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BEAR CREEK HIGH SCHOOL PAVING PROJECT LODI USD

10555 THORNTON ROAD
STOCKTON, CA 95209

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

HORIZONTAL SCALE:
BENCHMARK NO. 280 ELEV. 14.73
SAN JOAQUIN COUNTY BOLT AND
WASHER MARKING CROSS MONUMENT
"9N-6" ON CENTERLINE OF
THORNTON RD APPROX 2775 FT
S/O EIGHT MILE RD.

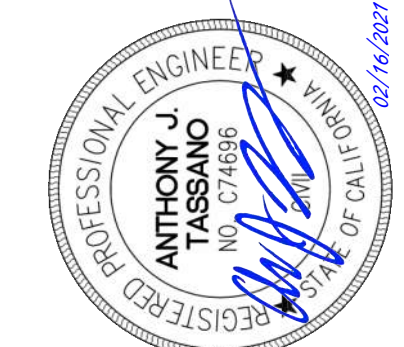
VERTICAL SCALE:
AS NOTED
JOB NO. 20-123

AGENCY APPROVAL
DATE
BY

REVISIONS
DESCRIPTION
NO.

DESIGNED:
AT
DRAWN:
AT
CHECKED:
AT
DATE:
02-17-21

REGISTERED PROFESSIONAL ENGINEER
ANTHONY TASSANO
REGISTERED PROFESSIONAL ENGINEER
VINCE B. DALY
02/16/2021



TITLE:
COVER SHEET

PROJECT:
BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD

LODI UNIFIED SCHOOL DISTRICT
STOCKTON
SAN JOAQUIN COUNTY, CALIFORNIA

C0.0

02-118898

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

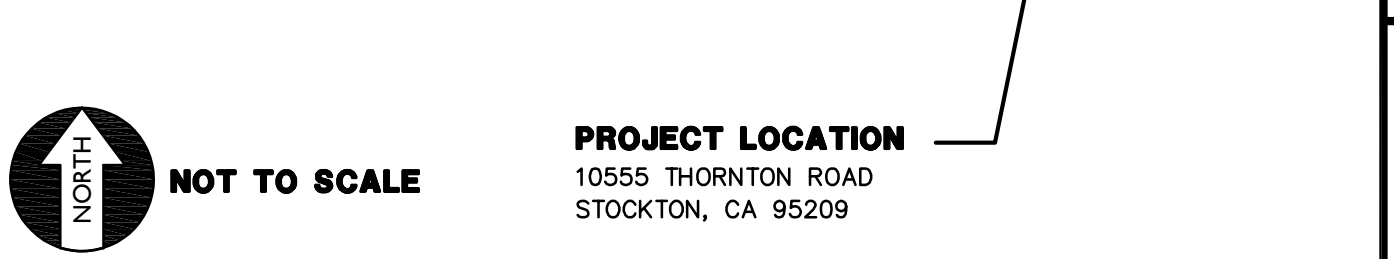
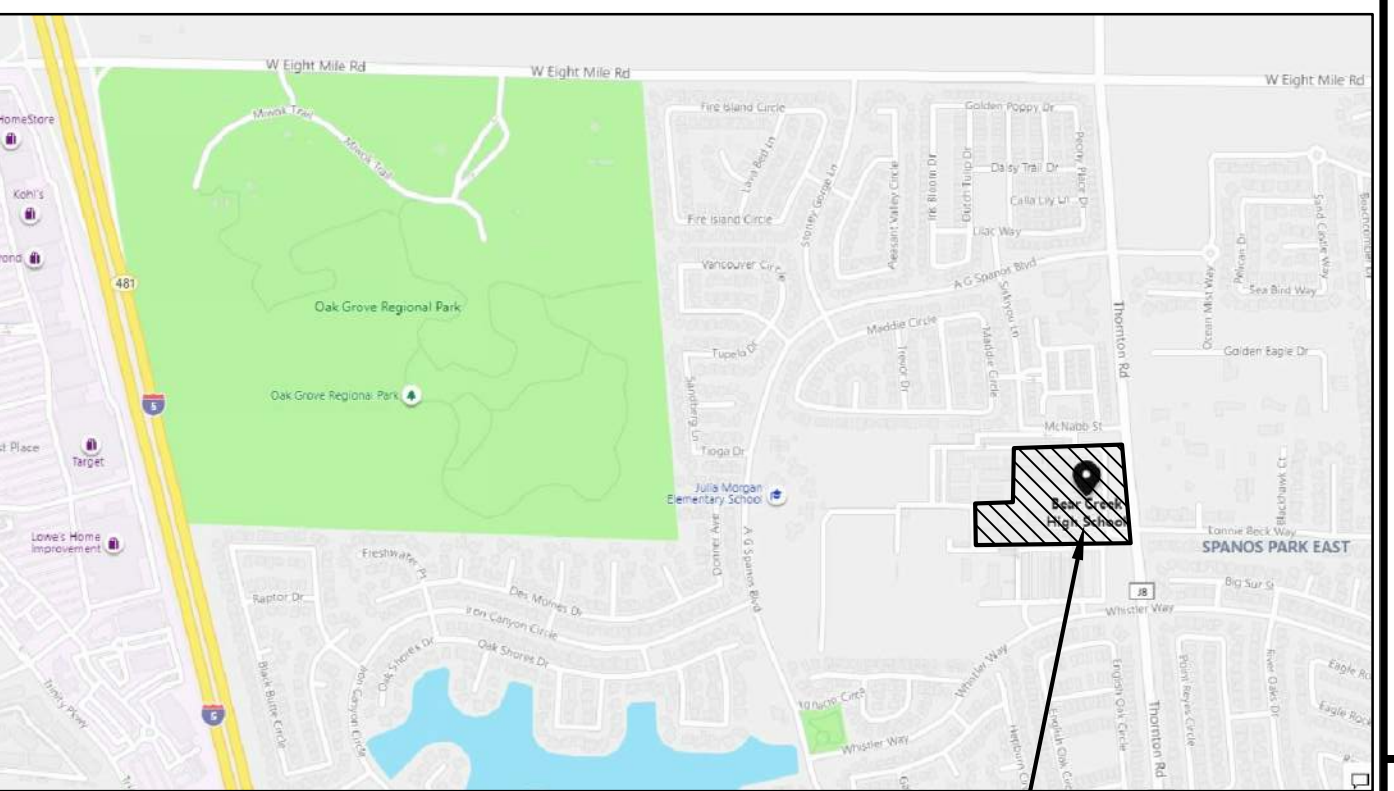
AB	AGGREGATE BASE	JP	JOINT UTILITY POLE
AC	ASPHALTIC CONCRETE	LP	LINEAL FEET
AD	AREA DRAIN	LIP	LIP OF GUTTER
APN	ASSESSOR'S PARCEL NUMBER	LT	LEFT
ARV	AIR RELEASE VALVE	MS	MOWSTRIP
ASB	AGGREGATE SUB-BASE	NTS	NOT TO SCALE
BO	BLOW-OFF VALVE	OH	OVERHEAD
BV	BUTTERFLY VALVE	PCC	PORTLAND CEMENT CONCRETE
BW	BACK OF WALK	PD	PLANTER DRAIN
C/L	CENTERLINE	PIV	POST INDICATOR VALVE
CB	CATCH BASIN	P/L	PROPERTY LINE
CL	CLASS	PP	POWER POLE
CMP	CORRUGATED METAL PIPE	PUE	PUBLIC UTILITY EASEMENT
CATV	CABLE TELEVISION	PVC	POLYVINYL CHLORIDE
CO	CLEANOUT	RCP	REINFORCED CONCRETE PIPE
COMM	COMMUNICATION	r	RADIUS
CONC.	CONCRETE	RM	MANHOLE RIM ELEVATION
CONST.	CONSTRUCT	RP	REDUCED PRESSURE BACKFLOW PREVENTER
OR	CURB RETURN		
CS	CONCRETE SURFACE	RW	RIGHT OF WAY
DC	DOUBLE CHECK VALVE	SCH	SCHEDULE
DDC	DOUBLE DETECTOR CHECK VALVE	SD	STORM DRAIN
DG	DECOMPOSED GRANITE	SDMH	STORM DRAIN MANHOLE
DROP	DROP INLET	SG	SUBGRADE ELEVATION
DIA	DIAMETER	si	SANITARY SEWER
DWG	DRAWING	SSMH	SANITARY SEWER MANHOLE
DS	DOWNSPOUT	STD	STANDARD
E	ELECTRIC	S/W	SIDEWALK
EP	EDGE OF PAVEMENT	TC	TELEPHONE
ESMT	EASEMENT	TD	TRENCH DRAIN
EX	EXISTING	TDCB	TRENCH DRAIN CATCH BASIN
FK	FIRE SERVICE LINE	TRW	TOP OF RETAINING WALL
FDC	FIRE DEPARTMENT CONNECTION	TSW	TOP OF SEAT WALK
FL	FLOWLINE	TW	TOP OF WALK ELEVATION
FM	SANITARY SEWER FORCE MAIN	U	UTILITY
FF	FINISHED FLOOR ELEVATION	UC	UNDERGROUND
GH	GATE VALVE	VCP	VITRIFIED CLAY PIPE
GR	GRATE ELEVATION	W	WATER
GRD	GRADE ELEVATION	W/O	WITHOUT
GV	GATE VALVE	WV	WATER VALVE
HB	HOSE BIBB		
HDB	HEADER BOARD		
HDP	HIGH DENSITY POLYETHYLENE PIPE		
HP	HIGH POINT		
INV	PIPE INVERT ELEVATION		

SYMBOLS LEGEND

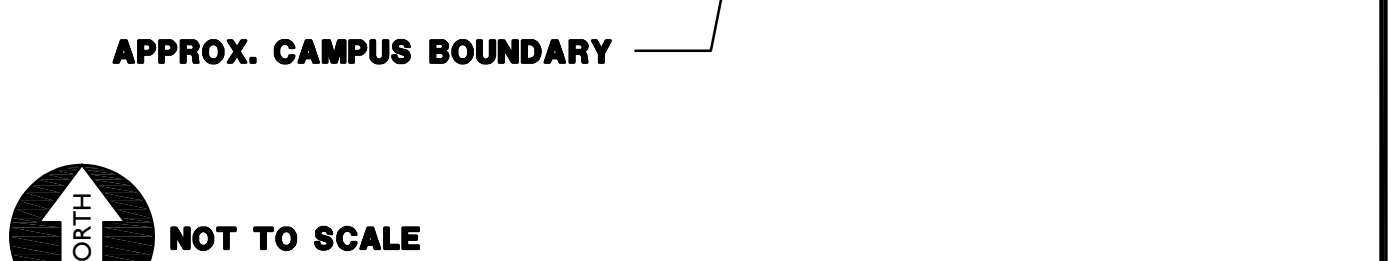
NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:	PROPOSED WATER SYMBOLS:
STORM DRAIN LINE (SIZE AND FLOW SHOWN)	NONE - N/A
STORM DRAIN MANHOLE (SDMH)	PROPOSED SANITARY SEWER SYMBOLS:
CATCH BASIN (CB)	NONE - N/A
DROP INLET (DI)	
AREA DRAIN (AD)	
PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)	
STORM DRAIN CLEANOUT	
ELEVATION	
FINISHED FLOOR ELEVATION	
CONCRETE SIDEWALK	
GRADED DIRECTION FOR DRAINAGE FLOW	
SLOPE	
TREE TO BE REMOVED	
TREE TO REMAIN	
RETAINING WALL	
OVERLAND RELEASE PATH	

VICINITY MAP



SITE MAP



APPLICABLE CODES & STANDARDS

- BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2012 INTERNATIONAL BUILDING CODE VOLUME 1-2 AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CBC), PART 5, TITLE 24 C.C.R. (2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA FIRE CODE (FCF), PART 9, TITLE 24 C.C.R. (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2016 GREEN CALIFORNIA BUILDING STANDARDS, CALGREEN CODE, TITLE 24, PART 11
- 2016 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

PROJECT NARRATIVE

- THE PROJECT CONSISTS OF:
- CONSTRUCTION OF PARKING LOT, WITH NEW CONCRETE AND ASPHALT PAVING AND STRIPING.
 - ACCESSIBLE PATH OF TRAVEL UPGRADES HAVE BEEN PROVIDED AS REQUIRED BY CBC 2019, 11B-202.4.
- THERE ARE NO NEW OR EXISTING BUILDINGS, BUILT, UPGRADED OR MODERNIZED BY THIS SET OF PLANS, ONLY PAVEMENT REPLACEMENT AND ACCESSIBILITY UPGRADES TO COMPONENTS OF THE EXISTING PATHS OF TRAVEL WITHIN THE PROJECT LIMITS.

APPLICABLE REGULATIONS

- ADDENDA AND CHANGE ORDER PER SECTION 4-338.
- INSPECTOR APPROVAL BY D.S.A. INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(B) AND 4-342, DUTIES OF PROJECT INSPECTOR.
- TESTS AND TESTING LABORATORY PER SECTION 4-335 (DISTRICT SHALL PAY FOR THE TESTING LABORATORY).
- SPECIAL INSPECTIONS PER SECTION 4-333(C).
- CONTRACTOR SHALL SUBMIT VERIFIED REPORTS PER SECTION 4-336 AND 4-343(C), DUTIES OF THE CONTRACTOR.
- DUTIES OF THE PROFESSIONAL ENGINEER (P.E.) SECTION 4-333(A) AND 4-341.
- GOVERNING CODES TITLES 24, C.C.R.
- A COPY OF TITLE 24 PART 1 AND PART 2 SHALL BE KEPT ON SITE AND AVAILABLE AT ALL TIME DURING CONSTRUCTION.
- D.S.A. SHALL BE NOTIFIED OF START OF CONSTRUCTION PER SECTION 4-331.
- SUPERVISION BY THE DIVISION OF STATE ARCHITECTS (D.S.A.) PER SECTION 4-334.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO GIVE DIRECTION TO CONSTRUCT THE IMPROVEMENTS SHOWN HEREIN FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS, SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TOO, AND APPROVED BY D.S.A. BEFORE PROCEEDING WITH WORK.

DEFERRED APPROVALS

NONE

STATEMENTS:

NONE

GENERAL NOTES

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE 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 SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION AND/OR OBSERVATION, AND TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TIE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

- PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
- ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0%, AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
 - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.

ENCROACHMENT PERMIT REQUIRED FOR ALL WORK INSIDE THE PUBLIC RIGHT OF WAY OR PUBLIC UTILITY EASEMENT.

SHEET INDEX

TOTAL SHEETS: 11

NO.	SHEET DESCRIPTION
CIVIL	
C0.0	COVER SHEET
C0.1	TOPOGRAPHIC SURVEY
C1.0	OVERALL SITE PLAN
C1.1	DEMOLITION PLAN
C1.2	ENGINEERED FILL PLAN
C2.1	GRADING AND UTILITY PLAN
C3.1	PAVING PLAN
C4.1	STRIPING AND SIGNAGE PLAN
C5.1	DETAILS AND SECTIONS
C5.2	DETAILS AND SECTIONS

ELECTRICAL

E1.00 SITE PLAN - ELECTRICAL - REMODEL

A.2

A.6

A.10

STREET

MCNABB

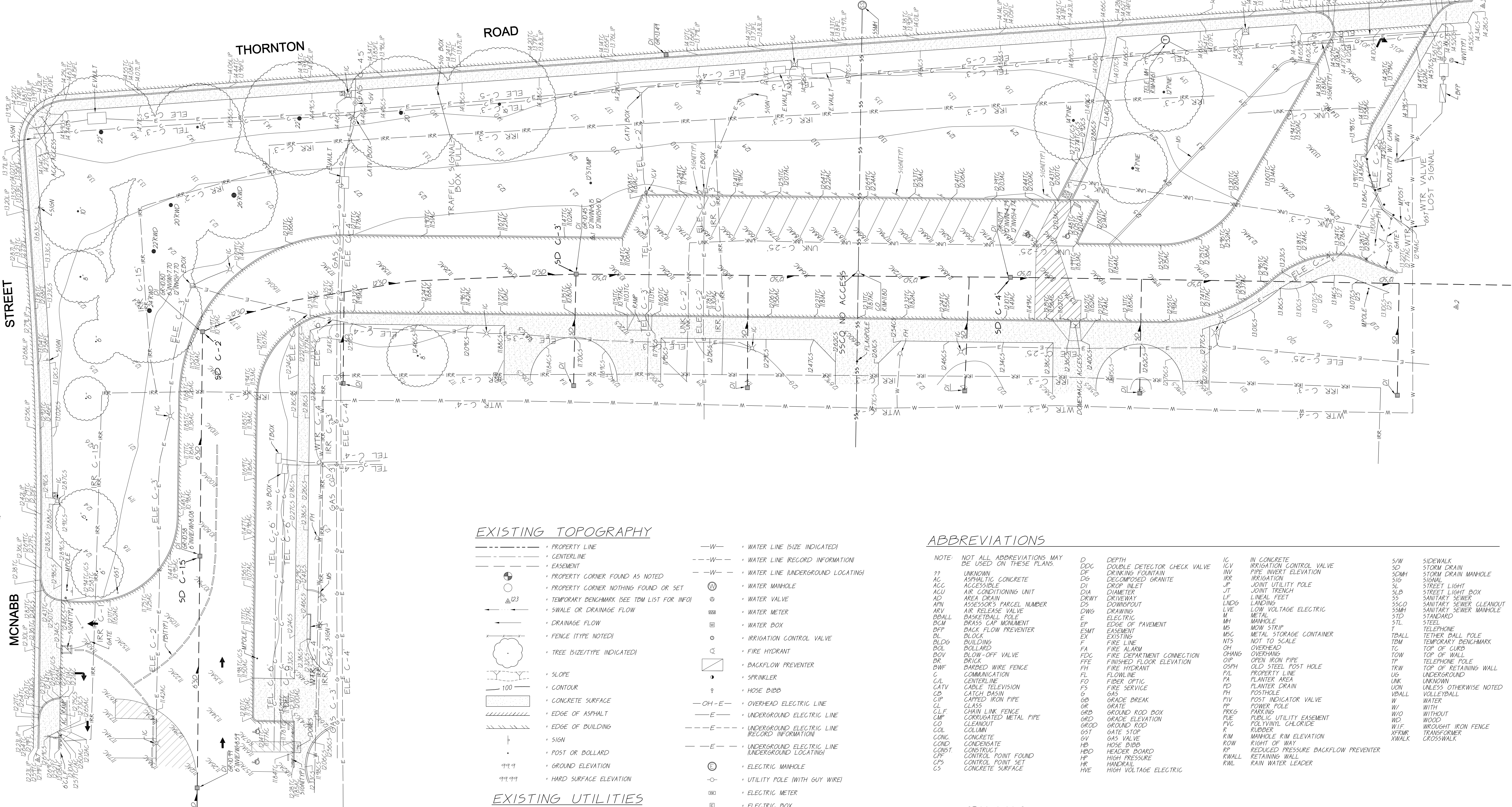
THORNTON

ROAD

THORNTON

ROAD

A.5



EXISTING TOPOGRAPHY

- W --- PROPERTY LINE
- W --- CENTERLINE
- W --- EASEMENT
- W --- PROPERTY CORNER FOUND AS NOTED
- W --- PROPERTY CORNER NOTHING FOUND OR SET
- W --- TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- W --- SWALE OR DRAINAGE FLOW
- W --- DRAINAGE FLOW
- W --- FENCE (TYPE NOTED)
- W --- TREE (SIZE/TYPE INDICATED)
- W --- SLOPE
- W --- CONTOUR
- W --- CONCRETE SURFACE
- W --- EDGE OF ASPHALT
- W --- EDGE OF BUILDING
- W --- SIGN
- W --- POST OR DOLLARD
- W --- GROUND ELEVATION
- W --- HARD SURFACE ELEVATION
- W --- WATER LINE (SIZE INDICATED)
- W --- WATER LINE (RECORD INFORMATION)
- W --- WATER LINE (UNDERGROUND LOCATING)
- W --- WATER MANHOLE
- W --- WATER VALVE
- W --- WATER METER
- W --- WATER BOX
- W --- IRRIGATION CONTROL VALVE
- W --- FIRE HYDRANT
- W --- BACKFLOW PREVENTER
- W --- SPRINKLER
- W --- HOSE BIBB
- W --- OVERHEAD ELECTRIC LINE
- W --- UNDERGROUND ELECTRIC LINE
- W --- UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- W --- UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- W --- UTILITY POLE (WITH GUY WIRE)
- W --- ELECTRIC METER
- W --- ELECTRIC BOX
- W --- STREET LIGHTING BOX
- W --- LIGHT STANDARD
- W --- SIGNAL LIGHT
- W --- ELECTRICAL OUTLET
- W --- GAS LINE (SIZE INDICATED)
- W --- GAS LINE (RECORD INFORMATION)
- W --- GAS LINE (UNDERGROUND LOCATING)
- W --- GAS MANHOLE
- W --- GAS VALVE
- W --- GAS METER
- W --- TELEPHONE LINE
- W --- TELEPHONE LINE (RECORD INFORMATION)
- W --- TELEPHONE LINE (UNDERGROUND LOCATING)
- W --- STORM DRAIN BOX
- W --- TRAFFIC SIGNAL BOX

EXISTING UTILITIES

- S --- STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- S --- STORM DRAIN LINE (RECORD INFORMATION)
- S --- STORM DRAIN LINE (UNDERGROUND LOCATING)
- S --- STORM DRAIN MANHOLE
- S --- STORM DRAIN CLEANOUT
- S --- DROP INLET
- S --- AREA DRAIN
- S --- RAIN WATER LEADER
- S --- DOWNSPOUT
- S --- SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- S --- SANITARY SEWER LINE (RECORD INFORMATION)
- S --- SANITARY SEWER LINE (UNDERGROUND LOCATING)
- S --- SANITARY SEWER MANHOLE
- S --- SANITARY SEWER CLEANOUT

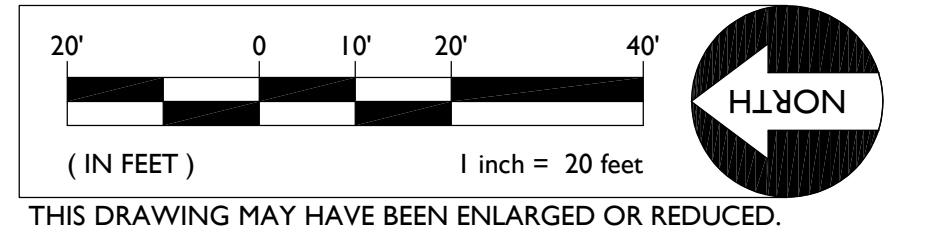
ABBREVIATIONS

- NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.
- | | | | | | | | |
|----------|--------------------------|------|-----------------------------|-------|-------------------------------------|-------|-------------------------|
| 11 | UNKNOWN | D | DEPTH | IC | IN CONCRETE | S/W | SIDEWALK |
| AC | ACCESSIBLE | DDC | DOUBLE DETECTOR CHECK VALVE | ICV | IRRIGATION CONTROL VALVE | SD | STORM DRAIN |
| ACU | AIR CONDITIONING UNIT | DF | DRAIN FOUNTAIN | IN | PIPE INVERT ELEVATION | SDM | STORM DRAIN MANHOLE |
| AD | AREA DRAIN | DG | DEVELOPMENT GRANITE | IR | IRRIGATION | SL | SIGNAL |
| APN | ASSESSOR'S PARCEL NUMBER | DI | DROP INLET | JP | JOINT UTILITY POLE | SLB | STREET LIGHT BOX |
| ARV | AIR RELEASE VALVE | DT | DRIVEWAY | JT | JOINT TRENCH | SS | SANITARY SEWER |
| BCM | BASKETBALL POLE | DS | DOWNSPOUT | LDNG | LANDING | SSCO | SANITARY SEWER CLEANOUT |
| BFC | BRASS CAP MONUMENT | DWG | DRAWING | LV | LOW VOLTAGE ELECTRIC | SSM | SANITARY SEWER MANHOLE |
| BFL | BACK FLOW PREVENTER | EW | EDGE OF PAVEMENT | M | MANHOLE | STD | STANDARD |
| BK | BLOCK | ESMT | EXISTING | MS | MOW STRIP | STL | STEEL |
| BLLD | BOLLARD | EV | EXISTING | MSC | METAL STORAGE CONTAINER | TBALL | TELEPHONE |
| BOV | BLOW-OFF VALVE | FA | FIRE LINE | NTS | NOT TO SCALE | TBM | TEMPORARY BENCHMARK |
| BR | BRICK | FDC | FIRE DEPARTMENT CONNECTION | OH | OVERHEAD | TC | TOP OF CURB |
| BWF | BARBED WIRE FENCE | FPE | FINISHED FLOOR ELEVATION | CHANG | CHANGING | TOW | TOP OF WALL |
| C | COMMUNICATION | FH | FIRE HYDRANT | OSPH | OLD STEEL POST HOLE | TP | TELEPHONE POLE |
| C | CENTERLINE | FL | FLOWLINE | P | PROPERTY LINE | TRW | TOP OF RETAINING WALL |
| CATV | CABLE TELEVISION | FO | FIBER OPTIC | P | PLANTER AREA | UG | UNDERGROUND |
| CB | CATCH BASIN | FS | FIRE SERVICE | PD | PLANTER DRAIN | UN | UNKNOWN |
| CP | CURBED IRON PIPE | G | GAS | PH | POSTHOLE | UN | UNLESS OTHERWISE NOTED |
| CL | CLASS | GB | GRADE BREAK | PI | POST INDICATOR VALVE | VBALL | VOLLEYBALL |
| CLF | CHAIN LINK FENCE | GR | GRATE | PP | POWER POLE | W | WITH |
| CMP | CORRUGATED METAL PIPE | GRD | GROUND ROD BOX | PRKS | PARKING | W/O | WITHOUT |
| CLEANOUT | CLEANOUT | GRD | GRADE ELEVATION | PUE | PUBLIC UTILITY EASEMENT | WD | WOOD |
| COLUMN | COLUMN | GRD | GROUND ROD | PVC | POLYVINYL CHLORIDE | WIF | WROUGHT IRON FENCE |
| CONC. | CONCRETE | GST | GATE STOP | R | RUBBER | XFER | TRANSFER |
| COND. | CONDENSATE | HB | HOSE BIBB | RIM | MANHOLE RIM ELEVATION | XWALK | CROSSWALK |
| CONSTR. | CONSTRUCTION | HDO | HEADER DOWNSPOUT | ROW | RIGHT OF WAY | | |
| CPS | CONTROL POINT SET | HR | HIGH PRESSURE | R | REDUCED PRESSURE BACKFLOW PREVENTER | | |
| CS | CONCRETE SURFACE | HRL | HANDRAIL | RWALL | RETAINING WALL | | |
| | | HVE | HIGH VOLTAGE ELECTRIC | RWL | RAIN WATER LEADER | | |

TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CPS CHISELED "+"	11749.90	12345.23	1152
2	CPS CHISELED "+"	11353.50	12313.40	1325
3	CPS PK	12451.67	1420	
4	CPS BM EL+14.73	1278.73	12503.91	14.73
5	CPS CHISELED "+"	11458.24	12486.73	15.32
6	CPS CHISELED "+"	12044.03	12270.86	13.02
7	CPS CHISELED "+"	12004.57	12105.43	12.52
8	CPS CHISELED "+"	12083.53	12310.10	14.42
9	CPS CL MON	12027.64	11846.87	11.48
10	CPS CL MON RCE158.31	12023.06	12214.54	12.73
11	CPS CL MON RCE158.31	12025.91	12313.14	13.16
12	CPS CL MON RCE158.31	12035.56	12450.76	15.00
13	CPS CL MON L5 7520	11386.38	13745.21	12.53
14	CPS CL MON L5 7520	11395.51	13626.29	11.89
15	CPS CL MON L5 7520	11403.55	13576.22	12.18
16	CPS CL MON L5 7520	11420.73	13407.20	11.98
17	CPS CL MON L5 7520	11421.78	13345.82	11.81
18	CPS CL MON L5 7520	11397.08	12825.10	16.48
19	CPS CL MON L5 7520	11434.76	12623.74	13.11
20	CPS CL MON L5 7520	11392.71	14433.26	13.61
21	CPS CL MON L5 7520	11376.76	14285.15	13.36
22	CPS CL MON L5 7520	11381.19	14035.22	12.73
23	CPS CHISELED "+"	10748.64	14294.45	13.74
24	CPS CL MON	12521.33	14032.89	12.11
25	CPS CHISELED "+"	10513.81	14509.36	11.76
26	CPS CHISELED "+"	10587.19	14685.61	15.36
27	CPS CHISELED "+"	10678.68	14602.23	14.98
28	CPS CHISELED "+"	10754.01	14571.48	13.96
29	CPS CHISELED "+"	10756.89	14707.52	15.83
30	CPS CHISELED "+"	10721.10	14778.32	15.15
31	CPS CHISELED "+"	10616.85	15034.78	14.80
32	CPS CHISELED "+"	10747.51	14823.10	15.65
33	CPS CHISELED "+"	10790.15	14667.87	15.54
34	CPS CL MON L5 7520	10557.76	15201.07	22.75
35	CPS CL MON CL INTERSEC	10551.07	14450.04	11.40
36	CPS CL MON	10512.70	14299.03	11.83
37	CPS CL MON CL INTERSEC	10714.01	13747.49	11.80

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

APN: BENCHMARK NO. 280 ELEV. 14.73
SAN JOAQUIN COUNTY BOLT AND
WASHER MARKING COS MONUMENT
"9"-6" ON CENTERLINE OF
THORNTON RD APPROX 2775 FT
S/O EIGHT MILE RD.

HORIZONTAL SCALE: AS NOTED
VERTICAL SCALE: AS NOTED
JOB NO.: 20-123

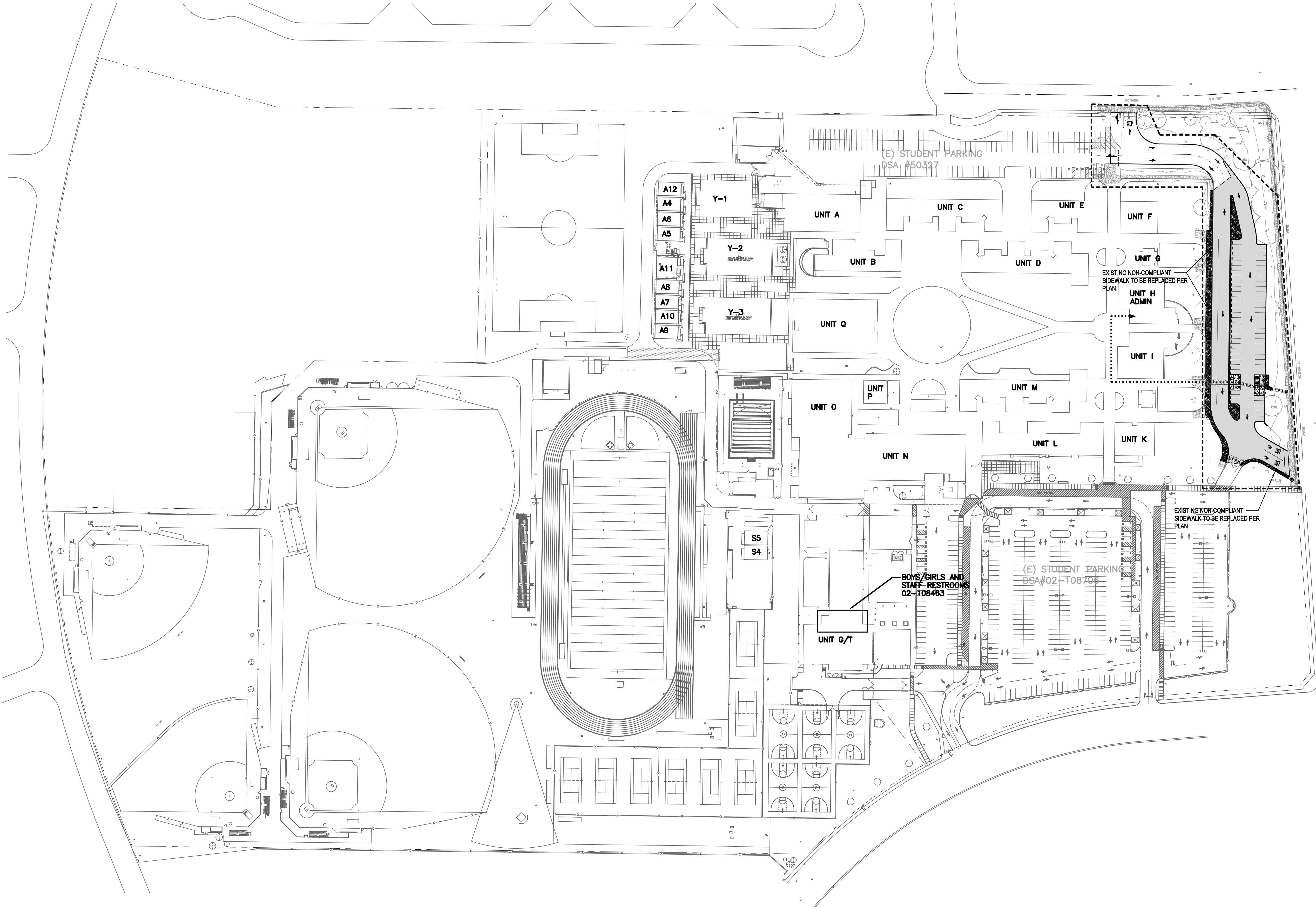
DESIGNED: AT
DRAWN: AT
CHECKED: AT
DATE: 02-17-21

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
12/14/2017
12/14/2021

WC
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 (916) 985-1970

TOPOGRAPHIC SURVEY
BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD
STOCKTON, CALIFORNIA
LODI UNIFIED SCHOOL DISTRICT.
SHEET NO.

C0.1



DSA PR-1501

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

ACCESSIBLE PATH OF TRAVEL (P.O.T.)

TO THE BEST OF THE KNOWLEDGE OF THE ENGINEER, OR THE DISTRICT, THE PATH OF TRAVEL (P.O.T.) AS INDICATED, IS A BARRIER FREE ACCESS ROUTE CONFORMING TO THE FOLLOWING:

1. THERE ARE NO ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1V:2H MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. (11B-403.5.1)
2. THE MINIMUM WIDTH OF THE P.O.T. IS 48" AT ANY GIVEN POINT. (11B-403.2)
3. THE SURFACE OF THE P.O.T. STABLE, FIRM, AND SUP RESISTANT. (11B-403.2)
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5.0% (11B-403.3), UNLESS OTHERWISE INDICATED, WITH THE FOLLOWING EXCEPTIONS:
 - A. THE SLOPED PORTION OF "RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-405.2).
 - B. THE SLOPED PORTION OF A "CURB RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-406.2.1 AND 11B-406.3.1).
5. THE CROSS SLOPE OF THE ACCESSIBLE PATH OF TRAVEL DOES NOT EXCEED 2% AT ANY GIVEN POINT (11B-403.3).
6. THE ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307).
7. THERE ARE NO PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
8. PASSING SPACES AT LEAST 60"x60" ARE LOCATED NOT MORE THAT 200' APART. (11B-403.5.3)
9. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. (11B-407.3)
10. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING. (11B-303.5)
11. ENGINEER AND CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
12. THERE ARE NO GRATINGS WITHIN THE PATH OF TRAVEL WITH GRATE OPENINGS EXCEEDING 1/2" IN THE DIRECTION OF TRAVEL. (11B-302.3)

PARKING DATA	
STANDARD STALLS -	61
ACCESSIBLE STALLS -	3
TOTAL	64

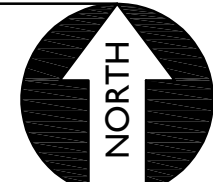
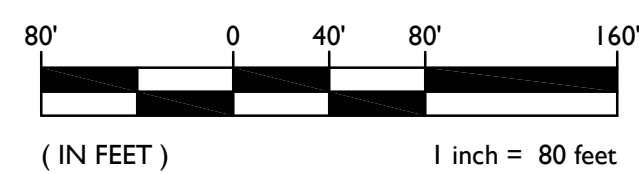
LEGEND

- EXISTING BUILDING NOT MODERNIZED BY THIS APPLICATION.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.)
- LIMIT/END OF PATH OF TRAVEL THIS PROJECT.
- CONTINUATION OF PATH OF TRAVEL INTO ACCESSIBLE AREA.
- PROPOSED CONCRETE WALKWAY
- PROPOSED AC PAVING
- LIMIT OF WORK, THIS PROJECT

BUILDING DATA

DESIGNATION	NAME	DSA NUMBER
UNIT A	(E) INDUSTRIAL ARTS BUILDING	50327
UNIT B	(E) BUSSINESS BUILDING	50327
UNIT C	(E) MATHEMATICS BUILDING	50327
UNIT D	(E) SOCIAL SCIENCES BUILDING	50327
UNIT E	(E) HOME ECONOMICS BUILDING	50327
UNIT F	(E) SPECIAL EDUCATION BUILDING	50327
UNIT G	(E) TOILET	50327
UNIT H	(E) ADMINISTRATION BUILDING	50327
UNIT I	(E) LIBRARY	50327
UNIT J	(E) TOILET	50327
UNIT K	(E) ESL BUILDING	50327
UNIT L	(E) FINE ARTS BUILDING	50327
UNIT M	(E) ENGLISH BUILDING	50327
UNIT N	(E) MULTIPURPOSE & GYM	50327
UNIT O	(E) LOCKER ROOM	50327
UNIT P	(E) STUDENT ACTIVITIES BUILDING	50327
UNIT Q	(E) SCIENCE BUILDING	50327
A4	(E) PORTABLE	50528
A5	(E) PORTABLE	50528
A6	(E) PORTABLE	50528
A7	(E) PORTABLE	56170
A8	(E) PORTABLE	56170
A9	(E) PORTABLE	56170
A10	(E) PORTABLE	63191
A11	(E) PORTABLE	63191
A12	(E) PORTABLE	56180
S4	(E) PORTABLE	02-101339
S5	(E) PORTABLE	02-103153
UNIT G/T	GYM & THEATER	02-108463
Y1	(E) MODULAR	02-108706
Y2	(E) MODULAR	02-108706
Y3	(E) MODULAR	02-108706

GRAPHIC SCALE

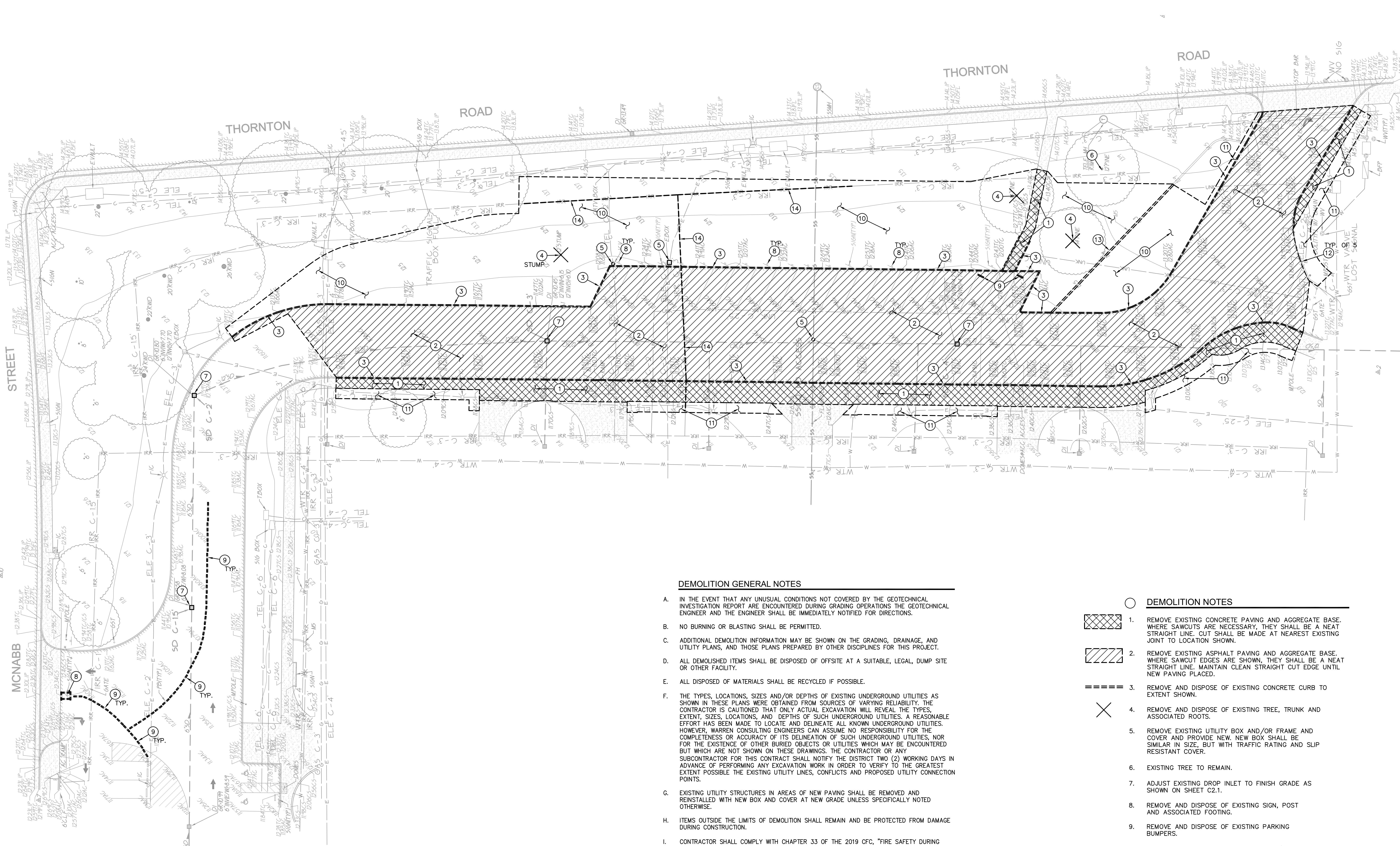


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

A.P.N.	BENCHMARK NO.	280	ELEV.	14.73	
HORIZONTAL SCALE:		AS NOTED		VERTICAL SCALE:	AS NOTED
DATE		DATE		DATE	
BY		BY		BY	
REVISIONS		DESCRIPTION		NO.	
DESIGNED:		AT		DATE:	
DRAWN:		AT		DATE:	
CHECKED:		AT		DATE:	
DATE:		02-17-21		JOB NO. 20-123	
TITLE: OVERALL SITE PLAN					
PROJECT: BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD					
LODI UNIFIED SCHOOL DISTRICT, STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA					

C1.0

Δ.2
Δ.6
Δ.11
Δ.10



DEMOLITION GENERAL NOTES

- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING OR BLASTING SHALL BE PERMITTED.
- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
- EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED WITH NEW BOX AND COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFG, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.
- SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS. HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
- CONTRACTOR SHALL AVOID DAMAGE TO EXISTING PLANTING AND IRRIGATION ALONG EDGES OF DEMOLITION AND NEW PAVEMENT. CONTRACTOR SHALL REPAIR ANY DAMAGE, TO INCLUDE NEW IRRIGATION LINES, NEW HEADS, NEW BARK/MULCH AND NEW SOD TURF WHERE NECESSARY.

UTILITY VERIFICATION NOTE

PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

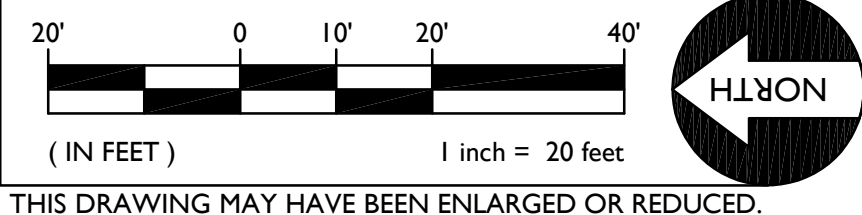
IRRIGATION DEMOLITION NOTE

WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.

DEMOLITION NOTES

- REMOVE EXISTING CONCRETE PAVING AND AGGREGATE BASE. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
- REMOVE EXISTING ASPHALT PAVING AND AGGREGATE BASE. WHERE SAWCUT EDGES ARE SHOWN, THEY SHALL BE A NEAT STRAIGHT LINE. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED.
- REMOVE AND DISPOSE OF EXISTING CONCRETE CURB TO EXTENT SHOWN.
- REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
- REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
- EXISTING TREE TO REMAIN.
- ADJUST EXISTING DROP INLET TO FINISH GRADE AS SHOWN ON SHEET C2.1.
- REMOVE AND DISPOSE OF EXISTING SIGN, POST AND ASSOCIATED FOOTING.
- REMOVE AND DISPOSE OF EXISTING PARKING BUMPERS.
- REMOVE AND DISPOSE OF EXISTING TURF/LANDSCAPING AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN LIMITS SHOWN. MARK ALL CAPPED LINES WITH AN IRRIGATION VALVE BOX PER LANDSCAPE DETAILS. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED.
- TURF/IRRIGATION DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND AND WITH AN APPROVED SEED MIX.
- REMOVE AND DISPOSE OF EXISTING BOLLARD AND ASSOCIATED FOOTING.
- REMOVE AND DISPOSE OF EXISTING MOWSTRIP TO EXTENT SHOWN.
- REMOVE AND DISPOSE OF EXISTING IRRIGATION PIPE WITHIN LIMITS SHOWN.

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

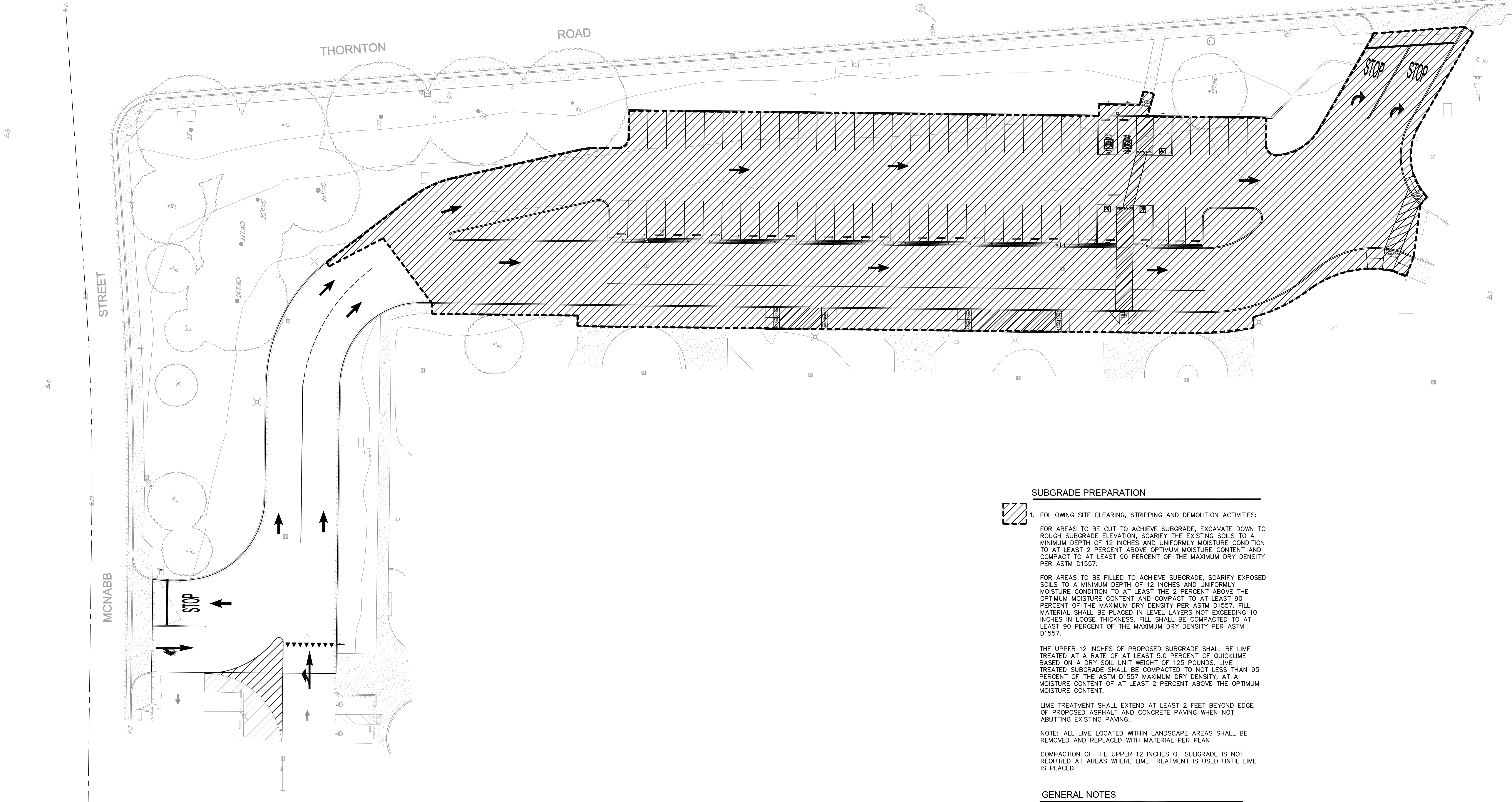
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

DESIGNED:	AT	NO.	REVISIONS	DATE	BY	APPROVAL	HORIZONTAL SCALE:	VERTICAL SCALE:	JOB NO.
DRAWN:	AT		DESCRIPTION				AS NOTED	AS NOTED	20-123
CHECKED:	AT								
DATE:	02-17-21								



PROJECT:	DEMOLITION PLAN	STOCKTON	SAN JOAQUIN COUNTY, CALIFORNIA
TITLE:	BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD		

C1.1

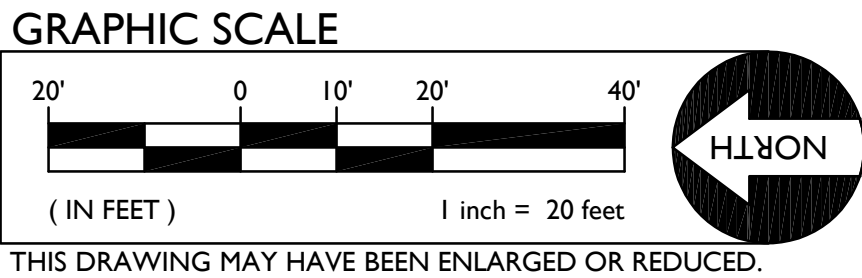


SUBGRADE PREPARATION

1. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:
- FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
- FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST THE 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557. FILL MATERIAL SHALL BE PLACED IN LEVEL LAYERS NOT EXCEEDING 10 INCHES IN LOOSE THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
- THE UPPER 12 INCHES OF PROPOSED SUBGRADE SHALL BE LIME TREATED AT A RATE OF AT LEAST 5.0 PERCENT OF QUICKLIME BASED ON A DRY SOIL UNIT WEIGHT OF 125 POUNDS. LIME TREATED SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE ASTM D1557 MAXIMUM DRY DENSITY, AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT.
- LIME TREATMENT SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING..
- NOTE: ALL LIME LOCATED WITHIN LANDSCAPE AREAS SHALL BE REMOVED AND REPLACED WITH MATERIAL PER PLAN.
- COMPACTION OF THE UPPER 12 INCHES OF SUBGRADE IS NOT REQUIRED AT AREAS WHERE LIME TREATMENT IS USED UNTIL LIME IS PLACED.

GENERAL NOTES

1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
2. NO BURNING SHALL BE PERMITTED.
3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.



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DATE: 02/24/2021

A.P.N.
BENCHMARK NO. 280
ELEV. 14.73
SAN JOAQUIN COUNTY BOLT AND
WASHER MARKING CDS MONUMENT
"98-6" ON CENTERLINE OF
THORNTON RD APPROX. 2775 FT
S/O EIGHT MILE RD.

HORIZONTAL SCALE:
AS NOTED
VERTICAL SCALE:
AS NOTED
JOB NO. 20-123

DESIGNED:
AT
DRAWN:
AT
CHECKED:
AT
DATE: 02-17-21

REVISIONS
NO.
DESCRIPTION
DATE
BY

AGENCY APPROVAL
DATE
BY

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
CIVIL ENGINEER
No. 10700
Exp. 12/31/2024

WC
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 (916) 885-1870

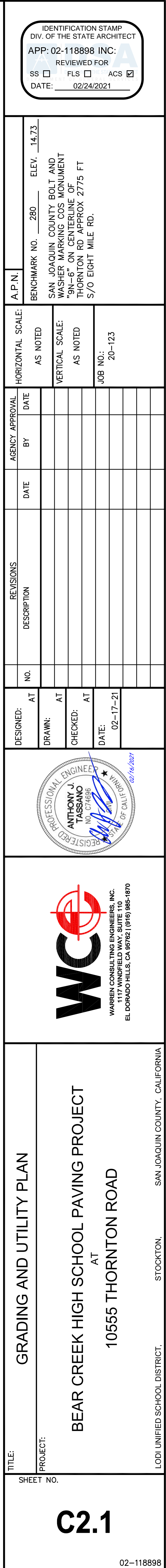
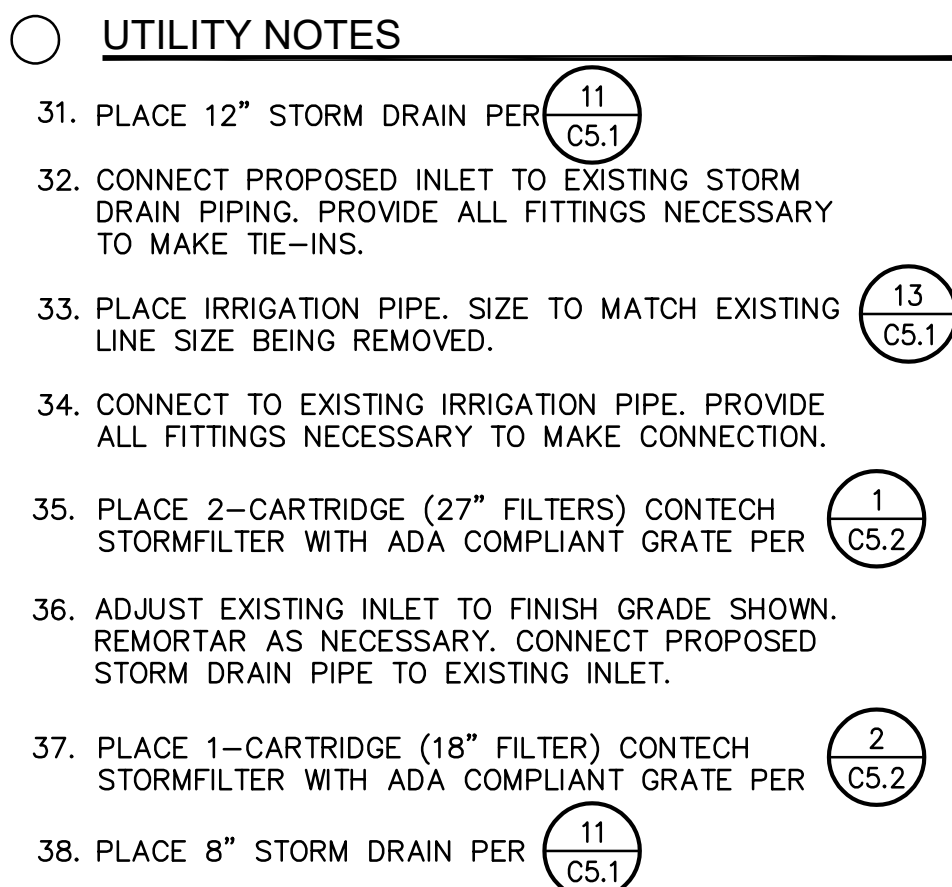
TITLE:
ENGINEERED FILL PLAN

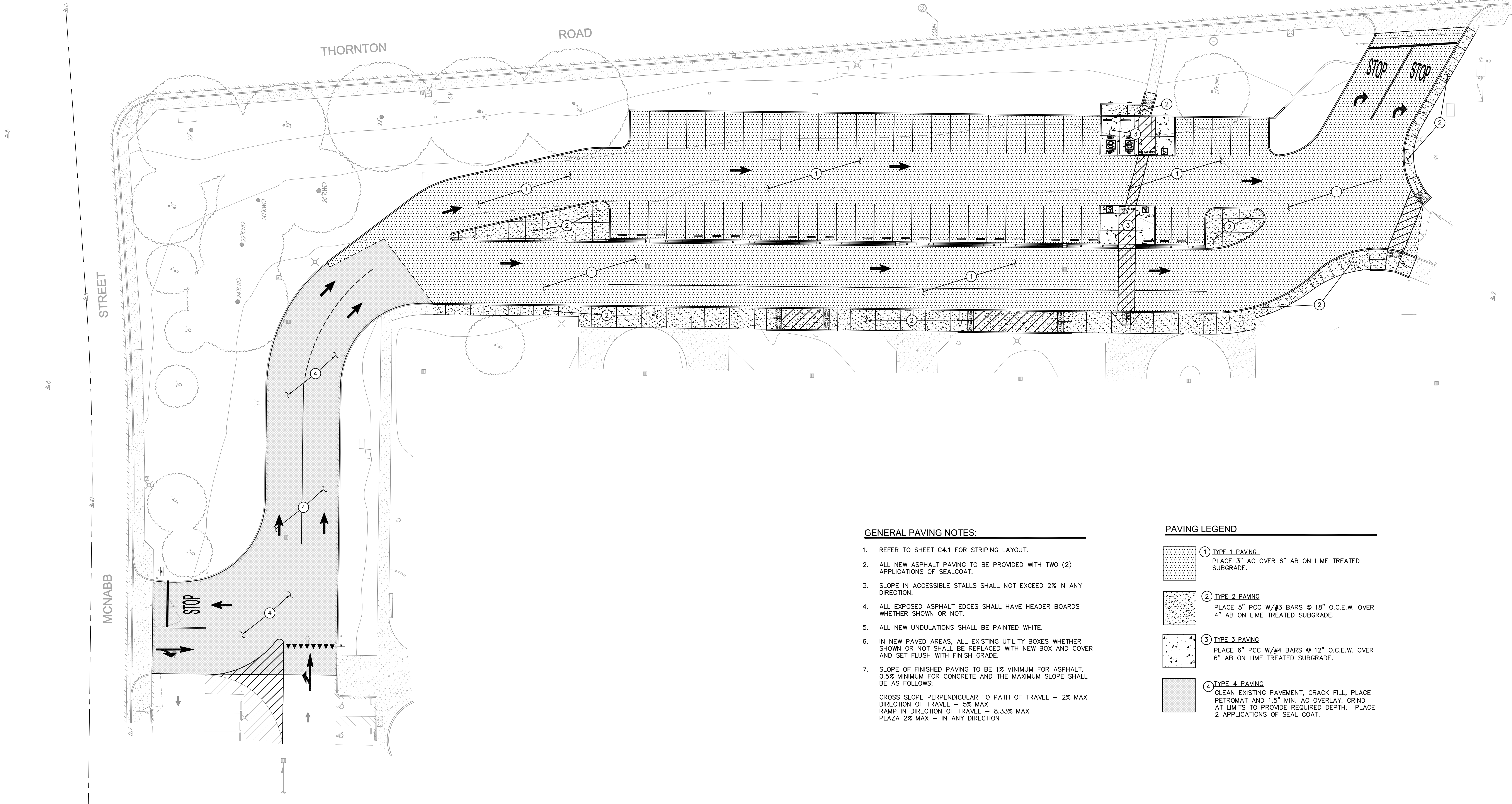
PROJECT:
BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD

LODI UNIFIED SCHOOL DISTRICT.
STOCKTON.
SAN JOAQUIN COUNTY, CALIFORNIA

C1.2

02-118898





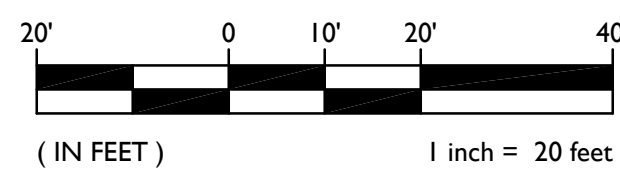
GENERAL PAVING NOTES:

1. REFER TO SHEET C4.1 FOR STRIPING LAYOUT.
2. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH TWO (2) APPLICATIONS OF SEALCOAT.
3. SLOPE IN ACCESSIBLE STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.
4. ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
5. ALL NEW UNDULATIONS SHALL BE PAINTED WHITE.
6. IN NEW PAVED AREAS, ALL EXISTING UTILITY BOXES WHETHER SHOWN OR NOT SHALL BE REPLACED WITH NEW BOX AND COVER AND SET FLUSH WITH FINISH GRADE.
7. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 2% MAX
DIRECTION OF TRAVEL - 5% MAX
RAMP IN DIRECTION OF TRAVEL - 8.33% MAX
PLAZA 2% MAX - IN ANY DIRECTION

PAVING LEGEND

- ① TYPE 1 PAVING
PLACE 3" AC OVER 6" AB ON LIME TREATED SUBGRADE.
- ② TYPE 2 PAVING
PLACE 5" PCC W/#3 BARS @ 18" O.C.E.W. OVER 4" AB ON LIME TREATED SUBGRADE.
- ③ TYPE 3 PAVING
PLACE 6" PCC W/#4 BARS @ 12" O.C.E.W. OVER 6" AB ON LIME TREATED SUBGRADE.
- ④ TYPE 4 PAVING
CLEAN EXISTING PAVEMENT, CRACK FILL, PLACE PETROMAT AND 1.5" MIN. AC OVERLAY. GRIND AT LIMITS TO PROVIDE REQUIRED DEPTH. PLACE 2 APPLICATIONS OF SEAL COAT.

GRAPHIC SCALE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

A.P.N. BENCHMARK NO. 280 ELEV. 14.73
SAN JOAQUIN COUNTY BOLT AND
WASHER MARKING COS MONUMENT
"9N-6" ON CENTERLINE OF
THORNTON RD APPROX 2775 FT
S/O EIGHT MILE RD.

HORIZONTAL SCALE: AS NOTED
VERTICAL SCALE: AS NOTED
JOB NO. 20-123

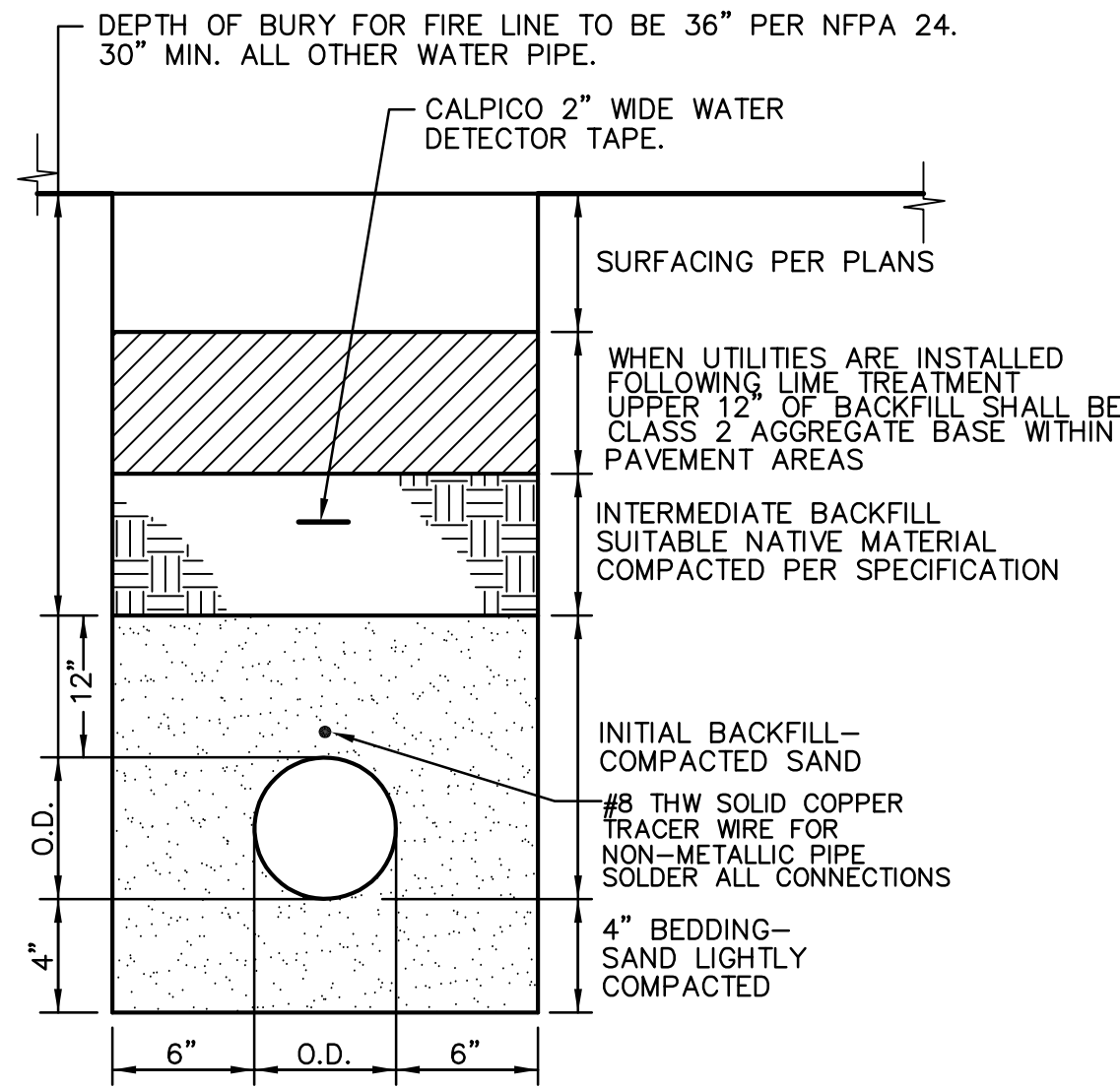
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DRAWN:	AT		DESCRIPTION			
CHECKED:	AT					
DATE:	02-17-21					



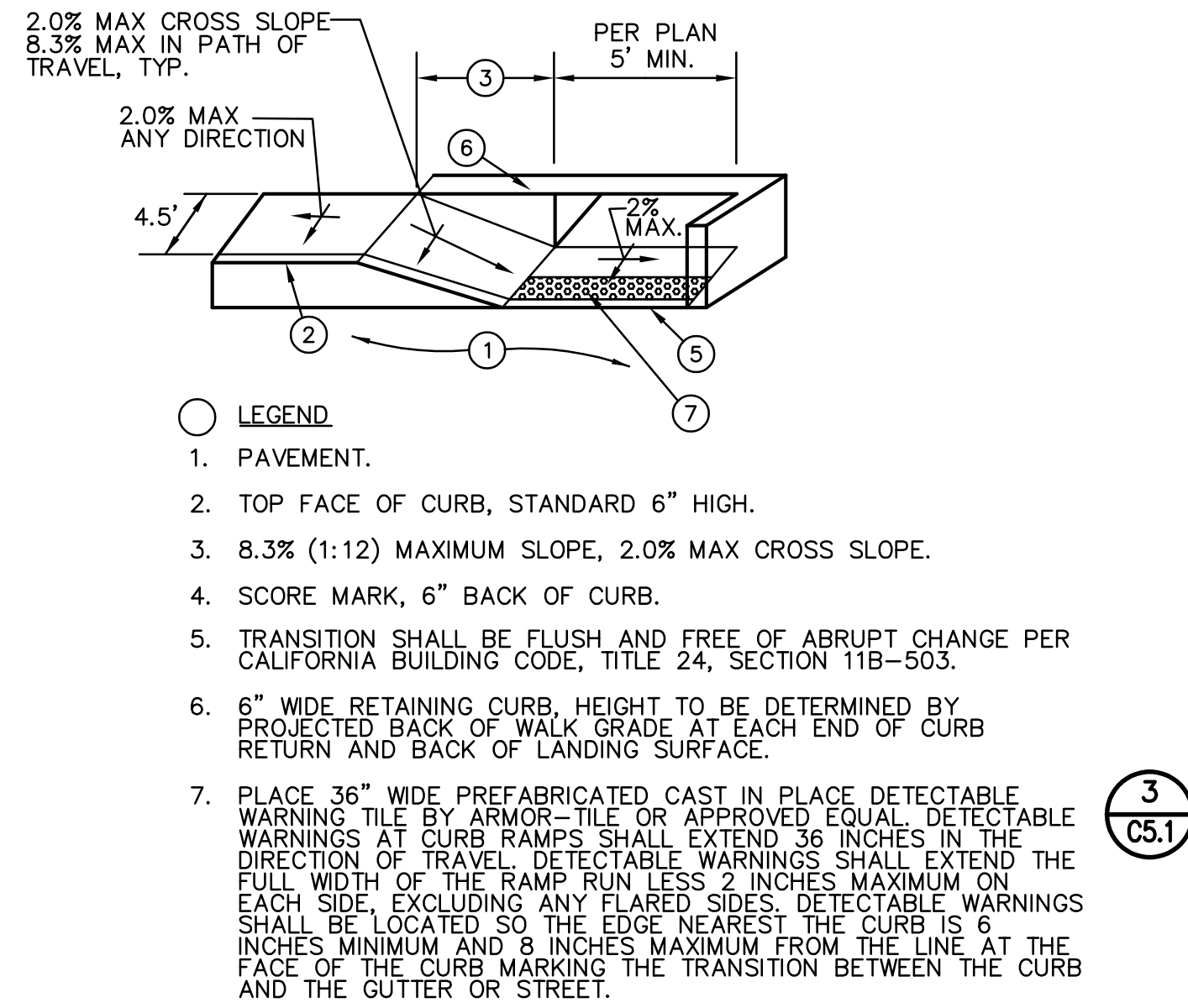
TITLE: PAVING PLAN
PROJECT: BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD
STOCKTON, CALIFORNIA
LODI UNIFIED SCHOOL DISTRICT, SAN JOAQUIN COUNTY, CALIFORNIA

SHEET NO. C3.1

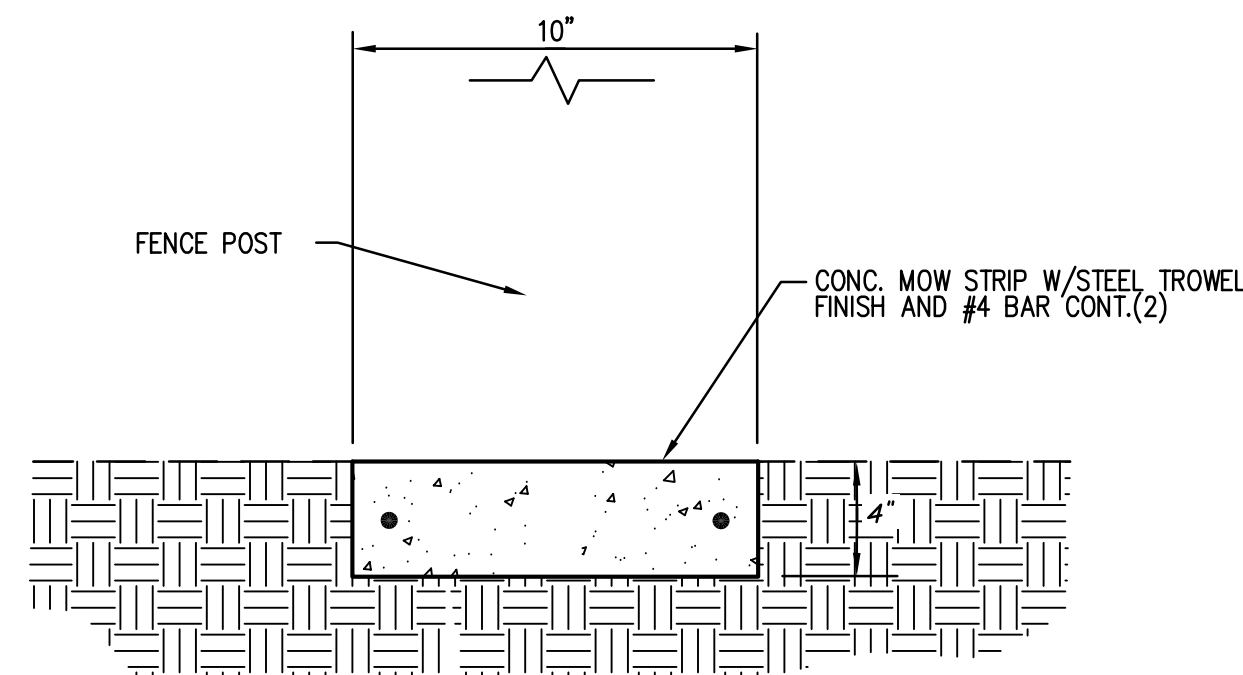
FILENAME: I:\20-123\CIVIL\DWG\20-123 CS1-C5.1.DWG



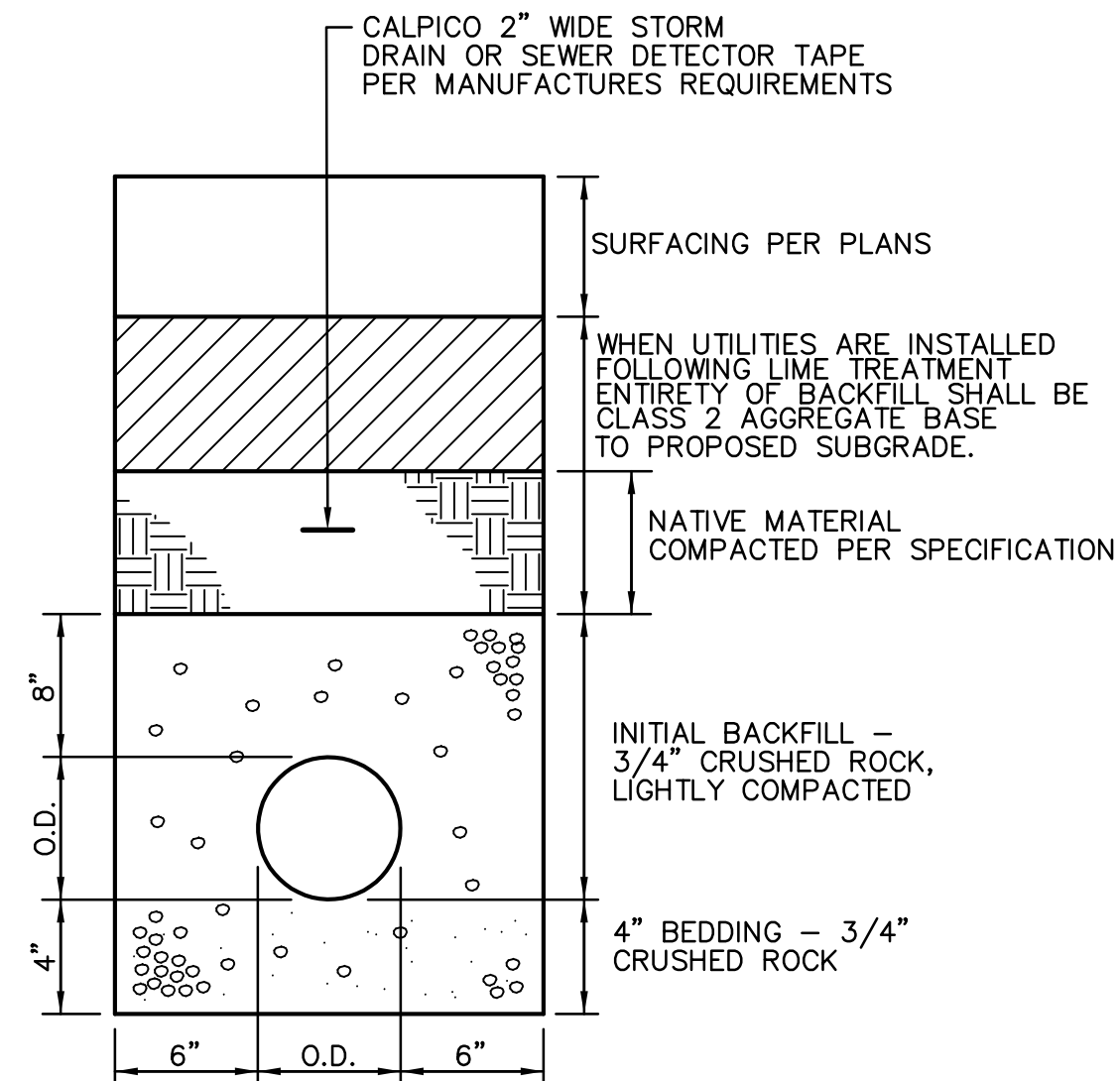
13 WATER TRENCH
C5.1 NO SCALE



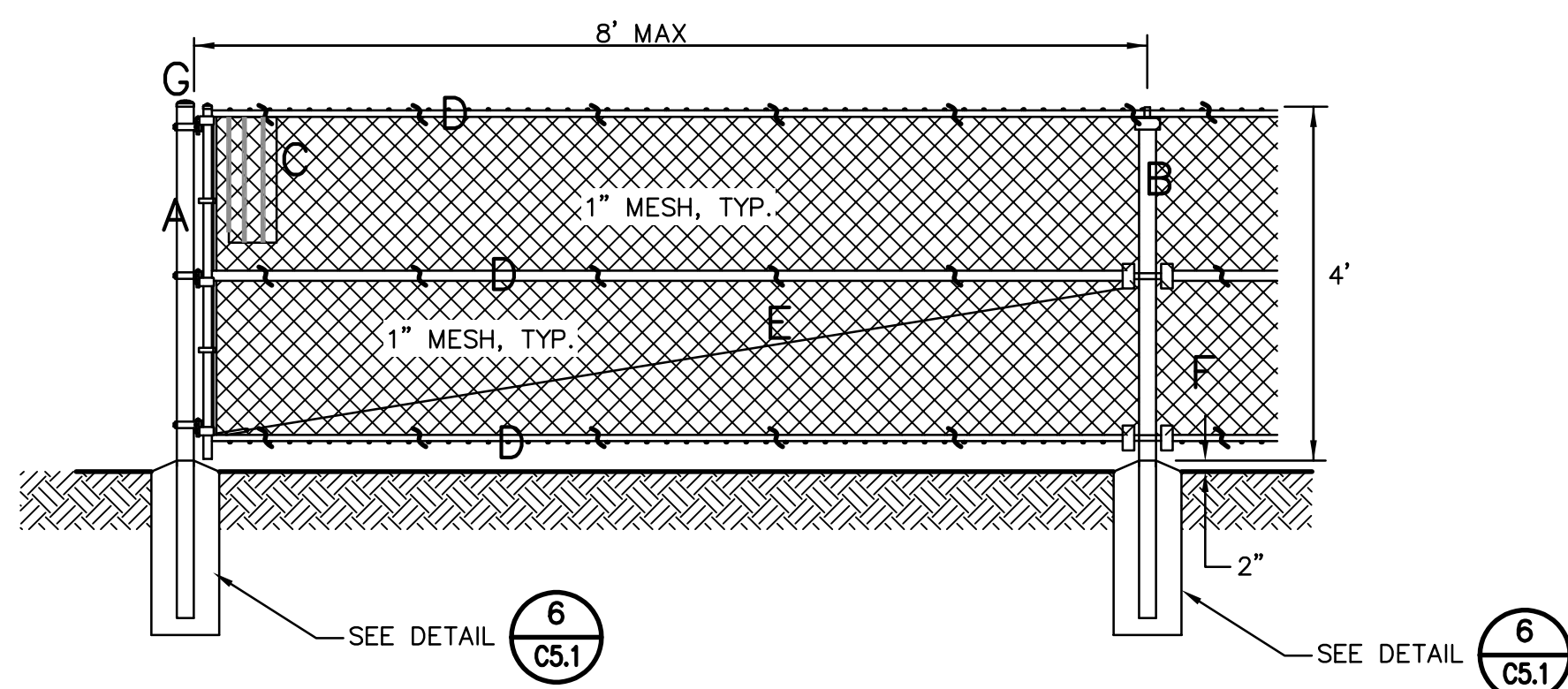
9 ACCESSIBLE CURB RAMP #3
C5.1 NO SCALE



10 MOW STRIP DETAIL
C5.1 NO SCALE

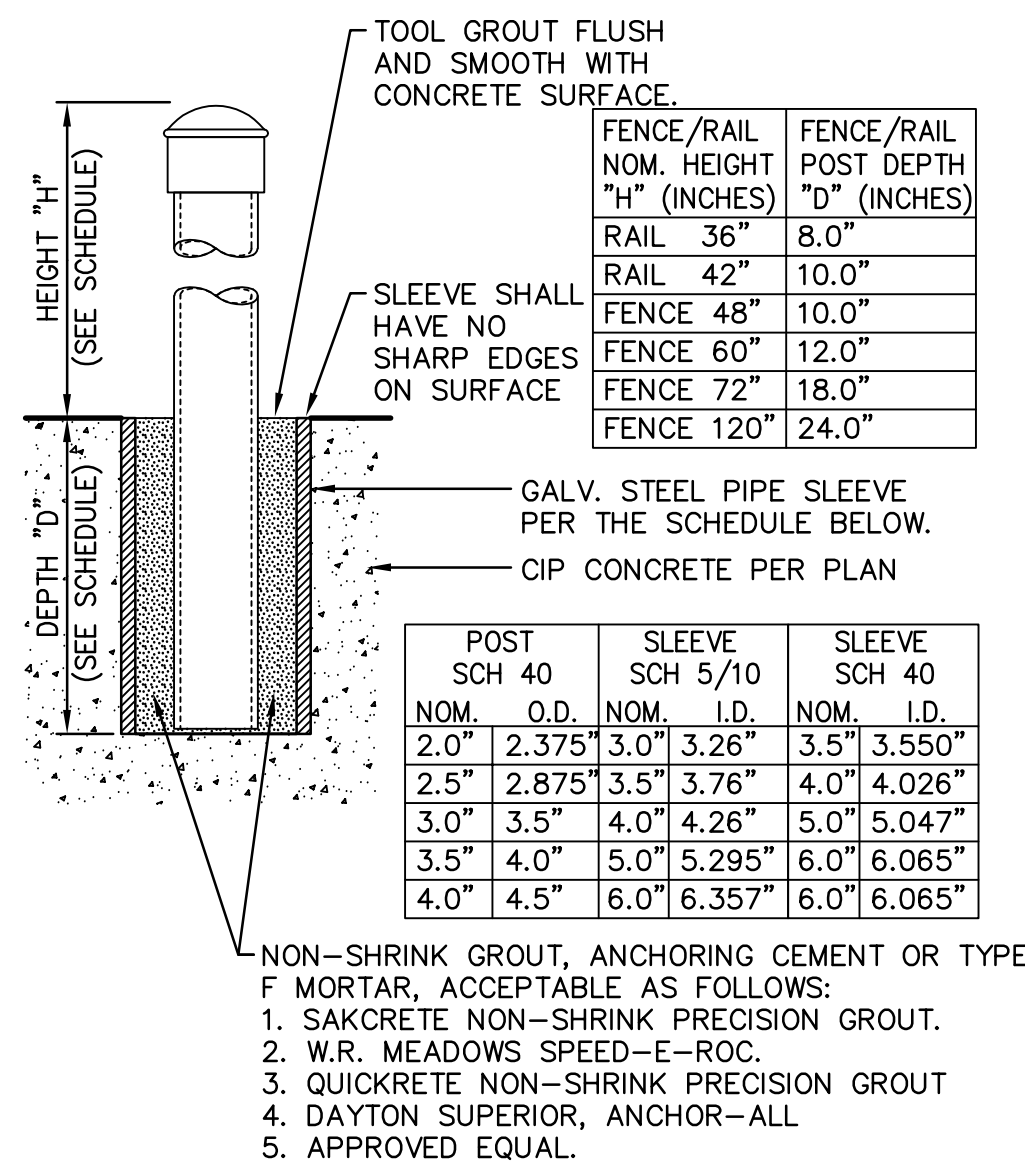


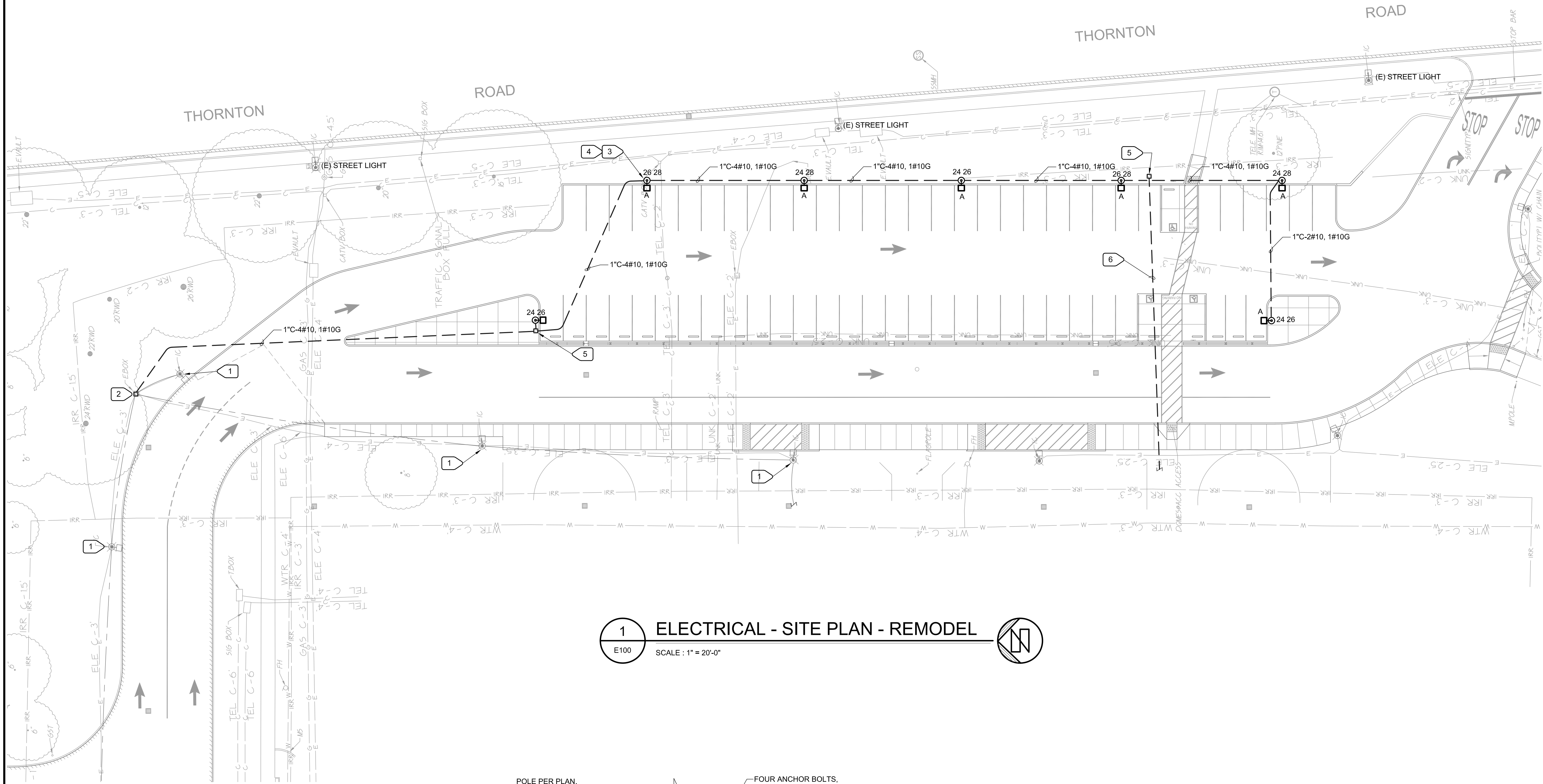
11 SEWER AND STORM DRAIN TRENCH
C5.1 NO SCALE



- A - 4" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK
B - 2 10" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK
C - 9 GA. GALV. TYPE C CHAIN LINK BLACK VINYL FABRIC
D - 1 5/8" OD SCH. 40 GALV. STEEL RAIL, POWDER COATED BLACK
E - 3/8" OD ADJUSTABLE INDUSTRIAL TRUSS ROD, POWDER COATED BLACK
F - 12 GA. ALUMINUM BLACK VINYL TIES AT 15" OC HORIZ. AND VERT.
G - ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, BLACK

12 4FT CHAIN LINK FENCE
C5.1 NO SCALE



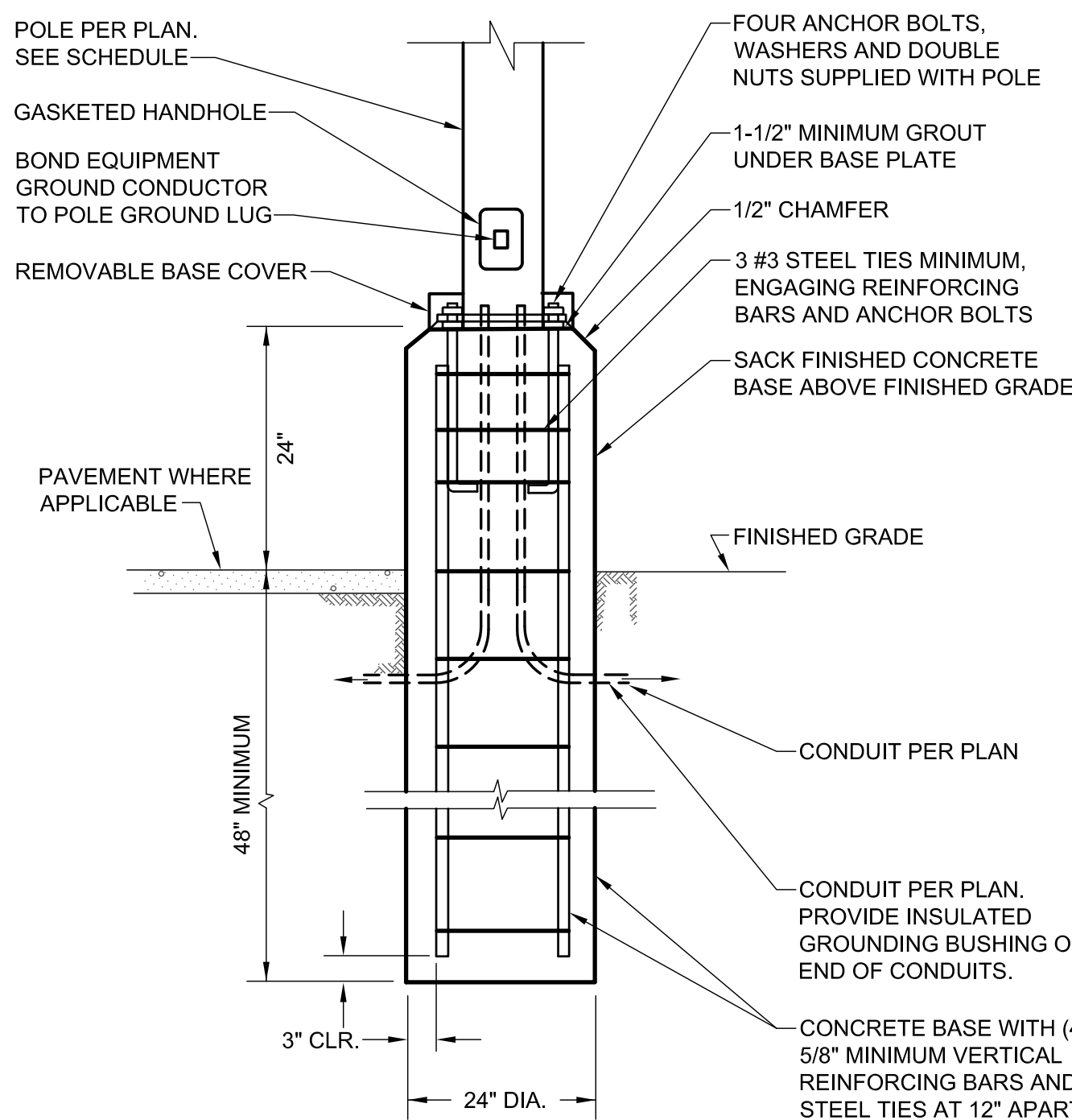


1 ELECTRICAL - SITE PLAN - REMODEL
E100 SCALE: 1" = 20'-0"

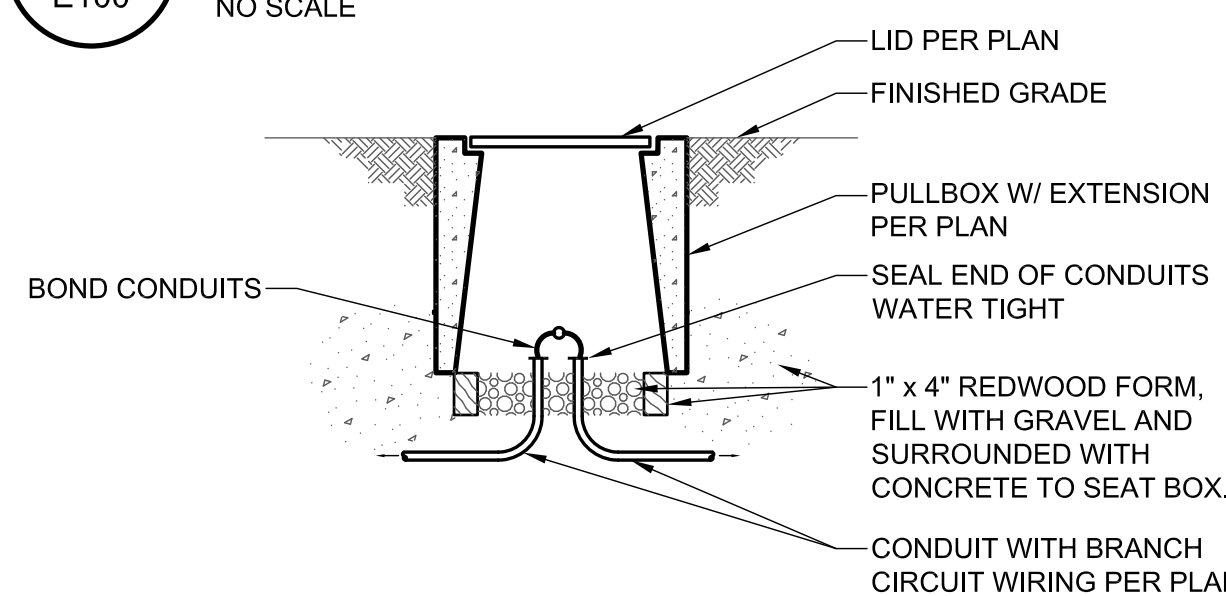
4 PARTIAL SITE PLAN
E100 SCALE: N.T.S.

NUMBERED NOTES:

- (E) POLE LIGHT CONNECTED TO PANEL HH, CKTS #24,26,28, VIA LIGHTING CONTROLLER.
- LOCATE (E) LIGHTING PULLBOX AND LIGHTING CKTS. #24,26,28. SPLICE (N) WIRING TO EXTEND LIGHTING CKTS. #24,26,28 TO (N) LIGHT FIXTURES. ADJUST (E) PULLBOX TO ENTER (N) CONDUIT.
- MOUNT PER DETAIL 2/E100. TYPICAL FOR (7) FIXTURES.
- CONNECT (N) POLE LIGHTS TO TIME CLOCK CONTROLLED CKTS. TYPICAL OF (7).
- PROVIDE N16 CHRISTY PULLBOX. INSTALL PER 3/E100.
- PROVIDE (2) 2" C.O. WITH PULL ROPE FOR FUTURE EV CHARGING STATION.
- ENTER (E) PULLBOX WITH (N) (2) 2" C.O. ADJUST AS REQUIRED.



2 POLE BASE MOUNTING DETAIL
E100 NO SCALE



3 UNDERGROUND PULL BOX
E100 NO SCALE

GENERAL NOTES:

THE INTENT OF THE DRAWINGS IS TO PROVIDE (N) PARKING LIGHTS, ASSOCIATED CONTROLLER AND INFRASTRUCTURE FOR (N) CARD REDERS, IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

THE DRAWINGS REPRESENT THE GRAPHIC PICTORIAL PORTIONS OF THE WORK. THE WORK (MEANING ALL MATERIALS, CONSTRUCTION METHODS, AND SERVICES NECESSARY TO COMPLETE THE TOTAL CONSTRUCTION PROJECT) SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE WORK, INCLUDING DIMENSIONS, QUALITY AND WORKMANSHIP, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

PERFORM ALL WORK IN ACCORDANCE WITH THE FOLLOWING CODES:

- CALIFORNIA ELECTRICAL CODE (CEC) WITH AMENDMENTS, THE NATIONAL FIRE PROTECTION ASSOCIATION NFPA NO. 70-2013, NATIONAL ELECTRICAL CODE (NEC), AND THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2.
- CALIFORNIA BUILDING CODE (CBC) WITH AMENDMENTS, THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2.
- TITLE 19, CALIFORNIA CODE OF REGULATIONS, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- STATE OF CALIFORNIA, TITLE 24, STATE BUILDING STANDARDS, PART 6, CALIFORNIA ENERGY CODE.
- ALL APPLICABLE STATE LOCAL CODES AND REGULATIONS.

ALL MATERIAL AND EQUIPMENT SHALL BE UL LISTED, LABELED, OR CERTIFIED FOR INTENDED USE BY A NATIONAL RECOGNIZED TESTING LABORATORY (NRTL) AS RECOGNIZED BY THE U.S. DEPARTMENT OF LABOR IF SUCH LISTING IS AVAILABLE FOR THAT TYPE OF MATERIAL OR EQUIPMENT. MATERIAL AND EQUIPMENT SHALL BEAR THE LISTING STICKER IN AN ACCESSIBLE LOCATION. PROVIDE NEW MATERIAL OF THE QUALITY SPECIFIED AND SATISFACTORY TO THE ENGINEER.

DATA GIVEN HEREIN AND ON THE PLANS ARE AS EXACT AS COULD BE PRACTICALLY SECURED, BUT THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED. PLANS AND SPECIFICATIONS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR AND EXACT LOCATIONS, DISTANCES, LEVELS, OBSTRUCTIONS, EXISTING CONDITIONS AND OTHER DATA WILL BE GOVERNED BY THE STRUCTURES.

LAYOUTS OF EQUIPMENT, ACCESSORIES, AND WIRING SYSTEMS ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. EXAMINE ARCHITECTURAL AND OTHER DRAWINGS, NOTING ALL CONDITIONS THAT MAY AFFECT THIS WORK. REPORT CONFLICTING CONDITIONS TO THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. SHOULD THE CONTRACTOR PROCEED WITH WORK WITHOUT PROPER AUTHORIZATION OR WITHOUT REPORTING THE MATTER, HE DOES SO AT HIS OWN RISK. IF THE ENGINEER DETERMINES THAT CORRECTIONS ARE NEEDED BECAUSE OF THE CONTRACTOR'S ACTIONS, THEY SHALL BE MADE AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

FIRMLY AND PERMANENTLY SECURE IN PLACE ALL ELECTRICAL EQUIPMENT TO THE STRUCTURE SO THAT IT IS LEVEL, PLUMB, AND TRUE WITH THE STRUCTURE AND OTHER EQUIPMENT, AND INSTALLED SUCH THAT IT WILL RESIST SEISMIC MOVEMENT. PERFORM ALL INSTALLATIONS IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS (E.G., UL STANDARDS), MANUFACTURERS

INSTRUCTIONS, DRAWINGS AND SPECIFICATIONS AND WITH THE METHODS RECOMMENDED BY THE NATIONAL ELECTRICAL CONTRACTORS' STANDARD OF INSTALLATION. NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE ABOVE PRIOR TO THE INSTALLATION OF MATERIALS.

CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND SERVICES AS POSSIBLE. SCHEDULE ANY POWER OR OTHER UTILITY SHUTDOWN WITH OWNER'S REPRESENTATIVE FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED ON OVERTIME HOURS IF SO DIRECTED BY THE OWNER.

ALL UL LISTED, NRTL, OR OTHER LISTED EQUIPMENT SHALL BE INSTALLED AS PER LISTING OR LABELING (I.E., MAXIMUM FUSE SIZE MEANS FUSE PROTECTION REQUIRED).

EXAMINE THE SITE PRIOR TO BID TO DETERMINE EXISTING SITE CONDITIONS, WHICH MAY AFFECT THE WORK. NO ALLOWANCE WILL BE ALLOWED FOR ANY EXTRA WORK REQUIRED DUE TO A FAILURE TO RECOGNIZE OR NEGLIGENCE TO DISCOVER CONDITIONS PRIOR TO BID.

INSTALL NAMEPLATES ON CIRCUIT BREAKERS AND SWITCHES, WHETHER PROVIDED UNDER THIS DIVISION OR SOME OTHER.

TEST GROUNDING SYSTEMS, FOR RESISTANCE TO EARTH, PROVIDE ADDITIONAL GROUNDING ELECTRODES, IF GROUND RESISTANCE EXCEEDS 5 OHMS.

PERFORM ALL TESTS SUGGESTED BY THE EQUIPMENT MANUFACTURERS.

VERIFY THAT EVERYTHING INSTALLED AS PART OF THE SCOPE OF WORK FUNCTIONS PROPERLY. VERIFY THAT ANY WORK PERFORMED DID NOT ADVERSELY AFFECT EXISTING SYSTEMS OR EQUIPMENT.

PVC CONDUIT:
1. SCHEDULE 40, NEMA TC2, TYPE II UNDERGROUND INSTALLATION.
2. MINIMUM SIZE, 3/4 INCH.

PRECAST CONCRETE BOXES

- PROVIDE HIGH-DENSITY REINFORCED CONCRETE PULL AND JUNCTION BOXES WITH H-20 TRAFFIC RATING. BOXES SHALL HAVE END AND SIDE KNOCKOUTS AND BE AS MANUFACTURED BY CHRISTY, FORNI, BROOKS, OR APPROVED EQUAL. FABRICATED BOXES WITH NON-SETTLING SHOULDERS TO FACILITATE MAINTAINING GRADE DURING BACKFILLING. UNLESS NOTED OTHERWISE, PROVIDE GALVANIZED STEEL CHECKER PLATE COVERS WITH HOLD-DOWN BOLTS, IDENTIFIED AS FOLLOWS:

SYSTEM	IDENTIFICATION
LIGHTING	LIGHTING
WIRE AND CABLE	

- CONDUCTOR: INSULATED COPPER, INDIVIDUAL CONDUCTORS, 98 PERCENT CONDUCTIVITY, #10 AWG, STRANDED, RETED 600 VOLTS AND 90 DEGREES WITH XHHW-2 INSULATION.

ELECTRICAL SYMBOL LIST

- ONE-ARM BRACKET LUMINAIRE, WITH POLE AND BASE
- ASTRONOMICAL TIME SWITCH
- CONDUIT RUN CONCEALED IN CEILINGS OR WALLS OR EXPOSED ABOVE GROUND. FOR CONCEALED CONDUITS PROVIDE EMT CONDUITS. FOR EXPOSED CONDUITS PROVIDE RIGID STEEL CONDUIT. WIRING SHALL BE SIZE AS DESCRIBE ON THE PLAN. PROVIDE COPPER WIRE WITH THHN TYPE INSULATION.
- CONDUIT RUN UNDERGROUND, PROVIDE SCHEDULE 40 OR SCHEDULE 80 PVC TYPE CONDUITS. WIRING SHALL BE SIZE AS DESCRIBE ON THE PLAN. PROVIDE COPPER WIRE WITH XHHW-2 OR THWN-2 TYPE INSULATION.
- EXISTING PANELBOARD - FLUSH MOUNTED
- DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET

SYMBOL LIST NOTES:

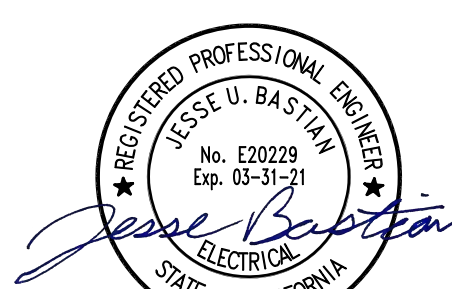
- EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
- VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.
- WHERE CONDUIT STUB IS INDICATED, PROVIDE CONDUIT WITH BUSHING AT THE END OF CONDUIT AND PULL ROPE INTO ACCESSIBLE CEILING AREA.

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	VOLTAGE	LAMP	MOUNTING	REMARK
	CATALOG NO.	DESCRIPTION	DESCRIPTION		NOTE No.
A	GARCO ECF-548L-900-NW-G2-AR-3-120V-BL-MR13-BK	277 VOLT PARKING LOT LIGHT	LED, 135 WATTS	POLE MONTED	1

LUMINAIRE SCHEDULE REMARK NOTES:

- PROVIDE WITH STEEL POLE, 4" SQUARE, 20' HIGH, PAINTED TO MATCH FIXTURE.



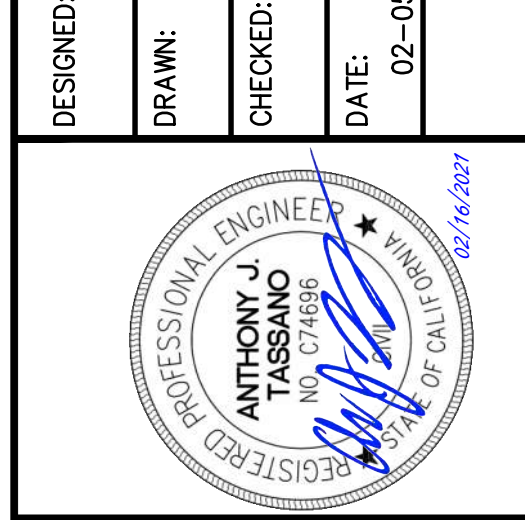
M. NEILS ENGINEERING, INC.
Electrical Engineers | Lighting Designers
100 Howe Ave., Suite 235N
Sacramento, CA 95825-9217
www.mneilsengineering.com
Tel: (916) 923-4400 Fax: (916) 923-4410
PROJECT #: 20354.21

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118898 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

A.P.N. BENCHMARK NO. 280 ELEV. 14.73
SAN JOAQUIN COUNTY, DIST. AND
WASHER MARKING COS MONUMENT
"9N-6" ON CENTERLINE OF
THORNTON RD APPROX 2775 FT
S/O EIGHT MILE RD.

HORIZONTAL SCALE: AS NOTED
VERTICAL SCALE: AS NOTED
JOB NO. 20-123

NO.		REVISIONS DESCRIPTION	DATE	AGENCY APPROVAL BY	DATE



SITE PLAN - ELECTRICAL - REMODEL
BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD
STOCKTON, CALIFORNIA
LODI UNIFIED SCHOOL DISTRICT.
SHEET NO.

E1.00

FILENAME: I:\20-125\CIVIL\DWG\20-125 CO.DWG

DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT LODI USD

2255 WAGNER HEIGHTS ROAD
STOCKTON, CA 95209

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118900 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

ELEV. 95.90
BENCHMARK NO. _____
HOLD FFE BUILDING PER STAFFORD,
KING AND ASSOCIATES DWG SHT. G-3
JOB# 1320 DATED JULY 30, 1984.


HORIZONTAL SCALE: _____
AS NOTED
VERTICAL SCALE: _____
AS NOTED
JOB NO. 20-124

DATE _____
BY _____
DATE _____

REVISIONS
DESCRIPTION
NO. _____
AT _____
DRAWN: _____
CHECKED: _____
DATE: 02-17-21

DESIGNED: _____
AT _____
DRAWN: _____
CHECKED: _____
DATE: 02-17-21

PROFESSIONAL ENGINEER
ANTHONY J. TASSONE
REGISTERED
STATE OF CALIFORNIA
02/16/2027

OWNER/USER

OWNER: LODI UNIFIED SCHOOL DISTRICT
1305 E. VINE STREET
LODI, CA 95240
PHONE: (209) 331-7000
CONTACT: VICKIE BRUM

PROJECT TEAM
CIVIL: WARREN CONSULTING ENGINEERS, INC.
1117 WINFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
PHONE: (916) 985-1870
FAX: (916) 985-1877
CONSTRUCTION MANAGER: CAPITAL PROGRAM MANAGEMENT
1651 HERITAGE LANE, SUITE 210
SACRAMENTO, CA 95815
PHONE: (916) 553-4400

DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
STOCKTON, CALIFORNIA

COVER SHEET
TITLE: _____
PROJECT: _____
SHEET NO. _____

DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
STOCKTON, CALIFORNIA

DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
STOCKTON, CALIFORNIA

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STOCKTON, CALIFORNIA

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STOCKTON, CALIFORNIA

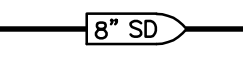

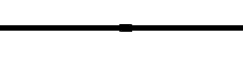


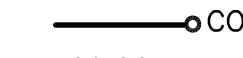
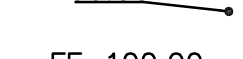


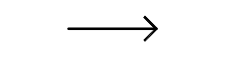
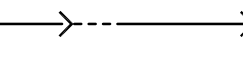



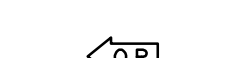



ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

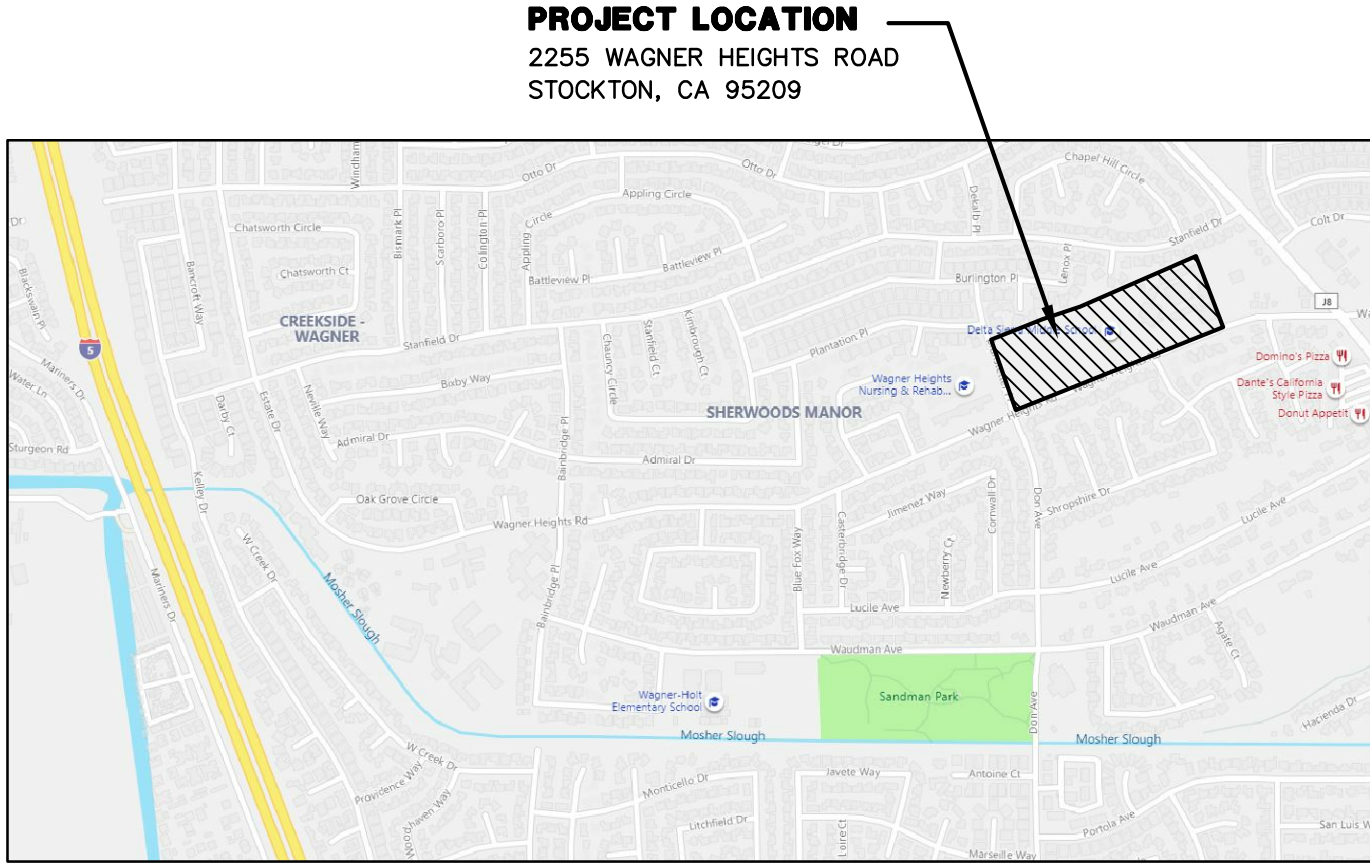
AB	AGGREGATE BASE	JP	JOINT UTILITY POLE
AC	ASPHALTIC CONCRETE	LP	LINEAL FEET
AD	AREA DRAIN	LIP	LIP OF GUTTER
APN	ASSESSOR'S PARCEL NUMBER	LT	LEFT
ARV	AIR RELEASE VALVE	MS	MOWSTRIP
ASB	AGGREGATE SUB-BASE	NTS	NOT TO SCALE
BO	BLOW-OFF VALVE	OH	OVERHEAD
BV	BUTTERFLY VALVE	PCC	PORTLAND CEMENT CONCRETE
BW	BACK OF WALK	PD	PLANTER DRAIN
C/L	CENTERLINE	PIV	POST INDICATOR VALVE
CB	CATCH BASIN	P/L	PROPERTY LINE
CL	CLASS	PP	POWER POLE
CMP	CORRUGATED METAL PIPE	PUE	PUBLIC UTILITY EASEMENT
CATV	CABLE TELEVISION	PVC	POLYVINYL CHLORIDE
CQ	CLEANOUT	RCP	REINFORCED CONCRETE PIPE
COMM	COMMUNICATION	r	RADIUS
CONC.	CONCRETE	RM	MANHOLE RIM ELEVATION
CONSTR.	CONSTRUCT	RP	REDUCED PRESSURE
CR	CURB RETURN	RP	BACKFLOW PREVENTER
CS	CONCRETE SURFACE	SD	SCHEDULE
CS	DOUBLE CHECK VALVE	SD	STORM DRAIN
DDC	DOUBLE DETECTOR CHECK VALVE	SDMH	STORM DRAIN MANHOLE
DG	DECOMPOSED GRANITE	SG	SUBGRADE ELEVATION
DIA	DIAMETER	SI	SIDE INLET
DIP	DUCTILE IRON PIPE	SS	SANITARY SEWER
DWG	DRAWING	SSMH	SANITARY SEWER MANHOLE
DS	DOWNSPOUT	STD	STANDARD
E	ELECTRIC	S/W	SIDEWALK
EP	EDGE OF PAVEMENT	TC	TELEPHONE
ESMT	EASEMENT	TD	TOP OF CURB
EX	EXISTING	TD	TRENCH DRAIN
FS	FIRE SERVICE LINE	TDCB	TRENCH DRAIN CATCH BASIN
FDC	FIRE DEPARTMENT CONNECTION	TRW	TOP OF RETAINING WALL
FL	FLOWLINE	TSW	TOP OF SEAT WALK
FM	SANITARY SEWER FORCE MAIN	TW	TOP OF WALK ELEVATION
FF	FINISHED FLOOR ELEVATION	U	UTILITY
FH	FIRE HYDRANT	UC	UNDERGROUND
G	GRATE ELEVATION	VCP	VITRIFIED CLAY PIPE
GR	GRADE ELEVATION	W	WATER
GV	GATE VALVE	W	WITH
HB	HOSE BIBB	W/O	WITHOUT
HDB	HEADER BOARD	WV	WATER VALVE
HDP	HIGH DENSITY POLYETHYLENE PIPE		
HP	HIGH POINT		
INV	PIPE INVERT ELEVATION		

SYMBOLS LEGEND

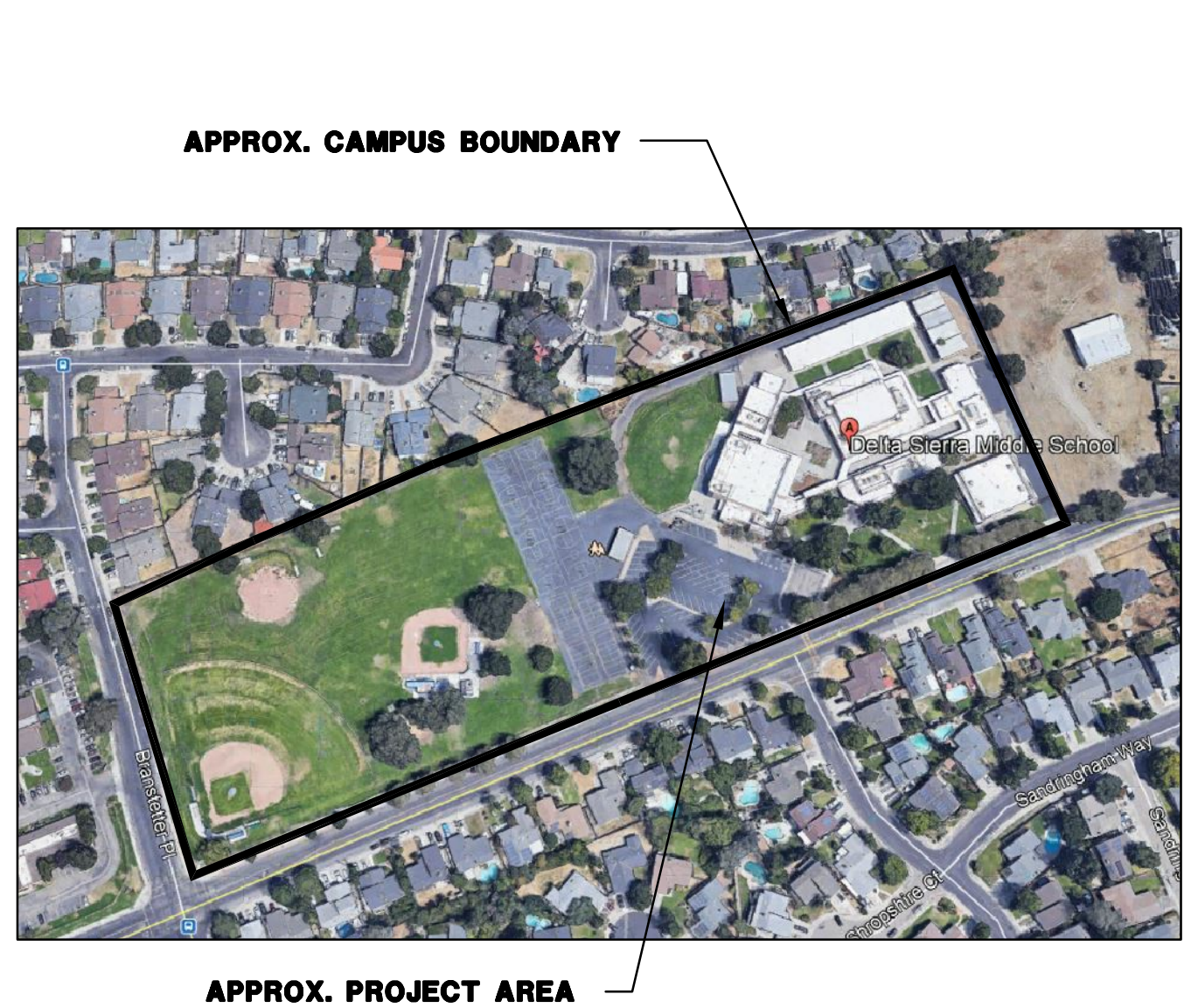
NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:	PROPOSED WATER SYMBOLS:
 STORM DRAIN LINE (SIZE AND FLOW SHOWN)	NONE - N/A
 STORM DRAIN MANHOLE (SDMH)	PROPOSED SANITARY SEWER SYMBOLS:
 CATCH BASIN (CB)	NONE - N/A
 DROP INLET (DI)	
 AREA DRAIN (AD)	
 PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)	
 STORM DRAIN CLEANOUT	
 ELEVATION	
 FINISHED FLOOR ELEVATION	
 BUILDING PAD ELEVATION	
 CONCRETE SIDEWALK	
 GRADED DIRECTION FOR DRAINAGE FLOW	
 SWALE	
 SLOPE	
 TREE TO BE REMOVED	
 TREE TO REMAIN	
 RETAINING WALL	
 OVERLAND RELEASE PATH	

VICINITY MAP



SITE MAP



APPLICABLE CODES & STANDARDS

- BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2012 INTERNATIONAL BUILDING CODE VOLUME 1-2 AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CBC), PART 5, TITLE 24 C.C.R. (2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R. (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2016 GREEN CALIFORNIA BUILDING STANDARDS, CALGREEN CODE, TITLE 24, PART 11
- 2016 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

PROJECT NARRATIVE

- THE PROJECT CONSISTS OF:
- CONSTRUCTION OF NEW PARKING LOT, DRIVEWAYS AND VARIOUS CONCRETE PATHWAYS, WITH NEW CONCRETE AND ASPHALT PAVING AND STRIPING.
 - ACCESSIBLE PATH OF TRAVEL UPGRADES HAVE BEEN PROVIDED AS REQUIRED BY CBC 2019, 11B-202.4.
- THERE ARE NO NEW OR EXISTING BUILDINGS, BUILT, UPGRADED OR MODERNIZED BY THIS SET OF PLANS, ONLY PAVEMENT REPLACEMENT AND ACCESSIBILITY UPGRADES TO COMPONENTS OF THE EXISTING PATHS OF TRAVEL WITHIN THE PROJECT SCOPE.

APPLICABLE REGULATIONS

- ADDENDA AND CHANGE ORDER PER SECTION 4-338.
- INSPECTOR APPROVAL BY D.S.A. INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(B) AND 4-342, DUTIES OF PROJECT INSPECTOR.
- TESTS AND TESTING LABORATORY PER SECTION 4-335 (DISTRICT SHALL PAY FOR THE TESTING LABORATORY).
- SPECIAL INSPECTIONS PER SECTION 4-333(C).
- CONTRACTOR SHALL SUBMIT VERIFIED REPORTS PER SECTION 4-336 AND 4-343(C), DUTIES OF THE CONTRACTOR.
- DUTIES OF THE PROFESSIONAL ENGINEER (P.E.) SECTION 4-333(A) AND 4-341.
- GOVERNING CODES TITLES 24, C.C.R.
- A COPY OF TITLE 24 PART 1 AND PART 2 SHALL BE KEPT ON SITE AND AVAILABLE AT ALL TIME DURING CONSTRUCTION.
- D.S.A. SHALL BE NOTIFIED OF START OF CONSTRUCTION PER SECTION 4-331.
- SUPERVISION BY THE DIVISION OF STATE ARCHITECTS (D.S.A.) PER SECTION 4-334.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO GIVE DIRECTION TO CONSTRUCT THE IMPROVEMENTS SHOWN HEREIN FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS, SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TOO, AND APPROVED BY D.S.A. BEFORE PROCEEDING WITH WORK.

DEFERRED APPROVALS

NONE

STATEMENTS:

NONE

GENERAL NOTES

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE 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 SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION AND/OR OBSERVATION TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND, WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4" THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

- PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
- ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0%, AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
 - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.

ENCROACHMENT PERMIT REQUIRED FOR ALL WORK INSIDE THE PUBLIC RIGHT OF WAY OR PUBLIC UTILITY EASEMENT.

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ACCESSIBLE PATH OF TRAVEL (P.O.T.)

TO THE BEST OF THE KNOWLEDGE OF THE ENGINEER, OR THE DISTRICT, THE PATH OF TRAVEL (P.O.T.) AS INDICATED, IS A BARRIER FREE ACCESS ROUTE CONFORMING TO THE FOLLOWING:

1. THERE ARE NO ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1V:2H MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. (11B-403.5.1)
2. THE MINIMUM WIDTH OF THE P.O.T. IS 48" AT ANY GIVEN POINT. (11B-403.5.1)
3. THE SURFACE OF THE P.O.T. STABLE, FIRM, AND SLIP RESISTANT. (11B-403.2)
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5.0% (11B-403.3), UNLESS OTHERWISE INDICATED, WITH THE FOLLOWING EXCEPTIONS:
 - A. THE SLOPED PORTION OF "RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-405.2).
 - B. THE SLOPED PORTION OF A "CURB RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-406.2.1 AND 11B-406.3.1).
5. THE CROSS SLOPE OF THE ACCESSIBLE PATH OF TRAVEL DOES NOT EXCEED 2% AT ANY GIVEN POINT (11B-403.3).
6. THE ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307).
7. THERE ARE NO PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
8. PASSING SPACES AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. (11B-403.5.3)
9. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. (11B-407.3)
10. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING. (11B-303.5)
11. ENGINEER AND CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
12. THERE ARE NO GRATINGS WITHIN THE PATH OF TRAVEL WITH GRATE OPENINGS EXCEEDING 1/2" IN THE DIRECTION OF TRAVEL. (11B-302.3)

PARKING DATA	
STANDARD STALLS -	60
ACCESSIBLE STALLS -	3
TOTAL	63

LEGEND

- EXISTING BUILDING NOT MODERNIZED BY THIS APPLICATION.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.)
- LIMIT/END OF PATH OF TRAVEL THIS PROJECT.
- CONTINUATION OF PATH OF TRAVEL INTO ACCESSIBLE AREA.
- EXISTING CONCRETE WALKWAY
- PROPOSED CONCRETE WALKWAY
- PROPOSED AC PAVING
- LIMIT OF WORK, THIS PROJECT

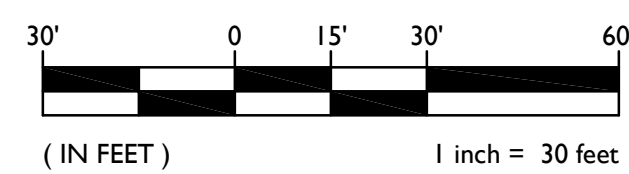
DSA PR-1901

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDINGS OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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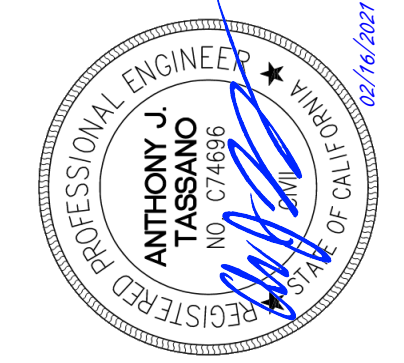
A.P.N. BENCHMARK NO. ELEV. 95.90

HORIZONTAL SCALE: AS NOTED
VERTICAL SCALE: AS NOTED
JOB NO. 20-124

AGENCY APPROVAL
DATE
BY

REVISIONS
DESCRIPTION
DATE

NO.
AT
DRAWN: AT
CHECKED: AT
DATE: 02-17-21



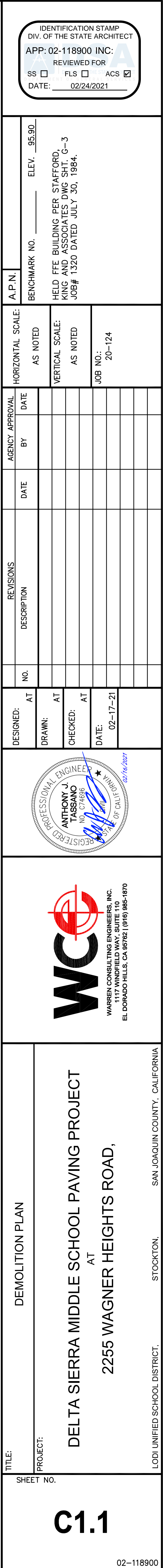
TITLE: OVERALL SITE PLAN

PROJECT: DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
LODI UNIFIED SCHOOL DISTRICT, STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA

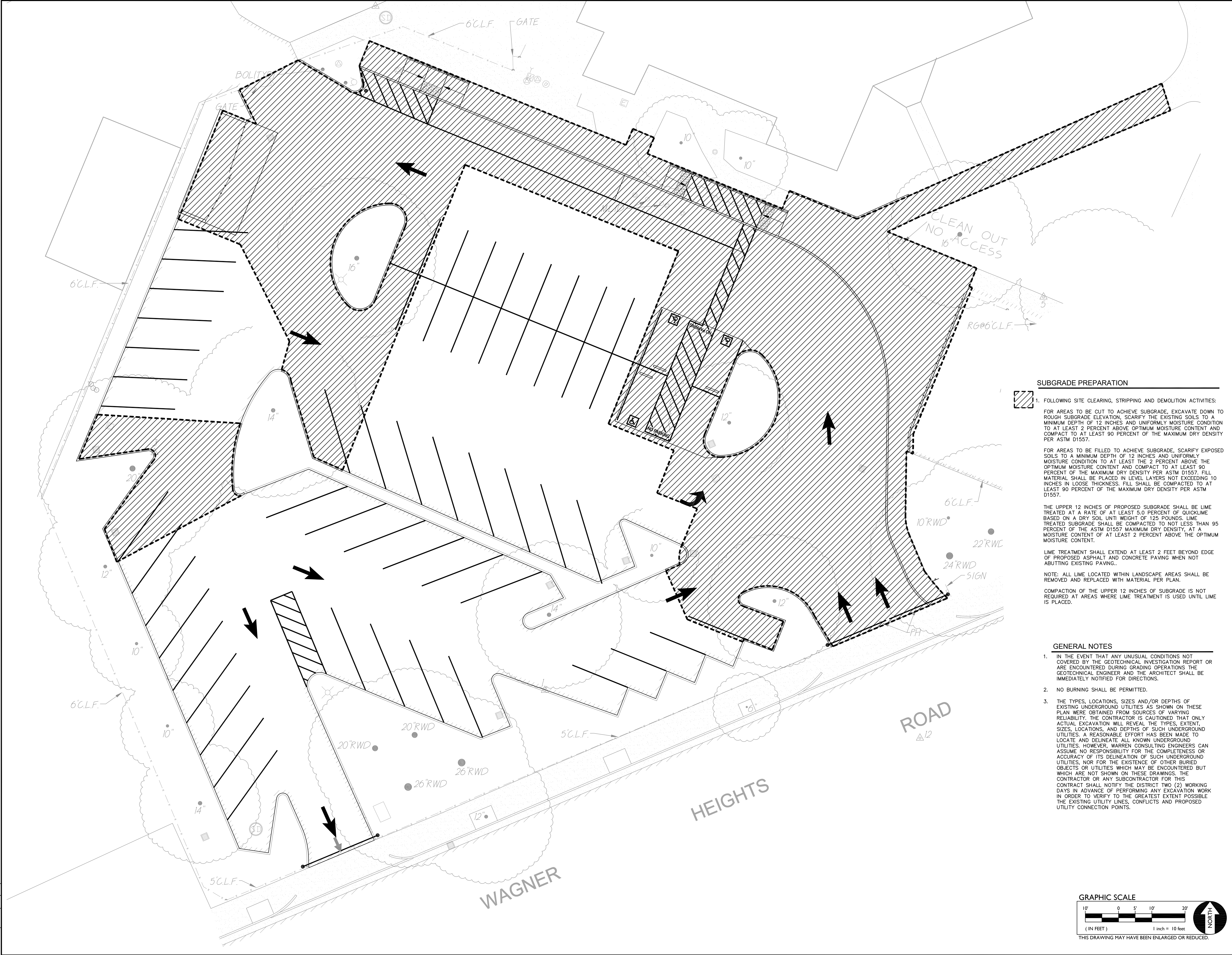
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02-118900



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SUBGRADE PREPARATION

1. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:
- FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557. FILL MATERIAL SHALL BE PLACED IN LEVEL LAYERS NOT EXCEEDING 10 INCHES IN LOOSE THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

THE UPPER 12 INCHES OF PROPOSED SUBGRADE SHALL BE LIME TREATED AT A RATE OF AT LEAST 5.0 PERCENT OF QUICKLIME BASED ON A DRY SOIL UNTIL WEIGHT OF 125 POUNDS. LIME TREATED SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE ASTM D1557 MAXIMUM DRY DENSITY, AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT.

LIME TREATMENT SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING.

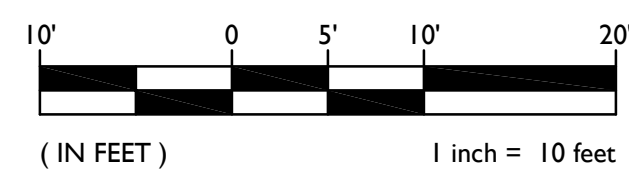
NOTE: ALL LIME LOCATED WITHIN LANDSCAPE AREAS SHALL BE REMOVED AND REPLACED WITH MATERIAL PER PLAN.

COMPACTION OF THE UPPER 12 INCHES OF SUBGRADE IS NOT REQUIRED AT AREAS WHERE LIME TREATMENT IS USED UNTIL LIME IS PLACED.

GENERAL NOTES

- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING SHALL BE PERMITTED.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.

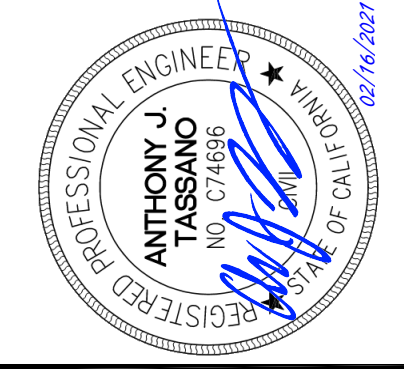
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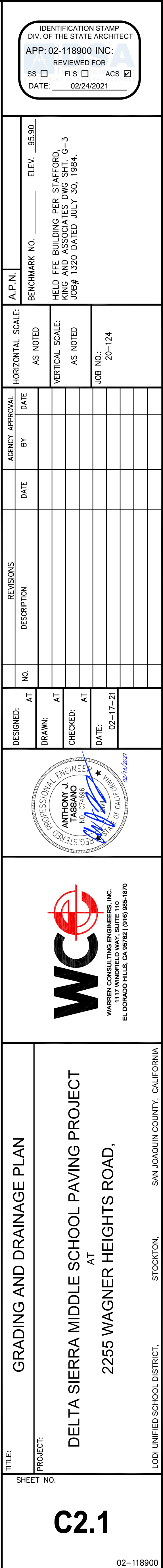
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SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

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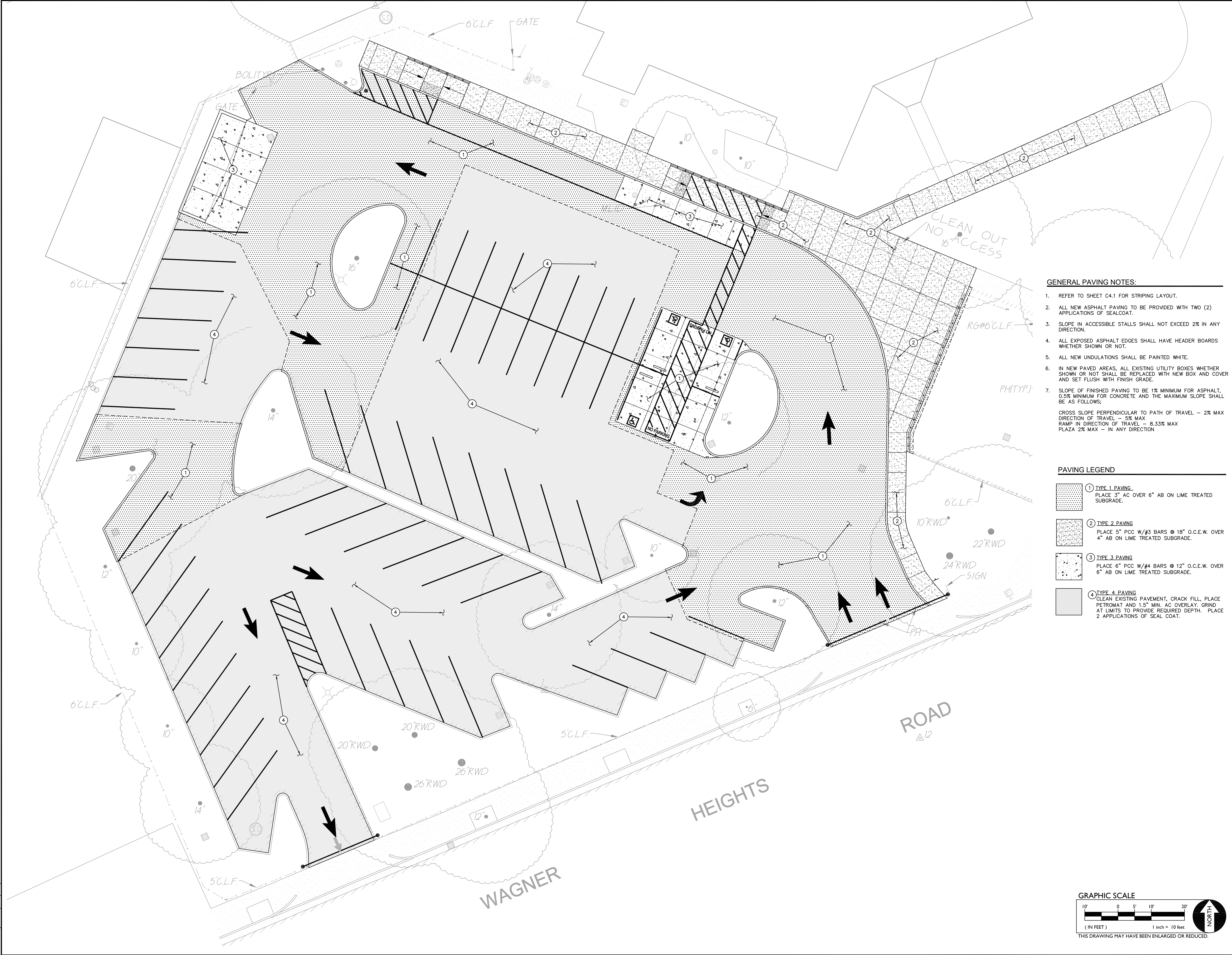


TITLE: ENGINEERED FILL PLAN
PROJECT: DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
LODI UNIFIED SCHOOL DISTRICT, STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA

SHEET NO. C1.2

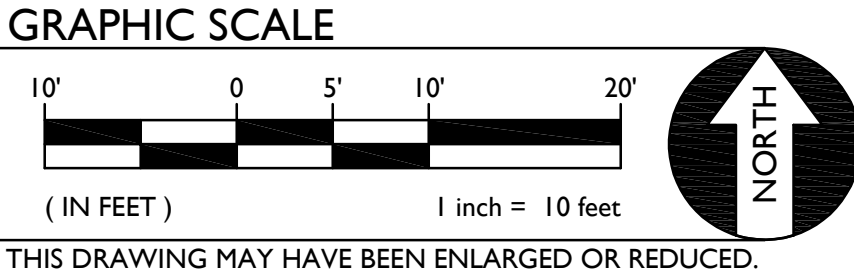


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- GENERAL PAVING NOTES:**
- REFER TO SHEET C4.1 FOR STRIPING LAYOUT.
 - ALL NEW ASPHALT PAVING TO BE PROVIDED WITH TWO (2) APPLICATIONS OF SEALCOAT.
 - SLOPE IN ACCESSIBLE STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.
 - ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
 - ALL NEW UNDULATIONS SHALL BE PAINTED WHITE.
 - IN NEW PAVED AREAS, ALL EXISTING UTILITY BOXES WHETHER SHOWN OR NOT SHALL BE REPLACED WITH NEW BOX AND COVER AND SET FLUSH WITH FINISH GRADE.
 - SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 2% MAX
DIRECTION OF TRAVEL - 5% MAX
RAMP IN DIRECTION OF TRAVEL - 8.33% MAX
PLAZA 2% MAX - IN ANY DIRECTION

- PAVING LEGEND**
- 1 TYPE 1 PAVING**
PLACE 3" AC OVER 6" AB ON LIME TREATED SUBGRADE.
 - 2 TYPE 2 PAVING**
PLACE 5" PCC W/#3 BARS @ 18" O.C.E.W. OVER 4" AB ON LIME TREATED SUBGRADE.
 - 3 TYPE 3 PAVING**
PLACE 6" PCC W/#4 BARS @ 12" O.C.E.W. OVER 6" AB ON LIME TREATED SUBGRADE.
 - 4 TYPE 4 PAVING**
CLEAN EXISTING PAVEMENT, CRACK FILL, PLACE PETROMAT AND 1.5" MIN. AC OVERLAY, GRIND AT LIMITS TO PROVIDE REQUIRED DEPTH. PLACE 2 APPLICATIONS OF SEAL COAT.



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ELEV. 95.90

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VERTICAL SCALE:
AS NOTED

JOB NO. 20-124

AGENCY APPROVAL
DATE _____

BY _____

DATE _____

REVISIONS
DESCRIPTION
NO. _____

DESIGNED:
AT _____
DRAWN:
AT _____
CHECKED:
AT _____
DATE: 02-17-21

TITLE: PAVING PLAN

PROJECT: DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
AT
2255 WAGNER HEIGHTS ROAD,
LODI UNIFIED SCHOOL DISTRICT. STOCKTON. SAN JOAQUIN COUNTY, CALIFORNIA

SHEET NO.

C3.1

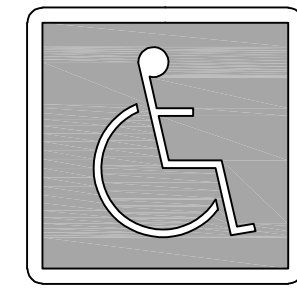
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STRIPING GENERAL NOTES

- CONTRACTOR SHALL PROVIDE 1 COAT OF TEMPORARY STRIPING PRIOR TO SEAL COAT PLACEMENT. FOLLOWING SEALCOAT PLACEMENT (A MINIMUM OF 30 DAYS AFTER ASPHALT PAVEMENT PLACEMENT), FINAL 2 COATS OF STRIPING WILL BE REQUIRED.

STRIPING AND SIGNAGE NOTES

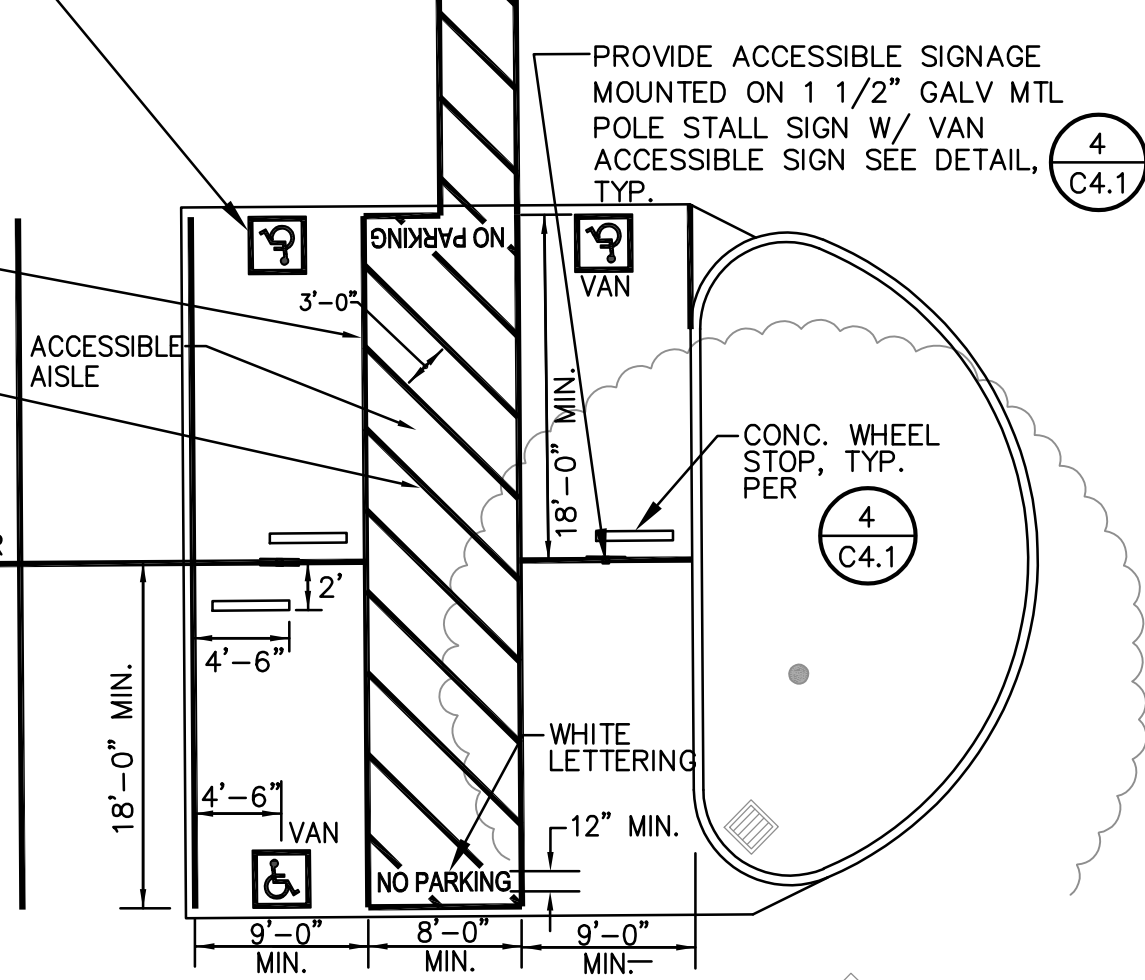
- PROVIDE CALTRANS DETAIL 27B (4" WHITE), TYPICAL OF STALLS.
- PROVIDE CALTRANS, FHWA TYPE 1 ARROW.
- PROVIDE ACCESSIBLE STRIPING/SIGNAGE PER MEET ALL REQUIREMENTS AS STATED ON SHEET C1.0
- PROVIDE "UNAUTHORIZED VEHICLE" TOWING SIGN PER
- PAINT 4" WIDE WHITE EDGE LINES AND 4" WIDE WHITE CROSS HATCHING LINES AT 36" O.C.
- PAINT CURB RED WITH 4" HIGH, 3/4" WIDE STROKE SAYING "NO PARKING - FIRE LANE". MARKINGS SHALL BE LOCATED EVERY 25'.
- PAINT 4" WIDE WHITE STRIPE.
- PROVIDE CALTRANS, FHWA TYPE 4 ARROW.
- PAINT 6" WIDE RED STRIPE ON ASPHALT WITH 4" HIGH, 3/4" WIDE STROKE SAYING "NO PARKING - FIRE LANE". MARKINGS SHALL BE LOCATED EVERY 25'.



WHITE SYMBOL OF ACCESSIBILITY TO BE 36" HIGH X 36" WIDE ON A BLUE BACKGROUND INTERNATIONAL SYMBOL OF ACCESSIBILITY STALL EMBLEM, TYP.

THE ACCESS AISLE IS MARKED BY A BORDER THAT IS PAINTED BLUE.

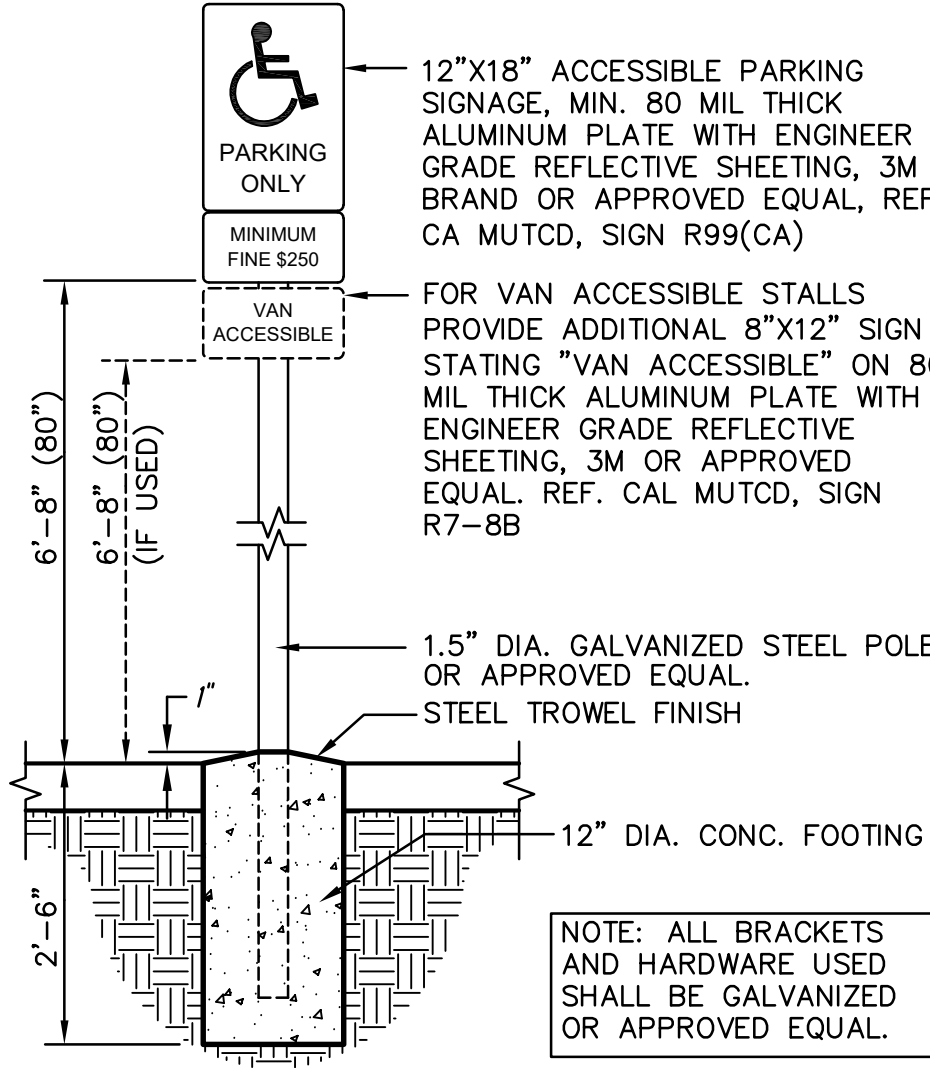
WITHIN THE BLUE BORDER, HATCHED LINES THAT ARE A MAXIMUM OF 36" ON-CENTER ARE PAINTED WITH COLOR THAT CONTRASTS WITH THE PARKING SURFACE, PREFERABLY BLUE OR WHITE.



SLOPE IS ACCESSIBLE PARKING AND ACCESS AISLE SHALL NOT EXCEED 1.8% IN ANY DIRECTION.

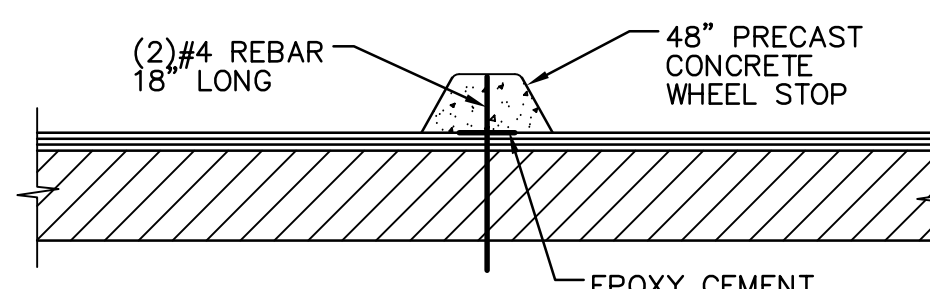
1 ACCESSIBLE PARKING STRIPING AND SIGNAGE

(C4.1) (CALIFORNIA ONLY)



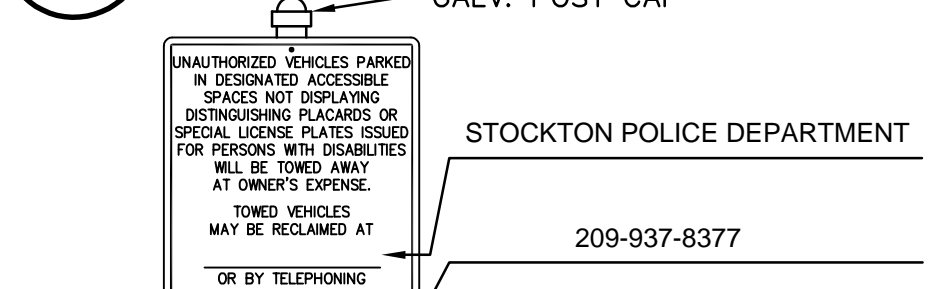
2 PARKING SIGNAGE

(C4.1) ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



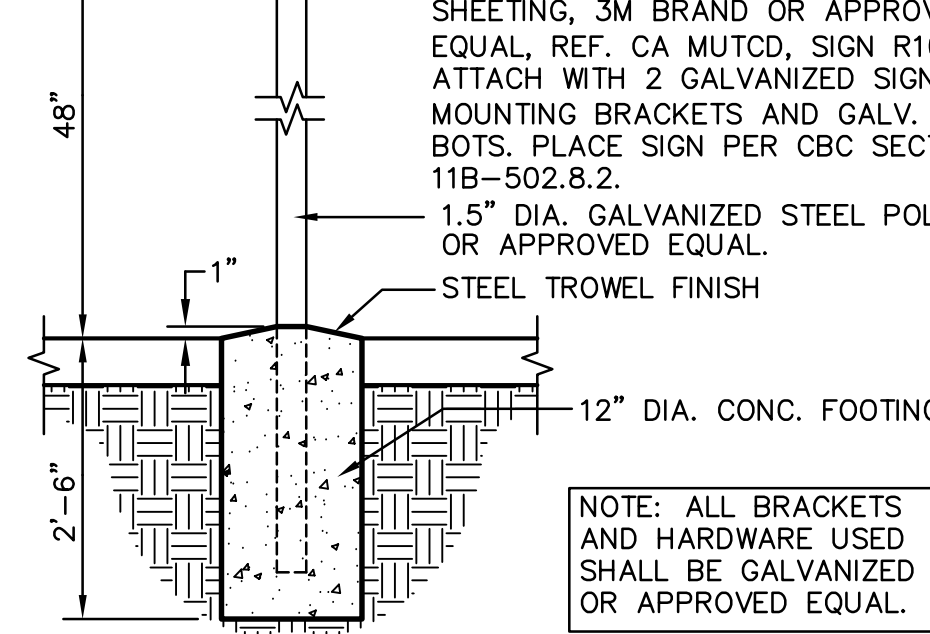
3 CONCRETE WHEEL STOP

(C4.1) NO SCALE



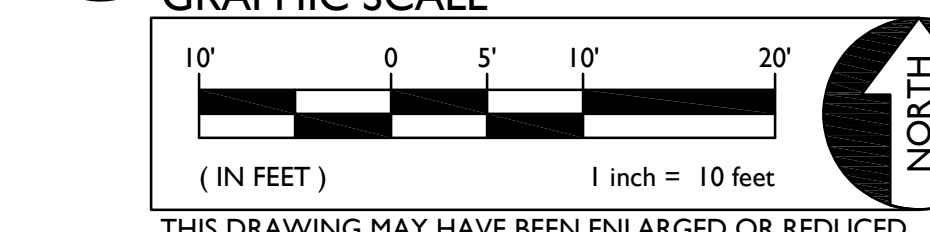
4 PARKING AREA SIGN

(C4.1) (CALIFORNIA ONLY) NO SCALE



4 PARKING AREA SIGN

(C4.1) (CALIFORNIA ONLY) NO SCALE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118900 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 02/24/2021

A.P.N. _____
BENCHMARK NO. _____
ELEV. 95.90
HORIZONTAL SCALE: _____
AS NOTED
VERTICAL SCALE: _____
AS NOTED
JOB NO. 20-124

DESIGNED: _____
AT _____
DRAWN: _____
AT _____
CHECKED: _____
AT _____
DATE: 02-17-21

NO. _____
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DATE: 02-17-21

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