



August 25, 2025

## ADDENDUM NO. 1

TO THE CONTRACT DOCUMENTS

**FOR**

Board of Education – New Parking Lot

**FOR THE**

San Bernardino City Unified School District

701 N E St.

San Bernardino, CA 92410

RCA Project No. 1-78-60

### ADDENDUM 01 – NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modifies the original documents of DSA Approved on August 7th, 2025. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 1 in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

### GENERAL

- Item No. 1.1      Reference Sheet G-1 – TITLE SHEET & SHEET INDEX  
1.1.1      Replace Sheet G-1 and revise per clouded areas listed below:  
                    (a)    Added sheet LP-1.0 to sheet index.

### CIVIL

- Item No. 1.2      Reference Sheet C-1.0 – TITLE SHEET  
1.2.1      Replace Sheet C-1.0 and revise per clouded areas listed below:  
                    (a)    Added existing spot elevations to legend.
- Item No. 1.3      Reference Sheet C-2.0 – DEMOLITION PLAN  
1.3.1      Replace Sheet C-2.0 and revise per clouded areas listed below:  
                    (a)    Updated demo plan scope to reflect existing conditions.
- Item No. 1.4      Reference Sheet C-3.0 – PRECISE GRADING PLAN  
1.4.1      Replace Sheet C-2.0 and revise per clouded areas listed below:  
                    (a)    Refined linework for clarity.  
                    (b)    Updated scope to match existing conditions.  
                    (c)    Added construction notes to plan for clarity.  
                    (d)    Removed construction note from list.
- Item No. 1.5      Reference Sheet C-3.1 – SECTIONS & DETAILS  
1.5.1      Replace Sheet C-2.0 and revise per clouded areas listed below:  
                    (a)    Removed construction note from list.
- Item No. 1.6      Reference Sheet C-4.0 – STORM DRAIN PLAN  
1.6.1      Replace Sheet C-4.0 and revise per clouded areas listed below:

- (a) Revised size of retention basin.
- (b) Removed note from storm drain notes list.

Item No. 1.7      Reference Sheet C-4.2 – STORM DRAIN DETAILS  
                   1.7.1    Replace Sheet C-4.2 and revise per clouded areas listed below:  
                           (a)    Removed unused details.

Item No. 1.8      Reference Sheet C-5.0 – EROSION CONTROL PLAN  
                   1.8.1    Replace Sheet C-5.0 and revise per clouded areas listed below:  
                           (a)    Revised plan based on scope at west entrance of lot.

## LANDSCAPE

Item No. 1.9      New Sheet LP-1.0 – LANDSCAPE CONCEPT PLAN

## ARCHITECTURAL

Item No. 1.10     Reference Sheet AS-1.0 – DEMOLITION SITE PLAN  
                   1.10.1    Replace Sheet AS-1.0 and revise per clouded areas listed below:  
                           (a)    Removed unused linework

Item No. 1.11     Reference Sheet AS-2.0 – OVERALL SITE PLAN  
                   1.11.1    Replace Sheet AS-12.0 and revise per clouded areas listed below:  
                           (a)    Updated per landscape plan.  
                           (b)    Added wheel stops as shown.  
                           (c)    Provided additional dimensions for clarity.  
                           (d)    Removed text markings for EV capable stalls.

Item No. 1.12     Reference Sheet ASD-1 – SITE DETAILS  
                   1.12.1    Replace Sheet ASD-1 and revise per clouded areas listed below:  
                           (a)    Added detail 22/-.

## ELECTRICAL

Item No. 1.13     Reference Sheet E-0.1 – ELECTRICAL LEGENDS, NOTES AND DETAILS  
                   1.13.1    Replace Sheet E-0.1 and revise per clouded areas listed below:  
                           (a)    Revised detail 2/-.

## ADDITIONAL OFF-SITE SCOPE (JUANITA JONES ELEMENTARY SCHOOL)

Item No. 1.14     Reference Exhibit Sheet C-6.2  
                   1.14.1    Add offsite scope described in attached exhibit to overall project scope.

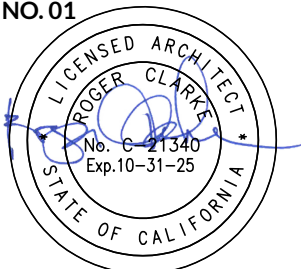
## ATTACHMENTS

Exhibits:          C-6.2

Sheets:            G-1, C-1.0, C-2.0, C-3.0, C-3.1, C-4.0, C-4.1, C-4.2, C-5.0, LP-1.0, AS-1.0, AS-2.0, AS-2.1, ASD-1.

## END OF ADDENDUM NO. 01

\_\_\_\_\_  
 Roger Clarke, Principal  
 C-21340









GENERAL GRADING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS, THE PROJECT SPECIFICATIONS, THE GEOTECHNICAL ENGINEER'S REPORT, AND THE STANDARD SPECIFICATIONS ADOPTED FOR PUBLIC WORKS CONSTRUCTION ("GREEN BOOK"). ALL REFERENCE SPECIFICATIONS AND STANDARDS SHALL BE THE LATEST EDITION UNLESS OTHERWISE NOTED.
2. THE PLANS SHOWN HEREIN ARE INCLUSIVE TO THE ENTIRE SET OF CONTRACT DOCUMENTS AND NO SHEET SHOULD BE TREATED AS A STANDALONE PLAN FOR BIDDING OR CONSTRUCTION. WHEN A TECHNICAL CONFLICT IS FOUND TO EXIST IN THE CONTRACT DOCUMENTS THAT CAN NOT BE RESOLVED BY REFERENCE TO PRECEDENCE PROVISIONS IN THE "GREEN BOOK", THE CONTRACTOR SHALL IMMEDIATELY REPORT SAID CONFLICT TO THE ENGINEER FOR RESOLUTION.
3. ALL MATERIALS AND METHODS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
4. OFF-SITE CONSTRUCTION PERMITS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE AGENCY HAVING JURISDICTION (AHJ).
5. THE WALLS AND FACES OF ALL EXCAVATIONS GREATER THAN FIVE (5) FEET IN DEPTH SHALL BE GUARDED BY SHORING, SLOPING OF THE GROUND OR OTHER APPROVED MEANS PURSUANT TO THE REQUIREMENTS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. TRENCHES LESS THAN FIVE (5) FEET SHALL ALSO BE GUARDED WHEN THE POTENTIAL EXISTS FOR GROUND MOVEMENT.
6. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC RIGHT OF WAY WITHOUT OBTAINING A SEPARATE PERMIT FOR THAT PURPOSE.
7. THE LOCATIONS OF UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION, HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE, IN THE FIELD, THE TRUE LOCATION AND ELEVATION OF ANY EXISTING UTILITIES BY EXPLORATORY POTHoles, ACCOUNT FOR SUCH IN SUBMISSION OF HIS/HER BID, AND TO EXERCISE PROPER PRECAUTION TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 TWO WORKING DAYS BEFORE EXCAVATION.
8. THE CONTRACTOR SHALL NOT OPERATE ANY FIRE HYDRANT OR WATER MAIN VALVES WITHOUT APPROPRIATE AGENCY AUTHORIZATION. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE WATER COMPANY FOR VALVE OPERATION AND WATER REQUIREMENTS.
9. CURVE DATA, WHERE NOTED, REFERS TO THE FACE OF CURB.
10. ADEQUATE CONSTRUCTION CONTROL STAKES SHALL BE SET BY THE SURVEYOR TO ENABLE THE CONTRACTOR TO CONSTRUCT THE WORK TO THE PLAN GRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF BENCHMARKS AND CONSTRUCTION CONTROL STAKING DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFECTIVE MEANS OF DUST CONTROL, INCLUDING ADEQUATE WATERING, AT ALL TIMES.
12. ALL GRADING OPERATIONS SHALL BE DISCONTINUED WHEN SUSTAINED WIND VELOCITIES EXCEED 25 MILES PER HOUR.
13. THE CONTRACTOR SHALL NOT CAUSE ANY EXCAVATED MATERIAL, MUD, SILT OR DEBRIS TO BE DEPOSITED ONTO PUBLIC OR PRIVATE PROPERTY ADJACENT TO THE RIGHT OF WAY DURING CONSTRUCTION WITHOUT PRIOR WRITTEN APPROVAL.
14. NO TRENCH BACKFILL SHALL TAKE PLACE WITHOUT PRIOR APPROVAL OF THE SITE INSPECTOR.
15. A GEOTECHNICAL ENGINEER SHALL CERTIFY ALL BACKFILL COMPACTION. FAILURE TO OBTAIN THE REQUIRED DENSITY SHALL REQUIRE RE-WORKING OF THAT PORTION OF THE WORK UNTIL THE SPECIFIED DENSITY IS OBTAINED.
16. CARE SHOULD BE TAKEN TO PREVENT GRADES, DITCHES, AND SWALES FROM UNDERMINING EXISTING IMPROVEMENTS.
17. THE FINAL LOCATION AND WIDTH OF DRIVEWAY APPROACH APRONS SHALL BE APPROVED AT THE TIME OF CONSTRUCTION AND SHALL CONFORM TO THE AHJ'S STANDARD DETAILS.
18. ALL EXPOSED CONCRETE SURFACES SHALL CONFORM IN GRADE, COLOR AND FINISH TO MATCH EXISTING CONCRETE, UNLESS OTHERWISE NOTED ON THE CIVIL, ARCHITECTURAL, OR LANDSCAPE ARCHITECT'S PLANS.
19. NO OPEN TRENCH SHALL BE ALLOWED AT THE END OF THE DAY WITHOUT PRIOR APPROVAL OF THE SITE INSPECTOR.
20. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED.
22. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE EXISTING FACILITIES, AND VERIFY ELEVATION AND LOCATION OF CONNECTIONS. DSA APPROVAL OF CONNECTIONS TO EXISTING FACILITIES DOES NOT IMPLY CORRECTNESS OF ELEVATIONS OR LOCATIONS SHOWN ON THE PLANS.
23. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO PAVING OPERATIONS.
24. IF EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ALL AFFECTED DISCIPLINES IMMEDIATELY.
25. APPROVED SOIL STERILANT IS REQUIRED UNDER ALL NEW ASPHALT PAVEMENT PRIOR TO PLACEMENT.
26. PAVEMENT STRUCTURAL SECTIONS SHOWN ARE MINIMUM AND SUBJECT TO REVISION AND APPROVAL OF THE ENGINEER AS DETERMINED BY SOILS TESTS TAKEN AFTER COMPLETION OF ROUGH GRADING.
27. ACTUAL THICKNESS OF A.C. PAVEMENT AND/OR BASE COURSE MATERIAL FOR STRUCTURAL PAVEMENT SECTIONS SHALL BE RECOMMENDED BY A GEOTECHNICAL REPORT, OTHERWISE THE GEOTECHNICAL ENGINEER WILL CONFIRM THE ON-SITE PAVEMENT SECTIONS BASED ON FIELD MEASURED "R" SUB GRADE VALUES.
28. ALL MANHOLES, CLEANOUT FRAMES, COVERS AND VALVE BOXES SHALL BE RAISED TO FINISHED GRADE BY THE PAVING CONTRACTOR UPON COMPLETION OF PAVING.
29. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RESTORE ALL SIGNING, STRIPING, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF THE SITE INSPECTOR.
30. CONTRACTOR SHALL RELOCATE AND/OR REPLACE LANDSCAPING, SPRINKLERS AND SIDEWALKS AFFECTED BY THE CONSTRUCTION TO THE SATISFACTION OF THE SITE INSPECTOR.
31. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER OF RECORD, WHO SHALL PROVIDE RECORD DRAWINGS TO THE PROJECT ARCHITECT.

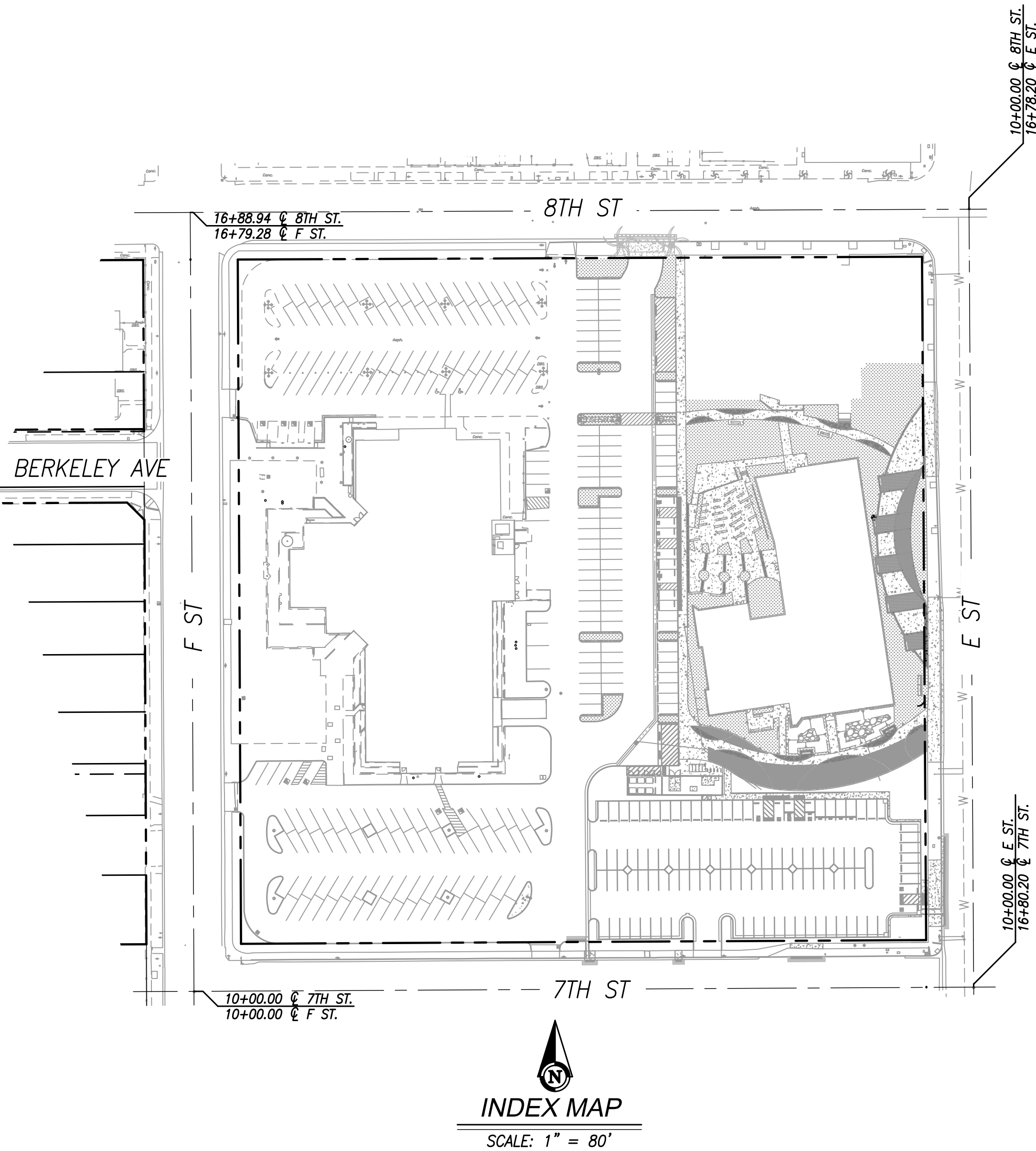
PUBLIC IMPROVEMENT PLANS

OFFSITE PLANS REQUIRING CITY OR OTHER JURISDICTIONAL AUTHORITY APPROVAL AND PERMITTING ARE REQUIRED WITHIN THE PUBLIC RIGHT OF WAY. PRIOR TO BIDDING, IT IS THE CONTRACTORS RESPONSIBILITY TO REQUEST ALL PUBLIC IMPROVEMENT PLANS NOT INCLUDED IN THIS PLAN SET.

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO FIELD VERIFY, LOCATE, & PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

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



ABBREVIATIONS

B.O.P.	BOTTOM OF PIPE
CO	CLEAN OUT
EXIST	EXISTING
EG	EDGE OF GUTTER
FF	FINISH FLOOR
FG	FINISH GRADE
FL OR E	FLOWLINE
FH	FIRE HYDRANT
FS	FINISH SURFACE
FW	FIRE WATER
GB	GRADE BREAK
HP	HIGH POINT
IE	INVERT ELEVATION
IOR	INSPECTOR OF RECORD
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROTECT-IN-PLACE
P	PROPERTY LINE
P.O.C.	POINT OF CONNECTION
PROP.	PROPOSED
R/W	RIGHT-OF-WAY
S	SOUTH OR SLOPE
S.B.M.W.D.	SAN BERNARDINO MUNICIPAL WATER DISTRICT
SD	STORM DRAIN
SL	STREET LIGHT
SMH	SEWER MANHOLE
ST.	STREET
STD.	STANDARD
S/W	SIDEWALK
SWR	SEWER
TC	TOP OF CURB
TF	TOP OF FOOTING
T.B.	THRUST BLOCK
TG	TOP OF GRADE
TMC	TOP OF NEW CURB
T.O.P.	TOP OF PIPE
TW	TOP OF WALL
TYP.	TYPICAL
W	WEST
W.S.	WATER SURFACE
WTR	WATER
XING	CROSSING

LEGEND

—	FLOWLINE
----	GRADE BREAK
(XX.XX) FS	EXIST. SPOT ELEVATION PER FIELD SURVEY
<XX.XX> FS	EXIST. SPOT ELEVATION PER RECORD CITY OF SAN BERNARDINO APPROVED PRECISE GRADING PLAN LD2300055 R.1
(XX.XX) YC	EXIST. SPOT ELEVATION PER IMPROVEMENTS BY OTHERS (FIELD VERIFY PRIOR TO CONSTRUCTION)
XX.XX FS	NEW SPOT ELEVATION
(X.XX)	EXIST. RATE OF GRADE PER FIELD SURVEY
<X.XX>	EXIST. RATE OF GRADE PER RECORD CITY OF SAN BERNARDINO APPROVED PRECISE GRADING PLAN LD2300055 R.1
X.XX	NEW RATE OF GRADE
-(1200)-	EXIST. CONTOUR PER FIELD SURVEY
— 1200 —	NEW CONTOUR

SHEET INDEX

TITLE SHEET	C-1.0
DEMOLITION PLAN	C-2.0
PRECISE GRADING PLAN	C-3.0
SECTIONS & DETAILS	C-3.1
STORM DRAIN PLAN	C-4.0
STORM DRAIN DETAILS	C-4.1-4.2
EROSION CONTROL PLAN	C-5.0

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RUHNAUCLARKE.COM

3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 584 4664 / 575 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438 5899

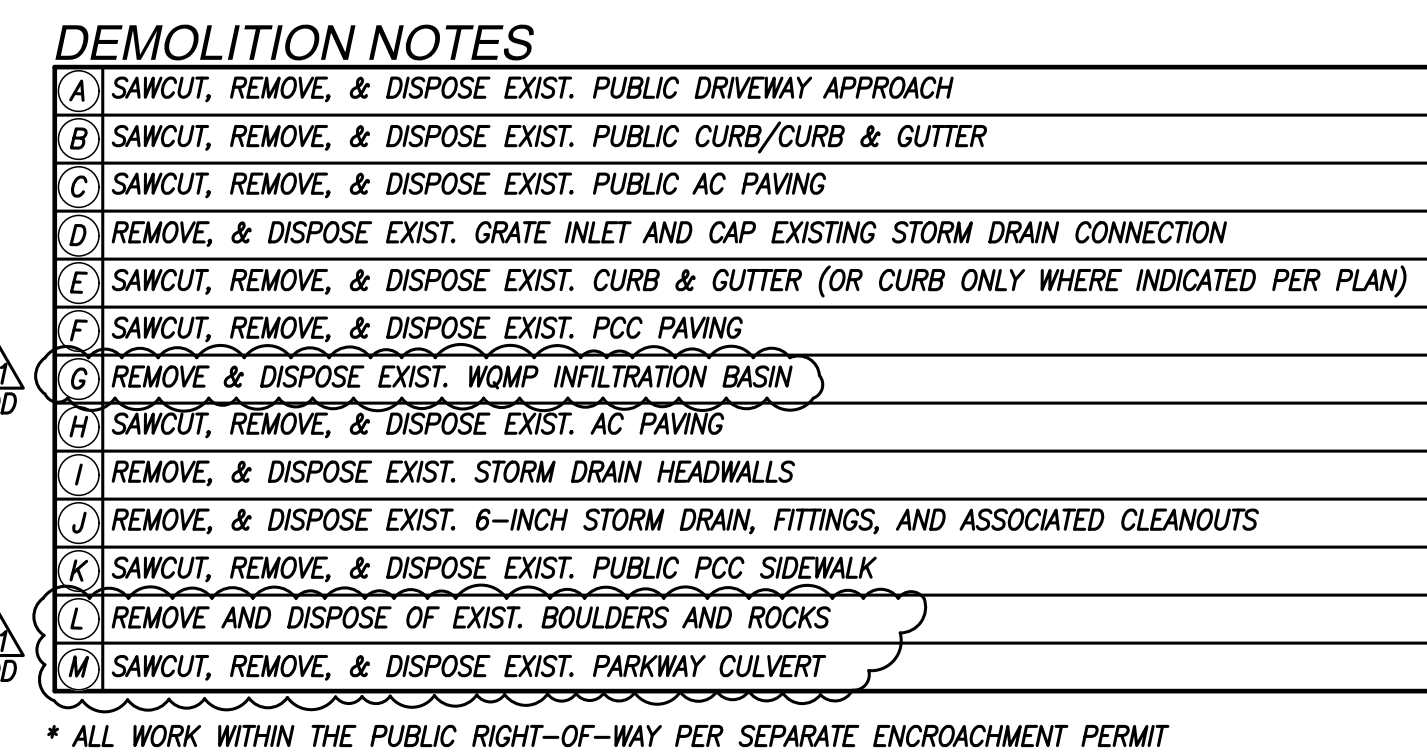
BOARD OF EDUCATION - NEW PARKING LOT

746 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

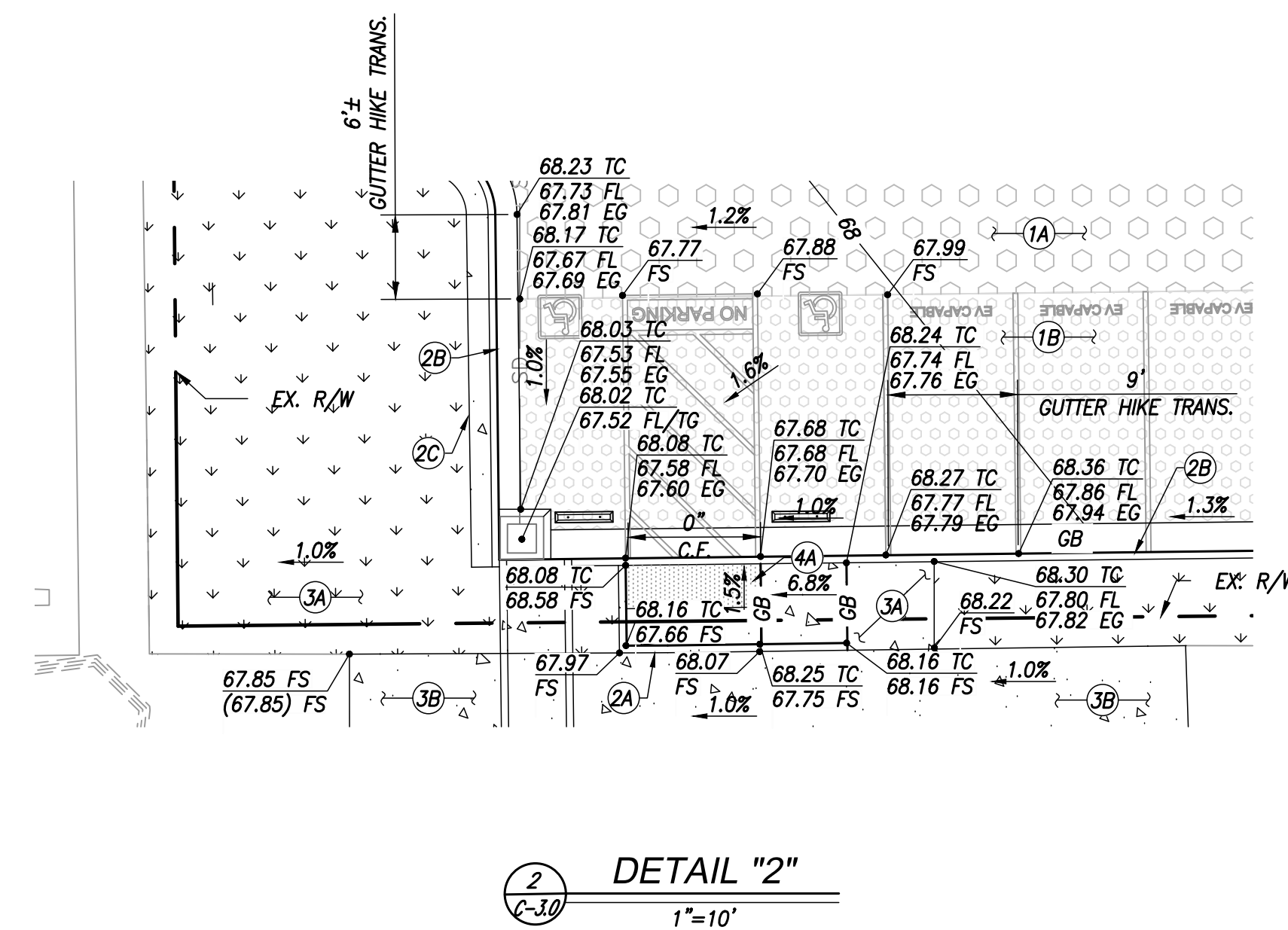
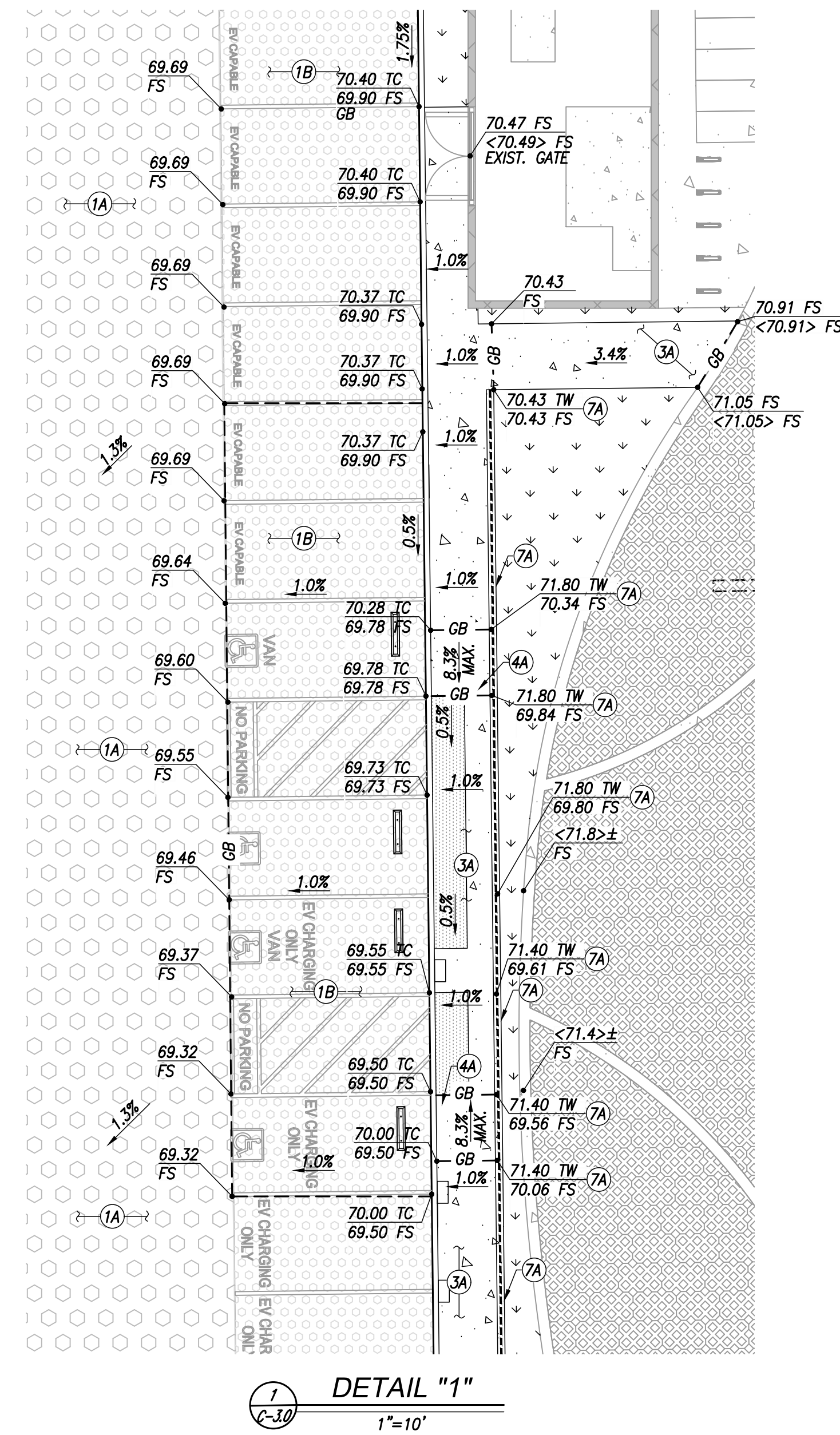
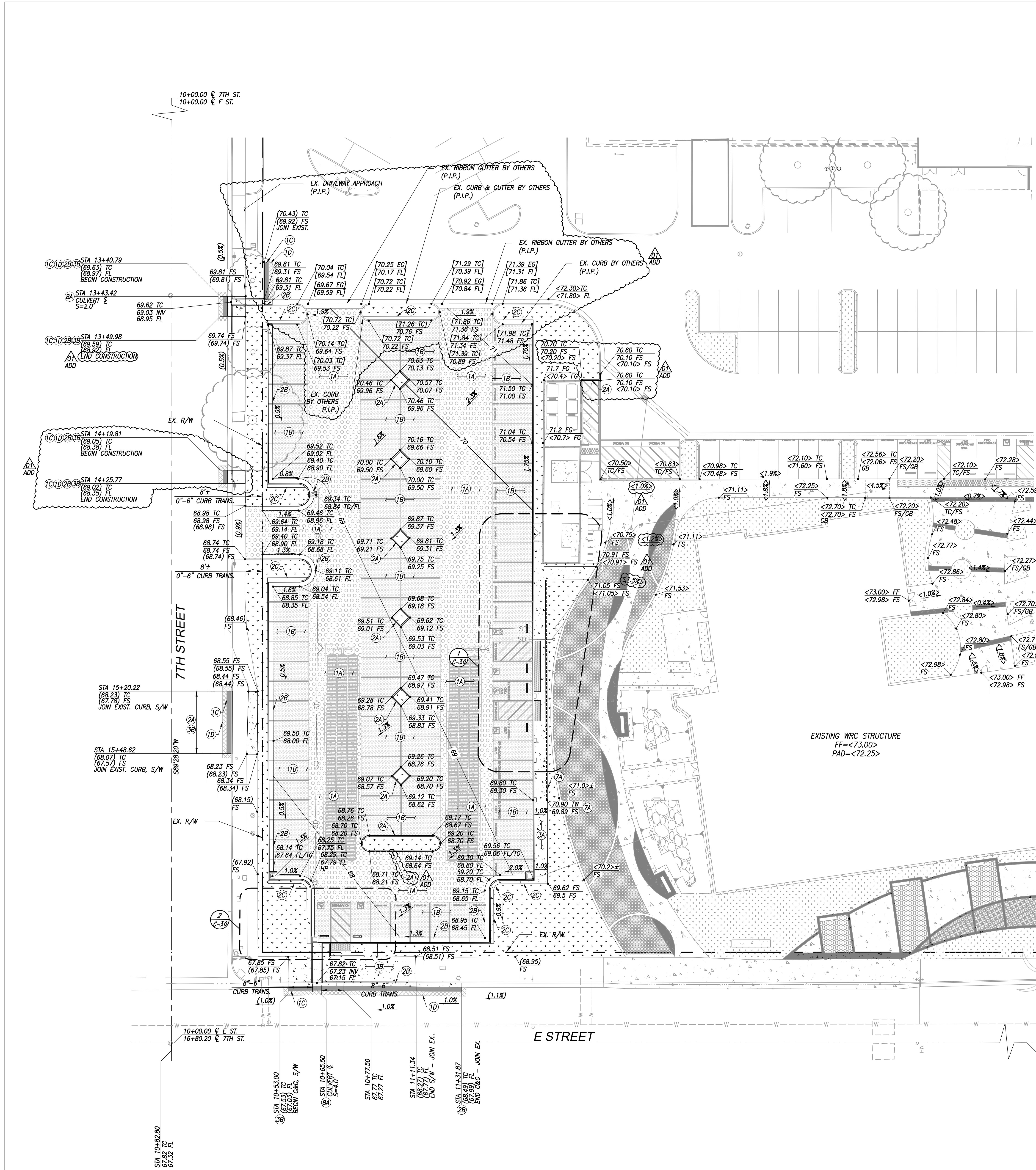
TITLE SHEET

C-1.0









#### CONSTRUCTION NOTES

- 1A) CONSTRUCT 4.5" AC OVER 11.5" AGGREGATE BASE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS (DRIVING COURSE)
  - 1B) CONSTRUCT 4.0" AC OVER 7.5" AGGREGATE BASE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS (PARKING COURSE)
  - 1C) CONSTRUCT 2" WIDE FULL DEPTH AC REPLACEMENT PER DETAIL "A" ON SHEET C-3.1
  - 1D) CONSTRUCT 2" GRIND AND OVERLAY AT 2" MINIMUM WIDTH PER DETAIL "D" ON SHEET C-3.1
  - 2A) CONSTRUCT TYPE "A" PCC CURB PER CITY OF SAN BERNARDINO STANDARD PLAN NO. 200 (CURB HEIGHT PER PLAN)
  - 2B) CONSTRUCT TYPE "C" PCC CURB & GUTTER PER CITY OF SAN BERNARDINO STANDARD PLAN NO. 200 (CURB HEIGHT PER PLAN)
  - 2C) CONSTRUCT 18" WIDE CURB LANDING PER DETAIL "B" ON SHEET C-3.1
  - 3A) CONSTRUCT 4" PCC PAVEMENT OVER PREPARED SUBGRADE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS
  - 3B) CONSTRUCT PUBLIC PCC SIDEWALK PER CITY OF SAN BERNARDINO STANDARD NO. 202
  - 4A) CONSTRUCT DETECTABLE WARNING SURFACE PER ARCHITECTURAL DETAIL 10/ASD-1
  - 7A) CONSTRUCT STEM WALL PER DETAIL "D" ON SHEET C-3.1
  - 8A) CONSTRUCT PARKWAY CULVERT NO. 1 (INLET TYPE II) PER CITY OF SAN BERNARDINO STANDARD PLAN NO. 400
- \* ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY PER SEPARATE ENCROACHMENT PERMIT

STAMPS

**RICK**

1770 IOWA AVENUE, SUITE 100  
RIVERSIDE, CA 92507

951-782-0707  
rickengineering.com

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO  
SAN LUIS OBISPO SANTA CLARITA PHOENIX  
TUCSON LAS VEGAS DENVER

CONSULTANT BRANDING

AGENCY APPROVAL

\_\_\_\_\_  
DATE: 8/22/2025

**RUHNAU  
CLARKE  
ARCHITECTS**

PROJECT No. : 1-78-13  
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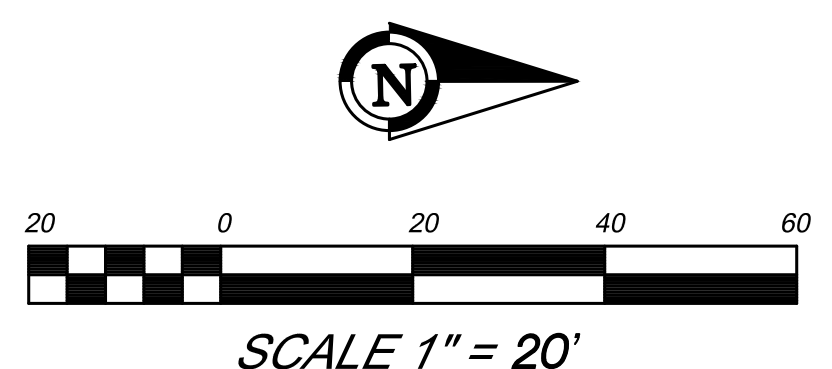
3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 584-4664 / 3753 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92008 (760) 438-5999

**BOARD OF EDUCATION - NEW PARKING**

**PRECISE GRADING PLAN**

**C-3.0**

746 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

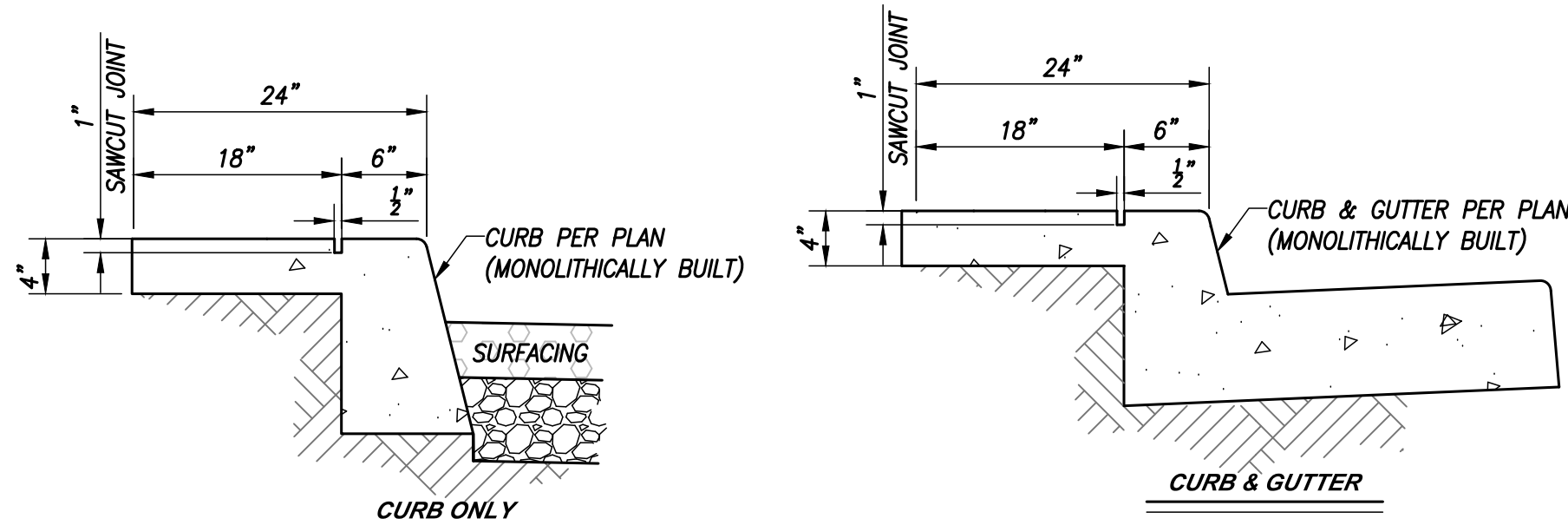




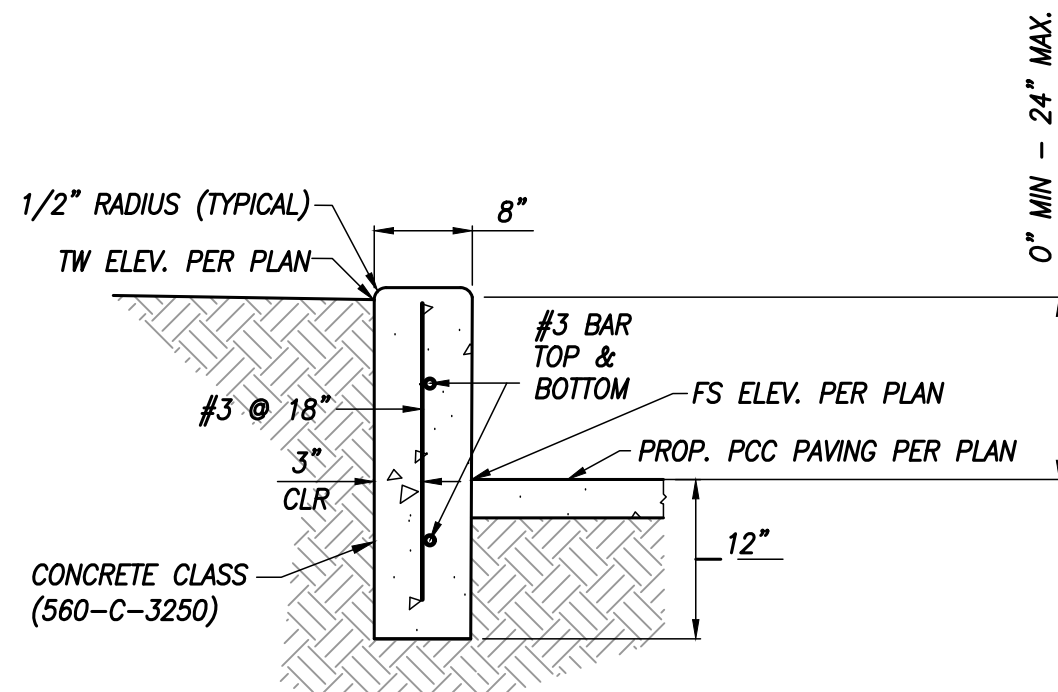
CONSTRUCTION NOTES

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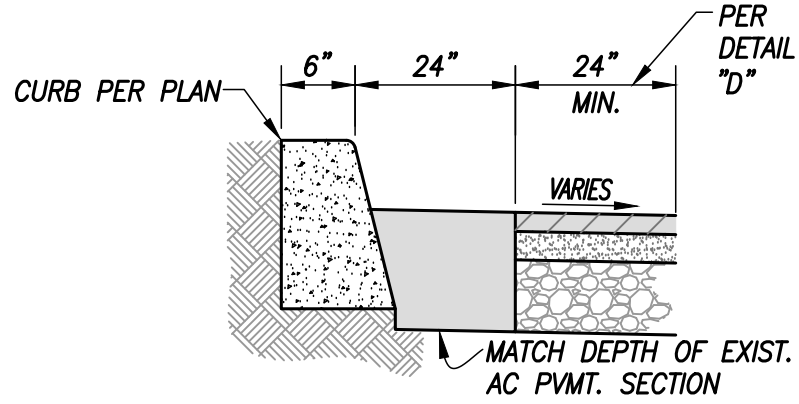
\* ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY PER SEPARATE ENCROACHMENT PERMIT



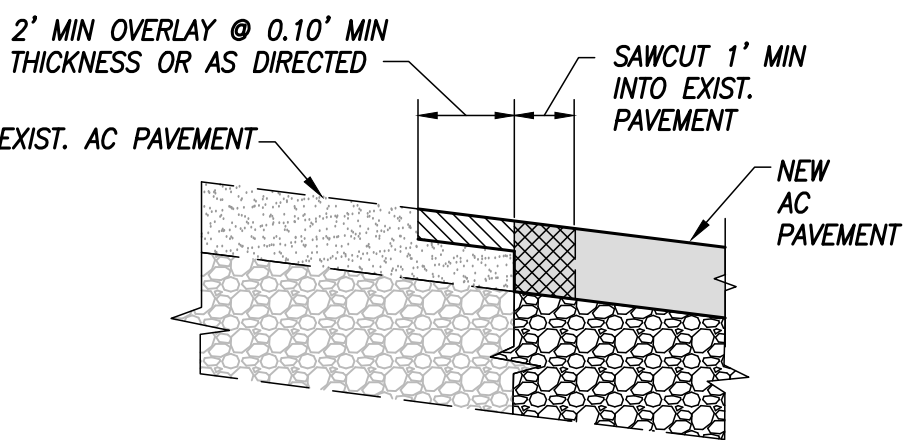
DETAIL "B"  
CURB LANDING  
NTS



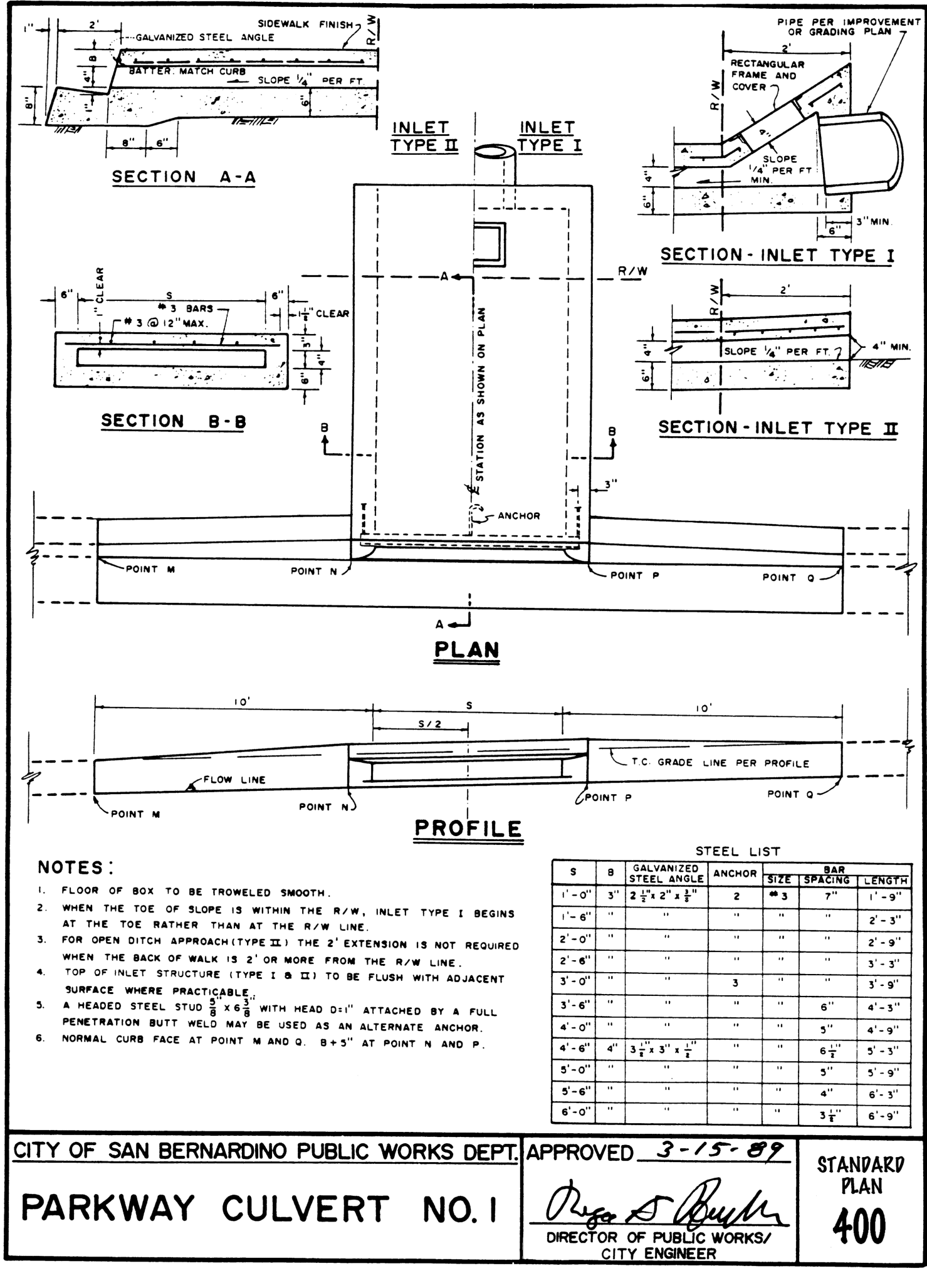
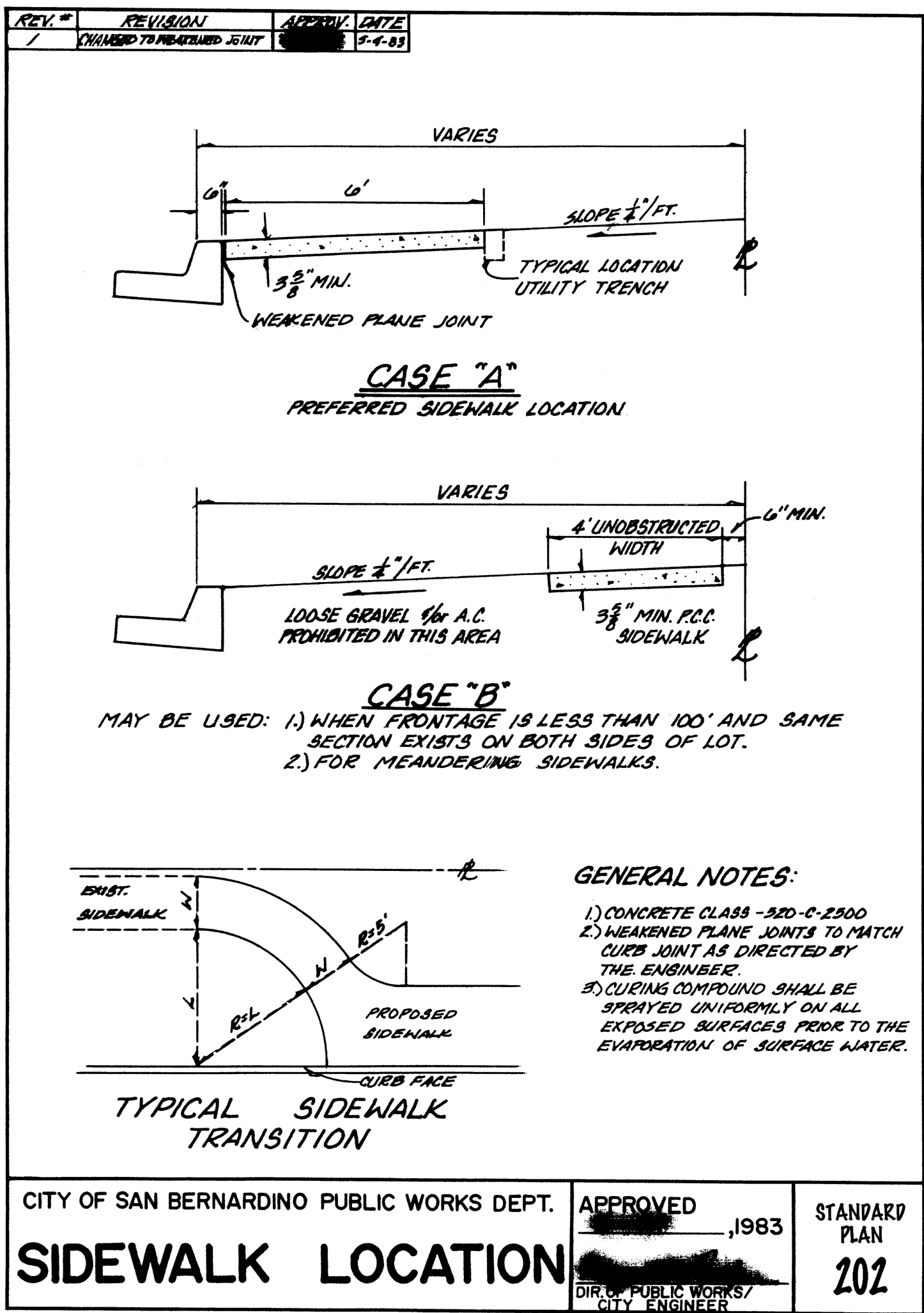
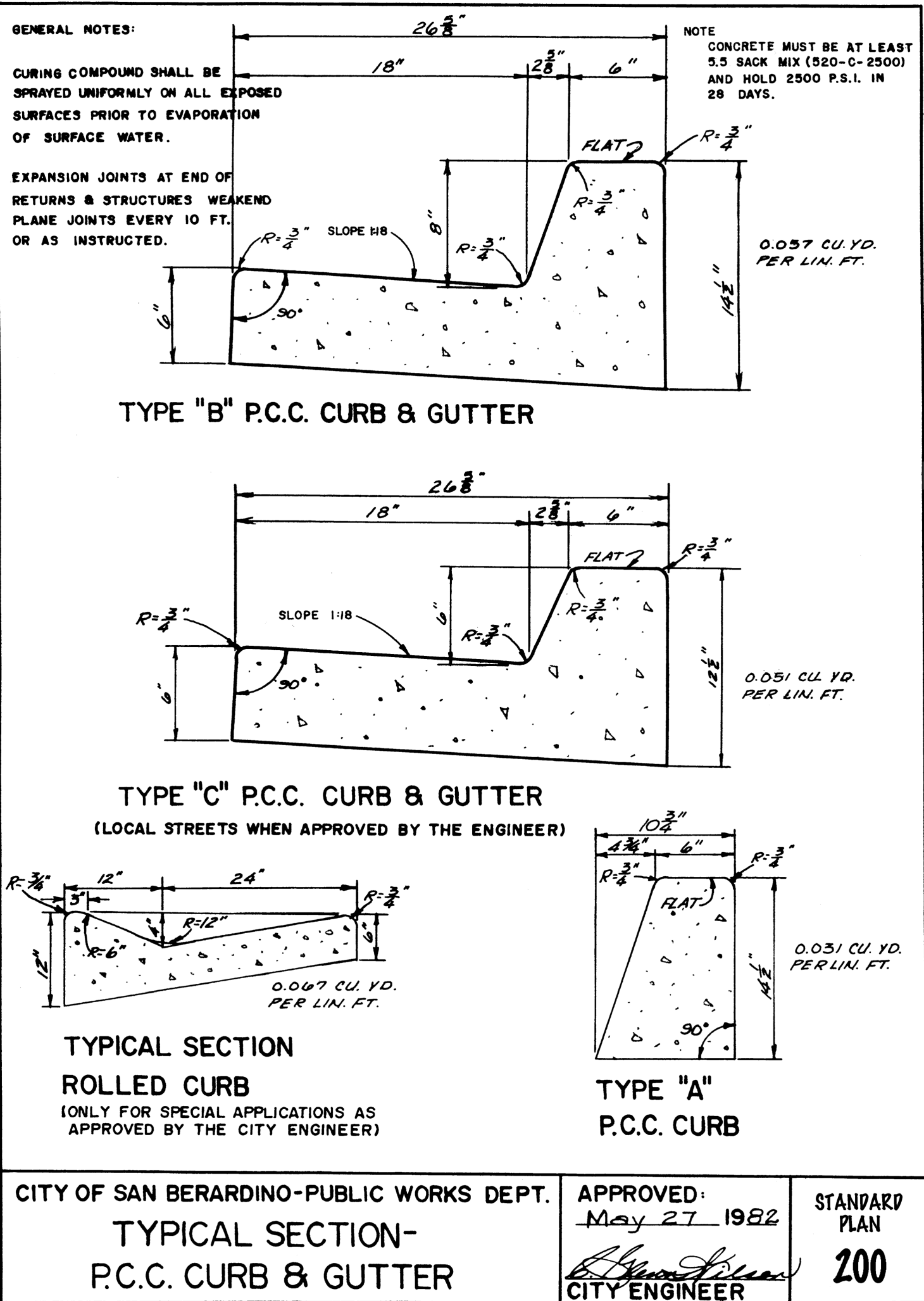
DETAIL "D"  
STEM WALL  
NTS



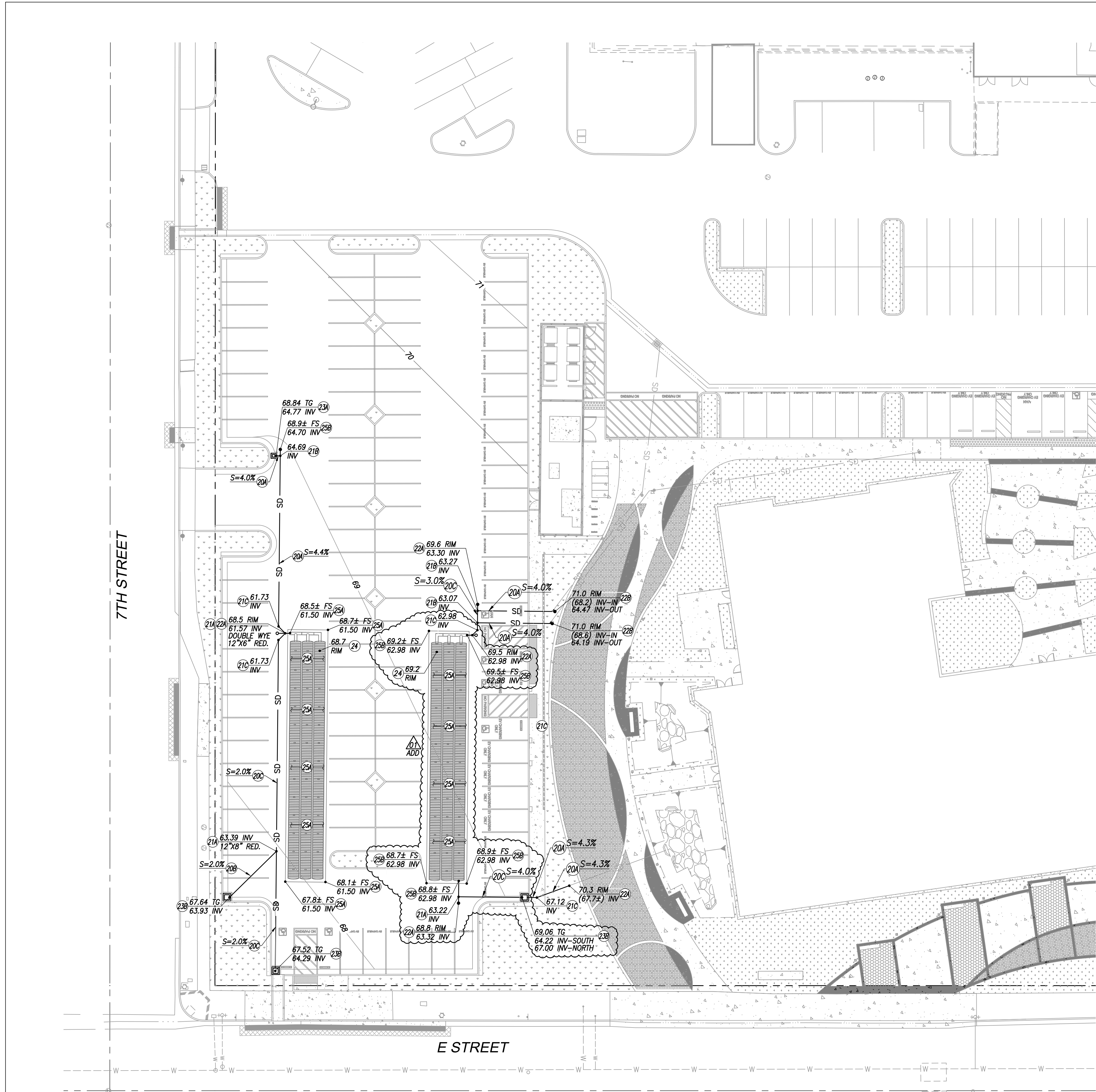
FULL DEPTH AC REPLACEMENT DETAIL "A"  
NTS



AC JOIN DETAIL "D"  
NTS





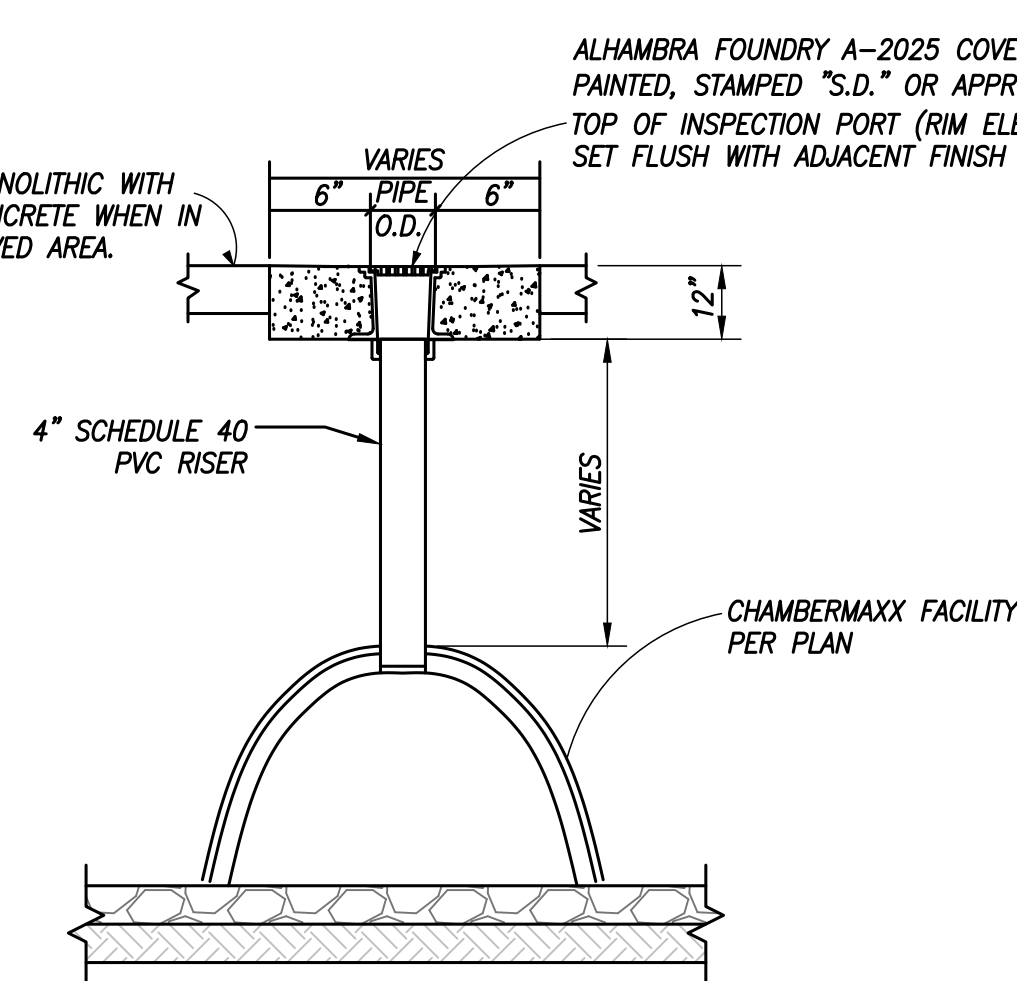
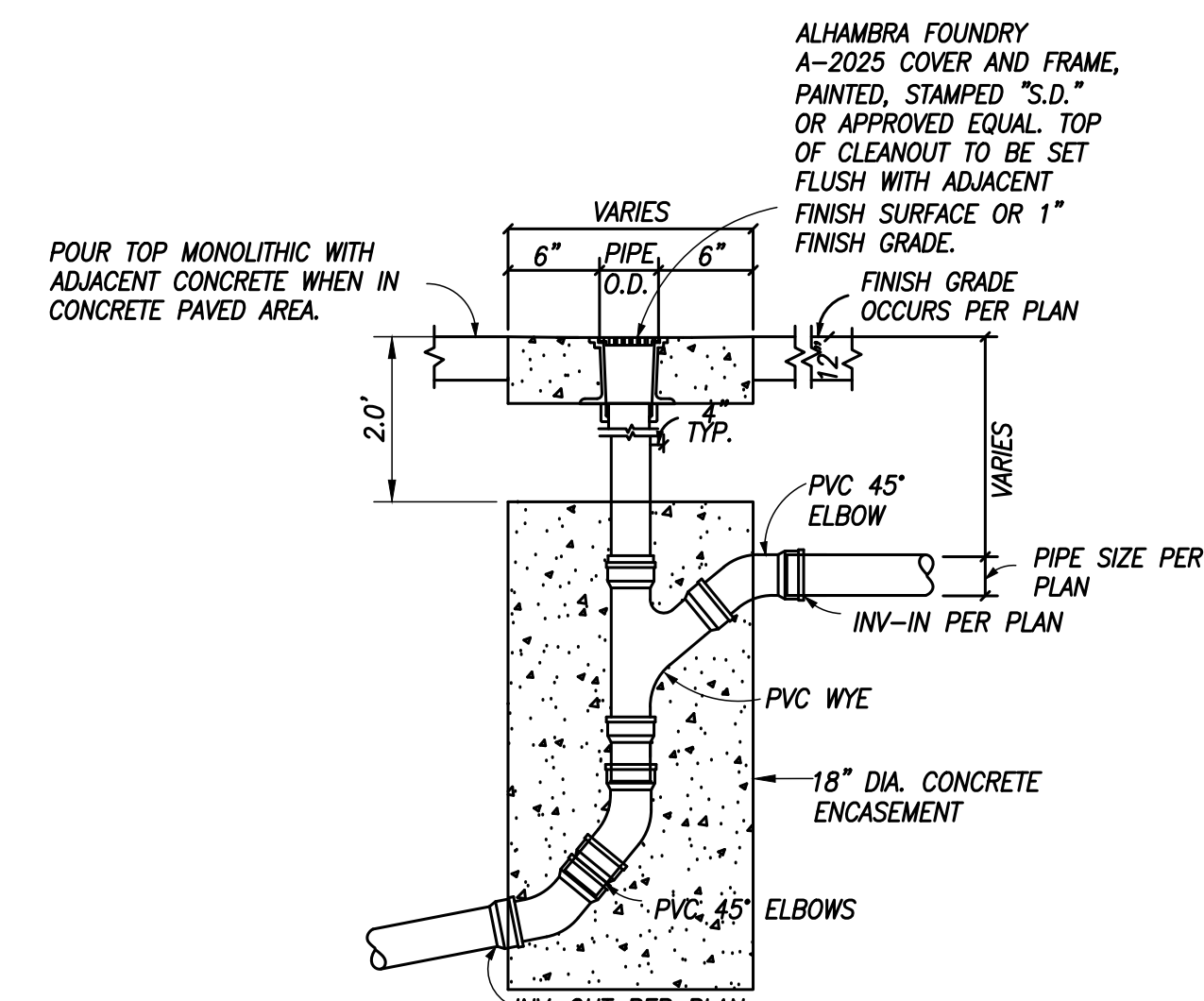
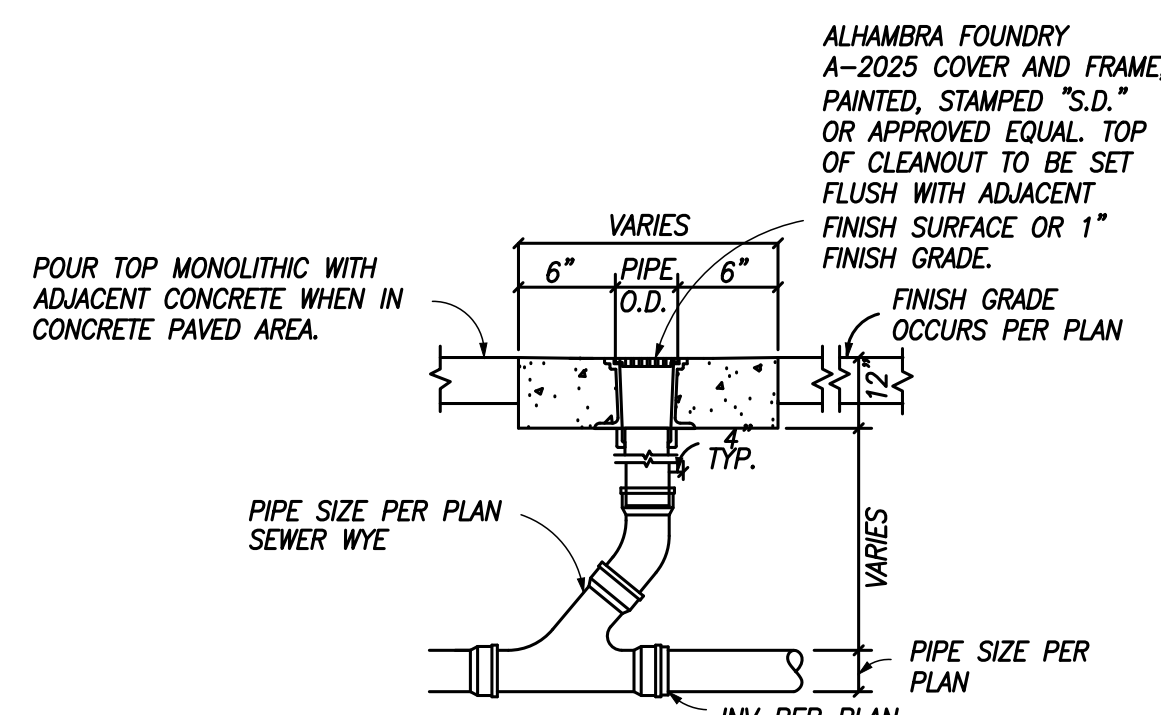
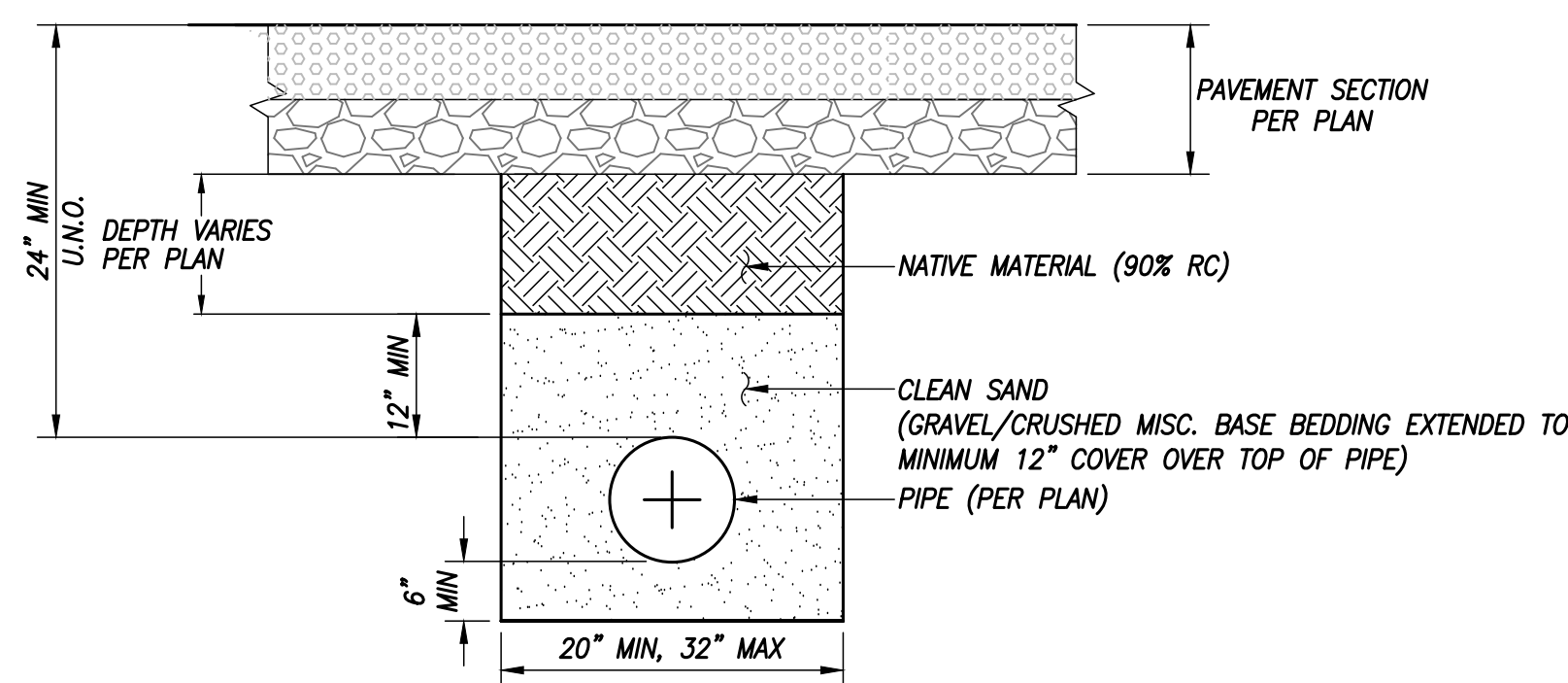


STORM DRAIN NOTES

- 204 CONSTRUCT 6" PVC (SDR 35) STORM DRAIN IN TRENCH BEDDING PER DETAIL A/C4.0
- 208 CONSTRUCT 8" PVC (SDR 35) STORM DRAIN IN TRENCH BEDDING PER DETAIL A/C4.0
- 210 CONSTRUCT 12" PVC (SDR 35) STORM DRAIN IN TRENCH BEDDING PER DETAIL A/C4.0
- 21A CONSTRUCT PVC (SDR 35) STORM DRAIN WYE
- 21B CONSTRUCT PVC (SDR 35) STORM DRAIN TEE
- 21C CONSTRUCT PVC (SDR 35) STORM DRAIN ELBOW
- 22A CONSTRUCT STORM DRAIN CLEANOUT PER DETAIL B/C4.0
- 22B CONSTRUCT STORM DRAIN DROP CLEANOUT PER DETAIL C/C4.0
- 23A CONSTRUCT 12"x12" BROOKS PRODUCTS CATCH BASIN (OR APPROVED EQUAL) PER DETAIL D/C4.0
- 23B CONSTRUCT 24"x24" BROOKS PRODUCTS CATCH BASIN (OR APPROVED EQUAL) PER DETAIL D/C4.0
- 24 CONSTRUCT CHAMBERMAXX INSPECTION PORT PER DETAIL E/C4.0
- 24A CONSTRUCT CHAMBERMAXX UNDERGROUND INFILTRATION FACILITY PER DETAIL F/C4.1

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DELTA #	02	ADD	
DELTA #	03	ADD	
DELTA #	04	ADD	

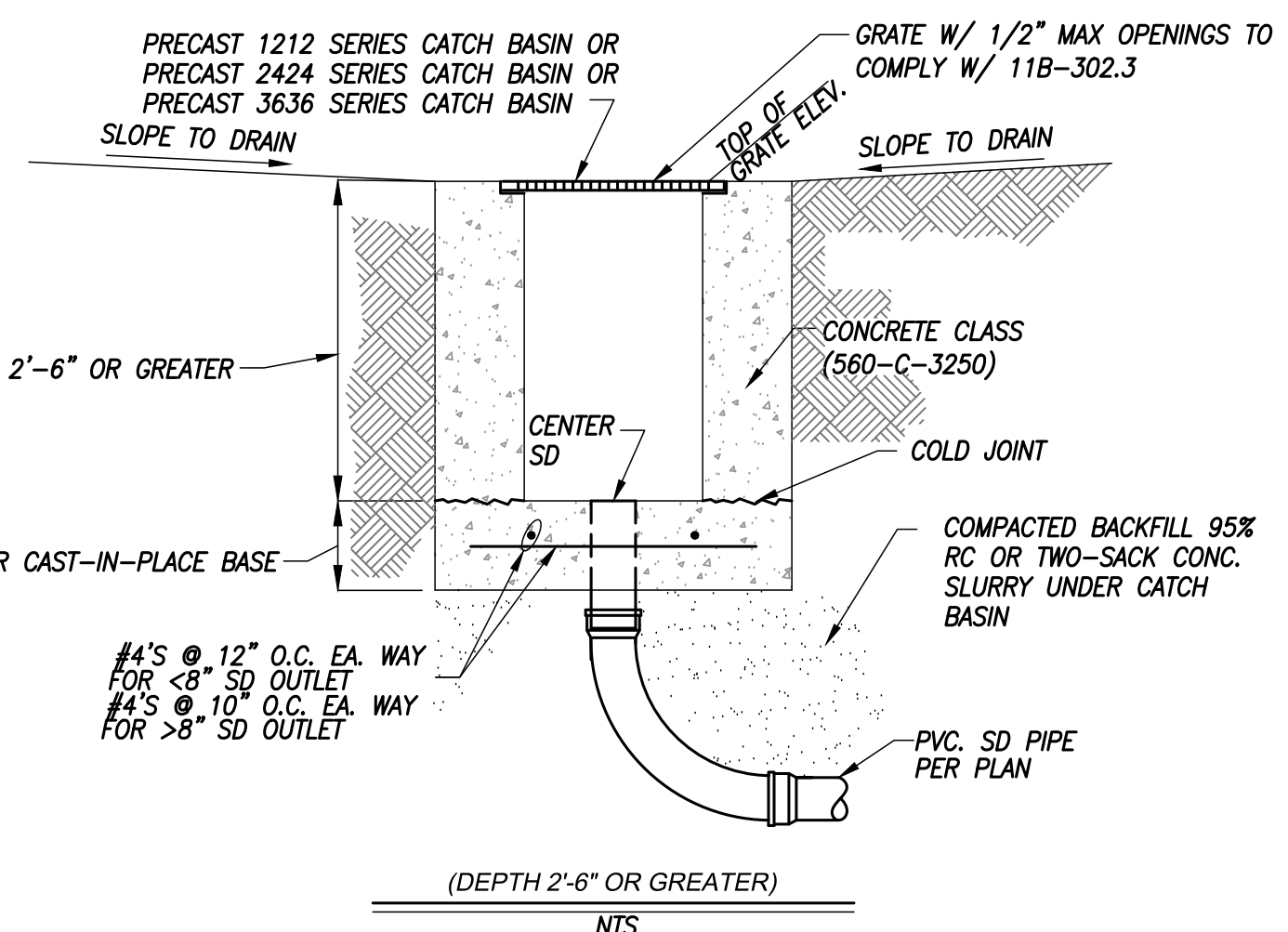
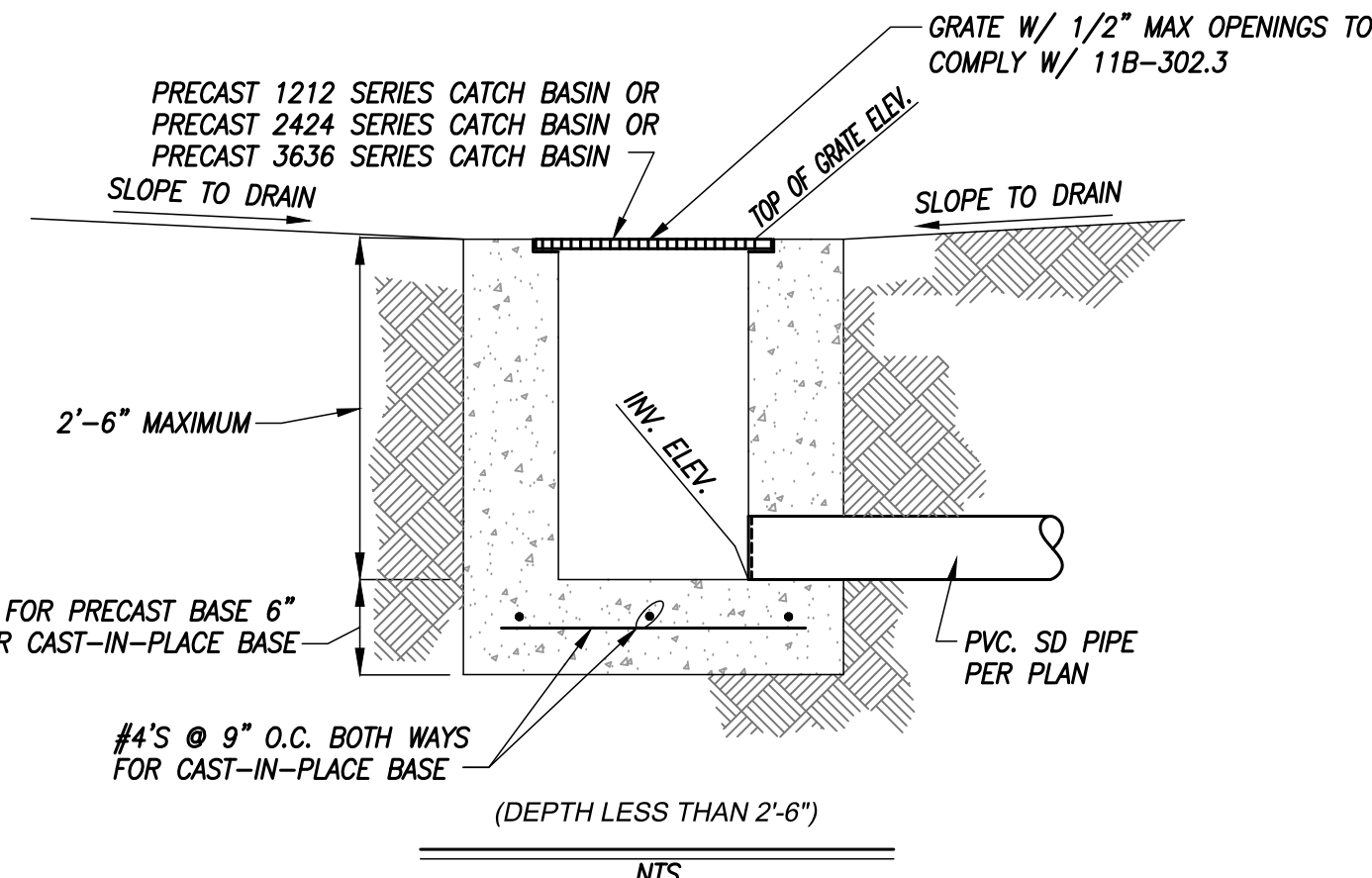
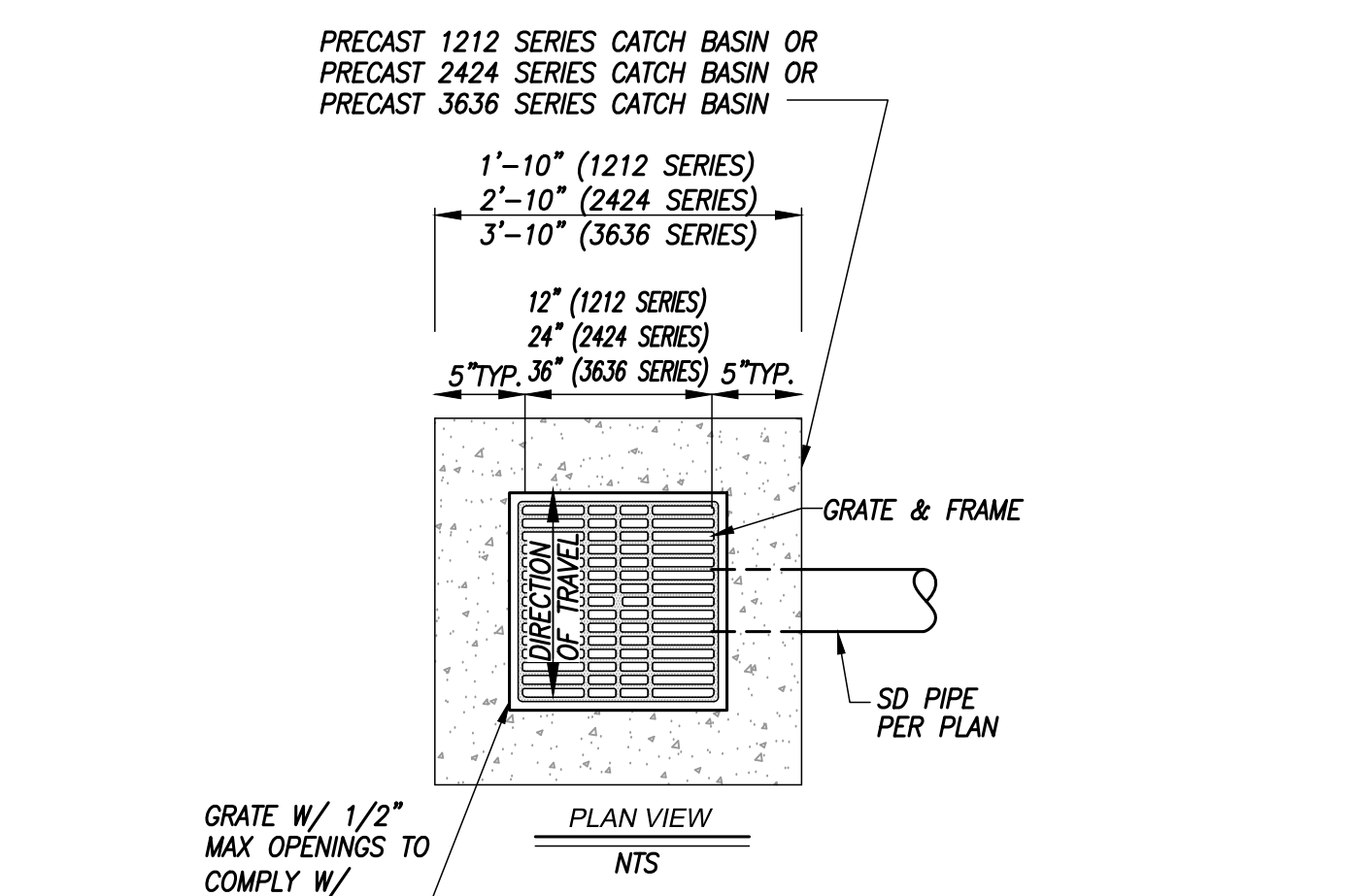


STAMPS

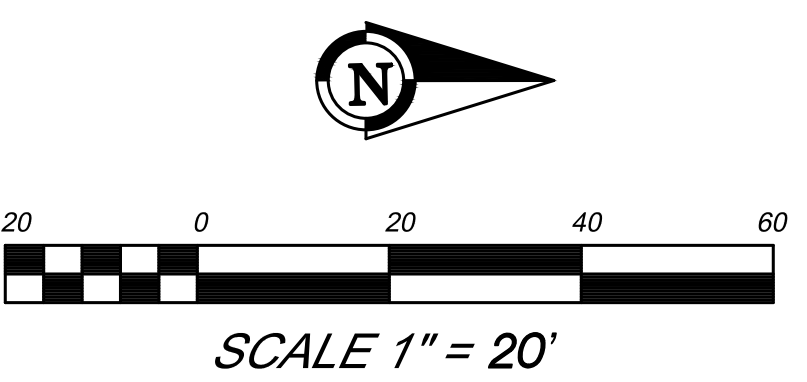
**RICK**  
1770 IOWA AVENUE, SUITE 100  
RIVERSIDE, CA 92507  
951-782-0707  
rickengineering.com

CONSULTANT BRANDING

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DETAIL "D"  
CATCH BASIN  
NTS



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BOARD OF EDUCATION - NEW PARKING LOT

STORM DRAIN PLAN

C-4.0









SAN DIEGO ORANGE RIVERSIDE SACRAMENTO  
SAN LUIS OBISPO SANTA CLARITA PHOENIX  
TUCSON LAS VEGAS DENVER

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## C-4.2







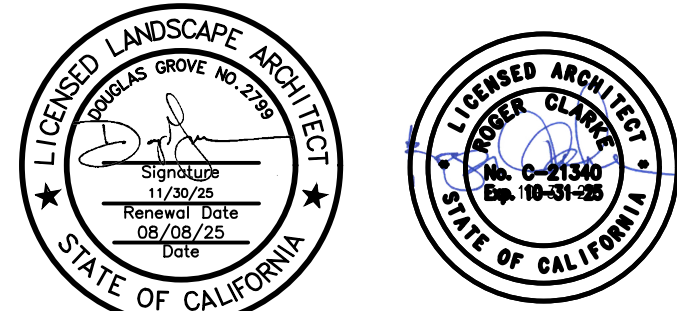
SOILS REPORT NOTES :

- \* REFER TO SOILS REPORT PER SPECIFICATIONS FOR SOIL TEST REQUIREMENTS. BID DOCUMENT SOILS REPORT RECOMMENDATIONS TO TAKE PRECEDENCE OVER PLANTING SPECIFICATION CALLOUTS.
- \* REFER TO PLANTING DETAIL SHEET LP2.1 DETAIL 'D' FOR SOIL MANAGEMENT PLAN REQUIREMENTS.
- \* CONTRACTOR SHALL CONDUCT ADDITIONAL AGRONOMIC SOILS REPORT PRIOR TO SOIL AMENDMENT BUT AFTER BUILDING CONSTRUCTION HAS REACHED SUBSTANTIAL COMPLETION. RECOMMENDATIONS FROM POST-CONSTRUCTION SOILS REPORT SHALL TAKE PRECEDENCE OVER BID DOCUMENT REPORT.

PLANTING NOTES

- NOTES :
1. CONTRACTOR SHALL TAKE SPECIAL CARE DURING CONSTRUCTION TO LOCATE AND PROTECT ALL EXISTING PLANT MATERIAL AND IRRIGATION LOCATED OUTSIDE OF LIMIT OF WORK AREA.
  2. CONTRACTOR SHALL AMEND SOILS PER AGRONOMIC SOILS REPORT TO BE COMMISSIONED BY CONTRACTOR. CONTRACTOR TO SUBMIT A COPY OF THE SOILS REPORT TO THE OWNER.
  3. ALL PLANT MATERIAL TO BE 'RETAIL NURSERY' SIZE AND QUALITY.
  4. CONTRACTOR SHALL SUBMIT PHOTOS OF PLANT MATERIAL TO OWNER'S REPRESENTATIVE AT LEAST 90 DAYS PRIOR TO DELIVERY AND INSTALLATION.
  5. 60 DAYS (MINIMUM) PRIOR TO PLANTING, CONTRACTOR TO VERIFY SOIL DEPTH FROM FINISH GRADE TO TOP OF ANY UNDERGROUND PIPING OR UTILITY WITHIN APPROXIMATELY 5' OF ALL TREES IS ADEQUATE FOR PROPOSED BOX SIZE.
  6. THE INDIVIDUAL SYMBOLS AND/OR QUANTITIES ARE SHOW FOR REFERENCE ONLY. THE ON-CENTER SPACING SHOWN SHALL TAKE PRECEDENCE OVER THE ACTUAL SYMBOLS SHOWN. CONTRACTOR TO VERIFY QUANTITIES BASED ON SPACING AND ADD ADDITIONAL PLANT MATERIAL, AT NO ADDITIONAL COST TO THE OWNER, AS REQUIRED TO MAINTAIN DESIGN INTENT DUE TO FINAL SITE DESIGN CONDITIONS NOT ANTICIPATED DURING DESIGN.CONTRACTOR TO SPOT PLANT MATERIAL AND LANDSCAPE ARCHITECT TO APPROVE FINAL LAYOUT IN FIELD PRIOR TO INSTALLATION.
  7. CONTRACTOR SHALL INSTALL JUTE NETTING ON ALL SLOPES 2:1 OR GREATER. "GEO-JUTE," SMOLDER RESISTANT OR APPROVED EQUAL. JUTE SHALL BE 48" WIDE WITH A WEIGHT OF .97 POUNDS PER LINEAR YARD. CONTRACTOR SHALL INSTALL A 3" LAYER OF MULCH IN ALL NEW SHRUB AREAS (1'-1/2" IN GROUND COVER AREAS). MULCH SHALL BE MEDIUM BARK WOOD FIBER MATERIAL RANGING IN 1'-2" IN SIZE AS MADE BY SO CAL MULCH INC, MENIFEE, CA, (951) 246-8081 (OR EQUAL). SUBMIT SAMPLE OF ANY ALTERNATIVE EQUAL MATERIAL PRIOR TO PURCHASE AND/OR PLACEMENT FOR LANDSCAPE ARCHITECT'S APPROVAL.

- TREE NOTES:
- ALL TREES WITHIN 5' OF HARDSCAPE ARE TO RECEIVE ROOTBARRIER, PER DETAIL '4', SHEET LP2.1 ROOTBARRIERS SHALL NOT ENCIRCLE THE TREE ROOTBALL BUT SHALL BE LOCATED AT EDGE OF HARDSCAPE AND EXTEND BEYOND THE CENTER OF THE TREE A MINIMUM OF 5' IN EACH DIRECTION.
  - TREES ARE SHOWN FOR APPROXIMATE LOCATION ONLY. CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL NECESSARY CLEARANCES FROM DRIVEWAYS, FIRE HYDRANTS, STREET LIGHTS, BACK OF WALKS, UTILITIES, ETC. FINAL TREE PLACEMENT PER DIRECTION OF LANDSCAPE ARCHITECT OR DISTRICT INSPECTOR.
  - CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL NEW & EXISTING UTILITIES LINES AND MAINTAIN A MINIMUM 3' HORIZONTAL DISTANCE BETWEEN THE UTILITY AND EDGE OF TREE ROOTBALL.
  - CONTRACTOR SHALL FIELD VERIFY LOCATION OF SEWER AND STORM DRAIN LINES AND MAINTAIN A MINIMUM 5' HORIZONTAL DISTANCE BETWEEN SEWER AND STORM DRAIN LINES AND EDGE OF TREE ROOTBALL.
  - CONTRACTOR TO REMOVE ALL NURSERY STAKES AND REPLACE WITH LODGE POLE STAKES PER DETAIL '5' SHEET LP2.1.



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POINT OF CONNECTION

MAKE POINT OF CONNECTION AT MAINLINE STUB-OUT ADJACENT TO SIDEWALK ON E STREET. TWELVE CONTROL WIRES ARE PROVIDED FOR USE ON THE PARKING LOT IRRIGATION VALVES. EXTEND MAIN LINE TO VALVES AS SHOWN. ALL IRRIGATION SHALL BE LOCATED IN THE SHRUB PLANTING AREA.

EXISTING POTABLE WATER IRRIGATION CONNECTION APPROX. STATIC PRESSURE: 82 PSI

STATIC PRESSURE BASED ON THE INFORMATION OBTAINED FROM SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.

IRRIGATION EQUIPMENT LIST

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	DETAIL
	RAIN BIRD R004-S-P0PUP FLOOD 1401 FLOOD BUBBLER 4" POPUP WITH CHECK VALVE AND PRESSURE REGULATOR.	30	A/LI-2.2
	RAIN BIRD RWS-B-C-SOCK ROOT WATERING SYSTEM. CHECK VALVE, AND SAND SOCK.	30	B/LI-2.2
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		DETAIL
	RAIN BIRD XCZ-100-PRB-COM DRIP CONTROL KIT, 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40PSI BASKET FILTER.		E/LI-2.1
	FLUSH VALVE 3/4" PVC BALL VALVE IN 10" ROUND VALVE BOX.		D/LI-2.2
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFS-CV-06-18 XFS-CV SUB-SURFACE DRIPLINE, 0.6 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. USE XF INSERT FITTINGS. BURY TUBING 3" BELOW GRADE.		C/LI-2.2
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		DETAIL
	RAIN BIRD PESB-PRS-D CONTROL VALVE WITH PRESSURE REGULATING MODULE		D/LI-2.1
	CONTROLLER ASSEMBLY RELOCATE THE EXISTING TOP ENTRY STAINLESS STEEL PEDESTAL. INSTALL ADDITIONAL ELECTRICAL CONDUIT AND CONDUCTORS TO NEW LOCATION.		J/LI-2.1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40		A/LI-2.1
	IRRIGATION MAINLINE: PVC SCHEDULE 40		A/LI-2.1
	PIPE SLEEVE: PVC SCHEDULE 40 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL TWICE THE DIAMETER OF THE IRRIGATION PIPING OR WIRE BUNDLE. EXTEND SLEEVES 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.		B/LI-2.1
	Valve Callout # Value Number # Value Flow # Value Size		
	EXISTING SITE IRRIGATION: CONTRACTOR SHALL ADJUST AND/OR MODIFY THE EXISTING IRRIGATION CONNECTED TO THE WELCOME CENTER THAT IS AFFECTED BY THE CONSTRUCTION OF THE NEW PARKING LOT. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING CONTROL VALVES, SPRINKLERS AND WATER SUPPLY LINES. IRRIGATION RESTORATION WORK MAY INCLUDE CUT/CAP OF LATERAL PIPE(S), RELOCATION OF EXISTING SPRINKLERS, INSTALLATION OF NEW SPRINKLERS TO MAINTAIN IRRIGATION COVERAGE OF EXISTING LANDSCAPE AND/OR REPLACEMENT OF EXISTING EQUIPMENT DAMAGED BY THE NEW CONSTRUCTION.		

W 7TH ST

(N) PUBLIC SAFETY CENTER AUXILIARY PARKING LOT A

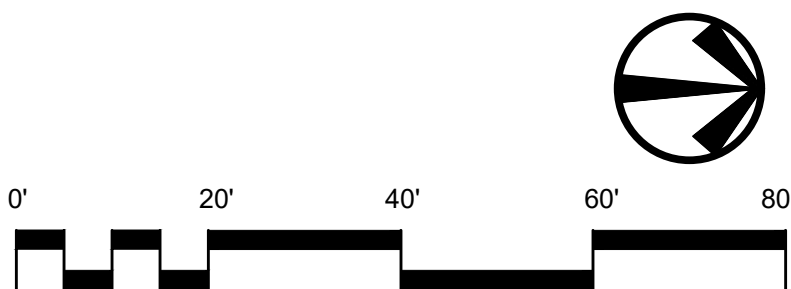
RELOCATION OF IRRIGATION CONTROLLER.

N E ST

APPROXIMATE LOCATION OF IRRIGATION STUB-OUT AND CONTROL WIRES.

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONTAINER	WUCOLS	
TREES					
	2	LAGERSTROEMIA 'NATCHEZ' / MULTI TRUNK CRAPE MYRTLE	24"BOX	MODERATE	
	8	PISTACIA CHINENSIS / CHINESE PISTACHE	24"BOX	MODERATE	
	8	QUERCUS ILEX / HOLLY OAK	24"BOX	LOW	
SYMBOL	QTY	BOTANICAL / COMMON NAME	CONTAINER	WUCOLS	SPACING
SHRUBS					
	50	CAREX PRAEGRACILIS / CALIFORNIA FIELD SEDGE	5 GAL	MODERATE	48" o.c.
	46	DIANELLA CAERULEA 'DBB03' / CASSA BLUE™ FLAX LILY	5 GAL	MODERATE	36" o.c.
	67	HESPERALOE PARVIFLORA 'PERPA' / BRAKELIGHTS® RED YUCCA	5 GAL	LOW	36" o.c.
	26	LANTANA MONTEVIDENSIS 'ALBA' / WHITE TRAILING LANTANA	5 GAL	MODERATE	60" o.c.
	19	LEUCOPHYLLUM FRUTESCENS 'GREEN CLOUD' / GREEN CLOUD TEXAS SAGE	5 GAL	LOW	48" o.c.
	66	MUHLENBERGIA DUBIA / PINE MUHLY	5 GAL	MODERATE	36" o.c.
	177	ROSA X 'NOASCHNEE' / FLOWER CARPET® WHITE GROUND COVER ROSE	5 GAL	LOW	48" o.c.
	3	YUCCA PALLIDA / PALE-LEAF YUCCA	5 GAL	LOW	36" o.c.
SYMBOL		BOTANICAL / COMMON NAME			
GROUND COVERS					
		EXISTING LANDSCAPE / PROTECT IN PLACE			



N:\Projects\227163\_SBD\USD Parent\_WRC & Public\_Safety\_Building\AutoCAD\SHA\CD\_WRC\_Parking Lot\22163\_WRC\_PL\_P0.dwg

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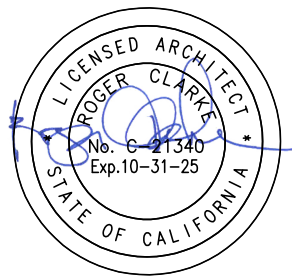
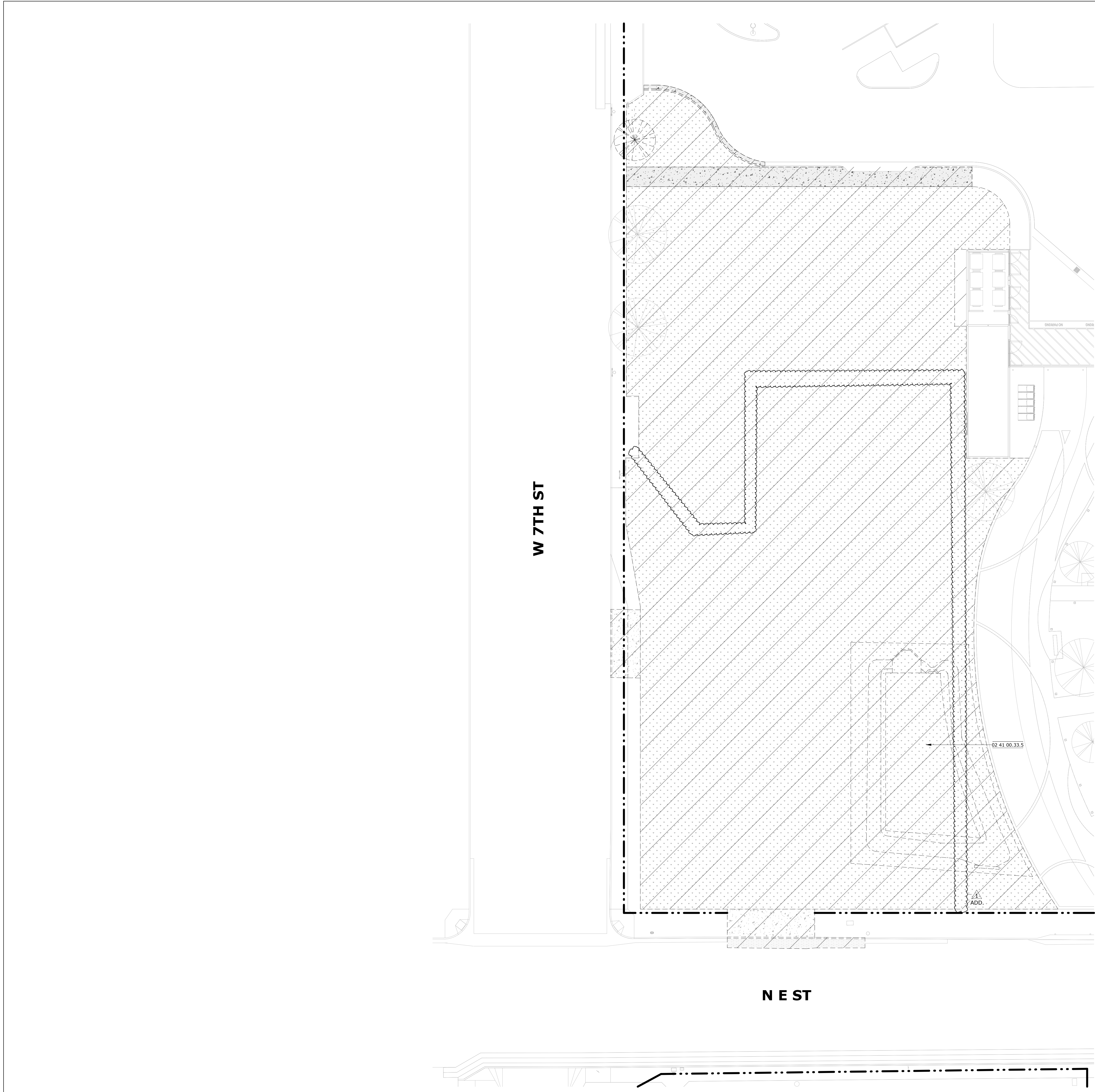
BOARD OF EDUCATION - LANDSCAPING AT  
NEW PARKING LOT

LANDSCAPE  
CONCEPT PLAN

701 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

LP-1.0





AGENCY APPROVAL  
(100 No.)

STAMPS

RUHNAU  
CLARKE  
ARCHITECTS

CONSULTANT BRANDING

### GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. AREAS OF WORK OUTSIDE OF PROPERTY LINE BOUNDARY TO BE PROVIDED UNDER SEPARATE PERMIT THROUGH LOCAL AUTHORITY HAVING JURISDICTION (AHL).

### KEYNOTES

02 41 00.33.5 DEMO AND DISPOSE EXISTING INTERIM SEDEMENT BASIN, REFER TO CIVIL DWGS

### LEGEND

- EXISTING CONCRETE PAVING TO BE REMOVED
- EXISTING ASPHALT TO BE REMOVED
- EXISTING LANDSCAPE TO BE REMOVED
- DEMO (E) TREES
- SITE PROPERTY LINE

PROJECT No. :  
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SITE DEMOLITION PLAN

SCALE: 1/16" = 1'-0"

1

BOARD OF EDUCATION - NEW PARKING LOT

DEMOLITION SITE PLAN

AS-1.0

701 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

BOARD OF EDUCATION - NEW PARKING LOT:



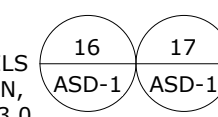


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ARCHITECTS

## GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. AREAS OF WORK OUTSIDE OF PROPERTY LINE BOUNDARY TO BE PROVIDED UNDER SEPARATE PERMIT THROUGH LOCAL AUTHORITY HAVING JURISDICTION (AHJ).

## LEGEND



CONCRETE PAVING, SEE DETAILS  
FOR ADDITIONAL INFORMATION,  
SEE CIVIL DRAWING SHEET C-3.0

ASPHALT PAVING, SEE CIVIL  
DRAWING SHEET C-3.0

LANDSCAPE PER LANDSCAPE DRAWING

— • • — SITE PROPERTY LINE

— — SCOPE OF WORK LIMIT

- (N) PATH OF EGRESS TO WRC/ PSC

— (E) PSC A# 04-124522 PATH OF EGRESS

- - - - - (E) WRC PATH OF EGRESS, SEE CIVIL DRAWING SHEET C-3.0

..... (N) PROPOSED PUBLIC RIGHT OF WAY

**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:**  
 THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. THE P.O.T. HAS REVIEWED THE PROJECT FOR COMPLIANCE WITH THE DISCRETE ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE ONE COMPLIANT 1.) HAVE BEEN IDENTIFIED AND 2.) THE CORRECTIVE WORK NECESSARY TO BRING THE ENTIRE PROJECT INTO COMPLIANCE WITH THE CURRENT CALIFORNIA BUILDING CODE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS, ANY NON-COMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THE PROJECT. THE PROJECT IS NOT BASED ON VALUATION OF THE PROJECT. THE PROJECT IS UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

**PATH OF TRAVEL, TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE**  
ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2 INCHES IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4 INCHES MAXIMUM AND AT LEAST 48 INCHES IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF INCHES FROM THE WALL, ABOVE 27 INCHES AND LESS THAN 80 INCHES ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

FOR PATH OF TRAVEL WITHIN PUBLIC RIGHT-OF-WAY, ALL NON-COMPLIANT SIDEWALK SIDEWALK PANELS, STREET LIGHTING, ADA RAMPS, STRIPING, AND CROSSWALK SHALL BE REPLACED OR MODIFIED PER CITY STANDARD DETAILS.

## PARKING ANALYSIS

	LOT
STANDARD PARKING STALLS PROVIDED	98
ACCESSIBLE PARKING STALLS REQUIRED INCLUDING (1) VAN, PER CBC 11B-208.2.4	5
ACCESSIBLE PARKING STALLS PROVIDED INCLUDING (1) VAN	6
EV CAPABLE SPACES REQUIRED PER CBCS TABLE 5.106.5.6	25
EV CAPABLE SPACES PROVIDED	30
EV CHARGING STATIONS (EVCS) (EV CAPABLE SPACES PROVIDED W/ EVSE) REQUIRED PER CBCG 5.106.5.6	6
EV CHARGING STATIONS (EVCS) (EV CAPABLE SPACES PROVIDED W/ EVSE) PROVIDED	6
ACCESSIBLE W/ REQUIRED INCLUDING (1) VAN, PER CBC TABLE 11B-228.3.2.1	2
ACCESSIBLE EVCS PROVIDED INCLUDING (1) VAN	2
TOTAL	110

**BOARD OF EDUCATION - NEW PARKING LOT:**

**N F ST**

(E) BOARD OF EDUCATION (NIC)

(E) WELCOMING RESOURCE CENTER (NIC)

(E) STURGES CENTER  
FOR THE FINE ARTS (NIC)

**W 7TH ST**

8TH ST

## NEST

(E) PUBLIC SAFETY CENTER (NIC)  
A# 04-124522

(E) SAN BERNARDINO UNIFIED  
SCHOOL - SMART BUILDING (NIC)



OVERALL SITE PLAN	SCALE: 1" = 40'-0"	1
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**PROJECT No. :**  
8/15/2025 4:15:13 PM

DRAWN BY: DELTA # 1 DATE 8-15-25

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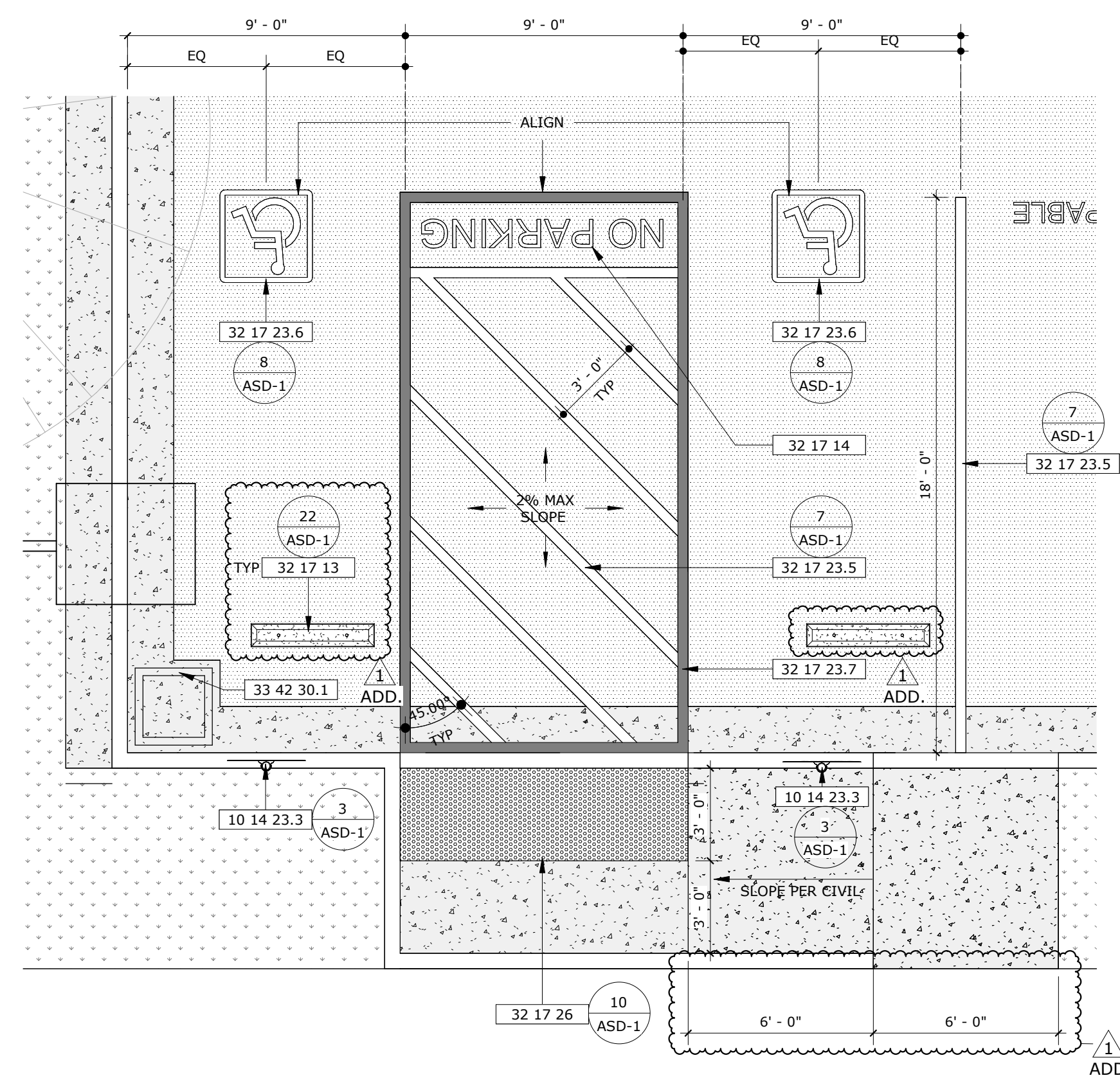
## BOARD OF EDUCATION - NEW PARKING LOT

701 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

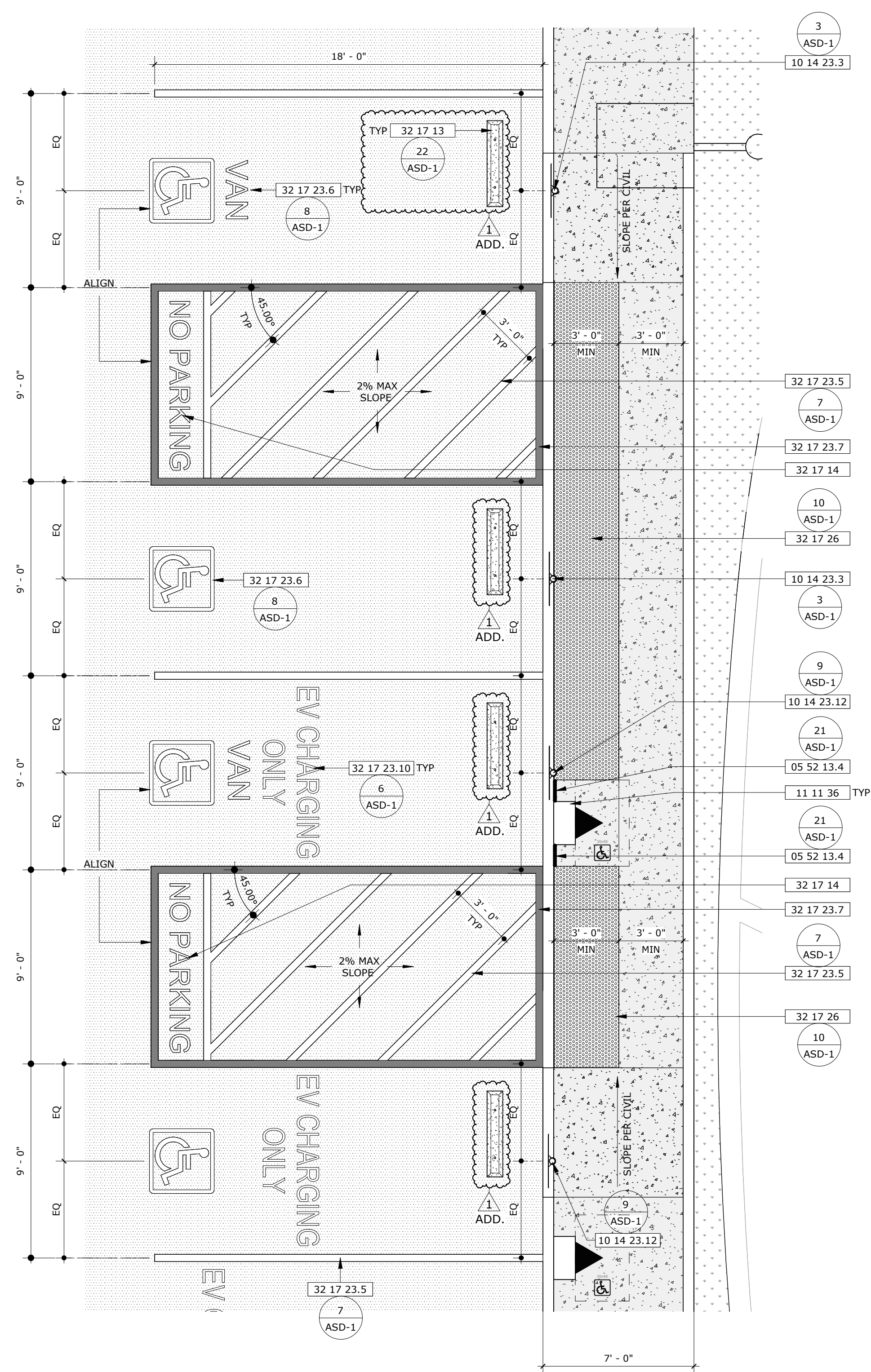
## OVERALL SITE PLAN

## AS-2.0

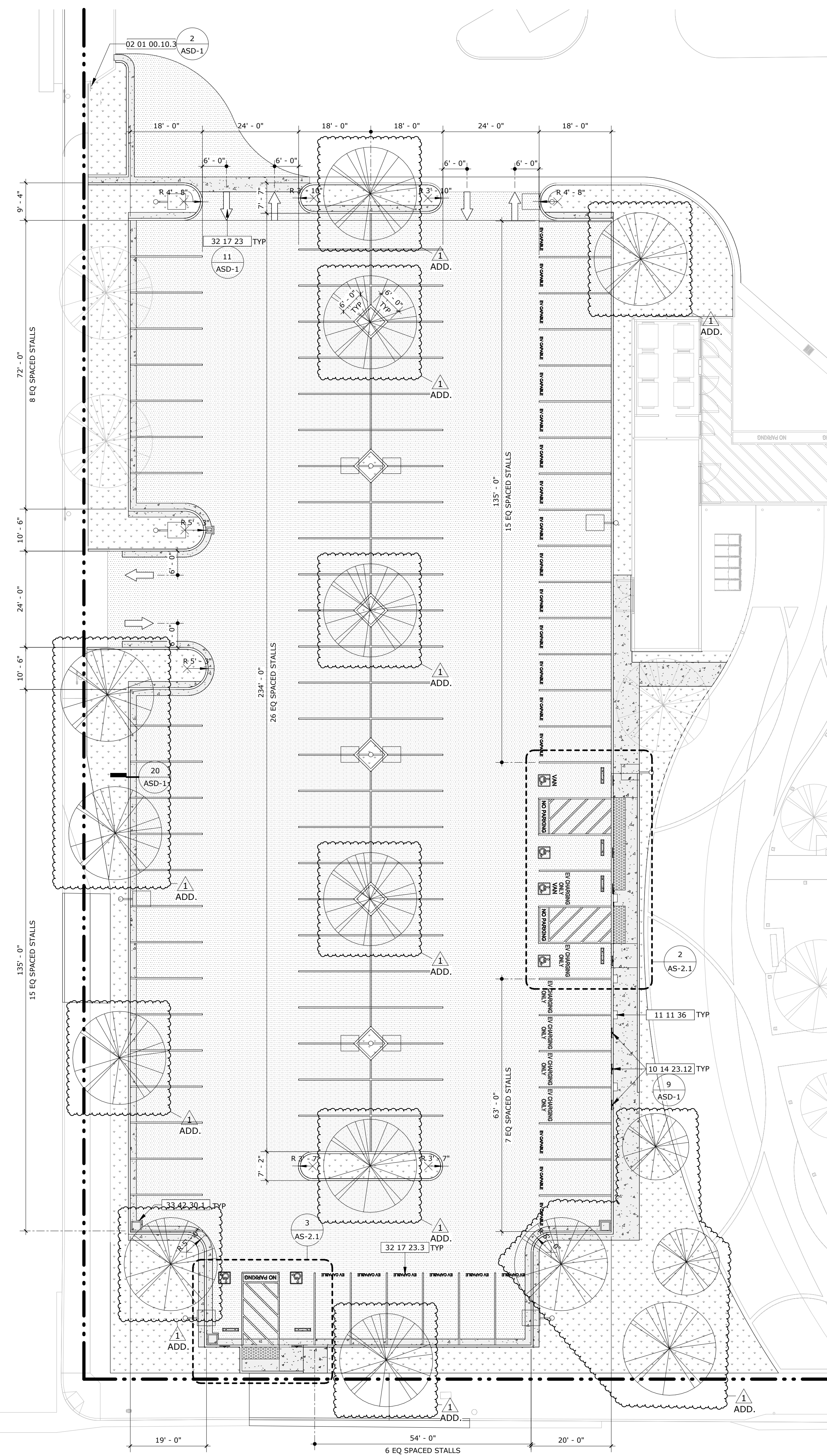




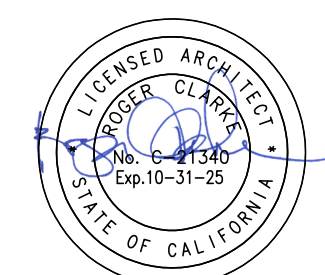
ENLARGED ACCESSIBLE PARKING	SCALE: 1/4" = 1'-0"	3
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ENLARGED ACCESSIBLE PARKING	SCALE: 1/4" = 1'-0"	2
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ENLARGED SITE PLAN - PARKING LOT A	SCALE: 1/16" = 1'-0"	1
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#### AGENCY APPROVAL

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CLARKE  
ARCHITECTS

## GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.
3. LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN( ATT).
4. A LISTING OF CERTIFIED ATT CAN BE FOUND AT: [HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/REGS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE](https://www.energy.ca.gov/programs-and-topics/regs/acceptance-test-technician-certification-provider-program/acceptance).
5. THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.
6. PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

## KEYNOTES

02.01.00.10	EXISTING SIGNAGE TO REMAIN, PROTECT IN PLACE
05.22.13.4	BARRIER RAILING
10.14.20.3	STANDARD ACCESSIBLE PARKING SIGNAGE, REFER TO DETAIL 3/A5D-1
10.14.22.12	EV CHARGING STATION SIGNAGE, REFER TO DETAIL 9/A5D-1
11.11.36	VEHICLE CHARGING EQUIPMENT
12.17.13	CONCRETE WHEEL STOP
12.17.14	12" HIGH "NO PARKING," WHITE LETTERING
12.17.23	PARKING MARKINGS
12.17.23.3	EV CHARGING STATION ADAPTABLE TAPES
12.17.23.5	4" WIDE PAINTED WHITE PARKING MARKINGS
12.17.23.6	PAINTED ACCESSIBLE PARKING MARKING, SEE SPEC FIG. 118-703.7.2.1, REFER TO DETAIL 8/A5D-1
4	PAINTED BLUE PAVEMENT MARKINGS, COLOR TO BE FS 15900 IN FEDERAL STANDARD 595
12.17.22.10	EV PARKING STALL
12.17.22.11	FACTORY-FURNISHED (TRUNCATED DOMES) SURFACING, 3/8" DEPTH, REFER TO DETAIL 10/A5D-1
12.17.23.1	PRECAST CONCRETE CAST BASIN PER CIVIL DRAWINGS

## LEGEND

CONCRETE PAVING, SEE DETAILS FOR ADDITIONAL INFORMATION, SEE CIVIL DRAWING SHEET C-3.0

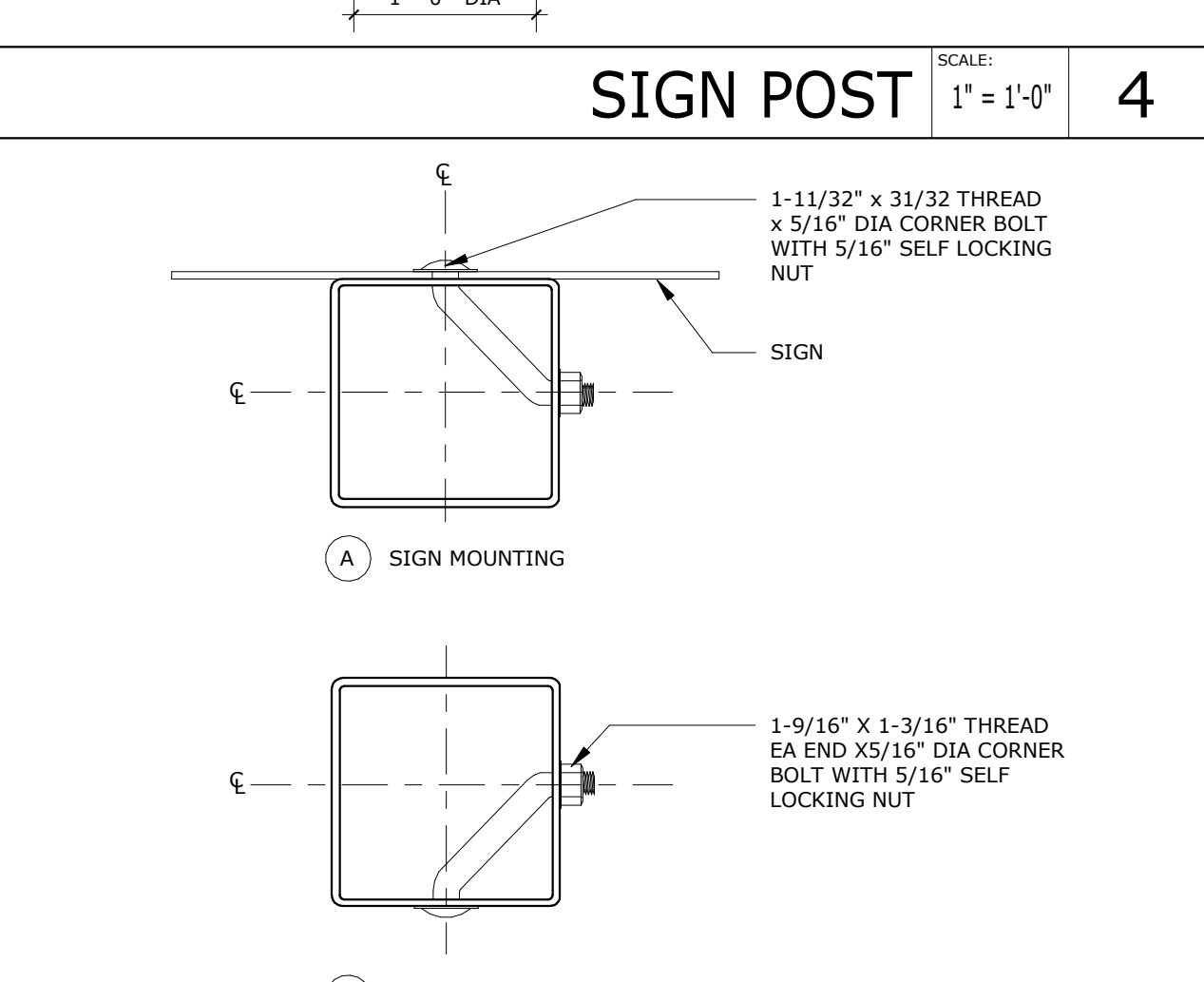
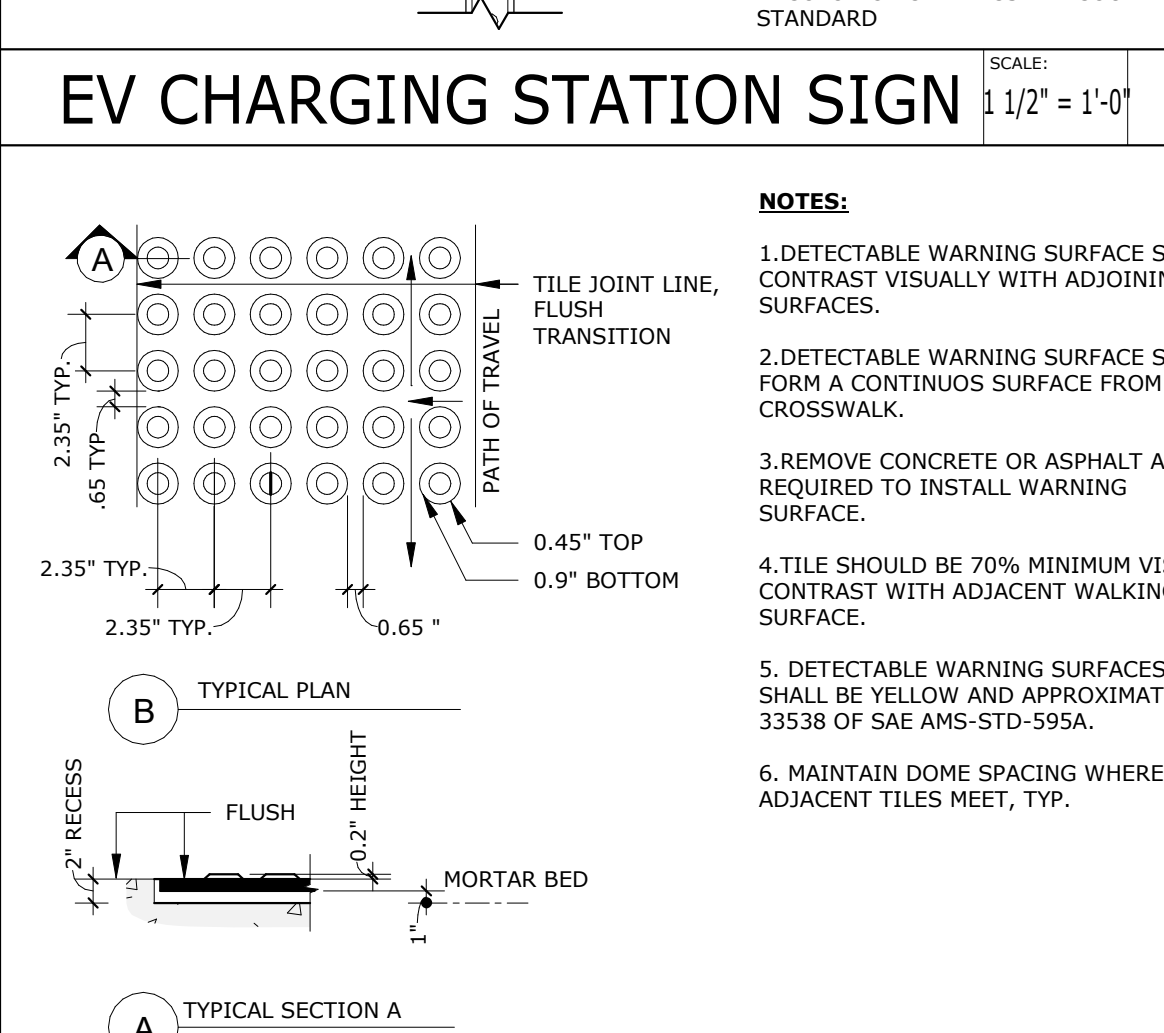
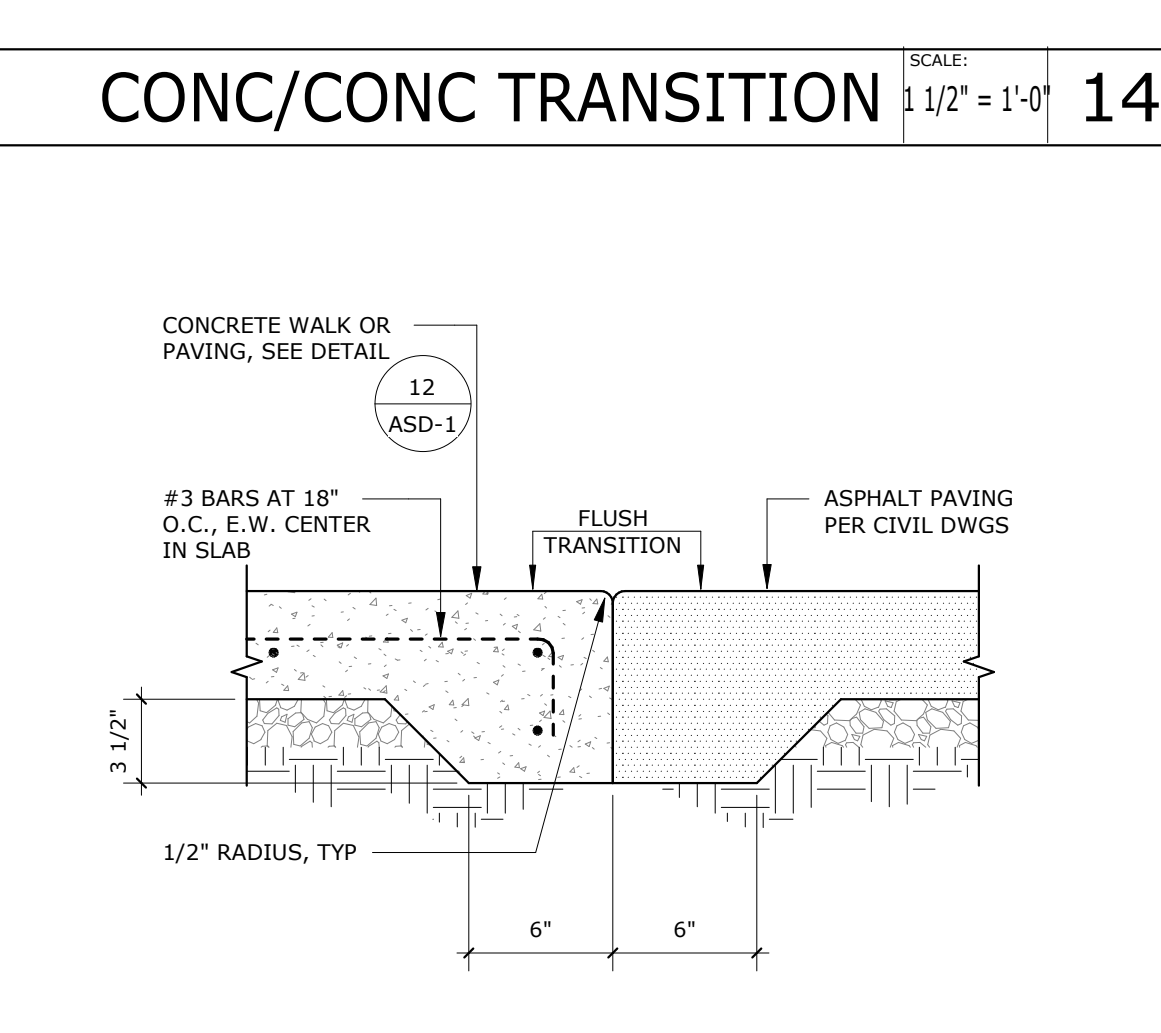
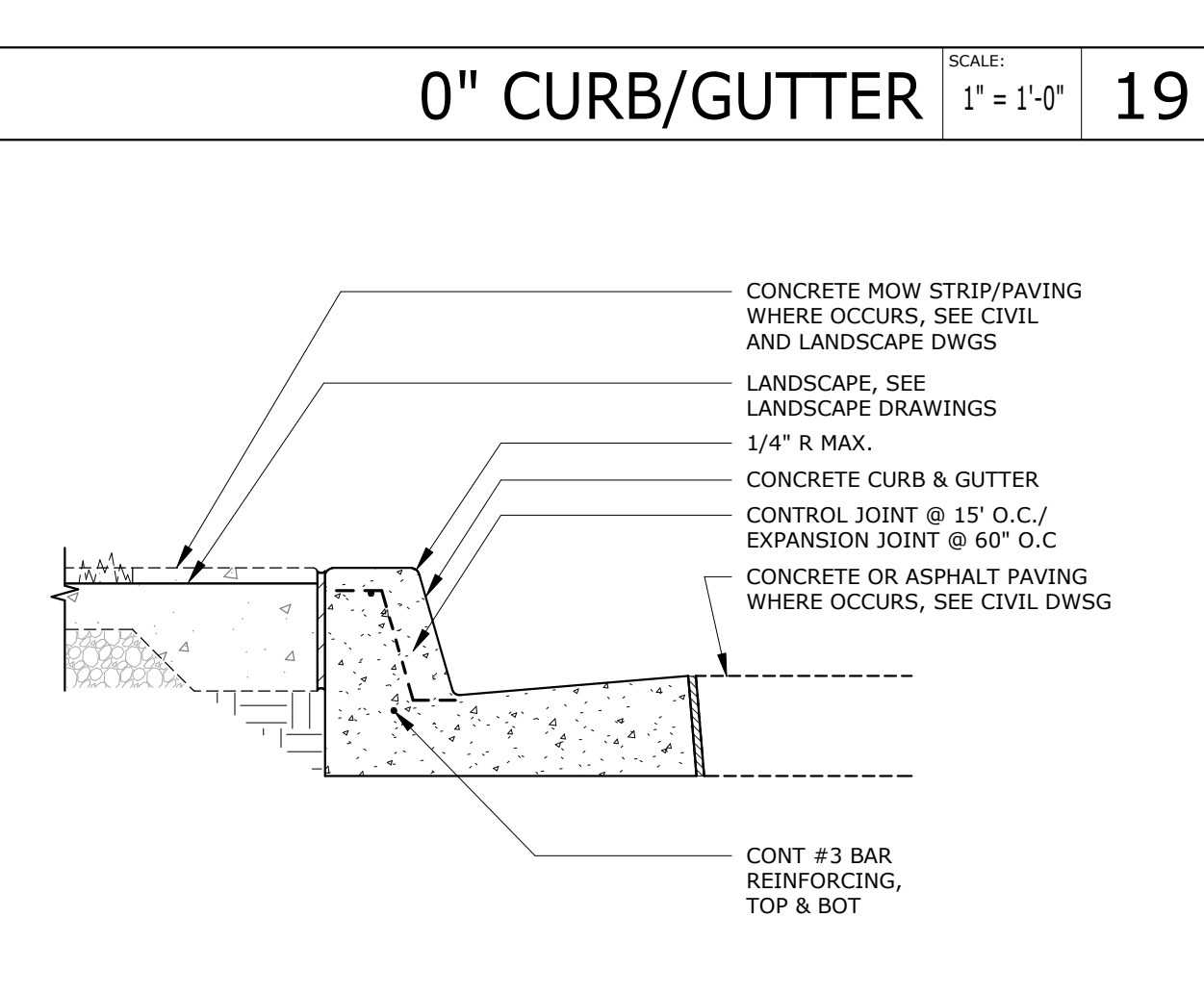
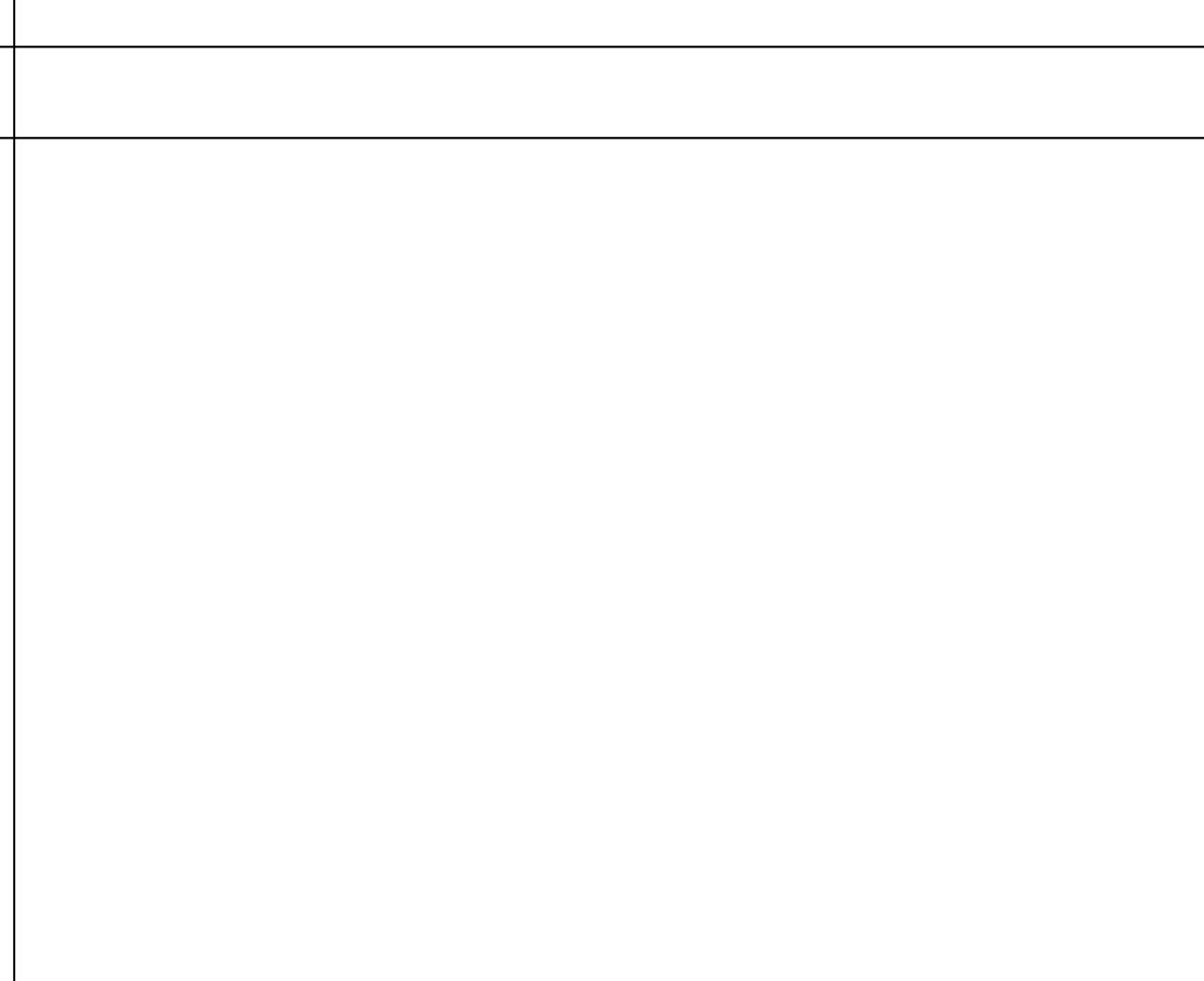
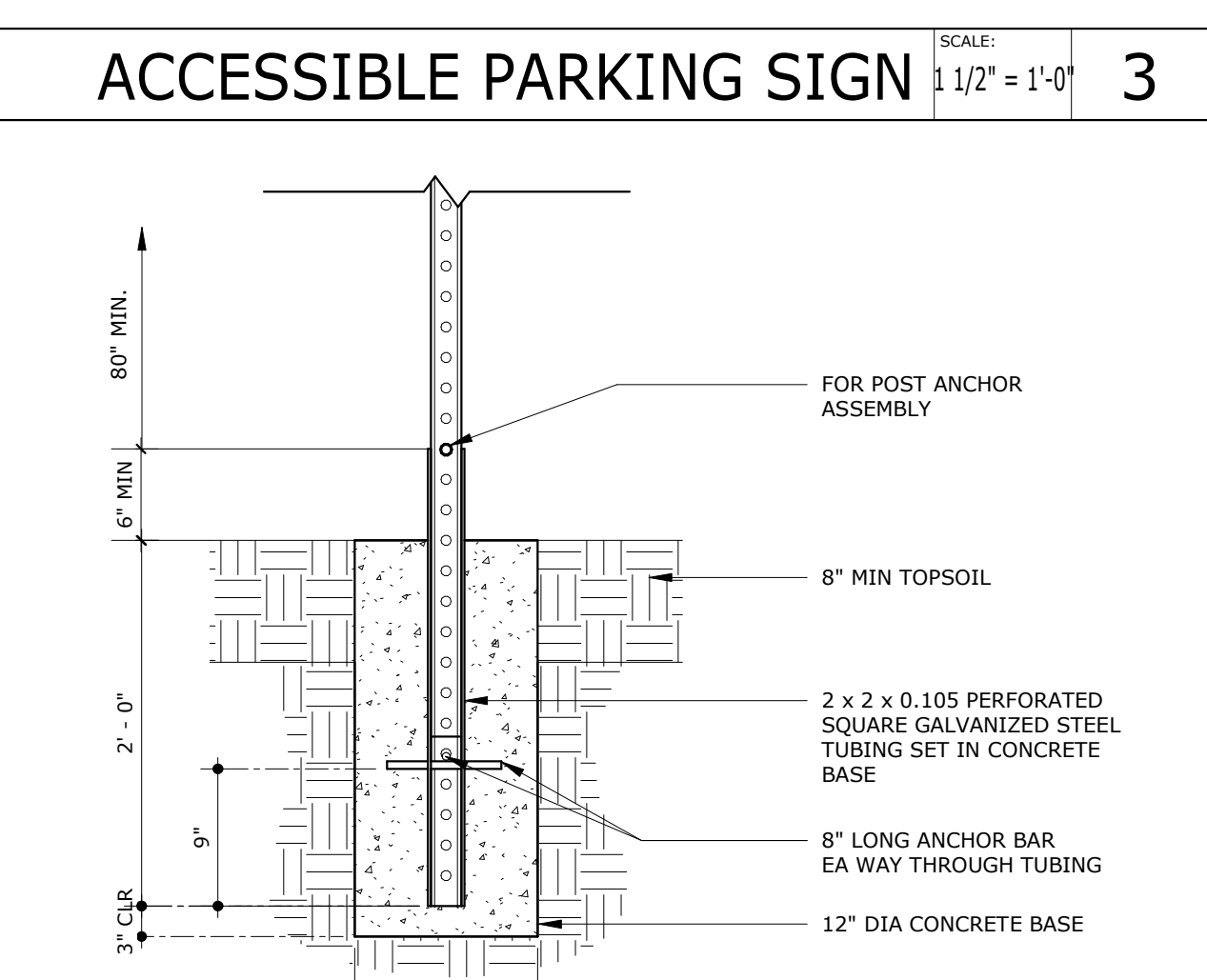
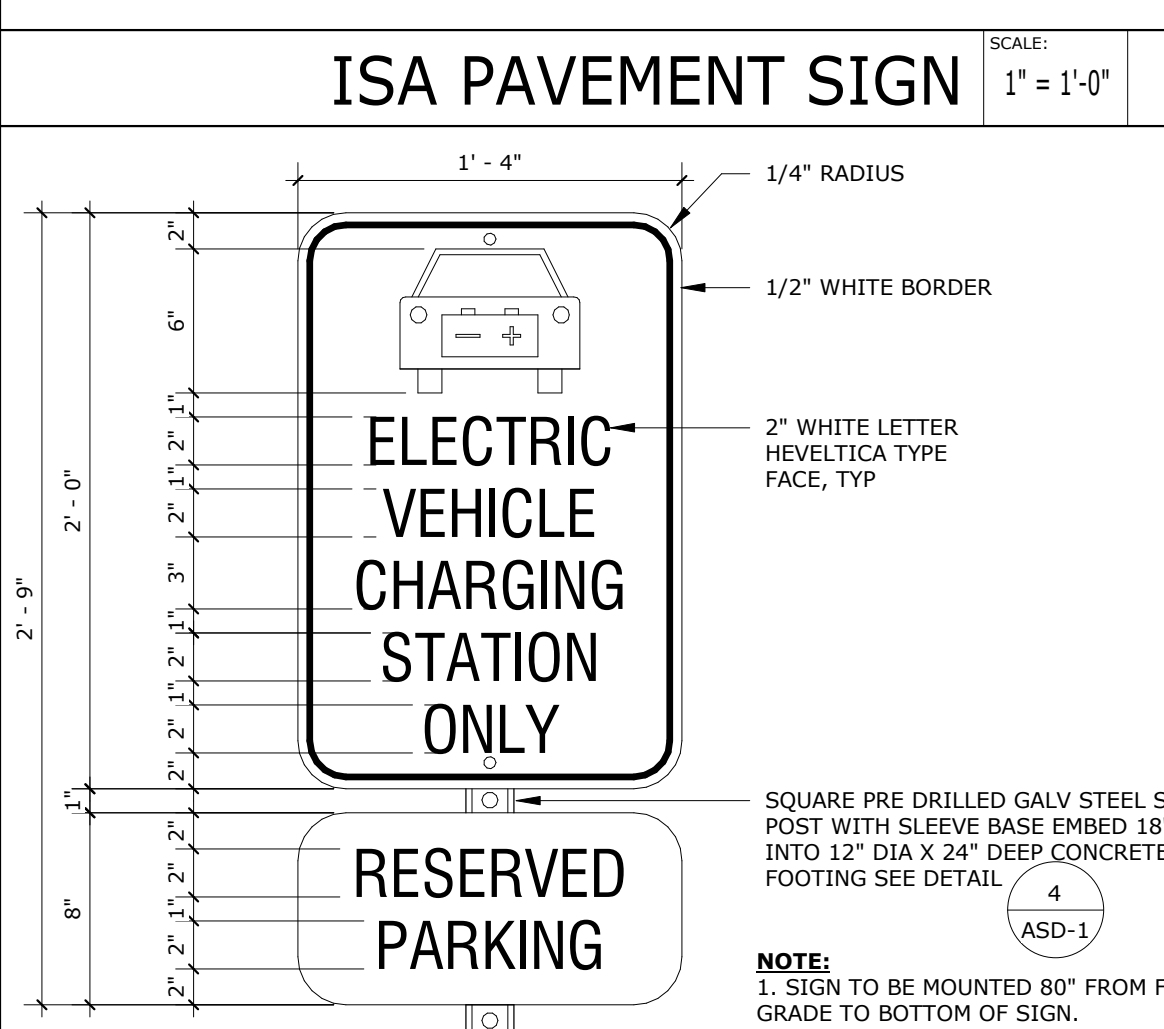
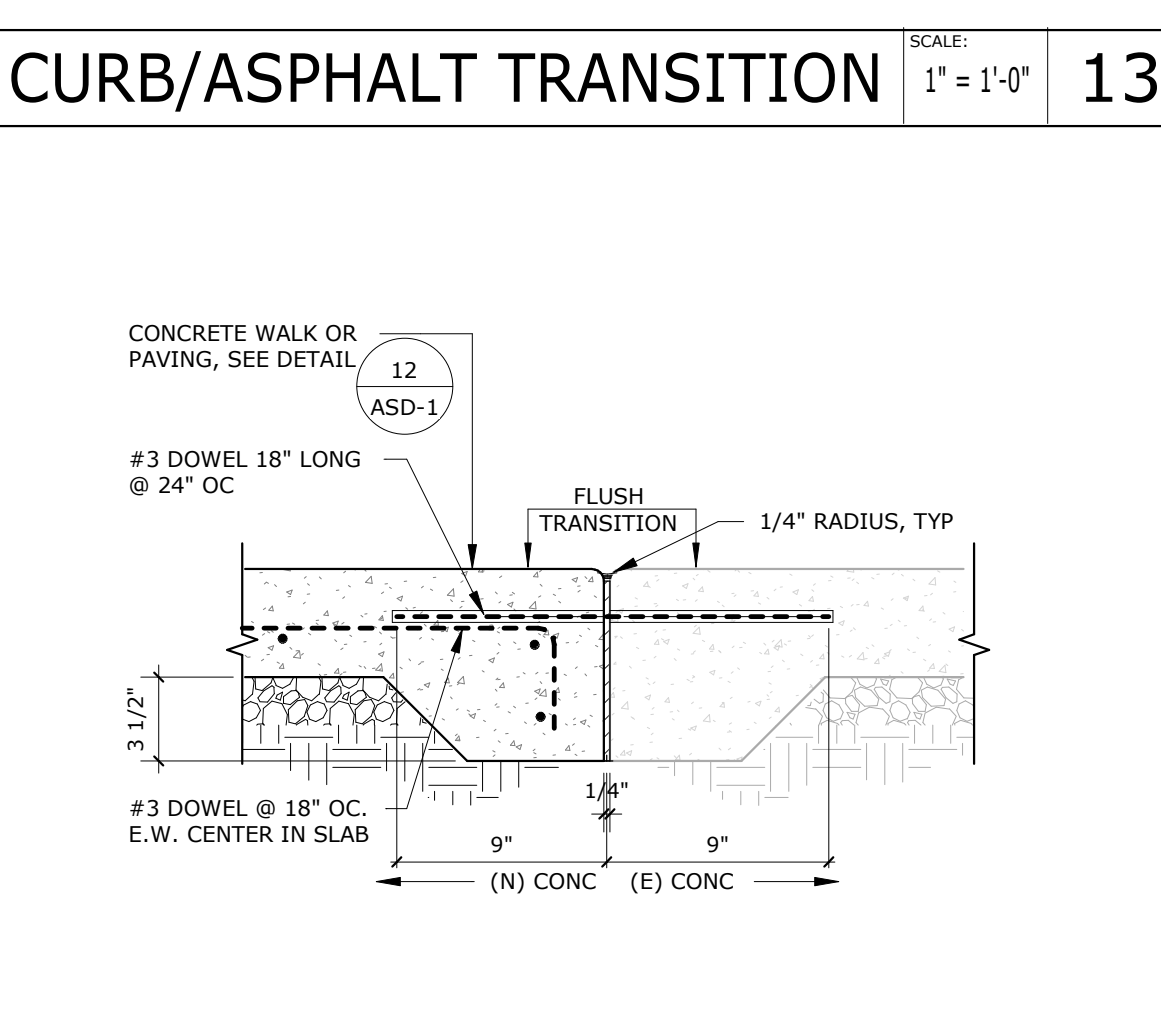
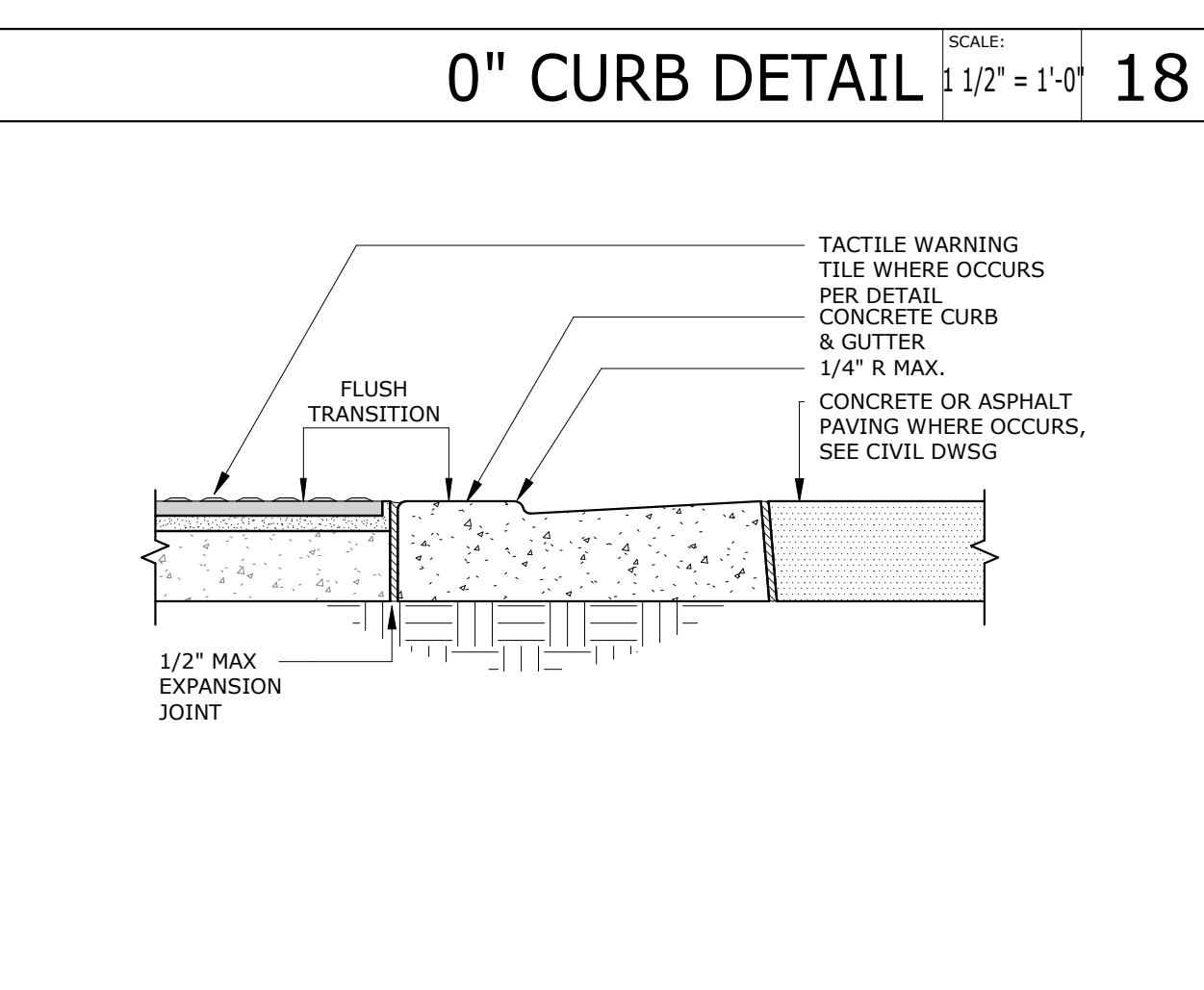
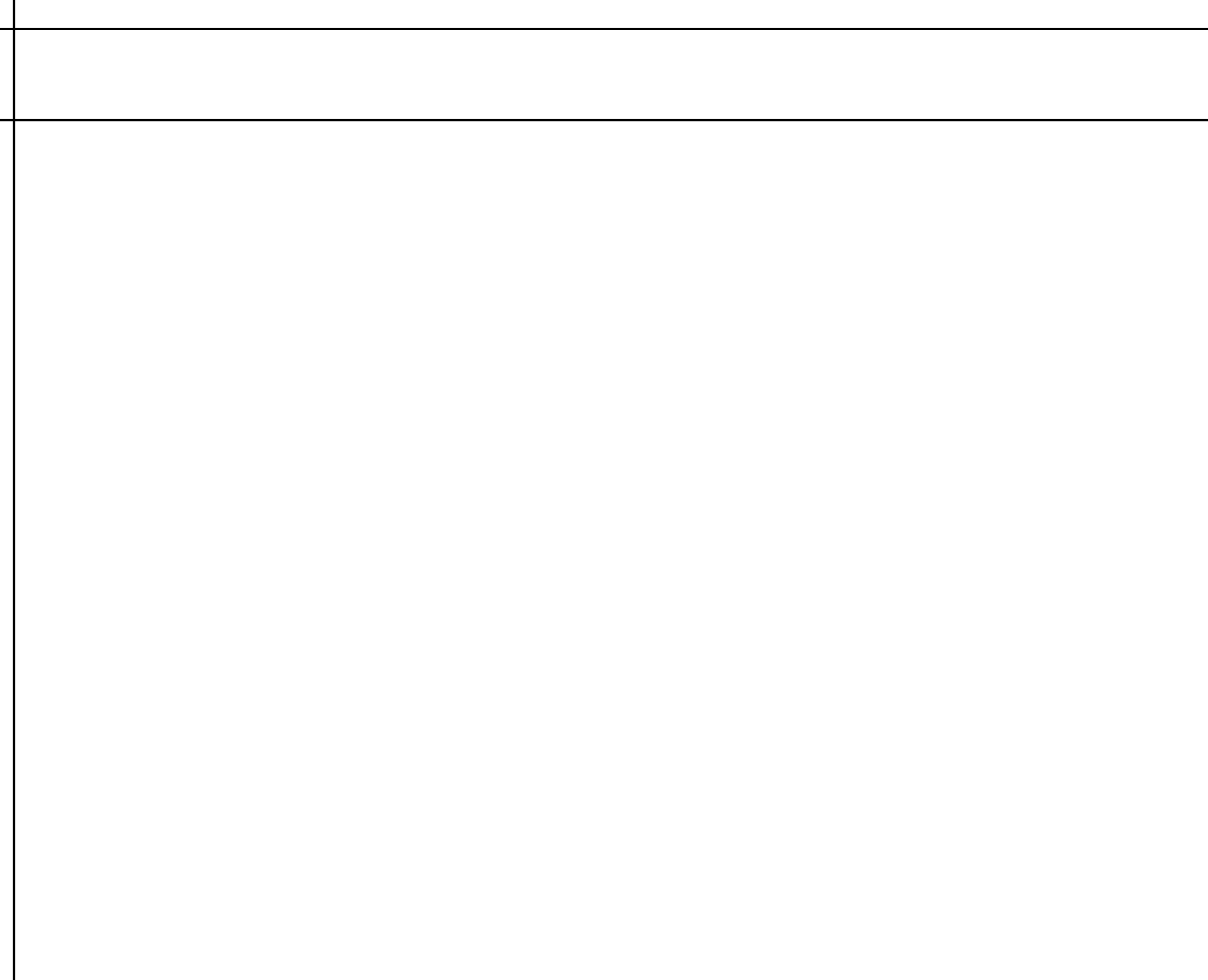
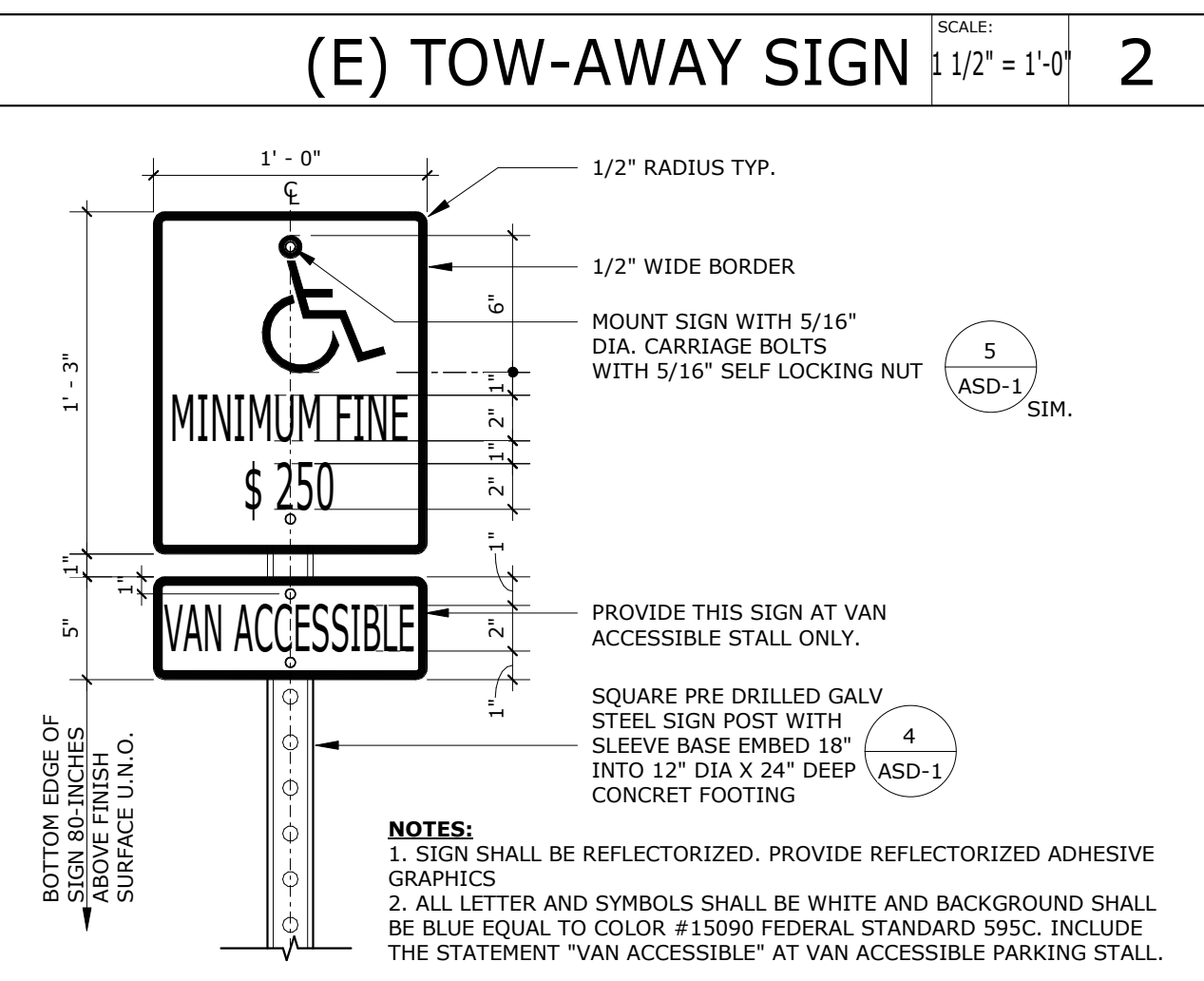
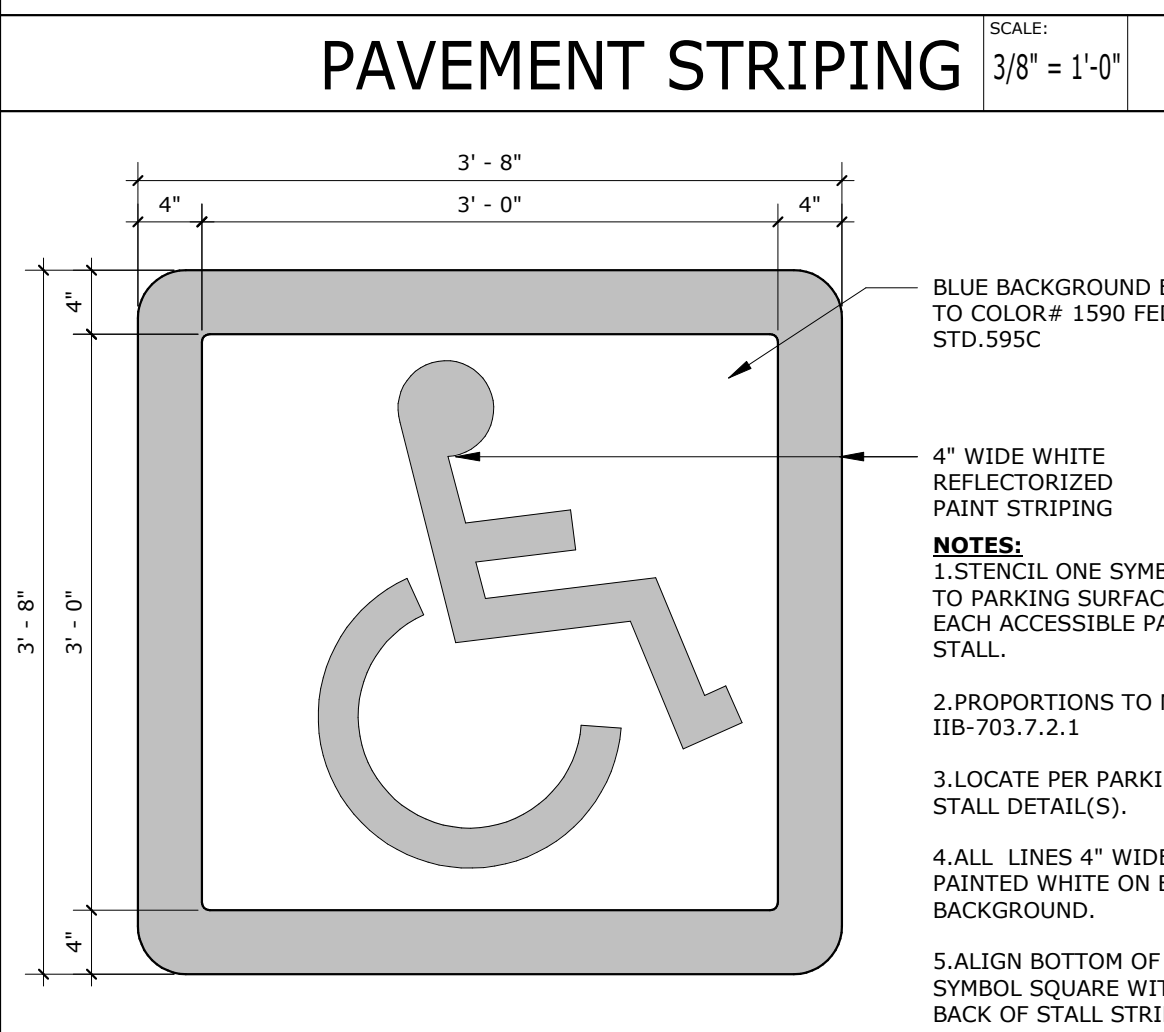
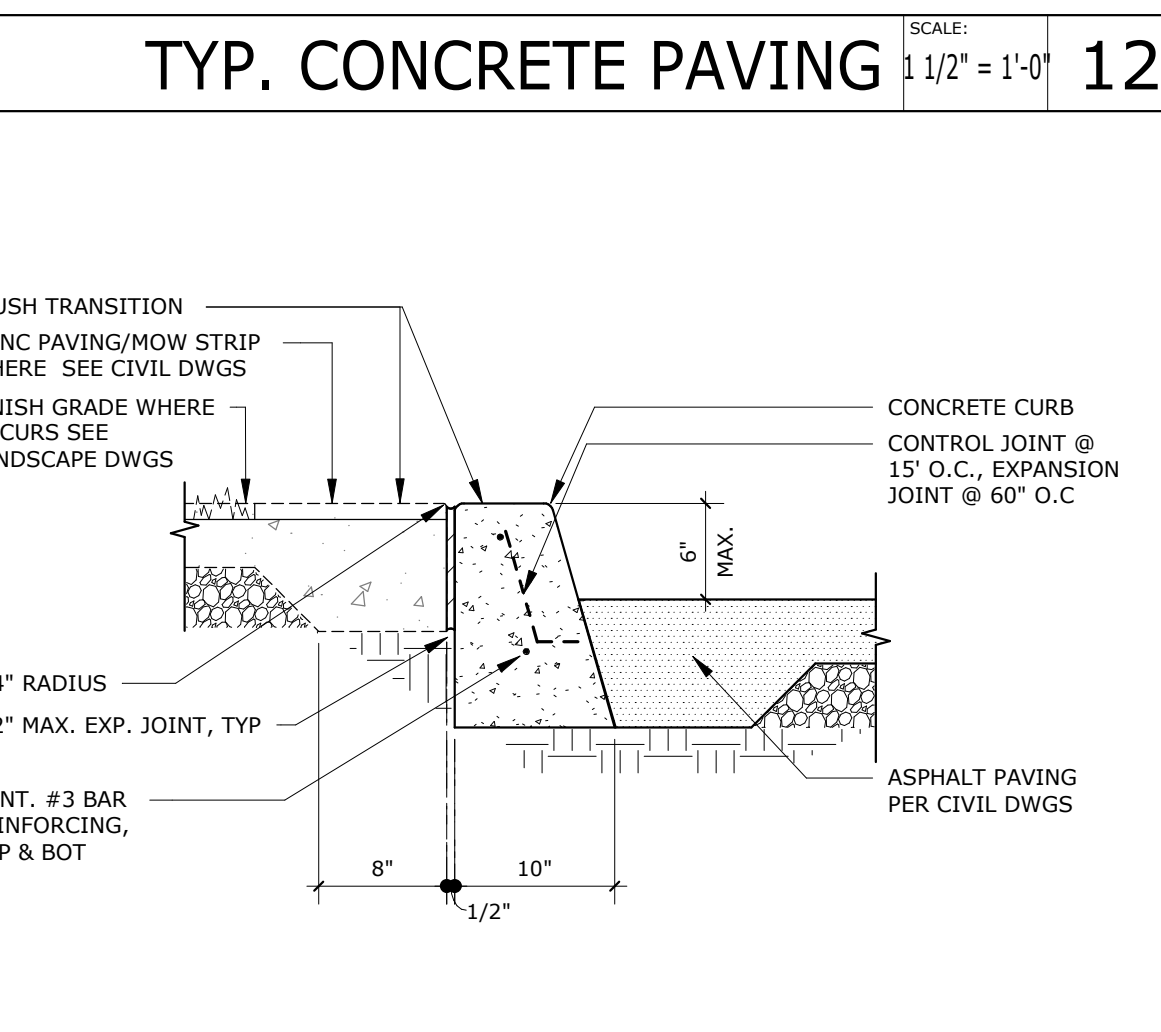
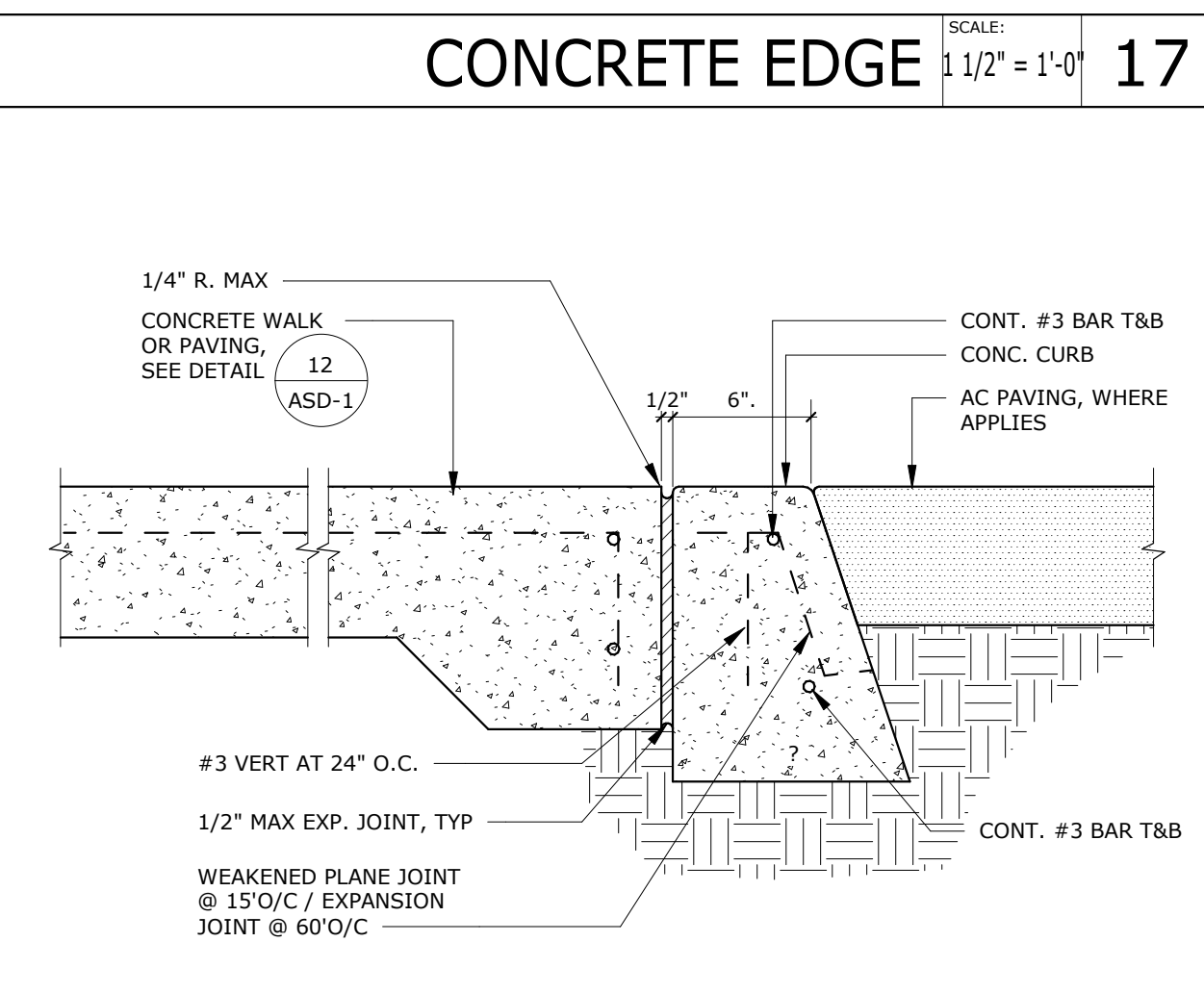
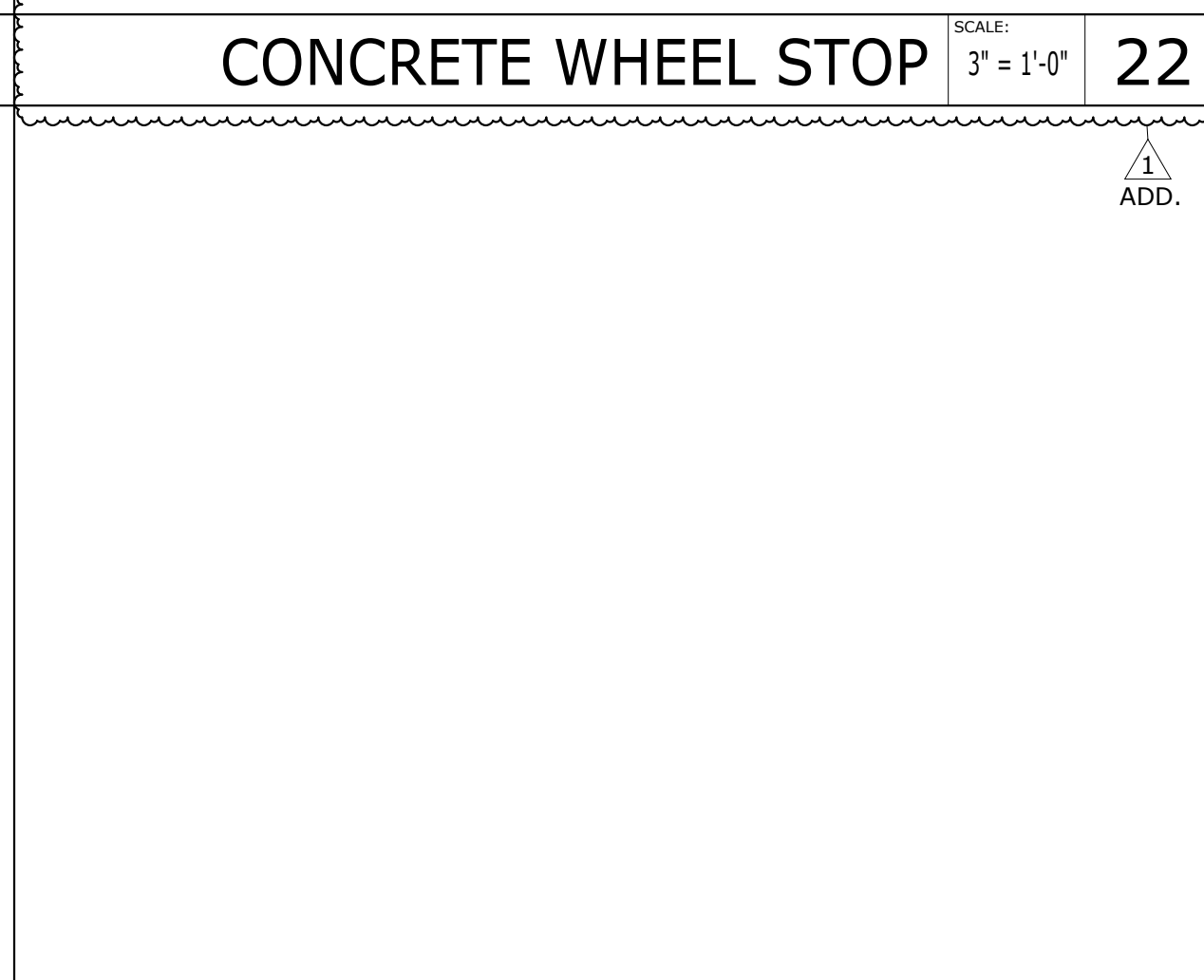
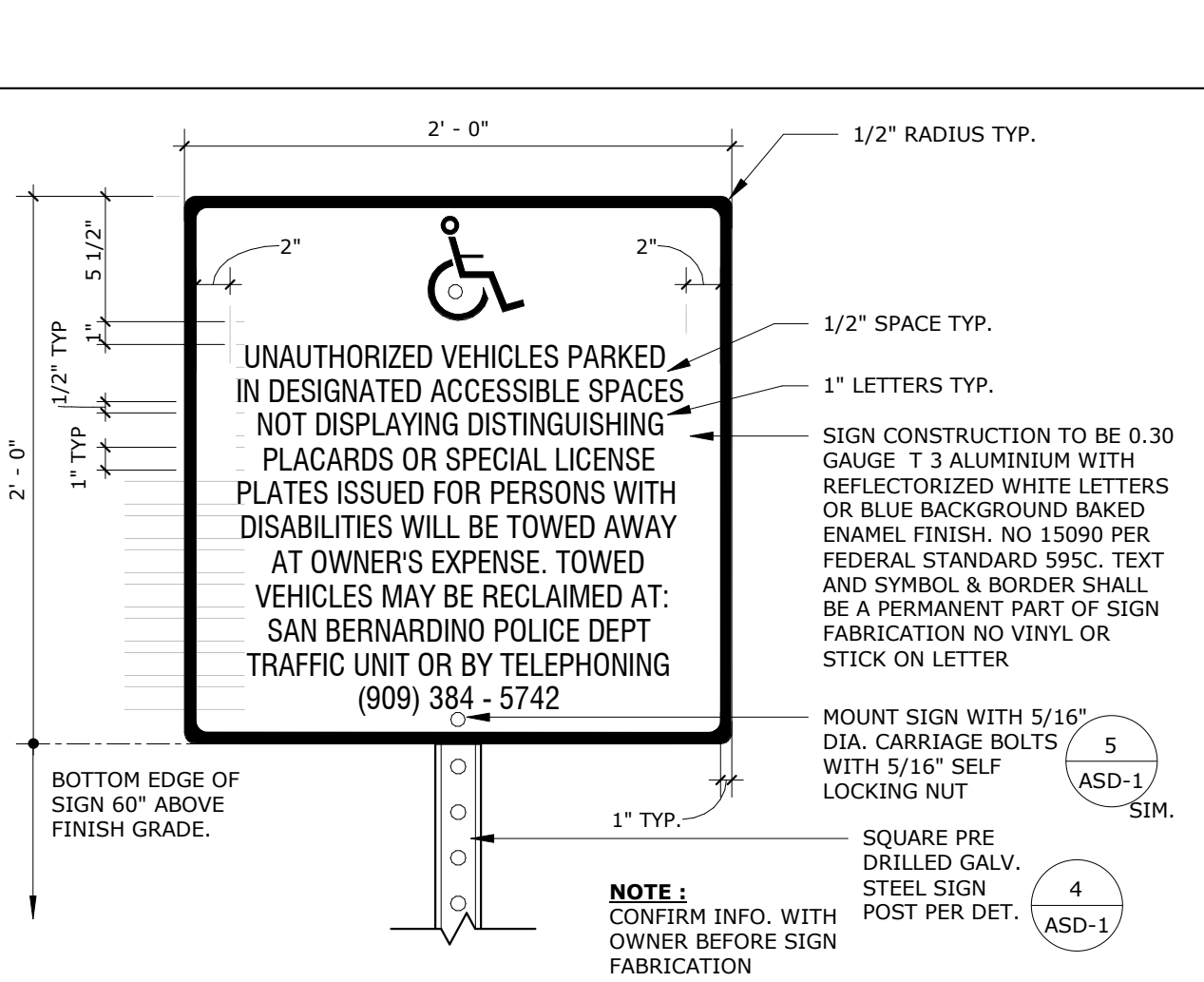
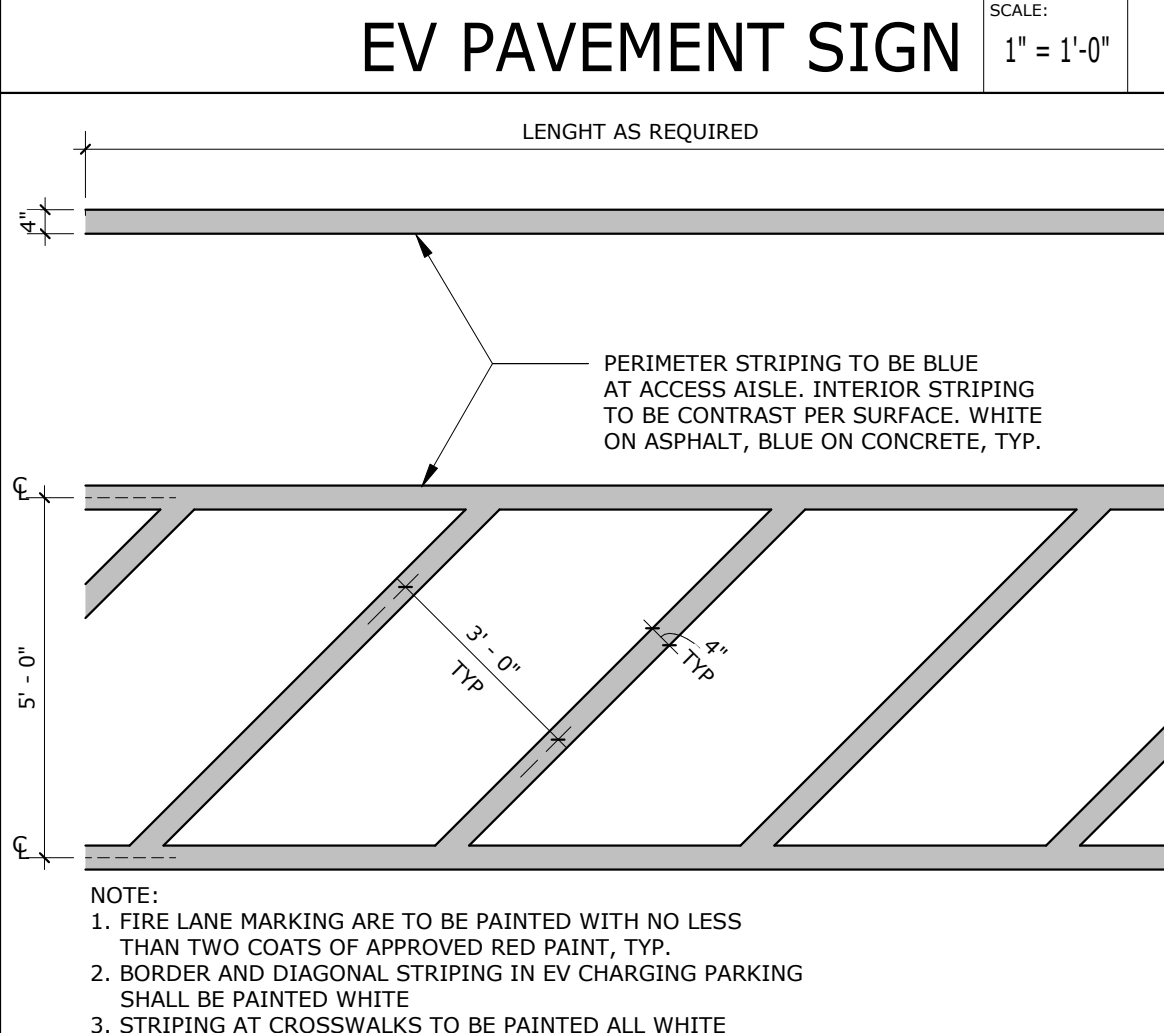
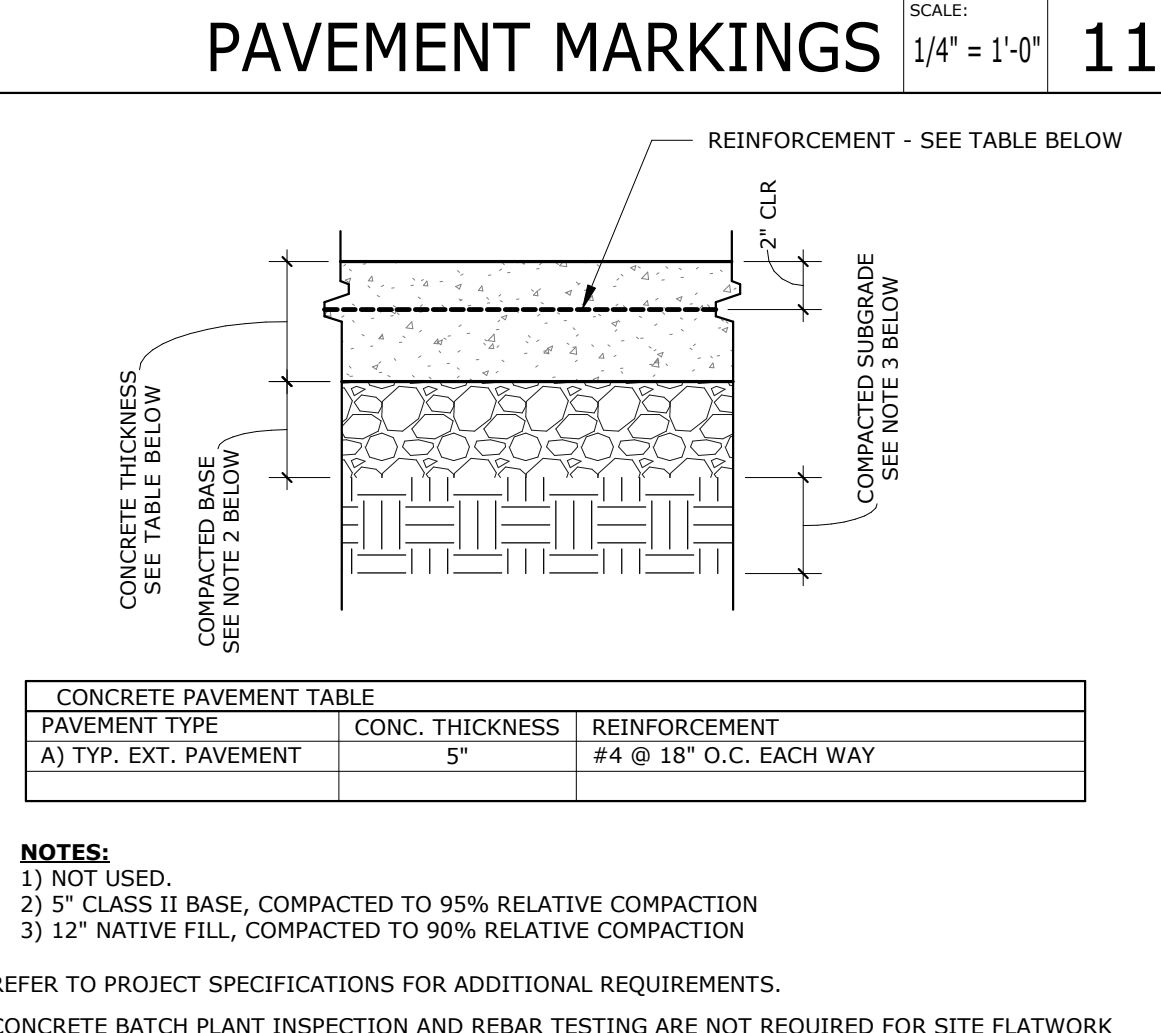
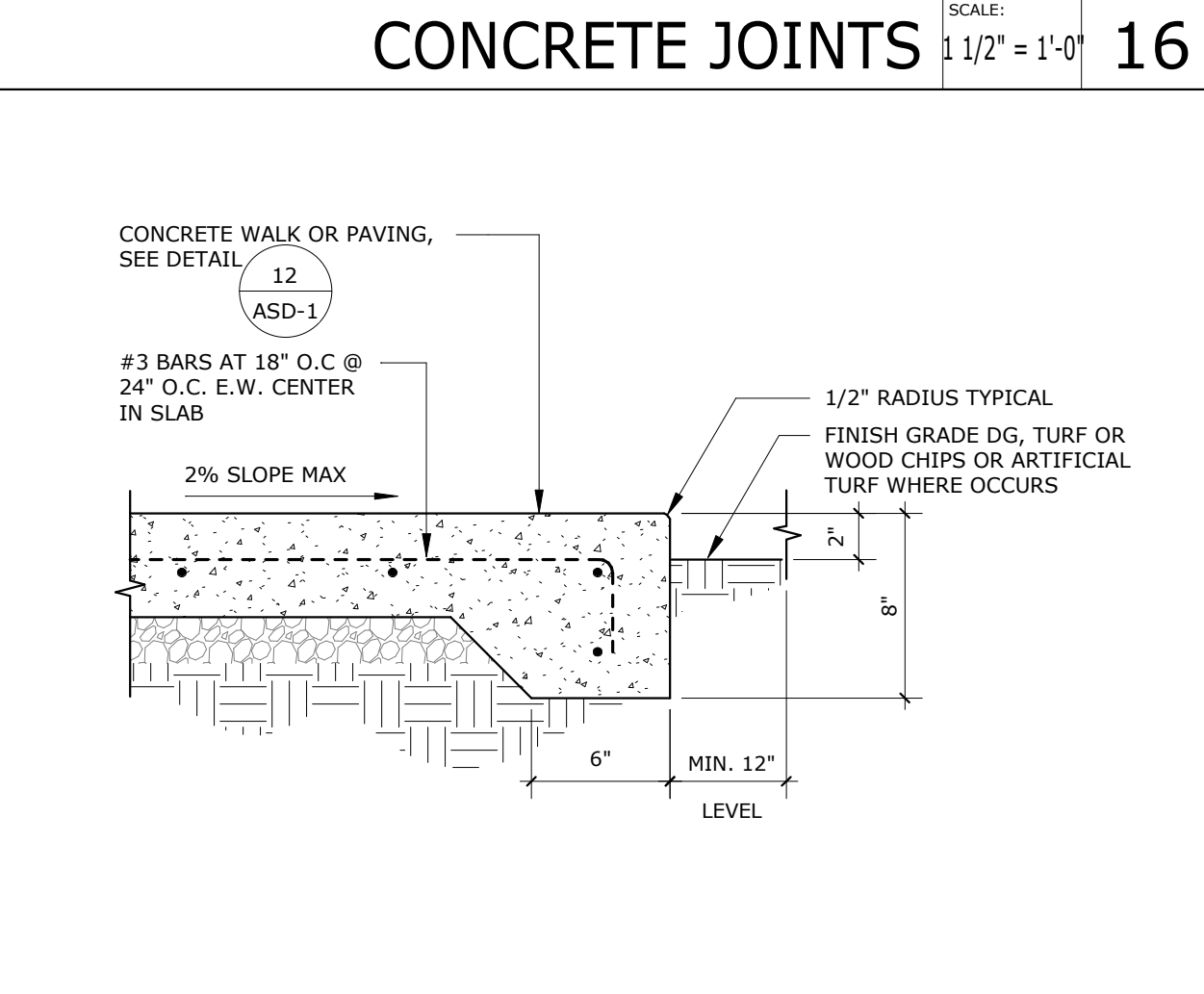
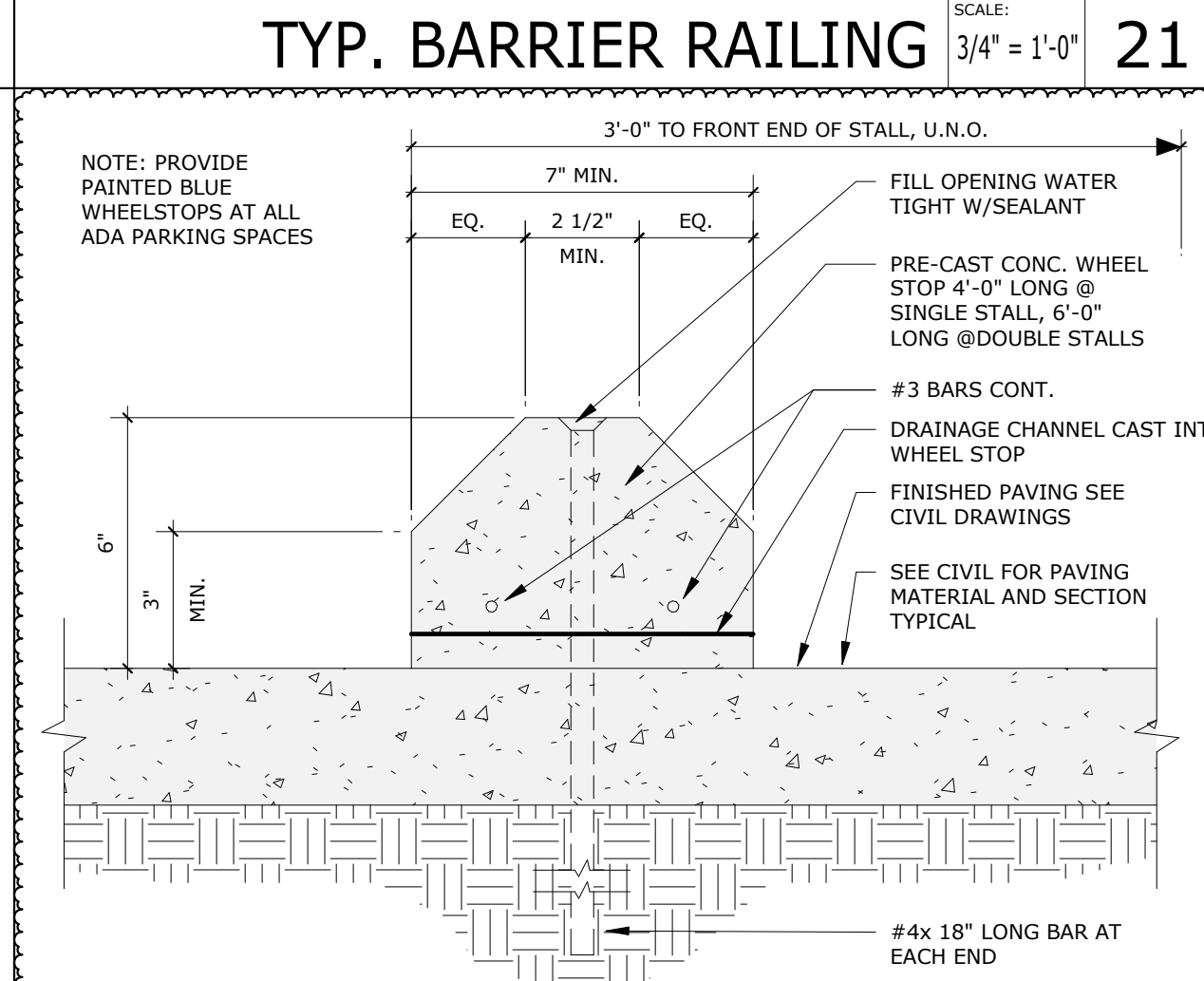
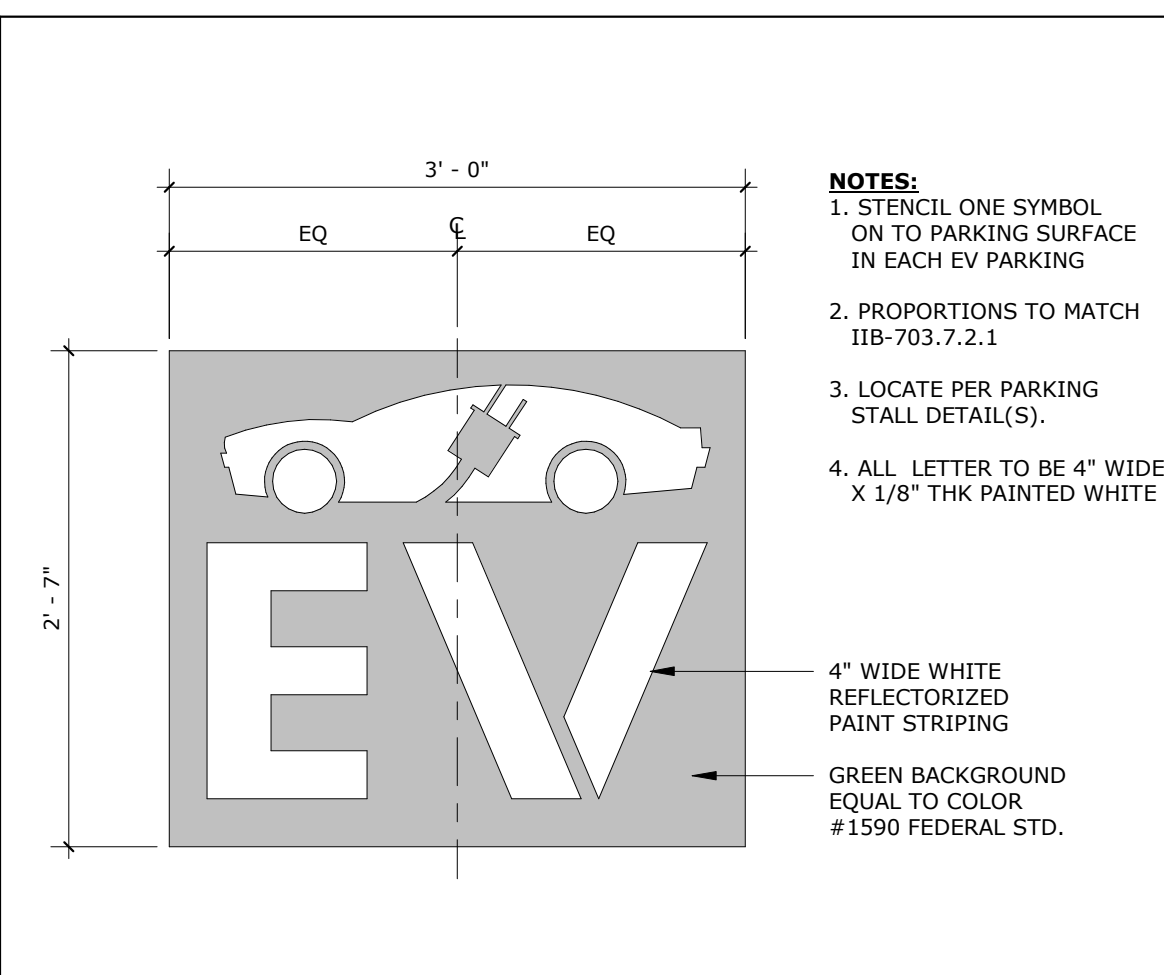
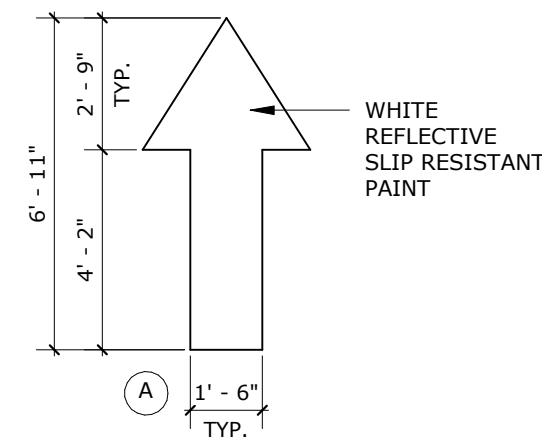
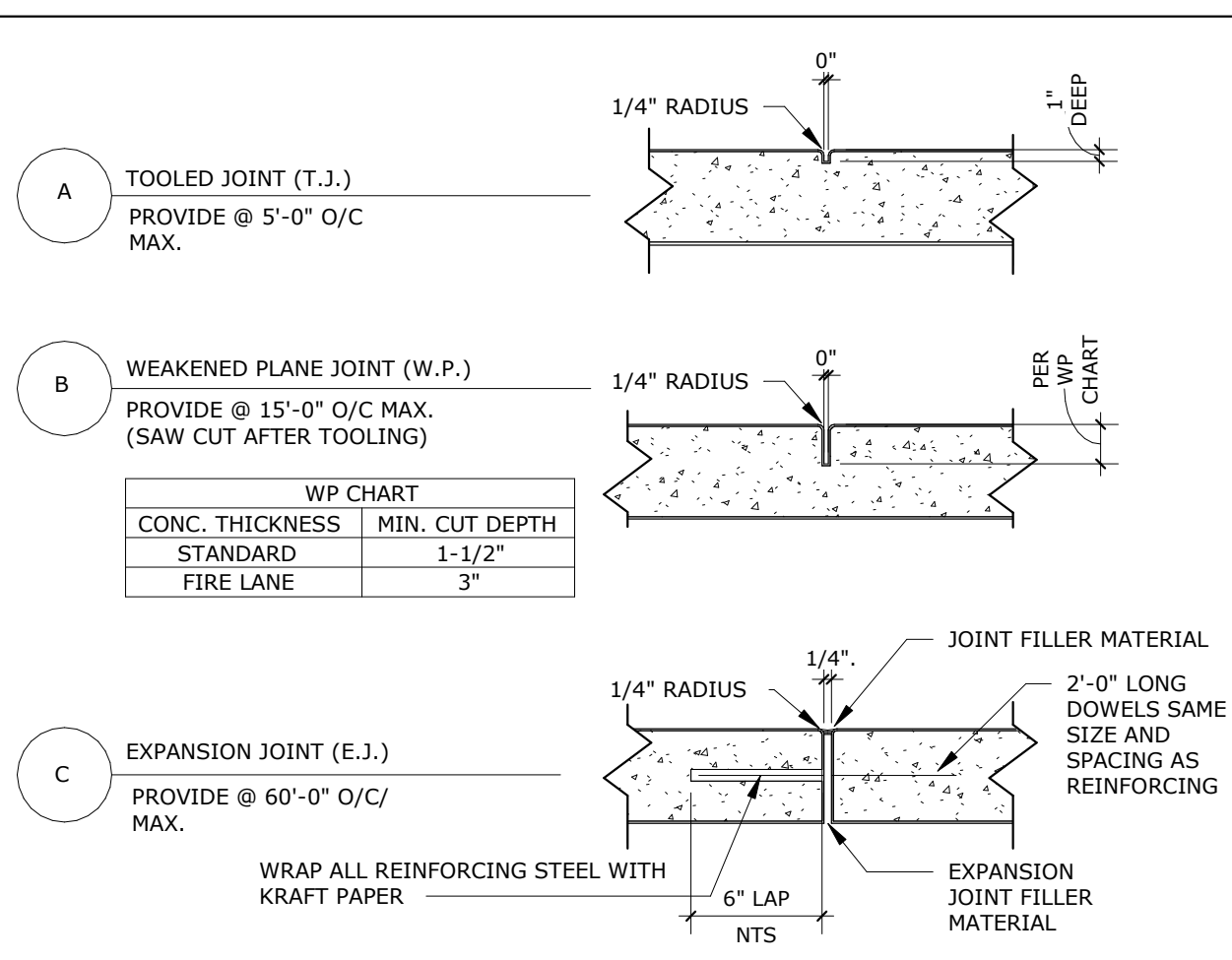
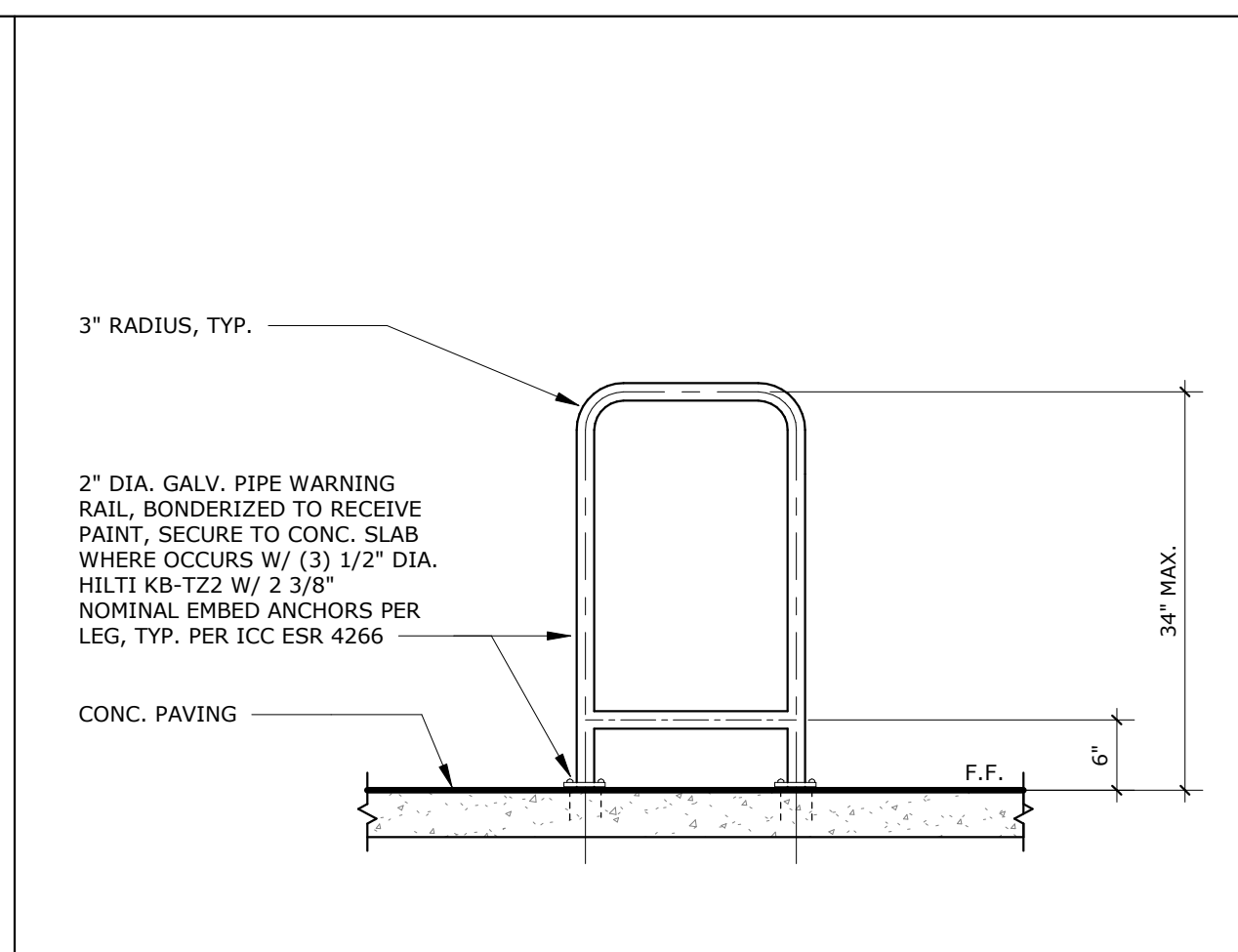
ASPHALT PAVING, SEE CIVIL DRAWING SHEET C-3.0

LANDSCAPE PER LANDSCAPE DRAWINGS

16 ASD-1

17 ASD-17







LUMINAIRE SCHEDULE									
TYPE	VOLTS	WATTAGE	LUMENS	LAMPS	MOUNTING	FIXTURE DESCRIPTION	MFR.	CATALOG #	NOTES
S1	277	124	14,423	LED 4000K	POLE	BELLEVUE MODERN CAST ALUMINUM LUMINAIRE WITH SINGLE HEAD IN BLACK FINISH WITH 20'-0" POLE, PHOTOCELL, MOTION SENSOR AND 4LIGHT AIR 2 CONTROLS.	LUMINIS	BVA32-L2140TP5-BVP620-277-BKT-MSH-NLTAIR2	
S2	277	219	22,652	LED 4000K	POLE	BELLEVUE MODERN CAST ALUMINUM LUMINAIRE WITH DUAL HEADS AT 180 DEGREES IN BLACK FINISH WITH 20'-0" POLE, PHOTOCELL, MOTION SENSOR AND 4LIGHT AIR 2 CONTROLS.	LUMINIS	BVA32-L2140TP4-BVP620-277-BKT-MSH-NLTAIR2	PROVIDE WITH P2 POLE CONFIGURATION, 20'-0" ABOVE GRADE.
S3	277	124	13,018	LED 4000K	POLE	BELLEVUE MODERN CAST ALUMINUM LUMINAIRE WITH SINGLE HEAD IN BLACK FINISH WITH 20'-0" POLE, PHOTOCELL, MOTION SENSOR AND 4LIGHT AIR 2 CONTROLS.	LUMINIS	BVA32-L2140TP4-BVP620-277-BKT-MSH-NLTAIR2	

### LUMINAIRE SCHEDULE NOTES

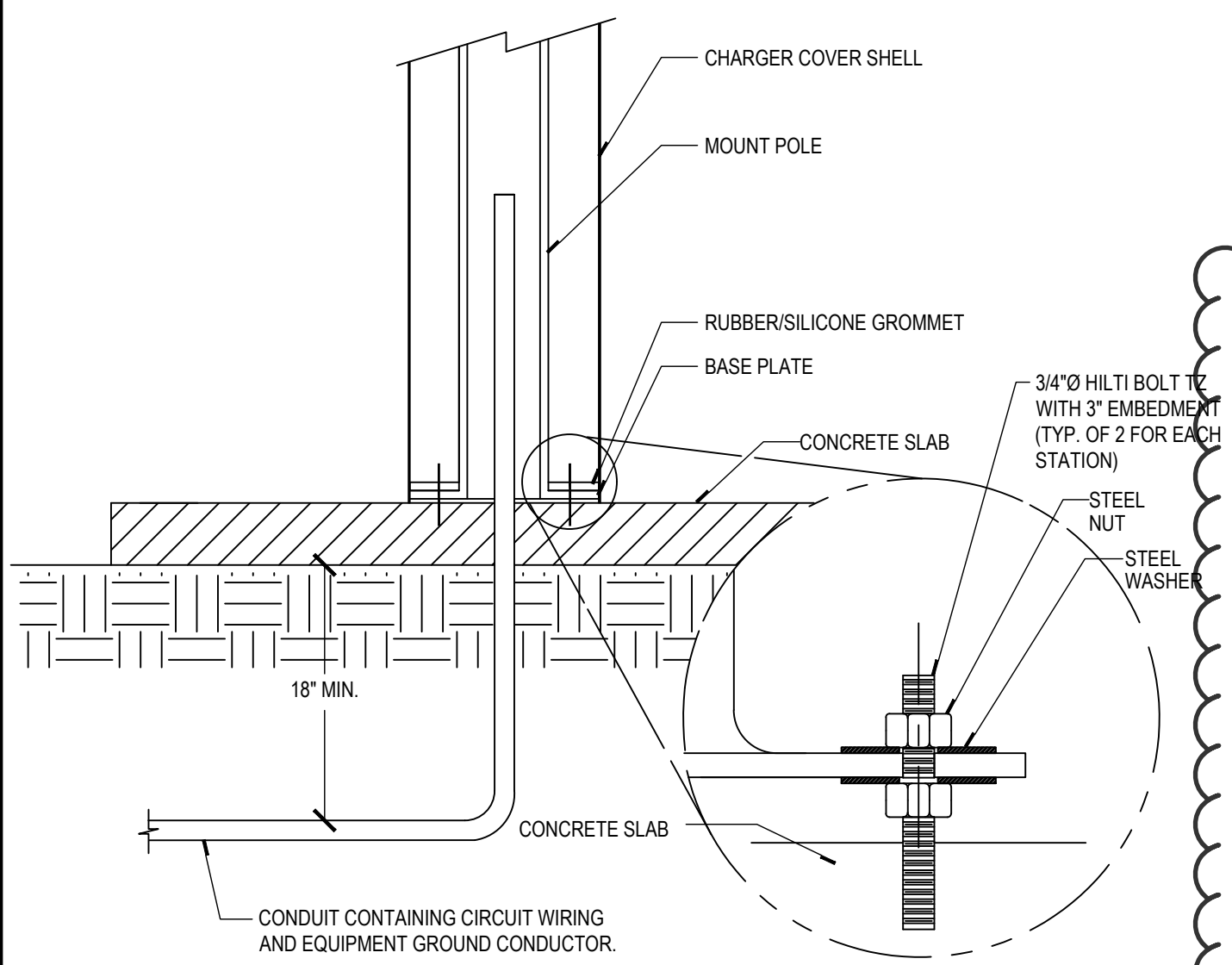
- EQUALS SHALL BE CONSIDERED UPON SUBMITTAL REVIEW AND APPROVAL. PLEASE NOTE THAT IF AN ALTERNATE IS CONSIDERED:
  - THE CONTRACTOR IS COMPLETELY AND SOLELY RESPONSIBLE FOR ALL ASPECTS OF THE SUBSTITUTION INCLUDING UPDATING CONSTRUCTION DOCUMENTS, OBTAINING APPROVALS AND PERMITS FROM LOCAL AUTHORITY, AND COORDINATING WITH ALL TRADES TO ENSURE CHANGES TO AFFECTED BUILDING SYSTEM ARE ACCOUNTED FOR AND ACCEPTABLE TO THE ENGINEERING TEAM. CONTRACTOR SHALL ENSURE SUBSTITUTED EQUIPMENT MEETS OR EXCEEDS DESIGN INTENT REGARDING RATINGS, PERFORMANCE, DIMENSIONAL CLEARANCES, PHYSICAL DIMENSIONS (MAXIMUM), WEIGHT LIMITATIONS, AND OTHER ASPECTS. PROVIDING SUBSTITUTION IS SUITABLE TO THE APPLICATION, ENGINEERS WILL REVIEW THE RATINGS AND PERFORMANCE OF SUBSTITUTED EQUIPMENT ONLY AND WILL NOT ASSUME RESPONSIBILITY FOR SUBSTITUTION AT ANY LEVEL.
  - IF CONTRACTOR CANNOT MAKE SUBSTITUTED EQUIPMENT WORK IN THIS PROJECT, CONTRACTOR SHALL REVERT TO REQUIREMENTS OF PERMITTED CONSTRUCTION DOCUMENTS AT THEIR EXPENSE.
  - IT IS UNDERSTOOD BY ALL PARTIES THAT ANY SUBSTITUTIONS OF SPECIFIED PRODUCTS ARE DONE FOR THE PURPOSE OF COST SAVINGS TO THE OWNER. THEREFORE, ANY MATERIAL SUBSTITUTION OR DEVIATIONS PROPOSED BY THE CONTRACTOR SHALL BE INCLUDED WITH THE INITIAL BID AND SHALL SHOW A LINE ITEMS CREDIT TO THE OWNER FOR EACH SUBSTITUTION IN LIEU OF SPECIFIED PRODUCTS.
  - CONTRACTOR SHALL PROVIDE A POINT BY POINT PHOTOMETRIC STUDY FOR ALL AREAS WHERE ALTERNATE FIXTURES ARE SUBMITTED. LIGHT LEVELS WILL BE REVIEWED FOR COMPLIANCE WITH PROJECT REQUIREMENTS AND BASIS OF DESIGN VALUES.
- A COMPLETE TITLE 24 COMPLIANT LIGHTING CONTROL SYSTEM SHALL BE PROVIDED TO CONTROL ALL INTERIOR AND EXTERIOR LIGHTING SYSTEMS. REFER TO LIGHTING CONTROL DIAGRAMS, SCHEDULES AND DETAILS.
- PROVIDE ALL REQUIRED MOUNTING HARDWARE ANCHORAGE AND SUPPORTS TO INSTALL LIGHTING FIXTURES.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERABLE LIGHTING SYSTEM AS PART OF THIS BUILDING CONTRACT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE FIXTURE BALLAST OR DRIVER VOLTAGE MATCHES THE CIRCUIT VOLTAGE SUPPLYING FIXTURE PRIOR TO ORDERING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BALLAST/DRIVER DIMMING CONFIGURATION IS COMPATIBLE WITH CONTROLS BEING PROVIDED PRIOR TO ORDERING FIXTURES. EX. 2 WIRE, 3 WIRE, 4 WIRE, 0-10V, CAT 5, ETC.
- LED LIGHT FIXTURES SHALL BE IN ACCORDANCE WITH IES, NFPA, UL, AS SHOWN ON THE DRAWINGS, AND AS SPECIFIED.
- LED LIGHT FIXTURES SHALL BE REDUCTION OF HAZARDOUS SUBSTANCES (ROHS)-COMPLIANT.
- LED DRIVERS SHALL INCLUDE THE FOLLOWING FEATURES UNLESS OTHERWISE INDICATED:
  - MINIMUM EFFICIENCY: 85% AT FULL LOAD.
  - MINIMUM OPERATING AMBIENT TEMPERATURE: -20 DEG C. (4 DEG F.)
  - INPUT VOLTAGE: 120-277V (+10%) AT 60 HZ, UNLESS OTHERWISE INDICATED.
  - INTEGRAL SHORT CIRCUIT, OPEN CIRCUIT, AND OVERLOAD PROTECTION.
  - POWER FACTOR: >=0.95
  - TOTAL HARMONIC DISTORTION: <=20%.
  - COMPLY WITH FCC 47 CFR PART 15.
- LED MODULES SHALL INCLUDE THE FOLLOWING FEATURES UNLESS OTHERWISE INDICATED:
  - COMPLY WITH IES LM-79 AND LM-80 REQUIREMENTS.
  - MINIMUM CRI 80 AND COLOR TEMPERATURE 4000K UNLESS OTHERWISE SPECIFIED IN LUMINAIRE SCHEDULE.
  - MINIMUM RATED LIFE: 50,000 HOURS PER IES L70.
  - LIGHT OUTPUT LUMENS AS INDICATED IN THE LUMINAIRE SCHEDULE.
- ALL FIXTURES MOUNTED OUTDOORS SHALL BE LISTED FOR WET LOCATION.

### GENERAL NOTES

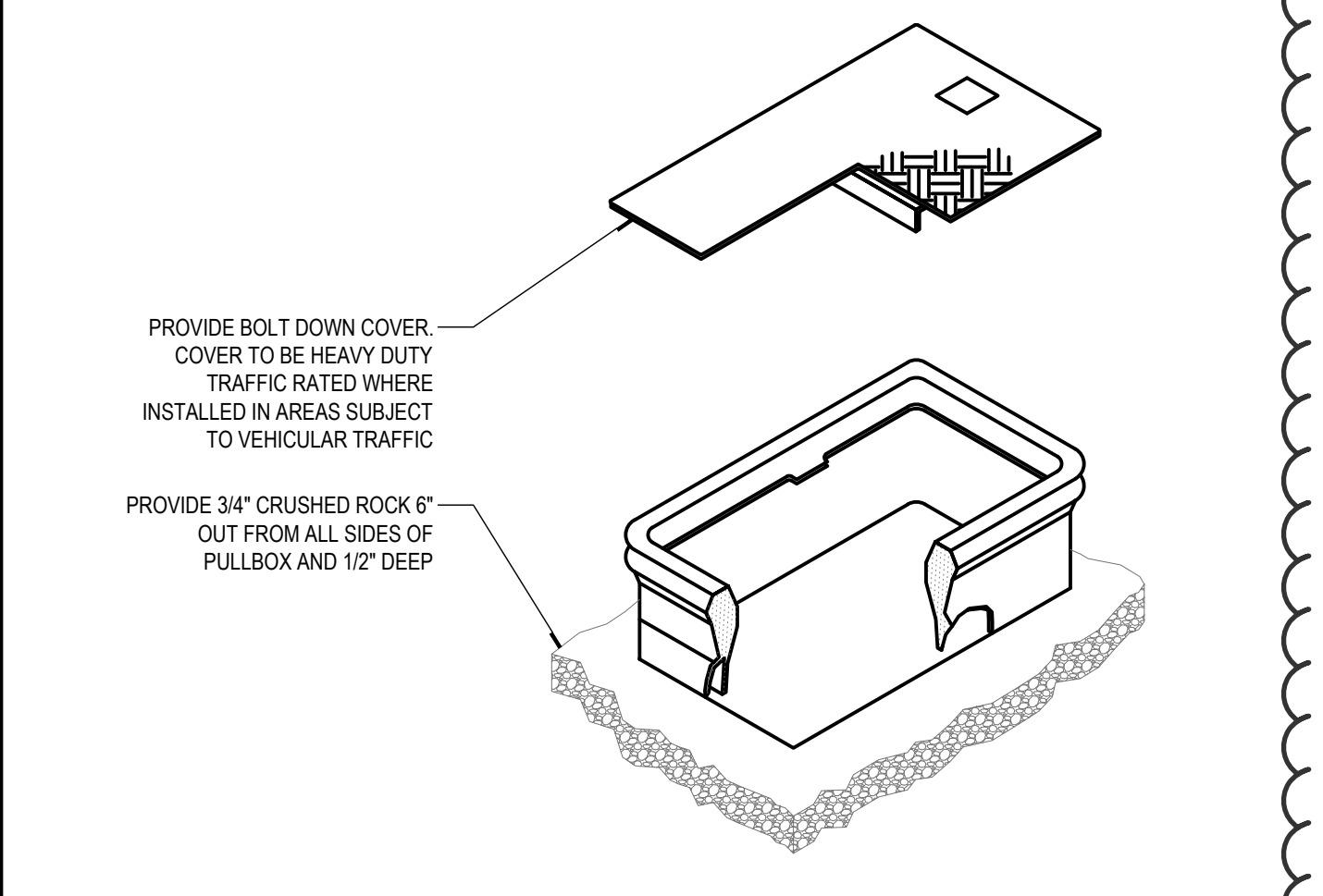
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST CODE OF FEDERAL REGULATIONS (CFR), 2022 CEC AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.
- ALL WORK IS NEW UNLESS NOTED OTHERWISE.
- ALL PANELS, SWITCHES, ETC. SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS IN COMPLIANCE TO UL REQUIREMENTS TO ACCOMMODATE CONDUCTORS SHOWN.
- WHERE WIRE SIZES ARE INDICATED ON PLANS, FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL APPLY TO THE COMPLETE CIRCUIT, UNLESS OTHERWISE NOTED.
- WHERE EXISTING CIRCUITS OR DEVICES ARE DEMOLISHED, MODIFIED, OR REUSED, ENSURE ALL EXISTING ELECTRICAL UTILIZATION DEVICES TO REMAIN ARE ENERGIZED UPON COMPLETION OF WORK.
- CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ANY WORK.
- CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL BUILDING EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OR OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND MINIMUM CODE REQUIRED WORKING CLEARANCES AT ALL TIMES.
- FURNISH PULL STRING IN EACH RACEWAY RUN OVER 10' IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED.
- PROVIDE PULL BOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT. PULL BOXES SHALL BE ACCESSIBLE. THE SIZE OF PULL BOX SHALL COMPLY WITH N.E.C. REQUIREMENTS.
- ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT INCLUDING THOSE THAT ARE EXPOSED TO OUTSIDE ENVIRONMENT SHALL BE WEATHERPROOF TYPE, NEMA 3R.
- DISCONNECT SWITCHES SHALL BE MOUNTED ON INDIVIDUAL SUPPORTS, OR OTHERWISE DIRECTLY ON EQUIPMENT, PROVIDED NO MODIFICATION TO EQUIPMENT IS NECESSARY.
- ALL ELECTRIC MATERIAL SHALL BE LISTED BY "UL" FOR THE TYPE OF APPLICATION AND "UL" LABEL SHALL APPEAR ON ALL ELECTRICAL EQUIPMENT.
- CONTACT UTILITY COMPANIES FOR SCOPE OF WORK PRIOR TO SUBMITTING BID; INCLUDE UTILITY CHARGES IF ANY.
- ALL DISTRIBUTION AND CONTROL EQUIPMENT (SUCH AS CB'S, SWITCHES, CONTACTORS, ETC.), TERMINATIONS SHALL BE FULLY RATED PER UL AS FOLLOWS:
  - 100A OR LESS - 60°C OR MORE.
  - MORE THAN 100A - 75°C OR MORE.
- ANY ERRORS, OMISSIONS, OR DESIGN DISCREPANCIES ON PLANS OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL ENGINEER FOR CLARIFICATION OR CORRECTION PRIOR TO CONSTRUCTION AND PREPARATION OF SUBMITTAL PACKAGES.
- CONDUCTORS SHALL HAVE UNDERWRITERS LABORATORIES, INC. (UL) LISTED, 600 VOLT INSULATION OF TYPE SPECIFIED BELOW OR ELSEWHERE IN THE SPECIFICATIONS. CONDUCTORS SHALL BE COPPER AND LISTED FOR 90 DEGREE APPLICATIONS.
  - BRANCH CIRCUITS - LIGHTING AND POWER.
  - #10 AWG AND SMALLER, SOLID WIRE TYPE THW OR THHN/THWN-2, THW/THHN FOR DRY LOCATION ONLY).
  - #6 AWG TO #2 AWG, STRANDED TYPE THW OR THHN/THWN-2.
  - #1 AWG AND LARGER, STRANDED TYPE XHHW-2.
  - FEEDERS - TYPE THW OR THHN/THWN-2, OR XHHW-2.
- PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD. SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250.
- WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE 40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE.
- UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT.
- BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTAGES.
- CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFER TO PANEL SCHEDULES FOR CONDUCTOR AND CONDUIT SIZES.
- REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED BY MANUFACTURER TO FIXTURES AND CONTROLS.
- THE CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER TRADES, ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION, WHICH DIFFERS FROM THE WORK AS SHOWN ON THE CONTRACT DOCUMENTS, SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
- EXACT ROUTING METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN WOOD ROOF DECKS, WALL FLOORS OR STRUCTURAL STEEL MEMBERS SHALL BE DETERMINED BY THE CONTRACTOR IN FIELD. PERFORM CORING, SAWCUTTING, PATCHING AND REFINISHING OF EXISTING WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING AND WATER PROOFING REQUIREMENTS OF THE PARTICULAR WALL, FLOOR OR CEILING. ALL FIRE SEALS SHALL BE UL APPROVED. CONTRACTOR SHALL SCAN ALL CONCRETE WALLS AND SLABS FOR THE PRESENCE OF REBAR AND/OR UTILITIES PRIOR TO DRILLING OR CUTTING IF CONCRETE WORK IS INVOLVED. CONTRACTOR SHALL PROVIDE CERTIFICATION OF CALIBRATION OF CONCRETE SCANNING EQUIPMENT PRIOR TO PERFORMING WORK.

### SHEET INDEX

SHEET NUMBER	SHEET TITLE
E-0.1	ELECTRICAL LEGENDS, NOTES AND DETAILS
E-0.2	SINGLE LINE DIAGRAM, PANEL AND FEEDER SCHEDULES
E-0.3	TITLE 24 COMPLIANCE DOCUMENTS (PRESCRIPTIVE OUTDOOR)
E-0.4	TITLE 24 COMPLIANCE DOCUMENTS (PRESCRIPTIVE OUTDOOR)
E-1.1	ELECTRICAL SITE POWER & LIGHTING PLAN
E-1.2	ELECTRICAL SITE PHOTOMETRY PLAN



### EV CHARGER MOUNTING DETAIL

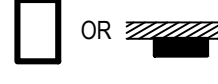
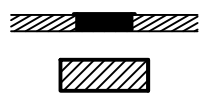
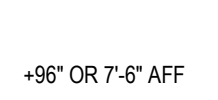
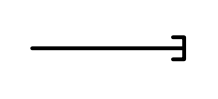
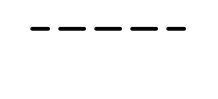
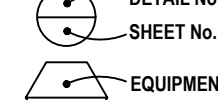


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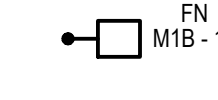
### ABBREVIATIONS

A	AMPERE	MLO	MAIN LUGS ONLY
AF	AMPERE FRAME RATING (CIRCUIT BREAKER)	MM	METER AND MAIN SECTION
AFC	AVAILABLE FAULT CURRENT	MV	MEDIUM VOLTAGE
AFB	ABOVE FINISHED FLOOR	NC	NORMALLY CLOSED
AFG	ABOVE FINISHED GRADE	NEC	NATIONAL ELECTRICAL CODE
AFU	AMPERE FUSE RATING (FUSE)	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AIC	AMPERE INTERRUPTING CAPACITY	NEW (N)	NEW, TO BE FURNISHED AND INSTALLED BY CONTRACTOR
AS	AMPERE SWITCH RATING (FUSE)	NF	NON-FUSED
AT	AMPERE TRIP RATING (CIRCUIT BREAKER)	NG	NOT IN CONTRACT
AWG	AMERICAN WIRE GAUGE	NIL	NIGHT LIGHT
BCG	BARE COPPER GROUND	NO	NUMBER, NORMALLY OPEN
BKBD	BACKBOARD	NTS	NOT TO SCALE
BLDG	BUILDING	OC	ON CENTER
BKR	BREAKER	OD	OUTSIDE DIAMETER
C	CONDUIT	P	POLE
CB	CIRCUIT BREAKER	PB	PULL BOX
CKT	CIRCUIT	PF	POWER FACTOR
CFSD	COMBINATION FIRE SMOKE DAMPER	PH	PHASE
CO	CONDUIT ONLY	PNL	PANEL
CT	CURRENT TRANSFORMER	POC	POINT OF CONNECTION
CU	COPPER	PP	POWER POLE
CL	CENTERLINE	PWR	POWER
DISC	DISCONNECT	PVC	POLYVINYL CHLORIDE
DSBN	DISTRIBUTION SECTION	QUAD	QUADRUPEX
DN	DOWN	QTY	QUANTITY
DWG	DRAWING	RCS	RIGID GALVANIZED STEEL
EACH	EACH	RMC	RIGID METALLIC CONDUIT
EC	ELECTRICAL CONTRACTOR	RM	ROOM
ECC	EQUIPMENT GROUNDING CONDUCTOR	RNC	RIGID NONMETALLIC CONDUIT
EM	EMERGENCY	SHT	SHEET
EMT	ELECTRICAL METALLIC TUBING	SN	SOLID NEUTRAL
EPO	EMERGENCY POWER OFF	SPEC	SPECIFICATIONS
EXIST, (E)	EXISTING	SW	SWITCH
EKO	EXTERNAL OPERABLE DISCONNECT	SWBD	SWITCHBOARD
F	FUSE	TC	TIME CLOCK
FA	FIRE ALARM	TEL	TELEPHONE
FACP	FIRE ALARM CONTROL PANEL	TERM	TERMINAL
FF	FINISHED FLOOR	TP	TEMPORARY POLE
FG	FINISHED GRADE	TYP	TYPICAL
FLA	FULL LOAD CURRENT	UGFS	UNDERGROUND PULL SECTION
GEC	GROUNDING ELECTRODE CONDUCTOR	UL	UNDERWRITERS LABORATORY
GEN	GENERATOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UNON	UNLESS OTHERWISE NOTED
GFP	GROUND FAULT PROTECTION	V	VOLT, VOLTAGE
GND	GROUND	VA	VOLT-AMPERE
GRC	GALVANIZED RIGID CONDUIT	VD	VOLTAGE DROP
HD	HEAVY DUTY	VFC	VARIABLE FREQUENCY CONTROLLER
HOA	HAND-OFF-AUTOMATIC	VFD	VARIABLE FREQUENCY DRIVE
HP	HORSE POWER	W	WATT
HV	HIGH VOLTAGE	WH	WATT-HOUR
IDF	INTERMEDIATE DISTRIBUTION FRAME	WP	WEATHERPROOF
IG	ISOLATED/INSULATED GROUND	WW	WIREWAY
ISC	SHORT CIRCUIT CURRENT AVAILABLE IN RMS	XP	EXPLOSION PROOF
J-BOX	JUNCTION BOX	Z	IMPEDANCE
KCMIL	THOUSAND CIRCULAR MILS		
KV	KILOVOLT	4W	FOUR-WIRE
KV	KILO VOLT	3W	THREE-WIRE
KVA	KILO VOLT-AMPERE	SS	JUNCTION BOX (4 1/16\"/>

### POWER LEGEND AND SYMBOLS

SYMBOL	DESCRIPTION
	BRANCH PANELBOARD, WALL MOUNTED, SEE PLANS AND SCHEDULE, (SURFACE MOUNTED)
	BRANCH PANELBOARD, WALL MOUNTED, SEE PLANS AND SCHEDULE, (RECESSED MOUNTED)
	MAIN SWITCHBOARD, POWER OR LIGHT, FLOOR STANDING ENCLOSURE, (SEE SINGLE LINE DIAGRAM AND LOAD SUMMARY)
	MOUNTING HEIGHT FROM FINISHED FLOOR TO BOTTOM LINE OF OUTLET OR EQUIPMENT. FOR LIGHT FIXTURES, IT IS TO BOTTOM OF FIXTURE.
	CONDUIT STUBBED AND CAPPED, SIZE AND QUANTITIES PER PLANS.
	CONDUIT CONCEALED IN OR UNDER FLOOR, 3/4\"/>

### LIGHTING LEGEND AND SYMBOLS

SYMBOL	DESCRIPTION
	2'x4\"/>

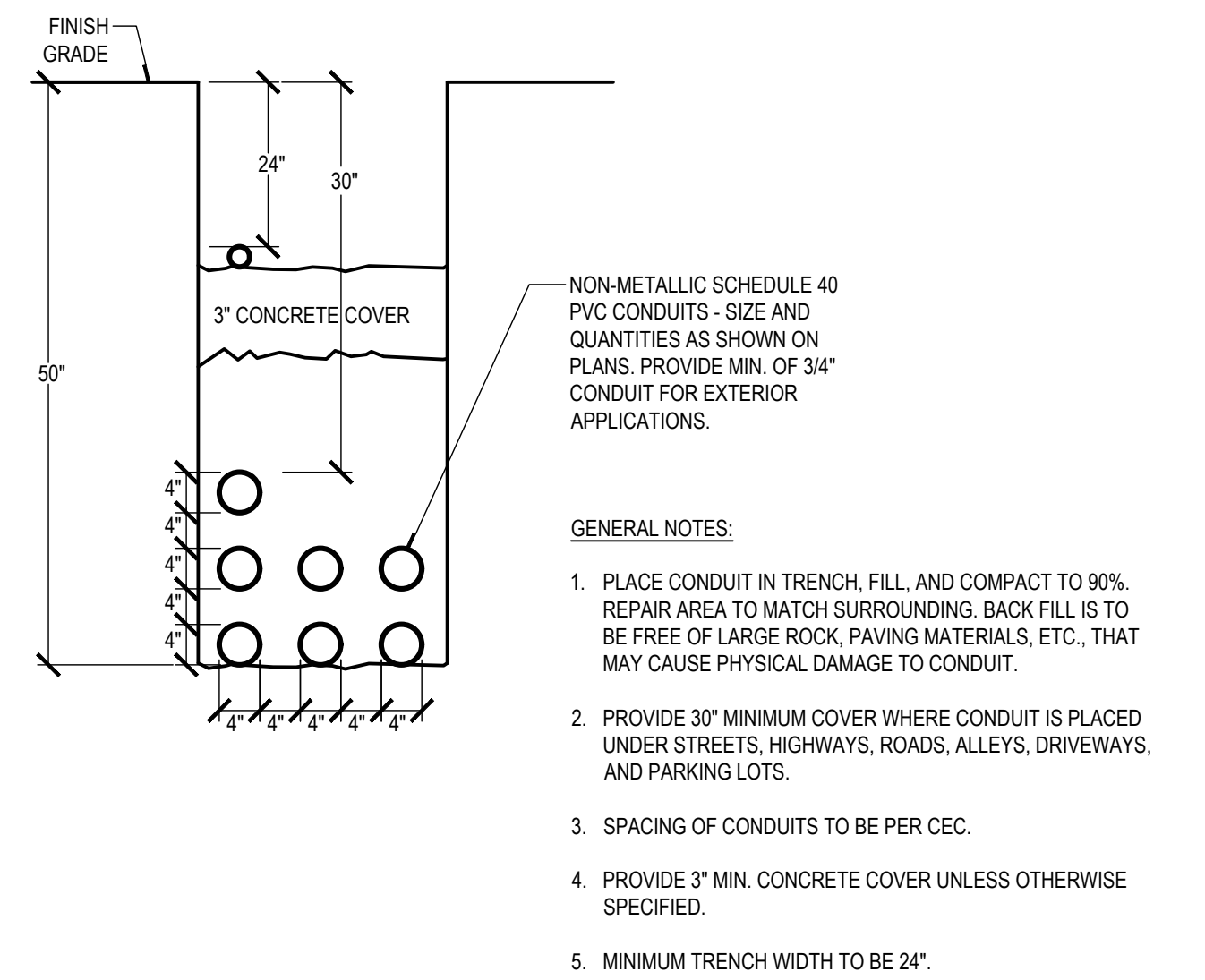
### APPLICABLE CODES

- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (IBC WITH AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (NEC WITH AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (UMC WITH AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (UPC WITH AMENDMENTS)
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (IFC WITH AMENDMENTS)
- 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS), PART 11, TITLE 24 C.C.R.

### NOTE TO CONTRACTOR

#### DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.



### CONDUIT BURIAL

RUHNAUCLARKE.COM

3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684-4664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438-8899

### BOARD OF EDUCATION - NEW PARKING LOT

701 N E ST, SAN BERNARDINO, CA 92410  
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

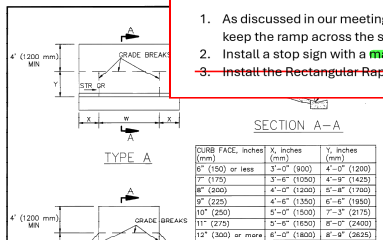
### ELECTRICAL LEGENDS, NOTES AND DETAILS

E-0.1



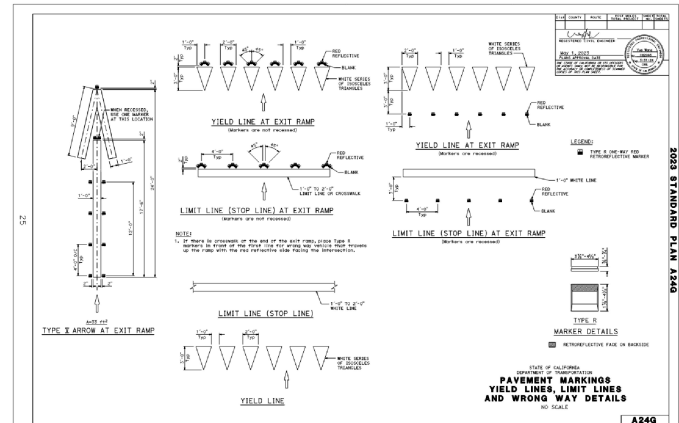
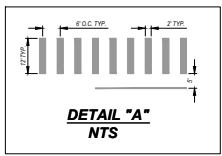
Per the direction of the City Engineer, please revise the Street Plans (E2400061) portion of the Juanita Jones Elementary Parking Lot to include the following:

- As discussed in our meeting on Tuesday, you agreed to construct an ADA compliant handicamp ramp at the northwest corner of F Street and Berkeley Avenue. Along with this ADA ramp, as previously already designed, keep the ramp across the street on the eastside of F Street.
- Install a stop sign with a **marked crosswalk** and **all the advance signage for stop-controlled intersection** (3-way Stop at the "T" intersection) at F Street and Berkeley Avenue.
- ~~Install the Rectangular Rapid Flashing Beacon previously planned for F Street and Berkeley Avenue at F Street and 7th Street where there is an existing marked cross-walk.~~



- NOTES:
- RESIDENTIAL DRIVEWAYS SHALL BE 4" (100 mm) THICK PCC.
  - COMMERCIAL DRIVEWAYS SHALL BE 6" (150 mm) THICK PCC.
  - WEAKENED PLANE JOINTS SHALL BE INSTALLED AT BOTH ENDS OF A DRIVEWAY AND AT 10' (3.0 m) INTERVALS.
  - CURB FOR TYPE C DRIVEWAY SHALL BE INTEGRAL AND MATCH ADJACENT CONSTRUCTION.
  - REFER TO LOCAL DEVELOPMENT REGULATIONS FOR AMERICANS WITH DISABILITIES ACT REQUIREMENTS AND MAXIMUM PERMITTED DRIVEWAY WIDTHS.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	
<b>DRIVEWAY APPROACHES</b>	<b>110-2</b>
DATE: 11/18/2020	DESIGNED BY: J. J. JONES
DATE: 11/18/2020	DESIGNED BY: J. J. JONES

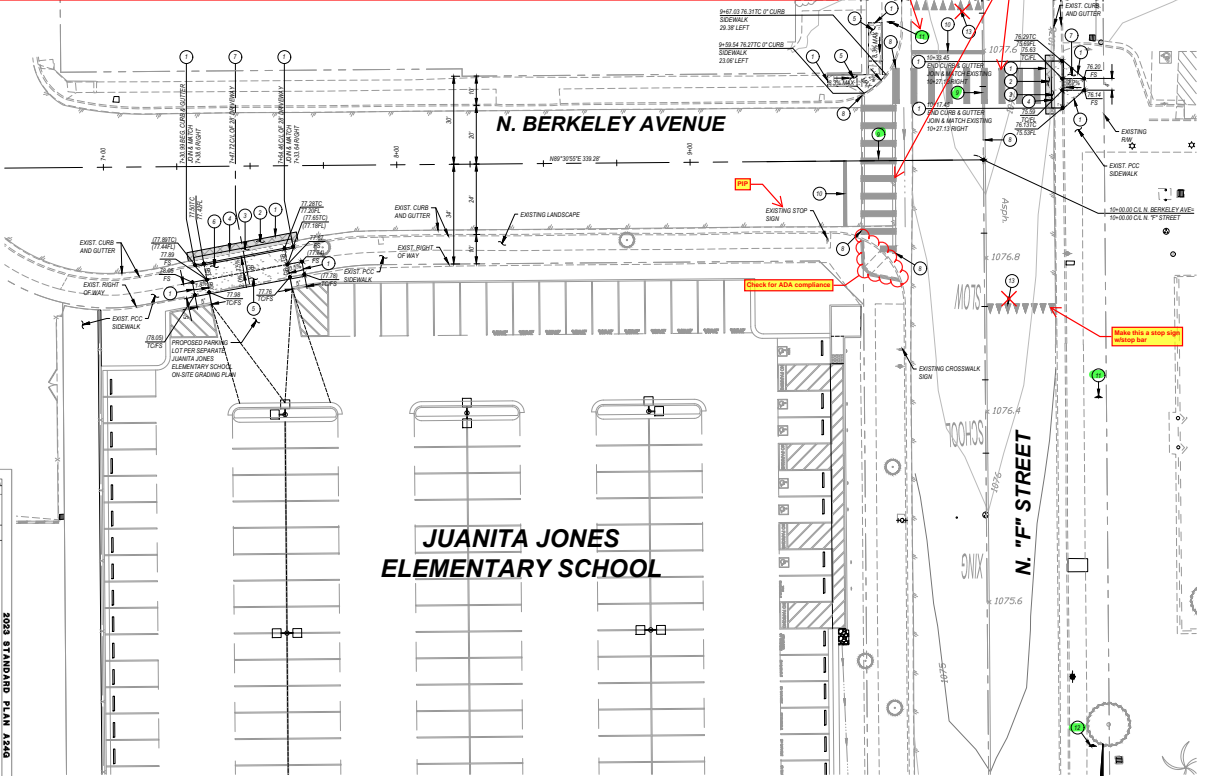


CONSTRUCTION NOTES & QUANTITY ESTIMATES

- SAWCUT, JOIN AND MATCH EXISTING CURB, GUTTER AND/OR SIDEWALK. 136 LF
- COLD PLANE GRIND EXISTING PAVEMENT 0.17" (2") DEPTH & OVERLAY WITH 0.17" MIN ASPHALT WITH FOG SEAL. 125 SF
- PLACE FULL DEPTH AC PAVEMENT WITH FOG SEAL. 50 SF
- SAWCUT AND REMOVE EXISTING AC PAVEMENT. 50 SF
- CONSTRUCT 4" PCC SIDEWALK PER CITY OF S.B. STD. DWG. 202 TYPE B. 180 SF
- CONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF SPPWC STD. DWG. 110-2 SHOWN HEREON TYPE B MODIFIED W/30' THICKNESS = 6". SEE ON-SITE PLANS FOR CONTINUATION OF DESIGN. 158 SF
- CONSTRUCT RAMP PER COUNTY OF S.B. STD. DWG. 110. 1 EA
- REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING. 47 LF
- APPLY 12" YELLOW CONTINENTAL CROSSWALK PER CALTRANS LATEST EDITION STD. PLAN A24F AND PER DETAIL A HEREON. 209 LF
- APPLY WHITE LIMIT PER CALTRANS STANDARD A24G. 47 LF
- FURNISH AND INSTALL MUTEC CROSSWALK SIGN S1-1 WITH W16-7P ADDITION. 1 EA
- FURNISH AND INSTALL MUTEC CROSSWALK SIGN S1-1 WITH W16-2AP ADDITION. 1 EA
- APPLY YIELD LINE PAVEMENT MARKINGS PER CALTRANS LATEST EDITION STD. PLAN A24F. 29 LF
- CONSTRUCT 8" CURB AND GUTTER PER CITY OF S.B. STD. DWG. 200. 50 LF

Aspen to sand example of preferred crosswalk

Modify appropriately





Mark this sheet as "For reference only" if it is reissued.

Add a new sheet for Signing & Striping

Contact Susan & Azzam with any questions, copy Chris, Tom, & Kevin.



WDID NO. 836C405844 APN NO. 014027227 CUP/DP N/A

OFF-SITE ENGINEER SEAL 	OFF-SITE ENGINEER INFORMATION				APPROVED _____ 2025 CITY ENGINEER <b>AZZAM JABESHEH</b> REGISTERED CIVIL ENGINEER NO. <b>61198</b> DRAWN BY: DVM CHECKED BY: ACB RECORDED BY:	CITY OF SAN BERNARDINO Public Works Department OFF-SITE PUBLIC IMPROVEMENT FOR 700 NORTH "F" STREET <b>STREET IMPROVEMENT PLAN</b>	ACTIVITY # <b>E2400061</b> SHEET <b>2</b> OF <b>2</b> <b>C-6.2</b>
		MARK	REVISIONS	BY	APPR.	DATE	
		BENCH MARK:					