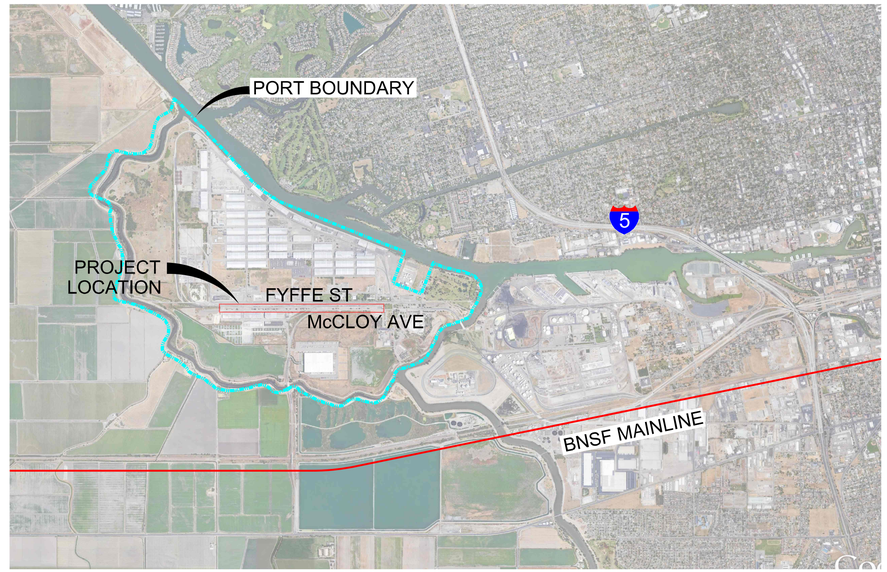
PORT OF STOCKTON
McCLOY RAIL YARD

315 W FYFFE STREET
STOCKTON, CA 95203



VICINITY MAP
SCALE: N.T.S.



POINTS OF CONTACT:

1. OWNER: PORT OF STOCKTON, JASON KATINDOY; 315 WEST FYFFE ST., STOCKTON, CA–95203; TELEPHONE: (209) 946–0246.
2. PRIME CONSULTANT: HDR, INC., MATTHEW ARCHER, PE; 2379 GATEWAY OAKS, SUITE 200, SACRAMENTO, CA–95833; TELEPHONE: (916) 679–8700.
3. CIVIL ENGINEER: JMA CIVIL, ARKA GHOSH, PE; 5250 CLAREMONT AVE., STE. 227, STOCKTON, CA 95207; TELEPHONE: (925) 400–4356.
4. LAND SURVEYOR: CINQUINI & PASSARINO, JAMES DICKEY, PLS; 1630 N DUTTON AVE., #150, SANTA ROSA, CA–95401; TELEPHONE: (707) 542–6268
5. GEOTECHNICAL ENGINEER: KLEINFELDER, INC. NATHAN L. DAHLEN; 2001 ARCH AIRPORT RD, STE. 100 STOCKTON CA 95206; TELEPHONE: (209) 948–1345.
6. RAILROAD: CENTRAL CALIFORNIA TRACTION COMPANY (CCTC), JASON NALDER, 2201 WEST WASHINGTON ROAD SUITE #12., STOCKTON, CA–95203; TELEPHONE: (209) 466–6927.

PROJECT DOCUMENTS:

1. PROJECT DOCUMENTS: THE FOLLOWING DOCUMENTS ARE INCLUDED IN THE SCOPE OF THE PROJECT:.
   - A. BASIS OF DESIGN MEMORANDUM DATED 08/31/2026.
   - B. STORMWATER REPORT DATED 08/31/2026.
   - C. PROJECT TECHNICAL SPECIFICATIONS DATED 08/31/2026.
   - D. 100% GEOTECHNICAL REPORT DATED 08/14/2026.
   - E. SITE 47 DTSC REMEDIATION DATED 08/31/2026.

CODES AND STANDARDS:

1. GOVERNING CODES AND STANDARDS: THE CURRENT VERSIONS OF THE FOLLOWING STANDARDS, GOVERN THE CONSTRUCTION OF THE WORK EXCEPT AS NOTED OTHERWISE.
   - A. CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS)
   - B. THE UNION PACIFIC RAILROAD/ BNSF RAILWAY COMPANY TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF INDUSTRIAL TRACKS
   - C. AMERICAN RAILWAY ENGINEERING AND MAINTENANCE–OF–WAY ASSOCIATION (AREMA) MANUAL FOR RAILWAY ENGINEERING
   - D. THE CALIFORNIA PUBLIC UTILITIES COMMISSION (CPUC) GENERAL ORDERS
   - E. PORT OF STOCKTON TRACK DESIGN STANDARDS
   - F. CAMUTCD 2026 CHAPTER 8B

   IN THE EVENT OF A CONFLICT BETWEEN THE REFERENCED STANDARDS, FOR RAILROAD WORK: PORT OF STOCKTON STANDARDS SHALL GOVERN. IN ADDITION, CONSTRUCTION MUST ADHERE TO ALL FEDERAL RAILWAY ADMINISTRATION (FRA), STATE AND LOCAL REQUIREMENTS.

   FOR ROADWAY WORK: CALTRANS SPECIFICATIONS SHALL GOVERN.

   FOR UTILITY WORK: THE CITY OF STOCKTON STANDARD DETAILS AND SPECIFICATIONS SHALL GOVERN.

DESCRIPTION OF WORK:

1. FINAL ISSUED FOR CONSTRUCTION PLANS: CONSTRUCTION OR PROCUREMENT OF MATERIALS FROM PLANS NOT MARKED "ISSUED FOR CONSTRUCTION" IS AT THE OWNER AND/OR CONTRACTOR'S RISK. ONLY PLANS MARKED "ISSUED FOR CONSTRUCTION" ARE DEEMED COMPLETE AND READY FOR CONSTRUCTION.
2. THE FOLLOWING SCOPE OF WORK IS INCLUDED IN THIS CONTRACT:
   - A. SITE CLEARING AND GRUBBING, DEMOLITION, STAKING, ROUGH GRADING, FINAL GRADING, INSTALLATION OF DITCHES AND DRAINAGE FACILITIES AND FINAL PREPARATION OF SUBGRADE
   - B. PLACEMENT OF SUBBALLAST, BALLAST AND ALL TRACK WORK. TRACK WORK WILL INCLUDE A NEW PORT DOUBLE LEAD TRACK IN THE BNSF RIGHT–OF–WAY AND EAST COMPLEX; AND A NEW CLASSIFICATION YARD OFF THE EXISTING PORT LEAD IN WEST COMPLEX.
   - C. ON–SITE UTILITIES & ENCASING EXISTING UTILITIES
   - D. FENCING AND GUARD RAIL INSTALLATION
   - E. ASPHALT, GRAVEL AND CONCRETE PAVING
   - F. SIGNAGE AND STRIPING
3. CONTRACTOR RESPONSIBILITIES: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRACK CONSTRUCTION WITHIN AND OUTSIDE EXISTING RAILROAD RIGHT–OF–WAY. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS, INCLUDING BALLAST, FOR CONSTRUCTION WITHIN CONTRACTOR'S LIMITS OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING ALL WORK FOR THE PROJECT, INCLUDING ALL WORK TO BE CONSTRUCTED BY THE RAILROAD.
4. WORK BY OTHERS: THE OWNER WILL BE PROVIDED THE FOLLOWING ADDITIONAL WORK IN SEPARATE PACKAGES:
   - A. HUMPHREYS STREET TWIC GATE IMPROVEMENTS
   - B. GILLIS AVENUE PORT POWER AND AT&T RELOCATION
   - C. KINDER–MORGAN FUEL PIPELINE RELOCATION
5. RELATED WORK: THE FOLLOWING WORK PACKAGES ARE PART OF THE BID DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE SCOPE OF WORK AND SCHEDULE OF THIS WORK WITH ALL OTHER PACKAGES. SEE TABLE 1 OF PROJECT MANUAL FOR ALL APPLICABLE SPECIFICATIONS:
   - A. PORT OVERHEAD PIPELINE RESTORATION
   - B. PORT LONG LEAD DOUBLE TRACK
   - C. PORT WEST COMPLEX ROADWAYS
   - D. PORT SITE 47 DTSC REMEDIATION
6. CONTRACTOR DELEGATED SUBMITTAL: CONTRACTOR SHALL PERFORM DETAILED DESIGN AND OBTAIN PORT, RAILROAD, AND CITY OF STOCKTON APPROVAL FOR THE FOLLOWING:
   - A. BRIDGING SLAB FOR PROTECTION OF 8" PORT SEWER
   - B. BRIDGING SLAB FOR PROTECTION OF 33" CITY FORCE MAIN

FUTURE WORK:

1. THE FOLLOWING SCOPE OF WORK WILL BE BID SEPARATELY AND WILL REQUIRE COORDINATION DURING CONSTRUCTION:
   - A. PORT OF STOCKTON RAIL REHABILITATION & UPGRADES

CAUTION BEFORE EXCAVATION:

1. UNDERGROUND UTILITY IDENTIFICATION: SECTION 4216 / 4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID. FOR YOUR DIG ALERT IDENTIFICATION NUMBER, CALL UNDERGROUND SERVICE ALERT 1–800–227–2600 (CENTRAL/NORTHERN CA & NEVADA) FOR UNDERGROUND LOCATING AT LEAST TWO (2) WORKING DAYS BEFORE YOU DIG.

SURVEY NOTES:

1. SURVEY NOTES: SURVEY DETAILS AND SURVEY CONTROL ARE SHOWN ON SHEET G–100.
2. BASE SURVEY: SEE SHEET G–100.
3. PROJECT BENCHMARK: SEE SHEET G–100.
4. BASIS OF BEARING: BEING NORTH 10°02'25.4" EAST BETWEEN CORS STATION P257 AND P273, BASED ON COORDINATES PROVIDED BY THE CALIFORNIA SPATIAL REFERENCE CENTER. PROJECT IS BASED ON CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3, EPOCH 2017.50.
5. VERTICAL DATUM: SEE SHEET G–100.
6. HORIZONTAL DATUM: SEE SHEET G–100.
7. GRID TO GROUND CONVERSION: ALL COORDINATES SHOWN ON THE DRAWINGS ARE "GRID". THE MEAN COMBINATION FACTOR = 0.9999402009. TO CONVERT FROM GRID TO GROUND, DIVIDE BY THE MEAN COMBINATION FACTOR.
8. PROPERTY LINES: ALL PROPERTY AND RIGHT–OF–WAY LINES DEPICTED ON PLANS ARE FOR INFORMATION ONLY. RIGHT–OF–WAY BOUNDARY DATA IN THE FORM OF DRAWINGS AND LEGAL DESCRIPTIONS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, WILL BE PROVIDED BY THE OWNER PRIOR TO CONSTRUCTION STAKING.
9. ELECTRONIC FILE DATA: MICROSTATION CAD FILES OF THE PLAN VIEW DRAWINGS ONLY WILL BE PROVIDED BY THE ENGINEER ALONG WITH ONE SET OF HARD COPY DRAWINGS. CONVERSION OF DRAWINGS TO OTHER FORMATS IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL ROAD AND RAIL STAKING SHALL BE BASED ON COORDINATE GEOMETRY TABLES, WHEN PROVIDED, VERSUS FROM CAD FILES. IN THE EVENT OF DISCREPANCY BETWEEN CAD FILES AND HARD COPY DRAWINGS, THE HARD COPY DRAWINGS SHALL GOVERN. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY DISCREPANCIES. BOUNDARY STAKING SHALL BE BASED ON SIGNED AND STAMPED HARD COPY DRAWINGS ONLY.
10. TRAMMELL CROW TRACKS: TRAMMELL CROW TRACKS SHOWN ON PLANS ARE BASED ON AS–BUILT CAD DATA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE TRACKS TO DETERMINE ANY POTENTIAL CONFLICTS WITH PROPOSED IMPROVEMENTS.

SUBCONSULTANT:

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5250 Claremont Ave, Ste. 227
Stockton, CA 95207
T: 925.400.4356
www.jmacivil.com

SUBCONSULTANT:

HDR
2379 Gateway Oaks, Ste. 200
Sacramento, CA 95833
T: 916.679.8700
www.hdrinc.com

PRIME CONSULTANT:

LICENSED PROFESSIONAL ENGINEER — ARKAPRABHA GHOSH — C91571 — Exp. 09/30/28 — CIVIL ENGINEER — STATE OF CALIFORNIA

PROFESSIONAL SEAL:

ISSUED FOR BID

NOT FOR CONSTRUCTION

08/31/2026

ISSUE:

REVISIONS:

MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TITLE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO. G–001

SHEET 1 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh - 4:01:50 PM - pw://JMA-PW-APP.jmadvlt.com:JMA-PW/Documents/Projects/21273-HDR/ps/Rail/Sheets/McCloy Yard/G-001 Title Sheet.dgn
8/31/2026

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66	TRACK F CROSS SECTION STA. 2+31 TO 3+00	CT-821
67	TRACK F CROSS SECTION STA. 4+00 & 7+00	CT-822
68	TRACK F CROSS SECTION STA. 7+30	CT-823

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

DRAWING INDEX

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO.
G-002
SHEET 2 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/6/2026 - 4:47:30 PM - pw://JMA-PW-APP.jmadm.com:JMA-PW/Documents/Projects/21273-HDRPoSRail/Sheets/McCloy Yard/G-002 Index of Drawings.dgn

LINESTYLES

LINESTYLES	PROPOSED	EXISTING
COMPRESSED AIR LINE	CA	CA
COMMUNICATION LINES	COM	COM
POWER LINE UNDERGROUND	E	E
FUEL GAS PIPING	FG	FG
FORCE MAIN	FM	FM
FIBER OPTIC	FO	FO
FIRE WATER	F	F
NATURAL GAS PIPING	NG	NG
COMMUNICATION LINE OVERHEAD	COM	COM
POWER LINES OVERHEAD	OE	OE
TELEPHONE LINE OVERHEAD	OT	OT
CABLE TV OVERHEAD	OTV	OTV
STORM DRAIN	SD	SD
SANITARY SEWER	SS	SS
TELEPHONE LINE	TV	TV
UNDERDRAIN	UD	UD
WATER LINE	W	W
CENTER LINE		
CULVERT		
MATCHLINE		
LEASE LIMITS		
SILT FENCE		
SITE 47/ SITE 19 BOUNDARY		

LINESTYLES

LINESTYLES	PROPOSED	EXISTING
GUARDRAIL		
FENCE CHAIN LINK		
SHEET PILE WALL		
GRADING LIMITS (CUT)		
GRADING LIMITS (FILL)		
PROPOSED BASIN		
PROPOSED DITCH BOTTOM		
LIMITS OF CONSTRUCTION		
EASEMENT		
HEDGE		
PIPE ABANDON IN PLACE		
GROUND SLOPE	2%	
PIPE FLOW SLOPE		
RAILROAD TRACK		
RAIL RELAY		
REMOVE TRACK		
FUTURE TRACK		
RAIL HARDENING TRACK		

HATCH PATTERNS

HATCH PATTERNS	PROPOSED	EXISTING
ASPHALT CONCRETE PAVEMENT		
CONCRETE PAVEMENT		
LANDSCAPING		
ENGINEERED FILL		
BALLAST		
AGGREGATE BASE		
RIPRAP		
SUBBALLAST		
OVER-EXCAVATION		
FUTURE WORK		
BUILDING OUTLINE		
WOOD		
STEEL		
LIMIT OF ASPHALT		
ACCESS ROAD		

SYMBOLS

SYMBOLS	PROPOSED	EXISTING
WATER VALVE	W	W
HYDRANT		
SANITARY SEWER MANHOLE		
STORM DRAIN MANHOLE		
STORM DRAIN MANHOLE WITH GRATE		
POWER POLE		
ELECTRIC BOX	E	E
FUEL MANHOLE	FC	FC
STORM DRAIN CATCH BASIN 24"X24"		
STORM DRAIN CATCH BASIN 24"X36"		
YARD INLET		
LANDSCAPE DRAIN		
TREE		
TRAFFIC DIRECTION		
GUY WIRE		
LUMINAIRE		
POLE-MOUNTED LUMINAIRE		
STORM SEWER CLEANOUT	CO	CO
PIPE FLARED END SECTION		
PIPE CAP		
HAND THROW TURNOUT		
REMOVE TURNOUT		
FUTURE TURNOUT		
MANUAL DERAIL		
POWER DERAIL		

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION SERVICES	CCTC	CENTRAL CALIFORNIA TRACTION COMPANY	EOT	END OF TRACK	K-M	KINDER MORGAN	O.C.	ON CENTER	ROW	RIGHT OF WAY	TWIC	TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL
AB	AGGREGATE BASE; ANCHOR BOLT	CIPP	CURED-IN-PLACE PIPE	EP	EDGE OF PAVEMENT	L	LENGTH	OD	OUTSIDE DIAMETER	RR	RAILROAD	TYP	TYPICAL
ABV	ABOVE	CIP	CAST IRON PIPE	EQN	EQUATION	LS	LUMP SUM	OFF	OFFSET	RT	RIGHT		
AC	ACRE	CL	CENTER LINE	ESMT	EASEMENT	LBS	POUNDS	OG	ORIGINAL GROUND	RW	RETAINING WALL	U/S	UPSTREAM
AC	ASPHALT CONCRETE	CLR	CLEARANCE	Eu	UNBALANCED SUPERELEVATION	LOC	LOCATION(S)	OH/OVHD	OVERHEAD			UD	UNDERDRAIN
ADJ	ADJUST	CMP	CORRUGATED METAL PIPE	EX./(E)	EXISTING	LF	LINEAR FOOT	OHE	OVERHEAD ELECTRIC	S	SOUTH/SLOPE	UDCO	UNDERDRAIN CLEANOUT
APPROX	APPROXIMATE	CO	CLEAN OUT	EXPY	EXPRESSWAY	LHTO	LEFT HAND TURNOUT	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	SAN	SANITARY	UE	UNDERGROUND ELECTRIC
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION	CONC	CONCRETE	FC	FACE OF CURB	LP	LOW POINT/LIGHT POLE			SB	SOUTHBOUND	UG	UNDERGROUND
ASPH	ASPHALT	CONST	CONSTRUCT	FES	FLARED END SECTION	Ls	LENGTH OF SPIRAL	PC	POINT of CURVE	SC	SPIRAL to CURVE	UPRR	UNION PACIFIC RAILROAD
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	CONT	CONTINUOUS	FG	FINISHED GRADE (UNPAVED)	LT	LEFT	PCC	PORTLAND CEMENT CONCRETE	SCH	SCHEDULE	UT	UNDERGROUND TELEPHONE
AVE	AVENUE	CONT'D	CONTINUED	FH	FIRE HYDRANT			PE	POLYETHYLENE	SD	STORM DRAIN	UTIL	UTILITY
		CP	CONTROL POINT / CLEAR POINT	FL	FLOW LINE	MAX	MAXIMUM	PERF.	PERFORATED	SDMH	STORM DRAIN MANHOLE		
BC	BACK OF CURB	CS	CURVE to SPIRAL	FM	FORCE MAIN	MH	MANHOLE	PERM	PERMANENT	SDCB	STORM DRAIN CATCH BASIN	V/L	GRADE-TO-LENGTH RATIO
BCONC	ELEVATION AT BOTTOM OF CONCRETE	CTRL	CONTROL	FT	FOOT OR FEET	MIN	MINIMUM	PF	POINT OF FROG	SDCO	STORM DRAIN CLEANOUT	VAR	VARIANCE
BGN	BEGIN	CULV	CULVERT	fy	YIELD STRENGTH	MISC	MISCELLANEOUS	PGL	PROFILE GRADE LINE	SDR	STANDARD DIMENSION RATIO	VC	VERTICAL CURVE
BK	BACK	CWR	CONTINUOUS WELDED RAIL	FW	FIRE WATER			PI	POINT of INTERSECTION	SE	SOUTHEAST	VEH	VEHICLE
BLDG	BUILDING	CY	CUBIC YARDS			mm	MILLIMETER	PIP	PROTECT IN PLACE	SF	SQUARE FOOT	VERT	VERTICAL
BLVD	BOULEVARD			GA	GAUGE			PL	PROPERTY LINE	SQ	SQUARE	VIF	VERIFY IN FIELD
BM	BENCHMARK	D/S	DOWNSTREAM	GALV	GALVANIZED	MP	MILE POST	PM	PAVEMENT MARKING	SHLD	SHOULDER	VPC	VERTICAL POINT OF CURVATURE
BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY	DEPT	DEPARTMENT	GB	GRADE BREAK	MPH	MILES PER HOUR	POT	POINT on TANGENT	SS	SANITARY SEWER	VPI	VERTICAL POINT OF INCIDENCE
BTM/BOT	BOTTOM	DI	DRAINAGE INLET / DUCTILE IRON	GR	GRATE	MTCE	MAINTENANCE	PP	POWER POLE	SSCO	SANITARY SEWER CLEANOUT	VPT	VERTICAL POINT OF TANGENCY
BW	BACK OF WALK/BOTTOM OF WALL	DIA	DIAMETER	HDPE	HIGH DENSITY POLYETHYLENE	MW	MONITORING WELL	PROF	PROFILE	SSMH	SANITARY SEWER MANHOLE		
		DIST	DISTRICT	HDW	HEADWALL			PROP.	PROPOSED	SD	STORM DRAIN	W	WEST
C&G	CURB & GUTTER	DN	DOWN	HORIZ	HORIZONTAL	N	NORTH/NORTHING	PS	POINT of SWITCH	ST	SPIRAL to TANGENT/ STREET	W	WIDTH
C.I.P.	CAST IN PLACE	DOC	DEGREE OF CURVE	HP	HIGH POINT/HORSE POWER	N.I.C.	NOT IN CONTRACT	PSI	POUND PER SQUARE INCH	STA	STATION	W/	WITH
CA	CALIFORNIA	DR.	DRIVE	HTTO	HAND-THROW TUNROUT	NB	NORTHBOUND	PT	POINT of TANGENCY / POINT OF VERTICAL CURVE	STD	STANDARD	W/O	WITHOUT
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION	DSP	DOUBLE SWITCH POINT	HWE	HIGH WATER ELEVATION	NE	NORTHEAST	PVC	POLYVINYL CHLORIDE / POINT	SW	SIDEWALK / SWITCH	WB	WESTBOUND
CB	CATCH BASIN	DTSC	DEPARTMENT OF TOXIC SUBSTANCES CONTROL	HWL	HIGH WATER LEVEL	NO.	NUMBER	PVD	PAVED	T	TANGENT	WM	WATER MAIN
C-C	CENTER-CENTER	DWG	DRAWING	ID	INSIDE DIAMETER	NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	PVMT	PAVEMENT MARKING	TO	TURNOUT	WSEL	WATER SURFACE ELEVATION
		DWY	DRIVEWAY	IN	INCH	NOI	NOTICE OF INTENT	PWR	POWER	T/	TOP OF		
				INL	INLET	NOT	NOTICE OF TERMINATION	QTY	QUANTITY	TBD	TO BE DETERMINED	XING	CROSSING
		E	EAST/EASTING	INS JNT	INSULATED JOINT	NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM			TC	TOP OF CURB	X-OVER	CROSSOVER
		EA	EACH	INST	INSTALL			R	RADIUS	TCC	TRAMMELL CROW COMPANY		
		Ea	ACTUAL SUPERELEVATION	INV	INVERT	NTS	NOT TO SCALE	RCB	REINFORCED CONCRETE BOX CULVERT	TCONC	ELEVATION AT TOP OF CONCRETE		
		EB	EASTBOUND	JT	JOINT	NW	NORTHWEST	RCP	REINFORCED CONCRETE PIPE	TEMP	TEMPORARY		
		Ee	EQUILIBRIUM SUPERELEVATION	JTD	JOINTED			RD	ROAD	TF	TRACK FEET		
		EG	EXISTING GRADE	JP	JOINT POLE			RDWY	ROADWAY	TP	TOP OF PAVEMENT		
		EL/ELEV	ELEVATION					RHTO	RIGHT HAND TURNOUT	TOR	TOP OF RAIL		
		ENTR	ENTRANCE							TRK	TRACK		
										TS	TANGENT to SPIRAL		

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ISSUED FOR BID

NOT FOR CONSTRUCTION

08/31/2026

REVISIONS:

MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

LEGEND AND ABBREVIATIONS SHEET

PROJ NO: 21273	SHEET NO. G-003
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 3 OF 68
DESIGNED BY: AG	

SUBCONSULTANT:

SUBCONSULTANT:

PRIME CONSULTANT:

PROFESSIONAL SEAL:

ISSUE:

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
9/8/2026 - 5:12:43 PM - pw://JMA-PW-APP.jmadM.com:JMA-PW/Documents/Projects/21273-HDRPoS/Rail/Sheets/McCloy Yard/G-003 Legend & Abbreviation.dgn

EXISTING CONDITION NOTES:

1. VERIFICATION OF EXISTING FIELD CONDITIONS: INSPECT THE PROJECT SITE AND BECOME FAMILIAR WITH ALL EXISTING FIELD CONDITIONS, TRAFFIC, ON-GOING OPERATIONS AND OTHER WORK OR CONDITIONS THAT AFFECT THE EXECUTION OF THE WORK.

2. DEVIATIONS FROM EXISTING CONDITIONS: IMMEDIATELY NOTIFY OWNER OF ALL DEVIATIONS BETWEEN EXISTING SITE CONDITIONS DEPICTED IN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, PRIOR TO STARTING WORK.

3. EXISTING INFORMATION SHOWN ON DRAWINGS: INFORMATION SHOWN ON THE DRAWINGS AND SURVEY CONCERNING FEATURES AND UTILITIES IS NEITHER GUARANTEED NOR ALL-INCLUSIVE. THE LOCATION, MATERIAL AND DIMENSIONS OF EXISTING FACILITIES AND OBSTRUCTIONS ARE BASED UPON SURVEY OR ABOVEGROUND UTILITY STRUCTURES AND AVAILABLE RECORDS (WHERE AVAILABLE) AND ARE SHOWN ON THE PLANS STRICTLY AS AN AID TO THE CONTRACTOR BUT SHALL NOT BE CONSTRUED AS BEING ACCURATE OR COMPLETE. THE CONTRACTOR SHALL VERIFY THE FEATURES PRIOR TO CONSTRUCTION.

4. PROTECTION OF EXISTING STRUCTURES AND UTILITIES: USE CAUTION WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR EXISTING ROADWAYS, UTILITIES, AND ANY FACILITIES NEAR THE CONTRACTOR'S OPERATIONS. PROPERLY SUPPORT AND MAINTAIN ALL STRUCTURES ABOVE OR BELOW GROUND THAT ARE ENCOUNTERED DURING CONSTRUCTION. MAKE ALL THE ARRANGEMENTS WITH THE OWNER'S REPRESENTATIVE FOR THE PROTECTION, RELOCATION, RECONSTRUCTION OR ADJUSTMENT OF EXISTING STRUCTURES, AS REQUIRED IN THE FIELD. ALL DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

5. UNDERGROUND UTILITIES: IF EXISTING SUBSURFACE DRAINAGE OR OTHER UTILITY SYSTEMS THAT ARE NOT SHOWN ON THE DRAWINGS ARE ENCOUNTERED, MAINTAIN AND PRESERVE THE UTILITY SYSTEMS.

6. DEMOLITION AND ABANDONMENT: ALL ITEMS PROPOSED FOR ABANDONMENT, RELOCATION OR DEMOLITION SHALL BE MARKED BY THE CONTRACTOR FOR REVIEW BY THE OWNER. NO ITEM SHALL BE ABANDONED, RELOCATED OR DEMOLISHED UNTIL APPROVED BY THE OWNER.

7. REMOVAL AND DISPOSAL: ALL MATERIALS TO BE DEMOLISHED AND REMOVED FROM THE SITE SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED. SUCH MATERIALS SHALL BE HAULED OFF THE SITE, UNLESS OTHERWISE NOTED, AND DISPOSED OF LEGALLY.

8. SITE 47 OVEREXCAVATION: ALL EXCAVATION PERFORMED IN SITE 47 SHALL REMAIN WITHIN SITE BOUNDARIES AND BE MANAGED IN ACCORDANCE WITH DTSC-APPROVED SITE 47 REMEDIAL DESIGN AND IMPLEMENTATION PLAN AND SITE 19 SOIL AND GROUNDWATER MANAGEMENT PLAN.

9. MAINTAINING ACCESS TO ADJACENT FACILITIES: PHASE AND COMPLETE CONSTRUCTION TO MAINTAIN ACCESS, RAIL SERVICE AND FULL FACILITY OPERATIONS TO ALL ADJACENT OWNERS' AND TENANTS' FACILITIES THROUGHOUT CONSTRUCTION.

10. ARCHEOLOGICAL REMAINS: IF ANY SUSPECTED ARCHEOLOGICAL REMAINS ARE ENCOUNTERED DURING CONSTRUCTION, HALT CONSTRUCTION IN THE VICINITY AND IMMEDIATELY NOTIFY THE OWNER. THE OWNER'S ARCHEOLOGIST WILL DETERMINE THE SIGNIFICANCE OF THE REMAINS AND WILL DIRECT SUBSEQUENT PROCEDURES.

GENERAL NOTES:

1. COMPLIANCE WITH REGULATIONS: BECOME THOROUGHLY FAMILIAR WITH AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL STATUTES, ORDINANCES AND DIRECTIVES.

2. ALL HORIZONTAL AND VERTICAL DISTANCES AND ELEVATIONS ARE IN FEET AND/OR DECIMALS OF FOOT EXCEPT AS NOTED OTHERWISE ON THE PLANS.

3. GEOTECHNICAL INVESTIGATION: THOROUGHLY REVIEW AND COMPLY WITH THE GEOTECHNICAL REPORT REFERENCED ON SHEET G-001.

4. SAFETY AND PROTECTION: ALL BARRICADES, WARNING SIGNS, LIGHTS, DEVICES AND OTHER SAFETY FACILITIES FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ALL TRAFFIC SIGNS SHALL HAVE REFLECTIVE SURFACE. MAKE DAILY INSPECTIONS OF BARRICADES AND FLASHING LIGHTS TO ENSURE PROPER FUNCTIONING OF WARNING DEVICES.

5. EMERGENCY FIRE ACCESS: MAINTAIN EMERGENCY FIRE ACCESS TO THE SITE AND TO NEIGHBORING PROPERTIES AT ALL TIMES THROUGHOUT CONSTRUCTION.

6. NOISE, AIR AND WATER QUALITY: TAKE ALL MEASURES TO ELIMINATE EXCESSIVE NOISE AND ELIMINATE POLLUTION OF AIR AND WATER RESULTING FROM CONSTRUCTION OPERATIONS AND EQUIPMENT. IMPLEMENT ALL MEASURES NECESSARY TO CONTROL DUST, SMOKE AND FUMES FROM CONSTRUCTION EQUIPMENT AND FROM OPERATIONS ON THE WORK SITE IN COMPLIANCE WITH AIR QUALITY REGULATIONS. KEEP JOB SITE FREE OF DEBRIS AT ALL TIMES. DISCHARGE OF OILY, GREASY OR CHEMICAL WASTES INTO WATERWAYS AND SEWERS SHALL NOT BE PERMITTED.

7. HAUL ROUTES: COORDINATE AND OBTAIN PERMITS AND APPROVALS FOR ALL HAUL ROUTES (STATE HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APPROPRIATE AGENCIES HAVING JURISDICTION. HAUL ROUTES SHALL BE SELECTED TO MINIMIZE INTERFERENCE WITH OWNER, CITY AND LOCAL COMMERCIAL OPERATIONS. MAINTAINING HAUL ROUTES AND RESTORING THEM TO THE ORIGINAL CONDITION UPON COMPLETION OF WORK SHALL BE SOLELY AT THE CONTRACTOR'S EXPENSE. KEEP EXISTING PAVED AREAS FREE FROM DIRT TRACKED BY HEAVY EQUIPMENT OPERATIONS. SWEEP AND WASH DOWN ALL HAUL ROUTES OVER PUBLIC STREETS AND PAVED FACILITIES TO/FROM THE CONSTRUCTION AREA. A SWEEPER IS REQUIRED AT ALL TIMES THE CONTRACTOR IS WORKING.

8. TRAFFIC CONTROL: PROVIDE TRAFFIC CONTROL CONFORMING TO CALTRANS AND PERMIT AGENCY STANDARDS.

9. CONSTRUCTION DRAINAGE: SUBMIT A CONSTRUCTION DRAINAGE PLAN SHOWING THE COLLECTION AND DISPOSAL OF SURFACE AND SUBSURFACE WATER THAT MAY BE ENCOUNTERED IN THE COURSE OF CONSTRUCTION.

10. VERIFICATION OF DIMENSIONS: VERIFY ALL FIELD DIMENSIONS AND CLEARANCES PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

11. DEBRIS REMOVAL FROM STORM WATER FACILITIES: CLEAR ALL EXISTING, ADJUSTED, RECONSTRUCTED OR NEW CATCH BASINS, MANHOLES, AND SIMILAR STRUCTURES OF ALL ACCUMULATION OF SILT, DEBRIS AND FOREIGN MATTER. ALL STRUCTURES SHALL BE FREE OF SUCH ACCUMULATION AT THE TIME OF FINAL INSPECTION.

12. CONSTRUCTION STAGING AREA: CONTRACTOR'S CONSTRUCTION STAGING AREA WILL BE IDENTIFIED BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION.

13. ON-SITE CONSTRUCTION ACCESS: CONTRACTOR'S ON-SITE CONSTRUCTION ACCESS ROUTES WILL BE IDENTIFIED BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION.

14. CONSTRUCTION STAKING: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING REQUIRED TO COMPLETE THE PROJECT. MAINTAIN/RESET STAKES AS REQUIRED.

15. PERMITS: CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO START OF WORK.

16. CONTAMINATED SOILS: IN THE EVENT THAT UNEXPECTED REGULATED SUBSTANCES ARE ENCOUNTERED DURING EXCAVATION. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL STATUES, ORDINANCES AND DIRECTIVES WITH RESPECT TO HANDLING AND DISPOSAL OF SUBSTANCES IN ACCORDANCE WITH PROJECT SAFETY DIRECTIVES. CONTRACTOR SHALL STOP WORK AND IMMEDIATELY NOTIFY OWNER PRIOR TO PROCEEDING. COSTS FOR HANDLING AND DISPOSAL OF CONTAMINATED MATERIALS SHALL BE NEGOTIATED WITH THE OWNER PRIOR TO THE BEGINNING OF ANY REMEDIATION WORK.

17. MONUMENTS: RESET ANY PROPERTY, LOT OR SECTION CORNER MONUMENTS DISTURBED BY CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO OWNER. RESET MONUMENTS UNDER THE DIRECT SUPERVISION OF A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF CALIFORNIA.

18. BURNING: NO BURNING OR INCINERATION OF RUBBISH IS PERMITTED ON SITE.

19. EROSION CONTROL: INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES NEEDED TO PREVENT EROSION OF SOILS. REFER TO THE EROSION CONTROL NOTES FOR MORE INFORMATION.

20. STORMWATER POLLUTION PREVENTION PLAN (SWPPP): THIS WORK SHALL BE COVERED UNDER THE MASTER STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY THE CONTRACTOR FOR ALL WORK PACKAGES COVERED IN THE POR'S BID DOCUMENTS, BASED ON A GENERAL PERMIT RISK LEVEL 1 AND SUBMIT TO OWNER FOR REVIEW. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IF, IN ITS OPINION, A DIFFERENT RISK LEVEL SHOULD BE CONSIDERED. CONTRACTOR SHALL RETAIN A COPY OF THE SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR UPDATING THE SWPPP DURING CONSTRUCTION TO ADDRESS ANY CHANGE CONSTRUCTION CONDITIONS. THE CONTRACTOR WILL FILE THE NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) WITH THE STATE.

21. SLOPE GRADING: GRADE ALL PAVEMENTS TOWARDS INLETS IN A UNIFORM MANNER TO PREVENT DEPRESSIONS AND PONDING. GRADE ALL SUMP AND CONTAINMENT AREAS AT A MINIMUM OF 0.5% SLOPE TOWARDS THE DRAIN LOCATION.

22. PRE-CONSTRUCTION MEETING: ARRANGE FOR AND PARTICIPATE IN AN ON-SITE PRE-CONSTRUCTION MEETING WITH THE OWNER, RAILROAD, AND PERMIT AGENCY REPRESENTATIVES, AS APPLICABLE. HOLD MEETING AT LEAST ONE WEEK PRIOR TO START OF WORK.

23. REGULAR CONSTRUCTION MEETINGS: PARTICIPATE IN BI-WEEKLY ON-SITE CONSTRUCTION MEETINGS WITH OWNER, RAILROAD, AND OTHER CONTRACTORS WORKING ON-SITE ASSURE ADHERENCE TO SCHEDULE AND TO AVOID IMPACTS TO ADJACENT PROPERTY OWNERS.

24. PERIODIC RAILROAD REVIEW: AT KEY POINTS DURING CONSTRUCTION, CONTACT RAILROAD REPRESENTATIVES FOR FIELD REVIEW AND APPROVAL. CONTRACTOR SHALL COORDINATE FREQUENCY OF RAILROAD FIELD REVIEW WITH THE RAILROAD PRIOR TO START OF CONSTRUCTION. AT A MINIMUM, THE CONTRACTOR SHALL CONTACT THE RAILROAD FOR SUBGRADE INSPECTION PRIOR TO THE PLACEMENT OF SUBBALLAST AND FOR SUBBALLAST INSPECTION PRIOR TO CONSTRUCTION OF TRACKWORK.

25. DAILY CONSTRUCTION REPORTS: SUBMIT 2 (TWO) COPIES OF DAILY CONSTRUCTION REPORTS TO OWNER AND RAILROAD AT WEEKLY INTERVALS. REPORTS SHALL INCLUDE DESCRIPTION OF WORK COMPLETED AND PHOTOGRAPHS TO DOCUMENT WORK COMPLETED. REPORTS SHALL BE SUBMITTED ON MONDAYS FOR THE WORK COMPLETED THE PRIOR WEEK.

26. MATERIALS TESTING: CONTRACTOR WILL BE RESPONSIBLE TO BEAR COST FOR AND CONDUCT TESTING. COSTS FOR RE-TESTING OF WORK NOT IN COMPLIANCE WILL BE CHARGED TO CONTRACTOR BY REDUCING PAYMENT TO CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST 48 HOURS IN ADVANCE OF ALL SOIL AND ASPHALT COMPACTION AND TESTING FOR CONCRETE COMPRESSIVE STRENGTH.

27. COMPACTION TESTING: COMPACTION TESTING SHALL BE DONE ON EACH FILL AND BACKFILL LAYER. WHERE TESTING RESULTS INDICATE THAT THE REQUIRED DEGREE OF COMPACTION HAS NOT BEEN REACHED, SCARIFY AND MOISTURE CONDITION OR AERATE; OR REMOVE AND REPLACE SOILS TO DEPTH REQUIRED. RECOMPACT AND RETEST UNTIL THE SPECIFIED COMPACTION IS OBTAINED.

28. SPECIAL INSPECTIONS: THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE PERMIT AGENCY TO CONFIRM THE SCOPE OF WORK THAT REQUIRES INSPECTION. THE CONTRACTOR SHALL NOTIFY THE PERMIT AGENCY AT LEAST 48 HOURS IN ADVANCE OF WORK THAT REQUIRES PERMIT AGENCY INSPECTION.

29. FINAL INSPECTION: CONTRACTOR IS RESPONSIBLE FOR CONDUCTING THE FINAL INSPECTION WITH THE PERMIT AGENCY AND OBTAINING THE CERTIFICATE OF OCCUPANCY. FINAL INSPECTION FORM, CERTIFICATE OF OCCUPANCY AND ALL PERMIT DOCUMENTS SHALL BE PROVIDED TO THE OWNER PRIOR TO CONTRACTOR DEMOBILIZATION.

30. TEMPORARY FACILITIES: ARRANGE FOR AND PAY FOR ALL REQUIRED TEMPORARY FACILITIES AND TEMPORARY UTILITIES. REMOVE ALL TEMPORARY FACILITIES PRIOR TO COMPLETION OF WORK.

31. RECORD DRAWINGS: WITHIN FOUR WEEKS OF FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER, PROVIDE CLEAN, RED-LINED RECORD DRAWINGS INDICATING ALL CONSTRUCTION CHANGES MADE. PROVIDE THESE DRAWINGS TO THE OWNER FOR USE IN DEVELOPING CONSTRUCTION RECORD DRAWINGS.

32. COSTS INCIDENTAL TO CONTRACT: ALL ITEMS DEPICTED IN THE CONTRACT DOCUMENTS THAT ARE NOT ITEMIZED SEPARATELY ARE INCIDENTAL TO THE CONTRACT AND SHALL BE INCLUDED AS PART OF THE CONTRACTOR'S SCOPE OF WORK.

33. REMOVAL AND CLEAN-UP: PROVIDE REGULAR SITE CLEARING AND FINAL SITE CLEANING AT COMPLETION OF PROJECT.

34. TRACK CURVATURE DATA: TRACK CURVATURE DATA IS BASED ON CHORD DEFINITION.

35. ADDITIONAL REQUIREMENTS: SEE PROJECT TECHNICAL SPECIFICATIONS REFERENCED ON SHEET G-001 FOR ALL ADDITIONAL REQUIREMENTS.

UTILITIES NOTES:

COMPLY WITH PORT OF STOCKTON PROJECT SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

1. VERIFICATION OF EXISTING UTILITY LINES: UTILITY LINES MAY BE PRESENT, EVEN IF NOT SHOWN ON THE DRAWINGS. THESE COULD INCLUDE FIBER OPTIC, FUEL, GAS OR SIMILAR LINES. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY OWNER PRIOR TO CONSTRUCTION MOBILIZATION. NO WORK IN PROXIMITY TO EXISTING UTILITIES SHALL BE PERFORMED WITHOUT OWNER APPROVAL.

2. EXCAVATION NEAR ACTIVE UTILITIES: ALL EXCAVATION NEAR EXISTING CABLES OR OTHER NON-ABANDONED EXISTING UTILITY LINES SHALL BE PERFORMED BY HAND. ALL CABLES OR OTHER EXISTING UTILITY LINES THAT ARE DAMAGED SHALL BE REPAIRED IMMEDIATELY, UNDER THE UTILITY OWNER'S DIRECTION AND AT THE CONTRACTOR'S EXPENSE. DURING THE PERIOD OF TIME THAT EXISTING CABLES OR UTILITIES ARE OUT OF SERVICE, DUE TO THE CONTRACTOR'S OPERATIONS, ALL CONTRACT WORK SHALL BE SUSPENDED UNLESS OTHERWISE DIRECTED BY THE OWNER. THE CONTRACTOR SHALL NOT BE ALLOWED TO MAKE CLAIMS FOR EXTRA COSTS OR TIME EXTENSIONS DUE TO SUCH STOPPAGES OF WORK.

3. WORK BY UTILITY COMPANIES: MODIFICATIONS TO OR RELOCATIONS OF EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE UTILITY OWNER, WHERE NOTED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNER SUFFICIENTLY IN ADVANCE OF THE SCHEDULE FOR SUCH REMOVALS OR RELOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREMIUM COSTS WHICH BECOME NECESSARY AS A RESULT OF THE CONTRACTOR'S FAILURE TO NOTIFY THE UTILITY COMPANY. ALL OTHER UTILITIES NOTED ON THE PLANS TO BE RELOCATED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. EXISTING UTILITY POINTS OF CONNECTION AND CROSSINGS: CONTRACTOR SHALL POTHOLE AND SURVEY THE LOCATION OF ALL UTILITY POINTS OF CONNECTION AND CROSSING UTILITIES INCLUDING SIZE, MATERIAL AND INVERT ELEVATIONS, AND PROVIDE TO OWNER PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE UTILITY OWNER PRIOR TO PERFORMING ANY POTHOLE WORK.

CONSTRUCTION PHASING NOTES:

1. WORKING IN CONCERT WITH THE OWNER, DEVELOP A DETAILED PROPOSED CRITICAL PATH METHOD (CPM) CONSTRUCTION SCHEDULE PRIOR TO STARTING WORK AND SUBMIT TO OWNER FOR REVIEW. SCHEDULE SHALL COMPLY WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS, SHALL BE IN MICROSOFT PROJECT FORMAT. SCHEDULE SHALL INDICATE CONCURRENT RELATED WORK BY OTHERS. OWNER'S COMMENTS ON THE SCHEDULE SHALL BE INCORPORATED INTO A FINAL SCHEDULE. SCHEDULE SHALL BE UPDATED AND RESUBMITTED TO REFLECT ANTICIPATED CHANGES THAT OCCUR DURING CONSTRUCTION.

2. CONTRACTOR TO PROVIDE THE RAILROAD WITH A PHASING PLAN FOR TRACK CONSTRUCTION, INDICATING THE SCHEDULE AND DURATION FOR ANY TRACK OUTAGES. THE MAXIMUM ALLOWABLE CUTOVER WINDOW SHALL BE 8 HOURS AND IS CONTINGENT ON WRITTEN RAILROAD APPROVAL.

3. THE CONSTRUCTION SEQUENCE DESCRIBED BELOW IS INTENDED AS A GENERAL DESCRIPTION OF ACTIVITIES AND TIMEFRAMES. ACTUAL OPERATING CONDITIONS AND PROGRESS OF OTHER CONSTRUCTION CONTRACTS MAY DICTATE ADJUSTMENTS TO THE PLANNED CONSTRUCTION SEQUENCE. ITEMS NOTED IN PARENTHESES ARE ACTIVITIES BY OTHERS THAT MAY AFFECT THE TIMING OF CONSTRUCTION UNDER THIS CONTRACT. SEE SHEETS CT-601 THROUGH CT-604 OF PROJECT DRAWINGS FOR DETAILED PHASING PLANS:

   a. PERFORM SITE CLEARING, GRUBBING ACTIVITIES
   b. PERFORM ROADWAY IMPROVEMENTS TO BE DETAILED IN A SEPARATE CONTRACT
   c. REMOVING PAVING AND APPURTENANCES AND INSTALL DELINEATORS TO CLOSE CROSSINGS AT HUMPHREYS STREET, DAGGETT RD, AND McCLOY AVENUE
   d. SITE EXCAVATION AND EXPOSE CROSSING UTILITIES
   e. PROTECT IN PLACE/ ENCASE UTILITIES AS LAID OUT ON PLANS
   f. INSTALL NEW UNDERDRAINS, CULVERTS, AND STORM DRAIN PIPES PER PLANS
   g. LAY OUT EMBANKMENT FILL, PREPARE TRACK ROADBED AND GRADE NEW DITCH PER PLANS
   h. INSTALL TRACKS OVER ROADBED PER PLANS 13' CLEAR OF ACTIVE ADJACENT TRACKS
   i. CUT-OVER AND PLACE PREFABRICATED TURNOUTS ON PORT BELTLINE AND CONNECT TO TRACKS
   j. IMPLEMENT TRAFFIC CONTROL AND INSTALL PAVEMENT SIGNAGE AND STRIPING
   k. REMOVE TRACK 946 AND TURNOUT ON BELTLINE AND RECONSTRUCT TRACK 946 CONNECTING TO NEW YARD TRACK.

EROSION CONTROL PRE-CONSTRUCTION NOTES:

1. PRE-CONSTRUCTION INSPECTION: CONDUCT A PRE-CONSTRUCTION INSPECTION AND BECOME FAMILIAR WITH EXISTING CONDITIONS.

2. STORM WATER NOTICE OF INTENT (NOI): THE CONTRACTOR SHALL FILE THE NOI AND OBTAIN A WDID NUMBER FROM THE STATE. MAINTAIN A COPY OF THE NOI ON-SITE AT ALL TIMES DURING ANY EARTH MOVING ACTIVITIES.

3. STORM WATER POLLUTION PREVENTION PLAN (SWPPP): THE CONTRACTOR SHALL PREPARE THE MASTER SWPPP COVERING ALL WORK PACKAGES IN THE PORT'S BID DOCUMENTS. THE SWPPP SHALL BE PREPARED BY A QUALIFIED SWPPP DEVELOPER (QSD). MAINTAIN A COPY OF THE SWPPP ON-SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.

4. QUALIFIED SWPPP PRACTITIONER (QSP): THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A STATE-CERTIFIED QSP TO ADMINISTER THE SWPPP AND PERFORM ALL INSPECTIONS, SAMPLING AND REPORTS REQUIRED BY THE STATE WATER BOARD.

5. EMERGENCY CONTACT INFORMATION: POST ALL CONTRACTOR'S EMERGENCY CONTACT INFORMATION AT THE CONSTRUCTION SITE AND PROVIDE TO OWNER FOR USE IN CASE OF EMERGENCY.

6. ESTABLISHMENT OF WORK AREAS: BORROW PITS, EQUIPMENT STORAGE SITES, PLANT SITES, HAUL ROADS, WASH-DOWN AREAS AND OTHER SPECIAL WORK AREAS SHALL BE INSTALLED BY THE CONTRACTOR AND APPROVED BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES AT THE SITE.

7. ESTABLISHMENT OF EMERGENCY RESOURCES: EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE READILY AVAILABLE AT ALL TIMES DURING THE RAINY SEASONS. STOCKPILE EXTRA MATERIALS AT ACCESSIBLE LOCATIONS ON-SITE TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL IMPLEMENT EROSION CONTROL MEASURES FOR GRADING YEAR-ROUND.

2. END OF DAY PROCEDURES: AT THE END OF EACH WORKING DAY WHEN THE TWO (2) DAY RAIN PROBABILITY FORECAST EXCEEDS FIFTY (50) PERCENT, VERIFY THAT ALL REMOVABLE PROTECTIVE DEVICES ARE IN PLACE.

3. CLEARING OF DEBRIS AFTER RAIN: REMOVE ALL SILT AND DEBRIS FROM EROSION CONTROL DEVICES AFTER EACH RAIN EVENT.

4. PERIMETER GRADING: VERIFY THAT AREAS AROUND THE PERIMETER OF THE WORK AREA ARE GRADED TO DRAIN AWAY FROM DISTURBED AREAS AT THE CONCLUSION OF EACH WORKING DAY.

5. PUBLIC PROTECTION: TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER COULD CREATE HAZARDOUS CONDITIONS.

6. WEEKLY INSPECTION: INSPECT EROSION CONTROL FACILITIES AT LEAST WEEKLY, AND AFTER EVERY RAINFALL EVENT GREATER THAN 0.5 INCHES.

7. MAINTENANCE OF TEMPORARY EROSION CONTROL FACILITIES: MAINTAIN ALL TEMPORARY EROSION CONTROL FACILITIES TO PREVENT EROSION AND TO CONTROL SILTATION AT ALL TIMES DURING CONSTRUCTION. MAKE REPAIRS WHEN NEEDED AND REMOVE TRAPPED SEDIMENT AT ANY TIME THE FACILITY'S CAPACITY IS REDUCED BY 25%.

8. STORM DRAIN STRUCTURE PROTECTION: PROMPTLY PROTECT ALL EXISTING AND NEW STORM DRAIN STRUCTURES WITH SILT FENCE OR OTHER INLET PROTECTION. DEVICES SHALL BE MAINTAINED UNTIL TRUCKING, EARTHWORK AND PAVING OPERATIONS ARE COMPLETED. PLACE ROCK CHANNEL PROTECTION AT THE ENDS OF ALL STORM DRAIN INLETS UPON COMPLETION OF INSTALLATION.

9. OWNER, ENGINEER, AND PERMIT AGENCY MODIFICATIONS: THE OWNER, ENGINEER AND LOCAL AGENCY REPRESENTATIVES RESERVE THE RIGHT TO DIRECT CHANGES OR MODIFICATIONS TO EROSION AND SEDIMENTATION FACILITIES AND PROCEDURES AS DEEMED NECESSARY.

10. MAINTAIN EXISTING DRAINAGE FEATURES: NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING THE RAINY SEASON, UNLESS ADEQUATE TEMPORARY/ PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE.

11. CONTROL OF RUNOFF: THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.

12. THE CONTRACTOR'S VEHICLES LEAVING THE SITE AT ANY TIME SHALL BE HOSED AND WASHED CLEAN OF MUD AND DIRT CLINGING TO WHEELS AND EXTERIOR BODY SURFACE.

13. ALL TRUCKS LEAVING THE SITE SHALL BE LOADED IN A MANNER THAT WILL PREVENT DROPPING OF MATERIALS ON THE STREETS AND, WHEN NECESSARY, SHALL HAVE SUITABLE TARPAULINS FASTENED OVER THE LOAD BEFORE ENTERING SURROUNDING PAVED STREETS. TRUCKS BRINGING MATERIAL OVER PAVED STREETS TO THE SITE SHALL BE SIMILARLY LOADED AND COVERED.

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315 WEST FYFFE STREET
STOCKTON, CA 95203

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GENERAL NOTES

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9/4/2026 - 12:26:55 PM pw://JMA-PW-APP.jmacivil.com:JMA-PW/Documents/Projects/21273-HDRPoS/RailSheets/McCloy Yard/G-004 General Notes.dgn

EROSION CONTROL NOTES (CONT'D):

14. CONTRACTOR SHALL MAINTAIN ADJACENT STREETS CONTINUOUSLY FREE OF DIRT AND DEBRIS, RESULTING FROM THEIR OPERATIONS AND MUST PROVIDE STREET CLEANING AS NECESSARY AS DIRECTED BY THE OWNER.

15. ALL SURPLUS OR REJECTED MATERIAL, REFUSE TOOLS, AND DEBRIS THAT MAY ACCUMULATE ON THE PREMISES DURING THE CONSTRUCTION PERIOD SHALL BE REMOVED FROM TIME TO TIME, AND ON COMPLETION OF WORKS ALL DEBRIS SHALL SE REMOVED AND THE PREMISES THOROUGHLY BROOM–CLEANED.

16. CONFORMANCE WITH THE REQUIREMENTS OF THIS PLAN SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM THEIR RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. TEMPORARY EROSION CONTROL SHALL CONSIST OF, BUT NOT LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS DEEMED NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.

17. FILL AREAS, WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETIONS PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO.

    A. TEMPORARY DOWNDRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES WITH PROTECTED OUTFALL AREAS;
    B. CONFINED PONDING AREAS TO DESILT RUNOFF;
    C. TEMPORARY CHECKS DAMS IN TOE OF SLOPE DITCHES TO DESILT RUNOFF;
    D. PROTECTIONS SUCH AS SANDBAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND
    E. EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES TO BE CONSTRUCTED AND MAINTAINED.

18. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING THE PERIOD OF THE RAINY SEASON. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO, GRADED DITCHES, BRUSH BARRIERS, AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND THE LIMITS OF GRADING.

19. THE PERMIT AGENCY APPROVAL OF PLANS DOES NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PERMIT AGENCY FOR APPROVAL.

20. ALL GRADED SLOPE AREAS SHALL BE HYDROSEEDED UNLESS SUFFICIENT NATURAL VEGETATION HAS BEEN ESTABLISHED AS DETERMINED BY THE PERMIT AGENCY INSPECTOR.

21. SANDBAGS SHALL NOT BE PLACED AT CONTRACTOR'S ACCESS TO THE SITE. CONTRACTOR'S ACCESS LOCATION TO BE APPROVED BY THE PERMIT AGENCY.

RAILROAD OPERATIONS NOTES:

1. MAINTAIN RAILROAD OPERATIONS: THE CONTRACTOR'S WORK SHALL NOT INTERRUPT THE OPERATIONS OF THE RAILROAD WITHOUT PRIOR WRITTEN APPROVAL FROM THE RAILROAD REPRESENTATIVE.

2. RAILROAD SAFETY: COMPLY WITH ALL RAILROAD SAFETY REQUIREMENTS FOR OPERATIONS NEAR LIVE TRACK.

3. CONTRACTOR SAFETY TRAINING: ALL WORK WITHIN THE RAILROAD RIGHT–OF–WAY IS SUBJECT TO FEDERAL RAILWAY ADMINISTRATION (FRA) JURISDICTION AND HAS SPECIAL TRAINING AND SAFETY REQUIREMENTS. ALL CONSTRUCTION PERSONNEL ON SITE SHALL HAVE SUCCESSFULLY COMPLETED THE RAILROAD SAFETY COURSE. ALL PERSONNEL SHALL CARRY PAPER RECORD OF COURSE COMPLETION AT ALL TIMES WHILE ON SITE.

4. CONTRACTOR SECURITY CLEARANCE: ALL CONTRACTORS DOING WORK WITHIN THE RAILROAD RIGHT–OF–WAY ARE REQUIRED TO COMPLETE THE E–RAILSAFE SECURITY CLEARANCE PROCESS. CONTRACTORS MUST DISPLAY THEIR VALID ID BADGES AT ALL TIMES WHEN ON RAILROAD PROPERTY ALONG WITH THEIR TWIC CARD REQUIRED TO WORK ON THE PORT ROW. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL SUBCONTRACTORS HAVE VALID E–RAILSAFE AND TWIC CARDS.

5. FLAGGING: MAKE ARRANGEMENTS FOR FLAGGING WITH THE RAILROAD. FLAGGING IS REQUIRED WHEN PERSONNEL OR EQUIPMENT ARE WORKING WITHIN 25 FEET OF CENTER OF THE MAIN LINE OR ANY OTHER ACTIVE TRACK OR IF A PIECE OF EQUIPMENT LOCATED GREATER THAN 25 FEET HAS THE POTENTIAL TO FOUL THE TRACKS. ALL FLAGGING COSTS ARE AT THE CONTRACTOR'S EXPENSE.

6. RIGHT–OF–ENTRY: WRITTEN RIGHT–OF–ENTRY FROM THE RAILROAD SHALL BE OBTAINED BY THE CONTRACTOR FOR ALL WORK WITHIN RAILROAD RIGHT–OF–WAY PRIOR TO THE START OF CONSTRUCTION.

7. CLEARANCES: MAINTAIN ALL HORIZONTAL AND VERTICAL CLEARANCES IN ACCORDANCE WITH THE RAILROAD AND CALIFORNIA PUBLIC UTILITIES COMMISSION REQUIREMENTS.

8. TRAINMAN'S WALKWAYS: PROVIDE AND MAINTAIN ALL WALKWAYS ADJACENT TO TRACKS IN ACCORDANCE WITH RAILROAD REQUIREMENTS AND CALIFORNIA PUBLIC UTILITIES COMMISSION GENERAL ORDER 118. NO OBSTRUCTIONS ARE PERMITTED IN THE WALKWAY WITHIN 8'–6" OF THE TRACK CENTER LINE.

9. PROTECT EXISTING TRACKS: CONTRACTOR SHALL PROVIDE SHORING PER RAILROAD GENERAL SHORING REQUIREMENTS. A SHORING DESIGN PLAN AND CALCULATIONS, SIGNED BY A LICENSED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED SHALL BE SUBMITTED FOR RAILROAD APPROVAL PRIOR TO START OF THE CONSTRUCTION. NO EXCAVATION SHALL TAKE PLACE CLOSER THAN 10 FEET FROM THE CENTERLINE OF EXISTING TRACKS. EXCAVATIONS SHALL NOT BE LEFT UNATTENDED.

CULVERT NOTES:

1. DESIGN AND CONSTRUCTION OF CULVERTS SHALL COMPLY WITH UPRR'S STANDARD DETAILS 680000 AND 680021 UNLESS NOTED OTHERWISE.

2. CULVERTS SHALL COMPLY WITH "EXCAVATION AND FILL LIMITS" AND "MINIMUM PIPE SPACING AND COVER" PER UPRR STANDARD DRAWING 680021 "TABLES FOR CORRUGATED METAL PIPE CULVERTS".

3. WHEN BACKFILLING AT THE CULVERT(S), CONTRACTOR IS REQUIRED TO ATTAIN 100% OF MAXIMUM DENSITY BY MODIFIED PROCTOR (ASTM D1557) WITHIN 20 FEET OF THE CULVERT AS PRESCRIBED IN THE UPRR GENERAL CONDITIONS AND SPECIFICATIONS, SECTION 31 23 26 PART 3.02C.

4. FOR CORRUGATED STEEL PIPES, PIPE SHALL BE METALLIC AND POLYMER COATED PER ASTM A742 OR AASHTO M246.

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MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

GENERAL NOTES

PROJ NO: 21273	SHEET NO. G-005
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 5 OF 68

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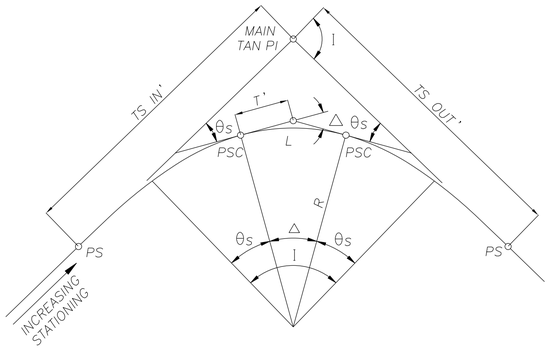


FIGURE A
CIRCULAR CURVES WITH SPIRAL TANSITION

I – TOTAL INTERSECTION ANGLE

θS – SPIRAL ANGLE = $\frac{A}{2}L^2$

Δ – CENTRAL ANGLE OF CIRCULAR CURVE = I – 2θS

DOC – DEGREE OF CURVE

A – RATE OF CHANGE OF DEGREE OF CURVE PER 100–FT. OF LENGTH = $\frac{Dc}{L}$

R – RADIUS OF CIRCULAR CURVE

T – TANGENT LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{2}$

L – LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{Dc}$ x 100

TS – TANGENT TO SPIRAL

SC – SPIRAL TO CURVE

CS – CURVE TO SPIRAL

ST – SPIRAL TO TANGENT

MAIN TAN PI – POINT OF INTERSECTION OF MAIN TANGENTS

(TS IN)
(TS OUT) – TANGENT LENGTH OF COMPLETE CURVE = (R+o) TAN $\frac{I}{2}$ +t

Ea – SUPERELEVATION

(WHEN SPIRALS OF EQUAL LENGTH ARE USED ON BOTH SIDES OF CIRCULAR CURVE, SEE FIGURE C. FOR o AND t)

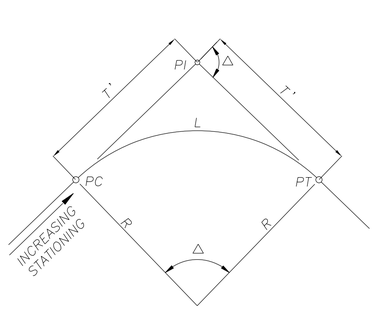


FIGURE B
SIMPLE CIRCULAR CURVE

R = RADIUS OF CIRCULAR CURVE

Δ = CENTRAL ANGLE OF CIRCULAR CURVE

T = R TAN $\frac{\Delta}{2}$

L = $\frac{\Delta}{Dc}$ x 100

Dc = 2 SIN^{-1} (50/R) = DEGREE OF CURVE (CHORD DEFINITION)

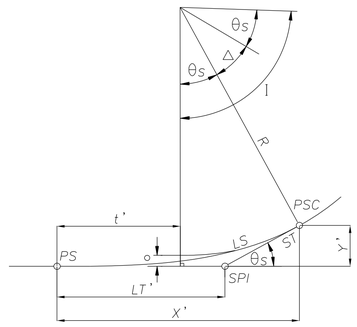


FIGURE C
SPIRAL TRANSITION CURVE

LS = LENGTH OF SPIRAL (TS TO PSC)

θS = $\frac{A}{2}L^2$

X = 100 L_1 –0.000762$A^2L_1^5$

Y = 0.291AL_1^3 –0.00000158$A^3L_1^7$

o = 0.0727AL_1^3

t = 50L_1 –0.000127$A^2L_1^5$

ST = $\frac{Y}{SIN\,\theta S}$

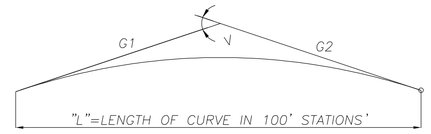
LT = X– $\frac{Y}{TAN\theta S}$

Dc = 2 SIN^{-1} (50/R) = DEGREE OF CURVE (CHORD DEFINITION)

L_1 – TOTAL NO. OF STATIONS IN SPIRAL

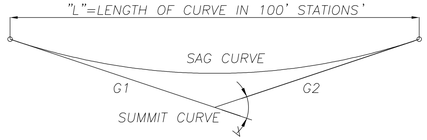
SPI – SPIRAL POINT OF INTERSECTION

NOTE: Dc, θS, Δ, AND I ARE IN DEGREES.
ALL OTHERS DIMENSIONS ARE FEET.



$R = \frac{(G2-G1)}{L}$

G1 AND G2 DESIGNATE GRADES IN PERCENT.
L=LENGTH OF CURVE IN 100' STATIONS.
V=ALGEBRAIC DIFFERENCE IN GRADES IN PERCENT(G2–G1).
R=AVERAGE CHANGE IN GRADIENT PER 100' STATION.



1 G–005 HORIZONTAL CURVE DEFINITION
SCALE: NTS

2 G–005 VERTICAL CURVE DEFINITION
SCALE: NTS

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
CURVE GEOMETRY SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO.
G-006
SHEET 6 OF 68

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QUANTITY SUMMARY TABLE

ITEM DESCRIPTION	QUANTITY	UNIT
SITEWORK – SITE PREPARATION AND DEMOLITION		
CLEARING AND GRUBBING	20	AC
EROSION CONTROL	1	LS
REMOVE TRACK, TIES AND BALLAST	861	TF
REMOVE TURNOUT	1	EA
REMOVE 15" STORM CULVERT	151	LF
REMOVE CHAIN LINK FENCE	4,350	LF
REMOVE ASPHALT CONCRETE PAVEMENT	31,657	SQFT
CAP, FILL WITH CLSM, AND ABANDON FIRE LATERAL	89	LF
CAP, FILL WITH CLSM, AND ABANDON 15" CULVERT	50	LF
CAP, FILL WITH CLSM, AND ABANDON 12" CULVERT	18	LF
TREE REMOVAL	18	EA
GATE REMOVAL	1	EA
SITEWORK – EARTHWORK		
EARTHWORK – EXCAVATION	14,461	CY
EARTHWORK – OVEREXCAVATION	10,550	CY
EARTHWORK – FILL	5,343	CY
AGGREGATE BASE CLASS 2–12" SUBBALLAST/ACCESS ROAD	14,567	CY
AGGREGATE BASE CLASS 3 UPRR BALLAST	677	CY
GEOGRID & FILTER FABRIC FOR AT–GRADE CROSSINGS	3,450	SQYD
MIRAFI 140N GEOTEXTILE & TENSAR BX1200 GEOGRID	6,610	SQYD
LIME TREATMENT	8,650	SQYD
SITEWORK – PAVEMENT & FENCING		
MINOR CONCRETE – CURB	1,628	LF
FENCE – CHAIN LINK TYPE CL–6	4,335	LF
CHAIN LINK GATES – SLIDING– TRACK	1	EA
TUBULAR MAINTENANCE ACCESS GATE	2	EA
GUARD RAILING – DELINEATOR	15	EA
SITEWORK – UTILITIES		
CULVERT– 15" CORRUGATED METAL PIPE	311	LF
CULVERT– 15" REINF. CONCRETE PIPE	228	LF
CULVERT– 18" CORRUGATED METAL PIPE	71	LF
CULVERT– 21" CORRUGATED METAL PIPE	71	LF
CULVERT– 24" CORRUGATED METAL PIPE	56	LF
12" REINF. CONCRETE PIPE CLASS V STORM DRAIN	304	LF
15" REINF. CONCRETE PIPE CLASS V STORM DRAIN	67	LF
18" REINF. CONCRETE PIPE CLASS V STORM DRAIN	1,650	LF
21" REINF. CONCRETE PIPE CLASS V STORM DRAIN	195	LF
24" REINF. CONCRETE PIPE CLASS V STORM DRAIN	60	LF
CULVERT TYPE C HEADWALL – 15" CONCRETE	1	EA
CULVERT TYPE C HEADWALL – 18" CONCRETE	1	EA
FLARED END SECTION – CALTRANS STEEL TYPE 1 OR 3	9	EA
UNDERDRAIN TRACK – HDPE PERFORATED 10"	820	LF
UNDERDRAIN TRACK – HDPE PERFORATED 12"	702	LF
UNDERDRAIN TRACK – HDPE PERFORATED 15"	2,157	LF
UNDERDRAIN – CLEANOUT	10	EA
36" CATCH BASIN WITH FRAME, GRATE, AND BALLAST SCREEN	20	EA
36" CATCH BASIN 3" ORIFICE	1	EA
CLASS 1 RIPRAP – ROCK	190	CY
UTILITY CASING – 12" PERMANENT STEEL CASING	467	LF

ITEM DESCRIPTION	QUANTITY	UNIT
SITEWORK – UTILITIES		
UTILITY CROSSING ALLOWANCE	10	EA
FIRE HYDRANT RELOCATION	3	EA
UNDERDRAIN FILTER FABRIC	4,690	LF
TRACKWORK		
TRACK 136# RE, ISHH JTD – (RAIL, PLATES, TIES, BALLAST)	14,041	TF
TRACK 136# RE, ISHH CWR – (RAIL, PLATES, TIES, BALLAST)	1,537	TF
TRACK 115# RE, ISHH JTD – (RAIL, PLATES, TIES, BALLAST)	1,529	TF
TRACK 115# RE, ISHH CWR – (RAIL, PLATES, TIES, BALLAST)	136	TF
TURNOUT INDUSTRY – LEFT HAND CS NO.9 – HAND–THROWN	10	EA
TURNOUT INDUSTRY – RIGHT HAND CS NO.9 – HAND–THROWN	1	EA
TURNOUT INDUSTRY – LEFT HAND CS NO.7 – HAND–THROWN	1	EA
BUMPING POST – EARTHEN	3	EA
COMPROMISE JOINT BAR (136 LB./115 LB.)	1	EA
COMPROMISE JOINT BAR (115 LB./112 LB.)	1	EA
CROSSING PANELS – TIMBER	216	TF
CURVE BLOCK	12	EA
CONTRACTOR DELEGATED DESIGN UTILITY PROTECTION SLABS		
BRIDGING SLAB 8" PORT CIPP SEWER	1,080	SQ. FT.
BRIDGING SLAB 33" CITY SEWER FORCE MAIN	3,030	SQ. FT.

DESIGN NOTES:

1. REFER TO SHEETS G–004 AND G–005 FOR PROJECT DESIGN NOTES.
2. TIMBER CROSS TIES SHALL BE SPACED AT 19.5 INCHES CENTER–TO–CENTER FOR TURNOUTS, TRANSITION AREAS, AND ROAD CROSSINGS.
3. QUANTITIES PROVIDED FOR UTILITY PROTECTION SLABS ARE APPROXIMATE. CONTRACTOR SHALL PERFORM DETAILED DESIGN FOR THE UTILITY PROTECTION BRIDGING SLABS TO PROVIDE ADEQUATE PROTECTION TO THE NOTED UTILITIES FROM RAILROAD COOPER 80 LOADING.

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

QUANTITY SUMMARY TABLE

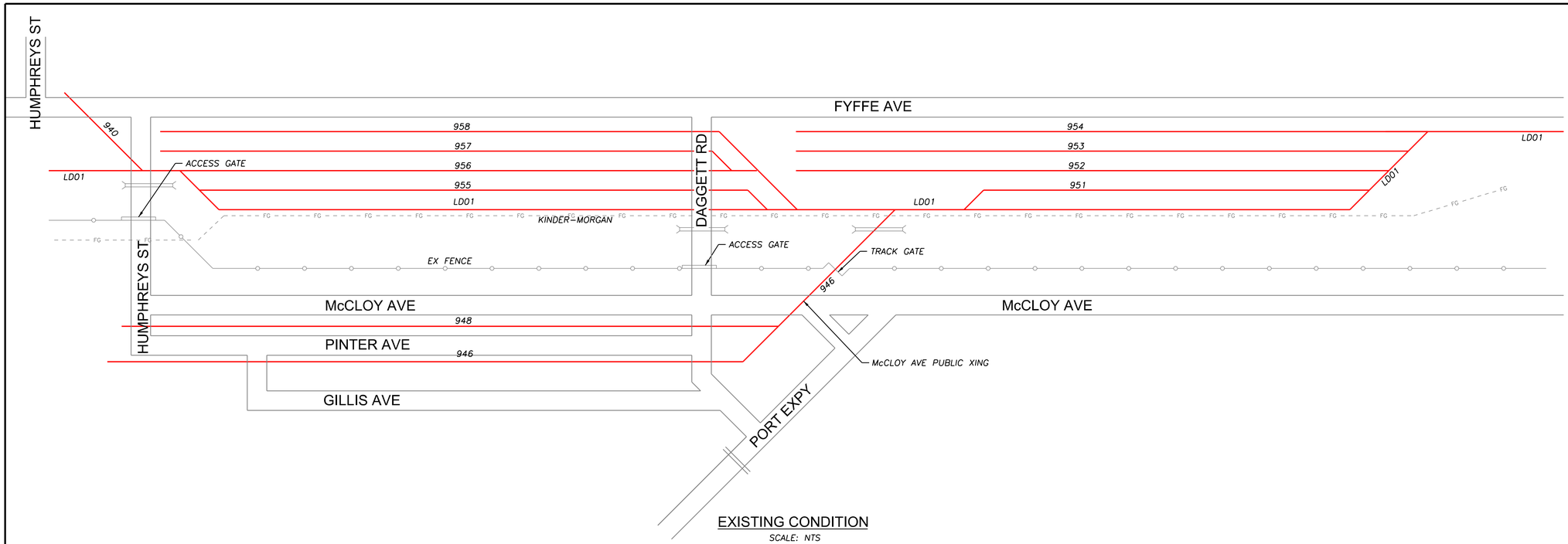
PROJ NO: 21273	SHEET NO. G-007
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 7 OF 68
DESIGNED BY: AG	

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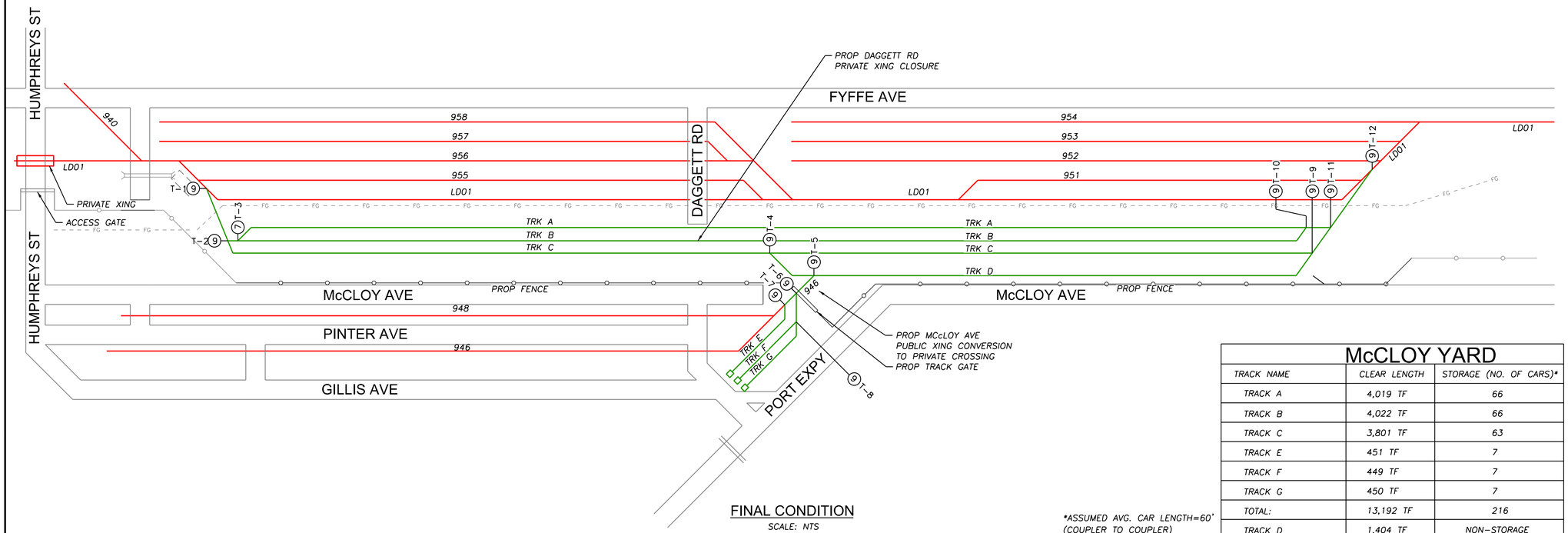
DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



EXISTING CONDITION

SCALE: NTS



FINAL CONDITION

SCALE: NTS

McCLOY YARD

TRACK NAME	CLEAR LENGTH	STORAGE (NO. OF CARS)*
TRACK A	4,019 TF	66
TRACK B	4,022 TF	66
TRACK C	3,801 TF	63
TRACK E	451 TF	7
TRACK F	449 TF	7
TRACK G	450 TF	7
TOTAL:	13,192 TF	216
TRACK D	1,404 TF	NON-STORAGE

*ASSUMED AVG. CAR LENGTH=60' (COUPLER TO COUPLER)

N

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

OVERALL TRACK SCHEMATIC

PROJ NO: 21273	SHEET NO. G-008
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 8 OF 68

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TRACK A

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 8°10'16.0" LEFT	Pt. Sw.	0+00.0	2168963.067	6312321.113	S77.165°E
T-3	No. 07	PI	0+30.17	2168956.117	6312351.615	
		PF	0+66.27	2168953.270	6312386.490	S85.333°E
LINEAR	L = 87.90	POB	0+66.27	2168953.270	6312386.490	S85.333°E
		PC	1+54.17	2168946.119	6312474.091	
CURVE A-1	DELTA = 4°33'3.6" LEFT	PC	1+54.17	2168946.119	6312474.091	S85.333°E
	DEGREE = 7°00'00"					
	R = 819.02	PI	1+86.71	2168943.47	6312506.527	
	L = 65.05					
	T = 32.54	PT	2+19.22	2168943.404	6312539.071	S89.884°E
LINEAR	L = 3829.66	PT	2+19.22	2168943.404	6312539.071	S89.884°E
		PC	40+48.88	2168935.635	6316368.717	
CURVE A-2	DELTA = 6°19'48" LEFT	PC	40+48.88	2168935.635	6316368.717	S89.884°E
	DEGREE = 9°30'00"					
	R = 603.80	PI	40+82.26	2168935.567	6316402.105	
	L = 66.71					
	T = 33.39	PT	41+15.58	2168939.181	6316435.297	N83.786°E
LINEAR	L = 104.58	PT	41+15.58	2168939.181	6316435.297	N83.786°E
		PF	42+20.16	2168950.500	6316539.261	
	DELTA = 6°21'35.0" LEFT	PF	42+20.16	2168950.500	6316539.261	N83.786°E
T-11	No. 09	PI	43+70.76	2168966.801	6316688.979	
		Pt. Sw. (EOT)	44+00.96	2168973.369	6316718.426	N77.427°E

TRACK B

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" LEFT	Pt. Sw.	0+00.0	2169007.594	6312110.704	S83.521°E
T-1	No. 09	PI	0+30.17	2169004.19	6312140.682	
		PF	0+73.19	2168994.632	6312182.621	S77.162°E
LINEAR	L = 237.94	POB	0+73.19	2168994.632	6312182.621	S77.162°E
		PC	3+11.13	2168941.761	6312414.614	
CURVE B-1	DELTA = 12°43'19.56" LEFT	PC	3+17.03	2168941.761	6312414.614	S77.162°E
	DEGREE = 10°45'00"					
	R = 533.77	PI	3+70.63	2168928.539	6312472.631	
	L = 118.52					
	T = 59.50	PT	4+29.65	2168928.418	6312532.135	S89.884°E
LINEAR	L = 3827.32	PT	4+29.65	2168928.418	6312532.135	S89.884°E
		PC	42+56.97	2168920.653	6316359.447	
CURVE B-2	DELTA = 12°41'22.92" LEFT	PC	42+56.97	2168920.653	6316359.447	S89.884°E
	DEGREE = 09°30'00"					
	R = 603.80	PI	43+24.10	2168920.517	6316426.586	
	L = 133.73					
	T = 67.14	PT	43+90.70	2168935.133	6316492.115	N77.427°E
LINEAR	L = 48.83	PT	43+90.70	2168935.133	6316492.115	N77.427°E
		PF	44+39.53	2168945.763	6316539.777	
	DELTA = 6°21'35.0" LEFT	PF	44+39.53	2168945.763	6316539.777	N77.427°E
T-10	No. 09	PI	44+82.54	2168955.127	6316581.76	
		Pt. Sw. (EOT)	45+12.71	2168958.393	6316611.753	N83.786°E

TRACK C

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" LEFT	Pt. Sw.	0+00.0	2168986.928	6312216.423	S77.162°E
T-2	No. 09	PI	0+30.17	2168980.225	6312245.839	
		PF	0+73.19	2168966.080	6312286.461	S70.802°E
LINEAR	L = 54.83	POB	0+73.19	2168966.080	6312286.461	S70.802°E
		PC	1+28.02	2168947.989	6312367.755	
CURVE C-1	DELTA = 19°04'54.48" LEFT	PC	1+41.19	2168947.989	6312338.417	S70.802°E
	DEGREE = 09°30'00"					
	R = 603.80	PI	2+29.69	2168914.617	6312434.259	
	L = 201.09					
	T = 101.49	PT	3+29.29	2168914.411	6312535.744	S89.884°E
LINEAR	L = 3815.9	PT	3+29.29	2168914.411	6312535.744	S89.884°E
		PC	41+45.19	2168906.669	6316351.629	
CURVE C-2	DELTA = 12°41'22.92" LEFT	PC	41+45.19	2168906.669	6316351.629	S89.884°E
	DEGREE = 09°30'00"					
	R = 603.80	PI	42+12.32	2168906.533	6316418.768	
	L = 133.73					
	T = 67.14	PT	42+78.91	2168921.149	6316484.297	N77.427°E
LINEAR	L = 59.59	PT	42+78.91	2168921.149	6316484.297	N77.427°E
		PF	43+38.50	2168934.120	6316542.455	
	DELTA = 6°21'35.0" LEFT	PF	43+38.50	2168934.120	6316542.455	
T-12	No. 09	PI	46+34.10	2168998.469	6316830.963	
		Pt. Sw. (EOT)	46+64.27	2169001.735	6316860.956	N83.786°E

TRACK D

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" LEFT	Pt. Sw.	0+00.0	2168910.426	6314499.848	S89.884°E
T-4	No. 09	PI	0+30.17	2168910.365	6314530.018	
		PF	0+73.19	2168905.514	6314572.759	S83.524°E
LINEAR	L = 113.12	POB	0+73.19	2168905.514	6314572.759	S83.524°E
		PC	1+86.31	2168892.755	6314685.159	
CURVE D-1	DELTA = 6°21'34.92" LEFT	PC	1+86.31	2168892.755	6314685.159	S83.524°E
	DEGREE = 7°30'00"					
	R = 764.49	PI	2+28.78	2168887.965	6314727.360	
	L = 84.86					
	T = 42.472	PT	2+71.16	2168887.878	6314769.832	S89.884°E
LINEAR	L = 1541.39	PT	2+71.16	2168887.878	6314769.832	S89.884°E
		PC	18+12.55	2168884.732	6316320.506	
CURVE D-2	DELTA = 19°02'57.84" LEFT	PC	18+21.84	2168884.751	6316311.217	S89.884°E
	DEGREE = 9°30'00"					
	R = 603.81	PI	19+13.86	2168884.546	6316412.527	
	L = 200.75					
	T = 101.31	PT	20+13.30	2168917.417	6316508.356	N71.067°E
LINEAR	L = 37.15	PT	20+13.30	2168917.417	6316508.356	N71.067°E
		PF	20+50.45	2168929.470	6316543.492	
	DELTA = 6°21'35.0" LEFT	PF	20+50.45	2168929.470	6316543.492	N71.067°E
T-9	No. 09	PI	20+49.28	2168933.829	6316541.149	
		Pt. Sw. (EOT)	20+93.46	2168943.426	6316584.179	N77.427°E

TRACK 946

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" RIGHT	Pt. Sw.	0+00.0	2168887.416	6314997.73	N89.884°W
T-5	No. 09	PI	0+30.17	2168887.477	6314967.559	
		PF	0+73.19	2168882.867	6314924.799	S83.757°W
LINEAR	L = 48.82	POB	0+73.19	2168882.867	6314924.799	S83.757°W
		PC	1+22.01	2168877.489	6314876.266	
CURVE 946-1	DELTA = 20°10'12.36" RIGHT	PC	1+22.01	2168877.489	6314876.266	S83.757°W
	DEGREE = 9°30'00"					
	R = 603.81	PI	2+29.40	2168865.81	6314769.511	
	L = 212.56					
	T = 107.39	PT	3+33.47	2168818.037	6314673.331	S63.586°W
LINEAR (CONNECT TO EXIST. TRK)	L = 20.85	PT	3+33.47	2168818.037	6314673.331	S63.586°W
		EOT	3+54.32	2168808.764	6314654.66	

TRACK E

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" LEFT	Pt. Sw.	0+00.0	2168752.541	6314541.467	S63.586°W
T-7	No. 09	PI	0+30.17	2168739.119	6314514.446	
		PF	0+73.19	2168715.835	6314478.278	S57.227°W
LINEAR	L = 49.92	POB	0+73.19	2168715.835	6314478.278	S57.227°W
		PC	1+23.11	2168688.808	6314436.297	
CURVE E-1	DELTA = 6°21'34.92" RIGHT	PC	1+23.11	2168688.808	6314436.297	S57.227°W
	DEGREE = 7°30'00"					
	R = 764.49	PI	1+65.59	2168665.817	6314400.586	
	L = 84.86					
	T = 42.47	PT	2+07.93	2168646.923	6314362.548	S63.586°W
LINEAR	L = 395.43	PT	2+07.93	2168646.923	6314362.548	S63.586°W
		EOT	6+03.36	2168471.016	6314008.396	

TRACK F

CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
	DELTA = 6°21'35.0" LEFT	Pt. Sw.	0+00.0	2168808.764	6314654.660	S63.586°W
T-6	No. 09	PI	0+30.17	2168795.412	6314627.780	
		PF	0+73.19	2168772.058	6314591.472	S57.227°W
LINEAR	L = 185.34	POB	0+73.19	2168772.058	6314591.472	S57.227°W
		PC	2+58.53	2168671.728	6314435.631	
CURVE F-1	DELTA = 6°21'34.92" RIGHT	PC	2+58.53	2168671.728	6314435.631	S57.227°W
	DEGREE = 7°30'00"					
	R = 764.49	PI	3+01.01	2168648.738	6314399.920	
	L = 84.86					
	T = 42.47	PT	3+43.42	2168629.844	6314361.882	S63.586°W
LINEAR	L = 387.16	PT	3+43.42	2168629.844	6314361.882	S63.586°W
		EOT	7+30.58	2168457.582	6314015.069	

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8/6/2026 - 4:57:59 PM - pw://JMA-PW-APP.jmadvil.com:JMA-PW/Documents/Projects/21273-HDR%0S/Rail/Sheets/McCloy Yard/G-009 Track Geometry Table.dgn

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CIVIL ENGINEER
STATE OF CALIFORNIA
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
TRACK GEOMETRY TABLES

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO.
G-009
SHEET 9 OF 68

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TRACK G						
CURVE	CURVE DATA	POINT	STATION	NORTHING	EASTING	BEARING
T-8	DELTA = 6°21'35.0" LEFT No. 09	Pt. Sw. PI PF	0+00.0 0+30.17 0+73.19	2168753.292 2168736.960 2168709.812	6314562.322 6314536.954 6314503.588	S57.227°W S50.867°W
LINEAR	L = 39.8	POB PC	0+73.19 1+12.99	2168709.812 2168684.689	6314503.588 6314472.71	S50.867°W
CURVE G-1	DELTA = 12°43'9.84" RIGHT DEGREE = 9°30'00" R = 603.81 L = 134.042' T = 67.298'	PC PI PT	1+12.99 1+80.29 2+46.76	2168684.689 2168642.215 2168612.278	6314472.71 6314420.509 6314360.236	S50.867°W S63.586°W
LINEAR	L = 384.09	PT EOT	2+40.62 6+24.71	2168609.548 2168444.148	6314354.739 6314021.741	S63.586°W

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STATE OF CALIFORNIA
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REVISIONS:

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PORT OF STOCKTON CALIFORNIA

SHEET TITLE:

TRACK GEOMETRY TABLES

PROJ NO:
SCALE:
DATE:
DESIGNED BY:

SHEET NO.
G-010
SHEET 10 OF 68

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8/6/2026 - 4:58:57 PM - pw://JMA-PW-APP.jmadvil.com:JMA-PW/Documents/Projects/21273-HDRPubRailSheets/McKay YardG-009 Track Geometry Table.dgn

DESIGN NOTES:

1. EXISTING TRACK ALIGNMENTS ARE BASED ON AERIAL SURVEY PERFORMED ON 04/23/2020. SUPPLEMENTAL GROUND SURVEY FOR TOP OF RAIL ELEVATIONS WAS PERFORMED ON 02/01/2023.
2. HORIZONTAL COORDINATES ARE BASED ON CALIFORNIA STATE PLANE COORDINATE SYSTEM ZONE #3, NAVD83.
3. VERTICAL DATUM IS BASED ON NGVD88.
4. BENCHMARK FOR THE SURVEY IS CITY OF STOCKTON BENCHMARK NO. 305 STAMPED '10S–1' NEAR ENTRANCE TO PORT OF STOCKTON MAIN OFFICES.
5. REFER TO SHEETS G–004 AND G–005 FOR PROJECT DESIGN NOTES.

SURVEY CONTROL POINTS:

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
CP1	2163871.72	6306494.17	10.34	SET MAG
CP2	2172846.26	6307966.17	17.41	SET MAG
CP3	2174258.49	6308498.06	16.83	SET MAG
CP4	2169920.60	6308558.55	16.69	SET MAG
CP5	2166914.89	6309687.50	7.06	SET MAG
CP6	2175358.51	6310752.16	14.95	SET MAG
CP7	2172814.19	6311484.51	5.56	SET MAG
CP8	2175078.22	6312300.46	17.11	SET MAG
CP9	2171733.39	6312704.15	5.86	SET MAG
CP10	2169663.04	6313119.83	0.57	SET MAG
CP11	2169837.93	6314365.40	1.09	SET MAG
CP12	2166760.65	6314401.10	8.77	SET MAG
CP13	2164934.46	6314241.10	0.40	SET MAG
CP14	2164240.16	6314255.53	1.23	SET MAG
CP15	2173065.70	6315803.73	3.96	SET MAG
CP16	2175280.90	6316483.37	0.75	SET MAG
CP17	2169114.18	6319530.18	6.07	SET MAG

CP10 AND CP11 ARE WITHIN VIEW OF THE KEY MAP. ALL OTHER CONTROL POINTS ARE OUTSIDE KEY MAP EXTENTS

HUMPHREYS ST
ELLSBERG DR.
MAAS DR.
BOONE DR.
LIPES DR.
DAVIS AVE.
JAMES DR.
FYFFE ST.
MP 2.85
CP10
CP11
CT-101, CG-101, CU-101
CT-102, CG-102, CU-102
CT-103, CG-103, CU-103
CT-104, CG-104, CU-104
TRANSLOAD
CARRY TRANSIT
PORT LEAD
McCLOY YARD
McCLOY AVE.
DAGGETT RD
CT-105, CG-105
SITE 19 BOUNDARY
PINTER AVE
GILLIS AVE
SITE 47 BOUNDARY
TCC TRACKS (TYP.)
TRAMMELL CROW COMPANY
SEE RDWY PACKAGE FOR PROP. DESIGN
EX. WINDMILL FARM
PORT EXPRESSWAY
FERGUSON ENTERPRISES
BURNS CUTOFF

N

0 250 500 750
SCALE FEET
1" = 250'

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	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com	LICENSED PROFESSIONAL ENGINEER ARKAPRABHA GHOSH C91571 Exp. 09/30/28 CIVIL ENGINEER STATE OF CALIFORNIA	ISSUED FOR BID NOT FOR CONSTRUCTION 08/31/2026	MARK: 0 — DATE: 08/31/26 — DESCRIPTION: ISSUED FOR BID		

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

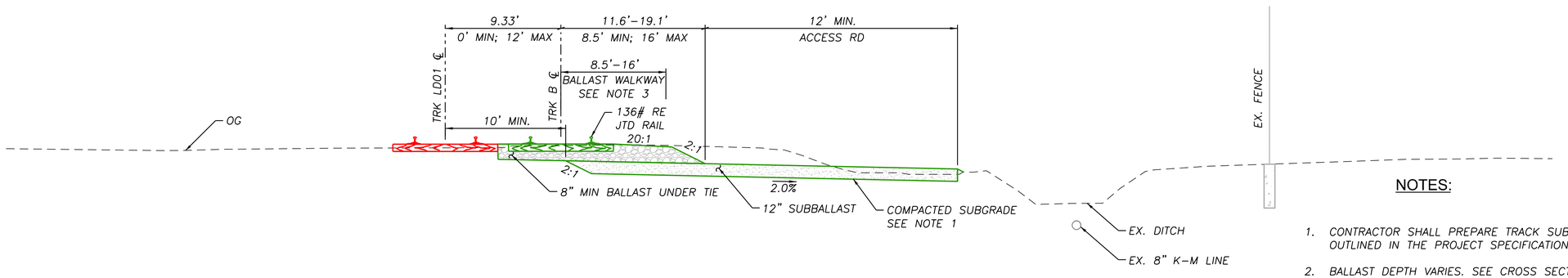
SHEET TITLE:
OVERALL LAYOUT, KEY MAP AND SURVEY CONTROL PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO. G-100
SHEET 11 OF 68

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9/8/2026 - 5:10:43 PM - pw://JMA-PW.eAPP.jmackfl.com:JMA-PW/Documents/Projects/21273-HDRPoS/Rail/Sheets/McCloy Yard/G-100 Overall Layout

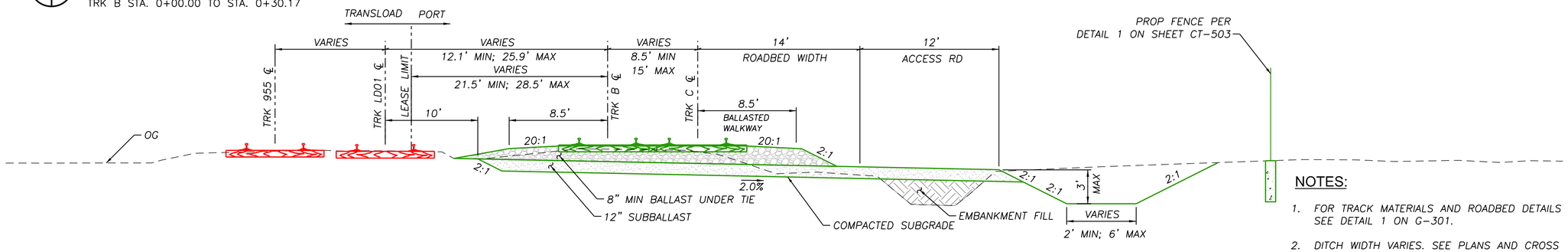


1 McCLOY YARD WEST TIE-IN SINGLE TRACK

G-301

SCALE: 1" = 5'

TRK B STA. 0+00.00 TO STA. 0+30.17



NOTES:

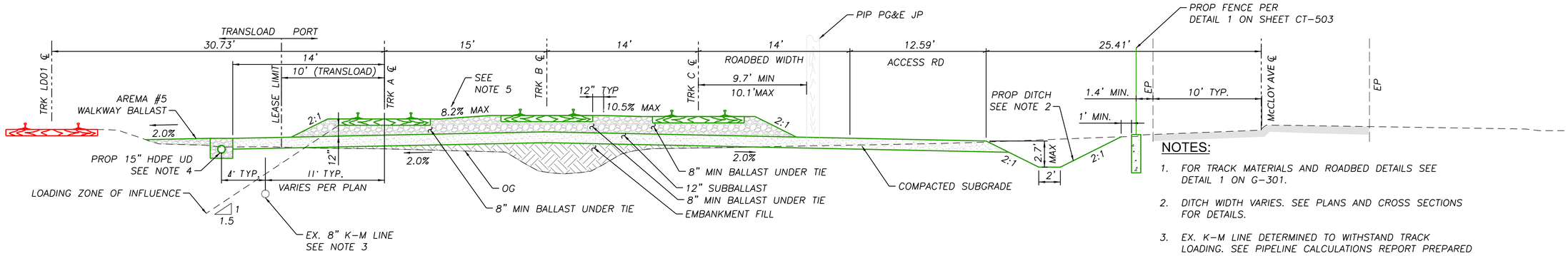
1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. DITCH WIDTH VARIES. SEE PLANS AND CROSS SECTIONS FOR DETAILS.

2 McCLOY YARD WEST TIE-IN DOUBLE TRACK

G-301

SCALE: 1" = 5'

TRK C STA. 0+30.17 TO STA. 1+46.66



NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. DITCH WIDTH VARIES. SEE PLANS AND CROSS SECTIONS FOR DETAILS.
3. EX. K-M LINE DETERMINED TO WITHSTAND TRACK LOADING. SEE PIPELINE CALCULATIONS REPORT PREPARED BY HDR.
4. SEE DETAIL 5 ON SHEET CT-501 FOR TRACK UNDERDRAIN DETAILS.
5. BALLAST WALKWAY SLOPE SHALL NOT EXCEED 8H:1V PER CPUC GO-118A.

3 McCLOY YARD THREE TRACK CONFIGURATION WITH V-DITCH

G-301

SCALE: 1" = 5'

TRK C STA. 1+46.66 TO STA. 23+23.57

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

NOTES:

1. CONTRACTOR SHALL PREPARE TRACK SUBGRADE AS OUTLINED IN THE PROJECT SPECIFICATIONS.
2. BALLAST DEPTH VARIES. SEE CROSS SECTIONS FOR DETAILS.
3. SEE DETAIL 1 ON SHEET C-501 FOR BALLAST WALKWAY DETAILS.

0 5 10 15
SCALE FEET
1" = 5'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

McCLOY YARD
TYPICAL SECTIONS

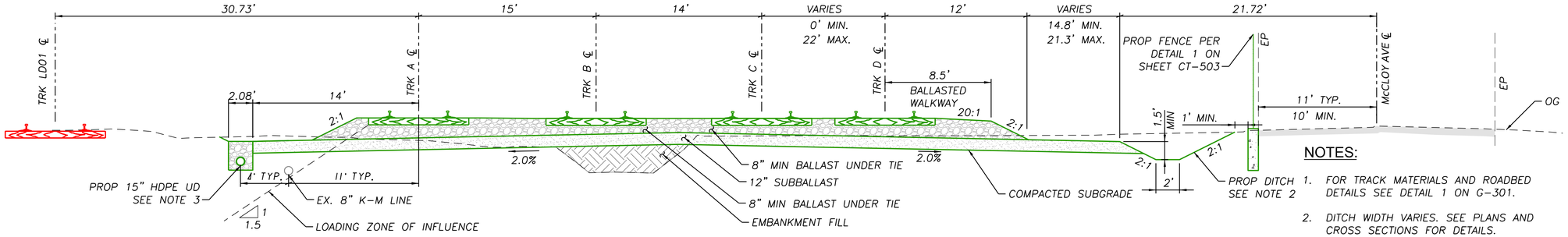
PROJ NO: 21273	SHEET NO. G-301
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 12 OF 68
DESIGNED BY: AG	

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8/30/2026 - 7:58:39 PM - pw://JMA-PW-APP.jmadrive.com:JMA-PW/Documents/Projects/21273-HDR/Cad/Rail/Sheets/McCloy YardG-200.dgn

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



NOTES:

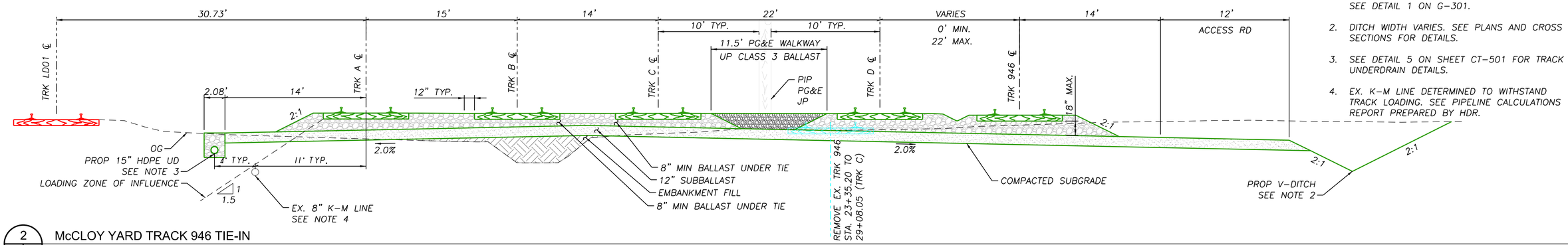
1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. DITCH WIDTH VARIES. SEE PLANS AND CROSS SECTIONS FOR DETAILS.
3. SEE DETAIL 5 ON SHEET CT-501 FOR TRACK UNDERDRAIN DETAILS.

1 G-302 McCLOY YARD THREE TO FOUR TRACK TRANSITION

SCALE: 1" = 5'
TRK C STA. 23+23.57 TO STA. 25+15.07

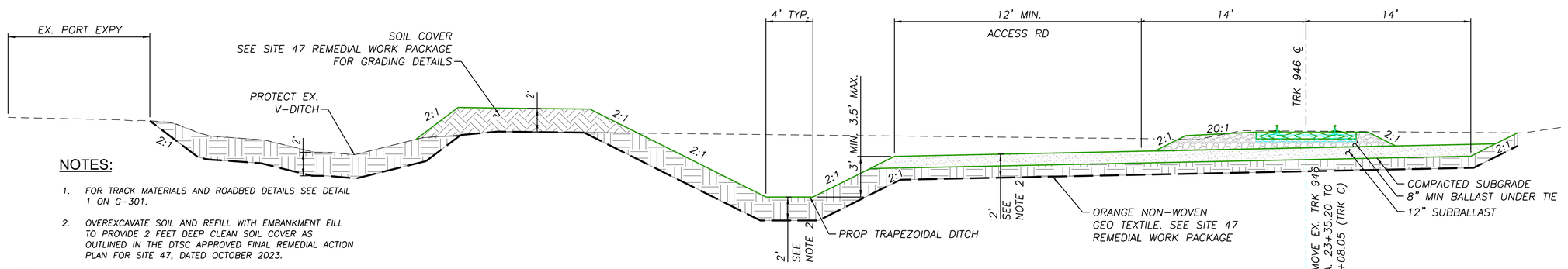
NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. DITCH WIDTH VARIES. SEE PLANS AND CROSS SECTIONS FOR DETAILS.
3. SEE DETAIL 5 ON SHEET CT-501 FOR TRACK UNDERDRAIN DETAILS.
4. EX. K-M LINE DETERMINED TO WITHSTAND TRACK LOADING. SEE PIPELINE CALCULATIONS REPORT PREPARED BY HDR.



2 G-302 McCLOY YARD TRACK 946 TIE-IN

SCALE: 1" = 5'
TRK C STA. 25+15.07 TO STA. 27+28.18



NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. OVEREXCAVATE SOIL AND REFILL WITH EMBANKMENT FILL TO PROVIDE 2 FEET DEEP CLEAN SOIL COVER AS OUTLINED IN THE DTSC APPROVED FINAL REMEDIAL ACTION PLAN FOR SITE 47, DATED OCTOBER 2023.

3 G-302 TRACK 946 WITH DITCH IN SITE 47

SCALE: 1" = 5'
TRK 946 STA. 2+47.57 TO STA. 3+55.41

0 5 10 15
SCALE FEET
1" = 5'

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PORT OF STOCKTON
McCLOY RAIL YARD

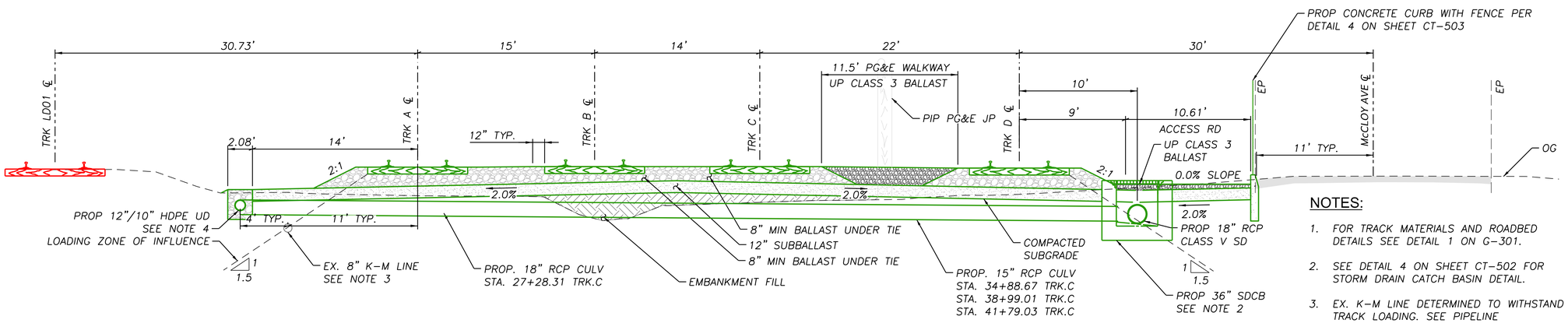
315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE: McCLOY YARD TYPICAL SECTIONS

PROJ NO: 21273	SHEET NO. G-302
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 13 OF 68

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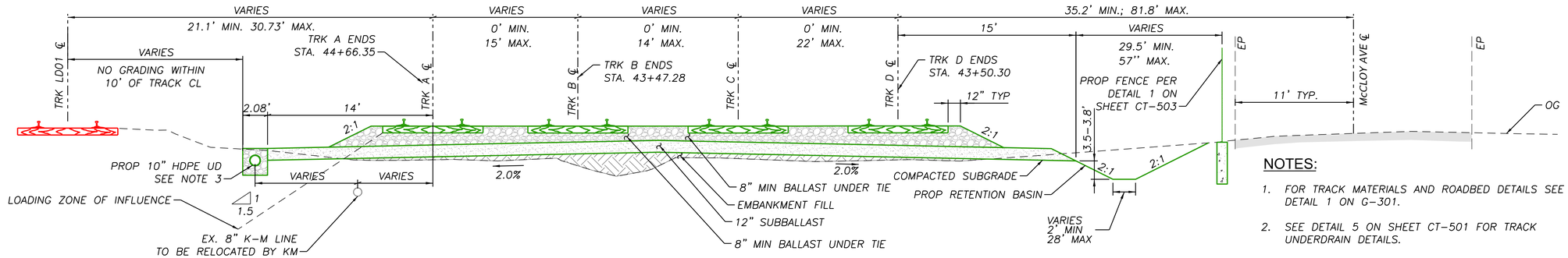


1 McCLOY YARD FOUR TRACK CONFIGURATION WITH SOUTH DRAIN

G-303

SCALE: 1" = 5'

TRK C STA. 27+28.18 TO STA. 42+92.49

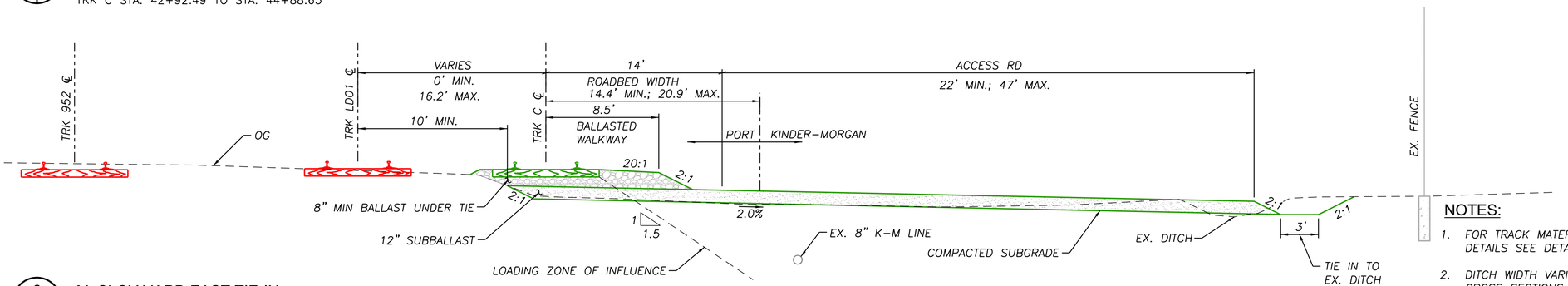


2 McCLOY YARD EAST CONFIGURATION WITH SOUTH DITCH

G-303

SCALE: 1" = 5'

TRK C STA. 42+92.49 TO STA. 44+88.63



3 McCLOY YARD EAST TIE-IN

G-303

SCALE: 1" = 5'

TRK C STA. 44+88.63 TO STA. 46+64.27

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. SEE DETAIL 4 ON SHEET CT-502 FOR STORM DRAIN CATCH BASIN DETAIL.
3. EX. K-M LINE DETERMINED TO WITHSTAND TRACK LOADING. SEE PIPELINE CALCULATIONS REPORT PREPARED BY HDR.
4. SEE DETAIL 5 ON SHEET CT-501 FOR TRACK UNDERDRAIN DETAILS.

NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. SEE DETAIL 5 ON SHEET CT-501 FOR TRACK UNDERDRAIN DETAILS.

NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. DITCH WIDTH VARIES. SEE PLANS AND CROSS SECTIONS FOR DETAILS.

SCALE 1" = 5'

0 5 10 15 FEET

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

McCLOY YARD
TYPICAL SECTIONS

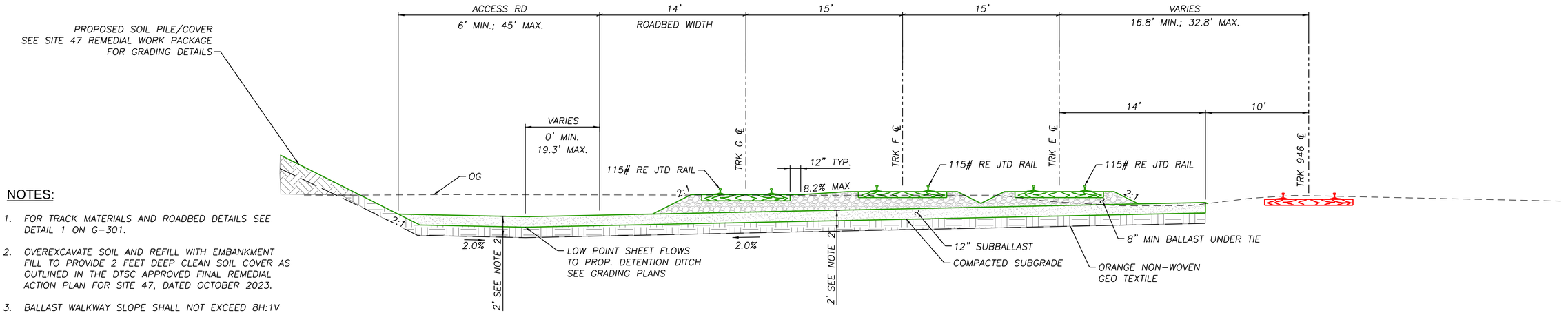
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SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 14 OF 68

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8/30/2026

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

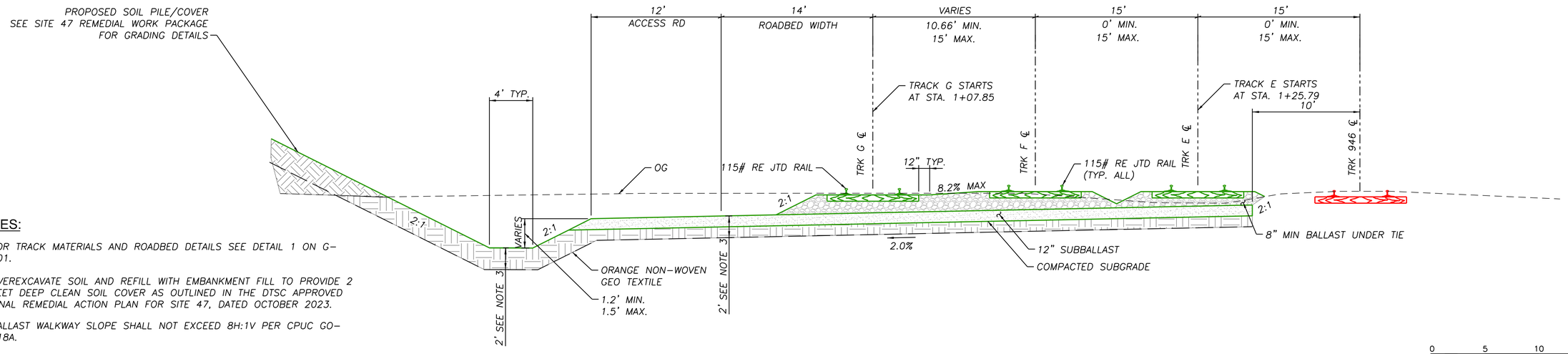


NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. OVEREXCAVATE SOIL AND REFILL WITH EMBANKMENT FILL TO PROVIDE 2 FEET DEEP CLEAN SOIL COVER AS OUTLINED IN THE DTSC APPROVED FINAL REMEDIAL ACTION PLAN FOR SITE 47, DATED OCTOBER 2023.
3. BALLAST WALKWAY SLOPE SHALL NOT EXCEED 8H:1V PER CPUC GO-118A.

1 / G-304 — TRACK 946 STORAGE TRACKS WITH NEW PORT EXPRESSWAY ROADWAY CONNECTION

SCALE: 1" = 5'
TRK F STA. 6+40.00 TO STA. 7+30.58



NOTES:

1. FOR TRACK MATERIALS AND ROADBED DETAILS SEE DETAIL 1 ON G-301.
2. OVEREXCAVATE SOIL AND REFILL WITH EMBANKMENT FILL TO PROVIDE 2 FEET DEEP CLEAN SOIL COVER AS OUTLINED IN THE DTSC APPROVED FINAL REMEDIAL ACTION PLAN FOR SITE 47, DATED OCTOBER 2023.
3. BALLAST WALKWAY SLOPE SHALL NOT EXCEED 8H:1V PER CPUC GO-118A.

2 / G-304 — TRACK 946 STORAGE TRACKS WITH DITCH

SCALE: 1" = 5'
TRK F STA. 0+00.00 TO STA. 6+40.00

0 5 10 15
SCALE FEET
1" = 5'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

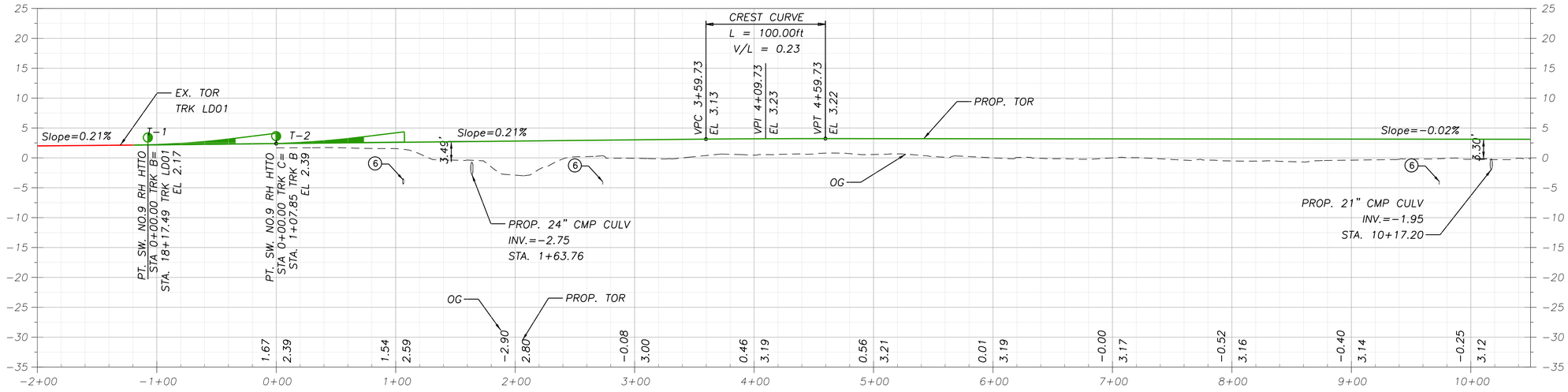
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TRACK 946 STORAGE
TYPICAL SECTIONS

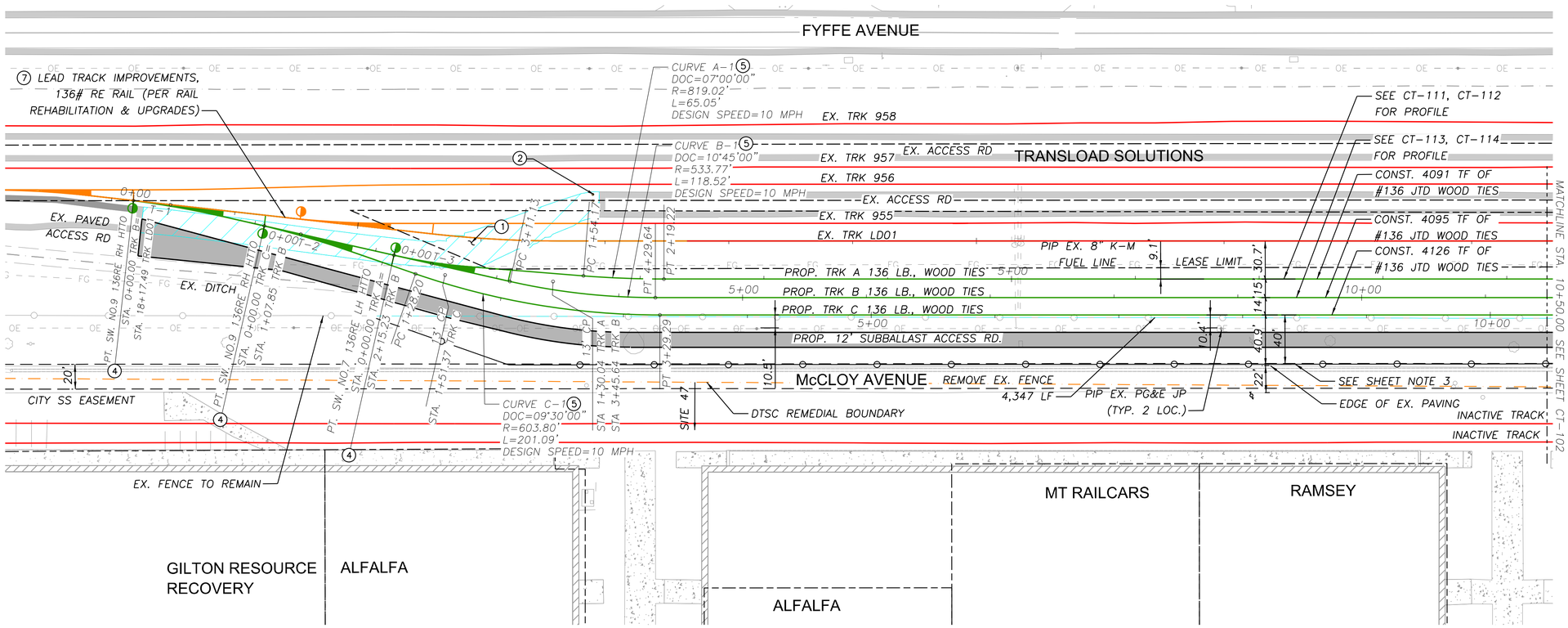
PROJ NO: 21273	SHEET NO. G-304
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 15 OF 68
DESIGNED BY: AG	

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PROFILE: TRACK C STA. -2+00.00 TO STA. 10+50.00



DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. CONTRACTOR SHALL EXTEND CWR RAIL ON CURVES A MINIMUM OF 200 FEET BEYOND POINT OF TANGENT UNLESS A TRANSITION POINT IS SPECIFICALLY NOTED ON THE PLANS.
3. WHERE TURNOUTS ARE LOCATED WITHIN 200 FEET AT THE END OF A CWR RAIL CURVE, CONTINUE CWR THROUGH THE TURNOUT AND TERMINATE AT A TANGENT LOCATION BEYOND THE TURNOUT.

SHEET NOTES:

(1) REMOVE 8,227 SQFT OF EXISTING PAVING AND PROTECT EXISTING TRACK IN PLACE FOR THE EXTENT SHOWN ON PLANS.

(2) INSTALL 4 SURFACE MOUNTED DELINEATORS AT 5.25' SPACING PER DETAIL 2 ON SHEET CT-503 TO BLOCK VEHICULAR TRAFFIC THROUGH TRACKS.

(3) INSTALL 2,365 LF OF 8' HIGH CHAINLINK FENCE PER DETAIL 1 ON SHEET CT-503.

(4) PROVIDE STANDARD WALKWAY AROUND TURNOUT SWITCHES PER UPRR AND CPUC REQUIREMENTS AS SHOWN ON DETAIL 1 ON SHEET CT-501.

(5) ADD CURVE BLOCK PLATES ON CURVES.

(6) SEE UTILITY PLANS FOR UTILITY DETAILS.

(7) CONTRACTOR TO COORDINATE WITH CREW PERFORMING RAIL REHABILITATION & UPGRADES WORK TO PERFORM TIE-IN. RAIL REHABILITATION & UPGRADES WILL BE BID IN THE FUTURE AS A SEPARATE PACKAGE.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

PLAN: TRACK C STA. -2+00.00 TO STA. 10+50.00

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

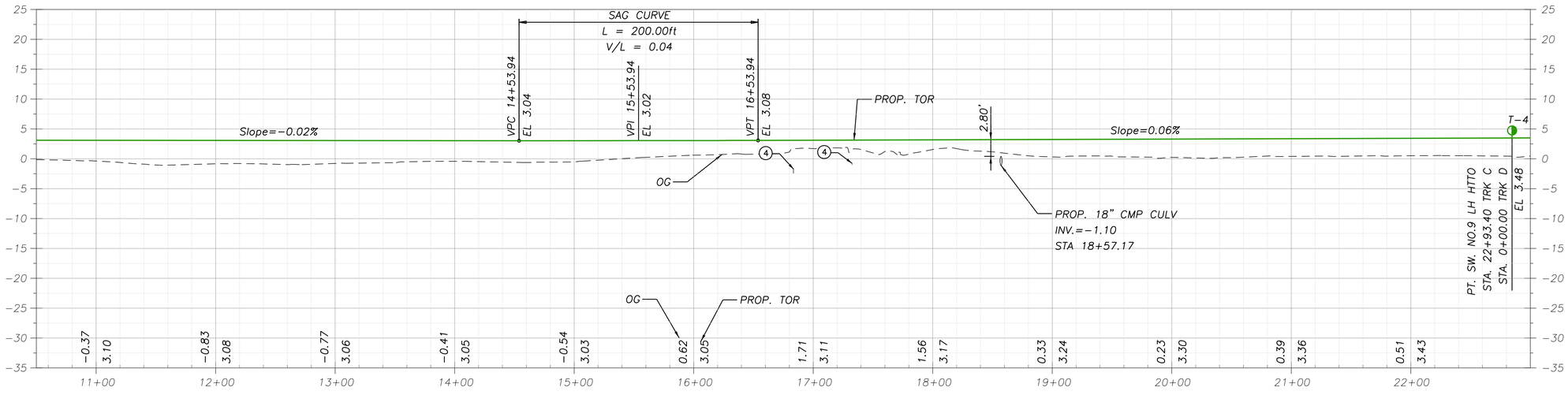
TRACK C PLAN AND PROFILE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

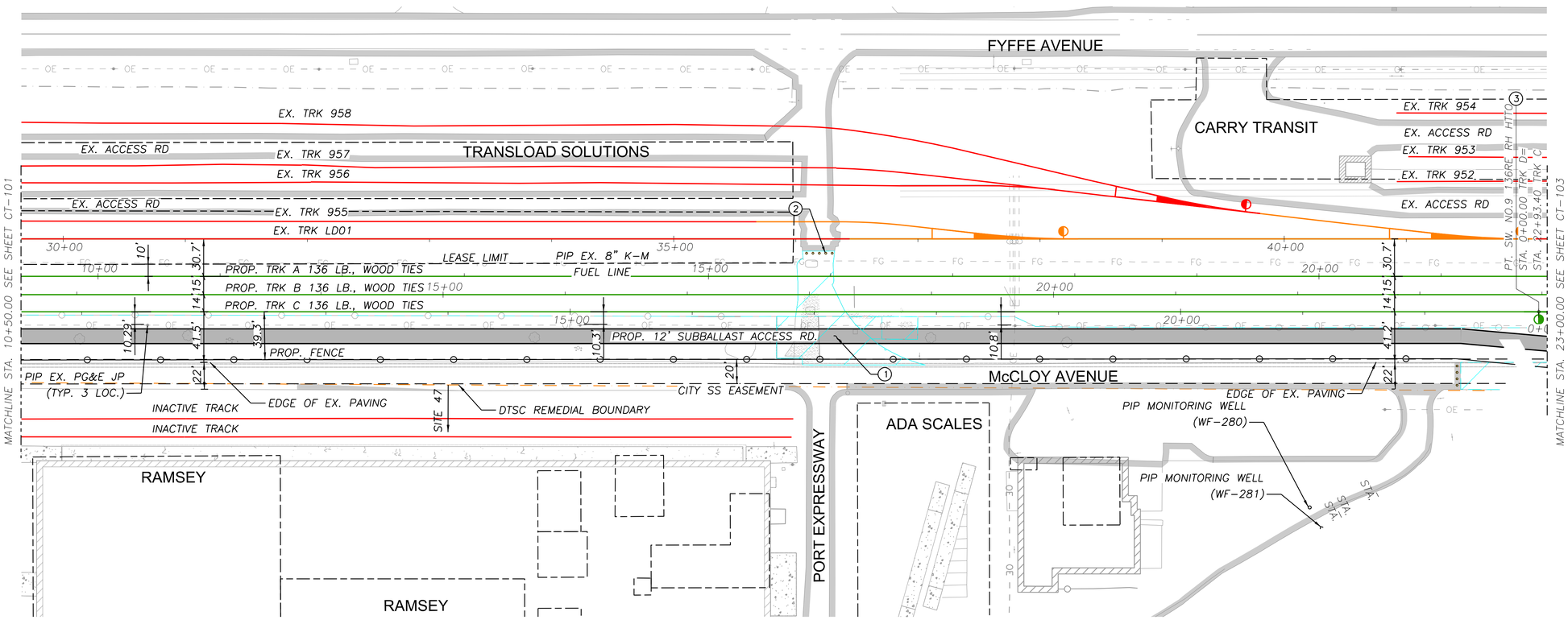
SHEET NO. CT-101
SHEET 16 OF 68

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PROFILE: TRACK C STA. 10+50.00 TO STA. 23+00.00



PLAN: TRACK C STA. 10+50.00 TO STA. 23+00.00

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. CONTRACTOR SHALL EXTEND CWR RAIL ON CURVES A MINIMUM OF 200 FEET BEYOND POINT OF TANGENT UNLESS A TRANSITION POINT IS SPECIFICALLY NOTED ON THE PLANS.
3. WHERE TURNOUTS ARE LOCATED WITHIN 200 FEET AT THE END OF A CWR RAIL CURVE, CONTINUE CWR THROUGH THE TURNOUT AND TERMINATE AT A TANGENT LOCATION BEYOND THE TURNOUT.

SHEET NOTES:

(1) REMOVE 4,874 SQFT OF EXISTING PAVING, CULVERT, GATE AND APPURTENANCES FOR THE EXTENT SHOWN ON PLANS.

(2) INSTALL 5 SURFACE MOUNTED DELINEATORS AT 5.25' SPACING PER DETAIL 2 ON SHEET CT-503 TO BLOCK VEHICULAR TRAFFIC THROUGH TRACKS.

(3) PROVIDE STANDARD WALKWAY AROUND TURNOUT SWITCHES PER UPRR AND CPUC REQUIREMENTS AS SHOWN ON DETAIL 1 ON SHEET CT-501.

(4) SEE UTILITY PLANS FOR UTILITY DETAILS.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

N

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

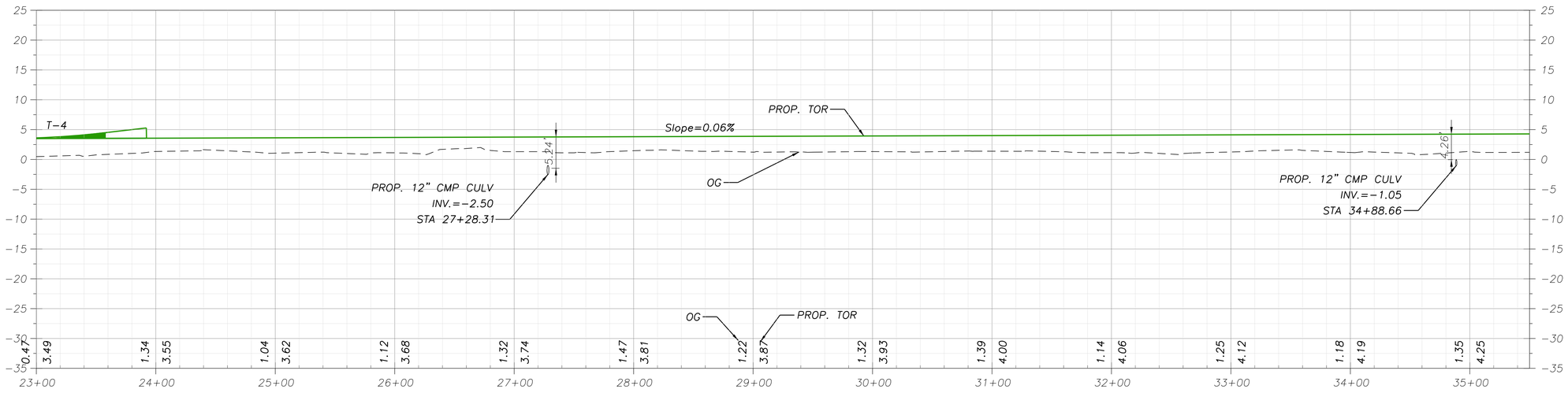
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TRACK C PLAN AND PROFILE SHEET

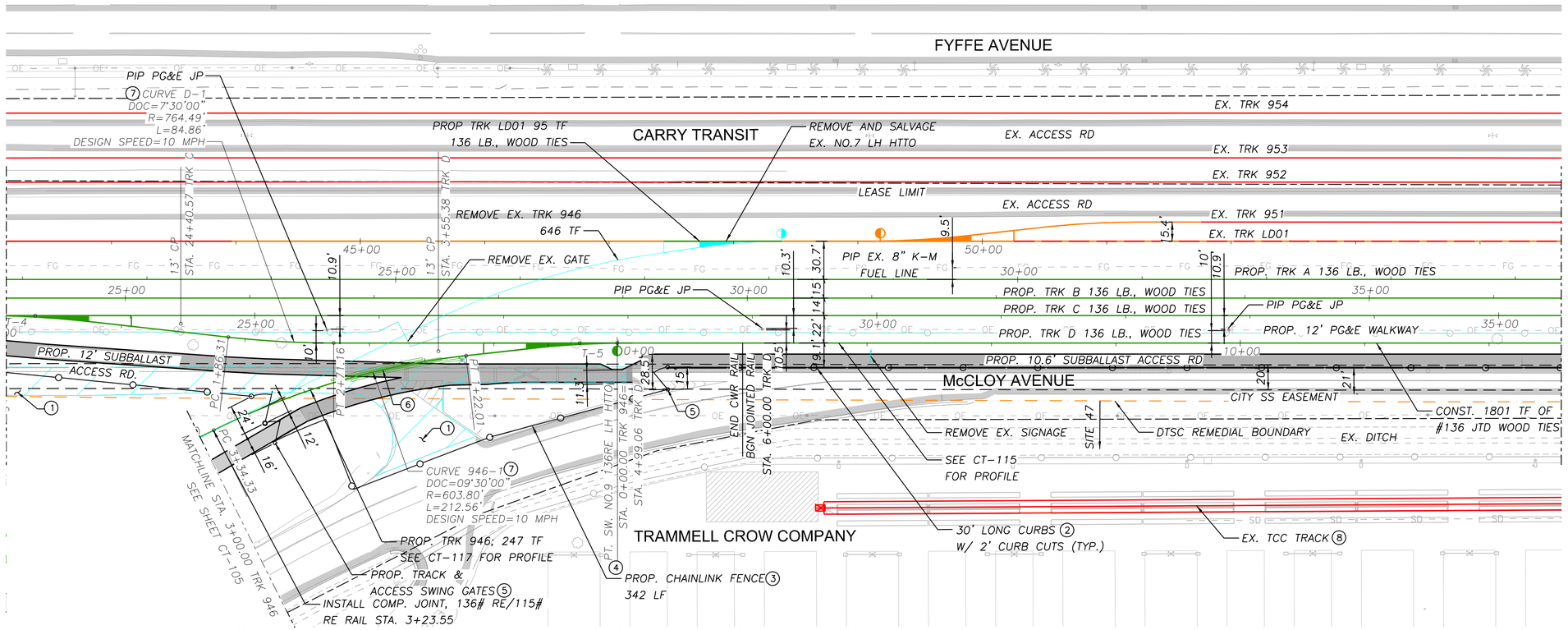
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SCALE: AS NOTED	
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DESIGNED BY: AG	SHEET 17 OF 68

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PROFILE: TRACK C STA. 23+00.00 TO STA. 35+50.00



PLAN: TRACK C STA. 23+00.00 TO STA. 35+50.00

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. CONTRACTOR SHALL EXTEND CWR RAIL ON CURVES A MINIMUM OF 200 FEET BEYOND POINT OF TANGENT UNLESS A TRANSITION POINT IS SPECIFICALLY NOTED ON THE PLANS.
3. WHERE TURNOUTS ARE LOCATED WITHIN 200 FEET AT THE END OF A CWR RAIL CURVE, CONTINUE CWR THROUGH THE TURNOUT AND TERMINATE AT A TANGENT LOCATION BEYOND THE TURNOUT.

SHEET NOTES:

① REMOVE 13,721 SQFT OF EXISTING PAVING FOR McCLOY AVENUE FOR THE EXTENT SHOWN ON PLANS.

② PROVIDE 1,628 LF CONCRETE CURB WALL SUPPORTING CHAINLINK FENCE PER DETAIL 4 ON SHEET CT-503.

③ INSTALL 8' HIGH 342 LF CHAINLINK FENCE PER DETAIL 1 ON SHEET CT-503.

④ PROVIDE STANDARD WALKWAY AROUND TURNOUT SWITCHES PER UPRR AND CPUC REQUIREMENTS AS SHOWN ON DETAIL 1 ON SHEET CT-501.

⑤ INSTALL CHAINLINK SWING GATE SPANNING TRACK AND ACCESS RD PER DETAIL 3 ON SHEET CT-503.

⑥ PROVIDE 89 LF PREFABRICATED TIMBER PANEL CROSSING SURFACE FOR THE PRIVATE CROSSING PER DETAIL 2 ON SHEET CT-501.

⑦ ADD CURVE BLOCK PLATES ON CURVES.

⑧ TRAMMELL CROW TRACKS AND IMPROVEMENTS SHOWN ARE BASED ON AS-BUILT CAD FILES. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF TRACKS AND DITCHES ALONG McCLOY AVENUE AND ADVISE IF ANY DESIGN DEVIATIONS ARE REQUIRED.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

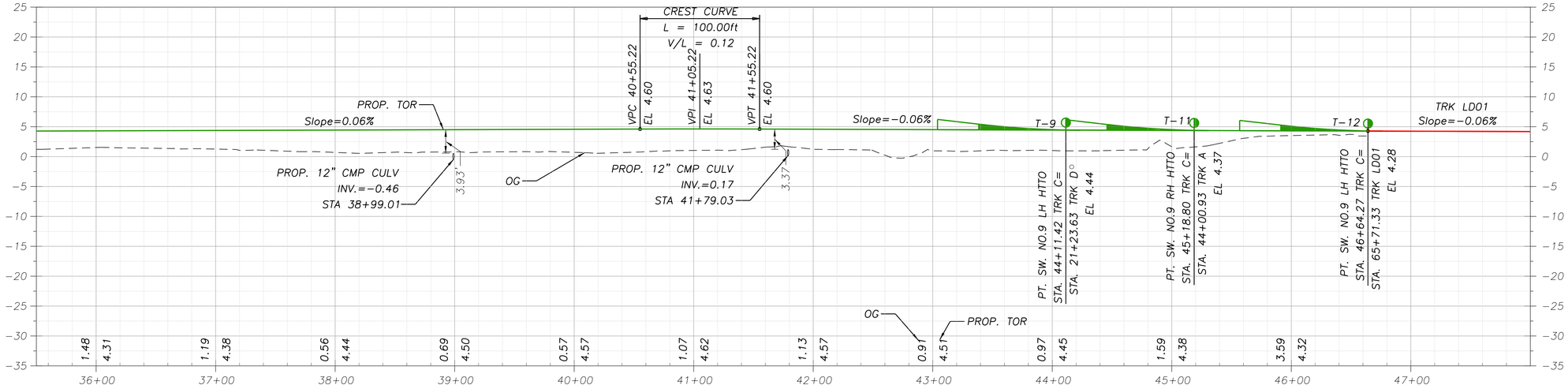
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TRACK C PLAN AND PROFILE SHEET

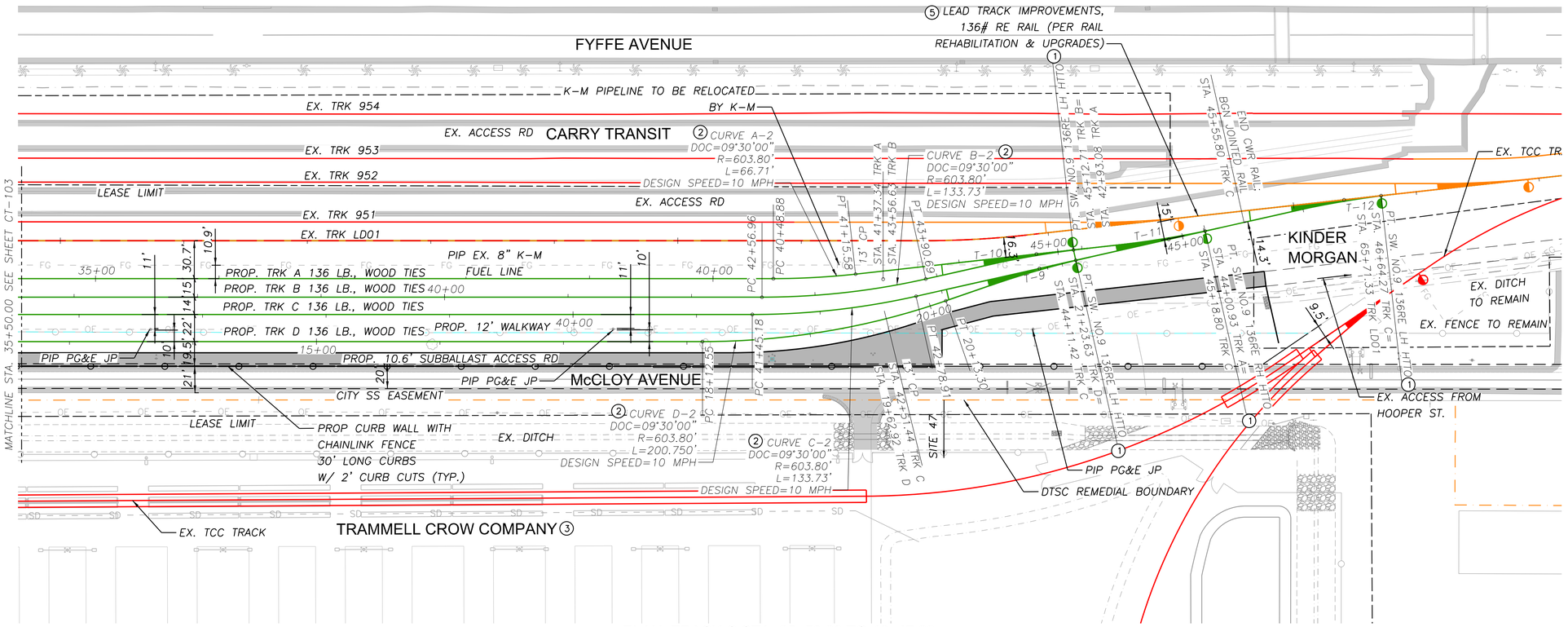
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SCALE: AS NOTED	
DATE: 08/31/2026	
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PROFILE: TRACK C STA. 35+50.00 TO 46+47.23



PLAN: TRACK C STA. 35+50.00 TO 46+47.23

VERTICAL SCALE 1" = 10'

HORIZONTAL SCALE 1" = 50'

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. CONTRACTOR SHALL EXTEND CWR RAIL ON CURVES A MINIMUM OF 200 FEET BEYOND POINT OF TANGENT UNLESS A TRANSITION POINT IS SPECIFICALLY NOTED ON THE PLANS.
3. WHERE TURNOUTS ARE LOCATED WITHIN 200 FEET AT THE END OF A CWR RAIL CURVE, CONTINUE CWR THROUGH THE TURNOUT AND TERMINATE AT A TANGENT LOCATION BEYOND THE TURNOUT.

SHEET NOTES:

① PROVIDE STANDARD WALKWAY AROUND TURNOUT SWITCHES PER UPRR AND CPUC REQUIREMENTS AS SHOWN ON DETAIL 1 ON SHEET CT-501.

② ADD CURVE BLOCK PLATES ON CURVES.

③ TRAMMELL CROW TRACKS AND IMPROVEMENTS SHOWN ARE BASED ON AS-BUILT CAD FILES. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF TRACKS AND DITCHES ALONG McCLOY AVENUE AND ADVISE IF ANY DESIGN DEVIATIONS ARE REQUIRED.

④ SEE UTILITY PLANS FOR UTILITY DETAILS.

⑤ CONTRACTOR TO COORDINATE WITH CREW PERFORMING RAIL REHABILITATION & UPGRADES WORK TO PERFORM TIE-IN. RAIL REHABILITATION & UPGRADES WILL BE BID IN THE FUTURE AS A SEPARATE PACKAGE.

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

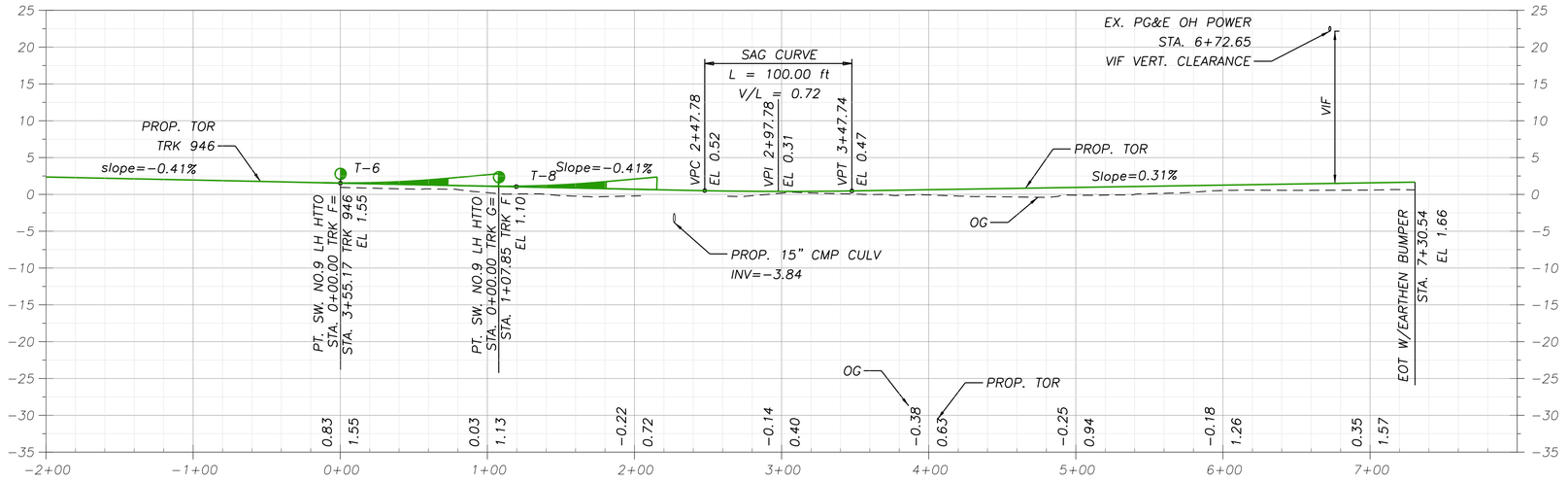
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TRACK C PLAN AND PROFILE SHEET

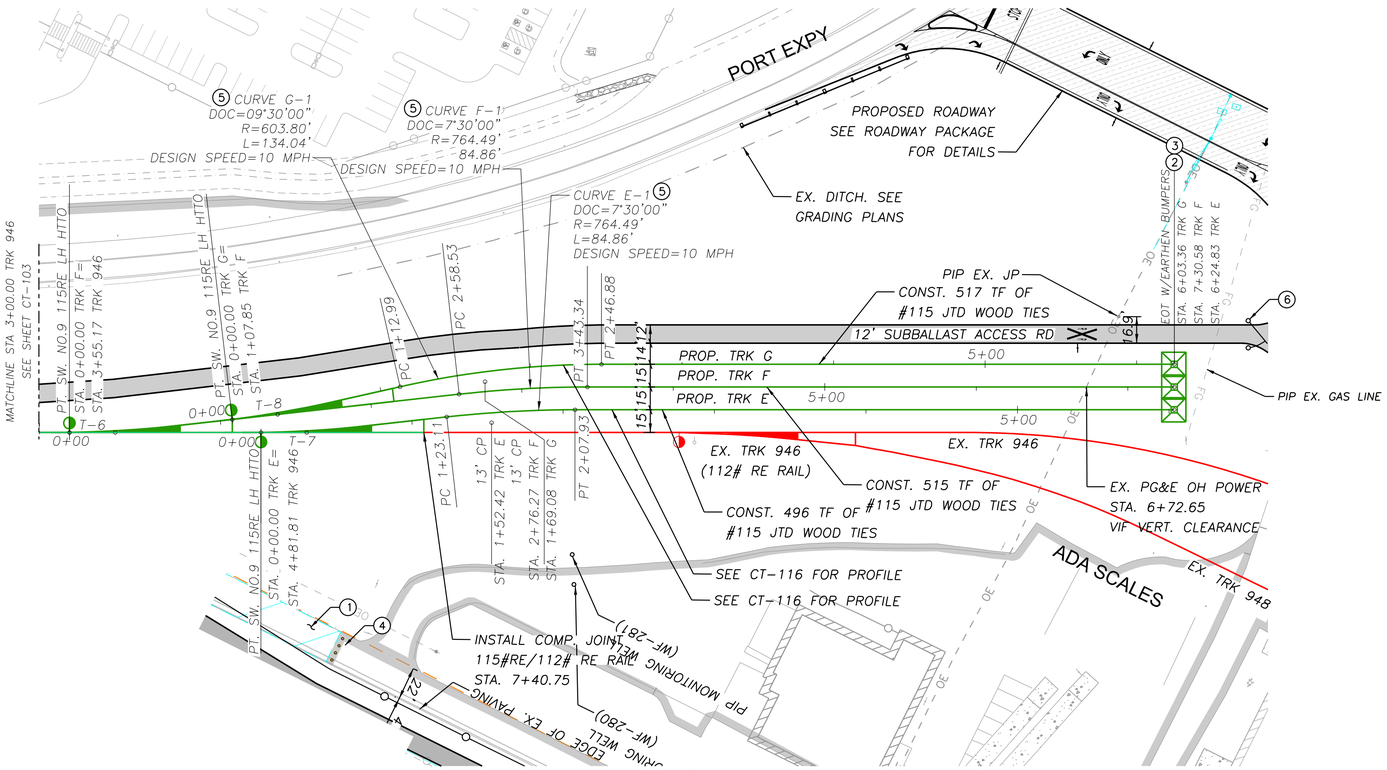
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SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 19 OF 68

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PROFILE



PLAN

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. IMPROVEMENTS SHOWN ON THIS PAGE ARE SITE 47 REMEDIAL LIMITS. CONTRACTOR SHALL OBTAIN DTSC PERMITS FROM OWNER AND PERFORM REMEDIATION WORK AS PER THE APPROVED PERMIT BEFORE PERFORMING TRACK IMPROVEMENTS.
3. CONTRACTOR SHALL EXTEND CWR RAIL ON CURVES A MINIMUM OF 200 FEET BEYOND POINT OF TANGENT UNLESS A TRANSITION POINT IS SPECIFICALLY NOTED ON THE PLANS.
4. WHERE TURNOUTS ARE LOCATED WITHIN 200 FEET AT THE END OF A CWR RAIL CURVE, CONTINUE CWR THROUGH THE TURNOUT AND TERMINATE AT A TANGENT LOCATION BEYOND THE TURNOUT.

SHEET NOTES:

(1) REMOVE EXISTING PAVING FOR McCLOY AVENUE FOR THE EXTENT SHOWN ON SHEET CT-103.

(2) INSTALL EARTHEN BUMPER PER UPRR STANDARD DRAWING 0030D.

(3) INSTALL EOT SIGN PER UPRR STANDARD DRAWING 0513A.

(4) INSTALL 4 SURFACE MOUNTED DELINEATORS AT 5.25' SPACING PER DETAIL 2 ON SHEET CT-504 TO BLOCK VEHICULAR TRAFFIC THROUGH TRACKS.

(5) ADD CURVE BLOCK PLATES ON CURVES.

(6) PROVIDE MAINTENANCE ACCESS TUBULAR STEEL GATE PER UPRR STANDARD DRAWING # 0076. AMEND SIGNAGE TO STATE "PORT PROPERTY" INSTEAD OF "UPRR PROPERTY".

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TRACK F PLAN AND PROFILE SHEET

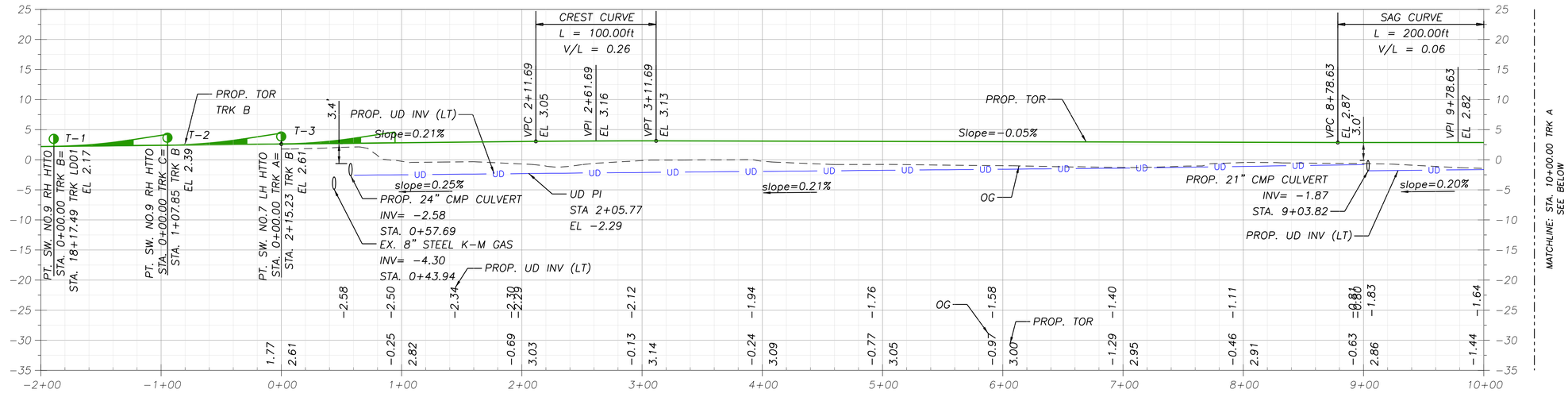
PROJ NO: 21273	SHEET NO. CT-105
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 20 OF 68
DESIGNED BY: AG	

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

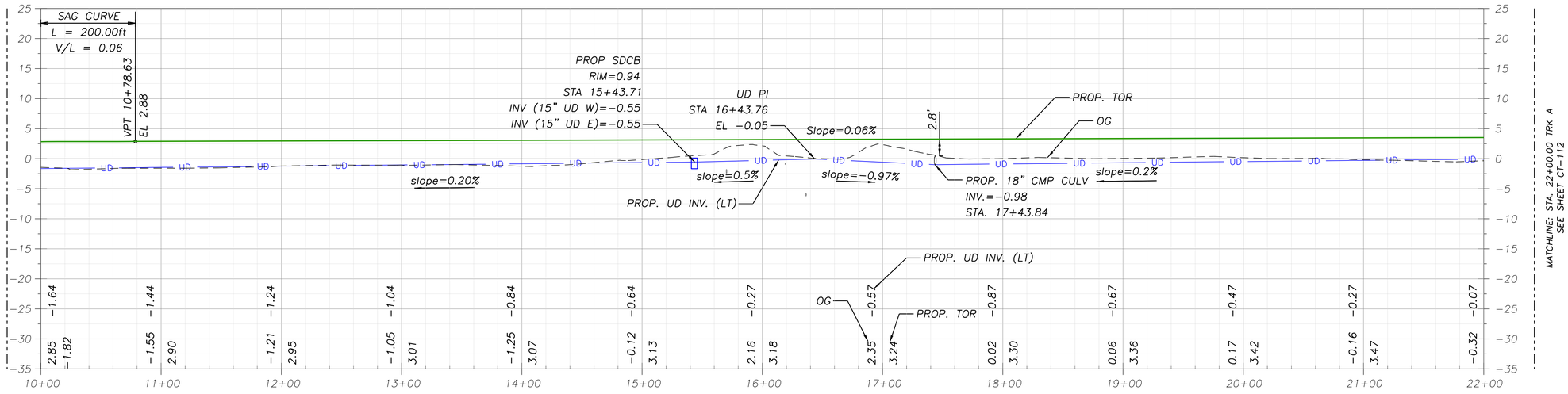
Arka Ghosh - 8/30/2026 6:57:57 PM - pw://JMA-PW-APP.jmadvit.com:JMA-PW/Documents/Projects/21273-HDR/ProS/Rail/Sheets/McCloy Yard/CT-100 McCloy.dgn

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. SEE UTILITY PLANS FOR UTILITY DETAILS.



PROFILE
TRK A STA. -2+00 TO 10+00



PROFILE
TRK A STA. 10+00 TO 22+00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TRACK A
PROFILE SHEET

PROJ NO: 21273	SHEET NO. CT-111
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 21 OF 68
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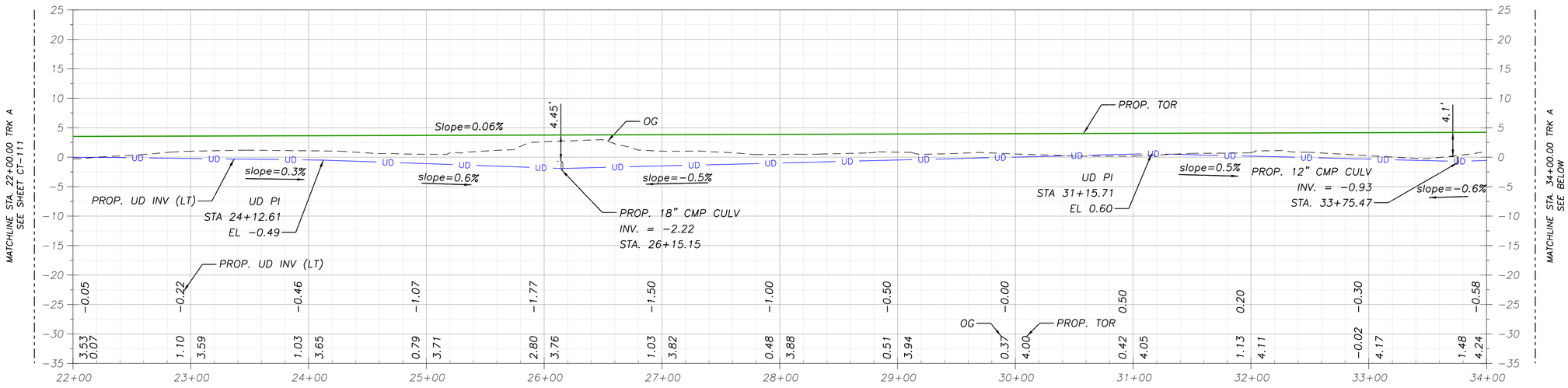
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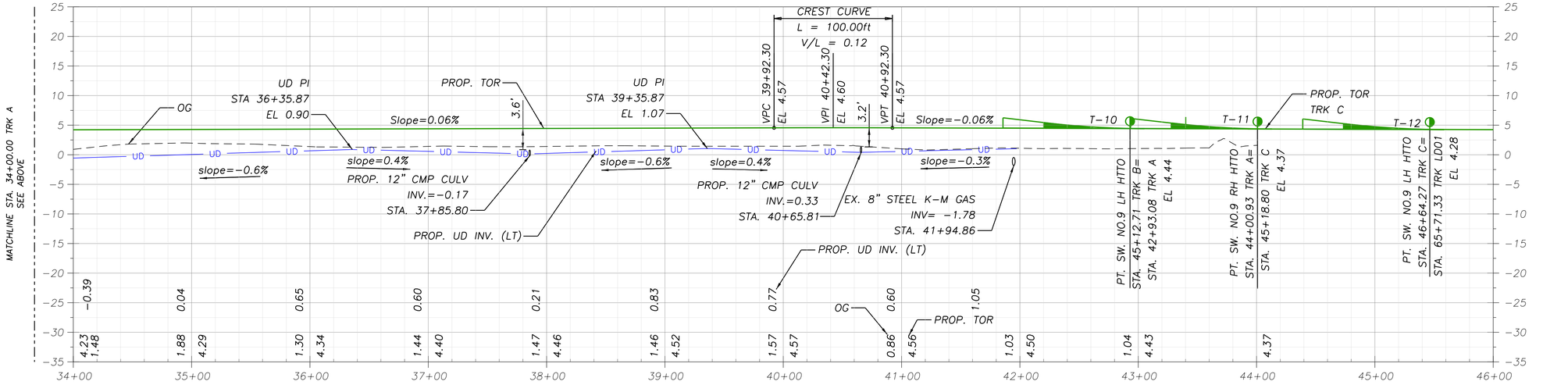
AvkaGhosh - 8/6/2026 6:11:54 PM - pw://JMA-PW-APP_Jmadvil.com:JMA-PW/Documents/Projects/21273-HDR/to2/Rail/Sheets/McCloy YardCT-100 McCloy.dgn

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. SEE UTILITY PLANS FOR UTILITY DETAILS.



PROFILE
TRK A STA 22+00 TO 34+00



PROFILE
TRK A STA 34+00 TO 46+00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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SHEET TITLE:
TRACK A
PROFILE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

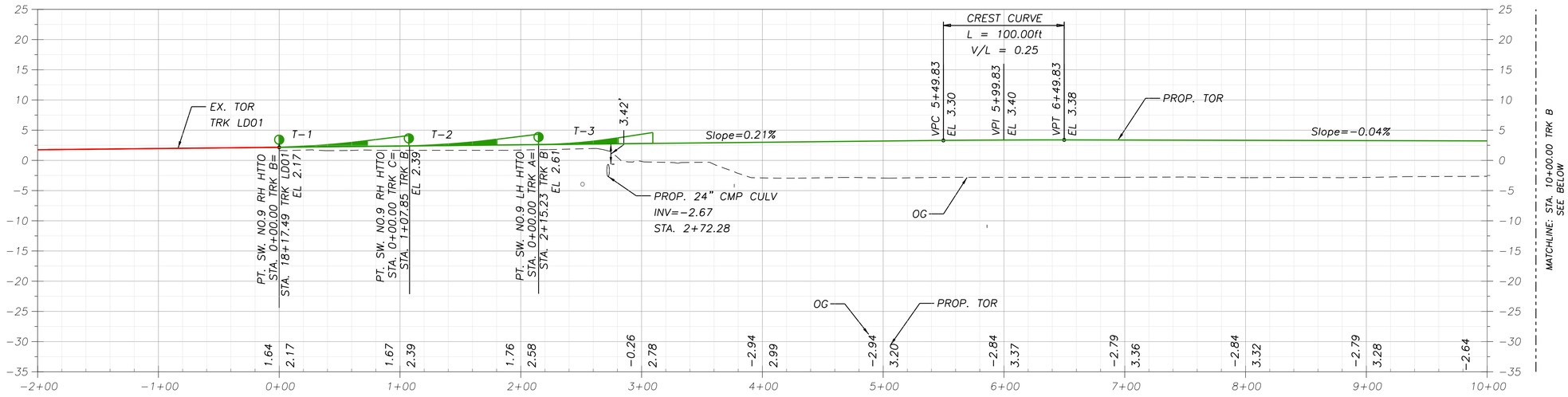
SHEET NO.
CT-112
SHEET 22 OF 68

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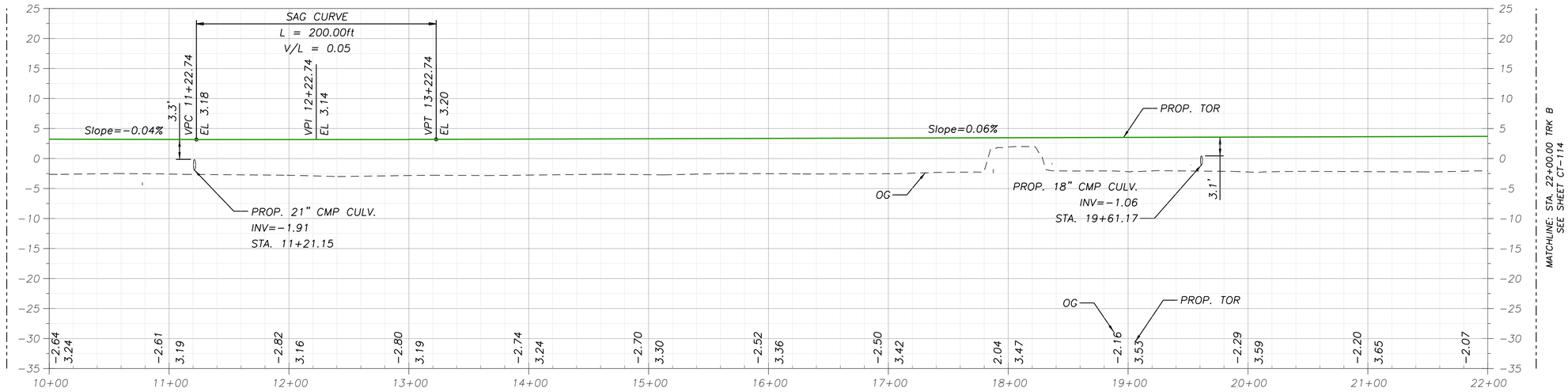
AnkaGhosh - 8/6/2026 6:12:33 PM - pw://JMA-PW-ARP.jmadvil.com:JMA-PW/Documents/Projects/21273-HDR/ps/Rail/Sheets/McCloy YardCT-100 McCloy.dgn

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.
2. SEE UTILITY PLANS FOR UTILITY DETAILS.



PROFILE
TRK B STA. -2+00 TO 10+00



PROFILE
TRK B STA. 10+00 TO 22+00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
TRACK B
PROFILE SHEET

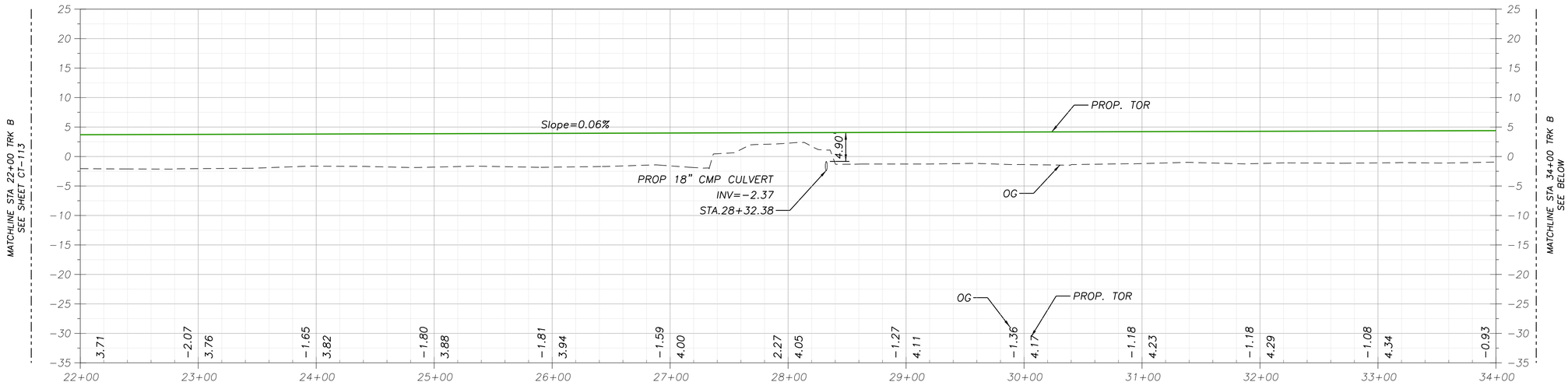
PROJ NO: 21273	SHEET NO. CT-113
SCALE: AS NOTED	SHEET 23 OF 68
DATE: 08/31/2026	
DESIGNED BY: AG	

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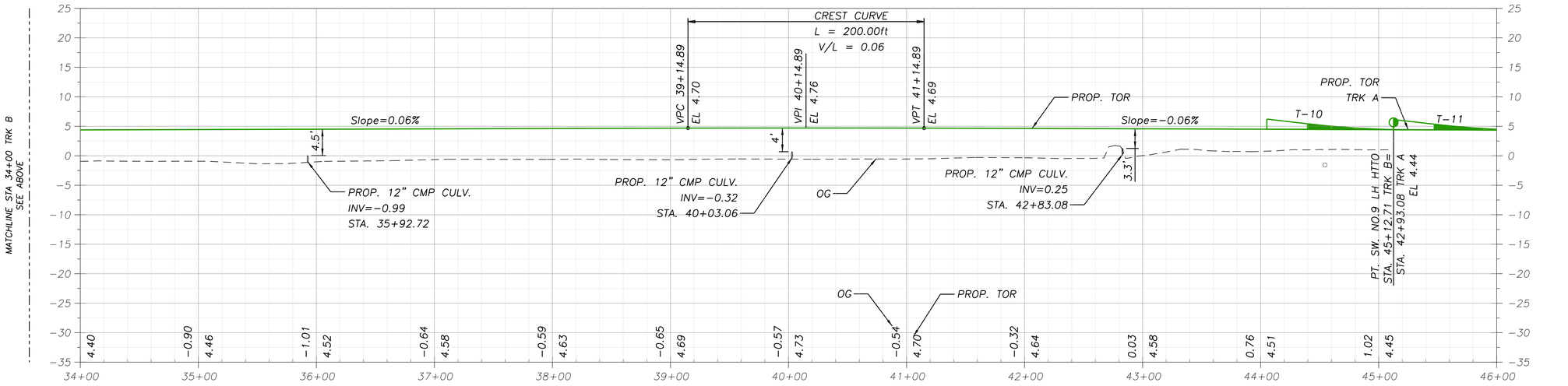
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DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



PROFILE
TRK B STA. 22+00 TO 34+00



PROFILE
TRK B STA. 34+00 TO 46+00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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SHEET TITLE:
TRACK B
PROFILE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

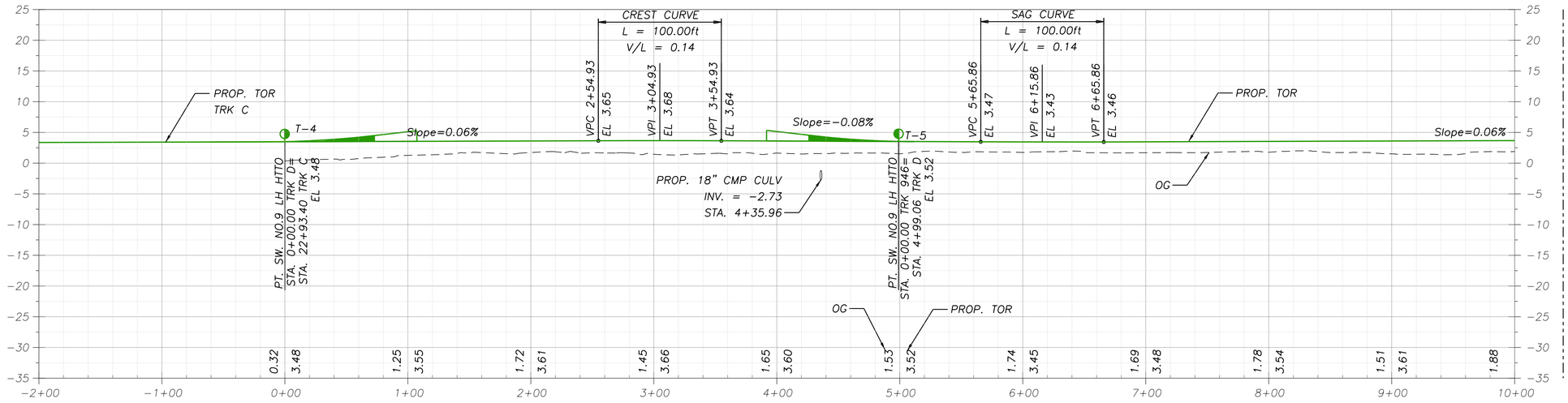
SHEET NO.
CT-114
SHEET 24 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

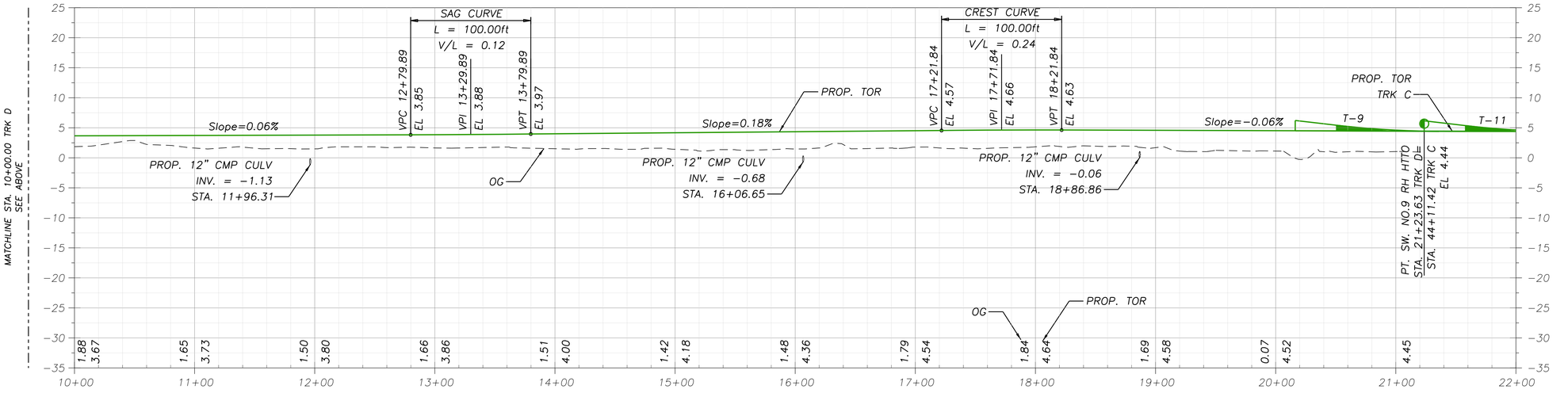
AnkaGhosh - 8/6/2026 - 6:13:58 PM - pw://JMA-PW-ARP.jmadvil.com:JMA-PW/Documents/Projects/21273-HDR%oS/Rail/Sheets/McCloy Yard/CT-100 McCloy.dgn

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



PROFILE
TRK D STA -2+00 TO 10+00



PROFILE
TRK D STA 10+00 TO 22+00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TRACK D
PROFILE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

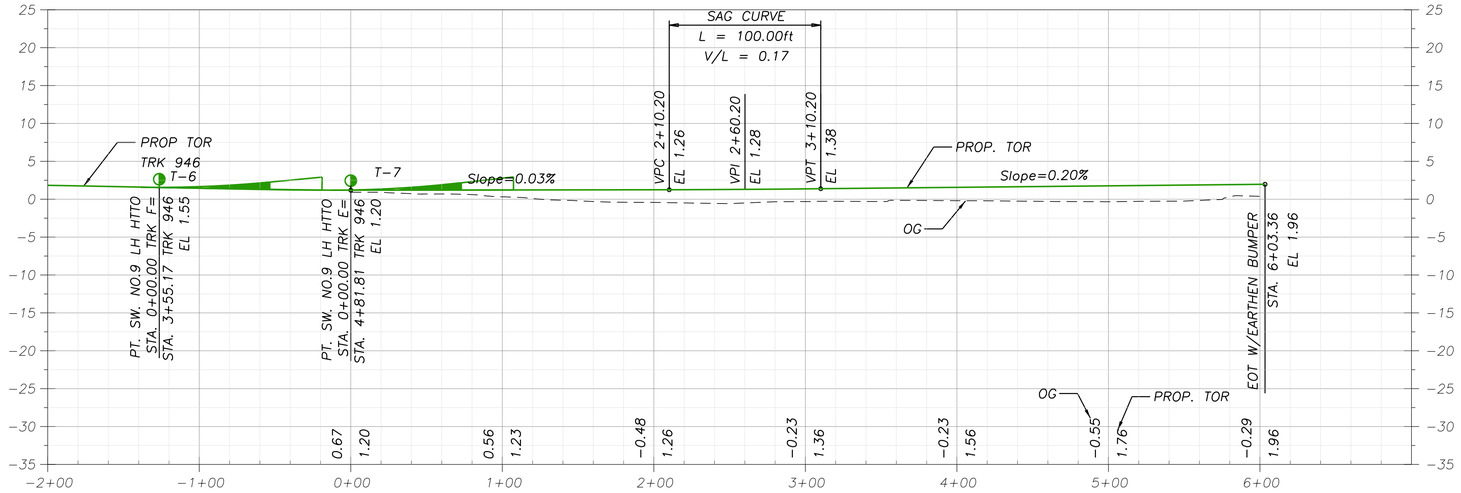
SHEET NO.
CT-115
SHEET 25 OF 68

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DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



PROFILE: TRACK E

PROFILE: TRACK G

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TRACKS E AND G
PROFILE SHEET

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

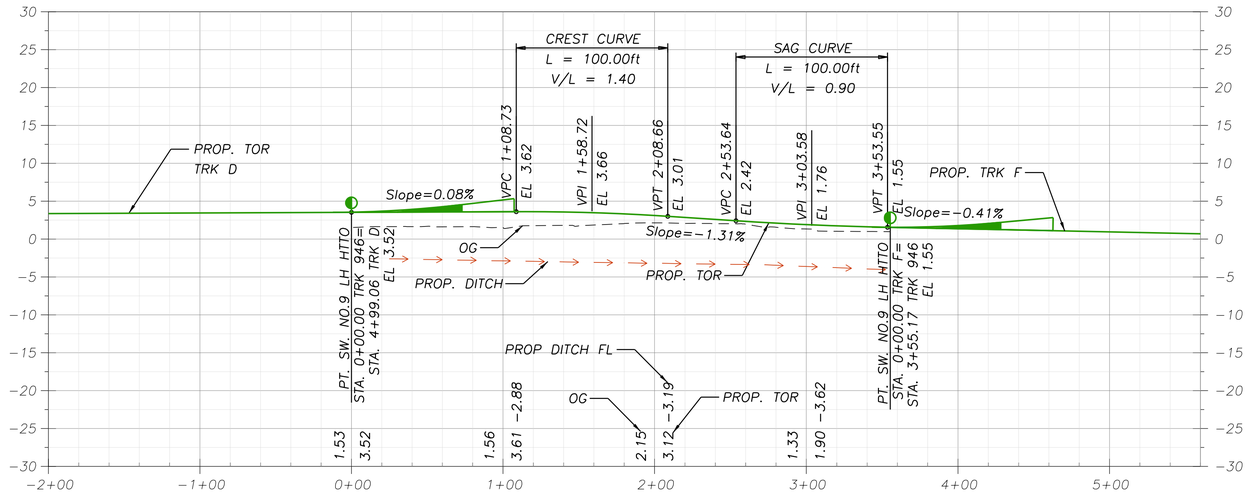
SHEET NO.
CT-116
SHEET 26 OF 68

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DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.



PROFILE: TRACK 946

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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					0	08/31/26	ISSUED FOR BID
					MARK	DATE	DESCRIPTION

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
TRACK 946
PROFILE SHEET

PROJ NO: 21273	SHEET NO.
SCALE: AS NOTED	CT-117
DATE: 08/31/2026	SHEET 27 OF 68
DESIGNED BY: AG	

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8/6/2026 - 6:16:33 PM - pw://JMA-PW-APP.jmadvfl.com:JMA-PW/Documents/Projects/21273-HDRPoS/Rail/Sheets/McCloy YardCT-100 McCloy.dgn

DESIGN NOTES:

1. REFER TO SHEET G-004 & G-005 FOR PROJECT DESIGN NOTES.
2. SITE 47 IS A REMEDIATIAL SITE UNDER DTSC JURISDITCTION AND PROPOSED CONSTRUCTION ACTIVITIES ARE SUBJECT TO THE DTSC APPROVED FINAL REMEDIAL ACTION PLAN PREPARED BY GEOSYNTEC FOR THE ADJACENT TRAMMELL CROW PROJECT IN OCTOBER 2023.

SHEET NOTE:

(1) PER DTSC REMEDIAL ACTION PLAN, EXCAVATED EARTHWORK SHALL BE FORMED INTO A SOIL PILE WITHIN SITE 47 BOUNDARIES. CONTRACTOR SHALL COORDINATE SOIL PILE SIZE AND FINAL LOCATION WITH PORT OF STOCKTON.

LEGEND

TEMPORARY SILT FENCE

TEMPORARY CHECK DAMS

CONSTRUCTION ENTRANCE

ELLSBERG DR.
MAAS DR.
BOONE DR.
LIPES DR.
JAMES DR.
WEST COMPLEX
DAVIS AVE.
FYFFE ST.
HUMPHREYS ST
TRANSLOAD
CARRY TRANSIT
McCLOY YARD
McCLOY AVE.
PORT LEAD
PORT EXPY
TRAMMELL CROW COMPANY
FERGUSON ENTERPRISES
TRK. LD01
MP 2.85
150+41.96
TRK. 946

PROVIDE CONSTRUCTION ENTRANCE FROM HUMPHREYS PER DETAIL 3 ON SHEET CT-505
PROVIDE CONSTRUCTION ENTRANCE FROM DAGGETT PER DETAIL 3 ON SHEET CT-505
PROVIDE CONSTRUCTION ENTRANCE FROM HOOPER PER DETAIL 3 ON SHEET CT-505
PROVIDE 3980 LF SILT FENCE 12' SOUTH OF TRK LD01 PER DETAIL 1 ON SHEET CT-505
PROVIDE 3980 LF SILT FENCE 12' SOUTH OF TRK LD01 PER DETAIL 1 ON SHEET CT-505
TIE IN TO EX. DITCH
PROVIDE CHECK DAMS ALONG DITCH PER DETAIL 2 ON SHEET CT-505
PROP. UD
PROVIDE CHECK DAMS ALONG DITCH PER DETAIL 2 ON SHEET CT-505
TOWARDS BURNS CUTOFF OUTFALL
PROVIDE 2730 LF SILT FENCE ALONG McCLOY AVENUE PER DETAIL 1 ON SHEET CT-505
PROP. TRAPEZOIDAL DITCH
PROP. V-DITCH
EX. DITCH TO BE REMOVED
TIE IN TO EX. DITCH
PROP. DETENTION BASIN
PROVIDE 1910 LF SILT FENCE ALONG McCLOY AVENUE PER DETAIL 1 ON SHEET CT-505
PROVIDE CONSTRUCTION ENTRANCE FROM McCLOY PER DETAIL 3 ON SHEET CT-505
PROVIDE CHECK DAMS ALONG V-DITCH PER DETAIL 2 ON SHEET CT-505
PROVIDE 1230 LF SILT FENCE ALONG PORT EXPRESSWAY PER DETAIL 1 ON SHEET CT-505
PROP. TRACK DITCH
PROP. RDWY DITCH
SITE 47 REMEDIAL SITE BOUNDARY. SEE DESIGN NOTE 2.
EX. CULVERT
PROP. ROADWAY SEE RDWY PLANS
EX. V-DITCH
PROVIDE CONSTRUCTION ENTRANCE FROM PORT EXPY PER DETAIL 3 ON SHEET CT-505
PROP 10' HIGH SOIL PILE FOR SITE 47 (1) OVEREXCAVATION
TOWARDS BURNS CUTOFF OUTFALL
EX. DITCH
EX. CULVERT
EX. DITCH

SCALE 1" = 200'
0 200 400 600 FEET

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

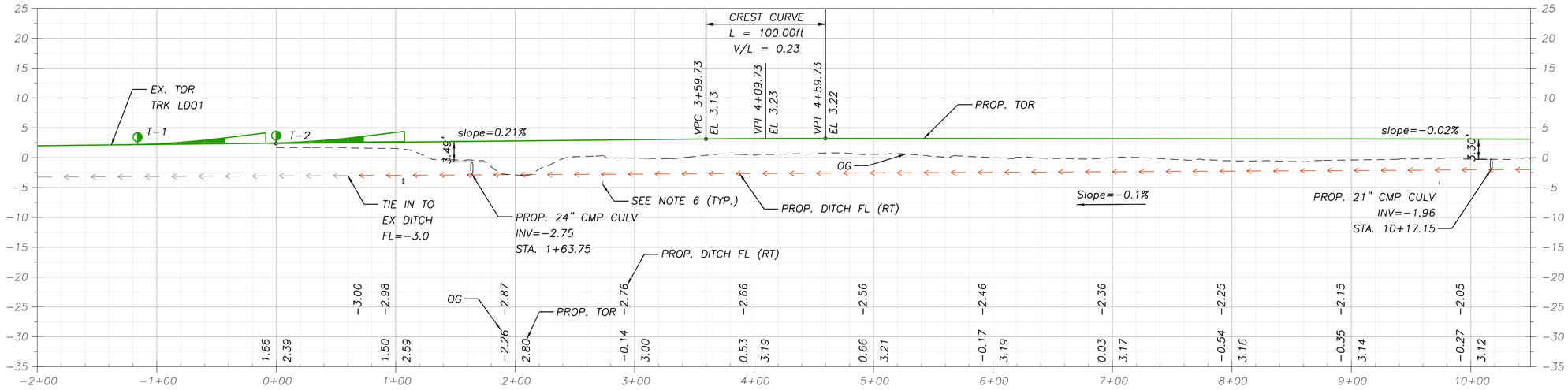
SHEET TITLE:

DRAFT OVERALL EROSION CONTROL PLAN

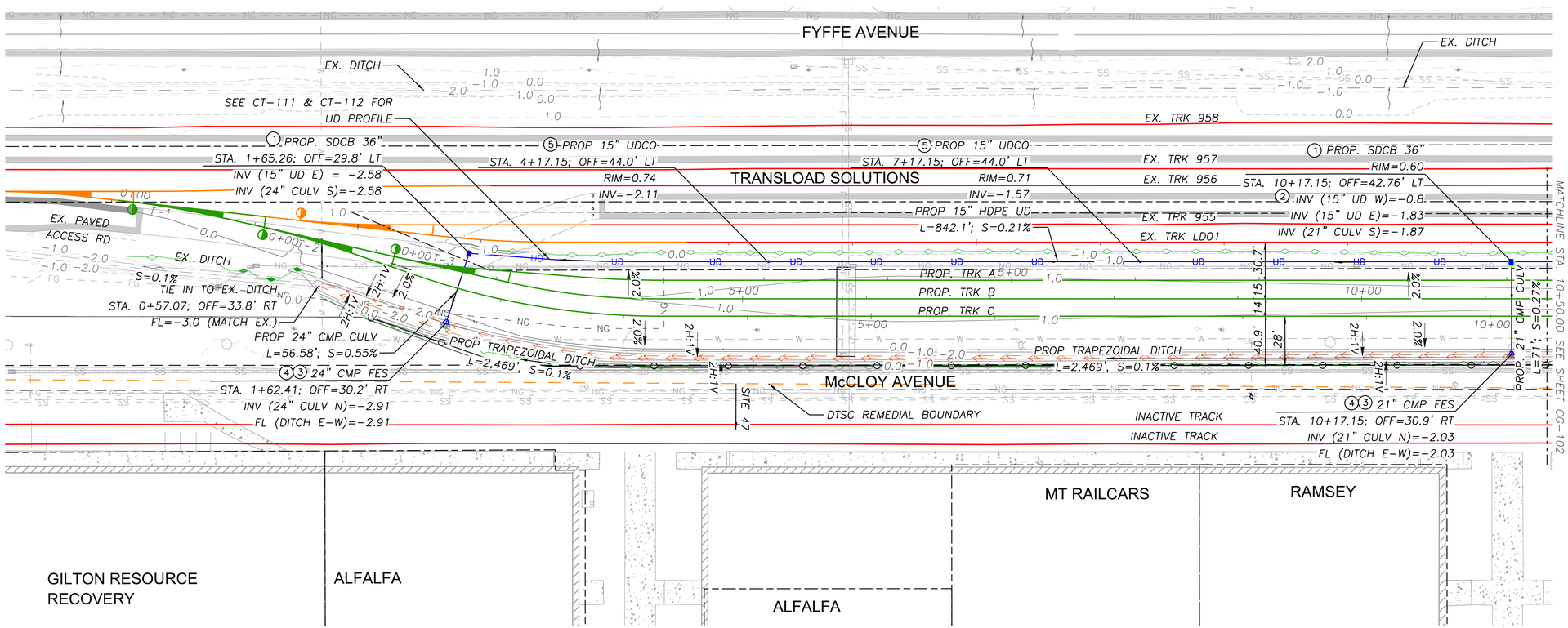
PROJ NO: 21273	SHEET NO. CG-100
SCALE: AS NOTED	SHEET 28 OF 68
DATE: 08/31/2026	
DESIGNED BY: AG	

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PROFILE: TRACK C STA. -2+00.00 TO STA. 10+50.00



PLAN: TRACK C STA. -2+00.00 TO STA. 10+50.00

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

N

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

1. INSTALL STORM DRAIN CATCH BASIN PER DETAIL 4 ON SHEET CT-502.
2. PROVIDE UNDERDRAIN PER DETAIL 5 ON SHEET CT-501.
3. PROVIDE RIPRAP PER DETAIL 3 ON SHEET CT-502.
4. INSTALL METAL FLARED END SECTION TYPE 1 OR 3 OF SIZE NOTED PER CALTRANS STD DRAWING NO. D94A.
5. PROVIDE UNDERDRAIN CLEANOUT PER DETAIL 1 ON SHEET CT-502.
6. SEE UTILITY SHEETS CU-101 THROUGH CU-104 FOR DETAILS ON CROSSING UTILITIES SHOWN ON PROFILE.

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

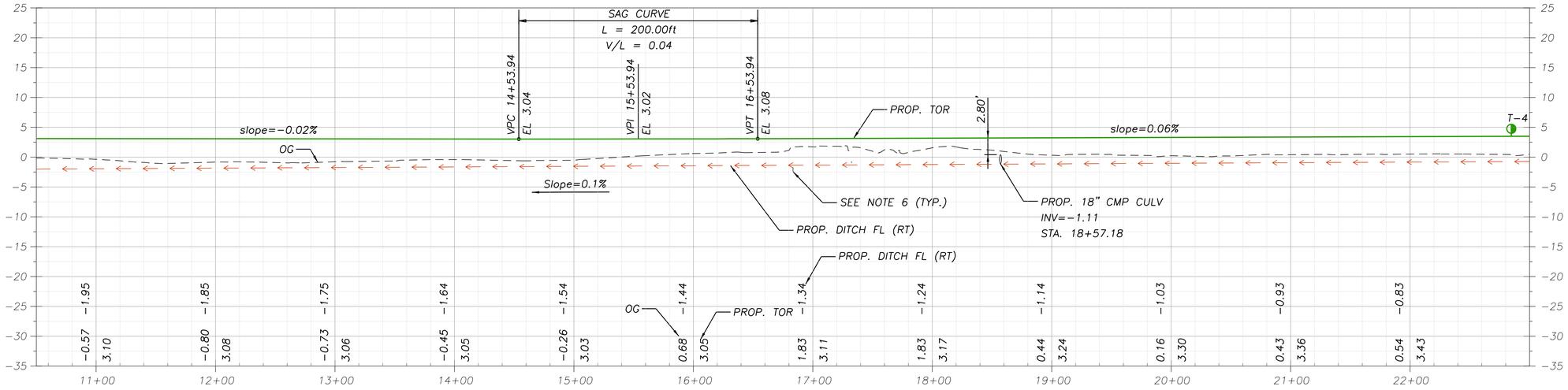
315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
McCLOY YARD GRADING AND DRAINAGE PLAN

PROJ NO: 21273	SHEET NO. CG-101
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 29 OF 68

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DESIGN NOTES:

1. REFER TO SHEETS G−004 & G−005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

(1) PROVIDE UNDERDRAIN PER DETAIL 5 ON SHEET CT−501.

(2) PROVIDE UNDERDRAIN CLEANOUT PER DETAIL 1 ON SHEET CT−502.

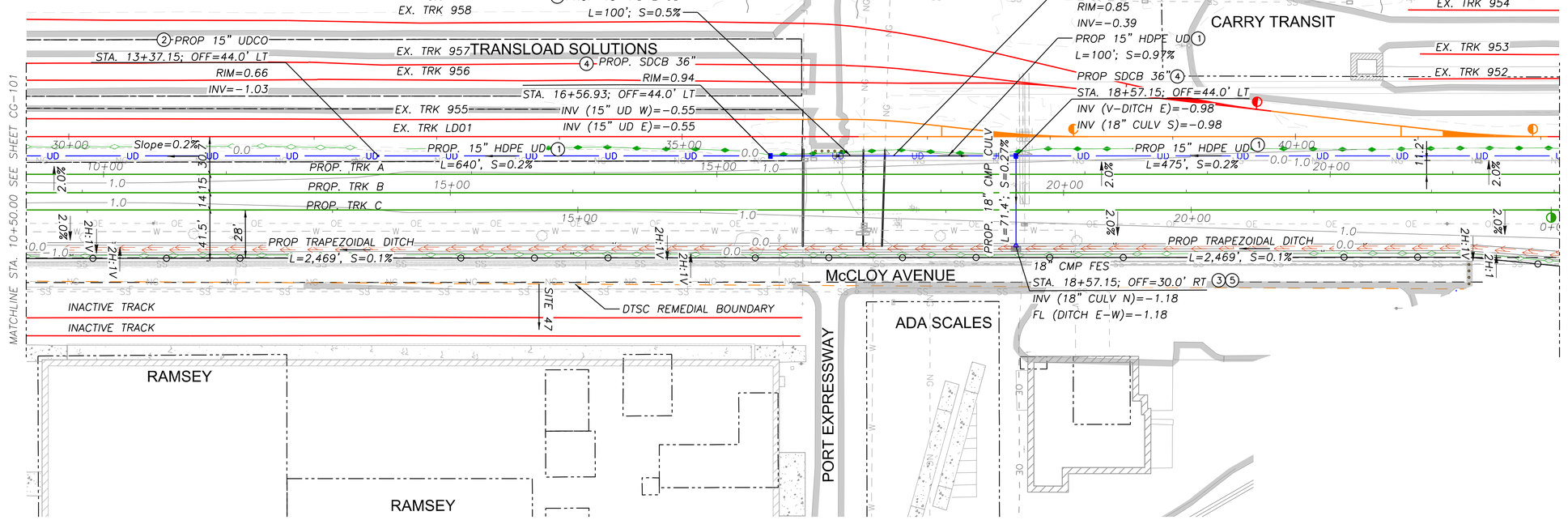
(3) PROVIDE RIPRAP PER DETAIL 3 ON SHEET CT−502.

(4) INSTALL STORM DRAIN CATCH BASIN PER DETAIL 4 ON SHEET CT−502.

(5) INSTALL METAL FLARED END SECTION TYPE 1 OR 3 OF SIZE NOTED PER CALTRANS STD DRAWING NO. D94A.

(6) SEE UTILITY SHEETS CU−101 THROUGH CU−104 FOR DETAILS ON CROSSING UTILITIES SHOWN ON PROFILE.

PROFILE: TRACK C STA. 10+50.00 TO STA. 23+00.00



PLAN: TRACK C STA. 10+50.00 TO STA. 23+00.00

VERTICAL SCALE 1" = 10' (0, 10, 20, 30 FEET)

HORIZONTAL SCALE 1" = 50' (0, 50, 100, 150 FEET)

N

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:	ISSUE:	REVISIONS:	
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com	LICENSED PROFESSIONAL ENGINEER ★ ARKAPRABHA GHOSH ★ C91571 Exp. 09/30/28 ★ CIVIL ENGINEER ★ STATE OF CALIFORNIA	ISSUED FOR BID NOT FOR CONSTRUCTION 08/31/2026	0 | 08/31/26 | ISSUED FOR BID MARK | DATE | DESCRIPTION	

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

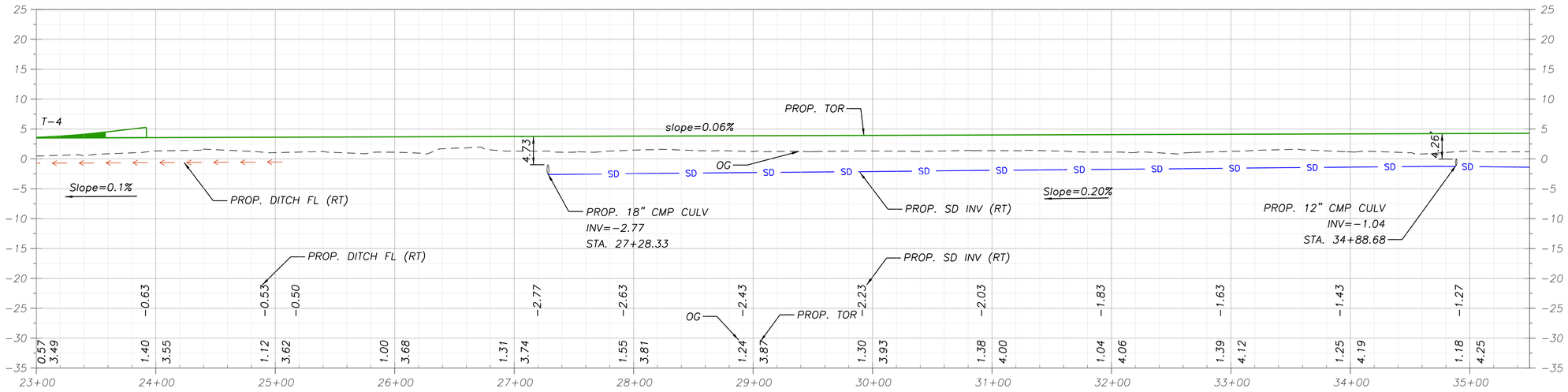
SHEET TITLE:

McCLOY YARD GRADING AND DRAINAGE PLAN

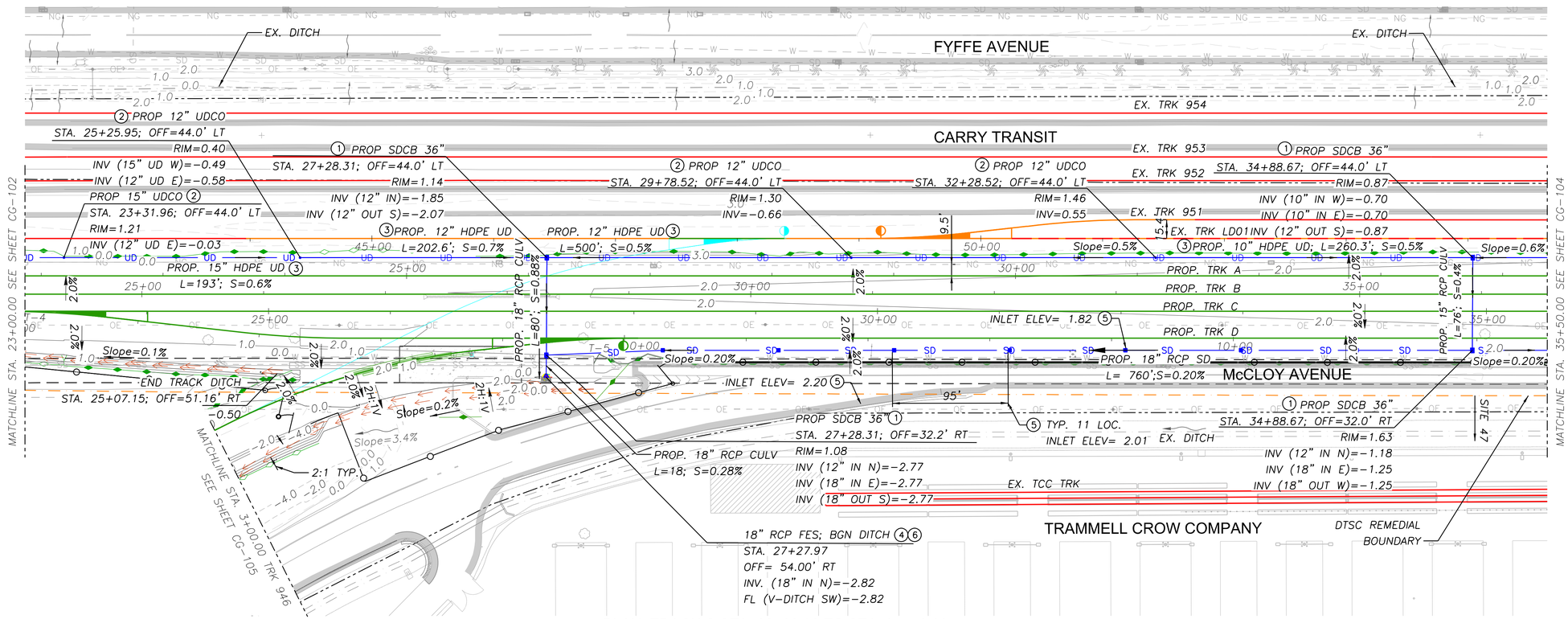
PROJ NO: 21273	SHEET NO. CG-102
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 30 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh 8/30/2026 - 7:54:02 PM - pw://JMA-PW-APP.jmadvit.com:JMA-PW/Documents/Projects/21273-HDRPoS/Rail/Sheets/McCloy Yard/CG-100 McCloy.dgn



PROFILE: TRACK C STA. 23+00.00 TO STA. 35+50.00



PLAN: TRACK C STA. 23+00.00 TO STA. 35+50.00

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

1. INSTALL STORM DRAIN CATCH BASIN PER DETAIL 4 ON SHEET CT-502.
2. PROVIDE UNDERDRAIN CLEANOUT PER DETAIL 1 ON SHEET CT-502.
3. PROVIDE UNDERDRAIN PER DETAIL 5 ON SHEET CT-501.
4. PROVIDE RIPRAP PER DETAIL 3 ON SHEET CT-502.
5. INSTALL 5'x7'-6" YARD INLETS WITH FRAME, GRATE AND BALLAST SCREEN DRAINING TO PROP. 18" SD AT SPECIFIED INTERVALS. SET RIM FLUSH WITH TOP OF BALLAST.
6. INSTALL METAL FLARED END SECTION TYPE 1 OR 3 OF SIZE NOTED PER CALTRANS STD DRAWING NO. D94A.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PRIME CONSULTANT:

LICENSED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA
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REVISIONS:

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

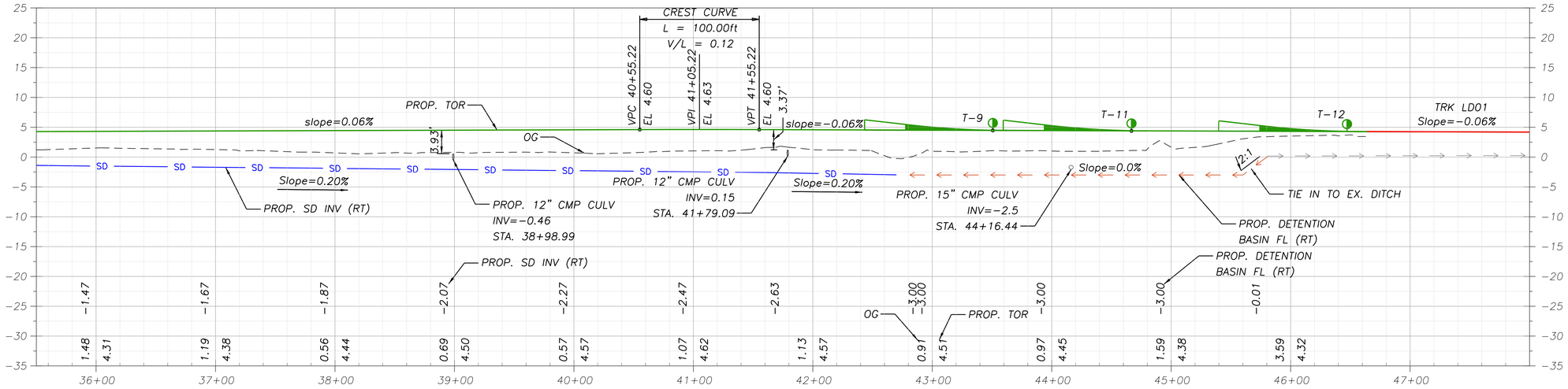
McCLOY YARD GRADING AND DRAINAGE PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

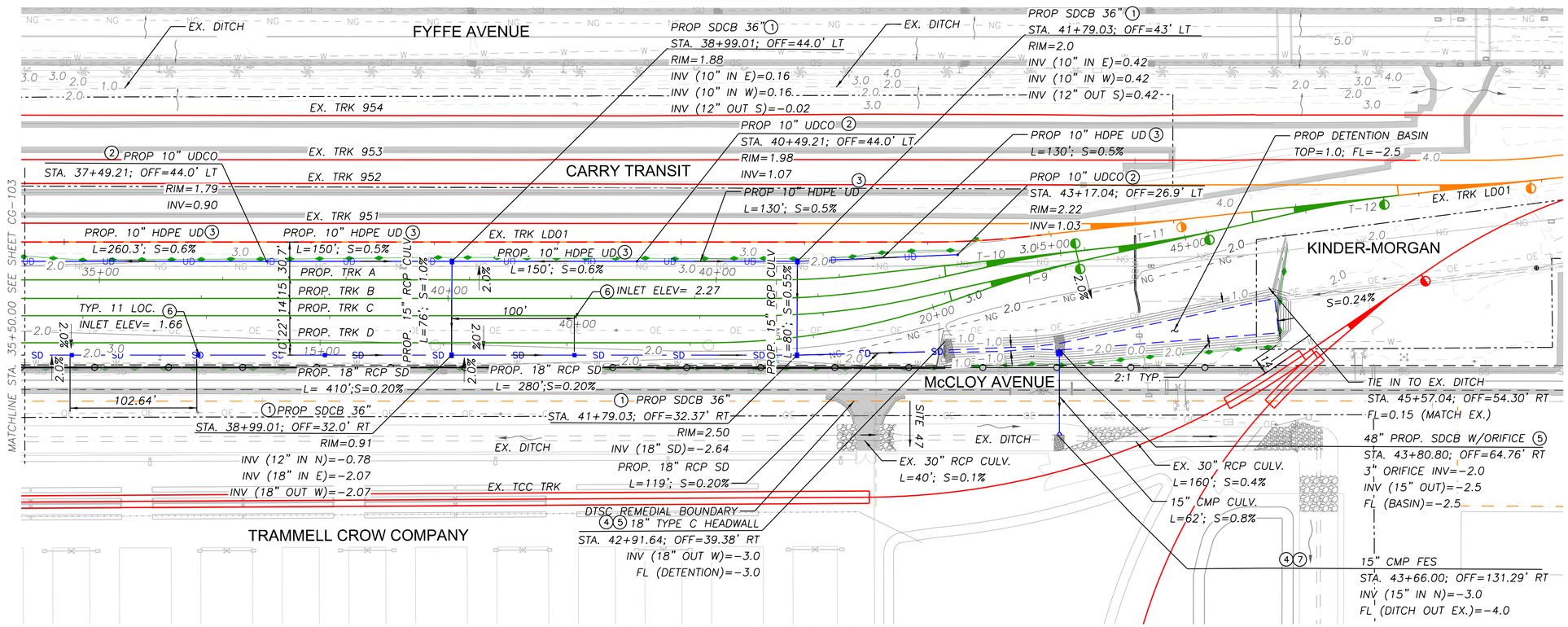
SHEET NO. CG-103
SHEET 31 OF 68

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AnkaGhosh - 7:53:01 PM - pw://JMA-PW-APP_Jmadvtl.com:JMA-PW/Documents/Projects/21273-HDR/Ops/Rail/Sheets/McCloy Yard/CG-100 McCloy.dgn
8/30/2026



PROFILE: TRACK C STA. 35+50.00 TO STA. 46+47.23



PLAN: TRACK C STA. 35+50.00 TO 46+47.23

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

(1) INSTALL STORM DRAIN CATCH BASIN PER DETAIL 4 ON SHEET CT-502.

(2) PROVIDE UNDERDRAIN CLEANOUT PER DETAIL 1 ON SHEET CT-502.

(3) PROVIDE UNDERDRAIN PER DETAIL 5 ON SHEET CT-501.

(4) PROVIDE RIPRAP PER DETAIL 3 ON SHEET CT-502.

(5) PROVIDE HEADWALL TYPE C PER UPRR STANDARD DRAWING 680140.

(6) INSTALL 5'x7'-6" YARD INLETS WITH FRAME, GRATE AND BALLAST SCREEN DRAINING TO PROP. 18" SD AT SPECIFIED INTERVALS. SET RIM FLUSH WITH TOP OF BALLAST.

(7) INSTALL METAL FLARED END SECTION TYPE 1 OR 3 OF SIZE NOTED PER CALTRANS STD DRAWING NO. D94A.

(8) INSTALL STORM DRAIN CATCH BASIN WITH ORIFICE STRUCTURE PER DETAIL 5 ON SHEET CT-502.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

N

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CIVIL ENGINEER
STATE OF CALIFORNIA

PROFESSIONAL SEAL:

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

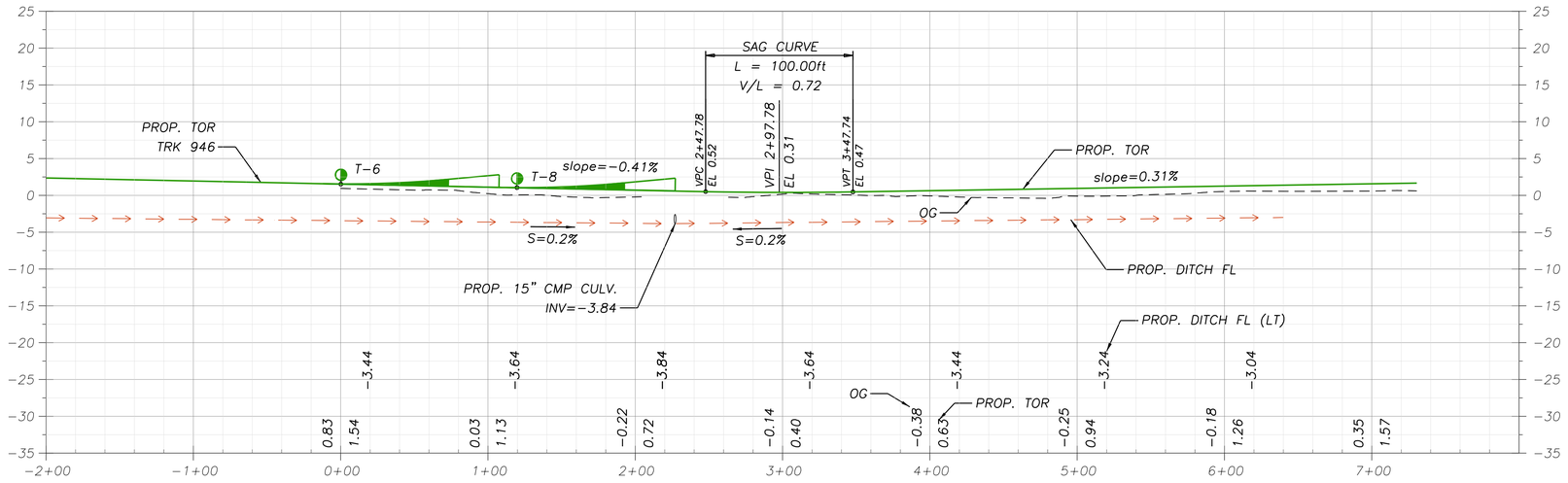
McCLOY YARD GRADING AND DRAINAGE PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

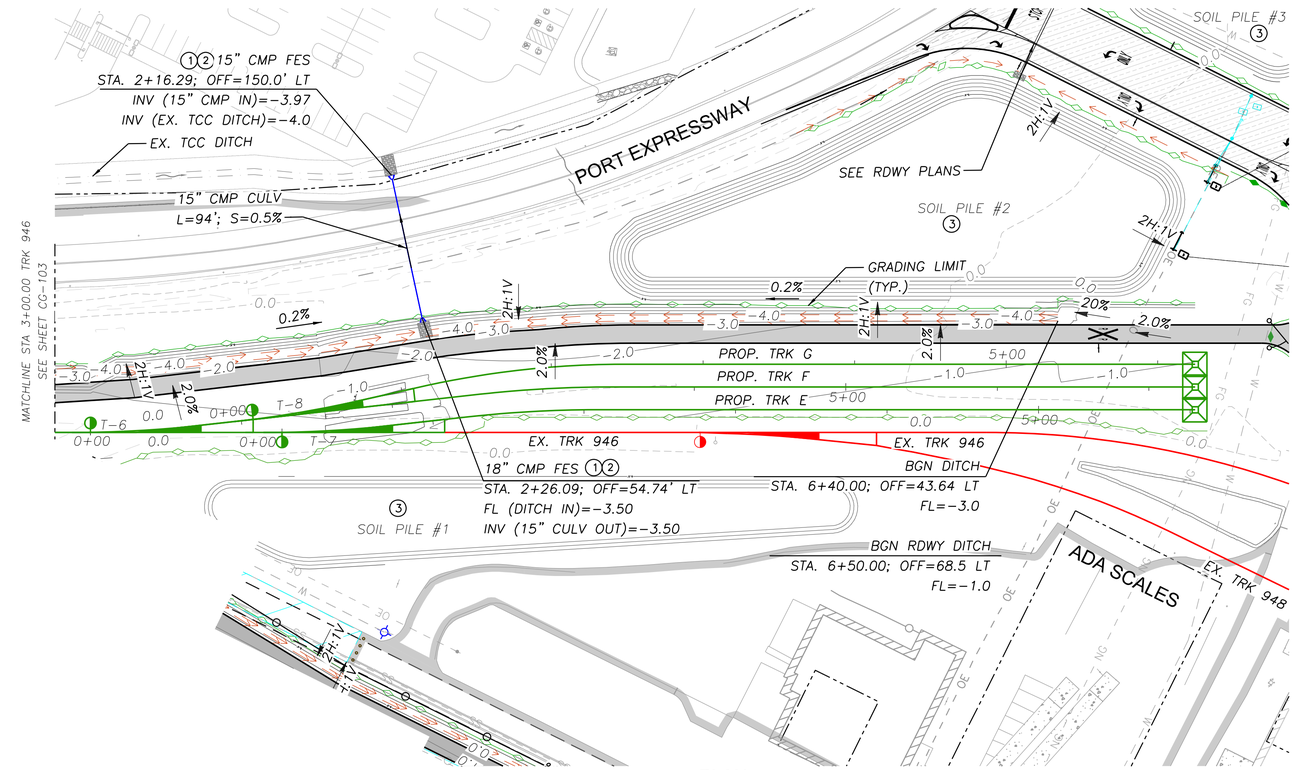
SHEET NO.
CG-104
SHEET 32 OF 68

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Arka Ghosh - 7:52:03 PM - pw://JMA-PW-APP.jmadvll.com:JMA-PW/Documents/Projects/21273-HDR/Rx3/Rail/Sheets/McCloy Yard/CG-100 McCloy.dgn
8/30/2026



PROFILE



PLAN

DESIGN NOTES:

1. REFER TO SHEETS G-004 AND G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

(1) PROVIDE RIPRAP PER DETAIL 3 ON SHEET CT-502.

(2) INSTALL METAL FLARED END SECTION TYPE 1 OR 3 OF SIZE NOTED PER CALTRANS STD DRAWING NO. D94A.

(3) SEE SITE 47 DTSC REMEDIAL WORK PACKAGE FOR FULL DETAILS ON PROPOSED SOIL PILES AND GRADING ADJACENT TO PROPOSED IMPROVEMENTS.

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

TRACKS E, F, G GRADING AND DRAINAGE PLAN

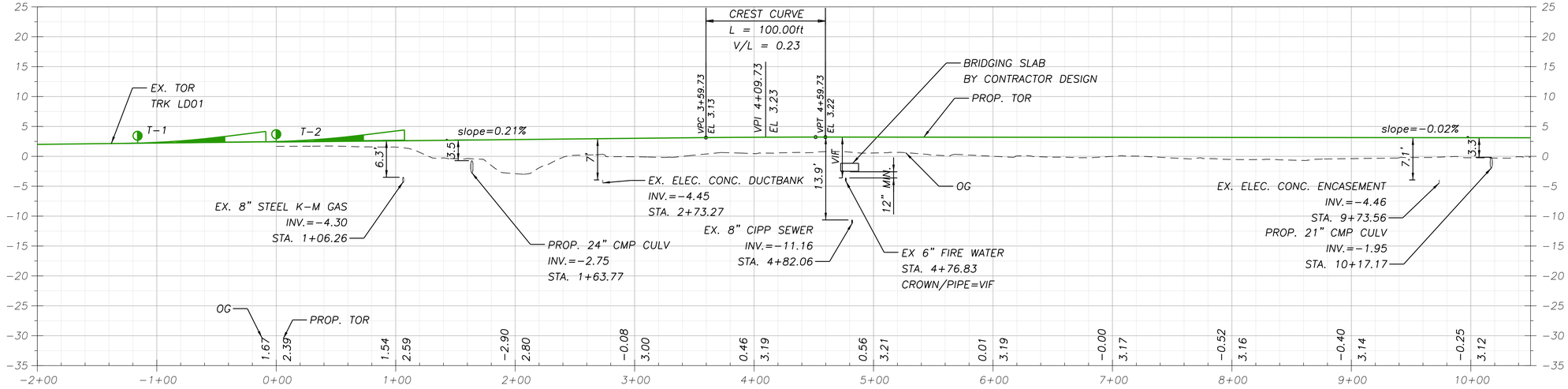
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SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO. CG-105

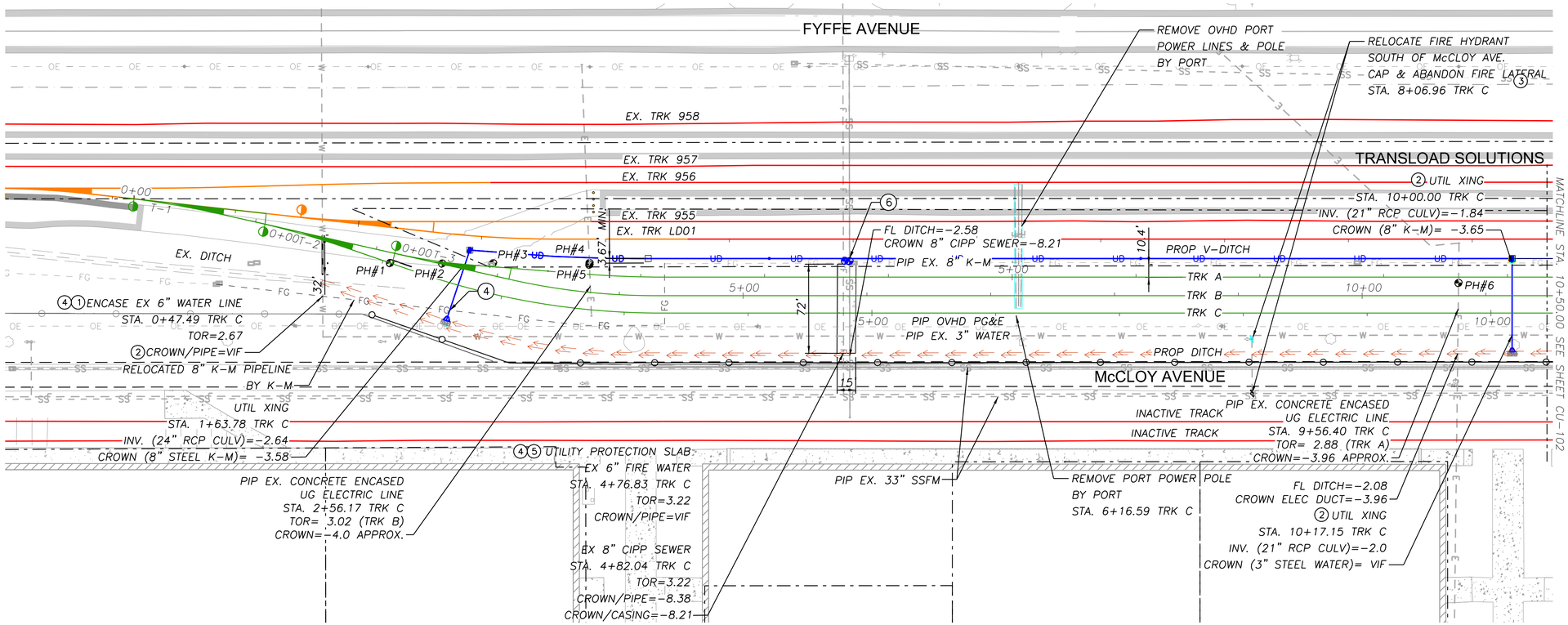
SHEET 33 OF 68

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8/30/2026 - 7:51:15 PM - pw://JMA-PW-APP.jmadidl.com/JMA-PW/Documents/Projects/21273-HDRPorS/RailSheets/McCloy Yard/CG-100 McCloy.dgn



PROFILE



PLAN

DESIGN NOTES:

1. REFER TO SHEETS G-004 & G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

1. INSTALL STEEL PIPE CASING PER DETAIL 1 ON SHEET CT-504.
2. PROVIDE UTILITY CROSSING PROTECTION PER DETAIL 5 ON SHEET CT-504.
3. CAP AND ABANDON UTILITY PER DETAIL 3 ON CT-504.
4. PROVIDE TRENCH SECTION FOR EXPOSED EXISTING OR NEW PIPE PER DETAIL 2 ON SHEET CT-504. FOR CULVERTS IN POSITIVE EMBANKMENT CONDITION, PROVIDE CULVERT BEDDING PER DETAIL 6 ON SHEET CT-502.
5. INSTALL CAST-IN-PLACE BRIDGING SLAB FOR UTILITY PROTECTION. CONTRACTOR SHALL PERFORM DETAILED STRUCTURAL DESIGN CAPABLE OF WITHSTANDING EARTH LOAD AND COOPER E80 LOADING FOR REVIEW AND APPROVAL BY THE PORT AND CITY OF STOCKTON.
6. CONTRACTOR TO POTHOLE AND ESTABLISH LIMITS OF EXISTING CASING AND EXTEND SLAB LIMITS TO PROVIDE REQUIRED PROTECTION.

UTILITY POTHOLE DATA:

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2168955.22	6312317.41	1.37	8" K-M
2	2168954.74	6312359.49	2.01	67 PH#37
3	2168954.97	6312400.65	1.61	67 PH#37
4	2168954.95	6312478.52	-0.35	8" K-M
5	2168953.50	6312478.48	-0.29	ELEC ENCASED
6	2168937.38	6313180.35	-0.73	ELEC ENCASED
7	2168939.30	6313890.15	1.72	8" WATER
8	2168957.28	6313890.34	1.67	8" WATER
9	2168956.09	6313939.30	1.62	3" GAS
10	2168937.81	6313938.91	0.48	3" GAS
11	2168937.64	6313956.18	0.15	6" GAS
12	2168950.88	6313956.54	0.06	6" GAS
13	2168951.81	6313956.67	0.10	8" K-M

VERTICAL SCALE 1" = 10' (0, 10, 20, 30 FEET)

HORIZONTAL SCALE 1" = 50' (0, 50, 100, 150 FEET)

N

SUBCONSULTANT:

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

McCLOY YARD
UTILITY PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

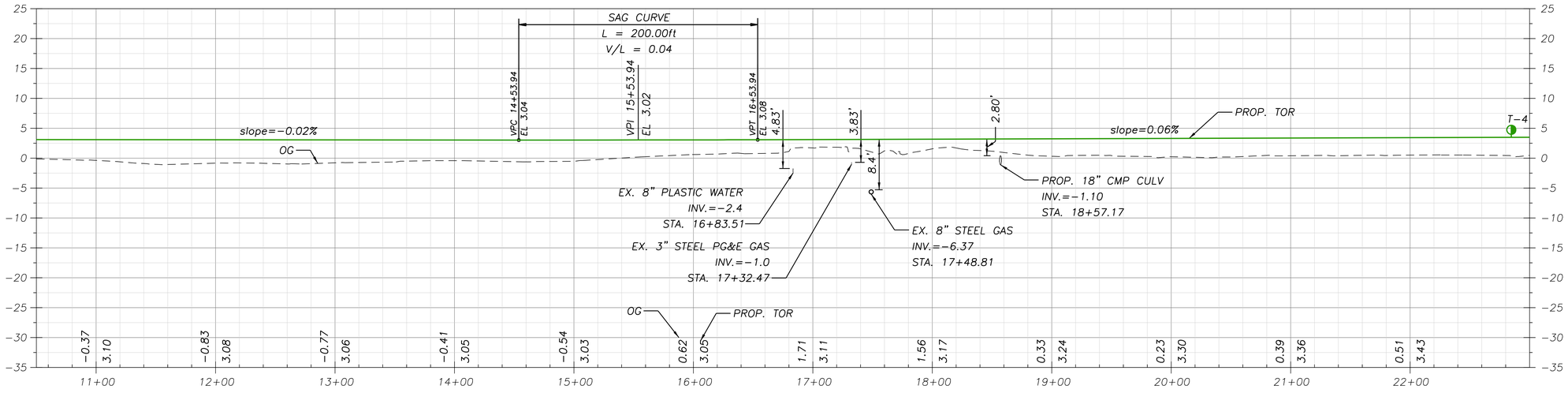
SHEET NO. CU-101

SHEET 34 OF 68

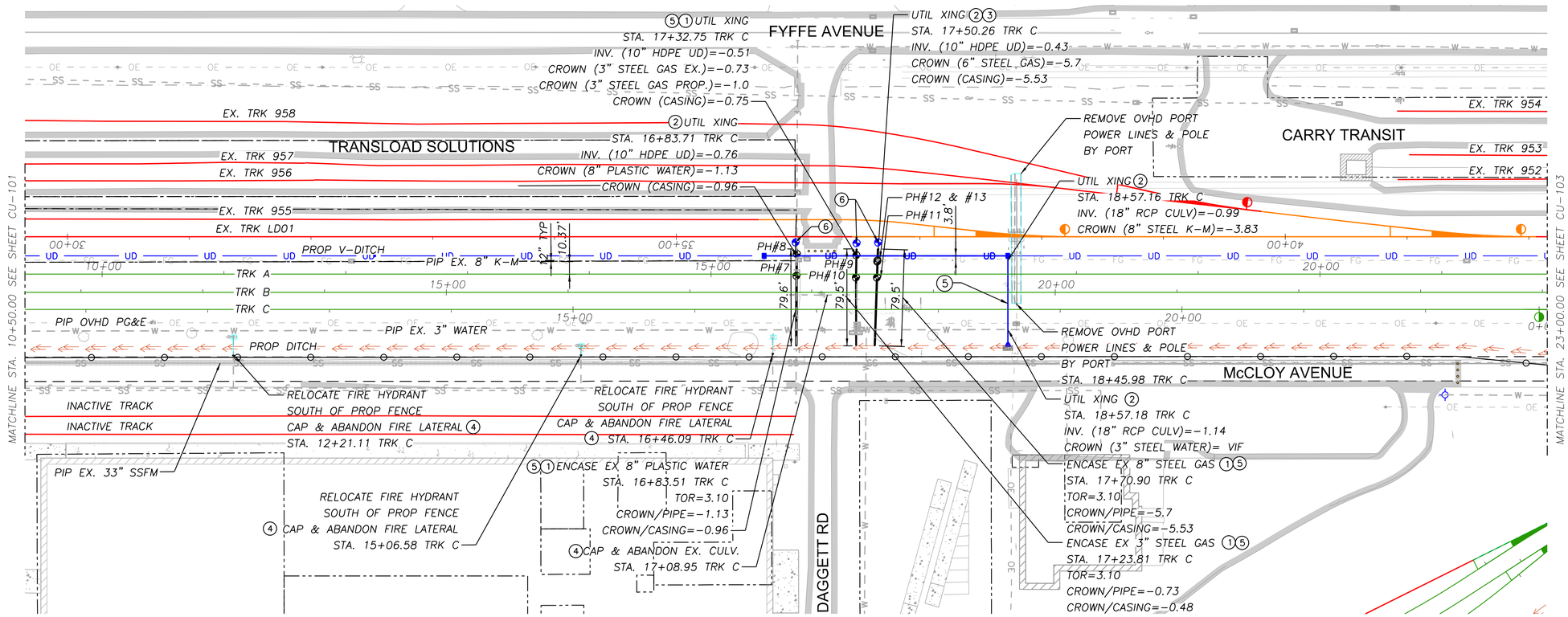
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PROFILE



PLAN



DESIGN NOTES:

1. REFER TO SHEETS G-004 & G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

1. INSTALL STEEL PIPE CASING PER DETAIL 1 ON SHEET CT-504.
2. PROVIDE UTILITY CROSSING PROTECTION PER DETAIL 5 ON SHEET CT-504.
3. LOWER 3" STEEL GAS UNDERNEATH PROP UNDERDRAIN PER DETAIL 4 ON SHEET CT-504.
4. CAP AND ABANDON UTILITY PER DETAIL 3 ON CT-504.
5. PROVIDE TRENCH SECTION FOR EXPOSED EXISTING OR NEW PIPE PER DETAIL 2 ON SHEET CT-504. FOR CULVERTS IN POSITIVE EMBANKMENT CONDITION, PROVIDE CULVERT BEDDING PER DETAIL 6 ON SHEET CT-502.
6. CONTRACTOR TO POTHOLE AND ESTABLISH LIMITS OF EXISTING CASING AND EXTEND PROPOSED CASING AS NEEDED TO CONNECT TO EXISTING CASING.

UTILITY POTHOLE DATA:

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2168955.22	6312317.41	1.37	8" K-M
2	2168954.74	6312359.49	2.01	67 PH#37
3	2168954.97	6312400.65	1.61	67 PH#37
4	2168954.95	6312478.52	−0.35	8" K-M
5	2168953.50	6312478.48	−0.29	ELEC ENCASED
6	2168937.38	6313180.35	−0.73	ELEC ENCASED
7	2168939.30	6313890.15	1.72	8" WATER
8	2168957.28	6313890.34	1.67	8" WATER
9	2168956.09	6313939.30	1.62	3" GAS
10	2168937.81	6313938.91	0.48	3" GAS
11	2168937.64	6313956.18	0.15	6" GAS
12	2168950.88	6313956.54	0.06	6" GAS
13	2168951.81	6313956.67	0.10	8" K-M

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

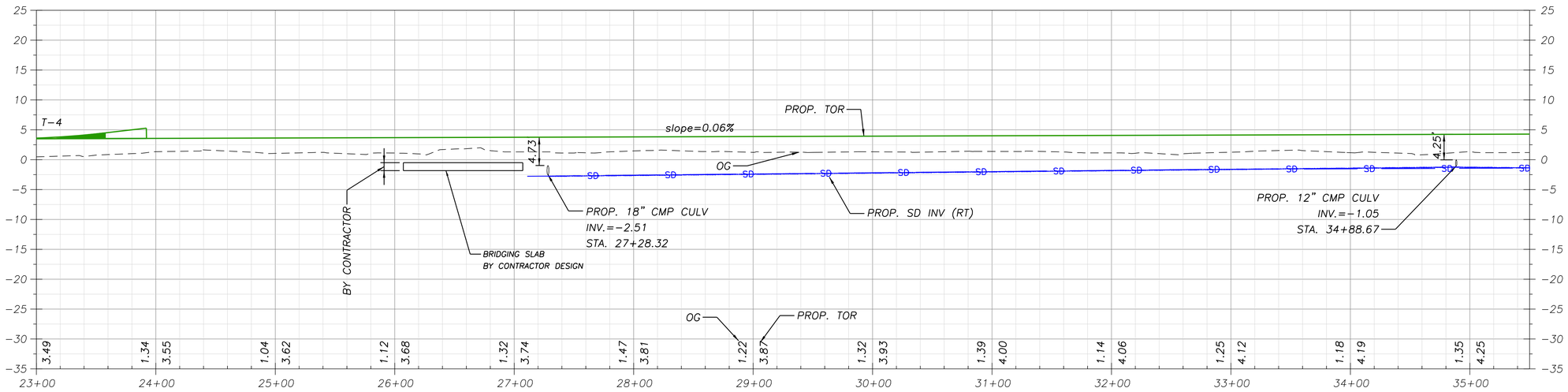
McCLOY YARD
UTILITY PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

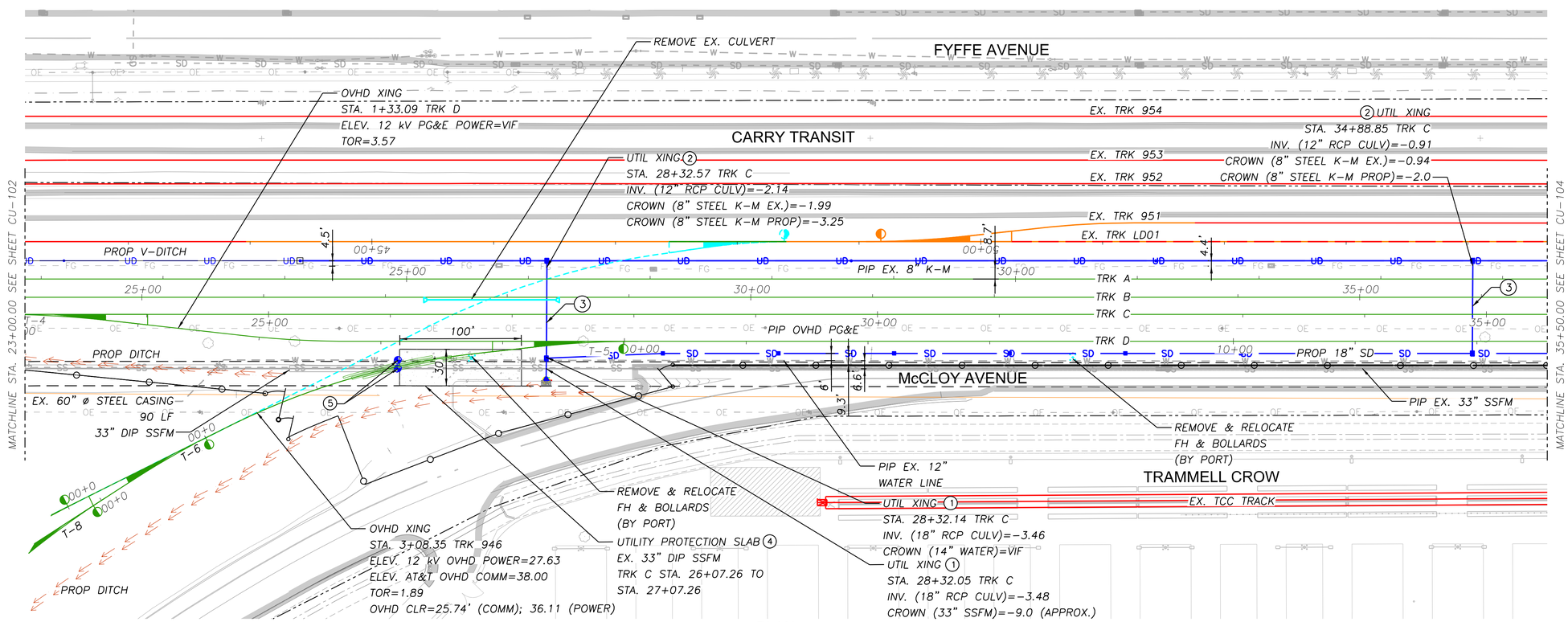
SHEET NO.
CU-102
SHEET 35 OF 68

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PROFILE



PLAN

DESIGN NOTES:

1. REFER TO SHEETS G-004 & G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

(1) PROVIDE UTILITY CROSSING PROTECTION PER DETAIL 5 ON SHEET CT-504.

(2) COORDINATE WITH KINDER-MORGAN TO LOWER 8" STEEL LINE UNDERNEATH PROP UNDERDRAIN PER DETAIL 4 ON SHEET CT-504.

(3) PROVIDE TRENCH SECTION FOR EXPOSED EXISTING OR NEW PIPE PER DETAIL 2 ON SHEET CT-504. FOR CULVERTS IN POSITIVE EMBANKMENT CONDITION, PROVIDE CULVERT BEDDING PER DETAIL 6 ON SHEET CT-502.

(4) INSTALL CAST-IN-PLACE BRIDGING SLAB FOR UTILITY PROTECTION. CONTRACTOR SHALL PERFORM DETAILED STRUCTURAL DESIGN CAPABLE OF WITHSTANDING EARTH LOAD AND COOPER E80 LOADING FOR REVIEW AND APPROVAL BY THE PORT AND CITY OF STOCKTON.

(5) CONTRACTOR TO POTHOLE AND ESTABLISH LIMITS OF EXISTING CASING AND EXTEND SLAB LIMITS TO PROVIDE REQUIRED PROTECTION.

VERTICAL SCALE 1" = 10' (0, 10, 20, 30 FEET)

HORIZONTAL SCALE 1" = 50' (0, 50, 100, 150 FEET)

N

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PRIME CONSULTANT:

LICENSED PROFESSIONAL ENGINEER ARAPRABHA GHOSH C91571 Exp. 09/30/28 CIVIL ENGINEER STATE OF CALIFORNIA

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:

McCLOY YARD
UTILITY PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO. CU-103

SHEET 36 OF 68

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DESIGN NOTES:

1. REFER TO SHEETS G-004 & G-005 FOR PROJECT DESIGN NOTES.

SHEET NOTES:

(1) INSTALL STEEL PIPE CASING PER DETAIL 1 ON SHEET CT-504.

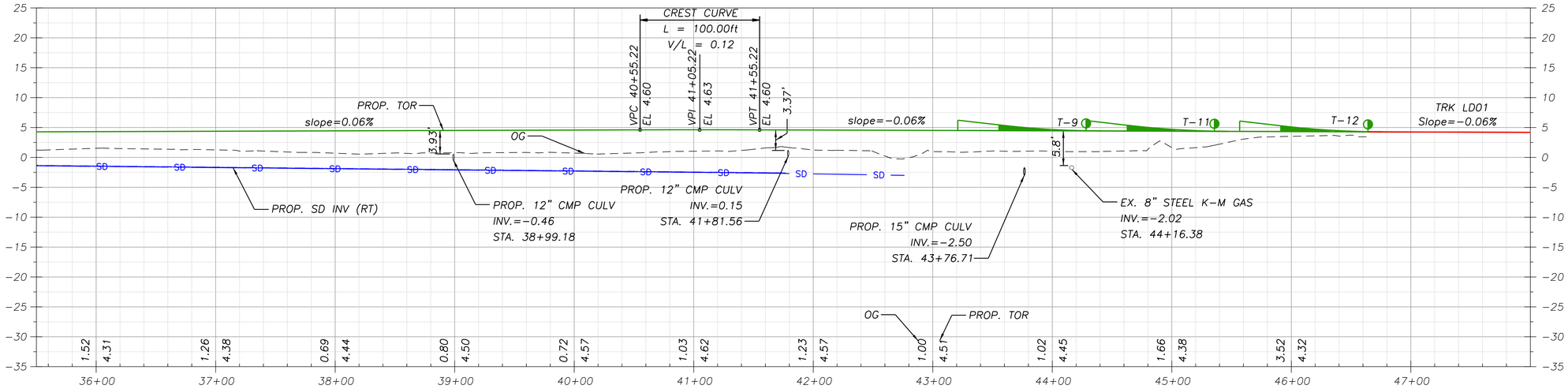
(2) PROVIDE UTILITY CROSSING PROTECTION PER DETAIL 5 ON SHEET CT-504.

(3) COORDINATE WITH KINDER-MORGAN TO LOWER 8" STEEL LINE UNDERNEATH PROP UNDERDRAIN PER DETAIL 4 ON SHEET CT-504.

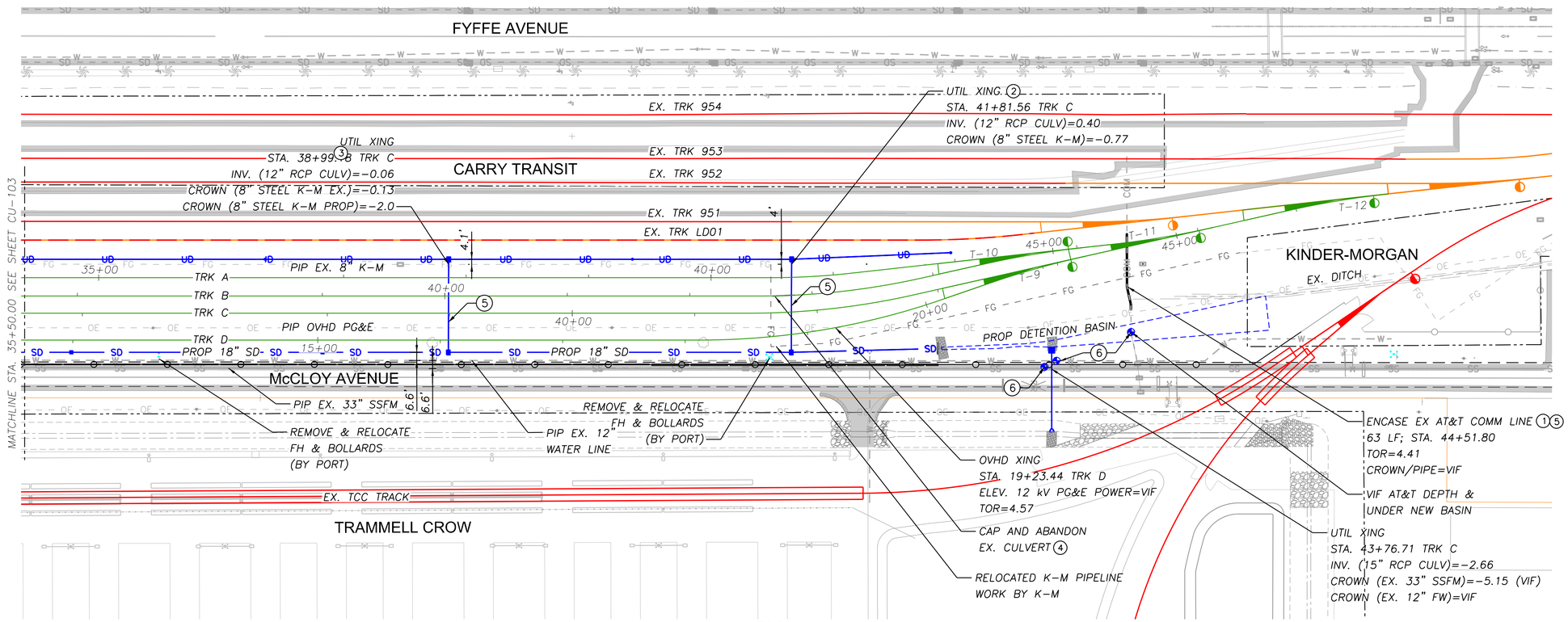
(4) CAP AND ABANDON EX. CULVERT PER DETAIL 3 ON SHEET CT-504.

(5) PROVIDE TRENCH SECTION FOR EXPOSED EXISTING OR NEW PIPE PER DETAIL 2 ON SHEET CT-504. FOR CULVERTS IN POSITIVE EMBANKMENT CONDITION, PROVIDE CULVERT BEDDING PER DETAIL 6 ON SHEET CT-502.

(6) CONTRACTOR TO POTHOLE AND DETERMINE ACTUAL DEPTH OF UTILITIES AND INFORM OF POTENTIAL CONFLICT WITH PROPOSED DESIGN.



PROFILE



PLAN

0 10 20 30
VERTICAL SCALE FEET
1" = 10'

0 50 100 150
HORIZONTAL SCALE FEET
1" = 50'

N

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:	ISSUE:	REVISIONS:		
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com	LICENSED PROFESSIONAL ENGINEER ARAPRABHA GHOSH C91571 Exp. 09/30/28 CIVIL ENGINEER STATE OF CALIFORNIA	ISSUED FOR BID NOT FOR CONSTRUCTION 08/31/2026			
					0	08/31/26	ISSUED FOR BID
					MARK	DATE	DESCRIPTION

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

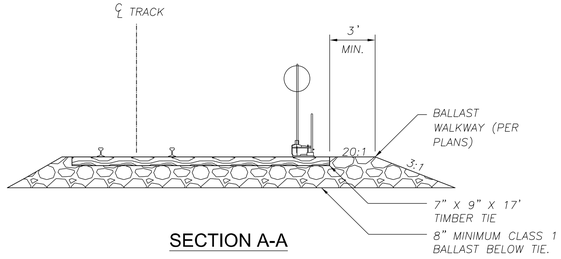
SHEET TITLE:

McCLOY YARD
UTILITY PLAN

PROJ NO: 21273	SHEET NO. CU-104
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 3 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

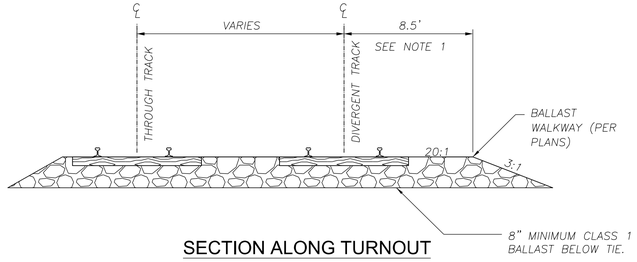
ArkaGhosh - 3:53:20 PM - pw://JMA-PW-APP.jmacivil.com:JMA-PW/Documents/Projects/21273-HDR/Civil/Rail/Sheets/McCloy Yard/CU-100 McCloy.dgn
8/31/2026



SECTION A-A

NOTE:

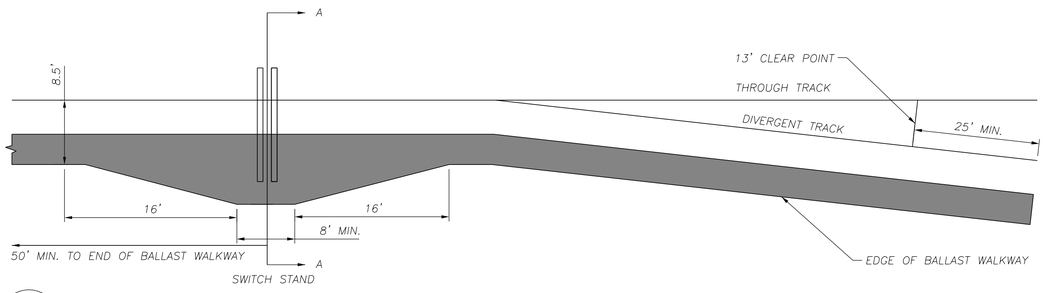
1. INSIDE EDGE OF WALKWAY MUST BE BETWEEN THE OUTSIDE EDGE OF THE RAIL AND A POINT THREE FEET FROM CENTERLINE OF THE TRACK.



SECTION ALONG TURNOUT

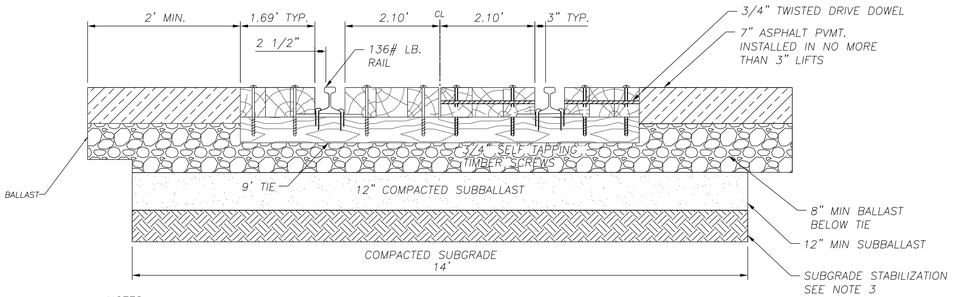
NOTE:

1. WALKWAY LIMIT SHALL EXTEND MINIMUM 50' BEFORE SWITCH STAND TO THE CLEAR POINT BETWEEN THE THROUGH AND DIVERGENT TRACKS PER CPUC GO-118-A STD. NO. 5.



1 CT-501 RAILROAD/CPUC STANDARD WALKWAY

SCALE: 1" = 2'

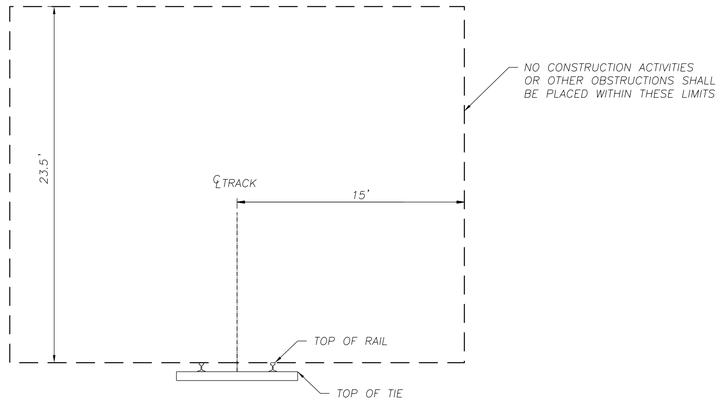


NOTES:

1. INSTALL 10' TIES TO FIVE TIES BEYOND END OF CROSSING, BOTH SIDES.
2. RAIL JOINTS TO BE LOCATED TO FALL OUTSIDE THE CROSSING AREA A MINIMUM OF 15 FEET FROM END OF CROSSING TIMBER.
3. PROVIDE ANGULAR ROCK, GEOGRID AND FILTER FABRIC SUBGRADE STABILIZATION.
4. REFER TO BNSF STANDARD DRAWING NO. 225302 FOR TIMBER CROSSING PANELS DETAIL.

2 CT-501 ACCESS ROAD PRIVATE AT-GRADE CROSSING

SCALE: 1" = 6'

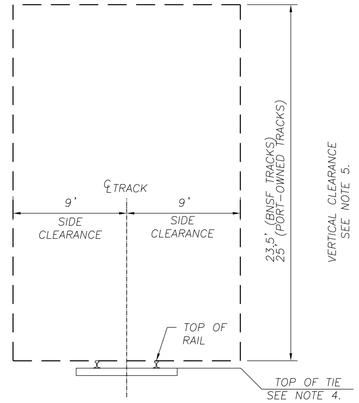


NOTES:

1. ANY SHORING SYSTEM THAT IMPACTS THE RAILROAD'S OPERATION AND/OR SUPPORTS THE RAILROAD EMBANKMENT SHALL BE DESIGNED AND CONSTRUCTED PER RAILROAD GUIDELINES FOR TEMPORARY SHORING.
2. THE ELEVATION OF THE EXISTING TOP-OF-RAIL PROFILE SHALL BE VERIFIED BEFORE BEGINNING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RAILROAD PRIOR TO CONSTRUCTION.

3 CT-501 RAILROAD TEMPORARY CLEARANCE

SCALE: 1" = 2'

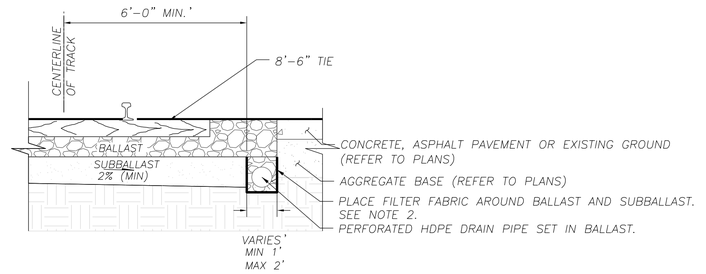


NOTES:

1. ANY FACILITIES FALLING WITHIN THESE DIMENSIONS AND LOCATED ON TANGENT TRACK WILL BE CONSIDERED IMPAIRED CLEARANCE, SUBJECT TO AGREEMENT, AND MUST BE APPROVED PRIOR TO CONSTRUCTION BY THE SERVING RAILROAD.
2. HORIZONTAL CLEARANCES ARE TO BE INCREASED 1 1/2" PER DEGREE OF CURVE WHERE THE FACILITY IS LOCATED ADJACENT TO OR WITHIN 80' OF TURNOUT OR CURVE LIMITS.
3. WHERE PRACTICAL, ALL POSTS, SIGNS, AND OTHER SMALL OBSTRUCTIONS SHALL BE GIVEN A SIDE CLEARANCE OF 10'.
4. NO OBSTRUCTIONS SHALL EXTEND ABOVE THE TOP OF TIE WITHIN 9' FROM THE CENTER LINE OF RAIL.
5. THE PERMANENT VERTICAL CLEARANCE MUST NOT BE VIOLATED DUE TO DEFLECTION OF THE SUPER STRUCTURE.
6. ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSEOUT.

4 CT-501 RAILROAD PERMANENT CLEARANCE

SCALE: 1" = 2'



NOTES:

1. REFER TO TRACK DRAWINGS FOR RAIL PLAN AND PROFILE.
2. DRAIN PIPES SHALL BE INSTALLED WITH PERFORATIONS.
FILTER FABRIC AROUND DRAINS SHALL BE MIRAFI 140N, OR APPROVED EQUIVALENT.
3. REFER TO GRADING AND DRAINAGE PLANS FOR UNDERDRAIN SIZE.

5 CT-501 TRACK UNDERDRAIN

SCALE: 1"=4'

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STATE OF CALIFORNIA

PROFESSIONAL SEAL:

ISSUED FOR BID

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08/31/2026

ISSUE:

REVISIONS:

MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

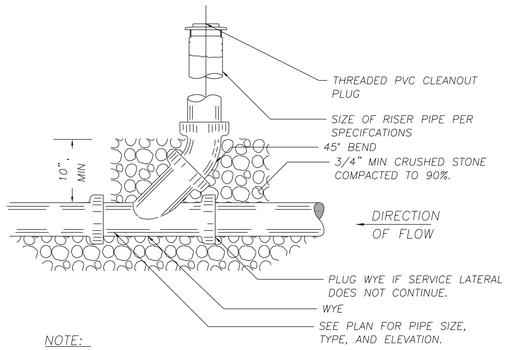
SHEET TITLE:

TRACK DETAILS

PROJ NO: 21273	SHEET NO. CT-501
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 34 OF 68

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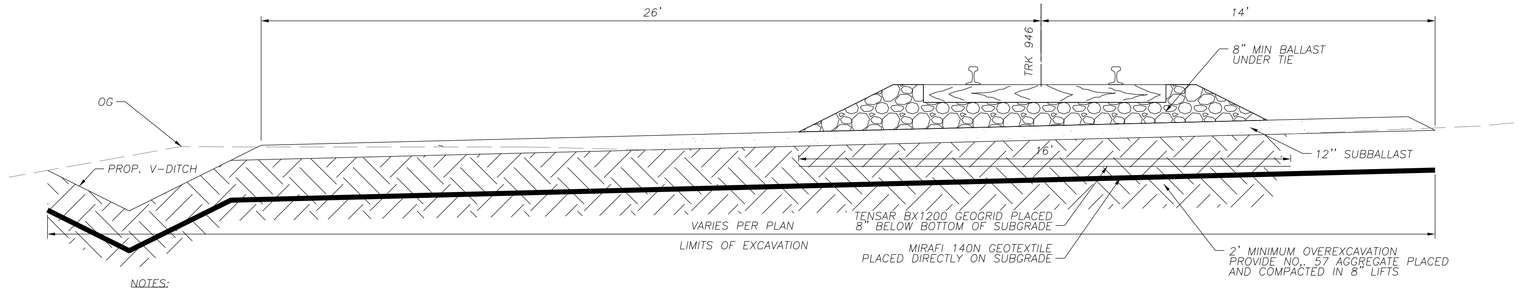
NOTE:

1. FOR CLEANOUTS IN BALLAST, RIM SHALL BE WITHIN 1' OF TOP OF TIE.

1 UNDERDRAIN CLEANOUT

CT-502

SCALE: 1"=2'



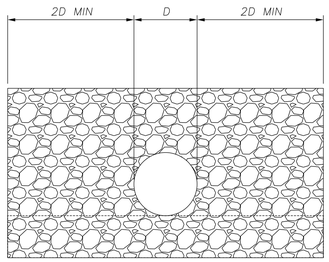
NOTES:

1. SUBGRADE MAY BE STABILIZED WITH LIME OR NON EXPANSIVE FILL.
2. TAMPING OF BALLAST MUST NOT DISTURB COMPACTED SUB-BALLAST.
3. OVEREXCAVATION MAY BE REQUIRED IN FILL SECTIONS IF SUBSURFACE SOIL CONDITIONS ARE POOR, SEE PLANS FOR MORE INFORMATION.
4. OVEREXCAVATION IS NEEDED IN AREAS WITH HIGH LEVELS OF CONTAMINANTS. CONTRACTOR SHALL OVEREXCAVATE AND OFF-HAUL CONTAMINATED SOIL AS OUTLINED PER PROCEDURES IN THE TECHNICAL SPECIFICATIONS DOCUMENT.

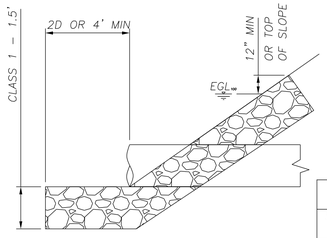
2 TRACK ROADBED OVEREXCAVATION

CT-502

SCALE: 1"=4'



ELEVATION VIEW



SECTION VIEW

NOTES:

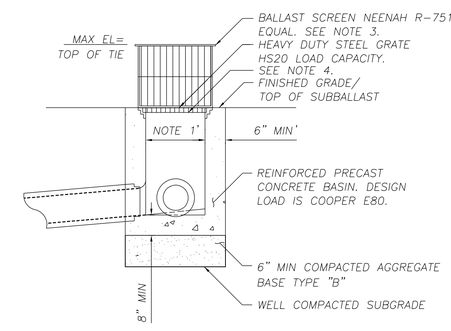
1. ENSURE THAT RIPRAP GRADING AND PLACEMENT COMPLIES WITH UPRR SPECIFICATIONS.

CROSSING STATION	PIPE SIZE (IN)	SHEET NO.
STA. 1+62.41 TRACK C	24" CMP	CG-101
STA. 10+17.15 TRACK C	21" CMP	CG-101
STA. 18+57.15 TRACK C	18" CMP	CG-102
STA. 27+27.97 TRACK C	18" CMP	CG-103
STA. 43+66.00 TRACK C	15" CMP	CG-104

3 CULVERT RIPRAP PROTECTION

CT-502

SCALE: 1"=3'



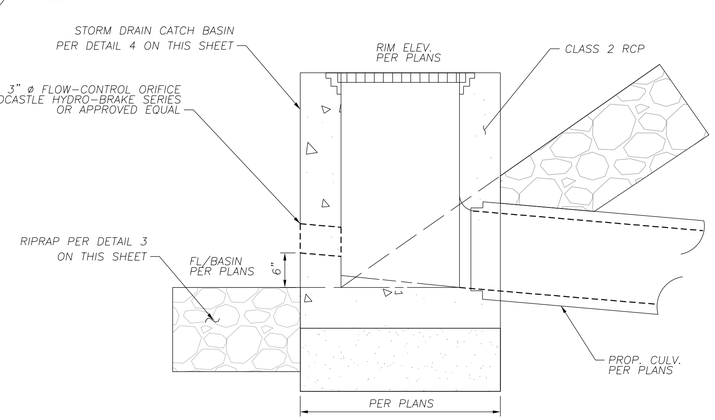
NOTES:

1. INSIDE DIMENSIONS SHALL CONFORM TO PRECAST MANUFACTURER'S RECOMMENDATIONS FOR SIZE, NUMBER AND ANGLE OF CONNECTING PIPES.
2. SEE PLANS FOR INLET SIZE AND PIPE, STRUCTURE INVERT ELEVATIONS.
3. INCLUDE BALLAST SCREEN AND SET BASIN RIM ELEVATION AT TOP OF SUBBALLAST.
4. TOP OF BALLAST SCREEN SHALL BE SET FLUSH WITH TOP OF UPRR CLASS 3 BALLAST WALKWAY.
5. PROVIDE A DROP-IN STYLE SEDIMENT CAPTURE DEVICE WITH OVERFLOW IN ALL INLETS NOT EQUIPPED WITH BALLAST SCREEN. DEVICE SHALL INCLUDE A LIFTING MECHANISM TO FACILITATE MAINTENANCE.
6. REFER TO SECTION 1 ON G-303 FOR OVERALL TRACK ROADBED SECTION.

4 STORM DRAIN CATCH BASIN WITH BALLAST SCREEN

CT-502

SCALE: 1"=10'



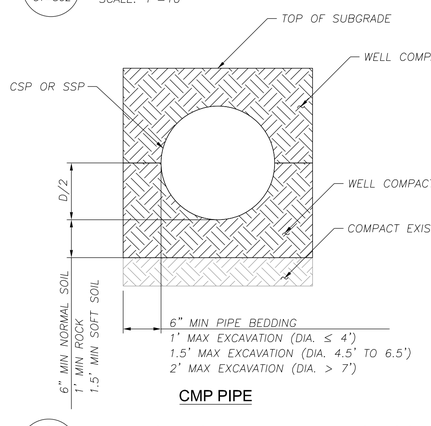
NOTES:

1. INSIDE DIMENSIONS SHALL CONFORM TO PRECAST MANUFACTURER'S RECOMMENDATIONS FOR SIZE, NUMBER AND ANGLE OF CONNECTING PIPES.
2. SEE PLANS FOR INLET SIZE AND PIPE, STRUCTURE INVERT ELEVATIONS.
3. SET RIM ELEVATION 1 FOOT BELOW TOP OF TRACK ROADBED SUBGRADE..
4. PROVIDE A DROP-IN STYLE SEDIMENT CAPTURE DEVICE WITH OVERFLOW IN ALL INLETS NOT EQUIPPED WITH BALLAST SCREEN. DEVICE SHALL INCLUDE A LIFTING MECHANISM TO FACILITATE MAINTENANCE.
6. REFER TO SHEET CT-81G STA. 43+95.54 FOR OVERALL SECTION VIEW..

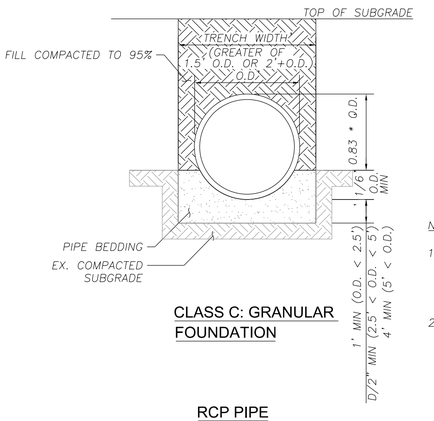
5 STORM DRAIN DETENTION OUTLET WITH ORIFICE

CT-502

SCALE: 1" =5'



CMP PIPE



CLASS C: GRANULAR FOUNDATION

RCP PIPE

NOTES:

1. FOR ROCK OR OTHER INCOMPRESSIBLE FOUNDATION MATERIAL, SEE AREMA SPECIFICATIONS.
2. THE ABOVE DETAILS APPLY FOR POSITIVE EMBANKMENT BEDDING INSTALLATIONS ONLY.

6 RAILROAD CULVERT BEDDING POSITIVE EMBANKMENT

CT-502

SCALE: 1"=5'

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LICENSED PROFESSIONAL ENGINEER
ARAPRABHA GHOSH
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0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

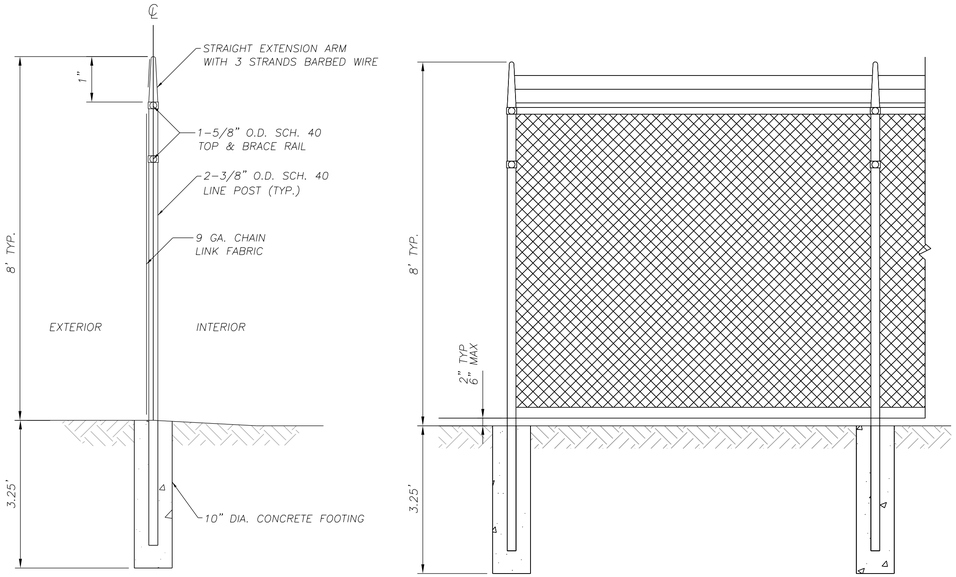
SHEET TITLE:

GRADING AND DRAINAGE DETAILS

PROJ NO: 21273	SHEET NO. CT-502
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 39 OF 68

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NEW FENCING				
ITEM	DESCRIPTION	SIZE	CONCRETE FOOTING SIZE	
			DIAMETER	MIN. DEPTH
1.	LINE POST	2-3/8" O.D. SCH 40	10" DIA.	3.25'
2.	CORNER POST	2-7/8" O.D. SCH 40	12" DIA.	3.5'
3.	TERMINAL POST	2-7/8" O.D. SCH 40	12" DIA.	3.5'
4.	GATE POST	4" O.D. SCH 40	24" DIA.	4'
5.	TOP & BRACE RAIL	1-5/8" O.D. SCH 40	REMARKS	
6.	TRUSS ROD	3/8" DIA. ROD	BRACKETS AT POSTS	
7.	FENCE	9 GA. 2" X 2"	BRACKETS AT POSTS	
8.	TENSION WIRE	7 GA.	CHAIN LINK FABRIC	
9.	BARBED WIRE	(3) 12-1/2" GA.	4 PTS. BARBS @ 5" 3 STRANDS	
10.	GATE FRAME	ALUMINUM (SEE NOTE)	OPENING DIM. AS PER DETAIL	
11.	ROLLERS	TRUCK ASSEMBLY	PER MFG. REQUIREMENTS	
11a.	ROLLER	BOTTOM GUIDE ASSEMBLY	PER MFG. REQUIREMENTS	
12.	GATE LOCK		CATCH ASSEMBLY	

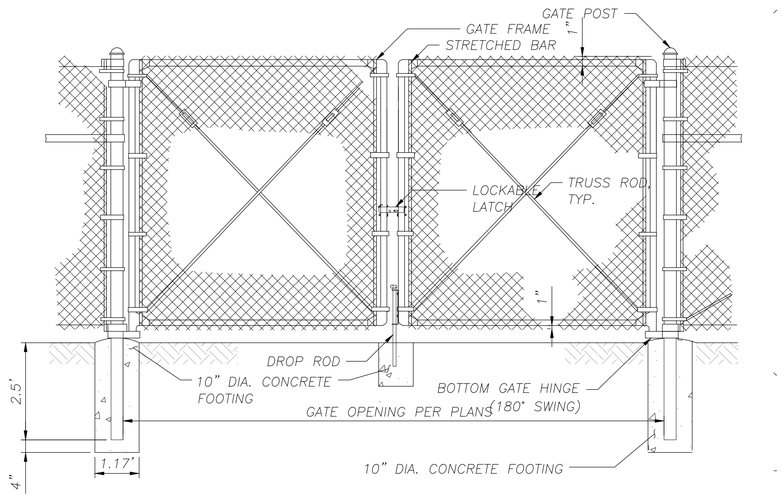
NOTES : ALL MATERIALS SHALL BE GALVANIZED. SUBMIT SHOP DRAWINGS FOR APPROVAL.

NOTES:

1. ALL FENCES MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRIC SAFTEY CODE REQUIREMENTS.

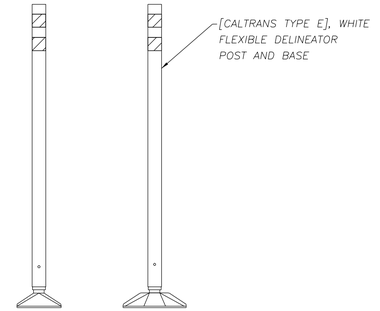
1 CT-503 FENCE WITH CONCRETE POSTS

SCALE: 1"=6'



3 CT-503 CHAINLINK SWING GATE

SCALE: 1"=1'

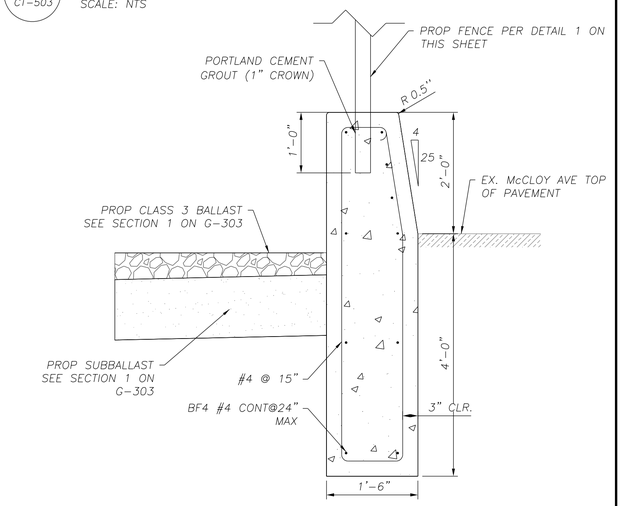


NOTES:

1. DELINEATORS TO BE PLACED AT MAXIMUM 5 FOOT SPACING.
2. EPOXY MOUNT DELINEATORS TO PAVEMENT BASED ON MANUFACTURER INSTRUCTIONS.
3. USE SHUR-FLEX OR SIMILAR SURFACE MOUNT DELINEATOR WITH 'FLEXIBLE JOINT TO ENSURE VERTICAL ALIGNMENT.

2 CT-503 SURFACE MOUNTED DELINEATOR

SCALE: NTS



NOTES:

1. PROVIDE CURB CUTS 2' MIN WIDE AFTER EVERY 100' OF CURB.
2. PROVIDE LATERAL CONTRACTION JOINTS IN CURB AT 10 FEET O.C. MAXIMUM.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
4. REBAR USED SHALL BE MINIMUM GRADE 60.

4 CT-503 CONCRETE CURB SUPPORTING FENCE

SCALE: 1"=8'

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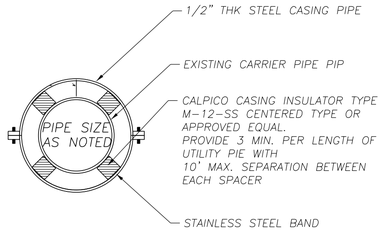
SHEET TITLE:

CIVIL SITE DETAILS

PROJ NO: 21273	SHEET NO. CT-503
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 40 OF 68
DESIGNED BY: AG	

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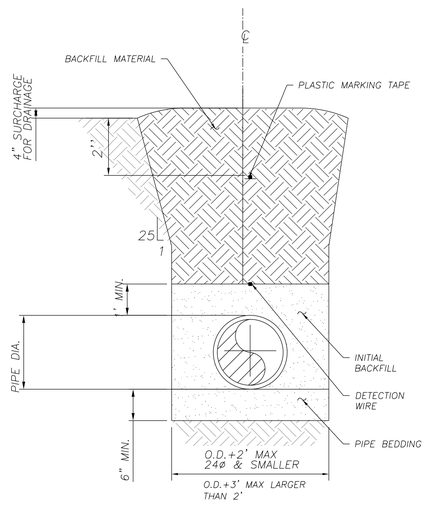
ArkaGhosh
8/31/2026 - 3:39:28 PM - pw://JMA-PW-APP.jmacivil.com:JMA-PW/Documents/Projects/21273-HDRPubS/Rail/Sheets/McCloy Yard/CT-503 Site Details



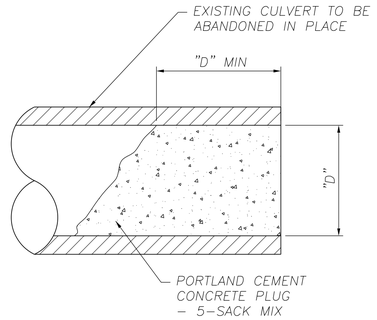
NOTES:

1. REFER TO SHEETS CU-101 TO CU-104 FOR LOCATION AND LENGTH OF CASINGS
2. MINIMUM YIELD STRENGTH OF CASING PIPE SHALL BE 35,000 PSI.
3. REFER TO AREMA VOLUME 1 PART 5 FOR REQUIREMENTS RELATING TO PIPELINE CROSSINGS.
4. REFER TO DETAIL 6 ON THIS SHEET FOR PIPE TRENCH SECTION DETAIL.

1 SPLIT PIPE CASING
CT-504 — SCALE: 1"=4'



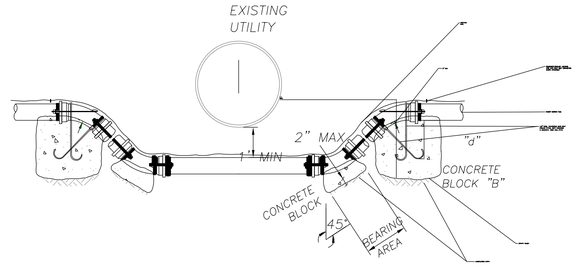
2 PIPE TRENCH
CT-504 — SCALE: NTS



NOTES:

1. ABANDONED CULVERT SHALL BE PLUGGED AT BOTH ENDS

3 EXISTING CULVERT ABANDONMENT
CT-504 — SCALE: NTS



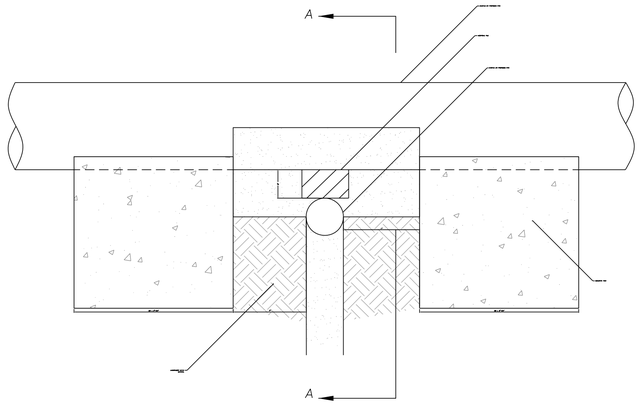
MAIN MAY GO OVER IF A MIN OF 3' OF COVER IS MAINTAINED. IF COVER IS LESS THAN 3', THEN MAIN MATERIAL MUST BE DUCTILE IRON AND APPROVED BY ENGINEER.

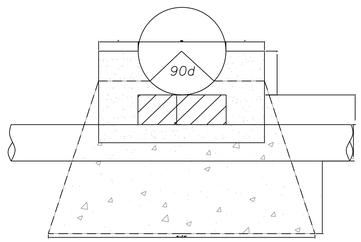
SIZE IN PIPE	6"	8"
MINIMUM DEPTH "d"	6"	8"

NOTES:

1. USE CLASS "D" CONCRETE FOR BLOCKING. SEE STANDARD SPECS.
2. VERTICAL CHANGES IN DIRECTION REQUIRE BLOCKING AS SHOWN ABOVE.
3. CONCRETE THRUST BLOCKING SHALL NOT COMPLETELY INUNDATE FITTING.
4. RESTRAINED JOINTS MAY BE USED IN LIEU OF CONCRETE BLOCKING WITH THE APPROVAL OF THE ENGINEER.
5. MAINTAIN 1 FOOT CLEARANCE BETWEEN NEW AND EXISTING UTILITY.
6. RESTRAINED JOINTS MAY BE USED IN LIEU OF CONCRETE BLOCKING WITH THE APPROVAL OF THE ENGINEER.

4 UTILITY LOWERING DETAIL
CT-504 — SCALE: 1"=4'





OD/2

D=PIPE CLEARANCE

OD/2

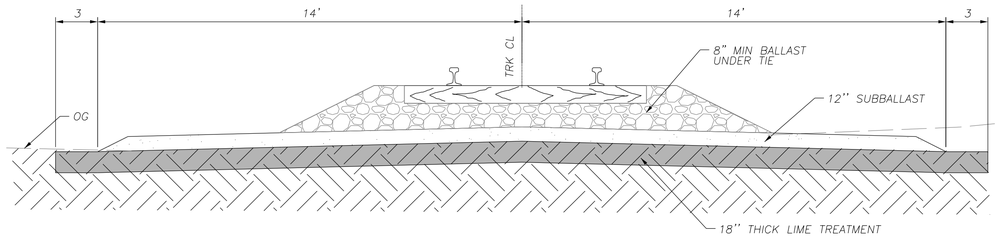
1' MIN

SECTION A-A
(NOT TO SCALE)

NOTES:

1. CONSTRUCT CROSSING SUCH THAT NO JOINT IS LOCATED WITHIN THE CROSSING.
2. FOR A CLEARANCE D OF 4 INCH OR GREATER BUT LESS THAN 1 FOOT PROVIDE NEOPRENE PAD.
3. FOR A CLEARANCE D OF 4 INCH OR LESS, PROVIDE BOTH CONCRETE PIERS AND NEOPRENE PAD.

5 UTILITY CROSSING DETAIL
CT-504 — SCALE: 1"=1'



NOTES:

1. MIX 18" OF UPPER SUBGRADE SOIL WITH HIGH CALCIUM QUICK LIME AND COMPACT SOIL AS ENGINEERED FILL TO 95% COMPACTION.

6 BID ALTERNATE: LIME TREATMENT DETAIL
CT-504 — SCALE: 1"=4'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

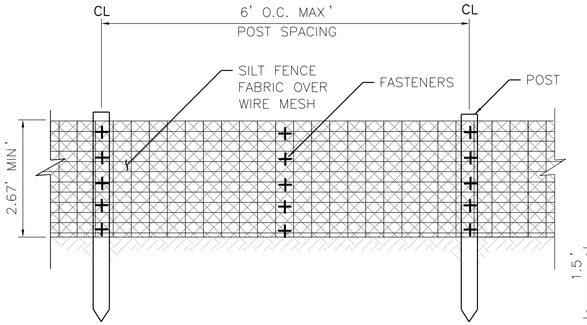
SHEET TITLE:

CIVIL UTILITY DETAILS

PROJ NO: 21273	SHEET NO. CT-504
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 41 OF 68
DESIGNED BY: AG	

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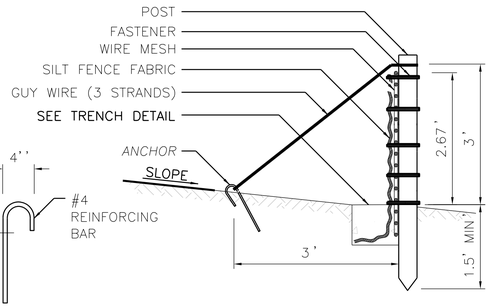
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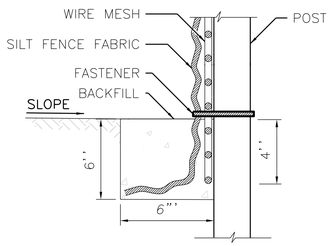
ELEVATION



ANCHOR



SECTION

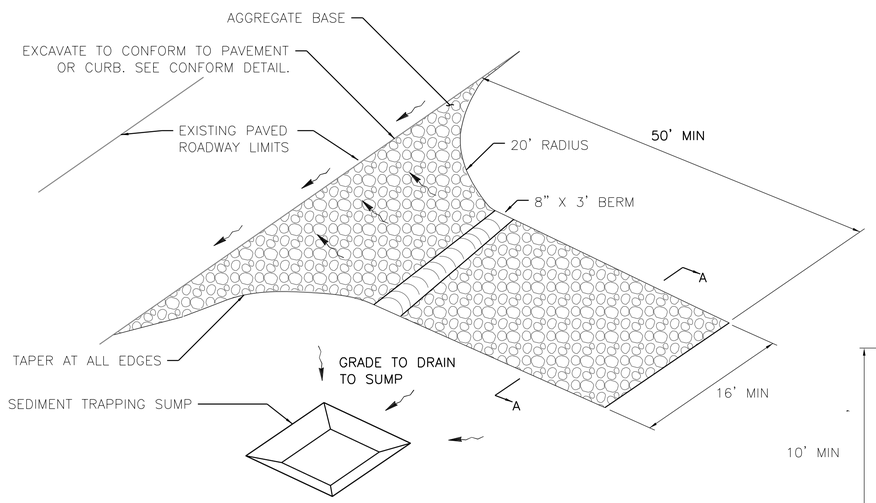


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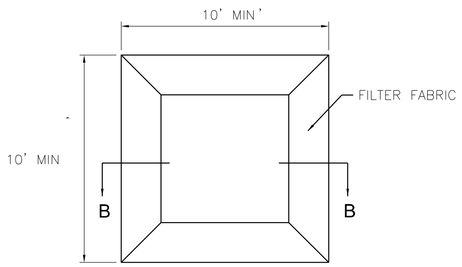
1 CT-505

TEMPORARY SILT FENCE

SCALE: NTS

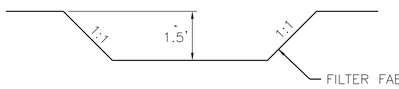


PERSPECTIVE



PLAN

SEDIMENT TRAPPING SUMP



SECTION B-B

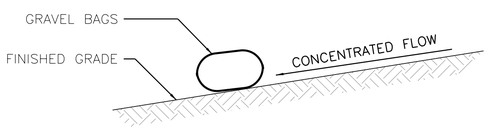
NOTES:

1. TEMPORARY CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED OF AGGREGATE BASE. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 1 FOOT.
2. LENGTH OF ENTRANCE SHALL BE 50 FEET OR MAXIMUM SITE WILL ALLOW. WIDTH SHALL BE A MINIMUM OF 16 FEET OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII WHEN CONNECTING TO EXISTING ROADWAY.
3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

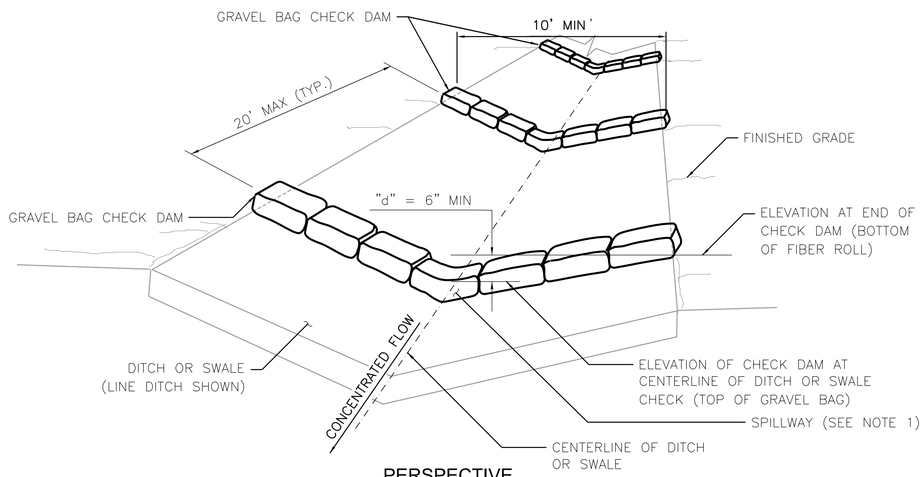
3 CT-505

CONSTRUCTION ENTRANCE

SCALE: NTS



SECTION



PERSPECTIVE

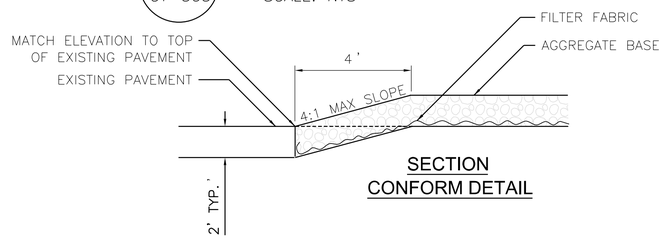
NOTES:

1. SPILLWAY DEPTH "d" SHALL BE MAINTAINED TO PREVENT FLANKING OF CONCENTRATED FLOW AROUND THE ENDS OF EACH CHECK DAM.

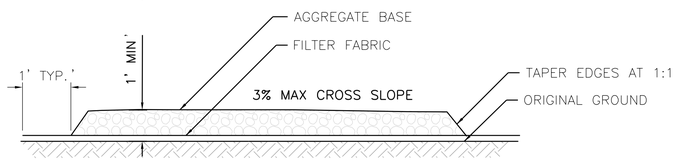
2 CT-505

TEMPORARY CHECK DAMS

SCALE: NTS



SECTION
CONFORM DETAIL



SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com	LICENSED PROFESSIONAL ENGINEER ARAPRABHA GHOSH C91571 Exp. 09/30/28 CIVIL ENGINEER STATE OF CALIFORNIA

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

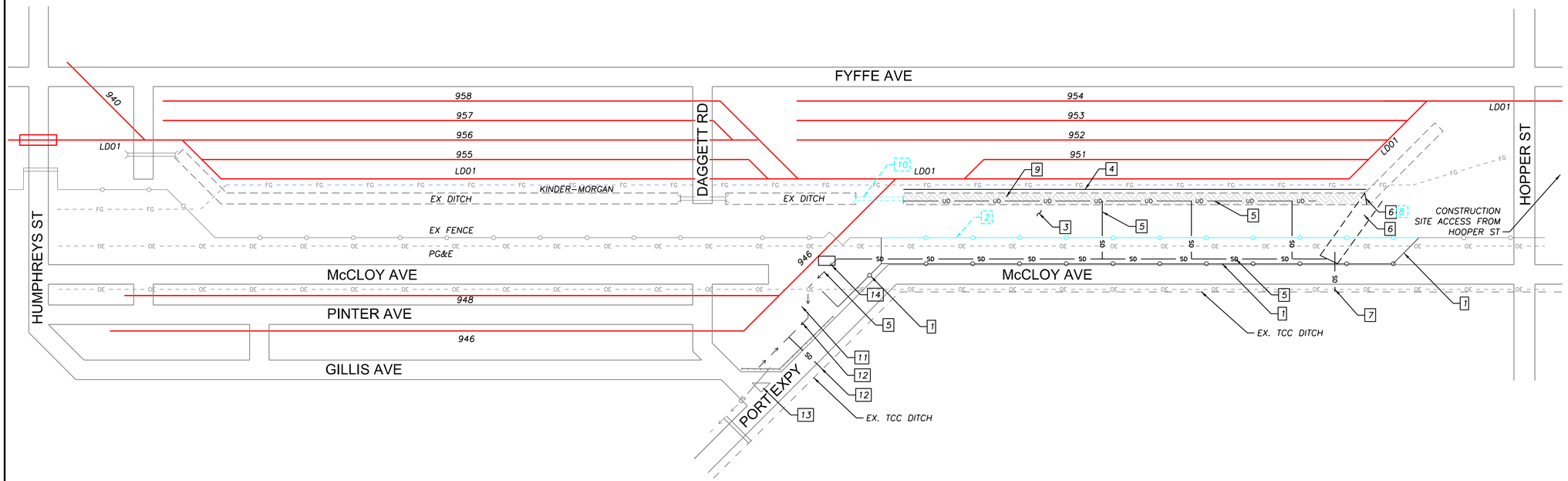
SHEET TITLE:

EROSION CONTROL DETAILS

PROJ NO: 21273	SHEET NO. CT-505
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 42 OF 68

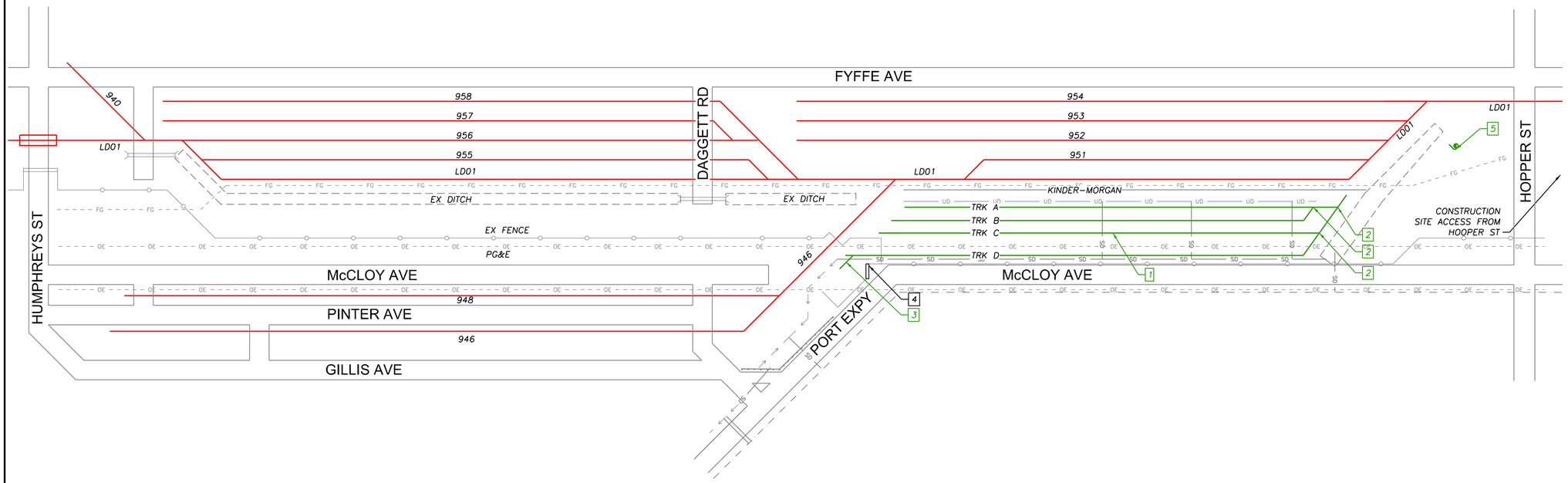
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PHASE 1A: EARTHWORK, DRAINAGE, AND UTILITIES EAST OF 946

SCALE: NTS



PHASE 1B: TRACKWORK EAST OF 946

SCALE: NTS

DESIGN NOTES:

1. REFER TO SHEET G-001 FOR PROJECT DESIGN NOTES.
2. SEE PORT OF STOCKTON WEST COMPLEX 100% SUBMITTAL FOR GILLIS & HUMPHREYS ROADWAY IMPROVEMENT PLANS.
3. CONTRACTOR MAY ELECT TO DEVISE AN ALTERNATE PHASING PLAN AND OBTAIN APPROVAL FROM THE ENGINEER AND OWNER PRIOR TO COMMENCING CONSTRUCTION.
4. THE PHASING PLANS DO NOT INCLUDE WORK COORDINATION ITEMS REQUIRED FOR POTENTIAL KINDER-MORGAN LINE RELOCATION AND ADJUSTMENTS. KINDER-MORGAN WILL SELF-PERFORM THE REQUIRED WORK AND CONTRACTOR SHALL COORDINATE WITH KINDER-MORGAN CREW AS REQUIRED.

PHASE 1A:

1. CONTRACTOR TO INSTALL CONCRETE CURB WITH OPENINGS SUPPORTING 8' HIGH CHAINLINK FENCE.
2. CONTRACTOR TO REMOVE PORTION OF EX. FENCE AND TEMPORARILY TIE-IN TO NEW FENCE.
3. CONTRACTOR TO PERFORM EXCAVATIONS CLEAR OF TRACK 946 TO FACILITATE TRACK ROADBED CONSTRUCTION, DRAINAGE INSTALLATION, AND UTILITY PROTECTION. PROTECT PG&E POLES IN PLACE.
4. CONTRACTOR TO ENCASE EXPOSED EXISTING UTILITIES AND INSTALL SHEETING PILE WALL TO PROTECT KINDER MORGAN LINE.
5. CONTRACTOR TO INSTALL UNDERDRAINS, STORM DRAINS, CULVERTS, DRAINAGE APPURTENANCES AND V-DITCH CONNECTING TO TRACKSIDE DITCH.
6. CONTRACTOR TO INSTALL TEMPORARY FLOW OBSTRUCTIONS AND GRADE BASIN CONNECTING EXISTING DITCH.
7. CONTRACTOR TO JACK AND BORE NEW CULVERT ACROSS McCLOY AVE TYING INTO TCC DITCH.
8. CONTRACTOR TO REMOVE TEMPORARY OBSTRUCTIONS.
9. CONTRACTOR TO PLACE EMBANKMENT FILLS TO PREPARE TRACK ROADBED SUBGRADE, INCLUDING FILLING UP THE EXISTING DITCH. PROTECT PG&E POLES IN PLACE.
10. CONTRACTOR TO CAP AND ABANDON EXISTING CULVERT.
11. CONTRACTOR TO PERFORM EARTHWORK CLEAR OF TRACK 946 TO ESTABLISH THE TRACK ROADBED AND ACCESS ROAD. CONTRACTOR TO GRADE A TEMPORARY DRAINAGE FEATURE AS REQUIRED.
12. CONTRACTOR TO GRADE TRACKSIDE DITCH AND JACK AND BORE CULVERT ACROSS PORT EXPRESSWAY TO TCC DITCH
13. CONTRACTOR TO OFF-HAUL SOIL TO A PILE SOUTH OF NEW ROADWAY.
14. CONTRACTOR TO INSTALL BRIDGING SLAB FOR UTILITY PROTECTION OF CITY FORCE MAIN.

PHASE 1B:

1. CONTRACTOR TO INSTALL SUBBALLAST, BALLAST, RAIL, TIES, OTM FOR TRACKS A, B, C, AND D CLEAR OF TRACK 946 AND TRACK LD01.
2. CONTRACTOR TO INSTALL NO.9 TURNOUTS CONNECTING THE NEW YARD TRACKS.
3. CONTRACTOR TO INSTALL NEW TURNOUT ON TRACK D FOR NEW TRACK 946
4. CONTRACTOR TO INSTALL NEW CHAINLINK SECURITY GATE.
5. CONTRACTOR TO ASSEMBLE NO. 9 TURNOUT FOR TRACK LD01 AND TRACK C OFFLINE.

N

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STATE OF CALIFORNIA
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

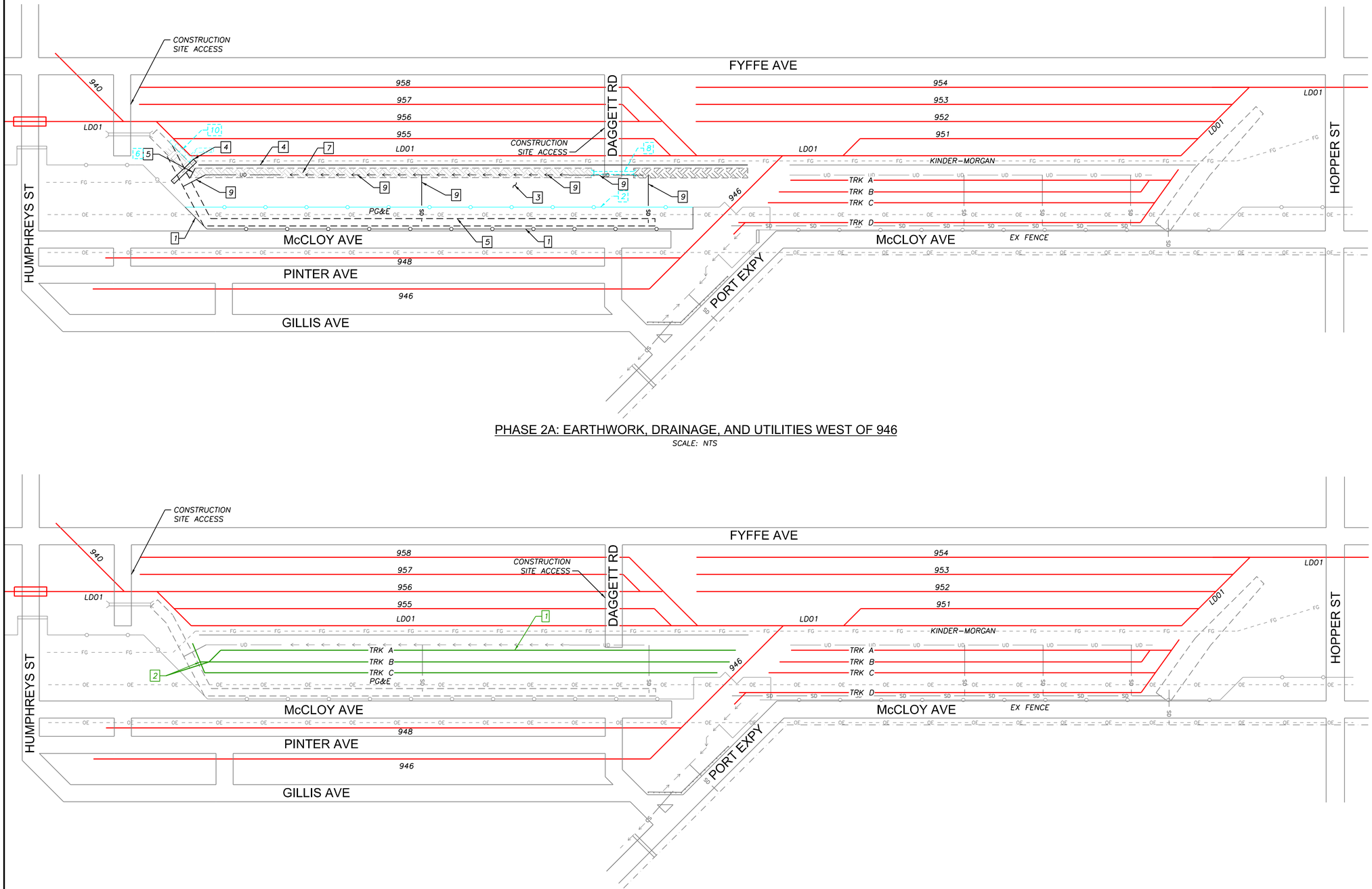
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McCLOY YARD
PHASING PLAN

PROJ NO: 21273	SHEET NO. CT-601
SCALE: AS NOTED	
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PHASE 2A: EARTHWORK, DRAINAGE, AND UTILITIES WEST OF 946

SCALE: NTS

PHASE 2B: TRACKWORK WEST OF 946

SCALE: NTS

DESIGN NOTES:

1. REFER TO SHEET G–001 FOR PROJECT DESIGN NOTES.
2. SEE PORT OF STOCKTON WEST COMPLEX 100% SUBMITTAL FOR GILLIS & HUMPHREYS ROADWAY IMPROVEMENT PLANS.
3. CONTRACTOR MAY ELECT TO DEVISE AN ALTERNATE PHASING PLAN AND OBTAIN APPROVAL FROM THE ENGINEER AND OWNER PRIOR TO COMMENCING CONSTRUCTION.
4. THE PHASING PLANS DO NOT INCLUDE WORK COORDINATION ITEMS REQUIRED FOR POTENTIAL KINDER–MORGAN LINE RELOCATION AND ADJUSTMENTS. KINDER–MORGAN WILL SELF–PERFORM THE REQUIRED WORK AND CONTRACTOR SHALL COORDINATE WITH KINDER–MORGAN CREW AS REQUIRED.

PHASE 2A:

1. CONTRACTOR TO INSTALL 8' HIGH CHAINLINK FENCE.
2. CONTRACTOR TO REMOVE PORTION OF EX. FENCE AND TEMPORARILY TIE–IN TO NEW FENCE.
3. CONTRACTOR TO PERFORM EXCAVATIONS CLEAR OF TRACK 946 TO FACILITATE TRACK ROADBED CONSTRUCTION, DRAINAGE INSTALLATION, AND UTILITY PROTECTION. PROTECT PG&E POLES IN PLACE.
4. CONTRACTOR TO ENCASE EXPOSED EXISTING UTILITIES AND INSTALL BRIDGING SLAB TO PROTECT FROM NEW TRACK LOADING.
5. CONTRACTOR TO INSTALL TEMPORARY FLOW OBSTRUCTIONS AND GRADE NEW DITCH CONNECTING TO EXISTING DITCH DUE WEST.
6. CONTRACTOR TO REMOVE TEMPORARY OBSTRUCTIONS.
7. CONTRACTOR TO PLACE EMBANKMENT FILLS TO PREPARE TRACK ROADBED SUBGRADE, INCLUDING FILLING UP THE EXISTING DITCH. PROTECT PG&E POLES IN PLACE.
8. CONTRACTOR TO CAP AND ABANDON EXISTING CULVERT.
9. CONTRACTOR TO INSTALL UNDERDRAINS, STORM DRAINS, CULVERTS, DRAINAGE APPURTENANCES AND V–DITCH CONNECTING TO SOUTH DITCH.
10. REMOVE EX. TRANSLOAD ACCESS ROAD.

PHASE 2B:

1. CONTRACTOR TO INSTALL SUBBALLAST, BALLAST, RAIL, TIES, OTM FOR TRACKS A, B, AND C CLEAR OF TRACK 946 AND TRACK LD01.
2. CONTRACTOR TO INSTALL NO.9 TURNOUTS CONNECTING THE NEW YARD TRACKS.

N

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

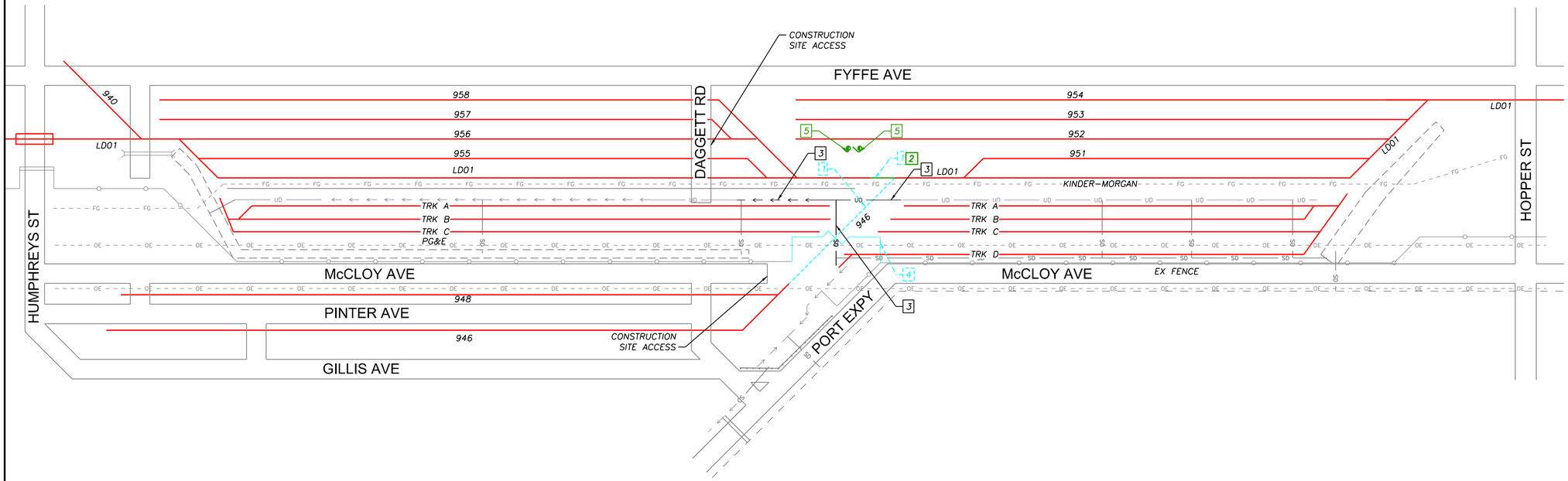
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McCLOY YARD
PHASING PLAN

PROJ NO: 21273
SCALE: AS NOTED
DATE: 08/31/2026
DESIGNED BY: AG

SHEET NO.
CT-602
SHEET 44 OF 68

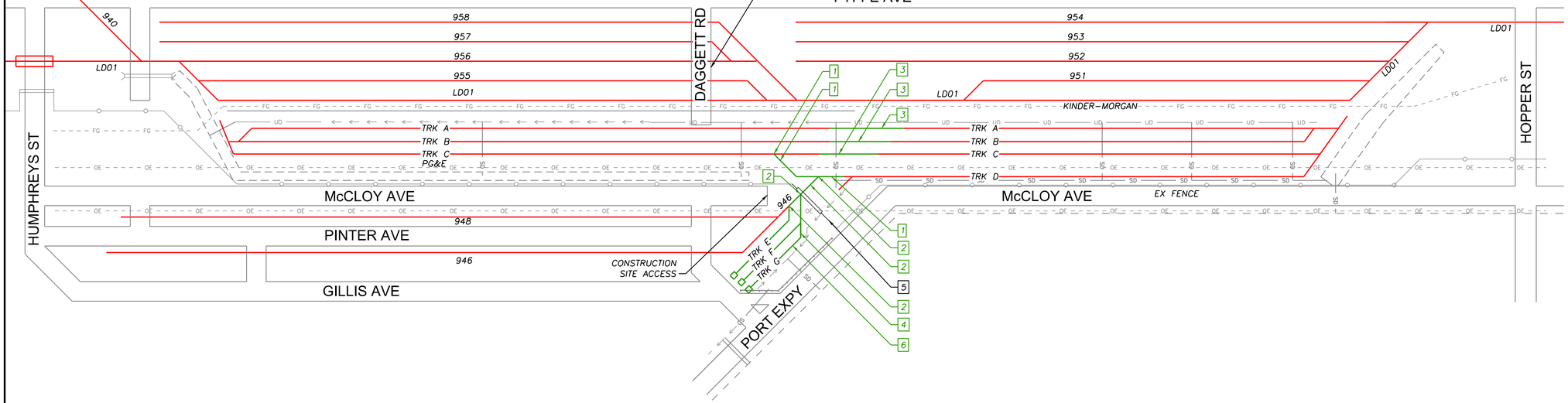
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PHASE 3A: TRACK 946 REMOVAL

SCALE: NTS



PHASE 3B: TRACK 946 RESTORATION

SCALE: NTS

DESIGN NOTES:

1. REFER TO SHEET G–001 FOR PROJECT DESIGN NOTES.
2. SEE PORT OF STOCKTON WEST COMPLEX 100% SUBMITTAL FOR GILLIS & HUMPHREYS ROADWAY IMPROVEMENT PLANS.
3. CONTRACTOR MAY ELECT TO DEVISE AN ALTERNATE PHASING PLAN AND OBTAIN APPROVAL FROM THE ENGINEER AND OWNER PRIOR TO COMMENCING CONSTRUCTION.

PHASE 3A:

1. CONTRACTOR TO REMOVE PORTION OF TRACK 946 AND THE EXISTING 946 TURNOUT ON TRACK LD01.
2. CONTRACTOR TO RECONSTRUCT PORTION OF TRACK LD01 AFTER TURNOUT REMOVAL.
3. CONTRACTOR TO GRADE NEW V–DITCH AND INSTALL NEW UNDERDRAINS AND CULVERTS.
4. CONTRACTOR TO REMOVE PORTION OF EXISTING FENCE AND TRACK ACCESS GATE.
5. CONTRACTOR TO ASSEMBLE TURNOUTS OFFLINE FOR TRACK 946, TRACK F, AND TRACK E.

PHASE 3B:

1. CONTRACTOR TO CONSTRUCT TRACK D AND TRACK 946 AND INSTALL TURNOUTS TO TRACK C.
2. CONTRACTOR TO INSTALL TURNOUT TO TRACK 946, TRACK F, AND TRACK E, ASSEMBLED IN PHASE 5A, STEP 5 AND CONSTRUCT THE REMAINING PORTION OF TRACK 946.
3. CONTRACTOR TO CONSTRUCT PORTIONS OF TRACK A, B, AND C TIE IN TO PREVIOUSLY CONSTRUCTED TRACKS A, B, AND C.
4. CONTRACTOR TO INSTALL TURNOUT ON TRACK G.
5. CONTRACTOR TO RESTORE FENCE AND INSTALL NEW TRACK GATE ON TRACK 946.
6. CONTRACTOR TO INSTALL TRACKS E, F, AND G AND CONNECT TO TURNOUTS. CONTRACTOR TO INSTALL TURNOUT BETWEEN TRACKS F AND G.

N

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

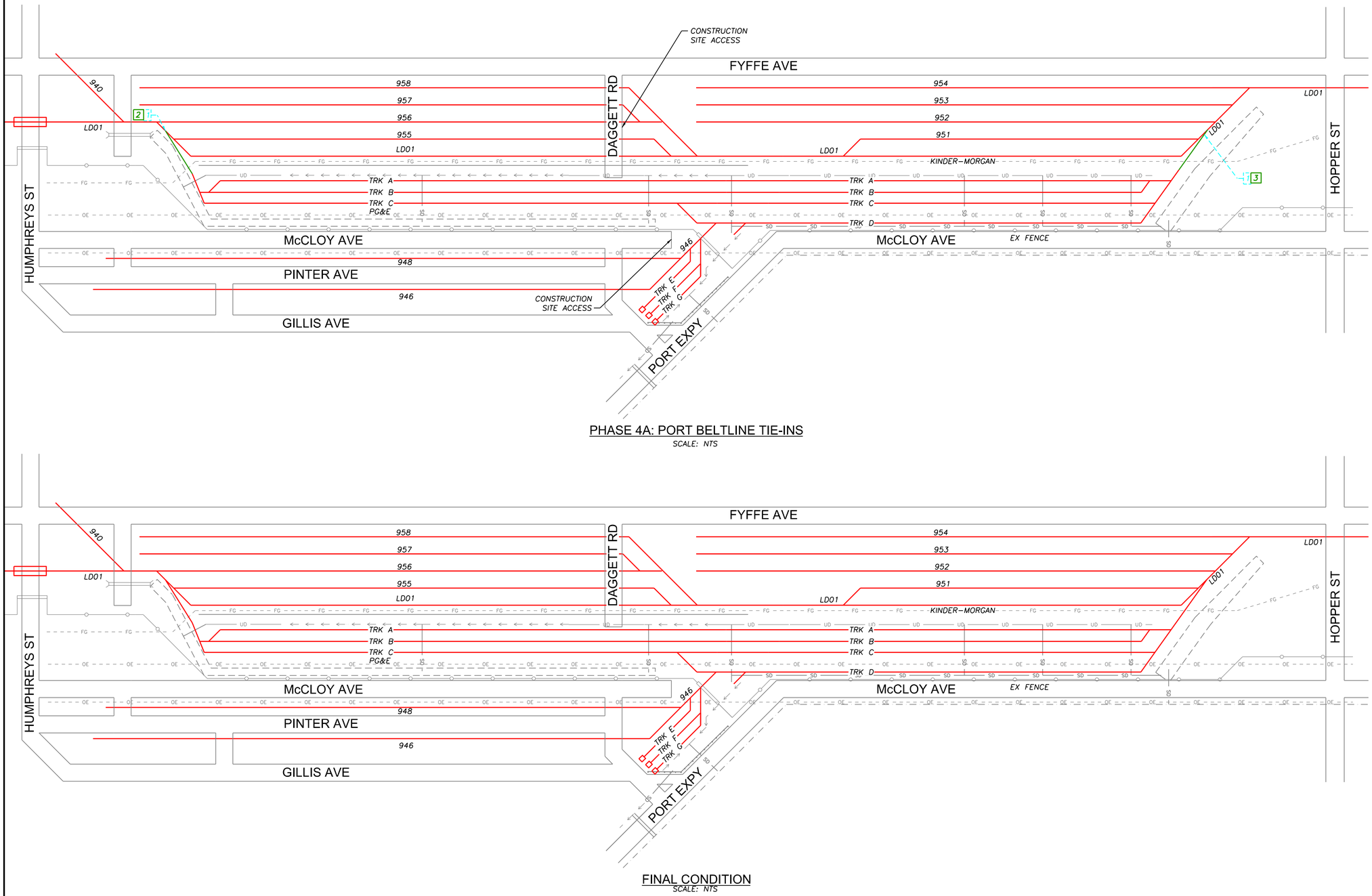
SHEET TITLE:

McCLOY YARD
PHASING PLAN

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PHASE 4A: PORT BELTLINE TIE-INS

SCALE: NTS

FINAL CONDITION

SCALE: NTS

DESIGN NOTES:

1. REFER TO SHEET G-001 FOR PROJECT DESIGN NOTES.
2. SEE PORT OF STOCKTON WEST COMPLEX 100% SUBMITTAL FOR GILLIS & HUMPHREYS ROADWAY IMPROVEMENT PLANS.
3. CONTRACTOR MAY ELECT TO DEVISE AN ALTERNATE PHASING PLAN AND OBTAIN APPROVAL FROM THE ENGINEER AND OWNER PRIOR TO COMMENCING CONSTRUCTION.
4. THE PHASING PLANS DO NOT INCLUDE WORK COORDINATION ITEMS REQUIRED FOR POTENTIAL KINDER-MORGAN LINE RELOCATION AND ADJUSTMENTS. KINDER-MORGAN WILL SELF-PERFORM THE REQUIRED WORK AND CONTRACTOR SHALL COORDINATE WITH KINDER-MORGAN CREW AS REQUIRED.

PHASE 2A:

1 CONTRACTOR TO PROCURE CCTC RAILROAD FLAGGING AND REMOVE PORTION OF TRACK LD01.

2 CONTRACTOR TO INSTALL NEW TURNOUT AND TIE IN TO TRACKS LD01 AND TRACK B.

3 CONTRACTOR TO INSTALL THE TURNOUT ASSEMBLED FOR TRACK LD01 AND TRACK C.

N

SUBCONSULTANT:	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	SUBCONSULTANT:
HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com	PRIME CONSULTANT:	
LICENSED PROFESSIONAL ENGINEER ARAPRABHA GHOSH C91571 Exp. 09/30/28 CIVIL ENGINEER STATE OF CALIFORNIA	PROFESSIONAL SEAL:	
ISSUED FOR BID NOT FOR CONSTRUCTION 08/31/2026	ISSUE:	

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0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

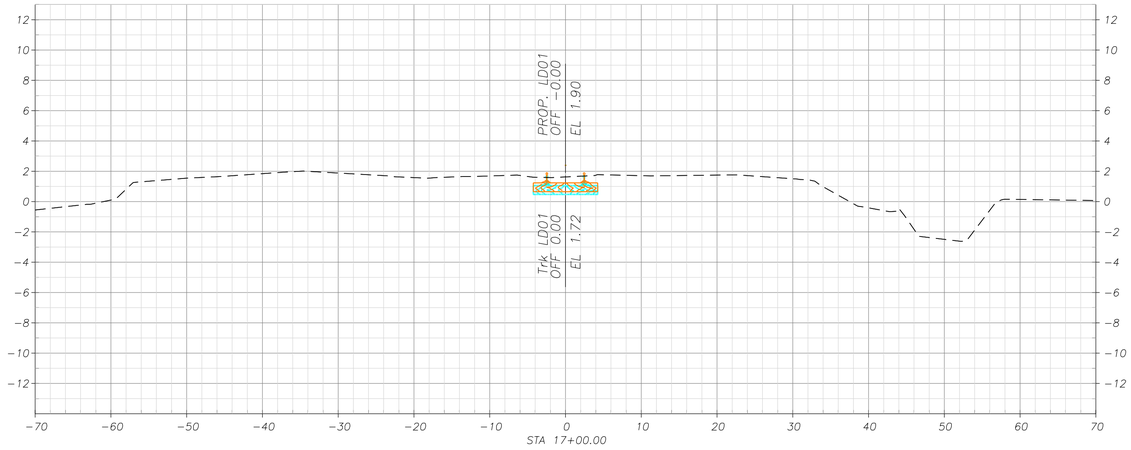
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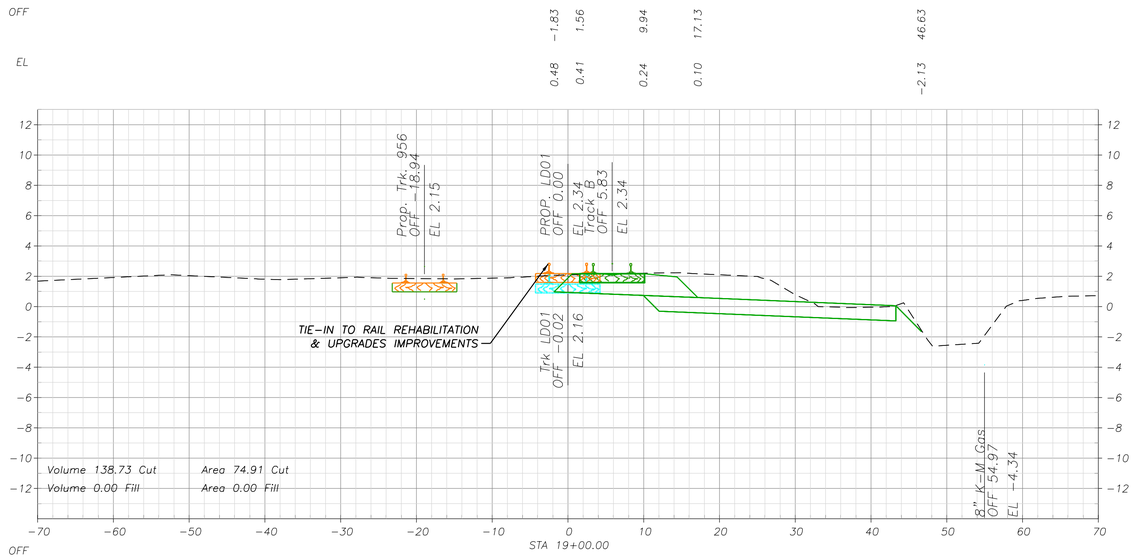
McCLOY YARD
PHASING PLAN

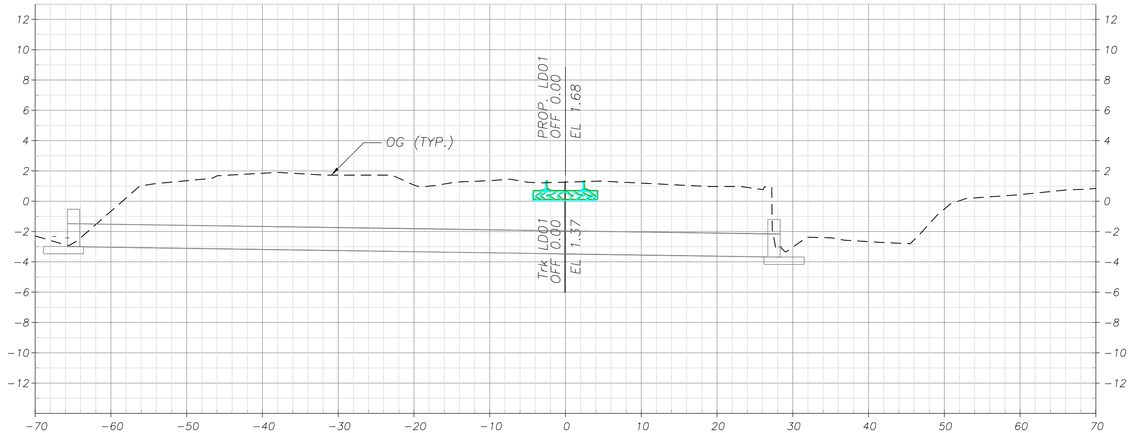
PROJ NO: 21273	SHEET NO. CT-604
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 46 OF 68

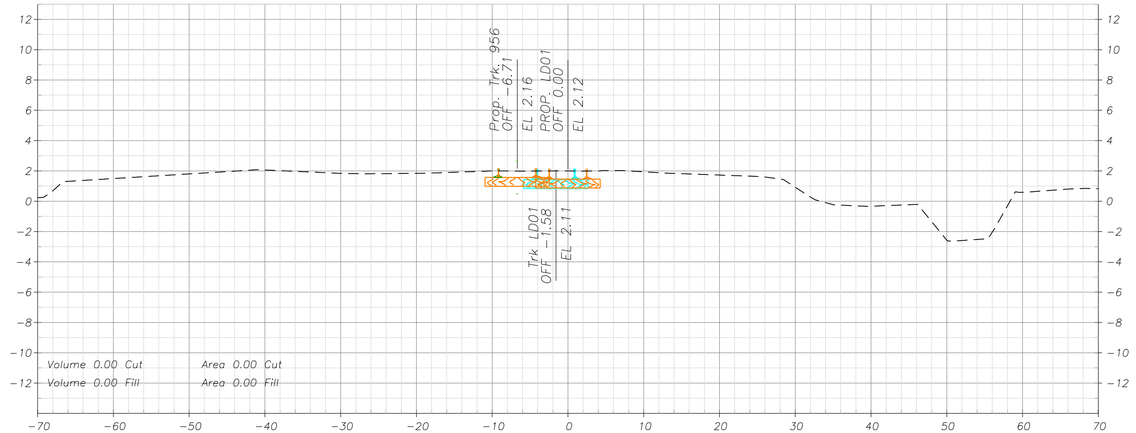
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AriaGhosh - 4:50:18 PM - pw://JMA-PW-APP.jmadvit.com:JMA-PW/Documents/Projects/21273-HDRPoS/RailSheets/McCloy Yard/CT-600 McCloy Phasing Sheets.dgn
8/31/2026









0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:

JMA CIVIL
5250 Claremont Ave, Ste. 227
Stockton, CA 95207
T: 925.400.4356
www.jmacivil.com
SUBCONSULTANT:

HDR
2379 Gateway Oaks, Ste. 200
Sacramento, CA 95833
T: 916.679.8700
www.hdrinc.com
PRIME CONSULTANT:

LICENSED PROFESSIONAL ENGINEER
ARKAPRABHA GHOSH
C91571
Exp. 09/30/28
CIVIL ENGINEER
STATE OF CALIFORNIA
PROFESSIONAL SEAL:

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

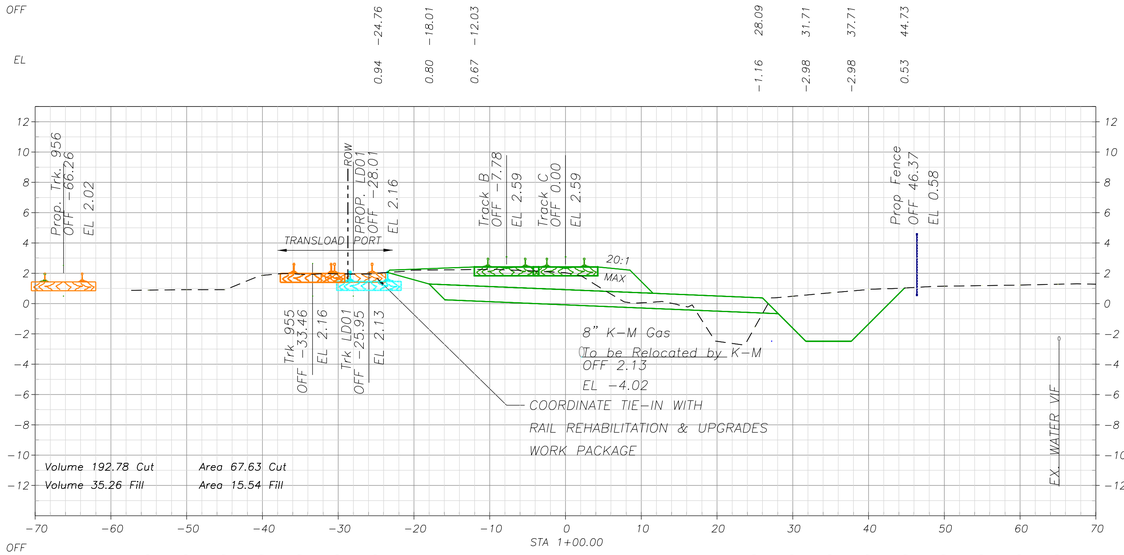
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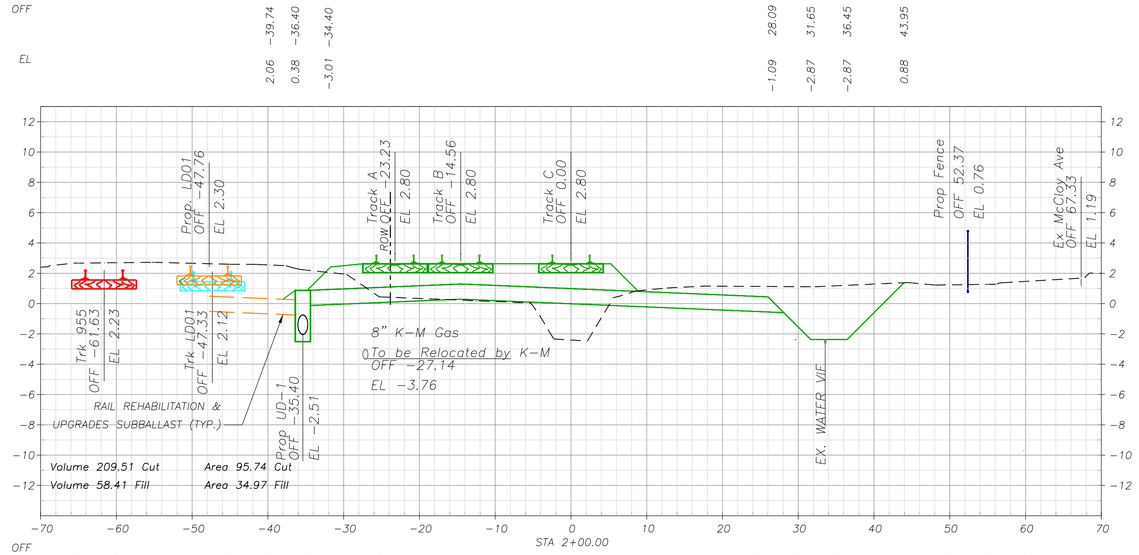
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STA. 16+05.30 TO 19+00

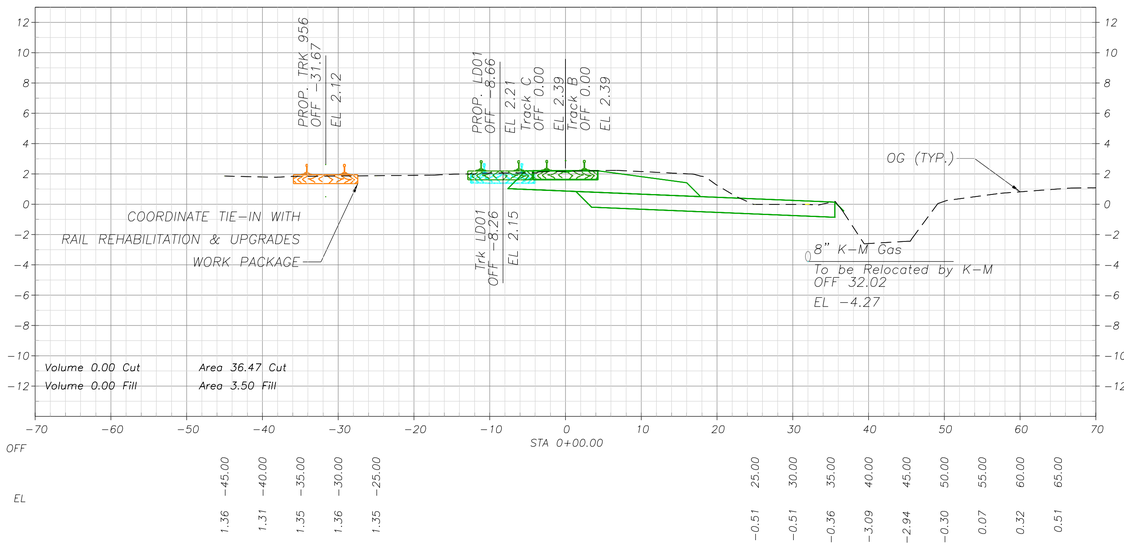
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SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 47 OF 68

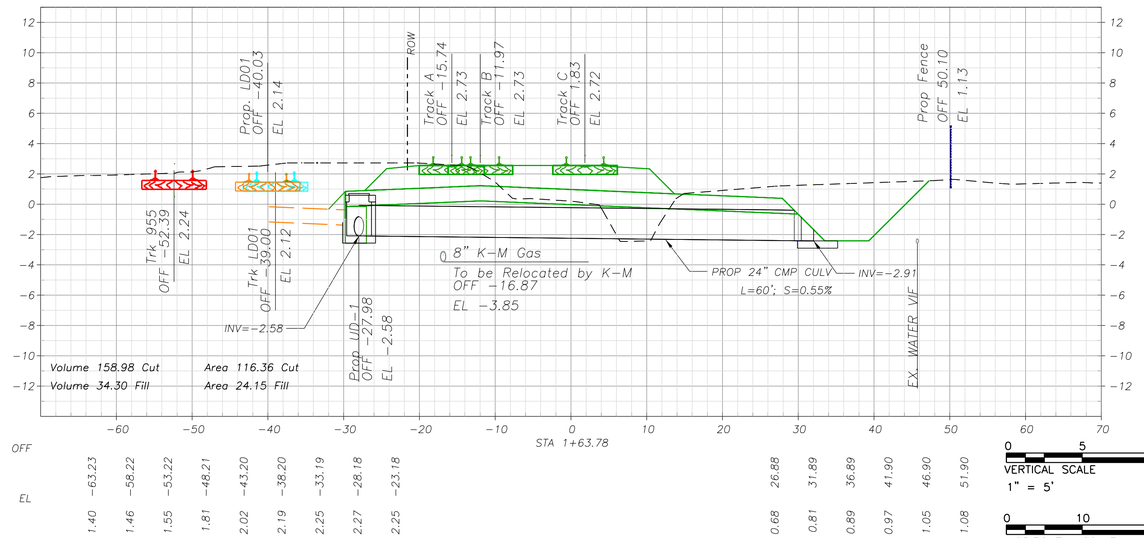
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ArkaGhosh
8/8/2026 - 4:40:23 PM - pw://JMA-PW-APP.jmacivil.com:JMA-PW/Documents/Projects/21273-HDRPGS/Rail/Sheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

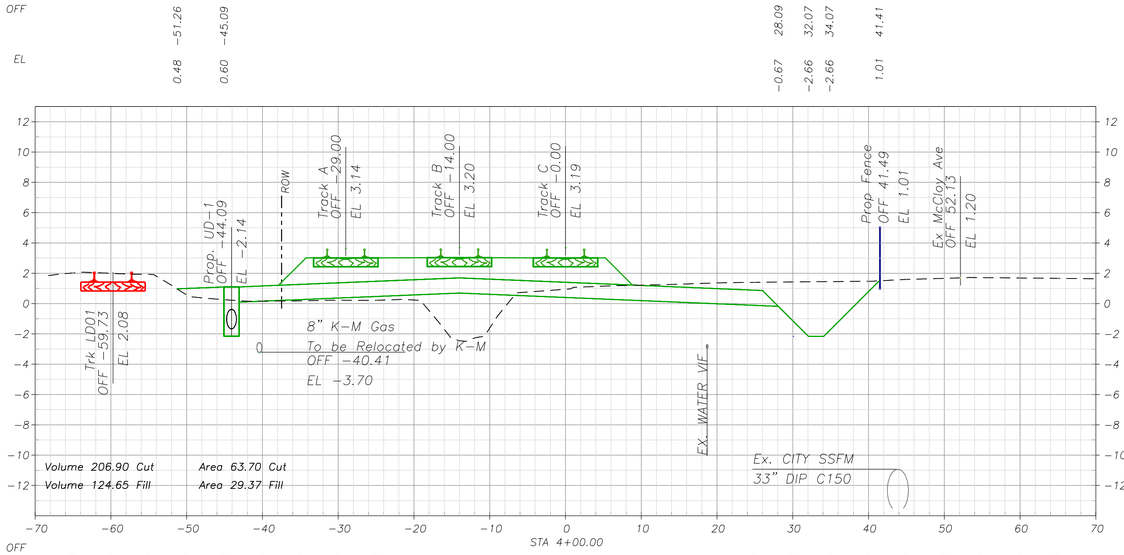
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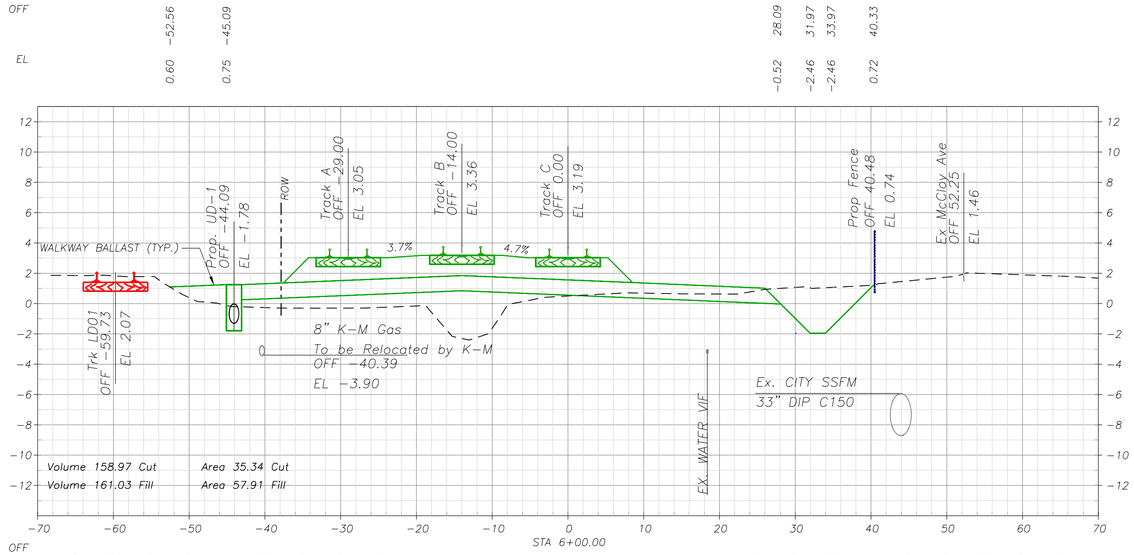
TRACK C CROSS SECTION
STA. 0+00 TO 2+00

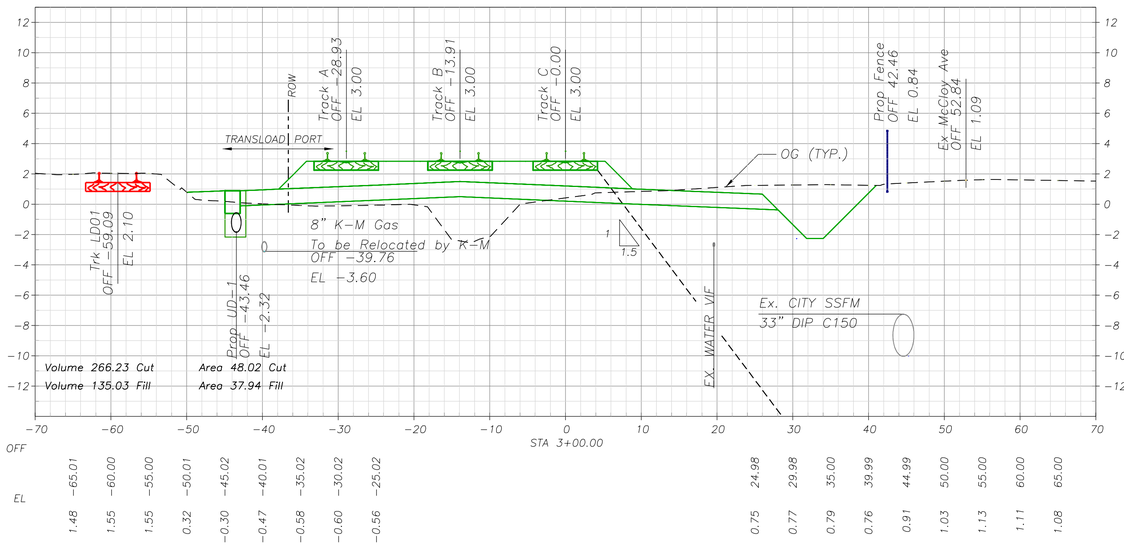
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SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 48 OF 68

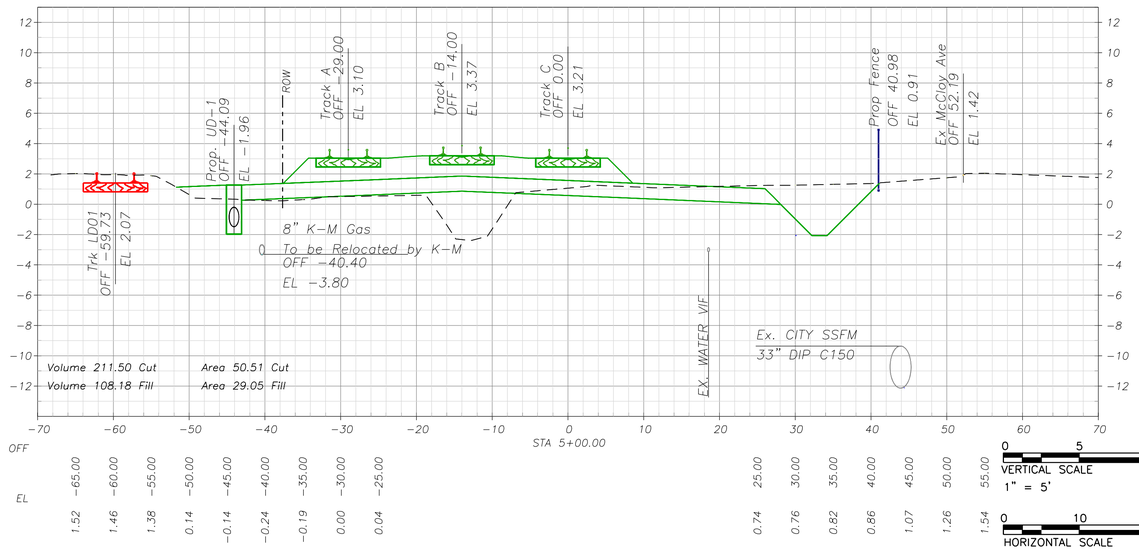
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ArkaGhosh
8/30/2026 - 4:35:43 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPckS/Rail/Sheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

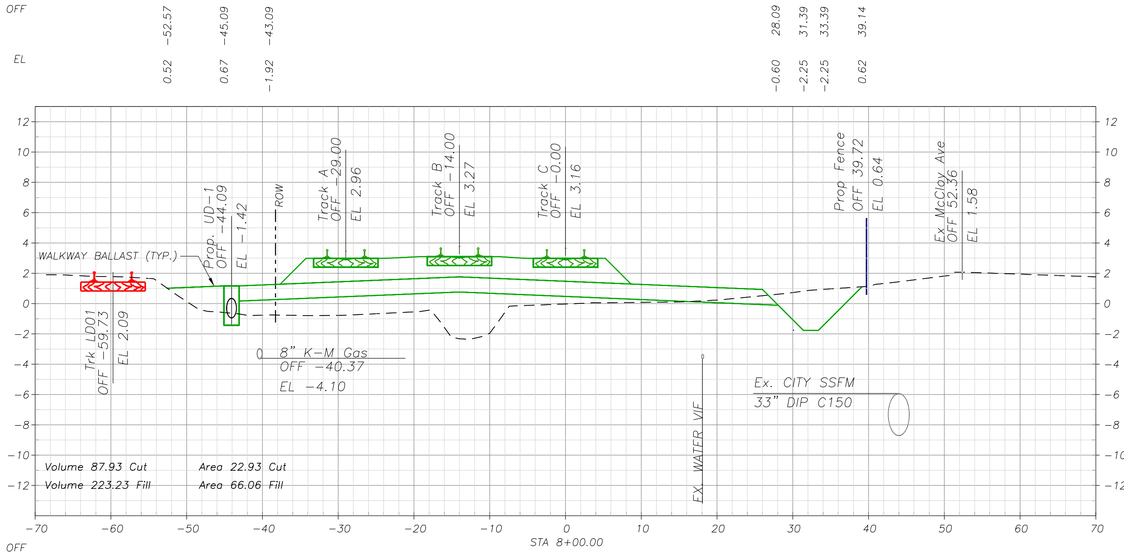
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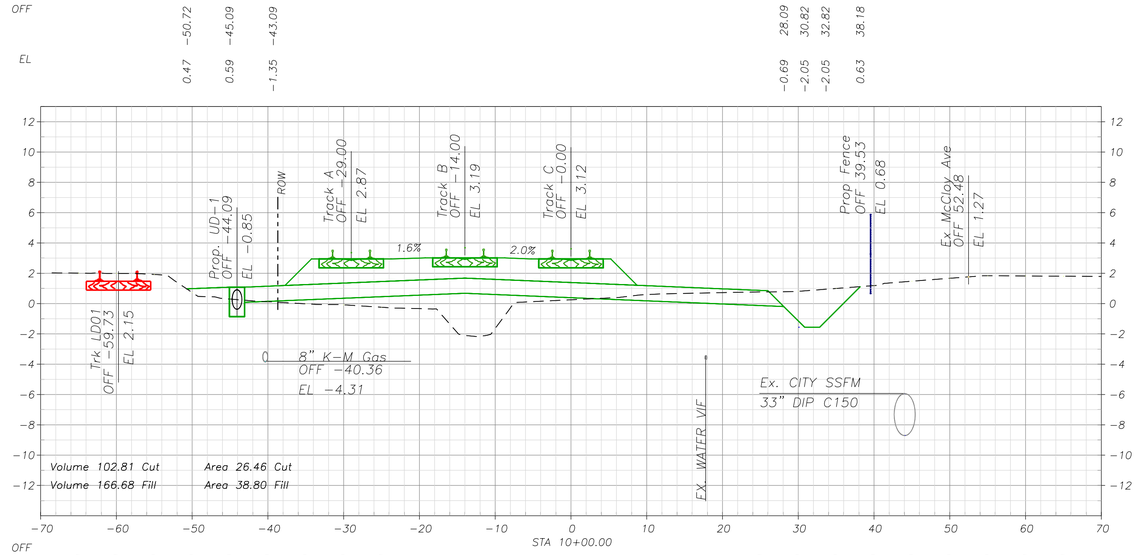
TRACK C CROSS SECTION
STA. 3+00 TO 6+00

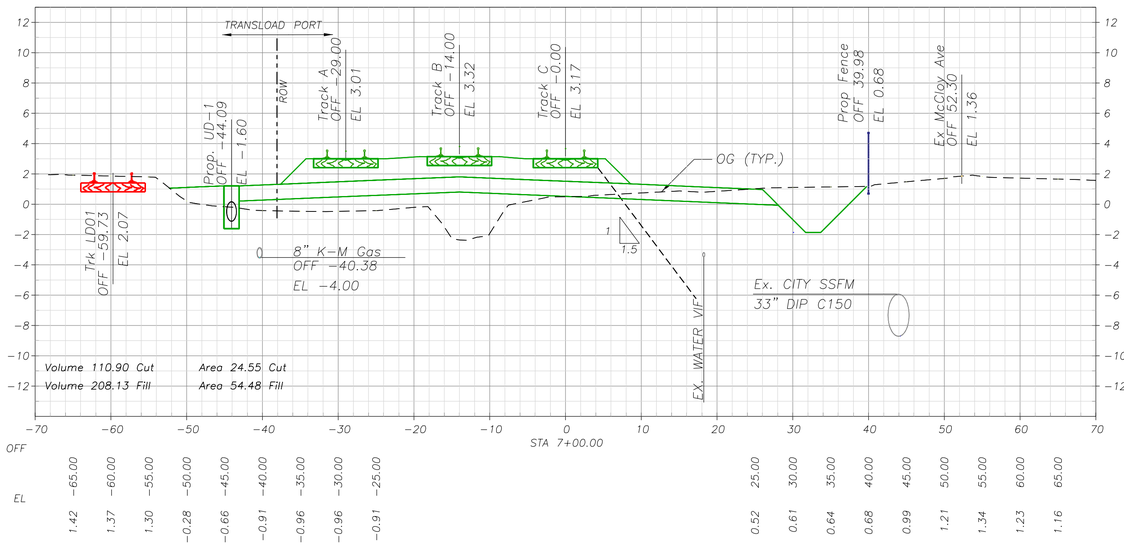
PROJ NO: 21273	SHEET NO. CT-803
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 49 OF 68
DESIGNED BY: AG	

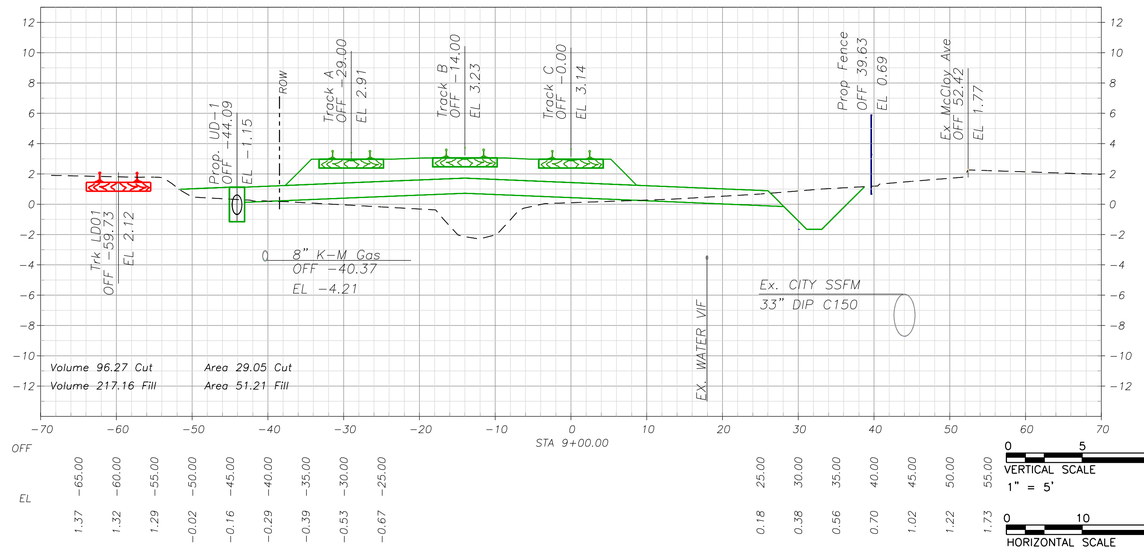
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8/30/2026 - 4:38:26 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPcS/Rail/Sheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

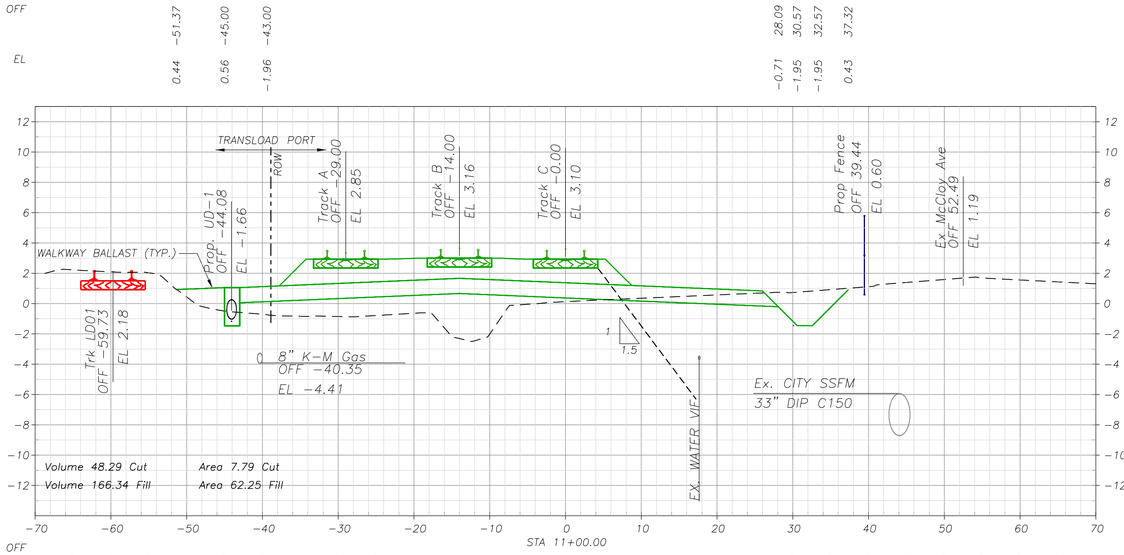
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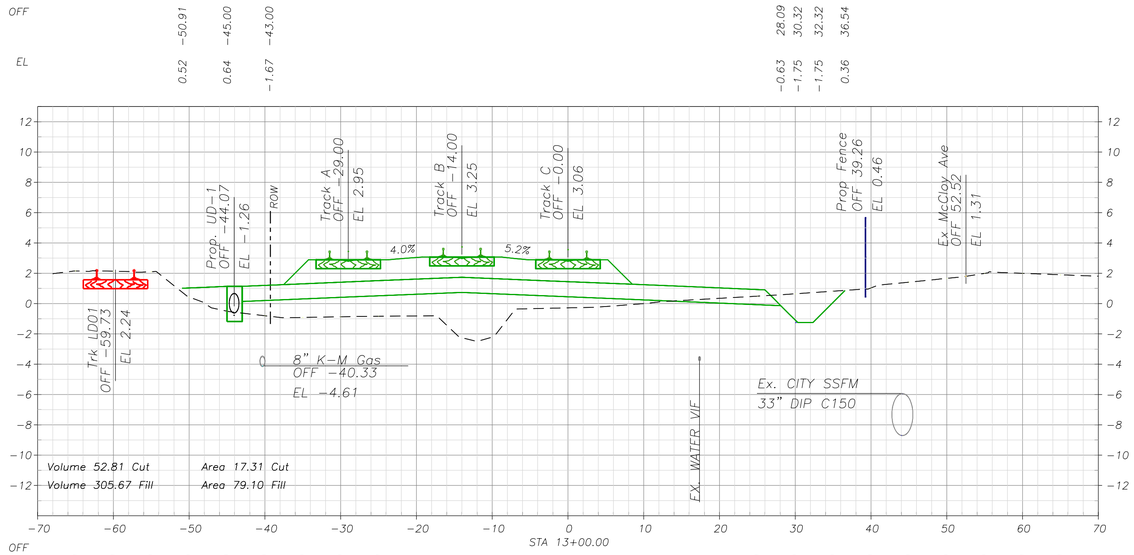
TRACK C CROSS SECTION
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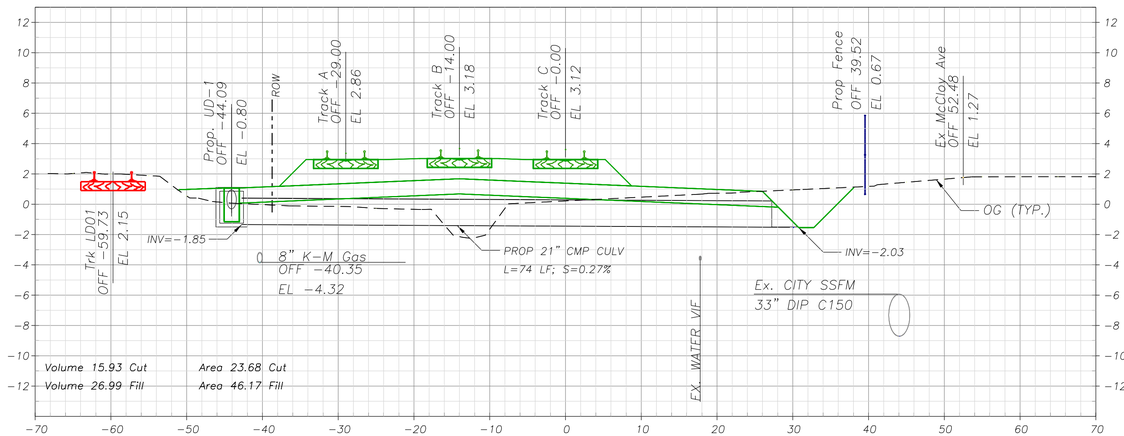
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DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 50 OF 68

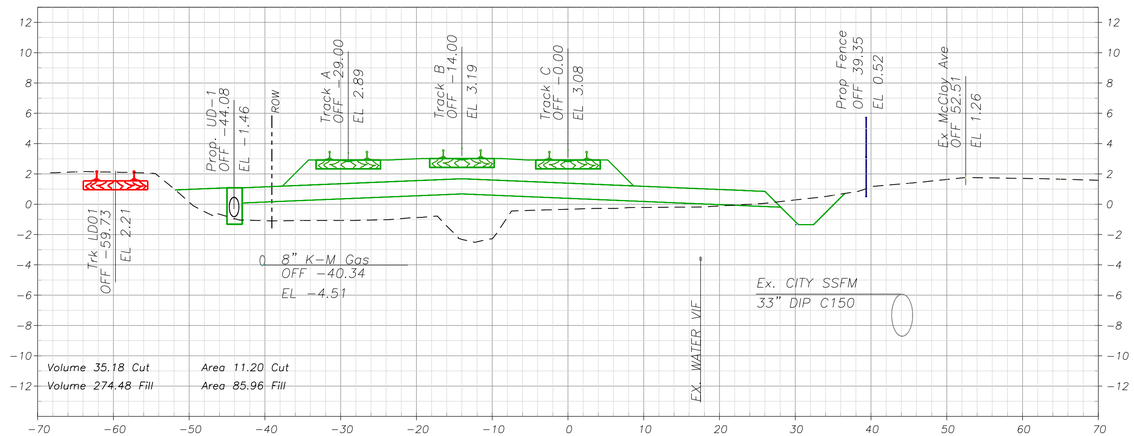
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8/30/2026 - 4:40:27 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPcS/Rail/Sheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

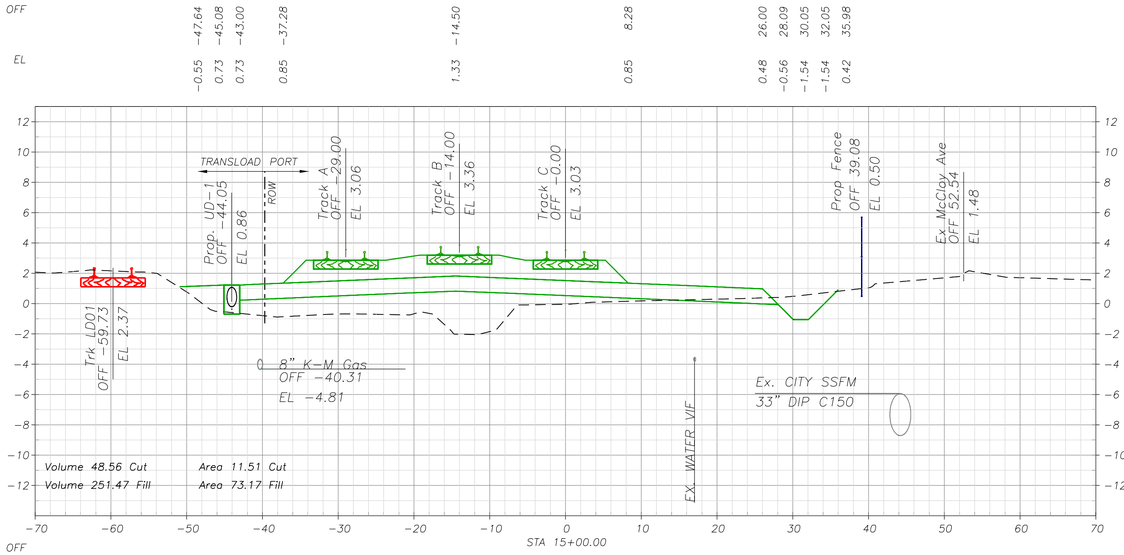
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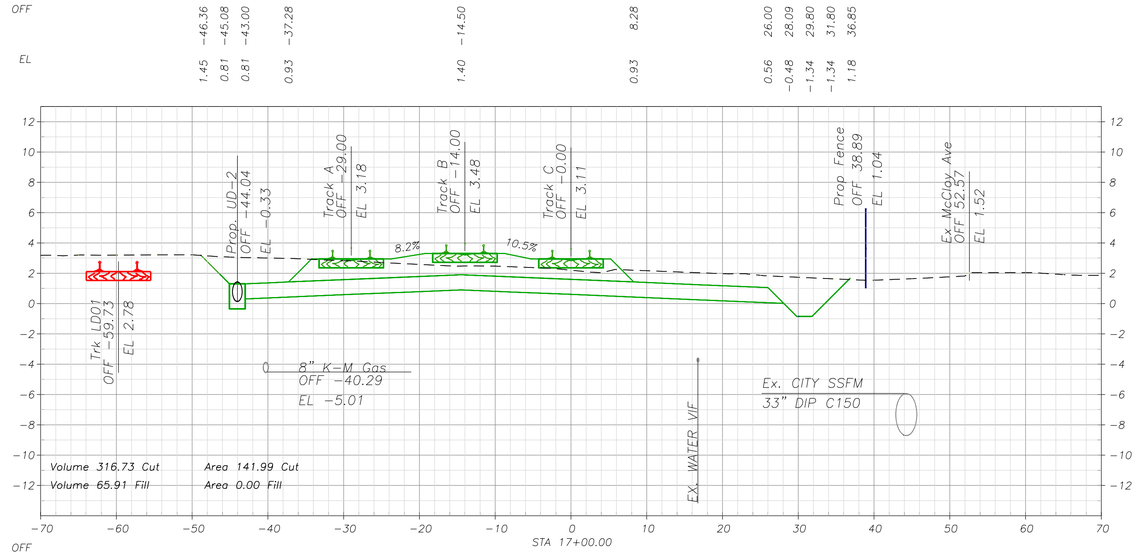
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STA. 10+17.15 TO 13+00

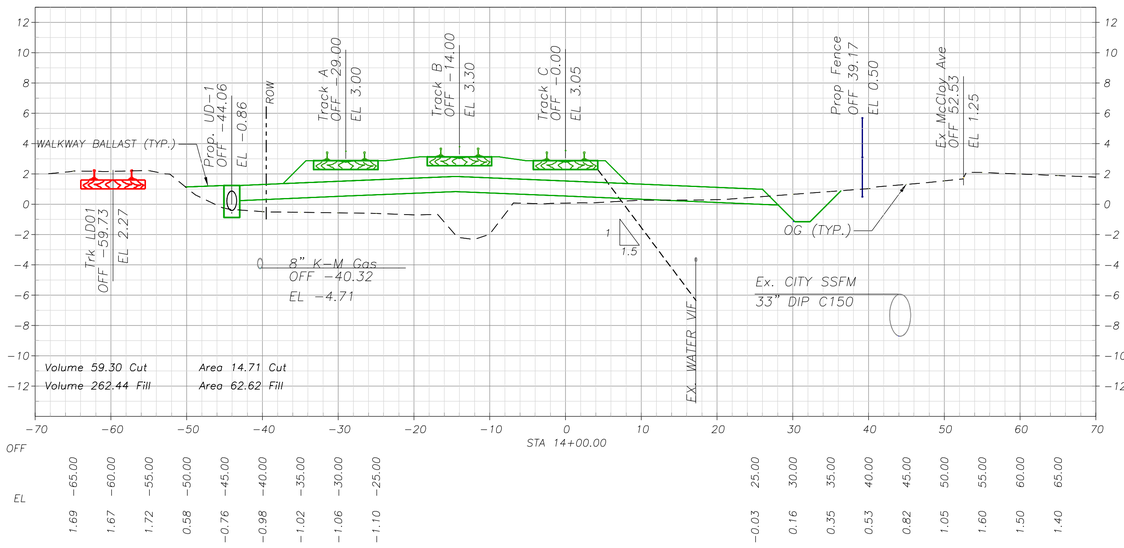
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SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 51 OF 68

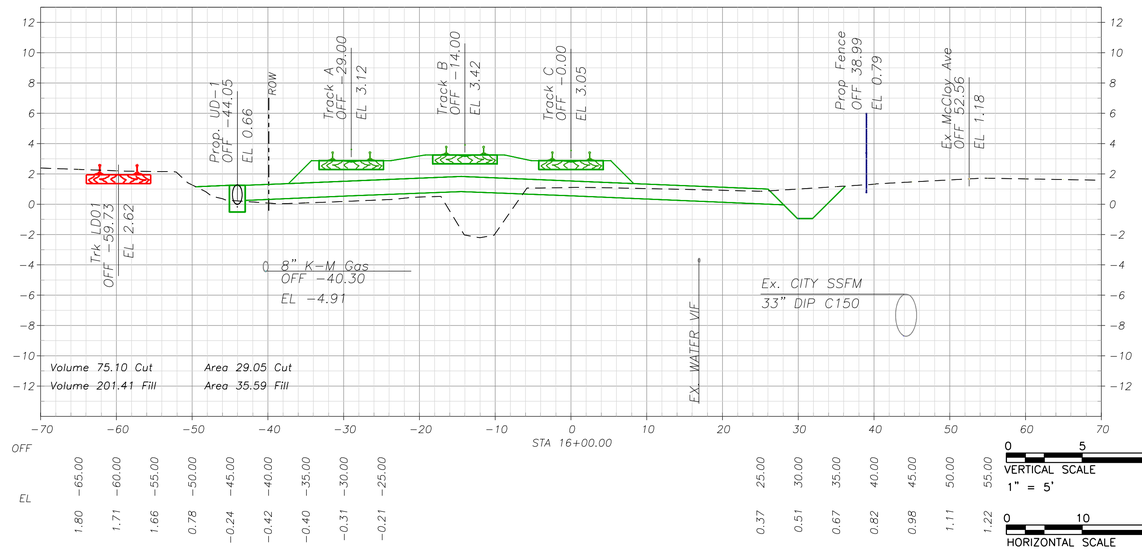
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VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

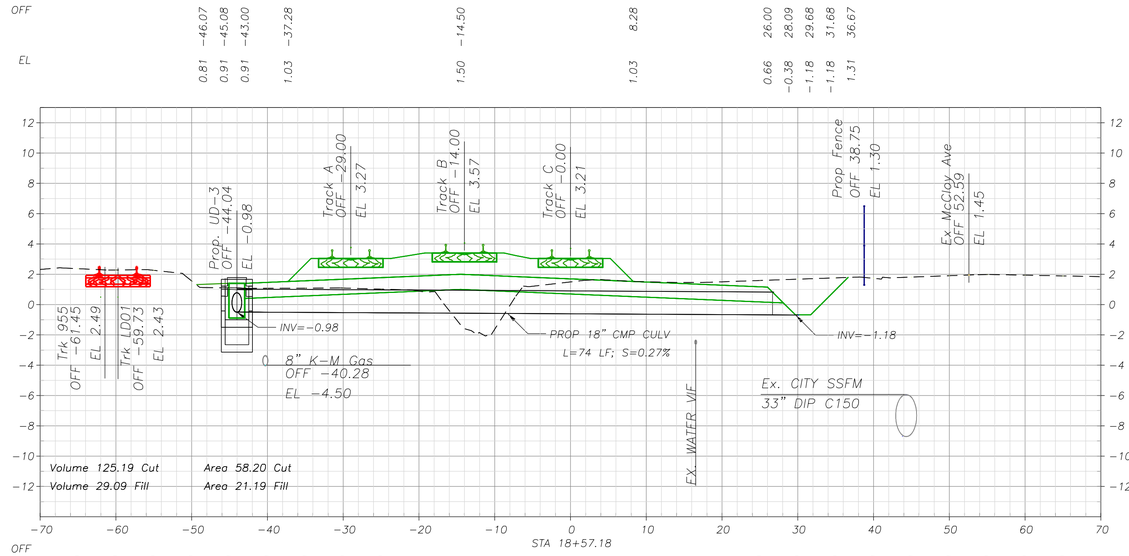
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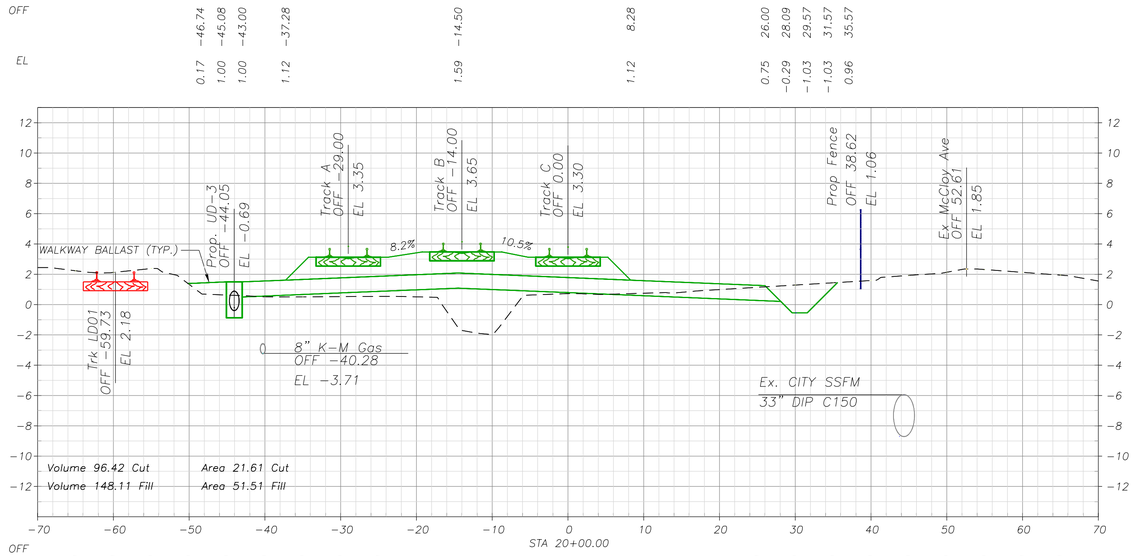
TRACK C CROSS SECTION
STA. 14+00 TO 17+00

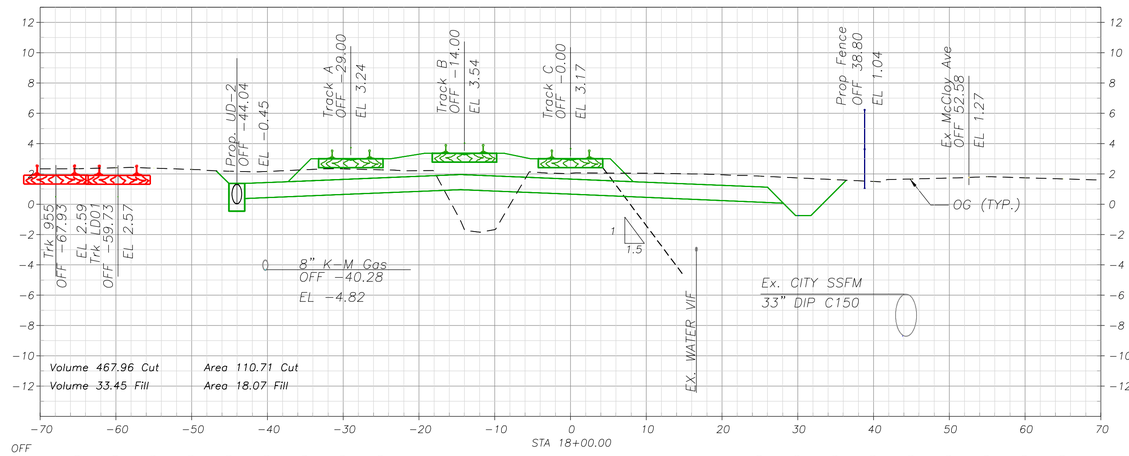
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DATE: 08/31/2026	SHEET 52 OF 68
DESIGNED BY: AG	

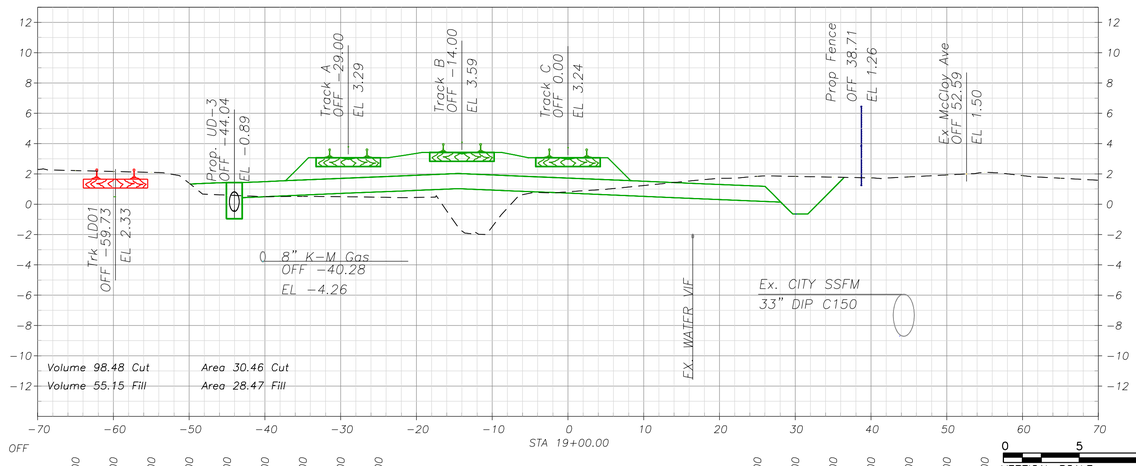
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VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

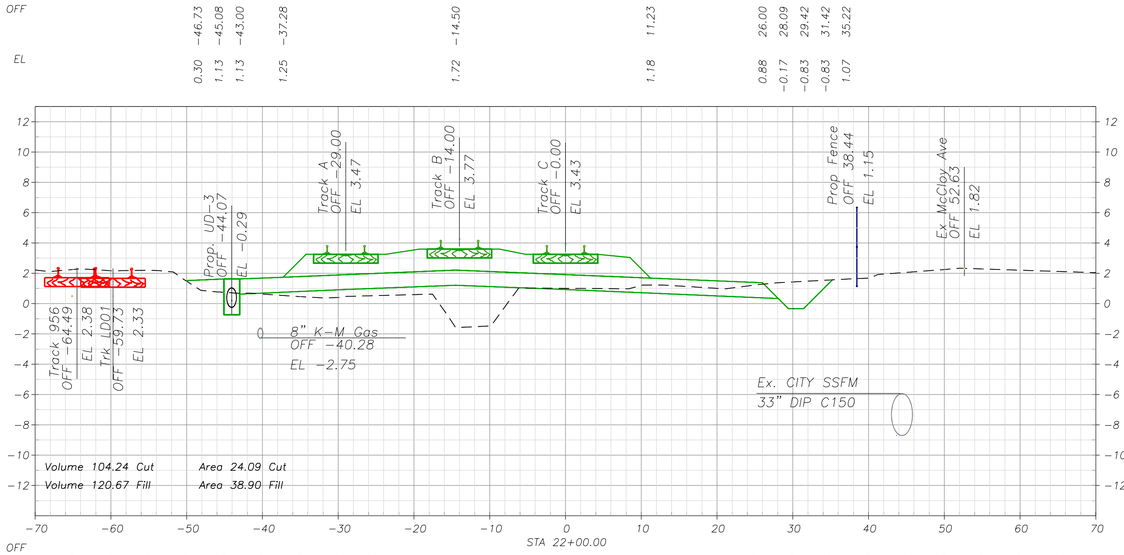
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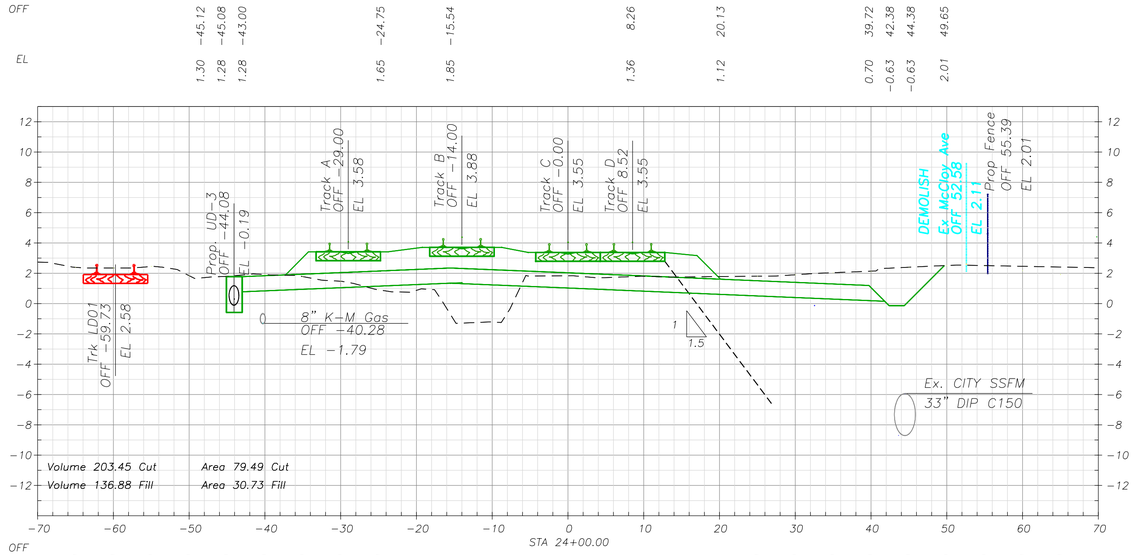
TRACK C CROSS SECTION
STA. 18+00 TO 20+00

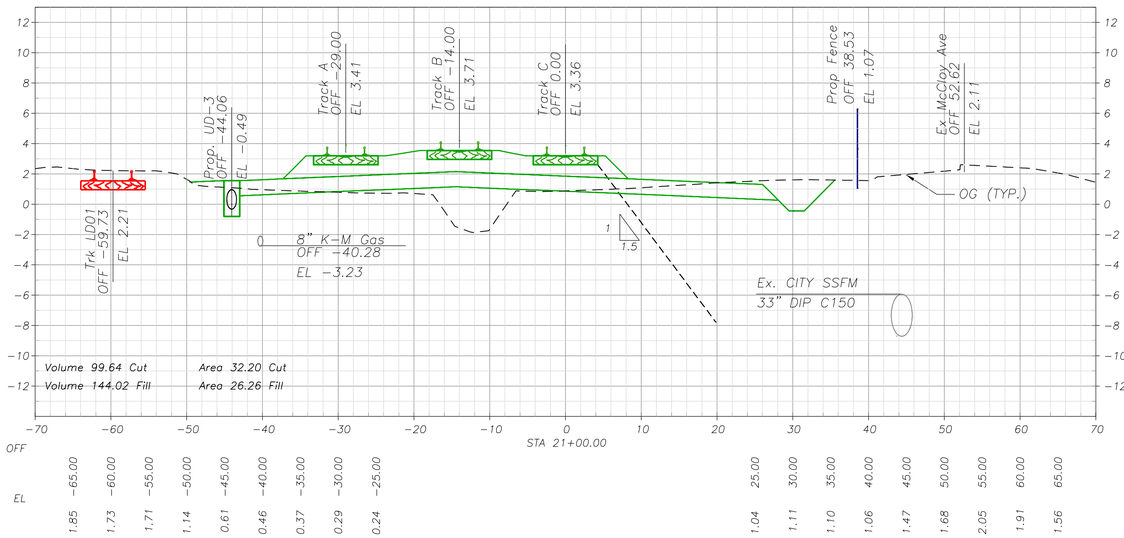
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DATE: 08/31/2026	SHEET 53 OF 68
DESIGNED BY: AG	

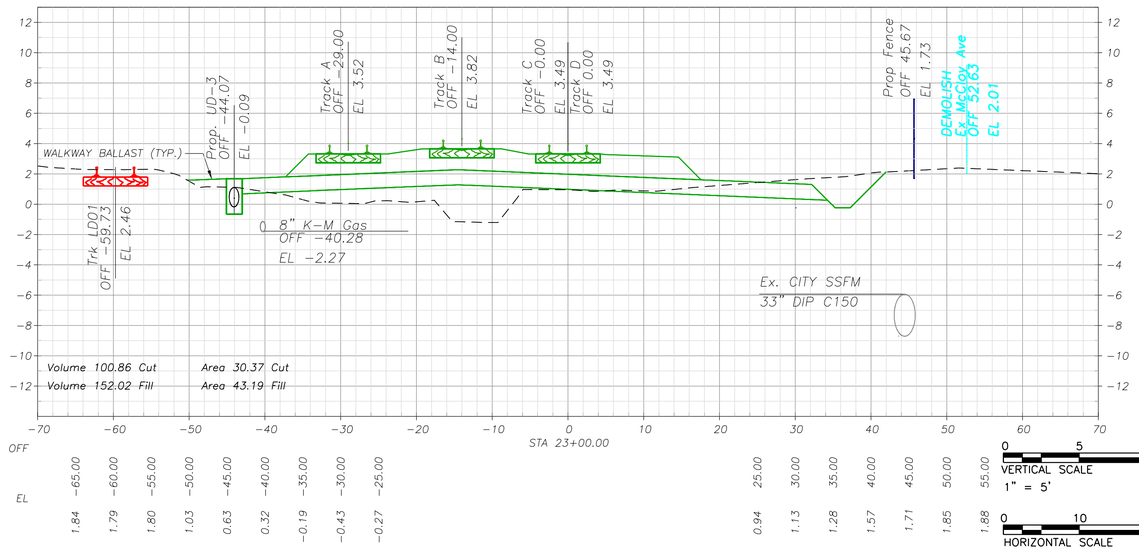
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VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com

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08/31/2026

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0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

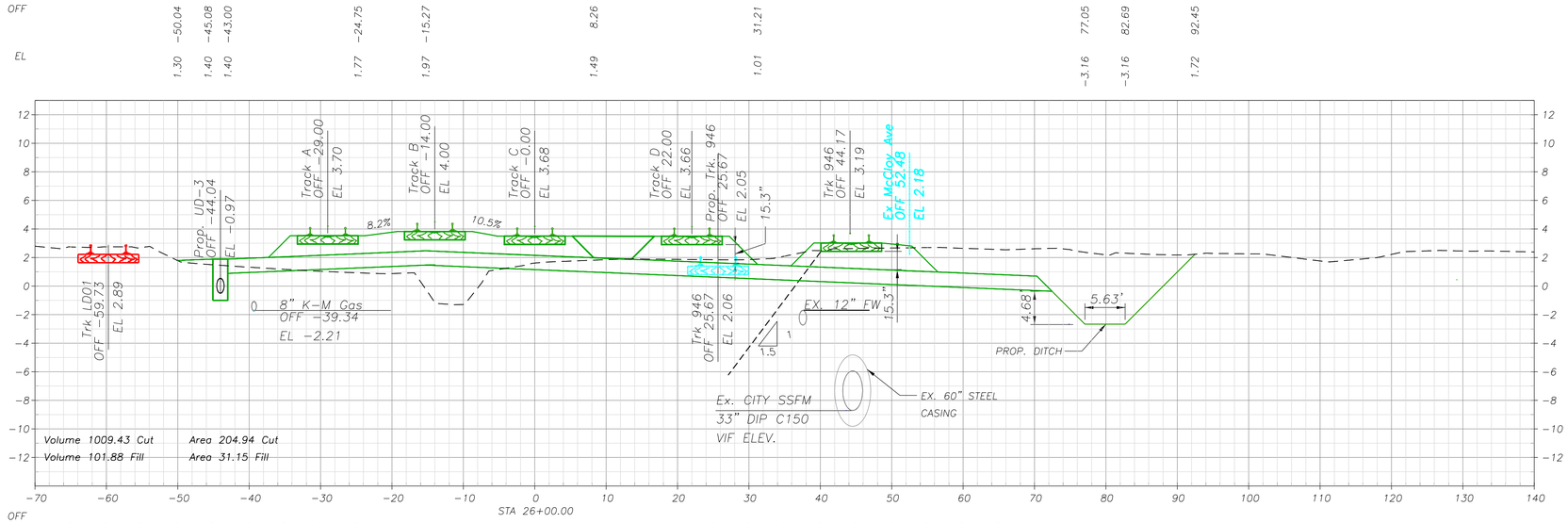
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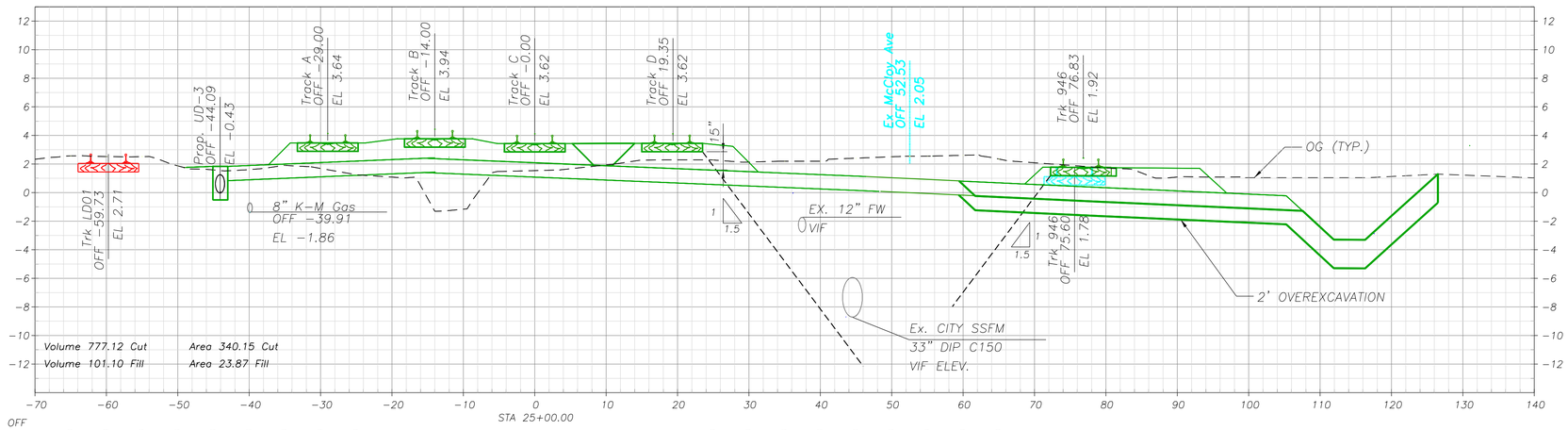
TRACK C CROSS SECTION
STA. 21+00 TO 24+00

PROJ NO: 21273	SHEET NO. CT-808
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 54 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 4:48:33 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPcS/Rail/Sheets/McCloy Yard/CT-800 Trk C





VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

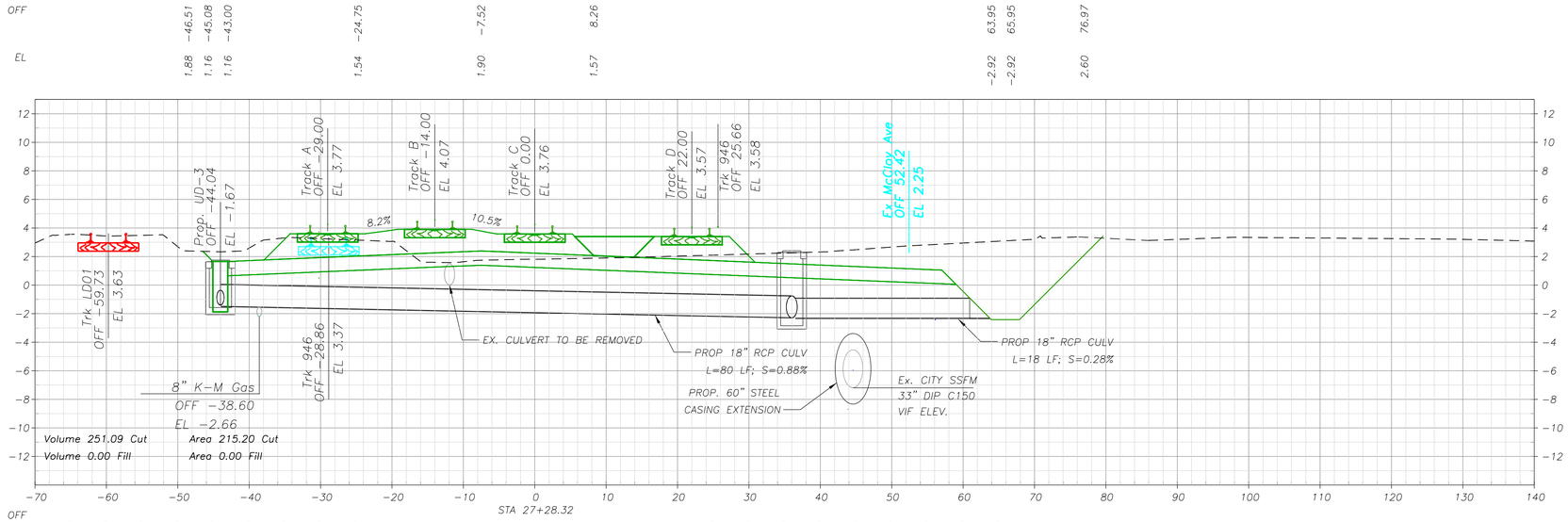
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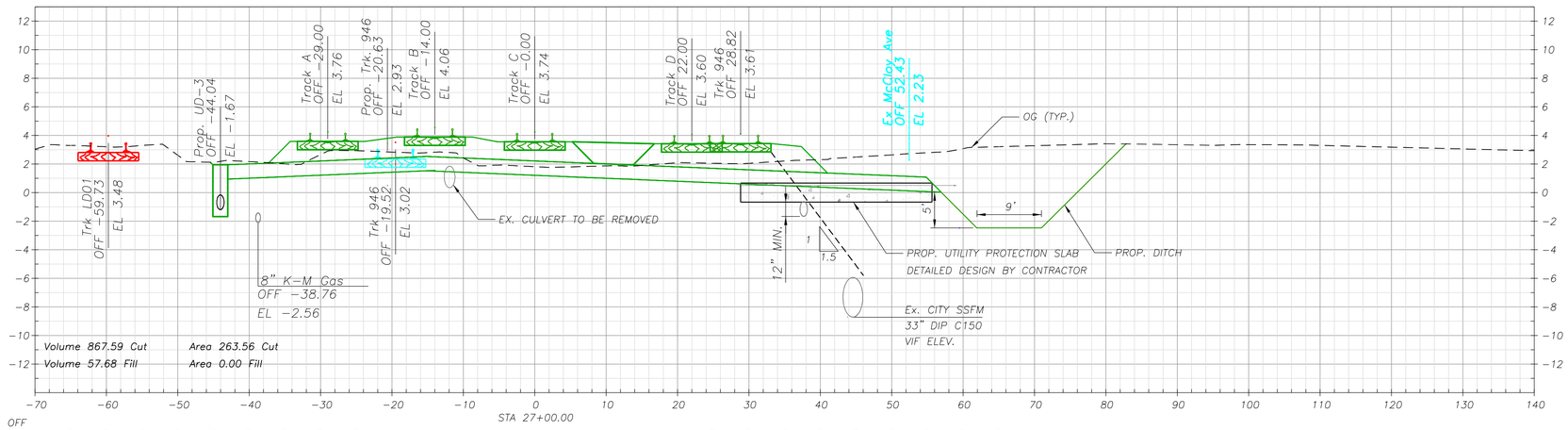
TRACK C CROSS SECTION
STA. 25+00 TO 26+00

PROJ NO: 21273	SHEET NO. CT-809
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 55 OF 68
DESIGNED BY: AG	

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VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

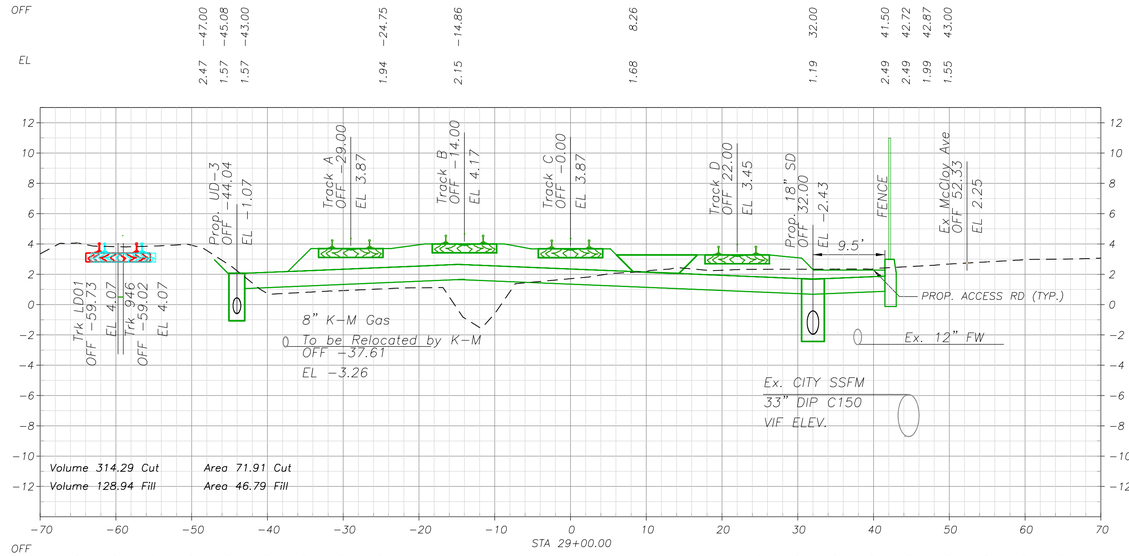
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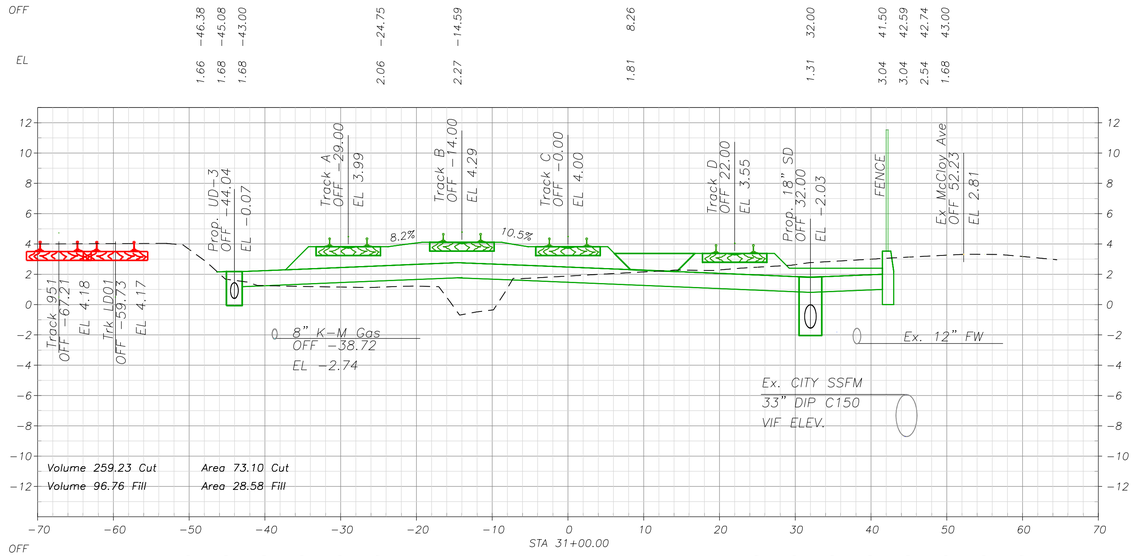
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STA. 27+00 TO 27+28.32

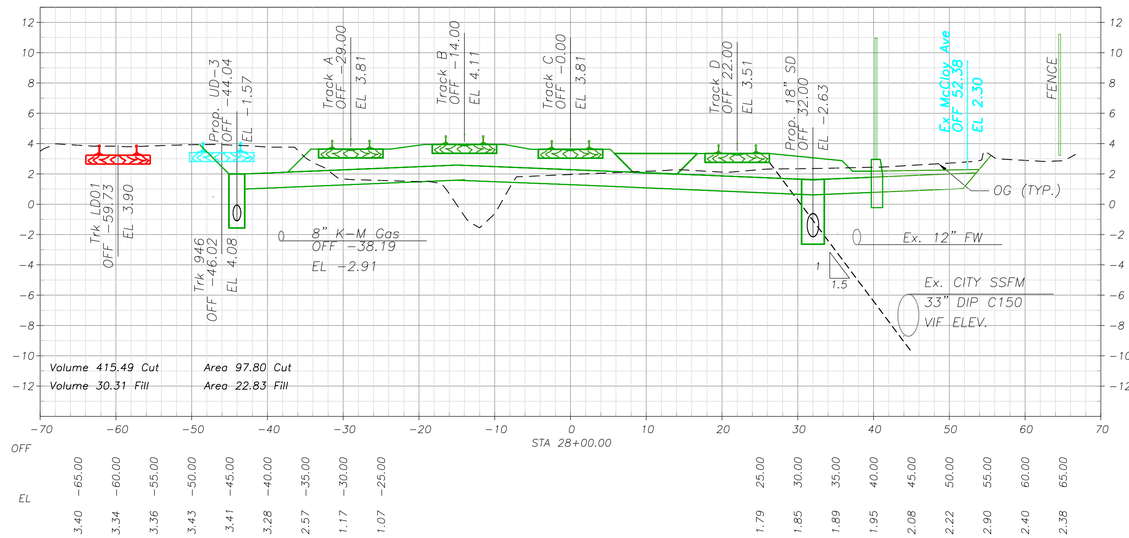
PROJ NO: 21273	SHEET NO. CT-810
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 56 OF 68

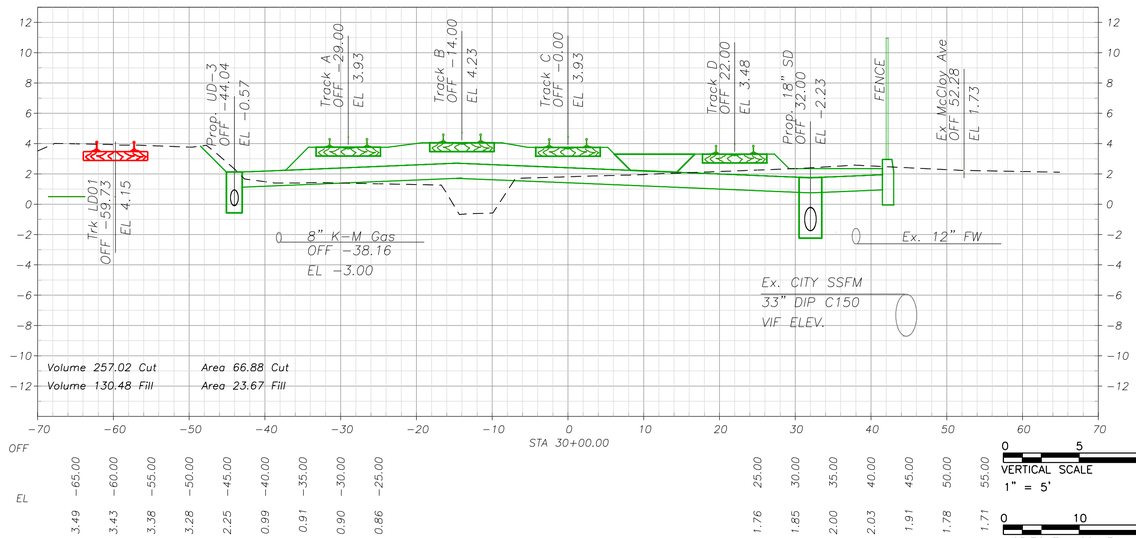
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ArkaGhosh
8:03/2026 - 8:03:02 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRProS/Rail/Sheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

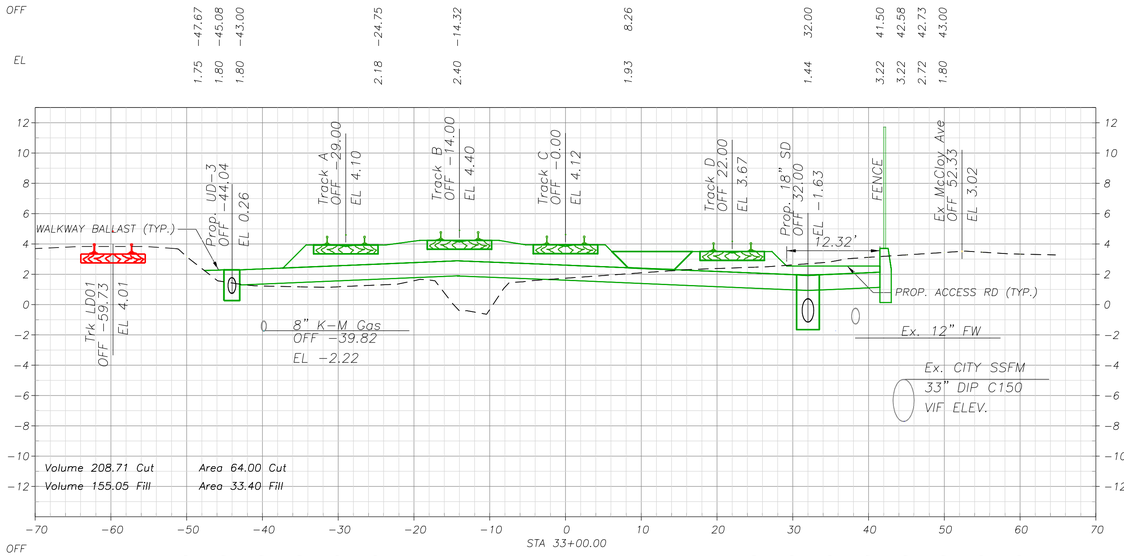
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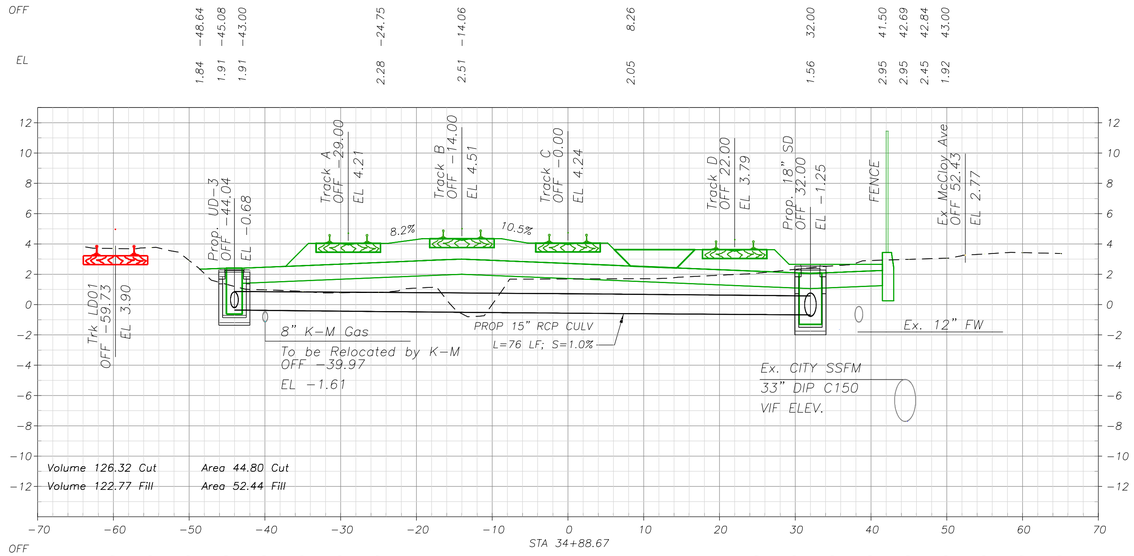
TRACK C CROSS SECTION
STA. 28+00 TO 31+00

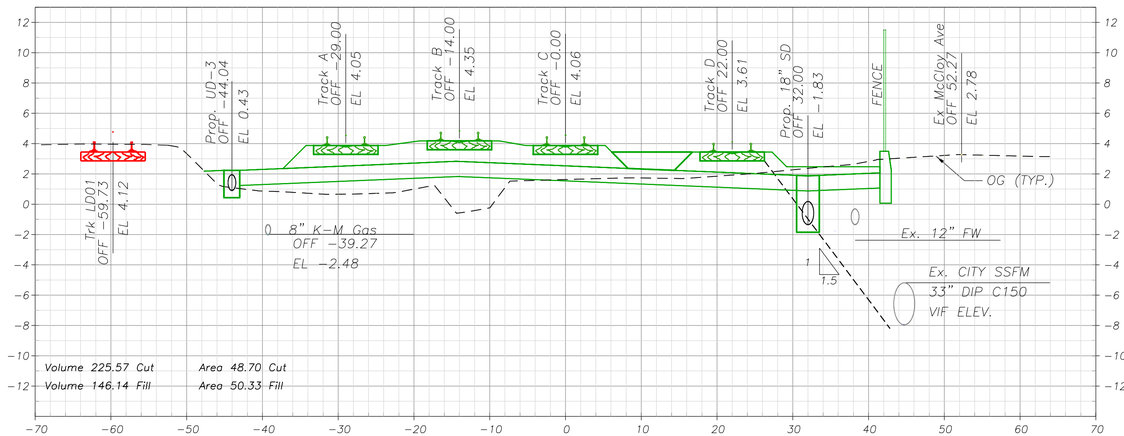
PROJ NO: 21273	SHEET NO. CT-811
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 57 OF 68

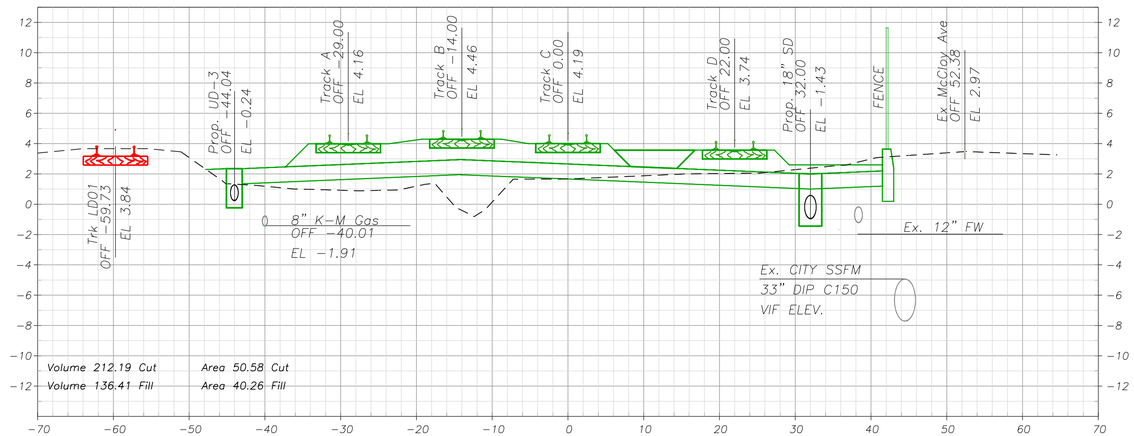
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 5:03:44 PM - pw://JMA-PW/JMA-PW/Documents/Projects/21273-HDRProjS/RailSheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

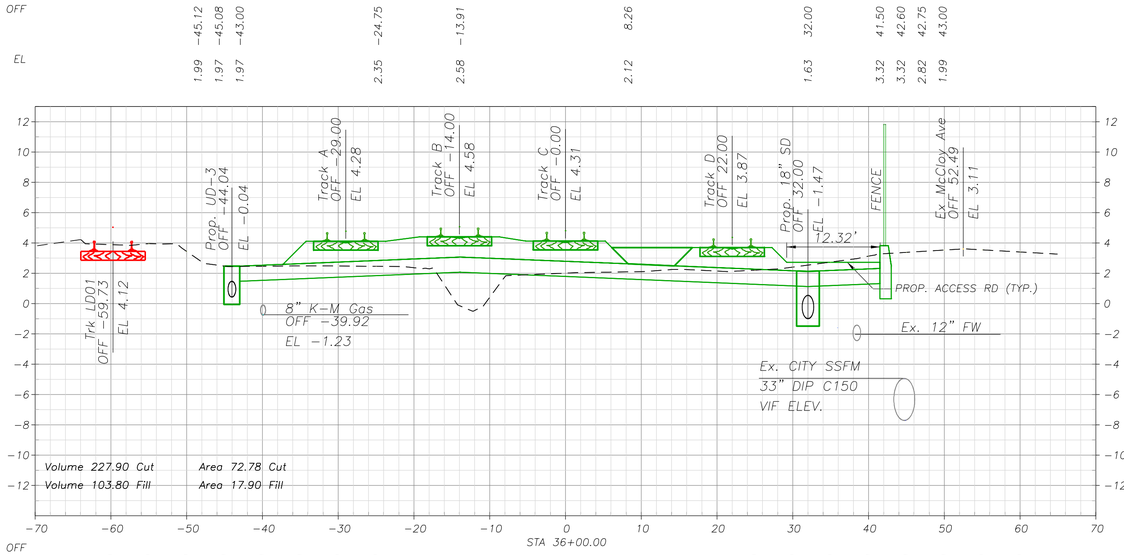
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TRACK C CROSS SECTION
STA. 32+00 TO 34+88.67

PROJ NO: 21273	SHEET NO. CT-812
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 58 OF 68
DESIGNED BY: AG	

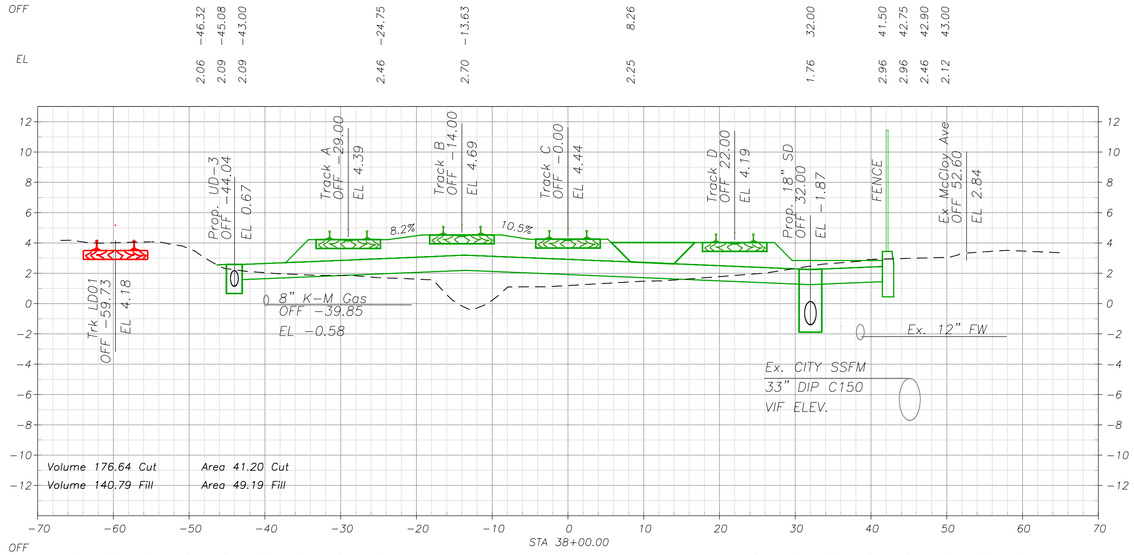
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 8:04:11 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPrjS/Rail/Sheets/McCloy Yard/CT-800 Trk C



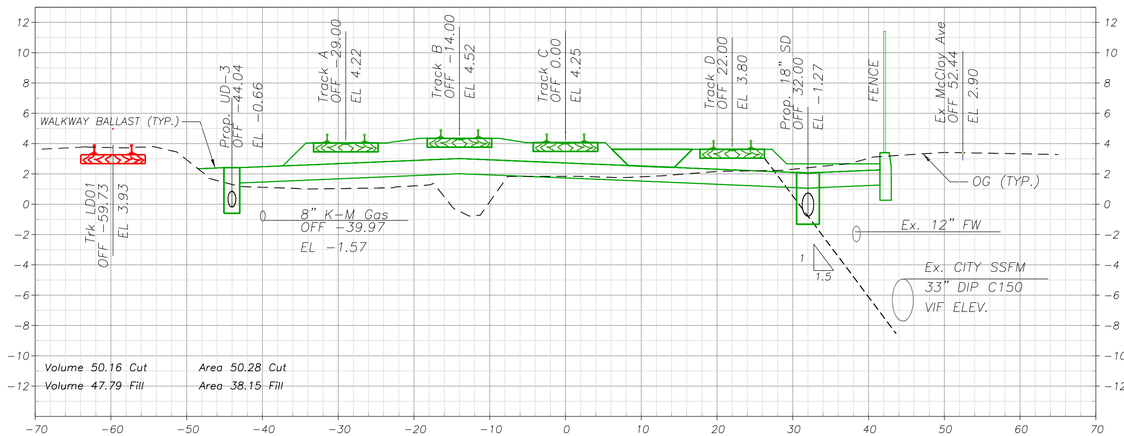
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EL	1.99	1.97	1.97	2.35	2.58	2.12	1.63	3.32	3.32	2.82	1.99

OFF	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
EL	3.39	3.46	2.94	1.98	1.98	1.99	1.98	1.96	1.71	1.92	2.25	2.63	2.89	3.04	3.05	2.91



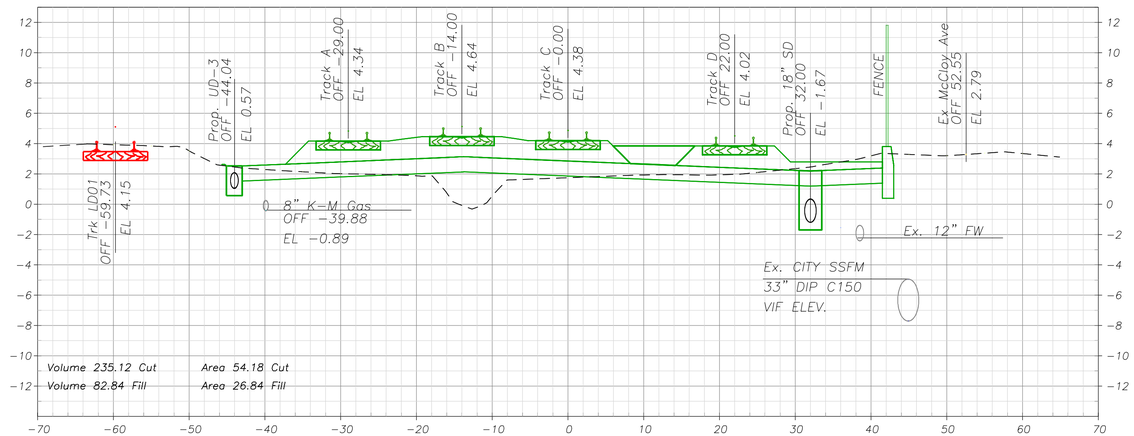
OFF	-46.32	-45.08	-43.00	-24.75	-13.63	8.26	32.00	41.50	42.75	42.90	43.00
EL	2.06	2.09	2.09	2.46	2.70	2.25	1.76	2.96	2.96	2.46	2.12

OFF	-65.00	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
EL	3.65	3.52	3.58	3.13	1.81	1.55	1.41	1.37	1.22	1.48	1.83	2.16	2.42	2.49	2.55	2.92	2.98



OFF	-48.50	-45.08	-43.00	-24.75	-14.04	8.26	32.00	41.50	42.71	42.86	43.00
EL	1.85	1.92	1.92	2.29	2.52	2.06	1.57	2.91	2.91	2.41	1.93

OFF	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
EL	3.25	3.28	2.43	0.94	0.62	0.53	0.54	0.57	1.71	1.82	2.07	2.53	2.76	2.92	2.87	2.83	2.79



OFF	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00
EL	3.44	3.35	3.03	2.03	1.80	1.65	1.52	1.47	1.61	1.86	2.21	2.69	2.79	2.71	2.88

0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:

JMA CIVIL
5250 Claremont Ave, Ste. 227
Stockton, CA 95207
T: 925.400.4356
www.jmacivil.com

SUBCONSULTANT:

HDR
2379 Gateway Oaks, Ste. 200
Sacramento, CA 95833
T: 916.679.8700
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PRIME CONSULTANT:

LICENSED PROFESSIONAL ENGINEER
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C91571
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

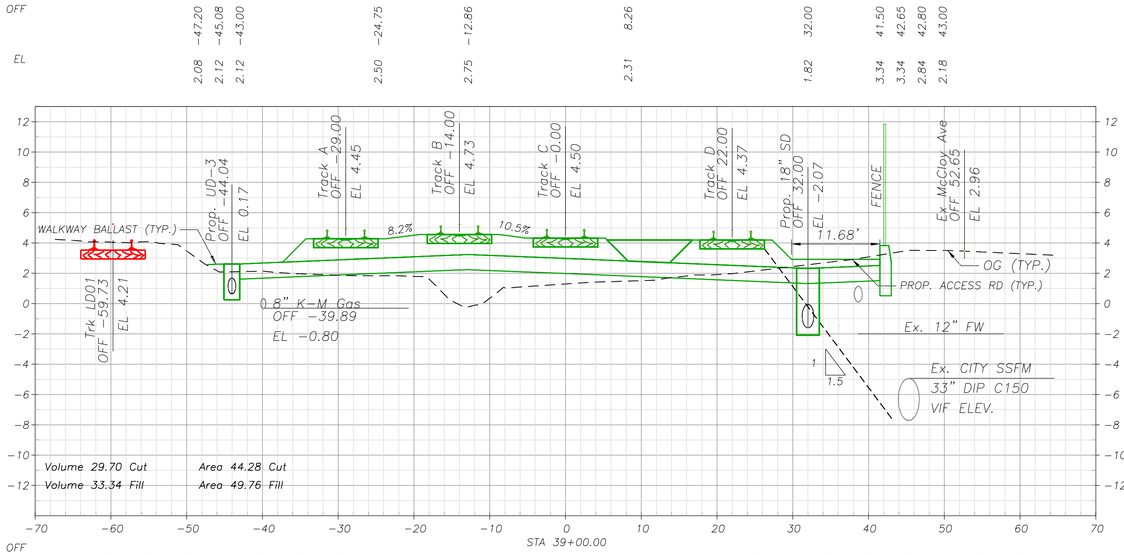
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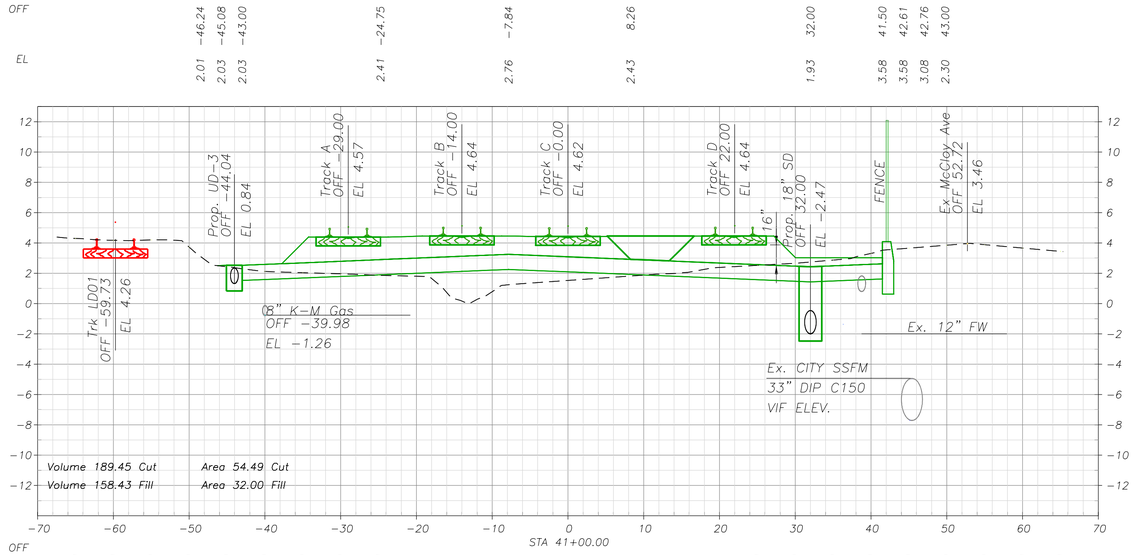
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STA. 35+00 TO 38+00

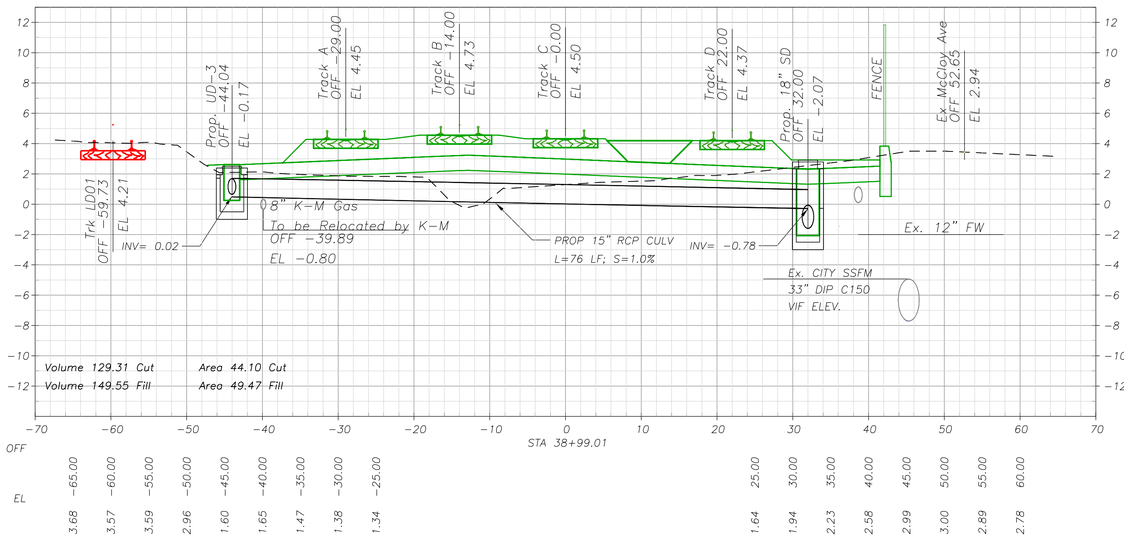
PROJ NO: 21273	SHEET NO. CT-813
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 59 OF 68
DESIGNED BY: AG	

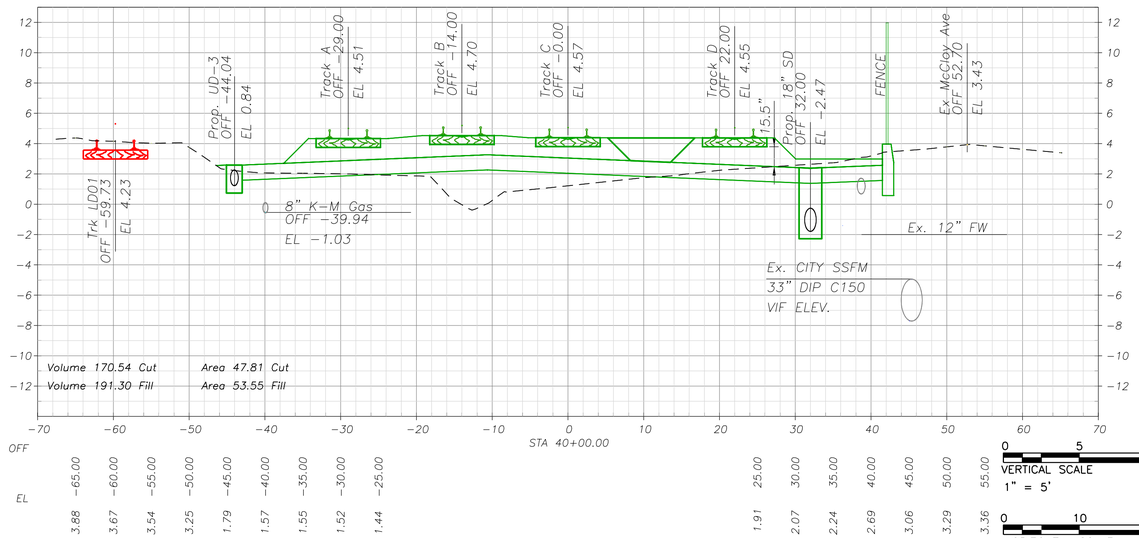
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ArkaGhosh
8/30/2026 - 5:06:42 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPubS/RailSheets/McCloy Yard/CT-800 Trk C









VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

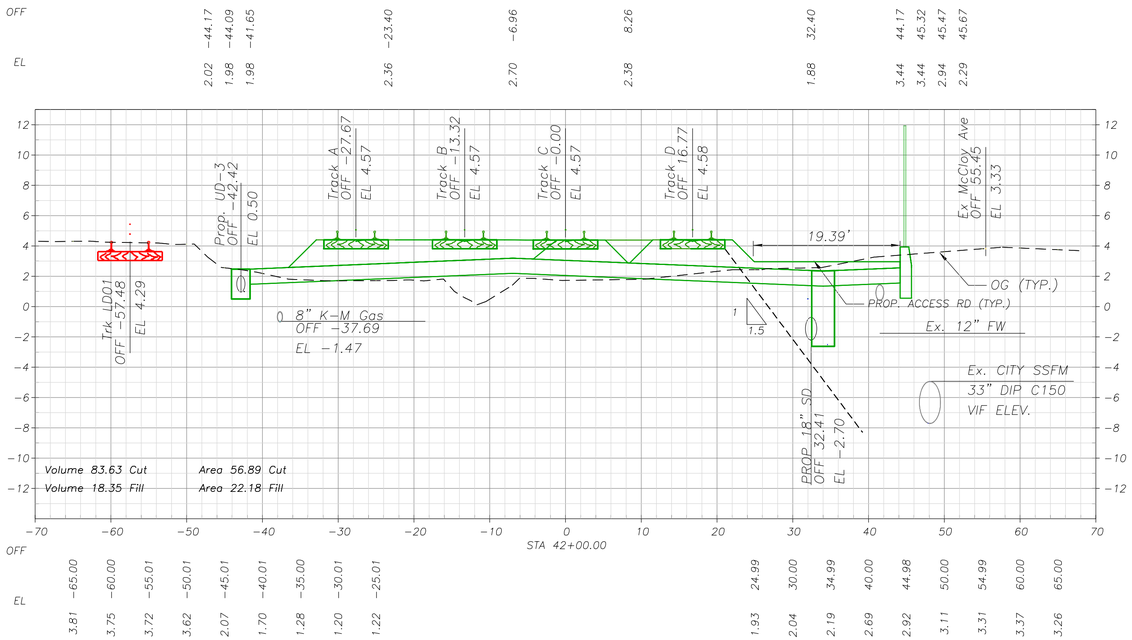
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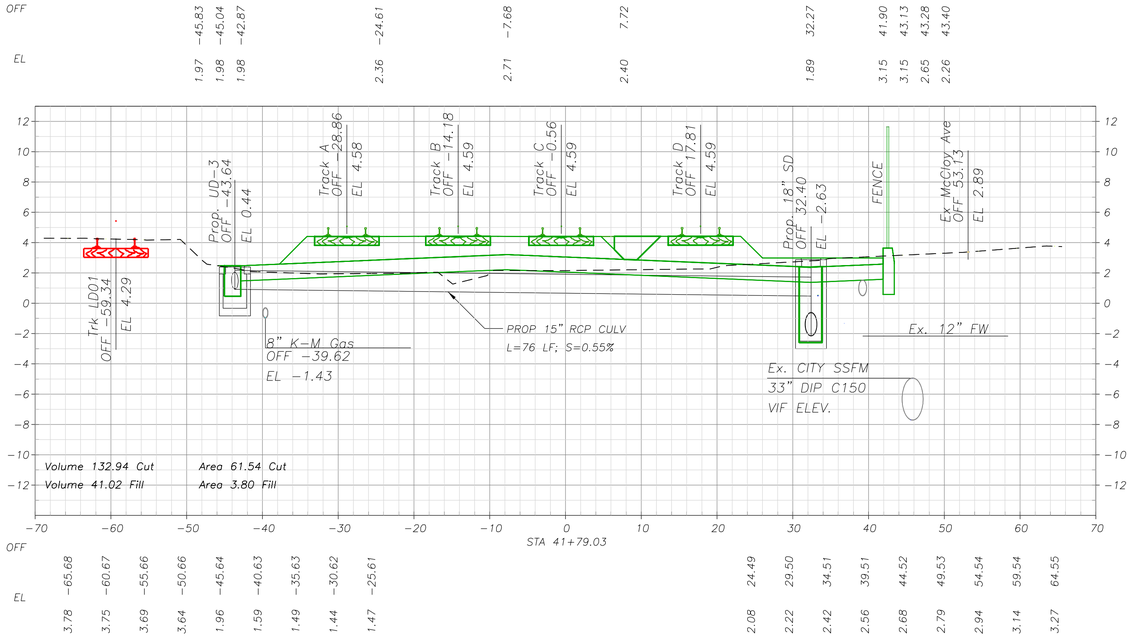
TRACK C CROSS SECTION
STA. 38+99.01 TO 41+00

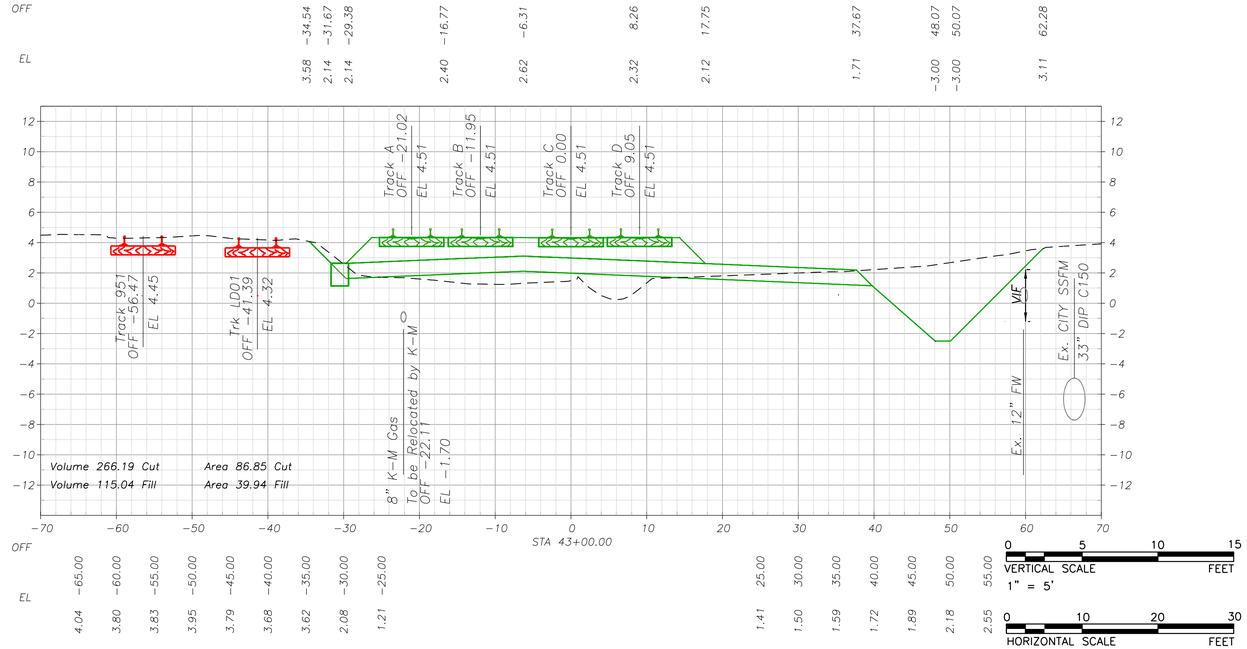
PROJ NO: 21273	SHEET NO. CT-814
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 60 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8:30:26 PM - 8/26/2026 - pw://JMA-PW-APP.jmadvit.com:JMA-PW/Documents/Projects/21273-HDRPubS/Rail/Sheets/McCloy Yard/CT-800 Trk C







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Stockton, CA 95207
T: 925.400.4356
www.jmacivil.com

SUBCONSULTANT:

HDR
2379 Gateway Oaks, Ste. 200
Sacramento, CA 95833
T: 916.679.8700
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PRIME CONSULTANT:

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ARKAPRABHA GHOSH
C91571
Exp. 09/30/28
CIVIL ENGINEER
STATE OF CALIFORNIA

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PORT OF STOCKTON
CALIFORNIA

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

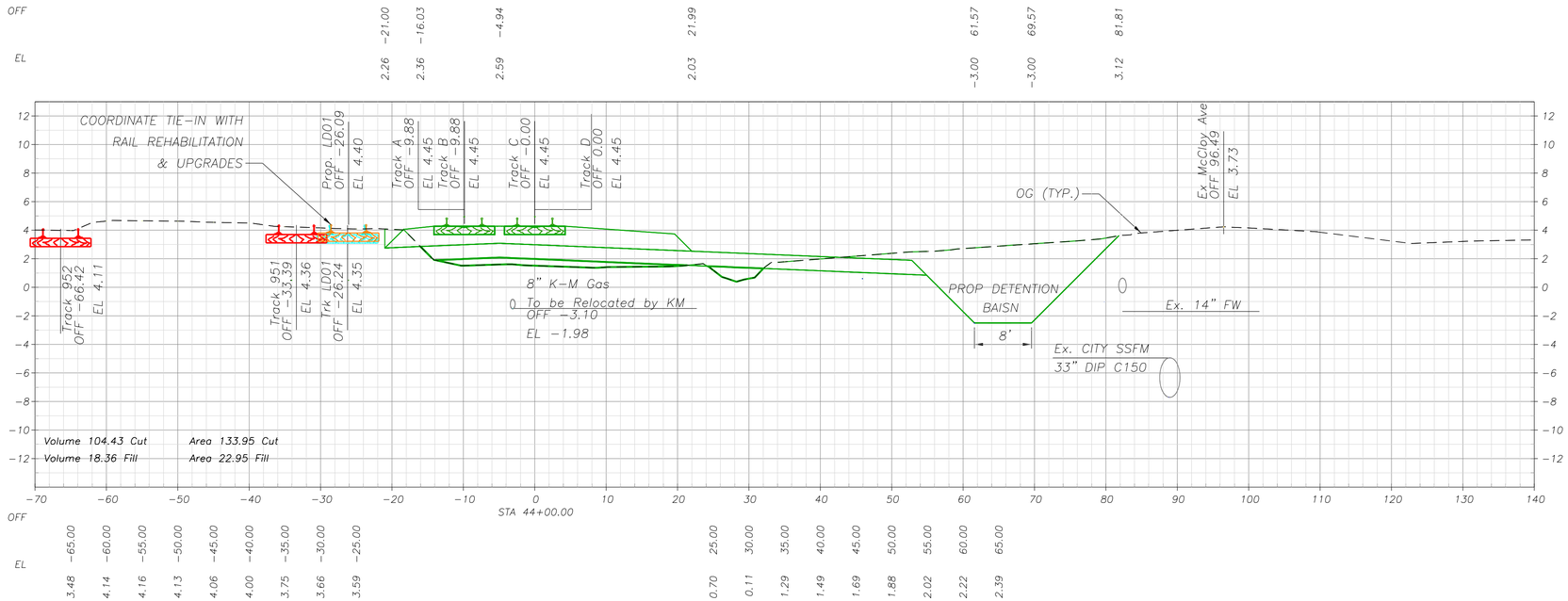
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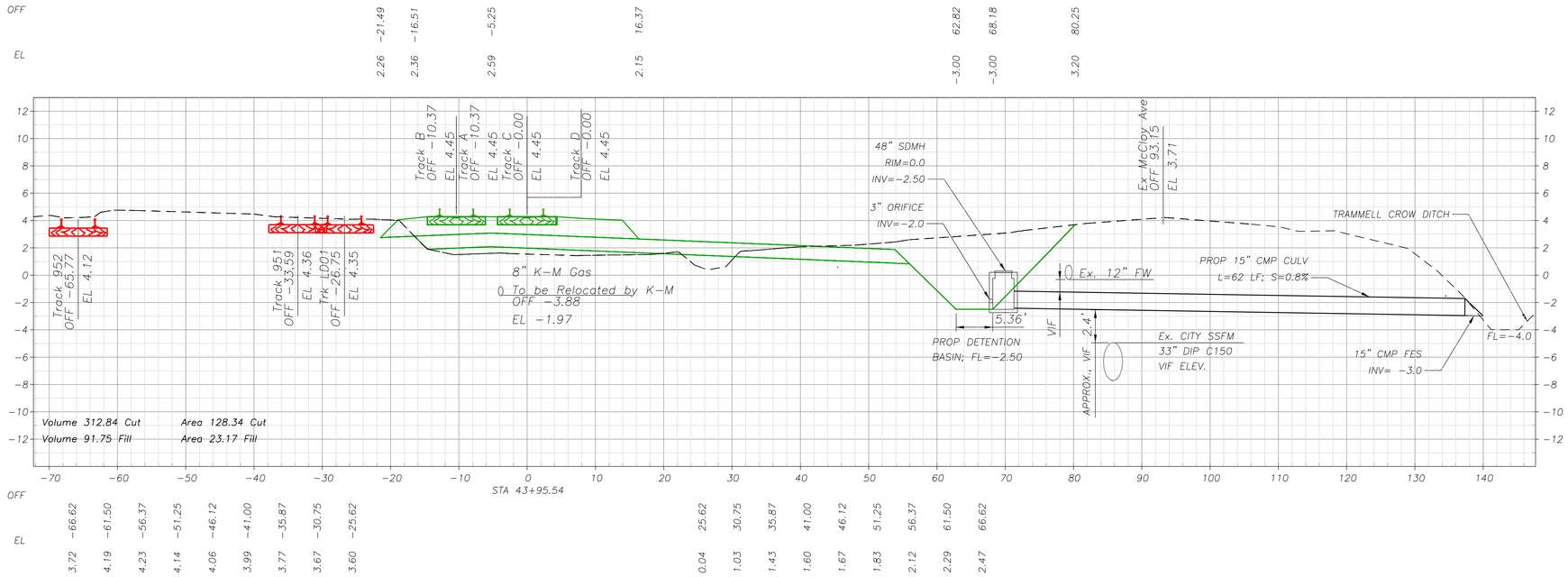
TRACK C CROSS SECTION
STA. 41+79.03 TO 43+00

PROJ NO: 21273	SHEET NO.
SCALE: AS NOTED	CT-815
DATE: 08/31/2026	SHEET 61 OF 68
DESIGNED BY: AG	

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ArkaGhosh
8/30/2026 - 8:07:07 PM - pw://JMA-PW-APP.jmadvlt.com:JMA-PW/Documents/Projects/21273-HDRPrjS/RailSheets/McCloy Yard/CT-800 Trk C





0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

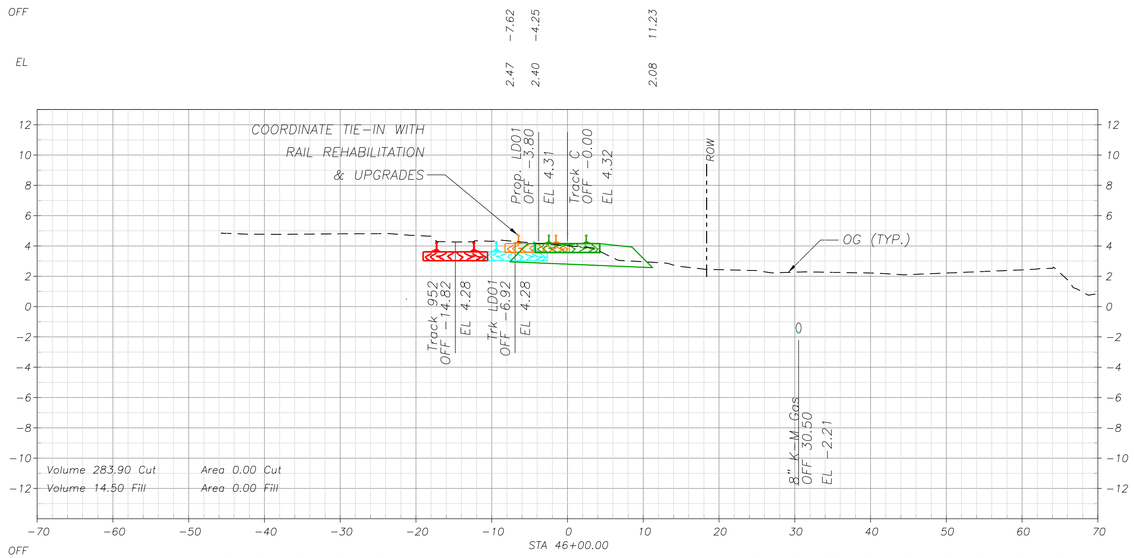
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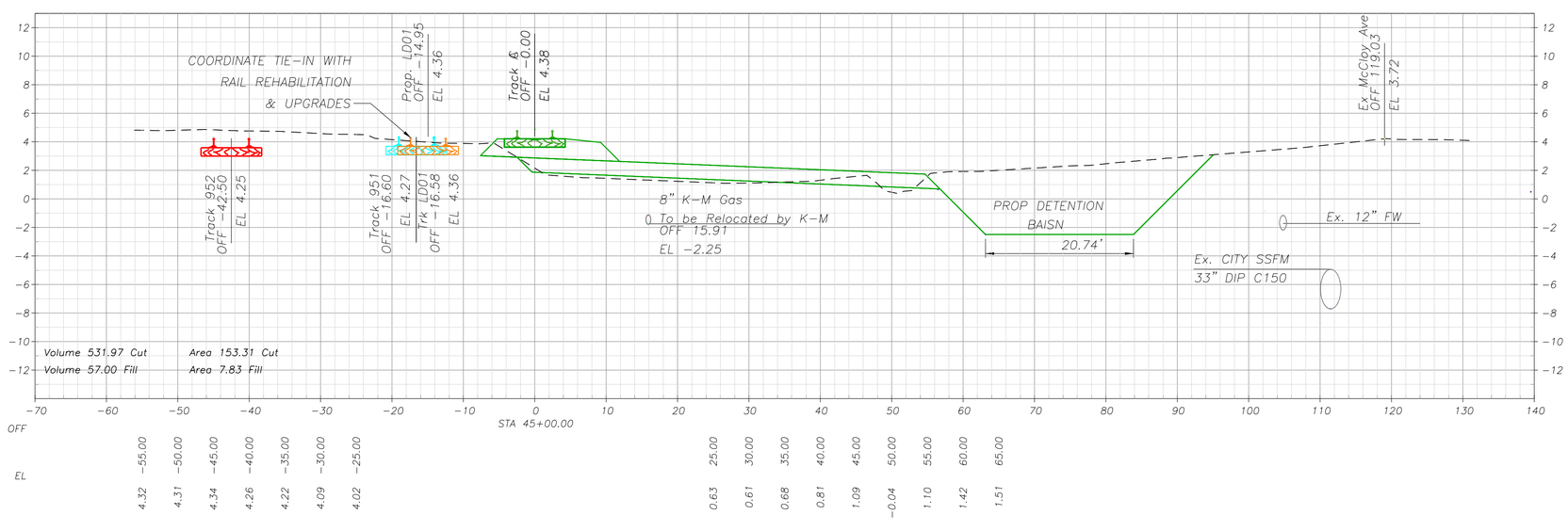
TRACK C CROSS SECTION
STA. 43+95.54 TO 44+00

PROJ NO: 21273	SHEET NO. CT-816
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 62 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 6:14:15 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPotS/Rail/Sheets/McCloy Yard/CT-800 Trk C





VERTICAL SCALE 1" = 5'

HORIZONTAL SCALE 1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com

PROFESSIONAL SEAL: LICENSED PROFESSIONAL ENGINEER — ARKAPRABHA GHOSH — C91571 — Exp. 09/30/28 — CIVIL ENGINEER — STATE OF CALIFORNIA

ISSUE: ISSUED FOR BID — NOT FOR CONSTRUCTION — 08/31/2026

REVISIONS:

MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

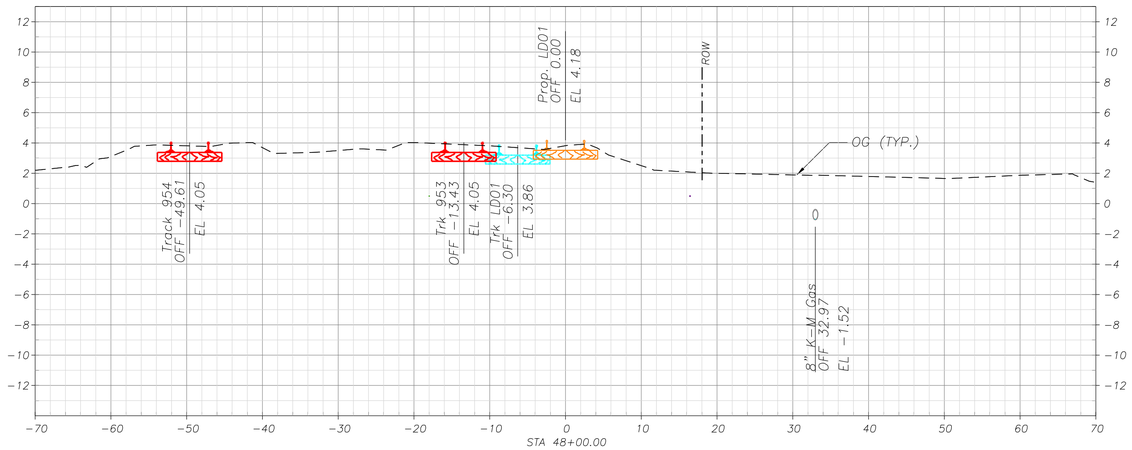
315 WEST FYFFE STREET
STOCKTON, CA 95203

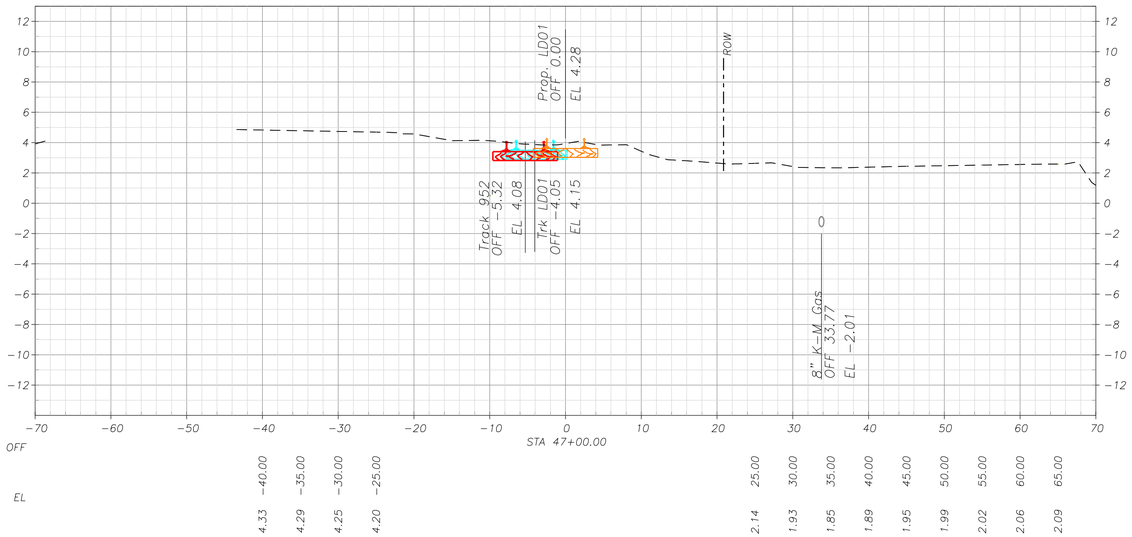
SHEET TITLE: TRACK C CROSS SECTION STA. 45+00 TO 46+00

PROJ NO: 21273	SHEET NO. CT-817
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 63 OF 68
DESIGNED BY: AG	

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 5:16:35 PM - pw://JMA-PW/JAPP.jmadivil.com:JMA-PW/Documents/Projects/21273-HDRPotS/Rail/Sheets/McCloy Yard/CT-800 Trk C





VERTICAL SCALE 1" = 5' (0, 5, 10, 15 FEET)

HORIZONTAL SCALE 1" = 10' (0, 10, 20, 30 FEET)

SUBCONSULTANT:

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SUBCONSULTANT:

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PRIME CONSULTANT:

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C91571
Exp. 09/30/28
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STATE OF CALIFORNIA

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MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

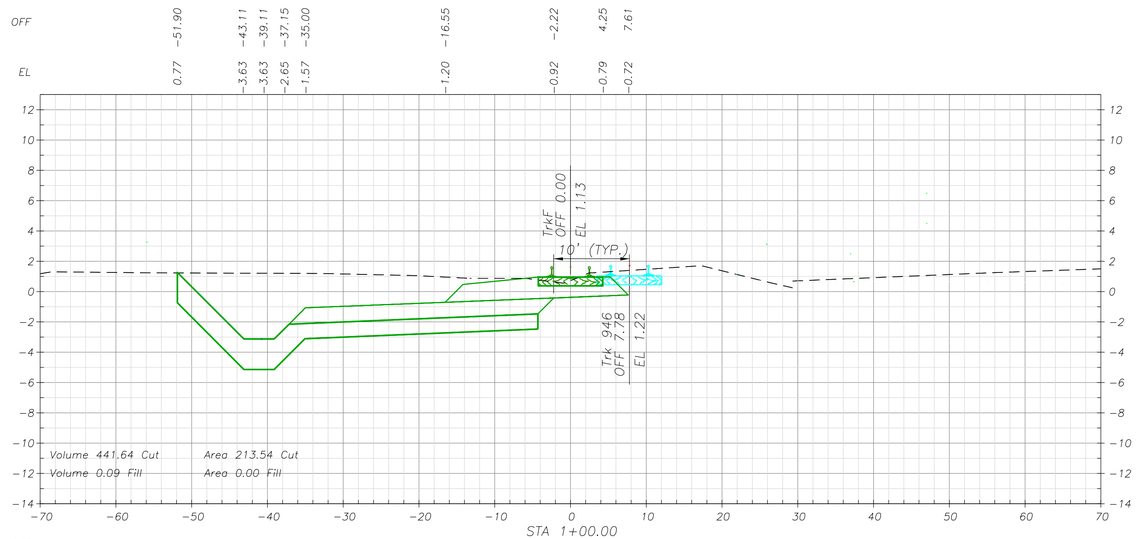
SHEET TITLE:

TRACK C CROSS SECTION
STA. 47+00 TO 48+00

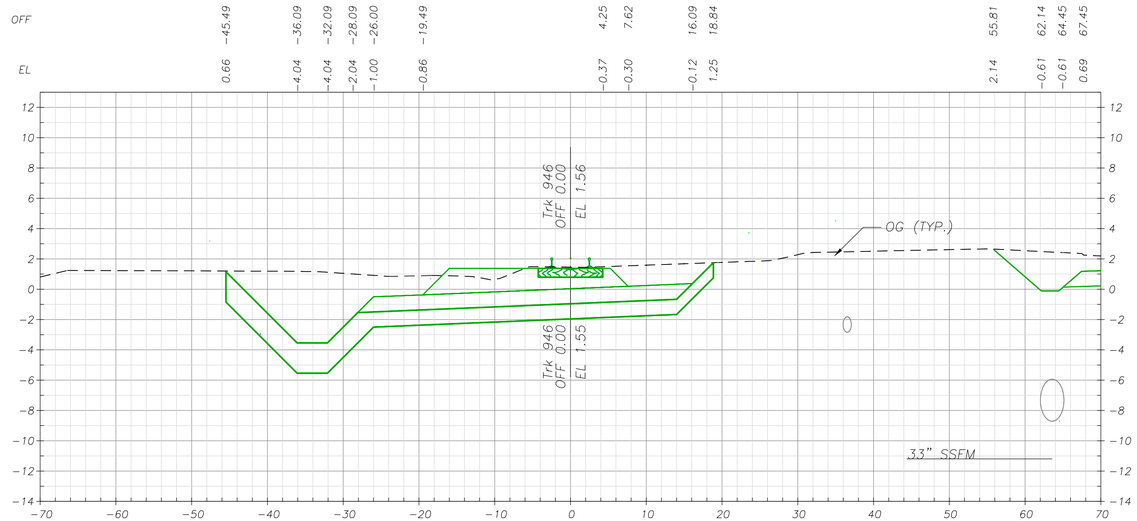
PROJ NO: 21273	SHEET NO. CT-818
SCALE: AS NOTED	
DATE: 08/31/2026	SHEET 64 OF 68
DESIGNED BY: AG	

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

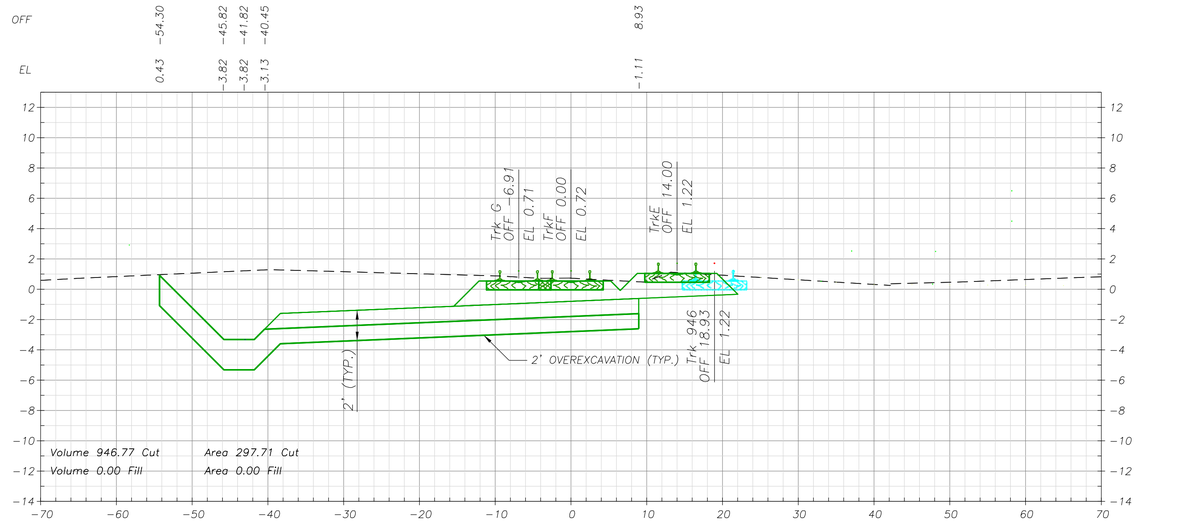
AnkaGhosh
8/30/2026 - 5:17:13 PM - pw://JMA-PW-APP.jmadvil.com:JMA-PW/Documents/Projects/21273-HDR/Civil/Rail/Sheets/McCloy YardCT-800 Trk C



OFF	−65.00	−60.00	−55.00	−50.00	−45.00	−40.00	−35.00	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
EL	0.79	0.77	0.74	0.74	0.73	0.72	0.71	0.67	0.61	0.55	0.42	0.39	0.30	0.26	0.89	1.07	1.43	0.75	0.25	0.20	0.19	0.17	0.16	0.16	0.15	0.12	−0.02



OFF	−65.00	−60.00	−55.00	−50.00	−45.00	−40.00	−35.00	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
EL	0.88	0.96	0.81	0.73	0.61	0.41	0.21	0.00	0.13	0.39	0.46	0.25	1.09	1.10	1.08	1.07	1.18	1.28	1.37	1.79	1.30	1.25	1.60	2.03	2.26	2.05	1.92



OFF	−65.00	−60.00	−55.00	−50.00	−45.00	−40.00	−35.00	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00
EL	0.79	0.85	0.88	0.92	0.95	0.99	1.01	1.02	0.84	0.19	−0.11	−0.15	−0.15	−0.15	−0.15	0.04	0.65	0.69	0.27	0.12	−0.03	−0.18	−0.18	−0.21	−0.23

0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:	ISSUE:	REVISIONS:

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C91571
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CIVIL ENGINEER
STATE OF CALIFORNIA

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MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

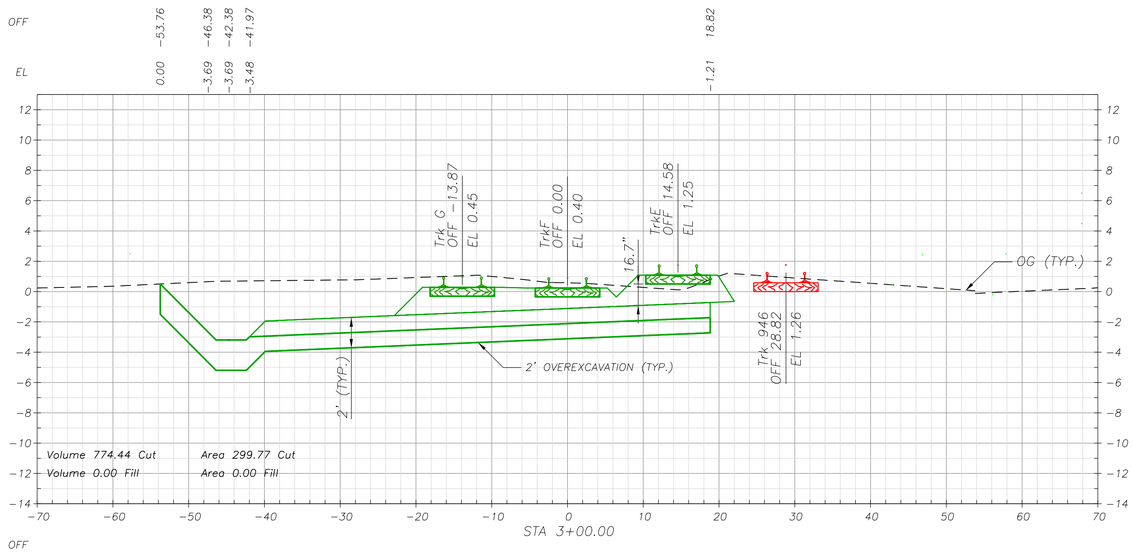
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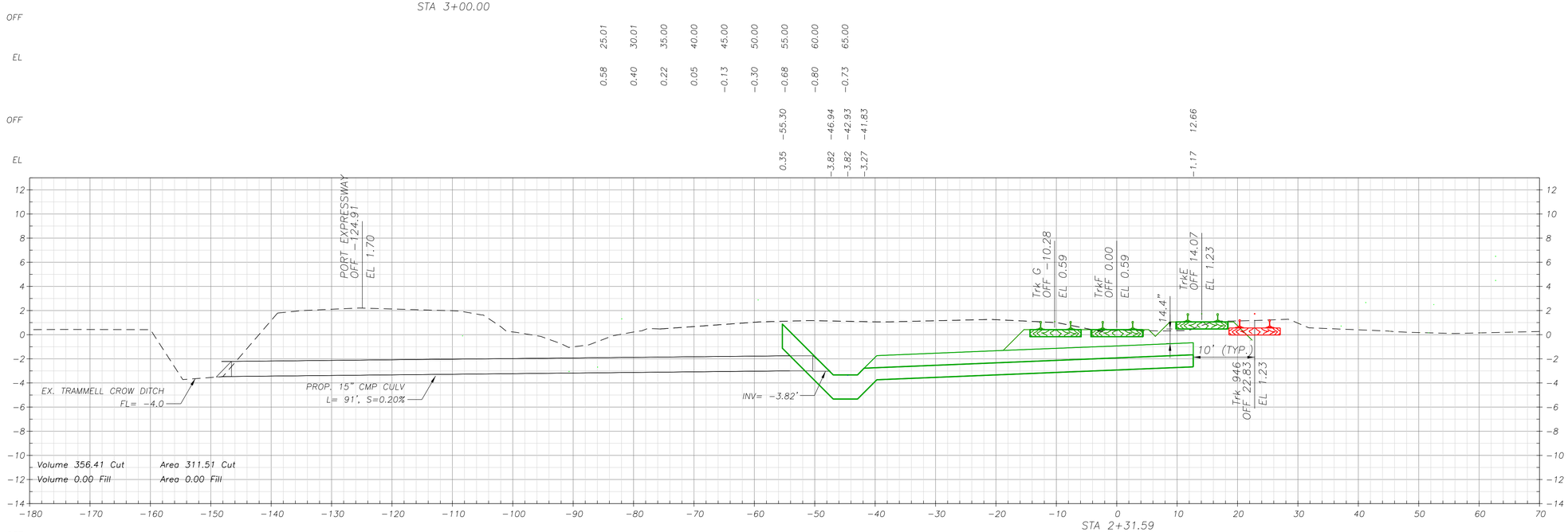
TRACK F CROSS SECTION
STA. 0+00 TO 2+00

PROJ NO: 21273	SHEET NO. CT-820
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 65 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 5:18:43 PM - pw://JMA-PW/JMA-PW.pwjmadivil.com:JMA-PW/Documents/Projects/21273-HDRPrjS/Rail/Sheets/McCloy Yard/CT-800 Trk F





0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

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5250 Claremont Ave, Ste. 227
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LICENSED PROFESSIONAL ENGINEER
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MARK	DATE	DESCRIPTION
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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

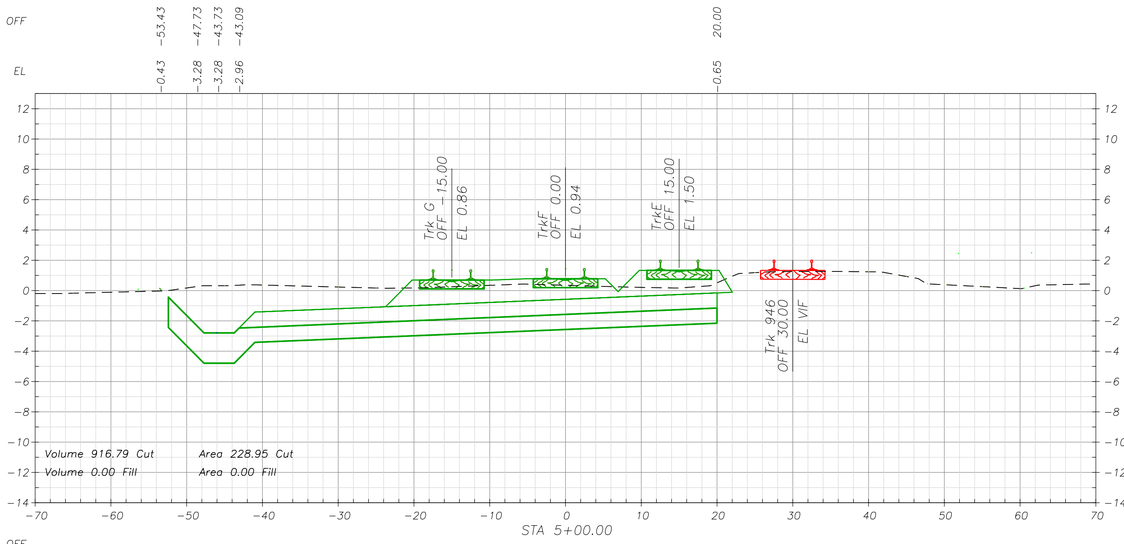
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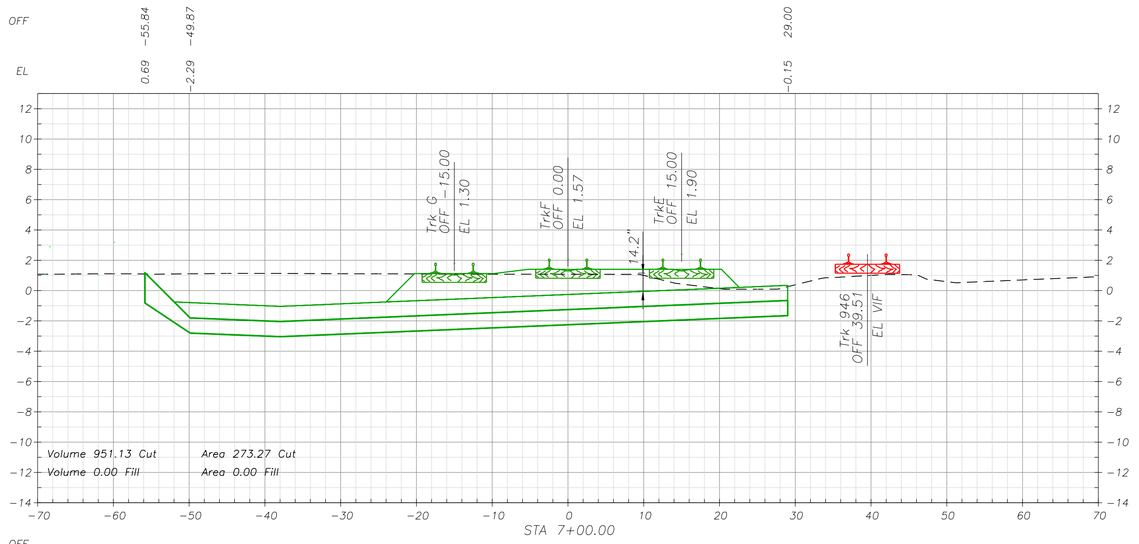
TRACK F CROSS SECTION
STA. 2+31.59 TO 3+00

PROJ NO: 21273	SHEET NO.
SCALE: AS NOTED	CT-821
DATE: 08/31/2026	SHEET 66 OF 68
DESIGNED BY: AG	

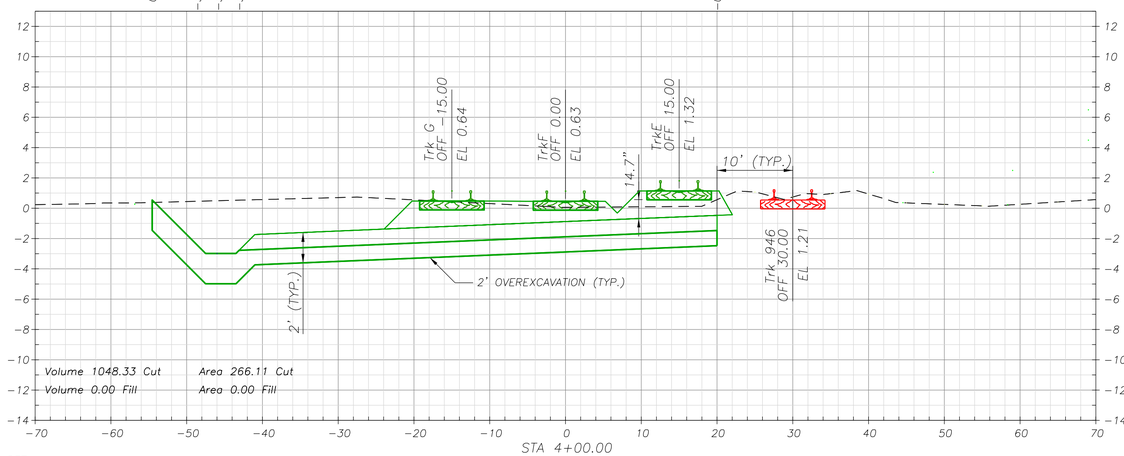
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

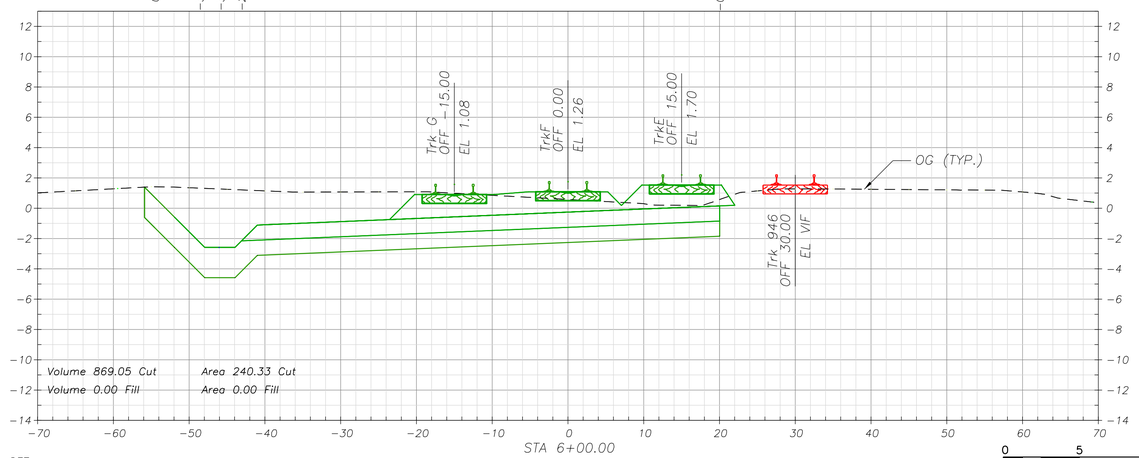
ArkaGhosh
8/30/2026 - 5:24:12 PM - pw://JMA-PW/JMA-PW/Documents/Projects/21273-HDRPoSJ/Rail/Sheets/McCloy Yard/CT-800 Trk F





OFF	-65.00	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
EL	-0.64	-0.51	-0.37	-0.23	-0.17	-0.13	-0.20	-0.26	-0.32	-0.35	0.39	0.45	0.48	0.44	0.41	0.43	0.42	0.69	0.77	0.77	0.75	0.44	-0.10	-0.23	-0.36	-0.10





OFF	-65.00	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
EL	0.25	0.13	0.06	-0.20	-0.50	-0.46	-0.24	-0.05	0.00	-0.02	-0.04	-0.06	-0.05	-0.10	-0.48	-0.50	-0.41	0.57	0.25	0.46	0.44	-0.14	-0.24	-0.35	-0.23	-0.08	
EL	0.66	0.79	0.92	0.86	0.75	0.65	0.57	0.58	0.59	0.53	0.53	0.51	0.52	0.47	0.14	-0.21	-0.40	0.65	0.78	0.77	0.75	0.73	0.71	0.71			

0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:	PROFESSIONAL SEAL:	ISSUE:	REVISIONS:

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MARK	DATE	DESCRIPTION
0	08/31/26	ISSUED FOR BID

PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

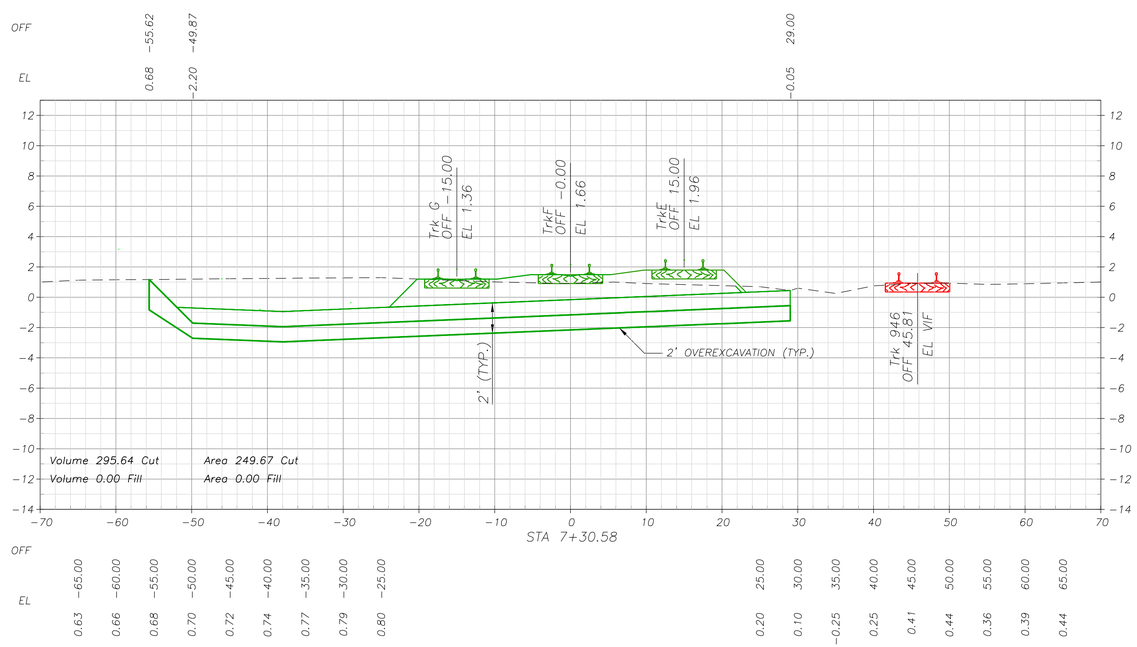
SHEET TITLE:

TRACK F CROSS SECTION
STA. 4+00 TO 7+00

PROJ NO: 21273	SHEET NO.
SCALE: AS NOTED	CT-822
DATE: 08/31/2026	SHEET 67 OF 68
DESIGNED BY: AG	

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ArkaGhosh
8/30/2026 - 5:25:19 PM - pw://JMA-PW/JMA-PW.jmadivil.com:JMA-PW/Documents/Projects/21273-HDR/Rail/Sheets/McCloy Yard/CT-800 Trk F



0 5 10 15
VERTICAL SCALE FEET
1" = 5'

0 10 20 30
HORIZONTAL SCALE FEET
1" = 10'

SUBCONSULTANT:	SUBCONSULTANT:	PRIME CONSULTANT:
	JMA CIVIL 5250 Claremont Ave, Ste. 227 Stockton, CA 95207 T: 925.400.4356 www.jmacivil.com	HDR 2379 Gateway Oaks, Ste. 200 Sacramento, CA 95833 T: 916.679.8700 www.hdrinc.com

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PORT OF STOCKTON
McCLOY RAIL YARD

315 WEST FYFFE STREET
STOCKTON, CA 95203

SHEET TITLE:
TRACK F CROSS SECTION
STA. 7+30.58

PROJ NO: 21273	SHEET NO. CT-823
SCALE: AS NOTED	
DATE: 08/31/2026	
DESIGNED BY: AG	SHEET 68 OF 68

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

ArkaGhosh
8/30/2026 - 5:26:18 PM - pw://JMA-PW-APP.jmadvit.com:JMA-PW/Documents/Projects/21273-HDR/PoS/Rail/Sheets/McCloy Yard/CT-800 Trk F