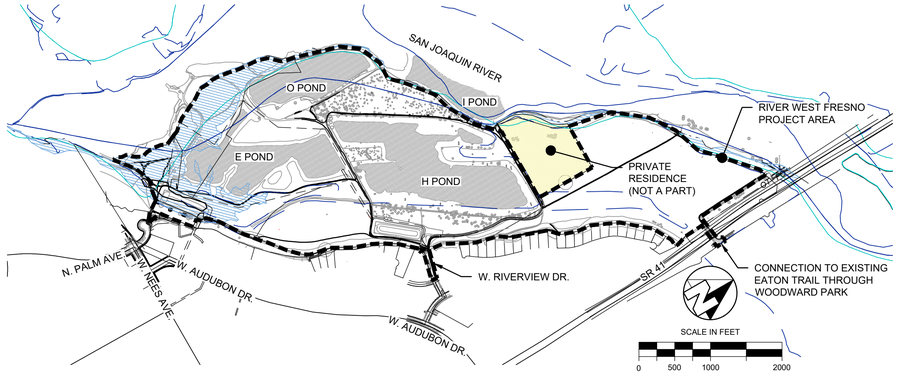
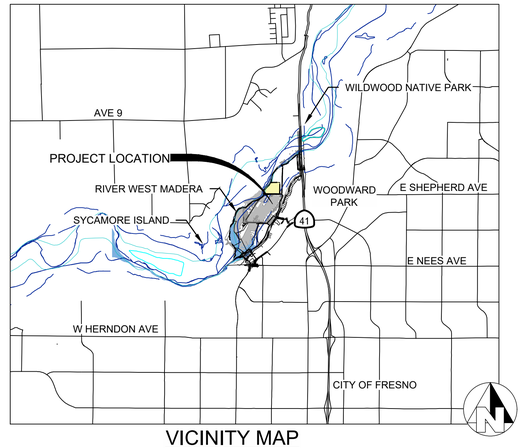
ABBREVIATIONS

AB	AGGREGATE BASE	LL	LANE LINE
AC	ASPHALT CONCRETE	LLC	LIMITED LIABILITY COMPANY
APN	ACCESSOR'S PARCEL NUMBER	LP	LOW POINT
BW	BOTTOM OF WALL	NOS	MEDIAN NOSE
C, TC	TOP OF CURB	NW	NORTHWEST
CNS	COMPACTED NATIVE SOIL	P	PAVEMENT
COF	CITY OF FRESNO	PB	PULLBOX
CON	CONCRETE	PBE	PULLBOX ELECTRIC
CR	CURB RETURN	PBSL	PULLBOX STREET LIGHT
CSLC	CALIFORNIA STATE LANDS COMMISSION	PBT	PULLBOX TELEPHONE
CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD	PBTS	PULLBOX TRAFFIC SIGNAL
DMH	STORM DRAIN MANHOLE	PVC	POLYVINYL CHLORIDE
DW	DRIVEWAY	R	RIGHT
(E)	EXISTING	R/W	RIGHT OF WAY
EL	ELEVATION	S	SLOPE
EMB	ELECTRIC METER BOX	SC	SECTION CORNER
ETL	EDGE TRAVEL LANE	SCD	SEE CIVIL DRAWINGS
EV	ELECTRICAL VAULT	SD	STORM DRAIN
FC	FACE OF CURB	SDMH	STORM DRAIN MANHOLE
FCOR	FRESNO COUNTY OFFICIAL RECORDS	SJRAC	SAN JOAQUIN RIVER ACCESS CORPORATION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	SJRC	SAN JOAQUIN RIVER CONSERVANCY
FG	FINISH GRADE	SJRR	SAN JOAQUIN RUNNING RIVER
FH	FIRE HYRDANT	SL	STREET LIGHT
FL	FLOW LINE	SMH	SANITARY SEWER MANHOLE
FMFCD	FRESNO METROPOLITAN FLOOD CONTROL DISTRICT	STA	STATION
FS	FINISHED SURFACE	ST OF CA	STATE OF CALIFORNIA
G	GUTTER FLOW LINE	TCE	TEMPORARY CONSTRUCTION EASEMENT
GB	GRADE BREAK	TL	TURN LANE
GR	GRATE	TS	TRAFFIC SIGNAL
GVL	GRAVEL	TW	TOP OF WALL
HMA	HOT MIX ASPHALT	TSCB	TRAFFIC SIGNAL CONTROL BOX
HP	HIGH POINT	TYP	TYPICAL
L	LIP OF GUTTER, LEFT	WV	WATER VALVE
LF	LINEAR FEET	VTT	TELEPHONE VAULT
		XWK	CROSSWALK

CITY OF FRESNO

DEPARTMENT OF PUBLIC WORKS
PLANS FOR CONSTRUCTION
OF
PHASE 1: THE "CORE" PROJECT FOR THE RIVER WEST EATON TRAIL EXTENSION





VICINITY MAP
NOT TO SCALE

LINETYPES

LINETYPE EXISTING	LINETYPE PROPOSED	DESCRIPTION
		BACK OF CURB
		FLOW LINE
		LIP OF GUTTER
		SIDEWALK
		FACE OF CURB
		EDGE OF ASPHALT
——o——o——		FENCE (CHAIN LINK)
——□——□——		FENCE (WOOD)
UE		ELECTRIC (BURIED)
G		GAS
IRR		IRRIGATION
SS		SANITARY SEWER
SD		STORM DRAINAGE
UT		TELEPHONE (BURIED)
W	W	WATER
– –	– –	CENTERLINE
		EASEMENT
		RIGHT-OF-WAY
		SAWCUT LINE
XXXXXXXXXXXXXXXXX		DEMO LINE
		WORK LIMITS

SURVEYOR'S NOTE

THE RIGHT OF WAY, PROPERTY LINE, AND EASEMENT INFORMATION SHOWN ON THESE PLANS IS BASED UPON RECORD INFORMATION TIED TO PHYSICAL MONUMENTS ACCORDING TO SURVEY DATA PROVIDED BY THE CITY OF FRESNO, AND WAS PREPARED UNDER THE DIRECTION OF [CLIFFORD HOGG, P.L.S. 9259].

TOPOGRAPHIC SURVEY PERFORMED IN JULY OF 2022 AND SUPPLEMENTED IN DECEMBER OF 2022 BY THE CITY OF FRESNO.

BENCH MARKS

BENCH MARK	DESCRIPTION	USGS ELEV.
TBM 3349	CHISELED SQUARE ON CURB, WEST SIDE OF DEL MAR, 210' NORTH OF AUDUBON AT BRIER.	350.453 NGVD 29 DATUM

STORMWATER POLLUTION PREVENTION

1. THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE SPECIFICATIONS.
2. TOTAL AREA OF DISTURBANCE = 17.3 ACRES
3. WDID NO.:_____
4. ALL SLOPE FACES SHALL BE HYDROSEEDED OR PROVIDED WITH AN APPROPRIATE EROSION CONTROL BLANKET.

WASTE MANAGEMENT PLAN

1. COMPLETE AND FINALIZED WASTE MANAGEMENT PLAN (WMP) FORMS SHALL BE PROVIDED PRIOR TO OCCUPANCY. FORMS AVAILABLE FROM CITY OF FRESNO PERMITS COUNTER.

CONTRACTOR'S ACKNOWLEDGEMENT

I AGREE TO COMPLY WITH THE REQUIREMENTS FOR THE PERFORMANCE COMPLIANCE OPTION OF THE MWELO AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE.

SIGNATURE DATE

APPROVED BY:

FRESNO METROPOLITAN FLOOD CONTROL DISTRICT DATE
FMFCD CONTRACT NO.

FMFCD APPROVAL OF CITY OF FRESNO PLANS IS LIMITED TO THE FOLLOWING

1. REVIEW OF IMPACT OF IMPROVEMENTS ON FMFCD FACILITIES

GENERAL NOTES

1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, INSOFAR AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION.
2. CONTRACTOR WILL NOTIFY F.M.F.C.D CONSTRUCTION MANAGER, AT (559) 456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY.
3. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 OR 811.
4. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STAGING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USES FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION.
5. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION. THE COST OF VERIFYING THE LOCATIONS OF SAID UTILITY FACILITIES INDICATED AND/OR NOT SHOWN ON THE PLANS, INCLUDING EXPOSING THEM PRIOR TO CONSTRUCTION AND THE FULL COST OF PROTECTION, REPAIR OR REPLACEMENT OF UTILITIES SHALL BE INCLUDED IN VARIOUS BID ITEMS OF WORK WITH NO SEPARATE PAYMENT THEREOF.
6. IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G.& E TO VERIFY WIRE LOCATION.

REVIEWED BY:

CITY OF FRESNO, CITY ENGINEER DATE

CITY OF FRESNO, TRAFFIC ENGINEER DATE

CITY OF FRESNO, CONSTRUCTION MANAGER DATE

CITY OF FRESNO DATE
TRAFFIC SIGNAL AND STREETLIGHT SUPERVISOR

FRESNO DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION DATE

CITY OF FRESNO, LANDSCAPE MAINTENANCE DEPARTMENT DATE

CITY OF FRESNO, FIRE DEPARTMENT DATE

CITY OF FRESNO, POLICE DEPARTMENT DATE

SYMBOL LEGEND

SD	STORM DRAIN INLET		TREE
SD	STORM DRAIN MANHOLE		ONE FOOT CIRCLE
W	WATER MAIN	WV	WATER VALVE
FH	FIRE HYDRANT	SC	SECTION CORNER (AS DESCRIBED)
	SQUARE GRATE INLET		SIGN (AS DESCRIBED)
E	ELECTRIC PULLBOX		SHRUB
F	FIBER OPTICS PULLBOX	S	SEWER MANHOLE
T	TELEPHONE MANHOLE		TRAFFIC SIGNAL
	TRASH CAN	TSCB	TRAFFIC SIGNAL CONTROL BOX
	TRAFFIC SIGNAL PULLBOX		TRAFFIC SIGNAL LOOP
	LIGHT		TRAFFIC SIGNAL WITH STREET LIGHT
TV	CABLE TV PULLBOX		"INTERCONNECT" PULLBOX
	PALM TREE		BOULDER
GV	GATE VALVE	WBO	WATER LINE BLOWOFF
BM	BENCH MARK		

AGENCY PERMITS

CITY OF FRESNO MISC STRUCTURES	B26-25534 (STAIRS)
CITY OF FRESNO GRADING	BG26-00092 (INCL. RAMP)
CITY OF FRESNO SITE UTILITIES	BU26-00052
CITY OF FRESNO MWELO	BL26-00040
CVFPB ENCROACHMENT PERMIT	20044 EO
CALTRANS ENCROACHMENT PERMIT	

AS-GRADE PLAN APPROVAL IS REQUIRED FOR OCCUPANCY. THIS PLAN REVIEW, FROM YOUR ENGINEER, PROCESS TAKES 7 DAYS.
A "SAFE-TO-OCCUPY" CAN BE GRANTED WITH A $15,000.00 CASH DEPOSIT.
THERE WILL BE A ONE-TIME $60.00 HANDLING FEE FOR THE "SAFE-TO-OCCUPY" TRANSACTION(S). ALLOW 7 DAYS FOR REFUND.

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9969 Fax: 559.472.9969

WRT

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

G001

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 52220
DEC. NO. 1809021
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
GENERAL
COVER SHEET

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: MN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 1 OF 133 SHEETS

15-E-14582

10/19/2026 1:17 PM G:\Projects_City of FSN\15951\2025-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\01_General\1) COVER SHEET.dwg -Annemarie Fox

SHEET INDEX			
SHEET DESIGNATION	SEQ. SHEET NO.	PW NO.	DESCRIPTION
GENERAL			
G001	1	15-E-14582	COVER SHEET
G002	2	15-E-14583	SHEET INDEX
G003	3	15-E-14584	OVERALL SITE PLAN
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C001	4	15-E-14585	EXISTING CONDITIONS KEY MAP
C002	5	15-E-14586	EXISTING SITE CONDITIONS 1
C003	6	15-E-14587	EXISTING SITE CONDITIONS 2
C004	7	15-E-14588	EXISTING SITE CONDITIONS 3
C005	8	15-E-14589	EXISTING SITE CONDITIONS 4
C006	9	15-E-14590	EXISTING SITE CONDITIONS 5
C007	10	15-E-14591	EXISTING SITE CONDITIONS 6
C008	11	15-E-14592	PALM AVE DEMOLITION PLAN
C009	12	15-E-14593	RIVERVIEW DRIVE DEMOLITION PLAN
C010	13	15-E-14594	WOODWARD WEST DEMOLITION PLAN
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C102	16	15-E-14597	SITE PLAN 2
C103	17	15-E-14598	STAIR AND RAMP NOTES
C104	18	15-E-14599	STAIR PLAN AND PROFILE
C105	19	15-E-14600	RAMP LEG 1
C106	20	15-E-14601	RAMP LEG 2
C107	21	15-E-14602	RAMP LEG 3
C108	22	15-E-14603	RAMP LEG 4
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C110	24	15-E-14605	RAMP LEG 6
C111	25	15-E-14606	RAMP LEG 7
C112	26	15-E-14607	RAMP LEG 8
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C308	38	15-E-14619	PRIMARY TRAIL STA 34+00 - 43+00
C309	39	15-E-14620	PRIMARY TRAIL STA 43+00 - 48+00
C310	40	15-E-14621	PRIMARY TRAIL STA 48+00 - 54+00
C311	41	15-E-14622	PRIMARY TRAIL STA 54+00 - 61+00
C312	42	15-E-14623	PRIMARY TRAIL STA 61+00 - 70+00
C313	43	15-E-14624	PRIMARY TRAIL STA 70+00 - 79+00
C314	44	15-E-14625	PRIMARY TRAIL STA 79+00 - 88+00
C315	45	15-E-14626	PRIMARY TRAIL STA 88+00 - 97+00
C316	46	15-E-14627	PRIMARY TRAIL STA 97+00 - 106+00
C317	47	15-E-14628	PRIMARY TRAIL STA 106+00 - 113+00
C318	48	15-E-14629	PRIMARY TRAIL STA 113+00 - 122+00
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C406	61	15-E-14642	STA 31+50-37+50
C407	62	15-E-14643	STA 37+50-42+50
C408	63	15-E-14644	STA 42+50-46+50
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I-505	112	15-E-14693	IRRIGATION PLAN - RIVERVIEW POC
I-506	113	15-E-14694	IRRIGATION PLAN - RIVERVIEW POC
I-507	114	15-E-14695	IRRIGATION PLAN - RIVERVIEW POC
I-508	115	15-E-14696	IRRIGATION PLAN - RIVERVIEW POC
I-509	116	15-E-14697	IRRIGATION PLAN - RIVERVIEW POC
I-510	117	15-E-14698	IRRIGATION PLAN - RIVERVIEW POC
I-511	118	15-E-14699	IRRIGATION PLAN - RIVERVIEW POC
I-512	119	15-E-14700	IRRIGATION PLAN - RIVERVIEW POC
I-513	120	15-E-14701	IRRIGATION PLAN - HABITAT WAYPOINT POC
I-514	121	15-E-14702	IRRIGATION PLAN - HABITAT WAYPOINT POC
I-515	122	15-E-14703	IRRIGATION PLAN - HABITAT WAYPOINT POC
I-516	123	15-E-14704	IRRIGATION PLAN - VIEW DECK WAYPOINT POC
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I-518	125	15-E-14706	IRRIGATION PLAN - UNDERPASS WAYPOINT POC
I-519	126	15-E-14707	IRRIGATION PLAN - UNDERPASS WAYPOINT POC
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I-521	128	15-E-14709	IRRIGATION PLAN - WOODWARD POC
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SPECIAL NOTES

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN OR NOT SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

CONTRACTOR SHALL NOTIFY "USA" UNDERGROUND SERVICE ALERT), AT 811 AT LEAST 48 HOURS BEFORE COMMENCING EXCAVATION AND ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK, OF CONTRACTORS'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES, AND CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY WITHIN THE WORK AREA.

THE COST OF VERIFYING THE LOCATIONS OF SAID UTILITY FACILITIES INDICATED AND/OR NOT SHOWN ON THE PLANS, INCLUDING EXPOSING THEM PRIOR TO CONSTRICTION AND THE FULL COST OF PROTECTION, REPAIR OR REPLACEMENT OF UTILITIES SHALL BE INCLUDED IN VARIOUS BID ITEMS OF WORK WITH NO SEPARATE PAYMENT THEREOF.

SITE SAFETY AND PROTECTION NOTES

THE DUTY OF THE ENGINEER, OWNER OR ITS AGENTS TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE AND THE UNDERTAKING OF INSPECTIONS OR THE GIVING OF INSTRUCTIONS AS AUTHORIZED HEREIN IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF THE ACTUAL CONSTRUCTION NOR MAKE THE ENGINEER, OWNER OR ITS AGENTS RESPONSIBLE FOR PROVIDING A SAFE PLACE FOR THE PERFORMANCE OF WORK BY THE CONTRACTOR, SUBCONTRACTORS, OR SUPPLIERS, OR FOR ACCESS, VISITS, USE, WORK, TRAVEL OR OCCUPANCY BY ANY PERSON.

THE CONTRACTOR SHALL HAVE AT THE WORK SITE, COPIES OR SUITABLE EXTRACTS OF CONSTRUCTION SAFETY ORDERS, ISSUED BY CAL-OSHA. CONTRACTOR SHALL COMPLY WITH PROVISIONS OF THESE AND ALL OTHER APPLICABLE LAWS, ORDINANCES AND REGULATIONS. THE CONTRACTOR MUST COMPLY WITH PROVISIONS OF THE SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, PROMULGATED BY THE SECRETARY OF LABOR UNDER SECTION 107 OF THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT, AS SET FORTH IN TITLE 29 C.F.R.

TO PROTECT THE LIVES AND HEALTH OF CONTRACTOR'S EMPLOYEES UNDER THE CONTRACT, THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC., AND SHALL MAINTAIN AN ACCURATE RECORD OF ALL CASES OF DEATH, OCCUPATIONAL DISEASE, AND INJURY REQUIRING MEDICAL ATTENTION OR CAUSING LOSS OF TIME FROM WORK, ARISING OUT OF AND IN THE COURSE OF EMPLOYMENT OR WORK UNDER THE CONTRACT.

THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR THE SAFETY, EFFICIENCY, AND ADEQUACY OF CONTRACTOR'S FACILITIES, APPLIANCES, AND METHODS AND FOR ANY DAMAGE, WHICH MAY RESULT FROM THEIR FAILURE OR THEIR IMPROPER CONSTRUCTION, MAINTENANCE OR OPERATION.

THE CONTRACTOR AGREES THAT IT SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, PROVOST & PRITCHARD CONSULTING GROUP, AND THEIR RESPECTIVE AGENTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF OWNER, ENGINEER, OR THEIR RESPECTIVE AGENTS.

THE OWNER AND ITS AGENTS' SITE RESPONSIBILITIES ARE LIMITED SOLELY TO THE ACTIVITIES OF THEIR EMPLOYEES ON SITE. THESE RESPONSIBILITIES SHALL NOT BE INFERRED BY ANY PARTY TO MEAN THAT THE OWNER OR ITS AGENTS HAVE RESPONSIBILITY FOR SITE SAFETY. SAFETY IN, ON, OR ABOUT THE SITE IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR ALONE. THE CONTRACTOR'S METHODS OF WORK PERFORMANCE, SUPERINTENDENCE AND THE CONTRACTOR'S EMPLOYEES, AND SEQUENCING OF CONSTRUCTION ARE ALSO THE SOLE AND EXCLUSIVE RESPONSIBILITIES OF THE CONTRACTOR ALONE.

EARTHWORK QUANTITY NOTE

THE VOLUMES SHOWN BELOW ARE ESTIMATES FOR PERMITTING PURPOSES.

EARTHWORK QUANTITIES		
SECTION	CUT (CY)	FILL (CY)
PALM IMPROVEMENTS INCLUDING BLUFF STAIRS AND SJRAC PARCEL	1,435	14,155
PRIMARY TRAIL INCLUDING RIVERVIEW SPUR	454	3,379
WOODWARD WEST	8,237	3,178
OAK TREE WAY POINT	84	118
UNDERPASS WAY POINT	6	560
CORE PROJECT TOTAL	10,216	18,212

CITY OF FRESNO GENERAL GRADING NOTES

1. ALL GRADING IS TO COMPLY WITH THE 2025 CALIFORNIA BUILDING CODE (CBC). (NOTE TO PLAN REVIEWER: THE OVERALL PROJECT FALLS UNDER THIS VERSION OF THE CBC AND GRADING SHOULD AS WELL.)
2. PROVIDE GRADED SLOPES OF 2% AWAY FROM THE BUILDING (10') PERIMETER OR TO AN APPROVED DRAINAGE FACILITY. A MINIMUM 0.5% SLOPE IS REQUIRED BEYOND THE BUILDING PERIMETER.
3. NO DRAINAGE IS TO BE DIRECTED ONTO ADJACENT PROPERTIES.
4. NO PERMANENT ON-SITE WATER RETENTION IS ALLOWED, ALL DRAINAGE IS TO BE DIRECTED TO APPROVED FACILITIES.
5. A HOLD ON OCCUPANCY IS TO REMAIN IN PLACE UNTIL AS-GRADE PLANS ARE PROVIDED BY THE ENGINEER OF RECORD AND APPROVED BY THE CITY OF FRESNO.
6. OVER EXCAVATE AND REMOVE ALL LOOSE FILLS, DEBRIS AND ORGANIC MATTER TO ALLOW PROPER PREPARATION OF THE NATIVE GRADE BEFORE PLACEMENT OF ENGINEERED/COMPACTED FILL.
7. PROVIDE COMPACTION REPORTS FOR ALL SITE FILLS AND PAVEMENT BASE. THE ENGINEERED FILLS SHALL BE COMPACTED TO 90% AND 95% FOR PAVEMENT BASE, PER ASTM D-1557 METHOD.
8. APPROVAL OF THIS GRADING PLAN IS FOR ON-SITE ELEVATIONS ONLY. THE ELEVATIONS SHOWN WITH IN THE PUBLIC RIGHTS OF WAY REQUIRE SEPARATE PUBLIC WORKS DEPARTMENT APPROVAL AND PERMIT. ANY NOTES THAT APPLY TO THE PUBLIC RIGHTS OF WAY ARE FOR REFERENCE ONLY. IF ONSITE ELEVATIONS SHOWN DO NOT COINCIDE OR ARE IN CONFLICT WITH APPROVED STREET PLANS, A GRADING AND PAVING PLAN AMENDMENT IS REQUIRED TO FIX THE ON SITE GRADES TO MATCH AND BE IN CONFORMANCE WITH "OFF-SITE" STREET GRADING AND DRAINAGE PLANS. PLEASE CONTACT PUBLIC WORKS AT (559) 621-8800 FOR QUESTIONS PERTAINING TO OFFSITE IMPROVEMENTS AND GRADING.
9. RECOMMENDATIONS IN GEOTECHNICAL INVESTIGATION REPORT TITLED "RIVER WEST LEWIS EATON TRAIL EXTENSION PROPOSED TRAIL AND PARKING LOTS", DATED MARCH 31, 2023, (BSK PROJECT NO. G00000706) SHALL BE ADHERED TO FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLY WITH ALL RECOMMENDATIONS UNLESS OTHERWISE DIRECTED BY ENGINEER. THE ENGINEERED FILL MUST BE PLACED IN ACCORDANCE WITH SECTION 4.3 OF THIS REPORT. THE PROPOSED FILL SLOPES MUST BE DESIGNED TO BE 2H:1V OR FLATTER TO A MAXIMUM HEIGHT OF 20 FEET. STEEPER SLOPES WILL REQUIRE ADDITIONAL IMPROVEMENT SUCH AS GEOGRID REINFORCEMENT AND SURFICIAL STABILITY AND EROSION CONTROL.
10. ALL EARTHWORK IS TO BE PERFORMED UNDER THE DIRECT SUPERVISION OF A GEOTECHNICAL ENGINEER. THEY ARE TO REVIEW THE SITE EXCAVATIONS AND OBTAIN COMPACTION FOR EACH LAYER OF FILL PLACED. UPON COMPLETION OF THE GRADING THE SOIL ENGINEER IS TO PROVIDE "FINAL SOIL REPORT"; INDICATING ALL EARTHWORK WAS COMPLETED AS REQUIRED IN THE PRELIMINARY REPORT.
11. OBTAIN BUILDING PERMIT FOR ANY RETAINING WALLS. ALL WALLS ARE TO BE FINAL PRIOR TO AS-GRADE. WHEN THE ENGINEER DESIGN ADA SLOPES TO THEIR MAXIMUM WITHOUT FIELD TOLERANCE, THE ENGINEER OF RECORD AND CITY INSPECTOR IS TO APPROVE FORMWORK PRIOR TO POURING THE CONCRETE.

WARNING
POWER LINES OVERHEAD

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LIST OF APPLICABLE CODES

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2025 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
LOCAL AMENDMENTS AND ORDINANCES

ELECTRICAL SCOPE OF WORK

THIS PROJECT REQUIRES A MINOR ELECTRICAL SCOPE OF WORK TO INCLUDE CONNECTION OF IRRIGATION CONTROLLERS TO NEW PG&E METERS LOCATED AT PALM AVENUE AND WOODWARD WEST

No.	REVISION	BY	DATE
4			
3			
2			
1			

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REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FARR — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

G002

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 62220
DEC. NO. 1809201
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
GENERAL
SHEET INDEX

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 2
OF 133 SHEETS

15-E-14583

10/19/2026 1:17 PM G:\Projects\City of Fresno\1561\2023-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\01_General\3 SHEET INDEX.dwg - Annemarie Farr

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SECONDARY PATHWAY NOTES

EXISTING COMPACTED NATIVE SOIL ROADS OR TRAILS DESIGNATED TO REMAIN WILL FUNCTION AS SECONDARY PATHWAYS; NO IMPROVEMENTS ARE NECESSARY.

NEW SECONDARY PATHWAYS DESIGNATED ON THIS SHEET WILL BE PREPARED BY REMOVING VEGETATION FOR A MINIMUM OF SIX FEET IN WIDTH AND COMPACTING THE CLEARED SOIL WITH TAMPERS (MANUAL OR MECHANICAL) TO PROVIDE AN UNIFORM WALKING SURFACE. THE CONTRACTOR SHALL PLACE FLAGS ALONG THE ALIGNMENT OF THE NEW SECONDARY PATHWAYS FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CLEARING VEGETATION.

DECOMMISIONED ROADS AND TRAILS

EXISTING COMPACTED NATIVE SOIL ROADS OR TRAILS THAT ARE DESIGNATED TO BE DECOMMISSIONED SHALL BE SCARIFIED OR PLOWED TO A MINIMUM DEPTH OF SIX INCHES. FOLLOWING LOOSENING, THE SOIL SHALL BE TRACK-WALKED OR TEXTURIZED TO CREATE A SURFACE SUITABLE FOR NATURAL SEED ESTABLISHMENT WITH NO CLODS OR ROCKS GREATER THAN THREE INCHES IN DIAMETER.

OVERALL SCOPE OF WORK SUMMARY

THE OVERALL EXTENSION OF LEWIS S. EATON TRAIL THROUGH THE FRESNO RIVER WEST AREA IS SHOWN ON THIS PLAN SHEET. THE OVERALL PROJECT INCLUDES THE IMPROVEMENTS SUMMARIZED BELOW. DIVIDED INTO TWO PHASES, THE "CORE PROJECT" AND "ALTERNATIVE 1 & 5B" IN ACCORDANCE WITH THE SETTLEMENT AGREEMENT BETWEEN THE SAN JOAQUIN RIVER CONSERVANCY AND THE SAN JOAQUIN RIVER ACCESS CORPORATION.

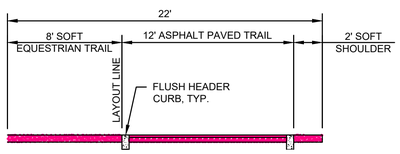
PHASE 1 (SCOPE OF WORK UNDER THIS CONTRACT)

"CORE PROJECT" INCLUDES THE WOODWARD WEST ACCESS POINT, PARKING AND TRAILHEAD NEAR SR 41; THE ENTIRETY OF THE NEW TRAIL NETWORK THROUGH THE FRESNO RIVER WEST AREA; A STAIRWAY AND A RAMP DOWN THE BLUFF FROM SPANO PARK; AND THREE NEW FIRE HYDRANTS. THE CORE PROJECT ALSO INCLUDES DECOMMISSIONING OF EXISTING DIRT ROADS. SECONDARY TRAILS WILL BE PROVIDED TO WAYPOINTS ALONG THE TRAIL.

PHASE 2 (FUTURE WORK, UNDER SEPARATE CONTRACT)

"ALTERNATIVE 1 & 5B INCLUDES THE WEST RIVERVIEW DRIVE ACCESS POINT AND TRAILHEAD/OVERLOOK; THE PALM AVENUE ACCESS ROAD DOWN THE BLUFF FROM SPANO PARK AND THE PALM AVENUE PARKING AND TRAILHEAD; AND THE BUS PARKING AND TURNAROUND NEAR THE O POND.

SECTION LINE
CVFPB DESIGNATED FLOODWAY (JURISDICTIONAL BOUNDARY)
CVFPB DESIGNATED FLOODWAY (JURISDICTIONAL BOUNDARY)
FEMA 100-YR REGULATORY FLOODWAY (ZONE AE)
SAN JOAQUIN RIVER
CSLC LOW WATER LINE
FUTURE SCOPE OF WORK: TRAILHEAD PARKING ON SJRAC PARCEL AND ACCESS ROAD PARALLEL TO TRAIL (ALTERNATIVE 5B, NOT A PART OF CORE PROJECT)
TRAIL END AND TURN AROUND (CORE PROJECT)
FUTURE SCOPE OF WORK: BUS PARKING AND TURN AROUND. (ALTERNATIVE 5B, NOT A PART OF CORE PROJECT)
CSLC HIGH WATER LINE
E POND
O POND
I POND
H POND
0.77 MI.
0.21 MI.
0.28 MI.
0.63 MI.
ZONE X
ZONE AE
ZONE X
ZONE AE
ZONE AE
ZONE X
ZONE X
ZONE A
ZONE X
BASIN DH2
SPANO PARK
STAIR AND RAMP CONNECTIONS TO SPANO PARK (CORE PROJECT)
APPROXIMATE LIMITS OF 2024 RESTORATION PLANTING
BASIN DI
(E) ACCESS ROAD TO REMAIN
N PALM AVE
W AUDUBON DR
W NIEES AVE
(E) PEDESTRIAN CONNECTION TO W BLUFF AVE
FUTURE SCOPE OF WORK: PALM AVENUE ACCESS POINT INCLUDING ACCESS ROAD FROM PALM AVENUE (ALTERNATIVE 5B, NOT A PART OF CORE PROJECT)
SECTION LINE
W BLUFF AVE
N DEL MAR AVE
W AUDUBON DR
FUTURE SCOPE OF WORK: WEST RIVERVIEW ACCESS POINT (ALTERNATIVE 1, NOT A PART OF CORE PROJECT)
W. RIVERVIEW DR.
MINIMUM 150' BUFFER BETWEEN RESIDENTIAL AND MULTI-USE TRAIL
MINIMUM 300' BUFFER BETWEEN RESIDENTIAL AND HIGH INTENSITY USE
SECTION LINE
SAN JOAQUIN RIVER
150' BUFFER BETWEEN RIPARIAN CORRIDOR AND MULTI-USE TRAIL
200' RIPARIAN CORRIDOR
OAK WAYPOINT (CORE PROJECT)
CSLC LOW WATER LINE
UNDERPASS WAYPOINT (CORE PROJECT)
22' RIVER PARKWAY, SEE TYPICAL SECTION, THIS SHEET (CORE PROJECT)
COBB RANCH BLVD
WOODWARD WEST ACCESS POINT (CORE PROJECT)
SR 41 ROW
41
(E) LEWIS S. EATON TRAIL CONTINUES THROUGH WOODWARD PARK TO 11605 OLD FRIANT ROAD.



TYPICAL SECTION- RIVER WEST EATON MULTI-USE TRAIL

SEE SHEETS 33 & 34 FOR MORE INFORMATION

LEGEND

- X.XX MI. — EATON TRAIL EXTENSION W/ MILEAGE
- NEW SECONDARY PATHWAY. SEE NOTES ON THIS SHEET
- EXISTING ROAD TO BE DECOMMISSIONED. SEE NOTES ON THIS SHEET
- EXISTING TRAILS TO REMAIN AS SECONDARY PATHWAY. SEE NOTES ON THIS SHEET
- PROPOSED FIRE HYDRANT

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART OF PROJECT
- PRIVATE PROPERTY, NOT A PART OF PROJECT
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 150 300 600

No.	REVISION	BY	DATE
4			
3			
2			
1			

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PH 559/449-2700
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G003

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0986
FUND NO. 22020
ORG. NO. 95501
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
GENERAL
OVERALL SITE PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: MN
CH. BY: SF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 3
OF 133 SHEETS
15-E-14584

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WARNING
POWER LINES OVERHEAD

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SECTION LINE

SECTION LINE

SEE SHEET 5

SEE SHEET 6

SEE SHEET 7

SEE SHEET 8

SEE SHEET 9

SEE SHEET 10

SAN JOAQUIN RIVER

SAN JOAQUIN RIVER

SAN JOAQUIN RIVER

O POND

I POND

H POND

E POND

BASIN DH2

BASIN DI

N PALM AVE

W AUDUBON DR

W NEES AVE

W RIVERVIEW DR

W BLUFF AVE

N DEL MAR AVE

W AUDUBON DR

COBB RANCH BLVD

PROPERTY LINE

SECTION LINE

SECTION LINE

LEGEND

- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3
- EXISTING TRAILS TO REMAIN AS SECONDARY PATHWAY, SEE NOTES ON SHEET 3

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 150 300 600

No.	REVISION	BY	DATE
4			
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2			
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ORG. NO. 189901

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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING CONDITIONS KEY MAP

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 4
OF 133 SHEETS

15-E-14585

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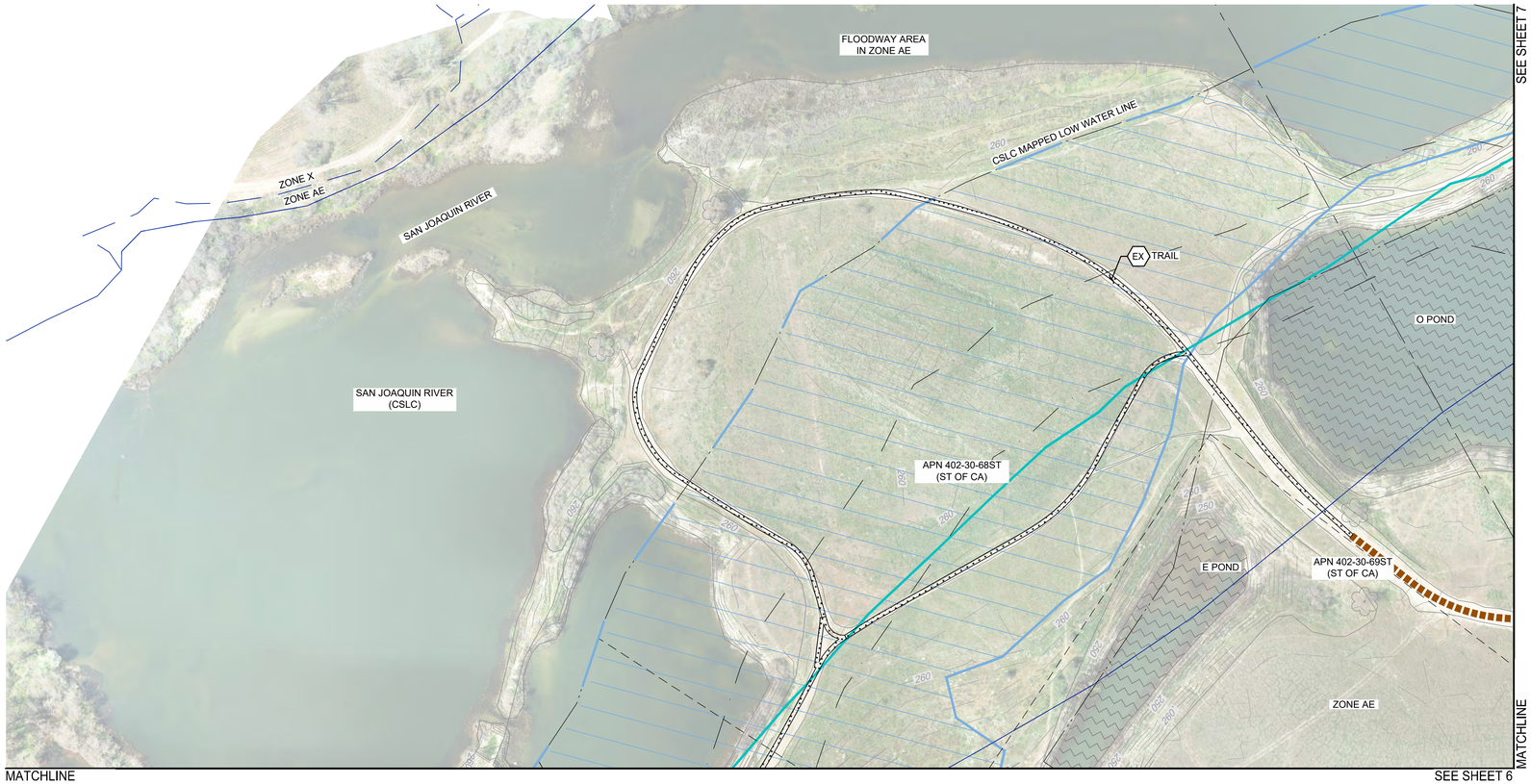


NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PROTECT IN PLACE, ITEM AS NOTED
- SAWCUT AND REMOVE PAVEMENT
- INSTALL TREE PROTECTION FENCE (1/105)
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

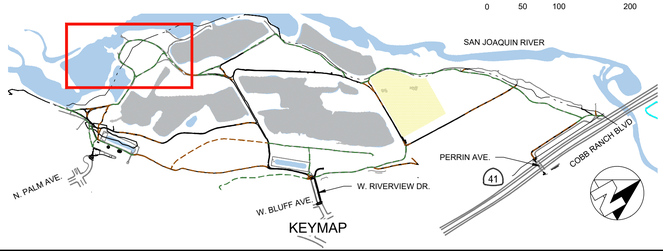
GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS. REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
2. TEMPORARY ACCESS TO FMFCD BASIN DI SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200



KEYMAP

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FRESNO, CALIFORNIA 93721
(559) 621-8650

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FUND NO. 92220
DEC. NO. 1809021
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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 1

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 5
OF 133 SHEETS

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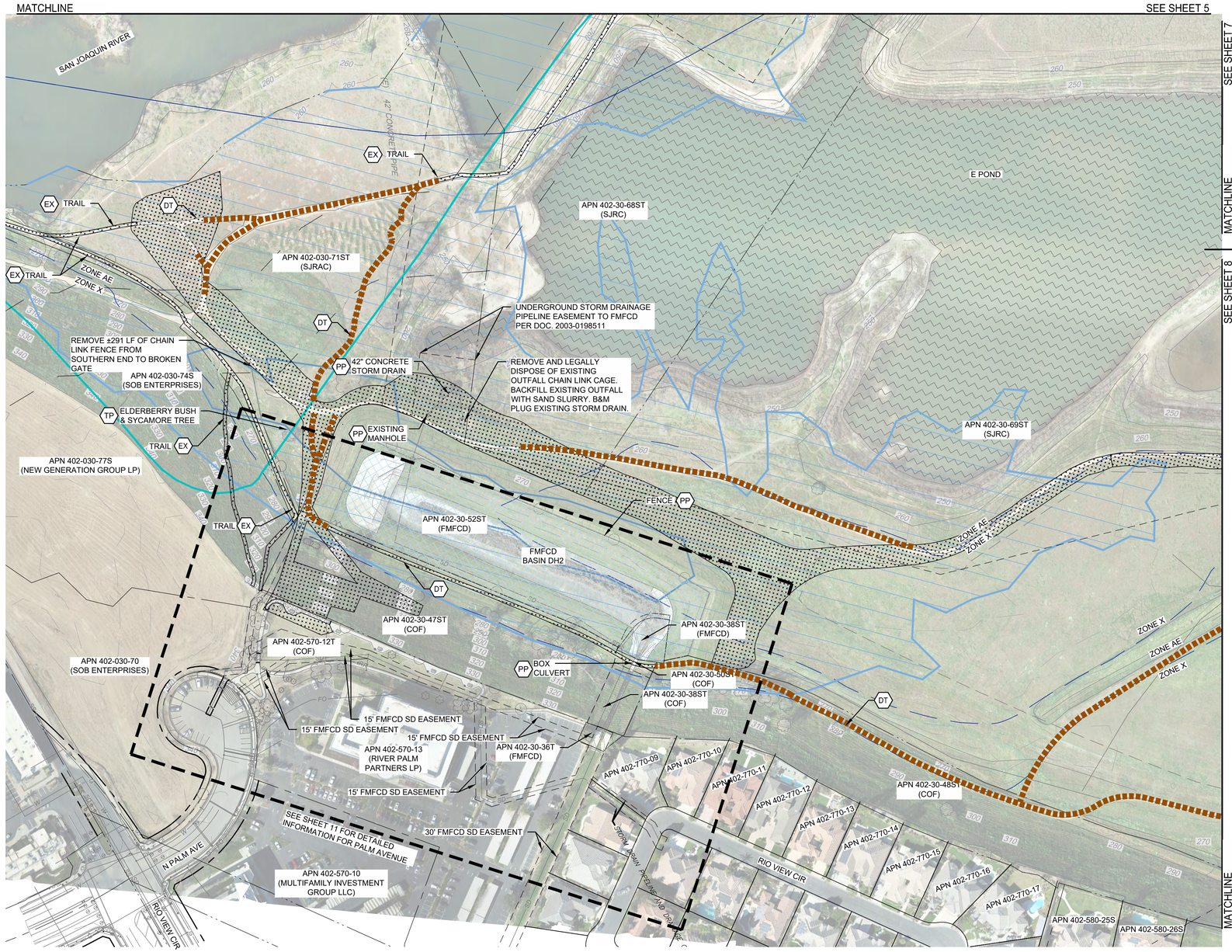

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/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DT DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PP PROTECT IN PLACE, ITEM AS NOTED
- SP SAWCUT AND REMOVE PAVEMENT
- TP INSTALL TREE PROTECTION FENCE
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

1/105

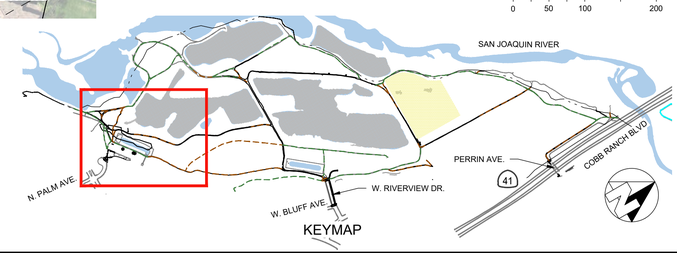
GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS. REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
2. TEMPORARY ACCESS TO FMFCD BASIN DI SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200



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DEPARTMENT OF PUBLIC WORKS

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(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00986
FUND NO. 22220
ORG. NO. 56020
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 2

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DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
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15-E-14587

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WARNING
POWER LINES OVERHEAD

SEE SHEET 5

MATCHLINE

SEE SHEET 6

MATCHLINE

APN 402-30-68ST

FLOODWAY AREA IN ZONE AE

O POND

EX TRAIL

APN 402-30-69ST (ST OF CA)

E POND

H POND

APN 049-084-028

APN 049-084-030 (ST OF CA)

SAN JOAQUIN RIVER

I POND

APN 401-021-27S (SOB ENTERPRISES LLC)

HIGH WATER

SAN JOAQUIN RIVER

FENCE PP

ZONE X

ZONE AE

SEE SHEET 9

MATCHLINE

SEE SHEET 8

MATCHLINE

SHEET SPECIFIC NOTE

1. CONTRACTOR SHALL REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE PROPOSED TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.

GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS, REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
2. TEMPORARY ACCESS TO FMFCD BASIN DI SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PP PROTECT IN PLACE, ITEM AS NOTED
- SAWCUT AND REMOVE PAVEMENT
- INSTALL TREE PROTECTION FENCE
- 1/105
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200
SAN JOAQUIN RIVER

N. PALM AVE.
W. BLUFF AVE.
W. RIVERVIEW DR.
PERRIN AVE.
COBB RANCH BLVD
41

KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE POTTER
No. 91171
CIVIL
STATE OF CALIFORNIA

PROVOST & PRITCHARD
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GRADING PERMIT NUMBER: BG26-00092

C004

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FMC0986
FUND NO. 66450
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 3

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AP
DATE: 10/10/2026
SCALE: AS NOTED
SHEET NO. 7
OF 133 SHEETS
15-E-14588

10/7/2026 2:55 PM S:\Fresno_City of\15613\2025 River West Eaton Trail Extension\300 CAD\340 Sheet Sets\02_Exist Veg and Existing SITE CONDITIONS.dwg - Annemarie Fox

MATCHLINE

SEE SHEET 6

SEE SHEET 7

SEE SHEET 10

MATCHLINE

E POND

H POND

PP STORM DRAIN AND VENT PIPES

ZONE X

ZONE AE

APN 402-30-69ST (ST OF CA)

UNDERGROUND STORM DRAINAGE PIPELINE EASEMENT TO FMFCD PER DOC. 2003-0198512

ACCESS EASEMENT

TRAIL EX

SEE SHEET 12 FOR DETAILED DEMOLITION INFORMATION FOR RIVERVIEW DRIVE

FENCE PP

APN 402-30-54ST (FMFCD BASIN "DI")

PP POWER POLE

PP WELL AND FENCE

EX ACCESS ROAD

APPROXIMATE LIMITS OF 2024 RESTORATION PLANTING

DT

APN 402-030-24ST (ST OF CA)

APN 402-530-11ST (COF)

APN 402-30-48ST (COF)

EX TRAIL

APN 402-530-25ST (COF)

APN 402-530-06ST (COF)

APN 402-520-16

APN 402-530-03

APN 402-530-04

APN 402-520-49

APN 402-520-12

APN 402-520-15

APN 402-520-17

APN 402-520-21S

APN 402-520-22S

APN 402-520-23S

APN 402-580-28S

APN 402-580-29S

APN 402-580-30S

APN 402-580-31S

APN 402-701-03

APN 402-701-02

APN 402-701-01

APN 402-591-07

APN 402-591-03

APN 402-701-02

APN 402-701-01

APN 402-601-07

APN 402-601-06

APN 402-601-05

WEST RIVER COURT

W BLUFF AVE

W CANADIAN AVE

N RIO LINDA AVE

N RIDGEVIEW AVE

APN 402-530-09ST (ST OF CA)

W RIVERVIEW DR

NORTH EST

W BLUFF AVE

MATCHLINE

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

PP / NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DT DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PP PROTECT IN PLACE, ITEM AS NOTED
- SAWCUT AND REMOVE PAVEMENT
- INSTALL TREE PROTECTION FENCE (1/105)
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

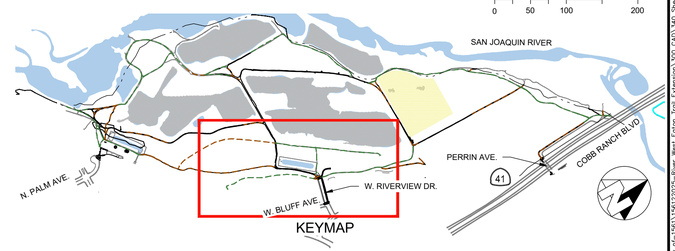
GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS, REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
2. TEMPORARY ACCESS TO FMFCD BASIN DI SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FAY No. 91171 CIVIL STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

C005

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 52220
DEL. NO. 1809021

REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 4

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: MN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 8
OF 133 SHEETS

15-E-14589

10/19/2026 1:20 PM G:\Projects_City of Fresno\15615\25025-River West Eaton Trail Extension\000 CAD\MD Sheet Sets\02_Exist Topo and Demo\8 EXISTING SITE CONDITIONS 4.dwg Alexandra Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

SEE SHEET 7

APN 049-084-030
(ST OF CA)

APN 049-084-033
(ST OF CA)

APN 049-084-032
(ST OF CA)

APN 049-084-025
(ST OF CA)

APN 049-084-028
(SJRC)

APN 049-084-029
(SJRC)

SAN JOAQUIN RIVER

EX TRAIL

DT

TP

PP

POWER POLE AND METER

SURVEY MONUMENT

APN 401-021-27S
(SOB ENTERPRISES LLC)

APN 401-021-35ST
(ST OF CA)

APN 401-021-34ST
(ST OF CA)

CONSERVATION EASEMENT PER 2003-0198517, O.R.F.C.

MATCHLINE

MATCHLINE

SEE SHEET 10

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DT DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PROTECT IN PLACE, ITEM AS NOTED
- SAWCUT AND REMOVE PAVEMENT
- TP INSTALL TREE PROTECTION FENCE
- 1/105
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

GENERAL NOTES

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REGULATORY LINE LEGEND

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- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200

KEYMAP

SAN JOAQUIN RIVER
PERRIN AVE.
COBB RANCH BLVD
N. PALM AVE.
W. RIVERVIEW DR.
W. BLUFF AVE.
41

No.	REVISION	BY	DATE
4			
3			
2			
1			

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REGISTERED PROFESSIONAL ENGINEER
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C006

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
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PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 5

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 9
OF 133 SHEETS

15-E-14590

10/19/2026 1:21 PM G:\Fresno\City of\15613\22022-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\V02_Exist Topo and Demo\3 EXISTING SITE CONDITIONS 5.dwg - Annemarie Fox

MATCHLINE

SEE SHEET 8

SEE SHEET 9

APN 401-021-27S
(SOB ENTERPRISES LLC)

APN 401-021-35ST
(ST OF CA)

PP PRIVATE RESIDENCE GATE

REMOVE (E) WOOD POST & BARBED WIRE FENCING NORTH OF (E) METAL GATE

STANDPIPE & RANCH GATES PP SP

SP DT

APN 402-30-69ST
(ST OF CA)

PP POWER POLE & GUY ANCHORS

EX ACCESS ROAD

APN 402-030-24ST
(ST OF CA)

APN 402-021-37S
(SJRR LLC)

DT

APN 402-601-04

APN 402-601-03

APN 402-601-02

APN 402-601-01

APN 402-621-01

APN 402-621-02

APN 402-621-03

APN 402-621-04

APN 402-621-05

APN 402-621-06

APN 402-631-01

APN 402-631-02

APN 402-631-03

APN 402-631-04

APN 402-631-05

APN 402-021-38S

APN 402-631-22

APN 402-631-21

SURVEY MONUMENT

SURVEY MONUMENT

SURVEY MONUMENT

SURVEY MONUMENT

SURVEY MONUMENT

SURVEY MONUMENT

W BLUFF AVE

W BLUFF AVE

W BLUFF AVE

FLETCHER

N:2201622.23
E:6329103.12

N:2201600.34
E:6329117.29

N:2201711.50
E:6329165.55

N:2201570.76
E:6329245.68

N:2201363.66
E:6329289.79

N:2201757.79
E:6329547.78

N:2201214.41
E:6329271.36

DT

N:2201759.85
E:6329630.24

PROPERTY LINE (TYP.)

APN 402-021-33ST
(ST OF CA)

N:2201037.86
E:6329484.55

N:2201291.02
E:6329657.23

N:2201289.06
E:6329765.10

PERRIN AVE

STATE ROUTE 41 (SOUTHBOUND)

STATE ROUTE 41 (NORTHBOUND)

COBB RANCH BLVD

SEE SHEET 13 FOR DETAILED DEMOLITION INFORMATION FOR WOODWARD WEST

N:2201108.16
E:6329777.96

LEWIS S. EATON TRAIL

SURVEY CONTROL POINT

APN 402-021-26

APN 401-021-16T

APN 402-021-24T

MATCHLINE

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DT DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PP PROTECT IN PLACE, ITEM AS NOTED
- SP SAWCUT AND REMOVE PAVEMENT
- INSTALL TREE PROTECTION FENCE (1/105)
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

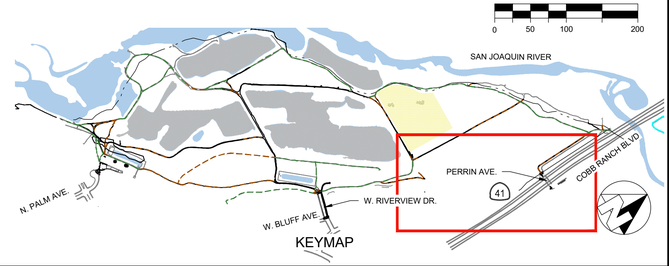
GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS, REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
2. TEMPORARY ACCESS TO FMFCD BASIN DI SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 50 100 200



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

C007

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

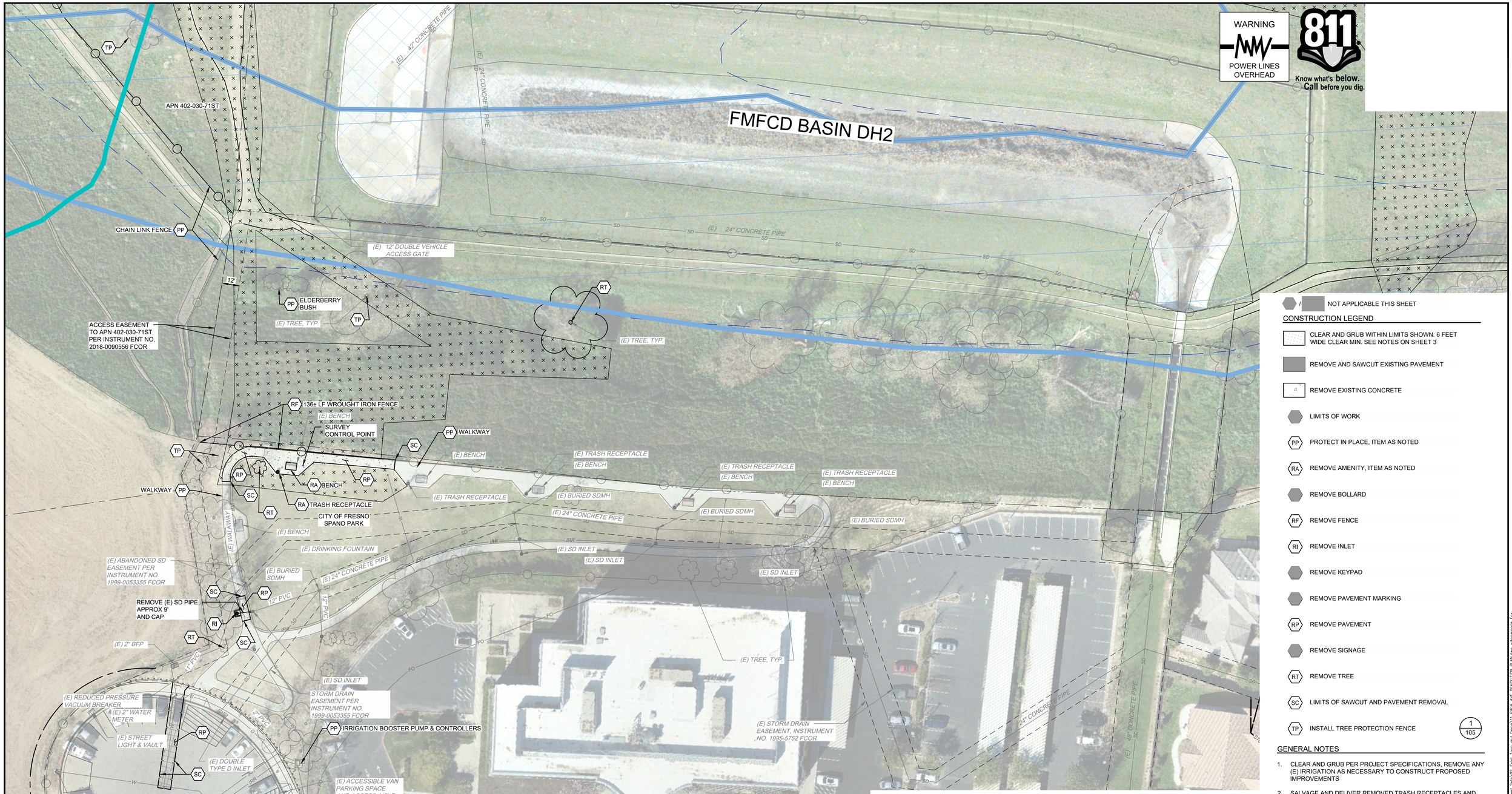
PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
EXISTING SITE CONDITIONS 6

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 10
OF 133 SHEETS
15-E-14591

10/19/2026 1:21 PM G:\Fresno_City of-15561\356\23523-River West Eaton Trail Extension\300 CAD\300 Sheet Sets\100_Final Trees and Demo\10 EXISTING SITE CONDITIONS.dwg - Antoinette Fox



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

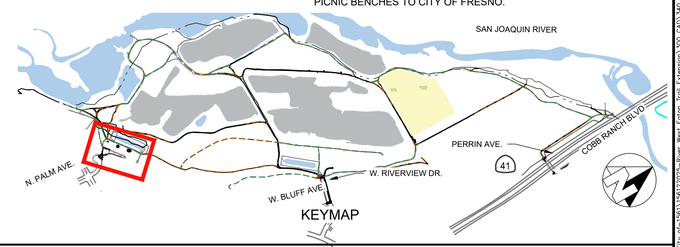
- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE AND SAWCUT EXISTING PAVEMENT
- REMOVE EXISTING CONCRETE
- LIMITS OF WORK
- PP PROTECT IN PLACE, ITEM AS NOTED
- RA REMOVE AMENITY, ITEM AS NOTED
- REMOVE BOLLARD
- RF REMOVE FENCE
- RI REMOVE INLET
- REMOVE KEYPAD
- REMOVE PAVEMENT MARKING
- RP REMOVE PAVEMENT
- REMOVE SIGNAGE
- RT REMOVE TREE
- SC LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- TP INSTALL TREE PROTECTION FENCE (1/105)

GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS. REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS
2. SALVAGE AND DELIVER REMOVED TRASH RECEPTACLES AND PICNIC BENCHES TO CITY OF FRESNO.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY



No.	REVISION	BY	DATE
4			
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2			
1			

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FRESNO, CALIFORNIA 93721
(559) 621-8650

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PROJ. ID. P#00986
FUND NO. 22425
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
PALM AVE DEMOLITION PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 11
OF 133 SHEETS
15-E-14592

10/19/2026 1:22 PM G:\Fresno...\Dy ct-5901\125025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\02_Exist Topo and Demo\11 PALM AVE_EXISTCOND_PLAN.dwg Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

PP POWER POLE
WELL AND FENCE PP
PP POWER SERVICE POLE & METER
IRRIGATION STAND PIPE PP
PP GUY WIRE & WOOD PEDESTAL
ACCESS ROAD EX
PP DRAIN INLET
WOOD/DIRT STEPS
PP CHAIN LINK FENCE
SDMH PP
(E) 42" CONCRETE PIPE
PP SDMH
(E) 42" CONCRETE PIPE
PP SDMH
PP SDMH
(E) 42" CONCRETE PIPE
(E) 15" CONCRETE PIPE
±125 LF OF CHAIN LINK FENCE AND GATE REMOVAL
(E) 15" CONCRETE PIPE
±110' CORRUGATED METAL PIPE
CONCRETE DITCH PP
(E) DRAINAGE DITCH
PP FMFCD CHAIN LINK FENCE
PP CHAIN LINK FENCE
(E) BLUFF TRAIL
(E) DIRT ROAD
(E) 24" CONCRETE PIPE
FMFCD BASIN DI

CITY OF FRESNO
WASTEWATER LIFT STATION NO. 4
(298 RIVERVIEW DR.)

(E) VEHICULAR SWING GATE
(E) MAN GATE
(E) SOLAR PANEL FOR GATE
NORTHEAST CORNER OUTLOT B 42-PLATS-10, O.R.F.C.
PP LOOP SENSOR, TYP.
SC
(E) GATE KEY PAD
(E) BOLLARDS
(E) METAL FENCE

N. DEL MAR AVE
W. RIVERVIEW DR
W. BLUFF AVE

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE EXISTING CONCRETE
- REMOVE AND SAWCUT EXISTING PAVEMENT
- DT DECOMMISSION TRAIL
- EX EXISTING TRAIL TO REMAIN
- PP PROTECT IN PLACE, ITEM AS NOTED
- SP SAWCUT AND REMOVE PAVEMENT
- TP INSTALL TREE PROTECTION FENCE (1/105)
- EXISTING ROAD TO BE DECOMMISSIONED, SEE NOTES ON SHEET 3

GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS, REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
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REGULATORY LINE LEGEND

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- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 15 30 60

KEYMAP
SAN JOAQUIN RIVER
N. PALM AVE.
W. BLUFF AVE.
W. RIVERVIEW DR.
PERRIN AVE.
CORB RANCH BLVD
41

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C009

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FMC0986
FUND NO. 66450
DEPT. NO. 169701
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
RIVERVIEW DRIVE DEMOLITION PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/10/2026
SCALE: AS NOTED

SHEET NO. 12
OF 133 SHEETS

15-E-14593

10/10/2026 3:22 PM G:\Fresno_City of-1561\1561\2025 River West Eaton Trail Extension\300 CAD\340 Sheet Sets\02-Exhibit Trail and Plans\12 RIVERVIEW PAVE DEMOLITION PLAN.dwg - Annemarie Fox



KEYMAP

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CLEAR AND GRUB WITHIN LIMITS SHOWN. 6 FEET WIDE CLEAR MIN. SEE NOTES ON SHEET 3
- REMOVE AND SAWCUT EXISTING PAVEMENT
- REMOVE EXISTING CONCRETE
- LIMITS OF WORK
- PP PROTECT IN PLACE, ITEM AS NOTED
- REMOVE AMENITY, ITEM AS NOTED
- REMOVE BOLLARD
- RF REMOVE FENCE
- REMOVE INLET
- REMOVE KEYPAD
- RM REMOVE PAVEMENT MARKING
- REMOVE PAVEMENT
- REMOVE SIGNAGE
- REMOVE TREE
- SC LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- INSTALL TREE PROTECTION FENCE (1/105)

GENERAL NOTES

1. CLEAR AND GRUB PER PROJECT SPECIFICATIONS. REMOVE ANY (E) IRRIGATION AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS

SEPARATE CONTRACT; BASE BID NOT TO INCLUDE DEMOLITION RELATED TO THE FOLLOWING:
- CASE CH CURB RAMP AND ADJACENT SIDEWALK
- LEWIS EATON TRAIL VEHICULAR AC
SEE SHEET 28 FOR MORE INFO.

REGULATORY LINE LEGEND

- CSLC PUBLIC TRUST EASEMENT OVER LANDS BETWEEN THE HIGH AND LOW WATER LINES
- FMFCD BASIN, NOT A PART
- PRIVATE PROPERTY, NOT A PART
- POND
- FEMA FLOOD ZONE
- FEMA REGULATORY FLOODWAY
- CENTRAL VALLEY FLOOD PROTECTION BOARD (CVFPB) DESIGNATED FLOODWAY

SCALE IN FEET
0 15 30 60

No.	REVISION	BY	DATE
4			
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REGISTERED PROFESSIONAL ENGINEER
ANNE MARIE FOX
No. 91171
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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C010

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
EXISTING CONDITIONS & DEMOLITION PLANS
WOODWARD WEST DEMOLITION PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

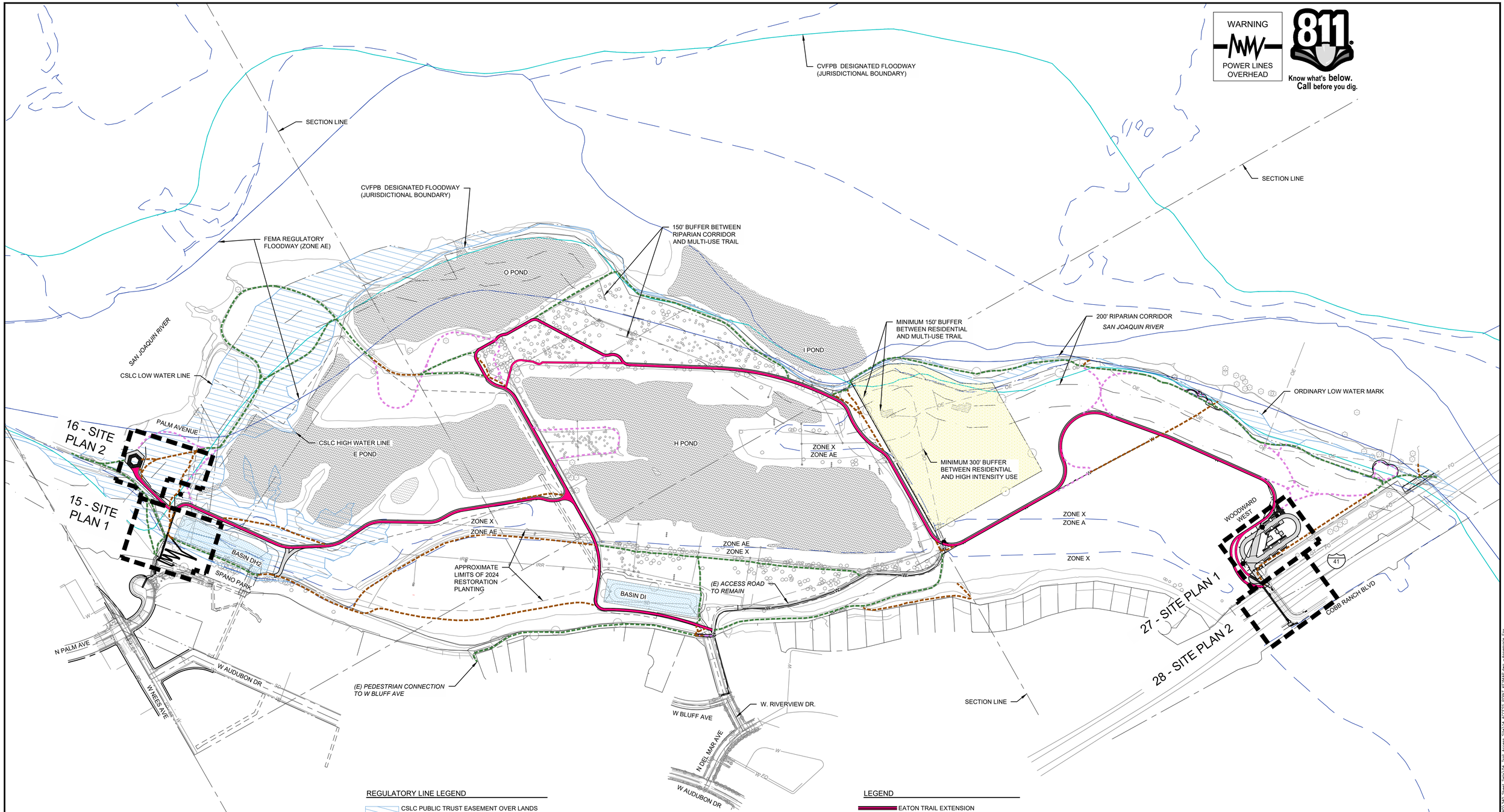
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 13
OF 133 SHEETS

15-E-14594

10/19/2026 1:22 PM G:\Projects\City of Fresno\15915\02\25-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\02-Civil Tops and Demo\13 WOODWARD WEST DEMOLITION PLAN.dwg Annemarie Fox

No. 2246632



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PW. FILE NO. 13245
PROJ. NO. PWC0286
FUND NO. 22525
ORG. NO. 159501
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
ACCESS POINTS
ACCESS POINT KEYMAP

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

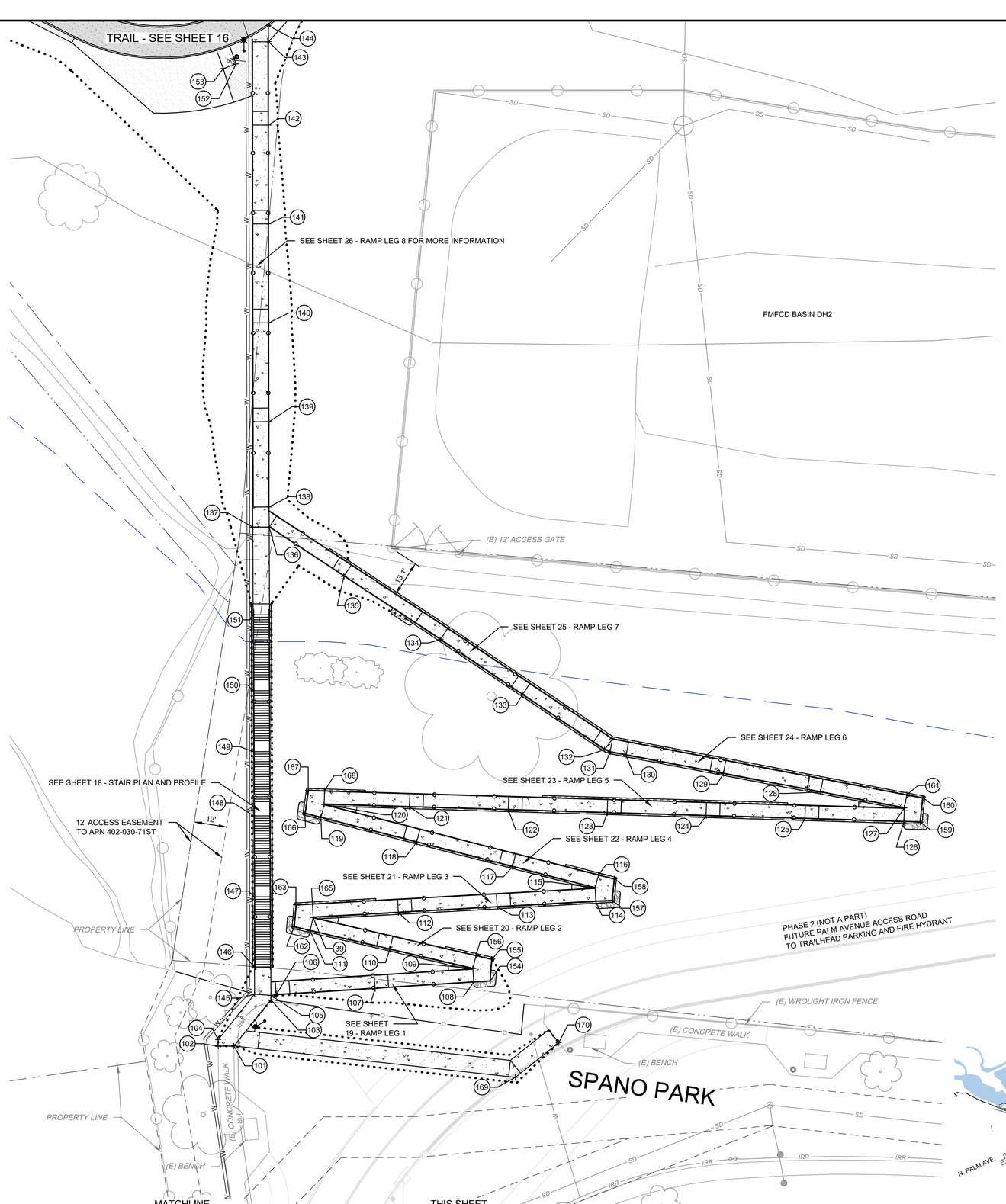
SHEET NO. 14
OF 133 SHEETS

15-E-14595

10/19/2026 7:23 PM E:\Fresno_City of-15651\15651025-River West Eaton Trail Extension\100 CAD\245 Sheet Sets\01A-Trail Access Sht\14 ACCESS POINT KEYMAP.dwg - Annemarie Fox

POINT TABLE		
POINT #	NORTHING	EASTING
39	2194736.61	6325757.25
101	2194682.19	6325767.52
102	2194678.26	6325763.30
103	2194703.86	6325766.18
104	2194680.04	6325761.64
105	2194705.06	6325765.05
106	2194706.51	6325766.37
107	2194732.58	6325791.56
108	2194758.65	6325816.75
109	2194762.12	6325813.16
110	2194746.88	6325785.88
111	2194732.24	6325759.69
112	2194758.91	6325779.14
113	2194784.78	6325804.53
114	2194810.66	6325829.92
115	2194814.16	6325826.35
116	2194818.58	6325824.01
117	2194799.52	6325798.74
118	2194782.54	6325766.71
119	2194765.57	6325734.68
120	2194769.98	6325732.34
121	2194790.32	6325756.06
122	2194813.91	6325783.59
123	2194837.50	6325811.11
124	2194861.09	6325838.63
125	2194884.69	6325866.15
126	2194908.28	6325893.68
127	2194912.07	6325890.42
128	2194895.73	6325863.79
129	2194876.77	6325832.89
130	2194857.81	6325801.99
131	2194854.68	6325796.88
132	2194853.97	6325794.83
133	2194848.63	6325758.98
134	2194843.30	6325723.12
135	2194836.72	6325681.39
136	2194831.57	6325649.01
137	2194827.52	6325644.59
138	2194837.00	6325644.01
139	2194860.08	6325622.94
140	2194886.85	6325598.50
141	2194913.62	6325574.06
142	2194940.39	6325549.62
143	2194962.97	6325529.01
144	2194967.33	6325525.02
145	2194701.37	6325760.32
146	2194708.67	6325753.62
147	2194727.65	6325736.21
148	2194749.51	6325716.15
149	2194766.87	6325700.22
150	2194783.33	6325685.13
151	2194803.84	6325666.31
152	2194948.93	6325525.71
153	2194944.51	6325523.36
154	2194763.01	6325820.97
155	2194769.44	6325816.01
156	2194766.49	6325810.72
157	2194814.99	6325834.17
158	2194821.42	6325829.37
159	2194912.19	6325898.25

POINT TABLE		
POINT #	NORTHING	EASTING
160	2194919.48	6325892.94
161	2194916.33	6325887.81
162	2194729.28	6325754.40
163	2194735.78	6325749.44
165	2194740.11	6325753.68
166	2194762.74	6325729.35
167	2194769.85	6325724.50
168	2194773.78	6325729.08
169	2194743.12	6325851.49
170	2194763.22	6325854.69
171	2194616.21	6325838.88
172	2194621.07	6325842.18
173	2194625.79	6325824.85
174	2194630.60	6325828.16



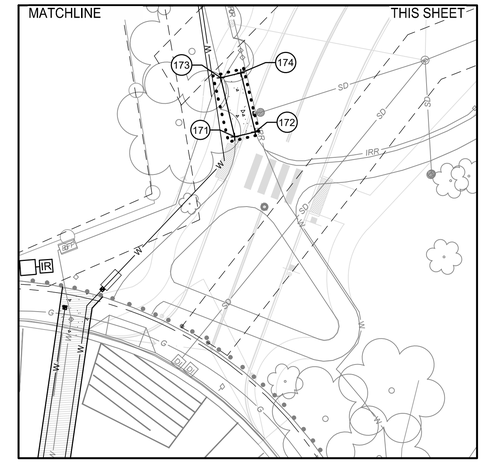
WARNING
POWER LINES OVERHEAD

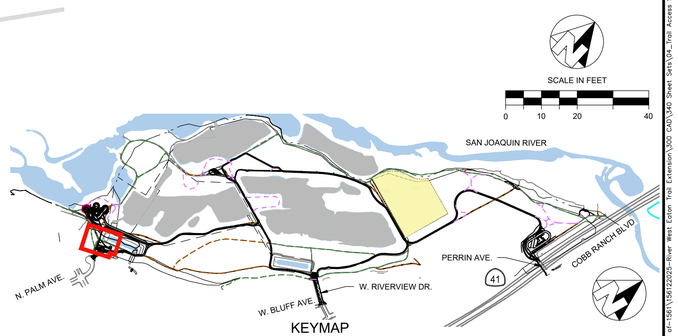
811 Know what's below. Call before you dig.

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71
INSTALL RIP RAP	6/71





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GRADING PERMIT NUMBER: BG26-00092

C101

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
DEL. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
SITE PLAN 1

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 15
OF 133 SHEETS
15-E-14596

10/19/2026 1:23 PM G:\Fresno_City_pf-15901\13501\22225-River West Eaton Trail Extension\300 CAD\300 Sheet Sets\SS_Trail Access Sets\15 SITE PLAN 1.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

PROPERTY LINE

SEE L-102 FOR TRAIL AMENITIES IN THIS AREA

SEE L-102 FOR JOINT AND SCORE PATTERN

FUTURE PALM AVENUE TRAILHEAD & PARKING
(PHASE 2 - NOT A PART OF THIS CONTRACT)

FUTURE RESTROOM BUILDING

(E) VEGETATION

POINT TABLE		
POINT #	NORTHING	EASTING
200	2194865.47	6325105.89
201	2194892.24	6325116.51
202	2194916.44	6325095.99
203	2194907.17	6325065.65
204	2194879.27	6325059.11
205	2194860.06	6325079.71
206	2194891.71	6325141.79
207	2194942.56	6325109.80
208	2194923.62	6325047.82
209	2194872.24	6325035.95
210	2194831.30	6325079.84
211	2194842.64	6325122.32
212	2194844.60	6325143.83
213	2194877.63	6325153.73
214	2194841.56	6325173.56
215	2194860.96	6325197.38
216	2194844.96	6325214.44
217	2194870.43	6325265.67
218	2194859.84	6325268.64
219	2194916.60	6325475.35
220	2194927.20	6325472.43
221	2194994.17	6325525.64
222	2194992.50	6325514.77
223	2195063.92	6325554.82
224	2195072.84	6325548.37

R52.5'
R48.5'
R111.5'

SEE TRAIL SHEET 35 FOR PARKWAY TRAIL IMPROVEMENTS

203'

FUTURE ACCESS ROAD TO FIRE HYDRANT AND PARKING

FIRE HYDRANT
SEE UTILITY PLANS

WATER MAIN
SEE UTILITY PLANS

PROTECT IN PLACE ELDERBERRY BUSH AND SYCAMORE TREE

(E) DIRT PATHS ON ADJACENT PARCEL TO REMAIN

PROPERTY LINE

CONNECTION TO PALM AVENUE STAIRS, SEE SHEET 15

SAN JOAQUIN RIVER
N. PALM AVE.
W. BLUFF AVE.
W. RIVERVIEW DR.
PERRIN AVE.
COBB RANCH BLVD.
41
KEYMAP

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
- 6

SCALE IN FEET
0 10 20 40

No.	REVISION	BY	DATE
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GRADING PERMIT NUMBER: BG26-00092

C102

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID PWO0886
FUND NO. 22225
ORG. NO. 1899001
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
SITE PLAN 2

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: MN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 16
OF 133 SHEETS
15-E-14597

10/19/2026 1:24 PM By Victoria Joy of:\560\10012025-River West Eaton Trail Extension\100 CAD\300 Sheet Sets\04-Trail Access Site\L1E SITE PLAN 2.dwg -Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

INSPECTIONS AND TESTS

1. THE OWNER SHALL RETAIN P&P AND A MATERIALS TESTING AGENCY TO PROVIDE OBSERVATION AND TESTS DURING CONSTRUCTION OF WORK SHOWN ON THESE DRAWINGS. INSPECTION AND TEST REPORTS SHALL BE SUBMITTED TO THE LOCAL CITY BUILDING DEPARTMENT UPON PROJECT COMPLETION.
2. REFERENCE CAPITAL PROJECT DEPARTMENT LETTER ON FILE.
3. SEE THE INSPECTIONS AND TESTS TABLE BELOW.

INSPECTIONS AND TESTS TABLE:

ITEM	"TYPE" (INSPECTION / TEST / SUBMITTAL REVIEW - BLANK IF NOT REQUIRED OR NOT APPLICABLE)	"DESCRIPTION" (PERIODIC / CONTINUOUS FOR INSPECTIONS, VERIFICATION FOR SUBMITTAL REVIEWS, FREQUENCY FOR SAMPLING / TESTS)	GOVERNING CODE FOR SPECIAL INSPECTIONS AND PRACTICE / TEST STANDARDS	NOTES
FOOTING OBSERVATION	INSPECTION	PERIODIC	CBC 1705.6	
CONCRETE REINFORCEMENT	INSPECTION	PERIODIC	CBC 1705.3	
CONCRETE MIX DESIGN	SUBMITTAL REVIEW	VERIFICATION	CBC 1705.3	
CONCRETE PLACEMENT	INSPECTION	CONTINUOUS ONE CYLINDER SET PER 50 CY PLACED AND PER PLACEMENT WORKDAY	CBC 1705.3 ASTM C31	
CONCRETE TESTS	TEST	EACH CYLINDER SET	ASTM C39	QUALITY ASSURANCE
SUBDRAIN	INSPECTION	PERIODIC		DESIGN REQUIREMENT
BACKFILL PLACEMENT AND COMPACTION	INSPECTION	PERIODIC	CBC 1705.6	
SUBDRAIN DISCHARGE	INSPECTION	PERIODIC		DESIGN REQUIREMENT
FINAL SURFACE DRAINAGE	INSPECTION	PERIODIC		DESIGN REQUIREMENT

CONCRETE REINFORCING STEEL

1. SPECIAL INSPECTIONS ARE REQUIRED - SEE INSPECTION NOTES.
2. BARS: GRADE 60, DEFORMED, ASTM A615 - INCLUDING SUPPLEMENT S1, CBC CHAPTER 19, AND ACI 318, CHAPTER 7.
3. LAP SPLICE AND DEVELOPMENT LENGTHS SHOWN ABOVE THE FOOTING. SEE DETAIL ON SHEET 74: ACCORDING TO ACI 318 AS DOCUMENTED BY CRSI UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

CONCRETE

1. SPECIAL INSPECTIONS ARE REQUIRED - SEE INSPECTION NOTES.
2. A CONCRETE PERFORMANCE MIX SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND THE AUTHORITY HAVING JURISDICTION FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE PERFORMANCE MIX DESIGNS SHALL INCLUDE THE AMOUNTS OF CEMENT, CEMENTITIOUS MATERIAL, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES AS WELL AS THE WATER/CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH ACI 301 AND SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER. CHEMICAL ADMIXTURES AND FLY ASH SHALL CONFORM TO ASTM C494 AND C618 RESPECTIVELY. ADMIXTURES SHALL BE USED ONLY IF APPROVED BY THE STRUCTURAL ENGINEER AND OWNER. REVIEW OF MIX SUBMITTALS BY THE STRUCTURAL ENGINEER INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY TO CONTRACT DOCUMENTS. CONTRACTOR MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE. CONCRETE SUPPLIER AND MIX DESIGN ENGINEER SHALL REVIEW THE COMPATIBILITY OF THE DESIGN MIX FOR THE PROJECT CONDITIONS AND PROVIDE A STATEMENT OF REVIEW WITH NAME AND SIGNATURE.
3. THE DESIGN 28-DAY COMPRESSIVE STRENGTH IS 4,000 PSI.
4. THE MAXIMUM WATER/CEMENTITIOUS CONTENT RATIO MUST BE 0.55.
5. AIR CONTENT MUST BE 1% TO 2%.
6. THE MAXIMUM SLUMP MUST BE 4 INCHES.
7. THE CEMENT SHALL BE TYPE II/V PER ASTM C150. DESIGN MIXES THAT USE BLENDED CEMENTS PER ASTM C595, TYPE IT OR IL, SHALL INDICATE THE CONSTITUENT MASS, IN PERCENTAGE, OF THE BLENDED PRODUCTS PER THE STANDARD NAMING PRACTICE SPECIFIED IN THE ASTM. IN ADDITION, ALL BLENDED CEMENTS SHALL BE MANUFACTURED USING TYPE II/V PORTLAND CEMENT. ALL CONCRETE MIX DESIGNS USING BLENDED CEMENTS SHALL BE SIGNED BY A LICENSED PROFESSIONAL ENGINEER. OTHER BLENDED CEMENT TYPES ARE NOT ALLOWED UNLESS SUBMITTED FOR SUBSTITUTION PRIOR TO STARTING WORK.
8. THE MAXIMUM COARSE AGGREGATE SIZE MUST BE 1 INCH.
9. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED, POURED, FINISHED, AND CURED IN ACCORDANCE WITH ACI 301.
10. PROVIDE TESTING IN ACCORDANCE WITH ACI-318, SECTION 26.12. CONTRACTOR SHALL MAINTAIN RECORDS OF THE CONCRETE PER ACI 318, SECTION 26.5 AND SECTION 26.12 INCLUDING THE FOLLOWING: TRUCK BATCH CARD, ON- SITE FIELD TESTS, AND METHODS USED FOR CURING AND LENGTH OF CURE TIME.
11. ALL ANCHOR BOLTS, INSERTS, REINFORCING STEEL, DOWELS, AND OTHER EMBEDDED ITEMS SHALL BE SECURELY POSITIONED PRIOR TO POURING CONCRETE. ALL PLACED CONCRETE SHALL BE VIBRATED WITH A MECHANICAL VIBRATOR BY EXPERIENCED PERSONNEL. FOR CONCRETE CURING PROCEDURE SEE THE SPECIFICATIONS. SIDE FORMS FOR FOOTINGS AND SLABS ON GRADE SHALL BE REMOVED AFTER A MINIMUM OF 2 DAYS.
12. COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

CONCRETE CAST AND PERMANENTLY IN CONTACT WITH GROUND	3"
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	
#6 BAR AND LARGER	2"
W31 OR D31 WIRE, #5 BAR AND SMALLER	1 1/2"

EARTHWORK

1. SPECIAL INSPECTIONS ARE REQUIRED - SEE INSPECTION NOTES.
2. FOLLOW REQUIREMENTS IN THESE NOTES FOR WORK ON THE HILLSIDE FOR THE RAMP AND THE STAIRS.
3. FOLLOW REQUIREMENTS AND RECOMMENDATIONS IN THE BSK GEOTECHNICAL ENGINEERING REPORT FOR OTHER WORK.
4. REQUIRED PERCENT COMPACTION FOR SOIL IS BASED ON ASTM TEST METHOD D1557.
5. PREPARE EXISTING GROUND SURFACES WITHIN 5 FEET OF AREAS TO RECEIVE FILL AND IMPROVEMENTS - STRIP VEGETATION; DEMOLISH AND REMOVE DEBRIS, ORGANIC MATERIAL WITH MORE THAN 3 PERCENT ORGANIC MATERIAL BY DRY WEIGHT, ROOT BALLS AND ROOTS WITH DIAMETERS GREATER THAN 2 INCHES, AND ANY OTHER UNSUITABLE MATERIAL.
6. THE ENGINEER SHALL APPROVE THE LIMITS OF SITE PREPARATION AND THEY SHALL APPROVE PREPARED SURFACES PRIOR TO EXCAVATION AND COVERING THEM.
7. EXCAVATION MUST COMPLY WITH APPLICABLE CAL/OSHA REGULATIONS (CALIFORNIA CONSTRUCTION SAFETY ORDERS) - A COMPETENT PERSON SHALL DETERMINE THE SOIL TYPE AND REQUIREMENTS FOR TEMPORARY CUTSLOPE INCLINATIONS AND REGULARLY MONITOR UNSUPPORTED CUTSLOPES FOR EVIDENCE OF STABILITY FAILURES.
8. THE ENGINEER SHALL IDENTIFY THE NEED FOR AND REQUIRED DEPTHS OF OVEREXCAVATIONS TO REMOVE LOOSE/SOFT SOIL THAT LIES BENEATH PROPOSE FILL AND IMPROVEMENTS DURING THE CONTRACTOR'S SUBGRADE PREPARATION WORK.
9. THE ENGINEER SHALL APPROVE OVEREXCAVATION BOTTOMS BEFORE THE CONTRACTOR COVERS THEM.
10. THE CONTRACTOR SHALL SCARIFY SUBGRADES BENEATH FILL AND IMPROVEMENTS TO DEPTHS OF 8 INCHES, MOISTURE-CONDITION THE SOIL TO FACILITATE COMPACTION, AND THEN COMPACT THE SUBGRADE SOIL TO 95 PERCENT FOR PAVEMENT SUBGRADES AND 90 PERCENT FOR OTHER SUBGRADES.
11. PREPARATION OF SUBGRADES BENEATH FOOTINGS AND AT BOTTOMS OF UTILITY TRENCHES IS NOT REQUIRED UNLESS THE ENGINEER IDENTIFIES THE NEED FOR OVEREXCAVATION OR SOIL COMPACTION BENEATH FOOTING BOTTOMS DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL MAINTAIN SUBGRADES UNTIL THEY ARE COVERED AND REPEAT SUBGRADE PREPARATION WORK FOR DISTURBED SUBGRADES.
13. THE ENGINEER SHALL APPROVE SUBGRADES BEFORE THE CONTRACTOR COVERS THEM.
14. ENGINEERED FILL SHALL HAVE LESS THAN 3 PERCENT OF ORGANICS AND DELETERIOUS MATERIAL BY DRY WEIGHT.
15. ENGINEERED FILL SHALL HAVE THE FOLLOWING PARTICLE SIZE DISTRIBUTION (MINIMUM PERCENTAGES BY DRY WEIGHT FOR EACH LISTED SIEVE): 100 PERCENT PASSING THE 8-INCH-SQUARE SIEVE, 90 PERCENT PASSING THE 4-INCH-SQUARE SIEVE, 70 PERCENT PASSING THE ¾-INCH SQUARE SIEVE, AND 60 PERCENT PASSING THE U.S. NO. 4 SIEVE.
16. ENGINEERED FILL SHALL HAVE A PLASTICITY INDEX OF 15 OR LESS.
17. THE ENGINEER SHALL EVALUATE ON-SITE OR IMPORTED MATERIAL FOR USE AS ENGINEERED FILL BEFORE THE CONTRACTOR MOVES OR IMPORTS IT - INCLUDING EVALUATION OF SOIL CORROSIVITY.
18. THE CONTRACTOR SHALL MOISTURE CONDITION FILL MATERIAL TO FACILITATE COMPACTION AND COMPACT IT TO 95 PERCENT FOR FILL THICKER THAN 5 FEET AND 90 PERCENT FOR OTHER FILL.
19. THE CONTRACTOR SHALL PLACE FILL IN HORIZONTAL LIFTS THAT ARE LESS THAN 8 TO 12 INCHES IN UNCOMPACTED THICKNESS (DEPENDING ON THE CONTRACTORS PERFORMANCE) AND COMPACT EACH LIFT TO THE PROJECT REQUIREMENTS PRIOR TO PLACING SUBSEQUENT LIFTS.
20. ALL DISTURBED SLOPE FACES SHALL BE HYDROSEEDED WITH NATIVE GRASS MIX WHICH REQUIRES NO SUMMER IRRIGATION. SEE SPECIFICATIONS FOR HYDROSEEDING REQUIREMENTS.

No.	REVISION	BY	DATE
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REGISTERED PROFESSIONAL ENGINEER
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GRADING PERMIT NUMBER: BG26-00092

C103

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 82220
DEC. NO. 1809021
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
STAIR AND RAMP NOTES

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

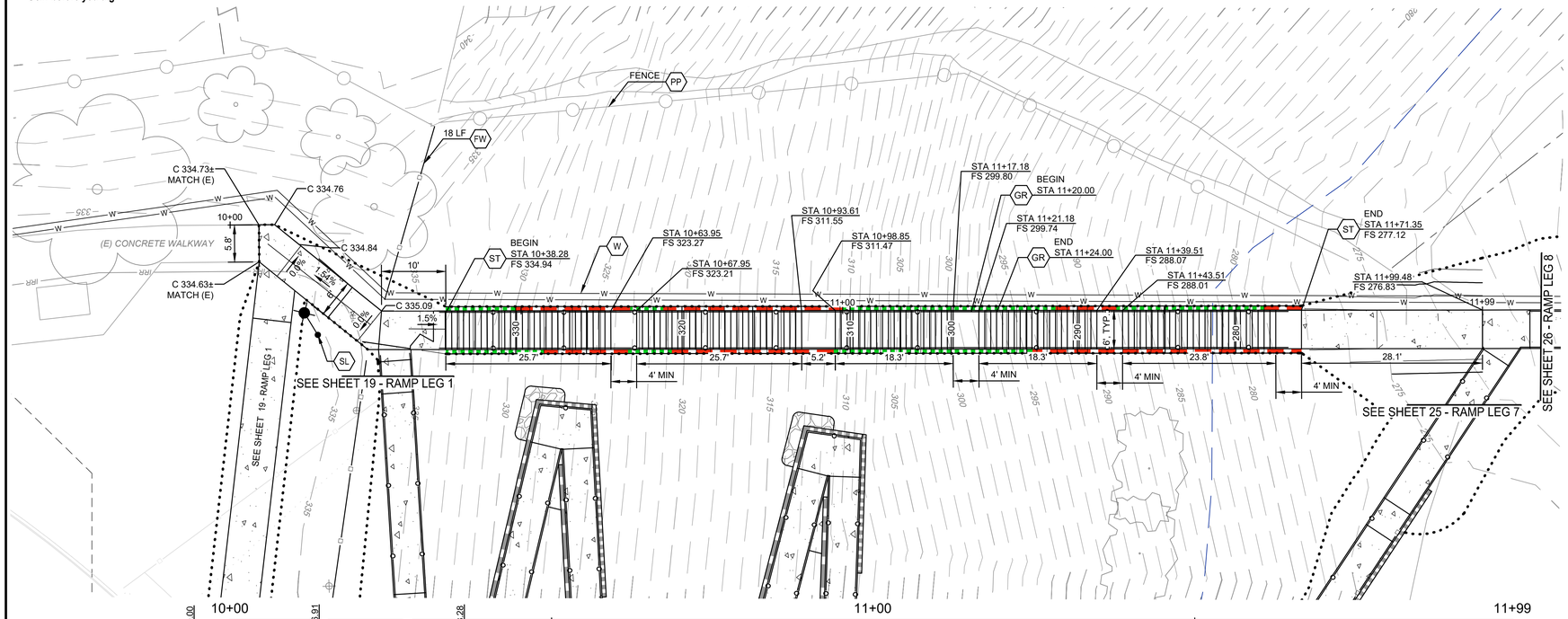
SHEET NO. 17
OF 133 SHEETS

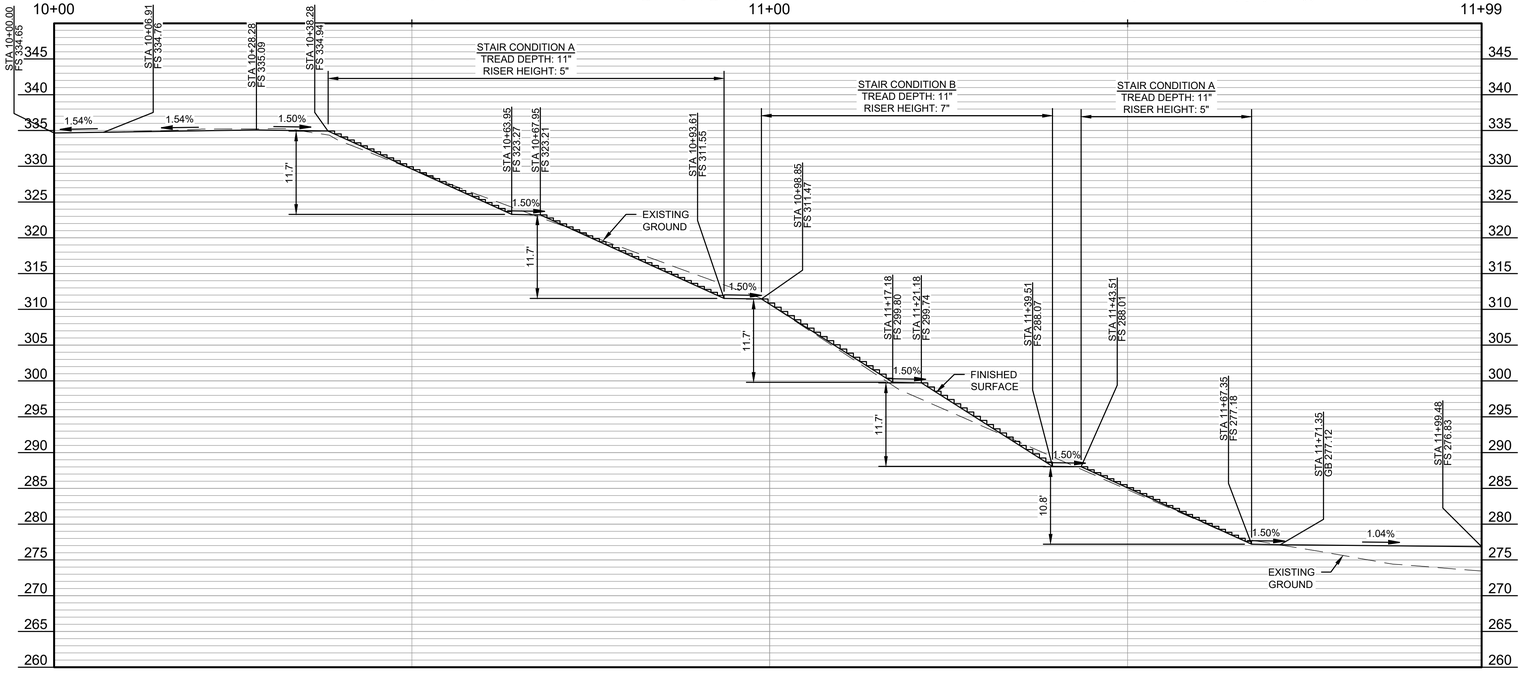
15-E-14598

10/19/2026 1:24 PM A:\Master_City of Fresno\15615\22023-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\34_Trail Access Sets\17 STAIR AND RAMP NOTES.dwg -Annemarie Fox

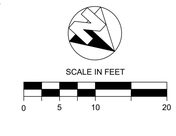
Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





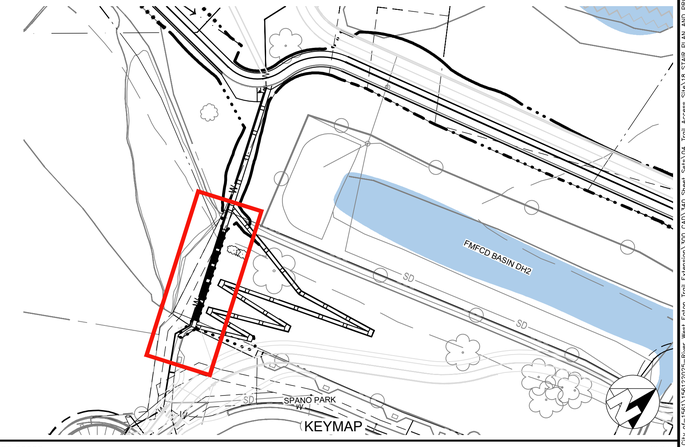
STAIRS PROFILE
SCALE = 1:10 HORIZONTAL
1X VERTICAL EXAGGERATION



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- APPROXIMATE LIMITS OF CONCRETE STAIRS CUT WALL - CONDITION A, SEE DETAIL 8 SHEET 71.
- APPROXIMATE LIMITS OF CONCRETE STAIRS CUT WALL - CONDITION B, SEE DETAIL 9 SHEET 71.
- FW — INSTALL 4' METAL FENCE — 9/70
- GR — INSTALL GUARD RAIL AS SHOWN PER PLAN — 7/71
- PP — PROTECT IN PLACE, ITEM AS NOTED
- SL — INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- ST — CONSTRUCT CAST IN PLACE CONCRETE STAIRS AND HANDRAILS, SEE DETAILS 8, 9 & 10 ON SHEET 71. RISER HEIGHT AND TREAD DEPTH CONDITIONS VARY AS SHOWN PER PLAN
- W — WATER MAIN, SEE UTILITY PLAN SHEETS 56-69



No.	REVISION	BY	DATE
4			
3			
2			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C104

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0985
FUND NO. 22525
ORG. NO. 58920
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

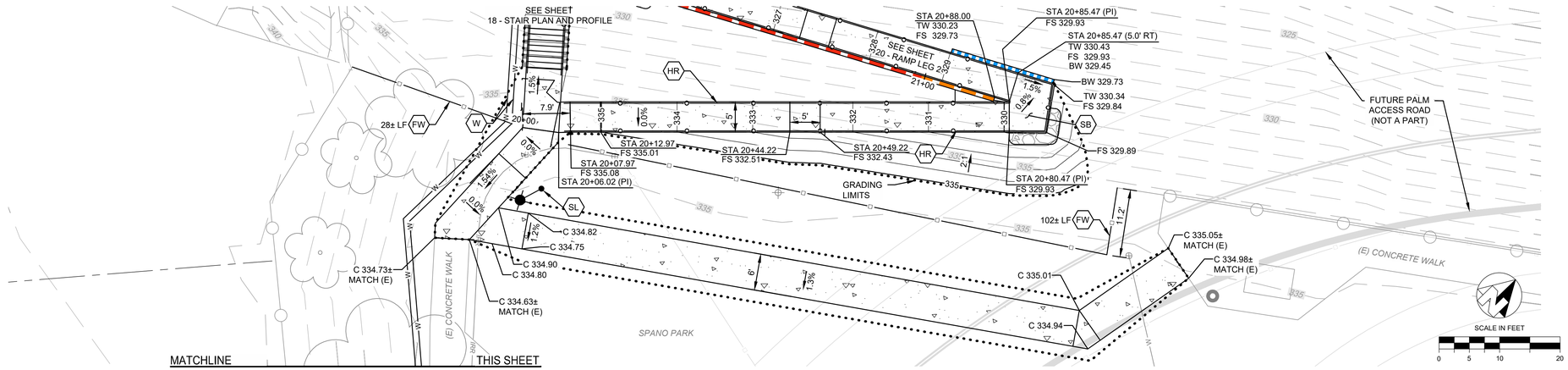
RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
STAIR PLAN AND PROFILE

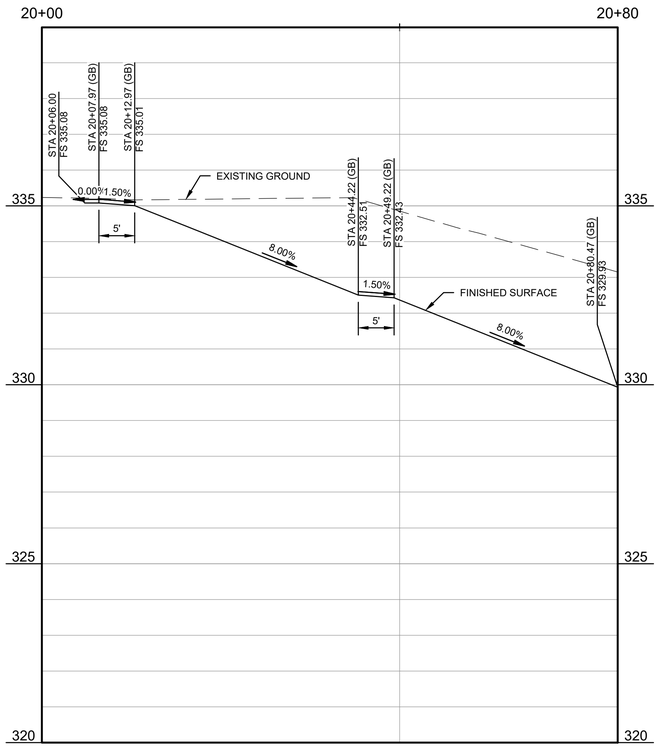
REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 18 OF 133 SHEETS
15-E-14599

10/19/2026 1:24 PM G:\Projects\City of Fresno\15E14599\25025-River West Eaton Trail Extension\CAD\240 Sheet Sets\04-Trail Access Sta\18 STAIR PLAN AND PROFILE.dwg -Annemarie Fox

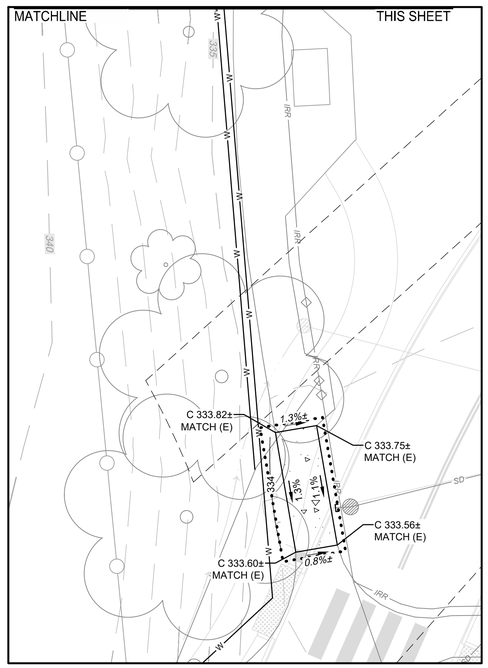
811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





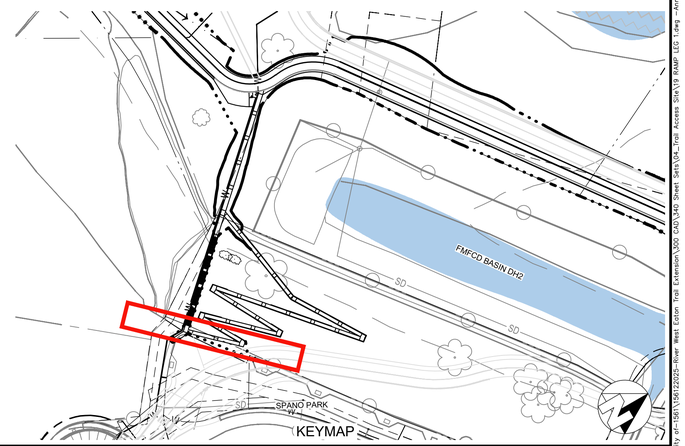
RAMP LEG 1 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION



NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION A SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION B SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION C SEE DETAIL 2 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- FW: INSTALL 4' METAL FENCE — 9/70
- INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- HR: INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- SB: TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- SL: INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- W: WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C105

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. NO. PWC0086
FUND NO. 22023
ORG. NO. 159001
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 1

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

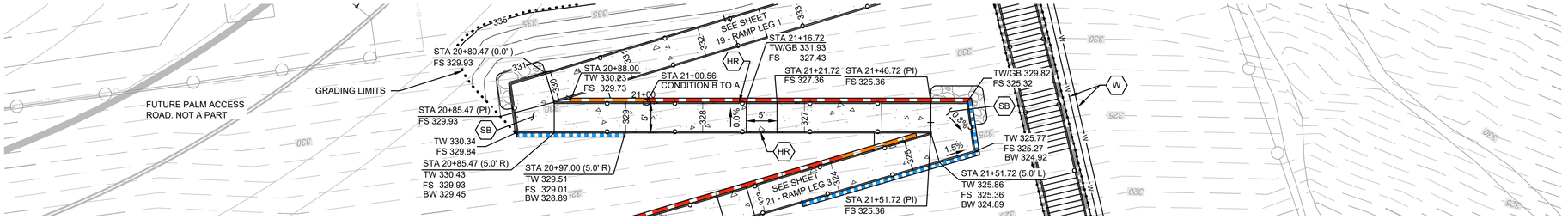
SHEET NO. 19
OF 133 SHEETS

15-E-14600

10/19/2026 7:25 PM B:\Fresno_City of-1561\1561202\2-River West Eaton Trail Extension\100 CAD\240 Sheet Sets\104_Civil Access Sets\19 RAMP LEG 1.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD



SCALE IN FEET
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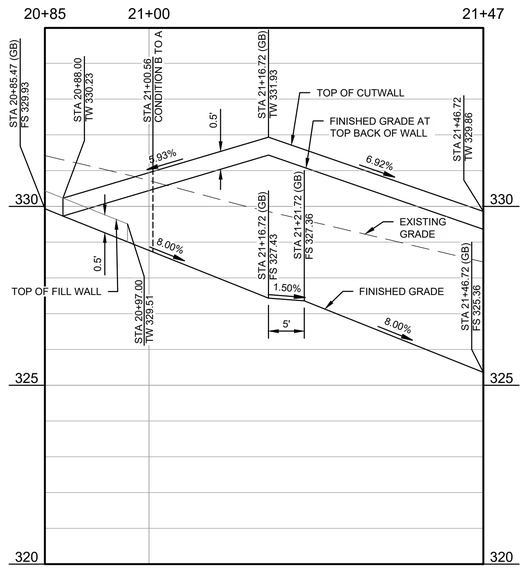
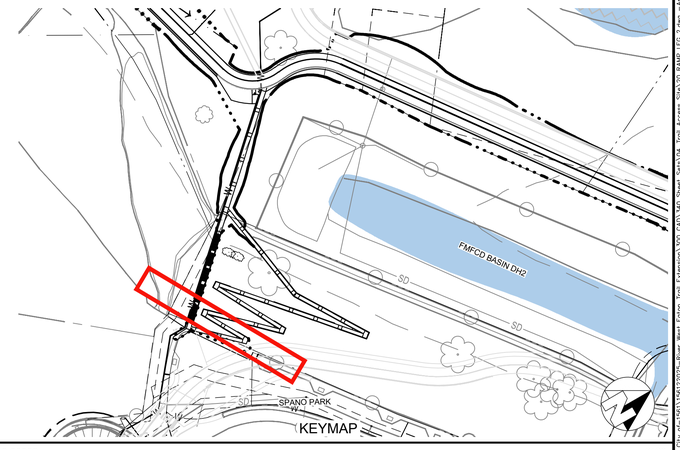


RAMP LEG 2 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION A SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION B SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION C SEE DETAIL 2 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- INSTALL 4' METAL FENCE — 9/70
- INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- HR INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- SB TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- W WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C106

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22422
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

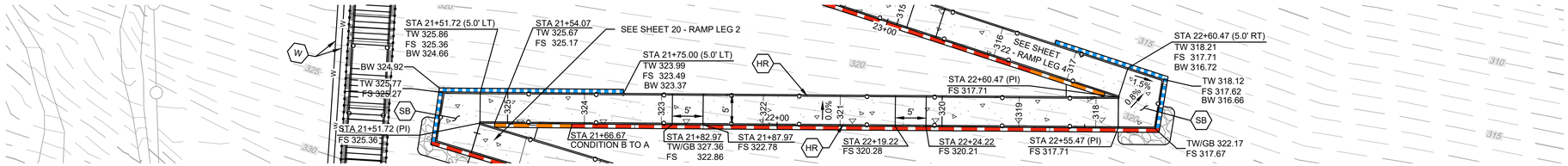
RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 2

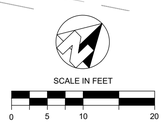
REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 20
OF 133 SHEETS
15-E-14601

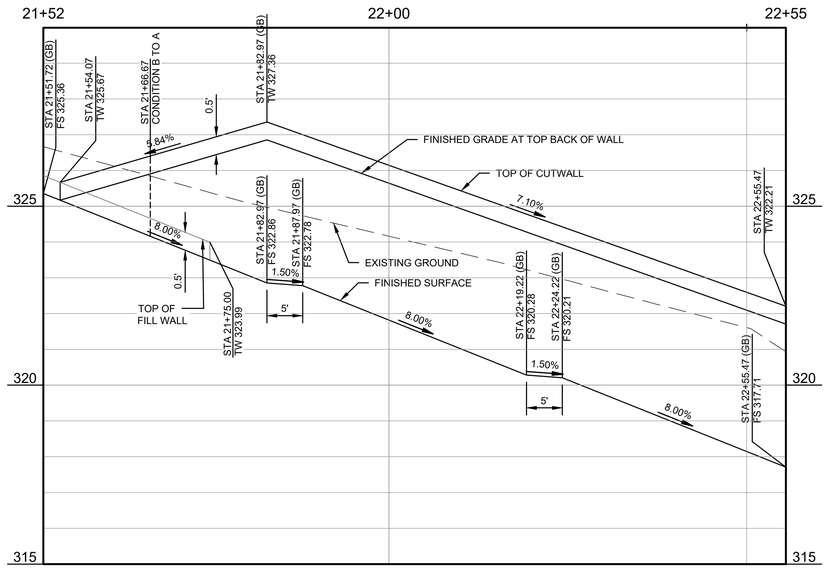
10/19/2026 3:36 PM G:\Fresno...\Dry pt~5901\C106123025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\PA_Trail Access Sets\20 RAMP LEG 2.dwg -Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD







RAMP LEG 3 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
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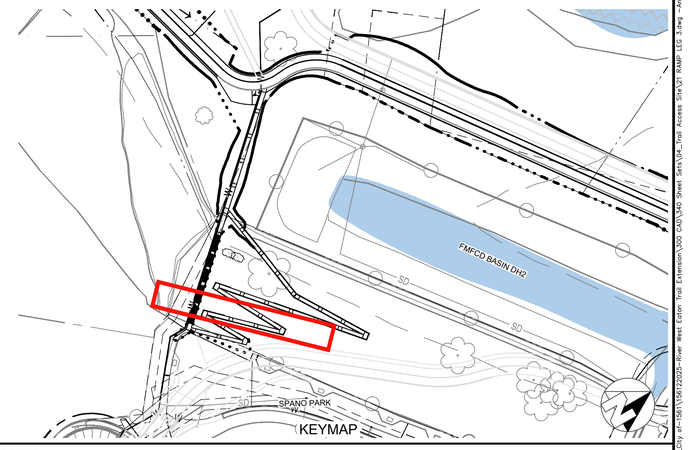
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION B SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION C SEE DETAIL 2 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- INSTALL 4' METAL FENCE — 9/70
- INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- HR INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- SB TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- W WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C107

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0886
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

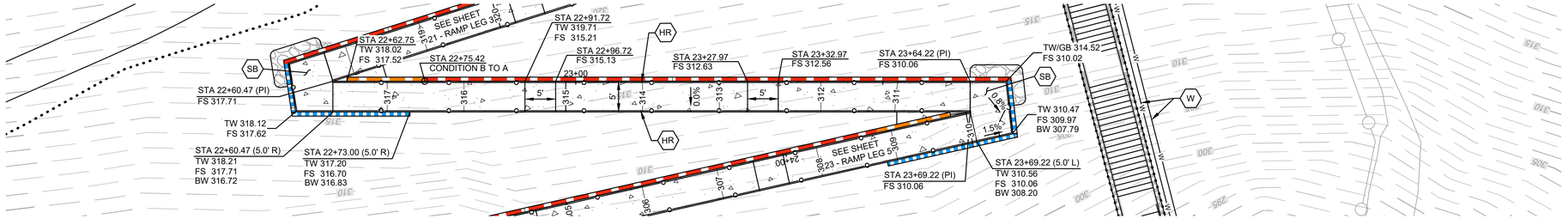
RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 3

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: MN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 21
OF 133 SHEETS
15-E-14602

10/19/2026 1:36 PM By Vrishni Ely pf-1561\1561V03\2025-River West Eaton Trail Extension\100 CAD\340 Sheet Sets\04-Trail Access Sht\21 RAMP LEG 3.dwg -Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD



SCALE IN FEET
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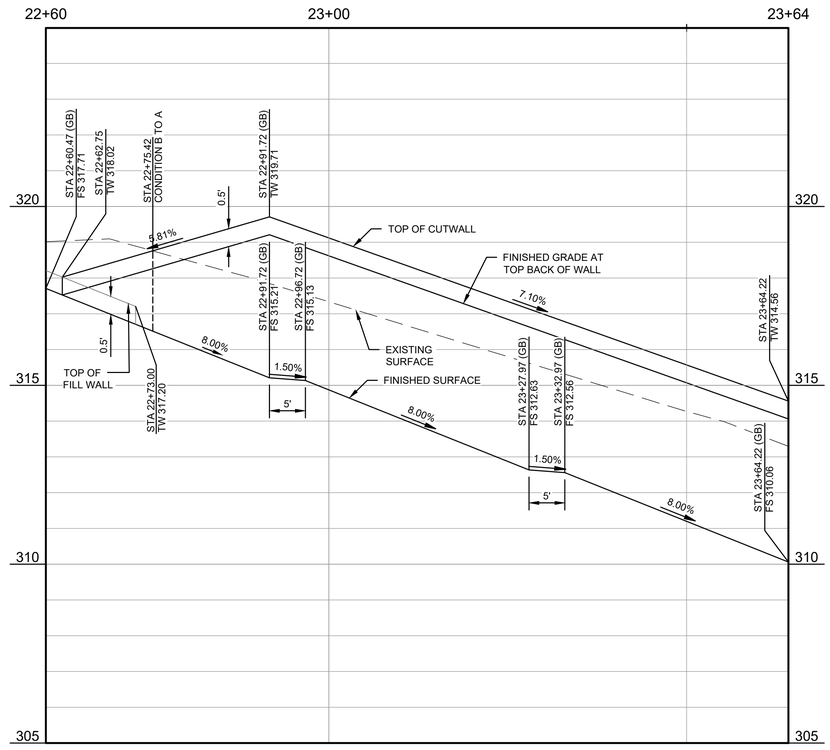

RAMP LEG 4 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
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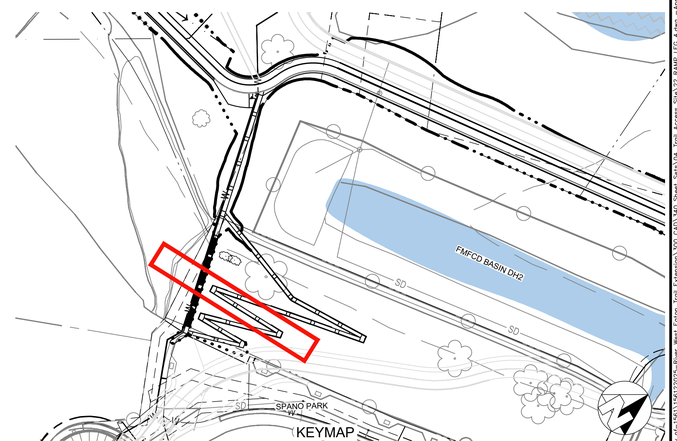
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- INSTALL 4' METAL FENCE — 9/70
- INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- (HR) INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- (SB) TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- (W) WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
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100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C108

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FMC0986
FUND NO. 66450
ORG. NO. 1697001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 4

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

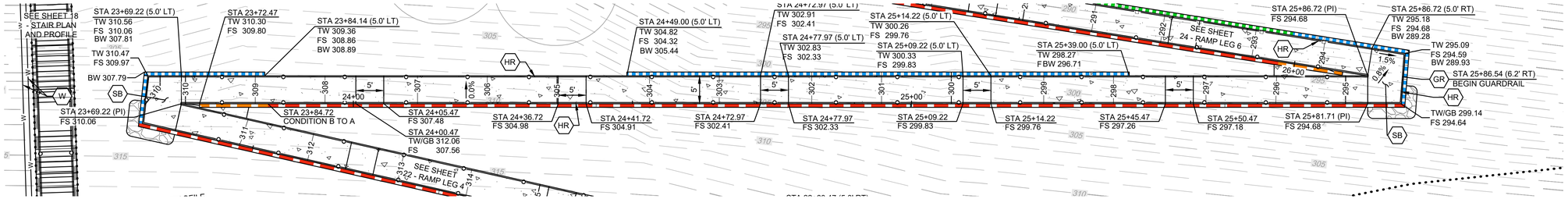
SHEET NO. 22 OF 133 SHEETS

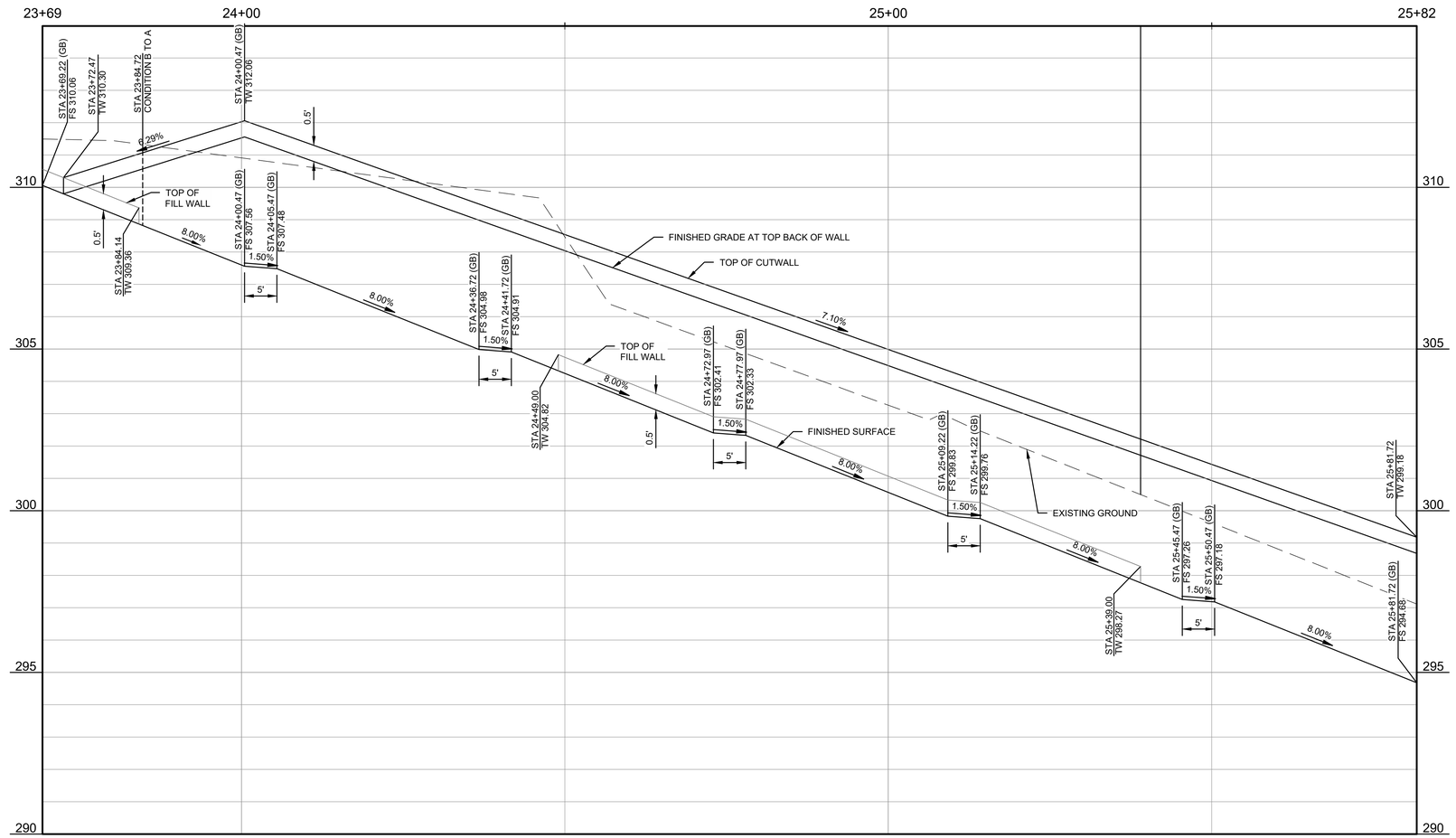
15-E-14603

10/19/2026 1:27 PM S:\Fresno_City of-1561\13212025_River West Eaton Trail Extension\300 CAD\340 Sheet Sets\02A Trail Access Site\22 RAMP LEG 4.dwg - Annemarie Fox

Know what's **below.**
Call before you dig.

WARNING
POWER LINES OVERHEAD





RAMP LEG 5 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION



NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
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- INSTALL 4' METAL FENCE — 9/70
- GR INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
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- PROTECT IN PLACE, ITEM AS NOTED
- SB TYPICAL SWITCHBACK ENLARGEMENT — 6/71
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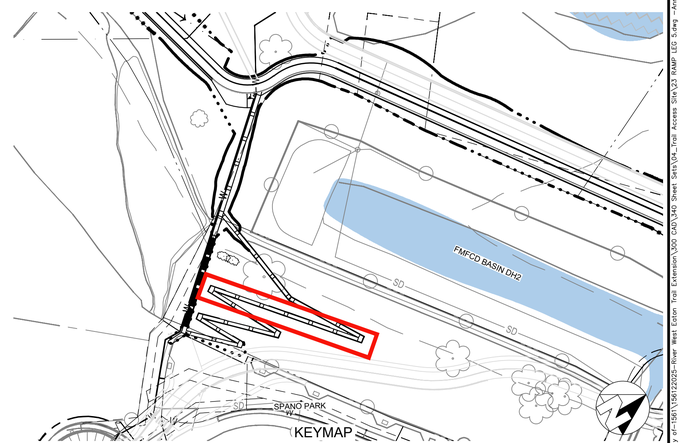
- WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
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100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

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www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C109

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 5

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

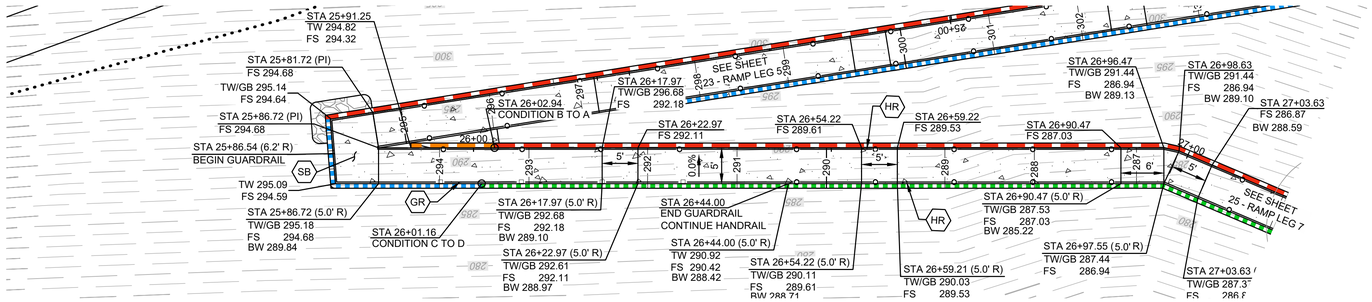
SHEET NO. 23
OF 133 SHEETS

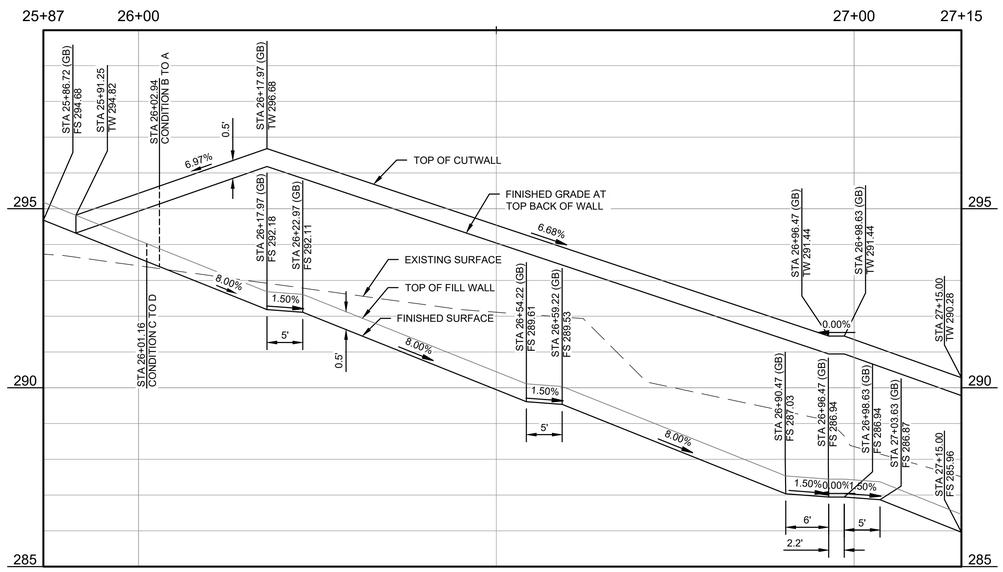
15-E-14604

10/19/2026 1:22 PM G:\Projects_City of Clovis\15912023-River West Eaton Trail Extension\300 CAD\345 Sheet plots\04-Trail Access Sht\23 RAMP LEG 5.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





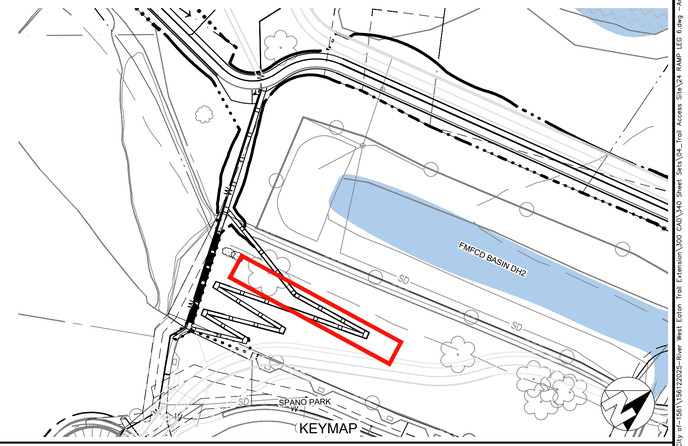
RAMP LEG 6 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION A SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE CUT RETAINING WALLS WALL CONDITION B SEE DETAIL 1 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION C SEE DETAIL 2 ON SHEET 74
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- INSTALL 4' METAL FENCE — 9/70
- INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- HR INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- SB TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71

SCALE IN FEET
0 5 10 20



No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C110

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID P#00986
FUND NO. 22225
DEPT. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

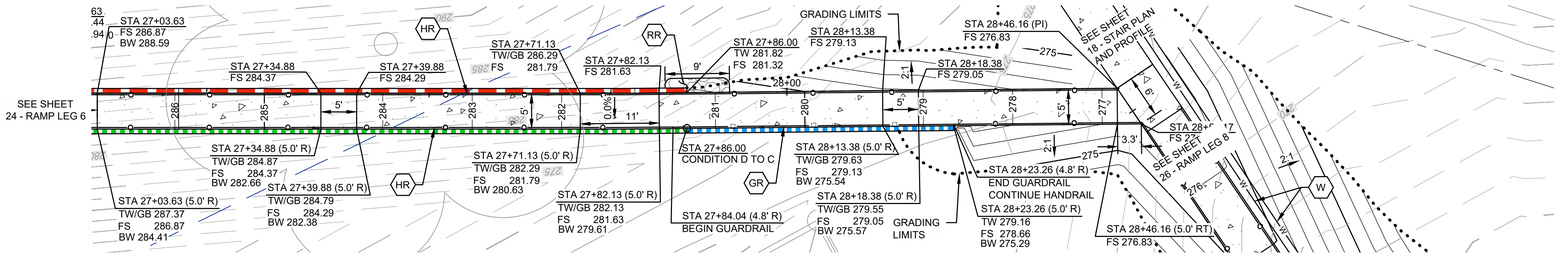
RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 6

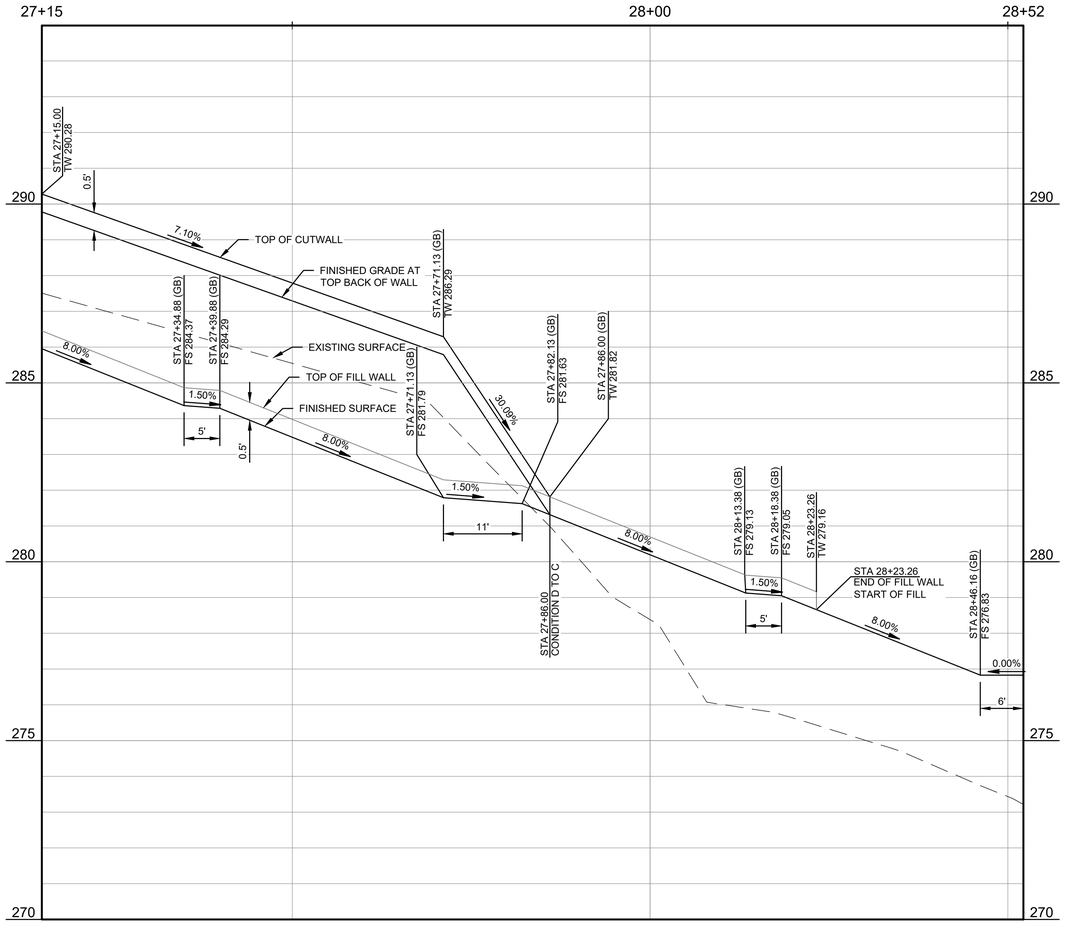
REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 24
OF 133 SHEETS
15-E-14605

10/19/2026 - 2:28 PM G:\Fresno_City_pf-15901\126122025-River West Eaton Trail Extension\300 CAD\300 Sheet Sets\30k_Trail Access Sets\24 RAMP LEG 6.dwg -- Annemarie Fox

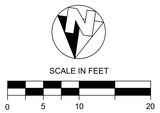
Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





RAMP LEG 7 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
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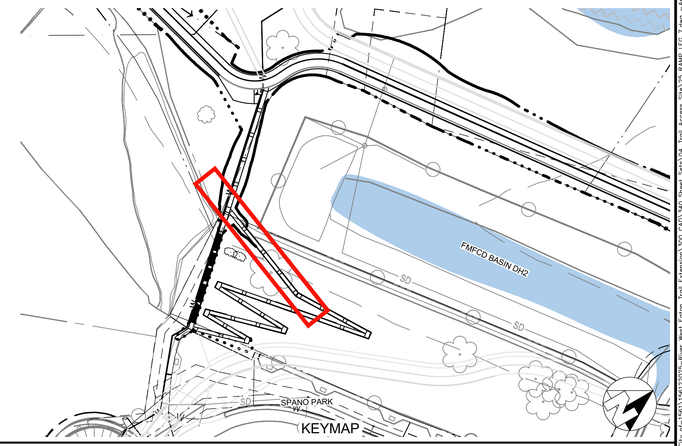
- APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74
- INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL — 1/72
- INSTALL 4' METAL FENCE — 9/70
- GR INSTALL GUARDRAIL AS SHOWN PER PLAN — 7/71
- HR INSTALL HANDRAIL — 7/71
- PROTECT IN PLACE, ITEM AS NOTED
- SB TYPICAL SWITCHBACK ENLARGEMENT — 6/71
- INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION — 3/70
- WATER MAIN, SEE UTILITY PLAN SHEETS 56-69
- INSTALL RIP RAP — 6/71



No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FARR No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C111

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWC0086
FUND NO. 52220
DEL. NO. 1809021
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 7

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: MN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

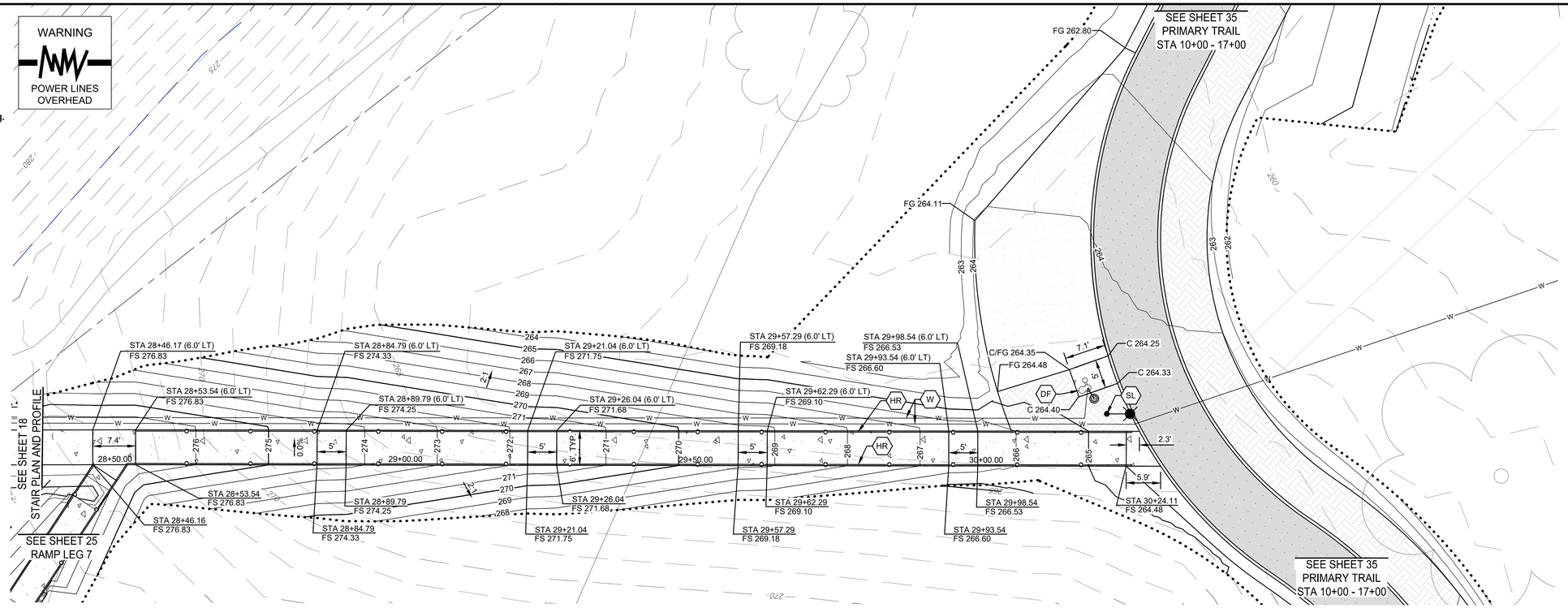
SHEET NO. 25 OF 133 SHEETS

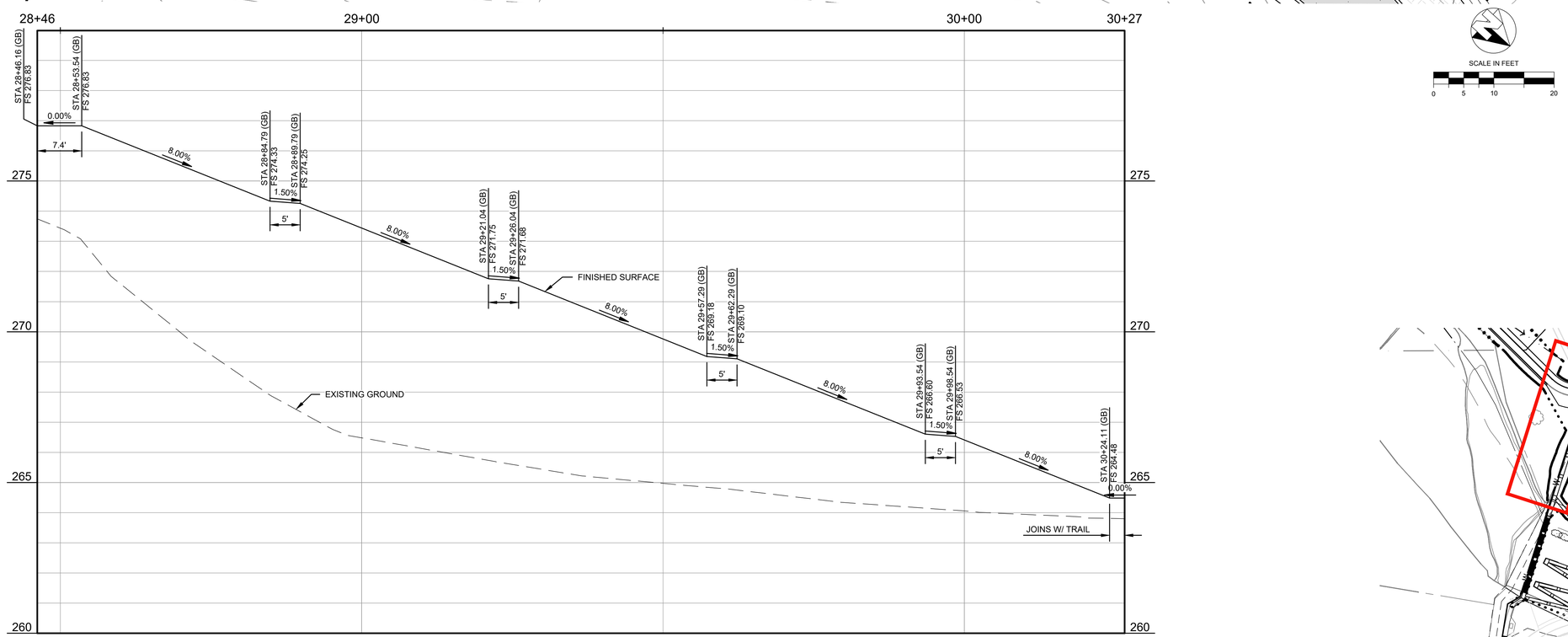
15-E-14606

10/19/2026 1:28 PM G:\Projects_City of Fresno\15615\22025-River West Eaton Trail Extension\000 CAD\340 Sheet Sets\03A_Trail Access Sets\25 RAMP LEG 7.dwg - Annemarie Farr

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





RAMP LEG 8 PROFILE
SCALE = 1:10 HORIZONTAL
5X VERTICAL EXAGGERATION

SCALE IN FEET
0 5 10 20

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

	CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
	CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
	CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
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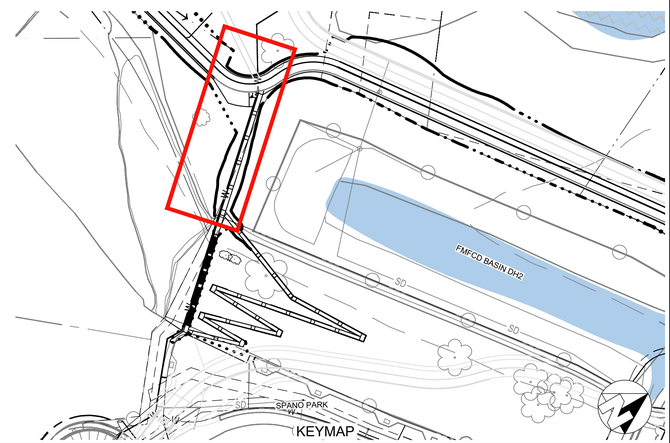
	APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION C SEE DETAIL 2 ON SHEET 74	
	APPROXIMATE LIMITS OF CAST IN PLACE CONCRETE FILL RETAINING WALLS WALL CONDITION D SEE DETAIL 2 ON SHEET 74	
DF	INSTALL HI-LO DRINKING FOUNTAIN WITH DOG BOWL OR MANUFACTURED APPROVED EQUAL AND DRY WELL	1/72
	INSTALL 4' METAL FENCE	9/70
	INSTALL GUARDRAIL AS SHOWN PER PLAN	7/71
HR	INSTALL HANDRAIL	7/71
	PROTECT IN PLACE, ITEM AS NOTED	
SB	TYPICAL SWITCHBACK ENLARGEMENT	6/71
SL	INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION	3/70
W	WATER MAIN, SEE UTILITY PLAN SHEETS 56-69	
	INSTALL RIP RAP	6/71



No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE PAK
No. 91171
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STATE OF CALIFORNIA

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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C112

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWC00886
FUND NO. 22220
DEC. NO. 1809921
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PALM AVENUE
RAMP LEG 8

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 26
OF 133 SHEETS
15-E-14607

10/19/2026 1:29 PM G:\Projects_City of Fresno\15615\25025-River West Eaton Trail Extension\000 CAD\340 Sheet Sets\05A_Trail Access Sets\05 RAMP LEG 8.dwg - Annemarie Pak

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

SEE TRAIL SHEET 49

SEE TRAIL SHEET 50 FOR MORE INFORMATION.

"HORSE TRAILER PARKING ONLY"

HORSE TRAILER PARKING

R100B (CA) PARKING LOT CLOSED SUNSET TO SUNRISE

PROPOSED POWER POLE - SEE UTILITY SHEETS

PROPOSED PG&E METER - SEE UTILITY SHEETS

CHAIN LINK FENCE

SR 41 ROW

PROPERTY LINE

PERRIN AVE

(E) CALTRANS STORMWATER BASIN

(E) PATHWAY TO REMAIN

(E) DRAIN INLET

(E) COMMUNICATIONS UTILITY BOX

(E) ELECTRICAL UTILITY

MATCHLINE

SEE SHEET 28

TYP. OF 26 BO

TYP. OF 5 WS

TYP. OF 4 ST

TYP. OF 2 ST

POINT TABLE		
POINT #	NORTHING	EASTING
100	2201279.93	6329748.51
101	2201253.09	6329769.72
102	2201217.01	6329728.20
103	2201233.36	6329649.85
104	2201241.11	6329708.32
105	2201275.06	6329706.10
106	2201210.43	6329653.65
107	2201221.00	6329650.27
108	2201290.43	6329609.10
109	2201324.50	6329576.99
110	2201341.17	6329606.04
111	2201342.38	6329626.00

POINT TABLE		
POINT #	NORTHING	EASTING
112	2201374.30	6329573.98
113	2201373.09	6329554.02
114	2201532.03	6329614.54
115	2201530.82	6329594.57
116	2201562.74	6329542.55
117	2201563.95	6329562.52
118	2201599.99	6329495.76
119	2201603.88	6329560.15
120	2201596.10	6329431.38
121	2201605.66	6329590.09
122	2201594.29	6329401.43
123	2201564.16	6329433.31

POINT TABLE		
POINT #	NORTHING	EASTING
124	2201567.34	6329403.06
125	2201537.40	6329405.03
126	2201444.38	6329440.55
127	2201421.35	6329441.94
128	2201415.90	6329412.21
129	2201628.27	6329367.14
130	2201323.90	6329517.96
131	2201319.68	6329448.08
132	2201317.87	6329418.14
133	2201636.25	6329366.66
134	2201224.55	6329529.37
135	2201357.82	6329445.78

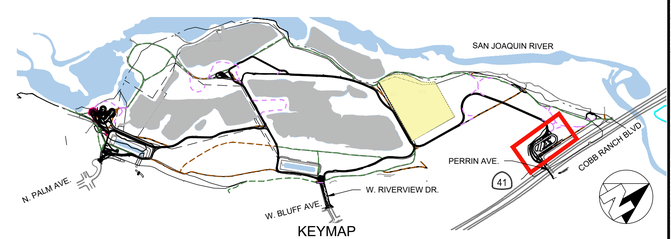
POINT TABLE		
POINT #	NORTHING	EASTING
136	2201516.22	6329386.12
137	2201515.86	6329380.14
138	2201602.24	6329333.99
139	2201394.06	6329547.74
140	2201408.50	6329538.98
141	2201425.80	6329519.45
142	2201450.49	6329491.59
143	2201475.17	6329463.73
144	2201638.55	6329404.42

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

	CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
	CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
	CONSTRUCT ROAD (VEHICULAR) CONCRETE	2/70
	CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
	CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
	CONSTRUCT AGGREGATE BASE SURFACING	3/71
	DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLAN A88A	
	PLACE 7" AC PLUG OVER 0.5' COMPACTED NATIVE SOIL PER CITY OF FRESNO STD. DWG P-48	
	CONSTRUCT COMPACTED NATIVE SURFACING	5/71
AD	CONSTRUCT ADA PARKING STALL AND AMENITIES	5/70
BO	INSTALL BOLLARD PER CITY OF FRESNO STD. DWG P-61	
FC	INSTALL 6' TALL CHAIN LINK FENCE PER CITY OF FRESNO STD DWG P-98, LENGTH AS NOTED ON PLANS	
FD	INSTALL FIRE DEPARTMENT SIGN PER FRESNO FIRE DEPARTMENT SECTION 403.005 AND CITY OF FRESNO STD. DWG P-88	
FH	INSTALL FIRE HYDRANT PER CITY OF FRESNO STD. DWG W-3, SEE UTILITY PLAN SHEETS 56-69	
GA	INSTALL ACCESS RAMP GATE PER CITY OF FRESNO STD. DWG P-99 WITH AN APPROVED FIRE/POLICE PADLOCK AND 4' X 8' RAISED MEDIAN	
GM	INSTALL GATEWAY MONUMENT, REF. LANDSCAPE PLANS	
GP	INSTALL GUARD POSTS PER 2025 CALIFORNIA FIRE CODE SECTION 312.2	
LP	FOR ADDITIONAL SITE FURNISHING AND SURFACING SEE LANDSCAPE SHEETS 75-106	
PP	PROTECT IN PLACE, ITEM AS NOTED	
PM	INSTALL PARKMOBILE SIGN ON POST PER CITY OF FRESNO STD. DWG. P-88. SIGN PROVIDED BY CITY.	
SL	INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION	3/70
TW	INSTALL TOW-AWAY SIGNAGE	10/70
VR	INSTALL VAULT RESTROOM PER MANUFACTURER, SEE SHEET 73	4/70
W	WATER MAIN, SEE UTILITY PLAN SHEETS 56-69	
WS	INSTALL TIMBER WHEEL STOP PER LANDSCAPE PLANS	
ST	INSTALL 4" WIDE WHITE PAINTED STRIPE	
RA	CONSTRUCT RAISED ASPHLALT SECTION	
RB	INSTALL REMOVABLE BOLLARD PER CITY OF FRESNO STD. DWG P-61	
SN	INSTALL TRAFFIC SIGN AS NOTED ON PLANS PER CITY OF FRESNO STD. DWG P-88	

SCALE IN FEET
0 10 20 40



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FARR No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
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455 W FIR AVENUE
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GRADING PERMIT NUMBER: BG26-00092

C201

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID P-00986
FUND NO. 14222
ORG. NO. 1597001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
WOODWARD WEST
SITE PLAN 1

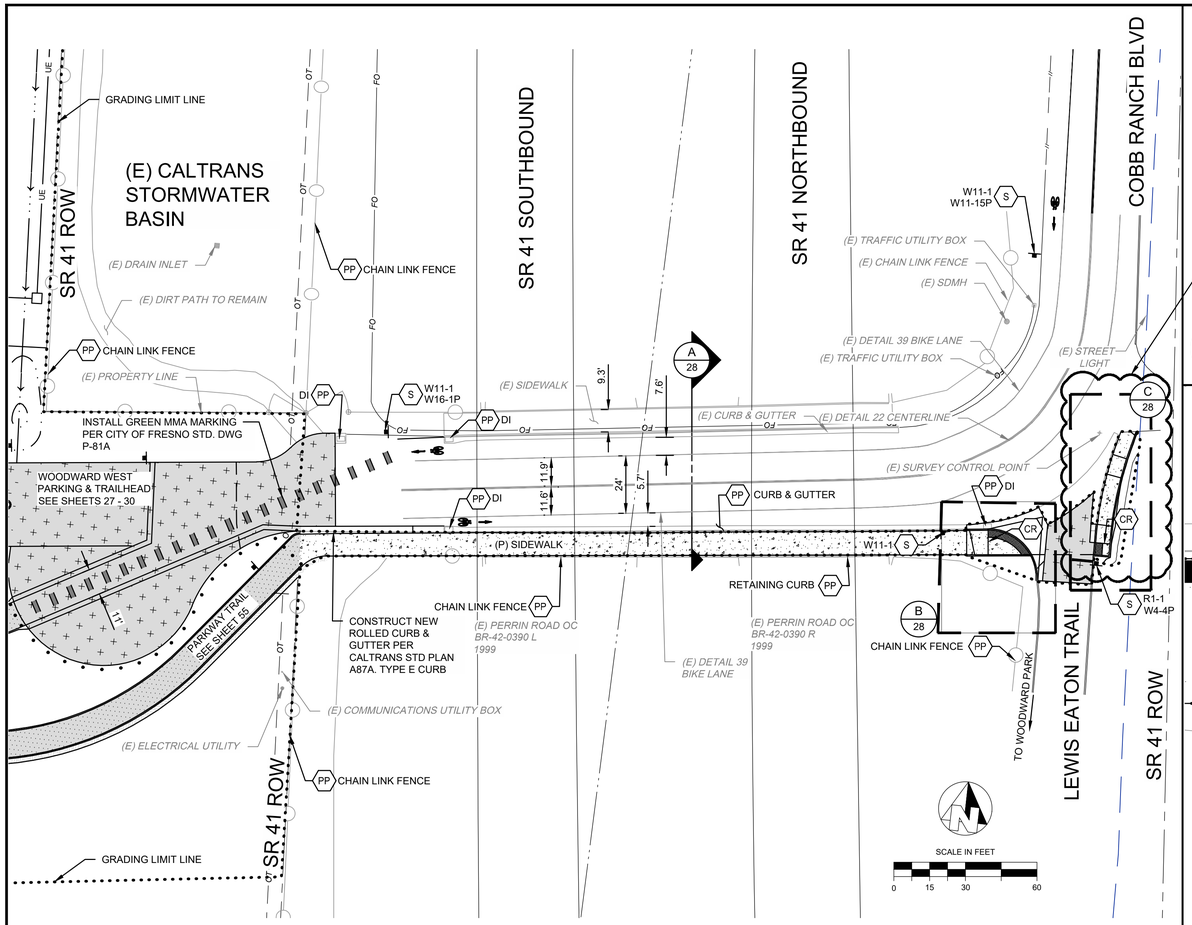
REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

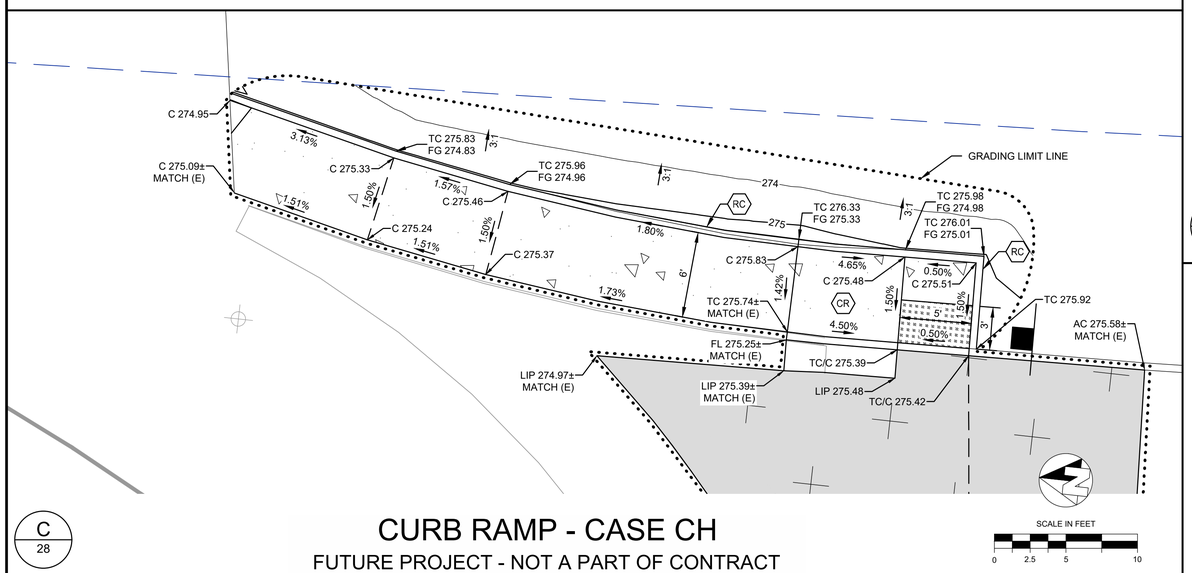
SHEET NO. 27
OF 133 SHEETS

15-E-14608

10/19/2026 1:29 PM G:\Fresno_City of-1581\1581220\25-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\WA_Trail Access SW\27 SITE PLAN 1.dwg Annemarie Farr



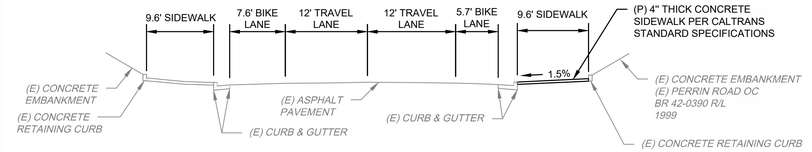
PLAN VIEW



C 28

CURB RAMP - CASE CH

FUTURE PROJECT - NOT A PART OF CONTRACT

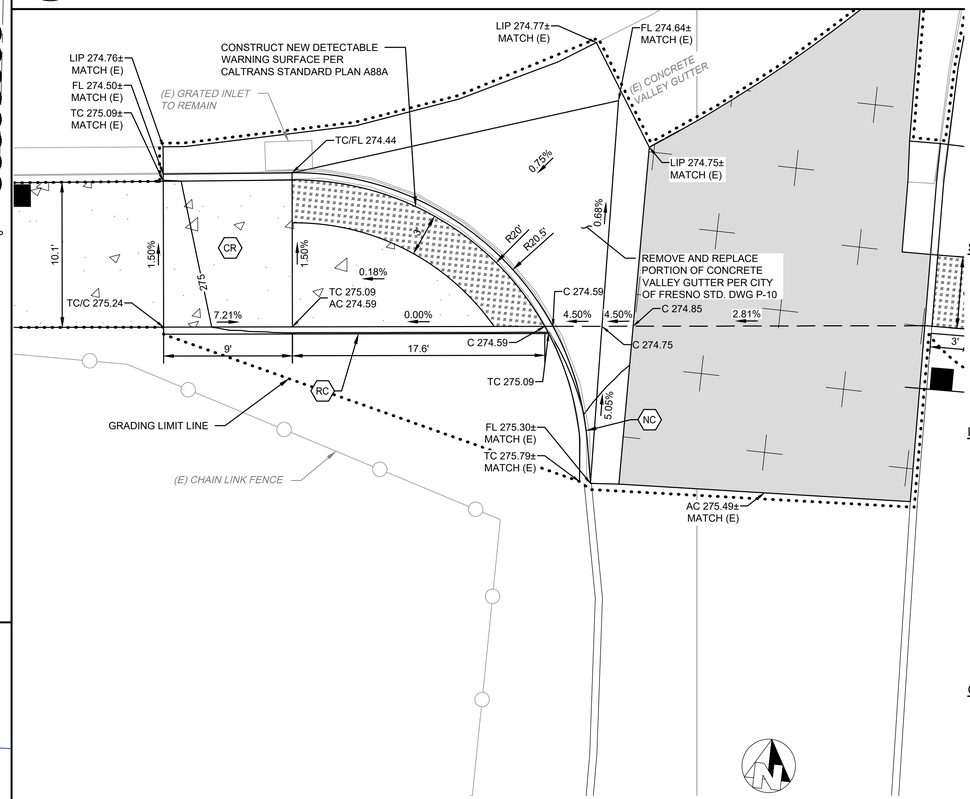


SEPARATE CONTRACT; BASE BID NOT TO INCLUDE THE FOLLOWING:
- CASE CH CURB RAMP AND ADJACENT SIDEWALK
- LEWIS EATON TRAIL VEHICULAR AC

A 28

TYPICAL CROSS SECTION

N.T.S.

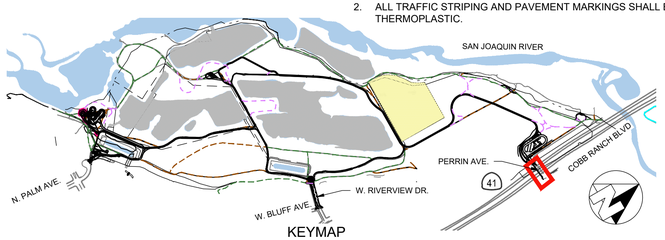


B 28

CURB RAMP - CASE CM

GENERAL NOTES

1. CONTRACTOR TO REMOVE ALL EXISTING CONFLICTING STRIPING.
2. ALL TRAFFIC STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



KEYMAP

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
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- PLACE 7" AC PLUG OVER 0.5' COMPACTED NATIVE SOIL PER CITY OF FRESNO STD. DWG P-48

STRIPING LEGEND

- BIKE LANE ARROW WITH BIKE SYMBOL PER CALTRANS STANDARD PLAN A24A AND A24C. BIKE LANE SYMBOL AND BIKE LANE ARROW SHALL BE 72 INCHES APART PER CA MUTCD.
- "STOP" PAVEMENT MARKING PER CALTRANS STD. PLANS DETAIL A24D
- LIMIT LINE PAVEMENT MARKING PER CALTRANS STD. PLANS DETAIL A24G

LEGEND

- XXX — TRAFFIC LINE DETAIL PER CALTRANS STD. PLANS
- 39 — BIKE LANE
- CR — CONSTRUCT CASE CM CURB RAMP PER CALTRANS STD. PLANS AND PER DETAIL B.
- NC — REMOVE AND REPLACE EXISTING CURB PER CITY STD PLANS.
- PP — PROTECT IN PLACE (ITEM AS NOTED)
- RC — VARIABLE HEIGHT RETAINING CURB (0-0.5') PER DETAIL 8 ON SHEET 70.
- S — INSTALL SIGN WITH FOUNDATION PER CITY OF FRESNO STANDARD DRAWING P-88.

CONSTRUCTION NOTES

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE 2023 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, INCLUDING ALL REVISIONS WITH EXCEPTION TO RSP A20A, RSP A20B, RSP A20C, AND RSP A20D, DETAIL 1 THROUGH 32 SHALL USE 4" WIDE STRIPE, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), AND THE LATEST EDITION OF THE CITY OF MENDOTA STANDARD SPECIFICATIONS, DRAWINGS, AND SPECIAL PROVISIONS.
2. THESE PLANS ARE ACCURATE FOR SIGNING AND STRIPING ONLY.
3. ALL SIGNS SHALL BE TYPE III OR IV RETROREFLECTIVE SHEETING PER ASTM D4956-09. ALL SIGNS SHALL BE COVERED WITH A TRANSLUCENT ANTI-GRAFFITI FLUOROPOLYMER FILM THAT DOES NOT IMPAIR THE REFLECTIVITY OF THE SIGN.
4. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC.
5. ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE.

No.	REVISION	BY	DATE
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C202

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PW. FILE NO. 13245
PROJ. ID. PWC0985
FUND NO. 22555
ORG. NO. 55501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
WOODWARD WEST
SITE PLAN 2

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 28
OF 133 SHEETS
15-E-14609

10/17/2026 3:33 PM G:\Projects\Xy pf-15613\2025-River West Eaton Trail Extension\CAD\140 Sheet Sets\PA-Trail Access Site\28 SITE PLAN 1.dwg - Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

LIMITS OF GRADING

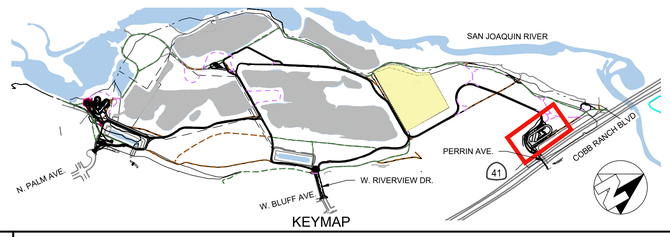
(E) TOP OF BLUFF

(E) TOE OF BLUFF

(E) CALTRANS STORMWATER BASIN

FG 270.5

SCALE IN FEET
0 20 40 80



KEYMAP

No.	REVISION	BY	DATE
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ANNE MARIE POOLE
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PW. FILE NO. 13245
PROJ. ID ____ FWD0986
FUND NO. 42225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
WOODWARD WEST
OVERALL GRADING PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 29 OF 133 SHEETS
15-E-14610

10/19/2026 1:35 PM G:\Projects\City of Fresno\15245\02020-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\09 Grading Plans\29 OVERALL GRADING PLAN.dwg -Annemarie Fox

REFER TO SHEETS 49 & 50
FOR TRAIL IMPROVEMENTS.

WARNING
POWER LINES
OVERHEAD

811 Know what's below. Call before you dig.

RAISED ASPHALT SECTION. SEE DETAIL 4, SHEET 70.

GRADE BREAK/RIDGE LINE

SCALE IN FEET
0 10 20 40

KEYMAP
SAN JOAQUIN RIVER
N. PALM AVE.
W. BLUFF AVE.
W. RIVERVIEW DR.
PERRIN AVE.
COBB RANCH BLVD
41

No.	REVISION	BY	DATE
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C204

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PW. FILE NO. 13245
PROJ. ID. PWC00286
FUND NO. 22525
ORG. NO. 159501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
WOODWARD WEST
ENLARGED GRADING PLAN

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 30
OF 133 SHEETS

15-E-14611

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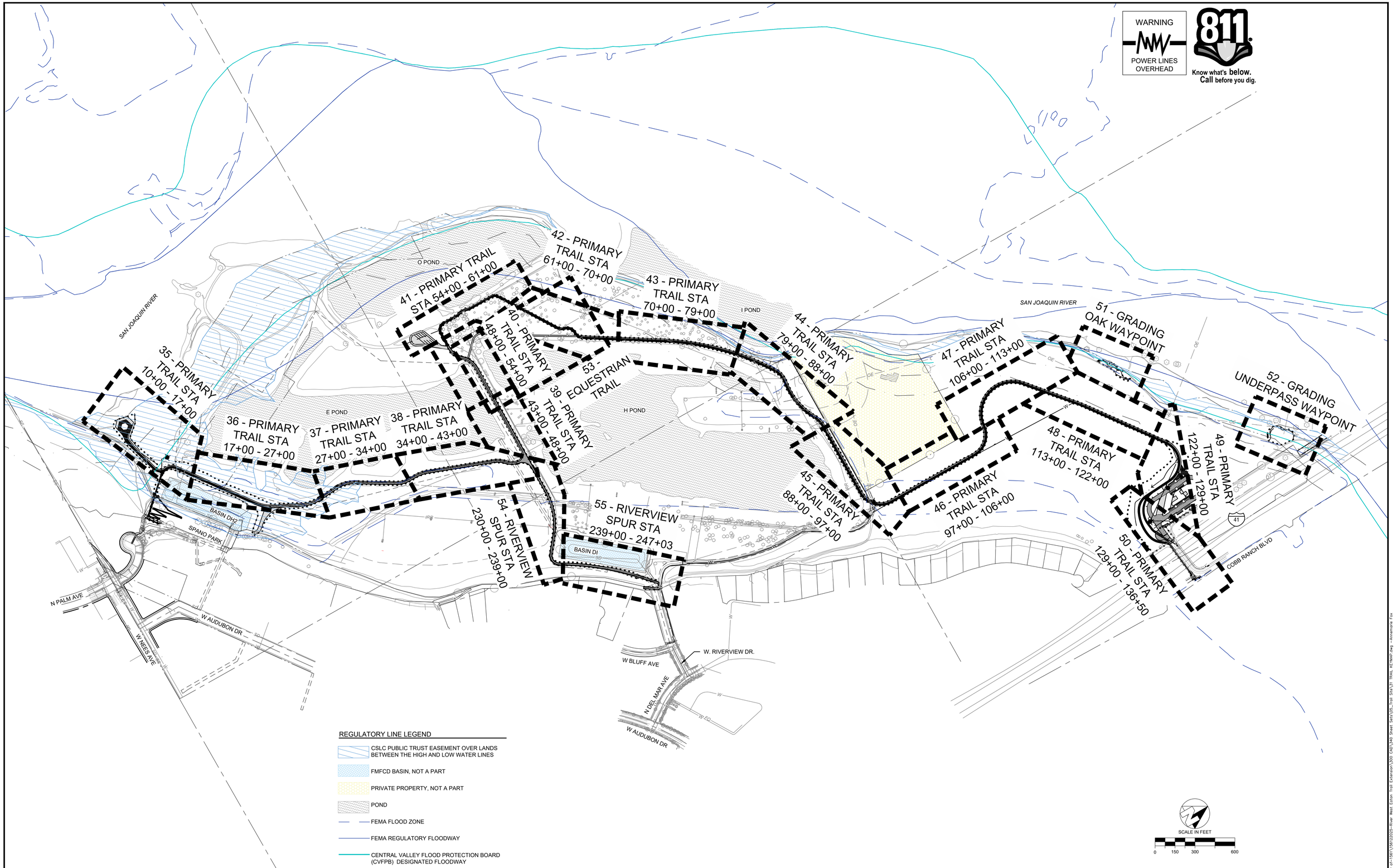

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PROJ. ID P#00986
FUND NO. 66500
ORG. NO. 1597001
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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
TRAIL KEYMAP

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 31
OF 133 SHEETS

15-E-14612

10/19/2026 4:53 PM By VMenza_City of I:\P#13582\2025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\355_Trail Sets\03 TRAIL KEYMAP.dwg Annemarie Fa

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

PRIMARY TRAIL LINE & CURVE TABLE

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	DELTA	START STA	END STA
C1	48.25	48.00	S69°05'55.71"E	57°35'47"	10+00.00 N:2194877.96 E:6325154.11	10+48.25 N:2194861.46 E:6325197.31
C2	84.40	58.00	N32°57'25.31"E	83°22'42"	13+31.55 N:2194927.69 E:6325472.30	14+15.95 N:2194992.42 E:6325514.27
C3	92.16	84.00	N22°41'59.59"E	62°51'51"	14+15.95 N:2194992.42 E:6325514.27	15+08.11 N:2195073.24 E:6325548.08
C4	121.07	258.00	N40°41'17.54"E	26°53'15"	21+64.92 N:2195458.08 E:6326080.34	22+85.99 N:2195549.05 E:6326158.55
C5	141.56	258.00	N11°31'32.69"E	31°26'15"	25+10.92 N:2195749.02 E:6326261.52	26+52.48 N:2195885.99 E:6326289.45
C6	132.56	217.00	N13°18'25.16"E	35°00'00"	28+06.41 N:2196039.51 E:6326278.19	29+38.97 N:2196166.51 E:6326308.23
C7	85.35	163.00	N15°48'25.16"E	30°00'00"	32+68.88 N:2196449.87 E:6326477.20	33+54.23 N:2196531.06 E:6326500.18
C8	101.93	292.00	N10°48'25.16"E	20°00'00"	34+19.35 N:2196596.18 E:6326501.10	35+21.28 N:2196695.79 E:6326520.11
C9	81.63	169.00	N34°38'41.46"E	27°40'33"	40+23.46 N:2197165.21 E:6326698.50	41+05.09 N:2197231.72 E:6326744.45
C10	96.45	163.00	N31°31'54.92"E	33°54'06"	41+05.09 N:2197231.72 E:6326744.45	42+01.54 N:2197312.73 E:6326794.16
C11	105.05	58.00	N37°18'21.37"W	103°46'27"	42+01.54 N:2197312.73 E:6326794.16	43+06.58 N:2197385.33 E:6326738.84
C12	135.70	163.00	S66°57'23.35"W	47°42'04"	50+11.07 N:2197395.25 E:6326034.43	51+46.77 N:2197343.65 E:6325913.13
C13	140.70	169.00	S66°57'23.35"W	47°42'04"	51+46.77 N:2197343.65 E:6325913.13	52+87.47 N:2197290.16 E:6325787.36
C14	100.53	64.00	N44°11'34.84"W	90°00'00"	54+04.28 N:2197291.80 E:6325670.56	55+04.82 N:2197356.70 E:6325607.47
C15	26.91	64.00	N11°14'26.11"W	24°05'43"	56+14.38 N:2197466.25 E:6325609.01	56+41.29 N:2197492.45 E:6325603.81
C16	63.92	76.00	N00°48'25.16"E	48°11'25"	56+41.29 N:2197492.45 E:6325603.81	57+05.22 N:2197554.50 E:6325604.68
C17	26.91	64.00	N12°51'16.44"E	24°05'43"	57+05.22 N:2197554.50 E:6325604.68	57+32.13 N:2197580.55 E:6325610.62
C18	63.82	64.00	N29°22'23.06"E	57°07'56"	59+13.78 N:2197762.18 E:6325613.18	59+77.60 N:2197815.52 E:6325643.20
C19	50.07	64.00	N35°31'30.42"E	44°49'41"	64+78.12 N:2198081.21 E:6326067.39	65+28.20 N:2198120.93 E:6326095.75
C20	103.34	76.00	N52°03'53.14"E	77°54'27"	65+28.20 N:2198120.93 E:6326095.75	66+31.54 N:2198179.68 E:6326171.12

PRIMARY TRAIL LINE & CURVE TABLE

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	DELTA	START STA	END STA
C21	65.56	64.00	N61°40'15.68"E	58°41'41"	66+31.54 N:2198179.68 E:6326171.12	66+97.10 N:2198209.45 E:6326226.34
C22	809.38	1992.00	N43°57'49.35"E	23°16'49"	73+03.04 N:2198721.49 E:6326550.34	81+12.42 N:2199300.06 E:6327108.35
C23	129.73	169.00	N77°35'42.42"E	43°58'57"	81+74.48 N:2199335.12 E:6327159.56	83+04.21 N:2199362.31 E:6327283.18
C24	347.49	508.00	N79°59'25.63"E	39°11'31"	83+04.21 N:2199362.31 E:6327283.18	86+51.70 N:2199421.54 E:6327618.74
C25	89.11	169.00	N75°29'59.23"E	30°12'38"	86+51.70 N:2199421.54 E:6327618.74	87+40.81 N:2199443.59 E:6327704.02
C26	256.04	163.00	N45°36'16.02"E	90°00'05"	93+25.24 N:2199437.42 E:6328288.42	95+81.29 N:2199598.70 E:6328453.14
C27	240.39	163.00	N41°38'43.46"W	84°29'54"	102+98.74 N:2200316.10 E:6328460.70	105+39.13 N:2200479.90 E:6328315.04
C29	71.02	992.00	N52°01'15.23"E	4°06'06"	115+36.19 N:2201183.47 E:6328515.66	116+07.21 N:2201227.16 E:6328571.62
C30	361.24	169.00	S64°41'35.19"E	122°28'13"	122+69.45 N:2201615.74 E:6329107.88	126+30.69 N:2201489.09 E:6329375.73
C31	124.19	120.00	S33°06'20.11"E	59°17'43"	128+38.30 N:2201281.86 E:6329388.26	129+62.49 N:2201182.41 E:6329453.10
C32	198.81	300.00	S81°44'15.87"E	37°58'09"	129+62.49 N:2201182.41 E:6329453.10	131+61.30 N:2201154.36 E:6329646.26
C33	13.76	300.00	N77°57'48.17"E	2°37'43"	131+61.30 N:2201154.36 E:6329646.26	131+75.06 N:2201157.23 E:6329659.72
C34	79.35	119.00	N57°32'50.25"E	38°12'13"	131+75.06 N:2201157.23 E:6329659.72	132+54.41 N:2201199.02 E:6329725.44
C35	4.32	5.50	N60°56'43.88"E	45°00'00"	133+19.87 N:2201250.30 E:6329766.15	133+24.19 N:2201252.34 E:6329769.83
C37	565.40	242.00	N16°57'44.30"W	133°51'53"	105+39.13 N:2200479.90 E:6328315.04	111+04.53 N:2200905.83 E:6328185.13
L1	131.28		S40°18'02.11"E		8+50.00 N:2194992.35 E:6325057.09	9+81.28 N:2194892.24 E:6325142.00
L2	18.72		S40°18'02.11"E		9+81.28 N:2194892.24 E:6325142.00	10+00.00 N:2194877.96 E:6325154.11
L3	68.94		N82°06'10.68"E		10+48.25 N:2194861.46 E:6325197.31	11+17.19 N:2194870.93 E:6325265.60
L4	214.35		N74°38'46.30"E		11+17.19 N:2194870.93 E:6325265.60	13+31.55 N:2194927.69 E:6325472.30
L5	656.81		N54°07'54.86"E		15+08.11 N:2195073.24 E:6325548.08	21+64.92 N:2195458.08 E:6326080.34

PRIMARY TRAIL LINE & CURVE TABLE

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	DELTA	START STA	END STA
L6	224.92		N27°14'40.22"E		22+85.99 N:2195549.05 E:6326158.55	25+10.92 N:2195749.02 E:6326261.52
L7	153.93		N04°11'34.84"W		26+52.48 N:2195885.99 E:6326289.45	28+06.41 N:2196039.51 E:6326278.19
L8	329.91		N30°48'25.16"E		29+38.97 N:2196166.51 E:6326308.23	32+68.88 N:2196449.87 E:6326477.20
L9	65.13		N00°48'25.16"E		33+54.23 N:2196531.06 E:6326500.18	34+19.35 N:2196596.18 E:6326501.10
L10	502.18		N20°48'25.16"E		35+21.28 N:2196695.79 E:6326520.11	40+23.46 N:2197165.21 E:6326698.50
L11	704.48		N89°11'34.84"W		43+06.58 N:2197385.33 E:6326738.84	50+11.07 N:2197395.25 E:6326034.43
L12	116.81		N89°11'34.84"W		52+87.47 N:2197290.16 E:6325787.36	54+04.28 N:2197291.80 E:6325670.56
L13	109.56		N00°48'25.16"E		55+04.82 N:2197356.70 E:6325607.47	56+14.38 N:2197466.25 E:6325609.01
L14	181.65		N00°48'25.16"E		57+32.13 N:2197580.55 E:6325610.62	59+13.78 N:2197762.18 E:6325613.18
L15	500.53		N57°56'20.95"E		59+77.60 N:2197815.52 E:6325643.20	64+78.12 N:2198081.21 E:6326067.39
L16	605.93		N32°19'24.96"E		66+97.10 N:2198209.45 E:6326226.34	73+03.04 N:2198721.49 E:6326550.34
L17	62.06		N55°36'13.74"E		81+12.42 N:2199300.06 E:6327108.35	81+74.48 N:2199335.12 E:6327159.56
L18	584.44		S89°23'41.70"E		87+40.81 N:2199443.59 E:6327704.02	93+25.24 N:2199437.42 E:6328288.42
L19	717.45		N00°36'13.74"E		95+81.29 N:2199598.70 E:6328453.14	102+98.74 N:2200316.10 E:6328460.70
L20	431.66		N49°58'12.06"E		111+04.53 N:2200905.83 E:6328185.13	115+36.19 N:2201183.47 E:6328515.66
L21	662.25		N54°04'18.39"E		116+07.21 N:2201227.16 E:6328571.62	122+69.45 N:2201615.74 E:6329107.88
L22	207.61		S03°27'28.77"E		126+30.69 N:2201489.09 E:6329375.73	128+38.30 N:2201281.86 E:6329388.26
L23	65.47		N38°26'43.88"E		132+54.41 N:2201199.02 E:6329725.44	133+19.87 N:2201250.30 E:6329766.15

SECONDARY TRAIL LINE & CURVE TABLE

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	DELTA	START STA	END STA
C36	341.48	514.00	S70° 09' 38.92"E	38° 03' 52"	232+82.45 N:2197386.29 E:6327096.36	236+23.93 N:2197272.52 E:6327411.70
C37	115.38	67.00	N76° 42' 46.44"E	98° 40' 05"	237+65.33 N:2197183.78 E:6327521.79	238+80.71 N:2197207.14 E:6327620.71
C38	591.23	1910.00	N38° 45' 36.77"E	17° 44' 08"	238+80.71 N:2197207.14 E:6327620.71	244+71.94 N:2197666.33 E:6327989.38
L23	282.45		S89° 11' 34.84"E		230+00.00 N:2197390.27 E:6326813.94	232+82.45 N:2197386.29 E:6327096.36
L24	141.40		S51° 07' 43.00"E		236+23.93 N:2197272.52 E:6327411.70	237+65.33 N:2197183.78 E:6327521.79

No.	REVISION	BY	DATE
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GRADING PERMIT NUMBER: BG26-00092

C302

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FRESNO, CALIFORNIA 93721
(559) 621-8650

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FUND NO. 22222
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
TRAIL HORIZONTAL CONTROL TABLES

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 32
OF 133 SHEETS
15-E-14613

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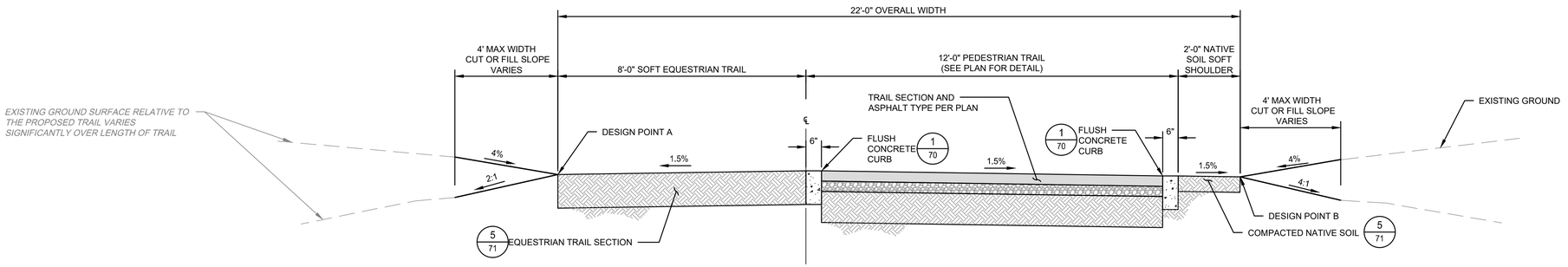
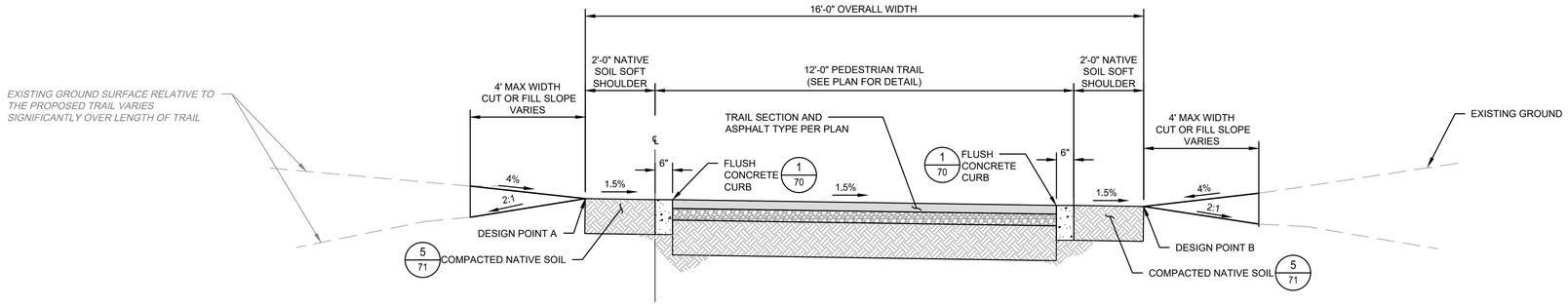
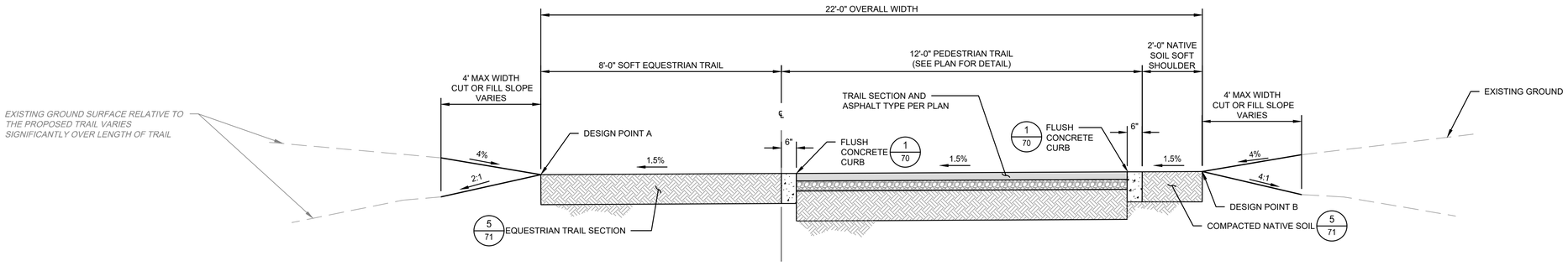


1/33 PRIMARY TRAIL - CONDITION 1



2/33 PRIMARY TRAIL - CONDITION 2 - NO EQUESTRIAN PATH



3/33 PRIMARY TRAIL - CONDITION 3 - NO CROWN

No.	REVISION	BY	DATE
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C303

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0886
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
TRAIL CROSS SECTION DETAILS

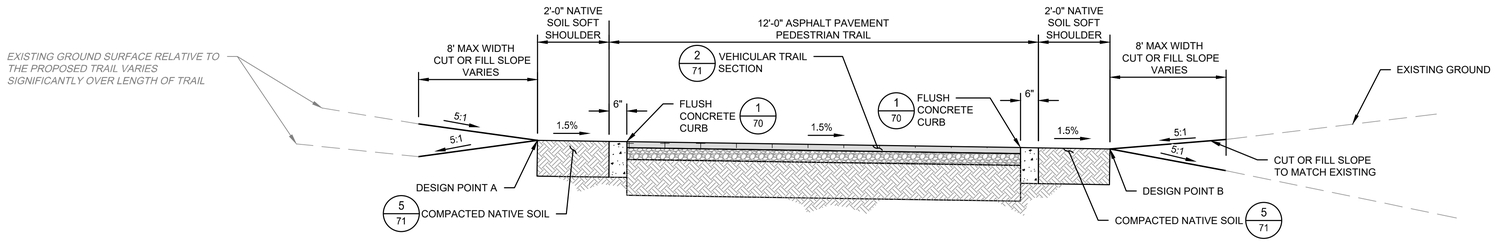
REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

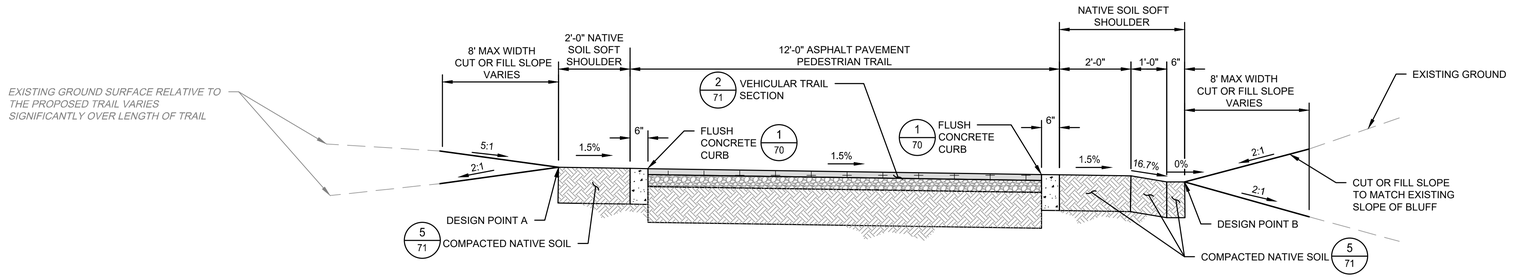
SHEET NO. 33
OF 133 SHEETS

15-E-14614

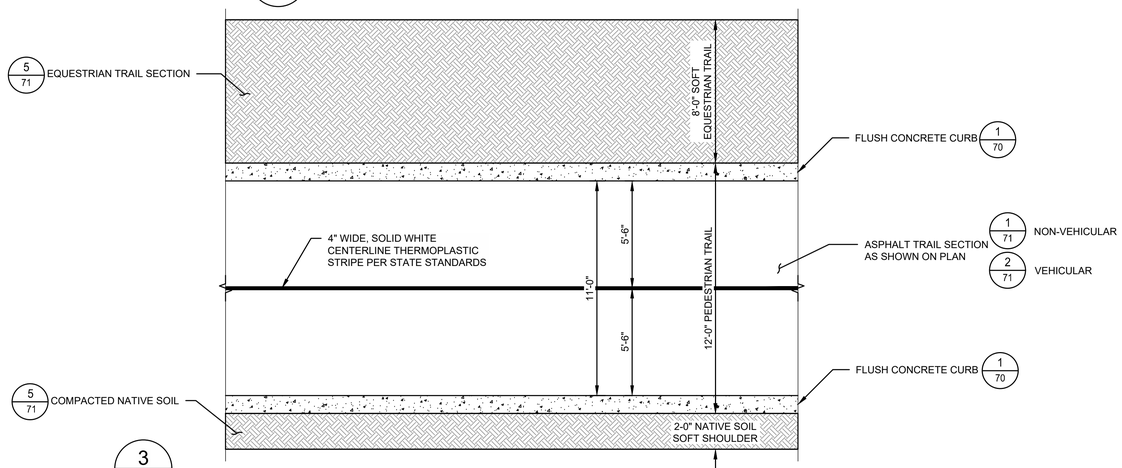
10/19/2026 4:53 PM G:\Projects_City of Fresno\15615\22025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\305_Trail Sets\33 TRAIL CROSS SECTION DETAILS.dwg -Annemarie Fox



1 / 34 RIVERVIEW TRAIL SPUR - CONDITION 1



2 / 34 RIVERVIEW TRAIL SPUR - CONDITION 2



3 / 34 TYPICAL TRAIL PLAN VIEW - RIVER WEST EATON MULTI-USE TRAIL

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C304

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
TRAIL CROSS SECTION DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 34
OF 133 SHEETS

15-E-14615

10/19/2026 4:53 PM G:\Projects_2\City of Fresno\15615\2025-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\05_Trail Sheets\34 RIVEL CROSS SECTION DETAILS.dwg -Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

(E) FEMA 100-YR FLOODPLAIN (ZONE AE)

(E) VEGETATION

(E) CSLC HIGH WATER LINE

SAN JOAQUIN RIVER

APN 402-030-71ST (SJRAC)

PHASE 2 (NOT A PART)
FUTURE TRAILHEAD PARKING ON SJRAC PARCEL AND ACCESS ROAD PARALLEL TO TRAIL

PROPERTY LINE

REFER TO SHEET 77 FOR PALM AVENUE PARKING LANDSCAPING IMRPOVEMENTS

FL 258.3± MATCH (E)
FG 258.3± MATCH (E)
FG 258.86
FL 258.45
FL 258.65
FG 258.42
C 258.65
C 258.78
C 259.05
C 259.02
C 259.55
C 259.14
C 259.76
C 260.40
C 260.33
C 260.07
C 260.11
C 259.85
C 259.41
C 259.47
FL 258.78
FG 259.44
FG 259.78
FG 260.1± MATCH (E)
FL 259.04
FG 259.17
FG 259.25
FL 259.05
FL 258.9± MATCH (E)
FG 264.77
FG 264.06
FG 264.24
FL 42" 241.9± (NW)
FL 42" 250.9± (SE)
(E) 42" CONCRETE PIPE
8+00
9+00
10+00
11+00
12+00
13+00
14+00
15+00
16+00
17+00
SL
MH
0.71%
1.00%
1.35%
1.50%
0.37%
0.65%
2.65%
0.10%
2.00%
1.50%
1.50%
1.50%
1.50%
1.50%
1.50%
1.50%
0.70%

PROPERTY LINE

E POND

UNDERGROUND STORM DRAINAGE PIPELINE EASEMENT TO FMFCD PER DOC. 2003-0198511

ABANDONED OUTFALL STRUCTURE AND PLUGGED PIPE PER SHEET 6

LIMITS OF GRADING

MATCHLINE SHEET 96

(E) CHAIN LINK FENCE

BASIN DH2

(E) DIRT PATH TO REMAIN

(E) CHAIN LINK FENCE

(E) TREE

(E) 150' BUFFER BETWEEN RIPARIAN CORRIDOR AND MULTI-USE TRAIL

PROPERTY LINE

LIMITS OF GRADING

SCALE IN FEET
0 15 30 60

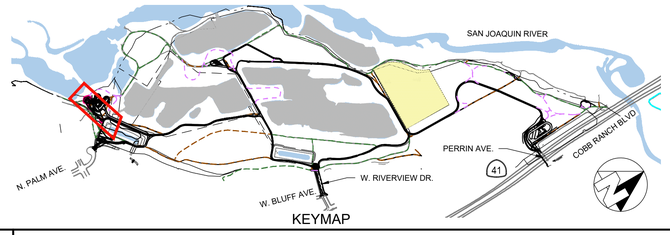
/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71
SL — INSTALL 25' TALL SOLAR SMART LIGHT FONROCHE FIXTURE T54-K 16B, OR APPROVED EQUAL AND FOUNDATION	3/70
MH — EXISTING FMFCD TYPE II LOW PRESSURE MANHOLE, WITH BOLT DOWN LID BELOW GRADE; PROTECT IN PLACE AND CONSTRUCT TRAIL IN FILL ABOVE IT	

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C305

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 180901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

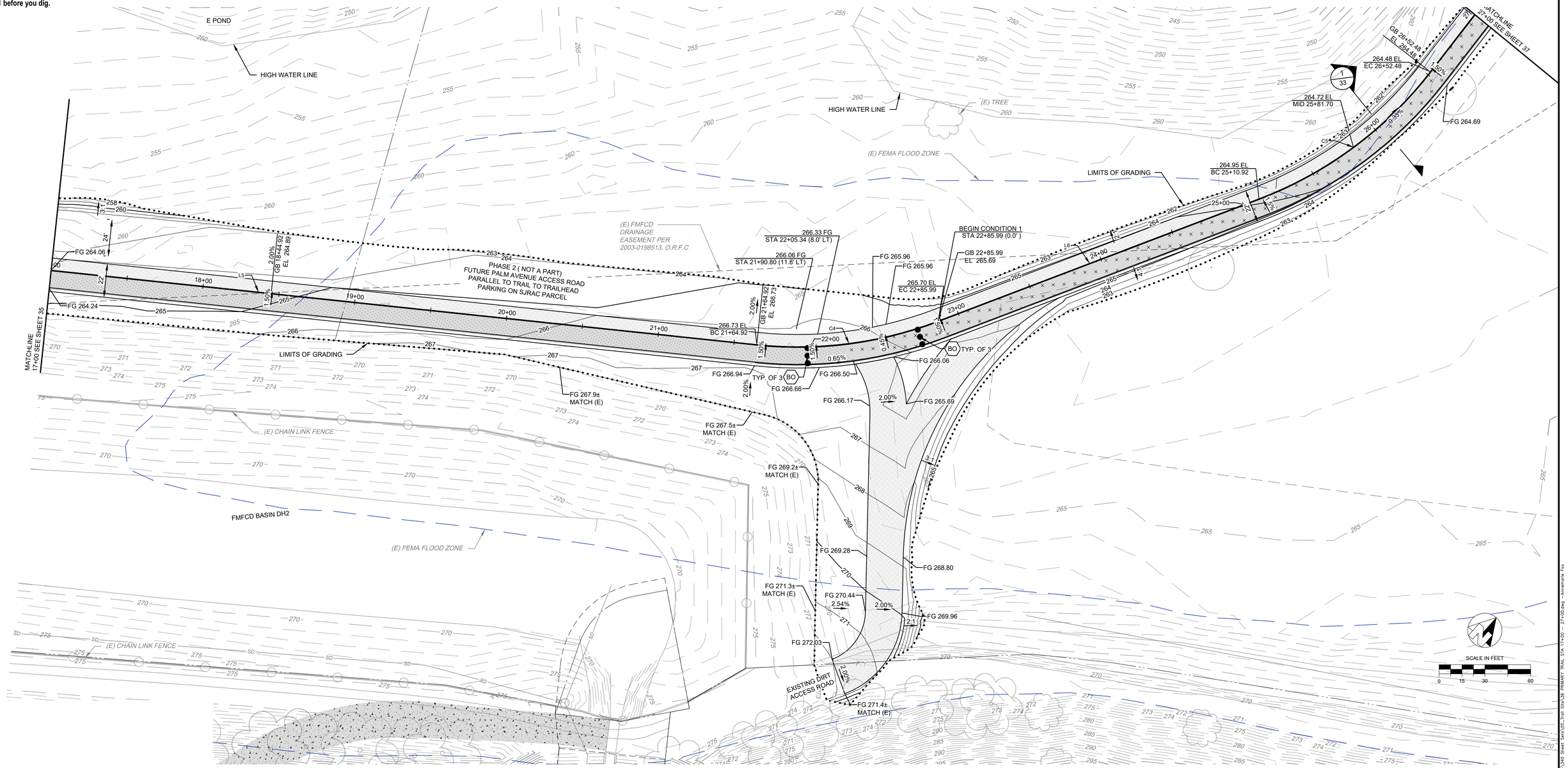
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 10+00 – 17+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 35
OF 133 SHEETS
15-E-14616

10/19/2026 8:54 PM D:\Fresno...\City of FRESNO\Civil\22225-River West Eaton Trail Extension\300 CAD\340 Sheet Set\VDS_Trail Plan\35 PRIMARY TRAIL STA 10+00 - 17+00.dwg - Annemarie Fox

811 Know what's **below.** **Call** before you dig.

WARNING
POWER LINES OVERHEAD



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71
- BO — INSTALL BOLLARD PER CITY OF FRESNO STD. DWG P-61

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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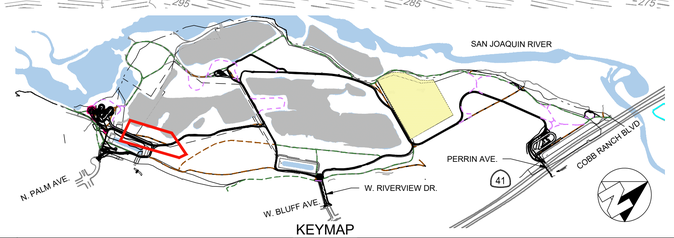

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C306

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. NO. PWC00286
FUND NO. 22525
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

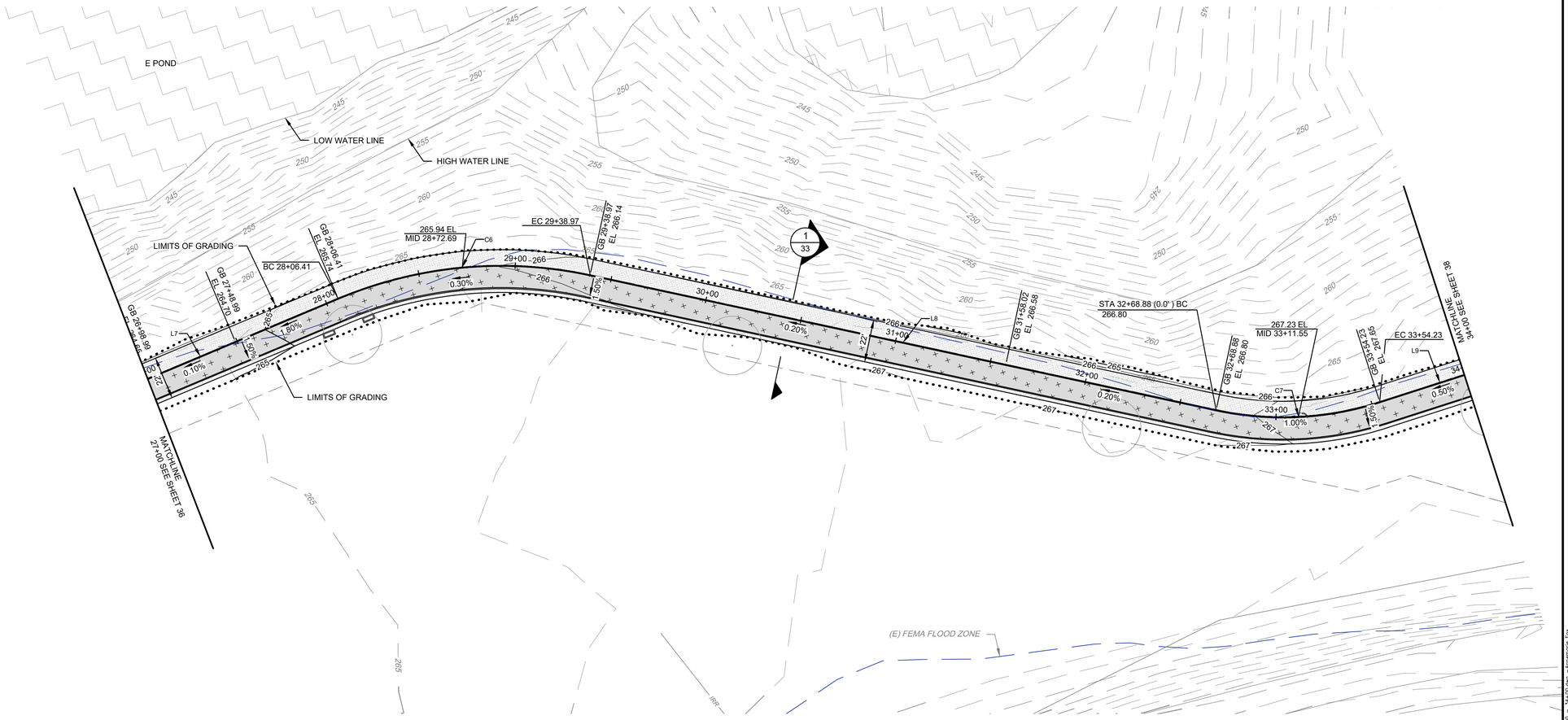
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 17+00 – 27+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 36
OF 133 SHEETS
15-E-14617

10/19/2026 4:55 PM K:\Projects\Eaton Trail Extension\100 CAD\340 Sheet Sets\05_Final Set\36_PRIMARY TRAIL STA 17+00 - 27+00.dwg - Amanda Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



SCALE IN FEET
0 15 30 60

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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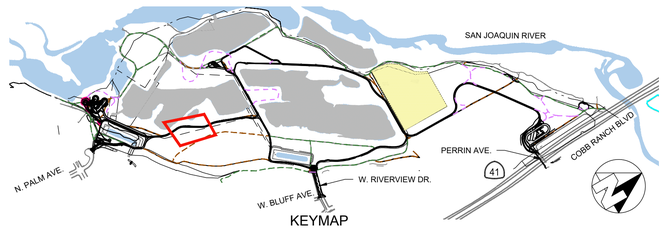

KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNE MARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C307

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID FWD0886
FUND NO. 22225
ORG. NO. 1899001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 27+00 – 34+00

REVIEWED:
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 37
OF 133 SHEETS

15-E-14618

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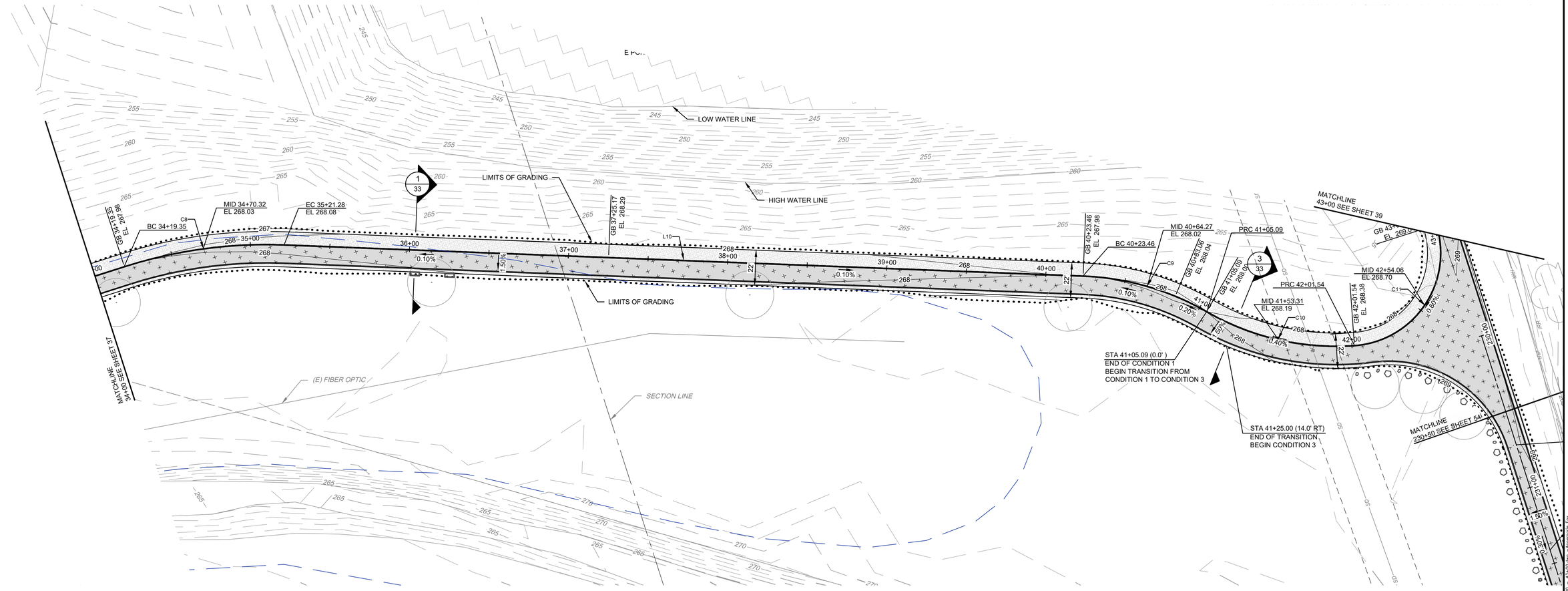
WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.



NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71

SCALE IN FEET
0 15 30 60

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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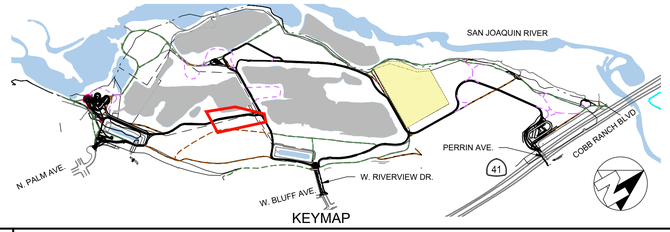

KEYMAP

No.	REVISION	BY	DATE
4			
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2			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C308

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

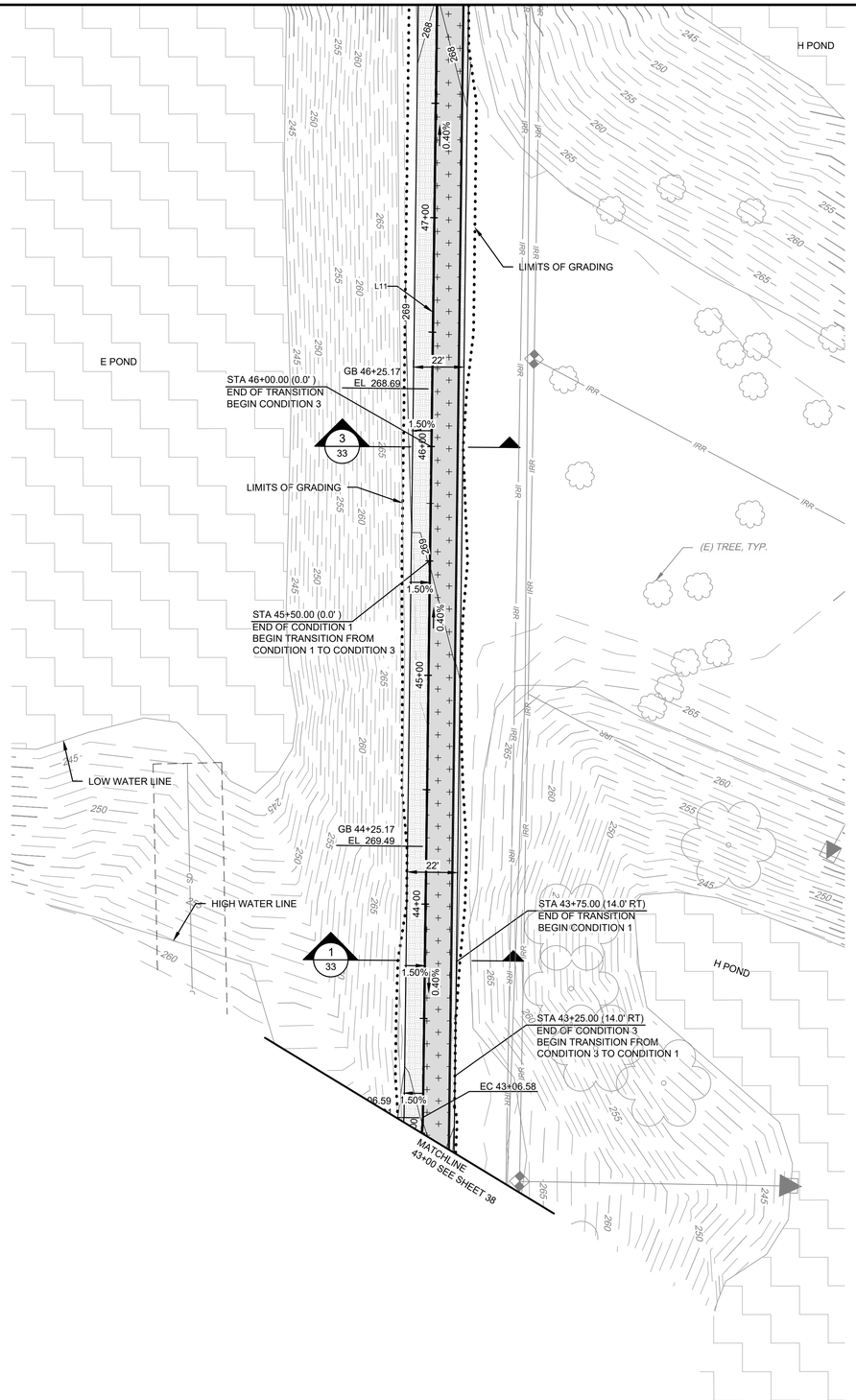
PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22422
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 34+00 – 43+00

REVIEWED
OFFICE ENG.____ CITY ENG.____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 38
OF 133 SHEETS
15-E-14619

10/17/2026 4:53 PM G:\Fresno...\Dry pf=1561,1562\2025-River West Extn Trail Extension\300 CAD\340 Sheet Sets\05_Trail Sht\38 PRIMARY TRAIL STA 34+00 - 43+00 - Annemarie Fox



WARNING
POWER LINES
OVERHEAD

811
Know what's **below.**
Call before you dig.

/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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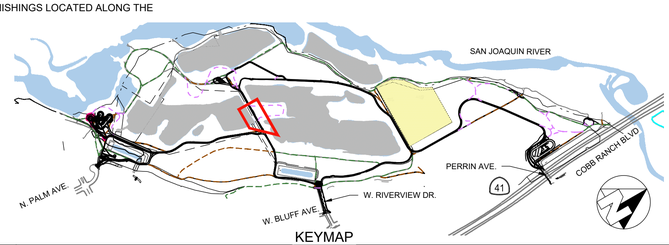
SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE FARR
No. 91171
CIVIL
STATE OF CALIFORNIA

PROVOST & PRITCHARD
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455 W FIR AVENUE
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C309

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

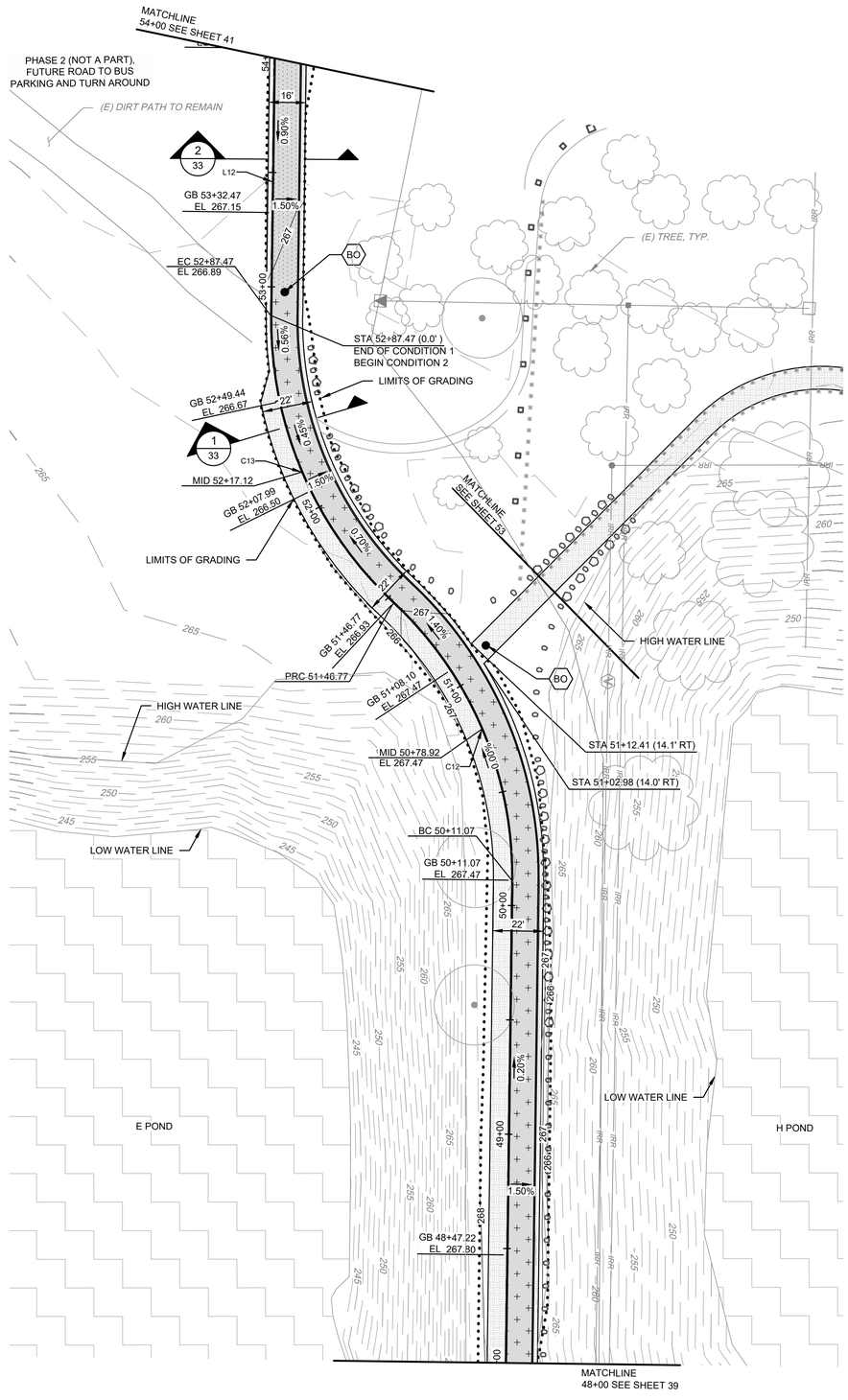
PW. FILE NO. 13245
PROJ. ID. FMO0986
FUND NO. 22203
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 43+00 – 48+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 39
OF 133 SHEETS
15-E-14620

10/19/2026 4:57 PM G:\Fresno_City_of\15613\2022\Civil\Sheet Set\VDS_Trail Sets\39 PRIMARY TRAIL STA 43+00 - 48+00.dwg - Annemarie Farr



WARNING
POWER LINES
OVERHEAD

811
Know what's **below.**
Call before you dig.

NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71
BO — INSTALL BOLLARD PER CITY OF FRESNO STD. DWG P-61	

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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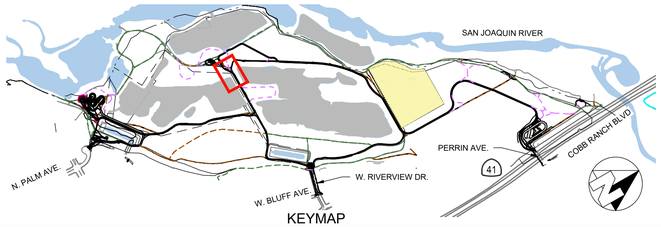
SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE POTTS
No. 91171
CIVIL
STATE OF CALIFORNIA

PROVOST& PRITCHARD
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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C310

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22422
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

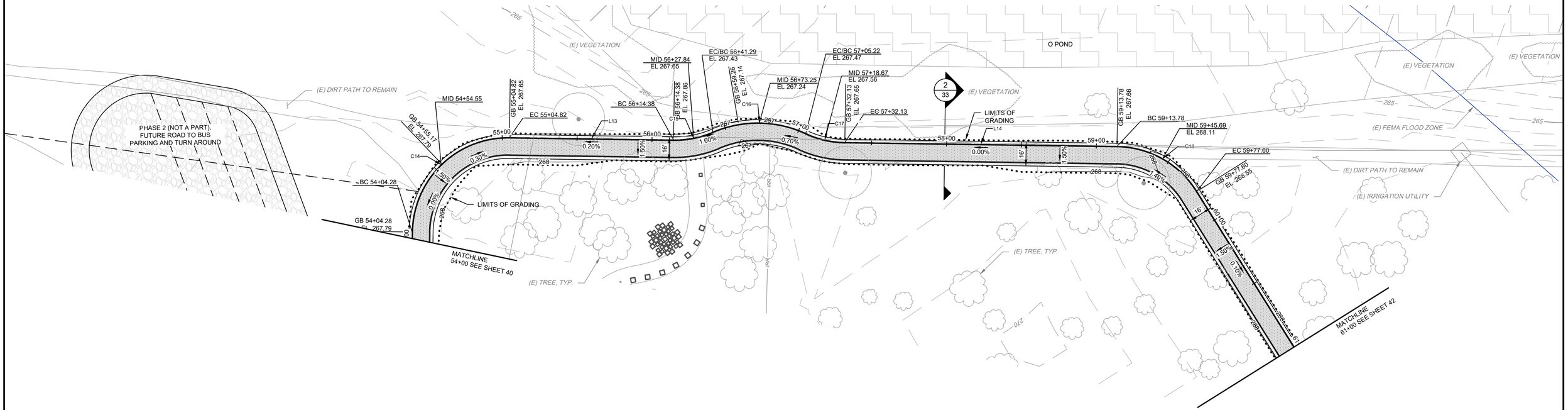
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 48+00 – 54+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 40
OF 133 SHEETS
15-E-14621

10/17/2026 4:58 PM S:\Fresno_City of-1565\13912025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\05-Trail Sts\AS PRIMARY TRAIL STA 48+00 – 54+00.dwg Annemarie Fix

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



NOT APPLICABLE THIS SHEET

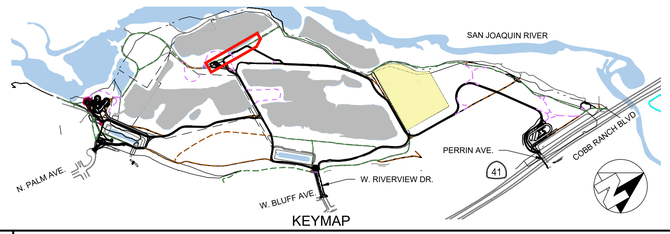
CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FARR — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C311

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 22220
DEL. NO. 180921
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

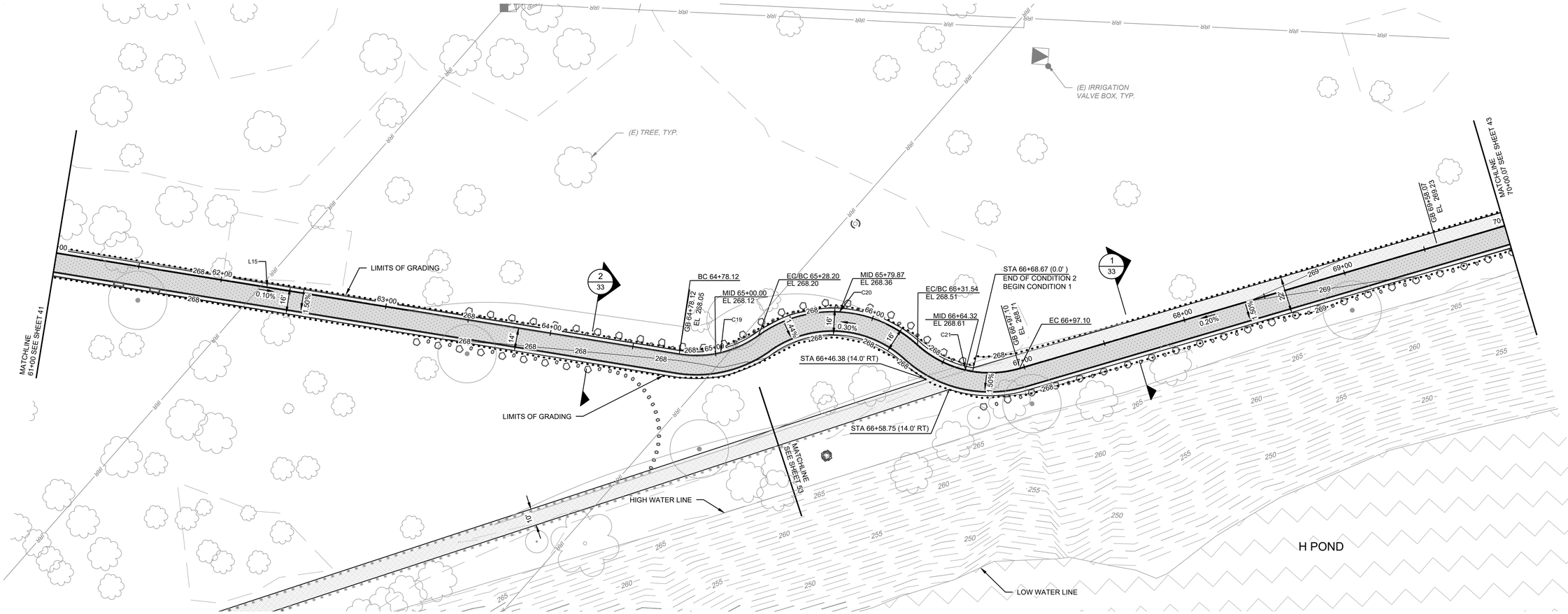
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 54+00 – 61+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 41 OF 133 SHEETS
15-E-14622

10/19/2026 4:59 PM G:\Fresno_City of\15615612025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\305_Trail Sets\01 PRIMARY TRAIL STA 54+00 – 61+00.dwg Annemarie Farr

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.



NOT APPLICABLE THIS SHEET

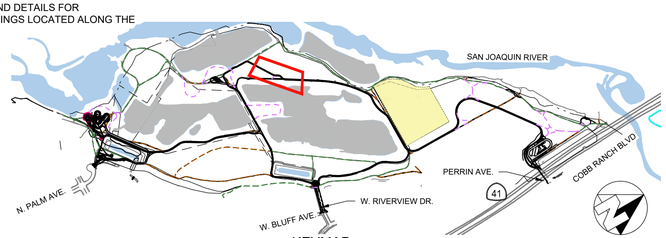
CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FAY No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C312

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0886
FUND NO. 22220
DEC. NO. 1809921
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

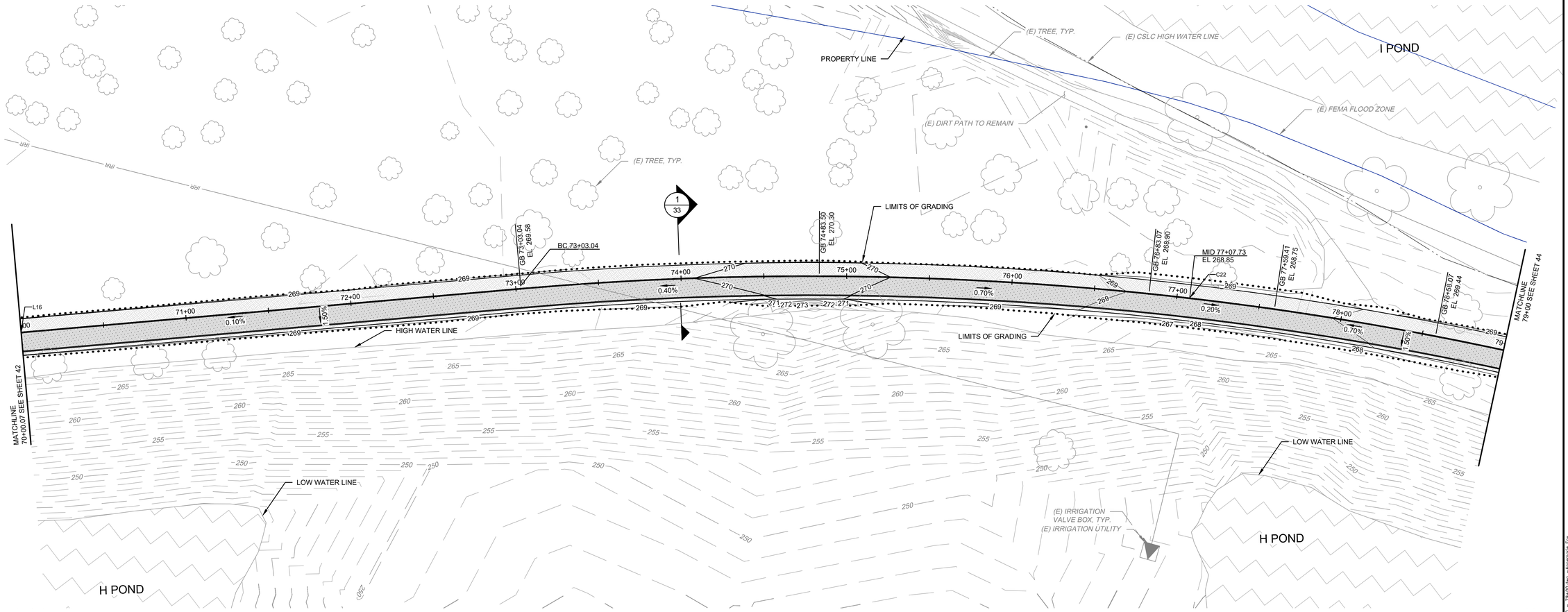
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 61+00 – 70+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 42
OF 133 SHEETS
15-E-14623

10/19/2026 4:59 PM G:\Fresno_City of\15615\125025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\305_Trail STA 61+00 - 70+00.dwg - Annemarie Fay

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



NOT APPLICABLE THIS SHEET

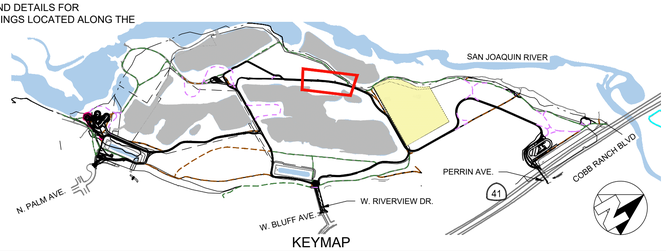
CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2 / 71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1 / 71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11 / 70
- CONSTRUCT AGGREGATE BASE SURFACING — 3 / 71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5 / 71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C313

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 70+00 – 79+00

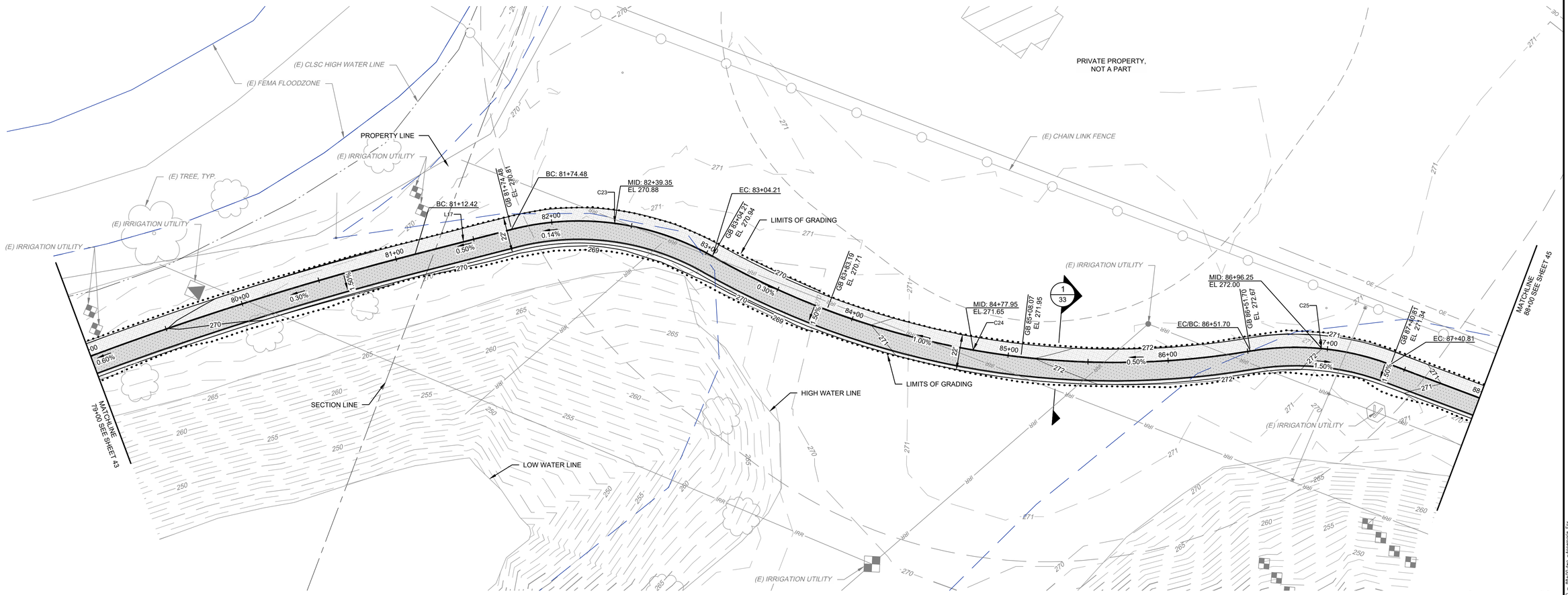
REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 43
OF 133 SHEETS

15-E-14624

10/19/2026 3:55 PM G:\Fresno_City of\15612\2025 River West Eaton Trail Extension\350 CAD\340 Sheet Sets\05_Trail Sta\A3 PRIMARY TRAIL STA 70+00 – 79+00.dwg Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



/ NOT APPLICABLE THIS SHEET

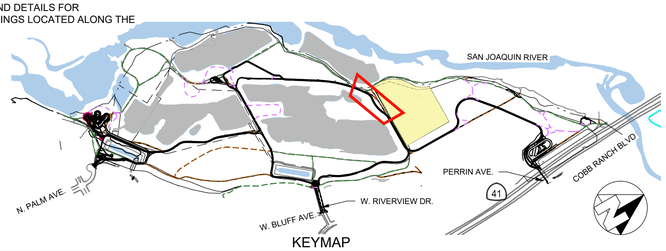
CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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455 W FIR AVENUE
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C314

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 22455
ORG. NO. 169201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 79+00 – 88+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/10/2026
SCALE: AS NOTED

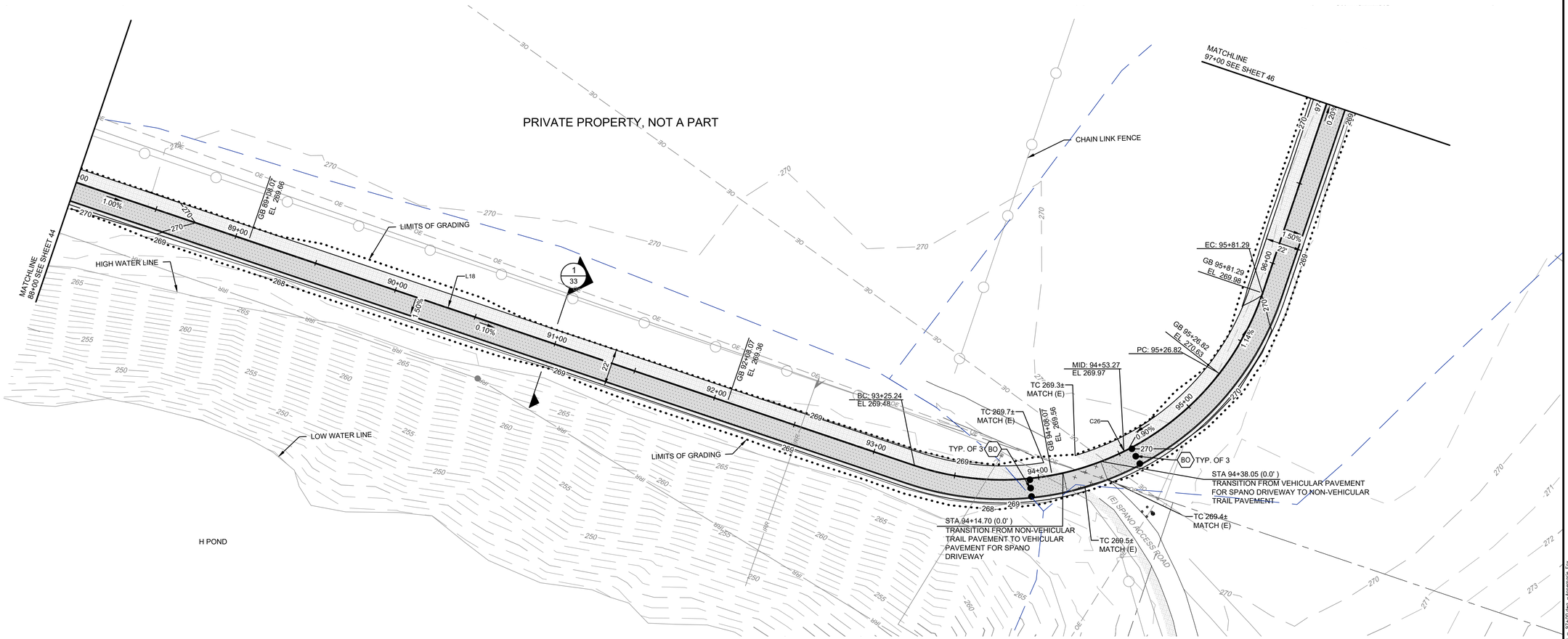
SHEET NO. 44
OF 133 SHEETS

15-E-14625

10/10/2026 3:01 PM E:\Fresno-City of-15613\2025-River West Eaton Trail Extension\350 CAD\340 Sheet Sets\05-Trail Sta\44 PRIMARY TRAIL STA 79+00 – 88+00.dwg Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71
INSTALL BOLLARD PER CITY OF FRESNO STD. DWG P-61 (BO)	

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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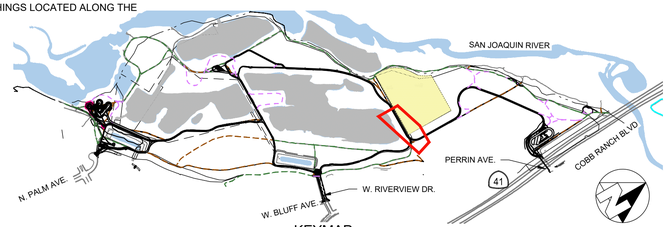
SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOLEY No. 91171 CIVIL STATE OF CALIFORNIA

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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C315

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID P#00986
FUND NO. 22225
DEL. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

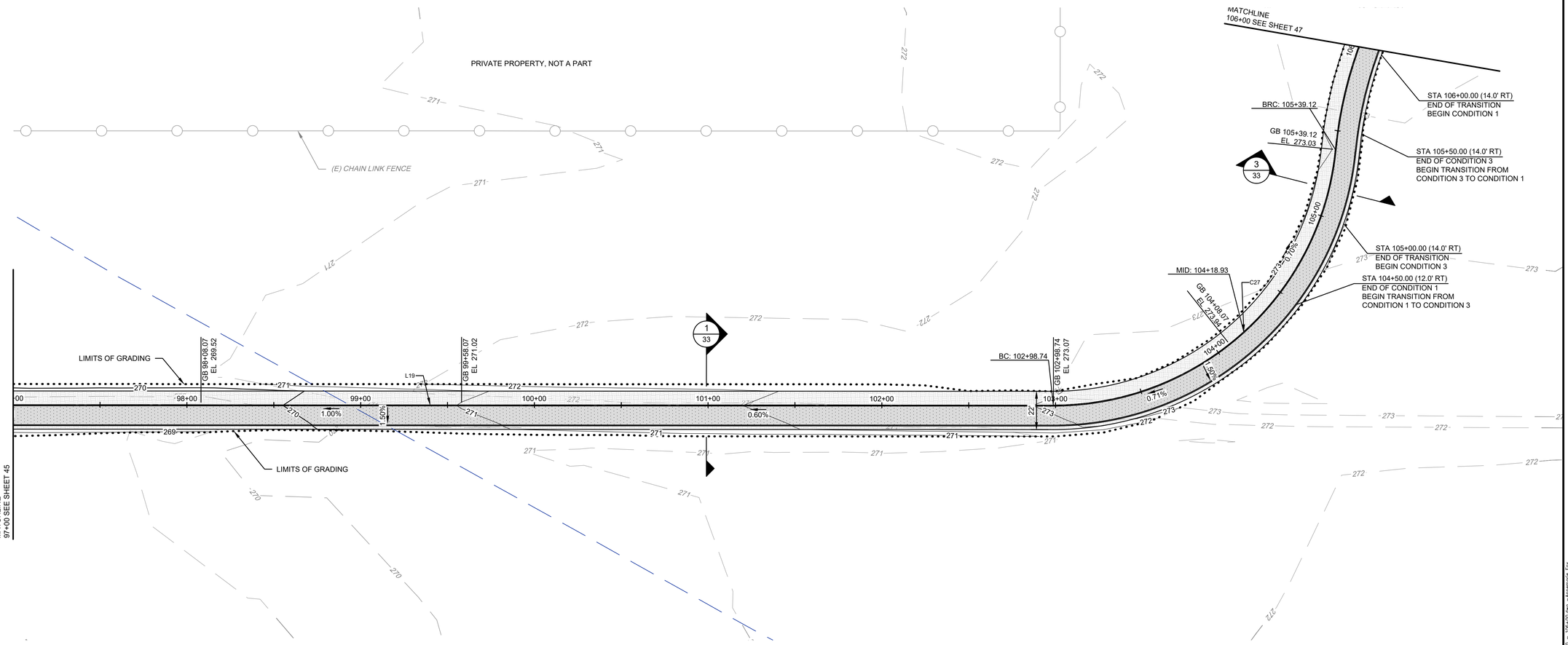
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 88+00 – 97+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 45
OF 133 SHEETS
15-E-14626

10/19/2026 8:02 PM G:\Fresno_City of-1561\1561202525-River West Eaton Trail Extension\300 CAD\VB Sheet Sets\VB_Trail STA\VB PRIMARY TRAIL STA 88+00 - 97+00.dwg - Annemarie Foley

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

- CONSTRUCT ROADWAY (VEHICULAR) ASPHALT — 2/71
- CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT — 1/71
- CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9
- CONSTRUCT DECOMPOSED GRANITE SURFACING — 11/70
- CONSTRUCT AGGREGATE BASE SURFACING — 3/71
- CONSTRUCT COMPACTED NATIVE SURFACING — 5/71

GENERAL NOTES

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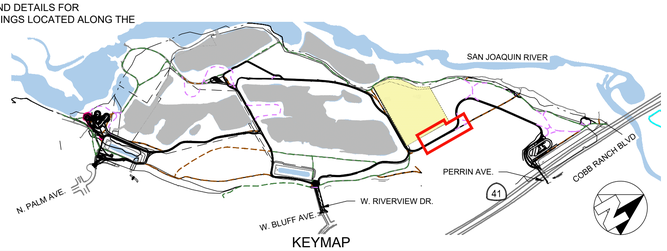
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
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1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

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C316

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 22450
DEC. NO. 169201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 97+00 – 106+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/10/2026
SCALE: AS NOTED
SHEET NO. 46
OF 133 SHEETS
15-E-14627

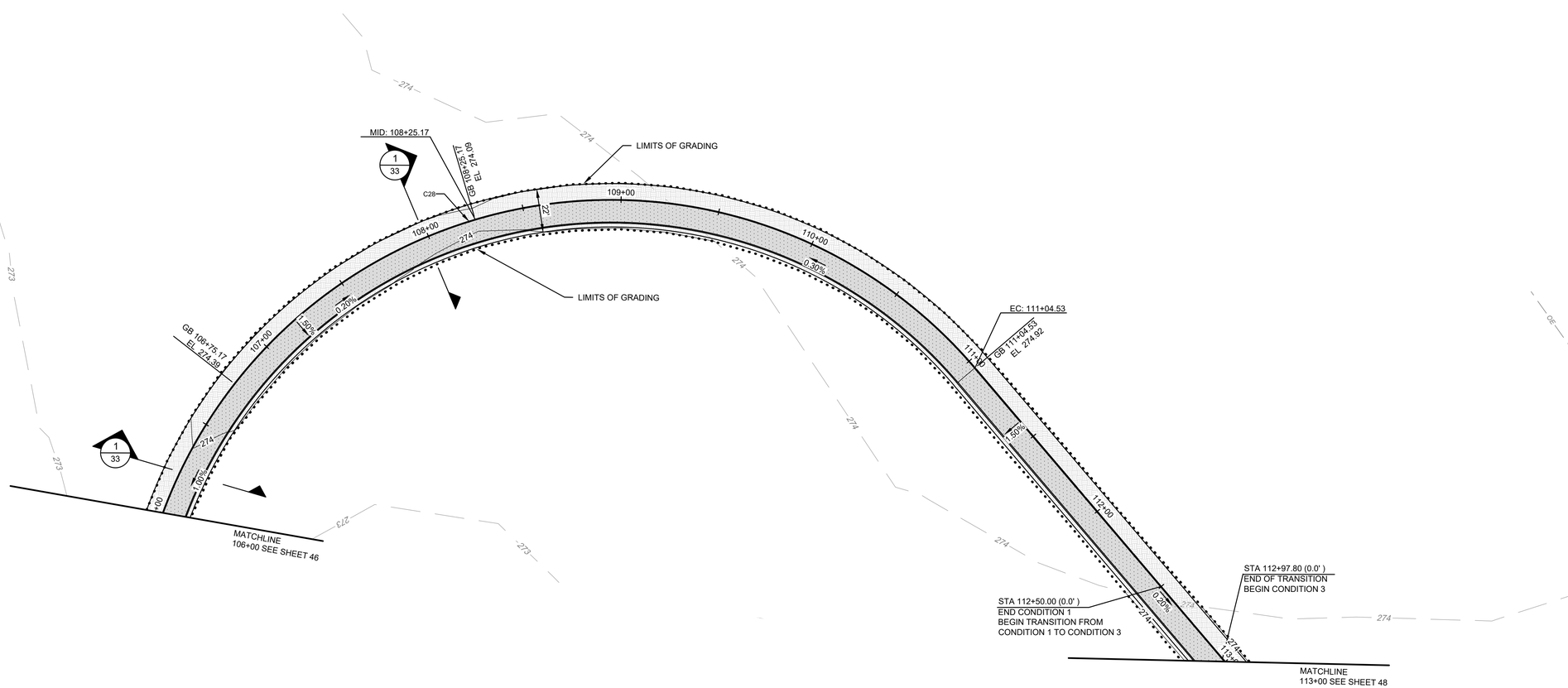
10/10/2026 3:03 PM G:\Fresno-Sty pf-15613\2025-River West Eaton Trail Extension\300 CAD\240 Sheet Sets\05-Final SHEAR PRIMARY TRAIL STA 97+00 – 106+00.dwg - Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

PRIVATE PROPERTY, NOT A PART

(E) CHAIN LINK FENCE



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

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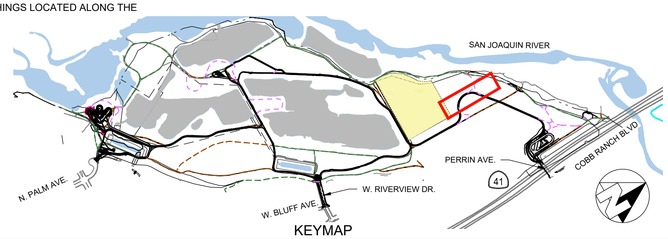
SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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FAX 559/449-2715

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C317

DEPARTMENT OF PUBLIC WORKS
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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FMO0886
FUND NO. 22225
ORG. NO. 1899901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

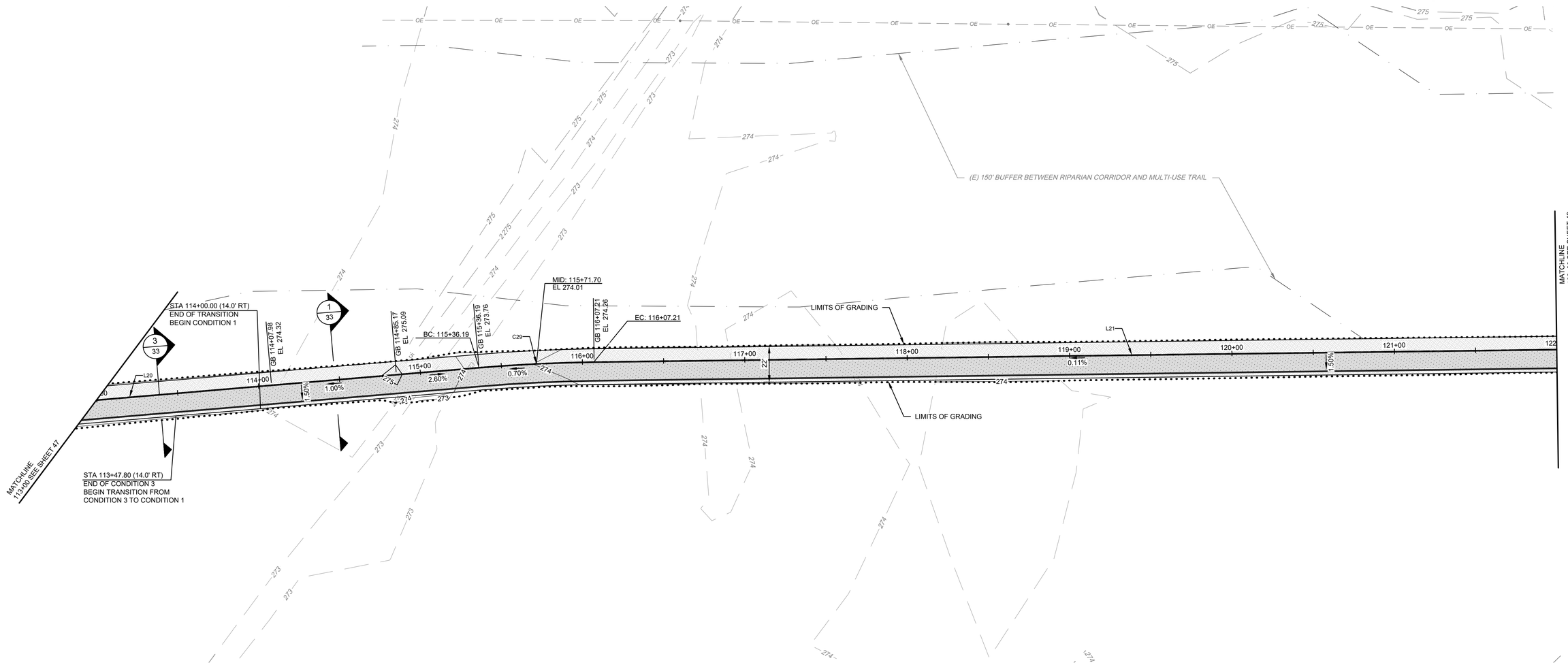
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 106+00 – 113+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 47
OF 133 SHEETS
15-E-14628

10/19/2026 8:04 PM S:\Visalia_City of\15615\25025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\305_Trail Sets\47 PRIMARY TRAIL STA 106+00 - 113+00.dwg Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

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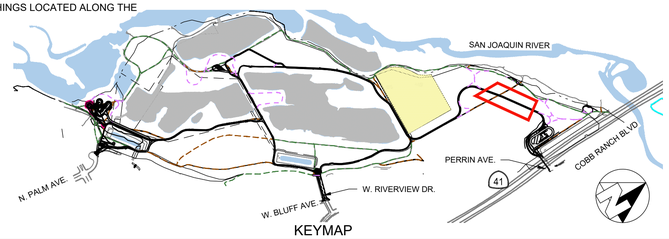
SCALE IN FEET
0 15 30 60



No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE FOX
No. 91171
CIVIL
STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWO0886
FUND NO. 22225
ORG. NO. 1899001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

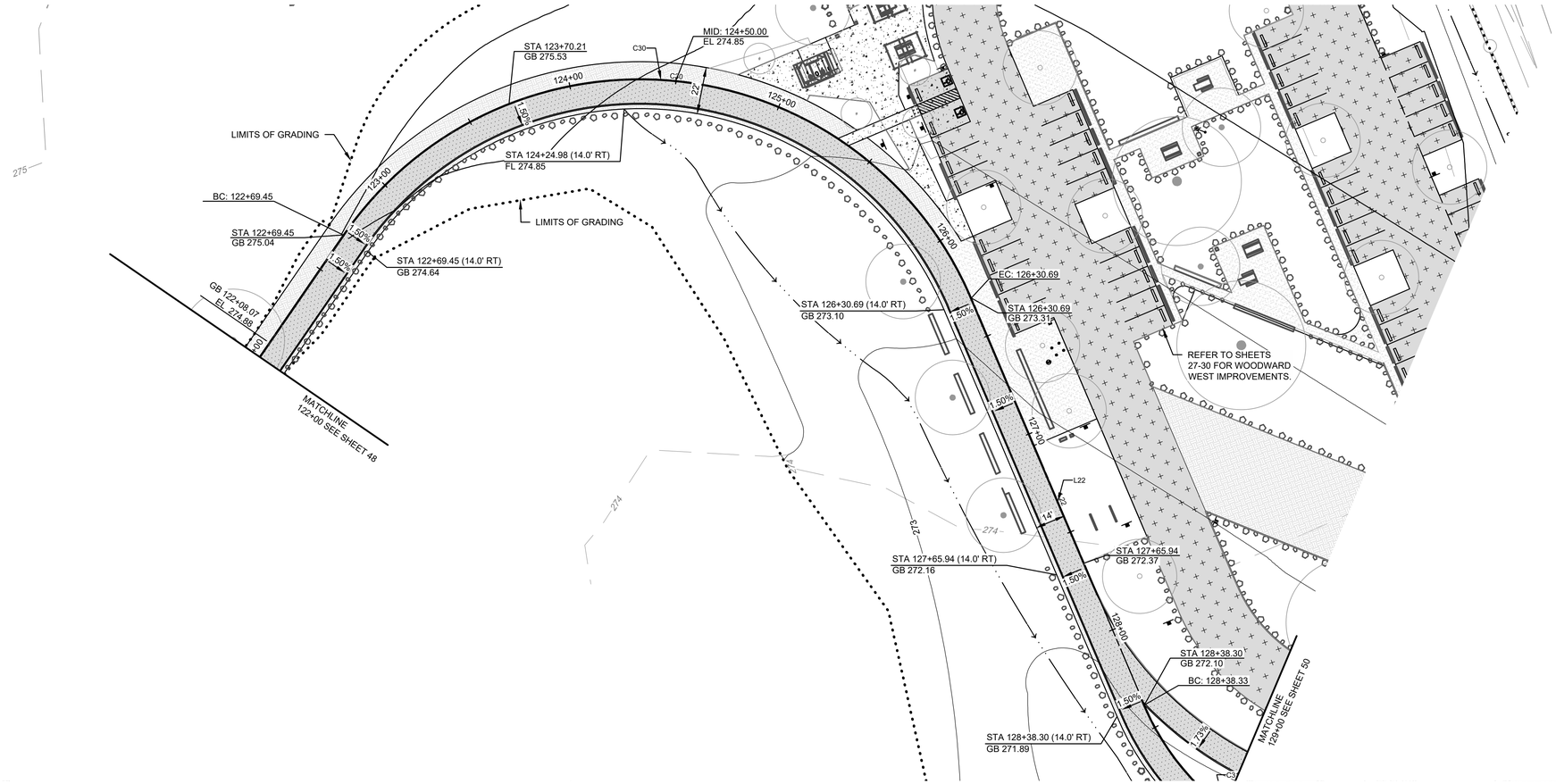
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 113+00 – 122+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: MN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 48
OF 133 SHEETS
15-E-14629

10/19/2026 5:39 PM S:\Fresno City of\15615\0520\5-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\05-Trail SHTS\05 PRIMARY TRAIL STA 113+00 - 122+00.dwg - Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



NOT APPLICABLE THIS SHEET

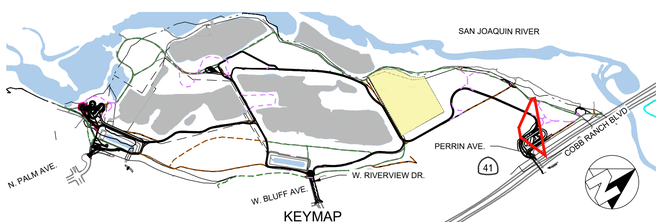
CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2	71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1	71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9		
CONSTRUCT DECOMPOSED GRANITE SURFACING	11	70
CONSTRUCT AGGREGATE BASE SURFACING	3	71
CONSTRUCT COMPACTED NATIVE SURFACING	5	71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C319

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. NO. PWC0086
FUND NO. 22525
ORG. NO. 159501
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 122+00 – 129+00

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

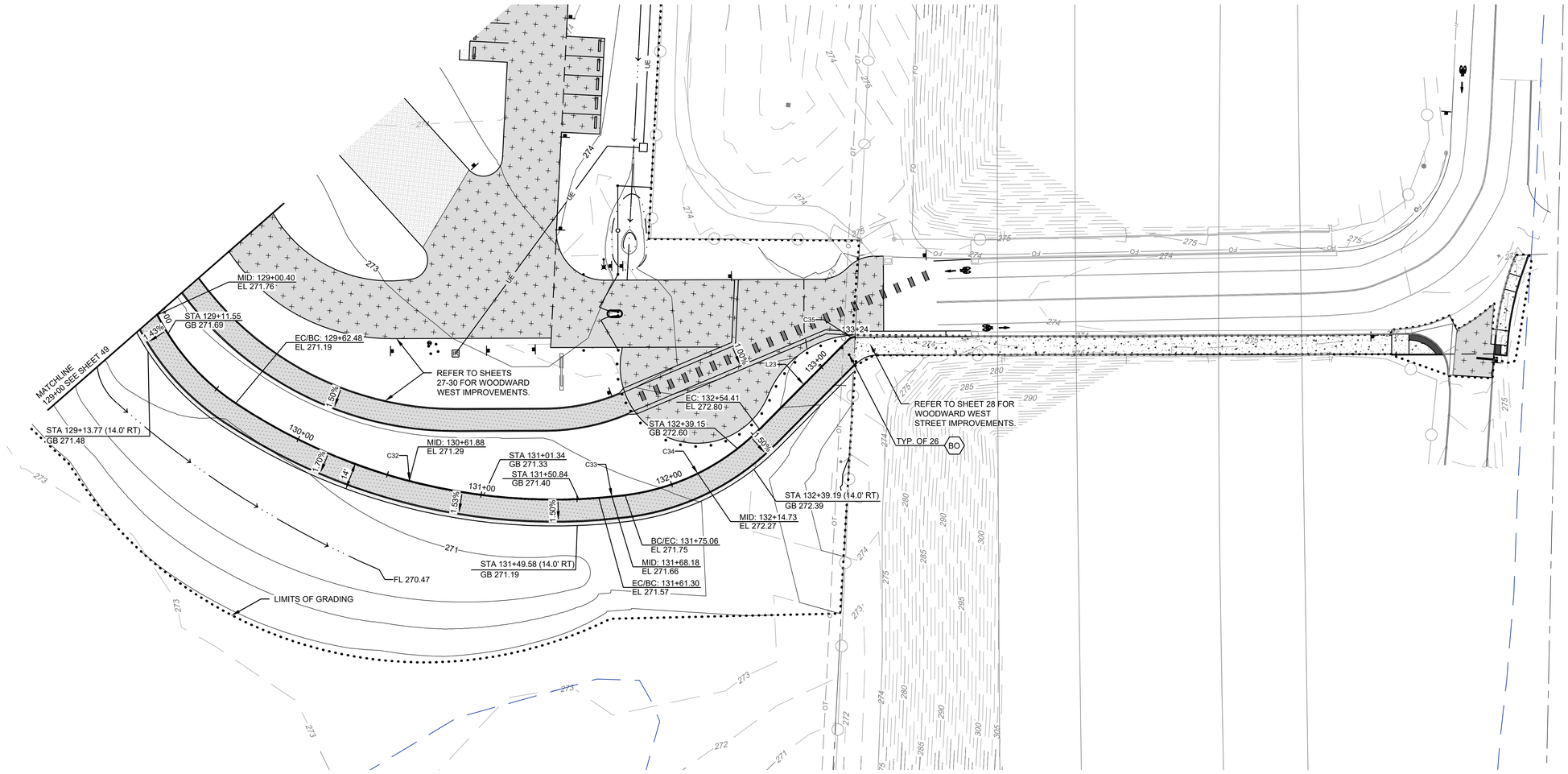
SHEET NO. 49
OF 133 SHEETS

15-E-14630

10/19/2026 3:55 PM K:\Projects\City of Fresno\15913\15913202\2-River West Eaton Trail Extension\DO CAD\340 Sheet Sets\05_Trail Sht\45 PRIMARY TRAIL STA 122+00 - 129+00.dwg - Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.



NOT APPLICABLE THIS SHEET

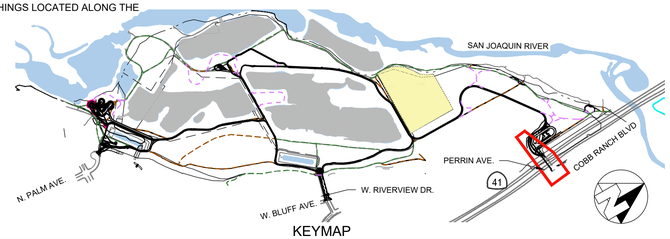
CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71
INSTALL RIP RAP	6/71
BO INSTALL BOLLARD PER CITY OF FRESNO STD. DWG P-61	

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

No.	REVISION	BY	DATE
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C320

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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00985
FUND NO. 22225
ORG. NO. 56920
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
PRIMARY TRAIL STA 129+00 – 136+50

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 50
OF 133 SHEETS
15-E-14631

10/21/2026 5:51 PM G:\Fresno City of-1561\1561202\5-River West Eaton Trail Extension\100 CAD\340 Sheet Sets\105-Trail STA 100 - 136+50.dwg – Annemarie Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

(E) TREE, TYP.
(E) FEMA FLOOD ZONE
(E) DIRT PATH TO REMAIN
(E) 200' RIPARIAN CORRIDOR
(E) ELECTRICAL UTILITY
(E) CSLC HIGH WATER LINE
(E) CSLC LOW WATER LINE
PROPERTY LINE
(E) CVFPB DESIGNATED FLOODWAY

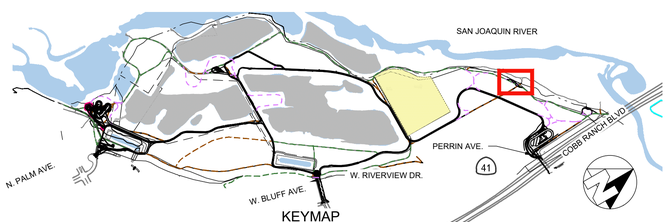
FG 272.23
EG272.6± MATCH (E)
FG 272.12
EG272.6± MATCH (E)
FG 269.63
FG 269.71
EG269.6± MATCH (E)
EG269.8± MATCH (E)
EG269.9± MATCH (E)
EG268.2± MATCH (E)
EG269.0± MATCH (E)
FG 271.00
FG 271.58
FG 269.03
FG 269.31
FG 270.93
FG 270.85
EG272.2± MATCH (E)
FG 271.61
FG 271.69
FG 271.37
FG 271.61
EG272.5± MATCH (E)
FG 272.74
FG 272.35
FG 271.82
FG 271.87
EG271.9± MATCH (E)
FG 271.91
FG 271.57
EG271.5± MATCH (E)

LIMITS OF GRADING
REFER TO LANDSCAPE PLANS FOR MORE INFORMATION
LIMITS OF GRADING

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 10 20 40



KEYMAP

No.	REVISION	BY	DATE
4			
3			
2			
1			

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C321

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 22255
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
GRADING OAK WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 51
OF 133 SHEETS

15-E-14632

10/19/2026 5:08 PM G:\Projects\Eng Jobs\15245\100% CONSTRUCTION DOCUMENTS\CAD\Sheet Sets\05_Trail Sheet Sets\15-E-14632_GRADING OAK WAYPOINT.dwg - Annemarie Fox

WARNING
POWER LINES OVERHEAD

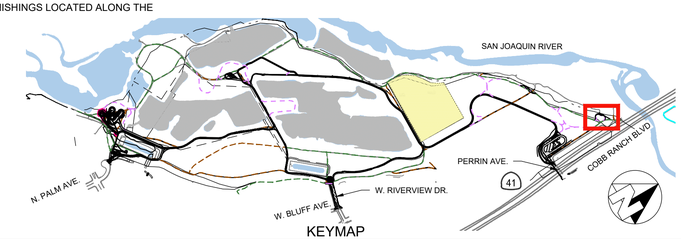
811 Know what's below. Call before you dig.

(E) DIRT PATH TO REMAIN
(E) TREE, TYP.
(E) ELECTRICAL UTILITY
PROPERTY LINE
REFER TO LANDSCAPE PLANS FOR MORE INFORMATION
(E) CSLC LOW WATER LINE
(E) 200' RIPARIAN CORRIDOR
FG 272.11
FG 271.62
FG 271.22
LIMITS OF GRADING
(E) DIRT PATH TO REMAIN
(E) FEMA FLOOD ZONE
FG 273.35
FG 270.87
(E) CSLC HIGH WATER LINE
EG271.5± MATCH (E)
EG 274.0± MATCH (E)
(E) CVFPB DESIGNATED FLOODWAY
(E) FEMA FLOOD ZONE
EG 274.1± MATCH (E)
EG 273.5± MATCH (E)
(E) IRRIGATION UTILITY
(E) ELECTRICAL UTILITY
(E) DIRT PATH TO REMAIN
(E) DIRT PATH TO REMAIN
PROPERTY LINE
(E) 150' BUFFER BETWEEN RIPARIAN CORRIDOR AND MULTI-USE TRAIL
(E) CHAIN LINK FENCE
(E) CHAIN LINK FENCE

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 10 20 40



KEYMAP

No.	REVISION	BY	DATE
4			
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FARR No. 91171 CIVIL STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C322

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 66020
ENC. NO. 190701
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
GRADING UNDERPASS WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 52
OF 133 SHEETS

15-E-14633

10/17/2025 5:08 PM G:\Fresno_City of-15615\22025-River West Eaton Trail Extension\300_CAD\430 Sheet Sets\05_Trail Sets\02 GRADING UNDERPASS WAYPOINT.dwg - Annemarie Farr

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

(E) IRRIGATION UTILITY

R67

10'

R12

R20

R12

10'

TOP OF BANK

MATCHLINE SEE SHEET 40

EQUESTRIAN TRAIL TO MATCH (E) ALIGNMENT OF DIRT PATH. CONTRACTOR TO LIMIT DISTURBANCE TO (E) TREES AND ADJUST PATH TO AVOID TREES AS NEEDED

(E) TREE, TYP.

H POND

10'

TOP OF BANK

MATCHLINE SEE SHEET 42

MATCHLINE 48+00 SEE SHEET 39

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
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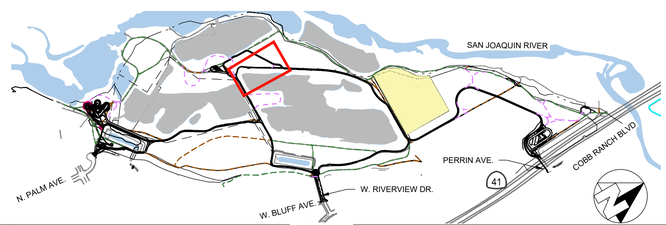
/ NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2 / 71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1 / 71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11 / 70
CONSTRUCT AGGREGATE BASE SURFACING	3 / 71
CONSTRUCT COMPACTED NATIVE SURFACING	5 / 71

SCALE IN FEET
0 15 30 60

KEYMAP



No.	REVISION	BY	DATE
4			
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C323

DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
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PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

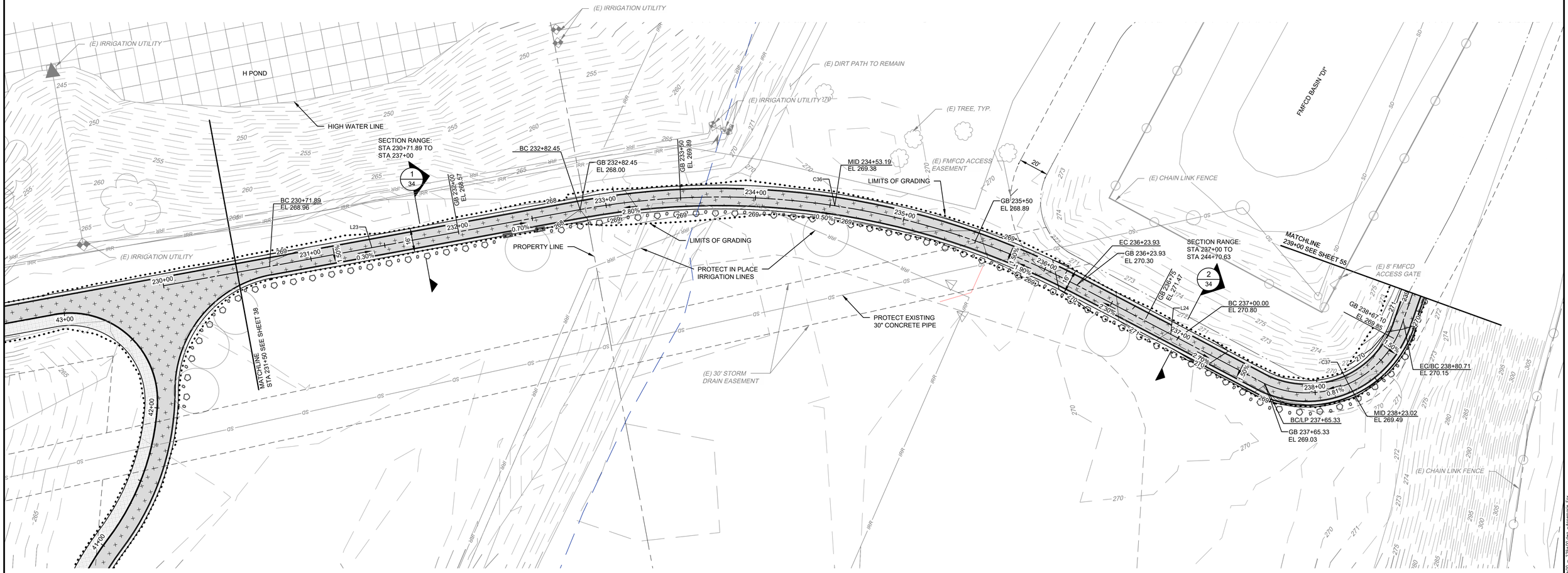
RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
EQUESTRIAN TRAIL

REVIEWED OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 53 OF 133 SHEETS
15-E-14634

10/19/2026 3:59 PM G:\Fpmm...\City of\15613\22025-River West Eaton Trail Extension\300 CAD\340 Sheet Set\VDS_Trail Plan\53 EQUESTRIAN TRAIL.dwg - Jonathan Fox

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.



NOT APPLICABLE THIS SHEET

CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

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SCALE IN FEET
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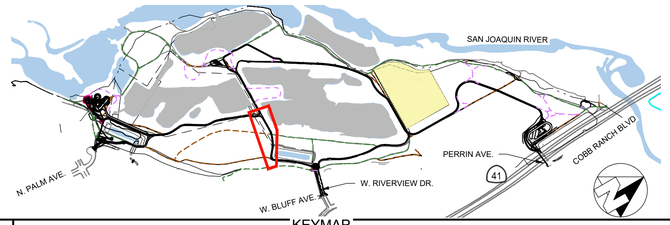

KEYMAP

No.	REVISION	BY	DATE
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2			
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FAY No. 91171 CIVIL STATE OF CALIFORNIA

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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C324

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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 66220
DEL. NO. 1899021
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
RIVERVIEW SPUR STA 230+00 – 239+00

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

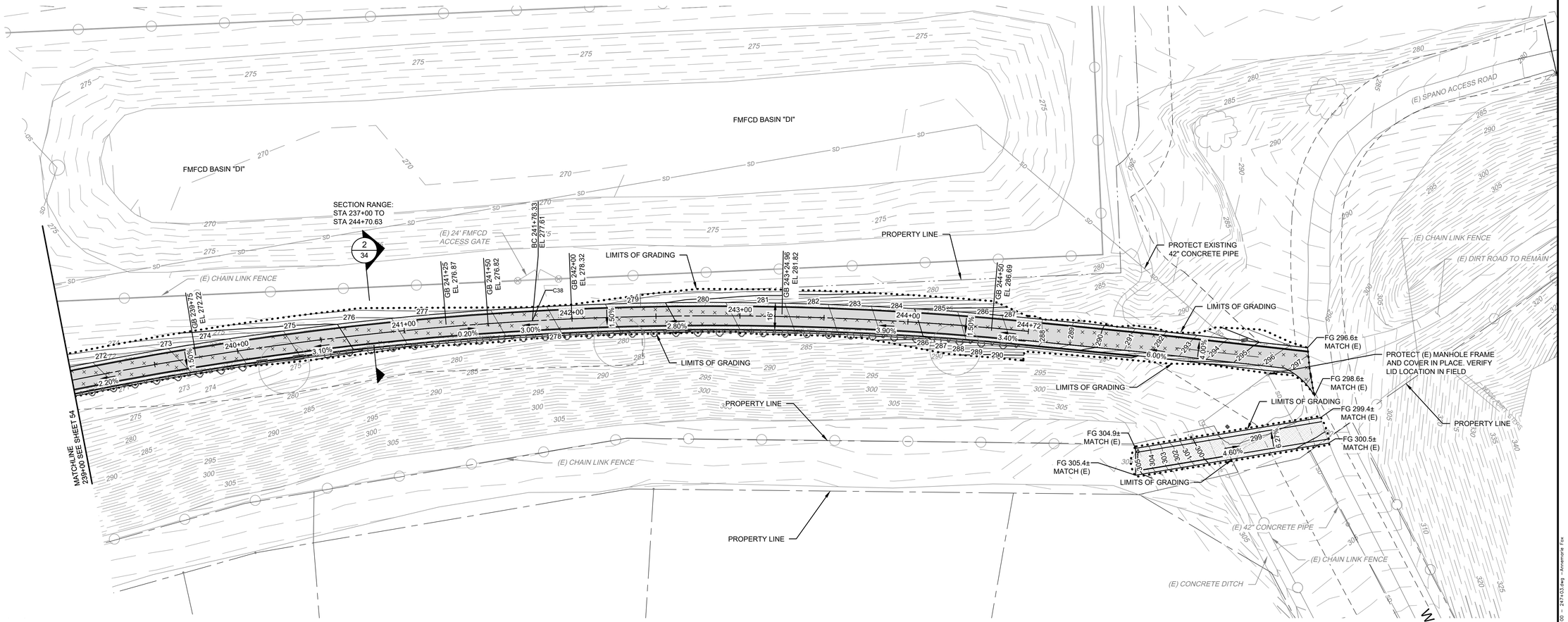
SHEET NO. 54
OF 133 SHEETS

15-E-14635

10/19/2026, 8:10 PM S:\Projects_City of\15615\Design\300 CAD\340 Sheet Sets\305_Trail Sht\54 RIVERVIEW SPUR STA 230+00 – 239+00.dwg Annemarie Fay

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.



/ NOT APPLICABLE THIS SHEET

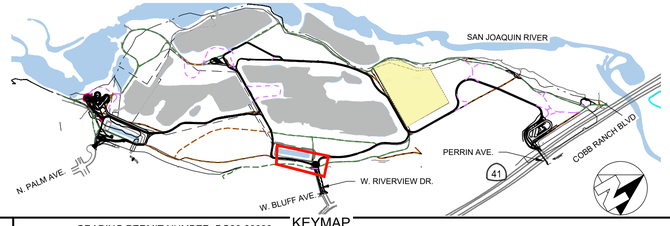
CONSTRUCTION LEGEND

CONSTRUCT ROADWAY (VEHICULAR) ASPHALT	2/71
CONSTRUCT TRAIL (NON-VEHICULAR) ASPHALT	1/71
CONSTRUCT 3.5" THICK CONCRETE WALK PER CITY OF FRESNO STD DWG P-5 & P-9	
CONSTRUCT DECOMPOSED GRANITE SURFACING	11/70
CONSTRUCT AGGREGATE BASE SURFACING	3/71
CONSTRUCT COMPACTED NATIVE SURFACING	5/71

GENERAL NOTES

1. CONTRACTOR TO REMOVE EXISTING DETERIORATED IRRIGATION SYSTEM ALONG THE TRAIL CORRIDOR PLUS AN ADDITIONAL 10' ON EITHER SIDE. RECENTLY REPLACED IRRIGATION TUBING INSTALLED WITHIN RESTORATION PLANTING AREAS TO BE PROTECTED IN PLACE UNLESS OTHERWISE DIRECTED.
2. REFER TO LANDSCAPING PLANS AND DETAILS FOR LANDSCAPING AND TRAIL FURNISHINGS LOCATED ALONG THE TRAIL.

SCALE IN FEET
0 15 30 60



KEYMAP

GRADING PERMIT NUMBER: BG26-00092

C325

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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CLOVIS, CA 93611
PH 559/449-2700
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DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00985
FUND NO. 22525
ORG. NO. 58501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
TRAIL IMPROVEMENTS
RIVERVIEW SPUR STA 239+00 – 247+03

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: SF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 55
OF 133 SHEETS

15-E-14636

10/17/2026 3:11 PM G:\Projects\City of Fresno\15012\2025 River West Eaton Trail Extension\350 CAD\340 Sheet Sets\05 Trail Sheet Set\55 RIVERVIEW SPUR STA 239+00 - 247+03.dwg - Annemarie Fox



FIRE PROTECTION GENERAL NOTES

1. ALL FIRE SERVICE UNDERGROUND PIPING SHALL BE INSTALLED PER THE CURRENTLY ADOPTED VERSIONS OF NFPA 13 AND NFPA 24 AS ADOPTED AND AMENDED BY THE 2025 CALIFORNIA FIRE CODE.
2. THRUST BLOCKS OR OTHER APPROVED METHODS OF FIRE SERVICE MAIN RESTRAINT SHALL BE INSTALLED AS NOTED IN NFPA 24.
3. A LISTED UNDERGROUND GATE VALVE IN A ROADWAY BOX SHALL BE INSTALLED IN EACH HYDRANT CONNECTION WITHIN 20 FEET OF THE HYDRANT. THE ISOLATION GATE VALVE IN THE LATERAL SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FRESNO PUBLIC WORKS STANDARDS AND SHALL NOT BE LOCATED WITHIN A PARKING STALL OR A LOADING ZONE.
4. ALL PIPE WITH A DIAMETER OF 4 INCHES OR LARGER SHALL BE DR-18.
5. INSTALL 14-GAUGE, BLUE COLORED, INSULATED, TRACER WIRE ON ALL FIRE SERVICE UNDERGROUND MAINS. INSTALLATION SHALL BE AS SPECIFIED IN THE CURRENTLY ADOPTED VERSION OF THE CALIFORNIA PLUMBING CODE, §604.10.1.
6. ALL UNDERGROUND PIPING SHALL BE FLUSHED AT THE MINIMUM REQUIRED FLOW RATES AS REQUIRED IN EITHER THE CURRENTLY ADOPTED VERSIONS OF NFPA 13 OR NFPA 24 WHICHEVER IS THE MOST RESTRICTIVE.
7. THE REQUIRED 2 HOUR/200PSI PRESSURE TEST FOR THE FIRE SERVICE UNDERGROUND SHALL BE DONE AGAINST A BLANK FLANGE. TESTING AGAINST A CHECK VALVE OR SHUT GATE VALVE IS PROHIBITED.

No.	REVISION	BY	DATE
4			
3			
2			
1			

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C401

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00886
FUND NO. 52220
ORG. NO. 1899001
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
UTILITY KEYMAP

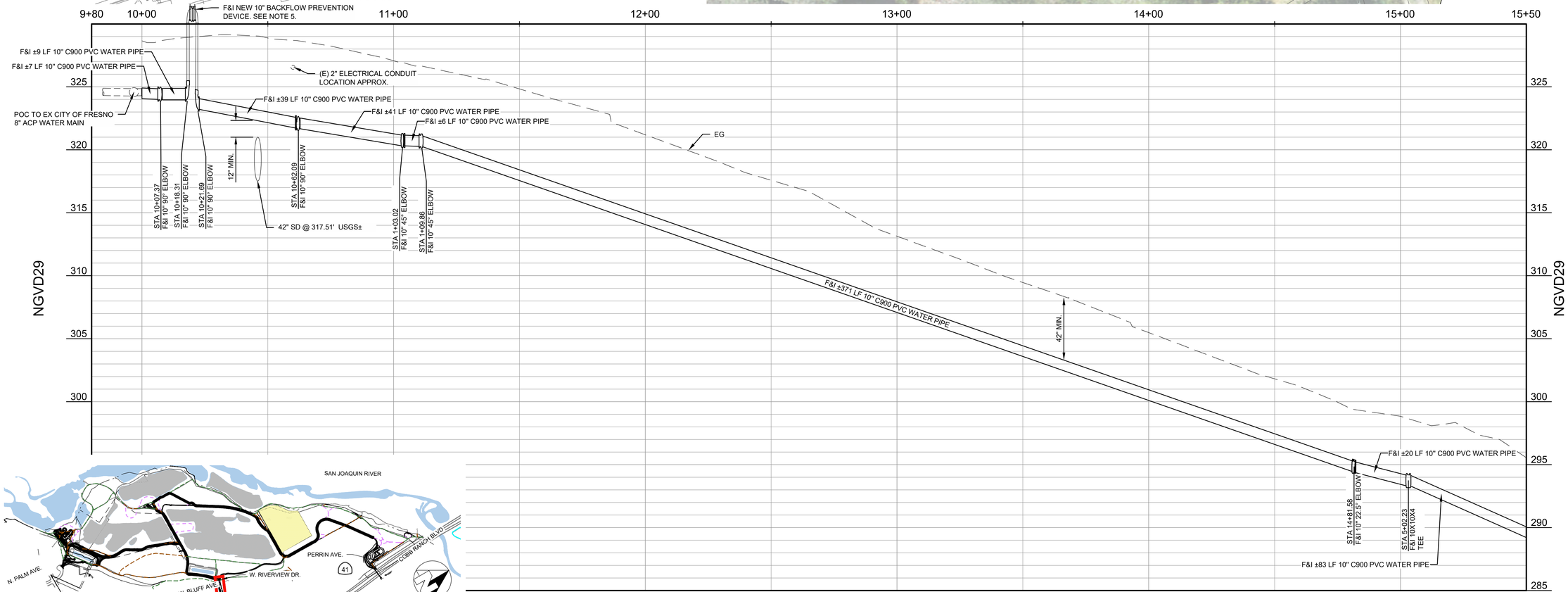
REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: MN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 56
OF 133 SHEETS
15-E-14637

10/19/2026 1:48 PM By Victoria.Ely at I:\SC\13\13245\2025-River West Eaton Trail Extension\100 CAD\340 Sheet Sets\06_Utilities\56 UTILITY KEYMAP.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





SCALE IN FEET
0 10 20 40 HORIZ.
0 2 4 8 VERT.

NOTES

1. ALL BELOW GROUND PIPE SHALL HAVE A MINIMUM 42-INCH OF GROUND COVER UNLESS OTHERWISE SPECIFIED.
2. ALL JOINTS IN WATER PIPE SHALL BE RESTRAINED WHETHER SHOWN OR NOT.
3. PIPE BEDDING AND BACKFILL SHALL BE PER CITY OF FRESNO STANDARD DETAIL W-29.
4. WATER VALVE BOXES AND LIDS SHALL BE INSTALLED PER CITY OF FRESNO STANDARD DRAWINGS W-7 AND W-8.
5. FIRE SERVICE SHALL BE INSTALLED PER CITY OF FRESNO STANDARD DRAWING W-18. BACKFLOW PREVENTION DEVICE SHALL BE RPDA TYPE PER CITY STD DWG W-11 WITH LOW-FLOW BYPASS METER.
6. THE CIVIL ENGINEER IS RESPONSIBLE FOR VERIFYING COMPLIANCE WITH CALIFORNIA FIRE CODE (CFC) §507, FIRE PROTECTION WATER SUPPLIES. ALL FIRE PROTECTION WATER SUPPLIES MUST COMPLY WITH THE MINIMUM REQUIREMENTS OF CFC APPENDIX B.
7. AT THE TIME OF FINAL INSPECTION, THE PERMIT APPLICANT MUST PROVIDE THE OWNER OF THE PROPERTY WITH A CERTIFICATE OF COMPLETION, CERTIFICATE OF INSTALLATION, IRRIGATION SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE.
8. DRINKING WATER & IRRIGATION SUPPLY PIPES WILL FOLLOW THE SAME PROFILE AND BE LAID IN THE SAME TRENCH AS FIRE HYDRANT SUPPLY LINE.
9. PSV SHALL BE 2" 50-90 PSV WITH INTEGRAL CHECK VALVE. CLA VAL MODEL #50-90BCDPSYKC, OR EQUAL. UPSTREAM PRESSURE SHALL BE SET AS SHOWN IN PLANS.
10. F&I CONDUIT AND WIRING AS FOLLOWS:
ONE 1" C,
2#12 CU THWN,
1#12 CU GND
CONDUIT SHALL BE SCHEDULE 80 NON-METALIC CONDUIT CONFORMING TO UL STANDARD UL651.0. ALL BENDS SHALL BE LONG RADIUS ELBOWS.

No.	REVISION	BY	DATE
4			
3			
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1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C402

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW FILE NO. 13245
PROJ. ID P#00986
FUND NO. 14222
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 10+00–15+50

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

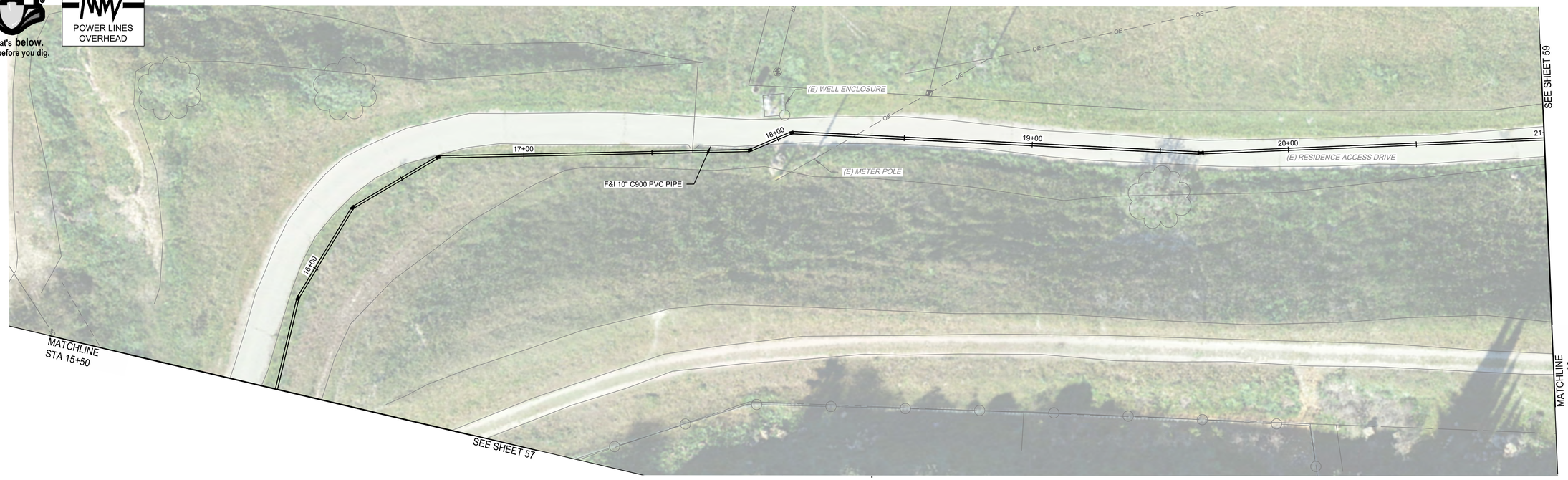
SHEET NO. 57
OF 133 SHEETS

15-E-14638

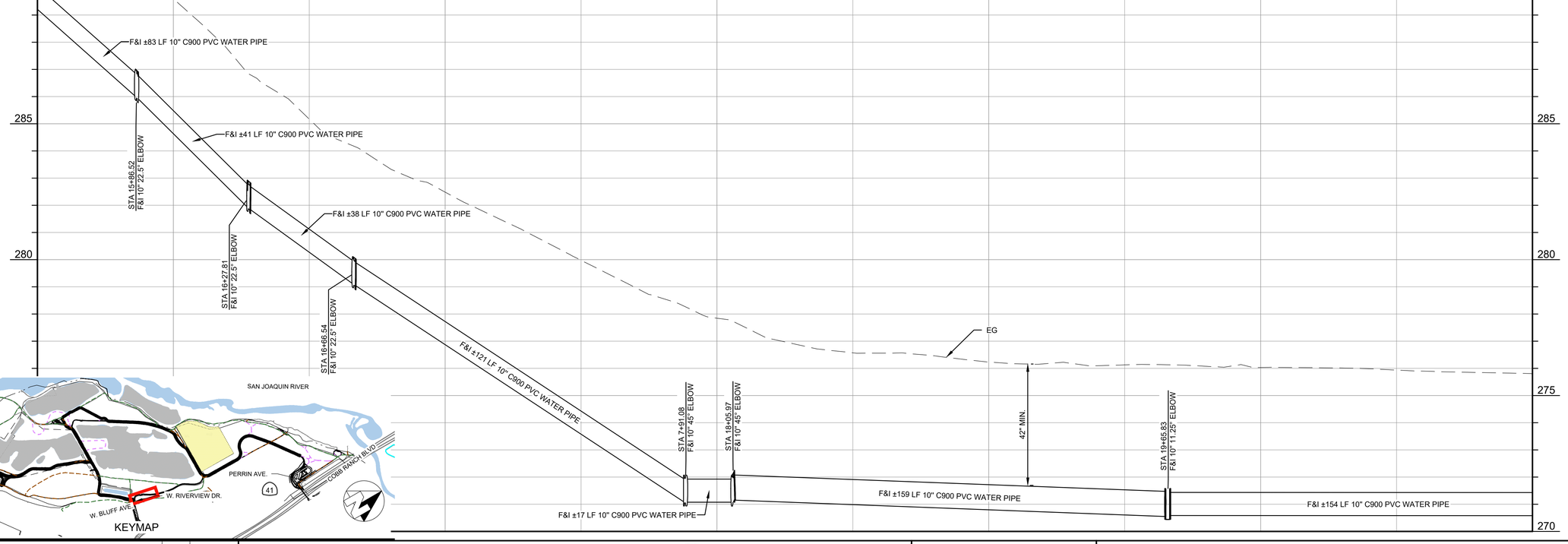
10/19/2026 1:49 PM G:\Fresno_City of\15615\125025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\06_Utilities\57 STA 10+00-15+50.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD



SCALE IN FEET
0 10 20 40 HORIZ.
0 1 2 4 VERT.



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No.	REVISION	BY	DATE
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REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C403

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 185901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 15+50–21+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 58
OF 133 SHEETS
15-E-14639

10/19/2026 1:50 PM G:\Frame...ity of\15613\22025-River West Eaton Trail Extension\300 CAD\300 Sheet Sets\06_Utilities\06 STA 15+50-21+00.dwg - Annemarie Fox

811
Know what's **below.**
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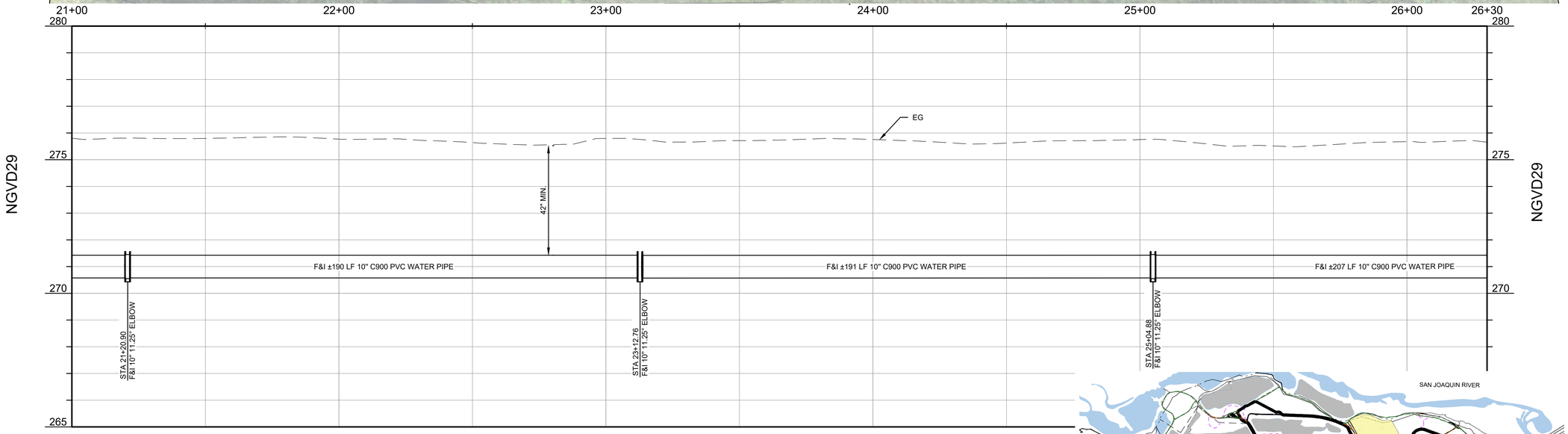
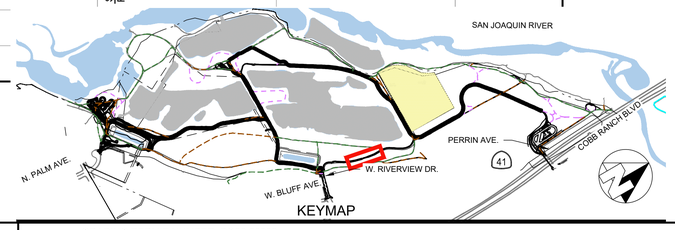
WARNING
POWER LINES OVERHEAD







SCALE IN FEET
0 10 20 40 HORIZ.
0 1 2 4 VERT.

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No.	REVISION	BY	DATE
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REGISTERED PROFESSIONAL ENGINEER
ANNEMARIE FOX
No. 91171
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STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C404

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P#00986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 21+00–26+30

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 59
OF 133 SHEETS
15–E–14640

10/17/2026 3:55 PM D:\Fpnm...City of~1561\1561\22025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\VA_Utilities\VA STA 21+00-26+30.dwg -Annemarie Fox

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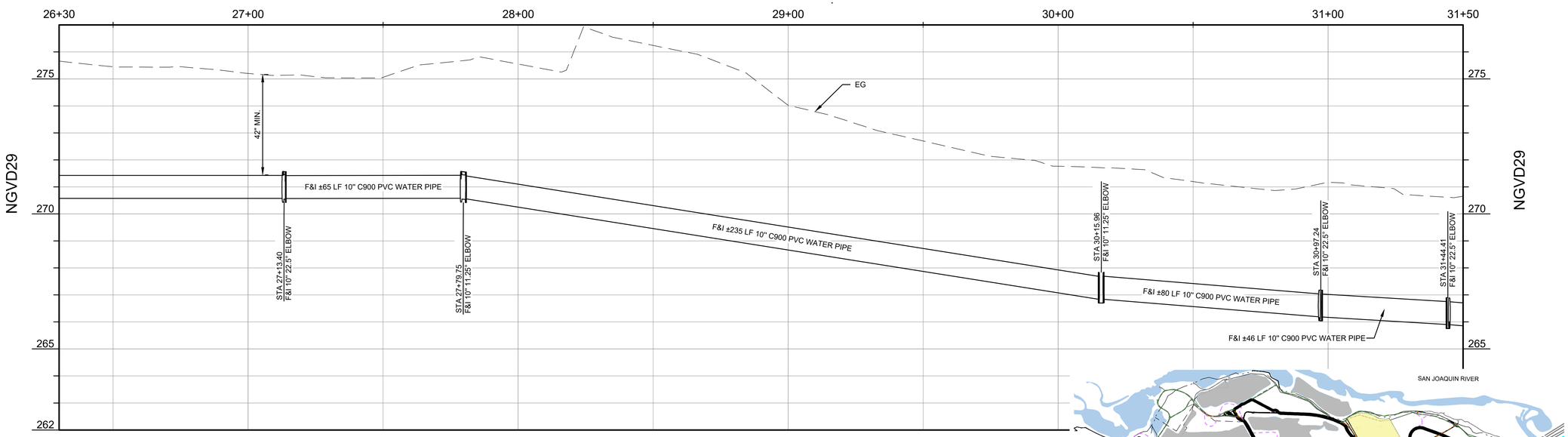
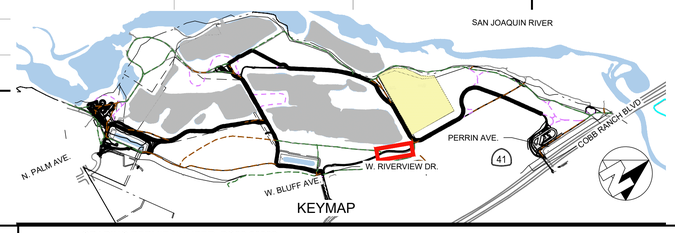
WARNING
POWER LINES OVERHEAD







SCALE IN FEET
0 10 20 40 HORIZ.
0 1 2 4 VERT.

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No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FAY No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C405

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 92220
DEL. NO. 190931
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 26+30–31+50

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 60
OF 133 SHEETS

15-E-14641

10/19/2026 1:51 PM G:\Projects_City of Fresno\15645\22025-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\06_Utilities\05 STA 26+30-31+50.dwg – Annemarie Fay

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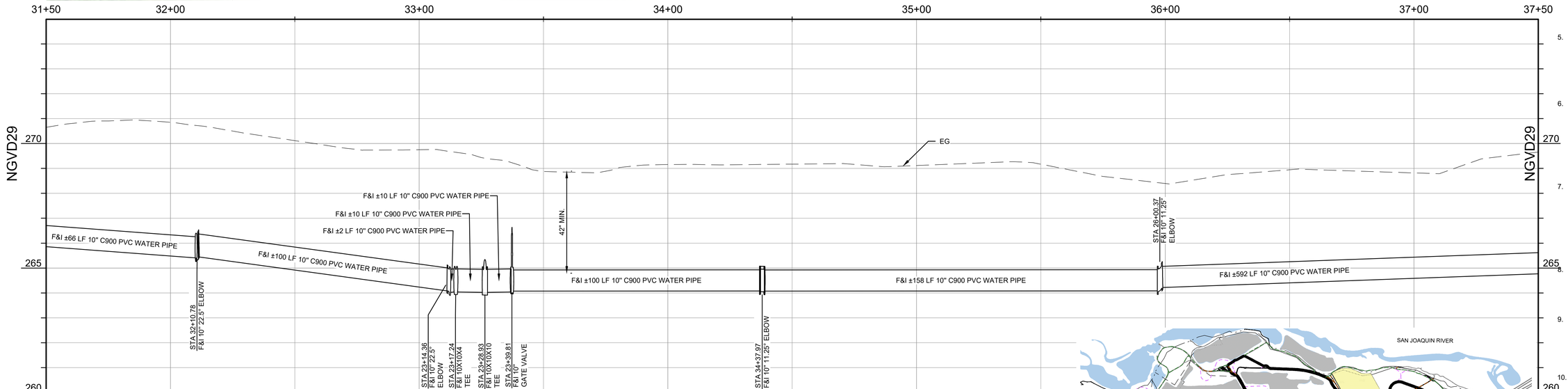

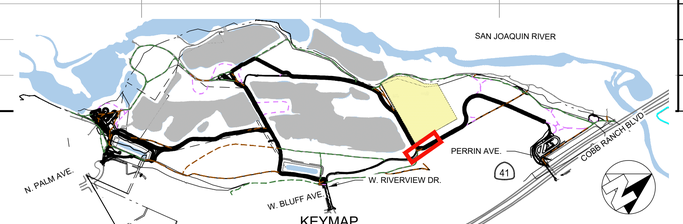

SCALE IN FEET
0 10 20 40 HORIZ.
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No.	REVISION	BY	DATE
4			
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2			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FARR No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
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GRADING PERMIT NUMBER: BG26-00092

C406

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FW00986
FUND NO. 72123
ORG. NO. 169901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 31+50–37+50

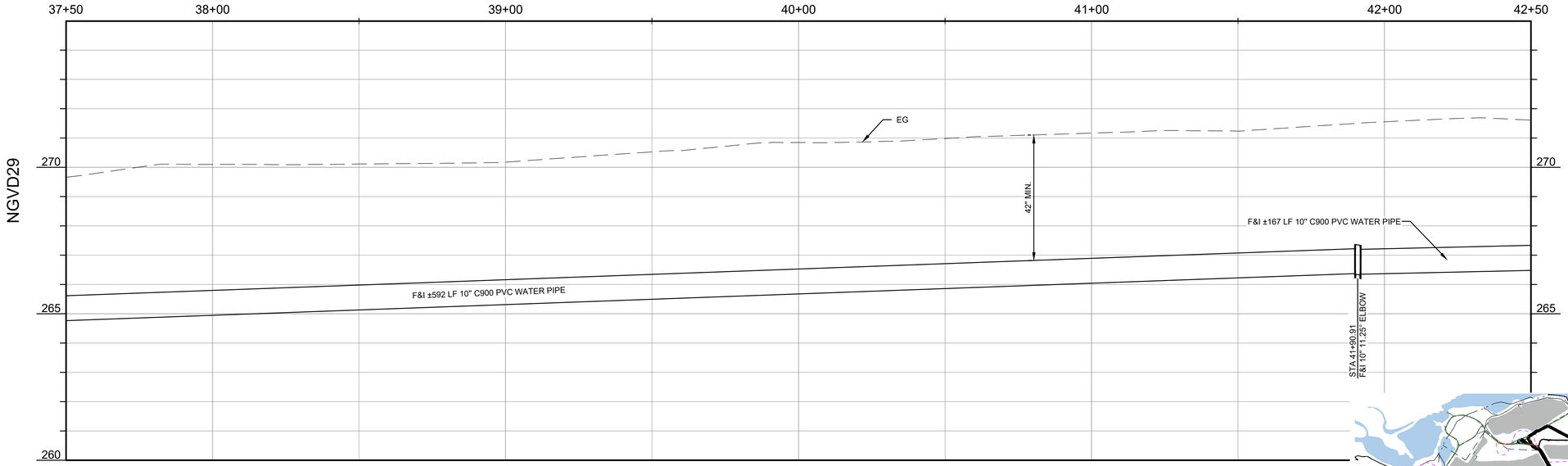
REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 61
OF 133 SHEETS
15-E-14642

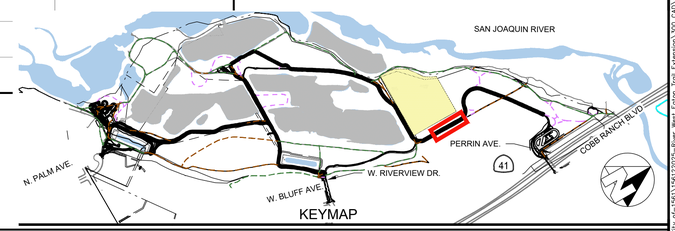
10/19/2026 1:52 PM B:\Fresno_City of-15915\56123\25-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\06 Utilities\01 STA 31+50-37+50.dwg -Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD







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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNE MARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C407

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 37+50–42+50

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JAN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 62
OF 133 SHEETS

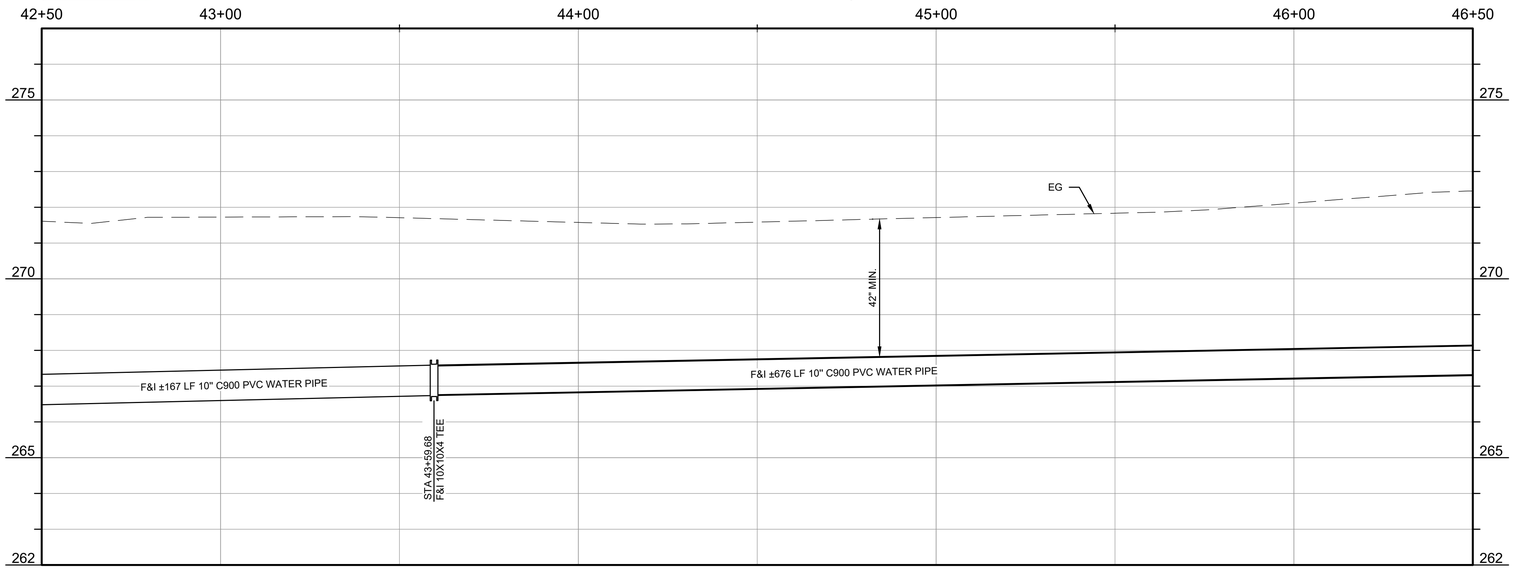
15-E-14643

10/19/2026 1:53 PM G:\Projects\210 - 15615\15615\2023-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\08_Utilities\62_STA 37+50-42+50.dwg - Annemarie Fox

Know what's **below.**
Call before you dig.

WARNING
POWER LINES OVERHEAD





SCALE IN FEET
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0 1 2 4 VERT.

NOTES

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ONE 1" C,
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1#12 CU GND
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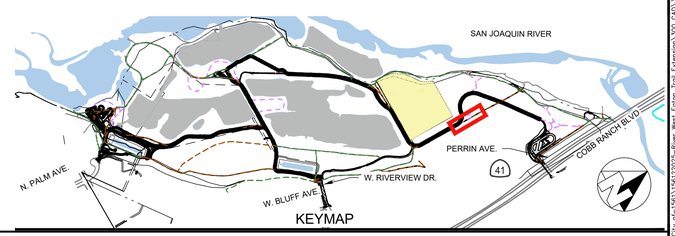

No.	REVISION	BY	DATE
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3			
2			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C408

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0986
FUND NO. 22222
ORG. NO. 55501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 42+50–46+50

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 63
OF 133 SHEETS

15–E–14644

10/19/2026 3:53 PM By:Yvette.Joy pf=15613/22025_River West Eaton Trail Extension\300 CAD\240 Sheet Sets\06_Utilities\S3 STA 42+50-46+50.dwg - Annemarie Fox

Know what's **below.**
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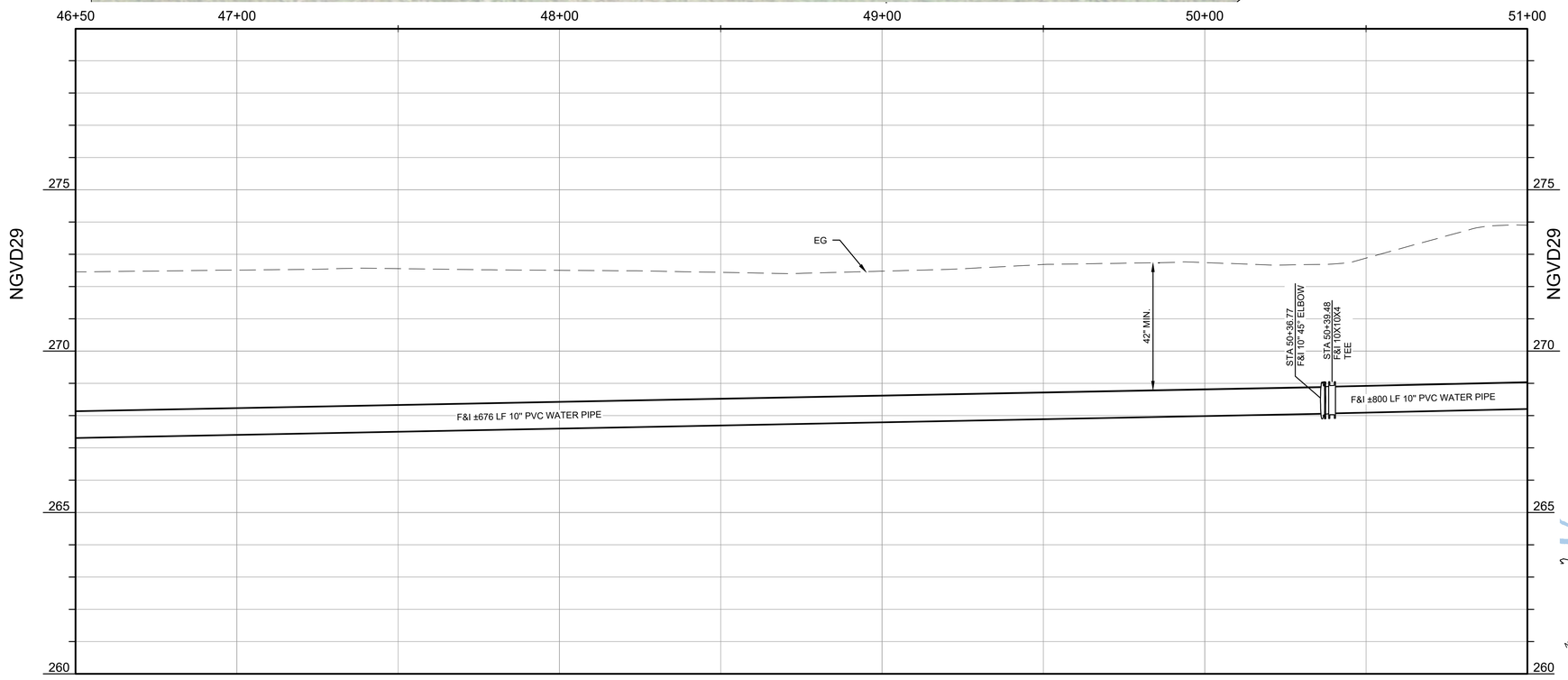
WARNING
POWER LINES OVERHEAD





SCALE IN FEET
0 10 20 40 HORIZ.
0 1 2 4 VERT.

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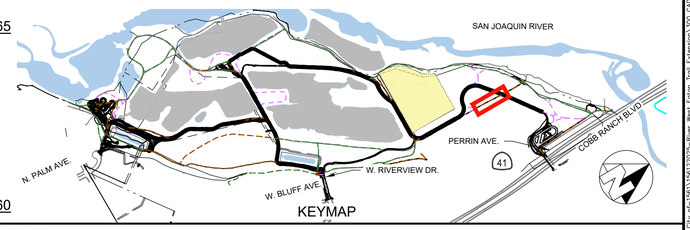

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ANNEMARIE FOX
No. 91171
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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C409

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. NO. PWC0086
FUND NO. 22525
ORG. NO. 169501
REF. & REV.

CITY OF FRESNO
DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 46+50–51+00

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 64
OF 133 SHEETS
15–E–14645

10/19/2026 1:54 PM E:\Fresno_City of-1561\1561202\2-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\06_Utilities\Vol 4\STA 46+50-51+00.dwg - Annemarie Fox

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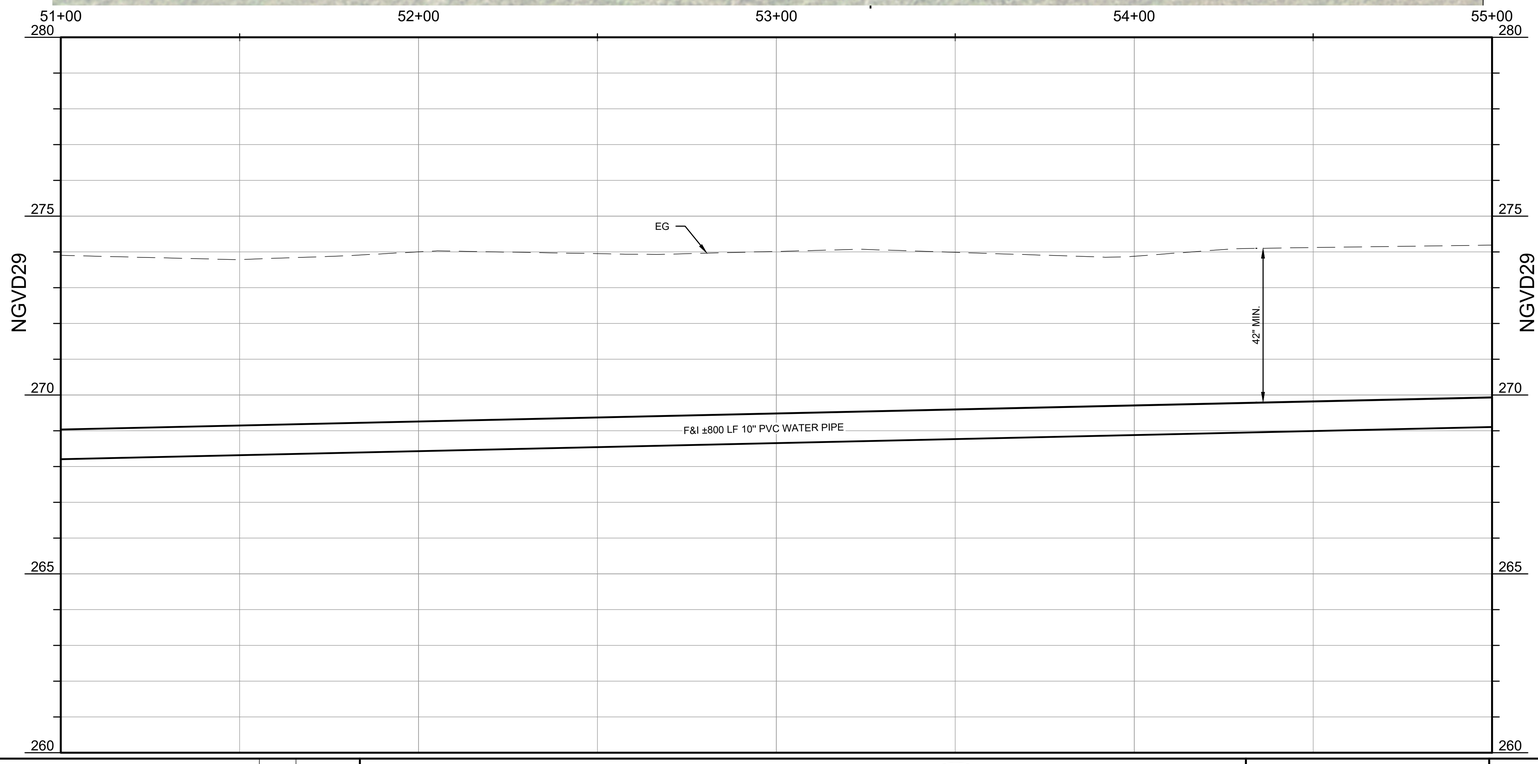
POWER LINES OVERHEAD





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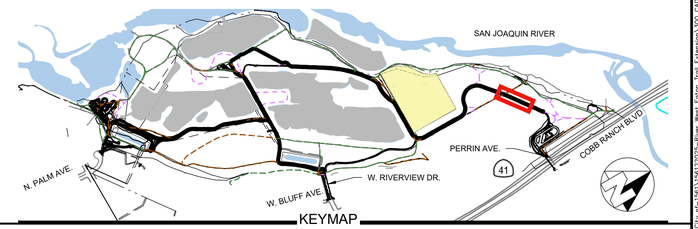

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100% CONSTRUCTION DOCUMENT SUBMITTAL
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REGISTERED PROFESSIONAL ENGINEER
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No. 91171
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GRADING PERMIT NUMBER: BG26-00092

C410

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 22255
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

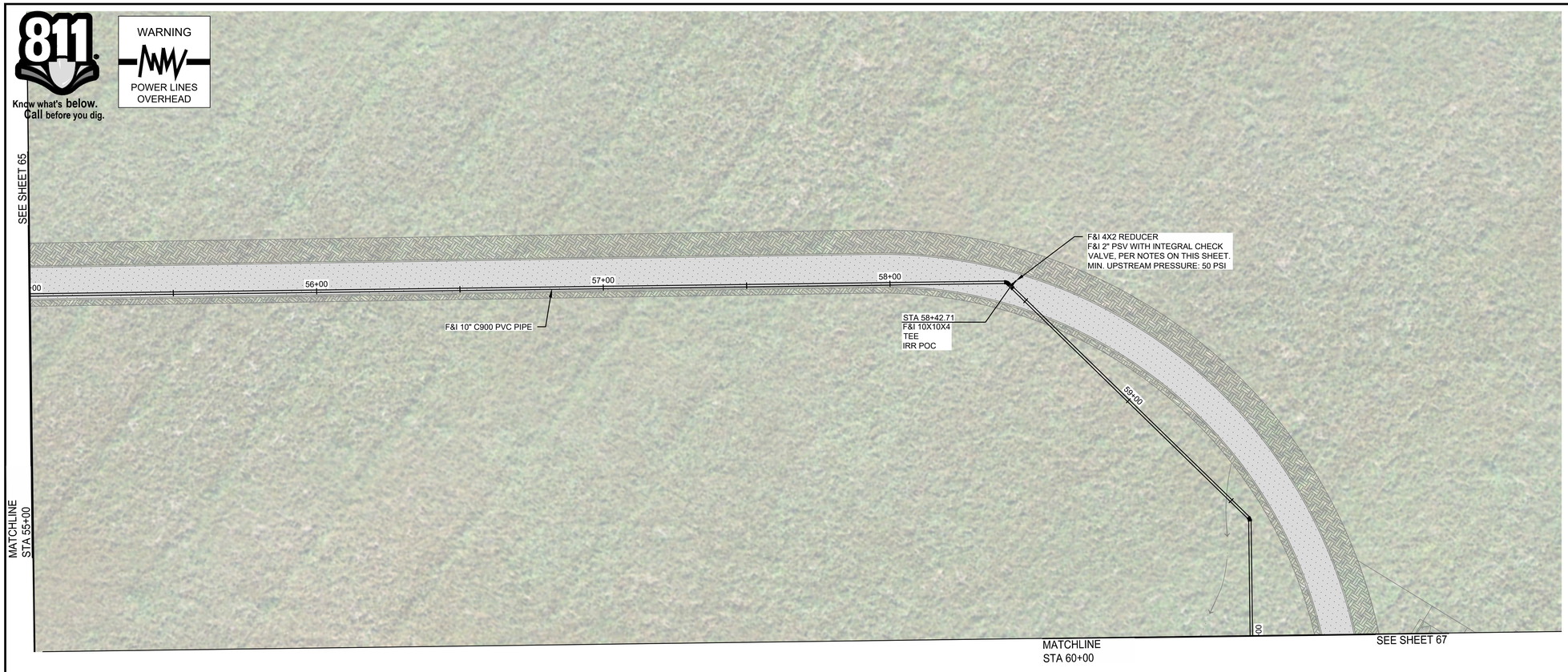
RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 51+00–55+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JAIN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 65
OF 133 SHEETS
15–E–14646

10/19/2026 1:35 PM By Vhenry City of Fresno\300 CAD\345 Sheet Sets\06 Utilities\65 STA 51+00-55+00.dwg Annemarie Fox

Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD



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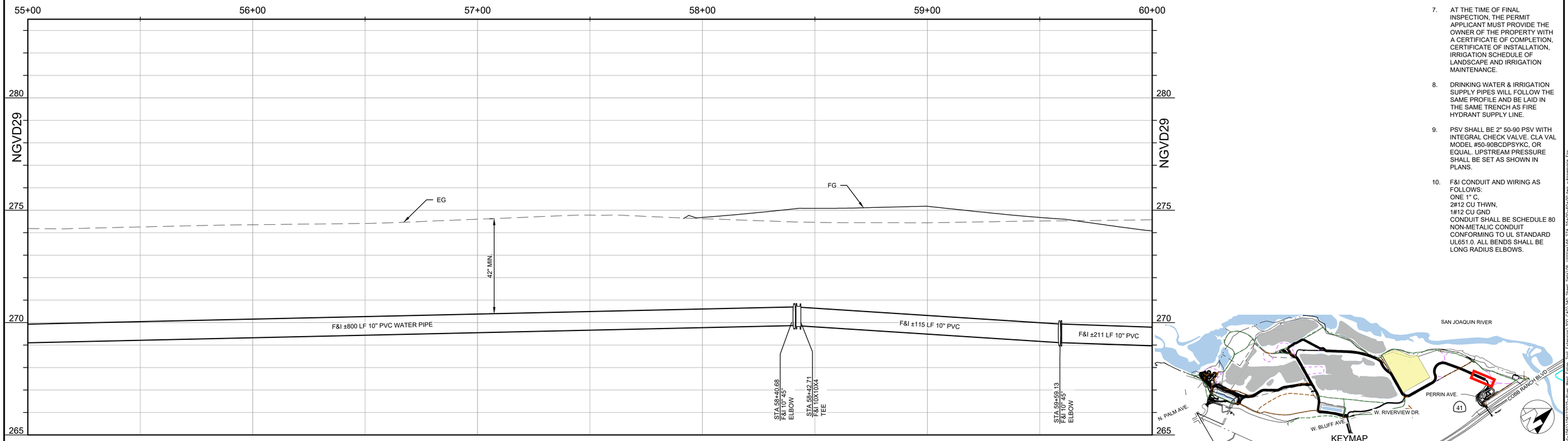

No.	REVISION	BY	DATE
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STATE OF CALIFORNIA

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C411

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0886
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 55+00–60+00

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: JMN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 66
OF 133 SHEETS
15–E–14647

10/19/2026 1:55 PM By Vanessa Ray of I:\561\WR\2022-River West Eaton Trail Extension\Civil CAD\340 Sheet Sets\08-Utilities\65 STA 55+00-60+00.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD

PROPOSED POLE TO BE INSTALLED BY PG&E, REFER TO PG&E PLANS FOR CONDUIT CONNECTION.

F&I 3" CONDUIT, REFER TO PG&E PLANS

F&I ELECTRICAL PANEL MOUNTED IN TESCO 26-100 METERED SERVICE PEDESTAL. PANEL SHALL BE INSTALLED PER PG&E GREEN BOOK STANDARDS IN APPROXIMATE LOCATION SHOWN, TO SUPPLY POWER TO IRRIGATION CONTROLLER. PG&E TO INSTALL METER.
TESCO ADDRESS:
9335 N BLACKSTONE AVENUE L/S

F&I CONDUIT, SEE NOTE 10.

F&I FIRE HYDRANT ASSEMBLY PER CITY OF FRESNO STD DETAIL W-3 W/ BOLLARDS

F&I GATE VALVE AND VALVE BOX PER CITY OF FRESNO STANDARDS. SEE NOTE 4.

F&I 4X2 REDUCER
F&I 2" PSV WITH INTEGRAL CHECK VALVE, PER NOTES ON THIS SHEET.
MIN. UPSTREAM PRESSURE: 50 PSI

IRRIGATION CONTROLLER, SEE IRRIGATION PLANS

F&I FIRE HYDRANT ASSEMBLY PER CITY OF FRESNO STD DETAIL W-3 W/ BOLLARDS

F&I GATE VALVE AND VALVE BOX PER CITY OF FRESNO STANDARDS. SEE NOTE 4.

F&I 10" C900 PVC PIPE

SEE SHEET 66

MATCHLINE STA 60+00

60+00 61+00 62+00 63+00 64+00 64+44

STA 64+38.80
F&I 10X10X4 TEE
IRR POC
WOODWARD WEST

WOODWARD WEST
PARKING & TRAILHEAD

SCALE IN FEET
0 10 20 40 HORIZ.
0 1 2 4 VERT.

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60+00 61+00 62+00 63+00 64+00 65+00

NGVD29 275 270 265

EG
FG
42" MIN.

F&I FIRE HYDRANT ASSEMBLY PER C.O.F. STD DTL W-3

STA 64+38.80
F&I 10X10X4 TEE

STA 64+40.66
F&I 10" GATE VALVE

STA 65+09.88
F&I 10" 90° ELBOW

F&I ±211 LF 10" PVC WATER PIPE

F&I ±266 LF 10" PVC WATER PIPE

STA 61+70.94
F&I 10X10X10 TEE

SAN JOAQUIN RIVER
PERRIN AVE.
COBB RANCH BLVD
N. PALM AVE.
W. RIVERVIEW DR.
W. BLUFF AVE.
41
KEYMAP

No.	REVISION	BY	DATE
4			
3			
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REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

C412

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWC00286
FUND NO. 52220
DEL. NO. 19/9701
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS RIVERVIEW
STA 60+00–65+00

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

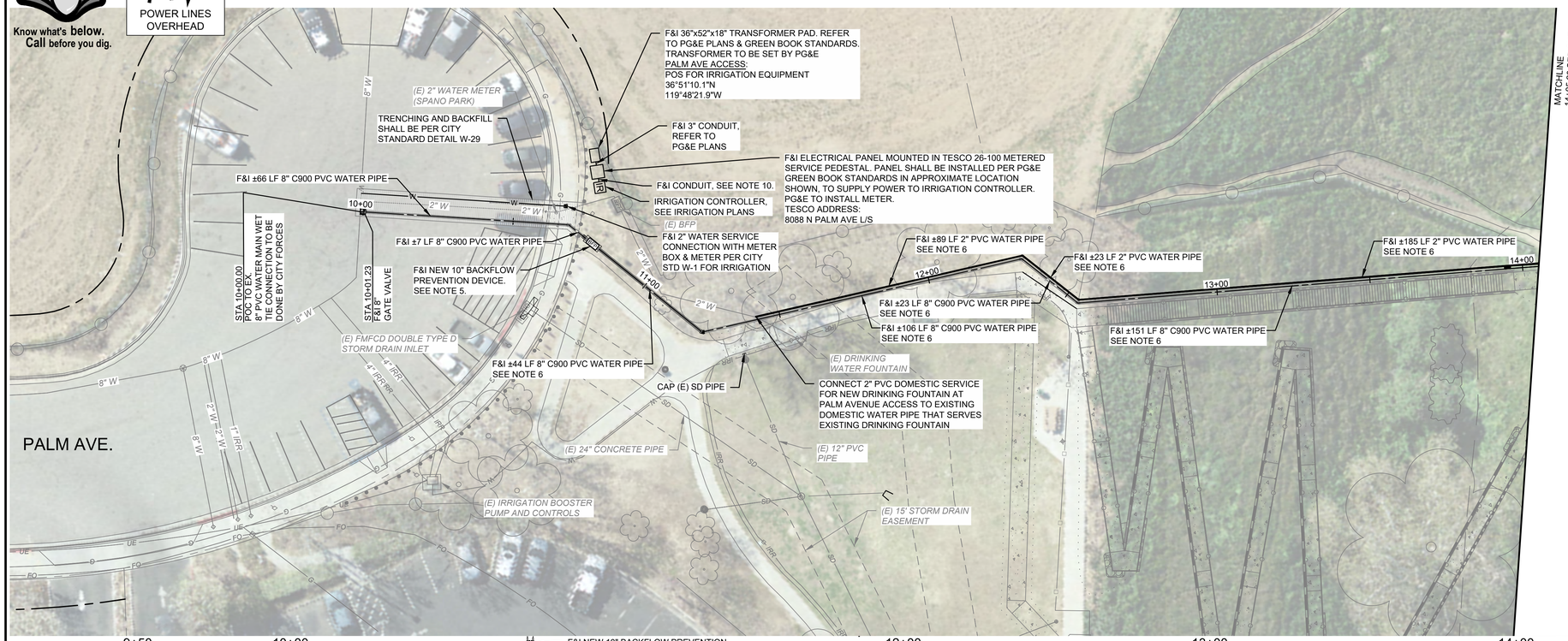
SHEET NO. 67
OF 133 SHEETS

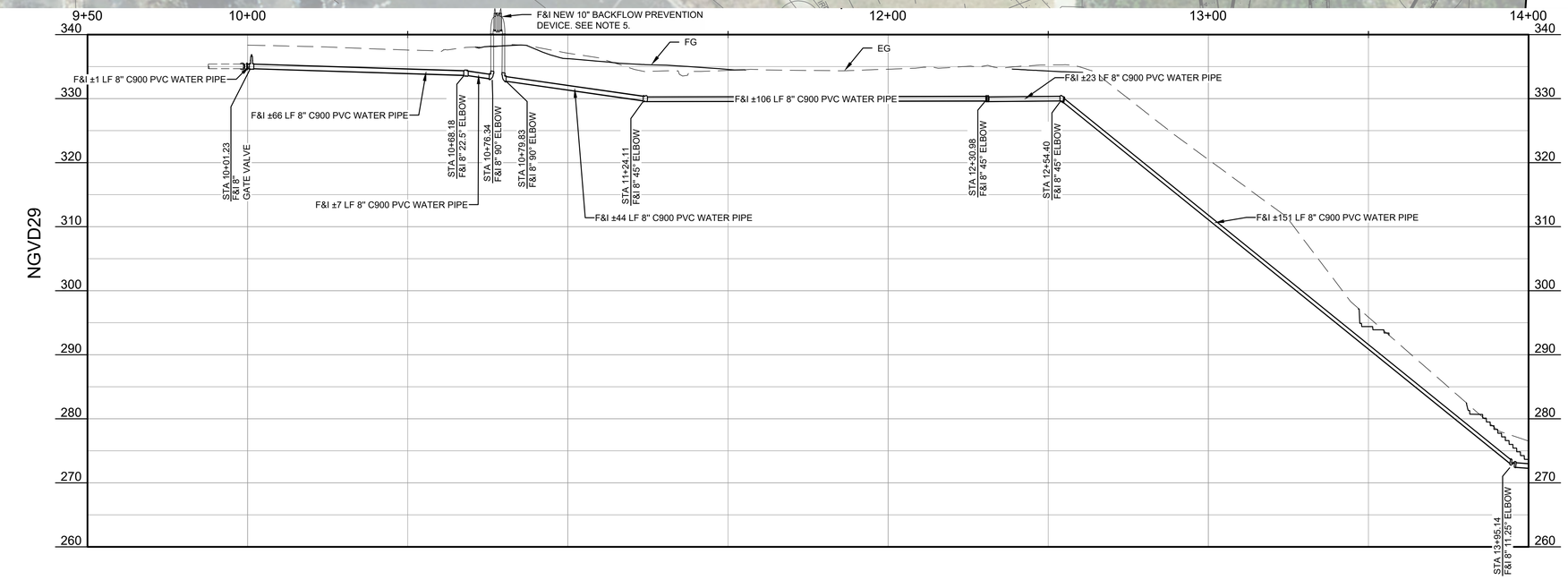
15-E-14648

10/19/2026 8:39:04 AM O:\Fresno_City of\19\13567\2025-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\06_Utilities\AF STA 60+00-65+00.dwg - Annemarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





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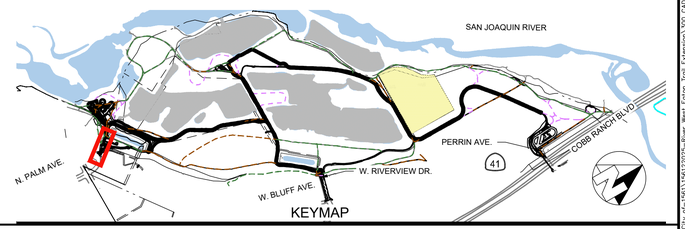

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GRADING PERMIT NUMBER: BG26-00092

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DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID FWD0886
FUND NO. 72225
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REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS SPANO PARK
STA 10+00–14+00

REVIEWED:
OFFICE ENG._____ CITY ENG._____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

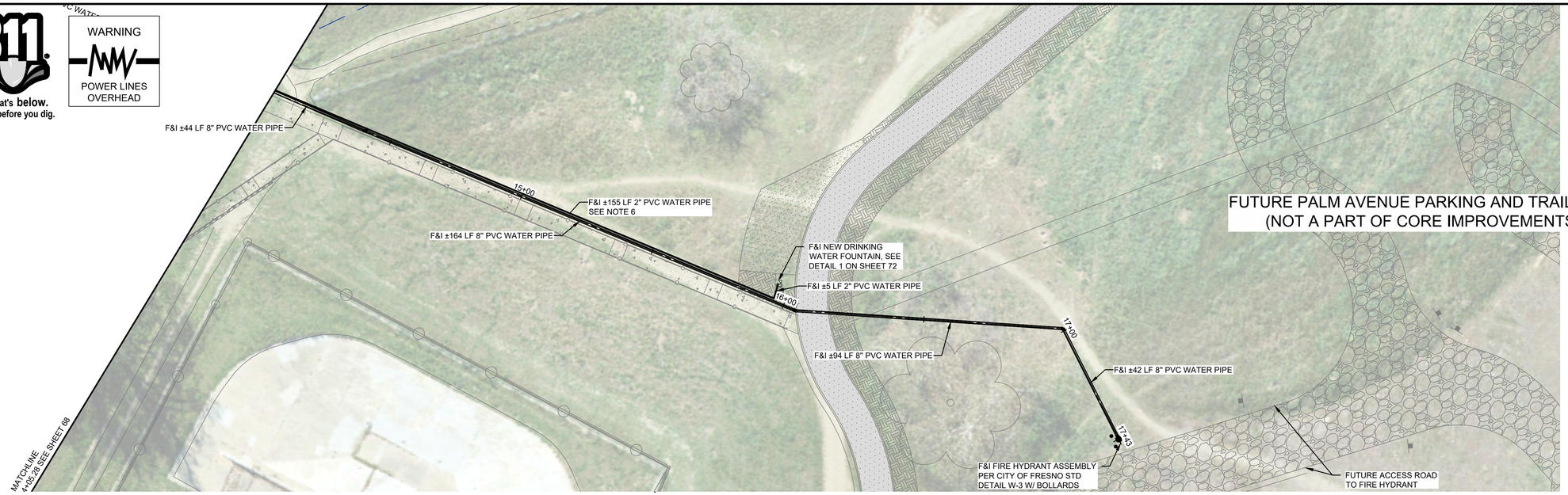
SHEET NO. 68
OF 133 SHEETS

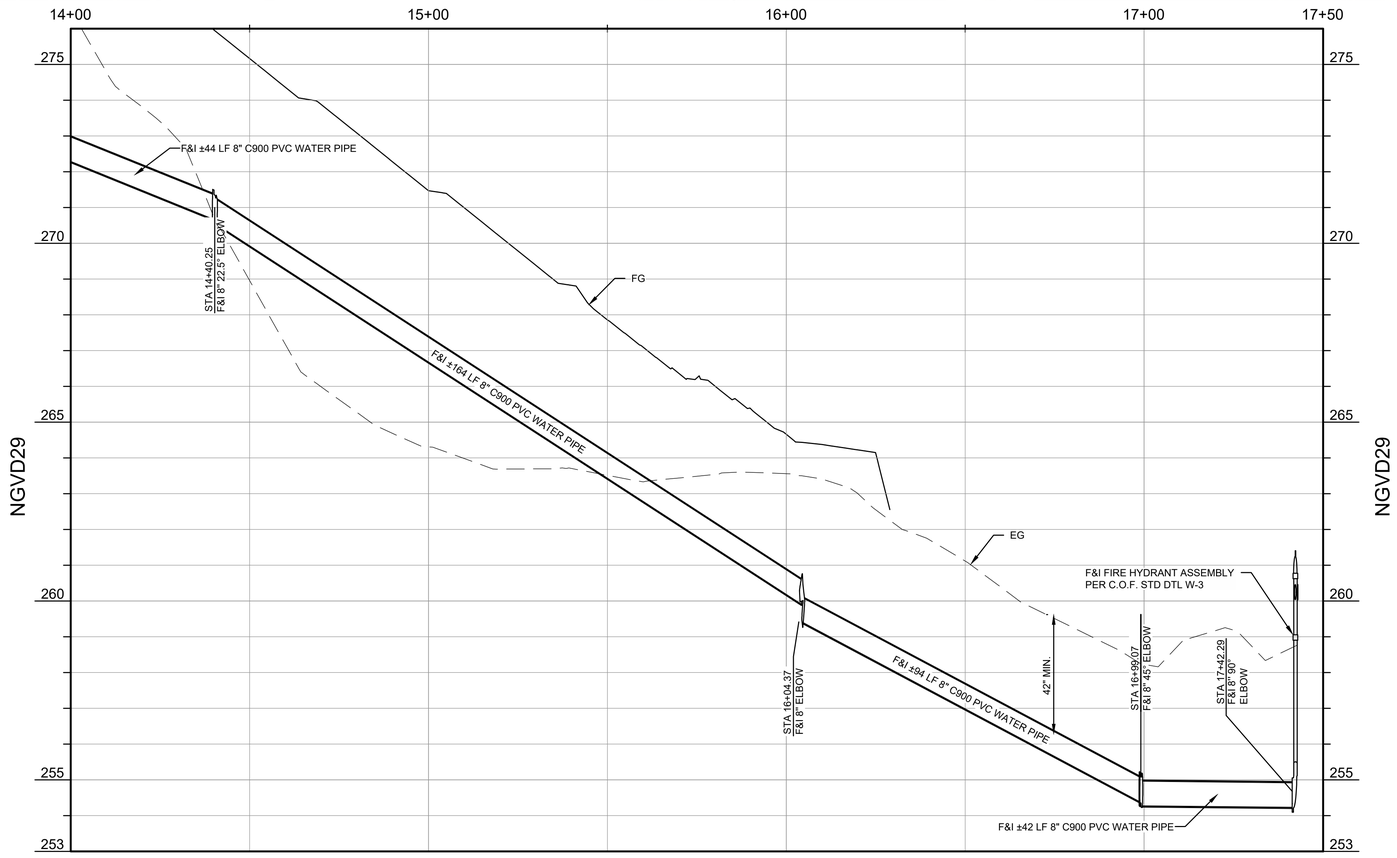
15–E–14649

10/19/2026 1:57 PM G:\Projects\City of Fresno\15601\22225-River West Eaton Trail Extension\300 CAD\345 Sheet Sets\06_Utilities\West Loop\68 STA 10+00–14+00.dwg - Anamarie Fox

811 Know what's below. Call before you dig.

WARNING
POWER LINES OVERHEAD





SCALE IN FEET
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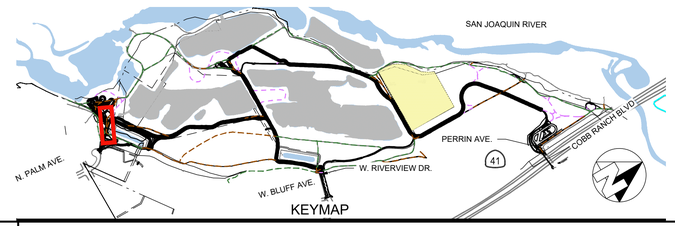
0 1 2 4 VERT.



NOTES

1. ALL BELOW GROUND PIPE SHALL HAVE A MINIMUM 42-INCH OF GROUND COVER UNLESS OTHERWISE SPECIFIED.
2. ALL JOINTS IN WATER PIPE SHALL BE RESTRAINED WHETHER SHOWN OR NOT.
3. PIPE BEDDING AND BACKFILL SHALL BE PER CITY OF FRESNO STANDARD DETAIL W-29.
4. WATER VALVE BOXES AND LIDS SHALL BE INSTALLED PER CITY OF FRESNO STANDARD DRAWINGS W-7 AND W-8.
5. FIRE SERVICE SHALL BE INSTALLED PER CITY OF FRESNO STANDARD DRAWING W-18. BACKFLOW PREVENTION DEVICE SHALL BE RPDA TYPE PER CITY STD DWG W-11 WITH LOW-FLOW BYPASS METER.
6. THE CIVIL ENGINEER IS RESPONSIBLE FOR VERIFYING COMPLIANCE WITH CALIFORNIA FIRE CODE (CFC) §507, FIRE PROTECTION WATER SUPPLIES. ALL FIRE PROTECTION WATER SUPPLIES MUST COMPLY WITH THE MINIMUM REQUIREMENTS OF CFC APPENDIX B.
7. AT THE TIME OF FINAL INSPECTION, THE PERMIT APPLICANT MUST PROVIDE THE OWNER OF THE PROPERTY WITH A CERTIFICATE OF COMPLETION, CERTIFICATE OF INSTALLATION, IRRIGATION SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE.
8. DRINKING WATER & IRRIGATION SUPPLY PIPES WILL FOLLOW THE SAME PROFILE AND BE LAID IN THE SAME TRENCH AS FIRE HYDRANT SUPPLY LINE.
9. PSV SHALL BE 2" 50-90 PSV WITH INTEGRAL CHECK VALVE. CLA VAL MODEL #50-90BCDPSYKC, OR EQUAL. UPSTREAM PRESSURE SHALL BE SET AS SHOWN IN PLANS.
10. F&I CONDUIT AND WIRING AS FOLLOWS:
ONE 1" C.
2#12 CU THWN,
1#12 CU GND
CONDUIT SHALL BE SCHEDULE 80 NON-METALIC CONDUIT CONFORMING TO UL STANDARD UL651.0. ALL BENDS SHALL BE LONG RADIUS ELBOWS.

No.	REVISION	BY	DATE
4			
3			
2			
1			

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REGISTERED PROFESSIONAL ENGINEER — ANNEMARIE FOX — No. 91171 — CIVIL — STATE OF CALIFORNIA

PROVOST & PRITCHARD
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GRADING PERMIT NUMBER: BG26-00092

C414

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 44455
DWG. NO. 169701
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
UTILITY PLANS SPANO PARK
STA 14+00–17+47

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/10/2026
SCALE: AS NOTED
SHEET NO. 69
OF 133 SHEETS
15–E–14650

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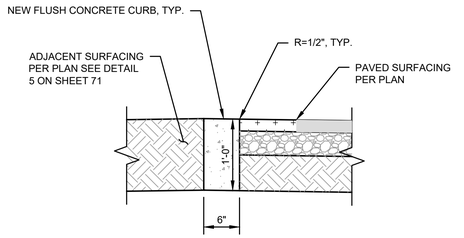
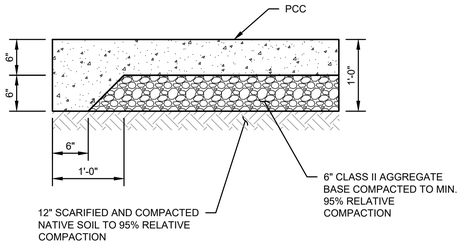
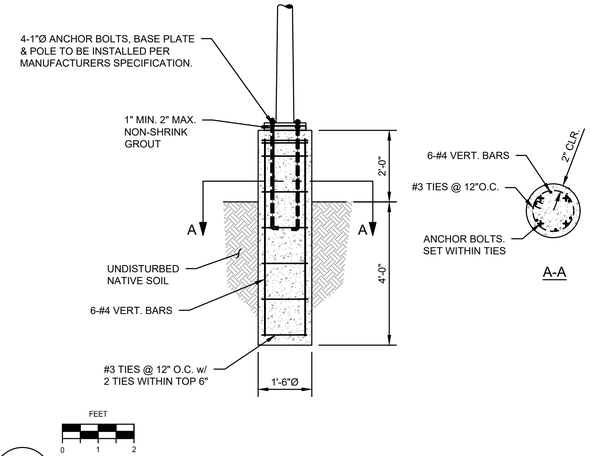


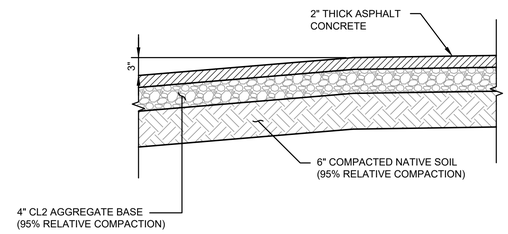
1/70 TYPICAL FLUSH CONCRETE CURB



2/70 ROAD (VEHICULAR) CONCRETE

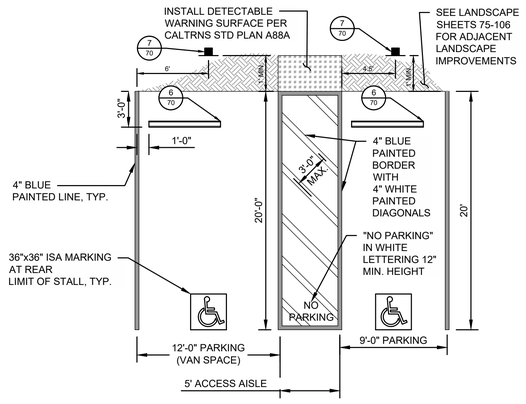


3/70 SOLAR LIGHT FOUNDATION

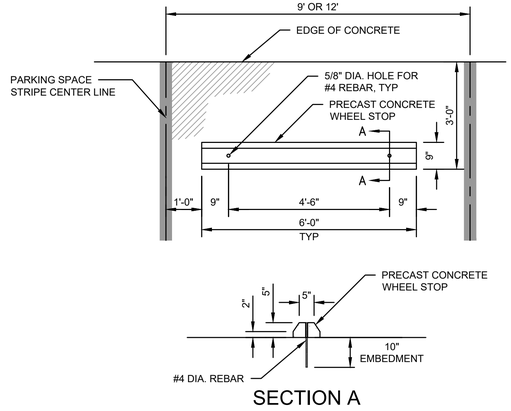


NTS

4/70 RAISED ASPHALT SECTION

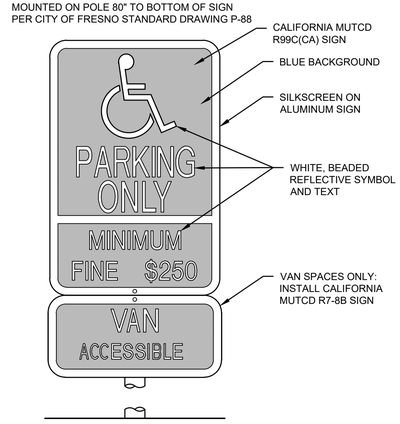


5/70 ACCESSIBLE PARKING

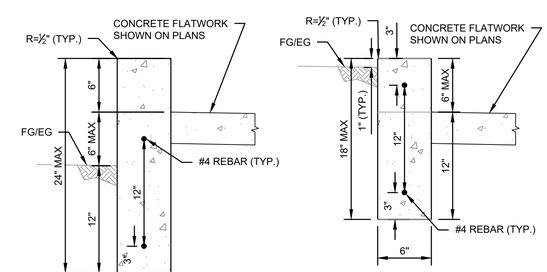


SECTION A

6/70 CONCRETE WHEEL STOP



7/70 ACCESSIBLE PARKING SIGN



RETAINING CONCRETE FLATWORK

WHERE CONCRETE FLATWORK IS HIGHER THAN ADJACENT FG/EG

RETAINING EG/FG

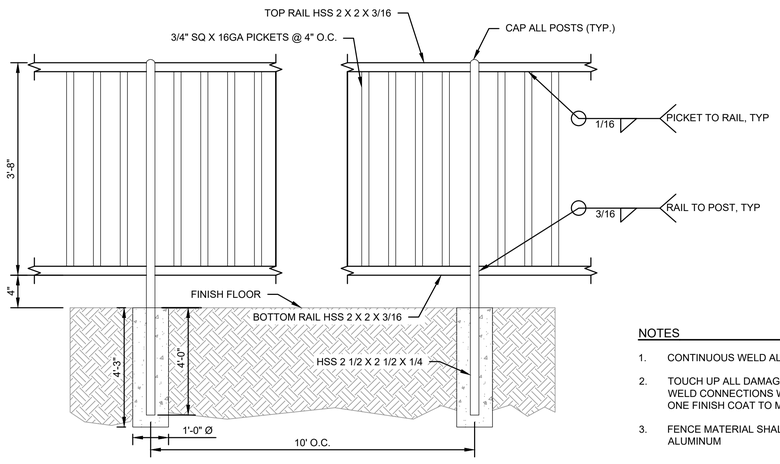
WHERE CONCRETE FLATWORK IS LOWER THAN ADJACENT FG/EG

NOTES

1. RETAINING CURB MAY BE POURED MONOLITHICALLY WITH ADJACENT RAMP, LANDING, OR SIDEWALK.

NOT TO SCALE

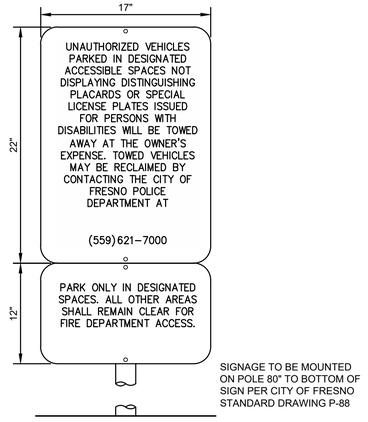
8/70 VARIABLE HEIGHT CONCRETE RETAINING CURB CURB RAMP



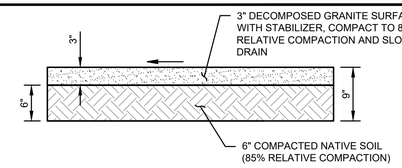
NOTES

1. CONTINUOUS WELD ALL METAL CONNECTIONS.
2. TOUCH UP ALL DAMAGE COATING AREAS AND NEW WELD CONNECTIONS WITH ONE PRIME COAT AND ONE FINISH COAT TO MATCH SUPPLIER.
3. FENCE MATERIAL SHALL BE BLACK ANODIZED ALUMINUM

9/70 4' METAL FENCE



10/70 TOW-AWAY SIGNAGE



11/70 DECOMPOSED GRANITE SURFACING

No.	REVISION	BY	DATE
4			
3			
2			
1			

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GRADING PERMIT NUMBER: BG26-00092

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DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P1800986
FUND NO. 22255
ORG. NO. 189001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
CIVIL DETAILS
DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 70
OF 133 SHEETS

15-E-14651

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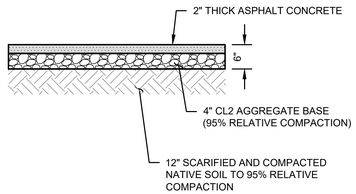
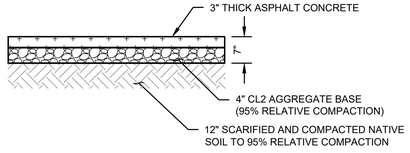


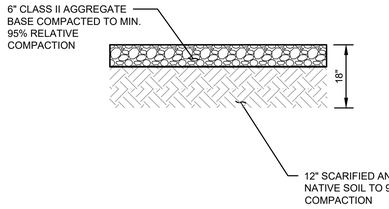
1/71

TRAIL (NON-VEHICULAR) ASPHALT



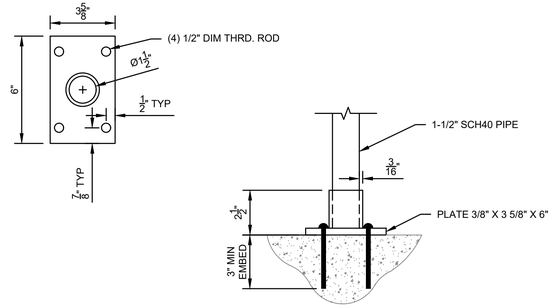
2/71

ROADWAY (VEHICULAR) ASPHALT



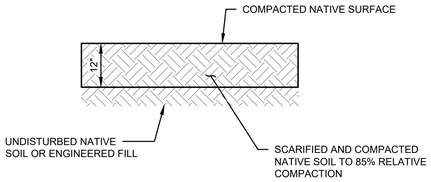
3/71

AGGREGATE BASE SURFACING



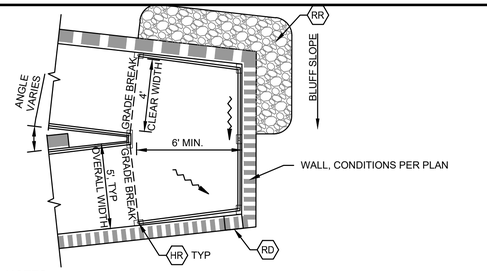
4/71

BASE-MOUNT POST



5/71

COMPACTED NATIVE SURFACING



NOTES

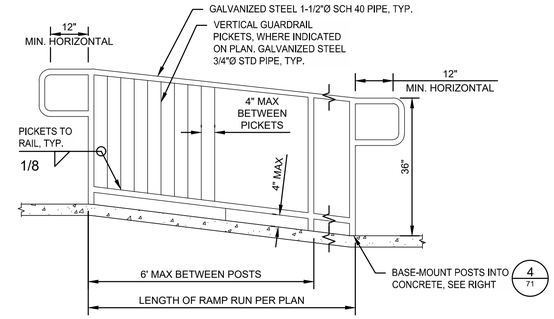
- RD 3" X 12" CAST IRON RECTANGULAR DRAIN THROUGH WALL PARAPET; SET FLOWLINE OF PIPE FLUSH WITH ADJACENT SURFACE OF LANDING
- HR HANDRAIL (W/GUARDRAIL WHERE INDICATED ON PLANS) (7/71)
- RR RIP RAP, SEE RAMP PLAN & PROFILE SHEETS
  SCARIFY AND RECOMPACT NATIVE SURFACE TO A DEPTH OF 6" MIN. PLACE 6"-8" ANGULAR ROCKS 1.5' WIDE 6" DEEP OVER 90% CNS. INSTALL NON-WOVEN GEOTEXTILE FILTER FABRIC BENEATH COBBLE. KEY IN FILTER FABRIC 6"-9" FOR ENTIRE PERIMETER.

FEET 0 2 4

DIRECTION OF SURFACE DRAINAGE

6/71

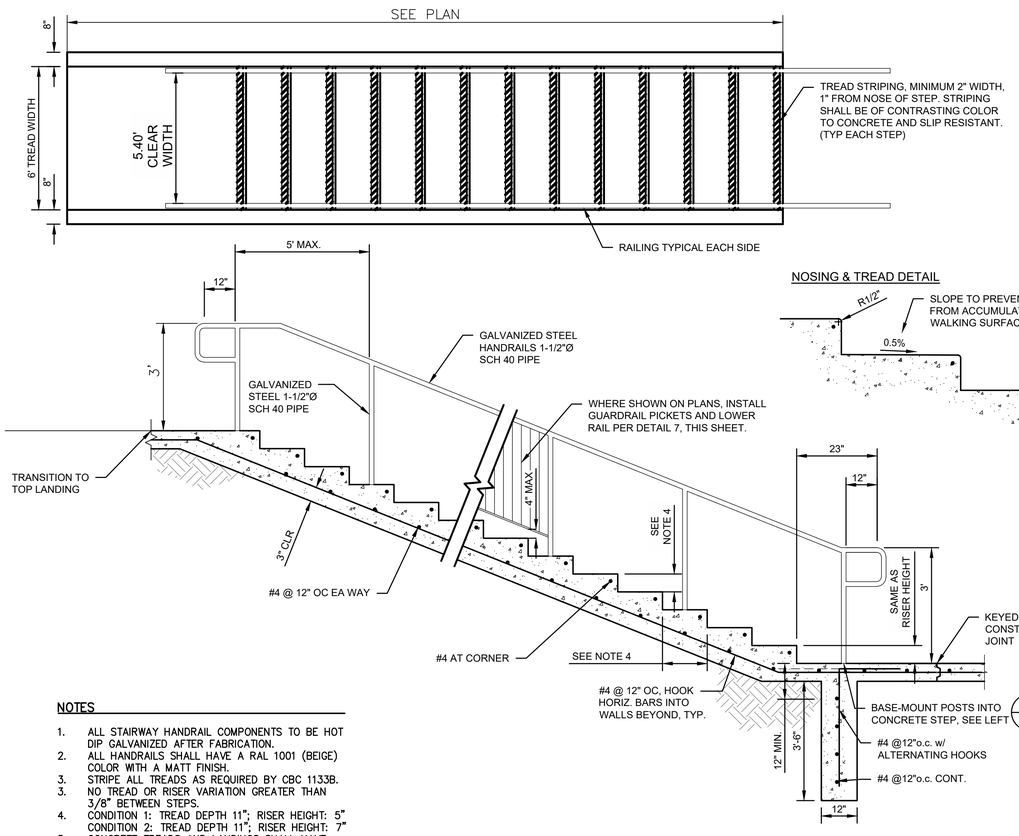
RAMP SWITCHBACK ENLARGEMENT



NOT TO SCALE

7/71

TYPICAL HANDRAIL WITH GUARDRAIL PICKETS



NOSING & TREAD DETAIL

NOTES

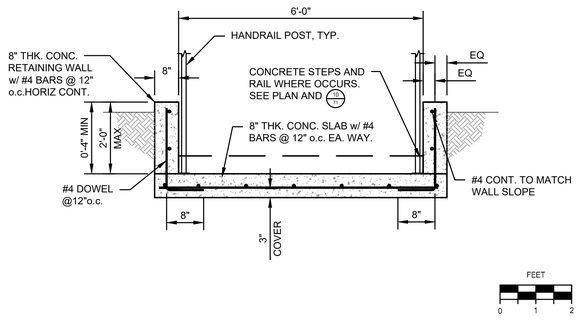
1. ALL STAIRWAY HANDRAIL COMPONENTS TO BE HOT DIP GALVANIZED AFTER FABRICATION.
2. ALL HANDRAILS SHALL HAVE A RAL 1001 (BEIGE) COLOR WITH A MATT FINISH.
3. STRIPE ALL TREADS AS REQUIRED BY CBC 1133B.
3. NO TREAD OR RISER VARIATION GREATER THAN 3/8" BETWEEN STEPS.
4. CONDITION 1: TREAD DEPTH 11"; RISER HEIGHT: 5"
   CONDITION 2: TREAD DEPTH 11"; RISER HEIGHT: 7"
5. CONCRETE TREADS AND LANDINGS SHALL HAVE HEAVY-BROOM FINISH.
6. HANDRAILS SHALL BE CONTINUOUS ACROSS INTERMEDIATE LANDINGS.

10/71

CONCRETE STAIRS

NOTES

1. ALL EXPOSED WALL FACES SHALL HAVE AN ANTI-GRAFFITI COATING.



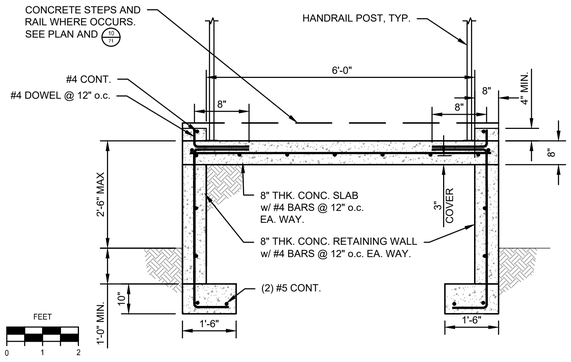
FEET 0 1 2

8/71

CONCRETE STAIRS CONDITION A

NOTES

1. ALL EXPOSED WALL FACES SHALL HAVE AN ANTI-GRAFFITI COATING.



FEET 0 1 2

9/71

CONCRETE STAIRS CONDITION B

No.	REVISION	BY	DATE
4			
3			
2			
1			

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GRADING PERMIT NUMBER: BG26-00092

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DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. P1903986
FUND NO. 22225
ORG. NO. 189001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
CIVIL DETAILS
DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 71
OF 133 SHEETS

15-E-14652

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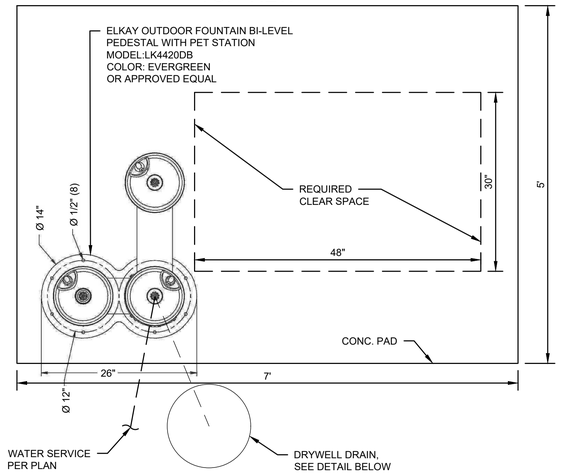
TOP VIEW

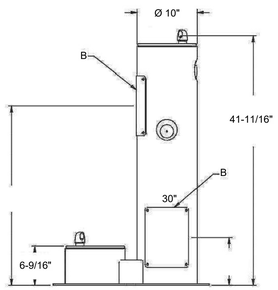


NOTES

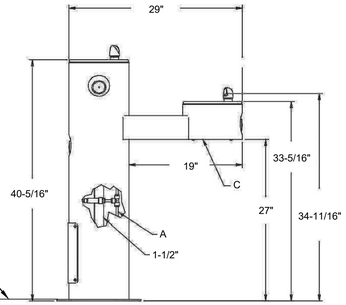
1. ATTACH FIRMLY TO MOUNTING SURFACES WITH 3/8" MINIMUM FASTENERS(NOT INCLUDED) IN ORDER TO SECURE UNIT.
2. INSTALL PLUMBING THROUGH GROUND AS REQUIRED .
3. POSITION PEDESTAL OVER PLUMBING AND SECURE BASE TO FASTENERS. REMOVE ACCESS PANELS AND CONNECT SUPPLY AND WATER LINES. TURN ON WATER SUPPLY AND CHECK FOR LEAKS. REASSEMBLE ACCESS PANELS TO PEDESTAL.

A = 3/8" UNPLATED COPPER TUBE CONNECT SHUT OFF VALVE
B = ACCESS PANEL
C = REMOVABLE BOTTOM COVER

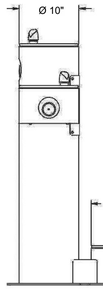
BACK VIEW

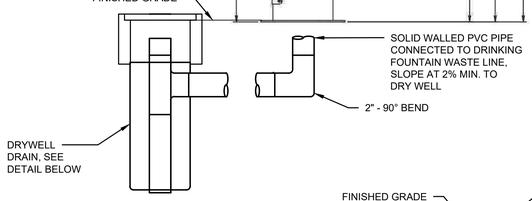


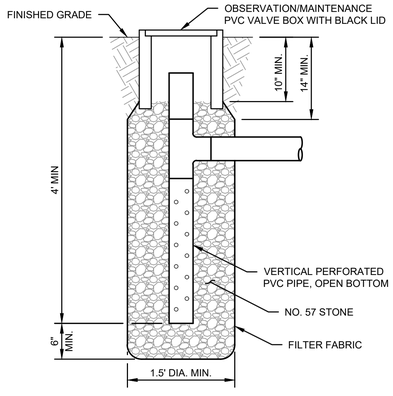
SIDE VIEW



FRONT VIEW







DRYWELL DRAIN

1
72

DRINKING FOUNTAIN / DRYWELL DRAIN

No.	REVISION	BY	DATE
4			
3			
2			
1			

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STATE OF CALIFORNIA

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PW. FILE NO. 13245
PROJ. ID FWC00886
FUND NO. 72220
ORG. NO. 189901

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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
CIVIL DETAILS
DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED

SHEET NO. 72
OF 133 SHEETS

15-E-14653

10/19/2026 1:59 PM G:\Projects\City of Fresno\15612202\River West Eaton Trail Extension\300 CAD\340 Sheet Sets\07_Civil Details\72 DETAILS.dwg - Annemarie Fox

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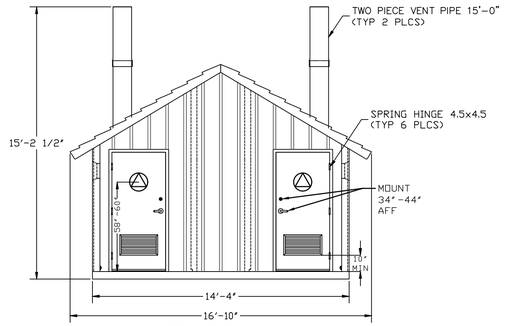
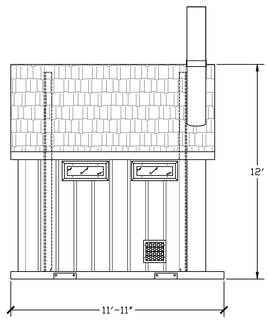
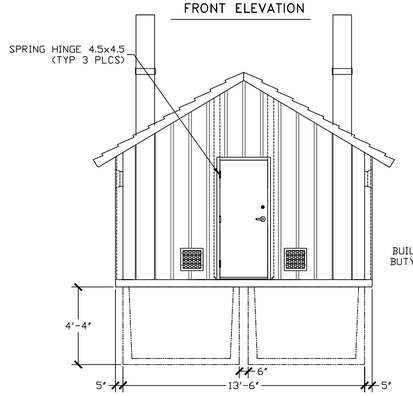


FRONT ELEVATION

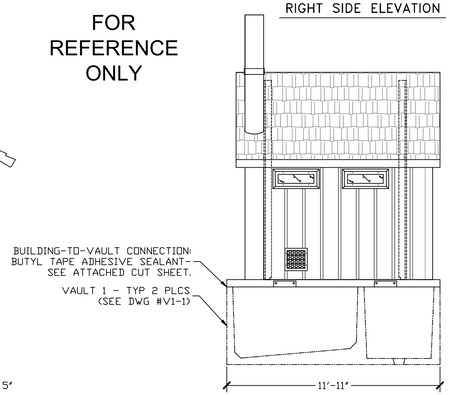


RIGHT SIDE ELEVATION

FOR REFERENCE ONLY



REAR ELEVATION

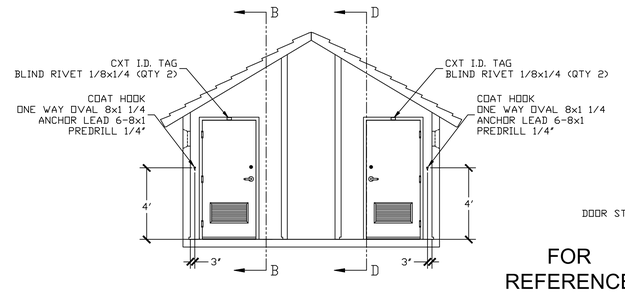


LEFT SIDE ELEVATION

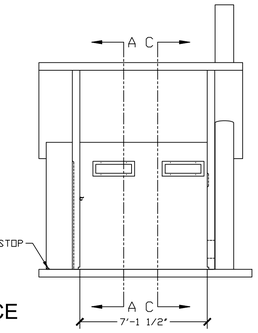
FEET 0 2 4

A 73

EXTERIOR BUILDING ELEVATIONS

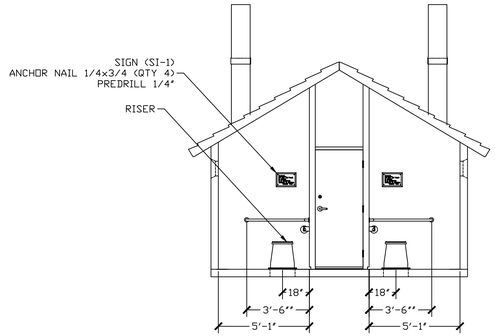


SECTION A - A

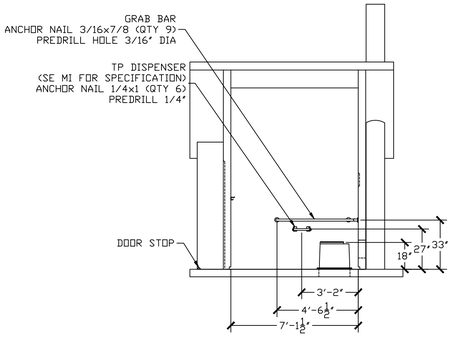


FOR REFERENCE ONLY

SECTION B - B



SECTION C - C

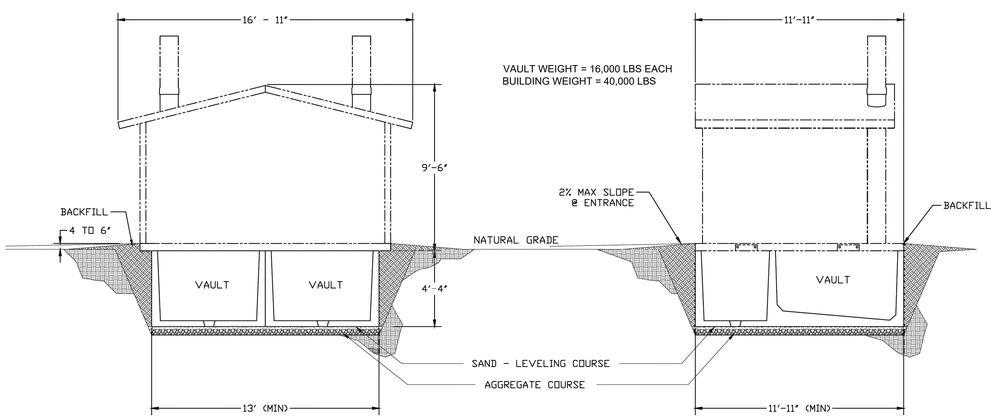


SECTION D - D

FEET 0 2 4

B 73

INTERIOR BUILDING ELEVATIONS



FRONT ELEVATION

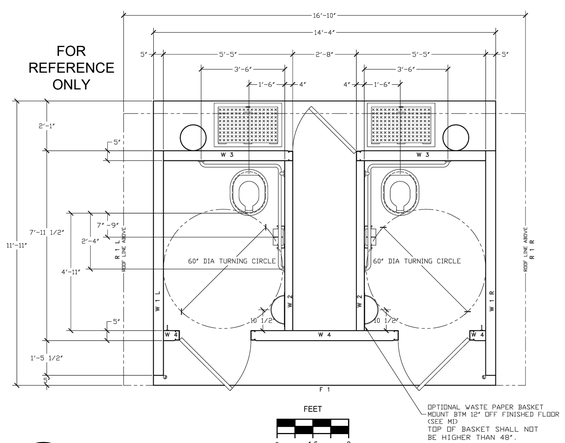
SIDE ELEVATION

N.T.S.

C 73

VAULT INSTALLATION

FOR REFERENCE ONLY



FEET 0 1.5 3

D 73

FLOOR PLAN

GENERAL NOTES

1. RESTROOM SHALL BE A DOUBLE VAULT STYLE ACCESSIBLE, UNISEX RESTROOMS WITH UTILITY CHASE, TWO POLYETHYLENE LINES CONCRETE VAULTS, SIMULATED BOARD AND BATT UPPER AND LAP SIDING LOWER TEXTURED WALLS, SIMULATED CEDAR SHAKE TEXTURED ROOF, ABLE TO BE OFFLOADED AND SET UP AT SITE.
2. REFERENCE PRODUCT: MODEL DOUBLE CASCADIAN BY CXT, OR APPROVED EQUAL, AND INCLUDE:

- CLEAN OUT HATCHES ON VAULTS
- TWO 1,000 GALLON CONCRETE WASTE VAULTS
- TWO STAINLESS STEEL ACCESSIBLE TOILER RISERS WITH SEATS
- ACCESSIBLE GRAB BARS
- ROOM WASTEBASKETS
- COAT HOOKS
- EXTERIOR WALLS SHALL BE LIBERTY TAN
- ROOF SHALL BE BUCKSKIN
- PRIVACY LATCH ADA HANDLE
- 2-ROLL STAINLESS STEEL TOILET PAPER HOLDERS
- UNISEX, ACCESSIBLE SIGNAGE
- VENTS ON REAR WALL AND DOOR

DOOR HARDWARE NOTES

1. THE FORCE FOR PUSHING OR PULLING OPEN EXTERIOR AND INTERIOR HINGED, SLIDING OR FOLDING DOORS SHALL NOT EXCEED 5 POUNDS. FORCES DO NOT APPLY TO LATCH BOLTS OR OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION. CBC 11B-404.2.9
2. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL COMPLY WITH CBC 11B-309.4. OPERABLE PARTS OF HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. CBC 11B-404.2.7
3. THE LEVER OF LEVER-ACTUATED LATCHES OR LOCKS SHALL BE CURVED WITH A RETURN TO WITHIN 1/2 INCH OF THE DOOR TO PREVENT CATCHING ON CLOHING OF PERSONS DURING EGRESS.
4. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
5. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. CBC 1010.2.2, 11B-309.4
6. SWINGING DOOR SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CBD 11B-404.2.10
7. DOOR SPRINGS HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM. CBC 11B-404.2.8.2

RESTROOM CONSTRUCTION NOTES

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER ANNEMARIE FOX No. 91171 CIVIL STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

C504

DEPARTMENT OF PUBLIC WORKS
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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 66620
ORG NO. 1597001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

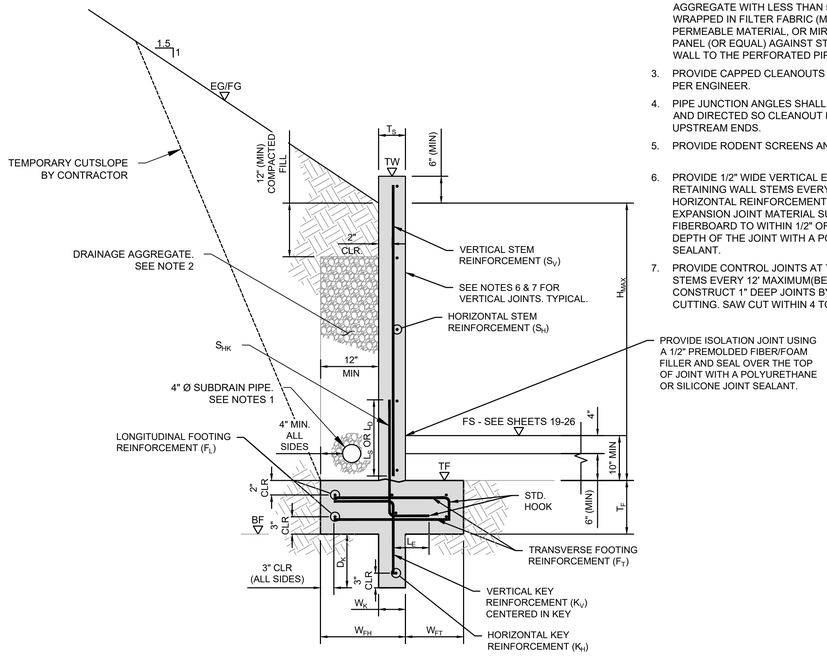
RIVER WEST EATON TRAIL EXT. PH 1
VAULT RESTROOM
DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CH. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 73
OF 133 SHEETS
15-E-14654

10/19/2026 1:59 PM G:\Fresno_City of-1561\1561220\5-River West Eaton Trail Extension\300 CAD\340 Sheet Sets\V3_Restroom Plans\V3 DETAILS.dwg - Annemarie Fox

NOTES

1. SUBDRAIN PIPE SHALL BE SDR 35 (OR STRONGER) PERFORATED PVC PIPE WITH HOLES FACING DOWN, OR USE AN APPROVED PREFABRICATED COLLECTOR PIPE SYSTEM. SLOPE PIPE SYSTEM AT LEAST 2% TO DRAIN.
2. DRAINAGE AGGREGATE SHALL BE 3/8-IN TO 3/4-IN CONSTRUCTION AGGREGATE WITH LESS THAN 5 PERCENT FINES BY DRY WEIGHT WRAPPED IN FILTER FABRIC (MIRAFI 140N OR EQUAL), CALTRANS CLASS 2 PERMEABLE MATERIAL, OR MIRADRAIN 6000 GEOCOMPOSITE DRAINAGE PANEL (OR EQUAL) AGAINST STEM FROM 12" (MAX) BENEATH FG BEHIND WALL TO THE PERFORATED PIPE OR COLLECTOR PIPE SYSTEM.
3. PROVIDE CAPPED CLEANOUTS AT EACH UPSTREAM END OF PIPE AND AS PER ENGINEER.
4. PIPE JUNCTION ANGLES SHALL BE LESS THAN OR EQUAL TO 45 DEGREES AND DIRECTED SO CLEANOUT EQUIPMENT CAN ACCESS ALL PIPES FROM UPSTREAM ENDS.
5. PROVIDE RODENT SCREENS AND EROSION PROTECTION AT DISCHARGES.
6. PROVIDE 1/2" WIDE VERTICAL EXPANSION/ISOLATION JOINTS IN RETAINING WALL STEMS EVERY 60' MAXIMUM. INTERRUPT THE HORIZONTAL REINFORCEMENT. FILL THE JOINT WITH PREFORMED EXPANSION JOINT MATERIAL SUCH AS ASPHALT-SATURATED FIBERBOARD TO WITHIN 1/2" OF THE FINISH FACE. FILL THE OUTER 1/2" DEPTH OF THE JOINT WITH A POLYURETHANE OR SILICONE JOINT SEALANT.
7. PROVIDE CONTROL JOINTS AT THE FINISH FACE OF RETAINING WALL STEMS EVERY 12' MAXIMUM(BETWEEN EXPANSION/ISOLATION JOINTS). CONSTRUCT 1" DEEP JOINTS BY CHAMFERING 3/4" DEEP JOINTS BY SAW CUTTING. SAW CUT WITHIN 4 TO 12 HOURS OF PLACING CONCRETE.

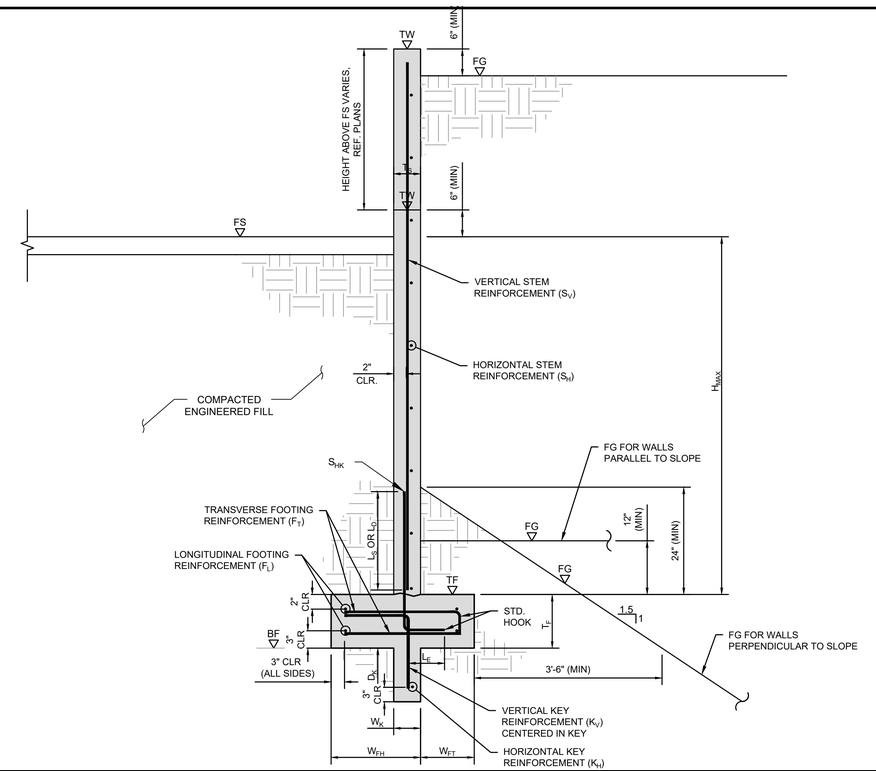


WALL SCHEDULE																
WALL CONDITION	H_{MAX} (FT-IN)	T_S (IN)	W_{FH} (FT-IN)	W_{FT} (FT-IN)	T_F (IN)	W_K (IN)	D_K (IN)	K_V (DESCRIPTION)	K_H (DESCRIPTION)	F_T (DESCRIPTION)	F_L (DESCRIPTION)	S_{HK} (DESCRIPTION)	L_E (IN)	*L_D (IN)	**L_S (IN)	S_V (DESCRIPTION)	S_H (DESCRIPTION)
A	5'-1"	6	1'-7"	1'-1"	12	6	12	#4 BARS @ 14" O.C.	ONE #4 BAR	#4 BARS @ 7" O.C.	(3) #4	#4 BARS @ 7" O.C.	8	14	18	#4 BARS @ 14" O.C.	#4 BARS @ 16" O.C.
B	2-7"	6	1'-0"	6"	12	-	-	-	-	#4 BARS @ 9" O.C.	(3) #4	#4 BARS @ 9" O.C.	8	14	18	#4 BARS @ 18" O.C.	#4 BARS @ 16" O.C.

*L_D = MINIMUM DEVELOPMENT LENGTH INTO CONCRETE STEM BETWEEN S_V
**L_S = MINIMUM SPLICE LENGTH TO S_V

1 WALLS ON UPSLOPE SIDES OF RAMPS

SECTION — SCALE: N.T.S.

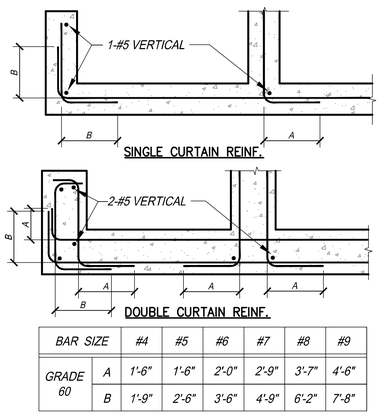


WALL SCHEDULE																
WALL CONDITION	H_{MAX} (FT-IN)	T_S (IN)	W_{FH} (FT-IN)	W_{FT} (FT-IN)	T_F (IN)	W_K (IN)	D_K (IN)	K_V (DESCRIPTION)	K_H (DESCRIPTION)	F_T (DESCRIPTION)	F_L (DESCRIPTION)	S_{HK} (DESCRIPTION)	L_E (IN)	*L_D (IN)	**L_S (IN)	S_V (DESCRIPTION)	S_H (DESCRIPTION)
C	6'-8"	6	1'-8"	1'-1"	12	6	12	#4 BARS @ 14" O.C.	ONE #4 BAR	#4 BARS @ 7" O.C.	(3) #4	#4 BARS @ 7" O.C.	8	14	18	#4 BARS @ 14" O.C.	#4 BARS @ 16" O.C.
D	4'-6"	6	1'-4"	0'-8"	12	-	-	-	-	#4 BARS @ 18" O.C.	(3) #4	#4 BARS @ 9" O.C.	8	14	18	#4 BARS @ 18" O.C.	#4 BARS @ 16" O.C.

*L_D = MINIMUM DEVELOPMENT LENGTH INTO CONCRETE STEM BETWEEN S_V
**L_S = MINIMUM SPLICE LENGTH TO S_V

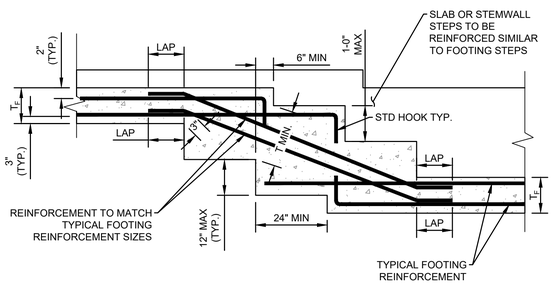
2 WALLS PARALLEL TO SLOPE AT SWITCHBACKS AND ON DOWNSLOPE SIDES OF RAMPS

SECTION — SCALE: N.T.S.



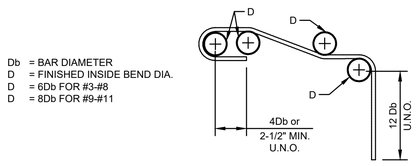
BAR SIZE		#4	#5	#6	#7	#8	#9
GRADE 60	A	1'-6"	1'-6"	2'-0"	2'-9"	3'-7"	4'-6"
	B	1'-9"	2'-6"	3'-6"	4'-9"	6'-2"	7'-8"

TYP. WALL & FOOTING REINFORCING



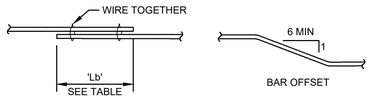
3 TYPICAL STEPPED FOOTING

SECTION — SCALE: N.T.S.



Db = BAR DIAMETER
D = FINISHED INSIDE BEND DIA.
D = 6Db FOR #3-#8
D = 8Db FOR #9-#11

STANDARD BAR HOOKS & BENDS



MINIMUM CLASS "B" LAP SPLICE LENGTH ('Lb')		
f'c = 4000 PSI		
BAR SIZE	TOP BARS	OTHER BARS
#3	24"	18"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"

NOTES

1. "TOP BARS" ARE HORIZONTAL BARS W/ MORE THAN 12" DEPTH OF CONCRETE BELOW THEM. IF CLEAR CONCRETE COVER IS NOT GREATER THAN THE DIAMETER OF THE BAR OR THE CENTER TO CENTER SPACING IS NOT GREATER THAN THE DIAMETER OF THE BAR OR THE CENTER TO CENTER SPACING IS NOT GREATER THAN 2 BAR DIAMETERS, THEN THE VALUES SHALL BE INCREASE BY 50%
2. LAP SPLICE FOR GRADE 60, UNCOATED BARS, IN NORMAL WEIGHT CONCRETE.

4 REINFORCEMENT BENDS & SPLICES

SECTION — SCALE: N.T.S

5 TYPICAL FOOTING & WALL REINFORCING

SECTION — SCALE: N.T.S

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

REGISTERED PROFESSIONAL ENGINEER — MATTHEW WIOR — No. S7155 — STRUCTURAL — STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

C505

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID ___ FWD0986
FUND NO. 22225
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
RAMP DETAILS
RAMP DETAILS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: JMN
CK. BY: AF
DATE: 10/19/2026
SCALE: AS NOTED
SHEET NO. 74
OF 133 SHEETS

15-E-14655

10/19/2026 2:05 PM G:\Projects\City of Fresno\15915\15915202\5-Final Work Eaton Trail Extension\300 CAD\345 Sheet Sets\15_Footing-Supported Retaining Walls\14 RAMP DETAILS.dwg -Annemarie Fox

CITY OF FRESNO PUBLIC WORKS DEPARTMENT
GENERAL NOTES FOR LANDSCAPE PLANS

1. LANDSCAPE PLANS PROVIDE INFORMATION ON MATERIALS, FINISHES, FURNISHINGS, PLANTINGS, IRRIGATION AND SOIL PREPERATION. PARTICULARLY FOCUSED AY WAYPOINTS.
2. SEE CIVIL DRAWINGS FOR TREE PROTECTION, PAVING DETAILS AND ALL PROPOSED TREES, SIGNAGE, AND BENCHES LOCATED OUTSIDE OF LANDSCAPE WAYPOINT ENGLARGEMENTS.
3. SEE CIVIL ENGINEERS DRAWINGS FOR GRADING AND DRAINAGE INFORMATION NOT SHOWN IN THESE DRAWINGS.
4. UPON EXECUTION OF THE CONTRACT, PROVIDE THE LANDSCAPE ARCHITECT AND OWNER WITH A CRITICAL PATH SCHEDULE TO INCLUDE EACH ITEM, LEAD TIME, ORDER AND INSTALLATION DATE FOR SUBSTANTIAL COMPLETION.
5. PROVIDE FOR POSITIVE DRAINAGE. NOTIFY LANDSCAPE ARCHITECT IF SITE CONDITIONS ARE OTHERWISE. MAINTAIN FLOWLINES AND DRAINAGE PATTERNS AS INDICATED ON ENGINEER'S GRADING DRAWINGS.
6. VERIFY AND STAKE LOCATION OF UTILITIES PRIOR TO CONSTRUCTION AND AS REQUIRED BY GOVERNING AGENCIES TO BE HELD LIABLE FOR DAMAGES TO EXISTING UTILITIES INCURRED BY INSTALLATION OF THE WORK.
7. REPAIR AND REPLACE ANY EXISTING IMPROVEMENTS THAT ARE DAMAGED DURING CONSTRUCTION.
8. CHECK DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT AND THE OWNER.
9. VERIFY PROPERTY LINES PRIOR TO COMMENCING WORK. NO CONSTRUCTION ITEM, INCLUDING FOOTINGS, SHALL EXTEND BEYOND PROPERTY LINE.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUB- CONTRACTORS AS REQUIRED TO ACCOMPLISH THE WORK. PIPING, CONDUIT AND SLEEVES SHALL BE SET IN PRIOR TO THE INSTALLATION OF CONSTRUCTION ITEMS.
11. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISH STRUCTURE, CONSTRUCTION MEANS AND METHODS, SAFETY PROCEDURES, BRACING, TEMPORARY SUPPORTS, AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DO NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
12. GIVE LANDSCAPE ARCHITECT A MINIMUM OF 48 HOURS NOTICE FOR REQUIRED OR REQUESTED JOB SITE VISIT.
13. FORMS AND ALIGNMENT OF PAVING SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO POURING.
14. FOR SUBMITTALS, SAMPLES AND SHOP DRAWINGS REQUESTED, SUBMIT IN TRIPLICATE TO LANDSCAPE ARCHITECT WITH ONE COPY TO THE OWNER UNLESS OTHERWISE SPECIFIED.
15. PROPOSED SURFACES SHALL MEET EXISTING SURFACES WITH SMOOTH AND CONTINUOUS TRANSITION AND FLUSH ALONG ENTIRE EDGE.
16. DIMENSIONS ARE FROM OUTSIDE FACE OF THE BUILDING, PAVING AND WALLS UNLESS OTHERWISE NOTED. ANGLES ARE 90 OR 45 UNLESS OTHERWISE NOTED.
17. COORDINATE AND COOPERATE WITH CONTRACTORS OF ATTACHED, ADJOINING AND INTERFACING WORK OF OTHER TRADES.
18. MATERIALS AND WORKMANSHIP, CONFORM TO THE LATEST UNIFORM BUILDING CODES AND APPLICABLE GOVERNING AGENCY CODES AND ORDINANCES. NO PART OF CONTRACT DOCUMENTS TO BE IN VIOLATION OF CODES. IF DISCREPANCIES EXIST, NOTIFY LANDSCAPE ARCHITECT AND OWNER.
19. THE BACKFLOW PREVENTION DEVICE SIZE SHALL MATCH THE SERVICE AND METER, THE TYPE SHALL BE AS INDICATED ON THE IRRIGATION DRAWINGS.

CONSTRUCTION NOTES:

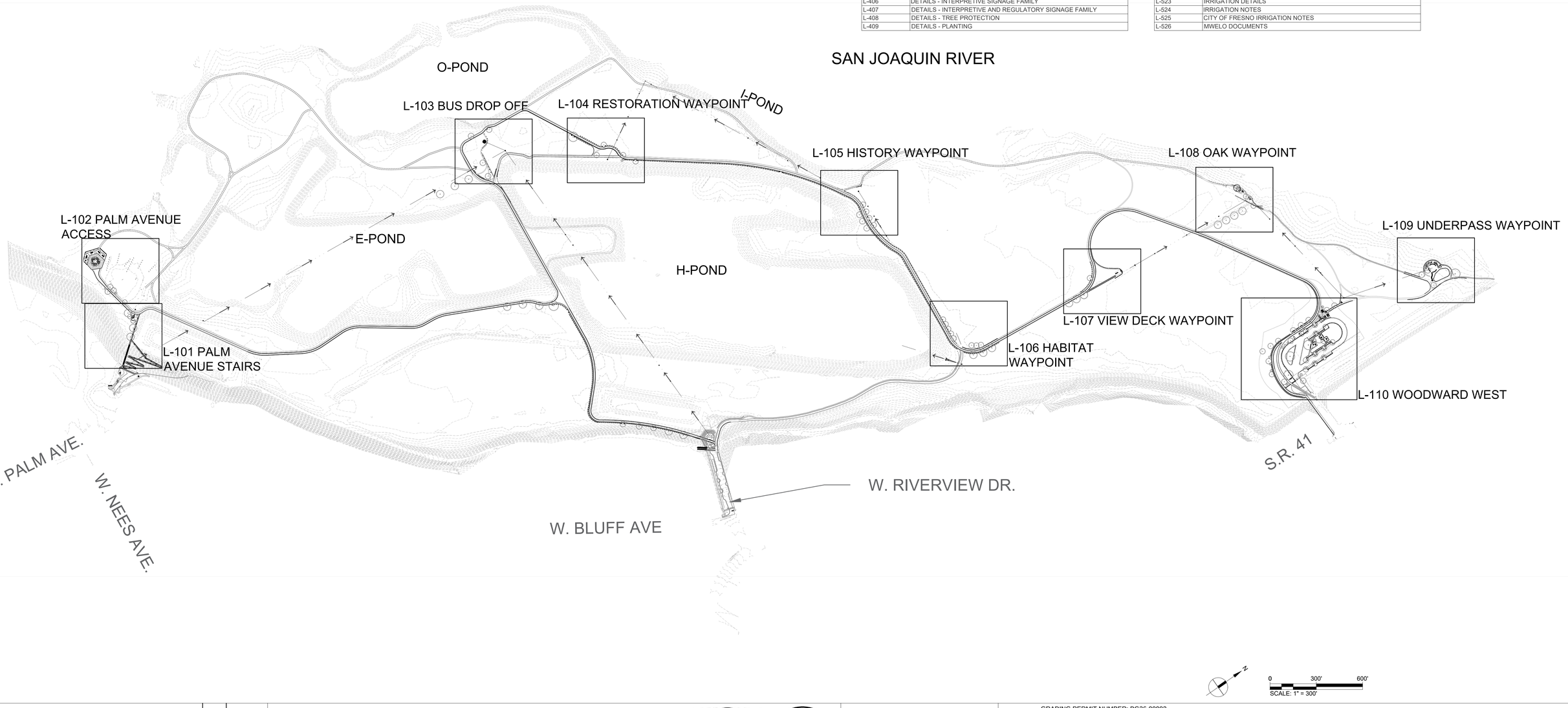
1. CONCRETE, MINIMUM COMPRESSIVE STRENGTH OF 2500 P.S.I. AT TWENTY-EIGHT (28) DAYS.
2. CEMENT: CONFORM TO A.S.T.M. C150 AND AGGREGATE SHALL CONFORM TO C33.
3. CONCRETE SLUMP: MAXIMUM SLUMP 4 INCHES, EXCEPT FOR FOUNDATIONS WHICH MAY HAVE A 5 INCH MAXIMUM SLUMP.
4. CONSTRUCTION TO BE PLUMB AND TRUE UNLESS OTHERWISE NOTED OR INDICATED.
5. REBAR AND FOOTING SIZES, IF SHOWN, ARE FOR BIDDING PURPOSES ONLY. VERIFY WITH OWNER'S STRUCTURAL OR SOILS ENGINEER THE NEED FOR ALL REINFORCING, BASE MATERIAL, PRE-SATURATION AND OTHER STRUCTURAL REQUIREMENTS.
6. PAVING AND CONCRETE CONTRACTORS ARE TO COORDINATE AND COOPERATE WITH THE ELECTRICAL, DRAINAGE AND IRRIGATION SYSTEMS INSTALLATION FOR REQUIRED SLEEVES, PIPES, AND CONDUITS UNDER PAVING.
7. PRIOR TO LAYOUT OF UNDERGROUND IMPROVEMENTS, REFER TO PLANTING PLANS FOR TREE LOCATIONS. STAKE TREES AND OUTLINE SPECIFIED BOX SIZE. ROUT UNDERGROUND DRAINAGE, ELECTRICAL, POOL AND IRRIGATION PIPING OUTSIDE EXCAVATION REQUIRED FOR TREES.
8. ALLOW AT LEAST 6-8 WEEKS TIME FOR PLACEMENT OF ORDER UNTIL DELIVERY ON ANY MANUFACTURED ITEM UNLESS OTHERWISE NOTED.
9. REFER TO FINISH GRADING/DRAINAGE PLANS FOR VERTICAL DIFFERENCES, GRADES AND DRAINAGE SYSTEMS.
10. WRITTEN DIMENSIONS AND DETAILS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
11. VERIFY AND BE RESPONSIBLE FOR DIMENSIONS AND CONDITIONS AT THE JOB SITE. REPORT DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE OWNER AND THE LANDSCAPE ARCHITECT.
12. CONFORM TO THE LATEST UNIFORM BUILDING CODE AND APPLICABLE GOVERNING AGENCY CODES AND ORDINANCES. NO PART OF THE CONTRACT DOCUMENTS ARE INTENDED TO BE IN VIOLATION OF CODES. IF DISCREPANCIES EXIST, NOTIFY LANDSCAPE ARCHITECT AND OWNER.
13. COORDINATE AND COOPERATE WITH CONTRACTORS OF ATTACHED, ADJOINING AND INTERFACING WORK OF OTHER TRADES.

LANDSCAPE DRAWING INDEX

SHEET NUMBER	SHEET NAME
LANDSCAPE	
L-100	KEY PLAN
L-101	MATERIAL PLAN - PALM AVENUE STAIRS
L-102	MATERIAL PLAN - PALM AVENUE ACCESS
L-103	MATERIAL PLAN - BUS DROP OFF
L-104	MATERIAL PLAN - RESTORATION WAYPOINT
L-105	MATERIAL PLAN - HISTORY WAYPOINT
L-106	MATERIAL PLAN - HABITAT WAYPOINT
L-107	MATERIAL PLAN - VIEW DECK WAYPOINT
L-108	MATERIAL PLAN - OAK WAYPOINT
L-109	MATERIAL PLAN - UNDERPASS WAYPOINT
L-110	MATERIAL PLAN - WOODWARD WEST
L-200	SITE PLANTING PLAN
L-201	PLANTING PLAN - PALM AVENUE STAIRS
L-202	PLANTING PLAN - PALM AVENUE PARKING
L-203	PLANTING PLAN - BUS DROP OFF
L-204	PLANTING PLAN - RESTORATION WAYPOINT
L-205	PLANTING PLAN - HISTORY WAYPOINT
L-206	PLANTING PLAN - HABITAT WAYPOINT
L-207	PLANTING PLAN - VIEW DECK WAYPOINT
L-208	PLANTING PLAN - OAK WAYPOINT
L-209	PLANTING PLAN - UNDERPASS WAYPOINT
L-210	PLANTING PLAN - WOODWARD WEST
L-300	SIGNAGE PLAN
L-401	DETAILS - CUSTOM ELEMENTS
L-402	DETAILS - FURNISHING
L-403	DETAILS - CUSTOMIZED BENCHES
L-404	DETAILS - SHADE STRUCTURE
L-405	DETAILS - WAYFINDING SIGNAGE FAMILY
L-406	DETAILS - INTERPRETIVE SIGNAGE FAMILY
L-407	DETAILS - INTERPRETIVE AND REGULATORY SIGNAGE FAMILY
L-408	DETAILS - TREE PROTECTION
L-409	DETAILS - PLANTING

IRRIGATION	
L-500	IRRIGATION LEGEND
L-501	IRRIGATION PLAN - PALM AVE POC
L-502	IRRIGATION PLAN - PALM AVE POC
L-503	IRRIGATION PLAN - PALM AVE POC
L-504	IRRIGATION PLAN - RIVERVIEW POC
L-505	IRRIGATION PLAN - RIVERVIEW POC
L-506	IRRIGATION PLAN - RIVERVIEW POC
L-507	IRRIGATION PLAN - RIVERVIEW POC
L-508	IRRIGATION PLAN - RIVERVIEW POC
L-509	IRRIGATION PLAN - RIVERVIEW POC
L-510	IRRIGATION PLAN - RIVERVIEW POC
L-511	IRRIGATION PLAN - RIVERVIEW POC
L-512	IRRIGATION PLAN - RIVERVIEW POC
L-513	IRRIGATION PLAN - HABITAT WAYPOINT POC
L-514	IRRIGATION PLAN - HABITAT WAYPOINT POC
L-515	IRRIGATION PLAN - HABITAT WAYPOINT POC
L-516	IRRIGATION PLAN - VIEW DECK WAYPOINT POC
L-517	IRRIGATION PLAN - OAK WAYPOINT POC
L-518	IRRIGATION PLAN - UNDERPASS WAYPOINT POC
L-519	IRRIGATION PLAN - UNDERPASS WAYPOINT POC
L-520	IRRIGATION PLAN - WOODWARD POC
L-521	IRRIGATION PLAN - WOODWARD POC
L-522	IRRIGATION DETAILS
L-523	IRRIGATION DETAILS
L-524	IRRIGATION NOTES
L-525	CITY OF FRESNO IRRIGATION NOTES
L-526	MWELO DOCUMENTS

811 Know what's below. Call before you dig.



No.	REVISION	BY	DATE
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REGISTERED LANDSCAPE ARCHITECT JOHN K. GIBBS 4417 SIGNATURE DATE STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

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PW. FILE NO. 13245
PROJ. ID. PW00286
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

KEY PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

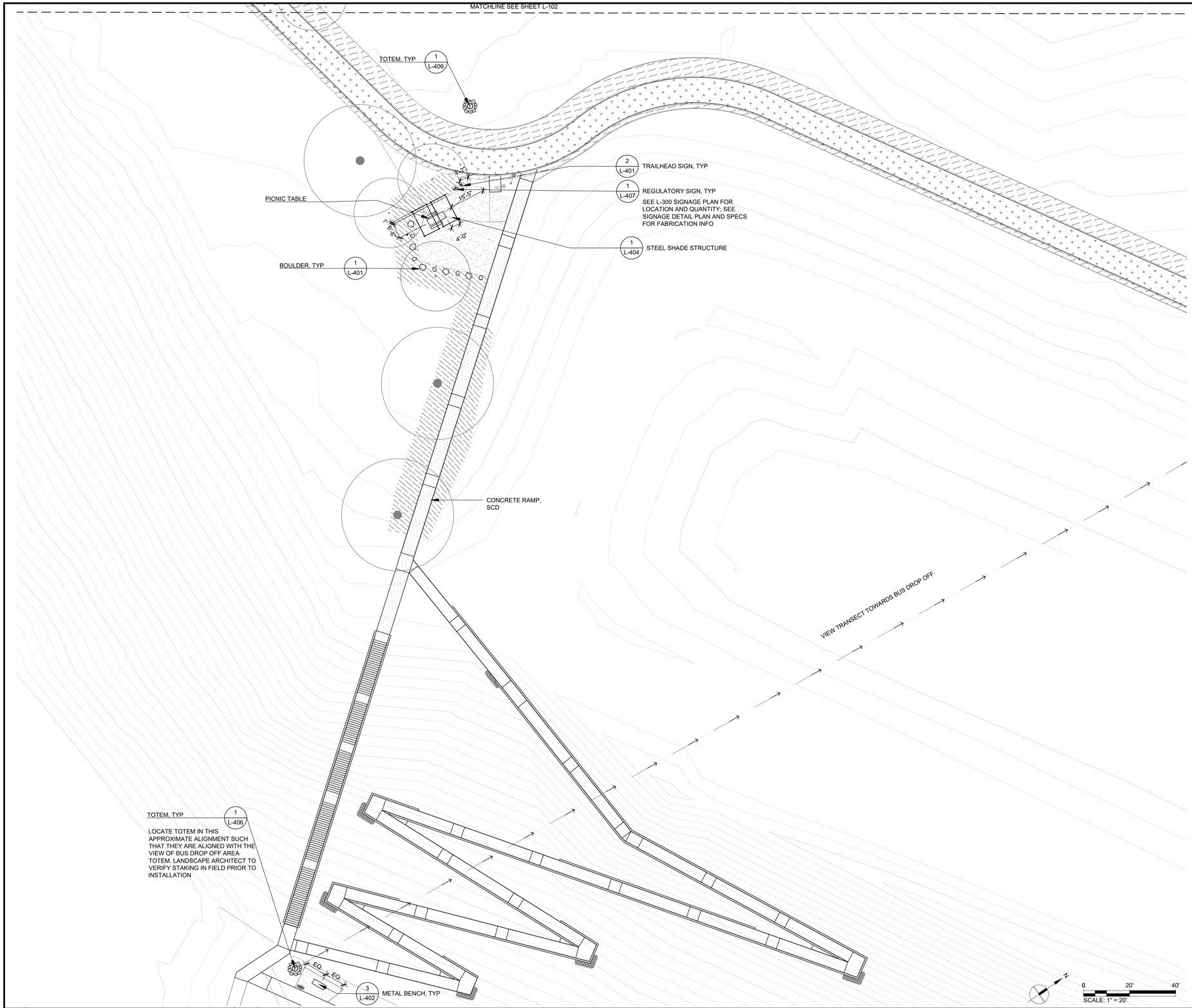
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 75
OF 133 SHEETS

15-E-14656

L-100

8/19/2026 11:13 AM P:\00000\PTP project trail\4-documents\3-construction documents - DOE core\Sheets\L-100 MATERIAL PLAN.dwg -- Olivia Yosuf Xu



Know what's **below.** **Call** before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUIOA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

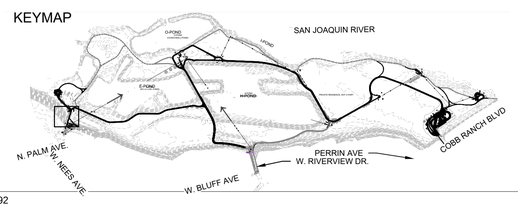
	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
	STEPPING STONES	27	4/L-401	1.5' x 3' CLOVIS STONE, FLAGSTONE
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

KEYMAP



No.	REVISION	BY	DATE
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JOHN R. GIBBS — REGISTERED LANDSCAPE ARCHITECT — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-101

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00286
FUND NO. 22004
ORG. NO. 1695001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN – PALM AVENUE STAIRS

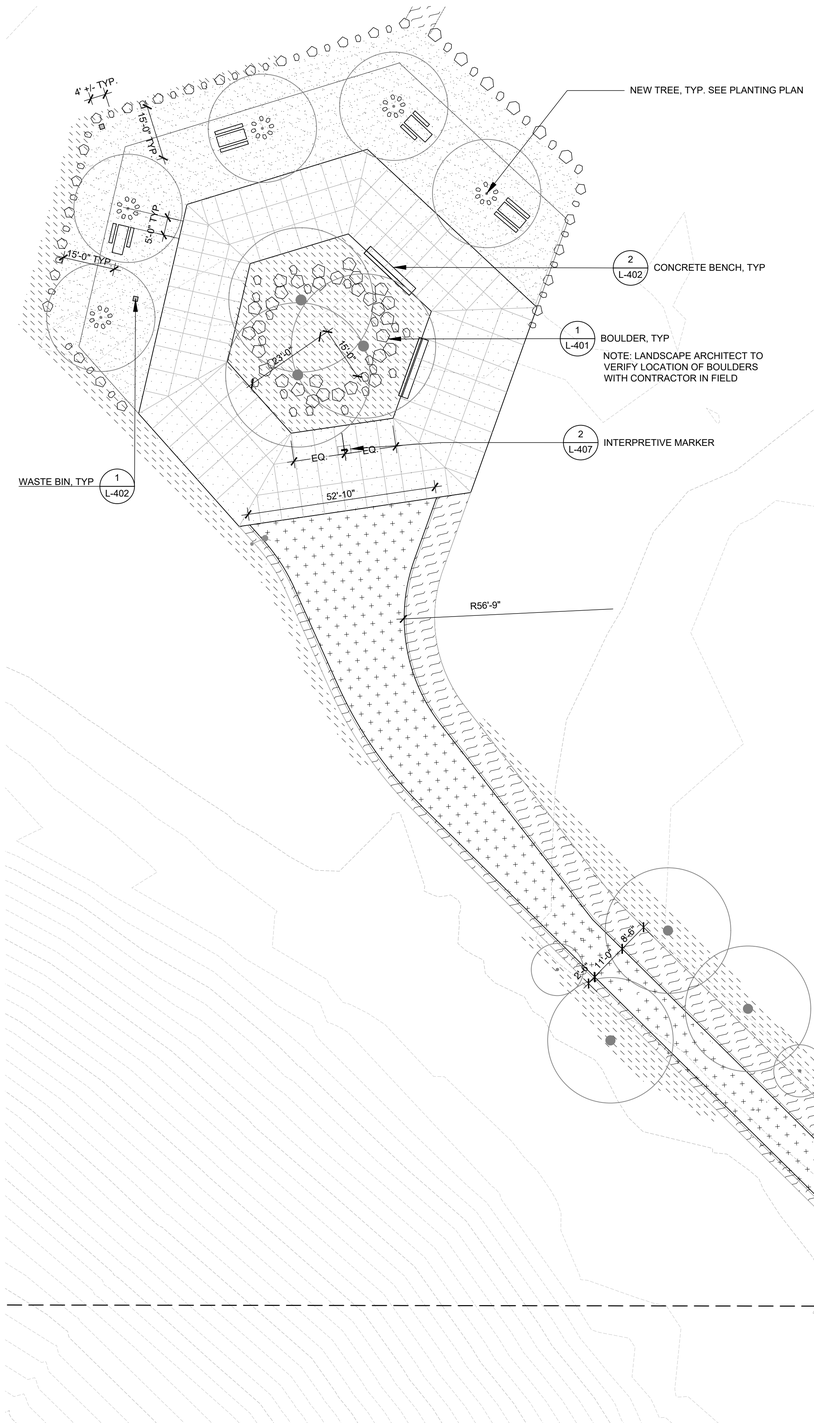
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 76
OF 133 SHEETS

15-E-14657

8/17/2026 12:14 PM R:\0000\EP\3 Eaton Trail\4-Documents\3-Construction Documents – DOE CORE\Sheets\L-100 MATERIAL PLAN.dwg – Olivia Yeuil Xu



811 Know what's below. Call before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUIOA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
	STEPPING STONES	27	4/L-401	1.5' x 3' CLOVIS STONE, FLAGSTONE
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

KEYMAP



No.	REVISION	BY	DATE
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REGISTERED LANDSCAPE ARCHITECT — JOHN R. GIESE — 4417 — STATE OF CALIFORNIA — DATE 08-18-26

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-102

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FRESNO, CALIFORNIA 93721
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PW. FILE NO. 13245
PROJ. ID. PWD0986
FUND NO. 22006
ORG. NO. 189501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - PALM AVENUE ACCESS

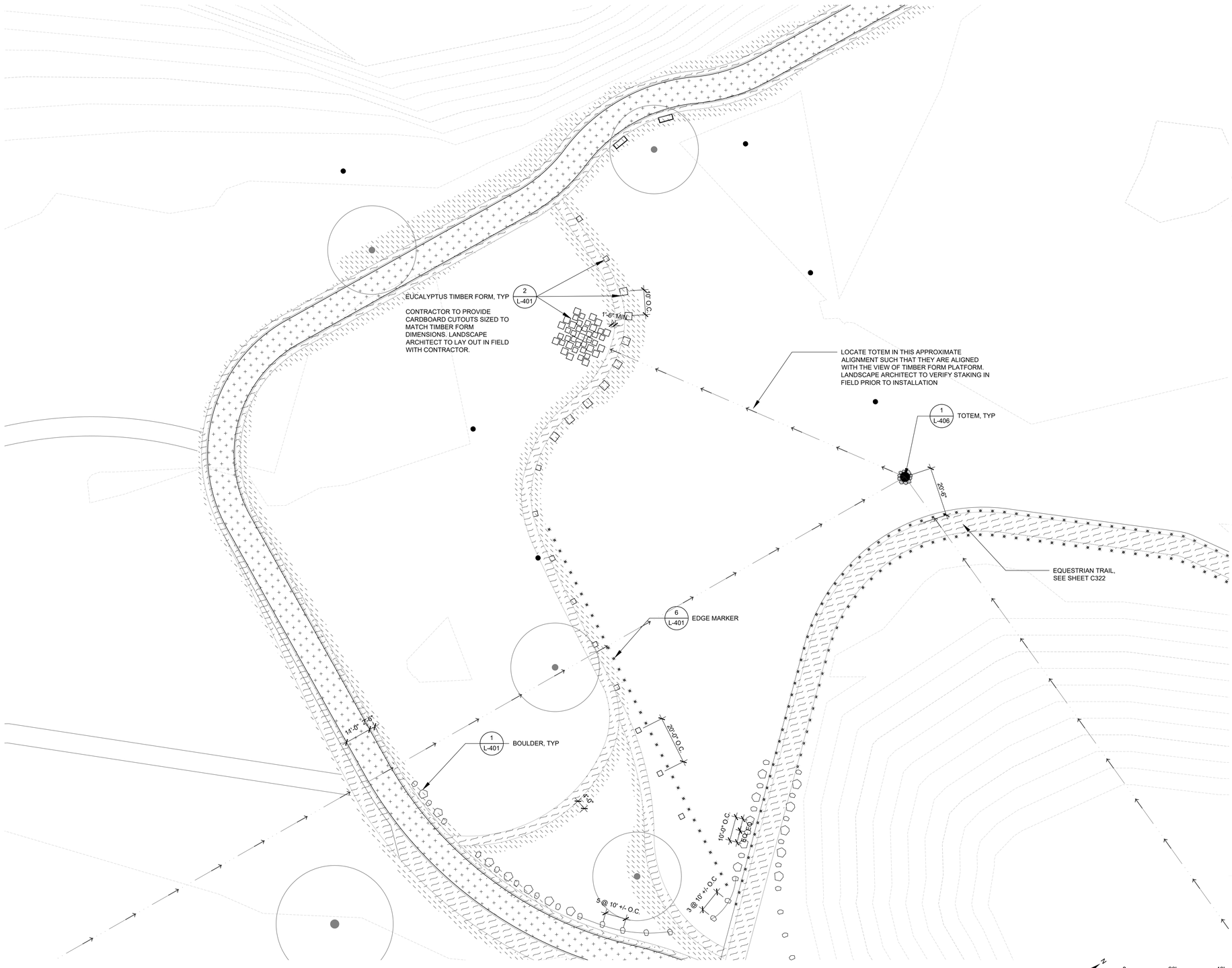
REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: OX/EX
CH. BY: PT/JD
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 77
OF 133 SHEETS

15-E-14658

8/17/2026 12:16 PM N:\2020\9719 Eaton Trail\4-Documents\3-Construction Documention - XXX CORE\Sheets\L-100 MATERIAL PLAN.dwg - Olivia Yaout Xu



811 Know what's below. Call before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUOIA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS • STONE, TUSCANY GOLD PATHWAY 1"

LANDSCAPE

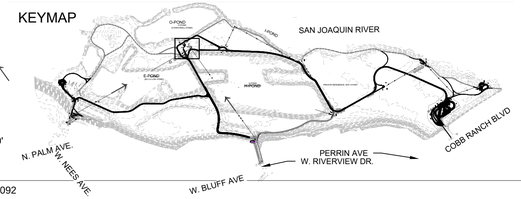
	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
	STEPPING STONES	27	4/L-401	1.5' x 3' CLOVIS STONE, FLAGSTONE
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

KEYMAP



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PROJ. ID. PWD0256
FUND NO. 70104
ORG. NO. (18990)
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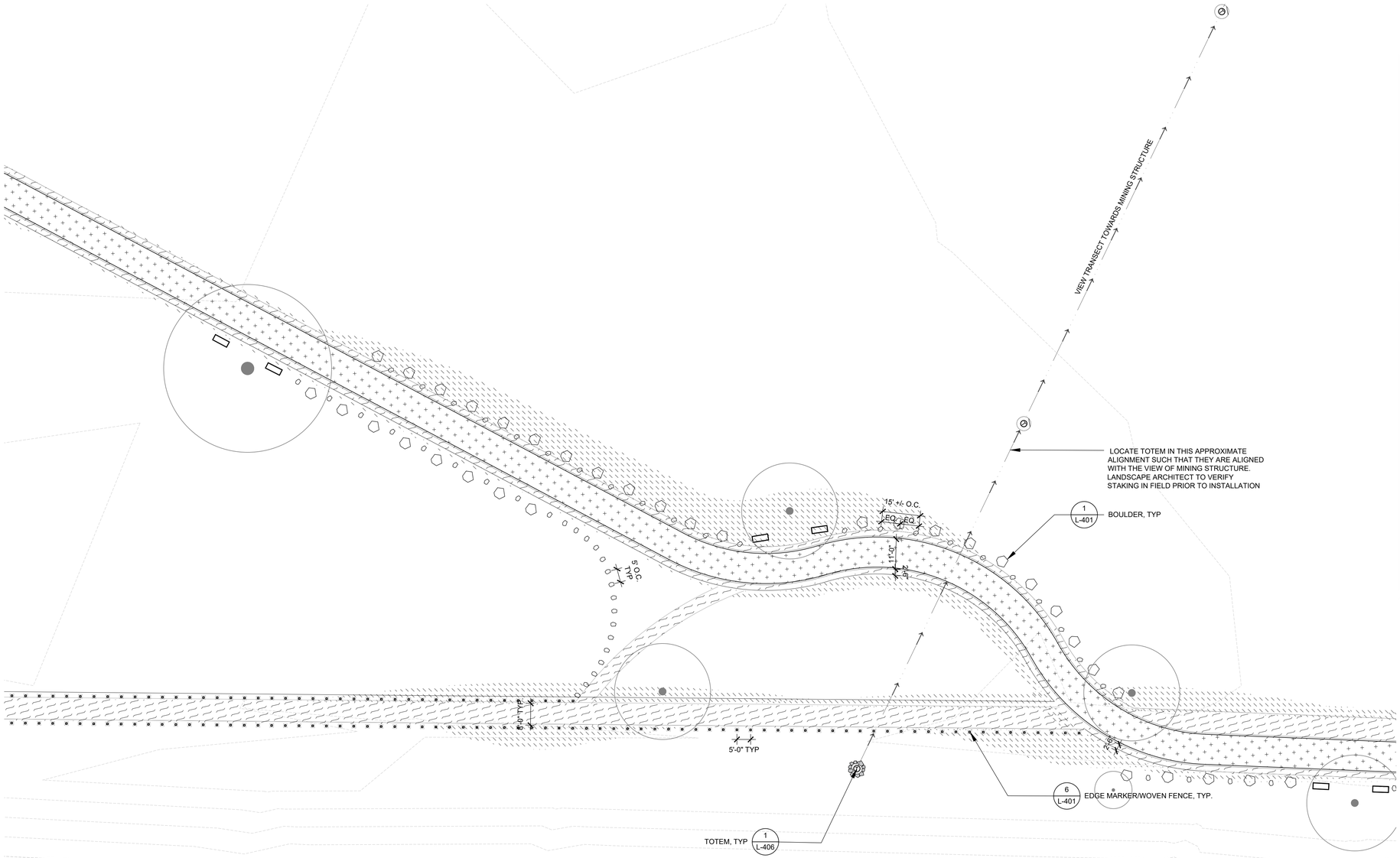
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN – BUS DROP OFF

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 78
OF 133 SHEETS
15-E-14659

L-103

8/17/2026 12:10 PM M:\2000\270 Eaton Trail\4-Documents\3-Construction Documention - DOE CORE\Sheets\L-100 MATERIAL PLAN.dwg - Olivia Youdi Xu



Know what's **below.** **Call** before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUOIA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
	STEPPING STONES	27	4/L-401	1.5' x 3' CLOVIS STONE, FLAGSTONE
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3" TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

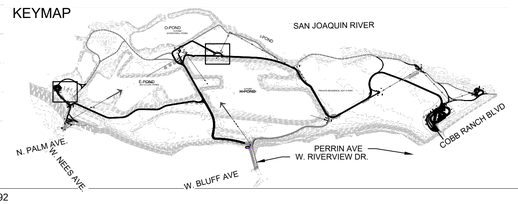
	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

N

0 20' 40'

SCALE: 1" = 20'

KEYMAP



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PROJ. ID. PWD0086
FUND NO. 24056
ORG. NO. 1899201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - RESTORATION WAYPOINT

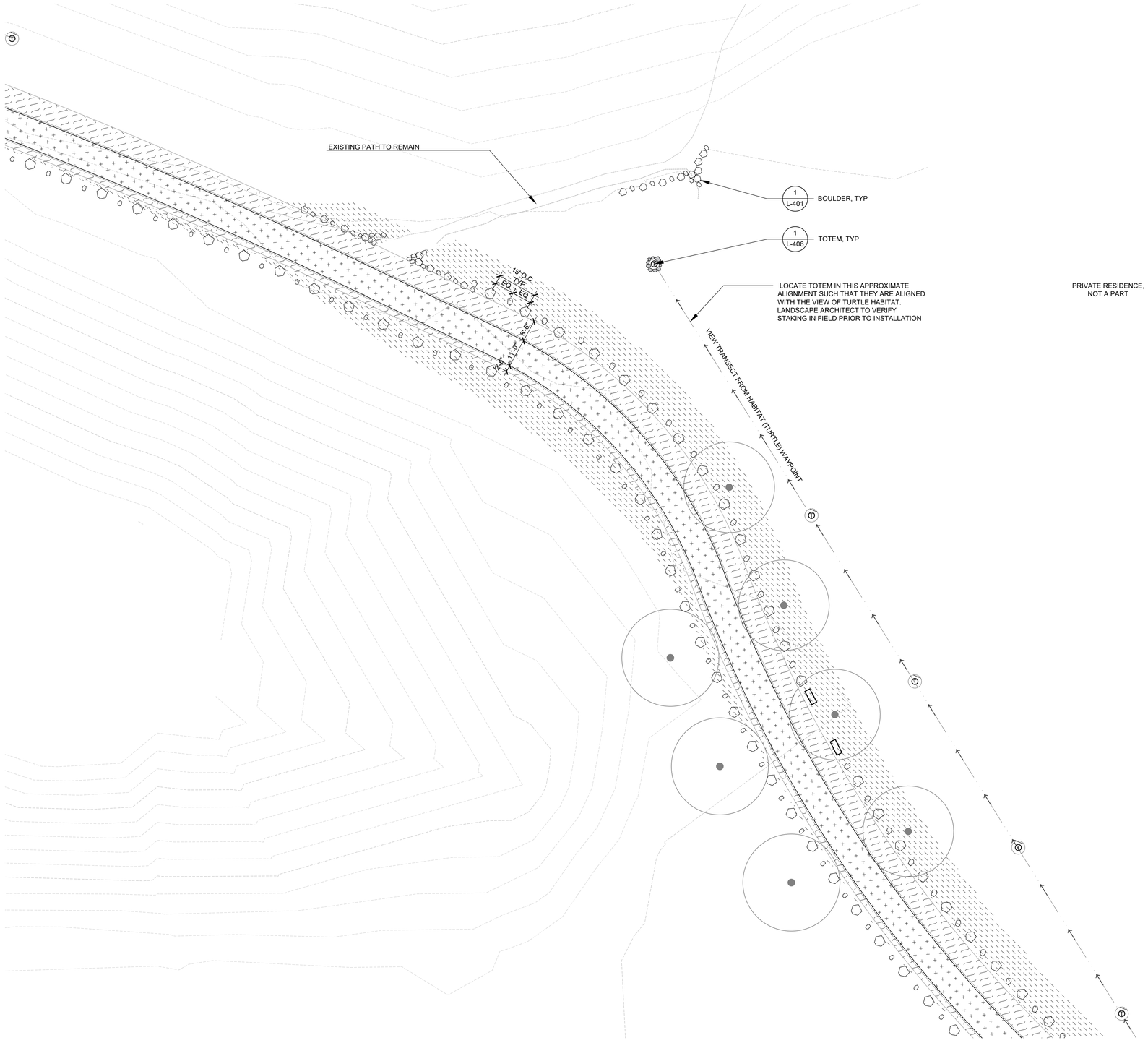
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: GX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 79
OF 133 SHEETS

15-E-14660

8/17/2026 12:11 PM N:\8500\8718 Eaton Trail\4-Documents\3-Construction Documents - SXS CORE\Sheets\L-100 MATERIAL PLAN.dwg -Steve Yacul Xu



811 Know what's below. Call before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUOIA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
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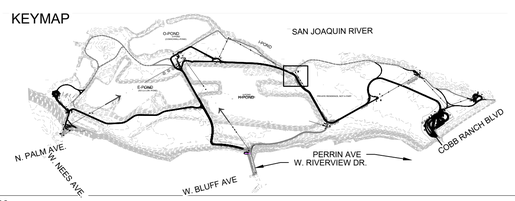
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

KEYMAP



GRADING PERMIT NUMBER: BG26-00092

L-105

No.	REVISION	BY	DATE
4			
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REGISTERED LANDSCAPE ARCHITECT — JOHN K. GIBB — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00286
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

MATERIAL PLAN - HISTORY WAYPOINT

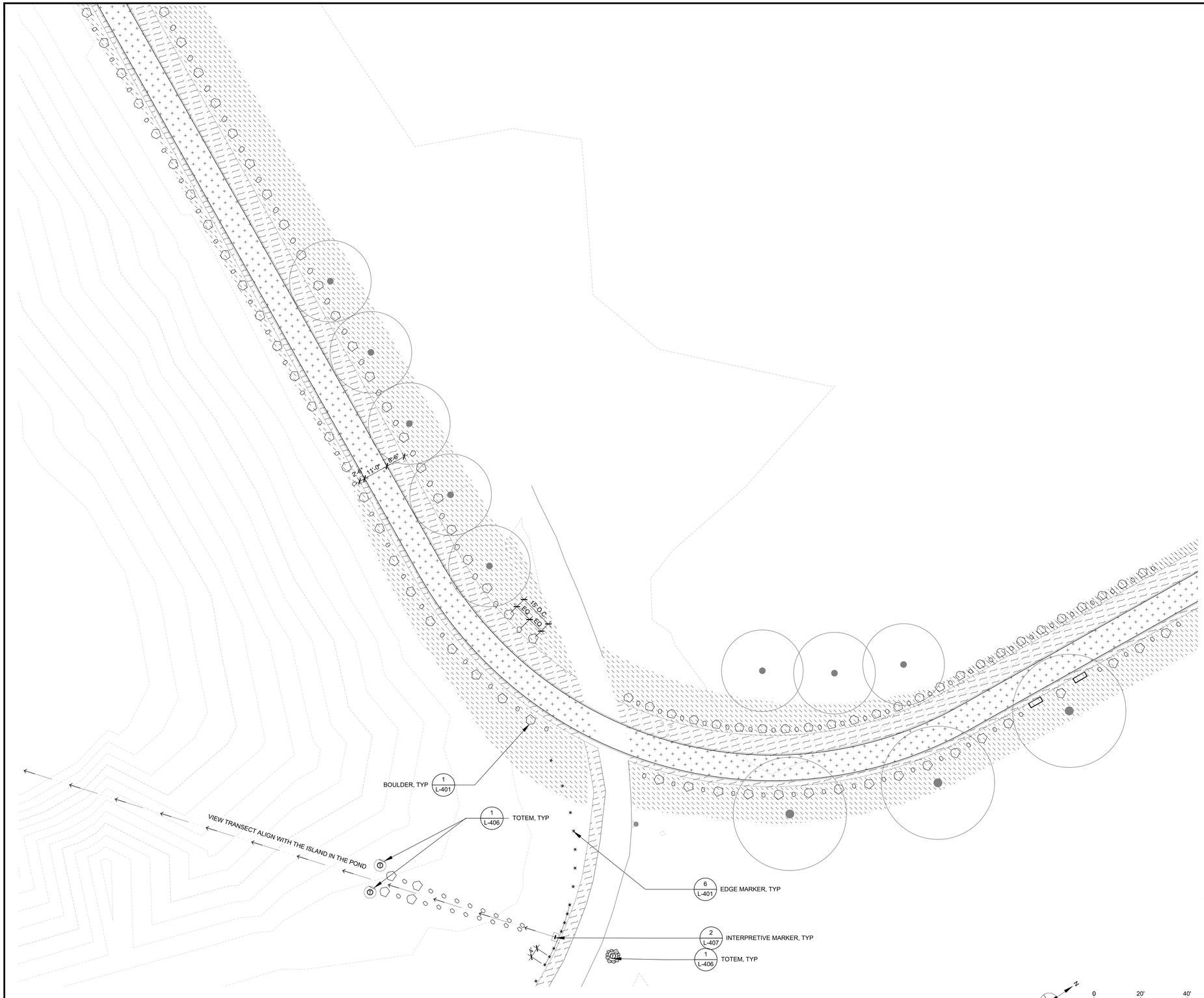
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 50
OF 133 SHEETS

15-E-14661

8/17/2026 12:11 PM N:\0000\EP\Eaton Trail\E-Documents\3-Construction Documentation - DOS_CODES\Sheets\L-100 MATERIAL PLAN.dwg -Chris Youst Xu



Know what's **below.**
Call before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
	CONCRETE 1	SCD	DAVIS CONCRETE, SEQUIOA SAND
	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

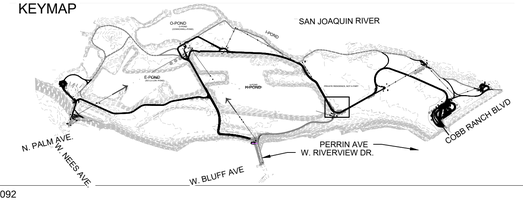
	TYPE	QTY	DETAIL	DESCRIPTION
TYPE 1 TYPE 2	BOULDER	TYPE 1: 2662 TYPE 2: 1441	1/L-401	BOULDER SIZE 1: ±3'L X ±2'W X ±2'H BOULDER SIZE 2: ±1.5'L X ±1'W X ±1'H
	STEPPING STONES	27	4/L-401	1.5' x 3' CLOVIS STONE, FLAGSTONE
	TIMBER WHEEL STOP	30	3/L-401	INCENSE CEDAR
	EUCALYPTUS TIMBER FORM	77	2/L-401	EUCALYPTUS SALVAGED TIMBER
	CONCRETE BENCH	3	2/L-402	LANDSCAPE FORM TRAPECIO BENCH
	METAL BENCH	47	3/L-402	MMCITE VERA BENCH
	SALVAGED LOG	7	2/L-403	EUCALYPTUS SALVAGED TIMBER
	PICNIC TABLES	10	3/L-403	OUTDOOR CREATIONS, CONCRETE PICNIC TABLE TIMBER SERIES, NON-ADA MODEL (TOP) & ADA MODEL (BOTTOM)
	WASTE BIN	6	1/L-402	BIGBELLY ELEMENT TRASH BIN
	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

	TYPE	DETAIL	DESCRIPTION
	EXISTING TREE	L-408	SEE CIVIL DRAWING, DEMO PLAN FOR TREE PROTECTION
	NEW TREE	4/L-409	SEE PLANTING AND IRRIGATION PLANS
	NEW PLANTING	L-409	INCLUDES SCREENING PLANTING, AND HYDROSEED PLANTING ON AREAS OF DECOMISSIONED TRAIL, SEE PLANTING PLANS

KEYMAP



N

0 20' 40'

SCALE: 1" = 20'

No.	REVISION	BY	DATE
4			
3			
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100% CONSTRUCTION DOCUMENT
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REGISTERED LANDSCAPE ARCHITECT
JOHN K. GIBBS
4417
SIGNATURE
DATE
STATE OF CALIFORNIA

WRT

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

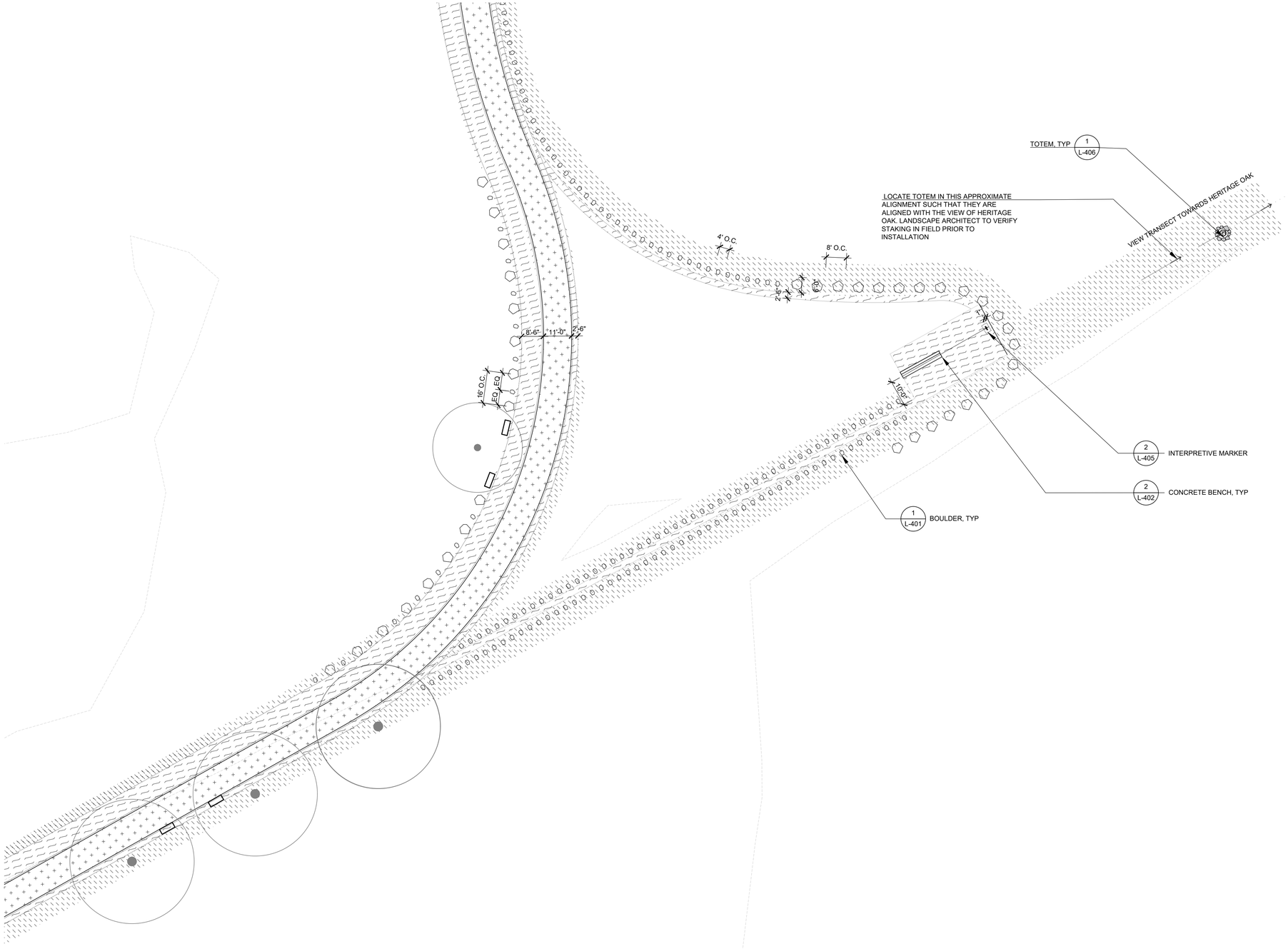
PW. FILE NO. 13245
PROJ. ID. PW00286
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS
RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - HABITAT WAYPOINT

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 01
OF 133 SHEETS
15-E-14662

L-106

8/17/2026 12:11 PM N:\0000\ERP Eaton Trail\4-Documents\3-Construction Documentation - PDS, CDs\Sheets\L-100 MATERIAL PLAN.dwg -Chris Youd Xu



Know what's **below.**
Call before you dig.

PAVING

	TYPE	DETAIL	DESCRIPTION (SEE SPECS)
	DECOMPOSED GRANITE	SCD	ORGANIC LOCK, CALIFORNIA GOLD
	COMPACTED NATIVE SOIL	SCD	NOTE: PROPOSED SECONDARY TRAILS TO MEET PRIMARY TRAILS. SEE SHEET 3. ANY WEEDS OR VEGETATION TO BE CLEARED AND GRUBBED INCLUDING ROOTS.
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	CONCRETE 2	SCD	DAVIS CONCRETE, MESA BLUFF
	ASPHALT	SCD	
	GRAVEL	SCD	AMERICAN SOILS + STONE, TUSCANY GOLD PATHWAY

LANDSCAPE

	TYPE	QTY	DETAIL	DESCRIPTION
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	EDGE MARKER	256	6/L-401	3' TALL WOOD POSTS, SPACING VARIES SEE PLAN, FUTURE WILLOW WEAVE

*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

PLANTING

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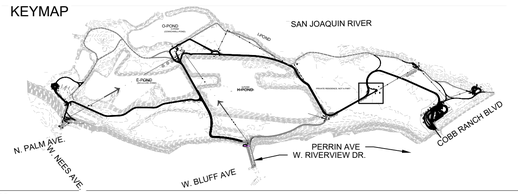
KEYMAP



N

0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
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REGISTERED LANDSCAPE ARCHITECT — JOHN R. GIESE — 4417 — RENEWAL 08/31/2026 — STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID PW00056
FUND NO. 22006
ORG. NO. 150201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

MATERIAL PLAN - VIEW DECK WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____

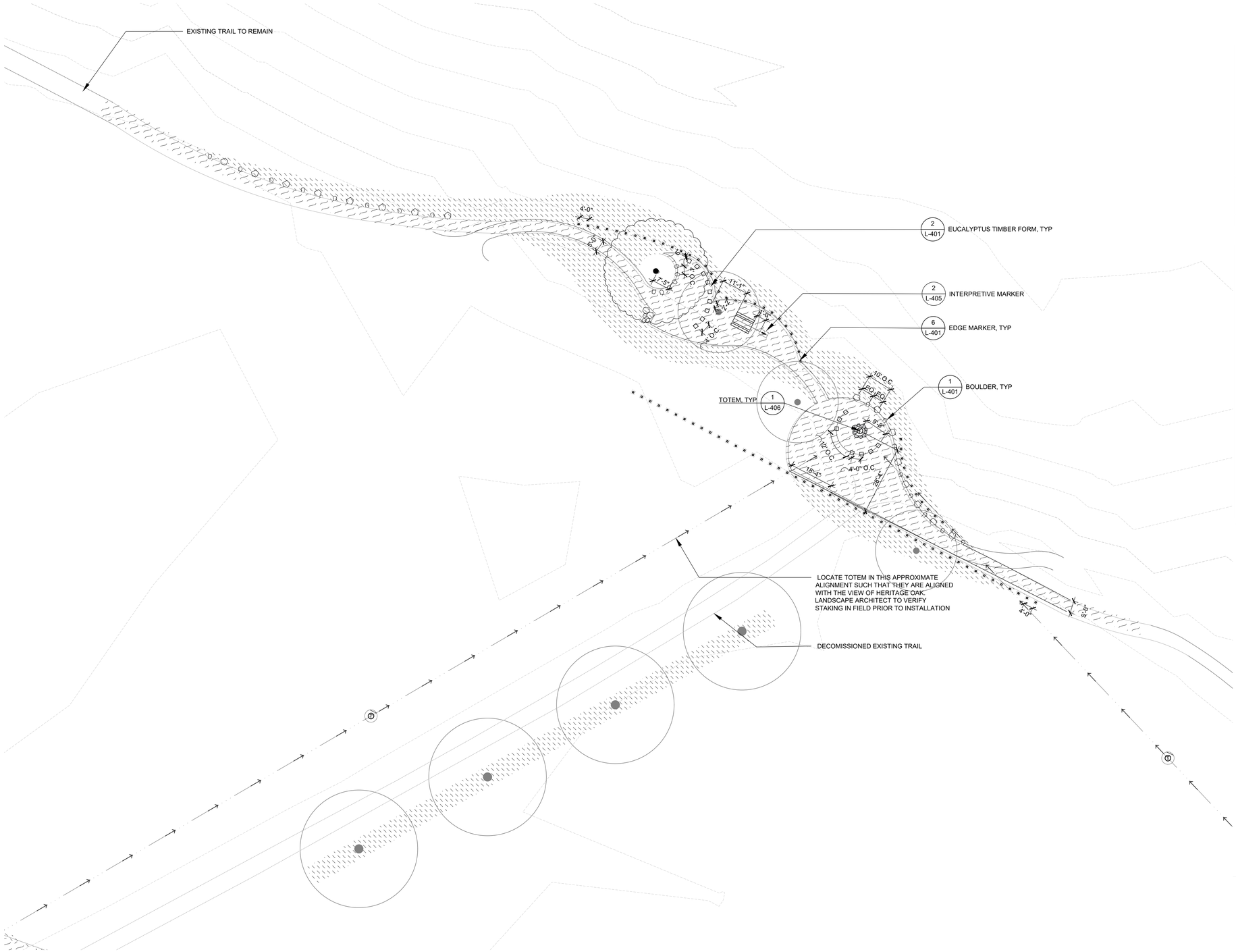
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 82
OF 133 SHEETS

15-E-14663

L-107

8/17/2026 12:10 PM N:\P00056\879 Eaton Trail\4-Documents\3-Construction Documention - SIGS CDRS\Sheets\L-100 MATERIAL PLAN.dwg -- Olivia Yauzi Xu



Know what's **below.** **Call** before you dig.

PAVING

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LANDSCAPE

	TYPE	QTY	DETAIL	DESCRIPTION
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*CONTRACTOR TO CONFIRM QUANTITY PER PLANS AND DETAILS

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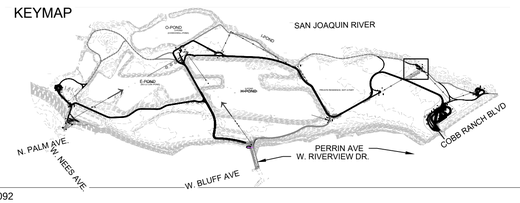
KEYMAP



No.	REVISION	BY	DATE
4			
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REGISTERED LANDSCAPE ARCHITECT JOHN R. GOSS 4417 RENEWAL 08-31-27 STATE OF CALIFORNIA

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455 W FIR AVENUE
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-108

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. FWD0886
FUND NO. 22056
ORG. NO. 1880001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - OAK WAYPOINT

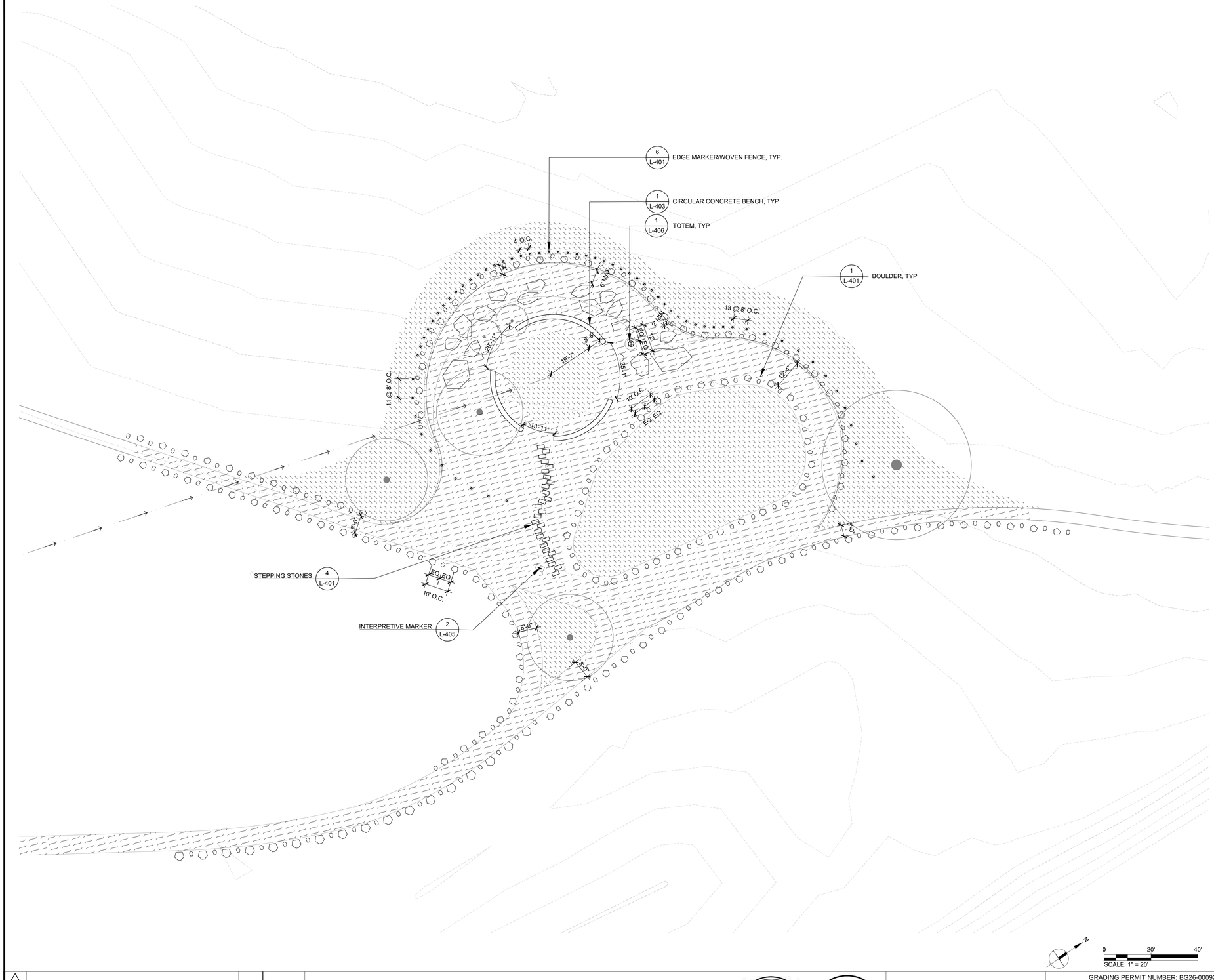
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/DX
CK. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 01
OF 133 SHEETS

15-E-14664

8/17/2026 12:10 PM, \\6000\979 Eaton Trail\4-Documents\3-Construction Documention - XXX CORE\Sheets\L-100 MATERIAL PLAN.dwg - Olivia Yosuf Xu



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LANDSCAPE

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PLANTING

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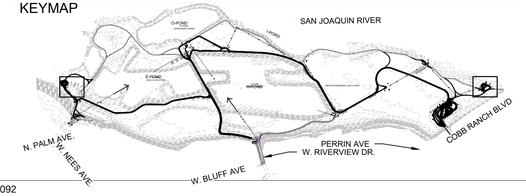

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0 20' 40'

SCALE: 1" = 20'

No.	REVISION	BY	DATE
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100% CONSTRUCTION DOCUMENT
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REGISTERED LANDSCAPE ARCHITECT — JOHN R. GIBBS — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22006
ORG. NO. (68900)
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - UNDERPASS WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: DX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 04
OF 133 SHEETS
15-E-14665

L-109

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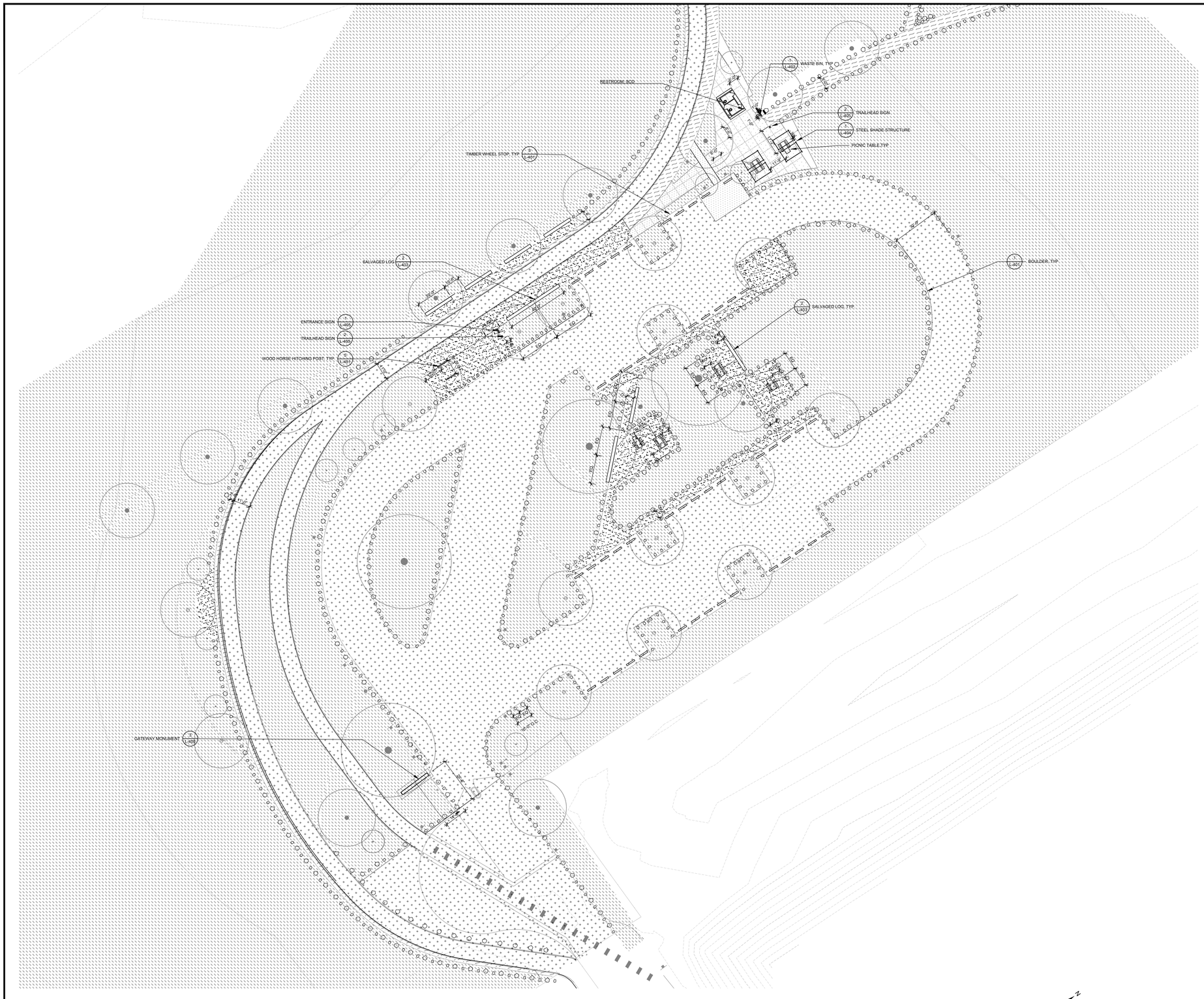

811 Know what's below. Call before you dig.

PAVING

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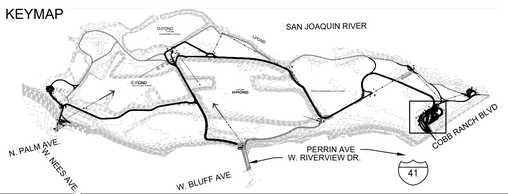

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SCALE: 1" = 30'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
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3			
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REGISTERED LANDSCAPE ARCHITECT JOHN E. KIRBY 4417 SIGNATURE DATE STATE OF CALIFORNIA

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0886
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS
RIVER WEST EATON TRAIL EXT. PH 1
MATERIAL PLAN - WOODWARD WEST

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 85
OF 133 SHEETS

15-E-14666

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6/17/2026 12:11 PM N:\0000\8791 Eaton Trail\C-Documents\3-Construction Documentation - BSE CORE\Sheet\L-100 MATERIAL PLAN.dwg -Chris Youst Xu

CITY OF FRESNO PUBLIC WORKS DEPARTMENT
GENERAL NOTES FOR PLANTING PLAN:

1. REFER TO PLANTING PLANS, PLAN NOTES, PLANT LEGEND, AND PLANTING DETAILS FOR ADDITIONAL PLANTING INFORMATION. REFER TO IRRIGATION PLANS, NOTES AND DETAILS FOR RELATED LANDSCAPE WORK.
2. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS MINIMUM PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULE.
3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF FIELD CONDITIONS THAT VARY FROM THOSE SHOWN ON DRAWINGS AND SEEK CORRECTIONS AND DIRECTIONS BEFORE PROCEEDING WITH WORK. ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY CORRECTIONS DUE TO FAILURE TO REPORT KNOWN DISCREPANCIES.
4. LOCATE AND MARK ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT. PROTECT FROM DAMAGE ALL UTILITIES, AREAS AND STRUCTURES IN AND AROUND LANDSCAPE WORK AREAS. ASSUME FULL RESPONSIBILITY AND EXPENSE FOR REPAIR AND REPLACEMENT OF DAMAGES CAUSED BY CONTRACTOR. LOCATION OF N.I.C. CONSTRUCTION ELEMENTS SUCH AS LIGHTS, SIGNS, VENTS, HYDRANTS, TRANSFORMERS, AND OTHER STRUCTURES OR ELEMENTS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY FIELD CONDITIONS WHETHER SHOWN HEREON OR NOT. WHEN SHOWN ITEMS DO NOT CORRESPOND TO FIELD CONDITIONS, REPORT DISCREPANCIES TO OWNER'S REP. FOR CLARIFICATIONS AND INSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
5. PLANTING ACCESSORIES & MATERIAL:
   a. TREE TIE: CINCH TIE, BY V.I.T. PRODUCTS, 800-729-1314 OR APPROVED EQUAL.
   b. TREE GUARD (IN TURF AREAS): 4" DIA. X 9" HT. PLASTIC TRUNK PROTECTOR, "ARBOR GUARD" BY DEEP ROOT PARTNERS, 800-458-7668 OR APPROVED EQUAL.
   c. FERTILIZER TABLETS: AGRIFORM 20-10-5, THREE 20-GRAM TABLETS OR APPROVED EQUAL FOR 15 GALLON OR LARGER SIZE TREES, TWO 10-GRAM TABLETS FOR 5 GALLON SIZE PLANTS, ONE 10-GRAM TABLET FOR 1 GALLON SIZE.
   d. ROOT BARRIER: UB-24"x10' ROOT BARRIER PANELS OR APPROVED EQUAL.
   e. MULCH: 3" LAYER CONIFEROUS BARK MULCH IN ALL PLANTER AREAS. SUBMIT SAMPLE FOR APPROVAL.
6. PRE-PLANTING PREPARATION:
   a. PROCEED WITH PLANTING WORK ONLY AFTER IRRIGATION WORK IS COMPLETED, TESTED, AND APPROVED BY OWNER'S REPRESENTATIVE. PROTECT IRRIGATION SYSTEM FROM DAMAGE.
   b. ROUGH GRADE PLANTING AREAS UNIFORMLY SMOOTH, DEVOID OF DEPRESSIONS, TO CONFORM TO THE GRADING PATTERNS ESTABLISHED BY CIVIL ENGINEERING DRAWINGS. ENSURE POSITIVE WATER REMOVAL TO DRAINAGE ELEMENTS OR STRUCTURES PROVIDED BY OTHERS. NOTIFY OWNER'S REPRESENTATIVE WHEN ADDITIONAL AREA DRAINS AND SUBSURFACE DRAINAGE ARE REQUIRED FOR PROPER DRAINAGE OF PLANTING AREAS.
   c. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS AND FOUNDATIONS FOR PLANTING AREAS ADJACENT SUCH STRUCTURES.
   d. REMOVE ALL ROCKS GREATER THAN 2" DIAMETER AND ALL DEBRIS AND DELETERIOUS MATERIAL FROM PLANTING AREAS.
   e. PREPARE PLANTING BEDS PER SOIL TEST REPORT'S RECOMMENDATIONS, ADDING AMENDMENTS, FERTILIZER, AND OTHER MATERIAL AS SPECIFIED TO SITE TOPSOIL.
   f. CONTRACTOR SHALL AUGER 24"x10' DEEP THROUGH HARDPAN FOR ALL TREES.
7. PLANTS: ALL PLANTS OF THE SAME SPECIES/CULTIVAR/VARIETY SHALL HAVE MATCHING FORM, FLOWER COLOR, AND SIZE, IN HEALTHY AND THRIVING CONDITION, FREE FROM INJURIES, DISEASES, PESTS AND ROOT-BOUND OR GIRDLING ROOTS. REPLACE REJECTED PLANTS WITH MATCHING SPECIES, SIZE AND FORM.
8. PLANTING:
   a. IRRIGATE PLANTING AREAS TO BRING TOP 6" OF SOIL TO FIELD CAPACITY. ALLOW SOIL TO DRAIN. DO NOT WORK SOIL UNTIL IT RETURNS TO A MOIST FRIABLE CONDITION. TREE EXCAVATIONS MAY REQUIRE ADDITIONAL IRRIGATION. FLOOD TREE PITS AS REQUIRED TO MOISTEN SUBGRADE.
   b. PLACE PLANTS IN THEIR CONTAINERS AT THE LOCATIONS PER PLANS FOR APPROVAL BY OWNER'S REP. MAKE MINOR ADJUSTMENTS AS REQUIRED BY FIELD CONDITIONS AND TO ALLOW OPTIMAL IRRIGATION COVERAGE.
   c. PLANT QUANTITIES GIVEN ON PLANT LEGEND ARE FOR GENERAL GUIDANCE PROVIDE THE SPECIFIED PLANT SPECIES IN THE QUANTITIES AT THE REQUIRED SPACING TO ACHIEVE THE DESIGN EFFECT/INTENT SHOWN ON THE PLANS.
   d. PLANT GROUND COVER AND SHRUB MASSES ACCORDING TO TRIANGULATED SPACING DIAGRAM UNLESS OTHERWISE SHOWN OR NOTED.
   e. FOR TREES WITHIN 5 FEET OF PAVEMENT AND SLAB FOUNDATIONS, PRIOR TO TREE PLACEMENT, INSTALL 10' LONG ROOT BARRIER ADJACENT TO HARDSCAPE.
   f. PLANT TREES, SHRUBS, VINES, AND GROUND COVERS AS SHOWN ON DETAILS.
   g. INSTALL 3" DEEP CONIFEROUS BARK MULCH IN SHRUB BEDS.
9. WARRANTY: WARRANT TREES AND IRRIGATION SYSTEM FOR ONE YEAR FROM FINAL ACCEPTANCE OF COMPLETED WORK. REPLACE DEAD OR DYING TREES AND BROKEN IRRIGATION COMPONENTS WITHIN THIS PERIOD.
10. MAINTENANCE: MAINTAIN LANDSCAPE AND IRRIGATION FOR 90 DAYS.

SOIL AMENDMENT NOTES:
SOIL PREPARATION PER 1,000 S.F.
3 CU. YDS. NITROLIZED WOOD SHAVINGS OR EQUAL 15 LBS. 15-15-15 FERTILIZER ROTO-TILL TO DEPTH OF 8" (FOR SLOPES 3:1 AND LESS)

BACKFILL MIX:
6 PARTS OF NATIVE ON-SITE SOIL
4 PARTS OF NITROLIZED SHAVINGS OR EQUAL
18 LBS. OF GRO-POWER PLUS PER CUBIC YARD OF MIX

GROW-POWER PLANTING TABLETS:
ONE (1) per each 1-GALLON PLANT
TWO (2) per each 5-GALLON PLANT
THREE (3) per each 15-GALLON PLANT
FIVE (5) per each 24"-BOX PLANT
FOR BID PURPOSES ONLY: CONTRACTOR TO OBTAIN SOILS TEST AND RECOMMENDATIONS

Know what's below.
Call before you dig.

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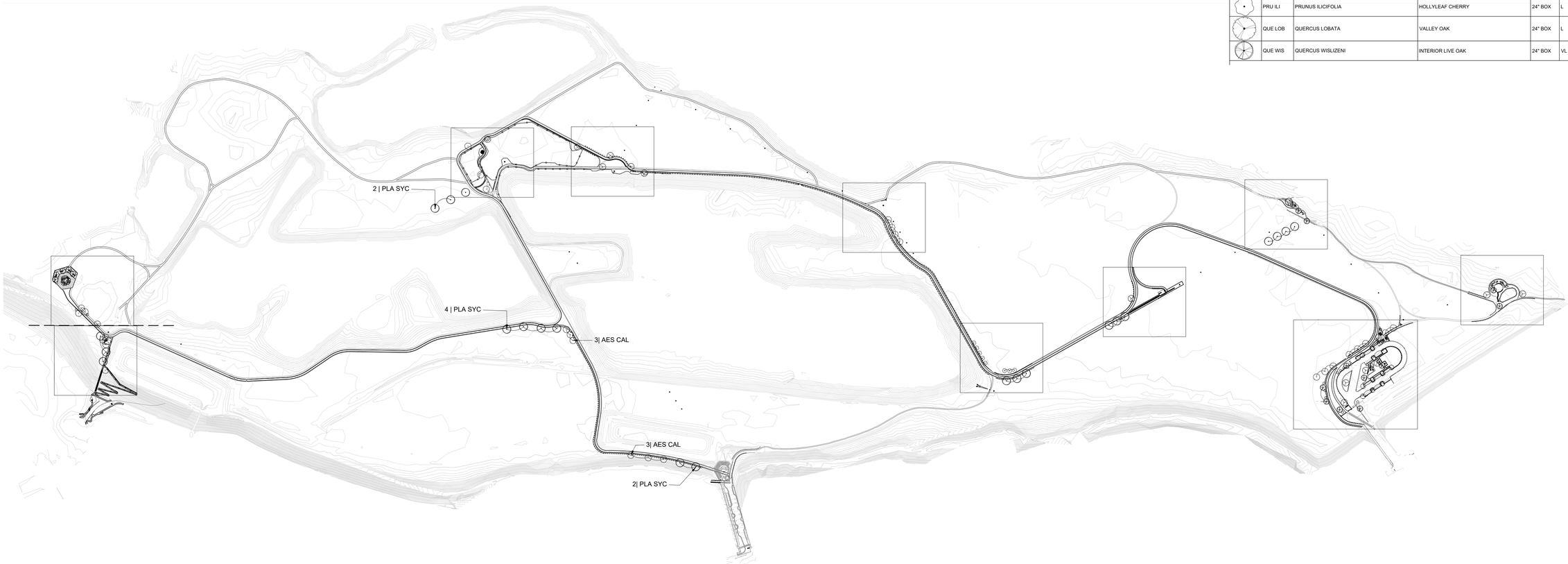

No.	REVISION	BY	DATE
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3			
2			
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100% CONSTRUCTION DOCUMENT
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REGISTERED LANDSCAPE ARCHITECT · JOHN R. OTTO · 4417 · DATE 10-31-25 · STATE OF CALIFORNIA

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PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-200

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0086
FUND NO. 24006
ORG. NO. 180901
REF. & REV.

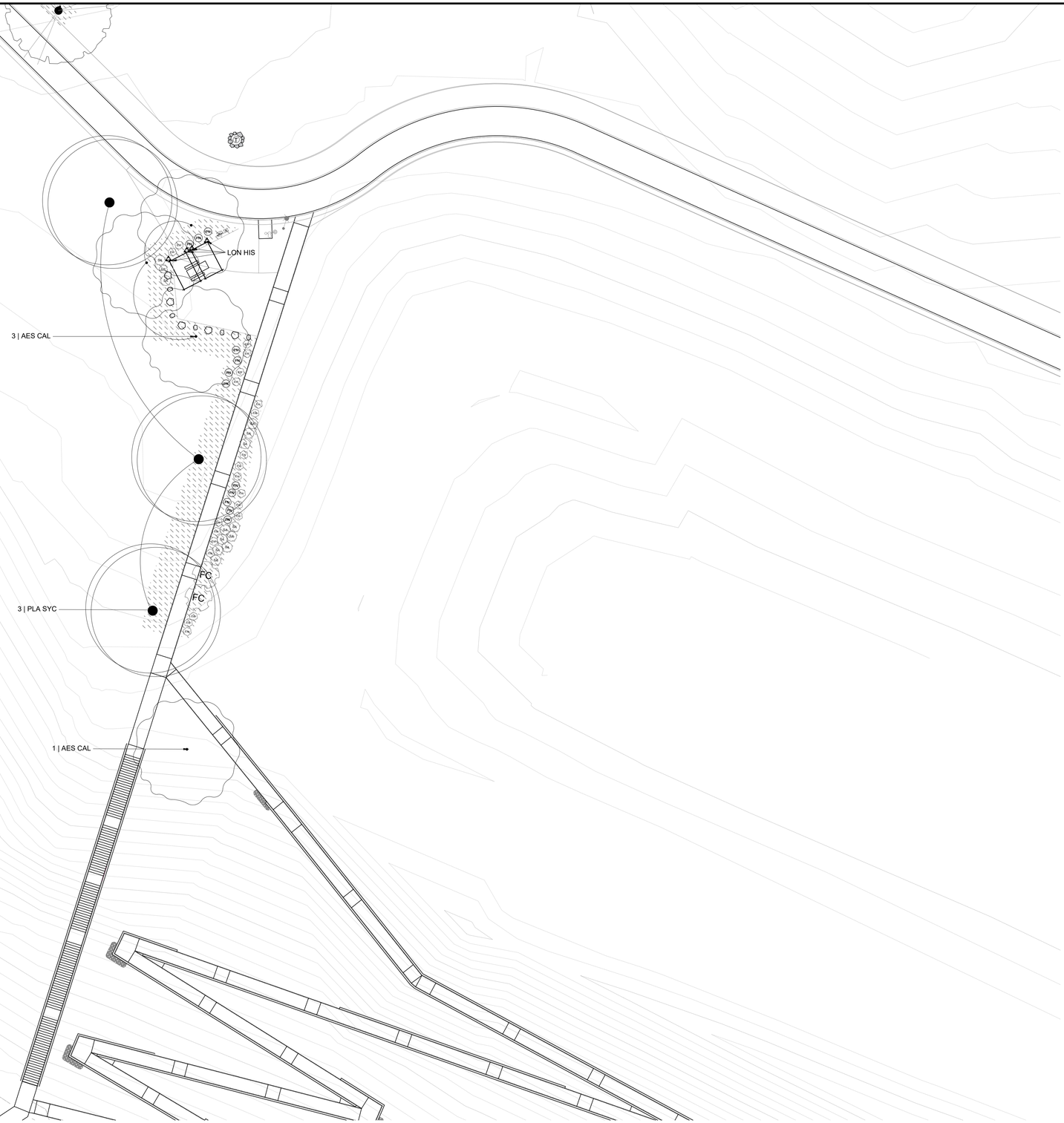
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

SITE PLANTING PLAN

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 86
OF 133 SHEETS
15-E-14667

8/17/2026 11:14 AM H:\8000\8719 eaton trail\4-documents\3-construction documentation - 90% corr\Sheet\3-301 PLANTING PLAN_CORE.dwg -Office Yosef Ru



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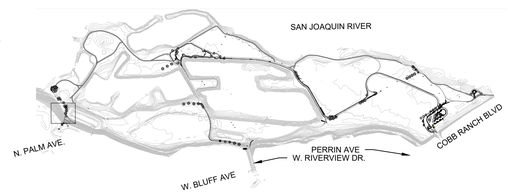

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SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L-201

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REGISTERED LANDSCAPE ARCHITECT — JOHN K. GIBBS — 4417 — STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0256
FUND NO. 22056
ORG. NO. 180901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN PALM AVENUE STAIRS

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JC
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 87
OF 133 SHEETS

15-E-14668

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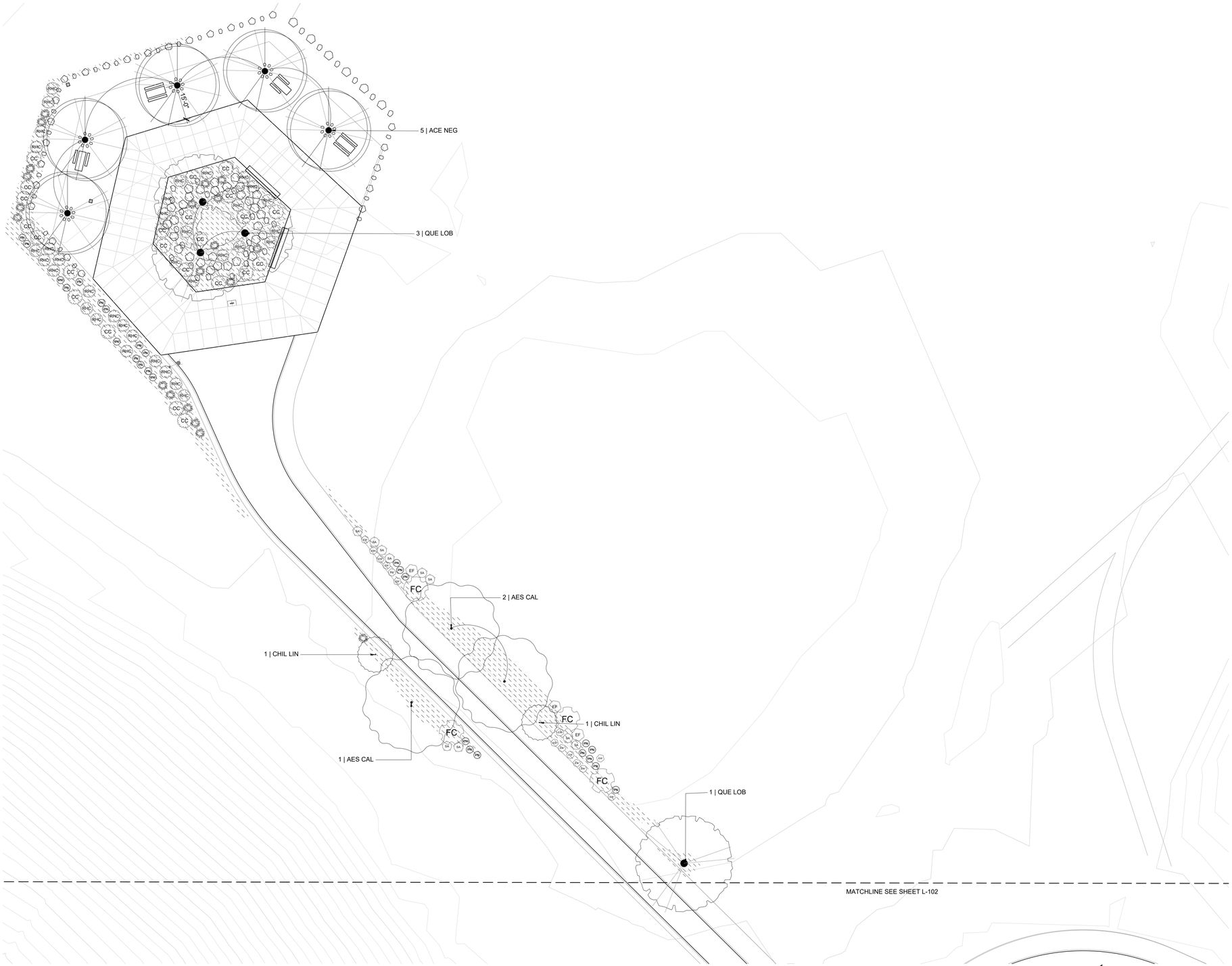

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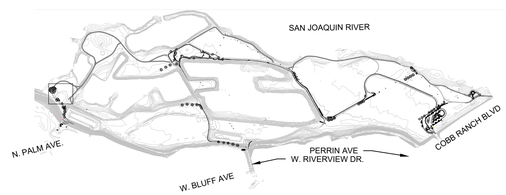
NOTE: ALL PLANTING IN THIS AREA TO FOLLOW LANDSCAPE SOIL PREPARATION AT LANDFILLDETAIL



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SCALE: 1" = 20'

No.	REVISION	BY	DATE
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REGISTERED LANDSCAPE ARCHITECT — DIANA R. CRUZ — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-202

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ ID. PW02986
FUND NO. 70056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

PLANTING PLAN
PALM AVENUE
ACCESS

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: OX/EX
CH. BY: PT/JC
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 55
OF 133 SHEETS

15-E-14669

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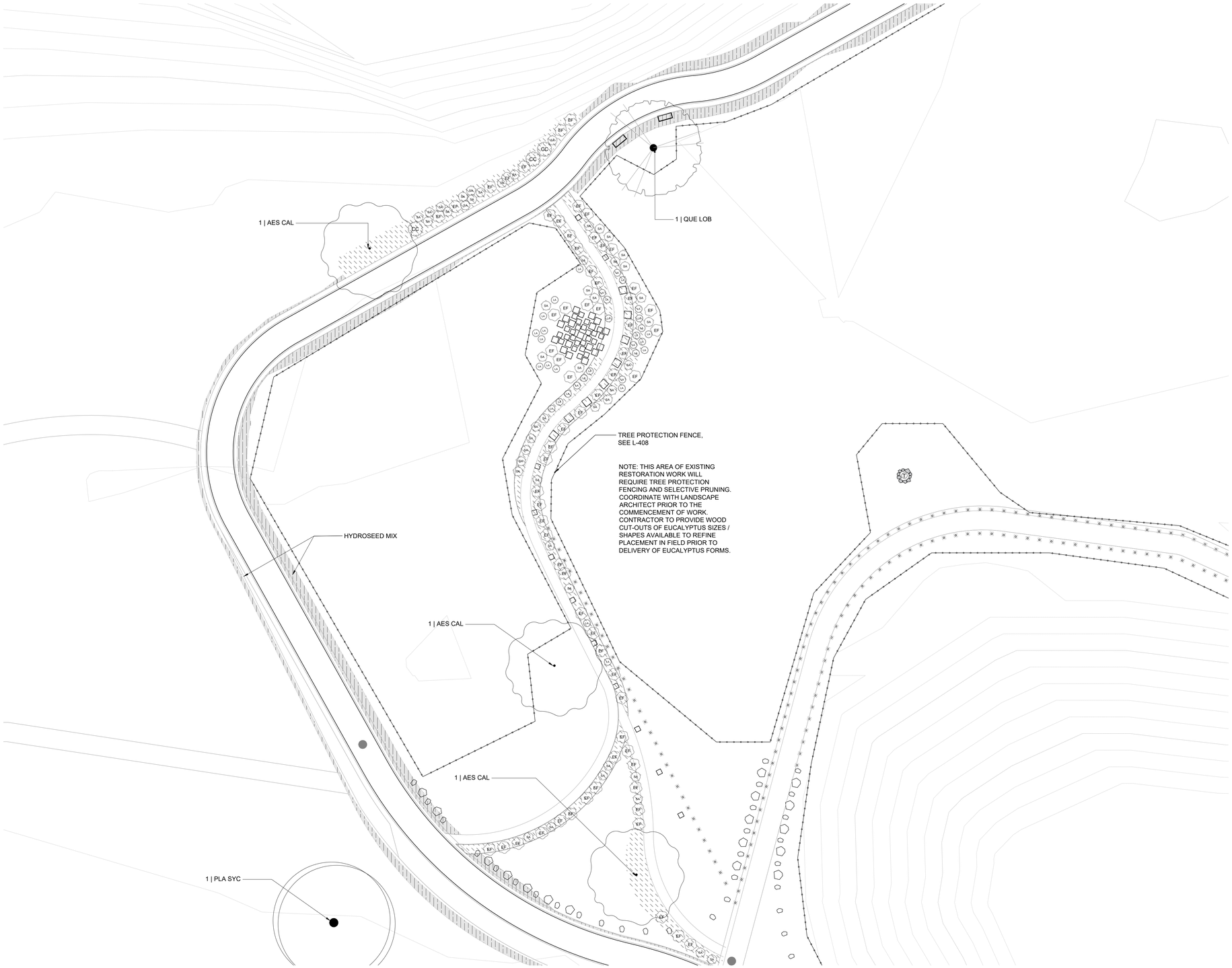

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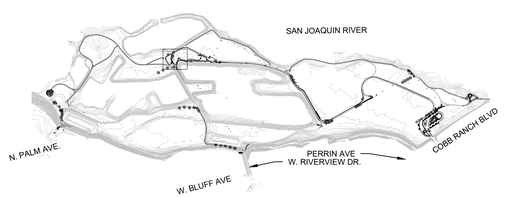

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SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L-203

No.	REVISION	BY	DATE
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REGISTERED LANDSCAPE ARCHITECT — JOHN R. O'BRIEN — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PR. FILE NO. 13245
PROJ. ID. PW00085
FUND NO. 22006
ORG. NO. 180201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN BUS DROP OFF

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: OX/EX
CH. BY: PT/JO
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 69
OF 133 SHEETS
15-E-14670

8/17/2026 12:10 PM N:\0000\0719 Eaton Trail\4-Documents\3-Construction Documents – 90% CORE\Sheets\3-301 PLANTING PLAN_CORE.dwg - Okiki Yusuf Xu

811
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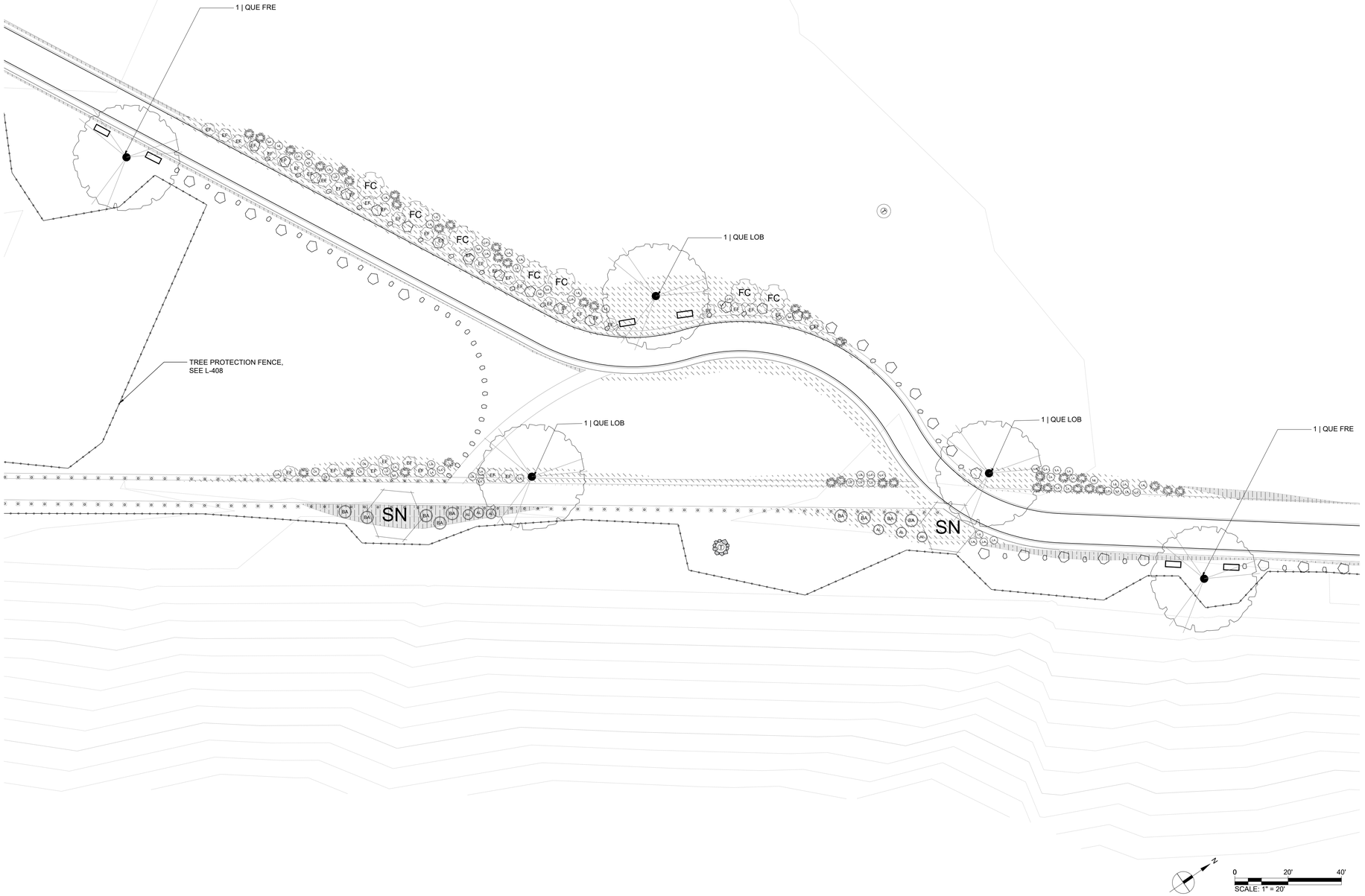

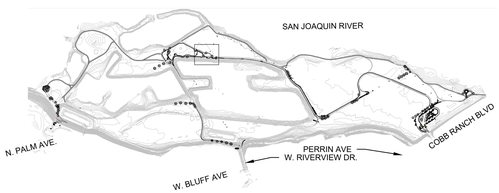

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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-204

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00286
FUND NO. 22004
ORG. NO. 1695001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN
RESTORATION WAYPOINT

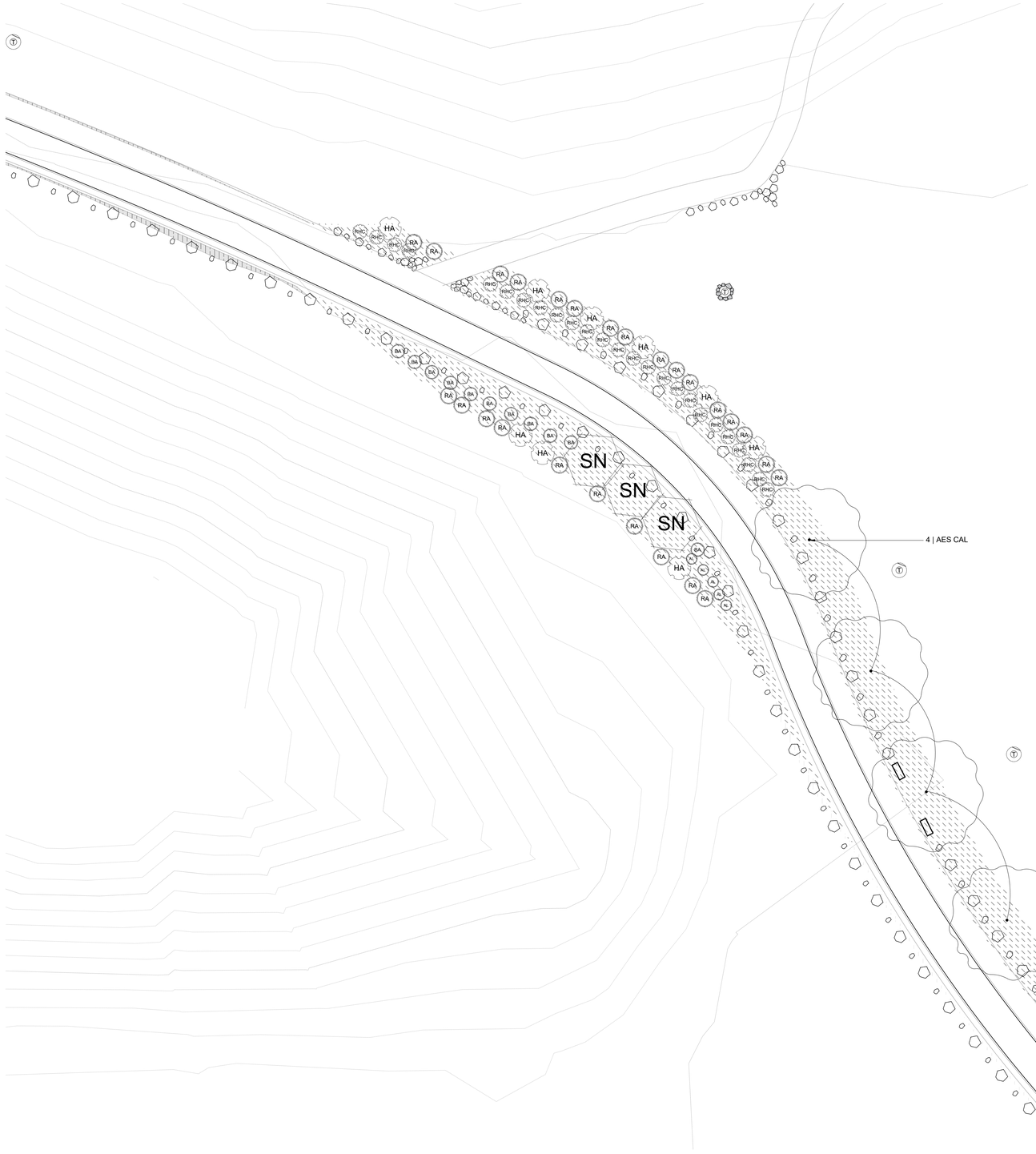
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 90
OF 133 SHEETS

15-E-14671

8/17/2026 12:10 PM R:\90000\PW15 Eaton Trail\4-Documents\3-Construction Documentation - BOE CORE\Sheets\L-301 PLANTING PLAN_CORE.dwg -Olivia Yazzi Xu





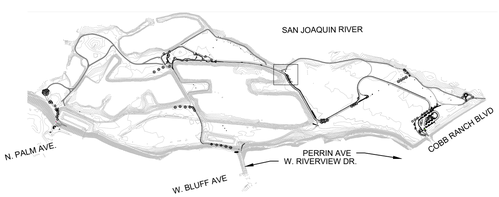
N

0 20' 40'

SCALE: 1" = 20'

811
Know what's below.
Call before you dig.

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	TOTAL QTY ON SITE
TREES						
	ACE NEG	ACER NEGUNDO	BOX ELDER	24" BOX	M	13
	AES CAL	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	24" BOX	VL	29
	CHI LIN	CHILOPSIS LINEARIS	DESERT WILLOW	24" BOX	VL	13
	PLA SYC	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE MULTI-TRUNK	24" BOX	M	22
	PRU ILI	PRUNUS ILICIFOLIA	HOLLYLEAF CHERRY	24" BOX	L	8
	QUE LOB	QUERCUS LOBATA	VALLEY OAK	24" BOX	L	17
	QUE WIS	QUERCUS WISLIZENI	INTERIOR LIVE OAK	24" BOX	VL	18
SHRUBS						
AL	AL	ATRIPLEX LENTIFORMIS	BIG SALTBUSH	1 GAL	VL	67
BA	BA	BACCHARIS 'STARN'	COYOTE BRUSH	5 GAL	L	71
BS	BS	BACCHARIS SALICIFOLIA	MULEFAT	5 GAL	M	13
CC	CC	CEANOTHUS X 'CONCHA'	CONCHA WILD LILAC	5 GAL	L	95
CO	CO	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	5 GAL	M	13
EF	EF	ERIOGONUM FASCICULATUM	CALIFORNIA BUCKWHEAT	1 GAL	VL	244
EW	EW	ERIOGONUM FASCICULATUM 'WARRINER LYTLE'	WARRINER LYTLE CALIFORNIA BUCKWHEAT	1 GAL	L	247
FC	FC	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	5 GAL	VL	29
HW	HW	HESPEROYUCCA WHIPPLEI	CHAPARRAL YUCCA	1 GAL	L	20
HA	HA	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	VL	17
LA	LA	LUPINUS ALBIFRONS	BUSH LUPINE	1 GAL	VL/L	195
MR	MR	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL	L	304
RHC	RHC	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	CALIFORNIA COFFEEBERRY	1 GAL	L	170
RA	RA	RIBES AUREUM	GOLDEN CURRANT	1 GAL	L/VL	44
PN	PN	PLAGIOBOTHRYS NOTHOFULVUS	POPCORN FLOWER	1 GAL	VL	60
SA	SA	SALVIA X 'ALLEN CHICKERING'	ALLEN CHICKERING SAGE	1 GAL	L	163
SN	SN	SAMBUCUS NIGRA CAERULEA	BLUE ELDERBERRY	5 GAL	L	22
LH	LH	LONICERA HISPIDULA	CALIFORNIA HONEYSUCKLE	1 GAL	L	10
GROUND COVERS						
		MULCH, BELOW PLANTING		-		92,318 SF
		HYDROSEED MIX FOR DISTURBED AREAS, SEE SPECS; TO LIMIT OF GRADING, SCD;	NATIVE GRASS MIX, NO SUMMER IRRIGATION	SEED		405,273 SF



No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT
JOHN E. WEBB
4417
SIGNATURE
DATE
STATE OF CALIFORNIA

WRT

PROVOST& PRITCHARD
www.provostandpritchard.com
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CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-205

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN HISTORY
WAYPOINT

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 91
OF 133 SHEETS

15-E-14672

8/17/2026 12:11 PM N:\0000\8791 Eaton Trail\C-Documents\3-Construction Documentation - BOE CORE\Sheets\L-201 PLANTING PLAN_CORE.dwg - Olivia Yaudi Xu

811
Know what's **below.**
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TREES						
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SHRUBS						
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BS	BS	BACCHARIS SALICIFOLIA	MULEFAT	5 GAL	M	13
CC	CC	CEANOTHUS X 'CONCHA'	CONCHA WILD LILAC	5 GAL	L	95
CO	CO	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	5 GAL	M	13
EF	EF	ERIOGONUM FASCICULATUM	CALIFORNIA BUCKWHEAT	1 GAL	VL	244
EW	EW	ERIOGONUM FASCICULATUM 'WARRINER LYTLE'	WARRINER LYTLE CALIFORNIA BUCKWHEAT	1 GAL	L	247
FC	FC	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	5 GAL	VL	29
HW	HW	HESPEROYUCCA WHIPPLEI	CHAPARRAL YUCCA	1 GAL	L	20
HA	HA	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	VL	17
LA	LA	LUPINUS ALBIFRONS	BUSH LUPINE	1 GAL	VL/L	195
MR	MR	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL	L	304
RHC	RHC	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	CALIFORNIA COFFEEBERRY	1 GAL	L	170
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SA	SA	SALVIA X 'ALLEN CHICKERING'	ALLEN CHICKERING SAGE	1 GAL	L	163
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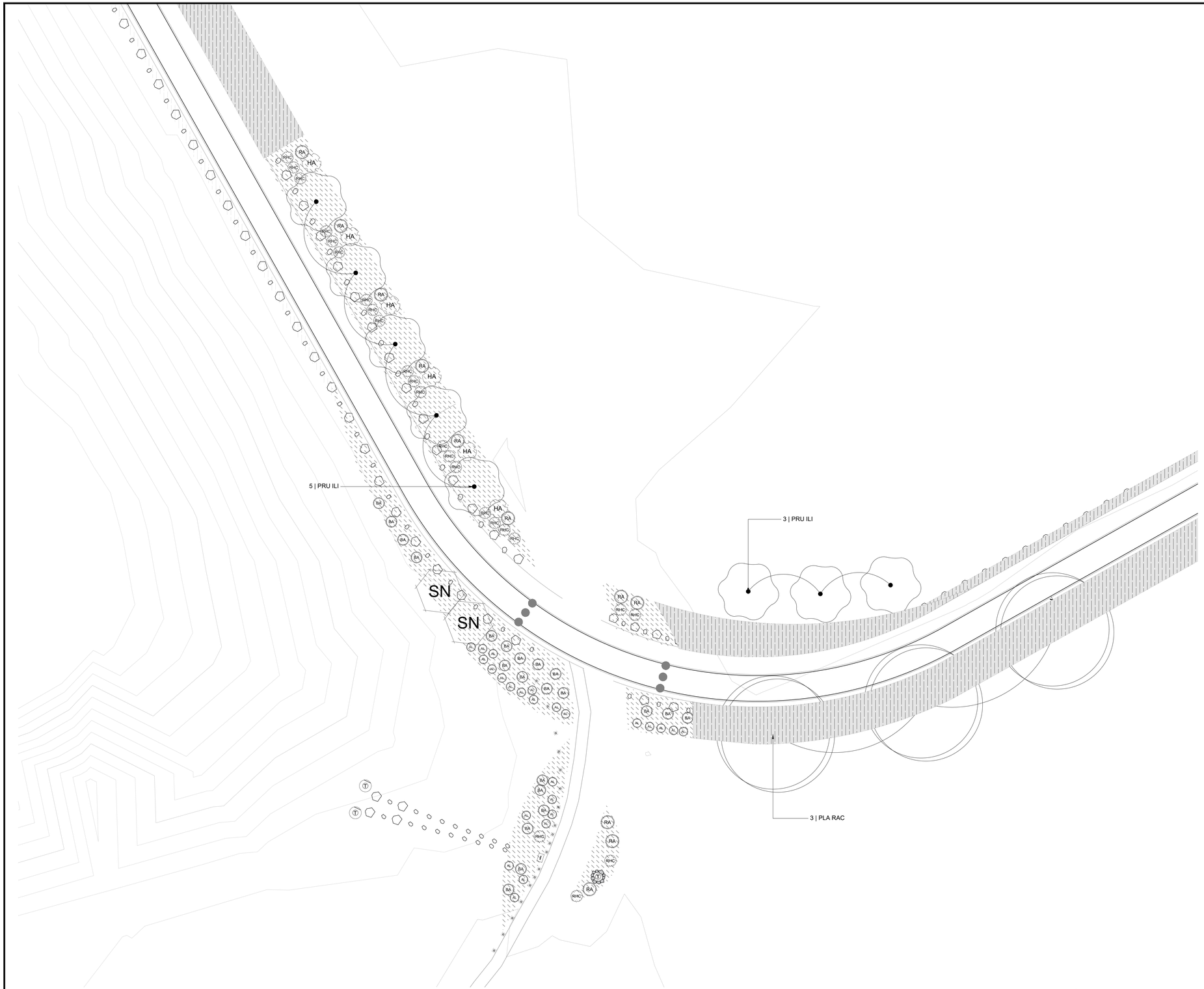
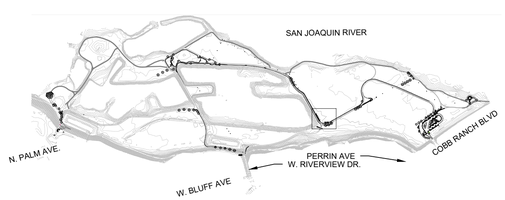
LH	LH	LONICERA HISPIDULA	CALIFORNIA HONEYSUCKLE	1 GAL	L	10
GROUND COVERS						
		MULCH, BELOW PLANTING		-		92,318 SF
		HYDROSEED MIX FOR DISTURBED AREAS, SEE SPECS; TO LIMIT OF GRADING, SCD;	NATIVE GRASS MIX, NO SUMMER IRRIGATION	SEED		405,273 SF





0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L-206

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT
JOHN R. GIBBS
4417
SIGNATURE
DATE
STATE OF CALIFORNIA

WRT

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. N. P#00806
FUND NO. 22056
ORG. NO. 169001
REF. & REV.

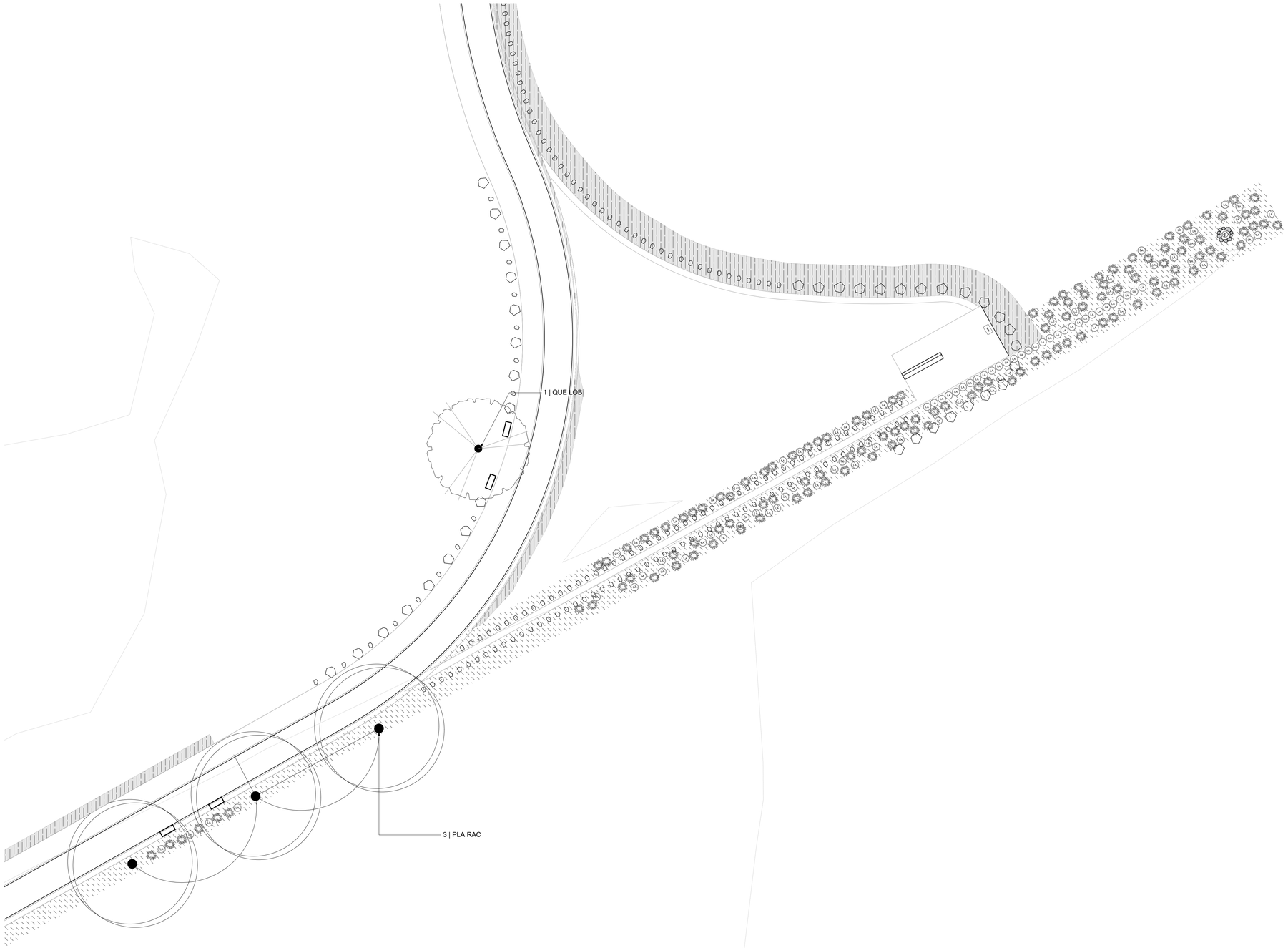
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN HABITAT
WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 92
OF 133 SHEETS
15-E-14673

8/17/2026 12:11 PM N:\8000\0719 Eaton Trail\4-Documents\3-Construction Documents – BOE CORE\Sheets\L-320 PLANTING PLAN_CORE.dwg – Olivia Youst Xu

811
Know what's **below.**
Call before you dig.



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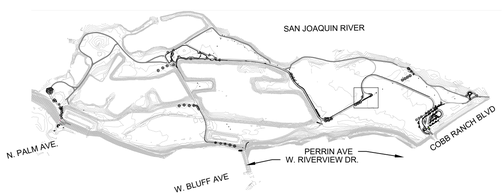
GROUND COVERS						
		MULCH, BELOW PLANTING		-		92,318 SF
		HYDROSEED MIX FOR DISTURBED AREAS, SEE SPECS; TO LIMIT OF GRADING, SCD;	NATIVE GRASS MIX, NO SUMMER IRRIGATION	SEED		405,273 SF



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0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L-207

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT
JOHN K. GIBBS
4417
RENEWAL 08-31-27
STATE OF CALIFORNIA

WRT

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0286
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN VIEW DECK WAYPOINT

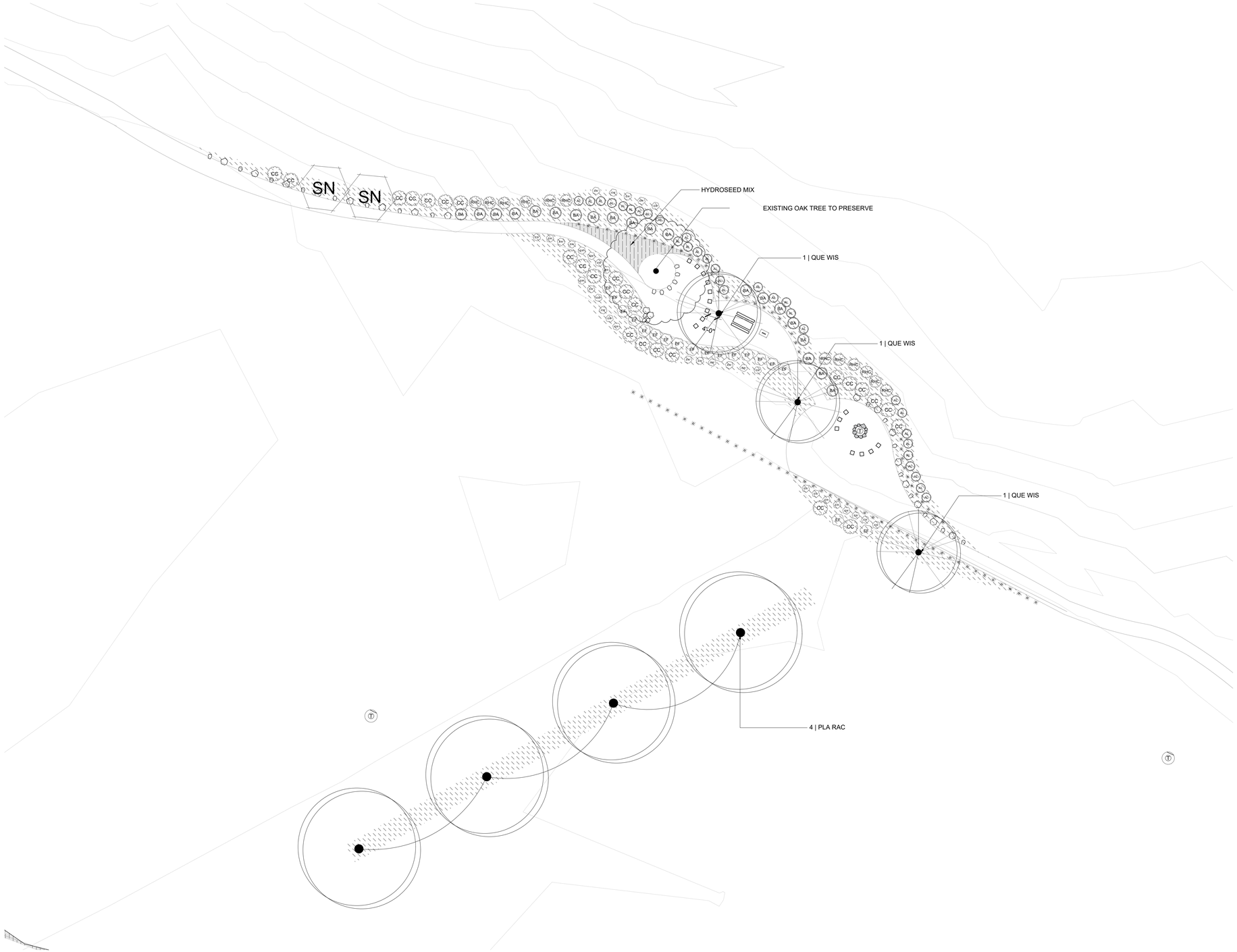
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 93
OF 133 SHEETS

15-E-14674

8/17/2026 10:11 PM N:\0000\EPW Eaton Trail\V-Documents\3-Construction Documents - DOC CODE\Sheets\3-301 PLANTING PLAN_CODE.dwg -- Olivia Yousif Xu



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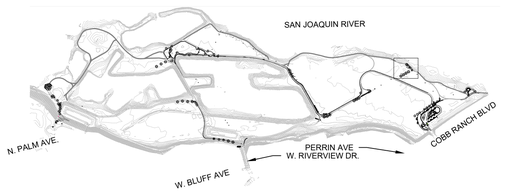


N

0 20' 40'
SCALE: 1" = 20'

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT — JOHN R. GIESE — 4417 — STATE OF CALIFORNIA — DATE: 07-31-26

WRT

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13045
PROJ. ID. PW00686
FUND NO. 22006
ORG. NO. 150701
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN OAK
WAYPOINT

REVIEWED
OFFICE ENG.:_____ CITY ENG.:_____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

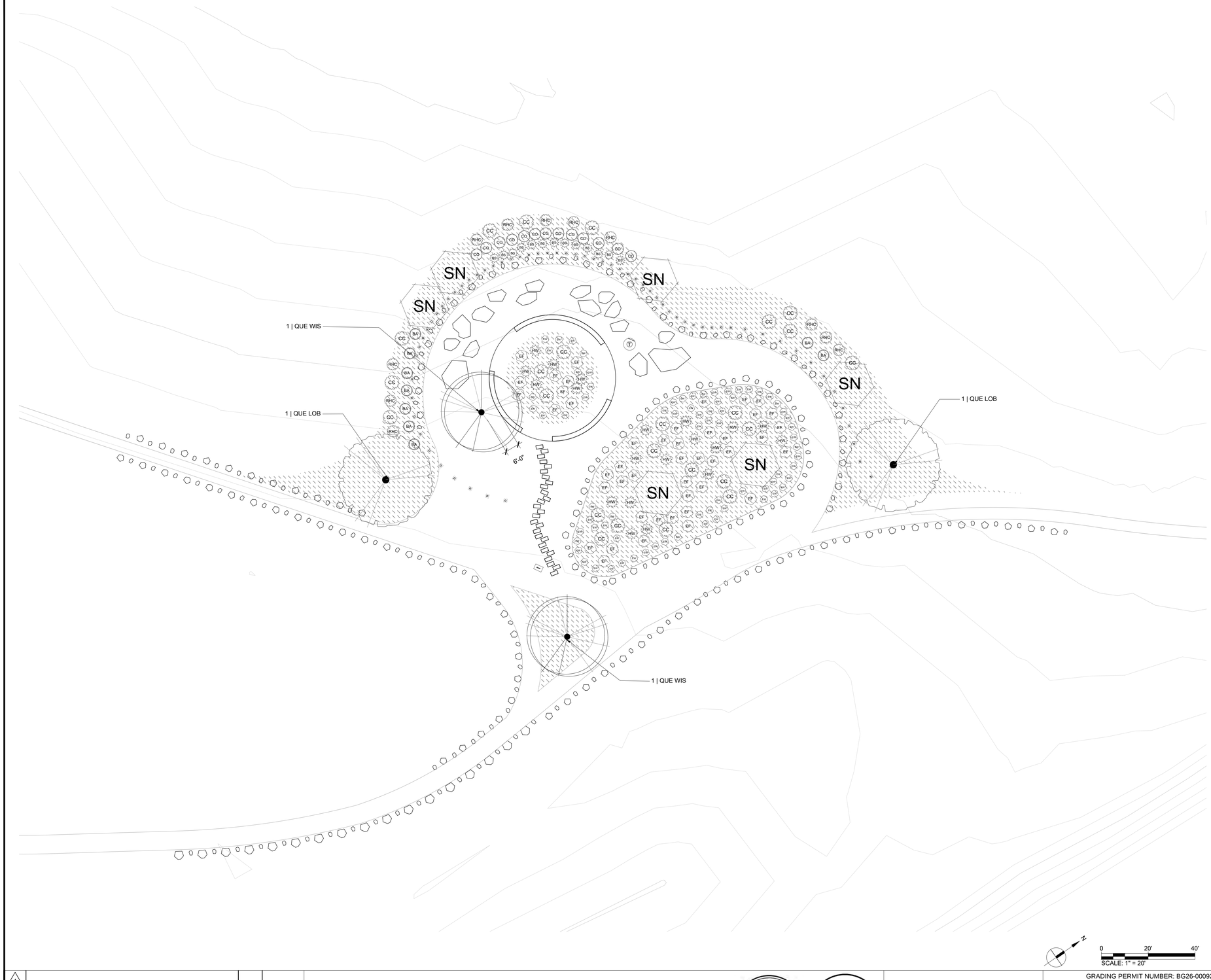
SHEET NO. 04
OF 133 SHEETS

15-E-14675

L-208

8/17/2026 12:11 PM N:\8000\8719 Eaton Trail\4-Documents\3-Construction Documention - SOE CORE\Sheets\L-301 PLANTING PLAN_CORE.dwg -Olivia Yost Su

811
Know what's **below.**
Call before you dig.



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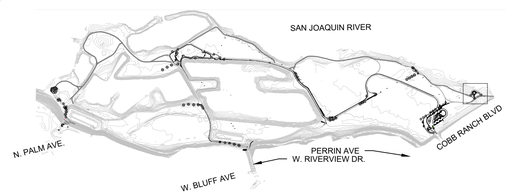
		MULCH, BELOW PLANTING		-		92,318 SF
		HYDROSEED MIX FOR DISTURBED AREAS, SEE SPECS; TO LIMIT OF GRADING, SCD;	NATIVE GRASS MIX, NO SUMMER IRRIGATION	SEED		405,273 SF



N

0 20' 40'
SCALE: 1" = 20'

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT · JOHN K. SIBBET · 4417 · SIGNATURE · DATE · STATE OF CALIFORNIA

WRT

PROVOST& PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-209

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

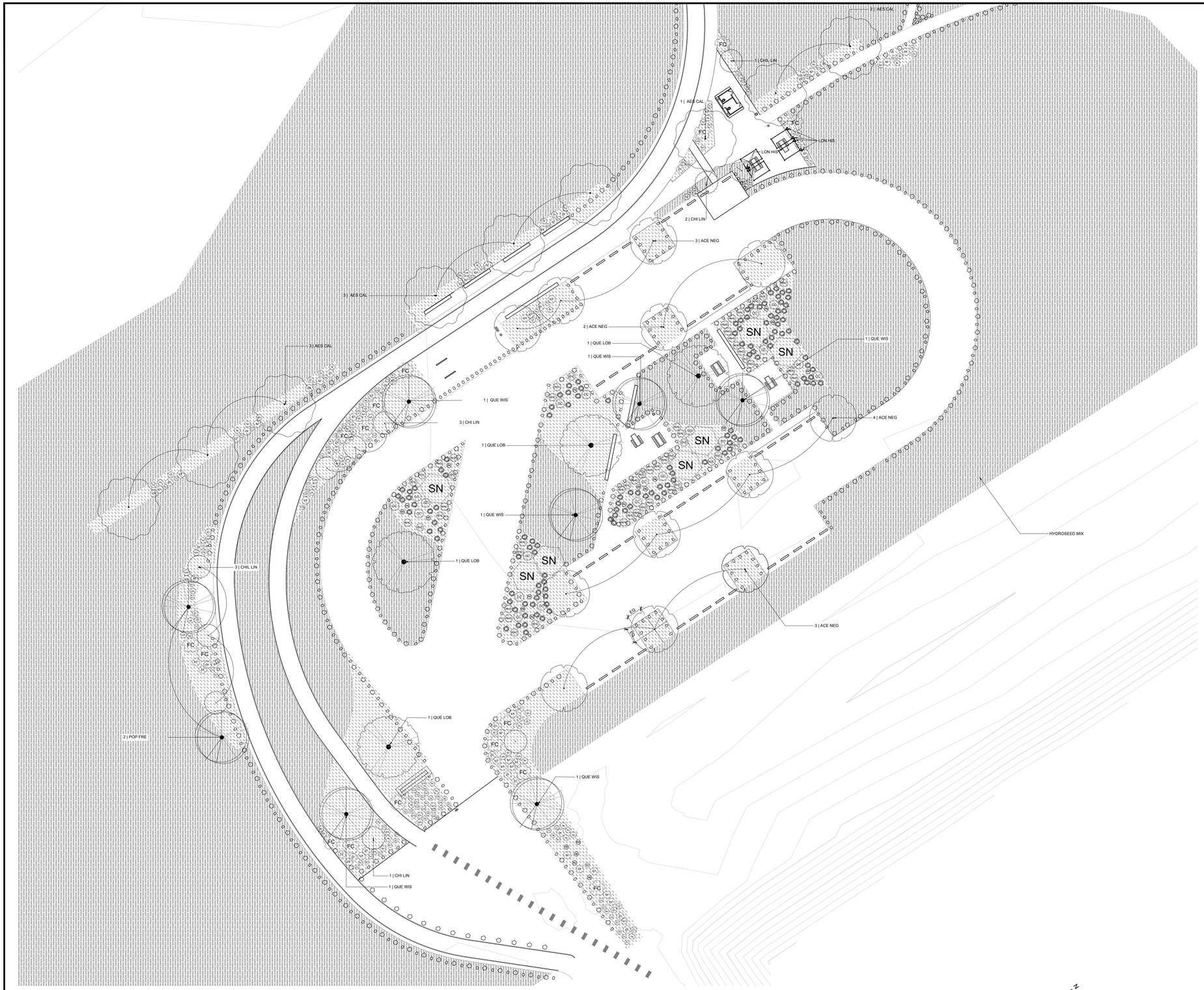
PW. FILE NO. 13245
PROJ. ID. PWD0986
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

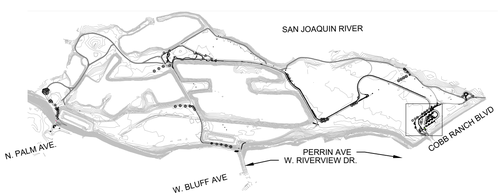
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN UNDERPASS
WAYPOINT

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: OX/EX
CH. BY: PT/JC
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 95
OF 133 SHEETS
15-E-14676

8/17/2026 12:12 PM N:\0000\FTP Eaton Trail\V-Documents\3-Construction Documents - 90% CDs\Sheets\3-301 PLANTING PLAN_CORE.dwg — Olivia Yosuf Xu





0 30' 60'

SCALE: 1" = 30'

811 Know what's below. Call before you dig.

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	TOTAL QTY ON SITE
TREES						
	ACE NEG	ACER NEGUNDO	BOX ELDER	24" BOX	M	13
	AES CAL	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	24" BOX	VL	29
	CHI LIN	CHILOPSIS LINEARIS	DESERT WILLOW	24" BOX	VL	13
	PLA SYC	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE MULTI-TRUNK	24" BOX	M	22
	PRU ILI	PRUNUS ILICIFOLIA	HOLLYLEAF CHERRY	24" BOX	L	8
	QUE LOB	QUERCUS LOBATA	VALLEY OAK	24" BOX	L	17
	QUE WIS	QUERCUS WISLIZENI	INTERIOR LIVE OAK	24" BOX	VL	18
SHRUBS						
AL	AL	ATRIPLEX LENTIFORMIS	BIG SALTBUSH	1 GAL	VL	67
BA	BA	BACCHARIS 'STARN'	COYOTE BRUSH	5 GAL	L	71
BS	BS	BACCHARIS SALICIFOLIA	MULEFAT	5 GAL	M	13
CC	CC	CEANOTHUS X 'CONCHA'	CONCHA WILD LILAC	5 GAL	L	95
CO	CO	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	5 GAL	M	13
EF	EF	ERIOGONUM FASCICULATUM	CALIFORNIA BUCKWHEAT	1 GAL	VL	244
EW	EW	ERIOGONUM FASCICULATUM 'WARRINER LYTLE'	WARRINER LYTLE CALIFORNIA BUCKWHEAT	1 GAL	L	247
FC	FC	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	5 GAL	VL	29
HW	HW	HESPEROYUCCA WHIPPLEI	CHAPARRAL YUCCA	1 GAL	L	20
HA	HA	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	VL	17
LA	LA	LUPINUS ALBIFRONS	BUSH LUPINE	1 GAL	VL/L	195
MR	MR	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL	L	304
RHC	RHC	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	CALIFORNIA COFFEEBERRY	1 GAL	L	170
RA	RA	RIBES AUREUM	GOLDEN CURRANT	1 GAL	L/VL	44
PN	PN	PLAGIOBOTHRYS NOTHOFULVUS	POPCORN FLOWER	1 GAL	VL	60
SA	SA	SALVIA X 'ALLEN CHICKERING'	ALLEN CHICKERING SAGE	1 GAL	L	163
SN	SN	SAMBUCUS NIGRA CAERULEA	BLUE ELDERBERRY	5 GAL	L	22
LH	LH	LONICERA HISPIDULA	CALIFORNIA HONEYSUCKLE	1 GAL	L	10
GROUND COVERS						
		MULCH, BELOW PLANTING		-		92,318 SF
		HYDROSEED MIX FOR DISTURBED AREAS, SEE SPECS; TO LIMIT OF GRADING, SCD;	NATIVE GRASS MIX, NO SUMMER IRRIGATION	SEED		405,273 SF

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

JOHN K. GIBBS — REGISTERED LANDSCAPE ARCHITECT — 4417 — RENEWAL 08-31-27 — STATE OF CALIFORNIA

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FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-210

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0286
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

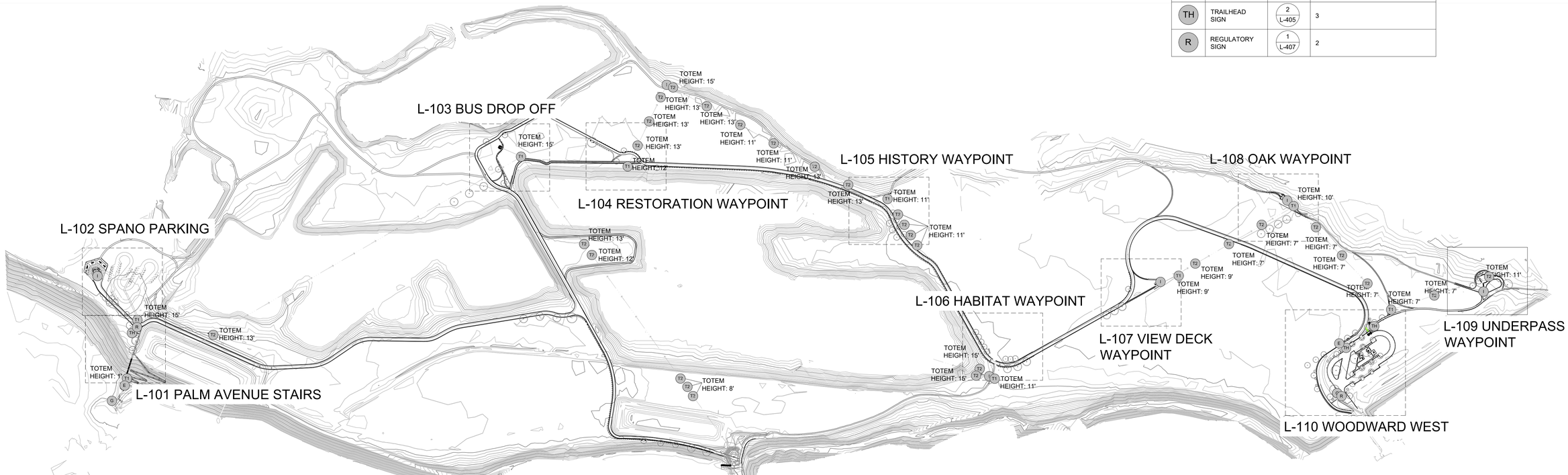
RIVER WEST EATON TRAIL EXT. PH 1
PLANTING PLAN WOODWARD

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 96
OF 133 SHEETS
15-E-14677

8/17/2026 12:11 PM N:\0000\FPP Eaton Trail\E-Documents\3-Construction Documents - BDS, CDES\Sheets\L-301 PLANTING PLAN_CDSE.dwg — Olivia Yousif Xu

SIGNAGE

	TYPE	DETAIL	QUANTITY
G	GATEWAY MONUMENT	3 / L-405	1
I	INTERPRETIVE MARKER	2 / L-407	6
T1	TOTEM SIGN TYPE A	1 / L-406	9
T2	TOTEM SIGN TYPE B	1 / L-406	29
E	ENTRANCE SIGN	1 / L-405	1
TH	TRAILHEAD SIGN	2 / L-405	3
R	REGULATORY SIGN	1 / L-407	2



0 300' 600'
SCALE: 1" = 300'

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

JOHN R. GYLES — REGISTERED LANDSCAPE ARCHITECT — 4417 — DATE — STATE OF CALIFORNIA

WRT

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GRADING PERMIT NUMBER: BG26-00092

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

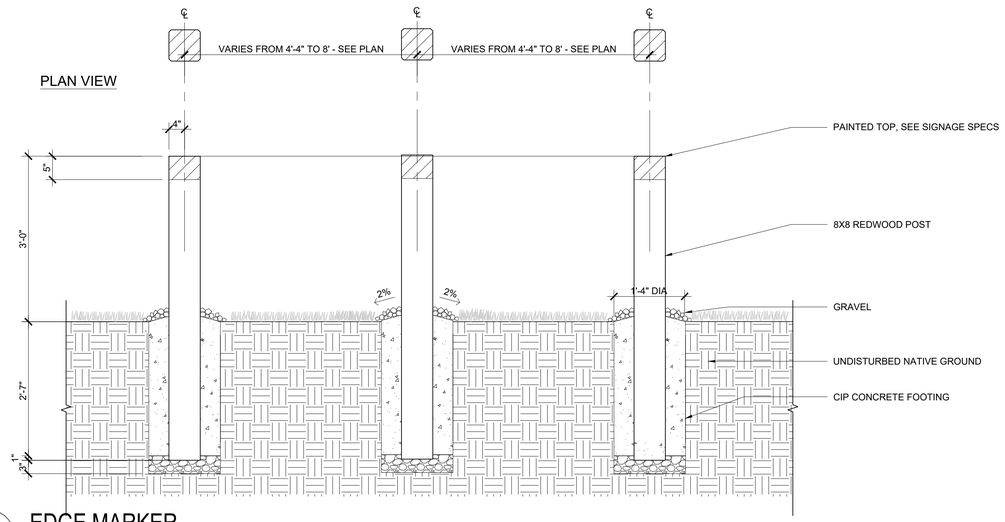
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
SIGNAGE PLAN

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: CK/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

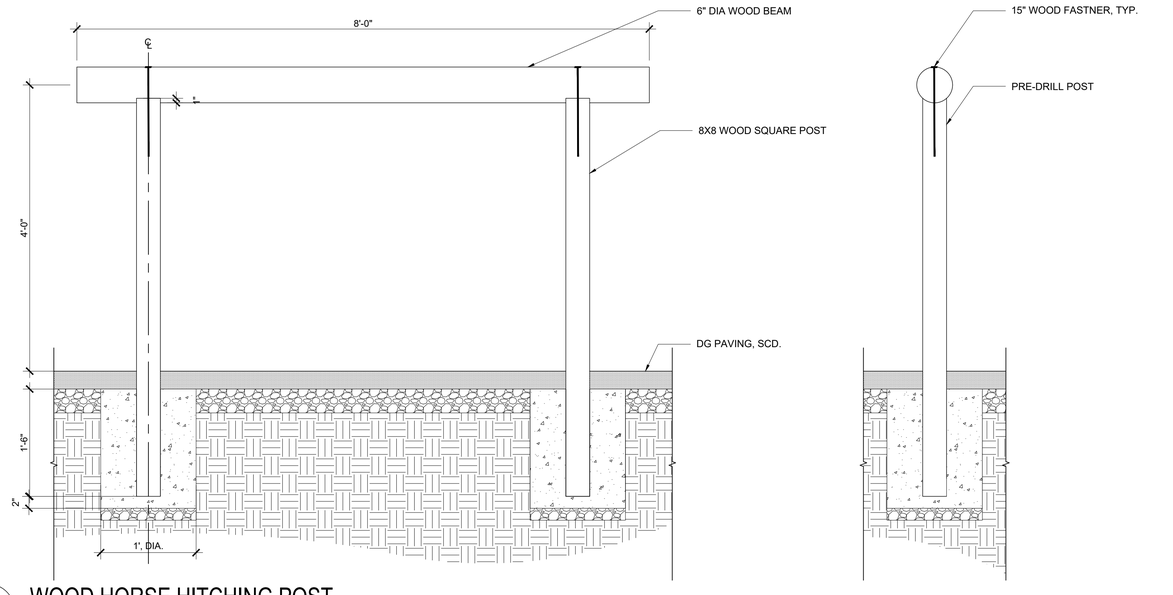
L-300
SHEET NO. 97
OF 133 SHEETS
15-E-14678

8/17/2026 12:10 PM M:\8000\8919 Eaton Trail\4-Documents\3-Construction Documentation - WRK CSWS\Sheets\L-300 SIGNAGE PLAN.dwg -Date Trust Xo



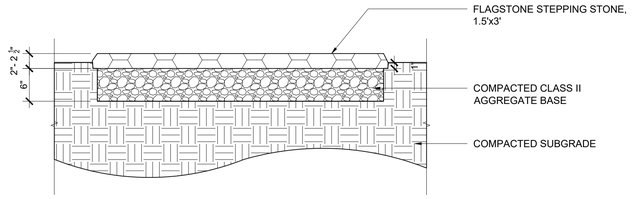
6 EDGE MARKER

SCALE: 3/4" = 1'-0"



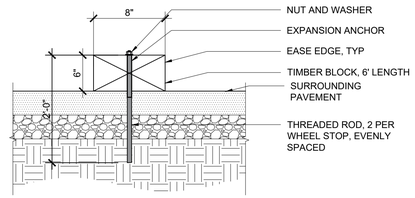
5 WOOD HORSE HITCHING POST

SCALE: 1" = 1'-0"



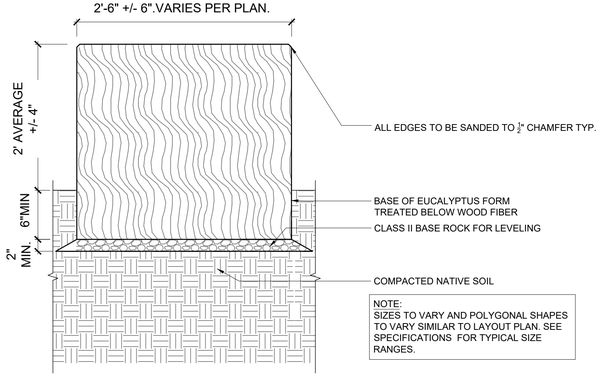
4 STEPPING STONES

SCALE: 1" = 1'-0"



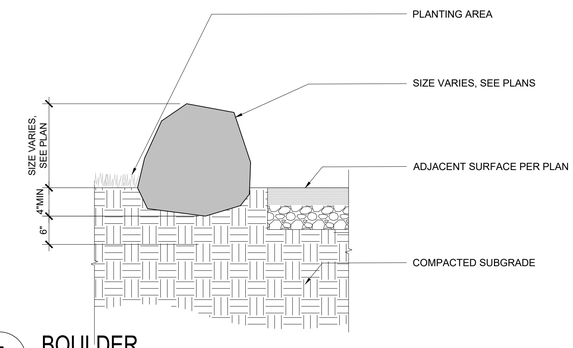
3 TIMBER WHEEL STOP

SCALE: 1" = 1'-0"



2 EUCALYPTUS TIMBER FORM

SCALE: 1" = 1'-0"



1 BOULDER

SCALE: 1" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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ISSUED FOR BIDDING

REGISTERED LANDSCAPE ARCHITECT — DIVIN R. REES — 4417 — SIGNATURE — DATE — STATE OF CALIFORNIA

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PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L-401

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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00085
FUND NO. 70006
ORG. NO. 180201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - CUSTOM ELEMENTS

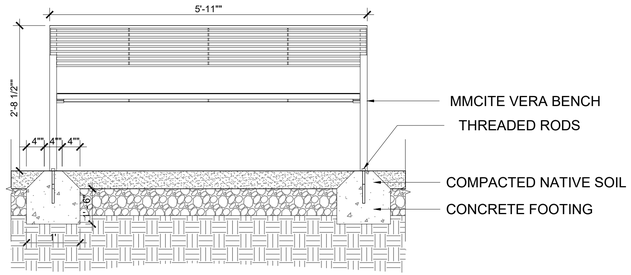
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

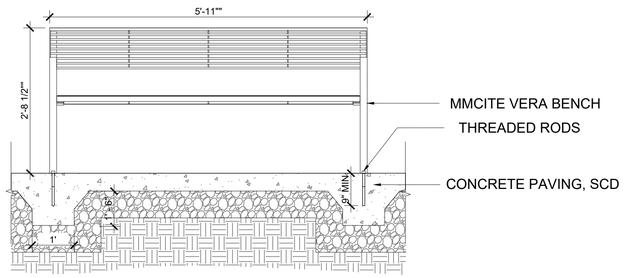
SHEET NO. 95
OF 133 SHEETS

15-E-14679

8/17/2026 12:10 PM N:\0500\0719 Eaton Trail\4-Documents\3-Construction Documents - BXE CORE\Sheets\L-401 DETAILS - CUSTOM ELEMENTS.dwg -- Olivia Youst Xu



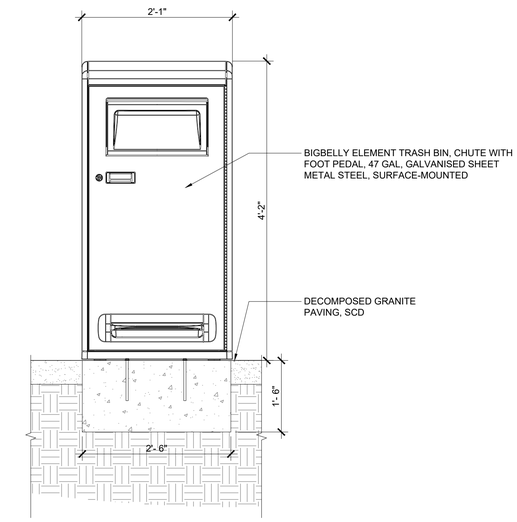
BENCH ON DECOMPOSED GRANITE

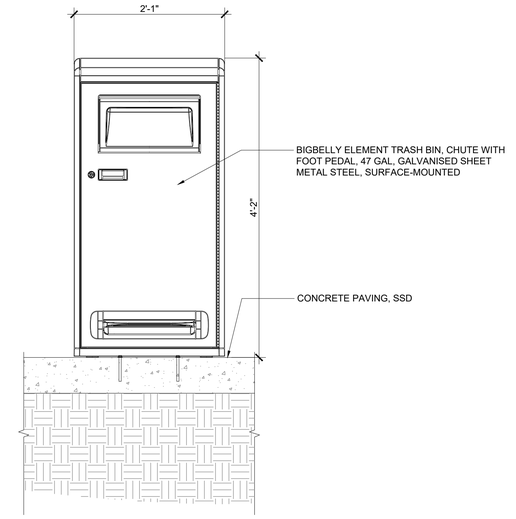


BENCH ON CONCRETE

3 METAL BENCH

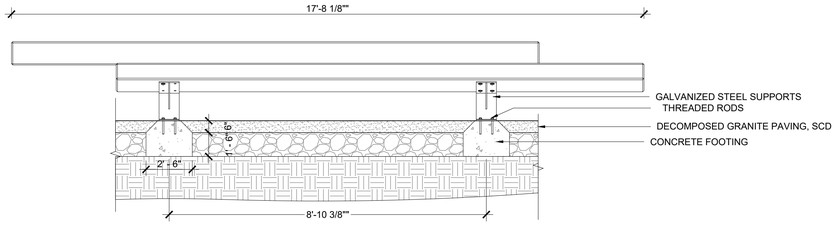
SCALE: 3/4" = 1'



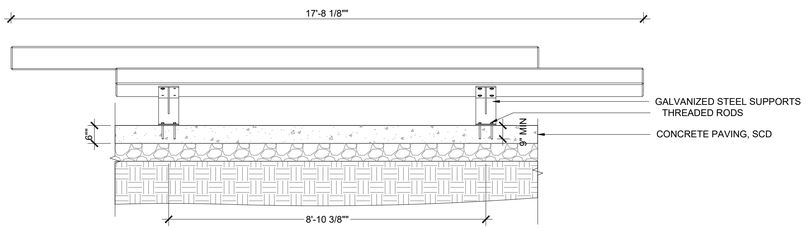


1 WASTE BIN

SCALE: 1" = 1'-0"



BENCH ON DECOMPOSED GRANITE



BENCH ON CONCRETE

2 CONCRETE BENCH

SCALE: 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

JOHN R. GIBBS — REGISTERED LANDSCAPE ARCHITECT — 4417 — REGISTERED — DATE — STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

L-402

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FRESNO, CALIFORNIA 93721
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PW. FILE NO. 13245
PROJ. ID. FMC0886
FUND NO. 22006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - FURNISHING

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 99
OF 133 SHEETS

15-E-14680

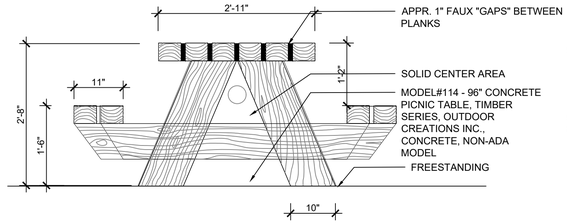
8/17/2026 12:13 PM N:\2000\2719 Eaton Trail\4-Construction Documents\3-Construction Documention - DOC CORE\Sheets\L-402 DETAILS - FURNISHING.dwg -Dirk Youd Xu

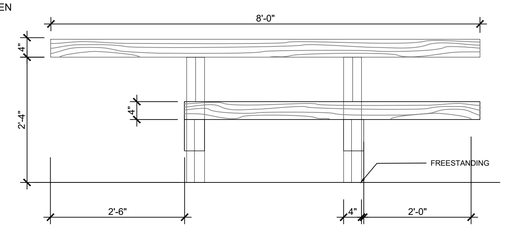
Know what's below. Call before you dig.

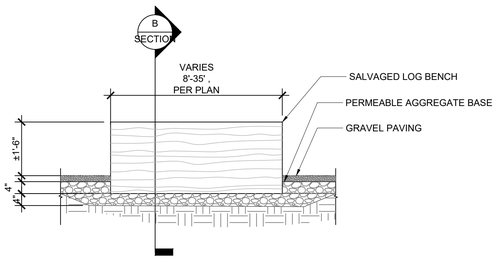
NOTE:

1. CONCRETE MIX DESIGN TO INCLUDE A MIXTURE OF PORTLAND CEMENT, WATER, COARSE AND FINE AGGREGATES, PURE MINERAL OXIDE COLORING AGENTS (WHEN APPLICABLE) TO YIELD A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.
2. FINAL PRODUCT SHALL BE REINFORCED WITH #4 AND #5 REBAR GRID.
3. PRODUCT IS CAST IN 1-PIECE WITH NO ASSEMBLY REQUIRED.
4. HAIRLINE CRACKS MAY DEVELOP OVER TIME. THESE ARE NOT STRUCTURAL FAILURES, BUT INHERENT CHARACTERISTICS OF THE MATERIAL ITSELF.
5. AIR POCKETS ARE A COMMON OCCURRENCE IN PRECAST PRODUCTS. THE FREQUENCY AND SIZE OF AIR POCKETS ARE VARIABLE AND TO BE EXPECTED, ESPECIALLY ON VERTICAL SURFACES.
6. CONCRETE CORNERS AND EDGES WILL CHIP IF NOT HANDLED ACC TO GUIDELINES. PATCH KITS ARE AVAILABLE BUT MAY OR MAY NO AND CAN BE VARIABLE.
7. THERE IS A LEVEL OF CARE AND MAINTENANCE ASSOCIATED WITH YOUR PRODUCT AND IS THE RESPONSIBILITY OF THE END USER. CHOOSING THE RIGHT SEALER CAN HELP MINIMIZE THOSE COSTS.

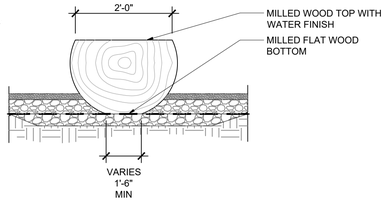
* TABLE CAST AS (1) PIECE. NO BOLTS, BRACKETS OR ASSEMBLY REQUIRED.





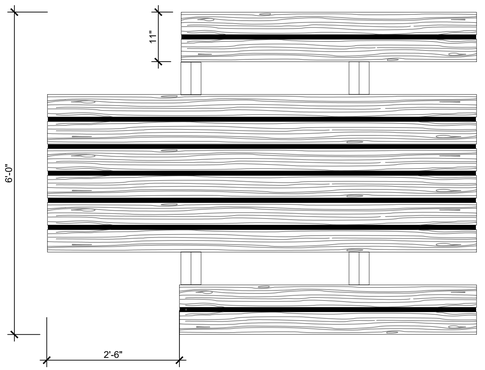


SECTION A

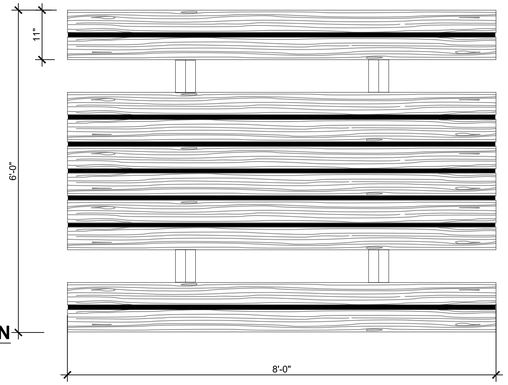


SECTION B

SECTION



ELEVATION



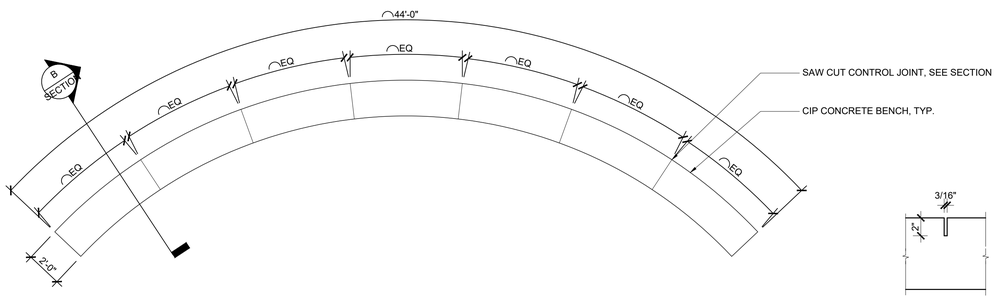
PLAN

2 SALVAGED LOG

SCALE: 1/2" = 1'-0"

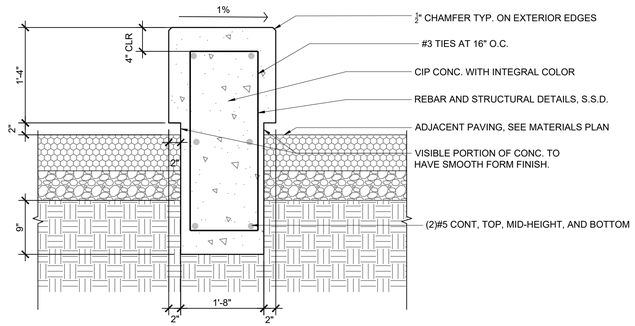
3 CONCRETE PICNIC TABLE AND CHAIRS - ADA & NON ADA

SCALE: 3/4" = 1'-0"



PLAN VIEW
SCALE: 1/4" =1'-0"

SECTION A. SAW-CUT CONTROL JOINT
SCALE: 2"=1'-0"



SECTION B
SCALE: 1"=1'-0"

1 CIRCULAR CONCRETE BENCH

SCALE: 1/4" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
ISSUED FOR BIDDING

RESTRICTED LANDSCAPE ARCHITECT — JOHN R. SIBBS — 4417 — SIGNATURE — DATE 11-07-25 — STATE OF CALIFORNIA

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www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 22056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - CUSTOMIZED BENCHES AND PICNIC TABLES

REVIEWED
OFFICE ENG._____ CITY ENG._____

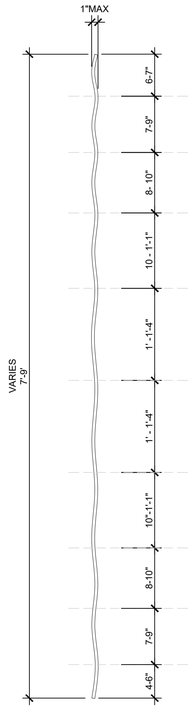
DR. BY: OX/EX
CH. BY: PT/JC
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 100
OF 133 SHEETS

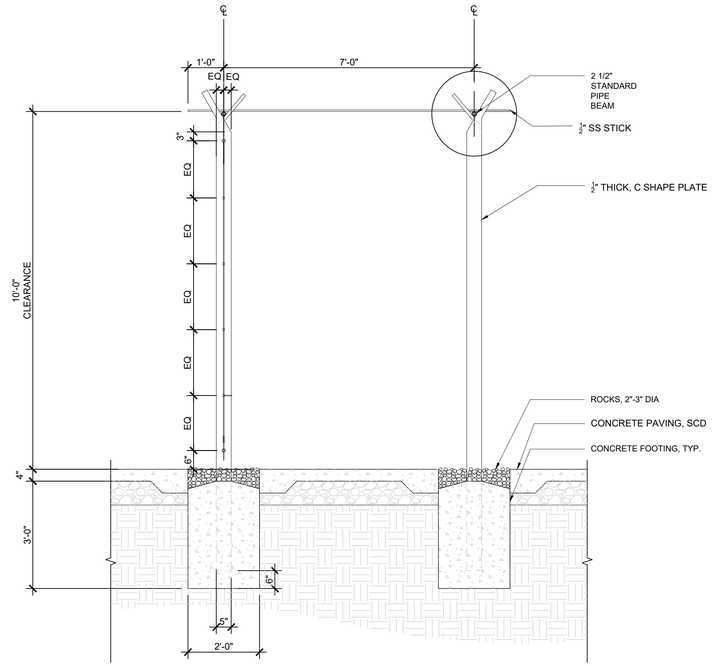
L-403

15-E-14681

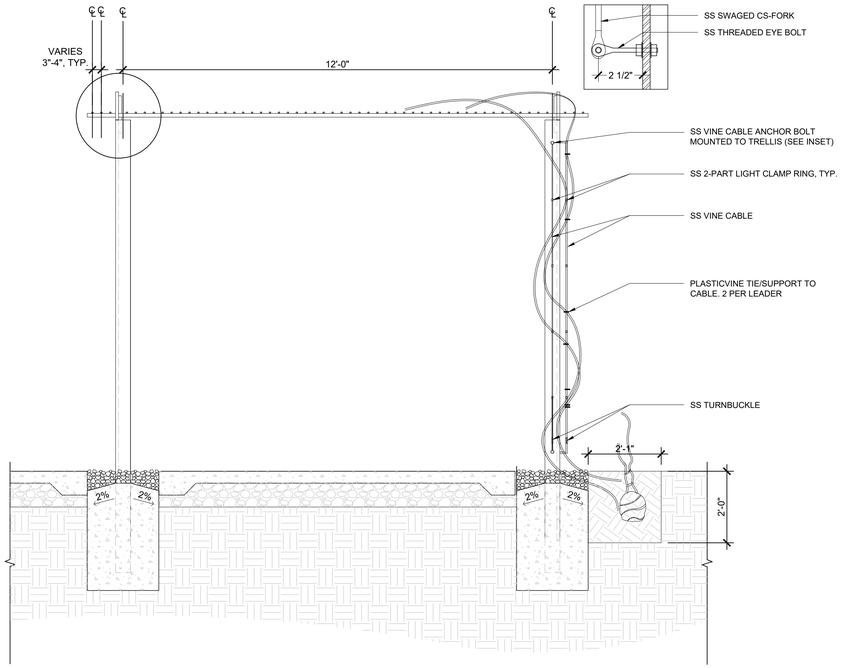
8/17/2026 12:11 PM N:\2003\P319 Eaton Trail\4-Documents\3-Construction Documents - 90% CDR\Sheets\L-403 DETAILS - CUSTOMIZED BENCHES.dwg - Olivia Yauf Xu



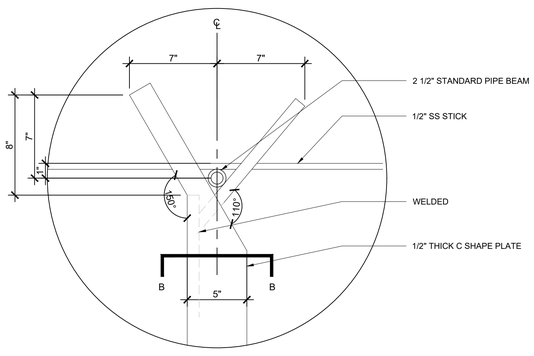
PIPE BEAM IS DESIGNED WITH (9) BENDS; DIMENSIONS OF BENDS VARY 2-4"



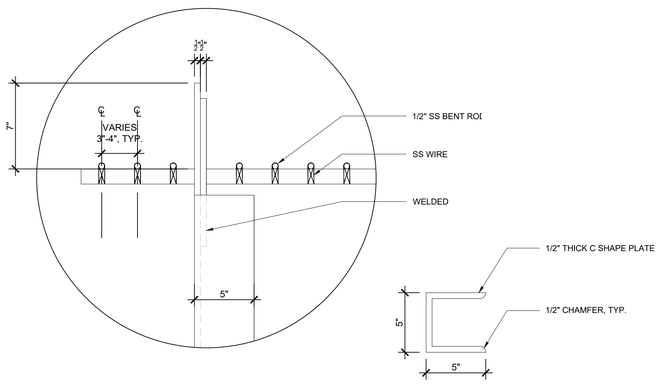
RIGHT SECTION



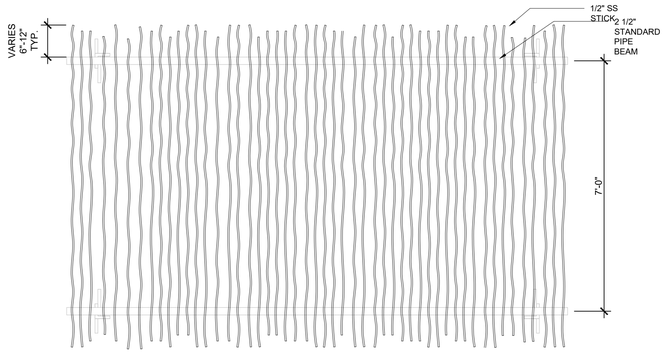
FRONT SECTION



POST TOP DETAIL - SECTION VIEW A
SCALE 2" = 1'-0"



SECTION VIEW B
SCALE 2" = 1'-0"



PLAN VIEW

NOTE:
1. SHADE STRUCTURE METAL AND FOOTINGS HAVE BEEN SIZED BY STRUCTURAL ENGINEER FOR THE PURPOSE OF BIDDING. CONTRACTOR TO HAVE FABRICATOR PROVIDE SHOP DRAWINGS FOR STRUCTURAL ENGINEER TO REVIEW / APPROVE PRIOR TO CONSTRUCTION.
2. ALL METAL TO BE POWDERCOATED RAL 1001
3. BEND ROD SS STICKS TO BE POWDERCOATED RAL 1011

1 STEEL SHADE STRUCTURE

SCALE: 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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REGISTERED LANDSCAPE ARCHITECT · JOHN R. CRIBBS · 4417 · SIGNATURE · DATE · STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

L-404

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PW. FILE NO. 13245
PROJ. ID. PWC0986
FUND NO. 22056
ORG NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - SHADE STRUCTURE

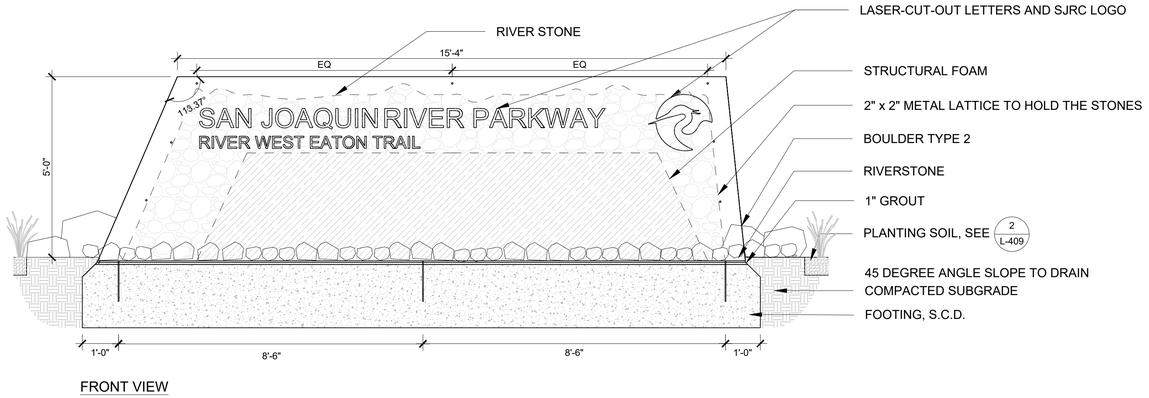
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JC
DATE: 08/11/2026
SCALE: AS NOTED

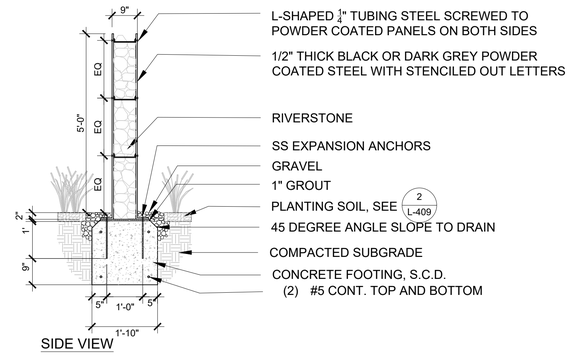
SHEET NO. 101
OF 133 SHEETS

15-E-14682

8/17/2026 12:11 PM N:\8500\8719 Eaton Trail\4-Documents\3-Construction Documents - 90% CDRE\Sheets\L-404 DETAILS - SHADE STRUCTURE.dwg - Chris Youd Xu



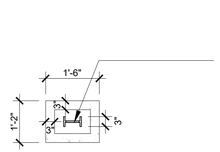
FRONT VIEW



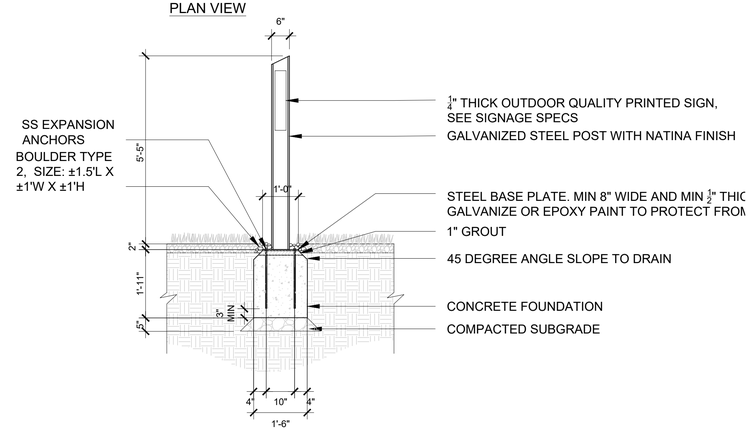
SIDE VIEW

3 GATEWAY MONUMENT

SCALE: 1/2" = 1'-0"



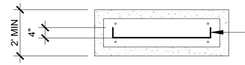
PLAN VIEW



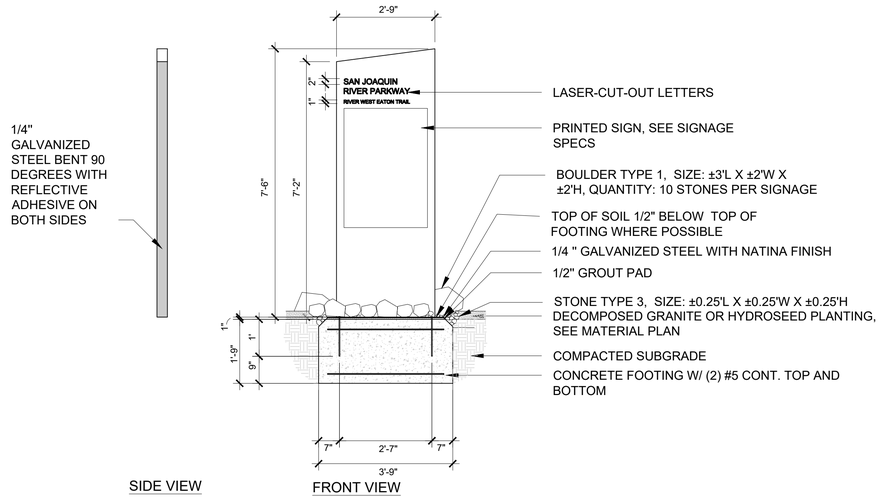
SIDE VIEW

2 TRAILHEAD SIGN

SCALE: 1/2" = 1'-0"



PLAN VIEW



SIDE VIEW

FRONT VIEW

1 ENTRANCE SIGN

SCALE: 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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PW. FILE NO. 13245
PROJ. ID. PW00089
FUND NO. 22056
ORG. NO. 18901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - WAYFINDING SIGNAGE FAMILY

REVIEWED
OFFICE ENG._____ CITY ENG._____

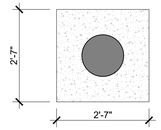
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 152
OF 133 SHEETS

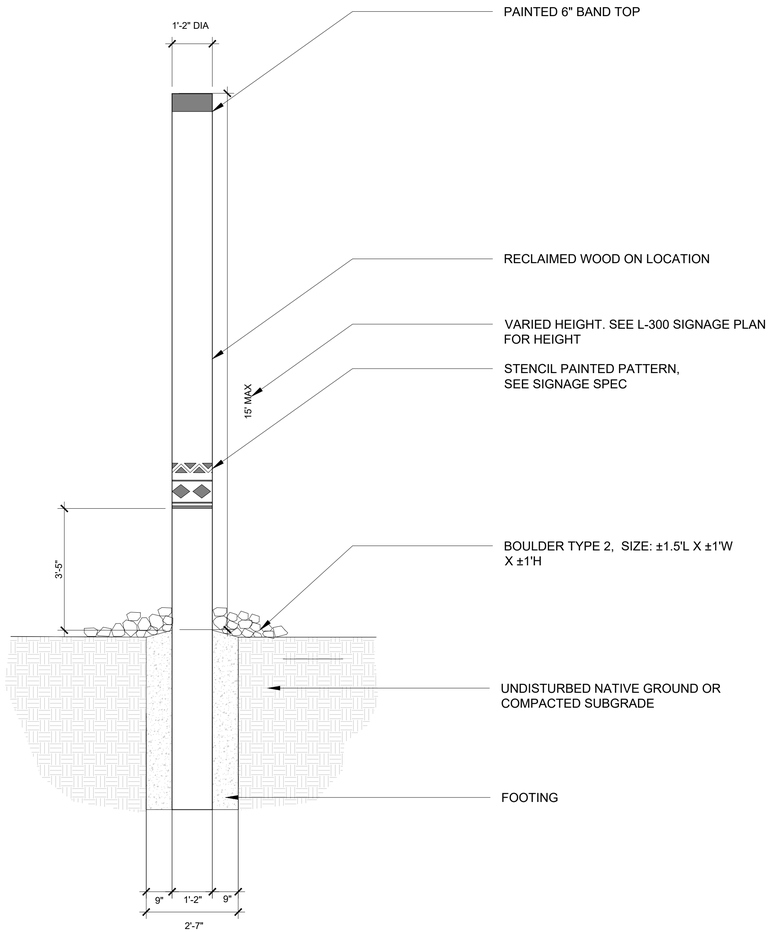
15-E-14683

L-405

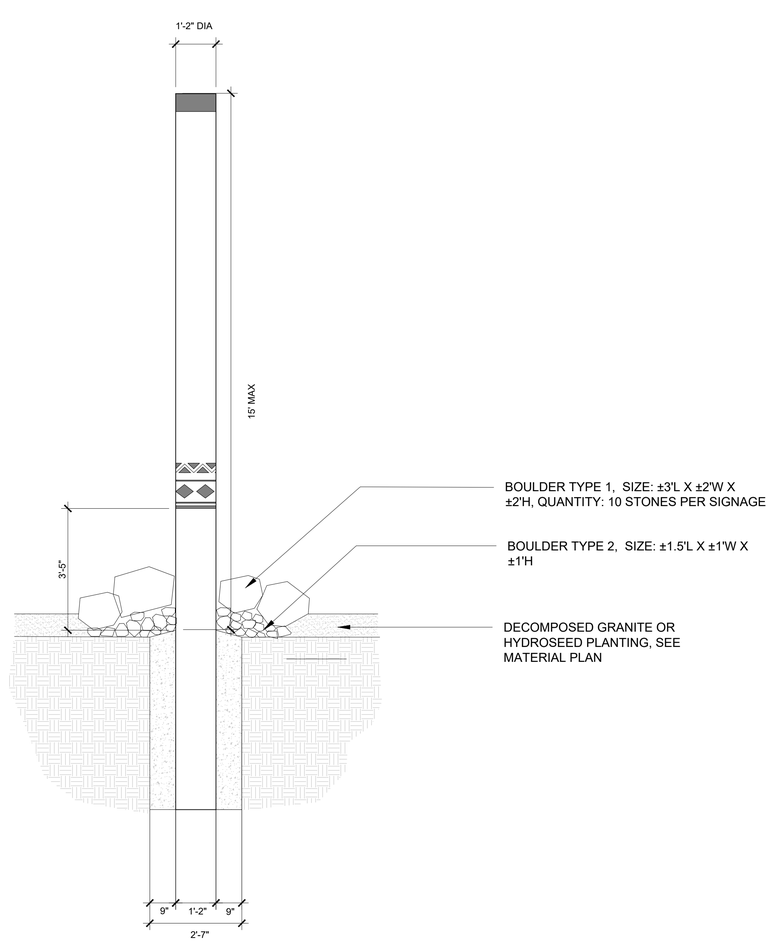
8/17/2026 10:12 PM N:\0500\0518 Eaton Trail\4-Documents\3-Construction Documents - 90% CORE\Sheets\L-405 DETAILS - WAYFINDING SIGNAGE FAMILY.dwg - Chris Yoder Xu



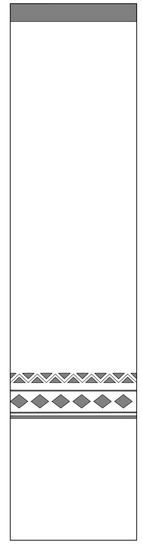
PLAN



TYPE A. TOTEM AT UNDISTURBED NATIVE GROUND



TYPE B. TOTEM WITH BOULDER AT DG OR PLANTING AREA



C. TOTEM STENCIL PAINTED PATTERN

1 TOTEM

SCALE: 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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PROJ. ID. PW00089
FUND NO. 22056
ORG. NO. 18901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

DETAILS - INTERPRETIVE SIGNAGE FAMILY

REVIEWED
OFFICE ENG._____ CITY ENG._____

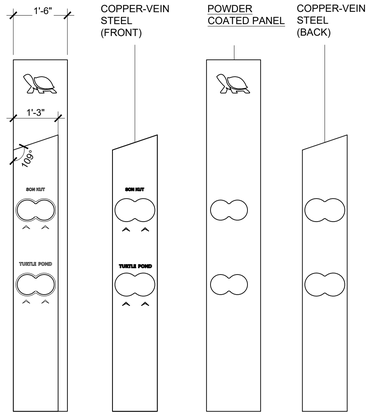
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 06/17/2026
SCALE: AS NOTED

SHEET NO. 153
OF 133 SHEETS

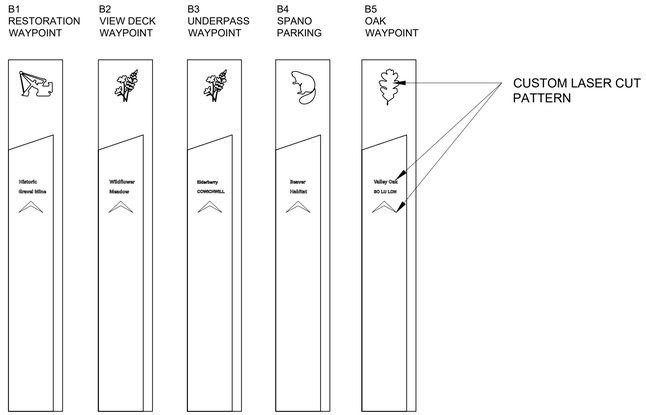
15-E-14684

L-406

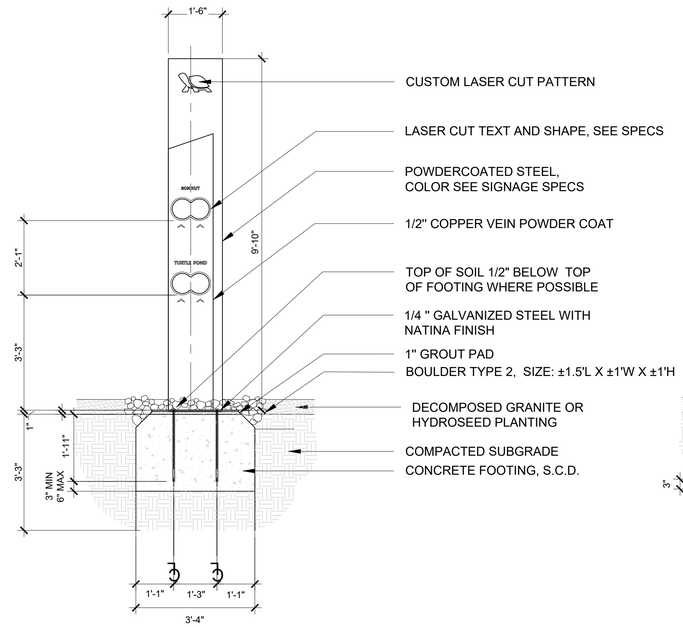
6/17/2026 10:12 PM N:\6500\6518 Eaton Trail\4-Documents\3-Construction Documents - 90% CORE\Sheets\L-406 DETAILS - INTERPRETIVE SIGNAGE FAMILY.dwg -DWG: Yinuo Xu



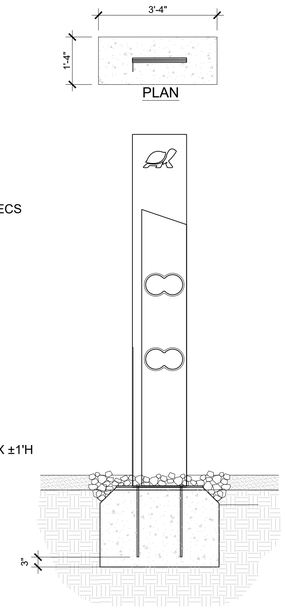
TYPE A. INTERPRETIVE MARKER WITH VIEWFRAME AT HABITAT WAYPOINT



TYPE B. INTERPRETIVE MARKER WITHOUT VIEWFRAME

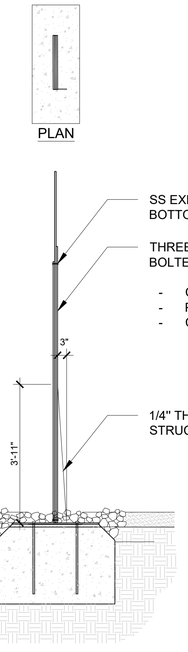


FRONT



PLAN

BACK

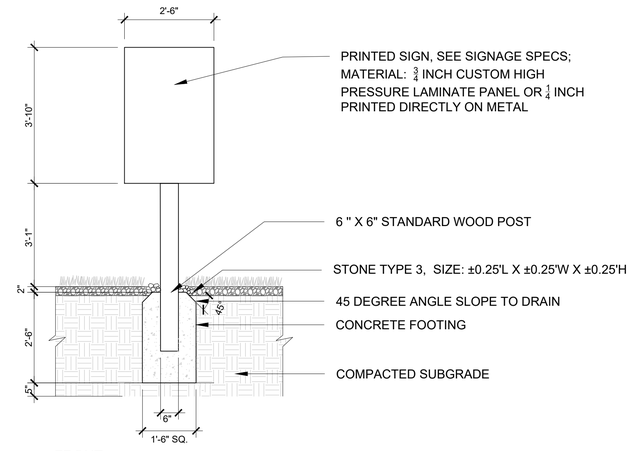


PLAN

LEFT SIDE

2 INTERPRETIVE MARKER

SCALE: 1/2" = 1'-0"



FRONT

1 REGULATORY SIGN

SCALE: 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT
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REGISTERED LANDSCAPE ARCHITECT · JOHN K. GIBBS · 4417 · SIGNATURE · DATE · STATE OF CALIFORNIA

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L-407

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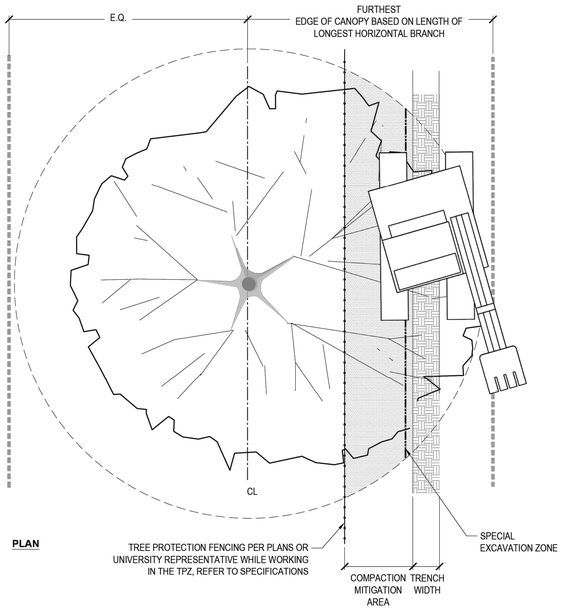
PROJ. ID. FW00096
FUND NO. 22056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
DETAILS - INTERPRETIVE AND REGULATORY SIGNAGE FAMILY

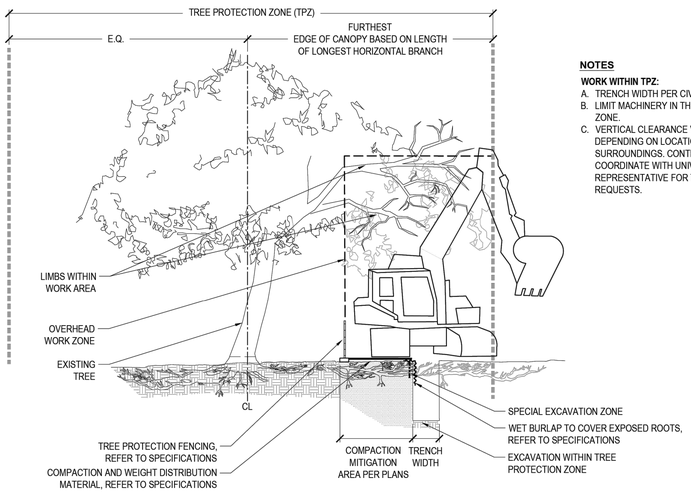
REVIEWED
OFFICE ENG.: _____ CITY ENG.: _____
DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 104
OF 133 SHEETS
15-E-14685

8/17/2026 12:11 PM N:\8000\8719 Eaton Trail\4-Documents\3-Construction Documents - 90% CDRS\Sheets\L-407 DETAILS - INTERPRETIVE AND REGULATORY SIGNAGE FAMILY.dwg -Olde Yosti Xu



PLAN

ELEVATION



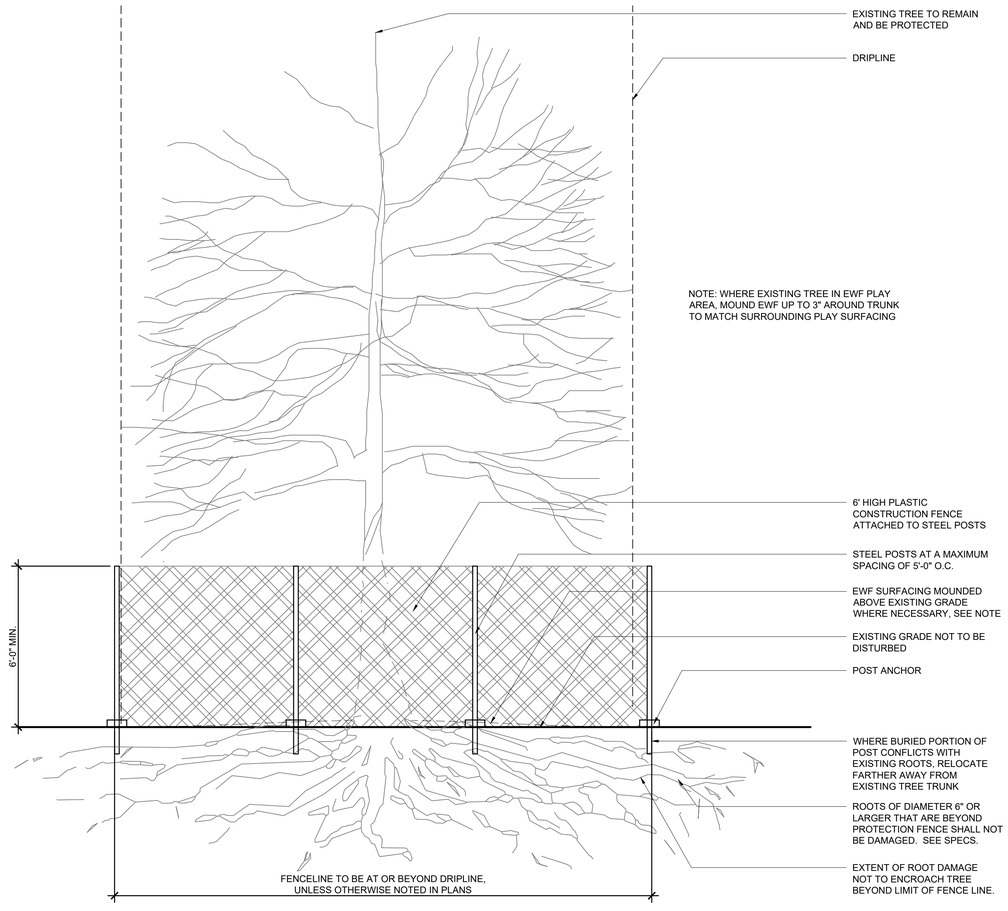
NOTES

WORK WITHIN TPZ:

A. TRENCH WIDTH PER CIVIL PLANS.
B. LIMIT MACHINERY IN THE TREE PROTECTION ZONE.
C. VERTICAL CLEARANCE VARIES AMONG TREES DEPENDING ON LOCATION AND IMMEDIATE SURROUNDINGS. CONTRACTOR TO COORDINATE WITH UNIVERSITY'S REPRESENTATIVE FOR TREE TRIMMING REQUESTS.

2 WORK WITHIN TREE PROTECTION ZONE

SCALE: AS SHOWN



NOTE: WHERE EXISTING TREE IN EWF PLAY AREA, MOUND EWF UP TO 3" AROUND TRUNK TO MATCH SURROUNDING PLAY SURFACING

1 TREE PROTECTION ZONE FENCE DETAIL

SCALE: 3/8" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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JOHN R. GIBBS
4417
SIGNATURE
DATE
STATE OF CALIFORNIA

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FUND NO. 29206
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

DETAILS - TREE PROTECTION

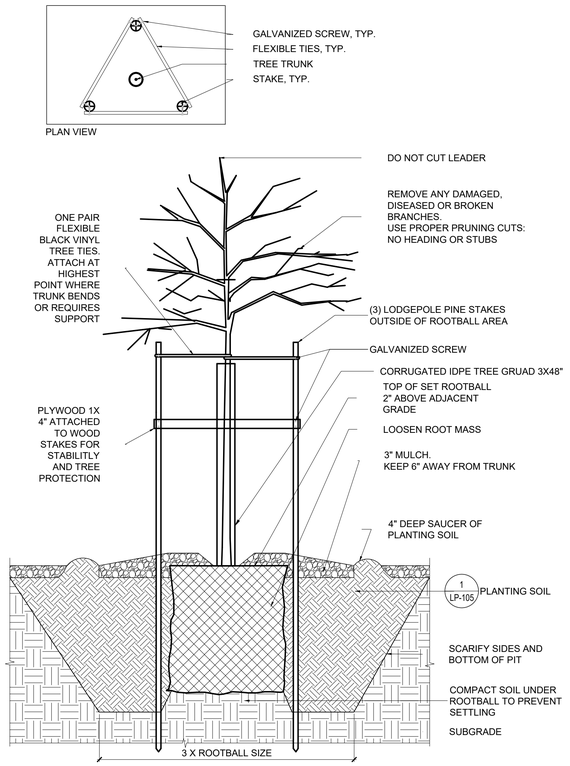
REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 105
OF 133 SHEETS

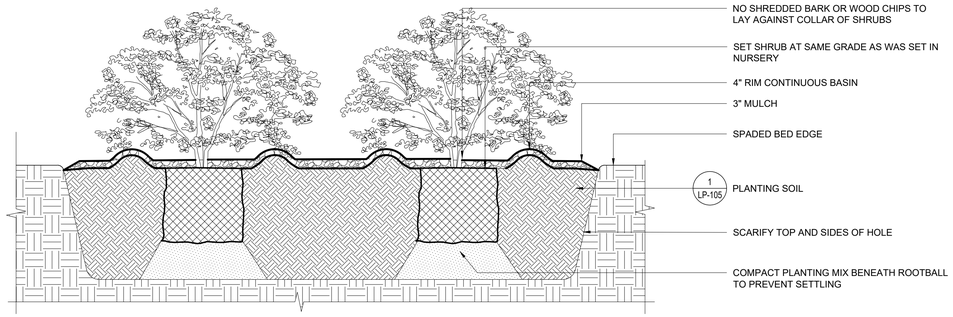
15-E-14686

8/17/2026 12:11 PM N:\0000\979 Eaton Trail\F-Documents\3-Construction Documentation - 90% CORE\Sheets\L-408 DETAILS - TREE PROTECTION.dwg - Dwg: Yazdi Xu



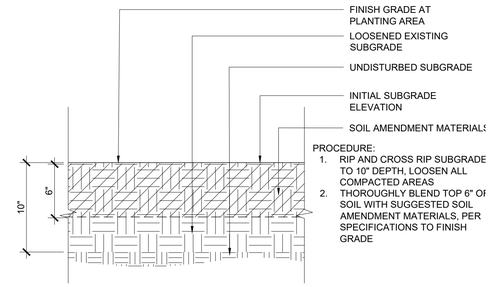
4 TREE PLANTING

SCALE: 1" = 1'-0"



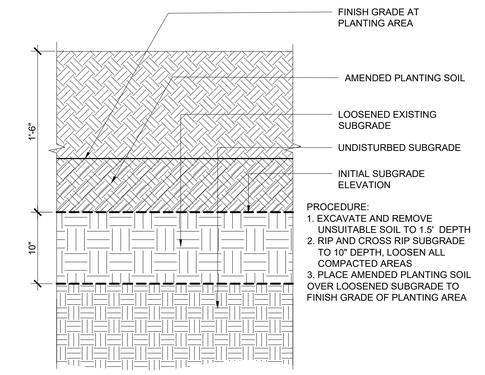
3 SHRUB PLANTING

SCALE: 1" = 1'-0"



2 SOIL PREPARATION SITE

SCALE: 1 1/2" = 1'-0"



1 SOIL PREPARATION LANDFILL AREA

SCALE: 1 1/2" = 1'-0"

No.	REVISION	BY	DATE
4			
3			
2			
1			

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PROJ. ID. PW00986
FUND NO. 22056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

DETAILS - PLANTING

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: OX/EX
CH. BY: PT/JG
DATE: 08/17/2026
SCALE: AS NOTED

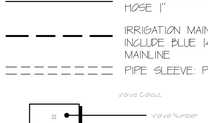
SHEET NO. 106
OF 133 SHEETS

15-E-14687

6/17/2026 12:11 PM N:\2000\2019 Eaton Trail\V-Documents\3-Construction Documentation - BDS CORE\Sheet\L-400 DETAILS - PLANTING.dwg - Olivia Yazzi Xu

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	BALL VALVE PVC WHITE BALL VALVE FOR SCH 40 AND SCH 80 PIPE.	12
	GATE VALVE 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4" BRASS GATE VALVE. THREADED BONNET, NON-RISING STEM, PRESSURE RATED TO 200 PSI. SAME SIZE AS MAINLINE.	8
MV	TORO 700-MASTER VALVE 2" 3/4IN-2IN. GLOBE RCV WITH FLOW CONTROL 5 YEAR WARRANTY OPTIONAL MODULAR PRESSURE REGULATION, DC LATCHING SOLENOID, AND RECYCLED WATER KIT	2
BF	FEBCO 825Y 2" REDUCED PRESSURE BACKFLOW PREVENTER INC R30 BLANKET	1
A	DIG CORPORATION LEIT 4004 FOUR STATION SOLAR CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
B	DIG CORPORATION LEIT 4004 FOUR STATION SOLAR CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
BD	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
HA	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
HW	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
OW	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
UW	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
VD	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
VP	DIG CORPORATION LEIT 4006 SIX STATIONS SOLAR POWERED CONTROLLER WITH LEIT KEY AND MOUNTING COLUMN	1
PA	TORO EGP-TW-SPED WITH EGP-ICENTRAL INCLUDE TW-LA-1 LIGHTENING ARRESTER (QTY AS NEEDED) TW-D-4 DECODERS AND TW-CAB-14 WIRE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	1
WW	TORO EGP-TW-SPED WITH EGP-ICENTRAL INCLUDE TW-LA-1 LIGHTENING ARRESTER (QTY AS NEEDED) TW-D-4 DECODERS AND TW-CAB-14 WIRE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	1
FS	TORO TFS 1" 1/2IN., 3/4IN., 1IN., 1-1/2IN., 2IN., 3IN., AND 4IN. PLASTIC TEE SIZES. EFFECTIVE FLOW MONITORING, EVEN IN FLOWS LESS THAN 5 GPM. COMPATIBLE WITH TORO AND COMPETITIVE CONTROLLERS. IMPELLER-BASED, PVC DESIGN.	2
PA	WATER METER 2" PALM AVENUE POC-2" WM	1
OW	POINT OF CONNECTION 2" OAK WAYPOINT POC-2" STUB OFF OF FIRELINE FOR OAK WAYPOINT	1
VW	POINT OF CONNECTION 2" VIEWDECK WAYPOINT POC-2" STUB OFF OF FIRELINE FOR VIEWDECK WAYPOINT	1
HW	POINT OF CONNECTION 2" HABITAT WAYPOINT POC-2" STUB OFF OF FIRELINE FOR HABITAT WAYPOINT AND HISTORIC WAYPOINT	1
UW1	POINT OF CONNECTION 2" UNDERPASS WAYPOINT POC-2" STUB OFF OF FIRELINE FOR UNDERPASS WAYPOINT	1
RV	POINT OF CONNECTION 2" RIVERVIEW POC-2" STUB OFF OF FIRE LINE FOR AREA A, B, BUSDROP OFF AND VIEWPOINT	1
WW2	POINT OF CONNECTION 2" WOODWARD POC-2" STUB OFF OF FIRE LINE FOR WOODWARD PARKING LOT	1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 3/4"	8,835 LF
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1"	324.4 LF
	IRRIGATION LATERAL LINE: TORO-BLUE STRIPE POLY HOSE 3/4"	14,253 LF
	IRRIGATION LATERAL LINE: TORO-BLUE STRIPE POLY HOSE 1"	20.4 LF
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2" INCLUDE BLUE 14G TRACER WIRE IN TRENCH WITH MAINLINE	7,938 LF
	PIPE SLEEVE: PVC SCHEDULE 40	848.1 LF



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	TORO 700DK-1-MF 1" ELECTRIC DRIP ZONE VALVE KIT: 1IN. 700 ULTRAFLOW INLINE VALVE WITH FLOW CONTROL, 150 MESH FILTER, MEDIUM FLOW REGULATOR & FITTINGS. INCLUDE LEIT 1600 HE ACTUATOR AND MODEL 30-914 SOLENOID ADAPTOR.	31
	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.	120
	TORO T-FCH-H-FIPT FLUSH VALVE, PLUMBED TO FLUSH MANIFOLD AT LOW POINT.	160
	TORO T-YD-500-3A 1/2IN. AIR VENT- MIPT AIR RELEASE AND VACUUM RELIEF VALVE. PLUMBED AT HIGH POINT IN SYSTEM	120
	DRIP EMITTER TORO NGE EMITTERS (SHRUBS) 2.1 GPH EACH, TWO PER SHRUB	1,774
	DRIP EMITTER-TORO NGE EMITTERS (TREES) 2.1 GPH EACH, 4 PER TREE	118

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT — Patricia Boyd — No. 6384 — JULY 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

PROVOST & PRITCHARD
www.provostandpritchard.com
455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

GRADING PERMIT NUMBER: BG26-00092

L500

DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0986
FUND NO. 22056
ORG. NO. 1809201
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION LEGEND

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/11/2026
SCALE: AS NOTED

SHEET NO. 107
OF 133 SHEETS

15-E-14688

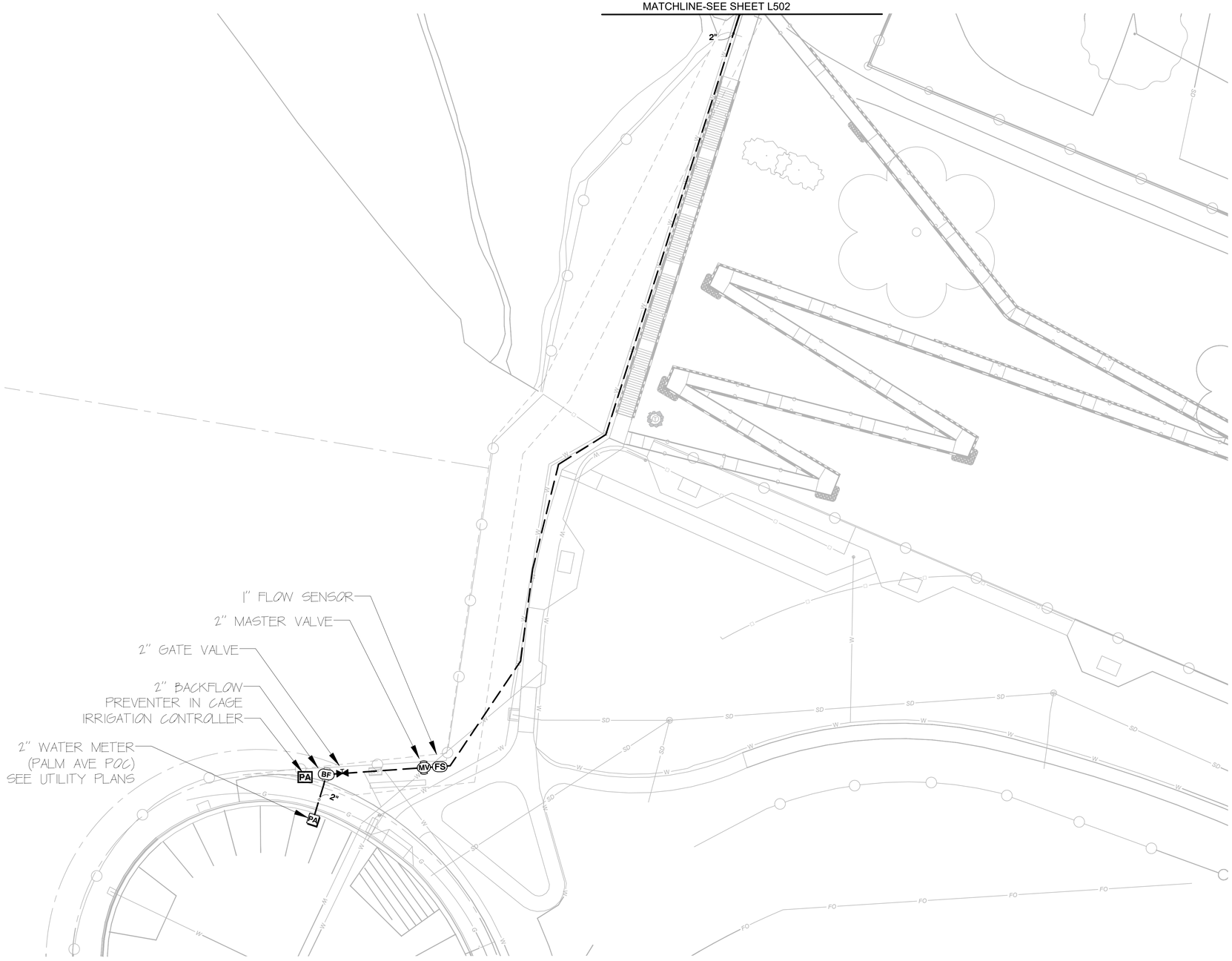
8/7/2026 6:11 PM C:\Users\vtorri\DL052 Projects\DL052 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\05-CAD\LSDT-PLANS\LSDT-L-LANDSCAPE PLANS.5.0.5.1.0-WORKING DRAWINGS\L500 IRRIGATION PLAN LEGEND.dwg Xrefs

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☐ CG ☐
DATE: _____

MATCHLINE-SEE SHEET L502

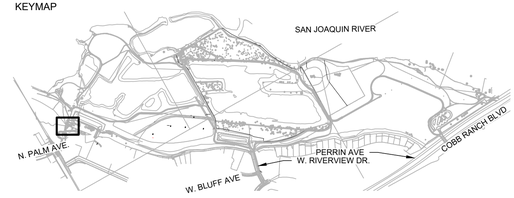


I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN.

PATRICK BOYD, LLA No. 4682 DATE:

N
0 20' 40'
SCALE: 1" = 20'

KEYMAP



No.	REVISION	BY	DATE
4			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT
PATRICK BOYD, No. 4682
JULY 31, 2027
RENEWAL DATE
MAY 8, 2026
DATE
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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455 W FIR AVENUE
CLOVIS, CA 93611
PH 559/449-2700
FAX 559/449-2715

DEPARTMENT OF PUBLIC WORKS
2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID ____PWD0986
FUND NO. ____22056
ORG. NO. ____189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS
RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
PALM AVE POC

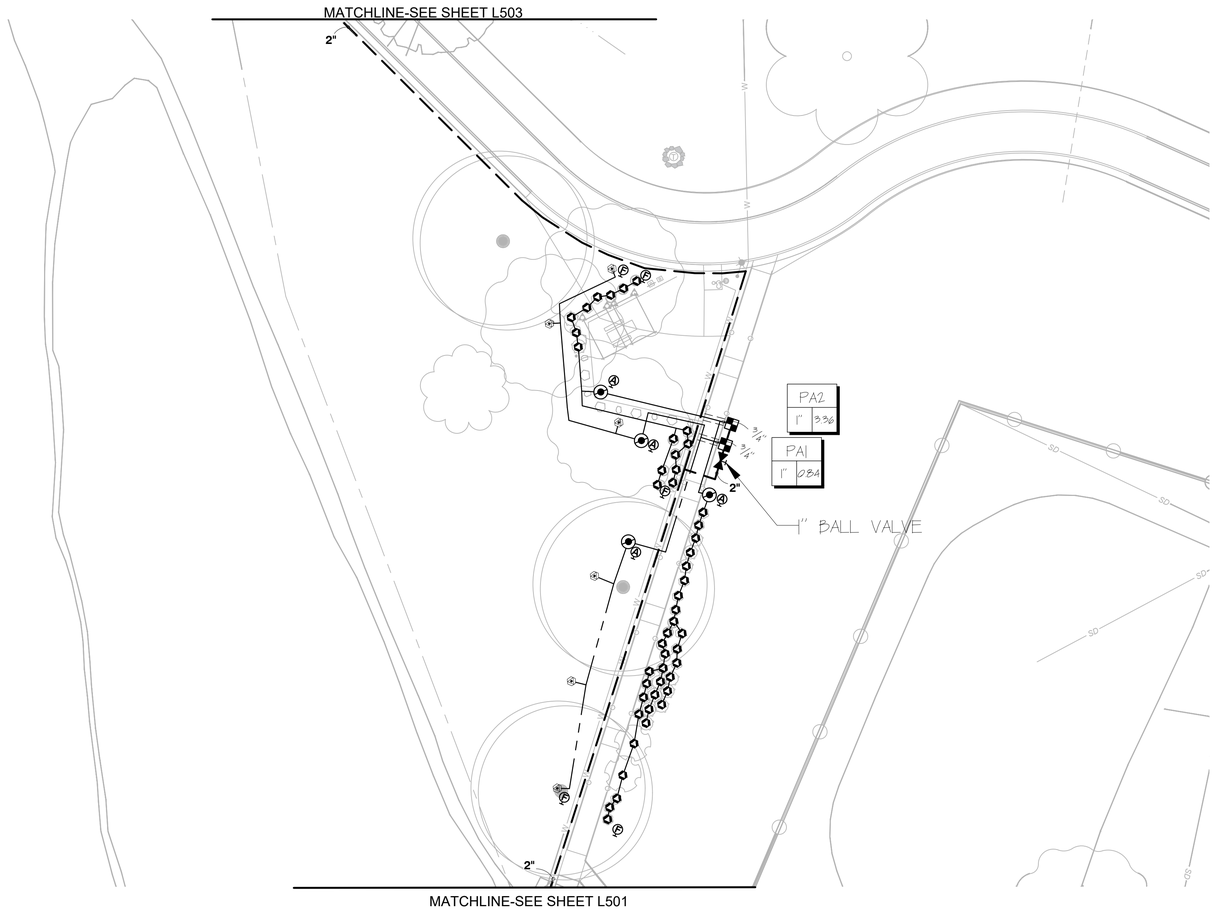
REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

L501
SHEET NO. 108
OF 133 SHEETS
15-F-XXXX

10/6/2026 9:37 AM Q:\Users\Kjoshi\Dv252 Dropbox\Dv252 Team Folder\PROJECTS\3004\X4-12-002 Eaton Trail West\105-CAD\3.01-PLANS\3.01.5-LANDSCAPE PLAN\3.01.5.1-IRRIGATION PLAN_CORE.dwg kjoshi

WARNING
POWER LINES OVERHEAD

811
Know what's below.
Call before you dig.



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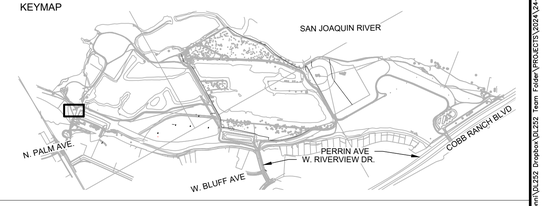

I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN.

PATRICK BOYD, LLA No. 4682 DATE:

N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 4682
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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FAX 559/449-2715

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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0956
FUND NO. 52056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
PALM AVE POC

REVIEWED:
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 109
OF 133 SHEETS

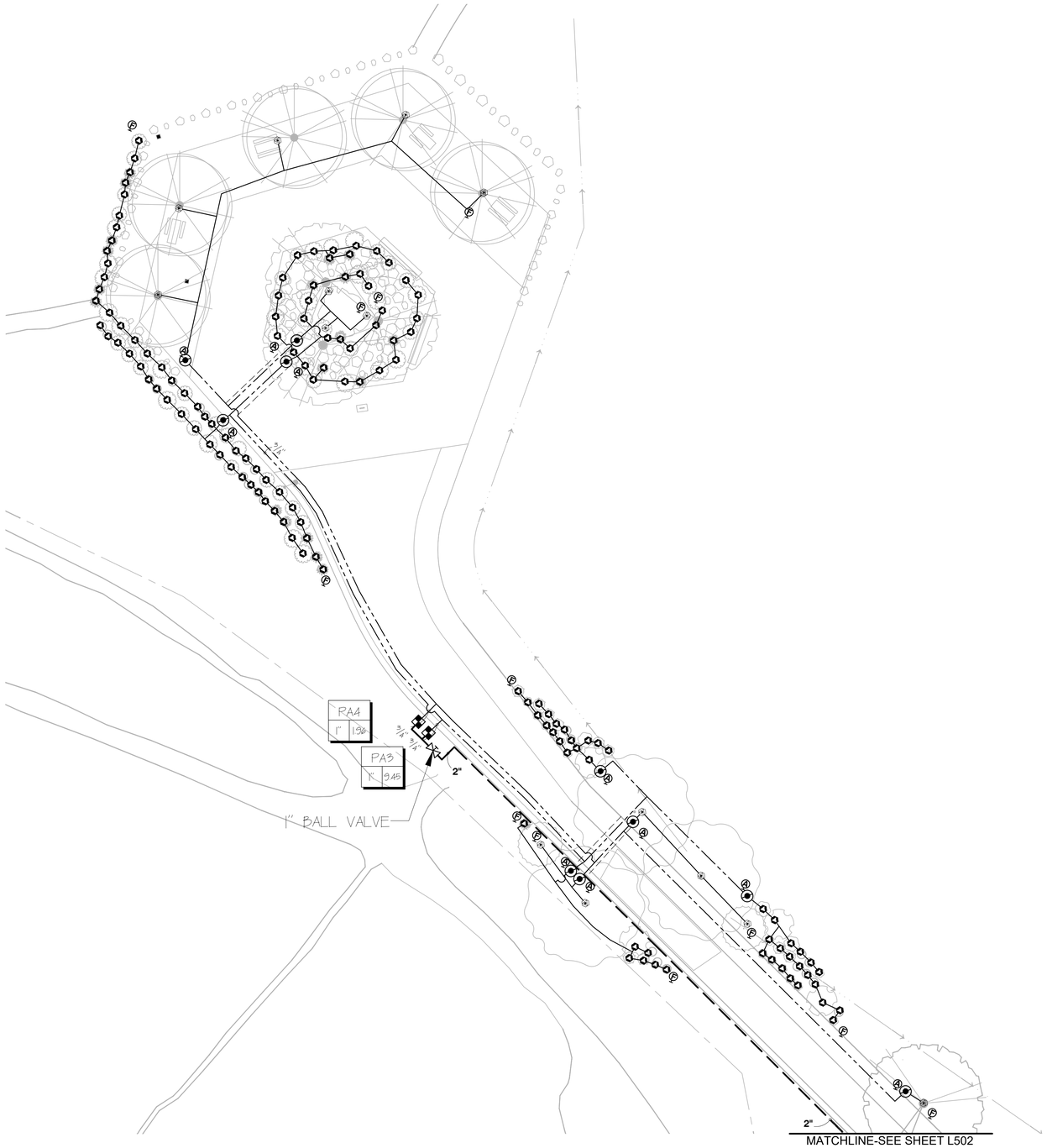
15-E-14690

L502

8/19/2026 8:11 PM C:\Users\Kevin\DL252 Dropbox\DL252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\DC-CAD\5.0\5.01-PLANS\5.01.5-ANGSCAPE PLANS\5.01.5-WORKING DRAWING\L500 IRRIGATION PLAN_OOR.dwg - Kevin

WARNING
POWER LINES OVERHEAD

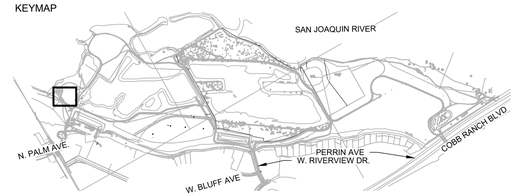
811
Know what's below.
Call before you dig.

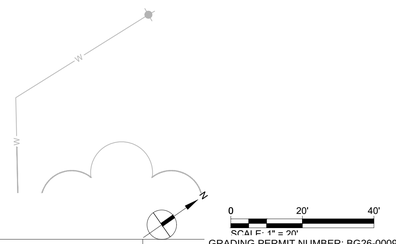


I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN.

PATRICK BOYD, LLA No. 4692 DATE:

KEYMAP





GRADING PERMIT NUMBER: BG26-00092

L503

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 4692
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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455 W FIR AVENUE
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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0856
FUND NO. 72056
ORG. NO. 18900
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
PALM AVE POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 110
OF 133 SHEETS

15-E-14691

8/19/2026 8:11 PM C:\Users\kjorn\DL252 Dropbox\DL252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLANS\5.01.5.D-WORKING DRAWING\L502 IRRIGATION PLAN_DOSE.dwg xAtorni

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.

MATCHLINE-SEE SHEET L505

A1
1" 07

1" BALL VALVE

3/4"

2"

A

4 STA SOLAR CONTROLLER

2"

RV

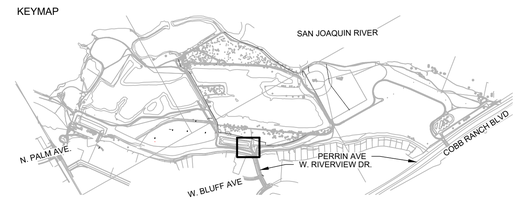
2" POC TO FIRE LINE (RIVERVIEW POC)

2" GATE VALVE

SD

W

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L504

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT — CHRISTIA Boyd, INC. EMP — CA 6431, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0856
FUND NO. 54056
ORG. NO. 189901
REF. & REV.

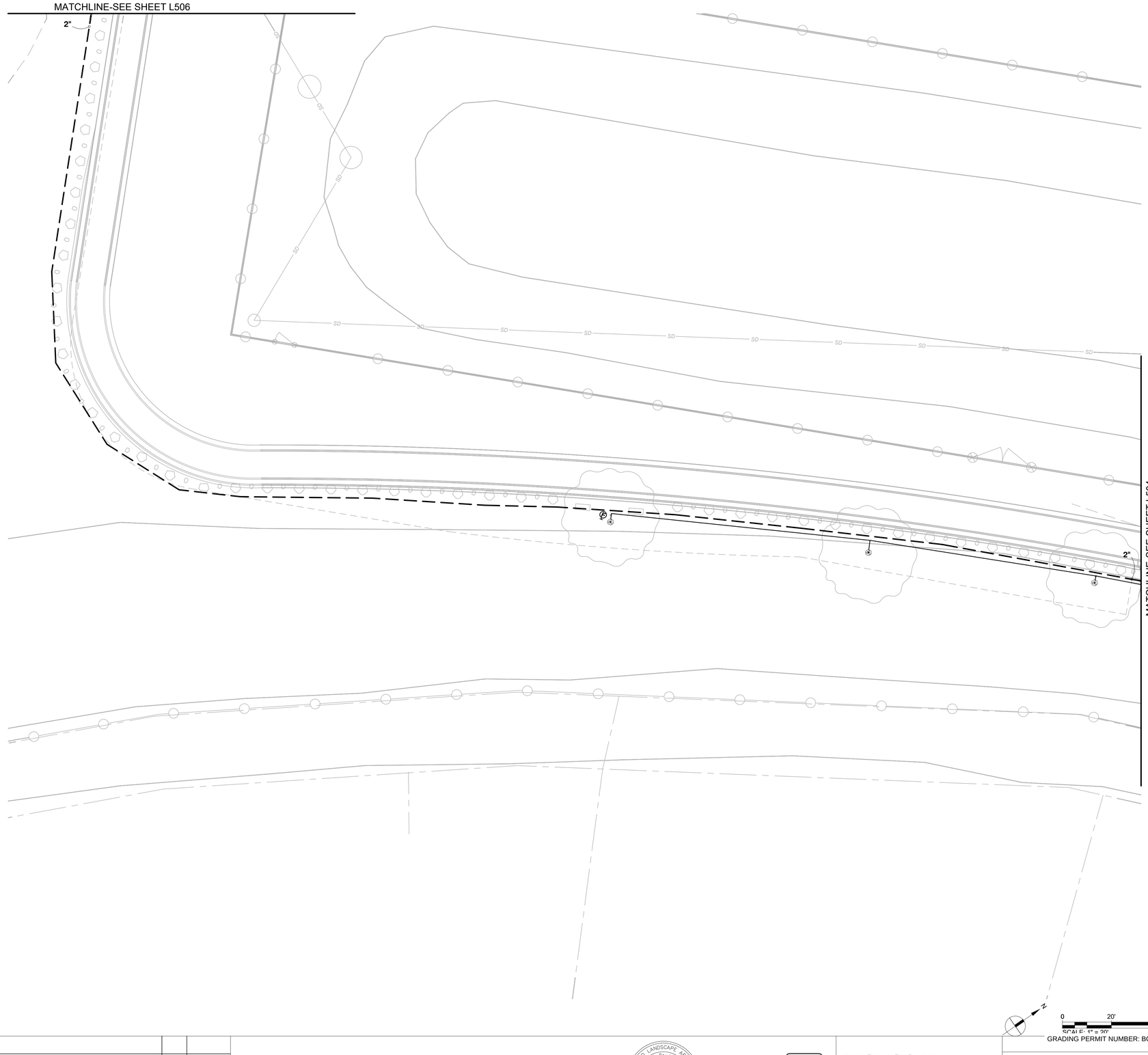
CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN RIVERVIEW POC

REVIEWED:
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 111
OF 133 SHEETS
15-E-14692

8/18/2026 8:11 PM G:\Users\Kevin\OneDrive\133 Eaton Trail West\05-CAD\SHEETS\PLANS\L501-L505\PSP PLANS\L501-L505PSP PLANS.dwg -Kevin



WARNING
POWER LINES OVERHEAD

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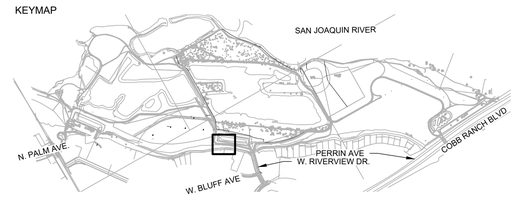
Know what's **below.**
Call before you dig.

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L505

No.	REVISION	BY	DATE
4			
3			
2			
1			

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LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 6340
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

des:gnlab 252
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Studio: 559.472.9966 Fax: 559.472.9969

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWO0956
FUND NO. 52056
ORG. NO. 1810101
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
RIVERVIEW POC

REVIEWED:
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 112
OF 133 SHEETS

15-E-14693

8/19/2026 6:11 PM C:\Users\Kevin\DL252 Dropbox\DL252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\02-CAD\5.01-PLANS\5.01.5-ANGSCAPE PLANS\5.01.5-WORKING DRAWING\5.01.5-IRRIGATION PLAN_CORE.dwg - Kevin

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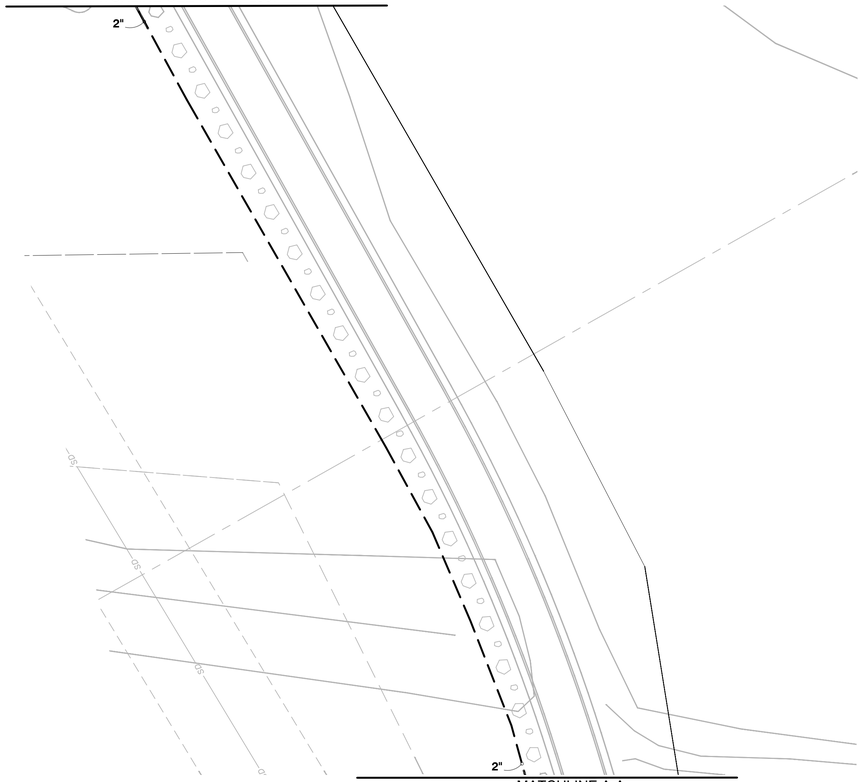

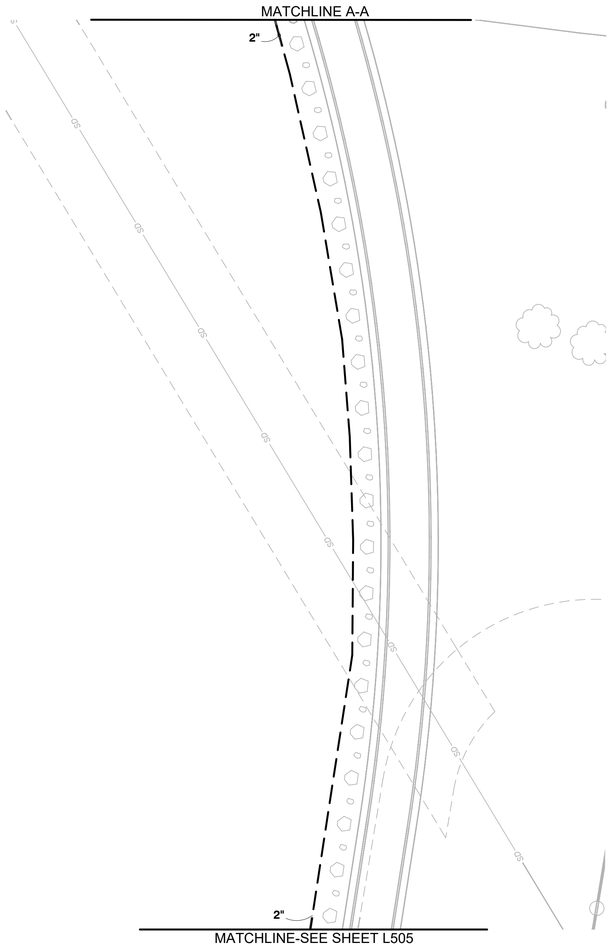

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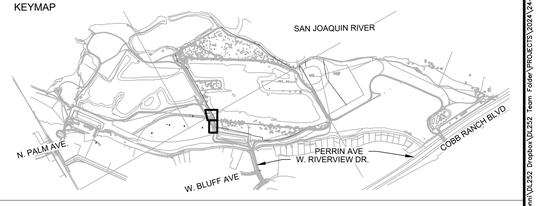

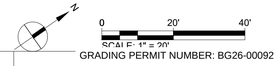

GRADING PERMIT NUMBER: BG26-00092

L506

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 6481
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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www.provostandpritchard.com
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FAX 559/449-2715

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD2856
FUND NO. 22056
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 113
OF 133 SHEETS

15-E-14694

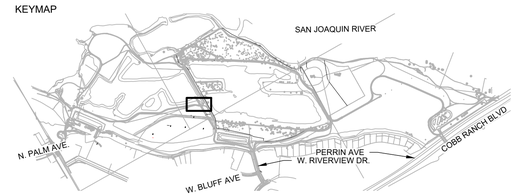
8/19/2026 8:11 PM C:\Users\Kevin\OneDrive - Provost & Pritchard Consulting Group\Desktop\D6252 Dropbox\D6252 From Folder\PROJECTS\2024\12-002 Eaton Trail West\05-CAD\LSH-PLANS\L507-LANDSCAPE PLAN\L507-L513-IRRIGATION PLAN_CORE.dwg -Kevin

WARNING
POWER LINES OVERHEAD

811
Know what's below.
Call before you dig.



KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
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100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 6496
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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CLOVIS, CA 93611
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FAX 559/449-2715

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID PWD0856
FUND NO. 72056
ORG. NO. 180901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

L507
SHEET NO. 114
OF 133 SHEETS

15-E-14695

8/19/2026 6:11 PM Q:\Users\Kevin\Dp252 Dropbox\Dp252 Team Folder\PROJECTS\2024\24-132-2002 Eaton Trail West\105-CAD\L50-PLANS\L50.01-LANDSCAPE PLAN\L50.01.1-WORKING FILE\IRRIG\L500 IRRIGATION PLAN_CODE.dwg 4.0pm

WARNING
POWER LINES OVERHEAD

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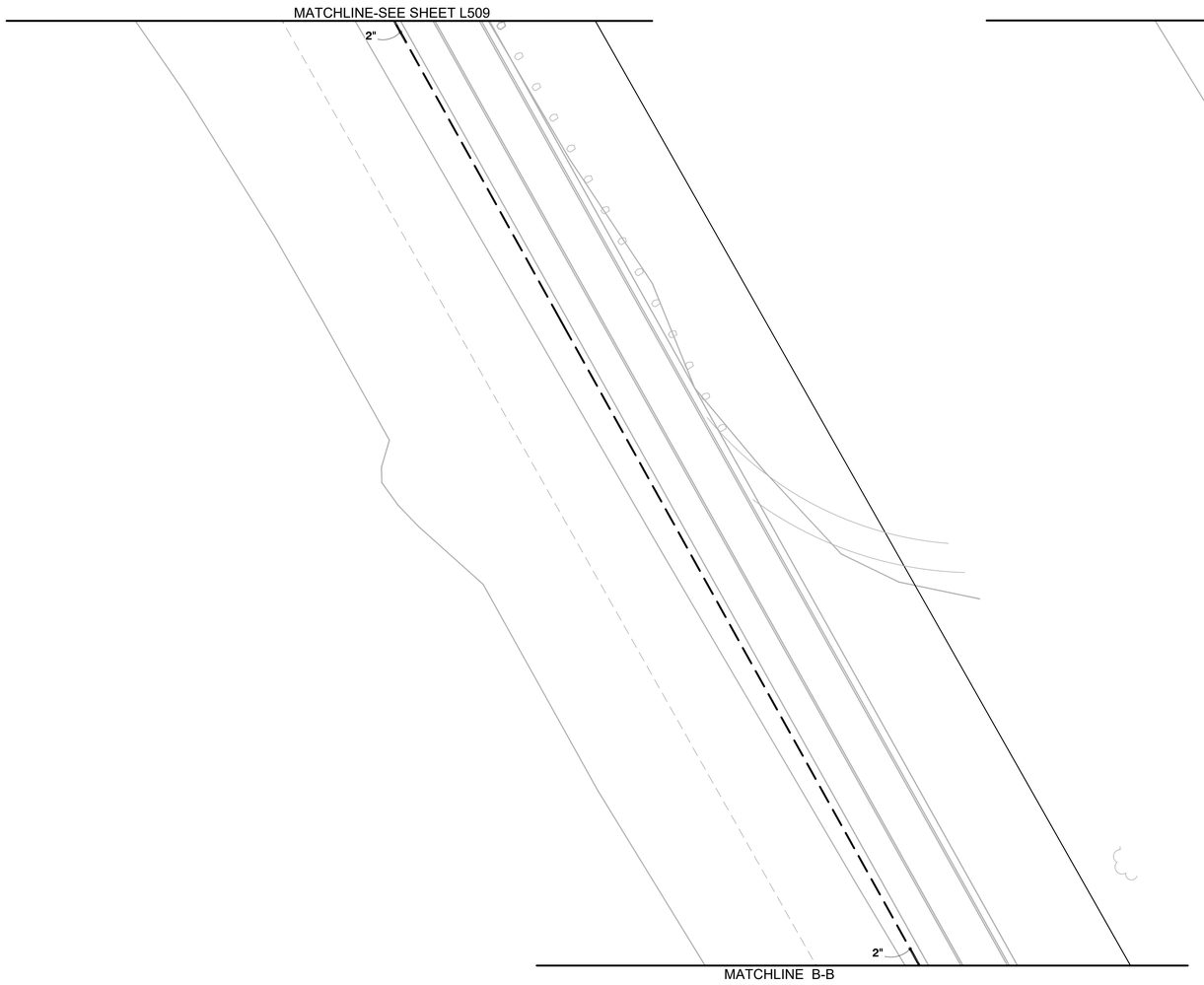
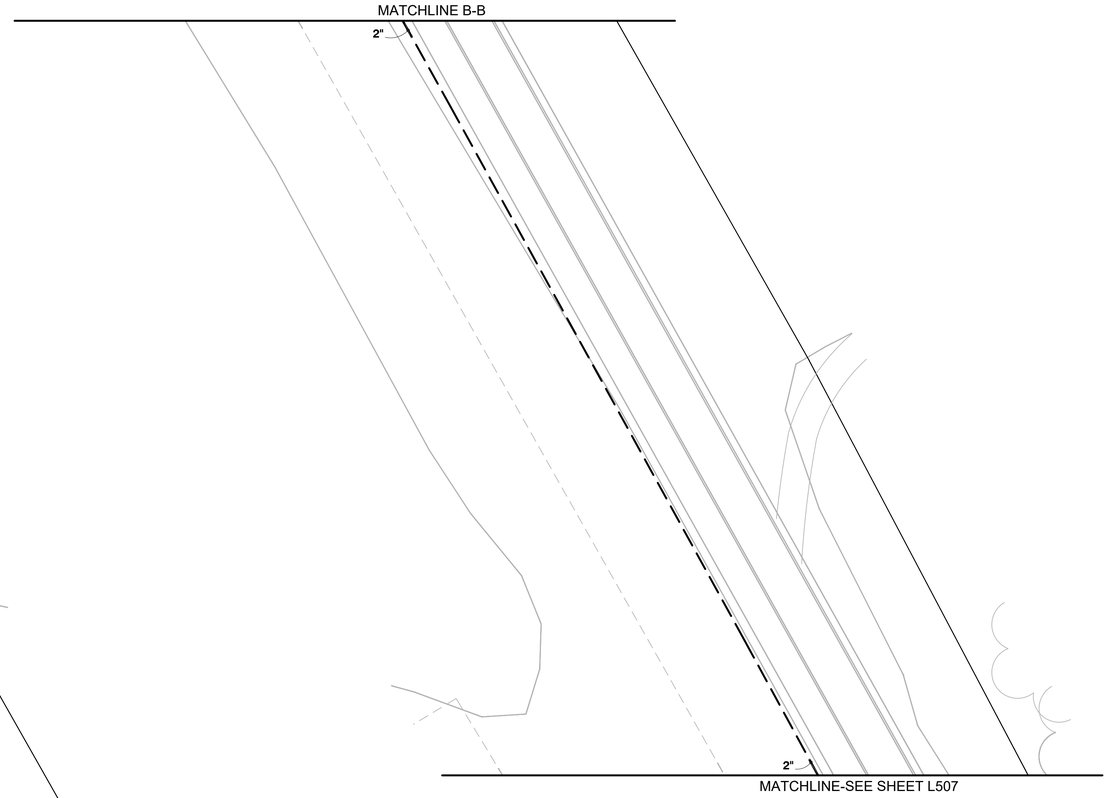
Know what's **below.**
Call before you dig.





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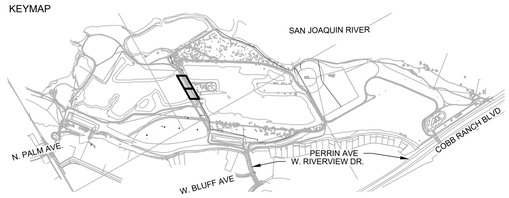

N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT
J. Patrick Boyd, No. 6138
JUNE 30, 2027
Renewal Date
MAY 8, 2026
Date
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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CLOVIS, CA 93611
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FAX 559/449-2715

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2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID ____ (WO/2956)
FUND NO. ____ (22056)
ORG. NO. ____ (189301)
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS
RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

L508
SHEET NO. 115
OF 133 SHEETS
15-E-14696

8/17/2026 6:11 PM C:\Users\Yoon\DL252 Dropbox\DL252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\05 - CAD\5.01-PLANS\5.01.5.1-LANDSCAPE PLANS\5.01.5.1c WORKING DRAWING\L500 IRRIGATION PLAN_OSE.dwg - tyoon

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.

MATCHLINE-SEE SHEET L510

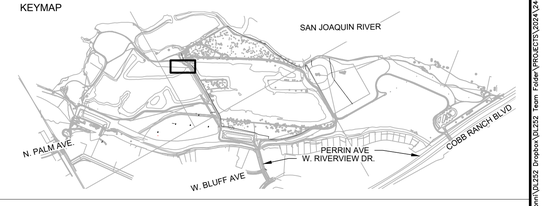
2"

2"

2"

MATCHLINE-SEE SHEET L508

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 6340
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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FAX 559/449-2715

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FRESNO, CALIFORNIA 93721
(559) 621-8650

L509

PW. FILE NO. 13245
PROJ. ID ____PWD0856____
FUND NO. ____42035____
ORG. NO. ____18707____
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
RIVERVIEW POC

REVIEWED:
OFFICE ENG.____ CITY ENG.____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 116
OF 133 SHEETS

15-E-14697

8/19/2026 8:11 PM C:\Users\Kevin\DL232 Dropbox\DL232 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\DC-CAD\5.0\1.0-5-ANGSCAPE PLANS\5.01.5-WORKING DRAWING\L500 IRRIGATION PLAN_OOSE.dwg - Kevin

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.

BD2
1" 098

BD1
1" 106

1" BALL VALVE

BD

6 STA SOLAR CONTROLLER

2"

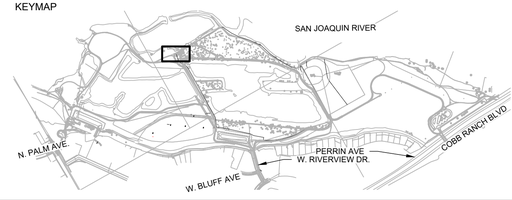
2"

2"

MATCHLINE-SEE SHEET L511

MATCHLINE-SEE SHEET L509

KEYMAP



0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 6496
EXP. 01. 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
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FAX 559/449-2715

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWD0856
FUND NO. 72056
ORG. NO. 180901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG._____ CITY ENG._____

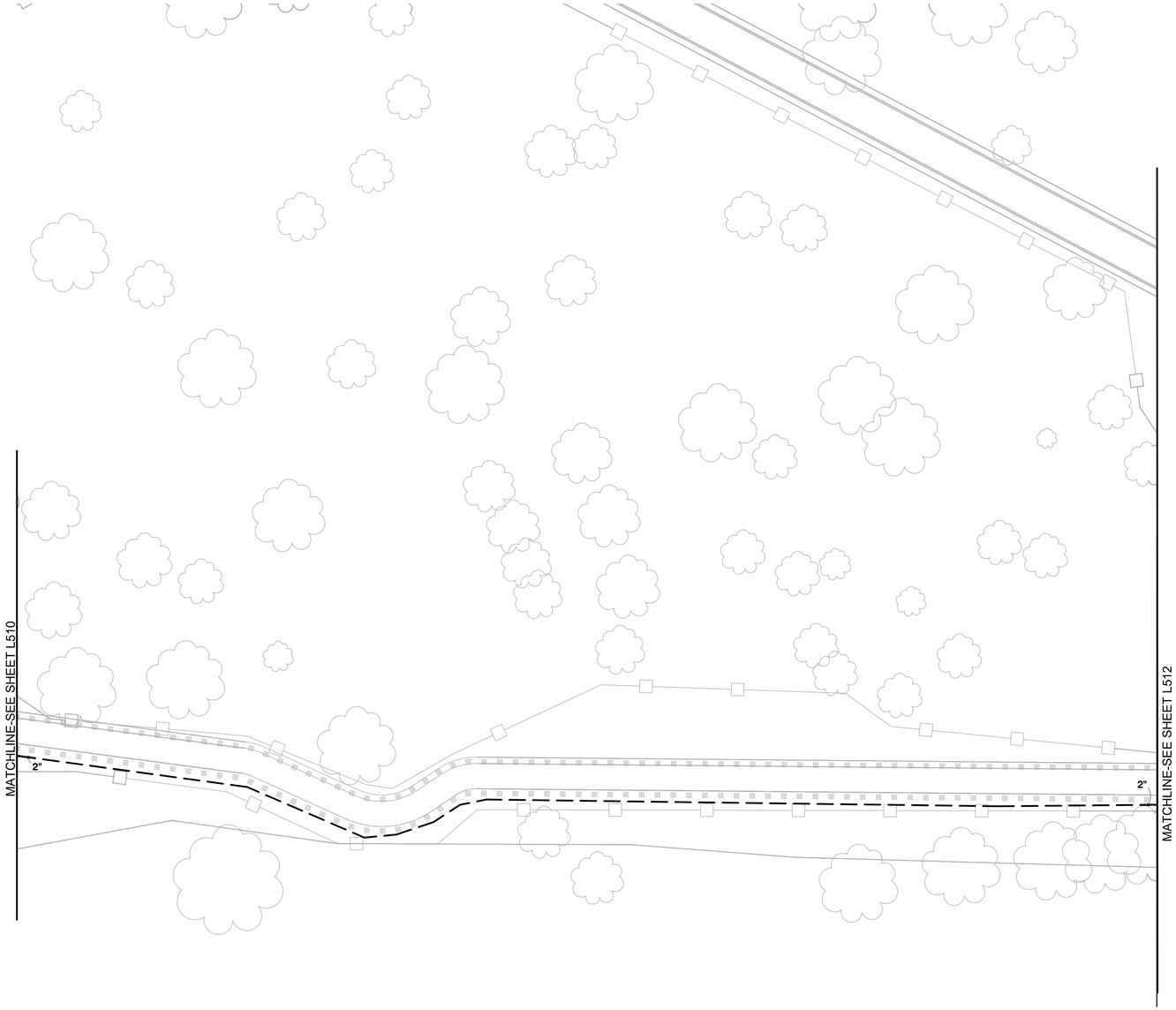
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 117
OF 133 SHEETS

15-E-14698

L510

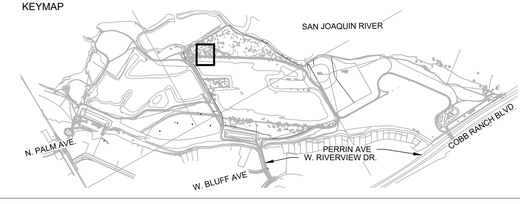
8/19/2026 6:11 PM G:\Users\Kevin\Dk252 Dropbox\Dk252 Team Folder\PROJECTS\2024\24-02 Eaton Trail West\05-CAD\L510-PLANS\L510-01-LANDSCAPE PLAN\L510 8.1.0= WORKING DRAWING\L500 IRRIGATION PLAN_CODE.dwg - Kevin



WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L511

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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Studio: 559.472.9966 Fax: 559.472.9969

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWO7886
FUND NO. 22056
ORG. NO. 189301
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

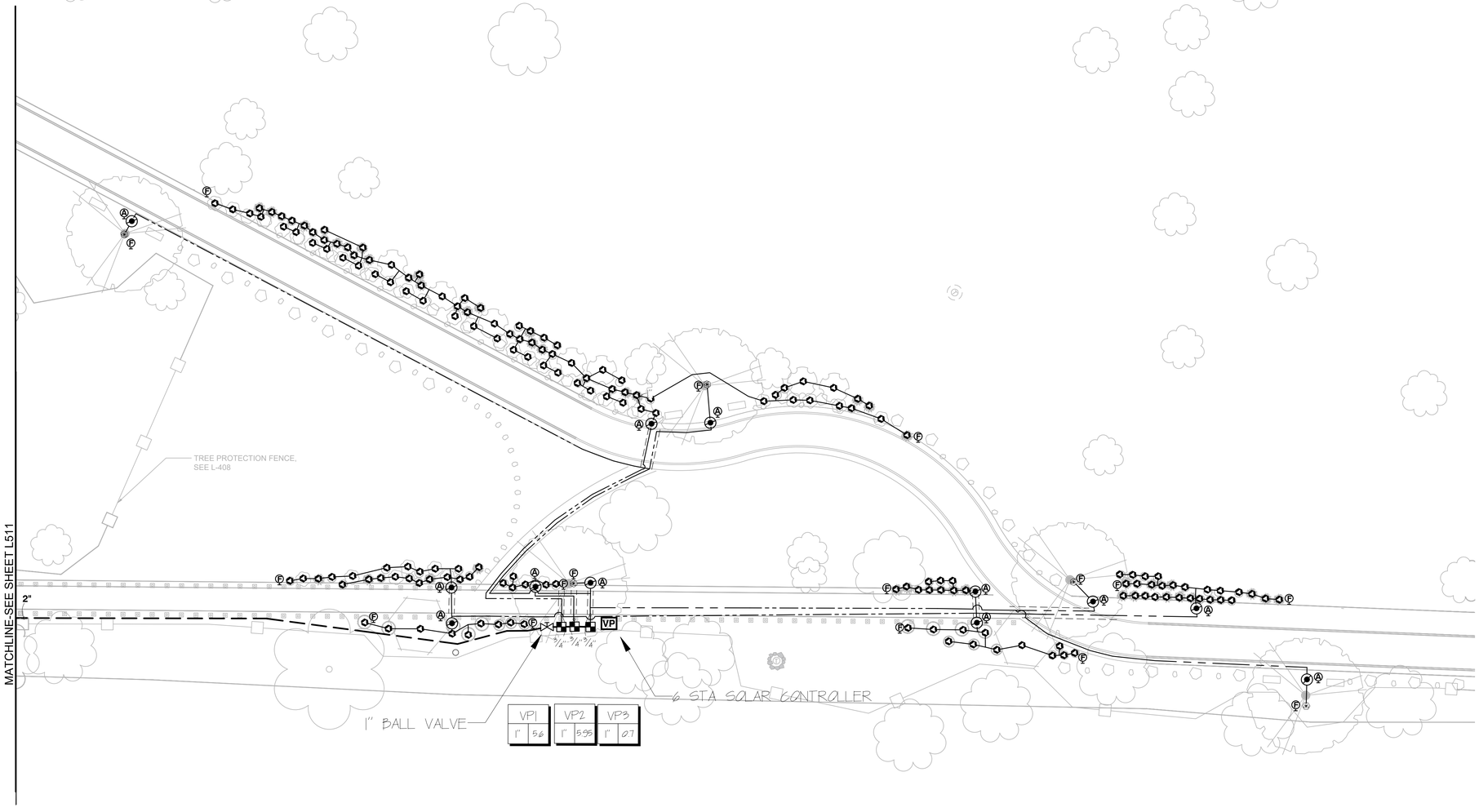
RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 118
OF 133 SHEETS
15-E-14699

8/19/2026 8:11 PM G:\Users\Kevin\Up252 Dropbox\Up252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\05-CAD\LSP-PLANS\LS01-LANDSCAPE PLAN\LS01-L510 - WORKING DRAWING\L500 IRRIGATION PLAN_GOBE.dwg - Kevin

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.



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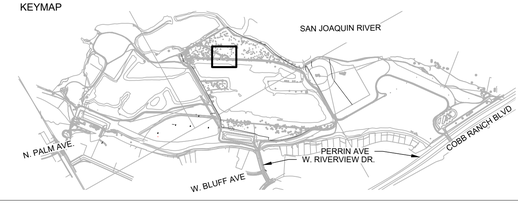

N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L512

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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PW. FILE NO. 13245
PROJ. ID. PW00896
FUND NO. 40106
ORG. NO. 187501
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
RIVERVIEW POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 119
OF 133 SHEETS

15-E-14700

8/17/2026 8:11 PM C:\Users\Yzorn\DJ252 Dropbox\DJ252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\05-CAD\5.01-PLANS\5.01.5.1-LANDSCAPE PLAN\5.01.5.1-WORKING DRAWINGS\L500 IRRIGATION PLAN_GRE.dwg -Xerm

MATCHLINE-SEE SHEET L514

2"

1" BALL VALVE

2" GATE VALVE

2" POC TO FIRE LINE

6 STA SOLAR CONTROLLER

HA

HW

2"

HA1	
1"	63

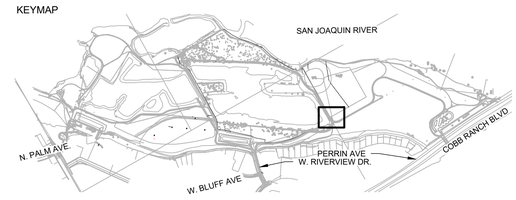
HA2	
1"	154

WARNING

POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

KEYMAP



0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

No.	REVISION	BY	DATE
4			
3			
2			
1			

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L513

PW. FILE NO. 13245
PROJ. ID. PWC0586
FUND NO. 72006
ORG. NO. 189901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
HABITAT POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 120
OF 133 SHEETS

15-E-14701

8/19/2026 8:11 PM C:\Users\Kevin\DropboxJOBS2\Dropbox\JOBS2 Team Folder\PROJECTS\2024\12-002 Eaton Trail West\05-Civil\5.01-PLANS\5.01.5-LANDSCAPE PLANS\5.01.5.0-WORKING DRAWING\L500 IRRIGATION PLAN_CORE.dwg - Kevin

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

MATCHLINE-SEE SHEET L515

2"

OE

30

2"

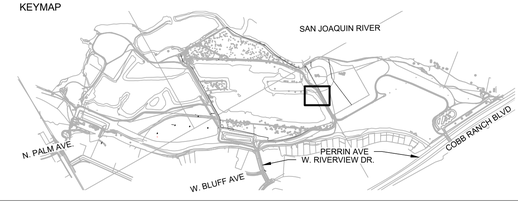
MATCHLINE-SEE SHEET L513

0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

KEYMAP



L514

No.	REVISION	BY	DATE
4			
3			
2			
1			

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LICENSED LANDSCAPE ARCHITECT
Patrick Boyd, No. 4497
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

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PW. FILE NO. 13245
PROJ. ID P-00288
FUND NO. 22106
ORG. NO. 1892001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN HABITAT POC

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 121
OF 133 SHEETS

15-E-14702

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WARNING
POWER LINES OVERHEAD

811
Know what's below.
Call before you dig.

SW COR SEC 21, T12S., R20E., MDB&M

QUQUIN RIVER

HW1
1" 636

HW2
1" 056

HW

1" BALL VALVE

6 STA SOLAR CONTROLLER

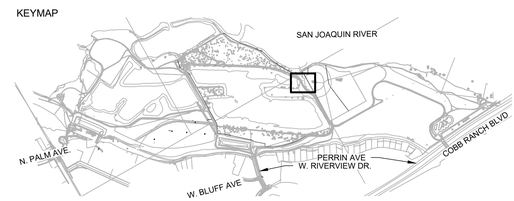
2"

MATCHLINE-SEE SHEET L514

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

KEYMAP



L515

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT
PATRICK Boyd, No. 4581
JULY 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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FAX 559/449-2715

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PW. FILE NO. 13245
PROJ. ID P-00286
FUND NO. 22006
ORG. NO. 182901
REF. & REV.

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RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
HABITAT POC

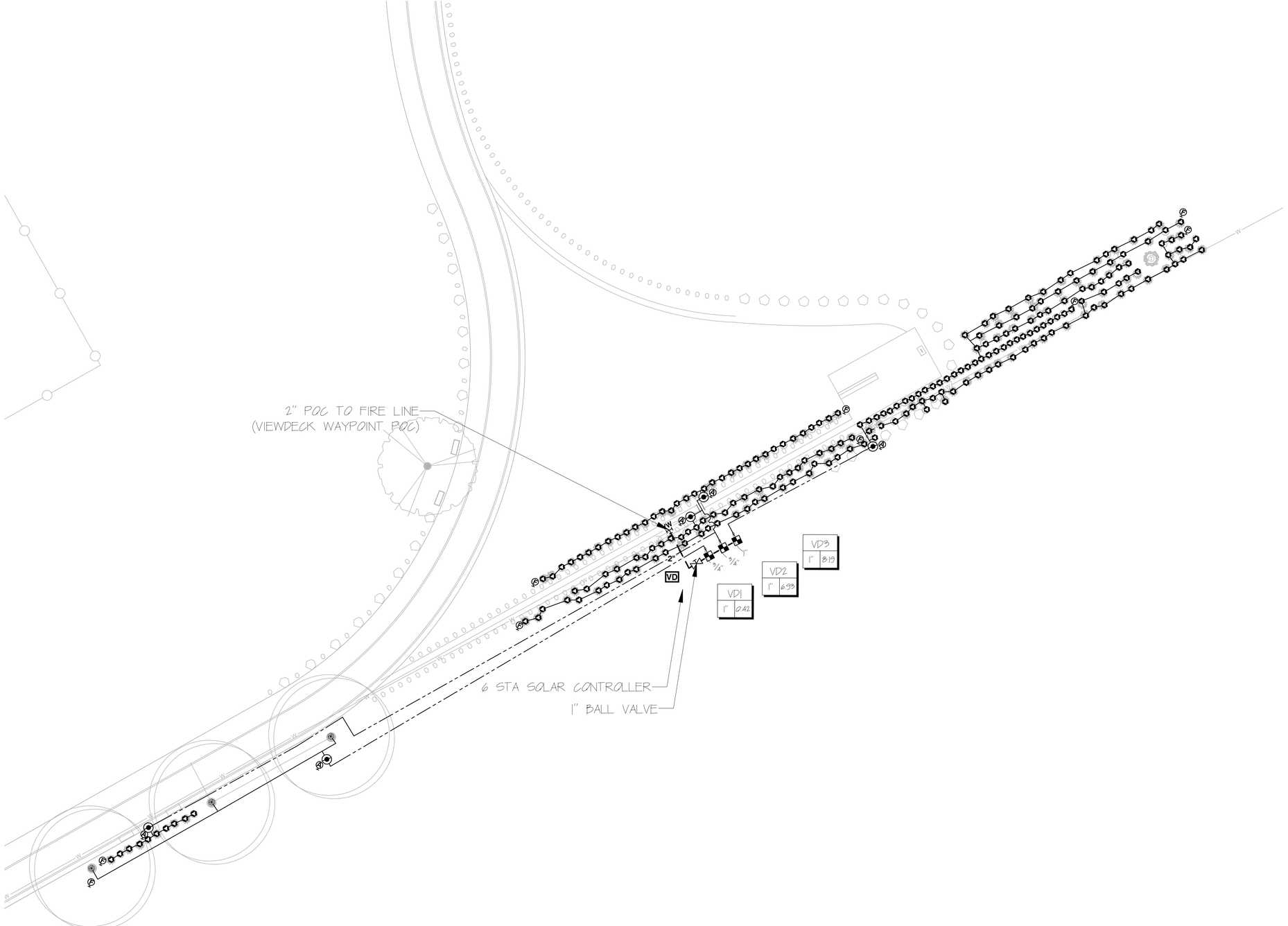
REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 122
OF 133 SHEETS

15-E-14703

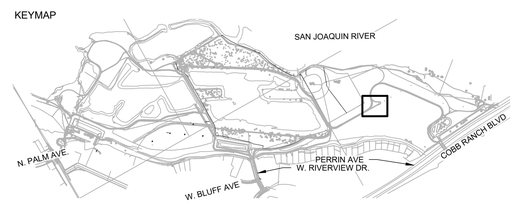
8/19/2026 8:11 PM C:\Users\kevin\OneDrive\Desktop\VA\252 Projects\VA\252 Eaton Trail West\05-CAD\ST-PLANS\ST-PLANS\ST-LANDSCAPE PLANS\ST-LANDSCAPE PLANS_CORE.dwg -Kohn

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.



KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L516

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT — J. Patrick Boyd, No. 6394 — JUL 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

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PW. FILE NO. 13245
PROJ. ID. FWD0986
FUND NO. 92056
ORG. NO. 189501
REF. & REV.

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RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
VIEWDECK WAYPOINT POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____
DR. BY: KJ
CK. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 123
OF 133 SHEETS
15-E-14704

8/17/2026 6:11 PM E:\Users\Kevin\DL252 Dropbox\DL252 Team Folder\PROJECTS\2024\24-12-002 Eaton Trail West\VDE-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLANS\5.01.5.1.5-WORKING DRAWING\L500 IRRIGATION PLAN_VDE.dwg - Kevin

WARNING
POWER LINES OVERHEAD

811
Know what's **below.**
Call before you dig.

ON1
1" 1.12

ON2
1" 9.87

1" BALL VALVE

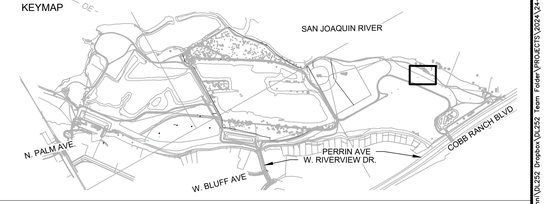
6 STA SOLAR CONTROLLER

DW

2" GATE VALVE

2" POC TO FIRE LINE
(OAK WAYPOINT POC)

KEYMAP



0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L517

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT
Martin Boyd, No. 6481
JUL 31, 2027
MAY 8, 2026
STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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PROJ. ID. PW00986
FUND NO. 22006
ORG. NO. 180201
REF. & REV.

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RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
OAK WAYPOINT POC

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 124
OF 133 SHEETS

15-E-14705

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WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

OE

2" POC TO FIRE LINE
(UNDERPASS WAYPOINT POC)

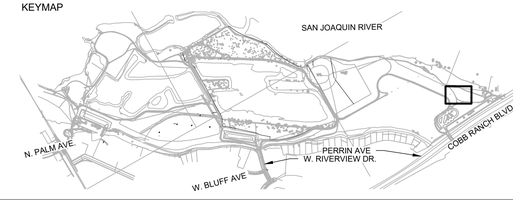
2"

2" GATE VALVE

2"

MATCHLINE-SEE SHEET L519

KEYMAP



N

0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L518

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT · PATRICK Boyd, RLA 6369 · JUL V31, 2027 · MAY 8, 2026 · STATE OF CALIFORNIA

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PROJ. ID. PWC00985
FUND NO. 72006
ORG. NO. 5810201
REF. & REV.

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RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
UNDERPASS WAYPOINT POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PR
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 125
OF 133 SHEETS

15-E-14706

8/17/2026 8:11 PM C:\Users\Vonn\OL252 Dropbox\OL252 Team Folder\PROJECTS\2024\12-002 Eaton Trail West\DS-CAD\LS01-PLANS\LS01.5 LANDSCAPE PLANS\LS01.5.12-WORKING DRAWING\LS00 IRRIGATION PLAN_CORE.dwg +Vonn

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

MATCHLINE-SEE SHEET L518

2"

OE

UW1 1" 056

UW2 1" 637

UW3 1" 868

UW

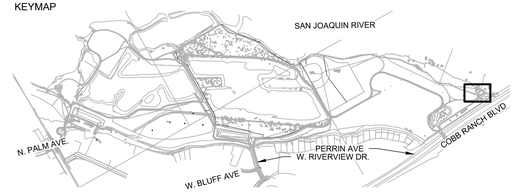
2" BALL VALVE

6 STA SOLAR CONTROLLER

3/4"

30

KEYMAP



N

0 20' 40'

SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L519

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
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LICENSED LANDSCAPE ARCHITECT — Kristin Boyd, RLA 6298 — JULY 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

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(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC00866
FUND NO. 52056
ORG. NO. 189001
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
IRRIGATION PLAN
UNDERPASS WAYPOINT POC

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: KJ
CH. BY: PR
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 126
OF 133 SHEETS

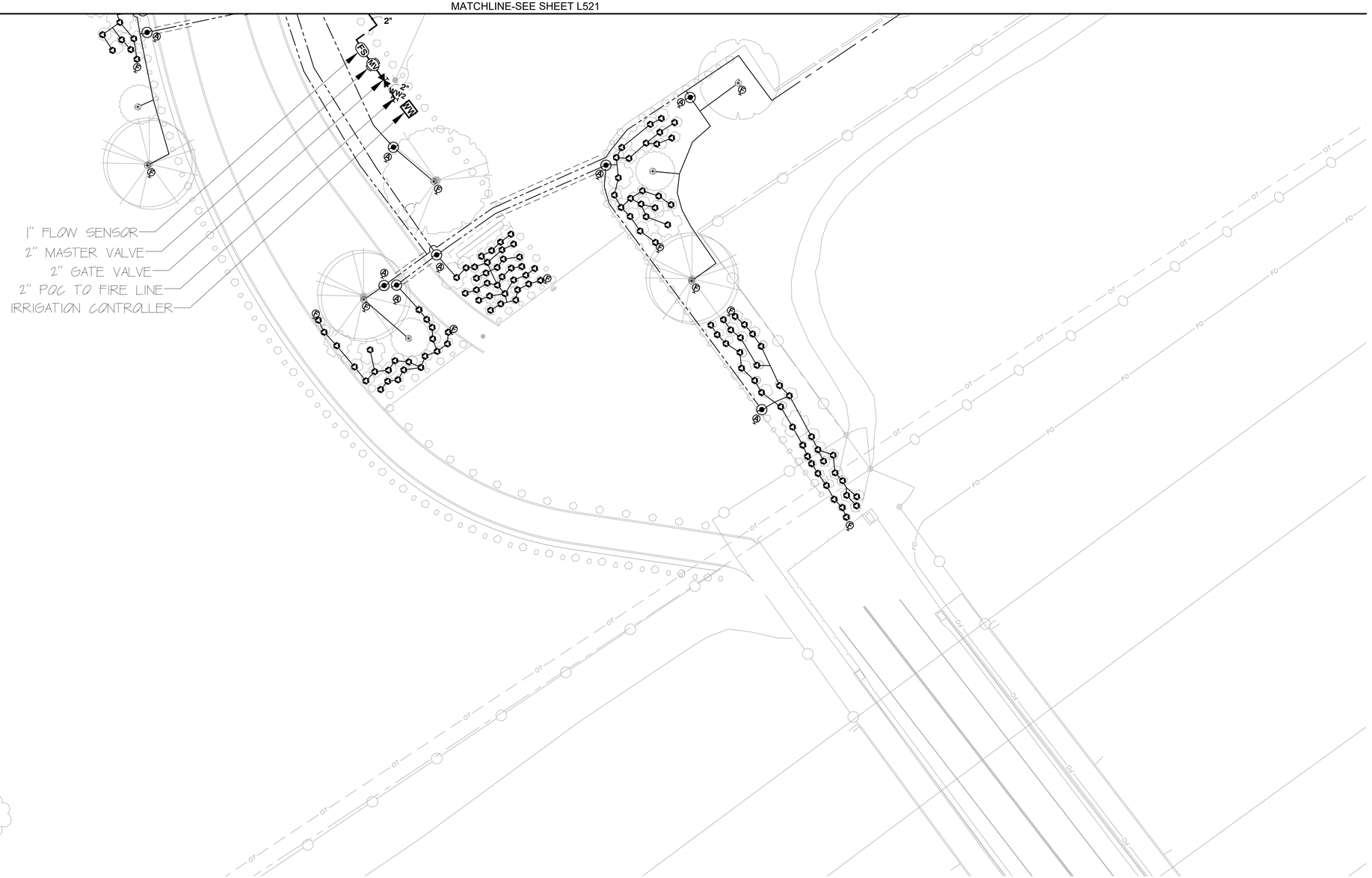
15-E-14707

8/17/2026 8:11 PM C:\Users\vonn\OneDrive - Provost & Pritchard Consulting Group\Desktop\05252_Eaton Trail West\05-CAD\S01-PLANS\24-12-002 Eaton Trail West\05-CAD\S01-PLANS\S.01.5-LANDSCAPE PLANS\S.01.5.01-WORKING DRAWINGS\L500 IRRIGATION PLAN_CORE.dwg -vonn

WARNING
POWER LINES OVERHEAD

811 Know what's **below.** **Call** before you dig.

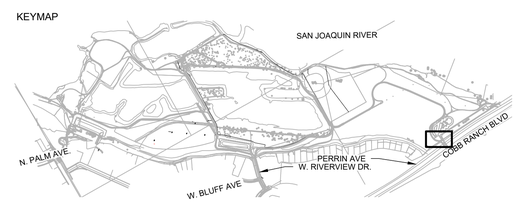
MATCHLINE-SEE SHEET L521



I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN.

PATRICK BOYD, LLA No. 6682 DATE:

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L520

No.	REVISION	BY	DATE
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2			
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PROJ. ID. PWD2886
FUND NO. 24006
ORG. NO. 189261
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN
WOODWARD POC

REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 122
OF 133 SHEETS

15-E-14708

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WARNING
POWER LINES OVERHEAD

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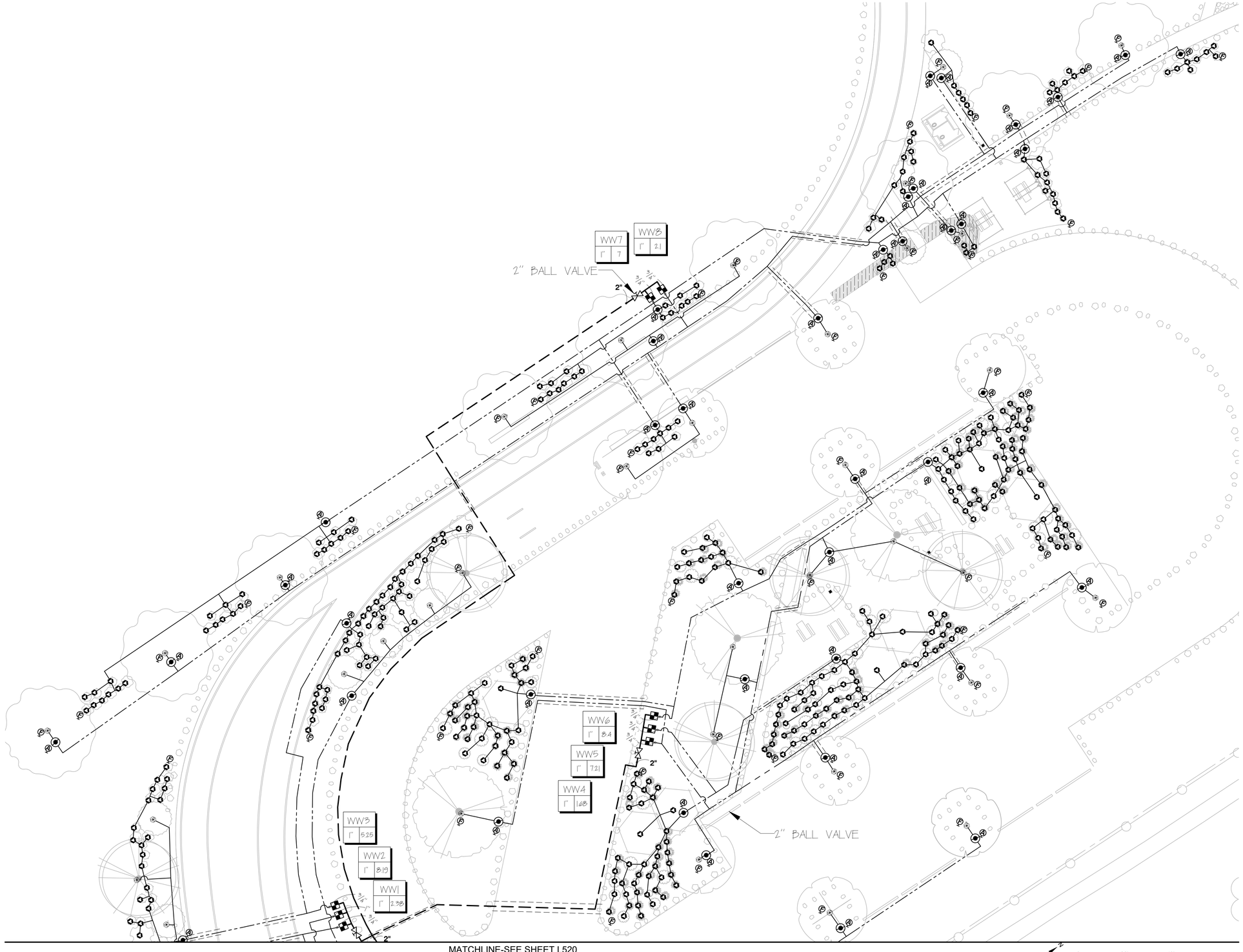
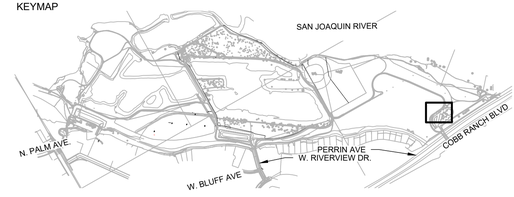


MATCHLINE-SEE SHEET L520

I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN.

PATRICK BOYD, LLA No. 4682 DATE:

KEYMAP



N

0 20' 40'
SCALE: 1" = 20'

GRADING PERMIT NUMBER: BG26-00092

L521

No.	REVISION	BY	DATE
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ORG. NO. 56001
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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION PLAN WOODWARD POC

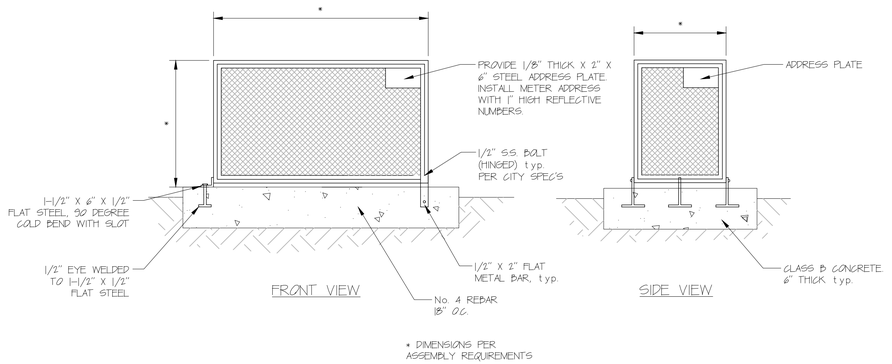
REVIEWED
OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 128
OF 133 SHEETS

15-E-14709

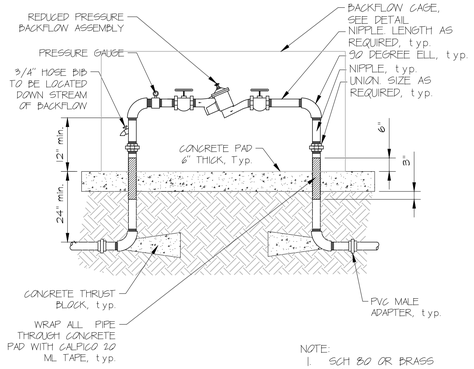
8/17/2026 8:11 PM C:\Users\Vonn\OLD52 Projects\OLD52 Item Folder\PROJECTS\2024\12-002 Eaton Trail West\DS-CAD\L520-PLANS\L521-LANDSCAPE PLANS\L521-IRRIGATION PLAN_POC.dwg 1:1



* DIMENSIONS PER ASSEMBLY REQUIREMENTS

1 BACKFLOW PREVENTER CAGE

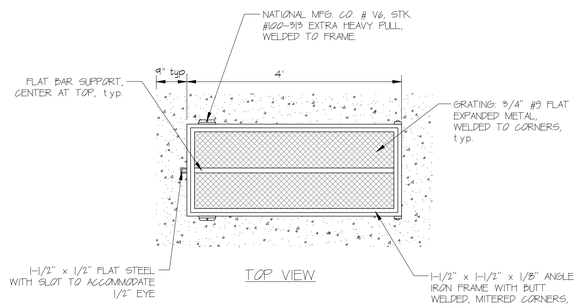
3/4" = 1'-0" DL-IR-BAC-01



NOTE:
1. SCH 80 OR BRASS PIPE ONLY

2 BACKFLOW PREVENTER

3/8" = 1'-0" DL-IR-BAC-04

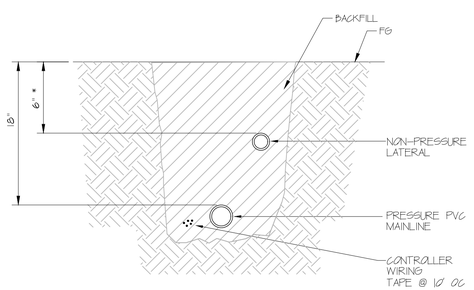


* DIMENSIONS PER ASSEMBLY REQUIREMENTS

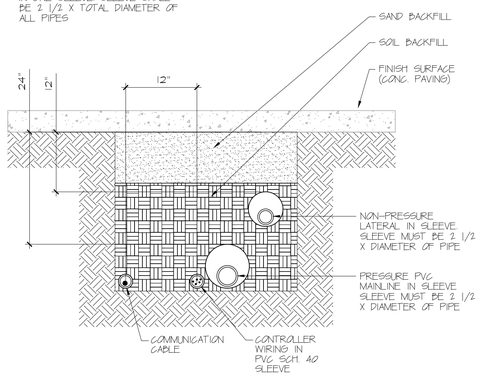
NOTES:

1. ALL EXPOSED PARTS SHALL BE SAND BLASTED SMOOTH AND POWDER COATED, FOREST GREEN.
2. ALL OUTSIDE WELDS SHALL BE GROUND SMOOTH.
3. HINGE FABRICATED FROM 1" STAINLESS STEEL. BOLT, WASHERS AND AIRCRAFT NUTS, BURR THREAD TO PREVENT REMOVAL.
4. METAL GRATING SHALL BE INSTALLED AND WELDED TO INSIDE OF ENCLOSURE. POWDER COATED FOREST GREEN.
5. VACUUM BREAKER MANIFOLD NOT TO EXCEED 42" INCHES IN LENGTH IN ORDER FOR CAGE CLEARANCE.
6. INSTALL BACKFLOW PREVENTER BLANKET PER MANUFACTURER'S RECOMMENDATIONS.

NOTE:
ALL SOLVENT WELD PIPE SHALL BE SNAKED INTO TRENCHES TO ALLOW FOR EXPANSION & CONTRACTION.

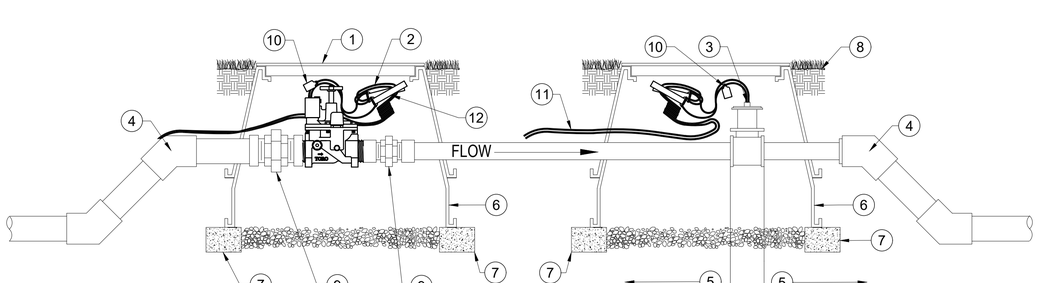


NOTE:
MULTIPLE PIPES MAY BE PLACED IN ONE SLEEVE. SLEEVE SHALL BE 2 1/2 X TOTAL DIAMETER OF ALL PIPES



3 BACKFLOW PREVENTER CAGE

3/4" = 1'-0" DL-IR-BAC-02



NOT TO SCALE

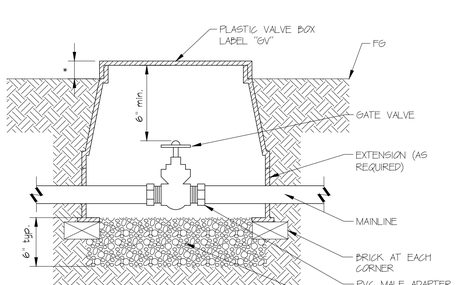
4 TRENCHING

1" = 1'-0" DL-IR-PIP-02

1. VALVE BOX
2. CONDUCTORS
3. FLOW SENSOR
4. PVC ELL - 45 DEGREE
5. MIN. 10 X PIPE DIA. UPSTREAM MIN. 5 X PIPE DIA. DOWNSTREAM
6. EXTENTIONS AS NECESSARY
7. BRICK SUPPORT
8. VALVE BOX SET 2" ABOVE FG
9. UNION
10. IDENTIFICATION TAG
11. COMMUNICATION CABLE
12. WATER PROOF SPLICE

5 IRRIGATION SLEEVE - TRENCH

1" = 1'-0" DL-IR-PIP-05



* 1" GAP FOR PLANTERS
* 12" GAP FOR TURF

6 MASTER VALVE - FLOW SENSOR W/ UNION

1 1/2" = 1'-0" DL-IR-SEN-02

7 GATE VALVE

1 1/2" = 1'-0" DL-IR-VAL-03

No.	REVISION	BY	DATE
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designlab 252
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L522

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PW FILE NO. 13245
PROJ. ID. PW00986
FUND NO. 21006
ORG. NO. 182901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION DETAILS

REVIEWED
OFFICE ENG.: _____ CITY ENG.: _____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 129
OF 133 SHEETS

15-E-14710

WARNING
POWER LINES OVERHEAD

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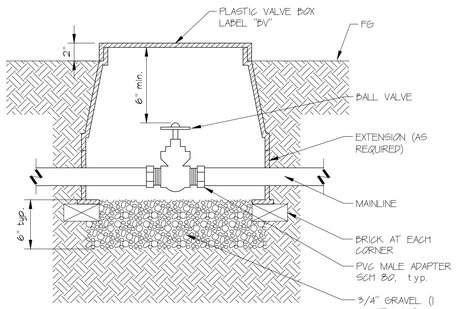
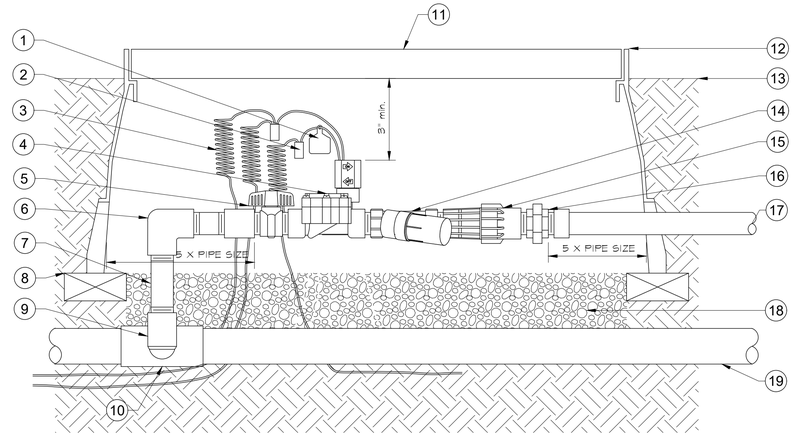


1 BALL VALVE

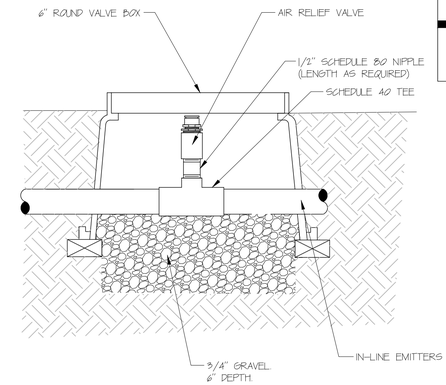
1 1/2" = 1'-0" DL-IR-VAL-10



1. INTERNAL IDENTIFICATION TAG
2. WATERPROOF CONNECTION
3. 30" OF COILED WIRE
4. REMOTE CONTROL VALVE
5. BALL VALVE (LINE SIZE)
6. SCH 40 ELL
7. SCH 80 NIPPLE (LENGTH AS REQUIRED) typ.
8. BRICK SUPPORT
9. SCH 80 NIPPLE (2" LENGTH, HIDDEN) AND SCH 40 ELL
10. SCH 40 TEE OR ELL
11. VALVE BOX IDENTIFICATION TAG
12. PLASTIC VALVE BOX (2" ABOVE FG)
13. FG
14. INLINE MESH FILTER (SEE SCHEDULE FOR MESH SIZE)
15. PRESSURE REGULATOR
16. UNION
17. LATERAL TO DRIP
18. 3/4" GRAVEL 3" DEPTH min.
19. MAINLINE

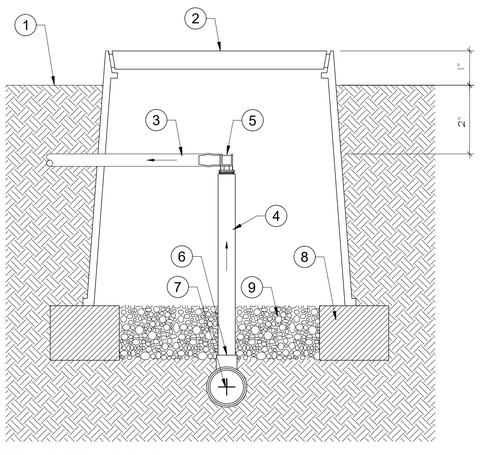
2 DRIP ZONE VALVE

3" = 1'-0" DL-IR-VAL-12



3 AIR VACUUM RELIEF VALVE - DL252

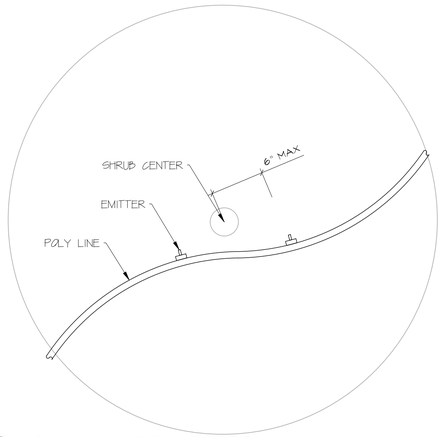
3" = 1'-0" DL-IR-SPR-DRIP-01



1. FINISHED GRADE
2. 6" VALVE BOX
3. POLY LINE – SEE IRRIGATION PLANS
4. 1/2" SCH 80 RISER
5. TRANSITION ELL
6. PVC TEE
7. PVC LATERAL LINE – SEE IRRIGATION PLANS
8. BRICK
9. 3/4" GRAVEL

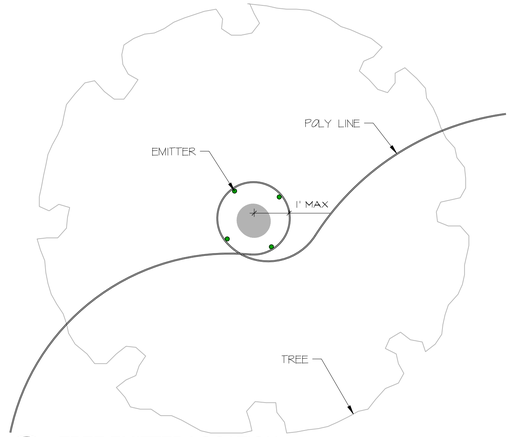
4 PIPE TRANSITION POINT

6" = 1'-0" DL-IR-SPR-DRIP-42



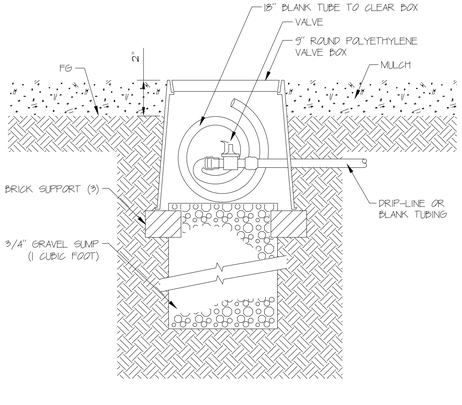
5 SHRUB EMITTER LOCATION

1 1/2" = 1'-0" DL-IR-SPR-DRIP-43



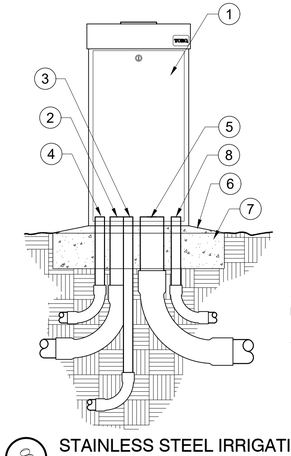
6 TREE EMITTER LOCATION

1/4" = 1'-0" DL-IR-SPR-DRIP-44



7 FLUSH VALVE - MANUAL

3" = 1'-0" DL-IR-SPR-DRIP-31

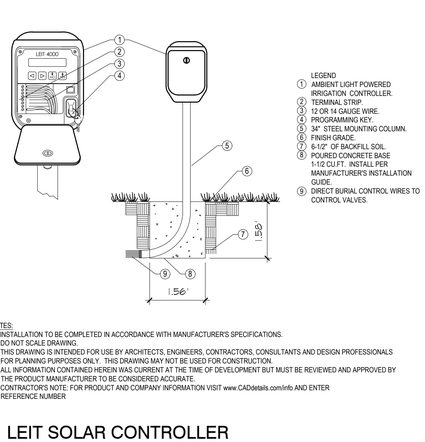


1. TORO EGP-TW-SPED IRRIGATION CONTROLLER
2. 2" CONDUIT FOR FIELD WIRE UP TO 24 STATIONS
3. 3/4" CONDUIT FOR GROUND
4. 3/4" CONDUIT FOR INPUT POWER
5. 2" CONDUIT FOR FIELD WIRES
6. FINISHED SURFACE SLOPE TO DRAIN
7. CONCRETE FOOTING
8. 1/2" CONDUIT FOR SENSOR WIRES

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

8 STAINLESS STEEL IRRIGATION PEDESTAL

1" = 1'-0" DL-IR-VC-25



LEGEND
1. AMBIENT LIGHT POWERED IRRIGATION CONTROLLER.
2. TERMINAL STRIP.
3. 12 OR 14 GAUGE WIRE.
4. PROGRAMMING KEY.
5. 34" STEEL MOUNTING COLUMN.
6. FINISH GRADE.
7. 6-1/2" OF BACKFILL SOIL.
8. POURED CONCRETE BASE 1-1/2 CU.FT. INSTALL PER MANUFACTURER'S INSTALLATION GUIDE.
9. DIRECT BURIAL CONTROL WIRES TO CONTROL VALVES.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER

9 LEIT SOLAR CONTROLLER

1/2" = 1'-0" DL-IR-VC-27

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GRADING PERMIT NUMBER: BG26-00092

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ORG. NO. 182901
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CITY OF FRESNO — DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1

IRRIGATION DETAILS

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OFFICE ENG. _____ CITY ENG. _____

DR. BY: KJ
CK. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 130
OF 133 SHEETS

15-E-14711

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IRRIGATION NOTES-PROJECT SPECIFIC

1. THE IRRIGATION SYSTEM INDICATED ON THE PLANS IS DIAGRAMMATIC. ALL EQUIPMENT SHOWN IN PAVED AREAS IS FOR GRAPHIC DESIGN CLARIFICATION PURPOSES ONLY. EQUIPMENT SHALL BE LOCATED IN ADJACENT PLANTER.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR AND OTHERS FOR LOCATING PIPE, CONDUCTORS AND SLEEVES THROUGH WALLS, STRUCTURES, UNDER ROADS PAVING, ETC.
3. THE IRRIGATION DESIGN IS BASED ON A MINIMUM OPERATING PRESSURE SHOWN FOR EACH POINT OF CONNECTION AND MAXIMUM GPM (GALLONS PER MINUTE) DEMAND SPECIFIED.
4. MAINLINE FEEDER PIPE MATERIAL BETWEEN POINT OF CONNECTION, METER AND BACKFLOW PREVENTER IS DETERMINED BY LOCAL WATER DISTRICT.
5. WHERE APPLICABLE, FINAL LOCATION OF THE BACKFLOW PREVENTER AND IRRIGATION CONTROLLER SHALL BE APPROVED BY THE CITY'S REPRESENTATIVE AND/OR OWNER'S REPRESENTATIVE.
6. A 120-VOLT ELECTRICAL CIRCUIT SHALL BE PROVIDED AT EACH ELECTRIC CONTROLLER BY THE GENERAL CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE NECESSARY POWER SOURCES AND TO MAKE THE FINAL LOOP UP FROM THE CIRCUIT TO THE AUTOMATIC CONTROLLER(S), INCLUDING PROPER GROUNDING AS REQUIRED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
7. IN ADDITION TO THE SLEEVES SHOWN ON THE PLAN, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SLEEVES OF SUFFICIENT SIZE UNDER ALL PAVED AREAS UPON APPROVAL OF THE OWNER'S REPRESENTATIVE. SLEEVES SHALL BE 2-1/2 X DIAMETER OF THE IRRIGATION PIPE(S).
8. CONCRETE THRUST BLOCKS SHALL BE PROVIDED ON ALL MAINLINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES TO HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED EARTH.
9. INSTALL VALVE BOXES 4" FROM AND PERPENDICULAR TO PATH EDGE, CURB, LAWN, BUILDINGS OR HARDSCAPE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC AND EACH BOX SHALL BE 6" APART. SHORT SIDE OF VALVE BOX SHALL BE PARALLEL TO WALK, CURBS, LAWN, ETC.
10. SPLICING OF CONDUCTORS WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES WITH WATERPROOF MARKERS AT ALL SPLICES.
11. IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE, WATER CONSERVATION AND PREVENTION OF OVERSPRAY ONTO WALKS AND ROADWAYS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITION AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
12. SMART CONTROLLERS SHALL BE PROGRAMMED AND OPERATED IN EVAPOTRANSPIRATON (ET) MODE PRIOR TO ACCEPTANCE OF CONSTRUCTION AND BEGINNING OF PLANT ESTABLISHMENT. THE CONTRACTOR SHALL STAGE A HIGH FLOW EVENT TO PROVE THE CONTROLLER WILL SHUT THE SYSTEM OFF AUTOMATICALLY.

GENERAL NOTES-PROJECT SPECIFIC

1. EXISTING UTILITIES – INFORMATION ON THE DRAWINGS RELATING TO EXISTING UTILITY LINES AND SERVICES IS FROM THE BEST SOURCES AVAILABLE. ALL SUCH INFORMATION IS FURNISHED FOR INFORMATION ONLY AND IS NOT GUARANTEED.
   A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
   B. CALL UTILITY LOCATING SERVICE FOR PRECISE UTILITY LOCATIONS BEFORE BEGINNING ANY WORK. UNDERGROUND SERVICE ALERT. (800) 227-2600.
2. EXISTING CONDITIONS:
   A. PROTECTION OF EXISTING TREES: CONSTRUCT FOUR (4) FOOT HIGH ORANGE CONSTRUCTION FENCE OR OTHER APPROVED PROTECTIVE FENCING AROUND THE TREE. CONTACT THE OWNER/OWNER'S REPRESENTATIVE FOR LOCATION OF THE FENCE IF NOT SHOWN ON THE PLAN. DO NOT ENTER, OR PLACE OBJECTS WITHIN THE FENCED AREA. PLACE A THREE (3) INCH LAYER OF WOOD MULCH WITHIN THE FENCED AREA BUT KEEP MULCH OFF OF TRUNK. CONTRACTOR SHALL MAINTAIN FENCED AREA CLEAR OF OBJECTS AT ALL TIMES.
   B. WHEN IT IS NECESSARY TO EXCAVATE OR TRENCH ADJACENT TO EXISTING TREES, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATION IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR SHALL BE DONE BY HAND. ALL ROOTS TWO (2) INCH AND LARGER IN DIAMETER EXCEPT DIRECTLY IN THE PATH OF PIPE OR CONDUIT, SHALL BE TUNNELED UNDER AND SHALL BE HEAVILY WRAPPED WITH BURLAP TO PREVENT SCARRING OR EXCESSIVE DRYING. WHERE A TRENCHING MACHINE IS RUN CLOSEST TO TREES HAVING ROOTS SMALLER THAN TWO (2) INCHES IN DIAMETER, THE WALL OF THE TRENCH ADJACENT TO THE TREE SHALL BE HAND TRIMMED, MAKING CLEAN CUTS THROUGH. ROOTS ONE (1) AND LARGER IN DIAMETER SHALL BE PAINTED WITH TWO COATS OF TREE SEAL, OR EQUAL. TRENCHES ADJACENT TO TREE SHALL BE CLOSED WITHIN TWENTY-FOUR (24) HOURS, AND WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE SHALL BE KEPT SHADED WITH BURLAP OR CANVAS.
   C. CONTRACTOR SHALL FURNISH A LIST AND CUT SHEETS OF THE MATERIALS PROPOSED FOR THE PROJECT TO THE OWNER/OWNER'S REPRESENTATIVE FOR APPROVAL. CONSTRUCTION SHALL NOT BEGIN UNTIL MATERIALS ARE APPROVED.
3. CLEAN UP ON A DAILY BASIS PER OWNER/OWNER'S REPRESENTATIVE'S APPROVAL.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE REQUIREMENTS: IRRIGATION

1. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
2. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.
3. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
4. AT THE TIME OF FINAL INSPECTION, THE PERMIT APPLICANT MUST PROVIDE THE OWNER OF THE PROPERTY WITH A CERTIFICATE OF COMPLETION, CERTIFICATE OF INSTALLATION, IRRIGATION SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE.

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LICENSED LANDSCAPE ARCHITECT — Patricia Boyd — RLA 6368 — JULY 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

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CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

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IRRIGATION NOTES

REVIEWED
OFFICE ENG._____ CITY ENG._____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 131
OF 133 SHEETS

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CITY OF FRESNO
PUBLIC WORKS DEPARTMENT
GENERAL NOTES FOR IRRIGATION PLAN

PART 1 – GENERAL CONDITIONS

1.1 DESCRIPTION:

A. WORK INCLUDED: PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION, AND SERVICES NECESSARY TO FURNISH AND INSTALL IRRIGATION SYSTEMS AS SHOWN ON THE DRAWINGS AND DESCRIBED HEREIN.

1.2 QUALITY ASSURANCE:

A. MANUFACTURER'S DIRECTIONS: MANUFACTURER'S DIRECTIONS AND DETAILED DRAWINGS SHALL BE FOLLOWED IN ALL CASES WHERE THE MANUFACTURERS OF ARTICLES USED IN THIS CONTRACT FURNISH DIRECTIONS COVERING POINTS NOT SHOWN IN THE DRAWINGS AND SPECIFICATIONS.

B. ORDINANCES AND REGULATIONS: ALL LOCAL, MUNICIPAL AND STATE LAWS, AND RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR. ANYTHING CONTAINED IN THESE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CONFLICT WITH ANY OF THE ABOVE RULES AND REGULATIONS OR REQUIREMENTS OF THE SAME. HOWEVER, WHEN THESE SPECIFICATIONS AND DRAWINGS CALL FOR OR DESCRIBE MATERIALS, WORKMANSHIP, OR CONSTRUCTION OF A BETTER QUALITY, HIGHER STANDARD, OR LARGER SIZE THAN IS REQUIRED BY THE ABOVE RULES AND REGULATIONS, THE PROVISIONS OF THESE SPECIFICATIONS AND DRAWINGS SHALL TAKE PRECEDENCE.

C. EXPLANATION OF DRAWINGS:

1. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC., WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. THE WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEMS, PLANTING, AND ARCHITECTURAL FEATURES.
2. THE WORD LANDSCAPE ARCHITECT AS USED HEREIN SHALL REFER TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
3. ALL WORK CALLED FOR ON THE DRAWINGS BY NOTES OR DETAILS SHALL BE FURNISHED AND INSTALLED WHETHER OR NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS.
4. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DISCREPANCIES IN AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE IRRIGATION DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED,

THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

1.3 SUBMITTALS:

A. MATERIAL LIST:

1. THE CONTRACTOR SHALL FURNISH THE ARTICLES, EQUIPMENT, MATERIALS, OR PROCESSES SPECIFIED BY NAME IN THE DRAWINGS AND SPECIFICATIONS. NO SUBSTITUTION WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT
2. COMPLETE MATERIAL LIST SHALL BE SUBMITTED PRIOR TO PERFORMING ANY WORK. THE MATERIAL LIST SHALL INCLUDE THE MANUFACTURER, MODEL NUMBER, AND DESCRIPTION OF ALL MATERIALS AND EQUIPMENT TO BE USED. COPIES OF CATALOG INFORMATION SHALL NOT BE SUBSTITUTED FOR THE MATERIALS LIST, AND WILL BE REJECTED AS UNACCEPTABLE.
3. EQUIPMENT OR MATERIALS INSTALLED OR FURNISHED WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT MAY BE REJECTED AND THE CONTRACTOR REQUIRED TO REMOVE SUCH MATERIALS FROM THE SITE AT HIS OWN EXPENSE.
4. APPROVAL OF ANY ITEM, ALTERNATE, OR SUBSTITUTE INDICATED ONLY THAT THE PRODUCT MEETS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS ON THE BASIS OF THE INFORMATION OR SAMPLES SUBMITTED.
5. MANUFACTURER'S WARRANTIES SHALL NOT RELIEVE THE CONTRACTOR OF HIS LIABILITY UNDER THE GUARANTEE. SUCH WARRANTIES SHALL ONLY SUPPLEMENT THE GUARANTEE.

B. RECORD DRAWINGS:

1. THE CONTRACTOR SHALL PROVIDE AND KEEP UP TO DATE A COMPLETE "RECORD" SET OF BLUE LINE OZALID PRINTS WHICH SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS AND SPECIFICATIONS AND THE EXACT LOCATIONS, SIZES, AND KINDS OF EQUIPMENT THESE DRAWINGS SHALL ALSO SERVE AS WORK PROGRESS SHEETS AND SHALL BE THE BASIS FOR MEASUREMENT AND PAYMENT FOR WORK COMPLETED. THIS SET OF DRAWINGS SHALL BE KEPT ON THE SITE AND SHALL BE USED ONLY AS A RECORD SET.
2. THE CONTRACTOR SHALL MAKE NEAT AND LEGIBLE ANNOTATIONS THEREON DAILY AS THE WORK PROCEEDS, SHOWING THE WORK AS ACTUALLY INSTALLED. THESE DRAWINGS SHALL BE AVAILABLE AT ALL TIMES FOR INSPECTION AND SHALL BE KEPT IN A LOCATION DESIGNATED BY THE LANDSCAPE ARCHITECT.
3. BEFORE THE DATE OF THE FINAL INSPECTION, THE CONTRACTOR SHALL TRANSFER ALL INFORMATION FROM THE RECORD PRINTS TO A SEPIA MYLAR OR MYLAR PROCURED FROM THE LANDSCAPE ARCHITECT. ALL WORK SHALL BE NEAT, DRAWN IN WATERPROOF INK BY A TECHNICAL INK PEN DESIGNED SPECIFICALLY FOR USE ON MYLAR MATERIAL. WORK COMPLETED IN FELT TIP PEN OR BALL POINT PEN WILL BE REJECTED BECAUSE OF THE NON-PERMANENT NATURE OF BOTH DEVICES. ALL WORK SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
4. THE CONTRACTOR SHALL DIMENSION FROM TWO PERMANENT POINTS OF

REFERENCE THE LOCATION OF THE FOLLOWING ITEMS:

A. CONNECTION TO EXISTING WATER LINES
B. CONNECTIONS TO EXISTING ELECTRICAL POWER
C. GATE VALVES
D. ROUTING OF PRESSURE MAIN LINE PIPE
E. SPRINKLER CONTROL VALVES
F. ROUTING OF CONTROL AND COMMON WIRE
G. QUICK COUPLING VALVES
H. OTHER RELATED EQUIPMENT AS DIRECTED BY THE LANDSCAPE ARCHITECT.

5. ON OR BEFORE THE DATE OF THE FINAL INSPECTION, THE CONTRACTOR SHALL DELIVER THE CORRECTED AND COMPLETED MYLARS TO THE LANDSCAPE ARCHITECT. DELIVERY OF THE MYLARS WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING REQUIRED INFORMATION THAT MAY BE OMITTED FROM THE PRINTS HE COMPILED AT THE SITE.

C. CONTROLLER CHARTS:

1. RECORD DRAWINGS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE CONTROLLER CHARTS ARE PREPARED.
2. PROVIDE ONE CONTROLLER CHART FOR EACH CONTROLLER SUPPLIED.
3. THE CHART SHALL SHOW THE AREA CONTROLLED BY EACH AUTOMATIC CONTROLLER AND SHALL BE SIZED AS DESIGNATED BY EACH AUTOMATIC CONTROLLER OR AS DESIGNATED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
4. THE CHART IS TO BE A REDUCED DRAWING OF THE ACTUAL RECORD DRAWINGS. HOWEVER, IN THE EVENT THE CONTROLLER SEQUENCE IS NOT LEGIBLE WHEN THE DRAWING IS REDUCED, IT SHALL BE READABLE WHEN THE CONTROLLER CHART IS COMPLETED.
5. THE CHART SHALL BE A BLACKLINE OR BLUELINE OZALID PRINT AND A DIFFERENT COLOR SHALL BE USED TO INDICATE THE AREA OF COVERAGE FOR EACH CONTROL VALVE STATION.
6. WHEN COMPLETED AND APPROVED, THE CHART SHALL BE SEALED BY A PLASTIC LAMINATING PROCESS. THE PLASTIC LAMINATING SHEETS SHALL BE A MINIMUM OF 10 MIL. THICKNESS EACH.

D. OPERATION AND MAINTENANCE

1. PREPARE AND DELIVER TO THE LANDSCAPE ARCHITECT WITHIN TEN CALENDAR DAYS PRIOR TO COMPLETION OF CONSTRUCTION, TWO HARD COVER BINDERS WITH THREE RINGS EACH CONTAINING THE FOLLOWING INFORMATION:

A. INDEX SHEETS STATING CONTRACTOR'S ADDRESS AND TELEPHONE NUMBER, LIST OF EQUIPMENT WITH NAMES AND ADDRESSES OF THE LOCAL MANUFACTURER'S REPRESENTATIVES.
B. CATALOG AND PARTS SHEETS ON EVERY MATERIAL AND EQUIPMENT

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C. GUARANTEE STATEMENT (SECTION 1.6).
D. COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR PIECES OF EQUIPMENT.

2. IN ADDITION TO THE ABOVE MENTIONED MAINTENANCE MANUAL, PROVIDE THE OWNER'S MAINTENANCE PERSONNEL WITH INSTRUCTIONS FOR MAJOR EQUIPMENT AND SHOW EVIDENCE IN WRITING TO THE LANDSCAPE ARCHITECT AT THE CONCLUSION OF THE PROJECT THAT THIS SERVICE HAS BEEN RENDERED

E. EQUIPMENT TO BE FURNISHED:

1. SUPPLY AS PART OF THIS CONTRACT THE FOLLOWING TOOLS:

A. TWO SETS OF SPECIAL TOOLS REQUIRED FOR REMOVING, DISASSEMBLING, AND ADJUSTING EACH TYPE OF SPRINKLER AND VALVE INSTALLED UNDER THIS CONTRACT.
B. TWO FIVE-FOOT VALVE KEYS FOR THE OPERATION OF GATE VALVES (AS REQUIRED).
C. TWO KEYS FOR EACH AUTOMATIC CONTROLLER OR ENCLOSURE.
D. SIX QUICK COUPLER KEYS AND MATCHING HOSE SWIVELS FOR EACH TYPE OF QUICK COUPLING VALVE INSTALLED.

2. THE ABOVE MENTIONED EQUIPMENT SHALL BE TURNED OVER TO THE OWNER AT THE CONCLUSION OF THE PROJECT. BEFORE FINAL INSPECTION CAN OCCUR, EVIDENCE THAT THE OWNER HAS RECEIVED MATERIAL MUST BE SHOWN TO THE LANDSCAPE ARCHITECT.

1.4 PRODUCT PROTECTION, STORAGE AND HANDLING:

A. HANDLING OF PVC PIPE AND FITTINGS: THE CONTRACTOR IS CAUTIONED TO EXERCISE CARE IN HANDLING, LOADING, UNLOADING, AND STORING OF PVC PIPE AND FITTINGS. ALL PVC PIPE SHALL BE TRANSPORTED IN A VEHICLE WHICH ALLOWS THE LENGTH OF PIPE TO LIE FLAT SO AS NOT TO SUBJECT IT TO UNDUE BENDING OR CONCENTRATED EXTERNAL LOAD AT ANY POINT. ANY SECTION OF PIPE THAT HAS BEEN DENTED OR DAMAGED WILL BE DISCARDED, AND IF INSTALLED, SHALL BE REPLACED WITH NEW PIPING.

1.5 ANALYSIS OF SAMPLES AND TESTS: NONE

1.6 GUARANTEE:

A. THE GUARANTEE FOR THE SPRINKLER IRRIGATION SYSTEM SHALL BE MADE IN ACCORDANCE WITH THE ATTACHED FORM. THE GENERAL CONDITIONS AND SUPPLEMENTARY CONDITIONS OF THESE SPECIFICATIONS SHALL BE FILED WITH THE OWNER OR HIS REPRESENTATIVE PRIOR TO THE ACCEPTANCE OF THE IRRIGATION SYSTEM.

B. A COPY OF THE GUARANTEE FORM SHALL BE INCLUDED IN THE OPERATIONS AND MAINTENANCE MANUAL (SECTION 1.3.D).

C. THE GUARANTEE FORM SHALL BE RE-TYPED ONTO THE CONTRACTOR'S LETTERHEAD AND CONTAIN THE FOLLOWING INFORMATION:

GUARANTEE FOR SPRINKLER IRRIGATION SYSTEM

WE HEREBY GUARANTEE THAT THE SPRINKLER SYSTEM WE HAVE

FURNISHED AND INSTALLED IS FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP, AND THE WORK HAS BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. WE AGREE TO REPAIR OR REPLACE ANY DEFECTS IN MATERIAL OR WORKMANSHIP WHICH MAY DEVELOP DURING THE PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE AND ALSO TO REPAIR OR REPLACE ANY DAMAGE RESULTING FROM THE REPAIRING OR REPLACING OF SUCH DEFECTS AT NO ADDITIONAL COST TO THE OWNER. WE SHALL MAKE REPAIRS OR REPLACEMENTS WITHIN A REASONABLE TIME AFTER RECEIPT OF WRITTEN NOTICE FROM THE OWNER. IN THE EVENT OF OUR FAILURE TO MAKE SUCH REPAIRS OR REPLACEMENTS WITHIN A REASONABLE TIME AFTER RECEIPT OF WRITTEN NOTICE FROM THE OWNER, WE AUTHORIZE THE OWNER TO PROCEED TO HAVE SAID REPAIRS OR REPLACEMENTS MADE AT OUR EXPENSE AND WE WILL PAY THE COSTS AND CHARGES THEREFORE UPON DEMAND.

(THE ABOVE STATEMENT IS TO BE FOLLOWED BY THE PROJECT NAME, LOCATION, SIGNATURE, ADDRESS, AND TELEPHONE NUMBER OF IRRIGATION CONTRACTOR, IN ADDITION TO THE DATE OF ACCEPTANCE).

PART 2 – MATERIALS

2.1 GENERAL: USE ONLY NEW MATERIALS OF BRANDS AND TYPES NOTED ON THE DRAWINGS, SPECIFIED HEREIN, OR APPROVED EQUALS.

A. PVC PRESSURE MAIN LINE PIPE AND FITTINGS:

1. PRESSURE MAIN LINE PIPING FOR SIZES 2 AND 1/2 INCH AND LARGER SHALL BE PVC CLASS 315.
2. PIPE SHALL BE MADE FROM NSF APPROVED TYPE 1, GRADE 1, PVC COMPOUND CONFORMING TO ASTM RESIN SPECIFICATION D1784. ALL PIPE MUST MEET REQUIREMENTS AS SET FORTH IN FEDERAL SPECIFICATION PS-22-70 (SOLVENT WELD PIPE) WITH AN APPROPRIATE STANDARD DIMENSION (S.D.R.)
3. PRESSURE MAIN LINE PIPING FOR SIZES 2-INCH AND SMALLER SHALL BE PVC SCHEDULE 40 WITH SOLVENT WELDED JOINTS.
4. PIPE SHALL BE MADE FROM NSF APPROVED TYPE 1, GRADE 1, PVC COMPOUND CONFORMING TO ASTM RESIN SPECIFICATION D1785. ALL PIPE MUST MEET REQUIREMENTS AS SET FORTH IN FEDERAL SPECIFICATION PS-21-70 (SOLVENT-WELD PIPE).
5. PVC SOLVENT-WELD FITTINGS SHALL BE SCHEDULE 40, 1-2, 11-1 NSF APPROVED CONFORMING TO ASTM TEST PROCEDURE D2466.
6. SOLVENT CEMENT AND PRIMER TOR PVC SOLVENT-WELD PIPE AND FITTINGS SHALL BE OF THE TYPE AND INSTALLATION METHODS PRESCRIBED BY THE MANUFACTURER.
7. ALL PVC PIPE MUST BEAR THE FOLLOWING MARKINGS:

A. MANUFACTURER'S NAME
B. NOMINAL PIPE SIZE
C. SCHEDULE OR CLASS
D. PRESSURE RATING IN PSI
E. NSF (NATIONAL SANITATION FOUNDATION) APPROVAL

F. DATE OF EXTRUSION

8. ALL FITTINGS SHALL BEAR THE MANUFACTURER'S NAME OR TRADEMARK, MATERIAL DESIGNATION, SIZE APPLICABLE I.P.S. SCHEDULE AND NSF SEAL OF APPROVAL

B. PVC NON-PRESSURE LATERAL LINE PIPING

1. NON-PRESSURE BURIED LATERAL LINE PIPING SHALL BE PVC CLASS 200 WITH SOLVENT-WELD JOINTS.
2. PIPE SHALL BE MADE FROM NSF APPROVED, TYPE 1, GRADE II, PVC COMPOUND CONFORMING TO ASTM RESIN SPECIFICATION D1784. ALL PIPE MUST MEET REQUIREMENTS SET FORTH IN FEDERAL SPECIFICATIONS PS-22-70 WITH AN APPROPRIATE STANDARD DIMENSION RATIO.
3. EXCEPT AS NOTED IN PARAGRAPHS 1 OF 2 OF SECTION 2.01C, ALL REQUIREMENTS FOR NON-PRESSURE LATERAL LINE PIPE AND FITTINGS SHALL BE THE SAME AS FOR SOLVENT-WELD PRESSURE MAIN LINE PIPE AND FITTINGS AS SET FORTH IN SECTION 2.01 B OF THESE SPECIFICATIONS.

C. BRASS PIPE AND FITTINGS:

1. WHERE INDICATED ON THE DRAWINGS, USE RED BRASS SCREWED PIPE CONFORMING TO FEDERAL SPECIFICATION WW-P-351.
2. FITTINGS SHALL BE RED BRASS CONFORMING TO FEDERAL SPECIFICATION WW-P-460.

D. GALVANIZED PIPE FITTINGS:

1. WHERE INDICATED ON THE DRAWINGS, USE GALVANIZED STEEL PIPE ASA SCHEDULE 40 MILD STEEL SCREWED PIPE.
2. FITTINGS SHALL BE MEDIUM GALVANIZED SCREWED BEADED MALLEABLE IRON. GALVANIZED COUPLINGS MAY BE MERCHANT COUPLING.
3. ALL GALVANIZED PIPE AND FITTINGS INSTALLED BELOW GRADE SHALL BE PAINTED WITH TWO COATS OF KOPPERS 50 BITUMASTIC.

E. GATE VALVE:

1. GATE VALVES 3-INCHES AND SMALLER SHALL BE 125-LB. SWP BRONZE GATE VALVE WITH SCREW-IN BONNET, NON-RISING STEM AND SOLID WEDGE DISC, HAVE THREADED ENDS, AND BE EQUIPPED WITH BRONZE WHEEL HANDLE.
2. GATE VALVES 3-INCHES AND SMALLER SHALL BE SIMILAR TO THOSE MANUFACTURED BY NIBCO OR APPROVED EQUAL.
3. ALL GATE VALVES SHALL BE INSTALLED PER INSTALLATION DETAIL.

F. QUICK COUPLING VALVES: QUICK COUPLING VALVES SHALL HAVE A BRASS TWO-PIECE BODY DESIGNED FOR THE WORKING PRESSURE OF 150 PSI OPERABLE WITH QUICK COUPLER KEY. KEY SIZE AND TYPE SHALL BE AS SHOWN ON PLANS.

G. BACKFLOW PREVENTER UNIT

1. BACKFLOW PREVENTION UNITS SIZE SHALL MATCH THE SERVICE AND METER SIZE; THE TYPE SHALL BE AS INDICATED ON THE IRRIGATION DRAWINGS. INSTALL THE BACKFLOW PREVENTION UNITS IN ACCORDANCE WITH THE IRRIGATION CONSTRUCTION DETAILS.
2. WYE STRAINERS AT BACKFLOW PREVENTION UNITS SHALL HAVE A BRONZED

SCREWED BODY WITH 100 MESH MONEL SCREEN AND SHALL BE SIMILAR TO BAILEY 100A OR APPROVED EQUAL.

H. CHECK VALVES:

1. SWING CHECK VALVES 2-INCHES AND SMALLER SHALL BE 200 LBS. WOG BRONZE BRONZE CONSTRUCTION AND REPLACEABLE COMPOSITION, NEOPRENE OR RUBBER DISC, AND SHALL MEET OR EXCEED FEDERAL SPECIFICATION WW-V-51D, CLASS A, TYPE IV.
2. ANTI-DRAIN VALVES SHALL BE OF HEAVY-DUTY VIRGIN PVC CONSTRUCTION WITH F.I.P. THREAD INLET AND OUTLET. INTERNAL PARTS SHALL BE STAINLESS STEEL WITH BUNA-N SEALS. VALVE SHALL BE FIELD ADJUSTABLE AGAINST DRAWOUT FROM 3 TO 40 FEET OF HEAD. ANTI-DRAIN VALVE SHALL BE SIMILAR TO THE KING BROS. "CV" SERIES OR APPROVED EQUAL.

I. CONTROL WIRING:

1. CONNECTIONS BETWEEN THE AUTOMATIC CONTROLLERS AND THE ELECTRIC CONTROL VALVES SHALL BE MADE WITH DIRECT BURIAL COPPER WIRE AWG-U.F. 600 VOLT. PILOT WIRES SHARING THE SAME AUTOMATIC CONTROLLER SHALL BE THE SAME COLOR. COMMON WIRE SHALL BE WHITE IN COLOR WITH A STRIPE TO MATCH THE PILOT WIRES WITH WHICH IT IS CIRCUITED ON THE SAME CONTROLLER. PROVIDE DIFFERENT COLORS FOR EACH CONTROLLER INSTALLED ON THE SAME PROJECT. INSTALL WIRE IN ACCORDANCE WITH VALVE MANUFACTURER'S SPECIFICATIONS AND WIRE CHART. IN NO CASE SHALL WIRE SIZE BE LESS THAN #14.
2. WIRING SHALL OCCUPY THE SAME TRENCH AND SHALL BE INSTALLED ALONG THE SAME ROUTE AS PRESSURE SUPPLY OR LATERAL LINES WHEREVER POSSIBLE.
3. WHERE MORE THAN ONE WIRE IS PLACED IN A TRENCH, THE WIRING SHALL BE TAPED TOGETHER AT INTERVALS OF TEN FEET.
4. AN EXPANSION CURL SHALL BE PROVIDED AT EACH WIRE CONNECTION. EXPANSION CURL SHALL BE OF SUFFICIENT LENGTH AT EACH SPLICE CONNECTION AT EACH ELECTRIC CONTROL VALVE SO THAT IN CASE OF REPAIR, THE VALVE BONNET MAY BE BROUGHT TO THE SURFACE WITHOUT DISCONNECTION OF THE CONTROL WIRES. CONTROL WIRES SHALL BE LAID LOOSELY IN TRENCH WITHOUT STRESS OR STRETCHING OF CONTROL WIRE CONDUCTORS.
5. ALL SPLICES SHALL BE MADE WITH RAINBIRD ST-03UL SNAP-TITE WIRE CONNECTOR WITH PT/SS SEALER OR APPROVED EQUAL. USE ONE WIRE CONNECTOR PER WIRE SPLICE.
6. FIELD SPLICES BETWEEN THE AUTOMATIC CONTROLLER AND ELECTRIC CONTROL VALVES WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT.

J. AUTOMATIC CONTROLLER:

1. AUTOMATIC CONTROLLER SHALL BE OF SIZE AND TYPE SHOWN ON THE DRAWINGS.
2. FINAL LOCATION OF AUTOMATIC CONTROLLER SHALL BE APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION.
3. UNLESS OTHERWISE NOTED ON THE PLANS, THE 120-VOLT ELECTRICAL

POWER TO THE AUTOMATIC CONTROLLER LOCATION SHALL BE FURNISHED BY OTHERS. THE FINAL HOOK-UP OF THE AUTOMATIC CONTROLLER TO THE 120-VOLT POWER SOURCE SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR.

K. ELECTRIC CONTROL VALVES:

1. ELECTRIC CONTROL VALVES SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS.
2. UNLESS OTHERWISE NOTED ON PLAN OR CONSTRUCTION DETAILS, ALL ELECTRIC CONTROL VALVES SHALL HAVE A MANUAL FLOW ADJUSTMENT.
3. PROVIDE AND INSTALL ONE CONTROL VALVE BOX FOR EACH ELECTRIC CONTROL VALVE.

L. CONTROL VALVE BOXES

1. USE 10" X 10 1/4" ROUND BOX FOR ALL GATE VALVES, CARSON INDUSTRIES 910-12B WITH GREEN BOLT DOWN COVER OR APPROVED EQUAL. EXTENSION SLEEVE SHALL BE PVC-6-INCH MINIMUM SIZE.
2. USE 9-1/2" X 16" X 11" RECTANGULAR BOX FOR ALL ELECTRIC CONTROL VALVES, CARSON INDUSTRIES 1419-12B WITH GREEN BOLT DOWN COVER OR APPROVED EQUAL.

M. SPRINKLER HEADS:

1. ALL SPRINKLER HEADS SHALL BE OF THE SIZE, TYPE, AND DELIVER THE SAME RATE OF PRECIPITATION WITH THE DIAMETER (OR RADIUS) OF SPRAY, PRESSURE, AND DISCHARGE IN G.P.M. AS SHOWN ON THE DRAWINGS AND/OR SPECIFIED IN THESE SPECIAL PROVISIONS.
2. ALL SPRAY TYPE SPRINKLERS SHALL HAVE A SCREW ADJUSTMENT.
3. RISER/SWING JOINT ASSEMBLIES SHALL BE FABRICATED IN ACCORDANCE WITH THE IRRIGATION CONSTRUCTION DETAILS SHOWN ON THE DRAWINGS.
4. RISER NIPPLES FOR ALL SPRINKLER HEADS SHALL BE THE SAME SIZE AS THE RISER OPENING IN THE SPRINKLER BODY.

PART 3 – EXECUTION

3.1 INSPECTION:

A. SITE CONDITIONS

1. ALL SCALED DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL CHECK AND VERIFY AN SITE DIMENSIONS AND RECEIVE LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO PROCEEDING WITH WORK UNDER THIS SECTION.
2. EXERCISE EXTREME CARE IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO UTILITIES WHICH ARE CAUSED BY HIS OPERATIONS OR NEGLECT. CHECK EXISTING UTILITIES DRAWINGS OR CALL UTILITIES COMPANIES FOR EXISTING UTILITY LOCATIONS.

No.	REVISION	BY	DATE
4			
3			
2			
1			

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ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT — Patricia Boyd, RLA #6368 — JULY 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

designlab 252
P.O. Box 27616 Fresno, CA 93729
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GRADING PERMIT NUMBER: BG26-00092

L525

DEPARTMENT OF PUBLIC WORKS

2600 FRESNO ST.
FRESNO, CALIFORNIA 93721
(559) 621-8650

PW. FILE NO. 13245
PROJ. ID. PWC0086
FUND NO. 72506
ORG. NO. 180901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS

RIVER WEST EATON TRAIL EXT. PH 1
CITY OF FRESNO
IRRIGATION NOTES

REVIEWED
OFFICE ENG._____ CITY ENG._____
DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED
SHEET NO. 132
OF 133 SHEETS
15-E-14713

8/17/2026 8:11 PM C:\Users\jvonn\D365 Projects\D365 Item Files\PW0086\PW0086_IRRIGATION PLAN_GEN.dwg 4 Eaton Trail West\DS-DAS\SP-LAND\LS-LANDSCAPE PLAN\LS-01.3-IRRIGATION PLAN_GEN.dwg 4 Layout

WARNING
POWER LINES OVERHEAD

811 Know what's below. Call before you dig.

GENERAL PROJECT INFORMATION

Date:	5/1/2026
Project Name:	RIVER WEST EATON TRAIL EXTENSION PH 1

Commercial or Residential : [X] Commercial [ ] Residential

PROJECT APPLICANT INFORMATION

Name:	Patrick Boyd	**Company Phone No.**	559-472-9966
Title:	Landscape Architect	**Mobile Phone No.**	559-901-8647
Company:	Designlab 252	**Email Address:**	patrick@designlab252.com
Street Address:	1547 E. Pryor Drive		
City:	Fresno	**State:** CA	**Zip Code:** 93720

PROJECT ADDRESS AND LOCATION INFORMATION

Parcel, tract or lot number, if available:	N/A	**Latitude/Longitude (optional):**	
Street Address:			
City:	Fresno	**State:** CA	**Zip Code:**

PROPERTY OWNER/DESIGNEE INFORMATION

Name:	CITY OF FRESNO	**Telephone No.**	
Title:	PUBLIC WORKS DEPARTMENT	**Fax No.**	
Company:		**Email Address:**	
Street Address:			
City:		**State:**	**Zip Code:**

Project Type: [X] New [ ] Rehabilited [ ] Public [ ] Private [ ] Cemetary [ ] Homeowner Installed

Compliance Type: [X] Full Compliance [ ] Prescriptive Compliance

Water Type: [X] Potable [ ] Recycled [ ] Well

Water Purveyor: CITY OF FRESNO (City of xxxx, County of xxx, Private Water Co, etc)

Insert monthly Eto and Precipitation totals where:

LOCATION: FRESNO

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
ETo/Mo	1.2	1.9	3.6	5.1	7.2	8.5	9.1	8.1	5.9	3.6	1.7	1.0	56.9

HA-PALM AVE (SF)-by Valve

PALM AVE CONTROLLER		Type	Hydrozone	Area	A *Trees (B1/DR) VL	LW	MW	HW	B Shrubs/GC (B2/DL) VL	LW	MW	HW	C Turf/GC (S/R) VL	LW	MW	HW	D Temp LW	E Water Feature HW
VALVE NUMBER	1	A	LW	1417.0	0	1417	0	0	0	0	0	0	0	0	0	0	0	0
	2	B	LW	1058.6	0	0	0	0	0	1059	0	0	0	0	0	0	0	0
	3	B	LW	2881.6	0	0	0	0	0	2882	0	0	0	0	0	0	0	0
	4	A	LW	6127.0	0	6127	0	0	0	0	0	0	0	0	0	0	0	0
	5				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12				0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS					0	7544	0	0	0	3940	0	0	0	0	0	0	0	0

* Hydrozone area for all tree valves calculated by using the mature canopy of trees

*Hydro zone	Water Use	Plant Factor	Project Value
VL	Very Low	0-0.1	0.1
LW	Low	0.1-0.3	0.3
MW	Medium	0.4-0.6	0.5
HW	High	0.7-1.0	0.7
SLA	Special	1	1

** Irrigation Method		
B1	Drip Bubbler Tree	0.81
B2	Drip Bubbler Shru	0.81
DL/DR	Drip line/Drip Rin	0.81
R	Rotor	0.75
S	Spray	0.75

Type	
A	Trees
B	Shrubs/GC on bubblers
C	Turf/GC on Sprays
D	Temp (< 2 years only)
E	Water Feature-pool or fountain

HA-WW (SF)-by Valve

WOODWARD CONTROLLER		Type	Hydrozone	Area	A *Trees (B1/DR) VL	LW	MW	HW	B Shrubs/GC (B2/DL) VL	LW	MW	HW	C Turf/GC (S/R) VL	LW	MW	HW	D Temp LW	E Water Feature HW
VALVE NUMBER	1	A	LW	8341.6	0	8342	0	0	0	0	0	0	0	0	0	0	0	0
	2	B	LW	2705.5	0	0	0	0	0	2706	0	0	0	0	0	0	0	0
	3	B	LW	1823.4	0	0	0	0	0	1823	0	0	0	0	0	0	0	0
	4	A	LW	7126.9	0	7127	0	0	0	0	0	0	0	0	0	0	0	0
	5	B	LW	2332.9	0	0	0	0	0	2333	0	0	0	0	0	0	0	0
	6	B	LW	2666.1	0	0	0	0	0	2666	0	0	0	0	0	0	0	0
	7	B	LW	2058.3	0	0	0	0	0	2058	0	0	0	0	0	0	0	0
	8	A	LW	8360.3	0	8360	0	0	0	0	0	0	0	0	0	0	0	0
	9				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11				0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12				0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS					0	23829	0	0	0	11586	0	0	0	0	0	0	0	0

* Hydrozone area for all tree valves calculated by using the mature canopy of trees

*Hydro zone	Water Use	Plant Factor	Project Value
VL	Very Low	0-0.1	0.1
LW	Low	0.1-0.3	0.3
MW	Medium	0.4-0.6	0.5
HW	High	0.7-1.0	0.7
SLA	Special	1	1

** Irrigation Method		
B1	Drip Bubbler Tree	0.81
B2	Drip Bubbler Shru	0.81
DL/DR	Drip line/Drip Rin	0.81
R	Rotor	0.75
S	Spray	0.75

Type	
A	Trees
B	Shrubs/GC on bubblers
C	Turf/GC on Sprays
D	Temp (< 2 years only)
E	Water Feature-pool or fountain

CALCS-PALM AVE

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package

Reference Evapotranspiration (ETo) 56.9 **Project type ETAF** 0.45

HYDROZONE#/PLANTING DESCRIPTION	HYDROZONE*	PF	IRRIGATION METHOD	Irrigation Efficiency (IE)	ACTUAL ETAF (PF/IE)	LANDSCAPE AREA (Sq. Ft.)	ACTUAL ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU)
Regular Landscape Areas								
TREES	VERY LOW	0.1	B1/DR	0.81	0.12	0	0	**0**
	LOW	0.3	B1/DR	0.81	0.37	7,544	2,794	**98,569**
	MEDIUM	0.5	B1/DR	0.81	0.62	0	0	**0**
	HIGH	0.7	B1/DR	0.81	0.86	0	0	**0**
SHRUBS/GC	VERY LOW	0.1	B2/DL	0.81	0.12	0	0	**0**
	LOW	0.3	B2/DL	0.81	0.37	3,940	1,459	**51,482**
	MEDIUM	0.5	B2/DL	0.81	0.62	0	0	**0**
	HIGH	0.7	B2/DL	0.81	0.86	0	0	**0**
TURF/GC	VERY LOW	0.1	R/S	0.75	0.13	0	0	**0**
	LOW	0.3	R/S	0.75	0.40	0	0	**0**
	MEDIUM	0.5	R/S	0.75	0.67	0	0	**0**
	HIGH	0.7	R/S	0.75	0.93	0	0	**0**
TEMPORARY	LOW	0.3	[redacted]	1	0.30	0	0	**0**
WATER FEATURE	HIGH	0.7	[redacted]	1	0.70	0	0	**0**
TOTALS						**11,484**	**4,253**	**150,052**
Special Landscape Areas								
	[redacted]				1.00	**0**	[redacted]	
							ETWU TOTAL	**150,051.71**
							(MAXIMUM ALLOWED WATER ALLOWANCE) MAWA	**182,312.82**

**** Enter total SLA area here**

ETAF Calculations		
Regular Landscape Areas		
Total ETAF x area		4,253
Total Area		11,484
Average ETAF		**0.37**
All Landscape Areas		
Total ETAF x area		**4,253**
Total Area		**11,484**
Sitewide ETAF		**0.37**

MAWA = ETo x 0.62 x Project ETAF x LA +((1-PROJECT ETAF)*SLA)
182312.82 = 56.9 x 0.62 x 0.45 x 11484.2

ETWU = ETo x 0.62 x ACTUAL ETAF X AREA
150051.71 = 56.9 x 0.62 x 4253

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non residential areas

2026-05-01 mwelo_100
CALCS-PALM AVE

CALCS-WW

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package

Reference Evapotranspiration (ETo) 56.9 **Project type ETAF** 0.45

HYDROZONE#/PLANTING DESCRIPTION	HYDROZONE*	PF	IRRIGATION METHOD	Irrigation Efficiency (IE)	ACTUAL ETAF (PF/IE)	LANDSCAPE AREA (Sq. Ft.)	ACTUAL ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU)
Regular Landscape Areas								
TREES	VERY LOW	0.1	B1/DR	0.81	0.12	0	0	**0**
	LOW	0.3	B1/DR	0.81	0.37	23,829	8,825	**311,345**
	MEDIUM	0.5	B1/DR	0.81	0.62	0	0	**0**
	HIGH	0.7	B1/DR	0.81	0.86	0	0	**0**
SHRUBS/GC	VERY LOW	0.1	B2/DL	0.81	0.12	0	0	**0**
	LOW	0.3	B2/DL	0.81	0.37	11,586	4,291	**151,383**
	MEDIUM	0.5	B2/DL	0.81	0.62	0	0	**0**
	HIGH	0.7	B2/DL	0.81	0.86	0	0	**0**
TURF/GC	VERY LOW	0.1	R/S	0.75	0.13	0	0	**0**
	LOW	0.3	R/S	0.75	0.40	0	0	**0**
	MEDIUM	0.5	R/S	0.75	0.67	0	0	**0**
	HIGH	0.7	R/S	0.75	0.93	0	0	**0**
TEMPORARY	LOW	0.3	[redacted]	1	0.30	0	0	**0**
WATER FEATURE	HIGH	0.7	[redacted]	1	0.70	0	0	**0**
TOTALS						**35,415**	**13,117**	**462,728**
Special Landscape Areas								
					1.00	**0**	**0**	
							ETWU TOTAL	**462,727.81**
							(MAXIMUM ALLOWED WATER ALLOWANCE) MAWA	**562,214.29**

**** Enter total SLA area here**

ETAF Calculations		
Regular Landscape Areas		
Total ETAF x area		13,117
Total Area		35,415
Average ETAF		**0.37**
All Landscape Areas		
Total ETAF x area		**13,117**
Total Area		**35,415**
Sitewide ETAF		**0.37**

MAWA = ETo x 0.62 x Project ETAF x LA +((1-PROJECT ETAF)*SLA)
562214.29 = 56.9 x 0.62 x 0.45 x 35414.85

ETWU = ETo x 0.62 x ACTUAL ETAF X AREA
462727.81 = 56.9 x 0.62 x 13117

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non residential areas

2026-05-01 mwelo_100
CALCS-WW

No.	REVISION	BY	DATE
4			
3			
2			
1			

100% CONSTRUCTION DOCUMENT SUBMITTAL
ISSUED FOR BIDDING

LICENSED LANDSCAPE ARCHITECT — Patrick Boyd, No. 6481 — JUL 31, 2027 — MAY 8, 2026 — STATE OF CALIFORNIA

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GRADING PERMIT NUMBER: BG26-00092

L526

DEPARTMENT OF PUBLIC WORKS

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FRESNO, CALIFORNIA 93721
(559) 621-8650

PW FILE NO. 13245
PROG. ID. PW00986
FUND NO. 21006
ORG. NO. 182901
REF. & REV.

CITY OF FRESNO | DEPARTMENT OF PUBLIC WORKS
RIVER WEST EATON TRAIL EXT. PH 1
MWELO DOCUMENTS

REVIEWED
OFFICE ENG.:_____ CITY ENG.:_____

DR. BY: KJ
CH. BY: PB
DATE: 08/17/2026
SCALE: AS NOTED

SHEET NO. 133
OF 133 SHEETS

15-E-14714

5/5/2026 8:11 PM C:\Users\kjohn\OneDrive\Documents\Projects\2026\15-E-14714-12-002 Eaton Trail West\05-CAD\15-PLANS\01.5-LANDSCAPE PLANS\01.5.10-IRRIGATION PLAN_SHEET.dwg Layout: 24x36