

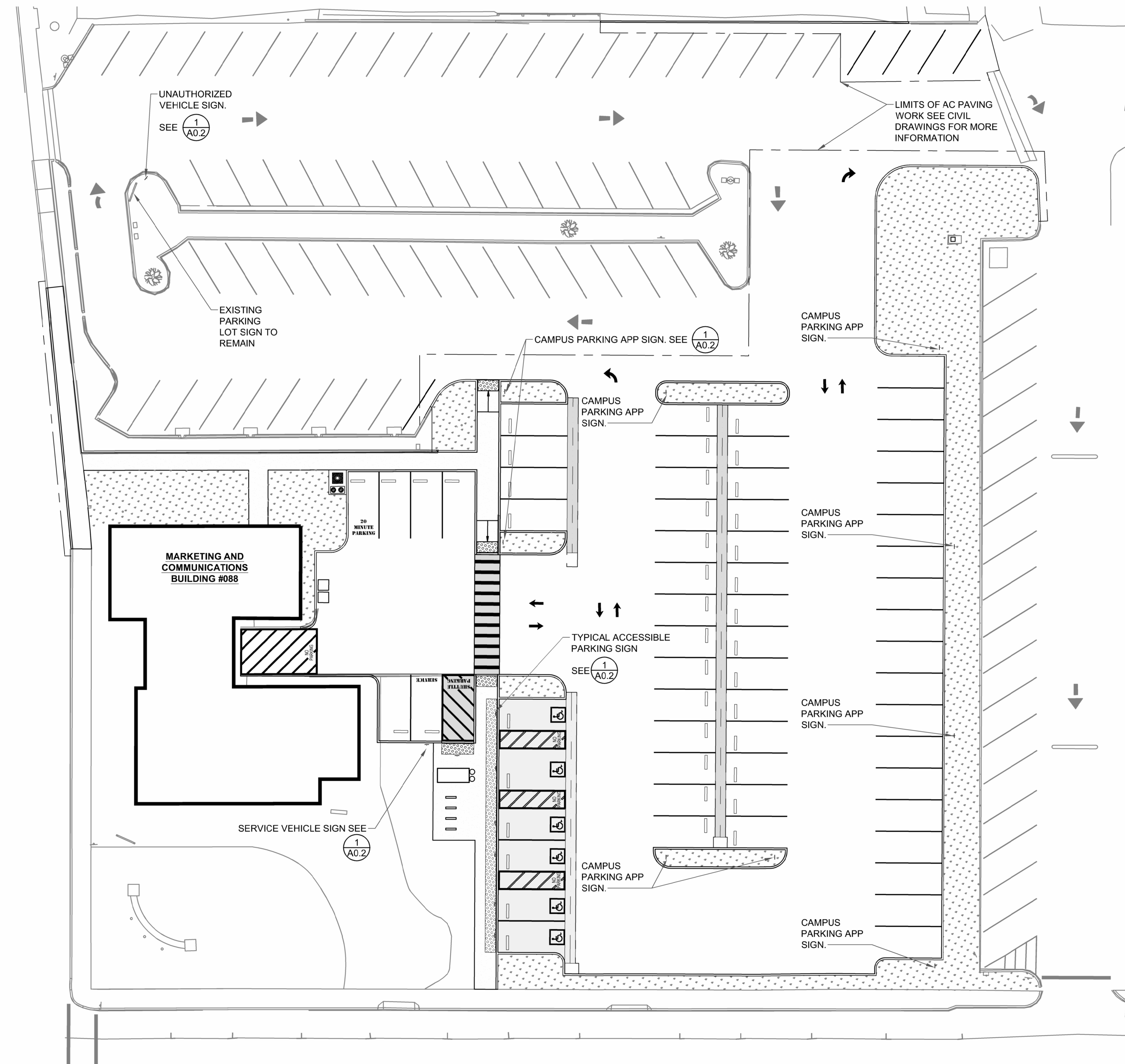
# CAL POLY HUMBOLDT PLY114 G14 PARKING EXPANSION

ARCATA, CALIFORNIA

DSA APPLICATION #01-122898 (ACCESS ONLY SET)

CAL POLY HUMBOLDT PERMIT # 2025/26-011

GOVMOTUS PROJECT # EXEMPT



**1 PARKING LOT SITE PLAN**  
SCALE: 1" = 20'

**PROJECT CONTACTS**

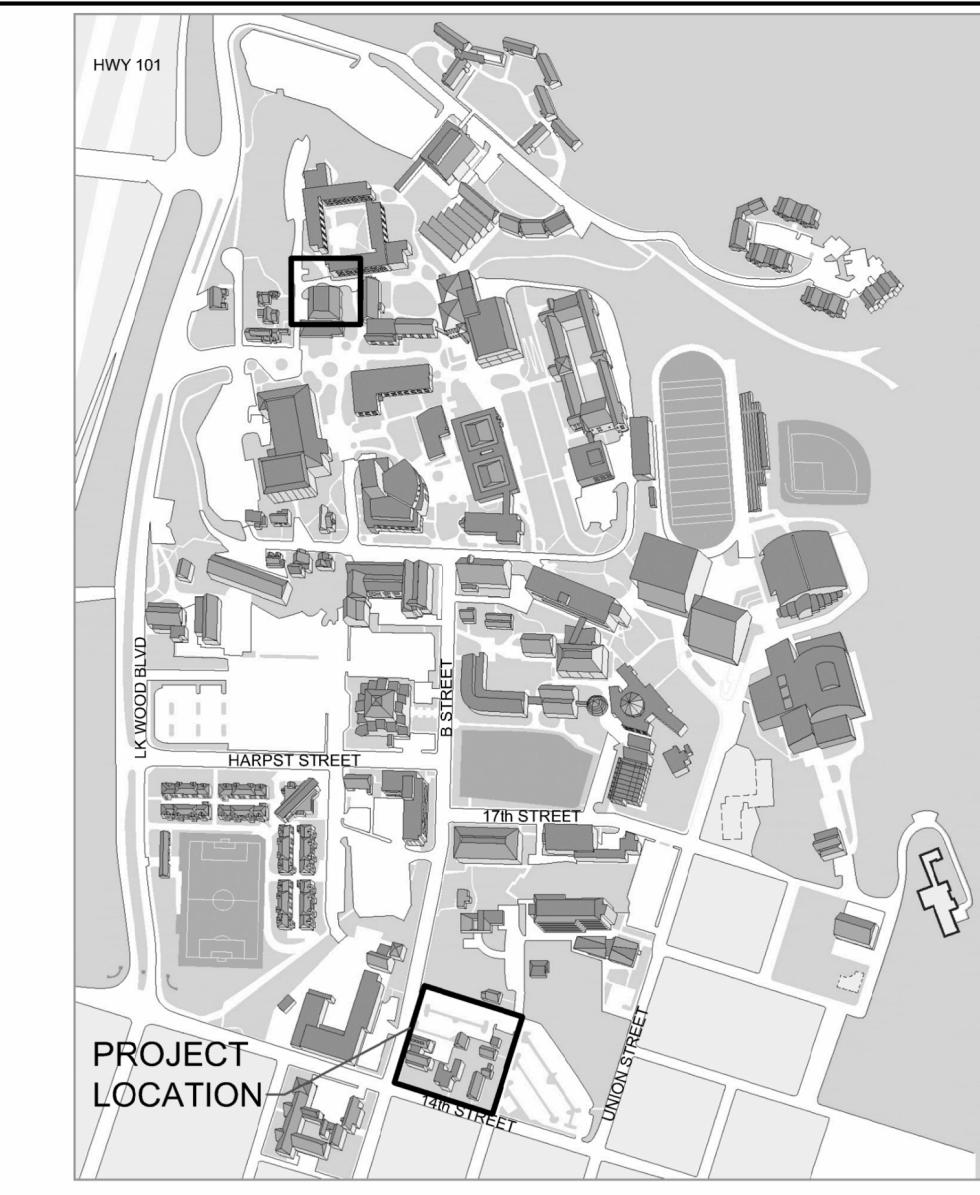
ARCHITECT OF RECORD  
CAL POLY HUMBOLDT  
PLANNING DESIGN & CONSTRUCTION  
HOWARD MAXWELL  
(707) 826-5076  
howard.maxwell@humboldt.edu

CIVIL ENGINEER  
SHN CONSULTING ENGINEERS  
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LANDSCAPE ARCHITECT  
GROUNDWORKS  
BRENNAN COX  
(510) 833-2111  
brennan@groundworksoffice.com

ELECTRICAL ENGINEER  
FRONTIER CONSULTING ENGINEERS  
NATHAN WARNER  
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nathan@frontierce.com

PROJECT MANAGER (OWNER'S REP.)  
CAL POLY HUMBOLDT  
PLANNING DESIGN & CONSTRUCTION  
SCOTT HARRIS  
(707) 826-5904  
Scott.Harris@humboldt.edu



**VICINITY MAP**

**APPLICABLE CODES & STANDARDS FOR PROJECT:**

- TITLE 8, CCR, INDUSTRIAL RELATIONS
- TITLE 17, CCR, PUBLIC HEALTH
- TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2025 CALIFORNIA ADMINISTRATIVE CODE Title 24, Pt 1
- 2025 CALIFORNIA BUILDING CODE (CBC) Title 24, Pt 2
- 2025 CALIFORNIA ELECTRICAL CODE (CEC) Title 24, Pt 3
- 2025 CALIFORNIA MECHANICAL CODE (CMC) Title 24, Pt 4
- 2025 CALIFORNIA PLUMBING CODE (CPC) Title 24, Pt 5
- 2025 CALIFORNIA ENERGY CODE CCR Title 24, Pt 6
- 2025 CALIFORNIA FIRE CODE (CFC) CCR Title 24, Pt 9
- 2025 CALIFORNIA GREEN BUILDING STANDARDS Title 24, Pt 11
- 2025 CALIFORNIA REFERENCED STANDARDS Title 24, Pt 12

**SCOPE OF WORK**

INFILL OF AN EXISTING CAMPUS PARKING LOT INCLUDES BUT NOT LIMITED TO CLEARING AND GRUBBING, EXCAVATION, SITE DRAINAGE, GRADING, PAVING, CONCRETE WORK, ELECTRICAL, AND SITE LIGHTING.

**DEFERRED SUBMITTAL**

STORMWATER POLLUTION PREVENTION PLAN

**PARKING ANALYSIS**

(SEE CIVIL DRAWING G3.0 FOR MORE INFORMATION)

TOTAL NUMBER OF STALLS: 129  
STANDARD STALLS: 124  
TOTAL NUMBER OF ACCESSIBLE STALLS: 5  
STANDARD ACCESSIBLE STALLS: 4  
VAN ACCESSIBLE STALLS: 1

**DRAWING INDEX**

**ARCHITECTURAL DRAWINGS**

A0.0 COVERSHEET & PROJECT DATA (THIS SHEET)  
A0.1 OVERALL CAMPUS SITE PLAN  
A0.2 SIGNAGE PLAN & DETAILS

**CIVIL DRAWINGS**

G1.0 COVER  
G2.0 PROJECT OVERVIEW AND SITE ACCESS PLAN  
G3.0 SITE FIRE ACCESS  
  
C0.0 SITE CIVIL GENERAL NOTES, ABBREVIATIONS & LEGENDS  
C1.0 EROSION AND SEDIMENT CONTROL PLAN  
C1.1 EROSION AND SEDIMENT CONTROL DETAILS  
C2.0 DEMOLITION PLAN  
C3.0 SITE PLAN  
C3.1 ENLARGED SITE PLAN - ACCESSIBLE PARKING STALLS  
C4.0 GRADING PLAN INDEX  
C4.1 ENLARGED GRADING PLAN  
C4.2 ENLARGED GRADING PLAN  
C5.0 STORM DRAIN PLAN  
C6.0 UTILITY PLAN  
C7.0 DETAILS  
C7.1 DETAILS  
C7.2 DETAILS  
C7.3 DETAILS  
C7.4 DETAILS  
C7.5 DETAILS  
C7.6 DETAILS

**LANDSCAPE DRAWINGS**

L1.0 PLANTING PLAN  
L2.0 PLANTING DETAILS  
L3.0 IRRIGATION PLAN  
L3.1 IRRIGATION DETAILS  
L3.2 IRRIGATION DETAILS  
L3.3 IRRIGATION DETAILS

**ELECTRICAL DRAWINGS**

E1.0 ELECTRICAL LEGEND AND SCHEDULES  
E2.0 ELECTRICAL SITE PLAN  
E2.1 ELECTRICAL PHOTOMETRIC PLAN  
E3.0 ELECTRICAL DETAILS  
E4.0 T24 COMPLIANCE

TOTAL SHEET COUNT = 35



PLANNING, DESIGN & CONSTRUCTION

1 HARPST STREET  
ARCATA, CA 95521  
707 826-3646



CAL POLY HUMBOLDT  
PLY114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CA

STATUS

CONSTRUCTION DOCUMENTS

PROJECT #: PLY114  
DRAWN BY: HFM

ISSUE DATE: FEB. 25, 2026

BACKCHECK: \_\_\_\_\_

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SHEET TITLE

COVERSHEET & PROJECT DATA

SHEET

A0.0



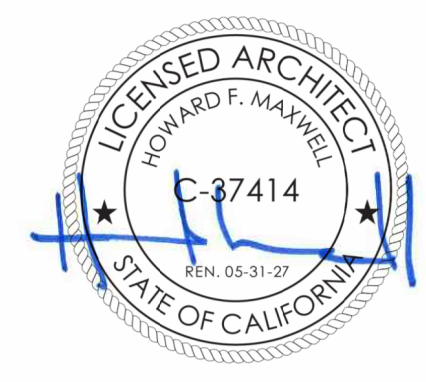
**LEGEND**

- BUILDINGS WITH PREVIOUS DSA APPLICATION #
- BUILDINGS WITH NO DSA APPLICATION #
- AREA OF WORK



**PLANNING, DESIGN & CONSTRUCTION**

1 HARPST STREET  
ARCATA, CA 95521  
707 826-3646



**CAL POLY HUMBOLDT**  
**PLY114 G14 PARKING EXPANSION**  
**14TH & B STREET, ARCATA, CA**

STATUS  
**CONSTRUCTION DOCUMENTS**

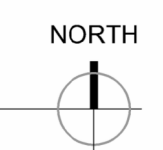
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DRAWN BY: HFM

ISSUE DATE: FEB. 25, 2026  
BACKCHECK: \_\_\_\_\_

SHEET TITLE  
**OVERALL CAMPUS SITE PLAN**

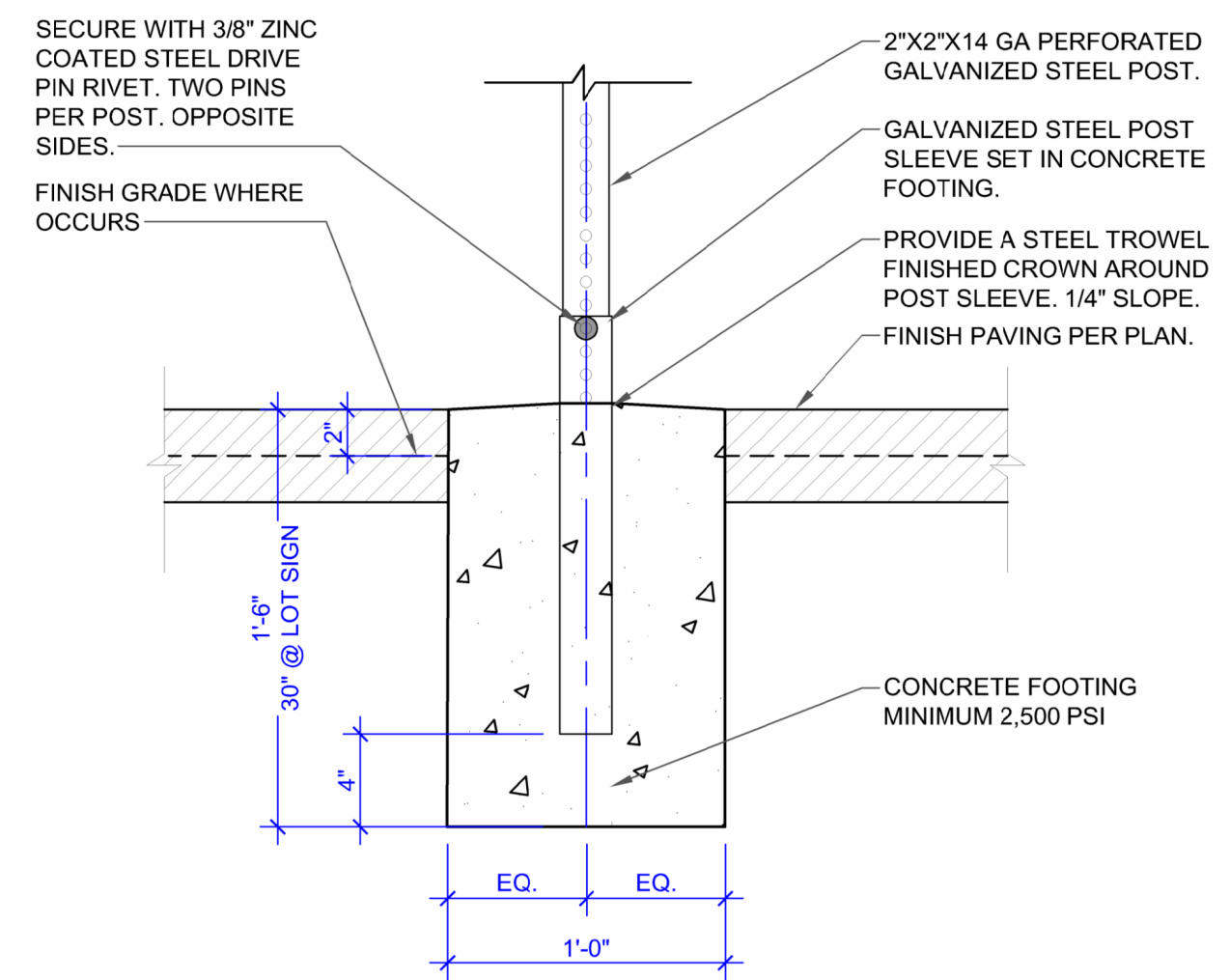
SHEET  
**A0.1**

**1 OVERALL CAMPUS SITE PLAN**  
SCALE: NTS

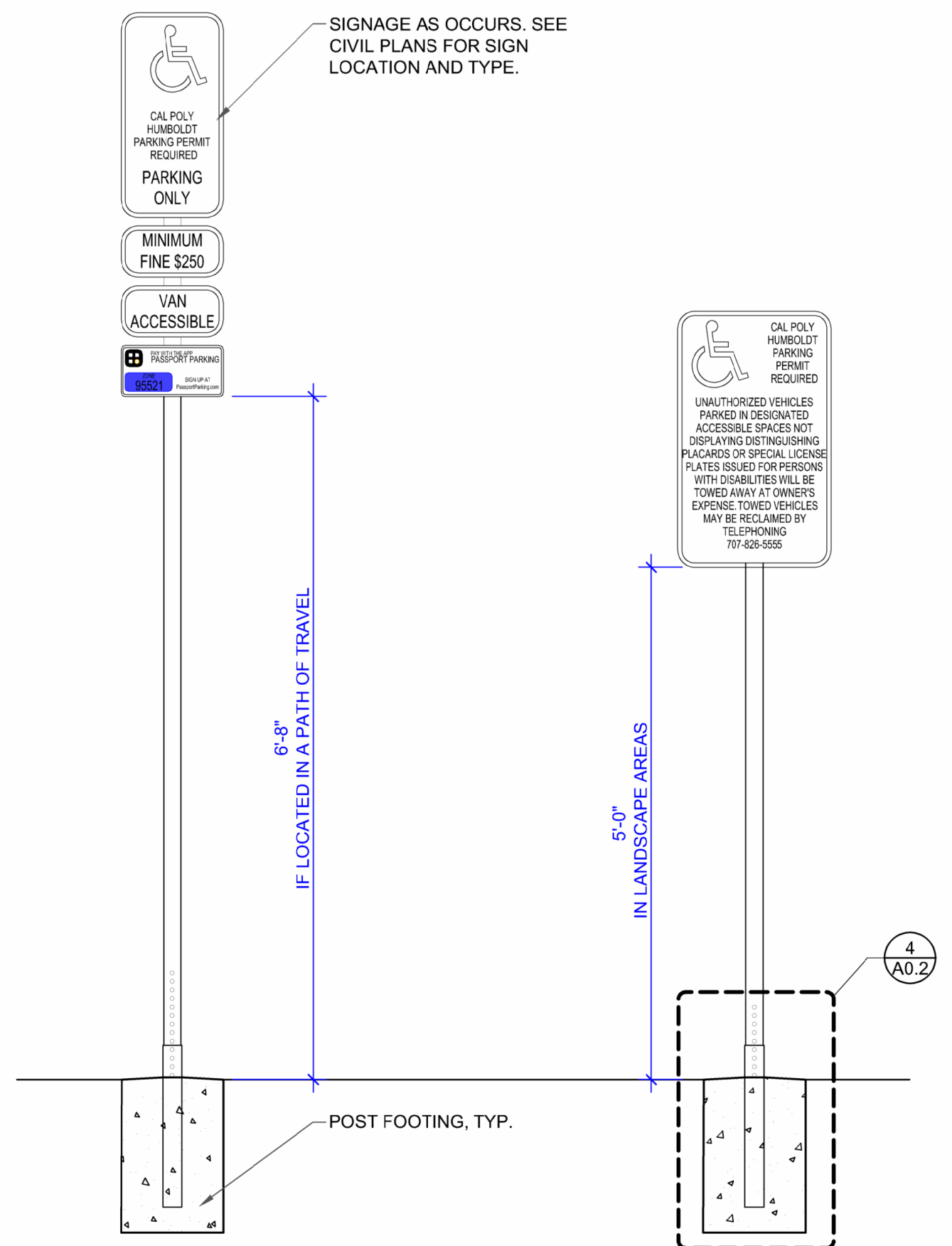


**GENERAL SIGNAGE NOTES**

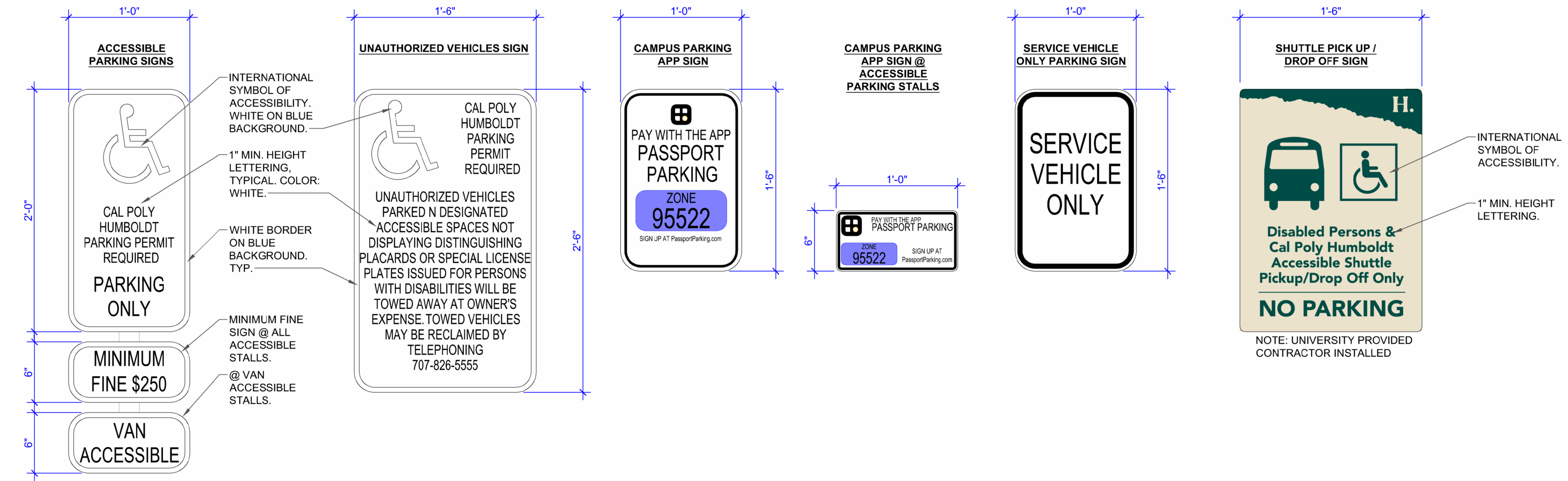
1. SEE A0.0 & CIVIL DRAWINGS FOR SIGNAGE LOCATIONS
2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR UNIVERSITY REVIEW AND APPROVAL PRIOR TO PROCURING SIGNS.
3. ALL SIGNS TO BE REFLECTORIZED SIGNS CONSTRUCTED OF PORCELAIN STEEL WITH BEADED TEXT, OR EQUAL.
4. SECURE TYPICAL PARKING SIGNS TO POST WITH SECURE WITH 3/8" ZINC COATED STEEL DRIVE PIN RIVET OR ALL BRACKETS AND HARDWARE USED SHALL BE GALVANIZED OR APPROVED EQUAL.



**4 SIGN POST FOOTING DETAIL**  
SCALE: 1-1/2" = 1' - 00"



**3 TYPICAL PARKING SIGN MOUNTING DETAIL**  
SCALE: 3/4" = 1' - 0"



**1 TYPICAL PARKING SIGNS**  
1-1/2" = 1' - 0"

**Cal Poly Humboldt.**  
PLANNING, DESIGN & CONSTRUCTION  
1 HARPST STREET  
ARCATA, CA 95521  
707 826-3646



CAL POLY HUMBOLDT  
PLY114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CA

STATUS  
CONSTRUCTION DOCUMENTS

PROJECT #: PLY114  
DRAWN BY: HFM

ISSUE DATE: FEB. 25, 2026  
BACKCHECK:

SHEET TITLE  
SIGNAGE PLAN & DETAILS

SHEET  
A0.2



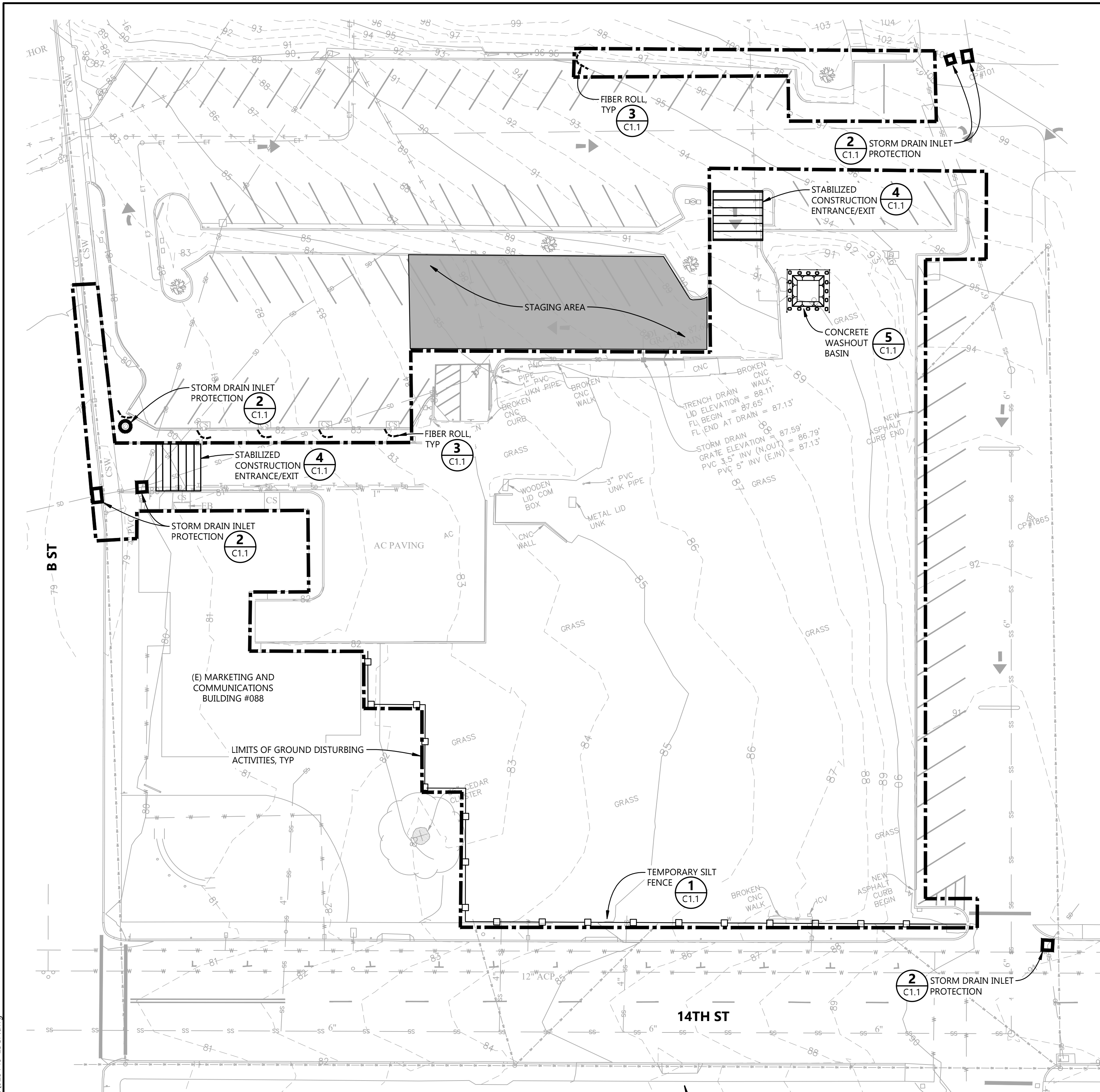




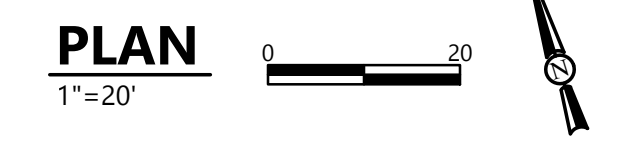


**EROSION AND SEDIMENT CONTROL PLAN NOTES:**

- ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE RECOMMENDATIONS OF THIS EROSION AND SEDIMENT CONTROL PLAN (ESCP).
- CONSTRUCTION OF EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES (BMPs) SHALL CONFORM TO:
  - CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) BEST MANAGEMENT PRACTICE (BMP) FACT SHEETS.
  - PROJECT SPECIFICATIONS
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL SCHEDULE, AND CONDUCT AN IN-FIELD PRE-CONSTRUCTION MEETING WITH THE OWNER AND THE ENGINEER TO DISCUSS THE INTENT AND THE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL PLAN (ESCP).
- CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO DO SO. ALL CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
- THIS PLAN IS THE MINIMUM LEVEL OF PROTECTION REQUIRED. CONTRACTOR SHALL USE ADDITIONAL BMPs WHERE APPLICABLE AND AS NECESSARY TO PREVENT THE DISCHARGE OF POLLUTANTS IN STORMWATER RUNOFF.
- IN THE EVENT THAT ANY ASPECT OF THIS PLAN FAILS, THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATELY CONTACTING THE ENGINEER TO MAKE A RECOMMENDATION FOR MODIFICATION. UPON ENGINEERS APPROVAL, THE RECOMMENDATION SHALL BE IMPLEMENTED IMMEDIATELY BY THE CONTRACTOR.
- ALL SIGNIFICANT GRADING & EARTHWORK SHALL BE COMPLETED DURING THE NORTHCOAST DRY SEASON, BETWEEN APRIL 15TH AND OCTOBER 15TH, UNLESS WEATHER PERMITS OTHERWISE. ADDITIONAL SCHEDULE LIMITS OR REQUIREMENTS MAY APPLY. REFER TO THE CONTRACT DOCUMENTS FOR MORE INFORMATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER AND THE OWNER. EROSION AND SEDIMENT CONTROL MEASURES AND THEIR INSTALLATION SHALL BE ACCOMPLISHED USING BMPs AND SHALL AT A MINIMUM COMPLY WITH REQUIREMENTS OF THIS ESCP.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DISCHARGE VIOLATIONS AND SHALL TAKE CORRECTIVE MEASURES TO BECOME COMPLIANT WITH THE PROJECT ESCP.
- ALL DISTURBED SOILS SHALL BE PROTECTED USING BEST MANAGEMENT PRACTICES.
- UNSTABILIZED, STORM DAMAGED AREAS WILL BE REPAIRED AS SOON AS POSSIBLE AND WITHIN 48 HOURS AFTER BEING DAMAGED.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WHEN THEY ARE NO LONGER FUNCTIONING PER BEST MANAGEMENT PRACTICES GUIDANCE STANDARDS.
- REFER TO THE PROJECT CONTRACT DOCUMENTS FOR THE CONTRACTOR'S RESPONSIBILITIES TO PAY ANY FINES ISSUED TO THE OWNER FOR PERMIT VIOLATIONS.
- PERMANENT STORMWATER TREATMENT FEATURES, INCLUDING (BUT NOT LIMITED TO) BIORETENTION BASINS AND PROPRIETARY TREATMENT CHAMBERS (FILTERRA, ETC.), SHALL NOT BE USED FOR RECEIVING OR TREATING STORMWATER RUNOFF DURING CONSTRUCTION. IF THESE FEATURES ARE USED FOR RECEIVING OR TREATING STORMWATER RUNOFF DURING CONSTRUCTION, THE SOIL MEDIA AND DRAIN ROCK SHALL BE FULLY REPLACED AND THE PERFORATED SUBDRAIN LINES SHALL BE CLEANED PRIOR TO COMPLETION OF CONSTRUCTION.
- DURING A RAIN EVENT, CONSTRUCTION WASTES SHALL BE MAINTAINED ON SITE UTILIZING BMPs IN ORDER TO ALLOW DRAINAGE INLETS TO OPERATE AT FULL CAPACITY AND PREVENT POLLUTION.
- EFFECTIVE SOIL COVER SHALL BE PROVIDED ON ALL FINISHED SLOPES, OPEN SPACE, UTILITY BACKFILL AND COMPLETED LOTS THAT ARE NOT SCHEDULED TO BE RE-DISTURBED FOR MINIMALLY 14 DAYS.
- MINIMIZE SOIL COMPACTION FOR AREAS THAT WILL REMAIN PVIOUS OR USED FOR LID MEASURES.
- IF USED, WASTE MATERIAL DUMPSTER SHALL BE COVERED NIGHTLY AND PROTECTED FROM RAIN.
- IMPLEMENTATION OF THE ESCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE RECOMMENDED BMPs ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED, THE WORK IS ACCEPTED BY THE OWNER, AND UNTIL PERMANENT REVEGETATION AND LANDSCAPING IS IN-PLACE AND ESTABLISHED.
- THE BMPs SHOWN ON THESE PLANS ARE THE MINIMUM ACCEPTABLE, AND MUST BE INSTALLED BEFORE ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITIES BEGIN. NEITHER SEDIMENT NOR SEDIMENT LADEN WATER SHALL BE ALLOWED TO ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER QUALITY OR AIR QUALITY STANDARDS.
- THE CONTRACTOR SHALL INSPECT ALL BMPs AT ACTIVE SITES ON A DAILY BASIS AND PERFORM MAINTENANCE AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. AT LEAST ONCE A MONTH, IMMEDIATELY PRIOR TO A FORECAST STORM EVENT, AND WITHIN 24 HOURS FOLLOWING A STORM EVENT THE CONTRACTOR SHALL INSPECT BMPs AT INACTIVE SITES AND MAKE REPAIRS AS NECESSARY.
- DRAINAGE INLET PROTECTION AND SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES AND ARE TO REMAIN IN PLACE UNTIL SURFACE RESTORATION IS COMPLETE, SOIL STOCKPILES ARE REMOVED, AND VEGETATION IS RE-ESTABLISHED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING WATER THAT HAS BECOME POLLUTED DUE TO NOT TAKING NECESSARY EROSION AND SEDIMENT CONTROL ACTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS AND ROADS AS A RESULT OF CONSTRUCTION ACTIVITY ON THE SITE TO THE SATISFACTION OF THE INSPECTOR. STREET SWEEPING AND CLEANING MUST BE PERFORMED BY VACUUM SWEEPER. STREET WASHING IS NOT ALLOWED. CONTRACTOR SHALL PERFORM STREET SWEEPING, AS REQUIRED OR DIRECTED BY THE INSPECTOR DURING CONSTRUCTION, AND AFTER CONSTRUCTION IS COMPLETE IN THAT AREA. SEDIMENT SPILLED, DROPPED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY USING BEST MANAGEMENT PRACTICES.
- AFTER CONSTRUCTION IS COMPLETE, THE STORM DRAIN SYSTEMS- INCLUDING INLETS, MANHOLES, PIPES, CURB GUTTERS AND OUTLETS- ASSOCIATED WITH THIS PROJECT SHALL BE INSPECTED AND CLEARED OF ACCUMULATED SEDIMENT AND DEBRIS.
- THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN DEWATERING FACILITIES TO ALLOW FOR THE EXCAVATION AND SUBSEQUENT PLACEMENT AND COMPACTION OF BACKFILL MATERIAL WITHIN THE TRENCH EXCAVATION.
- HANDLING AND DISPOSAL OF WATER RESULTING FROM DEWATERING ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER AND THE RWQCB.
- SOIL STOCKPILES SHALL BE COVERED, STABILIZED, OR PROTECTED WITH SOIL STABILIZATION MEASURES AND SURROUNDED BY PERIMETER SEDIMENT BARRIERS AT ALL TIMES.
- STOCKPILED SOILS SHALL NOT BE MOUNDED HIGHER THAN EIGHT FEET ABOVE EXISTING GROUND.
- CONTAMINATED SOIL SHALL BE MANAGED IN ACCORDANCE WITH THE RWQCB REQUIREMENTS AND AS DIRECTED BY THE ENGINEER.
- EQUIPMENT SHALL NOT LEAK FLUIDS, LUBRICANTS, OR FUELS. THE OWNER OR ENGINEER MAY INSPECT THE CONTRACTOR'S EQUIPMENT AND MAY REJECT EQUIPMENT THAT DEMONSTRATES EVIDENCE OF LEAKAGE.
- THE EXTERIORS AND SURFACES OF MECHANICAL COMPONENTS OF VEHICLES AND EQUIPMENT THAT MAY ENCOACH ON A WATER BODY SHALL BE MAINTAINED FREE OF GREASE, OIL, FUEL AND OTHER RESIDUES.
- STATIONARY EQUIPMENT, SUCH AS MOTOR DRIVEN PUMPS AND GENERATORS, SHALL BE PLACED WITHIN ISOLATION BERMS, OVER DRIP PANS, AND SHALL BE PROVIDED WITH SPILL CONTAINMENT FACILITIES.
- IF EARTHWORK ACTIVITIES CAUSE STORMWATER RUNOFF TO LEAVE THE SITE AT AREAS NOT ALREADY PROTECTED WITH PERIMETER CONTROL, WATTLES AND/OR SILT FENCE SHALL BE INSTALLED TO INTERCEPT AND TREAT THE RUNOFF OR REDIRECT IT TO A PROTECTED LOCATION.
- ALL EQUIPMENT AND VEHICLE TRAFFIC TO AND FROM THE SITE MUST USE THE DESIGNATED CONSTRUCTION ENTRANCE/EXIT.



LEGEND			
HATCH	DESCRIPTION	DETAIL	SHEET
	CONSTRUCTION ENTRANCE/EXIT	4	C1.1
	TEMPORARY SILT FENCE	1	C1.1
	FIBER ROLL	3	C1.1
	STORM DRAIN INLET PROTECTION	2	C1.1
	LIMITS OF GROUND DISTURBING ACTIVITIES		
	STAGING AREA		



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0 1"  
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NO.	DATE	REVISION

CAL POLY HUMBOLDT  
PLY 114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

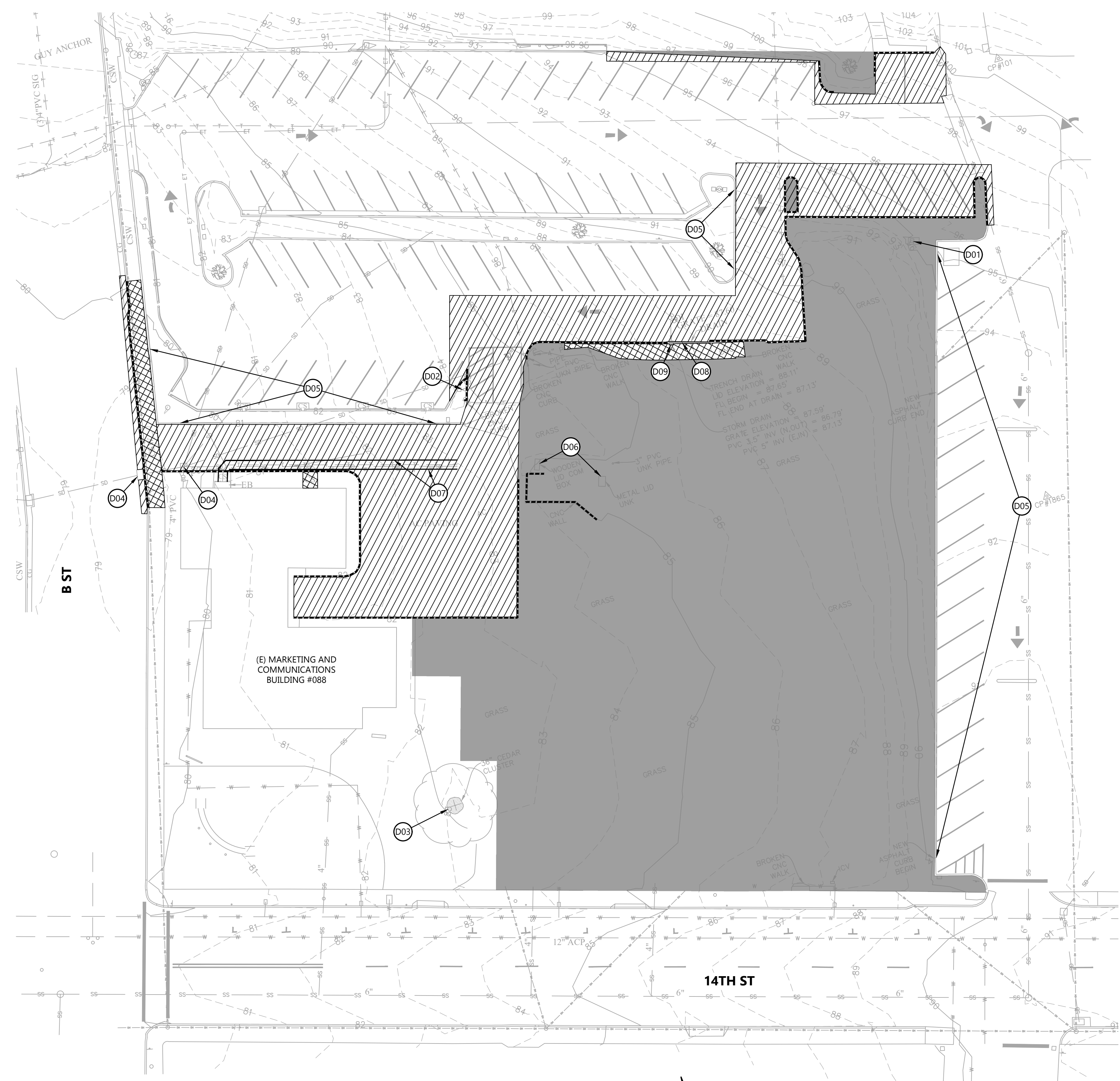
**EROSION AND SEDIMENT CONTROL PLAN**



DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
		CHK	JSO
SHEET			

**C1.0**





KEYNOTES	
NO.	DESCRIPTION
D01	IRRIGATION CONTROLLER TO REMAIN, PROTECT IN PLACE
D02	LIGHT STANDARD TO REMAIN, PROTECT IN PLACE
D03	TREE TO REMAIN, PROTECT IN PLACE
D04	DRAINAGE INLET TO REMAIN, PROTECT IN PLACE
D05	CURB TO REMAIN, PROTECT IN PLACE
D06	COMMUNICATION BOX TO REMAIN, PROTECT IN PLACE
D07	ELEC & TELECOM TO REMAIN, SEE NOTE 5
D08	DEMO/REMOVE TRENCH DRAIN
D09	DEMO/REMOVE DRAINAGE INLET, SEE NOTE 7

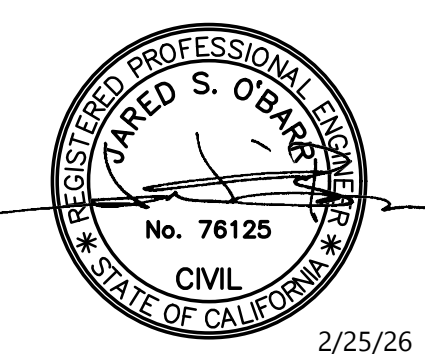
LEGEND	
SYMBOL	DESCRIPTION
	DEMO/REMOVE CONC CURB/WALL
	DEMO/REMOVE AC
	DEMO/REMOVE CONC
	CLEAR AND GRUB

- NOTES:**
- REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR REQUIRED EROSION AND SEDIMENT CONTROL MEASURES.
  - POTHOLE PRIOR TO CONSTRUCTION TO LOCATE EXISTING UTILITIES. PROTECT EXISTING UTILITIES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
  - CLEAR, GRUB AND REMOVE ALL TREES, VEGETATION, TOPSOIL, AND ORGANIC MATERIAL WITHIN PROJECT SITE.
  - LIMITS OF SIDEWALK AND CURB DEMOLITION SHALL EXTEND TO NEAREST CONTROL JOINT. LIMITS OF AC REMOVAL SHALL BE SAWCUT.
  - EXISTING ACTIVE ELECTRICAL AND FIBER LINE REMAIN. LOCATION AND ALIGNMENT UNKNOWN. CONTRACTOR TO CONFIRM PRIOR TO DEMOLITION EFFORTS. COORDINATE WITH CPH PRIOR TO ANY ACTIVITIES THAT MAY IMPACT SERVICE TO THE MARKETING AND COMMUNICATIONS BUILDING OR OTHER FACILITIES.
  - ANY DAMAGE TO EXISTING ELEMENTS NOT LISTED FOR DEMOLITION SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH CPH REQUIREMENTS AT CONTRACTOR'S SOLE EXPENSE.
  - CONTRACTOR SHALL VERIFY EXISTING STORM DRAIN ROUTING TO DETERMINE WHETHER THE SYSTEM IS ACTIVE PRIOR TO CONSTRUCTION. IF THE STORM DRAIN SYSTEM IS ACTIVE, ADJUST AND RAISE THE EXISTING STRUCTURE TO PROPOSED FINISH GRADE. IF THE SYSTEM IS INACTIVE, DEMOLISH AND REMOVE THE EXISTING STRUCTURE AND PROPERLY ABANDON THE ASSOCIATED PIPING BY PLUGGING IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND APPLICABLE STANDARDS.



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2/25/26

NO.	DATE	REVISION

CAL POLY HUMBOLDT  
PLY114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

**DEMOLITION PLAN**



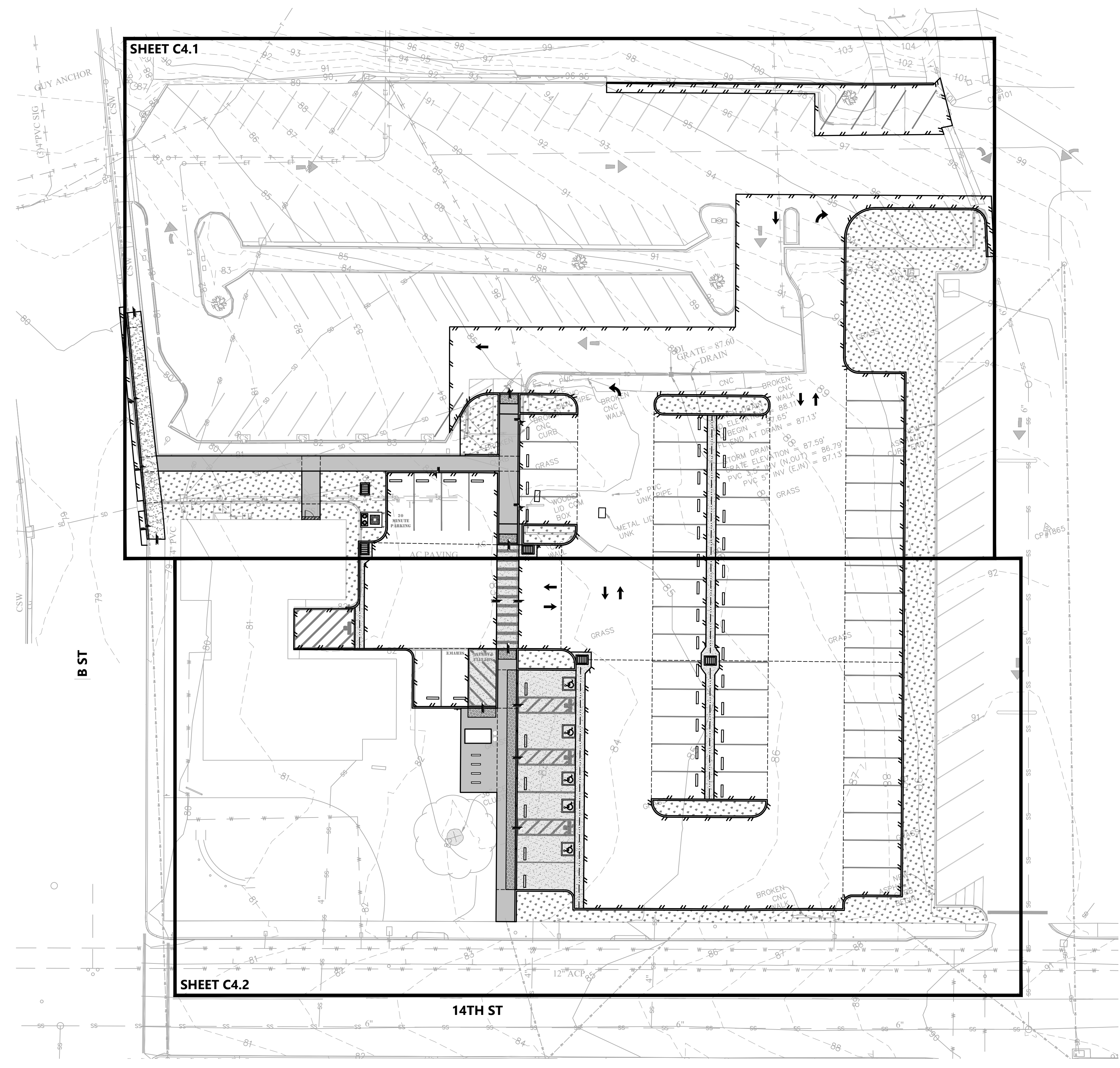
DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
SHEET		CHK	JSO

**C2.0**

**PLAN**  
1"=20'



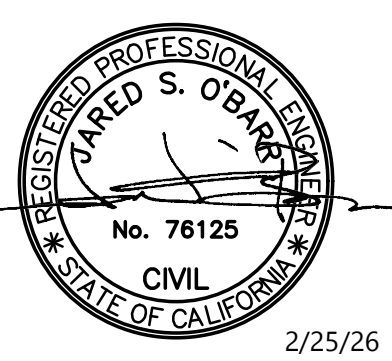




**PLAN**  
1"=20'



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CAL POLY HUMBOLDT  
PLY 114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

**GRADING PLAN INDEX**



DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
		CHK	JSO

SHEET **C4.0**



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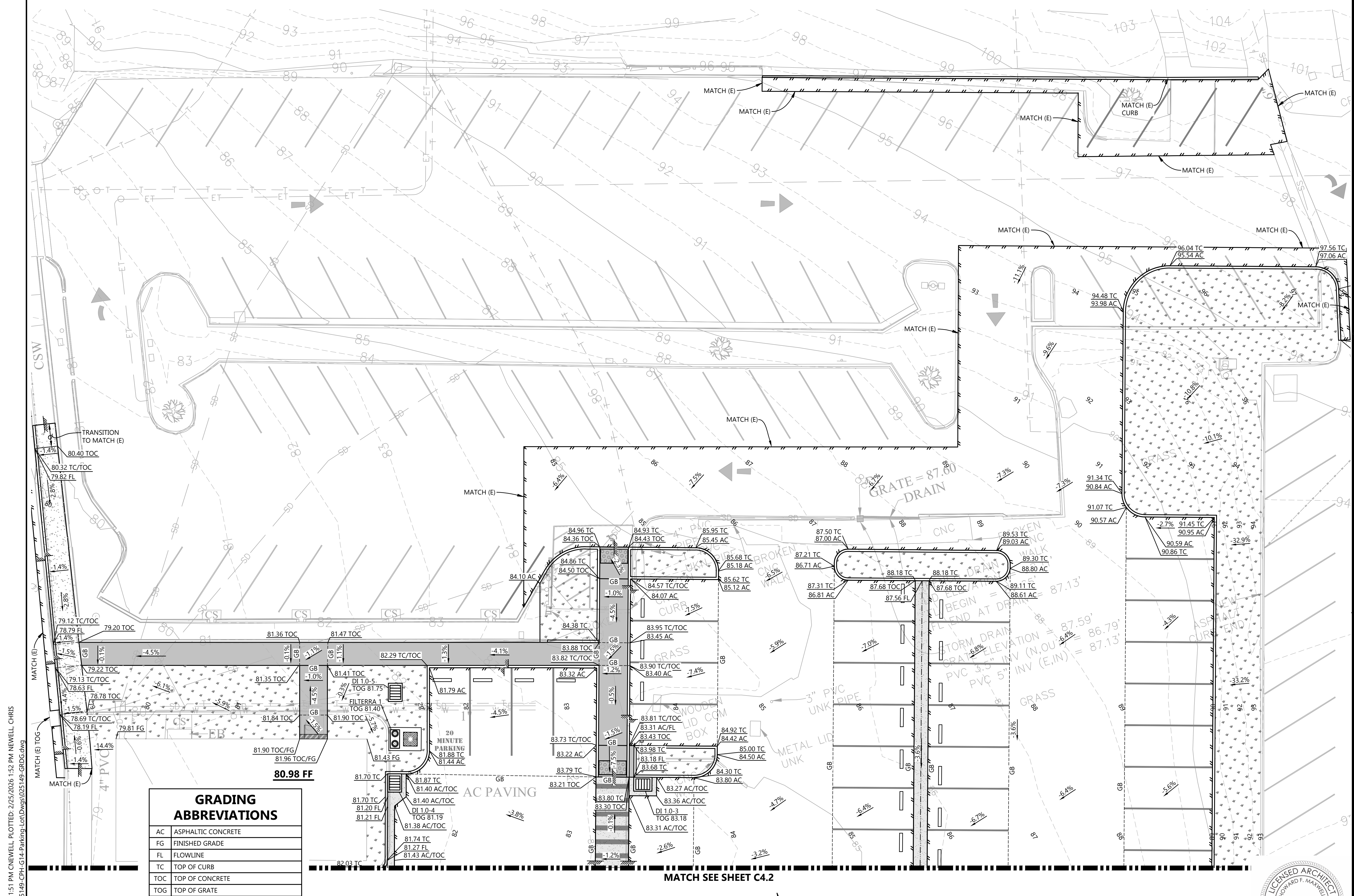
CAL POLY HUMBOLDT  
PLY114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

### ENLARGED GRADING PLAN

DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
SHEET		CHK	JSO



# C4.1

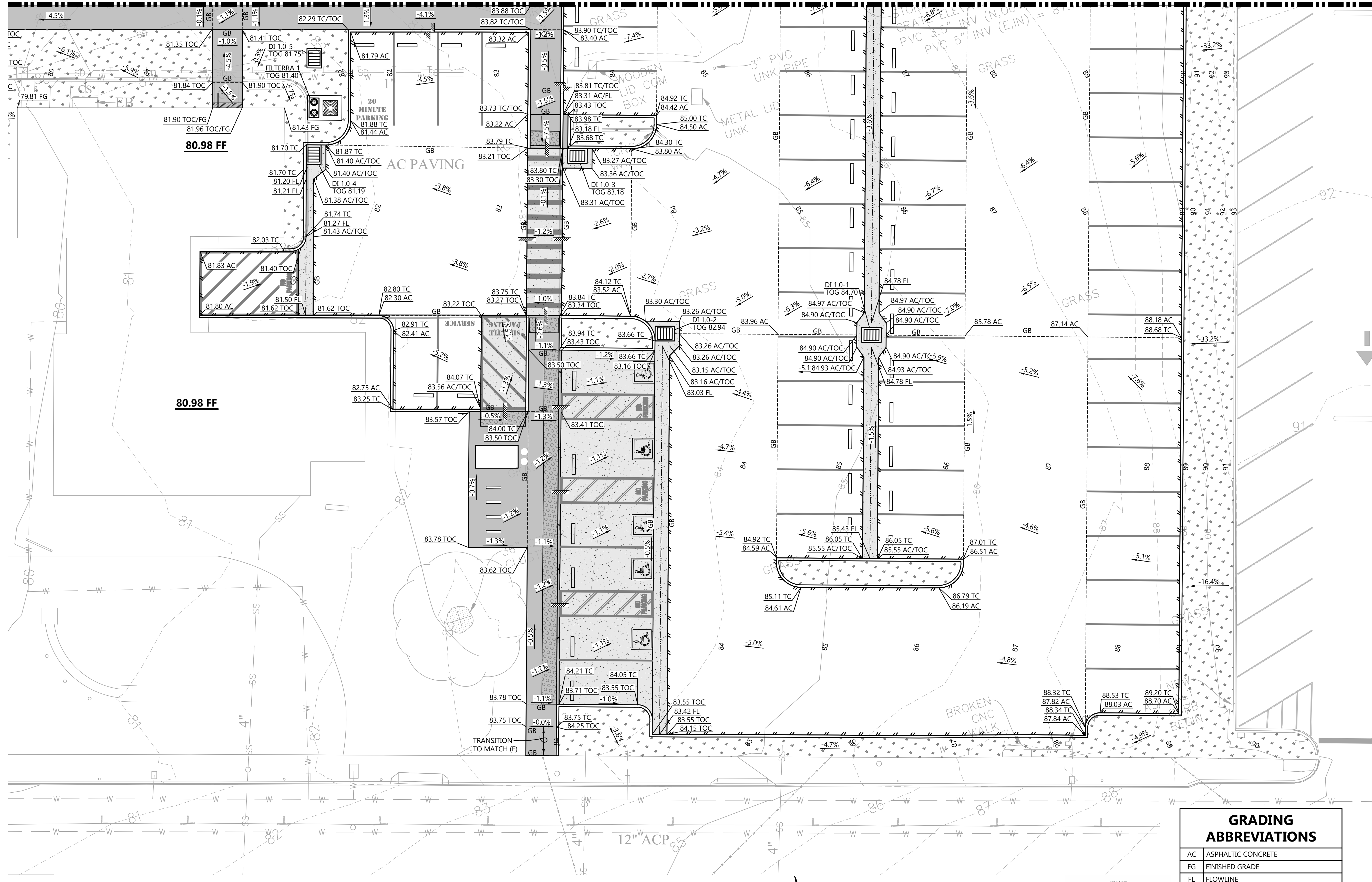


GRADING ABBREVIATIONS	
AC	ASPHALTIC CONCRETE
FG	FINISHED GRADE
FL	FLOWLINE
TC	TOP OF CURB
TOC	TOP OF CONCRETE
TOG	TOP OF GRATE

MATCH SEE SHEET C4.2

SAVED: 2/25/2026 1:51 PM CNEWELL PLOTTED: 2/25/2026 1:52 PM NEWELL, CHRIS  
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MATCH SEE SHEET C4.1

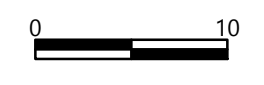


80.98 FF

80.98 FF

AC PAVING

PLAN  
1"=10'



GRADING ABBREVIATIONS	
AC	ASPHALTIC CONCRETE
FG	FINISHED GRADE
FL	FLOWLINE
TC	TOP OF CURB
TOC	TOP OF CONCRETE
TOG	TOP OF GRATE



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NO.	DATE	REVISION

CAL POLY HUMBOLDT  
PLY114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

ENLARGED GRADING PLAN

DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
SHEET		CHK	JSO

C4.2



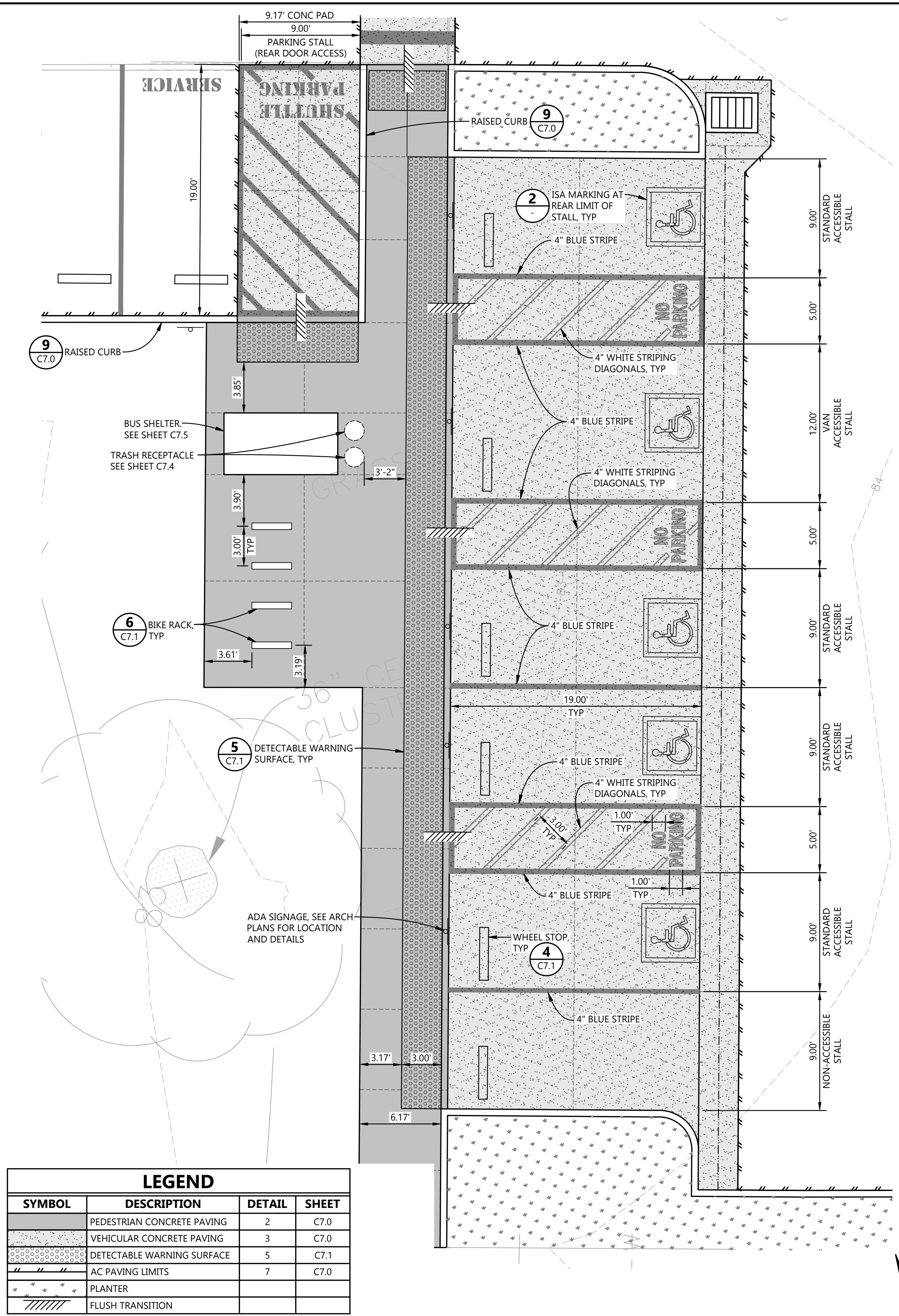








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P:\Eureka\2025\025149-CPH-G14-Parking-Lot\Drawings\025149-ADA-DET.dwg



LEGEND			
SYMBOL	DESCRIPTION	DETAIL	SHEET
[Pattern]	PEDESTRIAN CONCRETE PAVING	2	C7.0
[Pattern]	VEHICULAR CONCRETE PAVING	3	C7.0
[Pattern]	DETECTABLE WARNING SURFACE	5	C7.1
[Pattern]	AC PAVING LIMITS	7	C7.0
[Symbol]	PLANTER		
[Symbol]	FLUSH TRANSITION		

**ACCESSIBLE PARKING STALLS**

NTS

1

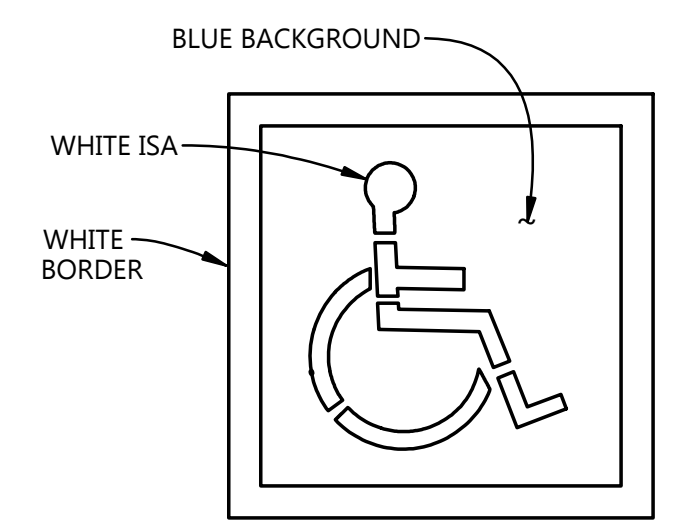
**ISA PAVEMENT MARKING**

NTS

2

**NOTES:**

- ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY.
- ONE IN EVERY SIX ACCESSIBLE OFF-STREET PARKING STALLS, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESSIBLE AISLE OF 5'-0" MINIMUM WIDTH AND SHALL BE SIGNED VAN ACCESSIBLE. THE R7-8B SIGN SHALL BE MOUNTED BELOW THE R99B (CA) PLAQUE OR THE R99C (CA) SIGN.
- IN EACH PARKING STALL, A CURB OR BUMPER SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF VEHICLES OVER THE REQUIRED WIDTH OF WALKWAYS. PARKING STALLS SHALL BE SO LOCATED THAT PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
- SURFACE SLOPES OF ACCESSIBLE OFF-STREET PARKING STALLS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2 PERCENT IN ANY DIRECTION.
- WHERE PLAQUE R99B (CA), SIGN R99C (CA) OR SIGN R7-8B ARE INSTALLED, THE BOTTOM OF THE SIGN OR PLAQUE PANEL SHALL BE A MINIMUM OF 7'-0" ABOVE THE SURROUNDING SURFACE.
- THE WORDS "NO PARKING", SHALL BE PAINTED IN WHITE LETTERS NO LESS THAN 1'-0" HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEE REVISED STANDARD PLAN A90A FOR DETAILS OF THE "NO PARKING" PAVEMENT MARKING.
- A R100B (CA) SIGN SHALL BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL. THE SIGN SHALL INCLUDE THE ADDRESS WHERE THE TOWED VEHICLE MAY BE RECLAIMED AND THE TELEPHONE NUMBER OF THE LOCAL TRAFFIC LAW ENFORCEMENT AGENCY.
- WHERE A SINGLE (NON-VAN) ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.
- WHERE A VAN ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE 5'-0" WIDE MINIMUM, AND SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.
- ACCESSIBLE PARKING ONLY SIGN SHALL BE SIGN R99C (CA) OR SIGN R99 (CA) WITH PLAQUE R99B (CA).
- SLOPE SHALL NOT EXCEED 2% IN ANY DIRECTION.



36"x36" ISA MARKING  
SEE REVISED STD PLAN A24C

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

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0 1"  
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2/25/26

NO.	DATE	REVISION

CAL POLY HUMBOLDT  
PLY 114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

DATE	02/2026	DSGN	KWR
PROJ. NO.	025149	DR	CDN/JWF
SHEET		CHK	JSO

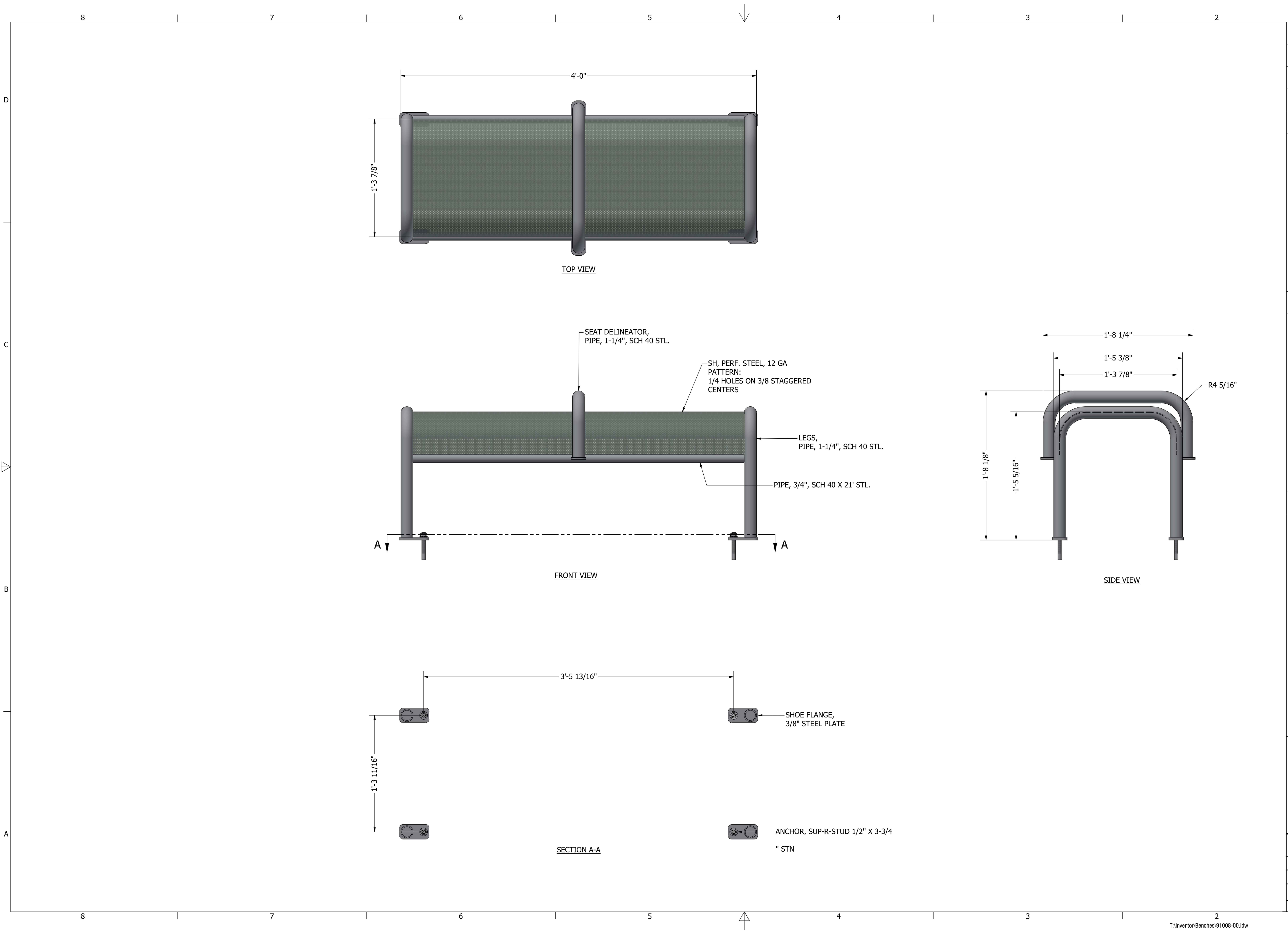
**DETAILS**

**C7.3**





SAVED: 2/25/2026 1:51 PM CNEWELL PLOTTED: 2/25/2026 1:52 PM NEWELL, CHRIS  
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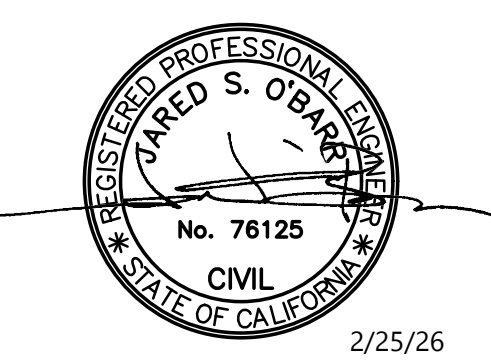


REVISION HISTORY				
ZONE:	REV:	DESCRIPTION:	DATE:	APV:
N/A	-	N/A	8/28/2025	RF

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ENGINEER OF RECORD

**GENERAL NOTES:**

- ALL STRUCTURAL STEEL, UNLESS OTHERWISE NOTED, SHALL BE ASTM A-36, MINIMUM YIELD STRENGTH 36,000 PSI.
- ALL STRUCTURAL ALUMINUM MEMBERS, UNLESS OTHERWISE NOTED, SHALL BE OF ALLOY 6063-T5 OR GREATER.
- ALL HOLES TO BE DRILLED OR PUNCHED.
- STEEL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARD D1. 1-10. ELECTRODES SHALL CONFORM TO AWS 5.1, CLASS E70S-5.
- ALUMINUM WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARD D1. 2-08. ELECTRODES SHALL CONFORM TO AWS/SFA 5.10 CLASS ER4043.
- ALL WELDING TO BE DONE AT TOLAR MANUFACTURING COMPANY, INC. FACILITY.
- ALL CORPORATE PROCEDURES, INCLUDING FABRICATION, MUST BE IN COMPLIANCE WITH TOLAR MANUFACTURING CO. INC'S QUALITY CONTROL MANUAL.
- THE CONCRETE PAD SIZES SHOWN ARE STANDARD MINIMUM REQUIREMENTS FOR THE STRUCTURE AND ARE FOR REFERENCE ONLY. THE PAD MAY NEED TO BE REINFORCED OR ENLARGED DEPENDING ON LOCAL CODES AND LOADING CONDITIONS AND DOES NOT INCLUDE ADA CLEAR PATH REQUIREMENTS.

THE DESIGN AND DRAWINGS REMAIN THE INTELLECTUAL PROPERTY OF TOLAR MFG. AND ARE PROTECTED BY LAW. THEY MAY NOT BE ALTERED, REPRODUCED OR USED FOR FABRICATION WITHOUT EXPRESSED WRITTEN CONSENT FROM TOLAR MFG.  
ALL DOCUMENTS TO BE RETURNED TO TOLAR MFG. AT COMPLETION OF WORK. CONTRACTOR TO SITE VERIFY ALL DETAILS AND DIMENSIONS AND REPORT ANY AND ALL DISCREPANCIES TO TOLAR MFG. BEFORE COMMENCING WITH THAT RELATED PORTION OF THE WORK.

TOLAR MANUFACTURING COMPANY, INC. 258 Mariah Circle, Corona CA. 92879	
DESCRIPTION: 4' PERF METAL BENCH, NO BACK 1 SEAT DELINEATOR	PAGE: 1 OF 1
CUSTOMER/VENDOR: TOLAR STD.	REV: -
SIZE: D	DWG NO.: 91008-00
SCALE: 1/4"	DATE: 8/28/2025
	DRAWN BY: RFarr

NO.	DATE	REVISION

CAL POLY HUMBOLDT  
PLY 114 G14 PARKING EXPANSION  
14TH & B STREET, ARCATA, CALIFORNIA

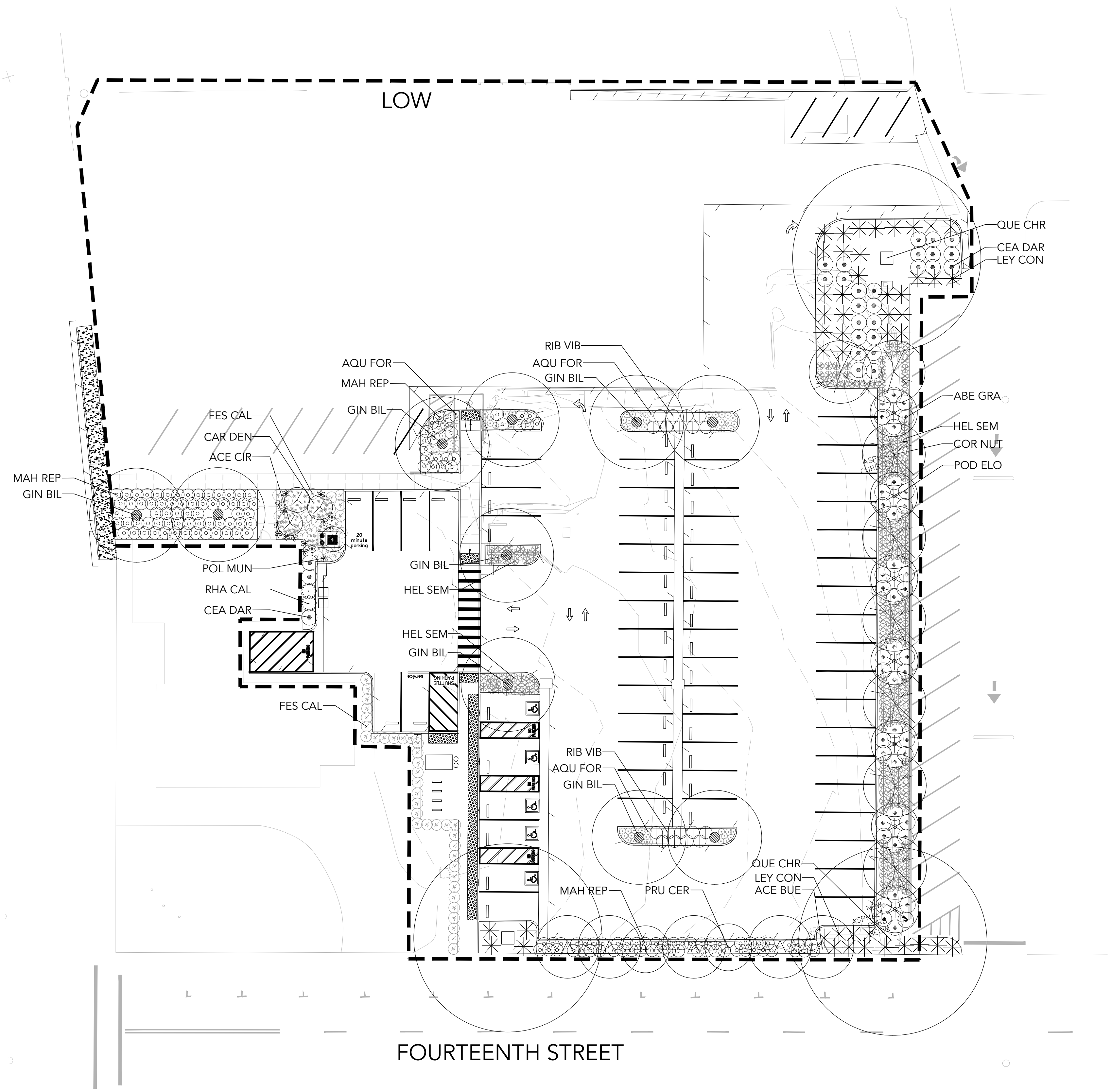
**DETAILS**



DATE: 02/2026	DSGN: KWR
PROJ. NO.: 025149	DR: CDN/JWF
	CHK: JSO

SHEET **C7.6**

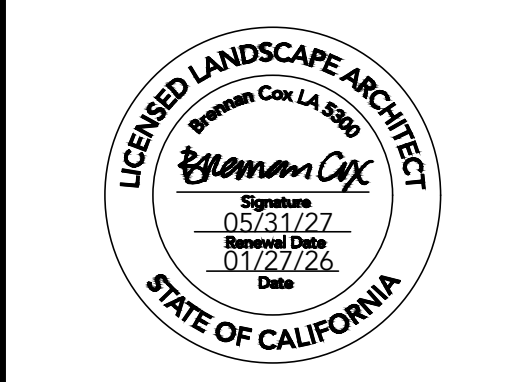
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MASTER PLANT SCHEDULE				
PERENNIALS	QTY	SIZE	CODE	BOTANICAL NAME
⊙	61	1 GAL	AQU FOR	AQUILEGIA FORMOSA
*	15	1 GAL	POL MUN	POLYSTICHUM MUNITUM
SHRUBS				
⊙	42	5 GAL	ABE GRA	ABELIA GRANDIFLORA
⊙	28	5 GAL	CEA DAR	CEANOTHUS 'DARK STAR'
⊙	53	5 GAL	MAH AQU	MAHONIA REPENS
⊙	2	5 GAL	RHA CAL	RHAMNUS CALIFORNICA
⊙	18	5 GAL	RIB VIB	RIBES VIBURNIFOLIUM
GRASSES	QTY	SIZE		
*	66	1 GAL	CAR DEN	CAREX DENSA
⊙	57	1 GAL	FES CAL	FESTUCA CALIFORNICA
*	45	1 GAL	LEY CON	LEYMUS CONDENSATUS
*	212	1 GAL	HEL SEM	HELICTROTRICHON SEMPERVIRENS
TREES	QTY	SIZE		
△	5	24" BOX	ACE BUE	ACER BUERGERIANUM
⊙	4	24" BOX	ACE CIR	ACER CIRCINATUM
+	2	24" BOX	PRU CER	PRUNUS CERASIFERA 'KRAUTER VESUVIUS'
●	10	24" BOX	GIN BIL	GINKGO BILOBA 'AUTUMN'S GOLD'
□	3	24" BOX	QUE CHR	QUERCUS CHRYSOLEPIS
✱	8	24" BOX	COR NUT	CORNUS NUTTALLII
✱	7	24" BOX	POD ELO	PODOCARPUS ELONGATUS 'MONMAL'



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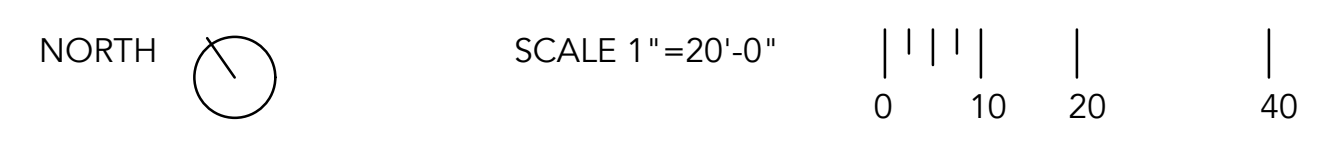
NO.	DATE	REVISION

CAL POLY HUMBOLDT  
 PLY114 G14 Parking Expansion  
 14th & B Street, Arcata, CA

PLANTING PLAN  
 G14-100% CD



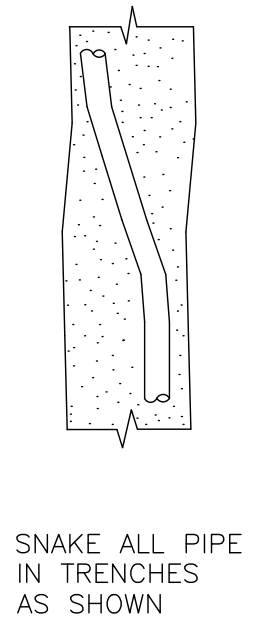
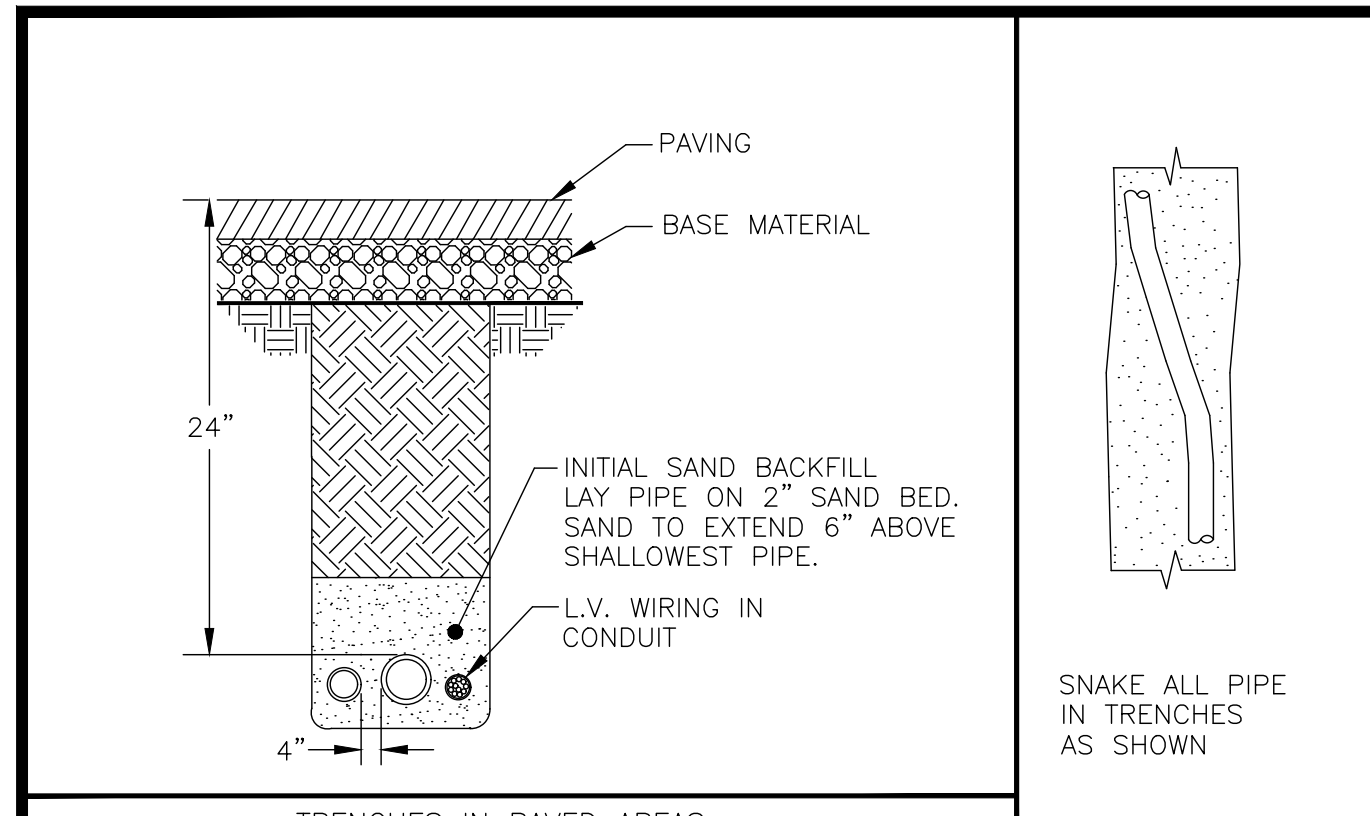
DATE	02/23/26	DSGN	AE
PROJ. NO.	G14	DR	AE
SHEET	L1.0	CHK	SP





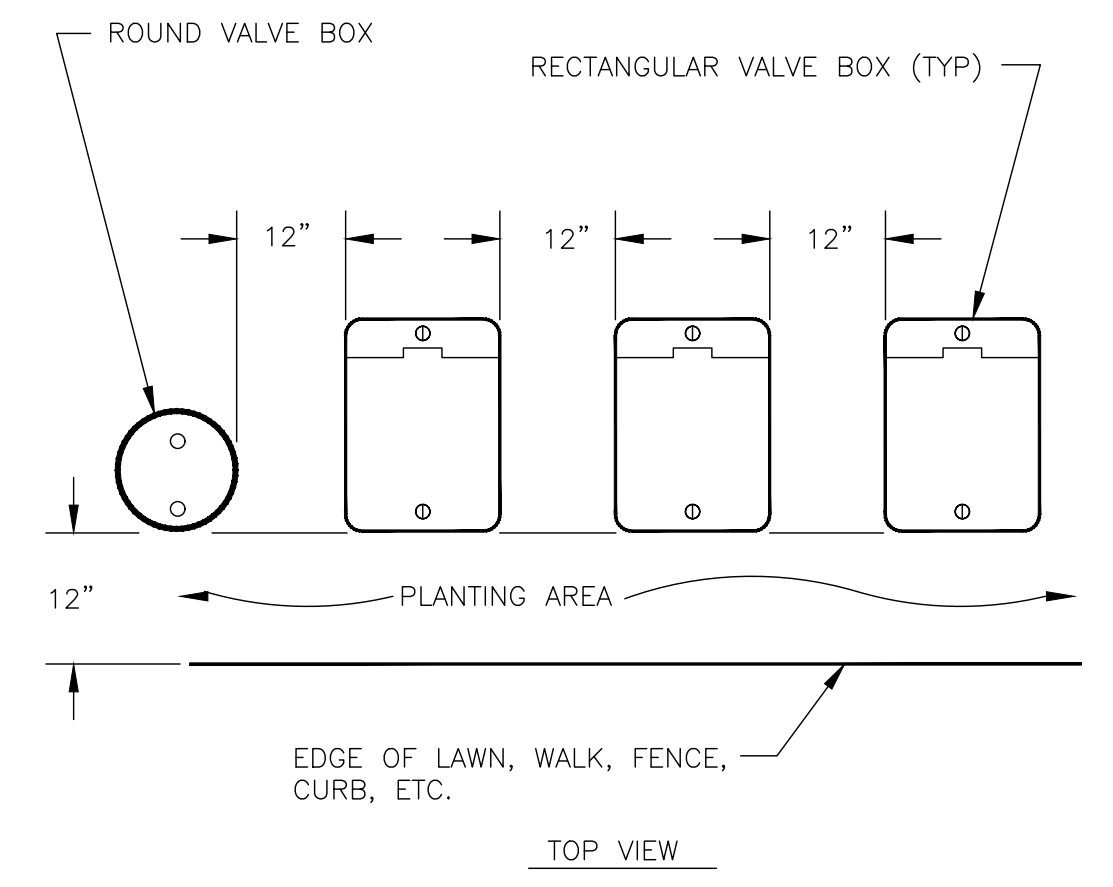




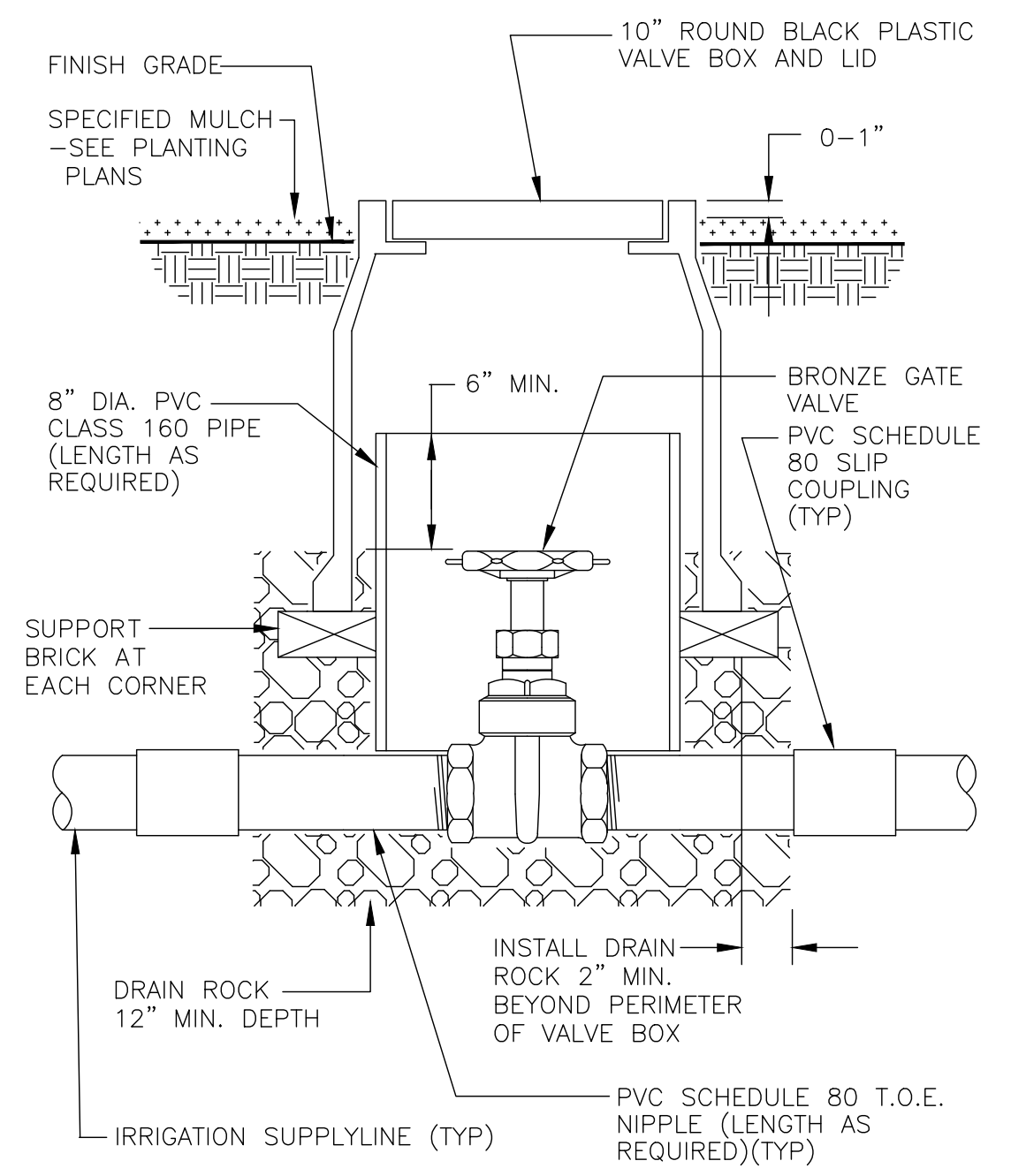


TRENCHING DETAILS  
A NTS

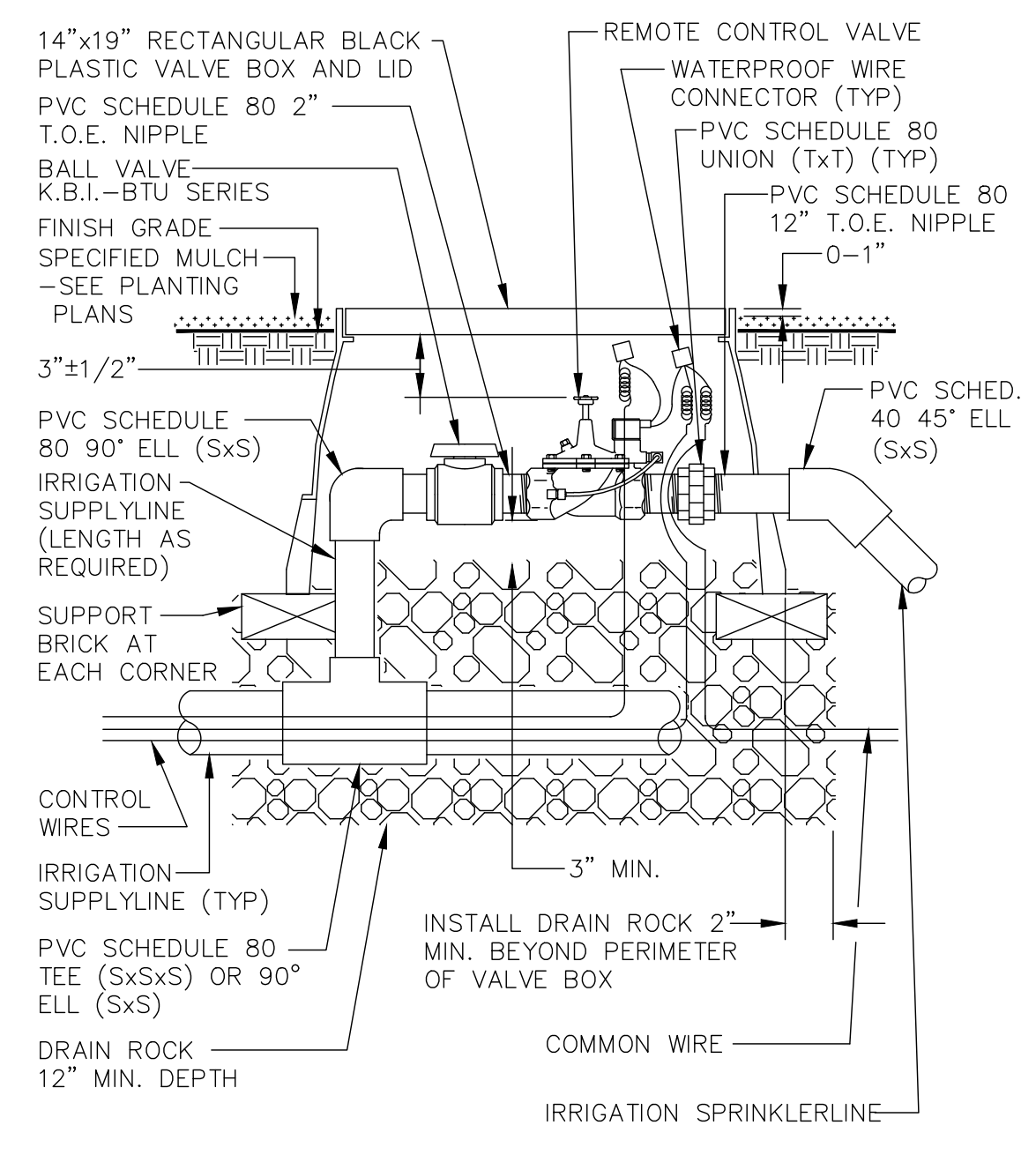
- NOTES:
1. CENTER BOXES OVER VALVES.
  2. SET BOXES IN GROUND COVER/SHRUB AREA WHERE POSSIBLE.
  3. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE.
  4. AVOID HEAVILY COMPACTING SOIL AROUND BOXES TO PREVENT DAMAGING VALVE BOXES.



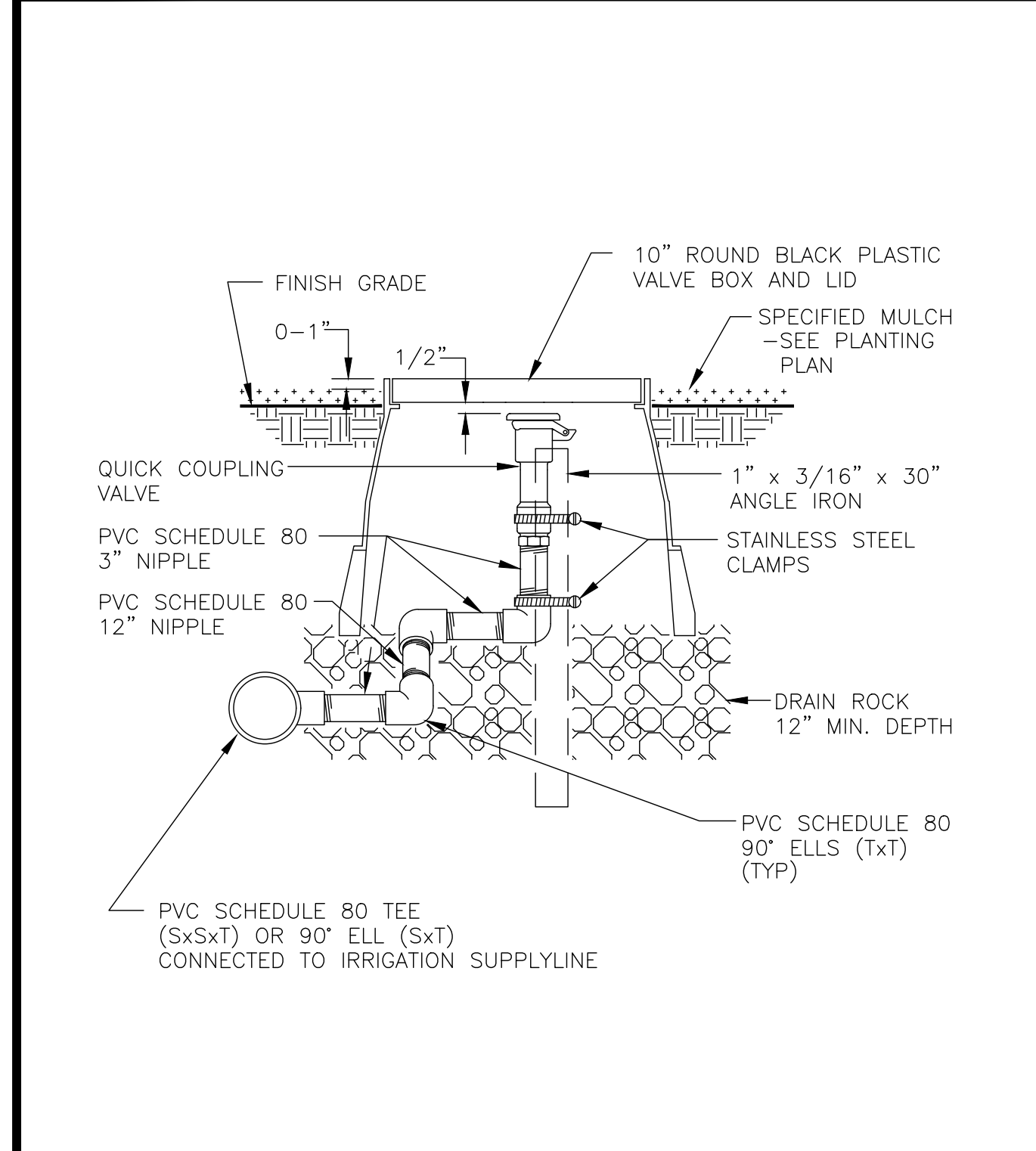
VALVE BOX INSTALLATION DETAIL  
B NTS



GATE VALVE INSTALLATION DETAIL  
F NTS

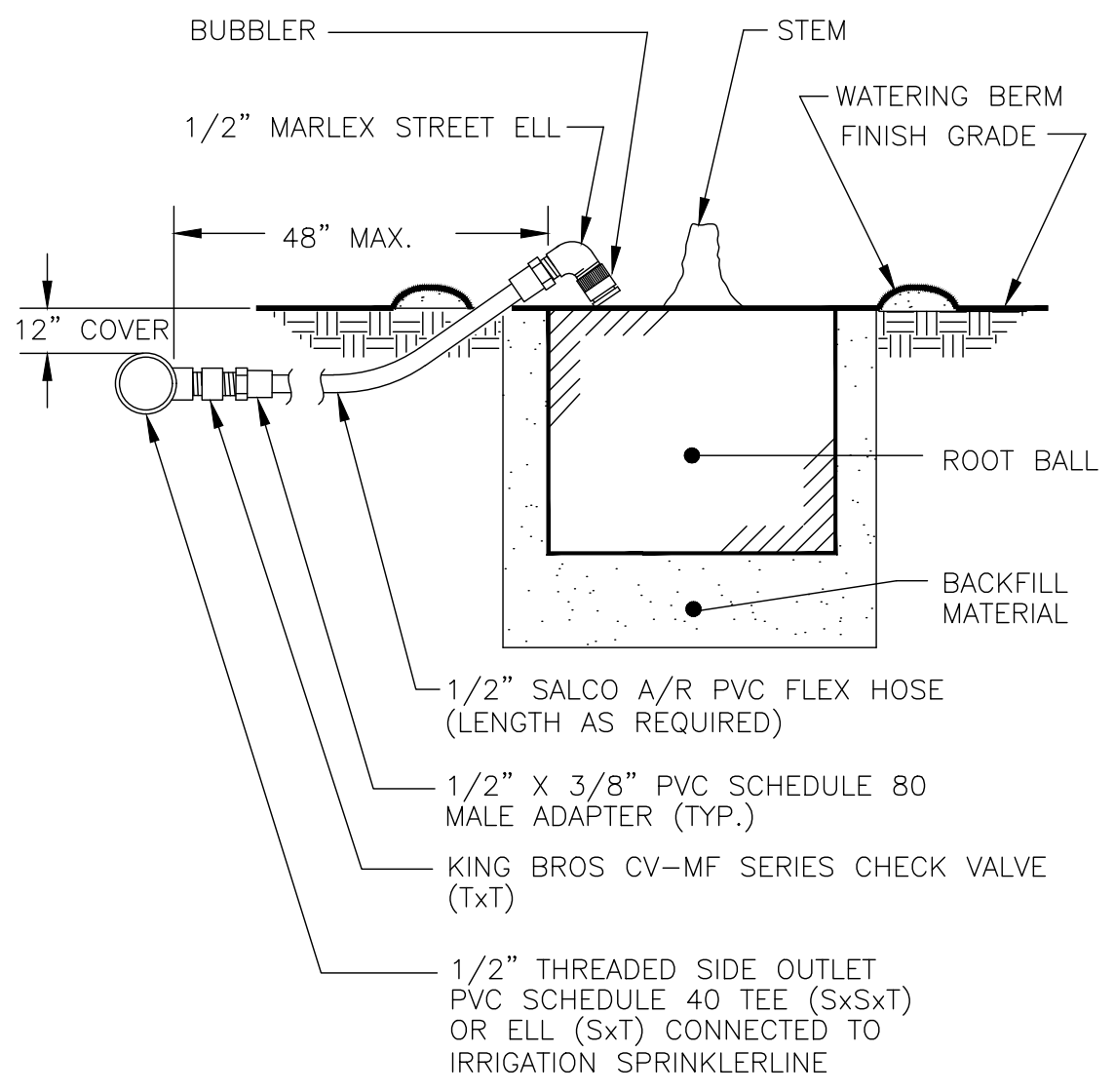


REMOTE CONTROL VALVE INSTALLATION DETAIL  
G NTS

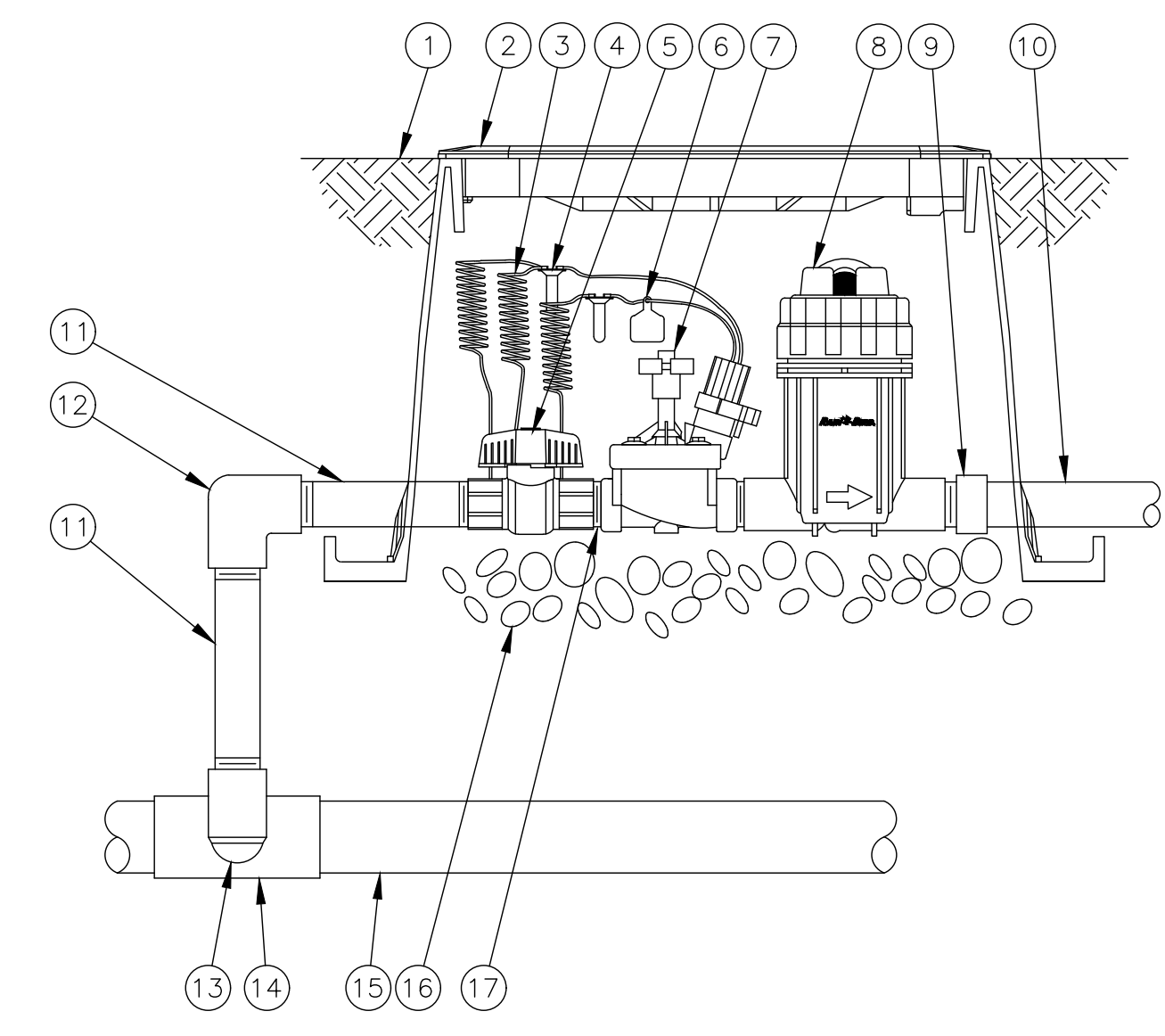


QUICK COUPLING VALVE RISER ASSEMBLY DETAIL  
J NTS

- NOTE: INSTALL BUBBLER ABOVE ROOT BALL. INSTALL BUBBLER ON UPHILL SIDE OF PLANT WHERE APPLICABLE. ALLOW 6" MINIMUM DISTANCE BETWEEN BUBBLER AND TREE TRUNK.



BUBBLER INSTALLATION DETAIL FOR TREES  
K NTS



DRIP ZONE KIT INSTALLATION DETAIL  
L NTS

- 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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Berkeley, California 94710  
phone 510 - 833 - 2111  
web groundworksoffice.com

NO.	DATE	REVISION

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

**IRRIGATION DETAILS  
G14-100%CD**



ARTHUR LANDSCAPE  
IRRIGATION CONSULTING  
ALI Consulting  
Professional Member - ASIC  
Post Office Box 3490  
Livermore, Calif. 94551  
T 925.518.3956  
E ray@aliconsulting.net

DATE	DSGN	AE
02/23/26	DR	AE
PROJ. NO. G14	CHK	SP
SHEET		

**L3.2**

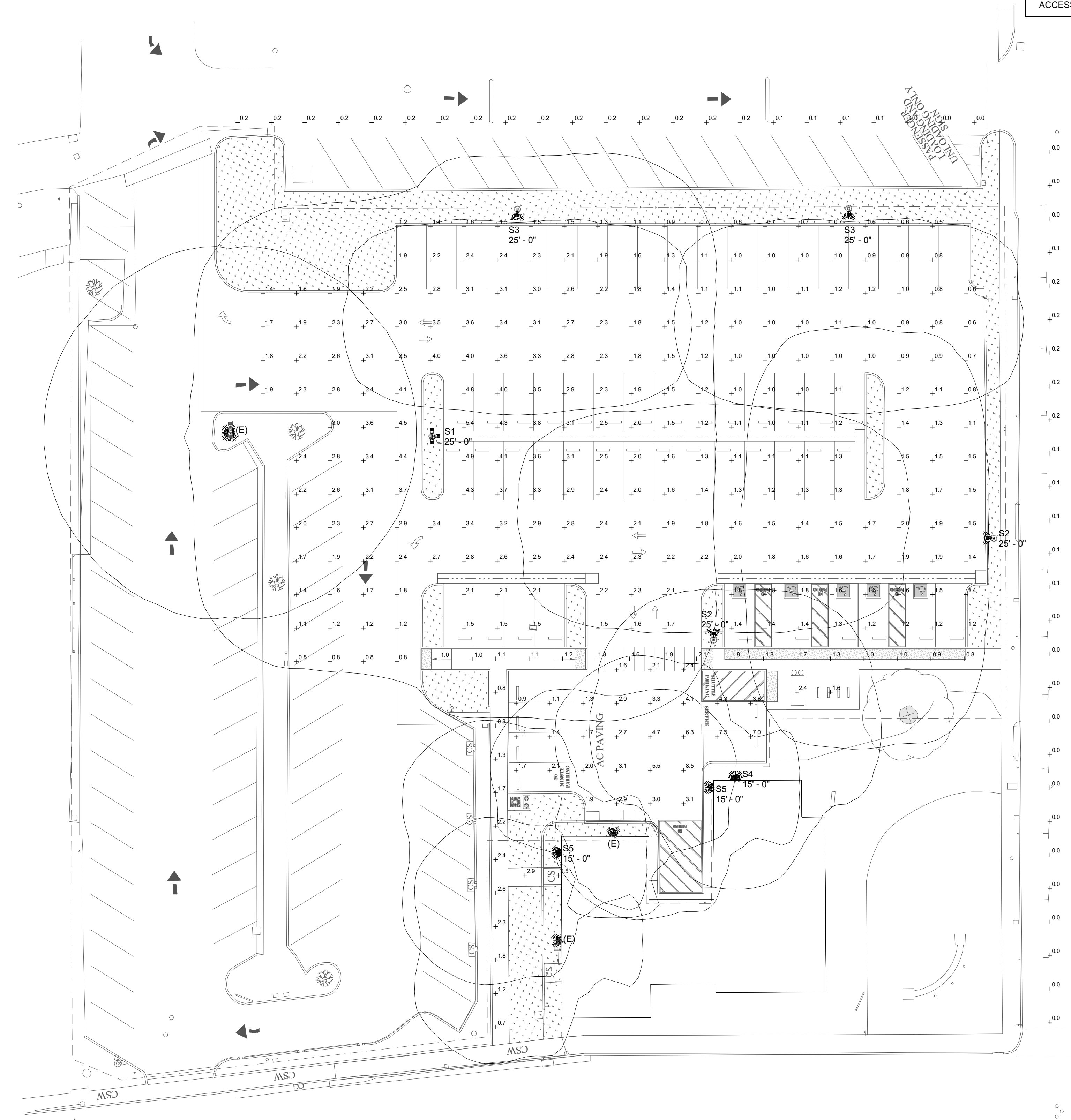
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C:\ALIC\PROJECTS\GROUNDWORKS OFFICE\PH-PARKING LOTS\LOT G14\L3.X IRRIGATION-G14.dwg







CALCULATION SUMMARY								
AREA	ILLUMINANCE (fc)					HORIZONTAL UNIFORMITY RATIOS		
	IES STANDARD	DESIGN	TYPE	DESIGN	TYPE	IES STANDARD	DESIGN	TYPE
MAIN PARKING LOT	0.2	0.5	MIN	1.9	AVG.	20.0	10.8	MAX/MIN
BUILDING PARKING	0.2	0.9	MIN	3.2	AVG.	20.0	9.4	MAX/MIN
ACCESSIBLE PATH	--	0.7	MIN	1.5	AVG.	--	3.7	MAX/MIN



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



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NO.	DATE	REVISION

CAL POLY HUMBOLDT  
G14 PARKING LOT IMPROVEMENTS  
ARCATA, CALIFORNIA

**ELECTRICAL PHOTOMETRIC PLAN**

DATE	02/2026	DSGN	TA
PROJ. NO.	025149	DR	TA
SHEET	E2.1	CHK	NW

100% PRELIMINARY DRAWINGS



