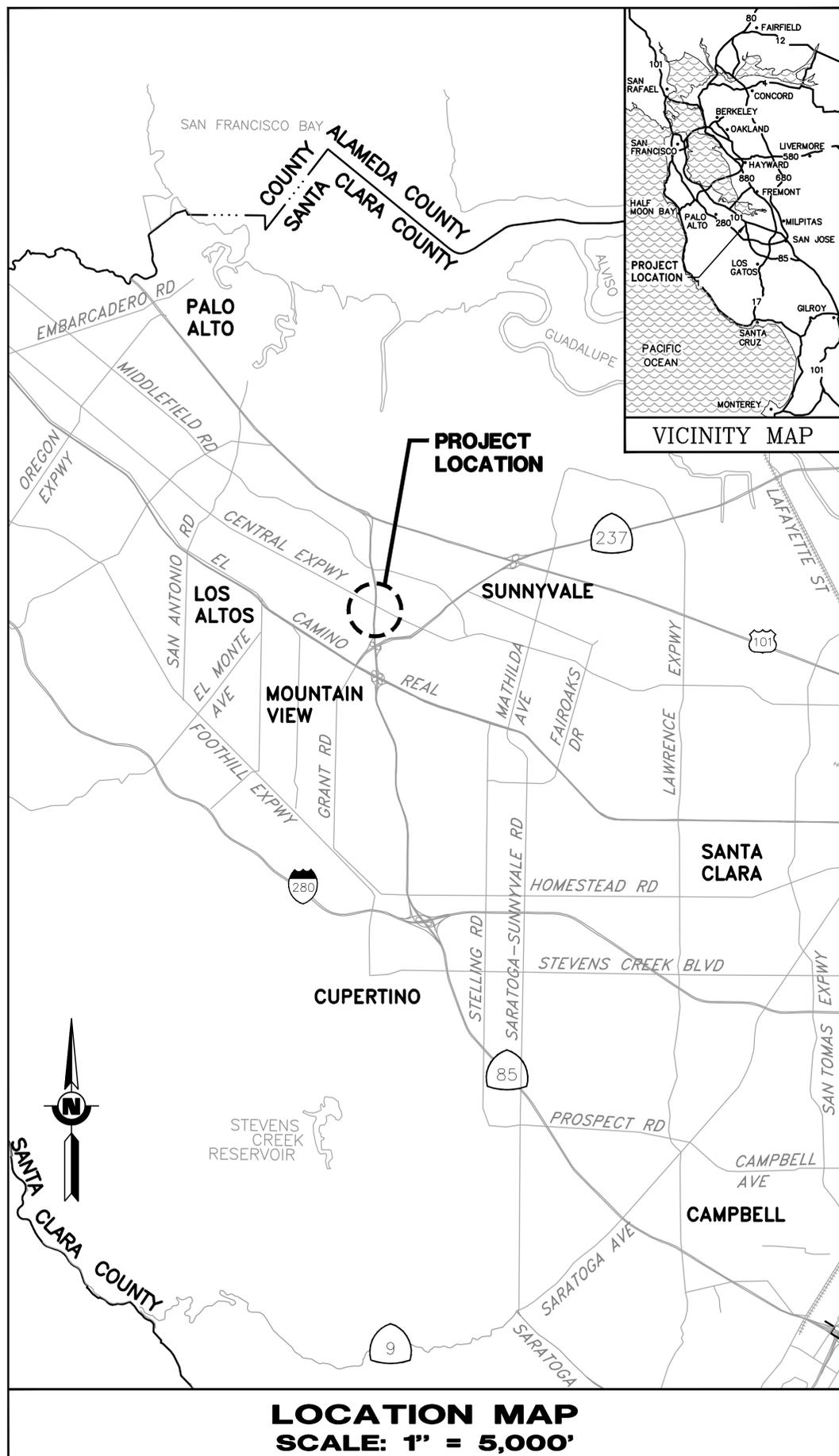


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DOCUMENT NUMBER: STV\_LP-G-1029-84696



**LOCATION MAP**  
SCALE: 1" = 5,000'

# MAP AND CONSTRUCTION PLAN

## FOR STEVENS CREEK EVELYN AVENUE

### FISH PASSAGE PROJECT MOUNTAIN VIEW, CALIFORNIA

SANTA CLARA VALLEY WATER DISTRICT



PREPARED BY:  
*Denis Ruttenberg* 04/07/2025  
DATE  
DENIS RUTTENBERG, P.E.  
ASSOCIATE ENGINEER - CIVIL  
DESIGN AND CONSTRUCTION UNIT 2  
WATERSHED DESIGN AND CONSTRUCTION

APPROVED BY:  
*Karl Neuman* 04/07/2025  
DATE  
KARL NEUMAN, P.E.  
CAPITAL ENGINEERING MANAGER  
DESIGN AND CONSTRUCTION UNIT 2  
WATERSHED DESIGN AND CONSTRUCTION

*Bhavan Yerrapotu* 04/07/2025  
DATE  
BHAVANI YERRAPOTU, P.E.  
DEPUTY OPERATING OFFICER-CIVIL  
WATERSHEDS DESIGN AND CONSTRUCTION DIVISION

ACCEPTED BY:  
*Jennifer Codianne* 04/07/2025  
DATE  
JENNIFER CODIANNE  
DEPUTY OPERATING OFFICER  
WATERSHEDS OPERATION AND MAINTENANCE DIVISION

CONTRACT NUMBER	C-0708
PROJECT NUMBER	62084001
SHEET CODE:	G-01
SHEET NUMBER: 01	
TOTAL SHEETS: 35	

**GENERAL NOTES**

- EXISTING UTILITIES FROM AS-BUILT DRAWINGS SHOWING APPROXIMATE LOCATIONS ARE TO BE VERIFIED BY CONTRACTOR.
- ALL EXISTING FACILITIES, STRUCTURES, TREES, FENCES, LANDSCAPING, ETC., DESIGNATED "EXIST" OR SHOWN EXISTING (DASHED OR SCREENED LINES) ARE TO REMAIN. EXISTING UTILITIES SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES. ONLY THOSE SPECIFICALLY DESIGNATED FOR REMOVAL AS SHOWN ON THE DRAWINGS, OR AS DIRECTED BY THE ENGINEER SHALL BE REMOVED.
- LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE BASED ON INFORMATION FROM THE UTILITY AND ARE TO BE CONSIDERED AS APPROXIMATE ONLY.
- PRIOR TO PERFORMING ANY WORK IN THE VICINITY OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL VERIFY THEIR LOCATIONS AND DEPTHS AND TAKE PROPER PRECAUTIONS TO AVOID ANY DAMAGE TO THEM. CALL UNDERGROUND SERVICE ALERT AT (800) 642-2444 FOR LOCATION.
- THE CONTRACTOR SHALL COMPLY WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- ALL REFERENCES MADE TO RIGHT OR LEFT, AND ALL CROSS SECTIONS SHOWN ON PLAN ARE VIEWED LOOKING UPSTREAM.
- THE CONTRACTOR SHALL INSTALL TEMPORARY FENCES AND OTHER WARNING SIGNS OR DEVICES AS SHOWN ON THE DRAWINGS.
- ALL INCIDENT SOILS REMOVED FROM THE PROJECT SITE ARE TO BE PROPERLY TESTED PRIOR TO DISPOSAL (SEE SPECIFICATIONS). LIMITED TO SAN FRANCISCO BAY WATERSHED. REMOVAL OF SOILS TO BE IN ACCORDANCE WITH ALL STATE AND FEDERAL LAWS.
- THE WORK INCLUDES CONSTRUCTING A ROUGHENED CHANNEL CONSISTING OF CHUTES, POOLS, STRUCTURAL ROCKS, AND BOULDER ERRATICS; CONSTRUCTING SLOPE PROTECTION; INSTALLING A ROOTWAD HABITAT STRUCTURE; RECONFIGURING A BOULDER FLOOD BYPASS WEIR; EROSION CONTROL; AND PLANTING MITIGATION TREES, AS DESCRIBED IN THESE DRAWINGS AND IN THE PROJECT SPECIFICATIONS AND AS NEEDED TO COMPLETE CONSTRUCTION.
- THE WORK SHALL COMPLY WITH ALL PERMIT REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, DEWATERING OF THE WORK AREA, AVOIDANCE OF SENSITIVE HABITAT AREAS, BIOLOGICAL EXCLUSION FENCING AND COORDINATION WITH BIOLOGICAL MONITORING CONSULTANTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES. SPECIAL SAFETY PRECAUTIONS TO BE TAKEN WHEN WORKING IN THE VICINITY OF GAS, OIL AND ELECTRICAL LINES.
- TREES AND BRUSH NOT SHOWN ON THESE PLANS WILL BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR'S ARBORIST SHALL IDENTIFY AND FLAG ALL TREES TO BE PROTECTED FROM DAMAGE PRIOR TO CONSTRUCTION.
- ALTERATION OR DISTURBANCE OF MATURE TREES SHALL BE MINIMIZED TO THAT NECESSARY TO CONSTRUCT THE PROJECT. THE CONTRACTOR SHALL KEEP DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHOWN IN THESE DRAWINGS UNLESS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO THE ENGINEER PRIOR TO ANY REQUIRED INSPECTION.
- CONSTRUCTION MATERIAL AND EQUIPMENT STAGING AREAS SHALL BE LOCATED AS SHOWN IN THESE DRAWINGS. CONSTRUCTION EQUIPMENT SHALL NOT BE STORED OUTSIDE OF IDENTIFIED STORAGE AREAS, UNLESS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL PROTECT ALL CONSTRUCTION MATERIALS FROM DAMAGE AT ALL TIMES.
- TO PREVENT THE INTRODUCTION OF PLANT PATHOGENS, PRIOR TO MOBILIZATION ON-SITE INCLUDING STAGING AREAS, CONTRACTOR SHALL DECONTAMINATE THEIR EQUIPMENT:
  - VEHICLES, HEAVY MACHINERY, AND LARGE TOOLS (SUCH AS EXCAVATORS, TRENCHERS, GRADERS, INCLUDING TIRES, TRACKS, UNDERCARRIAGE OF ON-SITE VEHICLES, AND THEIR TOOLS AND IMPLEMENTS) SHALL BE CLEANED FREE OF DEBRIS AND SOIL WITH HIGH PRESSURE WASHER AND/OR COMPRESSED AIR FROM ANY PRIOR WORK SITE PRIOR TO ARRIVING AT THE PROJECT SITE.
  - FOOTWEAR AND SMALL TOOLS (SUCH AS HAND TOOLS, SHOVELS, TROWELS, HOES, AND PERSONNEL BOOTS) SHALL BE THOROUGHLY CLEANED OF DEBRIS AND SOIL PRIOR TO USE WITHIN THE PROJECT SITE.
  - EQUIPMENT AND TOOLS MOVED OFF-SITE AND RETURNED FOR LATER USE WILL AGAIN REQUIRE DECONTAMINATION BY THE CONTRACTOR.
- EQUIPMENT SHALL BE CHECKED AT THE BEGINNING AND END OF EACH WORK DAY FOR LEAKS.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO PETROLEUM PRODUCTS, HYDRAULIC FLUID, SEDIMENTS, CHEMICALS OR ANY OTHER TOXIC MATERIALS ARE ALLOWED TO ENTER OR LEACH INTO THE CREEK.
- IF AT ANY TIME DURING CONSTRUCTION, FISH ARE OBSERVED IN DISTRESS, A FISH KILL IS OBSERVED OR WATER QUALITY PROBLEMS DEVELOP, OPERATIONS SHALL CEASE AND THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. WORK SHALL NOT RESUME UNTIL FURTHER APPROVAL BY THE ENGINEER.

**DESIGN NOTES**

HORIZONTAL DATUM : CALIFORNIA COORDINATE SYSTEM 83  
ZONE III

VERTICAL DATUM : NORTH AMERICAN VERTICAL DATUM 88 (NAVD88).

UNITS OF MEASURE : U.S. SURVEY FEET.

BASIS OF BEARING: THAT LINE BETWEEN SURVEY CONTROL POINTS #11 & #17, TAKEN TO BEAR: SOUTH 16°40'28" EAST.

BASIS OF ELEVATION: SURVEY CONTROL POINT #17, BEING A CUT X ON THE TOP OF THE CURB OF EVELYN AVENUE, TAKEN AS 88.05 FEET.

ALL DISTANCES ARE IN FEET AND DECIMALS, THEREOF

- SEE SHEET G-05 FOR SURVEY CONTROL UNIT.
- DESIGN DISCHARGE:
  - Q100 = 7,000 CFS
  - Q10 = 5,100 CFS
  - Q2.33 = 900 CFS
  - Q1.5 = 300 CFS
- FLOW RATES BASED ON SCVWD HYDROLOGY (UNOFFICIAL).
- MANNING'S ROUGHNESS COEFFICIENT N AS FOLLOWS WERE APPLICABLE:
  - A. EXISTING NATURAL VEGETATION = 0.06
  - B. CONCRETE CHANNEL = 0.015
  - C. COMPOSITE NATURAL CHANNEL = 0.035
  - D. ROUGHENED CHANNEL = VARIES VERTICALLY WITH DEPTH.

**DRAWING INDEX**

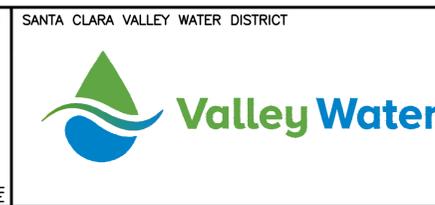
Sheet Title	Sheet Description	Sheet Number
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REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION
DESIGN D. RUTTENBERG	
DRAWN T. TRAN	
CHECKED K. NEUMAN	
ENGINEER	
DATE	



PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 GENERAL NOTES AND DRAWING INDEX

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>G-02</b> SHEET NUMBER: 2

**ABBREVIATIONS**

ABM	AIR BLOWN MORTAR	NO	NUMBER
ABT	ABUTMENT	NTS	NOT TO SCALE
ABS	ACRYLONITRILE-BUTADIENE-STYRENE	NW	NORTHWEST
AC	ASPHALT CONCRETE	NZ	NOZZLE
ACP	ASBESTOS CEMENT PIPE	OC	ON CENTER
AISI	AMERICAN IRON & STEEL INSTITUTE	OD	OUTSIDE DIAMETER
ALIGN	ALIGNMENT	OF	OUTSIDE FACE
AMP	AMPERES	OH	OVERHEAD
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	OW	OBSERVATION WELL
APPROX	APPROXIMATE	P	PROPERTY LINE
ARV	AIR RELEASE VALVE	PCC	PORTLAND CEMENT CONCRETE
ASA	AMERICAN STANDARD ASSOCIATION	PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	PE	PLAIN END
AWG	AMERICAN WIRE GAGE	PG&E	PACIFIC GAS AND ELECTRIC
AWWA	AMERICAN WATER WORKS ASSOCIATION	PI	POINT OF INTERSECTION
BC	BEGIN CURVE	PK	PARKER-KALON SURVEY NAIL
BM	BENCH MARK	PL	PLASTIC LINE
BP	BEGIN POINT	POT	POINT ON TANGENT
BT	BACKHOE TRENCH	PP	POWER POLE
BW	BOTH WAYS	PRC	POINT OF REVERSE CURVE
CARV	COMBINATION AIR RELEASE VALVE	PSI	POUND PER SQUARE INCH
☉	CENTERLINE	PT&T	PACIFIC TELEPHONE AND TELEGRAPH
CB	CATCH BASIN (INLET)	PUE	PUBLIC UTILITY EASEMENT
CCCL	CEMENT MORTAR COATED & LINED STEEL PIPE	PV	PRECAST VAULT
CCEM	CEMENT CONDUIT	PVC	POLYVINYL CHLORIDE
CCTL	CORROSION CONTROL TEST LEADS	PVMT	PAVEMENT
CCP	CONCRETE CYLINDER PIPE	PW	PUMPING WELL
CFM	CUBIC FEET PER MINUTE	R	RADIUS
CI	CAST IRON	RCB	REINFORCED CONCRETE BOX
CIP	CAST IRON PIPE	RCP	REINFORCED CONCRETE PIPE
CL	CLEARANCE	RE	REFERENCE ELECTRODE
CLR	CLEAR	REBAR	REINFORCING BAR
CMC	CEMENT MORTAR COAT	REINF	REINFORCED
CML	CEMENT MORTAR LINE	REQ'D	REQUIRED
CMP	CORRUGATED METAL PIPE	RP	RADIUS POINT
CO	CLEAN OUT	RR	RAILROAD
CONC	CONCRETE	RT	RIGHT
CONT	CONTINUOUS	RTU	REMOTE TERMINAL UNIT
CP	CEMENT PIPE	R/W	RIGHT OF WAY
CPC	PLASTIC CONDUIT	S	SLOPE
CSP	CORRUGATED STEEL PIPE	S	SCHEDULE
CTP	CABLE TELEVISION POLE	SCVWD	SANTA CLARA VALLEY WATER DISTRICT
CTV	CABLE TV	SD	STORM DRAIN
CUFT	CUBIC FEET	SE	SOUTHEAST
CYL	CYLINDER	SHT	SHEET
CIPP	CAST-IN-PLACE PIPE	SJMW	SAN JOSE MUNICIPAL WATER
DET	DETAIL	SJWC	SAN JOSE WATER COMPANY
DH	DRILL HOLES	SOMCL	STANDARD OIL MASTIC CEMENT LINED
DIA	DIAMETER	SPECS	SPECIFICATIONS
DICL	DUCTILE IRON CEMENT LINED	SPRR	SOUTHERN PACIFIC RAILROAD
DIP	DUCTILE IRON PIPE	SQ	SQUARE
DPDT	DOUBLE POLE DOUBLE THROW	SS	SANITARY SEWER
D/S	DOWNSTREAM	SSTL	STAINLESS STEEL
DWR	DEPARTMENT OF WATER RESOURCES	ST	STREET
EC	END CURVE	STA	STATION
ELEC	ELECTRICAL	STD	STANDARD
ELEV	ELEVATION	STL	STEEL
EP	EDGE OF PAVEMENT	STRD	STRANDED
EP	END POINT (ALIGNMENT)	SW	SOUTHWEST
ESM	ENGINEERED STREAMBED MATERIAL	SYM	SYMMETRICAL
EXIST	EXISTING	T	TELEPHONE
FF	FULL FORCE	T	THICKNESS OF PLATE OR DIMENSION OF WELD
FG	FINISHED GRADE	TAN	TANGENT
FH	FIRE HYDRANT	TBM	TEMPORARY BENCH MARK
FKCL	FIBERGLASS-KRAFT WRAP CEMENT LINED	TC	TELEMETRY CABLE
FLG	FLANGE	TCA	TEMPORARY CONSTRUCTION AREA
FP	FEEDER PRESSURE	TCE	TEMPORARY CONSTRUCTION EASEMENT
FT	FEET	TCS	TELEMETRY CABLE SPLICE
G/GS	GROUND SPOT	TEL	TELEPHONE
GA	GAGE	TEMP	TEMPORARY
GALV	GALVANIZED	THW	THERMAL PLASTIC MOISTURE AND HEAT RESISTANT
GFI	GROUND FAULT INTERRUPTER	THWN	THERMAL PLASTIC WITH NYLON COATING
HC	HOUSE CONNECTION (SANITARY)	TOB	TOP OF BANK
HMW/PE	HIGH MOLECULAR WEIGHT POLYETHYLENE	TP	TEST PIT LOCATION
HOR	HORIZONTAL	TR	TAPE WRAPPED
HP	HORSEPOWER	TS	TRAFFIC SIGNAL
ID	INSIDE DIAMETER	TYP	TYPICAL
IF	INSIDE FACE	UG	UNDERGROUND
IL	INDUCTIVE LOOP	UGLN	UNDERGROUND LINE
IN	INCH	UPRR	UNION PACIFIC RAILROAD
INSUL	INSULATION	U/S	UPSTREAM
INV	INVERT	USGS	UNITED STATES GEOLOGICAL SURVEY
IP	IRON PIPE	V	VOLTAGE
IPS	IRON PIPE SIZE	V	VOLTAGE ALTERNATING CURRENT
JT	JOINT TRENCH	VCD	VACANT CONDUIT
KV	KILO VOLT	VCP	VITRIFIED CLAY PIPE
LB	CONDUIT FITTING ELBOW	VERT	VERTICAL
LG	LONG	W	WATER
LLV	LONG LEG VERTICAL	WP	WORK POINT
LT	LEFT	WSP	WELDED STEEL PIPE
MAINT	MAINTENANCE	WSCL	WRAPPED STEEL CEMENT LINED
MAX	MAXIMUM	WV	WATER VALVE
MCD	MULTIPLE CONDUITS	WWF	WELDED WIRE FABRIC
MCI	MCI TELECOMMUNICATION CORP.	W/	WITH
MH	MANHOLE	&	AND
MIN	MINIMUM	AT	AT
MON	MONUMENT	☉	CENTERLINE
MW	MONITORING WELL	☉	DIAMETER
N	NITROGEN	☉	PROPERTY LINE
N/A	NOT APPLICABLE		
NE	NORTHEAST		
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		

**LINE TYPE LEGEND**

EXISTING	PROPOSED
☉ CABLE TELEVISION	☉ CABLE TELEVISION
☉ ELECTRICAL LINE	☉ ELECTRICAL LINE
☉ ELECTRICAL LINE - OVERHEAD	☉ ELECTRICAL LINE - OVERHEAD
☉ GAS LINE	☉ GAS LINE
☉ IRRIGATION LINE	☉ IRRIGATION LINE
☉ STORM DRAIN LINE	☉ STORM DRAIN LINE
☉ SANITARY SEWER LINE	☉ SANITARY SEWER LINE
☉ TELEPHONE LINE	☉ TELEPHONE LINE
☉ TELEPHONE LINE - OVERHEAD	☉ TELEPHONE LINE - OVERHEAD
☉ TELEMETRY LINE	☉ TELEMETRY LINE
☉ FIBER OPTIC	☉ FIBER OPTIC
☉ WATER LINE	☉ WATER LINE
☉ WATER LINE (PROFILE VIEW)	☉ WATER LINE (PROFILE VIEW)
☉ RECYCLED WATER LINE	☉ RECYCLED WATER LINE
☉ BARBED WIRE FENCE LINE	☉ BARBED WIRE FENCE LINE
☉ CHAIN LINK FENCE LINE	☉ CHAIN LINK FENCE LINE
☉ WOODEN FENCE LINE	☉ WOODEN FENCE LINE
☉ RETAINING WALL	☉ RETAINING WALL
CONCRETE WALL EDGE	CONCRETE WALL EDGE
CUT OR FILL SLOPE	CUT OR FILL SLOPE
CENTER LINE	CENTER LINE
HIDDEN LINE	HIDDEN LINE
EDGE OF ROAD/DITCH	EDGE OF ROAD/DITCH
☉ TRAIL	☉ TRAIL
☉ RAILROAD	☉ RAILROAD
PROPERTY AND LOT LINES	PROPERTY AND LOT LINES
SCVWD PERMANENT EASEMENT	SCVWD PERMANENT EASEMENT
SCVWD FEE / PROPERTY	SCVWD FEE / PROPERTY
TEMPORARY CONSTRUCTION EASEMENT (TCE)	TEMPORARY CONSTRUCTION EASEMENT (TCE)
ACCESS EASEMENT	ACCESS EASEMENT
COUNTY PROPERTY LINE	COUNTY PROPERTY LINE
UTILITY EASEMENT	UTILITY EASEMENT
MONUMENT LINE	MONUMENT LINE
GRADING LIMIT	GRADING LIMIT

**SYMBOLS LEGEND**

EXISTING	PROPOSED	SURVEY
☉ JOINT POLE	☉ JOINT POLE	☉ HORIZONTAL CONTROL
☉ POWER POLE	☉ POWER POLE	☉ VERTICAL CONTROL
☉ TELEPHONE POLE	☉ TELEPHONE POLE	☉ HORIZONTAL VERTICAL CONTROL
☉ ELECTRICAL MANHOLE	☉ ELECTRICAL MANHOLE	☉ TEMPORARY BENCH MARK
☉ ELECTRIC METER	☉ ELECTRIC METER	
☉ STORM DRAIN MANHOLE	☉ STORM DRAIN MANHOLE	
☉ CATCH BASIN / SD INLET	☉ CATCH BASIN / SD INLET	
☉ SANITARY CLEANOUT	☉ SANITARY CLEANOUT	
☉ SANITARY MANHOLE	☉ SANITARY MANHOLE	
☉ TELEPHONE MANHOLE	☉ TELEPHONE MANHOLE	
☉ WATER VALVE	☉ WATER VALVE	
☉ WATER METER	☉ WATER METER	
☉ BLOWOFF	☉ BLOWOFF	
☉ FIRE HYDRANT	☉ FIRE HYDRANT	
☉ GAS VALVE	☉ GAS VALVE	
☉ GAS METER	☉ GAS METER	
☉ DEEP ANODE BED	☉ DEEP ANODE BED	
☉ REFERENCE ELECTRODE TEST STATION	☉ REFERENCE ELECTRODE TEST STATION	
☉ INSULATION JOINT	☉ INSULATION JOINT	
☉ PRECAST VAULT	☉ PRECAST VAULT	
☉ TELEMETRY CABLE PULLBOX	☉ TELEMETRY CABLE PULLBOX	
☉ VENTILATION STRUCTURE	☉ VENTILATION STRUCTURE	
☉ WATER SURFACE ELEVATION	☉ WATER SURFACE ELEVATION	
☉ AIR RELEASE VALVE	☉ AIR RELEASE VALVE	
☉ TREE	☉ TREE	
☉ TREE PROTECTION	☉ TREE PROTECTION	

**MISCELLANEOUS**

☉ ELECTROLIER	☉ ELECTROLIER
☉ ELECTROLIER	☉ ELECTROLIER
☉ GUY WIRE	☉ GUY WIRE
☉ STORM DRAIN OUTFALL	☉ STORM DRAIN OUTFALL
☉ FLOW SYMBOL	☉ FLOW SYMBOL
☉ STRUCTURE ROCK	☉ STRUCTURE ROCK
☉ LOG WITH ROOTWAD	☉ LOG WITH ROOTWAD
☉ FOOTER LOG	☉ FOOTER LOG

**TRAFFIC CONTROL**

☉ SIGN-1	☉ SIGN-1
☉ SIGN-2	☉ SIGN-2
☉ BUS STOP	☉ BUS STOP
☉ TRAFFIC DIRECTION	☉ TRAFFIC DIRECTION
☉ TRAFFIC CONE	☉ TRAFFIC CONE
☉ CONSTRUCTION SIGN	☉ CONSTRUCTION SIGN
☉ FLASHING ARROW SIGN	☉ FLASHING ARROW SIGN
☉ TYPE I - TRAFFIC BARRICADE	☉ TYPE I - TRAFFIC BARRICADE
☉ TYPE III - TRAFFIC BARRICADE	☉ TYPE III - TRAFFIC BARRICADE
☉ K-RAIL BARRIER	☉ K-RAIL BARRIER

**PIPE SYMBOLS**

☉ EXISTING PIPING	☉ EXISTING PIPING
☉ BALL VALVE	☉ BALL VALVE
☉ AIR RELEASE VALVE	☉ AIR RELEASE VALVE
☉ FLANGED COUPLING ADAPTER	☉ FLANGED COUPLING ADAPTER
☉ FLANGED PIPING	☉ FLANGED PIPING
☉ FLEXIBLE (MECHANICAL) COUPLING	☉ FLEXIBLE (MECHANICAL) COUPLING
☉ WELDED PIPING	☉ WELDED PIPING
☉ THREADED PIPING	☉ THREADED PIPING
☉ PIPING WITH INSULATION INDICATED	☉ PIPING WITH INSULATION INDICATED

**HATCH LEGEND**

☉ CAST IRON, FIBERGLASS	☉ WOOD GRAIN	☉ PROPOSED POOL
☉ BRONZE, BRASS, COPPER	☉ GLASS	☉ TREAD PLATE
☉ ALUMINUM	☉ GRATING	☉ EXISTING GROUND
☉ TYPE 2 AGGREGATE BASE	☉ UNGROUTED ROCK LINING	☉ COMPACTED FILL
☉ CONCRETE	☉ BANKLINE ROCK	☉ BRICK
☉ SAND	☉ ESM	☉ ARTICULATED CONCRETE BLOCK
☉ SACKED CONCRETE LINING	☉ STEEL	☉ AGGREGATE BASE (PLAN VIEW)
		☉ PROPOSED BACKING MATERIAL

**GENERAL TEXT**

☉ EXIST STRUCTURE	EXISTING CALLOUT
☉ CALLOUT FOR PROPOSED WORK OR NEW STRUCTURE	DESIGN CALLOUT
1'-6 1/2"	EXISTING DIMENSION
1'-6 1/2"	DESIGN DIMENSION
JOHN DOE	OWNER NAME TEXT
APN XXX-XX-XXX	OWNER NAME TEXT
STREET NAME/ CREEK NAME	EXISTING MAJOR STREET AND CREEK NAME TEXT
MINOR STREET NAME/ MAINTENANCE ROAD	EXISTING MINOR STREET NAME AND MAINTENANCE ROAD
TITLE	GENERAL TABLE
PLAN	PLAN TITLE
SCALE: 1" = XX'	

**DETAIL AND SECTION DESIGNATION**

\* IF SECTION OR DETAIL APPEARS ON THE SAME DRAWING AS THE CALLOUT, THE DRAWING REFERENCE IS REPLACED WITH A DASH (-)

A SECTION LETTER

DRAWING ON WHICH SECTION APPEARS\*

SECTION A TITLE

SCALE:

DRAWING ON WHICH SECTION WAS TAKEN\*

1 DETAIL NUMBER

C-4 INDICATES DRAWING ON WHICH DETAIL APPEARS\*

DETAIL # TITLE

SCALE:

C-2 INDICATES DRAWING ON WHICH DETAIL WAS REFERENCED\*

STA XX+00 - MATCHLINE - SEE SHEET C-XX

DOCUMENT NUMBER: STV\_LP-G-1029-84698

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION 	SANTA CLARA VALLEY WATER DISTRICT 
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER	DATE	

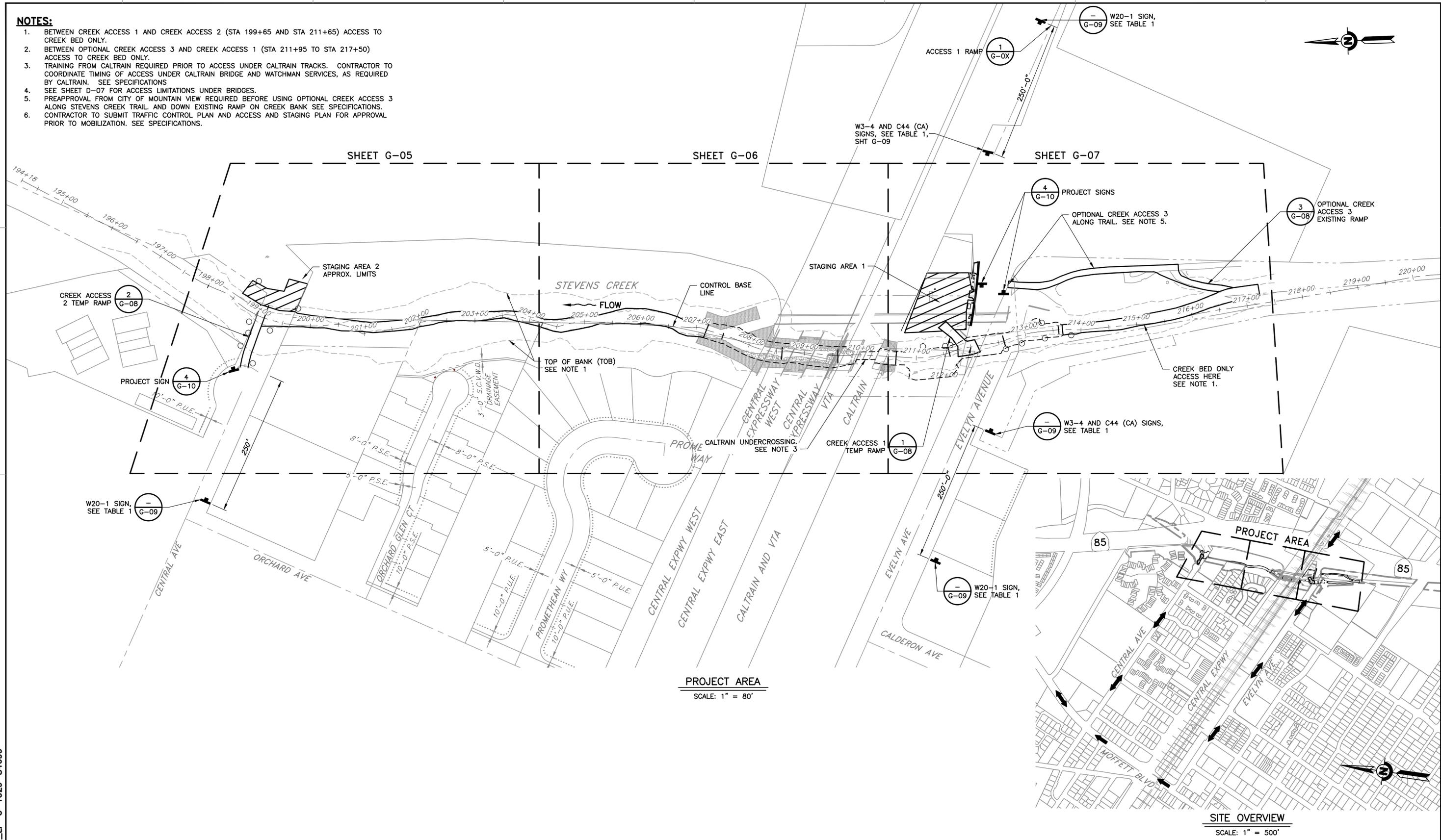
PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> GENERAL ABBREVIATIONS, LEGENDS, AND SYMBOLS	SCALE AS SHOWN VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NUMBER <b>62084001</b> SHEET CODE: <b>G-03</b> SHEET NUMBER: 3
---	--	---

**NOTES:**

1. BETWEEN CREEK ACCESS 1 AND CREEK ACCESS 2 (STA 199+65 AND STA 211+65) ACCESS TO CREEK BED ONLY.
2. BETWEEN OPTIONAL CREEK ACCESS 3 AND CREEK ACCESS 1 (STA 211+95 TO STA 217+50) ACCESS TO CREEK BED ONLY.
3. TRAINING FROM CALTRAIN REQUIRED PRIOR TO ACCESS UNDER CALTRAIN TRACKS. CONTRACTOR TO COORDINATE TIMING OF ACCESS UNDER CALTRAIN BRIDGE AND WATCHMAN SERVICES, AS REQUIRED BY CALTRAIN. SEE SPECIFICATIONS.
4. SEE SHEET D-07 FOR ACCESS LIMITATIONS UNDER BRIDGES.
5. PREAPPROVAL FROM CITY OF MOUNTAIN VIEW REQUIRED BEFORE USING OPTIONAL CREEK ACCESS 3 ALONG STEVENS CREEK TRAIL. AND DOWN EXISTING RAMP ON CREEK BANK SEE SPECIFICATIONS.
6. CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN AND ACCESS AND STAGING PLAN FOR APPROVAL PRIOR TO MOBILIZATION. SEE SPECIFICATIONS.

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DOCUMENT NUMBER: STV\_LP-G-1029-84699



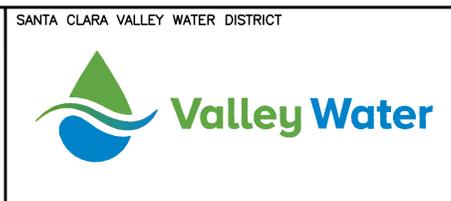
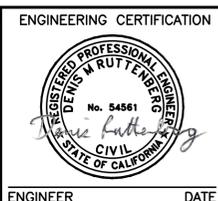
**PROJECT AREA**  
SCALE: 1" = 80'

**SITE OVERVIEW**  
SCALE: 1" = 500'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES  
 SANTA CLARA COUNTY PARCEL MAP SEPTEMBER 2021.

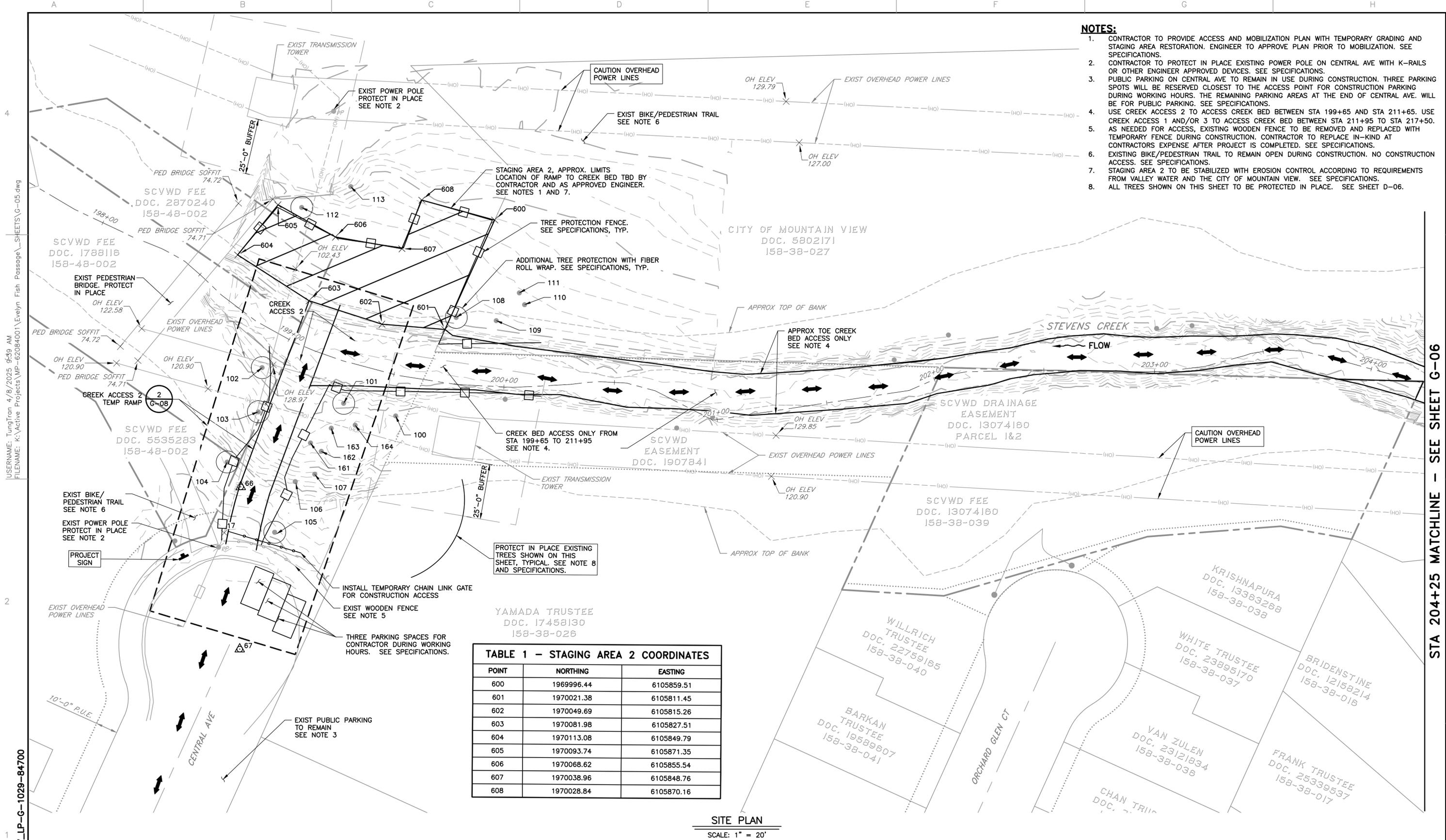
DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE



PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 STAGING, ACCESS, AND OVERVIEW PLAN

SCALE AS SHOWN  
 VERIFY SCALES  
 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: **62084001**  
 SHEET CODE: **G-04**  
 SHEET NUMBER: **4**



- NOTES:**
- CONTRACTOR TO PROVIDE ACCESS AND MOBILIZATION PLAN WITH TEMPORARY GRADING AND STAGING AREA RESTORATION. ENGINEER TO APPROVE PLAN PRIOR TO MOBILIZATION. SEE SPECIFICATIONS.
  - CONTRACTOR TO PROTECT IN PLACE EXISTING POWER POLE ON CENTRAL AVE WITH K-RAILS OR OTHER ENGINEER APPROVED DEVICES. SEE SPECIFICATIONS.
  - PUBLIC PARKING ON CENTRAL AVE TO REMAIN IN USE DURING CONSTRUCTION. THREE PARKING SPOTS WILL BE RESERVED CLOSEST TO THE ACCESS POINT FOR CONSTRUCTION PARKING DURING WORKING HOURS. THE REMAINING PARKING AREAS AT THE END OF CENTRAL AVE. WILL BE FOR PUBLIC PARKING. SEE SPECIFICATIONS.
  - USE CREEK ACCESS 2 TO ACCESS CREEK BED BETWEEN STA 199+65 AND STA 211+65. USE CREEK ACCESS 1 AND/OR 3 TO ACCESS CREEK BED BETWEEN STA 211+95 TO STA 217+50. AS NEEDED FOR ACCESS, EXISTING WOODEN FENCE TO BE REMOVED AND REPLACED WITH TEMPORARY FENCE DURING CONSTRUCTION. CONTRACTOR TO REPLACE IN-KIND AT CONTRACTORS EXPENSE AFTER PROJECT IS COMPLETED. SEE SPECIFICATIONS.
  - EXISTING BIKE/PEDESTRIAN TRAIL TO REMAIN OPEN DURING CONSTRUCTION. NO CONSTRUCTION ACCESS. SEE SPECIFICATIONS.
  - STAGING AREA 2 TO BE STABILIZED WITH EROSION CONTROL ACCORDING TO REQUIREMENTS FROM VALLEY WATER AND THE CITY OF MOUNTAIN VIEW. SEE SPECIFICATIONS.
  - ALL TREES SHOWN ON THIS SHEET TO BE PROTECTED IN PLACE. SEE SHEET D-06.

**TABLE 1 - STAGING AREA 2 COORDINATES**

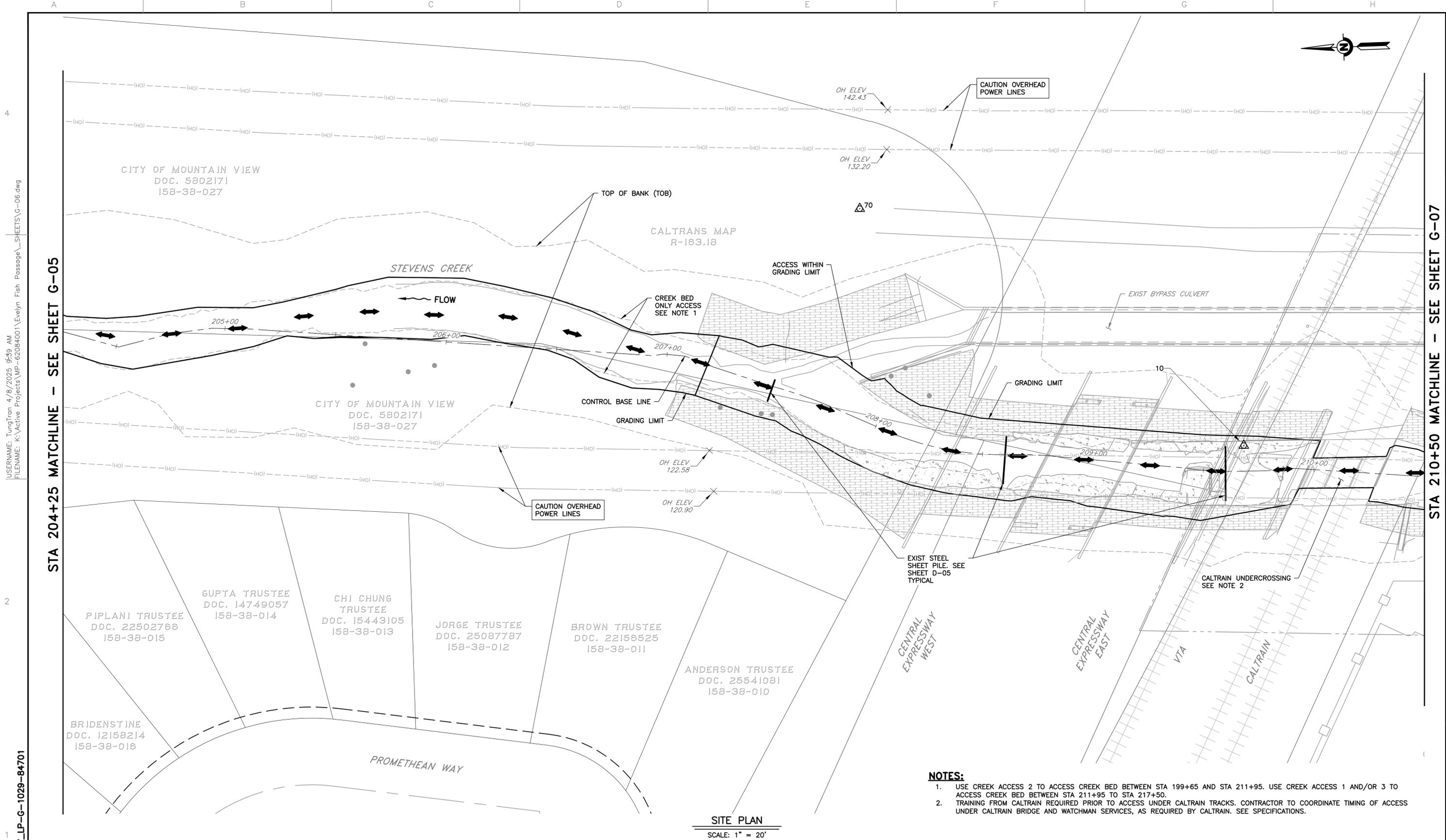
POINT	NORTHING	EASTING
600	1969996.44	6105859.51
601	1970021.38	6105811.45
602	1970049.69	6105815.26
603	1970081.98	6105827.51
604	1970113.08	6105849.79
605	1970093.74	6105871.35
606	1970068.62	6105855.54
607	1970038.96	6105848.76
608	1970028.84	6105870.16

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

USERNAME: TungTran 4/8/2025 9:59 AM  
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 DOCUMENT NUMBER: STV\_LP-G-1029-84700

STA 204+25 MATCHLINE - SEE SHEET G-06

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR					REFERENCE INFORMATION AND NOTES SANTA CLARA COUNTY PARCEL MAP SEPTEMBER 2021.	DATE 04/07/2025 DESIGN D. RUTTENBERG DRAWN T. TRAN CHECKED K. NEUMAN ENGINEER	ENGINEERING CERTIFICATION  DATE	SANTA CLARA VALLEY WATER DISTRICT 	PROJECT NAME AND SHEET DESCRIPTION: <h2 style="text-align: center;">STEVENS CREEK EVELYN FISH PASSAGE PROJECT</h2> <p style="text-align: center;">STAGING AND ACCESS PLAN STA 198+00 TO 204+25</p>	SCALE AS SHOWN  VERIFY SCALES <small>BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY</small>	PROJECT NUMBER <b>62084001</b> SHEET CODE: <b>G-05</b> SHEET NUMBER: 5
REV	DESCRIPTION	DATE	APPR												



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

- NOTES:**
1. USE CREEK ACCESS 2 TO ACCESS CREEK BED BETWEEN STA 199+65 AND STA 211+95. USE CREEK ACCESS 1 AND/OR 3 TO ACCESS CREEK BED BETWEEN STA 211+95 TO STA 217+50.
  2. TRAINING FROM CALTRAIN REQUIRED PRIOR TO ACCESS UNDER CALTRAIN TRACKS. CONTRACTOR TO COORDINATE TIMING OF ACCESS UNDER CALTRAIN BRIDGE AND WATCHMAN SERVICES, AS REQUIRED BY CALTRAIN. SEE SPECIFICATIONS.

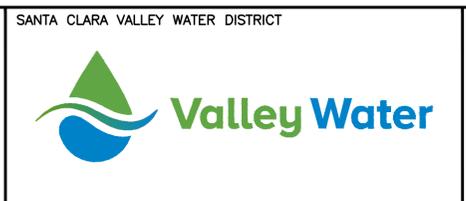
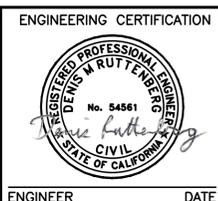
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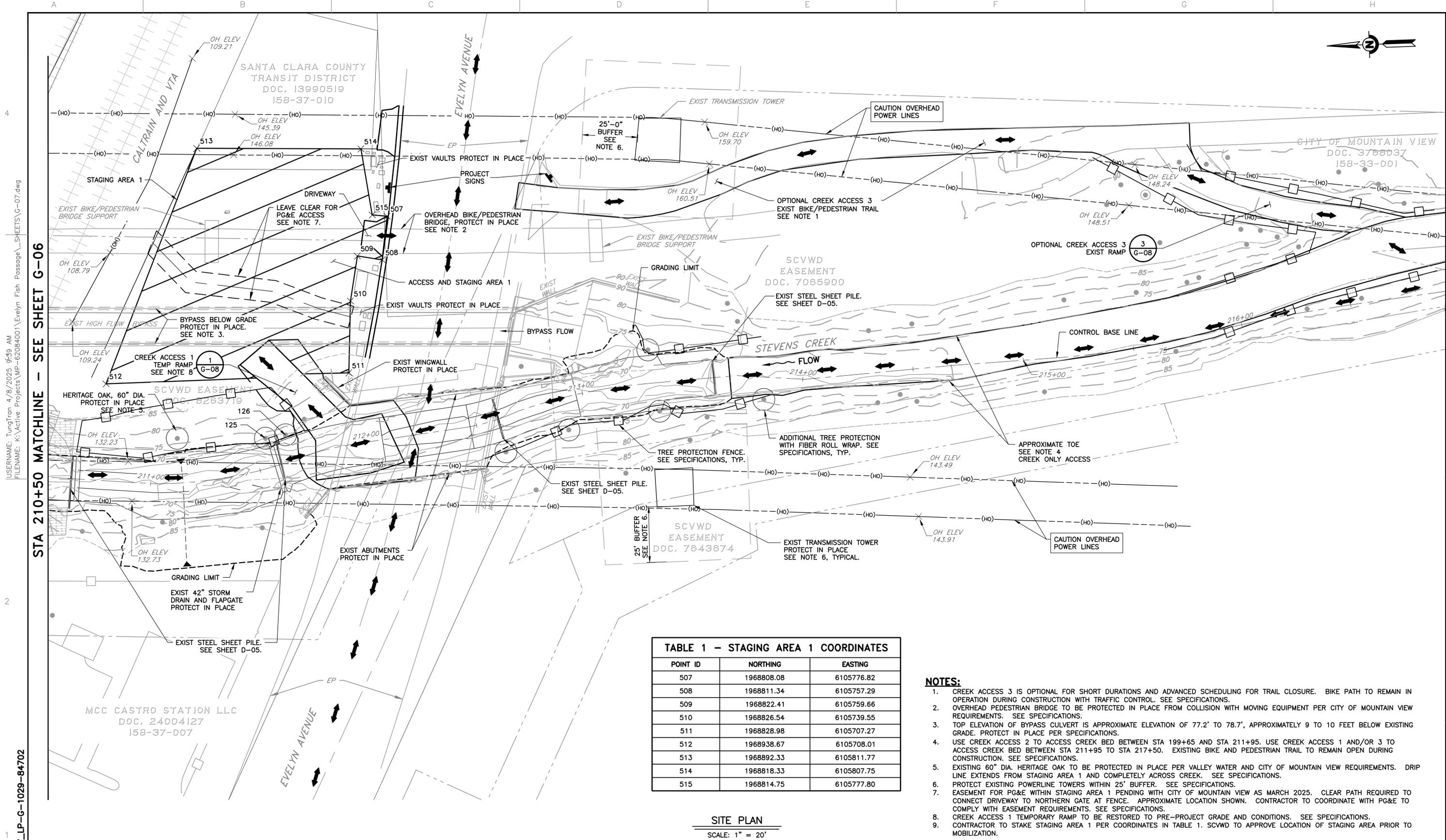
REFERENCE INFORMATION AND NOTES  
 SANTA CLARA COUNTY PARCEL MAP SEPTEMBER 2021.

DATE  
04/07/2025  
 DESIGN  
D. RUTTENBERG  
 DRAWN  
T. TRAN  
 CHECKED  
K. NEUMAN  
 ENGINEER



PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 STAGING AND ACCESS PLAN  
 STA 204+25 TO 210+50

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>G-06</b>
	SHEET NUMBER: 6



**TABLE 1 - STAGING AREA 1 COORDINATES**

POINT ID	NORTHING	EASTING
507	1968808.08	6105776.82
508	1968811.34	6105757.29
509	1968822.41	6105759.66
510	1968826.54	6105739.55
511	1968828.98	6105707.27
512	1968938.67	6105708.01
513	1968892.33	6105811.77
514	1968818.33	6105807.75
515	1968814.75	6105777.80

- NOTES:**
- CREEK ACCESS 3 IS OPTIONAL FOR SHORT DURATIONS AND ADVANCED SCHEDULING FOR TRAIL CLOSURE. BIKE PATH TO REMAIN IN OPERATION DURING CONSTRUCTION WITH TRAFFIC CONTROL. SEE SPECIFICATIONS.
  - OVERHEAD PEDESTRIAN BRIDGE TO BE PROTECTED IN PLACE FROM COLLISION WITH MOVING EQUIPMENT PER CITY OF MOUNTAIN VIEW REQUIREMENTS. SEE SPECIFICATIONS.
  - TOP ELEVATION OF BYPASS CULVERT IS APPROXIMATE ELEVATION OF 77.2' TO 78.7', APPROXIMATELY 9 TO 10 FEET BELOW EXISTING GRADE. PROTECT IN PLACE PER SPECIFICATIONS.
  - USE CREEK ACCESS 2 TO ACCESS CREEK BED BETWEEN STA 199+65 AND STA 211+95. USE CREEK ACCESS 1 AND/OR 3 TO ACCESS CREEK BED BETWEEN STA 211+95 TO STA 217+50. EXISTING BIKE AND PEDESTRIAN TRAIL TO REMAIN OPEN DURING CONSTRUCTION. SEE SPECIFICATIONS.
  - EXISTING 60" DIA. HERITAGE OAK TO BE PROTECTED IN PLACE PER VALLEY WATER AND CITY OF MOUNTAIN VIEW REQUIREMENTS. DRIP LINE EXTENDS FROM STAGING AREA 1 AND COMPLETELY ACROSS CREEK. SEE SPECIFICATIONS.
  - PROTECT EXISTING POWERLINE TOWERS WITHIN 25' BUFFER. SEE SPECIFICATIONS.
  - EASEMENT FOR PG&E WITHIN STAGING AREA 1 PENDING WITH CITY OF MOUNTAIN VIEW AS MARCH 2025. CLEAR PATH REQUIRED TO CONNECT DRIVEWAY TO NORTHERN GATE AT FENCE. APPROXIMATE LOCATION SHOWN. CONTRACTOR TO COORDINATE WITH PG&E TO COMPLY WITH EASEMENT REQUIREMENTS. SEE SPECIFICATIONS.
  - CREEK ACCESS 1 TEMPORARY RAMP TO BE RESTORED TO PRE-PROJECT GRADE AND CONDITIONS. SEE SPECIFICATIONS.
  - CONTRACTOR TO STAKE STAGING AREA 1 PER COORDINATES IN TABLE 1. SCVWD TO APPROVE LOCATION OF STAGING AREA PRIOR TO MOBILIZATION.

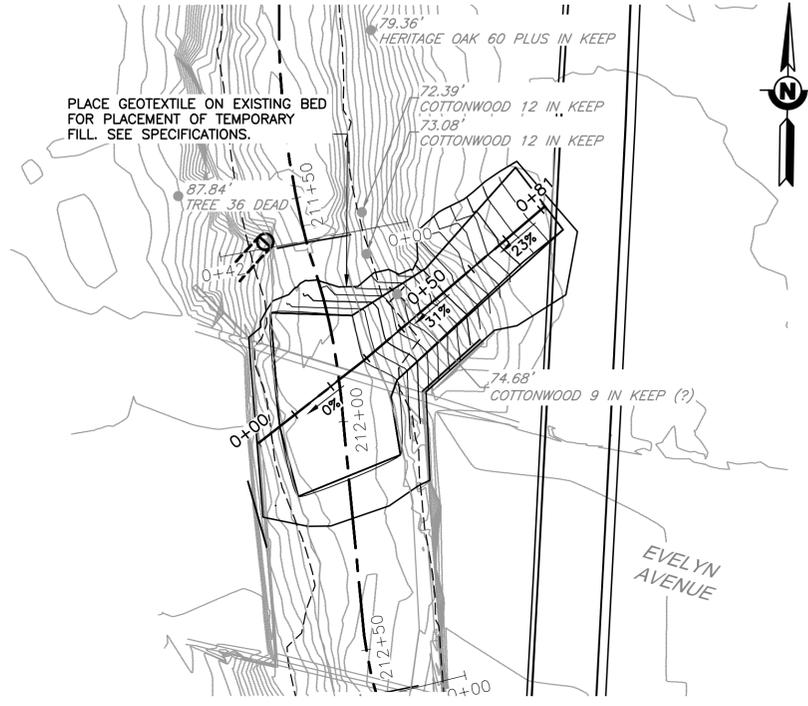
**SITE PLAN**  
SCALE: 1" = 20'

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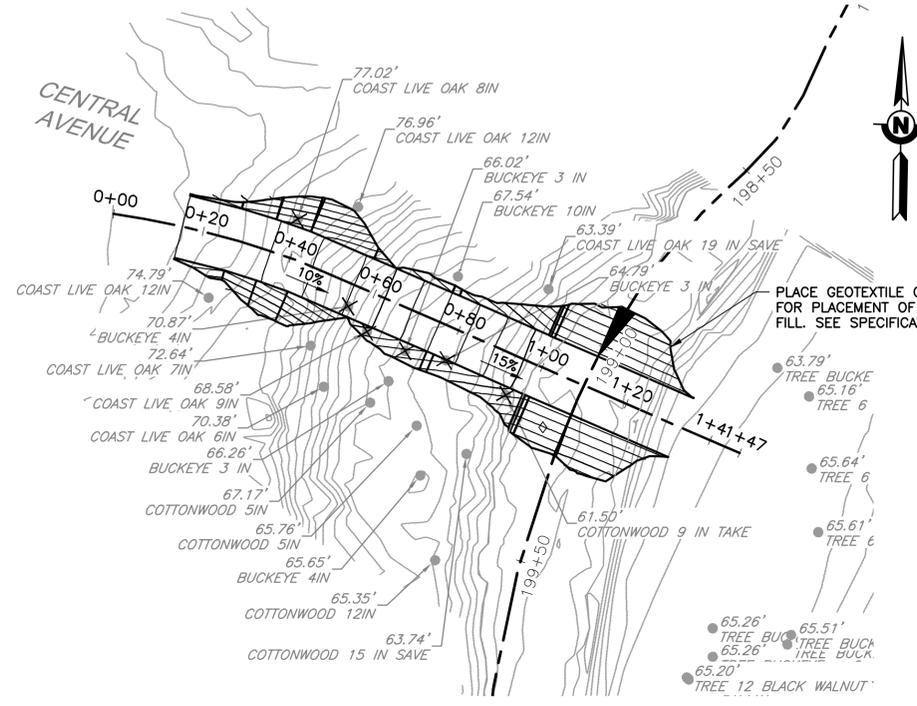
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									VERIFY SCALES	SHEET CODE:
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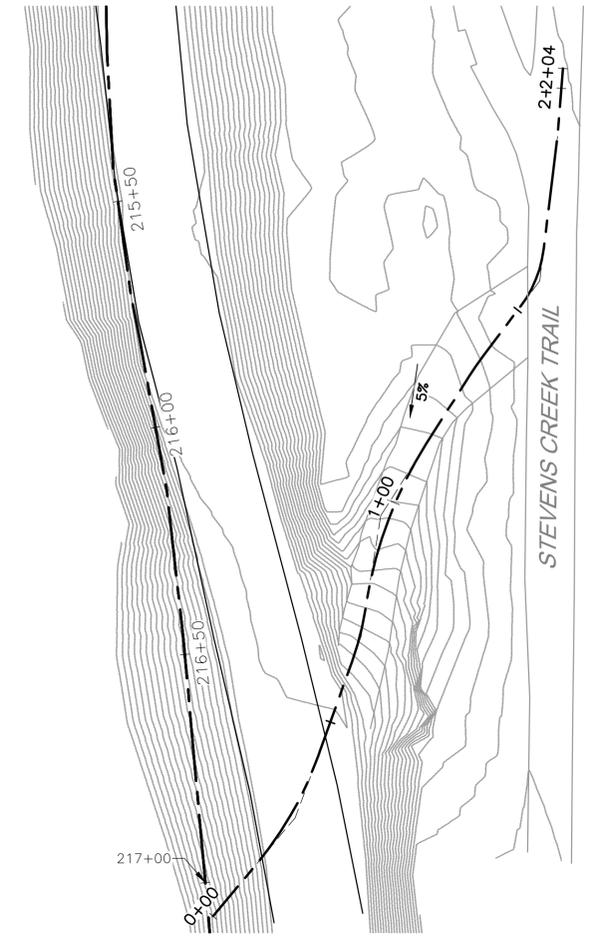
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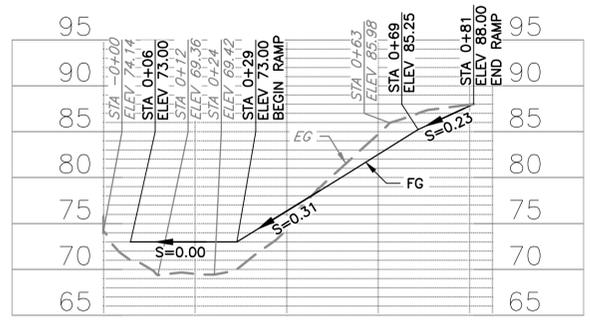
**CREEK ACCESS 1 TEMPORARY RAMP - PLAN**  
 SCALE: 1" = 20'



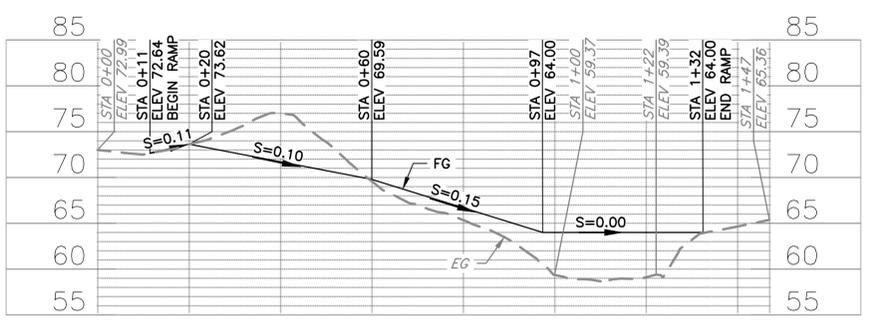
**CREEK ACCESS 2 TEMPORARY RAMP - PLAN**  
 SCALE: 1" = 20'



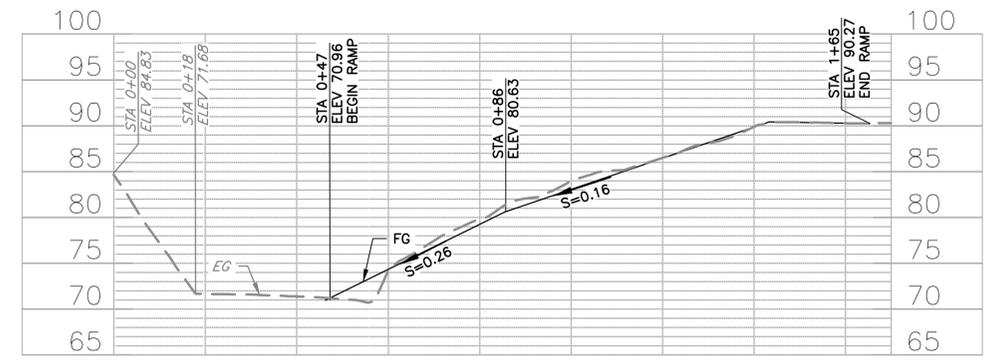
**CREEK ACCESS 3 TEMPORARY RAMP - PLAN**  
 SCALE: 1" = 20'



**CREEK ACCESS 1 TEMPORARY RAMP - PROFILE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 10'



**CREEK ACCESS 2 TEMPORARY RAMP - PROFILE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 10'



**CREEK ACCESS 3 TEMPORARY RAMP - PROFILE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 10'

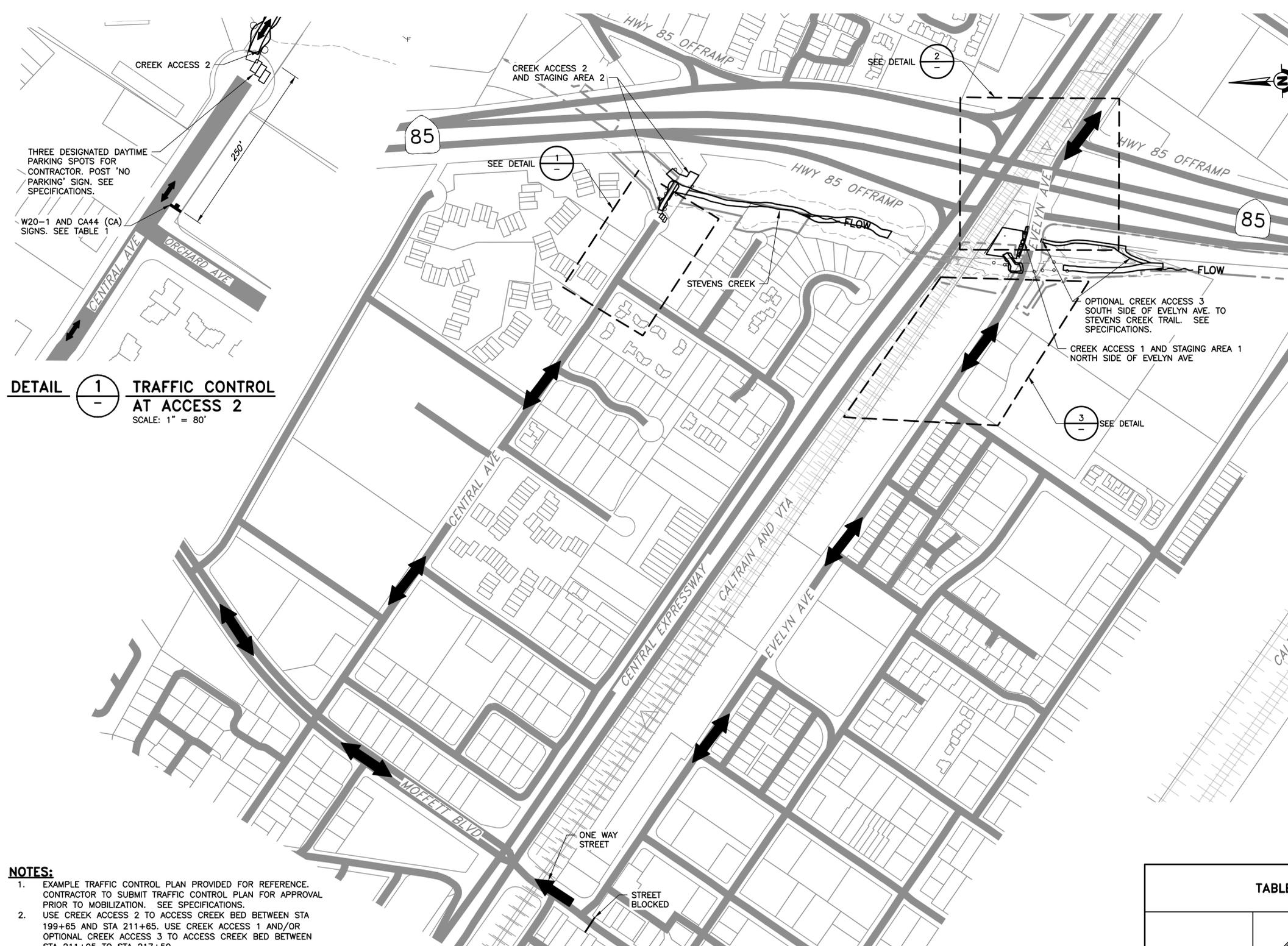
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DATE 04/07/2025	ENGINEERING CERTIFICATION 	SANTA CLARA VALLEY WATER DISTRICT 
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER	DATE	

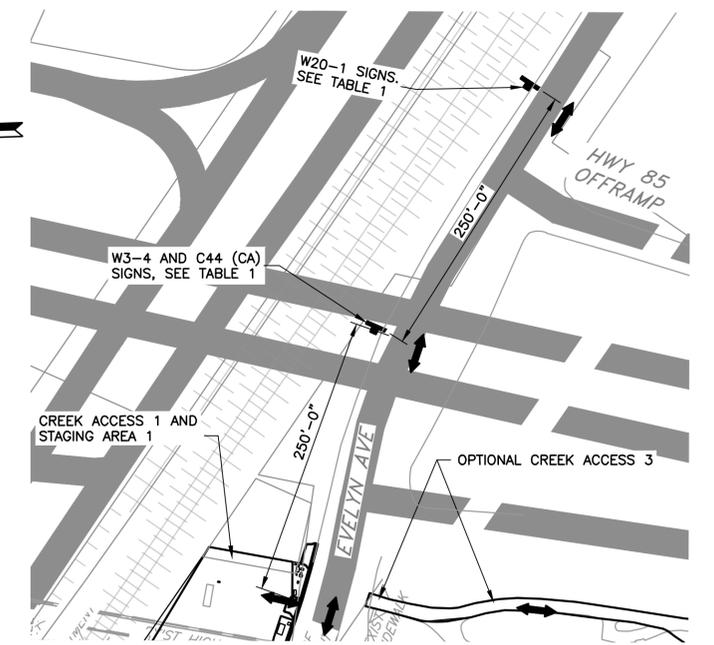
PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> CREEK ACCESS TEMPORARY RAMPS EXAMPLE DETAILS AND PROFILES	SCALE AS SHOWN VERIFY SCALES  BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NUMBER <b>62084001</b> SHEET CODE: <b>G-08</b> SHEET NUMBER: 8
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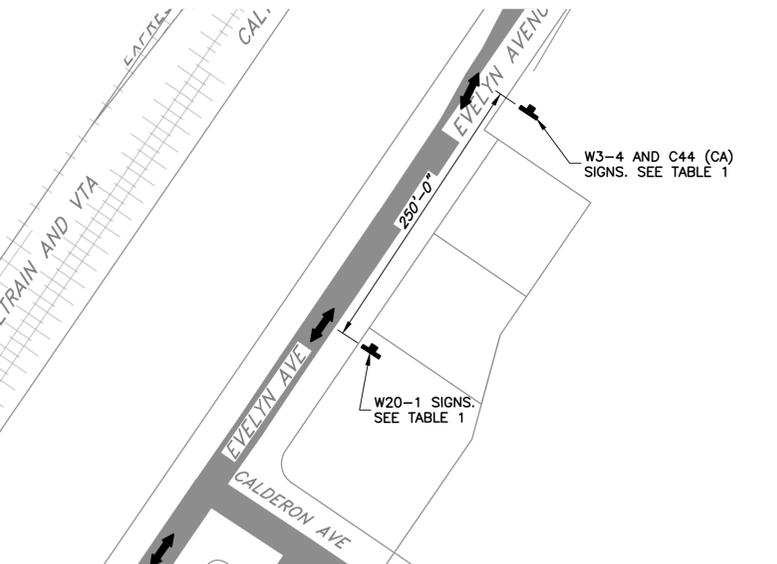
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**DETAIL 1**  
 -  
**TRAFFIC CONTROL AT ACCESS 2**  
 SCALE: 1" = 80'



**DETAIL 2**  
 -  
**TRAFFIC CONTROL AT ACCESS 1 & 3**  
 SCALE: 1" = 80'



**DETAIL 3**  
 -  
**TRAFFIC CONTROL AT ACCESS 1 & 3**  
 SCALE: 1" = 80'

- NOTES:**
- EXAMPLE TRAFFIC CONTROL PLAN PROVIDED FOR REFERENCE. CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO MOBILIZATION. SEE SPECIFICATIONS.
  - USE CREEK ACCESS 2 TO ACCESS CREEK BED BETWEEN STA 199+65 AND STA 211+65. USE CREEK ACCESS 1 AND/OR OPTIONAL CREEK ACCESS 3 TO ACCESS CREEK BED BETWEEN STA 211+95 TO STA 217+50.
  - TRAINING FROM CALTRAIN REQUIRED PRIOR TO ACCESS UNDER CALTRAIN TRACKS. CONTRACTOR TO COORDINATE TIMING OF ACCESS UNDER CALTRAIN BRIDGE AND WATCHMAN SERVICES, AS REQUIRED BY CALTRAIN. SEE SPECIFICATIONS.
  - OPTIONAL CREEK ACCESS 3 TO BE PER SPECIFICATIONS AND CITY OF MOUNTAIN VIEW AND COUNTY OF SANTA CLARA REQUIREMENTS.

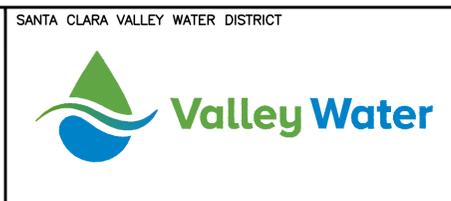
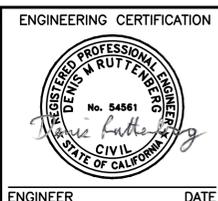
**TRAFFIC CONTROL PLAN**  
 SCALE: 1" = 200'

TABLE 1 - TEMPORARY TRAFFIC CONTROL SIGNS				
SIGN				TBD
SIGN DESIGNATION	W20-1	W3-4	C44 (CA)	PROJECT SIGN

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES  
 SANTA CLARA COUNTY PARCEL MAP SEPTEMBER 2021.  
 CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY CITY OF MOUNTAIN VIEW AND COUNTY OF SANTA CLARA.

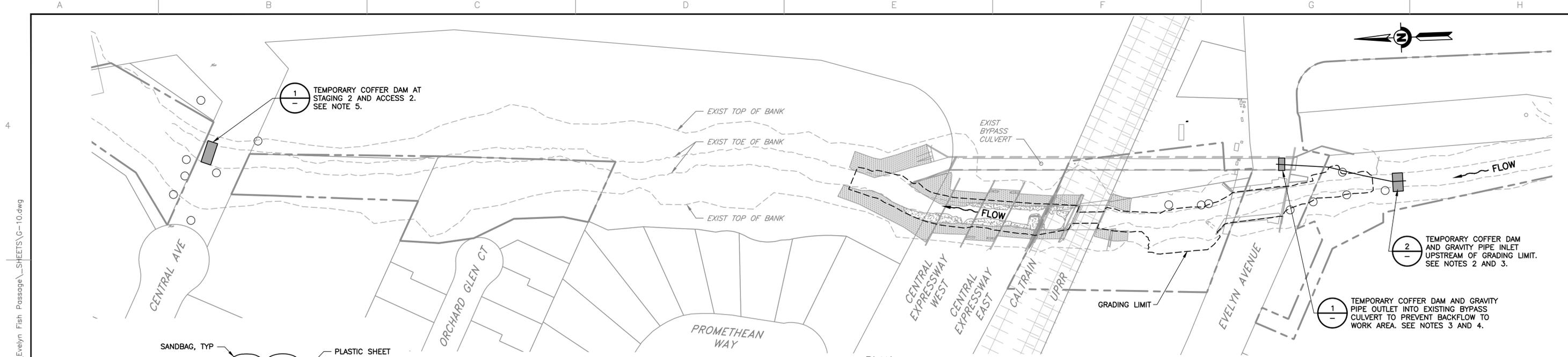
DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE



PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK EVELYN FISH PASSAGE PROJECT**  
 EXAMPLE TRAFFIC CONTROL PLAN

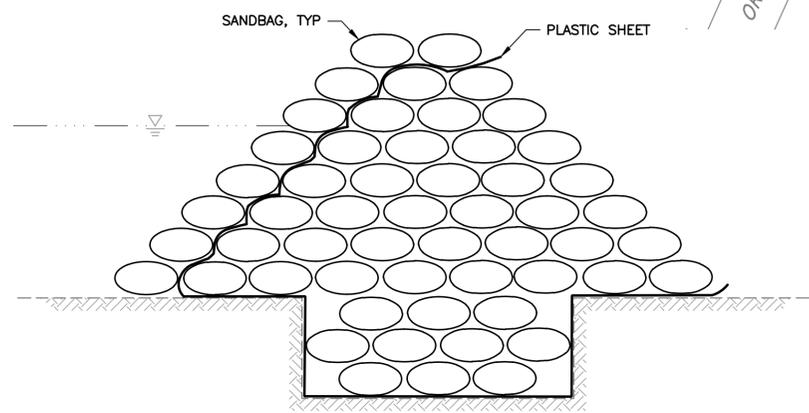
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PROJECT NUMBER: 62084001  
 SHEET CODE: G-09  
 SHEET NUMBER: 9



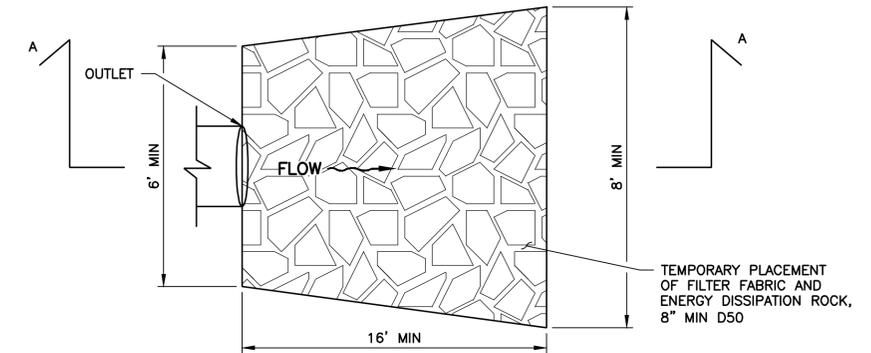
**PLAN**  
SCALE: 1" = 60'

- NOTES:**
- THIS SHEET IS AN EXAMPLE OF ONE TYPE OF CREEK DIVERSION SYSTEM. CONTRACTOR SHALL DEVELOP AND SUBMIT FOR APPROVAL THEIR OWN CREEK DIVERSION PLAN THAT ALLOWS ADEQUATE CREEK BED ACCESS AND SCHEDULING OF THEIR WORK AS SHOWN IN THE SPECIFICATIONS.
  - CONSTRUCT A TEMPORARY UPSTREAM COFFER DAM AND INSTALL A MINIMUM 30" PIPE DIA. GRAVITY BYPASS PIPE TO CAPTURE STORM FLOW.
  - DIVERT STORM FLOW UPSTREAM GRADING AREA IN GRAVITY PIPE FLOW TO THE FLOOD BYPASS CHANNEL ENTRANCE OUTSIDE OF THE GRADING LIMIT UNDER EVELYN AVE.
  - DIVERTED STORM WATER TO RUN DOWN EXISTING BYPASS CULVERT TO EXIT DOWNSTREAM OF CENTRAL EXPRESSWAY WEST.
  - CONSTRUCT A TEMPORARY DOWNSTREAM COFFER DAM AND AN ACCESS ROAD ACROSS CREEK TO STAGING AREA 2 NEAR CENTRAL AVE.
  - INSTALL DOWNSTREAM OUTLET AND ENERGY DISSIPATION ACCORDING TO CALIFORNIA STORMWATER BMP HANDBOOK, DETAIL EC-10.
  - STAGE EQUIPMENT AND MATERIALS AS NEEDED FOR EMERGENCY DEPLOYMENT OF DIVERSION SYSTEM, AS NEEDED.
  - IF NECESSARY, CONTRACTOR MAY NEED TO INSTALL ADDITIONAL DIVERSION PIPE BETWEEN CENTRAL EXPWY AND CREEK ACCESS 2 TO ALLOW CREEK BED ACCESS DURING CONSTRUCTION. CONTRACTOR SHALL ALSO INSTALL AN ENERGY DISSIPATION STRUCTURE AT THE OUTLET OF THE DIVERSION PIPE.
  - CONTRACTOR TO PUMP, STORE, AND RELEASE INCIDENTAL GROUNDWATER TO COMPLETE WORK, AS NEEDED AND IN COMPLIANCE WITH PROJECT PERMITS.

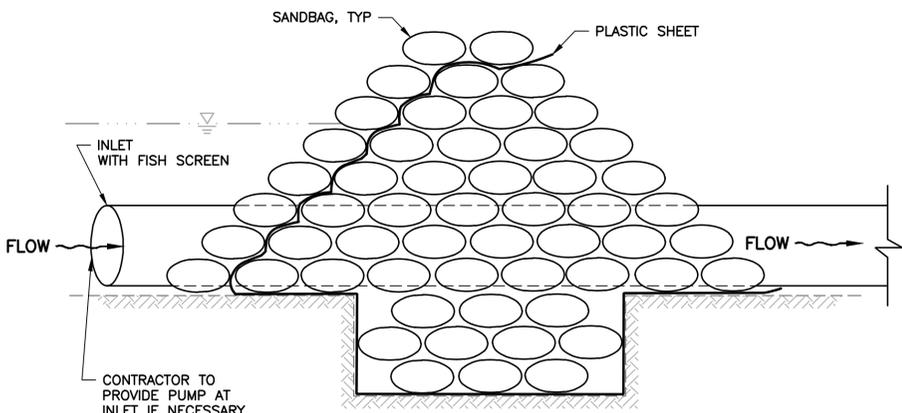


TYPICAL SANDBAG WALLS

**DETAIL 1**  
**TEMPORARY COFFER DAM**  
SCALE: NTS

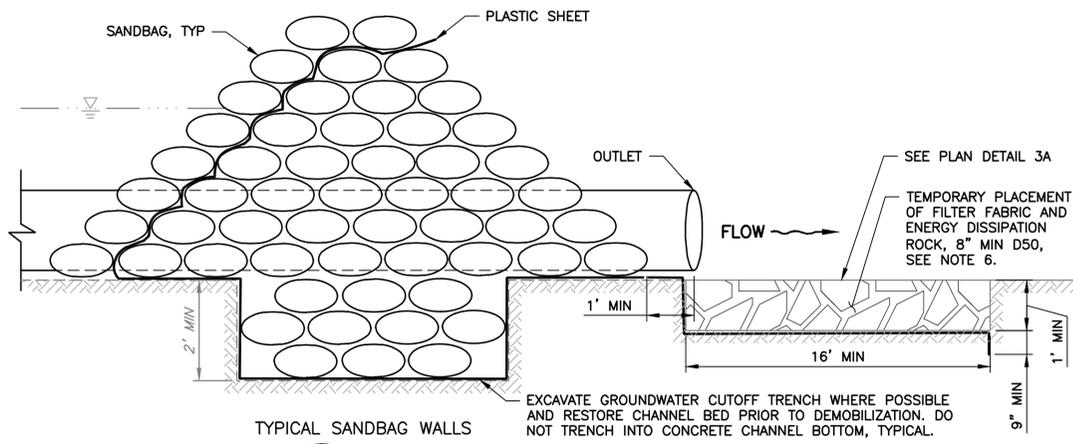


**DETAIL 3A**  
**PLAN - TEMPORARY COFFER DAM WITH GRAVITY PIPE OUTLET**  
SCALE: NTS

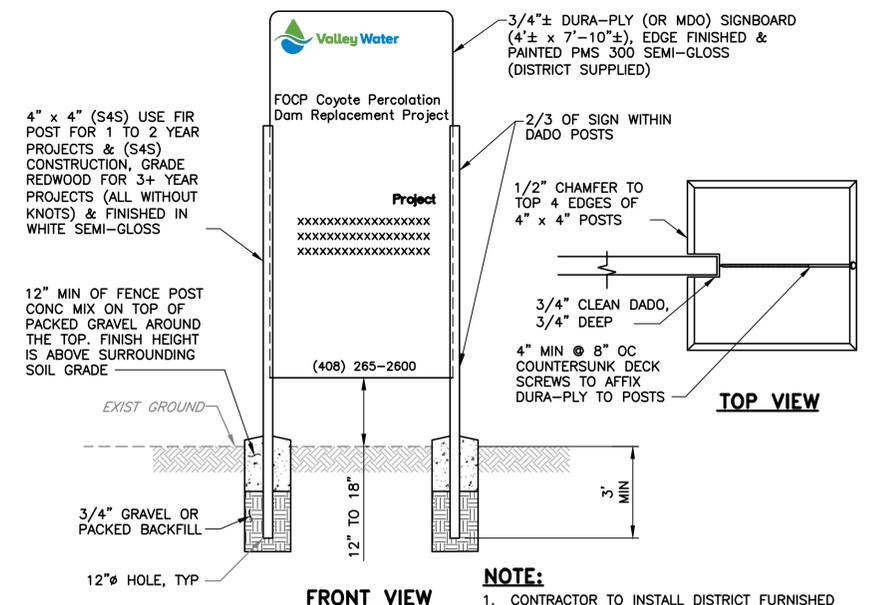


TYPICAL SANDBAG WALLS

**DETAIL 2**  
**TEMPORARY COFFER DAM WITH GRAVITY PIPE INLET**  
SCALE: NTS



**DETAIL 3B**  
**PROFILE A - TEMPORARY COFFER DAM WITH GRAVITY PIPE OUTLET**  
SCALE: NTS



**FRONT VIEW**

**DETAIL 4**  
**PROJECT SIGN**  
SCALE: NTS

- NOTE:**
- CONTRACTOR TO INSTALL DISTRICT FURNISHED SIGNS, SEE SPECIFICATIONS.

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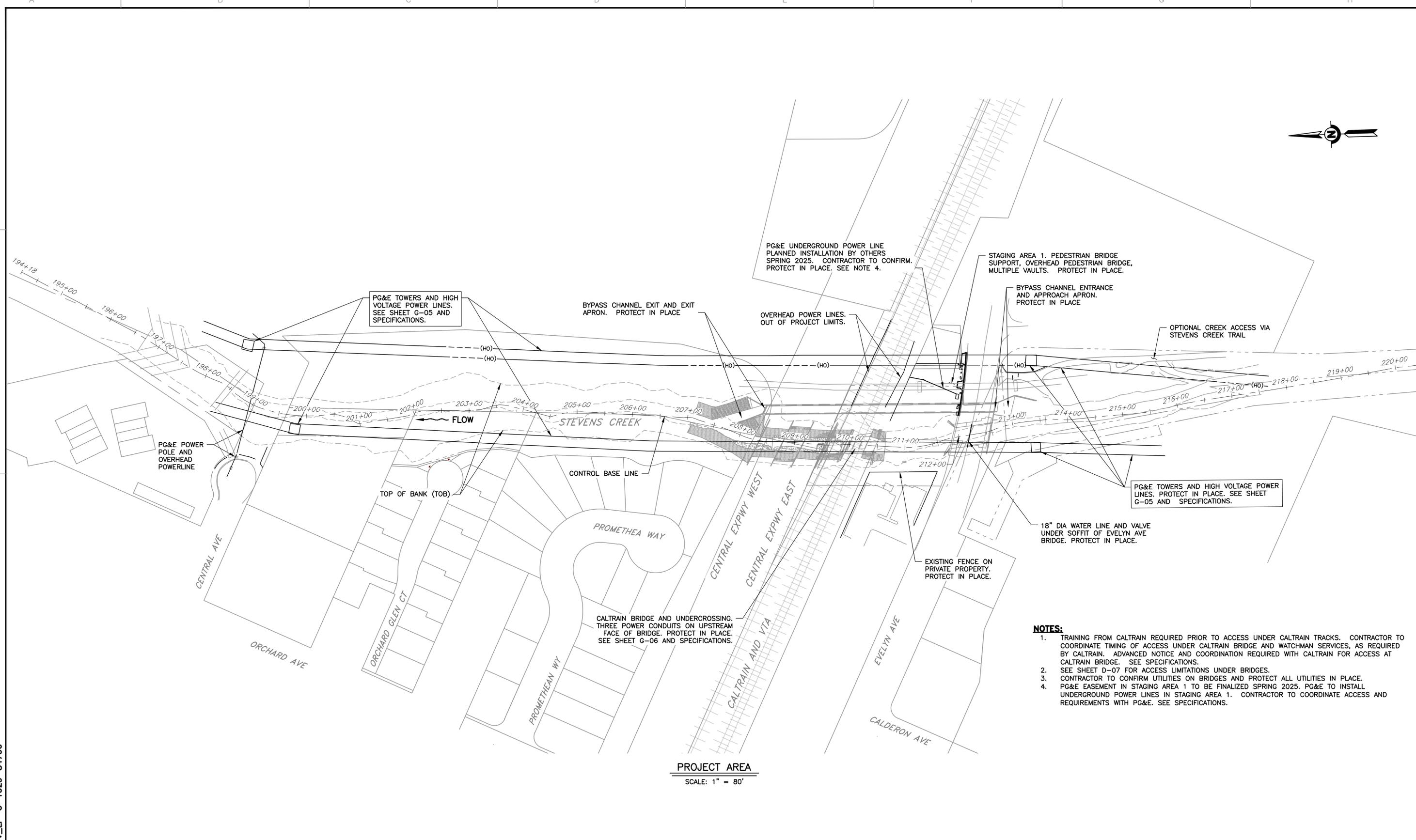
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DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:	SCALE AS SHOWN	PROJECT NUMBER 62084001
<b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b>  EXAMPLE DEWATERING & DIVERSION PLAN	VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>G-10</b>
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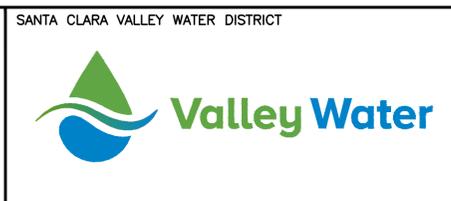
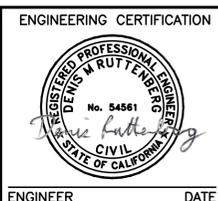
- NOTES:**
1. TRAINING FROM CALTRAIN REQUIRED PRIOR TO ACCESS UNDER CALTRAIN TRACKS. CONTRACTOR TO COORDINATE TIMING OF ACCESS UNDER CALTRAIN BRIDGE AND WATCHMAN SERVICES, AS REQUIRED BY CALTRAIN. ADVANCED NOTICE AND COORDINATION REQUIRED WITH CALTRAIN FOR ACCESS AT CALTRAIN BRIDGE. SEE SPECIFICATIONS.
  2. SEE SHEET D-07 FOR ACCESS LIMITATIONS UNDER BRIDGES.
  3. CONTRACTOR TO CONFIRM UTILITIES ON BRIDGES AND PROTECT ALL UTILITIES IN PLACE.
  4. PG&E EASEMENT IN STAGING AREA 1 TO BE FINALIZED SPRING 2025. PG&E TO INSTALL UNDERGROUND POWER LINES IN STAGING AREA 1. CONTRACTOR TO COORDINATE ACCESS AND REQUIREMENTS WITH PG&E. SEE SPECIFICATIONS.

**PROJECT AREA**  
 SCALE: 1" = 80'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES  
 SANTA CLARA COUNTY PARCEL MAP SEPTEMBER 2021.

DATE  
04/07/2025  
 DESIGN  
D. RUTTENBERG  
 DRAWN  
T. TRAN  
 CHECKED  
K. NEUMAN  
 ENGINEER

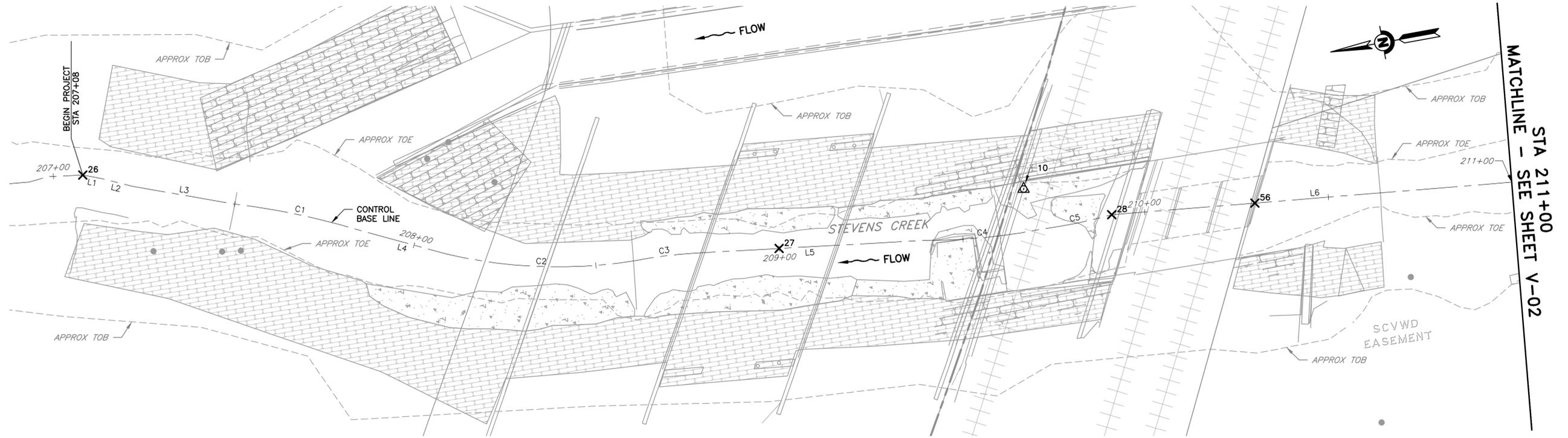


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 EXISTING UTILITY PLAN

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>G-11</b>
	SHEET NUMBER: 11

USERNAME: TungTran 4/8/2025 9:41 AM  
 FILENAME: K:\Active Projects\MP-62084001\Evelyn Fish Passage\SHETS\V-01.dwg

DOCUMENT NUMBER: STV\_LP-V-1029-84707



PLAN  
 SCALE: 1" = 15'

POINT TABLE			
POINT	NORTHING	EASTING	DESCRIPTION
26	1969301.2156	6105739.0923	START
27	1969119.5669	6105682.9983	INTERMEDIATE
28	1969029.1755	6105674.4828	END
56	1968990.4274	6105670.0580	START

LINE TABLE		
LINE	LENGTH	BEARING
L1	5.34'	S21°58'10"W
L2	8.43'	S25°08'27"W
L3	28.08'	S21°01'31"W
L4	23.87'	S26°20'38"W
L5	63.15'	S8°00'22"W
L6	110.94'	S6°30'52"W

CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C1	201.01'	35.35'	10°04'36"
C2	133.00'	51.98'	22°23'28"
C3	112.73'	15.63'	7°56'36"
C4	157.45'	31.11'	11°19'16"
C5	151.06'	20.02'	7°35'34"

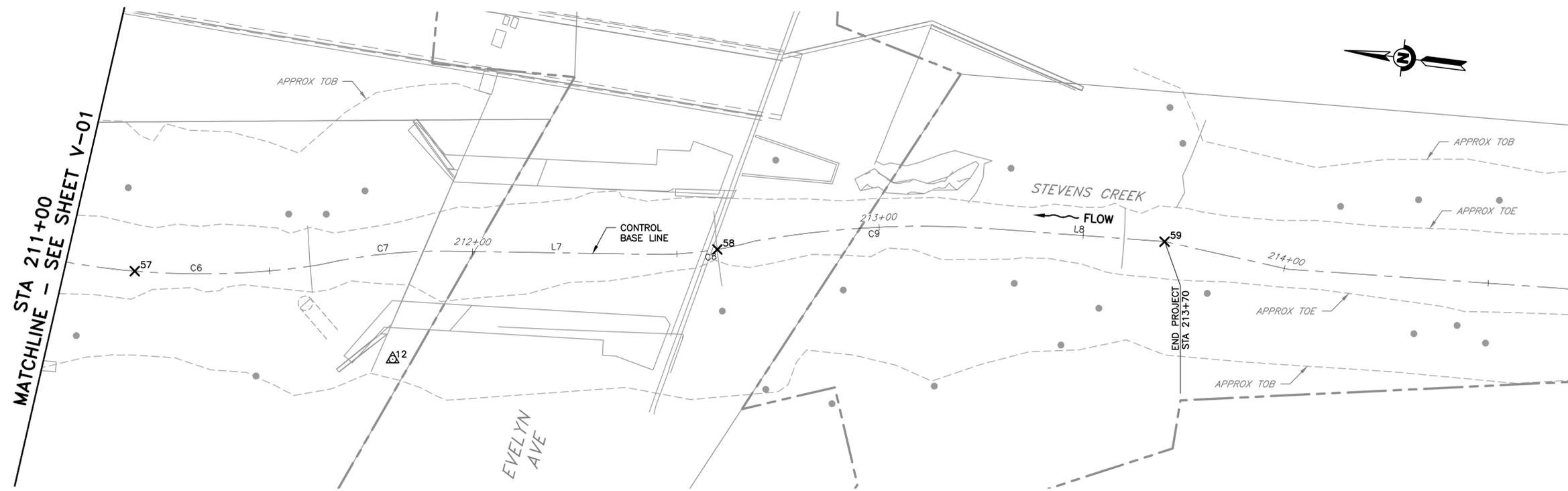
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN B. LUKEN		
DRAWN A. RUIZ		
CHECKED K. PUTHOFF		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 SURVEY LAYOUT - PLAN AND TABLE

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>V-01</b>
	SHEET NUMBER: 12

USERNAME: TungTran 4/8/2025 9:41 AM  
 FILENAME: K:\Active Projects\MP-62084001\Evelyn Fish Passage\SHEETS\V-02.dwg



PLAN  
 SCALE: 1" = 15'

POINT TABLE			
POINT	NORTHING	EASTING	DESCRIPTION
57	1968903.8967	6105661.7234	INTERMEDIATE
58	1968762.8515	6105682.9671	INTERMEDIATE
59	1968654.3290	6105697.1281	END

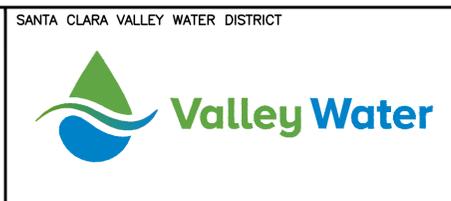
LINE TABLE		
LINE	LENGTH	BEARING
L6	110.94'	S6°30'52"W
L7	52.48'	S5°32'23"E
L8	42.18'	S2°11'11"E

CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C6	191.47'	60.24'	18°01'33"
C7	133.02'	32.17'	13°51'29"
C8	91.07'	22.66'	14°15'13"
C9	233.30'	58.41'	14°20'42"

DOCUMENT NUMBER: STV\_LP-V-1029-84708

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE: 04/07/2025  
 DESIGN: B. LUKEN  
 DRAWN: A. RUIZ  
 CHECKED: K. PUTHOFF  
 ENGINEER: DATE



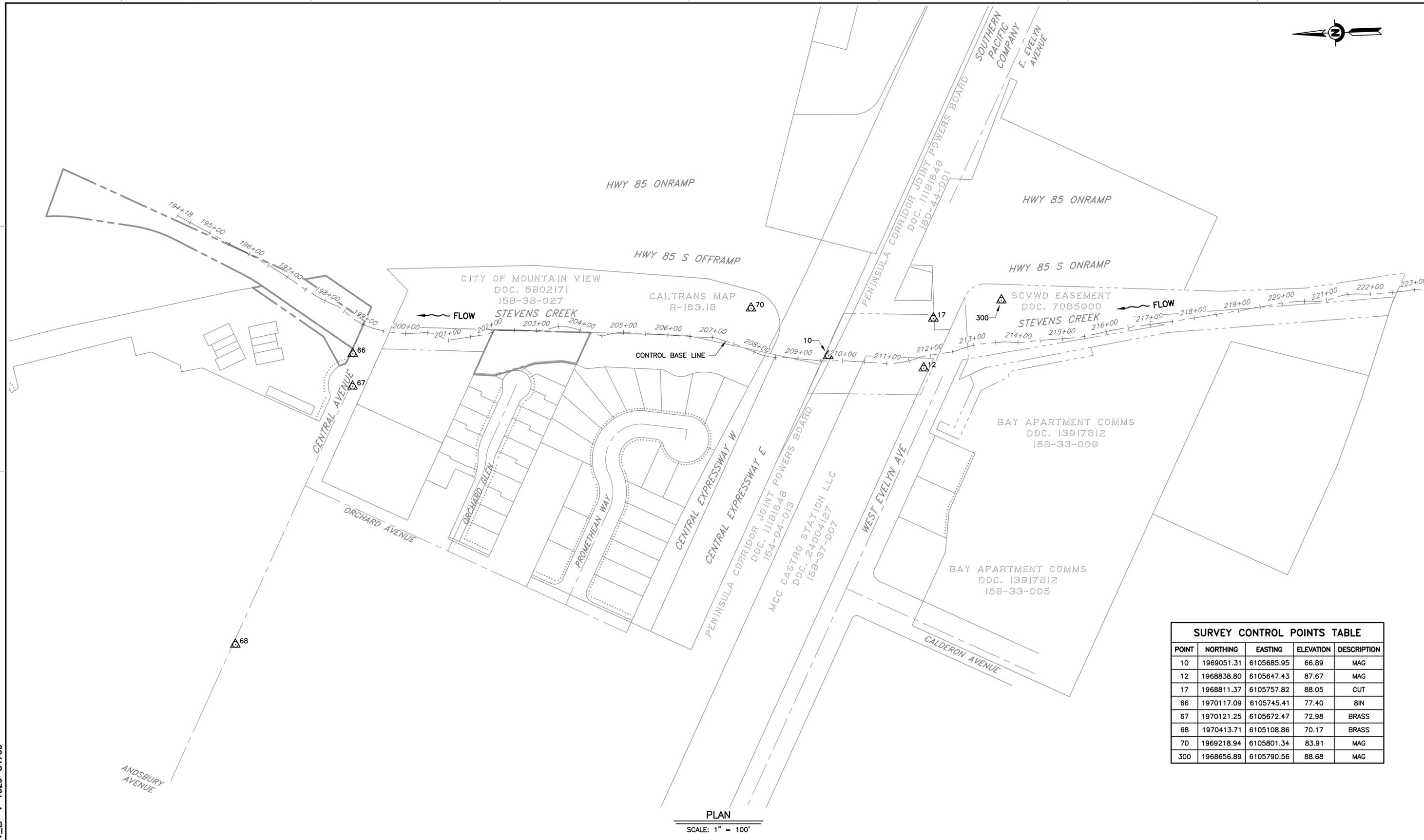
PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 SURVEY LAYOUT - PLAN AND TABLE

SCALE AS SHOWN  
 VERIFY SCALES  
 0 1"  
 BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: 62084001  
 SHEET CODE: V-02  
 SHEET NUMBER: 13

USERNAME: TungTran 4/8/2025 9:41 AM  
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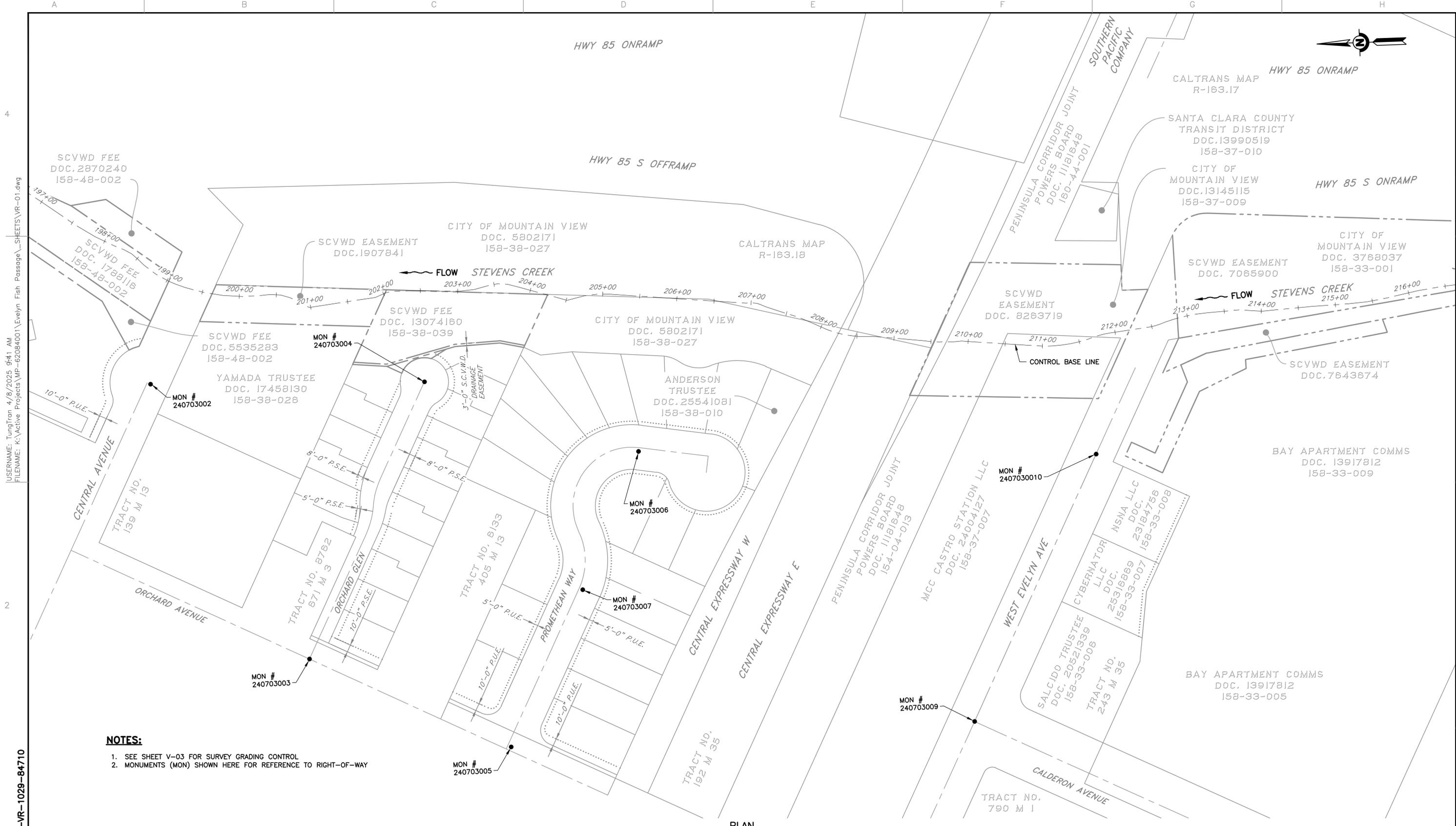
DOCUMENT NUMBER: STV\_LP-V-1029-84709



SURVEY CONTROL POINTS TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	1969051.31	6105685.95	66.89	MAG
12	1968838.80	6105647.43	87.67	MAG
17	1968811.37	6105757.82	88.05	CUT
66	1970117.09	6105745.41	77.40	8IN
67	1970121.25	6105672.47	72.98	BRASS
68	1970413.71	6105108.86	70.17	BRASS
70	1969218.94	6105801.34	83.91	MAG
300	1968656.89	6105790.56	88.68	MAG

PLAN  
 SCALE: 1" = 100'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE 04/07/2025	ENGINEERING CERTIFICATION B. LUKEN	ENGINEERING CERTIFICATION A. RUIZ	ENGINEERING CERTIFICATION K. PUTHOFF	ENGINEERING CERTIFICATION NO. 8680	ENGINEERING CERTIFICATION DATE	SANTA CLARA VALLEY WATER DISTRICT 	PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> SURVEY CONTROL POINTS PLAN AND DATA	SCALE AS SHOWN VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NUMBER <b>62084001</b> SHEET CODE: <b>V-03</b> SHEET NUMBER: 14
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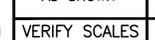


**NOTES:**

1. SEE SHEET V-03 FOR SURVEY GRADING CONTROL
2. MONUMENTS (MON) SHOWN HERE FOR REFERENCE TO RIGHT-OF-WAY

**PLAN**  
SCALE: 1" = 60'

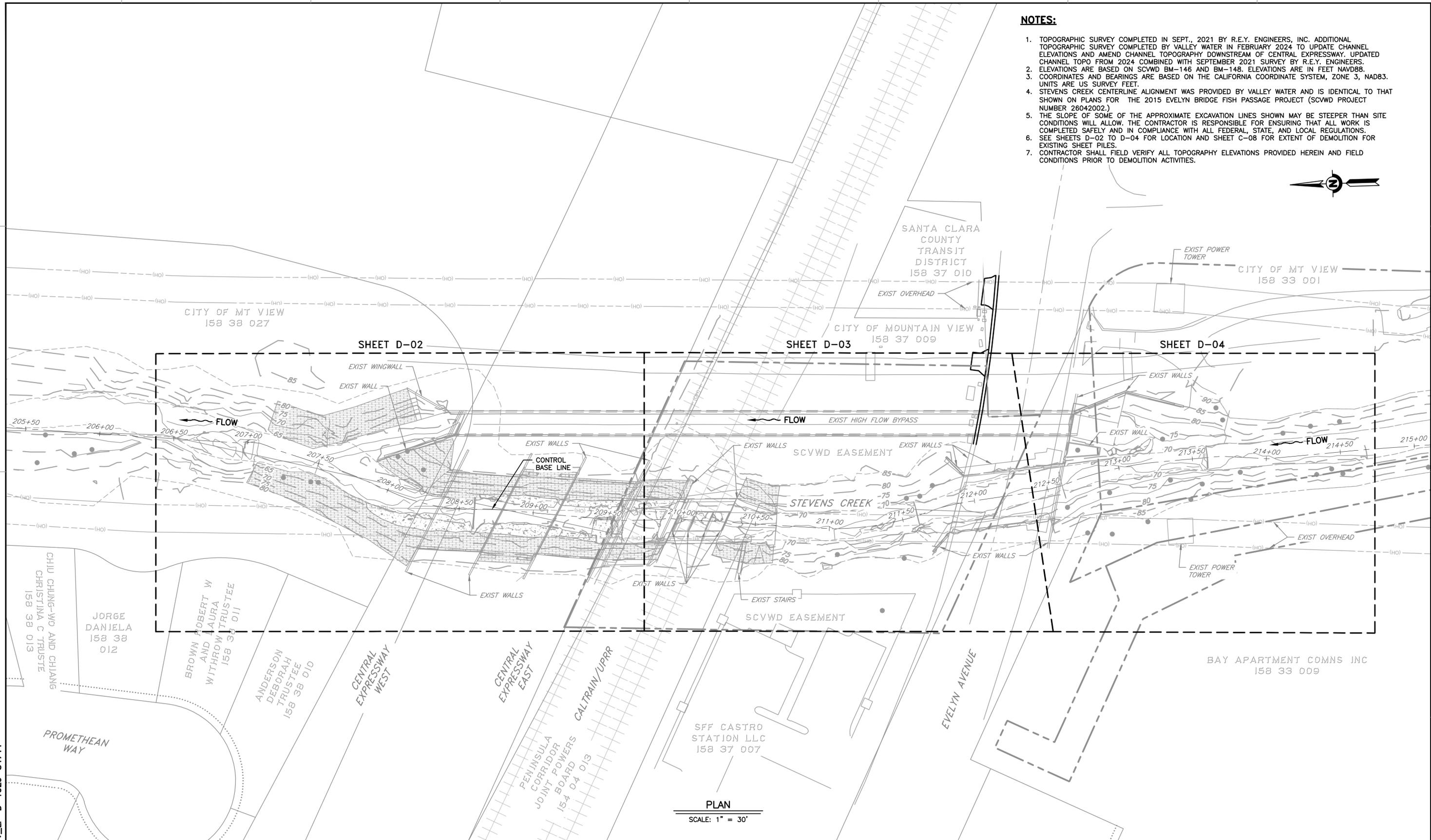
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 DOCUMENT NUMBER: STV\_LP\_VR-1029-84710

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER
					04/07/2025			<b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> RIGHT OF WAY - DETAIL PLAN FROM CENTRAL AVENUE TO EVELYN AVENUE	AS SHOWN VERIFY SCALES  BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	<b>62084001</b> SHEET CODE: <b>VR-01</b> SHEET NUMBER: 15

USERNAME: TungTran 4/8/2025 9:41 AM  
 FILENAME: K:\Active Projects\MP-62084001\Evelyn Fish Passage\Drawings\Sheet\SHETS\D-01.dwg  
 DOCUMENT NUMBER: STV\_LP-D-1029-84711

**NOTES:**

1. TOPOGRAPHIC SURVEY COMPLETED IN SEPT., 2021 BY R.E.Y. ENGINEERS, INC. ADDITIONAL TOPOGRAPHIC SURVEY COMPLETED BY VALLEY WATER IN FEBRUARY 2024 TO UPDATE CHANNEL ELEVATIONS AND AMEND CHANNEL TOPOGRAPHY DOWNSTREAM OF CENTRAL EXPRESSWAY. UPDATED CHANNEL TOPO FROM 2024 COMBINED WITH SEPTEMBER 2021 SURVEY BY R.E.Y. ENGINEERS.
2. ELEVATIONS ARE BASED ON SCVWD BM-146 AND BM-148. ELEVATIONS ARE IN FEET NAVD88.
3. COORDINATES AND BEARINGS ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 3, NAD83. UNITS ARE US SURVEY FEET.
4. STEVENS CREEK CENTERLINE ALIGNMENT WAS PROVIDED BY VALLEY WATER AND IS IDENTICAL TO THAT SHOWN ON PLANS FOR THE 2015 EVELYN BRIDGE FISH PASSAGE PROJECT (SCVWD PROJECT NUMBER 26042002.)
5. THE SLOPE OF SOME OF THE APPROXIMATE EXCAVATION LINES SHOWN MAY BE STEEPER THAN SITE CONDITIONS WILL ALLOW. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK IS COMPLETED SAFELY AND IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
6. SEE SHEETS D-02 TO D-04 FOR LOCATION AND SHEET C-08 FOR EXTENT OF DEMOLITION FOR EXISTING SHEET PILES.
7. CONTRACTOR SHALL FIELD VERIFY ALL TOPOGRAPHY ELEVATIONS PROVIDED HEREIN AND FIELD CONDITIONS PRIOR TO DEMOLITION ACTIVITIES.

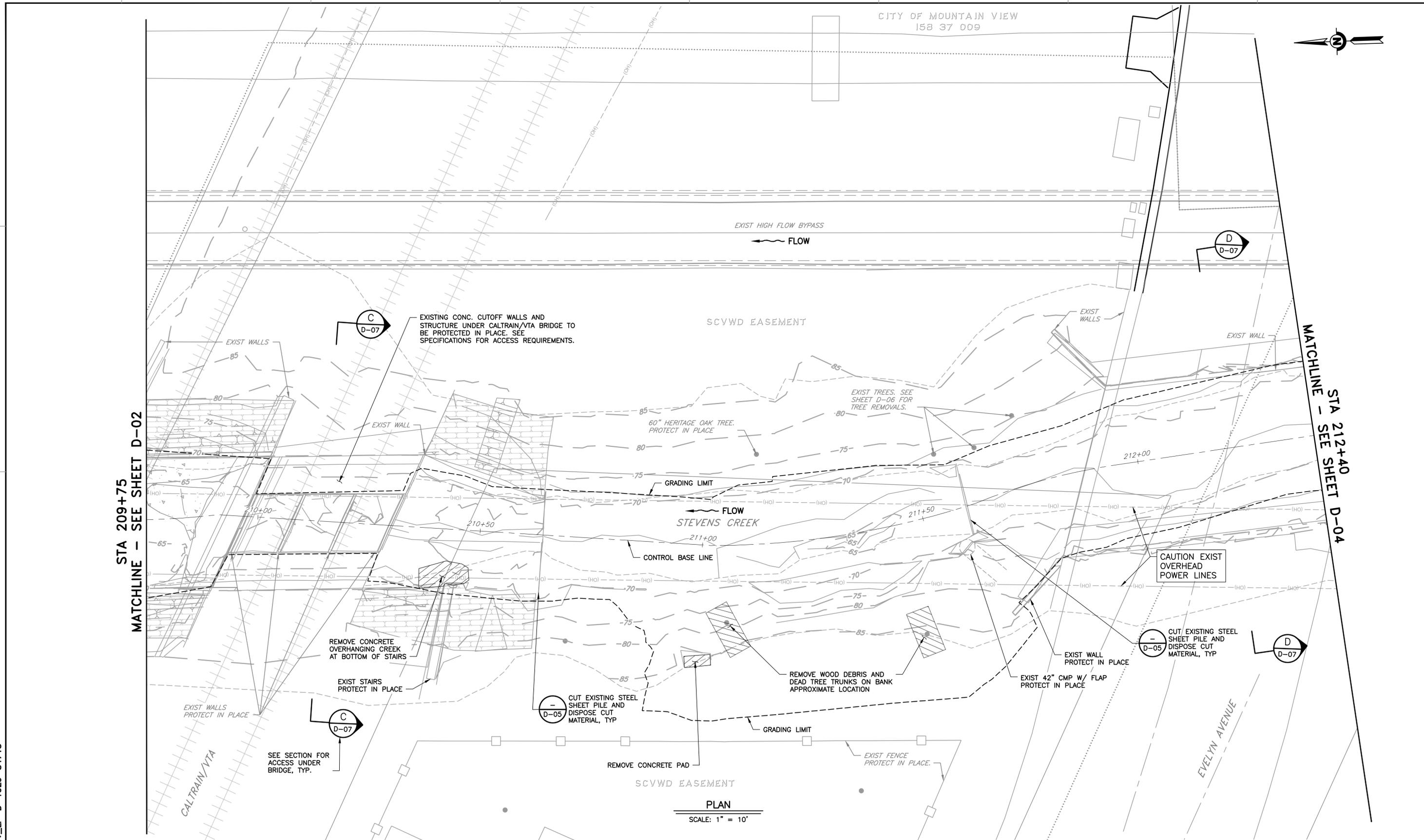


REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER
		04/07/2025						<b>STEVENS CREEK            EVELYN FISH PASSAGE PROJECT</b> EXISTING TOPOGRAPHY AND DEMOLITION PLAN OVERVIEW	AS SHOWN	62084001
									VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>D-01</b>
										SHEET NUMBER: 16



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DOCUMENT NUMBER: STV\_LP-D-1029-84713

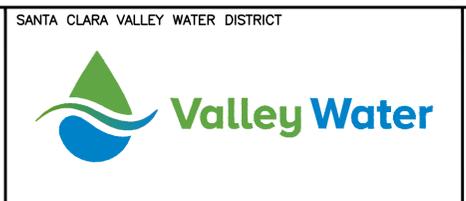


PLAN  
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION 
DESIGN D. RUTTENBERG	
DRAWN T. TRAN	
CHECKED K. NEUMAN	
	ENGINEER DATE

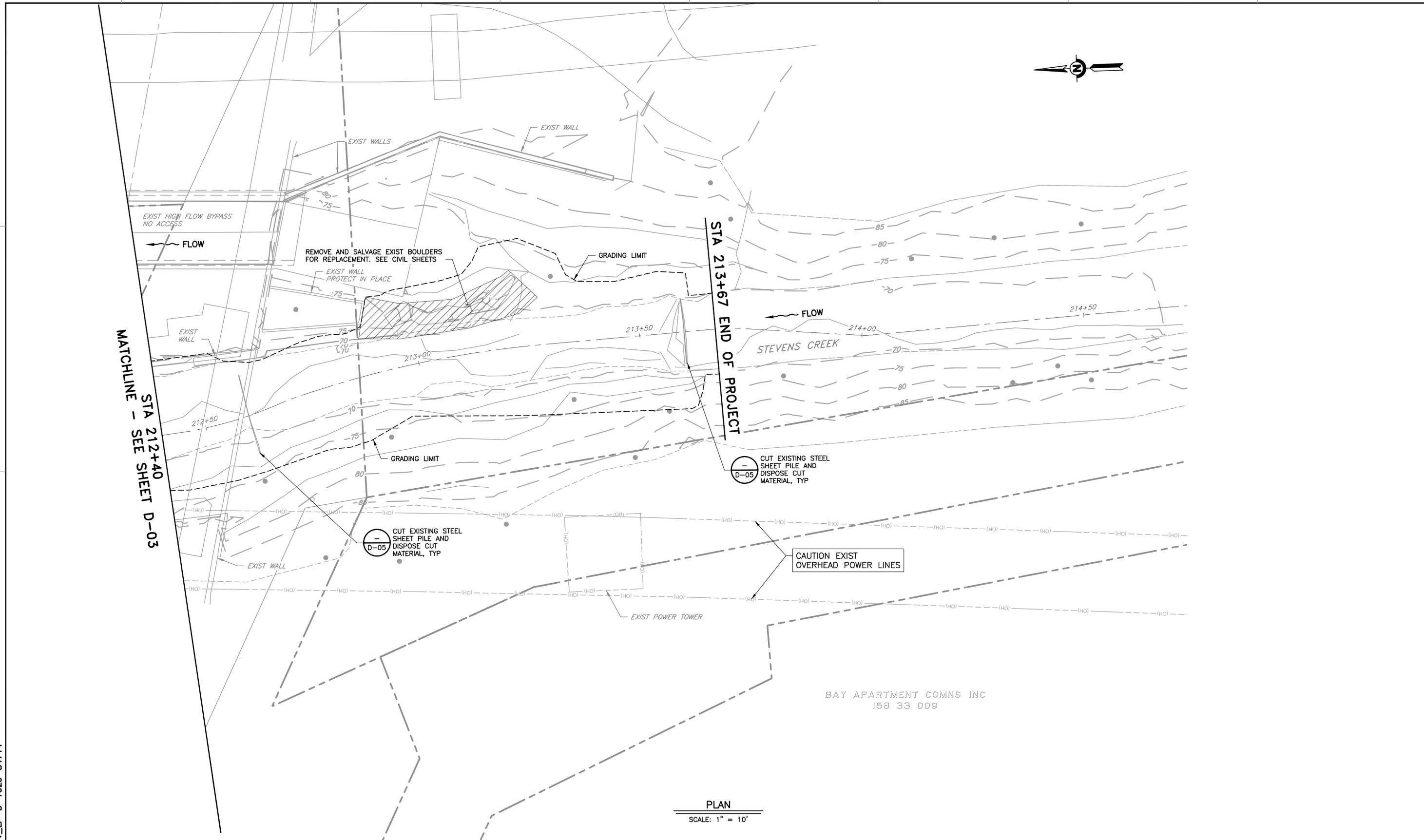


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 EXISTING TOPOGRAPHY AND DEMOLITION PLAN  
 STA 209+64 TO STA 212+40

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 	SHEET CODE: <b>D-03</b>
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NUMBER: 18

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DOCUMENT NUMBER: STV\_LP-D-1029-84714



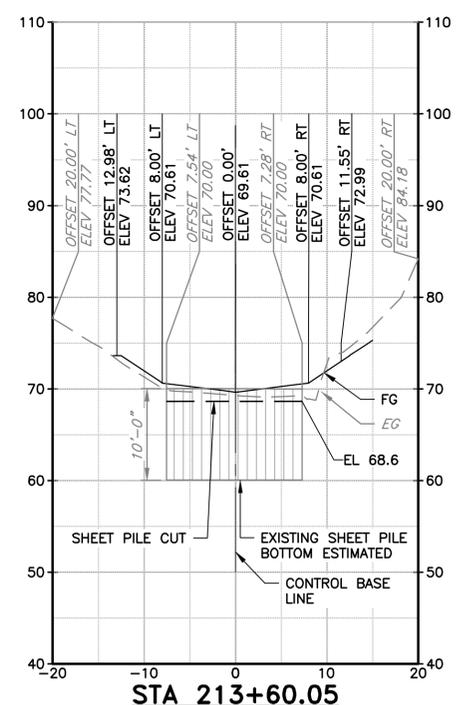
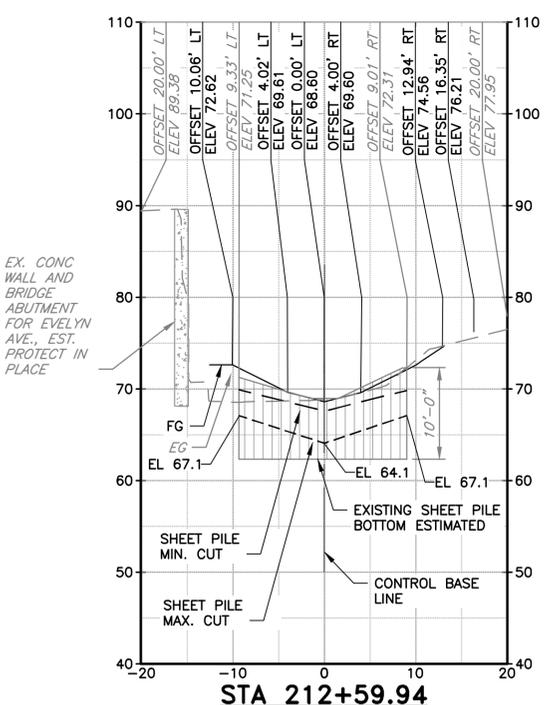
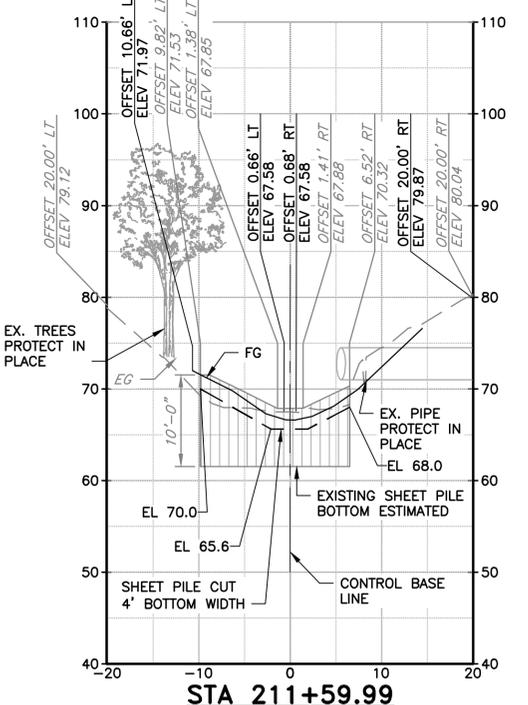
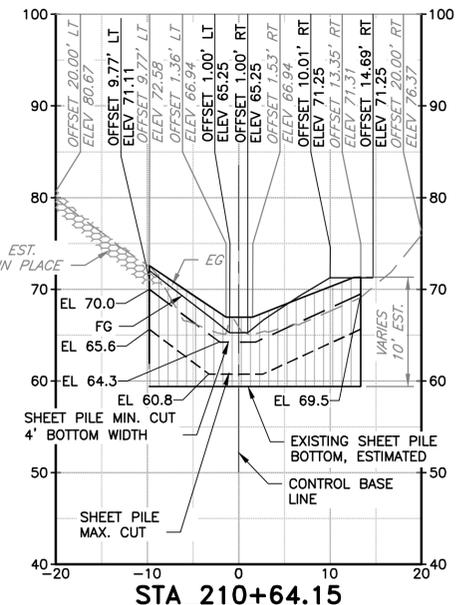
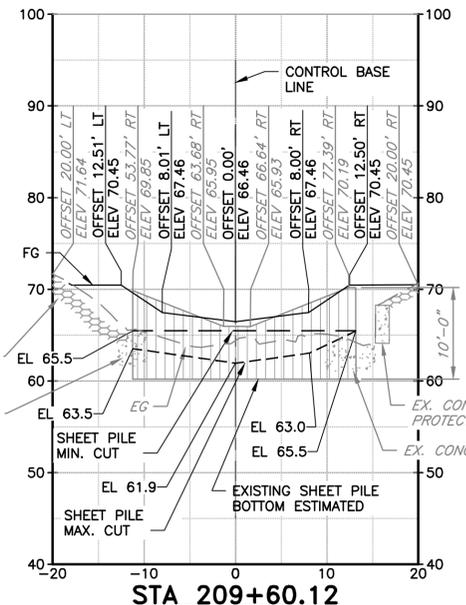
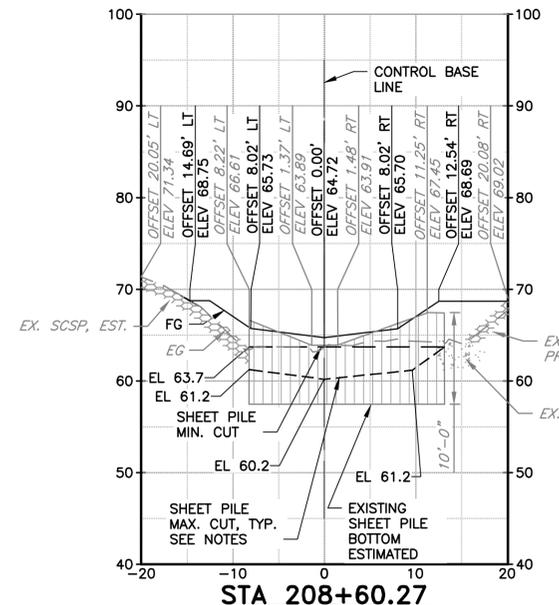
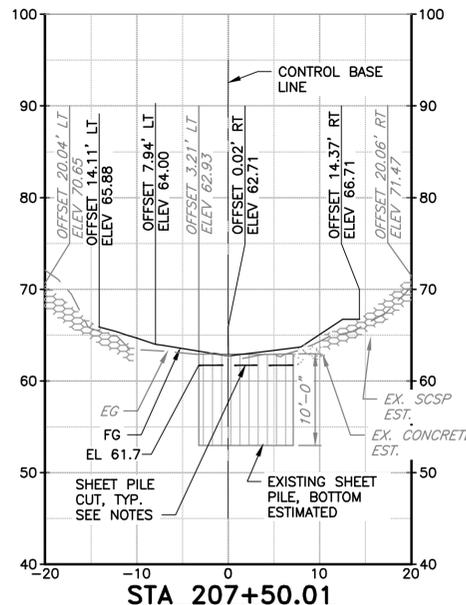
BAY APARTMENT COMMS INC  
 158 33 009

PLAN  
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE AS SHOWN	PROJECT NUMBER
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					DRAWN T. TRAN					
					CHECKED K. NEUMAN					
					ENGINEER DATE					
								<b>STEVENS CREEK            EVELYN FISH PASSAGE PROJECT</b> EXISTING TOPOGRAPHY AND DEMOLITION PLAN STA 212+40 TO STA 213+67		

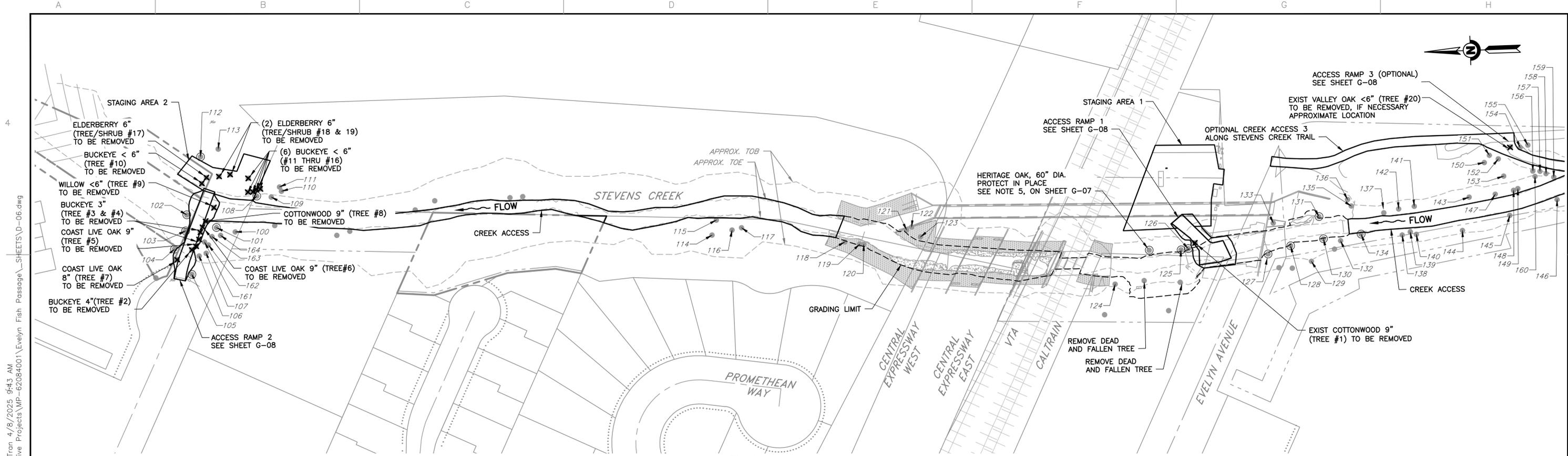
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DOCUMENT NUMBER: STV\_LP-D-1029-84715



- NOTES:**
- MINIMUM CUT LINES SHOWN, TYPICALLY 1 FOOT MINIMUM BELOW FG AND NEAR EXISTING GRADE TO FACILITATE ACCESS.
  - OPTIONAL MAXIMUM CUT LINES SHOWN, LOCATED NO GREATER THAN 4.5' BELOW FG. SOME LOCATIONS OF MAXIMUM CUT LINE VARY TO PROTECT EXISTING CONCRETE AND TREES, AS SHOWN. MAXIMUM CUT LINES ARE TO FACILITATE ACCESS DURING SUBGRADE EXCAVATION, AS NEEDED.
  - CUT LINES ON STEEL SHEET PILES AT STATIONS 207+50, 211+60, AND 213+60 ARE AS SHOWN WITH ONLY ONE CUT ALLOWED.
  - CUT SHEET PILES AND GRIND OFF SHARP EDGES.
  - SEE SPECIFICATIONS.

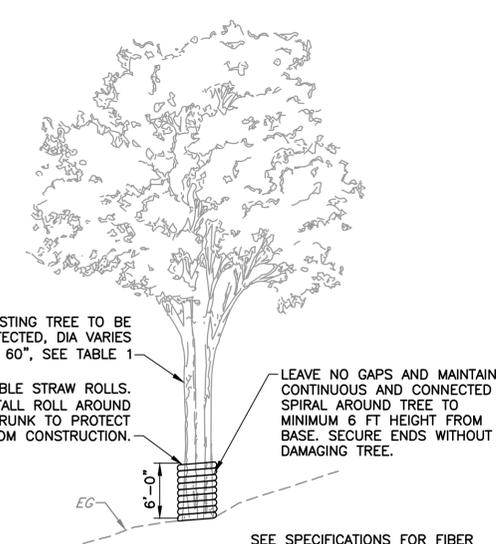
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER
					04/07/2025			<b>STEVENS CREEK            EVELYN FISH PASSAGE PROJECT</b> DEMOLITION CROSS SECTIONS AT EXISTING SHEET PILES	H: 1"=10' V: 1"=10' VERIFY SCALES 0 1"	<b>62084001</b> SHEET CODE: <b>D-05</b> SHEET NUMBER: 20



PLAN  
SCALE: 1" = 60'

USERNAME: TungTran 4/8/2025 9:43 AM  
FILENAME: K:\Active Projects\MP-62084001\Evelyn Fish Passage\MP-SHEETS\D-06.dwg

DOCUMENT NUMBER: STV\_LP-D-1029-84716



DETAIL 1 TREE WRAP PROTECTION  
SCALE: NTS

NOTES:  
1. SEE TABLE 1 ON THIS SHEET

TABLE 1 - TREES TO BE PROTECTED IN PLACE

TREE ID	SPECIES AND DBH(INCHES)
100	COTTONWOOD 12IN
101	COTTONWOOD 15IN
102	COAST LIVE OAK 19IN
103	BUCKEYE 10IN
104	COAST LIVE OAK 12IN
105	COAST LIVE OAK 12IN
106	COAST LIVE OAK 7IN
107	COAST LIVE OAK 6IN
108	BLACK WALNUT 12IN
109	TREE 12 IN
110	TREE 24 IN
111	TREE 12 IN
112	BLACK WALNUT > 12IN
113	COAST LIVE OAK 48IN
114	BUCKEYE 12IN
115	BUCKEYE 3IN TAKE
116	WALNUT 5IN TAKE
117	WALNUT 6IN TAKE
118	EUCALYPTUS 13IN TAKE
119	COTTONWOOD 11IN
120	COTTONWOOD 11IN
121	HOLLYLEAF CHERRY 5IN
122	HOLLYLEAF CHERRY 12IN

TABLE 1 - TREES TO BE PROTECTED IN PLACE

TREE ID	SPECIES AND DBH(INCHES)
123	POST LIVE OAK 10IN
124	TREE 20IN
125	COTTONWOOD 12IN
126	COTTONWOOD 12IN
127	RED WILLOW 12IN
128	COTTONWOOD 12IN
129	TREE 22IN
130	COTTONWOOD 12IN
131	COTTONWOOD 12IN
132	BUCKEYE 5IN TAKE
133	TREE CLUSTER 12 12 8 6
134	TREE 18IN
135	TREE 10IN
136	TREE 28IN
137	BIGLEAF MAPLE 12IN
138	TREE 36IN
139	TREE 12IN
140	TREE 24IN
141	TREE 8IN
142	TREE 14IN
143	TREE 37IN
144	TREE 18IN
145	TREE 26IN

TABLE 1 - TREES TO BE PROTECTED IN PLACE

TREE ID	SPECIES AND DBH(INCHES)
146	TREE CLUSTER 27 10
147	TREE 40IN
148	TREE 18IN
149	TREE 48IN
150	TREE 10IN
151	TREE 8IN
152	TREE 6IN
153	TREE 12IN
154	TREE 18IN
155	TREE 4IN
156	TREE 10IN
157	TREE 24IN
158	TREE 8IN
159	TREE 20IN
160	TREE 12IN
161	BUCKEYE 3IN
162	COTTONWOOD 5IN
163	COTTONWOOD 5IN
164	BUCKEYE 4IN

TREES TO BE WRAPPED:  
TREES TO RECEIVE TREE WRAP ON TABLE 1 AND AS SHOWN ON DETAIL 1 ARE:

101, 102, 103, 104, 105, 108, 112, 125, 126, 127, 128, 130, 131, 134, 154, 60" HERITAGE OAK

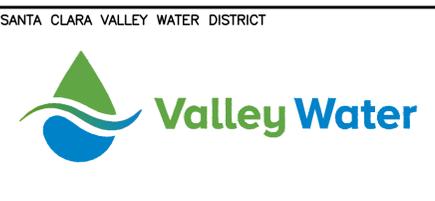
TABLE 2 - TREES FOR REMOVAL FOR TEMPORARY ACCESS

TREE ID	SPECIES	DBH (INCHES)
ACCESS RAMP 1		
1	COTTONWOOD	9"
ACCESS RAMP 2		
2	BUCKEYE	4"
3	BUCKEYE	3"
4	BUCKEYE	3"
5	COAST LIVE OAK	9"
6	COAST LIVE OAK	9"
7	COAST LIVE OAK	8"
8	COTTONWOOD	9"
9	WILLOW (IN CHANNEL)	<6"
STAGING AREA 2		
10	BUCKEYE	<6"
11	BUCKEYE	<6"
12	BUCKEYE	<6"
13	BUCKEYE	<6"
14	BUCKEYE	<6"
15	BUCKEYE	<6"
16	BUCKEYE	<6"
17	ELDERBERRY	6"
18	ELDERBERRY	6"
19	ELDERBERRY	6"
ACCESS RAMP 3 (OPTIONAL)		
20	VALLEY OAK	<6"

NOTES:  
1. NO REMOVAL OF NATIVE TREES WITH 12" DBH OR GREATER WILL BE ALLOWED.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE: 04/07/2025  
DESIGN: D. RUTTENBERG  
DRAWN: T. TRAN  
CHECKED: K. NEUMAN  
ENGINEER: DATE

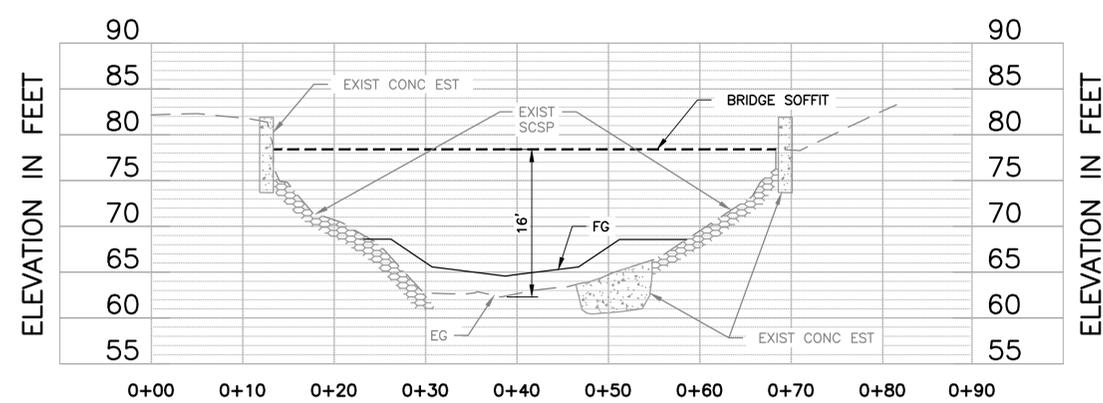


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
EVELYN FISH PASSAGE PROJECT**  
TREE REMOVAL AND TREE PROTECTION PLAN

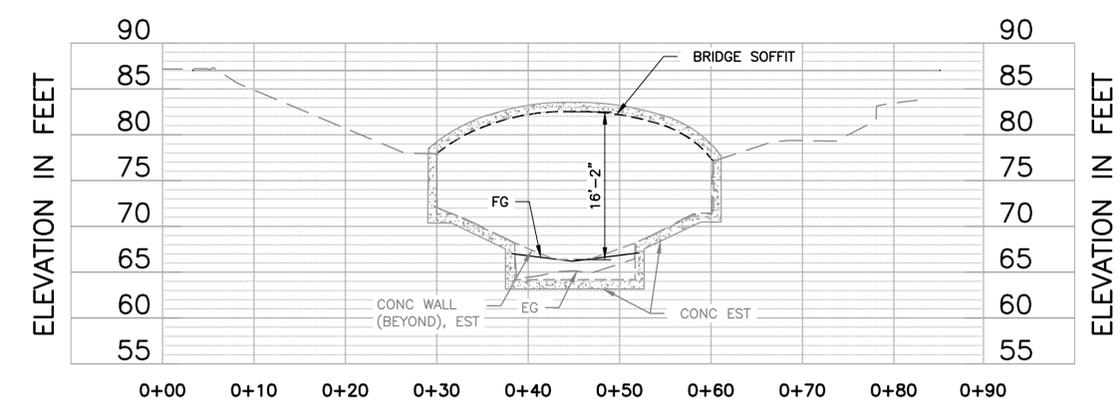
SCALE: AS SHOWN  
VERIFY SCALES  
PROJECT NUMBER: 62084001  
SHEET CODE: D-06  
SHEET NUMBER: 21

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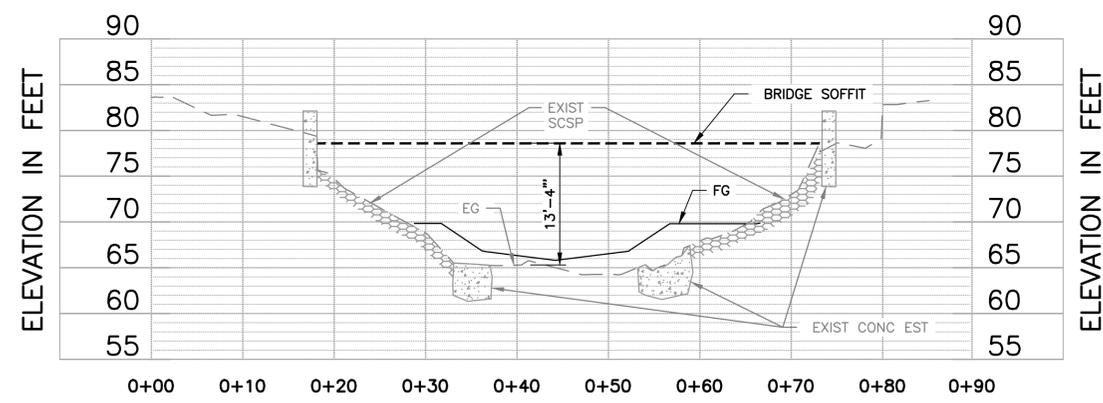
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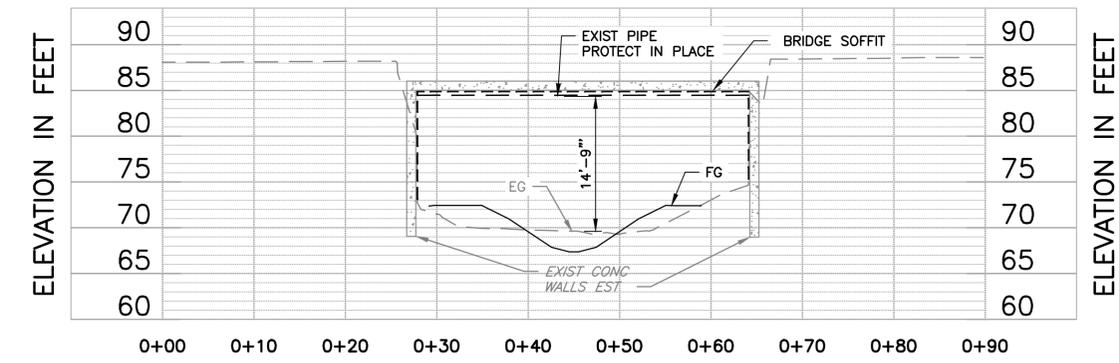
**SECTION A**  
 D-02 **CROSS SECTION AT CENTRAL EXPRESSWAY WEST**  
 STATION 208+55  
 SCALE: NTS



**SECTION C**  
 D-03 **CROSS SECTION AT CALTRAIN**  
 STATION 210+15  
 SCALE: NTS



**SECTION B**  
 D-02 **CROSS SECTION AT CENTRAL EXPRESSWAY EAST**  
 STATION 209+35  
 SCALE: NTS

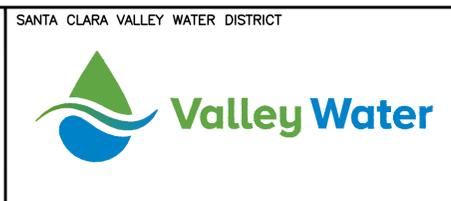


**SECTION D**  
 D-03 **CROSS SECTION AT EVELYN AVE**  
 STATION 212+20  
 SCALE: NTS

- NOTES:**
1. PROTECT IN PLACE CONCRETE, SCSP, AND CONCRETE WALLS UNDER BRIDGES, EXCEPT STRUCTURE ROCK PLACEMENT AS SHOWN ON D-02 AND D-03.
  2. SEE SPECIFICATIONS FOR PROTECTION MEASURES FOR ACCESS UNDER CALTRAIN BRIDGE.
  3. CONTRACTOR TO CONFIRM REQUIRED OVERHEAD CLEARANCES FOR EQUIPMENT ACCESS.
  4. ALL BRIDGES TO BE PROTECTED IN PLACE PER UTILITY AND OWNER REQUIREMENTS AND AS INDICATED IN THE SPECIFICATIONS.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

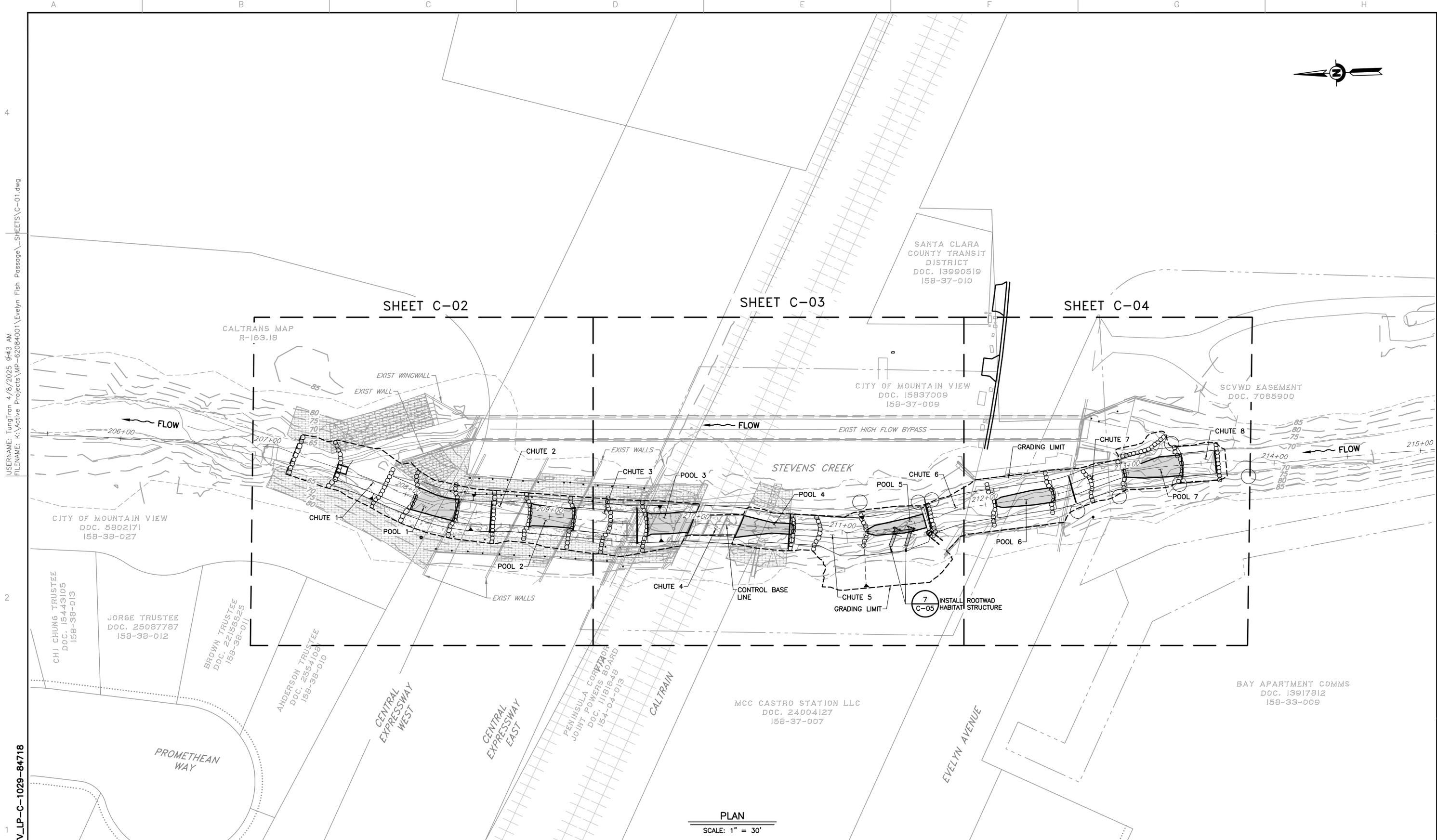
DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE



PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK**  
**EVELYN FISH PASSAGE PROJECT**  
 SECTIONS FOR ACCESS UNDER BRIDGES

SCALE AS SHOWN  
 VERIFY SCALES  
 0 1"  
 BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: **62084001**  
 SHEET CODE: **D-07**  
 SHEET NUMBER: **22**



PLAN  
SCALE: 1" = 30'

USERNAME: TungTran 4/8/2025 9:43 AM  
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 DOCUMENT NUMBER: STV\_LP-C-1029-84718

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE	04/07/2025
DESIGN	D. RUTENBERG
DRAWN	T. TRAN
CHECKED	K. NEUMAN
ENGINEER	

ENGINEERING CERTIFICATION  
 SANTA CLARA VALLEY WATER DISTRICT  
  
 ENGINEER DATE

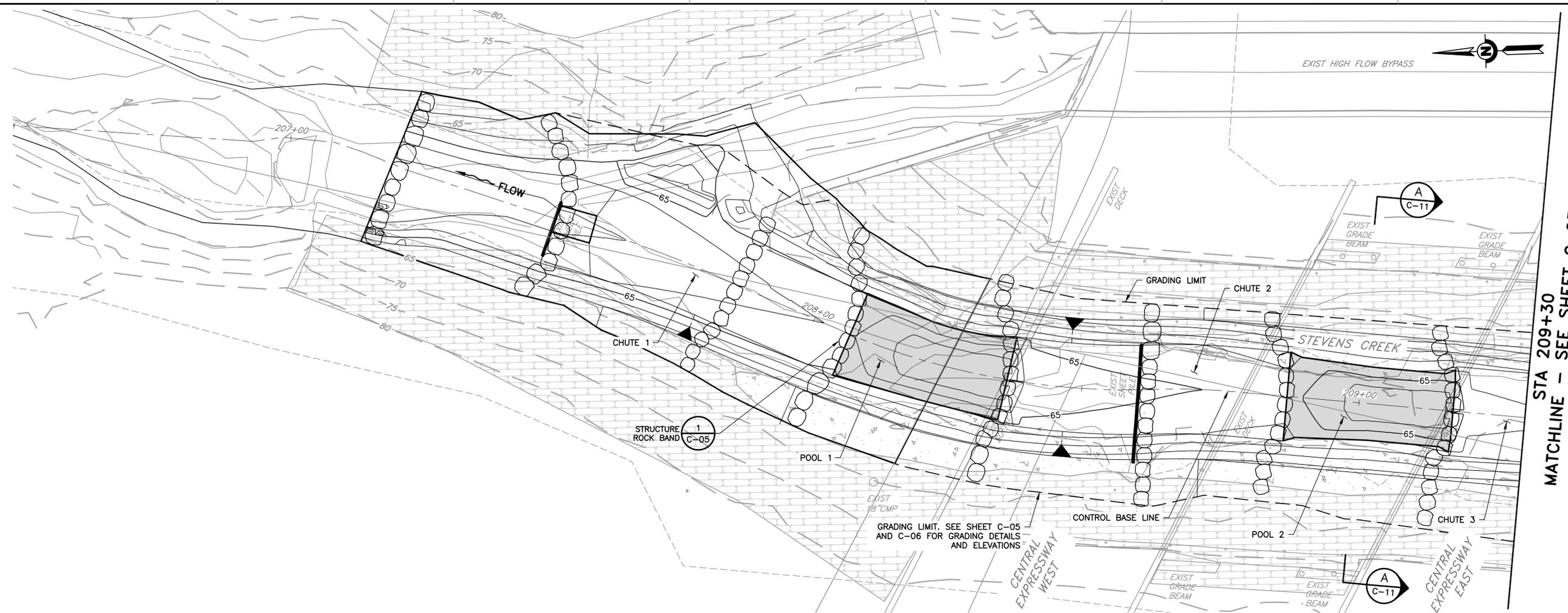


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 GRADING PLAN OVERVIEW

SCALE	AS SHOWN	PROJECT NUMBER	62084001
VERIFY SCALES	0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE:	C-01
		SHEET NUMBER:	23

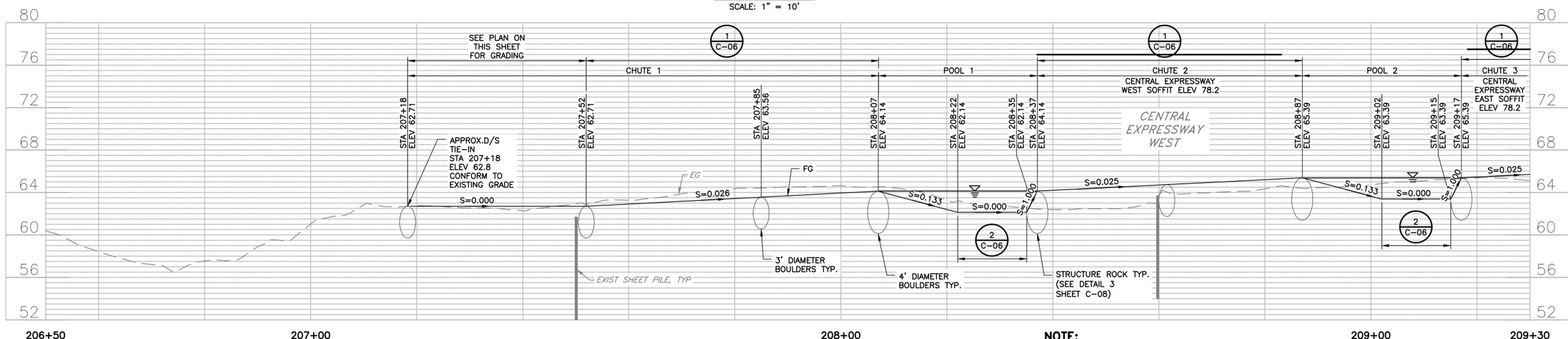
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DOCUMENT NUMBER: STV\_LP-C-1029-84719



MATCHLINE - SEE SHEET C-03  
 STA 209+30

**PLAN**  
 SCALE: 1" = 10'



**PROFILE**  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'

**NOTE:**  
 1. TRANSITION GRADING BETWEEN ADJACENT TYPICAL SECTIONS WHERE TYPICAL SECTIONS NOT INDICATED ON PROFILE.

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES  
 1. EXIST SHEET PILE TO BE PARTIALLY REMOVED DURING EXCAVATION FOR ESM PLACEMENT. SEE SHEET PILE REMOVAL REQUIREMENTS ON SHEET D-05.

DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE

ENGINEERING CERTIFICATION: SANTA CLARA VALLEY WATER DISTRICT

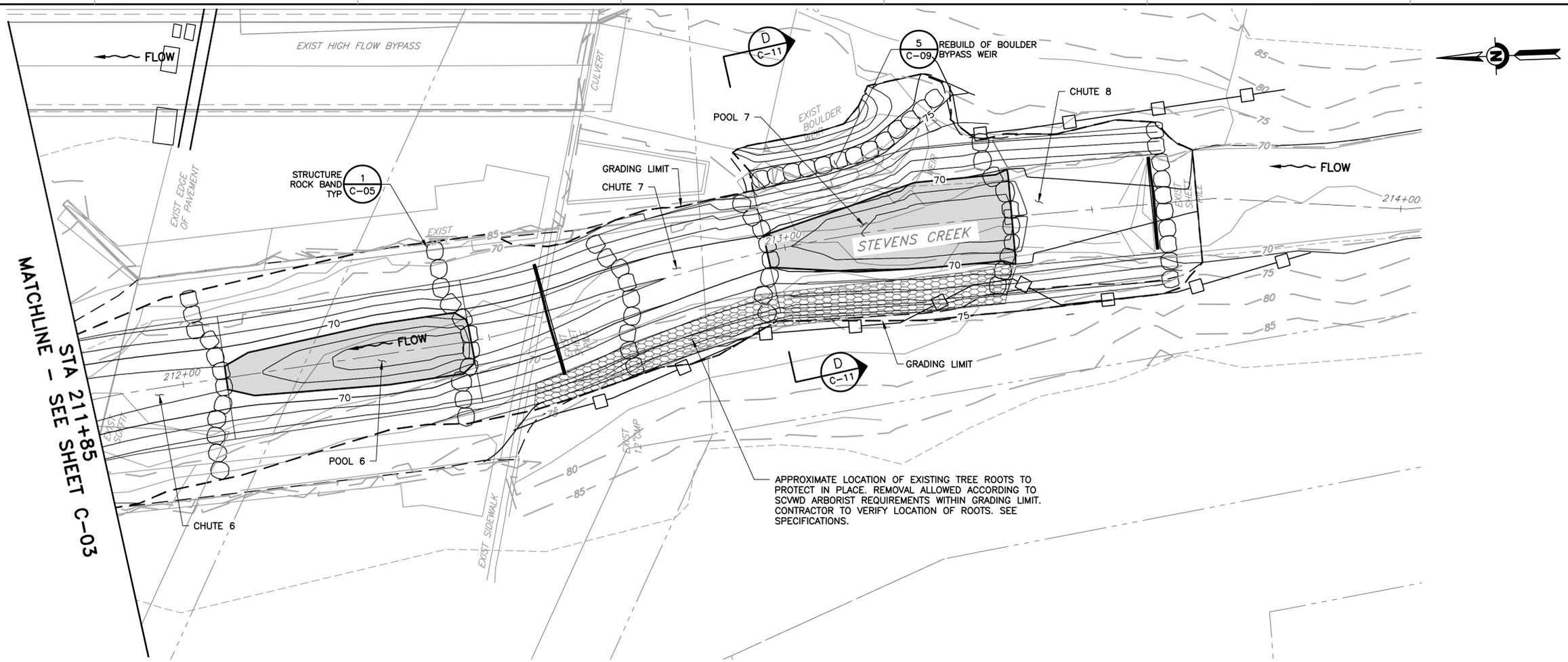
PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 PLAN AND PROFILE STA 206+50 TO STA 209+30

SCALE: AS SHOWN  
 VERIFY SCALES: 0 to 1" BAR IS ONE INCH ON ORIGINAL DRAWING  
 PROJECT NUMBER: 62084001  
 SHEET CODE: C-02  
 SHEET NUMBER: 24



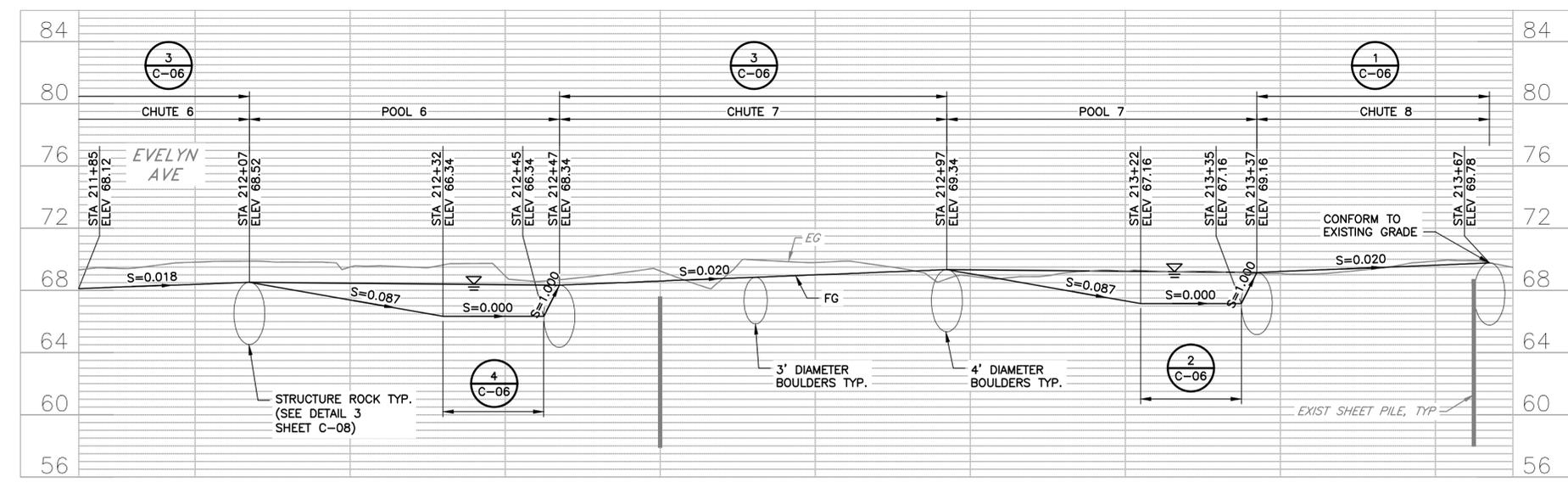
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DOCUMENT NUMBER: STV\_LP-C-1029-84721



PLAN

SCALE: 1" = 20'



PROFILE

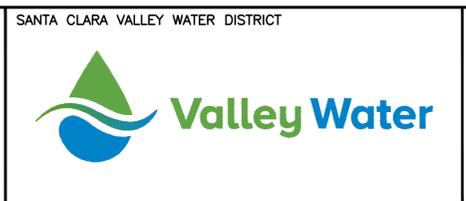
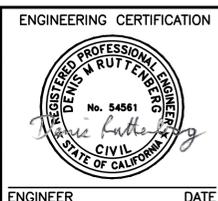
HORIZ: 1" = 10'  
 VERT: 1" = 5'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES

- EXIST SHEET PILE TO BE PARTIALLY REMOVED DURING EXCAVATION FOR ESM. THE PORTION OF EACH EXIST SHEET PILE REMOVED IS TBD DURING CONSTRUCTION BASED ON SITE CONDITIONS.

DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE

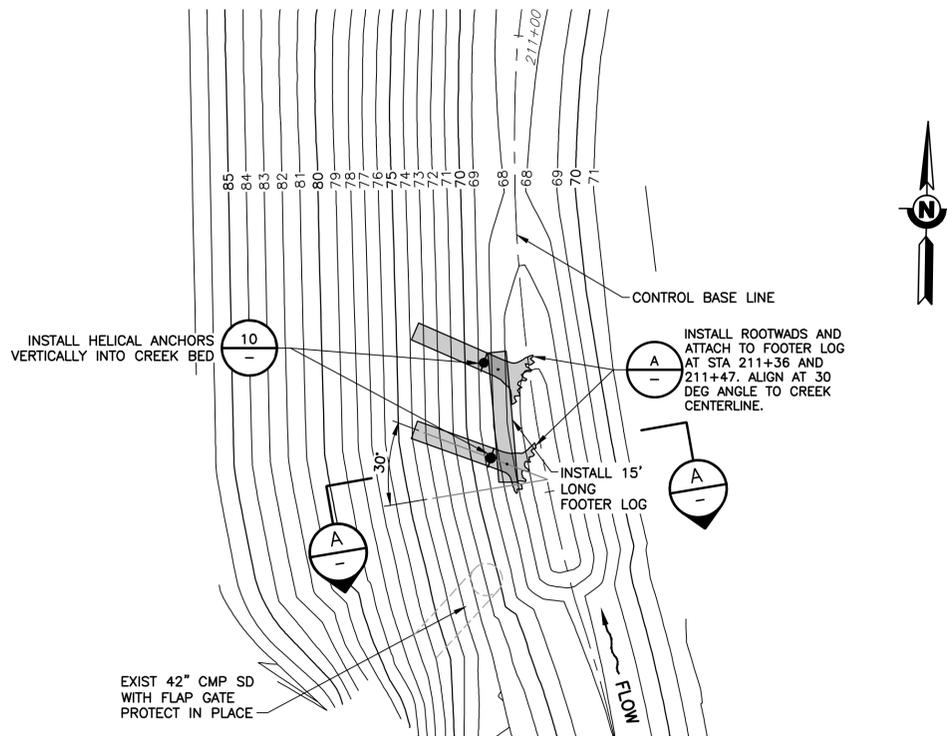


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 PLAN AND PROFILE STA 211+85 TO 213+67

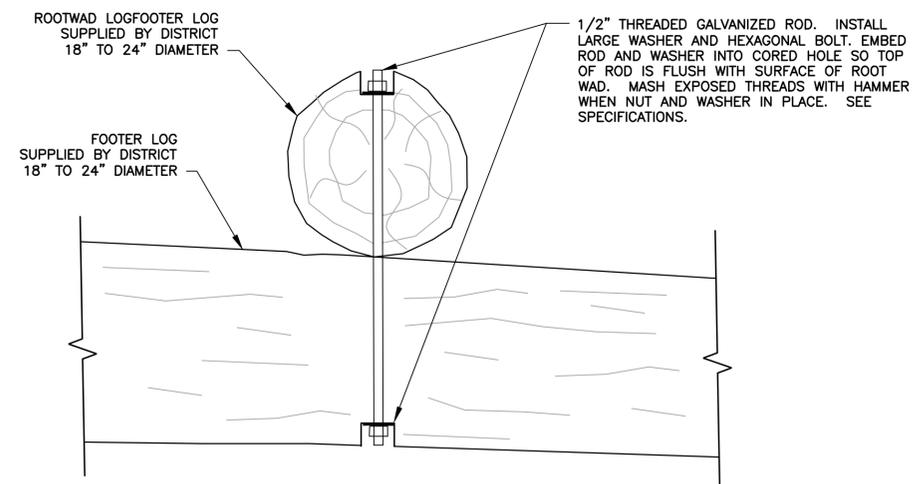
SCALE: AS SHOWN  
 VERIFY SCALES  
 PROJECT NUMBER: 62084001  
 SHEET CODE: C-04  
 SHEET NUMBER: 26

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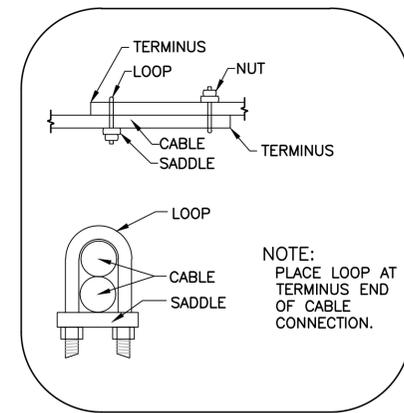


**DETAIL 7**  
**C-02** **PLAN - ROOTWAD HABITAT STRUCTURE**  
**STATION 211+30 TO 211+50**  
 SCALE: 1" = 10'



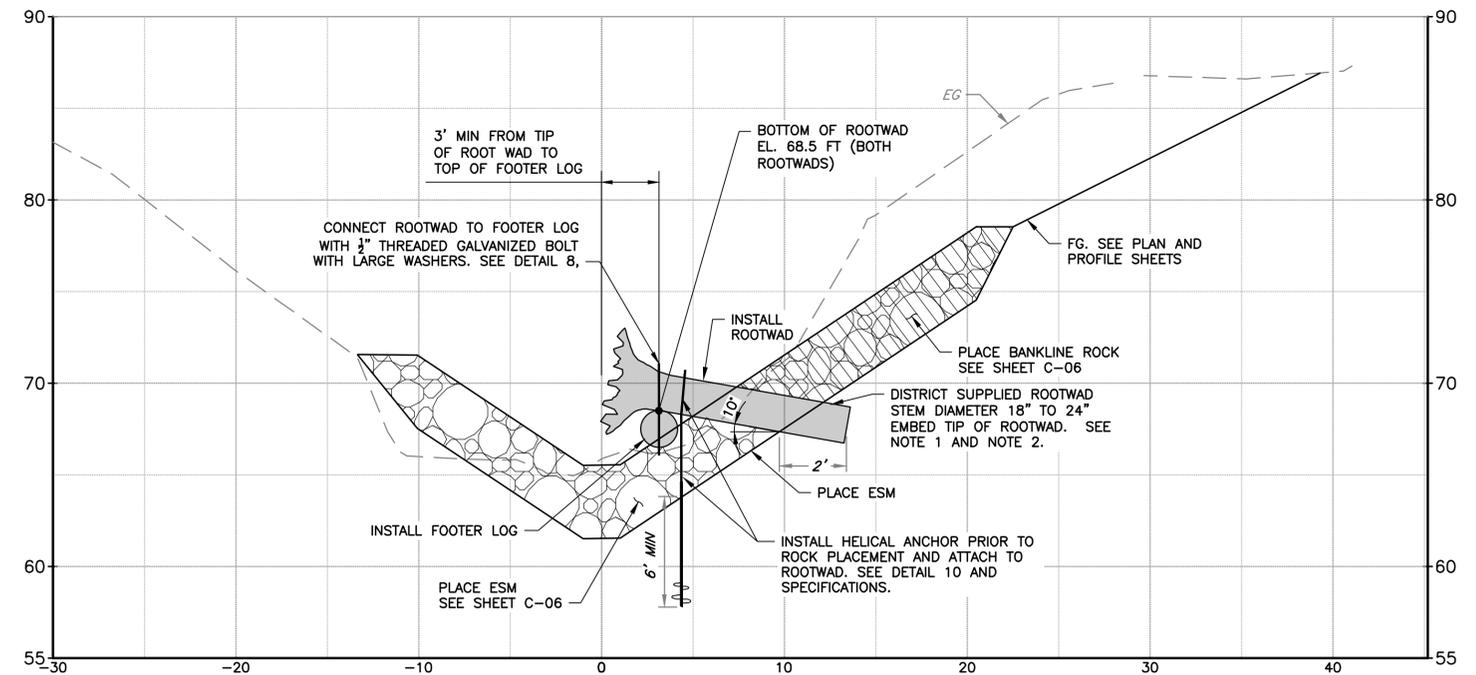
**DETAIL 8**  
**FOOTER-ROOTWAD CONNECTION WITH THREADED ROD**  
 SCALE: NOT TO SCALE

**NOTE:**  
 DETAIL IS LOOKING TOWARDS BANK.



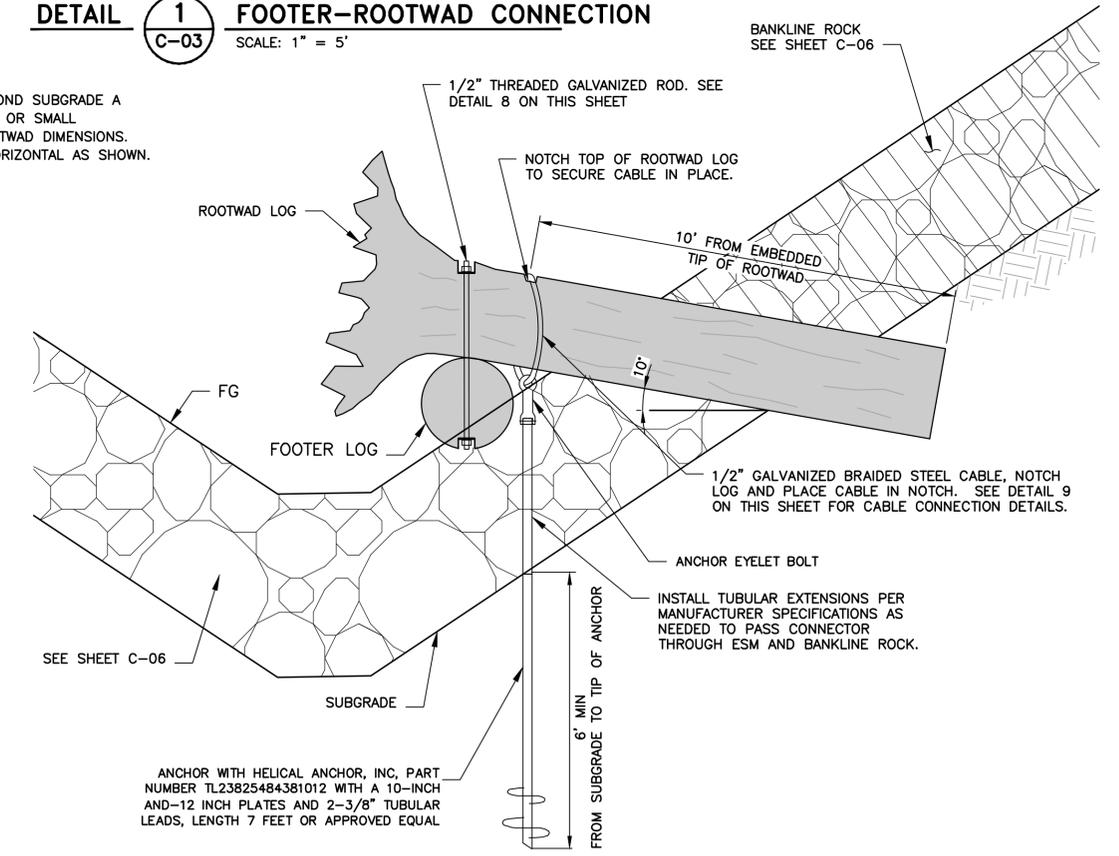
**DETAIL 9**  
**CABLE CONNECTION**  
 SCALE: NOT TO SCALE

**NOTES:**  
 1. MAKE CABLE CONNECTIONS IN AREAS TO BE BACKFILLED AND MINIMIZE EXPOSED CABLE.  
 2. CABLE TO BE 1/2" GALVANIZED BRAIDED STEEL CABLE, OR APPROVED EQUAL.



**STA 211+45**  
**DETAIL 1**  
**C-03** **FOOTER-ROOTWAD CONNECTION**  
 SCALE: 1" = 5'

**NOTES:**  
 1. EMBED TIP OF ROOTWAD INTO EXISTING BANK BEYOND SUBGRADE A MINIMUM OF 2 FEET INTO DRILLED AUGURED HOLE OR SMALL EXCAVATED TRENCH. SEE SPECIFICATIONS FOR ROOTWAD DIMENSIONS.  
 2. INSTALL ROOTWAD STEM SO STEM IS 10' FROM HORIZONTAL AS SHOWN.



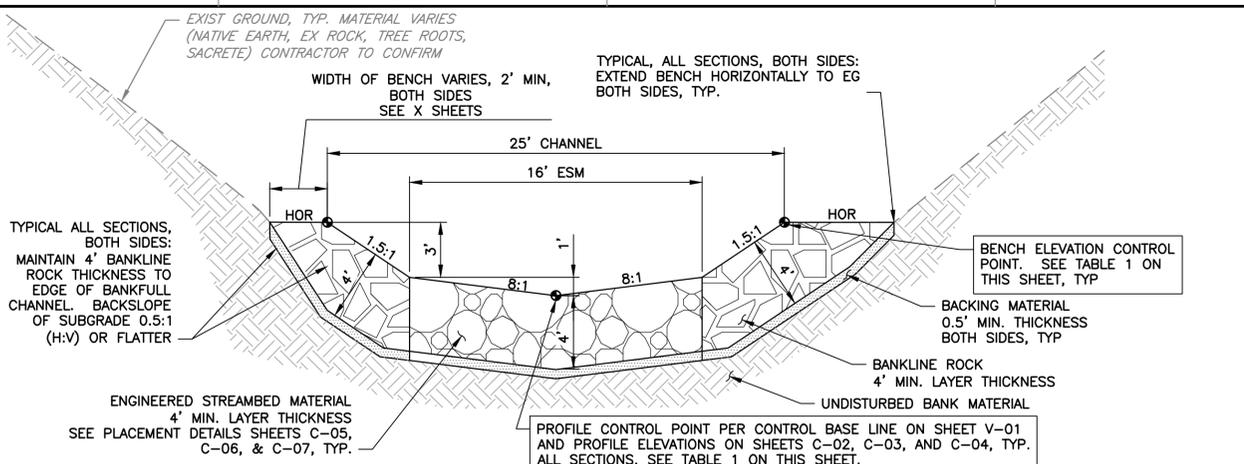
**DETAIL 10**  
**HELICAL ANCHOR**  
 SCALE: NOT TO SCALE

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

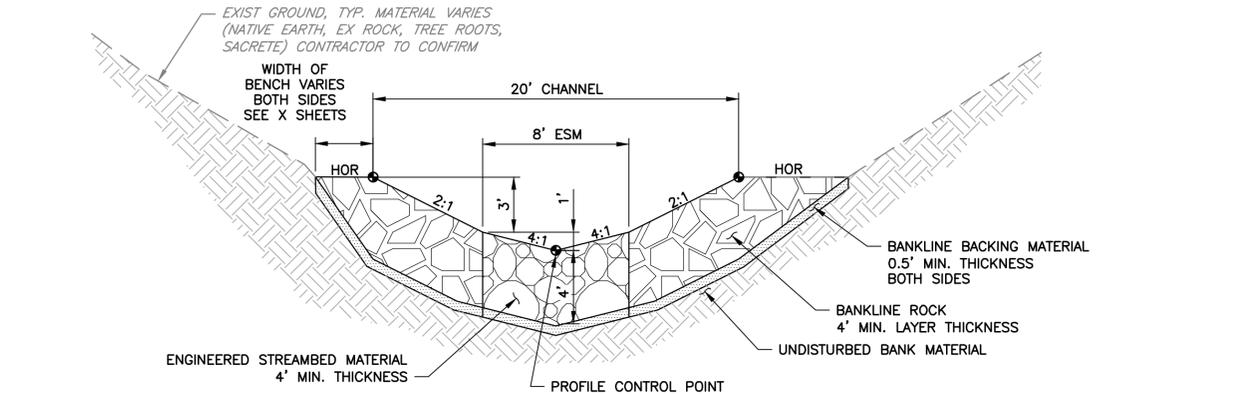
DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b>		SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
INSTREAM HABITAT DETAILS		VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>C-05</b>
			SHEET NUMBER: 27

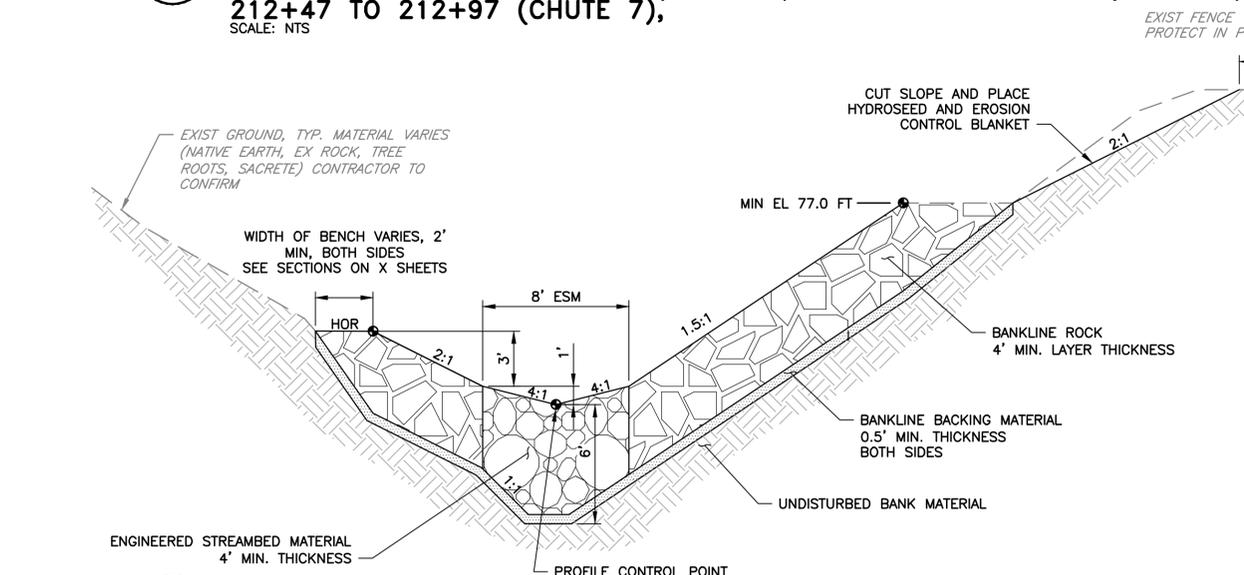
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 DOCUMENT NUMBER: STV\_LP-C-1029-84723



**SECTION 1**  
 TYPICAL CROSS SECTION DETAIL FOR CHUTES, 25' CHANNEL  
 STATIONS 207+52 TO 208+07 (CHUTE 1), 208+37 TO 208+87 (CHUTE 2),  
 209+17 TO 209+67 (CHUTE 3), 213+37 TO 213+62 (CHUTE 8)  
 SCALE: NTS

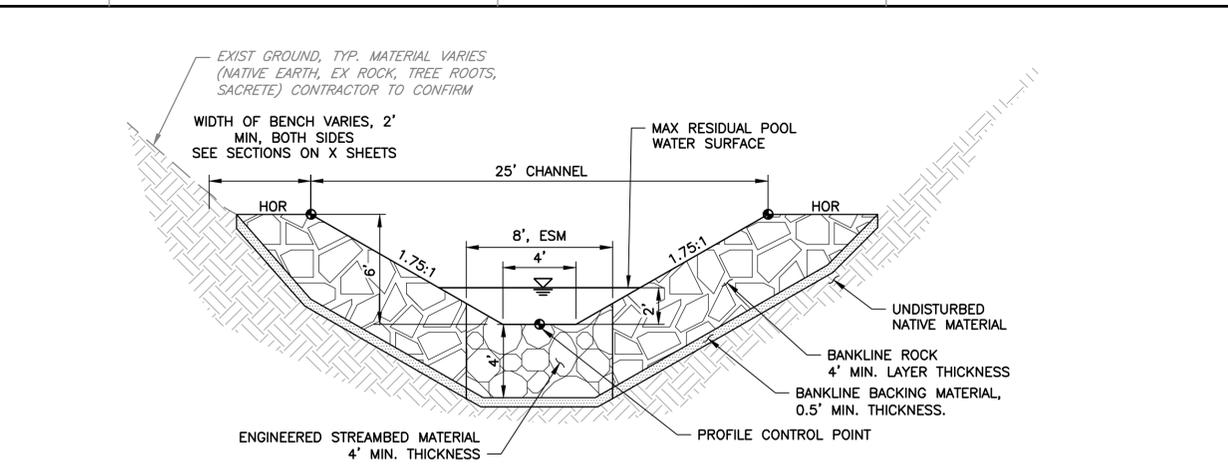


**SECTION 3**  
 TYPICAL CROSS SECTION DETAIL FOR CHUTES, 20' CHANNEL  
 STATIONS 210+67 TO 210+85 (CHUTE 5), 211+62 TO 212+07 (CHUTE 6),  
 212+47 TO 212+97 (CHUTE 7),  
 SCALE: NTS

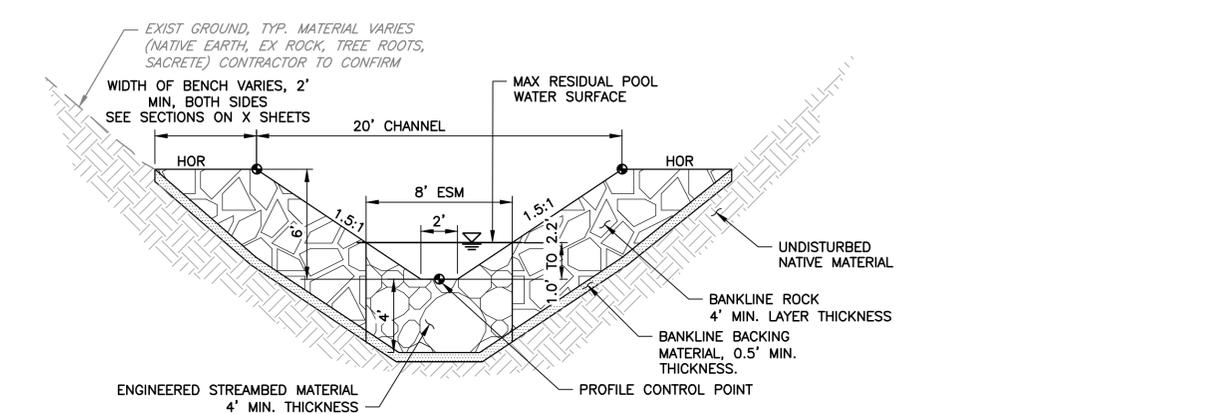


**SECTION 5**  
 TYPICAL CROSS SECTION FOR CHUTES, 20' CHANNEL & SLOPE PROTECTION  
 STATION 211+00 TO 211+17 (CHUTE 5)  
 SCALE: NTS

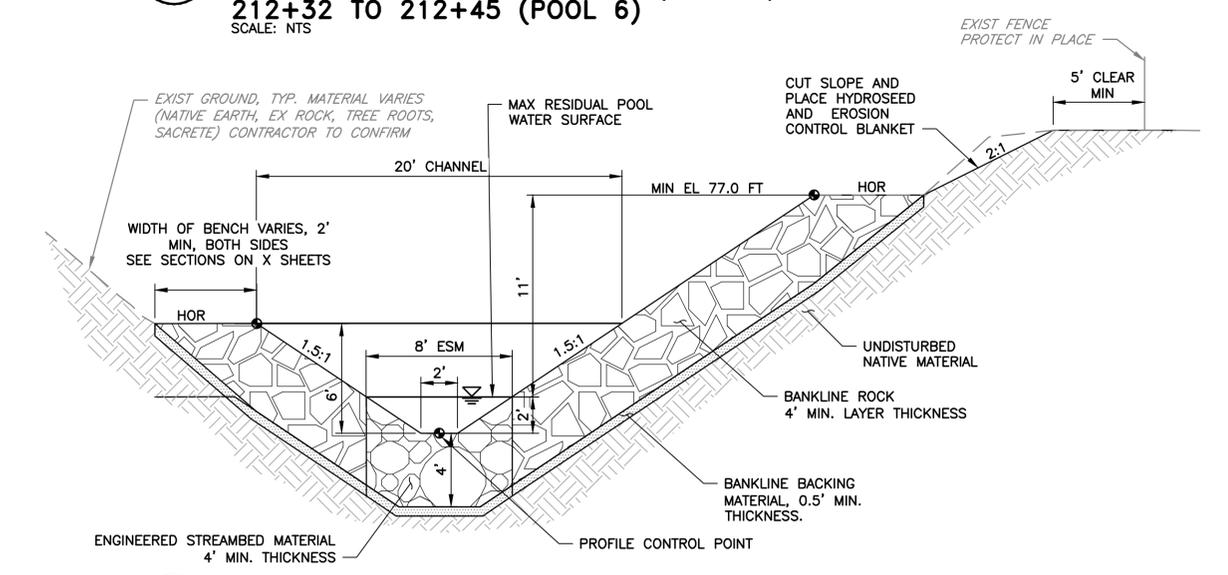
TABLE 1. DESIGN FG CONTROL POINTS			
STATION	PROFILE CONTROL POINT ELEVATION, FT	BENCH ELEVATION POINT, FT	FEATURE
207+18	62.71	66.71	CHUTE 1
207+52	62.71	66.71	CHUTE 1
208+07	64.14	68.14	CHUTE 1
208+22	62.14	68.14	POOL 1
208+35	62.14	68.14	POOL 1
208+37	64.14	68.14	CHUTE 2
208+87	65.39	69.39	CHUTE 2
209+02	63.39	69.39	POOL 2
209+15	63.39	69.39	POOL 2
209+17	65.39	69.39	CHUTE 3
209+67	66.64	70.64	CHUTE 3
209+82	64.14	70.64	POOL 3
209+96	64.14	70.64	POOL 3
209+97	66.14	70.64	CHUTE 4
210+30	66.25	70.25	CHUTE 4
210+52	65.25	70.25	POOL 4
210+65	65.25	70.25	POOL 4
210+67	66.70	70.70	CHUTE 5
211+17	67.70	71.70	CHUTE 5
211+42	65.52	71.70	POOL 5
211+58	65.52	71.70	POOL 5
211+62	67.70	71.70	CHUTE 6
212+07	68.52	72.52	CHUTE 6
212+32	66.34	72.52	POOL 6
212+45	66.34	72.52	POOL 6
212+47	68.34	72.34	CHUTE 7
212+97	69.34	73.34	CHUTE 7
213+22	67.19	73.34	POOL 7
213+35	67.19	73.34	POOL 7
213+37	69.16	73.16	CHUTE 8
213+67	69.78	73.78	CHUTE 8



**SECTION 2**  
 TYPICAL CROSS SECTION DETAIL FOR POOLS, 25' CHANNEL  
 STATIONS 208+22 TO 208+35 (POOL 1), 209+02 TO 209+15 (POOL 2),  
 209+82 TO 209+97 (POOL 3), 213+22 TO 213+35 (POOL 7)  
 SCALE: NTS



**SECTION 4**  
 TYPICAL CROSS SECTION DETAIL FOR POOLS, 20' CHANNEL  
 STATIONS 210+52 TO 210+65 (POOL 4),  
 212+32 TO 212+45 (POOL 6)  
 SCALE: NTS



**SECTION 6**  
 TYPICAL CROSS SECTION FOR POOLS, 20' CHANNEL, SLOPE PROTECTION  
 STATION 211+42 TO 211+58 (POOL 5)  
 SCALE: NTS

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER
					04/07/2025			<b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> TYPICAL CROSS SECTION FOR CHUTES AND POOLS	AS SHOWN	62084001
									VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>C-06</b> SHEET NUMBER: 28

**GENERAL ROCK NOTES**

- ROCK PLACEMENT SHALL BE AT THE DISCRETION OF ENGINEER, BUT IS GENERALLY SHOWN.
- ALL ROCK DIMENSIONS ARE MEASURED ALONG THE INTERMEDIATE AXIS, WHICH IS AN AXIS THAT IS NOT THE MINOR OR MAJOR AXIS. THE MINOR AXIS OF AN INDIVIDUAL ROCK FRAGMENT SHALL NOT BE LESS THAN ONE-THIRD THE MAJOR AXIS.

**BANKLINE ROCK SPECIFICATIONS**

- GENERAL
  - BANKLINE ROCK IS LOCATED ALONG THE CHANNEL MARGINS WHERE SHOWN.
- PRODUCTS
  - BANKLINE ROCKS ARE TO BE RIGID AND RESISTANT TO EROSION. FACES SHALL BE UNEVEN, PROTRUDE INTO THE CHANNEL AND BE ROUGH IN APPEARANCE.
  - BANKLINE ROCKS SHALL BE 1 TON CLASS VIII ROCK WITH BACKING MATERIAL.
  - BANKLINE FILLER AND BACKING MATERIAL SHALL FOLLOW THE BELOW GRADATION TABLE.

PERCENT FINER	DIAMETER (INCHES)	SIEVE SIZE
100	9	9"
85	6	6"
50	1	1"
15	0.035	NO. 20
5	0.016	NO. 40

- EXECUTION
  - PREPARE SUBGRADE FOR RECEIVING ROCK BACKING MATERIAL.
  - INSTALL BACKING MATERIAL AND BANKLINE ROCK WHERE SHOWN ON THE DRAWINGS.
  - BUILD BANKLINE ROCK IN TWO FOOT LIFTS.
  - PLACE BANKLINE ROCK FILLER MATERIAL IN BANKLINE ROCK VOIDS WITH EACH LIFT. TAMP FILLER MATERIAL. FOLLOW BY WATER JETTING. CONTINUE UNTIL VOIDS VISUALLY APPEAR FILLED AND WATER REMAINS FLOWING ON THE SURFACE, OR A MINIMUM OF THREE PASSES WITH FILLER MATERIAL AND WATER JETTING. SEE SPECIFICATIONS

**STRUCTURE ROCK SPECIFICATIONS**

- GENERAL
  - STRUCTURE ROCK INCLUDES ROCK SPECIFICALLY PLACED IN CHUTES AND POOLS. STRUCTURE ROCK IS INTENDED TO PROVIDE THE CHANNEL'S STRUCTURAL FRAMEWORK AS WELL AS ROUGHNESS.
- PRODUCTS
  - STRUCTURE ROCK
    - STRUCTURE ROCK SHALL HAVE A MINIMUM SPECIFIC GRAVITY OF 2.5 AND SHALL BE DURABLE AND OF SUITABLE QUALITY, SOUND AND DENSE, FREE FROM CRACKS, SEAMS AND OTHER DEFECTS THAT INCREASE DETERIORATION FROM WEATHERING. FACES SHALL BE UNEVEN AND ROUGH IN APPEARANCE.
    - STRUCTURE ROCK APPROXIMATE DIAMETERS, BY GROUP, ARE LISTED IN THE BELOW TABLE. FINAL DESIGN TO CONFIRM AND UPDATE AS NECESSARY.

STRUCTURE ROCK	RANGE OF DIAMETER (INCHES)
A	48 - 54
B	41 - 47
C	32 - 44

- EXECUTION
  - STRUCTURE ROCK
    - ROCK SHALL BE INDIVIDUALLY SELECTED AND PLACED.
    - ROCK PLACEMENT SHALL BE AT THE DISCRETION OF THE ENGINEER.
    - PLACE ROCK SUCH THAT THE ROCK RESISTS ROLLING DUE TO GRAVITATIONAL AND HYDRAULIC FORCES.
    - ROCK MUST EXTEND ABOVE FINISHED GRADE BETWEEN APPROXIMATELY 1/4 TO 1/3 OF ITS DIAMETER.
    - ROCK SHALL BE PLACED SO THAT EACH ROCK IN A SERIES IS WORKING WITH THE OTHER ROCK TO COUNTERACT HYDRAULIC FORCES. THERE SHALL BE A MINIMUM OF THREE (3) POINTS OF CONTACT WITH ADJOINING ROCK.

**ENGINEERED STREAMBED MATERIAL (ESM) SPECIFICATIONS**

- GENERAL
  - ENGINEERED STREAMBED MATERIAL (ESM) IS ROCK MATERIAL PLACED BETWEEN STRUCTURE ROCK.
- PRODUCTS
  - ALL MATERIAL FINER THAN 6-INCH DIAMETER SHALL BE ROUNDED ALLUVIUM. ALL MATERIAL LARGER THAN 8-INCH DIAMETER SHALL BE ANGULAR.
  - ESM SHALL HAVE A MINIMUM THICKNESS OF 4 FEET.
  - ESM SHALL FOLLOW THE BELOW GRADATION TABLE. FINAL DESIGN TO CONFIRM AND UPDATE AS NECESSARY.

ROCK TYPE	NOMINAL MEDIAN PARTICLE DIAMETER (INCHES)	VOLUME PERCENT OF ESM MIX
CLASS IX	36	25%
CLASS V	18	25%
CLASS III	12	25%
CLASS 2 AGGREGATE BASE (1-1/2 INCH MAXIMUM)	N/A	25%

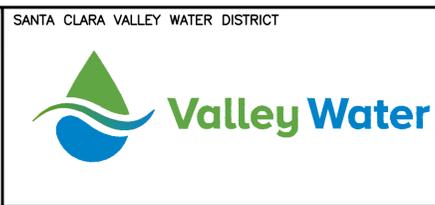
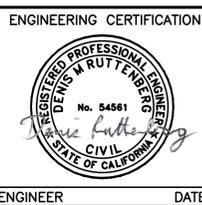
- EXECUTION
  - ESM MUST BE PLACED IN LIFTS. SEE DETAIL 1 SHEET C-08.
  - ESM SHALL SURROUND AND FILL VOIDS AROUND STRUCTURE ROCKS.
  - EACH LIFT SHALL INCLUDE ROCK FROM ALL ROCK GROUPS UNLESS ROCK WILL PROTRUDE MORE THAN 1/3 OF ITS DIAMETER ABOVE FINISH GRADE.
  - ESM SHALL BE PLACED IN 2 FOOT THICK LAYERS WITH WATER JETTING OF FINE MATERIAL. SEE DETAIL 1 ON SHEET C-08.
  - THE FINAL LIFT SHALL BE ROUGH IN APPEARANCE WITH GROUPS C, D, AND E ROCK PROTRUDING APPROXIMATELY 1/4 TO 1/3 OF THE DIAMETER ABOVE FINISHED GRADE. CLASS V AND CLASS IX ROCKS SHALL NOT PROTRUDE MORE THAN 1/3 OF THE DIAMETER ABOVE FINISH GRADE.

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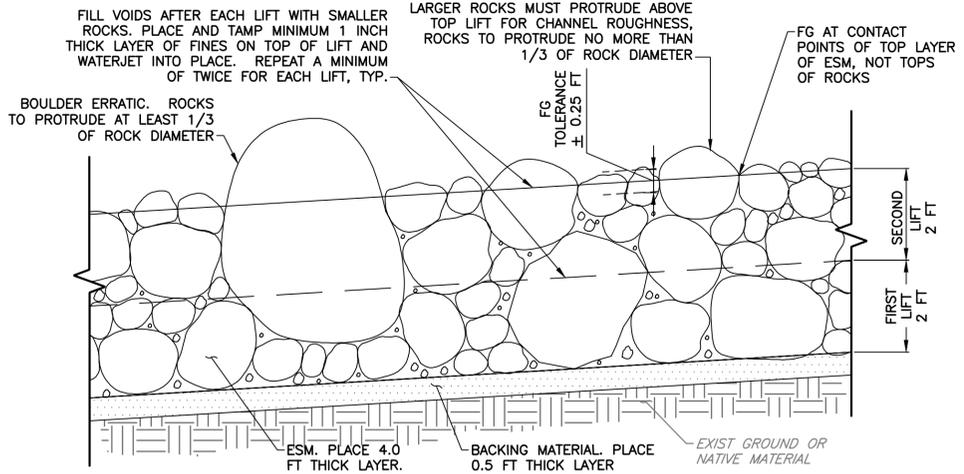
DATE	04/07/2025
DESIGN	D. RUTTENBERG
DRAWN	T. TRAN
CHECKED	K. NEUMAN
ENGINEER	DATE



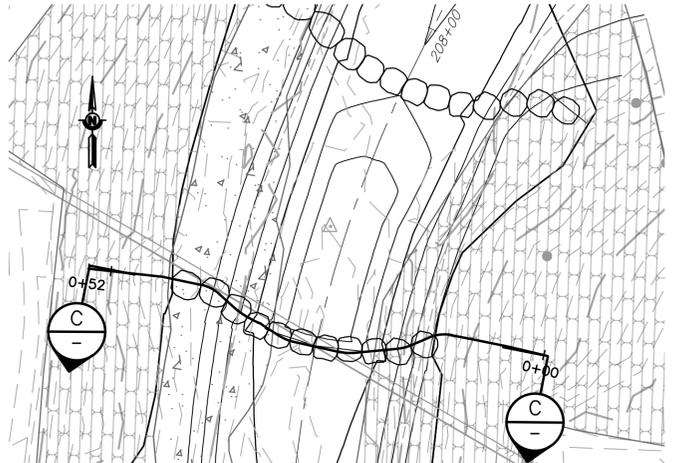
PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 BANKLINE ROCK, ESM AND STRUCTURE ROCK  
 REQUIREMENTS

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>C-07</b> SHEET NUMBER: 29

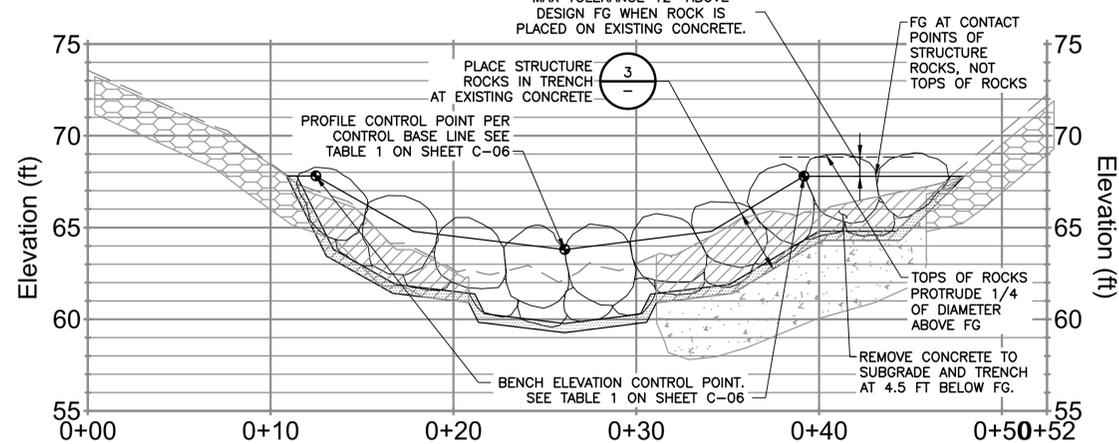
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**DETAIL 1 ENGINEERED STREAMBED MATERIAL (ESM) PLACEMENT**  
SCALE: NTS

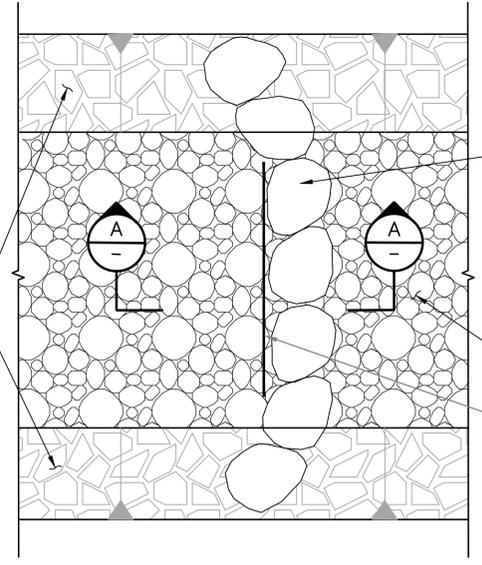


**DETAIL 4 ROCK BAND - TYPICAL PLAN**  
SCALE: 1"=10'

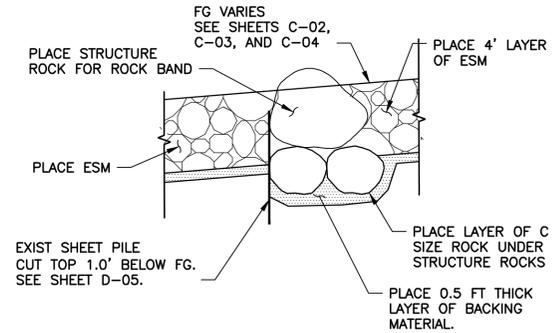


**SECTION C TYPICAL PROFILE THROUGH ROCK BAND**  
SCALE: 1"=5'

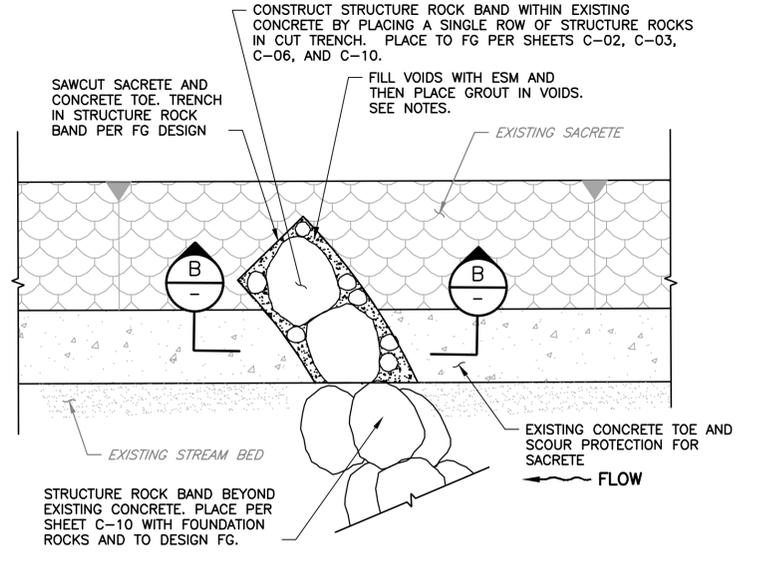
PLACE BANKLINE ROCK. SEE SHEETS C-01 TO C-04, C-06, AND C-10.



**DETAIL 2 ROCK BAND - PLAN AT EXISTING SHEET PILE**  
SCALE: NTS



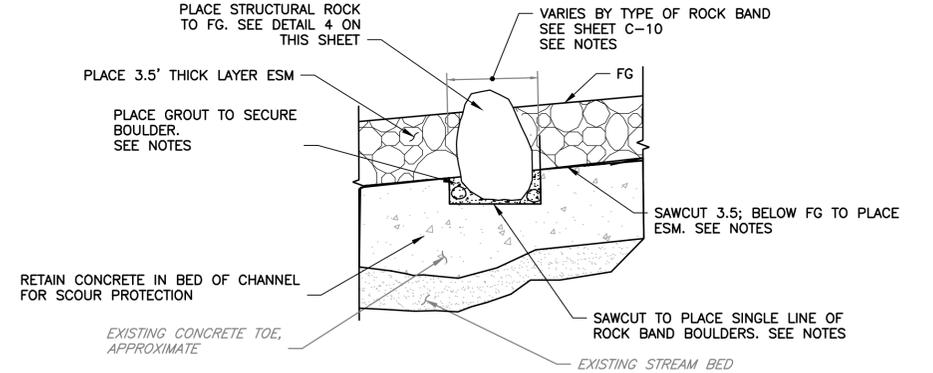
**SECTION A PROFILE THROUGH ROCK BAND AND EXIST SHEET PILE**  
SCALE: NTS



**DETAIL 3 ROCK BAND - PLAN AT EXISTING CONCRETE TOE AND SACRETE**  
SCALE: NTS

**DETAIL 3 NOTES:**

1. DETAIL 3 APPLIES TO CUTTING INTO POURED CONCRETE AT TOE OF SACRETE (SCOUR PROTECTION FOR SACRETE) AND TO BE USED ONLY AS APPROVED BY ENGINEER.
2. NO CUTTING OR DEMOLITION OF EXISTING CONCRETE ALLOWED FOR EXISTING CONCRETE WALLS OR STRUCTURAL FEATURES FOR BRIDGES OR SLOPE PROTECTION.
3. TRENCH WIDTH IS BOULDER WIDTH FOR ROCK BAND (A OR B SIZE) PLUS 6" ON BOTH SIDES CLEAR FOR GROUT PLACEMENT
4. PLACE GROUT TO LEVEL OF REMOVED CONCRETE NO HIGHER. SEE SPECIFICATIONS FOR GROUT.
5. ESM AND BANKLINE ROCK PLACEMENT NOT SHOWN IN PLAN VIEW.



**SECTION B ROCK BAND - SECTION AT EXISTING CONCRETE TOE AND SACRETE**  
SCALE: NTS

**GENERAL NOTES FOR ESM, BANKLINE ROCK, AND STRUCTURE ROCK BANDS:**

1. TOLERANCE FOR FG WHERE ESM, BANKLINE ROCK, AND STRUCTURE ROCKS ARE PLACED OVER EXISTING CONCRETE IS -3" TO +12" TO DESIGN FG. SEE DETAIL 1 ON THIS SHEET FOR DEFINITION OF FG.
2. OTHERWISE TOLERANCE IS +/- 3" TO FG.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

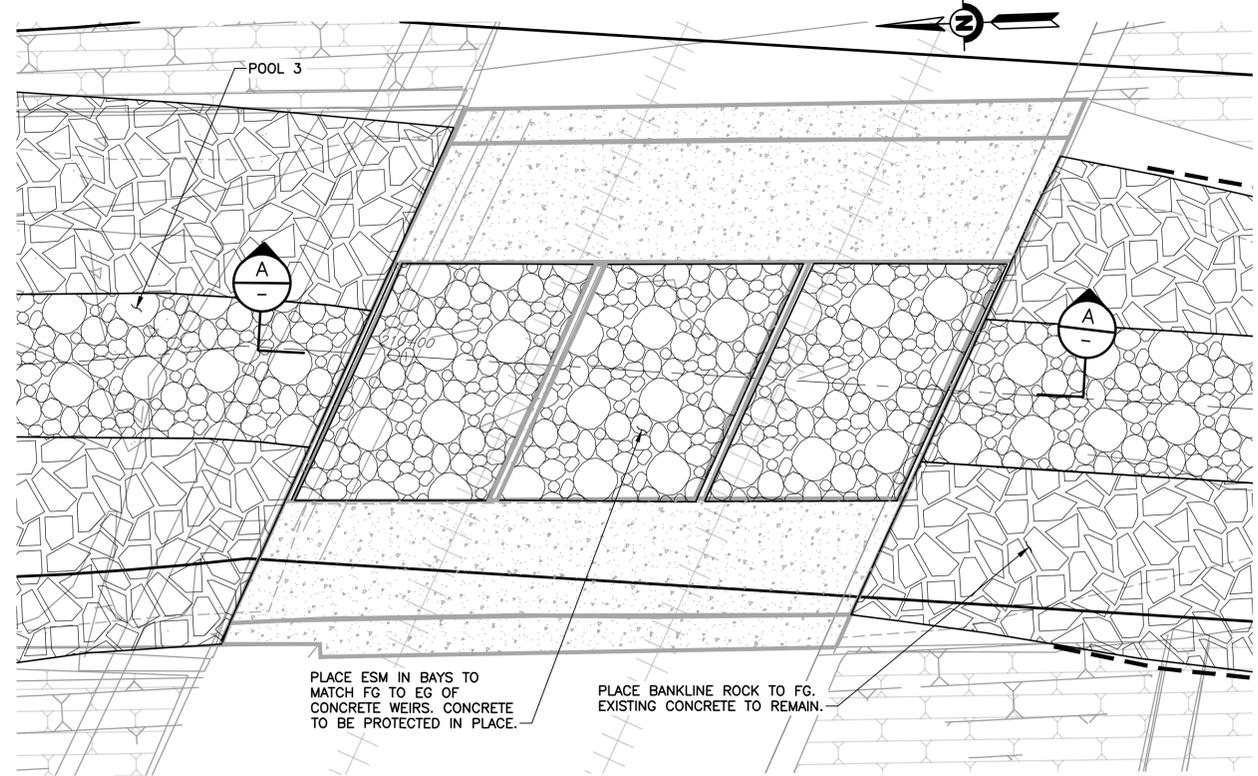
DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 ESM PLACEMENT DETAILS SHEET 1

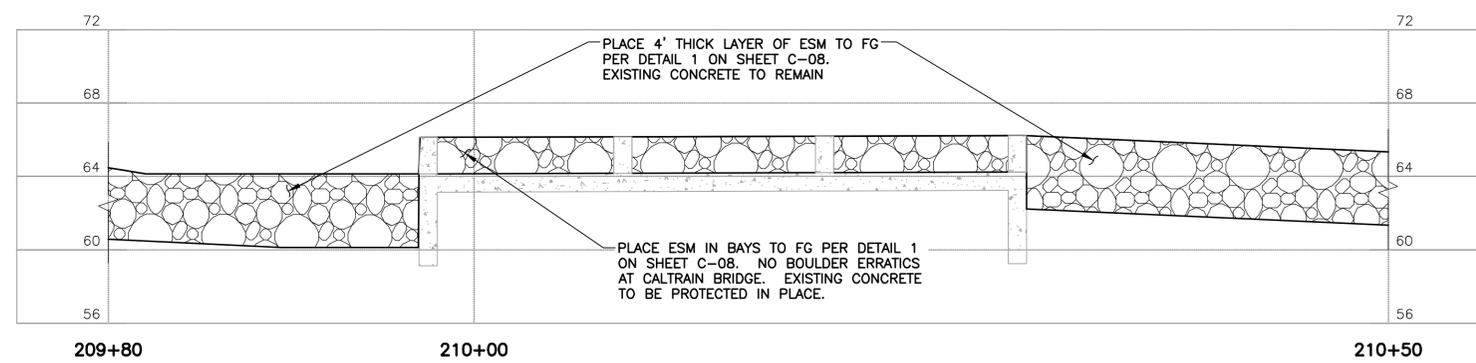
SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>C-08</b>
	SHEET NUMBER: 30

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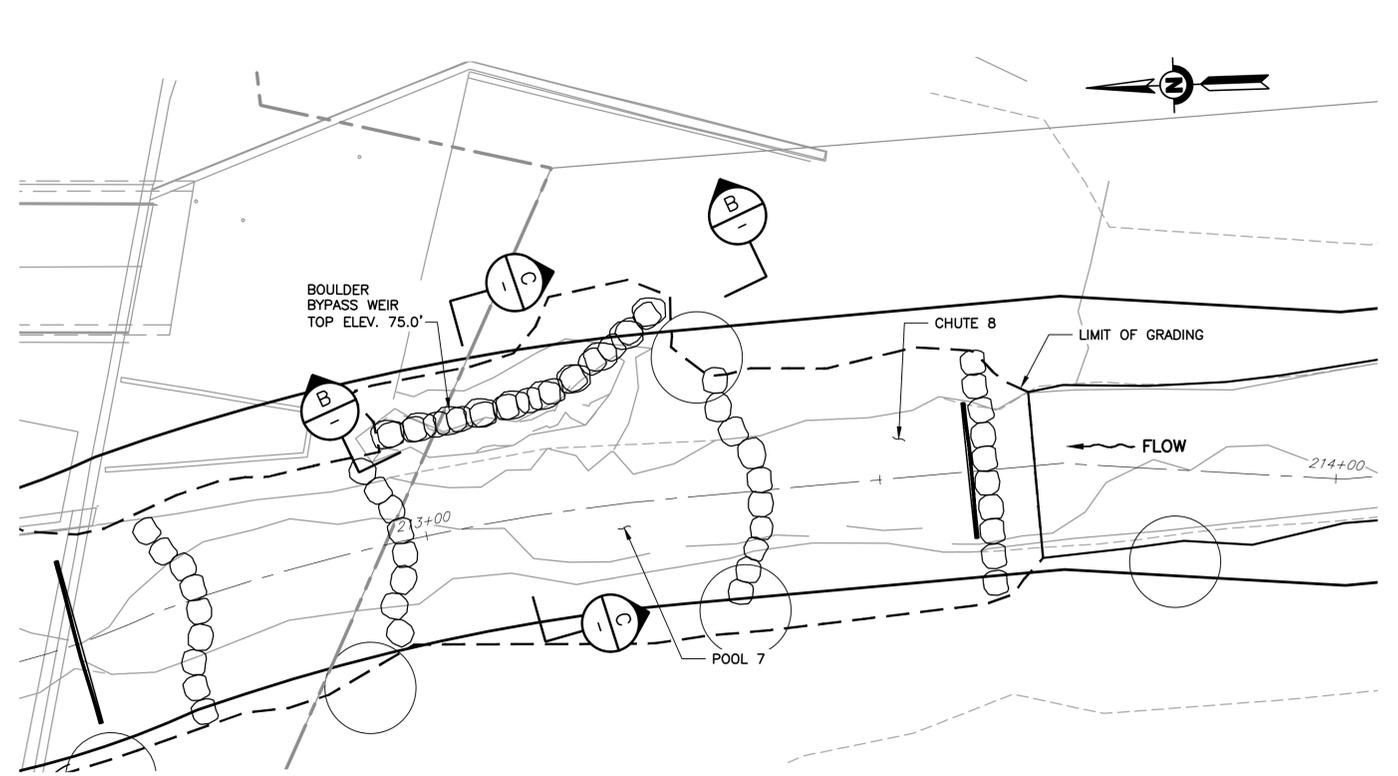
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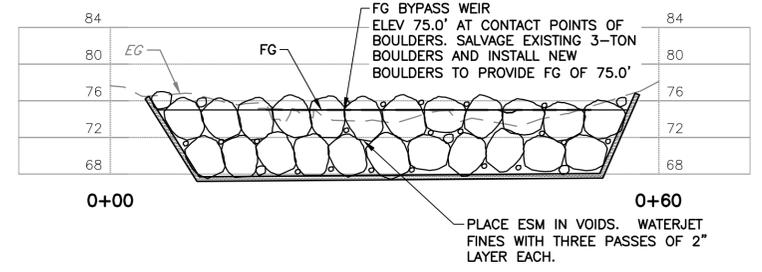
**DETAIL 4 PLAN DETAIL AT CALTRAIN BRIDGE (ESM) PLACEMENT**  
 C-02 SCALE: 1" = 5'



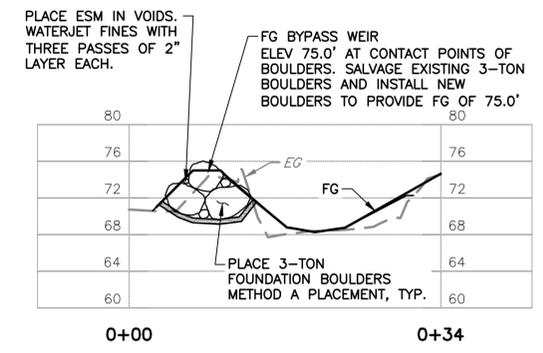
**SECTION A PROFILE THROUGH CALTRAIN BRIDGE**  
 SCALE: 1" = 5'



**DETAIL 5 PLAN DETAIL AT BOULDER BYPASS WEIR**  
 C-02 SCALE: 1" = 10'



**SECTION B PROFILE THROUGH BOULDER BYPASS WEIR**  
 SCALE: 1" = 10'

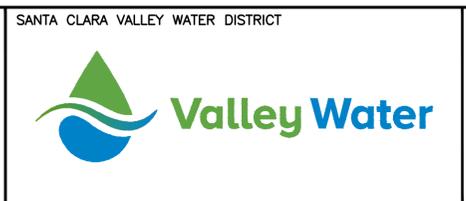
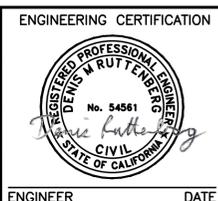


**SECTION C CROSS SECTION THROUGH BOULDER BYPASS WEIR**  
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES  
 1. EXIST SHEET PILE TO BE PARTIALLY REMOVED DURING EXCAVATION FOR ESM. THE PORTION OF EACH EXIST SHEET PILE REMOVED IS TBD DURING CONSTRUCTION BASED ON SITE CONDITIONS.

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 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE

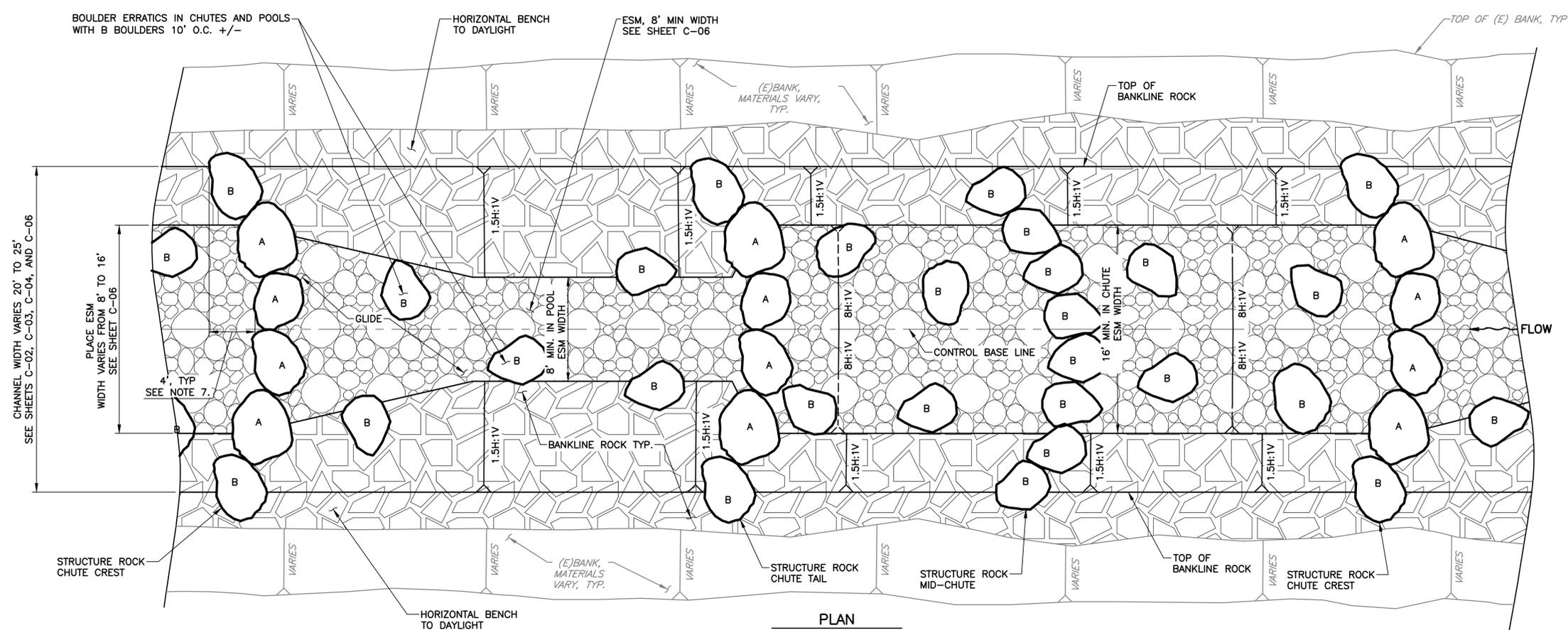


PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**  
 ESM PLACEMENT DETAILS SHEET 2

SCALE AS SHOWN	PROJECT NUMBER <b>62084001</b>
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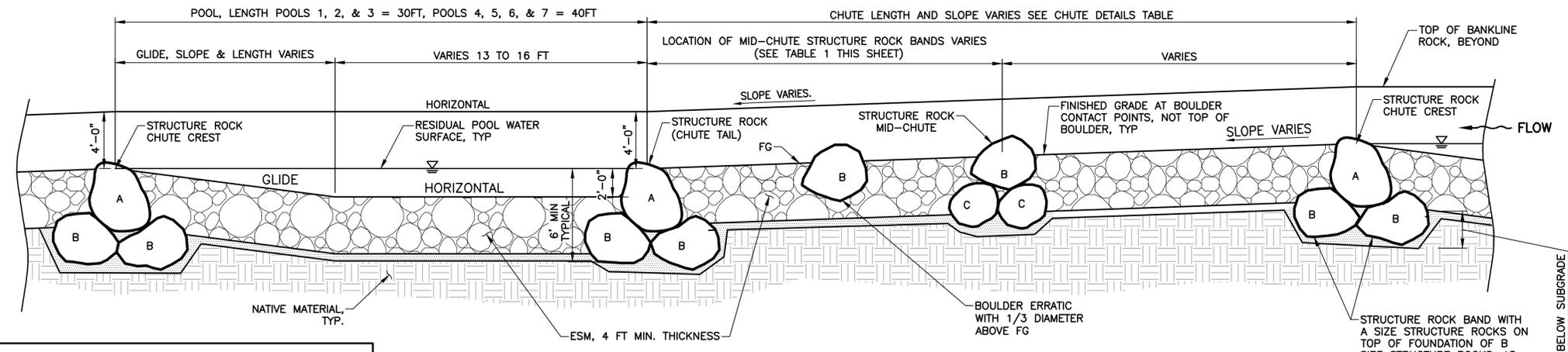
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DOCUMENT NUMBER: STV\_LP-C-1029-84727



**PLAN**

SCALE: NOT TO SCALE



**PROFILE**

SCALE: NOT TO SCALE

CHUTE	LENGTH (FT)	SLOPE (%)	CHUTE TAIL STA	MID-CHUTE	CHUTE CREST STA
1	55	2.6	207+18	207+52 **	208+07
1				207+79	
2	50	2.5	208+37	208+62 **	208+87
3	50	2.5	209+17	209+42	209+67
4 (CALTRAIN)	33	0.3	209+97 *	NONE	210+30 *
5	50	2.0	210+67 **	210+93	211+17
6	45	1.8	211+62 **	NONE	212+07
7	50	2.0	212+47	212+74	212+97
8	25	2.0	213+37	NONE	213+62 **

**NOTES**

- \* CONCRETE WEIRS TO REMAIN UNDER CALTRAIN BRIDGE. NO STRUCTURAL ROCKS TO BE PLACED.
- \*\* STRUCTURE ROCK BANDS PLACED UPSTREAM OF EXISTING SHEET PILES. SEE SHEET D-05 FOR SHEET PILE CUTTING AND DETAIL 2 ON SHEET C-08 FOR PLACEMENT OF STRUCTURE ROCKS AT EXISTING SHEET PILES.

**CHUTE NOTES:**

- CONSTRUCTION SEQUENCE: PLACE STRUCTURAL ROCKS FIRST AND BOULDER ERRATICS TO FINISHED GRADE, THEN PLACE ESM AROUND STRUCTURAL ROCKS TO FINISHED GRADE.
- CHUTE 4 WILL NOT HAVE STRUCTURE ROCK BANDS. ESM SHALL BE INSTALLED BETWEEN (E)UPRR CONC. LOW FLOW CHANNEL AND CUT OFF WALLS TO REMAIN. SEE ESM DETAILS ON SHEET C-07.
- BANK PROTECTION AND ROOT WAD PLACEMENT NOT SHOWN.
- EXISTING SACRETE AND CONCRETE SCOUR PROTECTION IN CHANNEL NOT SHOWN. CONTRACTOR TO VERIFY LOCATION AND LEAVE IN PLACE, EXCEPT FOR PLACEMENT OF ROCK BANDS. SEE SHEET DETAIL 3 ON SHEET C-08 FOR PLACEMENT OF ROCK BANDS IN EXISTING CONCRETE.
- PLACEMENT OF STRUCTURAL ROCKS IN SACRETE NOT SHOWN. SEE DETAIL 3 ON SHEET C-08. ESM LAYER THICKNESS IS 3 FT MIN WITH A 0.5 FT LAYER OF BACKING MATERIAL WHERE PLACED ON EXISTING CONCRETE.
- SLOPE PROTECTION AND ROOTWAD INSTALLATION NOT SHOWN.
- FOR ALL STRUCTURE ROCK BANDS NOT LOCATED NEXT TO EXISTING SHEET PILES, FORM CONTINUOUS ARC FROM CENTERLINE OF CHANNEL WITH A 4' OFFSET AT THE ENDS OF THE ARC FROM THE CENTERLINE, AS SHOWN. SEE SHEETS C-02, C-03, AND C-04 FOR WHICH STRUCTURE ROCK BANDS ARE FORMED INTO ARCS OR ALIGNED AS STRAIGHT ROCK BANDS NEXT TO EXISTING SHEET PILES.

**LEGEND**

- ENGINEERED STREAMBED MATERIAL
- BANKLINE ROCK
- BACKING MATERIAL
- NATIVE MATERIAL
- STRUCTURE ROCK

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE: 04/07/2025  
 DESIGN: D. RUTTENBERG  
 DRAWN: T. TRAN  
 CHECKED: K. NEUMAN  
 ENGINEER: DATE: \_\_\_\_\_

ENGINEERING CERTIFICATION: SANTA CLARA VALLEY WATER DISTRICT

PROJECT NAME AND SHEET DESCRIPTION:  
**STEVENS CREEK  
 EVELYN FISH PASSAGE PROJECT**

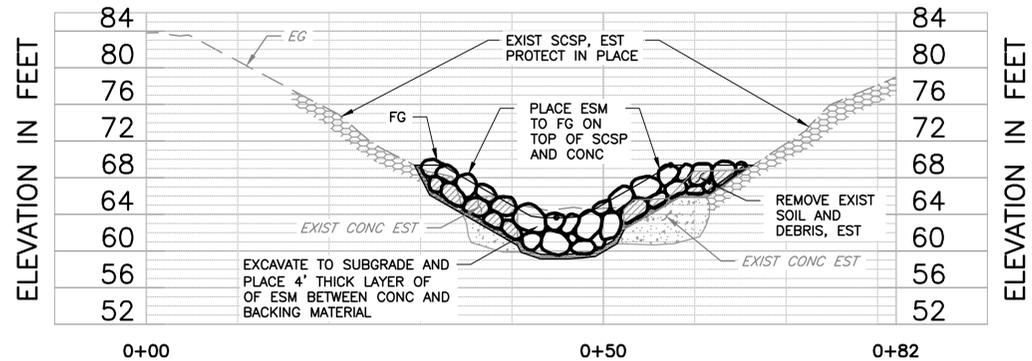
ROUGH CHANNEL PLAN AND PROFILE

SCALE: AS SHOWN  
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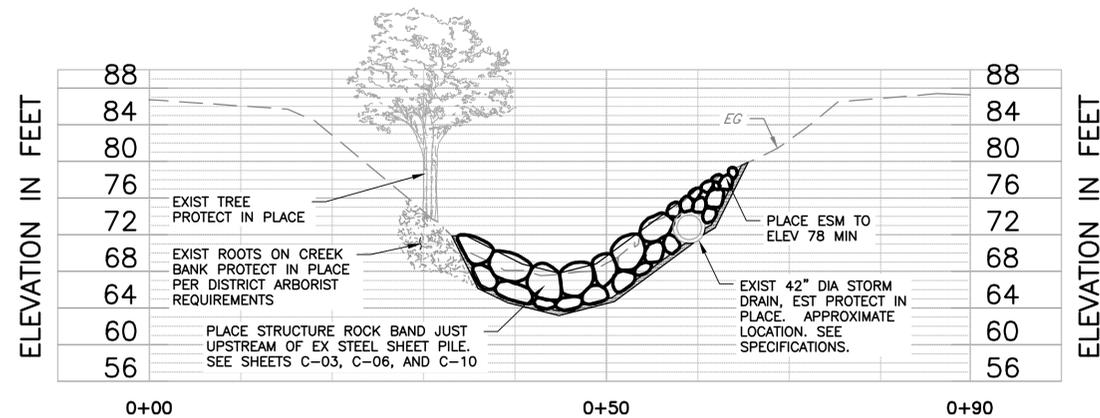
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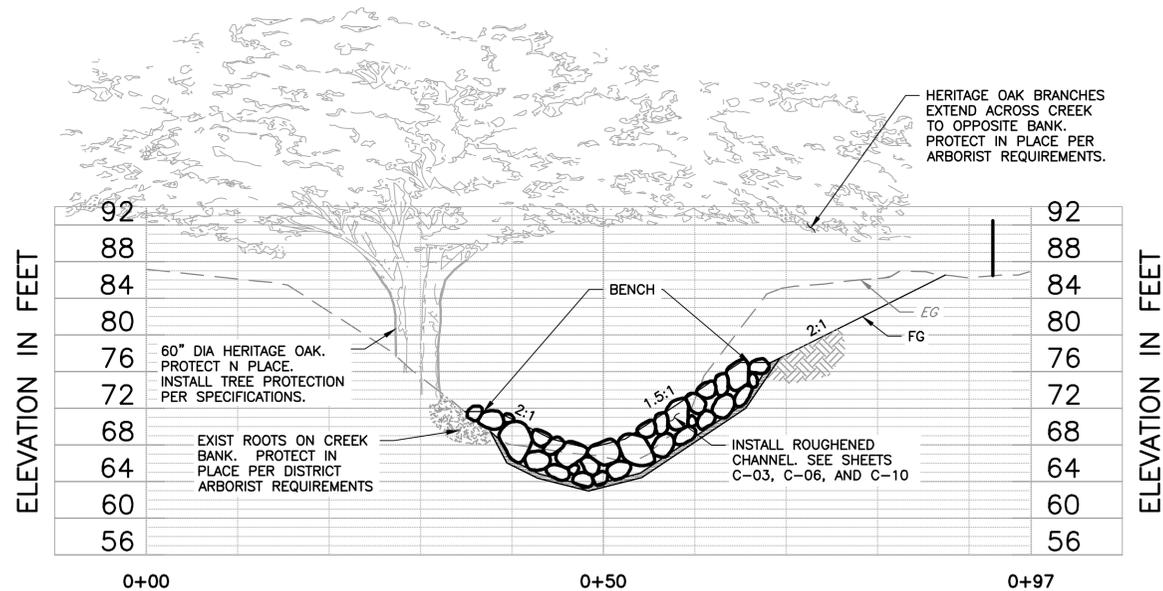
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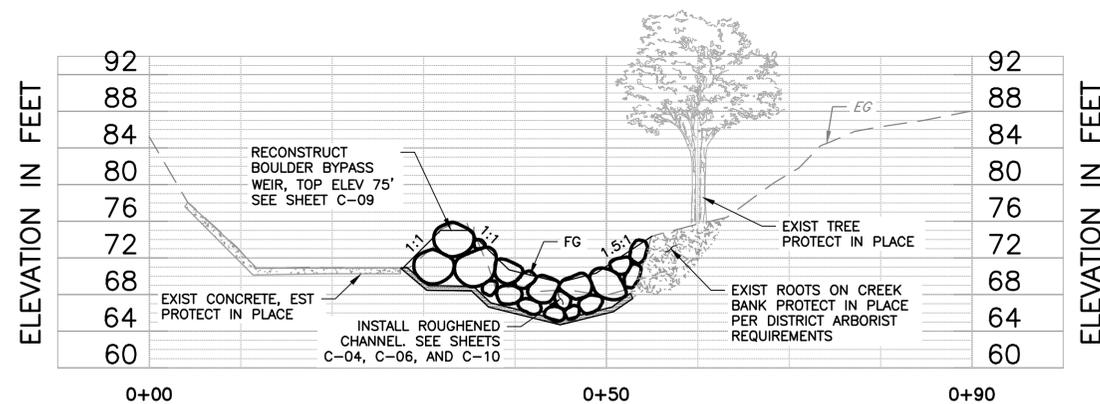
**SECTION A**  
**D-02** CROSS SECTION AT CENTRAL EXPRESSWAY  
 STATION 209+00  
 SCALE: NTS



**SECTION C**  
**D-03** CROSS SECTION JUST UPSTREAM OF SHEET PILE  
 AT STORM DRAIN, STATION 211+62  
 SCALE: NTS



**SECTION B**  
**D-02** CROSS SECTION AT HERITAGE OAK  
 STATION 211+13  
 SCALE: NTS



**SECTION D**  
**D-03** CROSS SECTION UPSTREAM OF EVELYN AVE AT BYPASS WEIR  
 AND EXISTING TREE, STATION 212+97  
 SCALE: NTS

- NOTES:**  
 1. SEE SPECIFICATIONS FOR PROTECTION MEASURES AT EXISTING TREES.  
 2. CONCRETE REMOVAL ONLY AT STRUCTURE BANDS AS SHOWN ON SHEET D-02.

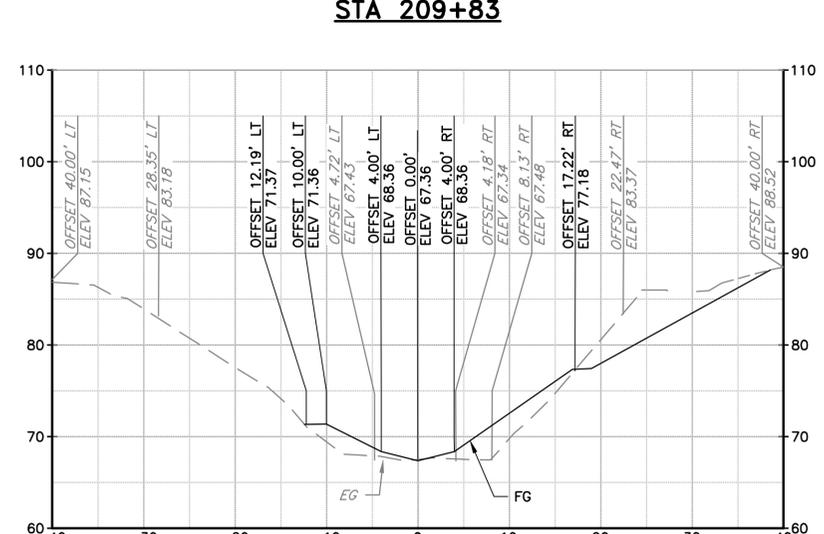
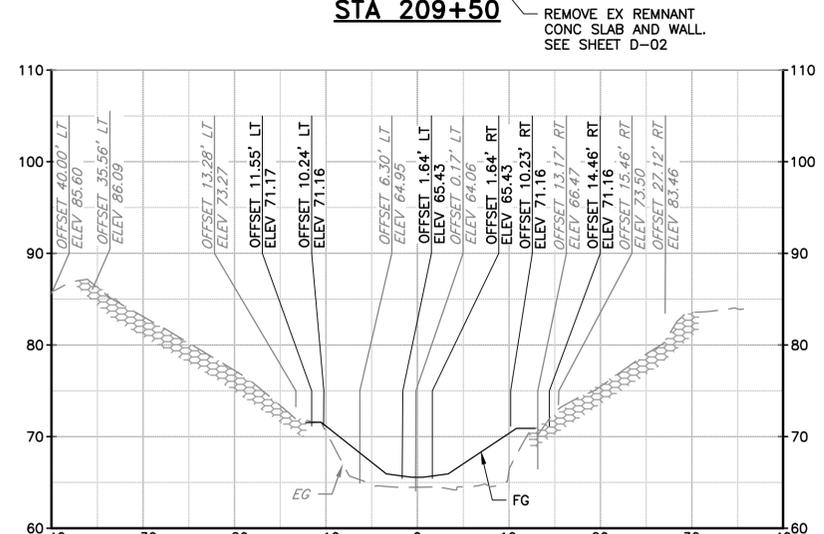
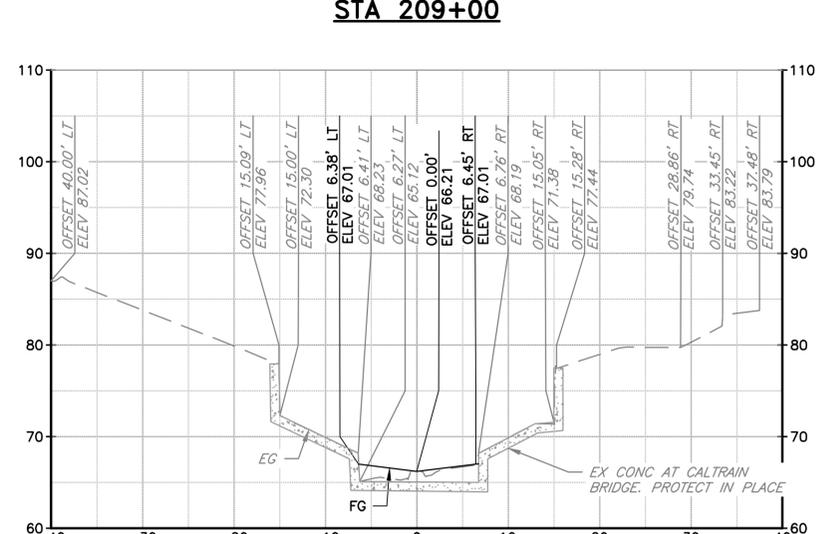
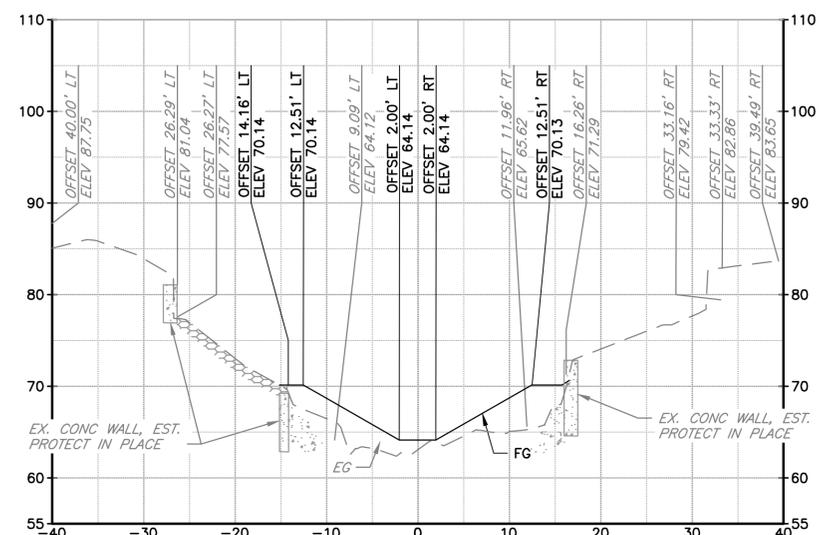
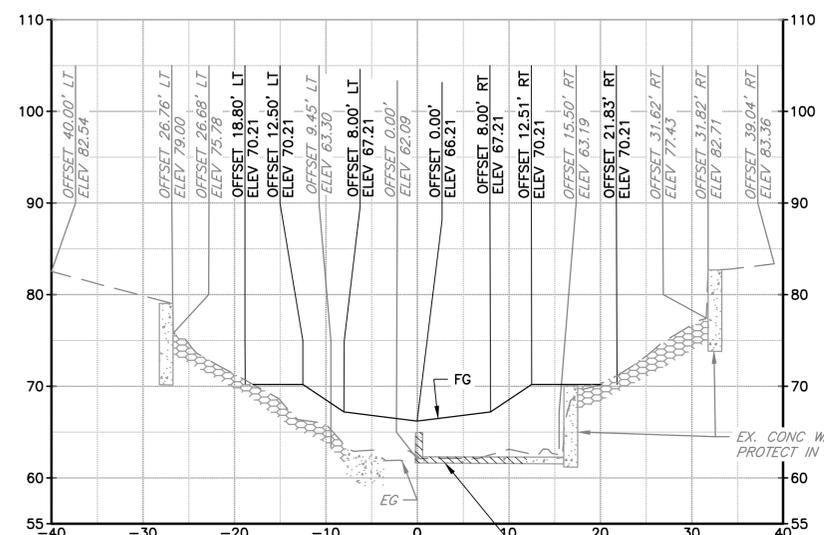
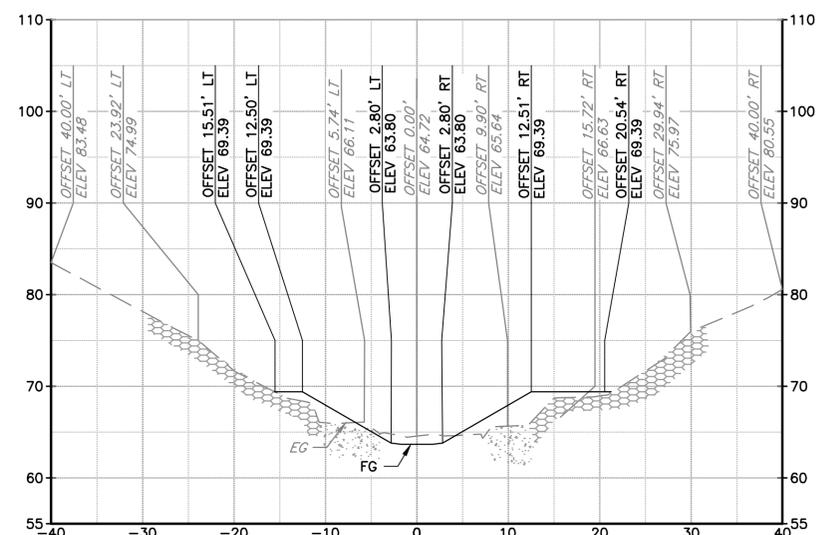
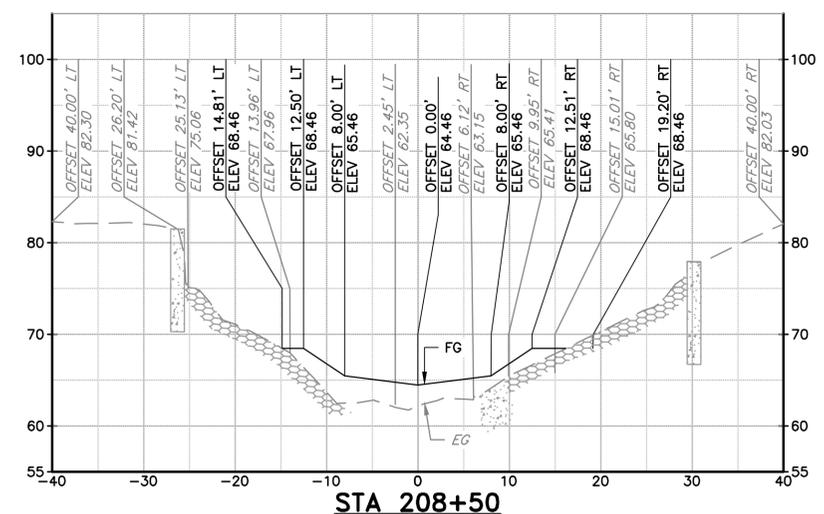
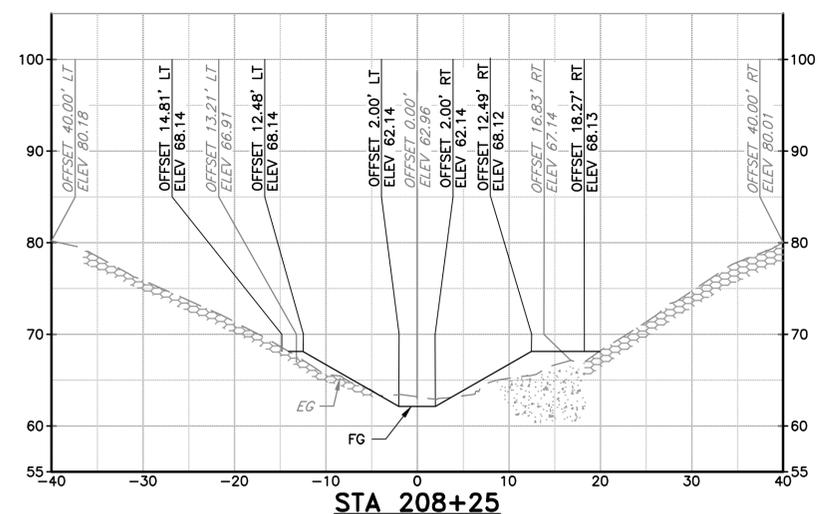
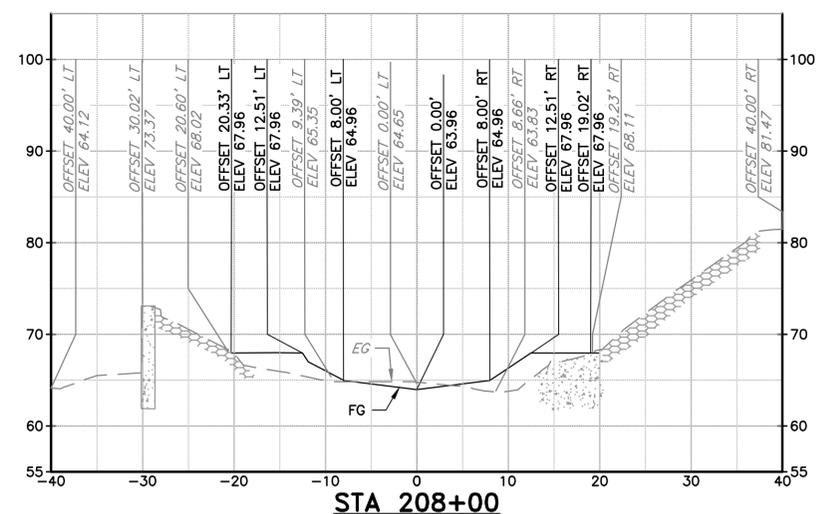
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN D. RUTTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b> TYPICAL SECTIONS AT CONSTRICTIONS AND OBSTRUCTIONS	SCALE AS SHOWN VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NUMBER <b>62084001</b> SHEET CODE: <b>C-11</b> SHEET NUMBER: 33
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DOCUMENT NUMBER: STV\_LP-X-1029-84729



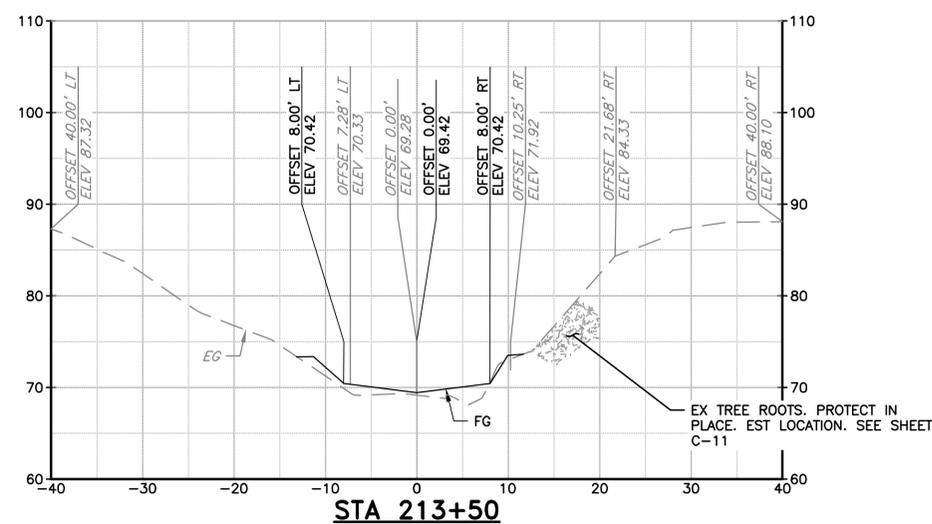
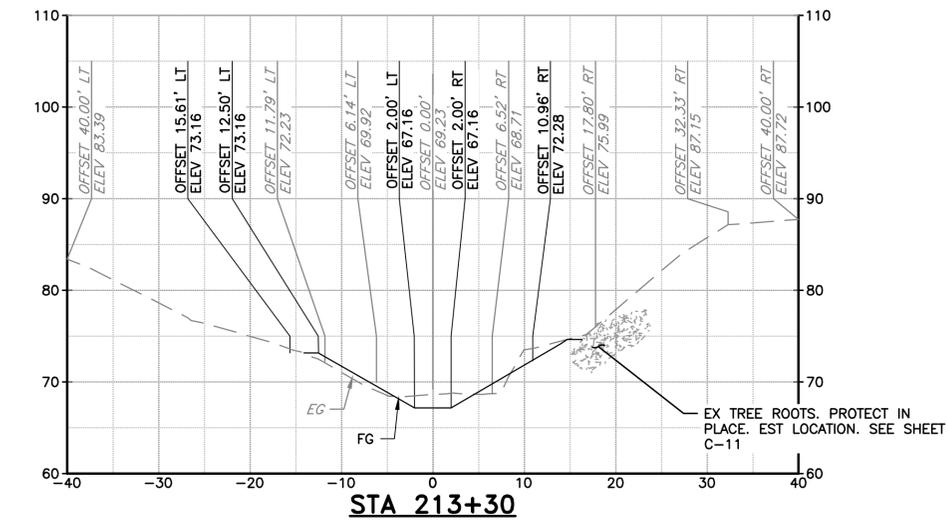
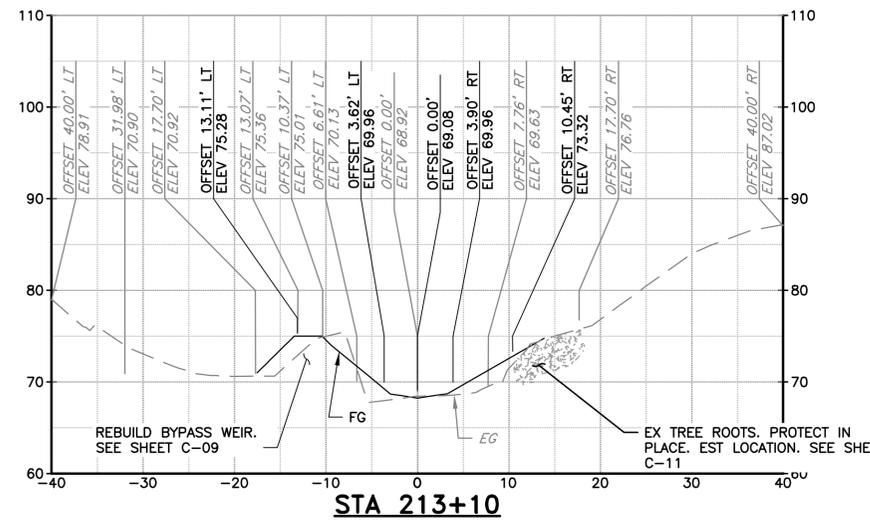
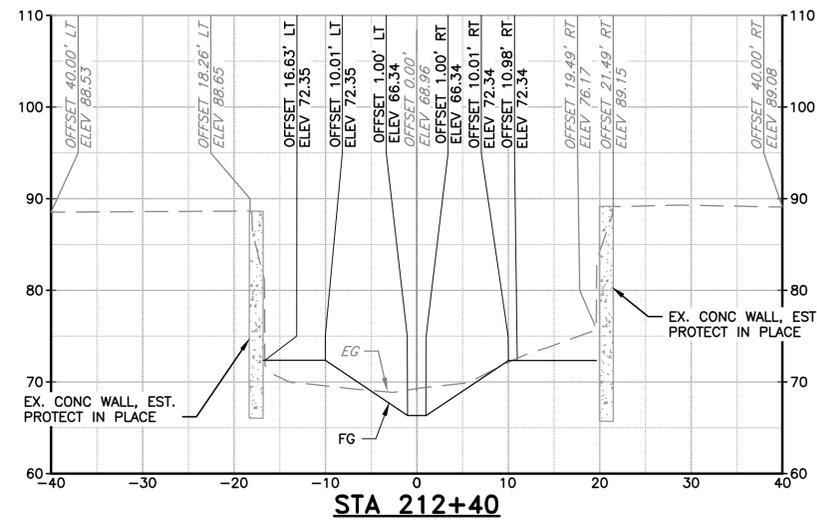
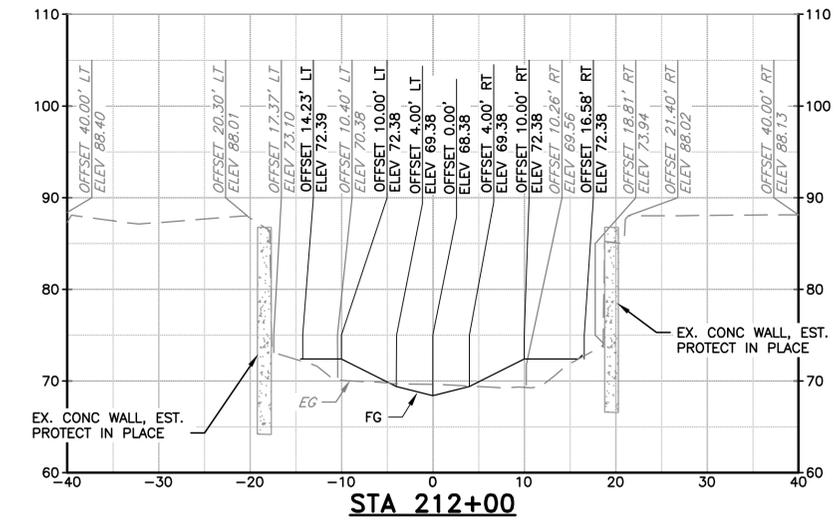
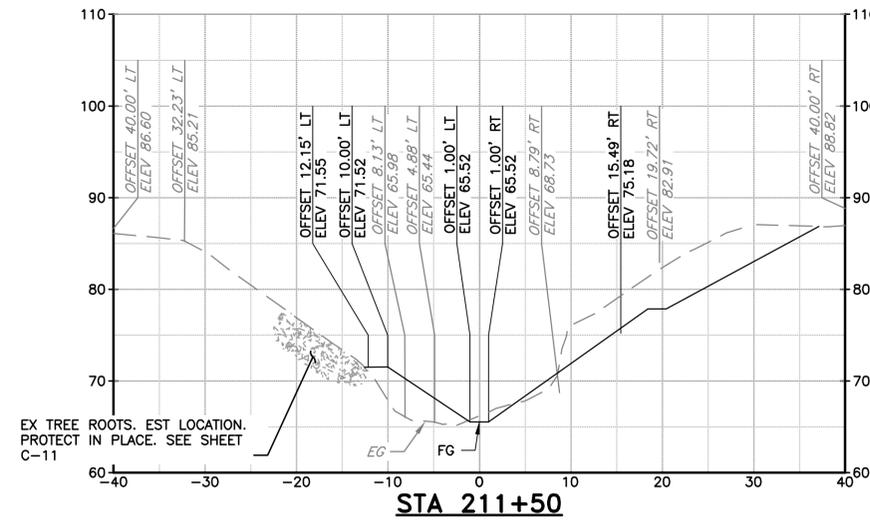
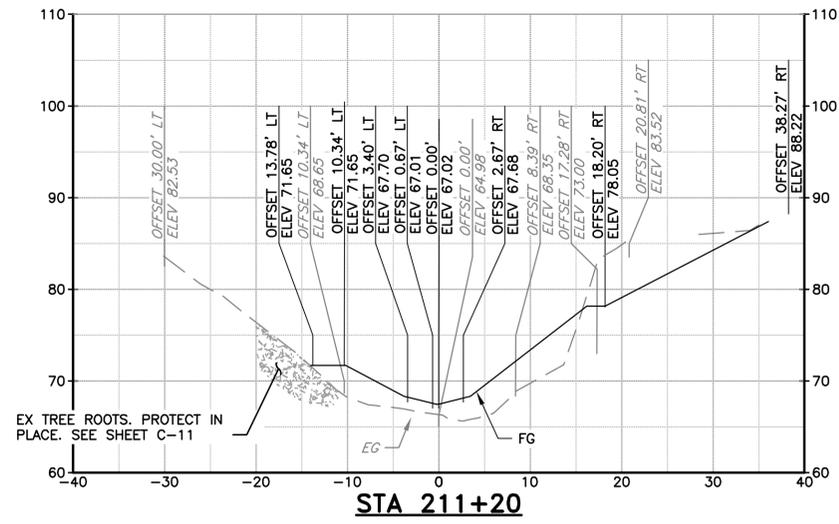
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 04/07/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN D. RUTENBERG		
DRAWN T. TRAN		
CHECKED K. NEUMAN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b>		SCALE H: 1"=10' V: 1"=10'	PROJECT NUMBER <b>62084001</b>
CROSS SECTIONS STA: 208+00 TO STA: 211+00		VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: <b>X-01</b>
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DATE 04/07/2025	ENGINEERING CERTIFICATION 	SANTA CLARA VALLEY WATER DISTRICT 
DESIGN D. RUTTENBERG	CHECKED K. NEUMAN	DATE

PROJECT NAME AND SHEET DESCRIPTION: <b>STEVENS CREEK EVELYN FISH PASSAGE PROJECT</b>	SCALE H: 1"=10' V: 1"=10'	PROJECT NUMBER <b>62084001</b>
CROSS SECTIONS STA: 211+25 TO STA: 213+50	VERIFY SCALES 	SHEET CODE: <b>X-02</b>
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