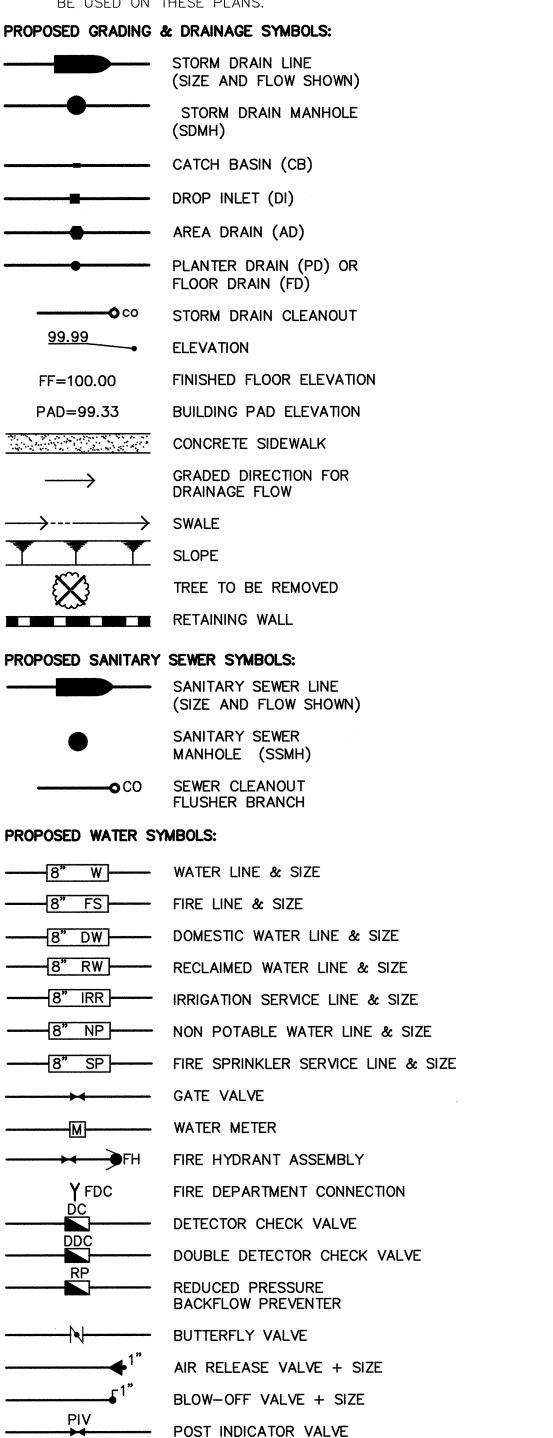


CLYDE W. NEEDHAM ELEMENTARY SCHOOL

420 S PLEASANT AVENUE LODI, CA 95240



NOTE: NOT ALL SYMBOLS MAY

BE USED ON THESE PLANS.

STORM DRAIN LINE

DROP INLET (DI)

FLOOR DRAIN (FD)

CONCRETE SIDEWALK

DRAINAGE FLOW

SANITARY SEWER

SEWER CLEANOUT FLUSHER BRANCH

MANHOLE (SSMH)

RETAINING WALL

PROPOSED WATER SYMBOLS:

PROPOSED SANITARY SEWER SYMBOLS:

8" FS FIRE LINE & SIZE

BUTTERFLY VALVE

NOTE: NOT ALL ABBREVIATIONS

MAY BE USED ON THESE PLANS.

AGGREGATE BASE

AREA DRAIN

ASPHALTIC CONCRETE

AIR RELEASE VALVE

AGGREGATE SUB-BASE BLOW-OFF VALVE BUTTERFLY VALVE BACK OF WALK CENTERLINE CATCH BASIN

CORRUGATED METAL PIPE

CABLE TELEVISION

COMMUNICATION

CLEANOUT

CONCRETE

CONSTRUCT

DROP INLET

DOWNSPOUT

EASEMENT

EXISTING

FLOWLINE

DIAMETER

CURB RETURN

CONCRETE SURFACE DOUBLE CHECK VALVE

DUCTILE IRON PIPE

EDGE OF PAVEMENT

FIRE SERVICE LINE

FLOOR DRAIN

FIRE HYDRANT

GRADE BREAK

HOSE BIBB

LINEAL FEET

MOWSTRIP

OVERHEAD

LIP OF GUTTER

NOT TO SCALE

BUILDING PAD

PLANTER DRAIN

PROPERTY LINE

RIGHT OF WAY

SCHEDULE

STANDARD

SIDEWALK

TELEPHONE

TOP OF CURB

TRENCH DRAIN

UNDERGROUND

WITH

WITHOUT

WATER VALVE

TELEPHONE POLE

TOP OF SEAT WALL

VITRIFIED CLAY PIPE

TOP OF RETAINING WALL

TOP OF WALK ELEVATION

UNLESS OTHERWISE NOTED

STD

S/W

STORM DRAIN

POWER POLE

POST INDICATOR VALVE

PUBLIC UTILITY EASEMENT

REINFORCED CONCRETE PIPE

MANHOLE RIM ELEVATION (SOLID COVER)

REDUCED PRESSURE BACKFLOW PREVENTER

POLYVINYL CHLORIDE

STORM DRAIN MANHOLE

FIRE SPRINKLER SERVICE

SANITARY SEWER MANHOLE

TRENCH DRAIN CATCH BASIN

SUBGRADE ELEVATION

SANITARY SEWER

GRATE ELEVATION

GRADE ELEVATION GATE VALVE

HEADER BOARD

PIPE INVERT ELEVATION

JOINT UTILITY POLE

DOUBLE DETECTOR CHECK VALVE

FIRE DEPARTMENT CONNECTION

SANITARY SEWER FORCE MAIN

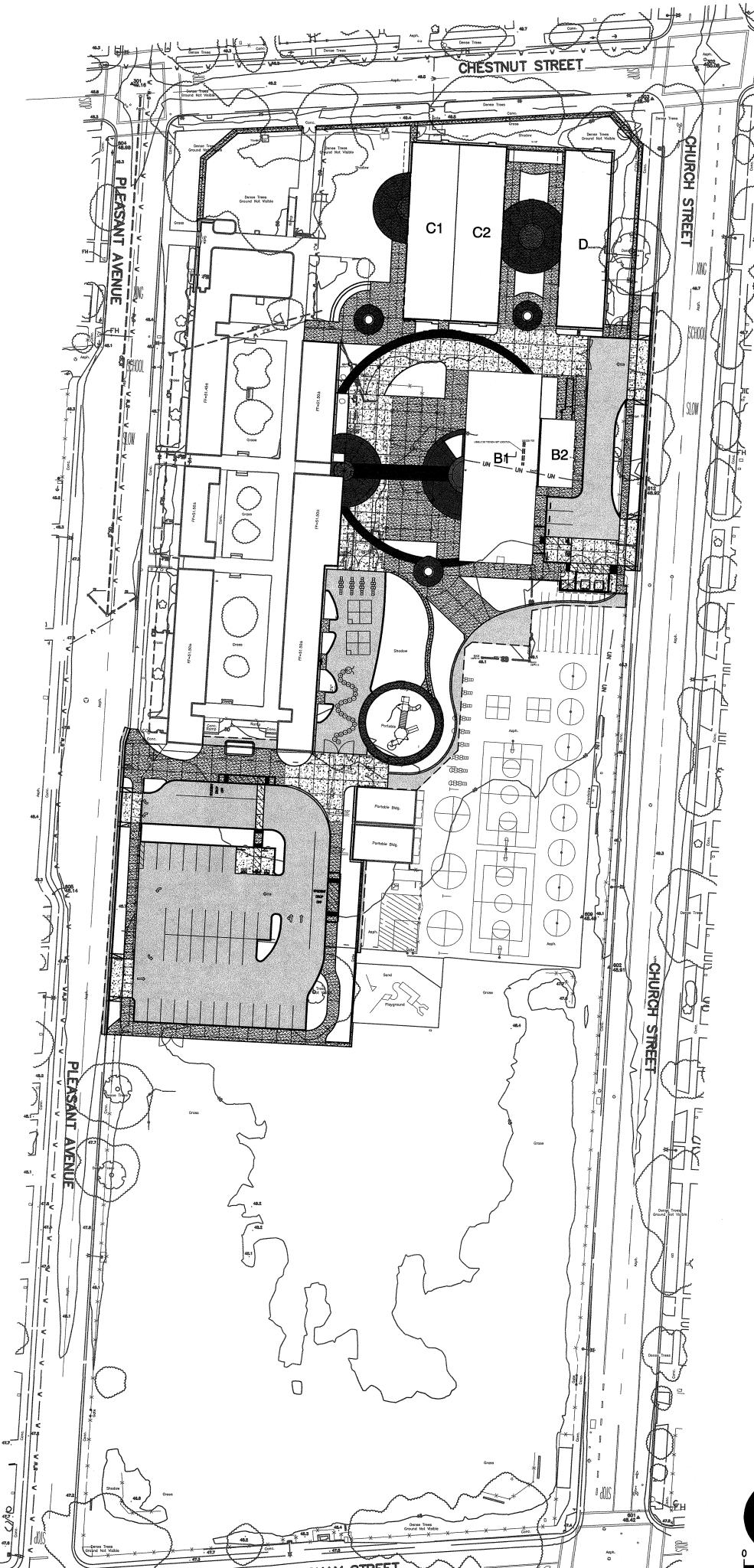
HIGH DENSITY POLYETHYLENE PIPE

PORTLAND CEMENT CONCRETE

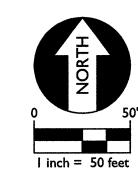
FINISHED FLOOR ELEVATION

CONST

ASSESSOR'S PARCEL NUMBER



PROJECT LOCATION



SCALE: 1"=50'

SHEET LEGEND

SHEET	DESCRIPTION
	CIVIL ON-SITE
C0.1	CIVIL COVER SHEET
C0.2	PARTIAL TOPOGRAPHIC SURVEY
C0.3	PARTIAL TOPOGRAPHIC SURVEY
C1.1	PARTIAL DEMOLITION PLAN
C1.2	PARTIAL DEMOLITION PLAN
C1.3	ENGINEERED FILL PLAN
C2.1	PARTIAL GRADING PLAN
C2.2	PARTIAL GRADING PLAN
C3.1	PARTIAL DRAINAGE AND SEWER PLAN
C3.2	PARTIAL DRAINAGE AND SEWER PLAN
C4.1	DOMESTIC WATER AND FIRE PROTECTION PLAN
C5.1	PAVING PLAN
C6.1	EROSION CONTROL PLAN
C7.1	DETAILS AND SECTIONS
C7.2	DETAILS AND SECTIONS

PLEASANT AVENUE IMPROVEMENT PLAN CHURCH STREET IMPROVEMENT PLAN CHESTNUT STREET IMPROVEMENT PLAN

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 Know what's below. 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.

CIVIL OFF-SITE

OFF-SITE COVER SHEET

OFF-SITE GENERAL NOTES



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

3. 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.

6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE 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

8. 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.

9. 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.

10. 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

11. 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

12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.

13. 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

14. 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.

15. 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.

16. 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. 17. 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. 18. 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.

19. 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.

20. 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 SLAB CONSTRUCTION.

21. 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.

22. 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

23. 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

GENERAL PAVING SURFACE NOTES:

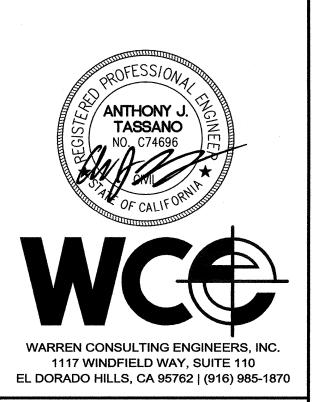
1. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.

2. 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.

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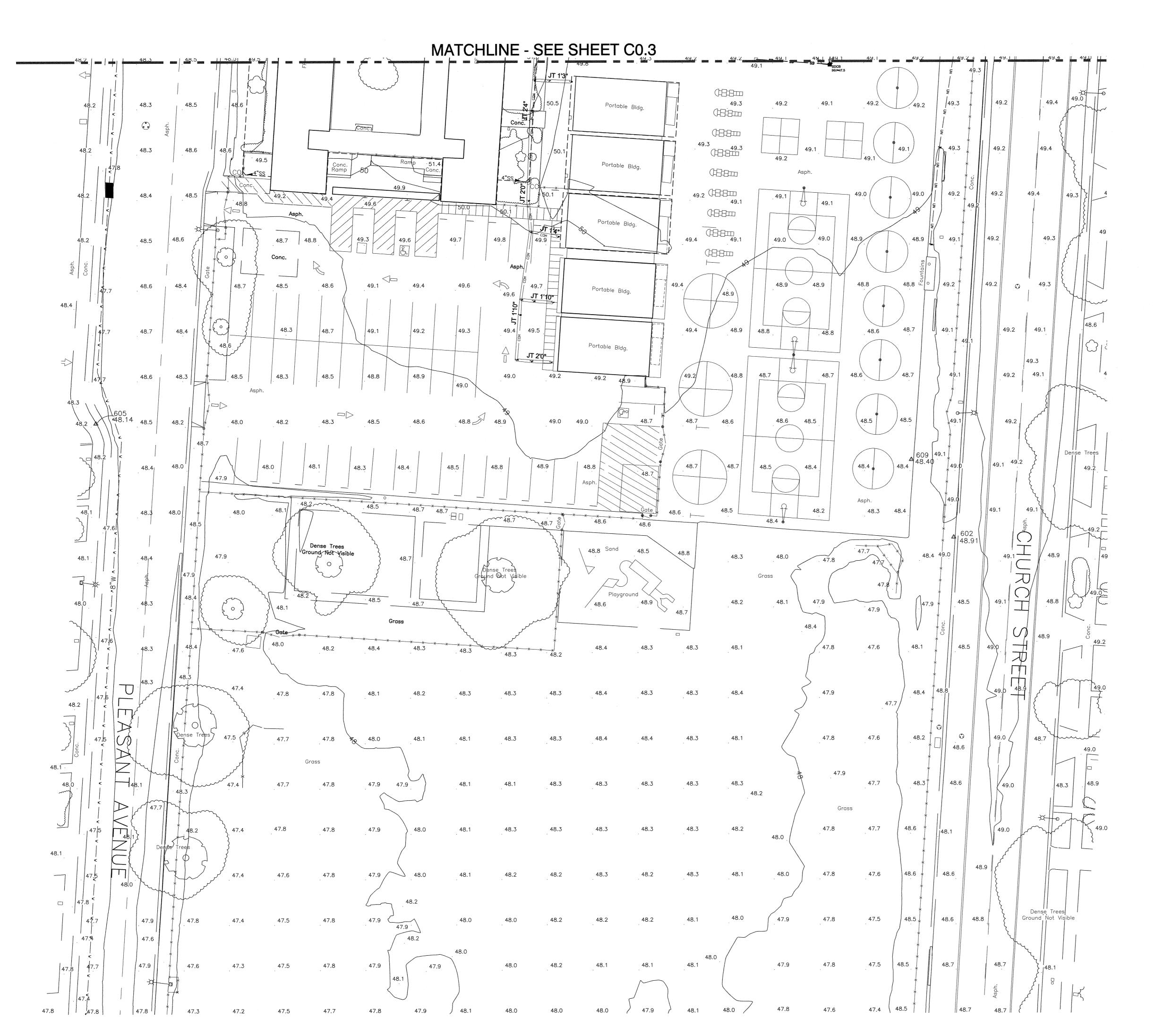


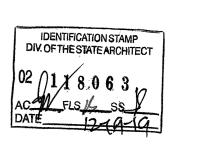
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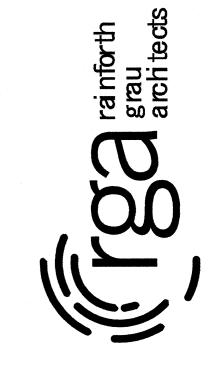
COVER SHEET

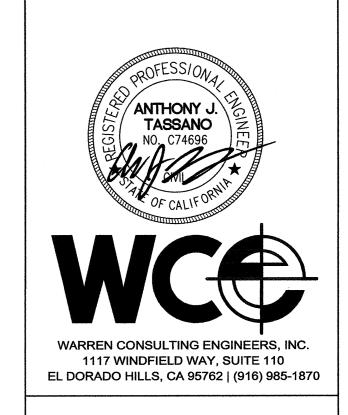
PROJECT NO.

FILENAME:I:\19-065\CIVIL\DWG\19-065-C01.DWG









SURVEY CONTROL STATEMENT COORDINATES, BEARINGS, AND DISTANCES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3, SURVEY FEET UNITS. AS REFERENCED BY AVAILABLE CITY OF LODI GPS CONTROL MONUMENTS PER RECORD OF SURVEY FILE D IN BOOK 37 OF SURVEYS, PAGE 50, SAN JOAQUIN COUNTY. ALL COORDINATES ARE GRID WITH A 2007.00 EPOCH DATE ADJUSTMENT. A CONVERGENCE ANGLE OF -0°28'31 AND THE COMBINED SCALE FACTOR WERE ARE BASED AT PONT 601. GROUND DISTANCES MUST BE MULTIPLIED BY 0.999953285 TO OBTAIN GRID DISTANCES, MULTIPLY GRID DISTANCES BY 1.00004572 TO OBTAIN GROUND DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), AS PER CITY OF LODI BENCHMARK 1115 ELEVATION 48.06 FEET, LOCATED AT THE NORTHWEST CORNER OF TOKAY STREET AND CHURCH STREET.

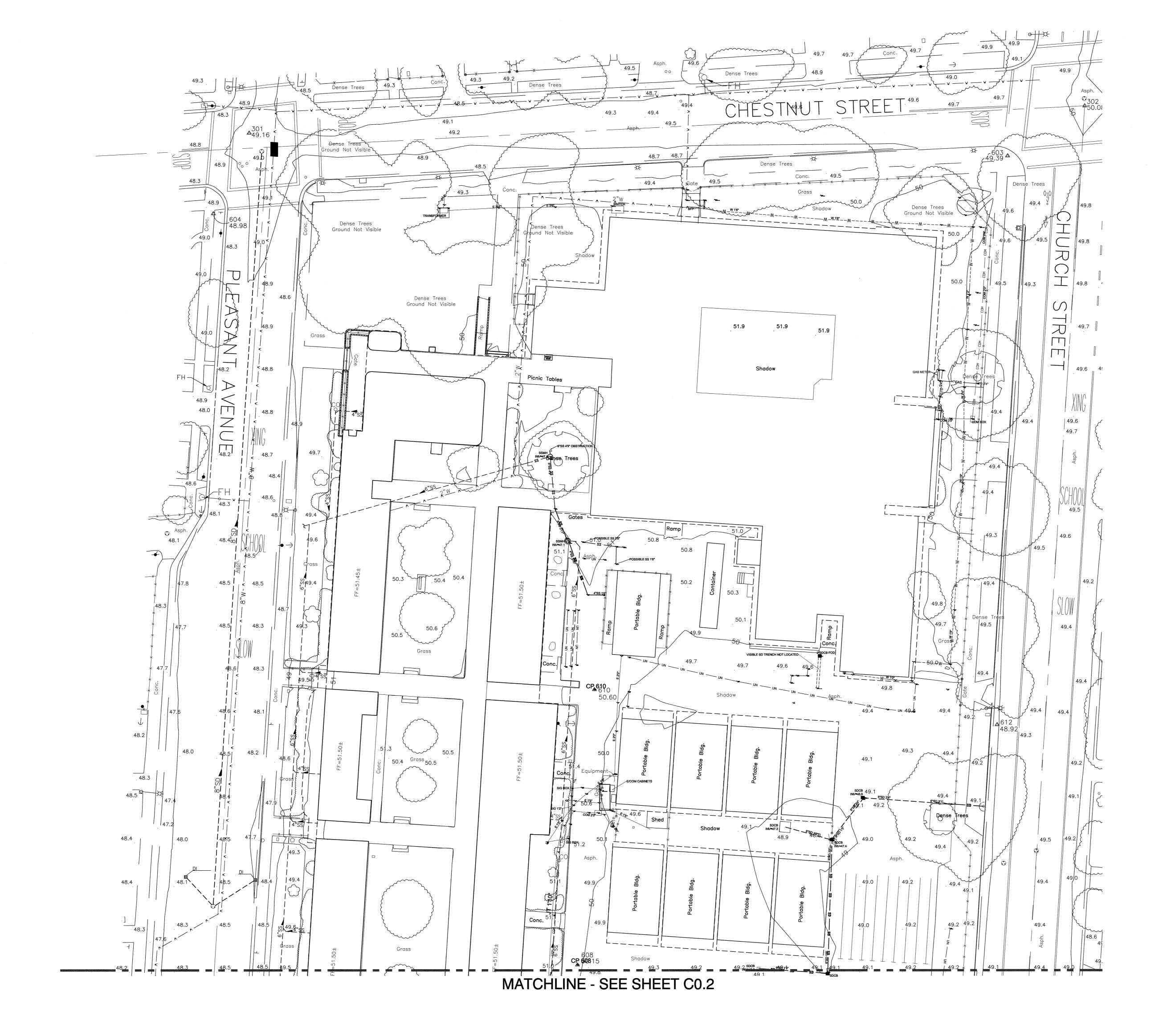
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
301	2234552.66	6338235.39	49.16	SET MAGS PAINTED PX
302	2234565.32	6338625.24	50.08	SET MAGS PAINTED PX
304	2233521.96	6338156.03	48.08	SET MAGS PAINTED PX
601	2233576.33	6338578.44	48.42	SET MAGS PAINTED PX
602	2233950.72	6338559.34	48.91	SET CUTX IN CNC
603	2234541.91	6338589.19	49.39	SET CUTX IN CNC
604	2234514.96	6338218.54	48.98	SET CUTX IN CNC
605	2234001.50	6338181.78	48.14	SET CUTX IN CNC
606	2233480.31	6338196.52	47.42	SET CUTX IN CNC
607	2234004.57	6338379.89	49.09	SET MAGS PAINTED PX
608	2234163.37	6338388.15	50.15	SET MAGS IN AC
609	2233985.04	6338540.64	48.40	SET MAGS IN AC
610	2234292.16	6338396.25	50.60	SET MAGS IN AC
611	2234439.93	6338382.19	51.41	SET CUTX IN CNC
612	2234275.71	6338584.26	48.92	SET MAGS IN AC

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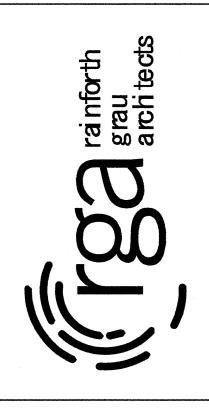
GRAPHIC SCALE THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED

TOPOGRAPHIC

SURVEY









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PARTIAL TOPOGRAPHIC SURVEY

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) I inch = 20 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

NOTE: NOT ALL NOTES SHOWN ARE USED ON THIS SHEET.

O DEMOLITION NOTES

1. 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.



2. 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.

3. REMOVE AND DISPOSE OF EXISTING SIDEWALK OVERHEAD STRUCTURE AND ASSOCIATED FOOTINGS.

EXISTING BUILDING TO BE REMOVED BY OTHERS.

LIMITS OF CLEAR AND GRUB.

EXISTING TREE TO REMAIN.

6. REMOVE AND DISPOSE OF EXISTING TREE, STUMP ROOTS, BUSHES AND VEGETATION.

REMOVE AND DISPOSE OF EXISTING PORTABLE BUILDING, RAMP AND HANDRAILS.

9. REMOVE AND DISPOSE OF EXISTING UTILITY VAULT.

11. REMOVE AND DISPOSE OF EXISTING SHED.

12. REMOVE AND DISPOSE OF EXISTING CONTAINER.

13. REMOVE AND DISPOSE OF EXISTING WATER LINE TO EXTENT SHOWN.

14. REMOVE AND DISPOSE OF EXISTING STORM DRAIN LINE TO EXTENT SHOWN.

15. REMOVE AND DISPOSE OF EXISTING SEWER LINE TO EXTENT

16. REMOVE AND DISPOSE OF EXISTING SEWER MANHOLE.

DEMOLITION 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 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.
- 4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- 5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- 6. 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.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
- 8. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- 9. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- 10. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.

CONCRETE SAWCUT NOTE

SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST 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.

UTILITY VERIFICATION NOTE

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

DENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

O2 11 1/8 0 6 3

AC 1/FLS 1/4 SS 1/4 AC 1/4

rainforti GO grau grau archi tec

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

NEEDHAM ELEN ADDITIONS INCREMENT 1

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PARTIAL DEMOLITION

GRAPHIC SCALE

20' 0 10' 20' 40'

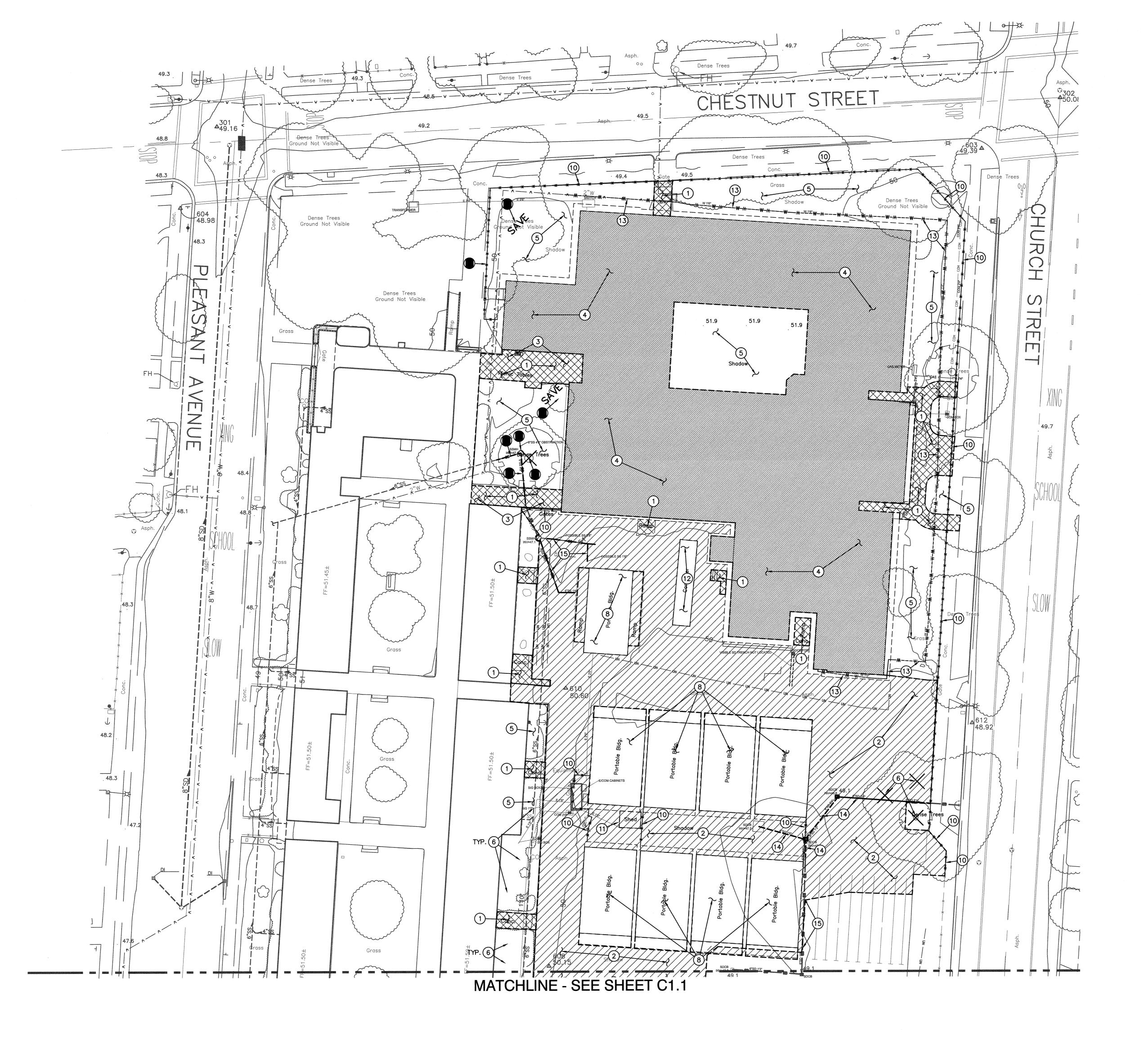
(IN FEET) I inch = 20 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

PROJECT NO. 18-1

DATE: 12/19

SHEET 1



NOTE: NOT ALL NOTES SHOWN ARE USED ON THIS SHEET. DEMOLITION NOTES

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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

REMOVE AND DISPOSE OF EXISTING SIDEWALK OVERHEAD STRUCTURE AND ASSOCIATED FOOTINGS.

EXISTING BUILDING TO BE REMOVED BY OTHERS.

NEW PAVING PLACED.

LIMITS OF CLEAR AND GRUB. REMOVE AND DISPOSE OF EXISTING TREE, STUMP ROOTS,

BUSHES AND VEGETATION.

EXISTING TREE TO REMAIN. r = - 7 8. REMOVE AND DISPOSE OF EXISTING PORTABLE BUILDING, RAMP AND HANDRAILS.

9. REMOVE AND DISPOSE OF EXISTING UTILITY VAULT.

* * * 10. REMOVE AND DISPOSE OF EXISTING FENCE, GATE, POSTS AND ASSOCIATED FOOTINGS.

11. REMOVE AND DISPOSE OF EXISTING SHED.

12. REMOVE AND DISPOSE OF EXISTING CONTAINER.

13. REMOVE AND DISPOSE OF EXISTING WATER LINE TO EXTENT

14. REMOVE AND DISPOSE OF EXISTING STORM DRAIN LINE TO EXTENT SHOWN.

15. REMOVE AND DISPOSE OF EXISTING SEWER LINE TO EXTENT

16. REMOVE AND DISPOSE OF EXISTING SEWER MANHOLE.

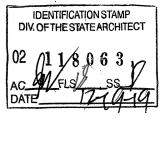
DEMOLITION GENERAL NOTES

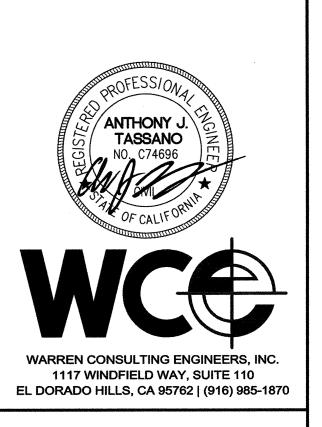
- 1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- 2. NO BURNING OR BLASTING SHALL BE PERMITTED.
- 3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- 4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- 5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- 6. 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.
- 7. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
- 8. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- 9. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- 10. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE

CONCRETE SAWCUT NOTE SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST 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. UTILITY VERIFICATION NOTE

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





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SUBGRADE PREPARATION

BUILDING PAD PREPARATION

+ + + 1. FOLLOWING SITE DEMOLITION ACTIVITIES, THE EXPOSED SURFACE L+_ + SOILS SHALL BE OVER-EXCAVATED TO A DEPTH OF AT LEAST FIVE (5) FEET BELOW EXISTING GRADES OR AT LEAST THREE (3) FEET BÉLOW THE BOTTOM OF PROPOSED FOUNDATIONS, WHICHÈVER IS DEEPER. THE SUB-EXCAVATION SHALL EXTEND AT LEAST 5 FEET BEYOND THE PROPOSED EXTERIOR EDGE OF PERIMETER FOUNDATIONS AND SHALL INCLUDED ANY EXTERIOR COLUMNS.

> FOLLOWING OVER-EXCAVATION, THE EXPOSED SOILS SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 12 INCHES, THOROUGHLY MOISTURE CONDITIONED TO AT LEAST THE OPTIMUM MOISTURE CONTENT AND UNIFORMLY COMPACTED TO AT LEAST 95 PERCENT OF THE ASTM D1557 MAXIMUM DRY DENSITY. PLACE A LAYER OF GEOGRID REINFORCEMENT (TENSAR BX1100 OR APPROVED EQUAL) ON COMPACTED SUBGRADE. THE GEOGRID SHALL BE COVERED WITH AT LEAST 6 INCHES OF CLASS 2 AGGREGATE BASE COMPACTED TO 90 PERCENT OF THE ASTM D1557 MAXIMUM DRY DENSITY.

FOLLOWING AGGREGATE BASE PLACEMENT, ENGINEERED FILL SHALL BE PLACED IN HORIZONTAL LIFTS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS. EACH LIFT SHALL BE THOROUGHLY MOISTURE CONDITIONED TO AT LEAST THE OPTIMUM MOISTURE CONTENT AND UNIFORMLY COMPACTED TO AT LEAST 90 PERCENT OF THE ASTM D1557 MAXIMUM DRY DENSITY. PLACE FILL MATERIAL AS REQUIRED TO PROPOSED SUBGRADE ELEVATIONS. THE UPPER 12 INCHES OF FINAL BUILDING PAD SUBGRADES SHALL BE BROUGHT TO AT LEAST THE OPTIMUM MOISTURE CONTENT AND UNIFORMLY COMPACTED TO NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY.

THE ON-SITE SOILS ARE SUITABLE FOR USE AS ENGINEERED FILL IF THE MATERIALS ARE AT A WORKABLE MOISTURE CONTENT AND FREE OF RUBISH, RUBBLE, DEBRIS, ROOTS AND ORGANICS AND HAVE A MAXIMUM PARTICLE SIZE OF 3 INCHES OR LESS.

ASPHALT AND FLATWORK SUBGRADE PREPARATION

. 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 THE OPTIMUM MOISTURE CONTENT AND COMPACT TO

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 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 6 INCHES IN COMPACTED THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM

THE UPPER 6 INCHES OF SUBGRADE SUPPORTING ASPHALT PAVING AND VEHICULAR CONCRETE SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY.

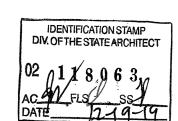
SUBGRADE PREPARATION SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING ..

GENERAL NOTES

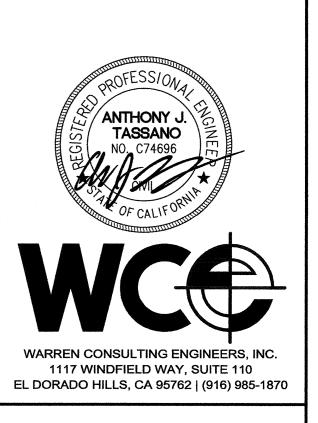
1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.

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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> **ENGINEERED** FILL PLAN

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ACCESSIBILITY NOTES:

- 1. FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE
- ARCHITECTURAL SHEETS.

 PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM

 SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED

 MAX
- BY SPOT ELEVATIONS. WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.

GRADING NOTES

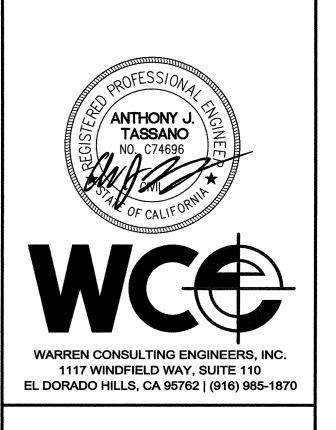
- 1. MATCH EXISTING GRADE/ELEVATION.
- 2. CONSTRUCT SWALE.
- 3. GRADE UNIFORMLY TO SWALE AND/OR INLET.
- 4. CONSTRUCT CONCRETE SIDEWALK PER
- 5. CONSTRUCT CONCRETE CURB PER $\left(\frac{2}{C7.1}\right)$
- 6. PROVIDE SMOOTH/FLUSH TRANSITION BETWEEN ASPHALT

 AND CONCRETE PER

 6. C7.1
- 7. CONSTRUCT ROLLED CURB AND SIDEWALK PER (C7.1) 8. CONSTRUCT EDGE AT SYNTHETIC TURF AND CONCRETE 5
- PAVING PER 9. PROPOSED SIDEWALK ELEVATION SHALL MEET FLUSH WITH EXISTING FINISH FLOOR.
- 10. TRANSITION FROM VERTICAL CURB TO ROLLED CURB.
- 11. CONSTRUCT FLUSH CONCRETE CURB PER (15)

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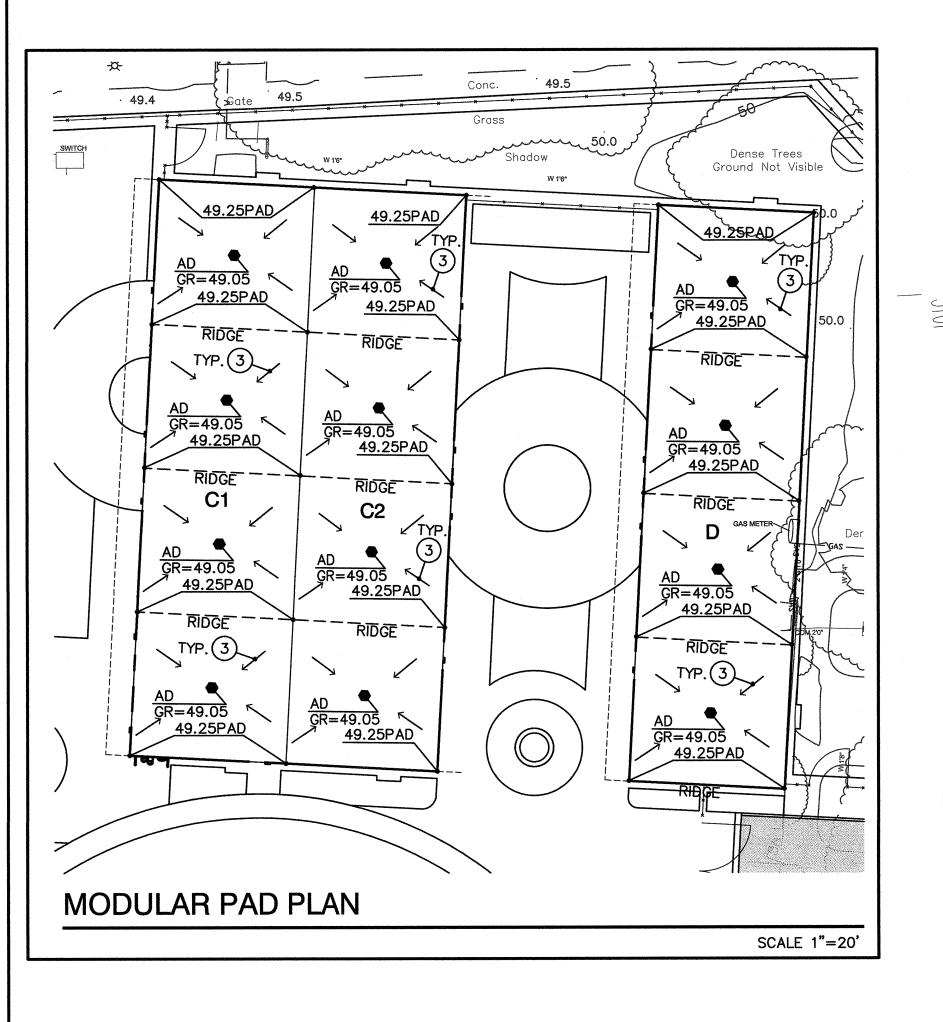


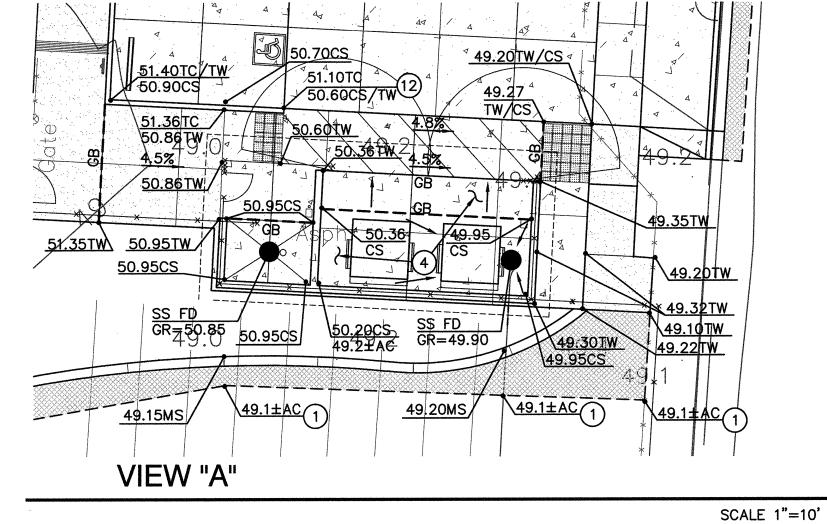
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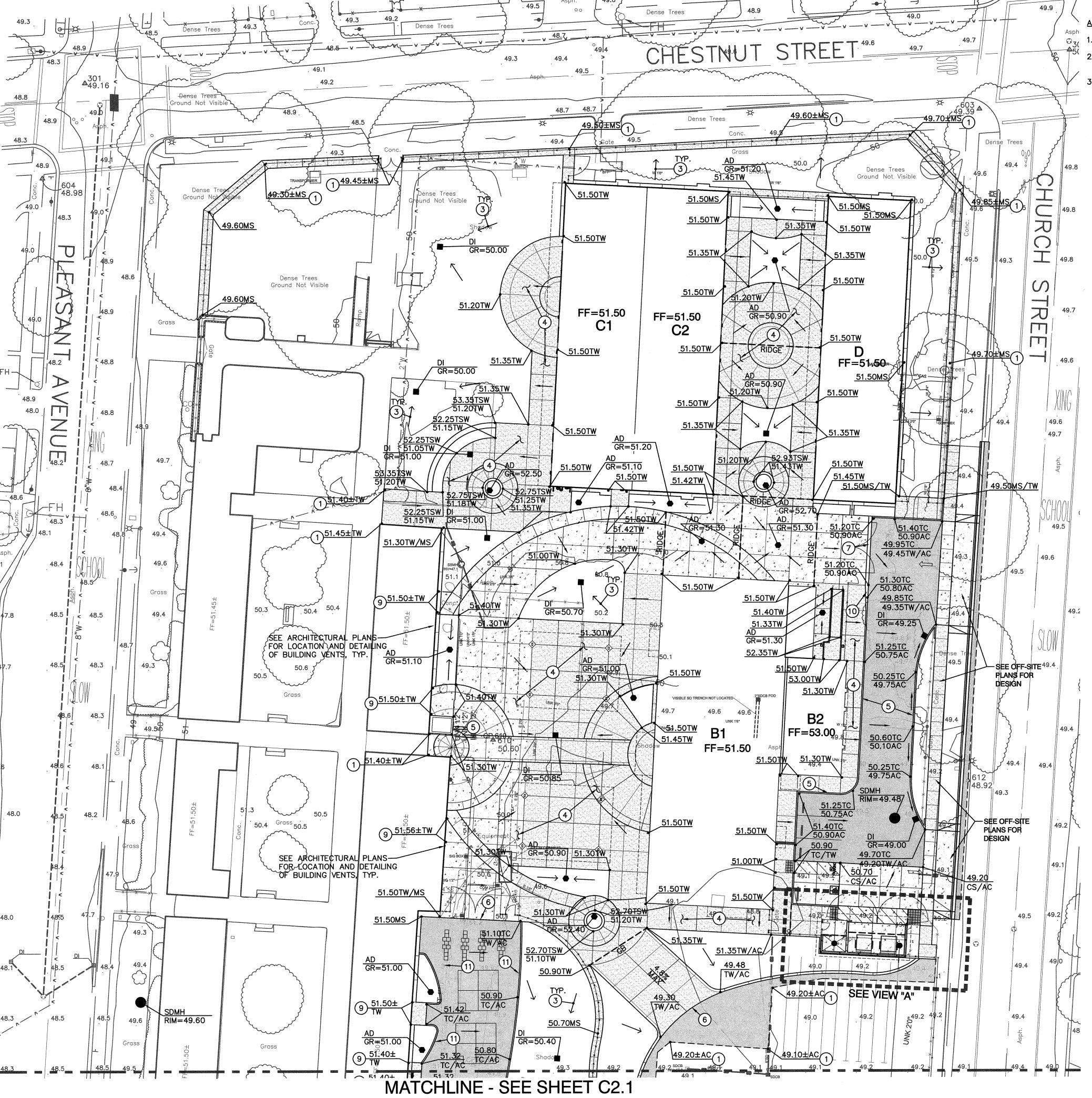
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PARTIAL **GRADING PLAN**

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ACCESSIBILITY NOTES:

FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
 PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED MAX BY SPOT ELEVATIONS.
 WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.

GRADING NOTES

PAVING PER

. MATCH EXISTING GRADE/ELEVATION.

2. CONSTRUCT SWALE.

GRADE UNIFORMLY TO SWALE AND/OR INLET.
 CONSTRUCT CONCRETE SIDEWALK PER (

5. CONSTRUCT CONCRETE CURB PER $\begin{pmatrix} 2 \\ C7.1 \end{pmatrix}$

6. PROVIDE SMOOTH/FLUSH TRANSITION BETWEEN ASPHALT

3
C7.1

7. CONSTRUCT ROLLED CURB AND SIDEWALK PER

4
C7.1

8. CONSTRUCT EDGE AT SYNTHETIC TURF AND CONCRETE 5

9. PROPOSED SIDEWALK ELEVATION SHALL MEET FLUSH WITH EXISTING FINISH FLOOR.

10. TRANSITION FROM VERTICAL CURB TO ROLLED CURB.

11. CONSTRUCT FLUSH CONCRETE CURB PER $\begin{pmatrix} 15 \\ C7.1 \end{pmatrix}$

12. TAPER LAST 6" OF CURB TO FLUSH WITH ADJACENT GRADE.

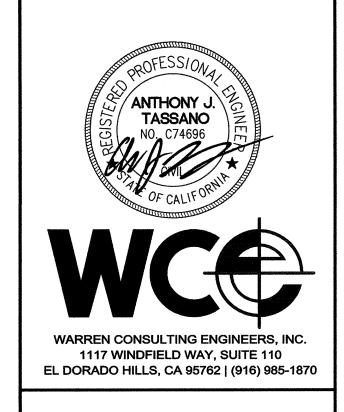
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M ELEMENTARY SCHOOLIS

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PARTIAL GRADING PLAN

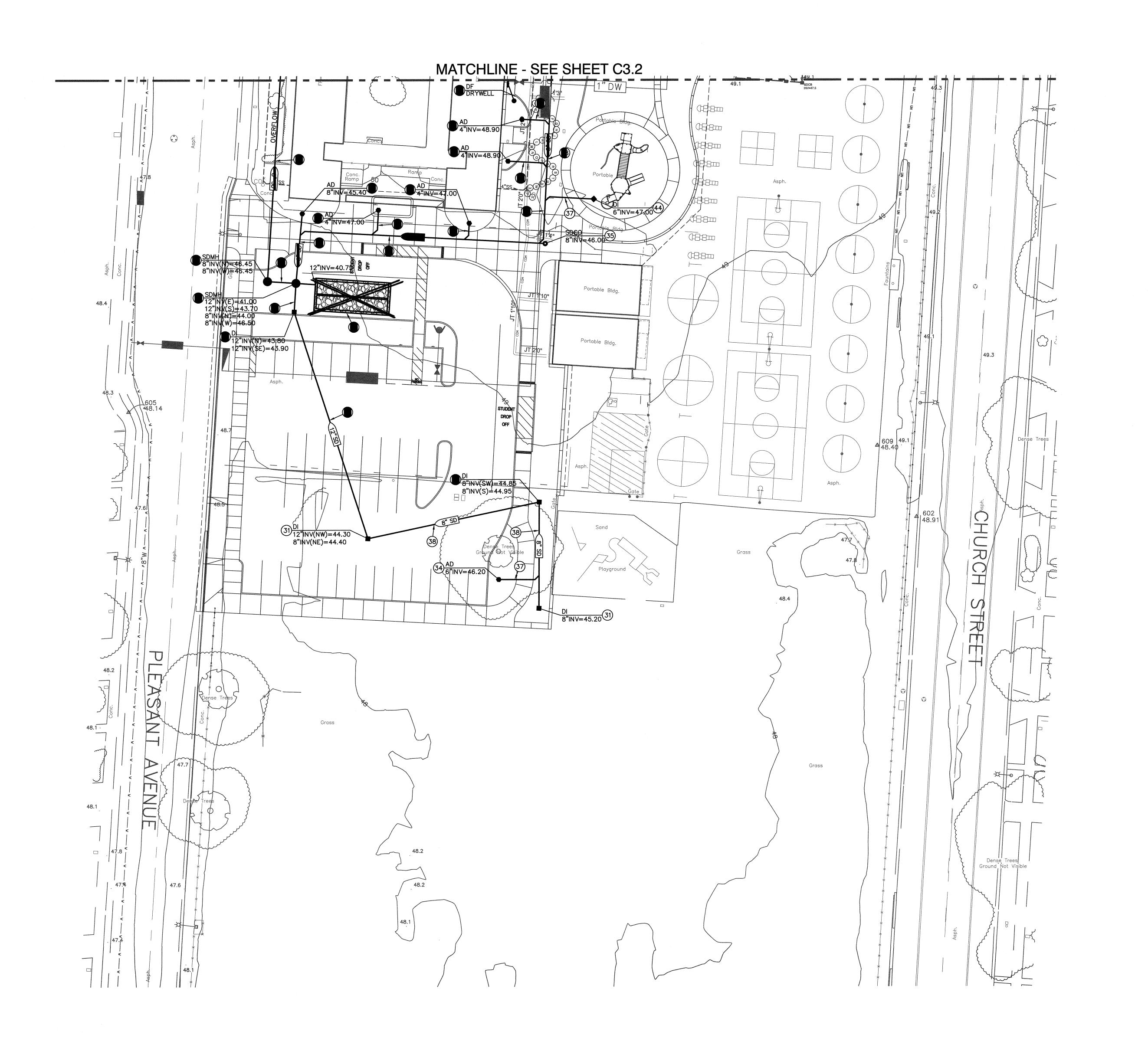
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

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PROJECT NO. 18-130
DATE: 12/19/
SHEET 2



O2 1 1 8 0 6 3
AC W FLS SS DATE 12 (4)

rainforth grau architect

AS PART OF
INC. 4.

SEWER NOTES

ORAINAGE NOTES

31. CONSTRUCT DROP INLET PER $\left(\frac{6}{C7.1}\right)$

33. CONSTRUCT STORM DRAIN MANHOLE PER

35. CONSTRUCT STORM DRAIN CLEANOUT PER (12)

32. CONSTRUCT CURB INLET PER

34. CONSTRUCT AREA DRAIN PER ----

36. PLACE 4" STORM DRAIN PER

37. PLACE 6" STORM DRAIN PER

38. PLACE 8" STORM DRAIN PER

39. PLACE 12" STORM DRAIN PER /

CONSTRUCT HYDROSTOR HS 180 STORACE SYSTEM (UNIT 2) PER

57. CONSTRUCT DRYWELL AT DRINKING FOUNTAIN PER $\begin{pmatrix} 14 \\ C7.1 \end{pmatrix}$

44. PROVIDE DROP INLET AT ARTIFICIAL PLAY

6
C7.1
C7.1

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

ELEMENTARY SCHOOL-T 1

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PARTIAL DRAINAGE AND SEWER PLAN

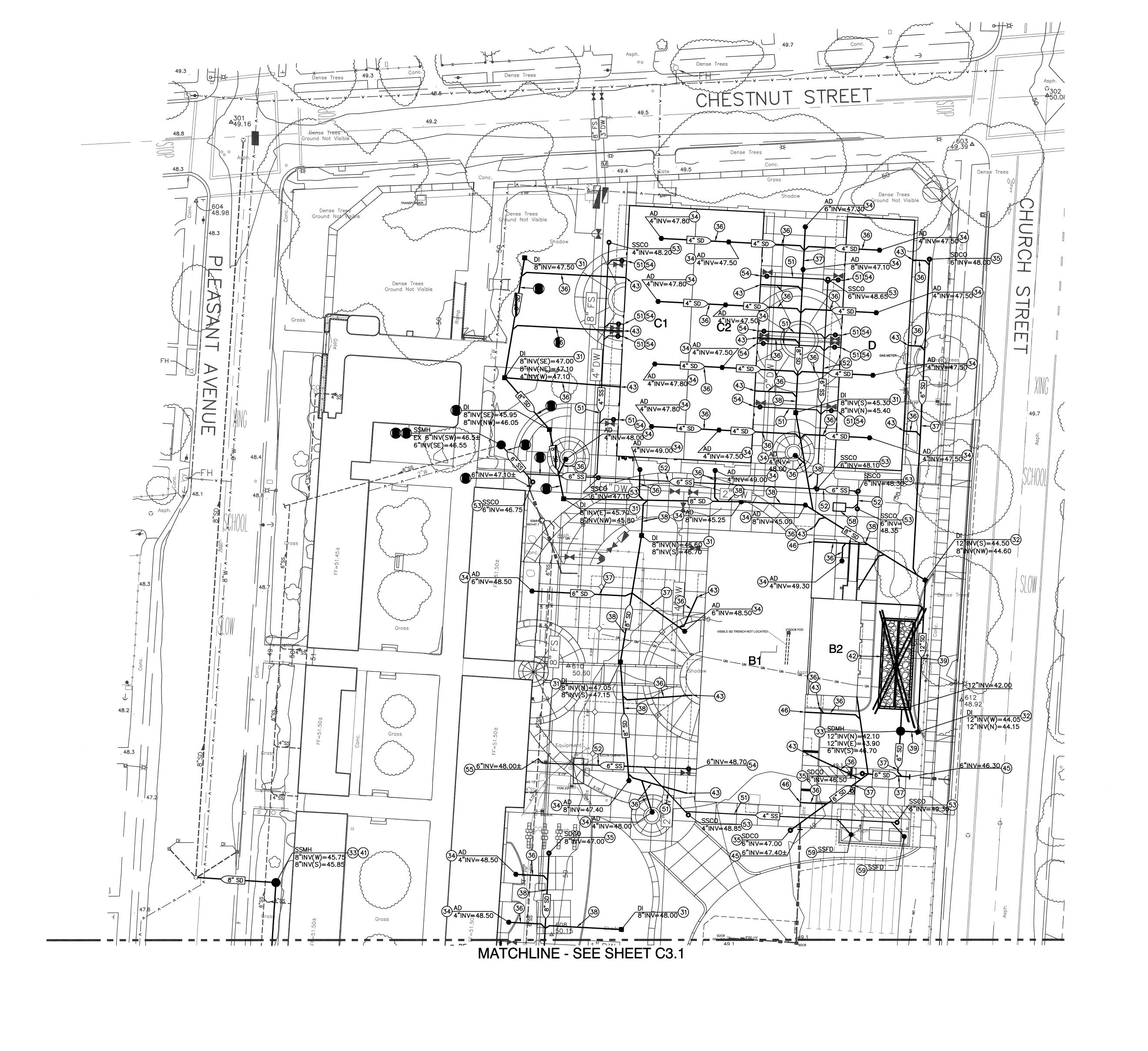
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) I inch = 20 feet

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PROJECT NO.		18-136
DATE:	•	12/19/·
SHEET	C2 1	





31. CONSTRUCT DROP INLET PER $\left(\frac{0}{67}\right)$

32. CONSTRUCT CURB INLET PER

33. CONSTRUCT STORM DRAIN MANHOLE PER

34. CONSTRUCT AREA DRAIN PER ---35. CONSTRUCT STORM DRAIN CLEANOUT PER $\frac{12}{C7.1}$

36. PLACE 4" STORM DRAIN PER \

37. PLACE 6" STORM DRAIN PER

38. PLACE 8" STORM DRAIN PER 39. PLACE 12" STORM DRAIN PER /

41. REFER TO OFF—SITE IMPROVEMENT PLANS FOR CONTINUATION.

1 TO BE INCLUDED AS PART OF

43. PROVIDE DOWNSPOUT CONNECTION PER $\left(\frac{11}{C7.1}\right)$

45. CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

46. CONNECT TO BUILDING ROOF DRAIN. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

SEWER NOTES

51. PLACE 4" SEWER PER <

52. PLACE 6" SEWER PER

53. CONSTRUCT SEWER CLEANOUT PER $\left(\frac{12}{C7.1}\right)$

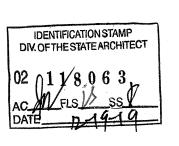
54. CONNECT TO BUILDING SEWER SERVICE. REFER TO
PLUMBING PLANS FOR EXACT DEPTH AND LOCATION.
PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
PROVIDE 2—WAY CLEANOUT PER

55. CONNECT TO EXISTING SEWER. POTHOLE TO FIELD VERIFY FOR EXACT DEPTH, AND LOCATION AND CONDITION PRIOR TO TRENCHING.

56. CONSTRUCT SEWER MANHOLE PER $\binom{8}{C7.2}$

58. CONNECT TO PROPOSED GREASE INTERCEPTOR. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

59. PLACE JR SMITH 2510 SEWER FLOOR DRAIN WITH 9 C7.2

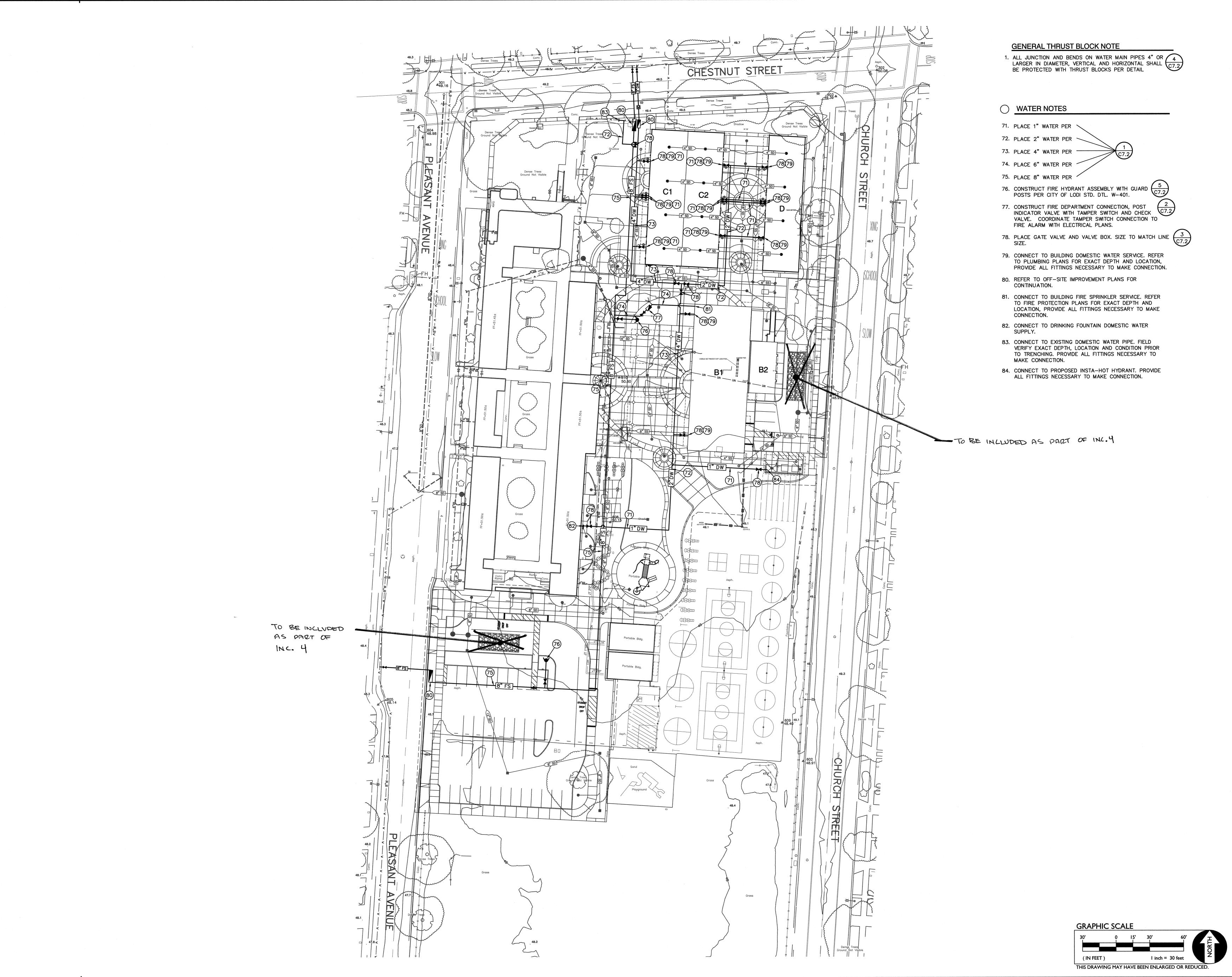


ANTHONY J TASSANO 1117 WINDFIELD WAY, SUITE 110 EL DORADO HILLS, CA 95762 | (916) 985-1870

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> PARTIAL DRAINAGE AND SEWER PLAN

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ANTHONY J. TASSANO 1117 WINDFIELD WAY, SUITE 110

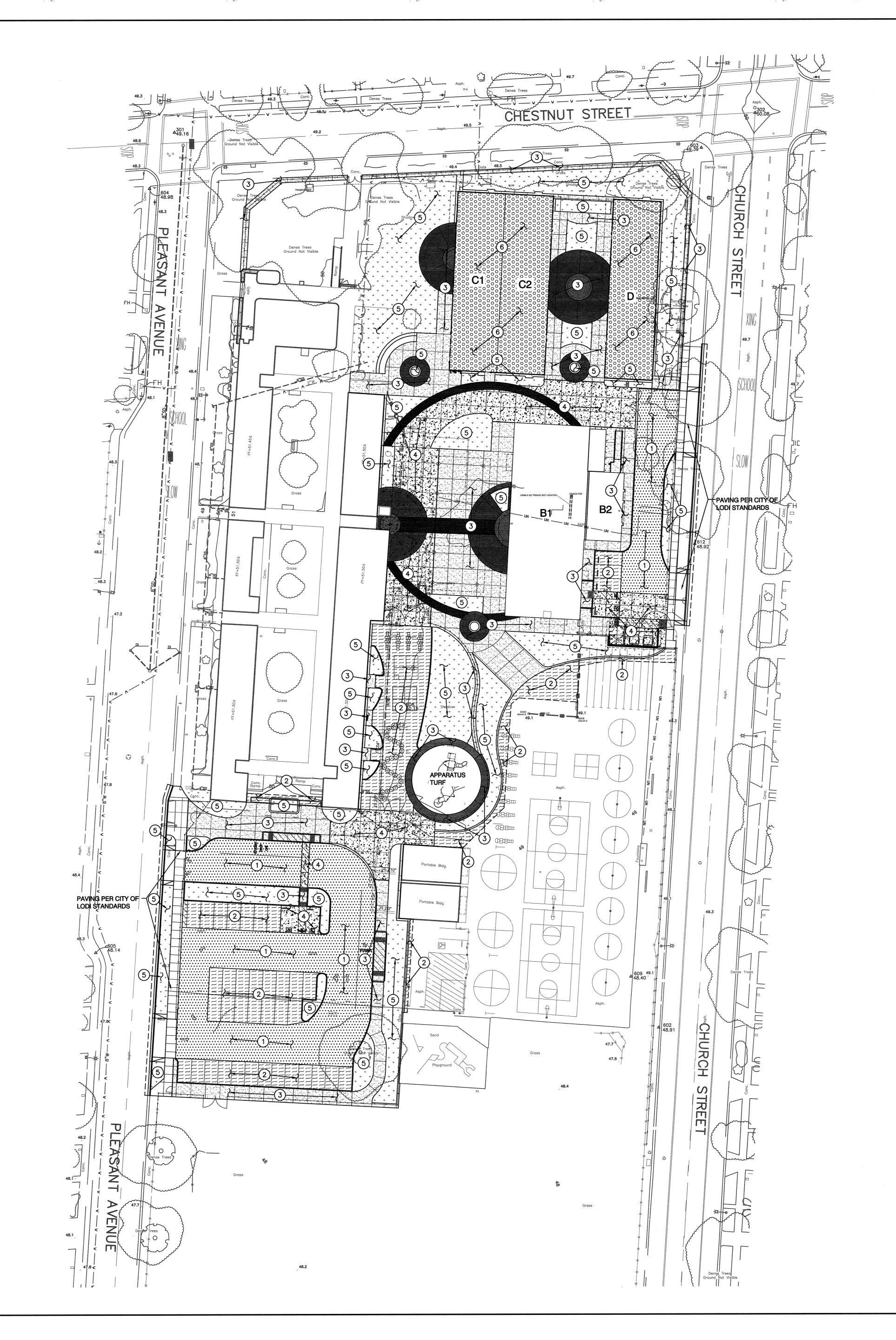
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DOMESTIC WATER AND FIRE PROTECTION PLAN

C4.1



PAVING GENERAL NOTES:

- 1. ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39,
- AND PROJECT SPECIFICATIONS 2. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26 AND
- PROJECT SPECIFICATIONS 3. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- 4. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
- 5. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME/CEMENT TREATMENT, AND COMPACTION SHALL BE PERFORMED AFTER;
- A. POT HOLING ALL EXISTING UTILITIES. B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- 6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED. PROVIDE SOD AT AREAS WHERE EXISTING TURF HAS BEEN DAMAGED AND DECOMPOSED GRANITE AT TRACK SURFACES DISTURBED BY CONSTRUCTION ACTIVITIES. 7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS,
- AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
- 8. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. CLEAN/OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

SEALCOAT GENERAL NOTES

- 1. CONTRACTOR TO NOTIFY ENGINEER 24 HOURS PRIOR TO ANY PAVING WORK AND SEALCOAT APPLICATION.
 - A. PLACE 2 COATS OF SEALCOAT ON ALL NEW ASPHALT PAVING PER SPECIFICATION SECTION 321200.
 - SEAL COAT SHALL NOT BE PLACED UNTIL A MINIMUM OF 30 DAYS FOLLOWING ASPHALT PLACEMENT AND BE COMPLETED ON DAYS THAT DO NOT INTERFERE WITH EVERYDAY SCHOOL OPERATIONS.

PAVING LEGEND

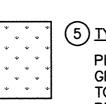
1) TYPE 1 PAVING

PLACE <u>3"</u> AC OVER <u>14"</u> COMPACTED CLASS II AB ON COMPACTED SUBGRADE.

(2) TYPE 2 PAVING PLACE <u>2.5"</u> AC OVER <u>8"</u> COMPACTED CLASS II AB ON COMPACTED SUBGRADE.

PLACE <u>5"</u> PCC WITH #4 REBAR AT <u>24"</u> O.C.E.W. OVER 4" COMPACTED CLASS II AB ON COMPACTED SUBGRADE. SEE ARCHITECTURAL PLANS FOR DECORATIVE CONCRETE LOCATIONS.

PLACE 6" PCC WITH #4 REBAR AT 18" O.C.E.W. OVER <u>6" COMPACTED</u> CLASS II AB ON COMPACTED SUBGRADE. SEE ARCHITECTURAL PLANS FOR DECORATIVE CONCRETE LOCATIONS.

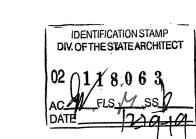


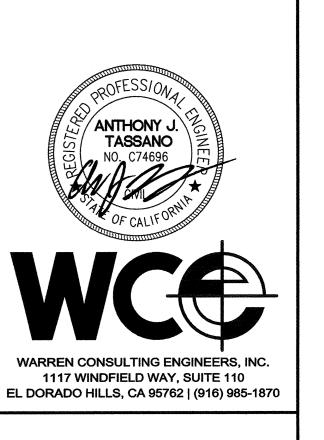
5 TYPE 5 SURFACING

PLACE 12" NATIVE TOP SOIL, TO ACHIEVE FINISH GRADES AS SHOWN ON GRADING PLAN FOR ALL AREAS TO RECEIVE PLANTING. SUBGRADE TO BE GRADED TO PROVIDE SLOPE AND SMOOTH LINES CONSISTENT WITH FINISH GRADES TO ALLOW FOR UNIFORM THICKNESS OF TOP SOIL.



PLACE <u>2"</u> THICK 2-SACK CONCRETE SLURRY SLAB AT MODULAR CRAWL SPACE.



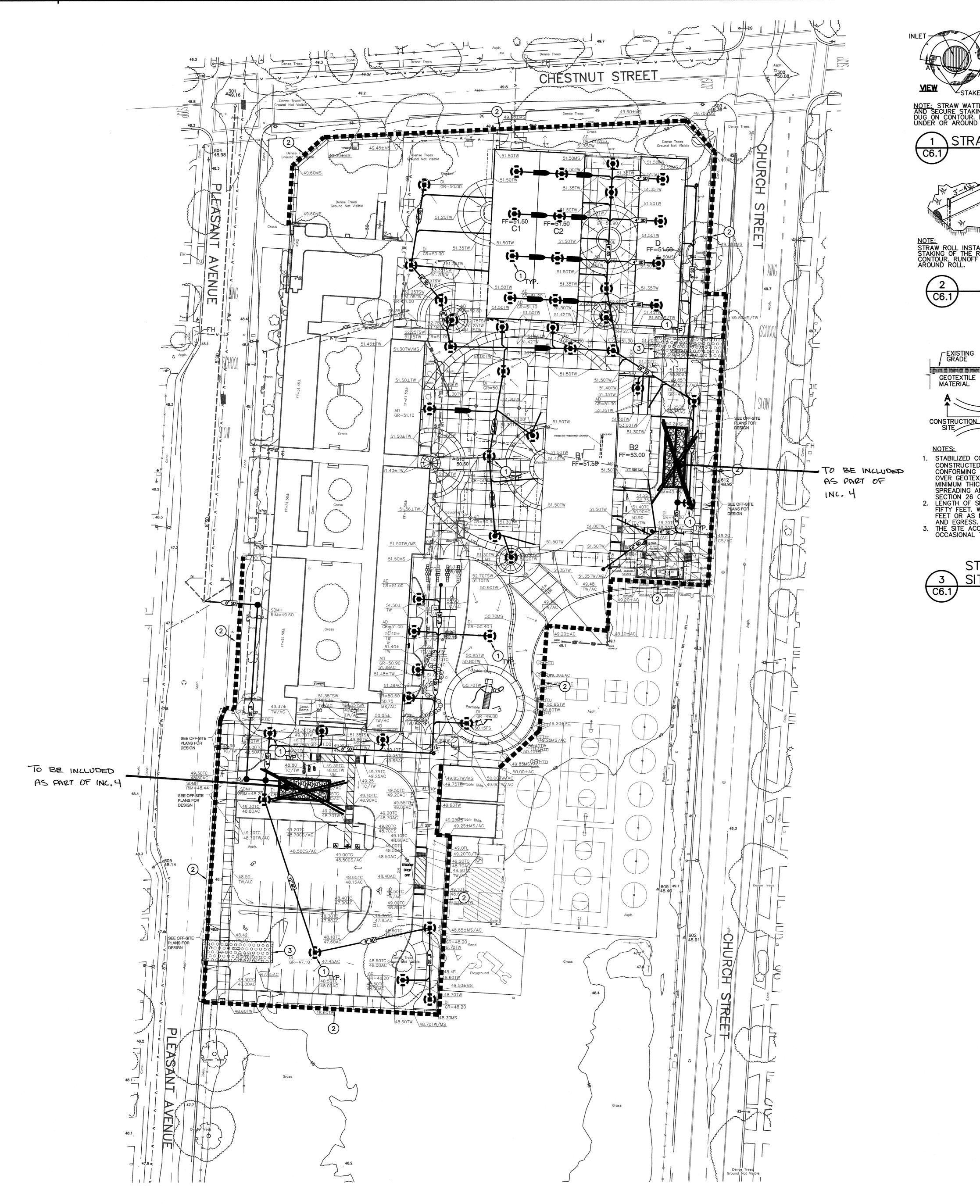


S NEEDHAM EL ADDITIONS INCREMENT

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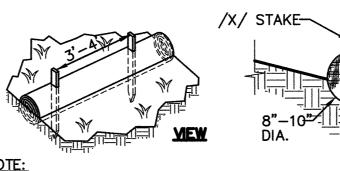
PAVING PLAN

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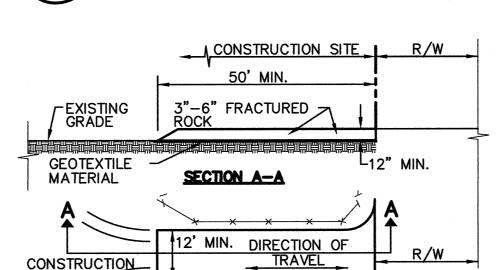
STRAW WATTLE

1 STRAW WATTLE INLET FILTER



STRAW ROLLS

NO SCALE



1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE 1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3"-6" ANGULAR ROCK MATERIAL CONFORMING TO SECTION 26 OF STATE SPECIFICATIONS PLACED OVER GEOTEXTILE MATERIAL. ROCK SHALL BE PLACED TO A MINIMUM THICKNESS OF SIX INCHES. THE METHOD OF PLACING, SPREADING AND COMPACTING ROCK SHALL CONFORM TO SECTION 26 OF THE STATE SPECIFICATIONS.

2. LENGTH OF SITE ACCESS SHALL BE A MINIMUM LENGTH OF FIFTY FEET. WIDTH SHALL BE A MINIMUM WIDTH OF TWELVE FEET OR AS NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS.

PLAN VIEW

AND EGRESS.

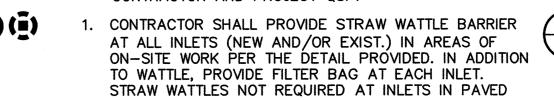
3. THE SITE ACCESS SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING.

STABILIZED CONSTRUCTION SITE ACCESS

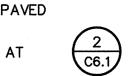
EROSION CONTROL NOTES

NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR AND PROJECT QSP.

SITE ACCESS PER DETAIL



AREAS, ONLY FILTER BAG.



2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION

SITE ACCESS PER DETAIL

C6.1

WCE EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.

2. CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS. ONLY CLEAR WATER IS TO BE DISCHARGED INTO THE EXISTING DRAINAGE SYSTEM. IF PUMPING IS NECESSARY, FILTERS WILL BI REQUIRED TO ENSURE THAT ONLY CLEAR WATER IS DISCHARGED FROM THE SITE, PER SACRAMENTO COUNTY STANDARDS. THE CONTRACTOR SHALL VERIFY THE DISCHARGE POINT WITH THE COUNTY INSPECTOR. THE CONTRACTOR SHALL VERIFY THAT THE POINT OF DISCHARGE CAN HANDLE THE VELOCITY AND QUANTITY OF 3. EXXIVERACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO

MINIMIZE DUST CREATED DURING CONSTRUCTION. 4. PRIOR TO PLACEMENT OF LANDSCAPING AND/OR FINISHED GROUND SEEDING. REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW

WATTLE FENCE AND TRACKED LOOSE STRAW).

5. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.

6. ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.

7. CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND S.W.P.P.P. PLAN FOR ADDITIONAL REQUIREMENTS.

8. CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER CHILDREN AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTEND, THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.

10. CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING IRACKED THROUGH THE SCHOOL AND ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.

10. ALL DISTURBED AREAS NOT BEING PAVED/LANDSCAPED, SHALL BE HYDROSEEDED.

11. EROSION CONTROL MEASURES TO BE PLACED ON ALL EXPOSED AREAS DISTURBED BY CONSTRUCTION PRIOR TO ANY RAIN EVENT, I.E. BLANKETS, SOIL STABILIZERS, ETC.

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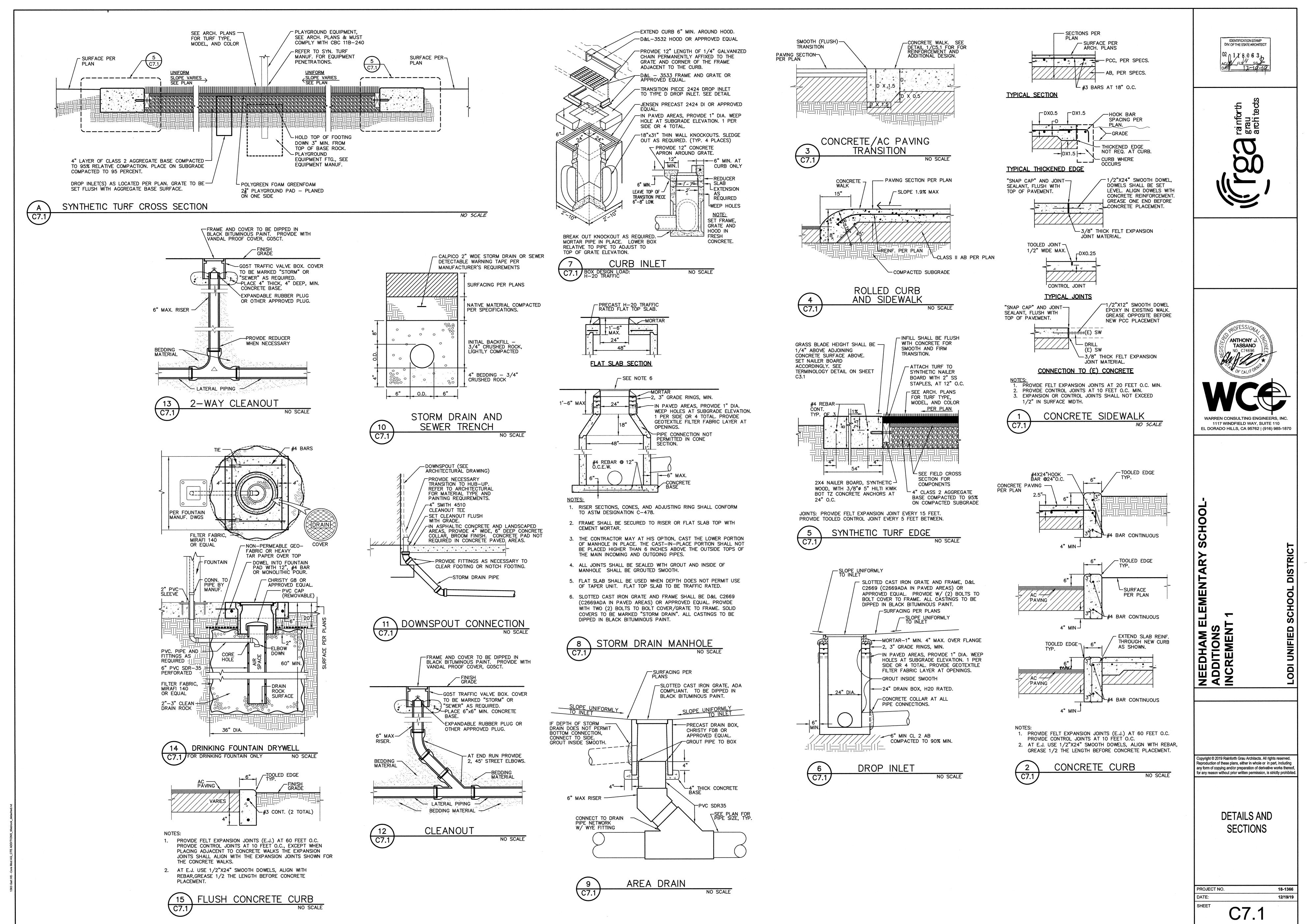
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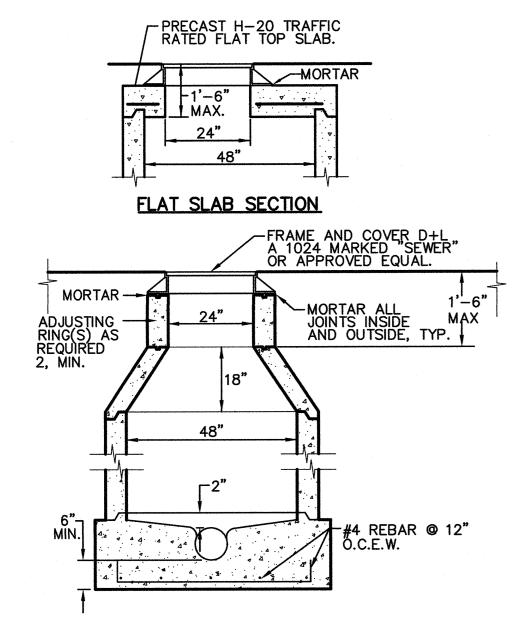
> **EROSION** CONTROL PLAN

C6.1

GRAPHIC SCALE THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED

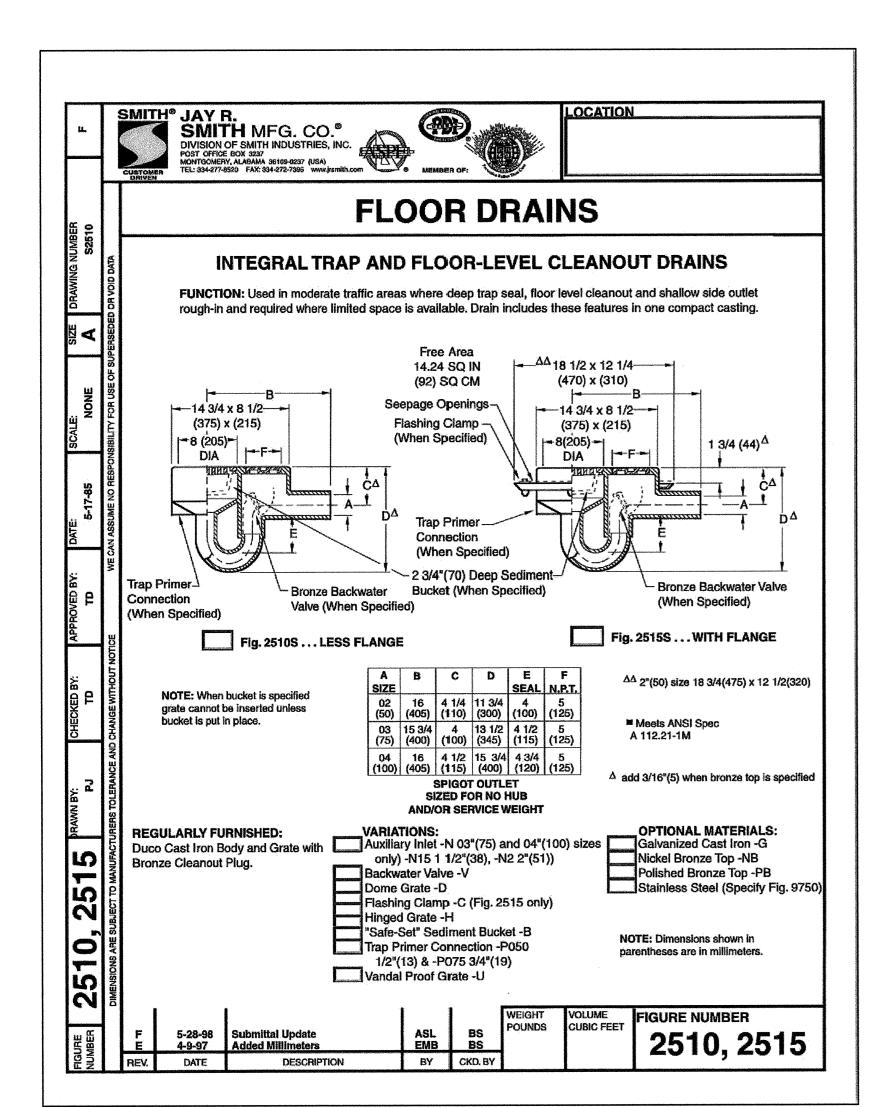


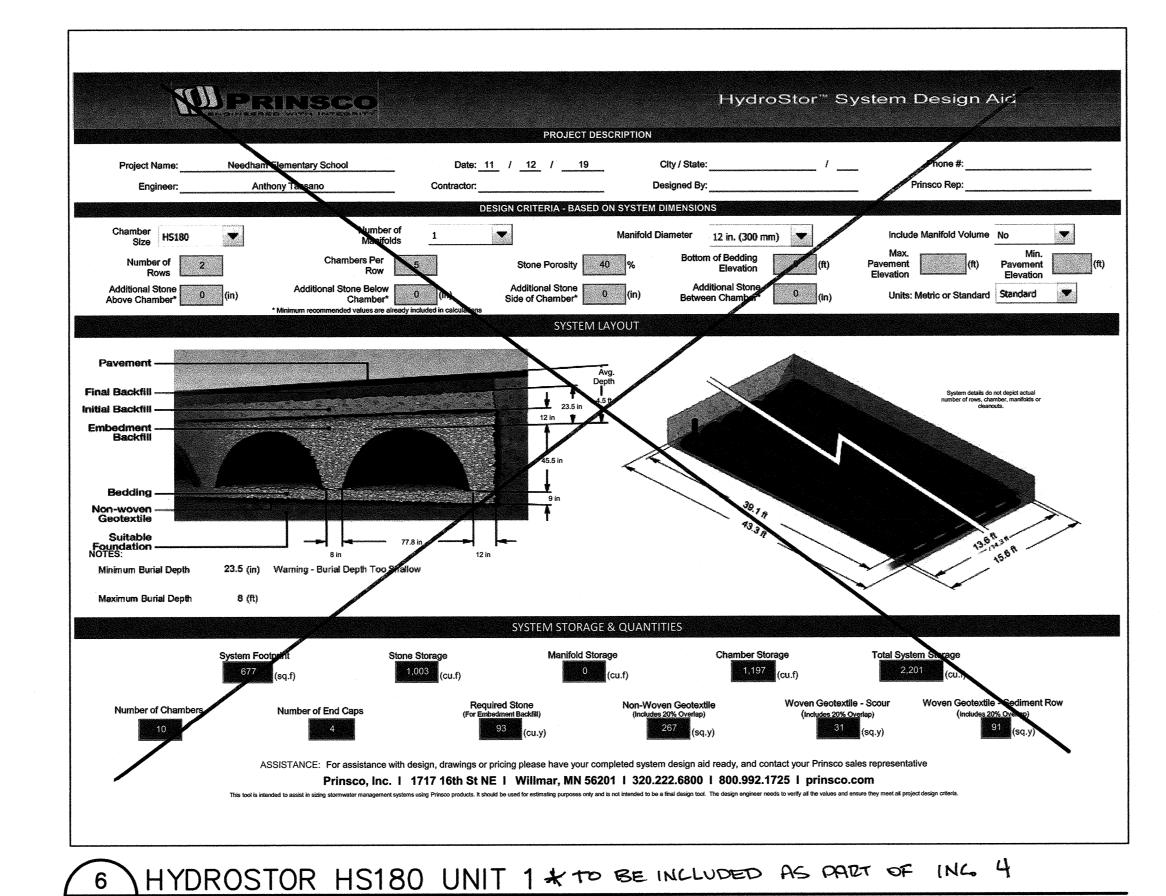
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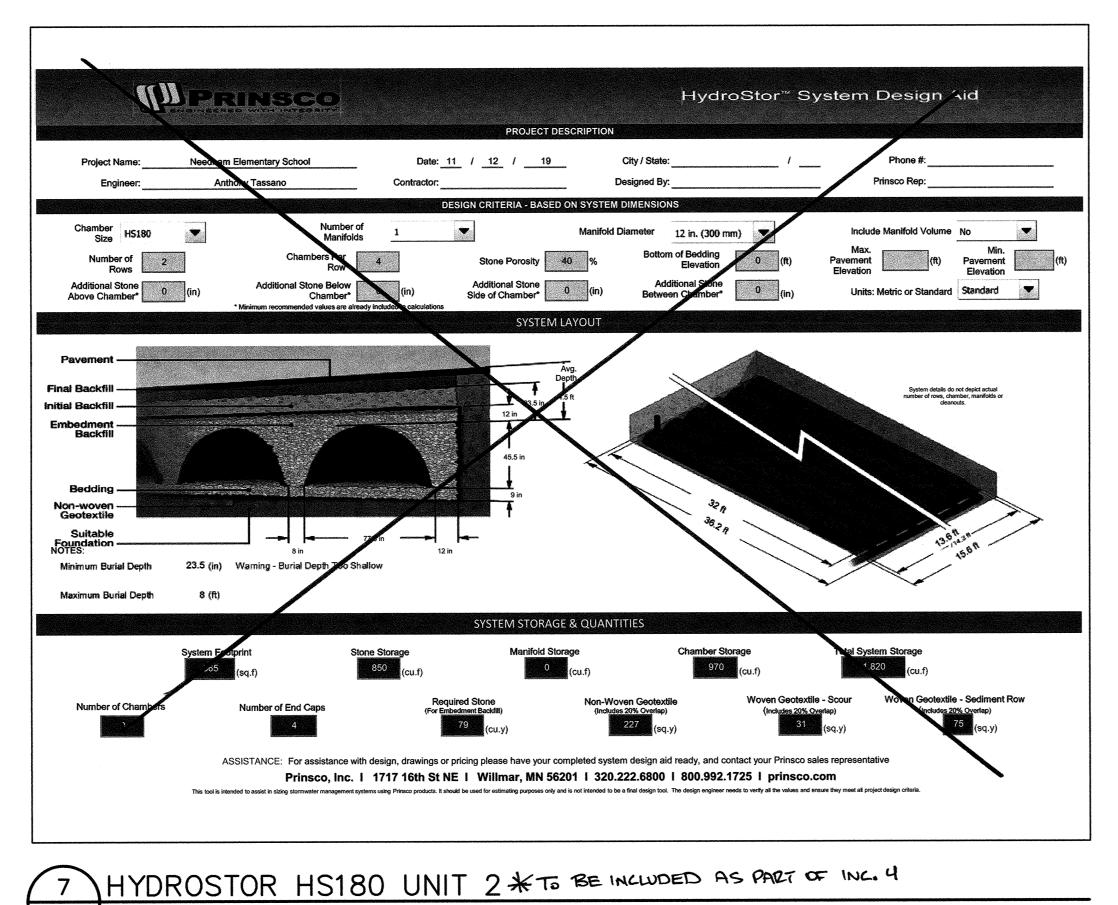


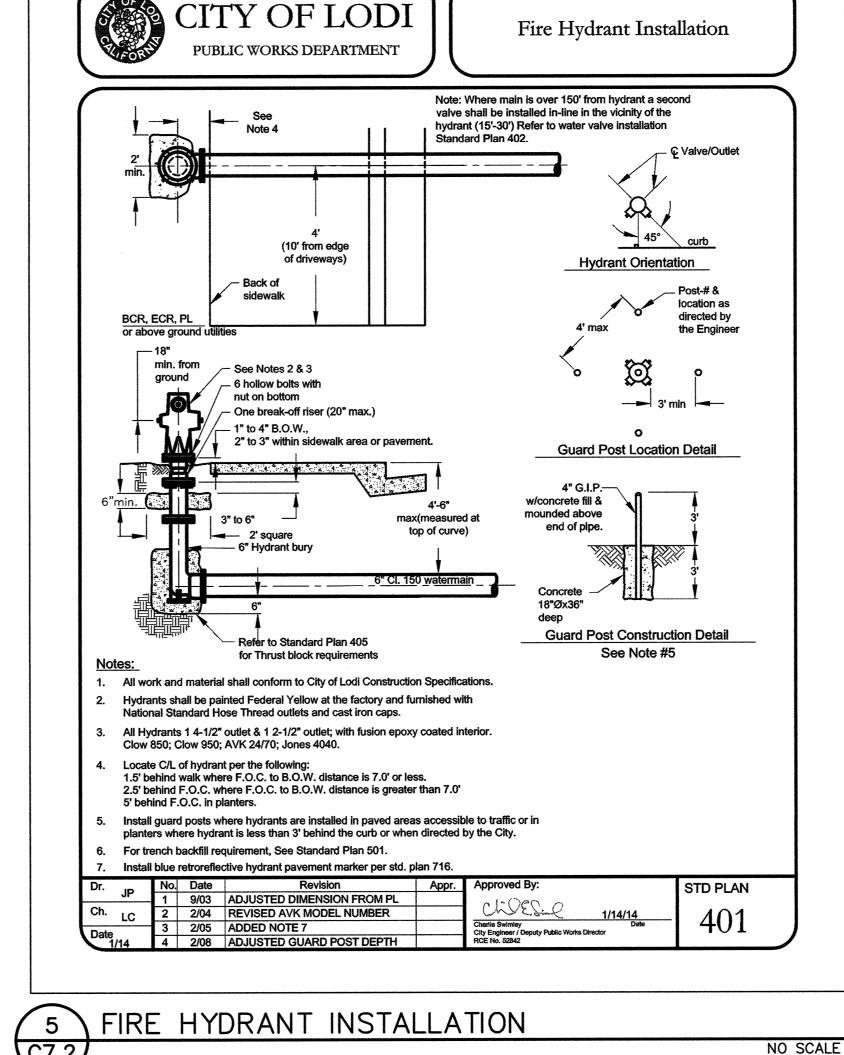
- . RISER SECTIONS, CONES, AND ADJUSTING RING SHALL CONFORM TO ASTM DESIGNATION C-478.
- 2. FRAME SHALL BE SECURED TO RISER OR FLAT SLAB TOP WITH CEMENT MORTAR.
- 3. CONCRETE BASE MAY BE CAST—IN—PLACE AND POURED AGAINST UNDISTURBED MATERIAL OR PRE—CAST CONCRETE BASE ON 4" MIN. 3/4" CRUSHED ROCK PLACED ON UNDISTURBED MATERIAL.
- 4. ALL JOINTS SHALL BE SEALED WITH GROUT AND INSIDE OF MANHOLE SHALL BE GROUTED SMOOTH.
- 5. FLEXIBLE CONNECTORS SHALL BE INSTALLED ON BOTH INFLOW AND OUTFLOW PIPES PER CA. PLUMBING CODE 719.6.
- 6. FLAT SLAB SHALL BE USED WHEN DEPTH DOES NOT PERMIT USE OF TAPER UNIT. FLAT SLAB SHALL BE TRAFFIC RATED.











INSTALLATION FITTING TYPE 4" 6" 8" 10"1"

| 90, ETT

DEAD

GATE VALVE 4" OR

1. THRUST BLOCKS ARE TO BE CONSTRUCTED OF 2500 PSI

3. BLOCKING TO BE POURED AGAINST UNDISTURBED SOIL, 12

4. THRUST BLOCKS ARE TO BE FREE, SEPARATE AND INDEPENDENT OF ADJACENT OR NEARBY THRUST BLOCKS.

THRUST BLOCKS

5. WRAP ALL FITTINGS BEFORE PLACING CONCRETE.

2. AREAS IN TABLE HAVE BEEN DERIVED USING A WATER PRESSURE OF 200 POUNDS PER SQUARE INCH (13.8 BARS) AND SOIL RESISTANCE OF 1500 POUNDS PER

#4 BARS TRENCH 6

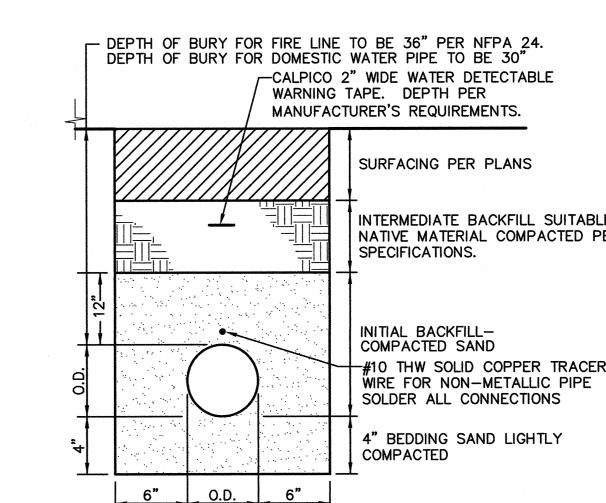
SQUARE FOOT (137.9 BARS).

INCH THICK MINIMUM.

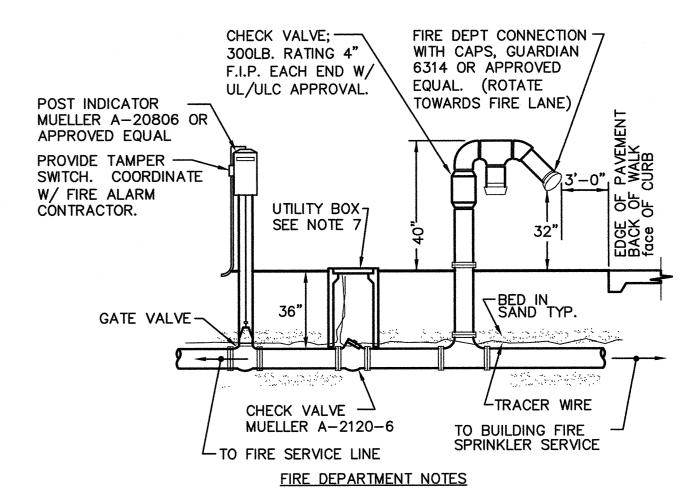
CONCRETE MIN.

NO SCALE

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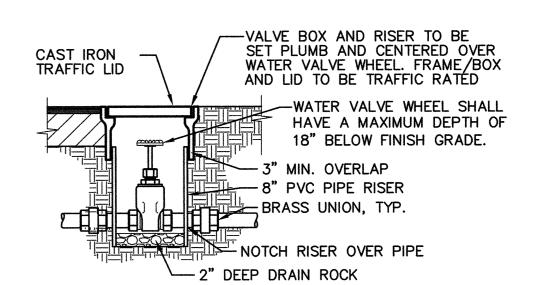


WATER TRENCH

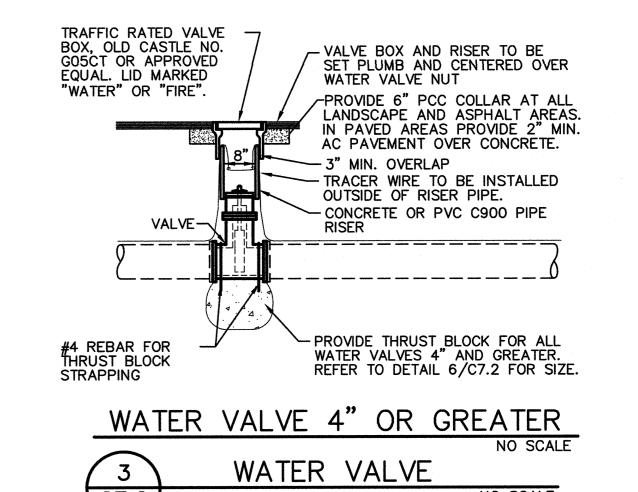


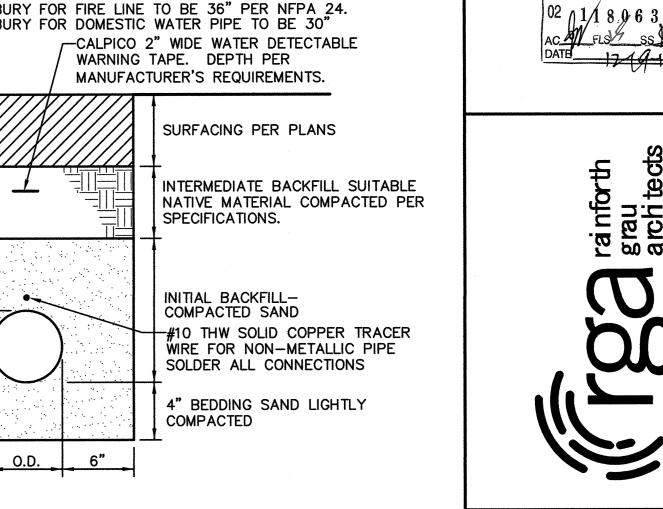
- 1. THE INSTALLATION OF ALL ON-SITE FIRE PROTECTION SYSTEMS SHALL BE IN ACCORDANCE WITH N.F.P.A. 24 AND FIRE DEPARTMENT STANDARDS.
- 2. ALL ON-SITE FIRE PROTECTION SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF N.F.P.A. 24 AND SHALL BE WITNESSED BY THE FIRE DEPARTMENT. UNDERGROUND PIPING SHALL BE FLUSHED PER NFPA13 AND RISER STUB-UP IMMEDIATELY CAPPED.
- 3. THE INSTALLING CONTRACTOR, OR SUBCONTRACTOR, FOR ALL ON-SITE FIRE PROTECTION SYSTEMS SHALL NOTIFY THE FIRE DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF REQUESTING A DATE AND TIME FOR INSPECTIONS.
- 4. IF PLASTIC PIPE IS INSTALLED FOR FIRE PROTECTION SYSTEMS, THE PIPE SHALL BE C-900 CLASS 200.
- 5. AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES, EXCEPT THRUST BLOCKS, USED ON ON—SITE FIRE PROTECTION SYSTEMS SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR
- OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL. 6. ALL PIPES AND FITTINGS SHALL BE WRAPPED PER N.F.P.A. 24
- AND BEDDED IN SAND. 7. PROVIDE UTILITY BOX. FOR 4" - 6" VALVE CHRISTY N48, FOR 8"+ CHRISTY N52 OR APPROVED EQUAL. PROVIDE 12" MIN CHAIN WELDED TO LIDS AND BOLTED TO INSIDE OF BOX. LID SHALL BE TRAFFIC RATED IF WITHIN A TRAFFIC AREA.

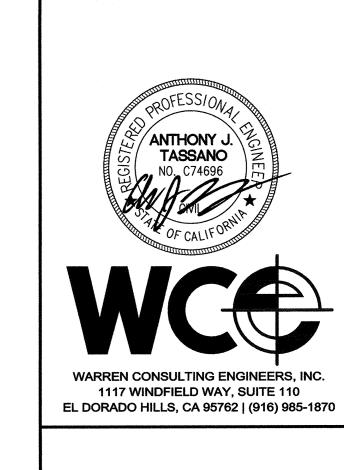












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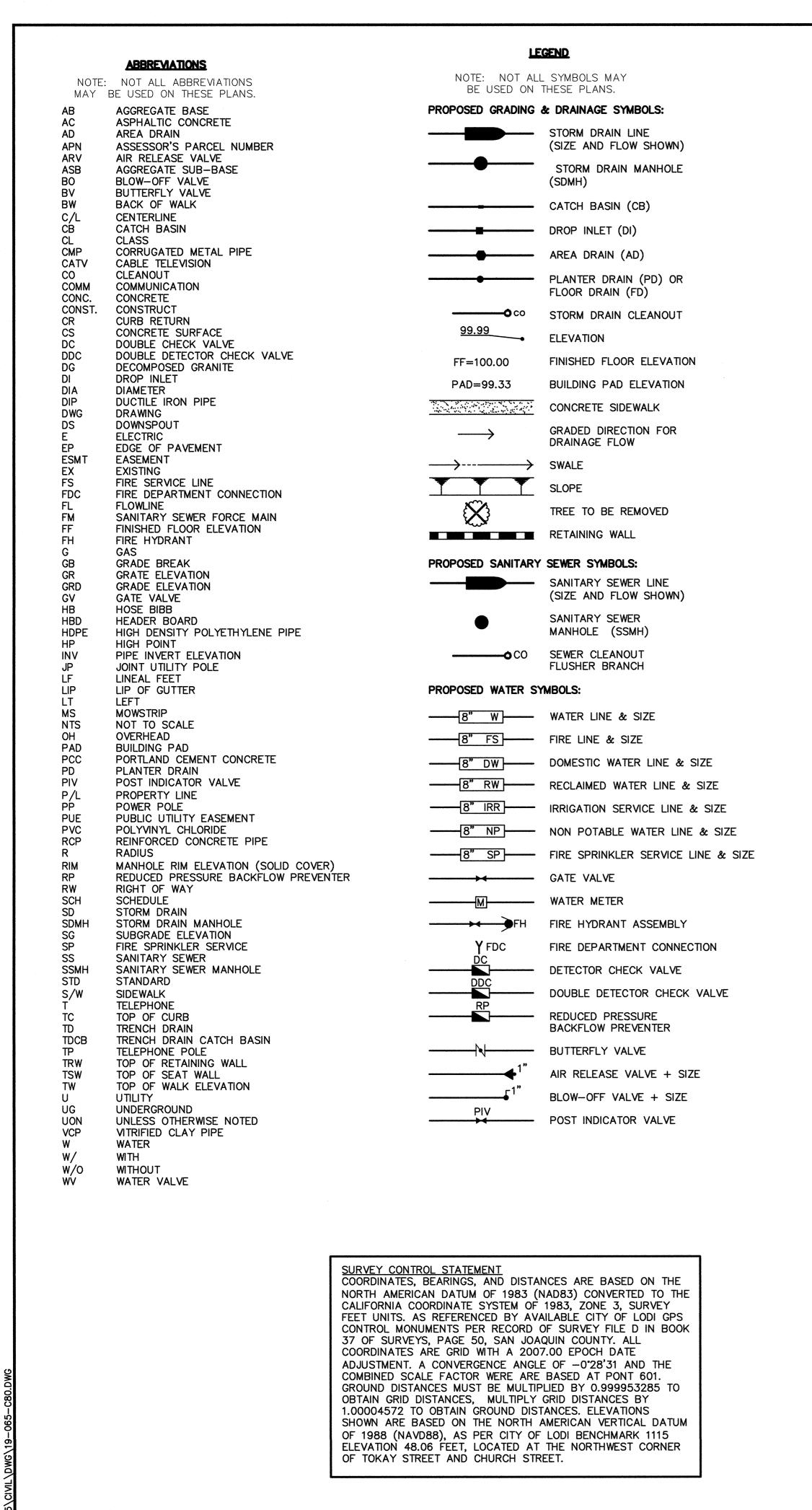
DETAILS AND

SECTIONS

SHEET C7.2

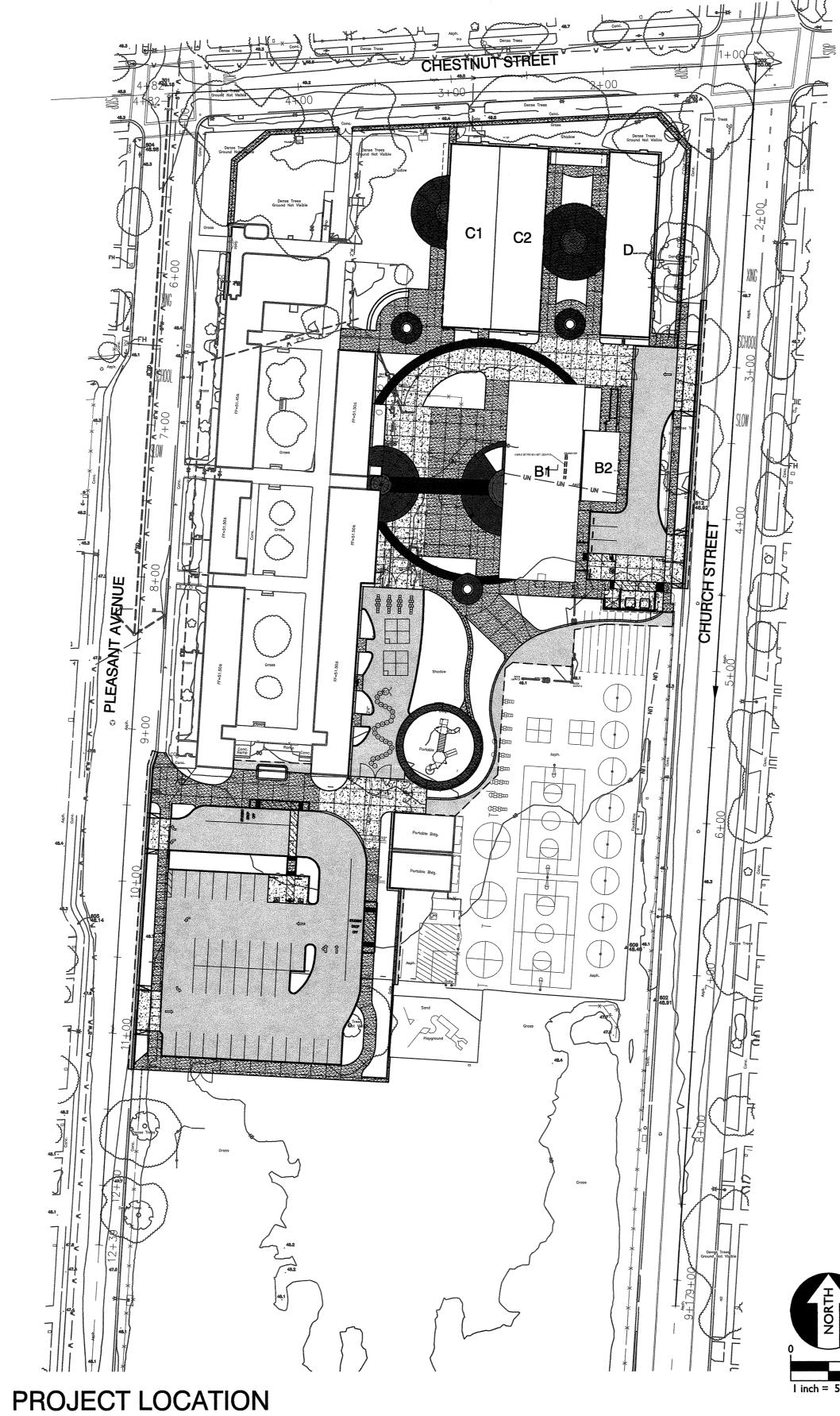
JR SMITH 2510 FLOOR DRAIN

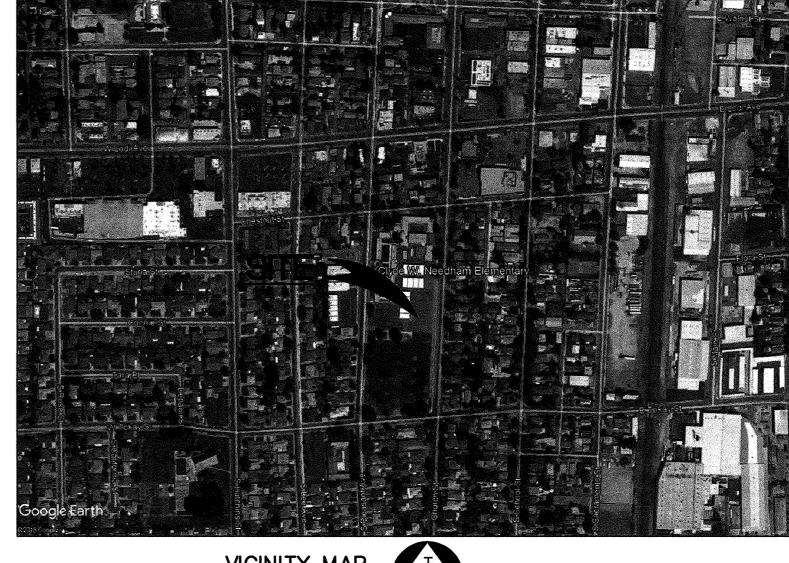
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CIVIL IMPROVEMENT PLANS FOR: CLYDE W. NEEDHAM ELEMENTARY SCHOOL

> **420 S PLEASANT AVENUE** LODI, CA 95240





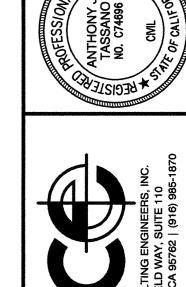
SHEET LEGEND

SHEET DESCRIPTION

OFF-SITE COVER SHEET OFF-SITE GENERAL NOTES PLEASANT AVENUE IMPROVEMENT PLAN

CHURCH STREET IMPROVEMENT PLAN CHESTNUT STREET IMPROVEMENT PLAN

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PRINT DATE PLAN SET 1 OF 5

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OFF-SITE **COVER SHEET**

C8.0

FILENAME:I:\19-065\CIVIL\DWG\19-065-C80.DWG

SCALE: 1"=50'

GENERAL NOTES:

- WORK SHALL CONFORM TO CITY OF LODI PUBLIC IMPROVEMENT DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE PLANS.
- 2. STANDARD PLANS APPLICABLE TO THIS PROJECT INCLUDE 111, 114, 132A, 135, 203, 301, 303, 304, 307, 308, 309, 313, 401, 402, 405, 406, 407, 408, 409, 412, 413, 415-A, 415-B, 501A, 501B, 502, 503, 505, 506, AND 612.
- CONSTRUCTION STAKING FOR CURB AND GUTTER, WASTE WATER LINES, STORM DRAINS, WATER LINES, STREET CENTERLINES, PAVING EDGES AND OTHER PUBLIC FACILITIES AS DIRECTED BY THE CITY SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
- 4. CENTERLINE AND PROPERTY LINE DATA SHALL BE PROVIDED BY FOR THIS PROJECT.
- EXISTING UNDERGROUND UTILITIES SHALL BE PROTECTED . UTILITY AGENCIES SHALL BE NOTIFIED AND ALLOWED TO MARK THEIR UTILITIES IN THE FIELD AT LEAST 48 HOURS BEFORE EXCAVATION. COMPLETENESS AND ACCURACY OF EXISTING UTILITY LOCATIONS SHOWN IN THESE PLANS ARE NOT GUARANTEED. CALL "USA" (800) 227-2600.
- 6. STREET GRADING SHALL BE DONE BEFORE UNDERGROUND WORK.
- UNDERGROUND UTILITIES IN THE STREET AND SIDEWALK AREA SHALL BE INSTALLED BEFORE CONSTRUCTION OF CURB, GUTTER OR SIDEWALK. THESE UTILITIES INCLUDE SERVICES, FIRE HYDRANT, LATERALS, STREET LIGHT CONDUIT, ELECTRIC, GAS, CABLE TV AND TELEPHONE
- 8. EXCAVATION SAFETY REQUIREMENTS INCLUDE SUBMITTING A CAL OSHA PERMIT OR LETTER OF NOTIFICATION TO THE CITY BEFORE COMMENCING EXCAVATIONS OVER FIVE FEET DEEP. REFER TO CITY CONSTRUCTION SPECIFICATION 6-19.04 "EXCAVATION SAFETY" FOR ADDITIONAL REQUIREMENTS.

ADDITIONAL CONSTRUCTION NOTES:

- 11. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, CITY INSPECTOR AND ALL UTILITY AGENCIES AT LEAST ONE WEEK PRIOR TO THE DATE OF THE MEETING. THE CONTRACTOR'S JOB SUPERINTENDENT, AND ALL MAJOR SUBCONTRACTORS SHALL ATTEND.
- 12. BEDDING FOR ALL PIPE LINES SHALL CONFORM TO CITY OF LODI STANDARD PLAN 501, 501-A, 501-B AND 501-C UNLESS OTHERWISE SHOWN. REFER TO TRENCH DETAILS - THIS
- 13. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY FOR 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 THE 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 THE ENGINEER.
- 14. WATER USED IN ANY PHASE OF CONSTRUCTION, SUCH AS BACKFILL COMPACTION, DUST CONTROL, TESTING OR OTHER WORK HEREIN REQUIRED, SHALL BE INCLUDED IN THE UNIT PRICE OR LUMP SUM BID FOR THE RESPECTIVE ITEM OF CONSTRUCTION OR ITEMS OF WORK.
- 15. ENGINEER SHALL SET ALL SURVEY CONTROLS AND CONSTRUCTION STAKES AS NECESSARY FOR COMPLETION OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY AND CONSTRUCTION STAKES. SURVEY AND CONSTRUCTION STAKES THAT ARE LOST OR DESTROYED DUE TO CONTRACTOR'S NEGLIGENCE WILL BE SET BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 16. CONTRACTOR SHALL GIVE ENGINEER A MINIMUM OF 48 HOURS NOTICE WHEN REQUESTING CONSTRUCTION STAKING.
- 17. TRAFFIC FLOW AND ACCESS ENTRYWAY SHALL BE MAINTAINED.
- 18. PUBLIC ROADWAYS SHALL REMAIN OPEN AT ALL TIMES. TRAFFIC CONTROL PER CALTRANS TRAFFIC CONTROL MANUAL 1995. NO OPEN TRENCHES EXCEPT AT THE TIME OF WORK. USE STEEL PLATES OR BACKFILL WITH A.C. CAP. ONE-WAY TRAFFIC REQUIRES FLAGGER PRESENT AT ALL TIMES. REFER TO NOTE 36.
- 19. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO KEEP DUST TO A MINIMUM COST TO BE INCLUDED IN OTHER ITEMS OF WORK. SEE SHEET 004D015-11 FOR EROSION AND DUST CONTROL NOTES.
- 20. A PROJECT IDENTIFICATION SIGN SHALL BE INSTALLED AS SHOWN ON THE PLANS, PRIOR TO GRADING. THE SIGN SHALL HAVE: DEVELOPER:
- ENGINEER: CONTRACTOR: LETTERING: BLUE OR BLACK ON WHITE (OR EQUIVALENT CONTRAST) 2" HIGH. INSTALL PRIOR TO ROUGH GRADING.
- 21. THE CONTRACTOR IS TO VERIFY THE DEPTH AND/OR LOCATION IN THE FIELD OF ALL EXISTING UTILITIES BEFORE THE START OF CONSTRUCTION.
- 22. THE DEVELOPER IS RESPONSIBLE FOR REPLACEMENT OF MISSING AND DAMAGED FILTER SCREENS UNTIL PROJECT IS ACCEPTED. A ROUTINE MAINTENANCE SCHEDULE IS TO BE MAINTAINED. FILTER SCREENS SHALL BE SECURED TO THE CATCH BASINS DURING THIS
- 23. ABANDONED IRRIGATION PIPES SHALL BE REMOVED.
- 24. WASTE WATER GENERATED BY CONCRETE WORK TO BE CAPTURED AND VACUUMED PRIOR TO ENTERING CITY STORM DRAIN SYSTEM.
- 25. THE CONTRACTOR SHALL PERFORM AT HIS EXPENSE ALL TESTS SPECIFIED OR REQUIRED BY THE CITY OF LODI QUALITY ASSURANCE PROGRAM TO ASSURE THAT CONSTRUCTION PROJECTS ARE IN CONFORMANCE WITH THE CITY OF LODI CONSTRUCTION SPECIFICATIONS. THE CONTRACTOR SHALL FURNISH ALL FACILITIES. LABOR AND MATERIALS REASONABLY REQUIRED FOR PERFORMING SAFE AND CONVENIENT TESTS AS ARE REQUIRED BY THE QUALITY ASSURANCE PROGRAM AND CONSTRUCTION SPECIFICATIONS. RESULTS OF THE TESTING PROCEDURES WILL BE PRESENTED TO THE CITY OF LODI PUBLIC WORKS INSPECTOR IN A TIMELY FASHION SO AS NOT TO DELAY THE CONTINUATION OF WORK. ANY SUCH DELAY SHALL SOLELY BE THE RESPONSIBILITY OF THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, A FINAL REPORT CONTAINING ALL TEST RESULTS PRESENTED IN AN ORDERLY MANNER SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. A COPY OF THE QUALITY ASSURANCE PROGRAM IS ON FILE IN THE CITY OF LODI PUBLIC WORKS DEPARTMENT.
- 26. STREETS ADJACENT TO THE PROJECT SITE SHOULD BE SWEPT AS NEEDED TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES. DAILY IF NEEDED.
- 27. UTILITY PIPE HORIZONTAL AND VERTICAL CLEARANCES SHALL COMPLY WITH STATE HEALTH

CLEARING AND GRADING NOTES:

- 28. ALL SITE VEGETATION, EXISTING TREES, STUMPS AND ETC. SHALL BE STRIPPED FROM
- 29. A SOILS INVESTIGATION HAS BEEN PREPARED BY WALLACE KUHL ASSOCIATES FILE NO. 12150.01P, DATED AUGUST 7, 2019. ALL SOILS WORK WILL STRICTLY ADHERE TO
- 30. CONTRACTOR TO REMOVE ANY SEDIMENTATION DEPOSITED ON EXISTING PAVED ROADWAYS

- 31. ALL MATERIAL EXCAVATED OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT EXCESSIVE AMOUNT OF DUST. WATERING SHOULD OCCUR AT LEAST TWICE A DAY WITH COMPLETE COVERAGE, PREFERABLY IN THE LATE MORNING AND AFTER WORK IS DONE FOR
- 32. ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE DURING
- OF DUST EMISSIONS.
- 34. STREETS ADJACENT TO THE PROJECT SITE SHOULD BE SWEPT AS NEEDED TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES.
- 35. THE AREA DISTURBED BY CLEARING, EARTH MOVING OR EXCAVATION ACTIVITIES SHOULD BE MINIMIZED AT ALL TIMES.
- 36. ALL MATERIAL TRANSPORTED ON OR OFF-SITE SHALL EITHER BE SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNT OF DUST.
- 37. ALL INTERNAL COMBUSTION ENGINE DRIVEN EQUIPMENT SHOULD BE PROPERLY MAINTAINED AND WELL TUNED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- ABOVE WORK SHALL BE INCLUDED IN THE BID. THE CONTRACTOR SHALL ALSO WATER THE SITE, AS AN EXTRA, WHEN REQUESTED BY THE CITY OR THE OWNER. STOCKPILE AREA TO BE INCLUDED UNDER BID DUST CONTROL.
- 39. ON-SITE VEHICLE SPEEDS SHALL BE LIMITED TO 15 MPH.

WINTERIZATION NOTES:

- 42. EROSION CONTROL. ALL CATCH BASINS SHALL BE SEALED UNTIL THE COMPLETION OF THE PROJECT. IF SITE WORK EXTENDS INTO THE RAINY SEASON, OTHER MEASURES MAY BE TAKEN AS REQUIRED BY THE CITY AND ARCHITECT AT NO ADDITIONAL COST TO THE OWNER. ALL STORM DRAINAGE TRAPS SHALL BE CLEANED PRIOR TO ACCEPTANCE.
- 44. CONTRACTOR WILL BE REQUIRED TO CLEAN EXISTING STORM DRAIN DOWNSTREAM OF THIS PROJECT AS NECESSARY. DETERMINE EXISTING CONDITION WITH CITY INSPECTOR PRIOR TO
- 45. CONTRACTOR SHALL REMOVE ANY IRRIGATION LINES ENCOUNTERED.

EROSION AND SEDIMENT CONTROL NOTES:

- 47. NOTICE OF INTENT (NOI) FOR STATE GENERAL NPDES CONSTRUCTION PERMIT IS REQUIRED PRIOR TO SITE WORK.
- 49. INSTALL AND MAINTAIN A BRICK-WEIR PLUG IN THE CONSTRUCTED 24" STORM DRAIN IN THE MANHOLE IN BECKMAN RD. AT STATION 22+30± UNTIL COMPLETION OF PROJECT. WEIR SHALL BE 21 INCHES HIGH MINIMUM. ALL STORM DRAINS SHALL BE CLEANED PRIOR TO REMOVING THE WEIR. CONTRACTOR SHALL PERIODICALLY REMOVE SILT AS NECESSARY TO MAINTAIN EFFECTIVENESS OF THE WEIR.
- 50. ALL CATCH BASINS SHALL BE SEALED UNTIL THE COMPLETION OF THE PROJECT. IF SITE WORK EXTENDS INTO THE RAINY SEASON, OTHER MEASURES MAY BE TAKEN AS REQUIRED BY THE CITY AND ARCHITECT AT NO ADDITIONAL COST TO THE OWNER. ALL STORM DRAINAGE TRAPS SHALL BE CLEANED PRIOR TO ACCEPTANCE.
- 51. COST OF EROSION CONTROL AND OTHER ITEMS OF WINTERIZATION SHALL BE INCLUDED IN
- 52. CONTRACTOR WILL BE REQUIRED TO CLEAN EXISTING STORM DRAIN DOWNSTREAM OF THIS PROJECT AS NECESSARY. DETERMINE EXISTING CONDITION WITH ENGINEER AND CITY INSPECTOR PRIOR TO CONSTRUCTION. PUMPED WATER TO BE DISCHARGED TO THE SOUTH.

- BUILDING AND PAVEMENT AREA.
- RECOMMENDATIONS AND REQUIREMENTS WITHIN THAT REPORT.
- PRIOR TO LEAVING THE SITE, IF POSSIBLE, AND IN ALL CASES WITHIN 24 HOURS.

DUST CONTROL REQUIREMENTS:

- PERIODS OF HIGH WINDS GREATER THAN 20 MPH AVERAGE OVER ONE HOUR.
- 33. ALL AREAS WITH VEHICLE TRAFFIC SHOULD BE WATERED PERIODICALLY FOR STABILIZATION

- 38. DUST CONTROL IS THE CONTRACTORS SOLE RESPONSIBILITY WHEN WORKING ON-SITE. THE
- 40. ALL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT.
- 41. WHEN CONDITIONS ARE DRY, ALL MATERIAL EXCAVATED OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT EXCESSIVE AMOUNT OF DUST. WATERING SHOULD OCCUR AT LEAST TWICE A DAY WITH COMPLETE COVERAGE, PREFERABLY IN THE LATE MORNING AND AFTER WORK IS DONE FOR THE DAY.

- 43. COST OF EROSION CONTROL AND OTHER ITEMS OF WINTERIZATION SHALL BE INCLUDED IN THE ITEM ENTITLED "EROSION CONTROL AND WINTERIZATION".
- CONSTRUCTION.
- 46. NO WELLS, SEPTIC TANKS OR OTHER UNDERGROUND TANKS ARE KNOWN TO EXIST ON THIS

- 48. REFERENCE WDID #
- THE ITEM ENTITLED "EROSION CONTROL AND WINTERIZATION"

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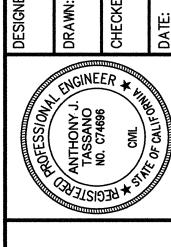
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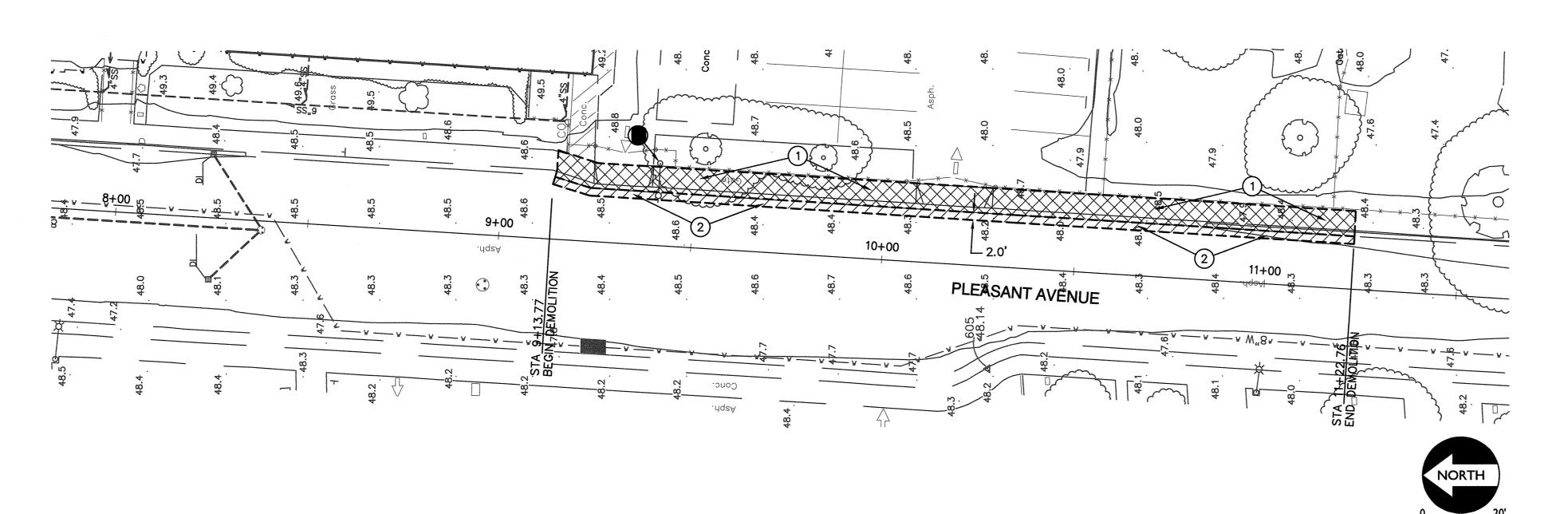
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> OFF-SITE **GENERAL NOTES**

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DEMOLITION NOTES

REMOVE AND DISPOSE OF EXISTING CURB, GUTTER AND SIDEWALK PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

- SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING PER CITY OF LODI STANDARDS AND SPECIFICATIONS.
- EXISTING LIGHT POLE TO REMAIN.

CALE: A.P.			üį			Ţ	-
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EMENTARY NEEDHAM EL ADDITIONS INCREMENT

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1117 WINDFIELD WAY, SUITE 110 EL DORADO HILLS, CA 95762 | (916) 985-1870

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

PLEASANT AVENUE IMPROVEMENT PLAN

C8.2

SDMH 8"INV(W)=45.75 8"INV(S)=45.85 8+00 m v v v v v STA 8+38.00 EX. SDMH EX.8"INV=45.5± 19 48.80TC 48.30FL_∞ PLEASANT AVENUE

CONSTRUCTION NOTES 11. MATCH EXISTING GRADE/ELEVATION.

I inch = 20 feet

CONSTRUCT SIDEWALK AND DRIVEWAY WITH PLANTER STRIP PER CITY OF LODI STD. PLAN 121.

CONSTRUCT VERTICAL CURB, GUTTER AND SIDEWALK PER CITY OF LODI STD. PLAN 135.

 CONSTRUCT VERTICAL CURB WITH DETACHED SIDEWALK PER CITY OF LODI STD. PLANS 121 AND 135. 15. ASPHALT PAVING AND BASE PER CITY OF LODI STANDARDS.

16. PLACE 8" FIRE SERVICE PER CITY OF LODI STD. PLAN 407.

 PLACE 8" ABOVE GROUND DOUBLE CHECK DETECTOR PER CITY OF LODI STD. PLAN 411. PLACE 8" STORM DRAIN PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

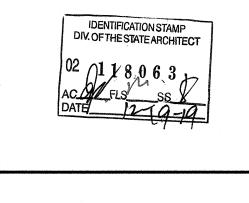
CONNECT TO EXISTING STORM DRAIN MANHOLE PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

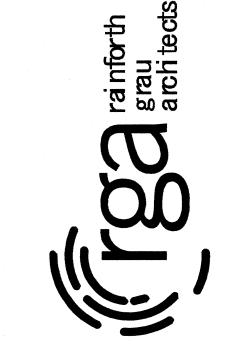
20. SEE ON-SITE PLANS FOR DESIGN.

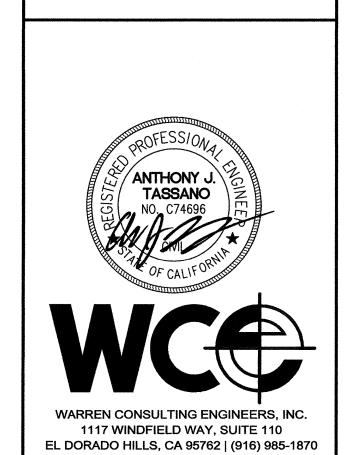
PLEASANT AVENUE - IMPROVEMENT PLAN

PLEASANT AVENUE - DEMOLITION PLAN

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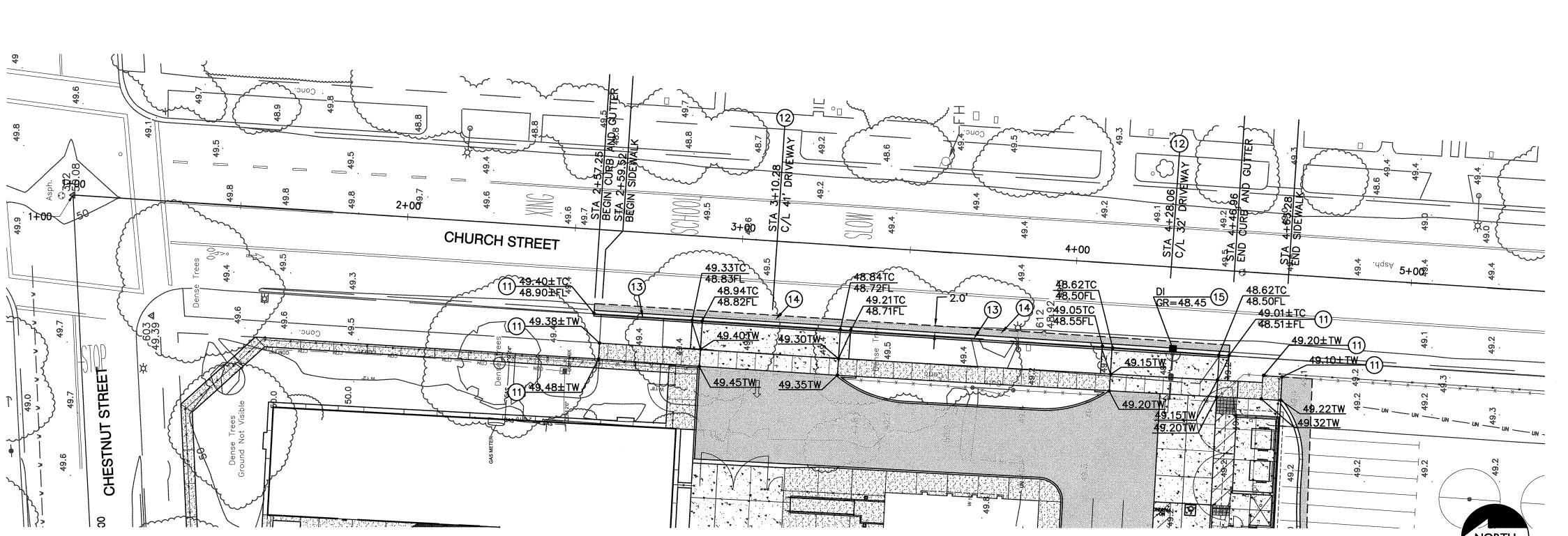
NEEDHAM EL ADDITIONS INCREMENT

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CHURCH STREET **IMPROVEMENT PLAN**

C8.3

CHURCH STREET - DEMOLITION PLAN



CONSTRUCTION NOTES

O DEMOLITION NOTES

SPECIFICATIONS.

5. EXISTING LIGHT POLE TO REMAIN.

REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

2. REMOVE AND DISPOSE OF EXISTING DETACHED SIDEWALK PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

3. SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING PER CITY OF LODI STANDARDS AND

4. REMOVE AND DISPOSE OF EXISTING CURB INLET.

11. MATCH EXISTING GRADE/ELEVATION.

CONSTRUCT SIDEWALK AND DRIVEWAY WITH PLANTER STRIP PER CITY OF LODI STD. PLAN 121.

CONSTRUCT VERTICAL CURB WITH DETACHED SIDEWALK PER CITY OF LODI STD. PLANS 121 AND 135.

14. ASPHALT PAVING AND BASE PER CITY OF LODI STANDARDS. 15. CONSTRUCT DROP INLET PER CITY OF LODI STD. DWG. PLAN 304. CONNECT TO EXISTING STORM DRAIN PIPES.

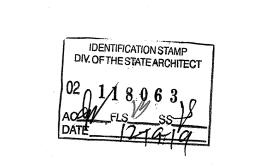
4 OF 5

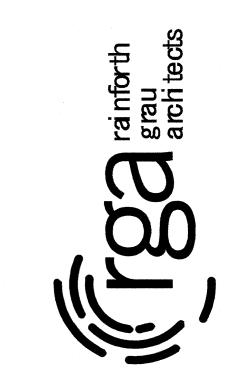
PRINT DATE

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CHURCH STREET - IMPROVEMENT PLAN







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CHESTNUT STREET IMPROVEMENT PLAN

eldisiV JoM bnu¢ Dense Trees Ground Mot Visible Dense Trees CHESTNUT STREET 9.6₺ CHESTNUT STREET - DEMOLITION PLAN

8'6b	
	AVE. 3
Bense Trees 8.94 R County Now bruse 8.94 R R R R R R R R R R R R R	4 g 4 / ' : 86.84 ∏ 3
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Scons Sept Sept Sept Sept Sept Sept Sept Sept	6.84
See T agreed Sight and Sig	
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7100 D T	91 64+82 10£
2+00	γ (5.84) ξ
9'6b CHESTNUT STREET 9'6b CHESTNUT STREET 9'6b CHESTNUT STREET 9'6b	6.84 W
9 1+00 2/8t	\$'87 T
6.84 (sept.) (9.84 (sept.)	1 1 1 3 1
1.64 {	
8.64 × 6.	

CHESTNUT STREET - IMPROVEMENT PLAN



CONSTRUCTION NOTES

O DEMOLITION NOTES

REMOVE EXISTING 2" WATER SERVICE PER CITY OF LODI STANDARDS AND SPECIFICATIONS.

- 11. PLACE 8" FIRE SERVICE PER CITY OF LODI STD. PLAN 407.
- PLACE 8" ABOVE GROUND DOUBLE CHECK DETECTOR PER CITY OF LODI STD. PLAN 411.
- PLACE 3" DOMESTIC WATER SERVICE PER CITY OF LODI S PLAN 406.
- PLACE 3" REDUCED PRESSURE ASSEMBLY PER CITY OF L STD. PLAN 413.
- 15. SEE ON-SITE PLANS FOR DESIGN.

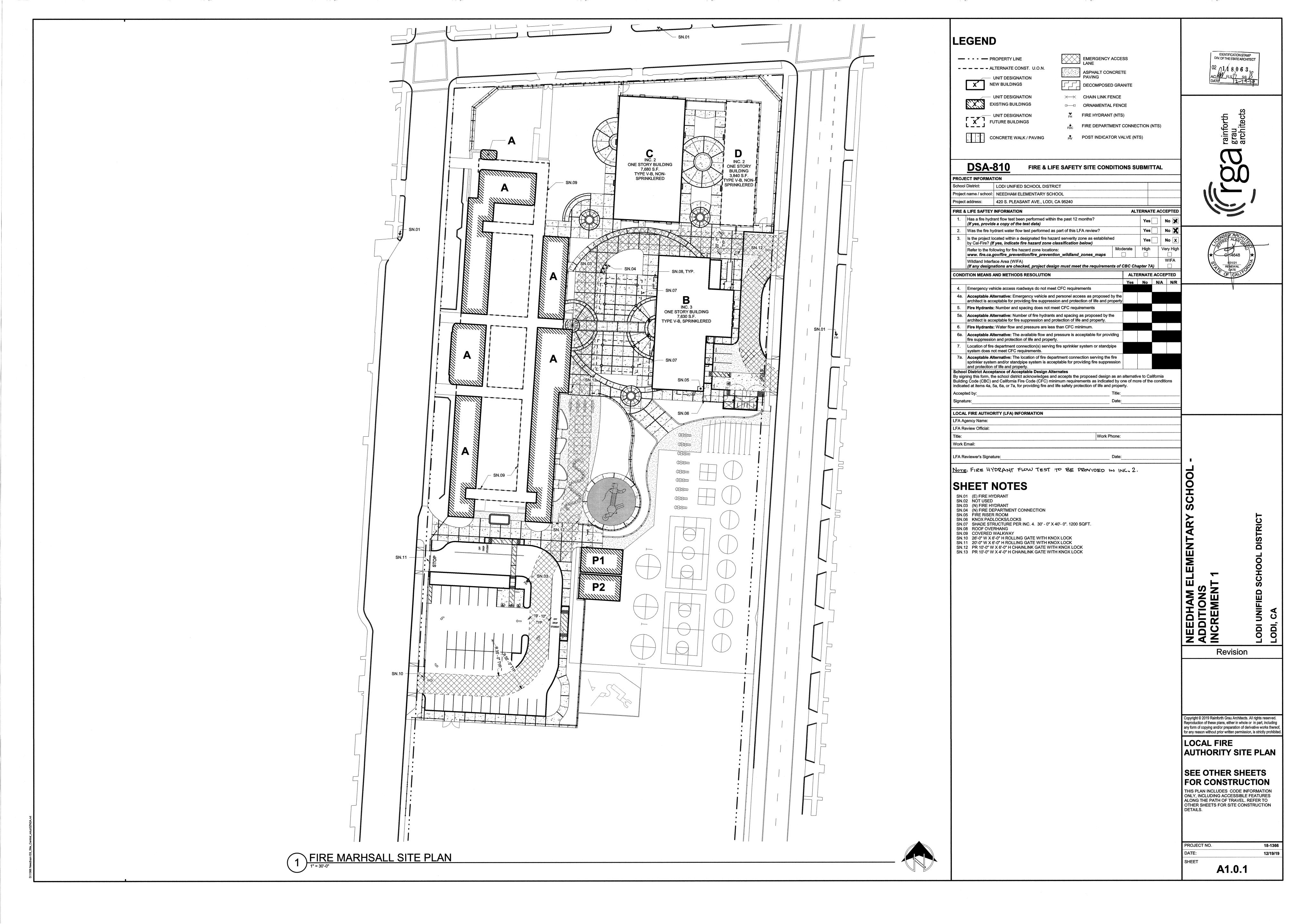
ER	Q Q
STD.	NEH S. IN
LODI	WARREN CONSULTING ENGINEERS, INC.

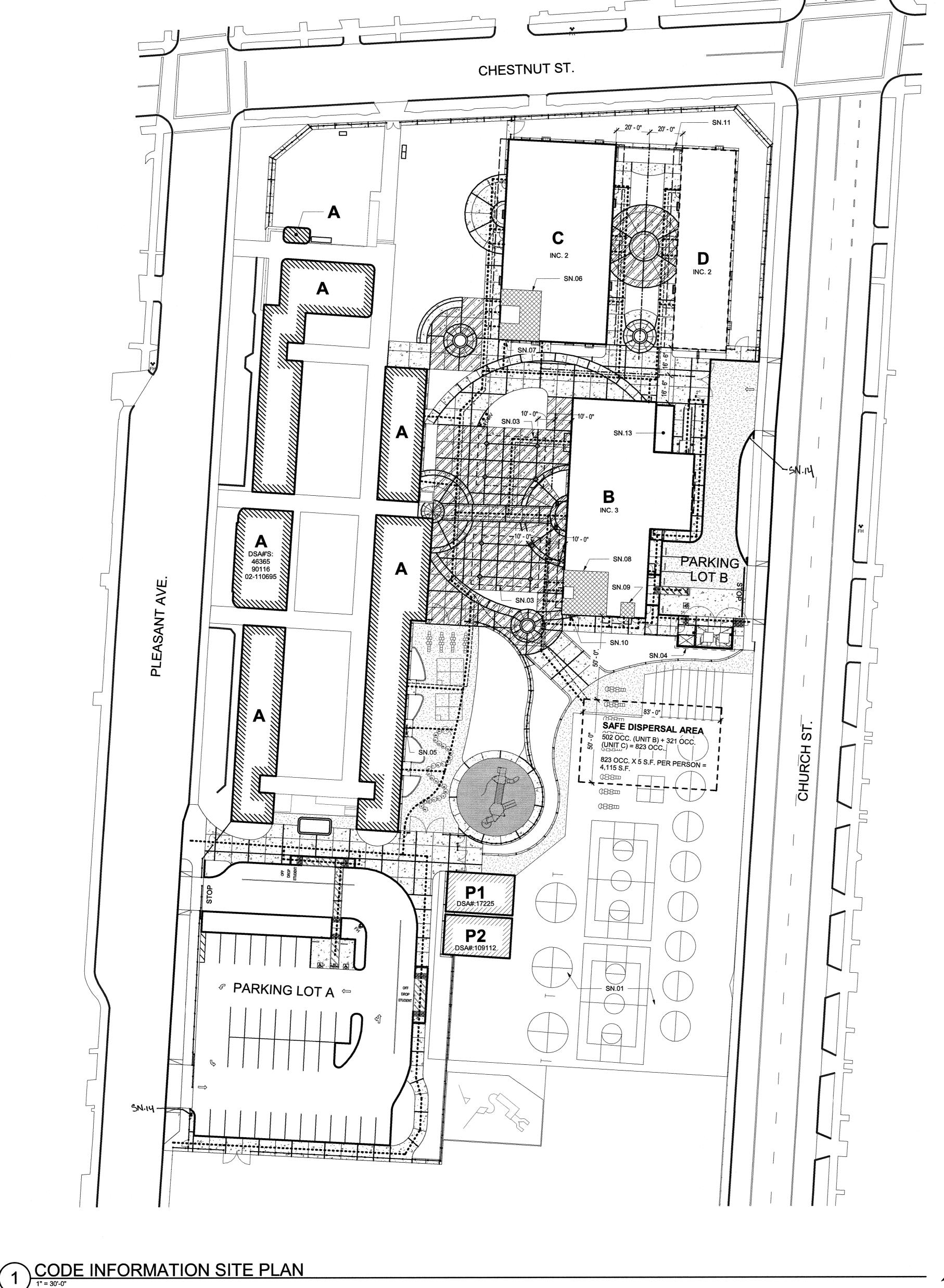
WARREN CONSULTING ENGINEERS, INC. 1117 WINDFIELD WAY, SUITE 110 EL DORADO HILLS, CA 95762 (916) 985-1870
--

5 OF 5 SHEET NO. DRAWING NO.

C8.4

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EXISTING PATH OF TRAVEL (POT): ARCHITECT STATEMENT DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE 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 NON-COMPLIANT

1) HAVE BEEN IDENTIFIED AND 2) 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 SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

BUILDING DATA AND ALLOWABLE AREA ANALYSIS								
BUILDING	OCCUPANCY	CONSTRUCTION TYPE	ALLOWABLE AREA (TABLE 503)	ACTUAL BLDG. AREA	BLDG. HEIGHT			
BLDG. B MULTIPURPOSE/ PHYSICAL EDUCATION/ KITCHEN	A-3 / E /F-1	V-B, SPRINKLERED	24,000 SQ.FT.	B1: 4,015 B2: 3,615 O ¹ : 691 8,321	ALLOWABLE: 60' - 0" ACTUAL: 28' - 6"			
BLDG. C MODULAR CLASSROOMS	E	V-B, NON-SPRINKLERED	9,500 SQ.FT.	C1: 3,840 C2: 3,840 O ¹ : 1,200 8,880	ALLOWABLE 40' - 0" ACTUAL: 11' - 6"			
BLDG. D MODULAR CLASSROOMS	E	V-B, NON-SPRINKLERED	9,500 SQ.FT.	D: 3,840 O ¹ : 600 4,440	ALLOWABLE 40' - 0" ACTUAL: 11' - 6"			

39 STALLS

4 STALLS

(TABLE 11B-208.2)

2 (26-50 TOTAL STALLS)

1 STANDARD & 1 VAN

FOOT NOTES: OVERHANG OR COVERED WALKWAY.

ACCESSIBLE PARKING STALL CALCULATION

PARKING LOT A TOTAL PARKING STALL COUNT: ACCESSIBLE PARKING STALLS REQUIRED ACCESSIBLE STALLS: 1 (1-6 ACCESSIBLE STALLS) REQUIRED VAN ACCESSIBLE STALLS: ACCESSIBLE STALLS PROVIDED:

PARKING LOT B TOTAL PARKING STALL COUNT: ACCESSIBLE PARKING STALLS REQUIRED ACCESSIBLE STALLS: REQUIRED VAN ACCESSIBLE STALLS:

(TABLE 11B-208.2) 1 (1-25 TOTAL STALLS) 1 (1-6 ACCESSIBLE STALLS) ACCESSIBLE STALLS PROVIDED:

NOTE: REQUIRED FIRE FLOW = 2,500 G.P.M @ 20 P.S.I.

LEGEND

---- ASSUMED PROPERTY LINE

- UNIT DESIGNATION X NEW BUILDINGS - UNIT DESIGNATION EXISTING BUILDINGS

- UNIT DESIGNATION ALTERNATE BUILDINGS

- EXPANSION JOINT CONCRETE WALK / PAVING - CONTROL JOINT

PLAZA AREA TO BE 1.8% MAX SLOPE IN ANY DIRECTION. PATH OF TRAVEL SHOWN DOES NOT INDICATE ONLY AREA TO BE COMPLIANT; PLEASE SEE GRADING PLAN.

ASPHALT CONCRETE PAVING

CHAIN LINK FENCE

TRUNCATED DOMES ----- PATH OF EXIT DISCHARGE

ACCESSIBLE PATH OF TRAVEL (P.O.T.): SITE WALKWAYS SHALL PROVIDE A BARRIER-FREE P.O.T. ABRUPT CHANGES IN LEVEL ALONG ANY P.O.T. ARE ALLOWED UP TO 1/2". ONLY ABRUPT CHANGES IN ELEVATION UP TO 1/4" ARE ALLOWED TO HAVE A VERTICAL TRANSITION. ABRUPT CHANGES IN ELEVATION BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1-UNIT VERTICAL TO

••••• ACCESSIBLE PATH OF TRAVEL

2-UNITS HORIZONTAL. . WALKWAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE GRATING WHICH OCCUR WITHIN THE P.O.T. SHALL HAVE OPENINGS WHICH DO NOT EXCEED 1/2" IN THE DIRECTION OF TRAVEL PER CBC SECTION 11B-302.3.

3. AN ABRUPT DROP-OFF CHANGE IN ELEVATION AT THE EDGE OF ANY WALK INTO AN ADJACENT PLANTER SHALL NOT EXCEED 4". 4. SLOPES IN THE DIRECTION OF THE P.O.T. GREATER THAN 1-UNIT VERTICAL TO 20-UNITS HORIZONTAL SHALL BE CONSIDERED A RAMP AND WILL REQUIRE HANDRAILS ON BOTH SIDES PER CBC SECTION 11B-505 SLOPES IN THE DIRECTION OF THE P.O.T. ALONG WALKWAYS SHALL NOT EXCEED 5%. CROSS SLOPES IN

THE P.O.T. ALONG WALKWAYS SHALL NOT EXCEED 2%. 5. ALL WALKWAYS WITHIN THE P.O.T. SHALL BE A MINIMUM OF 48" IN WIDTH. SURFACES WITH A SLOPE OF 5% OR LESS SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A LIGHT BROOM FINISH. SURFACES WITH A SLOPE OF MORE THAN 5% SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A MEDIUM

BROOM FINISH. 6. OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACE WITHIN THE P.O.T. PER CBC SECTION 11B-307.

SN.02 NOT USED SN.03 SHADE STRUCTURE PER INC. 4. 30' - 0" X 40'- 0".

1200 SQ. FT. EACH SN.04 TRASH ENCLOSURE COVER PER INC. 4. 36'-0" X

17'-0", 635 SQ. FT. SN.05 ACCESSIBLE DRINKING FOUNTAIN PER THIS APPLICATION SN.06 ACCESSIBLE STUDENT RESTROOMS PER INC. 2

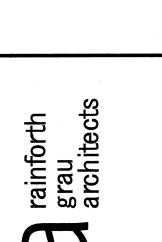
SN.07 ACCESSIBLE DRINKING FOUNTAIN PER INC. 2 SN.08 ACCESSIBLE STUDENT RESTROOMS PER INC. 3

SN.09 ACCESSIBLE STAFF RESTROOM PER INC. 3 SN.10 ACCESSIBLE DRINKING FOUNTAIN PER INC. 3

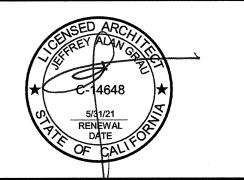
SN.11 PROJECTION LINE, TYPICAL AT EACH BUILDING SN.13 EXTERIOR WALK-IN COOLER, PER INCREMENT 3

SN.14 PARKING LOT ENTRANCE SIGN 5

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT |02| 1 1 8 0 6 3,







Revision

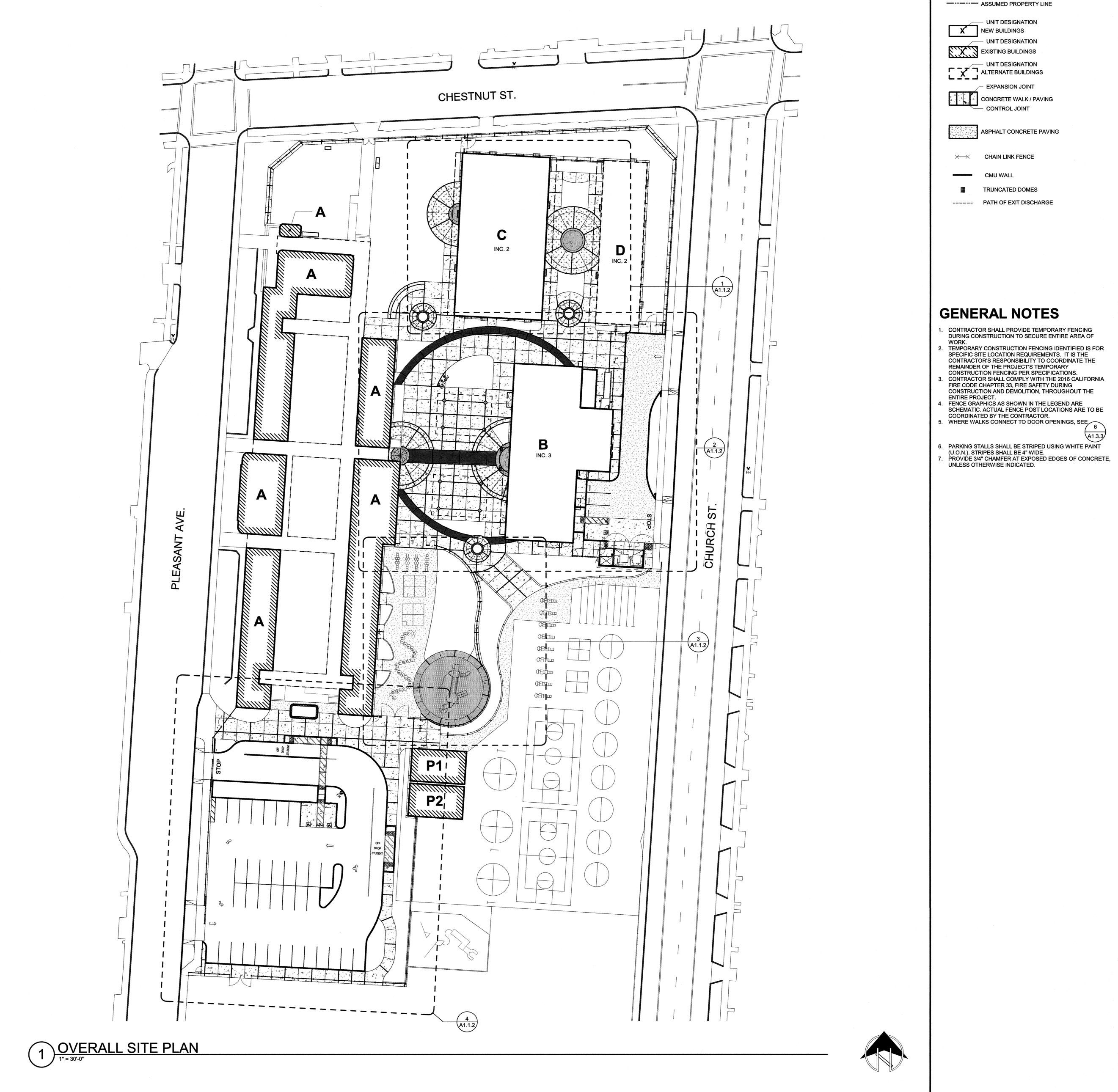
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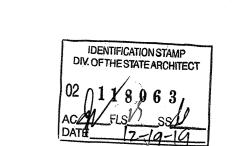
CODE INFORMATION SITE PLAN

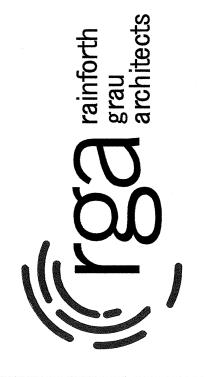
SEE OTHER SHEETS FOR CONSTRUCTION THIS PLAN INCLUDES CODE INFORMATION ONLY, INCLUDING ACCESSIBLE FEATURES
ALONG THE PATH OF TRAVEL. REFER TO
OTHER SHEETS FOR SITE CONSTRUCTION

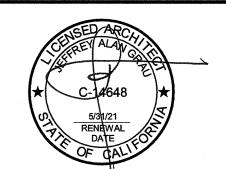
12/19/19 A1.0.2











2. TEMPORARY CONSTRUCTION FENCING IDENTIFIED IS FOR SPECIFIC SITE LOCATION REQUIREMENTS. IT IS THE

LEGEND

- . CONTRACTOR SHALL COMPLY WITH THE 2016 CALIFORNIA FIRE CODE CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, THROUGHOUT THE
- SCHEMATIC. ACTUAL FENCE POST LOCATIONS ARE TO BE COORDINATED BY THE CONTRACTOR.

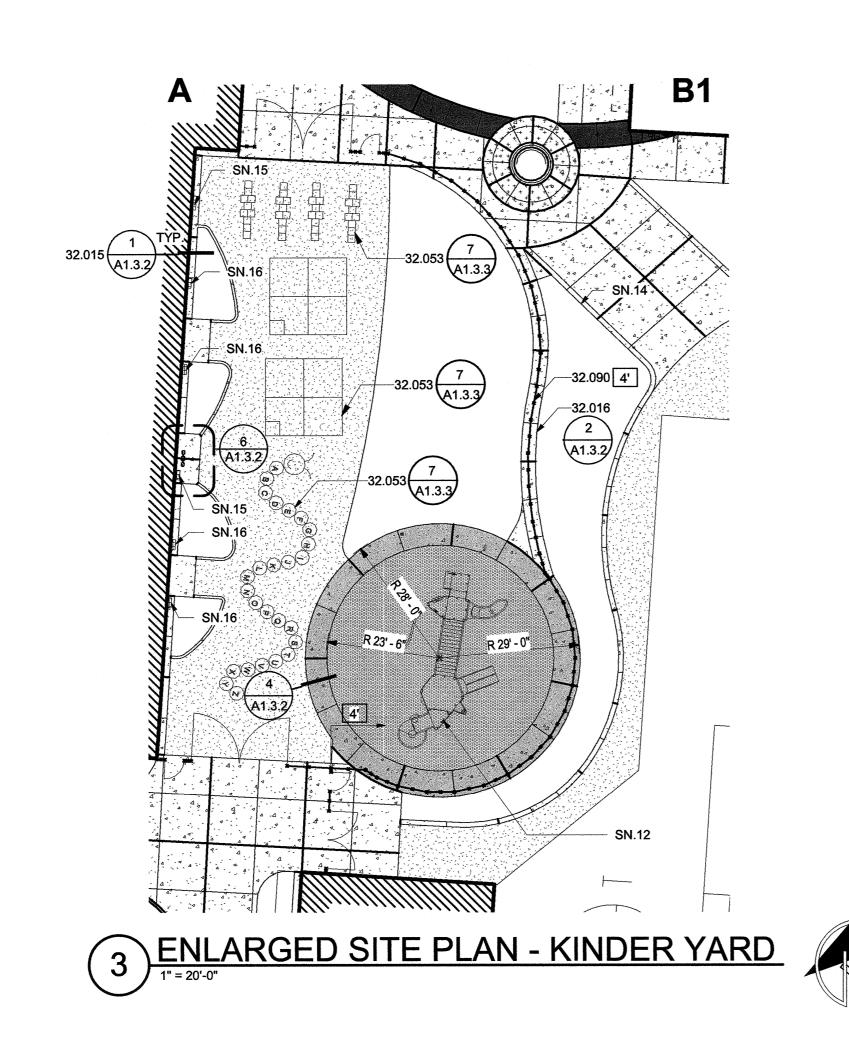
 5. WHERE WALKS CONNECT TO DOOR OPENINGS, SEE

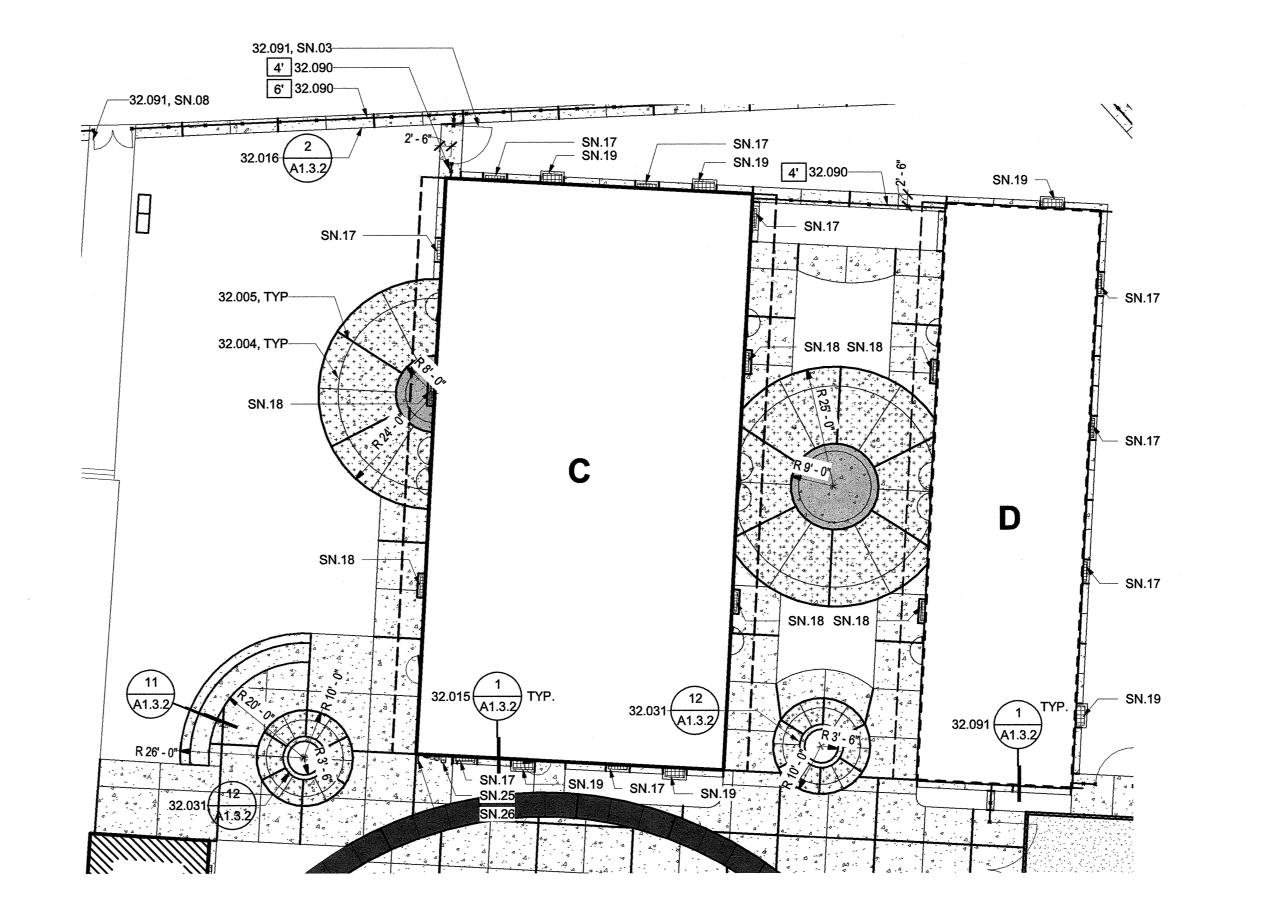
Revision

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OVERALL SITE PLAN

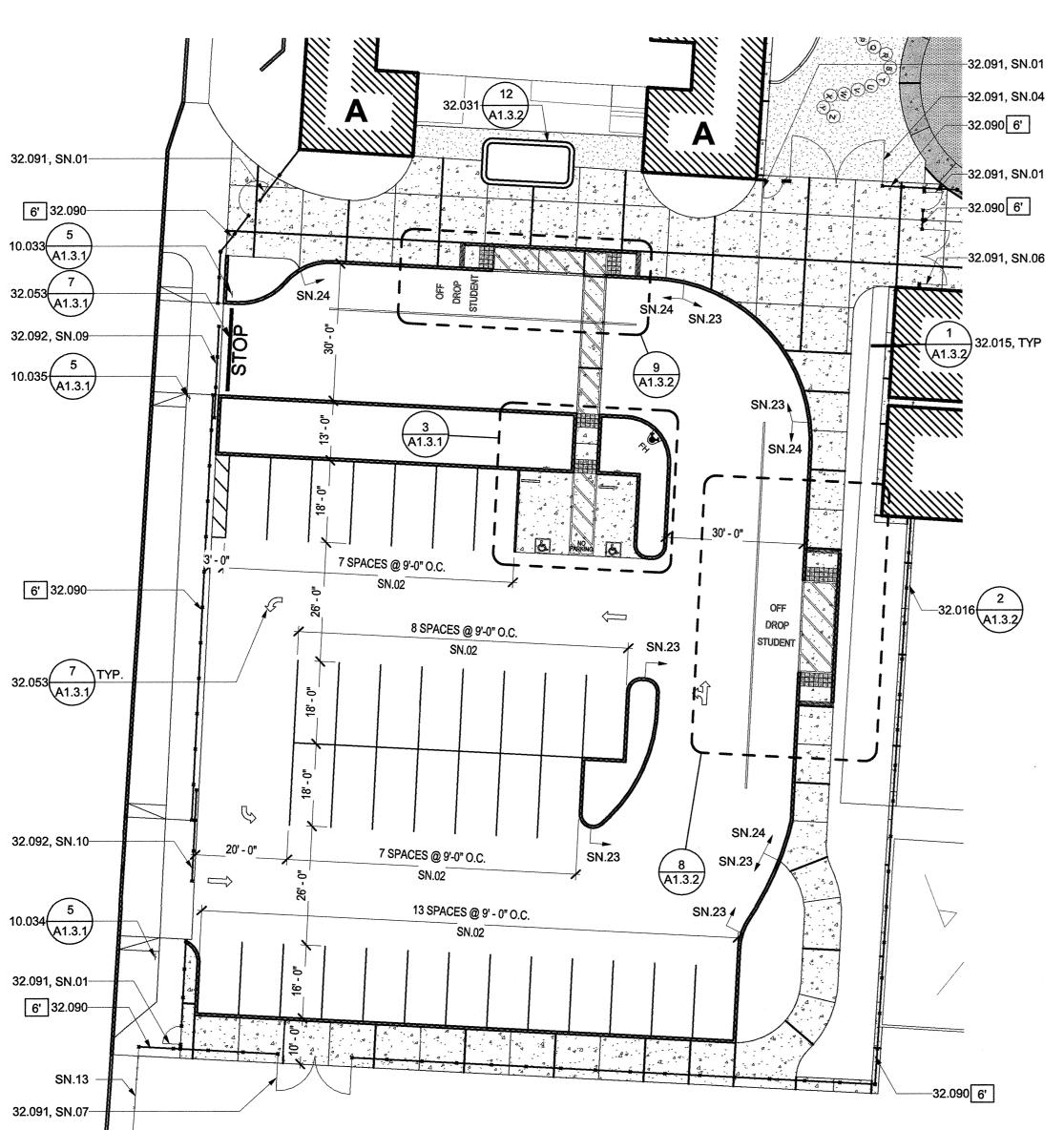
A1.1.1



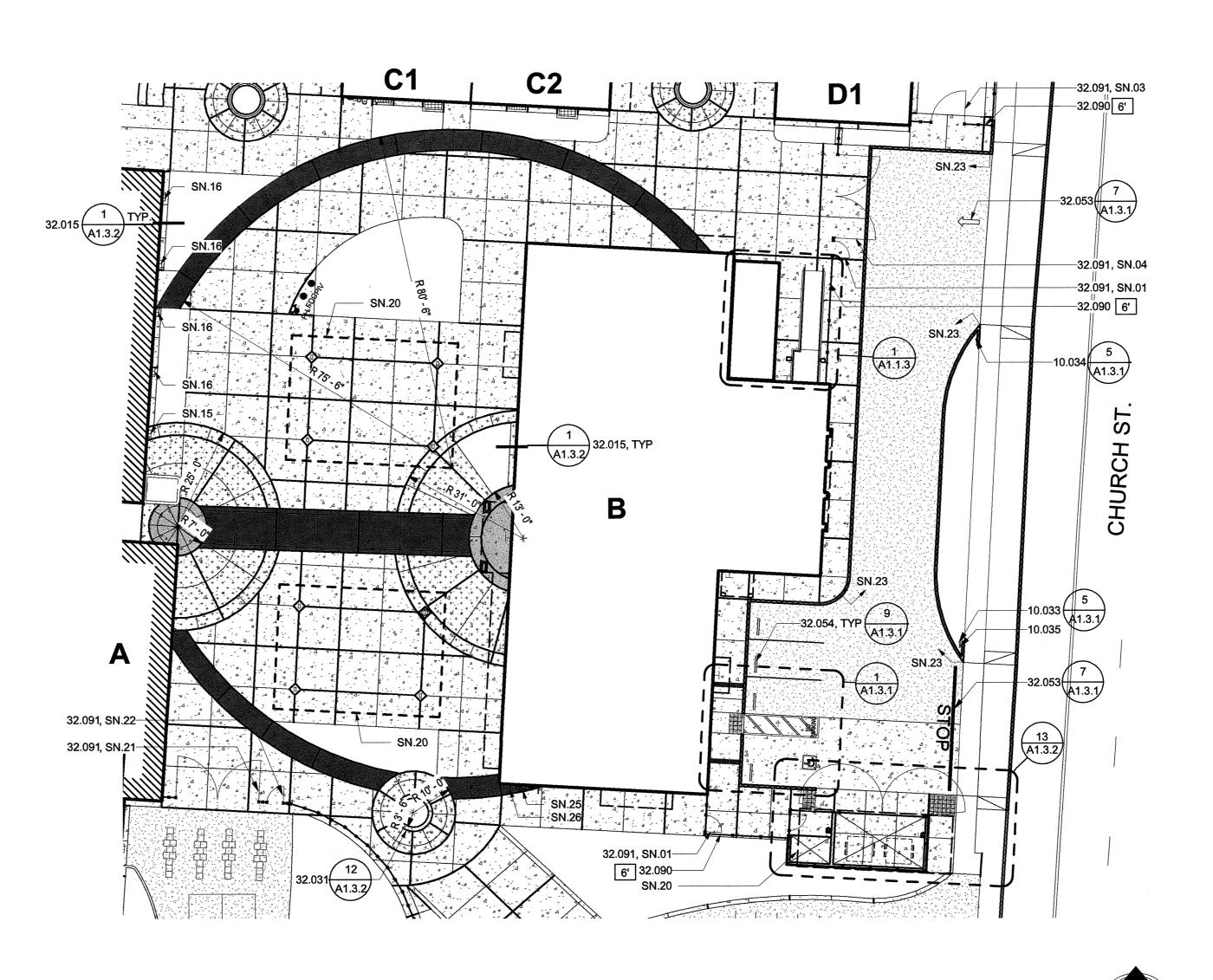


1 ENLARGED SITE PLAN - CLASSROOMS





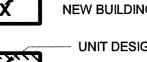
4 ENLARGED SITE PLAN - PARKING

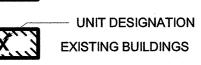


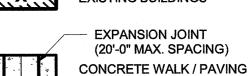
2 ENLARGED SITE PLAN - YARD

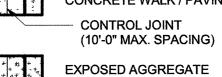
LEGEND

- UNIT DESIGNATION **NEW BUILDINGS**













ASPHALT CONCRETE PAVING

X CHAIN LINK FENCE FENCE OR WALL HEIGHT

TRUNCATED DOMES

FIRE HYDRANT (NTS) FIRE DEPARTMENT CONNECTION (NTS)

POST INDICATOR VALVE (NTS)

GENERAL NOTES

. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING DURING CONSTRUCTION TO SECURE ENTIRE AREA OF SPECIFIC SITE LOCATION REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE

REMAINDER OF THE PROJECT'S TEMPORARY CONSTRUCTION FENCING PER SPECIFICATIONS. CONTRACTOR SHALL COMPLY WITH THE 2016 CALIFORNIA FIRE CODE CHAPTER 33, FIRE SAFETY DURING

CONSTRUCTION AND DEMOLITION, THROUGHOUT THE ENTIRE PROJECT. FENCE GRAPHICS AS SHOWN IN THE LEGEND ARE SCHEMATIC. ACTUAL FENCE POST LOCATIONS ARE TO BE COORDINATED BY THE CONTRACTOR. WHERE WALKS CONNECT TO DOOR OPENINGS, SEE 6

E. PARKING STALLS SHALL BE STRIPED USING WHITE PAINT (U.O.N.). STRIPES SHALL BE 4" WIDE. PROVIDE 3/4" CHAMFER AT EXPOSED EDGES OF CONCRETE, UNLESS OTHERWISE INDICATED.

SHEET NOTES

SN.01 4'-0" W X 6'-0" H CHAINLINK GATE (A1.3.3) SN.02 DIMENSION IS TO CENTERLINE OF STRIPING SN.03 8'-0" W X 4'-0" H CHAINLINK GATE SN.04 PR 10'-0" W X 6'-0" H CHAINLINK GATE WITH KNOX LOCK

SN.05 NOT USED SN.06 PR 6'-0" W X 6'-0" H CHAINLINK GATE SN.07 PR 8'-0" W X 6'-0" H CHAINLINK GATE SN.08 PR 4'-0" W X 6'-0" H SN.09 20'-0" W X 6'-0" H ROLLING GATE WITH KNOX LOCK SN.10 26'-0" W X 6'-0" H ROLLING GATE WITH KNOX LOCK

SN.11 NOT USED SN.12 PLAY APPARATUS SN.13 (E) FENCE TO REMAIN SN.14 CONCRETE STRIP SEPARATING PLANTER AND ASPHALT SN.15 (E) FOUNDATION VENT. PROVIDE ADA COMPLIANT WELL WITH GRATE TO ALLOW FOR VENTILATION. FIELD VERIFY

LOCATION AND SIZE. SN.16 (E) FOUNDATION VENT. PROVIDE WELL WITH GRATE TO ALLOW FOR VENTILATION. FIELD VERIFY LOCATION AND

SN.17 4'-0" X 1'-0" FOUNDATION VENT WITH GRATE (A1.3.3)

SN.18 4'-0" X 1'-0" FOUNDATION VENT WITH ADA COMPLIANT GRATE. 8 SN.19 4'-0" X 2'-0" ACCESS VENT WITH GRATE (A1.3.3)

SN.20 SHADE STRUCTURE PER INC. 4 SN.21 PR 10'-0" W X 4'-0" H CHAINLINK GATE WITH KNOX LOCK SN.22 4'-0" W X 4'-0" H CHAINLINK GATE 1

SN.23 RED PAINTED FIRE CURB - "NO PARKING FIRE LANE" SN.24 YELLOW PAINTED CURB - "LOADING ZONE" SN.25 DRINKING FOUNTAIN AND BOTTLE FILL STATION, BY OT PER INC. 2 SN.26 DRINKING FOUNTAIN GUARDRAIL, PER

KEYNOTES

10.033 SIGNAGE: ON-SITE STOP SIGN 10.034 SIGNAGE: PARKING LOT ENTRANCE 10.035 SIGNAGE: PARKING LOT EXIT ONLY 32.004 CONCRETE (SITE): CONTROL JOINT 32.005 CONCRETE (SITE): EXPANSION JOINT

32.015 CONCRETE APRON 32.016 CONCRETE MOWSTRIP 32.031 CONCRETE SEAT WALL 32.053 PAVEMENT MARKING 32.054 PRECAST CONCRETE BUMPER

32.090 CHAIN LINK FENCE 32.091 CHAIN LINK GATE: SWING 32.092 CHAIN LINK GATE: ROLLING

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ENLARGED SITE PLANS

12/19/19

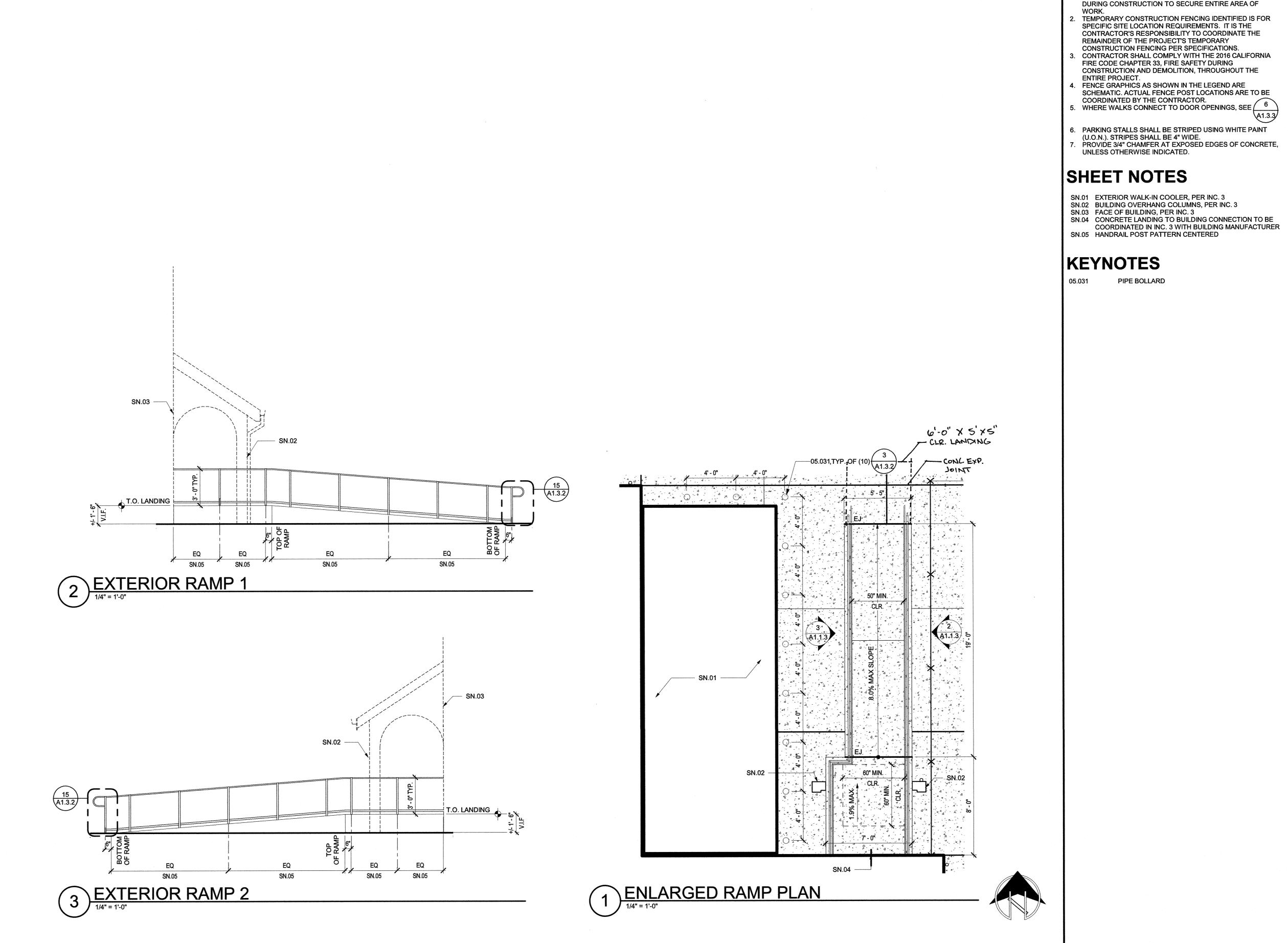
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

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Revision

A1.1.2



LEGEND

— UNIT DESIGNATION **NEW BUILDINGS**

 UNIT DESIGNATION EXISTING BUILDINGS

EXPANSION JOINT (20'-0" MAX. SPACING) CONCRETE WALK / PAVING

CONTROL JOINT (10'-0" MAX. SPACING) EXPOSED AGGREGATE CONCRETE PAVING

INTEGRAL COLORED CONCRETE PAVING COLOR (1)

INTEGRAL COLORED CONCRETE PAVING

ASPHALT CONCRETE PAVING

X CHAIN LINK FENCE

FENCE OR WALL HEIGHT TRUNCATED DOMES

FIRE HYDRANT (NTS)

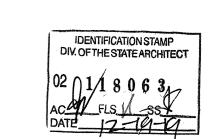
FIRE DEPARTMENT CONNECTION (NTS)

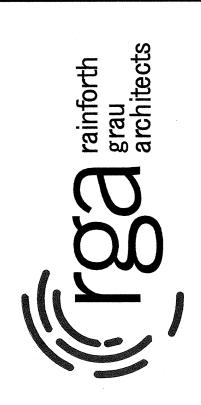
POST INDICATOR VALVE (NTS)

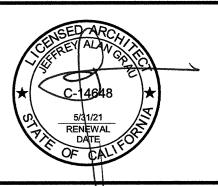
GENERAL NOTES

- I. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING DURING CONSTRUCTION TO SECURE ENTIRE AREA OF
- . TEMPORARY CONSTRUCTION FENCING IDENTIFIED IS FOR SPECIFIC SITE LOCATION REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE
- REMAINDER OF THE PROJECT'S TEMPORARY CONSTRUCTION FENCING PER SPECIFICATIONS. B. CONTRACTOR SHALL COMPLY WITH THE 2016 CALIFORNIA
- FIRE CODE CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, THROUGHOUT THE
- COORDINATED BY THE CONTRACTOR. 5. WHERE WALKS CONNECT TO DOOR OPENINGS, SEE

 A1.3.3
- (U.O.N.). STRIPES SHALL BE 4" WIDE. PROVIDE 3/4" CHAMFER AT EXPOSED EDGES OF CONCRETE, UNLESS OTHERWISE INDICATED.





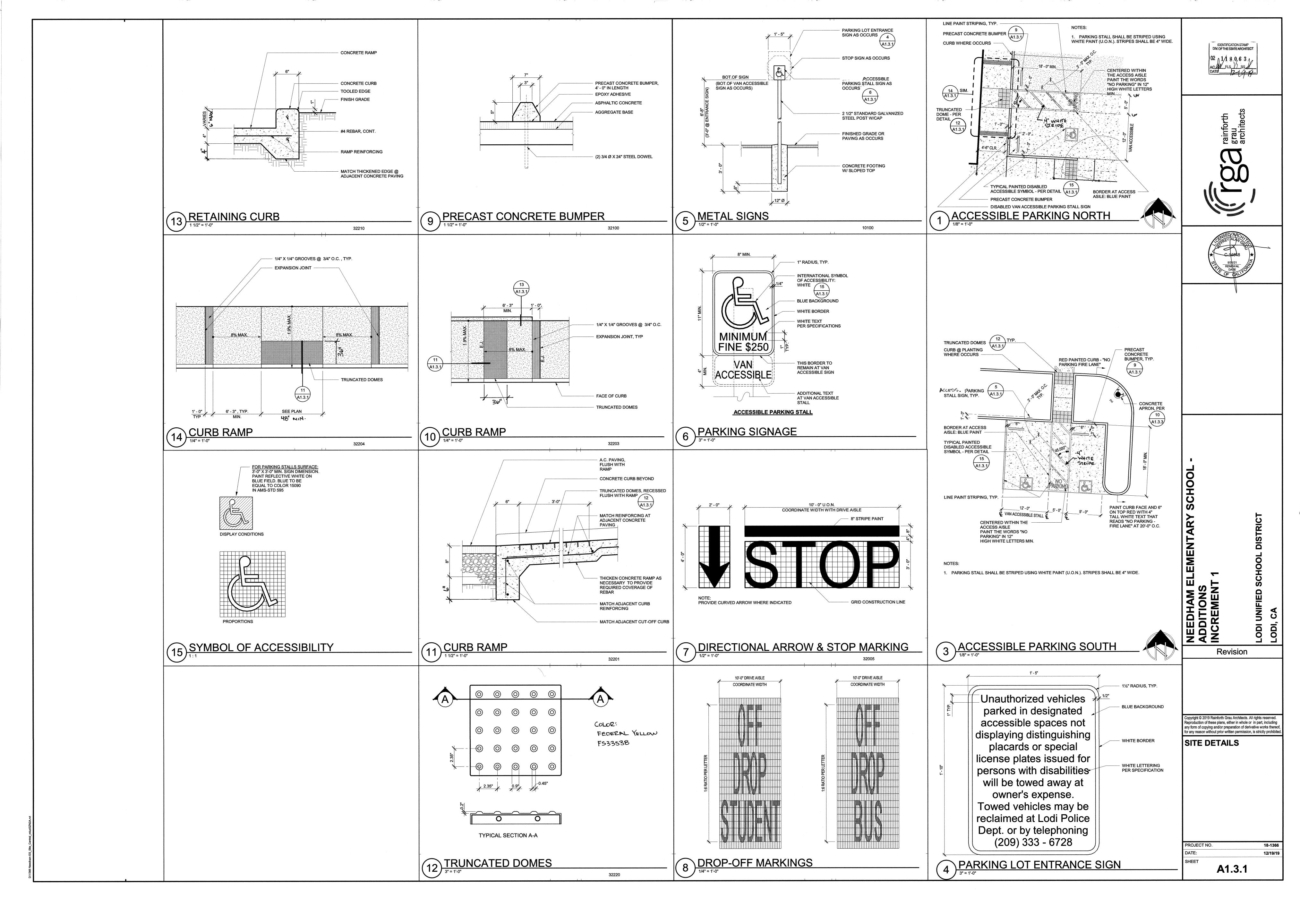


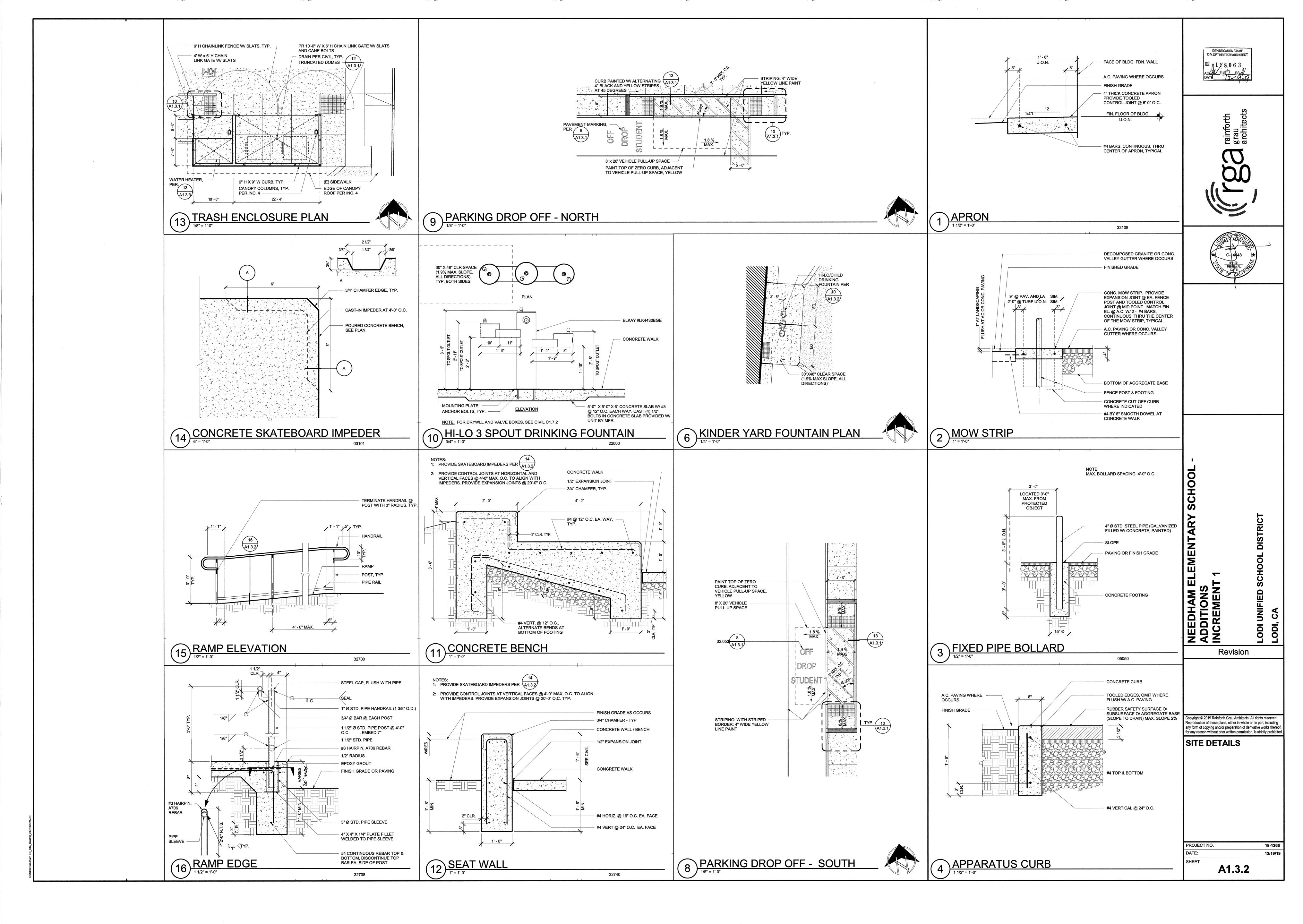
Revision

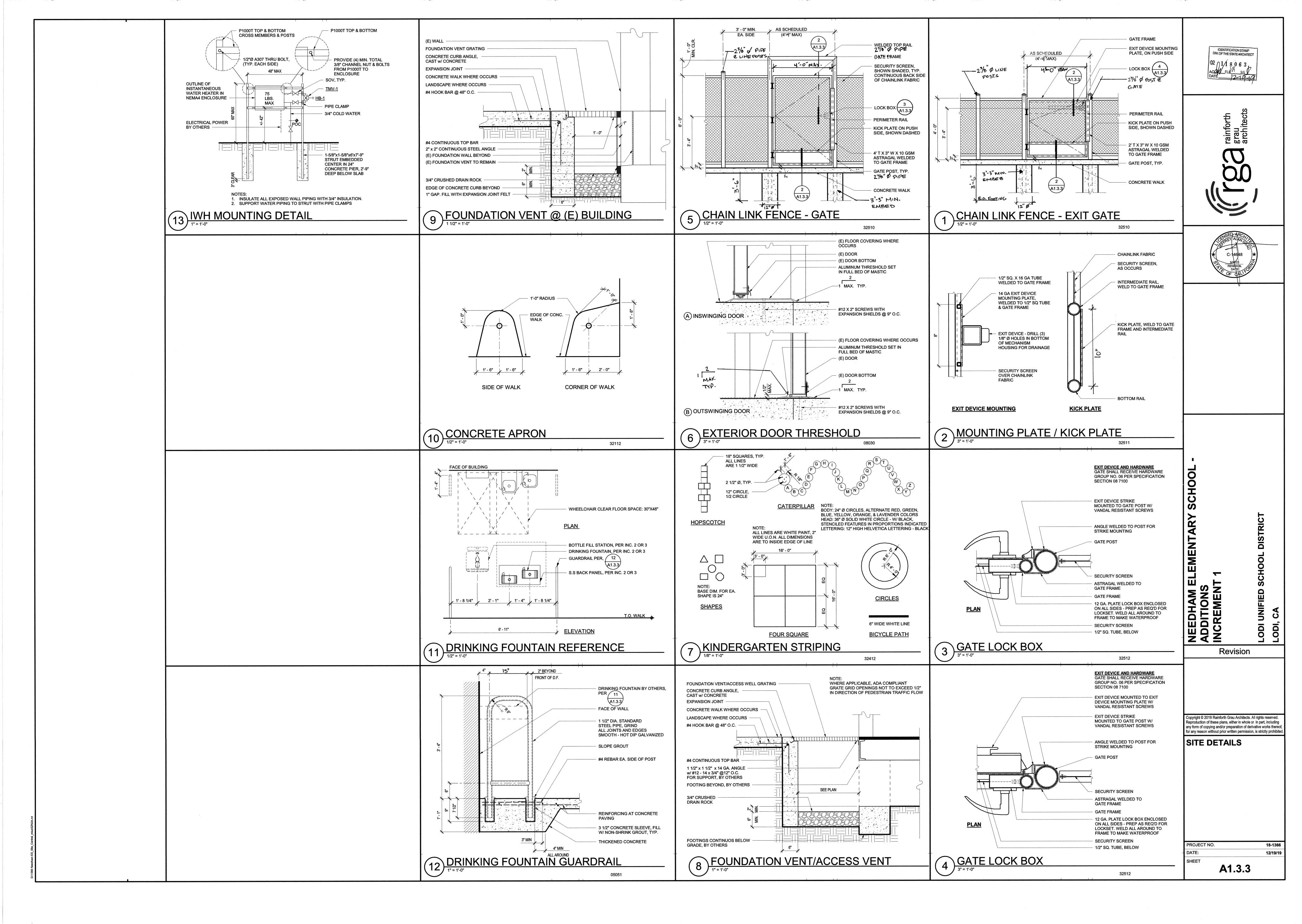
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ENLARGED RAMP PLANS AND **ELEVATIONS**

A1.1.3







GAS PIPE SIZING CALCULATIONS

GAS PIPE SIZING BASED ON THE 2016 CALIFORNIA PLUMBING CODE TABLE 1216.2(1). RUNOUTS TO APPLIANCES LESS THAN 6" SHALL BE SAME SIZE AS APPLIANCE CONNECTION. CONTRACTOR SHALL PROVIDE A SHUT-OFF VALVE AHEAD OF UNION AND WITHIN 3'-0" OF APPLIANCE CONNECTOR.

INLET GAS PRESSURE = 7" W.C.

EQUIPMENT	(E) GAS DEMAND (MBH)	GAS DEMAND REMOVED (MBH)	GAS DEMAND ADDED (MBH)	TOTAL GAS Demand (MBH)	DEVELOPED Length	BRANCH PIPE SIZE
(E) CAMPUS	1395	150		1245	(E)	(E)
NEW BUILDING B (MPR)	<u> -</u>	-	809	809	-	-
TOTAL CAMPUS GAS DEMAND	1395	150	809	2054	-	-

—— A —— COMPRESSED AIR PIPING -----S CONTINUATION LINE DIRECTION OF FLOW ARROW ———— DOMESTIC COLD WATER ---- DOMESTIC HOT WATER ---- DOMESTIC HOT WATER RETURN XXX EXISTING TO BE REMOVED

──Ø FLOOR CLEANOUT FLOOR SINK —— F —— FIRE WATER GAS, NATURAL OF PROPANE (LOW PRESSURE) © GAUGE: PRESSURE GAUGE _____ Φ GAUGE: TEMPERATURE GAUGE GRADE CLEANOUT R GAS PRESSURE REGULATOR + + + HEAT TRACE TAPE OVER PIPE ----C+ HOSE BIBB --- LPG --- LIQUIFIED PETROLEUM GAS - MPG - MEDIUM PRESSURE GAS --- OF --- OVERFLOW PIPING

PIPE BRANCH DOWN -----O PIPE ELBOW UP PITCH DOWN IN DIRECTION OF FLOW POINT OF CONNECTION PUMP - RWL - RAIN WATER LEADER PIPING

- STRAINER WITH VALVED DRAIN TRAP PRIMER ---- TP ---- TRAP PRIMER PIPING VACUUM PIPING VALVE: 2-WAY MOTORIZED CONTROL VALVE VALVE: CALIBRATED BALANCE VALVE VALVE: CHECK VALVE —IŢI—— VALVE: GAS COCK

VALVE: GAS SEISMIC VALVE → VALVE: ISOLATION VALVE VALVE: PRESSURE REDUCING VALVE **₹**I- VALVE: RELIEF VALVE VALVE: THROTTLING (BALL) VALVE
VALVE IN RISE or DROP ———— VENT PIPING

NOTE: NOT ALL SYMBOLS MAY BE USED.

PLUMBING ABBREVIATIONS

----- WASTE PIPING BELOW FLOOR ■ ■ WATER HAMMER ARRESTER

------ WASTE PIPING

ABOVE CEILING ACCESS DOOR

ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ACCESS PANEL ARCHITECT BELOW FLOOR **BELOW GRADE** CONDENSATE DRAIN CUBIC FEET OF GAS PER HOUR

CLEANOUT CONTINUATION DOMESTIC COLD WATER DRAWING EXISTING

ELECTRICAL ENTERING WATER TEMPERATURE FROM ABOVE FROM BELOW FLOOR CLEANOUT FINISHED FLOOR

FULL LOAD AMPS

FEET PER MINUTE FLOOR SINK

GRADE CLEANOUT

GALLONS PER MINUTE

GAS SEISMIC VALVE

DOMESTIC HOT WATER

INVERT ELEVATION

THOUSAND BTU PER HOUR

MEDIUM PRESSURE GAS

PRESSURE & TEMPERATURE RELIEF VALVE

DOMESTIC HOT WATER RETURN

GAS PRESSURE REGULATOR

GALVANIZED SHEET METAL

FLOOR

GAUGE

GALLONS

HOSE BIBB HEAD

HOUR

MUMIXAM

MECHANICAL

MANUFACTURER

NOT TO SCALE

ON CENTER

OVERFLOW

OVERHEAD

PLUMBING

PRESSURE DROP

RELIEF VALVE

STORM DRAIN

SQUARE FEET

TO BELOW **TEMPERATURE** TRAP PRIMER TYPICAL UNDERDRAIN UNDER FLOOR UNDERGROUND

STATIC PRESSURE SPECIFICATIONS

UNLESS OTHERWISE NOTED

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

VENT or VOLTS **VENT THROUGH ROOF** WASTE or WATTS WALL CLEANOUT

RAINWATER LEADER

POINT OF CONNECTION

PRESSURE REDUCING VALVE

POUNDS PER SQUARE INCH (GAUGE)

POUNDS PER SQUARE INCH (GAUGE)

SANITARY SEWER or STAINLESS STEEL

MECH

HORSEPOWER

1. ALL PERMANENT EQUIPMENT AND COMPONENTS. TEMPORARY OR MOVABLE

UTILITY SERVICES SUCH AS ELECTRICITY, GAS, OR WATER. AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

> CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE

FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

PLUMBING SYMBOLS

CODE REQUIREMENTS 2016 CALIFORNIA BUILDING CODE 2016 CALIFORNIA PLUMBING CODE 2016 CALIFORNIA TITLE-24

SHEET INDEX

PO.1 PLUMBING LEGEND, SCHDULES & NOTES P1.1.1 PLUMBING SITE PLAN

PLUMBING GENERAL NOTES

- ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED. CAREFULLY COORDINATE CONNECTION OF NEW WORK TO EXISTING WORK.
- COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLING PIPING AND APPURTENANCES.
- THE DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC ONLY AND ARE NOT INTENDED TO SHOW EVERY OFFSET OR FITTING. LOCATIONS OF ITEMS NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. EXACT LOCATIONS NECESSARY TO SECURE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE JOB SITE AND SHALL HAVE THE APPROVAL OF THE ARCHITECT BEFORE BEING INSTALLED.
- 4. ALL VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.

PIPE HANGER AND SUPPORT SPACING

LOCATE HANGERS AND SUPPORTS AT EACH CHANGE OF DIRECTION, WITHIN ONE FOOT OF ELBOW, AND SPACE AT OR WITHIN THE FOLLOWING MAXIMUM LIMITS. NOTE THAT SPACING LISTED ARE RECOMMENDED MAXIMUMS; INCREASING SPACING REQUIREMENTS DUE TO CBC REQUIREMENTS OR OTHER REGULATIONS IN FORCE AND APPLICABLE FOR THIS CONTRACT SHALL BE ADHERED TO.

CTEEL				
STEEL	COPPER	COPPER	CPVC	
FLUID	VAPOR	FLUID	VAPOR	Pγ
6	6	5	6	3
7	10	6	6	4
10	10	10	10	4
10	10	10	10	4
	FLUID 6 7 10	FLUID VAPOR 6 6 7 10 10 10	FLUID VAPOR FLUID 6 6 5 7 10 6 10 10 10	FLUID VAPOR FLUID VAPOR 6 6 5 6 7 10 6 6 10 10 10 10

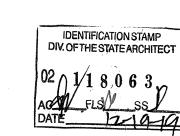
PLUMBING EQUIPMENT SCHEDULE			
SYMBOL	DESCRIPTION		
Gi 1	GREASE INTERCEPTOR "JENSEN" MODEL JP750EPE-G, 750 GALLON BATTERY GREASE INTERCEPTOR, TWO (2) 24" STANDARD MANHOLES, 4" INLET & OUTLET CONNECTIONS. PROVIDE 24" CAST IRON FRAMES AND COVERS WITH GASKETS AND TWO (2) RISERS AS NECESSARY, H-20 TRAFFIC RATED MANHOLES. DIMENSIONS: 8'-1" L x 4'-3" W x 6'-3" HT. PROVIDE COAL-TAR EPOXY EXTERIOR COATING, 15 MILLIMETER THICKNESS.		
WH 1	TANKLESS WATER HEATER "TAKAGI" OUTDOOR RATED MODEL, ULTRA LOW-NOX, GAS FIRED TANKLESS WATER HEATER, 5.5 GPM HOT WATER AT 70°F RISE, 0,4 GPM MIN FLOW, 199 MBH INPUT, 93% THERMAL EFFICIENCY, MIN 4" WC INLET GAS PRESSURE, 3/4" WATER CONNECTIONS, 3/4" GAS		

CONNECTION. INSTALL PER MFR INSTALLATION

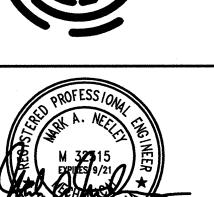
INSTRUCTIONS.

WEIGHT: 75 LBS

ELECTRICAL: 120V/19/60Hz.









NEEDH/ ADDITIC INCREM

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PLUMBING

PROJECT NO.	18-1366
DATE:	12/13/2019
P0.1	

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.24, 1616A.1.25 AND

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E ☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH THE PROJECT SPECIFIC NOTES AND DETAILS.

MP MD PP E - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #_____.

MP MD PP - OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

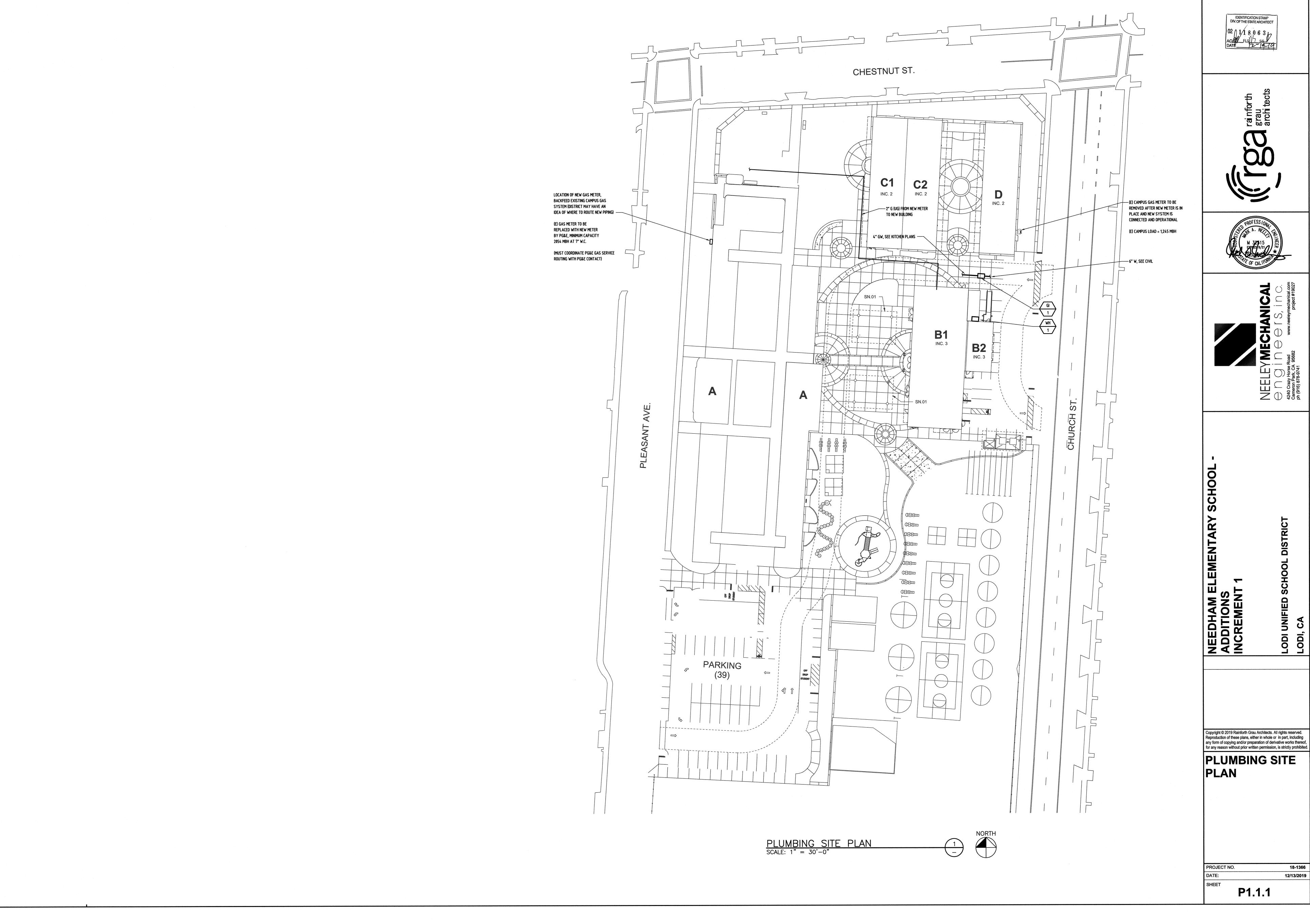
2. EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING

3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS

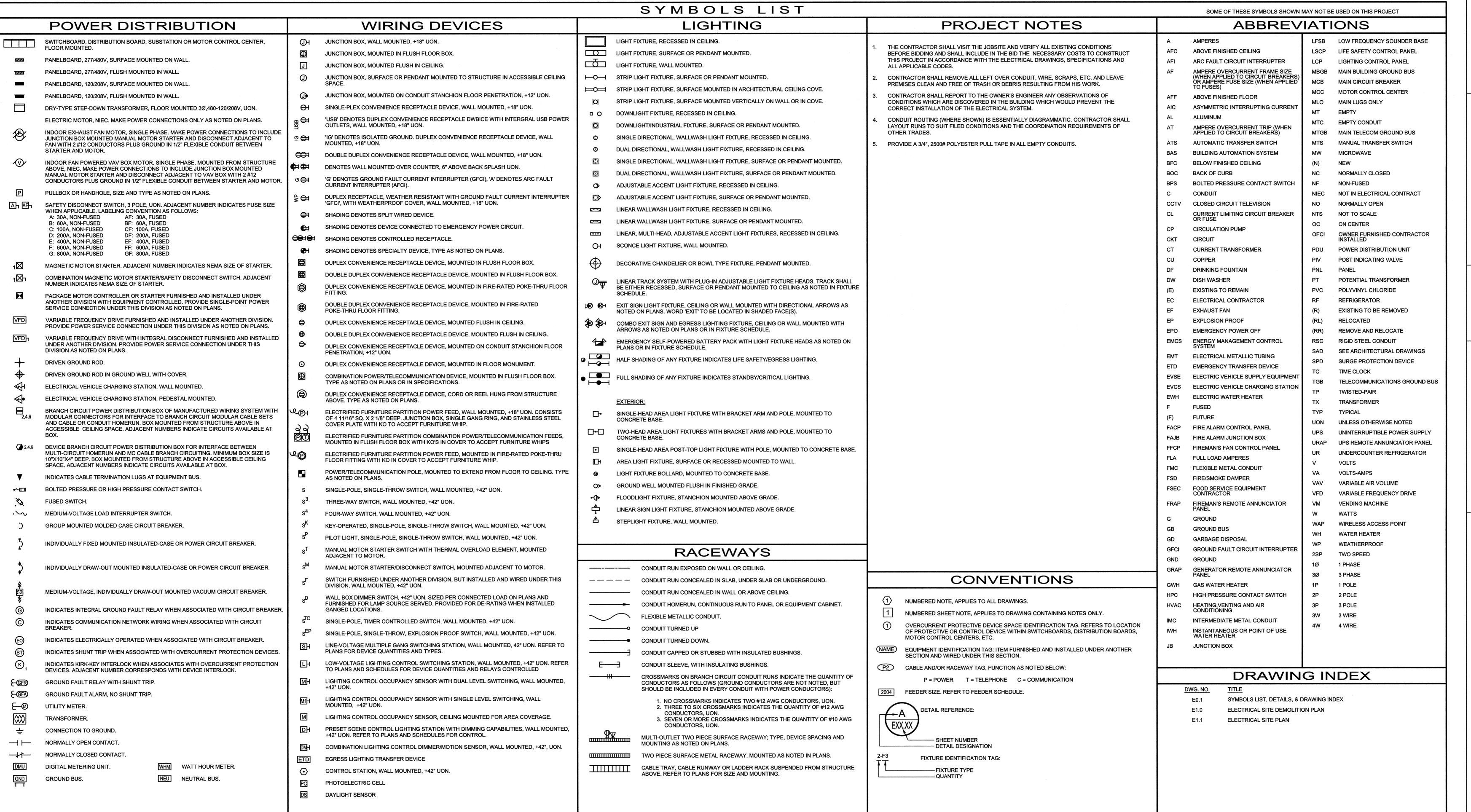
A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A

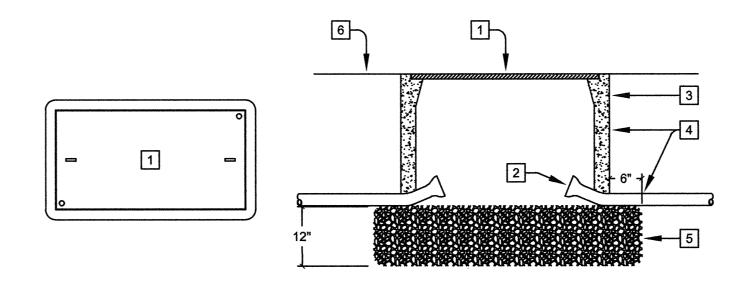
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED REPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.









1. CONCRETE COVER (TO SUIT APPLICATION) WITH HOLD DOWN BOLTS. LABEL COVER AS REQUIRED.

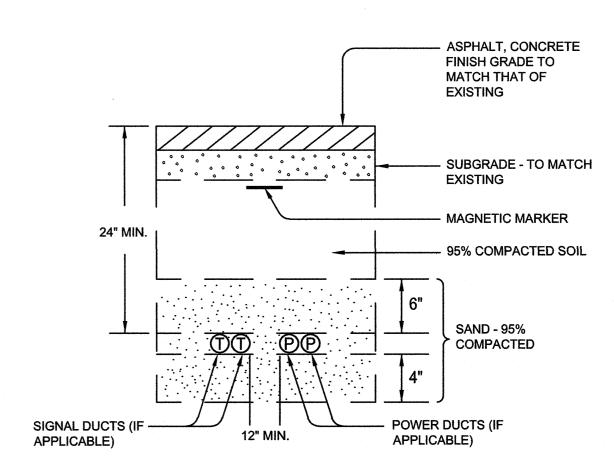
BELL ENDS TYP.

3. PRE CAST REINFORCED CONCRETE BOX, SIZE PER CEC. INSTALL FLUSH WITH GRADE

4. SEAL AROUND CONDUIT, BOX & JUNCTION OF EXTENSION(S) WITH MORTAR.

CRUSHED ROCK

6. FINISHED GRADE



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT $02/11/18/063_{12}$



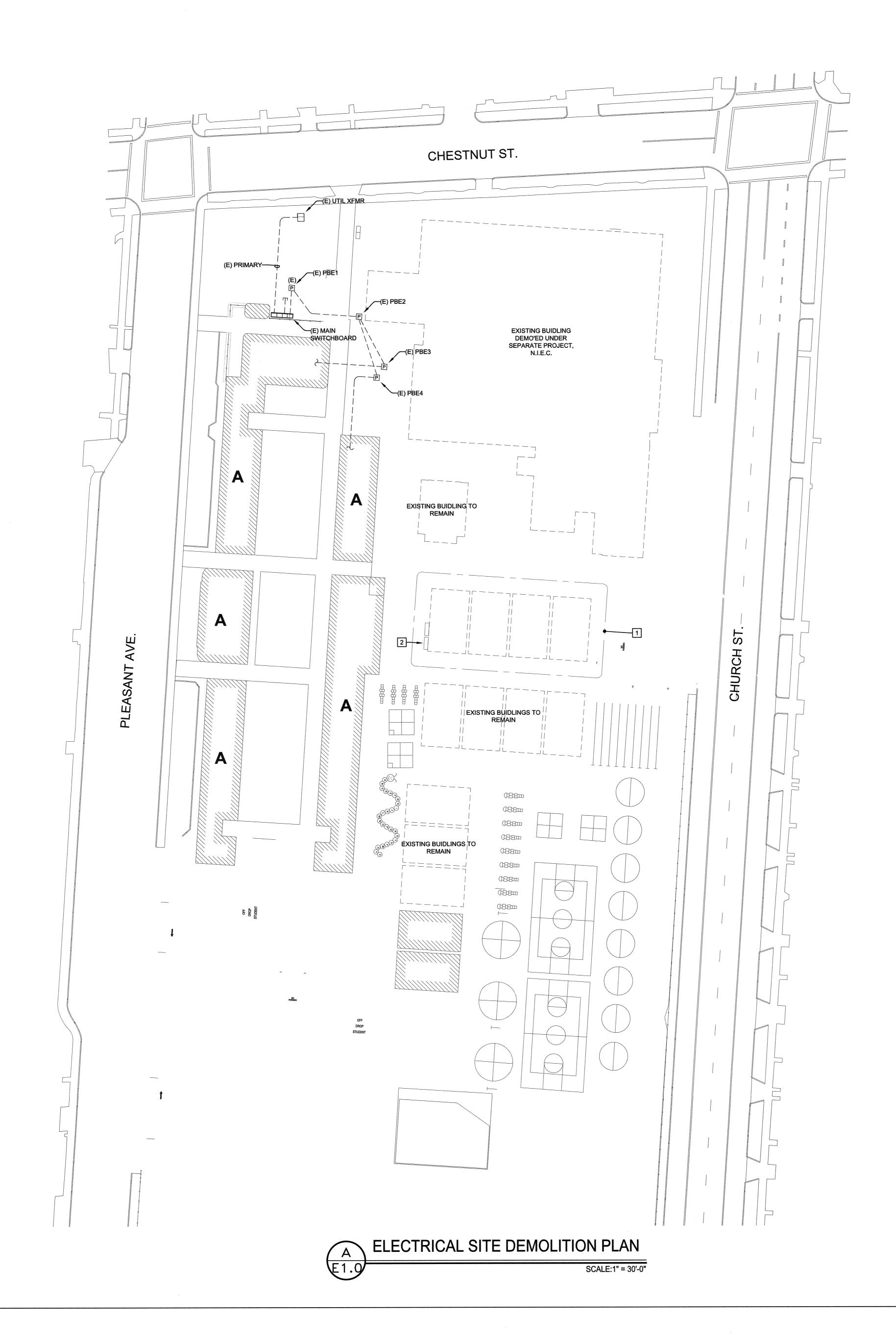


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INDEX

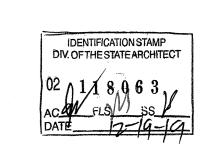
PROJECT NO. 12/13/2019 E0.1

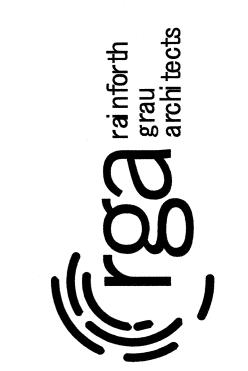
SITE PULLBOX INSTALLATION DETAIL



GENERAL SHEET NOTES

COORDINATE SCOPE OF DEMOLITION WITH OTHER TRADES, REFER TO ARCHITECTURAL AND CIVIL SITE DEMOLITION PLANS.





NUMBERED SHEET NOTES

- EXISTING PORTABLE BUILDINGS TO BE REMOVED. DISCONNECT ALL EXISTING LOW VOLTAGE CABLING AT THE POINT OF CONNECTION AND PULL BACK TO SOURCE HEAD-END EQUIPMENT. AT OWNER'S DISCRETION, RETURN ANY EQUIPMENT OR DEVICES TO THE DISTRICT, INCLUDING IDF CABINET & EQUIPMENT, ACCESS POINTS, FIRE ALARM AND INTRUSION SYSTEM DEVICES, AV EQUIPMENT, ETC. ANY UNWANTED EQUIPMENT AND DEVICES SHALL BE DISCARDED WITH THE PORTABLE BUILDINGS. DISCONNECT POWER FEEDERS FROM BUILDING LOAD CENTERS / PANEL AND REMOVE FEEDERS BACK TO SWITCHBOARDS, REFER TO FOLLOWING NOTE.
- EXISTING POWER DISTRIBUTION EQUIPMENT TO REMAIN AS CONNECTED TO MAINTAIN SERVICE TO EXISTING PORTABLE BUILDINGS THROUGHOUT FUTURE INCREMENTS OF WORK. DISCONNECT AND REMOVE FEEDERS TO DEMO'ED BUILDINGS, LABEL EXISTING BREAKERS AS

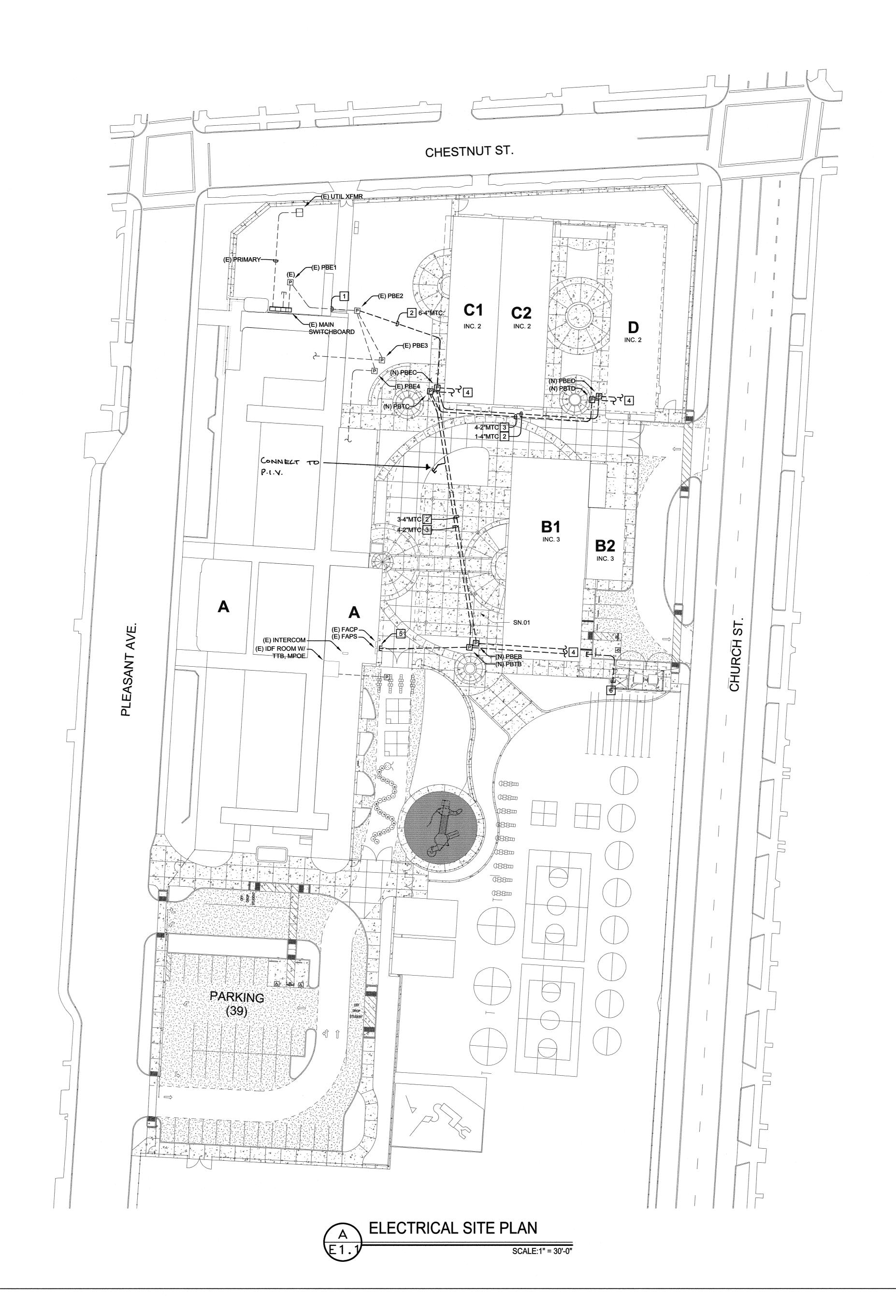
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ELECTRICAL SITE DEMOLITION PLAN

12/13/2019

E1.0

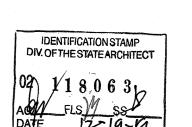


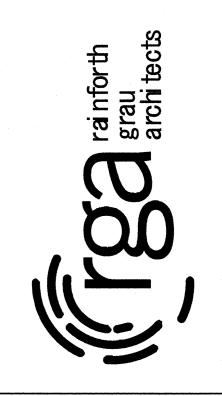
GENERAL SHEET NOTES

- HANDHOLE LOCATIONS ARE DIAGRAMMATIC AND NOT DIMENSIONED. LOCATE NEW HANDHOLES IN CLOSEST LANDSCAPED AREA WHEREVER POSSIBLE, COORDINATE WITH LANDSCAPE ARCHITECT. PROVIDE WITH STEEL TRAFFIC RATED LID IN ANY AREA SUBJECT TO VEHICULAR TRAFFIC. REFER B B/E0.1 FOR TYPICAL PULLBOX INSTALLATION.
- HANDHOLES FOR POWER DISTRIBUTION SHALL BE TYPE N36 MIN., LID SHALL BE ENGRAVED "POWER", UON. REFER TO POWER ONE-LINE DIAGRAM FOR FEEDER REQUIREMENTS.
- HANDHOLES FOR SIGNAL SYSTEMS DUCT BANK SHALL BE MIN. N48. LID SHALL BE ENGRAVED "SIGNAL".
- HANDHOLES DEDICATED TO FIRE ALARM SHALL BE N16. LID SHALL BE ENGRAVED "FIRE ALARM". PROVIDE 1.25" C. MIN. U.O.N. WHERE ROUTED WITH THE CAMPUS LOW VOLTAGE DUCT BANK, FIRE ALARM MAY UTILIZE THE SIGNAL HANDHOLES/PULLBOXES.
- E. REFER TO A/E0.1 FOR TYPICAL JOINT TRENCH INSTALLATION.
- EXISTING LOW VOLTAGE FACILITIES AND EQUIPMENT SHOWN FOR REFERENCE ONLY, NOT IN

NUMBERED SHEET NOTES

- 1. EXISTING 7-4" MTC.
- 2. PROVIDE MTC. FOR FUTURE POWER FEEDERS.
- 3. PROVIDE MTC. FOR FUTURE LOW VOLTAGE CABLE DISTRIBUTION.
- FEEDERS EXTENDED TO BUILDING ELECTRICAL/IDF ROOM SHOWN FOR COORDINATION PURPOSES ONLY.
- STUB UP AT BUILDING AND CAP, FOR FUTURE EXTENSION INTO BUILDING FOR CONNECTION TO LOW VOLTAGE HEAD-END EQUIPMENT, I.E. TELECOMMUNICATIONS, CLOCK/INTERCOM, FIRE ALARM, ETC.
- STUB UP 1.25"C. FOR FUTURE POWER CONNECTION TO INSTANTANEOUS WATER HEATER. COORDINATION EXACT LOCATION OF CONDUIT STUB-UP IN THE FIELD, CAP CONDUIT AT PENETRATION AT SLAB. EXTEND TOWARD PAD FOR FUTURE BUILDING B FOR FUTURE EXTENSION INTO ELECTRICAL ROOM AND MARK LOCATION.









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ELECTRICAL SITE

PROJECT NO.

E1.1

18-1366 12/13/2019