

ARCATA, CALIFORNIA

FEBRUARY 2026

PREPARED BY:



DSA REQUIREMENTS

1. 2025 CBC CHAPTER 35: PROVIDE ALL THE APPLICABLE/ADOPTED STANDARDS. WHERE A PARTICULAR STANDARD IS REFERENCED IN THE CODE BUT DOES NOT APPEAR AS AN ADOPTED STANDARD IT MAY STILL BE USED. APPLY ONLY THE PORTION OF THE STANDARD THAT IS APPLICABLE TO THE CODE SECTIONS WHERE THE STANDARD IS REFERENCED, NOT THE ENTIRE STANDARD.

2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN

NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES; TITLE III COVERS OTHER ACCOMMODATIONS AND COMMERCIAL FACILITIES. DEPENDING ON THE USE AND FUNDING, BOTH TITLE MAY APPLY TO THE PROJECT.

ADA STANDARD FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)

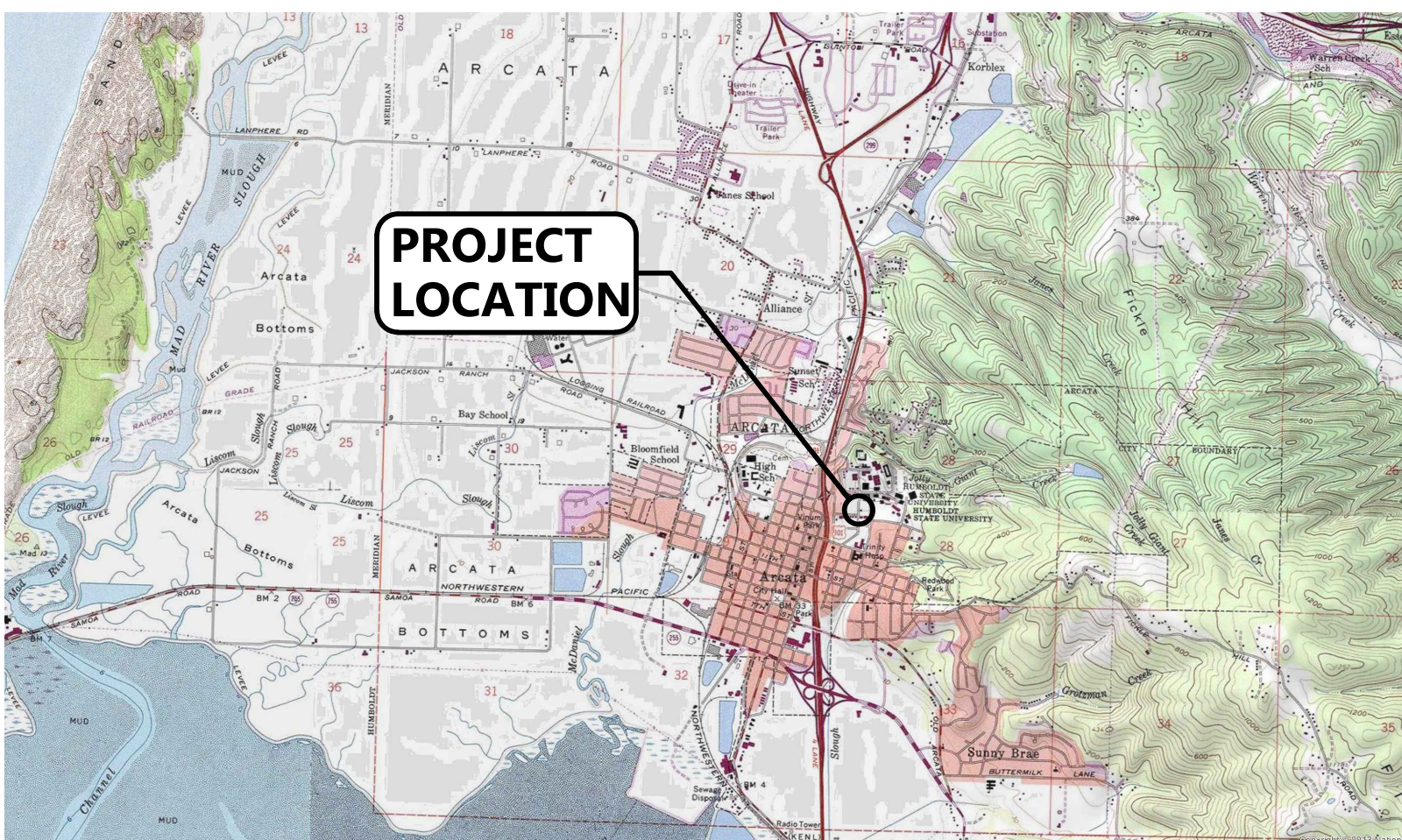
2. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENT WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

PROJECT DESCRIPTION

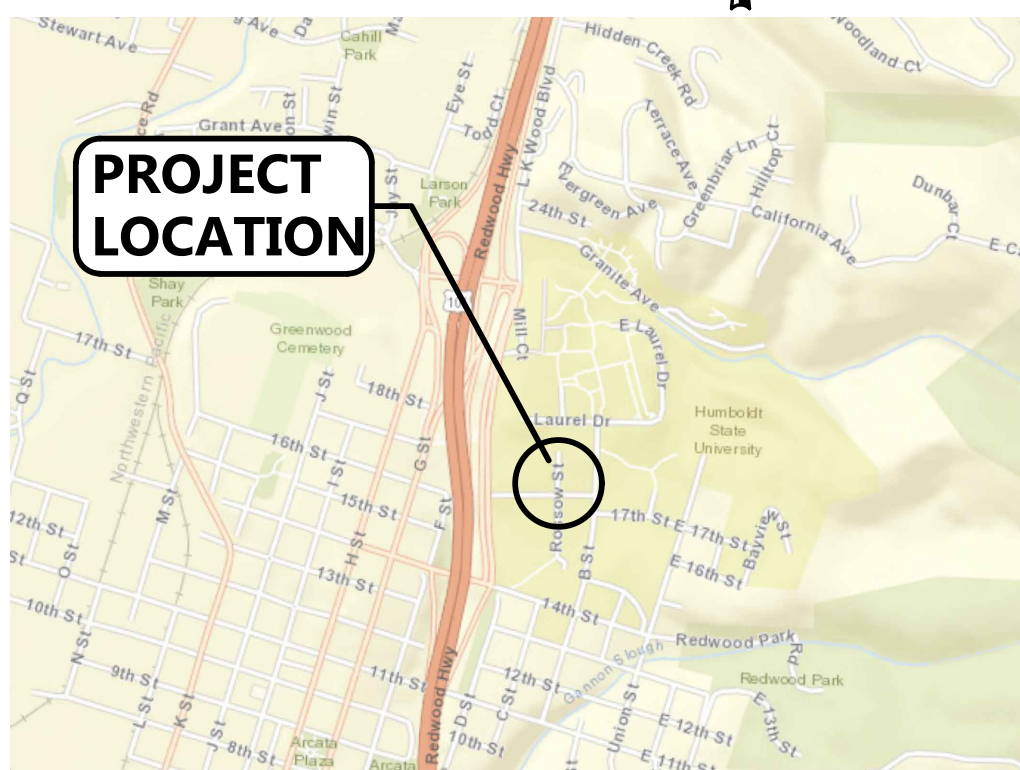
REDEVELOPMENT OF AN EXISTING ON-SITE PARKING LOT SUPPORTING THE MAIN COLLEGE CAMPUS THE STUDENT BODY TO INCLUDE NEW ACCESSIBLE PARKING STALLS, PATH OF TRAVEL, UPGRADES, AND A NEW ACCESSIBLE SHUTTLE STOP. IMPROVEMENTS INCLUDE BUT ARE NOT LIMITED TO, CLEARING AND GRUBBING, EXCAVATION, GRADING, DEMOLITION AND REMOVAL OF EXISTING FEATURES, INSTALLATION OF ENGINEERED FILL, ASPHALT PAVEMENT, CONCRETE FLATWORK, RETAINING WALL, RE-INSTALLATION OF SITE AMENITIES, LIGHTING, STORM DRAIN PIPING, DRAIN INLETS, LANDSCAPING, STRIPING, AND SIGNAGE.

BIDDING NOTE:
This planset is released with Addendum #4

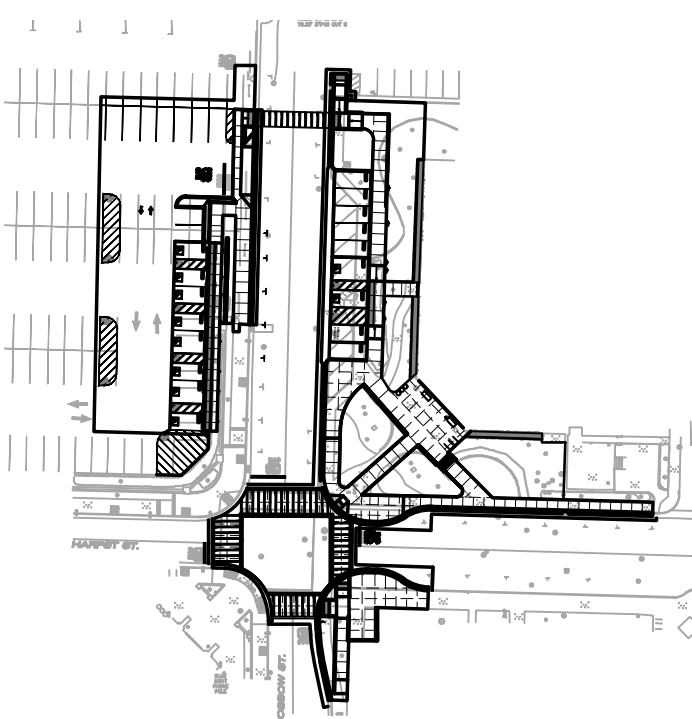
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VICINITY MAP



SITE MAP



PROJECT OVERVIEW



Know what's below.
Call before you dig

CONTRACTOR SHALL CALL
UNDERGROUND SERVICE ALERT
AT 811 TWO WORKING DAYS
PRIOR TO EXCAVATION.
LANDLINE: 1-800-227-2600



812 W. WABASH AVE
EUREKA, CA. 95501
WWW.SHN-ENGR.COM
707-441-8855

VERIFY SCALE

BAR IS ONE INCH ON
ORIGINAL DRAWING
0  1
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

[illegible]

CAL POLY HUMBOLDT
CPH G11 PARKING LOT
ARCATA, CALIFORNIA

COVER

DATE	DSGN	CC
02/2026	DR	CDN/JWF
PROJ. NO.	CHK	JSO
025150		

SHEET

G1.0



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2/25/26

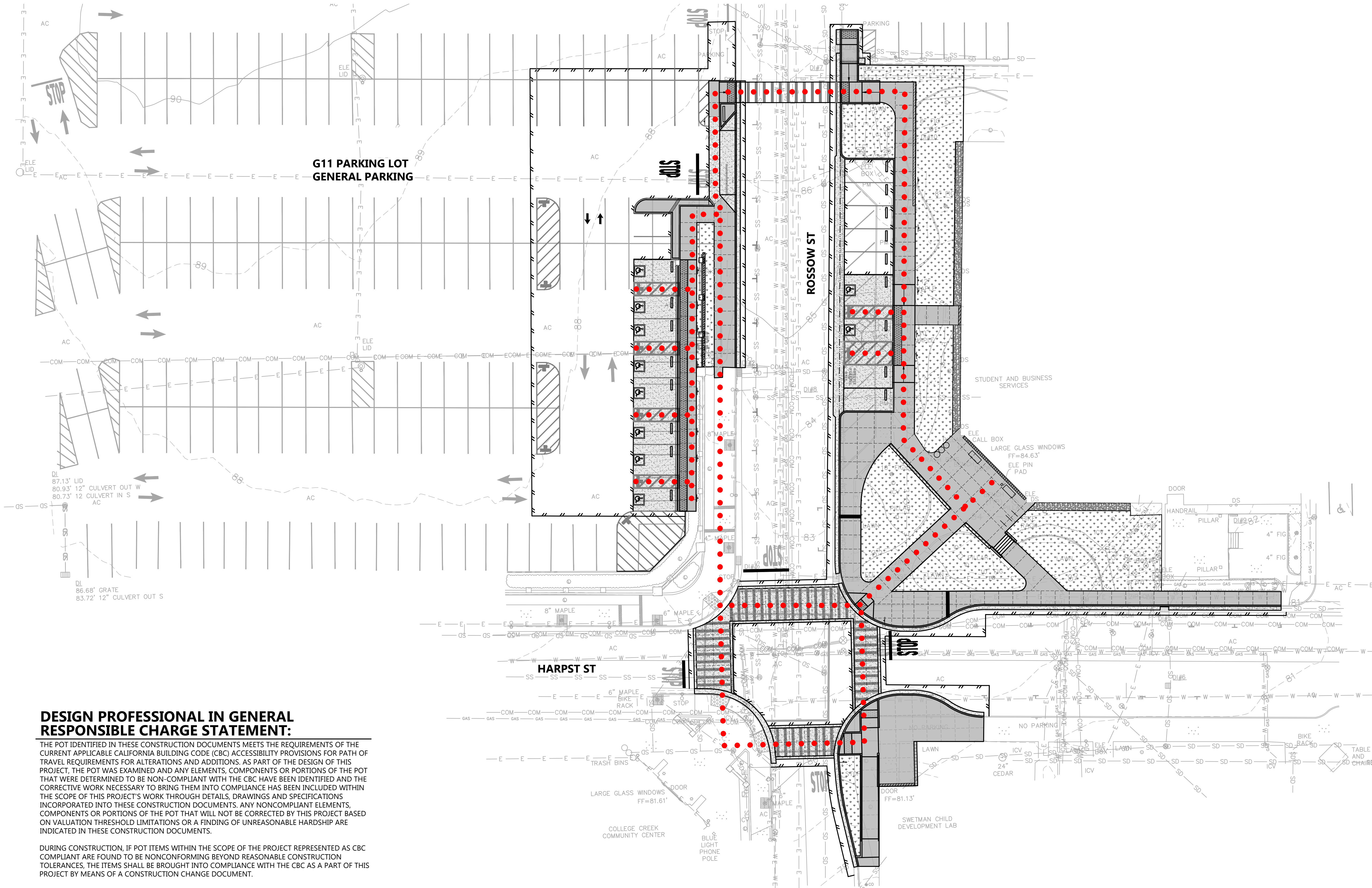
NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

CAL POLY HUMBOLDT
CPH G11 PARKING LOT
ARCATA, CALIFORNIA

PROJECT OVERVIEW AND
SITE ACCESS PLAN

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
		CHK	JSO
SHEET			

G2.0



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 AND ADDITIONS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT 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.

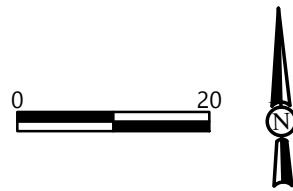
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

ACCESSIBLE PATH OF TRAVEL:

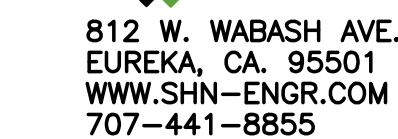
ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT 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 OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

LEGEND	
SYMBOL	DESCRIPTION
●	ACCESSIBLE PATH OF TRAVEL

PLAN
1"=20'



PARKING COUNTS			
PARKING STALL TYPE	REQUIRED	PROVIDED	COMMENTARY
TOTAL EXISTING PARKING STALLS		290	INCLUDING ACCESSIBLE AND STANDARD PARKING STALLS
TOTAL REMOVED PARKING STALL		27	STALLS REMOVED FOR DEVELOPMENT
STANDARD PARKING STALLS		253	REMAINING STANDARD DIMENSION PARKING STALLS
ACCESSIBLE STALLS	7	10	TOTAL NEW ACCESSIBLE PARKING STALLS
STANDARD ACCESSIBLE STALLS	5	7	NEW STANDARD ACCESSIBLE PARKING STALLS - INCLUDED IN TOTAL
VAN ACCESSIBLE STALLS	2	3	NEW VAN ACCESSIBLE PARKING STALLS - INCLUDED IN TOTAL

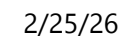


VERIFY SCALES

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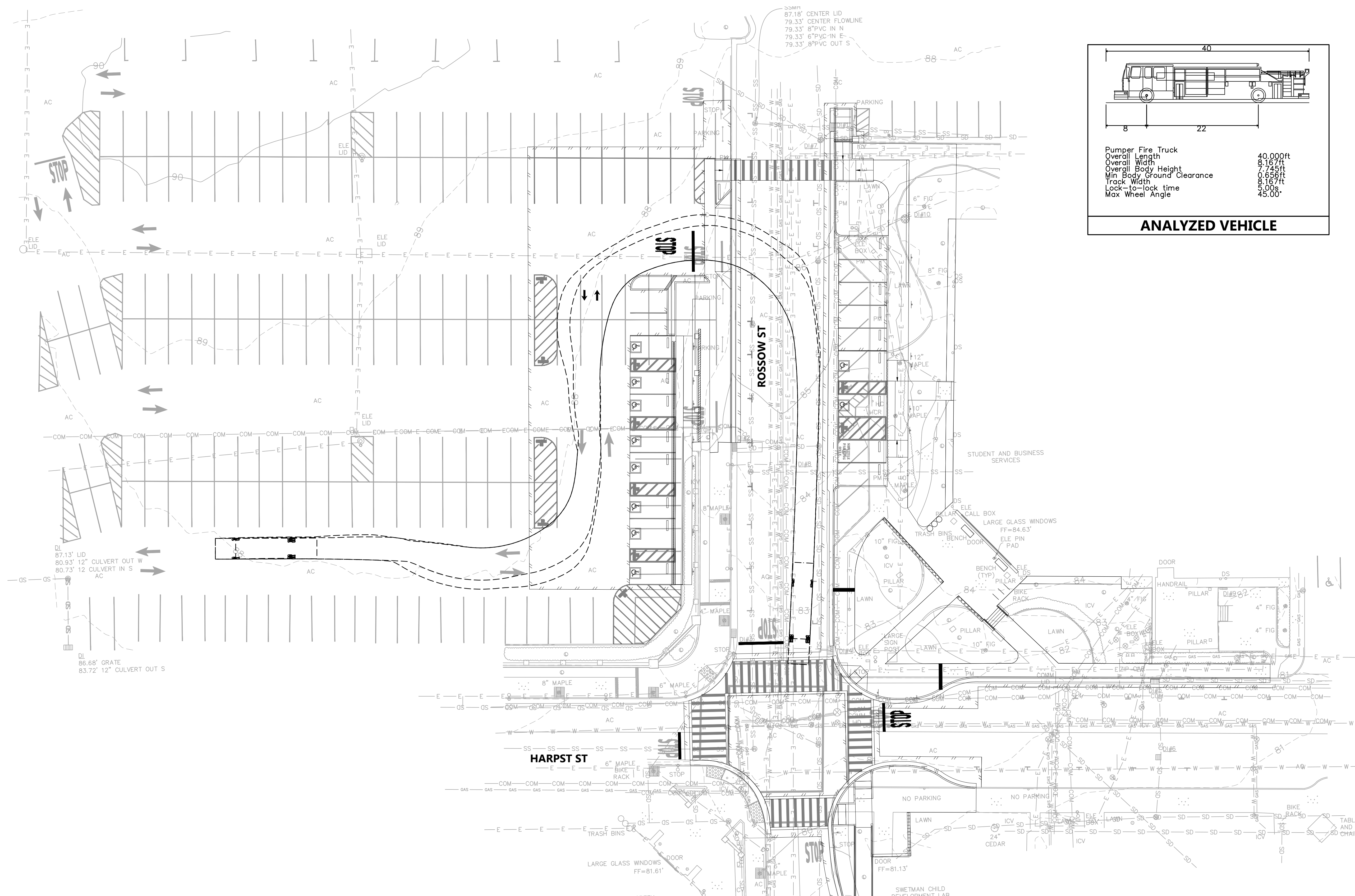
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

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SITE FIRE ACCESS

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
		CHK	JSO

G3.0



PLAN
1"=20'



1. ALL SITE WORK SHALL CONFORM TO 2025 CALIFORNIA BUILDING CODE.
2. THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT.
3. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BY THE CONTRACTOR BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDED SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. CONTRACTOR SHALL PERFORM TRENCH WORK IN CONFORMANCE WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS AND SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS (OSHA), RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND OTHER APPLICABLE AGENCIES.
5. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, ALL EQUIPMENT AND TOOLS, AND EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER AND THEIR CONSULTANTS.
6. THE CONTRACTOR SHALL INDEPENDENTLY REVIEW GROUND, TOPOGRAPHY AND TREE CONDITIONS THROUGHOUT THE SITE, AND ASSUME THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE OR OTHER CONDITIONS WHICH MAY BE ENCOUNTERED IN THE COURSE OF THE WORK.
7. ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS, OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
8. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED TESTED AND APPROVED PRIOR TO PAVING.
9. THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS BEFORE DIGGING AT 811 FOR LOCATES.
10. CONTRACTORS SHALL STOP WORK AND NOTIFY THE OWNER AND THE ENGINEER IF CULTURAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION. WORK IN THAT AREA SHALL NOT RESUME UNTIL APPROVAL IS GIVEN BY THE OWNER AND ENGINEER.
11. THE CONTRACTOR SHALL GIVE THE SPECIAL INSPECTOR 48 HOURS ADVANCE NOTICE OF ANY CONSTRUCTION OR REQUIRED TESTING.
12. SHOULD THE CONTRACTOR OR ANY OF THEIR AGENTS OR EMPLOYEES ENCOUNTER OR DISCOVER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
13. ALL SITE GRADING WILL BE INSPECTED. COMPACTION TESTING WILL BE CONDUCTED AFTER SUFFICIENT DENSITIES HAVE BEEN ACHIEVED IN THE CONTRACTOR'S OPINION. THE CONTRACTOR SHALL MAKE ALL REQUESTS FOR MATERIALS TESTING AT LEAST 48 HOURS IN ADVANCE. ANY SOILS THAT FAIL TO MEET THE REQUIRED COMPACTION LEVELS SHALL BE REMOVED, AND RECOMPACTED. ALL COSTS ASSOCIATED WITH ACHIEVING COMPACTION STANDARDS SHALL BE INCLUDED IN THE CONTRACTOR'S ORIGINAL BID.
14. TOPSOIL SHALL BE REMOVED FROM CUT AND FILL AREAS AND SHALL NOT BE USED FOR ENGINEERED FILL.
15. NO CHANGES OR MODIFICATIONS SHALL BE MADE TO THESE PLANS WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
16. CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITIES OR TRAFFIC CONTROL WITHIN THE CITY RIGHT OF WAY. THE CITY SHALL BE PRESENT DURING ALL WORK ON CITY UTILITIES.
17. ANY DAMAGE TO EXISTING CITY FACILITIES DURING CONSTRUCTION SHALL BE REPAIRED ACCORDING TO CITY REQUIREMENTS BY THE CONTRACTOR.

AGGREGATE BASE
AC MIX
ENGINEERED FILL MATERIAL FOR SITE WORK - IMPORT AND NATIVE
SITE CONCRETE MIX DESIGN AND JOINTING MATERIALS
SITE REBAR
STORM DRAIN PIPING, TRENCH DRAIN, AND STRUCTURES
TRUNCATED DOMES
WHEEL STOP
ADA PARKING SIGNAGE
STRIPING/TRAFFIC PAINT
ORNAMENTAL METAL FENCE
HANDRAILS

OBSERVATION
SUBGRADE INSPECTION AND PROOF-ROLL OBSERVATION - GEOTECHNICAL ENGINEER OF RECORD PAVEMENT SURFACE DRAINAGE TESTING - INSPECTOR OF RECORD
COMPACTION TESTING
ENGINEERED FILL MATERIAL - MATERIALS TESTING LAB AGGREGATE BASE MATERIAL - MATERIALS TESTING LAB TRENCH BACKFILL - MATERIALS TESTING LAB
CONCRETE COMPRESSIVE STRENGTH TESTING
VEHICULAR CONCRETE - MATERIALS TESTING LAB SITE RETAINING WALLS - MATERIALS TESTING LAB

EXISTING

	DROP INLET
	PARKING METER
	HYDRANT
	GAS METER
	GUY ANCHOR
	HOSE BIBB
	JOINT POLE
	LANDSCAPING
	LIGHT POLE
	POLE MOUNTED LUMINAIRE
	CLEANOUTS
	STORM DRAIN MANHOLE
	UTILITY POLE
	VAULT
	WATER METER
	WATER VALVE
	DOWN SPOUT
	WATER LINE
	OVERHEAD ELECTRIC
	ELECTRICAL LINE
	GAS LINE
	COMMUNICATION LINE
	STORM DRAIN LINE
	SANITARY SEWER LINE
	FIBER OPTIC LINE

PROPOSED

	ELECTRICAL LINE
	STORM DRAIN LINE
	PIPE SIZE AND FLOW DIRECTION
	DRAINAGE INLET

1. CONTACT THE ENGINEER FOR SYMBOLS OR ABBREVIATIONS NOT LISTED
2. SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

ABBREVIATIONS	
A	
@	AT
AC	ASPHALTIC CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
AGGR	AGGREGATE
ARCH	ARCHITECT
B	
BMP	BEST MANAGEMENT PRACTICE
BOF	BOTTOM OF FOOTING
C	
CBC	CALIFORNIA BUILDING CODE
CL	CENTER LINE
CLR	CLEAR
CONC	CONCRETE
D	
DIA	DIAMETER
E	
(E)	EXISTING
EG	EXISTING GROUND
ELEC	ELECTRIC
ESCP	EROSION AND SEDIMENT CONTROL PLAN
EW	EACH WAY
F	
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOW LINE
H	
H	HORIZONTAL
HORIZ	HORIZONTAL
HDPE	HIGH-DENSITY POLYETHYLENE
I	
ID	INSIDE DIAMETER
INV	INVERT
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY
K	
KSI	KILOPOUNDS PER SQUARE INCH
M	
MAX	MAXIMUM
MIN	MINIMUM
N	
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
P	
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE PLASTIC
R	
R	RADIUS
RC	RELATIVE COMPACTION
REQD	REQUIRED
RWQCB	REGIONAL WATER QUALITY CONTROL BOARD
S	
S	SLOPE
SD	STORM DRAIN
STA	STATION
STD	STANDARD
T	
TC	TOP OF CURB
TOC	TOP OF CONCRETE
TOG	TOP OF GRATE
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TYP	TYPICAL
V	
V	VERTICAL
VAR	VARIES



VERIFY SCALES

BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

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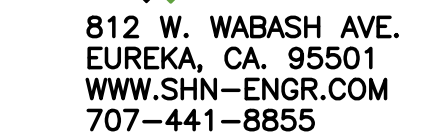
CAL POLY HUMBOLDT
CPH G11 PARKING LOT
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STANDARD ABBREVIATIONS AND LEGENDS

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02/2026	DR	CDN/JWF
PROJ. NO.	CHK	JSO
025150		

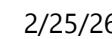
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EROSION AND SEDIMENT CONTRON PLAN

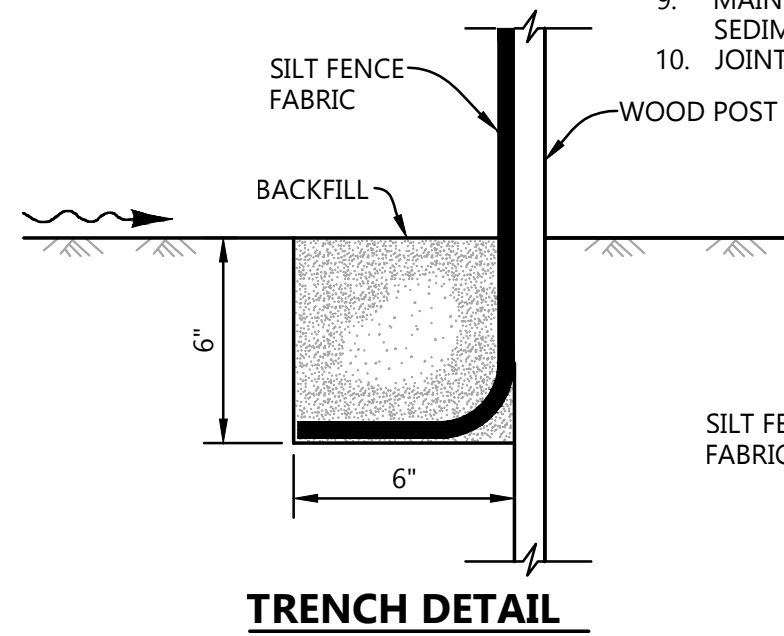
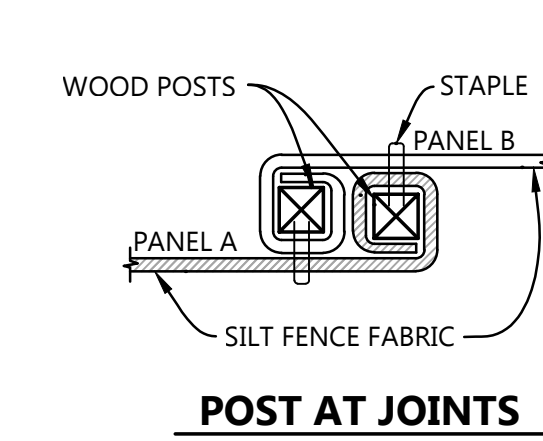
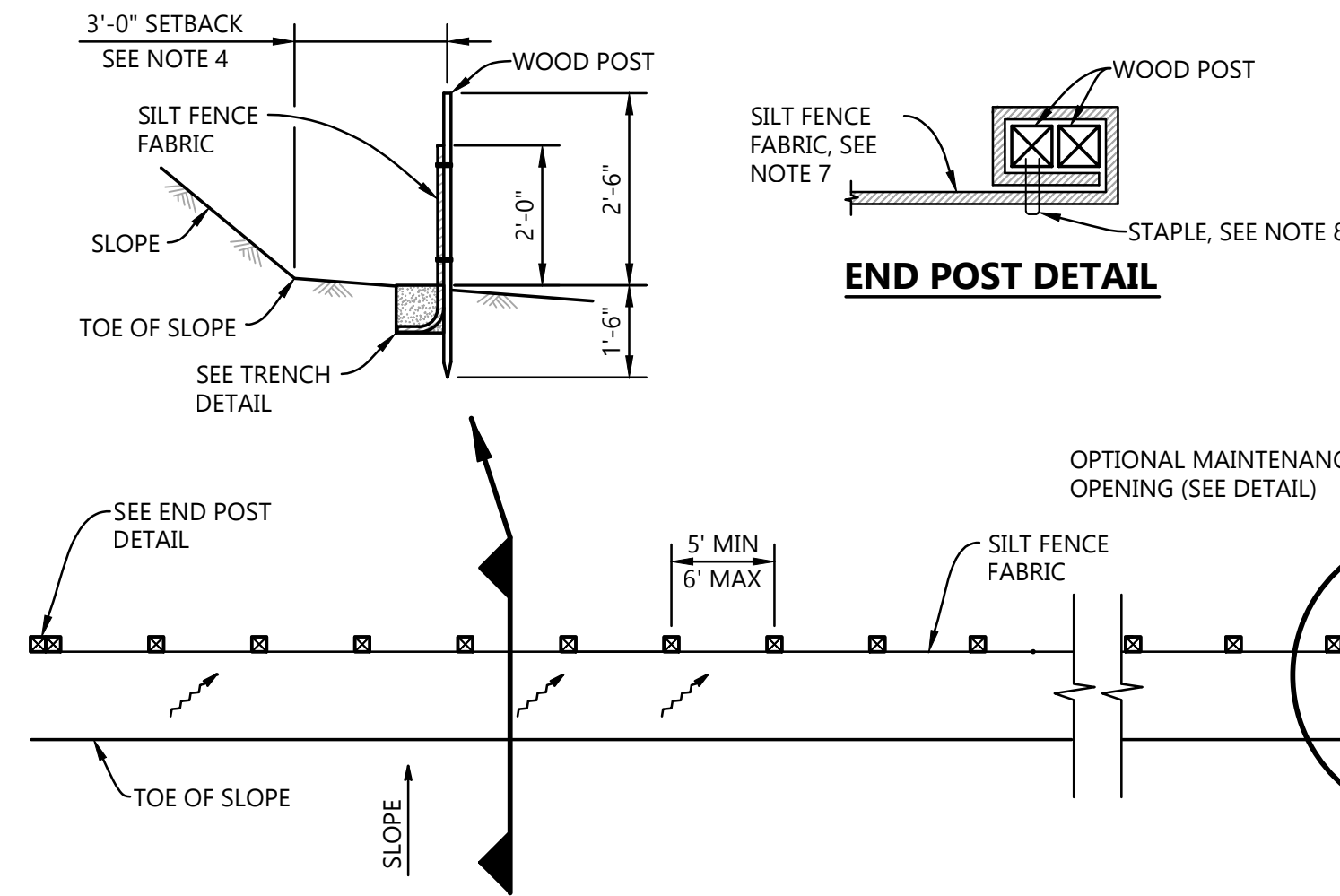
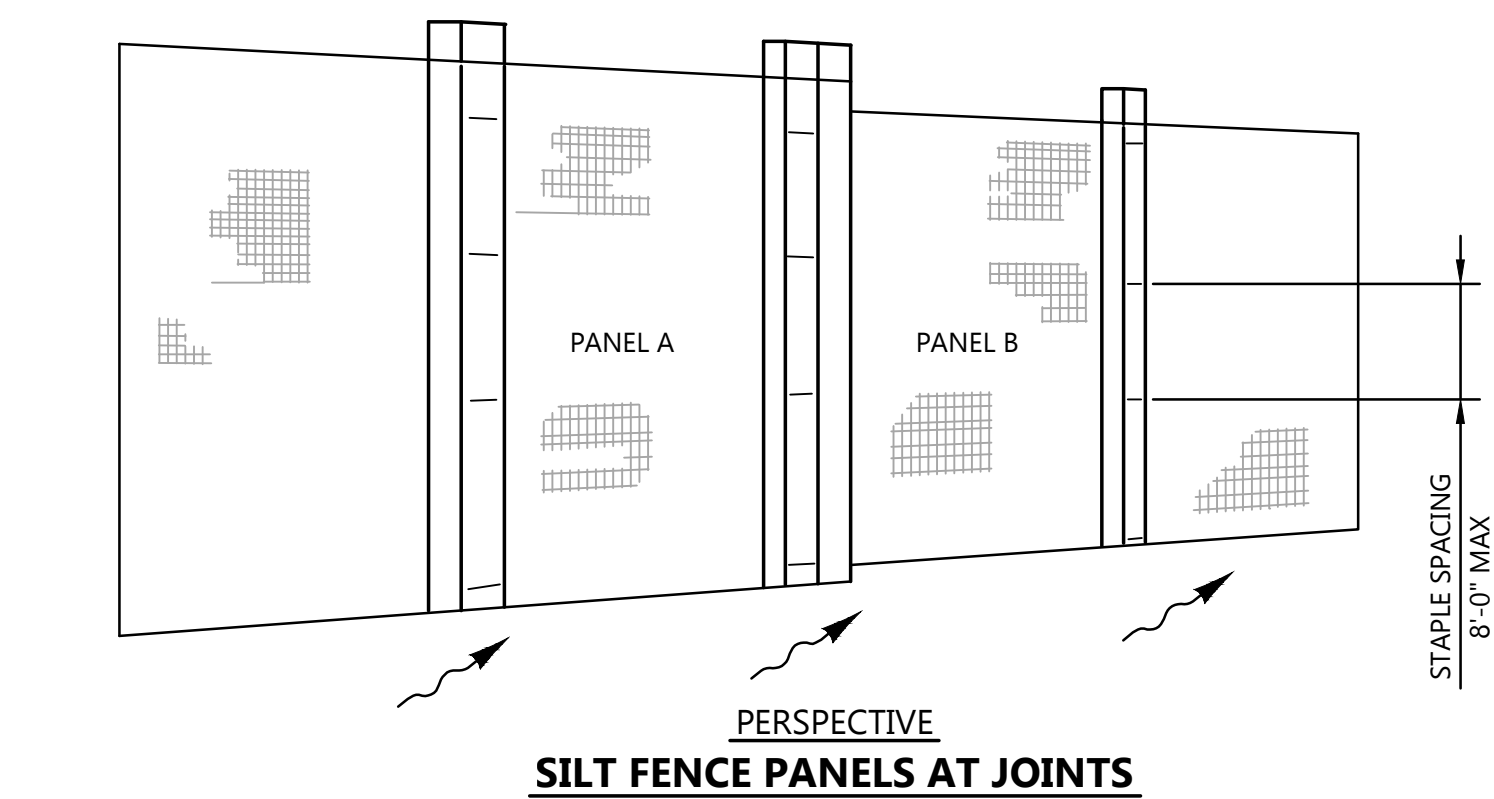
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	CHK
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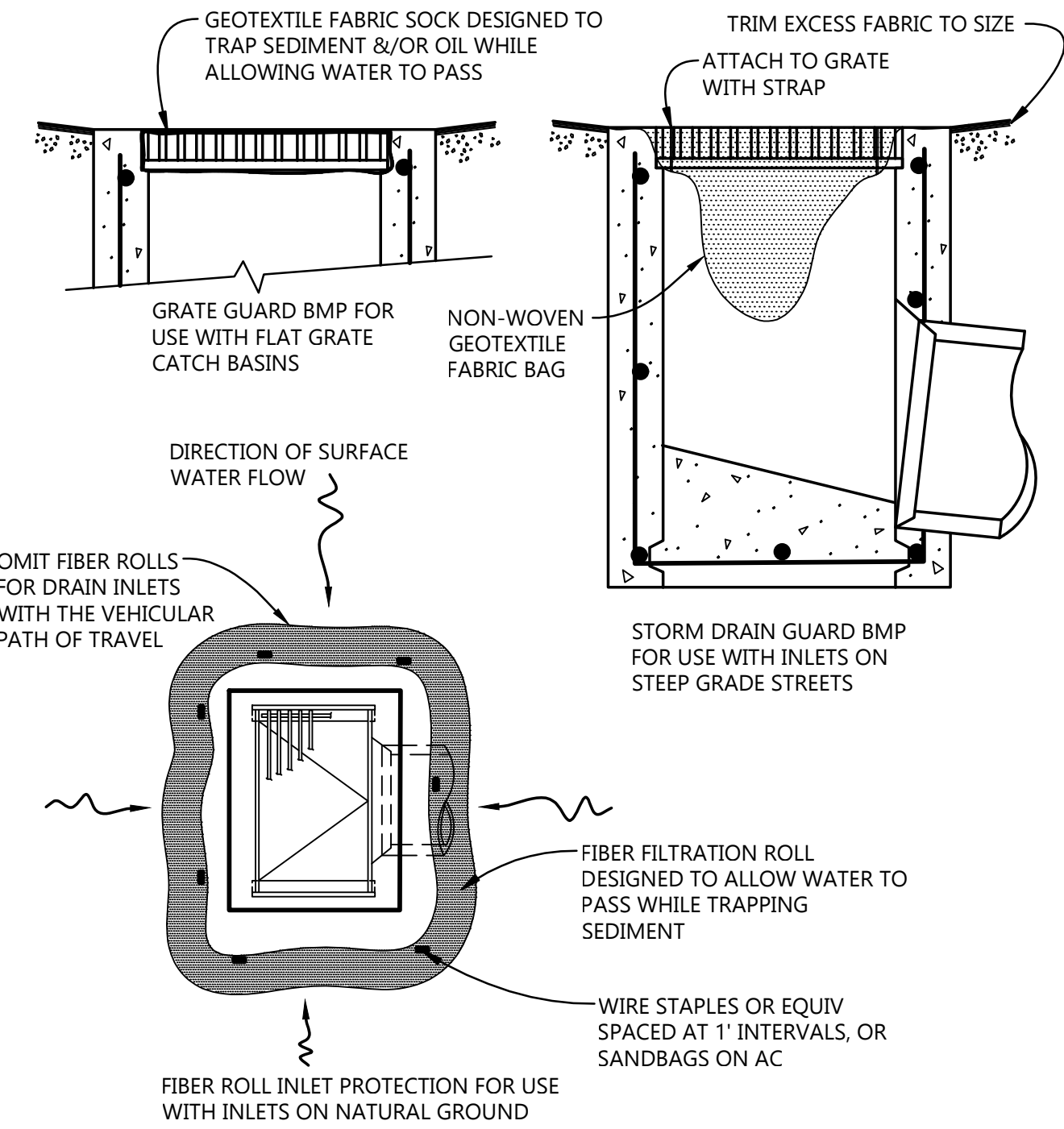
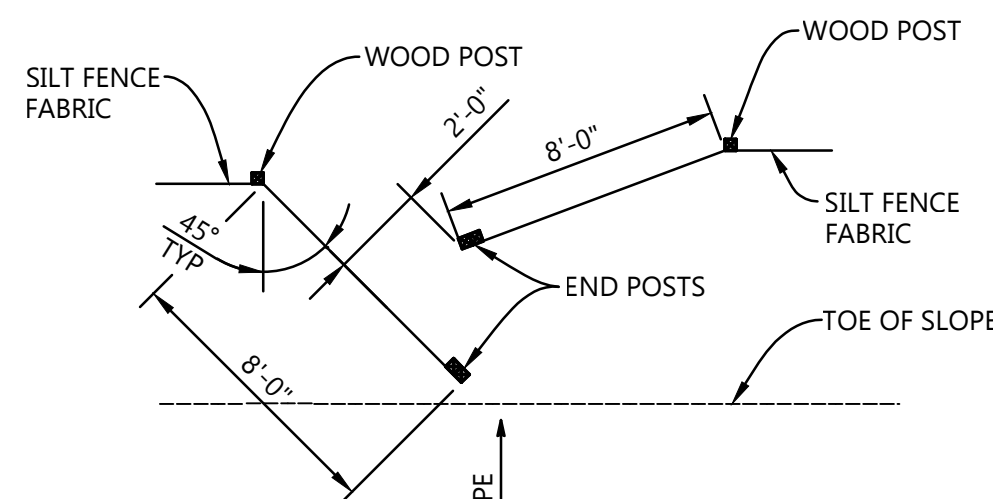
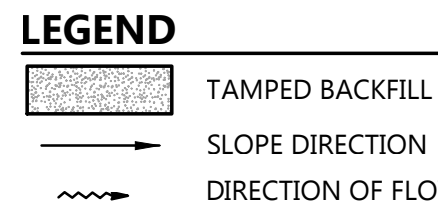


LEGEND

SYMBOL	DESCRIPTION	DETAIL	SHEET
	SILT FENCE	1	C1.1
	FIBER ROLL	4	C1.1
	STORM DRAIN INLET PROTECTION	2	C1.1
	STORM DRAIN INLET PROTECTION, WITHIN VEHICULAR PATH OF TRAVEL	2	C1.1
	LIMITS OF WORK	-	-



- NOTES:**
1. INSTALL TEMPORARY SILT FENCE BY FIRST DIGGING TRENCH, DRIVING POSTS, PLACING AND SECURING FABRIC, THEN BACKFILL AND TAMP.
 2. REACH LENGTH NOT TO EXCEED 500 FEET.
 3. THE DOWN STREAM END OF THE TEMPORARY SILT FENCE SHALL HAVE THE LAST 8' ANGLED UP SLOPE.
 4. SETBACK DIMENSIONS MAY VARY TO FIT FIELD CONDITIONS.
 5. POSTS TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH POST ONE FULL TURN. SECURE FABRIC WITH 4 STAPLES FOR EACH POST.
 6. POSTS SHALL BE DRIVEN TIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT THE JOINT. THE TOPS OF THE POSTS SHALL BE SECURED TO EACH OTHER WITH WIRE.
 7. FOR EACH END POST, FENCE FABRIC SHALL BE FOLDED AROUND TWO POSTS ONE FULL TURN AND SECURED WITH 4 STAPLES.
 8. MINIMUM OF 4 STAPLES SHALL BE INSTALLED PER POST. STAPLES TO BE 1/16"x1"x6".
 9. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED IN A MANNER TO ENSURE THAT SEDIMENT IS RETAINED BY THE TEMPORARY SILT FENCE.
 10. JOINT SECTIONS SHALL NOT BE PLACED AT SUMP LOCATIONS.



TEMPORARY SILT FENCE

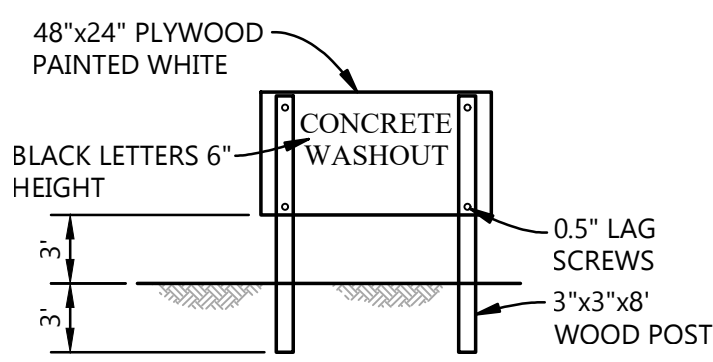
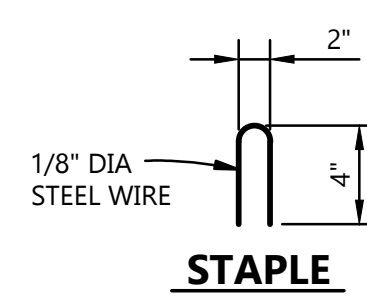
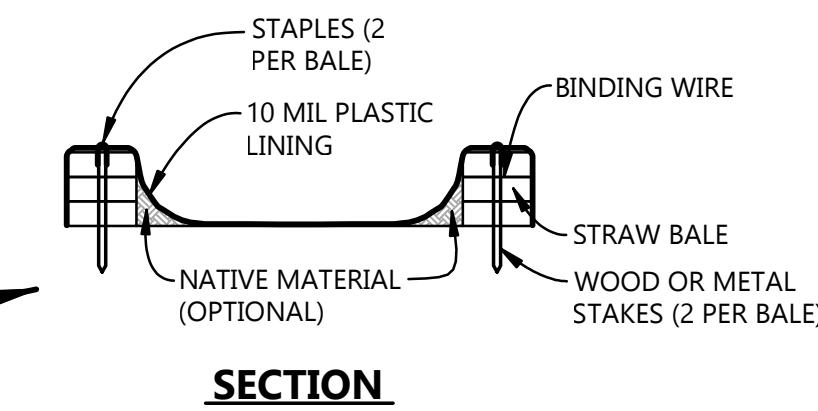
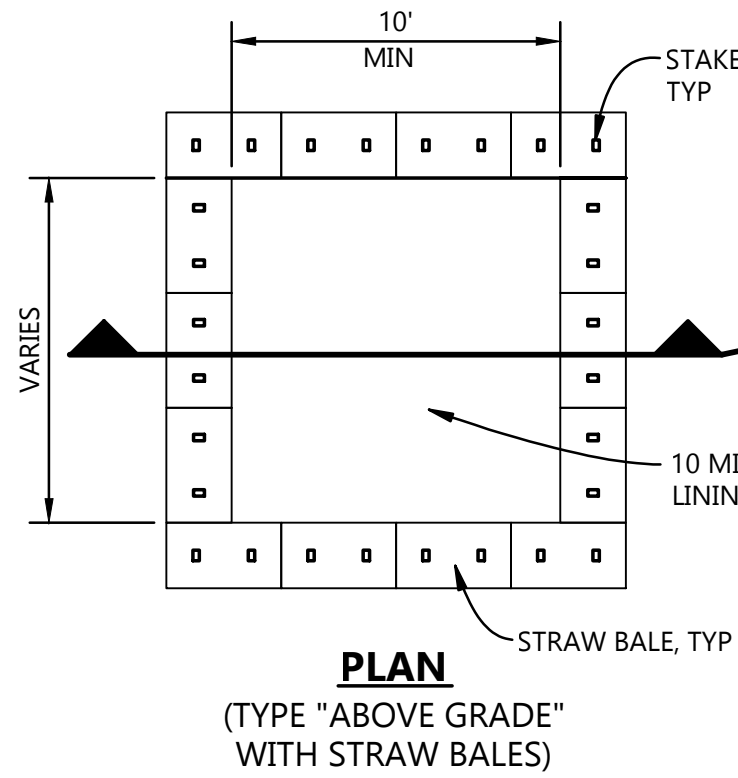
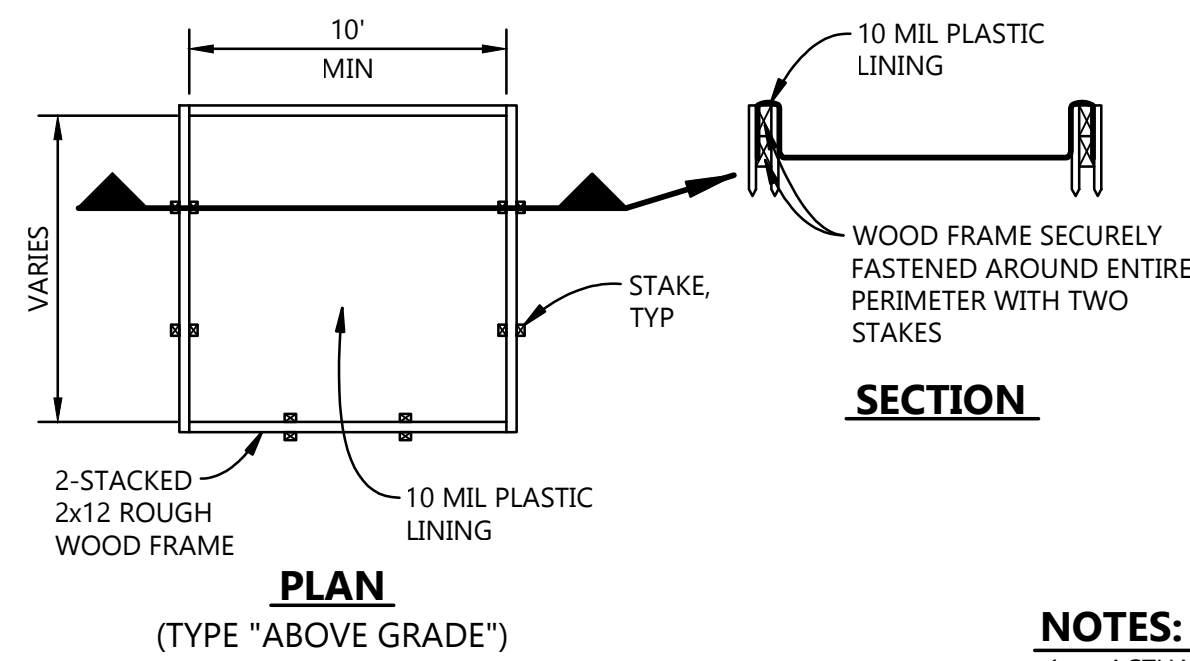
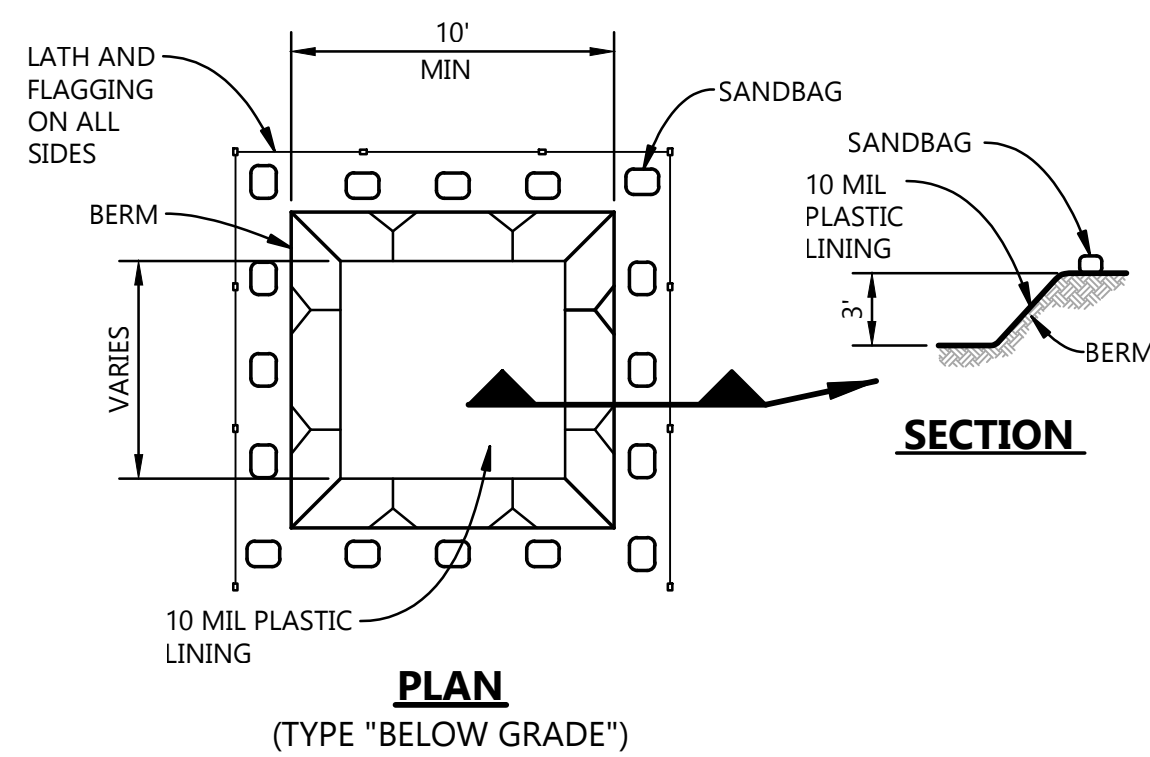
NTS

1

STORM DRAIN INLET PROTECTION

NTS

2



- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CONCRETE WASHOUT

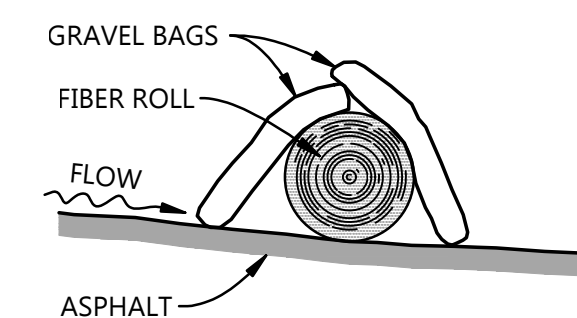
NTS

3

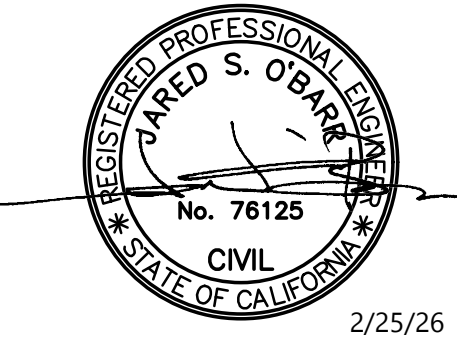
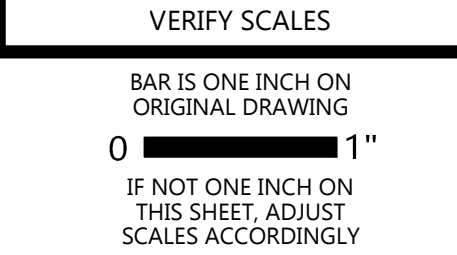
FIBER ROLL SEDIMENT BARRIER

NTS

4



- NOTES:**
1. BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
 2. SEDIMENT SHALL BE REMOVED WHEN IT BUILDS UP TO 1/3 OF THE BARRIER HEIGHT.
 3. THE FIBER ROLL SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FIBER ROLL SHALL BE SPLICED TOGETHER WITH A MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY WEIGHTED DOWN.
 4. WHEN NO LONGER REQUIRED, SLIT FIBER ROLLS DOWN THE LENGTH OF THE NETTING AND BROADCAST THE STRAW. GATHER NETTING AND PROPERLY DISPOSE.



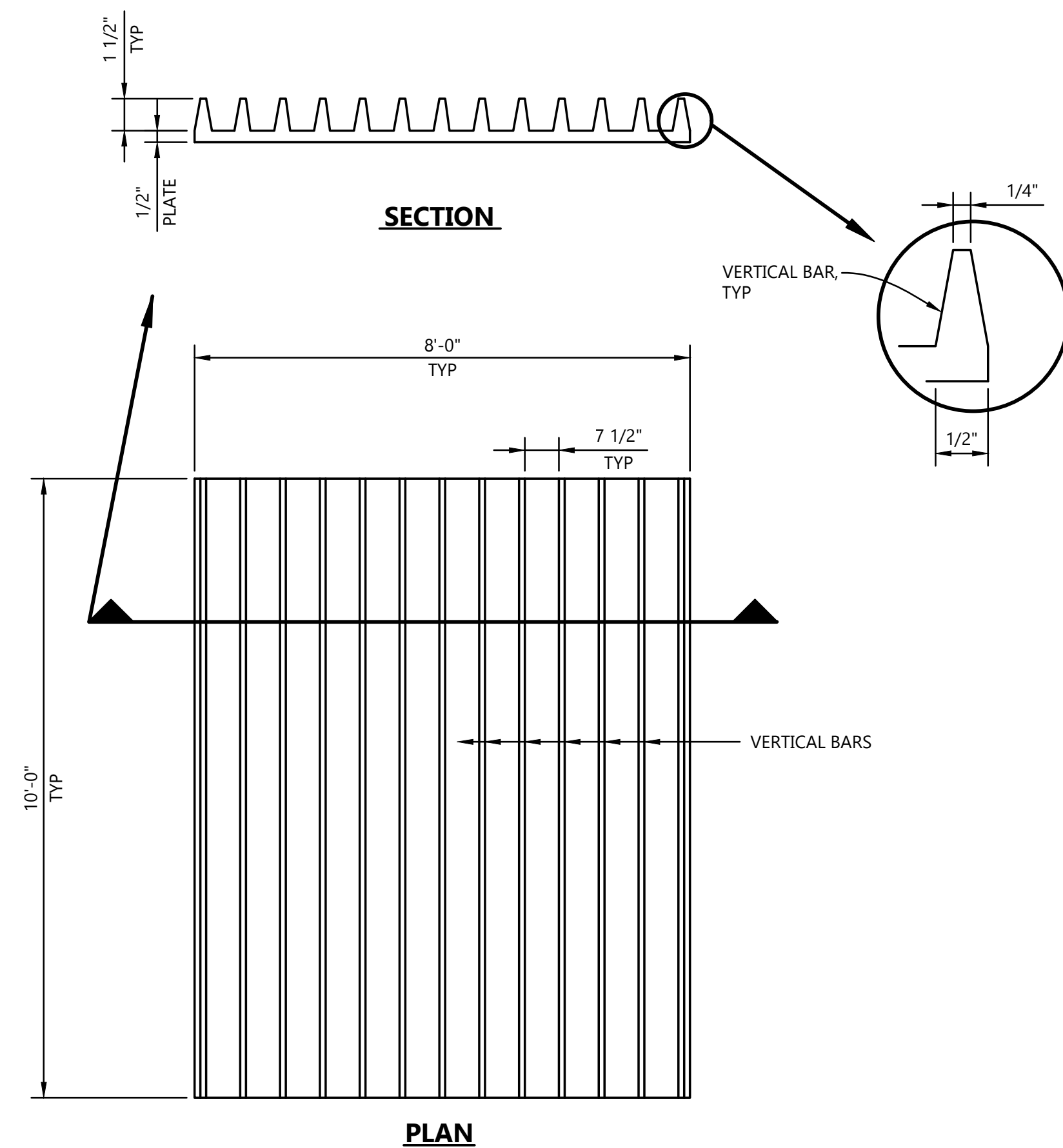
EROSION AND SEDIMENT CONTROL DETAILS

CAL POLY HUMBOLDT
CPH G11 PARKING LOT
ARCATA, CALIFORNIA

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
		CHK	JSO

SHEET

C1.1



CORRUGATED STEEL CONSTRUCTION ENTRANCE

NTS

1



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2/25/26

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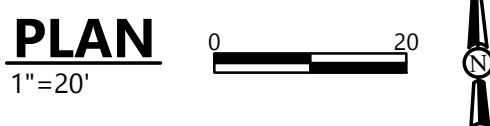
CAL POLY HUMBOLDT
CPH G11 PARKING LOT
ARCATA, CALIFORNIA

EROSION AND SEDIMENT CONTROL DETAILS

DATE	DSGN
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PROJ. NO.	DR
	CDN/JWF
025150	CHK
	JSO

SHEET

C1.2



KEYNOTES	
NO.	DESCRIPTION
D01	DEMO/REMOVE CONCRETE FLATWORK
D02	DEMO/REMOVE AC PAVING
D03	DEMO/REMOVE CONCRETE WALL
D04	DEMO/REMOVE WAYFINDING SIGN
D05	DEMO/REMOVE DRAINAGE INLET
D06	DEMO/REMOVE LANDSCAPE EDGING
D07	DEMO/REMOVE TREE
D08	DEMO/REMOVE TRAFFIC STRIPING
D09	DEMO/REMOVE AC CURB
D10	DEMO/REMOVE PARKING METERS
D11	DEMO/REMOVE CONCRETE CURB AND GUTTER
D12	DEMO/REMOVE SIGNAGE
D13	DEMO/REMOVE DRAINAGE INLET
S01	REMOVE AND SALVAGE SITE FURNISHINGS
S02	REMOVE AND REPLACE ELECTRICAL CONDUIT-SEE ELECTRICAL SHEETS
S03	REMOVE AND SALVAGE UTILITY BOX
S04	REMOVE AND SALVAGE LIGHTED BOLLARD
S05	REMOVE AND SALVAGE AUTOMATIC DOOR OPENER
P01	DRAINAGE INLET TO REMAIN-PROTECT IN PLACE
P02	LIGHT POLE TO REMAIN-PROTECT IN PLACE
P03	IRRIGATION CONTROL VALVE TO REMAIN-PROTECT IN PLACE
P04	LANDSCAPING TO REMAIN-PROTECT IN PLACE
P05	RETAINING WALL TO REMAIN-PROTECT IN PLACE
P06	CONCRETE CURB TO REMAIN-PROTECT IN PLACE
P07	MANHOLE STRUCTURE-PROTECT IN PLACE
P08	STRUCTURAL COLUMN-PROTECT IN PLACE
P09	SIGNAGE TO REMAIN-PROTECT IN PLACE

[illegible]

CAL POLY HUMBOLDT
CPH G11 PARKING LOT
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DEMOLITION PLAN

DATE	DSGN	CC
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PROJ. NO.	CHK	JSO
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3	04/21/26	ADDENDUM 3

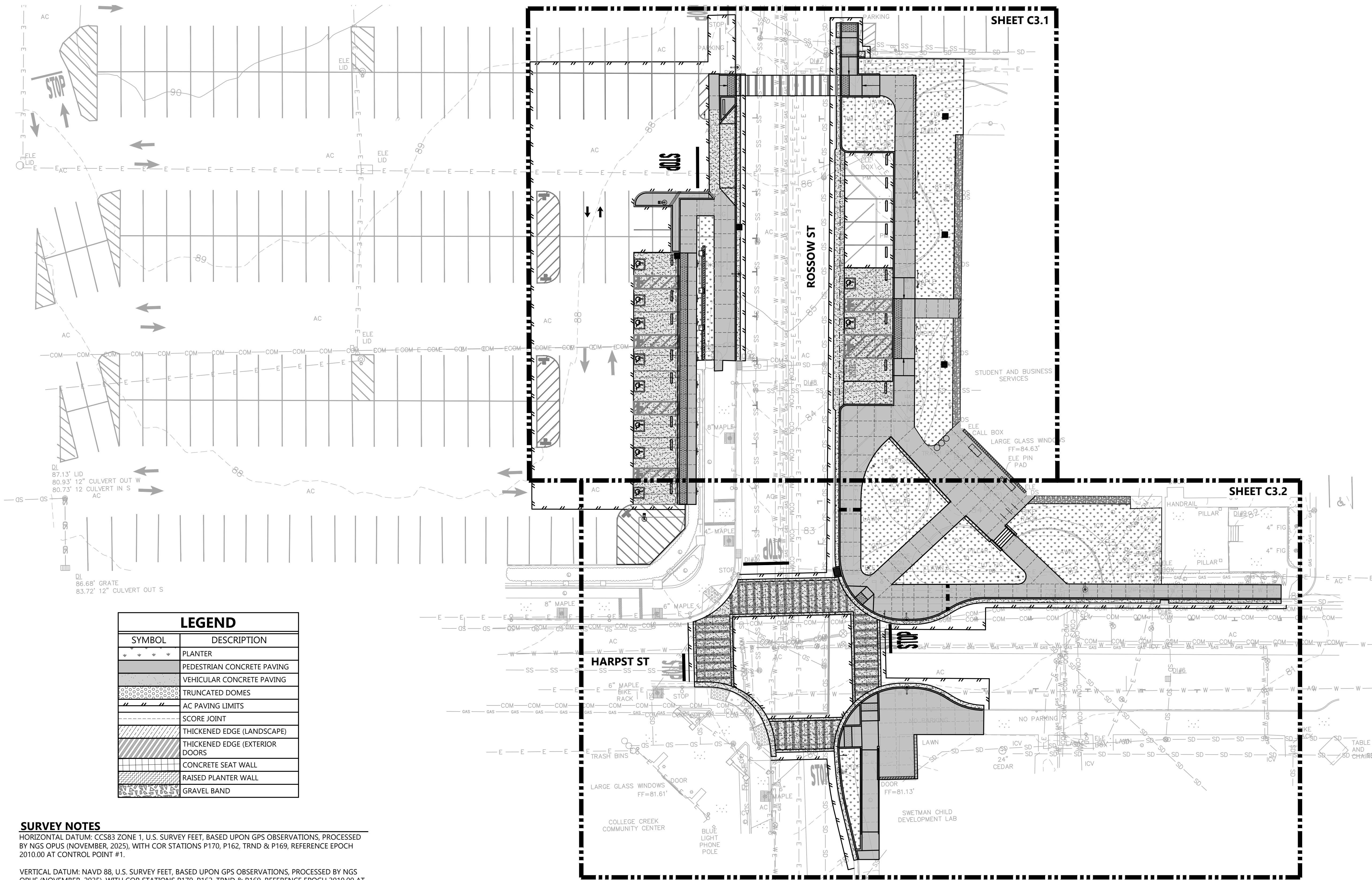
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SITE PLAN INDEX

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
		CHK	JSO

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C3.0



LEGEND	
SYMBOL	DESCRIPTION
* * * *	PLANTER
▨	PEDESTRIAN CONCRETE PAVING
▩	VEHICULAR CONCRETE PAVING
▤	TRUNCATED DOMES
▬	AC PAVING LIMITS
—	SCORE JOINT
▨	THICKENED EDGE (LANDSCAPE)
▨	THICKENED EDGE (EXTERIOR DOORS)
▨	CONCRETE SEAT WALL
▨	RAISED PLANTER WALL
▨	GRAVEL BAND

SURVEY NOTES

HORIZONTAL DATUM: CCS83 ZONE 1, U.S. SURVEY FEET, BASED UPON GPS OBSERVATIONS, PROCESSED BY NGS OPUS (NOVEMBER, 2025), WITH COR STATIONS P170, P162, TRND & P169, REFERENCE EPOCH 2010.00 AT CONTROL POINT #1.

VERTICAL DATUM: NAVD 88, U.S. SURVEY FEET, BASED UPON GPS OBSERVATIONS, PROCESSED BY NGS OPUS (NOVEMBER, 2025), WITH COR STATIONS P170, P162, TRND & P169, REFERENCE EPOCH 2010.00 AT CONTROL POINT #1.

UTILITY NOTE:
ABOVE GROUND UTILITIES LOCATED BY AVAILABLE PHYSICAL EVIDENCE.

UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON APPROXIMATE LOCATIONS AS SHOWN IN WITH CAMPUS UTILITY MAPS PUBLISHED BY HSU ADMINISTRATION ON 04-18-2016. UNDERGROUND UTILITY LOCATION AND DESCRIPTION SHOWN HEREIN IS FOR APPROXIMATE REFERENCE ONLY AND NOT FIELD VERIFIED.

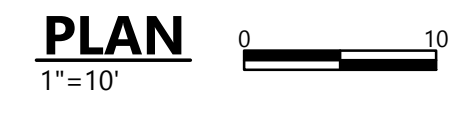
SHN MAKES NO GUARANTEE REGARDING LOCATION, TYPE, SIZE, NOR PRESENCE OR ABSENCE OF UNDERGROUND UTILITIES. IRRIGATION SYSTEM NOT MAPPED. UNDERGROUND UTILITIES WILL BE IDENTIFIED IN THE FIELD PRIOR TO ANY DIGGING.

PLAN
1"=20'



NOTES:

1. REFER TO ARCHITECTURAL SHEETS FOR SIGNAGE INFORMATION
2. CONTRACTION JOINT LAYOUT SHALL BE COORDINATED BY THE CONTRACTOR WITH THE UNIVERSITY.





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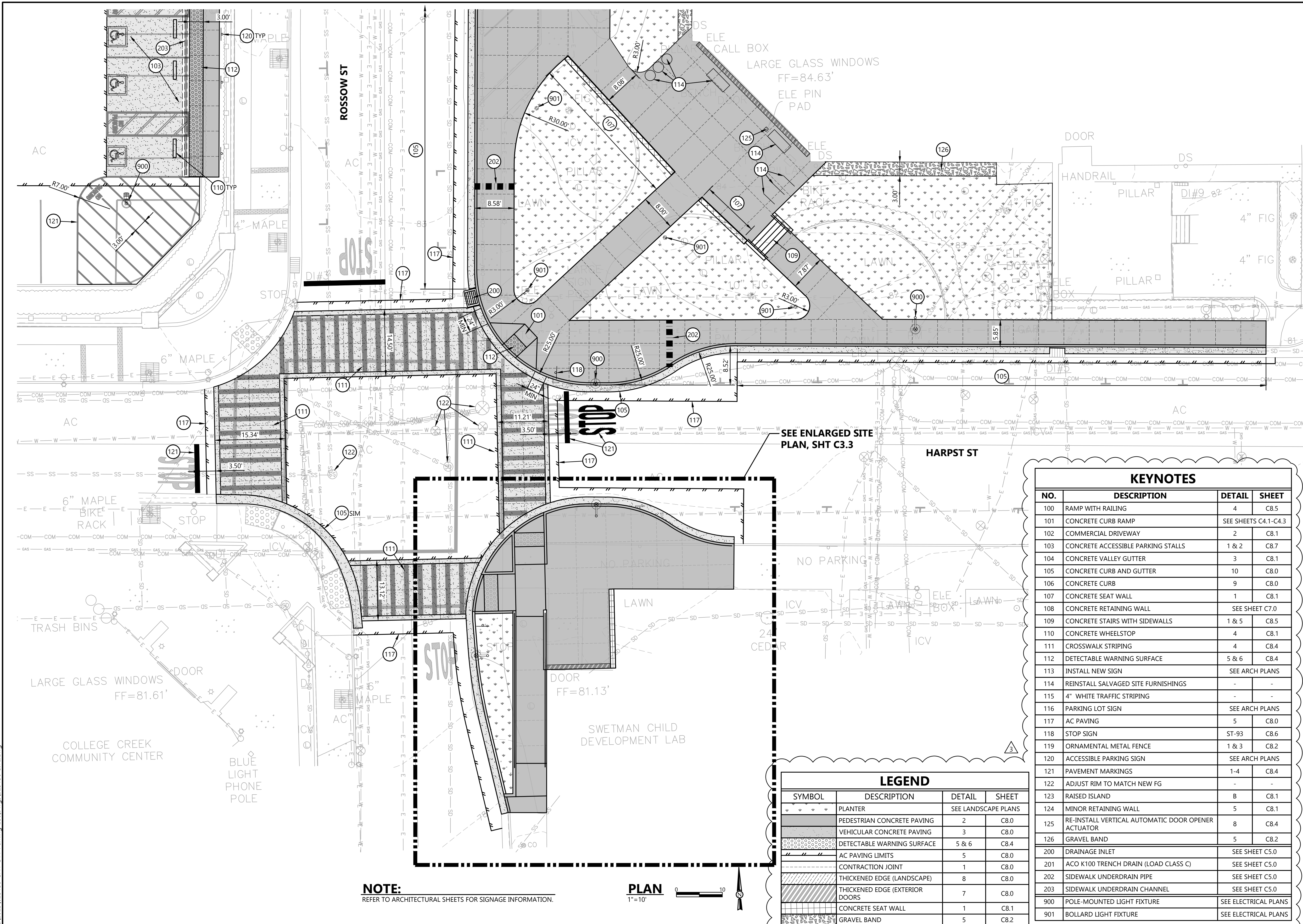
NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

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SOUTHERN SITE PLAN

DATE	02/2026	DSGN	CC
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SHEET		CHK	JSO

C3.2



NOTE:
REFER TO ARCHITECTURAL SHEETS FOR SIGNAGE INFORMATION.

PLAN
1"=10'

SYMBOL	DESCRIPTION	DETAIL	SHEET
* * *	PLANTER	SEE LANDSCAPE PLANS	
	PEDESTRIAN CONCRETE PAVING	2	C8.0
	VEHICULAR CONCRETE PAVING	3	C8.0
	DETECTABLE WARNING SURFACE	5 & 6	C8.4
	AC PAVING LIMITS	5	C8.0
	CONTRACTION JOINT	1	C8.0
	THICKENED EDGE (LANDSCAPE)	8	C8.0
	THICKENED EDGE (EXTERIOR DOORS)	7	C8.0
	CONCRETE SEAT WALL	1	C8.1
	GRAVEL BAND	5	C8.2

KEYNOTES			
NO.	DESCRIPTION	DETAIL	SHEET
100	RAMP WITH RAILING	4	C8.5
101	CONCRETE CURB RAMP	SEE SHEETS C4.1-C4.3	
102	COMMERCIAL DRIVEWAY	2	C8.1
103	CONCRETE ACCESSIBLE PARKING STALLS	1 & 2	C8.7
104	CONCRETE VALLEY GUTTER	3	C8.1
105	CONCRETE CURB AND GUTTER	10	C8.0
106	CONCRETE CURB	9	C8.0
107	CONCRETE SEAT WALL	1	C8.1
108	CONCRETE RETAINING WALL	SEE SHEET C7.0	
109	CONCRETE STAIRS WITH SIDEWALLS	1 & 5	C8.5
110	CONCRETE WHEELSTOP	4	C8.1
111	CROSSWALK STRIPING	4	C8.4
112	DETECTABLE WARNING SURFACE	5 & 6	C8.4
113	INSTALL NEW SIGN	SEE ARCH PLANS	
114	REINSTALL SALVAGED SITE FURNISHINGS	-	-
115	4" WHITE TRAFFIC STRIPING	-	-
116	PARKING LOT SIGN	SEE ARCH PLANS	
117	AC PAVING	5	C8.0
118	STOP SIGN	ST-93	C8.6
119	ORNAMENTAL METAL FENCE	1 & 3	C8.2
120	ACCESSIBLE PARKING SIGN	SEE ARCH PLANS	
121	PAVEMENT MARKINGS	1-4	C8.4
122	ADJUST RIM TO MATCH NEW FG	-	-
123	RAISED ISLAND	8	C8.1
124	MINOR RETAINING WALL	5	C8.1
125	RE-INSTALL VERTICAL AUTOMATIC DOOR OPENER ACTUATOR	8	C8.4
126	GRAVEL BAND	5	C8.2
200	DRAINAGE INLET	SEE SHEET C5.0	
201	ACO K100 TRENCH DRAIN (LOAD CLASS C)	SEE SHEET C5.0	
202	SIDEWALK UNDERDRAIN PIPE	SEE SHEET C5.0	
203	SIDEWALK UNDERDRAIN CHANNEL	SEE SHEET C5.0	
900	POLE-MOUNTED LIGHT FIXTURE	SEE ELECTRICAL PLANS	
901	BOLLARD LIGHT FIXTURE	SEE ELECTRICAL PLANS	



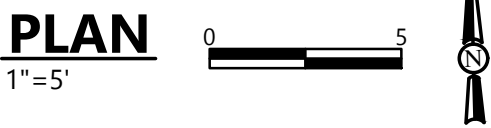
LEGEND			
SYMBOL	DESCRIPTION	DETAIL	SHEET
	PLANTER	SEE LANDSCAPE PLANS	
	PEDESTRIAN CONCRETE PAVING	2	C8.0
	VEHICULAR CONCRETE PAVING	3	C8.0
	DETECTABLE WARNING SURFACE	5 & 6	C8.4
	AC PAVING LIMITS	5	C8.0
	SCORE JOINT	1	C8.0
	THICKENED EDGE (LANDSCAPE)	8	C8.0
	THICKENED EDGE (EXTERIOR DOORS)	7	C8.0
	CONCRETE SEAT WALL	1	C8.1
	GRAVEL BAND	5	C8.2

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ENLARGED SITE PLAN

DATE	02/2026	DSGN	CC
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		CHK	JSO
SHEET			

C3.3





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NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

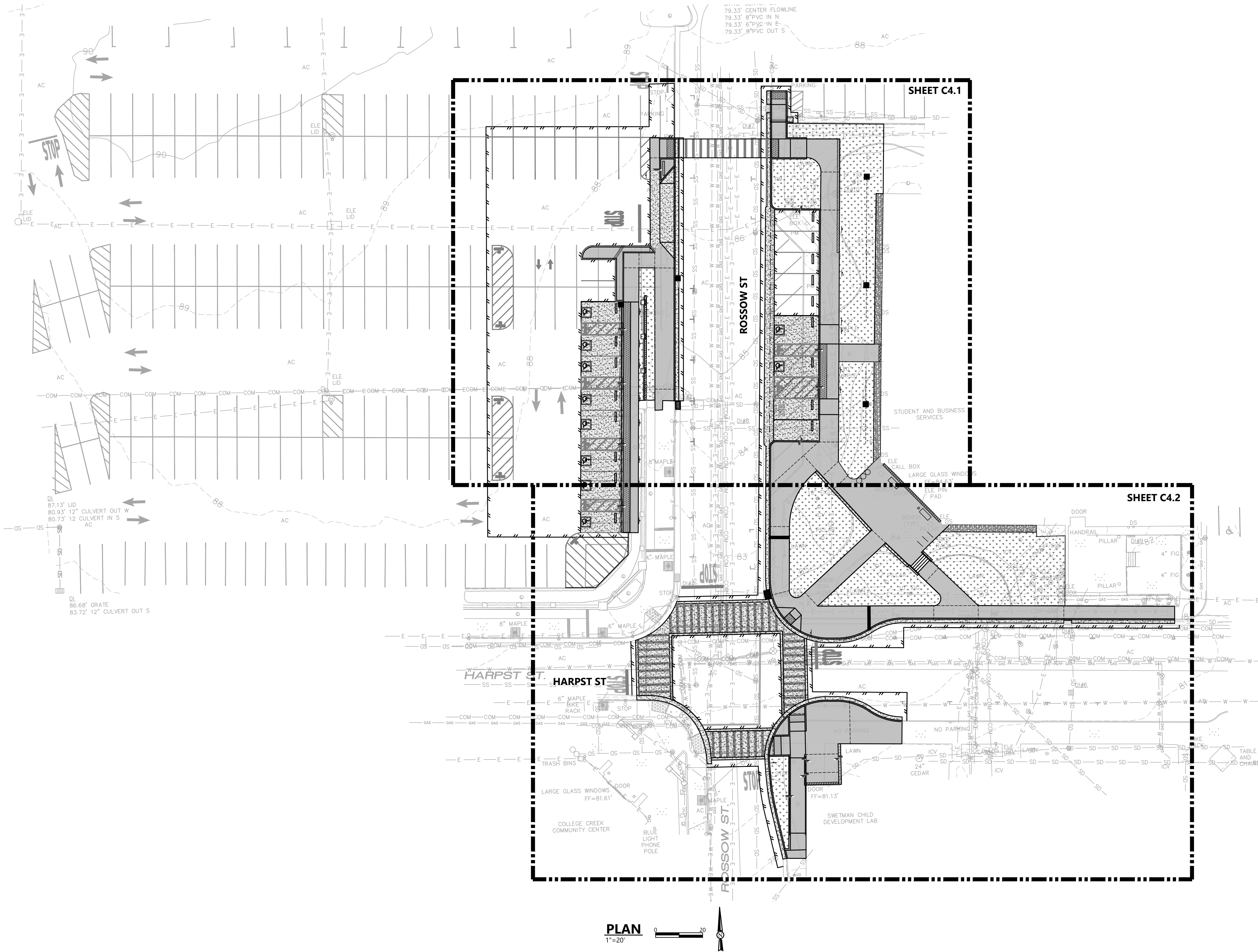
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GRADING INDEX

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
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C4.0

SAVED: 4/21/2026 9:59 AM COLLINGS, PLOTTED: 4/21/2026 10:26 AM JOHN FOSTER
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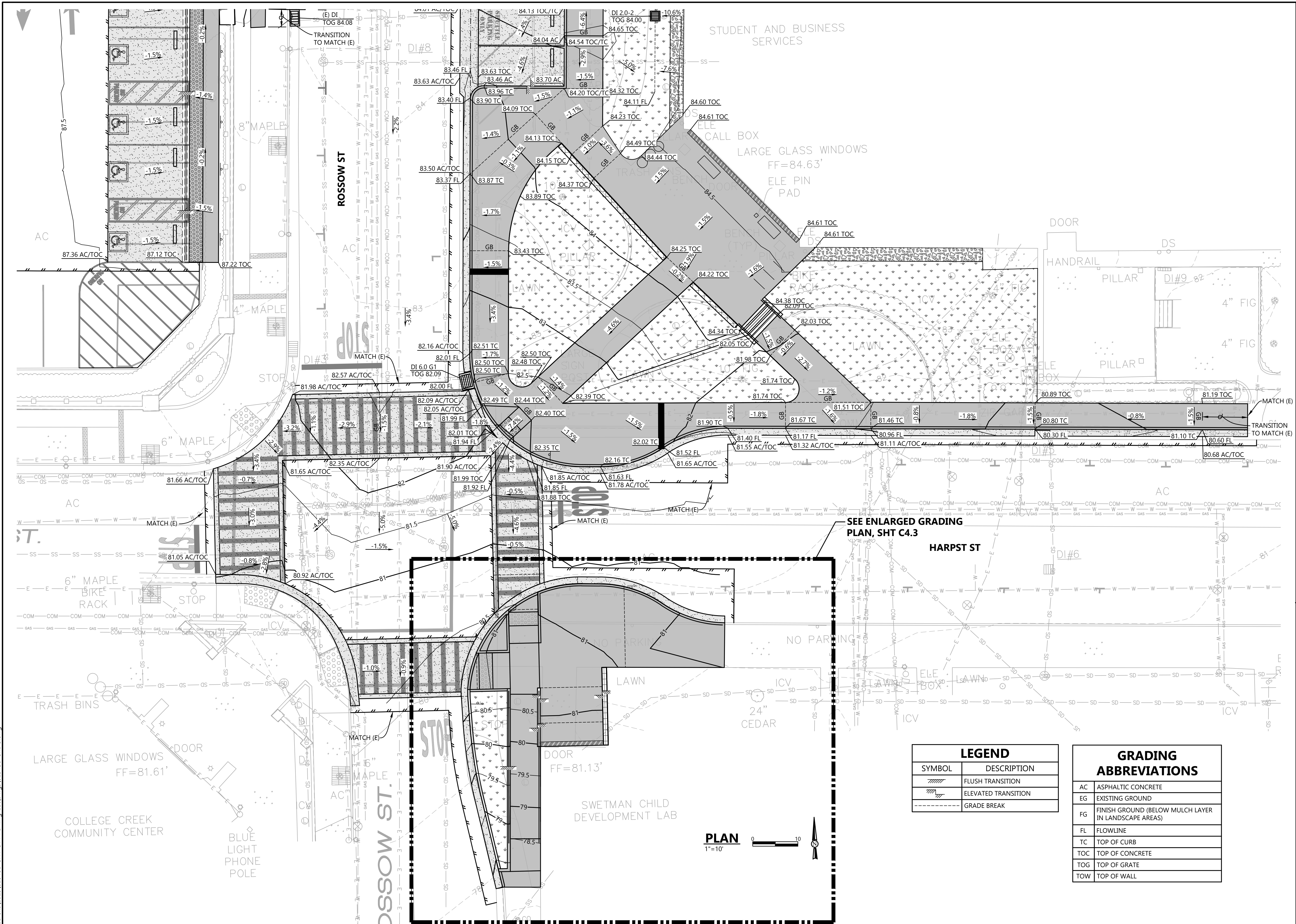
NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

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ENLARGED GRADING PLAN

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
SHEET		CHK	JSO

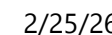
C4.2





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ENLARGED GRADING PLAN

DATE	DSGN
02/2026	CC
PROJ. NO.	DR
	CDN/JWF
025150	CHK
	JSO

C4.3



LEGEND	
SYMBOL	DESCRIPTION
	FLUSH TRANSITION
	ELEVATED TRANSITION
	GRADE BREAK

GRADING ABBREVIATIONS	
AC	ASPHALTIC CONCRETE
EG	EXISTING GROUND
FG	FINISH GRADE (BELOW MULCH LAYER IN LANDSCAPE AREAS)
FL	FLOWLINE
TC	TOP OF CURB
TOC	TOP OF CONCRETE
TOG	TOP OF GRATE
TOW	TOP OF WALL

KEYNOTES			
NO.	DESCRIPTION	DETAIL	SHEET
200	DRAINAGE INLET 18"x18"	3	C8.3
201	DRAINAGE INLET-TYPE G1	1	C8.3
202	SIDEWALK UNDERDRAIN PIPE	1	C8.6
203	ACO K100 TRENCH DRAIN (LOAD CLASS C) W/SLOPED INVERT	5	C8.3
204	STRUCTURE CONNECTION	7	C8.3
205	ROOF DOWNSPOUT CONNECTION	4	C8.3
206	CONNECT TO EXISTING STORM DRAIN	-	-
207	SIDEWALK UNDERDRAIN CHANNEL	2	C8.6



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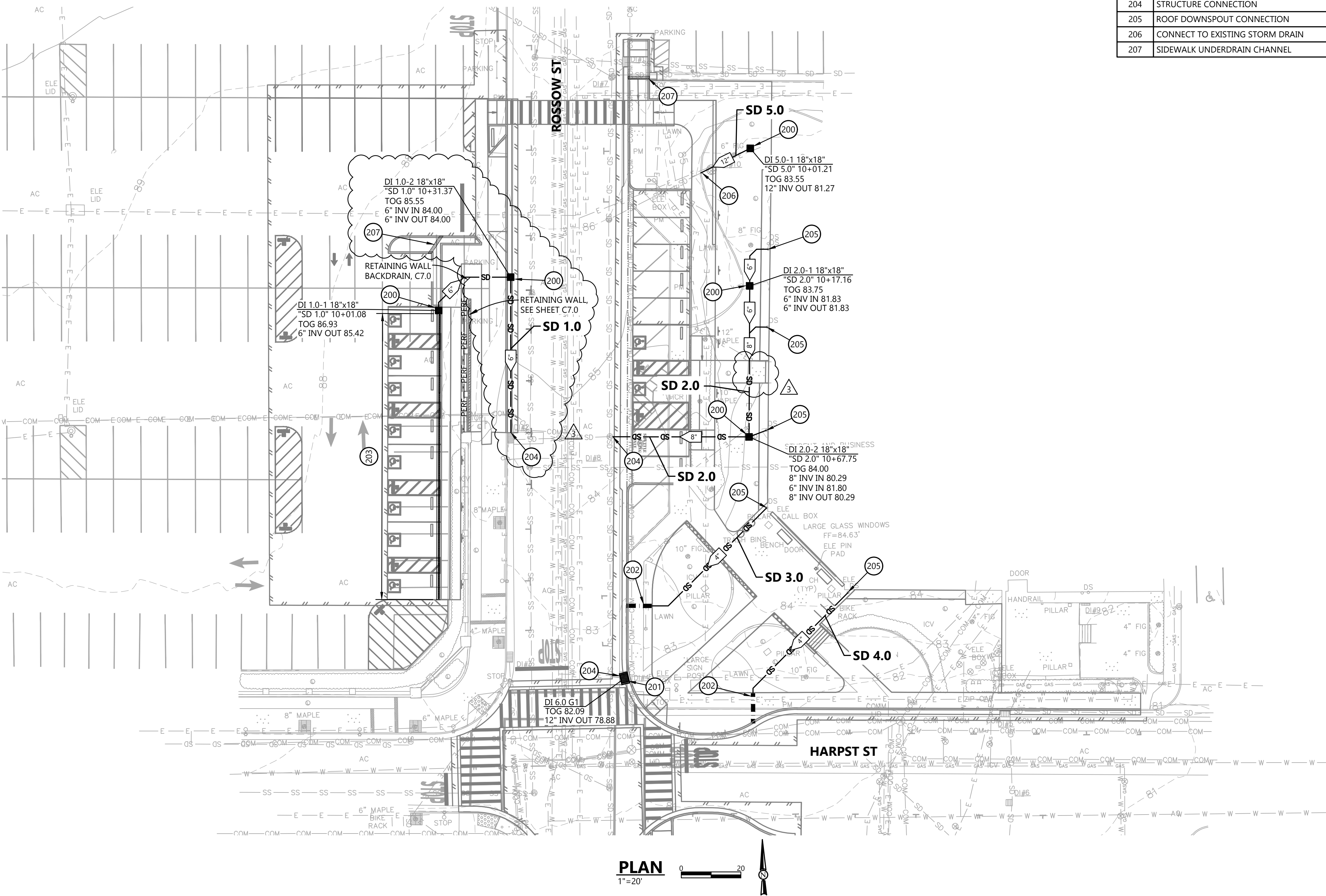
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STORM DRAIN PLAN

DATE	DSGN	CC
02/2026	DR	CDN/JWR
PROJ. NO.	CHK	JSO
025150		

SHEET

C5.0



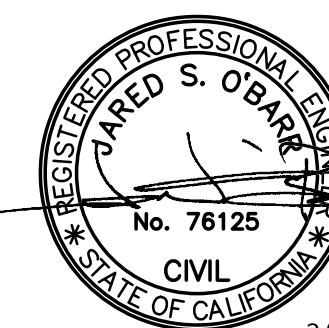


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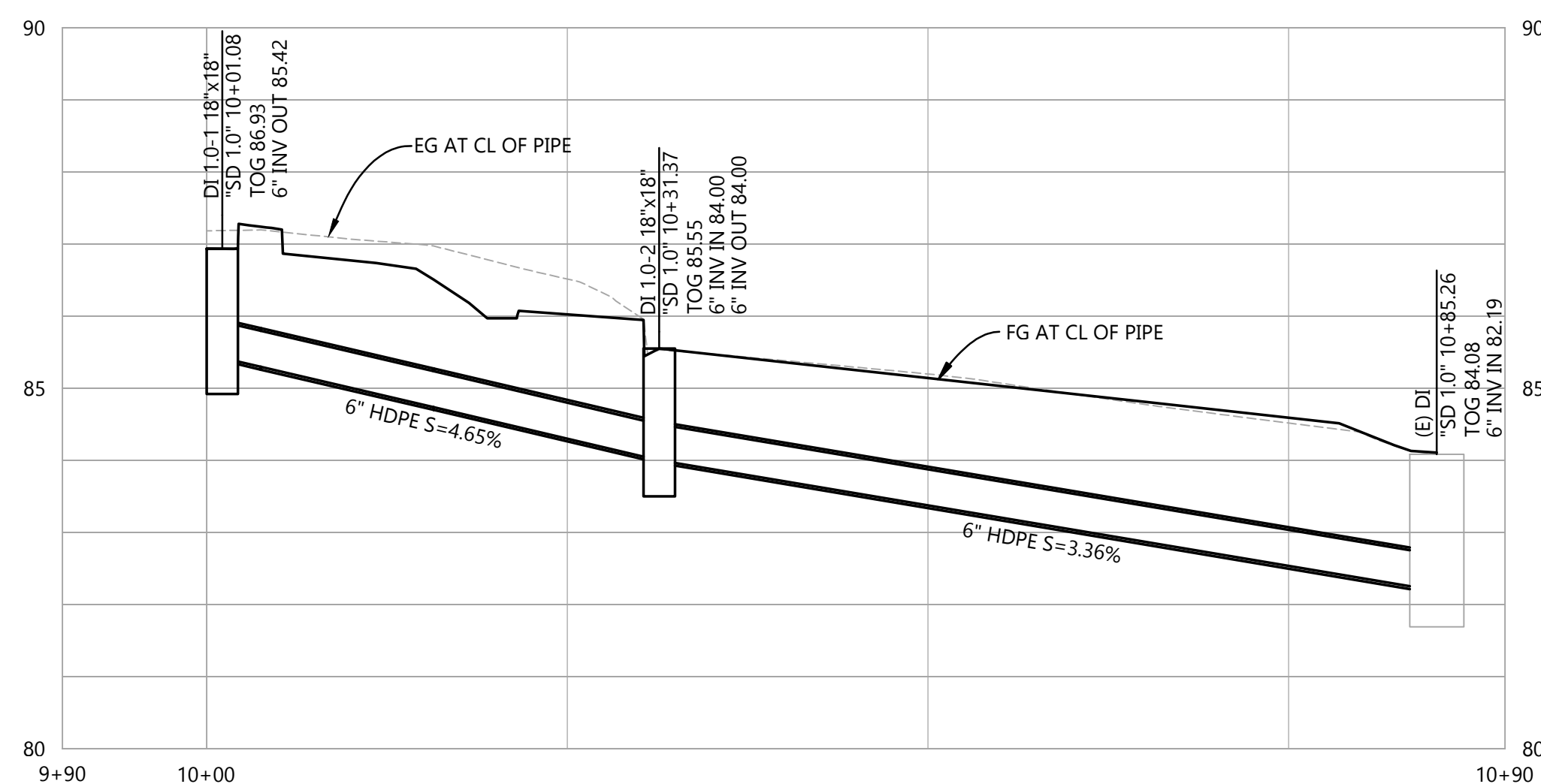
STORM DRAIN PROFILES

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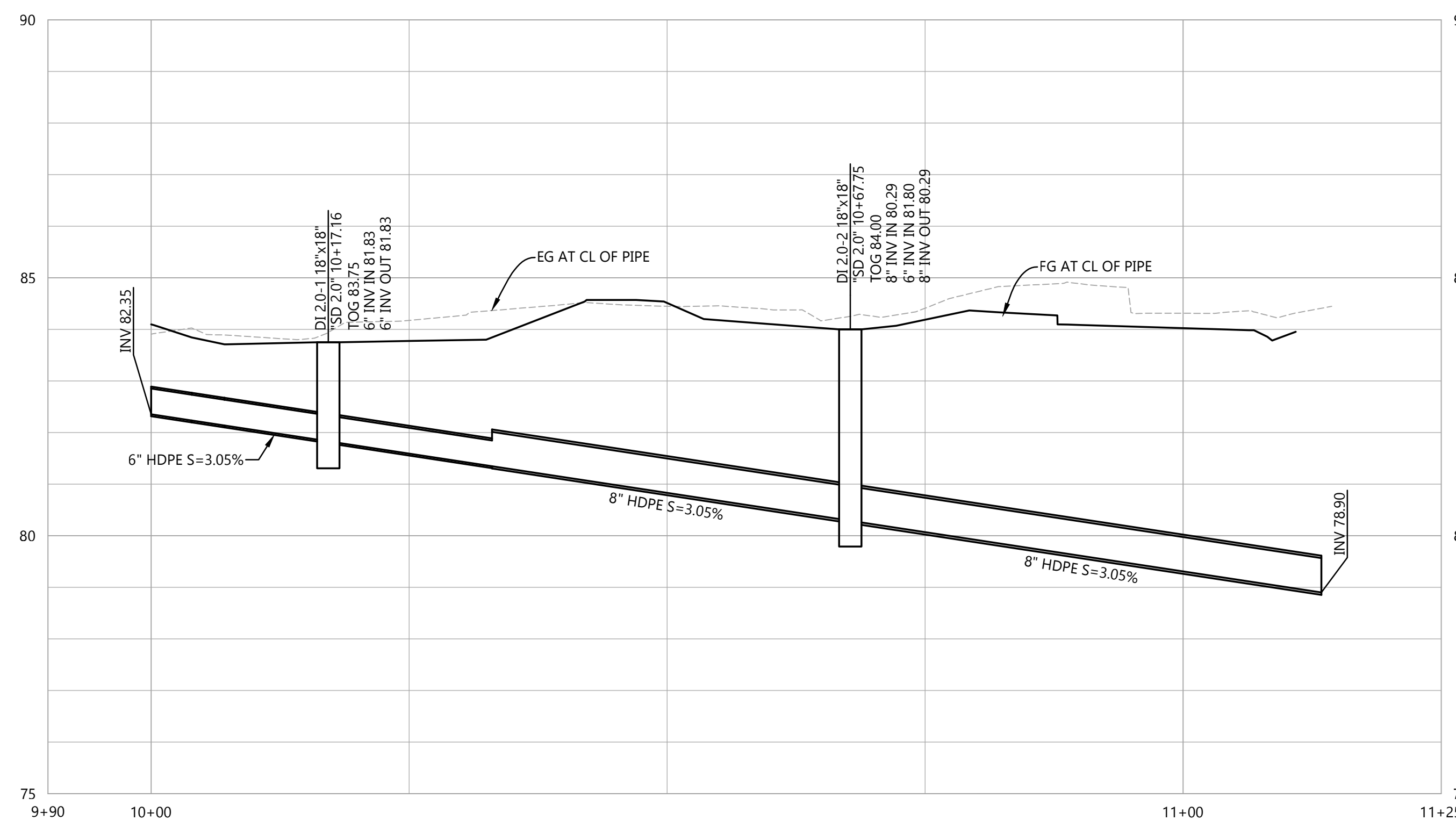
DATE	02/2026	DSGN	CC
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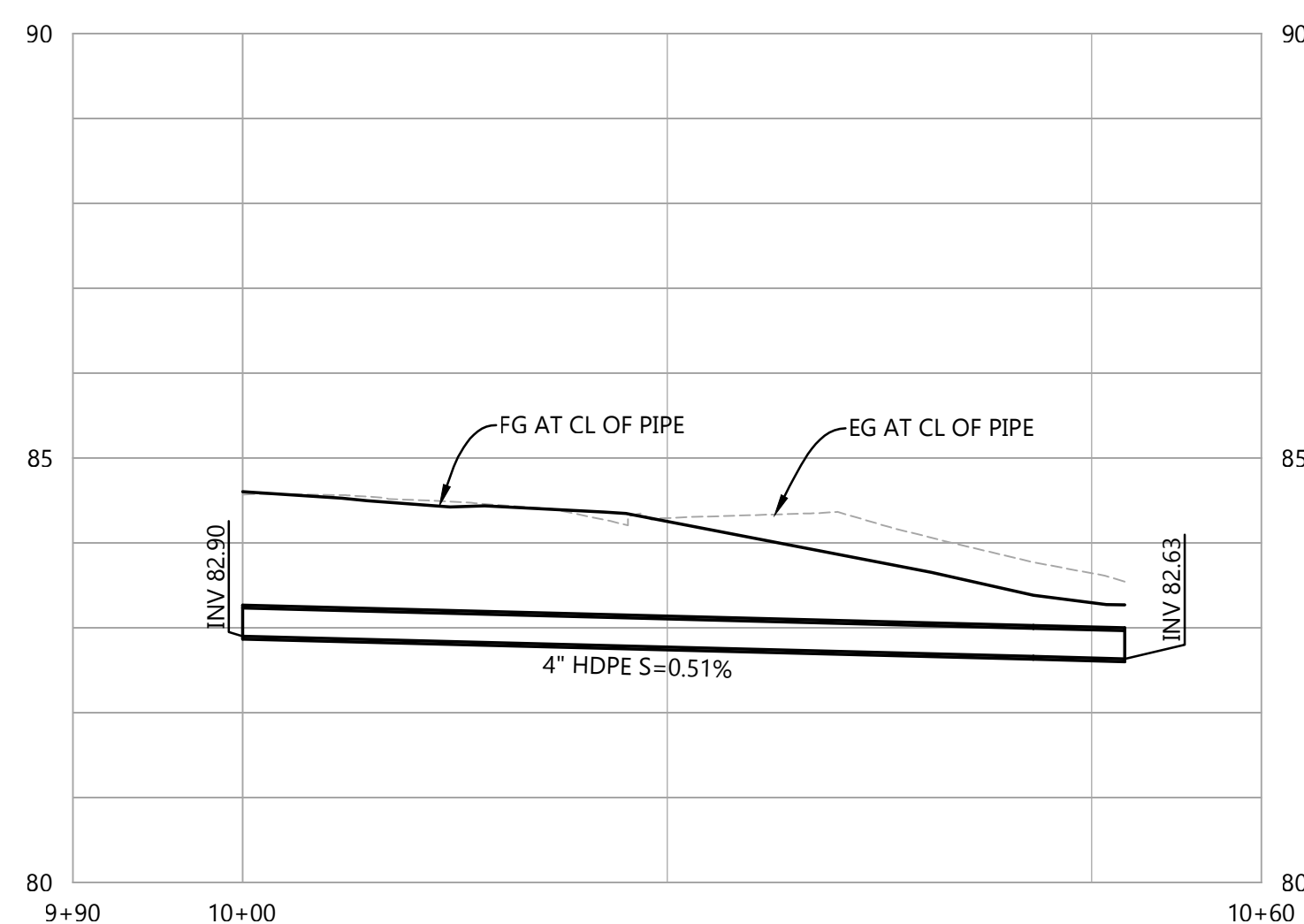
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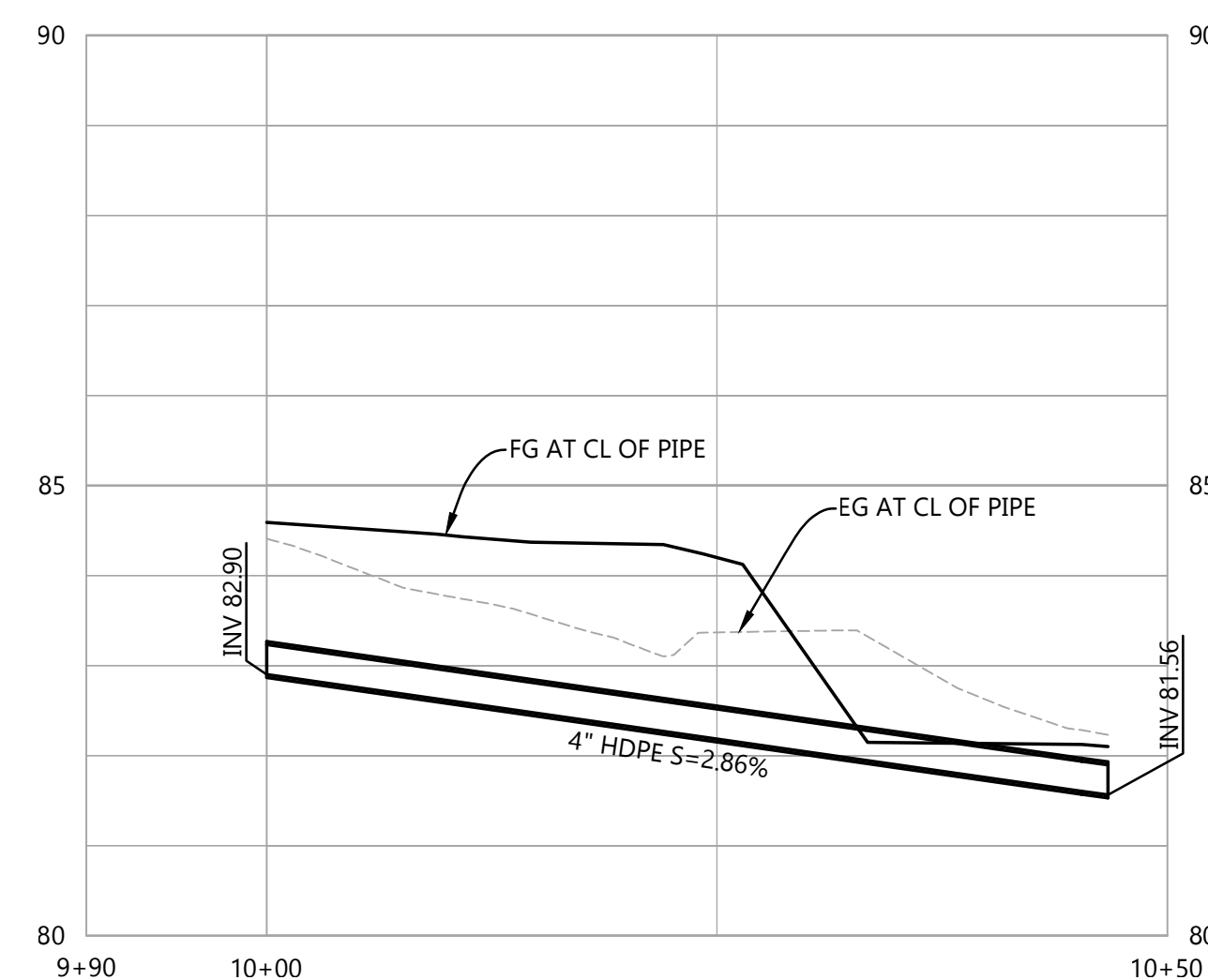
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$$\frac{1''}{10' H}$$
$$1'' = 2' V$$


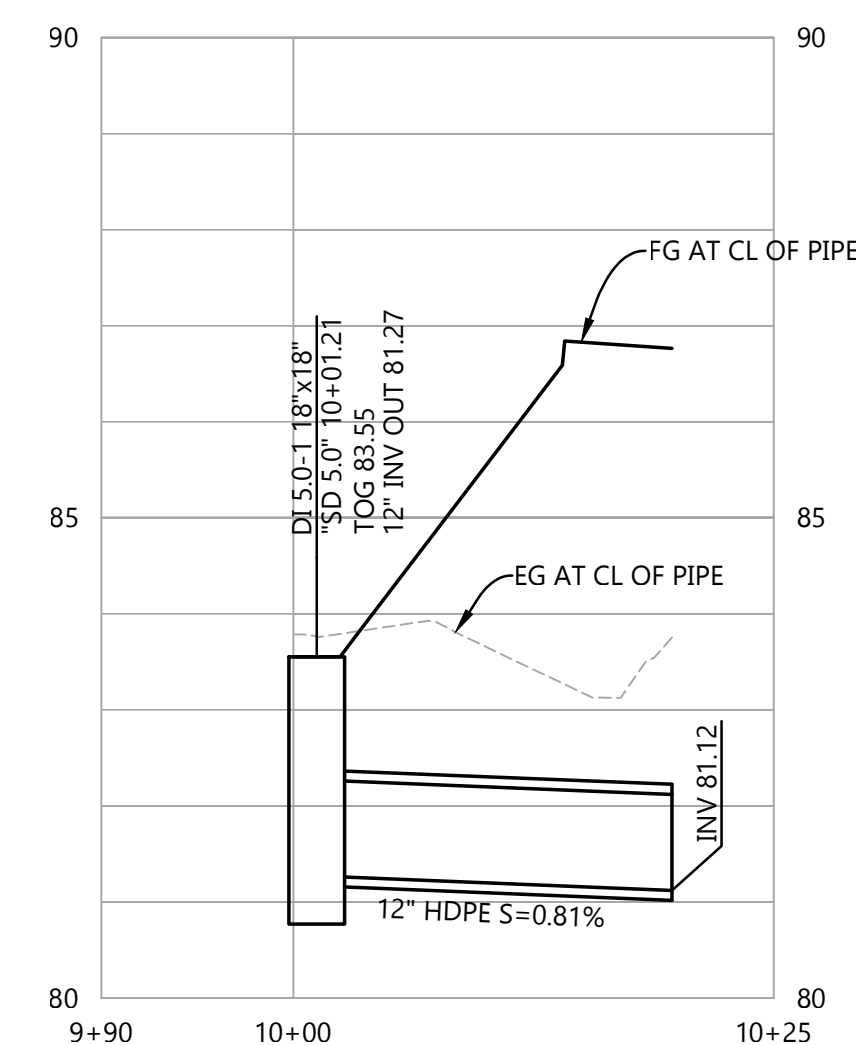
"SD 2.0" PROFILE

$$1'' = 10' H$$
 $1'' = 2' V$ 

"SD 3.0" PROFILE

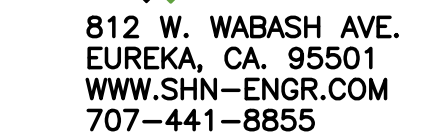
$$1'' = 10' H$$
 $1'' = 2' V$ 

"SD 4.0" PROFILE

$$1'' = 10' H$$
$$1'' = 2' V$$


"SD 5.0" PROFILE

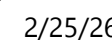
$$1'' = 10' H$$
$$1'' = 2' V$$



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UTILITY PLAN

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	JSO

C6.0



LEGEND

SYMBOL	DESCRIPTION
-----	IRRIGATION-SEE LANDSCAPING PLANS
-----	ELECTRICAL-SEE ELECTRICAL PLANS



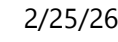
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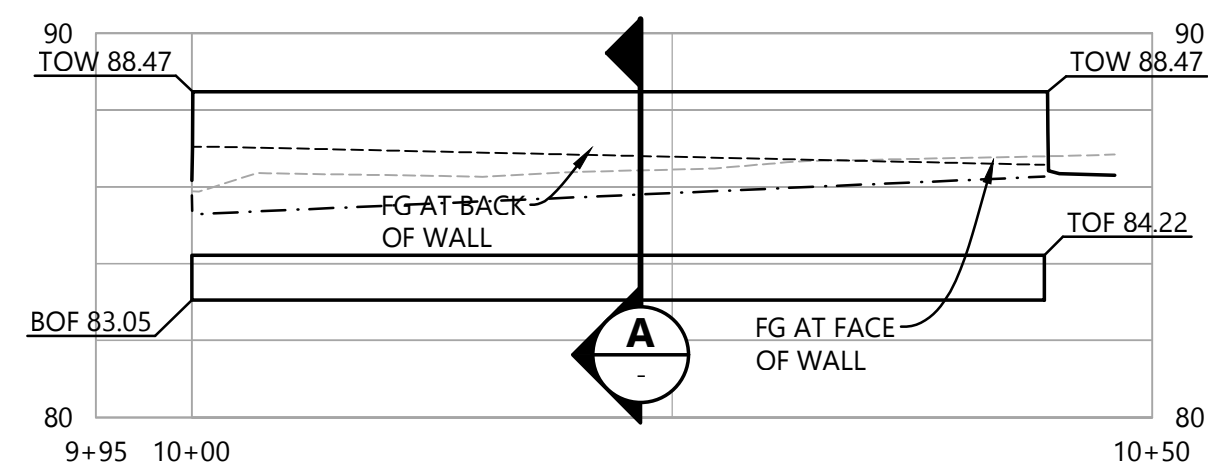
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RETAINING WALL PLAN

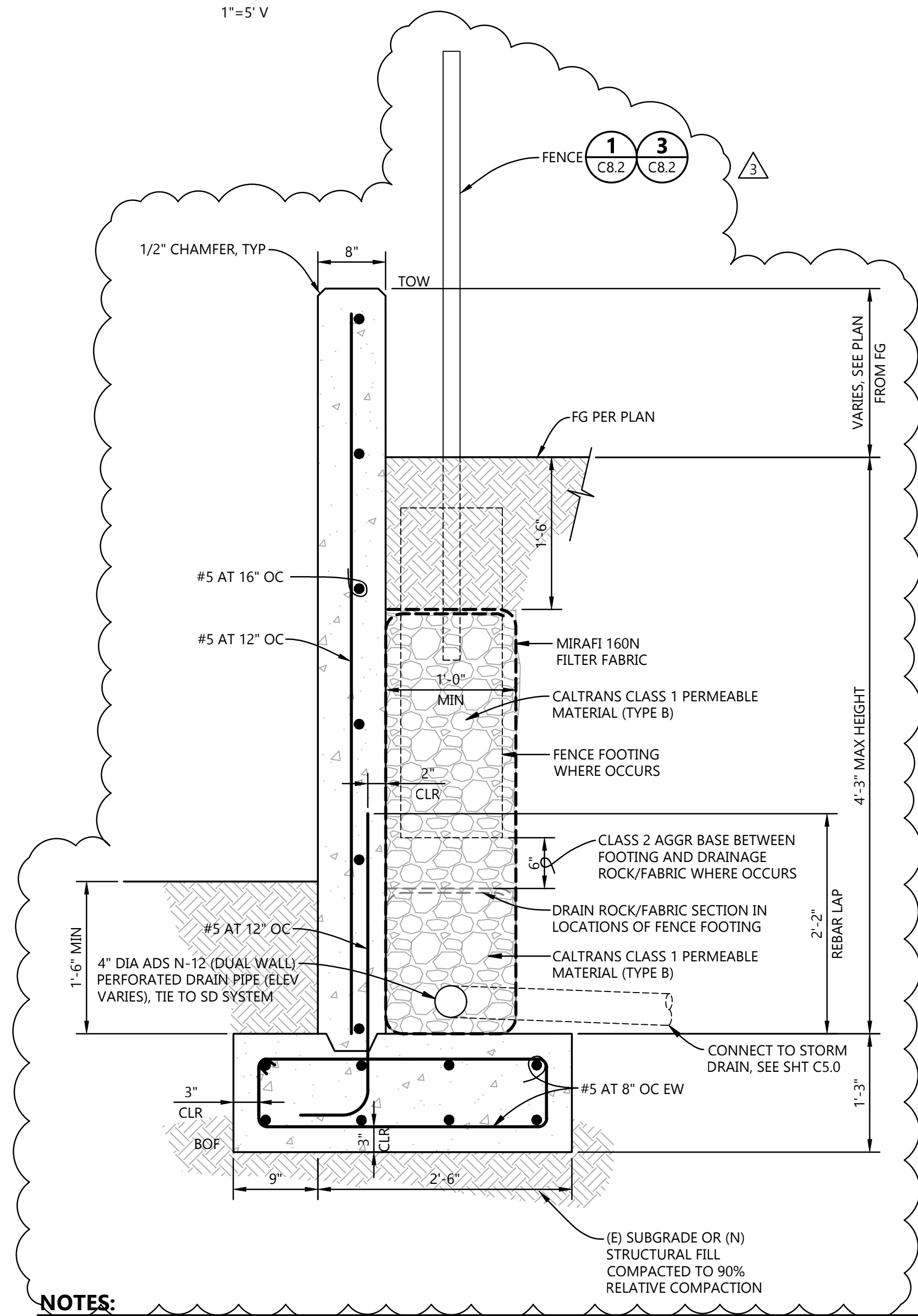
DATE	DSGN
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	JSO

SHEET

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RETAINING WALL ELEVATION

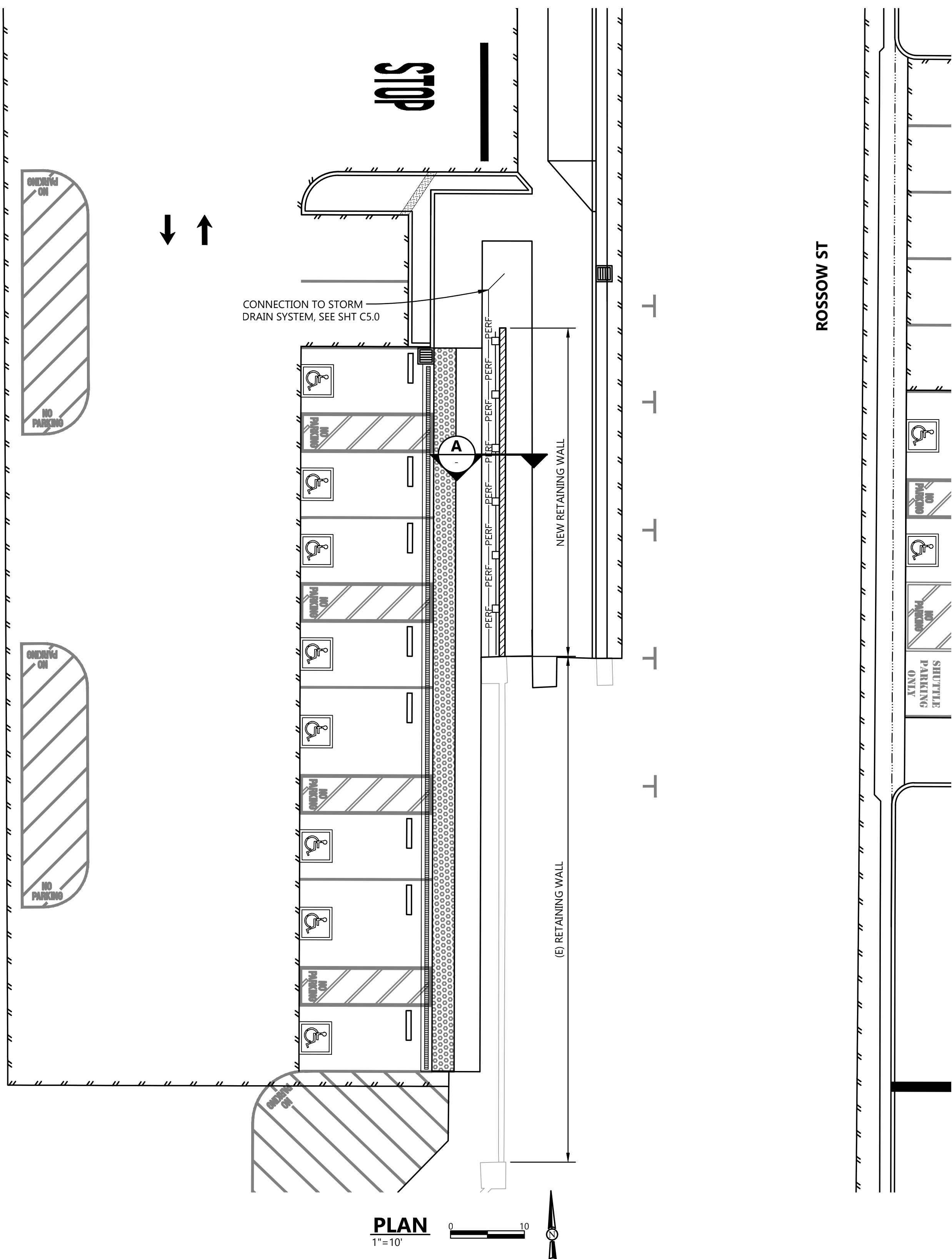
$$1'' = 5' V$$


NOTES:

1. DURING COMPACTION THE CONTRACTOR SHOULD USE APPROPRIATE METHODS SUCH AS TEMPORARY BRACING AND/OR LIGHT EXPANSION EQUIPMENT TO AVOID OVERSTRESSING THE WALLS. NON-EXPANSIVE SOILS TO BE USED AS BACKFILL.
2. 1/2" EXPANSION JOINTS TO BE LOCATED AT MIDPOINT OF WALL.
3. ALL BARS TO BE DISCONTINUOUS AT EXPANSION JOINTS.
4. MATCH AESTHETIC TREATMENT OF WALL JOINTS.

RETAINING WALL SECTION

NTS



PLAN

 $1'' = 10'$

SAVED: 4/21/2026 9:18 AM JFOSTER, PLOTTED: 4/21/2026 10:26 AM JOHN FOSTER
P:\Eureka\2025\025150-CPH-G11-Parking-Lot\Drawings\025150-RET-WALL.dwg

P:\Eureka\2025\025150-CPH-G11-Parking-Lot\Drawings\025150-RET-WALL.dwg



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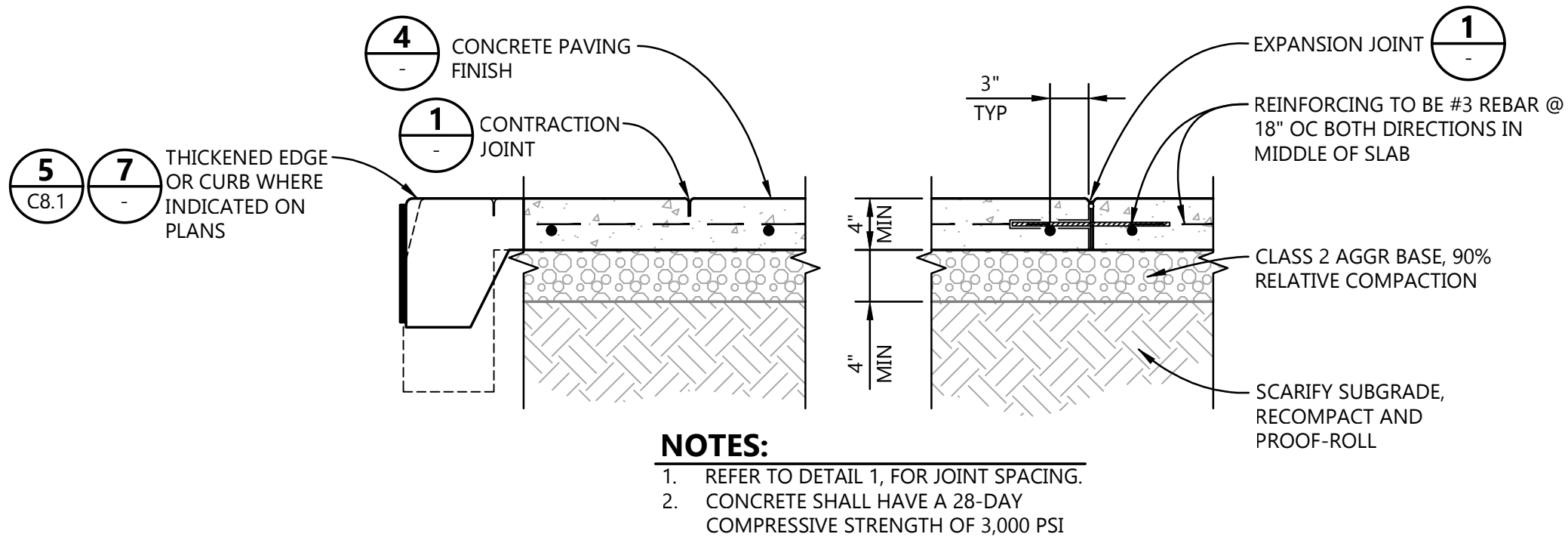
NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

CAL POLY HUMBOLDT
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DETAILS

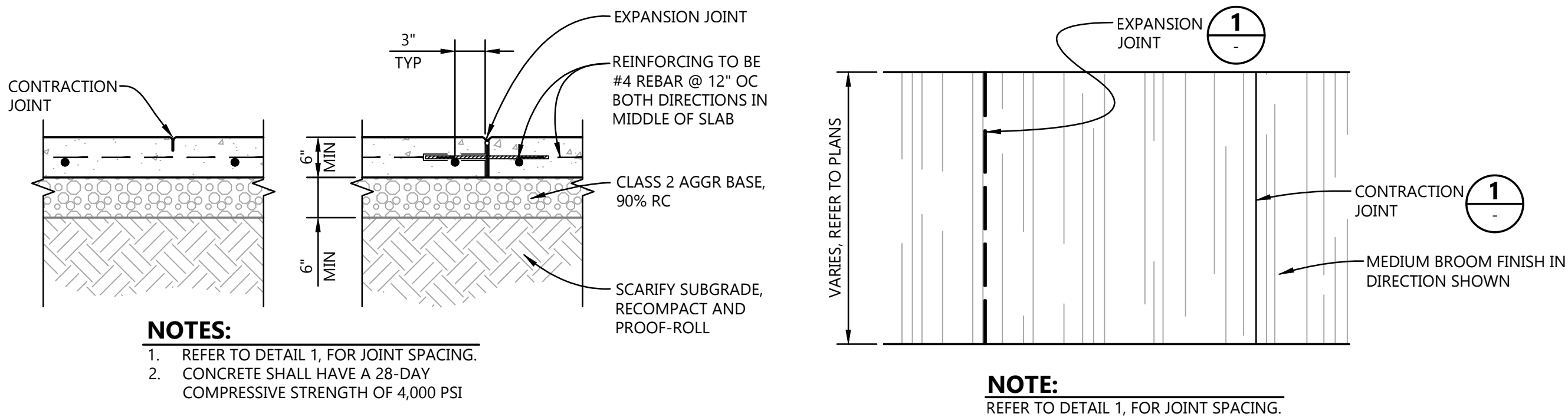
DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
SHEET		CHK	JSO

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CONCRETE PAVING - PEDESTRIAN

NTS

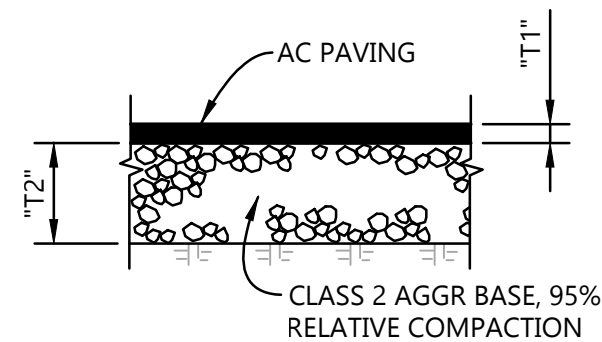


CONCRETE PAVING - VEHICULAR

NTS

CONCRETE FINISH

NTS



THICKNESS		
LOCATION	"T1"	"T2"
AC PAVING	3"	6"

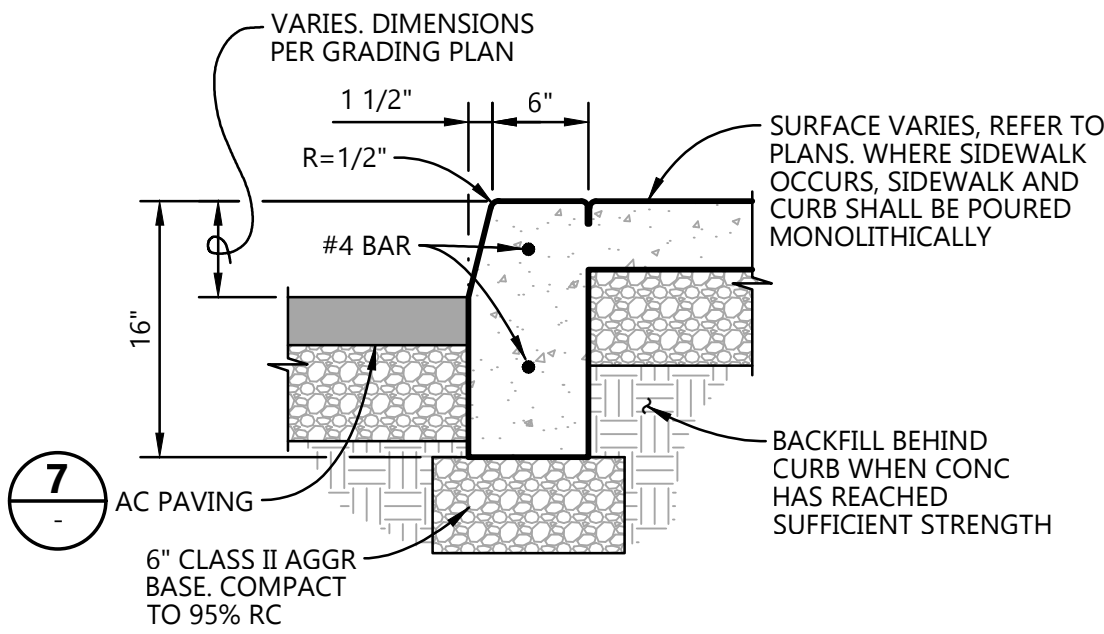
NOTE:
APPLY TYPE SS1 OR RS1 TACK COAT TO ALL VERTICAL SURFACES OF EXISTING PAVEMENT, CURBS, GUTTERS, AND CONSTRUCTION JOINTS.

TYPICAL PAVING STRUCTURAL SECTION

NTS

SLOPED CURB END

NTS

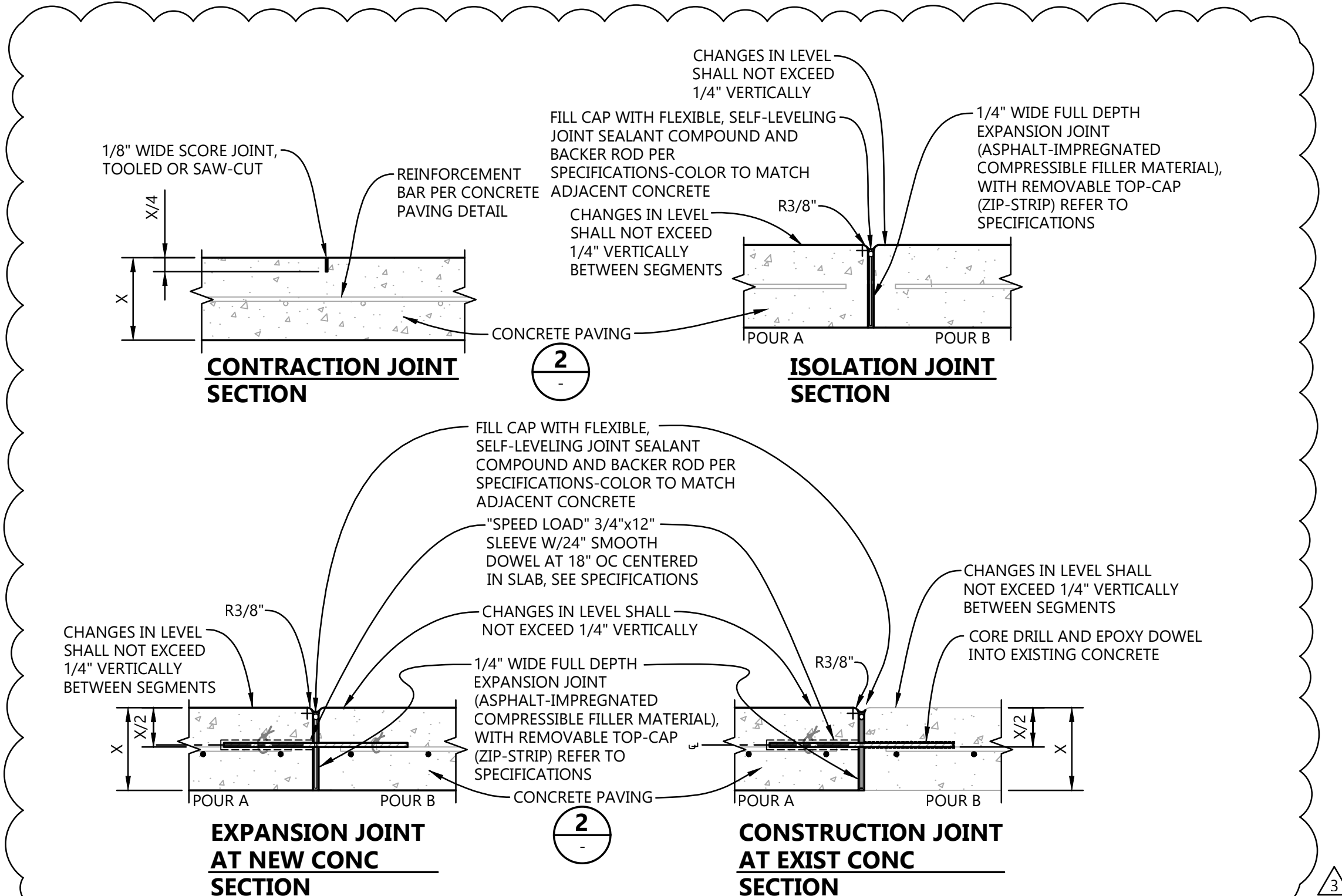


CONCRETE CURB

NTS

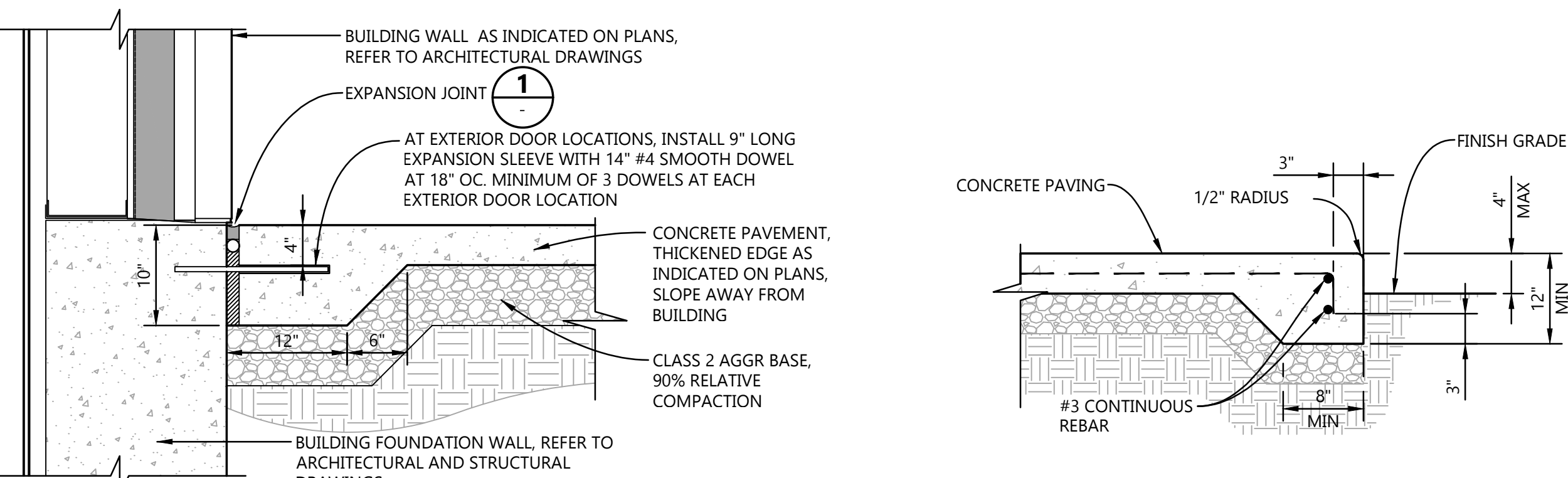
CONCRETE CURB AND GUTTER

NTS



CONCRETE FLATWORK JOINTS

NTS



CONC PAVEMENT WITH THICKENED EDGE AT EXTERIOR DOORS

NTS

CONC PAVEMENT WITH THICKENED EDGE AT LANDSCAPED AREAS

NTS

8

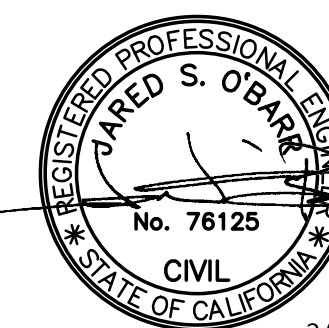


VERIFY SCALES

BAR IS ONE INCH ON
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0  1'

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SCALES ACCORDINGLY

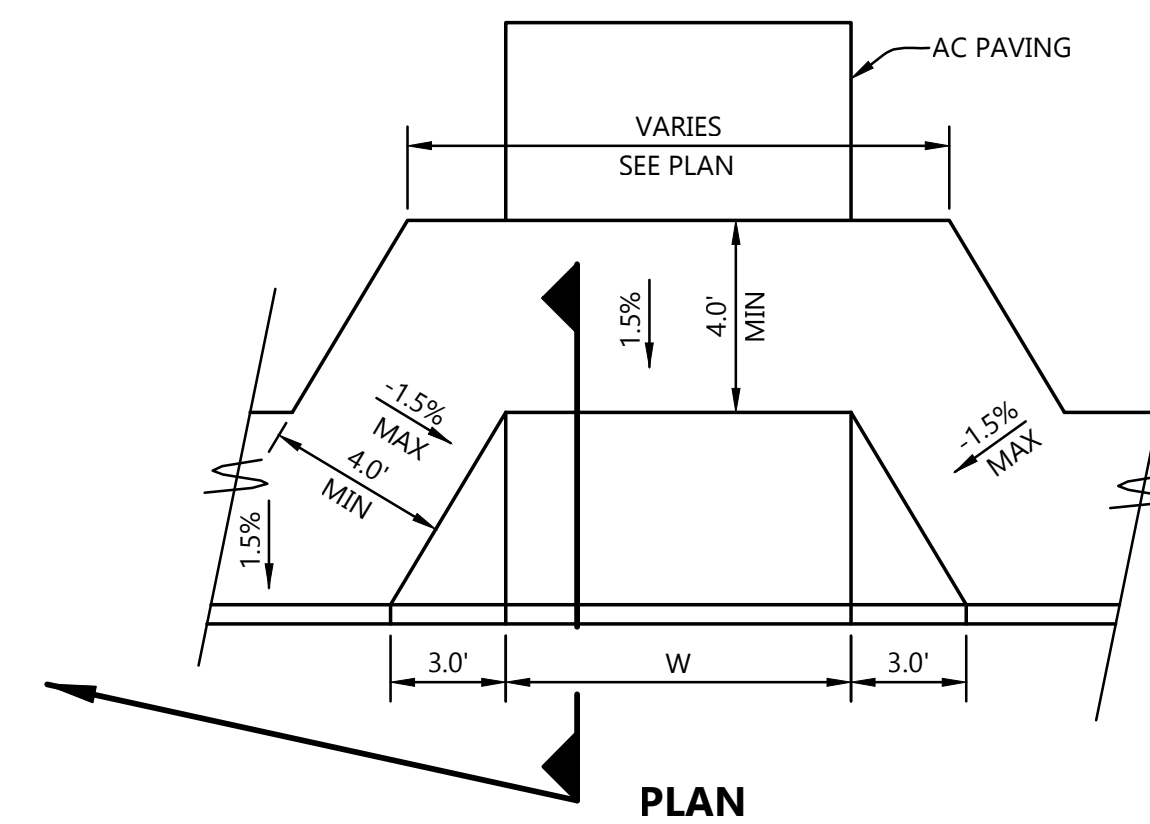
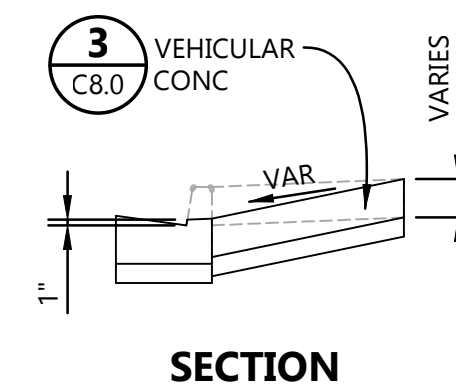


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CPH G11 PARKING LOT
ARCATA, CALIFORNIA

DETAILS

DATE	DSGN
02/2026	CC
PROJ. NO.	DR
	CDN/JWF
025150	CHK
	JSO
SHEET	

C8.1



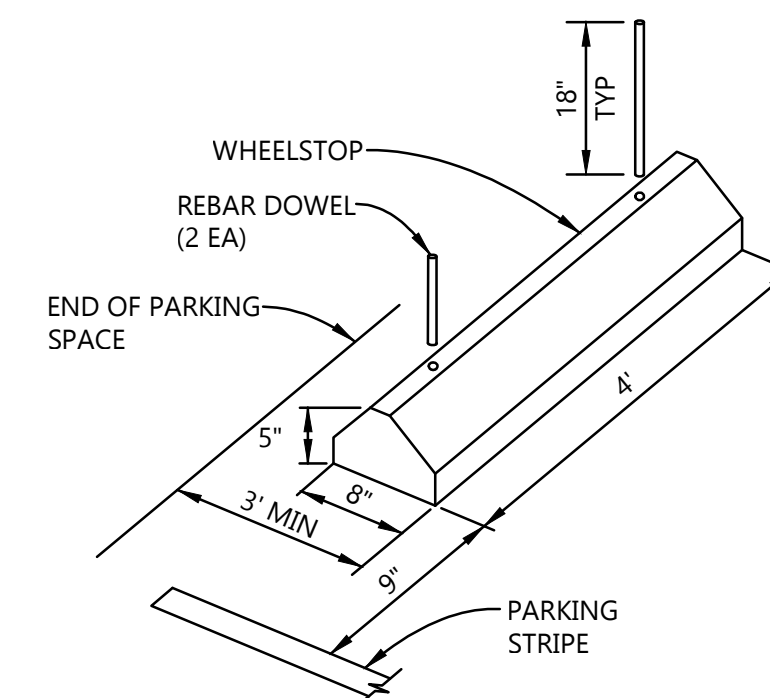
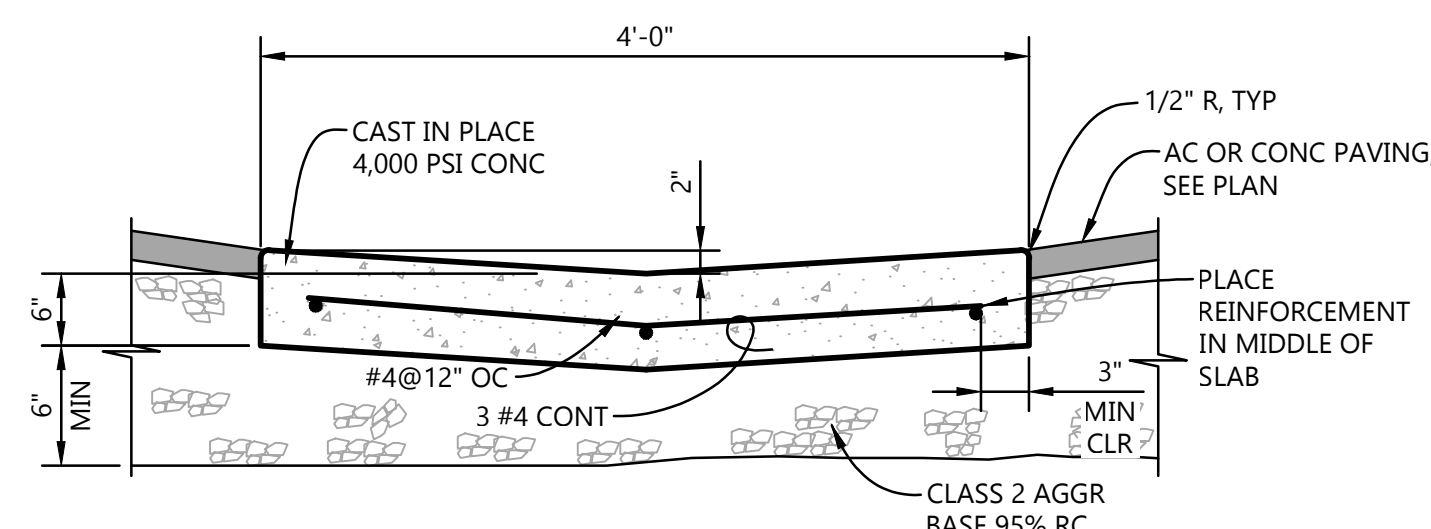
CONCRETE SEAT WALL

NTS

1

COMMERCIAL DRIVEWAY

NTS



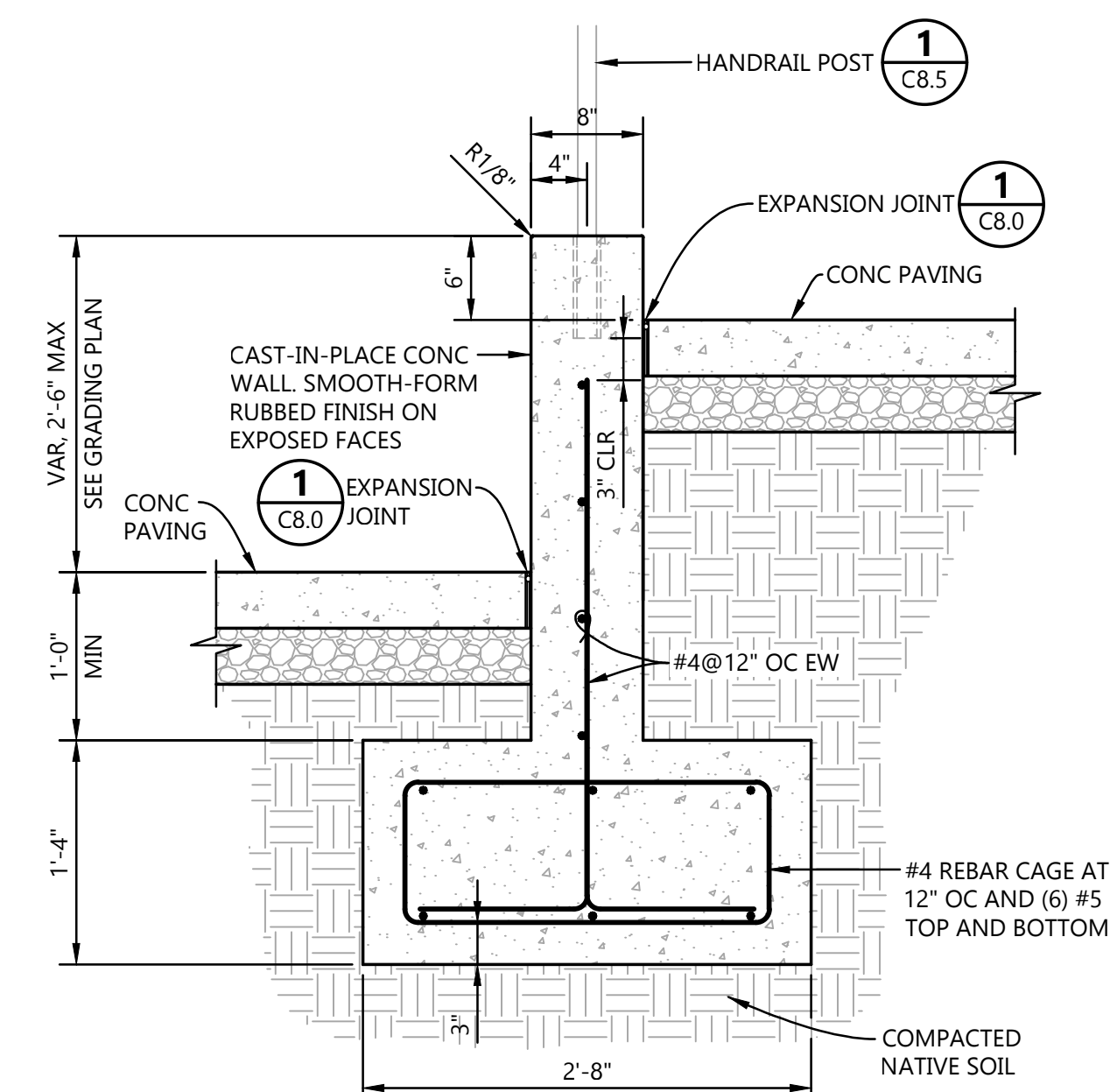
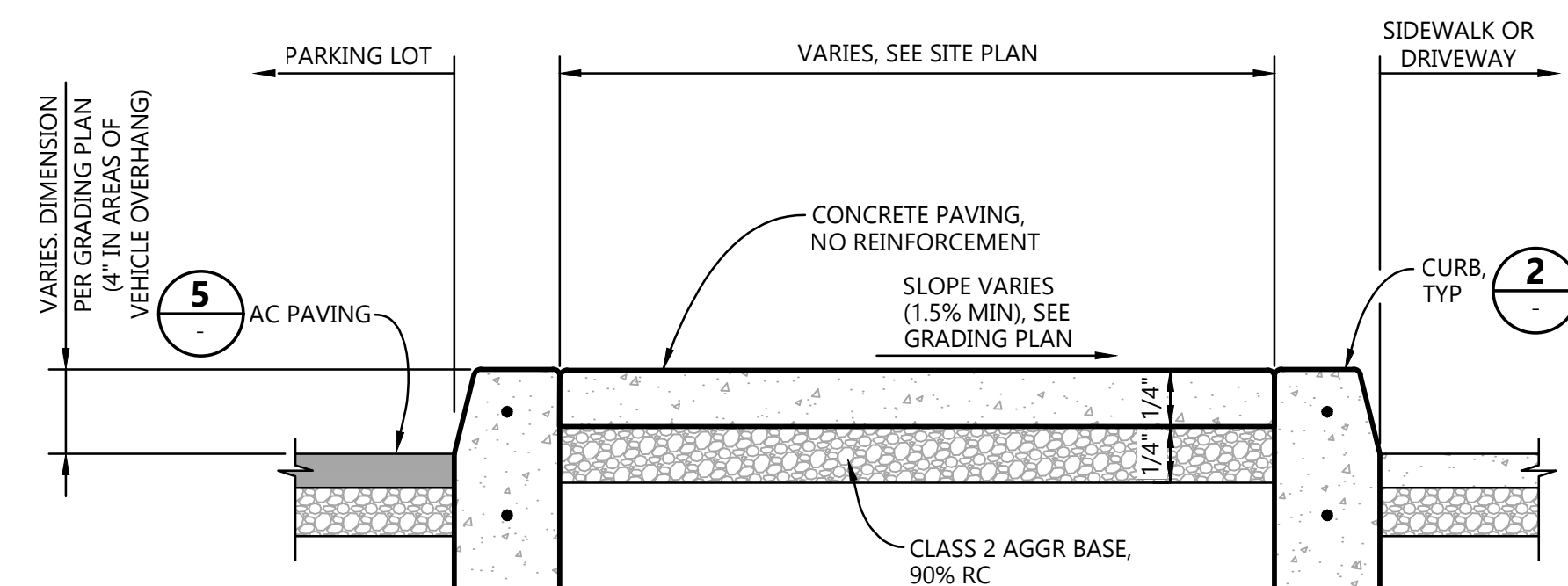
CONCRETE VALLEY GUTTER

NTS

3

WHEEL STOP

NTS



RAISED ISLAND SECTION

NTS

B

MINOR RETAINING WALL

NTS

5



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2/25/26

NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

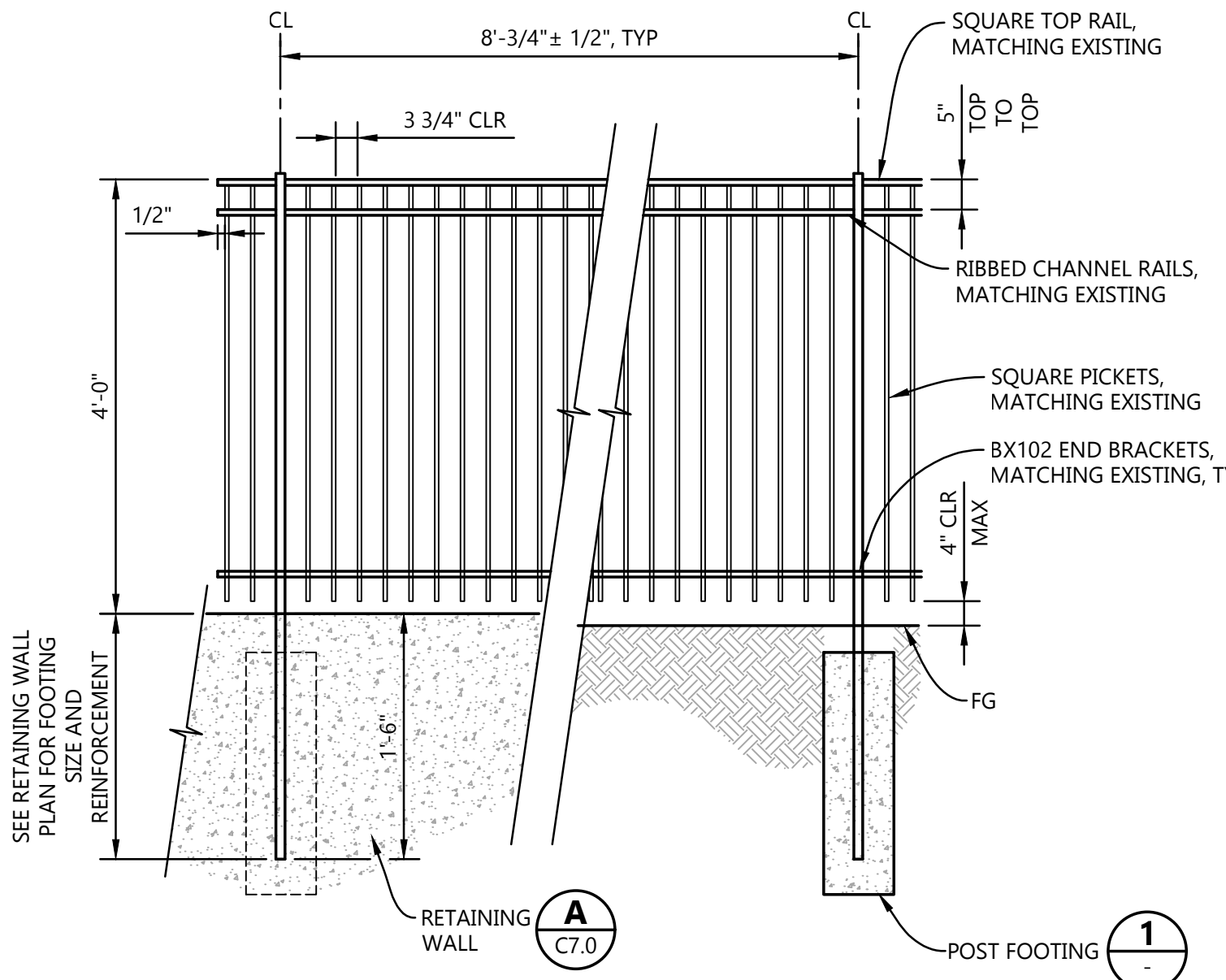
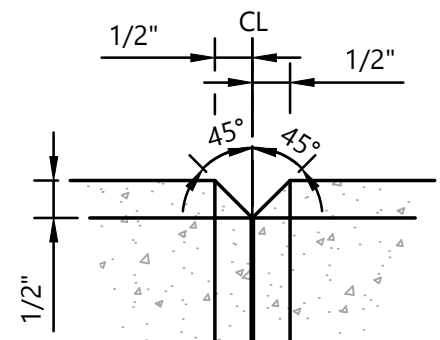
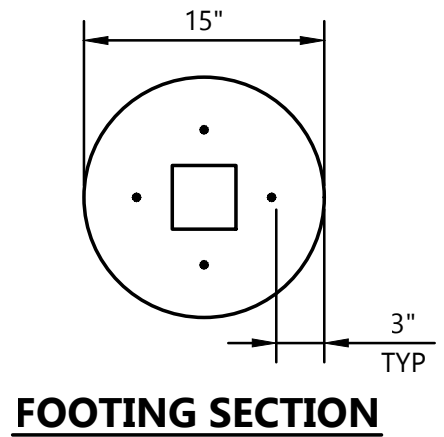
CAL POLY HUMBOLDT
CPH G11 PARKING LOT
ARCATA, CALIFORNIA

DETAILS

DATE	02/2026	DSGN	CC
PROJ. NO.	025150	DR	CDN/JWF
		CHK	JSO

SHEET

C8.2



- NOTES:**
- ALL FENCES SHALL BE REQUIRED TO MEET ALL APPLICABLE LOCAL AND STATE REQUIREMENTS.
 - BLACK POWDER COAT FINISH TO MATCH THE EXISTING FENCE.

POST FOUNDATION FOR FENCE

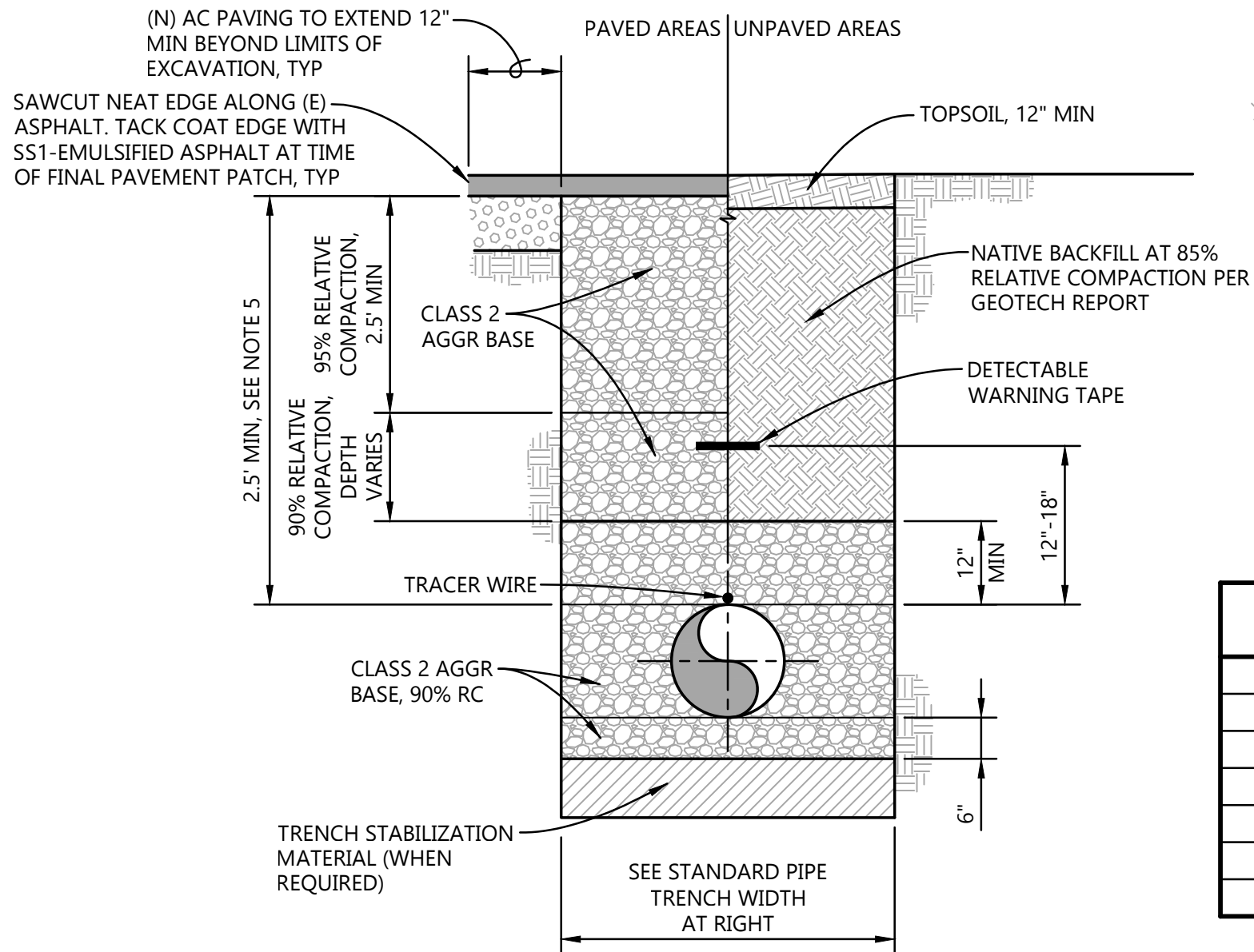
NTS

CONC WALL JOINTS

NTS

DECORATIVE METAL FENCE

NTS



- NOTES:**
- WIDER TRENCHES MAY REQUIRE HIGHER STRENGTH PIPE AND/OR SPECIAL BEDDING.
 - DIFFERING TRENCH WIDTHS REQUIRE PRIOR APPROVAL OF ENGINEER.
 - IN MAKING EXCAVATIONS FOR THIS PROJECT, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING AND INSTALLING ADEQUATE SHEETING, SHORING AND BRACING AS MAY BE NECESSARY AS A PRECAUTION AGAINST SLIDES OR CAVE-INS, AND TO PROTECT ALL EXISTING IMPROVEMENTS OF ANY KIND, EITHER ON PUBLIC OR PRIVATE PROPERTY, FULLY FROM DAMAGE.
 - SATISFACTORY NATIVE BACKFILL MATERIAL USED AS UTILITY TRENCH BACKFILL BELOW UNPAVED AREAS SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
 - 2-SACK SLURRY BACKFILL MAY BE USED IN TRENCH WHEN MINIMUM PIPE COVER NOT POSSIBLE, WHEN APPROVED BY OWNER'S REPRESENTATIVE.
 - DETECTABLE WARNING TAPE SHALL BE BRIGHT COLORED, CONTINUOUSLY PRINTED, MINIMUM 6" WIDE BY 4 MIL THICK, MANUFACTURED FOR DIRECT BURIAL.
 - DETECTABLE WARNING TAPE NOT REQUIRED FOR IRRIGATION LINES.
 - GRAVEL ROADS SHALL USE PAVED AREA TRENCH SECTION BUT WITH AGGREGATE BASE TO SURFACE, UNLESS NOTED OTHERWISE.
 - MAINTAIN A MINIMUM OF 2'-0" SEPARATION WHERE PIPES ARE INSTALLED WITHIN THE SAME TRENCH.

TYPICAL SITE TRENCH

NTS

GRAVEL BAND

NTS



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NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

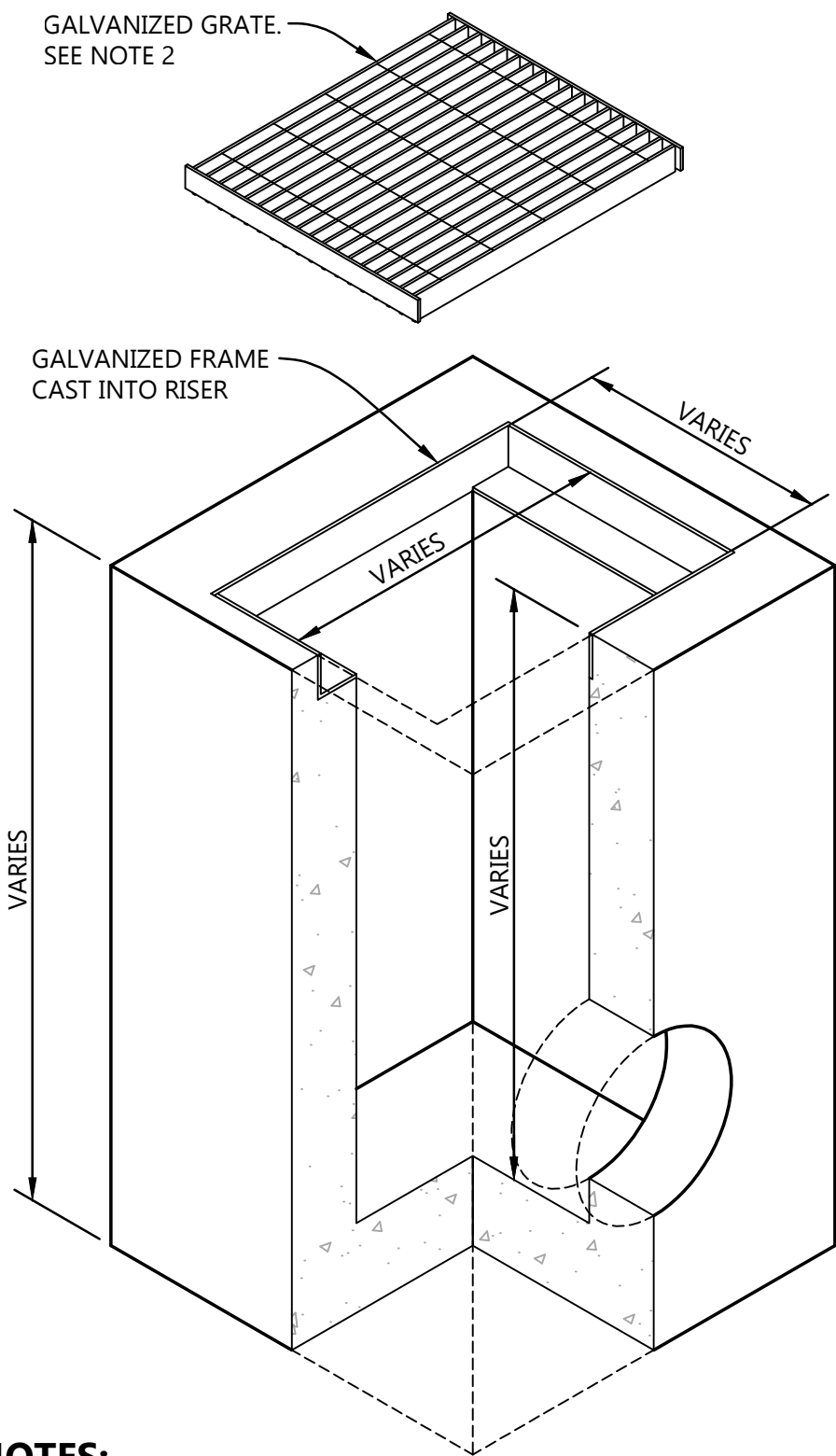
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ARCATA, CALIFORNIA

DETAILS

DATE	02/2026	DSGN	CC
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		CHK	JSO

SHEET

C8.3

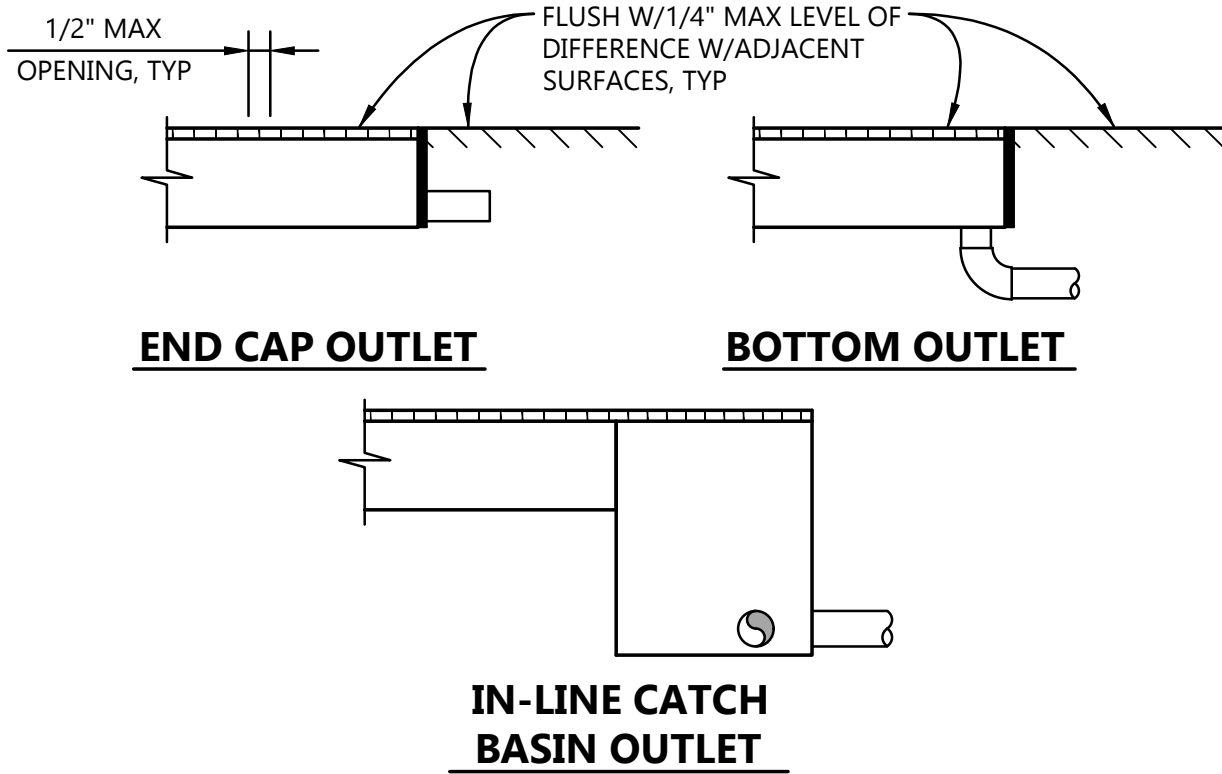


NOTES:

- MANUFACTURER IS RESPONSIBLE FOR DESIGNS OF DI FOR PROPOSED BURIAL DEPTHS, LOADING CONDITIONS, AND PIPE CONNECTIONS.
- IN ALL AREAS OF PEDESTRIAN TRAVEL AND ACCESSIBLE PARKING STALLS, GRATE SHALL BE ADA COMPLIANT PER SECTION 11B-302.3 OF THE CURRENT CALIFORNIA BUILDING CODE, AND OPENINGS SHALL BE 1/2" MAXIMUM IN THE DIRECTION OF TRAVEL.

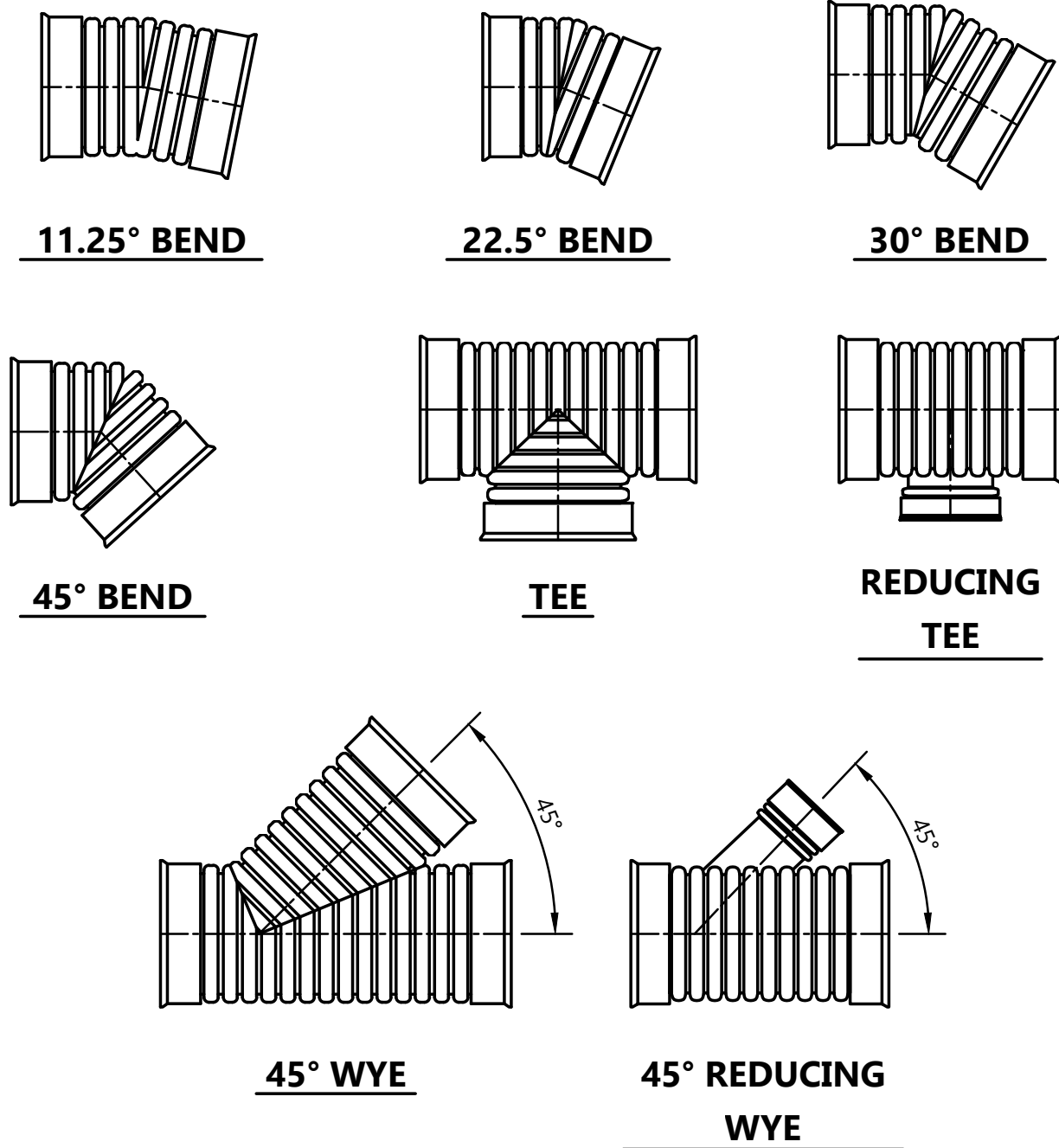
DRAIN INLET

NTS



TRENCH DRAIN OUTLET CONFIGURATIONS

NTS

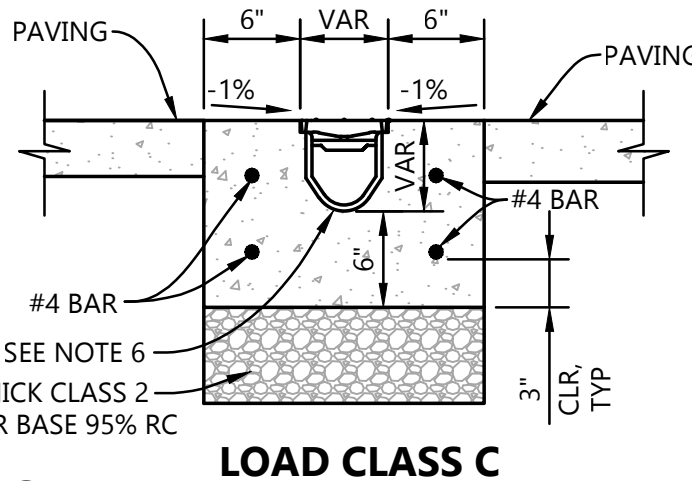


NOTES:

- FITTINGS SHALL BE USED AT ALL BENDS IN PIPELINE ALIGNMENTS.
- FITTINGS SHALL BE USED AT STRUCTURE CONNECTIONS TO MINIMIZE THE ANGLE AT WHICH THE PIPE ENTERS/EXITS THE STRUCTURE. SEE STRUCTURE CONNECTION DETAIL FOR FURTHER INFORMATION.
- CONTRACTOR TO DETERMINE SPECIFIC FITTINGS REQUIRED TO COMPLETE THE INSTALLATION AS SHOWN ON THE PLANS.
- FITTINGS SHALL MATCH THE PIPE TYPE (WATER-TIGHT OR SOIL-TIGHT), AND SHALL BE BELL/BELL TYPE.
- FITTINGS SHALL MATCH THE PIPE TYPE (N-12 VS HP).

ADS PIPE FITTINGS

NTS



LOAD CLASS C

NOTES:

- DIMENSIONS ARE SHOWN FOR INFORMATIONAL PURPOSES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- GRATE SHALL MEET ADA ACCESSIBILITY REQUIREMENTS.
- GRATES SHALL BE TRAFFIC RATED IN AREAS EXPOSED TO VEHICLE TRAFFIC.
- PLASTIC GRATES ARE NOT PERMITTED.
- LOAD CLASSIFICATIONS SHALL BE IN ACCORDANCE WITH EN 1433.
- TRENCH DRAIN SHALL HAVE A SLOPED INVERT WHERE CALLED FOR ON THE PLANS.

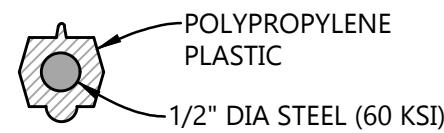
TRENCH DRAIN (W/SLOPED INVERT)

NTS

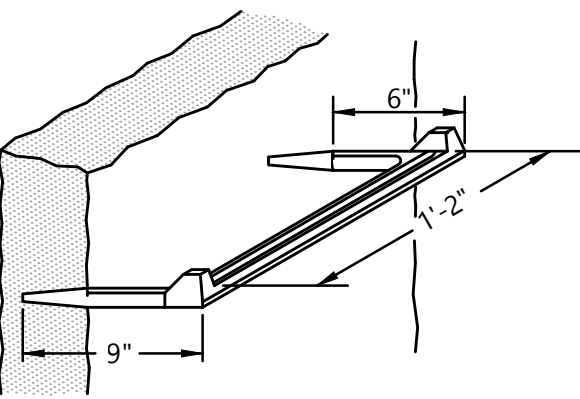
NOTES:

- "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND NORMAL GUTTER GRADE LINE UNDEPRESSED.
- WALL REINFORCING IS NOT REQUIRED WHEN H=8" OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH = 7' OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH #4 BARS AT 18" O.C. PLACED 1.5" CLEAR TO THE INSIDE OF THE BOX UNLESS OTHERWISE SHOWN.
- STEPS - NO STEPS ARE REQUIRED WHERE H<30". WHERE H IS 30" OR GREATER, STEPS SHALL BE INSTALLED WITH THE LOWEST RUNG 12" ABOVE THE FLOOR, AND THE HIGHEST RUNG NOT MORE THAN 6" BELOW THE TOP OF THE INLET. THE DISTANCE BETWEEN STEPS SHALL NOT EXCEED 12", AND SHALL BE UNIFORM THROUGHOUT THE ENTIRE LENGTH OF THE WALL. STEPS SHALL BE PLACED IN A WALL WITHOUT A PIPE OPENING. STEPS SHALL BE OSHA APPROVED. POLYPROPYLENE COATED STEEL.
- PIPES CAN BE PLACED IN ANY WALL.
- BASIN FLOORS SHALL HAVE WOOD TROWEL FINISH AND A MINIMUM SLOPE OF 12:3 FROM ALL DIRECTIONS TOWARDS THE OUTLET PIPE.
- GRATES AND GRATE FRAMES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- SET INLET SO THAT GRATE BARS ARE PARALLEL TO DIRECTION OF PRINCIPAL SURFACE FLOW.
- ALL INLETS SHALL BE CAST-IN-PLACE.
- WHERE THE FLOOR OF THE DI IS POURED SEPARATELY FROM THE WALLS, THE WALLS SHALL BE FORMED WITH A KEYWAY AS SHOWN. IF THE FLOOR IS POURED MONOLITHICALLY WITH THE WALLS, THE KEYWAY MAY BE OMITTED.
- ALL CONNECTIONS SHALL BE IN SIDE OR BACK WALL. NO CORNER CONNECTION. LARGER BOX MAY BE REQUIRED.

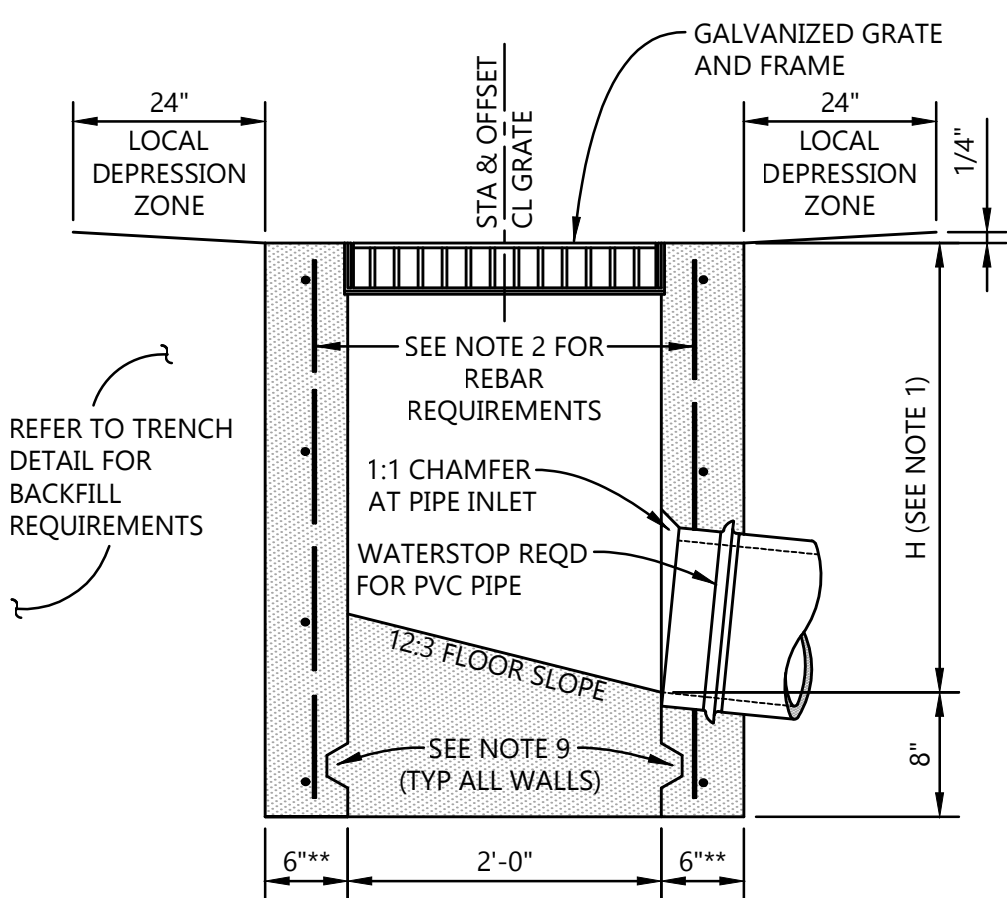
** WHEN 'H' IS GREATER THAN 8'-0", WALL THICKNESS SHALL BE INCREASED TO 8".



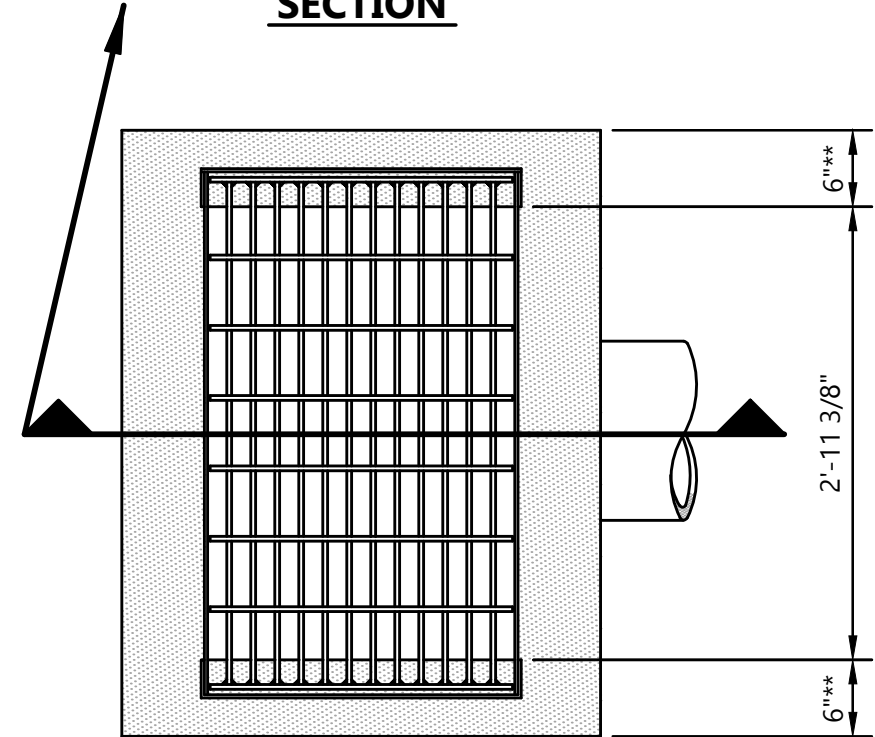
STEP TYPICAL SECTION



STEP DETAIL



SECTION



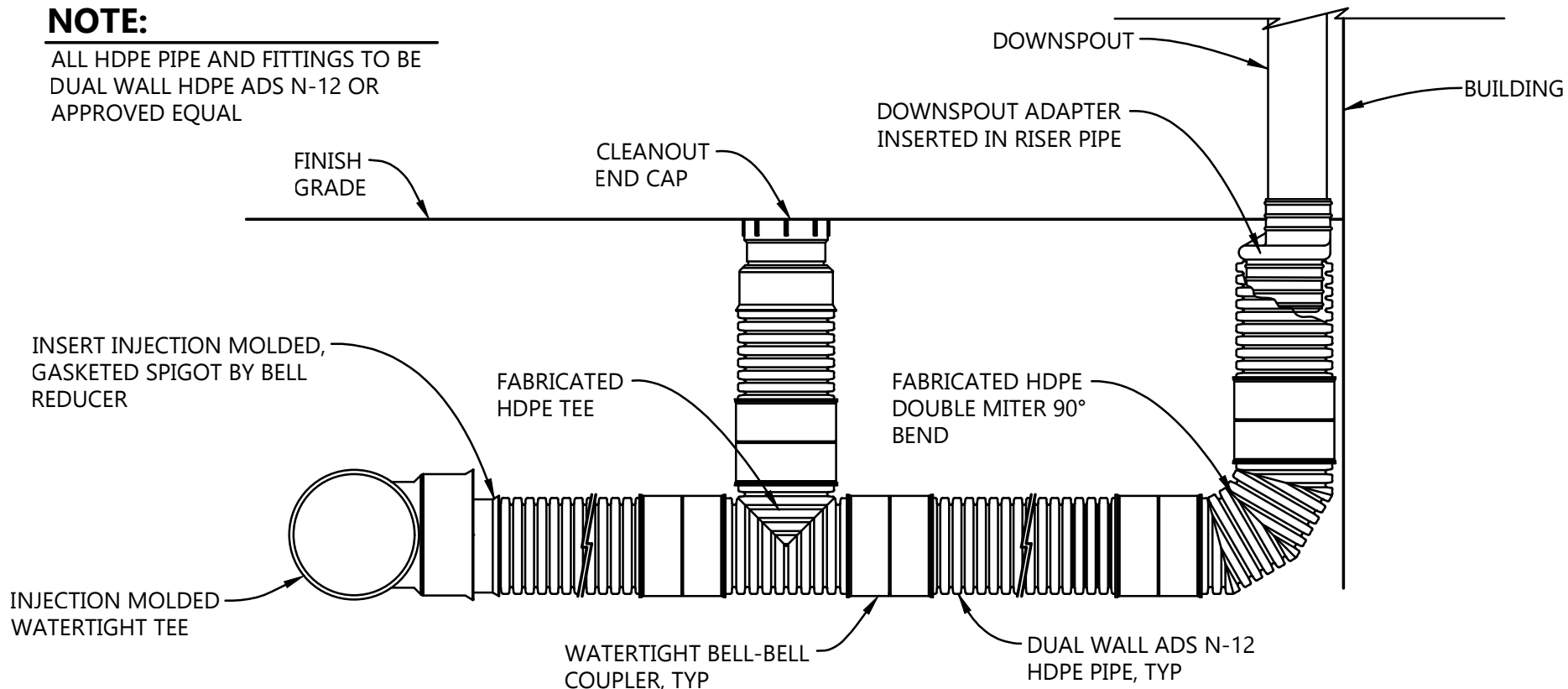
PLAN

TYPE G1 DRAINAGE INLET

NTS

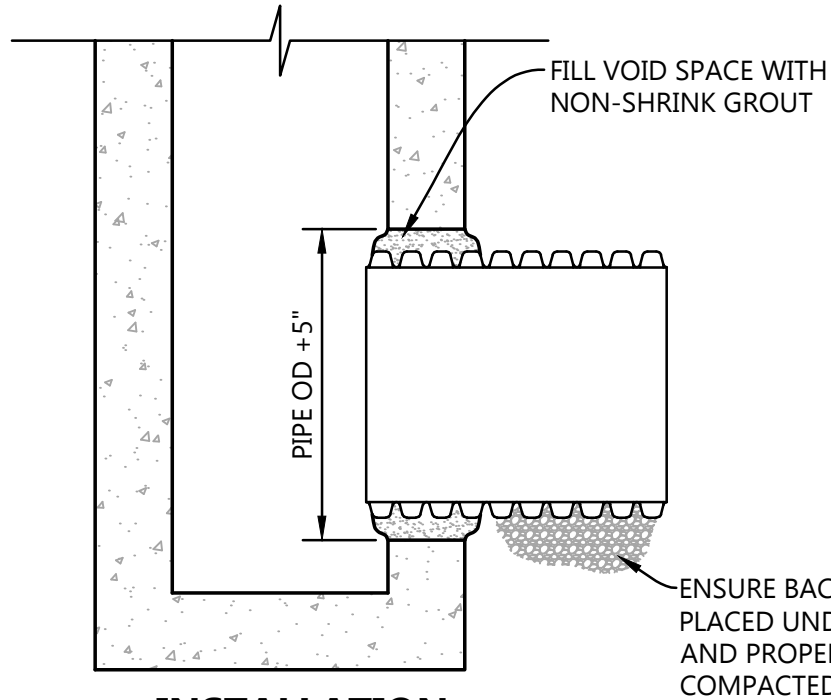
NOTE:

ALL HDPE PIPE AND FITTINGS TO BE DUAL WALL HDPE ADS N-12 OR APPROVED EQUAL



STORM DRAIN DOWNSPOUT CONNECTION

NTS



INSTALLATION

STURCTURE CONNECTION

NTS

7

4

5

6

1

2

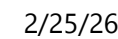
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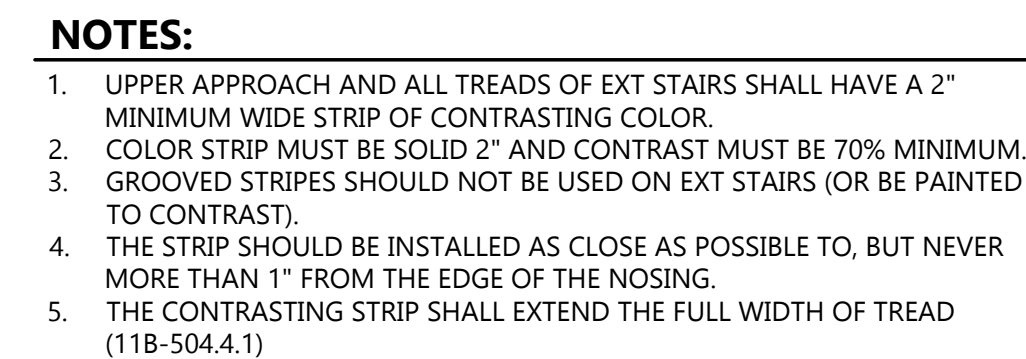
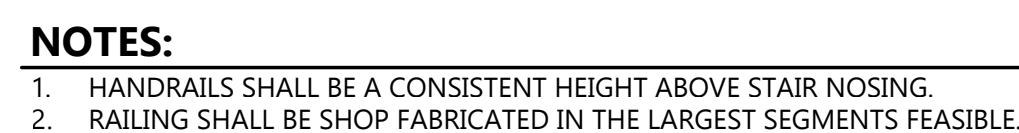
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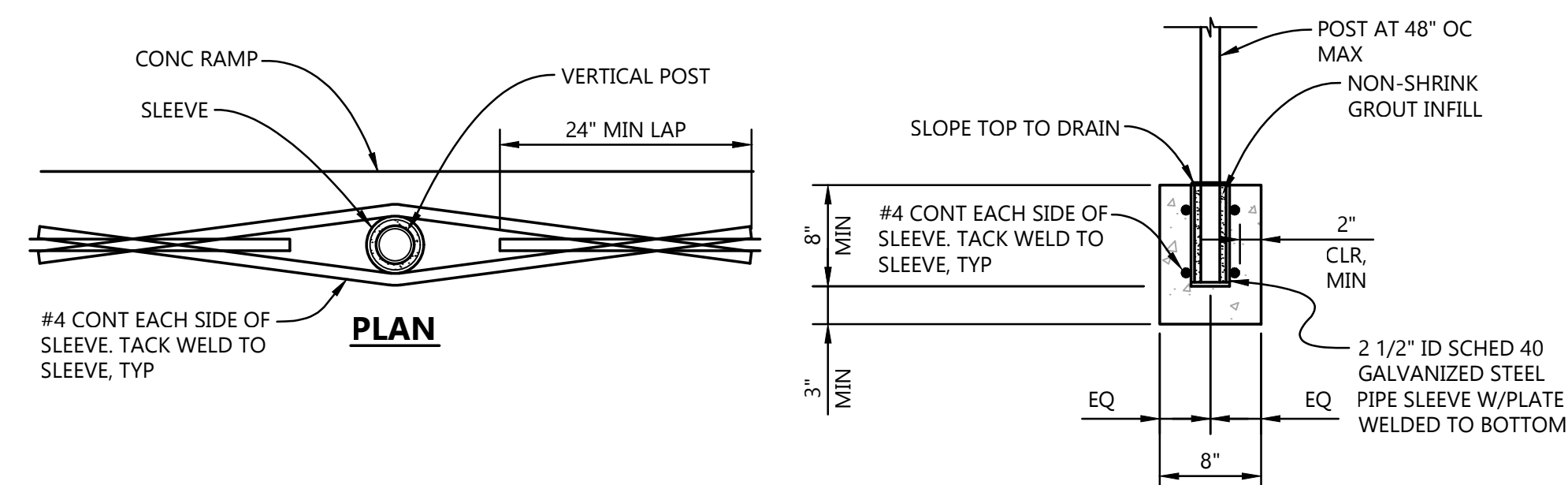
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	CHK
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C8.4

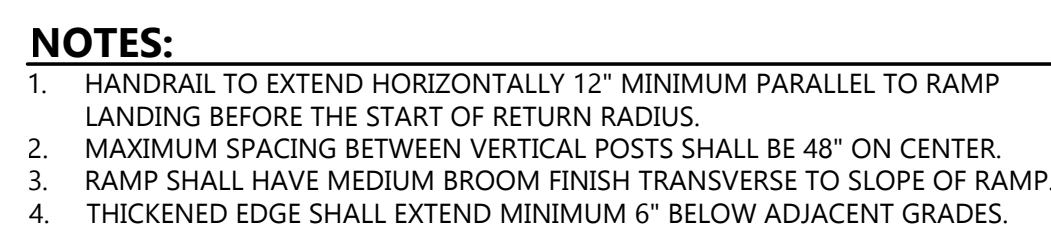


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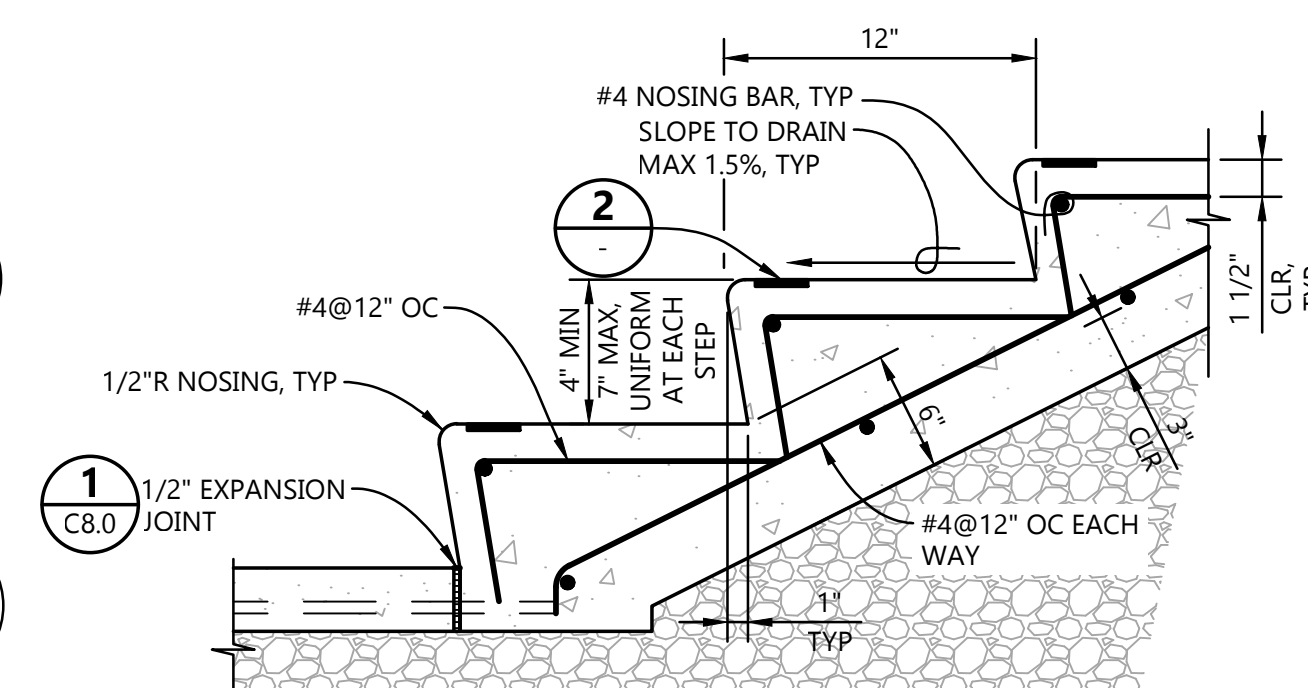


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NTS



NTS

C8.5

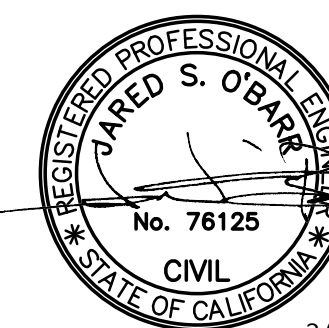


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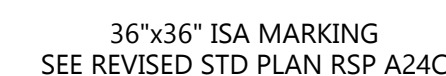
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2/25/26

WESTERN ACCESSIBLE PARKING

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ISA MARKING

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EASTERN ACCESSIBLE PARKING

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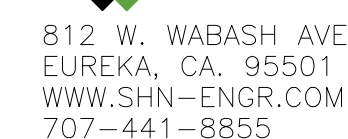
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CPH G11 PARKING LOT
ARCATA, CALIFORNIA

DETAILS

DATE	DSGN	CC
02/2026	DR	CDN/JWF
PROJ. NO.	CHK	JSO
025150		

SHEET

C8.7

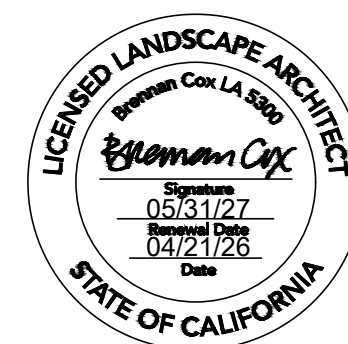


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XPL344 PARKING LOT G11 IMPROVEMENTS
HARPST AND ROSSOW, STREET, ARCATA, CA

PLANTING PLAN G11-100% CD

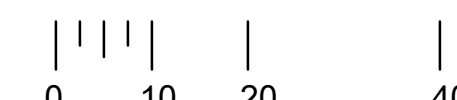
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04/21/26	DR	AE
PROJ. NO.	CHK	SP
G11		

SHEFF

L1.0



SCALE 1"=20'-0"

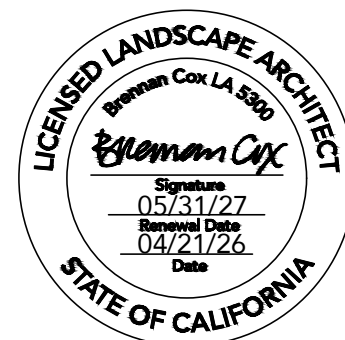




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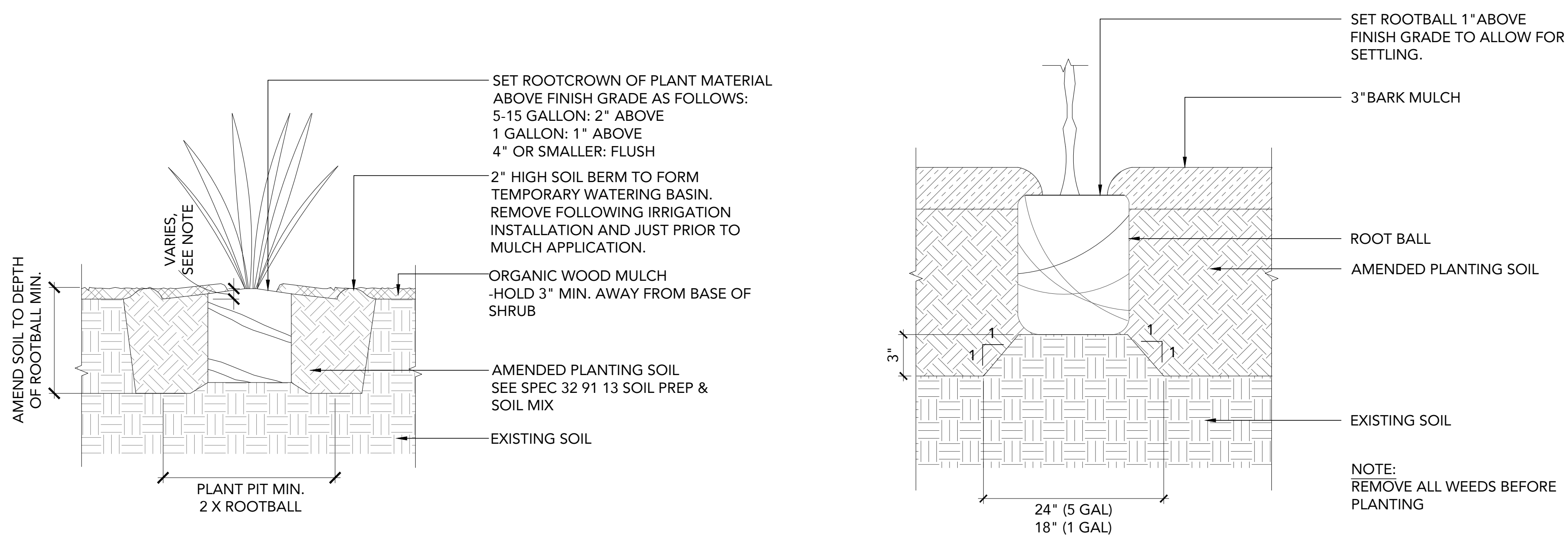
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PLANTING DETAILS

G11-100% CD

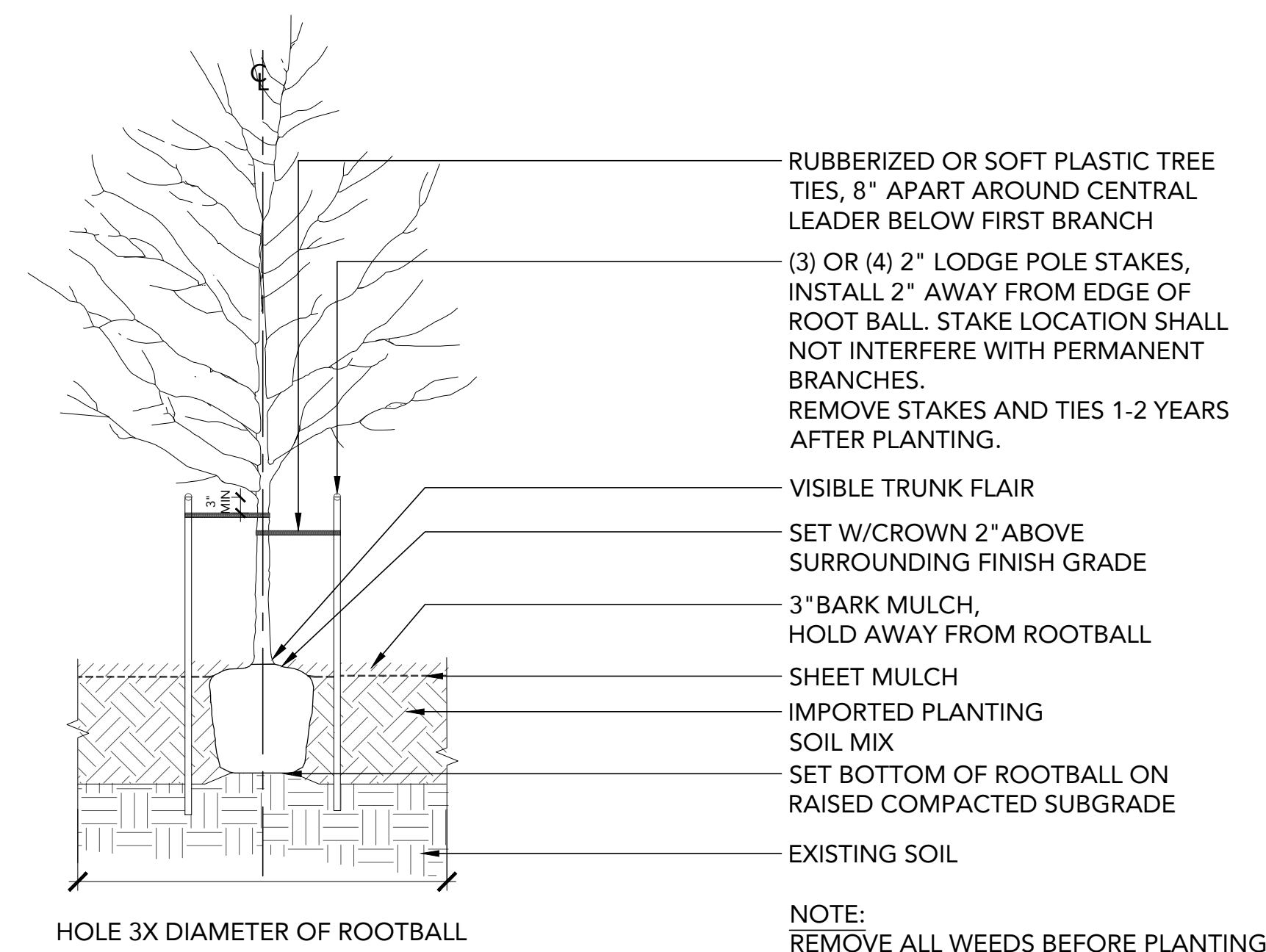
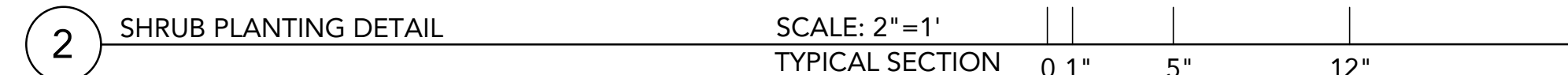
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04/21/26	DR	AE
PROJ. NO.	CHK	SP
G11		

L2.0

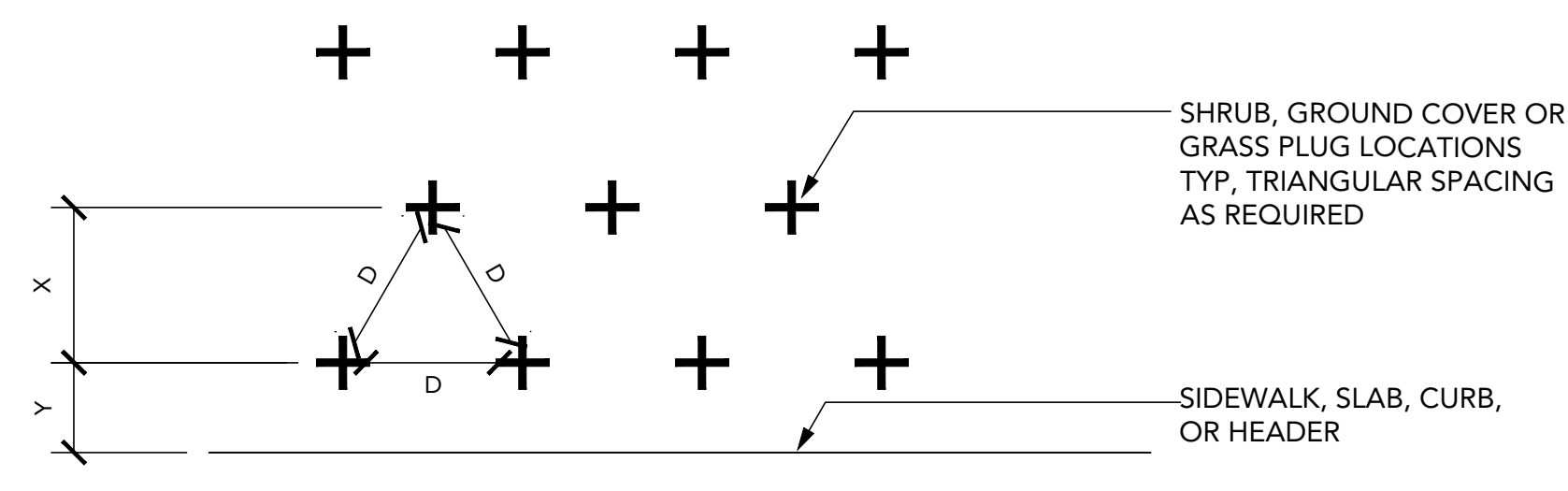


4 GROUND COVER PLANTING SCALE: 3/4"=1'-0"

TYPICAL SECTION 0 1' 2' 3'



3 TREE PLANTING DETAIL SCALE: 3/8"=1'-0"



SPACING "D"	SPACING "X"	SPACING "Y"
1'-0" O.C.	10"	10"
1'-6" O.C.	16"	12"
2'-0" O.C.	21"	15"
3'-0" O.C.	30"	20"

1 TRIANGULAR PLANT SPACING SCALE: 1/2"=1'-0"

TYPICAL SECTION 0 1' 2' 3' 4' 5'



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SHEET 121

IRRIGATION NOTES AND LEGEND

G11	CHK	SP
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L3.1

IRRIGATION SYSTEM LEGEND

  sta gpm size	IRIGATION SUPPLETINE IRRIGATION LATERAL LINE SUBSURFACE DRIPLINE (SHRUBS AND GC) SUBSURFACE DRIPLINE (LAWN) CONTROLLER-STATION NUMBER GALLONS PER MINUTE THROUGH VALVE CONTROL VALVE SIZE	-1120/SCHEDULE 40 PVC PIPE -1120/SCHEDULE 40 PVC PIPE -NETAFIM-TLHCVXR5-18-10 -NETAFIM-TLHCVXR5-12-10 	-18" COVER -12" COVER -4" COVER -4" COVER
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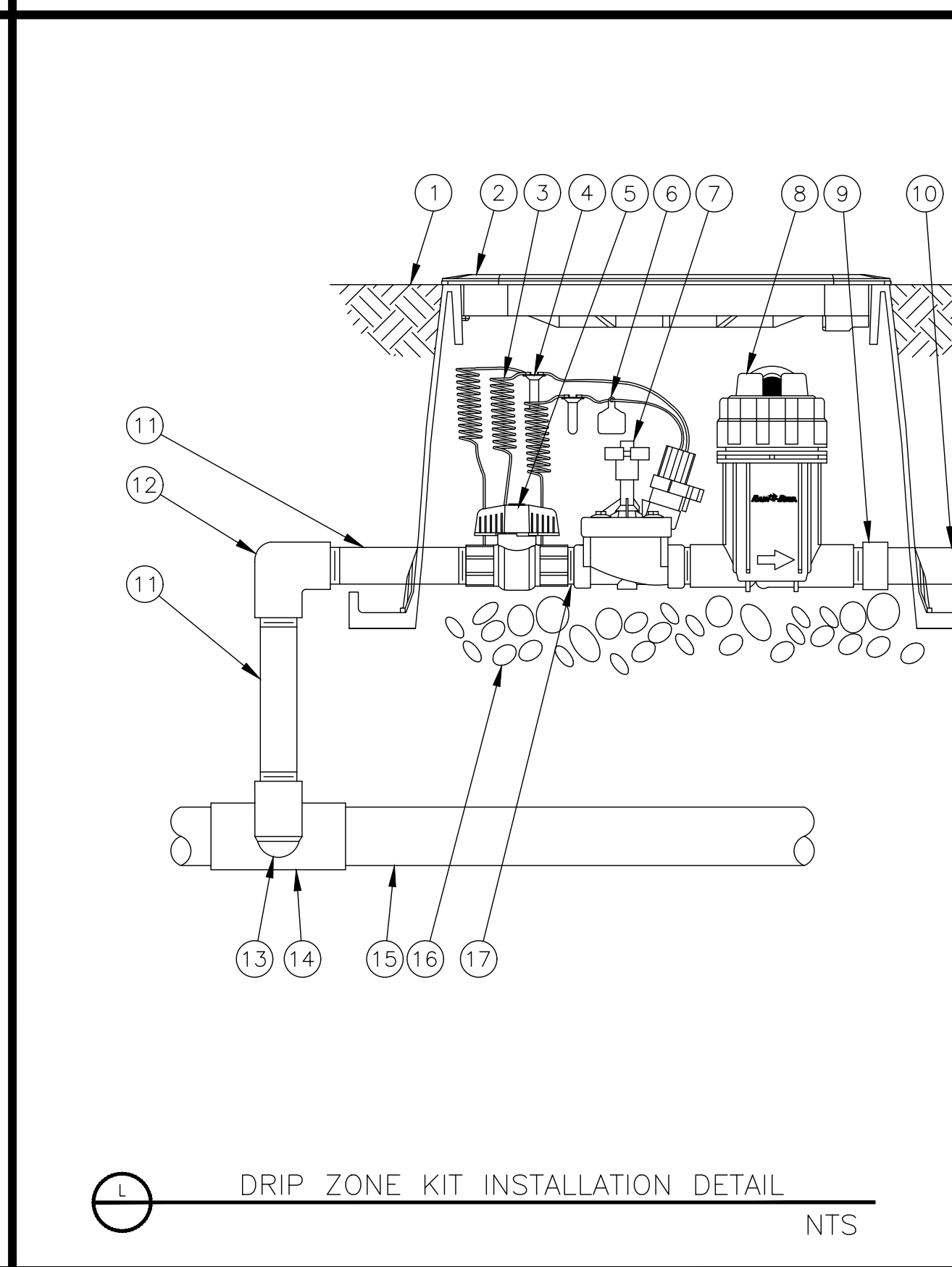
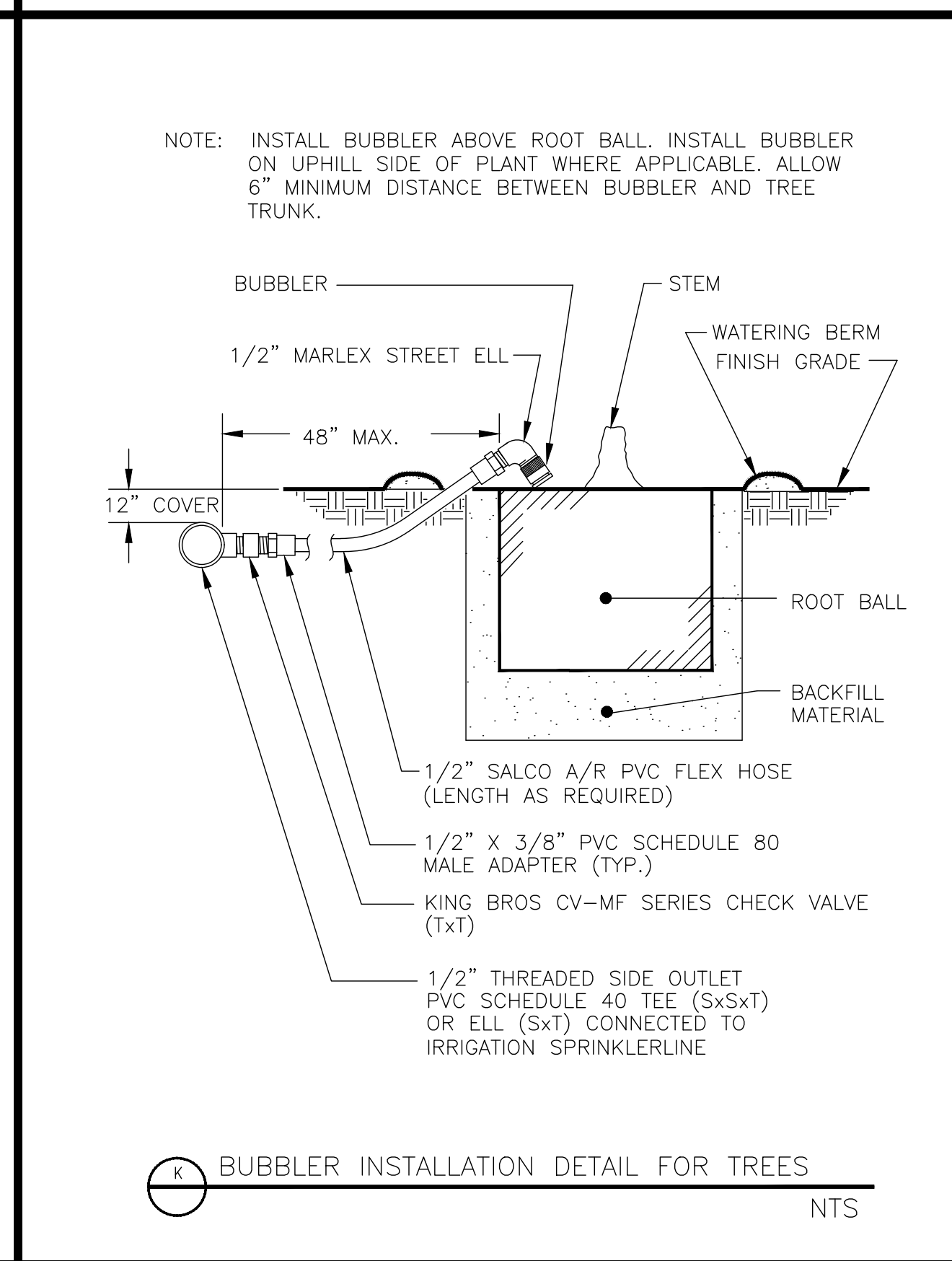
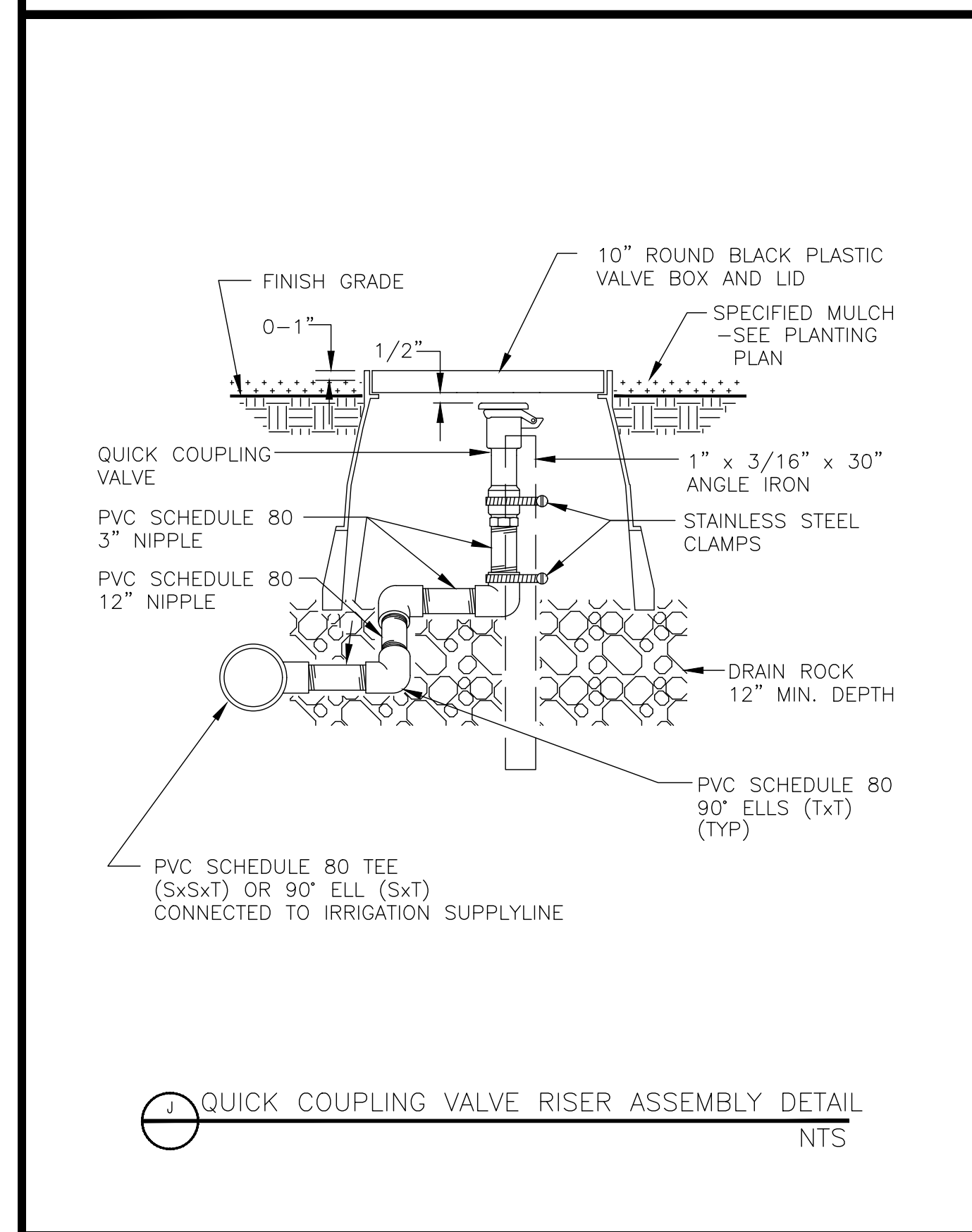
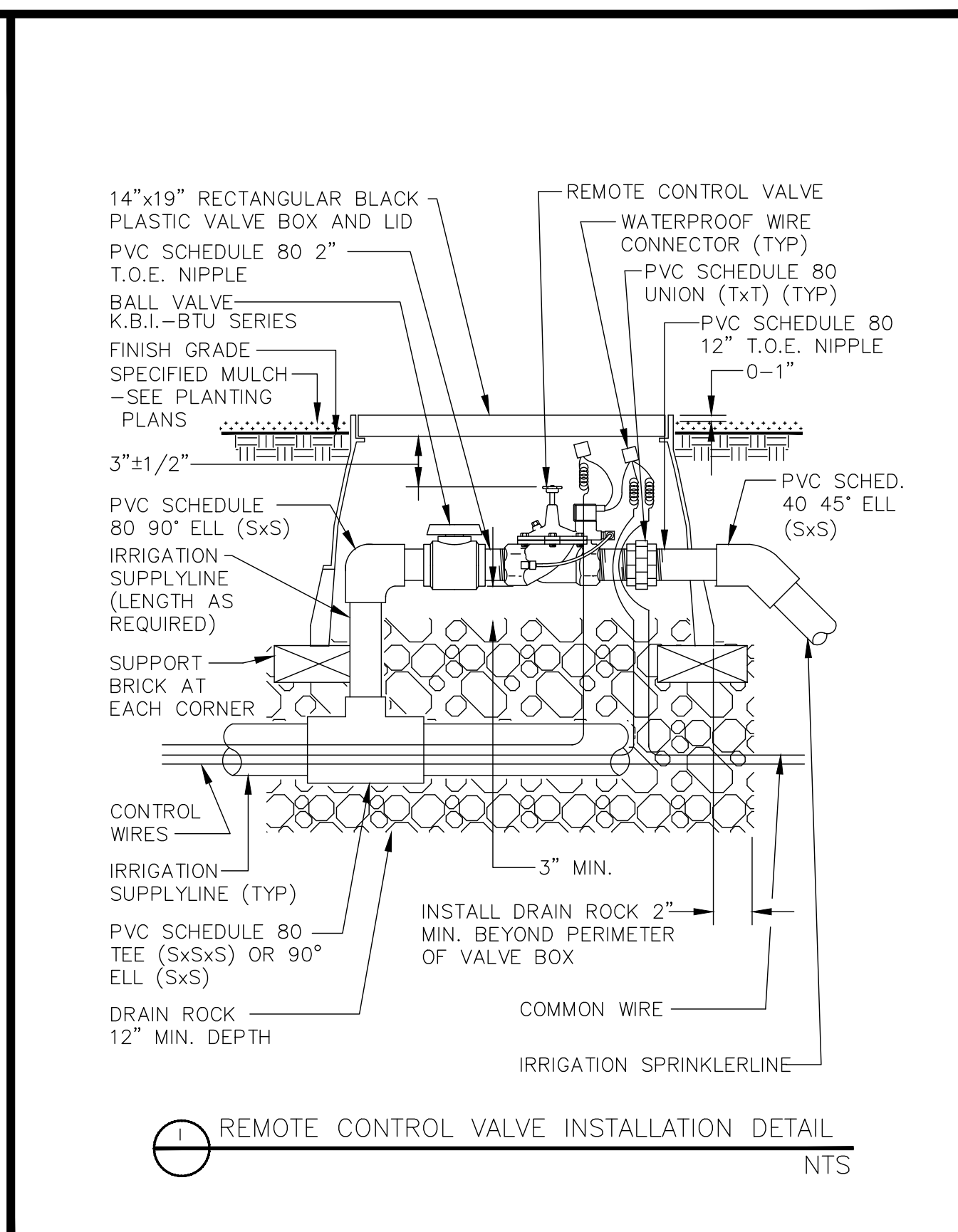
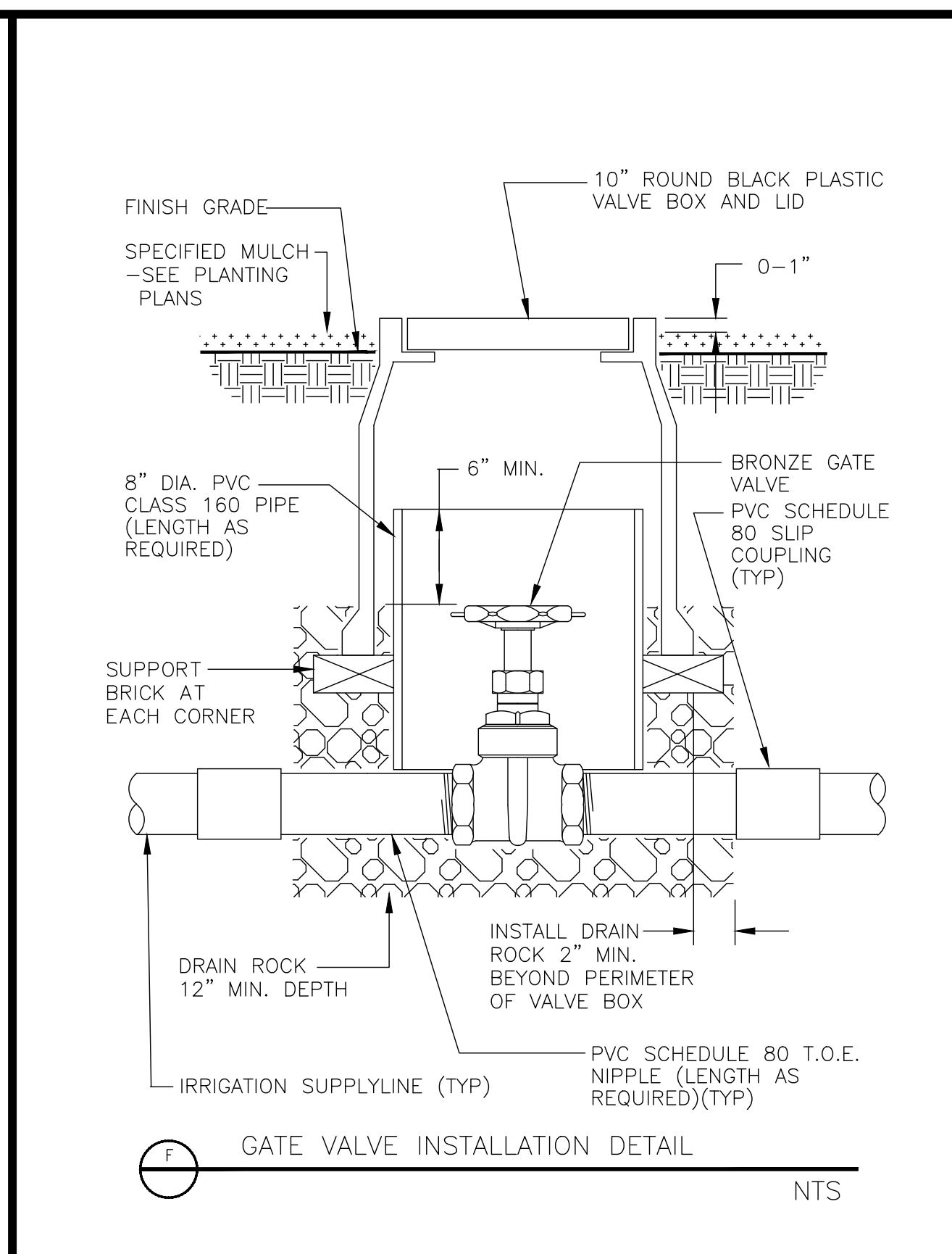
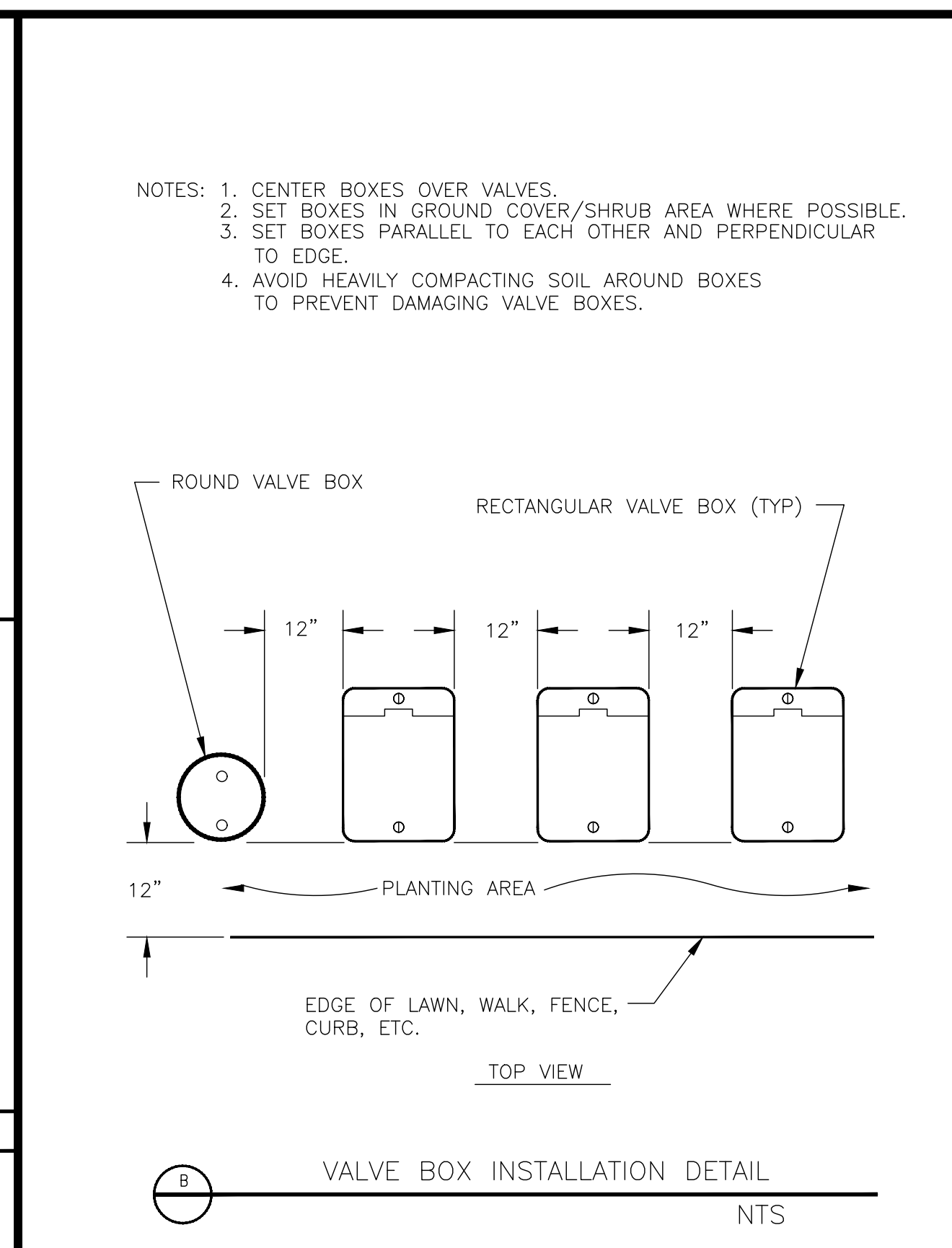
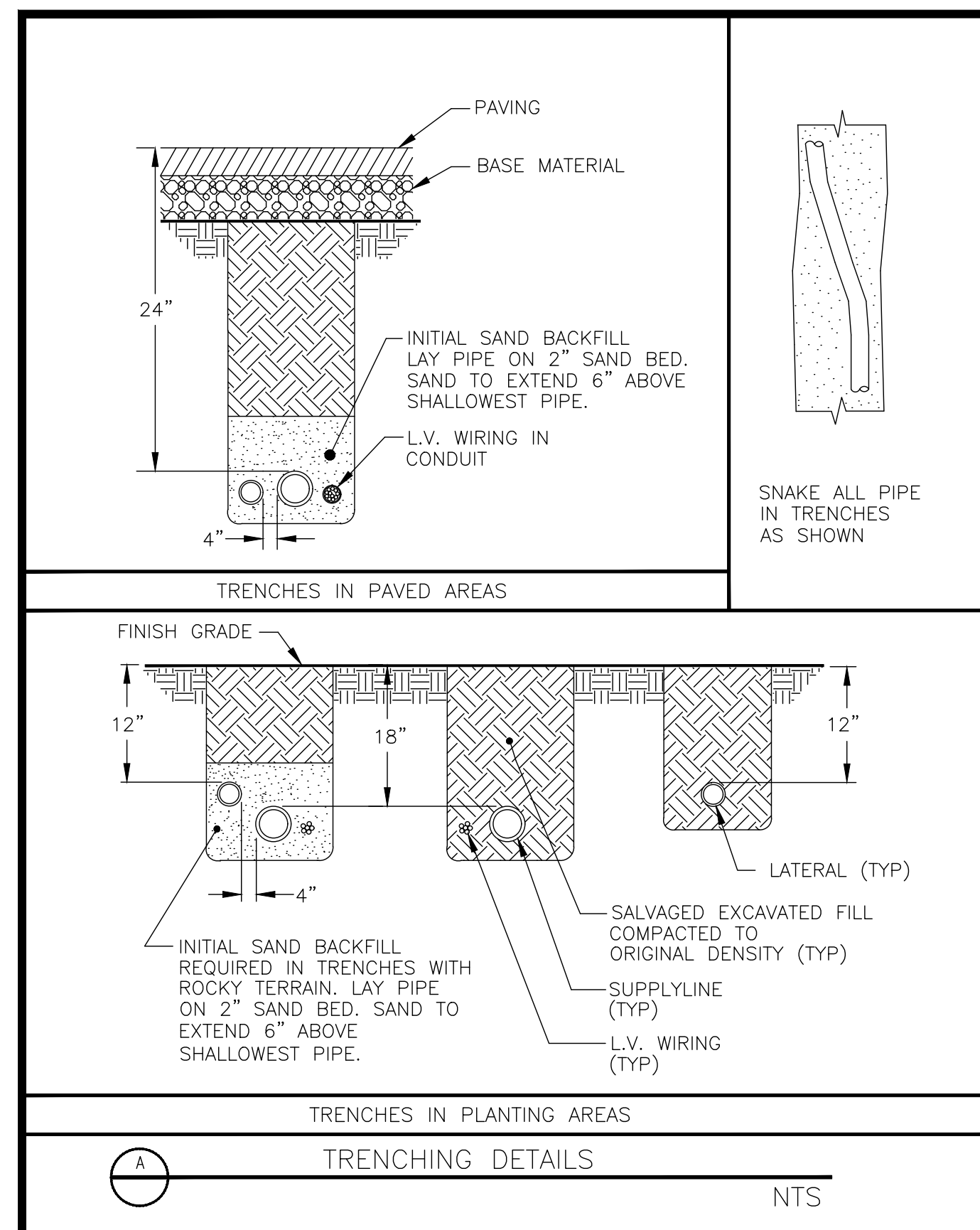
IRRIGATION SYSTEM NOTES

12. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING THIS PROJECT.



Post Office Box 3490
Livermore, Calif. 94551
T 925.518.3956
E ray@alliconsulting.net

ARTHUR LANDSCAPE
IRRIGATION CONSULTING



- ① FINISH GRADE/TOP OF MULCH
- ② VALVE BOX WITH COVER:
- ③ 30-INCH LINEAR LENGTH OF WIRE, COILED
- ④ WATERPROOF CONNECTION:
- ⑤ 1-INCH BALL VALVE (INCLUDED IN XCZ-PRB-100-COM KIT)
- ⑥ ID TAG
- ⑦ REMOTE CONTROL VALVE:
RAIN BIRD PESB (INCLUDED IN XCZ-PRB-100-COM KIT)
- ⑧ PRESSURE REGULATING QUICK CHECK BASKET FILTER:
RAIN BIRD PRB-QKCHK-100 (INCLUDED IN XCZ-PRB-100-COM KIT)
- ⑨ PVC SCH 40 FEMALE ADAPTOR
- ⑩ LATERAL PIPE
- ⑪ PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- ⑫ PVC SCH 40 ELL
- ⑬ PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
- ⑭ PVC SCH 40 TEE OR ELL
- ⑮ MAINLINE PIPE
- ⑯ 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- ⑰ PVC SCH 80 NIPPLE, CLOSE (INCLUDED IN XCZ-PRB-100-COM KIT)



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HARPST AND ROSSOW, STREET, ARCATA, CA

IRRIGATION DETAILS

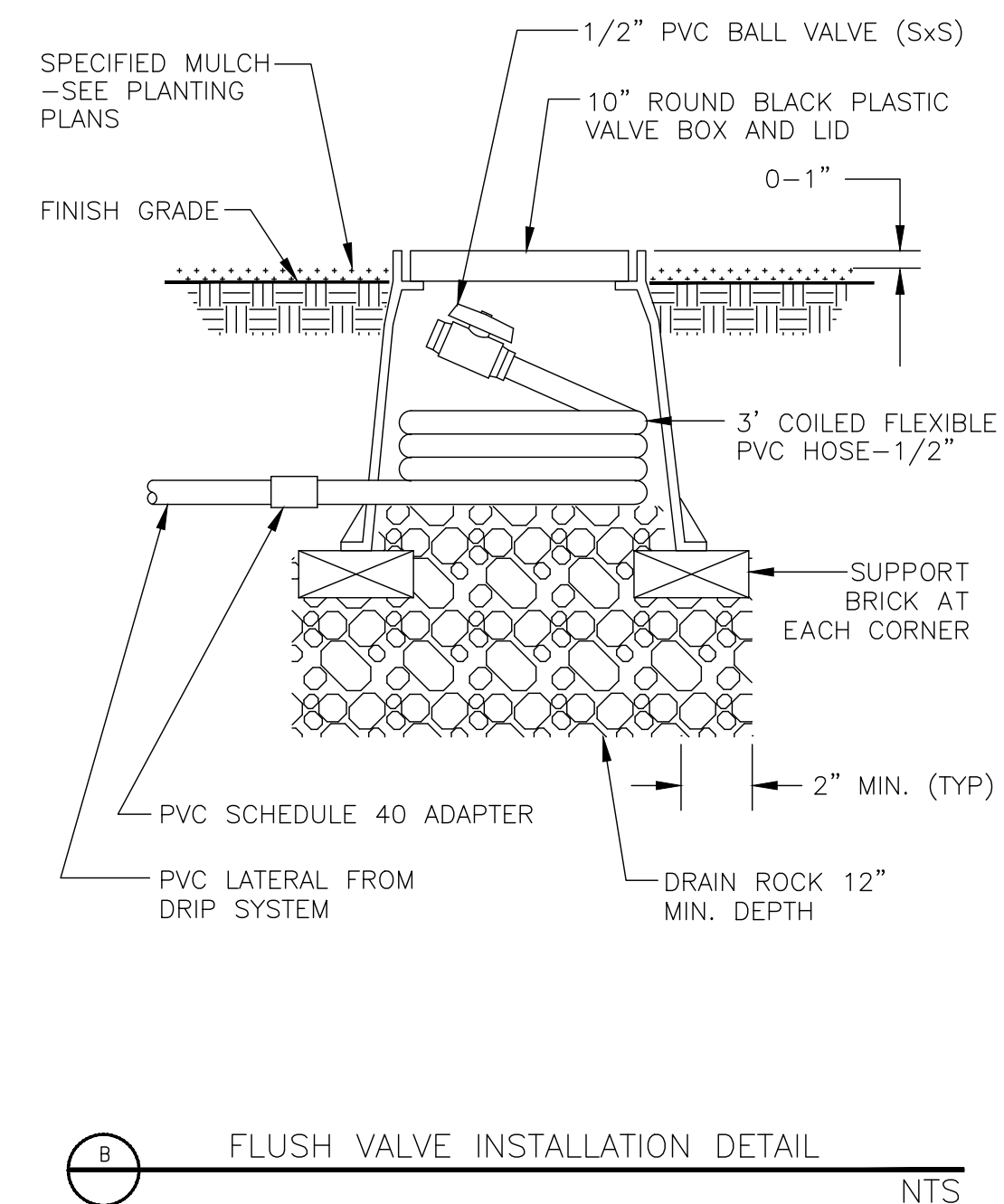
G11-100%CD

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04/21/26	DR	AE
PROJ. NO.	CHK	SP
G11		

SHEET

L3.2

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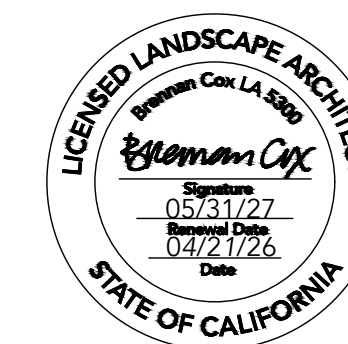


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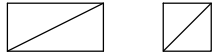
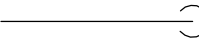
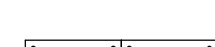
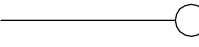
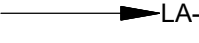
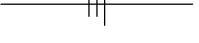
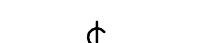
CAL POLY HUMBOLDT
XPL344 PARKING LOT G11 IMPROVEMENTS
HARPST AND ROSSOW, STREET, ARCATA, CA

IRRIGATION DETAILS

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G11		

SHEET

L3.3

ELECTRICAL LEGEND AND ABBREVIATIONS						
RACEWAYS		CONDUIT; EXPOSED ON WALL OR CEILING	LIGHTING		LUMINAIRE; RECESSED IN CEILING.	
		CONDUIT; CONCEALED			LUMINAIRE; SURFACE MOUNTED.	
		CONDUIT; TURNED DOWN			LUMINAIRE; SUSPENDED LINEAR. SUSPENSION POINTS ARE GRAPHIC AND DO NOT REPRESENT ACUTAL LOCATIONS OR QUANTITY.	
		CONDUIT; TURNED UP			ROUND DOWNLIGHT LUMINAIRE; RECESSED IN CEILING.	
		CONDUIT HOMERUN; DESTINATION SHOWN. 3/4"C-2#12,1#12G, UON.			SQUARE DOWNLIGHT LUMINAIRE; RECESSED IN CEILING.	
POWER DISTRIBUTION		TICK MARKS ON BRANCH CIRCUIT CONDUIT RUNS INDICATE QUANTITY OF CONDUCTORS AS FOLLOWS: 1. SHORT TICK MARKS INDICATE THE NUMBER OF #12 AWG CURRENT CARRYING CONDUCTORS, UON. 2. SHORT TICK MARK WITH A FILLED DOT INDICATES A #12 AWG NEUTRAL CONDUCTOR, UON. 3. LONG TICK MARK INDICATES A #12 AWG EQUIPMENT GROUNDING CONDUCTOR, UON.		DIRECTIONAL LUMINAIRE; RECESSED IN CEILING.		
		DECORATIVE LUMINAIRE; PENDANT MOUNTED.		EXIT SIGN LUMINAIRE, CEILING OR WALL MOUNTED WITH DIRECTIONAL ARROWS AS NOTED ON THE PLANS.		
		COMBO EXIT SIGN AND EGRESS LUMINAIRE; CEILING OR WALL MOUNTED WITH ARROWS AS NOTED ON PLANS.		EMERGENCY SELF-POWERED BATTERY PACK WITH LUMINAIRE HEADS AS NOTED ON PLANS.		
		HALF SHADING OF ANY LUMINAIRE INDICATES EMERGENCY/EGRESS LIGHTING. PROVIDE WITH A MINIMUM OF 90 MINUTES OF BACKUP POWER IN ACCORDANCE WITH CBC 1008.3.5.	LIGHTING CONTROLS		SINGLE-POLE, SINGLE-THROW SWITCH; WALL MOUNTED, +42" AFF, UON. LETTERING ADJACENT TO DEVICE INDICATES THE FOLLOWING: 3: THREE-WAY 4: FOUR-WAY K: KEY-OPERATED D: DIMMER T: TIMER O: OCCUPANCY SENSOR V: VACANCY SENSOR DO: COMBINATION OCCUPANCY SENSOR AND DIMMER SWITCH.	
		OCCUPANCY SENSOR FOR AREA COVERAGE; CEILING MOUNTED.			DAYLIGHT HARVESTING SENSOR; CEILING MOUNTED.	
		PLUG LOAD CONTROLLER; UL LISTED FOR CONTROLLING RECEPTACLES, 20A RATED.		TELECOMMUNICATIONS / AUDIO/VISUAL		TELECOMMUNICATION DEVICE; WALL MOUNTED, +18" AFF, UON. TWO DATA DROPS, UON.
		TELECOMMUNICATION DEVICE; WALL MOUNTED ABOVE COUNTER, 6" ABOVE BACKSPASH UON, BUT NO HIGHER THAN ADA REQUIREMENTS. TWO DATA DROPS UON.				TELEPHONE DEVICE; WALL MOUNTED, +42" AFF, UON.
		TELECOMMUNICATION DEVICE; MOUNTED IN FLUSH FLOOR BOX. TWO DATA DROPS, UON.				TELECOMMUNICATION DEVICE; CEILING MOUNTED. TWO DATA DROPS UON.
		WIRELESS ACCESS POINT; CEILING MOUNTED.	GENERAL		POINT OF CONNECTION	
		POINT OF DISCONNECTION				
	WIRING DEVICES		JUNCTION BOX; WALL MOUNTED, +18" AFF UON.			
			JUNCTION BOX; SURFACE OR PENDANT MOUNTED.			
			HARD-WIRED EQUIPMENT CONNECTION POINT.			
			DUPLEX CONVENIENCE RECEPTACLE DEVICE; WALL MOUNTED, +18" AFF, UON. LETTERING ADJACENT TO DEVICE INDICATES THE FOLLOWING: A: ARC FAULT CIRCUIT INTERRUPTER (AFCI) IG: ISOLATED GROUND L: LOCKABLE; WITH LOCKABLE "IN USE" COVER. USB: INTEGRATED USB PORTS WP: WEATHER-RESISTANT; WITH WEATHER-PROOF "IN USE" COVER"			
			QUADRUPLEX CONVENIENCE RECEPTACLE DEVICE; WALL MOUNTED, +18" AFF, UON.			
			DUPLEX OR QUADRUPLEX CONVENIENCE RECEPTACLE DEVICE; WALL MOUNTED, WITH INTEGRATED GROUND FAULT CIRCUIT INTERRUPTER (GFCI), +18" AFF UON.			
			DUPLEX OR QUADRUPLEX CONVENIENCE RECEPTACLE DEVICE; WALL MOUNTED, CONTROLLED PER T24, +18" AFF UON.			
			DUPLEX CONVENIENCE RECEPTACLE DEVICE; WALL MOUNTED ABOVE COUNTER, 6" ABOVE BACKSPASH UON, BUT NOT HIGHER THAN ADA REQUIREMENTS.			
		DUPLEX OR QUADRUPLEX CONVENIENCE RECEPTACLE DEVICE; MOUNTED IN FLUSH FLOOR BOX.				
		COMBINATION POWER/TELECOMMUNICATIONS DEVICE, MOUNTED IN FLUSH FLOOR BOX.				
		DUPLEX OR QUADRUPLEX CONVENIENCE RECEPTACLE DEVICE; MOUNTED FLUSH IN CEILING.				
		DUPLEX CONVENIENCE RECEPTACLE DEVICE; CORD OR REEL HUNG FROM STRUCTURE ABOVE. TYPE AS NOTED ON PLANS.				
		208/240V SINGLE-PHASE RECEPTACLE; WALL MOUNTED, +18" AFF, UON.				
		SPECIALTY OUTLET DEVICE, NEMA CONFIGURATION TYPE AS NOTED ON PLANS; WALL MOUNTED, +18" AFF, UON.				
		FRACTIONAL HORSEPOWER MOTOR STARTER/DISCONNECT SWITCH; MOUNTED ADJACENT TO MOTOR.				
ABBREVIATIONS		A	AMPERE			
		AC	ALTERNATING CURRENT			
		AFCI	ARC FAULT CIRCUIT INTERRUPTER			
		AF	OVERCURRENT FRAME SIZE (CIRCUIT BREAKERS) OR FUSE SIZE			
		AFF	ABOVE FINISHED FLOOR; TO CENTER OF DEVICE			
		AIC	ASYMMETRIC INTERRUPTING CURRENT			
		AL	ALUMINUM			
	AS	SAFETY SWITCH FRAME SIZE				
	AT	OVERCURRENT TRIP RATING (CIRCUIT BREAKERS)				
	ATS	AUTOMATIC TRANSFER SWITCH				
	BIL	BASIC INSULATION LEVEL				
	CEC	CALIFORNIA ELECTRICAL CODE				
	C	CONDUIT				
	CKT	CIRCUIT				
	CT	CURRENT TRANSFORMER				
	CU	COPPER				
	(D)	DEMOLISH				
	DC	DIRECT CURRENT				
	(E)	EXISTING				
	EC	ELECTRICAL CONTRACTOR				
	EV	ELECTRIC VEHICLE				
	(F)	FUTURE				
G / GND	GROUND					
GFCI	GROUND FAULT CIRCUIT INTERRUPTER					
GOAB	GANG OPERATED AIR BREAK SWITCH					
HOA	HAND / OFF / AUTO SWITCH					
J	JUNCTION BOX					
LCP	LIGHTING CONTROL PANEL					
LSI	LONG-TIME, SHORT-TIME, INSTANTANEOUS TRIP					
MCB	MAIN CIRCUIT BREAKER					
MCC	MOTOR CONTROL CENTER					
MCOV	MAXIMUM CONTINUOUS OPERATING VOLTAGE					
MLO	MAIN LUGS ONLY					
MSB	MAIN SWITCHBOARD					
MTS	MANUAL TRANSFER SWITCH					
N	NEUTRAL					
(N)	NEW					
NC	NORMALLY CLOSED					
NEC	NATIONAL ELECTRIC CODE					
NEMA	NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION					
NO	NORMALLY OPEN					
PB	PULLBOX					
PC	PHOTOCELL					
PNL	PANELBOARD					
PV	PHOTOVOLTAIC					
(R)	RELOCATE					
RECEPT	RECEPTACLE					
SPD	SURGE PROTECTION DEVICE					
SWBD	SWITCHBOARD					
SWGR	SWITCHGEAR					
TYP.	TYPICAL					
UON	UNLESS OTHERWISE NOTED					
V	VOLTS					
VA	VOLT-AMPS					
VFD	VARIABLE FREQUENCY DRIVE					
W	WATTS					
WP	WEATHERPROOF					
XFMR	TRANSFORMER					

LUMINAIRE SCHEDULE							
ID	Manufacturer	Model	Lamp	Luminous Flux	Color Temperature	Apparent Load	Description
S1	LITHONIA	MUNICH	LED	5000 lm	3500 K	59 VA	EXTERIOR POLE MOUNTED HERITAGE FIXTURE, TYPE XXX DISTRIBUTION, 13'-0" FLUTED ALUMINUM POLE, DECORATIVE ARM MOUNT, 480V AC, MATCH EXISTING HERITAGE FIXTURES MOUNTING HEIGHT, ARM LENGTH, AND DISTANCE FROM ROAD.
S2	LITHONIA	DSX0	LED	8800 lm	3500 K	69 VA	EXTERIOR POLE MOUNTED AREA FIXTURE, PERFORMANCE PACKAGE 3, TYPE TFTM DISTRIBUTION, 23'-0" SSS SQUARE POLE MOUNTING WITH 2'-0" CONCRETE BASE, 480 V AC.
S3	RAB	BLD24	LED	2600 lm	3000 K	24 VA	EXTERIOR BOLLARD, 360 DEGREE DISTRIBUTION, DOME, 120-277V AC, BLACK FINISH / MATCH EXISTING BOLLARD FINISH, COORDINATE FINAL FINISH WITH OWNER PRIOR TO ORDERING.

VOLTAGE DROP BRANCH CIRCUIT TABLE							
VOLT		MAXIMUM ALLOWED RUN LENGTH (FT)					
		AMP	#12	#10	#8	#6	#4
120	2	500	800	1200	2000	3250	
	4	250	400	600	1000	1625	
	6	175	250	400	650	1100	
	8	125	200	325	500	800	
	10	100	150	250	400	650	
	12	85	125	200	350	550	
	14	75	110	175	300	450	
277	2	1100	1800	2750			
	4	550	900	1375			
	6	350	600	950			
	8	275	450	700			
	10	225	350	550			
	12	175	300	475			
	14	150	250	400			
	16	140	225	360			

PANEL SCHEDULE BRANCH CIRCUIT SIZES SHALL ACCOUNT FOR VOLTAGE DROP. VOLTAGE DROP SHALL NOT EXCEED 3% FOR BRANCH CIRCUITS. COORDINATE BRANCH CIRCUIT LENGTH PER ACTUAL FIELD ROUTING WITH THE ABOVE VOLTAGE DROP TABLE. ADJUST BRANCH CIRCUIT CONDUCTOR SIZES AS REQUIRED. ADJUST CONDUIT SIZE AS REQUIRED FOR LARGER CONDUCTORS.

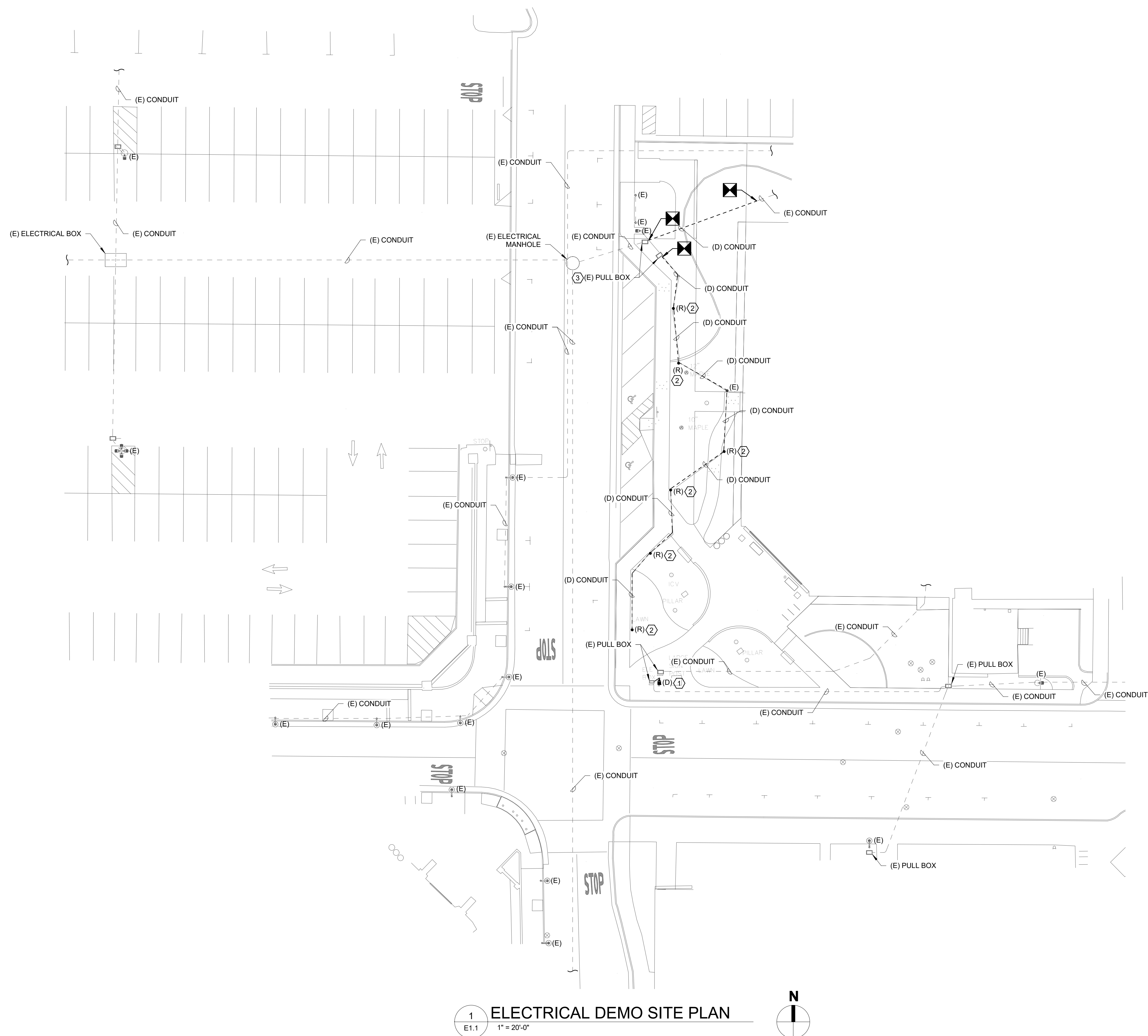


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GENERAL NOTES:

1. ALL EXISTING CIRCUIT ARE PHOTO CELL CONTROLLED.

KEYED NOTES:

- ① REMOVE EXISTING POLE AND FIXTURE AND RETURN TO UNIVERSITY.
- ② REMOVE AND PROTECT EXISTING BOLLARD DURING DEMOLITION. PREPARE FOR INSTALLATION FOR EXISTING FIXTURE IN NEW LOCATION AS SHOWN ON E2.0. MODIFY EXISTING FIXTURE AS REQUIRED TO SUCCESSFULLY CONNECT TO NEW ELECTRICAL DISTRIBUTION.
- ③ PROTECT EXISTING PULL BOX DURING SITE DEMOLITION. SEE SHEET E2.0 FOR NEW WORK.



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ELECTRICAL DEMOLITION SITE PLAN

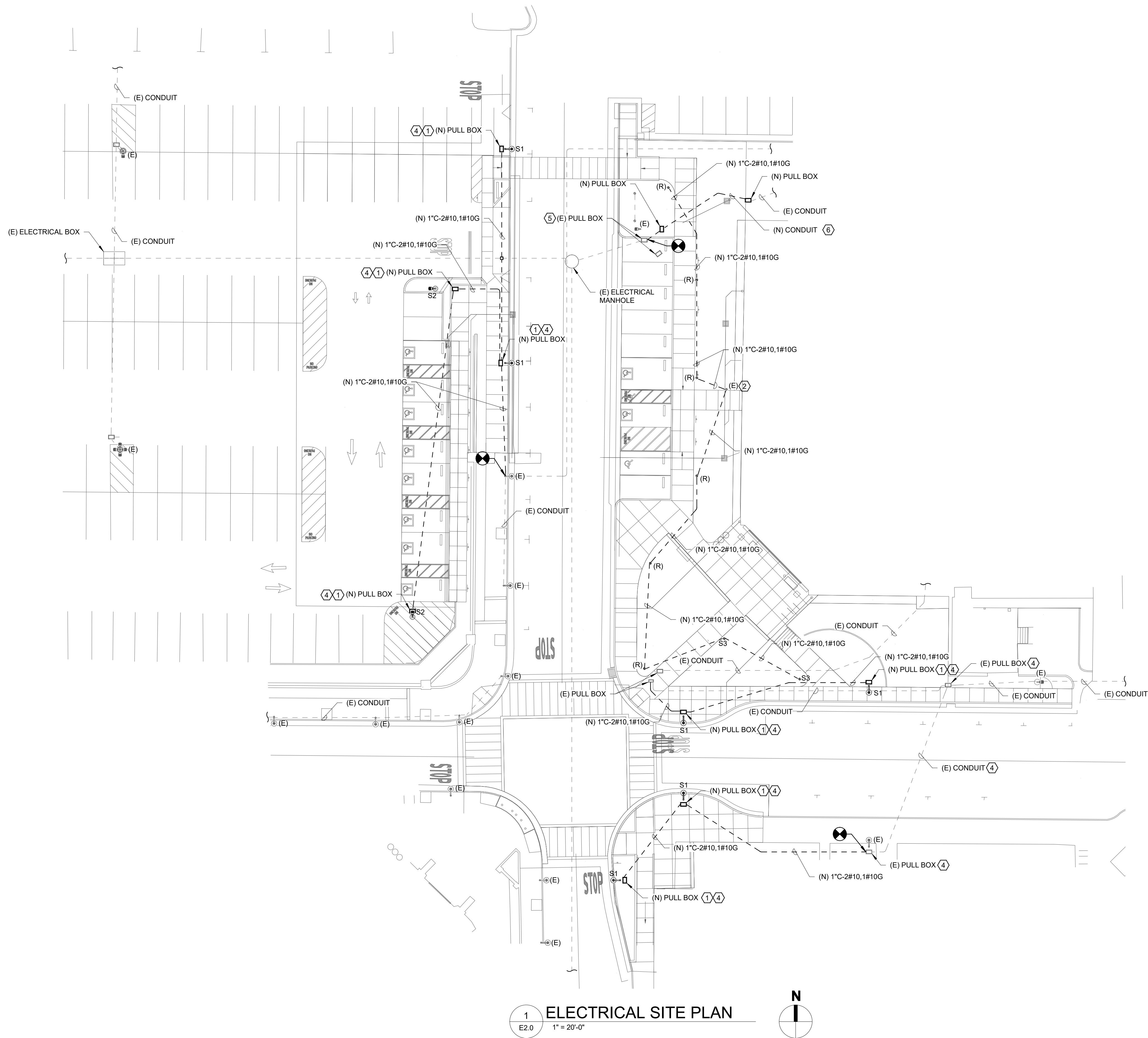
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PROJ. NO.	CHK	NW
25150		

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E1.1



100% CONSTRUCTION DRAWINGS



GENERAL NOTES:

1. ALL EXISTING CIRCUIT ARE PHOTO CELL CONTROLLED.

KEYED NOTES:

- 1 ADD LITTLEFUSE LEXXAAA 2P INLINE FUSE HOLDER FOR NEW FIXTURES IN PULL BOX.
- 2 EXISTING BOLLARD ON EMERGENCY GENERATOR LIGHTING CIRCUIT.
- 3 EXTEND EXISTING BOLLARD LIGHT CIRCUIT #2, EL 34, CONTACTOR #4 TO RELOCATED BOLLARD AND NEW BOLLARDS. MODIFY EXISTING FEEDERS AND PULL BOXES AS REQUIRED TO SUCCESSFULLY CONNECT NEW LIGHTS TO EXISTING DISTRIBUTION.
- 4 EXTEND EXISTING 480V STREET LIGHT CIRCUIT, SWITCHBOARD #1 CONTACTOR #2 TO NEW STREET LIGHTING AS SHOWN. MODIFY EXISTING FEEDERS AND PULL BOXES AS REQUIRED TO SUCCESSFULLY CONNECT NEW LIGHTS TO EXISTING DISTRIBUTION.
- 5 PROVIDE EXISTING PULL BOX WITH NEW TRAFFIC RATED LID IN SAME LOCATION. COORDINATE WITH CIVIL PLANS FOR SITE DEMO AND NEW WORK.
- 6 FIELD VERIFY EXISTING CONDUCTOR SIZING AND QUANTITY AND EXTEND IN NEW CONDUIT AS SHOWN TO TIE INTO EXISTING CONDUIT IN NEW PULL BOX.



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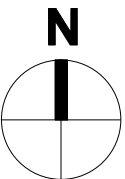
ELECTRICAL SITE PLAN

DATE	02/2026	DSGN	TA
PROJ. NO.	25150	DR	TA
SHEET		CHK	NW

E2.0



1 ELECTRICAL SITE PLAN
E2.0 1" = 20'-0"



Calculation Summary									
Area	ILLUMINANCE (fc)						HORIZONTAL UNIFORMITY RATIOS		
	IES STANDARD	DESIGN	TYPE	IES STANDARD	DESIGN	TYPE	IES STANDARD	DESIGN	TYPE
PARKING LOT	0.2	0.5	MIN	--	1.1	AVG.	20.0	4.8	MAX/MIN
PEDESTRIAN PATH	--	0.6	MIN	2.0 - 4.0	3.4	AVG.	5.0	5.7	AVG/MIN
STREET / PARKING	0.2	0.3	MIN	--	4.4	AVG.	20.0	44.7	MAX/MIN
SIDE WALK	--	2.1	MIN	2.0 - 4.0	3.3	AVG.	5.0	1.6	AVG/MIN



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ARCATA, CALIFORNIA

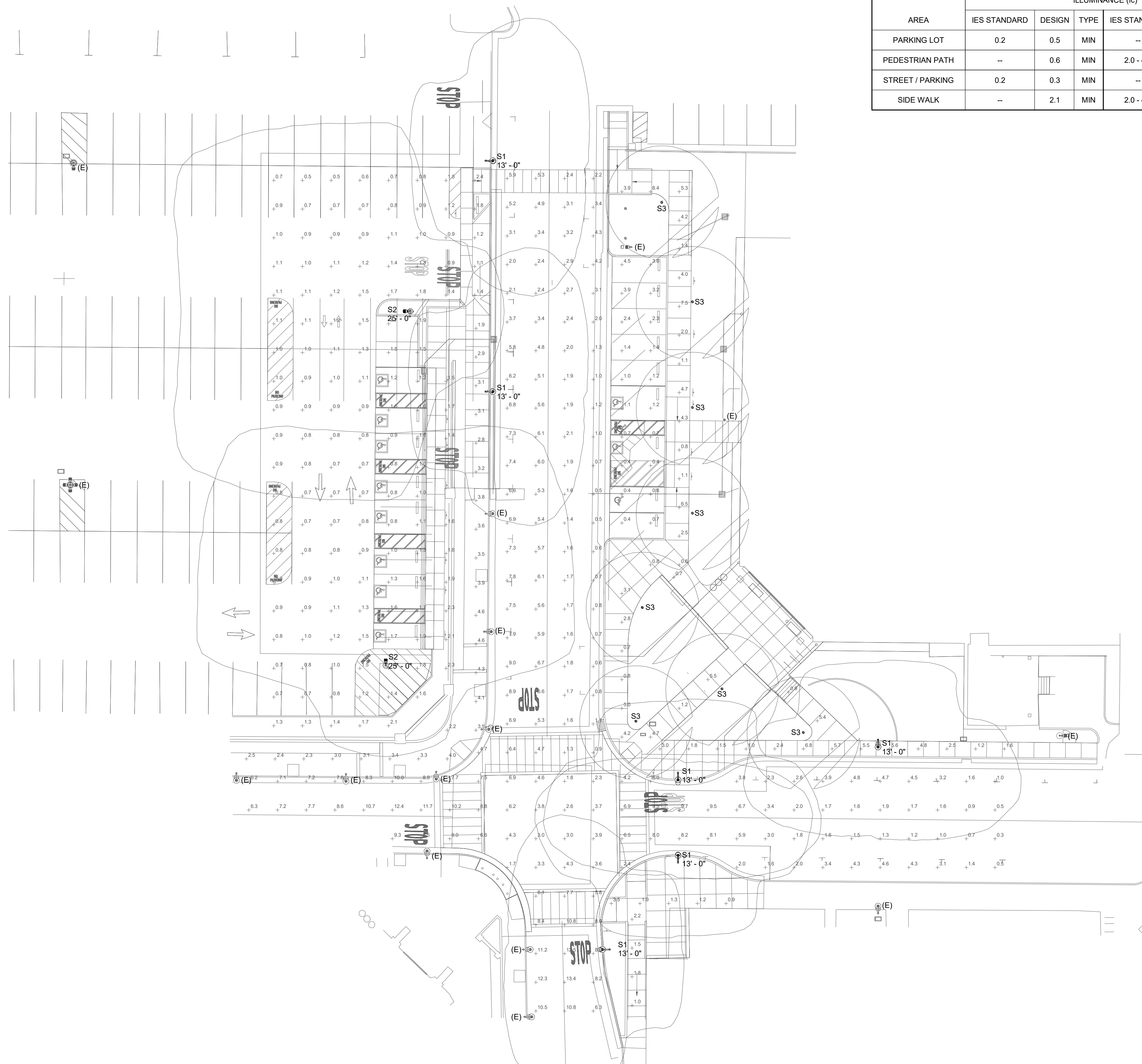
ELECTRICAL PHOTOMETRIC PLAN

DATE	DSGN	TA
02/2026	DR	TA
PROJ. NO.	CHK	NW
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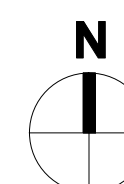
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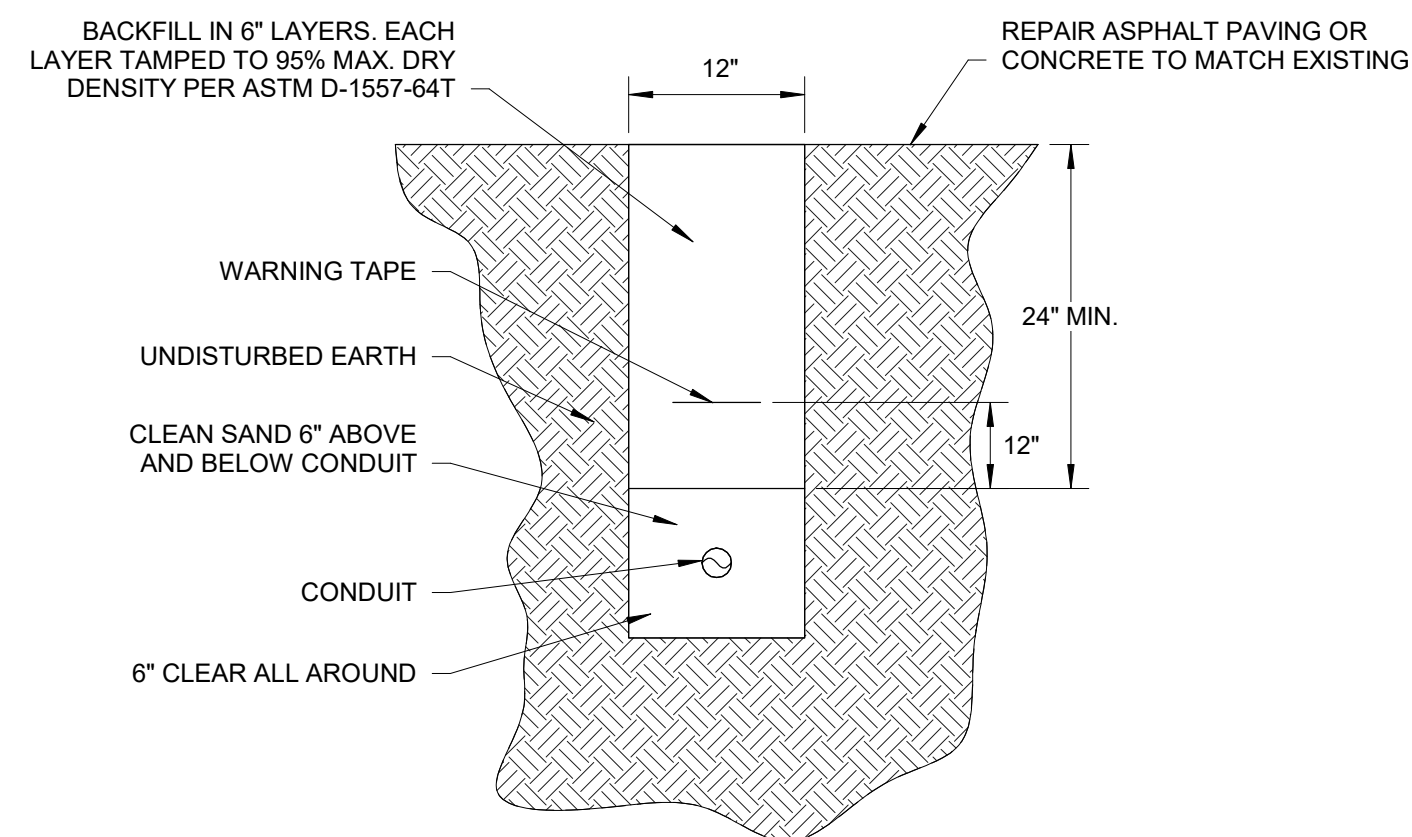
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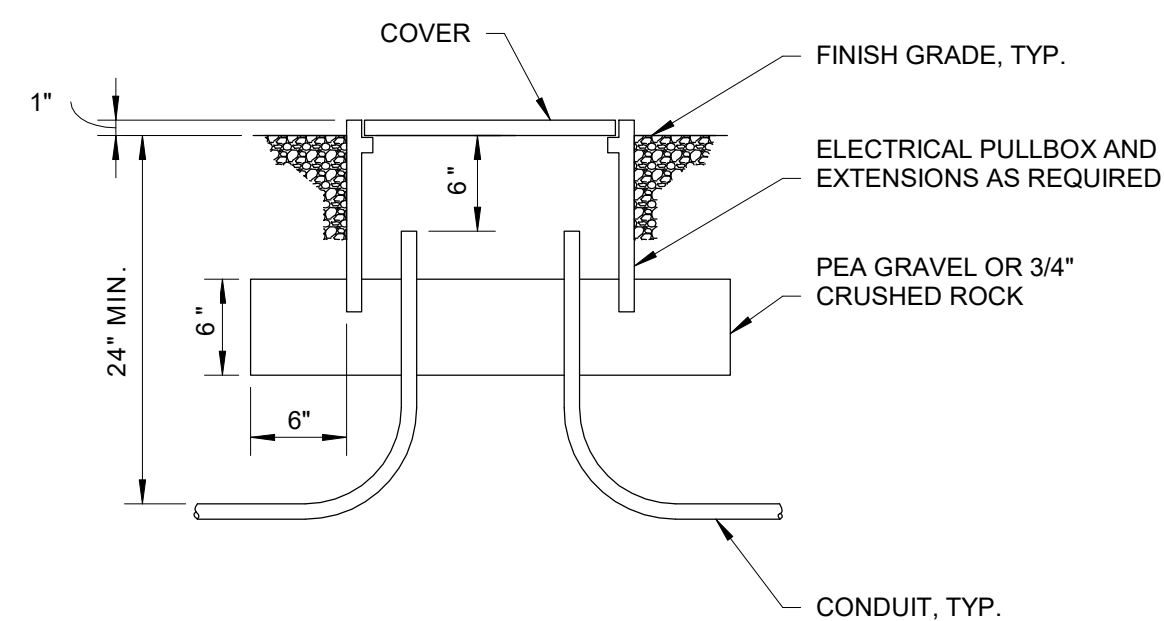


1 ELECTRICAL PHOTOMETRIC PLAN

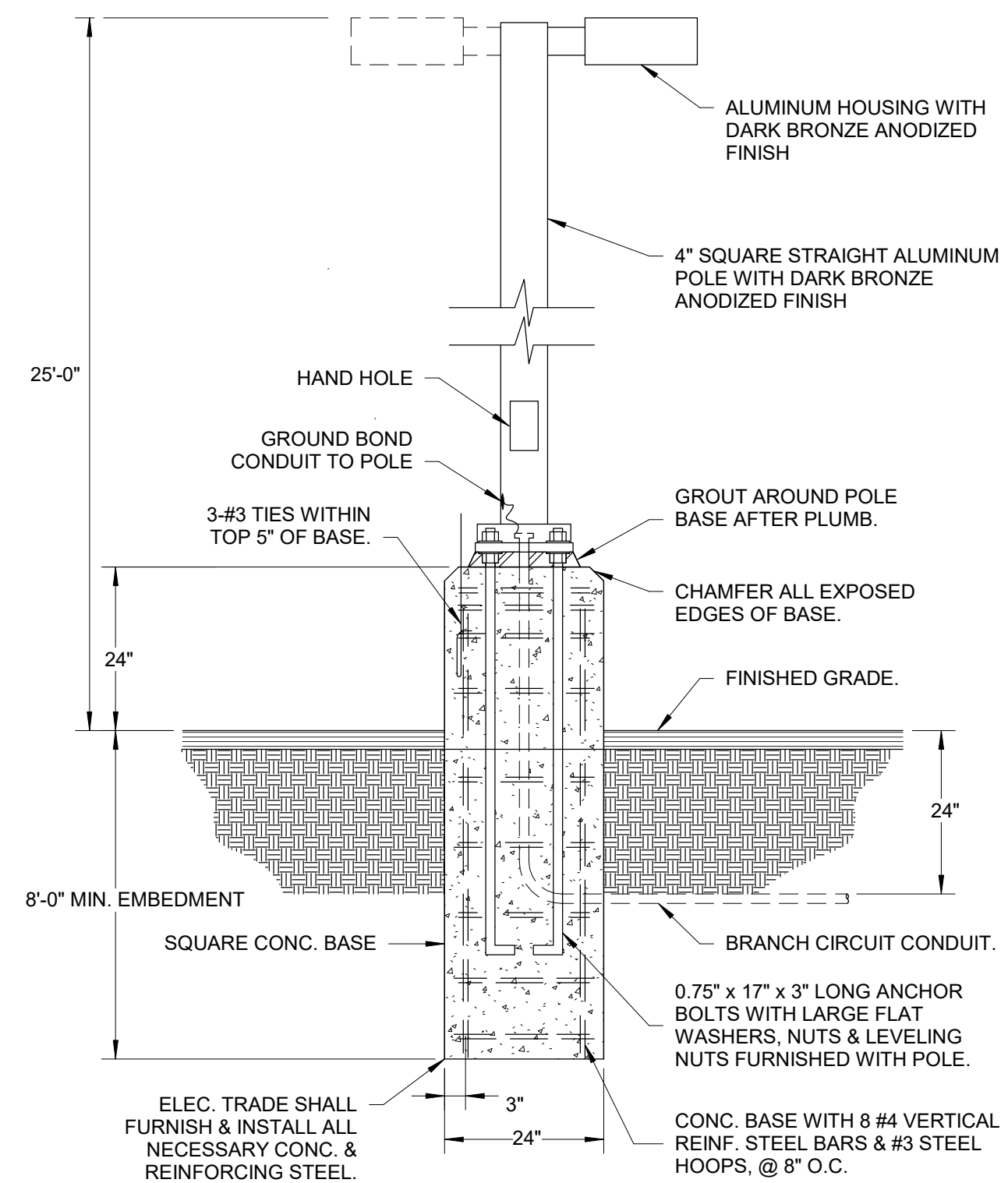




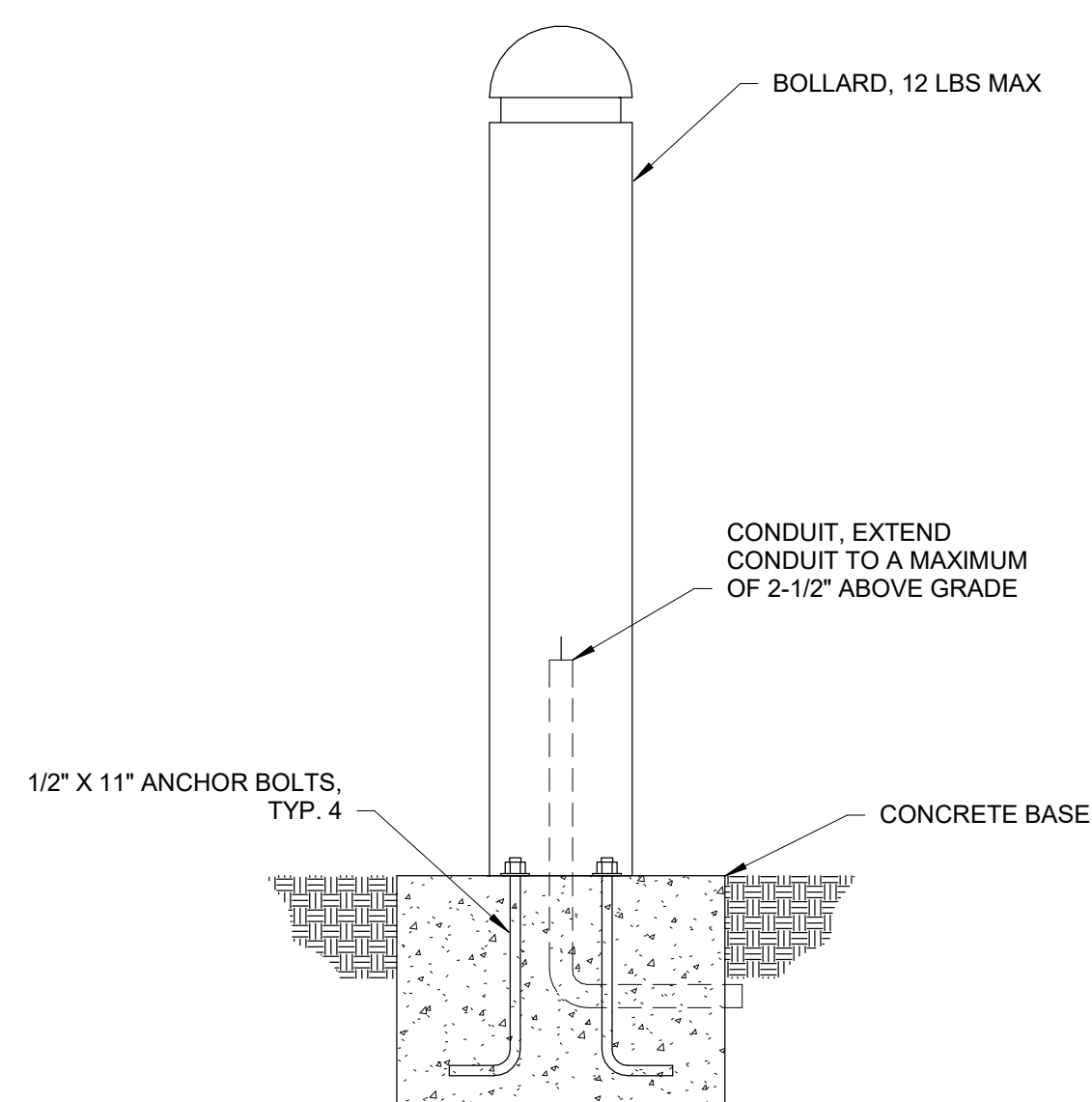
3 TYPICAL UNDERGROUND CONDUIT
E3.0 NOT TO SCALE



2 PULLBOX - SWEEP UP
E3.0 NOT TO SCALE



1 POLE LIGHT DETAIL WITH SQUARE CONC. BASE
E3.0 NOT TO SCALE



NOTE:

1. INSTALL PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

4 CONCRETE BOLLARD DETAIL



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ELECTRICAL DETAILS

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E3.0



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T24 COMPLIANCE

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E4.0

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Outdoor Lighting		NRCC-LTO-4	
CERTIFICATE OF COMPLIANCE		NRCC-LTO-4	
Project Name: G11 Parking Lot	Report Page: (Page 3 of 9)	Date Prepared: 2026-02-23T16:38:26-05:00	

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with §140.7 / §170.2(e) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:									
O1	O2	O3	O4	O5	O6	O7	O8	O9	O10
Name or Item Tag	Complete Luminaire Description	Watts per Luminaire ^{1,2}	How is Wattage Determined	Total Number	Luminaire Status ³	Excluded per §140.7(a) / §170.2(e)(6A)	Design Watts	Cutoff Req. > 6,200 initial lumens output §130.2(b) / §160.5(c)(1) *	Field Inspector
S1	Heritage	☐ Linear	59	Mfr. Spec	6	New	8	---	NA: < 6200 lumens
S2	DSX0	☐ Linear	69	Mfr. Spec	2	New	138	---	NA: < 6200 lumens
S3	RAB BLED24	☐ Linear	24	Mfr. Spec	2	New	48	---	NA: < 6200 lumens
(R)	Relocated Bollard	☐ Linear	24	Mfr. Spec	6	Exist. Reinstalled	144	---	---
Existing Bollard	☐ Linear	24	Mfr. Spec	1	Existing Unchanged	---	24	---	---
(E) GCM	Existing Light	☐ Linear	135	Mfr. Spec	1	Existing Unchanged	8	---	---
(E) Heritage	(E) Heritage	☐ Linear	59	Mfr. Spec	9	Existing Unchanged	8	---	---
Total Design Watts:								354	---

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b)
Footnotes: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) / §160.5(b)
For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column O5 instead of number of luminaires.

Generated Date/Time:		Documentation Software: Energy Code Ace	
CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance	Report Version: 2025.0.000 Schema Version: rev 20250101	Compliance ID: ECA-380625-0226-0003 Report Generated: 2026-02-23 13:38:28	

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Outdoor Lighting		NRCC-LTO-4	
CERTIFICATE OF COMPLIANCE		NRCC-LTO-4	
Project Name: G11 Parking Lot	Report Page: (Page 4 of 9)	Date Prepared: 2026-02-23T16:38:26-05:00	

I. LIGHTING POWER ALLOWANCE (per §140.7 / §170.2(e))

This table includes areas using allowance calculations per §140.7 / §170.2(e). General Hardscape Allowance is per Table 140.7-A / Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B / Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel									
O2	O3	O4	O5	O6	O7	O8	O9		
Area Description	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (W/ft²)	Perimeter Length (ft)	Allowed Density (W/ft²)	Linear Allowance (Watts)	Total General AWA + LWA (Watts)		
Parking	12632	0.021	265.27	723	0.2	144.6	409.87		
Walkway	7943	0.021	166.8	1260	0.2	252	418.8		
Initial Wattage Allowance for Entire Site (Watts):									
Instances of Initial Wattage Allowance (LZ 0 only) ¹									
Total General Hardscape Allowance (Watts):								828.67	

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jared Hendrickson	Documentation Author Signature: [Signature]
Company: Frontier Consulting Engineers, Inc.	Signature Date: 02/23/2026
Address: 2727 Bechelli Ln	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Redding, California 96002	Phone: (530) 232-6160

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation that the building owner at occupancy.

Responsible Person Name: Nathan Warner	Responsible Person Signature: [Signature]
Responsible Person Scope: Company: Frontier Consulting Engineers, Inc.	Date Signed: 02/23/2026
Address: 2727 Bechelli Ln	License: E25042
City/State/Zip: Redding, California 96002	Phone: (530) 232-6160

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C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) §140.7 / §170.2(e) or §141.0(b)(2) / §180.2(b)(4Bv)										Compliance Results	
O1	O2	O3	O4	O5	O6	O7	O8	O9			
General Hardscape Allowance §140.7(d)(1) / §170.2(e)(6) (See Table I)	+ Per Application Allowance §140.7(d)(2) / §170.2(e)(6) (See Table J)	+ Sales Frontage Allowance §140.7(d)(2) (See Table K)	+ Ornamental Allowance §140.7(d)(2) / §170.2(e)(6) (See Table L)	+ Per Specific Area Allowance §140.7(d)(2) / §170.2(e)(6) (See Table M)	OR Existing Power Allowance §141.0(b)(2) / §180.2(b)(4Bv) (See Table N)	=	Total Allowed (Watts)	≥	Total Actual (Watts)	07 must be >= 08	
828.67	+	—	+	507.81	OR	—	=	1,336.48	≥	354	
Shielding Compliance (See Table G for Details)										COMPLIES	
Controls Compliance (See Table H for Details)										COMPLIES	

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with unedited comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (swapped only) do not need to be included in this table even if they are within the spaces covered by the permit application. Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit.

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings				
O1	O2	O3	O4	O5
Area Description	Shut-Off §130.2(c)(1) / §160.5(c)	Auto-Schedule §130.2(c)(2) / §160.5(c)	Motion Sensor §130.2(c)(3) / §160.5(c)	Field Inspector
Parking: "S2"	Other Control	Provided	NA: >=24 ft	Pass Fail
Walkway: "S3"	Other Control	Provided	NA: Each Luminaire <= 40 Watts	Pass Fail
Walkway: "(R)"	Other Control	Provided	NA: Each Luminaire <= 40 Watts	Pass Fail
Walkway: "Existing Bollard"	Other Control	Provided	NA: Each Luminaire <= 40 Watts	Pass Fail
Hardscape Ornamental Lighting: "S1"	Other Control	Provided	NA: Lighting for Public Roadways	Pass Fail
Hardscape Ornamental Lighting: "(E) GCM"	Other Control	Provided	NA: >=24 ft	Pass Fail
Hardscape Ornamental Lighting: "(E) Heritage"	Other Control	Provided	NA: Lighting for Public Roadways	Pass Fail

Footnote: Text has been abbreviated, please refer to Table 160.5-4 to confirm compliance with the specific light source technologies listed.
Footnote: Authority having jurisdiction may ask for cut sheets or other documentation to confirm compliance of light source.
Footnote: Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Parking: "S2"; Walkway: "S3"; Walkway: "(R)"; Walkway: "Existing Bollard"; Hardscape Ornamental Lighting: "S1"; Hardscape Ornamental Lighting: "(E) GCM"; Hardscape Ornamental Lighting: "(E) Heritage"

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A. GENERAL INFORMATION

01	Project Location (city)	Arcata	04	Total Illuminated Hardscape Area (ft²)	39063
02	Climate Zone	1			
03	Outdoor Lighting Zone per Title 24 Part 1 §10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☐	LZ-2: Moderate - Urban Clusters	☐	LZ-4: High - Must be reviewed by CA Energy Commission for Approval
☐	LZ-1: Low - Rural Areas	☒	LZ-3: Moderately High - Urban Areas		
05	Occupancy Types within Project				
● School or Classroom					

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 / §170.2(e) or §141.0(b)(2) / §180.2(b)(4Bv) for alterations.

My Project Consists of:			
01		02	
☐ New Lighting System		Must Comply with Allowances from §140.7 / §170.2(e)(6)	
☒ Altered Lighting System		Is your alteration increasing the connected lighting load (Watts)?	
		☒ Yes	☐ No
03		04	
% of Existing Luminaires Being Altered ¹		Sum Total of Luminaires Being Added or Altered	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%			05 Calculation Method
Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.			
1 FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.			

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F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with §140.7 / §170.2(e) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:									
O1	O2	O3	O4	O5	O6	O7	O8	O9	O10
Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.									
Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b) / §160.5(c).									

G. SHIELDING REQUIREMENTS (BUG)

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.8.

O1	O2	O3	O4	O5	O6	O7	O8	O9	O10	O11	O12
Name or Item Tag	Complete Luminaire Description	Backlight Rating ²		Uplight Rating ³		Glare Rating (lumens) ²		Field Inspector			
S2	DSX0	Mounting Height ¹	Max Allowable Backlight Rating ³	Backlight Rating Per Design	Lighting type	Max Allowable Uplight Rating ³	Uplight Rating Per Design	Mounting Height ¹	Max Allowable Glare Rating ³	Glare Rating Per Design	Pass Fail
		Back hemisphere is 0.5 - 1 MH from prop line	B3	B1	Area Lighting	U0	U0	> 2 MH from property line	G3	G3	☐ ☐

Footnotes: Mounting Height is labeled MH in this table.
Footnote: Authority Having Jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per §130.2(b) / §160.5(c).
BUG ratings with a lower number than the "Max Allowable" are compliant. Ex. If Max Allowable is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.

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L. LIGHTING ALLOWANCE: ORNAMENTAL

This table includes all ornamental luminaires within the scope of the permit application to calculate the allowance per Table 140.7-B / Table 170.2-S.

O1	O2	O3	O4	O5	O6	O
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