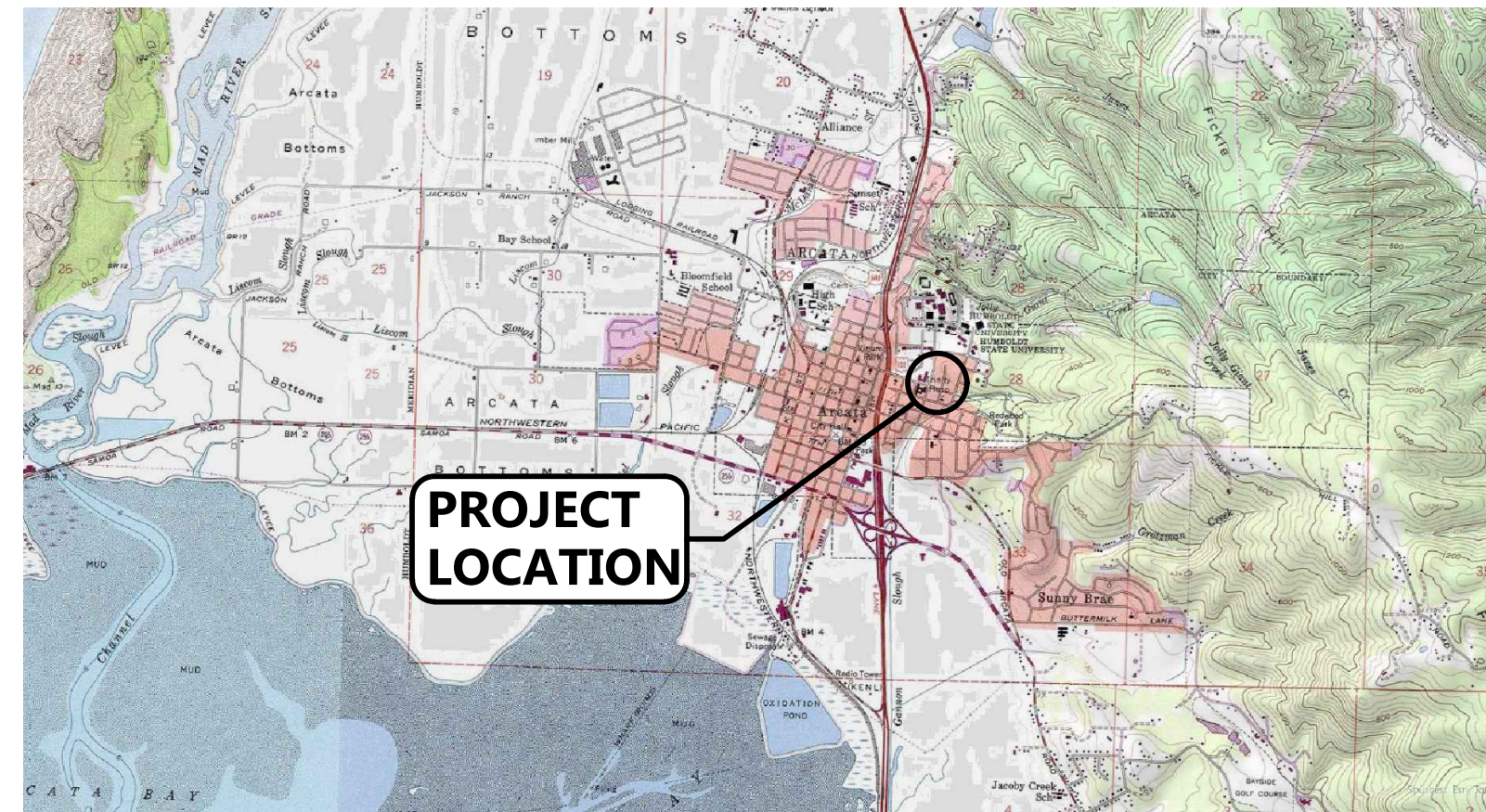


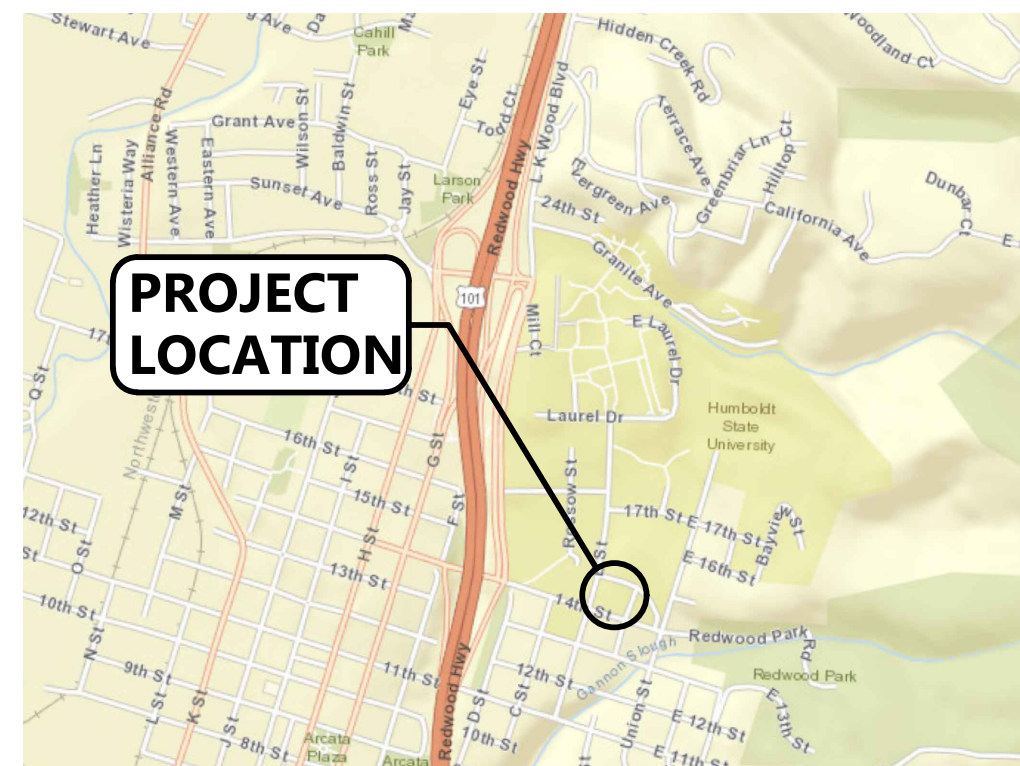
CAL POLY HUMBOLDT PLY114 G14 PARKING EXPANSION ARCATA, CALIFORNIA

FEBRUARY 2026

PROJECT MAPS

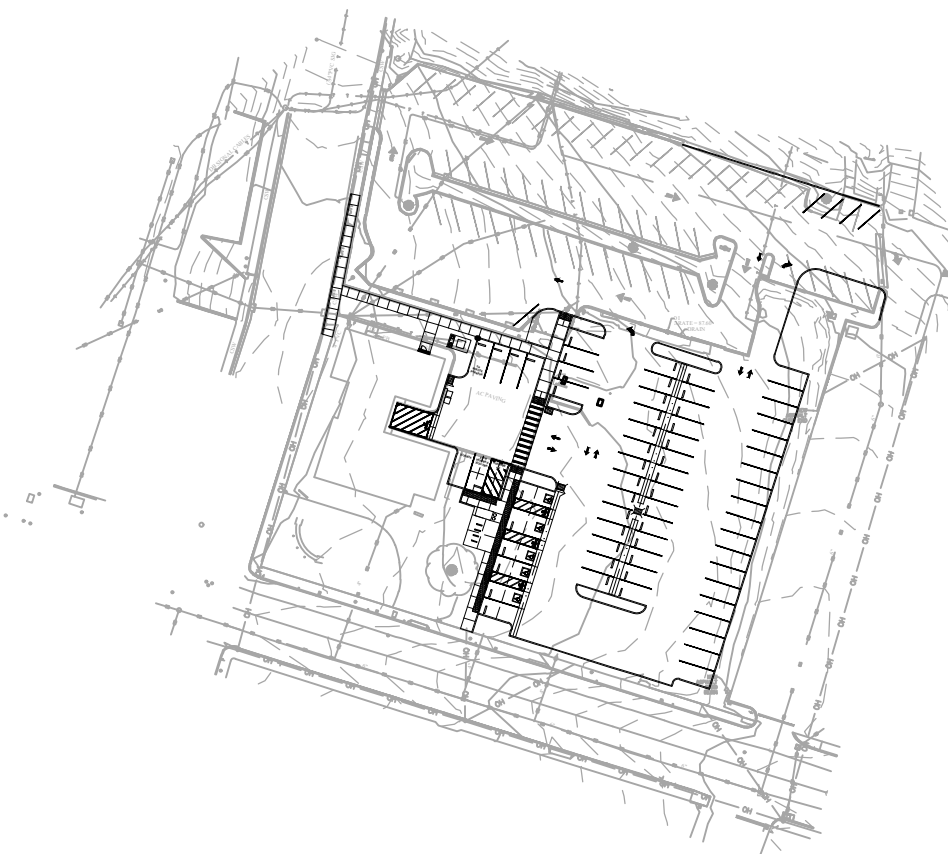


VICINITY MAP



SITE MAP

NTS



PROJECT OVERVIEW

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.

2025 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2025 CALIFORNIA BUILDING CODE (CBC), CHAPTER 11B
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CBC), CHAPTER 5, SELECT SECTIONS (5.106.4, 5.106.5)

LIST OF FEDERAL CODES AND STANDARDS (IF APPLICABLE)

AMERICANS WITH DISABILITIES ACT (ADA), TITLE II OR TITLE III	
FOR <u>TITLE II</u> : UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)	28 CFR 35.151(c)
OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 35)	
FOR <u>TITLE III</u> : ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)	28 CFR 36.406
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 PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES. DEPENDING ON THE USE AND FUNDING, BOTH TITLE MAY APPLY TO THE PROJECT.

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

CONSTRUCTION OF AN ON-SITE PARKING LOT SUPPORTING GENERAL PARKING FOR THE STUDENT BODY TO INCLUDE, BUT NOT LIMITED TO, CLEARING AND GRUBBING, EXCAVATION, GRADING, DEMOLITION AND REMOVAL OF EXISTING PAVEMENT. IMPROVEMENTS TO INCLUDE THE INSTALLATION OF ENGINEERED FILL, ASPHALT PAVEMENT, CONCRETE FLATWORK, SHUTTLE SHELTER, SITE AMENITIES, LIGHTING, ELECTRICAL INFRASTRUCTURE, STORM DRAIN PIPING, DRAIN INLETS, STRIPING, SIGNAGE, ACCESSIBLE PARKING, IRRIGATION, AND PLANTING.

INDEX OF SHEETS

SHEET	TITLE
G1.0	COVER
G2.0	PROJECT OVERVIEW AND SITE ACCESS PLAN
G3.0	SITE FIRE ACCESS
C0.0	SITE CIVIL GENERAL NOTES, ABBREVIATIONS, AND 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
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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
L1.0	PLANTING PLAN
L2.0	PLANTING DETAILS
L3.0	IRRIGATION PLAN
L3.1	IRRIGATION NOTES AND LEGEND
L3.2	IRRIGATION DETAILS
L3.3	IRRIGATION DETAILS
E1.0	ELECTRICAL LEGEND AND SCHEDULES
E2.0	ELECTRICAL SITE PLAN
E2.1	ELECTRICAL PHOTOMETRIC PLAN
E3.0	ELECTRICAL DETAILS
E4.0	T24 COMPLIANCE

BIDDING NOTE:
This planset is released with Addendum #4



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

COVER

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

SHEET

G1.0

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 REQUIRED TO BRING THE POT 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.

ACCESSIBLE PATH OF TRAVEL:

LEGEND

SYMBOL	DESCRIPTION
●	ACCESSIBLE PATH OF TRAVEL

PARKING STALL TYPE	COUNT	COMMENTARY
EXISTING PARKING STALLS	61	EXISTING G14 PARKING STALLS
NEW PARKING STALLS	63	INCLUDING ACCESSIBLE PARKING STALLS
TOTAL PARKING STALLS	124	INCLUDING ACCESSIBLE PARKING STALLS
STANDARD PARKING STALLS	119	NON-ACCESSIBLE PARKING STALLS
ACCESSIBLE STALLS	5	TOTAL ACCESSIBLE PARKING STALLS
STANDARD ACCESSIBLE STALLS	4	STANDARD ACCESSIBLE PARKING STALLS
VAN ACCESSIBLE STALLS	1	VAN ACCESSIBLE PARKING STALLS



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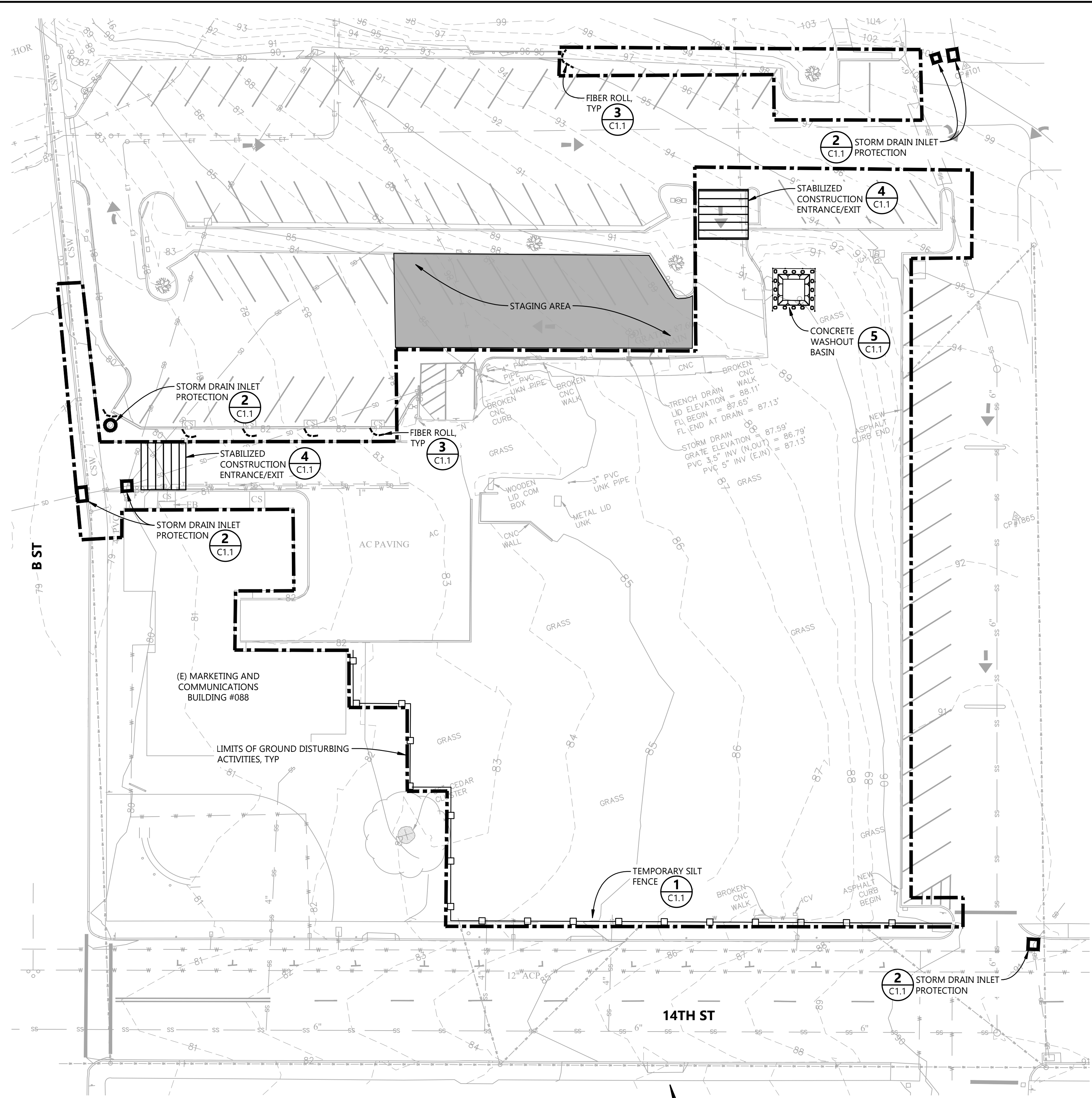
CAL POLY HUMBOLDT
PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

PROJECT OVERVIEW AND SITE ACCESS PLAN

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

SHEET

G2.0



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		

PLAN
1"=20'



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 (FILTRRA, 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 PERVIOUS 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 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.



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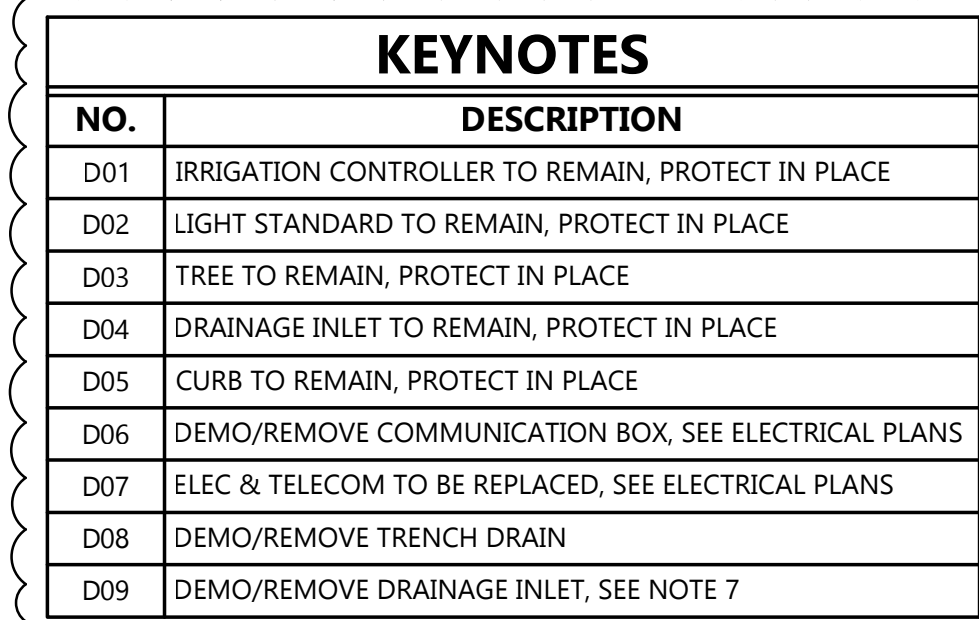
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14TH & B STREET, ARCATA, CALIFORNIA

EROSION AND SEDIMENT CONTROL PLAN

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

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C1.0



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

1. REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR REQUIRED EROSION AND SEDIMENT CONTROL MEASURES.
2. POT HOLE PRIOR TO CONSTRUCTION TO LOCATE EXISTING UTILITIES. PROTECT EXISTING UTILITIES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
3. CLEAR, GRUB AND REMOVE ALL TREES, VEGETATION, TOPSOIL, AND ORGANIC MATERIAL WITHIN PROJECT SITE.
4. LIMITS OF SIDEWALK AND CURB DEMOLITION SHALL EXTEND TO NEAREST CONTROL JUNCTION. LIMITS OF AC REMOVAL SHALL BE SAW CUT.
5. EXISTING SERVICE TO THE MARKING AND COMMUNICATIONS BUILDING SHALL REMAIN ACTIVE THROUGHOUT CONSTRUCTION. 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.
6. ANY DAMAGE TO EXISTING ELEMENTS NOT LISTED FOR DEMOLITION SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH CPH REQUIREMENTS AT CONTRACTOR'S SOLE EXPENSE.
7. CONTRACTOR SHALL VERIFY EXISTING STORM DRAIN ROUTING TO DETERMINE WHETHER THE SYSTEM IS ACTIVE PRIOR TO CONSTRUCTION. IF THE STORM DRAIN SYSTEM IS INACTIVE, 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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14TH & B STREET, ARCAT, CALIFORNIA

DEMOLITION PLAN

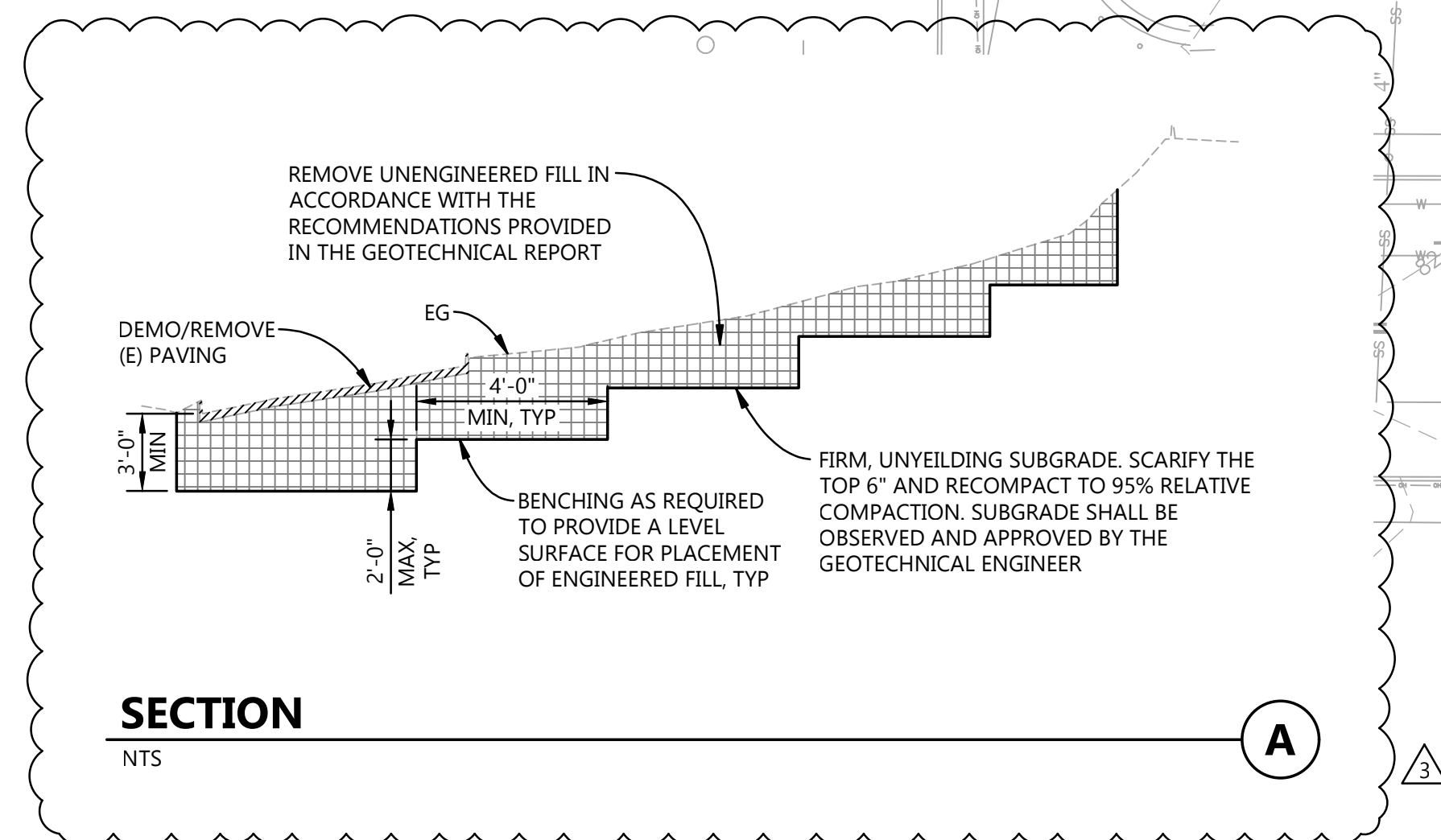
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	CDN/JWF
025149	CHK
	JSO

SHEET

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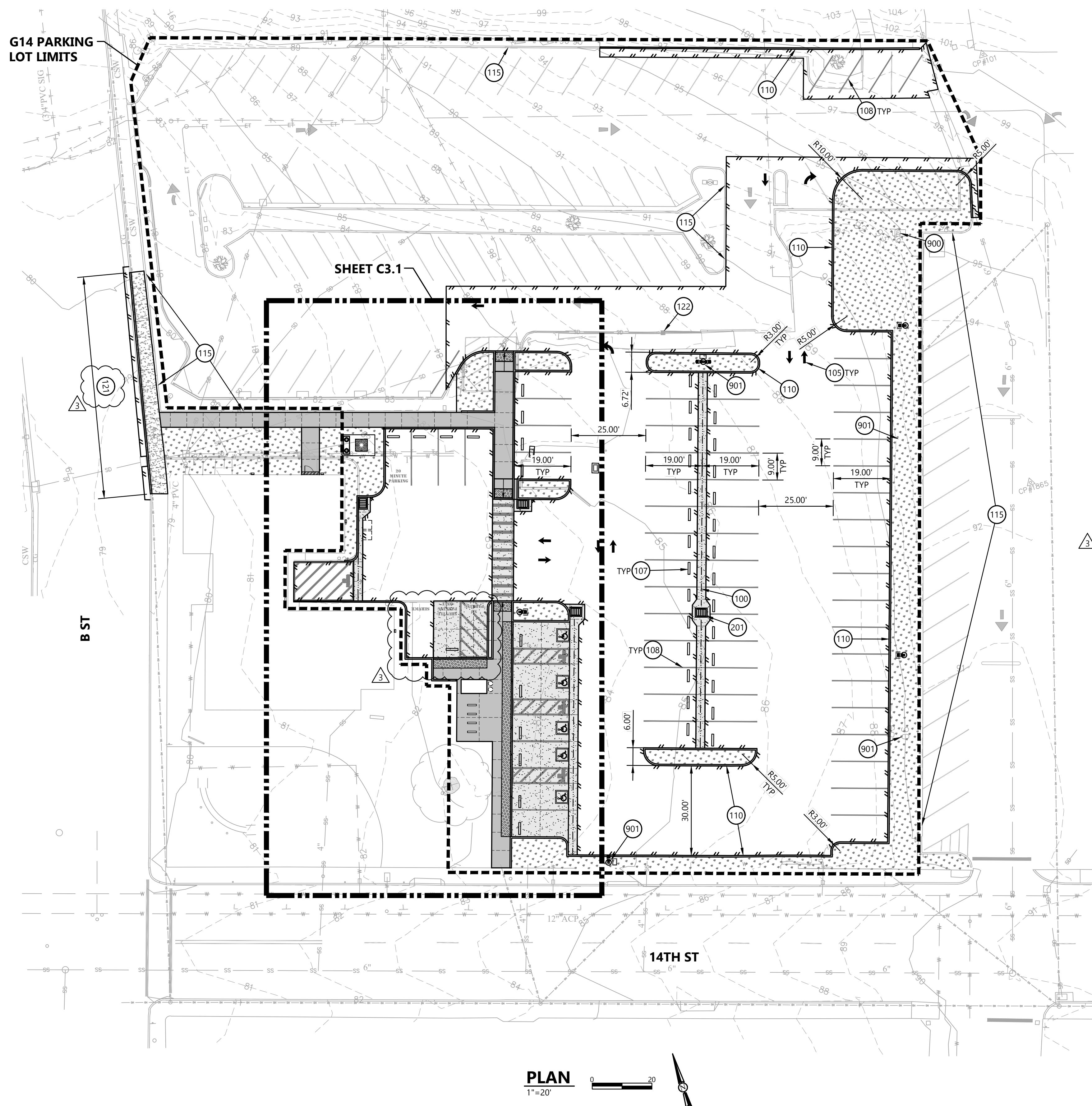
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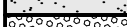
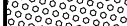


PLAN
1"=20'





KEYNOTES			
NO.	DESCRIPTION	DETAIL	SHEET
100	CONCRETE VALLEY GUTTER	10	C7.0
101	BIKE RACK	6	C7.1
102	BUS SHELTER	SEE SHEET C7.5	
103	TRASH RECEPTACLE	SEE SHEET C7.4	
104	DETECTABLE WARNING SURFACE	5	C7.1
105	DIRECTIONAL ARROW STRIPING	2	C7.1
106	CURB RAMP	9	C7.1
107	WHEEL STOP	4	C7.1
108	4" WHITE PARKING STALL STRIPING	-	-
109	CROSSWALK	3	C7.1
110	CONCRETE CURB	5	C7.0
111	ACCESSIBLE PARKING STALLS	1	C7.3
112	RAISED CURB	9	C7.0
113	CURB END	6	C7.0
114	CONCRETE CURB AND GUTTER	7	C7.1
115	EXISTING CURB TO REMAIN	-	-
116	TRASH BINS (NIC)	-	-
117	FLUSH CURB	-	-
118	DRAINAGE CHANNEL	-	-
119	THICKENED EDGE AT BUILDING	8	C7.0
120	PARKING ISLAND	3	C7.3
121	SIDEWALK & CURB	1	C7.1
122	RAISE INLET STRUCTURE TO GRADE	SEE DEMOLITION PLAN	
200	FILTERRA STORMWATER TREATMENT CHAMBER	SEE SHEET C5.0	
201	DRAINAGE INLET	SEE SHEET C5.0	
202	PVC CURB DRAIN	SEE SHEET C5.0	
900	IRRIGATION CONTROLLER TO REMAIN	SEE LANDSCAPE SHEETS	
901	LUMINARE	SEE ELECTRICAL SHEETS	
902	SIGNAGE PLAN AND DETAILS	SEE ARCHITECTURAL SHEETS	
903	TRAFFIC RATED BOX AND LID	SEE ELECTRICAL PLANS	

LEGEND			
SYMBOL	DESCRIPTION	DETAIL	SHEET
	SIDEWALK CONCRETE PAVING (NO REINFORCEMENT)	1	C7.1
	PEDESTRIAN CONCRETE PAVING	2	C7.0
	VEHICULAR CONCRETE PAVING	3	C7.0
	DETECTABLE WARNING SURFACE	5	C7.1
	AC PAVING LIMITS	7	C7.0
	THICKENED EDGE	8	C7.0
	CONTRACTION JOINTS	1	C7.0
	PLANTER	SEE LANDSCAPE SHEETS	



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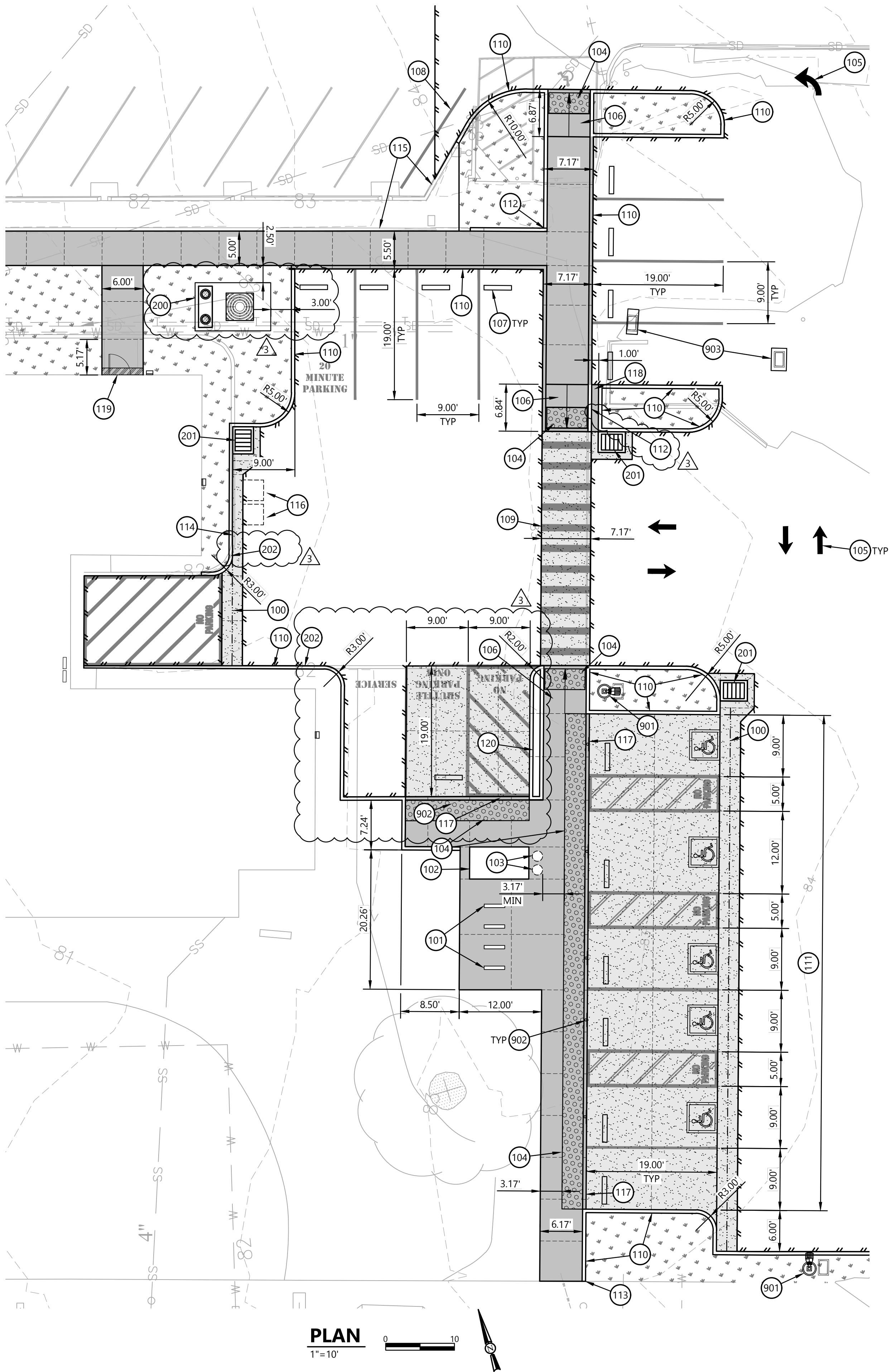
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14TH & B STREET, ARCATA, CALIFORNIA

SITE PLAN

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	JSO

SHEET

C3.0



KEYNOTES			
NO.	DESCRIPTION	DETAIL	SHEET
100	CONCRETE VALLEY GUTTER	10	C7.0
101	BIKE RACK	6	C7.1
102	BUS SHELTER	SEE SHEET C7.5	
103	TRASH RECEPTACLE	SEE SHEET C7.4	
104	DETECTABLE WARNING SURFACE	5	C7.1
105	DIRECTIONAL ARROW STRIPING	2	C7.1
106	CURB RAMP	9	C7.1
107	WHEEL STOP	4	C7.1
108	4" WHITE PARKING STALL STRIPING	-	-
109	CROSSWALK	3	C7.1
110	CONCRETE CURB	5	C7.0
111	ACCESSIBLE PARKING STALLS	1	C7.3
112	RAISED CURB	9	C7.0
113	CURB END	6	C7.0
114	CONCRETE CURB AND GUTTER	7	C7.1
115	EXISTING CURB TO REMAIN	-	-
116	TRASH BINS (NIC)	-	-
117	FLUSH CURB	-	-
118	DRAINAGE CHANNEL	-	-
119	THICKENED EDGE AT BUILDING	8	C7.0
120	PARKING ISLAND	3	C7.3
121	SIDEWALK & CURB	1	C7.1
122	RAISE INLET STRUCTURE TO GRADE	SEE DEMOLITION PLAN	
200	FILTERRA STORMWATER TREATMENT CHAMBER	SEE SHEET C5.0	
201	DRAINAGE INLET	SEE SHEET C5.0	
202	PVC CURB DRAIN	SEE SHEET C5.0	
900	IRRIGATION CONTROLLER TO REMAIN	SEE LANDSCAPE SHEETS	
901	LUMINARE	SEE ELECTRICAL SHEETS	
902	SIGNAGE PLAN AND DETAILS	SEE ARCHITECTURAL SHEETS	
903	TRAFFIC RATED BOX AND LID	SEE ELECTRICAL PLANS	

LEGEND			
SYMBOL	DESCRIPTION	DETAIL	SHEET
	SIDEWALK CONCRETE PAVING (NO REINFORCEMENT)	1	C7.1
	PEDESTRIAN CONCRETE PAVING	2	C7.0
	VEHICULAR CONCRETE PAVING	3	C7.0
	DETECTABLE WARNING SURFACE	5	C7.1
	AC PAVING LIMITS	7	C7.0
	THICKENED EDGE	8	C7.0
	CONTRACTION JOINTS	1	C7.0
	PLANTER	SEE LANDSCAPE SHEETS	



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

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

ENLARGED SITE PLAN -
ACCESSIBLE PARKING STALLS

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

SHEET

C3.1



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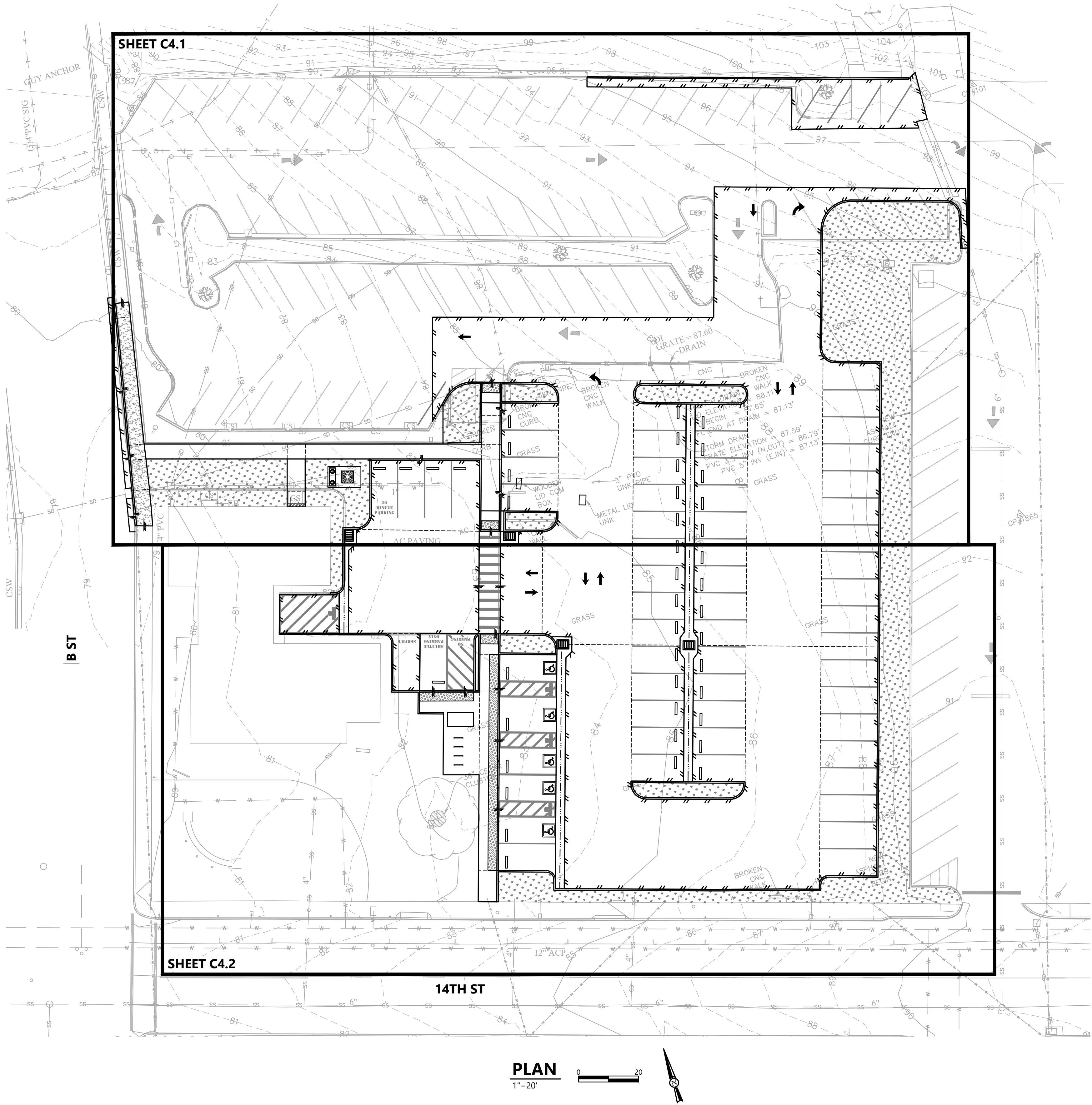
CAL POLY HUMBOLDT
PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

GRADING PLAN INDEX

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

SHEET

C4.0



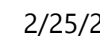
PLAN
1"=20'





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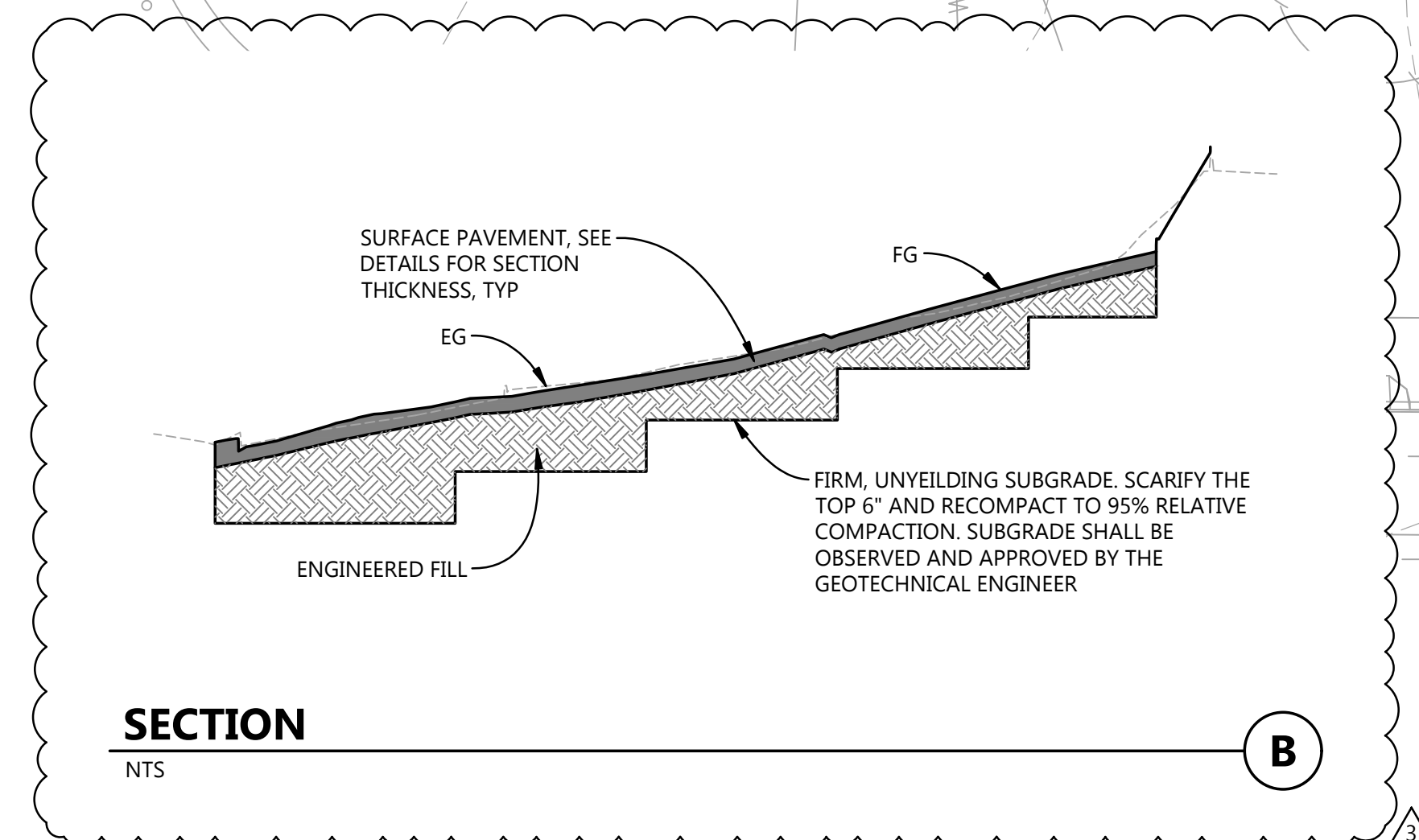
0 1"


$$z$$

ENLARGED GRADING PLAN

SHEET

C4.1



LEGEND	
SYMBOL	DESCRIPTION
	FLUSH TRANSITION
	ELEVATED TRANSITION
	GRADE BREAK

[illegible]

CAL POLY HUMBOLDT
PLY114 G14 PARKING EXPANSION
4TH & B STREET, ARCATA, CALIFORNIA

ENLARGED GRADING PLAN

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025149	CHK
	JSO

C4 2



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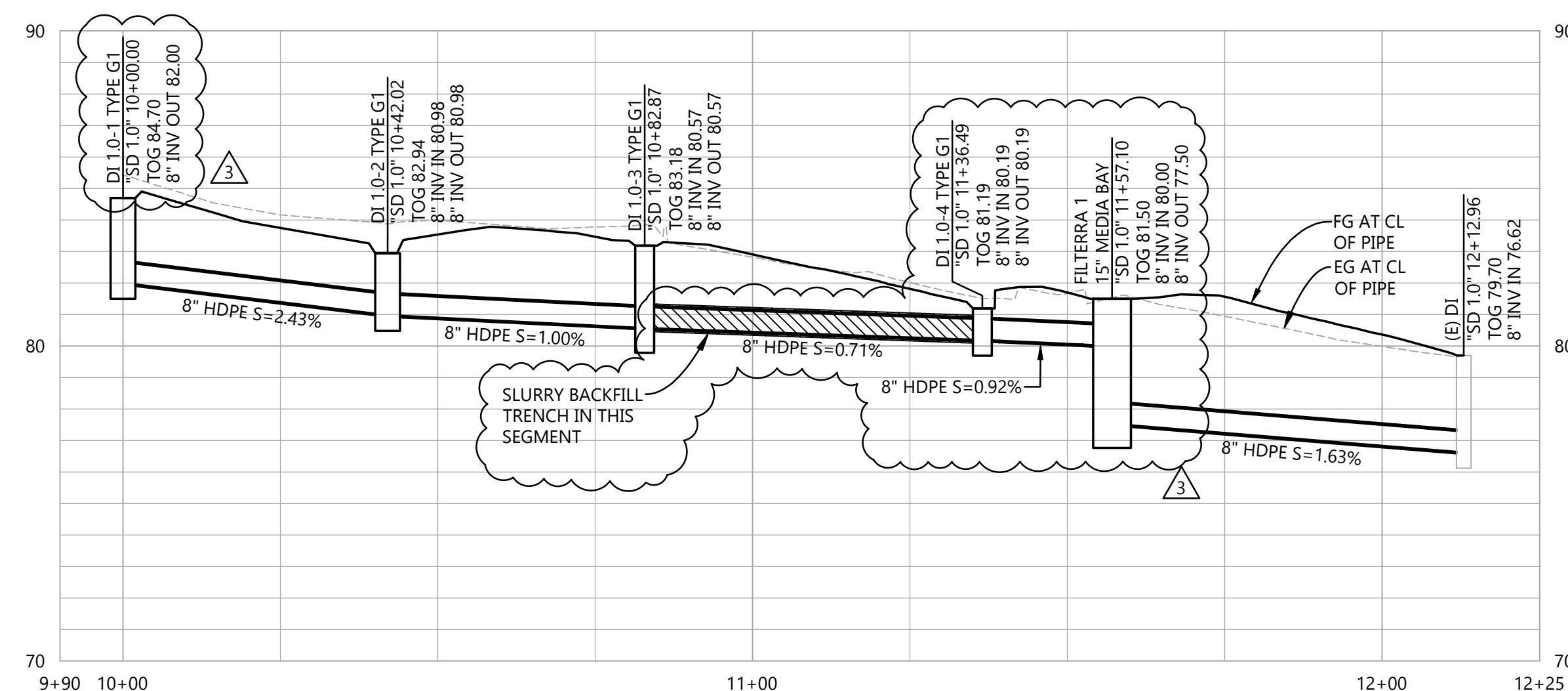
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PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

STORM DRAIN PLAN

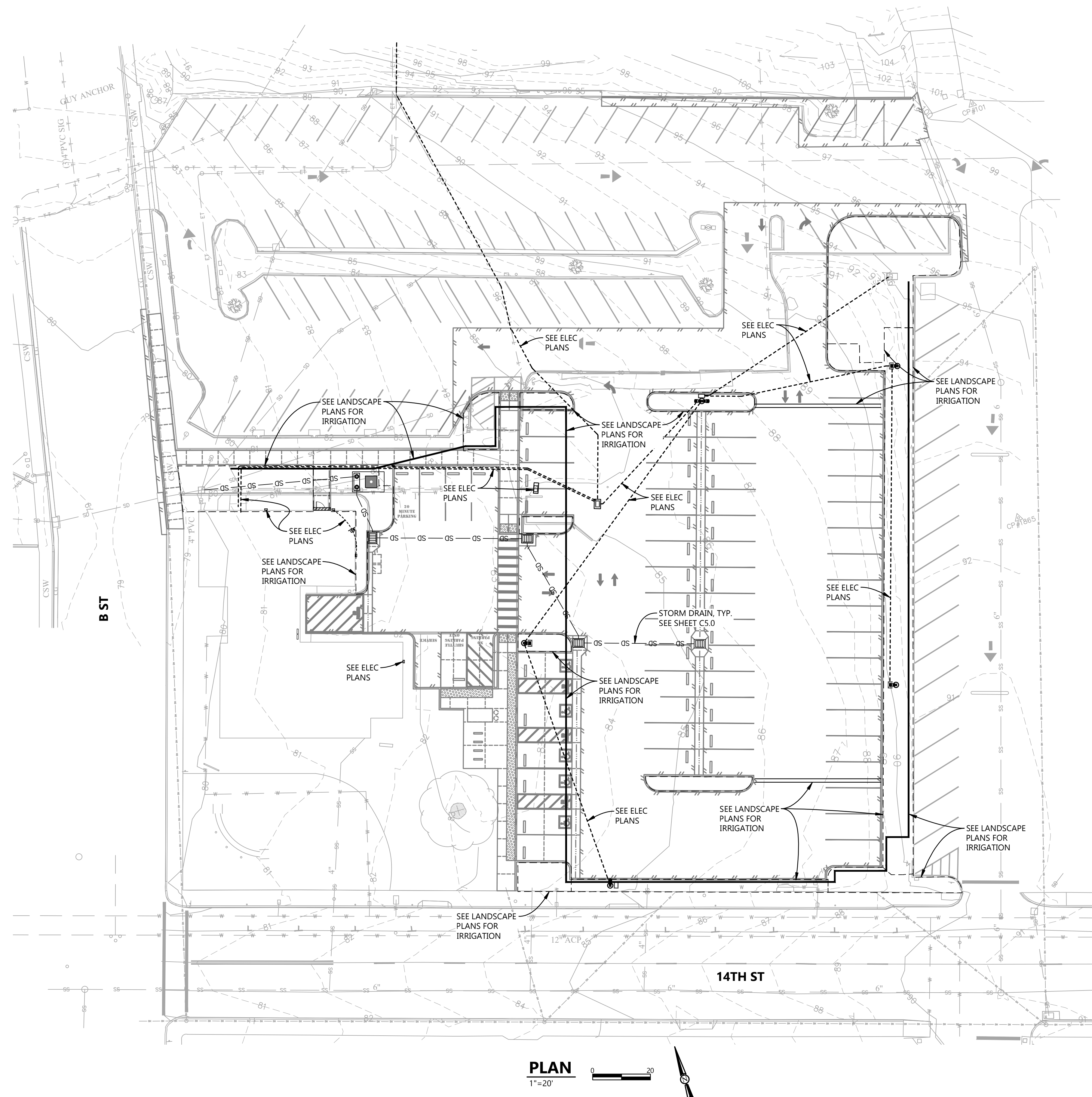
DATE	DSGN	KWR
02/2026	DR	CDN/JWF
PROJ. NO.	CHK	JSO
025149		

C5.0


$$\frac{1''}{10}$$


"SD 1.0" PROFILE

$$1'' = 20' H$$
 $1'' = 4' V$



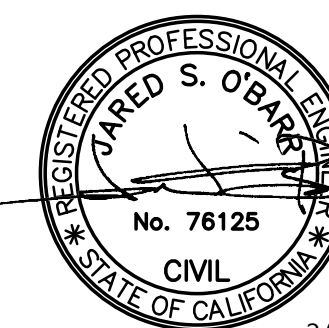
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14TH & B STREET, ARCATA, CALIFORNIA

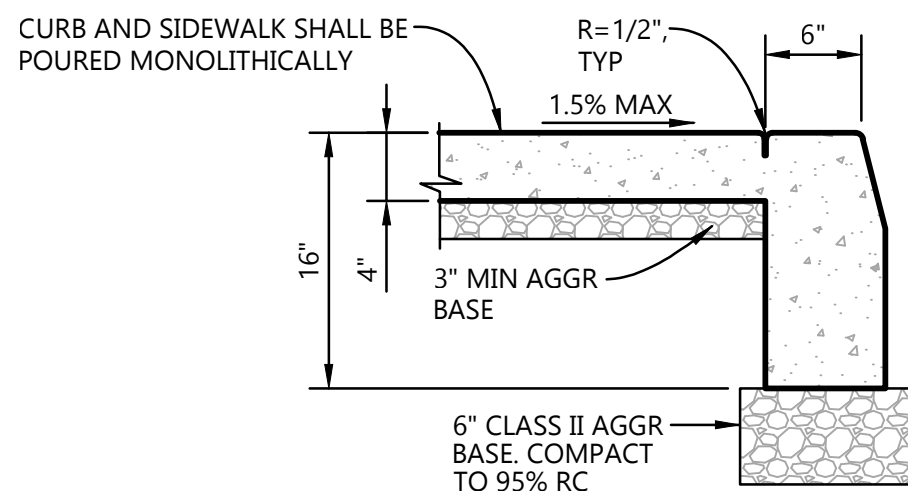
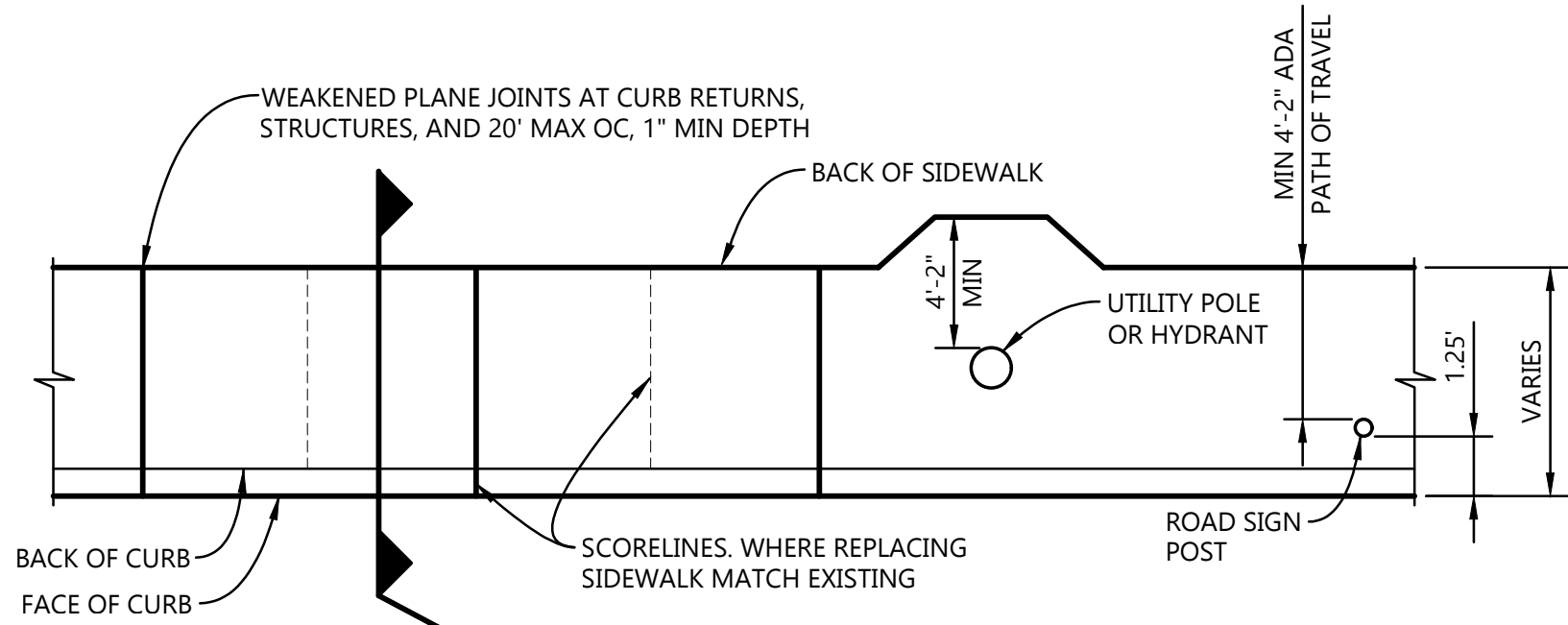
UTILITY PLAN

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

SHEET

C6.0



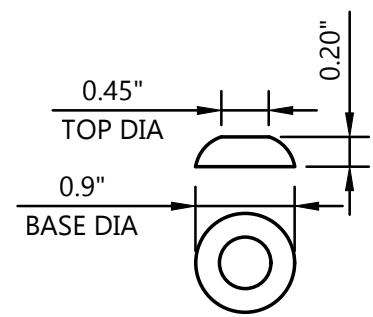


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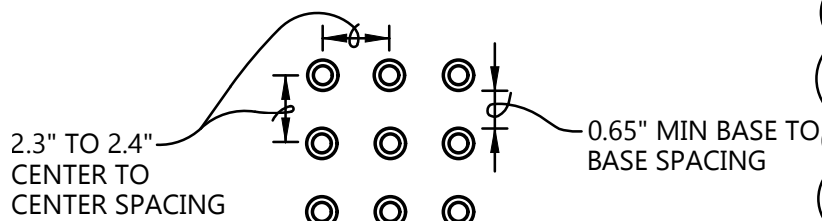
1. MINIMUM WIDTH OF CLEAR PASSAGEWAY FOR SIDEWALK SHALL BE 4'-2".
2. ALL ROUNDED CORNERS TO BE 1/2" RADIUS UNLESS OTHERWISE SPECIFIED.
3. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX 3/4" AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
4. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK, DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING. USE #3 REBAR AT 12" ON CENTER.

SIDEWALK AND CURB

NTS



RAISED TRUNCATED DOME



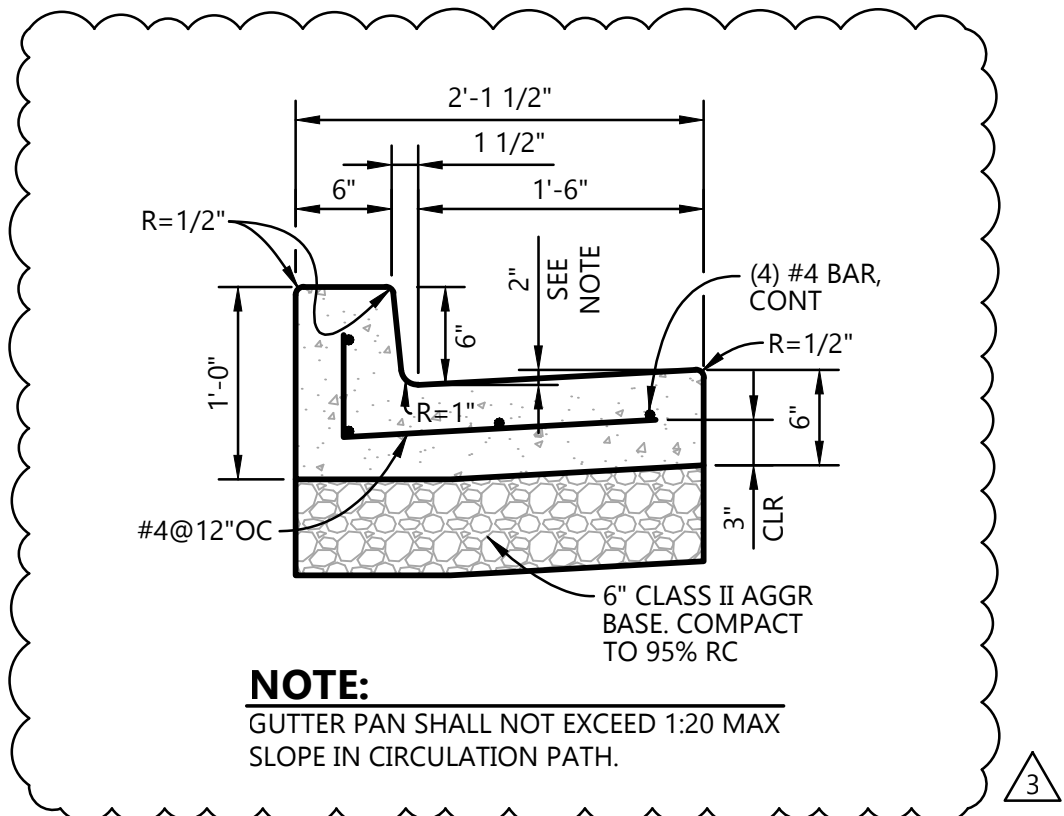
**RAISED TRUNCATED DOME
PATTERN (IN-LINE)**

NOTES:

1. LANDING SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THIS PLAN AND THE REQUIREMENTS IN THE SPECIAL PROVISIONS.
2. IN AREAS OF NEW CONCRETE, RIGID DETECTABLE WARNING SURFACE SHALL BE WET SET IN CONCRETE.
3. AT EXISTING CONCRETE, CONTRACTOR SHALL INSTALL A HARD MAT STYLE DETECTABLE WARNING SURFACE WITH AN EPOXY ADHESIVE AND CONCRETE SCREWS, PER THE MANUFACTURER'S RECOMMENDATIONS. PRIOR TO INSTALLATION, CONTRACTOR SHALL SCOUR THE EXISTING CONCRETE USING A GRINDER.
4. WHEN MULTIPLE STRIPS OF TRUNCATED DOMES ARE PLACED, SPACING OF DOMES SHALL REMAIN CONSISTENT BETWEEN INDIVIDUAL STRIPS.
5. DETECTABLE WARNINGS SHALL BE LOCATED 6" MINIMUM AND 8" MAXIMUM FROM THE DEMARCATION LINE AT THE STREET OR TRAFFIC WAY.

DETECTABLE WARNING SURFACE

NTS



NOTE:

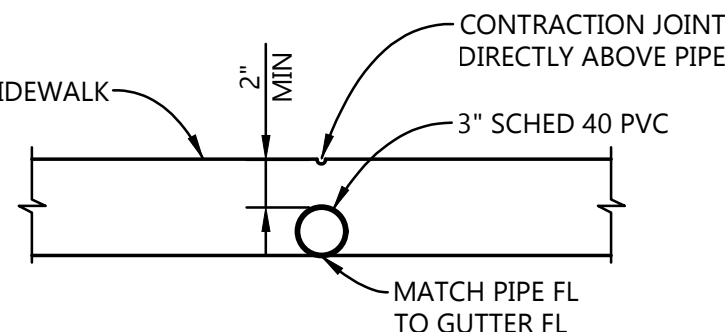
GUTTER PAN SHALL NOT EXCEED 1:20 MAX SLOPE IN CIRCULATION PATH.

CURB AND GUTTER

NTS

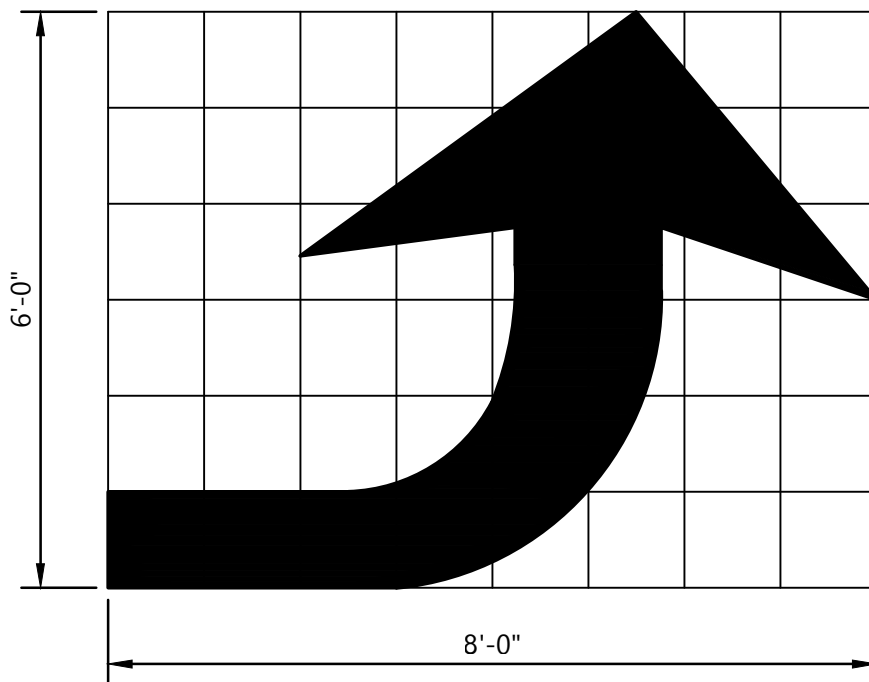
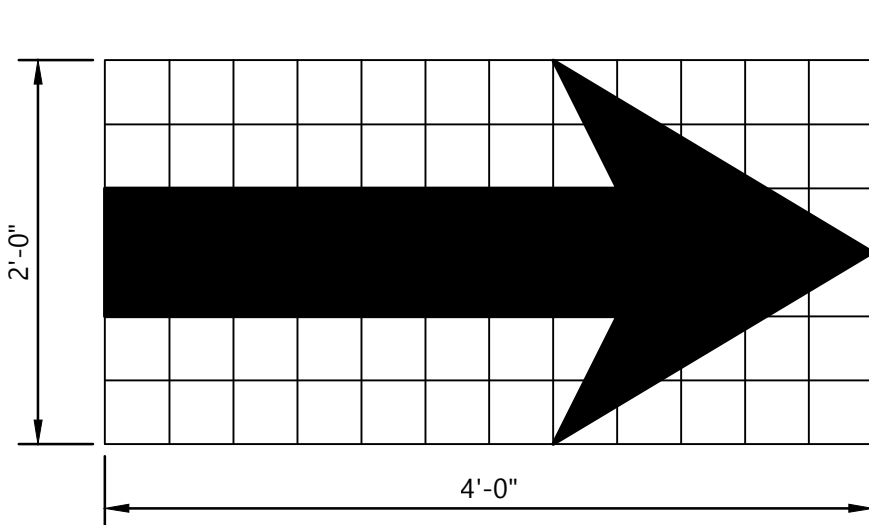
3" PVC CURB DRAIN

NTS



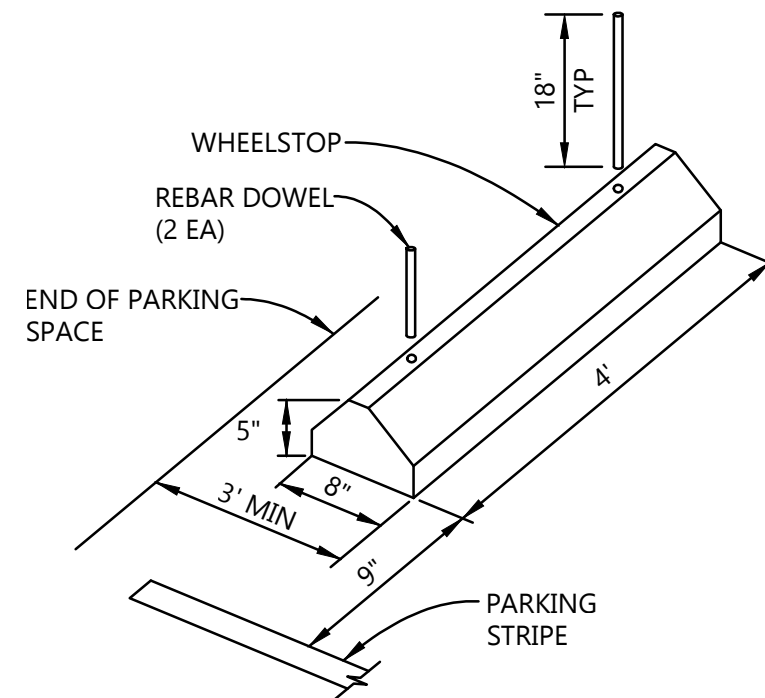
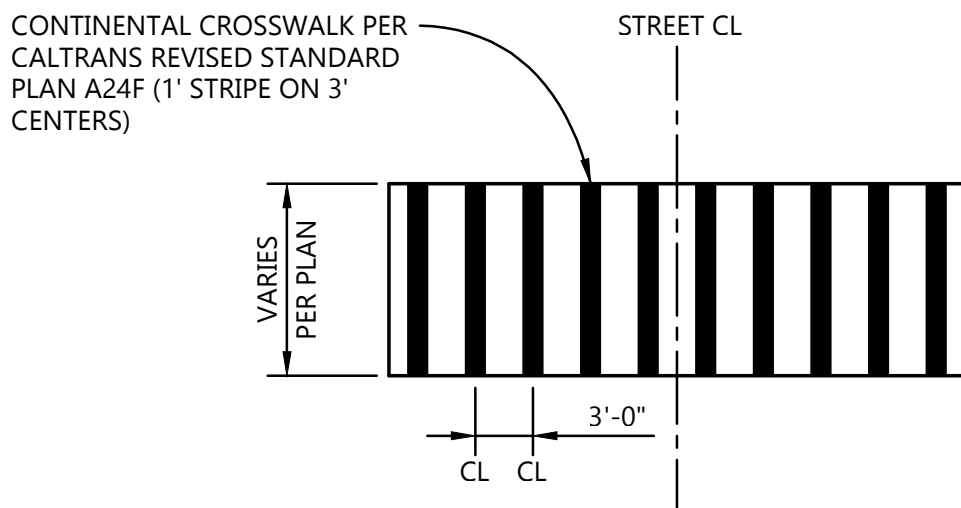
PAVEMENT MARKINGS

NTS



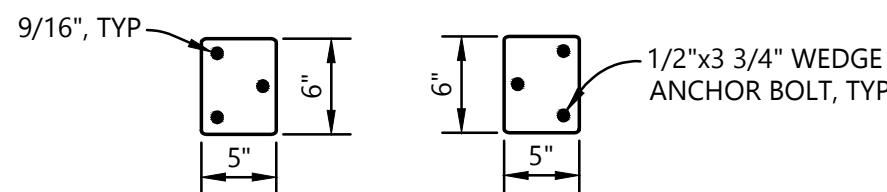
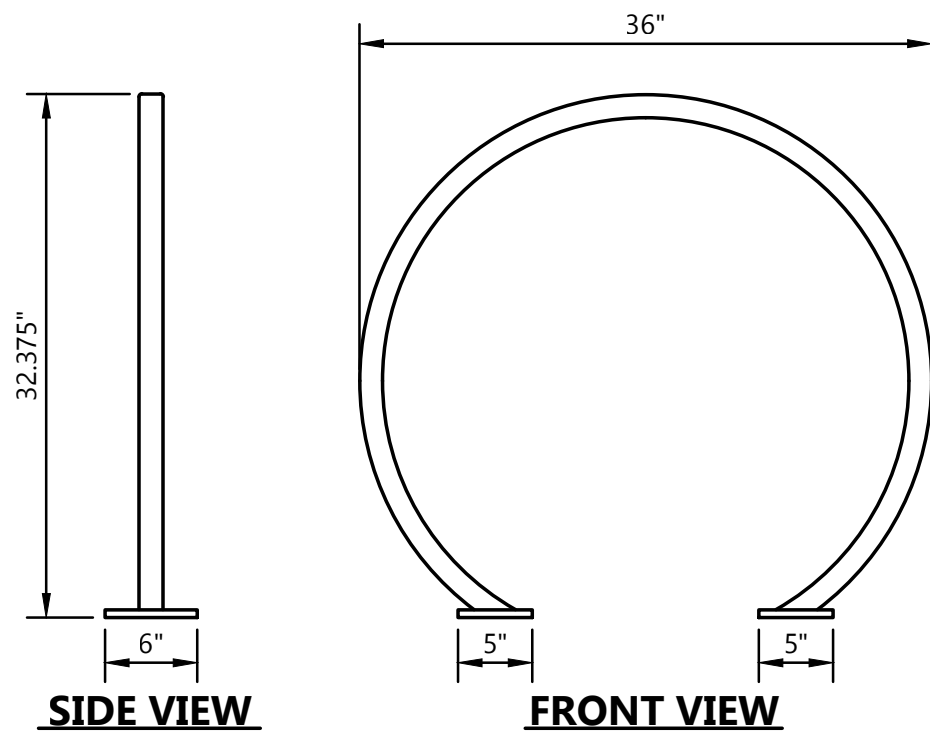
NOTE:

1. COORDINATE LAYOUT AND STENCIL WITH UNIVERSITY STANDARDS.



CROSSWALK

NTS



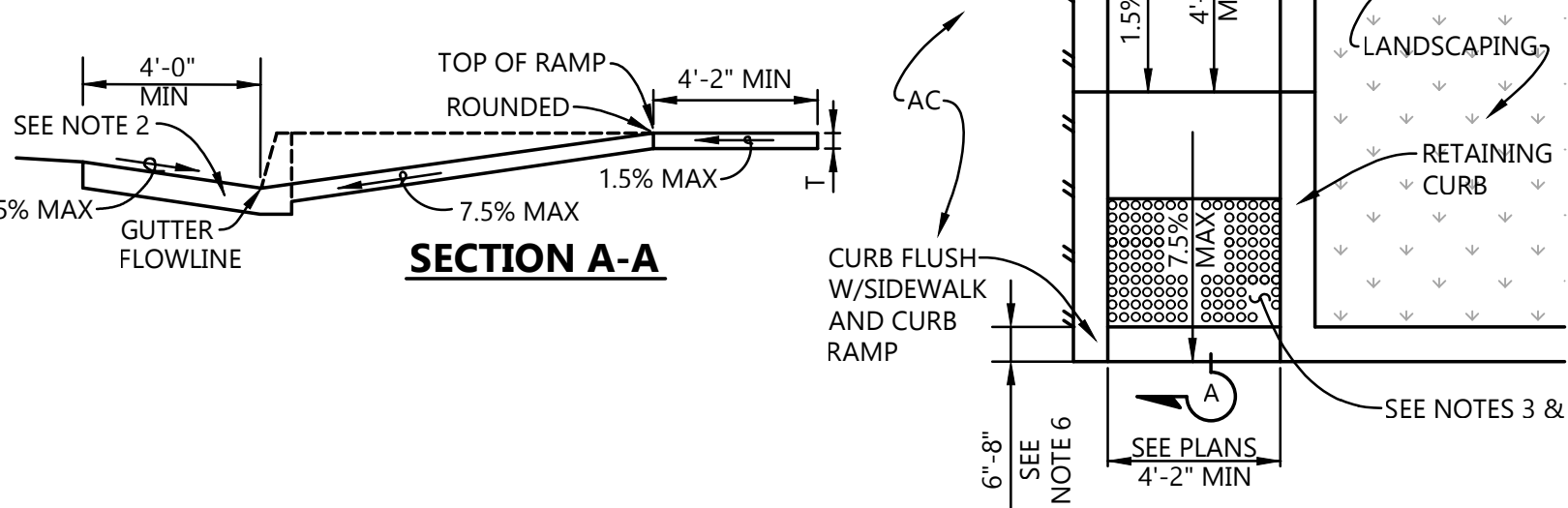
FLANGE TOP VIEW

NOTES:

1. BLACK POWDER COAT FINISH.
2. 2"x2"x0.188" SQUARE TUBE 304 STAINLESS STEEL ALLOY HOOP.

BIKE RACK

NTS



NOTES:

1. TRANSITIONS FROM RAMPS AND LANDING TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH (NO LIP) AND FREE OF ABRUPT CHANGES.
2. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 48" INCHES (MINIMUM) OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5.0%). GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
3. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.
4. SIDEWALK AND RAMP THICKNESS, "T", SHALL BE 4" MINIMUM.
5. DETECTABLE WARNINGS SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES AND SHALL COMPLY WITH CBC SECTION 11B-705.
6. DETECTABLE WARNING SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6" MINIMUM AND 8" MAXIMUM FROM THE DEMARCATION LINE AT THE FACE OF CURB BETWEEN THE CURB AND GUTTER, STREET OR HIGHWAY.
7. UTILITY PULL BOXES, MANHOLES, VAULTS AND ALL OTHER UTILITY FACILITIES WITHIN THE BOUNDARIES OF THE CURB RAMP WILL BE RELOCATED OR ADJUSTED TO GRADE BY THE OWNER PRIOR TO, OR IN CONJUNCTION WITH, CURB RAMP CONSTRUCTION.
8. AC OVERLAY OR ROAD RECONSTRUCTION WILL REQUIRE EXISTING CURB RAMPS TO BE BROUGHT UP TO CURRENT ADA STANDARDS AS SHOWN ABOVE.
9. BOTTOM LANDINGS THAT EXTEND INTO VEHICULAR PATH OF TRAVEL OR ARE SUBJECT TO VEHICULAR TRAVEL SHALL BE MINIMUM 6" THICK. ALL LANDINGS SHALL BE DOWELED INTO CURB, OR POURED MONOLITHICALLY.

CURB RAMP

NTS



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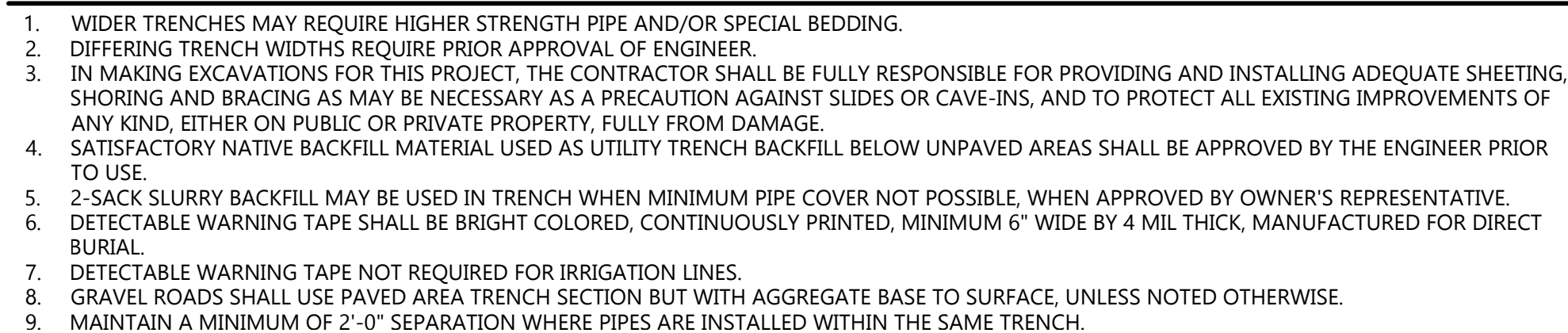
NO.	DATE	REVISION
3	04/21/26	ADDENDUM 3

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

DETAILS

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

C7.1



1. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND NORMAL CUTTER GRADE LINE UNDEPRESSED.
2. 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.
3. 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.
4. THE MAXIMUM SPACING 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.
5. PIPES CAN BE PLACED IN ANY WALL.
6. BASIN FLOORS SHALL HAVE WOOD TROWEL FINISH AND A MINIMUM SLOPE OF 1:23 FROM ALL DIRECTIONS TOWARDS THE OUTLET PIPE.
7. GRATES AND GRATE FRAMES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
8. SET INLET SO THAT GRATE BARS ARE PARALLEL TO DIRECTION OF PRINCIPAL SURFACE FLOW.
9. ALL INLETS SHALL BE CAST-IN-PLACE.
10. 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.
11. ALL CONNECTIONS SHALL BE IN SIDE OR BACK WALL, NO CORNER CONNECTION. LARGER BOX MAY BE REQUIRED.

POLYPROPYLENE PLASTIC

1/2" DIA STEEL (60 KSI)

STEP DETAIL

NTS

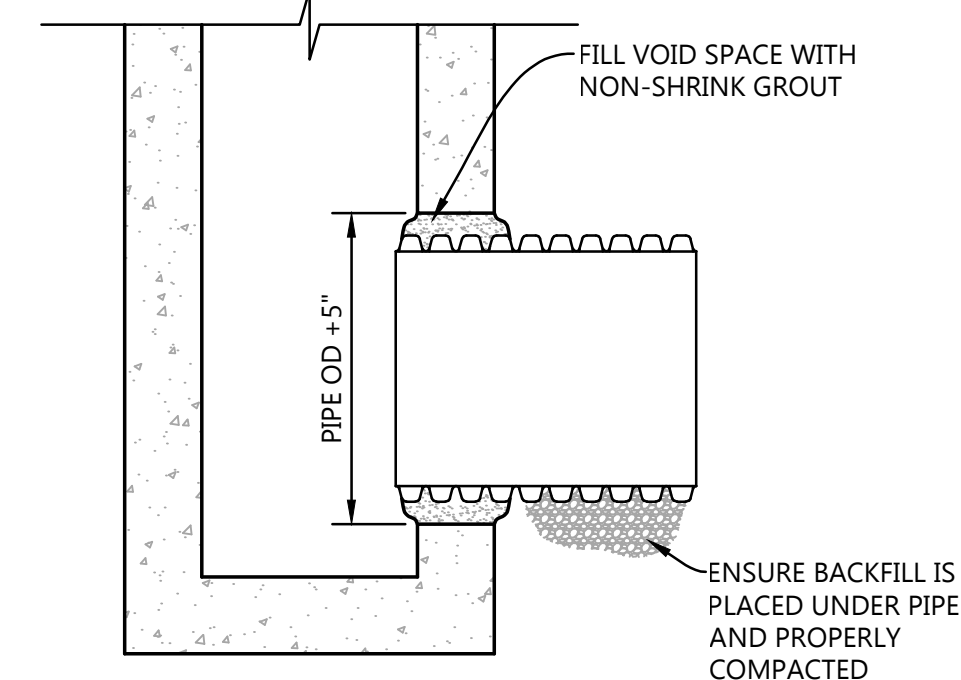


NTS

NTS



1. FITTINGS SHALL BE USED AT ALL BENDS IN PIPELINE ALIGNMENTS
2. 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.
3. CONTRACTOR TO DETERMINE SPECIFIC FITTINGS REQUIRED TO COMPLETE THE INSTALLATION AS SHOWN ON THE PLANS.
4. FITTINGS SHALL MATCH THE PIPE TYPE (WATER-TIGHT OR SOIL-TIGHT), AND SHALL BE BELL/BELL TYPE.
5. FITTINGS SHALL MATCH THE PIPE TYPE (N-12 VS HP).



INSTALLATION

NTS

NTS

DETAILS

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

DATE	DSGN
02/2026	KWR
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	JSO

C7.2



1. 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.
2. 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 R7-8 SIGN SHALL BE MOUNTED BELOW THE R99B (CA) PLAQUE OR THE R99C (CA) SIGN.
3. 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.
4. SURFACE SLOPES OF ACCESSIBLE OFF-STREET PARKING STALLS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2 PERCENT IN ANY DIRECTION.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. ACCESSIBLE PARKING ONLY SIGN SHALL BE SIGN R99C (CA) OR SIGN R99 (CA) WITH PLAQUE R99B (CA).
11. SLOPE SHALL NOT EXCEED 2% IN ANY DIRECTION.



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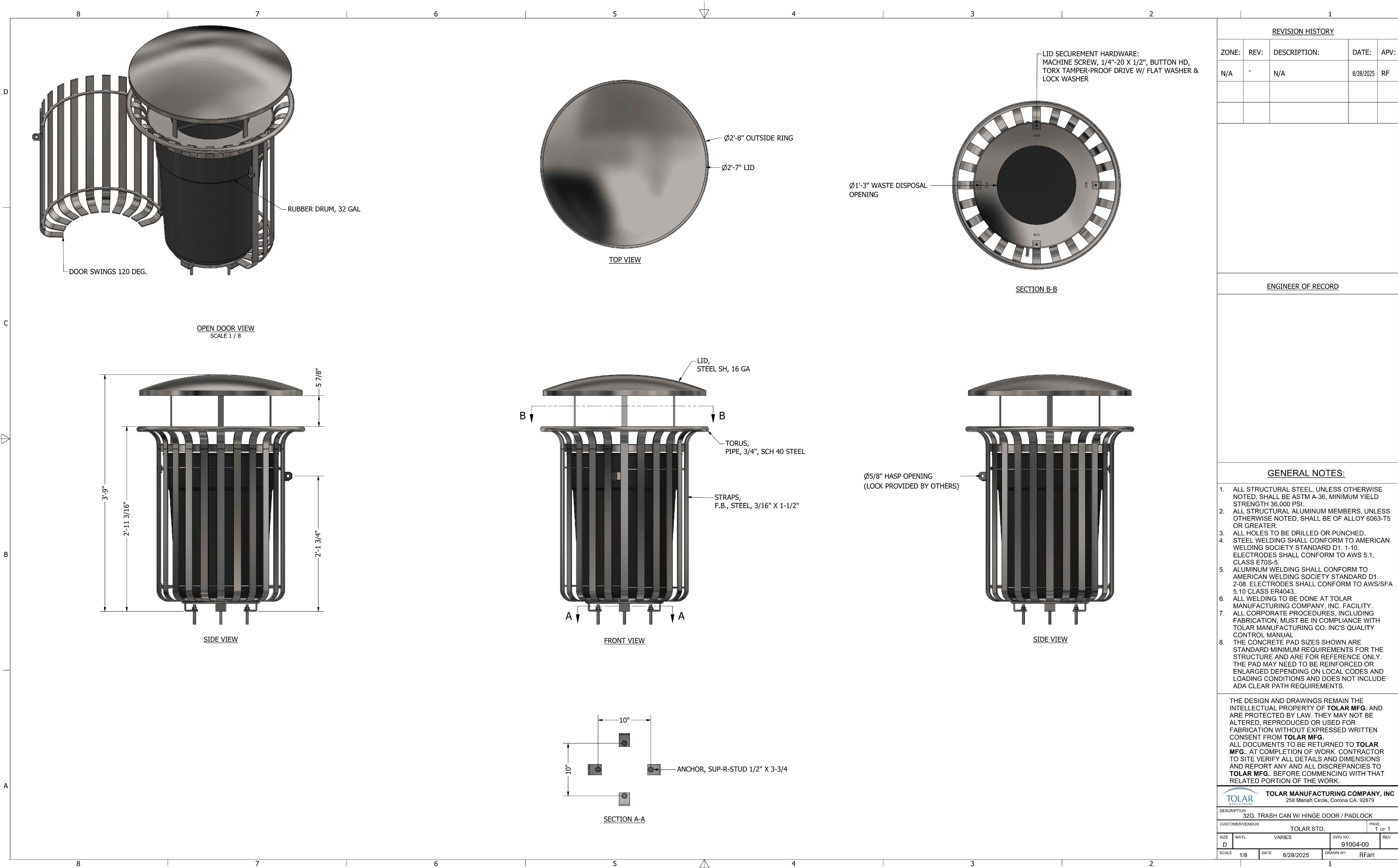
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PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

DETAILS

DATE	DSGN	KWR
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025149		
SHEET		

C7.3

SAVED: 4/20/2026 10:24 AM CNEWELL, PLOTTED: 4/21/2026 10:12 AM NEWELL, CHRIS
P:\Eureka\2025\025149-CPH-G14-Parking-Lot\Drawings\025149-DTLs.dwg



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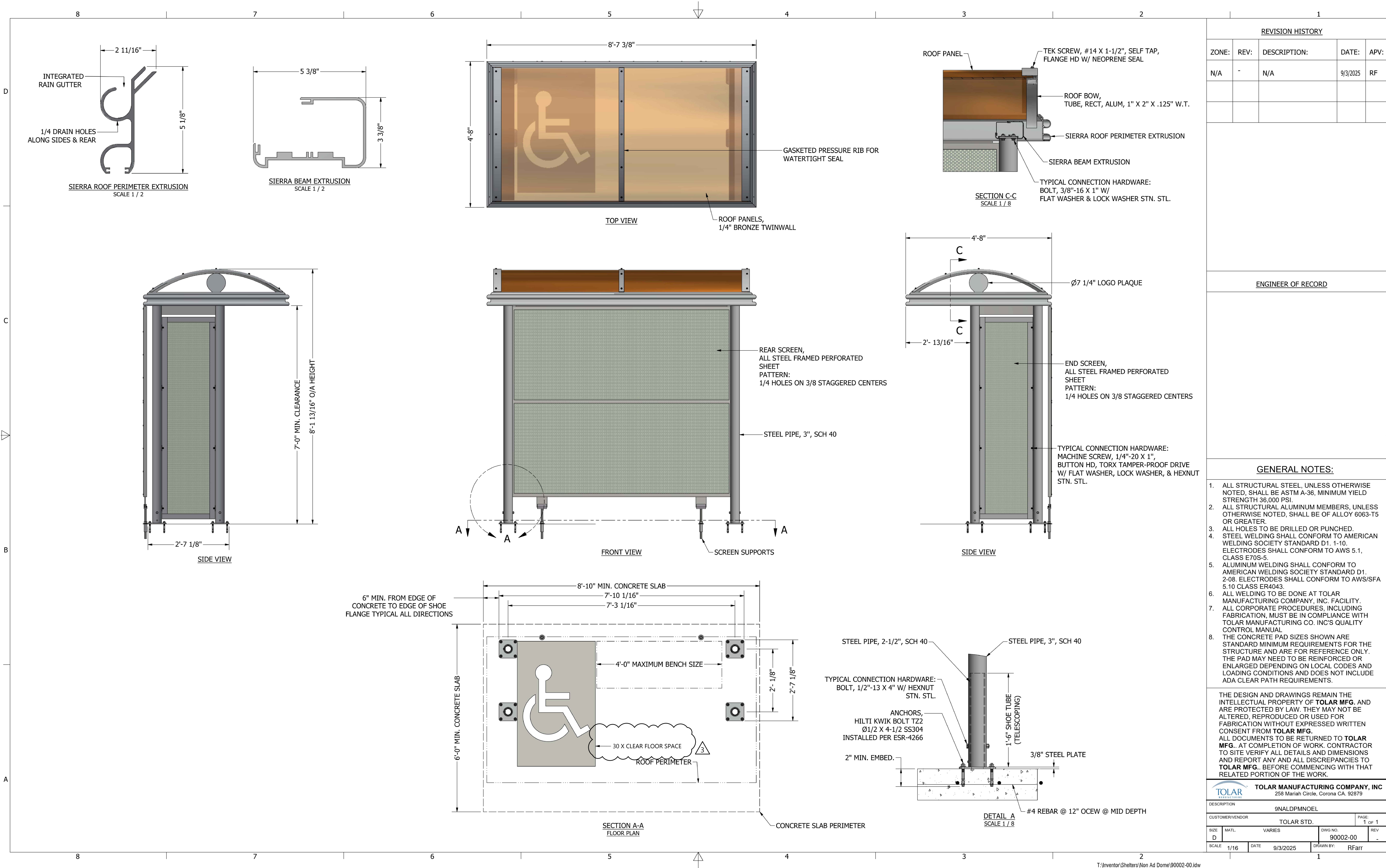
CAL POLY HUMBOLDT
PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

DETAILS

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

C7.4

SAVED: 4/20/2026 10:24 AM CNEWELL - PLOTTED: 4/21/2026 10:12 AM NEWELL, CHRIS
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PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

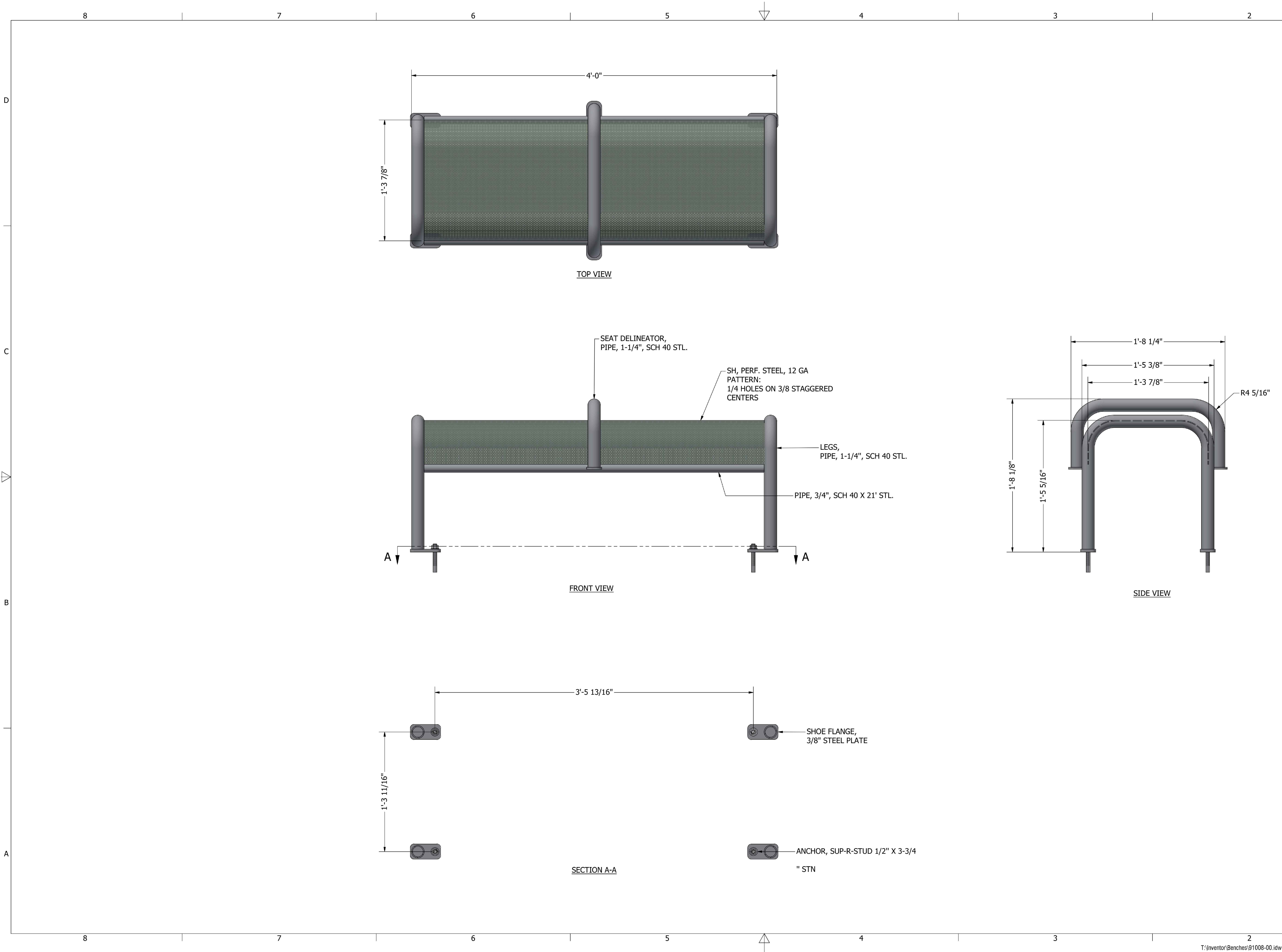
DETAILS

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

SHEET

C7.5

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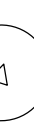
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PLY114 G14 PARKING EXPANSION
14TH & B STREET, ARCATA, CALIFORNIA

DETAILS

DATE	02/2026	DSGN	KWR
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		CHK	JSO

SHEET

C7.6

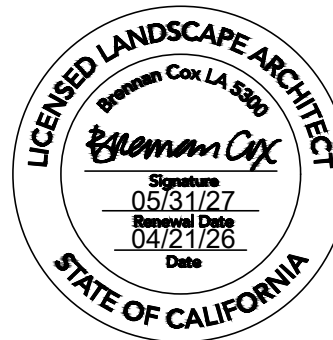
MASTER PLANT SCHEDULE				
PERENNIALS	QTY	SIZE	CODE	BOTANICAL NAME
	64	1 GAL	AQU FOR	AQUILEGIA FORMOSA
	15	1 GAL	POL MUN	POLYSTICHUM MUNITUM
SHRUBS				
	28	5 GAL	ARC UVA	ARCTOSTAPHYLOS UVA-URSI 'POINT REYES'
	28	5 GAL	CEA DAR	CEANOTHUS 'JULIA PHELPS'
	51	5 GAL	MAH REP	MAHONIA REPENS
	2	5 GAL	RHA CAL	RHAMNUS CALIFORNICA
	18	5 GAL	RIB VIB	RIBES VIBURNIFOLIUM
GRASSES				
	66	1 GAL	CAR DEN	CAREX Densa
	51	1 GAL	FES CAL	FESTUCA CALIFORNICA
	45	1 GAL	LEY CON	LEYMUS CONDENSATUS
	211	1 GAL	FES SIS	FESTUCA 'SISKIYOU BLUE'
TREES				
	8	24" BOX	ACE CIR	ACER CIRCINATUM
	2	24" BOX	CEA RAY	CEANOTHUS 'RAY HARTMAN'
	1	24" BOX	CER OCC	CERCIS OCCIDENTALIS
	10	24" BOX	LYO FLO	LYONOTHAMNUS FLORIBUNDUS SSP. ASPLENIIFOLIUS
	3	24" BOX	QUE AGR	QUERCUS AGRIFOLIA
	8	24" BOX	COR NUT	CORNUS NUTTALLII
	7	24" BOX	CEA SNO	CEANOTHUS THYRSIFLORUS 'SNOW FLURRY'



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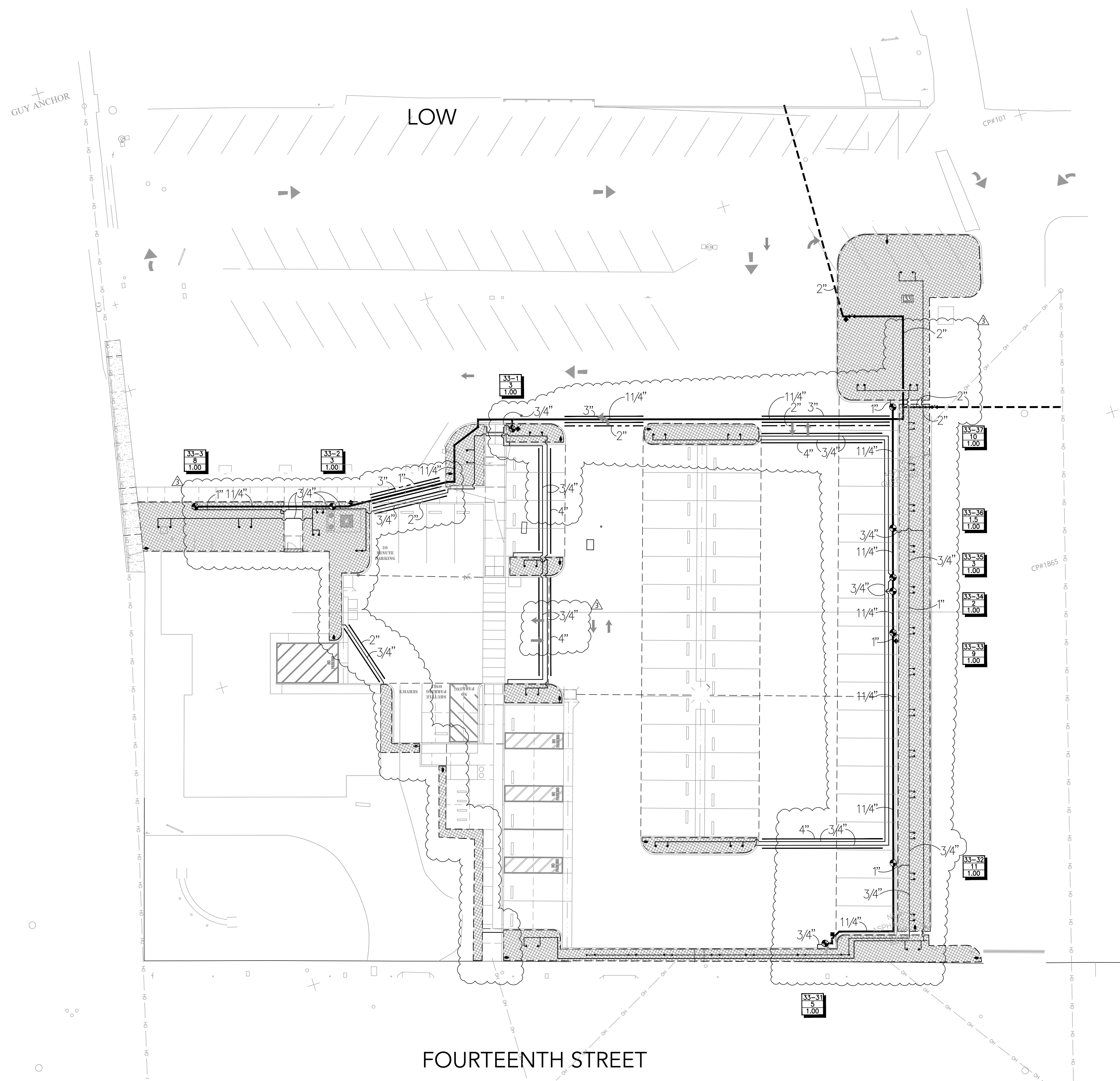
CAL POLY HUMBOLDT
PLY114 G14 Parking Expansion
14th & B Street, Arcata, CA

PLANTING PLAN G14-100% CD

DATE	DSGN	AE
04/21/26	DR	AE
PROJ. NO.	CHK	SP
G14		

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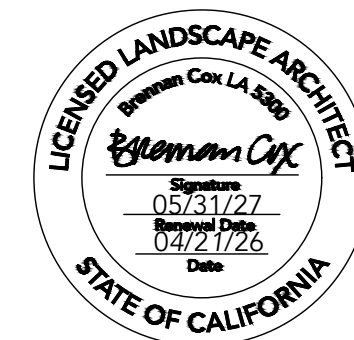


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CAL POLY HUMBOLDT
XPL344 PARKING LOT G11 IMPROVEMENTS
HARPST AND ROSSOW, STREET, ARCATA, CA

IRRIGATION PLAN
G14-100%CD

DATE	DSGN	AB
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PROJ. NO.	CHK	SP
G14		

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SAVED: 4/20/2026 12:15 PM OWNER, PLOTTED: 4/20/2026 1:29 PM OWNER
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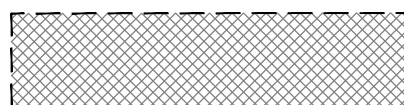
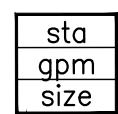


NORTH 

SCALE 1"=20'-0"

A horizontal number line with tick marks every 2 units. The numbers 0, 10, 20, and 40 are labeled below the line. There are 5 tick marks between 0 and 10, 5 between 10 and 20, and 10 between 20 and 40.

IRRIGATION SYSTEM LEGEND

	EXISTING CONTROLLER EXISTING IRRIGATION SUPPLYLINE	-RAINBIRD-PESB SERIES -RAINBIRD-33DRC -NIBCO-T113-K-LINE SIZE -RAINBIRD-XCZ-XXX-PRB-COM -SEE DETAIL
	REMOTE CONTROL VALVE QUICK COUPLING VALVE GATE VALVE DRIP ZONE KIT DRIP FLUSH VALVE	-RAINBIRD-1401
	IRRIGATION SUPPLYLINE IRRIGATION LATERAL LINE	-1120/SCHEDULE 40 PVC PIPE -18" COVER -1120/SCHEDULE 40 PVC PIPE -12" COVER
	SUBSURFACE DRIPLINE	-NETAFIM-TLHCVXR5-18-10 -4" COVER
	SLEEVING ELECTRICAL CONDUIT	-1120/SCHEDULE 40 PVC PIPE -24" COVER -PVC SCHEDULE 40 ELECTRICAL -24" COVER
	CONTROLLER-STATION NUMBER GALLONS PER MINUTE THROUGH VALVE CONTROL VALVE SIZE	

IRRIGATION SYSTEM NOTES

1. IRRIGATION SYSTEM IS DESIGNED FOR A MAXIMUM OF 15 G.P.M. AT 60 P.S.I. AT THE POINT OF CONNECTION PRIOR TO INSTALLATION OF THE IRRIGATION SYSTEM. NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCIES IN PRESSURE.
2. NOTIFY OWNERS REPRESENTATIVE SIX (6) DAYS PRIOR TO INSTALLATION FOR A PRE-INSTALLATION CONFERENCE AND FIELD REVIEW COORDINATION FOR TRENCH DEPTHS, ASSEMBLY REVIEW, PRESSURE TESTS, COVERAGE TESTS, PRE- MAINTENANCE AND FINAL REVIEWS. A CONTINUITY TEST WILL BE REQUIRED FOR CONTROL WIRE STUBOUTS. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE.
3. CONNECT TO EXISTING WATER SOURCE AND IRRIGATION CONTROLLER TO BE DETERMINED.
4. INSTALL EQUIPMENT AS DETAILED. INSTALL R.C.V. ID TAGS MANUFACTURED BY T. CHRISTY ENT. STANDARD SIZE, 1 1/8" HOT STAMPED BLACK LETTERS ON YELLOW BACKGROUND ON SOLENOID WIRES. LETTERS TO CONFORM TO CONTROLLER/STATION NUMBER.
6. IRRIGATION HEADS SHALL HAVE RISER ASSEMBLIES AS DETAILED.
7. PIPE AND WIRING UNDER PAVEMENT SHALL BE INSTALLED AT A TWENTY-FOUR INCH (24") DEPTH BELOW GRADE. PIPE AND WIRING UNDER PAVEMENT SHALL BE INSTALLED IN PVC SCHEDULE 40 SLEEVING AND ELECTRICAL CONDUIT. SLEEVING AND ELECTRICAL CONDUIT SHALL EXTEND TWELVE INCHES (12") BEYOND EDGE OF PAVEMENT OR CURB. INSTALL SAND FOR BACKFILL IN VEHICULAR PAVEMENT AREAS TO 6" COVER ABOVE PIPE. SURROUND PIPE WITH SAND IN AREAS WHERE ROCKY TERRAIN IS ENCOUNTERED.
8. CONTROL CABLE BETWEEN CONTROLLER AND TWO-WIRE DECODERS SHALL BE HUNTER ID1 WIRE. VALVE CONTROL WIRE BETWEEN DECODERS AND SOLENOID SHALL BE MINIMUM NO. 14 AWG COPPER UL APPROVED FOR DIRECT BURIAL IN GROUND. CONNECT WIRES WITH 3M DBY CONNECTORS PER MANUFACTURERS SPECIFICATIONS. EACH WIRE AT VALVES SHALL HAVE 24" EXCESS COILED LOOP IN VALVE BOXES. TAPE WIRES IN BUNDLES EVERY TEN FEET IN PLANTING AREAS.
9. PRIOR TO INSTALLATION OF SUBSURFACE DRIP SYSTEMS REVIEW DRIP COMPONENTS, EQUIPMENT AND INSTALLATION TECHNIQUES WITH MANUFACTURERS REPRESENTATIVE. SPECIAL ATTENTION SHALL BE PAID WHEN COORDINATING INSTALLATION OF PLANT MATERIALS AND DRIP SYSTEM. AVOID CONFLICTS BETWEEN INSTALLATION OF EMITTERLINE AND PLANT LOCATIONS. IF CONFLICTS OCCUR, THEN PLANT INSTALLATION LOCATIONS SHALL HAVE PRIORITY. LAYOUT SHOWN IS DIAGRAMMATIC ONLY. INSTALL SPECIFIED SUBSURFACE DRIPLINE AS DETAILED AND PER MANUFACTURERS SPECIFICATIONS.
10. PROVIDE LITERATURE OF DRIP SYSTEM COMPONENTS INCLUDING ANY PREVENTATIVE MAINTENANCE AND TROUBLE SHOOTING GUIDES TO OWNER AND REVIEW MAINTENANCE PROCEDURES INCLUDING:
CLEANING FILTER IN WYE STRAINERS
REPAIRING BREAKS IN PIPES AND RISERS
ADDING EMITTERS OR TUBING FOR EXPANSION/INSTALLING PLUGS
11. MAINTENANCE CONSIDERATIONS:
FILTER CLEANING AND FLUSHING SHOULD START OUT AS A MONTHLY PROCEDURE(MORE FREQUENT FOR DIRTY WATER SITUATIONS) AND ADJUST TIMING AS APPROPRIATE. VISUALLY CHECK FOR INDICATIONS OF PIPE BREAKS OR CLOGGED EMITTERS ON A REGULAR BASIS. DURING WINTER MONTHS, WHEN THE SYSTEM IS NOT IN USE, THE EMITTERLINE SYSTEM(S) SHOULD BE RUN ABOUT EVERY 2 WEEKS FOR 2-4 MINUTE MINIMUM RUNTIME.
12. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING THIS PROJECT.

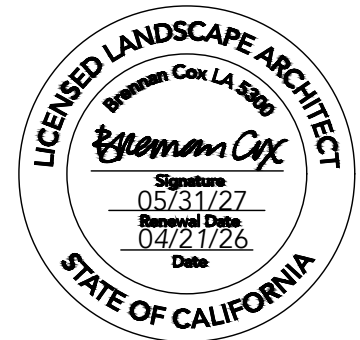


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CAL POLY HUMBOLDT
XPL344 PARKING LOT G11 IMPROVEMENTS
HARPST AND ROSSOW, STREET, ARCATA, CA

IRRIGATION NOTES AND LEGEND

DATE	DSGN	AE
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Post Office Box 3490
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E ray@allconsulting.net

ARTHUR LANDSCAPE
IRRIGATION CONSULTING

LUMINAIRE SCHEDULE							
ID	Manufacturer	Model	Lamp	Luminous Flux	Color Temperature	Apparent Load	Description
S1	LEOTECH	AR18-N SERIES	LED	18000 lm	3000 K	128 VA	EXTERIOR POLE MOUNTED AREA FIXTURE, 23'-0" SQUARE POLE WITH 2'-0" CONCRETE BASE, 96N LED CODE, 347-480V AC, TYPE 3 DISTRIBUTION, DARK BRONZE FINISH, PHOTOCONTROL, MOTION SENSOR WITH L7 LENS, TWIST LOCK SHORTING CAP.
S2	LEOTECH	AR18-N SERIES	LED	18000 lm	3000 K	128 VA	EXTERIOR POLE MOUNTED AREA FIXTURE, 23'-0" SQUARE POLE WITH 2'-0" CONCRETE BASE, 96N LED CODE, 347-480V AC, TYPE 4 DISTRIBUTION, DARK BRONZE FINISH, PHOTOCONTROL, MOTION SENSOR WITH L7 LENS, TWIST LOCK SHORTING CAP.
S3	LEOTECH	AR18-N SERIES	LED	23600 lm	3000 K	170 VA	EXTERIOR POLE MOUNTED AREA FIXTURE, 23'-0" SQUARE POLE WITH 2'-0" CONCRETE BASE, 96N LED CODE, 347-480V AC, TYPE 5 DISTRIBUTION, DARK BRONZE FINISH, PHOTOCONTROL, MOTION SENSOR WITH L7 LENS, TWIST LOCK SHORTING CAP.
S4	LITHONIA	WDGE1	LED	1200 lm	3000 K	10 VA	EXTERIOR WALL PACK, VISUAL COMFORT DISTRIBUTION, MVOLT, SURFACE MOUNTED BRACKET, PHOTOCELL BUTTON TYPE, PROVIDE WITH EMERGENCY BATTERY BACKUP, COORDINATE FINISH WITH OWNER/ARCHITECT.

VOLTAGE DROP BRANCH CIRCUIT TABLE						
		MAXIMUM ALLOWED RUN LENGTH (FT)				
VOLT	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
	16	60	100	150	250	400

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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ELECTRICAL LEGEND AND SCHEDULES

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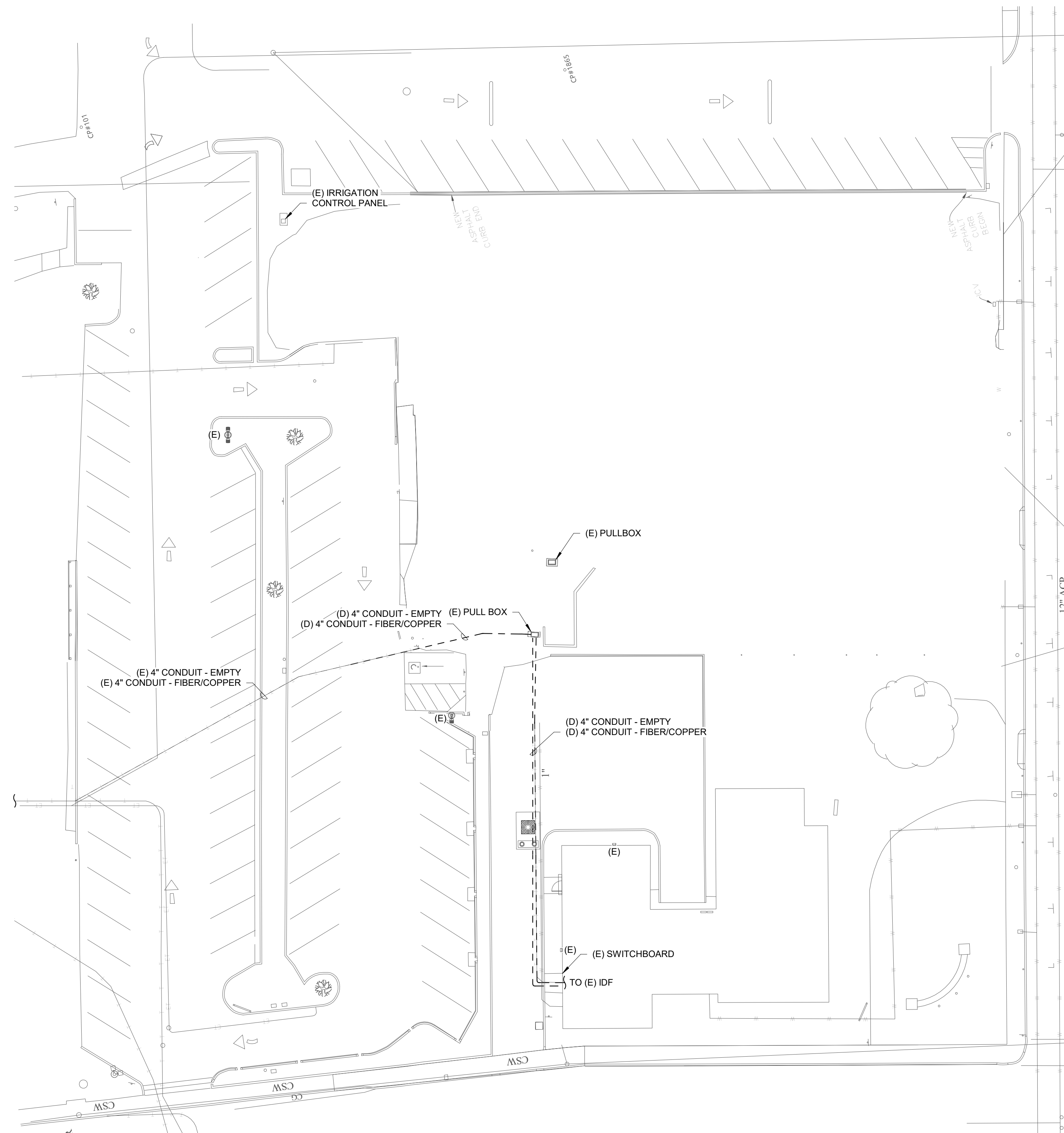
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ELECTRICAL LEGEND AND ABBREVIATIONS

RACEWAY		CONDUIT; EXPOSED ON WALL OR CEILING	
		CONDUIT; CONCEALED	
		CONDUIT; TURNED DOWN	
		CONDUIT; TURNED UP	
		CONDUIT HOMERUN; DESTINATION SHOWN. 3/4"C-2#12,#12G, UON.	
		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.	
POWER DISTRIBUTION		SWITCHBOARD, SWITCHGEAR, DISTRIBUTION BOARD, OR MOTOR CONTROL CENTER; FLOOR MOUNTED. PROVIDE WITH HOUSEKEEPING PAD WHERE INDICATED.	
		DISTRIBUTION PANELBOARD, SURFACE MOUNTED ON WALL.	
		PANELBOARD; SURFACE MOUNTED ON WALL.	
		PANELBOARD; RECESSED MOUNTED IN WALL.	
		DRY-TYPE STEP-DOWN TRANSFORMER; FLOOR MOUNTED.	
		ELECTRIC MOTOR; HORSEPOWER INDICATED.	
		PULLBOX	
		ELECTRIC VEHICLE CAPABLE PULLBOX	
		ELECTRIC VEHICLE SUPPLY EQUIPMENT	
		FUSED SAFETY DISCONNECT SWITCH; 3-POLE UON. WP WHERE INDICATED.	
		NON-FUSED SAFETY DISCONNECT SWITCH; 3-POLE UON. WP WHERE INDICATED.	
		MAGNETIC MOTOR STARTED WITH INTEGRATED OVERCURRENT PROTECTION. ADJACENT NUMBER INDICATES NEMA SIZE OF STARTER. HANDLE DENOTES INTEGRATED DISCONNECT.	
		VARIABLE FREQUENCY DRIVE FURNISHED UNDER ANOTHER DIVISION. INSTALL VFD AND PROVIDE POWER SERVICE CONNECTION. HANDLE DENOTES INTEGRATED DISCONNECT.	
		GROUP-MOUNTED MOLDED CASE CIRCUIT BREAKER; BREAKER RATING AND NUMBER OF POLES AS SHOWN ON DRAWINGS.	
		LSI: INDICATES ADJUSTABLE MAGNETIC OR ELECTRONIC TRIP.	
		LSIG: INDICATES ADJUSTABLE MAGNETIC OR ELECTRONIC TRIP WITH INTEGRATED GROUND FAULT PROTECTION.	
	WIRING DEVICES		GROUND-MOUNTED FUSED DISCONNECT SWITCH OR BOLTED PRESSURE CONTACT SWITCH.
		GROUND FAULT RELAY; INTEGRAL WITH CIRCUIT BREAKER	
		SHUNT-TRIP INTEGRAL WITH OVERCURRENT PROTECTION DEVICES	
		KIRK-KEY INTERLOCK; INTEGRAL WITH OVERCURRENT PROTECTION DEVICES. ADJACENT NUMBER CORRESPONDS WITH DEVICE INTERLOCK.	
		PRIVATE METER; MOUNTED INTEGRAL WITH OVERCURRENT PROTECTION OR SEPARATE WITHIN SWITCHGEAR.	
		UTILITY METER; MOUNTED IN UTILITY SECTION OF SWITCHGEAR OR SWITCHBOARDS.	
		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.	
TELECOMMUNICATIONS / AUDIOVISUAL			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.	
	LIGHTING		LUMINAIRE; RECESSED IN CEILING.
			LUMINAIRE; SURFACE MOUNTED.
			LUMINAIRE; SUSPENDED LINEAR. SUSPENSION POINTS ARE GRAPHIC AND DO NOT REPRESENT ACUTAL LOCATIONS OR QUANTITY.
			ROUND DOWNLIGHT LUMINAIRE; RECESSED IN CEILING.
			SQUARE DOWNLIGHT LUMINAIRE; RECESSED IN CEILING.
			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.
	LIGHTING CONTROLS		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.
			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.
TELECOMMUNICATIONS / AUDIOVISUAL		OCCUPANCY SENSOR FOR AREA COVERAGE; CEILING MOUNTED.	
		DAYLIGHT HARVESTING SENSOR; CEILING MOUNTED.	
		PLUG LOAD CONTROLLER; UL LISTED FOR CONTROLLING RECEPTACLES, 20A RATED.	
		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.	
		FLUSH MOUNTED WALLBOX FOR TELEVISION; WALL MOUNTED, +72" AFF UON. PROVIDE WITH ONE COAXIAL PORT, ONE HDMI AND TWO DATA DROPS, UON.	
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		



GENERAL NOTES:

1. REFER TO CIVIL DEMOLITION PLANS TO COORDINATE SCOPE OF DEMOLITION.



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G14 PARKING LOT IMPROVEMENTS
ARCATA, CALIFORNIA

ELECTRICAL DEMOLITION SITE PLAN

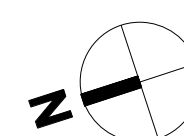
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E1.1



1 ELECTRICAL DEMOLITION SITE PLAN
E.1.1 1" = 20'-0"

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G14 PARKING LOT IMPROVEMENTS
ARCATA, CALIFORNIA

ELECTRICAL DETAILS

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100% CONSTRUCTION DRAWINGS

