

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

- TO THE BEST OF THE KNOWLEDGE OF THE ENGINEER, OR THE DISTRICT, THE PATH OF TRAVEL (P.O.T.) AS INDICATED, IS A BARRIER FREE ACCESS ROUTE CONFORMING TO THE FOLLOWING:
- THERE ARE NO ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1V:2H MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. (11B-403.5.1)
 - THE MINIMUM WIDTH OF THE P.O.T. IS 48" AT ANY GIVEN POINT. (11B-403.2)
 - THE SURFACE OF THE P.O.T. STABLE, FIRM, AND SUP RESISTANT. (11B-403.2)
 - THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5.0% (11B-403.3), UNLESS OTHERWISE INDICATED, WITH THE FOLLOWING EXCEPTIONS:
 - THE SLOPED PORTION OF "RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-405.2).
 - THE SLOPED PORTION OF A "CURB RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-406.2.1 AND 11B-406.3.1).
 - THE CROSS SLOPE OF THE ACCESSIBLE PATH OF TRAVEL DOES NOT EXCEED 2% AT ANY GIVEN POINT (11B-403.3).
 - THE ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307).
 - THERE ARE NO PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
 - PASSING SPACES AT LEAST 60"x80" ARE LOCATED NOT MORE THAN 200' APART. (11B-403.5.3)
 - PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. (11B-407.3)
 - THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING. (11B-303.5)
 - ENGINEER AND CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
 - THERE ARE NO GRATINGS WITHIN THE PATH OF TRAVEL WITH GRATE OPENINGS EXCEEDING 1/2" IN THE DIRECTION OF TRAVEL. (11B-302.3)

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

LEGEND

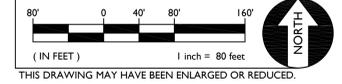
- EXISTING BUILDING NOT MODERNIZED BY THIS APPLICATION.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.)
- LIMIT/END OF PATH OF TRAVEL THIS PROJECT.
- CONTINUATION OF PATH OF TRAVEL INTO ACCESSIBLE AREA.
- PROPOSED CONCRETE WALKWAY
- PROPOSED AC PAVING
- LIMIT OF WORK, THIS PROJECT

BUILDING DATA

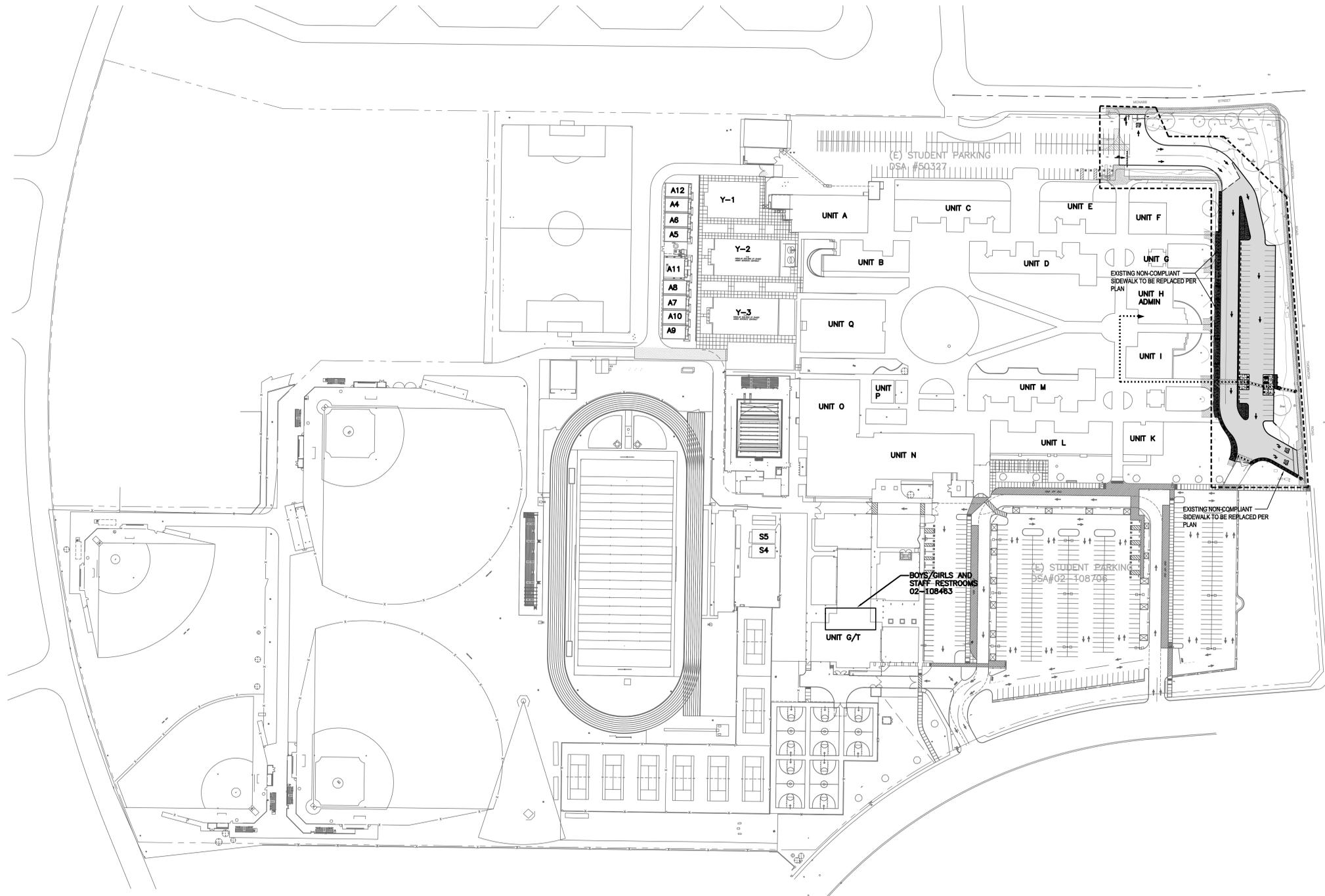
DESIGNATION	NAME	DSA NUMBER
UNIT A	(E) INDUSTRIAL ARTS BUILDING	50327
UNIT B	(E) BUSSINESS BUILDING	50327
UNIT C	(E) MATHEMATICS BUILDING	50327
UNIT D	(E) SOCIAL SCIENCES BUILDING	50327
UNIT E	(E) HOME ECONOMICS BUILDING	50327
UNIT F	(E) SPECIAL EDUCATION BUILDING	50327
UNIT G	(E) TOILET	50327
UNIT H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

DSA PR-1501
"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
 THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
 DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



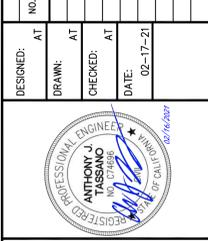
A.P.N. _____
 BENCHMARK NO. 280 ELEV. 14.73
 SAN JOAQUIN COUNTY, DIST. AND WASHER MARKING CDS MONUMENT "99-6" ON CENTERLINE OF THORNTON RD APPROX. 2775 FT S/O EIGHT MILE RD.

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

AGENCY APPROVAL: _____
 DATE: _____

REVISIONS: _____
 NO. DESCRIPTION

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



TITLE: **OVERALL SITE PLAN**
 PROJECT: **"OUT TO BID" JANUARY 26, 2022 BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD**
 LOCATION: **SAN JOAQUIN COUNTY, CALIFORNIA**
 DISTRICT: **STOCKTON**
 DISTRICT: **LODI UNIFIED SCHOOL DISTRICT.**

SHEET NO. **C1.0**

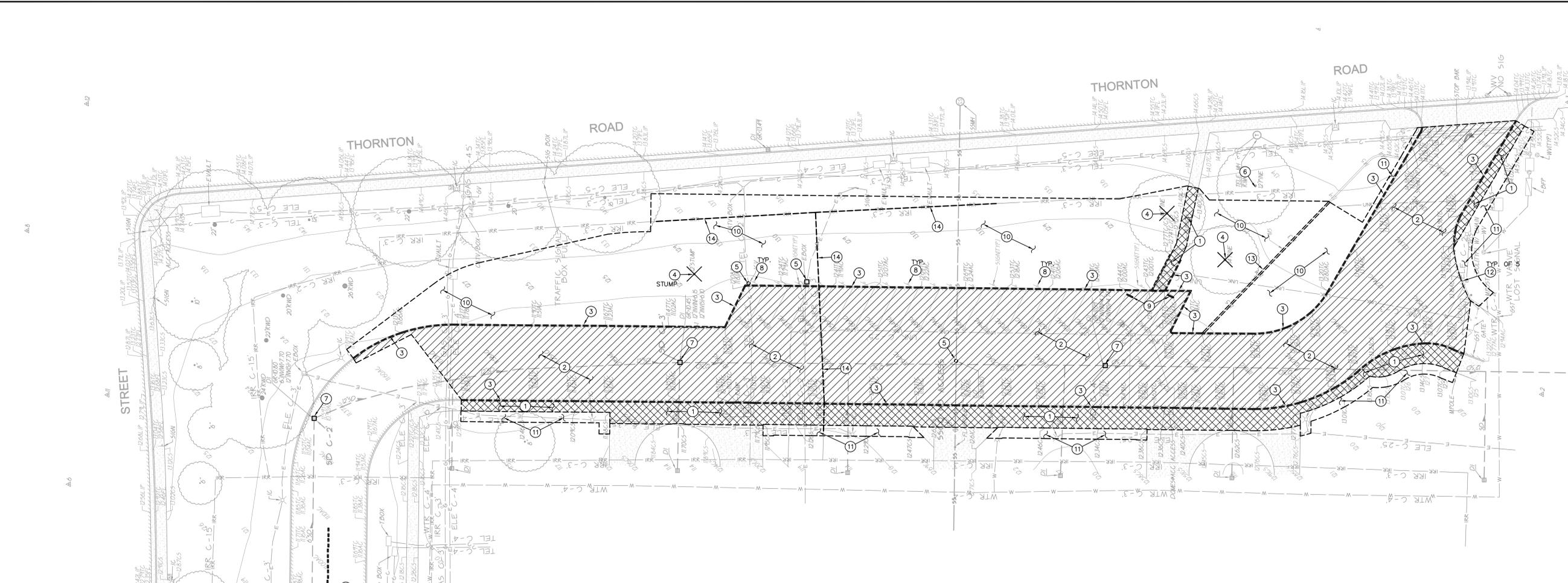
DESIGNED:	AT	NO.	REVISIONS:	DATE	AGENCY APPROVAL:	DATE
DRAWN:	AT		DESCRIPTION		BY	
CHECKED:	AT					
DATE:	02-17-21					



DEMOLITION PLAN
 "OUT TO BID" JANUARY 26, 2022
 BEAR CREEK HIGH SCHOOL PAVING PROJECT
 AT
 10555 THORNTON ROAD
 SAN JOAQUIN COUNTY, CALIFORNIA
 STOCKTON
 LODI UNIFIED SCHOOL DISTRICT.

TITLE: DEMOLITION PLAN
 PROJECT: BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD
 SHEET NO. C1.1

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



DEMOLITION GENERAL NOTES

- A. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- B. NO BURNING OR BLASTING SHALL BE PERMITTED.
- C. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- D. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- E. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- F. 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.
- G. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED WITH NEW BOX AND COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- H. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- I. CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFG, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- J. CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- K. ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.
- L. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS. HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
- M. CONTRACTOR SHALL AVOID DAMAGE TO EXISTING PLANTING AND IRRIGATION ALONG EDGES OF DEMOLITION AND NEW PAVEMENT. CONTRACTOR SHALL REPAIR ANY DAMAGE, TO INCLUDE NEW IRRIGATION LINES, NEW HEADS, NEW BARK/MULCH AND NEW SOD TURF WHERE NECESSARY.

UTILITY VERIFICATION NOTE

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

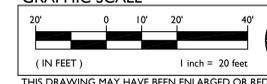
IRRIGATION DEMOLITION NOTE

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

DEMOLITION NOTES

- 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 CONCRETE CURB TO EXTENT SHOWN.
- 4. REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
- 5. REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
- 6. EXISTING TREE TO REMAIN.
- 7. ADJUST EXISTING DROP INLET TO FINISH GRADE AS SHOWN ON SHEET C2.1.
- 8. REMOVE AND DISPOSE OF EXISTING SIGN, POST AND ASSOCIATED FOOTING.
- 9. REMOVE AND DISPOSE OF EXISTING PARKING BUMPERS.
- 10. REMOVE AND DISPOSE OF EXISTING TURF/LANDSCAPING AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN LIMITS SHOWN. MARK ALL CAPPED LINES WITH AN IRRIGATION VALVE BOX PER LANDSCAPE DETAILS. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED.
- 11. TURF/IRRIGATION DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND AND WITH AN APPROVED SEED MIX.
- 12. REMOVE AND DISPOSE OF EXISTING BOLLARD AND ASSOCIATED FOOTING.
- 13. REMOVE AND DISPOSE OF EXISTING MOWSTRIP TO EXTENT SHOWN.
- 14. REMOVE AND DISPOSE OF EXISTING IRRIGATION PIPE WITHIN LIMITS SHOWN.

GRAPHIC SCALE

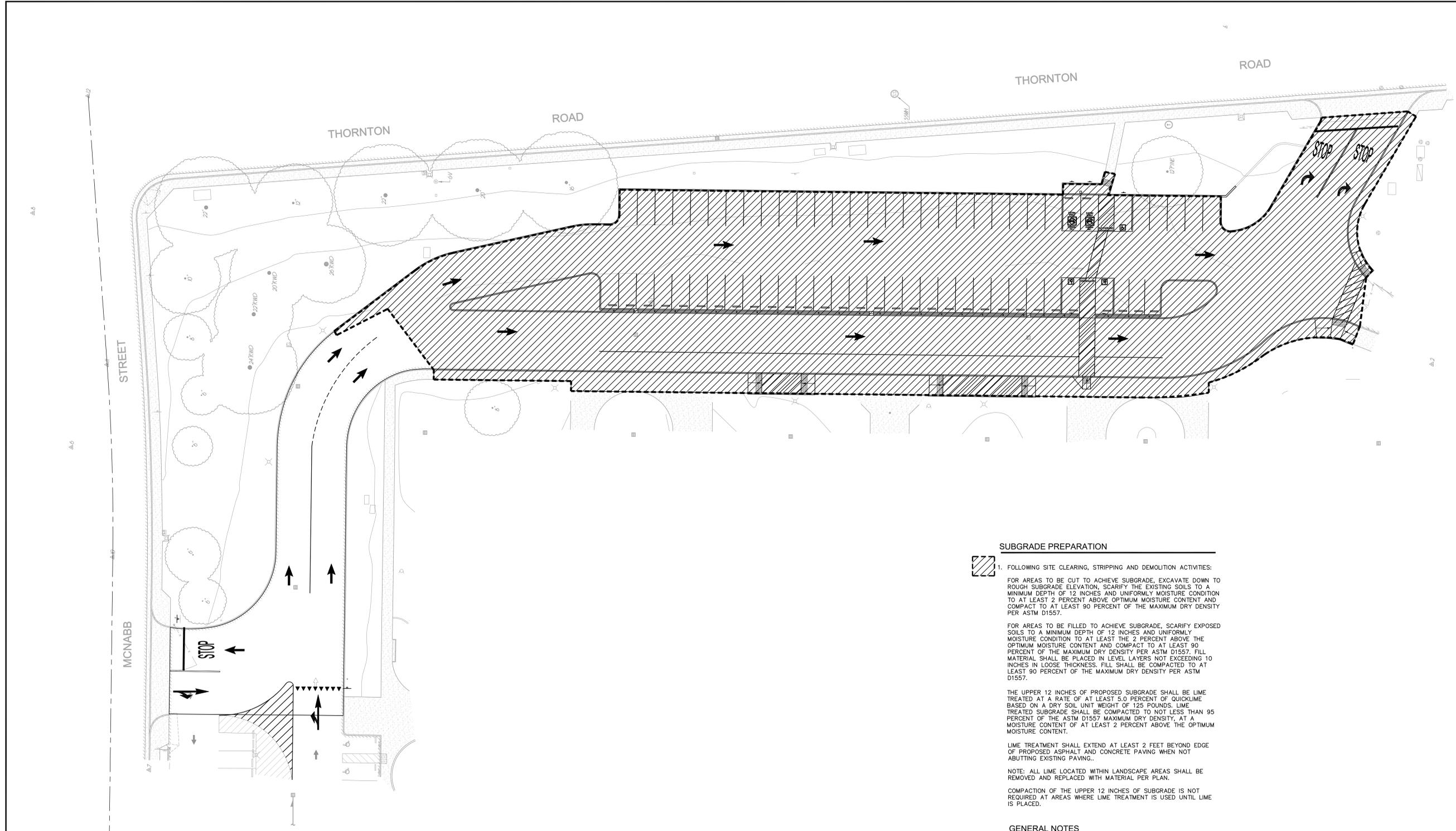


NO.	DESCRIPTION	DATE	BY
DESIGNED:	AT		
DRAWN:	AT		
CHECKED:	AT		
DATE:	02-17-21		



TITLE: ENGINEERED FILL PLAN
 PROJECT: "OUT TO BID" JANUARY 26, 2022
 BEAR CREEK HIGH SCHOOL PAVING PROJECT
 AT
 10555 THORNTON ROAD
 STOCKTON, CALIFORNIA
 Lodi Unified School District, San Joaquin County, California

SHEET NO. C1.2



SUBGRADE PREPARATION

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

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

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

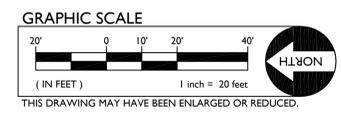
LIME TREATMENT SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING.

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

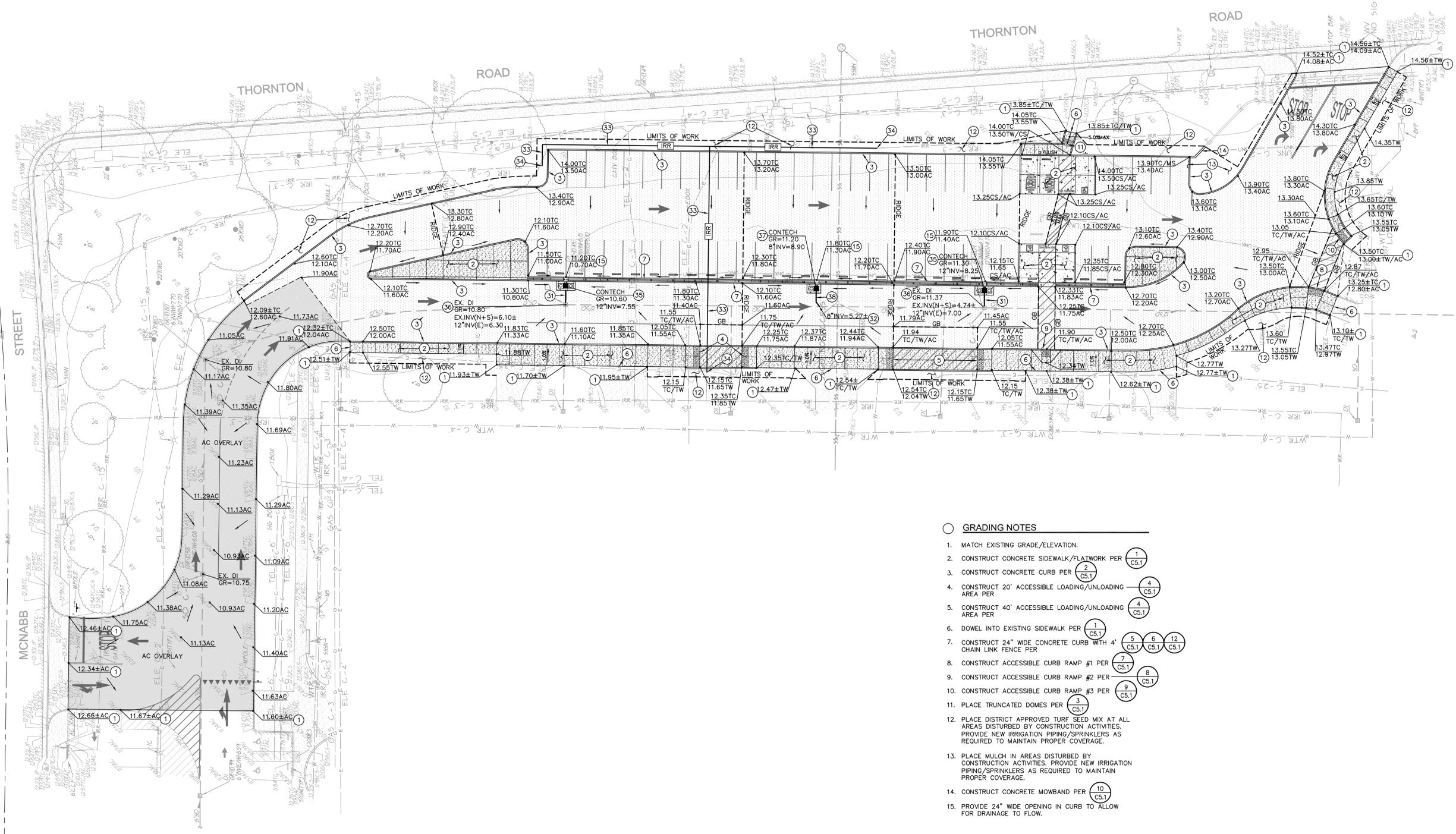
COMPACTION OF THE UPPER 12 INCHES OF SUBGRADE IS NOT REQUIRED AT AREAS WHERE LIME TREATMENT IS USED UNTIL LIME IS PLACED.

GENERAL NOTES

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



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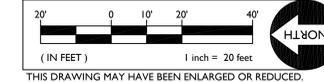
GRADING NOTES

1. MATCH EXISTING GRADE/ELEVATION.
2. CONSTRUCT CONCRETE SIDEWALK/FLATWORK PER (1) (C5.1)
3. CONSTRUCT CONCRETE CURB PER (2) (C5.1)
4. CONSTRUCT 20' ACCESSIBLE LOADING/UNLOADING AREA PER (4) (C5.1)
5. CONSTRUCT 40' ACCESSIBLE LOADING/UNLOADING AREA PER (4) (C5.1)
6. DOWEL INTO EXISTING SIDEWALK PER (1) (C5.1)
7. CONSTRUCT 24" WIDE CONCRETE CURB WITH 4' CHAIN LINK FENCE PER (5) (C5.1), (6) (C5.1), (12) (C5.1)
8. CONSTRUCT ACCESSIBLE CURB RAMP #1 PER (7) (C5.1)
9. CONSTRUCT ACCESSIBLE CURB RAMP #2 PER (8) (C5.1)
10. CONSTRUCT ACCESSIBLE CURB RAMP #3 PER (9) (C5.1)
11. PLACE TRUNCATED DOMES PER (3) (C5.1)
12. PLACE DISTRICT APPROVED TURF SEED MIX AT ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. PROVIDE NEW IRRIGATION PIPING/SPRINKLERS AS REQUIRED TO MAINTAIN PROPER COVERAGE.
13. PLACE MULCH IN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. PROVIDE NEW IRRIGATION PIPING/SPRINKLERS AS REQUIRED TO MAINTAIN PROPER COVERAGE.
14. CONSTRUCT CONCRETE MOWBAND PER (10) (C5.1)
15. PROVIDE 24" WIDE OPENING IN CURB TO ALLOW FOR DRAINAGE TO FLOW.

UTILITY NOTES

31. PLACE 12" STORM DRAIN PER (11) (C5.1)
32. CONNECT PROPOSED INLET TO EXISTING STORM DRAIN PIPING. PROVIDE ALL FITTINGS NECESSARY TO MAKE TIE-INS.
33. PLACE IRRIGATION PIPE, SIZE TO MATCH EXISTING LINE SIZE BEING REMOVED. (13) (C5.1)
34. CONNECT TO EXISTING IRRIGATION PIPE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
35. PLACE 2-CARTRIDGE (27" FILTERS) CONTECH STORMFILTER WITH ADA COMPLIANT GRATE PER (1) (C5.2)
36. ADJUST EXISTING INLET TO FINISH GRADE SHOWN. REMORTAR AS NECESSARY. CONNECT PROPOSED STORM DRAIN PIPE TO EXISTING INLET.
37. PLACE 1-CARTRIDGE (18" FILTER) CONTECH STORMFILTER WITH ADA COMPLIANT GRATE PER (2) (C5.2)
38. PLACE 8" STORM DRAIN PER (11) (C5.1)

GRAPHIC SCALE



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

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

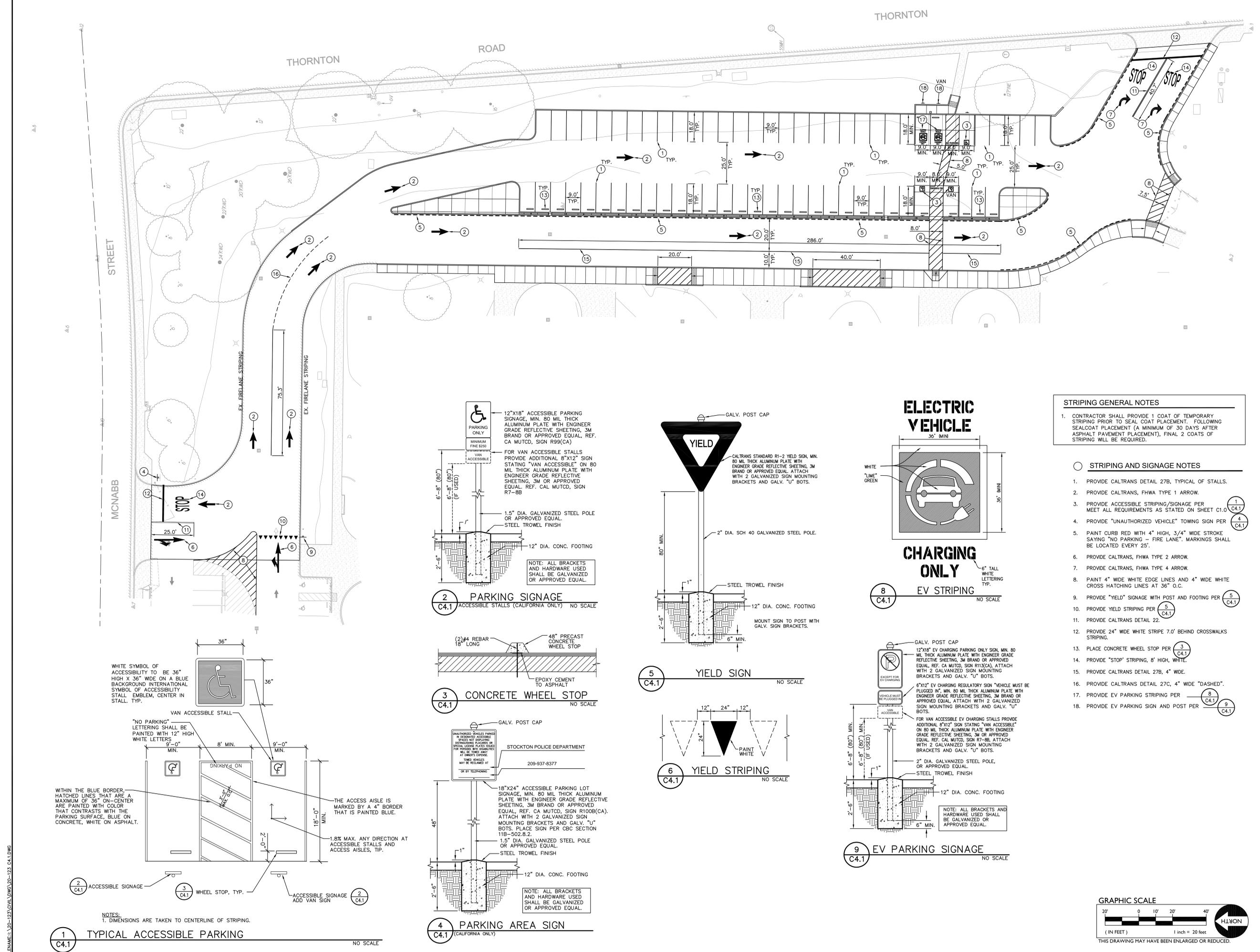
HORIZONTAL SCALE:
AS NOTED
VERTICAL SCALE:
AS NOTED
JOB NO.: 20-123

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



GRADING AND UTILITY PLAN
"OUT TO BID" JANUARY 26, 2022
BEAR CREEK HIGH SCHOOL PAVING PROJECT
AT
10555 THORNTON ROAD
STOCKTON, CALIFORNIA
LODI UNIFIED SCHOOL DISTRICT.

TITLE: SHEET NO.
C2.1

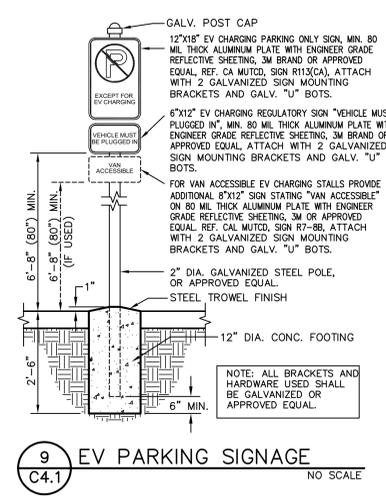
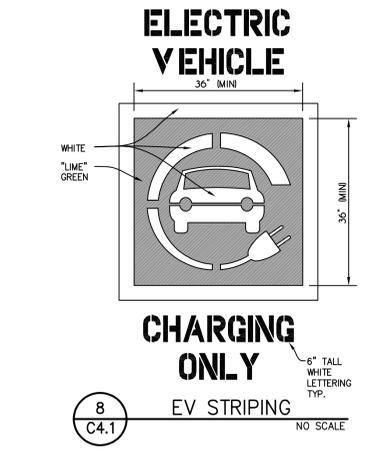
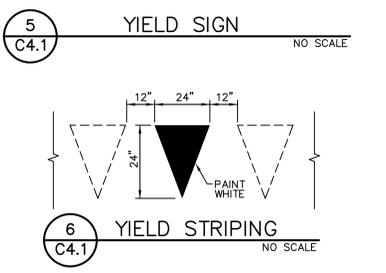
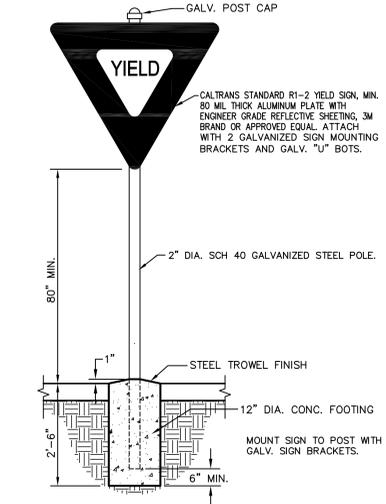
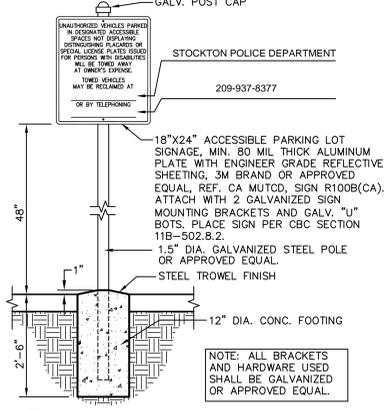
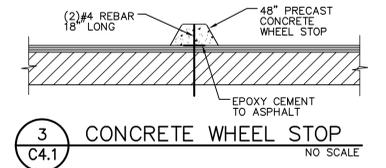
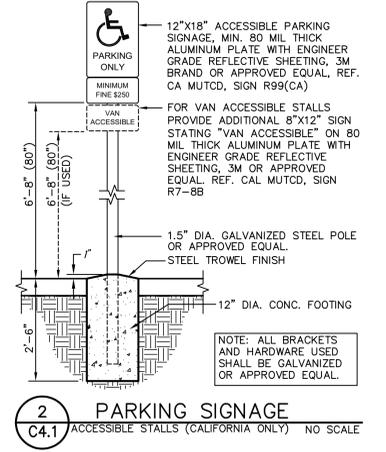
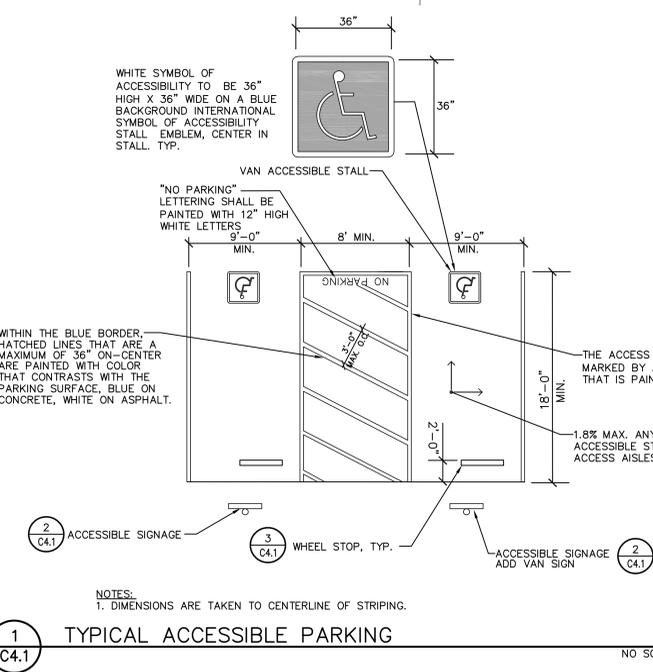
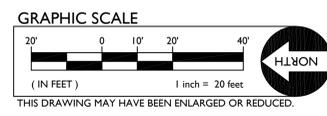


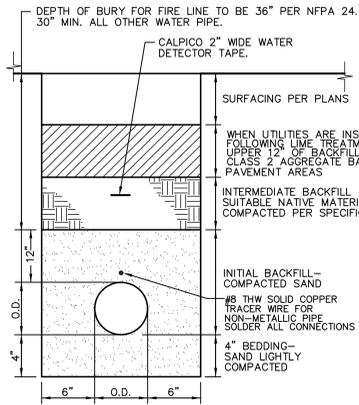
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-118898 INC. REVIEWED FOR: <input type="checkbox"/> FLS <input type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 02/24/2021	
A.P.N. BENCHMARK NO. 280 ELEV. 14.73 SAN JOAQUIN COUNTY BOLT AND WASHER MARKING MONUMENT "9N-6" ON CENTERLINE OF THORNTON RD APPROX. 2775 FT S/O EIGHT MILE RD.	HORIZONTAL SCALE: AS NOTED VERTICAL SCALE: AS NOTED JOB NO.: 20-123
REVISIONS: NO. DESCRIPTION DATE BY	DESIGNED: AT DRAWN: AT CHECKED: AT DATE: 02-17-21
STRIPING AND SIGNAGE PLAN "OUT TO BID" JANUARY 26, 2022 BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD THORNTON, CALIFORNIA LODI UNIFIED SCHOOL DISTRICT. STOCKTON, CALIFORNIA	
C4.1 SHEET NO.	

STRIPING GENERAL NOTES

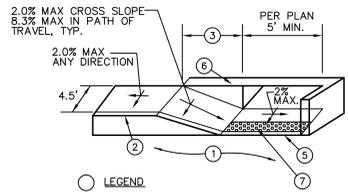
- CONTRACTOR SHALL PROVIDE 1 COAT OF TEMPORARY STRIPING PRIOR TO SEAL COAT PLACEMENT. FOLLOWING SEALCOAT PLACEMENT (A MINIMUM OF 30 DAYS AFTER ASPHALT PAVEMENT PLACEMENT), FINAL 2 COATS OF STRIPING WILL BE REQUIRED.

- STRIPING AND SIGNAGE NOTES**
- PROVIDE CALTRANS DETAIL 27B, TYPICAL OF STALLS.
 - PROVIDE CALTRANS, FHWA TYPE 1 ARROW.
 - PROVIDE ACCESSIBLE STRIPING/SIGNAGE PER MEET ALL REQUIREMENTS AS STATED ON SHEET C1.0
 - PROVIDE "UNAUTHORIZED VEHICLE" TOWING SIGN PER
 - PAINT CURB RED WITH 4" HIGH, 3/4" WIDE STROKE SAYING "NO PARKING - FIRE LANE". MARKINGS SHALL BE LOCATED EVERY 25'.
 - PROVIDE CALTRANS, FHWA TYPE 2 ARROW.
 - PROVIDE CALTRANS, FHWA TYPE 4 ARROW.
 - PAINT 4" WIDE WHITE EDGE LINES AND 4" WIDE WHITE CROSS HATCHING LINES AT 36" O.C.
 - PROVIDE "YIELD" SIGNAGE WITH POST AND FOOTING PER
 - PROVIDE YIELD STRIPING PER
 - PROVIDE CALTRANS DETAIL 22.
 - PROVIDE 24" WIDE WHITE STRIPE 7.0' BEHIND CROSSWALKS STRIPING.
 - PLACE CONCRETE WHEEL STOP PER
 - PROVIDE "STOP" STRIPING, 8" HIGH, WHITE.
 - PROVIDE CALTRANS DETAIL 27B, 4" WIDE.
 - PROVIDE CALTRANS DETAIL 27C, 4" WIDE "DASHED".
 - PROVIDE EV PARKING STRIPING PER
 - PROVIDE EV PARKING SIGN AND POST PER

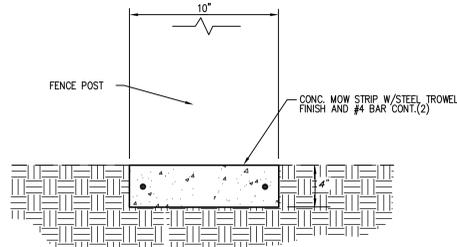




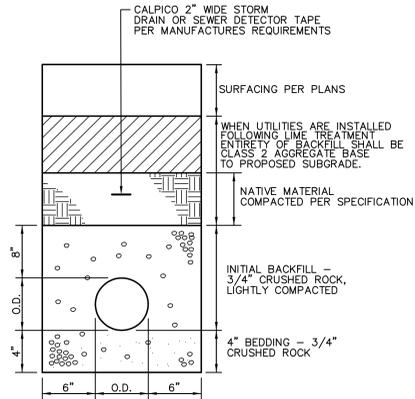
13
C5.1 **WATER TRENCH**
NO SCALE



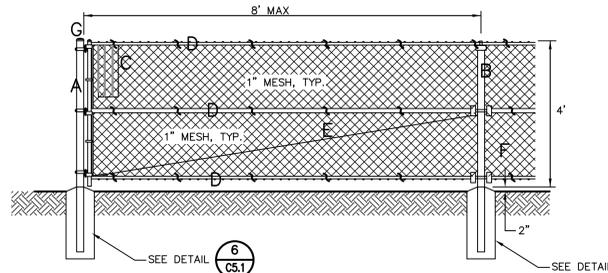
- 9**
C5.1 **ACCESSIBLE CURB RAMP #3**
NO SCALE
- LEGEND**
- PAVEMENT.
 - TOP FACE OF CURB, STANDARD 6" HIGH.
 - 8.3% (1:12) MAXIMUM SLOPE, 2.0% MAX CROSS SLOPE.
 - SCORE MARK, 6" BACK OF CURB.
 - TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-903.
 - 6" WIDE RETAINING CURB, HEIGHT TO BE DETERMINED BY PROJECTED BACK OF WALK GRADE AT EACH END OF CURB RETURN AND BACK OF LANDING SURFACE.
 - PLACE 36" WIDE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE BY ARMOR-TILE OR APPROVED EQUAL. DETECTABLE WARNINGS AT CURB RAMP SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN LESS 2 INCHES MAXIMUM ON EACH SIDE, EXCLUDING ANY FLARED SIDES. DETECTABLE WARNINGS SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE LINE AT THE FACE OF THE CURB MARKING THE TRANSITION BETWEEN THE CURB AND THE GUTTER OR STREET.



10
C5.1 **MOW STRIP DETAIL**
NO SCALE

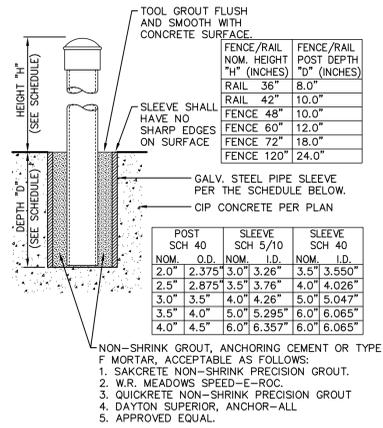


11
C5.1 **SEWER AND STORM DRAIN TRENCH**
NO SCALE

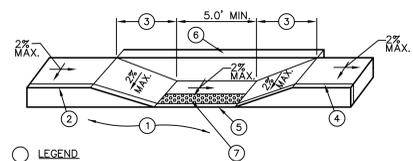


12
C5.1 **4FT CHAIN LINK FENCE**
NO SCALE

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

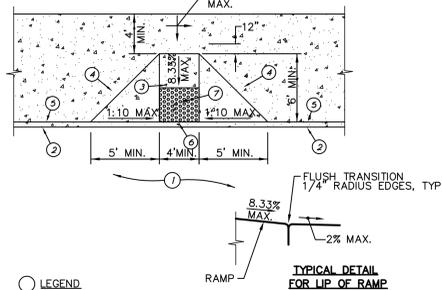


6
C5.1 **POST SLEEVE DETAIL**
NO SCALE



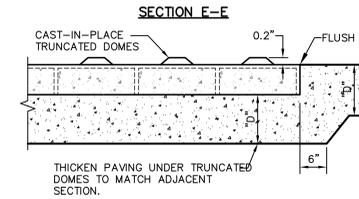
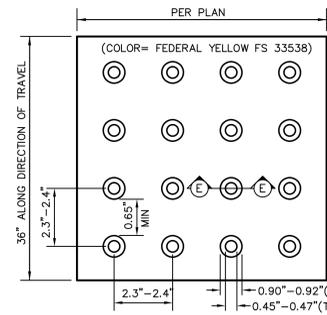
- 7**
C5.1 **ACCESSIBLE CURB RAMP #1**
NO SCALE
- LEGEND**
- PAVEMENT.
 - TOP FACE OF CURB, STANDARD 6" HIGH.
 - 8.3% (1:12) MAXIMUM SLOPE, 2% MAX CROSS SLOPE.
 - SCORE MARK, 6" BACK OF CURB.
 - TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.8.
 - 6" WIDE RETAINING CURB, HEIGHT TO BE DETERMINED BY PROJECTED BACK OF WALK GRADE AT EACH END OF CURB RETURN AND BACK OF LANDING SURFACE.
 - PLACE 36" WIDE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE BY ARMOR-TILE OR APPROVED EQUAL. DETECTABLE WARNINGS AT CURB RAMP SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN LESS 2 INCHES MAXIMUM ON EACH SIDE PER 11B-705.1.2.2.

7
C5.1 **ACCESSIBLE CURB RAMP #1**
NO SCALE

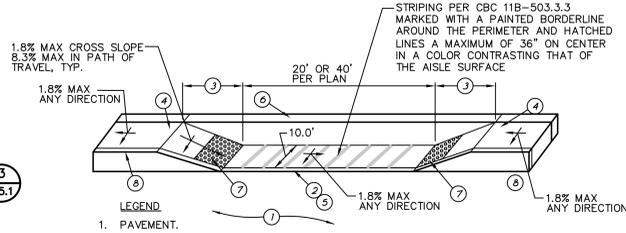


- 8**
C5.1 **ACCESSIBLE CURB RAMP #2**
NO SCALE
- LEGEND**
- PAVEMENT.
 - TOP FACE OF ROLLED CURB, STANDARD 4" HIGH.
 - 8.3% (1:12) MAXIMUM SLOPE, 2% MAX CROSS SLOPE LENGTH=6.5'.
 - LANDING SHALL BE 48" MIN. AND SLOPE SHALL NOT EXCEED 1:48 MAX PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.3.
 - SCORE MARK, 6" BACK OF CURB.
 - TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE WITH A COUNTER SLOPE NOT EXCEEDING 1:20 MAX FOR 24" PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.8.
 - PLACE 36" WIDE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE BY ARMOR-TILE OR APPROVED EQUAL. DETECTABLE WARNINGS AT CURB RAMP SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN LESS 2 INCHES MAXIMUM ON EACH SIDE, EXCLUDING ANY FLARED SIDES. DETECTABLE WARNINGS SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE LINE AT THE FACE OF THE CURB MARKING THE TRANSITION BETWEEN THE CURB AND THE GUTTER OR STREET.

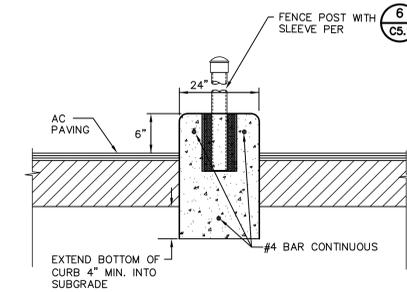
8
C5.1 **ACCESSIBLE CURB RAMP #2**
NO SCALE



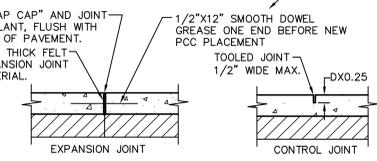
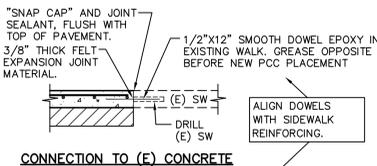
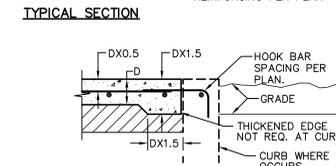
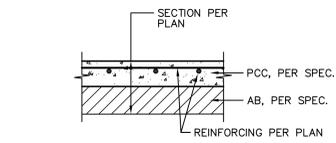
3
C5.1 **TRUNCATED DOMES**
NO SCALE



4
C5.1 **LOADING/UNLOADING ZONE**
NO SCALE

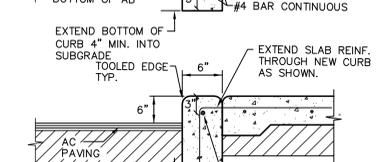
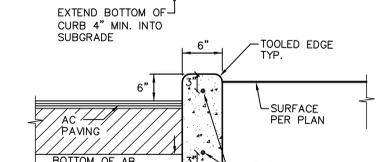
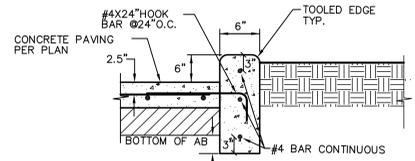


5
C5.1 **24" CONCRETE CURB**
NO SCALE



- 1**
C5.1 **CONCRETE SIDEWALK**
NO SCALE
- NOTES:**
- PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MIN.
 - PROVIDE CONTROL JOINTS AT 10 FEET O.C. MIN.
 - EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1
C5.1 **CONCRETE SIDEWALK**
NO SCALE



- 2**
C5.1 **CONCRETE CURB**
NO SCALE
- NOTES:**
- PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C.
 - AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

2
C5.1 **CONCRETE CURB**
NO SCALE

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

BENCHMARK NO. 280 ELEV. 14.73
 SAN JOAQUIN COUNTY POST AND
 WALKER MARKING C/S MONUMENT
 '99'-6" ON CENTERLINE OF
 THORNTON RD APPROX 27.9 FT
 S/O EIGHT MILE RD.

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

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

REGISTERED PROFESSIONAL ENGINEER
 ANTHONY TASSANO
 CIVIL ENGINEERING
 10766
 10766

WC
 WARRIOR CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 (916) 885-8470

DETAILS AND SECTIONS
 "OUT TO BID" JANUARY 26, 2022
 BEAR CREEK HIGH SCHOOL PAVING PROJECT
 AT
 10555 THORNTON ROAD
 SAN JOAQUIN COUNTY, CALIFORNIA
 STOCKTON
 LODI UNIFIED SCHOOL DISTRICT.

TITLE:
 SHEET NO.
C5.1

02-118898

STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 2 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF TWO CARTRIDGES. SYSTEM IS SHOWN WITH A 2" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY PER TABLE BELOW. IF THE SITE CONDITIONS EXCEED PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION	2"	18"	18" DEEP
RECOMMENDED HYDRAULIC DROP (ft)	3.00	2.5	3.5
SPECIFIC FLOW RATE (gpm/ft)	2 gpm/ft	1.67 gpm/ft	1 gpm/ft
CARTRIDGE FLOW RATE (gpm)	22.5	18.75	15
PEAK HYDRAULIC CAPACITY	1.0	1.0	1.8
INLET PERMANENT POOL LEVEL (A)	1'-0"	1'-0"	2'-0"
OVERALL STRUCTURE HEIGHT (B)	4'-0"	4'-0"	4'-0"

* 1.87 gpm/ft SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHORUS® (PSORB) MEDIA ONLY

GENERAL NOTES

- CONTRACTOR TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. WWW.CONTECHES.COM
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "C" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SPCE.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 10 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET AASHTO M240 LOAD RATING. TO MEET M240 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7 INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION RELATED EROSION RUNOFF.

2-CARTRIDGE DEEP CATCHBASIN STORMFILTER DATA

STRUCTURE ID	XXX
WATER QUALITY FLOW RATE (cfs)	XXX
PEAK FLOW RATE (cfs)	XXX
RETURN PERIOD OF PEAK FLOW (yrs)	XXX
CARTRIDGE FLOW RATE (gpm)	XX
MEDIA TYPE (PERLITE, ZPS, PSORB)	XXXXXX
RIM ELEVATION	XXX.XX

PIPE DATA: I.E. DIAMETER
 INLET STUB: XXX'XX' XX"
 OUTLET STUB: XXX'XX' XX"

CONFIGURATION: INLET, OUTLET, INLET, INLET, INLET, INLET

SLOPED LID: YES/NO
 SOLID COVER: YES/NO
 NOTES/SPECIAL REQUIREMENTS:

CONTECH ENGINEERED SOLUTIONS LLC
 www.conteches.com
 9025 Centex Plaza Dr., Suite 400, West Chester, OH 45399
 800-536-3899 513-645-7000 513-645-7990 FAX

2 CARTRIDGE CATCHBASIN STORMFILTER STANDARD DETAIL

1 CONTECH STORMFILTER - (2) 27" FILTERS
 C5.2 NO SCALE

STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 1 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF ONE CARTRIDGE. SYSTEM IS SHOWN WITH A 2" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY PER TABLE BELOW. IF THE SITE CONDITIONS EXCEED PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION	2"	18"	18" DEEP
RECOMMENDED HYDRAULIC DROP (ft)	3.00	2.5	3.5
SPECIFIC FLOW RATE (gpm/ft)	2 gpm/ft	1.67 gpm/ft	1 gpm/ft
CARTRIDGE FLOW RATE (gpm)	22.5	18.75	15
PEAK HYDRAULIC CAPACITY	1.0	1.0	1.8
INLET PERMANENT POOL LEVEL (A)	1'-0"	1'-0"	2'-0"
OVERALL STRUCTURE HEIGHT (B)	4'-0"	4'-0"	4'-0"

* 1.87 gpm/ft SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHORUS® (PSORB) MEDIA ONLY

GENERAL NOTES

- CONTRACTOR TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. WWW.CONTECHES.COM
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "C" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SPCE.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 10 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET AASHTO M240 LOAD RATING. TO MEET M240 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7 INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION RELATED EROSION RUNOFF.

1-CARTRIDGE CATCHBASIN STORMFILTER DATA

STRUCTURE ID	XXX
WATER QUALITY FLOW RATE (cfs)	XXX
PEAK FLOW RATE (cfs)	XXX
RETURN PERIOD OF PEAK FLOW (yrs)	XXX
CARTRIDGE HEIGHT (2", 18", 18" DEEP)	XX
CARTRIDGE FLOW RATE (gpm)	XX
MEDIA TYPE (PERLITE, ZPS, PSORB)	XXXXXX
RIM ELEVATION	XXX.XX

PIPE DATA: I.E. DIAMETER
 INLET STUB: XXX'XX' XX"
 OUTLET STUB: XXX'XX' XX"

CONFIGURATION: INLET, OUTLET, INLET, INLET

SLOPED LID: YES/NO
 SOLID COVER: YES/NO
 NOTES/SPECIAL REQUIREMENTS:

CONTECH ENGINEERED SOLUTIONS LLC
 www.conteches.com
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 800-536-3899 513-645-7000 513-645-7990 FAX

1 CARTRIDGE CATCHBASIN STORMFILTER STANDARD DETAIL

2 CONTECH STORMFILTER - (1) 18" FILTERS
 C5.2 NO SCALE

A.P.N.	BENCHMARK NO.	280	ELEV.	14.73
	SAN JOAQUIN COUNTY, DIST. AND WASHER MARKING CODE MONUMENT "98-6" ON CENTERLINE OF THORNTON RD APPROX. 27.9 FT S/O EIGHT MILE RD.			
HORIZONTAL SCALE:	AS NOTED			
	VERTICAL SCALE:	AS NOTED		
DESIGNED:	DATE:	02-17-21		
	AT:			
DRAWN:	DATE:			
	AT:			
CHECKED:	DATE:			
	AT:			
DATE:	02-17-21			
	AT:			
JOB NO.:	20-123			
	AT:			

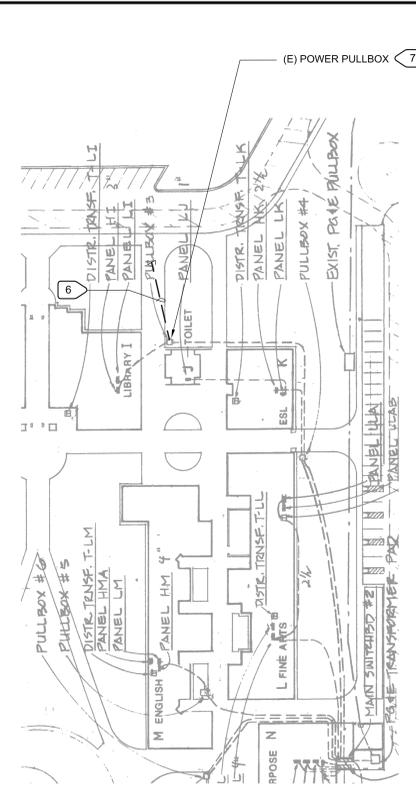
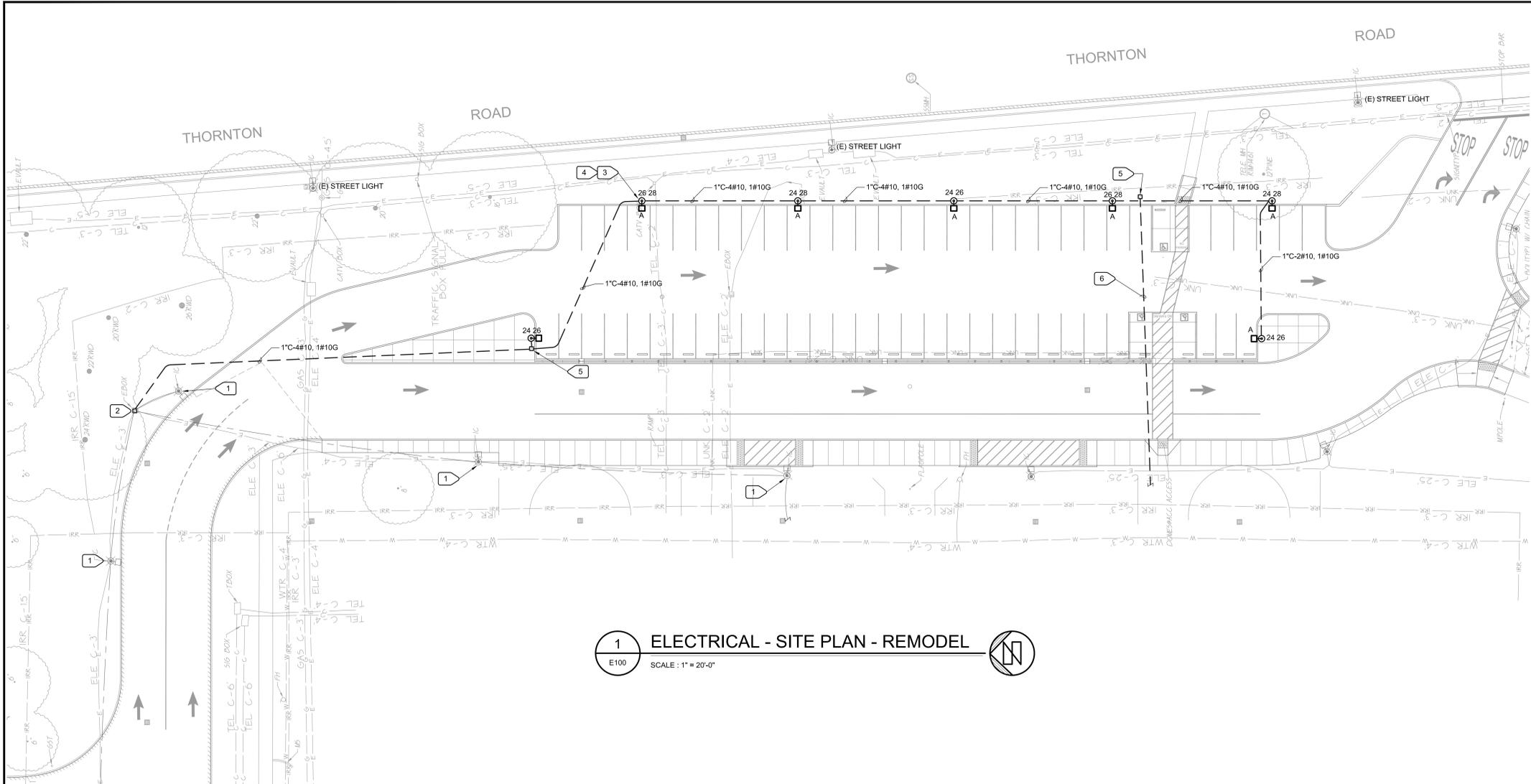


DETAILS AND SECTIONS

"OUT TO BID" JANUARY 26, 2022

BEAR CREEK HIGH SCHOOL PAVING PROJECT
 AT
10555 THORNTON ROAD

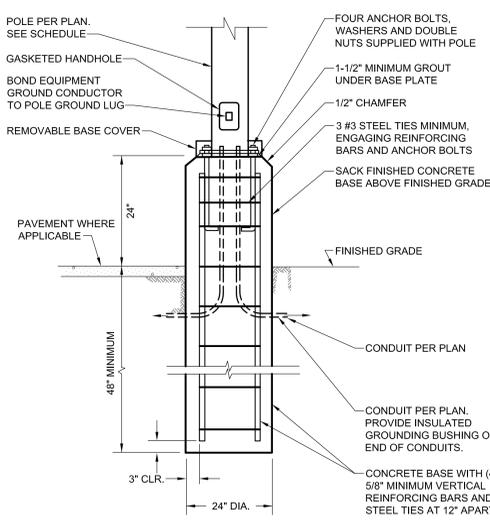
SAN JOAQUIN COUNTY, CALIFORNIA
 STOCKTON
 LODI UNIFIED SCHOOL DISTRICT.



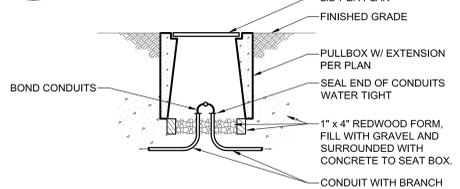
1 ELECTRICAL - SITE PLAN - REMODEL
E100 SCALE: 1" = 20'-0"

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

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



2 POLE BASE MOUNTING DETAIL
E100 NO SCALE



3 UNDERGROUND PULL BOX
E100 NO SCALE

GENERAL NOTES:

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

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

PERFORM ALL WORK IN ACCORDANCE WITH THE FOLLOWING CODES:

- CALIFORNIA ELECTRICAL CODE (CEC) WITH AMENDMENTS, THE NATIONAL FIRE PROTECTION ASSOCIATION NFPA NO. 70-2013, NATIONAL ELECTRICAL CODE (NEC), AND THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 STATE BUILDING STANDARDS, PART 9, BASIC ELECTRICAL REGULATIONS.
- CALIFORNIA BUILDING CODE (CBC) WITH AMENDMENTS, THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2.
- TITLE 19, CALIFORNIA CODE OF REGULATIONS, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- STATE OF CALIFORNIA, TITLE 24, STATE BUILDING STANDARDS, PART 6, CALIFORNIA ENERGY CODE.
- ALL APPLICABLE STATE LOCAL CODES AND REGULATIONS.

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

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

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

FIRMLY AND PERMANENTLY SECURE IN PLACE ALL ELECTRICAL EQUIPMENT TO THE STRUCTURE SO THAT IT IS LEVEL, PLUMB, AND TRUE WITH THE STRUCTURE AND OTHER EQUIPMENT, AND INSTALLED SUCH THAT IT WILL RESIST SEISMIC MOVEMENT. PERFORM ALL INSTALLATIONS IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS (E.G., UL STANDARDS), MANUFACTURER'S INSTRUCTIONS, DRAWINGS AND SPECIFICATIONS AND WITH THE METHODS RECOMMENDED BY THE NATIONAL ELECTRICAL CONTRACTORS' STANDARD OF INSTALLATION. NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE ABOVE PRIOR TO THE INSTALLATION OF MATERIALS.

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

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

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

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

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

PERFORM ALL TESTS SUGGESTED BY THE EQUIPMENT MANUFACTURERS.

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

PVC CONDUIT:

- SCHEDULE 40, NEMA TC2, TYPE II UNDERGROUND INSTALLATION.
- MINIMUM SIZE, 3/4 INCH.

PRECAST CONCRETE BOXES

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

SYSTEM	IDENTIFICATION
LIGHTING	LIGHTINGL
WIRE AND CABLE	

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

ELECTRICAL SYMBOL LIST

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

SYMBOL LIST NOTES:

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

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	VOLTAGE	LAMP	MOUNTING	REMARK
A	GARCO ECF-5-48L-900-NW-G2-AR-3-120V-BL-MR13-BK	277 VOLT PARKING LOT LIGHT	LED, 135 WATTS	POLE MOUNTED	(1)

LUMINAIRE SCHEDULE REMARK NOTES:

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

BUILDING H

PANEL HH

TYPE: NEMA 3R-48-225-480V-3 PHASE 4 WIRE
TRIM: SURFACE 22.5 AMP MAIN BRKR

USE	KVA	WIRING	BRKR	KVA	USE
2.1	27	1	2	4.002	LT'S
3.1	3.1	5	4	2.044	LT'S
4.1	0.574	3	6	1.500	EXT # NLS
5.1	2.4	7	10		SPARE
6.1		19	12		EMER & LTS
7.1		11	14		SPACE
8.1		13	16		
9.1		15	18		
10.1		17	20		
11.1		19	22		
12.1		21	24		
13.1		23	26		
14.1		25	28		
15.1		27	30		
16.1		29	32		
17.1		31	34		
18.1		33	36		
19.1		35	38		
20.1		37	40		
21.1		39	42		
22.1		41	44		
23.1		43	46		
24.1		45	48		
25.1		47	50		
26.1		49	52		
27.1		51	54		
28.1		53	56		
29.1		55	58		
30.1		57	60		
31.1		59	62		
32.1		61	64		
33.1		63	66		
34.1		65	68		
35.1		67	70		
36.1		69	72		
37.1		71	74		
38.1		73	76		
39.1		75	78		
40.1		77	80		
41.1		79	82		
42.1		81	84		
43.1		83	86		
44.1		85	88		
45.1		87	90		
46.1		89	92		
47.1		91	94		
48.1		93	96		
49.1		95	98		
50.1		97	100		

AC-5 480V 3Ø 9.55 10/19 20/30/16.43 480V 3Ø 19.77 FLA

AC-7 480V 3Ø 7.54 10/21 22/20/3.3 480V 3Ø 11.25 FLA

ADDED 0.945 KVA TO CKTS, 24,26,28. (E) 20/3 CKT. BRKR. IS ADEQUATE TO SUPPORT ADDITIONAL LOAD.

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

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

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

DESIGNED: [] AT []
DRAWN: [] AT []
CHECKED: [] AT []
DATE: 02-05-21

REGISTERED PROFESSIONAL ENGINEER
ANTHONY TASSANO
1117 WINDFIELD WAY SUITE 110
EL DORADO HILLS, CA 95762 (916) 885-1870

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

M. NEILS ENGINEERING, INC.
Electrical Engineers | Lighting Designers
100 Howe Ave., Suite 235N
Sacramento, CA 95825-8217
www.mneilsengineering.com
Tel: (916) 923-4400 Fax: (916) 923-4410
PROJECT #: 20354.21

PROJECT: BEAR CREEK HIGH SCHOOL PAVING PROJECT AT 10555 THORNTON ROAD
TITLE: SITE PLAN - ELECTRICAL - REMODEL
SHEET NO.: E1.00

STOCKTON, CALIFORNIA
LODI UNIFIED SCHOOL DISTRICT.

DATE: 02-24-2021

DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT LODI USD

2255 WAGNER HEIGHTS ROAD
STOCKTON, CA 95209

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

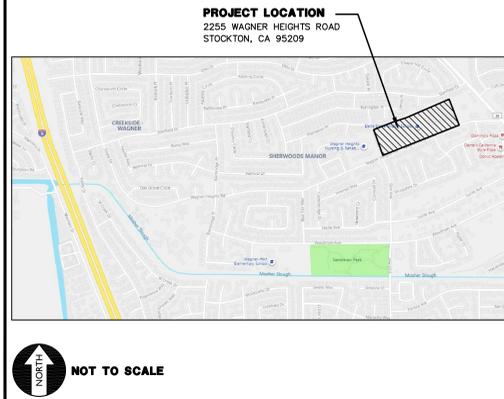
ELEV. 95.90
BENCHMARK NO. _____
HORIZONTAL SCALE: _____
AS NOTED
VERTICAL SCALE: _____
AS NOTED
JOB NO.: 20-124

ABBREVIATIONS

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

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

VICINITY MAP



PROJECT NARRATIVE

THE PROJECT CONSISTS OF:

- CONSTRUCTION OF NEW PARKING LOT, DRIVEWAYS AND VARIOUS CONCRETE PATHWAYS, WITH NEW CONCRETE AND ASPHALT PAVING AND STRIPING.
- ACCESSIBLE PATH OF TRAVEL UPGRADES HAVE BEEN PROVIDED AS REQUIRED BY CBC 2019, 11B-202.4.

THERE ARE NO NEW OR EXISTING BUILDINGS, BUILT, UPGRADED OR MODERNIZED BY THIS SET OF PLANS, ONLY PAVEMENT REPLACEMENT AND ACCESSIBILITY UPGRADES TO COMPONENTS OF THE EXISTING PATHS OF TRAVEL WITHIN THE PROJECT SCOPE.

APPLICABLE REGULATIONS

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

DEFERRED APPROVALS

NONE

STATEMENTS:

NONE

GENERAL NOTES

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

GENERAL PAVING SURFACE NOTES:

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

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

SHEET INDEX

TOTAL SHEETS: 9

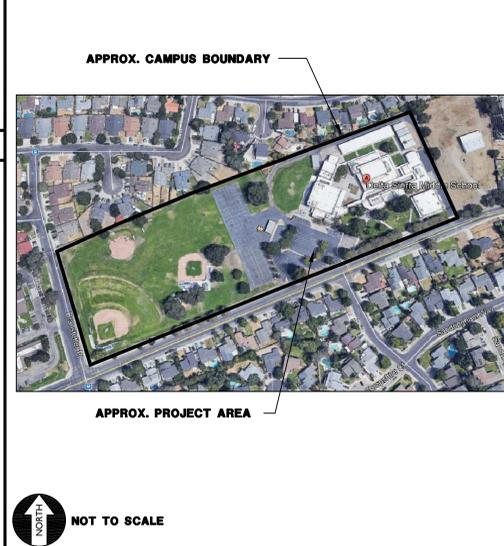
NO.	SHEET DESCRIPTION
CIVIL	
C0.0	COVER SHEET
C0.1	TOPOGRAPHIC SURVEY
C1.0	OVERALL SITE PLAN
C1.1	DEMOLITION PLAN
C1.2	ENGINEERED FILL PLAN
C2.1	GRADING AND DRAINAGE PLAN
C3.1	PAVING PLAN
C4.1	STRIPING AND SIGNAGE PLAN
C5.1	DETAILS AND SECTIONS

SYMBOLS LEGEND

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

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

SITE MAP



APPLICABLE CODES & STANDARDS

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



OWNER/USER

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

CONTACT: VICKIE BRUM

PROJECT TEAM

CIVIL: WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
PHONE: (916) 985-1870
FAX: (916) 985-1877

CONSTRUCTION MANAGER: CAPITAL PROGRAM MANAGEMENT
1851 HERITAGE LANE, SUITE 210
SACRAMENTO, CA 95815
PHONE: (916) 553-4400



COVER SHEET

"OUT TO BID" - JANUARY 26, 2022

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

SAN JOAQUIN COUNTY, CALIFORNIA
STOCKTON

TITLE: _____
SHEET NO. **C0.0**

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

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

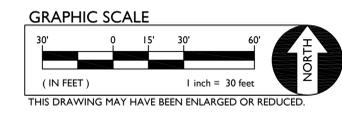
1. THERE ARE NO ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1V:24 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. (11B-403.5.1)
2. THE MINIMUM WIDTH OF THE P.O.T. IS 48" AT ANY GIVEN POINT. (11B-403.5.1)
3. THE SURFACE OF THE P.O.T. STABLE, FIRM, AND SLIP RESISTANT. (11B-403.2)
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5.0% (11B-403.3), UNLESS OTHERWISE INDICATED, WITH THE FOLLOWING EXCEPTIONS:
 - A. THE SLOPED PORTION OF "RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-405.2).
 - B. THE SLOPED PORTION OF A "CURB RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-406.2.1 AND 11B-406.3.1).
5. THE CROSS SLOPE OF THE ACCESSIBLE PATH OF TRAVEL DOES NOT EXCEED 2% AT ANY GIVEN POINT (11B-403.3).
6. THE ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307).
7. THERE ARE NO PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
8. PASSING SPACES AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. (11B-403.5.3)
9. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. (11B-407.3)
10. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING. (11B-303.5)
11. ENGINEER AND CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
12. THERE ARE NO GRATINGS WITHIN THE PATH OF TRAVEL WITH GRATE OPENINGS EXCEEDING 1/2" IN THE DIRECTION OF TRAVEL. (11B-302.3)

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

LEGEND

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

DSA PR-1501
"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
 THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
 DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."



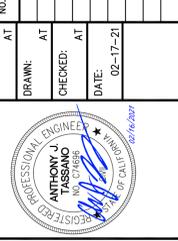
A.P.N.	BENCHMARK NO.	ELEV.	HORIZONTAL SCALE:	VERTICAL SCALE:	JOB NO.
		95.90	AS NOTED	AS NOTED	20-124

AGENCY APPROVAL	DATE	REVISIONS	DESCRIPTION	NO.	DESIGNED:	AT	DRAWN:	AT	CHECKED:	AT	DATE:
											02-17-21



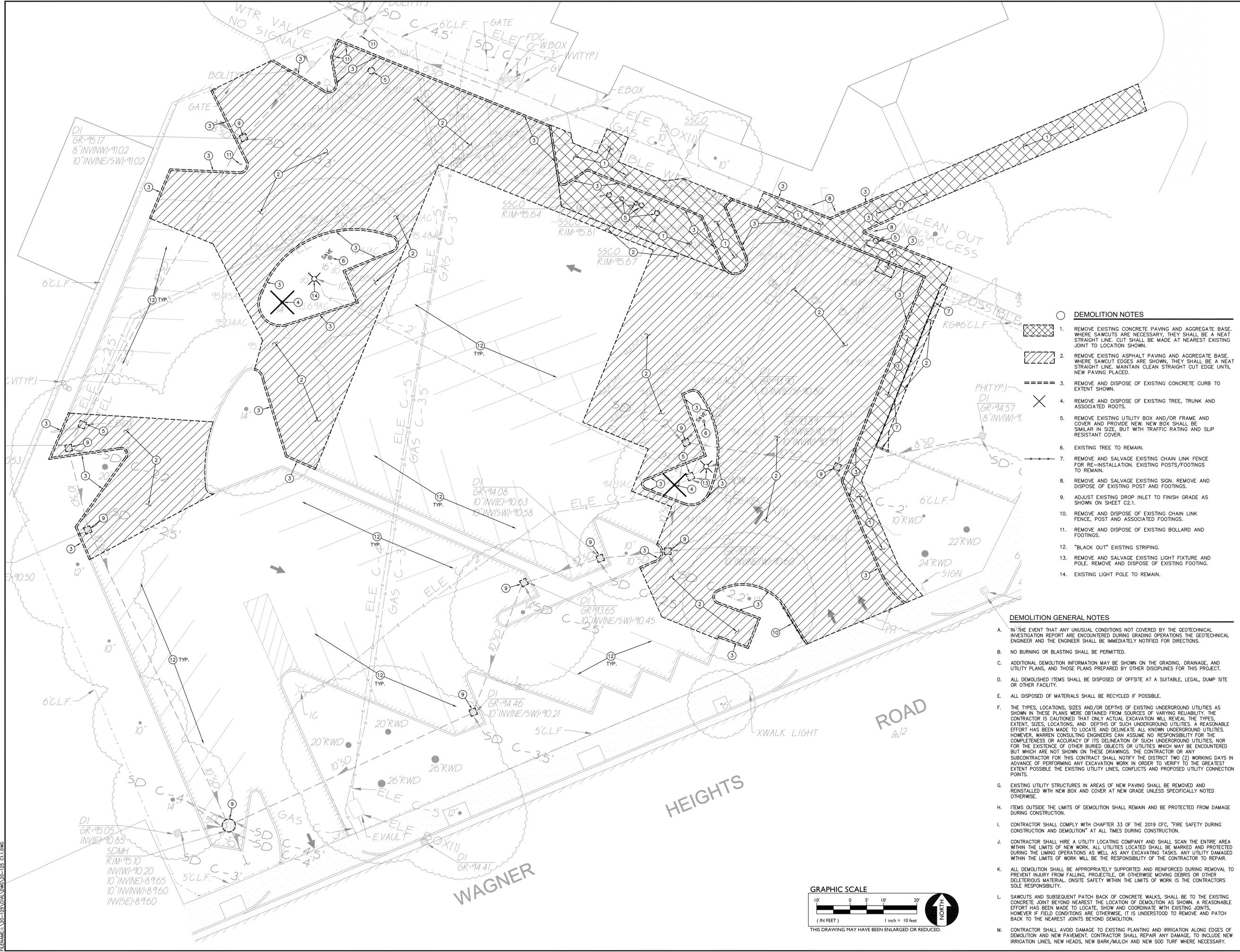
OVERALL SITE PLAN
"OUT TO BID" - JANUARY 26, 2022
DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
 AT
2255 WAGNER HEIGHTS ROAD,
 Lodi Unified School District, Stockton, San Joaquin County, California

C1.0
 SHEET NO.



DEMOLITION PLAN
 "OUT TO BID" - JANUARY 26, 2022
 DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
 AT
 2255 WAGNER HEIGHTS ROAD,
 STOCKTON, CALIFORNIA
 Lodi Unified School District

TITLE: DEMOLITION PLAN
 PROJECT: "OUT TO BID" - JANUARY 26, 2022
 SHEET NO. C1.1

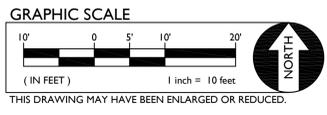


DEMOLITION NOTES

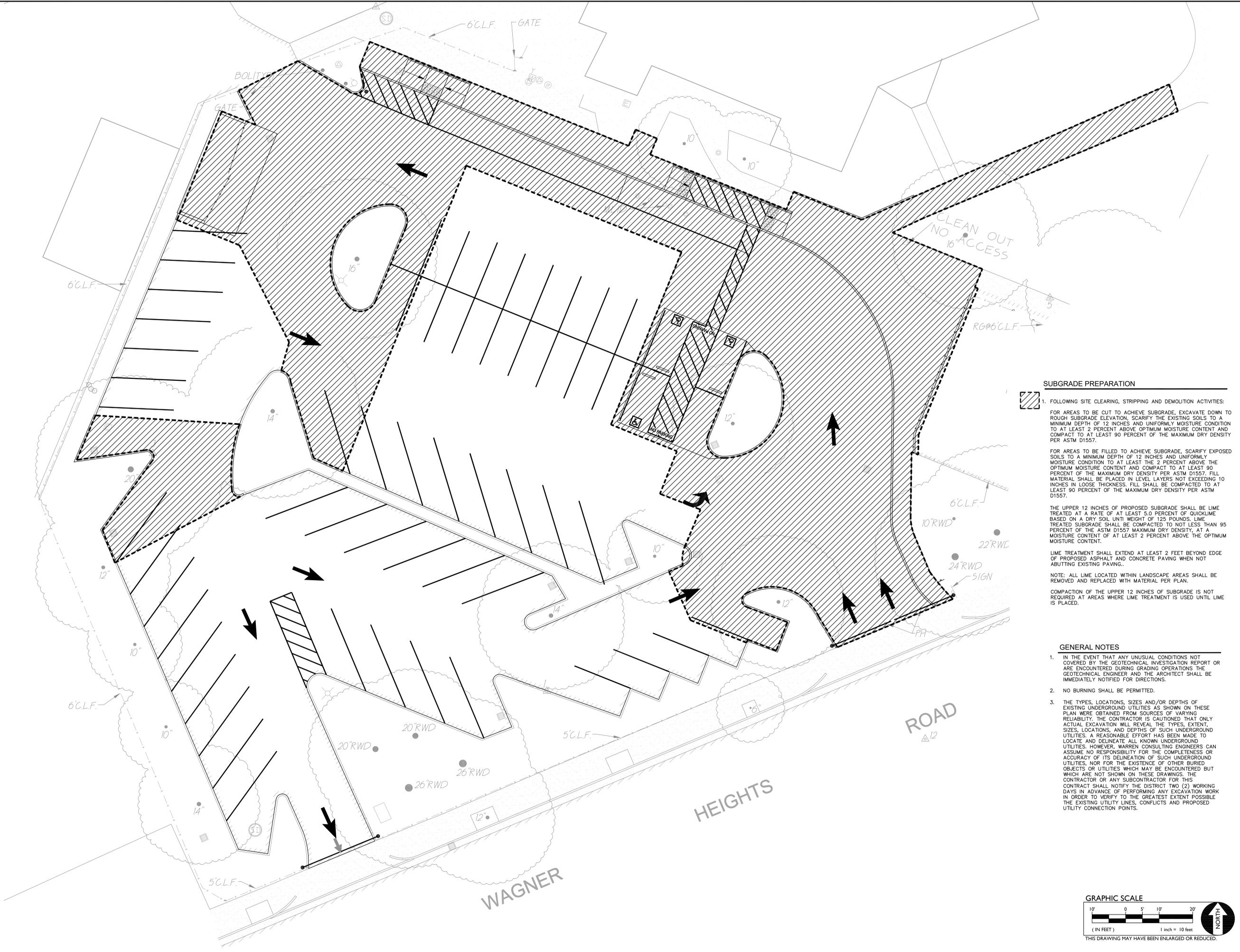
1. REMOVE EXISTING CONCRETE PAVING AND AGGREGATE BASE. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
2. REMOVE EXISTING ASPHALT PAVING AND AGGREGATE BASE. WHERE SAWCUT EDGES ARE SHOWN, THEY SHALL BE A NEAT STRAIGHT LINE. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED.
3. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB TO EXTENT SHOWN.
4. REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
5. REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW, NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
6. EXISTING TREE TO REMAIN.
7. REMOVE AND SALVAGE EXISTING CHAIN LINK FENCE FOR RE-INSTALLATION. EXISTING POSTS/FOOTINGS TO REMAIN.
8. REMOVE AND SALVAGE EXISTING SIGN. REMOVE AND DISPOSE OF EXISTING POST AND FOOTINGS.
9. ADJUST EXISTING DROP INLET TO FINISH GRADE AS SHOWN ON SHEET C2.1.
10. REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE, POST AND ASSOCIATED FOOTINGS.
11. REMOVE AND DISPOSE OF EXISTING BOLLARD AND FOOTINGS.
12. "BLACK OUT" EXISTING STRIPING.
13. REMOVE AND SALVAGE EXISTING LIGHT FIXTURE AND POLE. REMOVE AND DISPOSE OF EXISTING FOOTING.
14. EXISTING LIGHT POLE TO REMAIN.

DEMOLITION GENERAL NOTES

- A. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- B. NO BURNING OR BLASTING SHALL BE PERMITTED.
- C. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- D. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- E. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- F. 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.
- G. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED WITH NEW BOX AND COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- H. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- I. CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- J. CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMITING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- K. ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ON-SITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.
- L. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND 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.
- M. CONTRACTOR SHALL AVOID DAMAGE TO EXISTING PLANTING AND IRRIGATION ALONG EDGES OF DEMOLITION AND NEW PAVEMENT. CONTRACTOR SHALL REPAIR ANY DAMAGE, TO INCLUDE NEW IRRIGATION LINES, NEW HEADS, NEW BARK/MULCH AND NEW SOD TURF WHERE NECESSARY.



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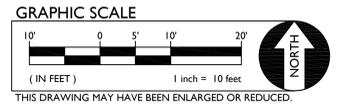


SUBGRADE PREPARATION

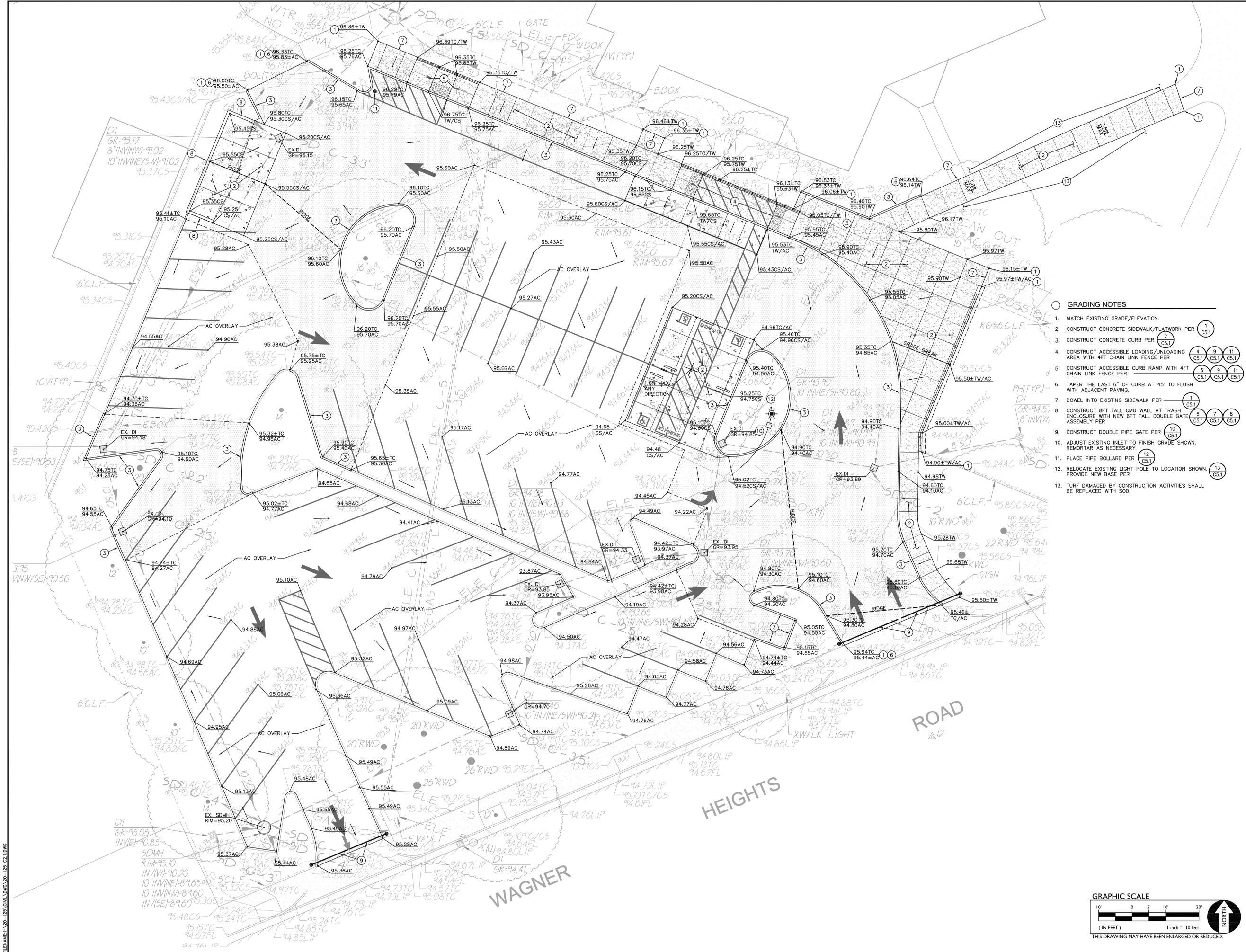
-  1. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:
- FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT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

GENERAL NOTES

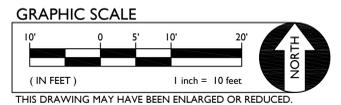
- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING SHALL BE PERMITTED.
- THE TYPES, LOCATIONS, SIZES AND/OR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



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-118900 INC. REVIEWED FOR: KING AND ASSOCIATES INC. SHT. G-3 JOB# 1320 DATED JULY 30, 1984. DATE: 02/24/2021	
A.P.N. BENCHMARK NO. _____ ELEV. 95.90	HORIZONTAL SCALE: AS NOTED
HORIZONTAL SCALE: AS NOTED	VERTICAL SCALE: AS NOTED
AGENCY APPROVAL: BY: _____ DATE: _____	JOB NO.: 20-124
REVISIONS: NO. _____ DESCRIPTION _____	DESIGNED: AT _____ DRAWN: AT _____ CHECKED: AT _____ DATE: 02-17-21
	
	
TITLE: ENGINEERED FILL PLAN PROJECT: "OUT TO BID" - JANUARY 26, 2022 DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT AT 2255 WAGNER HEIGHTS ROAD, LODI UNIFIED SCHOOL DISTRICT, STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA	
SHEET NO. C1.2	



- GRADING NOTES**
- MATCH EXISTING GRADE/ELEVATION.
 - CONSTRUCT CONCRETE SIDEWALK/FLATWORK PER (1) (C5.1)
 - CONSTRUCT CONCRETE CURB PER (2) (C5.1)
 - CONSTRUCT ACCESSIBLE LOADING/UNLOADING AREA WITH 4FT CHAIN LINK FENCE PER (4) (9) (11) (C5.1) (C5.1) (C5.1)
 - CONSTRUCT ACCESSIBLE CURB RAMP WITH 4FT CHAIN LINK FENCE PER (5) (9) (11) (C5.1) (C5.1) (C5.1)
 - TAPER THE LAST 6" OF CURB AT 45° TO FLUSH WITH ADJACENT PAVING.
 - DOWEL INTO EXISTING SIDEWALK PER (1) (C5.1)
 - CONSTRUCT 8FT TALL CMU WALL AT TRASH ENCLOSURE WITH NEW 6FT TALL DOUBLE GATE ASSEMBLY PER (6) (7) (8) (C5.1) (C5.1) (C5.1)
 - CONSTRUCT DOUBLE PIPE GATE PER (10) (C5.1)
 - ADJUST EXISTING INLET TO FINISH GRADE SHOWN. REMORTAR AS NECESSARY.
 - PLACE PIPE BOLLARD PER (12) (C5.1)
 - RELOCATE EXISTING LIGHT POLE TO LOCATION SHOWN. PROVIDE NEW BASE PER (13) (C5.1)
 - TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH SOD.

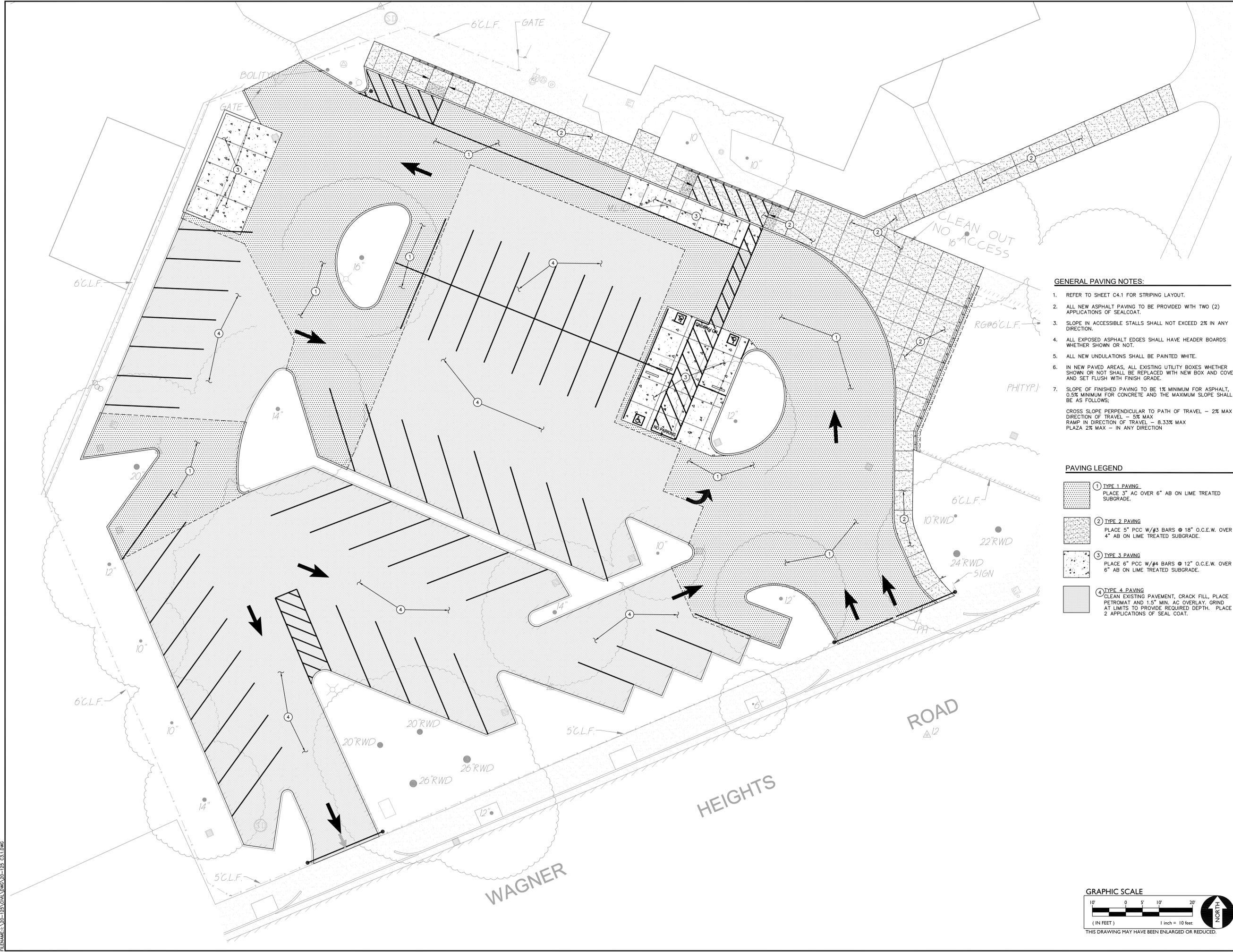


IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-118900 INC. REVIEWED FOR: SS <input type="checkbox"/> FLS <input type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 02/24/2021	
A.P.N. BENCHMARK NO.	ELEV. 95.90 HELD FFE BUILDING PER STAFFORD, KING AND ASSOCIATES DWG SHT. G-3 JOB# 1320 DATED JULY 30, 1994.
HORIZONTAL SCALE: AS NOTED	VERTICAL SCALE: AS NOTED
AGENCY APPROVAL BY DATE	REVISIONS NO. DESCRIPTION
DESIGNED: AT DRAWN: AT CHECKED: AT DATE: 02-17-21	NO. DESCRIPTION 1 2 3 4 5 6 7 8 9 10 11 12 13
TITLE: GRADING AND DRAINAGE PLAN PROJECT: "OUT TO BID" - JANUARY 26, 2022 DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT AT 2255 WAGNER HEIGHTS ROAD, Lodi Unified School District, Stockton, San Joaquin County, California	
SHEET NO.	C2.1
02-118900	



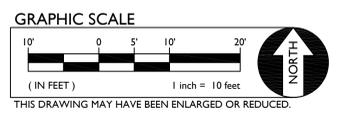
TITLE: PAVING PLAN
 PROJECT: "OUT TO BID" - JANUARY 26, 2022
 DELTA SIERRA MIDDLE SCHOOL PAVING PROJECT
 AT
 2255 WAGNER HEIGHTS ROAD,
 Lodi Unified School District, STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA

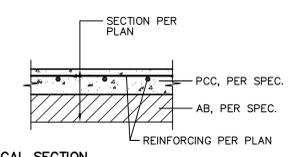
SHEET NO. **C3.1**



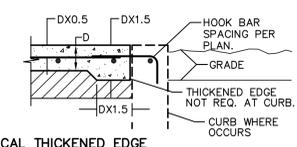
- GENERAL PAVING NOTES:**
- REFER TO SHEET C4.1 FOR STRIPING LAYOUT.
 - ALL NEW ASPHALT PAVING TO BE PROVIDED WITH TWO (2) APPLICATIONS OF SEALCOAT.
 - SLOPE IN ACCESSIBLE STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.
 - ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
 - ALL NEW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

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

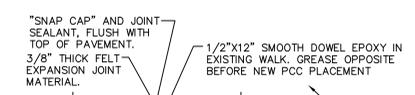




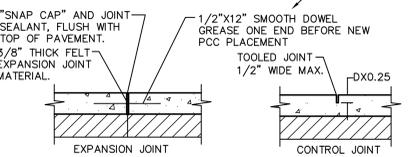
TYPICAL SECTION



TYPICAL THICKENED EDGE



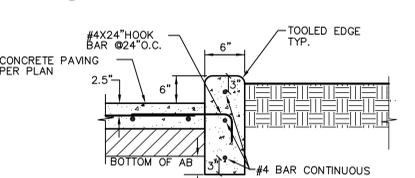
CONNECTION TO (E) CONCRETE



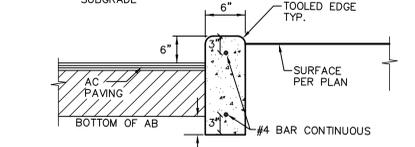
TYPICAL JOINTS

- NOTES:
 1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MIN.
 2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MIN.
 3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

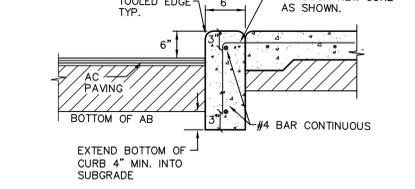
1 CONCRETE SIDEWALK
 NO SCALE



CONCRETE PAVING PER PLAN



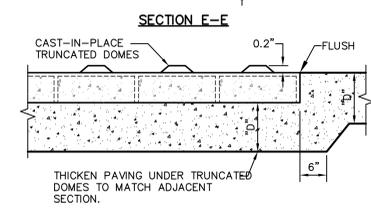
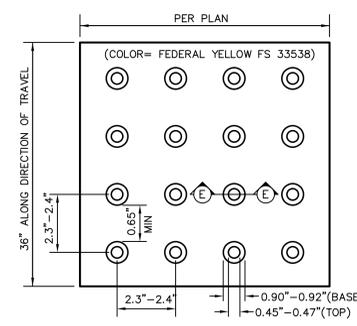
CONCRETE CURB



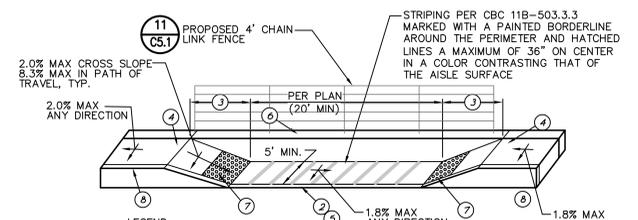
CONCRETE CURB

- NOTES:
 1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C.
 2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

2 CONCRETE CURB
 NO SCALE



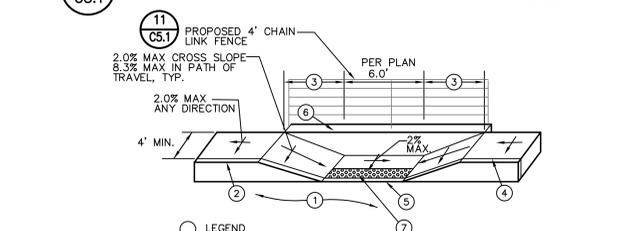
3 TRUNCATED DOMES
 NO SCALE



4 LOADING/UNLOADING ZONE
 NO SCALE

- LEGEND:
 1. PAVEMENT.
 2. FLUSH CONCRETE CURB.
 3. 8.3% (1:12) MAXIMUM SLOPE, 2.0% MAX CROSS SLOPE, 7" MIN. LENGTH.
 4. LANDING SHALL BE 48" MIN. AND SLOPE SHALL NOT EXCEED 1:48 MAX. ALL DIRECTIONS. PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.3
 5. TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE WITH A COUNTER SLOPE NOT EXCEEDING 1:20 MAX FOR 10'.
 6. 12" WIDE RETAINING CURB.
 7. PLACE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE, FULL WIDTH OF RAMP LESS 2 INCHES ON EITHER SIDE OF RAMP. 36" IN THE DIRECTION OF TRAVEL, BY ARMOR-TILE OR APPROVED EQUAL.
 8. SCORE MARK, 6" BEHIND BACK OF CURB

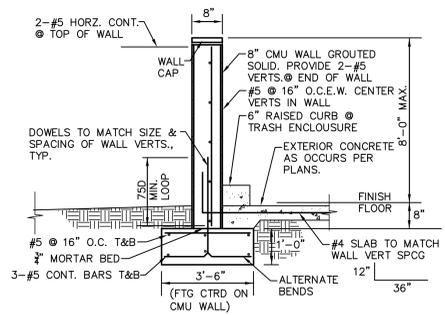
5 ACCESSIBLE CURB RAMP
 NO SCALE



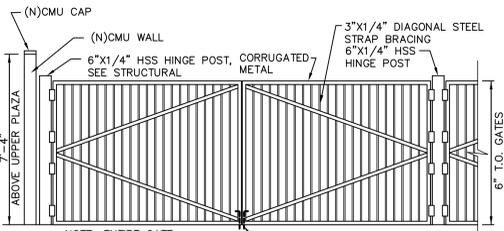
5 ACCESSIBLE CURB RAMP
 NO SCALE

- LEGEND:
 1. PAVEMENT.
 2. TOP FACE OF CURB, STANDARD 6" HIGH.
 3. 8.3% (1:12) MAXIMUM SLOPE, 2.0% MAX CROSS SLOPE.
 4. SCORE MARK, 6" BACK OF CURB.
 5. TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-503.
 6. 12" WIDE RETAINING CURB, HEIGHT TO BE DETERMINED BY PROJECTED BACK OF WALK GRADE AT EACH END OF CURB RETURN AND BACK OF LANDING SURFACE.
 7. PLACE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE, FULL WIDTH OF LANDING, 36" IN THE DIRECTION OF TRAVEL, BY ARMOR-TILE OR APPROVED EQUAL.

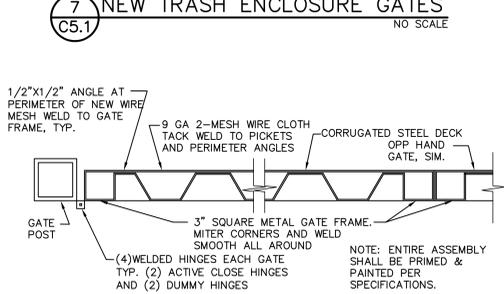
5 ACCESSIBLE CURB RAMP
 NO SCALE



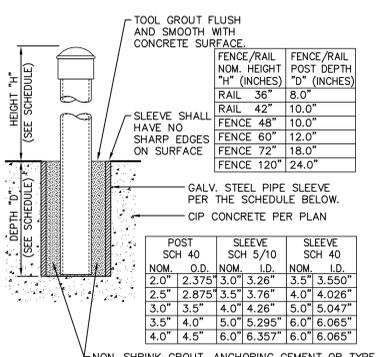
6 TRASH ENCLOSURE CMU WALL
 NO SCALE



7 NEW TRASH ENCLOSURE GATES
 NO SCALE



8 TRASH ENCLOSURES GATES PLAN
 NO SCALE



9 POST SLEEVE DETAIL
 NO SCALE

POST NOM.	SCH 40 O.D.	SLEEVE SCH 5/10 NOM.	SCH 40 I.D.	FENCE/RAIL NOM. HEIGHT "H" (INCHES)	FENCE/RAIL POST DEPTH "D" (INCHES)
2.0"	2.375	3.0"	3.26"	3.5"	3.550"
2.5"	2.875	3.5"	3.76"	4.0"	4.026"
3.0"	3.375	4.0"	4.26"	5.0"	5.047"
3.5"	4.0"	5.0"	5.295"	6.0"	6.065"
4.0"	4.5"	6.0"	6.357"	6.0"	6.065"

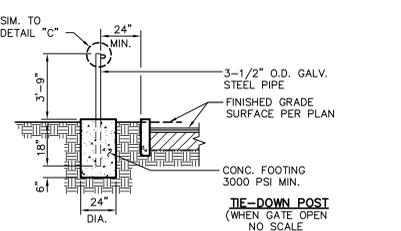
9 POST SLEEVE DETAIL
 NO SCALE



DETAIL "A" TOP VIEW
 NO SCALE

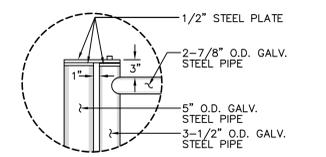


DETAIL "B" TOP VIEW
 NO SCALE

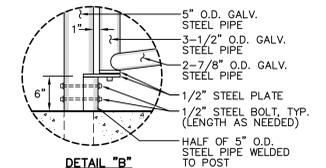


TIE-DOWN POST
 (WHEN GATE OPEN)
 NO SCALE

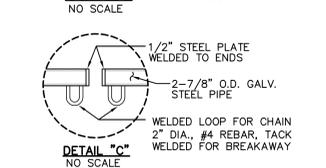
NOTES:
 1. ALL PIPES TO BE BLACK STEEL PIPES, SIZES AS SHOWN, WELDED.
 2. ALL STEEL TO BE PAINTED WITH 2 COATS COMMERCIAL GRADE PRIMER, 1 TOPCOAT INSIGNIA YELLOW, OR WHITE.
 3. PROVIDE 2 TIE-DOWN POSTS, ONE FOR EACH SIDE OF GATE. FIELD LOCATE POINT OF INSTALLATION BASED ON PROPOSED GATE SWING.



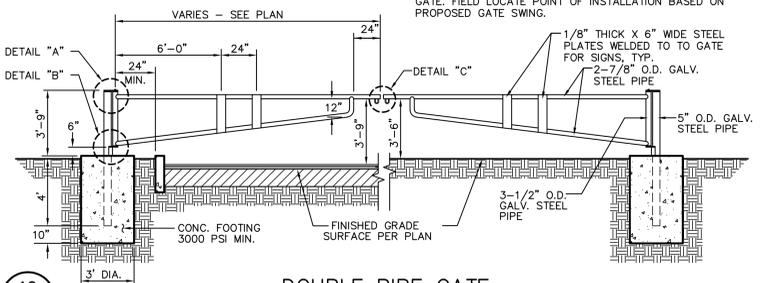
DETAIL "A" NO SCALE



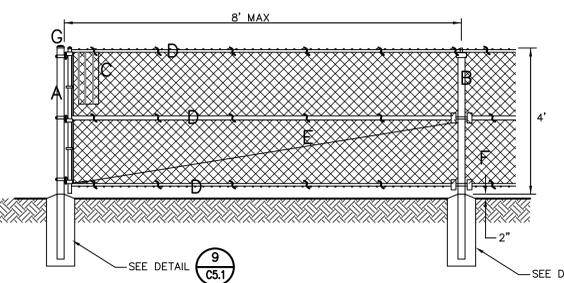
DETAIL "B" NO SCALE



DETAIL "C" NO SCALE



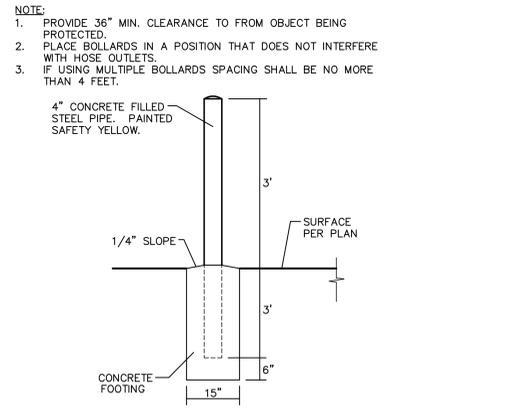
10 DOUBLE PIPE GATE
 NO SCALE



11 4FT CHAIN LINK FENCE
 NO SCALE

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

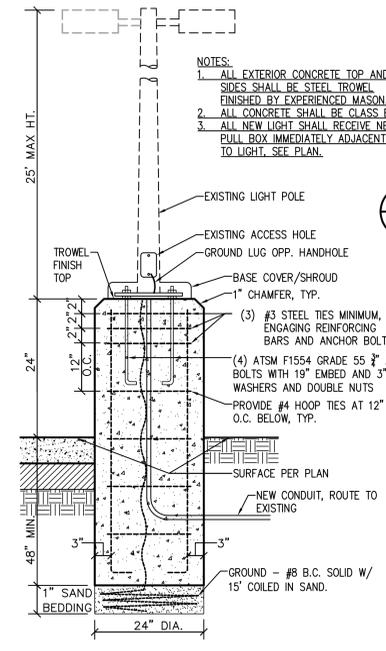
11 4FT CHAIN LINK FENCE
 NO SCALE



12 PIPE BOLLARD
 NO SCALE

- NOTE:
 1. PROVIDE 36" MIN. CLEARANCE TO FROM OBJECT BEING PROTECTED.
 2. PLACE BOLLARDS IN A POSITION THAT DOES NOT INTERFERE WITH HOSE OUTLETS.
 3. IF USING MULTIPLE BOLLARDS SPACING SHALL BE NO MORE THAN 4 FEET.

12 PIPE BOLLARD
 NO SCALE



13 LIGHT POLE
 NO SCALE

- NOTES:
 1. ALL EXTERIOR CONCRETE TOP AND SIDES SHALL BE STEEL TROWEL FINISHED BY EXPERIENCED MASON.
 2. ALL CONCRETE SHALL BE CLASS B.
 3. ALL NEW LIGHT SHALL RECEIVE NEW PULL BOX IMMEDIATELY ADJACENT TO LIGHT. SEE PLAN.

13 LIGHT POLE
 NO SCALE