Datasheet
 Ebara Question System 17.1.4.0

Item number	Default	Product Description	800VBFU62.2
Service	1	Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:07 PM
Operating Conditions		Liquid	Water
Flow, rated	100.0 USgpm	Liquid type	Water
Differential head / pressure, rated (requested)	20.80 ft	Additional liquid description	
Differential head / pressure, rated (actual)	20.37 ft	Solids diameter, max	0.00 in
Suction pressure, rated / max	0.00 / 0.00 psi g	Solids concentration, by volume	0.00 %
NPSH available, rated	Ample	Temperature, max	88.00 deg F
Frequency	60 Hz	Fluid density, rated / max	1.000 / 1.000 SG
Performance		Viscosity, rated	1.00 cP
Speed, rated	1740 rpm	Vapor pressure, rated	0.00 psi a
Impeller diameter, rated	5.28 in	Material	Cast Iron
Impeller diameter, maximum	5.67 in	Material selected	Cast Iron
Impeller diameter, minimum	5.12 in	Pressure Data	
Efficiency	38.30 %	Maximum working pressure	11.23 psi g
NPSH required / margin required	< 0.00 ft	Maximum allowable working pressure	N/A
Ns (imp. eye flow) / Nss (imp. eye flow)	2,377 / - US Units	Maximum allowable suction pressure	N/A
MCSF	36.26 USgpm	Hydrostatic test pressure	N/A
Head, maximum, rated diameter	25.95 ft	Driver & Power Data (@Max density)	
Head rise to shutoff	24.74 ft	Driver sizing specification	Rated power
Flow, best eff. point	157.3 USgpm	Margin over specification	0.00 %
Flow ratio, rated / BEP	63.58 %	Service factor	1.00
Diameter ratio (rated / max)	93.06 %	Power, hydraulic	0.53 hp
Head ratio (rated dia / max dia)	83.91 %	Power, rated	1.37 hp
Cq/Cv/Ce/Cn (ANSI/HI 9.6.7-2010)	1.00 / 1.00 / 1.00 / 1.00	Power, maximum, rated diameter	2.15 hp
Selection status	Acceptable	Minimum recommended motor rating	3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 2



Know what's below.
 Call before you dig.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
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A# 03-116407

AC FLS SS

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REVISIONS:

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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-09

SHEET TITLE:

STORM DRAIN PLAN



1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
RICKS@RICKS.COM

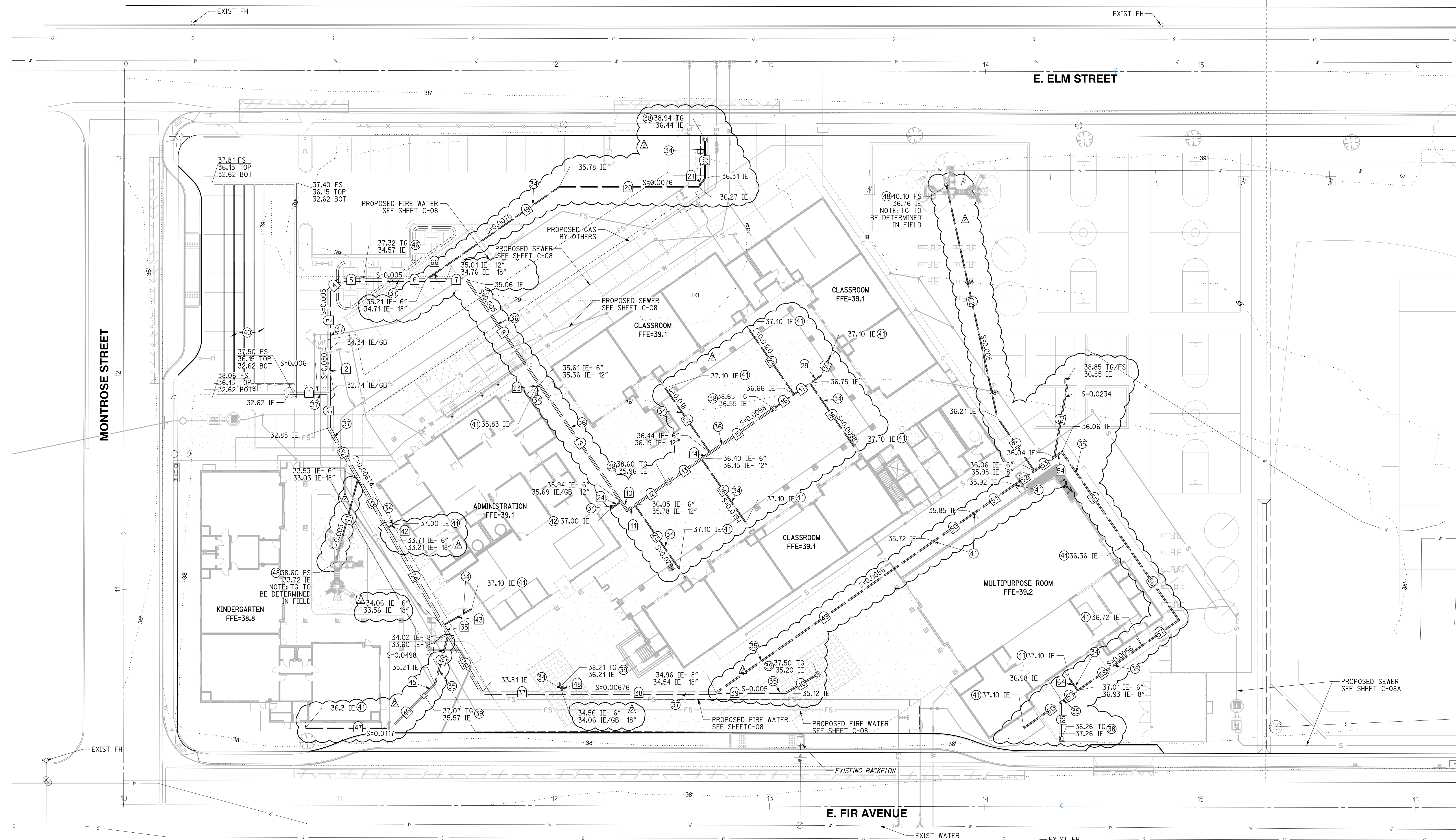


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STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

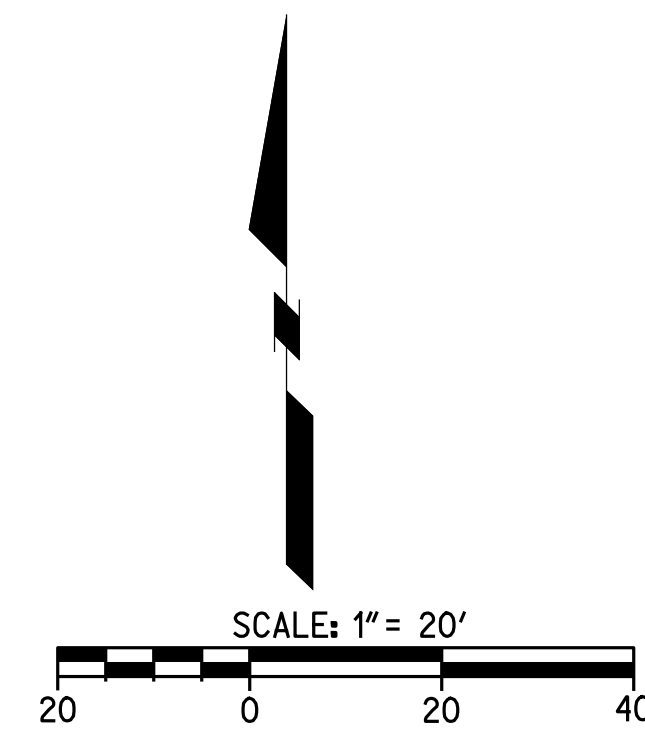


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	6" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



811
Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



CHANGE ORDER REQUEST

COR No. 34 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3, 3.1 Domestic Water and Fire Water Changes

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost for changes made to domestic water and fire water in Bulletin 3 and 3.1.	J Vega Engineering Inc	61,725
Reason: Fire water on campus as shown on original contract documents had conflicts with zone of influence with building footings. Due to age of existing city water main, additional work was required to tie in campus domestic water lines.		
Requested By: SVA Architects		
Ref: Bulletins 3 and 3.1		
		Subtotal:
		61,725
Contractual Costs		
Overhead 15%		9,259
		Subtotal:
		9,259
Total Change Order Request Amount:		70,984

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved - Jennifer MacIsaac
CFW Proj. Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 6-30-2017
 CHANGE ORDER #006

To
 Bernards Bros. Inc.
 555 First street
 San Fernando CA 91340
 818-898-1521

C.O. # 006-FIRE WATER ON SITE

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
100			6-30-2017			Elm Elementary School

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT & TOOLS	TOTAL
1	Install 2 extra 8" 45* Elbows with trust blocks to re-route 8" Fire Water Pg. C-08. #13 and #14. South West of Administration Bldg. per bulletin 3	-Laborer Hrs.=7.00@ \$62.47 T=\$437.29 -Operator Hrs.=4.00 @ \$83.57 T=\$334.28 Total: \$771.57	2-8" Ductile Iron 45' Elbows w/ concrete trust blocks Total: \$718.43	Backhoe: 1 hr. @ T: \$44.00 Truck & Tools: \$56/1 hr. Total: \$100.00.	\$1,590.00
2	1-Operator, 1-Laborer to bench down and shore trench to safely dive down with 8" fire water to avoid new utility crossings at North of Administrative Bldg. Page C-08 at #39 and #40	Laborer Hr.=16.00 @ \$62.47 T=\$999.52 -Operator Hrs.=16.00 @ \$83.57 T=\$1,337.12 Total: \$2,336.64	Shoring jacks T: \$459.36	Backhoe: 2 days @ \$350.00/day Total: \$700.00 Truck & Tools: 2 days @ \$445.00/day T: \$890.00 Total: \$1,590.00	\$4,386.00
3	Install 2 Extra 8" 22* Elbows with trust blocks to fix new 8" fire line alignment at #39 and #40. Install 2 extra 6" 45* elbows with trust blocks (necessary to realign uneven angle points for 6" fire main per bulletin 3.0)	-Laborer Hrs.=10.00 @ \$62.47 T=\$624.70 -Operator Hrs.=10.00 @ \$83.57 T=\$835.70 Total: \$1,460.40	2-8" ductile iron 22' elbows w/trust blocks \$1,429.60	Backhoe: 1 hr. @ T: \$44.00 Truck & tools: \$56.00/1 hr. T: \$1.00.00	\$2,990.00

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT & TOOLS	TOTAL
4	Provided additional excavation at 8' deep, bench down trench and provide shoring to install 8" Fire Water Line at Multipurpose Room. (This water line had to be lowered to avoid conflict with new Edison ducts, per page C-08 at #17, #18, #19, #20, #21, #22, #32 and #33)	-Laborer Hrs.=16.00 @ \$62.47 T=\$999.52- Operator Hrs.=16.00 @ \$83.57 T=\$1,337.12 Total: \$2,336.64	Shoring & fill sand. \$1,635.36	Backhoe: 1 day @ \$350.00/day Truck & tools: 1 day @ \$445.00/day Total: \$795.00	\$4,767.00
5	Fix Geo grid, and install 2 loads of concrete over new 8" Fire Water per Soils Architect request. Page C-08. At 318, #19, #20, #21, and #22. (This work had to be done because water line) was interfering with projection of load for building footing of MPR building)	-Laborer Hrs. =42.00 @ \$62.47 T=\$2,623.74 -Operator Hrs.=24.00 @ \$83.57 T=\$2,005.68 Total: \$4,629.42	18 C.Y. of concrete Geo textile T: \$2,333.58	Backhoe: 3 days @ \$350.00/day T: \$1,050.00 Truck & tools: \$445.00/3 days T: \$1,335.00 Total: \$2,385.00	\$9,348.00
6	Install 2 additional 8"x4" spools for new 8" backflow preventer due to extra depth of trench	-Laborer Hrs.=2.00 @ \$62.47 t=\$124.94 - Operator Hrs.=1.00 @ \$83.57 Total: \$208.51	2-5' L X 8" spool, nuts and bolts T: \$741.49	Backhoe: 1 hr. @ \$44.00 Truck & tools: 1 hr. @ \$56.00 Total: \$100.00	\$1,050.00
7	C.O. WATER OFFSITE				
8	Installation of 8"-6" gate valves offsite on Elm St. and Fir st. to intercept 6" water main. Per "B" Permit (Necessary to make manifolds for water tie-ins Elm St. & Fir St.)	-Laborer Hrs.=68.00 @ \$62.47 T=\$4,247.96- Operator Hrs.=36.00 @ \$83.57 T= \$3,008.52 Total: \$7,256.48	8 gate valves, spools, nuts, bolts and gaskets T: \$9,543.52	Backhoe: 3 days @ \$350.00/day T: \$1,050.00 Truck and tools: 3 days @ \$445.00 T: \$1,335.00:	\$18,135.00
9	Install 4" gate valve offsite on Elm St. at main water line. Per Permit and Bulletin 3.1	-Laborer Hrs.=2.00 @ \$62.47 T=\$124.94 Operator Hrs.=1.00 @ \$83.57 T= \$83.57 Total: \$208.51	4" gate valve and box. \$1,258.04	Truck & tools: 1 hr. @ \$56.00 Backhoe: 1 hr. @ \$44.00 Total: 100.00	\$1,566.55
10	Hot Tap and Install new 2' domestic water service with 2" backflow preventer on Fir St. from water main to	-Laborer Hrs.=16 @ \$62.47 t=\$999.52 Operator Hrs.=8.00 @ \$83.57 T= \$668.56	Satle, 2" corp stop, 60 l.f. 2" copper, angle	Backhoe: 1 day @ \$350.00 Tool truck: 1 day @ 445.00	

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT & TOOLS	TOTAL
	meter box for MPR Room. Per Bulletin #3.1	T: \$1,668.08	meter. box. 2" backflow T: \$4,267.32	T: \$795.00	\$ 6,730.40
11	Hot Tap and install 2" Irrigation service with 2" backflow preventer on Fir St. per Bulletin 3.1	-Laborer Hrs.=14.00 @ 62.47 T= \$874.58 Operator Hrs. 6.00 @ \$83.57 Total: \$501.42 Total: \$1,376.00	Satle. corp. 2" copper, slurry. 45 l.f. 2" coppe. metter box. back flow \$ 3,186.34	Backhoe 1 day @ \$350.00 Tool truck 1 day @ 445.00 Total: \$795.00	\$5,357.34
12	R &R Asphalt and CC Concrete at extra thickness of +-12"	-Laborer Hrs.=8.00 @ \$62.47 t=\$449.76 - Operator Hrs.=4.00 @ \$83.57 T=\$334.28 Total: \$834.04	Saw cut. demo. replace asphalt \$1,015.96	Power saw, \$85.0 Backhoe 1 hr @ \$44.00 Truck and tools: 1 hr. @ \$56.00 Dump truck \$600.00 Total: \$700.00	\$2,550.00
13	Raise #9 valves to grade with G-3 cans and pave per City of Oxnard specs on Elm and Fir st.	-Laborer Hrs.=16.00 @ \$62.47 T= \$999.52- Operator Hrs.=8.00 @\$83.57 T=\$668.56 Total: \$1,668.08	Valve cans, mortar, valve stacks \$1,706.92	Backhoe 1 day @ \$350.00 Tool Truck: 1 day @ \$445.00 Total: \$795.00	\$4,170.00
14					
Subtotal					\$53,674.29
15% Mark up					\$8,051.00
Total					\$61,725.40

Make all checks payable to J. VEGA ENGINEERING, INC.

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	<u>J VEGA ENGINEERING, INC</u>	Trade:	<u>Laborer (Group 3)</u>
Date:	<u>6/23/2017</u>	Classification:	<u>Journeyman</u>
Project:	<u>ELM ST, ELEMENTARY</u>	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	<u>July 2, 2017</u>		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

3 MacArthur Place, Suite 850
Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company



GENERAL NOTES

- 1. ALL GRADING SHALL CONFORM TO THE CITY OF OXNARD GRADING ORDINANCE AND THE LATEST EDITIONS OF THE CITY OF OXNARD DEPARTMENT OF PUBLIC WORKS STANDARDS, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), AND THE CITY OF OXNARD STANDARD LAND DEVELOPMENT SPECIFICATIONS.

GENERAL NOTES CONT.

- 30.FINE GRADING TO BE NO LESS THAN THE FOLLOWING: LONGITUDINAL SLOPE CROSS-SLOPE PERVIOUS SURFACES 1.0% TO 2.0% ASPHALT SURFACES 0.50% TO 1.0% CONCRETE SURFACES .25% TO 0.5%

WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF OXNARD STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN BOOK").

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

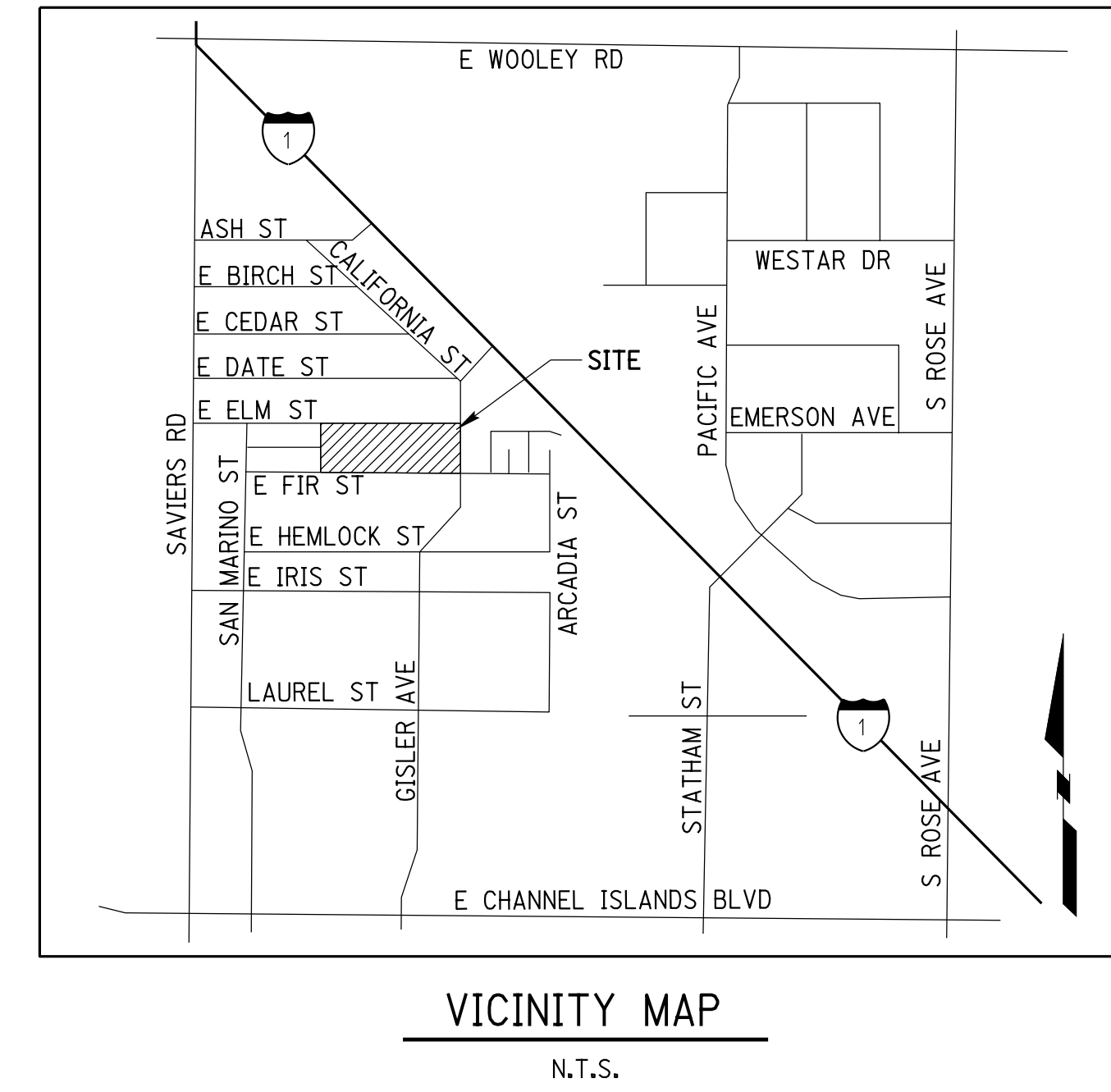
ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.

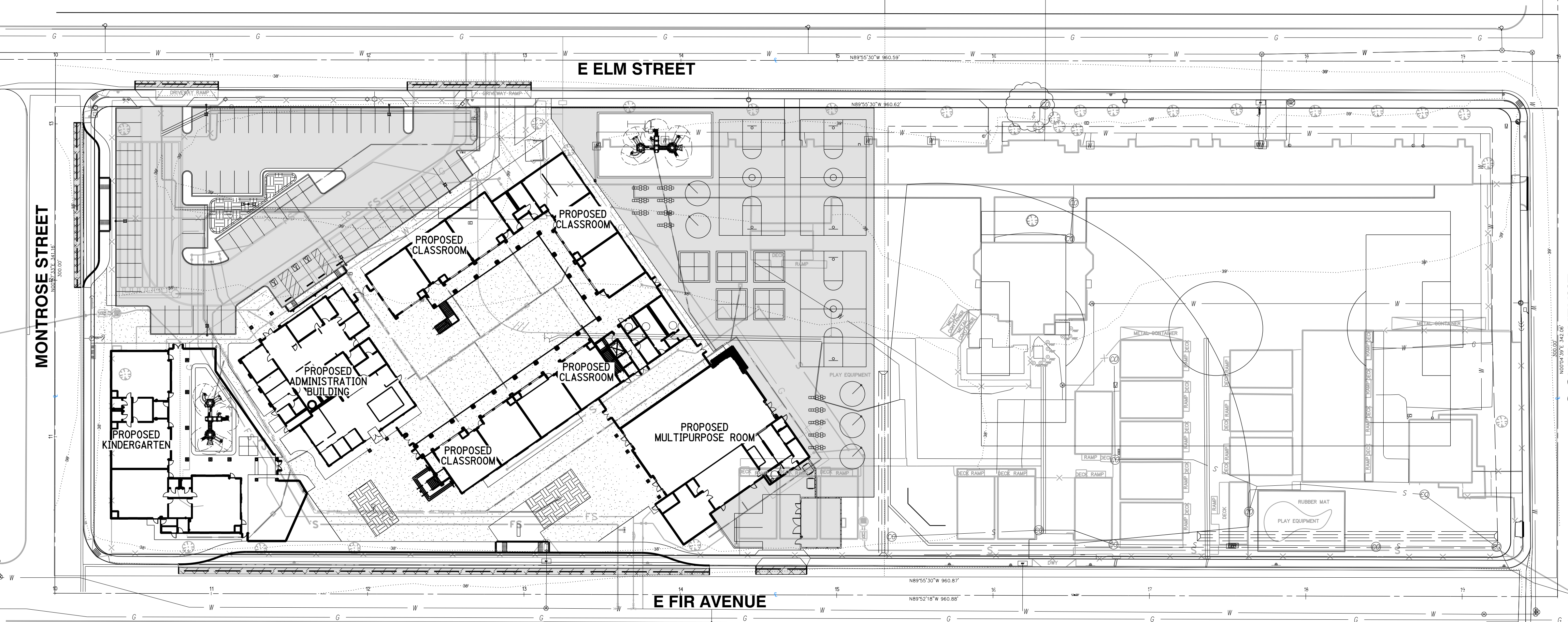
THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes terms like BOTTOM, DEEPEDED FOOTING, FINISHED GRADE ELEVATION, etc.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93003



LEGEND table listing symbols for various features: LIMITS OF REMOVAL, SAWCUT, EXISTING AREA DRAIN BOX, EXISTING MANHOLE, EXISTING LIGHT, etc.

OWNER
OXNARD SCHOOL DISTRICT
1051 SOUTH A STREET
OXNARD, CA
805-386-1501

GEOTECH ENGINEER
EARTH SYSTEMS
SOUTHERN CALIFORNIA
1731-A WALTER STREET
VENTURA, CA

NOTIFICATIONS
THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION.

ESTIMATED RAW GRADING QUANTITIES
1. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR FINAL PAY QUANTITIES.

ESTIMATED RAW GRADING QUANTITIES
1. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR FINAL PAY QUANTITIES.

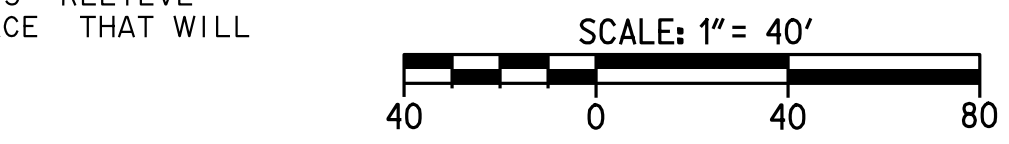
GRADING TOLERANCE NOTE
GRADING SHALL BE DONE WITH A TOLERANCE OF 0.1 FOOT OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5 FOOT OF THE LOCATION SHOWN ON THESE PLANS.

GEOTECHNICAL ENGINEER'S CERTIFICATE
THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY SOUTHERN CALIFORNIA GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS REPORT FOR RECONSTRUCTION OF ELM STREET SCHOOL DATED MARCH, 2014.

BENCHMARK
ID NUMBER: SAV-5
FIELD BOOK: COUNTY OF VENTURA DEPARTMENT OF PUBLIC WORKS

SOURCE OF TOPOGRAPHY AND BOUNDARY
BOUNDARY LINE PLOTTED AND TOPOGRAPHIC SURVEY CONDUCTED BY WAGNER ENGINEERING & SURVEY, INC. ON JANUARY 13, 2014.

BASIS OF BEARING
THE BEARING OF N89°55'30"W ON THE SOUTHERLY LINE OF ELM STREET, 60' WIDE, AS SHOWN ON MAP OF OXNARD DEVELOPMENT SUBDIVISION UNIT NO. 3, RECORDED IN BOOK 13, PAGES 87 AND 88, OF MISCELLANEOUS MAPS, RECORDS OF VENTURA COUNTY, WAS USED AS THE BASIS OF BEARING FOR THIS MAP.



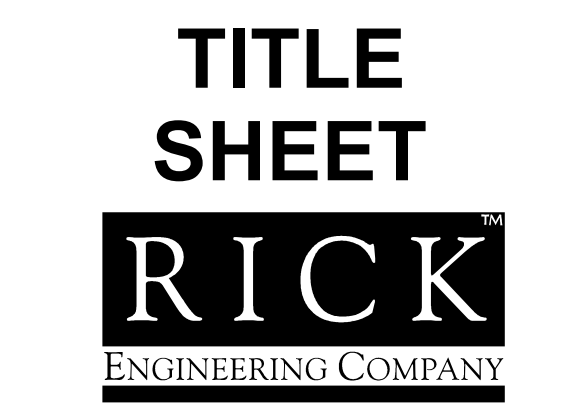
CIVIL SHEET INDEX table with columns: SHEET NO., TITLE. Lists sheets C-01 to C-13 including Title Sheet, Detail Sheet, Demolition Plan, etc.



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 03-116407
AC FLS SS
DATE

REVISIONS table with columns: DESCRIPTION, DATE. Shows revision A to G.

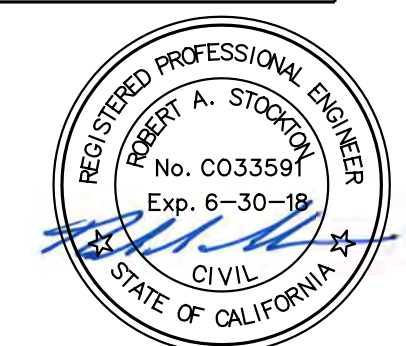
DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: 1"=40'
SHEET NUMBER: C-01
SHEET TITLE:



1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
(FAX) 951.782.0723



811 CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD. Call of least 2 working days prior to excavating.





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DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-02

SHEET TITLE:

DETAIL SHEET

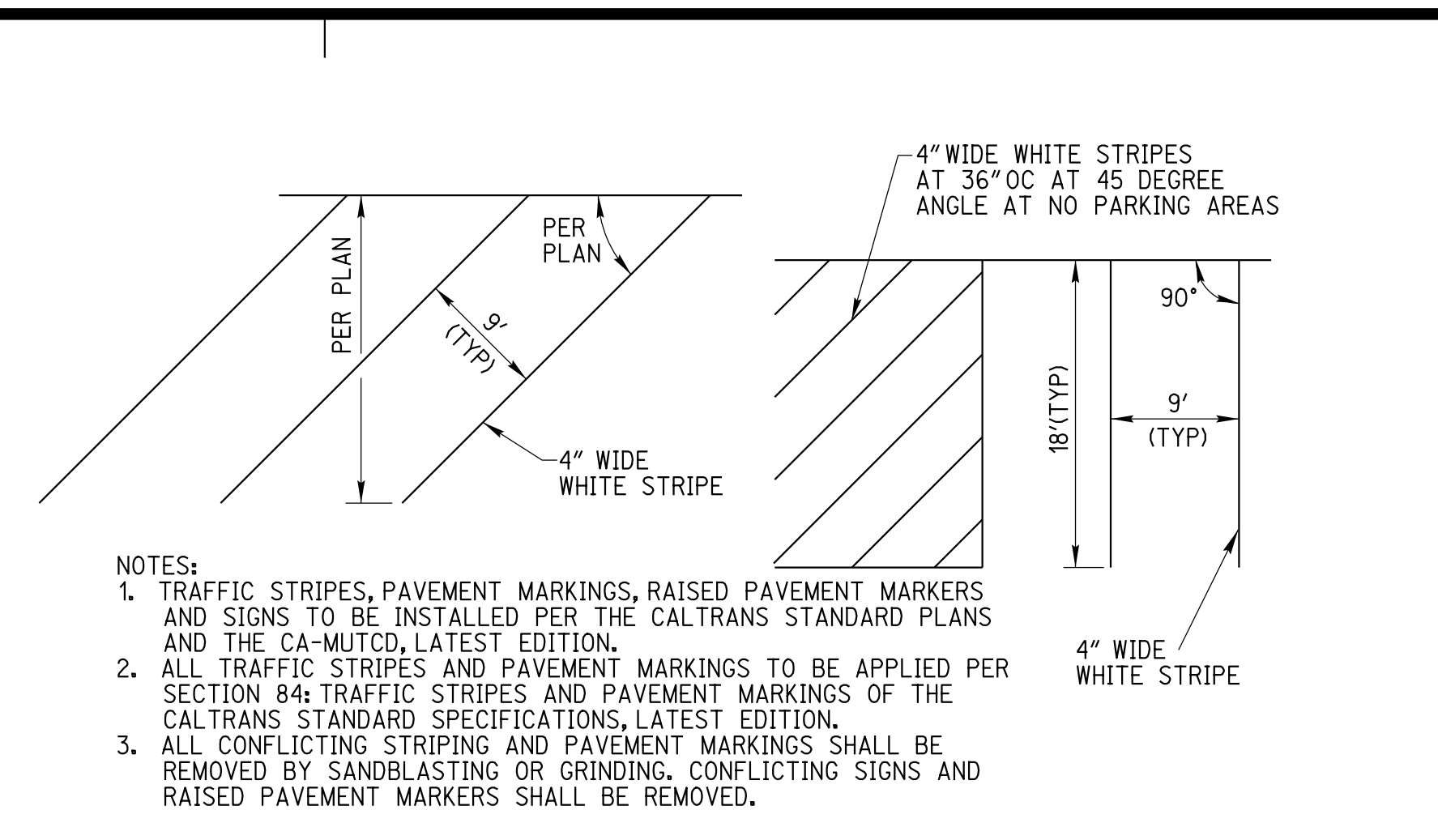


1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723

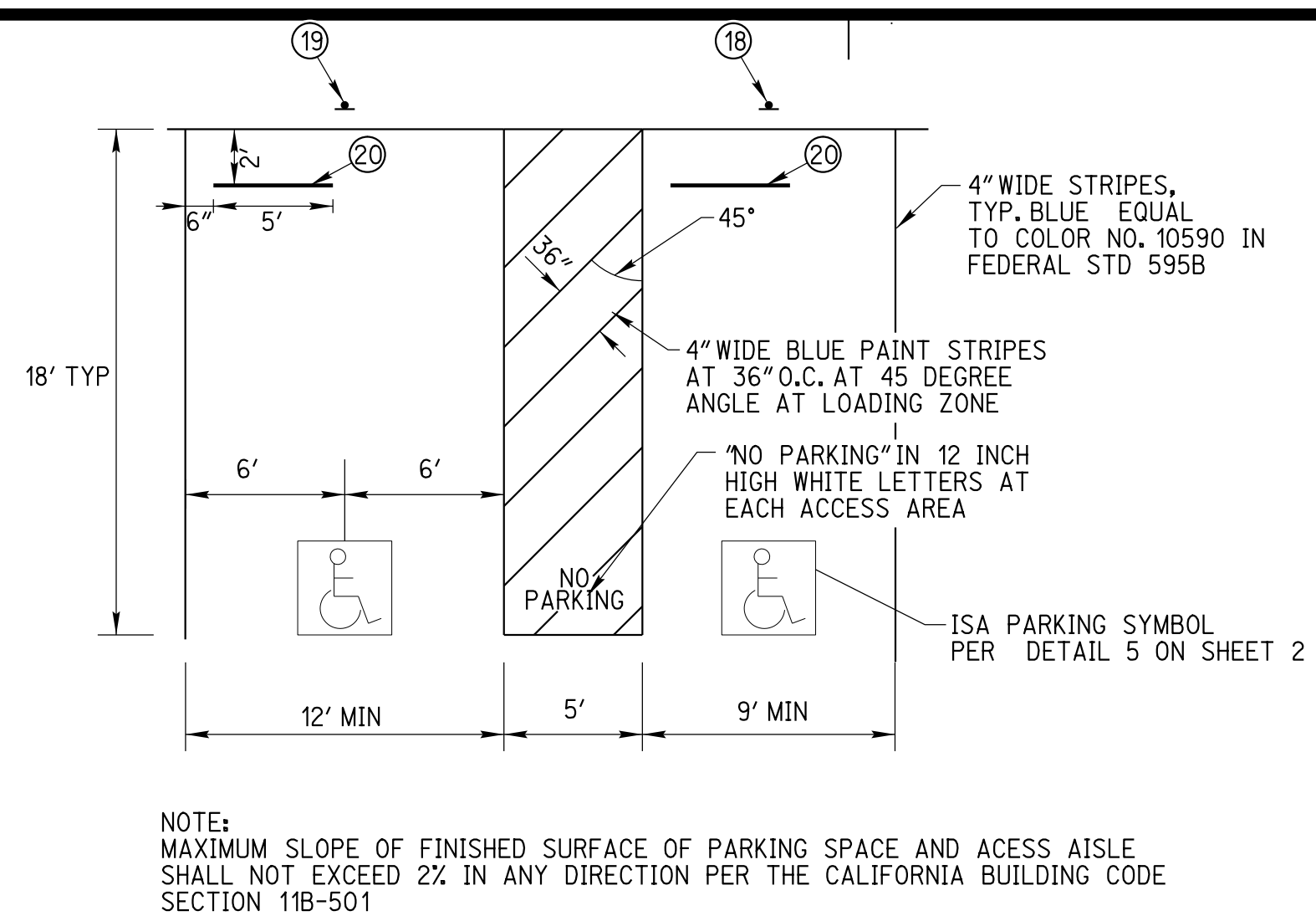
San Diego - Orange - San Luis Obispo
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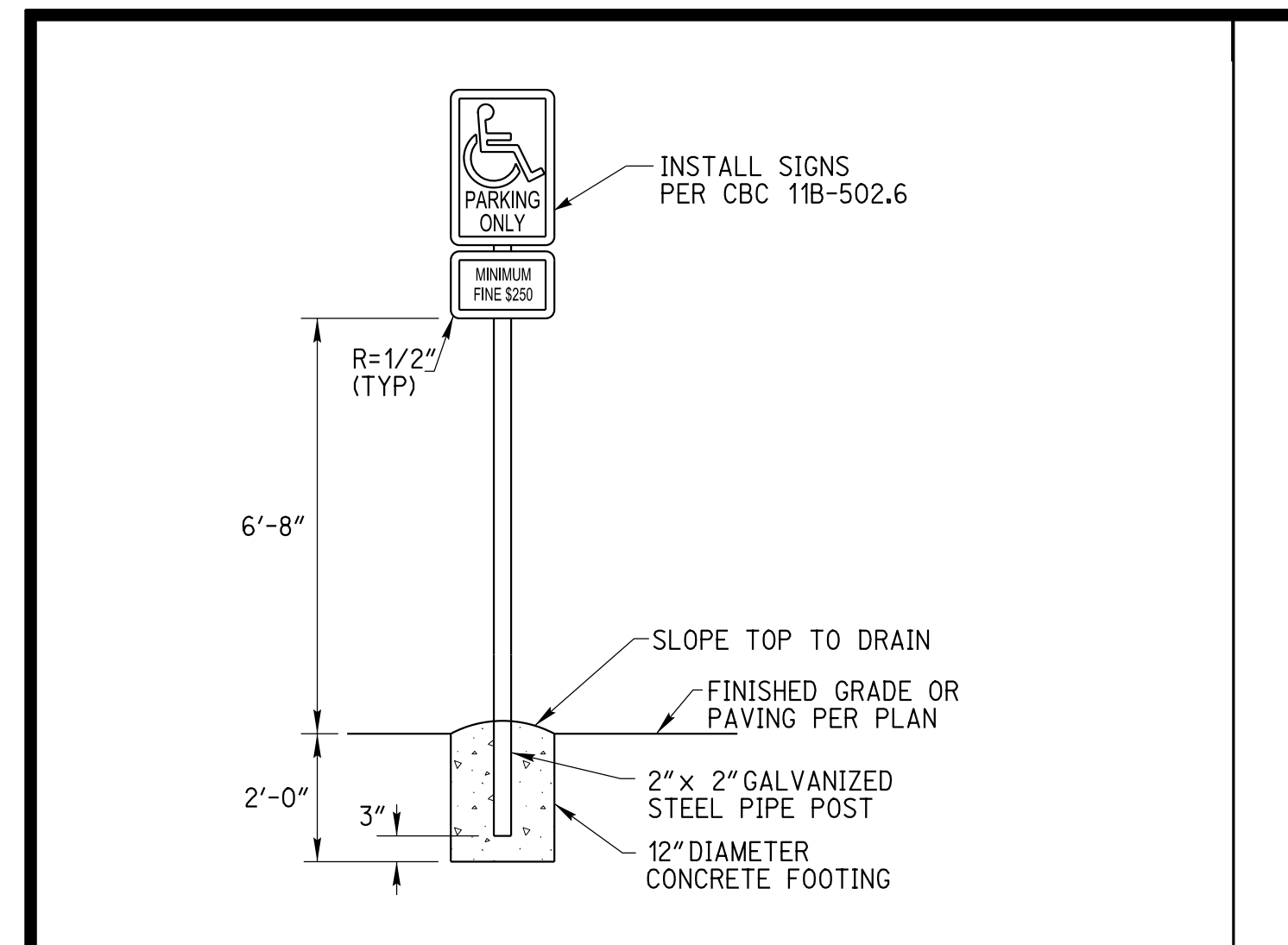
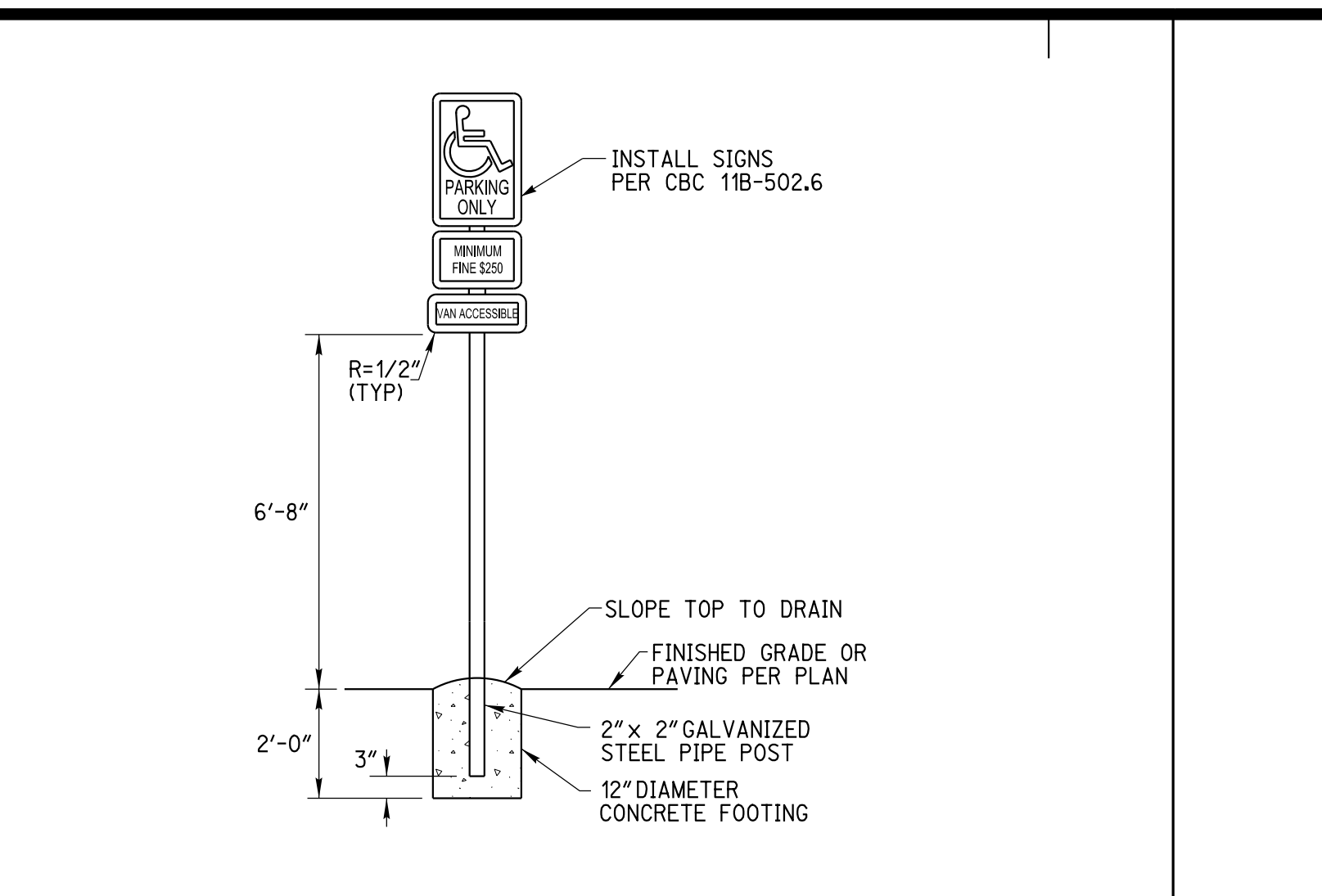
3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM



- NOTES:
1. TRAFFIC STRIPES, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS AND SIGNS TO BE INSTALLED PER THE CALTRANS STANDARD PLANS AND THE CA-MUTCD, LATEST EDITION.
 2. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS TO BE APPLIED PER SECTION 84: TRAFFIC STRIPES AND PAVEMENT MARKINGS OF THE CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION.
 3. ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED BY SANDBLASTING OR GRINDING. CONFLICTING SIGNS AND RAISED PAVEMENT MARKERS SHALL BE REMOVED.



NOTE: MAXIMUM SLOPE OF FINISHED SURFACE OF PARKING SPACE AND ACCESS AISLE SHALL NOT EXCEED 2% IN ANY DIRECTION PER THE CALIFORNIA BUILDING CODE SECTION 11B-501

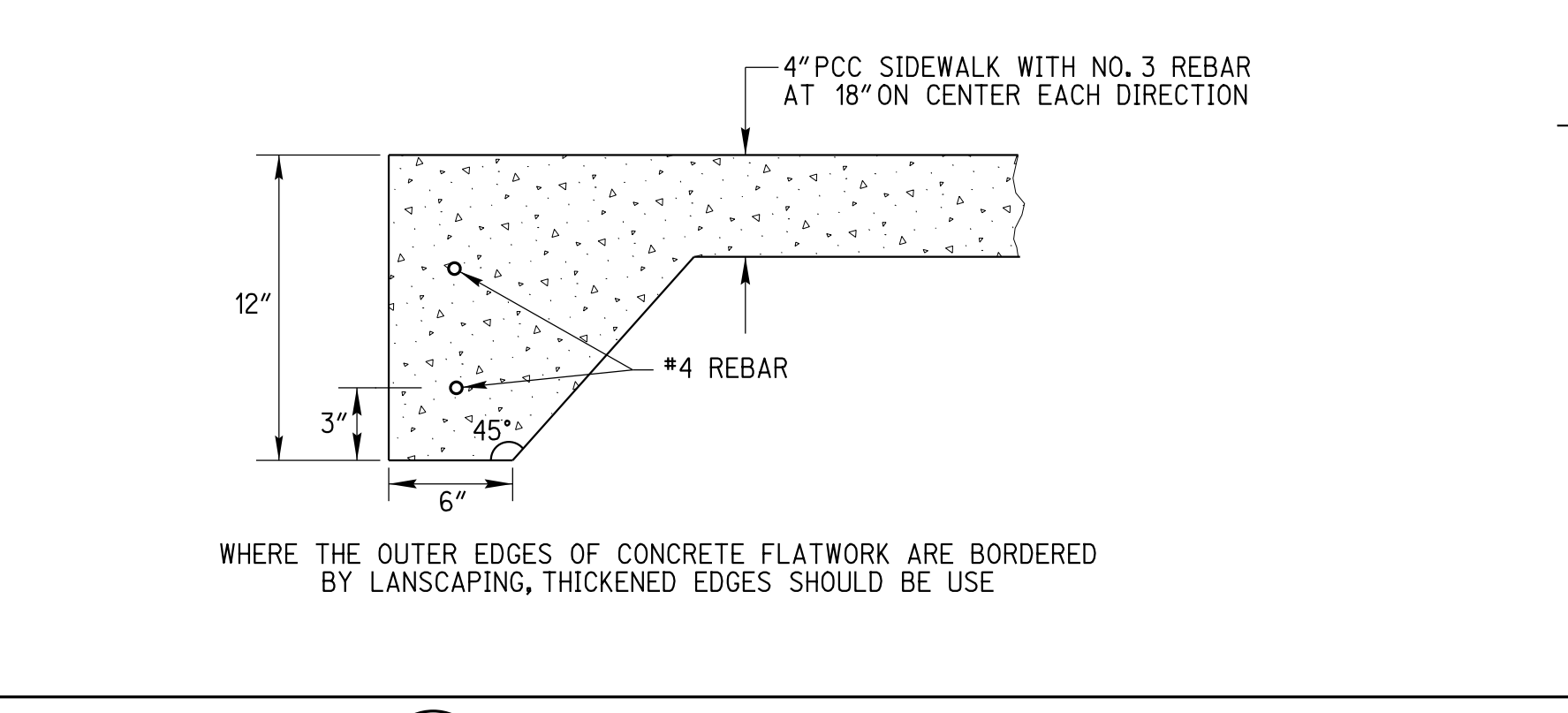


4 TYPICAL PARKING STRIPING DETAIL 17

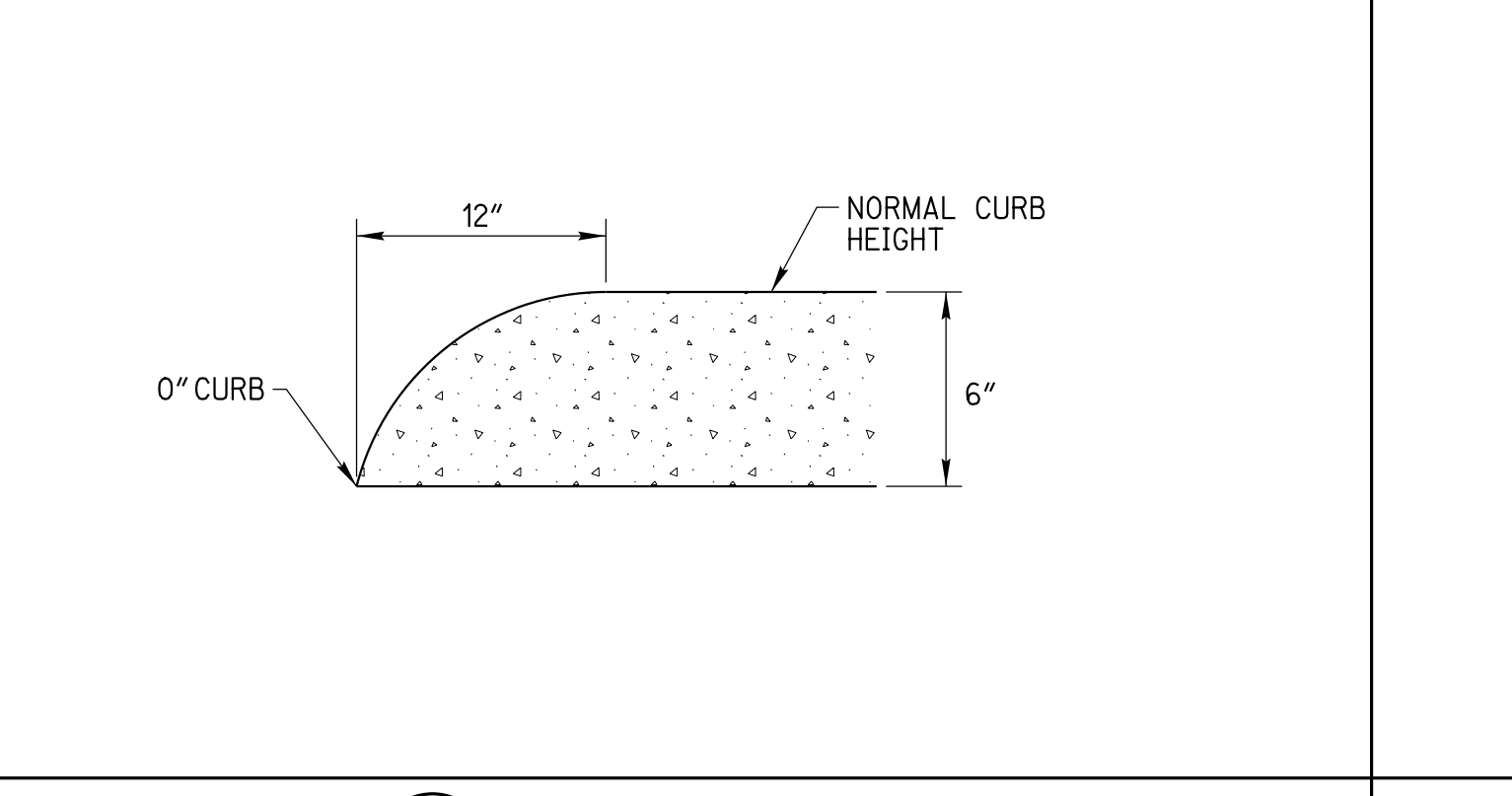
3 ACCESSIBLE PARKING STRIPING DETAIL 15

2 VAN ACCESSIBLE PARKING SIGNAGE DETAIL 18

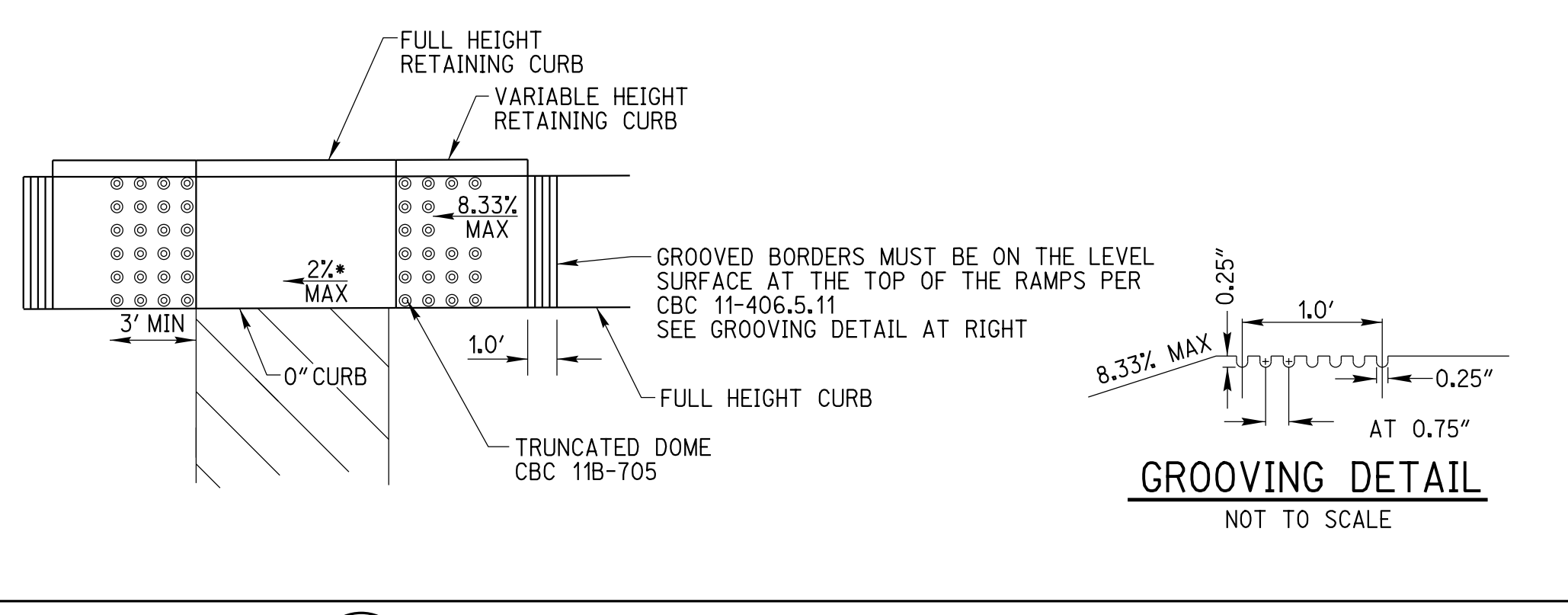
1 ACCESSIBLE PARKING SIGNAGE DETAIL 18



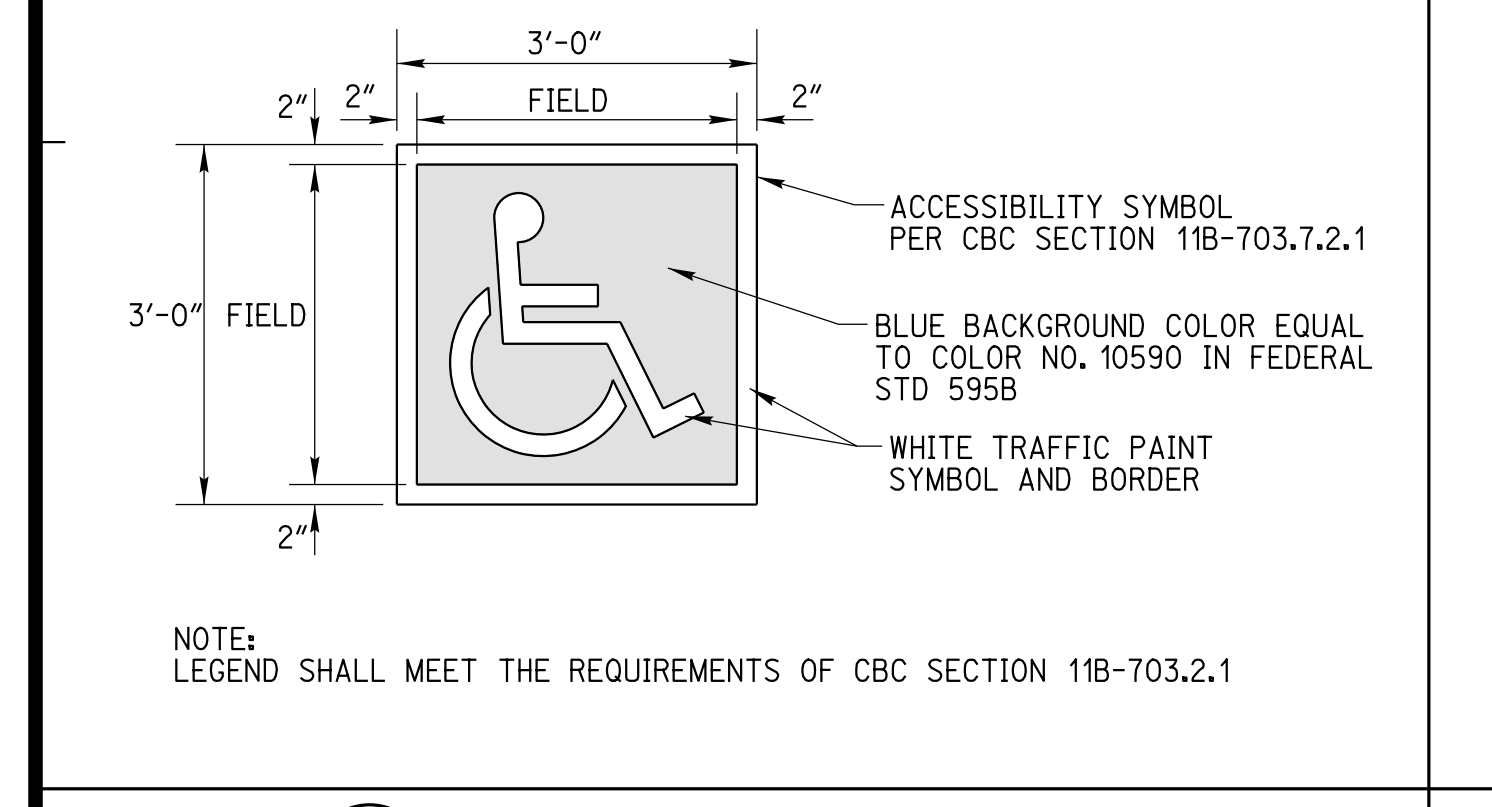
WHERE THE OUTER EDGES OF CONCRETE FLATWORK ARE BORDERED BY LANDSCAPING, THICKENED EDGES SHOULD BE USE



7 CURB END DETAIL 8



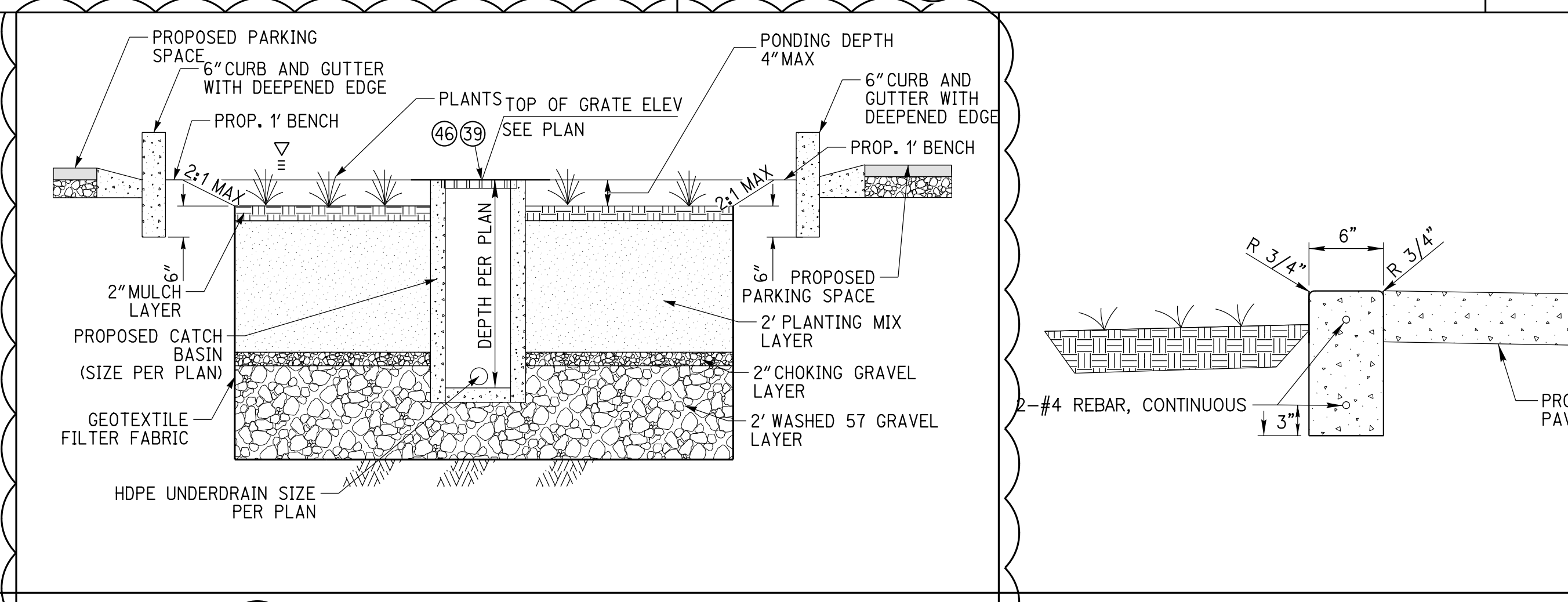
6 ACCESSIBLE CURB RAMP DETAIL 13, 14



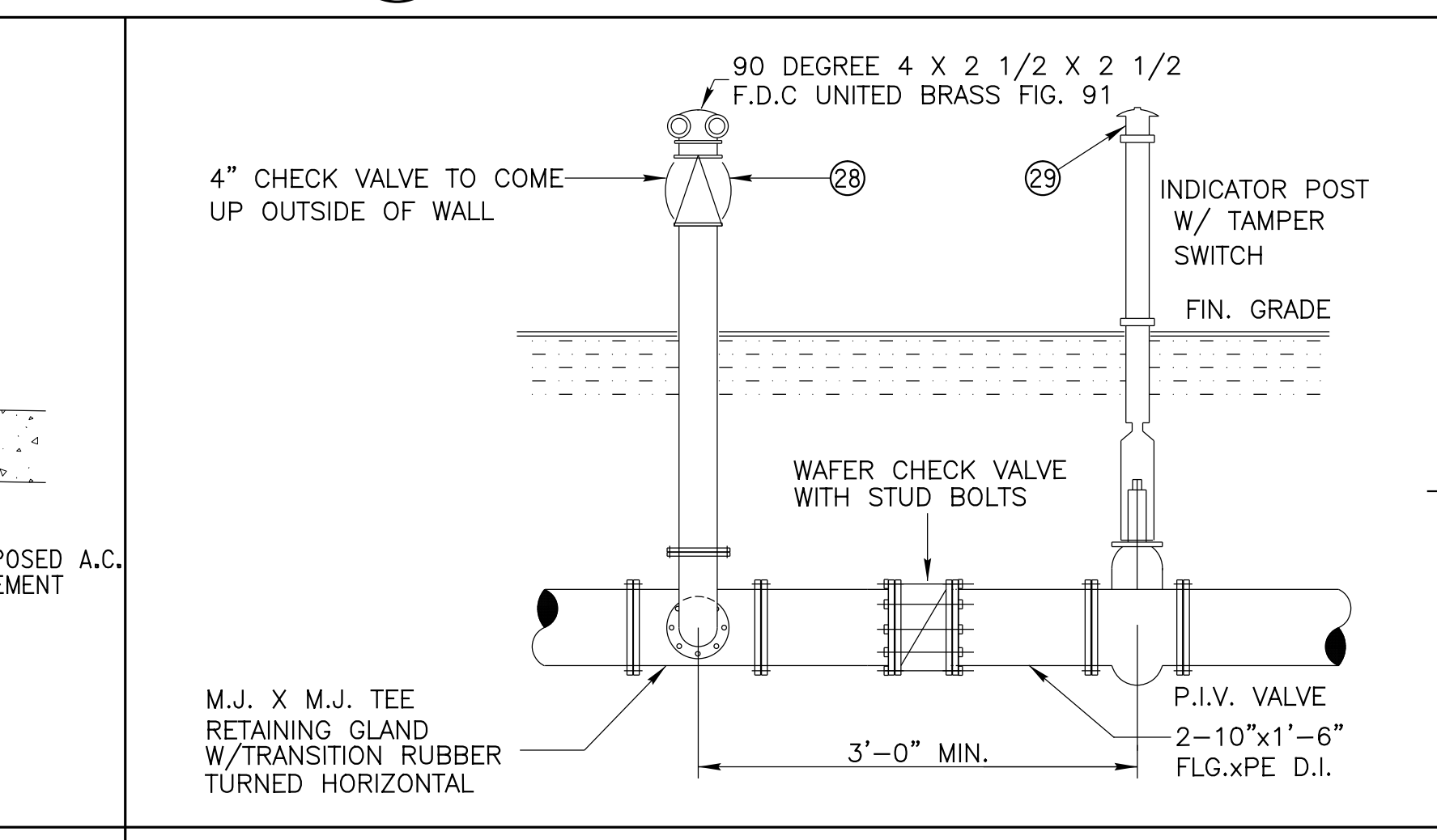
NOTE: LEGEND SHALL MEET THE REQUIREMENTS OF CBC SECTION 11B-703.2.1

5 ISA PARKING SYMBOL DETAIL 2

8 THICKENED EDGE DETAIL 4

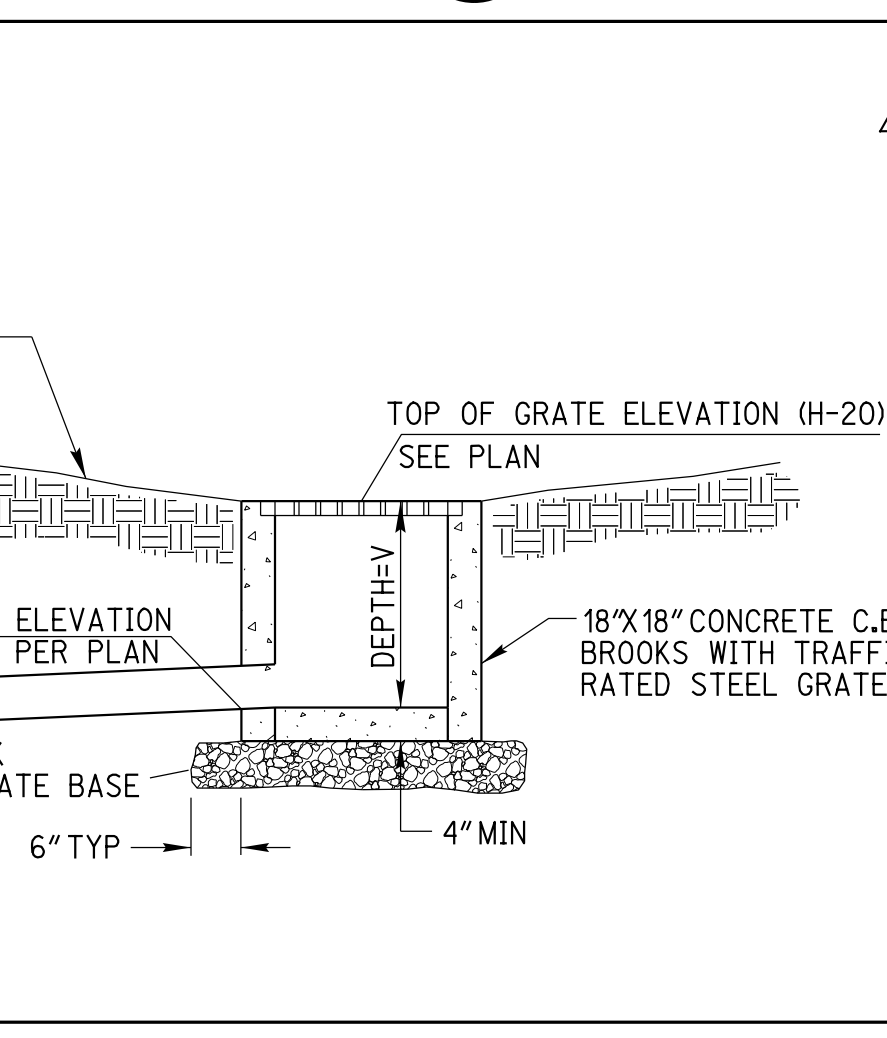


11 BIOINFILTRATION BASIN DETAIL 14

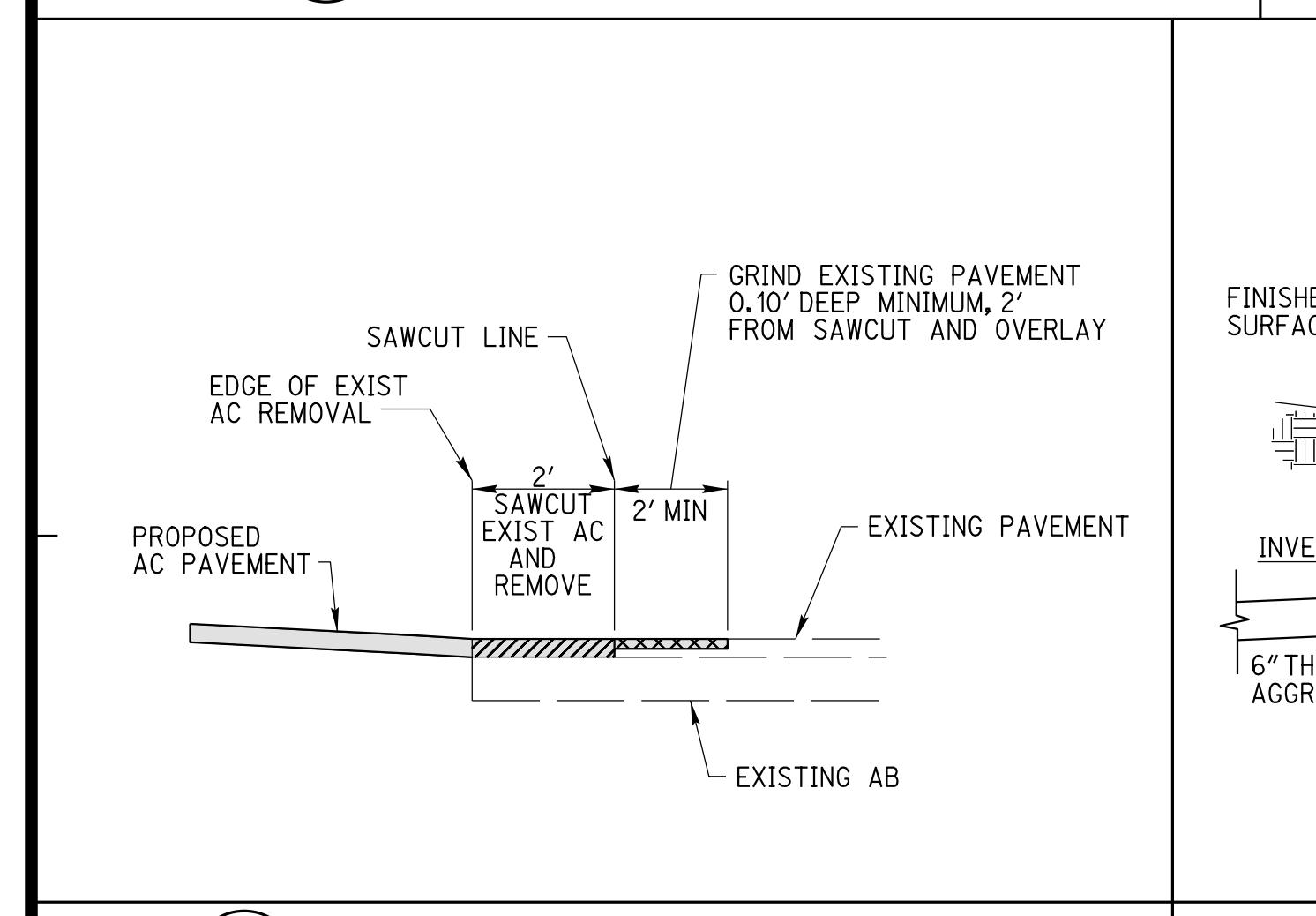


13 POST INDICATOR/FIRE DEPARTMENT CONNECTION 2

12 0" CURB DETAIL 7

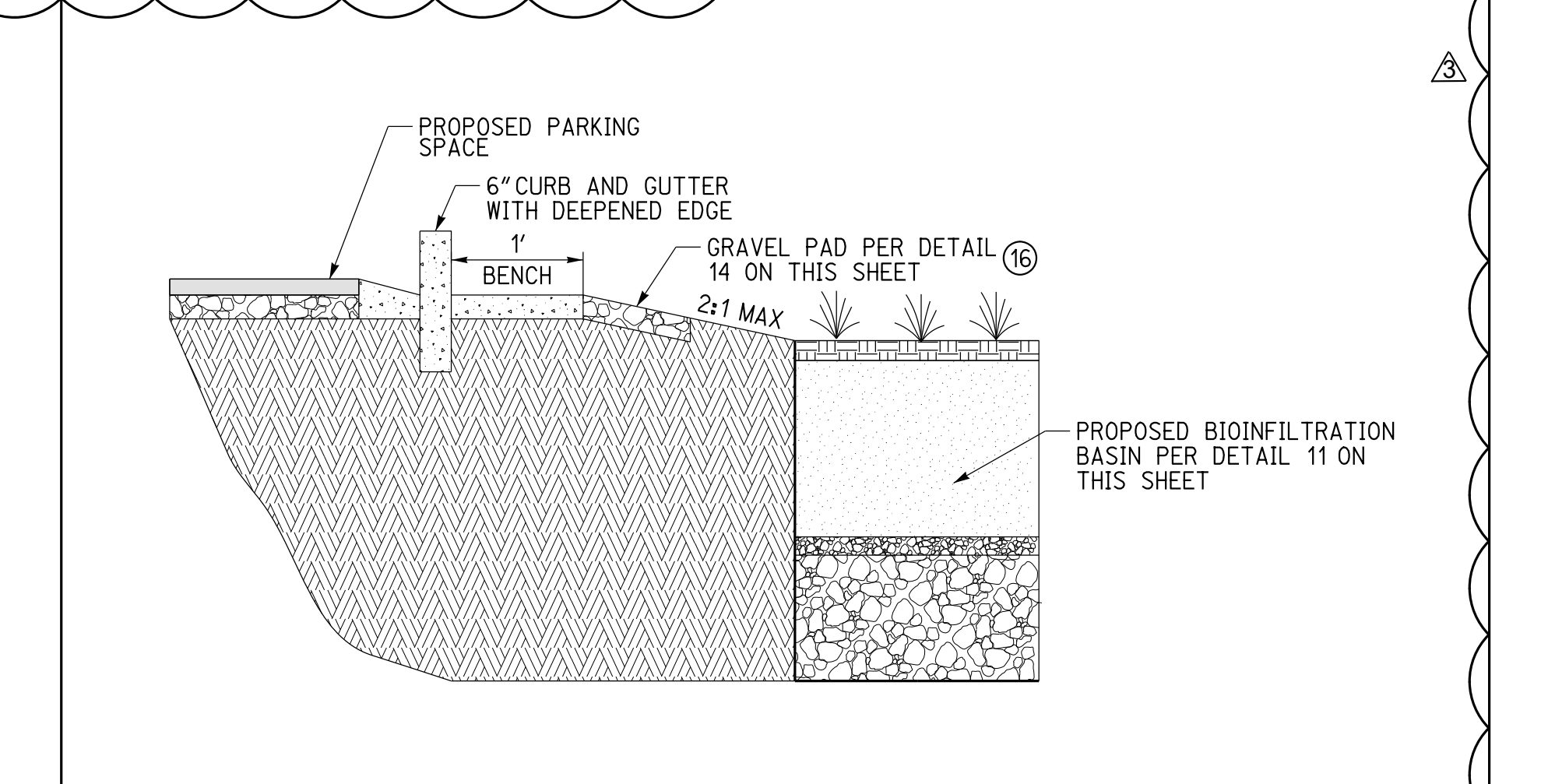


10 CATCH BASIN DROP INLET DETAIL 13

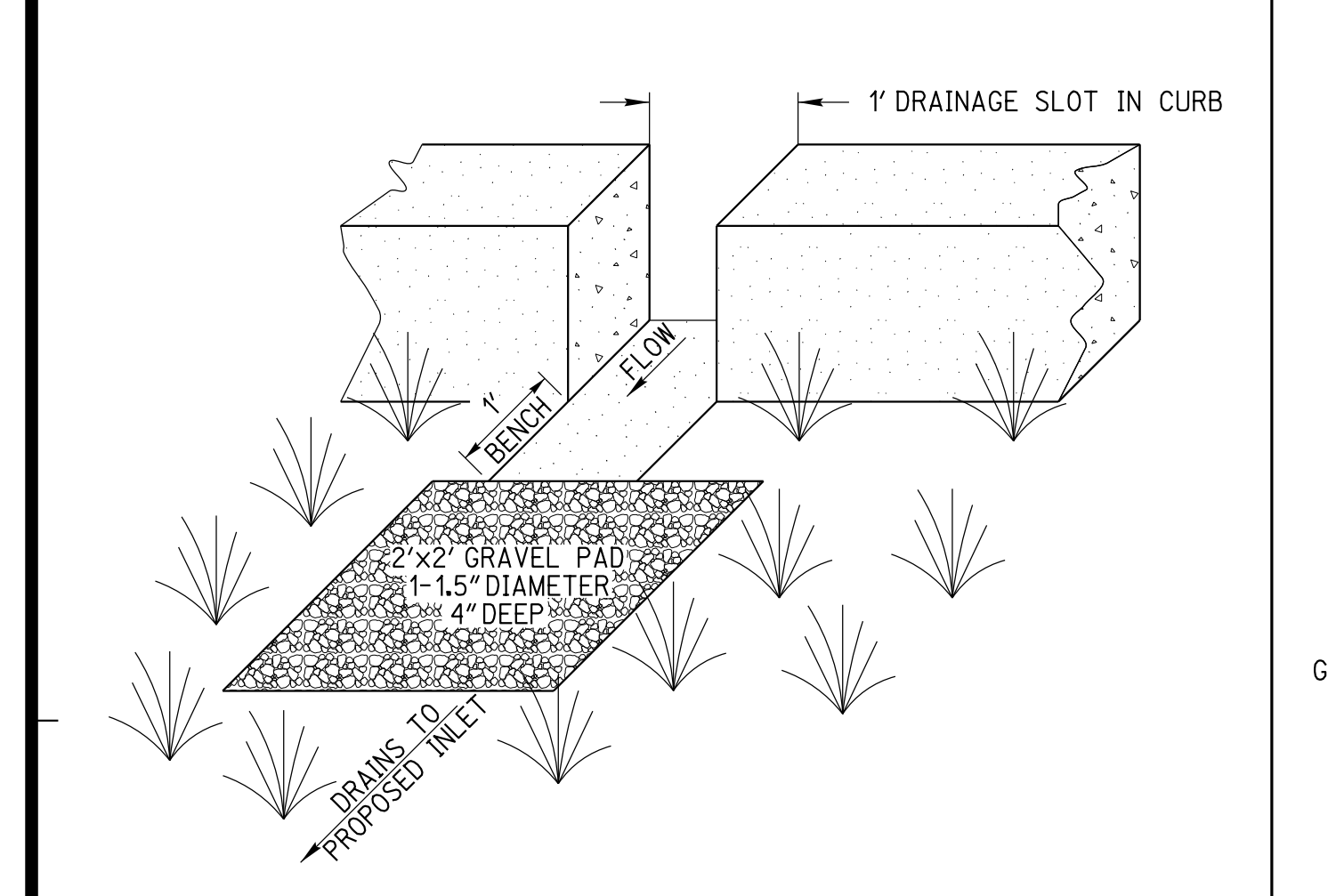
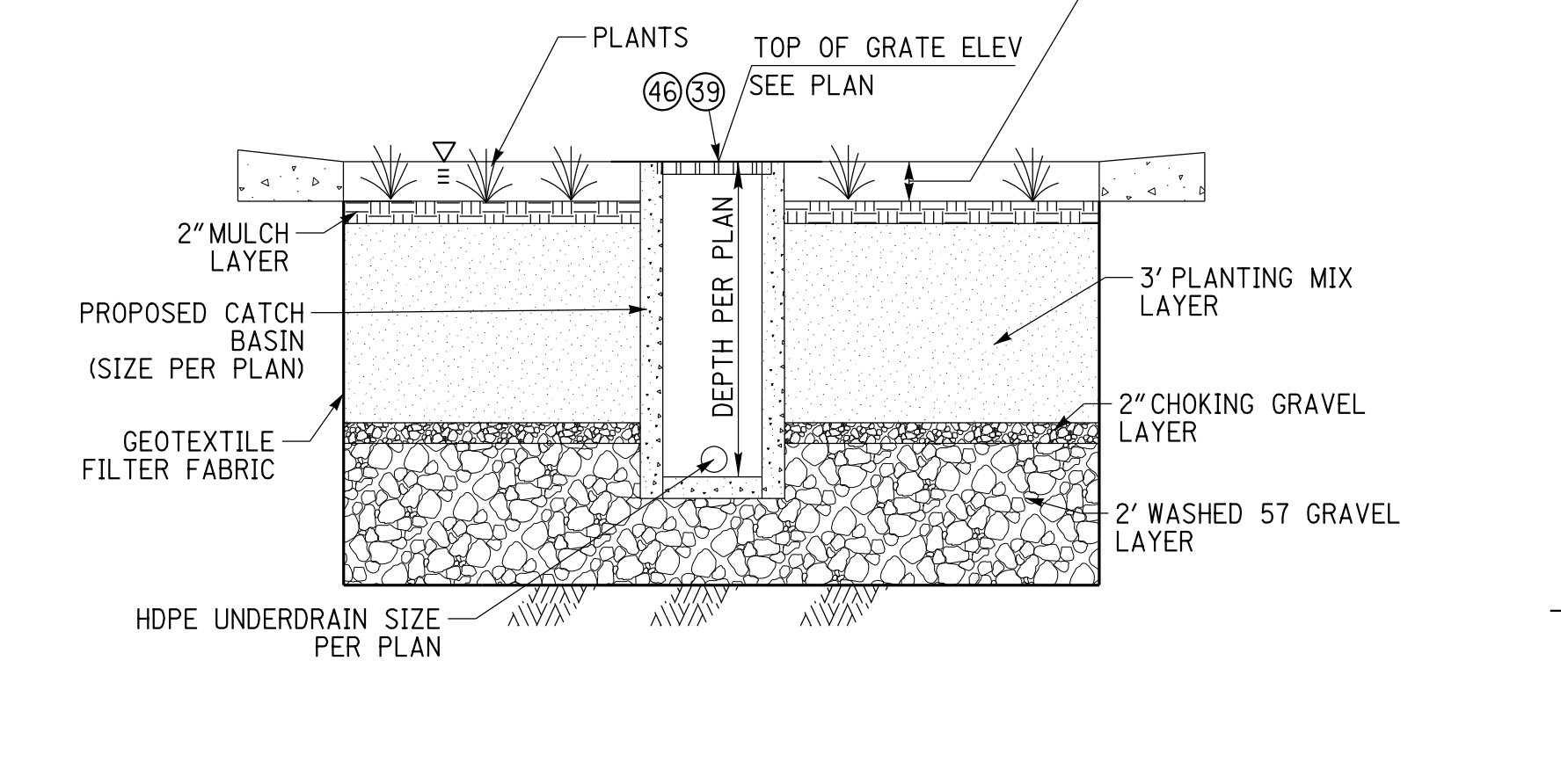


9 GRIND AND OVERLAY DETAIL 12

16 BIOINFILTRATION BASIN DETAIL 6

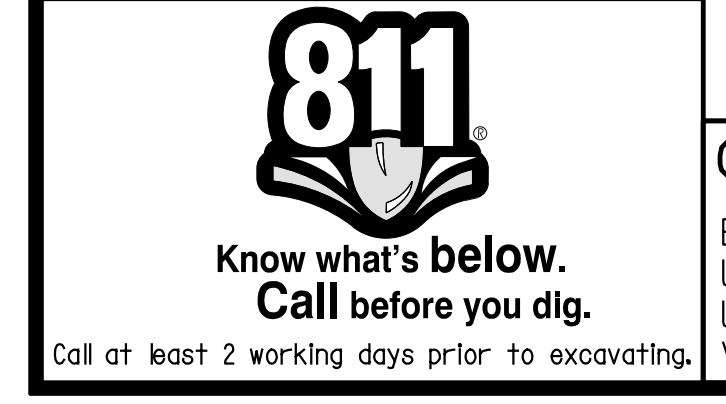


15 VEGETATED SWALE DETAIL 12



14 CURB CUT WITH GRAVEL PAD 16

A SECTION A 2



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-04

SHEET TITLE:

DETAIL SHEET



TYPICAL BACKFLOW PREVENTION DEVICE INSTALLATION (FOR 2" AND SMALLER WATER SERVICES)

STANDARD PLAN 2002 PLATE 309

NOTES:
 1. MECHANICAL BACKFLOW PREVENTION DEVICE SHALL BE A REDUCED PRESSURE PRINCIPLE DEVICE APPROVED BY CITY CROSS CONNECTION CONTROL INSPECTOR.
 2. PIPE FROM METER TO BACKFLOW PREVENTION DEVICE AND POINT "A" SHALL BE TYPE "K" RIGID OR BRONZED COPPER PIPE. EXPOSED COPPER SHALL BE PAINTED THE SAME COLOR AS BACKFLOW DEVICE. SEE GENERAL REQUIREMENT SECTION.
 3. SERVICES FROM 1" - 2" SHALL BE INSTALLED IN ACCORDANCE WITH PLATE 304 OR 305. LARGER SERVICES SHALL BE INSTALLED AS SPECIFIED BY PLATE 310.
 4. ALL COPPER JOINTS SHALL BE SILVER SOLDERED WITH 85-15.
 5. ALL IRRIGATION SERVICES ARE REQUIRED TO HAVE A REDUCED PRESSURE PRINCIPLE ASSEMBLY.
 6. BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
 7. INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING (PHONE 805/385-8155).
 8. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
 9. INSTALLATION AND FITTINGS SHALL HAVE A MINIMUM OF 12" SIDE CLEARANCE.

STANDARD 1 1/2" - 2" COPPER SERVICE INSTALLATION

SERVICE SIZE	A	B	C
1 1/2"	9"	1 1/2"	24"
2"	10"	1 1/2"	33"

STANDARD PLAN 2002 PLATE 304

NOTES:
 1. CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE PRIOR TO REQUESTING METER INSTALLATION.
 2. SEE STANDARD DRAWING NO. 305 FOR P.E. SERVICES.
 3. SERVICES SHALL NOT BE INSTALLED ON PRIVATE PROPERTY WITHOUT PUBLIC UTILITIES EASEMENT.
 4. METER BOXES INSTALLED IN DRIVEWAY, ALLEY OR TRAFFIC LOCATIONS REFER TO DETAIL "A".
 5. 1 1/2" & 2" SERVICES SHALL HAVE FLANGED ANGLE METER STOPS, FORD FV-23 (FLARE), FORD FV-43 (PACK JOINT), JONES J-4205 (COMPRESSION) OR EQUAL.
 6. CLOSE KEYS IN METER BOX WITH PLASTIC SHINGLE OR MORTAR.
 7. ALL SERVICES SHALL BE PERPENDICULAR TO THE MAIN.
 8. INSTALL METER BOX 6" TO 18" FROM SIDE PROPERTY LINE AND GROUPED FOR EASE OF READING, SEE PLATE 306.
 9. CONTRACTOR SHALL PROTECT ENTIRE METER ASSEMBLY FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
 10. METER BOX SHALL BE SET AND ADJUSTED PRIOR TO INSTALLATION OF METER.
 11. METER SHALL BE INSTALLED BY CITY. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS WITH WATER SERVICES PROGRAM TO COORDINATE INSTALLATION.

TYPICAL BARRICADES FOR FIRE HYDRANT

STANDARD PLAN 2002 PLATE 301

NOTES:
 1. CONCRETE FOOTING SHALL EXTEND 3" BELOW SURFACE.
 2. GUARD SHALL BE 5"-6" IN LENGTH EXTENDING 2"-6" ABOVE THE SURFACE AND SHALL BE 3" STEEL PIPE FILLED WITH CONCRETE.
 3. VARIATIONS OF THE ABOVE ARRANGEMENTS MAY BE REQUIRED UNDER UNUSUAL CIRCUMSTANCES.
 4. GUARD TO BE PAINTED THE SAME AS FIRE HYDRANT.

DETAILS FOR FIRE HYDRANT INSTALLATION

STANDARD PLAN 2002 PLATE 300

NOTES:
 1. IF SIDEWALK IS ADJACENT TO CURB AND 5' OR LESS IN WIDTH, THEN F.H. SHALL BE PLACED 18" FROM FACE OF CURB.
 2. ALL BREAKAWAY BOLTS SHALL BE CADMIUM PLATED. ALL BELOW GRADE BOLTS TO BE STAINLESS STEEL. REFER TO GENERAL REQUIREMENT SECTION FOR PAINT REQUIREMENTS.
 3. ALTERNATE FIRE HYDRANT LOCATIONS MAY BE APPROVED BY CITY ENGINEER.
 4. COPPER LOCATION WIRE REQUIRED.
 5. BLUE REFLECTIVE PAVEMENT MARKERS REQUIRED PER PLATE 202.
 6. RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.

PIPE SUPPORT DETAIL

STANDARD PLAN 2002 PLATE 310

KEY QUANTITY DESCRIPTION

KEY	QUANTITY	DESCRIPTION
1	1	ROMAC STAINLESS STEEL TAPPING SLEEVE OR EQUAL
2	1	TAPPING VALVE (RESILIENT SEAT) WITH FLANGE & MECHANICAL JOINT
3	1	C 900 P.V.C. PIPE CLASS 200 OR DUCTILE IRON (4" MIN.)
4	2	90° ELBOW-FLANGED BY MECHANICAL JOINT
5	2	THREADED FLANGED SPOOL (DUCTILE IRON)
6	1	METER WITH STRAINER (Meter Type to be Approved by Water Division)
7	2	REDUCED PRESSURE BACKFLOW PREVENTER WITH GATE VALVES (U.S.C. APPROVED)
8	5	PIPE SUPPORT (SEE DETAIL)
9	1	CHRISTY G3 VALVE BOX
10	1	THREADED FLANGED SPOOL-5 DIAMETERS LONG (DUCTILE IRON)
11	1	1 1/2" BRONZE PIPE-FOR 3"-6" METER, 2" PIPE FOR 8" & LARGER METER
12	1	BY PASS SADDLE & CURB STOPS WITH LOCKS
13	1	GATE VALVE
14	2	90° ELBOW-FLANGED BY FLANGED

NOTES:
 1. INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
 2. ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
 3. THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
 4. INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
 5. CONTACT FIRE DEPARTMENT (PHONE 805/385-7722) FOR ADDITIONAL CONNECTIONS AND ALARM SYSTEM REQUIREMENTS.
 6. BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
 7. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
 8. A 2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
 9. RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
 10. PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

3" & LARGER FIRE LINE INSTALLATION

STANDARD PLAN 2002 PLATE 311

NOTES:
 1. INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
 2. A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW, INSTALLED AS SHOWN.
 3. ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
 4. COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
 5. INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
 6. BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
 7. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE, INCLUDING RELIEF VALVES.
 8. RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES OR APPROVED EQUAL.
 9. PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

2 1/2" & LARGER WATER SERVICE AND METER INSTALLATION

STANDARD PLAN 2002 PLATE 312

NOTES:
 1. INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
 2. A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW, INSTALLED AS SHOWN.
 3. ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
 4. COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
 5. INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
 6. BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
 7. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE, INCLUDING RELIEF VALVES.
 8. RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
 9. PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.

3" & LARGER WATER SERVICE AND METER INSTALLATION

STANDARD PLAN 2002 PLATE 310

NOTES:
 1. INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
 2. A 3" METER MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW, INSTALLED AS SHOWN.
 3. ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED. BURIED FITTINGS TO BE NO-OX-ID COATED AND P.E. WRAPPED.
 4. THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIREMENTS SECTION).
 5. INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL REPRESENTATIVE PRIOR TO ACTIVATING. (PHONE 805/385-8155).
 6. BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
 7. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
 8. RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
 9. PVC INSTALLATIONS SHALL INCLUDE A 12 GAUGE LOCATING WIRE.



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

Call or text 2 working days prior to excavating.

OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL

CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033

LEGEND

- EXISTING ELECTRICAL BOX
EXISTING ELECTRIC VAULT
EXISTING WATER METER
EXISTING LIGHT POLE
EXISTING GAS VALVE
EXISTING TELEPHONE MANHOLE
EXISTING SEWER MANHOLE
EXISTING STORM DRAIN MANHOLE
EXISTING WATER VALVE
EXISTING POWER POLE
EXISTING GUY WIRE
EXISTING CHAIN LINK FENCE
CONTOUR (EXISTING)

DEMOLITION NOTES

ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS
ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

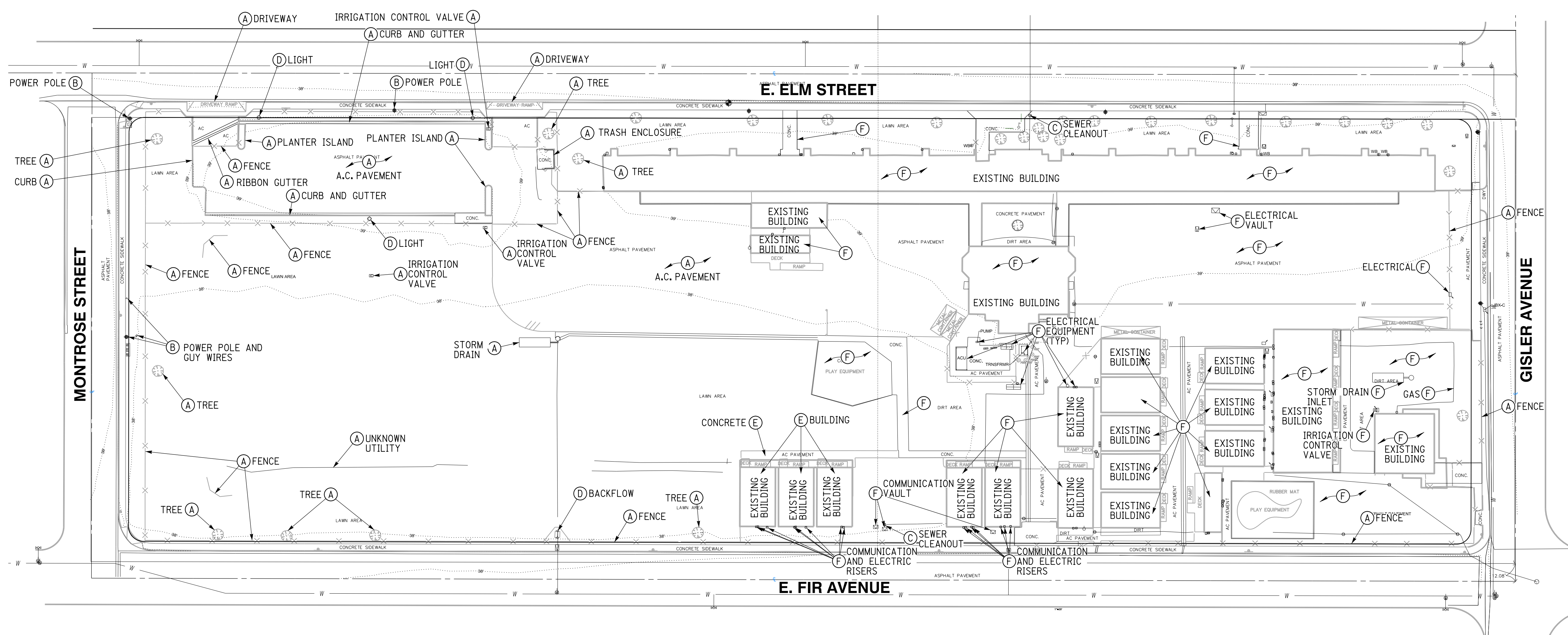
DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

CONSTRUCTION NOTES

- (A) EXISTING TO BE REMOVED
(B) EXISTING TO BE PROTECTED IN PLACE
(C) EXISTING TO BE ADJUSTED TO GRADE
(D) EXISTING TO BE SALVAGED AND RELOCATED
(E) MODULAR BUILDINGS TO BE RELOCATED
(F) EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE

Legend box containing symbols for PROJECT BOUNDARY, EXISTING CENTERLINE, EXISTING CURB AND GUTTER, EXISTING TREE, EXISTING EDGE OF PAVEMENT, EXISTING GAS MAIN, EXISTING WATER MAIN, EXISTING SEWER MAIN, EXISTING FH.



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DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 03-116407

AC FLS SS
DATE

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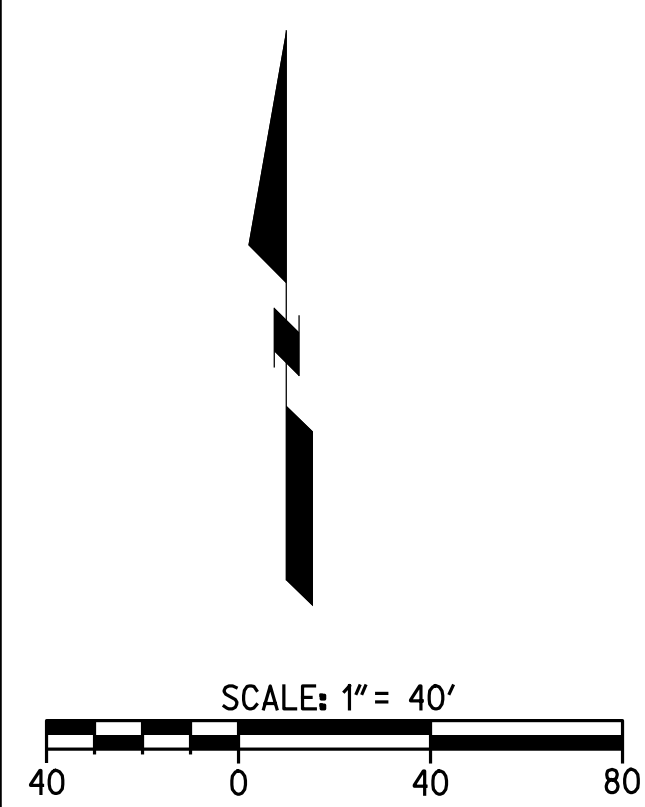
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PROJECT NO: 1340159
SCALE: 1"=40'

SHEET NUMBER: C-05
SHEET TITLE:

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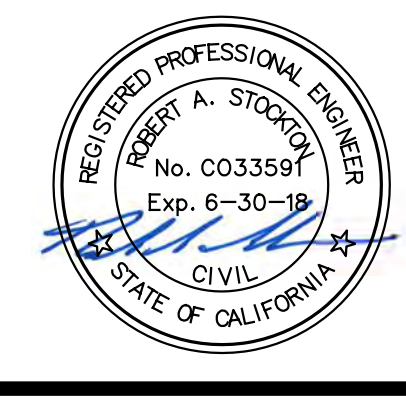
RICK ENGINEERING COMPANY logo and address: 1770 IOWA AVENUE, SUITE 100, RIVERSIDE, CA 92507.

SVA ARCHITECTS logo and address: 3 MACARTHUR PLACE, SUITE 850, SANTA ANA, CA 92707.



811 logo with text: Know what's below. Call before you dig. Call at least 2 working days prior to excavating.

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CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



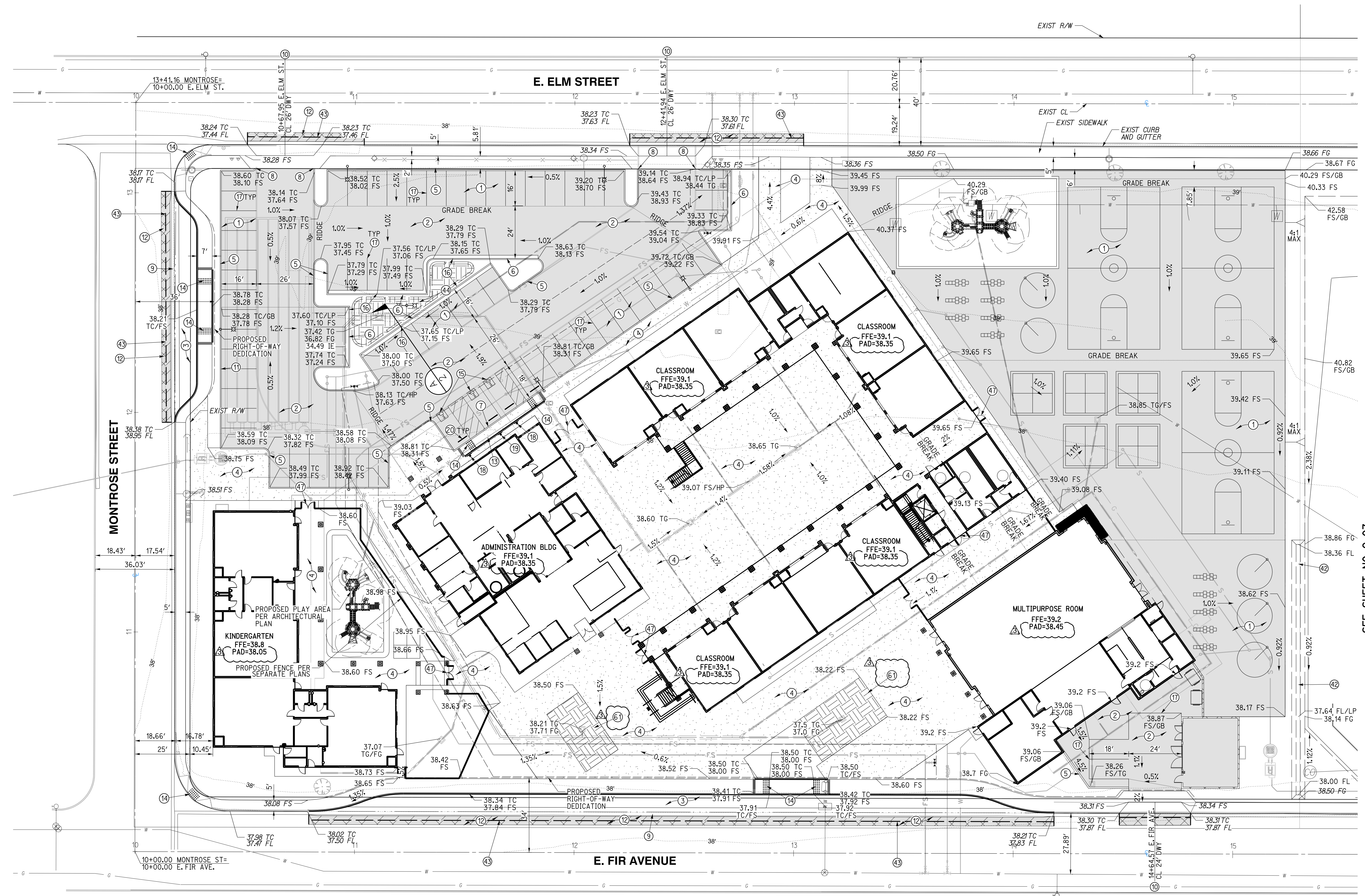
1770 IOWA AVENUE
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RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723

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rickengineering.com



ARCHITECTS

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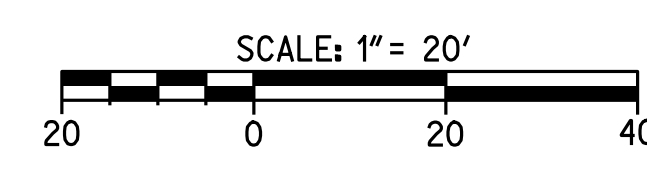
GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.
- ① PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE..... 33,000 SF
- ② PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE..... 15,340 SF
- ③ PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE..... 4,520 SF
- ④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND, CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02..... 37,600 SF
- ⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03..... 900 LF
- ⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03..... 240 LF
- ⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02..... 31 LF
- ⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02..... 4 EA
- ⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03..... 400 LF
- ⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03..... 3 EA
- ⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04..... 60 LF
- ⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02..... 1,070 SF
- ⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02..... 525 SF
- ⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02..... 250 SF
- ⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02..... 90 LF
- ⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02..... 4 EA
- ⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02..... 960 LF
- ⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02..... 2 EA
- ⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02..... 1 EA
- ⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5..... 4 EA
- ㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02..... 200 LF
- ㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02..... 575 LF
- ㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02..... 580 SF
- ㉔ INSTALL GATE PER ARCHITECTURAL PLAN..... 7 EA
- ㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02..... 1,360 SF



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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



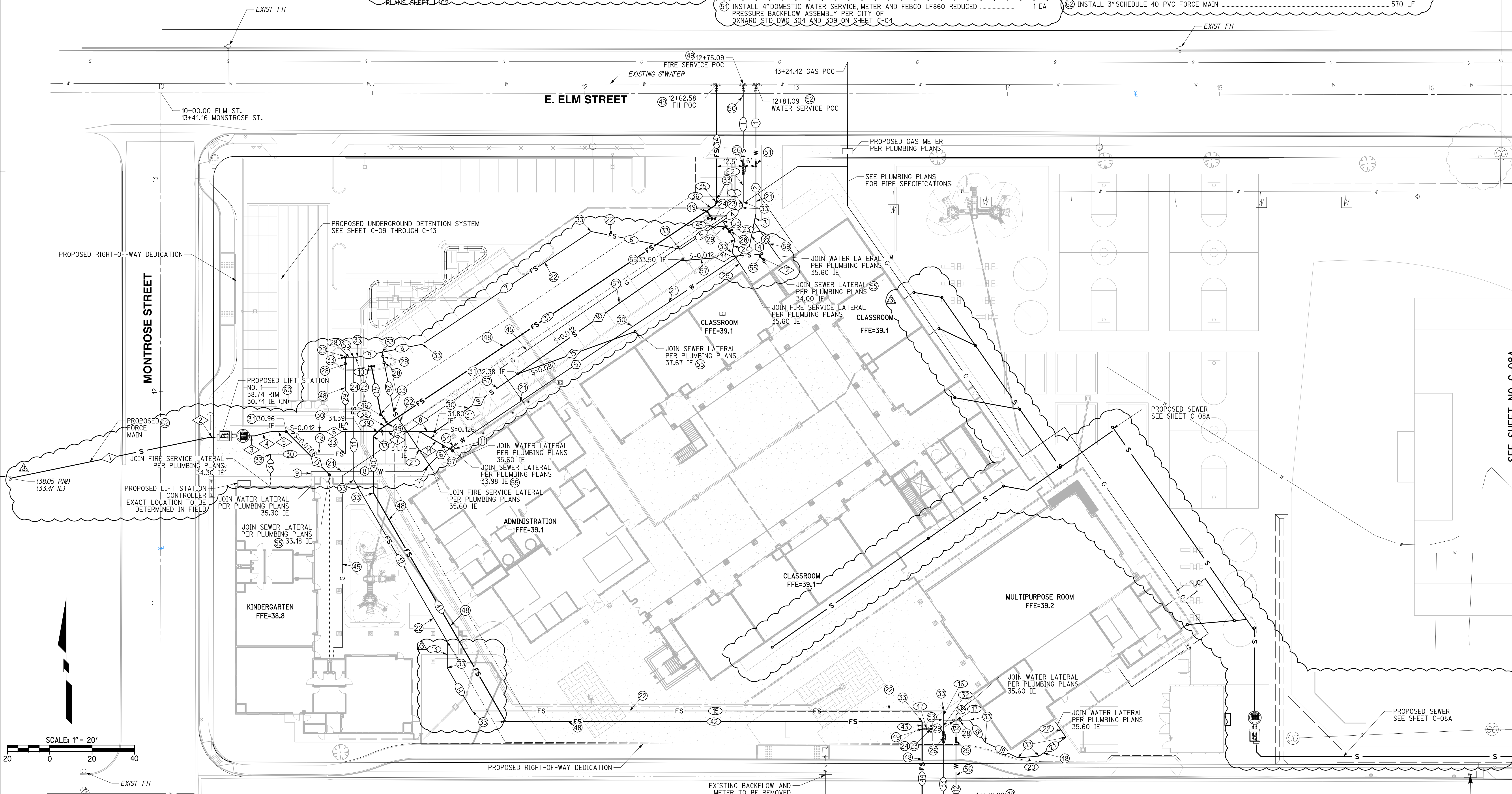
San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | | | | |
|---|----------|--|--------|--|--------|
| 21) INSTALL 4" C-900 PVC WATER SERVICE | 250 LF | 28) INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS | 4 EA | 52) INSTALL 6"x6"x4" TEE | 1 EA |
| 22) INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE | 1,000 LF | 29) INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS | 4 EA | 53) INSTALL 8"x8"x8" TEE | 5 EA |
| 23) INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 30) INSTALL 6" SDR-35 PVC SEWER | 600 LF | 54) INSTALL 4"x4"x4" TEE | 1 EA |
| 24) INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 31) INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 13 EA | 55) INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 10 EA |
| 25) INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 | 1 EA | 32) CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 | 2 EA | 56) INSTALL 2.5" COPPER WATER SERVICE | 50 LF |
| 26) INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 | 2 EA | 33) INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 | 30 EA | 57) INSTALL 4" SDR-35 PVC SEWER | 350 LF |
| 27) CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-02 | 1 EA | 34) INSTALL GAS SERVICE BY OTHERS | 850 LF | 58) INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 95 LF |
| | | 35) INSTALL 6" C-900 PVC FIRE SERVICE | 700 LF | 59) INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 25 LF |
| | | 36) INSTALL 6"x6"x6" TEE | 7 EA | 60) INSTALL REMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL | 2 EA |
| | | 37) INSTALL 8" TO 6" REDUCER | 2 EA | 61) INSTALL 3" SCHEDULE 40 PVC FORCE MAIN | 570 LF |
| | | 38) INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 | 1 EA | | |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

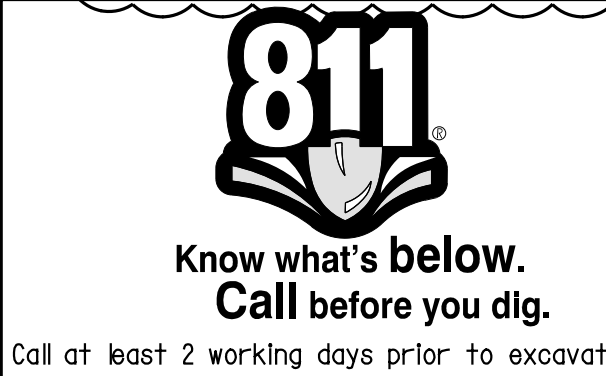
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC: FLS SS

DATE:

REVISIONS:

NO.	DESCRIPTION	DATE
▲	BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-08A**

SHEET TITLE:

UTILITY PLAN



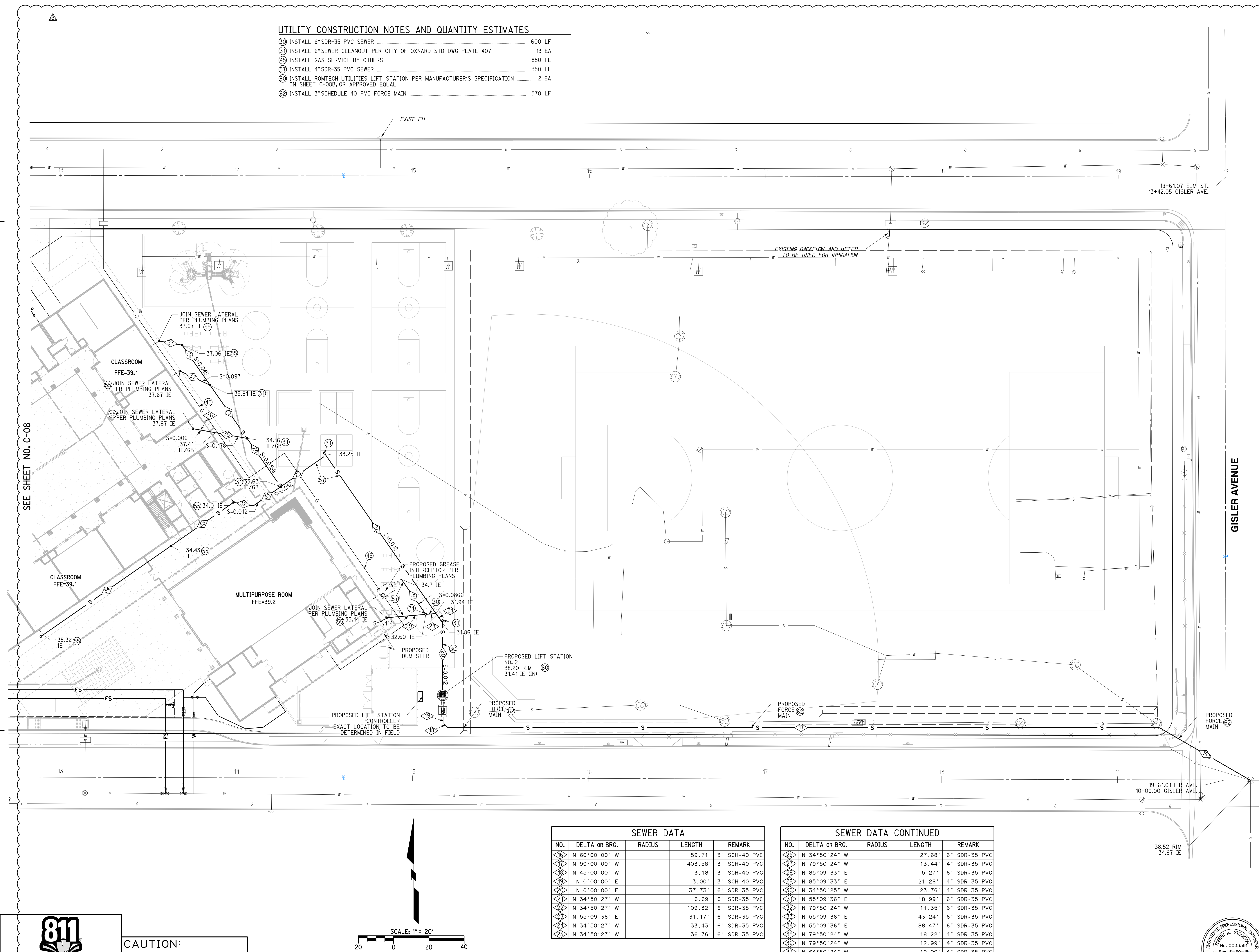
RICK ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

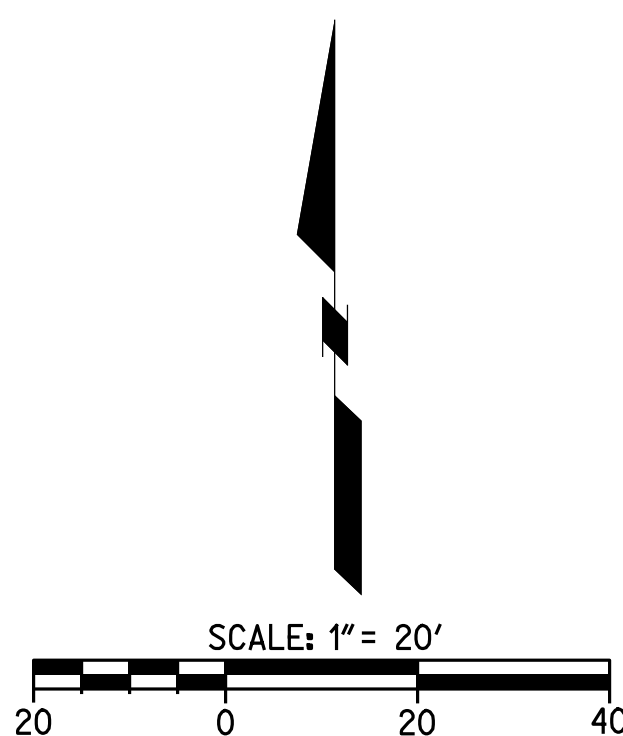
UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

③①	INSTALL 6" SDR-35 PVC SEWER	600 LF
③②	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
④⑤	INSTALL GAS SERVICE BY OTHERS	850 FL
⑤⑦	INSTALL 4" SDR-35 PVC SEWER	350 LF
⑥①	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
⑥②	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF



SEWER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
①⑥	N 60°00'00" W		59.71'	3" SCH-40 PVC
①⑦	N 90°00'00" W		403.58'	3" SCH-40 PVC
①⑧	N 45°00'00" W		3.18'	3" SCH-40 PVC
①⑨	N 0°00'00" E		3.00'	3" SCH-40 PVC
②①	N 0°00'00" E		37.73'	6" SDR-35 PVC
②②	N 34°50'27" W		6.69'	6" SDR-35 PVC
②③	N 34°50'27" W		109.32'	6" SDR-35 PVC
②④	N 55°09'36" E		31.17'	6" SDR-35 PVC
②⑤	N 34°50'27" W		33.43'	6" SDR-35 PVC
②⑥	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
②⑦	N 34°50'24" W		27.68'	6" SDR-35 PVC
②⑧	N 79°50'24" W		13.44'	4" SDR-35 PVC
②⑨	N 85°09'33" E		5.27'	6" SDR-35 PVC
③①	N 85°09'33" E		21.28'	4" SDR-35 PVC
③②	N 34°50'26" W		23.76'	4" SDR-35 PVC
③③	N 55°09'36" E		18.99'	6" SDR-35 PVC
③④	N 79°50'24" W		11.35'	6" SDR-35 PVC
③⑤	N 55°09'36" E		43.24'	6" SDR-35 PVC
③⑥	N 55°09'36" E		88.47'	6" SDR-35 PVC
③⑦	N 79°50'24" W		18.22'	4" SDR-35 PVC
③⑧	N 79°50'24" W		12.99'	4" SDR-35 PVC
③⑨	N 64°50'24" W		19.00'	4" SDR-35 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-08B**
 SHEET TITLE:

LIFT STATION DETAILS

RICK ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng.com

SVA ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

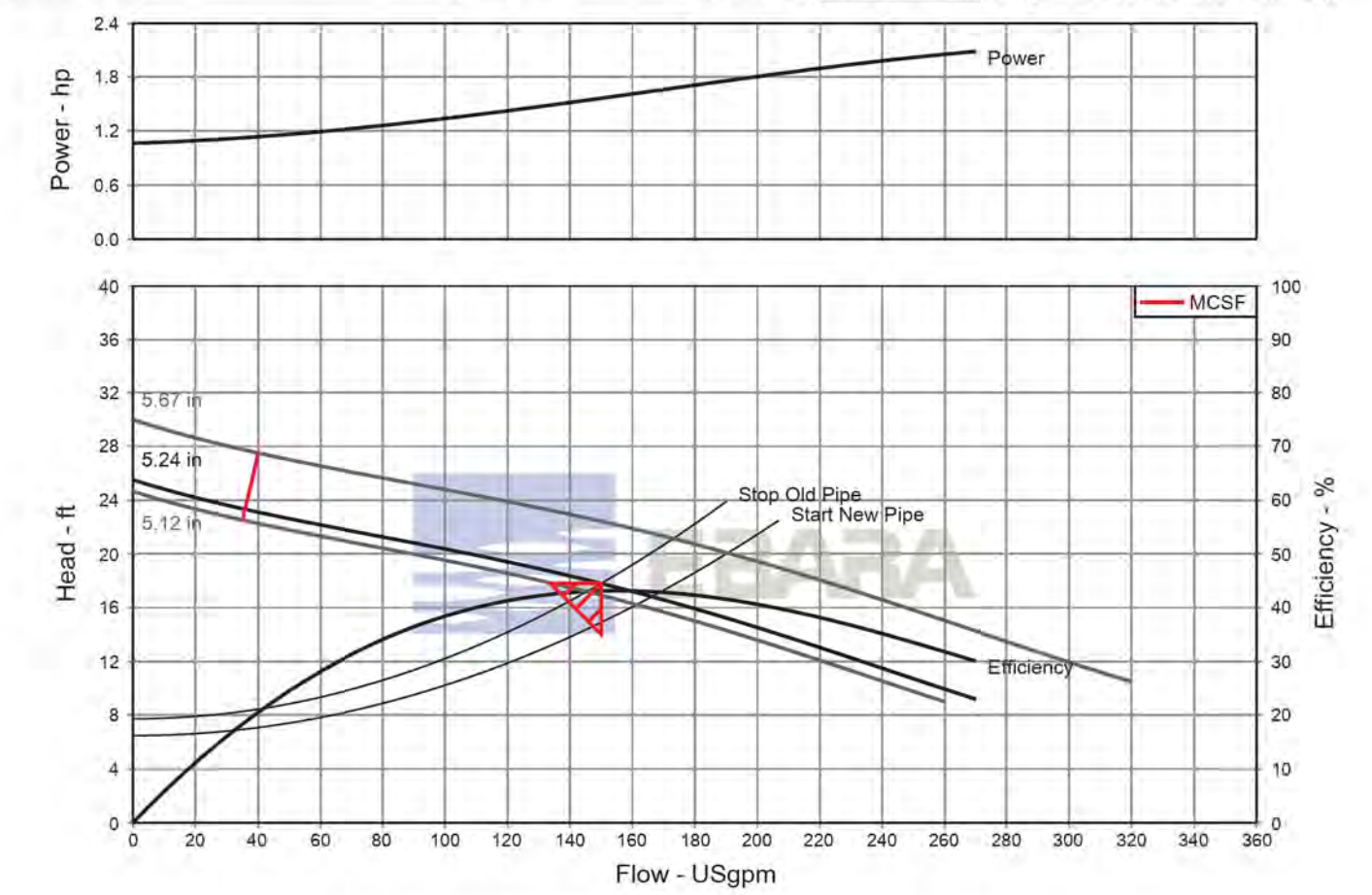
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PROJECT INFO Job Name: Montrose Company: RICK Engineering Company Contact: [Redacted] Job Type: New Station Water Type: Wastewater	PACKAGE/STARTUP Offering: Complete System Mechanical: [Redacted] Control Panel: [Redacted] Startup: [Redacted]																								
WELL SUMMARY Material: Concrete Diameter: 5 Feet Barrel: 7 Feet Inside Height: 10.00 Feet Storage Depth: 0.00 Feet Disch. Piping Size: 3" Disch. Piping Type: Straight Through Disch. Piping Valve: Unlined	CURRENT REVISION 4/18/17 0																								
WELL TOP Traffic Rating: H-20 Occasional Hatch Options: [Redacted] Vent Options: Vent (Cast in top slab)	ROMTEC UTILITIES RIM: 38.74 FG: 38.74																								
WELL BASE Base: Flat ramp (w/ gravel ring) Lining: No Lining	DISCH CL: 34.74																								
FORCE MAIN ID Length: 3' 0.0' Type/Rating: PVC SCH80 FM High Point: 33.47	INFLUENT: 30.93 HIGH LEVEL: 29.24 LEAD START: 28.99 LEAD STOP: 26.74																								
DUTY POINT Pumping Rate: 230 GPM (Total) Sump Head: 62.7' Feet TDH: 32.8' Feet	SUMP: 24.74 BASE: 24.07																								
PRIMARY PUMPS Manufacturer: Duplex Configuration Model: 800VBFU62.2 Impeller Model/Dis: [Redacted] Motor HP: 3 HP Voltage/Phase: 480V / 3 Phase Cable Length: 33' Mix Flush Valve: N/A	SENSOR AND ELEVATION TABLE																								
ROCKY PUMP Manufacturer: [Redacted] Model: [Redacted] Impeller Model/Dis: [Redacted] Motor HP: [Redacted] Voltage/Phase: [Redacted] Cable Length: [Redacted] Mix Flush Valve: [Redacted]	<table border="1"> <tr><th>Elevation</th><th>Distance</th><th>Description</th></tr> <tr><td>30.93</td><td></td><td>Invert</td></tr> <tr><td>29.24</td><td>0.00</td><td>HL Alarm</td></tr> <tr><td>28.99</td><td>0.25</td><td>Log Start</td></tr> <tr><td>28.49</td><td>0.50</td><td>Sensor Location</td></tr> <tr><td>26.74</td><td>1.75</td><td>Lead Start</td></tr> <tr><td>24.74</td><td>2.00</td><td>Pump Stop</td></tr> <tr><td>24.74</td><td></td><td>Sump Floor</td></tr> </table>	Elevation	Distance	Description	30.93		Invert	29.24	0.00	HL Alarm	28.99	0.25	Log Start	28.49	0.50	Sensor Location	26.74	1.75	Lead Start	24.74	2.00	Pump Stop	24.74		Sump Floor
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24.74	2.00	Pump Stop																							
24.74		Sump Floor																							
VALVE VAULT Valve Size: 8" Hatch: Model 506 (H-XXV) Pressure Gauge: N/A Check Options: Plain Shut Off Options: Plug Options: Direct Op Nut	METER VAULT Valve Size: N/A Hatch: N/A Pressure Gauge: 0 Check Options: 0 Shut Off Options: 0 Options: 0																								
CONTROL PANEL Power: 480V / 3 Phase Controller: [Redacted] Primary Sensor: 4 Bars Secondary Sensor: N/A Enclosure: NEMA 4 Pump/Sense Wiring: Direct Options: Alarm Beep, Audible Alarm	GENERATOR Model: N/A Enclosure: 0 Transfer Switch: 0 Options: 0 Type: 0																								
Montrose - PRELIMINARY DESIGN.dwg																									

PROJECT INFO Job Name: Fir Company: RICK Engineering Company Contact: [Redacted] Job Type: New Station Water Type: Wastewater	PACKAGE/STARTUP Offering: Complete System Mechanical: [Redacted] Control Panel: [Redacted] Startup: [Redacted]																								
WELL SUMMARY Material: Concrete Diameter: 5 Feet Barrel: 7 Feet Inside Height: 10.00 Feet Storage Depth: 0.00 Feet Disch. Piping Size: 3" Disch. Piping Type: Straight Through Disch. Piping Valve: Unlined	CURRENT REVISION 4/18/17 0																								
WELL TOP Traffic Rating: H-20 Occasional Hatch Options: [Redacted] Vent Options: Vent (Cast in top slab)	ROMTEC UTILITIES RIM: 38.20 FG: 38.20																								
WELL BASE Base: Flat ramp (w/ gravel ring) Lining: No Lining	DISCH CL: 34.20																								
FORCE MAIN ID Length: 3' 0.0' Type/Rating: PVC SCH80 FM High Point: 34.97	INFLUENT: 11.34 HIGH LEVEL: 31.20 LEAD START: 30.86 LEAD STOP: 29.20																								
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ROCKY PUMP Manufacturer: [Redacted] Model: [Redacted] Impeller Model/Dis: [Redacted] Motor HP: [Redacted] Voltage/Phase: [Redacted] Cable Length: [Redacted] Mix Flush Valve: [Redacted]	<table border="1"> <tr><th>Elevation</th><th>Distance</th><th>Description</th></tr> <tr><td>11.34</td><td></td><td>Invert</td></tr> <tr><td>11.20</td><td>0.00</td><td>HL Alarm</td></tr> <tr><td>10.95</td><td>0.25</td><td>Log Start</td></tr> <tr><td>10.45</td><td>0.50</td><td>Sensor Location</td></tr> <tr><td>29.20</td><td>1.25</td><td>Lead Start</td></tr> <tr><td>27.20</td><td>2.00</td><td>Pump Stop</td></tr> <tr><td></td><td></td><td>Sump Floor</td></tr> </table>	Elevation	Distance	Description	11.34		Invert	11.20	0.00	HL Alarm	10.95	0.25	Log Start	10.45	0.50	Sensor Location	29.20	1.25	Lead Start	27.20	2.00	Pump Stop			Sump Floor
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Fir - PRELIMINARY DESIGN.dwg																									

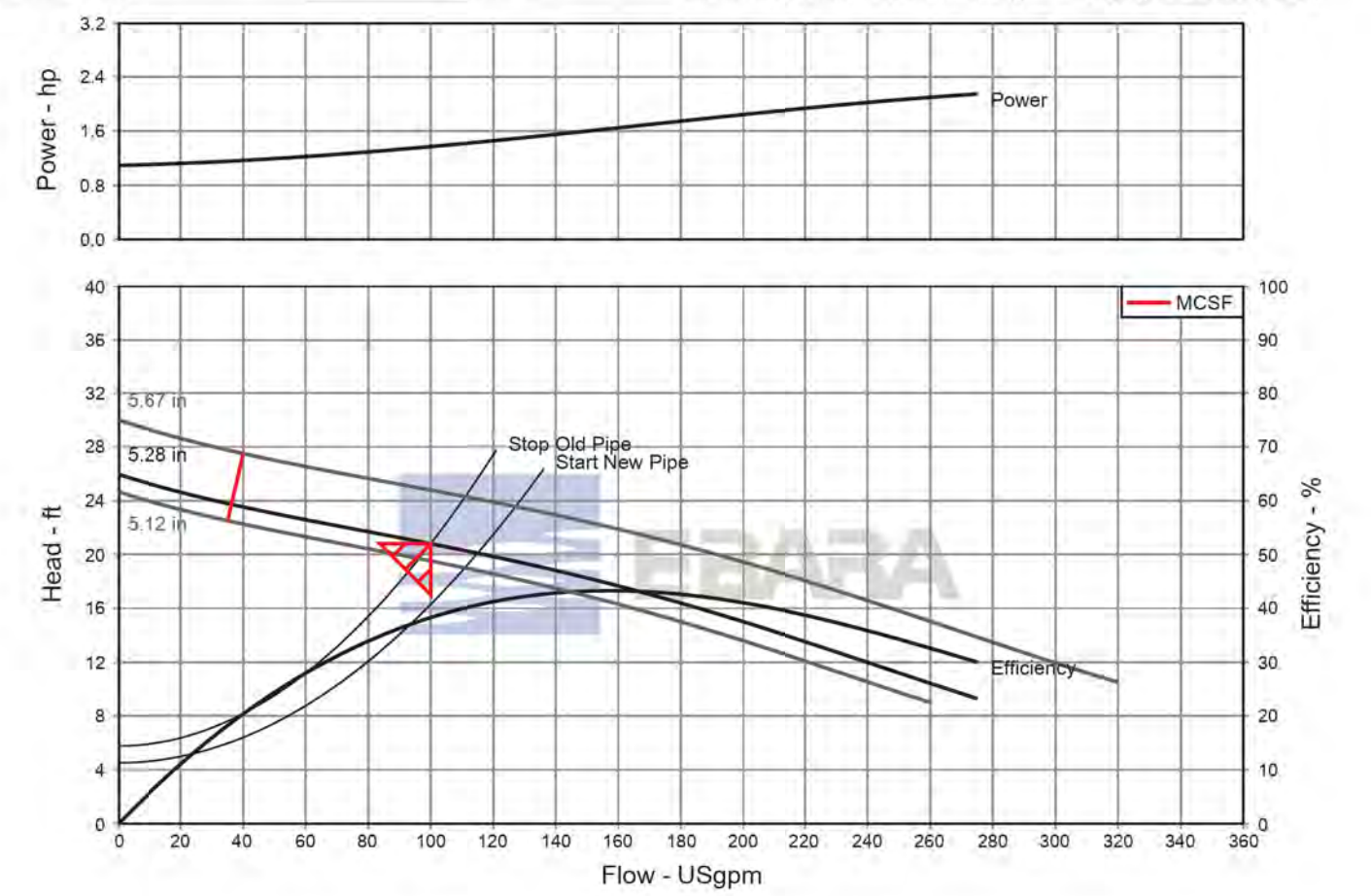
Ebara Customer Reference: Romtec Utilities, Montrose
Pump Performance Datasheet
 Ebara QStation System 17.1.4.0

Item number: Default	Product Description: 800VBFU62.2
Service: 1	Stages: 1
Quantity: 1	Based on curve number: DV-C607-9204
Quote number: 1	Date last saved: 18 Apr 2017 2:54 PM
Operating Conditions	Liquid
Flow, rated: 150.0 USgpm	Liquid type: Water
Differential head / pressure, rated (requested): 17.80 ft	Additional liquid description:
Differential head / pressure, rated (actual): 18.26 ft	Solids diameter, max: 0.00 in
Suction pressure, rated / max: 0.00 / 0.00 psi g	Solids concentration, by volume: 0.00 %
NPSH available, rated: Ample	Temperature, max: 68.00 deg F
Frequency: 60 Hz	Fluid density, rated / max: 1.000 / 1.000 SG
Performance	Viscosity, rated: 1.00 cP
Speed, rated: 1740 rpm	Vapor pressure, rated: 0.00 psi a
Impeller diameter, rated: 5.24 in	Material
Impeller diameter, maximum: 5.67 in	Material selected: Cast Iron
Impeller diameter, minimum: 5.12 in	Pressure Data
Efficiency: 45.10 %	Maximum working pressure: 11.04 psi g
NPSH required / margin required: < 0.00 ft	Maximum allowable working pressure: N/A
Ns (imp. eye flow) / Nss (imp. eye flow): 2.377 / - US Units	Maximum allowable suction pressure: N/A
Head, maximum, rated diameter: 25.51 ft	Hydrostatic test pressure: N/A
Head rise to shutoff: 43.29 ft	Driver & Power Data (G/Max density)
Flow, best eff. point: 155.1 USgpm	Driver sizing specification: Rated power
Flow ratio, rated / BEP: 96.71 %	Margin over specification: 0.00 %
Diameter ratio (rated / max): 92.36 %	Service factor: 1.00
Head ratio (rated dia / max dia): 179.26 %	Power, hydraulic: 0.67 hp
Cp/Ce/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00	Power, rated: 1.96 hp
Selection status: Acceptable	Power, maximum, rated diameter: 2.09 hp
	Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



Ebara Customer Reference: Romtec Utilities, Fir
Pump Performance Datasheet
 Ebara QStation System 17.1.4.0

Item number: Default	Product Description: 800VBFU62.2
Service: 1	Stages: 1
Quantity: 1	Based on curve number: DV-C607-9204
Quote number: 1	Date last saved: 18 Apr 2017 2:07 PM
Operating Conditions	Liquid
Flow, rated: 100.0 USgpm	Liquid type: Water
Differential head / pressure, rated (requested): 20.80 ft	Additional liquid description:
Differential head / pressure, rated (actual): 20.97 ft	Solids diameter, max: 0.00 in
Suction pressure, rated / max: 0.00 / 0.00 psi g	Solids concentration, by volume: 0.00 %
NPSH available, rated: Ample	Temperature, max: 68.00 deg F
Frequency: 60 Hz	Fluid density, rated / max: 1.000 / 1.000 SG
Performance	Viscosity, rated: 1.00 cP
Speed, rated: 1740 rpm	Vapor pressure, rated: 0.00 psi a
Impeller diameter, rated: 5.28 in	Material
Impeller diameter, maximum: 5.67 in	Material selected: Cast Iron
Impeller diameter, minimum: 5.12 in	Pressure Data
Efficiency: 45.10 %	Maximum working pressure: 11.23 psi g
NPSH required / margin required: < 0.00 ft	Maximum allowable working pressure: N/A
Ns (imp. eye flow) / Nss (imp. eye flow): 2.377 / - US Units	Maximum allowable suction pressure: N/A
Head, maximum, rated diameter: 25.95 ft	Hydrostatic test pressure: N/A
Head rise to shutoff: 24.74 ft	Driver & Power Data (G/Max density)
Flow, best eff. point: 157.3 USgpm	Driver sizing specification: Rated power
Flow ratio, rated / BEP: 63.58 %	Margin over specification: 0.00 %
Diameter ratio (rated / max): 93.06 %	Service factor: 1.00
Head ratio (rated dia / max dia): 25.91 %	Power, hydraulic: 0.53 hp
Cp/Ce/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00	Power, rated: 1.37 hp
Selection status: Acceptable	Power, maximum, rated diameter: 2.15 hp
	Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

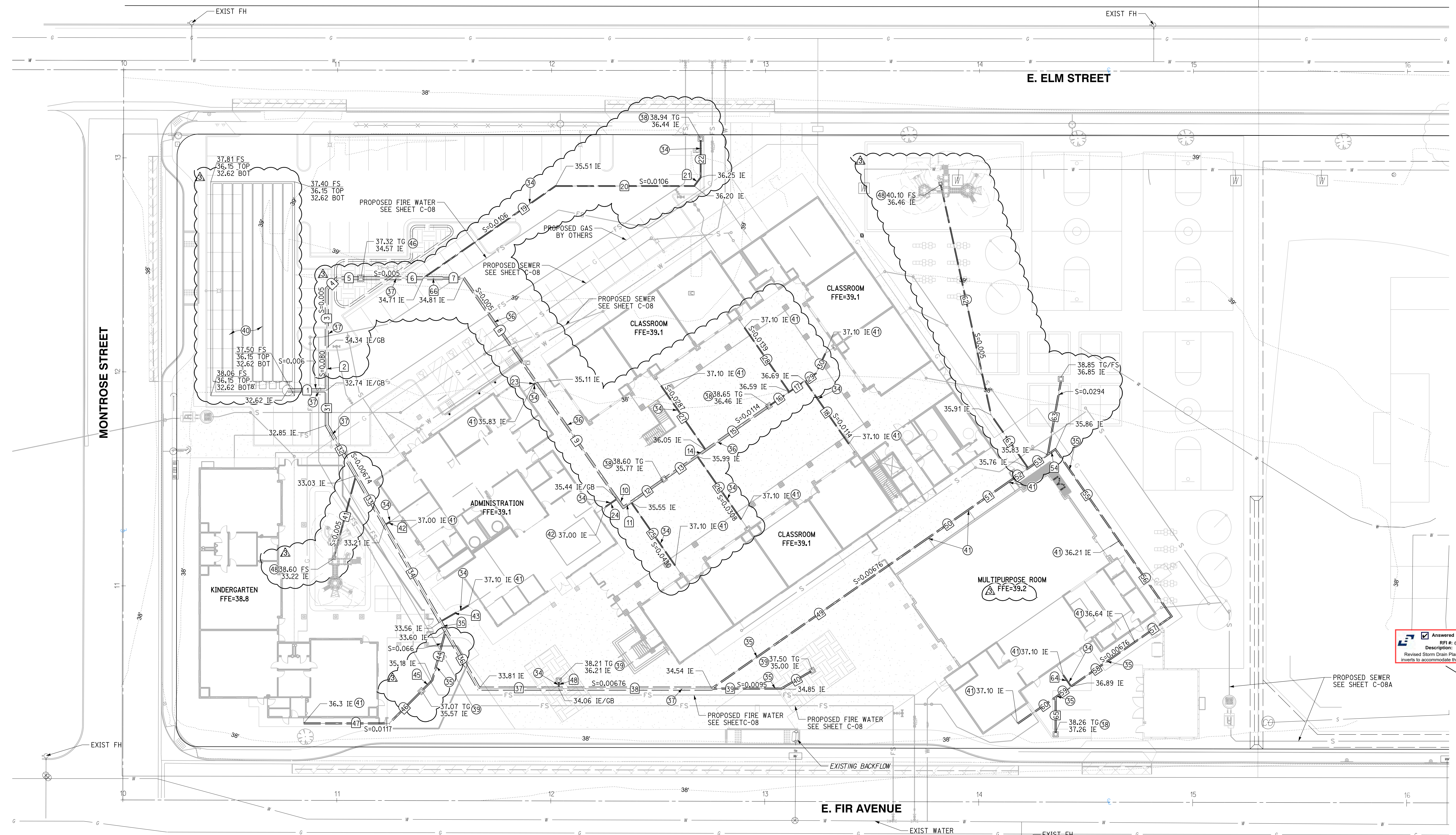
SHEET NUMBER: **C-09**

SHEET TITLE: **STORM DRAIN PLAN**



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18" X 18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24" X 24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18" X 18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12" X 12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

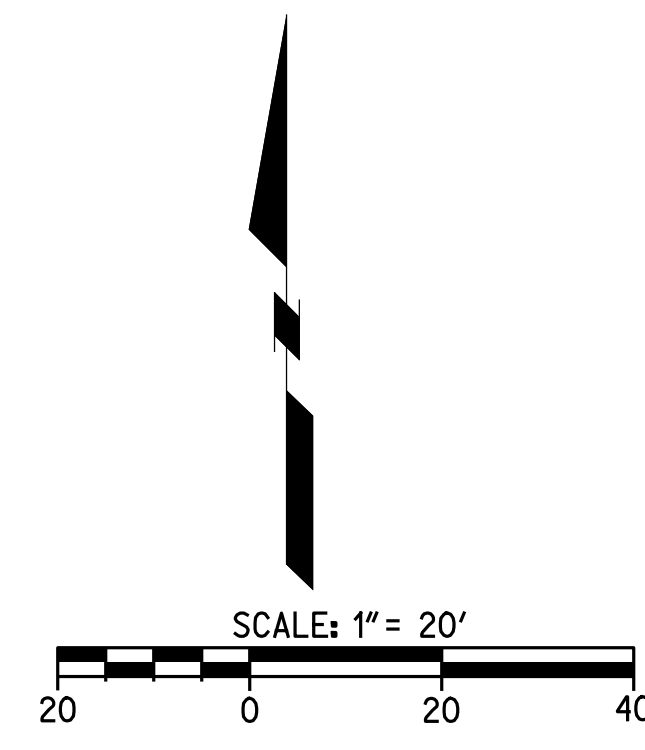


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



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DESCRIPTION	DATE
BULLETIN 3	5-12-2017

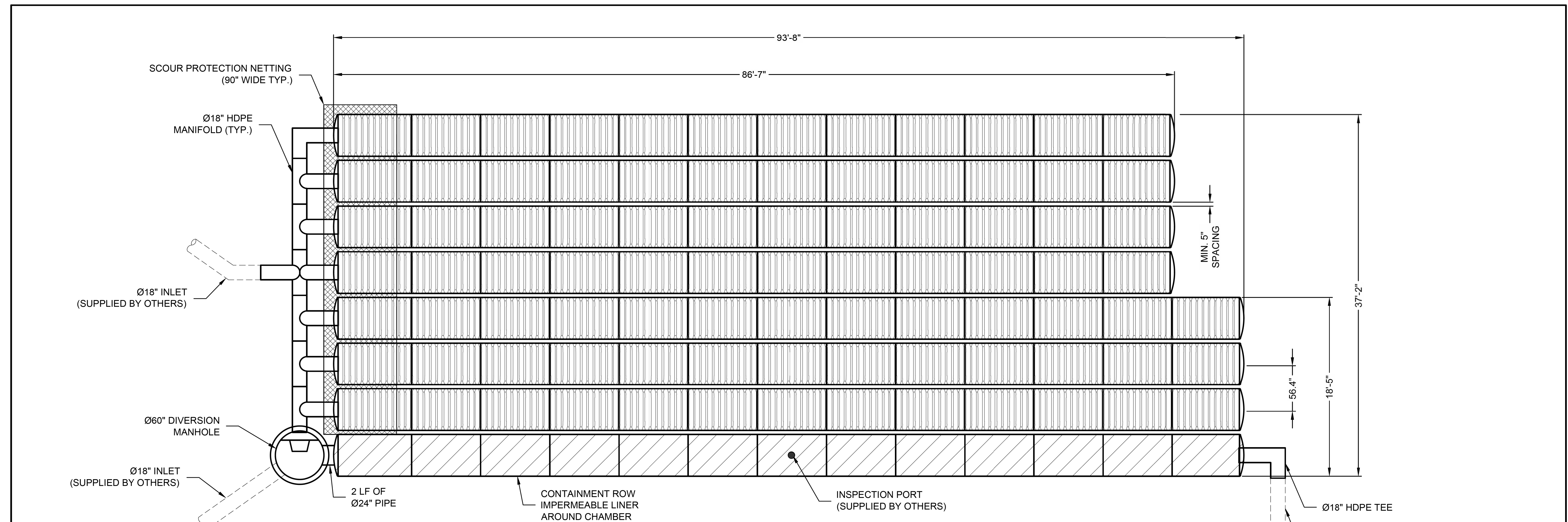
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: **C-10**
 SHEET TITLE:

STORM DRAIN DETAILS

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 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

SVA
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 T 949.809.3380 WWW.SVA-ARCHITECTS.COM
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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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 ENGINEERED SOLUTIONS LLC
 www.ContechES.com
 11815 NE Glenn Widing Drive, Portland, OR 97220
 800-548-4667 503-240-3393 800-561-1271 FAX

CHAMBERMaxx®
 PATENT PENDING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 4		

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A# 03-116407
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

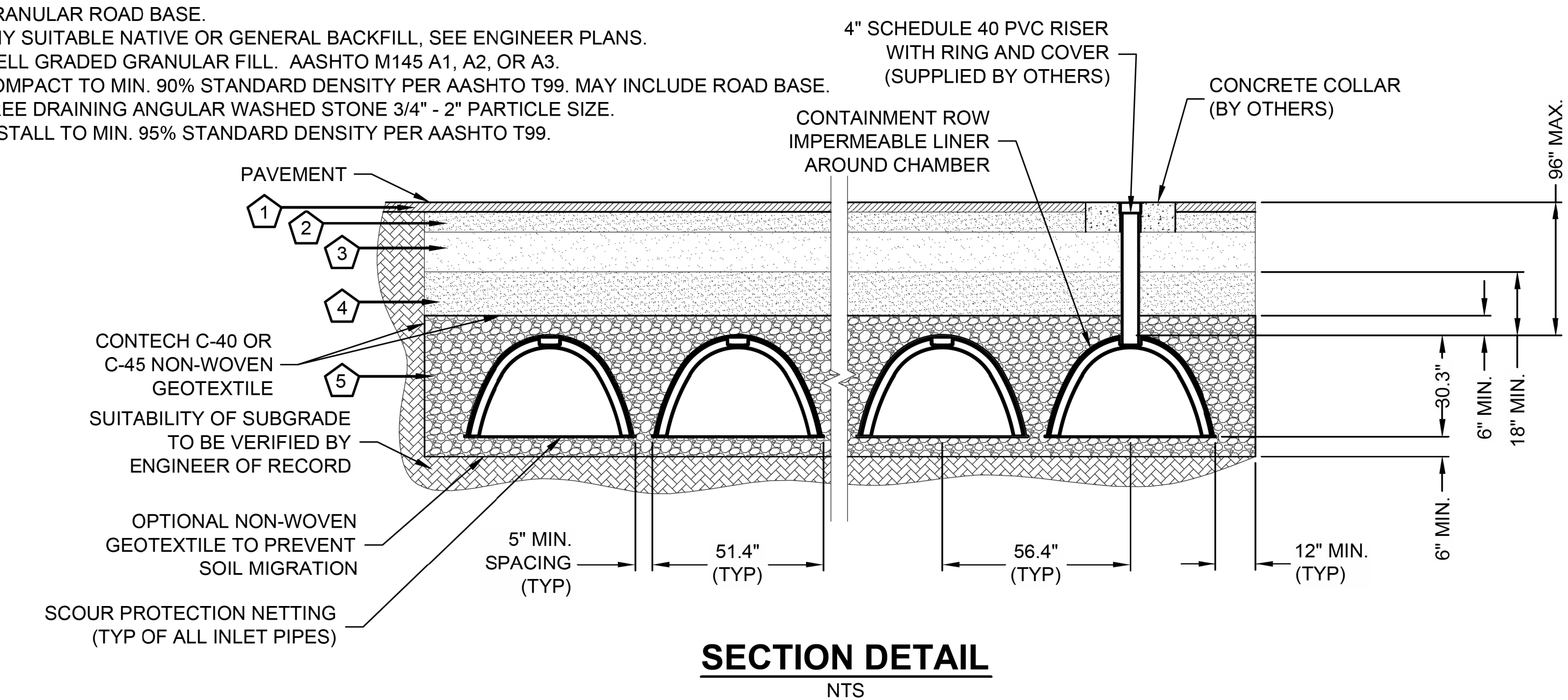
STORM DRAIN DETAILS

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 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@earthlink.net

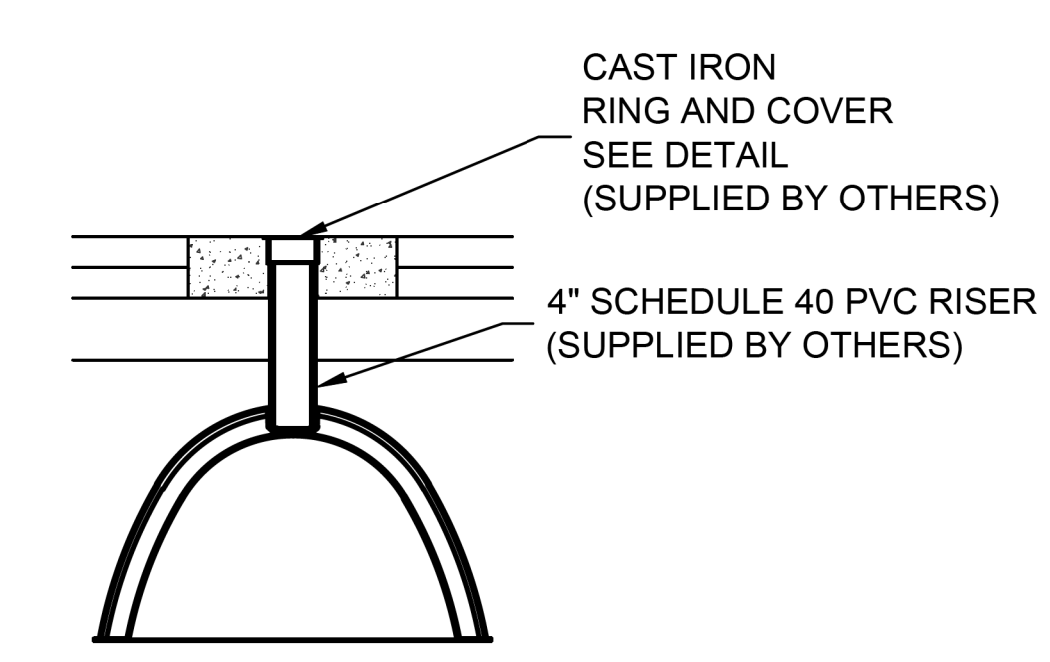
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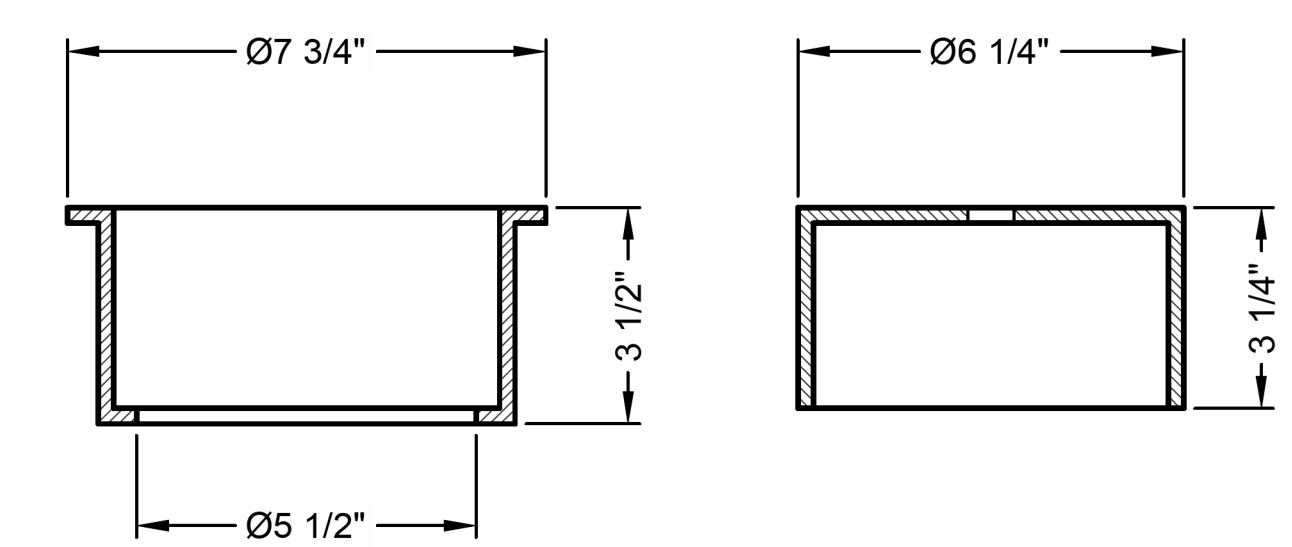
- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.



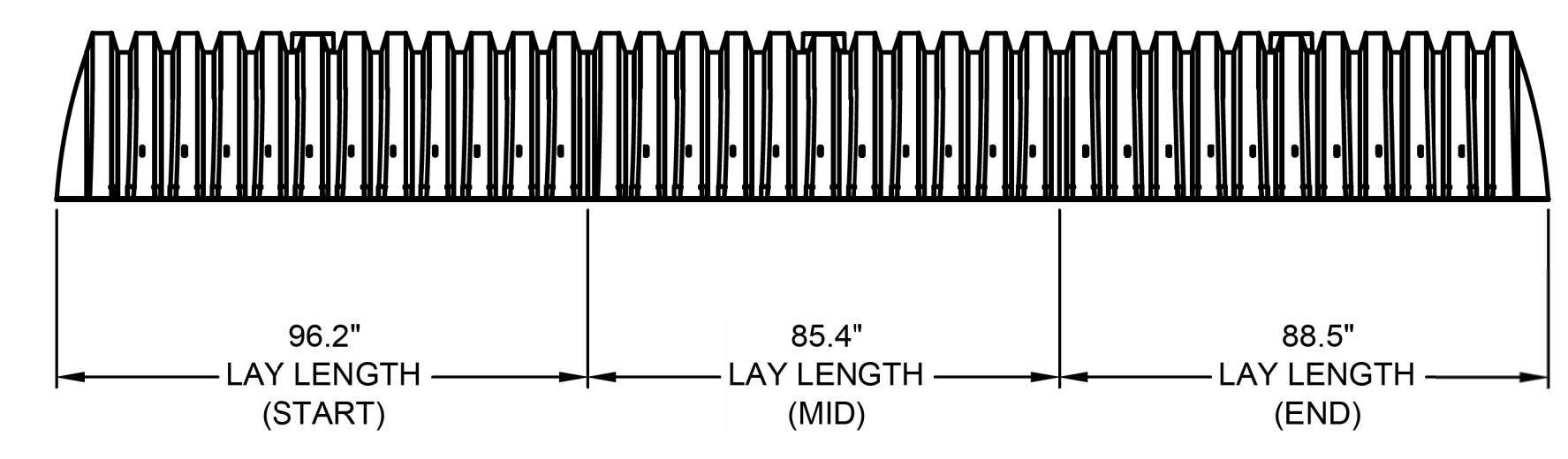
SECTION DETAIL
NTS



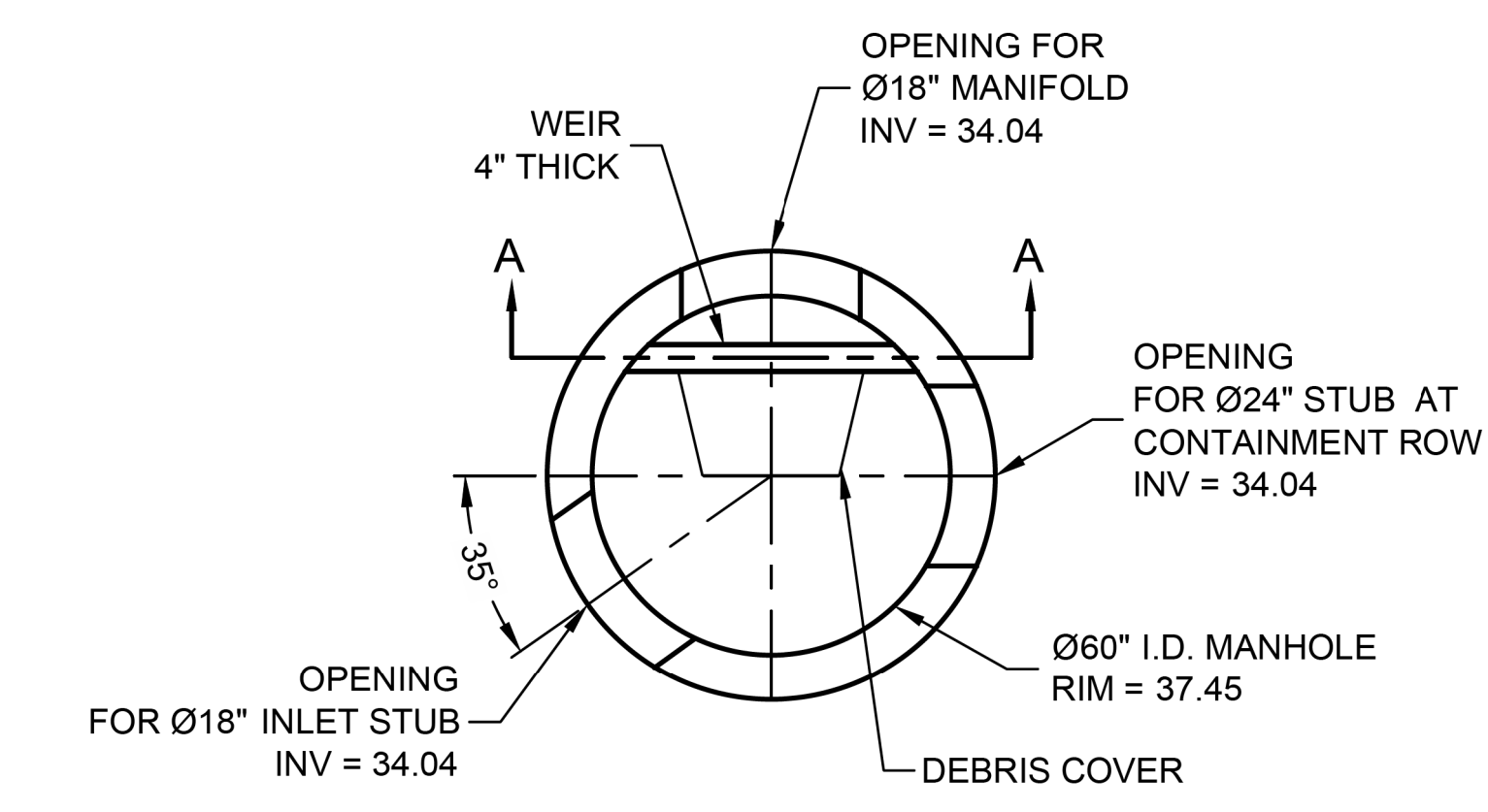
INSPECTION PORT DETAIL
NTS



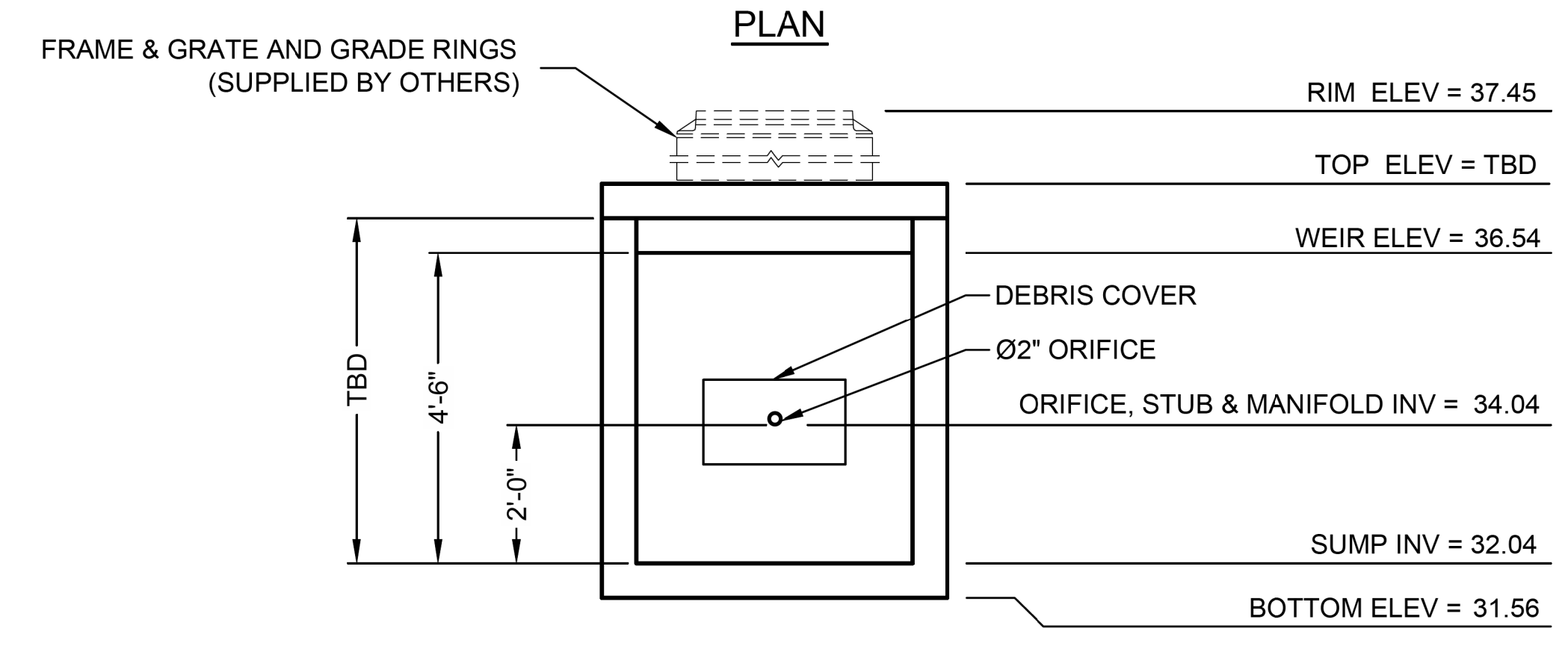
RING AND COVER DETAIL
NTS



TYPICAL ELEVATION VIEW
NTS



PLAN



SECTION A-A
DIVERSION MANHOLE DETAIL
NTS

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 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	SEQ. No:	DATE:
512582	010	11/19/2014
DESIGNED:	DRAWN:	
CDH	FCS	
CHECKED:	APPROVED:	
SHEET No:	2 OF 4	

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DESCRIPTION	DATE
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DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: NONE
SHEET NUMBER: C-12
SHEET TITLE:

STORM DRAIN DETAILS



CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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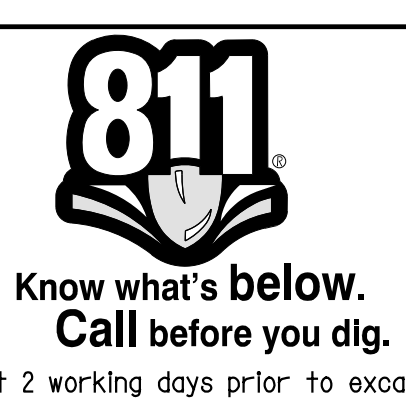
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 800-548-4667 503-240-3393 800-561-1271 FAX

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 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
CHECKED:		APPROVED:			
SHEET NO.:	3		OF 4		



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

MARK	DESCRIPTION	DATE
A	BULLETIN 3	5-12-2017

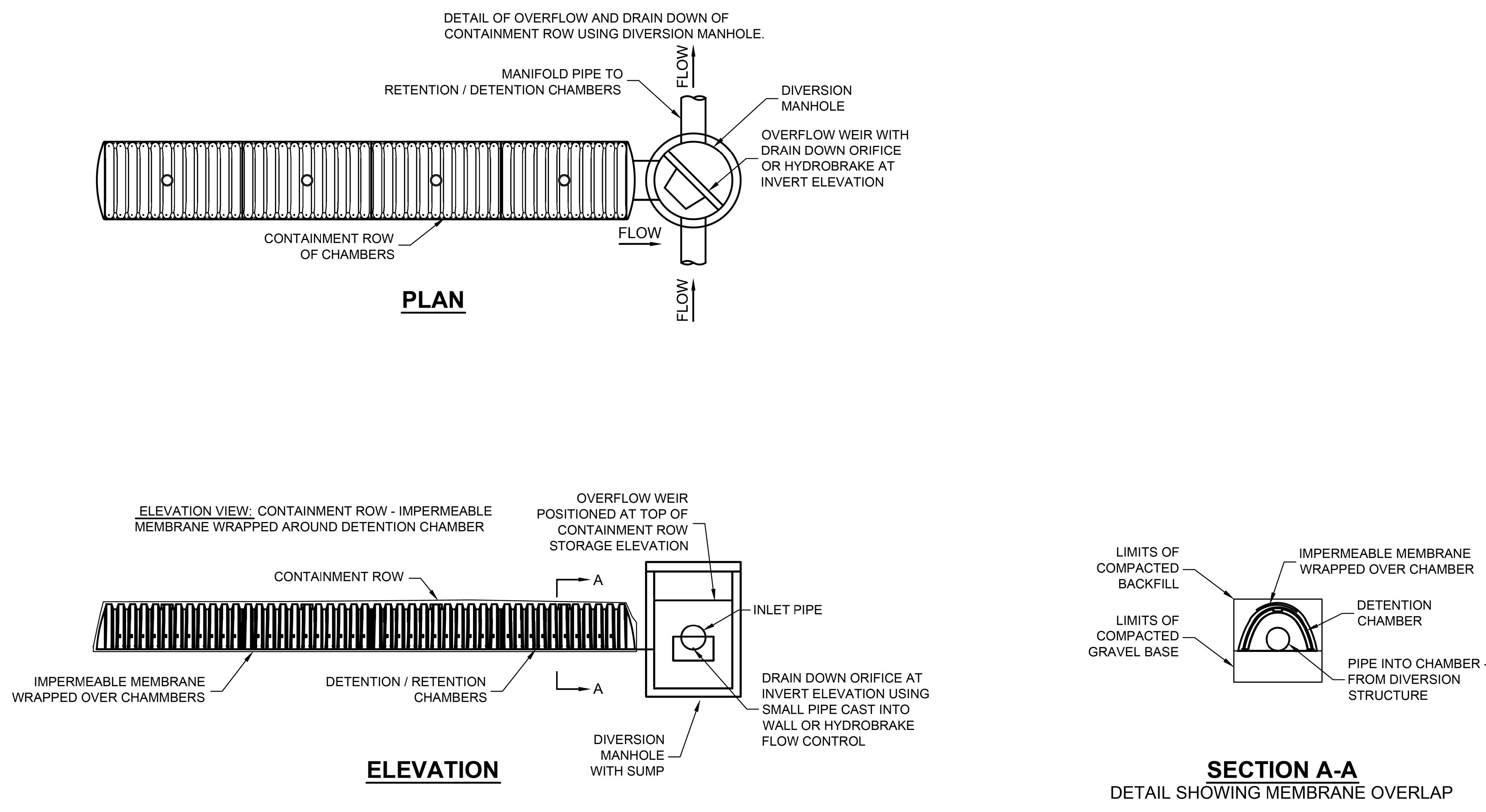
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-13

STORM DRAIN DETAILS

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 ENGINEERING COMPANY
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CONTAINMENT ROW DETAILS
 NTS

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MARK	DATE	REVISION DESCRIPTION	BY
1	11/09/16	ENGINEER OF RECORD	CLB

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 800-548-4667 503-240-3393 800-561-1271 FAX

CHAMBERMaxx
 PATENT PENDING
 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEG. No.:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
CHECKED:		APPROVED:			
SHEET NO.:	4 OF 4				



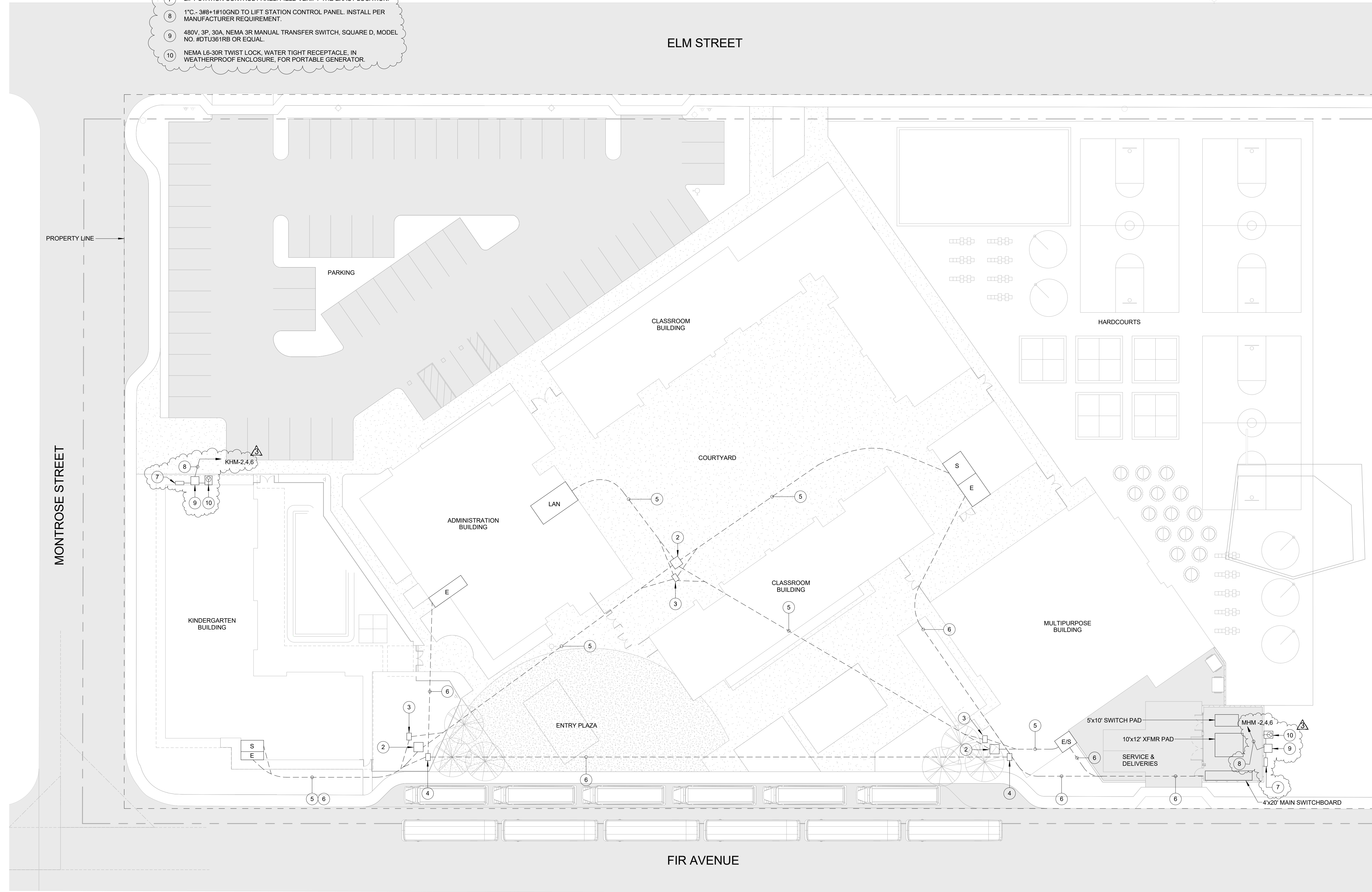
CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA

REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
(1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
(1) 2" - PAINTER COMMUNICATION/TELEPHONE SYSTEM
(1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
(1) 2" - FIRE ALARM SYSTEM
(1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
(1) 2" - FUTURE SOLAR SYSTEM
(1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
(1) 2" - FUTURE SOLAR SYSTEM
(1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" C, 3/8"-1 1/4" I.D. TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT.
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTUS81RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



ROSHANIAN & ASSOCIATES, INC.
ELECTRICAL, MECHANICAL, AND TECHNOLOGY ENGINEERS
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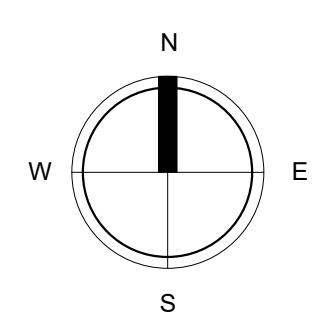
A# 03-116407
AC FLS SS
DATE

REVISIONS:

DESCRIPTION	DATE
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DATE ISSUED: Mar. 06, 2015
PROJECT NO: 1340159
SCALE: 1" = 20'-0"
SHEET NUMBER: **E-1.2**
SHEET TITLE:

ELECTRICAL SITE PLAN



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Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

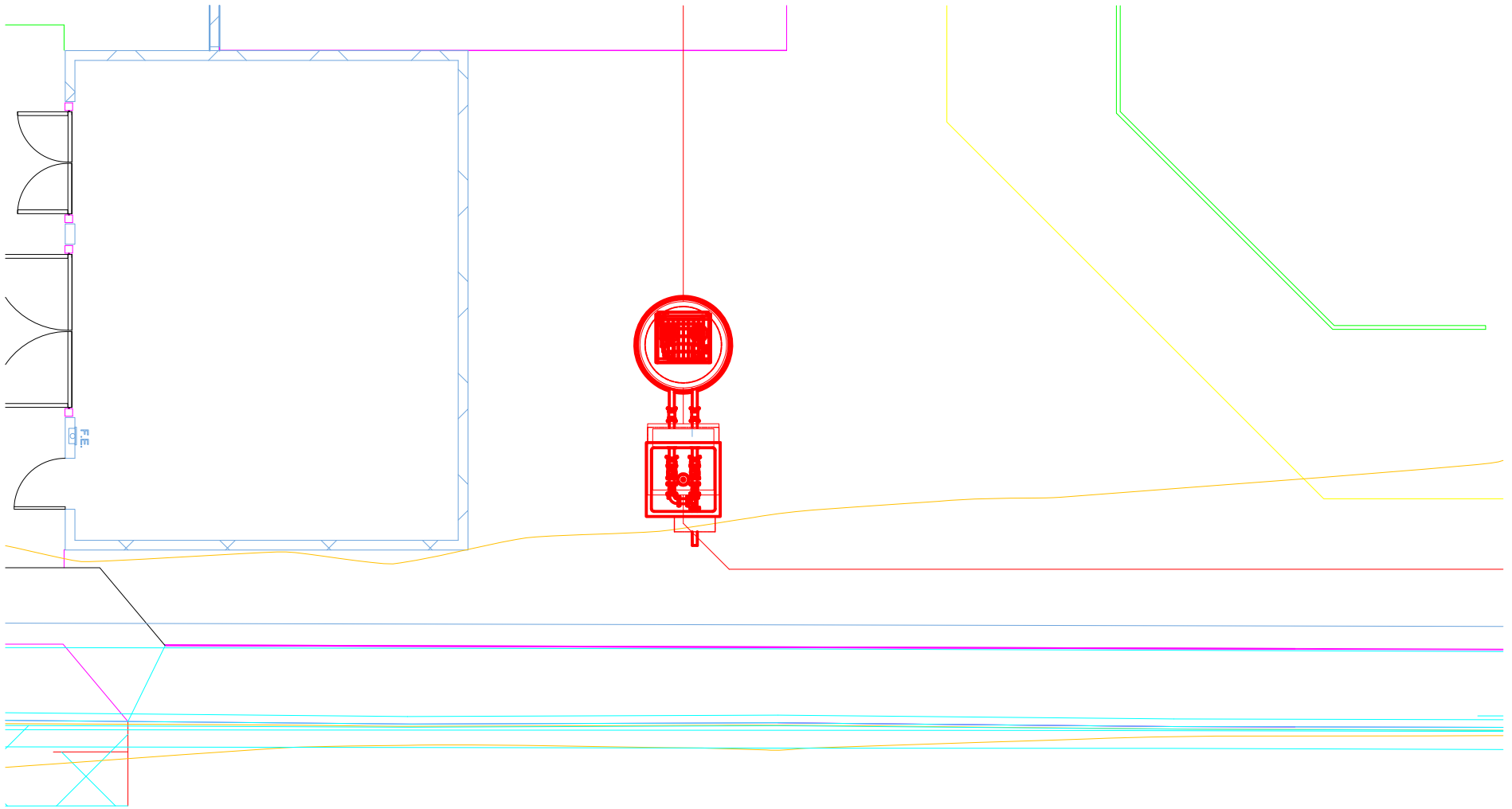
2.9 Exclusions

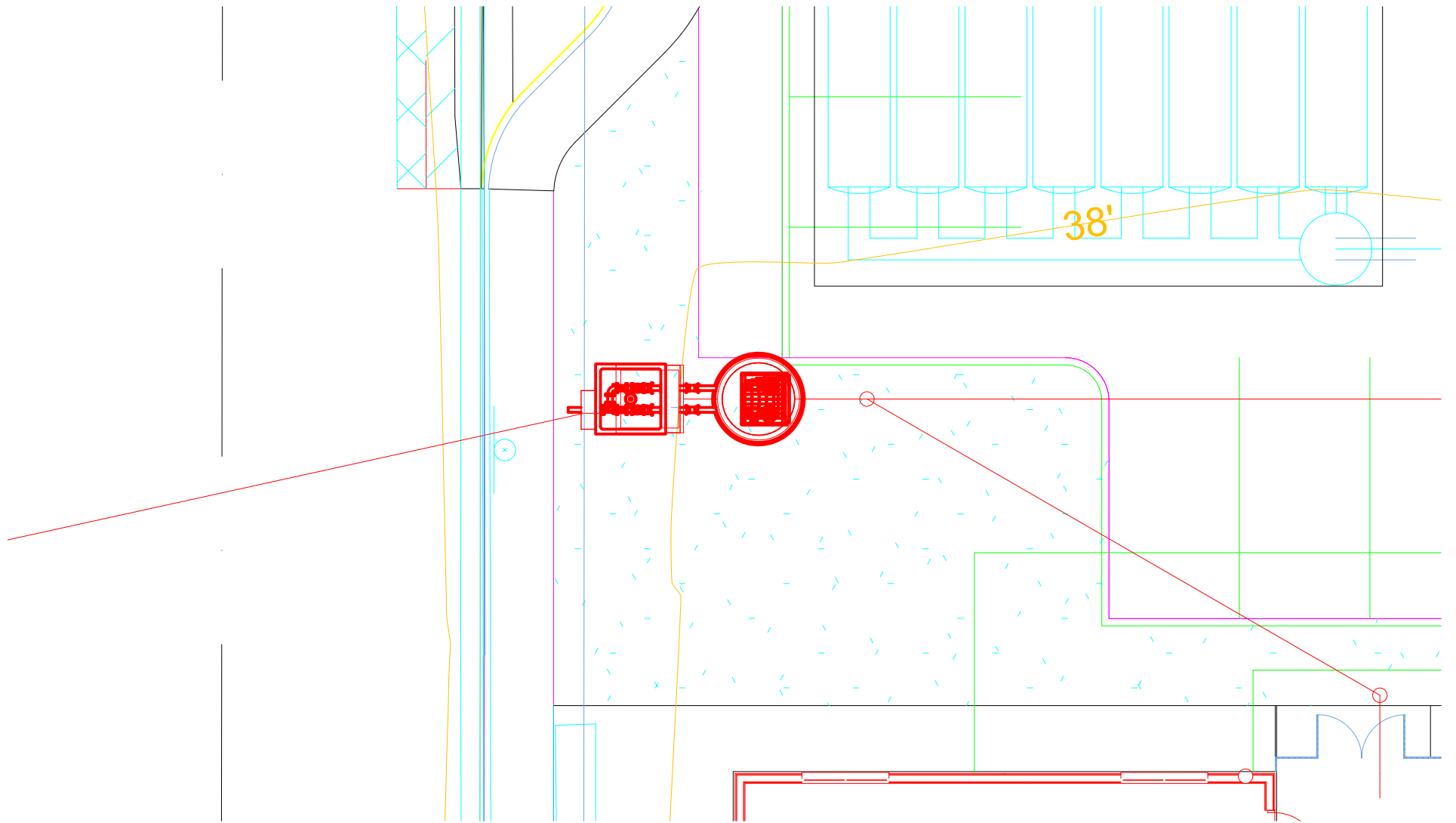
- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable





OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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▲ BULLETIN 3.1	7-6-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING

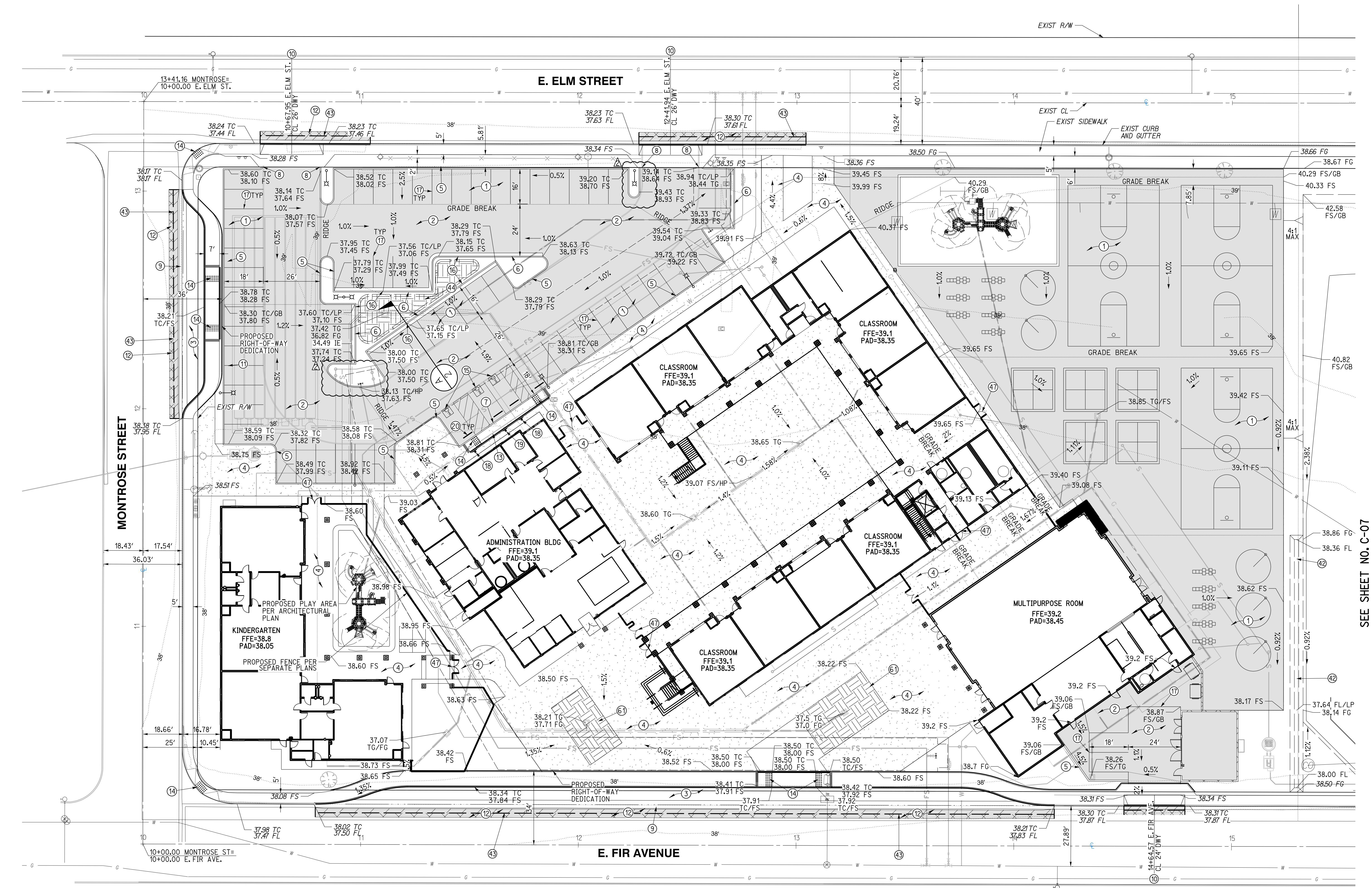


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GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

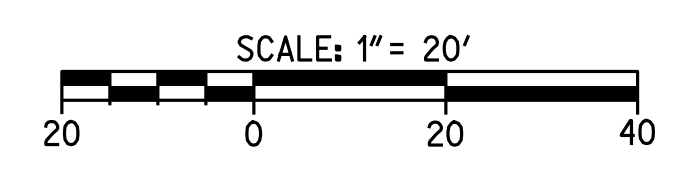
*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OC UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
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 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08

SHEET TITLE:

UTILITY PLAN



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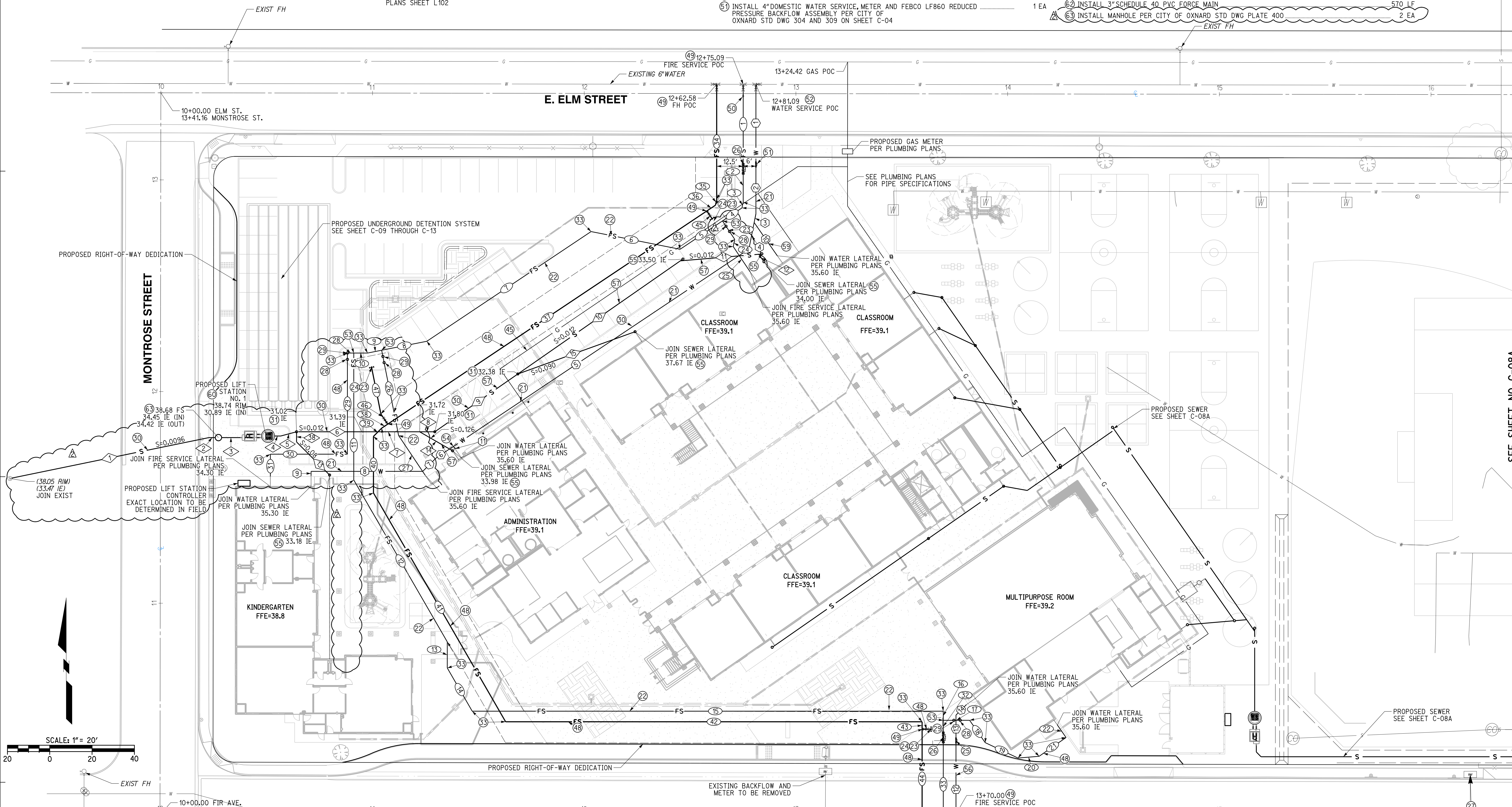


ARCHITECTS

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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

21	INSTALL 4" C-900 PVC WATER SERVICE	250 LF	28	INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS	4 EA	62	INSTALL 6"x6"x4" TEE	1 EA
22	INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE	1,000 LF	29	INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS	4 EA	63	INSTALL 8"x8"x8" TEE	5 EA
23	INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	30	INSTALL 6" SDR-35 PVC SEWER	600 LF	64	INSTALL 4"x4"x4" TEE	1 EA
24	INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 301 ON SHEET C-04	2 EA	31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA	65	INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	10 EA
25	INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04	1 EA	32	CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401	2 EA	66	INSTALL 2.5" COPPER WATER SERVICE	50 LF
26	INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311. FEBCO 8" DOUBLE CHECK DETECTOR BACKFLOW B565T ON SHEET C-04	2 EA	33	INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320	30 EA	67	INSTALL 4" SDR-35 PVC SEWER	350 LF
27	CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET L102	1 EA	34	INSTALL GAS SERVICE BY OTHERS	850 LF	68	INSTALL 2" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	95 LF
			35	INSTALL 6" C-900 PVC FIRE SERVICE	700 LF	69	INSTALL 2.5" D2241/IB PVC WATER SERVICE OR APPROVED EQUAL	25 LF
			36	INSTALL 6"x6"x6" TEE	7 EA	70	INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
			37	INSTALL 8" TO 6" REDUCER	2 EA	71	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
			38	INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04	1 EA	72	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/IB PVC
7	N 45°00'00" E		8.95'	2" D2241/IB PVC
8	N 90°00'00" W		52.75'	2" D2241/IB PVC
9	N 0°00'00" E		2.00'	2" D2241/IB PVC
10	N 34°49'35" W		19.14'	2" D2241/IB PVC
11	N 33°45'00" W		1.47'	2.5" COPPER
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/IB PVC
14	N 45°00'00" E		6.93'	2.5" D2241/IB PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	6" SDR-35 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		8.81'	6" SDR-35 PVC
4	N 90°00'00" W		3.00'	6" SDR-35 PVC
5	N 75°00'00" E		7.73'	6" SDR-35 PVC
6	N 90°00'00" W		30.84'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		22.08'	4" SDR-35 PVC
14	N 60°00'00" W		17.98'	4" SDR-35 PVC
15	N 20°09'36" E		58.87'	4" SDR-35 PVC
16	N 0°00'00" E		4.83'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

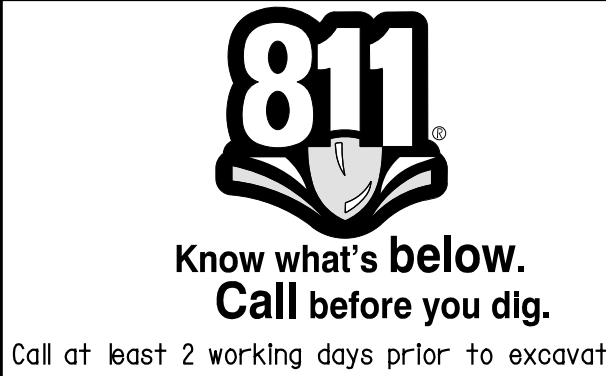
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" E		11.09'	8" C-900 PVC
5	N 56°15'00" E		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		93.30'	8" C-900 PVC
8	N 78°45'00" W		21.76'	8" C-900 PVC
9	N 78°45'00" E		6.77'	8" C-900 PVC
10	N 90°00'00" W		6.52'	8" C-900 PVC
11	N 0°00'00" E		59.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		3.52'	8" C-900 PVC
25	N 33°45'00" W		14.35'	8" C-900 PVC
26	N 11°15'00" W		41.05'	8" C-900 PVC
27	N 33°45'00" W		22.52'	8" C-900 PVC
28	N 90°00'00" W		3.00'	8" C-900 PVC
29	N 0°00'00" E		47.79'	8" C-900 PVC
30	N 90°00'00" W		36.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		4.42'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.47'	6" C-900 PVC
48	N 90°00'00" W		4.25'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08A

SHEET TITLE:

UTILITY PLAN



1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
(FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rickeng.com

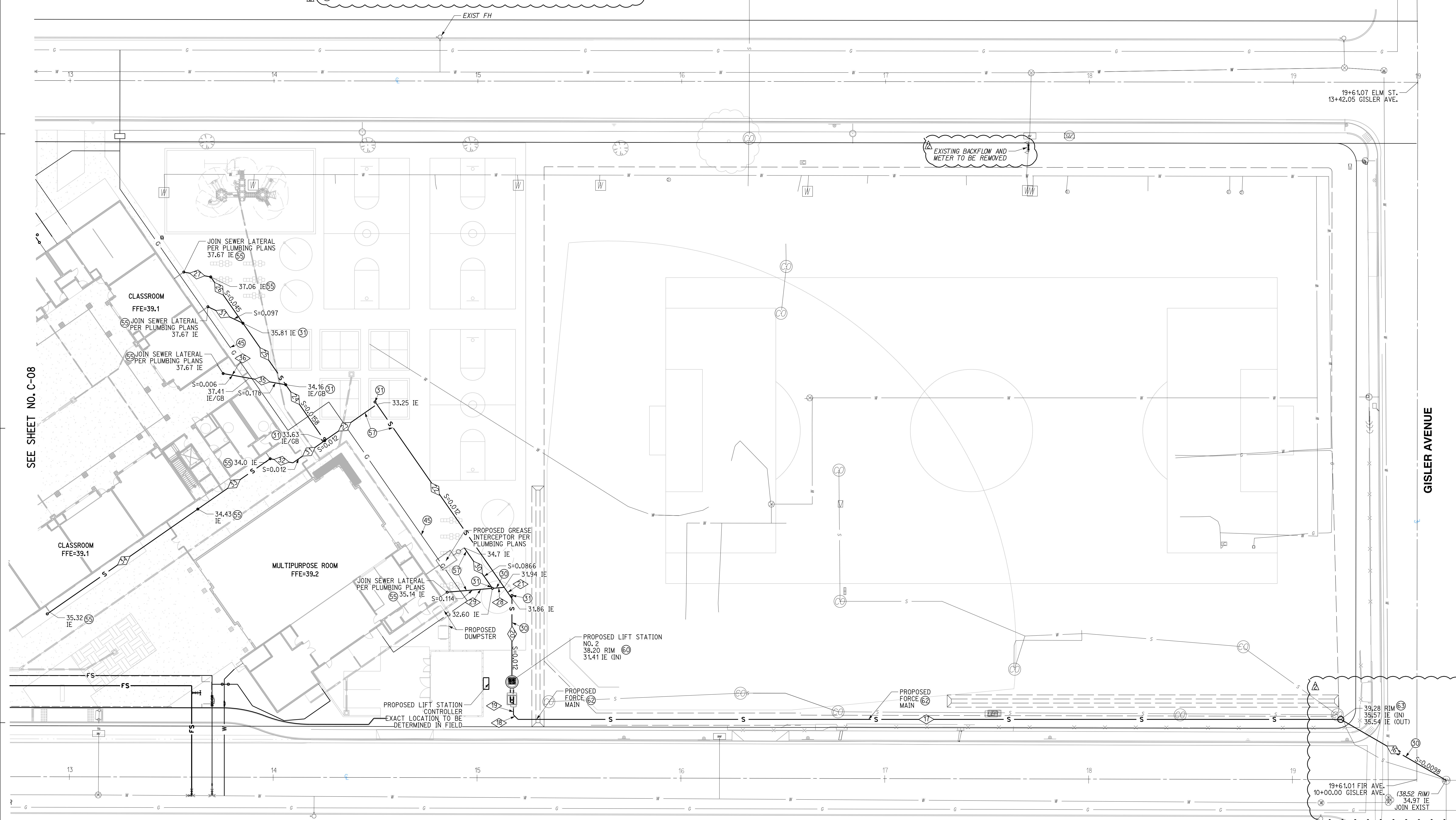


3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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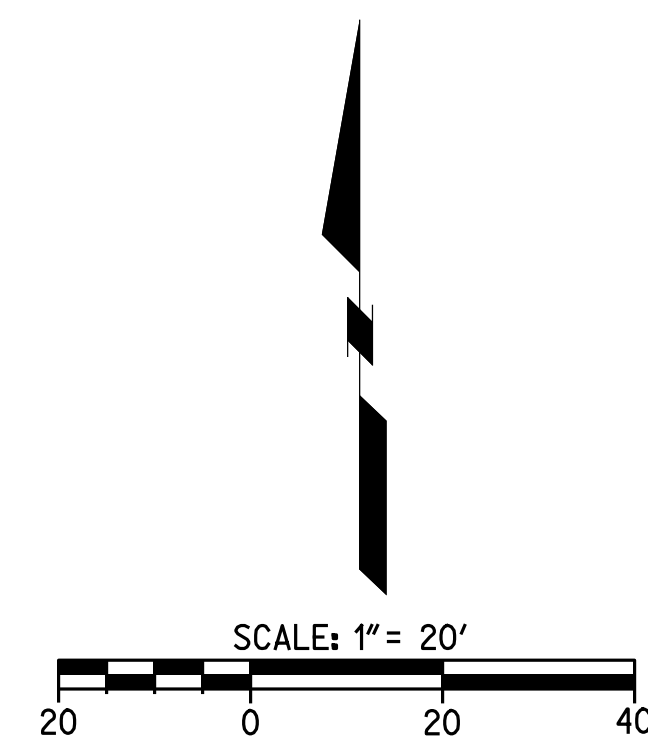
UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

50	INSTALL 6" SDR-35 PVC SEWER	600 LF
51	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
49	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
63	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA



NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407
AC FLS SS
DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

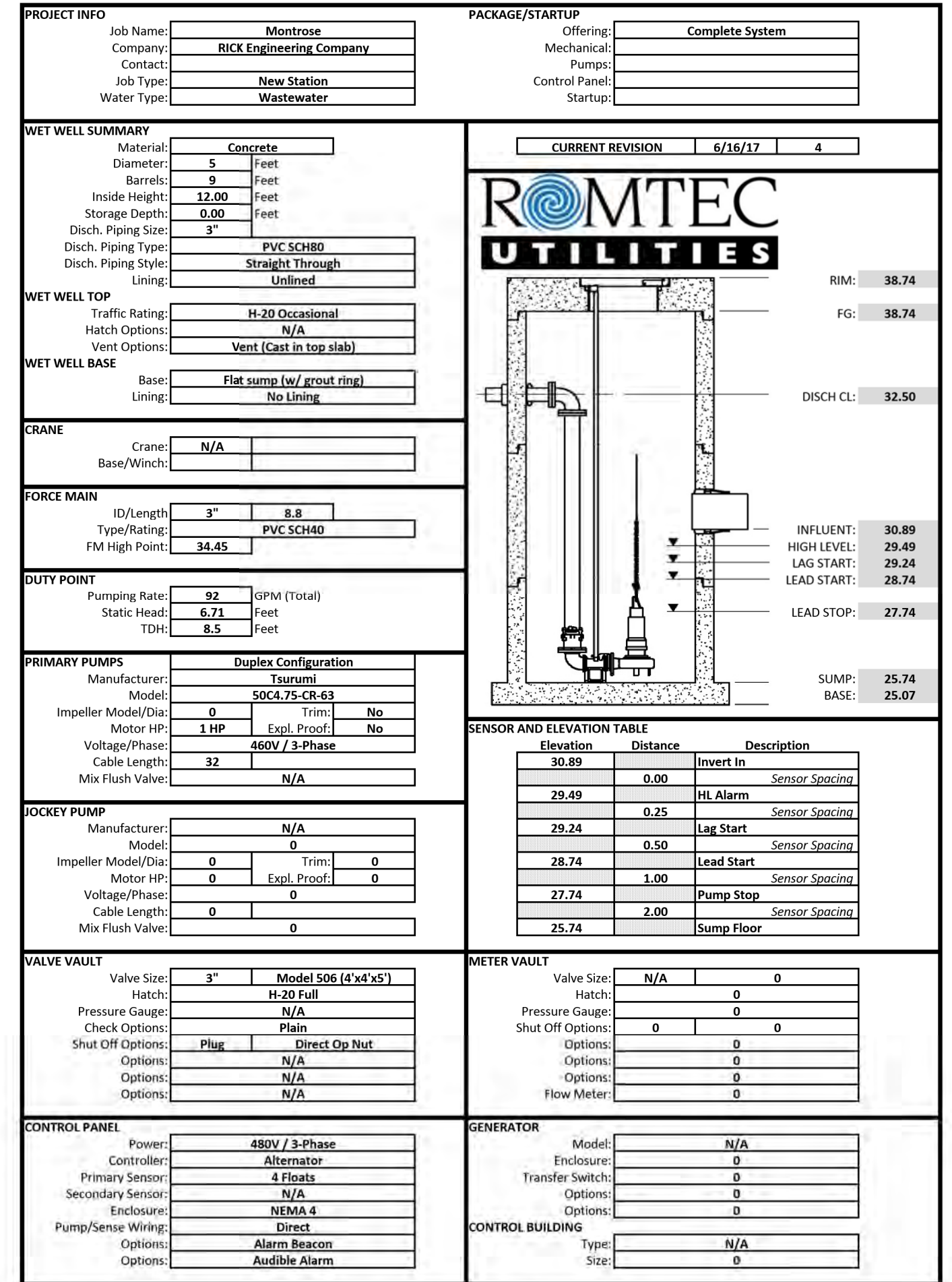
DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

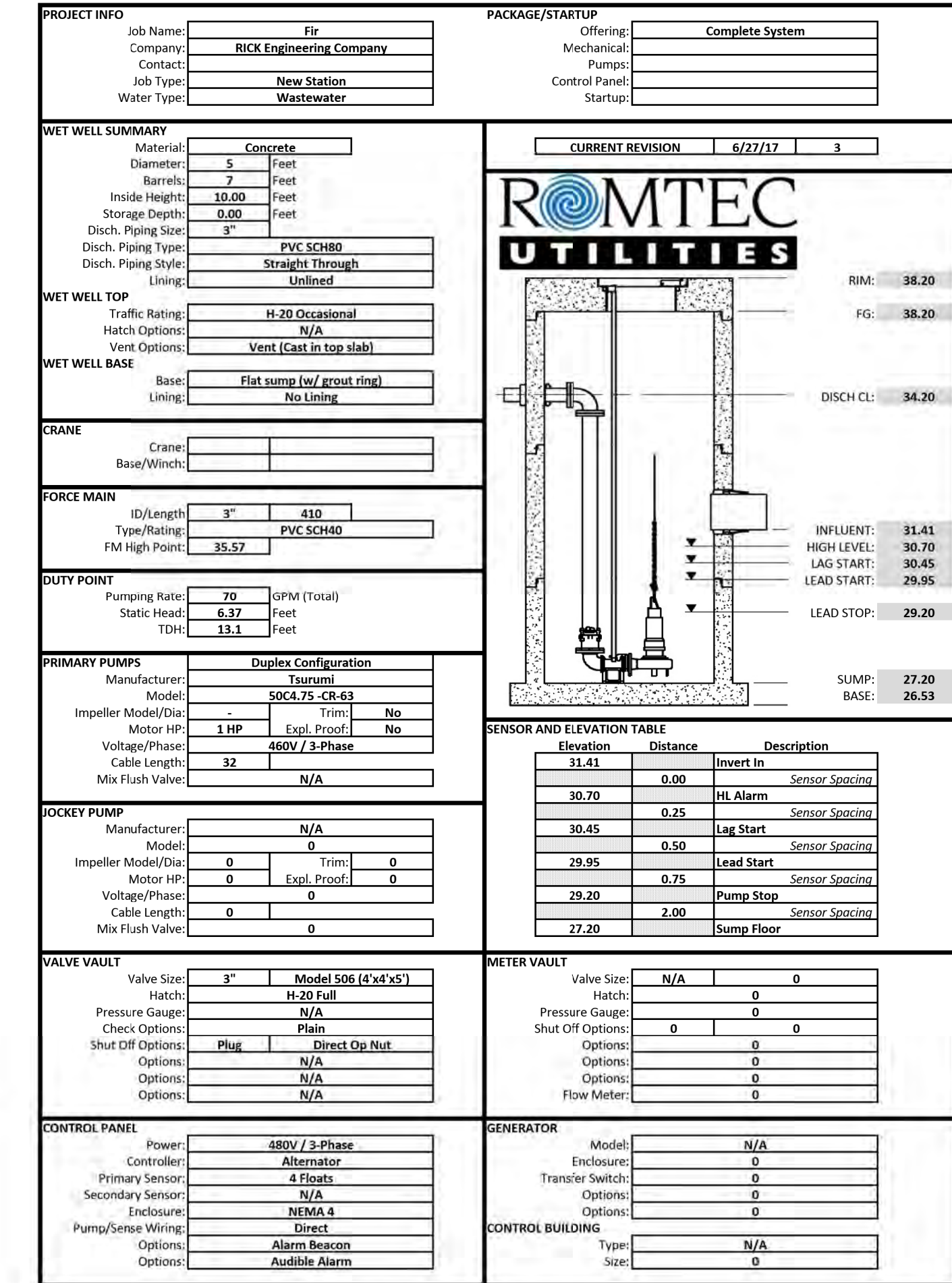
SCALE: NONE

SHEET NUMBER: **C-08B**

SHEET TITLE: **LIFT STATION DETAILS**



Montrose - PRELIMINARY DESIGN - 6-15-17.dwg

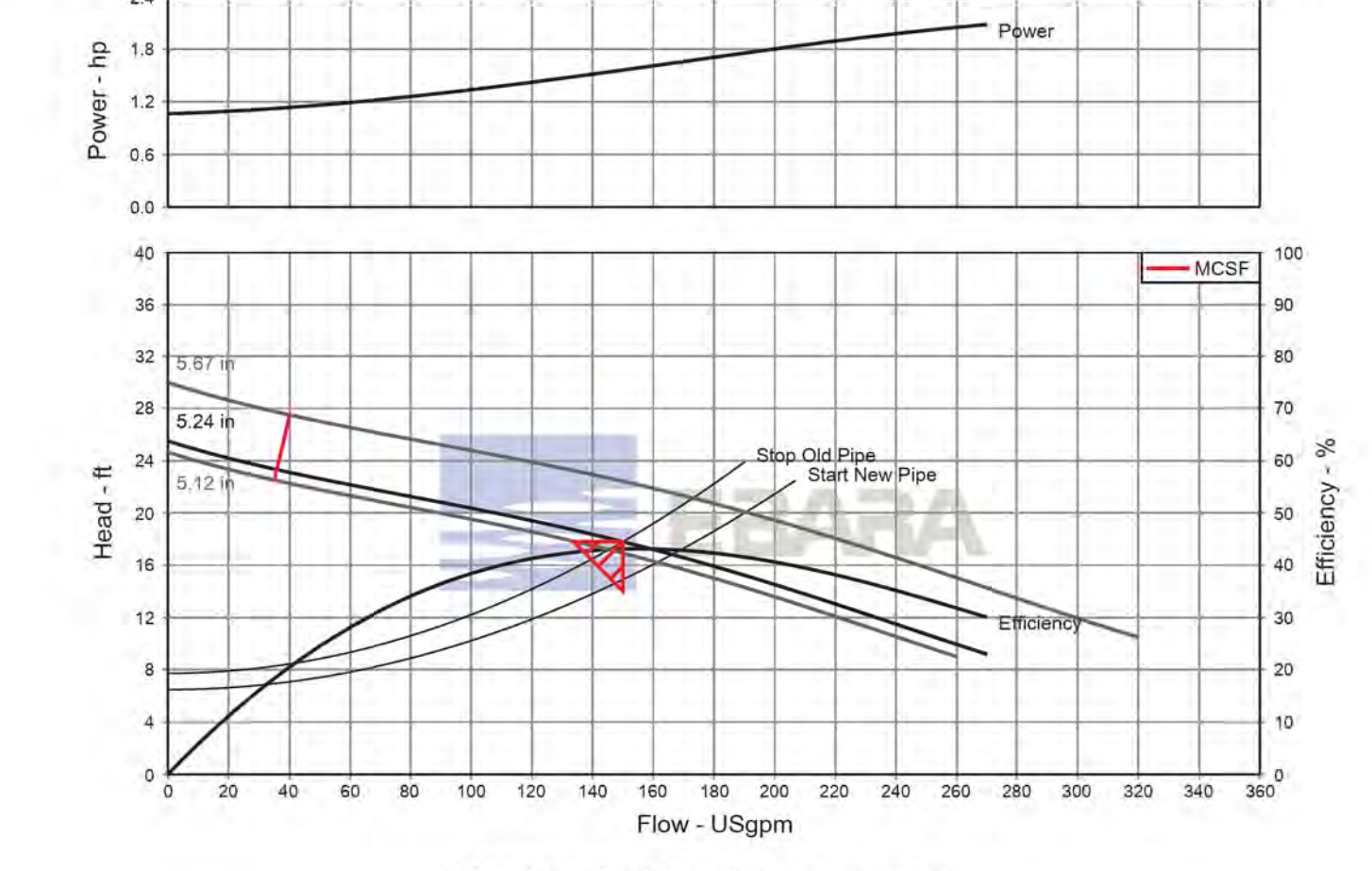


Fir - PRELIMINARY DESIGN - 6-27-17.dwg

Customer Reference: Romtec Utilities, Montrose

Pump Performance Datasheet
Ebara QStation System 17.1.4.0

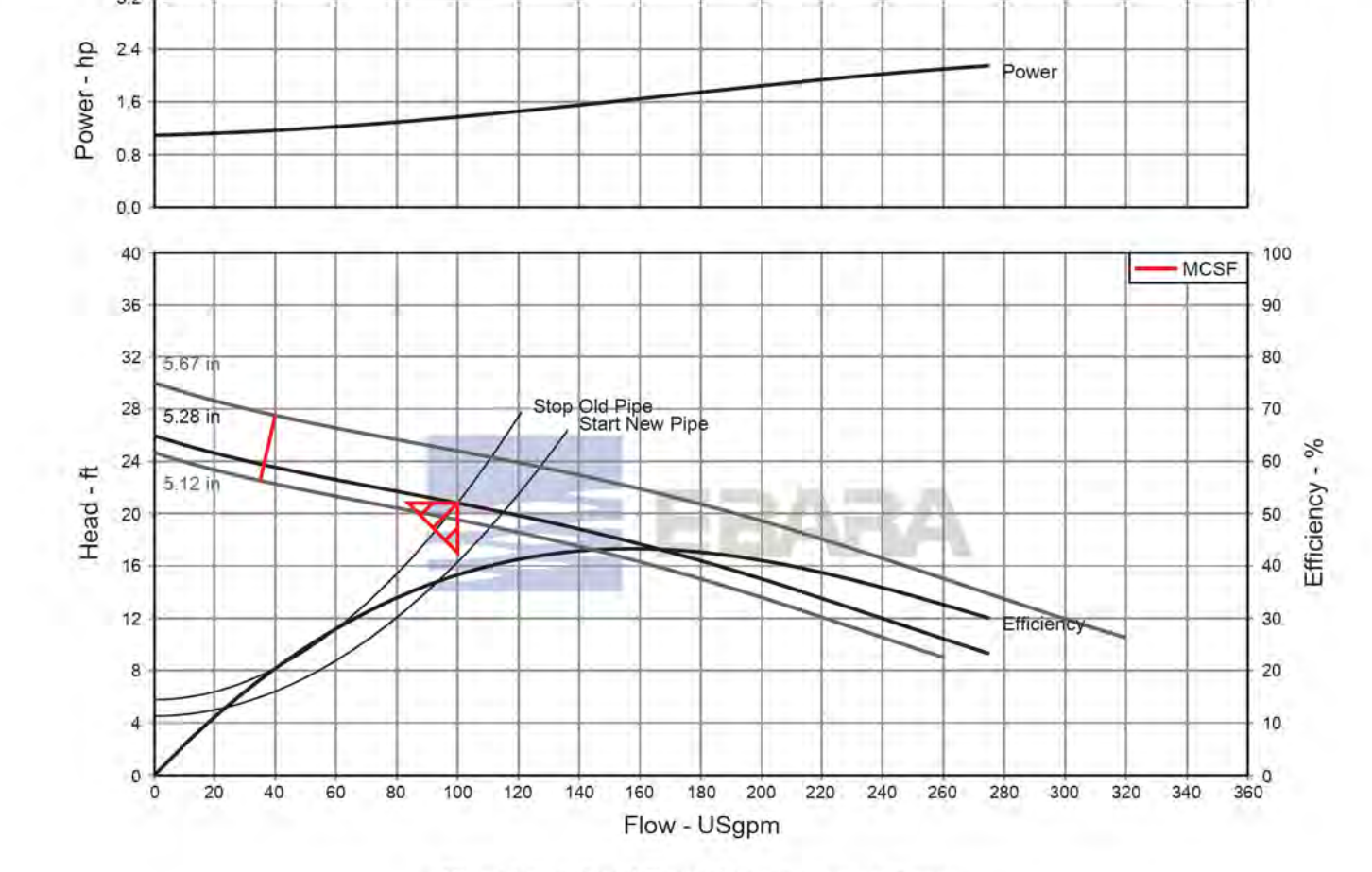
Item number	Default	Product Description	800VBFU62.2
Service	1	Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:54 PM
Operating Conditions			
Flow, rated	150.0 USGpm	Liquid type	Water
Differential head / pressure, rated (requested)	17.80 ft	Additional liquid description	
Differential head / pressure, rated (actual)	18.25 ft	Solids diameter, max	0.00 in
Suction pressure, rated / max	0.00 / 0.00 psi g	Solids concentration, by volume	0.00 %
NPSH available, rated	Ample	Temperature, max	88.00 deg F
Frequency	60 Hz	Fluid density, rated / max	1.000 / 1.000 SG
Performance		Viscosity, rated	1.00 cP
Speed, rated	1740 rpm	Vapor pressure, rated	0.00 psi a
Impeller diameter, rated	5.24 in	Material	Cast Iron
Impeller diameter, maximum	5.67 in	Material selected	Cast Iron
Impeller diameter, minimum	5.12 in	Pressure Data	
Efficiency	45.10 %	Maximum working pressure	11.04 psi g
NPSH required / margin required	< 0.00 ft	Maximum allowable working pressure	N/A
Na (imp. eye flow) / Nss (imp. eye flow)	2.377 / - US Units	Maximum allowable suction pressure	N/A
MCSF	35.84 USGpm	Hydrostatic test pressure	N/A
Head, maximum, rated diameter	25.51 ft	Driver & Power Data (GMax density)	
Head rise to shutoff	43.29 ft	Driver sizing specification	Rated power
Flow, best eff. point	155.1 USGpm	Margin over specification	0.00 %
Flow ratio, rated / BEP	96.71 %	Service factor	1.00
Diameter ratio (rated / max)	92.36 %	Power, hydraulic	0.67 hp
Head ratio (rated dia / max dia)	79.38 %	Power, rated	1.56 hp
Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010)	1.00 / 1.00 / 1.00 / 1.00	Power, maximum, rated diameter	2.09 hp
Selection status	Acceptable	Minimum recommended motor rating	3.00 hp / 2.24 kW (Fixed)



Customer Reference: Romtec Utilities, Fir

Pump Performance Datasheet
Ebara QStation System 17.1.4.0

Item number	Default	Product Description	800VBFU62.2
Service	1	Stages	1
Quantity	1	Based on curve number	DV-C607-9204
Quote number		Date last saved	18 Apr 2017 2:07 PM
Operating Conditions			
Flow, rated	100.0 USGpm	Liquid type	Water
Differential head / pressure, rated (requested)	20.80 ft	Additional liquid description	
Differential head / pressure, rated (actual)	20.37 ft	Solids diameter, max	0.00 in
Suction pressure, rated / max	0.00 / 0.00 psi g	Solids concentration, by volume	0.00 %
NPSH available, rated	Ample	Temperature, max	88.00 deg F
Frequency	60 Hz	Fluid density, rated / max	1.000 / 1.000 SG
Performance		Viscosity, rated	1.00 cP
Speed, rated	1740 rpm	Vapor pressure, rated	0.00 psi a
Impeller diameter, rated	5.28 in	Material	Cast Iron
Impeller diameter, maximum	5.67 in	Material selected	Cast Iron
Impeller diameter, minimum	5.12 in	Pressure Data	
Efficiency	38.30 %	Maximum working pressure	11.23 psi g
NPSH required / margin required	< 0.00 ft	Maximum allowable working pressure	N/A
Na (imp. eye flow) / Nss (imp. eye flow)	2.377 / - US Units	Maximum allowable suction pressure	N/A
MCSF	36.26 USGpm	Hydrostatic test pressure	N/A
Head, maximum, rated diameter	25.95 ft	Driver & Power Data (GMax density)	
Head rise to shutoff	24.74 ft	Driver sizing specification	Rated power
Flow, best eff. point	157.5 USGpm	Margin over specification	0.00 %
Flow ratio, rated / BEP	63.58 %	Service factor	1.00
Diameter ratio (rated / max)	93.06 %	Power, hydraulic	0.53 hp
Head ratio (rated dia / max dia)	83.91 %	Power, rated	1.37 hp
Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010)	1.00 / 1.00 / 1.00 / 1.00	Power, maximum, rated diameter	2.15 hp
Selection status	Acceptable	Minimum recommended motor rating	3.00 hp / 2.24 kW (Fixed)



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-09**

SHEET TITLE:

STORM DRAIN PLAN



1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

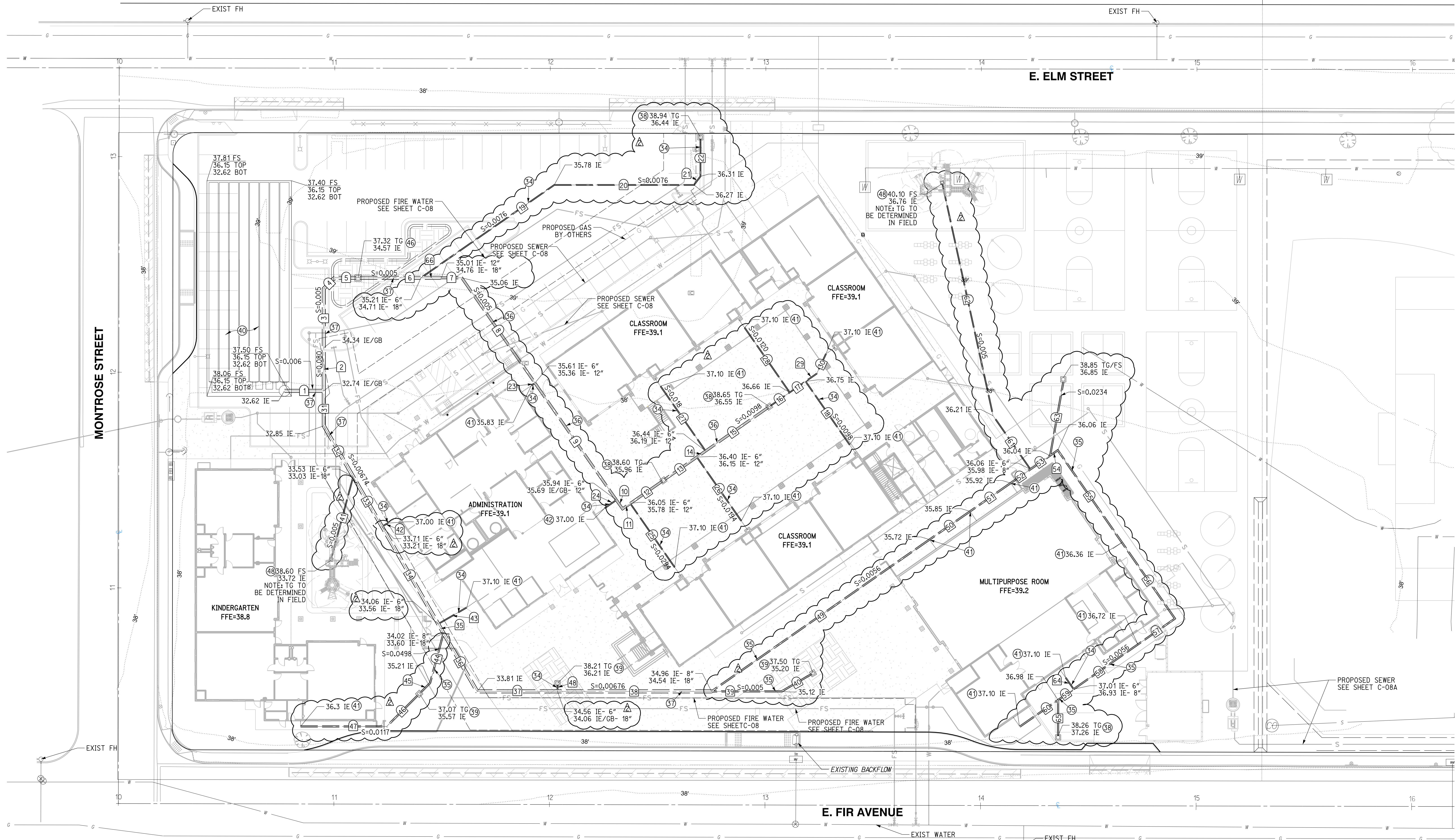


3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	59	INSTALL 18"x18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	46	INSTALL 24"x24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"x18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"x12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

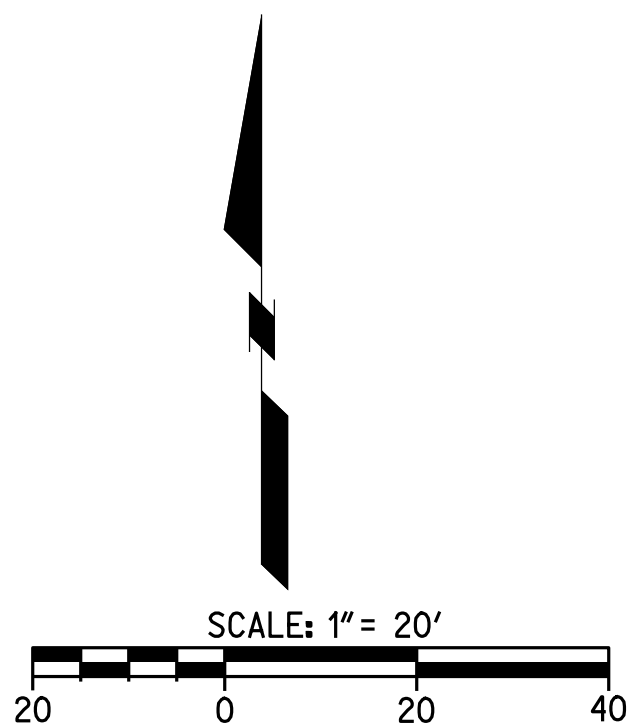


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	18" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



Know what's below.
 Call before you dig.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



CHANGE ORDER REQUEST

COR No. 35 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3 Storm Water Retention System

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to increase size of Contech Storm Water Detention System.	J Vega Engineering Inc	170,429
Reason: Original Storm Water Detention System was not of sufficient size.		
Requested By: SVA Architects		
Ref: Bulletin 3		
		Subtotal: 170,429
Contractual Costs		
Overhead 15%		25,564
		Subtotal: 25,564
Total Change Order Request Amount:		195,993

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved - Jennifer McLean
CFO Proj Mgr*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic # A-885900

Date: 5-29-2018
 INVOICE : Chambermaxx

JOB: CHAMBERMAXX DETENTION SYSTEM

Bernards Bros
 Company Name
 555 First Street, San Fernando,
 CA 91340
 818-898-1521

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
100						ELM ELEMENTARY SCHOOL OXNARD

ITEM	DESCRIPTION	LABORER COST	MATERIAL COST	EQUIPMENT & TOOLS	TOTAL
1	Install Chambermax Detention System w/ Diversion manhole and inspection port	Laborer: 480 hrs. @ \$62.47 T: \$29,985.60 Operator: 240 hrs. @ \$83.57 T: \$20,056.80 Total: \$50,042.40	Chambermax System and pipe T: \$34,127.40 Rock 2" minus washed +_ 500 Tons. T: \$25,698.18 Road Base +_ 500 Tons. T: \$8,304.18 Geo grid: \$1,497.25 Total: \$69,627.00	-CAT backhoe: 20 days @ \$350.00/day T: \$7,000.00 -Bobcat skidster: 19 days @ \$345.00/day T: \$6,555.00 -Compactor: 5 day @ \$340.00 T: \$1,700.00 -4 Ton Roller: 5 days @ \$385.00/day T: \$1,925.00 -330 CAT Excavator \$2,450.00 Truck & Tools: \$445.00/20 days: \$8,900.00 Total: \$28,530.00	\$148,199.40

ITEM	DESCRIPTION	LABORER COST	MATERIAL COST	EQUIPMENT & TOOLS	TOTAL
				Subtotal	\$148,199.40
				15% Mark up	\$22,229.91
				Invoice Total:	\$170,429.31

Make all checks payable to J. VEGA ENGINEERING, INC.

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Laborer (Group 3)
Date:	6/23/2017	Classification:	Journeyman
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

3 MacArthur Place, Suite 850
Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- C-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

[Handwritten signature of Robert Stockton]

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company



GENERAL NOTES

- 1. ALL GRADING SHALL CONFORM TO THE CITY OF OXNARD GRADING ORDINANCE AND THE LATEST EDITIONS OF THE CITY OF OXNARD DEPARTMENT OF PUBLIC WORKS STANDARDS, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), AND THE CITY OF OXNARD STANDARD LAND DEVELOPMENT SPECIFICATIONS.

GENERAL NOTES CONT.

- 30.FINE GRADING TO BE NO LESS THAN THE FOLLOWING: LONGITUDINAL SLOPE CROSS-SLOPE PERVIOUS SURFACES 1.0% TO 2.0% ASPHALT SURFACES 0.50% TO 1.0% CONCRETE SURFACES .25% TO 0.5%

WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF OXNARD STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN BOOK").

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

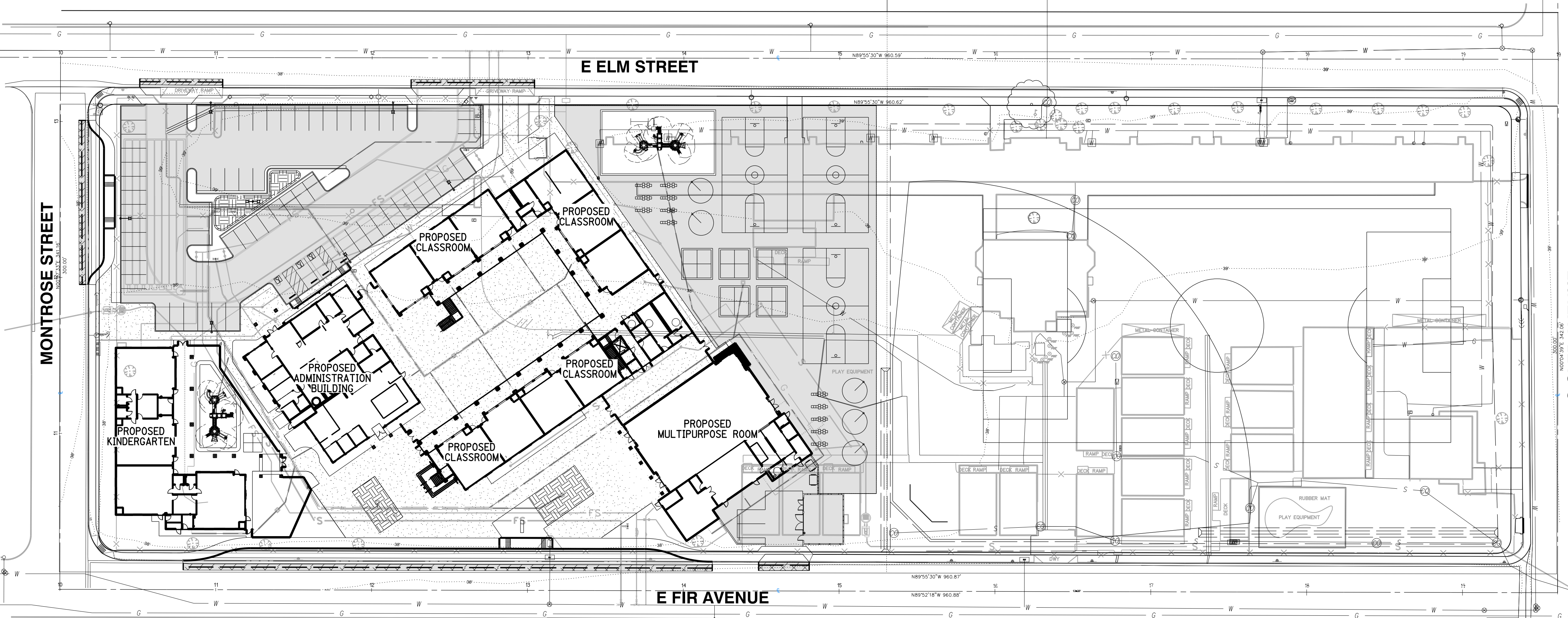
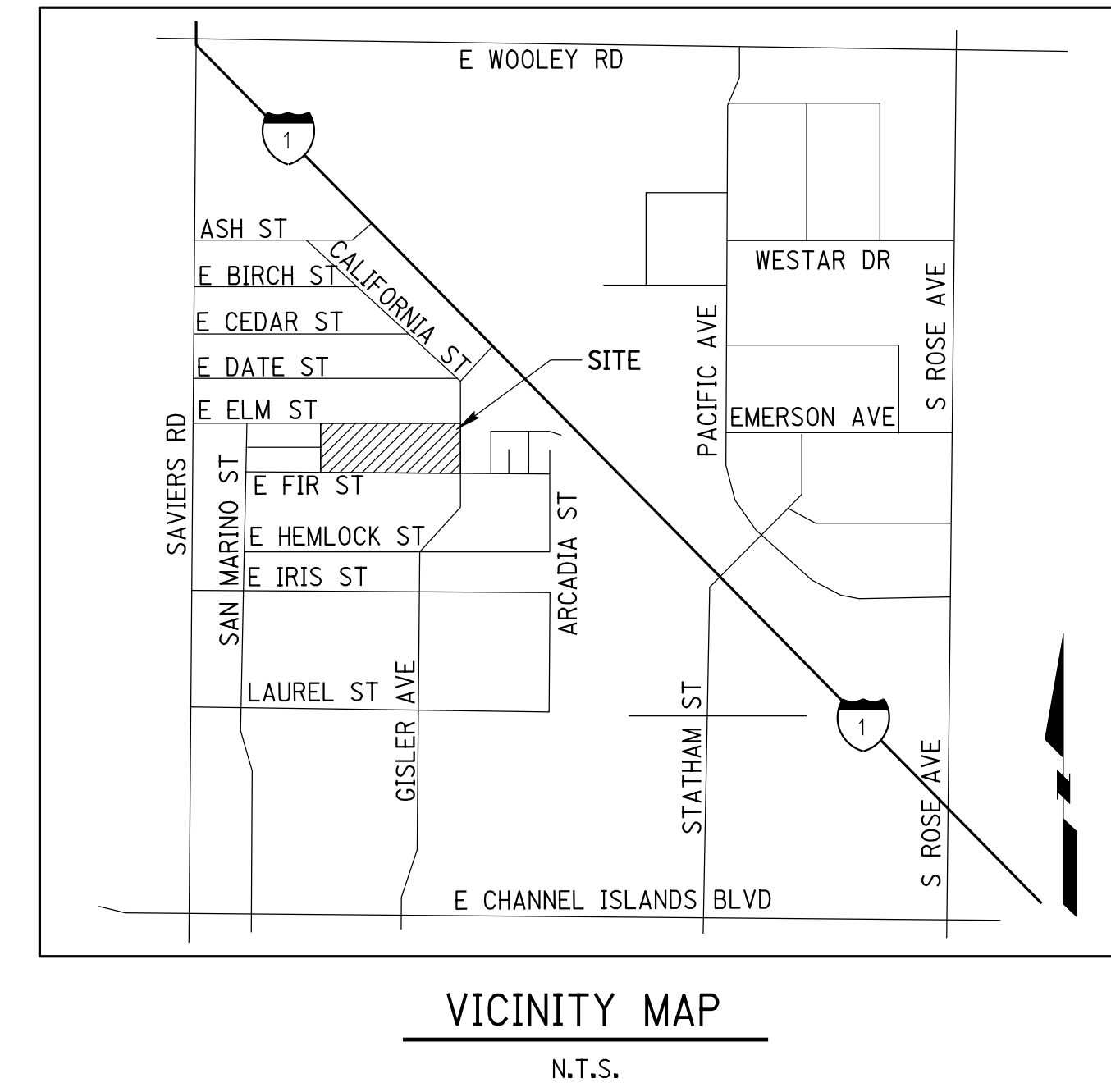
ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes terms like BOTTOM, DEEPEDED FOOTING, EDGE OF PAVEMENT ELEVATION, FINISHED GRADE ELEVATION, etc.



LEGEND table listing symbols for limits of removal, existing features like drains and vaults, and proposed features like retaining walls and sidewalks.

OWNER: OXNARD SCHOOL DISTRICT, 1051 SOUTH A STREET, OXNARD, CA 93036-1501

GEOTECH ENGINEER: EARTH SYSTEMS, SOUTHERN CALIFORNIA, 1731-A WALTER STREET, VENTURA, CA

ENGINEER: RICK ENGINEERING COMPANY, 1770 IOWA AVE., SUITE 100, RIVERSIDE, CA 92507

NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION.

ESTIMATED RAW GRADING QUANTITIES: 1. ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR FINAL PAY QUANTITIES.

ESTIMATED GRADING QUANTITIES SHOWN HEREON ARE GEOMETRIC VOLUMES AND DO NOT ACCOUNT FOR LOSS DUE TO SHRINKAGE OR COMPACTION.

GRADING TOLERANCE NOTE: GRADING SHALL BE DONE WITH A TOLERANCE OF 0.1 FOOT OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5 FOOT OF THE LOCATION SHOWN ON THESE PLANS.

GEOTECHNICAL ENGINEER'S CERTIFICATE: THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY SOUTHERN CALIFORNIA GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS REPORT FOR RECONSTRUCTION OF ELM STREET SCHOOL DATED MARCH, 2014.

BENCHMARK: ID NUMBER: SAV-5, FIELD BOOK: COUNTY OF VENTURA DEPARTMENT OF PUBLIC WORKS, LOCATION: CITY OF OXNARD

SOURCE OF TOPOGRAPHY AND BOUNDARY: BOUNDARY LINE PLOTTED AND TOPOGRAPHIC SURVEY CONDUCTED BY WAGNER ENGINEERING & SURVEY, INC. ON JANUARY 13, 2014.

BASIS OF BEARING: THE BEARING OF N89°55'30"W ON THE SOUTHERLY LINE OF ELM STREET, 60' WIDE, AS SHOWN ON MAP OF OXNARD DEVELOPMENT SUBDIVISION, UNIT NO. 3, RECORDED IN BOOK 13, PAGES 87 AND 88, OF MISCELLANEOUS MAPS, RECORDS OF VENTURA COUNTY, WAS USED AS THE BASIS OF BEARING FOR THIS MAP.

CIVIL SHEET INDEX table listing sheet numbers (C-01 to C-13) and their corresponding titles (TITLE SHEET, DETAIL SHEET, DEMOLITION PLAN, etc.).



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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AC FLS SS
DATE

REVISIONS table with columns for Description, Date, and Revision number. Shows Bulletin 3 dated 5-12-2017.

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: 1"=40'
SHEET NUMBER: C-01
SHEET TITLE:

TITLE SHEET

RICK ENGINEERING COMPANY logo and address: 1770 IOWA AVENUE, SUITE 100, RIVERSIDE, CA 92507

SVA ARCHITECTS logo and address: 3 MACARTHUR PLACE, SUITE 850, SANTA ANA, CA 92707

811 logo with text: Know what's below. Call before you dig.

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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A# 03-116407

AC _____ FLS _____ SS _____

DATE _____

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-02

SHEET TITLE: DETAIL SHEET

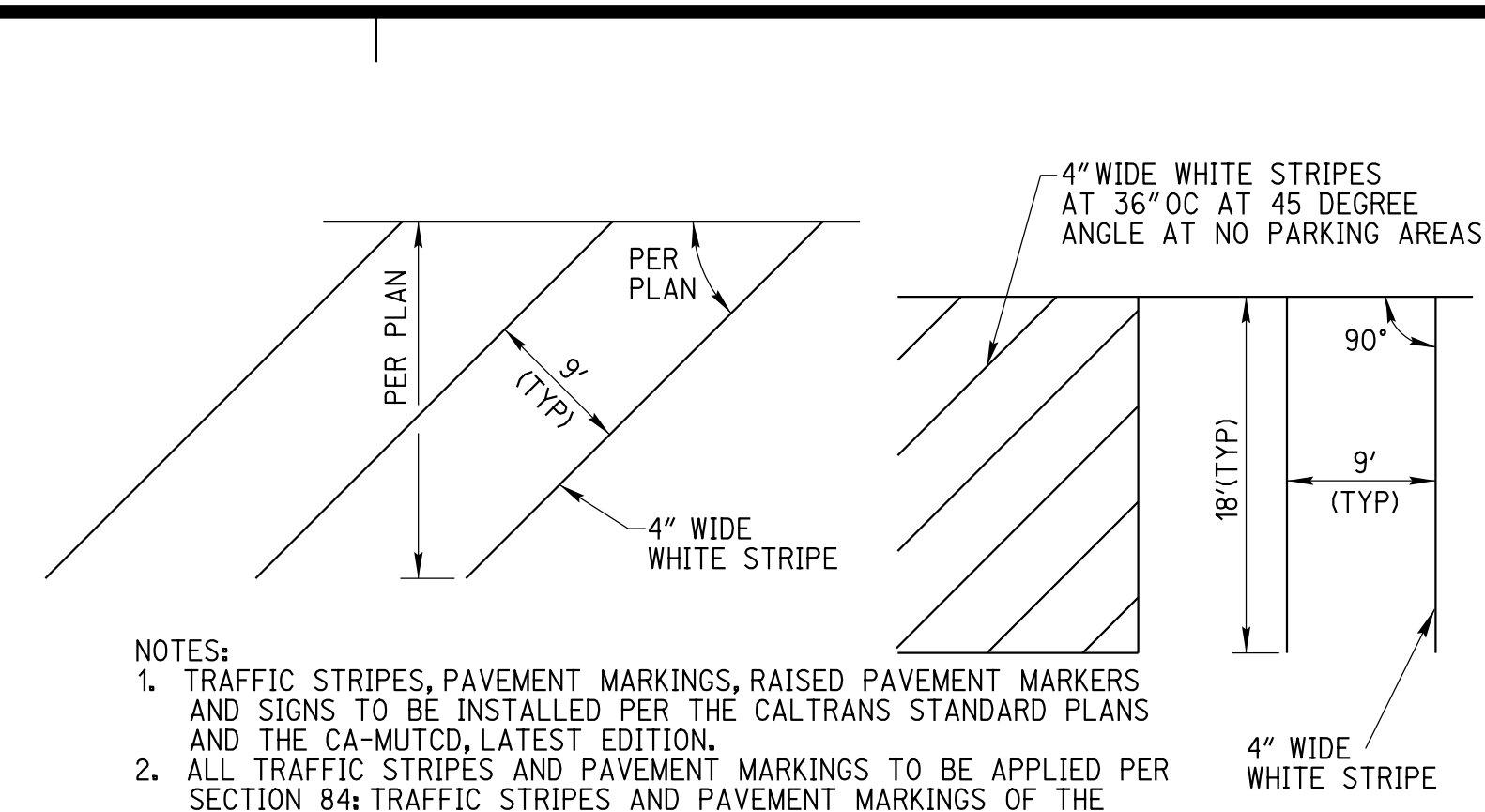
DETAIL SHEET



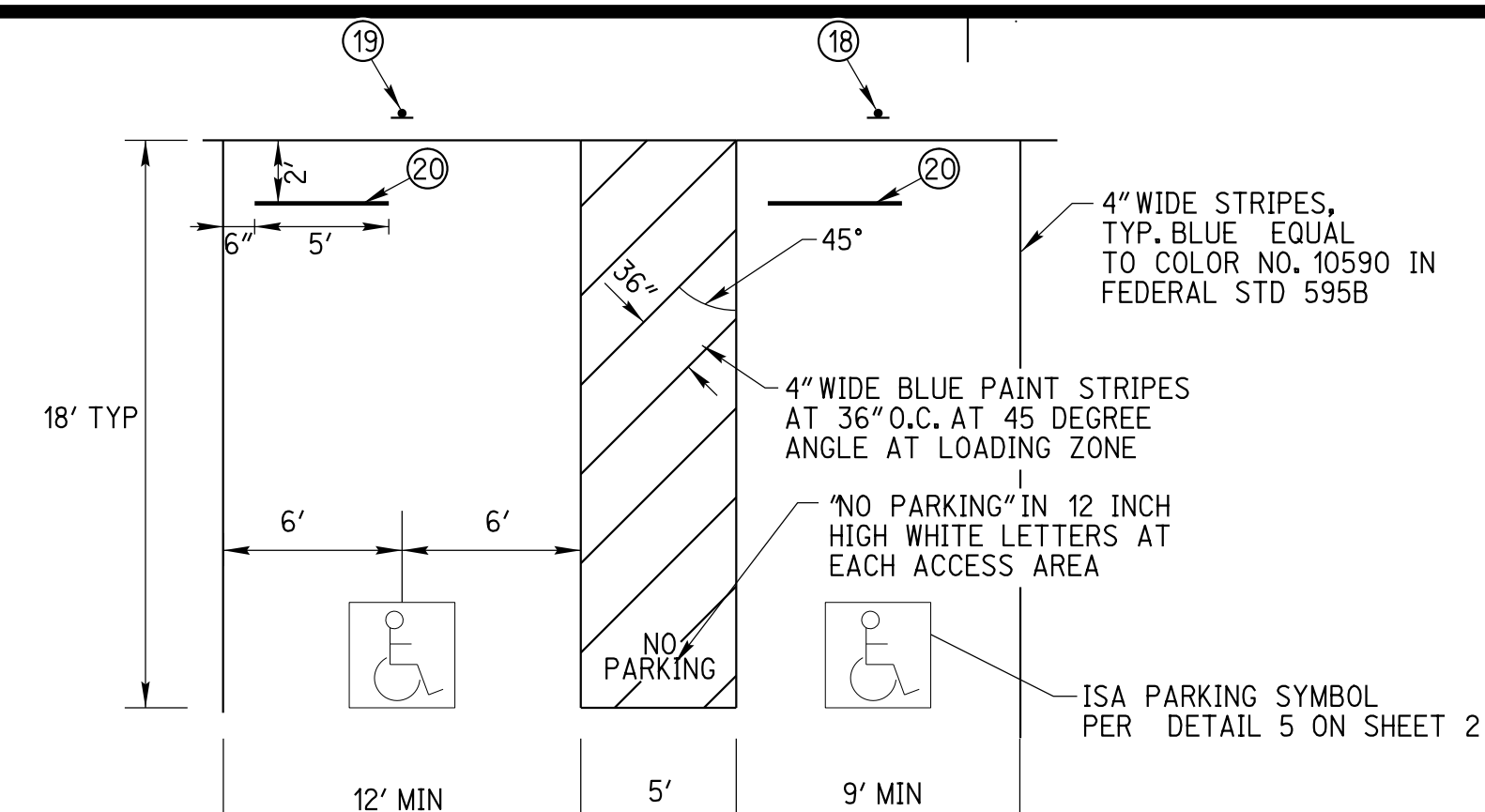
1770 IOWA AVENUE
SUITE 100
RIVERSIDE, CA 92507
951.782.0707
951.782.0707
(FAX) 951.782.0723
San Diego - Orange - San Luis Obispo
Sacramento - Bakersfield - Tucson - Phoenix
rickeng@rickeng.com



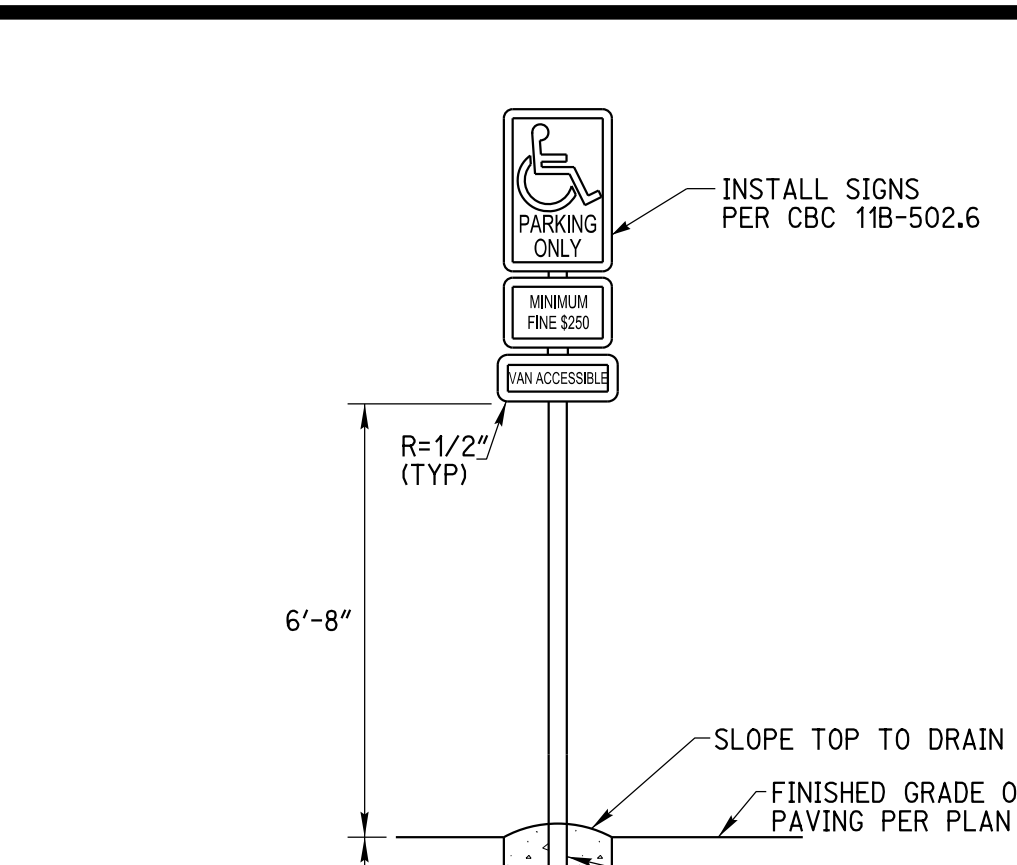
3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM



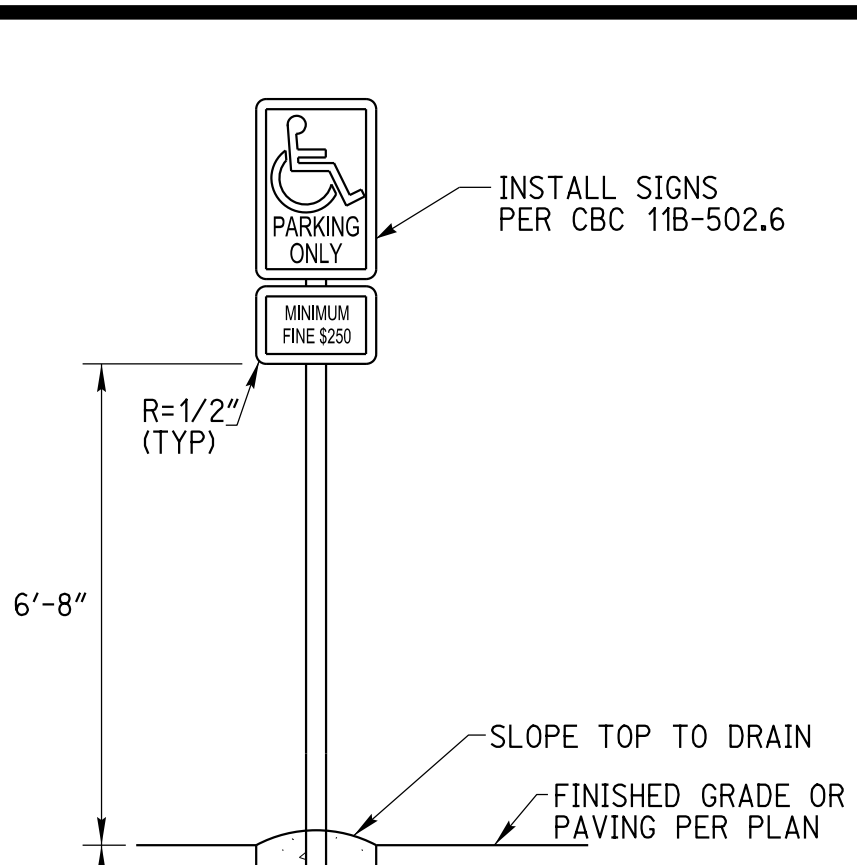
4 TYPICAL PARKING STRIPING DETAIL 17
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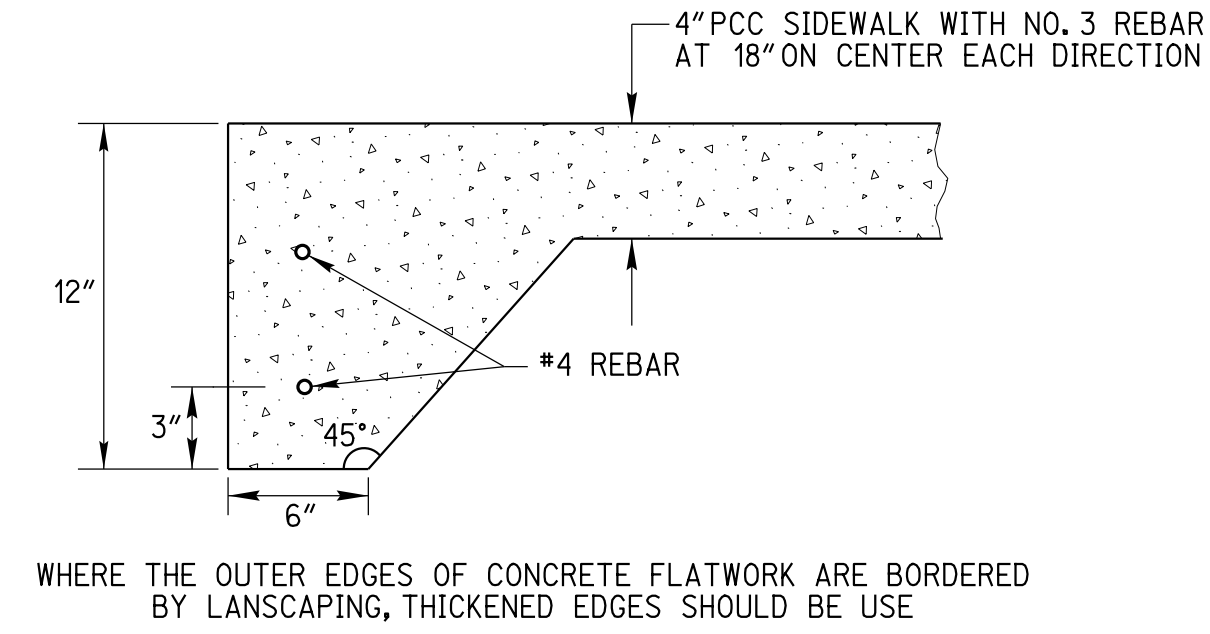
3 ACCESSIBLE PARKING STRIPING DETAIL 15
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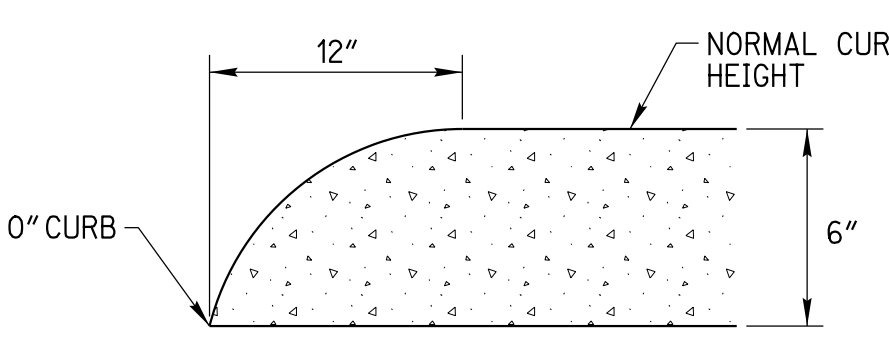
2 VAN ACCESSIBLE PARKING SIGNAGE DETAIL 18
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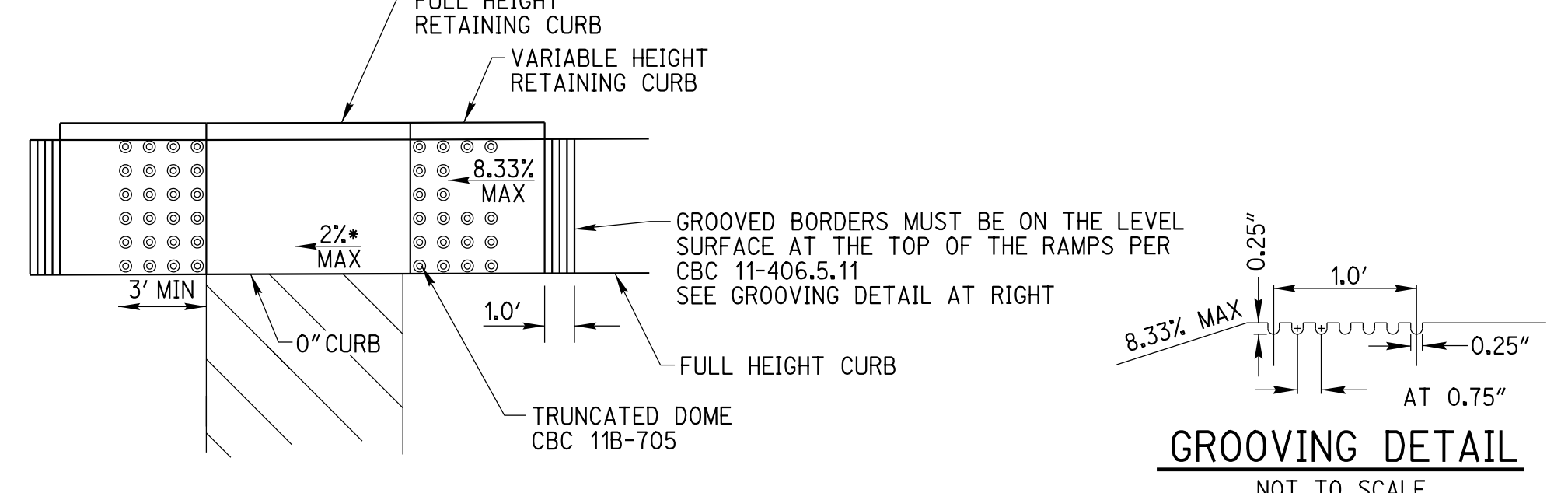
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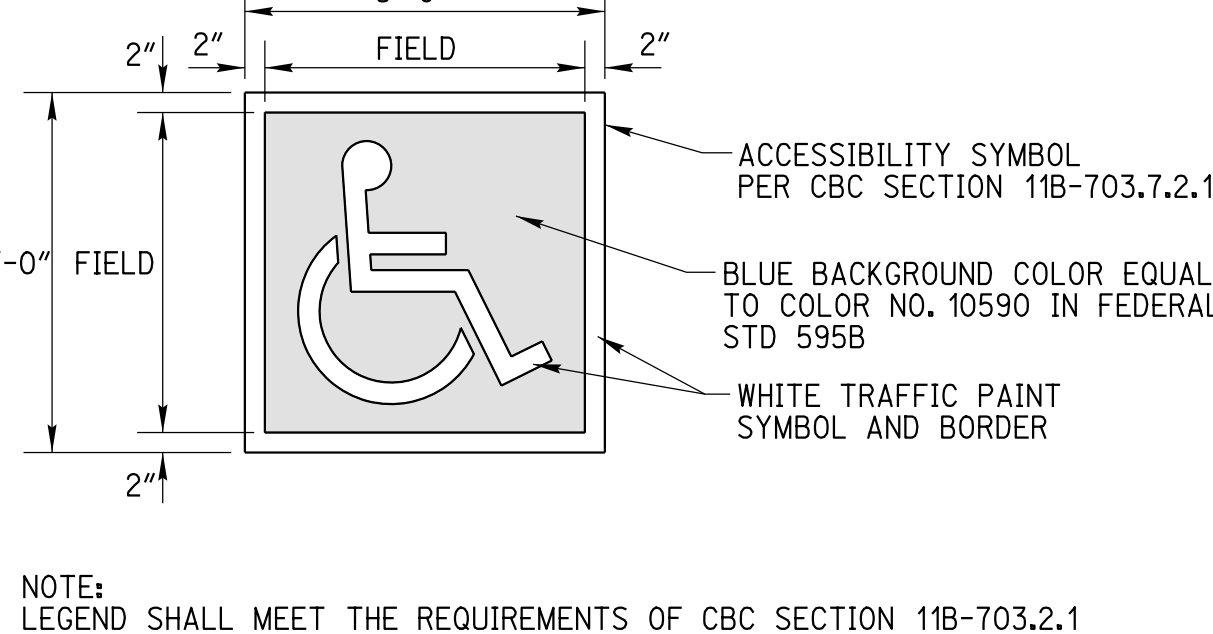
8 THICKENED EDGE DETAIL 4
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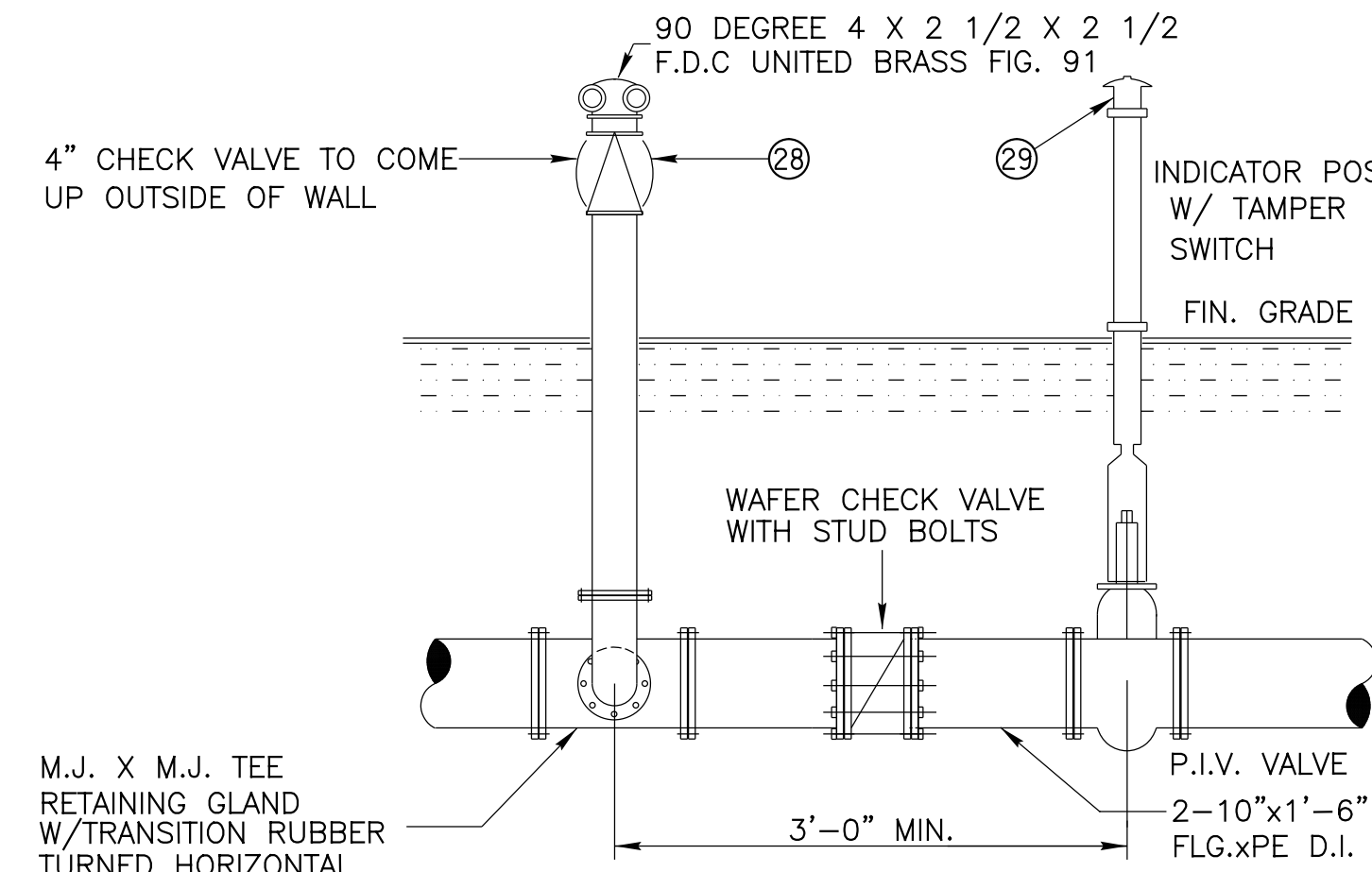
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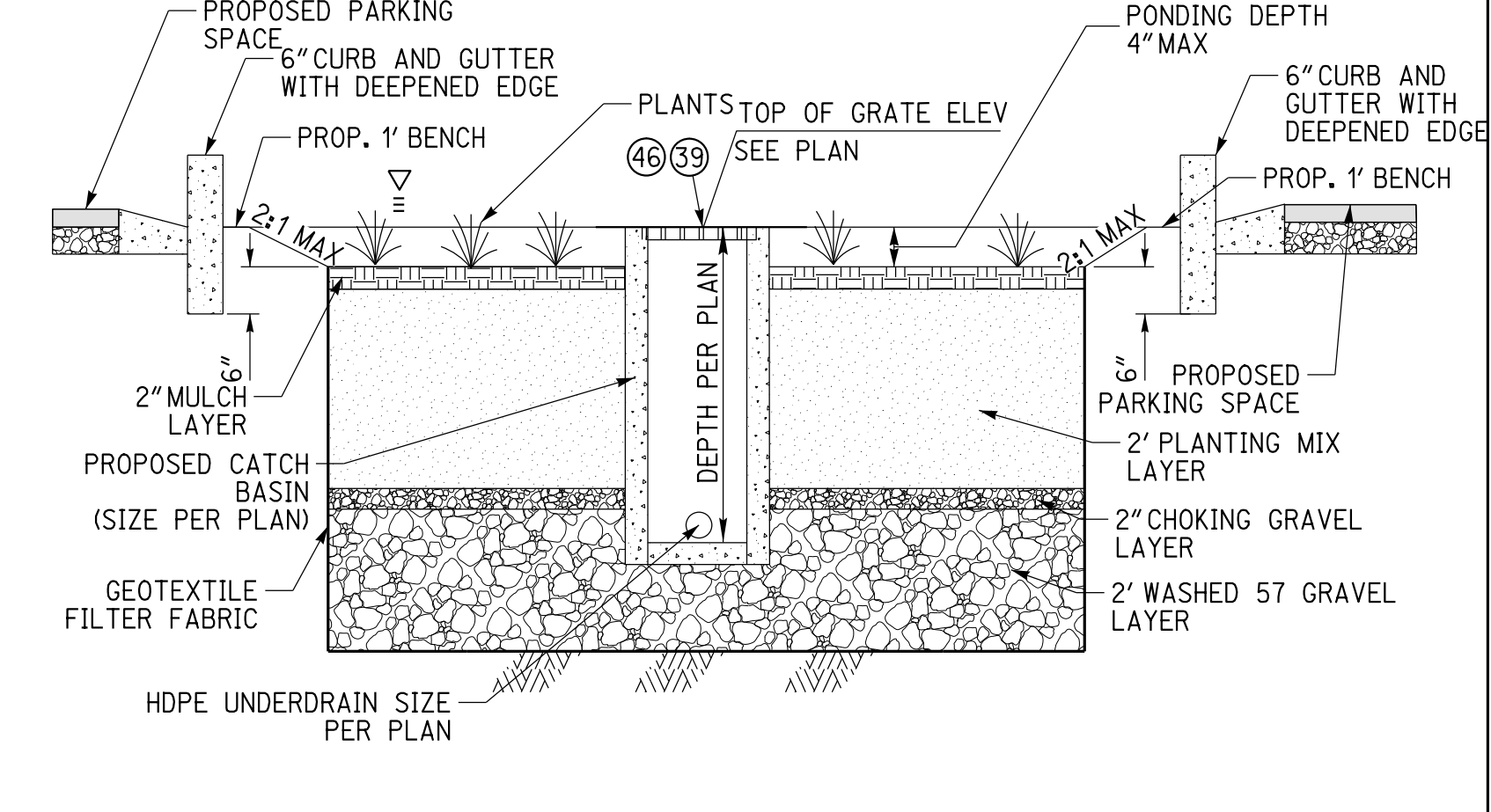
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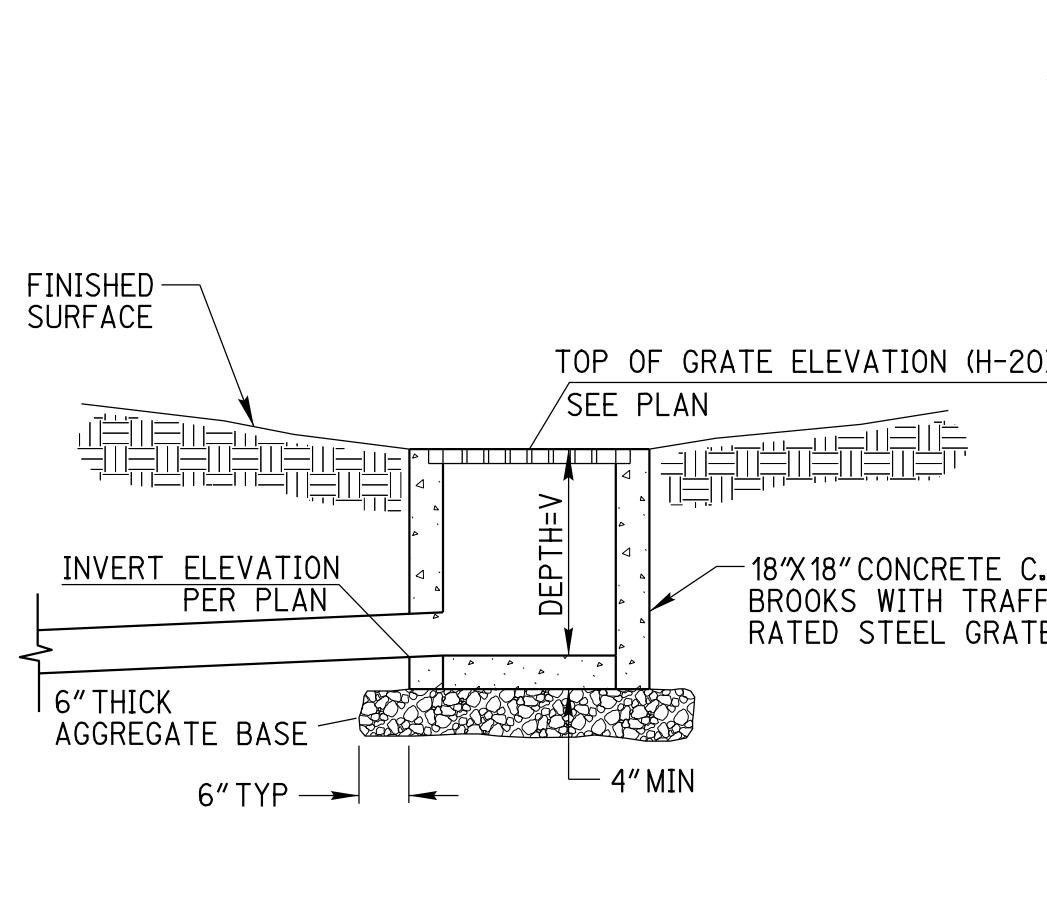
5 ISA PARKING SYMBOL DETAIL
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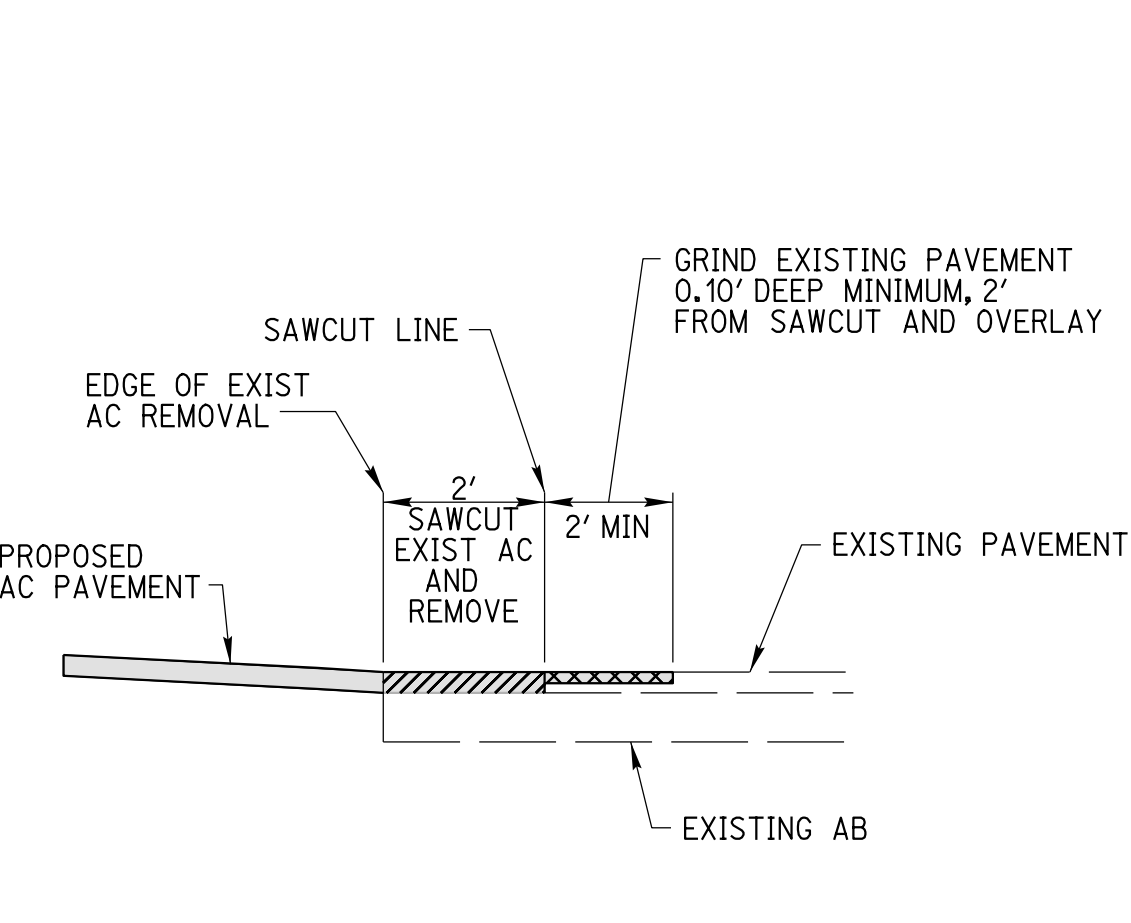
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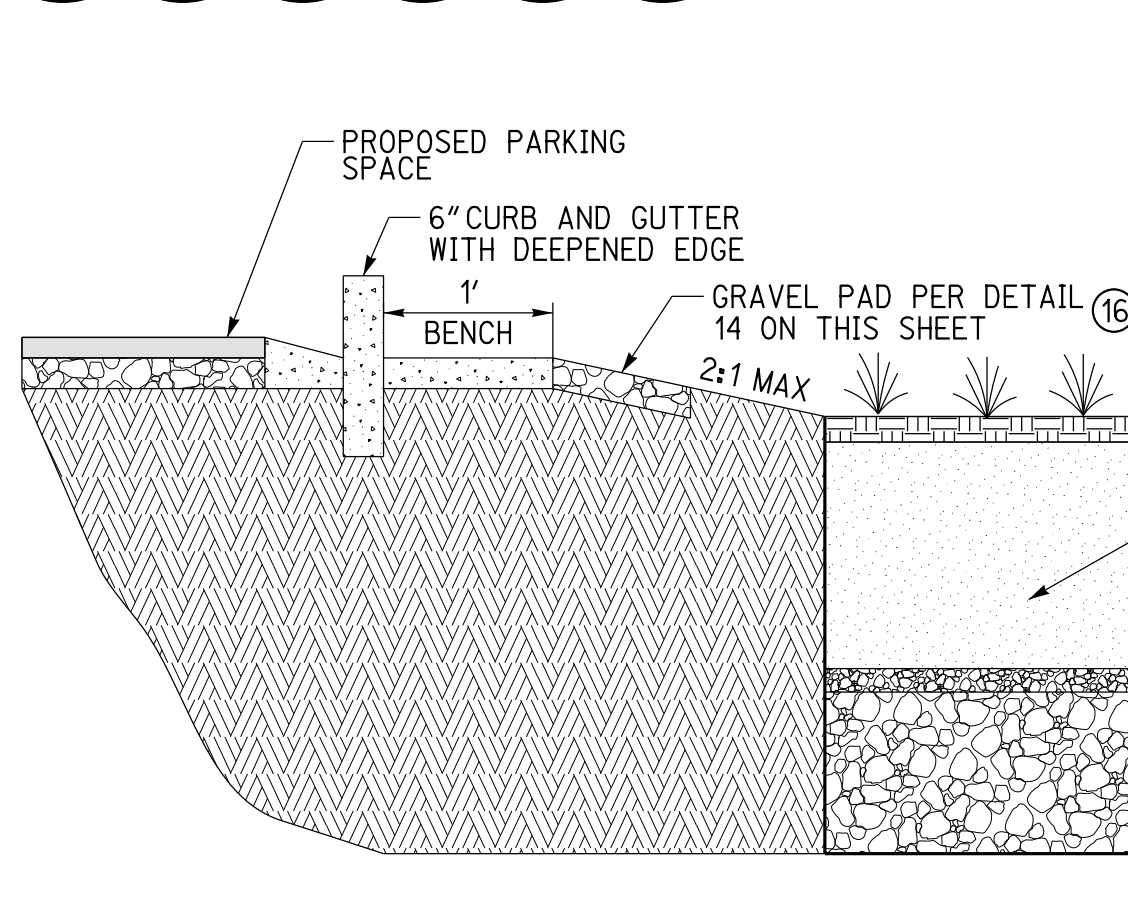
11 BIOINFILTRATION BASIN DETAIL 44
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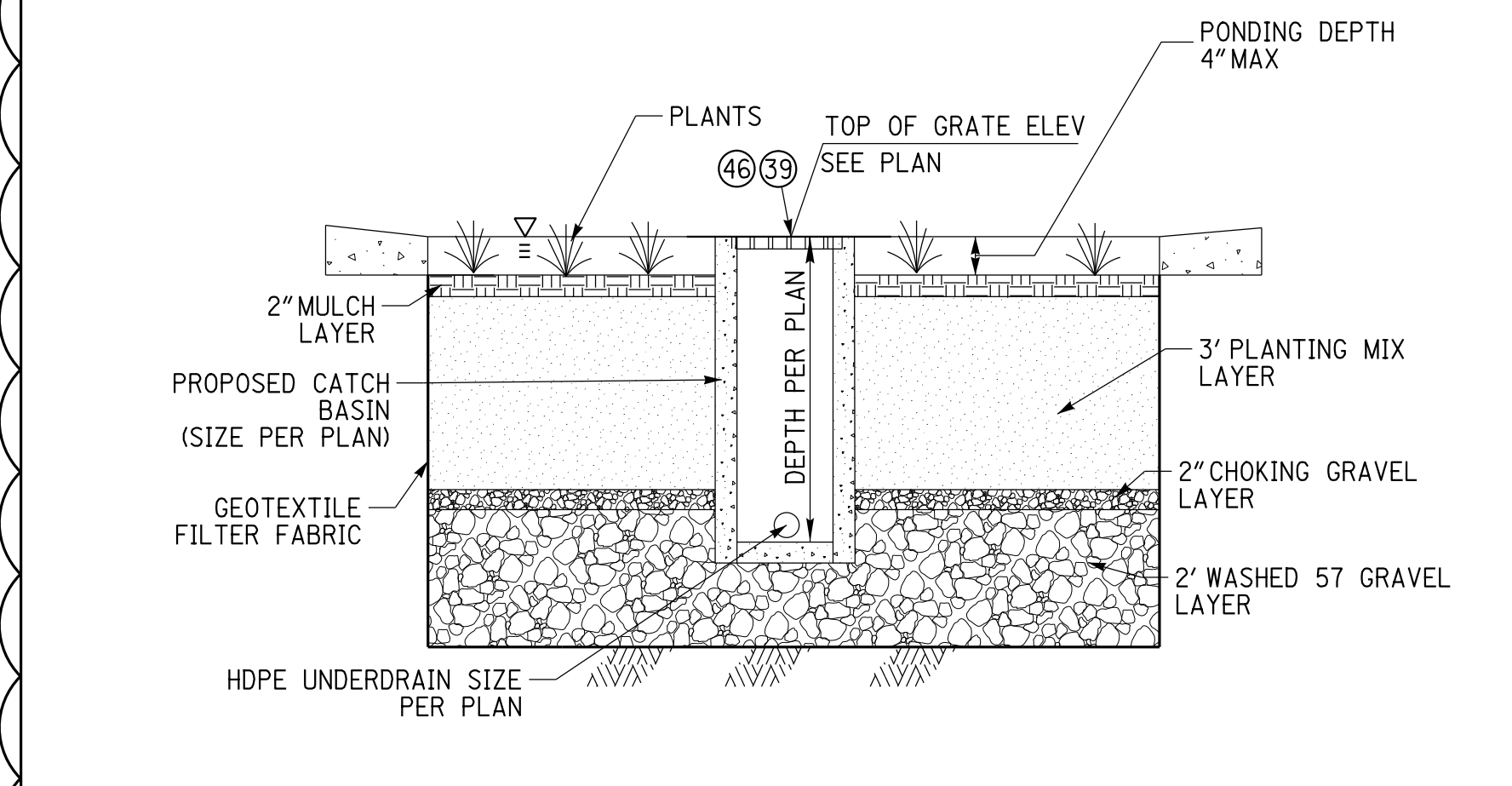
10 CATCH BASIN DROP INLET DETAIL 38
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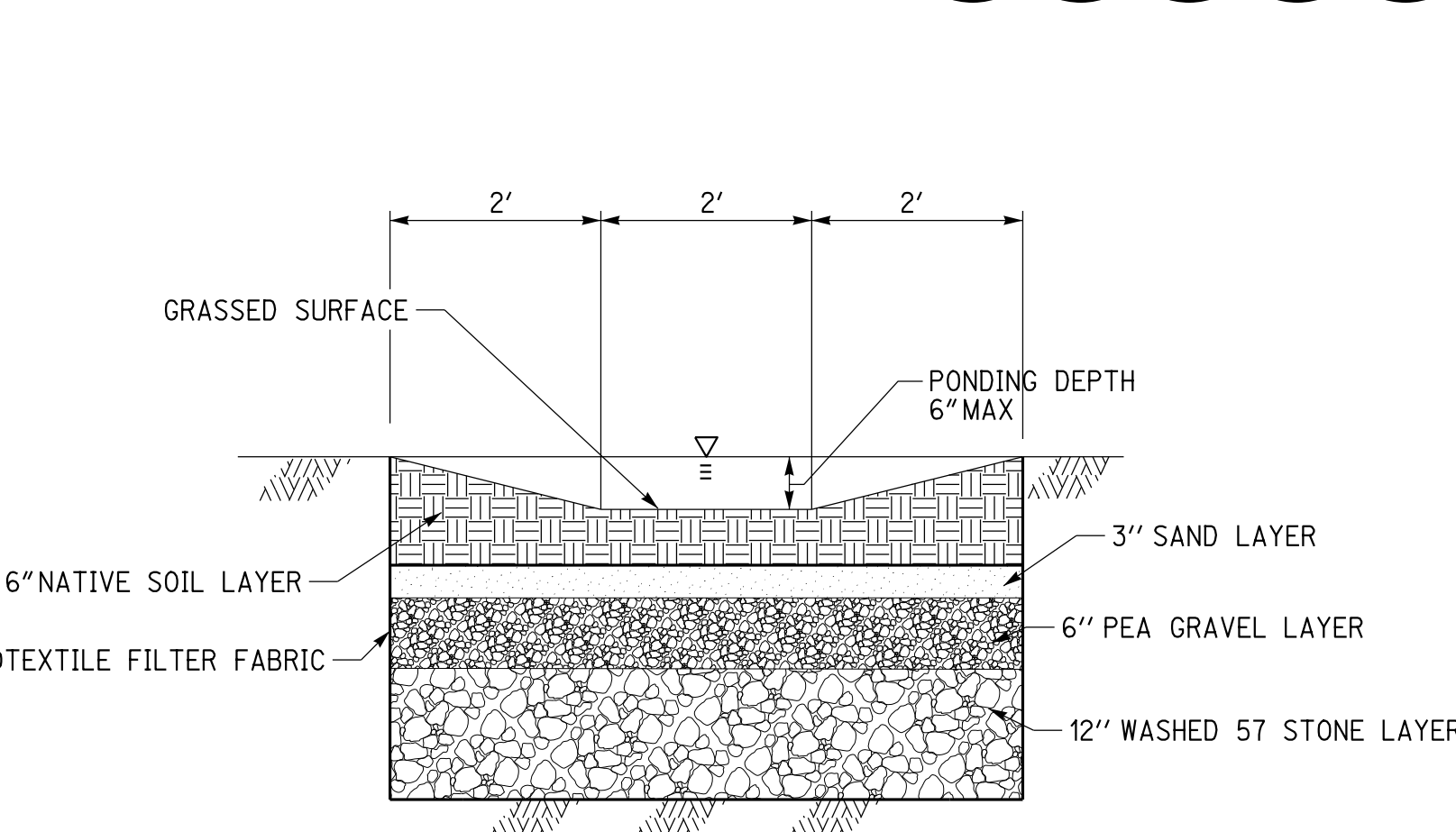
9 GRIND AND OVERLAY DETAIL 12
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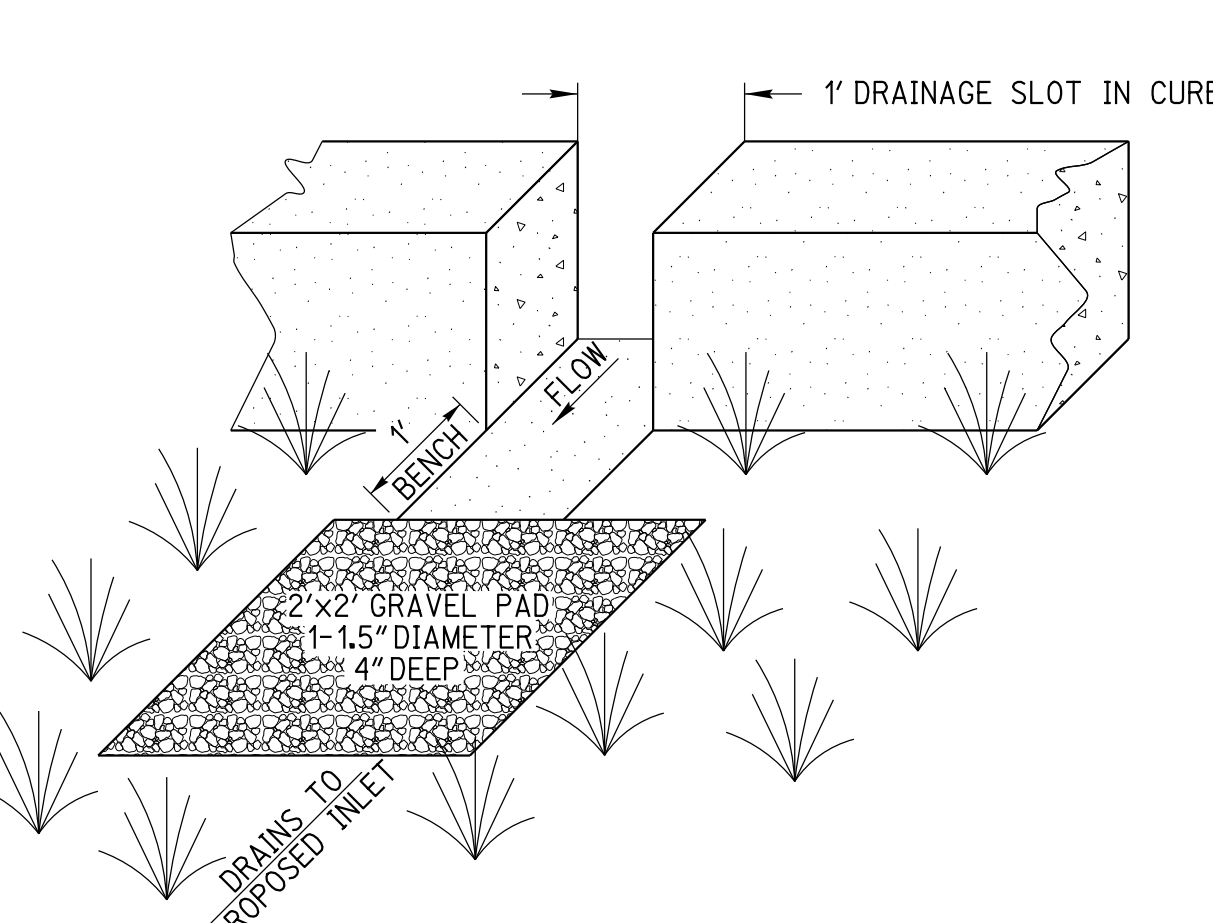
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16 BIOINFILTRATION BASIN DETAIL 61
2 NOT TO SCALE



15 VEGETATED SWALE DETAIL 42
2 NOT TO SCALE



14 CURB CUT WITH GRAVEL PAD 16
2 NOT TO SCALE

A SECTION A
2 NOT TO SCALE



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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AC: FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-04

SHEET TITLE:

DETAIL SHEET



CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 309 SHEET 1 OF 1

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 304 SHEET 1 OF 1

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
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 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 301 SHEET 1 OF 1

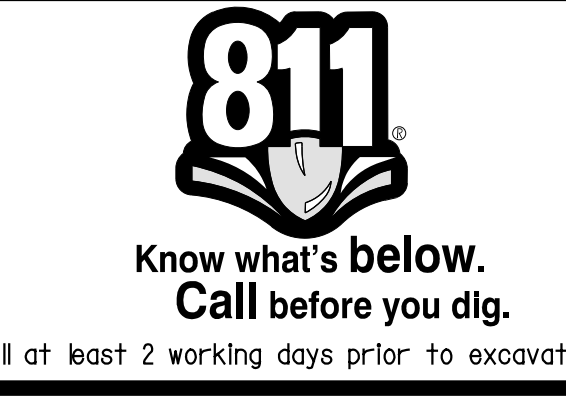
CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 300 SHEET 1 OF 1

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 320 SHEET 1 OF 2

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 317 SHEET 1 OF 1

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 311 SHEET 1 OF 2

CITY OF Oxnard
 DEPARTMENT OF PUBLIC WORKS
 DRAWN: STAFF CKD: STAFF
 APPROVED: [Signature]
 STANDARD PLAN 2002 PLATE 310 SHEET 1 OF 1



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

LEGEND

- EXISTING ELECTRICAL BOX
- EXISTING ELECTRIC VAULT
- EXISTING WATER METER
- EXISTING LIGHT POLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER VALVE
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING CHAIN LINK FENCE
- CONTOUR (EXISTING)

- PROJECT BOUNDARY
- EXISTING CENTERLINE
- EXISTING CURB AND GUTTER
- EXISTING TREE
- EXISTING EDGE OF PAVEMENT
- EXISTING GAS MAIN
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FH

DEMOLITION NOTES

ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

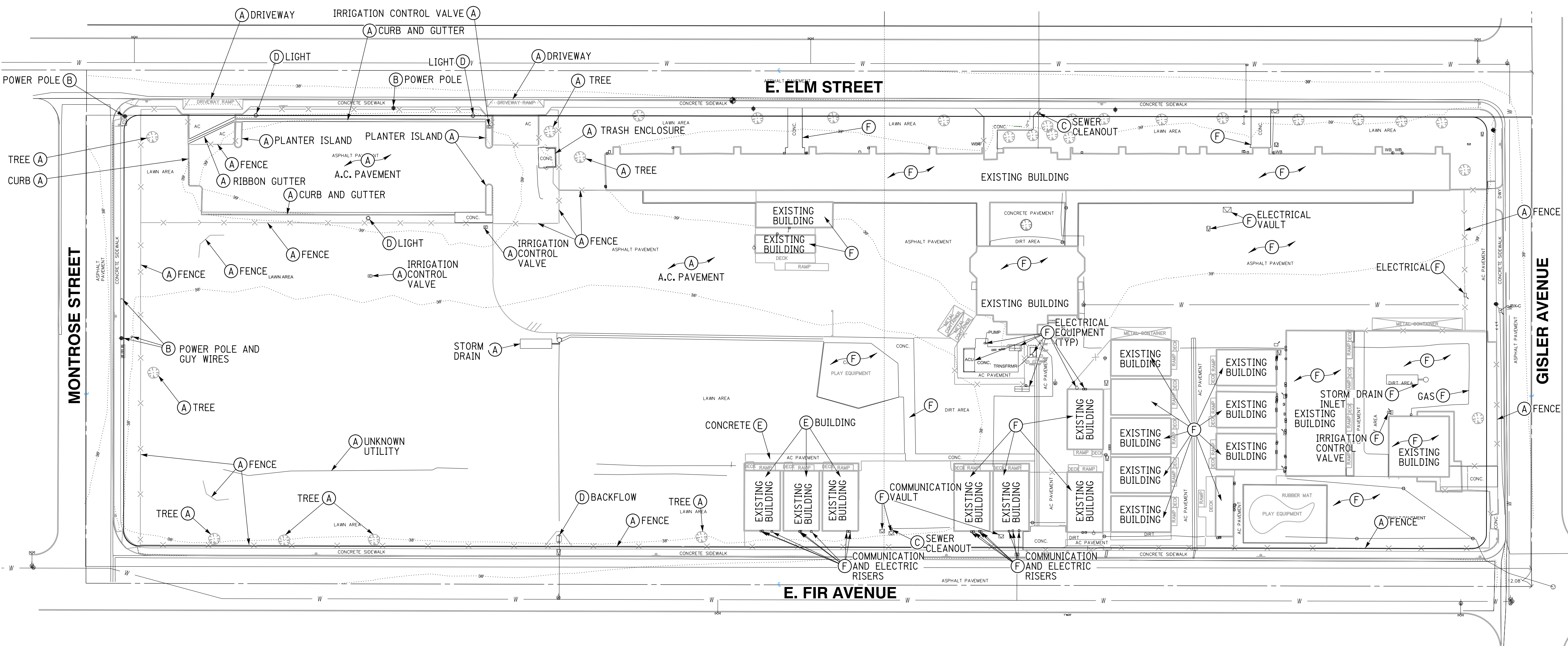
ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

CONSTRUCTION NOTES

- (A) EXISTING TO BE REMOVED
- (B) EXISTING TO BE PROTECTED IN PLACE
- (C) EXISTING TO BE ADJUSTED TO GRADE
- (D) EXISTING TO BE SALVAGED AND RELOCATED
- (E) MODULAR BUILDINGS TO BE RELOCATED
- (F) EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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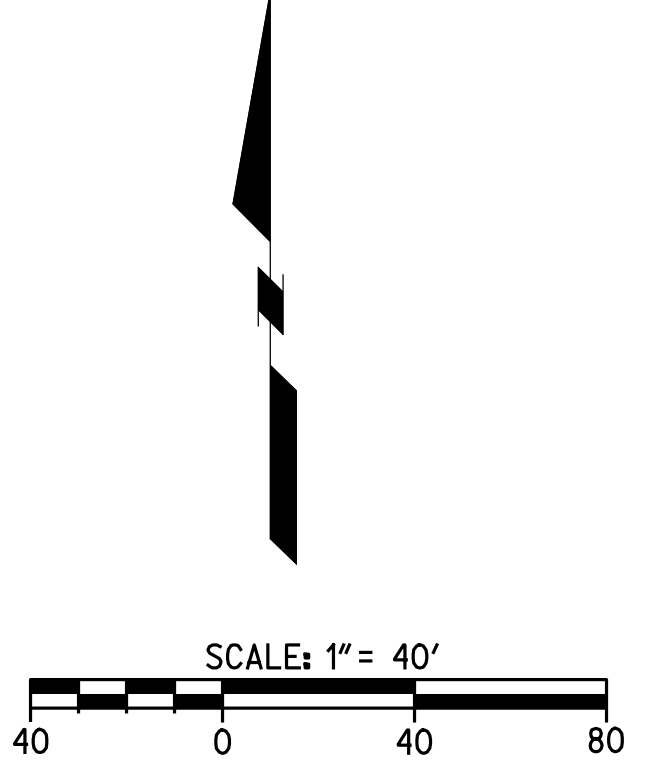
REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=40'
 SHEET NUMBER: **C-05**
 SHEET TITLE:

DEMOLITION PLAN

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com



811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



1770 IOWA AVENUE
 SUITE 100
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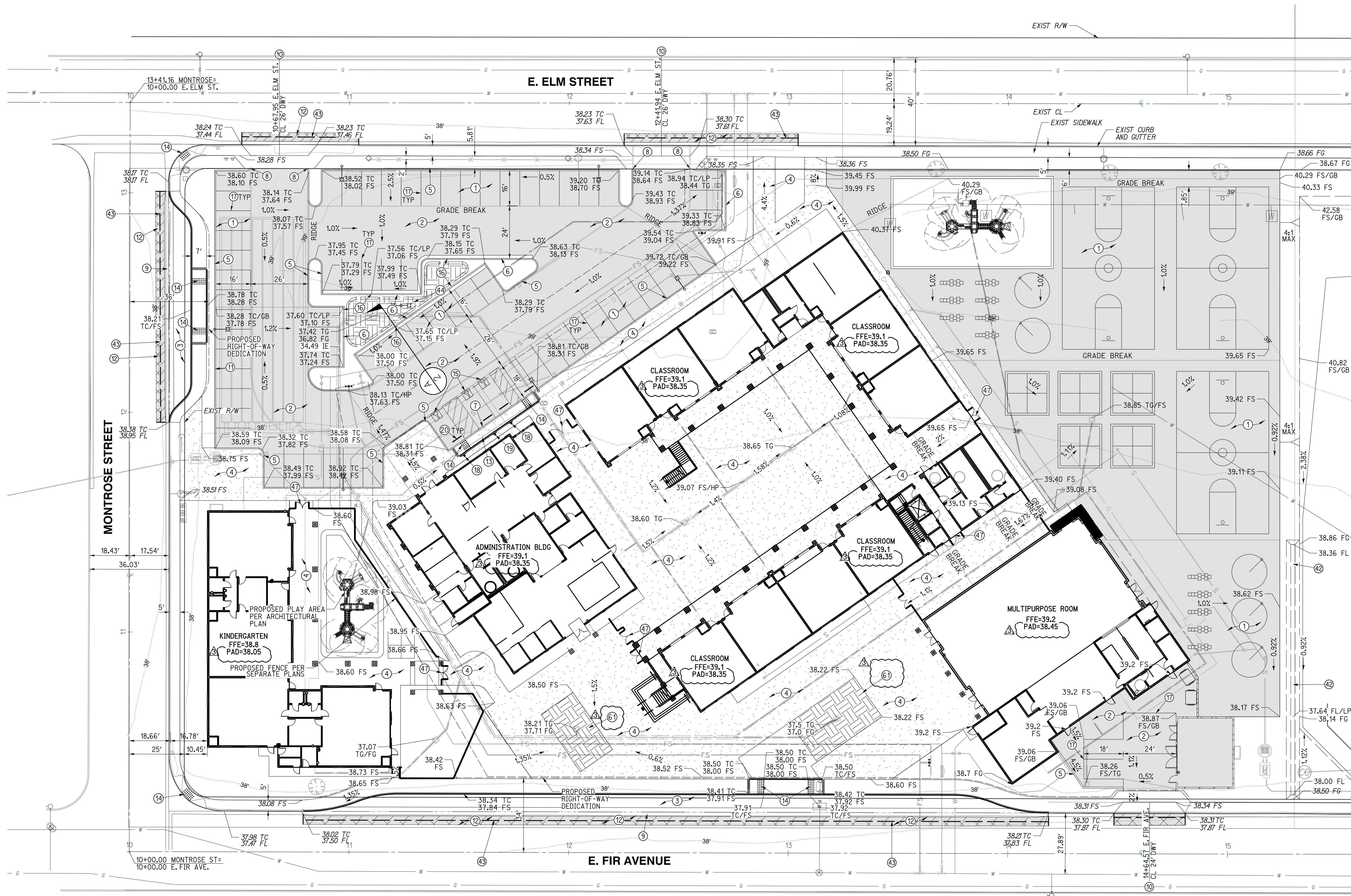
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rick@rickeng.com



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GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

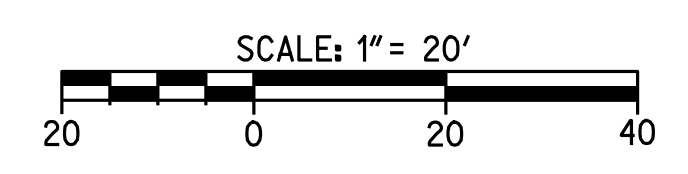
*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

1) PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	12) GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
2) PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	13) CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
3) PLACE 0.25' A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	14) INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
4) CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" OC ED UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	15) APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
5) CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	16) CONSTRUCT 1' CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
6) CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	17) APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
7) CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	18) INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
8) CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	19) INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
9) CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	400 LF	20) INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
10) CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	42) CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
11) CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	43) SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		44) CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		47) INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		6) CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08

SHEET TITLE:

UTILITY PLAN



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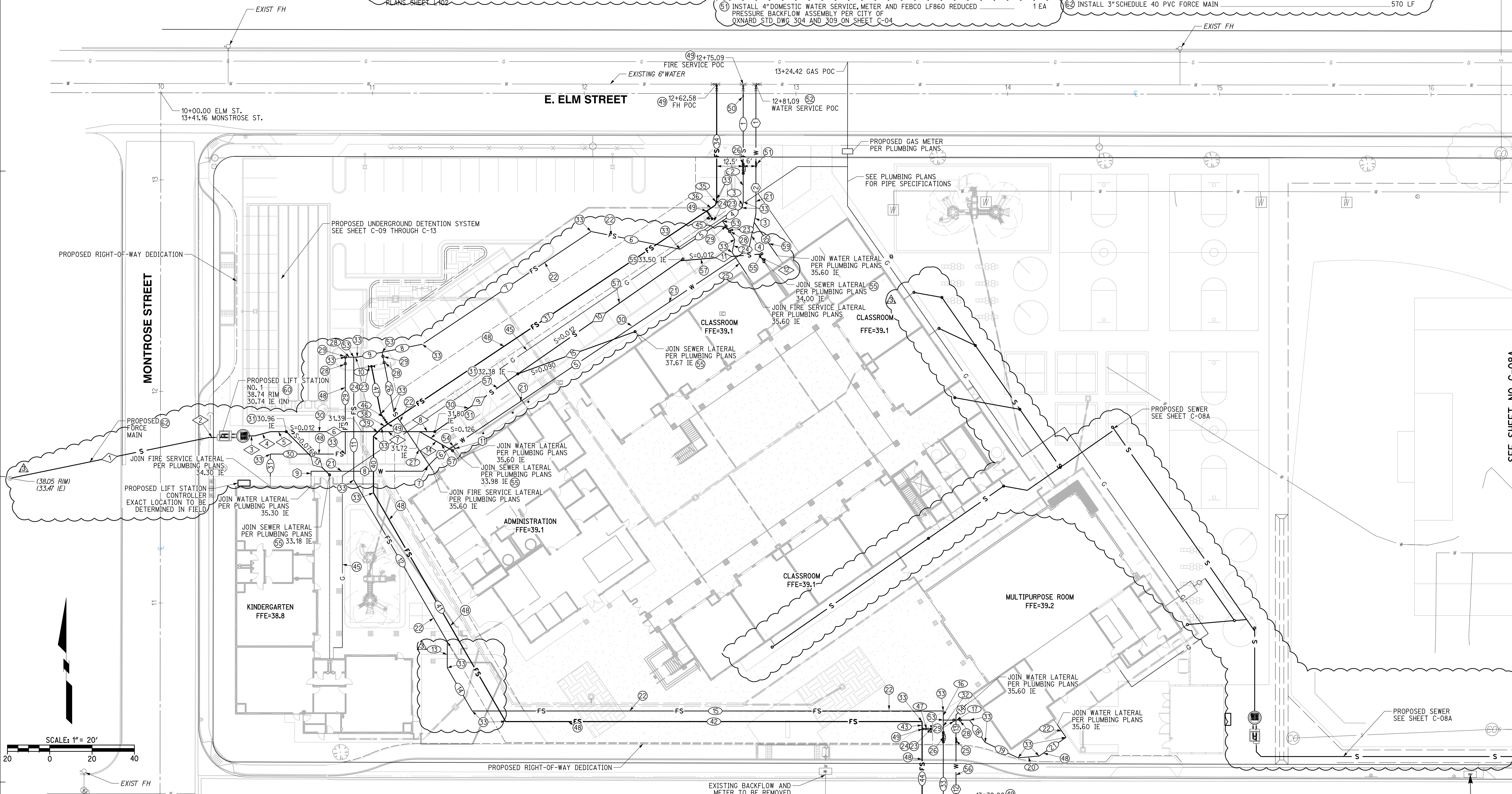


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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

21	INSTALL 4" C-900 PVC WATER SERVICE	250 LF	28	INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS	4 EA	62	INSTALL 6"x6"x4" TEE	1 EA
22	INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE	1,000 LF	29	INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS	4 EA	63	INSTALL 8"x8"x8" TEE	5 EA
23	INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	30	INSTALL 6" SDR-35 PVC SEWER	600 LF	64	INSTALL 4"x4"x4" TEE	1 EA
24	INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04	2 EA	31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA	65	INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	10 EA
25	INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04	1 EA	32	CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401	2 EA	66	INSTALL 2.5" COPPER WATER SERVICE	50 LF
26	INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311	2 EA	33	INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320	30 EA	67	INSTALL 4" SDR-35 PVC SEWER	350 LF
27	CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-02	1 EA	34	INSTALL GAS SERVICE BY OTHERS	850 LF	68	INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL	95 LF
			35	INSTALL 6" C-900 PVC FIRE SERVICE	700 LF	69	INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL	25 LF
			36	INSTALL 6"x6"x6" TEE	7 EA	70	INSTALL REMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
			37	INSTALL 8" TO 6" REDUCER	2 EA	71	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
			38	INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04	1 EA			



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	6" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-08A**

SHEET TITLE:

UTILITY PLAN



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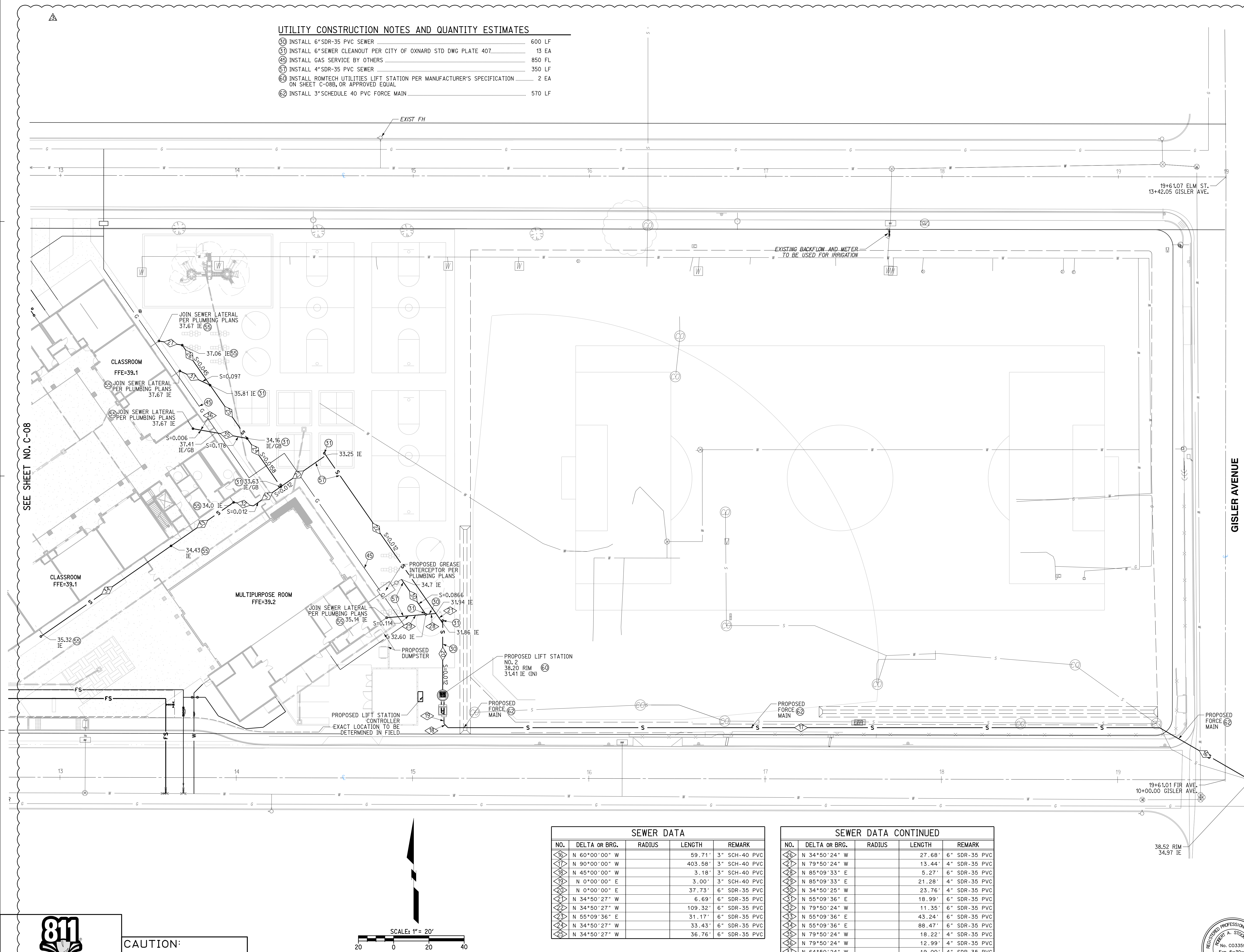


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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

60	INSTALL 6" SDR-35 PVC SEWER	600 LF
61	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
45	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF

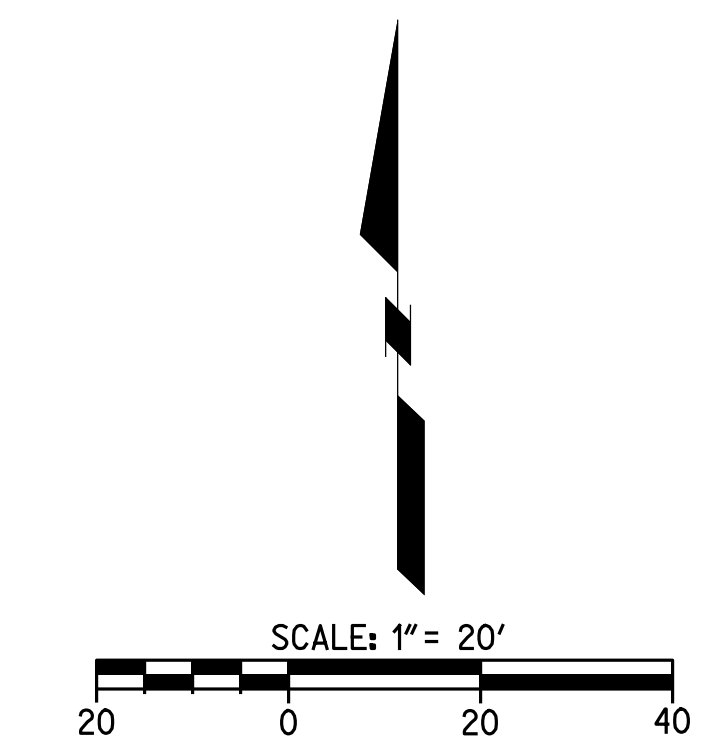


SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	3" SCH-40 PVC
17	N 90°00'00" W		403.58'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'26" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 55°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
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A# 03-116407
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-08B
 SHEET TITLE:

LIFT STATION DETAILS



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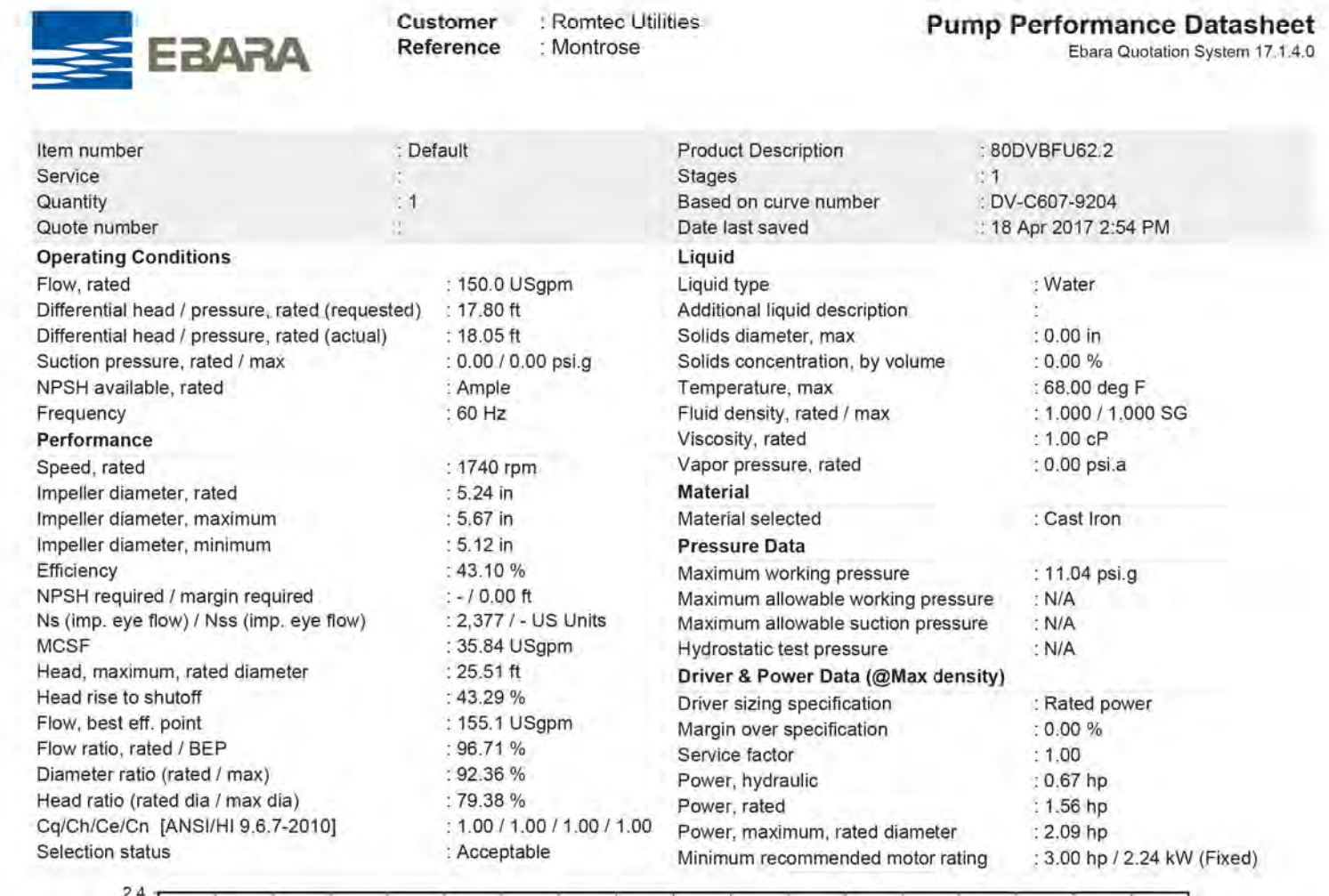


PROJECT INFO Job Name: Montrose Company: RICK Engineering Company Contact: Pump Job Type: New Station Water Type: Wastewater	PACKAGE/STARTUP Offering: Complete System Mechanical: Pump Control Panel: Control Panel Startup: Startup
WELL SUMMARY Material: Concrete Diameter: 5 Feet Barricade: 7 Feet Inside Height: 10.00 Feet Storage Depth: 0.00 Feet Disch. Piping Size: 3" PVC SCH80 Disch. Piping Type: Straight Through Disch. Piping Valve: Unlined	WELL TOP Traffic Rating: H-20 Occasional Hatch Options: None Vent Options: Vent (Cast in top slab)
WELL BASE Base: Flat ramp (w/ gravel ring) Lining: No Lining	CRANE Crane: N/A Base/Winch: N/A
FORCE MAIN ID Length: 3' 0.0 Type/Rating: PVC SCH80 FM High Point: 33.47	DUTY POINT Pumping Rate: 230 GPM (Total) Static Head: 62.7 Feet TDH: 32.8 Feet
PRIMARY PUMPS Manufacturer: Ebara Model: 800VBFU62.2 Impeller Model/Dia: 5.28 / 5.12 Motor HP: 3 HP Voltage/Phase: 480V / 3-Phase Cable Length: 33 Mix Flush Valve: N/A	ROCKY PUMP Manufacturer: N/A Model: 0 Impeller Model/Dia: 0 / 0 Motor HP: 0 Voltage/Phase: 0 / 0 Cable Length: 0 Mix Flush Valve: 0
VALVE VAULT Valve Size: 8" Model 506 (LX4XV) Hatch: H-20 Std Pressure Gauge: N/A Check Options: Plain Shut Off Options: Plug Options: Direct Op Nut	METER VAULT Valve Size: N/A Hatch: 0 Pressure Gauge: 0 Check Options: 0 Shut Off Options: 0 Options: 0
CONTROL PANEL Power: 480V / 3-Phase Controller: N/A Primary Sensor: 4 Beams Secondary Sensor: N/A Enclosure: NEMA 4 Pump/Sense Wiring: Direct Options: Alarm Beep Audible Alarm	GENERATOR Model: N/A Enclosure: 0 Transfer Switch: 0 Options: 0

Montrose - PRELIMINARY DESIGN.dwg

PROJECT INFO Job Name: Fir Company: RICK Engineering Company Contact: Pump Job Type: New Station Water Type: Wastewater	PACKAGE/STARTUP Offering: Complete System Mechanical: Pump Control Panel: Control Panel Startup: Startup
WELL SUMMARY Material: Concrete Diameter: 5 Feet Barricade: 7 Feet Inside Height: 10.00 Feet Storage Depth: 0.00 Feet Disch. Piping Size: 3" PVC SCH80 Disch. Piping Type: Straight Through Disch. Piping Valve: Unlined	WELL TOP Traffic Rating: H-20 Occasional Hatch Options: None Vent Options: Vent (Cast in top slab)
WELL BASE Base: Flat ramp (w/ gravel ring) Lining: No Lining	CRANE Crane: N/A Base/Winch: N/A
FORCE MAIN ID Length: 3' 0.0 Type/Rating: PVC SCH80 FM High Point: 34.97	DUTY POINT Pumping Rate: 230 GPM (Total) Static Head: 57.7 Feet TDH: 20.8 Feet
PRIMARY PUMPS Manufacturer: Ebara Model: 800VBFU62.2 Impeller Model/Dia: 5.28 / 5.12 Motor HP: 3 HP Voltage/Phase: 480V / 3-Phase Cable Length: 33 Mix Flush Valve: N/A	ROCKY PUMP Manufacturer: N/A Model: 0 Impeller Model/Dia: 0 / 0 Motor HP: 0 Voltage/Phase: 0 / 0 Cable Length: 0 Mix Flush Valve: 0
VALVE VAULT Valve Size: 8" Model 506 (LX4XV) Hatch: H-20 Std Pressure Gauge: N/A Check Options: Plain Shut Off Options: Plug Options: Direct Op Nut	METER VAULT Valve Size: N/A Hatch: 0 Pressure Gauge: 0 Check Options: 0 Shut Off Options: 0 Options: 0
CONTROL PANEL Power: 480V / 3-Phase Controller: N/A Primary Sensor: 4 Beams Secondary Sensor: N/A Enclosure: NEMA 4 Pump/Sense Wiring: Direct Options: Alarm Beep Audible Alarm	GENERATOR Model: N/A Enclosure: 0 Transfer Switch: 0 Options: 0

Fir - PRELIMINARY DESIGN.dwg



PROPOSED LIFT STATION NUMBER 1



PROPOSED LIFT STATION NUMBER 2



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
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A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

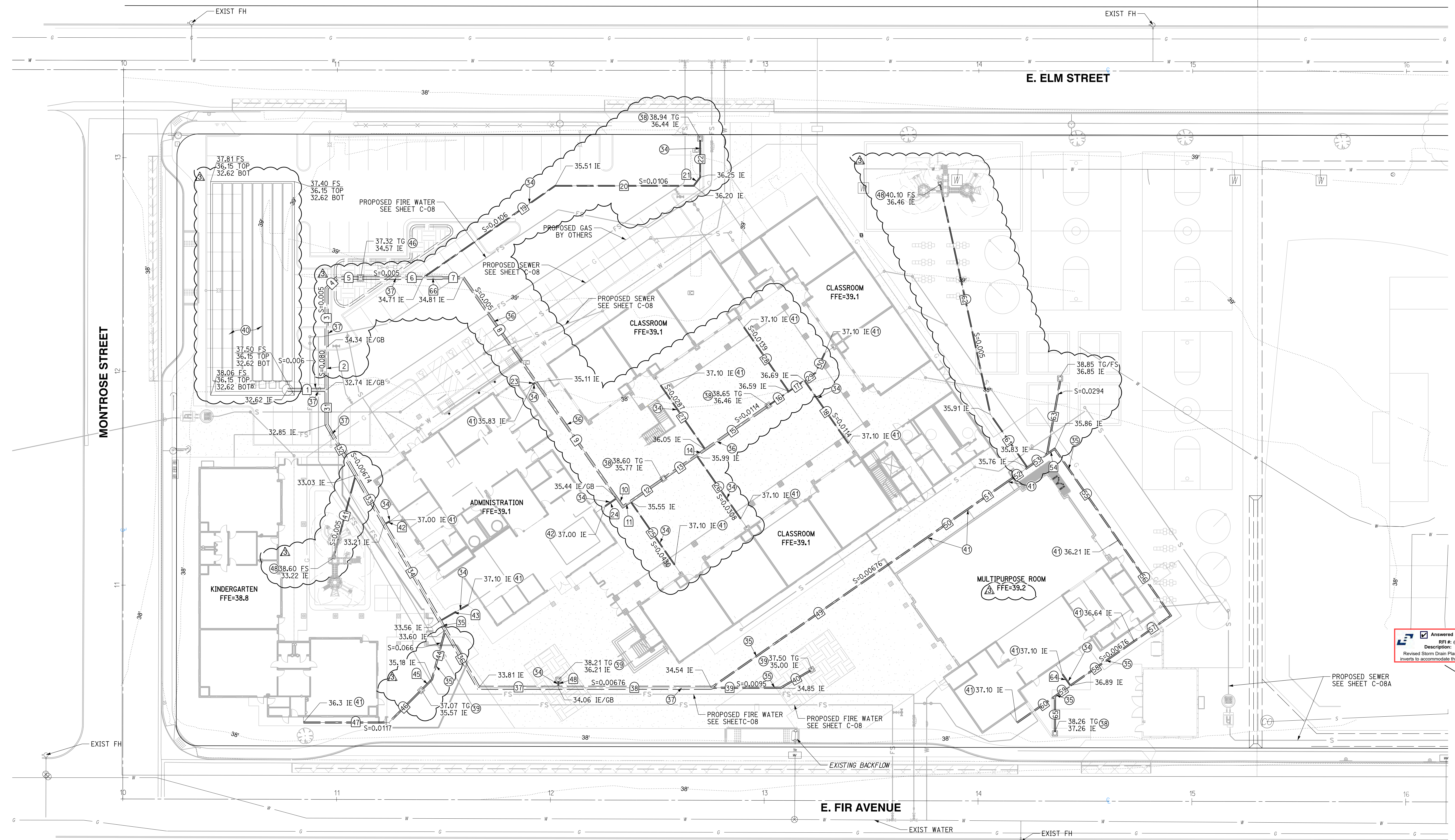
SHEET NUMBER: **C-09**

SHEET TITLE: **STORM DRAIN PLAN**



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA



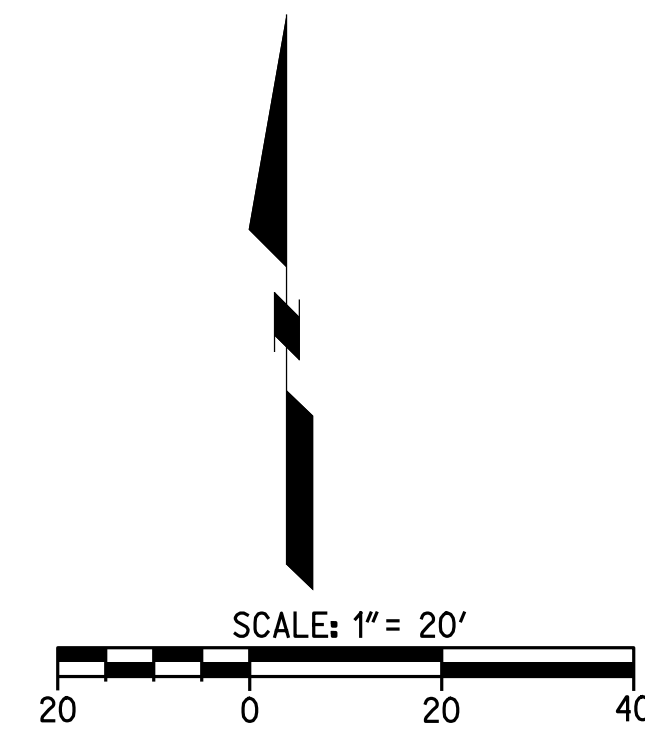
Answered Pending
 Description:
 Revised Storm Drain Plan with revised inverts to accommodate the correct storm

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



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 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

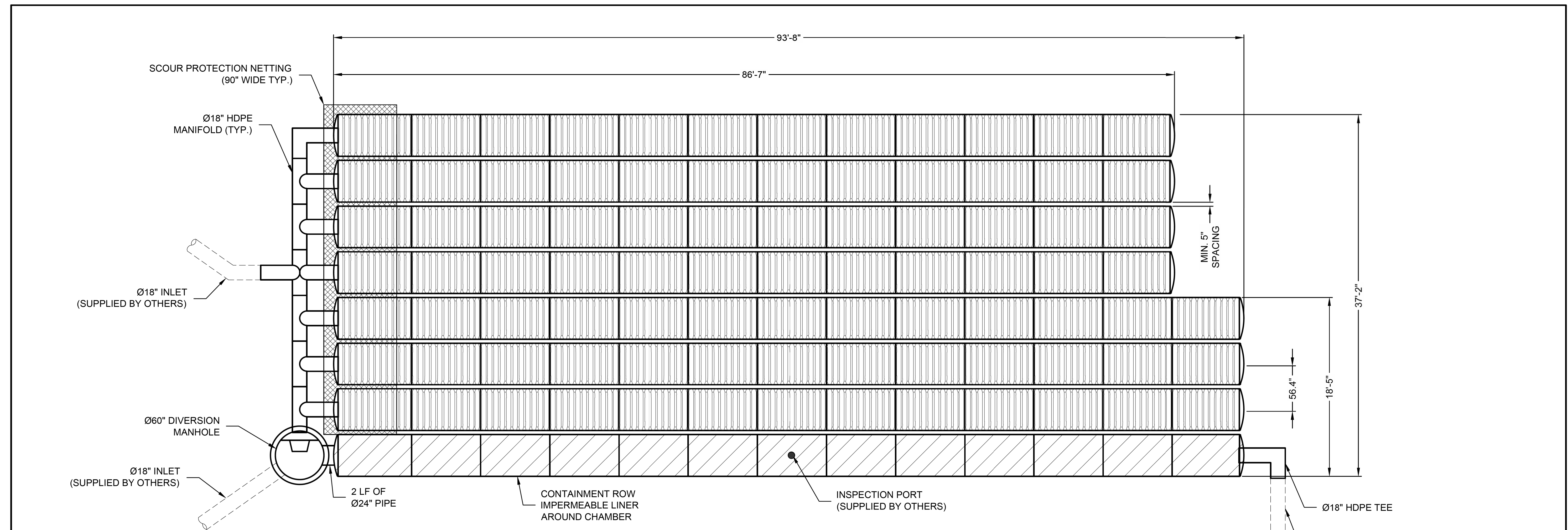
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: **C-10**
 SHEET TITLE:

STORM DRAIN DETAILS

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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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 11815 NE Glenn Widing Drive, Portland, OR 97220
 800-548-4667 503-240-3393 800-561-1271 FAX

CHAMBERMaxx®
 PATENT PENDING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 4		

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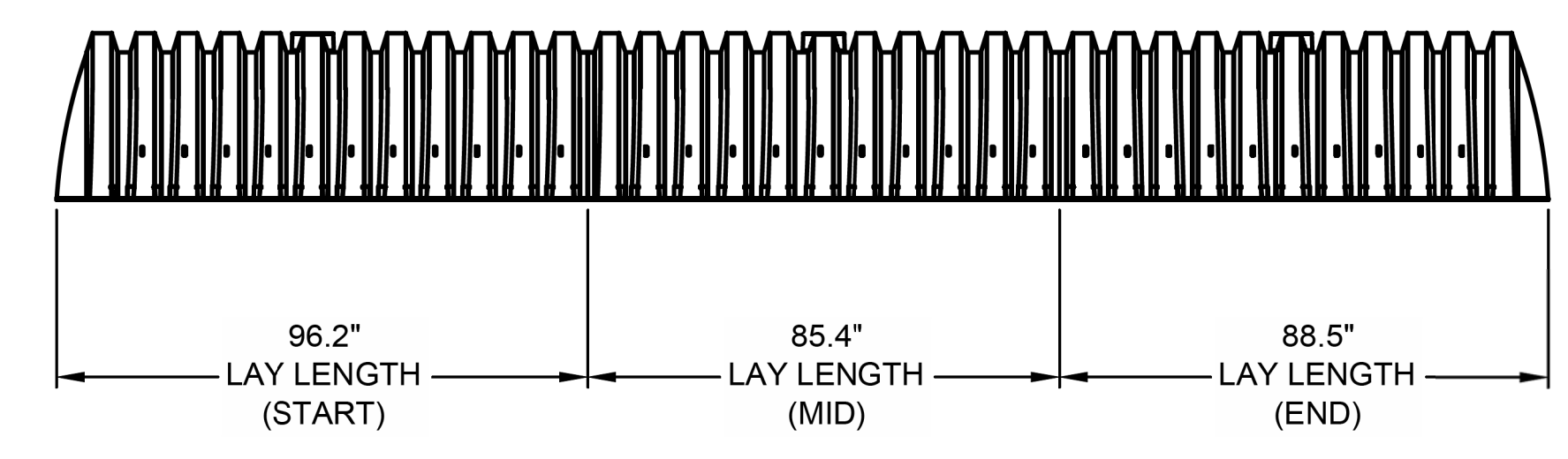
DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

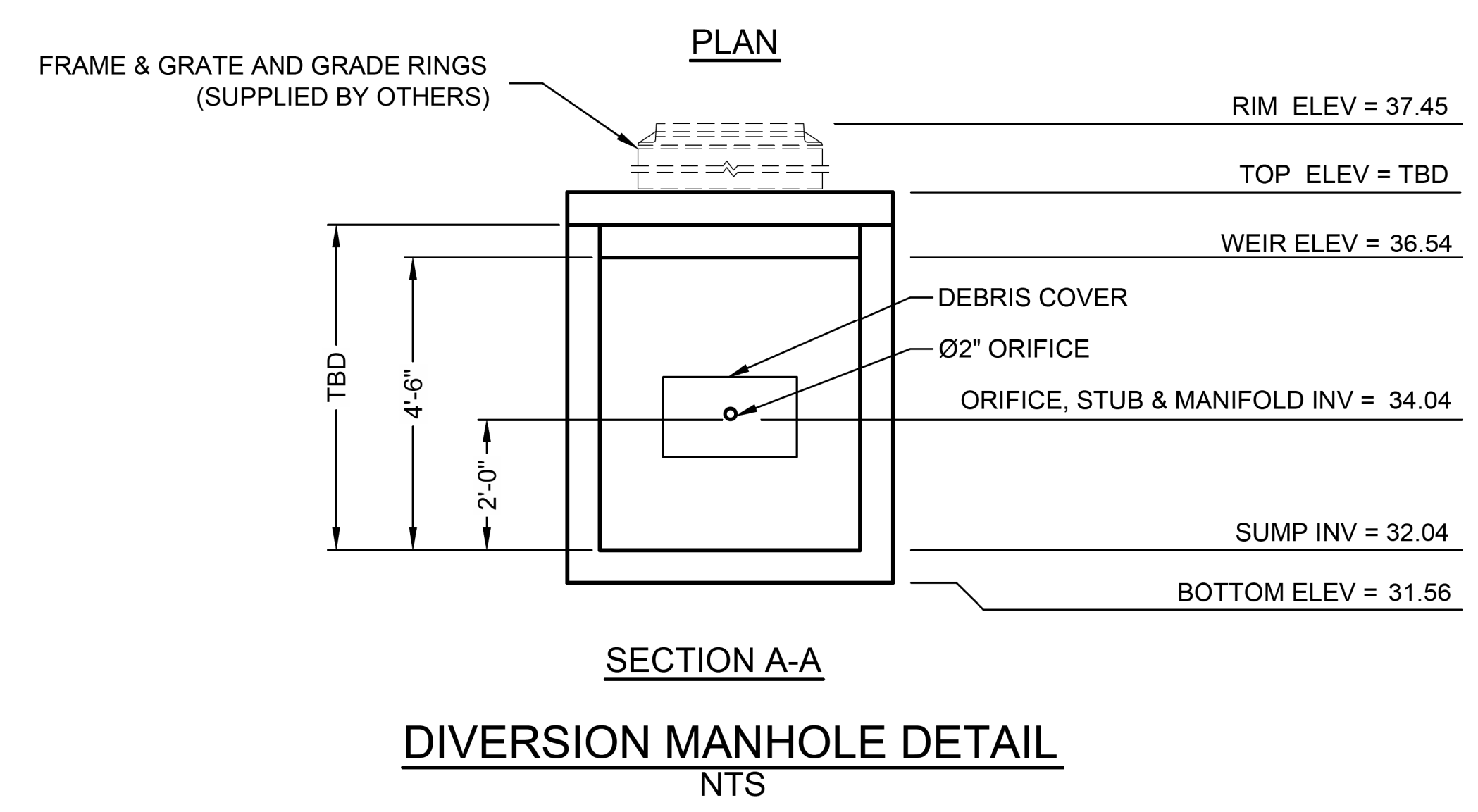
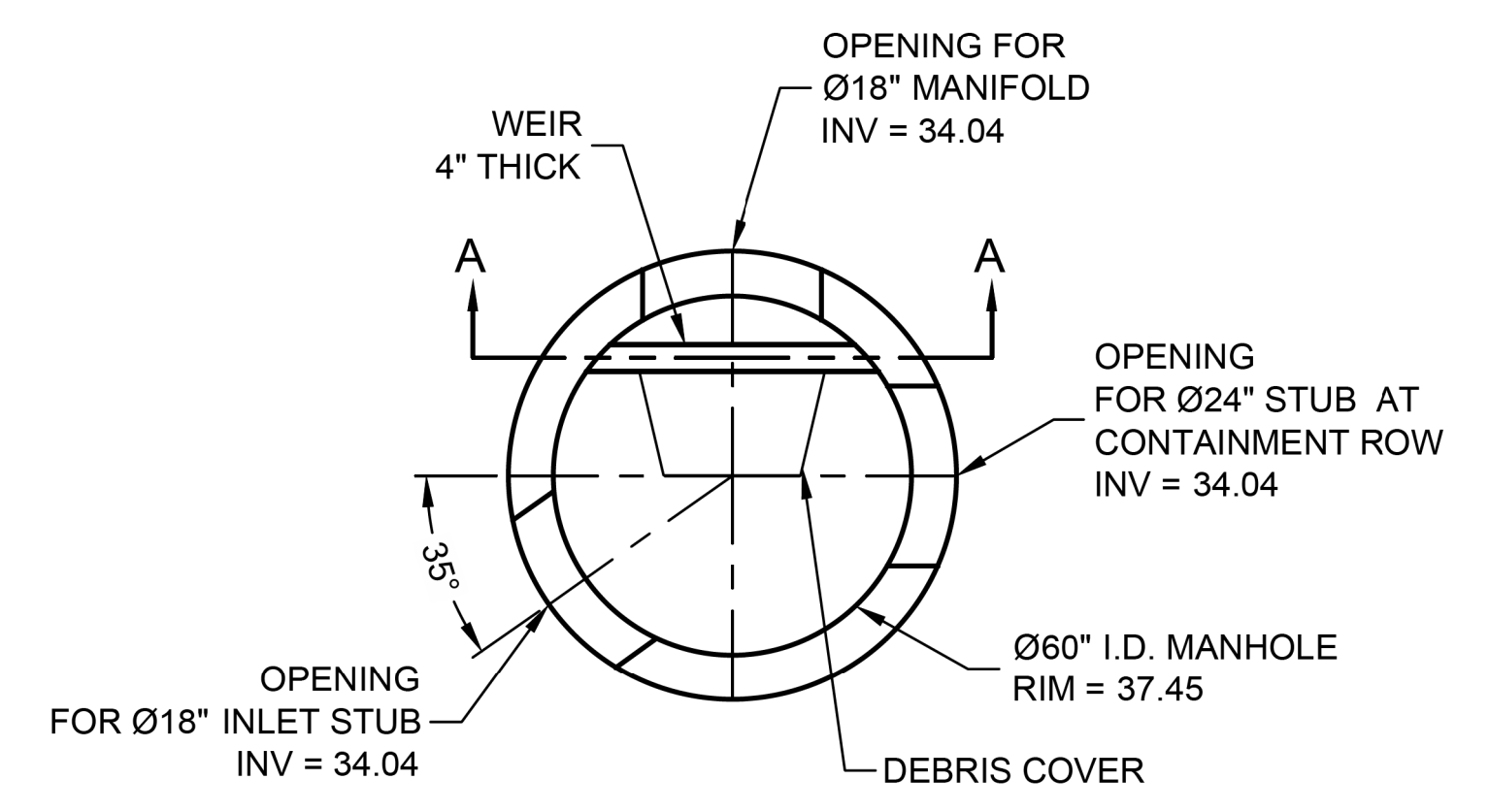
STORM DRAIN DETAILS

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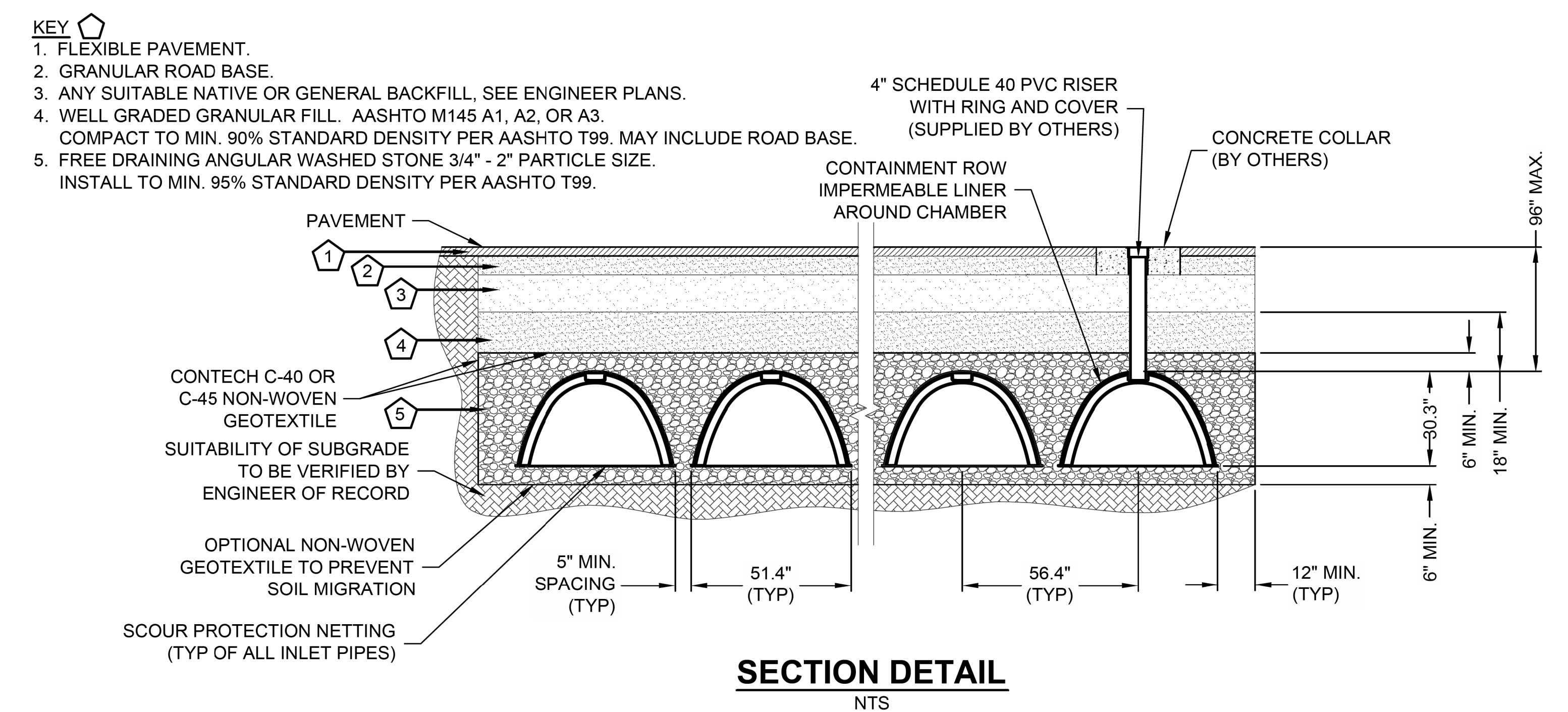
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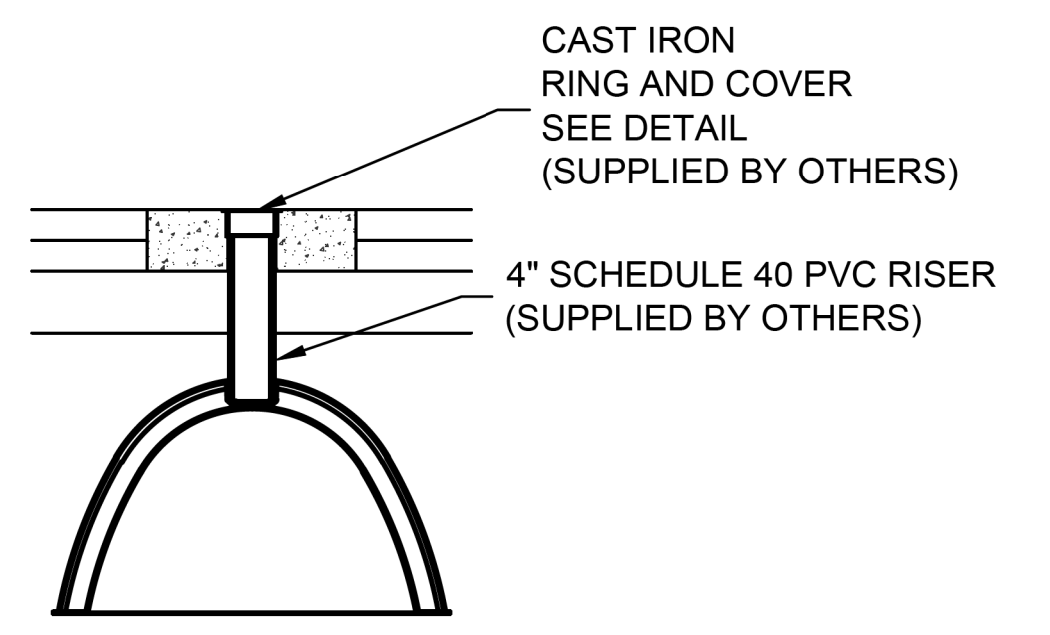
TYPICAL ELEVATION VIEW
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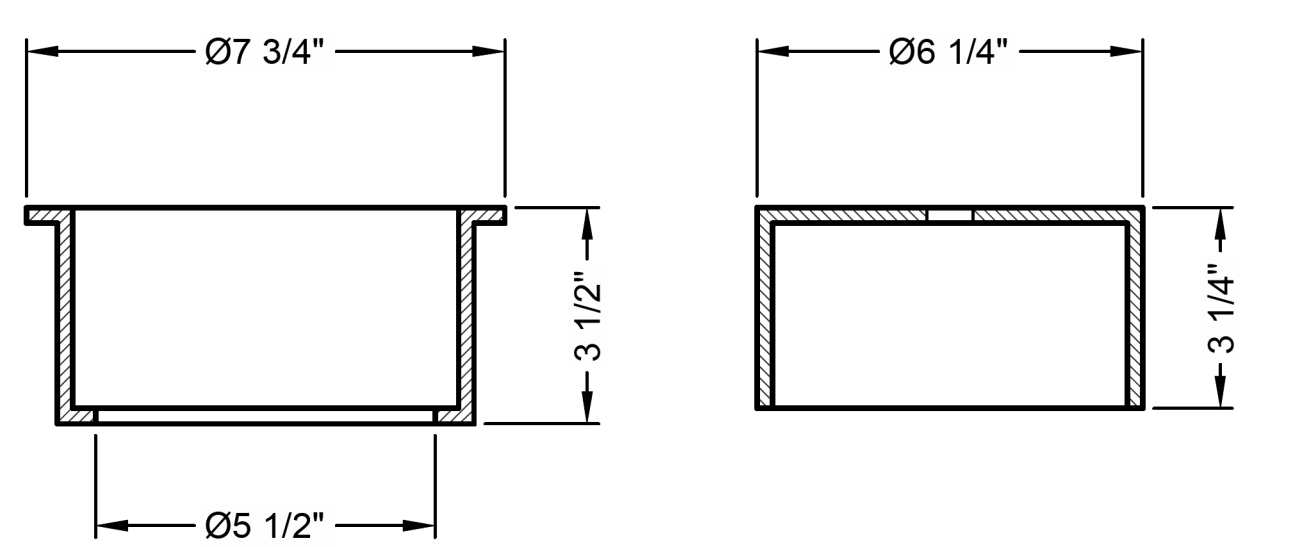
SECTION A-A
 DIVERSION MANHOLE DETAIL
 NTS



SECTION DETAIL
 NTS



INSPECTION PORT DETAIL
 NTS



RING AND COVER DETAIL
 NTS

- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.

CONTECH C-40 OR C-45 NON-WOVEN GEOTEXTILE
 SUITABILITY OF SUBGRADE TO BE VERIFIED BY ENGINEER OF RECORD
 OPTIONAL NON-WOVEN GEOTEXTILE TO PREVENT SOIL MIGRATION
 SCOUR PROTECTION NETTING (TYP OF ALL INLET PIPES)

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CHAMBERMaxx
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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	SEQ. No:	DATE:
512582	010	11/19/2014
DESIGNED:	DRAWN:	
CDH	FCS	
CHECKED:	APPROVED:	
SHEET NO:	2 OF 4	

811
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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DESCRIPTION	DATE
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▲	
▲	
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▲	

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: **C-12**

SHEET TITLE:

STORM DRAIN DETAILS



CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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 CONTECH PROPOSAL DRAWING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
CHECKED:		APPROVED:			
SHEET NO.:	3		OF 4		



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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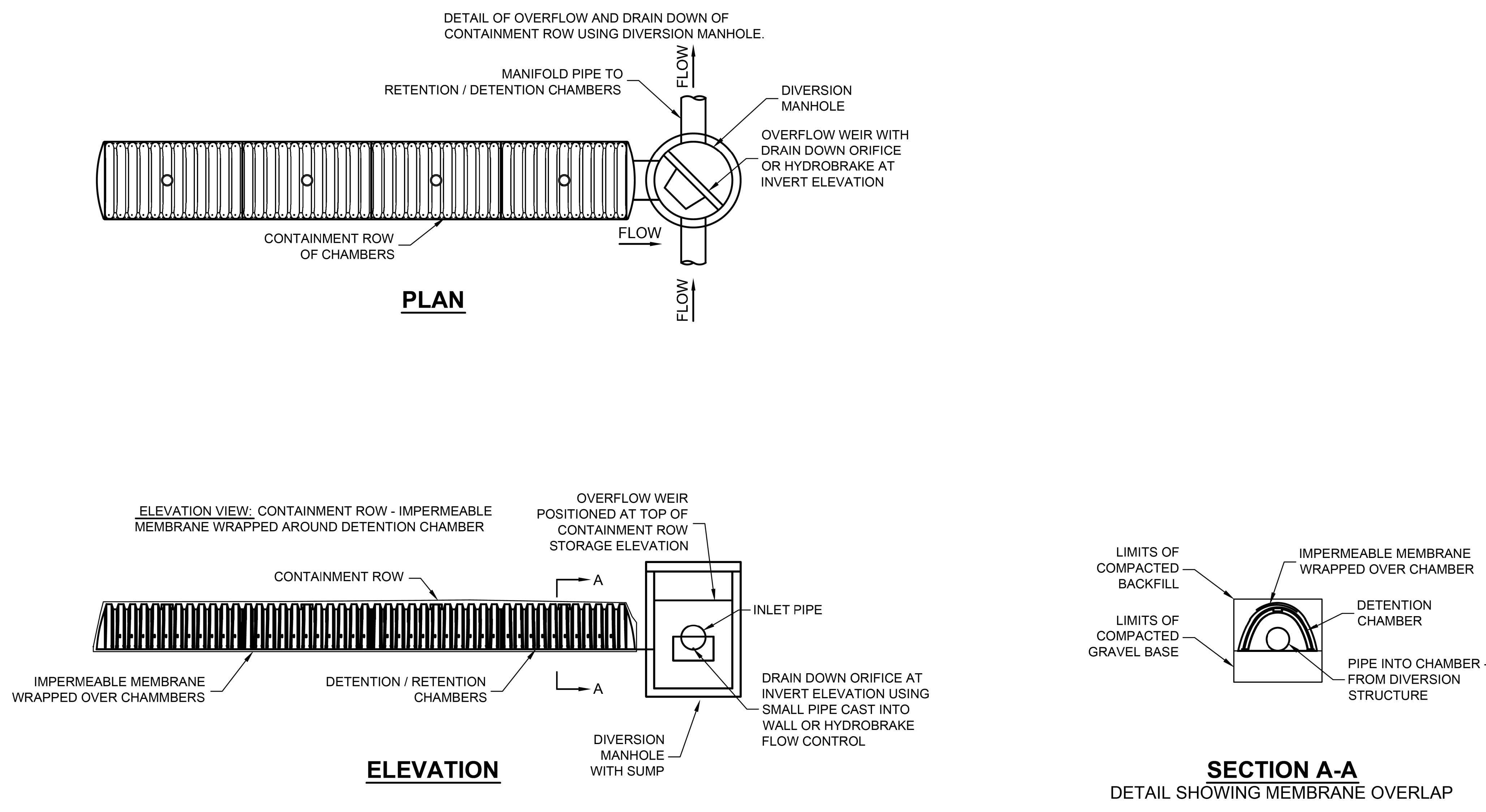
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-13

SHEET TITLE:
STORM DRAIN DETAILS

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CONTAINMENT ROW DETAILS
 NTS

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 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEG. No.:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS		
CHECKED:		APPROVED:			
SHEET NO.:	4 OF 4				



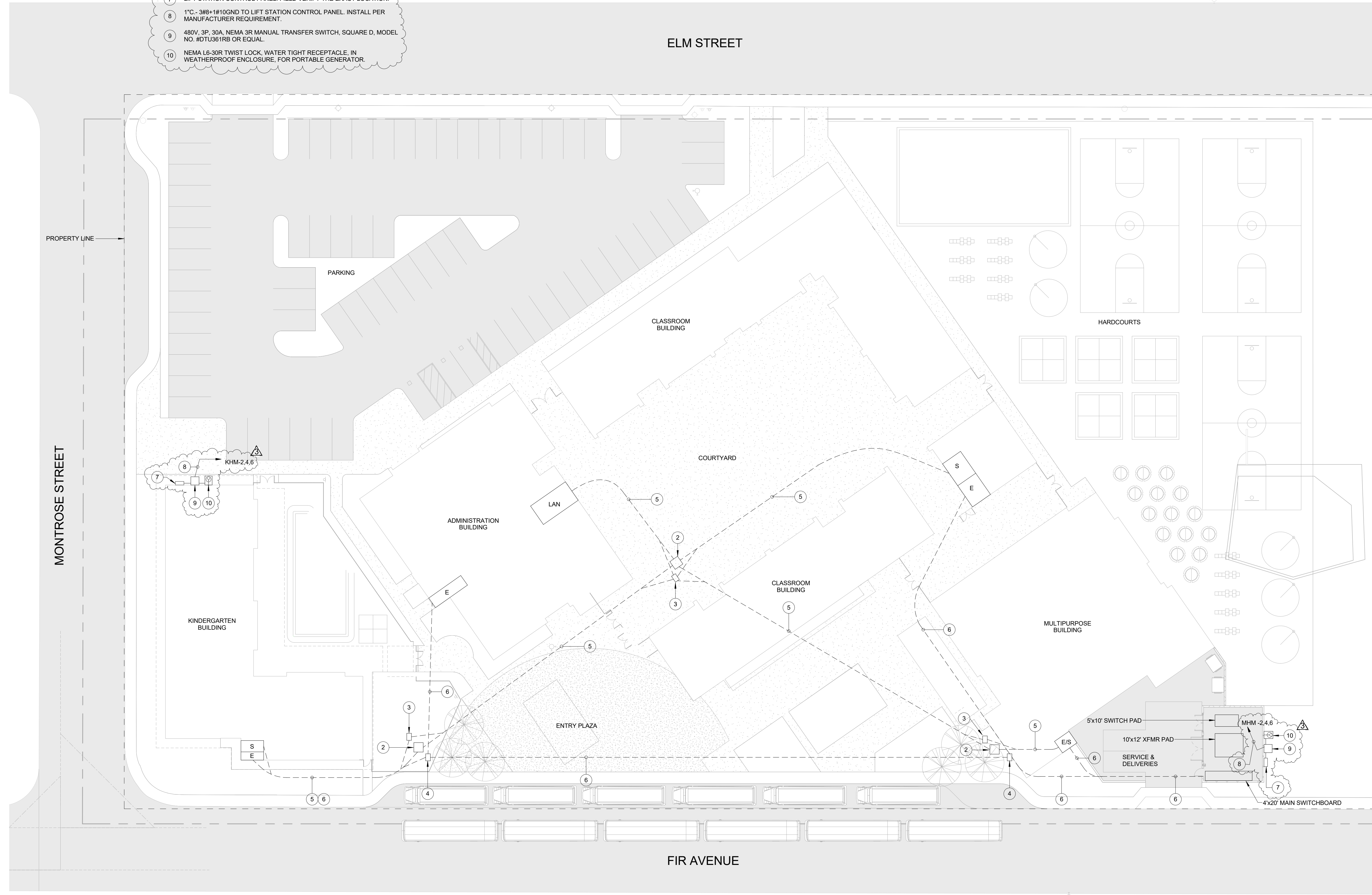
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REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
 (1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
 (1) 2" - PAINTERCOMMUNICATION/TELEPHONE SYSTEM
 (1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
 (1) 2" - FIRE ALARM SYSTEM
 (1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
 (1) 3" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" - 3/8"-18" 10GND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.



ROSHANIAN & ASSOCIATES, INC.
 ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
 6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
 TEL: (323) 933-5252 FAX: (323) 933-5589

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN #3	05/11/17

DATE ISSUED: Mar. 06, 2015
 PROJECT NO: 1340159
 SCALE: 1" = 20'-0"

SHEET NUMBER: **E-1.2**
 SHEET TITLE:

ELECTRICAL SITE PLAN



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INFO@ROMTECUTILITIES.COM



Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

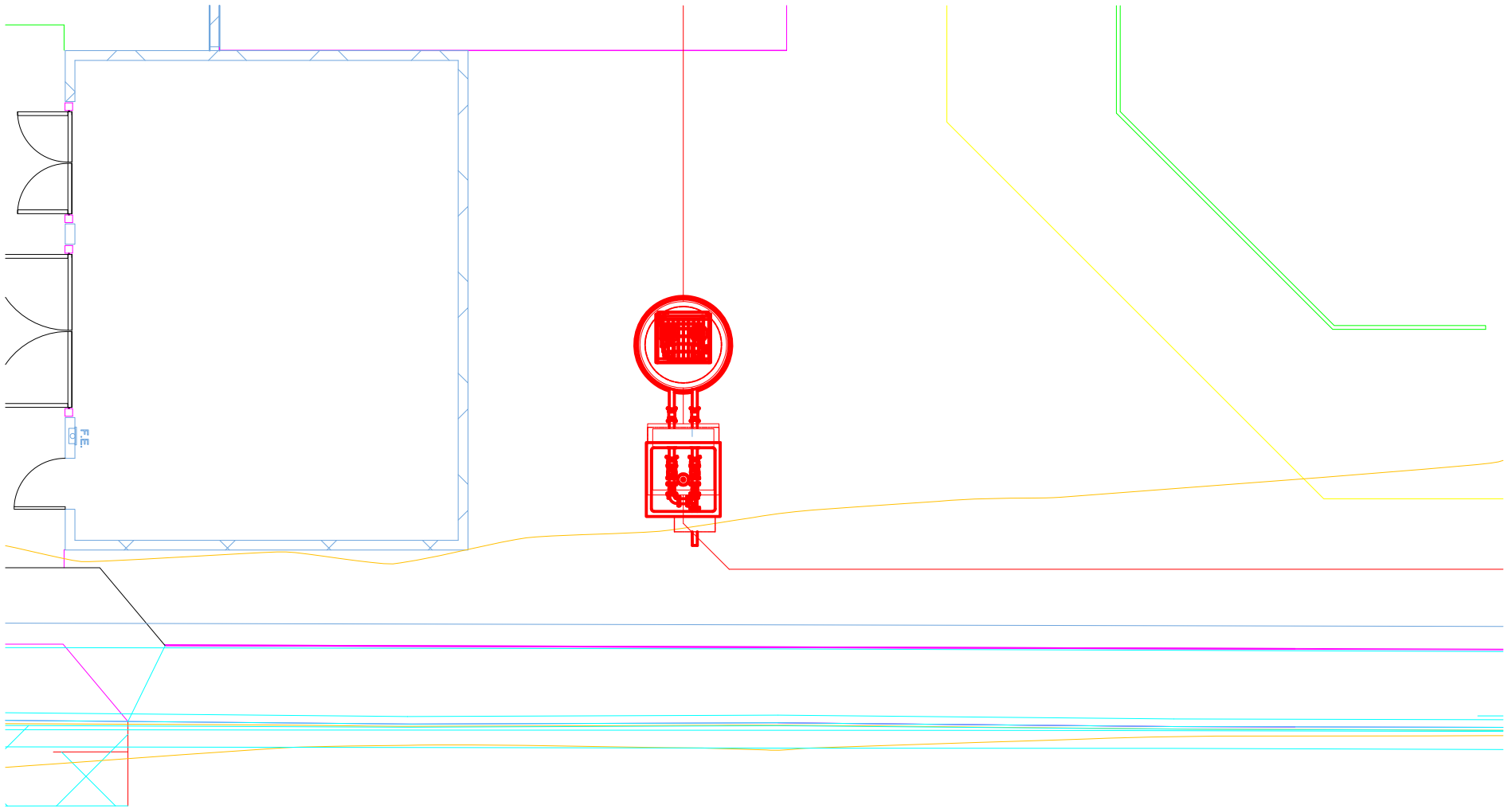
2.9 Exclusions

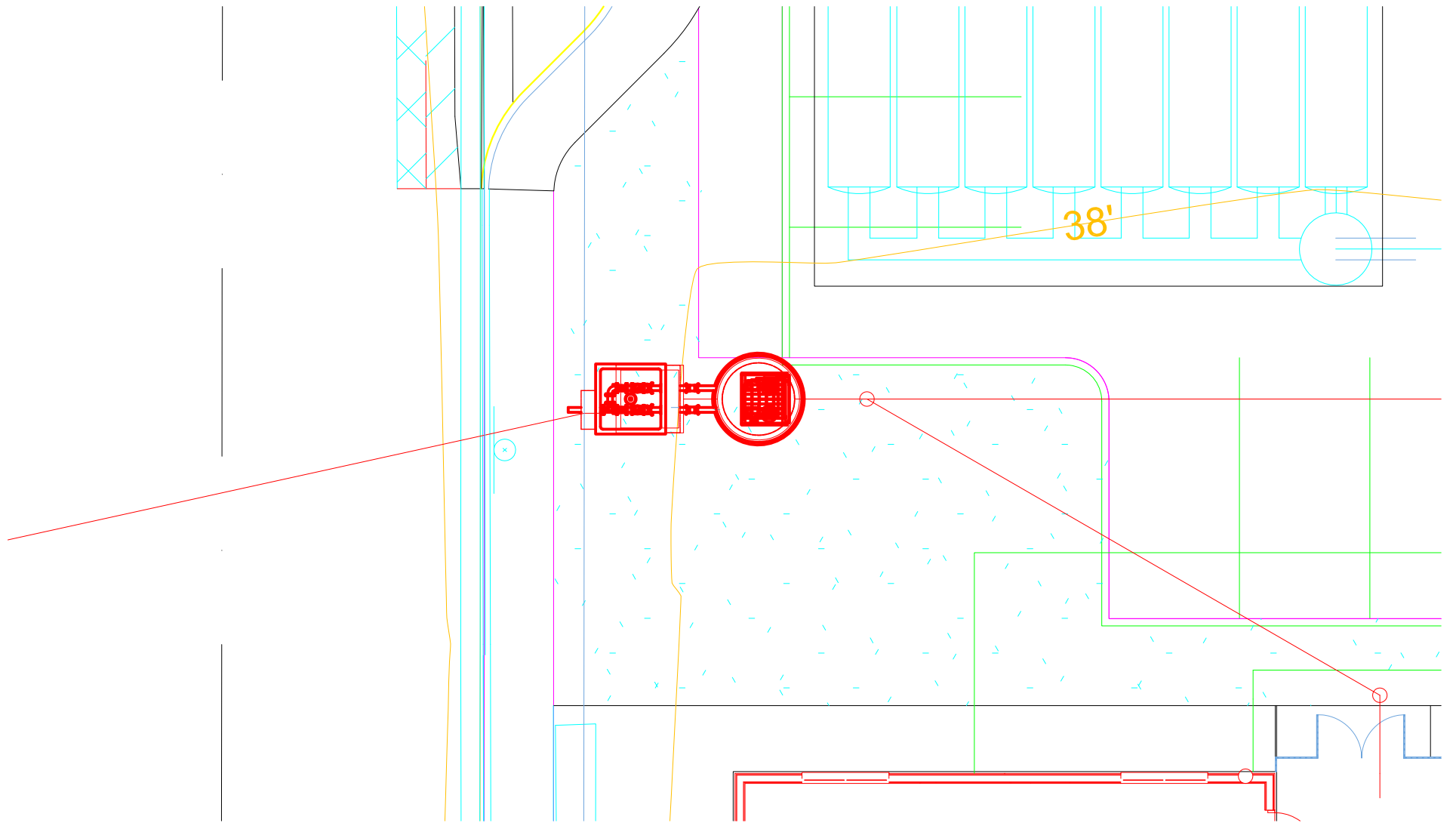
- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable







CHANGE ORDER REQUEST

COR No. 36 R1

Date: 8/1/2018

Project: Elm Elementary School Reconstruction Project

DESCRIPTION OF WORK

Bulletin 3, 3.1 Forced Main

SUMMARY OF COSTS

Item Description	Company	Amount Requested
Subcontract Costs		
Cost to install forced sewer main from Fir St. pump station.	J Vega Engineering Inc	113,717
Reason: The existing elevations of the sanitary sewer in the neighborhood are too high for the campus sewer to function as designed, thus necessitating the installation of pump stations. The sewage needs to be pumped uphill through the forced main to the sewer on Gislerr St.		
Requested By: SVA Architects		
Ref: Bulletins 3 and 3.1		
		Subtotal: 113,717
Contractual Costs		
Overhead 15%		17,058
		Subtotal: 17,058
Total Change Order Request Amount:		130,775

APPROVAL

(Please note that if this Change Order Request is not approved by , additional costs and schedule impacts may result.)

Oxnard School District

Bernards Bros. Inc.

Signature

Rick Focht

Signature

Printed Name & Title

Rick Fochtman Executive Vice President

Printed Name & Title

Date

08-30-18

Date

*Approved - Jennifer McLean
CFW Program Mgr.*



INVOICE

J. VEGA ENGINEERING, INC.
 PO BOX 6910 Oxnard, CA 93031
 P: 805-479-6563
 E: JVEGAENGINEERING@YAHOO.COM
 State Contractor Lic. # A-885900

Date: 7-24-2017
3" Forced sewer line

Job Name: 3" FORCED SEWER LINE ON GISLER ST.

To Bernards Bros Inc.
 450 E. Elm Street
 Oxnard, CA 93033

P.O Number	Terms	Rep	Ship	Via	F.O.B	Project
			7-24-2017			Elm Elementary School

ITEM	DESCRIPTION	LABORER	MATERIALS	EQUIPMENT AND TOOLS	TOTAL
1	Install 410 L.F. of 3" PVC SCH. 40 forced sewer line onsite along Gisler St.	Laborer: 376 hrs. @ \$62.47 T: \$23,488.72 Operator: 234 hrs. @ \$83.57 T: \$19,555.38 Total: \$43,044.10	Fill sand \$1,600.00 Pipe & fittings: 2,634.45 Total: \$4,234.45	Excavator \$3,560.00 Backhoe \$3,800.00 Dump truck \$3,280.00 Tool truck: \$3,900.00 Total: \$14,540.00	\$61,818.55
2	Tie in to new Lift Station at Vault.	Laborer: 16.00 @ \$62.47 T: \$99.52 Operator: 8.00 @ \$83.57 T: \$668.08 Total: \$1,668.08	Pipe & fitting: T: \$656.92	Backhoe: 1 day @ \$350.00 Truck & tools: 1 day @ \$445.00 Total: \$795.00	\$3,120.00
3	R&R Asphalt and concrete as needed	Laborer: 120 hrs. @ \$62.47 T: \$7,496.40 Operator: 40 hrs. @ \$83.57 T: \$3,342.80	Concrete & asphalt	Truck and tools: \$1,950.00 Dump truck: \$1,840.00 Roller \$875.30 Backhoe: \$1,920.00	

		Total: \$10,839.20	T: \$4,897.25	\$6,585.30	\$22,321.75
4	Pot hole existing utilities	Laborer: 12 hrs. @ \$62.47 T: \$749.64 Operator: 6 hrs. @ \$83.57 T: \$501.42 Total: \$1,251.06	Sand shade \$724.00	Tool truck: \$445.00 Excavator: \$350.00 Total: 795.00	\$2,770.06
5	Traffic Control	\$00.00	00.00	00.00	00.00
6	Trench Safety	Laborer: 14 hrs. @ \$62.47 T: \$874.58 Operator: 6 hrs. @ \$83.57 T: \$501.42 Total: \$1,376.00	Cold patch, Play wood over trenches, trench plates T: \$1,554.00	00.00	1,554.00
7	Mobilization	Laborer: 16 hrs. @ \$62.47 T: \$999.52 Operator: 20 hrs. @ \$83.57 T: \$1,671.40 Total \$2,670.92	00.00	Truck & trailers, dump truck, tool truck Total:\$1,829.08	\$4,500.00
8	Stock pile-on site excess dirt	Laborer: 6 hrs. @ \$62.47 T: \$374.82 Operator: 18 hrs. @ \$83.57 T: \$1,504.26 Total: \$1,878.26	00.00	Excavator, & dump truck \$921.74	\$2,800.00

Subtotal	\$98,884.36
15% mark up	\$14,832.65
Total	\$113,717.00

Make all checks payable to J. VEGA ENGINEERING, INC..

Thank you for your business!



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Operating Engineer
Date:	6/23/2017	Classification:	Backhoe Operator
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$44.74	\$ 93.00	\$ 115.37
Vacation & Holiday Accrual	\$3.45		
Hourly Taxable Wage Costs Subtotal	\$ 48.19	\$ 93.00	\$ 115.37
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.77	\$ 5.77	\$ 7.15
Medicare	\$ 0.65	\$ 1.35	\$ 1.67
FUI	\$ 0.05	\$ 0.11	\$ 0.14
SUI	\$ 0.39	\$ 0.82	\$ 1.02
Workers Compensation Insurance	\$ 9.46	\$ 9.46	\$ 9.46
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
Hourly Payroll Tax & Insurance Subtotal	\$ 13.33	\$ 17.50	\$ 19.44
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 11.45	\$ 11.45	\$ 11.45
Pension & Retirement (or equivalent)	\$ 9.65	\$ 9.65	\$ 9.65
Training (or equivalent)	\$ 0.95	\$ 0.95	\$ 0.95
Hourly Benefits Subtotal	\$ 22.05	\$ 22.05	\$ 22.05
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 83.57	\$ 132.55	\$ 156.86

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Overhead 2. Profit 3. Vehicle & transportation expenses 4. Small tools | <ul style="list-style-type: none"> 5. Consumables 6. Bonus or incentive payments 7. Communications 8. Supervision |
|--|---|



HOURLY LABOR COST RATES

Sub/Contractor:	J VEGA ENGINEERING, INC	Trade:	Laborer (Group 3)
Date:	6/23/2017	Classification:	Journeyman
Project:	ELM ST, ELEMENTARY	Union :	<input checked="" type="checkbox"/> Non Union: <input type="checkbox"/>
Rate Effective Through:	July 2, 2017		

	Straight Time	Time & 1/2	Double Time
A. HOURLY TAXABLE WAGE COSTS			
Hourly Wage	\$33.44	\$ 50.16	\$ 66.88
Vacation & Holiday Accrual	\$4.57	\$4.57	\$ 4.57
	\$ 38.01	\$ 54.73	\$ 71.45
B. HOURLY PAYROLL TAX & INSURANCE			
Social Security	\$ 2.07	\$ 3.11	\$ 4.15
Medicare	\$ 0.48	\$ 0.73	\$ 0.97
FUI	\$ 0.04	\$ 0.06	\$ 0.08
SUI	\$ 0.29	\$ 0.44	\$ 0.59
Workers Compensation Insurance	\$ 7.07	\$ 7.07	\$ 7.07
General Liability Insurance (If Applicable)	\$ -	\$ -	\$ -
	\$ 9.96	\$ 11.41	\$ 12.85
C. HOURLY BENEFITS			
Health & Welfare (or equivalent)	\$ 7.06	\$ 7.06	\$ 7.06
Pension & Retirement (or equivalent)	\$ 6.75	\$ 6.75	\$ 6.75
Training (or equivalent)	\$ 0.69	\$ 0.69	\$ 0.69
	\$ 14.50	\$ 14.50	\$ 14.50
TOTAL HOURLY LABOR COST RATE (A+B+C)	\$ 62.47	\$ 80.64	\$ 98.80

Factors NOT allowed in the above hourly labor cost rates:

- | | |
|--------------------------------------|--------------------------------|
| 1. Overhead | 5. Consumables |
| 2. Profit | 6. Bonus or incentive payments |
| 3. Vehicle & transportation expenses | 7. Communications |
| 4. Small tools | 8. Supervision |

Bulletin 3



Santa Ana + Oakland + San Diego + Honolulu

SVA Architects, Inc.

3 MacArthur Place, Suite 850
Santa Ana, California 92707
T 949.809.3380

info@sva-architects.com
www.sva-architects.com

Elm Street Elementary School Bulletin # 3 Narrative

Civil

- C-01: added sheets C-08a and C-08b
- C-02: Revised detail 11 and added detail 16
- C-04: Added City Standard Plates
- C-05: Updated Legend
- C-06: Updated pad elevations, added note 61
- C-08: Updated utility lines layout around campus, updated utility tables, provided lift station info on plan
- C-08A: Updated utility lines layout around campus, provided lift station info on plan (new sheet)
- C-08B: Lift station details (new sheet)
- C-09: Updated storm drain lines and data tables, updated pad elevation at MPR building
- C-10: Updated storm drain details
- C-11: Updated storm drain details
- c-12: Update storm drain details
- C-13: Updated storm drain details

Electrical

- E-1.2: Added lift station control panel, electrical requirements and receptacle for portable generator for both lift stations locations. Locations of devices per plan.
- E4-5.1: Updated panel schedule
- E2-5.1: Updated panel schedule

Lift Station Product Data

- Product sheets 1-5
- Lift Station location diagram for each location

Note: Sewer line slopes of 1.2% are to be verified and accepted by the School District before proceeding with the work.



May 15, 2017

Mr. Tom Bardwell
Project Lead
SVA Architects, Inc.
3 Mac Arthur Place, Suite 850
Santa Ana, Ca 92707

Re: Bulletin #3 - Sewer line slopes at Elm Street Elementary School

Dear Tom,

As part of Bulletin #3, Rick Engineering has revised the utility layouts around the campus, including the sewer lines, as part of the coordination effort with Bernard's team to avoid the existing classroom building, footings/zone of influence around the new footing locations and crossing of other utility lines. Due to the shallow nature of the existing sewer lines around the neighborhood and existing off-site sewer point of connections, the new sewer layout was designed to a 1.2% slope. The 2013 California Plumbing Code, Section 708.0 reads as follows: " piping 4 inches or larger in diameter shall be permitted to have a slope of not less than 1/8" per foot or 1 percent, where first approved by the Authority having Jurisdiction (AHJ) which is the Design Team.

Rick Engineering has provided the current design, as shown in Bulletin #3, and approves the 1.2% slope for the sewer lines is in compliance with the California Plumbing Code and will work with the current design layout.

Sincerely,

Robert Stockton
Principal, RCE# C033591
Rick Engineering Company





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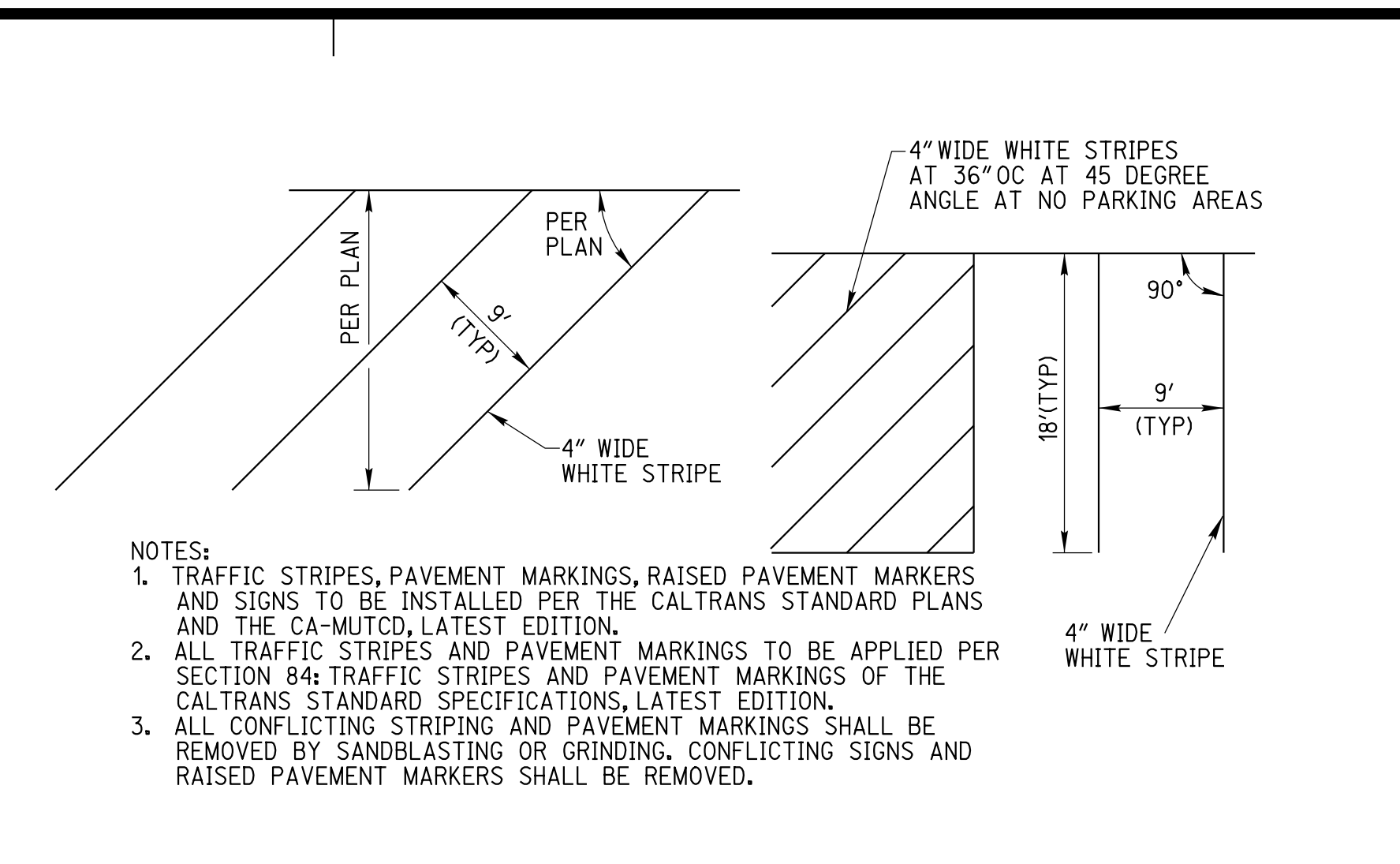
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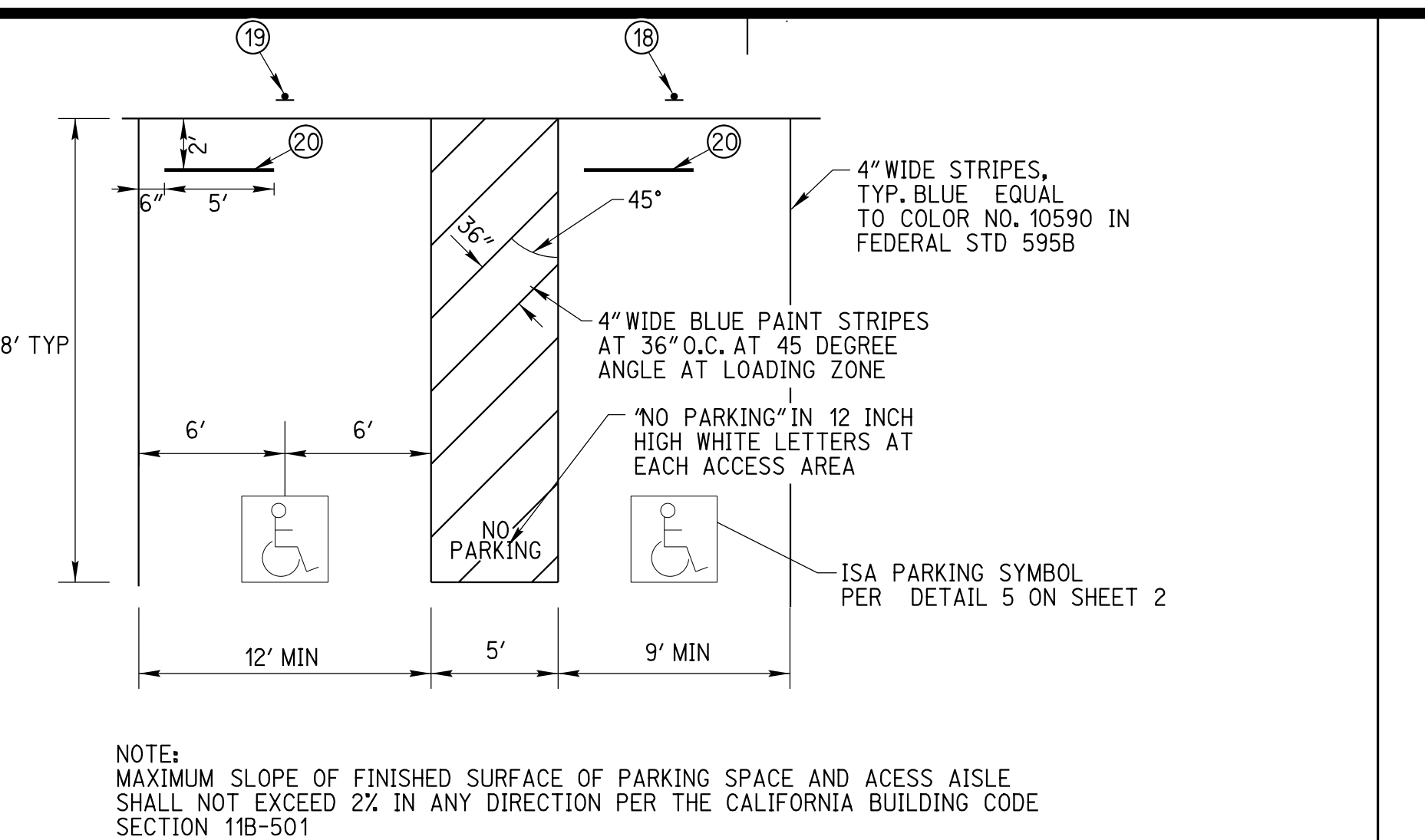
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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-02
 SHEET TITLE:

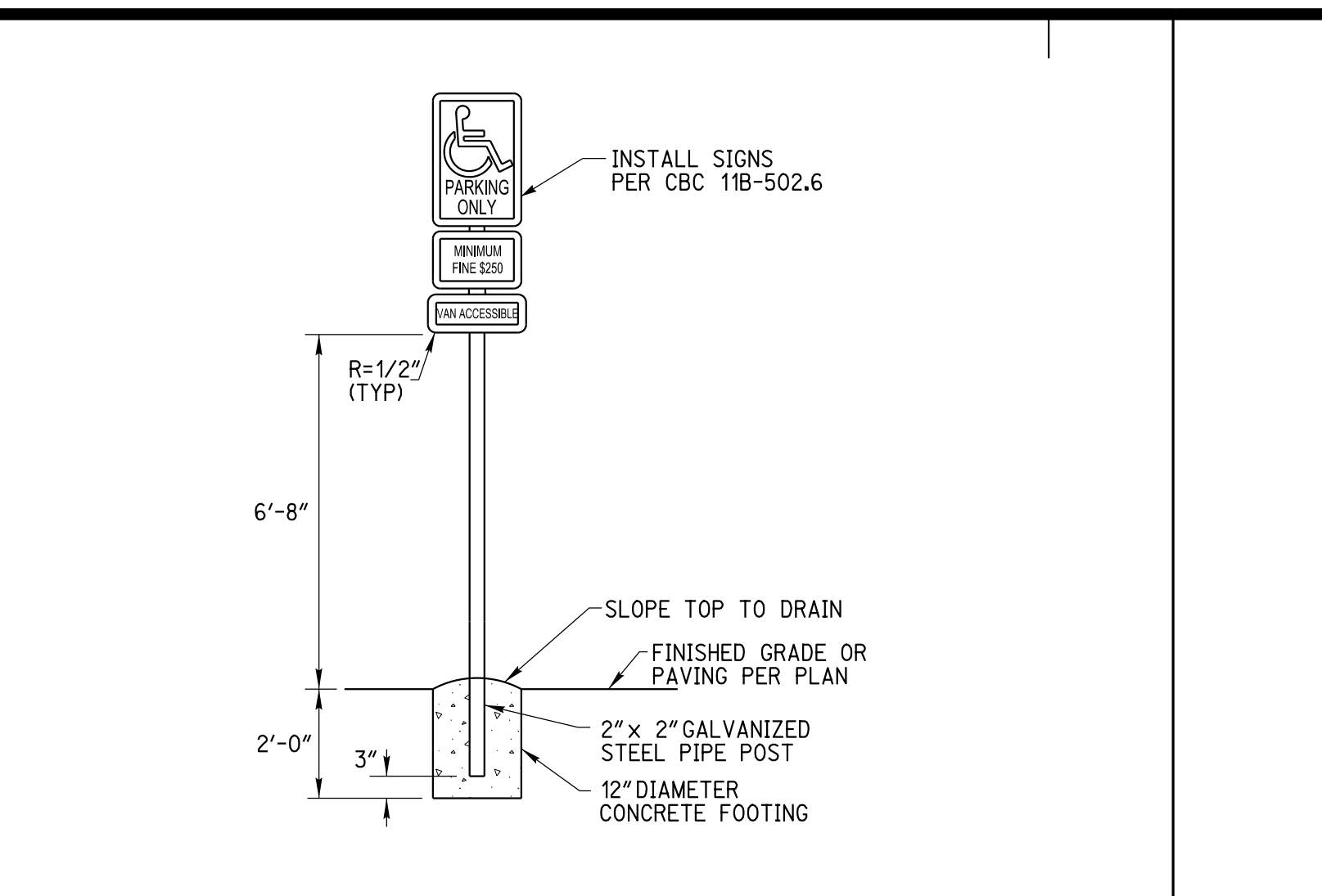
DETAIL SHEET



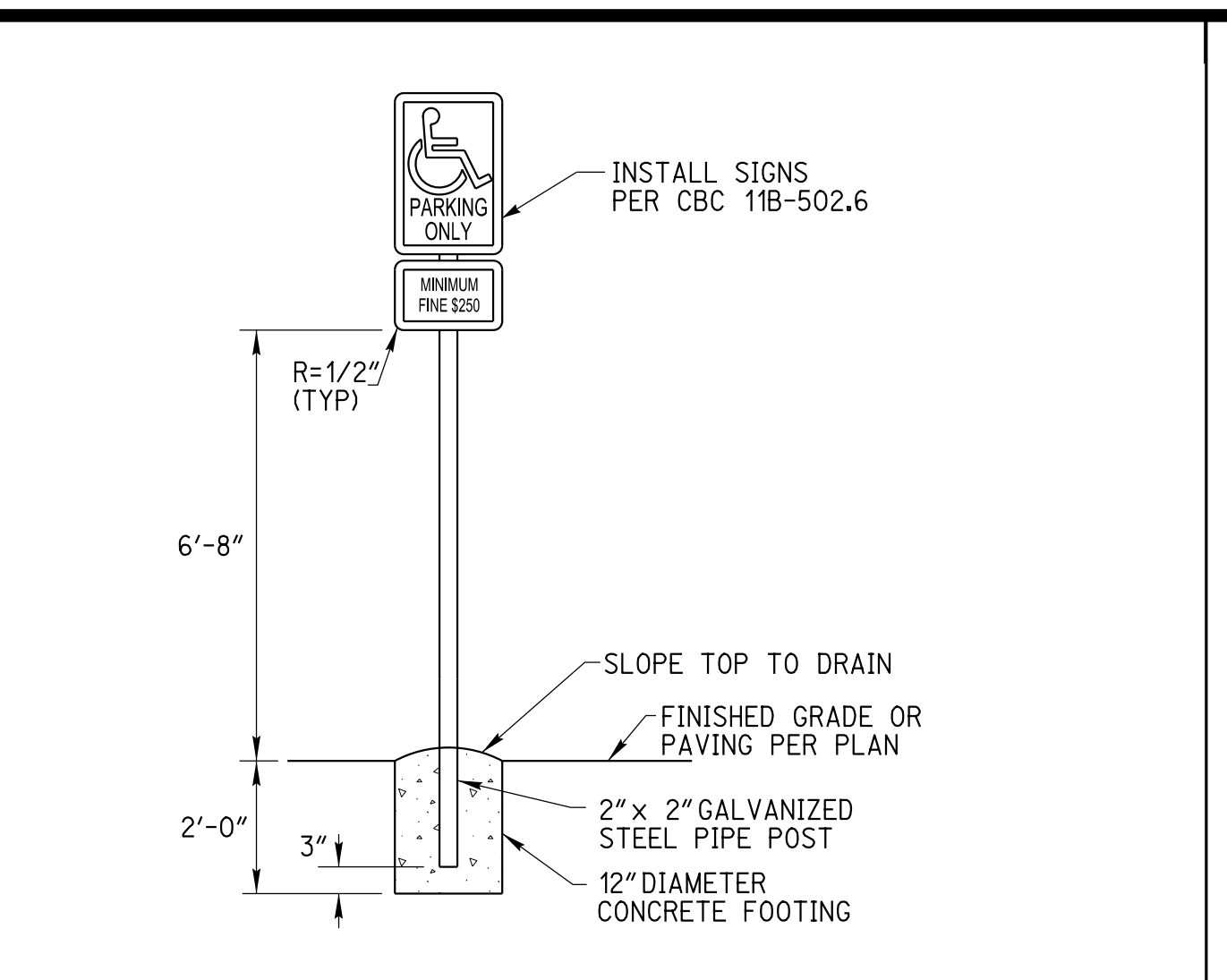
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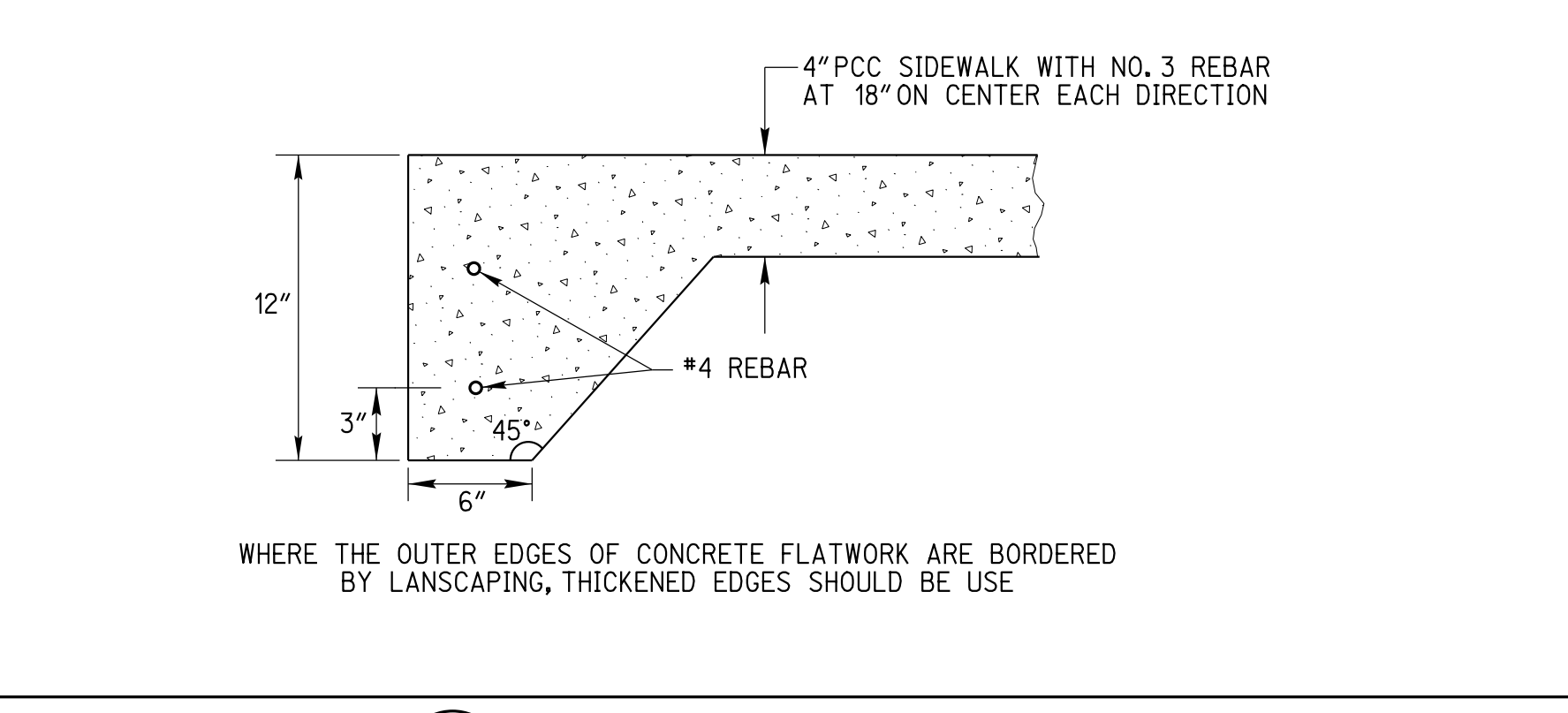
3 ACCESSIBLE PARKING STRIPING DETAIL (15)
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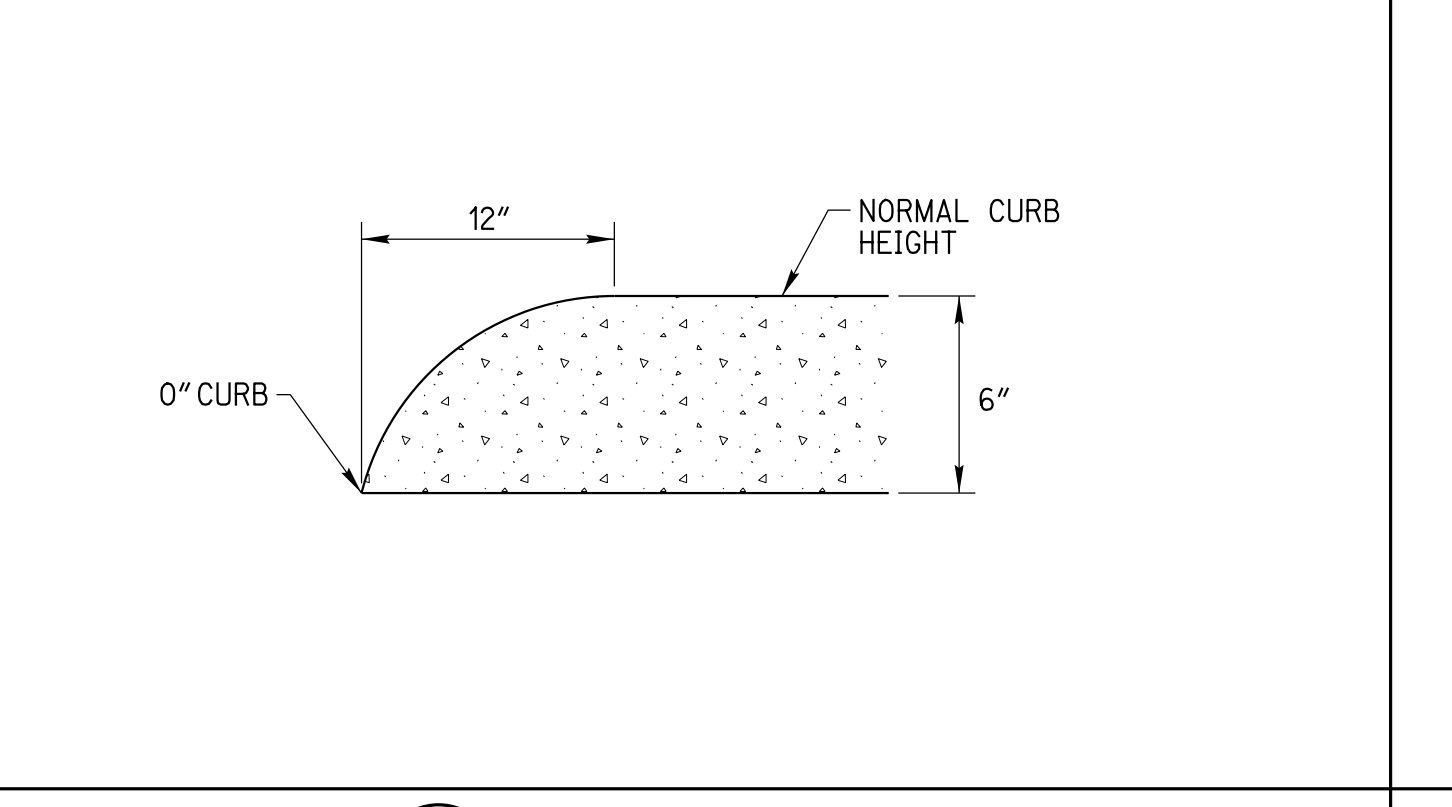
2 VAN ACCESSIBLE PARKING SIGNAGE DETAIL (18)
 2 NOT TO SCALE



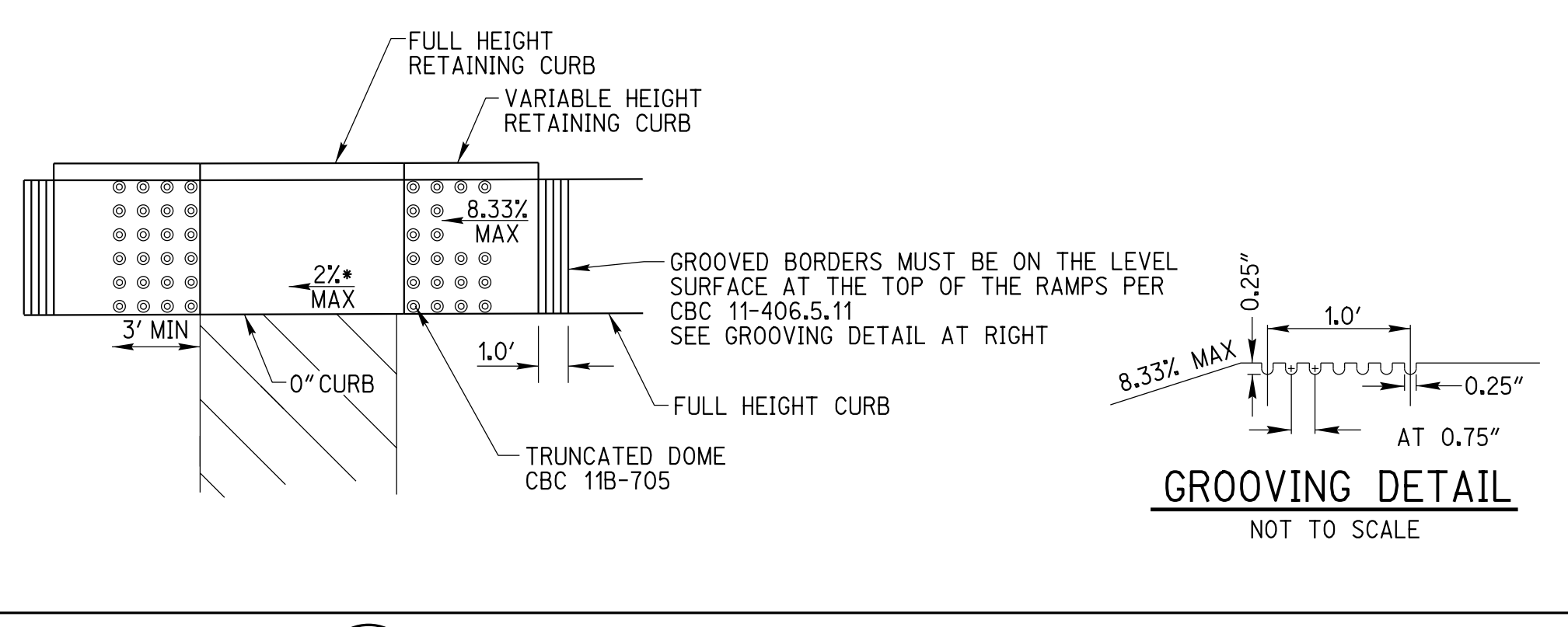
1 ACCESSIBLE PARKING SIGNAGE DETAIL (16)
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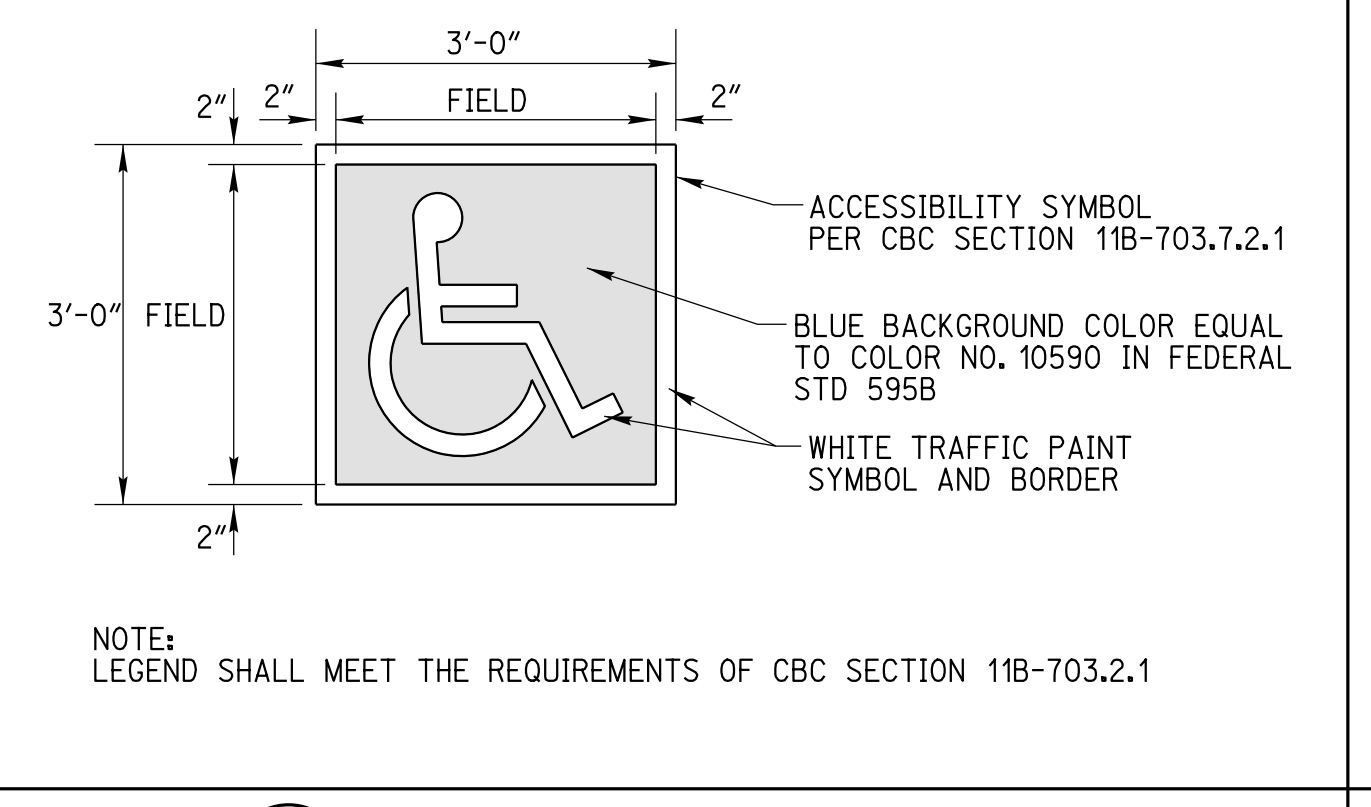
8 THICKENED EDGE DETAIL (4)
 2 NOT TO SCALE



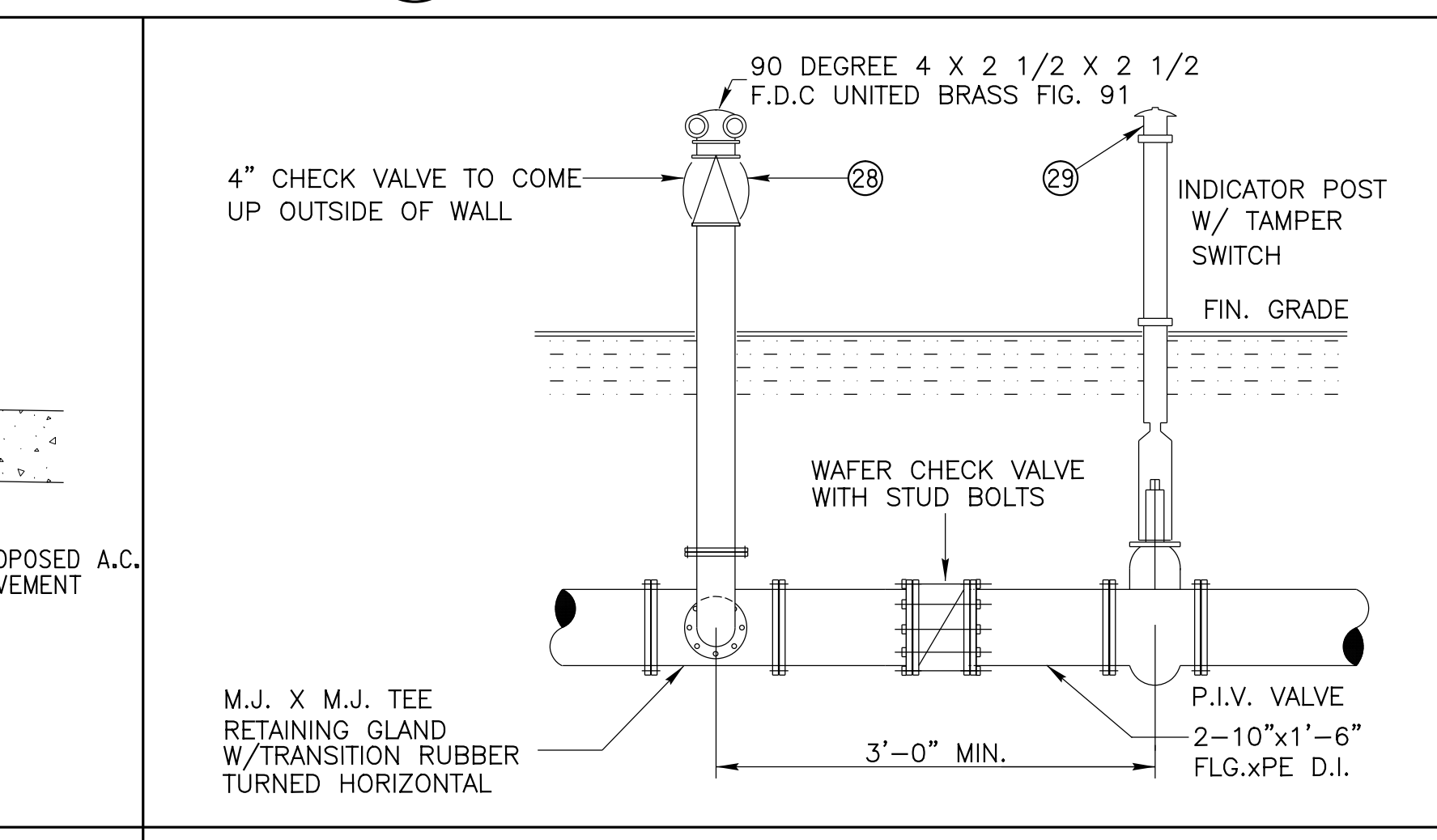
7 CURB END DETAIL (8)
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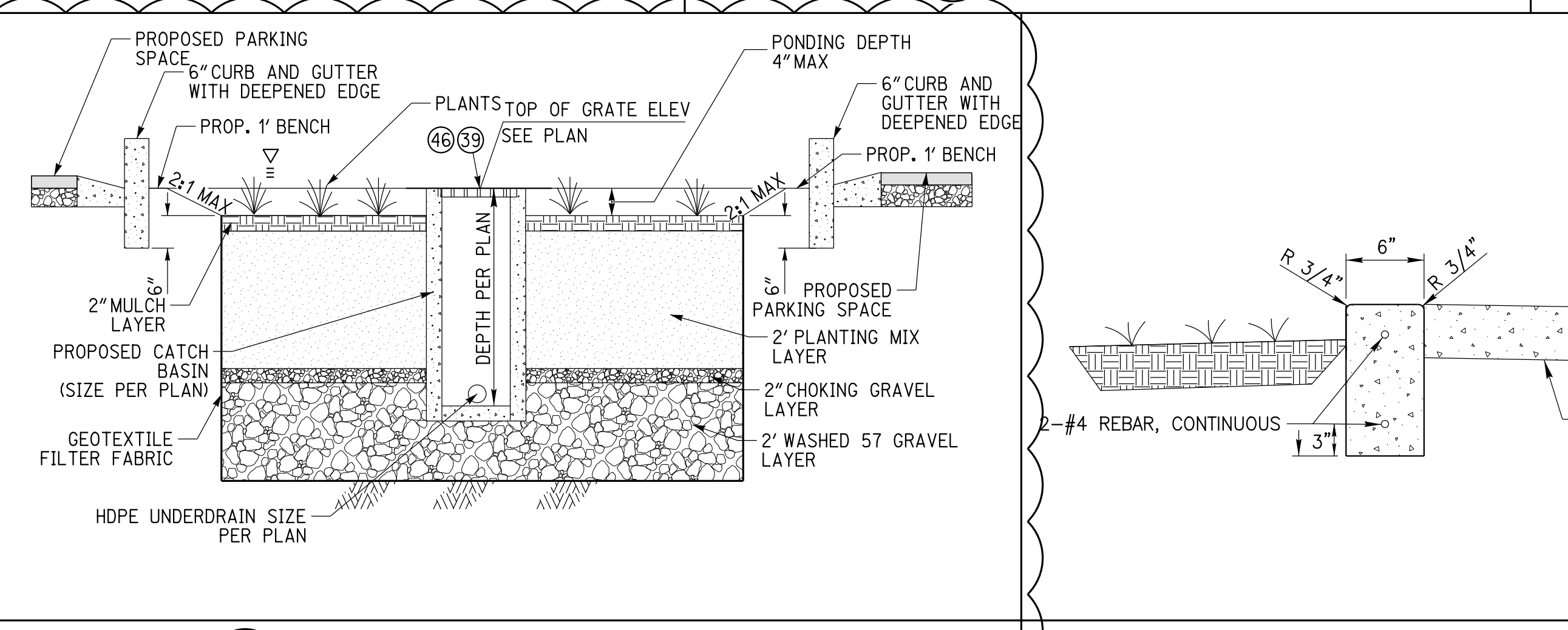
6 ACCESSIBLE CURB RAMP DETAIL (13)(14)
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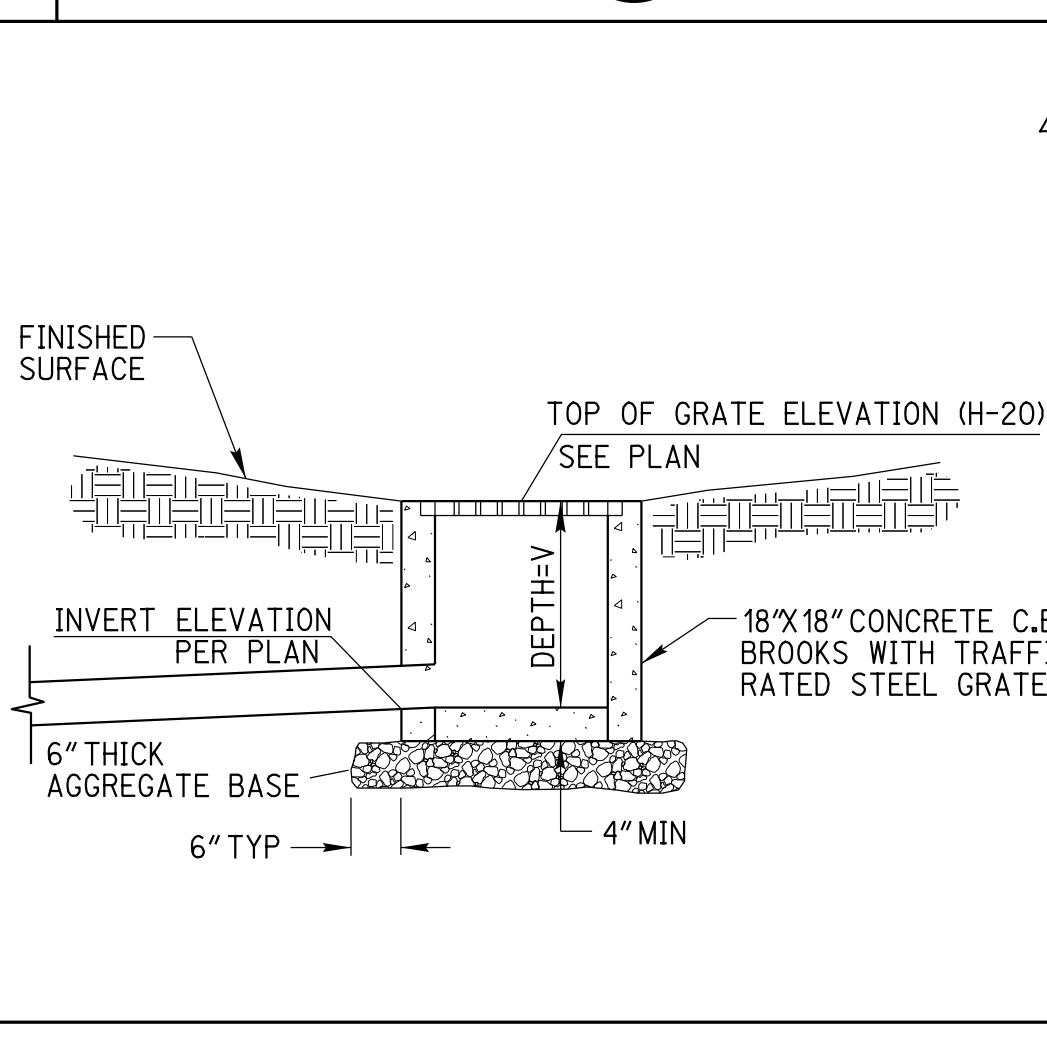
5 ISA PARKING SYMBOL DETAIL
 2 NOT TO SCALE



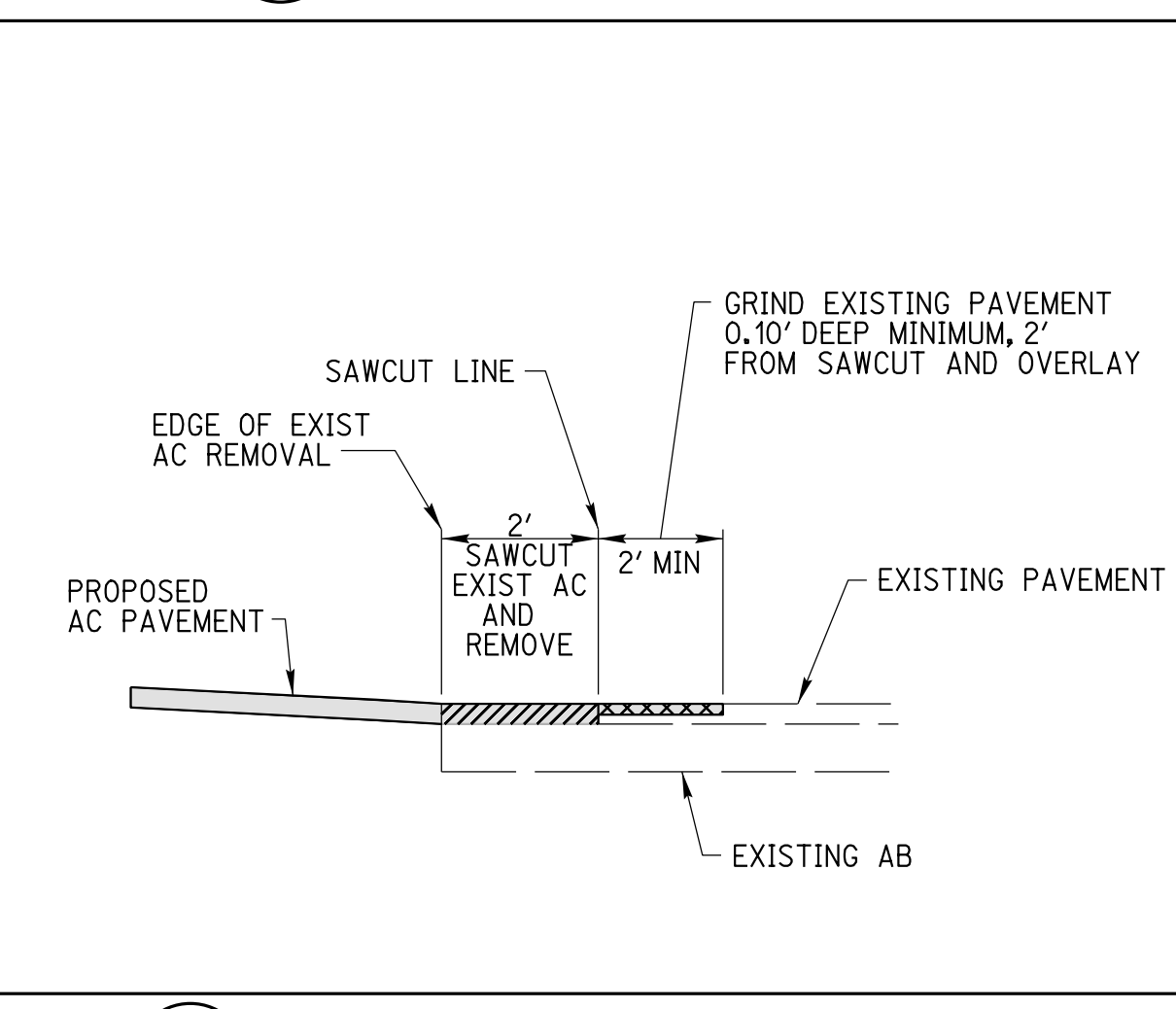
13 POST INDICATOR/FIRE DEPARTMENT CONNECTION
 2 NOT TO SCALE



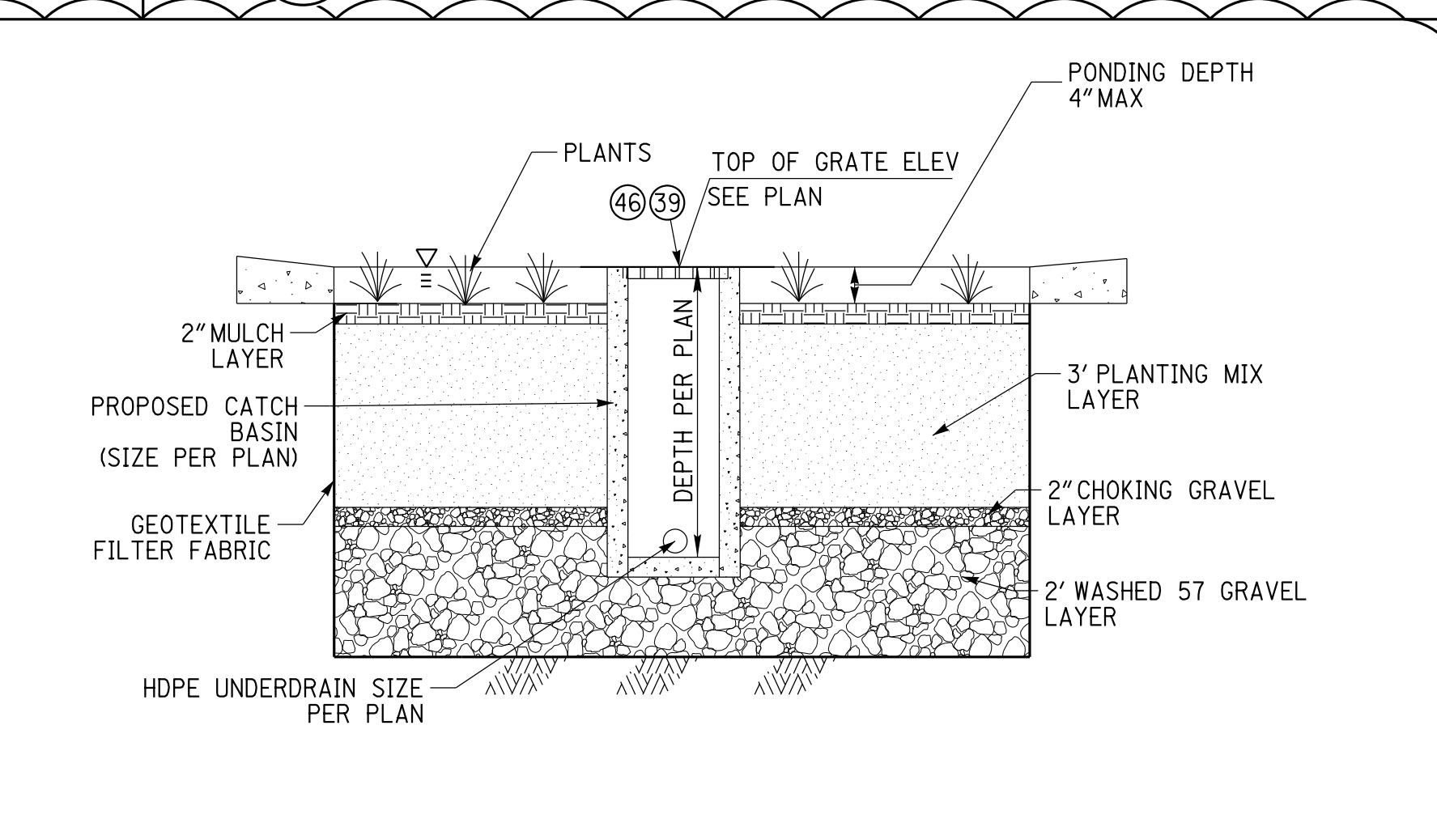
11 BIOINFILTRATION BASIN DETAIL (4)
 2 NOT TO SCALE



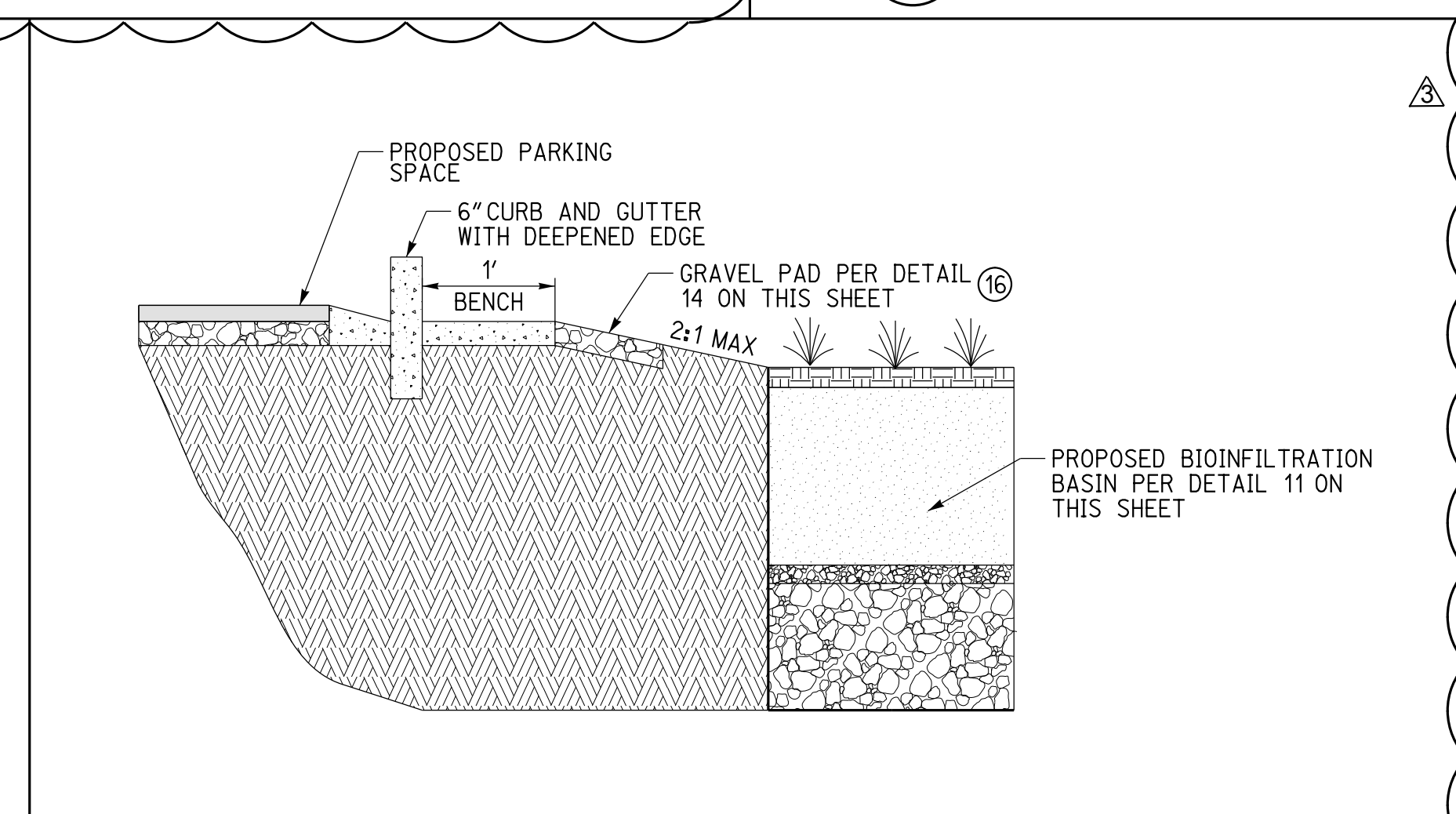
10 CATCH BASIN DROP INLET DETAIL (38)
 2 NOT TO SCALE



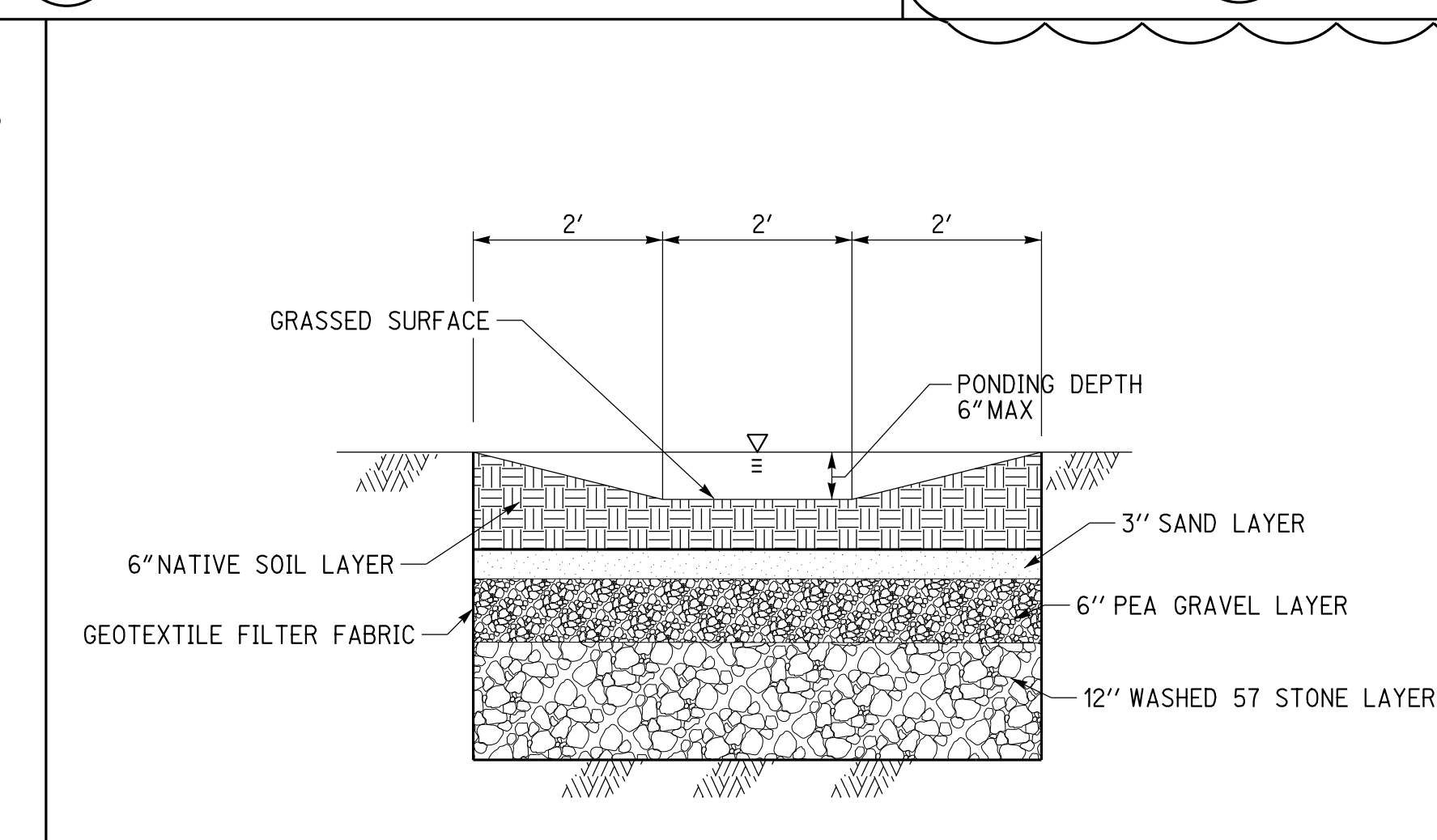
9 GRIND AND OVERLAY DETAIL (12)
 2 NOT TO SCALE



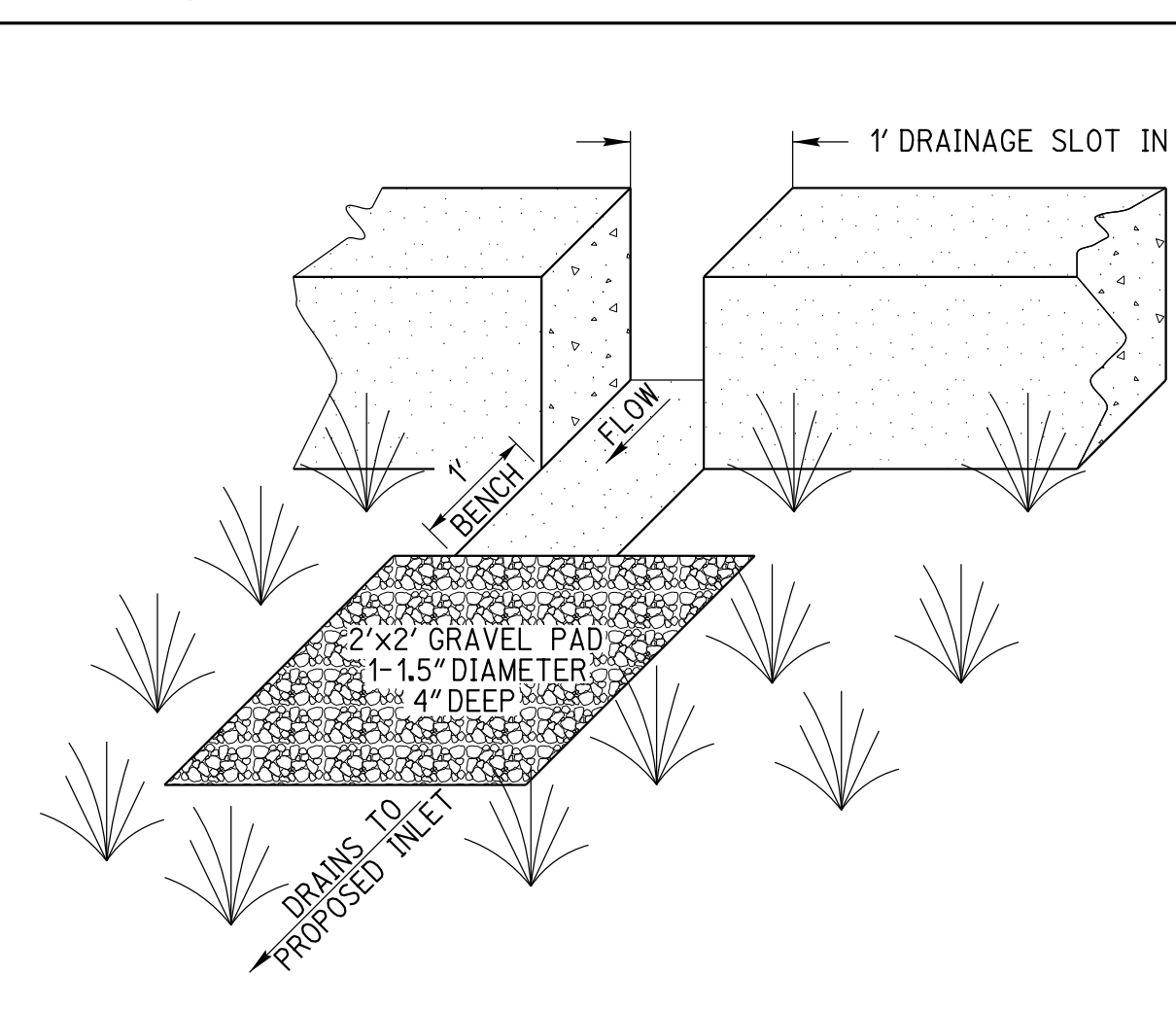
16 BIOINFILTRATION BASIN DETAIL (6)
 2 NOT TO SCALE



A SECTION A
 2 NOT TO SCALE



15 VEGETATED SWALE DETAIL (12)
 2 NOT TO SCALE



14 CURB CUT WITH GRAVEL PAD (16)
 2 NOT TO SCALE

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-04

SHEET TITLE:

DETAIL SHEET

RICK
 ENGINEERING COMPANY
 1770 IONA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 RICK@RICKENGINEERING.COM

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TYPICAL BACKFLOW PREVENTION DEVICE INSTALLATION (FOR 2" AND SMALLER WATER SERVICES)
 STANDARD PLAN 2002 PLATE 309
 SHEET 1 OF 1

STANDARD 1 1/2" - 2" COPPER SERVICE INSTALLATION
 STANDARD PLAN 2002 PLATE 304
 SHEET 1 OF 1

TYPICAL BARRICADES FOR FIRE HYDRANT
 STANDARD PLAN 2002 PLATE 301
 SHEET 1 OF 1

DETAILS FOR FIRE HYDRANT INSTALLATION
 STANDARD PLAN 2002 PLATE 300
 SHEET 1 OF 1

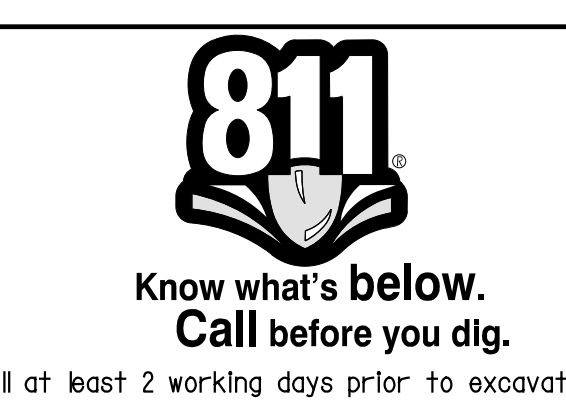
3" & LARGER WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 310
 SHEET 1 OF 1

3" & LARGER IRRIGATION WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 317
 SHEET 1 OF 1

2 1/2" & LARGER FIRE LINE INSTALLATION
 STANDARD PLAN 2002 PLATE 311
 SHEET 1 OF 2

3" & LARGER WATER SERVICE AND METER INSTALLATION
 STANDARD PLAN 2002 PLATE 310
 SHEET 1 OF 1

KEY	QUANTITY	DESCRIPTION
1	1	ROMAC STAINLESS STEEL TAPPING SLEEVE OR EQUAL
2	1	TAPPING VALVE (RESILIENT SEAT) WITH FLANGE & MECHANICAL JOINT
3	1	C 900 P.V.C. PIPE CLASS 200 OR DUCTILE IRON (4" MIN.)
4	2	90° ELBOW-FLANGED BY MECHANICAL JOINT
5	2	THREADED FLANGED SPOOL (DUCTILE IRON)
6	1	METER WITH STRAINER (Meter Type to be Approved by Water Division)
7	2	REDUCED PRESSURE BACKFLOW PREVENTER WITH GATE VALVES (U.S.C. APPROVED)
8	5	PIPE SUPPORT (SEE DETAIL)
9	1	CHRISTY G3 VALVE BOX
10	1	THREADED FLANGED SPOOL-5 DIAMETERS LONG (DUCTILE IRON)
11	1	1 1/2" BRONZE PIPE-FOR 3"-6" METER, 2" PIPE FOR 8" & LARGER METER
12	1	BY PASS SADDLE & CURB STOPS WITH LOCKS
13	1	GATE VALVE
14	2	90° ELBOW-FLANGED BY FLANGED



CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL

CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033

LEGEND

EXISTING ELECTRICAL BOX	☐
EXISTING ELECTRIC VAULT	⊠
EXISTING WATER METER	⊗
EXISTING LIGHT POLE	⊕
EXISTING GAS VALVE	⊙
EXISTING TELEPHONE MANHOLE	⊙
EXISTING SEWER MANHOLE	⊙
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING WATER VALVE	⊙
EXISTING POWER POLE	⊙
EXISTING GUY WIRE	—
EXISTING CHAIN LINK FENCE	—
CONTOUR (EXISTING)	—
PROJECT BOUNDARY	—
EXISTING CENTERLINE	—
EXISTING CURB AND GUTTER	—
EXISTING TREE	—
EXISTING EDGE OF PAVEMENT	—
EXISTING GAS MAIN	G
EXISTING WATER MAIN	W
EXISTING SEWER MAIN	S
EXISTING FH	DOE

DEMOLITION NOTES

ALL EXISTING FACILITIES WITHIN PUBLIC RIGHT-OF-WAY TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

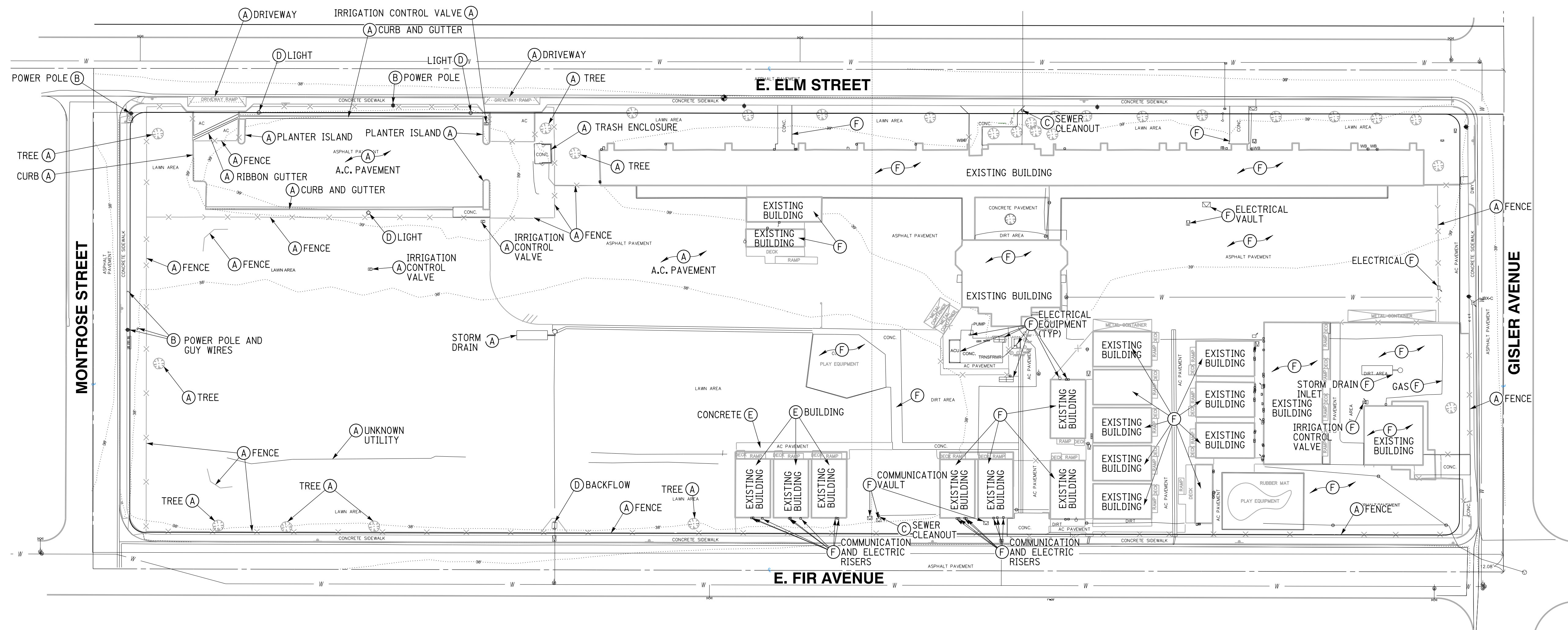
ALL EXISTING UNDERGROUND UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

DEMOLITION NOTES

EXISTING SCHOOL SITE TO REMAIN IN PLACE DURING CONSTRUCTION OF NEW SCHOOL SITE. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT FOR DEMOLITION PHASING OF EXISTING SCHOOL BUILDINGS.

CONSTRUCTION NOTES

- (A) EXISTING TO BE REMOVED
- (B) EXISTING TO BE PROTECTED IN PLACE
- (C) EXISTING TO BE ADJUSTED TO GRADE
- (D) EXISTING TO BE SALVAGED AND RELOCATED
- (E) MODULAR BUILDINGS TO BE RELOCATED
- (F) EXISTING FACILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION OF NEW SCHOOL TO BE REMOVED ONCE NEW SCHOOL IS COMPLETE



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

REVISIONS:	DESCRIPTION	DATE
▲	BULLETIN 3	5-12-2017
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=40'

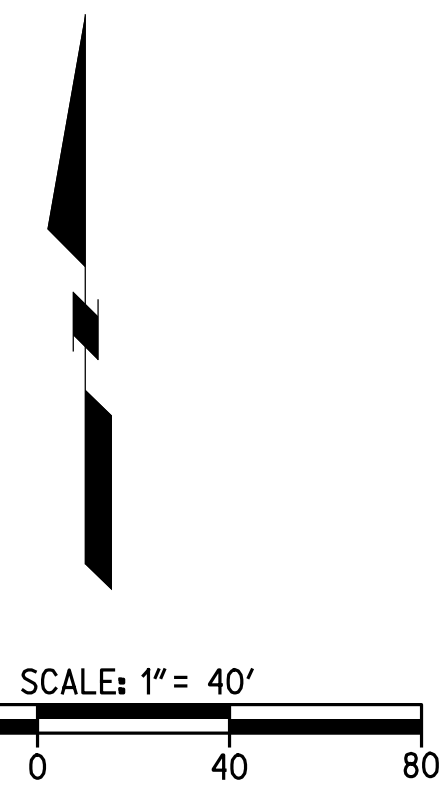
SHEET NUMBER: C-05

SHEET TITLE:

DEMOLITION PLAN

RICK ENGINEERING COMPANY
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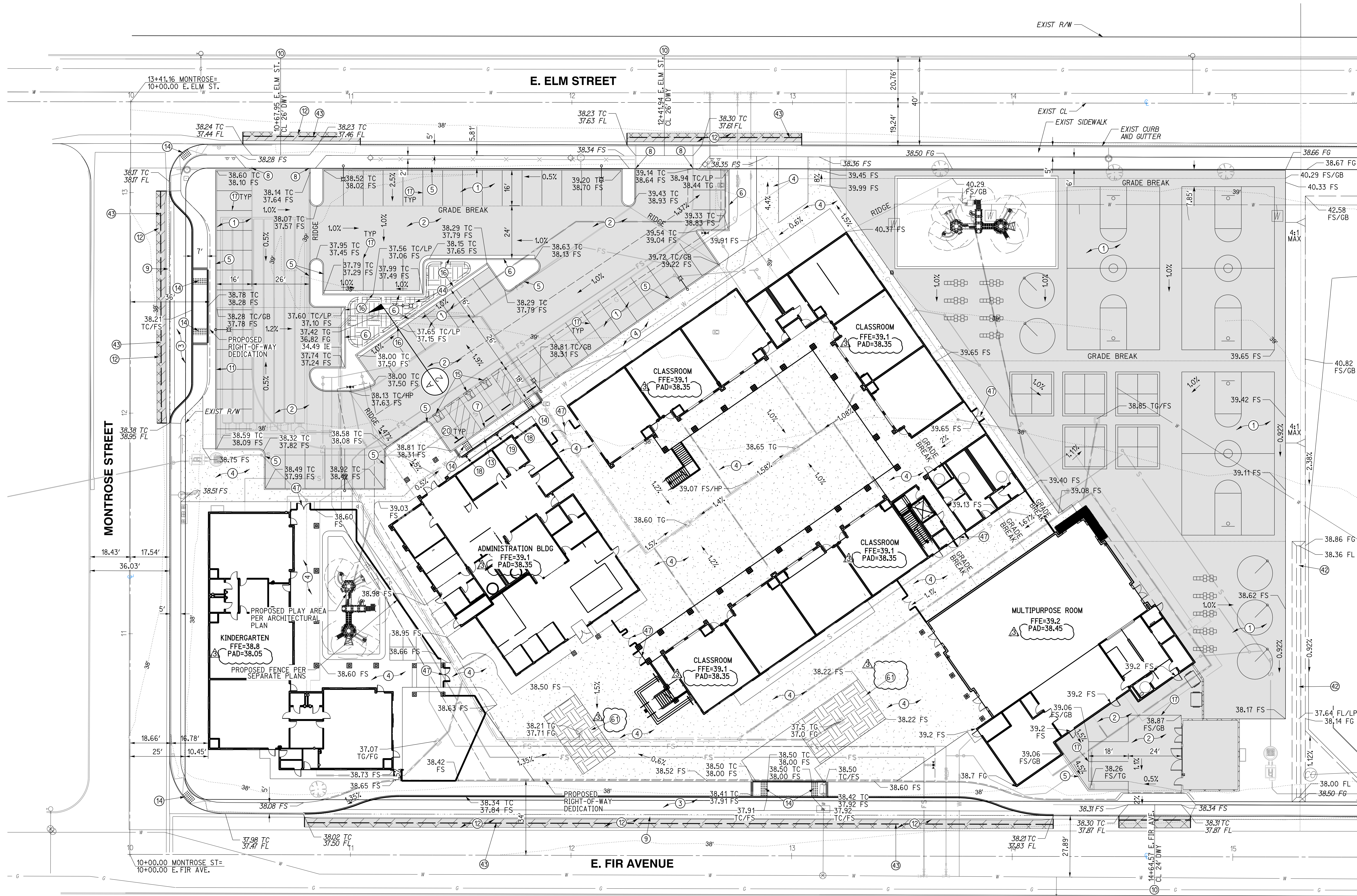
SVA ARCHITECTS
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811
Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

• SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

1) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	12) GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
2) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	13) CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
3) PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	14) INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
4) CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	15) APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
5) CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	16) CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
6) CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	17) APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
7) CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	18) INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
8) CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	19) INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
9) CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	20) INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
10) CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	42) CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
11) CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	43) SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 LF
		44) CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		47) INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		6) CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF

SEE SHEET NO. C-07



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DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-06**

SHEET TITLE:

PRECISE GRADING



RICK ENGINEERING COMPANY
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 rickeng@earthlink.net

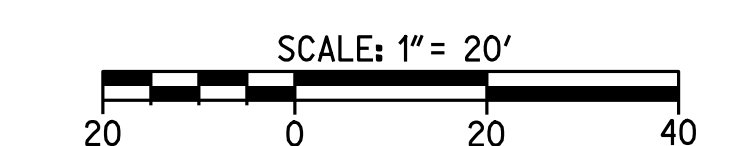


ARCHITECTS

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CAUTION:
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OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
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A# 03-116407
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DESCRIPTION	DATE
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DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'
 SHEET NUMBER: **C-08**
 SHEET TITLE:

UTILITY PLAN



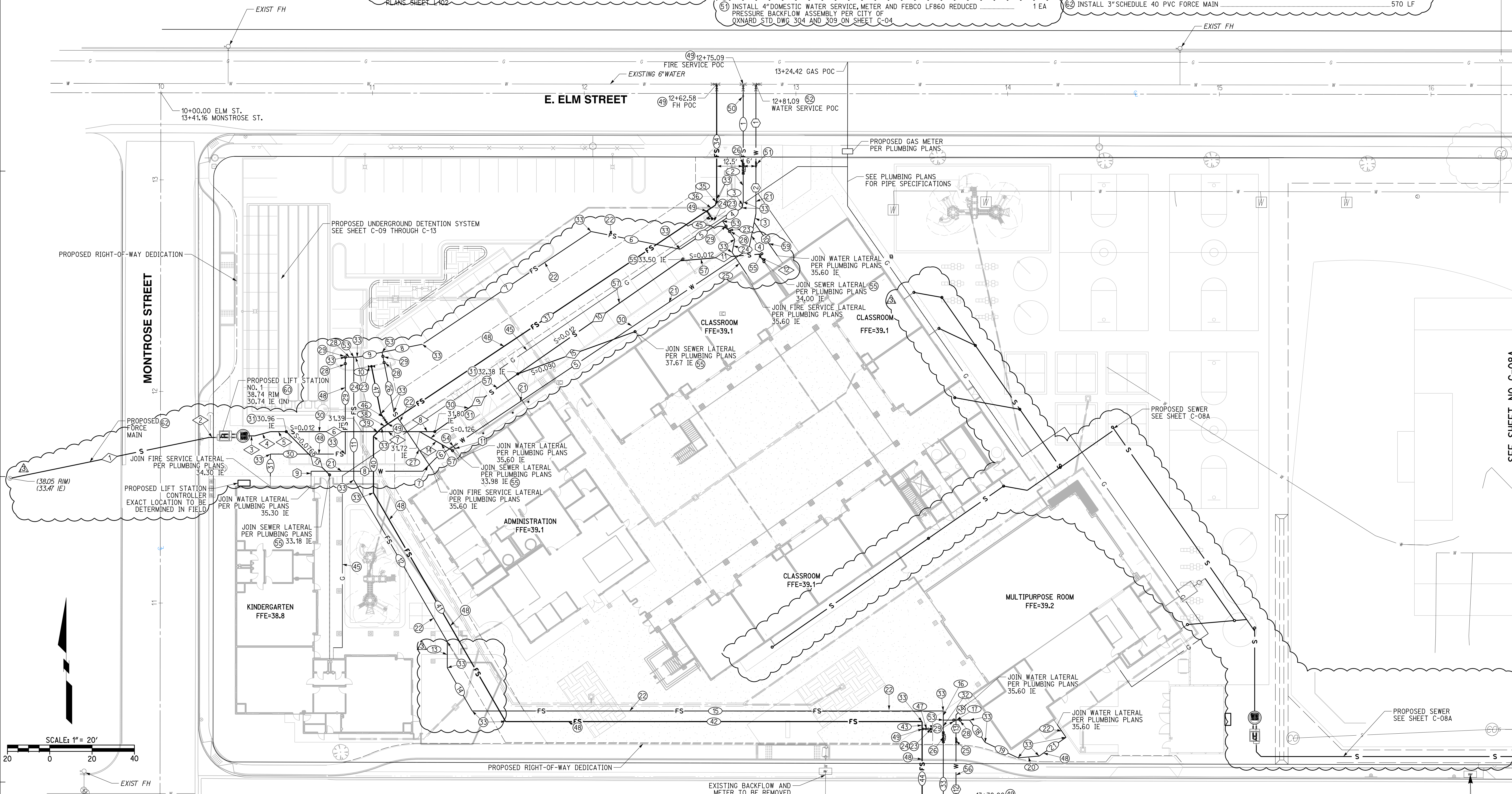
San Diego - Orange - San Luis Obispo
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 rickeng@rickeng.com



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

- | | | | | | |
|--|----------|---|--------|---|--------|
| 21 INSTALL 4" C-900 PVC WATER SERVICE | 250 LF | 28 INSTALL FIRE DEPARTMENT CONNECTIONS (FDC) PER NFPA 24 STANDARDS | 4 EA | 52 INSTALL 6"x6"x4" TEE | 1 EA |
| 22 INSTALL 8" C-900 PVC FIRE SERVICE WATER LINE | 1,000 LF | 29 INSTALL POST INDICATOR VALVE (PIV) PER NFPA 24 STANDARDS | 4 EA | 53 INSTALL 8"x8"x8" TEE | 5 EA |
| 23 INSTALL FIRE HYDRANT PER CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 30 INSTALL 6" SDR-35 PVC SEWER | 600 LF | 54 INSTALL 4"x4"x4" TEE | 1 EA |
| 24 INSTALL TYPICAL BARRICADES FOR FIRE HYDRANTS CITY OF OXNARD STD DWG PLATE 300 ON SHEET C-04 | 2 EA | 31 INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 13 EA | 55 INSTALL 4" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407 | 10 EA |
| 25 INSTALL 2.5" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 310 ON SHEET C-04 | 1 EA | 32 CONNECT TO EXISTING SEWER PER CITY OF OXNARD STD DWG PLATE 401 | 2 EA | 56 INSTALL 2.5" COPPER WATER SERVICE | 50 LF |
| 26 INSTALL FIRE LINE SERVICE PER CITY OF OXNARD STD DWG PLATE 311 | 2 EA | 33 INSTALL THRUST BLOCK PER CITY OF OXNARD STD DWG PLATE 320 | 30 EA | 57 INSTALL 4" SDR-35 PVC SEWER | 350 LF |
| 27 CONNECT PROPOSED 2" IRRIGATION WATER SERVICE TO EXISTING WATER METER AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER LANDSCAPE PLANS SHEET C-02 | 1 EA | 34 INSTALL GAS SERVICE BY OTHERS | 850 LF | 58 INSTALL 2" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 95 LF |
| | | 35 INSTALL 6" C-900 PVC FIRE SERVICE | 700 LF | 59 INSTALL 2.5" D2241/1B PVC WATER SERVICE OR APPROVED EQUAL | 25 LF |
| | | 36 INSTALL 6"x6"x6" TEE | 7 EA | 60 INSTALL ROMTEC UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL | 2 EA |
| | | 37 INSTALL 8" TO 6" REDUCER | 2 EA | 61 INSTALL 3" SCHEDULE 40 PVC FORCE MAIN | 570 LF |
| | | 38 INSTALL 4" DOMESTIC WATER SERVICE, METER AND FEBCO LF860 REDUCED PRESSURE BACKFLOW ASSEMBLY PER CITY OF OXNARD STD DWG 304 AND 309 ON SHEET C-04 | 1 EA | | |



WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		36.78'	4" C-900 PVC
2	N 0°00'00" E		24.45'	4" C-900 PVC
3	N 11°15'00" E		4.17'	4" C-900 PVC
4	N 11°15'00" E		12.77'	4" C-900 PVC
5	N 56°15'00" E		167.84'	4" C-900 PVC
6	N 56°15'00" E		9.85'	2" D2241/1B PVC
7	N 45°00'00" E		8.95'	2" D2241/1B PVC
8	N 90°00'00" W		52.75'	2" D2241/1B PVC
9	N 0°00'00" E		2.00'	2" D2241/1B PVC
10	N 34°49'35" W		19.14'	2" D2241/1B PVC
11	N 33°45'00" W		1.47'	2.5" D2241/1B PVC
12	N 0°00'00" E		44.04'	2.5" COPPER
13	N 0°00'00" E		13.11'	2.5" D2241/1B PVC
14	N 45°00'00" E		6.93'	2.5" D2241/1B PVC

SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 78°22'46" E		95.97'	3" SCH-40 PVC
2	N 90°00'00" W		3.00'	3" SCH-40 PVC
3	N 90°00'00" W		3.00'	6" SDR-35 PVC
4	N 75°00'00" E		7.73'	6" SDR-35 PVC
5	N 90°00'00" W		7.48'	6" SDR-35 PVC
6	N 90°00'00" W		35.66'	6" SDR-35 PVC
7	N 90°00'00" W		27.31'	6" SDR-35 PVC
8	N 90°00'00" W		7.16'	6" SDR-35 PVC
9	N 55°09'36" E		47.80'	6" SDR-35 PVC
10	N 55°09'36" E		93.53'	4" SDR-35 PVC
11	N 85°09'36" E		37.17'	4" SDR-35 PVC
12	N 34°50'24" W		3.83'	4" SDR-35 PVC
13	N 45°00'00" W		28.90'	4" SDR-35 PVC
14	N 34°50'24" W		17.97'	4" SDR-35 PVC
15	N 70°09'36" E		58.87'	4" SDR-35 PVC

FIRE SERVICE WATER DATA

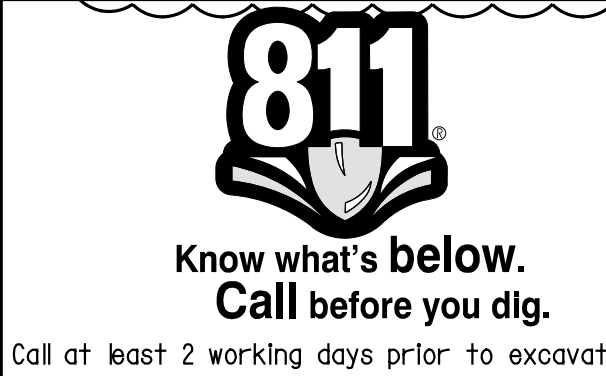
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'00" E		37.71'	8" C-900 PVC
2	N 0°00'00" E		17.86'	8" C-900 PVC
3	N 11°15'00" E		2.89'	8" C-900 PVC
4	N 56°15'00" W		11.09'	8" C-900 PVC
5	N 56°15'00" W		24.07'	8" C-900 PVC
6	N 78°45'00" W		42.89'	8" C-900 PVC
7	N 56°15'00" E		95.92'	8" C-900 PVC
8	N 78°45'00" E		19.35'	8" C-900 PVC
9	N 78°45'00" E		12.00'	8" C-900 PVC
10	N 90°00'00" W		1.59'	8" C-900 PVC
11	N 0°00'00" E		57.99'	8" C-900 PVC
12	N 30°00'00" W		88.31'	8" C-900 PVC
13	N 0°00'00" E		12.34'	8" C-900 PVC
14	N 30°00'00" W		23.56'	8" C-900 PVC
15	N 90°00'00" W		222.53'	8" C-900 PVC
16	N 0°00'00" E		4.31'	8" C-900 PVC
17	N 90°00'00" W		12.44'	8" C-900 PVC
18	N 34°50'24" W		12.88'	8" C-900 PVC
19	N 64°50'24" W		17.13'	8" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	N 85°09'36" E		10.02'	8" C-900 PVC
21	N 55°09'36" E		15.51'	8" C-900 PVC
22	N 34°50'24" W		7.21'	8" C-900 PVC
23	N 33°45'00" W		10.44'	8" C-900 PVC
24	N 11°15'00" E		6.35'	8" C-900 PVC
25	N 33°45'00" W		12.39'	8" C-900 PVC
26	N 11°15'00" W		28.91'	8" C-900 PVC
27	N 33°45'00" W		32.73'	8" C-900 PVC
28	N 90°00'00" W		4.00'	8" C-900 PVC
29	N 0°00'00" E		45.79'	8" C-900 PVC
30	N 90°00'00" W		35.41'	8" C-900 PVC
31	N 0°00'00" E		10.55'	8" C-900 PVC
32	N 0°00'00" E		5.90'	8" C-900 PVC
33	N 0°00'00" E		48.75'	8" C-900 PVC
34	N 0°00'00" E		54.29'	8" C-900 PVC
35	N 11°15'00" E		2.89'	6" C-900 PVC
36	N 56°15'00" E		4.91'	6" C-900 PVC
37	N 56°15'00" E		181.33'	6" C-900 PVC
38	N 56°15'00" E		3.41'	6" C-900 PVC

FIRE SERVICE WATER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
39	N 45°00'00" E		5.47'	6" C-900 PVC
40	N 0°00'00" E		26.75'	6" C-900 PVC
41	N 30°00'00" W		124.82'	6" C-900 PVC
42	N 90°00'00" W		196.75'	6" C-900 PVC
43	N 0°00'00" E		3.50'	6" C-900 PVC
44	N 0°00'00" E		50.40'	6" C-900 PVC
45	N 33°45'00" W		5.84'	6" C-900 PVC
46	N 33°45'00" W		5.77'	6" C-900 PVC
47	N 11°15'00" W		22.89'	6" C-900 PVC



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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DIVISION OF THE STATE ARCHITECT
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DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08A

SHEET TITLE:

UTILITY PLAN



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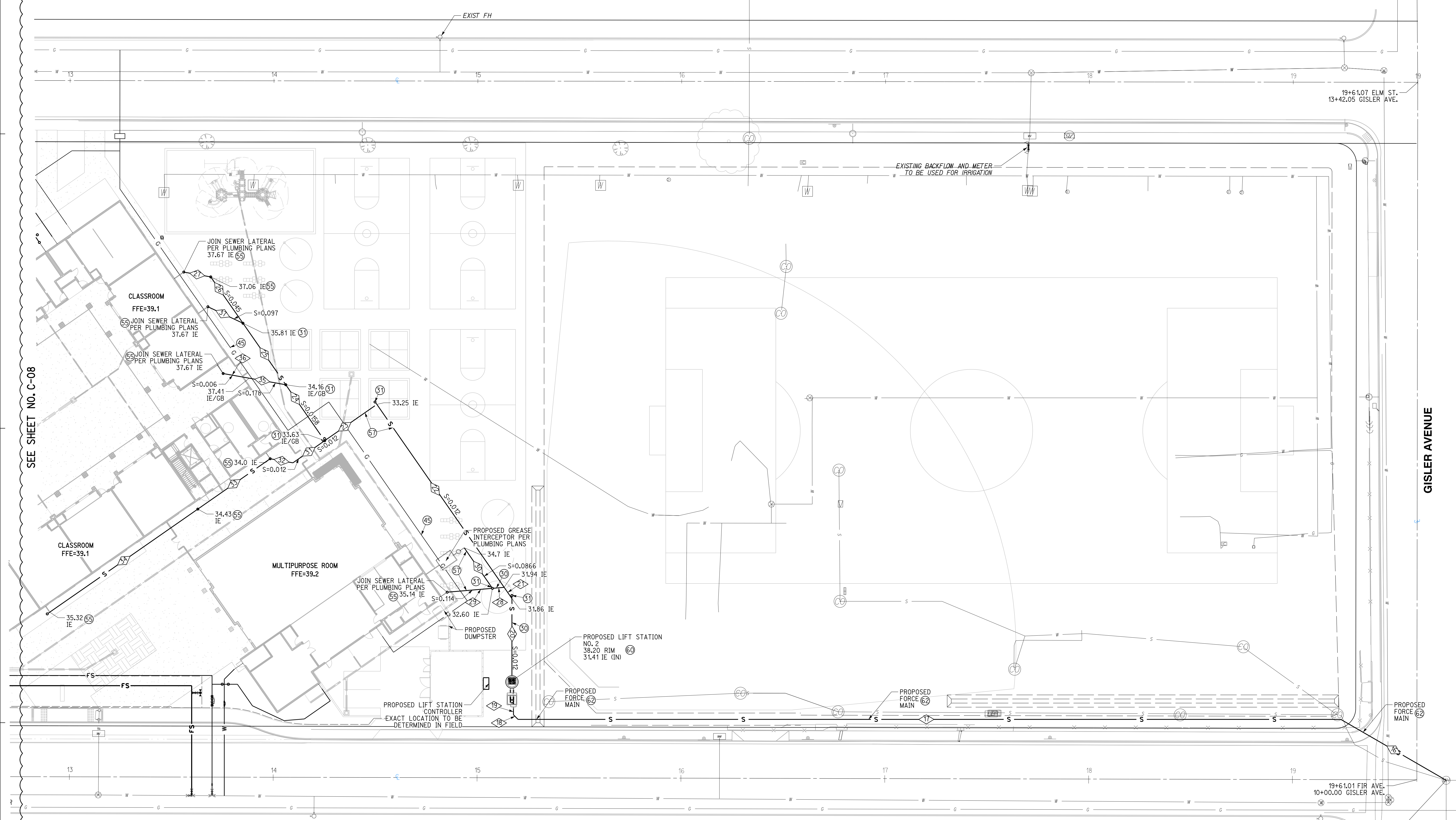
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UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

30	INSTALL 6" SDR-35 PVC SEWER	600 LF
31	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
45	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF

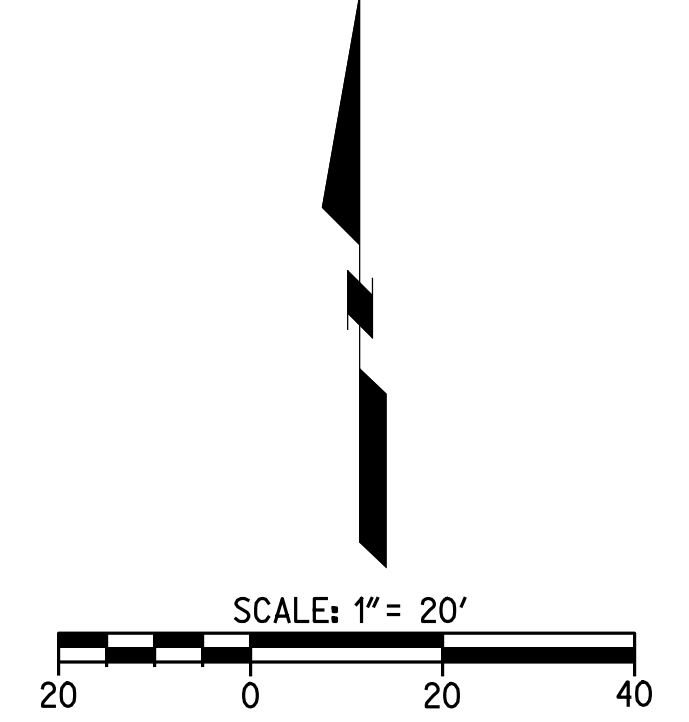


SEWER DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	3" SCH-40 PVC
17	N 90°00'00" W		403.58'	3" SCH-40 PVC
18	N 45°00'00" W		3.18'	3" SCH-40 PVC
19	N 0°00'00" E		3.00'	3" SCH-40 PVC
20	N 0°00'00" E		37.73'	6" SDR-35 PVC
21	N 34°50'27" W		6.69'	6" SDR-35 PVC
22	N 34°50'27" W		109.32'	6" SDR-35 PVC
23	N 55°09'36" E		31.17'	6" SDR-35 PVC
24	N 34°50'27" W		33.43'	6" SDR-35 PVC
25	N 34°50'27" W		36.76'	6" SDR-35 PVC

SEWER DATA CONTINUED				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'26" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 55°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC

Know what's below.
Call before you dig.
Call at least 2 working days prior to excavating.

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: NONE

SHEET NUMBER: C-08B

SHEET TITLE:

LIFT STATION DETAILS

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 RICK@RICKENGINEERING.COM

SVA
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 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM
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PROJECT INFO
 Job Name: Montrose
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Water Station
 Water Type: Wastewater

PACKAGE/STARTUP
 Offering: Complete System
 Mechanical: Complete System
 Control Panel: Control Panel
 Startup: Startup

WELL SUMMARY
 Material: Concrete
 Diameter: 5 Feet
 Barrel: 7 Feet
 Inside Height: 10.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: 3" PVC SCH80
 Disch. Piping Type: Straight Through
 Disch. Piping Valve: Unlined

WELL TOP
 Traffic Rating: H-20 Occasional
 Hatch Options: Vent (Cast in top slab)
 Vent Options: Vent (Cast in top slab)

WELL BASE
 Base: Flat ramp (w/ gravel ring)
 Lining: No Lining

CRANE
 Crane: N/A
 Base/Winch: N/A

FORCE MAIN
 ID/Length: 3" / 402'
 Type/Rating: PVC SCH80
 FM High Point: 33.47'

DUTY POINT
 Pumping Rate: 230 GPM (Total)
 Sump Head: 5.77 Feet
 TDH: 32.8 Feet

PRIMARY PUMPS
 Manufacturer: Duplex Configuration
 Model: 800VBFU62.2
 Impeller Model/Size: 5.62" / 5.62"
 Motor HP: 3 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 33'
 Mix Flush Valve: N/A

ROCKET PUMP
 Manufacturer: N/A
 Model: 0
 Impeller Model/Size: 0 / 0
 Motor HP: 0
 Voltage/Phase: 0 / 0
 Cable Length: 0
 Mix Flush Valve: 0

VALVE VAULT
 Valve Size: 8" Model 506 (H-20)
 Hatch: H-20 Std
 Pressure Gauge: N/A
 Check Options: Plain
 Shut Off Options: Plug
 Direct Op Nut: N/A
 Options: N/A
 Options: N/A
 Options: N/A

CONTROL PANEL
 Power: 480V / 3-Phase
 Controller: N/A
 Primary Sensor: 4 Beams
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep
 Audible Alarm: Audible Alarm

GENERATOR
 Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0
 Options: 0
 Options: 0
 Type: N/A
 Size: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
33.33	0.00	Invert
29.24	0.00	HL Alarm
28.50	0.25	Log Start
28.49	0.50	Log Start
28.49	1.75	Lead Start
26.74	2.00	Pump Stop
24.74	2.00	Sump Floor

METER VAULT
 Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Check Options: 0
 Shut Off Options: 0
 Options: 0
 Options: 0
 Options: 0
 Flow Meter: 0

Montrose - PRELIMINARY DESIGN.dwg

PROJECT INFO
 Job Name: Elm
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Water Station
 Water Type: Wastewater

PACKAGE/STARTUP
 Offering: Complete System
 Mechanical: Complete System
 Control Panel: Control Panel
 Startup: Startup

WELL SUMMARY
 Material: Concrete
 Diameter: 5 Feet
 Barrel: 7 Feet
 Inside Height: 10.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: 3" PVC SCH80
 Disch. Piping Type: Straight Through
 Disch. Piping Valve: Unlined

WELL TOP
 Traffic Rating: H-20 Occasional
 Hatch Options: Vent (Cast in top slab)
 Vent Options: Vent (Cast in top slab)

WELL BASE
 Base: Flat ramp (w/ gravel ring)
 Lining: No Lining

CRANE
 Crane: N/A
 Base/Winch: N/A

FORCE MAIN
 ID/Length: 3" / 480'
 Type/Rating: PVC SCH80
 FM High Point: 34.97'

DUTY POINT
 Pumping Rate: 230 GPM (Total)
 Sump Head: 5.77 Feet
 TDH: 29.8 Feet

PRIMARY PUMPS
 Manufacturer: Duplex Configuration
 Model: 800VBFU62.2
 Impeller Model/Size: 5.62" / 5.62"
 Motor HP: 3 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 33'
 Mix Flush Valve: N/A

ROCKET PUMP
 Manufacturer: N/A
 Model: 0
 Impeller Model/Size: 0 / 0
 Motor HP: 0
 Voltage/Phase: 0 / 0
 Cable Length: 0
 Mix Flush Valve: 0

VALVE VAULT
 Valve Size: 8" Model 506 (H-20)
 Hatch: H-20 Std
 Pressure Gauge: N/A
 Check Options: Plain
 Shut Off Options: Plug
 Direct Op Nut: N/A
 Options: N/A
 Options: N/A
 Options: N/A

CONTROL PANEL
 Power: 480V / 3-Phase
 Controller: N/A
 Primary Sensor: 4 Beams
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep
 Audible Alarm: Audible Alarm

GENERATOR
 Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0
 Options: 0
 Options: 0
 Type: N/A
 Size: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
33.33	0.00	Invert
31.20	0.00	HL Alarm
30.95	0.25	Log Start
30.95	0.50	Log Start
30.45	1.25	Lead Start
29.20	2.00	Pump Stop
27.20	2.00	Sump Floor

METER VAULT
 Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Check Options: 0
 Shut Off Options: 0
 Options: 0
 Options: 0
 Options: 0
 Flow Meter: 0

Elm - PRELIMINARY DESIGN.dwg

Ebara Pump Performance Datasheet
 Ebara QStation System 17.1.4.0

Customer Reference: Romtec Utilities, Montrose

Item number: 800VBFU62.2
 Service: 1
 Quantity: 1
 Quote number: DV-C607-9204
 Operating Conditions: Based on curve number: 18 Apr 2017 2:54 PM

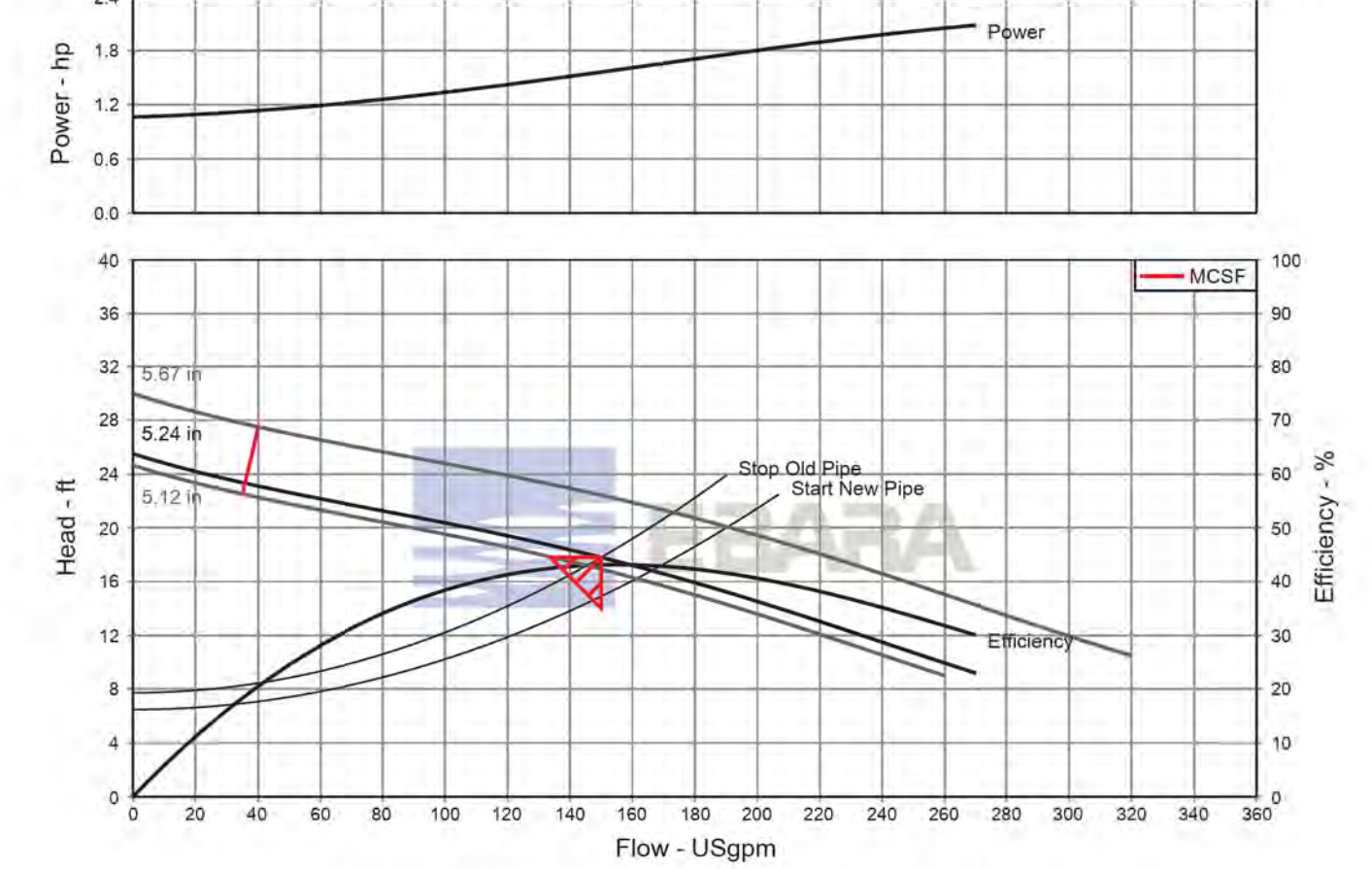
Flow, rated: 150.0 USgpm
 Differential head / pressure, rated (requested): 17.80 ft
 Differential head / pressure, rated (actual): 18.26 ft
 Suction pressure, rated / max: 0.00 / 0.00 psi g
 NPSH available, rated: Ample
 Frequency: 60 Hz
 Performance: Speed, rated: 1740 rpm
 Impeller diameter, rated: 5.24 in
 Impeller diameter, maximum: 5.67 in
 Impeller diameter, minimum: 5.12 in
 Efficiency: 45.10 %
 NPSH required / margin required: < 0.00 ft
 N/A (imp. eye flow) / N/A (imp. eye flow)
 Head, maximum, rated diameter: 25.51 ft
 Head rise to shutoff: 43.29 ft
 Flow, best eff. point: 155.1 USgpm
 Flow ratio, rated / BEP: 96.71 %
 Diameter ratio (rated / max): 92.36 %
 Head ratio (rated dia / max dia): 79.26 %
 Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
 Selection status: Acceptable

Product Description: 800VBFU62.2
 Stages: 1
 Based on curve number: DV-C607-9204
 Date last saved: 18 Apr 2017 2:54 PM

Liquid type: Water
 Additional liquid description: Solids diameter, max: 0.00 in
 Solids concentration, by volume: 0.00 %
 Temperature, max: 68.00 deg F
 Fluid density, rated / max: 1.000 / 1.000 SG
 Viscosity, rated: 1.00 cP
 Vapor pressure, rated: 0.00 psi a
 Material selected: Cast Iron

Pressure Data
 Maximum working pressure: 11.04 psi g
 Maximum allowable working pressure: N/A
 Maximum allowable suction pressure: N/A
 Hydrostatic test pressure: N/A

Driver & Power Data (G/Max density)
 Driver sizing specification: Rated power
 Margin over specification: 0.00 %
 Service factor: 1.00
 Power, hydraulic: 0.67 hp
 Power, rated: 1.56 hp
 Power, maximum, rated diameter: 2.09 hp
 Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 1

Ebara Pump Performance Datasheet
 Ebara QStation System 17.1.4.0

Customer Reference: Romtec Utilities, Elm

Item number: 800VBFU62.2
 Service: 1
 Quantity: 1
 Quote number: DV-C607-9204
 Operating Conditions: Based on curve number: 18 Apr 2017 2:07 PM

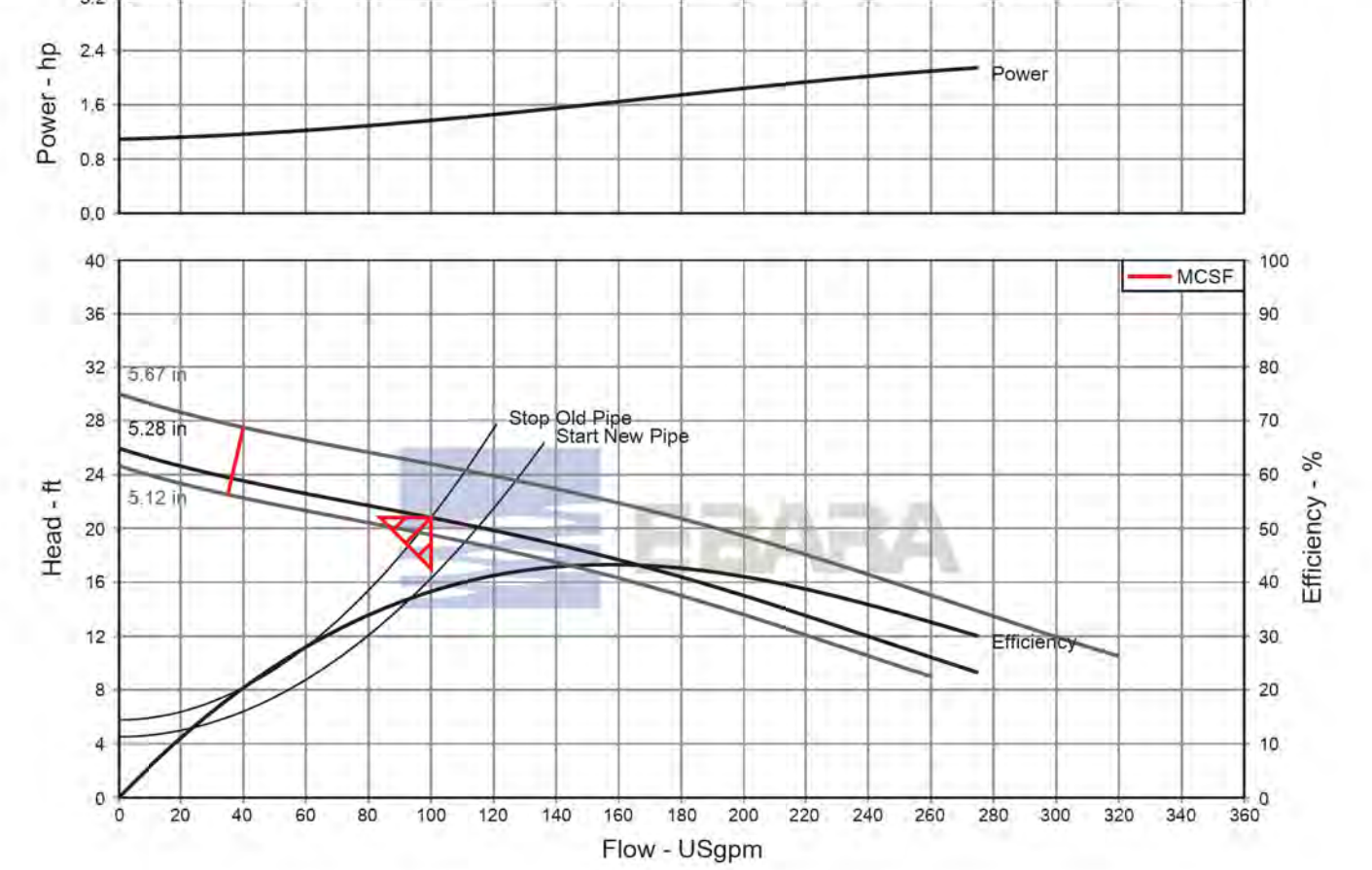
Flow, rated: 100.0 USgpm
 Differential head / pressure, rated (requested): 20.80 ft
 Differential head / pressure, rated (actual): 20.97 ft
 Suction pressure, rated / max: 0.00 / 0.00 psi g
 NPSH available, rated: Ample
 Frequency: 60 Hz
 Performance: Speed, rated: 1740 rpm
 Impeller diameter, rated: 5.28 in
 Impeller diameter, maximum: 5.67 in
 Impeller diameter, minimum: 5.12 in
 Efficiency: 38.30 %
 NPSH required / margin required: < 0.00 ft
 N/A (imp. eye flow) / N/A (imp. eye flow)
 Head, maximum, rated diameter: 25.95 ft
 Head rise to shutoff: 24.74 ft
 Flow, best eff. point: 157.3 USgpm
 Flow ratio, rated / BEP: 63.58 %
 Diameter ratio (rated / max): 93.06 %
 Head ratio (rated dia / max dia): 83.91 %
 Cp/Cv/Ce/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
 Selection status: Acceptable

Product Description: 800VBFU62.2
 Stages: 1
 Based on curve number: DV-C607-9204
 Date last saved: 18 Apr 2017 2:07 PM

Liquid type: Water
 Additional liquid description: Solids diameter, max: 0.00 in
 Solids concentration, by volume: 0.00 %
 Temperature, max: 68.00 deg F
 Fluid density, rated / max: 1.000 / 1.000 SG
 Viscosity, rated: 1.00 cP
 Vapor pressure, rated: 0.00 psi a
 Material selected: Cast Iron

Pressure Data
 Maximum working pressure: 11.23 psi g
 Maximum allowable working pressure: N/A
 Maximum allowable suction pressure: N/A
 Hydrostatic test pressure: N/A

Driver & Power Data (G/Max density)
 Driver sizing specification: Rated power
 Margin over specification: 0.00 %
 Service factor: 1.00
 Power, hydraulic: 0.53 hp
 Power, rated: 1.37 hp
 Power, maximum, rated diameter: 2.15 hp
 Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 2



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

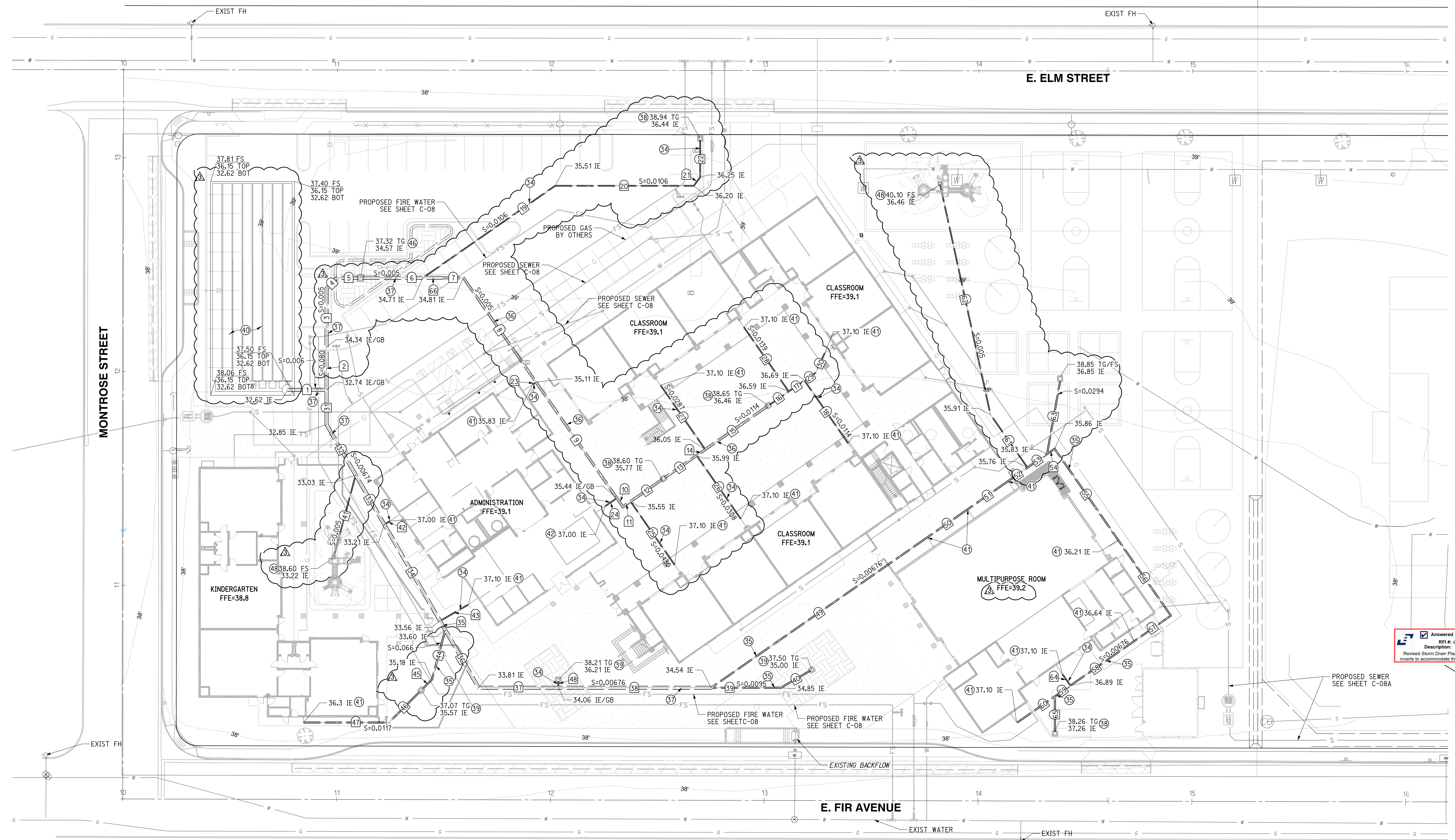
SHEET NUMBER: **C-09**

SHEET TITLE: **STORM DRAIN PLAN**



STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	39	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	42	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

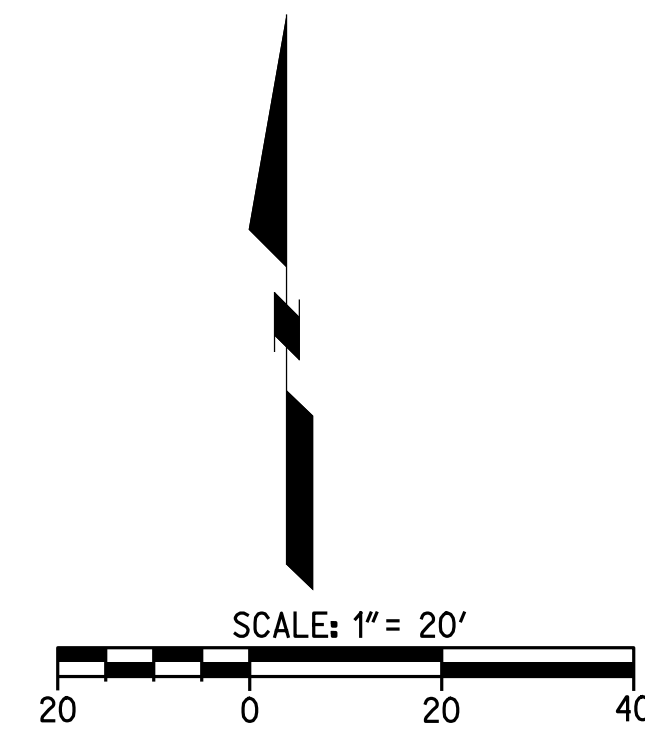


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

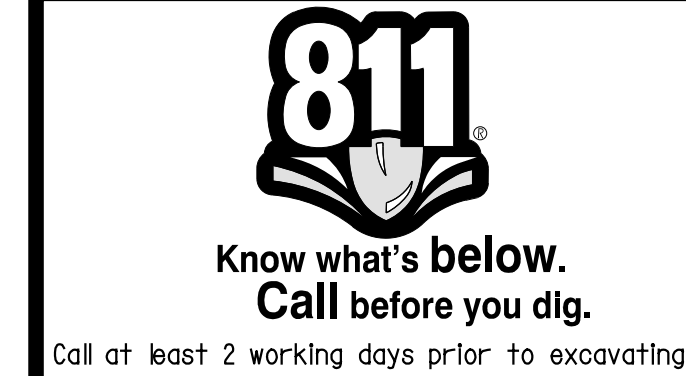
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.63'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 55°09'36" E		6.28'	6" HDPE
29	N 25°09'36" E		10.21'	6" HDPE
30	N 0°00'00" E		16.22'	6" HDPE
31	N 30°00'00" W		27.24'	18" HDPE
32	N 30°00'00" W		26.70'	18" HDPE
33	N 30°00'00" W		52.16'	18" HDPE
34	N 30°00'00" W		4.90'	18" HDPE
35	N 30°00'00" W		31.20'	18" HDPE
36	N 90°00'00" W		37.32'	18" HDPE
37	N 90°00'00" W		71.44'	18" HDPE
38	N 90°00'00" W		32.53'	8" HDPE
39	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407
 AC FLS SS
 DATE

REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

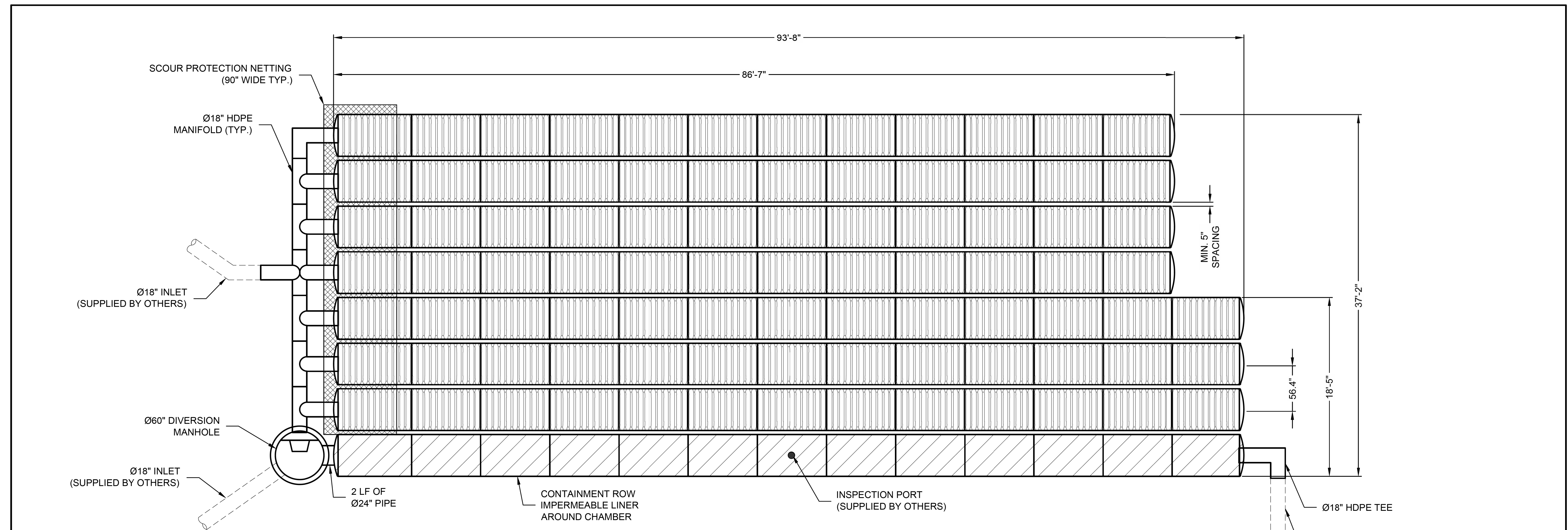
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE

SHEET NUMBER: C-10
 SHEET TITLE:

STORM DRAIN DETAILS

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

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 T 949.809.3380 WWW.SVA-ARCHITECTS.COM
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ASSEMBLY
 SCALE: 1" = 10'
 CHAMBER VOLUME: 4,948 C.F.
 STONE VOID VOLUME: 3,152 C.F.
 TOTAL VOLUME: 8,101 C.F.
 LOADING: HS20/HS25

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
1	CHAMBERMAXX START CHAMBER	APCM 003.3051.001	8	EA
2	CHAMBERMAXX MIDDLE CHAMBER	APCM 003.3051.002	84	EA
3	CHAMBERMAXX END CHAMBER	APCM 003.3051.003	8	EA
4	CONTECH C-40 NON-WOVEN GEOTEXTILE 12.5 FT X 360 FT	APCM 007.0125.001	2	ROLL
5	SCOUR PROTECTION NETTING, 7.5 FT WIDE	APCM 007.0075.001	1 @ 34'	QTY @ LF
6	Ø18" HDPE TEE	APCM 001.0018.001	5	EA
7	Ø18" 90 DEGREE HDPE ELBOW	APCM 001.0018.002	2	EA
8	Ø18" HDPE CROSS OVER	APCM 001.0018.004	1	EA

ITEM NUMBER	ITEM DESCRIPTION	CCP PART NUMBER	QTY	UNITS
9	Ø18" MARMAC COUPLER	APCM 001.0018.003	8	EA
10	CONTAINMENT ROW LINER, 150 FT x 15 FT	APCM 007.0015.150	1	ROLL
11	CONTAINMENT ROW 24" HDPE CONNECTOR PIPE	APCM 001.0024.004	1 @ 2'	QTY @ LF
12	DIVERSION MH DRAIN DOWN ORIFICE COVER	APCM 003.0221.000	1	EA
13	DIVERSION MANHOLE WITH WEIR AND ORIFICE	APCM 100.0048.001	1	EA
14	INSTALLATION GUIDE	N/A	1	EA

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CHAMBERMaxx®
 PATENT PENDING

CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No.: 512582	SEQ. No.: 010	DATE: 11/19/2014
DESIGNED: CDH	DRAWN: FCS	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 4		

811
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: **C-11**
 SHEET TITLE:

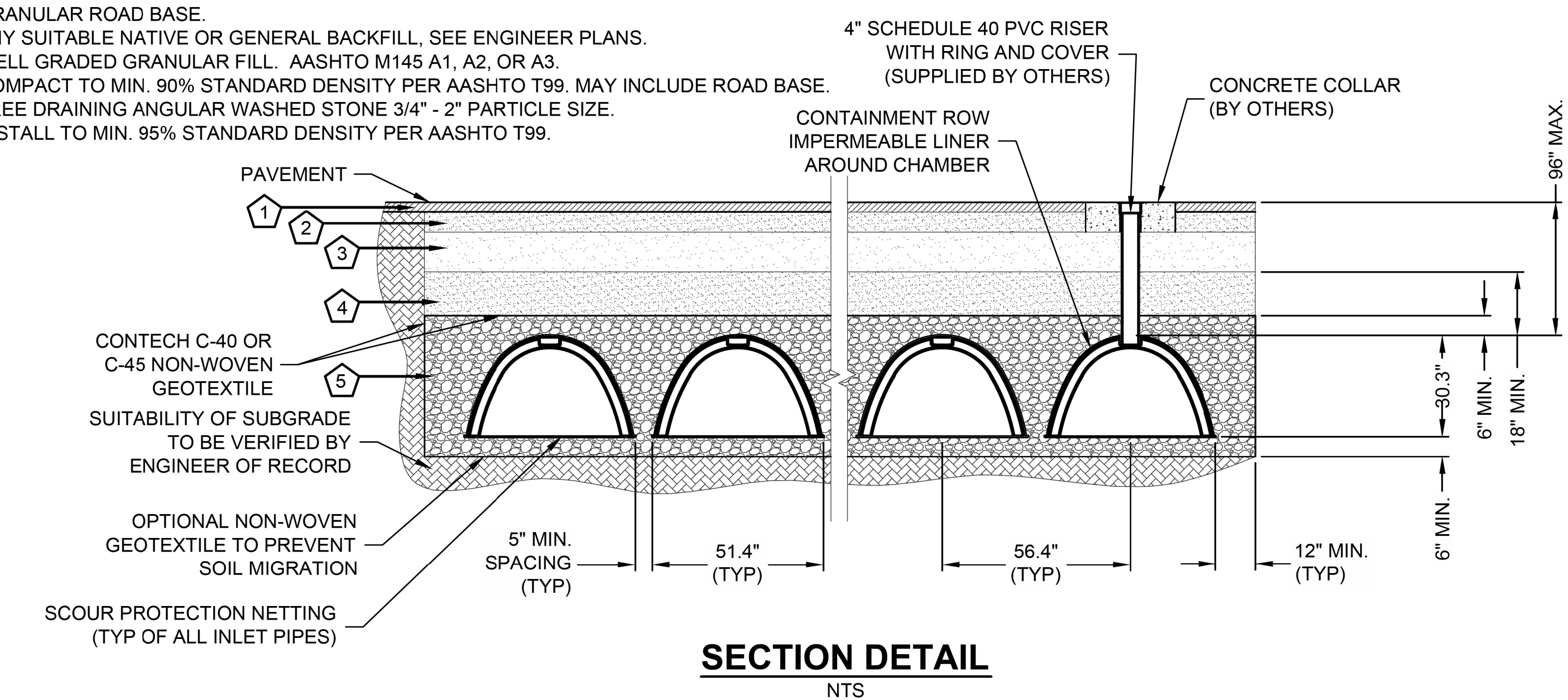
STORM DRAIN DETAILS

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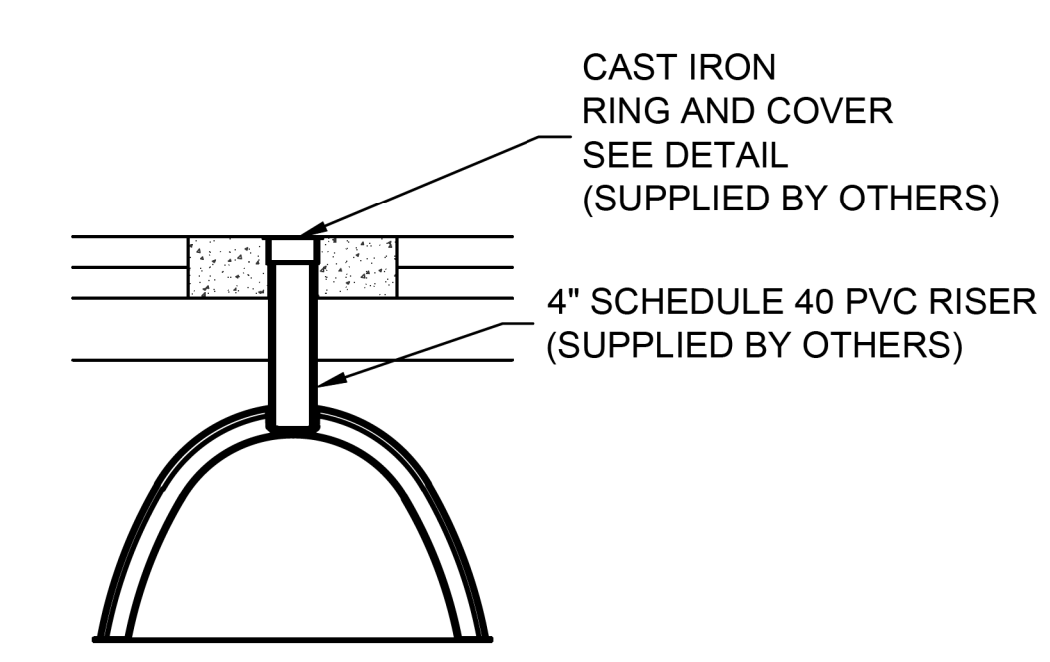
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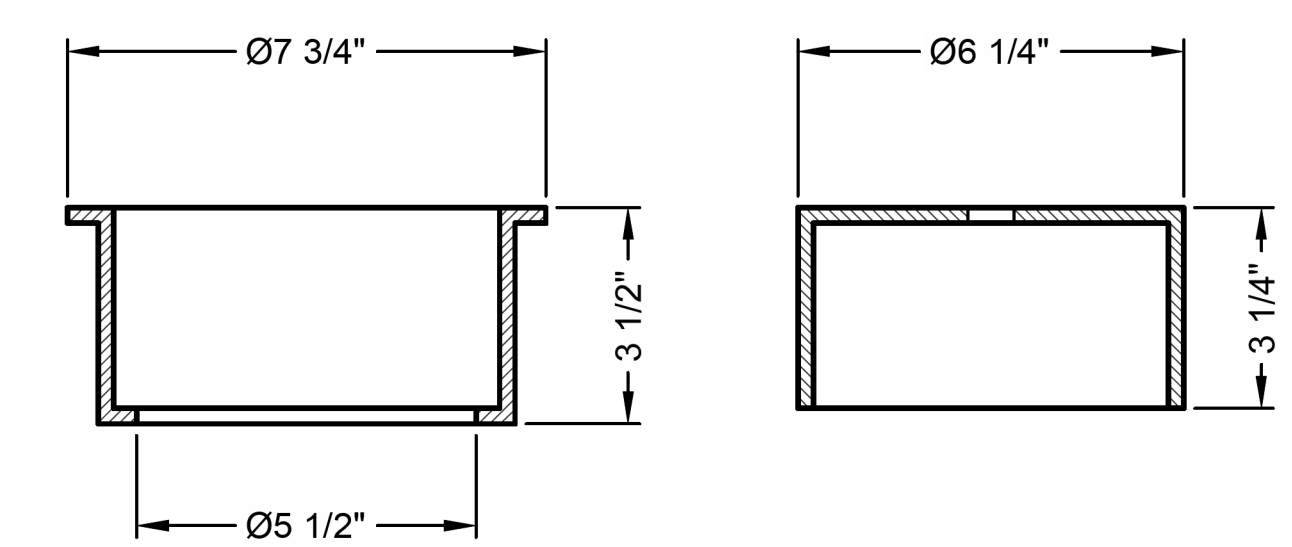
- KEY
1. FLEXIBLE PAVEMENT.
 2. GRANULAR ROAD BASE.
 3. ANY SUITABLE NATIVE OR GENERAL BACKFILL, SEE ENGINEER PLANS.
 4. WELL GRADED GRANULAR FILL. AASHTO M145 A1, A2, OR A3. COMPACT TO MIN. 90% STANDARD DENSITY PER AASHTO T99. MAY INCLUDE ROAD BASE.
 5. FREE DRAINING ANGULAR WASHED STONE 3/4" - 2" PARTICLE SIZE. INSTALL TO MIN. 95% STANDARD DENSITY PER AASHTO T99.



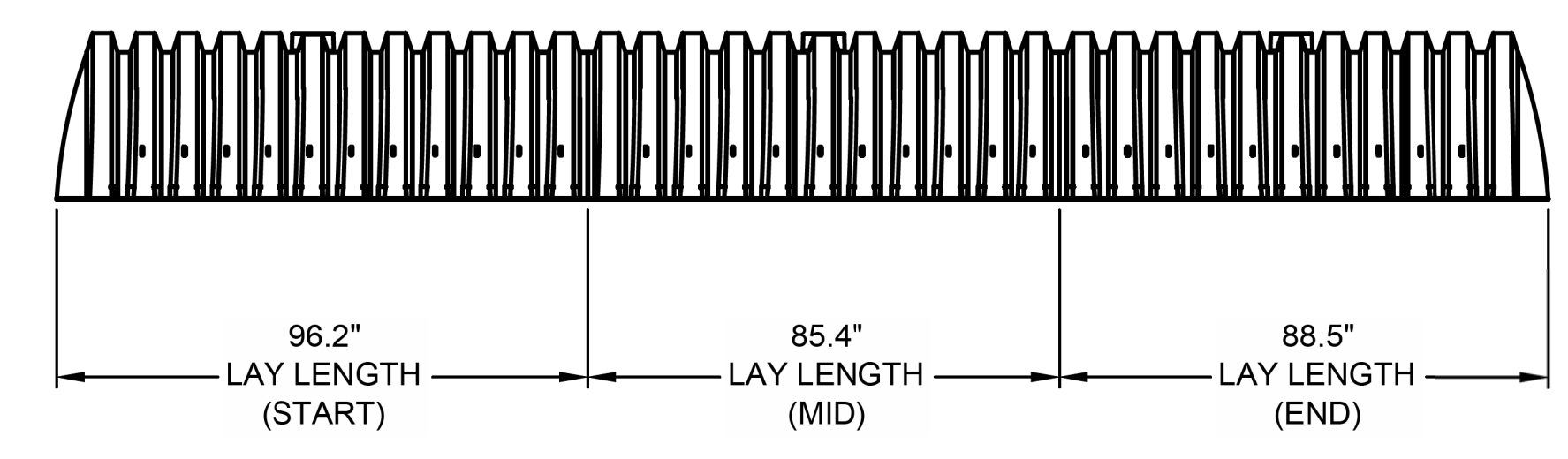
SECTION DETAIL
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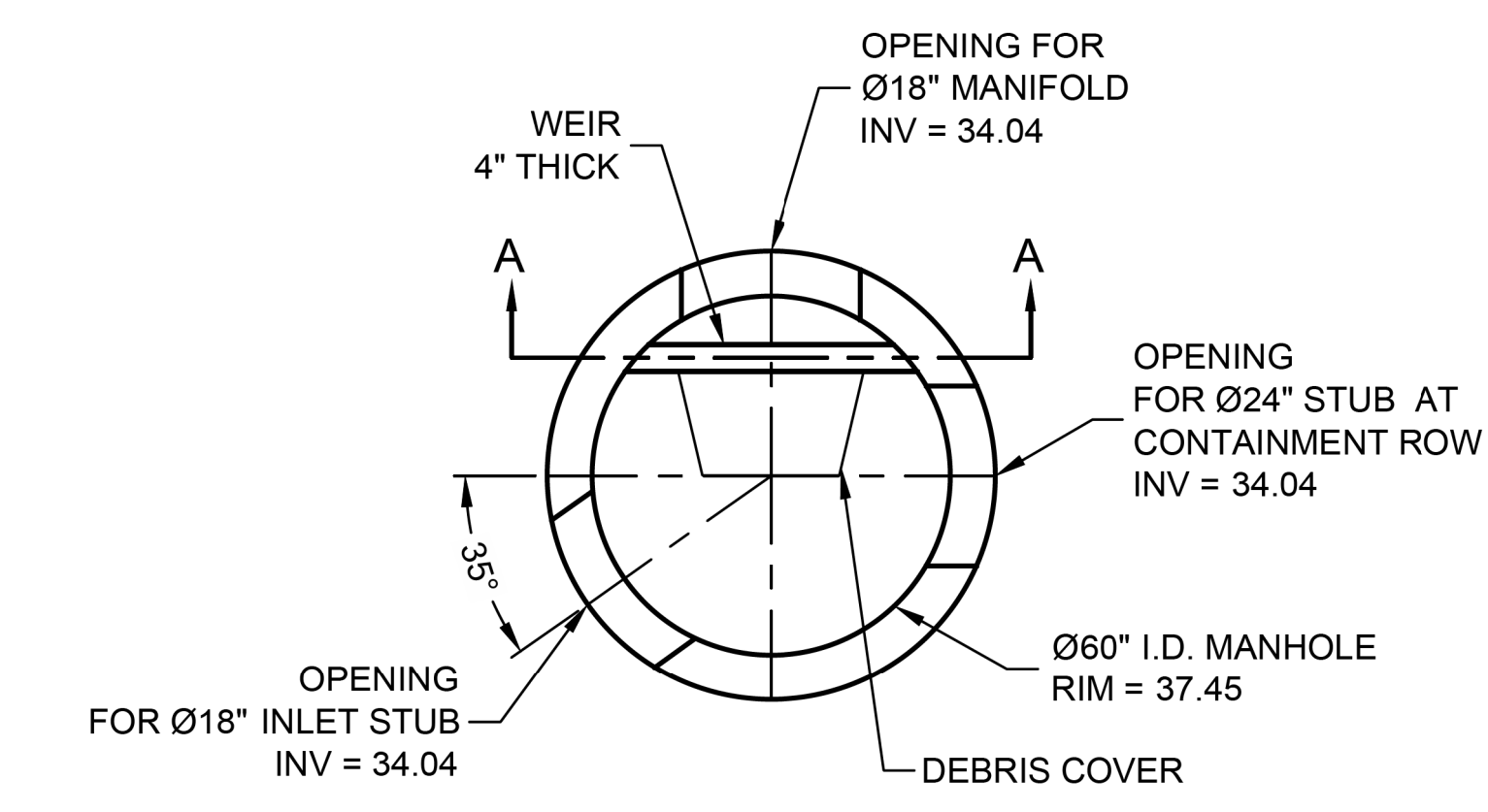
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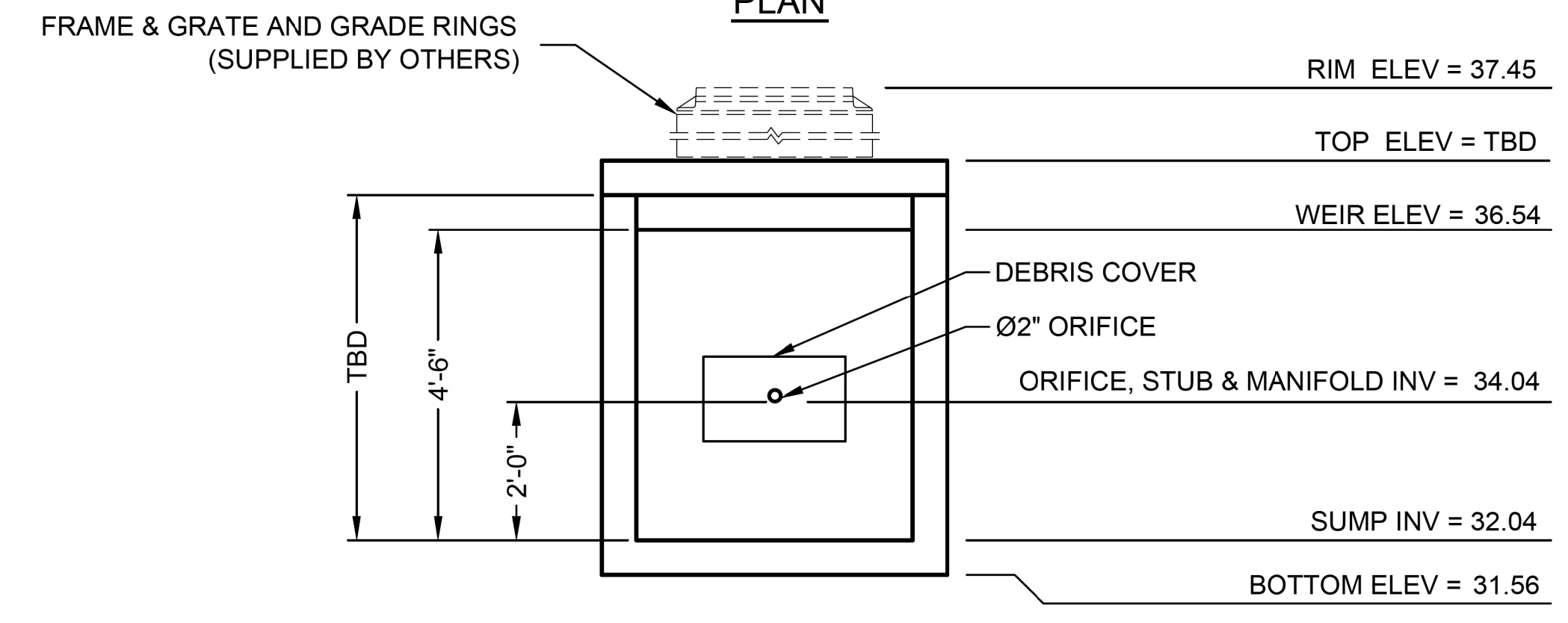
RING AND COVER DETAIL
NTS



TYPICAL ELEVATION VIEW
NTS



PLAN



SECTION A-A
DIVERSION MANHOLE DETAIL
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 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	SEQ. No:	DATE:
512582	010	11/19/2014
DESIGNED:	DRAWN:	
CDH	FCS	
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DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159
SCALE: NONE
SHEET NUMBER: **C-12**
SHEET TITLE:

STORM DRAIN DETAILS



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CHAMBERMAXX DESIGN DETAILS			
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER
OVERALL CHAMBER HEIGHT - IN	30.3	30.3	30.3
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4
ACTUAL LENGTH - IN	98.4	91.0	92.0
INSTALLED LAY LENGTHS - IN	96.2	85.4	88.5
CHAMBER STORAGE VOLUME - CF	52.5	49.3	48.2
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.5	6.9	6.5
*MIN. INSTALLED CHAMBER VOLUME - CF	78.7	76.7	76.1
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.8	10.8	10.3
CHAMBER WEIGHT - LB	85	77	76
*6" OF STONE ABOVE AND BELOW CHAMBER, 5" CHAMBER SPACING AND 40% POROSITY			

GENERAL NOTES

- ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF RISERS AND INLETS SHALL BE VERIFIED BY THE ENGINEER OF RECORD.
- PRIOR TO INSTALLATION OF THE CHAMBERMAXX SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE SYSTEM, THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND THE ENGINEER.
- CHAMBERMAXX CHAMBERS ARE MANUFACTURED FROM POLYPROPYLENE PLASTIC.
- CHAMBERMAXX SYSTEM TO MEET AASHTO HS20/HS25 LIVE LOADING, PER AASHTO LRFD SECTION 12.
- ACCESS COVERS TO MEET AASHTO HS20/HS25 LIVE LOADING.
- MINIMUM COVER IS 18-INCHES TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR COVER HEIGHTS GREATER THAN 96-INCHES CONTACT YOUR LOCAL REPRESENTATIVE.
- ALL PARTS PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.
- CONTAINMENT ROW COMPRISED OF CHAMBERS SURROUNDED BY IMPERMEABLE LINER WITH A DIVERSION MANHOLE CONNECTED BY A Ø24" PIPE.
- CHAMBERMAXX BY CONTECH CONSTRUCTION PRODUCTS (800) 925-5240

INSTALLATION NOTES

- CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION.
- PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, A TENSAR BX GEOGRID SHALL BE UTILIZED OR UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED.
- THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS.
- COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL.
- STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6-INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED.
- REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES.
- IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.
- GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

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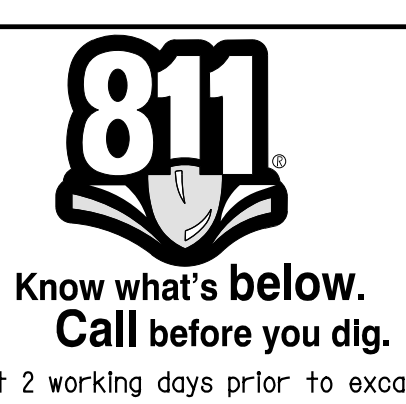
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CHAMBERMAXX UNDERGROUND RETENTION SYSTEM -
 512582-010
 ELM STREET ELEMENTARY
 OXNARD, CA
 SITE DESIGNATION: 27

PROJECT No:	512582	SEQ. No:	010	DATE:	11/19/2014
DESIGNED:	CDH	DRAWN:	FCS	CHECKED:	APPROVED:
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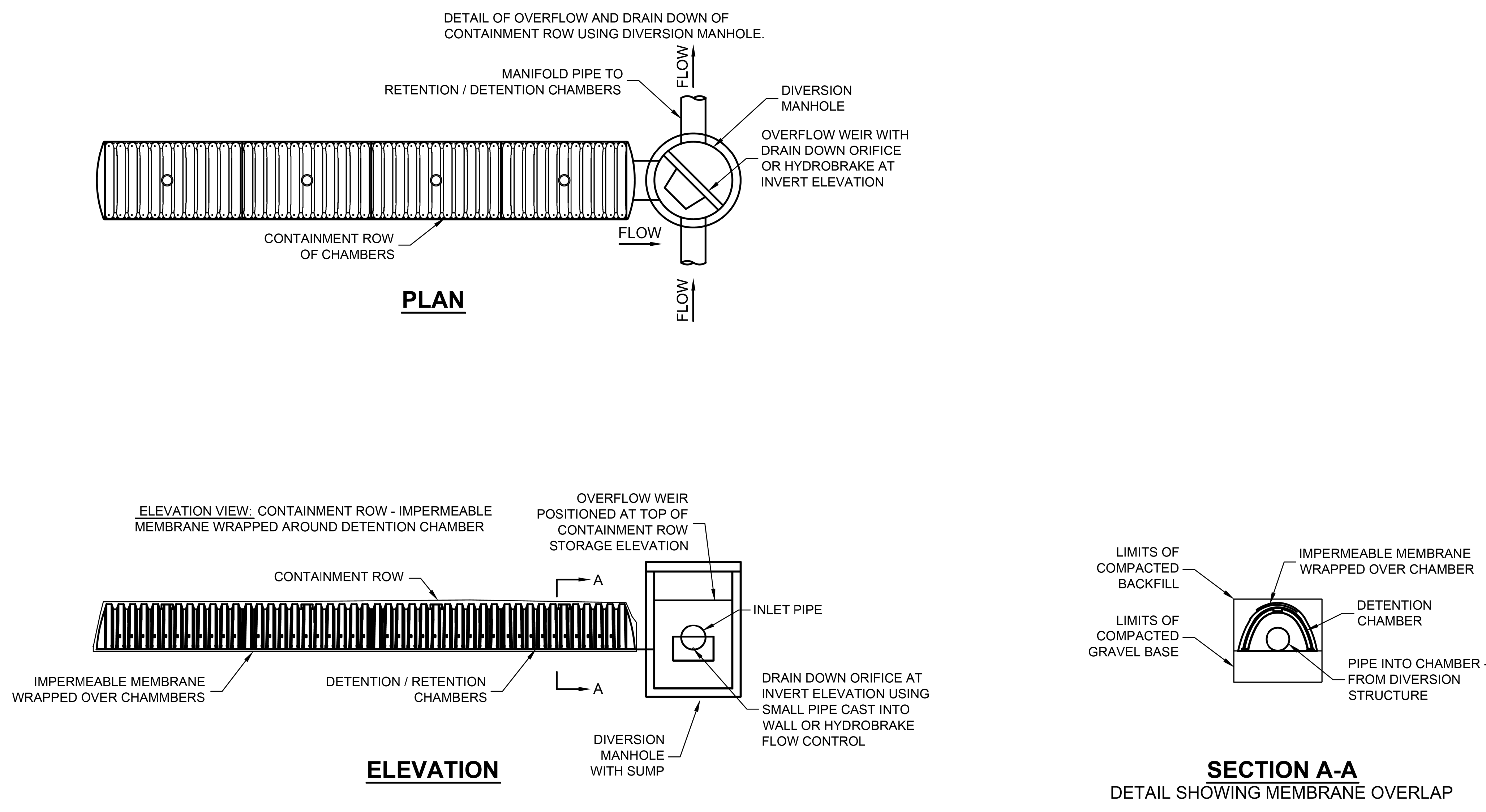
DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-13

SHEET TITLE:
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CONTAINMENT ROW DETAILS
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ROSHANIAN & ASSOCIATES, INC.
 ELECTRICAL, MECHANICAL AND TECHNOLOGY ENGINEERS
 6404 WILSHIRE BLVD, SUITE #610 LOS ANGELES, CA 90048
 TEL: (323) 933-5252 FAX: (323) 933-5589

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DATE ISSUED: Mar. 06, 2015

PROJECT NO: 1340159

SCALE: 1" = 20'-0"

SHEET NUMBER: **E-1.2**

SHEET TITLE:

ELECTRICAL SITE PLAN

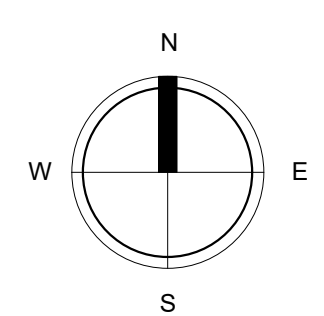
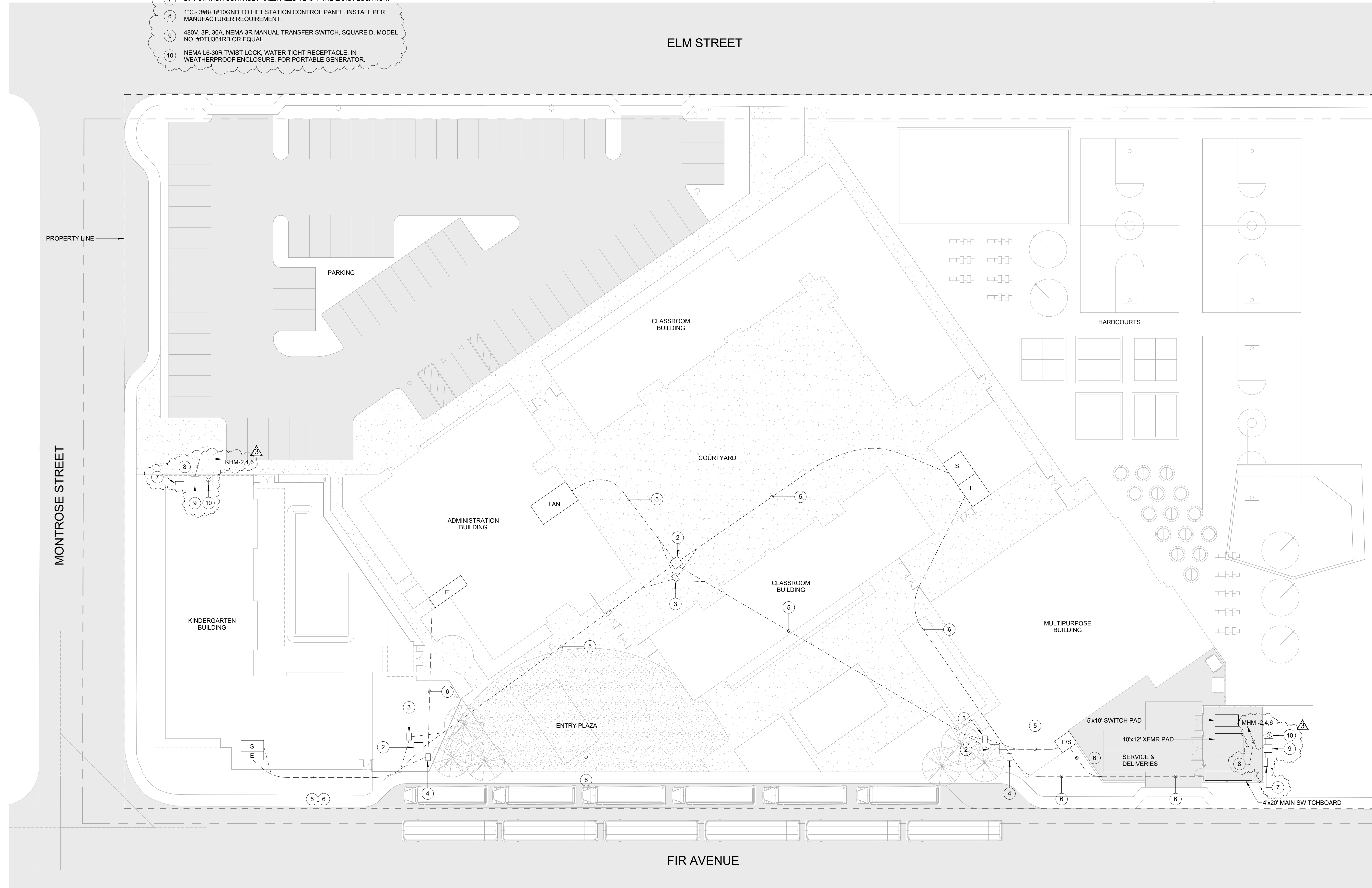


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REFERENCE NOTE:

- 1 NOT USED.
- 2 48"x48"x36"D UNDERGROUND SIGNAL PULLBOX.
- 3 36"x24"x36"D UNDERGROUND FIRE ALARM PULLBOX.
- 4 36"x24"x36"D UNDERGROUND POWER PULLBOX.
- 5 UNDERGROUND SIGNAL CONDUIT DUCT BANK AS FOLLOWS:
 (1) 4" - FIBER OPTIC DATA BACKBONE SYSTEM WITH (3) INNERDUCTS - (2) 1-1/2" AND (1) 1"
 (1) 2" - PAINTER COMMUNICATION/TELEPHONE SYSTEM
 (1) 2" - INTRUSION ALARM SYSTEM/CCTV SYSTEM
 (1) 2" - FIRE ALARM SYSTEM
 (1) 2" - EMS AND LIGHTING CONTROLS BACKBONE SYSTEM
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 6 UNDERGROUND POWER CONDUIT DUCT BANK AS INDICATED PLUS:
 (1) 2" - FUTURE SOLAR SYSTEM
 (1) 2" - SPARE
- 7 LIFT STATION CONTROL PANEL. FIELD VERIFY THE EXACT LOCATION.
- 8 1" - 3/8"-1/8" IODGND TO LIFT STATION CONTROL PANEL. INSTALL PER MANUFACTURER REQUIREMENT.
- 9 480V, 3P, 30A, NEMA 3R MANUAL TRANSFER SWITCH, SQUARE D, MODEL NO. #DTU581RB OR EQUAL.
- 10 NEMA 16-30R TWIST LOCK, WATER TIGHT RECEPTACLE, IN WEATHERPROOF ENCLOSURE, FOR PORTABLE GENERATOR.





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ROSEBURG, OR, 97470
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F: 541-496-0804
INFO@ROMTECUTILITIES.COM



Bulletin 3

PART 1: GENERAL

1.1 Description

Project Name: Elm Street Elementary Lift Stations
Owner: Oxnard Elementary School District
Location: Oxnard, CA
Date: 5/10/2017

OVERVIEW

Romtec Utilities is proposing to design and supply two wastewater lift stations (Fir and Montrose) for the Elm Street Elementary improvement project. These lift stations are very similar in design with the Montrose lift station being deeper and having a high pumping rate.

Romtec Utilities is suggesting that both force mains be 3" SCH40 PVC.

The following is the overview of Romtec Utilities scope of supply and services for both the Montrose and Fir lift stations. We will provide the same scope for each. Please see attached layouts for reference.

1.2 Overview of Scope

- A. Romtec Utilities work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, pre-designed, packaged pump station as described herein. Romtec Utilities shall be solely responsible for proper integration, supply, performance, and warranty of all package pump station components provided by Romtec Utilities.
- B. Romtec Utilities will provide complete submittal documentation for review including mechanical and electrical component drawings, data sheets and the layout of the Romtec Utilities supplied components on the customer supplied AutoCAD site plan.
- C. Romtec Utilities will work with the site engineer, reviewing entity, and all other associated parties through the review, comment, and approval process for the pump station.
- D. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the contractor.
- E. After installation, pump station start-up will be performed by Romtec Utilities.
- F. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.

- G. The installing contractor is responsible for pump station installation. Contractor work will generally include site preparation, excavations, backfill, compacted foundation construction, and all mechanical and electrical component installation.
- H. Romtec Utilities does not perform any construction at the site.

1.3 Pump Station Design and Submittals

- A. Romtec Utilities will provide the complete lift station design and submittal package for the pump station for review and comment by the reviewing entity. Romtec Utilities' submittal will include the complete lift station design for all structural, mechanical, electrical, and communication aspects of each pump station.
- B. Romtec Utilities will provide the Scope of Supply and Design Submittal in electronic form and we will work with all parties through review and approval by the reviewing entity.

PART 2: PRODUCTS

2.1 Prefabricated Wet Well and Mechanical

Romtec Utilities will prefabricate the wet well structure and associated interior wet well mechanical equipment prior to shipment to your jobsite. The following aspects are included as part of the prefabricated wet well:

- A. Romtec Utilities will supply the 5' diameter precast wet well including the top slab with hatch, base, and all associated risers.
- B. The hatch will be pedestrian rated and will include a mushroom cap vent.
- C. Each cored hole shall have an associated Kor-N-Seal for each particular pipe size entering and exiting the wet well to ensure no water leakage outside the wet well.
- D. Sealant and tapecoat shall be provided for each section of the wet well to ensure no water leakage through the joints.
- E. The wet well will include a drop bowl to direct incoming flow to the wet well sump in order to minimize turbulence within the well.
- F. Romtec Utilities will provide alignment brackets for proper orientation during installation.
- G. Romtec Utilities will be supplying all in-well 3" SCH80 PVC discharge piping and fittings from the pump discharge elbow up and through the wet well structure.
- H. The approximate wet well depth from the rim to the sump floor for Montrose is 14.0' and 11.0' is Fir.
- I. The wet well will need to be assembled on site by the installing contractor.
- J. The heaviest section is the base slab, at 10,000#.

2.2 Pump Package

Romtec Utilities will be integrating the pump package into the wet well structure and control panel prior to shipment to the jobsite. The following are the associated pump items Romtec Utilities will be supplying and integrating:

- A. Romtec Utilities will supply (2) 3HP Ebara submersible pumps and associated discharge elbows, stainless steel brackets, stainless steel lifting slings, cord grips and guiderails.
- B. The pump discharge elbows and mounting brackets will be pre-installed at the correct location and orientation prior to shipment to the jobsite.
- C. The pumping rate will be **150gpm at 17.8' TDH for Montrose and 100gpm at 17.8' TDH for Fir**. These higher pumping rates are needed to help with finding a suitable pump selections.
- D. The pumps have been quoted with 33' power cables.

2.3 Prefabricated Valve Vault Structure and Assembly

Romtec Utilities will be designing and supplying a prefabricated valve vault structure and valve assembly, preassembled and pressure tested prior to shipment to your jobsite. The following components are included in the prefabricated vault assembly:

- A. Romtec Utilities will supply a precast valve vault including the top slab with hatch.
 - 1. The rough dimensions of the valve vault are 4' x 4' x 5'.
 - 2. The hatch will be pedestrian rated.
- B. Romtec Utilities is supplying, pre-installing, and pressure testing the complete valve manifolds prior to shipment to the site. This includes the following items pre-installed:
 - 1. Pipe supports and stands
 - 2. Check valves
 - 3. Nut operated gate valve.
 - 4. Couplings, elbows and tees
- C. The discharge piping and valves will be 3" ductile iron through the valve vault.

2.4 Level Control System

- A. Romtec Utilities is supplying and integrating all in well level sensing for the pump station. This includes four (4) floats as the level sensing for the pump station.
- B. Romtec Utilities will configure the pump station controls to operate on the specified level sensing devices, and set the levels of the supplied devices at the time of pump station start-up and testing.

2.5 Control Panel

- A. Romtec Utilities is designing and supplying the control panel and associated field devices for the pump station. The control panel will be prewired, factory tested and UL listed.
- B. The control panel will be configured with an alternator controller and will be housed in a NEMA 4 painted steel enclosure.
- C. The control panel will include an auto-dialer for integration into a SCADA system and an alarm beacon, to alert in the event of pump station error.
- D. Romtec Utilities will provide all programming for the pump station controller.

- E. The control panel and pump station are configured for 480V, three phase power.

2.6 Delivery and Installation Services

- A. A representative of Romtec Utilities will be present the day the pump station is installed to provide technical advice to the Contractor.
- B. The Contractor shall be responsible for coordinating the required field services with Romtec Utilities.

2.7 Start-up/Testing and Owner Training

- A. After installation, pump station start-up shall be performed by the installing contractor under the supervision of Romtec Utilities' start-up technician.
- B. Start-up to include two (2) days of on-site field service.
- C. Romtec Utilities will provide the Operation & Maintenance manual and as-built drawings for the pump station at start-up of the system.
- D. O&M manual will include all submittal documentation modified if required, to reflect the as-built condition along with parts lists, maintenance manuals, and electrical schematics.

2.8 Electrical Support and Consulting

- A. Romtec Utilities provides support for the installing electrician over the phone both prior to and during installation of the pumps station.
- B. Romtec Utilities electrical engineering staff will help troubleshoot issues encountered on-site during construction as well as during normal operation of the pump station. This service is available to both the installing contractor as well as the owner and their maintenance personnel.

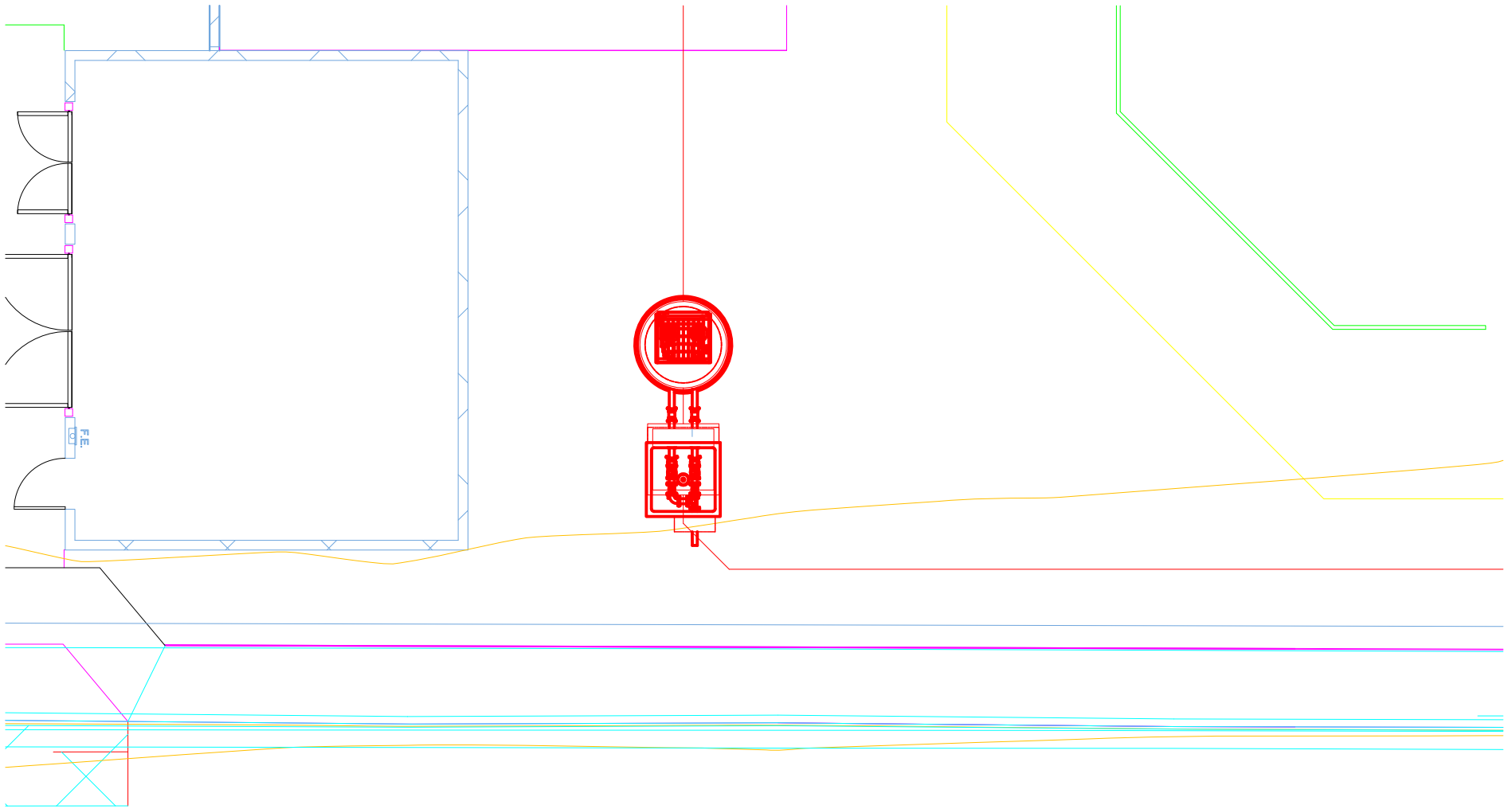
2.9 Exclusions

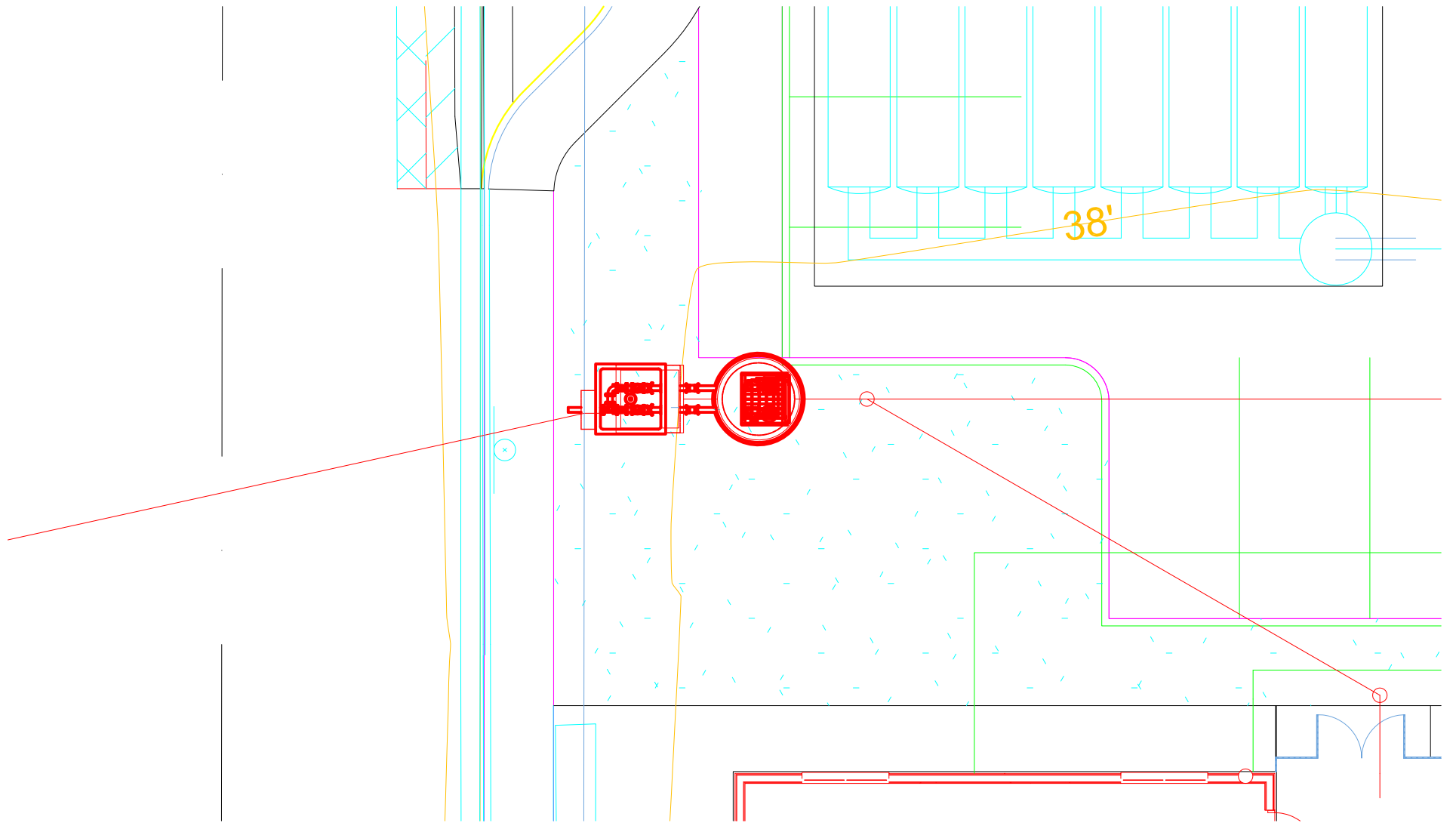
- A. Romtec Utilities is only supplying the items that are specifically stated in this scope letter. All other components are Contractor supplied. Please contact Romtec Utilities if there is any question regarding scope of supply or services.
- B. Romtec Utilities quote does not meet any "Buy America" standards. If required, Romtec can requote to meet a "Buy America" standard.
- C. Romtec Utilities will not be providing any structural calculations associated with the pump station.

Note: Romtec Utilities can provide structural calculations if a geotechnical report is provided to Romtec Utilities by the customer. The addition of structural calculations as a requirement will result in an increased lead time to produce the full submittal package.

- D. The installing contractor is responsible for all of the following:

1. Any fasteners not associated with the pre-assembled systems.
2. Unloading trucks, traffic control, site safety
3. Securing materials delivered to project site: dunnage, fencing, storage
4. Excavation, shoring, dewatering, sub-base rock, backfill material
5. Installation of supplied pump station systems and components
6. Piping to and from pump station.
7. Electrical conduit and wiring (except wires attached to supplied components)
8. Concrete poured in place, crushed rock, asphalt paving
9. Site lighting, signage, fencing, bollards and drainage control
10. Actual concrete dimensions will be within +/- 0.5" for major dimensions (height, length, width, core locations, wall thickness, etc) of the approved production drawing.
11. Supply of Coaxial cable





OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

DESCRIPTION	DATE
▲ BULLETIN 3	5-12-2017
▲ BULLETIN 3.1	7-6-2017
▲	
▲	
▲	
▲	
▲	
▲	
▲	
▲	
▲	

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-06

SHEET TITLE:

PRECISE GRADING



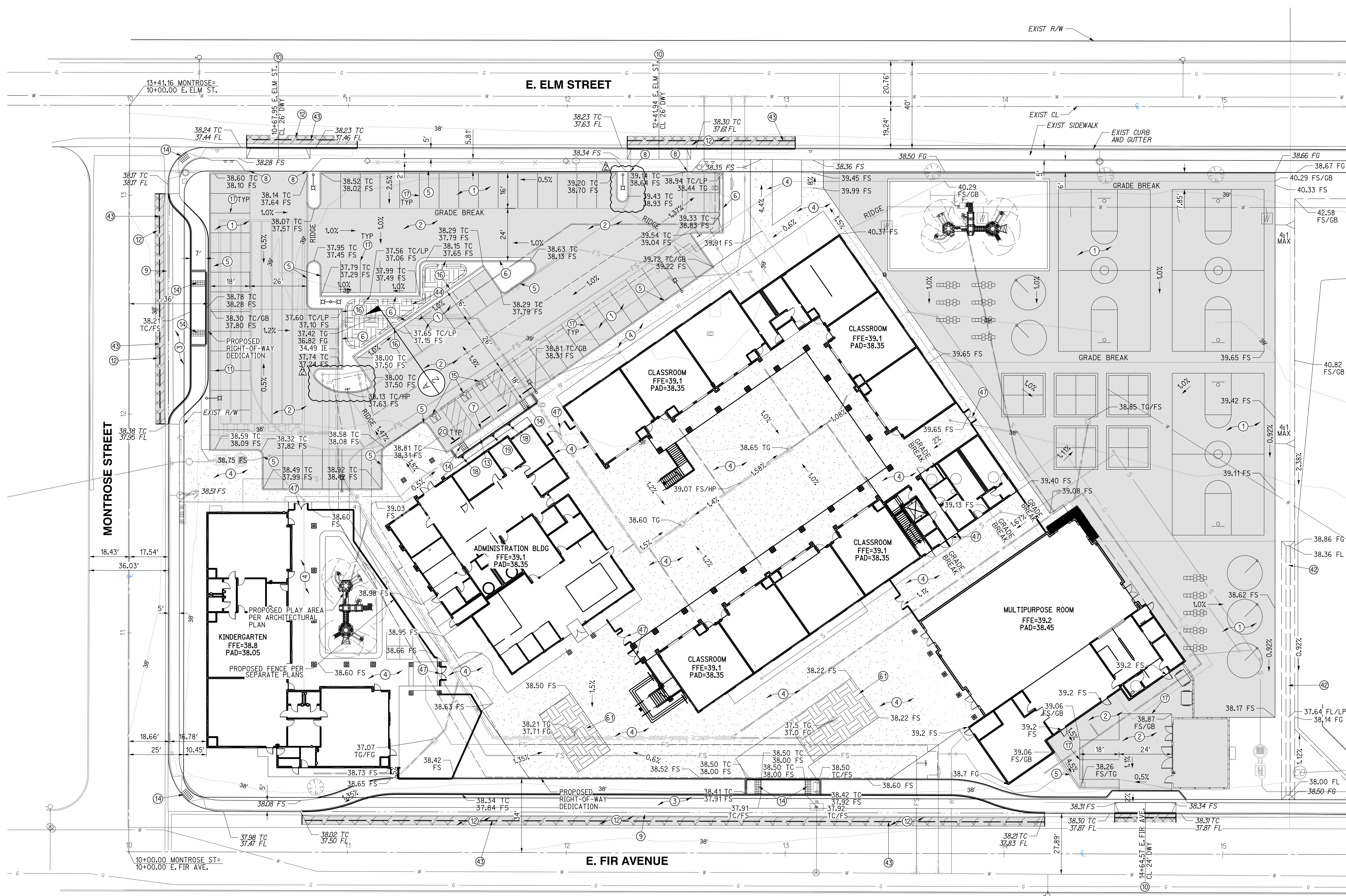
1770 IOWA AVENUE
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 RIVERSIDE, CA 92507
 951.782.0707
 951.782.0707
 (FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@earthlink.net



3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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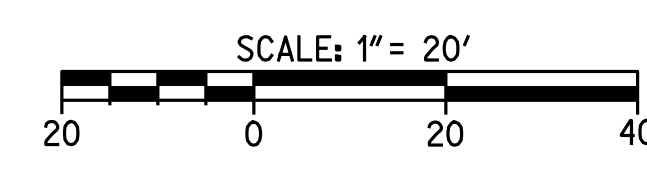
GRADING CONSTRUCTION NOTES AND QUANTITY ESTIMATES

*SELECT SUBBASE COULD BE COMPOSED OF EXISTING PAVEMENT MATERIAL IF PROPERLY GROUND UP.

① PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 3.5" SELECT SUBBASE	33,000 SF	⑫ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	1,070 SF
② PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 4" SELECT SUBBASE	15,340 SF	⑬ CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL 6 ON SHEET C-02	525 SF
③ PLACE 0.25" A.C. OVER 5" CLASS II A.B. OVER 8" SELECT SUBBASE	4,520 SF	⑭ INSTALL TRUNCATED DOMES PER DETAIL 6 ON SHEET C-02	250 SF
④ CONSTRUCT 4" PCC SIDEWALK WITH NO. 3 REBAR AT 18" O.C. UNDERLINED BY 4" LAYER OF SAND. CONSTRUCT THICKENED EDGE WHEN ADJACENT TO LANDSCAPE AREAS PER DETAIL 8 ON SHEET C-02	37,600 SF	⑮ APPLY ACCESSIBLE PARKING STRIPING PER DETAIL 3 ON SHEET C-02	90 LF
⑤ CONSTRUCT 6" CURB (TYPE A1-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	900 LF	⑯ CONSTRUCT 1" CURB CUT WITH GRAVEL PAD PER DETAIL 14 ON SHEET C-02	4 EA
⑥ CONSTRUCT 6" CURB AND GUTTER (TYPE A2-6) PER CITY OF OXNARD STD DWG PLATE 111 ON SHEET C-03	240 LF	⑰ APPLY 4" WHITE PARKING STRIPING PER CA-MUTCD AND DETAIL 4 ON SHEET C-02	960 LF
⑦ CONSTRUCT 0" CURB PER DETAIL 12 ON SHEET C-02	31 LF	⑱ INSTALL ACCESSIBLE PARKING SIGNAGE PER DETAIL 1 ON SHEET C-02	2 EA
⑧ CONSTRUCT CURB END PER DETAIL 7 ON SHEET C-02	4 EA	⑲ INSTALL VAN ACCESSIBLE PARKING SIGNAGE PER DETAIL 2 ON SHEET C-02	1 EA
⑨ CONSTRUCT 4" RIBBON GUTTER PER CITY OF OXNARD STD DWG PLATE 117 ON SHEET C-03	400 LF	⑳ INSTALL WHEELSTOP PER DETAIL 7 ON SHEET GEN-5	4 EA
⑩ CONSTRUCT DRIVEWAY PER CITY OF OXNARD STD DWG PLATE 115 ON SHEET C-03	3 EA	㉑ CONSTRUCT VEGETATED SWALE PER DETAIL 15 ON SHEET C-02	200 LF
⑪ CONSTRUCT CONCRETE BLOCK RETAINING WALL PER CITY OF OXNARD STD DWG PLATE 600 ON SHEET C-04	60 LF	㉒ SAWCUT EXISTING PAVEMENT PER DETAIL 9 ON SHEET C-02	575 SF
		㉓ CONSTRUCT BIOFILTRATION AREA PER DETAIL 11 ON SHEET C-02	580 SF
		㉔ INSTALL GATE PER ARCHITECTURAL PLAN	7 EA
		㉕ CONSTRUCT BIOFILTRATION AREA PER DETAIL 16 ON SHEET C-02	1,360 SF



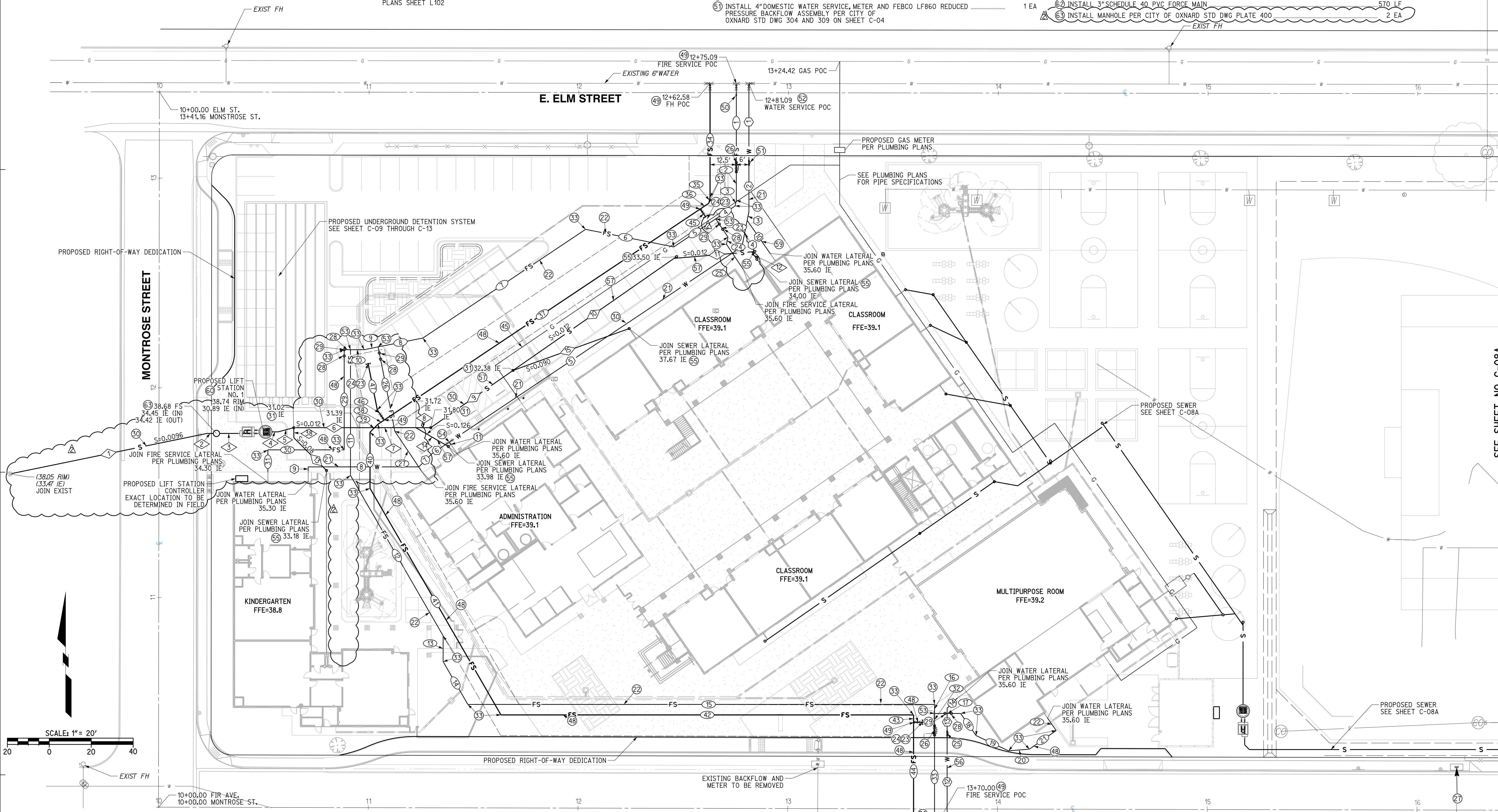
CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

Table with 4 columns: Item Number, Description, Quantity, and Unit. Lists various utility installation tasks such as water service, fire hydrants, sewer lines, and manholes with their respective quantities.



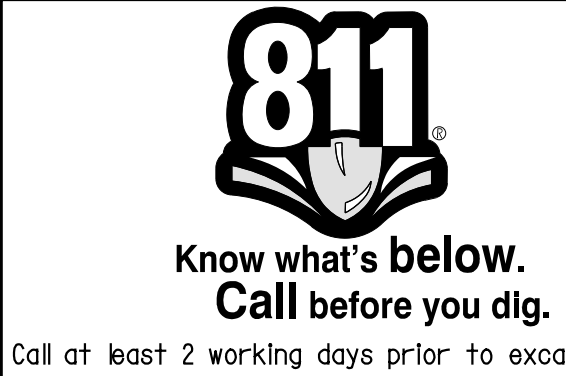
WATER DATA table with columns: NO., DELTA OR BRG., RADIUS, LENGTH, REMARK. Lists water line segments with their specific dimensions and materials.

SEWER DATA table with columns: NO., DELTA OR BRG., RADIUS, LENGTH, REMARK. Lists sewer line segments with their specific dimensions and materials.

FIRE SERVICE WATER DATA table with columns: NO., DELTA OR BRG., RADIUS, LENGTH, REMARK. Lists fire service water line segments.

FIRE SERVICE WATER DATA table with columns: NO., DELTA OR BRG., RADIUS, LENGTH, REMARK. Lists fire service water line segments.

FIRE SERVICE WATER DATA table with columns: NO., DELTA OR BRG., RADIUS, LENGTH, REMARK. Lists fire service water line segments.



CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



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REVISIONS table with columns: NO., DESCRIPTION, DATE. Lists revision 1 (BULLETIN 3) dated 5-12-2017 and revision 2 (BULLETIN 3.1) dated 7-6-2017.

DATE ISSUED: MAY 12, 2017
PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: C-08
SHEET TITLE:

UTILITY PLAN



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: 1"=20'

SHEET NUMBER: **C-08A**
 SHEET TITLE:

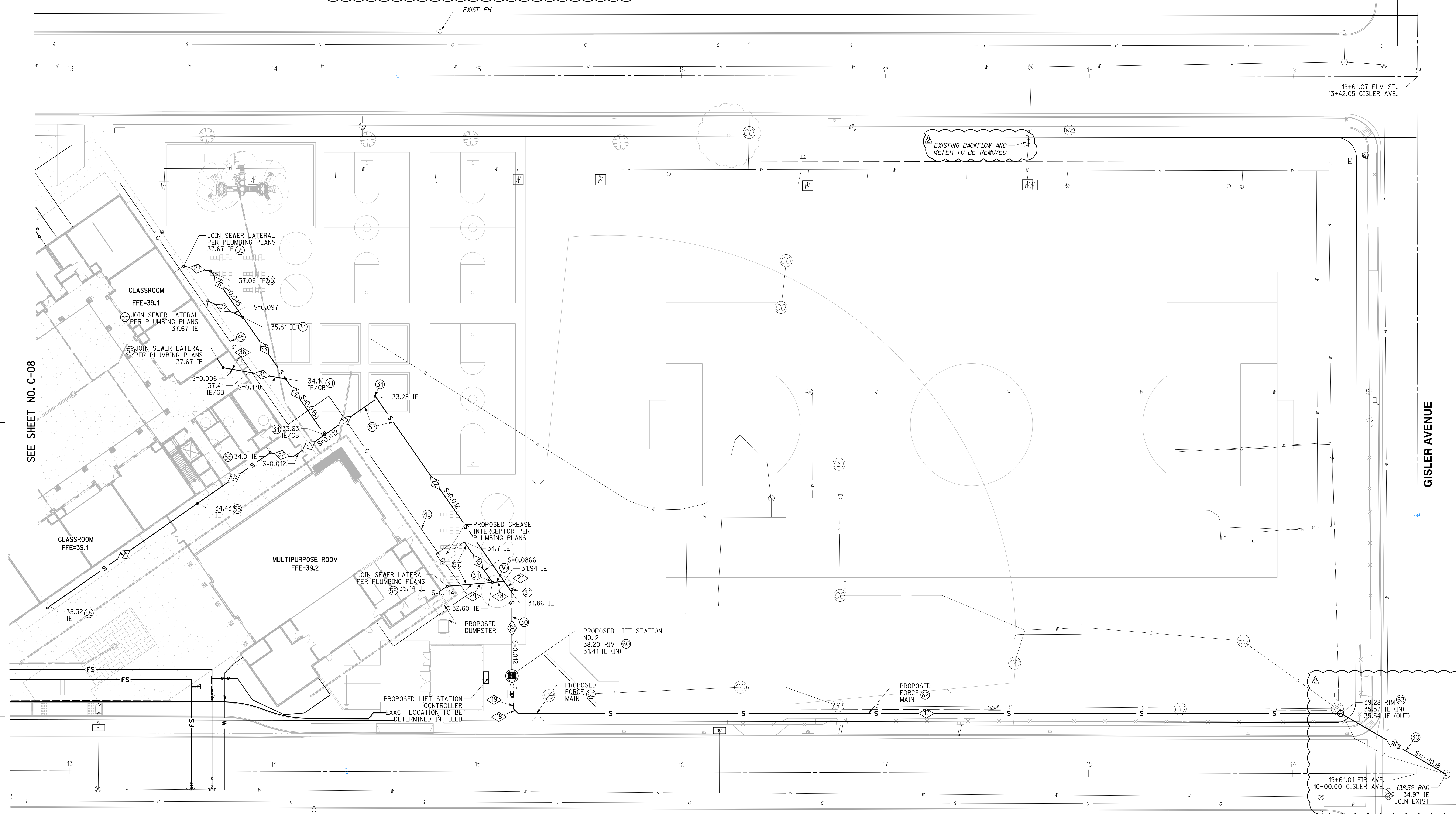
UTILITY PLAN

RICK
 ENGINEERING COMPANY
 1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

SVA
 ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

UTILITY CONSTRUCTION NOTES AND QUANTITY ESTIMATES

50	INSTALL 6" SDR-35 PVC SEWER	600 LF
51	INSTALL 6" SEWER CLEANOUT PER CITY OF OXNARD STD DWG PLATE 407	13 EA
49	INSTALL GAS SERVICE BY OTHERS	850 FL
57	INSTALL 4" SDR-35 PVC SEWER	350 LF
60	INSTALL ROMTECH UTILITIES LIFT STATION PER MANUFACTURER'S SPECIFICATION ON SHEET C-08B, OR APPROVED EQUAL	2 EA
62	INSTALL 3" SCHEDULE 40 PVC FORCE MAIN	570 LF
63	INSTALL MANHOLE PER CITY OF OXNARD STD DWG PLATE 400	2 EA

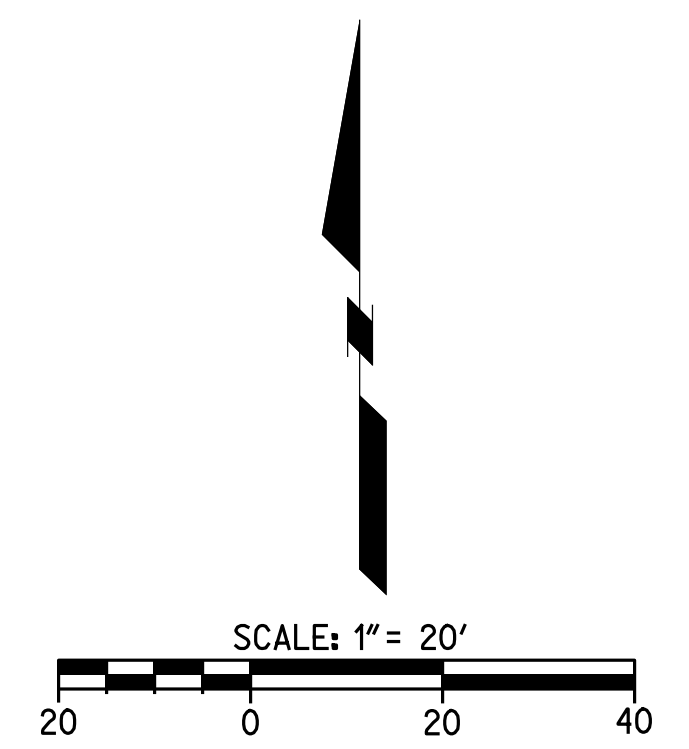


SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
16	N 60°00'00" W		59.71'	6" SDR-35 PVC
17	N 90°00'00" W		403.68'	3" SCH-40 PVC
18	N 45°00'00" W	3.18'	3" SCH-40 PVC	
19	N 0°00'00" E	3.00'	3" SCH-40 PVC	
20	N 0°00'00" E	37.73'	6" SDR-35 PVC	
21	N 34°50'27" W	6.69'	6" SDR-35 PVC	
22	N 34°50'27" W	109.32'	6" SDR-35 PVC	
23	N 55°09'36" E	31.17'	6" SDR-35 PVC	
24	N 34°50'27" W	33.43'	6" SDR-35 PVC	
25	N 34°50'27" W	36.76'	6" SDR-35 PVC	

SEWER DATA CONTINUED

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
26	N 34°50'24" W		27.68'	6" SDR-35 PVC
27	N 79°50'24" W		13.44'	4" SDR-35 PVC
28	N 85°09'33" E		5.27'	6" SDR-35 PVC
29	N 85°09'33" E		21.28'	4" SDR-35 PVC
30	N 34°50'25" W		23.76'	4" SDR-35 PVC
31	N 55°09'36" E		18.99'	6" SDR-35 PVC
32	N 79°50'24" W		11.35'	6" SDR-35 PVC
33	N 65°09'36" E		43.24'	6" SDR-35 PVC
34	N 55°09'36" E		88.47'	6" SDR-35 PVC
35	N 79°50'24" W		18.22'	4" SDR-35 PVC
36	N 79°50'24" W		12.99'	4" SDR-35 PVC
37	N 64°50'24" W		19.00'	4" SDR-35 PVC



811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 A# 03-116407
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REVISIONS:

DESCRIPTION	DATE
BULLETIN 3	5-12-2017
BULLETIN 3.1	7-6-2017

DATE ISSUED: MAY 12, 2017
 PROJECT NO: 1340159
 SCALE: NONE
 SHEET NUMBER: C-08B
 SHEET TITLE:

LIFT STATION DETAILS

RICK ENGINEERING COMPANY
 1770 IOWA AVENUE SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723
 San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 RICKS@RICKS.COM

SVA ARCHITECTS
 3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM



PROJECT INFO
 Job Name: Montrose
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Water Station
 Water Type: Wastewater

PACKAGE/STARTUP
 Offering: Complete System
 Mechanical: Complete System
 Pumps: Complete System
 Control Panel: Complete System
 Startup: Complete System

WELL SUMMARY
 Material: Concrete
 Diameter: 5 Feet
 Height: 12.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: 3" PVC SCH80
 Disch. Piping Type: Straight Through
 Disch. Piping Valve: Unlined

WELL TOP
 Traffic Rating: H-20 Occasional
 Hatch Options: Vent (Cast in top slab)
 Vent Options: No

WELL BASE
 Base: Flat sump (w/ gunit ring)
 Lining: No Lining

CRANE
 Crane: N/A
 Base/Winch: N/A

FORCE MAIN
 ID/Length: 3" / 1.8
 Type/Rating: PVC SCH80
 FM High Point: 18.45

DUTY POINT
 Pumping Rate: 29 GPM (Total)
 Static Head: 6.7 Feet
 TDH: 8.5 Feet

PRIMARY PUMPS
 Manufacturer: Duplex Configuration
 Model: SICK 75-CH-83
 Impeller Model/Dis: 0
 Motor HP: 1 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 32
 Mix Flush Valve: N/A

ROCKET PUMP
 Manufacturer: N/A
 Model: 0
 Impeller Model/Dis: 0
 Motor HP: 0
 Voltage/Phase: 0
 Cable Length: 0
 Mix Flush Valve: 0

VALVE VAULT
 Valve Size: 8" Model 506 (LX4XV)
 Hatch: H-20 Int.
 Pressure Gauge: N/A
 Check Options: Plain
 Shut Off Options: Plug Direct Op Nut
 Options: N/A

CONTROL PANEL
 Power: 480V / 3-Phase
 Controller: Alternator
 Primary Sensor: 4 Beams
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep, Audible Alarm

GENERATOR
 Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
30.89	0.00	Invert
29.49	0.00	HL Alarm
29.32	0.25	Log Start
28.74	0.50	Lead Start
27.74	1.00	Pump Stop
25.74	2.00	Sump Floor

METER VAULT
 Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Shut Off Options: 0
 Options: 0

CONTROL BUILDING
 Type: N/A
 Size: 0

ROMTEC UTILITIES
 CURRENT REVISION: 6/22/17 4

Montrose - PRELIMINARY DESIGN - 6-15-17.dwg

PROJECT INFO
 Job Name: Fir
 Company: RICK Engineering Company
 Contact: New Station
 Job Type: Water Station
 Water Type: Wastewater

PACKAGE/STARTUP
 Offering: Complete System
 Mechanical: Complete System
 Pumps: Complete System
 Control Panel: Complete System
 Startup: Complete System

WELL SUMMARY
 Material: Concrete
 Diameter: 5 Feet
 Height: 10.00 Feet
 Storage Depth: 0.00 Feet
 Disch. Piping Size: 3" PVC SCH80
 Disch. Piping Type: Straight Through
 Disch. Piping Valve: Unlined

WELL TOP
 Traffic Rating: H-20 Occasional
 Hatch Options: Vent (Cast in top slab)
 Vent Options: No

WELL BASE
 Base: Flat sump (w/ gunit ring)
 Lining: No Lining

CRANE
 Crane: N/A
 Base/Winch: N/A

FORCE MAIN
 ID/Length: 3" / 4.0
 Type/Rating: PVC SCH80
 FM High Point: 35.57

DUTY POINT
 Pumping Rate: 29 GPM (Total)
 Static Head: 6.7 Feet
 TDH: 13.1 Feet

PRIMARY PUMPS
 Manufacturer: Duplex Configuration
 Model: SICK 75-CH-83
 Impeller Model/Dis: 0
 Motor HP: 1 HP
 Voltage/Phase: 480V / 3-Phase
 Cable Length: 32
 Mix Flush Valve: N/A

ROCKET PUMP
 Manufacturer: N/A
 Model: 0
 Impeller Model/Dis: 0
 Motor HP: 0
 Voltage/Phase: 0
 Cable Length: 0
 Mix Flush Valve: 0

VALVE VAULT
 Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Check Options: 0
 Shut Off Options: 0
 Options: 0

CONTROL PANEL
 Power: 480V / 3-Phase
 Controller: Alternator
 Primary Sensor: 4 Beams
 Secondary Sensor: N/A
 Enclosure: NEMA 4
 Pump/Sense Wiring: Direct
 Options: Alarm Beep, Audible Alarm

GENERATOR
 Model: N/A
 Enclosure: 0
 Transfer Switch: 0
 Options: 0

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
33.83	0.00	Invert
30.70	0.00	HL Alarm
30.45	0.25	Log Start
29.95	0.50	Lead Start
29.20	0.75	Pump Stop
27.20	2.00	Sump Floor

METER VAULT
 Valve Size: N/A
 Hatch: 0
 Pressure Gauge: 0
 Shut Off Options: 0
 Options: 0

CONTROL BUILDING
 Type: N/A
 Size: 0

ROMTEC UTILITIES
 CURRENT REVISION: 6/22/17 3

Fir - PRELIMINARY DESIGN - 6-27-17.dwg

Ebara Pump Performance Datasheet
 Ebara Qstation System 17.1.4.0

Customer Reference: Romtec Utilities / Montrose

Item number: 800VBFU62.2
 Service: 1
 Quantity: 1
 Quote number: DV-C607-9204
 Date last saved: 18 Apr 2017 2:54 PM

Operating Conditions
 Flow, rated: 150.0 USgpm
 Differential head / pressure, rated (requested): 17.80 ft
 Differential head / pressure, rated (actual): 18.25 ft
 Suction pressure, rated / max: 0.00 / 0.00 psi g
 NPSH available, rated: Ample
 Frequency: 60 Hz

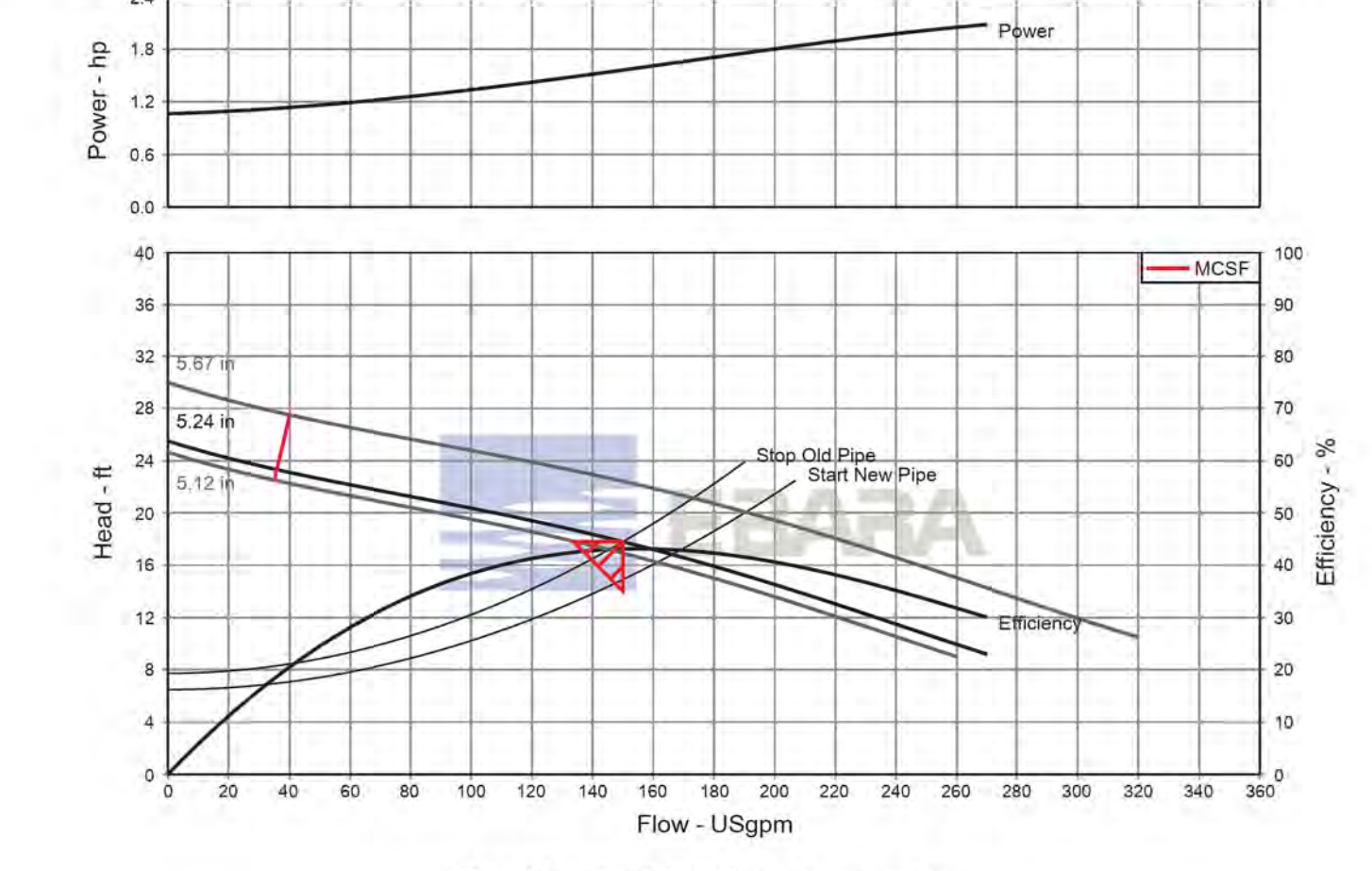
Performance
 Speed, rated: 1740 rpm
 Impeller diameter, rated: 5.24 in
 Impeller diameter, maximum: 5.67 in
 Impeller diameter, minimum: 5.12 in
 Efficiency: 45.10 %
 NPSH required / margin required: < 0.00 ft
 N/A (imp. eye flow) / N/A (mp. eye flow)
 MCF: 35.84 USgpm
 Head, maximum, rated diameter: 25.51 ft
 Head rise to shutoff: 43.29 ft
 Flow, best eff. point: 155.1 USgpm
 Flow ratio, rated / BEP: 96.71 %
 Diameter ratio (rated / max): 92.36 %
 Head ratio (rated dia / max dia): 79.36 %
 Cq/Cv/Cc/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
 Selection status: Acceptable

Liquid
 Liquid type: Water
 Additional liquid description: N/A
 Solids diameter, max: 0.00 in
 Solids concentration, by volume: 0.00 %
 Temperature, max: 68.00 deg F
 Fluid density, rated / max: 1.000 / 1.000 SG
 Viscosity, rated: 1.00 cP
 Vapor pressure, rated: 0.00 psi a

Material
 Material selected: Cast Iron

Pressure Data
 Maximum working pressure: 11.04 psi g
 Maximum allowable working pressure: N/A
 Maximum allowable suction pressure: N/A
 Hydrostatic test pressure: N/A

Driver & Power Data (GMax density)
 Driver sizing specification: Rated power
 Margin over specification: 0.00 %
 Service factor: 1.00
 Power, hydraulic: 0.67 hp
 Power, rated: 1.56 hp
 Power, maximum, rated diameter: 3.00 hp / 2.24 kW (Fixed)
 Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 1

Ebara Pump Performance Datasheet
 Ebara Qstation System 17.1.4.0

Customer Reference: Romtec Utilities / Fir

Item number: 800VBFU62.2
 Service: 1
 Quantity: 1
 Quote number: DV-C607-9204
 Date last saved: 18 Apr 2017 2:07 PM

Operating Conditions
 Flow, rated: 100.0 USgpm
 Differential head / pressure, rated (requested): 20.80 ft
 Differential head / pressure, rated (actual): 20.37 ft
 Suction pressure, rated / max: 0.00 / 0.00 psi g
 NPSH available, rated: Ample
 Frequency: 60 Hz

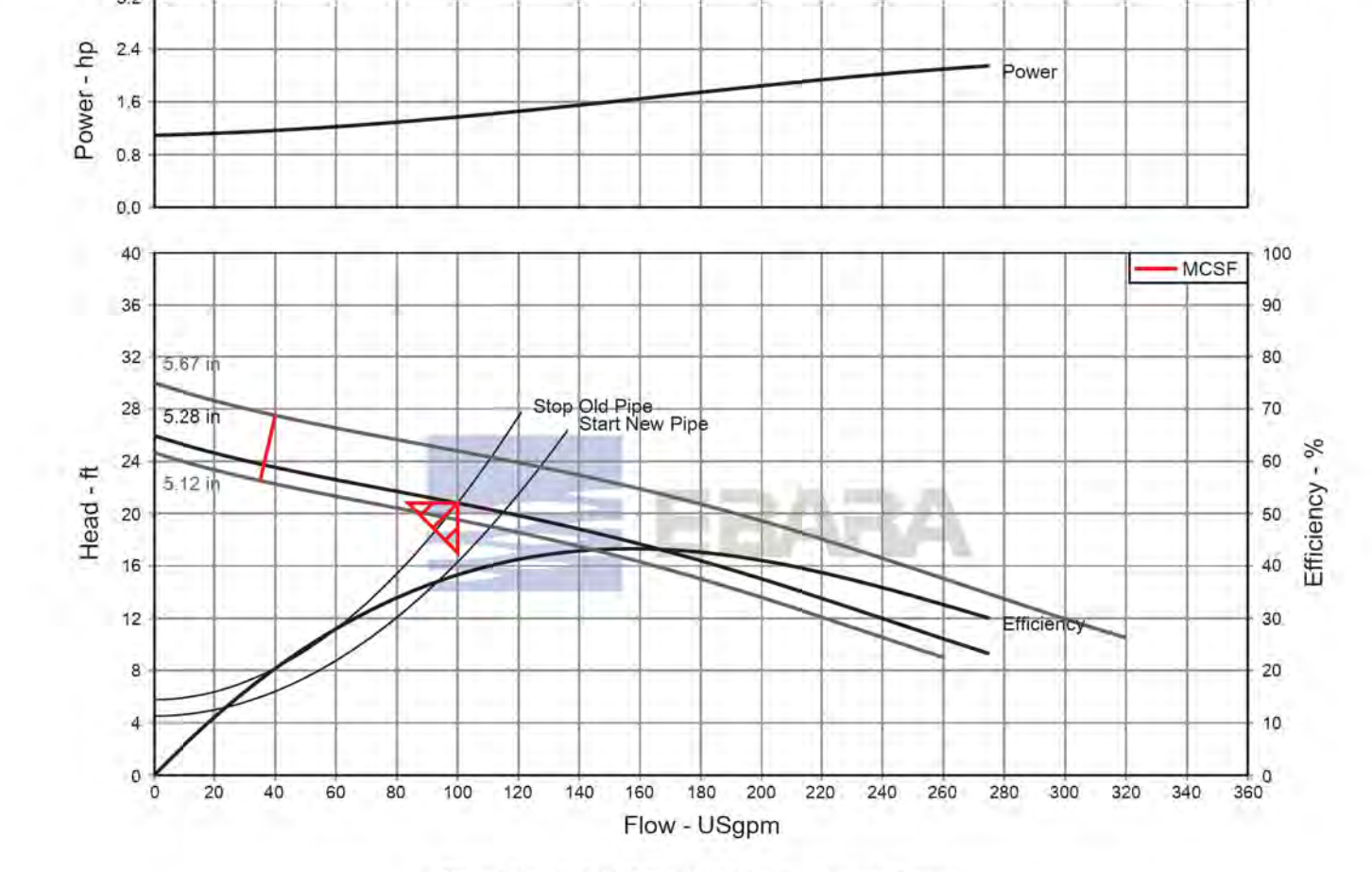
Performance
 Speed, rated: 1740 rpm
 Impeller diameter, rated: 5.28 in
 Impeller diameter, maximum: 5.67 in
 Impeller diameter, minimum: 5.12 in
 Efficiency: 38.30 %
 NPSH required / margin required: < 0.00 ft
 N/A (imp. eye flow) / N/A (mp. eye flow)
 MCF: 36.26 USgpm
 Head, maximum, rated diameter: 25.95 ft
 Head rise to shutoff: 24.74 ft
 Flow, best eff. point: 157.3 USgpm
 Flow ratio, rated / BEP: 63.58 %
 Diameter ratio (rated / max): 93.06 %
 Head ratio (rated dia / max dia): 83.91 %
 Cq/Cv/Cc/Cn (ANSI/HI 9.6.7-2010): 1.00 / 1.00 / 1.00 / 1.00
 Selection status: Acceptable

Liquid
 Liquid type: Water
 Additional liquid description: N/A
 Solids diameter, max: 0.00 in
 Solids concentration, by volume: 0.00 %
 Temperature, max: 68.00 deg F
 Fluid density, rated / max: 1.000 / 1.000 SG
 Viscosity, rated: 1.00 cP
 Vapor pressure, rated: 0.00 psi a

Material
 Material selected: Cast Iron

Pressure Data
 Maximum working pressure: 11.23 psi g
 Maximum allowable working pressure: N/A
 Maximum allowable suction pressure: N/A
 Hydrostatic test pressure: N/A

Driver & Power Data (GMax density)
 Driver sizing specification: Rated power
 Margin over specification: 0.00 %
 Service factor: 1.00
 Power, hydraulic: 0.53 hp
 Power, rated: 1.37 hp
 Power, maximum, rated diameter: 2.15 hp
 Minimum recommended motor rating: 3.00 hp / 2.24 kW (Fixed)



PROPOSED LIFT STATION NUMBER 2

811
 Know what's below.
 Call before you dig.
 Call at least 2 working days prior to excavating.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

OWNER: OXNARD SCHOOL DISTRICT
 PROJECT NAME: ELM STREET ELEMENTARY SCHOOL
 CLIENT ADDRESS: 450 EAST ELM STREET, OXNARD, CALIFORNIA, 93033



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 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

A# 03-116407

AC FLS SS

DATE

REVISIONS:

NO.	DESCRIPTION	DATE
1	BULLETIN 3	5-12-2017
2	BULLETIN 3.1	7-6-2017
3		
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18		
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20		

DATE ISSUED: MAY 12, 2017

PROJECT NO: 1340159

SCALE: 1"=20'

SHEET NUMBER: **C-09**

SHEET TITLE:

STORM DRAIN PLAN



1770 IOWA AVENUE
 SUITE 100
 RIVERSIDE, CA 92507
 951.782.0707
 (FAX) 951.782.0723

San Diego - Orange - San Luis Obispo
 Sacramento - Bakersfield - Tucson - Phoenix
 rickeng@rickeng.com

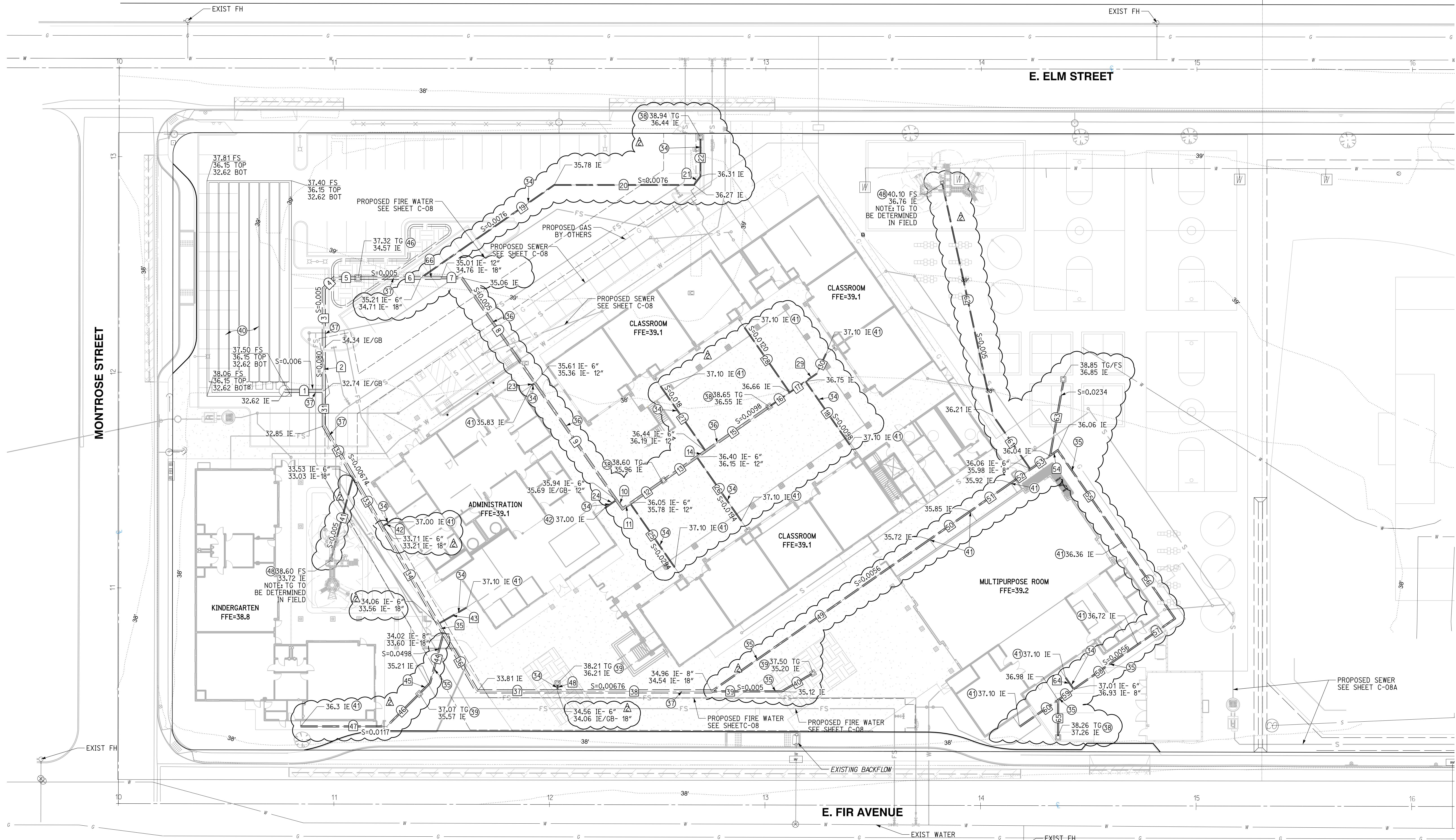


3 MACARTHUR PLACE, SUITE 800 SANTA ANA, CA 92707
 T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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STORM DRAIN CONSTRUCTION NOTES AND QUANTITY ESTIMATES

54	INSTALL 6" HDPE STORM DRAIN PIPE	600 LF	59	INSTALL 18"X18" DROP INLET PER DETAIL 11 ON SHEET C-02	3 EA
55	INSTALL 8" HDPE STORM DRAIN PIPE	575 LF	40	INSTALL CONTECH UNDERGROUND DETENTION SYSTEM PER DETAILS ON SHEETS C-10 THROUGH C-13	1 EA
56	INSTALL 12" HDPE STORM DRAIN PIPE	225 LF	41	ROOF DRAIN CONNECTION	18 EA
57	INSTALL 18" HDPE STORM DRAIN PIPE	400 LF	46	INSTALL 24"X24" DROP INLET PER DETAIL 11 ON SHEET C-02	1 EA
58	INSTALL 18"X18" DROP INLET PER DETAIL 10 ON SHEET C-02	4 EA	49	INSTALL 12"X12" BROOKS BOX UNDER RUBBER PLAY SURFACE PER ARCHITECT'S PLANS	2 EA

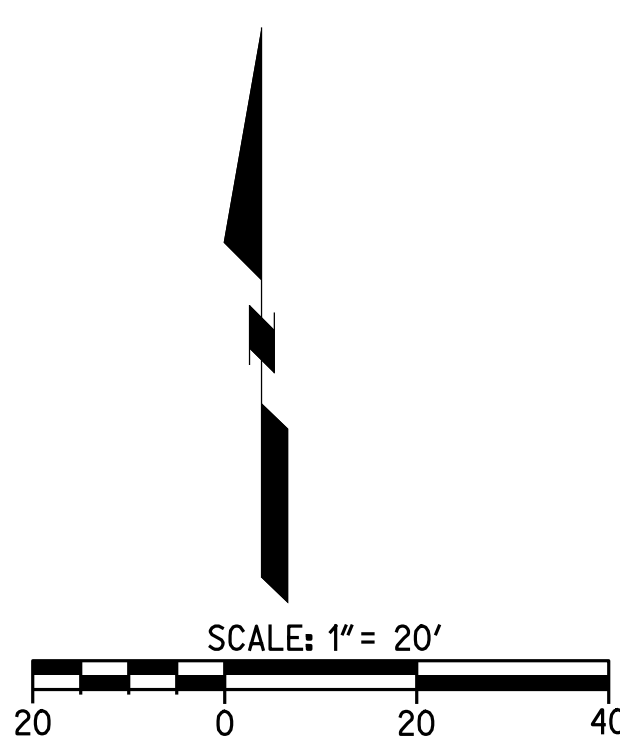


NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 90°00'00" W		18.27'	18" HDPE
2	N 0°00'00" E		20.00'	18" HDPE
3	N 0°00'00" E		27.41'	18" HDPE
4	N 45°00'00" E		7.07'	18" HDPE
5	N 90°00'00" W		10.85'	18" HDPE
6	N 90°00'00" W		29.19'	18" HDPE
7	N 90°00'00" W		9.48'	12" HDPE
8	N 34°50'24" W		59.41'	12" HDPE
9	N 34°50'24" W		66.13'	12" HDPE
10	N 34°50'24" W		4.98'	12" HDPE
11	N 55°09'36" E		4.38'	12" HDPE
12	N 55°09'36" E		18.73'	12" HDPE
13	N 55°09'36" E		18.92'	12" HDPE
14	N 55°09'36" E		4.93'	12" HDPE
15	N 55°09'36" E		36.00'	12" HDPE
16	N 55°09'36" E		11.51'	6" HDPE
17	N 55°09'36" E		8.98'	6" HDPE
18	N 34°50'24" W		35.82'	6" HDPE
19	N 55°09'36" E		75.37'	6" HDPE
20	N 90°00'00" W		64.82'	6" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
21	N 36°52'11" E		5.00'	6" HDPE
22	N 00°00'00" W		17.37'	6" HDPE
23	N 55°09'36" E		2.00'	6" HDPE
24	N 55°09'36" E		6.64'	6" HDPE
25	N 34°50'24" W		36.07'	6" HDPE
26	N 34°50'24" W		36.07'	6" HDPE
27	N 34°50'24" W		36.63'	6" HDPE
28	N 34°50'24" W		36.63'	6" HDPE
29	N 55°09'36" E		6.28'	6" HDPE
30	N 25°09'36" E		10.21'	6" HDPE
31	N 0°00'00" E		16.22'	18" HDPE
32	N 30°00'00" W		27.24'	18" HDPE
33	N 30°00'00" W		26.70'	18" HDPE
34	N 30°00'00" W		52.16'	18" HDPE
35	N 30°00'00" W		4.90'	18" HDPE
36	N 30°00'00" W		31.20'	18" HDPE
37	N 90°00'00" W		37.32'	18" HDPE
38	N 90°00'00" W		71.44'	18" HDPE
39	N 90°00'00" W		32.53'	8" HDPE
40	N 60°00'00" E		16.07'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	N 15°00'00" E		38.91'	6" HDPE
42	N 60°00'00" E		3.17'	6" HDPE
43	N 60°00'00" E		15.34'	6" HDPE
44	N 15°00'00" E		23.94'	8" HDPE
45	N 45°00'00" E		7.15'	8" HDPE
46	N 45°00'00" E		21.33'	8" HDPE
47	N 90°00'00" W		39.98'	8" HDPE
48	N 0°00'00" E		3.00'	6" HDPE
49	N 55°09'36" E		123.23'	8" HDPE
50	N 55°09'36" E		22.90'	8" HDPE
51	N 55°09'36" E		22.97'	8" HDPE
52	N 55°09'36" E		11.16'	8" HDPE
53	N 55°09'36" E		11.16'	8" HDPE
54	N 55°09'36" E		4.32'	8" HDPE
55	N 34°50'24" W		52.11'	8" HDPE
56	N 34°50'24" W		43.02'	8" HDPE
57	N 55°09'36" E		20.91'	8" HDPE
58	N 55°09'36" E		36.33'	8" HDPE
59	N 55°09'36" E		8.83'	8" HDPE
60	N 55°09'36" E		21.62'	8" HDPE

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
61	N 34°50'24" W		30.33'	6" HDPE
62	N 12°20'24" W		109.81'	6" HDPE
63	N 10°09'36" E		34.63'	8" HDPE
64	N 34°50'24" W		6.50'	6" HDPE
65	N 0°00'00" E		16.61'	8" HDPE
66	N 90°00'00" W		9.48'	18" HDPE



Know what's below.
 Call before you dig.

CAUTION:
 EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.



CONSTRUCTION SERVICES AGREEMENT

This Construction Services Agreement (hereinafter referred to as the "Agreement") is entered into this Fourteenth (14th) day of December, 2016, by and between the Oxnard School District, a California school district organized and existing under the laws of the State of California (hereinafter referred to as the "District") and Bernards which is a contractor licensed by the State of California, with its principal place of business at 555 First Street, San Fernando, CA 91340 (hereinafter referred to as "Contractor").

WHEREAS, the District operates Elm Street Elementary School, located at 450 East Elm Street, Oxnard, California 93033 (hereinafter referred to as the "School Facility"); and

WHEREAS, the District desires to construct and modernize facilities and improvements (as more fully described below) at those portions of the School Facility identified in the Site Lease, as defined in Section 1G below (the "Site"); and

WHEREAS, the District has determined that it is in its best interests to pursue the improvements to the School Facility through the lease-leaseback method of project delivery pursuant to California Education Code §17406 which permits the governing board of the District, without advertising for bids, to lease to Contractor property owned by the District if the instrument by which property is leased requires the lessee to construct, or provide for the construction, on the leased property, of a facility for the use of the District during the term of the lease, and provides that title to that facility shall vest in the District at the expiration of the lease; and

WHEREAS, the District desires to finance a portion of the improvements utilizing the lease/leaseback methodology; and

WHEREAS, the District has conducted an RFQ process by which it selected Contractor; and

WHEREAS, the District intends to undertake work to improve the School Facility, the scope of which is generally described in **Exhibits A and B** attached hereto and incorporated by reference herein; and

WHEREAS, in connection with the approval of this Agreement, the District will enter into a site lease with Contractor, under which it will lease to Contractor the Site in order for Contractor to construct the Project as described in the Scope of Work set forth generally in **Exhibits A and B** (hereinafter referred to as the "Scope of Work"); and

WHEREAS, assuming that the District and Contractor can agree on the terms, including the price, for the additional scope of work, the District and Contractor anticipate that the scope of the Project may be amended to include additional work; and

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WHEREAS, Contractor will lease the Site back to the District pursuant to a sublease agreement, under which the District will be required to make payments to Contractor for the use and occupancy of the Site, including the Project (hereinafter the "Financing"); and

WHEREAS, Contractor represents that it is sufficiently experienced in the construction of the type of facility and type of work sought by the District and is willing to perform said work for lease and the Financing to the District, all as more fully set forth herein; and

WHEREAS, at the expiration of the Site Lease, title to the Site and the improvements thereon will vest with the District;

NOW, THEREFORE, in consideration of the covenants hereinafter contained, the District and Contractor agree as follows:

SECTION 1. DEFINITIONS

- A. **Construction.** The term "Construction" as used in this Agreement includes all labor and services necessary for the construction of the Project, and all materials, equipment, tools, supplies and incidentals incorporated or to be incorporated in such construction as fully described in the Scope of Work set forth in **Exhibits A and B** attached hereto. Unless otherwise expressly stipulated, Contractor shall perform all work and provide and pay for all materials, labor tools and equipment, including, but not limited to, light, water, and power, necessary for the proper execution and completion of the Project shown on the drawings and described in the specifications developed pursuant to this Agreement.
- B. **Construction Documents.** The term "Construction Documents" means the final drawings, profiles, cross sections, design development drawings, construction drawings, and supplemental drawings based on the plans and specifications developed for the Project pursuant to the Scope of Work set forth in **Exhibits A and B** attached hereto, including any reference specifications or reproductions prepared by the architect hired by the District (the "Architect") and specifications approved by the District, the Division of the State Architect ("DSA"), and the local agencies having jurisdiction or other regulatory agencies whose approval may be required, which show or describe the location, character, dimensions or details for the Project and specifications for construction thereof.
- C. **Contract Documents.** The term "Contract Documents" as used in this Agreement refers to those documents which form the entire agreement by and between the District and Contractor. The Contract Documents consist of this Agreement, including the exhibits and attachments hereto, the Site Lease, including the exhibits and attachments thereto, the Sublease, including the exhibits and attachments thereto, the Project Manual including the General Conditions thereto, as amended,

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which is incorporated herein (the "General Conditions"), and the Construction Documents. The term "Contract Documents" shall include all modifications and addenda thereto.

- D. **Guaranteed Maximum Price.** The term "Guaranteed Maximum Price" or "GMP" as used in this Agreement means the Guaranteed Maximum Price established pursuant to Section 5 of this Agreement to be used to calculate the Tenant Improvement Payments and the Sublease Payments to be paid by the District to Contractor pursuant to the Sublease, subject only to any adjustments for Extra Work/Modifications as provided in Section 10 of this Agreement.
- E. **Project.** The term "Project" shall mean the improvements and facilities to be constructed and installed by Contractor at the School Facility which will result in complete and fully operational facilities as more fully set forth on **Exhibits A and B** attached hereto.
- F. **Project Manual.** The term "Project Manual" shall mean the compilation of the Specification sections including Division 0, Procurement and Contracting Requirements, Division 1 General Requirements, and technical specifications Division 2 through 33 prepared by the Architect and approved by the District, the DSA, or other regulatory agencies which show or describe the location, character, dimensions or details for the Project, which shall be delivered to Contractor upon execution of this Agreement.
- G. **Site.** The term "Site" as used in this Agreement shall mean those certain parcels of real property and improvements thereon (if any) more particularly described in **Exhibit A** to the Site Lease.
- H. **Site Lease.** The term "Site Lease" as used in this Agreement shall mean the certain Site Lease dated of even date herein between the District and Contractor, together with any duly authorized and executed amendment(s) thereto, pursuant to which the District leases the Site to Contractor.
- I. **Specifications.** The term "Specifications" shall mean those numbered specifications set forth in the Project Manual which shall accompany this Agreement and which are incorporated by reference herein. Individual Specifications may be referred to by their specification number as set forth in the Project Manual.
- J. **Subcontractor.** As used in this Agreement, the term "Subcontractor" means any person or entity, including trade contractors, who have a contract with Contractor to perform any of the Construction.

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- K. **Sublease.** The term "Sublease" as used in this Agreement shall mean the certain Sublease dated of even date herein between the District and Contractor, together with any duly authorized and executed amendment(s) thereto, pursuant to which the District subleases the Site from Contractor.
- L. **Sublease Payments.** The term "Sublease Payments" as used in this Agreement shall mean the payments made by the District to Contractor pursuant to Section 6 of the Sublease.
- M. **Tenant Improvement Payments.** The term "Tenant Improvement Payments" as used in this Agreement shall mean the payments made by the District to Contractor pursuant to Section 6 of the Sublease.

SECTION 2. CONTRACTOR'S DUTIES AND STATUS

Contractor covenants with the District to furnish reasonable skill and judgment in constructing the Project. Contractor agrees to furnish efficient business administration and superintendence and to furnish at all times an adequate supply of professionals, workers, and materials and to perform the work appropriately, expeditiously, economically, and consistent with the Contract Documents.

SECTION 3. ADDITIONAL SERVICES

If the District requests Contractor to perform additional services not described in this Agreement, Contractor shall provide a cost estimate and a written description of the additional work necessary to complete such additional services. The cost for such additional services shall be negotiated and agreed upon in writing in advance of Contractor performing or contracting for such additional services, and such cost shall be used to adjust the GMP established pursuant to Section 5 hereof. In the absence of a written agreement, the District will not compensate Contractor for additional services, will not adjust the GMP for such additional services, and Contractor will not be required to perform them. It is understood and agreed that if Contractor performs any services that it claims are additional services without receiving prior written approval from the District Board of Education, Contractor shall not be paid for such claimed additional services and the GMP will not be adjusted. Nothing in this Agreement shall be construed as limiting the valuation of such additional services and amount that the GMP will be adjusted for such additional services, should a written agreement for such services be executed by the parties. Notwithstanding the foregoing, Contractor shall not be entitled to compensation, nor will the GMP be adjusted, for additional services required as a result of Contractor's acts, errors or omissions.

SECTION 4. OWNERSHIP OF PLANS AND DOCUMENTS

All original field notes, written reports, drawings, specifications, Construction Documents, and other documents, produced or developed for the Project are the property of the District, regardless of whether the Project is constructed, and shall be furnished to the District. Such documents are not to be used by Contractor or by the Subcontractors on other work nor shall Contractor nor the Subcontractors claim any right to such documents. This shall not deprive Contractor from retaining electronic data or other reproducible copies of the Construction Documents or the right to reuse information contained in them in the normal course of Contractor's professional activities.

SECTION 5. ESTABLISHMENT OF GUARANTEED MAXIMUM PRICE

The "GMP" for the Project shall be **Twenty-Three Million Three Hundred Six Thousand Eight Hundred Eighty-Six Dollars and No Cents (\$23,306,886.00)**. The GMP consists of (1) a Sublease Tenant Improvement Payment in the amount of **Twenty-One Million Four Hundred Sixty-Two Thousand Seven Hundred One Dollars and No Cents (\$21,462,701.00)** and, (2) a Contractor Contingency in the amount of **Six Hundred Seventy-Eight Thousand Eight Hundred Forty-One Dollars, and No Cents (\$678,841.00)**, and, (3) Sublease Payments in the amount of **\$97,112.00** per month for **12** months, for a total lease value of **One Million One Hundred Sixty-Five Thousand Three Hundred Forty-Four Dollars and No Cents (\$1,165,344.00)** pursuant to terms and payment schedule as set forth in the Sublease.

The GMP is based upon the plans and specifications existing at the time this Agreement is entered into between Contractor and the District, and more fully described and referenced in the Scope of Work set forth in **Exhibits A and B** attached hereto. Contractor shall assume the risk of cost overruns which were not foreseeable at the time this Agreement is entered into and the GMP determined, except for undocumented events of the type set forth in Section 19 hereof, work mandated by an outside agency after issuance of Construction Documents that could not have been reasonably foreseen from review of the Contract Documents, or costs arising from undocumented geotechnical issues. Contractor acknowledges that (i) Contractor has conducted a site inspection and is familiar with the site conditions based on records, studies and visible conditions relating to construction and labor and (ii) Contractor has reviewed the Contract Documents and is familiar with the contents thereof. District directed changes to the scope of the Project not contemplated in the Scope of Work shall be deemed Extra Work/Modifications pursuant to the procedures set forth in Section 10 of this Agreement. The GMP shall include, but not be limited to, increases in labor and materials. The GMP has been used to calculate the Tenant Improvement Payments and the Sublease Payments to be paid by the District to Contractor pursuant to the Sublease. The GMP includes the cost of all labor, materials, equipment, general conditions, overhead, profit and a Contractor Contingency as indicated above.

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The Contractor Contingency is for the purpose of covering the cost of very specific issues that may arise during construction and it may be used only upon the written agreement of the Contractor, the architect of record, and the District. The Contractor Contingency is to be used only to pay Contractor for the following enumerated reasons: (1) additional costs resulting from discrepancies in the bid buy-out process; (2) conflicts, discrepancies or errors in the Construction Documents; (3) work required by the Inspector of Record or any governmental agency involved in the permitting or approval/certification process that is not otherwise shown in the Construction Documents; and (4) any other items of cost agreed to in writing by the Contractor and District to be included in the Contractor Contingency. The Contractor Contingency shall not be used for costs incurred as a result of Contractor's acts, errors or omissions.

Contractor shall be responsible for tracking expenditures of the Contractor Contingency and shall provide periodic written updates to the District as directed. Unused Contractor Contingency and Allowances at Project completion will reduce the GMP and will result in an adjustment of the Tenant Improvement Payments and possibly the Sublease Payments.

The District shall at all times have the right to reduce the scope of the Project. If the District reduces the scope of the Project, the GMP shall be reduced commensurate with the reduced Scope of Work pursuant to the provisions of Section 10, below, and will result in an adjustment of the Tenant Improvement Payments and, if applicable, the Sublease Payments.

SECTION 6. NOTICE TO PROCEED WITH CONSTRUCTION

Upon receipt of an approved GMP, the District shall issue a notice to Contractor to proceed with the Construction of the Project. In the event that a Notice to Proceed with Construction is not issued for the Project, the Site Lease and the Sublease shall terminate upon written notice from the District to Contractor that a Notice of Proceed will not be issued.

SECTION 7. SAVINGS

If Contractor realizes a savings on one aspect of the Project, such savings shall be tracked and Contractor shall provide periodic written updates of such savings. Such savings shall be added to the Contractor Contingency and the use of such savings shall be as set forth in Section 5. However, if such savings are not so utilized, the amount of such savings shall reduce the GMP and will result in an adjustment of the Tenant Improvement Payments and, if applicable, the Sublease Payments.

SECTION 8. SELECTION OF SUBCONTRACTORS

In the interest of minimizing the expenditure of funds for the construction of the Project, Contractor agrees to select Subcontractors who are appropriately licensed by the State of California for each trade component of the Project in a manner that fosters competition. Contractor agrees that it will either solicit bids from potential subcontractors pursuant to the

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competitive bid procedures set forth in the California Public Contract Code, including specifically Public Contract Code section 20110, et seq., or that it will utilize an informal bidding process established by Contractor which also incorporates competitive bid procedures. Regardless of the method Contractor employs, Contractor will make a good faith effort to contact and utilize DVBE contractors and suppliers in securing bids for performance of the Project in accordance with the procedures set forth in Section 1.77 of the General Conditions. In the event that Contractor chooses to select Subcontractors pursuant to an informal bidding process, Contractor shall ensure that it receives at least three competitive quotes from potential subcontractors for each trade component of the Project, unless the parties agree otherwise on a trade-by-trade basis. The District reserves the right to oversee the bidding process. Contractor shall inform all bidders that the District will not be a party to any contracts for construction services executed by Contractor and selected bidders. Contractor shall submit a listing of proposed subcontractors to the District for the District's review. In no case, will Contractor award any sub-contracts until the District has concurred in the scope and price of the sub-contracted services. In addition, Contractor shall provide the District with full documentation regarding the bids or competitive quotes received by Contractor. In no event, shall such documentation be redacted or obliterated. In the event Contractor does not comply with this provision, the District may terminate this Agreement in accordance with the provisions of the General Conditions. Subcontractors awarded contracts by Contractor shall be afforded all the rights and protections of listed subcontractors under the provisions of the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100, et seq.).

SECTION 9. CONSTRUCTION SCOPE OF WORK

- A. Prior to commencing Construction, Contractor shall comply with the initial schedule requirements set forth in the General Conditions.
- B. Contractor shall complete the Construction pursuant to the Construction Documents as amended subject to any additional DSA or other regulatory approvals as may be required, performing all work set forth in the Scope of Work, and shall make reasonable efforts in scheduling to prevent disruption to classes.
- C. Contractor shall be responsible for complying with all applicable building codes, including without limitation mechanical codes, electrical codes, plumbing codes and fire codes, each of the latest edition, required by the regulatory agencies and for arranging and overseeing all necessary inspections and tests including inspections by the DSA or regulatory agencies, permits and occupancy permits, and ensuring compliance with any Federal and State laws, including, but not limited to, safety procedures and requirements, and construction employee training programs which cover among other items, hazardous chemicals and materials.

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- D. Contractor shall establish procedures for the protection of all existing structures, equipment, utilities, and other existing improvements, both on-site and off-site. Contractor assumes all risk of loss of vandalism, theft of property or other property damage ("Vandalism") which occurs at a site at which Contractor is undertaking construction of the Project. Contractor assumes all risk of loss which occurs where Contractor is undertaking construction of the Project from causes due to negligence or misconduct by Contractor, its officers, employees, subcontractors, licensees and invitees. Contractor shall replace District property damaged by such Vandalism or theft or compensate the District for such loss, including payment of out of pocket expenses such as insurance deductibles the District might incur under such circumstances.
- E. Contractor shall develop a mutually agreed upon program with the District to abate and minimize noise, dust, and disruption to normal activities at the existing facilities at the School Facility, including procedures to control on-site noise, dust, and pollution during construction.
- F. The District shall cause the appropriate professionals to stamp and sign, as required, the original Construction Documents or parts thereof and coordinate the Project's design with all utilities.
- G. Contractor shall, for the benefit of the Subcontractors, attend pre-construction orientation conferences in conjunction with the Architect to set forth the various reporting procedures and site rules prior to the commencement of actual construction. Contractor shall also attend construction and progress meetings with District representatives and other interested parties, as requested by the District, to discuss such matters as procedures, progress problems and scheduling. Contractor shall prepare and promptly distribute official minutes of such meetings to all parties in attendance, including without limitation the District, the Architect and the District Inspector of Record.
- H. Contractor shall incorporate approved changes as they occur, and develop cash flow reports and forecasts for submittal to the District as requested. Contractor shall provide regular monitoring of the approved estimates for Construction costs, showing actual costs for activities in progress, and estimates for uncompleted tasks. Contractor shall maintain cost accounting records on authorized additional services or work performed under unit costs, additional work performed on the basis of actual costs of labor and materials, and for other work requiring accounting records.
- I. Contractor shall record the progress of the Project and shall submit monthly written progress reports to the District and the Architect including information on the entire Project, showing percentages of completion and the number and amounts of

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proposed Extra Work/Modifications and their effect on the construction costs as of the date of each respective report.

- J. Contractor shall keep a log containing a record of weather, Subcontractors, work on the site, number of workers, work accomplished, problems encountered, and other similar relevant data as the District may require. Contractor shall make the log available to the District, the Architect, and the District's project manager. The District shall be promptly advised on all anticipated delays in the Project.
- K. The District shall bear the cost for the DSA Inspector, soils testing, DSA or other regulatory agency fees, and special testing required in the construction of the Project. If additional review or permits become necessary for reasons not due to Contractor's fault or because of DSA or regulatory agency requirements or regulations implemented after the date the Final GMP is established and not reasonably anticipated at the time the Final GMP is established, Contractor may seek additional compensation for the cost of that review as an additional cost. In the alternative, the District may pay such costs directly.

SECTION 10. EXTRA WORK/MODIFICATIONS

- A. The District may prescribe or approve additional work or a modification of requirements or of methods of performing the Construction which differ from the work or requirements set forth in the Construction Documents ("Extra Work/Modifications"); and for such purposes the District may at any time during the life of this Agreement, by written order, make such changes as it shall find necessary in the design, line, grade, form, location, dimensions, plan, or material of any part of the work or equipment specified in this Agreement or in the Construction Documents, or in the quantity or character of the work or equipment to be furnished. In the event conditions develop which, in the opinion of Contractor, makes strict compliance with the specifications impractical, Contractor shall notify the District of the need for Extra Work/Modifications by placing the matter on the agenda of regularly scheduled construction meetings with the District for discussion as soon as practicable after the need for the Extra Work/Modifications is determined. Additionally, Contractor shall submit to the District for its consideration and approval or disapproval, a written request for Extra Work/Modifications before such work is performed. If the District approves the request in writing, the costs of the Extra Work/Modification shall be added to or deducted from the GMP or the Scope of Work shall be modified to complete the Project within the GMP, as applicable. Any adjustments to the GMP will result in an adjustment of the Tenant Improvement Payment and, if applicable, the Sublease Payments.

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- B. Extra Work/Modifications include work related to unforeseen underground conditions if, and only if, such conditions are not visible or identified on plans, reports or other documents available to Contractor. Extra Work/Modifications do not include underground conditions that are identified on plans, reports or other documents available to Contractor but are in a location different than is set forth on such plans, reports or other documents available to Contractor. It should be noted, however, that the District has advised and provided Contractor with information regarding the shallow water table and recent projects experience with encountering water when digging. Contractor has included in its calculation of the GMP an amount to mitigate for encountering water when completing the scope of work contemplated herein. Therefore, Extra Work/Modifications do not include expenses incurred by, and/or work performed by, Contractor in connection with such shallow water table and with encountering water when digging.
- C. Should Contractor claim that any instruction, request, drawing, specification, action, condition, omission, default or other situation (i) obligates the District to increase the GMP; or (ii) obligates the District to grant an extension of time for the completion of this Agreement; or (iii) constitutes a waiver of any provision in this Agreement, CONTRACTOR SHALL NOTIFY THE DISTRICT, IN WRITING, OF SUCH CLAIM AS SOON AS POSSIBLE, BUT IN NO EVENT WITHIN MORE THAN TEN (10) DAYS FROM THE DATE CONTRACTOR HAS ACTUAL OR CONSTRUCTIVE NOTICE OF THE CLAIM. CONTRACTOR SHALL ALSO PROVIDE THE DISTRICT WITH SUFFICIENT WRITTEN DOCUMENTATION SUPPORTING THE FACTUAL BASIS OF THE CLAIM including items used in valuing said claim. Contractor shall be required to certify under penalty of perjury the validity and accuracy of any claims submitted. Contractor's failure to notify the District within such ten (10) day period shall be deemed a waiver and relinquishment of the claim against the District.
- D. Expenses of reconstruction and/or costs to replace and/or repair damaged materials and supplies, provided that Contractor is not fully compensated for such expenses and/or costs by insurance or otherwise, shall be included in an increase to the GMP if said expenses are the result of the negligent acts or omissions of the District, or its principals, agents, servants, or employees.

SECTION 11. NOT USED

SECTION 12. PERSONNEL ASSIGNMENT

- A. Contractor shall assign **Jaime Pace** as Project Manager/Superintendent for the Project. So long as **Jaime Pace** remains in the employ of Contractor, such person shall not be changed or substituted from the Project, or cease to be fully committed to

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the Project except as provided in this Section. In the event Contractor deems it necessary, Contractor shall replace the manager and/or the superintendent for the Project with a replacement with like qualifications and experience, subject to the prior written consent of the District, which consent shall not be unreasonably withheld. Any violation of the terms of paragraph A of this Section 12 shall entitle the District to terminate this Agreement for breach, pursuant to the provisions of the General Conditions.

- B. Notwithstanding the foregoing provisions of paragraph A of Section 12, above, if any manager and/or superintendent proves not to be satisfactory to the District, upon written notice from the District to Contractor, such person(s) shall be promptly replaced by a person who is acceptable to the District in accordance with the following procedures: Within five (5) business days after receipt of a notice from the District requesting replacement of any manager and/or superintendent or discovery by Contractor that any manager and/or superintendent is leaving their employ, as the case may be, Contractor shall provide the District with the name of an acceptable replacement/substitution together with such information as the District may reasonably request about such replacement/substitution. The replacement/substitution shall commence work on the Project no later than five (5) business days following the District's approval of such replacement, which approval shall not be unreasonably withheld. If the District and Contractor cannot agree as to the replacement/substitution, the District shall be entitled to terminate this Agreement for breach pursuant to the provisions of the General Conditions.

SECTION 13. BONDING REQUIREMENTS

Contractor shall fully comply with the requirements set forth in Section 6.9 of the General Conditions.

SECTION 14. PAYMENTS TO CONTRACTOR

- A. Contractor shall finance the cost of construction of the Project which costs shall not exceed the GMP, which shall not be adjusted except as otherwise provided in this Agreement. The District shall pay Contractor Tenant Improvement Payments and Sublease Payments pursuant to the terms and conditions of Section 6 of the Sublease. In the event of a dispute between the District and Contractor, the District may withhold from the Tenant Improvement Payments and the Sublease Payments an amount not to exceed one hundred fifty percent (150%) of the disputed amount.
- B. This Agreement is subject to the provisions of California Public Contract Code Sections 7107, 7201 and 20104.50 as they may from time to time be amended.

- C. For purposes of this Agreement, the acceptance by the District means acceptance made only by an action of the governing body of the District in session. Acceptance by Contractor of the final Tenant Improvement Payment or the Sublease Payment, as the case may be, shall constitute a waiver of all claims against the District related to those amounts.

SECTION 15. CONTRACTOR'S CONTINUING RESPONSIBILITY

Neither the final payment nor any provision in the Contract Documents shall relieve Contractor of responsibility for faulty materials or workmanship incorporated in the Project or for any failure to comply with the requirements of the Contract Documents.

SECTION 16. INSURANCE

Contractor shall provide, during the life of this Agreement, the types and amounts of insurance set forth in Article 6 of the General Conditions, which are incorporated by reference herein.

SECTION 17. USE OF PREMISES

Contractor shall confine operations at the Site to areas permitted by law, ordinances, permits and the Construction Documents and shall not unreasonably encumber the Site or existing School Facilities at the Site with any materials or equipment. Contractor shall not load or permit any part of the work to be loaded with a weight so as to endanger the safety of persons or property at the Site.

SECTION 18. SITE REPRESENTATIONS

The District warrants and represents that the District has, and will continue to retain at all times during the course of construction, legal title to the Site and that said land is properly subdivided and zoned so as to permit the construction and use of said Site with respect to the Project. The District further warrants and represents that title to said land is free of any easements, conditions, limitation, special permits, variances, agreements or restrictions which would prevent, limit or otherwise restrict the construction or use of said Site pursuant to this Agreement. Reference is made to the fact that the District has provided information on the Site to Contractor. Such information shall not relieve Contractor of its responsibility; and the interpretation of such data regarding the Site, as disclosed by any borings or other preliminary investigations, is not warranted or guaranteed, either expressly or implicitly, by the District. Contractor shall be responsible for having ascertained pertinent local conditions such as location, accessibility and general character of the Site and for having satisfied itself as to the conditions under which the work is to be performed. No claim for any allowances because of Contractor's error or negligence in acquainting itself with the conditions at the Site will be recognized.

SECTION 19. HAZARDOUS WASTE AND UNKNOWN PHYSICAL CONDITIONS

Contractor shall comply with the District's Hazardous Materials Procedures and Requirements as set forth herein.

- A. If the District has identified the presence of hazardous materials on or in proximity to the Site (the "Pre-existing Hazardous Materials"), Contractor shall review all information provided by the District that characterizes the Pre-existing Hazardous Materials and shall take the actions approved by DTSC and issued by the District necessary to address the Pre-existing Hazardous Materials in the performance of the work. Contractor shall conduct the work based on this information issued at the time contract documents are executed. Contractor shall immediately communicate, in writing, any variances from available information to the District.
- B. The District will retain an additional independent environmental consultant to perform the investigation, inspection, testing, assessment, sampling and analysis necessary to prepare and recommend a remediation plan for the Pre-existing Hazardous Materials for the District's approval (the "Remediation Plan").
- C. The District will retain title to all Pre-existing Hazardous Materials encountered during the work. This does not include hazardous material generated by Contractor, including but not limited to used motor oils, lubricants, cleaners, etc. Contractor shall dispose of such hazardous waste in accordance with the provisions of the Contract Documents, as well as local, State and Federal laws and regulations. The District will be shown as the hazardous waste generator and will sign all hazardous waste shipment manifests for non-Contractor generated hazardous waste. Nothing contained within these Contract Documents shall be construed or interpreted as requiring Contractor to assume the status of owner or generator of hazardous waste substances for non-Contractor generated hazardous wastes.
- D. Except as otherwise provided herein, it is the responsibility of Contractor to obtain governmental approvals relating to Hazardous Materials Management, including Federal and State surface water and groundwater discharge permits and permits for recycling and reuse of hazardous materials for all work noted in the contract documents. Contractor shall be responsible for coordinating compliance with such governmental approvals and applicable governmental rules with the District's hazardous materials consultant, including those governing the preparation of waste profiles, waste manifests, and bills of lading. If Contractor encounters hazardous materials, it shall immediately notify the District in writing. The District, Consultant and Contractor shall jointly establish the plan for disposition and actions to be taken with respect to the hazardous materials, subject to final written approval by the District.

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E. If, during construction, Contractor encounters materials, conditions, waste, contaminated groundwater or substances, not identified in the District's assessment report, that Contractor reasonably suspects are hazardous materials, Contractor shall stop the affected portion of the work, secure the area, promptly notify the District, and take reasonable measures to mitigate the impact of such work stoppage. The District shall retain the services of an environmental consultant to perform investigation, inspection, testing, assessment, sampling and analysis of the suspect materials, conditions, waste, groundwater or substances.

(1) Found Not to be Hazardous Materials. If the environmental consultant determines that the materials, conditions, waste, contaminated groundwater or substances do not constitute hazardous materials, Contractor shall recommence the suspended work.

(2) Found to be Hazardous Materials. If the environmental consultant determines that the materials, conditions, waste, contaminated groundwater or substances constitute hazardous materials and such hazardous materials require remediation and disposal, then the District, Consultant and Contractor shall jointly establish the plan for disposition and actions to be taken with respect to the hazardous materials, subject to final written approval by the District. All such costs shall be the responsibility of the District.

F. Exacerbation of Pre-Existing Hazardous Materials.

If during construction Contractor encounters pre-existing environmental conditions that it knew or should have known involve hazardous materials (the "Point of Discovery") (which encounters may include an unavoidable release or releases of hazardous materials) then Contractor must immediately stop the affected portion of the work. If Contractor fails to immediately stop the affected portion of the work after the Point of Discovery, then Contractor is solely responsible for any resultant Exacerbation Cost. "Exacerbate," in all its forms, means the worsening effects of Contractor's failure to stop the affected portion of work after the Point of Discovery. "Exacerbation Cost" means the differential between (i) the actual increase in the cost of remediation and delays to the Project attributable to pre-existing environmental conditions involving hazardous substances, and (ii) the cost thereof or delays thereto had Contractor immediately stopped the affected portion of the work after the Point of Discovery. The standard of "should have known" applies to Contractor's supervisory personnel, whether or not on the Site. Contractor's supervisory personnel must have had the hazardous material training required by applicable OSHA and Cal OSHA rules or regulations.

SECTION 20. INDEPENDENT CONTRACTOR

- A. Contractor is retained as an independent contractor and is not employed by the District. No employee or agent of Contractor shall become, or be considered to be, an employee of the District for any purpose. It is agreed that the District is interested only in the results obtained from service under this Agreement and that Contractor shall perform as an independent contractor with sole control of the manner and means of performing the services required under this Agreement. Contractor shall complete this Agreement according to its own methods of work which shall be in the exclusive charge and control of Contractor and which shall not be subject to control or supervision by the District except as to results of the work. It is expressly understood and agreed that Contractor and its employees shall in no event be entitled to any benefits to which the District employees are entitled, including, but not limited to, overtime, retirement benefits, insurance, vacation, worker's compensation benefits, sick or injury leave or other benefits.

- B. Contractor shall be responsible for all salaries, payments, and benefits for all of its officers, agents, and employees in performing services pursuant to this Agreement.

SECTION 21. ACCOUNTING RECORDS

Contractor, and all Subcontractors, shall check all materials, equipment and labor entering into the work and shall keep or cause to be kept such full and detailed accounts as may be necessary for proper financial management under this Agreement, including true and complete books, records and accounts of all financial transactions in the course of their activities and operations related to the Project. These documents include sales slips, invoices, payrolls, personnel records, requests for Subcontractor payment, and other data relating to all matters covered by the Contract Documents (the "Data"). The Data shall be maintained for ten (10) years from the latest expiration of the term (as such may be extended) of any of the Contract Documents. Contractor shall use its best efforts to cause its Subcontractors to keep or cause to be kept true and complete books, records and accounts of all financial transactions in the course of its activities and operations related to the Project. Upon completion of the Project, Contractor shall provide the District with one (1) complete copy of the Data.

The District, at its own costs, shall have the right to review and audit, upon reasonable notice, the books and records of Contractor and any Subcontractors concerning any monies associated with the Project.

SECTION 22. PERSONAL LIABILITY

Neither the trustees, officers, employees, or agents of District, the District's representative, or Architect shall be personally responsible for any liability arising under the Contract Documents.

SECTION 23. AGREEMENT MODIFICATIONS

No waiver, alteration or modification of any of the provisions of this Agreement shall be binding upon either the District or Contractor unless the same shall be in writing and signed by both the District and Contractor.

SECTION 24. NOTICES

Any notices or filings required to be given or made under this Agreement shall be served, given or made in writing upon the District or Contractor, as the case may be, by personal delivery or registered mail (with a copy sent via fax or regular mail) to the respective addresses given below or at such other address as such party may provide in accordance with the provisions herein. Any change in the addresses noted herein shall not be binding upon the other party unless preceded by no less than thirty (30) days prior written notice.

If to Contractor:

Bernards
555 First Street
San Fernando, CA 91340
Attn: Rick Fochtman

If to the District:

Oxnard School District
1051 South A Street
Oxnard, California 93030

Attn: Dr. Cesar Morales, Superintendent

With a copy to Nitasha Sawhney,
Garcia, Hernandez, Sawhney & Bermudez LLP
2490 Mariner Square Loop, Suite 140
Alameda, CA 94501

And with an additional copy to Scott Burkett,

Caldwell Flores Winters, Inc.
6425 Christie Ave., Suite 270
Emeryville, CA 94608

Notices under this Agreement shall be deemed to have been given, and shall be effective upon actual receipt by the other parties, or, if mailed, upon the earlier of the fifth (5th) day after mailing or actual receipt by the other party.

SECTION 25. ASSIGNMENT

Neither party to this Agreement shall assign this Agreement or sublet it as a whole without the written consent of the other, nor shall Contractor assign any monies due or to become due to it hereunder without the prior written consent of the District.

SECTION 26. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required to be inserted in these Contract Documents shall be deemed to be inserted herein and the Contract Documents shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted or is not inserted correctly, then upon application of either party the Contract Documents shall forthwith be physically amended to make such insertion or correction.

SECTION 27. HEADINGS

The headings in this Agreement are inserted only as a matter of convenience and reference and are not meant to define, limit or describe the scope or intent of the Contract Documents or in any way to affect the terms and provisions set forth herein.

SECTION 28. APPLICABLE LAW

This Agreement shall be governed by and construed in accordance with the laws of the State of California. The parties irrevocably agree that any action, suit or proceeding by or among the District and Contractor shall be brought in whichever of the Superior Courts of the State of California, Ventura County, or the Federal Court for the Central District of California in Los Angeles, California, has subject matter jurisdiction over the dispute and waive any objection that they may now or hereafter have regarding the choice of forum whether on personal jurisdiction, venue, forum non conveniens or on any other ground.

SECTION 29. SUCCESSION OF RIGHTS AND OBLIGATIONS

All rights and obligations under this Agreement shall inure to and be binding upon the successors and assigns of the parties hereto.

SECTION 30. NOTIFICATION OF THIRD PARTY CLAIMS

The District shall provide Contractor with timely notification of the receipt by the District of any third-party claim relating to this Agreement, and the District may charge back to Contractor the cost of any such notification.

SECTION 31. SEVERABILITY

If any one or more of the terms, covenants or conditions of this Agreement shall to any extent be declared invalid, unenforceable, void or voidable for any reason whatsoever by a court of competent jurisdiction, the finding or order or decree of which becomes final, none of the remaining terms, provisions, covenants and conditions of the Contract Documents shall be affected thereby, and each provision of the Contract Documents shall be valid and enforceable to the fullest extent permitted by law.

SECTION 32. ENTIRE AGREEMENT

This Construction Services Agreement and the additional Contract Documents as defined in paragraph C of Section 1 herein, including the Site Lease, the Sublease, and the Specifications, drawings, and plans constitute the entire agreement between Contractor and the District. The Contract Documents shall not be amended, altered, changed, modified or terminated without the written consent of both parties hereto, except as otherwise provided in Section 10 hereof.

SECTION 33. EXECUTION IN COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together shall constitute one instrument.

IN WITNESS, WHEREOF the parties hereto, intending to be legally bound thereby, have executed this Agreement effective as of the date first above written.

CONTRACTOR

Bernards



THE DISTRICT

Oxnard School District,
a California school district

#16-199

By: Rick Fochtman

By: Lisa A. Franz

Title: Senior Vice President

Title: Director, Purchasing

Date: 01/12/2017

Date: 1-24-17

EXHIBITS A and B

Scope of Work

EXHIBIT A

Scope of Work

Plan Sheets Prepared by SVA Architects, Arch. Project No. 1340159, DSA No. 03-116407, DSA Approval 8/1/2016

PROJECT DESCRIPTION

DEMOLITION OF EXISTING SCHOOL, AND NEW CONSTRUCTION OF KINDERGARTEN, CLASSROOM, ADMIN/MEDIA, AND MULTI-PURPOSE BUILDINGS, AND BOTH ON AND OFF SITE IMPROVEMENTS

The Project will be completed in two (2) Phases over a twenty-one (22) month duration. **Phase 1**, (construction of new campus facilities), shall commence in January 2017 and complete in June 2018. **Phase 2**, (demolition of the existing campus and completion of the new sports field) shall commence in June 2018 and complete in October 2018. A total duration of Six-Hundred Sixty-One (661) Calendar Days. The total of the Guaranteed Maximum Price ("GMP") for the Elm E.S. Reconstruction Project shall be: **Twenty-Three Million Three Hundred Six Thousand Eight Hundred Eighty-Six Dollars and No Cents (\$23,306,886.00)**.

GENERAL PLAN SHEETS**PLAN SHEET DATE**

GEN-1	SHEET INDEX, PROJECT SUMMARY & GENERAL INFORMATION	1/8/2016
GEN-2	GENERAL NOTES	1/8/2016
GEN-3	PROJECT COMPLIANCE SIGNAGE	1/8/2016
GEN-4	COMMON AREA ACCESSIBILITY NOTES & DETAILS	1/8/2016
GEN-5	SITE ACCESSIBILITY COMPLIANCE	1/8/2016
GEN-6	ELEVATOR ACCESSIBILITY DETAILS AND NOTES	1/8/2016

CIVIL PLAN SHEETS

C-01	TITLE SHEET	4/8/2016
C-02	DETAIL SHEET	4/8/2016
C-03	DETAIL SHEET	4/8/2016
C-04	DETAIL SHEET	4/8/2016
C-05	DEMOLITION PLAN	4/8/2016
C-06	PRECISE GRADING	4/8/2016
C-07	PRECISE GRADING	4/8/2016
C-08	UTILITY PLAN	4/8/2016
C-09	STORM DRAIN PLAN	4/8/2016
C-10	STORM DRAIN DETAILS	4/8/2016
C-11	STORM DRAIN DETAILS	4/8/2016
C-12	STORM DRAIN DETAILS	4/8/2016
C-13	STORM DRAIN DETAILS	4/8/2016

ARCHITECTURE PLAN SHEETS

A0-0.1	PROJECT DATA	1/8/2016
A0-1.0	CAMPUS PLAN	1/8/2016
A0-1.1	SITE PLAN	1/8/2016
A0-1.2	FIRE ACCESS PLAN	1/8/2016
A0-1.3	ENLARGED SITE PLANS	1/8/2016
A0-2.1	CLASSROOM OCCUPANCY SCHEDULE AND EXIT ANALYSIS	1/8/2016
A0-2.2	MPR OCCUPANCY SCHEDULE AND EXIT ANALYSIS	1/8/2016
A0-2.3	ADMIN OCCUPANCY SCHEDULE AND EXIT ANALYSIS	1/8/2016
A0-2.4	KINDERGARTEN OCCUPANCY SCHEDULE AND EXIT ANALYSIS	1/8/2016

EXHIBIT A

Scope of Work

ARCHITECTURE PLAN SHEETS, continued

A1-11.1	CLASSROOM BLDG 1 - FLOOR PLAN - LEVEL 1	4/8/2016
A1-11.2	CLASSROOM BLDG 1 - FLOOR PLAN - LEVEL 2	4/8/2016
A1-11.3	CLASSROOM BLDG 1 - ROOF PLAN	4/8/2016
A1-11.4	CLASSROOM BLDG 1 - REFLECTED CEILING PLAN	4/8/2016
A1-11.5	CLASSROOM BLDG 1 - REFLECTED CEILING PLAN	4/8/2016
A1-21.1	CLASSROOM BLDG 1 - BUILDING ELEVATIONS	4/8/2016
A1-21.2	CLASSROOM BLDG 1 - BUILDING ELEVATIONS	4/8/2016
A1-31.1	CLASSROOM BLDG 1 - BUILDING SECTIONS	4/8/2016
A1-31.2	CLASSROOM BLDG 1 - BUILDING SECTIONS	4/8/2016
A1-31.3	CLASSROOM BLDG 1 - BUILDING SECTIONS	4/8/2016
A1-32.1	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-32.2	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-32.3	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-32.4	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-32.5	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-32.6	CLASSROOM BLDG 1 - WALL SECTIONS	4/8/2016
A1-41.1	CLASSROOM BLDG 1 - ENLARGED PLANS	4/8/2016
A1-41.2	CLASSROOM BLDG 1 - ENLARGED PLANS	4/8/2016
A1-41.3	CLASSROOM BLDG 1 - ENLARGED PLANS	4/8/2016
A1-45.1	CLASSROOM BLDG 1 - ENLARGED STAIR #1 PLANS	4/8/2016
A1-45.2	CLASSROOM BLDG 1 - ENLARGED STAIR #2 PLANS AND ELEVATOR	4/8/2016
A1-45.3	CLASSROOM BLDG 1 - ENLARGED STAIR #3 PLANS	4/8/2016
A1-45.4	CLASSROOM BLDG 1 - ELEVATOR SECTIONS	4/8/2016
A1-51.1	CLASSROOM BLDG 1 - INTERIOR ELEVATIONS	4/8/2016
A1-51.2	CLASSROOM BLDG 1 - INTERIOR ELEVATIONS	4/8/2016
A1-51.3	CLASSROOM BLDG 1 - INTERIOR ELEVATIONS	4/8/2016
A1-51.4	CLASSROOM BLDG 1 - INTERIOR ELEVATIONS	4/8/2016
A1-52.1	CLASSROOM BLDG 1 - DOOR SCHEDULE	4/8/2016
A1-52.2	CLASSROOM BLDG 1 - WINDOW SCHEDULE	4/8/2016
A1-53.1	CLASSROOM BLDG 1 - FINISH SCHEDULE	4/8/2016
A2-11.1	MPR BUILDING 2 - FLOOR PLAN	4/8/2016
A2-11.2	MPR BUILDING 2 - ROOF PLAN	4/8/2016
A2-11.3	MPR BUILDING 2 - REFLECTED CEILING PLAN	4/8/2016
A2-11.4	MPR BUILDING 2 - UPPER REFLECTED CEILING PLAN	4/8/2016
A2-21.1	MPR BUILDING 2 - EXTERIOR ELEVATIONS	4/8/2016
A2-31.1	MPR BUILDING 2 - BUILDING SECTIONS	4/8/2016
A2-32.1	MPR BUILDING 2 - WALL SECTIONS	4/8/2016
A2-32.2	MPR BUILDING 2 - WALL SECTIONS	4/8/2016
A2-32.3	MPR BUILDING 2 - WALL SECTIONS	4/8/2016
A2-32.4	MPR BUILDING 2 - WALL SECTIONS	4/8/2016
A2-41.1	MPR BUILDING 2 - ENLARGED PLANS	4/8/2016
A2-51.1	MPR BUILDING 2 - INTERIOR ELEVATIONS	4/8/2016

EXHIBIT A

Scope of Work

ARCHITECTURE PLAN SHEETS, continued

A2-52.1	MPR BUILDING 2 - DOOR SCHEDULE	4/8/2016
A2-52.2	MPR BUILDING 2 - WINDOW SCHEDULE	4/8/2016
A2-53.1	MPR BUILDING 2 - FINISH SCHEDULE	4/8/2016
A3-11.1	ADMIN - BLDG. 3 - FLOOR PLAN	1/8/2016
A3-11.2	ADMIN - BLDG. 3 - ROOF PLAN	1/8/2016
A3-11.3	ADMIN - BLDG. 3 - REFLECTED CEILING PLAN	1/8/2016
A3-21.1	ADMIN - BLDG. 3 - BUILDING ELEVATIONS	1/8/2016
A3-31.1	ADMIN - BLDG. 3 - BUILDING SECTIONS	1/8/2016
A3-31.2	ADMIN - BLDG. 3 - BUILDING SECTIONS	1/8/2016
A3-32.1	ADMIN - BLDG. 3 - WALL SECTIONS	1/8/2016
A3-32.2	ADMIN - BLDG. 3 - WALL SECTIONS	1/8/2016
A3-32.3	ADMIN - BLDG. 3 - WALL SECTIONS	1/8/2016
A3-32.4	ADMIN - BLDG. 3 - WALL SECTIONS	1/8/2016
A3-32.5	ADMIN - BLDG. 3 - WALL SECTIONS	1/8/2016
A3-41.1	ADMIN - BLDG. 3 - ENLARGED PLANS	1/8/2016
A3-41.2	ADMIN - BLDG. 3 - ENLARGED PLANS	1/8/2016
A3-51.1	ADMIN - BLDG. 3 - INTERIOR ELEVATIONS	1/8/2016
A3-52.1	ADMIN - BLDG. 3 - DOOR SCHEDULE	1/8/2016
A3-52.2	ADMIN - BLDG. 3 - WINDOW SCHEDULE	1/8/2016
A3-53-1	ADMIN - BLDG. 3 - FINISH SCHEDULE	1/8/2016
A4-11.1	KINDERGARTEN BLDG 4 - FLOOR PLAN	1/8/2016
A4-11.2	KINDERGARTEN BLDG 4 - ROOF PLAN	1/8/2016
A4-11.3	KINDERGARTEN BLDG 4 - REFLECTED CEILING PLAN	1/8/2016
A4-21.1	KINDERGARTEN BLDG 4 - BUILDING ELEVATIONS	1/8/2016
A4-31.1	KINDERGARTEN BLDG 4 - BUILDING SECTIONS	1/8/2016
A4-32.1	KINDERGARTEN BLDG 4 - WALL SECTIONS	1/8/2016
A4-32.2	KINDERGARTEN BLDG 4 - WALL SECTIONS	1/8/2016
A4-32.3	KINDERGARTEN BLDG 4 - WALL SECTIONS	1/8/2016
A4-32.4	KINDERGARTEN BLDG 4 - WALL SECTIONS	1/8/2016
A4-41.1	KINDERGARTEN BLDG 4 - ENLARGED PLANS	1/8/2016
A4-41.2	KINDERGARTEN BLDG 4 - ENLARGED PLANS	1/8/2016
A4-51.1	KINDERGARTEN BLDG 4 -INTERIOR ELEVATIONS	1/8/2016
A4-51.2	KINDERGARTEN BLDG 4 -INTERIOR ELEVATIONS	1/8/2016
A4-52.1	KINDERGARTEN BLDG 4 - DOOR SCHEDULE	1/8/2016
A4-52.2	KINDERGARTEN BLDG 4 - WINDOW SCHEDULE	1/8/2016
A4-53.1	KINDERGARTEN BLDG 4 - FINISH SCHEDULE	1/8/2016
A-60.1	FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES	1/8/2016
A-61.1	WALL TYPES - WOOD FRAMING	1/8/2016
A-61.2	WALL TYPES - WOOD FRAMING	1/8/2016
A-61.3	WALL DETAILS - WOOD FRAMING	1/8/2016
A-61.4	PENETRATION ASSEMBLIES	1/8/2016
A-62.1	DOOR DETAILS	1/8/2016

EXHIBIT A

Scope of Work

ARCHITECTURE PLAN SHEETS, continued

A-62.2	WINDOW DETAILS	1/8/2016
A-62.3	STOREFRONT DETAILS	1/8/2016
A-62.4	WALL TERMINATION DETAILS	1/8/2016
A-63.1	ROOF DETAILS	1/8/2016
A-63.2	STAIR/GUARDRAIL DETAILS	1/8/2016
A-63.3	GYMNASIUM STRIPING PLAN	1/8/2016
A-63.4	RAILING DETAILS	1/8/2016
A-63.5	GATE DETAILS	1/8/2016
A-63.6	SITE DETAILS	1/8/2016
A-64.1	CEILING DETAIL (LAY-IN PANELS)	1/8/2016
A-64.2	CEILING DETAILS (GYP BD) & WALL DETAILS	1/8/2016
A-64.3	CASEWORK DETAILS	1/8/2016
A-64.4	MISCELLANEOUS DETAILS	1/8/2016
A-64.5	MISCELLANEOUS DETAILS	1/8/2016
A-64.6	MISCELLANEOUS DETAILS	1/8/2016

STRUCTURAL PLAN SHEETS

S-001	GENERAL NOTES	1/8/2016
S-002	ABBREVIATIONS	1/8/2016
S-111	CLASSROOM BLDG 1 - FOUNDATION PLAN	1/8/2016
S-112	CLASSROOM BLDG 1 - FLOOR FRAMING PLAN	1/8/2016
S-113	CLASSROOM BLDG 1 - ROOF FRAMING PLAN	1/8/2016
S-114	STAIR FRAMING PLANS	1/8/2016
S-121	MPR - BLDG 2 - FOUNDATION PLAN	1/8/2016
S-122	MPR - BLDG 2 - ROOF FRAMING PLAN	1/8/2016
S-131	ADMIN - BLDG 3 - FOUNDATION PLAN	1/8/2016
S-132	ADMIN - BLDG 3 - ROOF FRAMING PLAN	1/8/2016
S-141	KINDER - BLDG 4 - FOUNDATION PLAN	1/8/2016
S-142	KINDER - BLDG 4 - ROOF FRAMING PLAN	1/8/2016
S-301	TYPICAL CONCRETE DETAILS	1/8/2016
S-302	TYPICAL CONCRETE DETAILS	1/8/2016
S-303	TYPICAL CONCRETE DETAILS	1/8/2016
S-501	TYPICAL STEEL DETAILS	1/8/2016
S-601	TYPICAL WOOD DETAILS	1/8/2016
S-602	TYPICAL WOOD DETAILS	1/8/2016
S-603	WOOD DETAILS	1/8/2016
S-611	TYPICAL FLOOR FRAMING DETAILS	1/8/2016
S-612	WOOD DETAILS	1/8/2016
S-613	TYPICAL WOOD DETAILS	1/8/2016
S-621	TYPICAL SHEAR WALL DETAILS	1/8/2016
S-622	TYPICAL DIAPHRAGM DETAILS, SHEER WALL & DRAG CONNECTIONS	1/8/2016
S-701	TYPICAL WOOD DETAIL	1/8/2016
S-801	TYPICAL STEEL STAIR DETAILS	1/8/2016

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2 OF 5	RED-BUILT ENGINEERED WOOD PRODUCTS - ADMIN BLDG 3 - ROOF	5/25/2016
3 OF 5	RED-BUILT ENGINEERED WOOD PRODUCTS - CLASSROOM BLDG 1 - FLOOR	5/25/2016
4 OF 5	RED-BUILT ENGINEERED WOOD PRODUCTS - RED-W DETAILS	5/25/2016
5 OF 5	RED-BUILT ENGINEERED WOOD PRODUCTS - RED-W PROFILES	5/25/2016

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P003	PLUMBING WATER CALCULATIONS	10/24/2014
P004	PLUMBING SCHEDULES	10/24/2014
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P2-1.1	MPR BLDG - PLUMBING FLOOR PLAN - SANITARY	10/24/2014
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P3-1.3	ADMIN BLDG - PLUMBING ROOF PLAN - SANITARY	10/24/2014
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FP05	ADMIN BLDG 3 - SPRINKLER PIPING PLAN & SECTION	7/1/2016
FP06	KINDERGARTEN BLDG 4 - SPRINKLER PIPING PLAN & SECTION	7/1/2016
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M004	MECHANICAL SCHEDULES	10/24/2014
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M1-1.1	CLASSROOM BLDG - FIRST FLOOR MECHANICAL PLAN	10/24/2014
M1-1.2	CLASSROOM BLDG - TYPICAL ENLARGED CLASSROOM PLAN	10/24/2014
M1-1.3	CLASSROOM BLDG - SECOND FLOOR - MECHANICAL PLAN	10/24/2014
M1-1.4	CLASSROOM BLDG - MECHANICAL ROOF PLAN	10/24/2014
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M2-1.2	MPR BLDG - HVAC ROOF PLAN	10/24/2014
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M3-1.2	ADMIN BLDG - MECHANICAL ROOF PLAN	10/24/2014
M4-1.1	KINDERGARTEN - MECHANICAL FLOOR PLAN	10/24/2014
M4-1.2	KINDERGARTEN - TYPICAL ENLARGED CLASSROOM PLAN	10/24/2014
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M504	MECHANICAL DETAILS	10/24/2014
M505	MECHANICAL DETAILS	10/24/2014
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M510	MECHANICAL DETAILS	10/24/2014
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M612	CLASSROOM BLDG. TITLE 24 COMPLIANCE	10/24/2014
M621	MPR BLDG. TITLE 24 COMPLIANCE	10/24/2014
M622	MPR BLDG. TITLE 24 COMPLIANCE	10/24/2014
M631	ADMINISTRATION BLDG. TITLE 24 COMPLIANCE	10/24/2014

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E-0.5	LIGHT FIXTURE SCHEDULE	3/6/2015
E-0.6	MECHANICAL SCHEDULE	3/6/2015
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E-1.4	SITE LIGHTING CALC. PLAN	3/6/2015
E-1.6	SIGNAL SITE PLAN	3/6/2015
E1-2.1F	CLASSROOM FIRST FLOOR FIRE ALARM PLAN	3/6/2015
E1-2.1L	CLASSROOM FIRST FLOOR LIGHTING PLAN	3/6/2015
E1-2.1LC	CLASSROOM FIRST FLOOR LIGHTING CALCS NORMAL	3/6/2015
E1-2.1LCE	CLASSROOM FIRST FLOOR LIGHTING CALCS EGRESS	3/6/2015
E1-2.1P	CLASSROOM FIRST FLOOR POWER PLAN	3/6/2015
E1-2.1S	CLASSROOM FIRST FLOOR SIGNAL PLAN	3/6/2015
E1-2.2F	CLASSROOM SECOND FLOOR FIRE ALARM PLAN	3/6/2015
E1-2.2L	CLASSROOM SECOND FLOOR LIGHTING PLAN	3/6/2015
E1-2.2LC	CLASSROOM SECOND FLOOR LIGHTING CALC. NORMAL	3/6/2015
E1-2.2LCE	CLASSROOM SECOND FLOOR LIGHTING CALCS EGRESS	3/6/2015
E1-2.2P	CLASSROOM SECOND FLOOR POWER PLAN	3/6/2015
E1-2.2S	CLASSROOM SECOND FLOOR SIGNAL PLAN	3/6/2015
E1-3.1	CLASSROOM BUILDING ENLARGED PLAN	3/6/2015
E1-5.1	CLASSROOM PANEL SCHEDULE	3/6/2015
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E1-6.2	CLASSROOM FIRE ALARM BATTERY & VOLTAGE DROP CALCULATIONS	3/6/2015
E1-8.1	CLASSROOM TITLE 24	3/6/2015
E1-8.2	CLASSROOM TITLE 24	3/6/2015
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E2-2.1L	MULTI-PURPOSE LIGHTING PLAN	3/6/2015
E2-2.1LC	MULTI-PURPOSE LIGHTING CALC NORMAL	3/6/2015
E2-2.1LCE	MULTI-PURPOSE LIGHTING PLAN EGRESS	3/6/2015
E2-2.1P	MULTI-PURPOSE POWER PLAN	3/6/2015
E2-2.1S	MULTI-PURPOSE SIGNAL PLAN	3/6/2015
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E2-6.1	MULTI-PURPOSE F. A. RISER DIAGRAM	3/6/2015
E2-6.2	MULTI-PURPOSE FIRE ALARM BATTERY & VOLTAGE DROP CALCULATIONS	3/6/2015
E2-8.1	MULTI-PURPOSE TITLE 24	3/6/2015
E2-8.2	MULTI-PURPOSE TITLE 24	3/6/2015
E3-2.1F	ADMINISTRATION FIRE ALARM PLAN	3/6/2015
E3-2.1L	ADMINISTRATION LIGHTING PLAN	3/6/2015
E3-2.1LC	ADMINISTRATION LIGHTING CALC NORMAL	3/6/2015
E3-2.1LCE	ADMINISTRATION LIGHTING CALC EGRESS	3/6/2015
E3-2.1P	ADMINISTRATION POWER PLAN	3/6/2015
E3-2.1S	ADMINISTRATION SIGNAL PLAN	3/6/2015
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E3-3.1	ADMINISTRATION BUILDING ENLARGED PLAN	3/6/2015
E3-5.1	ADMINISTRATION PANEL SCHEDULE	3/6/2015
E3-5.2	ADMINISTRATION PANEL SCHEDULE	3/6/2015
E3-6.1	ADMINISTRATION F. A. RISER DIAGRAM	3/6/2015
E3-6.2	ADMINISTRATION FIRE ALARM BATTERY & VOLTAGE DROP CALCULATIONS	3/6/2015
E3-8.1	ADMINISTRATION TITLE 24	3/6/2015
E3-8.2	ADMINISTRATION TITLE 24	3/6/2015
E4-2.1F	KINDERGARTEN FIRE ALARM PLAN	3/6/2015
E4-2.1L	KINDERGARTEN LIGHTING PLAN	3/6/2015
E4-2.1LC	KINDERGARTEN LIGHTING CALC NORMAL	3/6/2015
E4-2.1LCE	KINDERGARTEN LIGHTING CALC EGRESS	3/6/2015
E4-2.1P	KINDERGARTEN POWER PLAN	3/6/2015
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E4-5.1	KINDERGARTEN PANEL SCHEDULE	3/6/2015
E4-5.2	KINDERGARTEN PANEL SCHEDULE	3/6/2015
E4-6.1	KINDERGARTEN F. A. RISER DIAGRAM	3/6/2015
E4-6.2	KINDERGARTEN FIRE ALARM BATTERY & VOLTAGE DROP CALCULATIONS	3/6/2015
E4-8.1	KINDERGARTEN TITLE 24	3/6/2015
E4-8.2	KINDERGARTEN TITLE 24	3/6/2015
E-4.0	SINGLE LINE DIAGRAM	3/6/2015
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E-7.3	MOUNTING DETAILS	3/6/2015
E-7.4	PENETRATION DETAIL	3/6/2015
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E-7.7	MISC. DETAIL	3/6/2015
E-7.8	FIRE ALARM DETAILS	3/6/2015
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E-8.1	OUTDOOR LIGHTING TITLE 24	3/6/2015

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FS-101	EQUIPMENT FLOOR PLAN	6/8/2016
FS-201	EQUIPMENT SCHEDULE	6/8/2016
FS-301	PLUMBING PLAN	6/8/2016
FS-401	ELECTRICAL PLAN	6/8/2016
FS-501	REFRIGERATION & CONDUIT PLAN	6/8/2016
FS-502	REFRIGERATION DETAILS	6/8/2016
FS-503	WALK-IN DETAILS	6/8/2016
FS-601	BUILDING WORKS & EXHAUST PLAN	6/8/2016
FS-602	HOOD DETAILS	6/8/2016
FS-603	HOOD DETAILS	6/8/2016
FS-604	VEGETABLE WASHING SYSTEM	6/8/2016
FS-701	EQUIPMENT ELEVATIONS	6/8/2016
FS-801	CONSTRUCTION DETAILS & SECTIONS	6/8/2016

THEATRICAL LIGHTING PLAN SHEETS

TL2.1.1	STAGE LIGHTING PLAN	4/8/2016
TL2.1.2	STAGE LIGHTING RCP	4/8/2016
TL6.0.1	STAGE LIGHTING SECTION	4/8/2016
TL8.1.1	STAGE LIGHTING DETAILS	4/8/2016
TL9.1.1	CONTROL RISER & SCHEDULES	4/8/2016
TL9.2.1	STAGE LIGHTING PLOT	4/8/2016

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L101	IRRIGATION PLAN	6/20/2016
L102	IRRIGATION PLAN	6/20/2016
L103	IRRIGATION LEGEND & NOTES	6/20/2016
L201	PLANTING PLAN	6/20/2016
L202	PLANTING PLAN	6/20/2016
L301	LANDSCAPE DETAILS	6/20/2016
L301	LANDSCAPE DETAILS	6/20/2016

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PROJECT SPECIFICATIONS**DIVISION 1 - GENERAL REQUIREMENTS**

00 00 02	TABLE OF CONTENTS	8/1/2016
00 07 00	GENERAL CONDITIONS	8/1/2016
01 11 00	SUMMARY OF WORK	8/1/2016
01 20 00	PRICE AND PAYMENT PROCEDURES	8/1/2016
01 30 00	ADMINISTRATIVE REQUIREMENTS	8/1/2016
01 31 00	PROJECT MANAGEMENT AND COORDINATION	8/1/2016
01 32 00	CONSTRUCTION SCHEDULE - NETWORK ANALYSIS	8/1/2016
01 33 00	SUBMITTAL PROCEDURES	8/1/2016
01 42 30	REFERENCE STANDARDS	8/1/2016
01 45 00	QUALITY CONTROL	8/1/2016
01 45 80	TESTING LABORATORY SERVICES	8/1/2016
01 50 00	TEMPORARY FACILITIES AND CONTROLS	8/1/2016
01 60 00	PRODUCT REQUIREMENTS	8/1/2016
01 61 16	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS	8/1/2016
01 63 00	PRODUCT SUBSTITUTION PROCEDURES	8/1/2016
01 73 00	EXECUTION REQUIREMENTS	8/1/2016
01 73 20	CUTTING AND PATCHING	8/1/2016
01 77 00	CLOSEOUT PROCEDURES	8/1/2016

DIVISION 2 - EXISTING CONDITIONS

02 41 00	DEMOLITION	8/1/2016
02 43 00	STRUCTURE MOVING	8/1/2016

DIVISION 3 - CONCRETE

03 10 00	CONCRETE FORMWORK	8/1/2016
03 20 00	CONCRETE REINFORCEMENT	8/1/2016
03 30 00	CAST-IN -PLACE CONCRETE	8/1/2016

DIVISION 4 - MASONRY

04 22 00	CONCRETE MASONRY UNITS (CMU)	8/1/2016
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DIVISION 5 - METAL WORK

05 12 00	STRUCTURAL STEEL	8/1/2016
05 50 00	MISCELLANEOUS METAL FABRICATIONS	8/1/2016
05 51 00	METAL STAIRS	8/1/2016
05 52 13	PIPE AND TUBE RAILINGS	8/1/2016

DIVISION 6 - WOOD AND PLASTIC

06 10 00	ROUGH CARPENTRY	8/1/2016
06 18 00	GLUED-LAMINATED CONSTRUCTION	8/1/2016
06 18 10	STRUCTURAL COMPOSITE MEMBERS	8/1/2016
06 20 00	FINISH CARPENTRY	8/1/2016
06 41 00	ARCHITECTURAL WOOD CASEWORK	8/1/2016

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PROJECT SPECIFICATIONS**DIVISION 6 - WOOD AND PLASTIC, continued**

06 50 00	OPEN WEB TRUSS	8/1/2016
06 60 00	RED-I JOIST	8/1/2016
06 70 00	REDLAM LVL	8/1/2016

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07 14 00	FLUID-APPLIED WATERPROOFING	8/1/2016
07 16 16	CRYSTALLINE WATERPROOFING	8/1/2016
07 21 00	THERMAL INSULATION	8/1/2016
07 25 00	WEATHER BARRIERS	8/1/2016
07 28 00	BUILDING ENVELOPE UNDERLAYMENT	8/1/2016
07 31 10	ASPHALT SHINGLES	8/1/2016
07 54 23	THERMOPLASTIC-POLYOLEFIN ROOFING (TPO)	8/1/2016
07 62 00	SHEET METAL FLASHING AND TRIM	8/1/2016
07 71 23	MANUFACTURED GUTTERS AND DOWNSPOUTS	8/1/2016
07 72 00	ROOF ACCESSORIES	8/1/2016
07 81 00	APPLIED FIREPROOFING	8/1/2016
07 84 00	FIRE STOPPING	8/1/2016
07 90 05	JOINT SEALERS	8/1/2016

DIVISION 8 - DOORS AND WINDOWS

08 11 13	HOLLOW METAL DOORS AND FRAMES	8/1/2016
08 14 16	FLUSH WOOD DOORS	8/1/2016
08 31 00	ACCESS DOORS AND PANELS	8/1/2016
08 43 13	ALUMINUM-FRAMED STOREFRONTS	8/1/2016
08 5 113	ALUMINUM WINDOWS	8/1/2016
08 71 00	DOOR HARDWARE – BUILDING 1	8/1/2016
08 71 00	DOOR HARDWARE – BUILDING 2	8/1/2016
08 71 00	DOOR HARDWARE – BUILDING 3	8/1/2016
08 71 00	DOOR HARDWARE – BUILDING 4	8/1/2016
08 80 00	GLAZING	8/1/2016

DIVISION 9 - FINISHES

09 05 61	COMMON WORK RESULTS FOR FLOORING PREPARATION	8/1/2016
09 21 16	GYPSUM BOARD ASSEMBLIES	8/1/2016
09 22 16	NON-STRUCTURAL METAL FRAMING	8/1/2016
09 22 36	METAL LATH	8/1/2016
09 24 00	PORTLAND CEMENT PLASTERING	8/1/2016
09 30 00	TILING	8/1/2016
09 51 00	ACOUSTICAL CEILINGS	8/1/2016
09 65 00	RESILIENT FLOORING	8/1/2016
09 65 66	RESILIENT ATHLETIC FLOORING	8/1/2016

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DIVISION 9 - FINISHES, continued

09 68 00	CARPET TILE	8/1/2016
09 77 33	FIBER REINFORCED PANELS	8/1/2016
09 84 00	ACOUSTIC ROOM COMPONENTS	8/1/2016
09 84 13	FIXED SOUND-ABSORPTIVE PANELS	8/1/2016
09 90 00	PAINTING AND COATING	8/1/2016
09 93 00	CONCRETE STAINING	8/1/2016

DIVISION 10 - SPECIALTIES

10 11 01	VISUAL DISPLAY BOARDS	8/1/2016
10 14 00	SIGNAGE	8/1/2016
10 21 13	PLASTIC TOILET COMPARTMENTS	8/1/2016
10 22 29	FULL HEIGHT GLAZED PARTITION SYSTEM	8/1/2016
10 28 00	TOILET ACCESSORIES	8/1/2016
10 44 00	FIRE PROTECTION SPECIALTIES	8/1/2016
10 51 00	LOCKERS	8/1/2016
10 71 13	FIXED SUN SCREENS	8/1/2016
10 75 00	FLAGPOLES	8/1/2016

DIVISION 11 - EQUIPMENT

11 40 00	FOOD SERVICE EQUIPMENT	8/1/2016
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DIVISION 12 - FURNISHING

12 21 13	HORIZONTAL LOUVER BLINDS	8/1/2016
12 36 00	COUNTERTOPS	8/1/2016
12 48 13	ENTRANCE FLOOR MATS AND FRAMES	8/1/2016
12 68 23	FOLDING CAFETERIA TABLES	8/1/2016

DIVISION 13 - SPECIAL CONSTRUCTION

13 00 00	NOT USED -	N/A
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DIVISION 14 - CONVEYING EQUIPMENT

14 20 10	PASSENGER ELEVATORS	8/1/2016
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DIVISION 21 - FIRE SUPPRESSION

21 20 00	FIRE SUPPRESSION SYSTEMS	8/1/2016
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DIVISION 22 - PLUMBING

22 05 00	COMMON WORK RESULTS FOR PLUMBING	8/1/2016
22 05 13	BASIC PLUMBING MATERIALS AND METHODS	8/1/2016
22 05 53	PLUMBING IDENTIFICATION	8/1/2016
22 07 00	PLUMBING INSULATION	8/1/2016
22 10 00	PLUMBING	8/1/2016

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PROJECT SPECIFICATIONS**DIVISION 23 - MECHANICAL**

23 05 00	COMMON WORK RESULTS FOR HVAC	8/1/2016
23 05 13	BASIC HVAC MATERIALS AND METHODS	8/1/2016
23 05 48	HVAC SOUND, VIBRATION, AND SEISMIC CONTROLS	8/1/2016
23 05 53	HVAC IDENTIFICATION	8/1/2016
23 07 00	HVAC INSULATION	8/1/2016
23 08 00	HVAC SYSTEMS COMMISSIONING	8/1/2016
23 08 13	ENVIRONMENTAL CONTROLS & ENERGY MGMT. SYSTEMS COMMISSIONING	8/1/2016
23 09 23	ENVIRONMENTAL CONTROLS AND ENERGY MANAGEMENT SYSTEMS	8/1/2016
23 30 00	AIR DISTRIBUTION	8/1/2016
23 33 19	DUCT SILENCERS	8/1/2016
23 38 13	KITCHEN VENTILATION SYSTEM	8/1/2016
23 80 00	HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT	8/1/2016

DIVISION 26 - ELECTRICAL

26 05 00	COMMON WORK RESULTS FOR ELECTRICAL	8/1/2016
26 05 13	BASIC ELECTRICAL MATERIALS AND METHODS	8/1/2016
26 05 19	LOW VOLTAGE WIRES	8/1/2016
26 05 26	GROUNDING BONDING	8/1/2016
26 05 33	RACEWAYS, BOXES, FITTINGS, AND SUPPORTS	8/1/2016
26 08 00	ELECTRICAL SYSTEMS COMMISSIONING	8/1/2016
26 09 23	LIGHTING CONTROL SYSTEMS	8/1/2016
26 10 00	SERVICE ENTRANCE	8/1/2016
26 22 00	LOW-VOLTAGE TRANSFORMERS	8/1/2016
26 24 13	SWITCHBOARDS	8/1/2016
26 24 16	PANELBOARDS AND SIGNAL TERMINAL CABINETS	8/1/2016
26 50 00	LIGHTING	8/1/2016
26 52 00	EMERGENCY POWER	8/1/2016
26 55 61	THEATRICAL LIGHTING AND STAGE DIMMING EQUIPMENT	8/1/2016

DIVISION 27 - COMMUNICATIONS

27 05 36	CABLE TRAYS FOR COMMUNICATIONS	8/1/2016
27 51 16	PUBLIC ADDRESS/CLOCK SYSTEM	8/1/2016
27 5123.50	ASSISTIVE LISTENING SYSTEM	8/1/2016

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

28 16 00	INTRUSION ALARM SYSTEM	8/1/2016
28 23 00	VIDEO SURVEILLANCE (CCTV) SYSTEM	8/1/2016
28 31 00	FIRE DETECTION ALARM	8/1/2016

EXHIBIT A

Scope of Work

Prepared by SVA Architects

PROJECT SPECIFICATIONS

DIVISION 31 - EARTHWORK

31 10 00	SITE CLEARING	8/1/2016
31 22 00	GRADING	8/1/2016
31 23 33	TRENCHING AND BACKFILLING	8/1/2016
31 25 00	EROSION AND SEDIMENTATION CONTROLS	8/1/2016

DIVISION 32 - EXTERIOR IMPROVEMENTS

32 11 26	ASPHALTIC BASE COURSES	8/1/2016
32 12 16	ASPHALT PAVING	8/1/2016
32 13 13	CONCRETE PAVING	8/1/2016
32 16 13	CURBS AND GUTTERS	8/1/2016
32 17 13	PARKING CURBS	8/1/2016
32 17 23	PAVEMENT MARKINGS	8/1/2016
32 30 00	MAINTENANCE	8/1/2016
32 84 00	IRRIGATION	8/1/2016
32 90 00	PLANTING AND MAINTENANCE	8/1/2016
32 90 10	HYDRO-SEEDED LAWN	8/1/2016

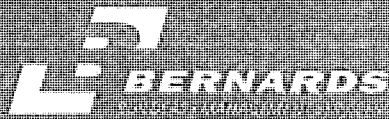
DIVISION 33 - UTILITIES

33 10 00	WATER UTILITIES	8/1/2016
33 30 00	SEWERAGE UTILITIES	8/1/2016
33 40 00	STORM DRAINAGE UTILITIES	8/1/2016

APPENDICES

ACM SURVEY	EORM -Enviromental & Occupational Risk Management, Inc.	1/17/2014
AHERA REPORT 2011	ATC Associates Inc.	9/16/2011
HAZMAT SURVEY REPORT	EORM -Enviromental & Occupational Risk Management, Inc.	1/10/2014
LEAD SURVEY	EORM -Enviromental & Occupational Risk Management, Inc.	2/11/2014
LIMITED SOIL TESTING	EORM -Enviromental & Occupational Risk Management, Inc.	2/14/2014
UPDATED LIMITED SOIL TESTING	EORM -Enviromental & Occupational Risk Management, Inc.	2/14/2014
GEO-TECHNICAL REPORT	Earth Systems Southern California	3/4/2014
MEPF CONTRACTOR QUALIFICATION PROCESS	Oxnard School District	
SWPPP REPORT	Rick Engineering Company	10/25/2016
SWPPP Plan	Rick Engineering Company	11/17/2016
Pre Bid RFI's - #1 - 52	SVA Architects, Inc.	11/15/2016

EXHIBIT "B"



555 First Street
San Fernando, California 91340
T: 818.838.1521 F: 818.838.7956
www.bernards.com

OXNARD SCHOOL DISTRICT



ELM STREET ELEMENTARY SCHOOL
GMP PROPOSAL

December 7, 2016

Toy Marlene Bickel
Caldwell Flores Winters, Inc.
1411 S. Victoria Avenue #109
Oxnard, CA 93035

BID SUMMARY



BID SUMMARY

Elm Street Elementary School Reconstruction
 450 East Elm Street, Oxnard, CA 93033

Lease/Leaseback
 December 9, 2016

Building Summary

Elm Street Elementary School Reconstruction

New Elementary School	53,296 sf	\$ 351 /sf	\$ 18,681,807	
				18,681,807

Subtotal				\$ 18,681,807
-----------------	--	--	--	----------------------

General Conditions				1,755,609
General Requirements				365,885
Contractors Bond		0.64%		148,101
CCIP		1.25%		287,739
Builders Risk		1.15%		268,303
Subcontractor Default Insurance		1.20%		224,182
General Contractor's Fee		4.00%		896,419

SUBTOTAL				\$ 22,628,045
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Contractors Contingency		3.00%		678,841
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TOTAL				\$ 23,306,886
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Notes:

1. GMP is Based off DSA Approved Plans dated 8/1/16 and Specs Dated 4/22/16
2. Geotechnical Report Dated 3/2014 and Hazmat, Lead & Asbestos Reports Dated, 1/10/14, 1/17/14, 2/11/14 & 2/14/14
3. Pre-Bid RFI's 1-52, Excluding RFI #9 & #43



SCHEDULE OF VALUES
Elm Street Elementary School Reconstruction
450 East Elm Street, Oxnard, CA 93033

Lease/Leaseback
 December 9, 2016

Description		Recommended Subcontractor	Bids Received	Amount
01000	ALLOWANCES			\$ 960,000
01570	EROSION CONTROL	Whitson CM / Bernards	1	\$ 67,646
01730	SURVEYING	Hunsaker & Assoc.	5	\$ 58,648
03200	REINFORCING STEEL	Stantru	3	\$ 182,550
03300	CAST IN PLACE CONCRETE	JT Wimsatt	2	\$ 1,032,700
N/A	INSULATING AND LIGHTWEIGHT CONCRETE	Insul-Flow	2	\$ 43,195
04200	MASONRY	Skidmore Masonry	2	\$ 79,044
05120	STRUCTURAL STEEL & MISC METALS	Ironman, Inc	2	\$ 501,400
05700	ORNAMENTAL METALS			w/ Structural Steel
06100	ROUGH CARPENTRY	WVS Klem	2	\$ 2,984,977
06200	MILLWORK / CABINERY / COUNTERTOPS	ICI Millwork	4	\$ 65,042
07140	WATERPROOFING	Systems WP	4	\$ 95,436
07200	INSULATION	DJ Insulation	3	\$ 80,000
07540	ROOFING	Eberhard	4	\$ 344,200
07600	SHEET METAL	R&J SM	2	\$ 220,506
08100	DOORS / FRAMES / HARDWARE	Construction Hardware	3	\$ 236,830
08800	ALUMINUM STOREFRONT / GLASS AND GLAZING	Santa Barbara Glass	1	\$ 317,025
09220	PLASTER & DRYWALL	Pacific Int. / Perlite Plaster	6	\$ 1,516,532
09300	CERAMIC TILE	Stoneware Tile	3	\$ 118,809
09510	ACOUSTICAL CEILINGS	Cali-USA Acoustics	10	\$ 190,736
09650	CARPET AND RESILIENT FLOORING	Reliable Flooring	5	\$ 114,964
09900	PAINTING	Vanguard	8	\$ 329,600
10000	BUILDING SPECIALTIES	Various Trades	10	\$ 335,176
10110	VISUAL DISPLAY BOARDS	Claridge	3	\$ 525,000
10140	SIGNAGE	Kendall Sign	6	\$ 60,785
10280	TOILET PARTITIONS / BATHROOM ACCESORIES	SDI	4	\$ 48,061
11400	FOOD SERVICE EQUIPMENT	Kamran and Co.	5	\$ 349,000
12240	WINDOW SHADES	Sheward & Son & Sons	2	\$ 24,950
14200	ELEVATORS	Otis	1	\$ 143,500
21000	FIRE SPRINKLER	Superior Fire	2	\$ 283,790
22000	PLUMBING	Precision Plumbing	5	\$ 728,974
23000	HVAC	Sheldon Mech.	5	\$ 1,226,000
26000	ELECTRICAL / LOW VOLTAGE	Taft Elec.	3	\$ 2,415,989
31220	DEMO, EARTHWORK AND SITE CLEARING	Damar Const.	6	\$ 936,383
32122	ASPHALT PAVING	Onyx Paving	3	\$ 239,302
32131	SITE AND OFF-SITE CONCRETE	Lopez Eng.	3	\$ 671,962
N/A	FENCING AND GATES	Pilgrim Fence	1	\$ 270,872
32900	LANDSCAPE AND IRRIGATION	Advanced Land. 2000	5	\$ 363,185
33000	SITE UTILITIES	J. Vega Eng.	4	\$ 519,039

SCHEDULE OF VALUES

**Elm Street Elementary School Reconstruction
450 East Elm Street, Oxnard, CA 93033**

Lease/Leaseback
December 9, 2016

Description	Recommended Subcontractor	Bids Received	Amount
Subcontracted Direct Costs		140	\$ 18,681,807
General Conditions			\$ 1,755,609
General Requirements			\$ 365,885
General Contractor Bond		0.64%	\$ 148,101
CCIP		1.25%	\$ 287,739
Builders Risk		1.15%	\$ 268,303
Subcontractor Default Insurance		1.20%	\$ 224,182
General Contractor's Fee		4.00%	\$ 896,419
Contractor Contingency		3.00%	\$ 678,841
Total Contract Amount			\$ 23,306,886

ALLOWANCES

ALLOWANCES



ALLOWANCES

Elm Street Elementary School Reconstruction
450 East Elm Street, Oxnard, CA 93033

Lease/Leaseback
December 9, 2016

Schedule of Allowances Included in Proposal		
1	Offsite Utilities Permits / Fees (Part of General Conditions Requirements 4.7.1)	\$ 15,000
2	B-Permit Offsite Plans - Hardscape (City Sidewalks, Curbs, Etc.) and Utilities (Sewer) - Plans Not Issued / Approved yet by City, Sewer Design Issues, Etc.	\$ 100,000
3	Unforeseen Utility Removal / Demolition	\$ 50,000
4	Site Fencing at New Field - 6' High Galvanized Chain-link	\$ 60,000
5	Remove and Replace City Sidewalk per General Note 8 on C-01 (Noted as Directed by City Engineer; QTY TBD) Assume 7' Wide at Montrose Ave	\$ 55,000
6	Remove and Relocate (2) Existing Portables and Demolish (1) Existing Portable Including Hookups (Elec, Plumbing, HVAC, Low Voltage)	\$ 60,000
7	Lead and Pesticide Abatement of Soil (No Recommendation Provided Within Hazardous Report)	\$ 125,000
8	Possible Additional Asbestos / Hazardous Material at Existing Buildings When Demolishing (Concealed Items Not Within Report)	\$ 25,000
9	Plumbing System Design Issues	\$ 100,000
10	Shoring at NE Corner of New Classroom Building and West End of Existing Classroom Building	\$ 20,000
11	Door Hardware Revisions to Comply with District Standards	\$ 45,000
12	Site Concrete Enhancements at Courtyard and Site Paving Areas per Pre-Bid RFI #57	\$ 20,000
13	School & Address Signage at the Admin Bldg. Not Shown. Reference 11/A-64.4 for 18" Aluminum Letters	\$ 12,000
14	Mitigate/Dewatering as Required for Shallow Water Table	\$ 18,000
15	Change Specified T8 Lamps to LED Light Fixtures/Controls	\$ 100,000
16	Add Upper & Lower Casework at Kitchen, Workrooms and Storage Rooms per SVA	\$ 45,000
17	Environmental and Geotechnical Testing of Imported Soil for District's Testing Lab	\$ 15,000
18	Kitchen Design Corrections to Meet Health Department Requirements	\$ 50,000
19	SCE Design Enhancements	\$ 45,000
TOTAL ALLOWANCES		\$ 960,000

QUALIFICATIONS

QUALIFICATIONS



QUALIFICATIONS & ASSUMPTIONS

Elm Street Elementary School Reconstruction
450 East Elm Street, Oxnard, CA 93033

Lease/Leaseback
December 9, 2016

The following items provide additional clarifications regarding the scope of work included in the Proposal:

- | | |
|----|--|
| 1 | All Testing and inspection including shop inspection. All testing and inspection will be performed by the authority having jurisdiction or a third party hired by the owner. |
| 2 | GMP excludes all permanent connection or use fees by outside utility companies. |
| 3 | Settlement surveys of adjacent properties or utilities |
| 4 | Furnishing, installation, unloading / hoisting, storage, trash removal, and traffic control of Owner's FF&E items |
| 5 | Detail 20/S602 is Included for the Sun Shade Structural Steel Connections |
| 6 | Tectum Panels at the MPR Bldg Roof are Installed per Detail 2/A-64.2 Without Wood Furring or Insulation Above the Tectum Panels per the Specifications. |
| 7 | Continuous Unistrut, Fire Sealant and wire through blocking is excluded per Details 10,13&14/A64.1 |
| 8 | Moisture Testing is Included per the Specifications. If Remediation is Required, the Cost per SF will be negotiated with Contractor |
| 9 | Side Channels per Spec 122113, 2.02/D are No Longer Offered by Any Manufacturer and are Excluded. |
| 10 | GMP excludes the relocation of any existing play structures noted on the drawings. |

SUBCONTRACTOR EVALUATIONS

Bid Evaluation Report



Erosion Control	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Whitson CM / Bernards					
Base Bid						
Spec #: 312500	Included					
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included					
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included					
Acknowledgment of Addendum 1	Included					
Bid Good for 60 Days						
Prevailing Wage	Included					
Prequalification per Bid Invite	N/A					
Attachment C Acknowledgement	N/A					
Erosion Control						
Silt Fencing	15,109					
Fiber Rolls	1,600					
Construction Entrances	21,000					
Storm Drain Inlet Protection	1,375					
SWPPP Implementation	28,562					
TOTALS	67,646	0	0	0	0	0
Recommendation:	Amount					
Whitson CM / Bernards	67,646					

Bid Evaluation Report



Surveying	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Adkan	Hunsaker & Assoc.	Brenner & Carpenter	Precision	Stantec	Gromatfici
Base Bid	42,000	39,504	65,100	44,975	76,000	Incomplete
Spec #: 017300	Included	Included	Included	Included	Included	
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days	Included	Included	Included	Included	Included	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	
Set-up	Included	Included	Included	Included	Included	
Travel Costs	5,000	5,000	5,000	5,000	5,000	
Horizontal Control	Included	Included	Included	Included	Included	
Survey Boundary Map	5,800	5,920	5,800	5,800	5,800	
Excavation	Included	Included	Included	Included	Included	
Rough Grade Staking	Included	5,920	Included	Included	Included	
Location and Existing Elevation at Future Driveways, Access Ramps	2,320	Included	Included	Included	Included	
Bluetop Stakes at Bottom of Excavation for Fine Grading	Included	Included	Included	Included	Included	
Gridlines at Elevator	1,160	1,184	Included	1,120	Included	
Buildings	Included	Included	Included	Included	Included	
Building Corner Stakes (All Bldgs)	Included	Included	Included	Included	Included	
Utility Sleeve Layout for Sanitary Sewer, Storm Drain, Domestic and Fire Water, and Permanent Electrical Service	Included	Included	Included	Included	Included	
Final Verification Upon Project Completion	Included	Included	Included	Included	Included	
Site	Included	Included	Included	Included	Included	
Stakes for Sanitary Sewer, Storm Drain and Domestic Fire	Included	Included	Included	Included	Included	
Stakes for CMU Enclosure Footings	Included	560	Included	420	Included	
Line and Grade Stakes for Underground Electrical Devices, POCs and Duct Banks	3,480	Included	Included	1,680	Included	
Line and Grade Stakes Outlining all B-Permit Concrete, AC Paving, Swales, Etc.	Included	Included	Included	Included	Included	
Parking Lot Lights	Included	560	Included	Included	Included	

Bid Evaluation Report



Surveying	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Subcontractors					Date Printed	12/6/2016
Description	Adkan	Hunsaker & Assoc.	Brenner & Carpenter	Precision	Stantec	Gromatici
TOTALS	59,760	58,648	75,900	58,995	86,800	0
Recommendation:		Amount				
Hunsaker & Assoc.		58,648				

Bid Evaluation Report



Demo & Earthwork	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Triangle Ent.	Damar Const.	Ground Breakers	Leko Const.	Sharma Gen. Eng.	Toro Ent.
Base Bid	See Below	See Below	See Below	See Below	See Below	See Below
Spec #: 024300, 311000, 312200, 312333	Included	Included	Included	Included	Included	Included
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	Included
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	Included
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	Included
Bid Good for 60 Days	10 Days	30 Days	30 Days	30 Days	60 Days	30 Days
Prevailing Wage	Included	Included	Included	Included	Included	Included
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	N/A
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	N/A
Abatement						
Potential Inaccessible Asbestos Materials	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances
Asbestos as Surveyed	N/A	N/A	N/A	N/A	N/A	N/A
Abatement for Grading	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances
Unquantifiable Soils with Potential Lead Contamination at Existing Buildings	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances
Demo - Standard Industries	297,500	331,603	322,000	331,603	331,603	331,603
Phase 1	Included	Included	Included	Included	Included	Included
Offsite per Page 4 of 4	Included	Included	Included	Included	Included	Included
Sawcut and Remove (E) PCC Curb and Gutter	Included	Included	Included	Included	Included	Included
Sawcut and Remove (E) Sidewalks	Included	Included	Included	Included	Included	Included
Sawcut and Remove (E) 2' AC Paving in Street Along Elm, Montrose and Fir - 9/C02	Included	Included	Included	Included	Included	Included
Sawcut AC in Street for New Utilities - C08	4,608	4,608	4,608	4,608	4,608	4,608
Sawcut and Remove (E) Curb Ramps for New ADA Ramps with Truncated Domes	Included	Included	Included	Included	Included	Included
Onsite Clearing / Demolition - C05	Included	Included	Included	Included	Included	Included
Underground Utility Location	2,400	2,400	2,400	2,400	2,400	2,400
Remove Existing Trees	Included	Included	Included	Included	Included	Included
Sawcut & Remove AC Paving Parking Lot	Included	Included	Included	Included	Included	Included
Remove Fencing and Gates	Included	Included	Included	Included	Included	Included
Remove (E) Utilities, SD & Irrigation	Included	Included	Included	Included	Included	Included
(E) Drywell per RFI 35	Included	Included	Included	Included	Included	Included
Remove Trash Enclosure	Included	Included	Included	Included	Included	Included
Phase 2	Included	Included	Included	Included	Included	Included
Remove All Existing Facilities - Portables & Classroom Building	Included	Included	Included	Included	Included	Included

Bid Evaluation Report



Demo & Earthwork	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Triangle Ent.	Damar Const.	Ground Breakers	Leko Const.	Date Printed	12/6/2016
					Sharma Gen. Eng.	Toro Ent.
AC Paving and Play Areas	Included	Included	Included	Included	Included	Included
Fencing	Included	Included	Included	Included	Included	Included
Concrete Pavement	Included	Included	Included	Included	Included	Included
Electrical Equipment	Included	Included	Included	Included	Included	Included
Salvage & Relocate	Included	Included	Included	Included	Included	Included
Light Poles (3)	In Electrical	In Electrical	In Electrical	In Electrical	In Electrical	In Electrical
Backflow (1)	By Utilities	By Utilities	By Utilities	By Utilities	By Utilities	By Utilities
Adjust to Height - Sewer Cleanouts (2)	By Utilities	By Utilities	By Utilities	By Utilities	By Utilities	By Utilities
Grading	579,100	536,995	533,500	720,118	748,340	589,068
Water Meter and Construction Watering for Own Scope	21,000	21,000	21,000	21,000	21,000	21,000
Move-Ins	Included	Included	Included	Included	Included	Included
April '17 Movie-In for MPR Bldg Due to Portables	Included	Included	Included	Included	Included	Included
Mass Excavation and Fine Grade Subgrade	Included	Included	Included	Included	Included	Included
Temp Soil Stabilization	7,500	7,500	7,500	7,500	7,500	7,500
Over-Ex 4' or 3' Below Footings (Phase 1) per RFI 39	Included	Included	Included	Included	Included	Included
Extend 5' from Perimeter Edges - RFI 7	Included	Included	Included	Included	Included	Included
Geogrid - Tensar Tri-Axial TX160 or Equal - RFI 7	Included	Included	Included	Included	Included	Included
1" Crushed Rock	Included	Included	Included	Included	Included	Included
Over-Ex at Elevator Pit, 1.5' Below Bottom and 3' Lateral per RFI 40	Included	Included	Included	Included	Included	Included
Over-Ex 6" at Site Conditions	Included	Included	Included	Included	Included	Included
Sub-Grade Compaction of 95%	Included	Included	Included	Included	Included	Included
Over-Ex 6" at Play Field (Phase 2)	Included	Included	Included	Included	Included	Included
Import per Geotech +/- 8,000 CY	Included	Included	Included	Included	Included	Included
Export Spoils Stockpiled by Others	\$19 / CY	\$20.30 / CY	\$29 / CY	\$25.57 / CY	\$26.10 / CY	\$28.80 / CY
Concrete Spoils	18,810	20,097	28,710	25,314	25,839	28,512
Site Utilities	9,500	10,150	14,500	12,785	13,050	14,400
Plumbing, Electrical	1,900	2,030	2,900	2,557	2,610	2,880
Structure Moving	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances
Relocate 2 (E) Portables - (Phase 1A)	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances
TOTALS	942,318	936,383	937,118	1,127,885	1,156,950	1,001,971
Recommendation:	Amount					
Damar Const.	936,383					

Bid Evaluation Report



Asphalt Paving & Striping	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	Terra Pave	Onyx Paving	Toro Ent.	Date Printed	12/6/2016
Base Bid	384,000	221,230	205,557		
Spec #: 321126, 321216, 321723	Included	Included	Included		
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included		
Bid Good for 60 Days					
Prevailing Wage	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A		
AC Paving	Included	Included	Included		
Phase 1	Included	Included	Included		
Road Work at Elm, Montrose & Fir	Included	Included	Included		
4" AC o/ 5" Class II Base o/ 8" Sub Base	Included	Included	10,981		
4" AC o/ 5" Class II Base o/ 8" Sub Base at Bus Drop Offs in Street	Included	Included	23,150		
Grind and Overlay 0.20" AC (2' Wide Min.) in Street - Elm, Montrose & Fir - 9/C02	Included	Included	1,426		
Parking Lot	Included	Included	Included		
4" AC o/ 5" Class II Base o/ 3.5" & 4" Sub Base	Included	Included	Included		
Phase 1A	Included	Included	Included		
4" AC o/ 5" Class II Base o/ 3.5" & 4" Sub Base at Elec Yard	Included	Included	Included		
Phase 2	Included	Included	Included		
4" AC o/ 5" Class II Base o/ 3.5" Sub Base at Playground	Included	Included	Included		
Redwood Header at Grass	Included	1,908	1,908		
Striping	ABC Resources	Included	ABC Resources		
Parking Lot - 4/C02	14,368	9,800	14,368		
Concrete Wheel Stops - 7/Gen2	Included	Included	Included		
Stripe Crosshatch Areas	Included	Included	Included		
Standard Parking Spaces	Included	Included	Included		
Fire Lane Curbs Red - F12/A01.2	Included	Included	Included		
Handicap Parking Spaces	Included	Included	Included		
Arrows and Stall Numbers	Included	Included	Included		
Signage - Parking & Fire Lane w/ Posts - 1&2/C02	Included	Included	Included		
Signage - Fire Lane - 1&9/Gen 5	Included	Included	Included		

Bid Evaluation Report



Asphalt Paving & Striping	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
	Description	Terra Pave	Onyx Paving	Toro Ent.	Date Printed	12/6/2016
Signage - Stop Sign, District Signs and Fence Signs w/ Posts	Included	Included	Included			
Post Footings 12" Dia x 24" Deep	Included	3,200	Included			
Playground Track Striping at Kindergarten 3" White - 30" Wide per A0-1.1	Included	Included	Included			
Site Basketball, Tetherball, Hopscotch and Foursquare Striping per 6,8-12/A63.6	Included	Included	Included			
Elec Yard Striping per Note 17/C-06	824	824	824			
Offsite						
Paint Top of Curb and Curb Face Red / Yellow / Green as Required	2,340	2,340	2,340			
TOTALS	401,532	239,302	260,553	0	0	0
Recommendation:	Amount					
Onyx Paving	239,302					

Bid Evaluation Report



Site & Off-Site Concrete	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Lopez Eng.	A&S Cement	Santa Clarita Conc.	Toro Ent.		
Base Bid	See Below	625,000	479,000	Incomplete		
Spec #: 321213, 321613, 321713	Included	Included	Included			
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included			
Acknowledgment of Addendum 1	Included	Included	Included			
Bid Good for 60 Days	30 Days	30 Days	30 Days			
Prevailing Wage	Included	Included	Included			
Prequalification per Bid Invite	N/A	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A	N/A			
On Site	Included	Included	Included			
Flat Work	282,765	Included	Included			
4" PCC with #3 Rebar at Site Walkways and Building Courtyards - C06	Included	Included	Included			
Accessible Curb Ramps at ADA Stalls/Admin Bldg with Truncated Domes- 6/C02	2,040	Included	Included			
Curb & Gutters	21,890	Included	Included			
Parking Lot per C06	Included	Included	Included			
6" Curb and Gutter - 111/C03	Included	Included	Included			
6" PCC Curb - 111/C03	Included	Included	Included			
0" Curb - 12/C02	Included	Included	Included			
Curb Ends - 7/C02	Included	Included	Included			
Concrete Mow Curbs at Site Fencing and Site Landscape - L201 & L302 (RFI 34)	6,750	6,750	Included			
Concrete Maint. Bands at Bldg Perimeters per A01.1 & 3/A63.6 (RFI 46)	8,664	Included	Included			
2"x6" Conc Header at AC to Grass Transition per A01.1 & 4/A63.6	3,578	3,578	3,578			
Misc	Included	Included	Included			
Bldg 1 - Classroom	Included	Included	Included			
6" Conc Pads for HVAC Equip - M1-1.1 & 16/S301	2,256	2,256	2,256			
Concrete Stairs at Stair 3 Per 1/A1-45.3	17,680	18,000	Included			
Fire Hydrant Bollards/Footings - 301/C04 (12)	Included	Included	Included			
3' Deep Footings	3,600	3,600	3,600			
Footings for Site Fencing and Gates - 3&4/A63.5	Included	Included	Included			
Kindergarten Bldg per RFI 41	Included	Included	Included			

Bid Evaluation Report



Site & Off-Site Concrete	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Lopez Eng.	A&S Cement	Santa Clarita Conc.	Toro Ent.		
Throughout Site per A0-1.1	Included	Included	Included			
Post Footing - 4/A-63.5	9,702	9,702	9,702			
Gate Footing - 3/A-63.5	7,560	7,560	7,560			
Flag Pole Footing 4' Dia x 6' Deep - 20/S303 (1)	1,250	1,250	Included			
Marquee Sign Footing & Cap per 18/S303	4,320	Included	Included			
Conc Base Under Rubber Play Surface at Kindergarten per 7/A63.5 & A0-1.1	29,869	29,869	29,869			
1' Conc Band Around Playgrounds at Kindergarten and Playground - A0-1.1 & 10/A63.5	4,512	Included	4,512			
Footing for Basketball Poles 84" Deep x 2' Dia - 7/A63.6 (6)	5,100	Included	5,100			
Footing for Tetherball Poles 12/A63.6 (2)	1,700	Included	1,700			
Concrete Footing for CMU Walls at Elec Yard - 1/A0-1.3 & 98.10/S303 - (3'-6" x 1'-4")	17,380	Included	17,380			
9" Conc Pad for Elec Equip at Elec Yard per 1/A0-1.3 & 16/S301	2,544	Included	2,544			
Light Pole Footings - 5&6/E7.3	6,800	Included	Included			
Base for all Paving	41,045	Included	Included			
Reinforcing Steel for All Work	37,762	Included	39,300			
Control and Expansion Joints / Sealants	20,070	20,070	20,070			
Washout Bins	2,500	2,500	2,500			
Off Site	Included	Included	Included			
4" PCC Sidewalks (8' Wide)	14,372	Included	Included			
Detectable Warning Surfaces (Truncated Domes) at Street Corner Curb Ramps - Yellow - 6/C02	3,720	Included	Included			
Loading Zone Ramp w/ Truncated Domes, Curbs and Ramp per 10/Gen 5 & C06 (2)	Included	Included	Included			
Join and Match (E) Curb, Gutter, Sidewalk	10,724	Included	Included			
Driveway Entrances per 115/C03 (3)	6,732	Included	Included			
4' Ribbon Gutter in Street Drop Off - 117/C03	10,800	Included	Included			
8" PCC Turnouts per Pg 4of4 & 200/Pg 2	39,101	Included	38,000			
Site Pavers (MFR TBD)	45,177	45,177	45,177			
Pavers Outside MPR & Admin Bldg	In Above	In Above	In Above			
Pavers in Classroom Courtyard	In Above	In Above	In Above			
Sand Base	In Above	In Above	In Above			
TOTALS	671,962	775,911	711,847	0	0	0
Recommendation:	Amount					
Lopez Eng.	671,962					

Bid Evaluation Report



Fencing & Gates	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Pilgrim Fence					
Base Bid	270,872					
Spec #: N/A	Included					
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included					
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included					
Acknowledgment of Addendum 1	Included					
Bid Good for 60 Days	Included					
Prevailing Wage	Included					
Prequalification per Bid Invite	N/A					
Attachment C Acknowledgement	N/A					
Chain Link Fencing	See Allowances					
Chain Link Fence, 6' Tall at New Play Field Perimeter	See Allowances					
Footings for Fence Posts	See Allowances					
Steel Fence and Gates - (A0-1.1, No Spec)	Included					
Steel Fencing at Kindergarten Bldg per RFI 41 - 9/S63.5	Included					
Fencing Throughout Site per 9/A63.5	Included					
Single Gates Throughout Site - 1/A63.5 (1)	Included					
Double Gates Throughout Site - 8/A63.5 (9)	Included					
Panic Hardware at All Gates	Included					
TOTALS	270,872	0	0	0	0	0
Recommendation:	Amount					
Pilgrim Fence	270,872					

Bid Evaluation Report



Landscape & Irrigation	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Pierre Land.	Advanced Land. 2000	Venco Western	Marina	Date Printed	12/6/2016
					Dafau Land.	
Base Bid	21,277	See Below	See Below	See Below	See Below	
Spec #: 323000, 328400, 329000, 329010	Included	Included	Included	Included	Included	
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days	60 Days	30 Days	Included	Included	Included	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	
Planting	146,171	117,918	113,905	186,000	105,213	
Furnish/Install all Project Landscape Planting (Trees, Shrubs, Groundcover, Flowers, Sod, Vines, etc.)	Included	Included	Included	Included	Included	
Planting Legend per L201	Included	Included	Included	Included	Included	
Hydroseed New Field "Sportsfield Mix"	Included	Included	Included	Included	Included	
Staking, Tree Trunk Guards, Headers and Root Barriers	Included	Included	Included	Included	Included	
Backfill Mix for Use of Planting	Included	Included	Included	Included	Included	
Planting Details per L302	Included	Included	Included	Included	Included	
Irrigation	169,413	149,757	143,545	178,000	189,247	
Irrigation Legend per L103	Included	Included	Included	Included	Included	
All Piping - Sch 40 PVC or Class 315 / Class 200 PVC	Included	Included	Included	Included	Included	
Irrigation POC on Fir Ave per L102 - RFI 12	Included	Included	Included	Included	Included	
Auto Controllers, Backflow Device, Master Valve and Flow Sensor, Rain Shut off Device	Included	Included	Included	Included	Included	
Dripline Tubing, Lighting Equipment, Pull Boxes, and Wire Cable	Included	Included	Included	Included	Included	
Temporary Watering w/ GC Supplied Water	Included	Included	Included	Included	Included	
Irrigation Tie-Ins and sleeves	Included	Included	Included	Included	Included	
Irrigation Details per L301	Included	Included	Included	Included	Included	
Misc						
Gravel Floor Covering at Elec Enclosure - 1/A0-1.3	3,426	3,426	3,426	3,426	3,426	
Gravel Pads at Curb Cuts in Parking Lot - 14/C02	2,939	3,000	3,000	3,000	3,000	
2x2 Gravel 1-1.5" Dia x 4" Deep (4)	In Above	In Above	In Above	In Above	In Above	
DG - 2.5 Tons	Included	5,471	6,000	6,000	6,000	

Bid Evaluation Report



Landscape & Irrigation	Elm Street Elementary School Reconstruction					Job Number	Elm
	Subcontractors					Bid Date	12/7/2016
Description	Pierre Land.	Advanced Land. 2000	Venco Western	Marina	Dafau Land.	Date Printed	12/6/2016
						Biofiltration Basins - 11/C02 (3)	48,586
Vegetated Swale at Field - 15/C02 (Phase 2)	6,416	11,452	12,000	12,000	12,000		
Vegetated Swale at Field - SE Corner Not Identified on C-07	9,999	18,120	18,120	18,120	18,120		
12" Stone Layer, 6" Pea Gravel, 3" Sand & Geotextile Fabric	Included	In Above	In Above	In Above	In Above		
90 Day Maintenance	17,790	18,000	15,600	16,000	15,900		
(1) Year Warranty	Included	Included	Included	Included	Included		
Spoils Removal	2,275	3,000	3,000	3,000	3,000		
Move-Ins (2)	Included	Included	10,000	Included	Included		
TOTALS	428,292	363,185	369,596	466,546	396,906	0	
Recommendation:	Amount						
Advanced Land. 2000	363,185						

Bid Evaluation Report



Reinforcing Steel	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
	Description	Quality Reinforcing	Vista Steel	Stantru	Rebar Eng.	Date Printed
						12/6/2016
Base Bid	154,165	201,542	148,400	No Bid		
Spec #: 032000	Included	Included	Included			
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included			
Acknowledgment of Addendum 1	Included	Included	Included			
Bid Good for 60 Days	30 Days	30 Days				
Prevailing Wage	Included	Included	Included			
Prequalification per Bid Invite	N/A	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A	N/A			
Rebar	Included	Included	Included			
Buildings 1-4	Included	Included	Included			
Rebar for Footings	Included	Included	Included			
Rebar for Spread Footings	Included	Included	Included			
Rebar for Column Footings	Included	Included	Included			
Rebar for Stair Footings	Included	Included	Included			
Rebar for Pad Footings	Included	Included	Included			
Rebar for Slab on Grade	Included	Included	Included			
Site Concrete Reinforcing	In Site Conc	In Site Conc	In Site Conc			
Site CMU Wall Reinforcing	In CMU	In CMU	In CMU			
Hoisting as Required	7,500	7,500	7,500			
Allowance - 5 Tons/2% per 7/S303	12,000	11,347	14,900			
Misc Site Work	11,750	11,750	11,750			
Conc Pads for HVAC Equip - 16/S301	In Above	In Above	In Above			
Conc Pad for Elec Equip at Elec Yard - 16/S301	In Above	In Above	In Above			
Conc Base Under Rubber Play Surface at Kindergarten per 7/A63.5	In Above	In Above	In Above			
Fire Hydrant Bollards/Footings - 301/C04	In Above	In Above	In Above			
TOTALS	185,415	232,139	182,550	0	0	0
Recommendation:	Amount					
Stantru	182,550					

Bid Evaluation Report



Building Concrete	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Description	Subcontractors			Date Printed	12/6/2016
	Santa Clarita Concrete	JT Wimsatt			
Base Bid	988,000	955,000			
Spec #: 031000, 033000-AD1	Included	Included			
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included			
Acknowledgment of Addendum 1	Included	Included			
Bid Good for 60 Days	30 Days	30 Days			
Prevailing Wage	Included	Included			
Prequalification per Bld Invite	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A			
Structural Concrete	Included	Included			
Base - 2" Sand Fill over Vapor Barrier	Included	Included			
15 mlf. Vapor Barrier by Stego Ind.	Included	Included			
Bentonite Water Stop at Ext Wall Curbs - 1/A61.3	Included	Included			
Install Anchor/Sill Bolts for Wood Framing per Wall Framing Details - A-61.3	Included	Included			
Bldg 1 - Classroom (S-111 to 13)	Included	Included			
Spread Footings per Schedule on Foundation Pages S-111, 121, 131, 141 (W-1 to W-6)	Included	Included			
Column Footings (F-2 & F-3) - 10/S302	Included	Included			
5" SOG - 3&4/S301	Included	Included			
24" Conc Footing at Stair 1 per Note on S111	Included	Included			
10'x10'x2' Deep Footing at Exterior Stairs on Grade per Note on S111	Included	Included			
10'x10'x2' Deep Footing at Elevator Pit per S-111	Included	Included			
1-6" W x 1'-6" D Continuous Footing Between Ext. Column Footings - 8/S303	Included	Included			
2' D Footing by Width as Shown on S111 at Classrooms	Included	Included			
Elevator Pit per 13/S301	Included	Included			
Lt Wt Concrete Fill at Balconies on 2nd Floor of Classroom Bldg - 3/A63.4	60,000	56,000			
Concrete Fill at Pan Filled Metal Stair Treads and Landings w/ W4x4 Reinforcing - 2&6/S801	Included	18,000			
Balco Stair Strips AB-2 per 6/A1-45.3	3,250	3,250			
Bldg 2-4	Included	Included			
Spread Footings per Schedule on Foundation Pages S-111, 121, 131, 141 (W-1 to W-6)	Included	Included			

Bid Evaluation Report



Building Concrete	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Santa Clarita Concrete	JT Wimsatt			Date Printed	12/6/2016
5" SOG - 384/S301	Included	Included				
11' Deep x 20" Dia Concrete Footing for HSS Column at MPR Bldg 2 per 14/S303 (5)	Included	Included				
11' Deep x 20" Dia Concrete Footing for HSS Column at Admin Bldg 3 per 14/S303 (4)	Included	Included				
11' Deep x 20" Dia Concrete Footing for HSS Column at Kinder Bldg 4 per 14/S303 (10)	Included	Included				
4" Conc Curb at Locker Alcove at MPR Bldg per 6/A64.4	450	450				
Dewatering as Required	See Allowances	See Allowances				
Setting Anchor Bolt Templates	Included	Included				
Curing and Sealing Compounds per Specs as Required	Included	Included				
Wash Out Bins	Included	Included				
TOTALS	1,051,700	1,032,700	0	0	0	0
Recommendation:	Amount					
JT Wimsatt	1,032,700					

Bid Evaluation Report



Lightweight Concrete	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
	Subcontractors			Date Printed	12/6/2016
Description	Insul-Flow	JT Whimsatt	Cell-Crete		
Base Bid	43,195	80,000	No Bid		
Spec #: N/A	Included	Included			
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included			
Acknowledgment of Addendum 1	Included	Included			
Bid Good for 60 Days	Included	30 Days			
Prevailing Wage	Included	Included			
Prequalification per Bid Invite	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A			
Lt. Weight Concrete	Included	Included			
1-1/2" Lt Weight Concrete over Enkasonic Sound Mat on 2nd Floor of Classroom Building 1 - 16/S601 & 13&15/S612 & 8/A60.1	Included	Included			
Lt Wt Concrete Fill at Balconies on 2nd Floor of Classroom Bldg - 3/A63.4	In Concrete	In Concrete			
Lt Wt Concrete Fill at Pan Filled Metal Stair Treads and Landings w/ W4x4 Reinforcing - 2&6/S801	In Concrete	In Concrete			
Balco Stair Strips AB-2 per 6/A1-45.3	In Concrete	In Concrete			
TOTALS	43,195	80,000	0	0	0
Recommendation:	Amount				
Insul-Flow	43,195				

Bid Evaluation Report



Masonry	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Loyd Tonsing Masonry	Skidmore Masonry				
Base Bid	35,910	39,697				
Spec #: 042000	Included	Included				
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included				
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included				
Acknowledgment of Addendum 1	Included	Included				
Bid Good for 60 Days	45 Days	30 Days				
Prevailing Wage	Included	Included				
Prequalification per Bid Invite	N/A	N/A				
Attachment C Acknowledgement	N/A	N/A				
Site Masonry						
MFR - Basalite, Crystalline or Orco	Included	Included				
8x8x16 Grey Precision	Included	Included				
8' High 8" CMU Walls at Electrical Enclosure per 1/A01.3 & 9&10/S303	Included	Included				
Grouting as Required	Included	Included				
Furnish & Install Rebar for All CMU Site Walls	3,500	Included				
Scaffolding as Required	Included	Included				
Washout Bins	850	Included				
Mock-Up	2,500	2,500				
Precast Column Covers - 4/A64.4	36,847	36,847				
Bldg 1 - (22)	In Above	In Above				
Bldg 2 - (5)	In Above	In Above				
Bldg 3 - (4)	In Above	In Above				
Bldg 4 - (10)	In Above	In Above				
TOTALS	79,607	79,044	0	0	0	0
Recommendation:	Amount					
Skidmore Masonry	79,044					

Bid Evaluation Report



Structural Steel	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	Ironman, Inc	Golden State Steel		Date Printed	12/6/2016
Base Bid	481,000	475,480			
Spec #: 051200, 055000, 055100, 055213	Included	Included			
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included			
Acknowledgment of Addendum 1	Included	Included			
Bid Good for 60 Days	14 Days	30 Days			
Prevailing Wage	Included	Included			
Prequalification per Bid Invite	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A			
Structural Steel	Included	Included			
Contractor to Pay for Inspector Travel Expenses if Fabricator is outside of 25 Miles of Project Site	TBD	TBD			
Bldg 1 - Classroom	Included	Included			
HSS Steel Columns on First & Second Levels - 4x4, 5x5 & 6x6	Included	Included			
HSS Beams at Elevator - 4/S501	Included	Included			
"C" Channel Framing at Elevator - S111	Included	Included			
Pipe Columns at Roof Hip Beams - 19/S602	Included	Included			
"W" Steel Beams at Elevator - S113 & 2/S501	Included	Included			
Bldg 2 - MPR	Included	Included			
HSS 6x6 Steel Columns per 14/S303 (5)	Included	Included			
1-1/2" Dia Pipe at Ea End of Parapet Screen Walls and MC10x25 per 19A/S613	Included	2,850			
Bldg 3 - Admin	Included	Included			
HSS 6x6 Steel Columns per 14/S303 (4)	Included	Included			
1-1/2" Dia Pipe at Ea End of Parapet Screen Walls and MC10x25 per 19A/S613	Included	2,850			
Bldg 4 - Kindergarten	Included	Included			
HSS 6x6 Steel Columns per 14/S303 (10)	Included	Included			
Pipe Column at Roof Hip Beams - 19/S602 (1)	Included	Included			
Safety Cable Railing as Required	6,500	6,500			
FOB Anchor Bolts/ Templates for Own Work	Included	Included			
FOB Embeds, Weld Plates, etc. for Own Work	Included	Included			
Hoisting for All Work	Included	Included			
Steel Stairs	Included	Included			
Shop Primed and Painted	Included	Included			

Bid Evaluation Report



Structural Steel	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
				Date Printed	12/6/2016
Description	Subcontractors				
	Ironman, Inc	Golden State Steel			
Stairs 1-3 at Classroom Bldg 1 - S114 & S801	Included	Included			
Stair 1 - A1-45.4	Included	Included			
Stair 2 - A1-45.2	Included	Included			
Stair 3 - A1-45.3	Included	Included			
Steel Stairs (Pan Filled Concrete)	Included	Included			
HSS, MC, C Stringers, L Brackets and Metal Pan Landings	Included	Included			
Conc Nosing at Stairs - 6/A1-45.3	2,500	2,500			
Stair Railings and Guardrails	Included	Included			
Railings & Guardrails	Included	Included			
Bldg 1 - Classroom - A1-45.1, 2 & 3	Included	Included			
Stair Railings and Guardrails	Included	Included			
1-1/2" Handrail Both Sides - A63.2	Included	Included			
Guardrail at Midlandings - A63.2	Included	Included			
Guardrail at Top of Stairs - A63.2	Included	Included			
Stair 1 - A1-45.1	Included	Included			
Stair 2 - A1-45.2	Included	Included			
Stair 3 - A1-45.3	Included	Included			
Guardrails at 2nd Floor Walkways - A1-11.2	Included	Included			
Elevations - 12/A63.2	Included	Included			
Bldg 2 - MPR	Included	Included			
Roof Guardrail - 16/A63.1	Included	Included			
1" & 1-1/2" Dia Galv. Tube Steel	Included	Included			
Site	Included	Included			
Steel Bollards at Fire Hydrants - 301/C04	4,800	4,800			
Metal Gates are Site Elec Yard - 4/A0-1.3	Included	Included			
6'-8"Wx8'H Gate (1)	Included	Included			
10"Wx8'H Gate (1)	Included	Included			
HSS Posts, 22 GA Corrugated Panels, Hinges, Cane Bolts and Embed Plates	Included	Included			
Misc. Metal	Included	Included			
L2x2 Bracket for Countertops in Bldg 3 Admin	Included	Included			
Rms 3-121 & 3-122 - 8/A64.3	Included	Included			
Ridge Connection Plates per 12/5612	Included	4,200			
Drinking Fountain Cane Rails per 11/Gen-5 (2)	900	Included			
Drinking Fountain Cane Rails per 6/Gen-4 (1)	450	Included			
Bldg 3 - 12GA Bent Plates at 8" OC at Wall Popout - 13/A64.2	4,500	4,500			
Elevator Pit Ladder (1) - 1/A1-45.2 (None Shown)	750	Included			

Bid Evaluation Report



Structural Steel	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Subcontractors				Date Printed	12/6/2016
Description	Ironman, Inc	Golden State Steel			
Elevator Sill Angle & Threshold	Included	1,200			
Roof Access Ladders - 2/A64.4	Included	Included			
Bldg 1 - Classroom (1)	Included	Included			
Bldg 2 - MPR (1)	Included	Included			
Bldg 3 - Admin (1)	Included	Included			
Fixed Sun Screens	Included	Included			
HSS 4x4 Sleeve w/ 3/8" Steel Plate & 6x15" Plate at each Side of Kickers at Window Shades - 20/S602, A64.5, A64.6	Included	Included			
Bldg 1 - Classroom (8)	Included	Included			
Bldg 2 - MPR (6)	Included	Included			
Bldg 3 - Admin (2)	Included	Included			
Bldg 4 - Kindergarten (2)	Included	Included			
TOTALS	501,400	504,880	0	0	0
Recommendation:	Amount				
Ironman, Inc	501,400				

Bid Evaluation Report



Rough Carpentry	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	WS Klam	Abdelatif Ent.	JF Construction	Date Printed	12/6/2016
Base Bid	2,903,000	2,895,000	Incomplete		
Spec #: 061000, 061800, 061810, 065000, 066000	Included	Included			
Spec #: 067000, 097733, 107113.43	Included	Included			
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included			
Acknowledgment of Addendum 1	Included	Included			
Bid Good for 60 Days	30 Days	30 Days			
Prevailing Wage	Included	Included			
Prequalification per Bid Invite	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A			
Rough Framing	Included	Included			
Wall Schedule per A61.1	Included	Included			
Plywood Sheathing as Shown on Wall Types	Included	Included			
MFR - Standard Structures	Included	Included			
Glu-Laminated Beams & Struc Eng. Beams	Included	Included			
MFR - RedBuilt Drawings 1-5	Included	Included			
Open Web Trusses, I-Joists, LVL	Included	Included			
Simpson HDW as Scheduled	Included	Included			
Supply Anchor/Sill Bolts for Wood Framing per Wall Framing Details - A-61.3	61,173	62,000			
Hold Down Schedule (A-H4)	Included	Included			
Shear Wall Panels per 2/S621	Included	Included			
Mechanical Platforms at Roof on Bldg 2 & 3 - 8/S602	Included	Included			
Wall Framing - 2x4, 2x6, 2x8	Included	Included			
Wood Backing for All Wall Items - Millwork, TV's, Marker/Tackboards, Handrails, B-RM Acc.	Included	Included			
Plywood Backboards - Electrical / Low Voltage	1,250	1,250			
Wood Nailers at Roof Parapet Coping - 7/A63.1	Included	Included			
Storage of Lumber and Delivery to Site	Included	Included			
Safety Railing as Required at Bldg 1 2nd Floor	3,200	3,200			
Bldg 1 - Classroom	Included	Included			
Plywood Floor Sheathing - 18/S622	Included	Included			
Plywood Roof Sheathing - 18/S622	Included	Included			
1/2" Plywood at Exterior Walls per Struc Walls and Ext. Walls as Shown on A61.1	Included	Included			

Bid Evaluation Report



Rough Carpentry	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	WS Kiem	Abdellatif Ent.	JF Construction	Date Printed	12/6/2016
Flooring & Roof Joists per Schedule on Framing Plans per Building 1-4	Included	Included			
1/2" Plywood at Plaster Pilasters - 4/A64.4	Included	Included			
T1-11 Siding at Underside of Roof Overhang per 2.1/A60.1, 15/A64.2 & A1-11.5	Included	Included			
Hardie Board Fascia per Wall Sections on A1-32.1 through A1-32.6	Included	Included			
Install Pipe Columns at Roof Hip Beams - 5&19/S602 (3)	0	0			
Bldg 2 - MPR	Included	Included			
Plywood Roof Sheathing - 18/S622	Included	Included			
1/2" Plywood at Exterior Walls per Struc Walls and Ext. Walls as Shown on A61.1	Included	Included			
Kitchen Ceiling Joists - S701 & 3/A2-41.1	Included	Included			
Roof Joists per Schedule on Framing Plans per Building 1-4	Included	Included			
2x Furring Strips at Tetracum Panel Ceiling at Presentation/Serving Area Rm 105	In ACT	In ACT			
1/2" Plywood at Plaster Pilasters - 4/A64.4	Included	Included			
2x6 Framing and Plywood Sheathing at Parapet Screen Wall - 19A/S613 & 11/A64.2	Included	Included			
1x8 Wood Board at Coat Hooks on 1st and 2nd Floors - 14/A64.4	5,304	5,304			
Roof Crickets per A2-11.2 & S-122	Included	12,000			
Bldg 3 - Adm'n	Included	Included			
Plywood Roof Sheathing - 18/S622	Included	Included			
1/2" Plywood at Exterior Walls per Struc Walls and Ext. Walls as Shown on A61.1	Included	Included			
Roof Joists per Schedule on Framing Plans per Building 1-4	Included	Included			
Simpson Strong Walls - SWS B1 & B2	Included	Included			
1/2" Plywood at Plaster Pilasters - 4/A64.4	Included	Included			
2x6 Framing and Plywood Sheathing at Parapet Screen Wall - 19A/S613 & 11/A64.2	Included	Included			
Roof Crickets per A3-11.2 & S-132	Included	7,200			
Bldg 4 - Kindergarten	Included	Included			
Plywood Roof Sheathing - 18/S622	Included	Included			
1/2" Plywood at Exterior Walls per Struc Walls and Ext. Walls as Shown on A61.1	Included	Included			
Roof Joists per Schedule on Framing Plans per Building 1-4	Included	Included			
1/2" Plywood at Plaster Pilasters - 4/A64.4	Included	Included			

Bid Evaluation Report



Rough Carpentry	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	WS Klem	Abdellatif Ent.	JF Construction	Date Printed	12/6/2016
T1-11 Siding at Underside of Roof Overhang per 2.1/A60.1, 15/A64.2 & A4-11.3	Included	Included			
Hardie Board Fascia per Wall Sections on A4-32.1 through A4-32.4	Included	Included			
Install Pipe Column at Roof Hip Beams - 5&19/S602 (1)	650	650			
Fixed Sun Screens	Included	Included			
Fire Treated Lumber	Included	Included			
Window Shades per 20/S602 & A64.5 & A64.6	Included	Included			
4x4 & 4x6 Beams	Included	Included			
3x3 @ 8" OC	Included	Included			
4x4 Kickers w/ 3/8" Steel Plate & 6x15" Plate at each Side of Kicker	Included	Included			
4x6 & 4x10 Blocking per 3/S601	Included	Included			
Entrance Canopies per 17/S602 & A64.5 & A64.6	Included	Included			
4x10 & 6x10 Beams	Included	Included			
3x3 @ 8" OC	Included	Included			
Simpson Hardware	Included	Included			
4x Blocking	Included	Included			
Bldg 1 - Classroom	Included	Included			
Window Shades (8)	Included	Included			
Bldg 2 - MPR	Included	Included			
Window Shades (6)	Included	Included			
Entrance Canopies (1)	Included	Included			
Bldg 3 - Admin	Included	Included			
Window Shades (2)	Included	Included			
Entrance Canopies (2)	Included	Included			
Bldg 4 - Kindergarten	Included	Included			
Window Shades (2)	Included	Included			
FRP Panels - Miller Paneling	10,400	10,400			
MFR - Glasteel, Kemlite, Lasco, Marlite, Nudo	Included	Included			
Janitors Closets (Not Shown)	Included	Included			
Bldg 1 - Janitors Closets - 104, 112, 204	Included	Included			
Bldg 4 - Janitors Closet - 114	Included	Included			
TOTALS	2,984,977	2,997,004	0	0	0
Recommendation:	Amount				
WS Klem	2,984,977				

Bid Evaluation Report



Cabinets / Millwork	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Stolo Cab.	Fremont Millwork	Dennis Reeves	ICI Millwork		
Base Bid	67,190	68,530	62,974	62,042		
Spec #: 062000, 064100, 123600	Included	Included	Included	Included		
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	45 Days	30 Days	30 Days	90 Days		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Millwork						
Lower Cabinets with Hardware	Included	Included	Included	Included		
Plastic Laminate Finish	Included	Included	Included	Included		
Plastic Laminate Countertops	Included	Included	Included	Included		
Details per A64.3	Included	Included	Included	Included		
Bldg 1 - Classroom per A1-51.3 & 4	Included	Included	Included	Included		
Casework & Counters	Included	Included	Included	Included		
Rms - 101,2,6,7,8,9,18,19,20,21	Included	Included	Included	Included		
Rms - 201,2,6,7,8,9,11,13,14,15,16	Included	Included	Included	Included		
Bldg 3 - Admin per A3-11.1	Included	Included	Included	Included		
Countertops per 8/A64.3	Included	Included	Included	Included		
Rms - 3-121 & 3-122	Included	Included	Included	Included		
Rm - 3-125 - 1/A3-41.1	Included	Included	Included	Included		
Rm - 3-108 - 1/A3-41.2	Included	Included	Included	Included		
Casework & Counters	Included	Included	Included	Included		
Rm - 3-113 - 2/A3-51.1	Included	Included	Included	Included		
Rm - 3-111 - 1/A3-51.1	Included	Included	Included	Included		
Bldg 4 - Kindergarten per A4-51.1	Included	Included	Included	Included		
Casework & Counters	Included	Included	Included	Included		
Rms - 4-101,2,3,4 - A4-41.2 & A4-51.1	Included	Included	Included	Included		
Install Countertop Supports	3,000	3,000	3,000	3,000		
TOTALS	70,190	71,530	65,974	65,042	0	0
Recommendation:	Amount					
ICI Millwork	65,042					

Bid Evaluation Report



Waterproofing	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Systems WP	Angelus WP	Eberhard	Letner		
Base Bid	33,200	43,500	63,115	45,630		
Spec #: 071400, 071616, 079005	Included	Included	Included	Included		
Spec #: 099723	Included	Included	Included	Included		
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	Included	30 Days	60 Days	Included		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Waterproofing	Included	Included	Included	Included		
Hot Fluid Applied	Included	Included	Included	Included		
MFR - Tremco, American Hydrotech, Barrett	Included	Included	Included	Included		
At Exterior Decks on Bldg 1 Classroom - 3/A63.4	Included	Included	Included	Included		
Under Topping Slabs at Exterior Decks	Included	Included	Included	Included		
Crystalline	Included	Included	Included	Included		
MFR - Euclid, Gemite, Koster or Vandez	Included	Included	Included	Included		
Inside of Elevator Pit	Included	Included	Included	Included		
Misc	Included	Included	Included	Included		
2" Thick WP at Flag Pole per 8/A64.4	2,000	2,000	2,000	2,000		
Caulking & Sealants	Included	Included	Included	Included		
Per Schedule in Specs 3.3	Included	Included	Included	Included		
Windows, Doors, Walls, As Shown	34,642	34,642	34,642	34,642		
Sealed Concrete per RFI 10	Included	Included	Included	Included		
Conc - Natural Concrete Sealed	Included	Included	Included	Included		
MFR - Concrete Coatings Inc. - CCI SuperSeal 20-WB	Included	Included	Included	Included		
Storage, Data, Elec, Custodian, Control and Fire Riser Rooms per Finish Schedule	25,594	25,594	25,594	25,594		
Bldg 1- Classroom	In Above	In Above	In Above	In Above		
Rms - 104, 110A, 112, 116, 122, 204, 212, 217	In Above	In Above	In Above	In Above		
Bldg 2 - MPR	In Above	In Above	In Above	In Above		
Rms - 109 & 110	In Above	In Above	In Above	In Above		
Bldg 3 - Admin	In Above	In Above	In Above	In Above		
Rms - 116, 119, 123	In Above	In Above	In Above	In Above		

Bid Evaluation Report



Waterproofing	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Systems WP	Angelus WP	Eberhard	Letner		
Bldg 4 - Kindergarten	In Above	In Above	In Above	In Above		
Rms - 114, 115, 116	In Above	In Above	In Above	In Above		
TOTALS	95,436	105,736	125,351	107,866	0	0
Recommendation:	Amount					
Systems WP	95,436					

Bid Evaluation Report



Insulation	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	DJ Insulation	Viking Insulation	ALCAL		Date Printed	12/6/2016
					Base Bid	80,000
Spec #: 72100	Included	Included	Included			
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included			
Acknowledgment of Addendum 1	Included	Included	Included			
Bid Good for 60 Days	60 Days	Included	30 Days			
Prevailing Wage	Included	Included	Included			
Prequalification per Bid Invite	N/A	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A	N/A			
Thermal and Blanket Insulation	Included	Included	Included			
Interior, Exterior Walls, Ceilings, Roof	Included	Included	Included			
R19 & 8" Batts at Int & Ext Walls	Included	Included	Included			
R30 at Roof	Included	Included	30,000			
Walls with "A" Designation to Receive Insulation per A61.1	Included	Included	Included			
Insulation at All Buildings 1-4	Included	Included	Included			
TOTALS	80,000	89,860	86,152	0	0	
Recommendation:	Amount					
DJ Insulation	80,000					

Bid Evaluation Report



Sheet Metal & Metal Panels	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	R&J SM	Merit Metal Products				
Base Bid	151,100	147,000				
Spec #: 076200, 077123, 077200	Included	Included				
Spec #: 034900	Included	Included				
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included				
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included				
Acknowledgment of Addendum 1	Included	Included				
Bid Good for 60 Days	30 Days	30 Days				
Prevailing Wage	Included	Included				
Prequalification per Bid Invite	N/A	N/A				
Attachment C Acknowledgement	N/A	N/A				
Sheet Metal	Included	Included				
All General Sheet Metal: Roof, Decking, Walls	Included	Included				
Flashings	Included	Included				
Trim	Included	Included				
Flexible Flashing and Underlayment	Included	Included				
Flashing at Mechanical Pads	Included	Included				
SS Sill Pan at Ext. Storefront Base - 19/A62.3	Included	Included				
Bldg 1 - Classroom	Included	Included				
Balcony Flashing at 2nd Floor - 3/A63.4	Included	Included				
Bldg 2 - MPR	Included	Included				
Parapet Coping - 22 Ga - 7/A63.1	Included	Included				
SM Flashing at Parapet Top - 11/A64.2	Included	Included				
Bldg 3 - Admin	Included	Included				
Parapet Coping - 22 Ga - 7/A63.1	Included	Included				
SM Flashing at Parapet Top - 11/A64.2	Included	Included				
GSM Flashing at Wall Popout - 13/A64.2	Included	Included				
Door & Window Sill/Head Flashings	42,582	50,000				
Gutters & Downspouts - 12813/A64.4 - RFI 26	Included	Included				
Galvanized, Rectangular Shaped - Painted	Included	Included				
Bldg 1 - Classroom	Included	Included				
Bldg 4 - Kindergarten	Included	Included				
Splash Blocks at Downspouts per Elevations	Included	Included				
Roof Hatch - 9/A63.1	Included	Included				
MFR - Acudor, Bilco, Dur-Red, Milcor	Included	Included				
Prefab Curb by MFR	Included	Included				
Bldg 1 - Classroom - (1)	Included	Included				

Bid Evaluation Report



Sheet Metal & Metal Panels		Elm Street Elementary School Reconstruction			Job Number	Elm
					Bid Date	12/7/2016
Description		Subcontractors			Date Printed	12/6/2016
		R&J SM	Merit Metal Products			
Bldg 2 - MPR (1)		Included	Included			
Bldg 3 - Admin (1)		Included	Included			
GFRC Panels - RFI 50						
Bldg 2 - MPR - A2-11.2		12,697	12,697			
GFRC Panels at Parapet Overhang - 11/A64.2		In Above	In Above			
Bldg 3 - Admin		14,127	14,127			
GFRC Panels at Parapet Top - 11/A64.2		In Above	In Above			
TOTALS		220,506	223,824	0	0	0
Recommendation:		Amount				
R&J SM		220,506				

Bid Evaluation Report



Roofing	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Eberhard	Letrier	Best Cont.	Commercial Roofing	Ferguson & Melvin	
Base Bid	344,200	422,350	472,000	352,124	Incomplete	
Spec #: 073110, 075423, 072800	Included	Included	Included	Included		
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	60 Days	90 Days	90 Days	30 Days		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Asphalt Shingles	Included	Included	Included	Included		
MFR - GAF, Owens-Corning, CertainTeed	Included	Included	Included	Included		
Underlayment per 072800	Included	Included	Included	Included		
Bldg 1 - Classroom - A1-11.3	Included	Included	Included	Included		
Bldg 4 - Kindergarten - A4-11.2	Included	Included	Included	Included		
TPO Roofing	Included	Included	Included	Included		
MFR - Firestone or Equal per RFI 1	Included	Included	Included	Included		
Single Ply Roofing System	Included	Included	Included	Included		
Fully Adhered	Included	Included	Included	Included		
Mechanically Fastened	Included	Included	Included	Included		
R30 Rigid Insulation - RFI 22	Included	Included	Included	Included		
5/8" Coverboard at Roof per RFI 21	Included	Included	Included	Included		
Walk Pads - Per Roofing Plans	Included	Included	Included	Included		
Parapet Walls	Included	Included	Included	Included		
Bldg 2 - MPR - A2-11.2	Included	Included	Included	Included		
Bldg 3 - Admin - A3-11.2	Included	Included	Included	Included		
TOTALS	344,200	422,350	472,000	352,124	0	0
Recommendation:	Amount					
Eberhard	344,200					

Bid Evaluation Report



Doors, Frames & Hardware		Elm Street Elementary School Reconstruction			Job Number	Elm
					Bid Date	12/7/2016
		Subcontractors			Date Printed	12/6/2016
Description	Design Hardware	Star Hardware	Construction Hardware			
Base Bid	277,648	225,035	222,820			
Spec #: 081113, 081416, 087100 1-4	Included	Included	Included			
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included			
Acknowledgment of Addendum 1	Included	Included	Included			
Bid Good for 60 Days	60 Days	Included	30 Days			
Prevailing Wage	Included	Included	Included			
Prequalification per Bid Invite	N/A	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A	N/A			
Hollow Metal Doors and Frames	Included	Included	Included			
MFR per Specs	Included	Included	Included			
Frame Details - A62.1	Included	Included	Included			
Site	Included	Included	Included			
Site 3'-4"x8" HM Door & Frame at Elec Enclosure per 1/A0-1.3 (1)	1,250	1,250	1,250			
Bldg 1 - Classroom - A1-52.1	Included	Included	Included			
Bldg 2 - MPR - A2-52.1	Included	Included	Included			
Bldg 3 - Admin - A3-52.1	Included	Included	Included			
Bldg 4 - Kindergarten - A4-52.1	Included	Included	Included			
Install HM Doors	Included	Included	Included			
Install HM Frames	In Drywall	In Drywall	In Drywall			
Install Wood Doors	Included	Included	Included			
Door Hardware	Included	Included	Included			
Hardware per Schedule in Specs per Bldg 1-4	Included	Included	Included			
Door Thresholds	Included	Included	Included			
Misc. Door Hardware	Included	Included	Included			
Storefront Doors	13,000	11,550	12,760			
Panic Hardware at Gates - 9 Doubles & 1 Single	In Fencing	In Fencing	In Fencing			
TOTALS	291,898	237,835	236,830	0	0	0
Recommendation:	Amount					
Construction Hardware	236,830					

Bid Evaluation Report



Glass & Glazing	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Description	Subcontractors			Date Printed	12/6/2016
	Santa Barbara Glass	Coast to Coast			
Base Bid	259,650	No Bid			
Spec #: 084313, 085113, 088000, 102229	Included				
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included				
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included				
Acknowledgment of Addendum 1	Included				
Bid Good for 60 Days	Included				
Prevailing Wage	Included				
Prequalification per Bid Invite	N/A				
Attachment C Acknowledgement	N/A				
Aluminum-Framed Storefronts	Included				
MFR - Coral, CR Laurence, EFCO or Kawneer	Included				
SS Sill Pan at Ext. Storefront Base - 19/A62.3	In Sheet Metal				
Bldg 2- MPR	Included				
Alum Storefront Entrance Doors 101 per 1/A2-52.2 per RFI 51	Included				
Bldg 3 - Admin	Included				
Breakout Rooms 128, 129, 130 - 1/A3-52.2	Included				
Makers Space Room 120 - 3/A3-52.2	Included				
Health Office Room 113 - 2/A3-52.2	Included				
Entrances 101 & 126 - 4/A3-52.2	Included				
Storefront Hardware	33,125				
Aluminum Windows	Included				
BOD - Arcadia or EFCO, Wausau, YKK	Included				
Arcadia Series T200 - Factory Finish	Included				
1/4" Safety Glass at Window Types 1,2,3,4,5 - RFI 23	Included				
Bldg 1 - Classroom - A1-52.2	Included				
Type 1 - 6x6 (46)	Included				
Type 2 - 4x6 (4)	Included				
Type 3 - 6x2 (42)	Included				
Bldg 2 - MPR - A2-52.1	Included				
Type 1 - 8x2 (2)	Included				
Type 2 - 6x2 (4)	Included				
Type 3 - 8x4 (2)	Included				
Type 4 - 10x4 (5)	Included				

Bid Evaluation Report



Glass & Glazing	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Santa Barbara Glass	Coast to Coast				
Type 5 - 8x4 (3)	Included					
Bldg 3 - Admin - A3-52.1	Included					
Type 1 - 6'-10"x6 (16)	Included					
Type 2 - 4x6 (4)	Included					
Type 3 - 5x6 (1)	Included					
Type 4 - 6x6 (4)	Included					
Type 5 - 4x4 (1)	Included					
Bldg 4 - Kindergarten - A4-52.1	Included					
Type 1 - 6x4 (20)	Included					
Sealing and Caulking for All Window/Door Systems per Arch Details	24,250					
Glazing	Included					
Glass for Vision Lites, Storefronts & Windows	Included					
Admin Bldg - Office Doors - 103, 104, 105, 106, 107, 110	Included					
Full Height Glazed Partition System	N/A					
MFR - Avanti Solare	N/A					
Breakout Room 1, 2 & 3 per A3-11.1	N/A					
TOTALS	317,025	0	0	0	0	0
Recommendation:	Amount					
Santa Barbara Glass	317,025					

Bid Evaluation Report



Plaster & Drywall	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Church and Larsen	Berger Bros.	Rutherford Co.	Premier Drywall	Pacific Int. / Perlite Plaster	Jade, Inc / Perlite Plaster
Base Bid	2,269,000	1,510,081	1,799,990	1,625,947	1,467,580	1,640,988
Spec #: 092116, 092216, 092236.23, 092400	Included	Included	Included	Included	Included	Included
Spec #: 078400, 083100, 072500	Included	Included	Included	Included	Included	Included
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	Included
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	Included
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	Included
Bid Good for 60 Days	30 Days	Included	30 Days	30 Days	Included	30 Days
Prevailing Wage	Included	Included	Included	Included	Included	Included
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	N/A
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	N/A
Plaster	Included	Included	Included	Included	Included	Included
Exterior Elevations of All Buildings 1-4	Included	Included	Included	Included	Included	Included
Bldg 1 - A1-21.1 & 2	Included	Included	Included	Included	Included	Included
Bldg 2 - A2-21.1	Included	Included	Included	Included	Included	Included
Bldg 3 - A3-21.1	Included	Included	Included	Included	Included	Included
Bldg 4 - A4-21.1	Included	Included	Included	Included	Included	Included
Ext. Column Covers per 3/A64.4	Included	Included	Included	Included	Included	Included
Texture - Smooth Finish	Included	Included	Included	Included	Included	Included
Exterior Plaster Ceilings and Soffits - A64.2	Included	Included	Included	Included	Included	Included
Foam Trim Pieces at Windows per Details 5&8/A62.2	Included	Included	Included	Included	Included	Included
Wainscoting at Exterior of Buildings up to 3' High per Elevations	Included	Included	Included	Included	Included	Included
Weather or Air Barrier per Section 072500 & 072800	Included	Included	Included	Included	Included	Included
MFR - Tyvek, Fiberweb or Vaprosheild	Included	Included	Included	Included	Included	Included
2-Layers Grade D Kraft Paper	Included	Included	Included	Included	Included	Included
3-Coat System	Included	Included	Included	Included	Included	Included
Glass Fiber Reinforcement	Included	Included	Included	Included	Included	Included
Lath & Paper	Included	Included	Included	Included	Included	Included
Ribbed Lath at Plaster Ceilings & Soffits	Included	Included	Included	Included	Included	Included
Expansion/Control Joints	Included	Included	Included	Included	Included	Included
Plaster Trim	Included	Included	Included	Included	Included	Included
Vent & Weep Screeds	Included	Included	Included	Included	Included	Included
Flexible Membrane Waterproofing	Included	Included	Included	Included	Included	Included
Patching, Taping, Floating as Required	Included	Included	Included	Included	Included	Included

Bid Evaluation Report



Plaster & Drywall	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Church and Larsen	Berger Bros.	Rutherford Co.	Premier Drywall	Pacific Int. / Perlite Plaster	Jade, Inc / Perlite Plaster
All Required Caulking and Sealants at Penetrations	Included	Included	Included	Included	Included	Included
Scaffolding for Own Work	90 Days	90 Days	Included	Included	Included	Included
Trade Damage - Plaster (40 Hours)	5,400	5,400	5,400	5,400	5,400	5,400
Drywall	Included	Included	Included	Included	Included	Included
Drywall per Wall Schedule - A61.1 & A61.2	Included	Included	Included	Included	Included	Included
Drywall Ceilings per A60.2 & A64.2	Included	Included	Included	Included	Included	Included
Bldg 2 - No Notes for Gyp on Roof Joists	Included	Included	Included	Included	Included	Included
Bldg 3 - 2/A3-32.2 notes detail 15/A-61.3	Included	Included	Included	Included	Included	Included
Bldg 4 - 2 Layers Gyp on Ceiling Joists - 2 & 3/A4-32.1 & A4-32.2 notes detail 15/A-61.3	Included	Included	Included	Included	Included	Included
5/8" Drywall Vertical Surfaces	Included	Included	Included	Included	Included	Included
Cement Backerboard at Restroom Walls	Included	Included	Included	Included	Included	Included
Level 1-4 Finish at Locations per Specifications Based on Paint or Wall Finish	Included	Included	Included	Included	Included	Included
Fire Resistant Sealants at Head and Base of Walls per A61.1	Included	Included	Included	Included	Included	Included
Acoustic Sealants as Shown and Spec'd	Included	Included	Included	Included	Included	Included
Installation of HM Door Frames Supplied by Others	25,250	25,250	25,250	25,250	25,250	25,250
Supply and Install of Access Panels 12x12	4,500	4,500	4,500	4,500	4,500	4,500
Installation of FEC Supplied by Others	3,000	3,000	3,000	3,000	3,000	3,000
Drywall Pickup	Included	Included	Included	Included	Included	Included
Hoisting for Own Work	Included	Included	Included	Included	Included	Included
Trade Damage - Drywall (80 Hours)	10,800	10,800	10,800	10,801	10,802	10,803
TOTALS	2,317,950	1,559,031	1,848,940	1,674,898	1,516,532	1,689,941
Recommendation:	Amount					
Pacific Int. / Perlite Plaster	1,516,532					

Bid Evaluation Report



Tile Flooring	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Description	Subcontractors			Date Printed	12/6/2016
	Stoneware Tile	J. Colavin & Son	Stonerock Tile		
Base Bid	118,809	145,690	171,350		
Spec #: 093000, 090561	Included	Included	Included		
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included		
Bid Good for 60 Days	30 Days	90 Days	60 Days		
Prevailing Wage	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A		
Tile	Included	Included	Included		
MFR - Dal-Tile, Groups 2 & 3	Included	Included	Included		
DalTile Keysontes 2"x2" Mosaic - Floors	Included	Included	Included		
DalTile Ceramic 4-1/4"x4-1/4" - Walls in Checkerboard Pattern - RFI 25	Included	Included	Included		
Tile on Cement Backer Board	In Drywall	In Drywall	In Drywall		
Cold Applied Waterproofing Membrane	Included	Included	Included		
Men's & Women's Restrooms	Included	Included	Included		
Faculty Restrooms	Included	Included	Included		
Bldg 1 - Classroom per A1-41.3 & A1-51.1 & 2	Included	Included	Included		
Rms - 103, 105, 110, 111, 113, 203, 205	Included	Included	Included		
Bldg 2 - MPR per 2/A2-41.1 & A2-51.1	Included	Included	Included		
Rm - 114	In Above	Included	Included		
Quarry Tile in Rms 106, 107, 108, 111, 112, 113, 114	In Above	Included	Included		
Bldg 3 - Admin per A3-41.1 & A3-51.1	Included	Included	Included		
Rms - 115, 117, 118	Included	Included	Included		
Bldg 4 - Kindergarten per A4-41.1 & 2 & A4-51.2	Included	Included	Included		
Rms - 107, 108, 112, 113	Included	Included	Included		
Sink Vestibule 106 & 111	Included	Included	Included		
TOTALS	118,809	145,690	171,350	0	0
Recommendation:	Amount				
Stoneware Tile	118,809				

Bid Evaluation Report



Acoustical Ceilings	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Southwest Acoustical Int.	Sound Control	Commercial Interiors	Eiljay Acoustics	Date Printed	12/6/2016
					Cali-USA Acoustics	Prime Acoustics
Base Bid	174,760	212,000	196,568	282,000	178,000	221,000
Spec #: 095100, 098400, 098413	Included	Included	Included	Included	Included	Included
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	Included
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	Included
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	Included
Bid Good for 60 Days	30 Days	60 Days	Included	Included	Included	Included
Prevailing Wage	Included	Included	Included	Included	Included	Included
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	N/A
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	N/A
Acoustical Panel Ceilings	Included	Included	Included	Included	Included	Included
MFR - Armstrong, ACP, CerainTeed, Hunter Douglas or USG	Included	Included	Included	Included	Included	Included
Armstrong Fine Fissured, White, No Pattern, 3/4" Thick 24"x48"	Included	Included	Included	Included	Included	Included
Grid - Prelude XL 15/16" Exposed Tee by Armstrong	Included	Included	Included	Included	Included	Included
Prefinished Aluminum Capping (White) per Specs 095100, 2.03, C. 3	17,000	17,900	16,058	17,000	10,000	17,000
Unistrut per 13&14/A64.1	N/A	N/A	N/A	N/A	N/A	N/A
Install Wire Through Blocking per 10/A64.1	N/A	N/A	N/A	N/A	N/A	N/A
Expansion Joints at Ceiling per 7/A64.1	N/A	N/A	N/A	N/A	N/A	N/A
ACT Details per A64.1 & 2	Included	Included	Included	Included	Included	Included
Bldg 1 - Classroom - A1-11.4 & 5	Included	Included	Included	Included	Included	Included
Bldg 3 - Admin - A3-11.3	Included	Included	Included	Included	Included	Included
Bldg 4 - Kinder - A4-11.3	Included	Included	Included	Included	Included	Included
Fixed Sound-Absorptive Panels	Included	Included	Included	Included	Included	Included
ACP-1 MPR/Gym	Included	Included	Included	Included	Included	Included
MFR - Tectum 2" Thick Panels	Included	Included	Included	Included	Included	Included
Hat Channel and Furring Strips - A64.2	Included	Included	Included	Included	Included	Included
Bldg 2 -MPR	Included	Included	Included	Included	Included	Included
2" Tectum Ceiling Panels	Included	Included	Included	Included	Included	Included
Presentation Area - 8/A64.2	Included	Included	Included	Included	Included	Included
2x Furring at Presentation Ceiling - 8/A64.2	2,736	2,736	2,736	2,736	2,736	2,736
Multi-Purpose Room -2/A64.2	Included	Included	Included	Included	Included	Included
2" x 4' High Tectum Wall Panels - A2-51.1	Included	Included	Included	Included	Included	Included
Acoustic Room Components	N/A	N/A	N/A	N/A	N/A	N/A

Bid Evaluation Report



Acoustical Ceilings		Elm Street Elementary School Reconstruction				Job Number	Est	
		Subcontractors				Bid Date	12/7/2016	
						Date Printed	12/6/2016	
Description	Southwest Acoustical Int.	Sound Control	Commercial Interiors	Elitjay Acoustics	Cali-USA Acoustics	Prime Acoustics		
Mineral Fiber Core Ceiling Baffles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
TOTALS	194,496	232,636	215,362	301,736	190,736	240,736		
Recommendation:	Amount							
Cali-USA Acoustics	190,736							

Bid Evaluation Report



Acoustical Ceilings	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Hamilton Ceiling Systems	CG Acoustics	Chaney Company	Coustic-Glo	Date Printed	12/6/2016
					Base Bid	200,370
Spec #: 095100, 098400, 098413	Included	Included	Included	Included		
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	30 Days	Included	60 Days	60 Days		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Acoustical Panel Ceilings	Included	Included	Included	Included		
MFR - Armstrong, ACP, CerainTeed, Hunter Douglas or USG	Included	Included	Included	Included		
Armstrong Fine Fissured, White, No Pattern, 3/4" Thick 24"x48"	Included	Included	Included	Included		
Grid - Prelude XL 15/16" Exposed Tee by Armstrong	Included	Included	Included	Included		
Prefinished Aluminum Capping (White) per Specs 095100, 2.03, C. 3	17,000	17,000	17,000	17,000		
Unistrut per 13&14/A64.1	N/A	N/A	N/A	N/A		
Install Wire Through Blocking per 10/A64.1	N/A	N/A	N/A	N/A		
Expansion Joints at Ceiling per 7/A64.1	N/A	N/A	N/A	N/A		
ACT Details per A64.1 & 2	Included	Included	Included	Included		
Bldg 1 - Classroom - A1-11.4 & 5	Included	Included	Included	Included		
Bldg 3 - Admin - A3-11.3	Included	Included	Included	Included		
Bldg 4 - Kinder - A4-11.3	Included	Included	Included	Included		
Fixed Sound-Absorptive Panels	Included	Included	Included	Included		
ACP-1 MPR/Gym	Included	Included	Included	Included		
MFR - Tectum 2" Thick Panels	Included	Included	Included	Included		
Hat Channel and Furring Strips - A64.2	Included	Included	Included	Included		
Bldg 2 -MPR	Included	Included	Included	Included		
2" Tectum Ceiling Panels	Included	Included	Included	Included		
Presentation Area - 8/A64.2	Included	Included	Included	Included		
2x Furring at Presentation Ceiling - 8/A64.2	2,736	2,736	2,736	2,736		
Multi-Purpose Room -2/A64.2	Included	Included	Included	Included		
2" x 4' High Tectum Wall Panels - A2-51.1	Included	Included	Included	Included		
Acoustic Room Components	N/A	N/A	N/A	N/A		

Bid Evaluation Report



Acoustical Ceilings	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Hamilton Ceiling Systems	CG Acoustics	Chaney Company	Coustic-Glo	Date Printed	12/6/2016
Mineral Fiber Core Ceiling Baffles	N/A	N/A	N/A	N/A		
TOTALS	220,106	221,236	267,936	386,329	0	0
Recommendation:	Amount					
Call-USA Acoustics	190,736					

Bid Evaluation Report



Carpet & Resilient Flooring	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Hur Flooring	JJJ Flooring	Floor Tech America	Continental Flooring	Date Printed	12/6/2016
					Reliable Flooring	
Base Bid	115,000	191,618	152,745	102,721	108,814	
Spec #: 096500, 096566, 096800, 090561	Included	Included	Included	Included	Included	
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days	30 Days	60 Days	Included	60 Days	30 Days	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	
Flooring						
Minor Floor Prep	Included	Included	Included	Included	Included	
Testing for PH and Moisture	Included	Included	Included	6,500	Included	
Remediation if Applicable	\$3.70 / SF	\$5.25 / SF	\$5.00 / SF	\$5.00 / SF	\$5.00 / SF	
Resilient Flooring	Included	Included	Included	Included	Included	
MFR - Armstrong, Exelon, Imperial Textures 12"x12" - RFI 10	Included	Included	Included	Included	Included	
Resilient Base - Rubber, Cove, 4"	Included	Included	Included	Included	Included	
Bldg 1 - Classroom	Included	Included	Included	Included	Included	
All Classrooms	Included	Included	Included	Included	Included	
VCT in Elevator Cab per 7/Gen-6	650	650	650	650	650	
Bldg 2 - MPR	Included	Included	Included	Included	Included	
Rms - 102, 103, 104, 115	Included	Included	Included	Included	Included	
Bldg 3 - Admin	Included	Included	Included	Included	Included	
Rms - 101, 102, 107-114, 120-122	Included	Included	Included	Included	Included	
Bldg 4 - Kindergarten	Included	Included	Included	Included	Included	
Rms - 101-105, 109, 110	Included	Included	Included	Included	Included	
Carpet Tile	Included	Included	Included	Included	Included	
MFR - Shaw, Tandus, Aladdin	Included	Included	Included	Included	Included	
Broadloom Carpet: Patcraft - 10129 Night Moves, 2970I Romance - RFI 16	Included	Included	Included	Included	Included	
Bldg 3 - Admin	Included	Included	Included	Included	Included	
Rms - 103-106, 124-130	Included	Included	Included	Included	Included	
Resilient Athletic Flooring	Included	Included	Included	Included	Included	
MFR - AFP, No Fault Sport, Pawling, Robbins	Included	Included	Included	Included	Included	
24x24, 1/4" Thick	Included	Included	Included	Included	Included	

Bid Evaluation Report



Carpet & Resilient Flooring	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Hur Flooring	JJJ Flooring	Floor Tech America	Continental Flooring	Date Printed	
					Reliable Flooring	12/6/2016
Color A & B - A63.3	Included	Included	Included	Included	Included	
Bldg 2 - MPR	Included	Included	Included	Included	Included	
Rm - 101 & 105	Included	Included	Included	Included	Included	
Basketball Court Striping - 1&2/A63.3	5,500	5,500	5,500	5,500	5,500	
Volleyball Court	In Above	In Above	In Above	In Above	In Above	
Basketball Court	In Above	In Above	In Above	In Above	In Above	
TOTALS	121,150	197,768	158,895	115,371	114,964	0
Recommendation:	Amount					
Reliable Flooring	114,964					

Bid Evaluation Report



Painting	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Triumph Painting	Borbon Inc	Channel Coast Corp	Vanguard	Prime Painting	Valley Painting
	Base Bid	280,734	238,650	249,822	219,600	220,000
Spec #: 099000	Included	Included	Included	Included	Included	Included
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	Included
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	Included
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	Included
Bid Good for 60 Days	90 Days	Included	Included	30 Days	Included	Included
Prevailing Wage	Included	Included	Included	Included	Included	Included
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	N/A
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	N/A
Painting and Coating						
BOD - Dunn Edwards or EM, PPG, SW, Vista	Included	Included	Included	Included	Included	Included
Colors TBD - RFI 10	Included	Included	Included	Included	Included	Included
Bldg 1 Finish Sch - A1-53.1	Included	Included	Included	Included	Included	Included
Bldg 2 Finish Sch - A2-53.1	Included	Included	Included	Included	Included	Included
Bldg 3 Finish Sch - A3-53.1	Included	Included	Included	Included	Included	Included
Bldg 4 Finish Sch - A4-53.1	Included	Included	Included	Included	Included	Included
(2) Top Coats and (1) Coat Primer	Included	Included	Included	Included	Included	Included
Exterior Plaster All Bldgs	Included	Included	Included	Included	Included	Included
Walls and Ceilings	Included	Included	Included	Included	Included	Included
Insulated and Exposed Pipes, Ducts, Conduit, Hangers, Brackets, Collars and Supports, Mechanical and Electrical Equipment	Included	Included	Included	Included	Included	Included
Shop-Primed Items	Included	Included	Included	Included	Included	Included
High Performance Coating at Ext. Hand and Guardrails - A63.2	Included	Included	14,500	Included	Included	Included
Exterior Stairs Shop Primed and Painted	Included	Included	Included	Included	Included	Included
Intumescent Fireproofing	110,000	93,125	110,000	110,000	110,000	110,000
HSS Steel at Ext. Column Covers per 3/A64.4	In Above	Included	In Above	In Above	In Above	In Above
Bldg 1 - (22)	In Above	Included	In Above	In Above	In Above	In Above
Bldg 2 - (5)	In Above	Included	In Above	In Above	In Above	In Above
Bldg 3 - (4)	In Above	Included	In Above	In Above	In Above	In Above
Bldg 4 - (10)	In Above	Included	In Above	In Above	In Above	In Above
HSS Columns at 2nd Floor - 18/A64.4	In Above	5,000	In Above	In Above	In Above	In Above

Bid Evaluation Report



Painting	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Triumph Painting	Borbon Inc	Channel Coast Corp	Vanguard	Prime Painting	Valley Painting
TOTALS	390,734	336,775	374,322	329,600	330,000	463,465
Recommendation:	Amount					
Vanguard	329,600					

Bid Evaluation Report



Painting	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	Guy Smithson	Pacific Painting Co	ISR Painting	Date Printed	12/6/2016
Base Bid	368,123	343,000	Incomplete		
Spec #: 099000	Included	Included			
Spec #:					
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included			
Acknowledgment of Addendum 1	Included	Included			
Bid Good for 60 Days	Included	Included			
Prevailing Wage	Included	Included			
Prequalification per Bid Invite	N/A	N/A			
	N/A	N/A			
Painting and Coating					
BOD - Dunn Edwards or EM, PPG, SW, Vista	Included	Included			
Colors TBD - RFI 10	Included	Included			
Bldg 1 Finish Sch - A1-53.1	Included	Included			
Bldg 2 Finish Sch - A2-53.1	Included	Included			
Bldg 3 Finish Sch - A3-53.1	Included	Included			
Bldg 4 Finish Sch - A4-53.1	Included	Included			
(2) Top Coats and (1) Coat Primer	Included	Included			
Exterior Plaster All Bldgs	Included	Included			
Walls and Ceilings	Included	Included			
Insulated and Exposed Pipes, Ducts, Conduit, Hangers, Brackets, Collars and Supports, Mechanical and Electrical Equipment	Included	Included			
Shop-Primed Items	Included	Included			
High Performance Coating at Ext. Hand and Guardrails - A63.2	Included	Included			
Exterior Stairs Shop Primed and Painted	Included	Included			
Intumescent Fireproofing	110,000	110,000			
HSS Steel at Ext. Column Covers per 3/A64.4	In Above	In Above			
Bldg 1 - (22)	In Above	In Above			
Bldg 2 - (5)	In Above	In Above			
Bldg 3 - (4)	In Above	In Above			
Bldg 4 - (10)	In Above	In Above			

Bid Evaluation Report



Painting	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Guy Smithson	Pacific Painting Co	ISR Painting			
TOTALS	478,123	453,000	0	0	0	0
Recommendation:	Amount					
Vanguard	329,600					

Bid Evaluation Report



Visual Display Boards	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	ABC School Equip	Claridge	SDI			
Base Bid	398,807	525,000	527,666			
Spec #: 101101	Included	Included	Included			
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included			
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included			
Acknowledgment of Addendum 1	Included	Included	Included			
Bid Good for 60 Days	60 Days	90 Days	Included			
Prevailing Wage	Included	Included	Included			
Prequalification per Bid Invite	N/A	N/A	N/A			
Attachment C Acknowledgement	N/A	N/A	N/A			
Visual Display Boards						
MFR - MooreCo, Claridge or Polyvision	Polyvision	Claridge	Per Specs			
Marker & Tack Boards	Included	Included	Included			
Mounting Details 12/A64.3	Included	Included	Included			
Bldg 1 - Classroom	Included	Included	Included			
Horizontal Sliding Unit Wall System by Claridge per 13/A64.3	Included	Included	Included			
(4) per Classroom & (3) in RSP Rm = (87) Total	53,650	Included	Included			
Markerboards 4x8 (164)	58,000	Included	Included			
Markerboards 4x5.5 (8)	Included	Included	Included			
Tackboards 4x8 (40)	Included	Included	Included			
Tackboards 4x6 (20)	Included	Included	Included			
Tackboards 4x5.5 (4)	Included	Included	Included			
Bldg 4 - Kindergarten	Included	Included	Included			
Horizontal Sliding Unit Wall System by Claridge per 13/A64.3	Included	Included	Included			
(3) per Classroom = (12) Total	17,400	Included	Included			
Markerboards 4x8 (12)	Included	Included	Included			
Markerboards 4x6 (4)	Included	Included	Included			
Tackboards 4x8 (10)	Included	Included	Included			
Tackboards 4x6 (6)	Included	Included	Included			
TOTALS	527,857	525,000	527,666	0	0	0
Recommendation:	Amount					
Claridge	525,000					

Bid Evaluation Report



Signage	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	A2Z Sign Co	CA Signs	Kendall Sign	A Good Sign	CA Signs - San Diego	John Pence Bldg Spec.
Base Bid	21,174	38,617	13,128	62,975	16,205	21,860
Spec #: 101400	Included	Included	Included	Included	Included	Included
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	Included
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	Included
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	Included
Bid Good for 60 Days	Included	Included	Included	Included	Included	Included
Prevailing Wage	Included	Included	Included	Included	Included	Included
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	N/A
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	N/A
Signage						
Signage at Each Bldg per Floor Plans and Elevations	Included	Included	Included	Included	Included	Included
Sign Schedule per Gen-3 Sheet & Specs	Included	Included	Included	Included	Included	Included
Room Signs	Included	Included	Included	Included	Included	Included
Exit Signs	Included	Included	Included	Included	Included	Included
Stair Signs at Classroom Bldg	Included	Included	Included	Included	Included	Included
Restroom Signs	Included	Included	Included	Included	Included	Included
Assistive Listening Signage	Included	Included	Included	Included	Included	Included
Occupancy Signs	Included	Included	Included	Included	Included	Included
ADA Signage	Included	Included	Included	Included	Included	Included
Bldg 3 - Ext. Aluminum Letters - 11/A64.4 (No Callouts on Elevations)	6,500	Included	6,500	6,500	6,500	6,500
Site Signage	Included	Included	Included	Included	Included	Included
Marquee Sign - 15/A64.4	12,330	12,330	12,330	Included	12,330	12,330
Install Daktronic Sign	5,600	5,600	5,600	Included	5,600	5,600
Electronic Sign	Included	Included	Included	Included	Included	Included
MFR - Daktronics Galaxy G6 Series 19.8 mm (6'-9" x 3'-8")	Included	Included	Included	Included	Included	Included
Electronic Message Board at MPR Bldg per 1/A2-21.1 & 17/A64.4	17,627	17,627	17,627	Included	17,627	17,627
Install Daktronic Sign	5,600	5,600	5,600	Included	5,600	5,600
TOTALS	68,831	79,774	60,785	69,475	63,862	69,517
Recommendation:	Amount					
Kendall Sign	60,785					

Bid Evaluation Report



Toilet Compartments & Accessories	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Inland Empire Arch	SDI	Russco	John Pence Bldg Spec.		
Base Bid	43,157	48,061	51,001	54,200		
Spec #: 102113.19, 102800	Included	Included	Included	Included		
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	30 Days	30 Days	30 Days	90 Days		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Toilet Compartments & Accessories						
MFR - Ampco, Metpar, PSI, Scranton or Bradley	Included	Included	Included	Included		
Urinal & Vestibule Screens	Included	Included	Included	Included		
Solid Plastic Compartments	Included	Included	Included	Included		
Accessories, Hand Dryers, Mirrors, Shower Curtain Rods, Clothes Hooks, Utility Shelves Shower Curtains Mop/Broom Holder	5,600	Included	5,600	5,600		
Bldg 1 - Classroom per A1-41.3 & A1-51.1 & 2	Included	Included	Included	Included		
Rms - 103, 105, 110, 111, 203, 205	Included	Included	Included	Included		
Rm - 113	Included	Included	Included	Included		
Janitors Closets - 104, 112, 204	Included	Included	Included	Included		
Bldg 2 - MPR per 2/A2-41.1 & A2-51.1	Included	Included	Included	Included		
Rm - 114	Included	Included	Included	Included		
Bldg 3 - Admin per A3-41.1 & A3-51.1	Included	Included	Included	Included		
Rms - 117, 118	Included	Included	Included	Included		
Rm - 115	Included	Included	Included	Included		
Bldg 4 - Kindergarten per A4-41.1 & 2 & A4-51.2	Included	Included	Included	Included		
Rms - 107, 108, 112, 113	Included	Included	Included	Included		
Sink Vestibules 106 & 111	Included	Included	Included	Included		
Janitors Closet - 114	Included	Included	Included	Included		
TOTALS	48,757	48,061	56,601	59,800	0	0
Recommendation:	Amount					
SDI	48,061					

Bid Evaluation Report



Food Service Equipment	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Kamran and Co.	Kitcar	RW Smith	East Bay	Boelter	Date Printed
						12/6/2016
Base Bid	349,000	373,116	389,400	396,000	353,000	
Spec #: 114000	Included	Included	Included	Included	Included	
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days	90 Days	Included	60 Days	30 Days	30 Days	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	N/A	N/A	N/A	N/A	N/A	
Attachment C Acknowledgement	N/A	N/A	N/A	N/A	N/A	
Food Service Equipment						
Equip Schedule per Specs & FS-201	Included	Included	Included	Included	Included	
Kitchen in MPR Bldg 2 - A2-41.1	Included	Included	Included	Included	Included	
Remote Refrigeration Rack on Roof - A2-11.2 & FS-502	Included	Included	Included	Included	Included	
Walk-In Freezer & Cooler - FS-503	Included	Included	Included	Included	Included	
Hood Details - FS-602 & 3	Included	Included	Included	Included	Included	
Substitutions Allowed per RFI 29	Included	Included	Included	Included	Included	
TOTALS	349,000	373,116	389,400	396,000	353,000	0
Recommendation:	Amount					
Kamran and Co.	349,000					

Bid Evaluation Report



Window Coverings	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
					Sheward & Son & Sons	Diversified Window
Base Bid	24,950	41,006				
Spec #: 122113	Included	Included				
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included				
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included				
Acknowledgment of Addendum 1	Included	Included				
Bid Good for 60 Days	90 Days	90 Days				
Prevailing Wage	Included	Included				
Prequalification per Bid Invite	N/A	N/A				
Attachment C Acknowledgement	N/A	N/A				
Window Coverings	Included	Included				
MFR - Levelor, HD, Spring	Included	Included				
Bldg 3 - Admin	Included	Included				
All Windows Interior and Exterior per Note 134/A3-11.1	Included	Included				
Bldg 4 - Kindergarten	Included	Included				
Windows per Floor Plan on A4-11.1, Note 134	Included	Included				
TOTALS	24,950	41,006	0	0	0	0
Recommendation:	Amount					
Sheward & Son & Sons	24,950					

Bid Evaluation Report



Elevators		Elm Street Elementary School Reconstruction			Job Number	Elm
		Subcontractors			Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Otis					
Base Bid	135,000					
Spec #: 142010-AD1	Included					
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included					
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included					
Acknowledgment of Addendum 1	Included					
Bid Good for 60 Days	30 Days					
Prevailing Wage	Included					
Prequalification per Bid Invite	N/A					
Attachment C Acknowledgement	N/A					
Elevators						
Deferred Approval	Included					
MFR - ThyssenKrupp, Otis or Schindler	Included					
Hydraulic Elevator	Included					
Bldg 1 - Classroom	Included					
Elevator No. 1: 3500#, 100ft/min, 2 Stops, 2 Openings per AD1 Specs	8,500					
Standard Interior Finishes per 2/Gen-6	Included					
Make Connection Between Fire Alarm Relay and Elevator Controller	Included					
Elevator Hostway Scaffolding	Included					
Hoisting	Included					
TOTALS	143,500	0	0	0	0	0
Recommendation:	Amount					
Otis	143,500					

Bid Evaluation Report



Fire Sprinklers	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Data Printed	12/6/2016
	Apex Fire Protection	Superior Fire				
Base Bid	501,200	268,790				
Spec #: 212000	Included	Included				
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included				
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included				
Acknowledgment of Addendum 1	Included	Included				
Bid Good for 60 Days	60 Days	Included				
Prevailing Wage	Included	Included				
Prequalification per Bid Invite	Yes	Yes				
Attachment C Acknowledgement	N/A	N/A				
Fire Sprinklers						
MFR - Tyco	Included	Included				
Standard Upright, Pendant, Sidewall Sprinklers	Included	Included				
Bldg 1 - Classroom - FP02 & 3	Included	Included				
Bldg 2 - MPR - FP04	Included	Included				
Bldg 3 - Admin - FP05	Included	Included				
Bldg 4 - Kinder - FP06	Included	Included				
4" Fire Riser at Each Bldg - 1/FP07	Included	Included				
POC 5' Outside of Bldg	Included	Included				
Upright Sprinkler Defectors as Shown	Included	Included				
Brass or White Finish	Included	Included				
Heads to be Centered in ACT Panels	Included	Included				
Furnish & Install Sleeves	Included	Included				
All Seismic Bracing, Hangers, Embeds as Required	Included	Included				
Hydrostatic Testing at 200 PSI for (2) Hours	Included	Included				
All Gauges, Valves, Flow and Tamper Switches	Included	Included				
Sound and Vibration Control	Included	Included				
All Bracing and Hangers - FP07	Included	Included				
Firestopping & Sealants as Required at Penetrations	Included	Included				
BIM Requirements	18,700	15,000				
TOTALS	519,900	283,790	0	0	0	0
Recommendation:	Amount					
Superior Fire	283,790					

Bid Evaluation Report



Site Utilities	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Ground Breakers	Toro Ent.	J. Vega Eng.	Burns Pacific Const.		
Base Bid	671,450	513,546	456,457	526,000		
Spec #: 331000, 333000, 334000	Included	Included	Included	Included		
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included	Included		
Bid Good for 60 Days	Included	60 Days	Included	Included		
Prevailing Wage	Included	Included	Included	Included		
Prequalification per Bid Invite	N/A	N/A	N/A	N/A		
Attachment C Acknowledgement	N/A	N/A	N/A	N/A		
Site Utilities	Included	Included	Included	Included		
Utility Location (C Below)	2,450	2,450	2,450	2,450		
Cutting and Capping of Existing Utilities	Included	Included	Included	Included		
Layout and Trenching	Included	Included	Included	Included		
Sawcutting for New Utilities	3,584	3,584	3,584	Included		
Traffic Control	Included	Included	Included	Included		
Traffic Rated Trench Plates	Included	Included	Included	Included		
Temp Asphalt Patching	2,048	2,048	2,048	Included		
Excavation Spoils Stockpile	Included	Included	Included	Included		
Pressure Test and Flush System	Included	Included	Included	Included		
Sewer	Included	Included	Included	Included		
6" SDR 35 PVC Sewer Line	Included	Included	Included	Included		
Cleanouts (8)	Included	Included	Included	Included		
All Piping and Connections to Main line (2)	3,000	3,000	3,000	2,600		
Storm Drain	Included	Included	Included	Included		
6", 8", 12" & 18" HDPE Storm Drain Pipe	Included	Included	Included	Included		
18"x18" Prefabricated Catch Basins - 10/C02 (3)	Included	Included	Included	Included		
18"x18" Prefabricated Catch Basin at Biofiltration - 11/C02 (3)	Included	Included	Included	Included		
24"x24" Prefabricated Catch Basin at Biofiltration - 11/C02 (1)	Included	Included	Included	Included		
Storm Drain Manhole per Riverside County Flood Control, STD, MH251 (C4.4)	Included	Included	Included	Included		
Contech Detention System at Parking Lot per C10 - C13	Included	Included	Included	Included		

Bid Evaluation Report



Site Utilities	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
					Date Printed	12/6/2016
Description	Subcontractors					
	Ground Breakers	Toro Ent.	J. Vega Eng.	Burns Pacific Const.		
(2) Catch Basins Under Each Playground Rubber Surface and Tied Into SD System per 7/A63.5 & (RFI 47)	3,500	3,500	3,500	Included		
Roof Drain Connections (15)	9,000	9,000	Included	8,245		
Street Work (Sewer and Storm Trench Repairs Only)	See Allowances	See Allowances	See Allowances	See Allowances		
Base Pave Trenches	See Allowances	See Allowances	See Allowances	See Allowances		
Trench Repair	See Allowances	See Allowances	See Allowances	See Allowances		
Grind Existing	See Allowances	See Allowances	See Allowances	See Allowances		
Overlay with 1-1/2" Asphalt	See Allowances	See Allowances	See Allowances	See Allowances		
Lane Closure/Traffic Control	See Allowances	See Allowances	See Allowances	See Allowances		
Fire Water per C-08 (RFI 4)	Included	Included	Included	Included		
6" & 8" Class 150 C900 PVC Water Line	Included	Included	Included	Included		
Thrust Blocks - 320/C04	Included	Included	Included	Included		
Fire Hydrants per 300/C04 (3)	Included	Included	Included	Included		
8" Double Check Detector Backflow - 311/C04	Included	Included	Included	Included		
Post Indicator Valves (3)	Included	Included	Included	Included		
FDC (3)	Included	Included	Included	Included		
Fire Hydrant Bollards/Footings - 301/C04 (12)	In Site Conc	In Site Conc	In Site Conc	In Site Conc		
Fire Sprinkler Connections - 5' Outside Bldg	3,000	3,000	3,000	2,600		
Domestic Water and Irrigation	Included	Included	Included	Included		
6" Class 150 C900 Water Line	Included	Included	Included	Included		
6" Meter and Backflow - 310/C04 (2)	Included	Included	Included	Included		
Connect to Existing Water Line	Included	Included	Included	Included		
Gas	Included	40,000	Included	Included		
Gas Lines per Plumbing P005	Included	Included	Included	Included		
Performance Contingency	N/A	N/A	45,000	N/A		
TOTALS	698,032	580,128	519,039	541,895	0	0
Recommendation:	Amount					
J. Vega Eng.	519,039					

Bid Evaluation Report



Plumbing	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Smith Elec.	HL Moe Co.	Suttles Plumbing	City Commercial	Date Printed	12/6/2016
					Precision Plumbing	
Base Bid	744,973	879,641	780,000	722,000	706,474	
Spec #: 220500, 220513, 220553, 220700, 221000	Included	Included	Included	Included	Included	
Spec #:						
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days	Included	Included	Included	Included	15 Days	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	Yes	Yes	Yes	Yes	Yes	
Attachment C Acknowledgement	Included	Included	Included	Included	Included	
Plumbing	Included	Included	Included	Included	Included	
Temporary Water Service & Distribution	7,500	7,500	7,500	7,500	7,500	
All Related Trenching / Backfill	Included	Included	Included	Included	Included	
Sewer and Storm Stub Out to 5' - P002	Included	Included	Included	Included	Included	
Site Gas Riser Plans - P005	Included	Included	Included	Included	Included	
Plumbing Fixtures per Sch on P004	Included	Included	Included	Included	Included	
Water Heaters - WH1-4 per 1/P503	Included	Included	Included	Included	Included	
Floor Mounted WC per RFI 44	Included	Included	Included	Included	Included	
Custodial Sinks - 4/P502	Included	Included	Included	Included	Included	
Grease Interceptor - 1200 GA at MPR Bldg 2 - 8/P502 & 2/P503	Included	Included	Included	Included	Included	
Domestic Water	Included	Included	Included	Included	Included	
Sanitary Sewer	Included	Included	Included	Included	Included	
Storm Drain	Included	Included	Included	Included	Included	
Gas Piping (Shown at MPR per P2-2.1 & Admin per P3-2.2) **Missing Plan/Risers at Classroom Bldg** (RFI 45 - Not Answered With Correct Info)	See Allowances	See Allowances	See Allowances	See Allowances	See Allowances	
HW / CW Piping	Included	Included	Included	Included	Included	
2, 3, 4" Sewer & Vent Piping	Included	Included	Included	Included	Included	
Storm Drain Piping	Included	Included	Included	Included	Included	
Roof / Overflow Drain Piping - Bldg 2 MPR & Bldg. 3 Admin - P2-1.3 & P3-1.3	Included	Included	Included	Included	Included	
1.5, 2" VTR Piping at Bldg 1 Classroom & Bldg 4 Kindergarten	Included	Included	Included	Included	Included	
3/4" Condensate Drain Piping	Included	Included	Included	Included	Included	
Connect Sewer, DW, FW & Storm Drain Service	Included	Included	Included	Included	Included	
POC to 5' Outside of Bldg.	Included	Included	Included	Included	Included	

Bid Evaluation Report



Plumbing	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Smith Elec.	HL Moe Co.	Suttles Plumbing	City Commercial	Date Printed	12/6/2016
Piping Insulation	Included	Included	Included	Included	Precision Plumbing	
Supports / Anchors / Seismic Bracing	Included	Included	Included	Included	Included	
Access Panels - Furnish Only	Included	Included	Included	Included	Included	
Sheet Metal Flashings for all Plumbing Penetrations	Included	Included	Included	Included	Included	
Furnish and Install all Metal Sleeves	Included	Included	Included	Included	Included	
Flashings at Roof Penetrations	Included	Included	Included	Included	Included	
Earthquake Shut-Off Valves	Included	Included	Included	Included	Included	
All Related Caulking / Sealants	Included	Included	Included	Included	Included	
Fire Caulking / Sleeves / Fire Stopping	Included	Included	Included	Included	Included	
Coring, as Required	Included	Included	Included	Included	Included	
Equipment / Lifts / Hoisting	Included	Included	Included	Included	Included	
Flush / Chlorinate / Disinfect Domestic Water	Included	Included	Included	Included	Included	
Ansul Gas valve	Included	Included	Included	Included	2,500	Included
BIM Requirements	15,000	15,000	15,000	15,000	15,000	
TOTALS	767,473	902,141	802,500	747,000	728,974	0
Recommendation:	Amount					
Precision Plumbing	728,974					

Bid Evaluation Report



HVAC	Elm Street Elementary School Reconstruction				Job Number	Elm
					Bid Date	12/7/2016
Description	Subcontractors				Date Printed	12/6/2016
	Smith Elec.	Acco Eng.	United Mech.	Sheldon Mech.	Climate Control	
Base Bid	1,258,955	1,391,229	1,384,230	1,211,000	2,104,673	
Spec #: 230500, 230513, 230548, 230553, 230700, 230800, 230813, 230923, 233000, 233319, 233813	Included	Included	Included	Included	Included	
Spec #: 238000	Included	Included	Included	Included	Included	
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included	Included	Included	
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included	Included	Included	
Acknowledgment of Addendum 1	Included	Included	Included	Included	Included	
Bid Good for 60 Days		Included	30 Days	90 Days	Included	
Prevailing Wage	Included	Included	Included	Included	Included	
Prequalification per Bid Invite	Yes	Yes	No	Yes	No	
Attachment C Acknowledgement	Included	Included	Included	Included	Included	
HVAC	Included	Included	Included	Included	Included	
Equipment	Included	Included	Included	Included	Included	
VAV - Anemostat	Included	Included	Included	Included	Included	
Fan Coil Units - Trane	Included	Included	Included	Included	Included	
Condensate Drain Piping - 1/M505	Included	Included	Included	Included	Included	
VRF Diagrams M010 - M014	Included	Included	Included	Included	Included	
Exhaust Fans - Greenheck	Included	Included	Included	Included	Included	
Makeup Air - Greenheck	Included	Included	Included	Included	Included	
Air Handling Unit - Trane	Included	Included	Included	Included	Included	
Split AC Units - Trane	Included	Included	Included	Included	Included	
Supply Fans - Anemostat	Included	Included	Included	Included	Included	
Sound Traps - IAC Acoustic	Included	Included	Included	Included	Included	
Factory Curbs/ Install	Included	Included	Included	Included	Included	
Buildings	Included	Included	Included	Included	Included	
Enviro Controls and EMS (DDC)	Included	Included	Included	Included	Included	
MFR - Alerton, Auto Logic, Honeywell, Johnson, TAC, Trane, Carrier	Included	Included	Included	Included	Included	
Bldg 1 - Classroom	Included	Included	Included	Included	Included	
6" Conc Pads for Equip - 16/S301	Included	Included	Included	Included	Included	
Bldg 2 - MPR	Included	Included	Included	Included	Included	
3 Makeup Air Units on Roof with Curbs	Included	Included	Included	Included	Included	
Kitchen Exhaust Ducting and Fans - M504 (Hood by Food Service Contractor)	Included	Included	Included	Included	Included	
Bldg 3 - Admin	Included	Included	Included	Included	Included	
2 Roof Units with Factory Curbs	Included	Included	Included	Included	Included	

Bid Evaluation Report



HVAC	Elm Street Elementary School Reconstruction				Job Number	Elm
	Subcontractors				Bid Date	12/7/2016
Description	Smith Elec.	Acco Eng.	United Mech.	Sheldon Mech.	Date Printed	12/6/2016
					Climate Control	
All Duct Supports, Seismic Restraints and Bracing	Included	Included	Included	Included	Included	
Spring Isolation Hangers	Included	Included	Included	Included	Included	
Hydronic / Refrigerant Piping	Included	Included	Included	Included	Included	
Metal Ducts / Duct Work	Included	Included	Included	Included	Included	
Duct Liner	Included	Included	Included	Included	Included	
Supply & Return Air Plenums	Included	Included	Included	Included	Included	
Registers / Grilles / Diffusers	Included	Included	Included	Included	Included	
Wall Louvers	Included	Included	Included	Included	Included	
Duct Insulation	Included	Included	Included	Included	Included	
Fire / Smoke Dampers	Included	Included	Included	Included	Included	
HVAC Mounting - Mason Ind Type MC w/ Spring Mounts	Included	Included	Included	Included	Included	
Mechanical Identification	Included	Included	Included	Included	Included	
Supports / Anchors / Seismic Bracing	Included	Included	Included	Included	Included	
Flashings / Roof Jacks at Roof Penetrations	Included	Included	Included	Included	Included	
Fire Caulking / Sleeves / Firestopping	Included	Included	Included	Included	Included	
Equipment / Lifts / Hoisting	Included	Included	Included	Included	Included	
BIM Requirements	15,000	15,000	15,000	15,000	15,000	
TOTALS	1,273,955	1,406,229	1,399,230	1,226,000	2,119,673	0
Recommendation:	Amount					
Sheldon Mech.	1,226,000					

Bid Evaluation Report



Electrical / Low Voltage	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Description	Subcontractors			Date Printed	12/6/2016
	Venco Elec.	Taft Elec.	Oilfield Elec.		
Base Bid	2,440,000	2,385,000	2,440,275		
Spec #: 260500, 260513, 260519, 260526, 260533, 260800, 260923, 261000, 262200, 262413, 262416, 265000, 265200, 265561	Included	Included	Included		
Spec #: 270536, 275116, 275123.50, 281600, 282300, 283100	Included	Included	Included		
Furnished, Installed, FOB Jobsite, Tax Included	Included	Included	Included		
Plans and Specs Dated: 8/1/2016 & 4/22/2016	Included	Included	Included		
Acknowledgment of Addendum 1	Included	Included	Included		
Bid Good for 60 Days	30 Days	30 days	30 Days		
Prevailing Wage	Included	Included	Included		
Prequalification per Bid Invite	Yes	Yes	Yes		
Attachment C Acknowledgement	Included	Included	Included		
Electrical	Included	Included	Included		
Temporary Power - Install, Maintain, Relocate for Construction Offices	Included	Included	Included		
Temporary Power - Install, Maintain, Relocate for Building Areas & Site	Included	Included	Included		
Temp Power Boxes and Cords	10,659	10,659	10,659		
Temporary Lighting	5,330	5,330	5,330		
Site	Included	Included	Included		
2" & 4" Conduits for Site Utilities - E1.1	Included	Included	Included		
Conduit Runs as Shown Site Plan - E1.2	Included	Included	Included		
Encase All Underground Conduits in Concrete per Note 6 on E0.1	Included	Included	Included		
Pour Back of Utility Trenches	Included	Included	Included		
Signal, Fire and Power Pull Boxes - 1/E7.7	Included	Included	Included		
Site Lighting Plan - E1.3	Included	Included	Included		
Site Lighting Fixtures, per Schedule	Included	Included	Included		
Site Signal, CCTV, FA Speakers - E1.6	Included	Included	Included		
U/G Power Distribution for Site Power	Included	Included	Included		
Electrical Vaults / Pull Boxes, as required	Included	Included	Included		
Traffic Rated Covers / Frames, as required	Included	Included	Included		
U/G Power Distribution for Site Lighting	Included	Included	Included		
Buildings 1-4	Included	Included	Included		
Lighting Fixtures per Schedule on E0.5	Included	Included	Included		
Mechanical Schedule - E0.6	Included	Included	Included		

Bid Evaluation Report



Electrical / Low Voltage	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	Venco Elec.	Taft Elec.	Oilfield Elec.	Date Printed	12/6/2016
Cable Schedule - E0.4	Included	Included	Included		
Main Switchboard, 1200A, 277/480V, 3PH, 4W	Included	Included	Included		
Distribution Panelboards	Included	Included	Included		
Panel Boards	Included	Included	Included		
Power Distribution	Included	Included	Included		
Conduits & Raceways	Included	Included	Included		
Terminal Cabinets & Racks	Included	Included	Included		
Cable Trays & Supports	Included	Included	Included		
Wiring / Conductors	Included	Included	Included		
Floor boxes	Included	Included	Included		
Outlet & Junction Boxes, Pull Boxes	Included	Included	Included		
Connections to Existing Generator	Included	Included	Included		
Lighting Control Panel / System	Included	Included	Included		
Emergency Lighting / Exit Signs	Included	Included	Included		
Power to Mechanical & Plumbing Equipment	Included	Included	Included		
Bldg 1 - Classroom	Included	Included	Included		
All Conduit for Thermostats, Exhaust Fans, Security/Motion, MEP Trades as Required	Included	Included	Included		
Elec & Comm Rooms 114 & 115 - E1-3.1	Included	Included	Included		
Bldg 2 - MPR	Included	Included	Included		
All Conduit for Thermostats, Exhaust Fans, Security/Motion, MEP Trades as Required	Included	Included	Included		
Connections for all Kitchen Equipment	Included	Included	Included		
Conduit for Theatrical Lighting	Included	Included	Included		
Elec Room 102 - E2-4.1	Included	Included	Included		
Bldg 3 - Admin	Included	Included	Included		
All Conduit for Thermostats, Exhaust Fans, Security/Motion, MEP Trades as Required	Included	Included	Included		
Power for VAV & Rooftop Equipment	Included	Included	Included		
Elec Rooms 116 & 123 - E3-3.1	Included	Included	Included		
Bldg 4 - Kindergarten	Included	Included	Included		
All Conduit for Thermostats, Exhaust Fans, Security/Motion, MEP Trades as Required	Included	Included	Included		
Elec & Comm Rooms 115 & 116 - E4-3.1	Included	Included	Included		
Single Line Diagram - E4.0	Included	Included	Included		
Mounting & Anchoring Details - E7.1 & 7.2	Included	Included	Included		
Pendent Mounted Fixtures - 4/E7.3	Included	Included	Included		
Light Pole Footings - 5&6/E7.3	In Site Conc	In Site Conc	In Site Conc		
Theatrical Lighting and Stage Dimming Equip	Included	Included	Included		
MFR - Electronic Theatre Controls (ETC)	Included	Included	Included		

Bid Evaluation Report



Electrical / Low Voltage	Elm Street Elementary School Reconstruction			Job Number	Elm
				Bid Date	12/7/2016
Description	Subcontractors			Date Printed	12/6/2016
	Venco Elec.	Taft Elec.	Oilfield Elec.		
Bldg 2 - MPR (TL2.1.1 & 2)	Included	Included	Included		
Dimmer Racks and Controls	Included	Included	Included		
Stage Lighting Control System	Included	Included	Included		
Lighting Track & Fixtures - 10/TL8.1.1	Included	Included	Included		
Panels & Receptacles	Included	Included	Included		
Miscellaneous	Included	Included	Included		
Plywood Backboards	In Rough Framing	In Rough Framing	In Rough Framing		
Flashings at Penetrations	Included	Included	Included		
Caulking / Sealants	Included	Included	Included		
Sleeves / Fire Caulking / Firestopping - 1/E0.7	Included	Included	Included		
BIM Requirements	15,000	15,000	15,000		
Low Voltage Systems	Included	Included	Included		
Computer Network Cabling	Included	Included	Included		
Communications Cabinets, Racks, Frames and Enclosures - E7.10	Included	Included	Included		
Communications Cabling	Included	Included	Included		
Devices, Equipment, Conduit & Conductors	Included	Included	Included		
Public Address/Clock System	Included	Included	Included		
MFR - Atlas Sound Wall Speaker/Clock Combo	Included	Included	Included		
Alt by Valcorn	Included	Included	Included		
Assistive Listening System	Included	Included	Included		
MFR - Listen Technologies	Included	Included	Included		
FM Transmitters - LT-700 LT-800	Included	Included	Included		
Receiver - LR-100 & LR-400	Included	Included	Included		
(1) 8-Hour Training Session	Included	Included	Included		
Intrusion Alarm System	26,080	Included	26,080		
Contractor to Have C7 and C10 License	In Above	Included	In Above		
MFR - Digital Monitoring Products (DMP)	In Above	Included	In Above		
Complete System - Devices, Equipment, Conduit, Cameras & Installation	In Above	Included	In Above		
Video Surveillance (CCTV) System	72,395	Included	72,395		
Complete System - Devices, Equipment, Conduit, Cameras & Installation	In Above	Included	In Above		
MFRs - Per Specs	In Above	Included	In Above		
Fire Detection Alarm	88,292	Included	Included		
Fire Alarm System	In Above	Included	Included		
MFR - Notifier, Simens, Simplex, Johnson or Gamewill-FCI	In Above	Included	Included		
Complete Addressable Fire Alarm System	In Above	Included	Included		

Bid Evaluation Report



Electrical / Low Voltage	Elm Street Elementary School Reconstruction			Job Number	Elm
	Subcontractors			Bid Date	12/7/2016
Description	Venco Elec.	Taft Elec.	Oilfield Elec.	Date Printed	12/6/2016
FACP, Annunciator, Devices, Equipment & Conductors	In Above	Included	Included		
Fire Alarm Details - E7.8 & 7.9	In Above	Included	Included		
Elevator System - E0.4	In Above	Included	Included		
Horns, Strobes, Pull Stations, Detectors	In Above	Included	Included		
Conduit & Back Boxes	In Above	Included	Included		
Submittals / Shop Drawings / As-Built	In Above	Included	Included		
TOTALS	2,657,756	2,415,989	2,569,739	0	0
Recommendation:	Amount				
Taft Elec.	2,415,989				

Bid Evaluation Report



Building Specialties		Elm Street Elementary School Reconstruction	Job Number	Elm
			Bid Date	12/7/2016
			Date Printed	12/6/2016
Div	Description	Amount	Recommended Subcontractor	Bids Received
104400	Fire Extinguishers & Specialties FEC at Elec Yard - Surface Mount per 16/A64.4 (1) Bldg 1 - FEC 1/A64.4 (22) Bldg 2 - FEC 1/A64.4 (3) Bldg 3 - FEC 1/A64.4 (3) Bldg 4 - FEC 1/A64.4 (2)	6,150	Glendon Co.	5
105100	Lockers MFR - Art Metal, Penco, Republic Locker Alcove 2-113 2-Tier Lockers per 6&7/A64.4	1,650	John Pence	3
107500	Flagpoles Flag Pole 35' per 8/A64.4 (1) Set Pole Footing per Site Concrete	4,293	Pole Tech	2
114800	Physical Education Equipment MFR - Jaypro, Cassidy, Draper Volleyball Sleeves, Standards, Net, Antenna Ref Stand and Pad	5,150	Bernards	
124813	Entrance Floor Mats MFR - AFP, RC Musson, Pawling Rubber Mat 1/4" Thick, 48x72	N/A	N/A	
126823	Folding Cafeteria Tables	OFOI	OFOI	
N/A	Misc Site Furnishings Benches at Site per S32/A0-1.1 (18) Rubber Play Surface at Playgrounds - Kindergarten & Playground - 7/A63.5 Relocate Existing Playground Equipment and Reinstall at New Areas - S39/A0-1.1 New Conc Footings (TBD) Basketball Pole & Basket - 7/A63.6 (6) Coat Hooks - 14/A64.4 Dull Chrome - Single MFR - McMaster-Carr 1760A2 Wall-Mount Hook, Chrome-Plated Brass, 1-1/4" Wide x 1-1/2" High x 1-5/8" Deep Bldg 1 = 544 Bldg 4 = 60	128,099	Bernards	
N/A	Misc Equipment (TV's) TV's in Classrooms MFR - Sharp 50" & 60" LE650U Wall Mount - Chief TS318TU Ceiling Mount - Chief MCM1U Bldg 1 - Classroom 60" TV's in Classroom Bldg per 9/A64.4 (62) TV Mounts (62) Bldg 4 - Kindergarten 50" TV's in Classroom Bldg per 11/A64.3 (4) TV Mounts (4)	121,300	Bernards	
N/A	Final Cleanup Exterior Interior	68,534	Bernards	
Total		335,176	Bids Received	10

Regular Board Meeting
August 2, 2017

The Board of Trustees of the Oxnard School District met in regular session at 5:00 p.m. on Wednesday, August 2, 2017, at the Educational Service Center. CALL TO ORDER

A roll call of the Board was conducted. Present were Presiding President Ernest “Mo” Morrison and Trustees, Veronica Robles-Solis and Debra M. Cordes. Staff members absent Denis O’Leary and Monica Madrigal Lopez. Staff members present were District Superintendent Dr. Cesar Morales, Deputy Superintendent Janet Penanhoat and Assistant Superintendents Robin Freeman and Dr. Jesus Vaca, and Executive Assistant Rose Chaparro. ROLL CALL

Santiago Guerrero Garcia, 3rd grader at Curren School, in Mrs. Kristina Beers-Cabrera’s class, led the audience in the Pledge of Allegiance. PLEDGE OF ALLEGIANCE

Heaven Bustos, 4th grader at Ritchen School, in Mr. Manuel Hernandez’s class read the District’s Vision and Mission Statements in English and Giovanni Espinosa, 4th grader at Driffill School, in Mr. Ron Heaton’s class read them in Spanish. DISTRICT’S VISION AND MISSION STATEMENTS

Ms. Ginger Shea, Manager of Special Programs, gave a presentation of After School Program. Scholars Program updated.

A.4 On motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0, Trustee O’Leary and Madrigal Lopez being absent; the Board adopted the agenda, as presented. ADOPTION OF THE AGENDA

Before acting on the Consent Agenda, upon request from Dr. Cesar Morales; on motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0, Trustee O’Leary and Madrigal Lopez being absent; the Board took out termination # 4671 from the personnel actions.

A.5 Valerie Mitchell provided a complete update on IT department that included an overview of the IT department, review of 2016-17 projects, highlights of 2017-18 projects and the next steps for the Ed Tech and 1:1 Device Program and thanked her team for their hard and fruitful work. STUDY SESSION INFORMATION TECHNOLOGY SERVICES UPDATE

ANNOUNCEMENTS PRIOR TO CLOSED SESSION August 2, 2017:

After any public comments on the Closed Session agenda items, the Board will be recessing to Closed Session to consider the items below:

No one addressed the Board of Trustees during closed session public comment. PUBLIC COMMENT CLOSED SESSION

Firstly, for CONFERENCE WITH LEGAL COUNSEL under *Government Code*, Section 54956.9:

- ANTICIPATED LITIGATION – Two (2) cases
- EXISTING LITIGATION – Six (6) cases

-Office of Administration Services Case No. OAH 2016091095, OAH 2017020549, OAH 2016100069, OAH 2017070126, OAH 2017020576 and OAH 2016091112

Secondly, for CONSIDERATION OF STUDENT MATTERS, under Education Code 48916:

Consider the Request to Readmit Expelled Students:

- Case No. 16-12 (Action Item)
- Case No. 16-13 (Action Item)

Thirdly, for CONFERENCE WITH LABOR NEGOTIATORS under *Government Code*, Sections 54957.6 and 3549.1.

The District negotiator is the OSD Assistant Superintendent, Human Resources & Support Services, and Garcia Hernandez & Sawhney, LLP and the employee organizations are OEA, OSSA, CSEA; and all unrepresented personnel – administrators, classified management, confidential.

Fourthly, for CONFERENCE WITH REAL PROPERTY NEGOTIATORS under Government Code, Section 54956.8:

- Property: Parcel located on Teal Club Road, North of Teal Club Road, South of Doris Avenue; Agency Negotiators: Superintendent/Interim Assistant Superintendent, Business & Fiscal Services/Garcia Hernandez & Sawhney, LLP/Caldwell Flores Winters, Inc. Negotiating parties: Dennis Hardgrave on behalf of property owners.

Finally, under *Government Code*, Section 54957 and *Education Code*, Section 44943:

- PUBLIC EMPLOYEE(S) DISCIPLINE/DISMISSAL/RELEASE
- PUBLIC EMPLOYEE(S) APPOINTMENT
 - Manager, Special Education

Trustees convened to closed session at 6:01 p.m. until approximately 7:04 p.m. to discuss items on the closed session agenda.

CLOSED SESSION

President Morrison reported the Board would be returning to closed session after the regular board meeting to complete the closed session agenda.

REPORT ON CLOSED SESSION

President Morrison reported the Board took the following action during closed session:

- On motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0 approving settle agreements in the following OAH cases: 2016100069; 2017020549; 2016091112; 2016091085; 2017070126, 2017020576. (Motion #17-01)
- On motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0 to appoint Katrina Madden to the position of Special Education Manager. (Motion #17-02)

President Morrison also reported the Board deliberated on students matters in closed session and would take action in open session actions:

- On motion by Trustee Cordes, seconded by Trustee Robles-Solis and carried on a roll call vote of 3-0; on the matter of Case #16-12 the Board of Trustees approved administrations recommendation. (Motion# 17-03)
- On motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0, on the matter of Case #16-13 the Board of Trustees approved administrations recommendation. (Motion# 17-04)

B.1 Clerk Cordes read the Rules for Individual Presentations in English and in Spanish. RULES FOR PRESENTATIONS

Dr. Vaca informed there were no requests to address the Board. PUBLIC COMMENT

The following items on the consent agenda were approved on motion by Trustee Cordes, seconded by Trustee Robles-Solis, and carried on a roll call vote of 3-0, as presented. CONSENT AGENDA (Motion #17-05)

C.1 Accepted the following gifts: (Acceptance of Gifts)

- From Harbor Freight Tools, a donation of \$6,927.00, for material and labor, to install garden boxes at Cesar Chavez School.
- From FLIR System, Inc., a donation of \$2,000.00, to purchase materials, books, and/or instructional services needed at Thurgood Marshall School
- From Ojai Valley Organics, a donation of plant containers estimated value of over \$300.00, for Juan Lagunas Soria School.
- From Ms. Marlyce Nesson, a donation of \$50.00, to purchase treats and water for promotion ceremony expenses at San Miguel Preschool.

C.2 Approved the following agreements: (Approval of Agreements)
Academic:

- #17-52 Ventura County Office of Education, to provide professional development to staff in the Oxnard School District to support the implementation of the CCSS and the California ELA Standards during the 2017-18 school year; amount not to exceed \$22,475.20; to be paid with Title I Funds.
- #17-65 Oxnard Performing Arts & Convention Center, agreement for the 8th Grade Promotion Ceremonies for Frank, Fremont and Haydock Academies to be held at the PACC on Wednesday, June 13, 2018; amount not to exceed \$3,134.00, to be paid with Unrestricted General Fund.
- #17-66 Ventura County Office of Education, to provide professional development to teachers in the Oxnard School District, in the area of Integrated ELD for mathematics, Integrated ELD Science and History-Social Science (HSS) during the 2017-18 school year; amount not to exceed \$32,600.00, to be paid with Title I Funds.
- #17-67 WestEd, to provide 3 days of Professional Development on the Next Generation Science Standards for Oxnard School District teachers on August 7-9, 2017; amount not to exceed 22,906.00, to be paid with Title II Funds.
- #17-80 Ellevation Education to provide professional development to teachers in the Oxnard School District for the 2017-18 school year on the use and

deployment of their Ellevation software; amount not to exceed \$18,000.00, to be paid with General Funds.

Enrichment:

- #17-63 Cecilia Arredondo to provide singing curriculum based songs, grade-level musical concepts (K-5), hands-on playing of musical instruments for the students, handouts, and instruments for students in the Oxnard School District during period of August 16, 2017 through June 30, 2018; amount not to exceed \$11,200.00, to be paid with General Funds.

Support Services:

- #17-64 Generation Ready Inc., to provide high quality professional development services to address increased cultural competence, with a goal of shifting mindsets and increasing expectations of all district staff. Generation Ready Inc. will facilitate and provide workshops to district and school staff at the Oxnard School District during the period of August 1, 2017 through June 30, 2018; amount not to exceed \$35,000.00 to be paid with General Funds not targeted
- #17-68 Restorative Justice Resource Center will provide training to Administrative Staff and Teachers in the Oxnard School District during the 2017-18 school year; amount not to exceed \$33,750.00, to be paid with Title II funds.
- #17-74 Lesson One to provide two weeks of training to Oxnard School District staff members, the Principal, and coach at McKinna School, who have not been previously trained, during the period of August 3, 2017 through June 30, 2018; amount not to exceed \$15,000.00, to be paid with Title I Funds;
- #17-75 Santa Barbara/Ventura Counties Dental Care Foundation will provide services stipulated in the MOU agreement at no cost to the families of the Oxnard School District, during the period of August 3, 2017 through June 30, 2018. No fiscal impact to the Oxnard School District.
- #17-78 Child Development Resources of Ventura County, Inc. (CDR) will supply breakfast and lunches to the CDR Head Start Program preschool students at Sierra Linda School during the 2017-18 school year. No fiscal impact to the Oxnard School District.
- #17-79 El Centrito will supply breakfast and lunches to the students in their preschool programs; meals to be prepared in the kitchens at Haydock and Ramona Schools, during one calendar year commencing on August 2, 2017. No fiscal impact to the Oxnard School District.
- #17-84 Oxnard Performing Arts & Convention Center (PACC) for the 2017 SIP Day Orientation which will be held at the PACC Theater on Monday, August 14, 2017, amount not to exceed \$1,500.00, to be paid with Unrestricted General Funds.

C.3 Ratified the following agreements:
Academic:

(Ratification of
Agreements)

- #17-50 Renaissance Learning to provide professional development services by following a two-round coaching cycle with the content following focuses and corresponding learning outcomes and will also offer individual onsite support to ensure teachers are implementing Star 360 and AR 360 with fidelity during the 2017-18 school year; amount not to exceed \$62,000.00, to be paid with Unrestricted General Funds;
- #17-61 Ocean View School District to provide Early Learning and Family Strengthening services to families with prenatal to 5 year olds living in the Ocean View School District. OSD employees will be deployed to OVSD locations during July 1, 2017 through June 30, 2018; amount not to exceed \$79,424.00, will be reimbursed to OSD from Ocean View School District;
- #17-69 El Centrito Family Learning Centers – Mis Padres y Yo to provide workshops on child development and nurturing support for parents of infants to 3 year olds during the 2017-18 school year; amount not to exceed \$35,000.00, to be paid out of First 5/Oxnard NfL funds.
- #17-70 El Centrito Family Learning Centers to provide young children with Head Start services at Ramona NfL Preschool during July 1, 2017 through June 30, 2018; at no cost to the Oxnard School District. Custodial services to be paid by First 5/Oxnard NfL Funds.
- #17-72 Community Action Partnership of San Luis Obispo County Inc. Buenaventura Migrant & Seasonal Head Start Program at Harrington School during July 1, 2017 through June 30, 2018; no fiscal impact to the Oxnard School District.
- #17-76 California Department of Education – Child Development Division Contract to provide services in accordance with Funding Terms and Conditions of the California State Preschool contract #CSPP-7667. Funding allows for the operation of 7 state preschool sites. Program operates for 180 days and follows the Oxnard School District calendar during July 1, 2017 through June 30, 2018; \$1,257,719.00 funding to the Oxnard School District to operate State Preschool Program.
- #17-77 Child Development Resources of Ventura County Inc., Sierra Linda NfL Preschool, and the Oxnard School District partnership makes it possible for each agency to use their resources to benefit the children of Oxnard School District. They provide young children with the Head Start services at Sierra Linda NfL Preschool for the 2017-2018 school year during July 1, 2017 through June 30, 2020; no fiscal impact to the Oxnard School District.

Enrichment:

- #17-71 Teambonding Inc. will facilitate team building challenges for Oxnard School District Administrators & Classified Managers at the Administrative Retreat on August 4, 2017; amount not to exceed \$5,200.00, to be paid with General Funds.

Personnel:

- #17-106 Gold Coast Joint Benefits Trust, the Oxnard School District (District), and the California School Employees Association (CSEA) have signed a Participation Agreement (agreement) with the Gold Coast Joint Benefits Trust (GCJBT), with an effective date of May 1, 2017. The GCJBT is a tax-exempt trust that administrates, or hires third party administrators to manage the health and welfare benefit programs for employees of the District. CSEA and the District have agreed to participate in the GCJBT programs; no fiscal impact to the Oxnard School District.

Special Education:

- #17-51 Exceptional Educational Consultants Inc. will provide consultation to teachers and specialists in the Oxnard School District including review of Individualized Education Plans, IEP meeting preparation, classroom

organizational and instructional strategies during the 2017-2018 school year; amount not to exceed \$12,000.00 per the hourly rate of \$80.00, to be paid with Special Education Funds.

- #17-53 Hollar Speech & Language Therapy to provide Independent Education Evaluator Services for the Special Education Department during the 2017-2018 academic year to complete evaluations on due process claims; amount not to exceed \$30,000.00, to be paid with Special Education Funds.
- #17-54 Auditory Processing Center of Pasadena will provide (central) auditory processing evaluations for the Special Education Services Department during the 2017-2018 academic year; amount not to exceed \$5,000.00, to be paid with Special Education Funds.
- #17-55 Dr. Carlos A. Flores, Licensed Psychologist, will provide Independent Education Evaluation Services to the Special Education Services Department during the 2017-2018 academic school year; amount not to exceed \$30,000.00, per the rate of \$5,000.00 per assessment, to be paid with Special Education Funds.
- #17-56 Lindamood-Bell Learning Processes to provide 1:1 sensory-cognitive instruction services during the 2017-2018 school year; amount not to exceed \$100,000.00, to be paid with Special Education Funds.
- #17-57 Dr. Carolyn Banks to provide consultant services to the Oxnard School District, Special Education Services during the 2017-2018 academic school year; amount not to exceed \$30,000.00, to be paid with Special Education Funds.

Support Services:

- #17-58 Mixteco/Indigena Community Organizing Project (MICOP) – Case Management, Resource and Referral. The agreement formalizes Family Strengthening programming objectives, service levels, measures for success, and implementation strategies that will guide the efforts of MICOP in the delivery of Case Management, Resource & Referral services specifically to the Mixteco community during the 2017-2018 school year; amount not to exceed \$119,165.00, to be paid out of First 5/Oxnard Neighborhood for Learning funds.
- #17-59 Mixteco/Indigena Community Organizing Project (MICOP) – Aprendiendo con Mama y Papa. The agreement formalizes programming objectives, service levels, measures for success, and implementation strategies that will guide the efforts of MICOP in the delivery of Aprendiendo con Mama y Papa workshop services specifically to the Mixteco community during the 2017-2018 school year; amount not to exceed \$27,457.00, to be paid out of First 5/Oxnard Neighborhood for Learning funds.
- #17-60 Continuing Development Inc. – Harrington NfL Preschool, the agreement formalizes Early Learning programming objectives, service levels, measures for success, and implementation strategies that will guide the efforts of Continuing Development Inc. The program offers a 3-hour preschool program for 72, four (4) year old children during the 2017-2018 school year; amount not to exceed \$108,259.00, to be paid out of First 5/Oxnard Neighborhood for Learning funds.
- #17-62 Seabridge Homeowners Association agreement covers the rental fee and deposit due for the rental of the Seabridge Community Clubhouse/Recreation Center for the 2017-18 District Administration Retreat on August 4, 2017; amount not to exceed \$1,250.00, to be paid with Unrestricted General Funds.

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| C.4 Approved of State Preschool Parent Handbook for 2017-2017 the State Preschool Parent Handbook for 2017-2018. | (Approval of State Preschool Parent Handbook for 2017-2018) |
| C.5 Ratified the District’s Submission of the 2017-18 Consolidated Application for Funding. | (Ratification of the District’s Submission of 2017-18 Consolidated Application for Funding) |
| C.6 Adopted Resolution #17-05 – California Department of Education-Child Development Division Contract #CSPP-7667. | (Adoption of Resolution #17-05 – California Department of Education-Child Development Division Contract CSPP-7667) |
| C.7 Approved Resolution #17-06 Making Environmental Findings in Connection with the McKinna Elementary School Reconstruction Project located at 1611 South J street, Oxnard, Ca 93033. | (Approval of Resolution #17-06 McKinna Elementary School Reconstruction Project) |
| C.8 Approved Resolution #17-07 Adopting Preliminary Environmental Assessment Report and Soil Management Plan for the Doris/Patterson site. | (Approval of Resolution #17-07 Adopting Preliminary Environmental Assessment Report and Soil Management Plan for the Doris/Patterson site) |
| C.9 Approved Dispersal No. 008 from the Lemonwood E.S. Reconstruction Project’s Contractor Contingency for Payment of Additional Work Associated with the Project. Construction Services Agreement #15-198 with Swinerton Builders. | (Approval of Dispersal No.008 from the Lemonwood E.S. Reconstruction Project) |
| C.10 Approved and adopted the June 2017 Semi-Annual Implementation Program Update as an Adjustment to the Master Construct and Implementation Program, as presented on June 21, 2017. | (Approval of Adoption of the June 2017 Semi-Annual Implementation Program Update) |
| C.11 Approved Work Authorization Letter #5 to Construction Testing Engineering (CTE) Inc. for the Design Phase Geotechnical Engineering Services for the Rose Avenue Elementary School Reconstruction Project. Master agreement # 13-124 with CTE. | (Approval of Work Authorization Letter #5 to Construct Testing Engineering (CTE) Inc., for Design Phase for the Rose Avenue Elementary |

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| | School Reconstruction Project) |
| C.12 Approved Work Authorization Letter #5 (WAL#5) for Master Agreement #13-126 with MNS Engineers Inc. to perform Survey Services for the Rose Avenue E.S. Reconstruction Project. | (Approval of Work Authorization Letter #5 (WAL#5) for Master Agreement #13-126 with MNS Engineers Inc. to perform Survey Services for the Rose Avenue E.S. Reconstruction Project) |
| C.13 Approved Work Authorization Letter #11 to ATC Group Services LLC (ATC) to provide Environmental Support Services for the McKinna Elementary School. Master agreement #13-135. | (Approval of Work Authorization Letter #11 to ATC Group Services LLC (ATC) to provide Environmental Support Services for the McKinna Elementary School. |
| C.14 Ratified Credit Change Order #1 to David Atkins Construction Inc. in the amount of (\$8,304.80) with David Atkin Construction Inc. | (Ratification of Credit Change Order #1 to David Atkins Construction Inc.) |
| C.15 Ratified Change Order #1 to Kiwitt's General Building in the amount of \$6,375.50 for Curren School Fire Sprinkler Corrections. | (Ratification of Change Order #1 to Kiwitt's General Building) |
| C.16 Ratified Change Order #1 to Kitwitt's General Building Contractor in the amount of \$8,973.87 for Haydock School Sewer Repair/Replacement. | (Ratification of Change Order #1 to Kitwitt's General Building) |
| C.17 Ratified Change Order #1 to Viola Inc. in the amount of \$63,464.78 for San Miguel Preschool New Portable Classrooms. | (Ratification of Change Order #1 to Viola Inc.) |
| C.18 Ratified Work Authorization Letter (WAL) #3-S for Master Agreement #13-154 with NV5 West Inc., for Additional Design Phase Geotechnical Engineering Services for the McKinna Elementary Reconstruction Project. | (Ratification of Work Authorization Letter (WAL) #3-S with NV5 West Inc., for Additional Design Phase Geotechnical Engineering Services for the McKinna Elementary Reconstruction Project) |
| C.19 Approved Field Contract #FC-P18-00616 with Kiwitt's General Building Contractor in the amount of \$29,7000.00 | (Approval of Field Contract #FC-P18-00616 |

- Kiwitt’s General Building Contractor)
- C.20 Approved Field Contract #FC-P18-00623 with Fence Factory in the amount of \$27,597.00 with Fence Factory. (Approval of Field Contract #FC-P18-00623 – Fence Factory)
- C.21 Ratified Participation Agreement #17-82 Between Gold Coast Joint Benefits Trust, the Oxnard School District (District), and the Oxnard Educators Association (OEA). (Ratification of Participation Agreement #17-82 Between Gold Coast Joint Benefits Trust, the Oxnard School District(District), and the Oxnard Educators Association (OEA))
- C.22 Ratified Participation Agreement #17-83 Between Gold Coast Joint Benefits Trust, the Oxnard School District (District), and the Oxnard Supportive Services Association (OSSA). (Ratification of Participation Agreement #17-83 Between Gold Coast Joint Benefits Trust, the Oxnard School District(District), and the Oxnard Supportive Services Association (OSSA))
- C.23 Approved Interfund Transfers from General Fund as sbmitted. (Interfund Transfers)
- C.24 Approved Purchase Order/Draft Payment Report #17-01, as submitted. (Purchase Order/Draft Payment #17-01)
- C.25 Received the enrollment report as of June 16, 2017 that was 16,779. This is 149 less than the same time last year. (Enrollment Report)
- C.26 Approved the 2016-17 Quarterly Report on Williams Uniform Complaint fourth quarter, as presented. (Approval of the 2016-17 Quarterly Report on Williams Uniform Complaint)
- C.27 Rejected Liability Claim: VCBA07702A2. (Rejection of Liability Claim: VCBA07702A2)
- C.28 Approved Job Duties for New Job Description – Special Education Data Technician so that new classification can be taken to, and approved by, the Personnel Commission and recruitment may be initiated. Education Code 45276 provides that “The governing board shall fix the duties of all positions a part of the classified service as required by Section 45109. The board may recommend the minimum educational and work experience requirements for classified positions to the personnel commission. Minimum qualification requirements shall be subject to approval of the commission. The (Approval of Job Duties for New Job Description- Special Education Data Technician)

position duties shall be prescribed by the board and qualification requirements for the position class shall be prepared and approved by the commission, required by section, prior to issuance of an announcement calling for a competitive examination to fill position vacancies.”

C.29 Approved Speech-Language Pathology Assistant Salary Reallocation from Range 21.5 to Range 26.0 on the Classified/CSEA salary schedule retroactive to June 7, 2017 in order to place OSD competitively in the market place and to attract and retain qualified employees. (Speech-Language Pathology Assistant Salary Reallocation)

C.30 Establish/Abolish/Increase/Reduce Hours of Positions

Establish:

- An eight hour, 246 day Secretary, position 8432, to be established in the Special Education department. This position will be established to provide additional support.
- A four hour, 246 day Instructional Materials Warehouse Attendant/Driver, position number 8394, to be established in the Educational Services department. This position will be established to assist with warehouse duties in the instructional materials warehouse.
- A five hour and forty five minute, 183 day Health Assistant, position number 8432, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.
- A five hour and forty five minute, 183 day Health Assistant, position number 8433, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.
- A five hour and forty five minute, 183 day Health Assistant, position number 8434, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.
- A five hour and forty five minute, 183 day Health Assistant, position number 8435, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.
- A five hour and forty five minute, 183 day Health Assistant, position number 8436, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.
- A five hour and forty five minute, 183 day Health Assistant, position number 8437, to be established in the Pupil Services department. This position will be to support students’ health and wellness at the school sites.

Abolish:

- A four hour, 246 day Warehouse Worker/Delivery Driver, position number 8027, to be abolished in the Educational Services department. This position will be abolished due to the lack of work.

FISCAL IMPACT:

Cost for Instructional Materials Driver - \$25,302 General Fund

Cost for Secretary - \$73,094.00 Special Education

Cost for Health Assistants-\$200,916 General Fund

Savings for Warehouse Worker/Delivery Driver -\$25,790 General Fund

C.31 Personnel Action:

(Personnel Actions)

The following certificated individuals to be employed in the capacities and for the terms indicated, their salaries to be determined in accordance with salary regulations of the District.

(CERTIFICATED)

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>NEW HIRES</u>		
Aguilar Belmontes, Pedro	ELA Teacher, Chavez	August 14, 2017
Alonso, Sandra Ceja	Teacher, Kamala	August 14, 2017
Alvear, Clara	Teacher	August 14, 2017
Ambriz, Gabriela	Teacher, McKinna	August 14, 2017
Banales, Lizabeth	Teacher, RSP, McKinna	August 14, 2017
Shaw, Julie	Teacher, Spanish, Fremont	August 14, 2017
Beckham, Joshua	Teacher, Lemonwood	August 14, 2017
Billings, Shannon	Speech Language Pathologist	August 14, 2017
Cadang, Annabella	Speech Language Pathologist	August 14, 2017
Cazares, Enrique	Teacher	August 14, 2017
Cuellar, Laura	SPED Teacher	August 14, 2017
Demorest, Jamison	ELA Teacher, Curren	August 14, 2017
Donovan, Justin	Teacher	August 14, 2017
Duarte, Eveyln	SPED Teacher	August 14, 2017
Ford, Rochalle	Teacher, Kamala	August 14, 2017
Garcia, Alma	SPED Teacher	August 14, 2017
Garcia, Amanda	SPED Teacher	August 14, 2017
Guerrero, Noheli	Psychologist	August 4, 2017
Higgins, Kenya	SPED Teacher	August 14, 2017

RESIGNATION

Barbata, Emily	SDC Teacher, Haydock	06/16/2017
Bujold, Allison	Teacher, Soria	06/16/2017
Chisholm, Sara	Teacher, McAuliffe	06/16/2017
Roque, Julian	Science Teacher, Chavez	06/16/2017
Shaw, Kelsey	Teacher, Kamala	06/16/2017
Uchiyama, Laura	SDC Teacher, Harrington	06/16/2017

RETIREMENT

LEAVE OF ABSENCE

Panthier, Leah	Teacher	8/14/2017 – 6/14/2018
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The following classified individuals to be employed in the capacities and for the terms indicated, their salaries to be determined in accordance with salary regulations of the district, it being understood that substitute classified personnel and regular classified personnel performing substitute duties will be assigned by the administration and paid in accordance with salary regulations governing the specific assignment: (CLASSIFIED)

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>New Hire</u>		
Bradley, Arderick	Instructional Materials Warehouse Attendant/Driver, position #8394 Ed. Services 4.0 hrs./246 days	07/03/2017
Chaparro, Rose	Executive Assistant to Superintendent, Position #1856 Superintendent 8.0 hrs./246 days	06/12/2017
Courter, Laura C.	Library Media Technician, Position #2524 Ritchen 5.0 hrs./190 days	08/11/2017
Jetton, Lacy	Human Resources Assistant, Position #8183 Certificated Human Resources 8.0 hrs./246 days	06/19/2017
Posos, Sara	Family Liaison, Position #8150 Special Education 8.0 hrs./180 days	08/16/2017
Saucedo, Eduardo	Custodian, Position #6448 Drifill 4.0 hrs./246 days	06/26/2017
<u>Limited Term</u>		
Aguirre Cayeros, Carmina	Paraeducator	07/11/2017
Arevalo, Antonia	Paraeducator	06/19/2017
Rodriguez, Edmidia	Paraeducator	06/09/2017
Sierra, Yesenia	Paraeducator	07/03/2017
Vega, Sofia	Paraeducator	06/20/2017
<u>Promotional</u>		
Gutierrez, Salvador	Lead Custodian, Position #995 Chavez, 8.0 hrs./246 days Custodian, Position #578 Rose Ave. 8.0 hrs./246 days	06/26/2017
Lemus Maldonado, Maria	Outreach Specialist, Position #2688 Marshall 8.0 hrs./180 days Family Liaison, Position #6405 Ramona 6.0 hrs./180 days	08/16/2017
Layne, Maria	Preschool Teacher, Position #7801 Nfl 3.0 hrs./183 days Preschool Assistant, Position #2661 Nfl 3.0 hrs./183 days	08/15/2017

Lopez, Ana	Preschool Teacher, Position #7802 Nfl 3.0 hrs./183 days	08/14/2017
	Preschool Assistant, Position #1348 Nfl 3.0 hrs./183 days	

Add Bilingual Stipend

Ambriz Magana, Rosaelia	Testing Assessment Analyst, Position #1698	07/01/2017
Arellano, Marisela	Preschool Assistant, Position #2658	07/01/2017
Arroyo, Maribel	Preschool Assistant, Position #2666	07/01/2017
Basaldua, Georgina	Preschool Teacher, Position #544	07/01/2017
Benavidos, Leticia	Preschool Assistant, Position #945	07/01/2017
Barragan, Rosalia	Infant Program Assistant, Position # 1067	07/01/2017
Beltran, Irma	Preschool Assistant, Position# 2580	07/01/2017
Born, Cecilia	Preschool Assistant, Position# 2894	07/01/2017
Cerball. Maria	Preschool Assistant, Position# 2150	07/01/2017
Chavez, Beatriz	Preschool Teacher, Position #687	07/01/2017
De La Rosa, Leticia	Preschool Assistant, Position #2664	07/01/2017
Fimbres, Jeanette	Preschool Assistant, Position #988	07/01/2017
Fimbres, Stacy	Preschool Assistant, Position #2657	07/01/2017
Flores, Rocio	Preschool Teacher, Position #1111	07/01/2017
Galvan, Yanixsa	Preschool Assistant, Position #443	07/01/2017
Garcia, Martha	Family Liaison, Position #2431	07/01/2017
Giles, Araceli	Preschool Assistant, Position #2581	07/01/2017
Gonzales, Celia	Migrant Education Recruiter, Position #7101	07/01/2017
Gutierrez, Alfredo	District Community Liaison, Position #6587	07/01/2017
Guzman Beccera, Maria	Preschool Assistant, Position #1553	07/01/2017
Herrera, Norma	Facilities Technician, Position #1653	07/01/2017
Kubilos, Teresita	Preschool Teacher, Position #767	07/01/2017
Layne, Maria	Preschool Assistant, Position #2661	07/01/2017
Lemus Maldonado, Maria	Family Liaison, Position #6405	07/01/2017
Leon, Sandra	Family Liaison, Position #2433	07/01/2017
Lopez, Ana	Preschool Assistant, Position #1348	07/01/2017
Lopez, Pamela	Family Liaison, Position #2429	07/01/2017
Magana, Beatris	Facilities Technician, Position #05	07/01/2017
Magana, Yolanda	Preschool Teacher, Position #1110	07/01/2017
Mariscal, Alicia	Preschool Teacher, Position #7213	07/01/2017
Mendez, Maria	Preschool Teacher, Position #6337	07/01/2017
Mendoza, Yolanda	Family Liaison, Position #2430	07/01/2017
Morales, Celia	Preschool Assistant, Position #6858	07/01/2017
Nava, Sonia	Family Liaison, Position #2432	07/01/2017
Ojeda, Laura	Preschool Assistant, Position #2576	07/01/2017
Ontiveros, Alma	Preschool Assistant, Position #2893	07/01/2017
Palomar, Ariana	Preschool Teacher, Position #2895	07/01/2017
Pamatz, Alejandra	Preschool Teacher, Position #1297	07/01/2017

Peralta, Ramona	Preschool Assistant, Position #2663	07/01/2017
Perez, Angela	Preschool Teacher, Position #7673	07/01/2017
Ramirez, Erendira	Preschool Assistant, Position #8326	07/01/2017
Reyes, Rosa	Preschool Assistant, Position #2659	07/01/2017
Silva, Janet	Preschool Assistant, Position #1234	07/01/2017
Tapia, Elena	Preschool Assistant, Position #6360	07/01/2017
Torres Garcia, Sanjuana	Preschool Teacher, Position #925	07/01/2017
Vanegas, Veronica	Preschool Teacher, Position #6336	07/01/2017
Zuniga, Flora	Preschool Teacher, Position #1443	07/01/2017

Reinstatement

Vasquez, Teresa	Outreach Specialist, Position #2686 Ritchen 8.0 hrs./180 days	08/16/2017
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Unpaid Leave of Absence

Macias, Melissa	Paraeducator I, Position #2697 English Learner Services 5.5 hrs./183 days	08/14/2017- 01/07/2018
Pulido, Daniel	Paraeducator II, Position #2683 Special Education 5.75 hrs./183 days	08/14/2017- 06/29/2018
Ramos, Francisco	Site Technology Technician, Position #2198 Sierra Linda 8.0 hrs./246 days	08/14/2017- 01/01/2018

Medical Layoff

663	Instructional Assistant Physically Handicapped, Position #764 Special Education 5.5 hrs./183 days	06/03/2017
3549	Library Media Technician, Position #1039 Marina West 5.0 hrs./190 days	06/30/2017

Termination

4671	School Office Manager, Position #734 Lemonwood 8.0 hrs./215 days	06/08/2017
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Resignation

Henggl, Beth	School Occupational Therapist, Position #7936 Special Education 8.0 hrs./203 days	06/23/2017
Keys, Danielle	Senior Human Resources Analyst, Position #6298 Classified Human Resources 8.0 hrs./246 days	07/05/2017
Kitagawa, Bryan	Paraeducator I, Position #7167 Brekke 4.0 hrs./183 days	07/18/2017
Serrato, Maria	Instructional Assistant Severely Handicapped, Position #1859 Special Education 5.5 hrs./183 days	05/02/2017

Retirement Correction

Gonzales, Celia	Migrant Education Recruiter, Position #7101	12/31/2017
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English Learner Services 8.0 hrs./246 days

Annual Teacher Assignment Report
Pursuant to Education Code 44258.9(a)
2017-2018

Name
Dempsey, Susan

Subject
Survey (Art)/ Haydock

D.1 On motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0; the Board of Trustees appointed Flewelling and Moody as Architect of Record for the new Seabridge K-5 School Project and approved the proposed project design and Agreement #17-81 for Architectural Services with Flewelling and Moody.

APPROVAL OF
APPOINTMENT OF
FLEWELLING AND
MOODY AS
ARCHITECT OF
RECORD FOR THE
NEW SEABRIDGE K-5
SCHOOL PROJECT
AND APPROVAL OF
THE PROPOSED
DESIGN FOR
ARCHITECTURAL
SERVICES WITH
FLEWELLING AND
MOODY
(Motion #17-06)

D.2 After a presentation from Mr. Brackett from Swinerton and Moody. Following a discussion, on motion by Trustee Robles-Solis, seconded by Trustee Cordes and carried on a roll call vote of 3-0; the Board of Trustees approved Change Order No. 007 to Construction Services Agreement #15-198 with Swinerton Builders to provide Construction Services related to the Lemonwood Elementary School Reconstruction Project.

APPROVAL OF
CHANGE ORDER NO.
007 TO
CONSTRUCTION
SERVICES
AGREEMENT 15-198
WITH SWINERTON
BUILDERS FOR THE
LEMONWOOD K-8
SCHOOL
RECONSTRUCTION
(Motion #17-07)

F.1 The Board of Trustee reviewed the revised Board Policies, Administrative Regulations and Bylaws, as presented for first reading:

FIRST READING OF
BOARD POLICIES,
REGULATIONS AND
BYLAWS

Revision AR 4112	Certificated Personnel APPOINTMENT AND CONDITIONS OF EMPLOYMENT	Vaca
New E 4112.9 E 4212.9 E 4312.9	All Personnel EMPLOYEE NOTIFICATIONS	Vaca
Revision BP 4112.21	Certificated Personnel INTERNS	Vaca
Revisions AR 4112.23	Certificated Personnel SPECIAL EDUCATION STAFF	Vaca
New AR 4217.11 BP 5111	Classified Personnel PRERETIREMENT PART-TIME EMPLOYMENT	Vaca
BP/AR 5111.1	Students ADMISSION	Freeman/Ridge
BP/AR 5141.21	Students DISTRICT RESIDENCY	Freeman/Ridge
BP/AR 5141.21	Students ADMINISTERING MEDICATION AND MONITORING HEALTH CONDITIONS	Freeman
BP/AR 5141.52	Students SUICIDE PREVENTION	Freeman
Revision BP & AR 6174	Instruction EDUCATION FOR ENGLISH LANGUAGE LEARNERS	Freeman

Dr. Cesar Morales

- Welcomed back the Board, students and staff to come on August 16th.
- Reported that the PACC was secured for August 14th welcome back meeting for the staff.
- Thanked Staff from CNS, IT, Summer school staff and after school staff for working so hard.
- Showed the Lemonwood Beam Ceremony video.

TRUSTEE
ANNOUNCEMENTS

Mr. Ernest Morrison:

- Expressed he is also looking forward to the next year.
- Reported that several families expressed they want to come back to OSD.

Mrs. Debra M. Cordes:

- Expressed she is looking forward to the new school year.
- Reported she had 37 visitors form the sister city of Ocotlan.
- Extended her condolences to Sierra Linda family for their former principal loss.

Mrs. Veronica Robles-Solis:

- Welcomed Ms. Janet Penanhoat, Interim Financial and Fiscal Services.
- Thanked the personnel that worked for the Summer school and the Migrant program.
- Expressed she is looking forward to the school year.

There being no further business, on motion by Trustee Cordes, seconded by Trustee Robles Solis, President Robles-Solis adjourned the meeting at 7:55 p.m.

ADJOURNMENT

Respectfully Submitted,
DR. CESAR MORALES

District Superintendent and
Secretary to the Board of Trustees

By our signature below, given on this _____ day of _____, 20____, the Governing Board of the Oxnard School District approves the Minutes of the Regular Board meeting of August 3, 2016; on motion of Trustee _____, seconded by Trustee _____.

Signed:

President of the Board of Trustees

Clerk of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Regular Board Meeting
August 23, 2017

The Board of Trustees of the Oxnard School District met in regular session at 5:02 p.m. on Wednesday, August 23, 2017, at the Educational Service Center.

CALL TO ORDER

A roll call of the Board was conducted. Present were President Ernest “Mo” Morrison, and Trustees Debra M. Cordes, Denis O’Leary, Veronica Robles-Solis and Monica Madrigal Lopez. Staff members present were District Superintendent Dr. Cesar Morales, Deputy Superintendent Janet Penanhoat and Assistant Superintendents Robin Freeman and Dr. Jesus Vaca, and Executive Assistant Rose Chaparro.

ROLL CALL

Harley Mendez, 5th grader at Brekke Elementary School in Ms. Annie Sullivan’s class, led the audience in the Pledge of Allegiance.

PLEDGE OF ALLEGIANCE

Alaina Ang, 5th grader in Mrs. Brandee Scogin’s class, at Brekke Elementary School read the District’s Vision and Mission Statements in English, and Julian Trejo 3rd grader in Mrs. Elvis Cruz’s class read in Spanish.

DISTRICT’S VISION AND MISSION STATEMENTS

Mrs. Bertha Anguiano, Principal at Brekke School thanked the Board for the opportunity to showcase school presentation. She introduced 3 members of the staff, Ms. Joy Goldowitz, Ms. Ashley Ms. Arias and Terry Lopez, who made a presentation on programs, activities and events in Brekke.

A.4 Changes to the agenda were noted:

ADOPTION OF THE AGENDA

- Revised Item A.10: “Introduction of New Administrators” to add the following new administrator:
 - Orlando De Leon, Facilities Project and Sustainability/Energy Manager
- C.3 Ratification of Agreement No. 17-96 is being pulled from the agenda.
 - Special Education Item: Ratification of Agreement/MOU #17-96 – School on Wheels, Inc. (Freeman/Ridge)
- Revised Item D.1: Consider Adoption of Resolution #17-08 and Authorization to Purchase Property (Morales)
 - Revised Attachments:
 - Agreements for Purchase and Sale of Real Property and Joint Escrow
 - Water Service Agreement
 - Mitigation Agreement

On motion by Trustee Cordes, seconded by Trustee Robles-Solis and carried a roll call vote of 5-0, the Board adopted the agenda, as amended.

ANNOUNCEMENTS PRIOR TO CLOSED SESSION August 24, 2016:

After any public comments on the Closed Session agenda items, the Board will be recessing to Closed Session to consider the following:

No one addressed the Board of Trustees during closed session public comment.

PUBLIC COMMENT
CLOSED SESSION

Firstly, for CONFERENCE WITH LEGAL COUNSEL under *Government Code*, Section 54956.9:

- ANTICIPATED LITIGATION – one (1) case
- EXISTING LITIGATION – one (1) case
 - Office of Administrators Services Case No. OAH 2017020645

Secondly, CONSIDERATION OF STUDENT MATTERS, (Education Code 48916)

- None

Thirdly, for CONFERENCE WITH LABOR NEGOTIATORS under *Government Code*, Sections 54957.6 and 3549.1.

The District negotiator is the Assistant Superintendent, Human Resources & Support Services and the employee organizations are OEA, OSSA, CSEA; and all unrepresented personnel – administrators, classified management, confidential.

Fourthly, for CONFERENCE WITH REAL PROPERTY NEGOTIATORS (for acquisition of new school site) under *Government Code*, Section 54956.8:

- Property: Parcel located on Teal Club Road, North of Teal Club Road, South of Doris Avenue; Agency Negotiators: Superintendent/Deputy Superintendent, Business & Fiscal Services/Garcia Hernandez & Sawhney, LLP/Caldwell Flores Winters, Inc.

Finally, under *Government Code*, Section 54957 and *Education Code*, Section 44943:

- NEGOTIATIONS
- CONFERENCE WITH LABOR NEGOTIATOR
- PUBLIC EMPLOYEE(S) DISCIPLINE/DISMISSAL/RELEASE

Trustees convened to closed session at 6:00 p.m. until approximately 7:02p.m. to discuss items on the closed session agenda.

CLOSED SESSION

President Morrison reported the Board would be returning to closed session after the regular board meeting to complete the items on the closed session agenda.

REPORT ON CLOSED
SESSION

A.10 Dr. Cesar Morales, District Superintendent introduced the following new administrators to the Board of Trustees:

INTRODUCTION OF NEW
ADMINISTRATOR(S)

- Chantal (Anderson) Witherspoon, Principal at Fremont Middle School
- Brian Blevins, Assistant Principal, Kamala Elementary (K-8)
- Dr. Edd C. Bond, Certificated Human Resources Director
- Dr. Richard Caldwell, Principal at Frank Middle School
- Rose Chaparro, Executive Assistant to Superintendent
- Wendy Garner, Principal at McKinna Elementary (K-5)
- Elva Gonzales-Nares, Assistant Principal at Haydock Middle
- Katrina Madden, Special Education Manager
- Dr. Andres Santamaria, Principal at Ritchen Elementary (K-5)
- *Orlando De Leon, Facilities Project and Sustainability/Energy Manager*

B.1 Clerk Cordes read the Rules for Individual Presentations in Spanish and in English. RULES FOR PRESENTATIONS

No one addressed the Board during Public Comments. PUBLIC COMMENT

The following items on the consent agenda were approved on motion by Trustee O’Leary, seconded by Trustee Robles-Solis, and carried on a roll call vote of 5-0, as presented. CONSENT AGENDA (Motion #17-08)

C.1 Acceptance of Gifts (Acceptance of Gifts)

- From Mr. David Havens, an Oxnard Resident, a donation of approximately \$100 worth of basic, brand new school supplies.

C.2 Approved the following agreements: (Approval of agreements)

Academic:

- #17-102 International Center for Leadership in Education, a division of Houghton Mifflin Harcourt; Consultant to provide professional development training on the specified dates for TOSA y Tech Mentors, amount not to exceed \$11,550.00; to be paid with Unrestricted General Fund.
- #17-103 Nutrition Ink Dietetic Internship Program; Dietetic Intern students are required to complete a ten month rotation of various aspects of work related to the field of nutrition, at no cost to the Oxnard School District.

Enrichment:

- #17-73 The Outdoor School at Rancho Alegre / Marshall School; Participation of 65, 5th grade students from Marshall school in an instructional program of Outdoor Science & Conservation Education, June 5-8, 2018 at the Outdoor School; amount not to exceed \$24,300.00, to be paid from the Donation Science Camp Fund.
- #17-113 Art Trek Inc. to provide professional development sessions, lessons and instructional support for the arts program in the after school program for the 2017-18 school year, services will be available to all schools in the Oxnard School District; amount not to exceed \$30,000.00, to be paid with ASES Grant Funds.

Support Services:

- #17-90 Ventura County Office of Education will work with the Oxnard School District Towards promoting CHAMPS implementation support for staff members for professional learning opportunities during the 2017-2018 fiscal year; amount not to exceed \$69,240.00, to be paid from General Fund per LCAP goals.
- #19-98 PDAP of Ventura County Inc. to provide an Addiction Treatment Counselor as available to provide early intervention group and individual counseling to students referred by faculty at identified schools in the Oxnard School District during the period of August 24, 2017 through June 15, 2018; amount not to exceed \$30,000.00, to be paid with Title I Funds.
- #17-99 Conscious Teaching LLC to facilitate a 1-2 hour morning keynote for the Oxnard School District on Monday, October 30, 2017; amount not to exceed \$3,500.00, to be paid with General Funds.

- #17-114 Dr. Trudy Arriaga to provide professional development in Cultural Proficiency to the Fremont School staff, during the 2017-2018 school year; amount not to exceed \$14,400.00, to be paid with LCFE Funds.

C.3 Ratified the following agreements:

(Ratification of agreements)

Academic:

- #17-85 Child Development Resources of Ventura County Inc. – Ground Lease for Haydock Head Start. Agreement renews the Ground Lease terms between the Oxnard School District and Child Development Resources of Ventura County Inc. (CDR) for the Head Start Program at Haydock, term of the Ground Lease July 1, 2017 to June 30, 2020; no fiscal impact to the Oxnard School District.
- #17-86 Child Development Resources of Ventura County Inc. – Ground Lease for Marina West Head Start. Agreement renews the Ground Lease terms between the Oxnard School District and Child Development Resources of Ventura County Inc. (CDR) for the Head Start Program at Marina West, term of the Ground Lease July 1, 2017 to June 30, 2020; no fiscal impact to the Oxnard School District.
- #17-87 Child Development Resources of Ventura County Inc. – Ground Lease for San Miguel Head Start. Agreement renews the Ground Lease terms between the Oxnard School District and Child Development Resources of Ventura County Inc. (CDR) for the Head Start Program at San Miguel, term of the Ground Lease July 1, 2017 to June 30, 2020; no fiscal impact to the Oxnard School District.
- #17-88 Child Development Resources of Ventura County Inc. – Marina West NfL Preschool 2017-18, Agreement/MOU confirms the partnership between Oxnard School District and Child Development Resources of Ventura County Inc. (CDR), term of the Agreement/MOU July 1, 2017 to June 30, 2020; no fiscal impact to the Oxnard School District.
- #17-89 Child Development Resources of Ventura County Inc. – Sierra Linda NfL Preschool 2017-2018, Agreement/MOU confirms the partnership between Oxnard School District and Child Development Resources of Ventura County Inc. (CDR), term of the Agreement/MOU July 1, 2017 to June 30, 2020; no fiscal impact to the Oxnard School District.

Special Education:

- Amendment #1 to Agreement #15-21 with CSBA’s Practi-Cal Inc., original agreement amount \$100,000.00, Amendment #1 additional \$120,000.00, total agreement amount not to exceed \$220,000.00, to be paid with LEA Medi-Cal funds.
- Amendment #3 to Agreement #16-71 with STAR of CA, ERA ED original agreement amount \$120,000.00; Amendment #1 in the amount of \$60,000.00 for a new total agreement cost of \$180,000.00. Amendment #2 in the amount of \$200,000.00 for a new total agreement cost of \$380,000.00, Amendment #3 increases Special Education funding in the amount of \$145,000.00 for a new total agreement cost of \$525,000.00. Amendment #3 is necessary to adjust the total expected cost through the 2016-2017 fiscal year; amount not to exceed \$145,000.00, to be paid with Special Education Funds.
- Addendum #1 to Agreement #16-142 with Ventura County Office of

Education, Special Circumstances Paraeducator Services original agreement amount \$4,189.50, Addendum #1 increases the amount by \$5,225.59, for a total agreement cost of \$9,415.09. Addendum #1 is required to cover the balance due for services provided during the 2016-2017 school year; amount not to exceed \$5,225.59, to be paid with Special Education Funds.

- Amendment #1 to Agreement #16-158 with Exceptional Educational Consultants Inc. original agreement amount \$10,000.00; Amendment #1 in the amount of \$2,062.50 for a new total agreement cost of \$12,062.50; amount not to exceed \$2,062.50, to be paid with Special Education Funds.
- Amendment #1 to Agreement #16-186 with Assistance League, Non-Public School, NPS original agreement amount \$6,280.00; Amendment #1 in the amount of \$1,105.00 for a new total agreement cost of \$7,385.00; amount not to exceed \$1,105.00, to be paid with Special Education Funds.
- Addendum #1 to Agreement #16-209 with Ventura County Office of Education, Special Circumstances Paraeducator Services original agreement amount \$4,435.11, Addendum #1 increases the amount by \$2,510.58, for a total agreement cost of \$6,945.69. Addendum #1 is required to cover the balance due for services provided during the 2016-2017 school year; amount not to exceed \$2,510.58, to be paid with Special Education Funds.
- Addendum #1 to Agreement #16-221 with Ventura County Office of Education, Special Circumstances Paraeducator Services original agreement amount \$2,750.00, Addendum #1 increases the amount by \$30,224.98, for a total agreement cost of \$32,974.98. Addendum #1 is required to cover the balance due for services provided during the 2016-2017 school year; amount not to exceed \$30,224.98, to be paid with Special Education Funds.
- #16-290 Assistance League, Non-Public School, ratification for NPS services for two students for the 2016-2017 school year, including Extended School year, beginning June 12, 2017; amount not to exceed \$1,570.00, to be paid with Special Education Funds.
- #16-291 Ventura County Office of Education, Special Circumstances Paraeducator Services to provide services to three special education students that consist of support from SCP's, including extended school year; amount not to exceed \$20,149.99, to be paid with Special Education Funds.
- #17-92 Haynes Education Center & S.T.A.R. Academy to provide services to the Special Education Services Department during the 2017-2018 school year; amount not to exceed \$30,000.00, to be paid with Special Education Funds.
- #17-93 Ventura County Office of Education, Special Circumstances Paraeducator Services to provide services to special education students that consists of support from SCP, including extended school year; amount not to exceed \$132,477.35, to be paid with Special Education Funds.
- #17-101 Therapy Travelers to provide supplemental staffing including Speech Language Pathologist, Speech Language Pathologist Assistant, Occupational Therapist and School Psychologist, to the Oxnard School District on an "as needed" basis; amount not to exceed \$150,000.00, per the hourly 2017-2018 rate sheet, to be paid with Special Education Funds.
- #17-107 STAR of CA, ERA ED to provide classroom support and 1 to 1

Behavior Therapists for identified special education and general education students during the 2017-2018 school year; amount not to exceed \$500,000.00, to be paid with Special Education Funds.

Support Services:

- #17-91 Casa Pacifica to provide transportation services to school-aged children K-8, defined as homeless (including those living in shelters) under Title 1, who require transportation to and from school. The District will reimburse Casa Pacifica \$38 per day (round trip), per pupil; amount not to exceed \$21,000.00, to be paid with Title 1 Funds.
- #17-94 Ventura County Public Health to provide Oxnard School District children and families with free nutrition education and health promotion services on site during the 2017-2018 school year; no fiscal impact to the Oxnard School District.
- #17-95 Interface Children and Family Services to provide trained staff to work in conjunction with school administrators and staff to coordinate and facilitate Youth Crisis Outreach, Family Violence Intervention Services and Mental Health Services; term of agreement July 1, 2017 through June 30, 2018; no fiscal impact to the Oxnard School District.
- #17-96 *Pulled out from the agenda School on Wheels, Inc. purpose of the MOU is to establish and maintain a provision of service relationship between the two parties and to communicate responsibilities of the collaboration. Oxnard School District and School on Wheels, Inc. will work together in the 2017-2018 school year to identify and serve homeless children within the school district; no fiscal impact to the Oxnard School District.*
- #17-97 Lumos Transforms LLC to provide a three-week Resilience Toolkit workshop series to school counselors and outreach specialists during the 2017-2018 school year; amount not to exceed \$4,050.00, to be paid with General Funds.
- #17-100 VCOE Hearing Conservation & Audiology Services to conduct hearing screenings for Oxnard School District students for the 2017-2018 school year; amount not to exceed \$74,900.00, to be paid with General Funds.
- #17-104 Camarillo Hospice to provide grief support group sessions for the Oxnard School District by providing free care, comfort, support and counseling to individuals and families facing a life limiting illness and/or grieving the loss of a loved one; no fiscal impact to the Oxnard School District.
- #17-108 Mixteco/Indigena Community Organizing Project to provide two Mixteco Interpreters for In-Person Interpretation to assist the IT Department with iPad Deployment at Ramona and Chavez Schools for the period of August 7, 2017 through August 11, 2017; amount not to exceed \$4,000.00, to be paid with General Funds.

C.4 Designated a Representative and Alternate to the Ventura County Schools Self – Funding Authority’s Board of Directors as outlined via execution of the attached form.

(Designation of Representative and Alternate to the Ventura County Schools Self – Funding Authority’s Board of Directors)

C.5 Approved Work Authorization Letter #6 to Construction Testing &

(Approval of Work

- Engineering (CTE) Inc., to provide a full-time Deputy Inspector to assist at the Elm Street Elementary School Reconstruction Project. Authorization Letter #6 for Master Agreement #13-124 with Construction Testing & Engineering (CTE) Inc.)
- C.6 Approved Work Authorization Letter #6 to Agreement #13-126 for MNS Engineers Inc., to perform Survey Services for the Seabridge K-5 Elementary School Project. (Approval of Work Authorization Letter #6 to Agreement #13-126 for MNS Engineers Inc., to perform Survey Services for the Seabridge K-5 Elementary School Project)
- C.7 Approved Work Authorization Letter #6 for Master Agreement #13-154 with NV5 West Inc., for Design Phase Geotechnical Engineering Services for the Seabridge K-5 School Project. (Approval of Work Authorization Letter #6 to NV5 West Inc., for Design Phase Geotechnical Engineering Services for the Seabridge K-5 School Project)
- C.8 Approved Change Order No. 008 to Construction Services Agreement #15-198 with Swinerton Builders to adjust costs for Lemonwood K-5 School Reconstruction Project; amount not to exceed \$34,115.75, to be paid with Master Construct and Implementation Funds. (Approval of Change Order No. 008 to Construction Services Agreement #15-198 with Swinerton Builders to adjust costs for Lemonwood K-5 School Reconstruction)
- C.9 Approved Contingency Allocation No. 009 to Construction Services Agreement #15-198 with Swinerton Builders, for additional items of work related to the Lemonwood Elementary School Reconstruction Project. Contractor Contingency Allocation No. 009 will be deducted from the Contractor Contingency line item of the GMP Construction Services Agreement in the amount of \$5,320.25, to be paid from the Master Construct and Implementation Funds. The remaining Contractor Contingency Balance after Allocation No. 009 will be \$49,969.99. (Approval of Dispersal No. 009 from the Lemonwood Elementary School Reconstruction Project's Contractor Contingency for Payment of Additional Work Associated with the Project)
- C.10 Appointed Flewelling and Moody as Architect of Record for the Kindergarten Flex Classroom Projects at Brekke, McAuliffe, Ramona, and Ritchen Elementary Schools and Approval of Agreement #17-116 for Architectural Services. (Consider Appointment of Flewelling and Moody as Architect of Record and Approval of Agreement #17-116 for Architectural Services)
- C.11 Approved Amended Agreement #17-49 for Architectural Services with IBI Group for the Rose Avenue Elementary School Reconstruction Project. (Approval of Amended Agreement #17-49 for Architectural Services with IBI Group for the

Rose Avenue Elementary
School Reconstruction
Project)

C.12 Approved Lease-Leaseback Agreement #17-117, #17-118 and #17-119 with Bernards to provide Lease Lease-back Construction Services for the Marshall New Classroom Building Project; under the Master Construct & Implementation Funds Program, utilizing the Lease Lease-Back method of delivery, pursuant to Section 17406 of the California Education Code. The Lease-Lease-Back Agreements provide for the construction of a new classroom building at Marshall as reflected in the CSDA Architectural plans approved by DSA as No. 03-116806, for a total guaranteed maximum price (GMP) of \$8,994,236.00 to be paid out of Master Construct and Implementation Funds. This amount includes a GMP Contingency of \$345,932.00. The Agreements will be funded using the Master Construct & Implementation Funds. (Approval of Lease-Leaseback Agreement #17-117, #17-118 and) Guaranteed Maximum Price (GMP) with Bernards to provide Lease Lease-back Construction Services for the Marshall New Classroom Building Project)

C.13 Approved Field Contract #FC-P18-00938 – Precision Plumbing-Mechanical in the amount of \$34,587.00 with Precision Plumbing-Mechanical. (Approval of Field Contract #FC-P18-00938 Precision Plumbing- Mechanical)

C.14 Ratified Change Order #1 EMCOR Service Mesa Energy Systems- Time Extension (Ratify of Change of Order #1 EMCOR Service Mesa Energy Systems- Time Extension)

C.15 Ratified Change Order #2 to Kiwitt’s General Building to Agreement #16-274 with Kiwitt’s General Building. (Ratify of Change Order #2 to Kiwitt’s General Building)

C.16 Declared the listed surplus property obsolete and approved its sale and/or disposal, as permitted by California Education Code §17546. (Disposal of Surplus Personal Property)

C.17 Approved Personnel Actions:
ANNUAL TEACHER ASSIGNMENT REPORT PURSUANT TO EDUCATION CODE 44258.9 (a)
Education Code 44256 (b); Allows the holder of a multiple subject or standard elementary teaching credential to teach any subject in departmentalized classes with 12 semester units, or 6 upper division units, in the subject to be taught.
CERTIFICATED PERSONNEL ACTIONS:
➤ Michael Hunt Math/Frank (Approval of Personnel Actions)

C.15 Personnel Action: (Personnel Actions)

The following certificated individuals to be employed in the capacities and for the terms indicated, their salaries to be determined in accordance with salary regulations of the District. (CERTIFICATED)

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>NEW HIRES</u>		
Alvarez, Lyndsi	Teacher	August 14, 2017

Amstutz, Kristina	Teacher	August 14, 2017
Anderson, Chantel	Principal, Fremont	August 14, 2017
Burke, Traford	SPED Teacher	August 14, 2017
Casperson, Serey	ELA Teacher, Fremont	August 14, 2017
Dominguez, Diana	Teacher, Kamala	August 14, 2017
Garcia Pintor, Belinda	Teacher, McKinna	August 14, 2017
Hananel, Alberto	Teacher, Soria	August 14, 2017
Handley, Carlen	Science Teacher, Haydock	August 14, 2017
Hayashi, Elizabeth	Psychologist	August 14, 2017

RESIGNATION

Behshid, Sima	TOSA, Sierra Linda	June 16, 2017
Freeman, Mark	Psychologist	June 16, 2017
Kutcher, Erin	Teacher, Curren	June 16, 2017
Shandy, Kimberly	Teacher, Fremont	June 16, 2017

The following classified individuals to be employed in the capacities and for the terms indicated, their salaries to be determined in accordance with salary regulations of the district, it being understood that substitute classified personnel and regular classified personnel performing substitute duties will be assigned by the administration and paid in accordance with salary regulations governing the specific assignment:

(CLASSIFIED)

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>New Hire</u>		
Gardner, Stephen	Bus Driver, Position #1453 Transportation 6.0 hrs./183 days	08/14/2017
Humphrey, Jamie	Paraeducator II, Position #2260 Special Education 5.75 hrs./183 days	08/14/2017
Leizerovich, Elise	School Occupational Therapist, Position #7936 Special Education 8.0 hrs./203 days	07/13/2017
<u>Limited Term</u>		
Bernal, Lucy	Paraeducator	06/29/2017
Corona, Martha	Clerical	07/24/2017
Crockett, Amanda	Paraeducator	07/25/2017
Gamino, Celeste	Paraeducator	07/31/2017
Gomez, Maribel	Paraeducator	07/07/2017
Palomares Garcia, Jazmin	Paraeducator	08/07/2017
Reyes, Julia	Auditor	07/01/2017
Richard, Nancy McCarroll	Auditor	08/01/2017
Saragosa, Elizabeth	Paraeducator	08/03/2017
<u>Promotion</u>		
Limon, Giselle	Paraeducator II, Position #1805	08/14/2017

Special Education 5.75 hrs./183 days
 Paraeducator I (B), Position #7280
 Haydock 5.0 hrs./183 days

Transfer

Mendoza, Alejandro Paraeducator I, Position #7731 08/14/2017
 McAuliffe 5.75 hrs./183 days
 Paraeducator I, Position #7180
 Marina West 4.10 hrs./183 days

Add Bilingual Stipend

Valles, Alejandro Accounting Specialist III, Position #1810 08/01/2017
 Budget & Finance 8.0 hrs./246 days

Reinstatement

Aguirre Cayeros, Carmina Paraeducator II, Position #7343 08/14/2017
 Special Education 5.75 hrs./183 days

Return from Unpaid Leave of
 Absence

Garcia, Maricarmen Office Assistant II, Position #631 08/01/2017
 Driffill 8.0 hrs./183 days

Unpaid Leave of Absence

Dahm, Amy School Office Manager, Position #8145 10/03/2017-
 McAuliffe 8.0 hrs./210 days 10/31/2017

Resignation

Banales, Lizbeth Paraeducator II, Position #2750 08/11/2017
 Special Education 5.0 hrs./183 days

Leon, Sandra Family Liaison, Position #2433 08/01/2017
 Sierra Linda 6.0 hrs./180 days

Resendiz, Monica Child Nutrition Worker, Position #2160 08/15/2017
 Harrington 5.0 hrs./185 days

D.1 On motion by Trustee Robles-Solis, seconded by Trustee O’Leary and carried on a roll call vote of 5-0, the Board of Trustees adopted Resolution #17-08. Authorization to Purchase Property, an approximately 25-acre portion of the Borchard Property, as described and upon the terms and conditions set forth in the Agreement for Purchase and Sale of Real Property and Joint Escrow Instructions, Water Service Agreement, and Mitigation Agreement. The purchase price of the land is \$8,750,000.00. Revised attachments: Agreements for purchase and sale of Real State and joint escrow; water service agreement and mitigation agreement.

CONSIDERATION
 ADOPTED OF
 RESOLUTION #17-08
 AND AUTHORIZATION
 TO PURCHASE
 PROPERTY
 (Motion#17-09)

F.1 The Board of Trustees reviewed the new and revised Board Policies, Administrative Regulations and Bylaws, listed below, for a second reading and adoption, as presented.

Revision BP/AR 3513.3	Business and Non-instructional Operations TOBACCO-FREE SCHOOLS	Penanhoat
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F.2 On motion by Trustee O’Leary, seconded by Trustee Madrigal Lopez and carried on a roll call vote of 5-0; the Board of Trustees reviewed the revised Board Policies, Administrative Regulations and Bylaws, listed below, for a second reading and adopted, as presented.

SECOND READING OF
BOARD POLICIES,
REGULATIONS AND
BYLAWS
(Motion#17-10)

Revision AR 4112	Certificated Personnel APPOINTMENT AND CONDITIONS OF EMPLOYMENT	Vaca
NEW E 4112.9 E4212.9 E4312.9	All Personnel EMPLOYEE NOTIFICATIONS	Vaca
Revision BP 4112.21	Certificated Personnel INTERNS	Vaca
Revision AR 4112.23	Certificated Personnel SPECIAL EDUCATION STAFF	Vaca
NEW AR 4217.11	Classified Personnel PRERETIREMENT PART-TIME EMPLOYMENT	Vaca
BP 5111	Students ADMISSION	Freeman/Ridge
BP/AR 5111.1	Students DISTRICT RESIDENCY	Freeman/Ridge
BP/AR 5141.21	Students ADMINISTERING MEDICATION AND MONITORING HEALTH CONDITIONS	Freeman
BP/AR 5141.52	Students SUICIDE PREVENTION	Freeman
Revision BP & AR 6174	Instruction EDUCATION FOR ENGLISH LANGUAGE LEARNERS	Freeman

G.1 Superintendent Announcement:

SUPERINTENDENT
ANNOUNCEMENTS

Dr. Cesar Morales:

- Welcomed 18,000 (Pre-8) students to 2017-2018 school year. Welcomed back teachers, support staff and administrators.
- Professional development/Training during summer.
- Thanked the teachers for attending training during the summer and investing in themselves & students. We are launching ourselves for a great year!
- Congratulated the team.
- Reported that received an invitation from NPR radio, to be part of a panel, on the State of Education, in Santa Barbara, on early September. He indicated he will be the Superintendent representing Ventura: State of Education in S.B. early Sept.

G.2 Trustees Announcements:

TRUSTEES
ANNOUNCEMENTS

Ms. Madrigal Lopez

- Welcome back everyone to school.
- Host 4 after school programs
- Attended the Summer school program at CLU for a day. Great experience for the children, Sierra Linda, Brekke & Harrington. They were able to sit in classes, do different activities and visit sport fields.
- Asked if there are teachers available to tutor students, families in conversation with teacher. Community Resources, Outreach Coordinator at site.

Mr. Denis O'Leary:

- Welcomed everyone to the new school year. Students are ready and excited
- Congratulated Certified, Classified and Administrators we have good people.
- Big moment to secure the property at Seabridge, very proud employees & volunteers. Expressed that we are here to help the kids.

Mr. Ernest Morrison:

- Expressed that Seabridge is going to happen. Wished a good year to all students & staff. Looking forward to a new year. Feeling like they had fun at school.

Mrs. Debra M. Cordes:

- Welcomed back- Teachers, Classified and Administration. Welcome to all new Administrators. Every day we do our best we can. Would this be acceptable for your own children? Treat people children the way you would treat your own.
- Expressed that the community/we are a family. Every year is good, every year we get better.
- Asked the parents to talk to your kids' teacher, we are here to serve your kids.
- Thanked Trustee Madrigal for receiving the kids at CLU.

Mrs. Veronica Robles-Solis:

- Excited to see the teachers, students & classroom.
- Positive tone, good school year, good feedback about the water systems at school sites. Asked if they are installed.
- Thanked for everyone involved in the purchase of the land, big milestone to purchase land.

Trustees reconvened to closed session at until 8:02 approximately.

CLOSED SESSION

President Morrison reported actions during closed session:

REPORT OF
SECOND PORTION
OF CLOSED
SESSION
(CASE #OAH
2017020645)
(Motion#17-11)

On motion by Trustee O'Leary, seconded by Trustee Robles-Solis and carried on a roll call vote of 5-0; on the matter of Case #OAH 2017020645 the Board of Trustees approved administrations recommendation.

There being no further business, on motion by Trustee Robles Solis, seconded by Trustee , President Morrison adjourned the meeting at 8:02 p.m. ADJOURNMENT

Respectfully Submitted,
DR. CESAR MORALES

District Superintendent and
Secretary to the Board of Trustees

By our signature below, given on this _____ day of _____, 20____, the Governing Board of the Oxnard School District approves the Minutes of the Regular Board meeting of August 24, 2016; on motion of Trustee _____, seconded by Trustee _____.

Signed:

President of the Board of Trustees

Clerk of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Special Board Meeting
August 30, 2017

The Board of Trustees of Oxnard School District met in special session on Wednesday, August 30, 2017 in the Board Room of the Educational Services. The meeting was called to order at 5:06 p.m. by President Ernest “Mo” Morrison. CALL TO ORDER

President Morrison led the Pledge of Allegiance. PLEDGE OF ALLEGIANCE

Present were President Ernest “Mo” Morrison, Trustees Debra Cordes, Denis O’Leary, Veronica Robles-Solis, Monica Madrigal Lopez. Also present was Dr. Cesar Morales, Deputy Superintendent Janet Penanhoat, Dr. Jesus Vaca and Robin I. Freeman. ROLL CALL

On motion of Trustee Robles-Solis seconded by Trustee Cordes and carried on a roll call vote of 5-0; the agenda was adopted, as presented. ADOPTION OF AGENDA

No one addressed the Board during closed session public comment. PUBLIC COMMENT

ANNOUNCEMENTS PRIOR TO CLOSED SESSION August 30, 2017:

After any public comments on the Closed Session agenda items, the Board will be recessing to Closed Session to consider the following:

Under *Government Code*, Section 54957 and Section 44943 of the *Education Code* the Board will consider personnel matters, including:

- Public Employee Evaluation:
 - District Superintendent

The Board of Trustees Cabinet reviewed current goals and objectives. BOARD GOVERNANCE PLANNING SESSION

Trustees convened to closed session to discuss items on the closed session agenda. CLOSED SESSION

President Morrison reported the Board took no reportable action during closed session. REPORT ON CLOSED SESSION

There being no further business, on motion by Trustee Cordes seconded by Trustee Robles-Solis and carried on a roll call vote of 4-0, with Trustee O’Leary absent (left early). President Morrison adjourned the meeting at 8:29 p.m. ADJOURNMENT

Respectfully submitted,
Dr. Cesar Morales
District Superintendent and
Secretary to the Board of Trustees

By our signatures below, given on this _____ day of _____, 20____, the Governing Board of the Oxnard School District approves the Minutes of its Special Board Meeting Of December 14, 2016; on motion of Trustee _____, and seconded by Trustee _____.

Signed:

President of the Board of Trustees

Clerk of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Regular Board Meeting
September 6, 2017

The Board of Trustees of the Oxnard School District met in regular session at 5:03 p.m. on Wednesday, September 6, 2017, at the Educational Service Center.

CALL TO ORDER

A roll call of the Board was conducted. Present were President Ernest “Mo” Morrison and Trustees, Debra M. Cordes, Denis O’Leary, Mónica Madrigal Lopez and Veronica Robles-Solis. Staff members present were District Superintendent Dr. Cesar Morales, Deputy Superintendent Janet Penanhoat and Assistant Superintendents Robin Freeman and Dr. Jesus Vaca, and executive assistant Rose Chaparro.

ROLL CALL

Mr. Derek Olson, Assistant Principal at Chavez school introduced Idaly Banderas, 8th grader in Mr. Thomas Gonzalez’ class, who led the audience in the Pledge of Allegiance.

PLEDGE OF ALLEGIANCE

Fher Ayala, 6th grader in Ms. Laurie Seiler and Ms. Heidi Johnson’s class, read the District’s Vision and Mission Statements in English; Genesis Salazar, 5th grader in Mr. German Figueroa’s class, read them in Spanish.

DISTRICT’S VISION AND MISSION STATEMENTS

A.4 On motion by Trustee Cordes, seconded by Trustee Robles-Solis and carried on a roll call vote of 5-0; the Board adopted the agenda, as presented.

ADOPTION OF THE AGENDA

A.5 Mr. Jeremy Kogan, Mr. Emilo Flores and Mr. Greg Norton from CFW gave an update on the State Aid Program.

STUDY SESSION STATE AID PRESENTATION BY CFW

A.6 Presentation about the Oxnard School District Teacher Pathway Program (OSDTPP). Dr. Vaca gave a presentation regarding the OSDTPP, the objectives, the need of the program and its goal to recruit and support classified staff to become exemplary credentialed teachers in the Oxnard School District.

STUDY SESSION OXNARD SCHOOL DISTRICT TEACHER PATHWAY PROGRAM

ANNOUNCEMENTS PRIOR TO CLOSED SESSION SEPTEMBER 6, 2017:

After any public comments on the Closed Session agenda items, the Board will be recessing to Closed Session to consider the following:

No public comments.

PUBLIC COMMENT CLOSED SESSION

Firstly, for CONFERENCE WITH LEGAL COUNSEL under *Government Code*, Section 54956.9:

- ANTICIPATED LITIGATION – one (1) case
- EXISTING LITIGATIONS: three (3 cases)

- Office of Administrative Services Case No: OAH 2016091112, OAH 2016100074 and OAH 2017010078.

Secondly, REMOVAL/SUSPENSION/EXPULSION OF STUDENTS (Education Code 48916)

- None.

Thirdly, for CONFERENCE WITH LABOR NEGOTIATORS under *Government Code*, Sections 54957.6 and 3549.1.

The District negotiator is the Assistant Superintendent, Human Resources & Support Services, and Garcia Hernandez & Sawney, LLP Associations OEA, OSSA, CSEA; and all unrepresented personnel – administrators, classified management, confidential.

Fourthly, for CONFERENCE WITH REAL PROPERTY NEGOTIATORS under *Government Code*, Section 54956.8:

- Property: Parcel located on Teal Club Road, North of Teal Club Road, South of Doris Avenue; Agency Negotiators: Superintendent/Deputy Superintendent, Business & Fiscal Services/Garcia Hernandez & Sawhney, LLP/Caldwell Flores Winters, Inc. Negotiating Parties: Dennis Hardgrave on behalf of the property owners

Finally, under *Government Code*, Section 54957 and *Education Code*, Section 44943:

- PUBLIC EMPLOYEE(S) DISCIPLINE/DISMISSAL/RELEASE
- PUBLIC EMPLOYEE(S) REASSIGNMENT/APPOINTMENT
- PUBLIC EMPLOYEE(S) EVALUATION: Principals

Trustees convened to closed session at 6:21 p.m. until approximately 7:08 p.m. to discuss items on the closed session agenda.

CLOSED SESSION

President Morrison reported the Board took the following action during closed session:

REPORT ON CLOSED SESSION

- On motion by Trustee Robles-Solis, seconded by Trustee O’Leary and carried on a roll call vote of 3-0 approving settlement agreements in the following OAH cases: 2016091112, 2016100074 and 2017010078.

(Motion# 17-12)

B.1 Trustee Cordes read the rules for individual presentations in English and in Spanish.

RULES FOR PRESENTATIONS

The following addressed the Board of Trustees during closed session public comment:

PUBLIC COMMENT

Mr. Ramón Ortiz representing some of the farm workers parents. They would like migrant children to have some help with their homework.

Mr. David Cruz representing Latin Small Business Association. Commented on the school ranking in California. Asked for transparency and self-determination of ELAC.

The following items on the consent agenda were approved on motion by Trustee O’Leary, seconded by Trustee Robles-Solis, and carried on a roll call vote of 4-0, as amended.

CONSENT AGENDA
(Motion #17-13)

C.1 Accepted the following gifts:

(Acceptance of Gifts)

- From Soria School PTA a donation of tables for the student nutrition area, valued at over \$5,000.00.

C.2 Approved the following agreements:

(Approval of Agreements)

Academic:

- #17-123 The Math Learning Center to provide a professional development workshop “Number Corner Getting Started Gr. K-5” to DLI staff on September 18-19, 2017, amount not to exceed \$4,600.00, to be paid from Title 1 Funds.
- #17-124 Ventura County Office of Education, Early Childhood Education Programs Department to provide training to Oxnard School District staff. The purpose is to guide classroom instruction and support staff in the implementation of practical instructional strategies, grounded in the CA Early Learning and Development System using the tools of the CA Quality Rating Improvement System to support best practices, from September 7, 2017 through June 30, 2018, amount not to exceed \$66,514.00, to be paid from Title I Funds.
- #17-134 Mouse California to provide an online technology club curriculum and professional development for the after school staff implementing the program with participating students at all 20 schools in the Oxnard School District, from September 7, 2017 through June 30, 2018, amount not to exceed \$42,390.00, to be paid from ASES Grant Funds.

Enrichment:

- #17-135 Art Trek Inc. to provide lessons and activities during after school hours for students attending the K-8 schools, and the three (3) middle schools during the 2017-18 school year, amount not to exceed \$36,000.00, to be paid from Unrestricted General Funds.
- #17-136 Mad Science of Los Angeles will offer enrichment activities for students at schools in the Oxnard School District. Mad Science of Los Angeles offers hands-on activities that help students understand and retain the science standards they are expected to learn for the statewide testing. Amount not to exceed \$75,000.00, to be paid from Unrestricted General Funds (Additional classes may be added and will be charged at a rate not to exceed \$375 per workshop completed at each school site).
- #17-138 Art Trek Inc. to provide art activities for the children of parents attending Oxnard School District’s Strengthening Our Families event on September 23, 2017. Art Trek Inc. will provide activities within visual arts and dance that are correlated to the event’s theme of wellness. Art Trek Inc. will also provide parent workshops to provide information on “hands on” activities to families regarding the therapeutic value of the arts, amount not to exceed \$3,000.00, to be paid from Title 1 Funds.
- #17-143 Mariana Peirano Royuela “An Artist I Know” is an art appreciation program intended to acquaint elementary students with the world of art. This

program seeks to cultivate awareness and interest, as well as to understand and appreciate art, by exposing children to selected artists and their work. The visiting artist makes presentations on the lives and works of the artists and then guides students through a final art project; amount not to exceed \$10,800.00, to be paid with Donation Funds.

Special Education:

- #17-142 Dr. Oren Boxer, Ph. D., Clinical Neuropsychologist to provide Independent Education Evaluator Services to the Special Education Department during the 2017-18 academic year. To provide complete neuropsychological assessments to include consultation and intake, record review, school observation, assessment, written report, debrief session, and participation in Individualized Education Plan (IEP) meetings if requested; amount not to exceed \$13,000.00, to be paid from Special Education Funds.

C.3 Ratified the following agreements:
Special Education:

(Ratification of
Agreements)

- #17-35 Casa Pacifica School requesting ratification for Non-Public School (NPS) services for Student AS051306, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupil's individual educational plan as specified in the individual service agreement, amount not to exceed \$44,254.40, to be paid from Special Education Funds.
- #17-36 Casa Pacifica School requesting ratification for Non-Public School (NPS) services for Student DM091308, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupil's individual educational plan as specified in the individual service agreement, amount not to exceed \$48,350.36, to be paid from Special Education Funds.
- #17-37 Casa Pacifica School requesting ratification for Non-Public School (NPS) services for Student JF081705, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupil's individual educational plan as specified in the individual service agreement, amount not to exceed \$44,254.40, to be paid from Special Education Funds.
- #17-105 Assistance League, Non-Public School, NPS requesting approval for ratification for Non-Public School (NPS) services for Students: AG042413, AM082113, EV120612, AH082913, LS060314, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupils' individual educational plan as specified in the individual service agreement, amount not to exceed \$46,750.00, to be paid from Special Education Funds.
- #17-110 Teaching Learning Creating, Plus (TLC+), requesting approval for ratification of Non-Public School (NPS) services for student NC072504, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupil's individual educational plan as specified in the individual service agreement, amount not to exceed \$37,488.00, to be paid from Special Education Funds.
- #17-111 Teaching Learning Creating, Plus (TLC+), requesting approval for ratification of Non-Public School (NPS) services for student JG052605, for the 2017-18 school year, including Extended School Year. The Non-Public School will provide a program of instruction which is consistent with the pupil's individual educational plan as specified in the individual service agreement, amount not to exceed \$39,993.00, to be paid from Special Education Funds.
- #17-120 Endtest Pro Psychology Inc., requesting approval for Mandy Stern, Ed.M., Licensed Educational Psychologist with Endtest Pro Psychology Inc., to provide Independent Education Evaluator Services to the Special Education Services Department during the 2017-18 school year to complete psychoeducational evaluations on due process claims, amount not to exceed \$30,000.00, to be paid from Special Education Funds.
- #17-121 Behavior Insights Inc. to provide consultant services to include behavior intervention and programming; behavior analysis; train, support, and expand current behavior specialist; and assist in required BCBA duties; for the Oxnard School District, Special Education Services, during the 2017-18 academic school year, amount not to exceed \$100,000.00, to be paid from Special Education Funds.
- #17-122 MyTherapyCompany, LLC to provide supplemental staffing including Speech Language Pathologist, Speech Language Pathologist Assistant, Occupational Therapist and School Psychologist, to the Oxnard School District

on an “as needed” basis, amount not to exceed \$30,000.00, to be paid from Special Education Funds.

- #17-125 Ventura County Office of Education Special Circumstances Paraeducator Services (SCP). Requesting approval to ratify the service agreements with Ventura County Office of Education (VCOE) for the 2017-18 school year, to provide exceptional services to special education students: OL083008, AA120506, GG111603, JS010805, RS052408, AD091102, MG021504, and VV030307. Consisting of support from Special Circumstances Paraeducators (SCP’s), including Extended School Year, amount not to exceed \$214,554.12, to be paid from Special Education Funds.
- #17-128 B.J. Freeman, Ph.D., to provide Independent Education Evaluator Services to the Special Education Department during the 2017-18 academic school year. The consultant will provide complete evaluations including diagnostic assessment, cognitive measures, review of records and previous assessments, contact with school providers and written reports for children with autism; amount not to exceed \$20,000.00, to be paid with Special Education Funds.
- #17-130 Carren J. Stika, Ph.D., requesting approval for ratification for Carren J. Stika, Ph.D., Licensed Clinical Psychologist, to provide Independent Education Evaluator Services to the Special Education Services Department during the 2017-18 academic school year. The consultant will provide a complete psychoeducational evaluation as well as “attend” regular IEP’s via phone on due process claims, amount not to exceed \$24,000.00, to be paid from Special Education Funds.
- #17-131 Karen Schnee to provide Independent Education Evaluator Services to the Special Education Services Department during the 2017-18 academic school year to complete evaluations; amount not to exceed \$30,000.00, to be paid with Special Education Funds.
- #17-132 Children’s Therapy Network Inc. to provide supplemental staffing to the Oxnard School District on an “as needed” basis. Children’s Therapy Network Inc. will be responsible for payment of each of their service provider’s wages and insurance, including worker’s compensation and general liability. Oxnard School District will provide all orientation, support, facilities, and training for service providers. Children’s Therapy Network will provide the following supplemental staffing/services upon request: Speech Language Therapist, Physical Therapist, Occupational Therapist, Recreational Services Licensed Assistant, and Evaluations/Assessments; amount not to exceed \$60,000.00, to be paid with Special Education Funds.
- #17-137 Dr. David Gilbertson, Ph.D., Licensed Educational Psychologist, to provide Independent Education Evaluator Services to the Special Education Services Department during the 2017-18 academic school year to complete comprehensive independent educational evaluations; amount not to exceed \$33,000.00, to be paid with Special Education Funds.
- #17-140 VCOE Hearing Conservation & Audiology Services through coordination with district nursing staff, to conduct hearing screenings for Oxnard School District Special Education students for the 2017-2018 school year. Hearing screening are mandated in grades K, 2, 5, and 8. VCOE Hearing Conservation & Audiology Services will follow-up and inform nurses, teachers, and other team members about hearing concerns and strategies to help link families to services; amount not to exceed \$75,000.00, to be paid with Special Education Funds.

- #17-141 Hollywood Vision Center Optometry, Inc. to provide Independent Education Evaluator Services to the Special Education Services Department during the 2017-18 academic school year to complete vision evaluations; amount not to exceed \$20,000.00, to be paid with Special Education Funds.

Support Services:

- #17-126 County of Ventura approval to ratify agreement to provide social workers which have been placed in communities identified by the County of Ventura census data as having the highest rates of referrals and cases for abuse and neglect. The programs that are being provided are preventative in nature and help support parents on issues relating to attendance and behavior. In addition, these Social Workers serve on the district’s SARB Board, supporting the entire district; amount not to exceed \$101,647.00, to be paid with MAA Funds.
- #17-127 VCOE Hearing Conservation & Audiology Services through coordination with district nursing staff, to conduct hearing screenings for Oxnard School District students for the 2017-2018 school year. Hearing screening are mandated in grades K, 2, 5, and 8. VCOE Hearing Conservation & Audiology Services will follow-up and inform nurses, teachers, and other team members about hearing concerns and strategies to help link families to services; amount not to exceed \$74,900.00, to be paid with General Funds.
- #17-129 County of Ventura/Ventura County Behavioral Health approval to ratify agreement/MOU to maintain a provision of services relationship between the County of Ventura/Ventura County Behavioral Health (VCBH) and Oxnard School District (OSD). VCBH will work in partnership with OSD to provide community outreach at targeted school sites. VCBH will offer parent workshops and meet individually with OSD families to facilitate early identification and treatment with behavioral health services. VCBH will work in concert with school site staff to ensure proper delivery of VCBH services to OSD families.
- #17-133 Key Data Systems to provide CELDT Pre-ID services to include data cleaning, data validation, and proofing and file submission to CELDT portal for the 2017-2018 school year; amount not to exceed \$2,000.00, to be paid with General Funds.

C.4 Approved the date of October 4, 2017 for a Public Hearing to determine the sufficiency of textbooks or instructional materials. This Public Hearing is being held in compliance with Education Code Section 60119 (as revised by Chapter 118, Statutes of 2005 and CCR, Title 5, Section 9531). In accordance with State Law, Notice of Public Hearing will be posted from September 7, 2017. (Approval of notice to set public hearing to determine sufficient textbooks or instructional materials for 2017-2018)

C.5 Approved as outlined. Fiscal Impact: None – Cost of meals, travel and lodging will be covered by Ventura County Office of Education – Friday Night Live (FNL) Grant. (Approval to attend the overnight 2017 Friday night live Youth Summit)

C.6 Approved Work Authorization Letter (WAL) #7 to Master Agreement #13-126 with MNS Engineers Inc. MNS Engineers is being tasked with providing Topographical Survey Services for the Kindergarten/Flex Facilities Projects at McAuliffe, Ritchen, Brekke and Ramona Elementary Schools; for a lump sum fixed fee of \$39,835.00; to be paid out of the Master Construct and Implementation Funds. (Approval of work authorization letter (wal) #7 to MNS engineers to provide topographical survey services for the four kindergarten/flex facilities projects for the McAuliffe, Ritchen,

Brekke and Ramona elementary schools)

- C.8 Approved WAL #9 for Master Agreement #13-122 with Earth Systems. Earth Systems is being tasked with providing Geotechnical Engineering Services and to produce a geotechnical report for the four sites; for a lump sum fixed fee of \$34,400.00; to be paid out of the Master Construct and Implementation Funds. (Approval of work authorization letter (WAL) #9 to earth systems southern California to provide geotechnical engineering services for the four kinder/flex facilities projects)
- C.9 Ratified the utilization of piggyback bids for purchasing products and services, as presented. Fiscal Impact: Any fees incurred will be charged to end user's budget. (Ratification to allow purchasing to utilize piggyback bids for goods and services throughout fiscal year 2017/2018)
- C.10 Information on the proposed purchase order amount related to modular construction services for the Kindergarten Flex Classroom Project at Brekke Elementary School. It is anticipated as \$820,744.87 per Master Construct and Implementation Program Budget approved at the Board meeting of August 2, 2017, with guaranteed cost through Piggyback Contract #14/15-3 with the Chula Vista Elementary School District. No fiscal impact – informational only. (Informational Item Regarding Piggyback Purchase Order with Silver Creek for Modular Construction Services for the Brekke Kindergarten Flex Classroom Project)
- C.11 Information on the proposed purchase order amount related to modular construction services for the Kindergarten Flex Classroom Project at McAuliffe Elementary School. It is anticipated as \$820,744.87 per Master Construct and Implementation Program Budget approved at the Board meeting of August 2, 2017, with guaranteed cost through Piggyback Contract #14/15-3 with the Chula Vista Elementary School District. No fiscal impact – informational only. (Informational Item Regarding Piggyback Purchase Order with Silver Creek for Modular Construction Services for the McAuliffe Kindergarten Flex Classroom Project)
- C.12 Information on the proposed purchase order amount related to modular construction services for the Kindergarten Flex Classroom Project at Ramona Elementary School is anticipated as \$820,744.87 per Master Construct and Implementation Program Budget approved at the Board meeting of August 2, 2017, with guaranteed cost through Piggyback Contract #14/15-3 with the Chula Vista Elementary School District. No fiscal impact – informational only. (Informational Item Regarding Piggyback Purchase Order with Silver Creek for Modular Construction Services for the Ramona Kindergarten Flex Classroom Project)
- C.13 Information on the proposed purchase order amount related to modular construction services for the Kindergarten Flex Classroom Project at Ritche Elementary School is anticipated as \$820,744.87 per Master Construct and Implementation Program Budget approved at the Board meeting of August 2, 2017, (Informational Item Regarding Piggyback Purchase Order with Silver Creek for Modular Construction Services for

with guaranteed cost through Piggyback Contract #14/15-3 with the Chula Vista Elementary School District. No fiscal impact – informational only. the Ritchen Kindergarten Flex Classroom Project)

C.14 Approved the establishment, abolishment, increase, and reduction of positions, as presented. (Establish/Abolish/Increase/Reduce Hours of Position)

C15. Personnel Actions: (Personnel Actions)

The following certificated individuals to be employed in the capacities and for the terms indicated, their salaries to be determined in accordance with salary regulations of the District. (CERTIFICATED)

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>New Hires</u>		
Burrow Rachel	Teacher, Curren	August 18, 2017
Cox, Jesse	Teacher, SPED M/M, Curren	August 14, 2017
Garcia, María Isabel	Behavior Specialist	September 11, 2017
Handley, Carlen	Teacher, Science, Haydock	August 14, 2017
Johnson Alison	Teacher, SPED M/M Sierra Linda	August 14, 2017
Lopez, Arturo	Teacher, Harrington	August 18, 2017
Maeshiro, Ashley	Teacher RSP, Frank	August 14, 2017
Mazaherian, Mónica	Teacher, Science, Freemont	August 18, 2017
Mendez, María	DHH, Itinerant, Marshall	August 14, 2017
Mendoza, Lidia	Teacher, Rose Avenue	August 14, 2017
Rivas Jennifer	Teacher, Curren	August 14, 2017
Sanchez-Hernandez, Rachel	Teacher, SPED M/M, Drifill	August 14, 2017
Smith, Erica	Teacher ELA, Lemonwood	August 14, 2017
Tiffany, June	Teacher, Richten	August 14, 2017

Intervention Services
Provider (Less than 20 hours
per week not to exceed 75%
or 135 days a year)

Mosby, Jovan	Frank	August 21, 2017
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Promotions

Maden, Katrina	Manager, Special Education	August 4, 2017
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The following classified individuals to be employed in the capacities and (CLASSIFIED)

for the terms indicated, their salaries to be determined in accordance with salary regulations of the district. Personnel actions include new hires, transfers, pay changes, layoffs, recall from layoffs, resignations, retirements, authorizations and leave of absence:

<u>Name</u>	<u>Position</u>	<u>Effective Date</u>
<u>New Hire</u>		
DeLeón, Orlando,	Facilities Project and Sustainability/Energy Manager, Position # 1453 Facilities 8.0 hrs./246 days	08/21/2017
Sepulveda, Yvonne	Paraeducator III, Position #7509 Special Education 5.75 hrs./183 days	08/16/2017
Resendiz, Ariana	Preschool Assistant (B), Position #2147 Sierra Linda 3.00 hrs./183 days	08/14/2017
Smith, Ashley	Paraeducator II, Position #8083 Special Education 5.75 hrs./183 days	08/15/2017
Vailea, Raquel	Paraeducator II, Position #7947 Special Education 5.75 hrs./183 days	08/15/2017
<u>Limited Term</u>		
Resendiz, Ariana	Paraeducator	08/11/2017
Sebastian, Ricardo	Paraeducator	08/14/2017
Sepulveda, Yvonne	Paraeducator	08/14/2017
<u>Return from Unpaid Leave of Absence</u>		
Bruce, Elizabeth	Paraeducator III, Position#1242 Special Education 5.75 hrs./183 days	06/16/2017
Flores, Janet	Instructional Assistant (B), Position #2243 Frank 5.5 hrs./183 days	08/14/2017
<u>Unpaid Leave of Absence</u>		
Barragán, Imelda	Paraeducator III, Position #2194 Lemonwood 5.5 hrs./183 days	08/14/2017-08/14/2018
Rivera, Winnie	Health Care Technician, Position #2944 Pupil Services 7.0 hrs./183 days	08/16/2017-08/17/2018
<u>Resignation</u>		
De Lira, Gloria	Paraeducator I (B), Position #7821 Lemonwood 5.5 hrs./183 days	08/18/2017
Fimbres, Jeanette	Preschool Assistant (B), Position #998 Driffill 3.0 hrs./183 days	08/26/2017
Covarrubias, Bianca	Paraeducator I, Position #7186 McKinna 4.16 hrs./185 days	08/11/2017
Perez, Laura	Paraeducator II, Position #966 Special Education 5.75 hrs./183 days	08/25/2017

D.1 On motion by Trustee O’Leary, seconded by Trustee Robles Solis and carried on a roll call vote of 5-0; the Board of Trustees rejected the Bid Protest submitted by The Nazerian Group; and (2) award Bid #17-01 Harrington Early Child Development Center, in the total amount of \$1,952,000.00, and enter into Agreement #17-139 with Ardalan Construction Company Inc.

(Rejection of Bid Protest, Award of Formal Bid #17-01 and Approval of Agreement #17-139 for Harrington Early Child Development Center (Motion#17-14)

D.2 On motion by Trustee Robles Solis, seconded by Trustee Cordes and carried on a roll call vote of 4-0, (Trustee O’Leary abstained); the Board of Trustees approved a reimbursement to Rio School District as stipulated by Education Code Section 44987.3

(Reimbursement for Teacher Substitute at Rio School District) Motion# 17-15)

D.3 On motion by Trustee Cordes, seconded by Trustee O’Leary and carried on a roll call vote of 5-0; the Board of Trustees approved the Variable Term Waiver for bilingual authorization for Lidia Mendoza, as presented.

(Approval of the Variable Term Waiver for Bilingual Authorization for Lidia Mendoza, Samantha Johnson and Yocelin Valencia) (Motion# 17-16

F.1 The Board reviewed the following revised Board Policies, Administrative Regulations and Bylaws, as presented, and approve for a first reading:

(First Reading of Board Policies, Regulations and Bylaws)

Revision BP 0460	Philosophy, Goals, Objectives, and Comprehensive Plans LOCAL CONTROL AND ACCOUNTABILITY PLAN	Freeman
Revision BP/AR 1330	Community Relations USE OF SCHOOL FACILITIES	Penanhoat

FIRST READING OF BOARD POLICIES, ADMINISTRATIVE REGULATIONS AND BYLAWS

F.2 On motion by Trustee Cordes, seconded by Trustee Robles Solis and carried on a roll call vote of 5-0; the Board of Trustees review the following revised Board Policies, Administrative Regulations and Bylaws, as presented, and adopted for a second reading.

SECOND READING OF BOARD POLICIES, ADMINSTRATIVE REGULATIONS AND BYLAWS

Revision BP & AR 3513.3	Business and Non-instructional Operations TOBACCO-FREE SCHOOLS	Penanhoat
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(Motion #17-17)

Dr. Cesar Morales:

- Expressed his satisfaction parents’ attendance to the back to school night. Encouraged parents to attend top PTA nights and other events.
- Invited parents to attend the Strengthening Our Families event on September 23.
- Expressed his pride to live in California, where AB540, predecessor of DACA, is uphold.
- Indicated he has notified the staff to be on alert and work with Pupil Services to support families during these times.
- Thanked the staff for their support to this segment of the population.

SUPERINTENDENT ANNOUNCEMENTS

- Indicated that in the OSD all children are respected and valued.

Ms. Monica Madrigal Lopez:

- Expressed her satisfaction when going to the Back to School Night at Chavez and appreciation for all the resources schools provide for parents.
- Indicated is looking forward to the next Back to School Night she is attending at Brekke.
- Reminded that parents must receive responses to their concerns.

TRUSTEE
ANNOUNCEMENTS

Mrs. Veronica Robles-Solis:

- Asked if PIQUE or any other resource will be available for parents at the school sites. Dr. C. Morales responded that the Project2inspire would be available for all 20 schools. The information would come in the transmittal.
- Asked about the electives for K-8 schools during school days. Indicated that apparently 6-8 schools have more electives than K-8 schools.
- She expressed she is looking forward to going to Elm and Haydock the next day for the Back to School Night.

Mr. Denis O’Leary:

- Reported, the previous Friday, he had attended a rally at Plaza Park in Oxnard, to support DACA. He indicated that congressional representative Julie Brown and council member Carmen Ramirez were there.
- Expressed his satisfaction for Oxnard city and the OSD declaration as a safe city and school district. He indicated it is time for DACA students and families to speak up and encouraged people to contact Assembly Representative Jackie Irwin to help approve Assembly Bill 540.
- Agreed to support homework tutorials and hopes homework can be explained in the classroom.
- Indicated stamina needs to be improved at schools so students will be able to compete for future for jobs and success.

Mrs. Debra M. Cordes:

- Reported she attended Back to School Night at Freemont, Chavez and Lemonwood.
- Indicated it is important for parents to be informed about available resources. Encourage parents not to ask for their child in particular at this meeting. There will be other meetings for that purpose.
- Indicated that everyone has to do its part including students, and if intervention is needed, parents need to ask for it. There are intervention opportunities in every school during school hours.
- Encouraged the parents to have their children read every day at least 30 minutes.

Mr. Ernest Morrison:

- Not all schools are the same they have different methodologies but the excitement of the children and parents is the same in every school. Schools will give appointments to parents that want to talk about their children in particular.
- Indicated that once he saw a teacher giving the answers to the test but not the questions and asked students find out the questions. He thought that was a creative way to have them studying. He indicated that education is not about “I caught you” but about learning.
- Everybody has to go in the same direction to succeed.

- Reminded the Board members that the following Wednesday there would be a Special Board Meeting.

There being no further business, on motion by Trustee Cordes, seconded by Trustee Robles-Solis and a vote of 5-0, President Morrison adjourned the meeting at 8:20 p.m. ADJOURNMENT

Respectfully Submitted,
DR. CESAR MORALES

District Superintendent and
Secretary to the Board of Trustees

By our signature below, given on this _____ day of _____, 20____, the Governing Board of the Oxnard School District approves the Minutes of the Regular Board meeting of September 6, 2017; on motion of Trustee _____, seconded by Trustee _____.

Signed:

President of the Board of Trustees

Clerk of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Special Board Meeting
September 13, 2017

The Board of Trustees of Oxnard School District met in special session on Wednesday, September 13, 2017 in the Board Room of the Educational Services. The meeting was called to order at 5:20 p.m. by President Ernest “Mo” Morrison. CALL TO ORDER

President Morrison led the Pledge of Allegiance. PLEDGE OF ALLEGIANCE

Present were President Ernest “Mo” Morrison, Trustees Debra Cordes, Denis O’Leary, Veronica Robles-Solis, Monica Madrigal Lopez. Also present was Dr. Cesar Morales, Deputy Superintendent Janet Penanhoat, Dr. Jesus Vaca and Robin I. Freeman. ROLL CALL

On motion of Trustee Robles-Solis seconded by Trustee Cordes and carried on a roll call vote of 5-0; the agenda was adopted, as presented. ADOPTION OF AGENDA

No one addressed the Board during closed session public comment. PUBLIC COMMENT

ANNOUNCEMENTS PRIOR TO CLOSED SESSION September 13, 2017:

After any public comments on the Closed Session agenda items, the Board will be recessing to Closed Session to consider the following:

Under *Government Code*, Section 54957 and Section 44943 of the *Education Code* the Board will consider personnel matters, including:

- Public Employee Evaluation:
 - District Superintendent

Board Governance Workshop was tabled. BOARD GOVERNANCE PLANNING SESSION

Trustees convened to closed session at 5:24 to discuss items on the closed session agenda. CLOSED SESSION

Trustees reconvened to open session at 8:10

President Morrison reported the Board took no reportable action during closed session. REPORT ON CLOSED SESSION

There being no further business, on motion by Trustee Cordes seconded by Trustee Robles-Solis and carried on a roll call vote of 5-0, President Morrison adjourned the meeting at 8:14 p.m. ADJOURNMENT

Respectfully submitted,
Dr. Cesar Morales
District Superintendent and
Secretary to the Board of Trustees

By our signatures below, given on this _____ day of _____, 20____, the Governing Board of the Oxnard School District approves the Minutes of its Special Board Meeting of September 13, 2017; on motion of Trustee _____, and seconded by Trustee _____.

Signed:

President of the Board of Trustees

Clerk of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

Member of the Board of Trustees

BOARD AGENDA ITEM

Name of Contributor: Janet Penanhoat

Date of Meeting: September 19, 2018

- STUDY SESSION _____
- CLOSED SESSION _____
- SECTION A-1: PRELIMINARY _____
- SECTION A-II: REPORTS _____
- SECTION B: HEARINGS _____
- SECTION C: CONSENT AGENDA _____

Agreement Category:

- _____ Academic
- _____ Enrichment
- _____ Special Education
- _____ Support Services
- _____ Personnel
- _____ Legal
- _____ Facilities

SECTION D: ACTION _____

SECTION F: BOARD POLICIES 1ST Reading _____ X 2nd Reading _____

1st Reading - Revision to E 9270 – Conflict Of Interest (Penanhoat)

As part of the required biennial review of the district’s Conflict of Interest code, E 9270 was revised to include additional designated positions. These changes will be forwarded to the County Clerk of the Board’s office after the revised policy is adopted at second reading.

Added language is indicated by *italicized* font.

FISCAL IMPACT

None.

RECOMMENDATION

None at this time. The revised policy will be presented for second reading and adoption at the October 10, 2018 Board meeting.

ADDITIONAL MATERIAL

Attached: E 9270 (3 pages)

CONFLICT OF INTEREST

**Conflict of Interest Code of the
Oxnard School District**

The provisions of 2 CCR 18730 and any amendments to it adopted by the Fair Political Practices Commission, together with the attached Appendix specifying designated positions and disclosure categories, are incorporated by reference and shall constitute the district's conflict of interest code.

Board of Trustees members and designated employees shall file a Statement of Economic Interest/Form 700 in accordance with the disclosure categories listed in the enclosed Appendix. Persons holding positions designated in the Appendix shall file Form 700 Statements of Economic Interests with the filing officer specified for that position in said Appendix. The respective filing officer shall make the statements available for public review and inspection.

APPENDIX

Disclosure Categories

1. **Category 1:** A person designated Category 1 shall disclose:
 - a. Interests in real property located entirely or partly within district boundaries, or within two miles of district boundaries, or of any land owned or used by the district.
 - b. Investments or business positions in or income from sources which are engaged in the acquisition or disposal of real property within the district, are contractors or subcontractors which are or have been within the past two years engaged in work or services of the type used by the district, or manufacture or sell supplies, books, machinery, or equipment of the type used by the district.

2. **Category 2:** A person designated Category 2 shall disclose:
 - a. Investments or business positions in or income from sources which are contractors or subcontractors engaged in work or services of the type used by the department which the designated person manages or directs.
 - b. Investments or business positions in or income from sources which manufacture or sell supplies, books, machinery, or equipment of the type used by the department which the designated person manages or directs. For the purposes of this category, a principal's department is his/her entire school.

CONFLICT OF INTEREST (continued)

3. **Full Disclosure:** Because it has been determined that the district's Board members and/or Superintendent "manage public investments," they and other persons designated for "full disclosure" shall disclose, in accordance with Government Code 87200:
- a. Interests in real property located entirely or partly within district boundaries, or within two miles of district boundaries, or of any land owned or used by the district.
 - b. Investments, business positions, and sources of income, including gifts, loans, and travel payments.

Designated Positions

<u>Designated Position</u>	<u>Disclosure Category</u>	<u>Filing Officer *</u>
Board of Trustees Members	3	COB
Personnel Commission Members	1	OSD
District Superintendent	3	OSD
Deputy/Assistant Superintendent	1	OSD
Director, Pupil Services	2	OSD
Director, Curriculum, Instruction and Accountability	2	OSD
Director, Dual Language Programs	2	OSD
<i>Director, Special Education</i>	2	<i>OSD</i>
Director, English Learner Services	2	OSD
Principals	2	OSD
Chief Information Officer	2	OSD
Director, Facilities	2	OSD
Director, Classified Human Resources	2	OSD
Director, Certificated Human Resources	2	OSD
Director, Child Nutrition Services	2	OSD
Director, Early Childhood Education Programs	2	OSD
Director, Purchasing	2	OSD
Director, Finance	2	OSD
<i>Director, Transportation</i>	2	<i>OSD</i>
Consultants	2	OSD

*COB = County Clerk of the Board; OSD = Oxnard School District

CONFLICT OF INTEREST (continued)

Disclosures for Consultants

Consultants are designated employees who must disclose financial interests as determined on a case-by-case basis by the Superintendent or designee. The Superintendent or designee's written determination shall include a description of the consultant's duties and a statement of the extent of disclosure requirements based upon that description. All such determinations are public records and shall be retained for public inspection along with this conflict of interest code.

A consultant is an individual who, pursuant to a contract with the district, makes a governmental decision whether to: (2 CCR 18701)

1. Approve a rate, rule, or regulation
2. Adopt or enforce a law
3. Issue, deny, suspend, or revoke a permit, license, application, certificate, approval, order, or similar authorization or entitlement
4. Authorize the district to enter into, modify, or renew a contract that requires district approval
5. Grant district approval to a contract that requires district approval and in which the district is a party, or to the specifications for such a contract
6. Grant district approval to a plan, design, report, study, or similar item
7. Adopt or grant district approval of district policies, standards, or guidelines

A consultant is also an individual who, pursuant to a contract with the district, serves in a staff capacity with the district and in that capacity participates in making a governmental decision as defined in 2 CCR 18702.2 or performs the same or substantially all the same duties for the district that would otherwise be performed by an individual holding a position specified in the district's conflict of interest code. (2 CCR 18701)



OXNARD SCHOOL DISTRICT

1051 South “A” Street • Oxnard, California 93030 • 805/385-1501

SCHEDULE OF BOARD MEETINGS JANUARY – DECEMBER 2018

BOARD MEETINGS WILL BE HELD ON THE FOLLOWING DATES (UNLESS OTHERWISE INDICATED) AT THE DISTRICT OFFICE BOARD ROOM, 1051 SOUTH ‘A’ STREET, STARTING AT 7:00 PM

January	17	Regular Board Meeting (Note: only ONE meeting in January)
February	7	Regular Board Meeting
	21	Regular Board Meeting
March	7	Regular Board Meeting
	21	Regular Board Meeting
April	18	Regular Board Meeting (Note: only ONE meeting in April)
May	2	Regular Board Meeting
	16	Regular Board Meeting
June	6	Regular Board Meeting
	20	Regular Board Meeting
July		District Dark – No meeting in July
August	8	Regular Board Meeting
	22	Regular Board Meeting
September	5	Regular Board Meeting
	19	Regular Board Meeting
October	10	Regular Board Meeting
	24	Regular Board Meeting
November	14	Regular Board Meeting (Note: only ONE meeting in November)
December	12	Regular Board Meeting – Organizational Meeting of the Board (Note: only ONE meeting in December)

The meeting schedule shown above is subject to change at any time.

NOTE: Changes are indicated in italics/bold.

Spring Break: March 26 – April 6, 2018
First Day of School: August 16, 2018

Board Approved: 12-6-17

Mission: “Ensure a culturally diverse education for each student in a safe, healthy and supportive environment that prepares students for college and career opportunities.”