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DOCUMENT NUMBER: CAA_IW-G-2010-85617

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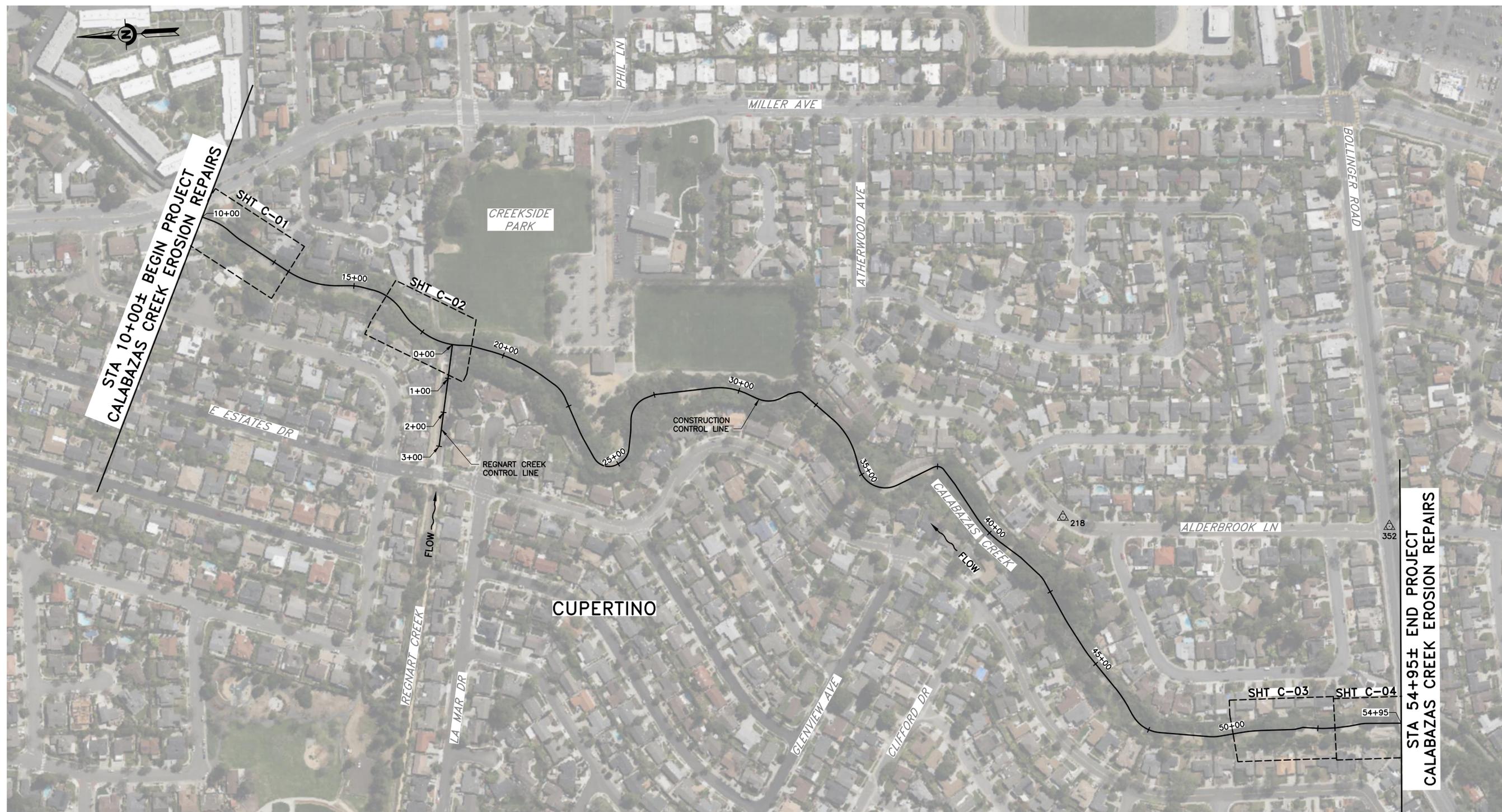
GENERAL NOTES:

- ALL CONSTRUCTION MATERIAL AND METHODS SHALL COMPLY WITH THE LATEST EDITION OF THE CALTRANS STANDARD SPECIFICATIONS. ALL EXCAVATION AND CONSTRUCTION PROCEDURES SHALL CONFORM TO CAL-OSHA AND OSHA STANDARDS AND ALL PREVAILING CODES AND REGULATIONS.
- ALL EXISTING FACILITIES, STRUCTURES, TREES, FENCES, LANDSCAPE, ETC., DESIGNATED "EXIST" OR SHOWN EXISTING (SCREENED LINES) ARE TO REMAIN, ONLY THOSE SPECIFICALLY DESIGNATED FOR REMOVAL AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER SHALL BE REMOVED.
- PIPING, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY AND ADEQUATELY SUPPORTED AND ANCHORED. NOT ALL SUPPORTS OR ANCHORS HAVE BEEN SHOWN OR INDICATED. CONTRACTOR IS RESPONSIBLE FOR DETERMINING, SUPPLYING AND INSTALLING THE NECESSARY SUPPORT OR ANCHOR.
- IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER, FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES AND PERSONS ENGAGED UPON THIS CONTRACT.
- CONTRACTOR SHALL POST ON THE SITE, EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, AMBULANCE, POLICE AND FIRE DEPARTMENTS.
- CONTRACTOR SHALL NOTIFY THE DISTRICT FOR INSPECTIONS A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF THE REQUIRED INSPECTION TIME.
- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE DISTRICT AND THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY BAY AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES AND DUST.
- ALL MATERIALS, REQUIRED FOR THE COMPLETE EXECUTION OF THE PROJECT, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE ANY EXISTING IMPROVEMENTS OF ABOVE OR UNDERGROUND FACILITIES DAMAGED DURING THE CONSTRUCTION PERIOD.
- ALL EXCAVATED EXPORT/UNSUITABLE MATERIALS WITHIN THE PROJECT LIMITS SHALL BE LEGALLY DISPOSED OF OFF THE PROJECT SITE BY THE CONTRACTOR.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TEMPORARY SHORING OF THE EXCAVATION FOOTING, IF REQUIRED, EXISTING BANK SLOPE, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, DESIGN, SAFE MAINTENANCE AND REMOVAL OF THE SHORING REQUIRED TO COMPLETE THE PROJECT WHERE SHORING IS REQUIRED. CONTRACTOR SHALL SUBMIT AN EXCAVATION SAFETY PLAN, IF REQUIRED IN COMPLIANCE WITH CAL-OSHA AND OSHA REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND SCHEDULE INSPECTION AS NEEDED WITH THE CITY OF CUPERTINO PUBLIC WORKS DEPARTMENT FOR ALL THE REQUIRED CITY PERMITS.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS FROM THE CITY OF CUPERTINO AS NEEDED FOR CONSTRUCTION TRAFFIC.
- ALL REFERENCES MADE TO RIGHT OR LEFT AND ALL CROSS-SECTIONS SHOWN ON THE PLANS ARE VIEWED LOOKING UPSTREAM.
- LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE BASED ON INFORMATION FROM THE UTILITY COMPANY 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 LOCATION AND DEPTH AND TAKE PROPER PRECAUTIONS TO AVOID ANY DAMAGE TO THEM. CALL U.S.A. (UNDERGROUND SERVICE ALERT) 48 HOURS PRIOR TO COMMENCING WORK AT 1 (800) 227-2600 FOR LOCATION.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR IDENTIFYING AND IMPLEMENTING ALL STORM WATER BEST MANAGEMENT PRACTICES AND POLLUTION PREVENTION CONTROL MEASURES IN COMPLIANCE WITH PROJECT'S PERMITS.
- CONTRACTOR SHALL REMOVE DEBRIS, UNUSED MATERIALS, CONCRETE FORMS AND OTHER MATERIALS USED DURING THE CONSTRUCTION FROM THE PROJECT SITE. ALL STORAGE AREAS, ACCESS ROADS AND MAINTENANCE ROADS SHALL BE CLEARED AND RESTORED IN-KIND AS NEEDED.
- CONTRACTOR IS RESPONSIBLE FOR STORAGE, MAINTENANCE AND SECURITY OF THE STORAGE AREA DURING THIS PROJECT. THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY SECURITY FENCE IF NECESSARY. THE DISTRICT WILL NOT BE RESPONSIBLE FOR STOLEN ITEMS AND NO CLAIMS SHALL BE MADE. ANY EXPENSES RELATED TO STORAGE, MAINTENANCE AND SECURITY SHALL BE INCLUDED IN THE RELATED BID ITEMS OF WORK.
- CONTRACTOR SHALL SUBMIT PLANS FOR ALL TEMPORARY ACCESS RAMP LOCATIONS FOR APPROVAL BY ENGINEER.
- ALL BEGINNING AND END STATIONS FOR ALL WORK ELEMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL MATCH THE EXISTING IMPROVEMENTS AS NEEDED.
- COST FOR PROTECTING EXISTING TREES, FENCES, UTILITIES, SACKED CONCRETE, ETC. AND ALL FEATURES NOT DEPICTED FOR REMOVAL SHALL BE INCLUDED IN THE RELATED BID ITEMS OF WORK. NO SEPARATE PAYMENT SHALL BE MADE FOR PROTECTION OF THESE ITEMS.
- CONTRACTOR SHALL SUBMIT CUT/FILL STAKING PLAN AFTER REMOVAL OF THE TOP SOIL FOR ENGINEER'S APPROVAL PRIOR TO ANY EXCAVATION ACTIVITIES.
- ALL PROPOSED BANK SLOPES SHALL BE OVERBUILT WITH 90% COMPACTION FILL AND SHAVED OFF TO MATCH THE CROSS SECTIONS SHOWN ON ALL SITES.
- ALL GRADED SOIL SLOPED AREAS SHALL BE CONSTRUCTED WITH EROSION CONTROL BLANKET, HYDROSEEDING AND TOPPED WITH JUTE MAT WITH 12-INCH LONG PIN 4' CENTER-TO-CENTER.
- CONTRACTOR SHALL SUBMIT STAKING PLAN FOR APPROVAL PRIOR TO THE CUT AND FILL OPERATION.
- CONTRACTOR SHALL USE THE CROSS SECTION SHEETS X-01 THROUGH X-06 FOR STAKING AND GRADING WORK.
- ALL STATION OFFSET DISTANCE IS IN FEET UNLESS OTHERWISE SPECIFIED.
- THE OFFSET POINT AT THE TOE OF THE SLOPE REFERS TO THE INTERSECTION OF EXISTING GROUND AND TOP OF RIPRAP.
- GRADING DAYLIGHT LINE SHOULD NOT BE CLOSER THAN 1 FOOT FROM THE ADJACENT FENCE LINE.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE 5/05/2025	ENGINEERING CERTIFICATION DESIGN E. MEYER	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION: CALABAZAS CREEK EROSION REPAIRS PROJECT	SCALE AS SHOWN	PROJECT NUMBER 62084001
								DRAWING INDEX AND GENERAL NOTES	VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: G-02 SHEET NUMBER: 2

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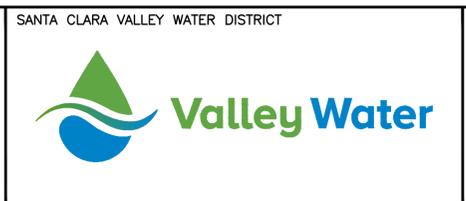
DOCUMENT NUMBER: CAA_IW-G-2010-85618



INDEX MAP
 SCALE: 1" = 150'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION
DESIGN E. MEYER	
DRAWN K. LAM	
CHECKED P. PARK	
ENGINEER	



PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 INDEX MAP

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: G-03
	SHEET NUMBER: 3

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 DOCUMENT NUMBER: CAALW-G-2010-85619

ABBREVIATIONS

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

LINE TYPE LEGEND

EXISTING	PROPOSED

SYMBOLS LEGEND

EXISTING	PROPOSED	SURVEY

MISCELLANEOUS

	ELECTROLINER
	ELECTROLINER
	GUY WIRE
	STORM DRAIN OUTFALL
	FLOW SYMBOL
	NORTH ARROW

TRAFFIC CONTROL

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

GENERAL TEXT

	EXIST STRUCTURE	EXISTING CALLOUT
	CALLOUT FOR PROPOSED WORK OR NEW STRUCTURE	DESIGN CALLOUT
	EXISTING DIMENSION	EXISTING DIMENSION
	DESIGN DIMENSION	DESIGN DIMENSION
	OWNER NAME TEXT	OWNER NAME TEXT
	EXISTING MAJOR STREET AND CREEK NAME TEXT	EXISTING MAJOR STREET AND CREEK NAME TEXT
	EXISTING MINOR STREET NAME AND MAINTENANCE ROAD	EXISTING MINOR STREET NAME AND MAINTENANCE ROAD
	GENERAL TABLE	GENERAL TABLE
	PLAN TITLE	PLAN TITLE

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*
	A SECTION LETTER	DRAWING ON WHICH SECTION WAS TAKEN*
	1 DETAIL NUMBER	C-4 INDICATES DRAWING ON WHICH DETAIL APPEARS*
	# DETAIL NUMBER	C-2 INDICATES DRAWING ON WHICH DETAIL WAS REFERENCED*

HATCH LEGEND

EXISTING	PROPOSED

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

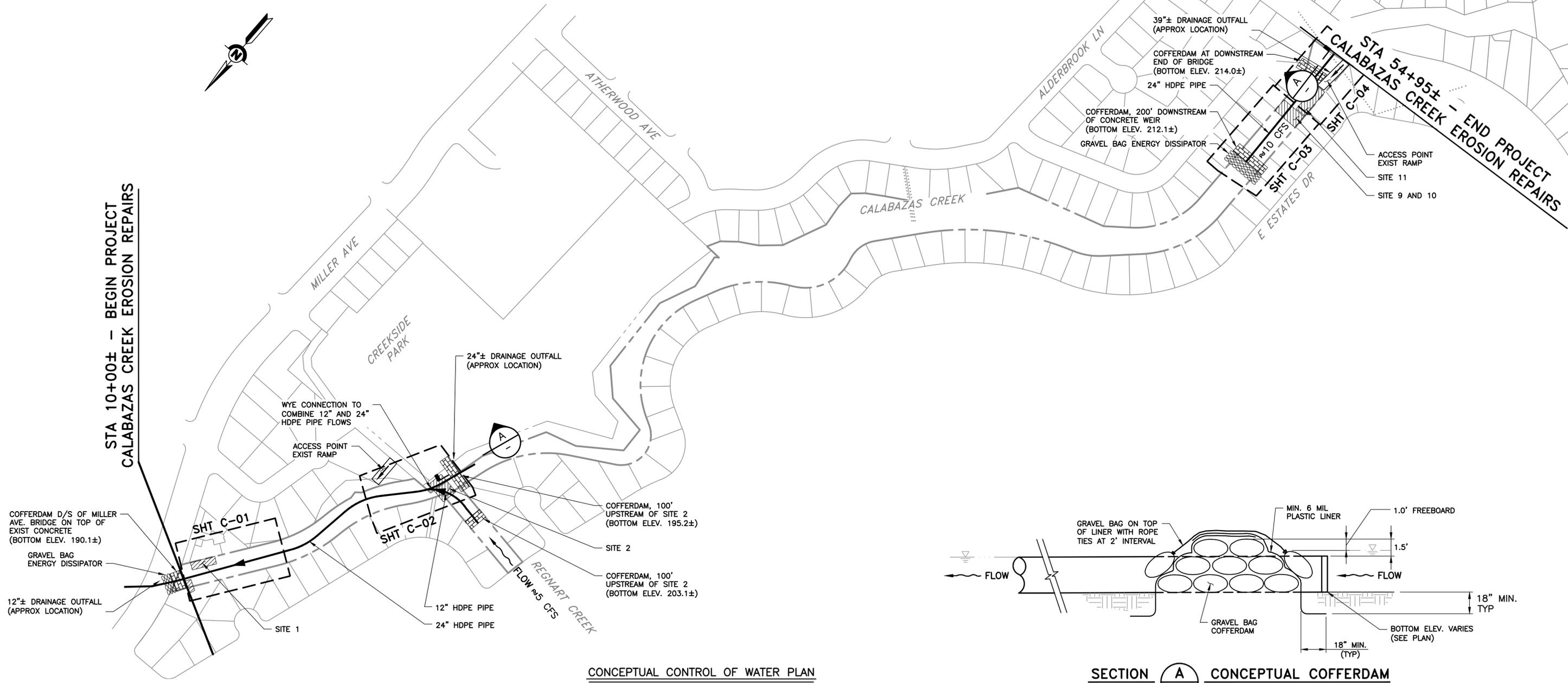
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					5/05/2025			CALABAZAS CREEK EROSION REPAIRS PROJECT	AS SHOWN	62084001
								ABBREVIATIONS, LEGENDS, AND SYMBOLS	VERIFY SCALES	SHEET CODE:
										G-04
									BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NUMBER:
										4

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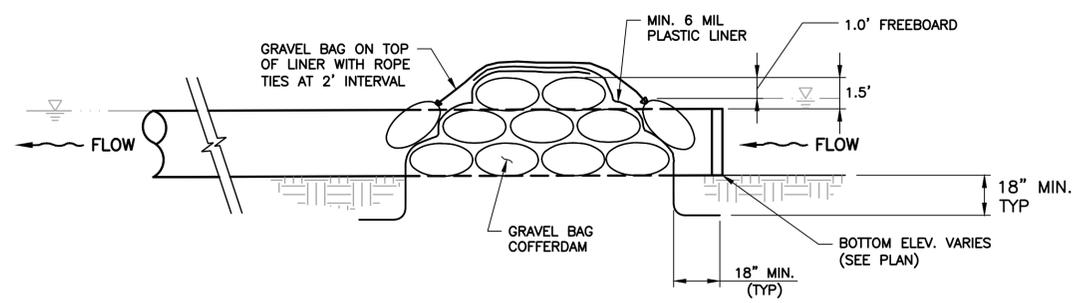
DOCUMENT NUMBER: CAA_IW-G-2010-85620

STA 10+00± - BEGIN PROJECT
 CALABAZAS CREEK EROSION REPAIRS

STA 54+95± - END PROJECT
 CALABAZAS CREEK EROSION REPAIRS



CONCEPTUAL CONTROL OF WATER PLAN
 SCALE: 1" = 150'



LEGEND

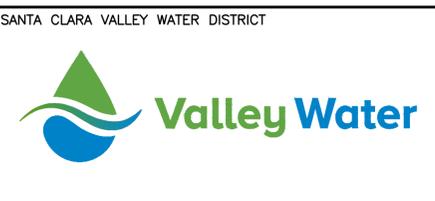
- WORK AREA
- COFFERDAM
- GRAVEL BAG ENERGY DISSIPATOR
- PIPE AND FLOW DIRECTION

NOTES:

1. ACCESS TO CONSTRUCTION SITES FOR SITES 1 AND 2 IS ONLY FROM CREEKSIDE PARK ACCESS RAMP. ACCESS TO SITE 9 IS ONLY FROM BOLLINGER ROAD.
2. APPROXIMATE SUMMER FLOWS ON CALABAZAS CREEK IS 10 CFS.
3. APPROXIMATE SUMMER FLOWS ON REGNART CREEK IS 5 CFS.
4. ALL JOINTS HAVE TO BE WATERTIGHT.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER	
DRAWN K. LAM	
CHECKED P. PARK	
ENGINEER DATE	

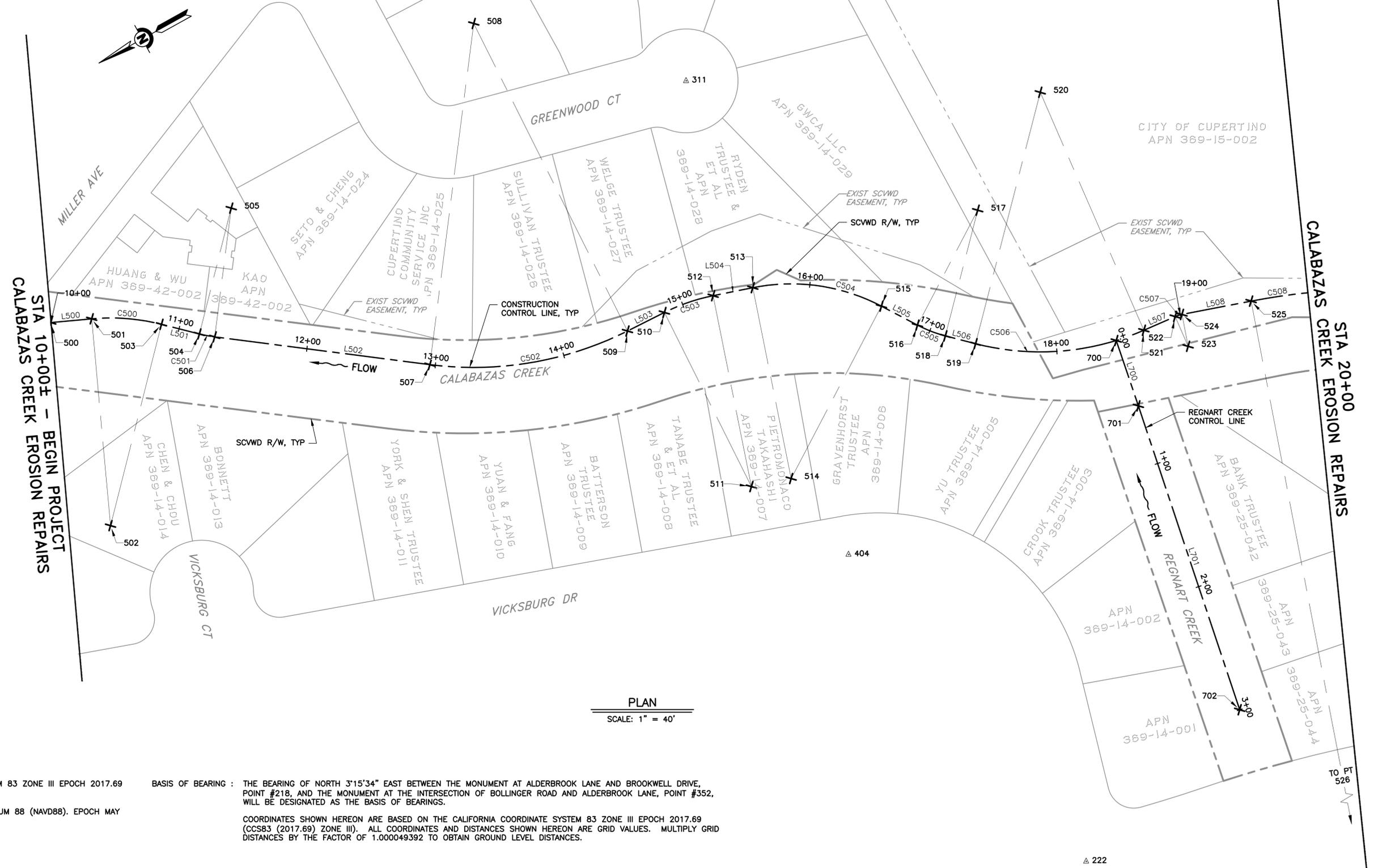


PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 CONCEPTUAL CONTROL OF WATER

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: G-05
	SHEET NUMBER: 5

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DOCUMENT NUMBER: CAA_IW-V-2010-85621



PLAN
 SCALE: 1" = 40'

SURVEY CONTROL INFORMATION

HORIZONTAL DATUM : CALIFORNIA COORDINATE SYSTEM 83 ZONE III EPOCH 2017.69 (CCS83 (2017.69) ZONE III).
 BASIS OF BEARING : THE BEARING OF NORTH 3°15'34" EAST BETWEEN THE MONUMENT AT ALDERBROOK LANE AND BROOKWELL DRIVE, POINT #218, AND THE MONUMENT AT THE INTERSECTION OF BOLLINGER ROAD AND ALDERBROOK LANE, POINT #352, WILL BE DESIGNATED AS THE BASIS OF BEARINGS.
 VERTICAL DATUM : NORTH AMERICAN VERTICAL DATUM 88 (NAVD88). EPOCH MAY 14, 2017.
 UNITS OF MEASURE : U.S. SURVEY FEET.

COORDINATES SHOWN HEREON ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM 83 ZONE III EPOCH 2017.69 (CCS83 (2017.69) ZONE III). ALL COORDINATES AND DISTANCES SHOWN HEREON ARE GRID VALUES. MULTIPLY GRID DISTANCES BY THE FACTOR OF 1.000049392 TO OBTAIN GROUND LEVEL DISTANCES.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

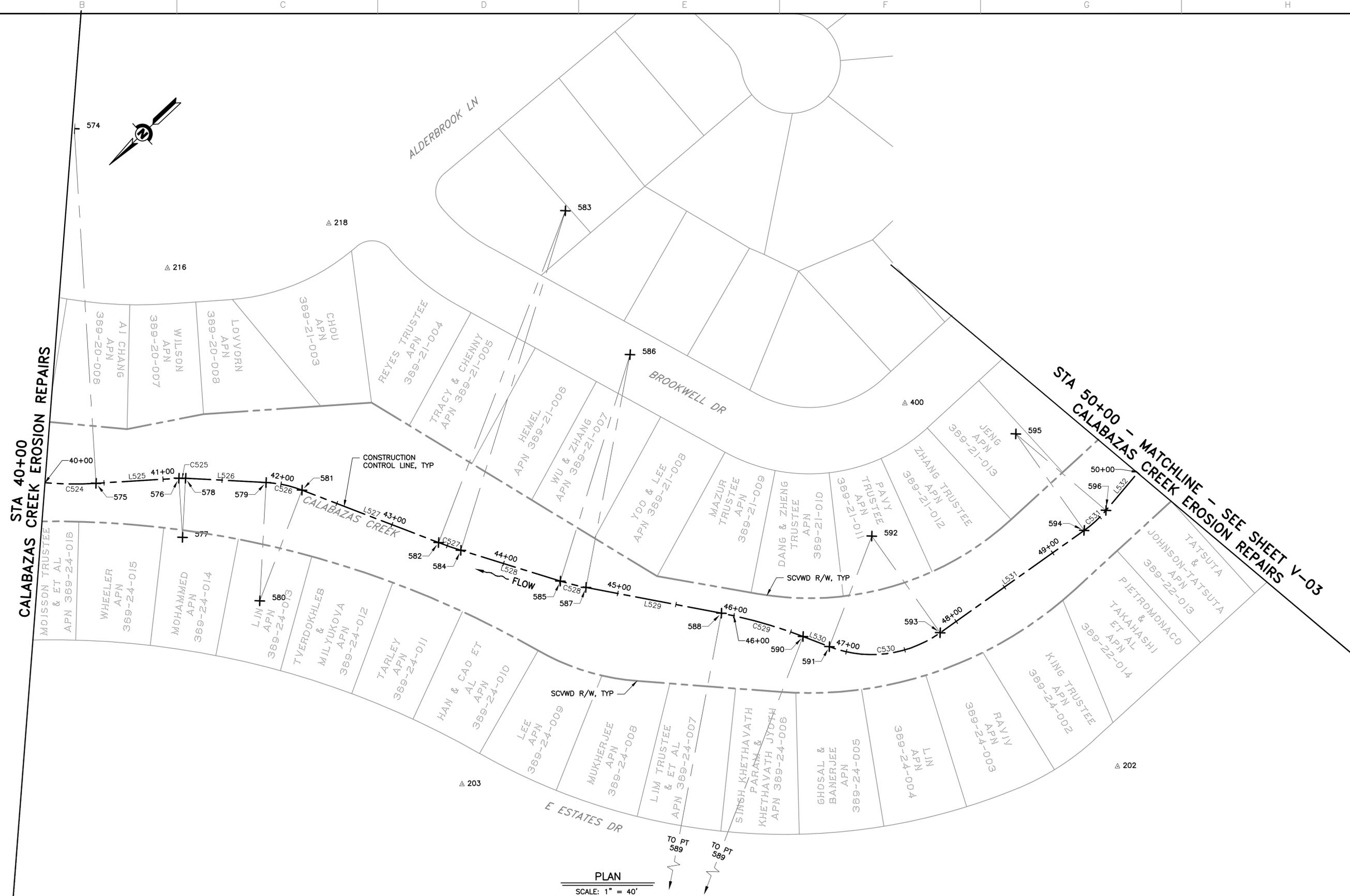
DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN K. LAM		
CHECKED B. LUKEN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:
CALABAZAS CREEK EROSION REPAIRS PROJECT
 SURVEY LAYOUT CONSTRUCTION CONTROL LINE
 STA 10+00 TO STA 20+00

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: V-01
	SHEET NUMBER: 6

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DOCUMENT NUMBER: CAA_IW-V-2010-85622



PLAN
 SCALE: 1" = 40'

REV	DESCRIPTION	DATE	APPR

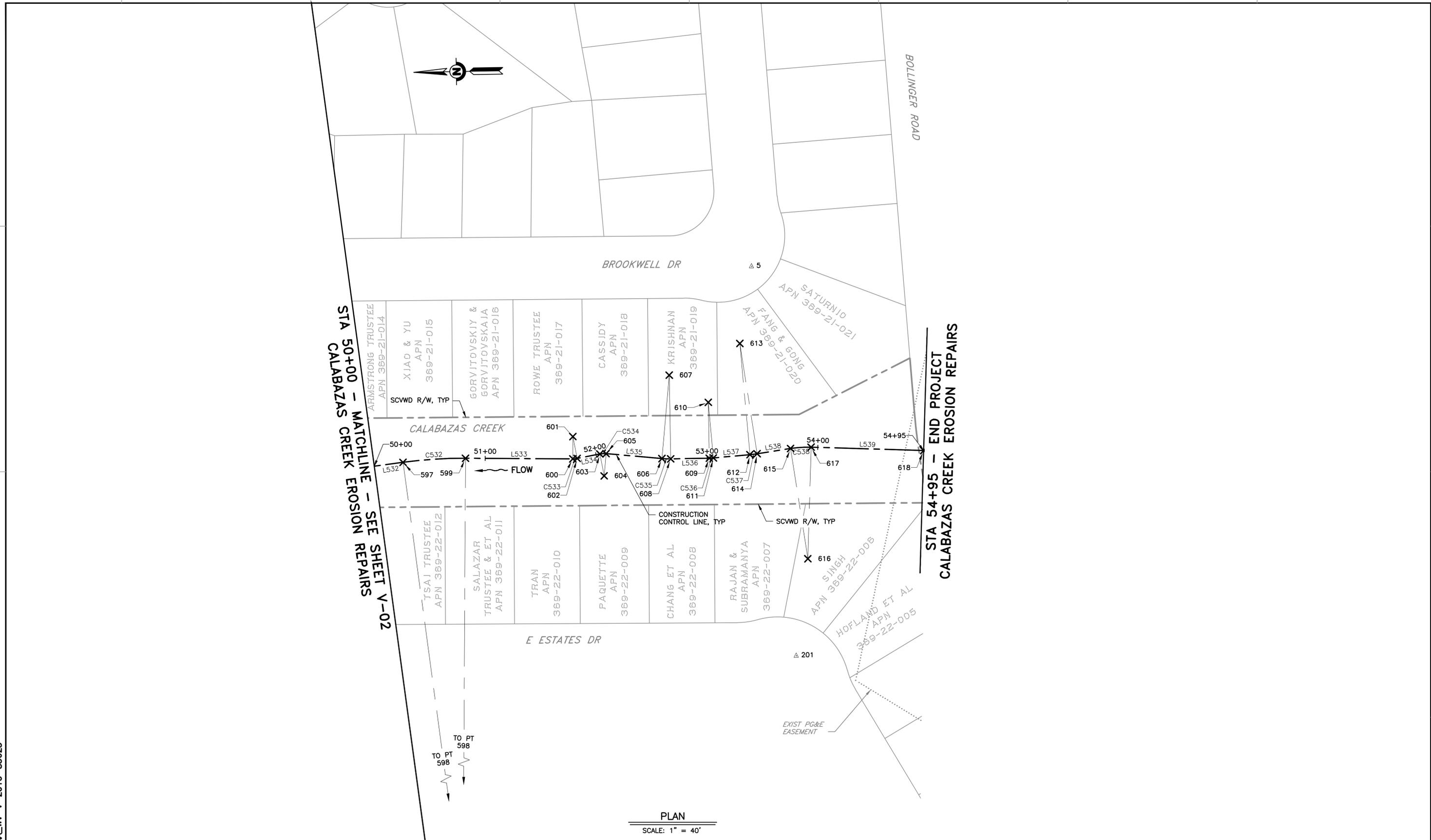
REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION
DESIGN E. MEYER	
DRAWN K. LAM	
CHECKED B. LUKEN	
ENGINEER	

SANTA CLARA VALLEY WATER DISTRICT

PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 SURVEY LAYOUT CONSTRUCTION CONTROL LINE
 STA 40+00 TO STA 50+00

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: V-02
	SHEET NUMBER: 7



PLAN
SCALE: 1" = 40'

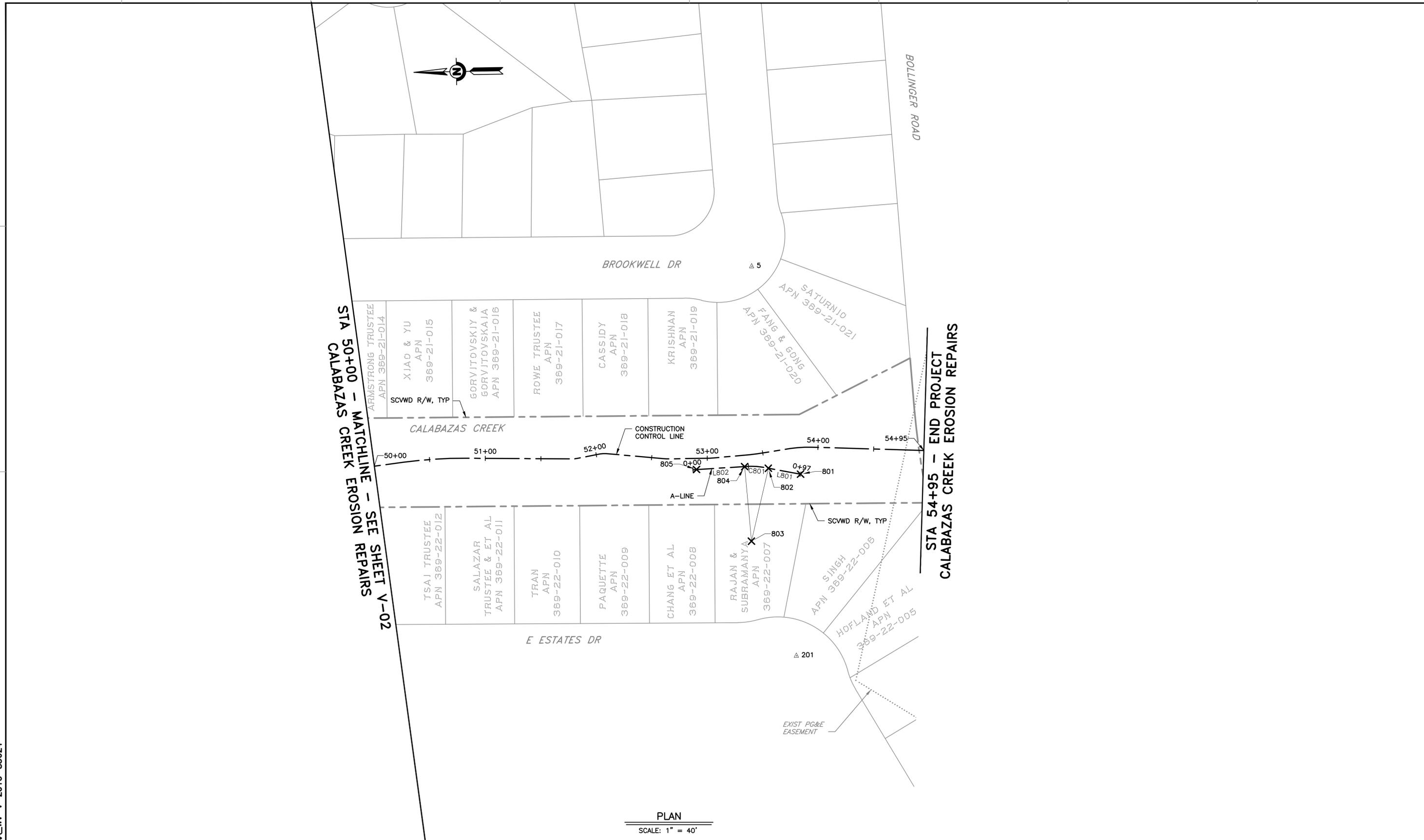
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION: CALABAZAS CREEK EROSION REPAIRS PROJECT SURVEY LAYOUT CONSTRUCTION CONTROL LINE STA 50+00 TO STA 54+95	SCALE	PROJECT NUMBER
					5/05/2025				AS SHOWN	62084001
					DESIGN			VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE:	
					DRAWN				V-03	
					CHECKED			SHEET NUMBER:		
					B. LUKEN	ENGINEER	DATE	8		

4

USERNAME: OscarReyn 5/6/2025 11:23 AM
FILENAME: K:\Active Projects\MP-62084001\Calabazas Creek Erosion Repairs\SHEETS\V-04.dwg

2

DOCUMENT NUMBER: CAA_IW-V-2010-85624



PLAN
SCALE: 1" = 40'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER	
					5/05/2025	DESIGN			AS SHOWN	62084001	
					E. MEYER				VERIFY SCALES	SHEET CODE:	
				DRAWN	K. LAM		0 1"		V-04		
				CHECKED	B. LUKEN		ENGINEER	DATE		BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NUMBER:
										9	

**CALABAZAS CREEK
EROSION REPAIRS PROJECT**
SURVEY LAYOUT A-LINE

USERNAME: OscarReyn 5/6/2025 11:21 AM
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 DOCUMENT NUMBER: CAA_IW-V-2010-85625

SURVEY CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
5	1939116.38	6119867.44	233.26	3/4" IRON PIPE OPEN IN MON BOX DOWN 1FT AT BROOKWELL DRIVE
201	1939082.31	6119517.91	234.13	3/4" IRON PIPE WITH TAG IN MON BOX DOWN 1FT AT EAST ESTATES DRIVE
202	1939640.41	6119524.59	231.27	BRASS PIN IN CONCRETE DOWN 0.2FT AT EAST ESTATES DRIVE
203	1940056.27	6119891.74	227.89	BRASS PIN IN CONCRETE DOWN 0.2FT AT EAST ESTATES DRIVE
205	1940414.25	6120305.35	222.78	3/4" IRON PIPE WITH WOOD PLUG AND NAIL, DOWN 1FT AT EAST ESTATES DRIVE AND GLENVIEW AVE
206	1940668.98	6120463.35	219.87	3/4" IRON PIPE WITH ILLEGIBLE TAG DOWN 1FT AT EAST ESTATES DRIVE
210	1941079.42	6120472.43	216.1	3/4" IRON PIPE RCE7595 DOWN 1FT AT EAST ESTATES DRIVE
212	1941354.97	6120449.37	213.83	1" IRON PIPE RCE7595 DOWN 1FT AT EAST ESTATES DRIVE
213	1941612.14	6120536.77	211.62	1" IRON PIPE OPEN DOWN 1FT AT EAST ESTATES DRIVE AND LA MAR CT
216	1939941.37	6120380.31	225.92	BRASS PIN IN CONCRETE DOWN 0.5FT AT ALDERBROOK LANE
218	1939815.84	6120314.85	225.99	3/4" IRON PIPE OPEN DOWN 1FT AT ALDERBROOK LANE
222	1941898.68	6120611.64	210.07	1" IRON PIPE OPEN DOWN 0.8FT AT EAST ESTATES DRIVE AND VICKSBURG DRIVE
311	1941877.31	6121287.29	207.15	BRASS DISK IN MON BOX DOWN 0.4FT AT CENTER OF BULB AT END OF GREENWOOD CT
317	1942083.51	6121566.35	203.03	BRASS DISK IN MON BOX AT MILLER AVE AND GREENWOOD CT
318	1942679.42	6121378.91	199.107	BRASS DISK IN MON BOX SOUTH OF INTERSECTION OF MILLER AVE AND VICKSBURG DRIVE
320	1942917.65	6121379.26	197.24	BRASS DISK IN MON BOX DOWN 0.7FT AT INTERSECTION OF MILLER AVE AND ROSEMARIE PL
352	1938961.99	6120266.27	234.84	3/4" IRON PIPE WITH ILLEGIBLE TAG AT INTERSECTION OF BOLLINGER ROAD AND ALDERBROOK LANE
400	1939562.96	6119871.47	230.35	3/4" IRON PIPE PLS6163 AT BROOKWELL DRIVE
404	1941944.52	6120907.28	207.84	BRASS DISK WITH PUNCH DOWN 0.7FT AT VICKSBURG DRIVE
407	1942719.66	6121171.05	199.62	BRASS DISK IN MON BOX DOWN 0.8FT AT VICKSBURG DRIVE
BM136	-	-	203.93	BRASS DISK ON TOP OF HEADWALL AT THE NORTHWEST CORNER OF CALABAZAS CREEK AND MILLER AVENUE LOCATED AT WEST SIDE OF MILLER AVENUE, CITY OF CUPERTINO.
BM234	-	-	212.29	BRASS DISK ON TOP OF CONCRETE WING WALL AT THE SOUTHWESTERN CORNER OF ESTATES DRIVE BRIDGE OVER REGNART CREEK, CITY OF CUPERTINO.
BM445	-	-	236.97	SCWWD'S 5CM DIAMETER BRASS DISK (1998) ON TOP OF NORTHERLY CURB OF BOLLINGER ROAD, AT APPROXIMATELY 250 FEET EASTERLY OF CALABAZAS CREEK AND SOUTHERLY 6.5 FEET FROM A POWER POLE, CITY OF CUPERTINO.

REGNART CREEK CONTROL LINE POINT TABLE				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
700	1941683.9001	6120951.3901	0+00.00	BP
701	1941693.3617	6120899.0362	0+53.20	AP
702	1941738.4517	6120656.3921	3+00.00	EP

REGNART CREEK CONTROL LINE TABLE		
LINE	LENGTH	BEARING
L700	53.20'	N79°45'21"W
L701	246.80'	N79°28'22"W

CONSTRUCTION CONTROL LINE POINT TABLE				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
500	1942396.5807	6121362.2465	10+00.00	BP
501	1942367.5541	6121349.4531	10+31.72	BC
502	1942432.0836	6121203.0437		RP
503	1942322.5042	6121319.6291	10+86.01	EC
504	1942300.4894	6121298.9373	11+16.22	BC
505	1942232.0021	6121371.8035		RP
506	1942291.2510	6121291.2456	11+28.25	EC
507	1942156.3092	6121191.9983	12+95.76	BC
508	1941999.2996	6121405.4766		RP
509	1942010.3482	6121140.7071	14+52.76	EC
510	1941978.5093	6121139.3784	14+84.62	BC
511	1941984.7632	6120989.5089		RP
512	1941939.3400	6121132.4660	15+24.51	EC
513	1941909.5518	6121123.0011	15+55.77	BC
514	1941954.9750	6120980.0440		RP
515	1941829.6154	6121062.4149	16+58.04	EC
516	1941812.3495	6121036.1382	16+89.48	BC
517	1941728.7765	6121091.0522		RP
518	1941797.5621	6121018.4675	17+12.58	EC
519	1941780.0669	6121001.8880	17+36.68	BC
520	1941642.4956	6121147.0573		RP
521	1941661.4176	6120947.9544	18+69.44	EC
522	1941635.1674	6120945.4597	18+95.80	BC
523	1941637.5327	6120920.5719		RP
524	1941629.7682	6120944.3356	19+01.33	EC
525	1941578.1169	6120927.4592	19+55.67	BC
526	1941733.4058	6120452.1853		RP
574	1939918.6838	6120520.3266		RP
575	1940109.4561	6120288.7972	40+43.26	EC
576	1940055.2739	6120244.1529	41+13.47	BC
577	1940087.0693	6120205.5646		RP
578	1940051.0794	6120240.2738	41+19.18	EC
579	1940003.7795	6120191.2286	41+87.32	BC
580	1940075.7594	6120121.8103		RP
581	1939985.9096	6120165.7082	42+18.60	EC
582	1939931.6236	6120054.5962	43+42.27	BC
583	1939662.0744	6120186.2900		RP
584	1939922.2697	6120036.9635	43+62.23	EC
585	1939878.4315	6119960.5772	44+50.30	BC
586	1939704.9680	6120060.1282		RP
587	1939866.2699	6119941.8840	44+72.62	EC
588	1939797.3104	6119847.8134	45+89.26	BC
589	1940119.9143	6119611.3251		RP
590	1939760.2097	6119786.2896	46+61.20	EC

CONSTRUCTION CONTROL LINE POINT TABLE				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
591	1939749.7972	6119764.8828	46+85.00	BC
592	1939659.8710	6119808.6240		RP
593	1939673.1991	6119709.5161	47+83.44	EC
594	1939525.2442	6119689.6191	49+32.73	BC
595	1939511.9162	6119788.7270		RP
596	1939500.1705	6119689.4192	49+57.87	EC
597	1939432.4252	6119697.4318	50+26.09	BC
598	1939385.4425	6119300.2006		RP
599	1939376.2502	6119700.0950	50+82.37	EC
600	1939279.9624	6119697.8816	51+78.68	BC
601	1939279.5028	6119717.8763		RP
602	1939275.9858	6119698.1880	51+82.68	EC
603	1939255.5425	6119701.8398	52+03.45	BC
604	1939252.0255	6119682.1515		RP
605	1939249.9268	6119702.0411	52+09.08	EC
606	1939199.8712	6119696.7592	52+59.42	BC
607	1939192.0009	6119771.3451		RP
608	1939192.0051	6119696.3451	52+67.30	EC
609	1939157.3466	6119696.3432	53+01.96	BC
610	1939157.3438	6119746.3432		RP
611	1939153.6874	6119696.4771	53+05.62	EC
612	1939120.7864	6119698.8896	53+38.61	BC
613	1939128.0994	6119798.6218		RP
614	1939114.3224	6119699.5754	53+45.11	EC
615	1939084.1965	6119703.7658	53+75.53	BC
616	1939070.4195	6119604.7193		RP
617	1939065.7327	6119704.6094	53+94.04	EC
618	1938964.6930	6119699.8686	54+95.19	EP

CONSTRUCTION CONTROL LINE TABLE		
LINE	LENGTH	BEARING
L500	31.72'	S23°47'07"W
L501	30.21'	S43°13'32"W
L502	167.51'	S36°20'02"W
L503	31.87'	S2°23'22"W
L504	31.26'	S17°37'38"W
L505	31.44'	S56°41'31"W
L506	24.10'	S43°27'38"W
L507	26.37'	S5°25'44"W
L508	54.34'	S18°05'39"W
L532	68.22'	S6°44'43"E
L533	96.31'	S1°19'01"W
L534	20.77'	S10°07'41"E
L535	50.33'	S6°01'25"W
L536	34.66'	S0°00'11"W
L537	32.99'	S4°11'38"E
L538	30.42'	S7°55'08"E
L539	101.15'	S2°41'11"W

CONSTRUCTION CONTROL LINE CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C500	160.00'	54.29'	19°26'25"
C501	100.00'	12.03'	6°53'31"
C502	265.00'	157.00'	33°56'40"
C503	150.00'	39.89'	15°14'15"
C504	150.00'	102.27'	39°03'54"
C505	100.00'	23.09'	13°13'53"
C506	200.00'	132.76'	38°01'54"
C507	25.00'	5.53'	12°39'55"
C508	500.00'	181.71'	20°49'20"
C524	300.00'	106.03'	20°15'03"
C525	50.00'	5.72'	6°33'02"
C526	100.00'	31.28'	17°55'24"
C527	300.00'	19.96'	3°48'46"
C528	200.00'	22.31'	6°23'32"
C529	400.00'	71.94'	10°18'18"
C530	100.00'	98.44'	56°24'07"
C531	100.00'	25.14'	14°24'16"
C532	400.00'	56.28'	8°03'44"
C533	20.00'	4.00'	11°26'41"
C534	20.00'	5.64'	16°09'06"
C535	75.00'	7.88'	6°01'13"
C536	50.00'	3.66'	4°11'49"
C537	100.00'	6.50'	3°43'30"
C538	100.00'	18.51'	10°36'19"

A-LINE POINT TABLE				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
801	1939075.8400	6119680.6170	0+00.00	BP
802	1939104.6333	6119686.4101	0+29.37	BC
803	1939120.9562	6119621.3540		RP
804	1939125.8954	6119688.2444	0+50.80	EC
805	1939169.1221	6119686.4232	0+94.07	EP

A-LINE LINE TABLE		
LINE	LENGTH	BEARING
L801	29.37'	S11°22'33"W
L802	43.27'	S2°24'45"E

A-LINE CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C801	67.07'	21.43'	18°18'29"

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN K. LAM		
CHECKED B. LUKEN		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:

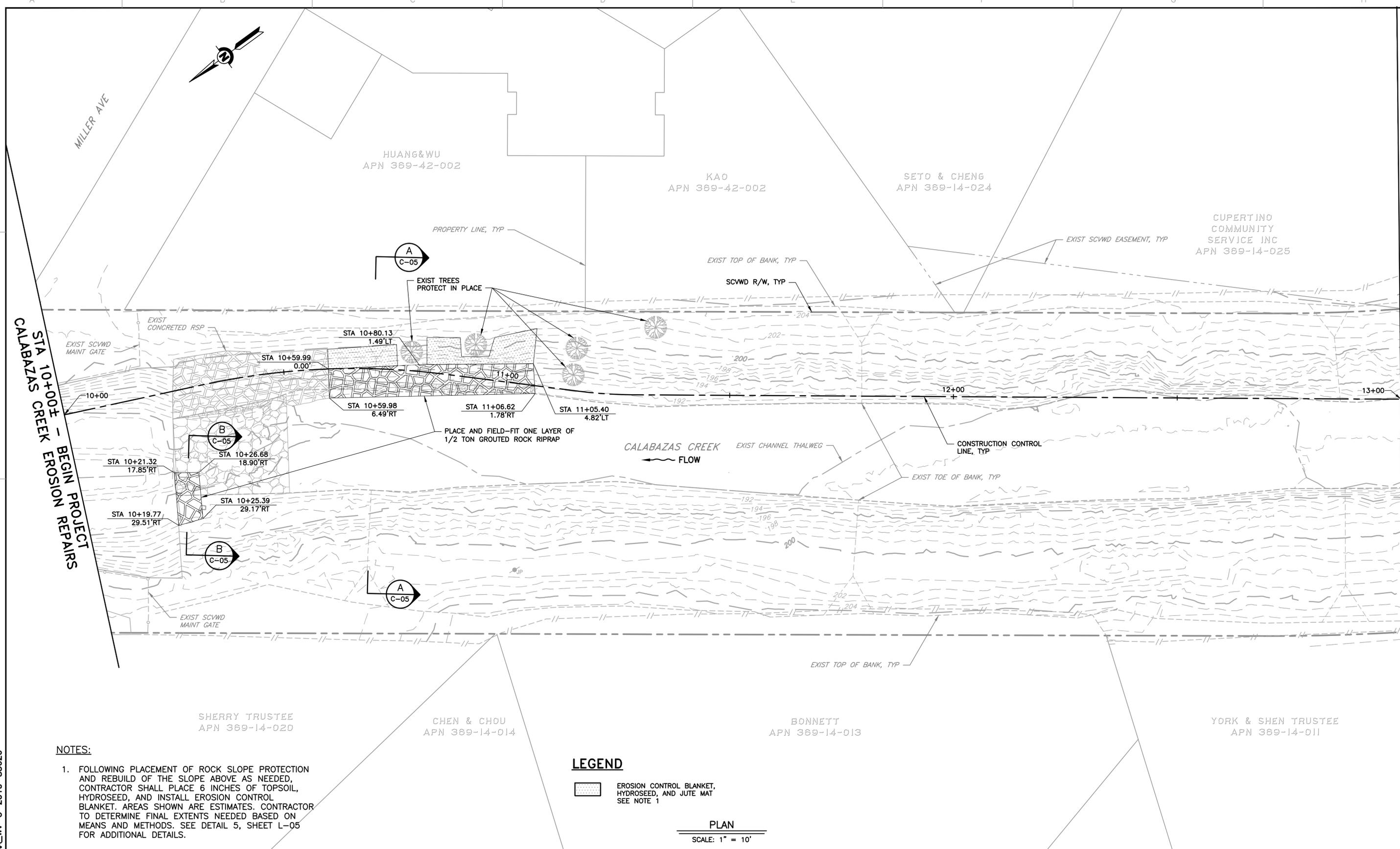
CALABAZAS CREEK EROSION REPAIRS PROJECT

SURVEY LAYOUT DATA

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: V-05
	SHEET NUMBER: 10

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DOCUMENT NUMBER: CAA_IW-C-2010-856626



STA 10+00± - BEGIN PROJECT
 CALABAZAS CREEK
 EROSION REPAIRS

STA 13+00 - MATCH LINE - SEE SHIT C-02

NOTES:

- FOLLOWING PLACEMENT OF ROCK SLOPE PROTECTION AND REBUILD OF THE SLOPE ABOVE AS NEEDED, CONTRACTOR SHALL PLACE 6 INCHES OF TOPSOIL, HYDROSEED, AND INSTALL EROSION CONTROL BLANKET. AREAS SHOWN ARE ESTIMATES. CONTRACTOR TO DETERMINE FINAL EXTENTS NEEDED BASED ON MEANS AND METHODS. SEE DETAIL 5, SHEET L-05 FOR ADDITIONAL DETAILS.

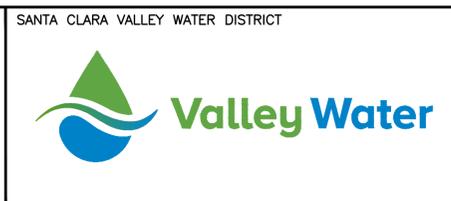
LEGEND

 EROSION CONTROL BLANKET, HYDROSEED, AND JUTE MAT
SEE NOTE 1

PLAN
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE
5/05/2025
 DESIGN
E. MEYER
 DRAWN
O. REYNOSO
 CHECKED
P. PARK
 ENGINEER



PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 PLAN - SITE 1 STA 10+00 TO STA 13+00

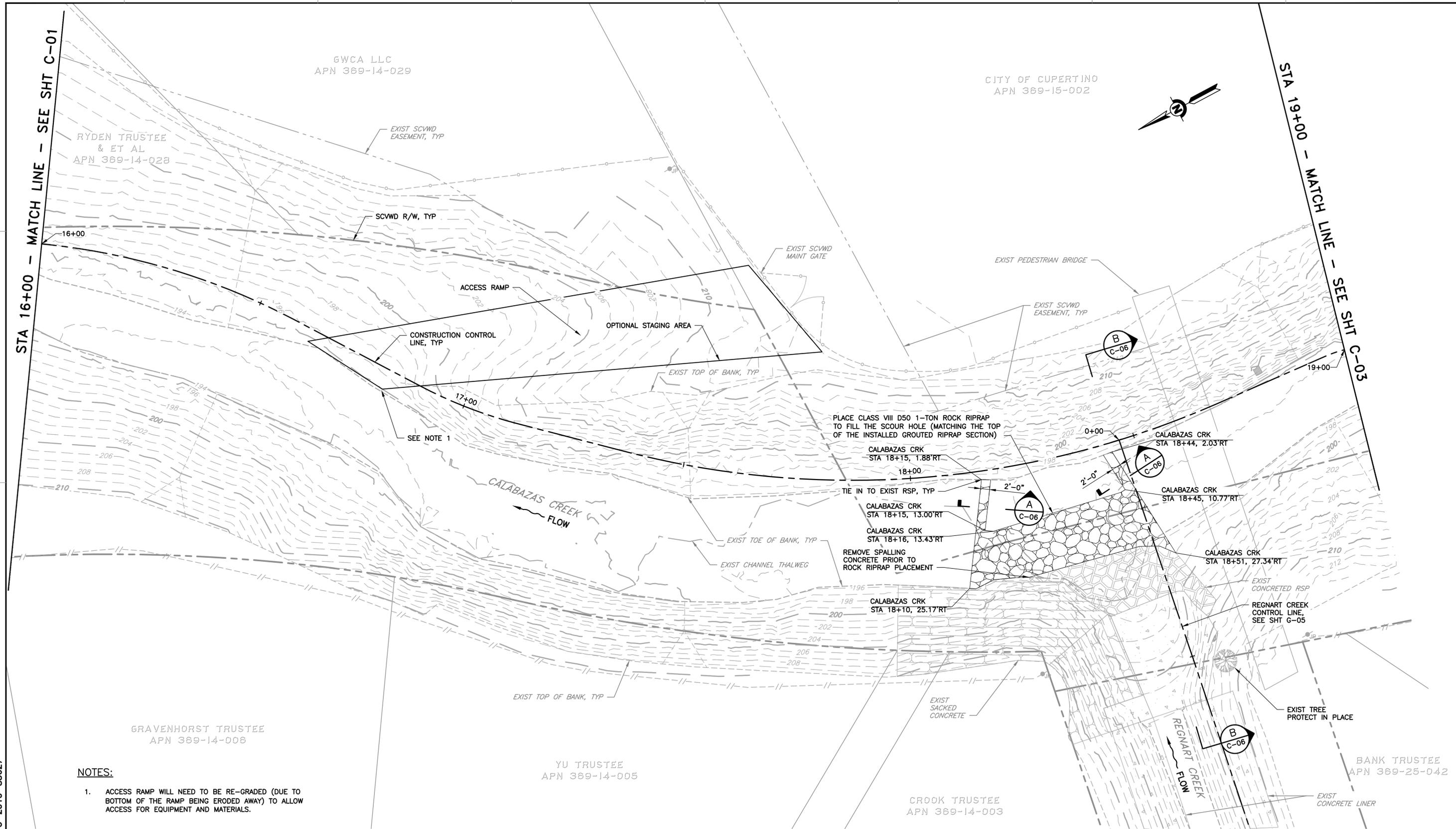
SCALE
AS SHOWN
 VERIFY SCALES

 BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER
62084001
 SHEET CODE:
C-01
 SHEET NUMBER:
11

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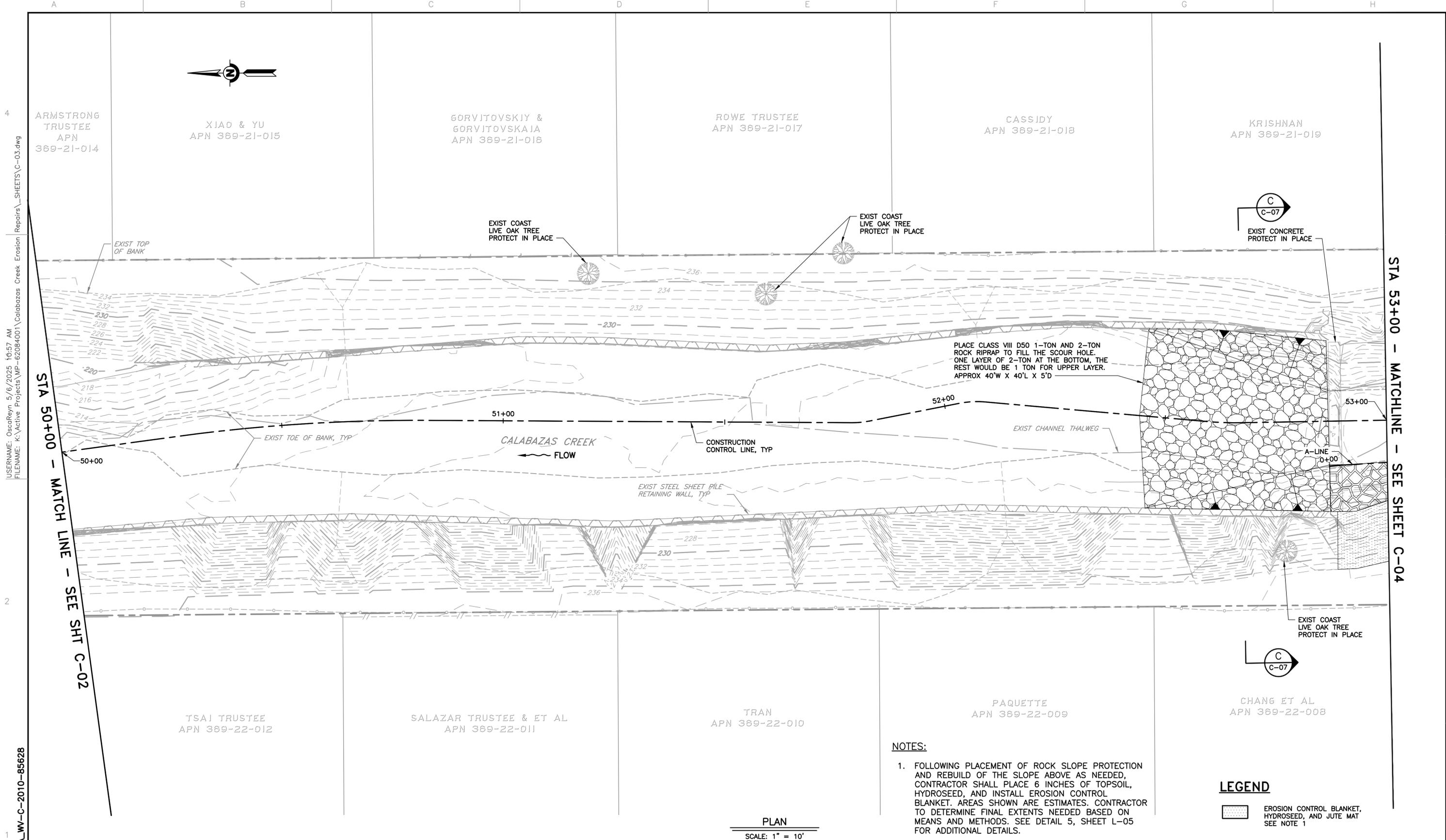
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- NOTES:**
- ACCESS RAMP WILL NEED TO BE RE-GRADED (DUE TO BOTTOM OF THE RAMP BEING ERODED AWAY) TO ALLOW ACCESS FOR EQUIPMENT AND MATERIALS.

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	PROJECT NUMBER
					5/05/2025			CALABAZAS CREEK EROSION REPAIRS PROJECT PLAN - SITE 2 STA 16+00 TO STA 19+00	AS SHOWN	62084001
									VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: C-02 SHEET NUMBER: 12



PLAN
SCALE: 1" = 10'

NOTES:

1. FOLLOWING PLACEMENT OF ROCK SLOPE PROTECTION AND REBUILD OF THE SLOPE ABOVE AS NEEDED, CONTRACTOR SHALL PLACE 6 INCHES OF TOPSOIL, HYDROSEED, AND INSTALL EROSION CONTROL BLANKET. AREAS SHOWN ARE ESTIMATES. CONTRACTOR TO DETERMINE FINAL EXTENTS NEEDED BASED ON MEANS AND METHODS. SEE DETAIL 5, SHEET L-05 FOR ADDITIONAL DETAILS.

LEGEND

EROSION CONTROL BLANKET, HYDROSEED, AND JUTE MAT
SEE NOTE 1

USER: OscarReyn 5/6/2025 10:57 AM
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 DOCUMENT NUMBER: CAA_IW-C-2010-85628

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN O. REYNOSO		
CHECKED P. PARK		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 PLAN - SITE 9 & 10 STA 50+00 TO STA 53+00

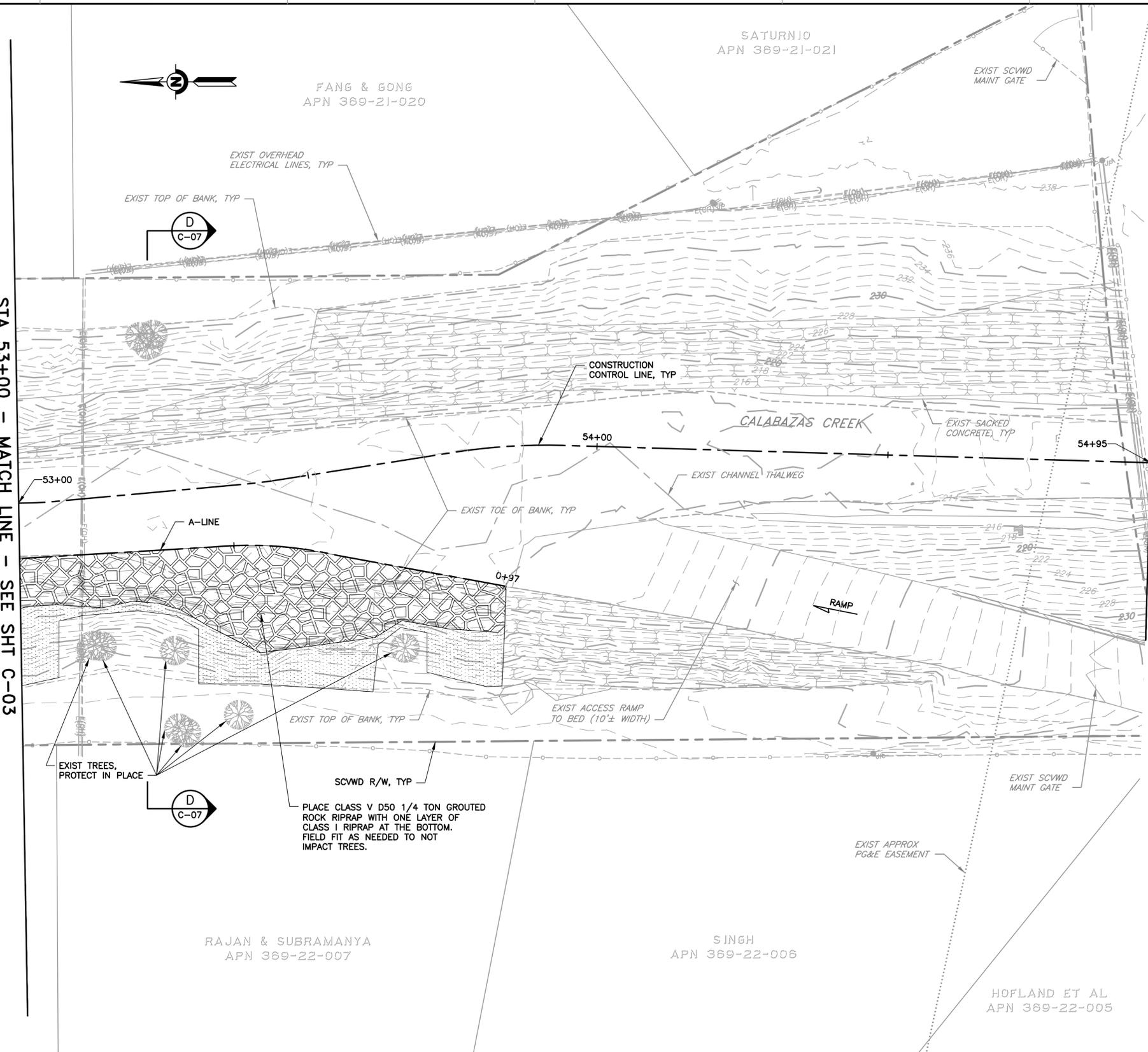
SCALE AS SHOWN	PROJECT NUMBER 62084001
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: C-03
	SHEET NUMBER: 13

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DOCUMENT NUMBER: CAA_IW-C-2010-85629

STA 53+00 - MATCH LINE - SEE SHT C-03

STA 54+95 - END PROJECT
 CALABAZAS CREEK EROSION REPAIRS



- NOTES:**
- FOLLOWING PLACEMENT OF ROCK SLOPE PROTECTION AND REBUILD OF THE SLOPE ABOVE AS NEEDED, CONTRACTOR SHALL PLACE 6 INCHES OF TOPSOIL, HYDROSEED, AND INSTALL EROSION CONTROL BLANKET. AREAS SHOWN ARE ESTIMATES. CONTRACTOR TO DETERMINE FINAL EXTENTS NEEDED BASED ON MEANS AND METHODS. SEE DETAIL 5, SHEET L-05 FOR ADDITIONAL DETAILS.

LEGEND

EROSION CONTROL BLANKET, HYDROSEED, AND JUTE MAT
 SEE NOTE 1

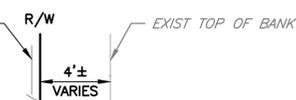
PLAN
 SCALE: 1" = 10'

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
					5/05/2025			CALABAZAS CREEK EROSION REPAIRS PROJECT	0 1"	62084001
								PLAN - SITE 9 & 10 STA 53+00 TO STA 54+95	VERIFY SCALES	SHEET CODE:
									0 1"	C-04
									BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NUMBER:
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USERNAME: OscarReyn 5/6/2025 10:58 AM
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DOCUMENT NUMBER: CAA_IW-C-2010-85630

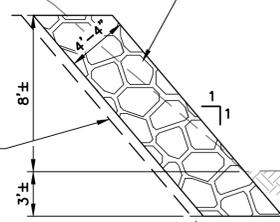
EXIST FENCE
 PROTECT IN PLACE



PLACE 1/2-TON GROUDED ROCK RIPRAP
 (REFER TO SHEET C-01 FOR LIMITS)

EG

INSTALL CLASS 8 RSP FABRIC
 PRIOR TO PLACEMENT OF ROCKS



TYPICAL SECTION A SITE 1 CONSTRUCTION CONTROL LINE
 C-01 STA 10+60± TO STA 11+07±
 SCALE: 1" = 5'

EXIST TOP OF BANK

PLACE AND FIELD FIT
 1/2-TON GROUDED
 ROCK RIPRAP

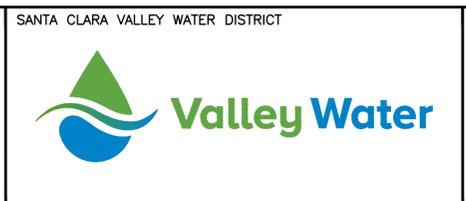
EG



TYPICAL SECTION B SITE 1 CONSTRUCTION CONTROL LINE
 C-01 STA 10+19± TO STA 10+27±
 SCALE: 1" = 5'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN O. REYNOSO		
CHECKED P. PARK		
ENGINEER		



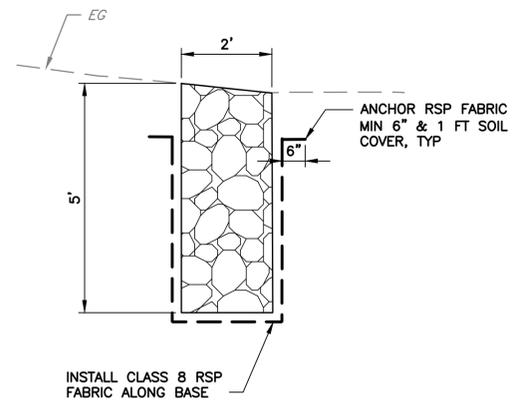
PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 TYPICAL SECTIONS

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

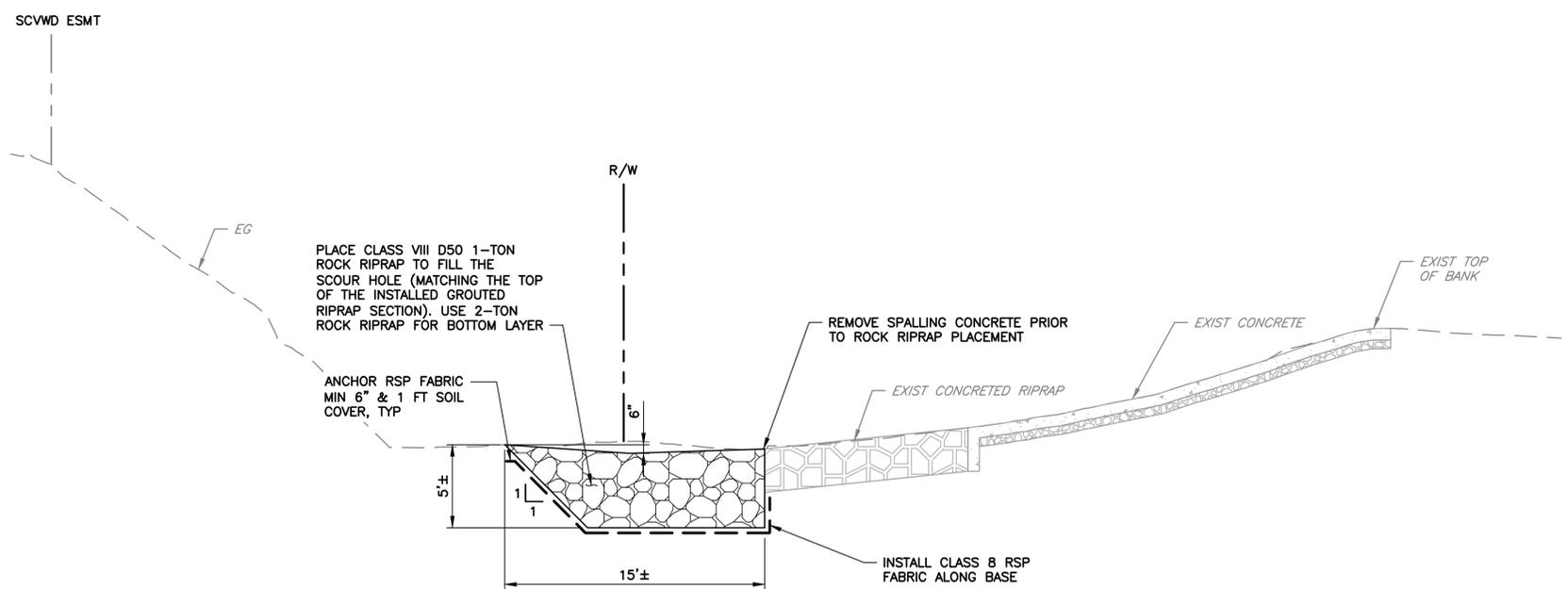
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 SHEET CODE:
C-05
 SHEET NUMBER:
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DOCUMENT NUMBER: CAA_IW-C-2010-85631



TYPICAL SECTION A SITE 2 CONSTRUCTION CONTROL LINE
 C-03 STA 18+60±
 SCALE: 1" = 2'



TYPICAL SECTION B SITE 2 CONSTRUCTION CONTROL LINE
 C-03 STA 18+45±
 SCALE: 1" = 5'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN O. REYNOSO		
CHECKED P. PARK		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 TYPICAL SECTIONS

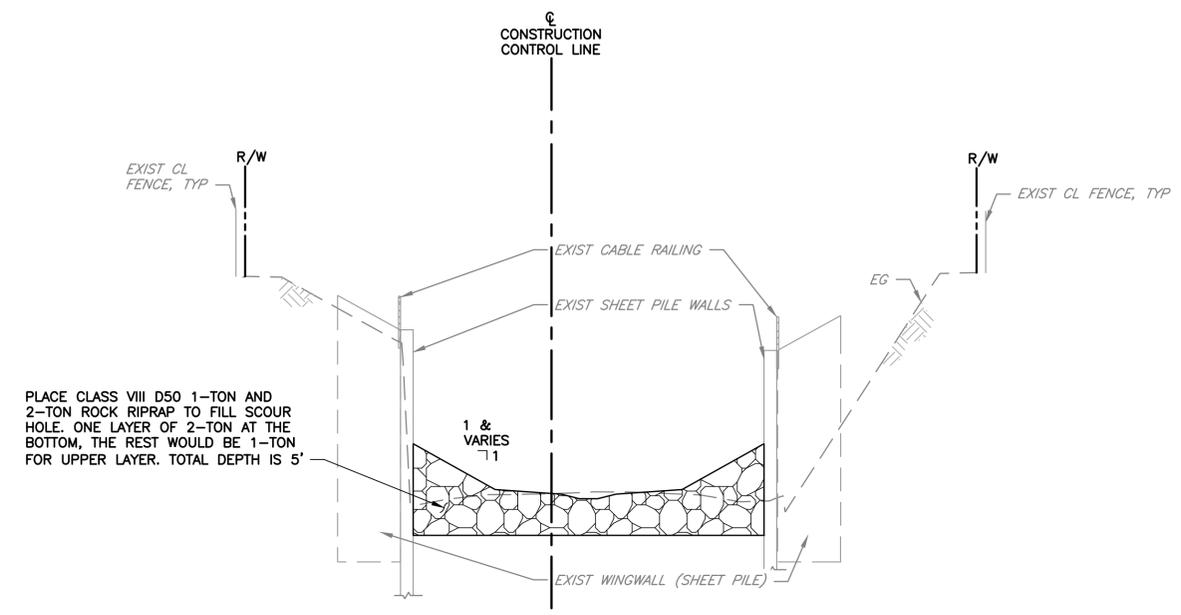
SCALE AS SHOWN	PROJECT NUMBER 62084001
VERIFY SCALES 0 1" BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: C-06
	SHEET NUMBER: 16

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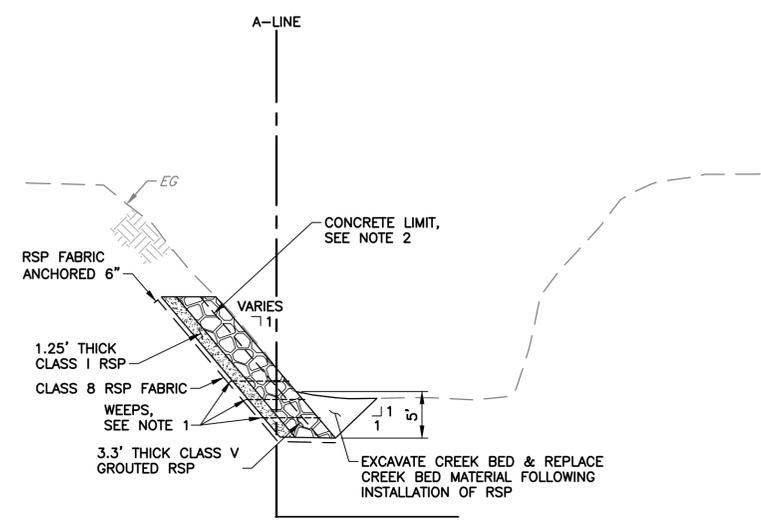
DOCUMENT NUMBER: CAA_IW-C-2010-85632

NOTES:

1. INSTALL MINIMUM OF 2 TIERS OF WEEPS, SPACED AT 5 FT ON CENTER VERTICALLY AND 10 FT ON CENTER IN PLAN VIEW.
2. LEAVE ROCKS EXPOSED 1.3 FT NORMAL TO SLOPE ON CHANNEL SIDE OF CONCRETE LIMIT LINE.



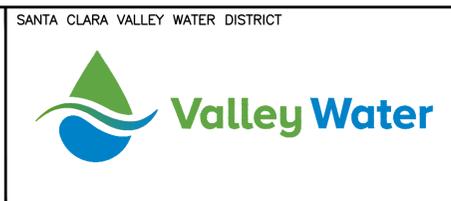
TYPICAL SECTION C SITE 9 & 10 CONSTRUCTION CONTROL LINE
 STA 50+70± TO STA 52+90±
 SCALE: 1" = 10'



TYPICAL SECTION D SITE 11 A-LINE
 STA 0+00 TO STA 0+94
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE 5/05/2025	ENGINEERING CERTIFICATION
DESIGN E. MEYER	
DRAWN O. REYNOSO	
CHECKED P. PARK	
ENGINEER	

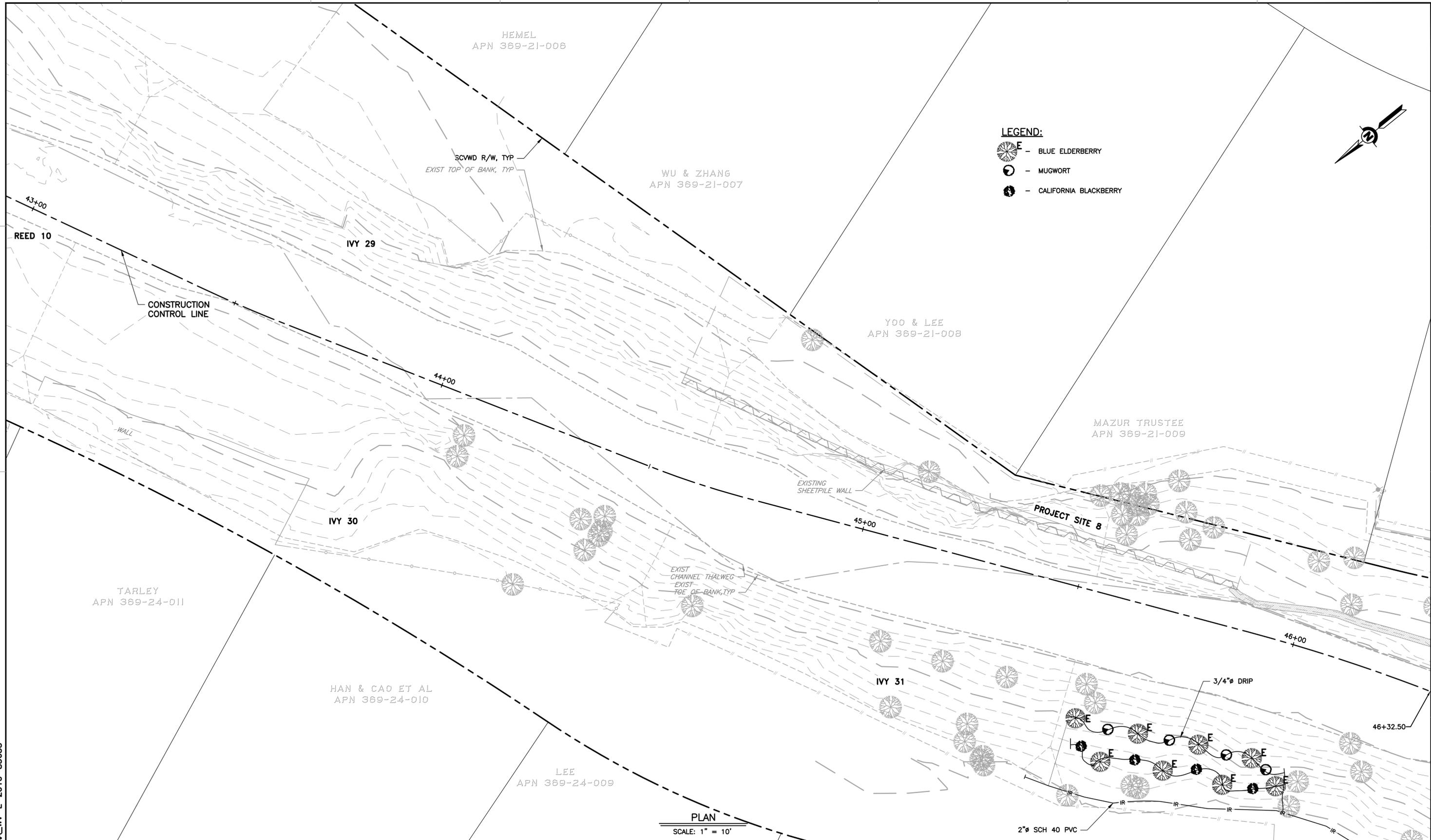


PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 TYPICAL SECTIONS SITES 9, 10 AND 11

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-07
	SHEET NUMBER: 17

USERNAME: OscarReyn 5/6/2025 11:00 AM
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DOCUMENT NUMBER: CAA_IW-L-2010-85633



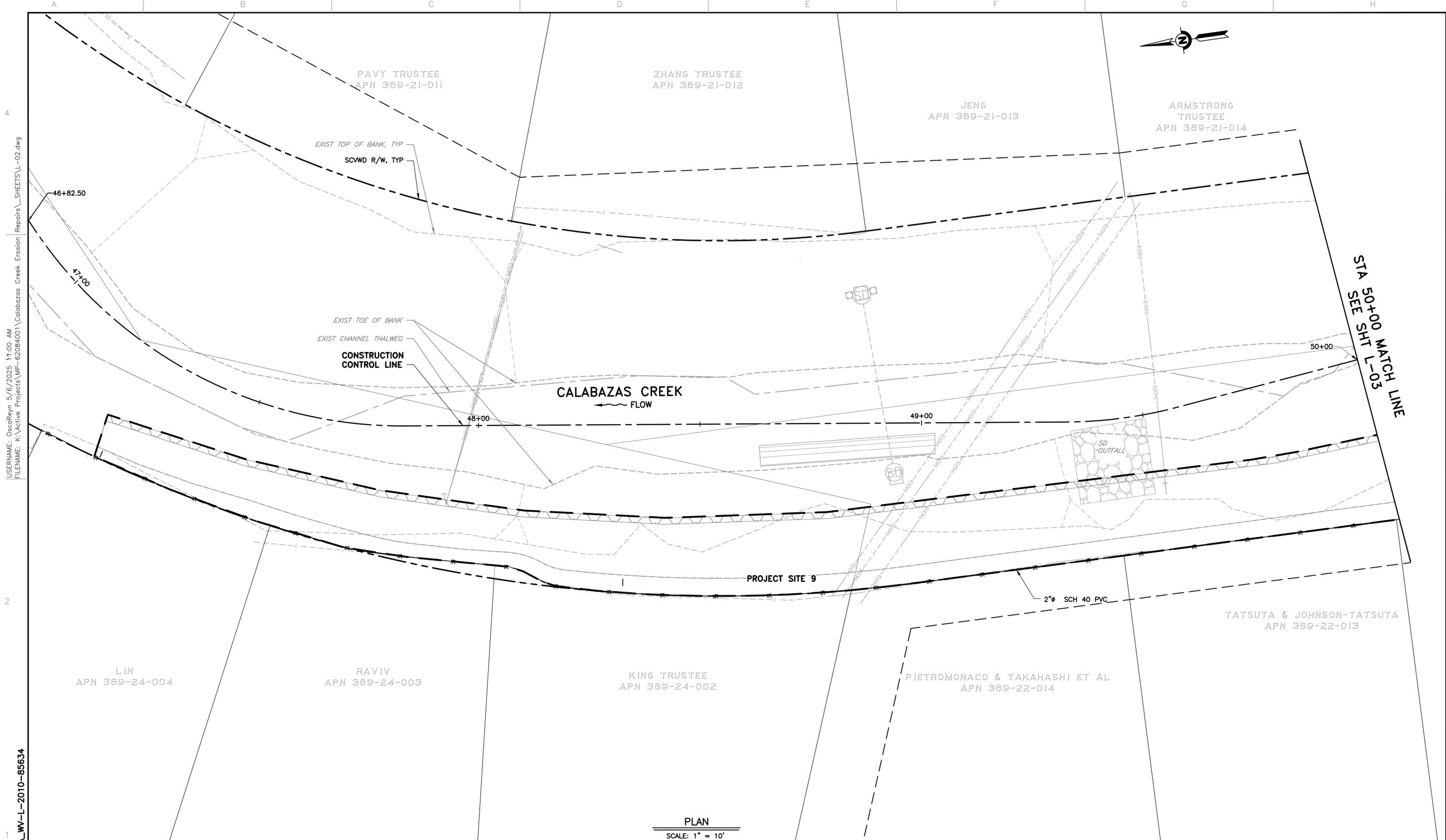
LEGEND:

- BLUE ELDERBERRY
- MUGWORT
- CALIFORNIA BLACKBERRY



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	PROJECT NUMBER
					5/05/2025				AS SHOWN	62084001
				1. THE IRRIGATION SYSTEM SHOWN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL PROPOSE AN IRRIGATION SYSTEM AND SUBMIT TO THE ENGINEER FOR APPROVAL. 2. NOT ALL TREES SHOWN. ONLY TREES NEAR PROPOSED WORK ARE SHOWN AND ARE FOR INFORMATIONAL PURPOSE ONLY.	DESIGN		CALABAZAS CREEK EROSION REPAIRS PROJECT	VERIFY SCALES	SHEET CODE:	
				DRAWN				L-01		
				CHECKED	BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.			SHEET NUMBER:		
				P. PARK	18					
					ENGINEER	DATE			Attachment 4 Page 18 of 30	



USERNAME: OscarReyn 5/6/2025 11:00 AM
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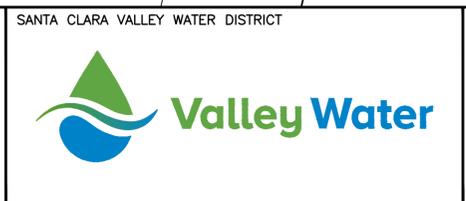
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PLAN
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES
 1. THE IRRIGATION SYSTEM SHOWN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL PROPOSE AN IRRIGATION SYSTEM AND SUBMIT TO THE ENGINEER FOR APPROVAL.
 2. NOT ALL TREES SHOWN. ONLY TREES NEAR PROPOSED WORK ARE SHOWN AND ARE FOR INFORMATIONAL PURPOSE ONLY.

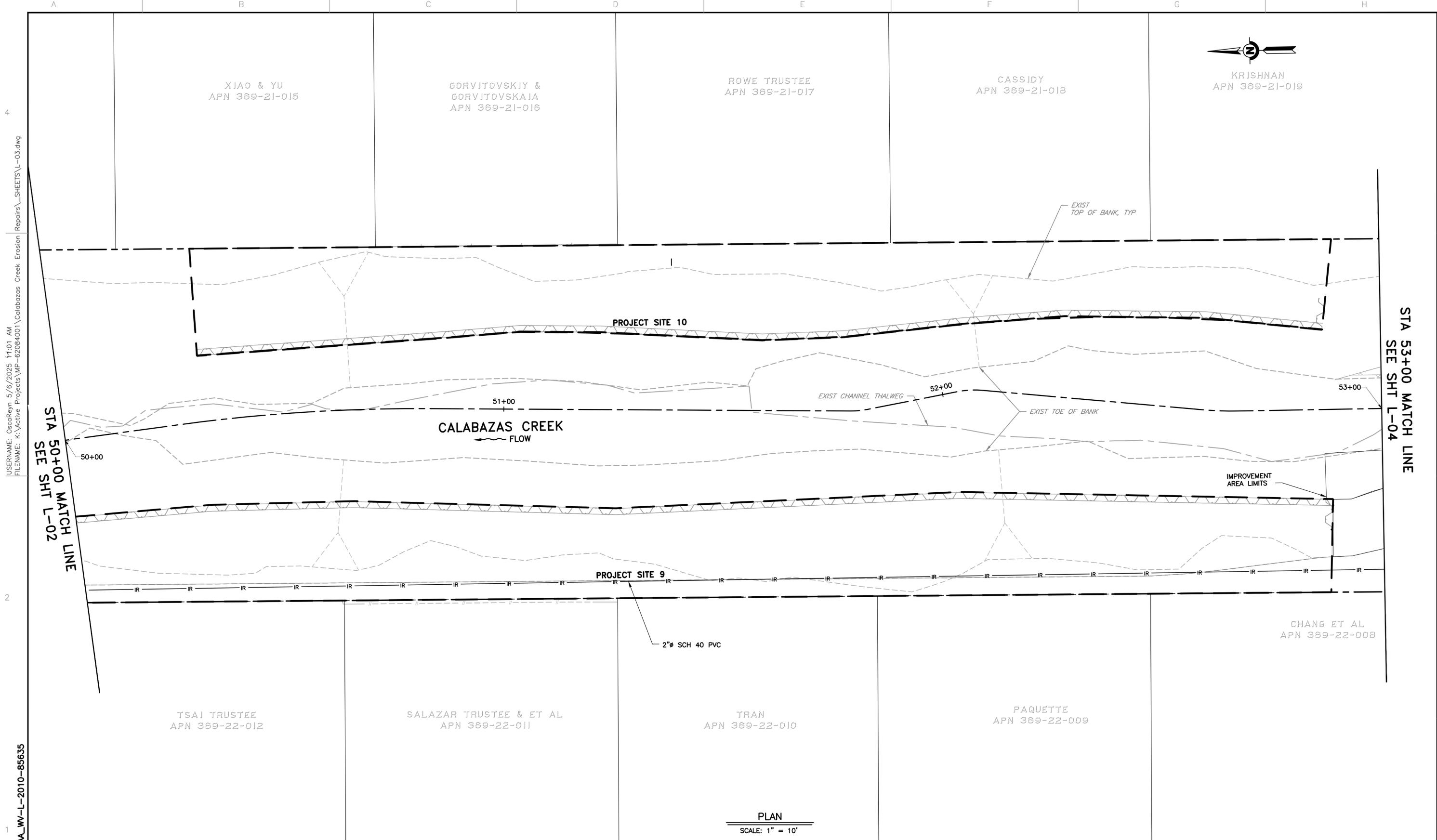
DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER: P. PARK



PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 PLANTING PLAN PROJECT SITE 9

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

PROJECT NUMBER: 62084001
 SHEET CODE: L-02
 SHEET NUMBER: 19



USERNAME: OscarReyn 5/6/2025 11:01 AM
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DOCUMENT NUMBER: CAA_WW-L-2010-85635

PLAN
SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES

1. THE IRRIGATION SYSTEM SHOWN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL PROPOSE AN IRRIGATION SYSTEM AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. NOT ALL TREES SHOWN. ONLY TREES NEAR PROPOSED WORK ARE SHOWN AND ARE FOR INFORMATIONAL PURPOSE ONLY.

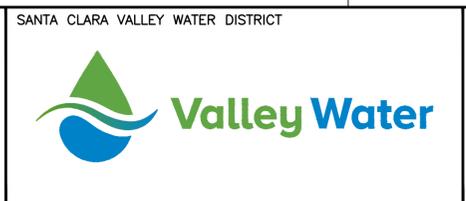
DATE
5/05/2025

DESIGN
E. MEYER

DRAWN
O. REYNOSO

CHECKED
P. PARK

ENGINEER DATE



SANTA CLARA VALLEY WATER DISTRICT

PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 PLANTING PLAN PROJECT SITES 9 & 10

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

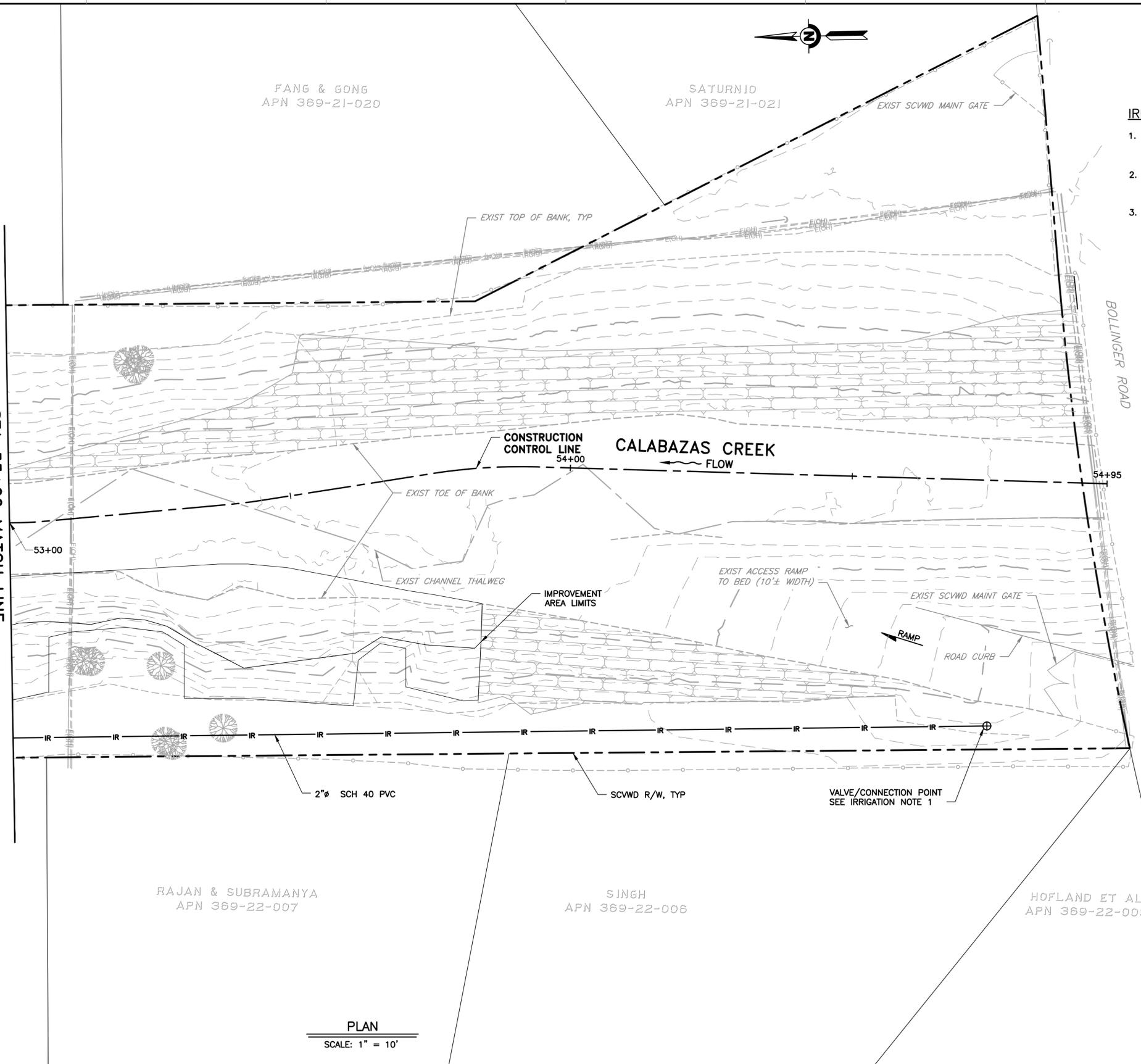
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SHEET NUMBER:
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 FILENAME: K:\Active Projects\MP-62084001\Calabazas Creek Erosion Repairs\SHEETS\L-04.dwg

DOCUMENT NUMBER: CAA_WW-L-2010-85636

STA 53+00 MATCH LINE
 SEE SHT L-03



- IRRIGATION NOTE:**
1. THE CONNECTION POINT FOR IRRIGATION LINES SHALL USE A 2" FEMALE METAL CAMLOCK QUICK COUPLER WITH PLUG CAP.
 2. THE CONTRACTOR SHALL USE WATER BUFFALO EQUIPPED WITH BOOSTER PUMP AND ALL APPURTENANCES NECESSARY TO PROVIDE ADEQUATE PRESSURE TO THE IRRIGATION LINE.
 3. THE CONTRACTOR SHALL COORDINATE WITH CITY OF CUPERTINO ANY LANE CLOSURE DURING IRRIGATION OPERATIONS AND PROVIDE THE REQUIRED TRAFFIC CONTROL SYSTEM.

PLAN
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES

1. THE IRRIGATION SYSTEM SHOWN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL PROPOSE AN IRRIGATION SYSTEM AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. NOT ALL TREES SHOWN. ONLY TREES NEAR PROPOSED WORK ARE SHOWN AND ARE FOR INFORMATIONAL PURPOSE ONLY.

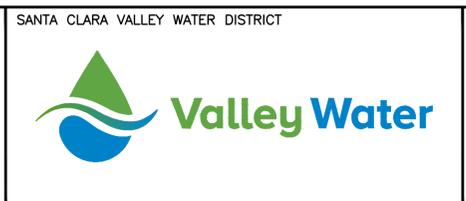
DATE
5/05/2025

DESIGN
E. MEYER

DRAWN
O. REYNOSO

CHECKED
P. PARK

ENGINEER DATE



PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 PLANTING PLAN PROJECT SITES 9 & 10

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

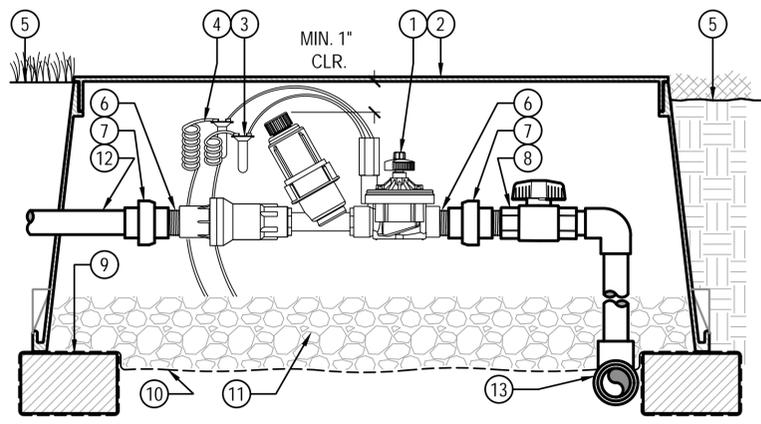
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SHEET NUMBER:
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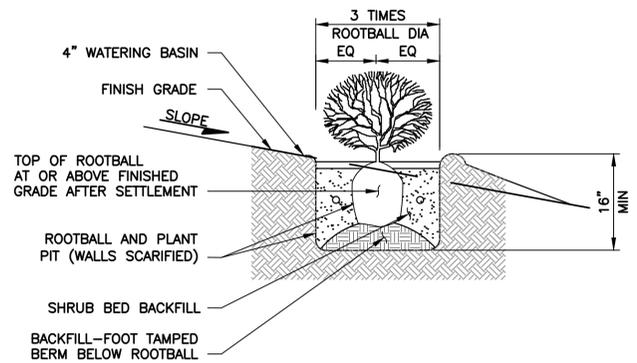
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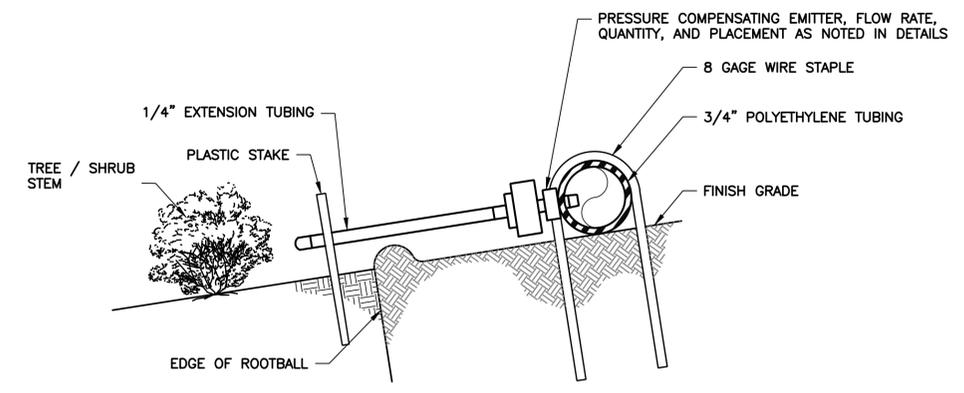
- ① HUNTER REMOTE CONTROL VALVE (ICZ) WITH FILTER REGULATOR
- ② IRRIGATION VALVE BOX: HEAT STAMP LID WITH "RCV" IN 2" LETTERS
- ③ WATERPROOF CONNECTORS (2)
- ④ 18"-24" COILED WIRE TO CONTROLLER
- ⑤ FINISH GRADE AT ADJACENT SURFACE (TURF OR MULCH)
- ⑥ SCH. 80 CLOSE NIPPLE, MATCH SIZE TO VALVE
- ⑦ PVC SLIP x FPT UNION
- ⑧ ISOLATION VALVE, SIZE AND TYPE PER PLAN
- ⑨ BRICK SUPPORTS (4)
- ⑩ FILTER FABRIC - WRAP TWICE AROUND BRICK SUPPORTS
- ⑪ 3/4" WASHED GRAVEL - 4" MIN DEPTH
- ⑫ IRRIGATION LATERAL
- ⑬ MAINLINE LATERAL AND FITTINGS



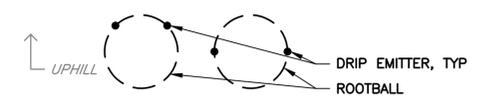
DETAIL 1 DRIP CONTROL ZONE KIT WITH UNIONS AND ISOLATION VALVE
 SCALE: N.T.S.
 HUNTER ICZ-101 OR EQUIVALENT, DRAWING V.ICZ.08



DETAIL 3 SHRUB PLANTING ON SLOPE
 SCALE: N.T.S.

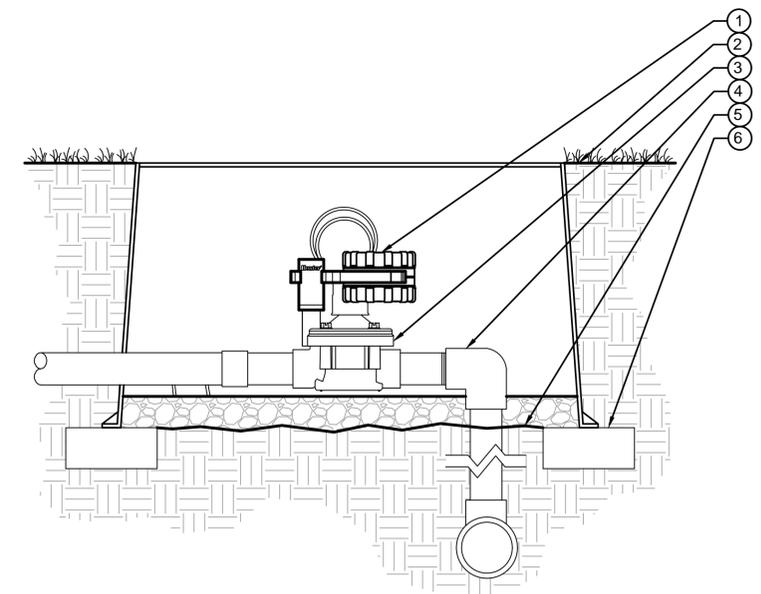


LATERAL DRIPLINE & EMITTER EXTENSION



DRIP EMITTER

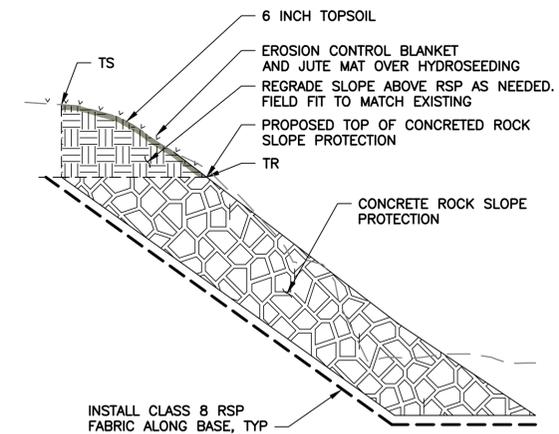
DETAIL 4 PLACEMENT EXAMPLES
 SCALE: N.T.S.



DETAIL 2 NODE ON VALVE
 SCALE: N.T.S.
 HUNTER DRAWING C.NODE.01

LEGEND:

- ① IRRIGATION CONTROLLER (NODE) PER PLAN
- ② FINISHED GRADE
- ③ VALVE PER PLAN
- ④ PVC MAIN LINE
- ⑤ FILTER FABRIC
- ⑥ BRICK



DETAIL 5 REGRADE OF EXISTING SLOPE
 SCALE: N.T.S.

DOCUMENT NUMBER: CAA_WW-L-2010-85637

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

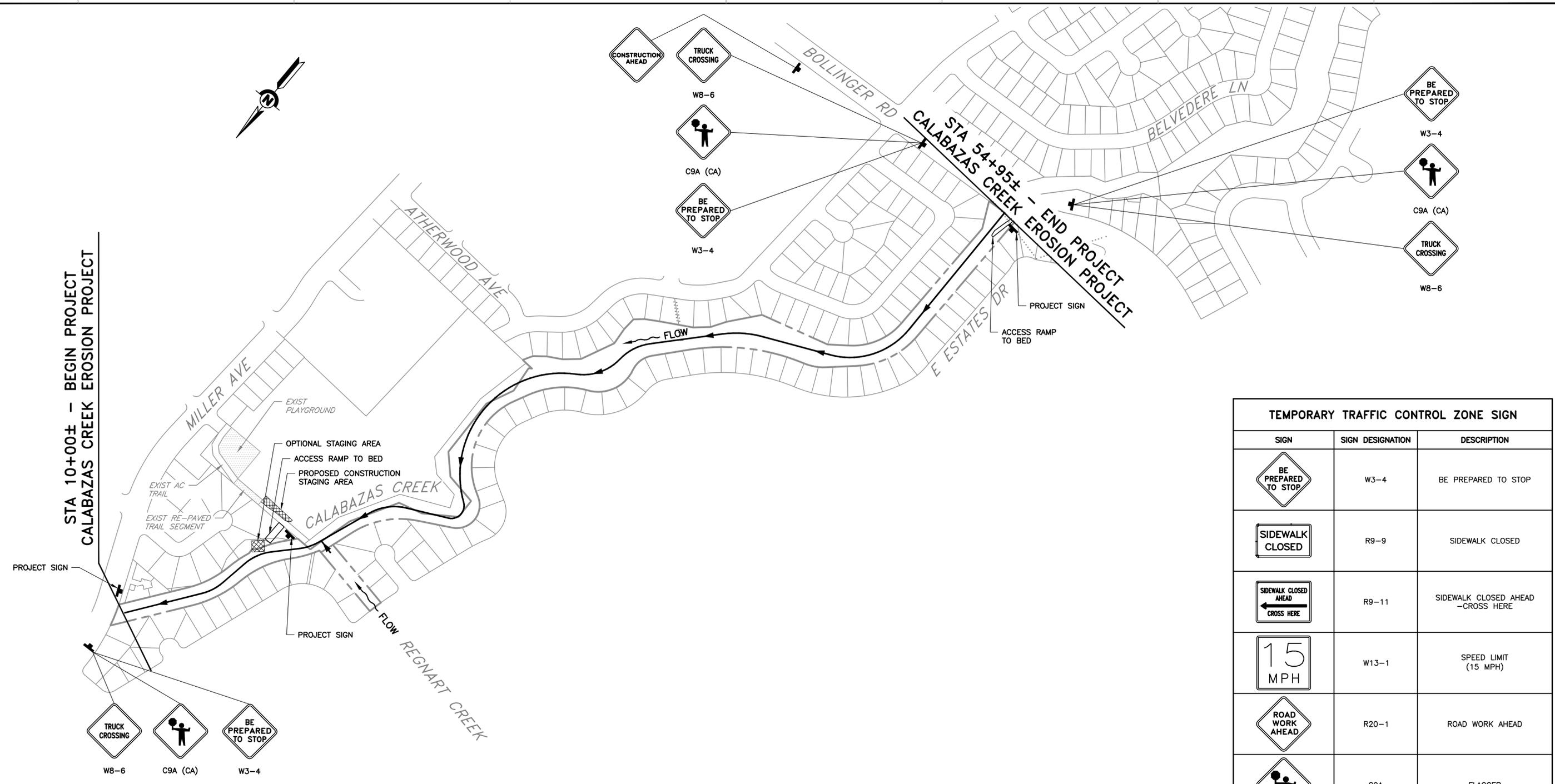
DATE 5/05/2025	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT
DESIGN E. MEYER		
DRAWN O. REYNOSO		
CHECKED P. PARK		
ENGINEER		

PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 IRRIGATION DETAILS

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: L-05
	SHEET NUMBER: 22

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DOCUMENT NUMBER: CAA_IW-TC-2010-85638



GENERAL TRAFFIC CONTROL NOTES:

1. ALL TRAFFIC CONTROL DEVICES, SIGNS AND METHODS SHALL ADHERE TO SECTION 6 OF THE LATEST VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE TRAFFIC CONTROL SHOWN ON THIS PLAN IS THE MINIMUM NECESSARY FOR THE PHASE OF WORK DESCRIBED HEREIN. THE CONTRACTOR SHALL SUBMIT PROPOSED WORK SCHEDULE AND TRAFFIC CONTROL AND PHASING PLANS TO THE CITY OF CUPERTINO FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE TRAFFIC SIGNAL AND DETECTOR CHANGES WITH THE CITY OF CUPERTINO. ALLOW AT LEAST 2 WEEKS FOR CITY OF CUPERTINO REVIEW OF ANY SIGNAL RELATED MODIFICATION PLANS.
4. CONTRACTOR TO PROVIDE FLAGGERS AT ALL CONSTRUCTION OPERATIONS AS NECESSARY.

LEGEND:

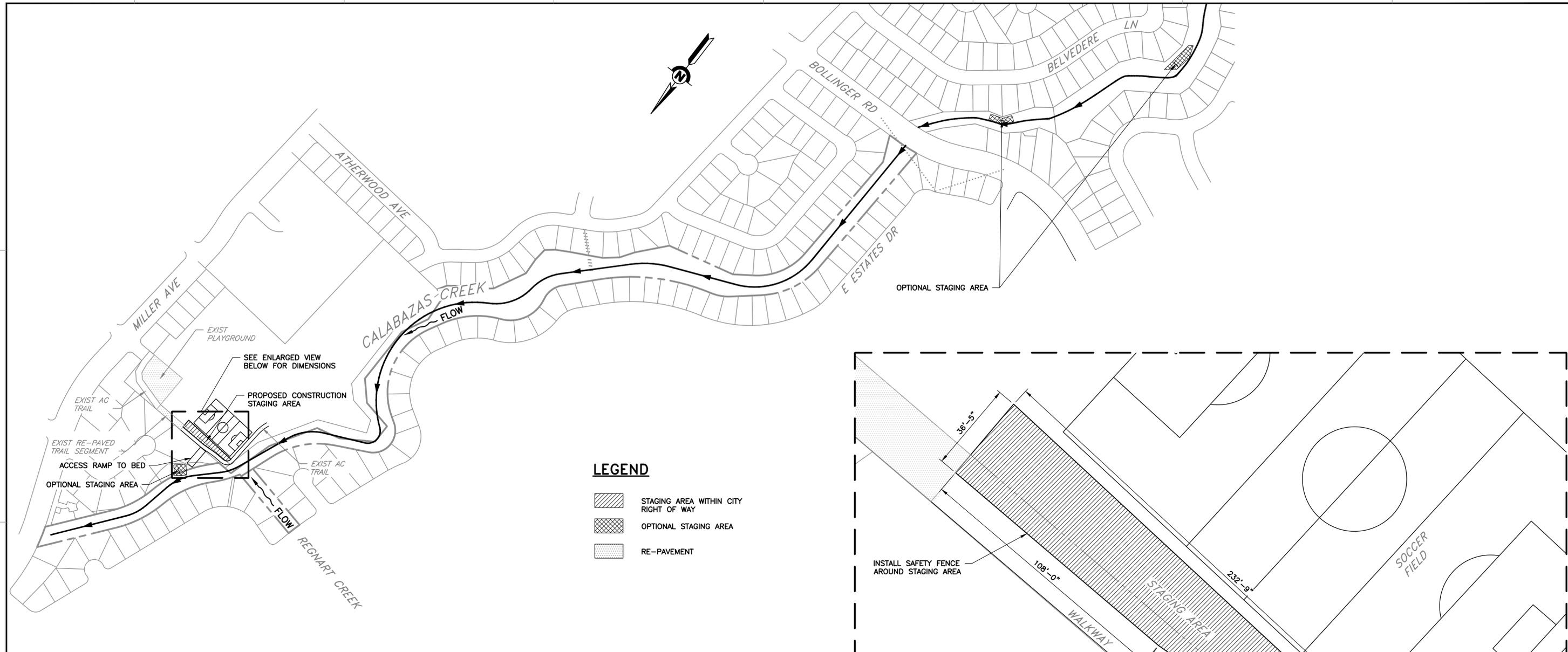
- DIRECTION OF TRAFFIC: TO PROJECT SITE
- TEMPORARY SIGN
- WORK ZONE WITHIN CITY RIGHT OF WAY
- FLAGGERS
- DIRECTION OF TRAFFIC: OUT
- STAGING AREA

TEMPORARY TRAFFIC CONTROL ZONE SIGN		
SIGN	SIGN DESIGNATION	DESCRIPTION
	W3-4	BE PREPARED TO STOP
	R9-9	SIDEWALK CLOSED
	R9-11	SIDEWALK CLOSED AHEAD - CROSS HERE
	W13-1	SPEED LIMIT (15 MPH)
	R20-1	ROAD WORK AHEAD
	C9A	FLAGGER
	W8-6	TRUCK CROSSING
	-	CONSTRUCTION AHEAD

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REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES																								
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DESIGN E. MEYER																												
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ENGINEER		DATE																										
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: TC-01																											
	SHEET NUMBER: 23																											

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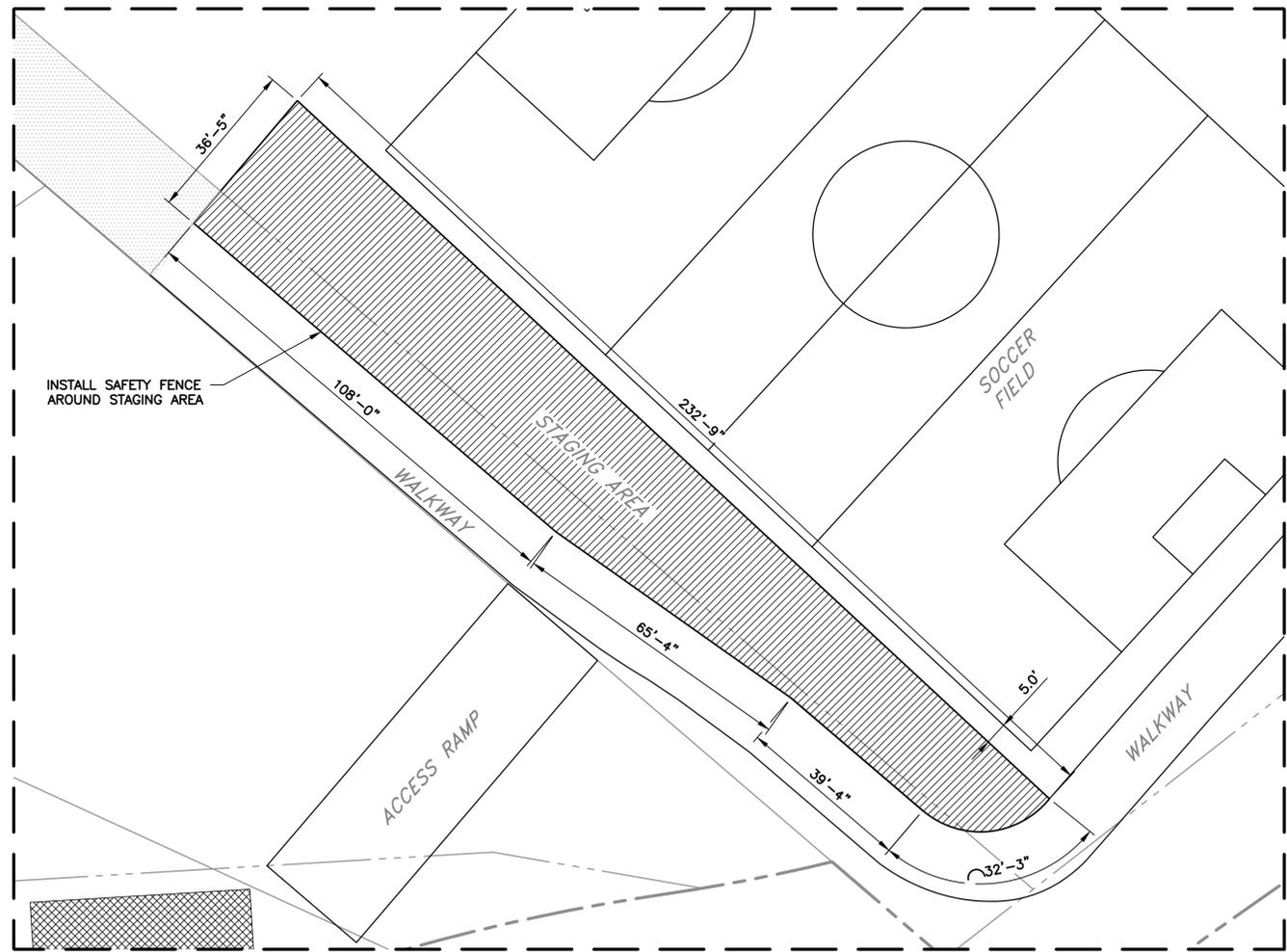
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LEGEND

-  STAGING AREA WITHIN CITY RIGHT OF WAY
-  OPTIONAL STAGING AREA
-  RE-PAVEMENT

PLAN
 SCALE: 1" = 200'



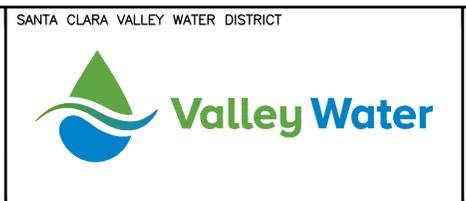
STAGING AREA (ENLARGED VIEW)
 SCALE: 1" = 20'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES

- PROPOSED CONSTRUCTION STAGING AREA WITHIN THE CITY OF CUPERTINO RIGHT OF WAY SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE ENCROACHMENT PERMIT
- OPTIONAL CONSTRUCTION STAGING AREA SHALL BE WITHIN THE SCVWD RIGHT OF WAY.

DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER: P. PARK

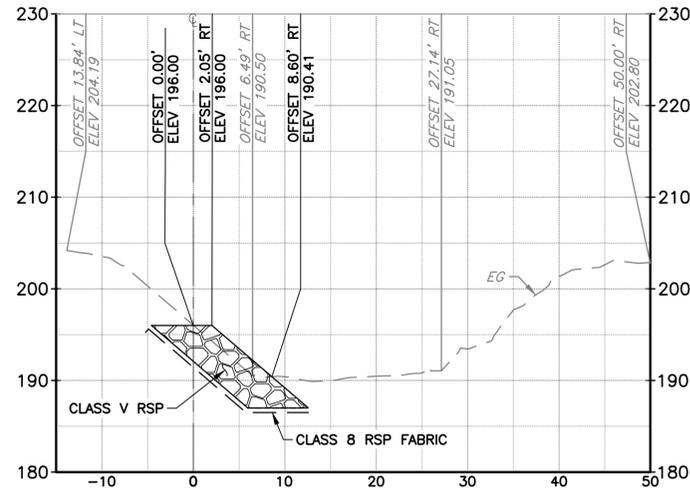


PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 STAGING PLAN

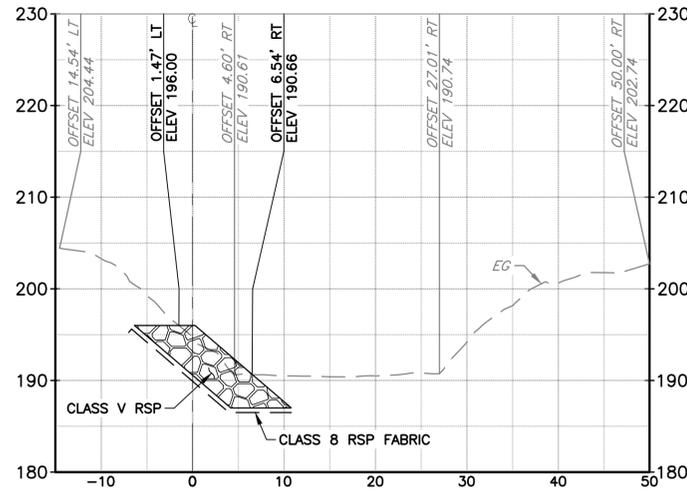
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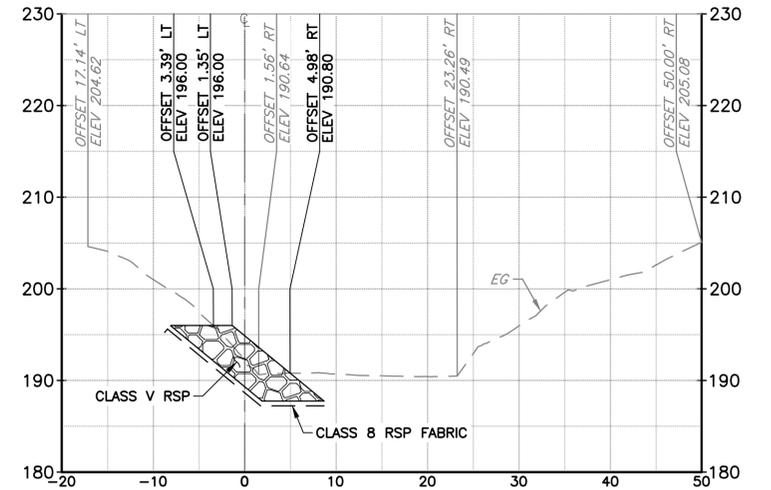
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SECTION C-01 CONSTRUCTION CONTROL LINE
 STA 10+60
 SCALE: 1" = 10'



SECTION C-01 CONSTRUCTION CONTROL LINE
 STA 10+80
 SCALE: 1" = 10'

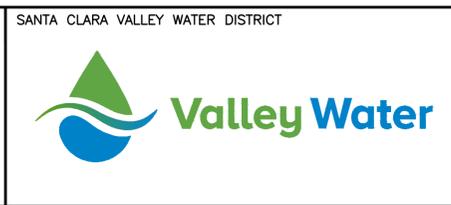


SECTION C-01 CONSTRUCTION CONTROL LINE
 STA 11+00
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES
 1. SECTIONS ARE VIEWED LOOKING UPSTREAM

DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER



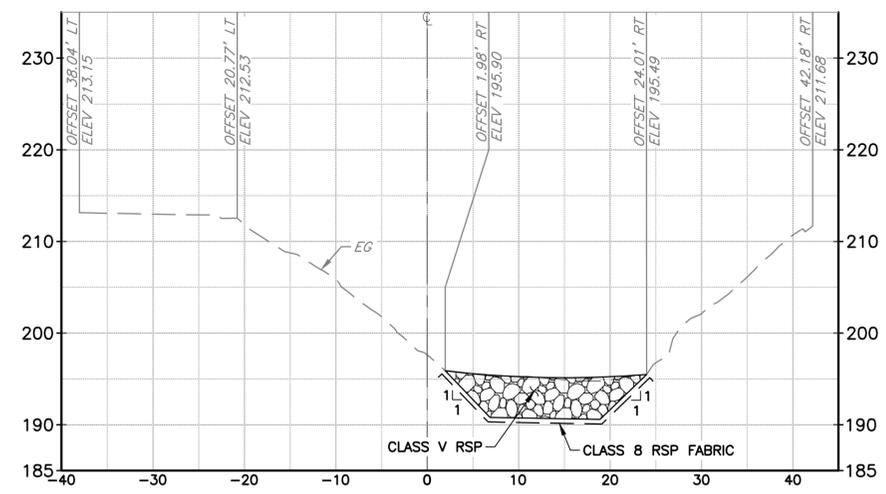
PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 CROSS SECTIONS SITE 1

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

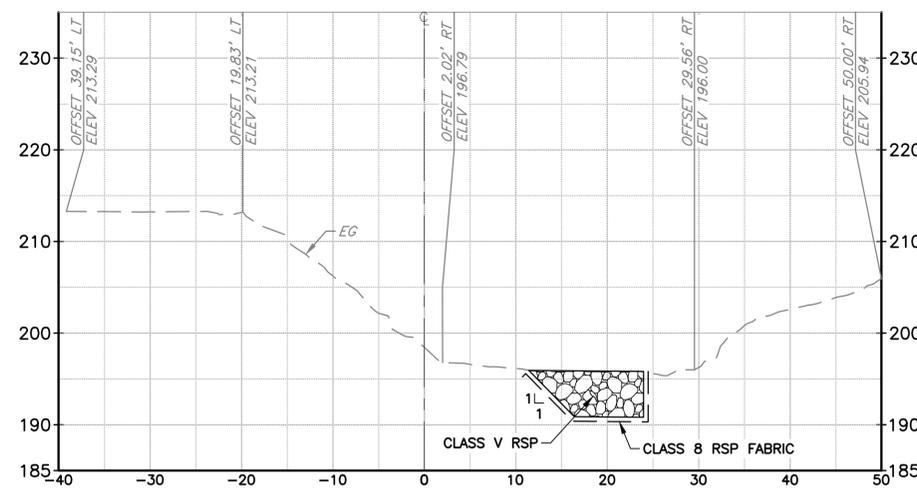
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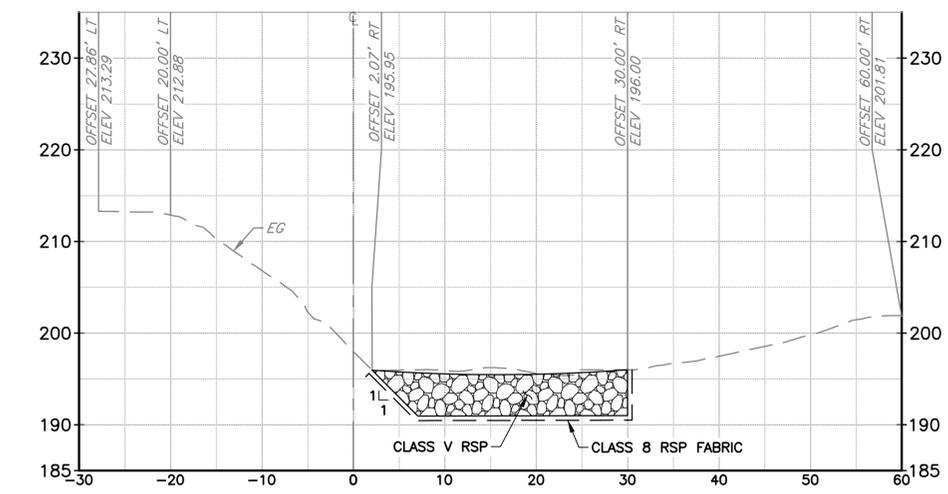
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SECTION **C-03** CONSTRUCTION CONTROL LINE
STA 18+16
 SCALE: 1" = 10'



SECTION **C-05** CONSTRUCTION CONTROL LINE
STA 18+30
 SCALE: 1" = 10'

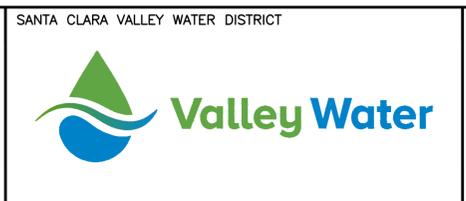


SECTION **C-05** CONSTRUCTION CONTROL LINE
STA 18+44
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES
 1. SECTIONS ARE VIEWED LOOKING UPSTREAM

DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER



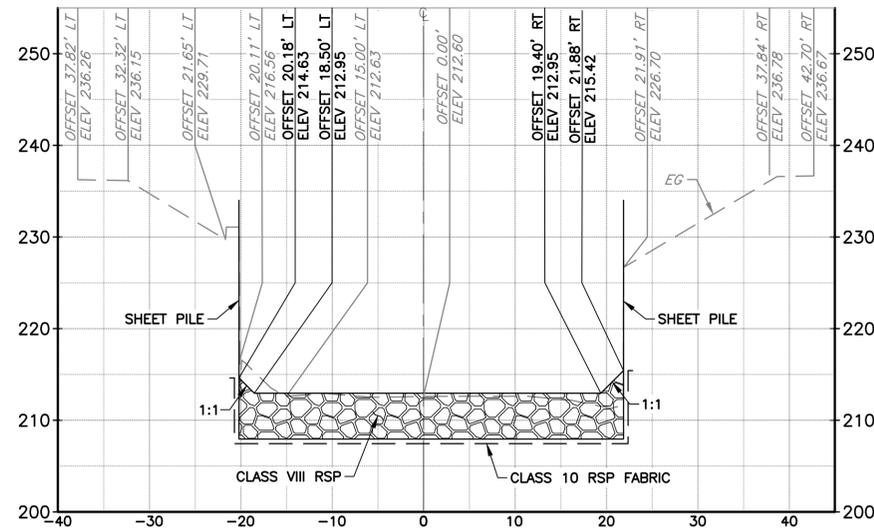
PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 CROSS SECTIONS SITE 2

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

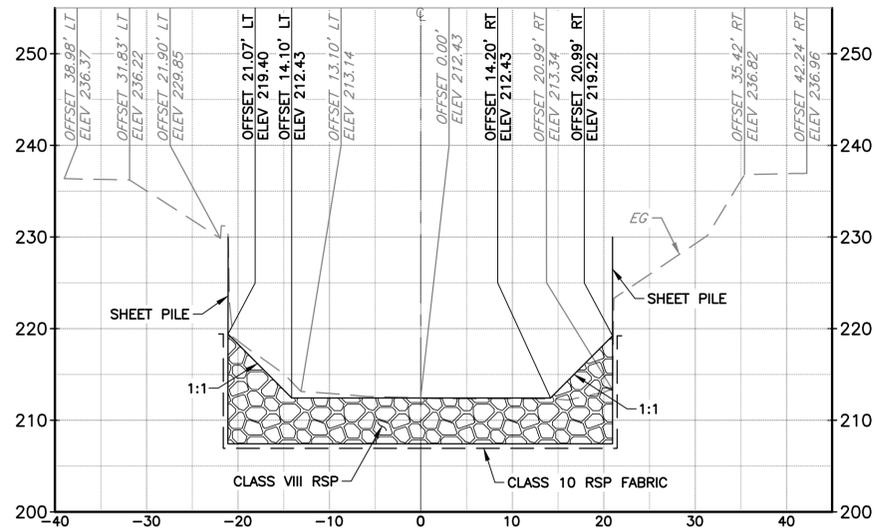
PROJECT NUMBER: **62084001**
 SHEET CODE: **X-02**
 SHEET NUMBER: **26**

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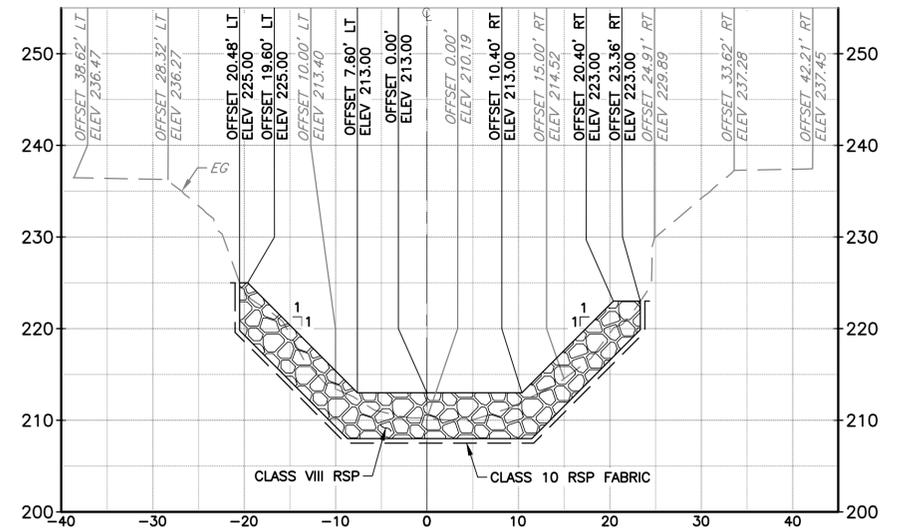
DOCUMENT NUMBER: CAA_IW-X-2010-85642



SECTION \ominus CONSTRUCTION CONTROL LINE
 C-06 STA 52+50
 SCALE: 1" = 10'



SECTION \ominus CONSTRUCTION CONTROL LINE
 C-06 STA 52+67
 SCALE: 1" = 10'

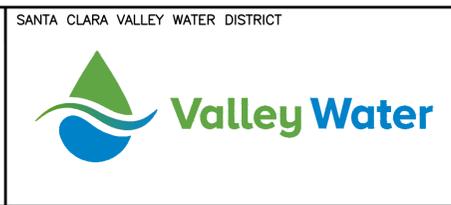


SECTION \ominus CONSTRUCTION CONTROL LINE
 C-06 STA 52+85
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR

REFERENCE INFORMATION AND NOTES
 1. SECTIONS ARE VIEWED LOOKING UPSTREAM

DATE
5/05/2025
 DESIGN
E. MEYER
 DRAWN
O. REYNOSO
 CHECKED
P. PARK
 ENGINEER DATE

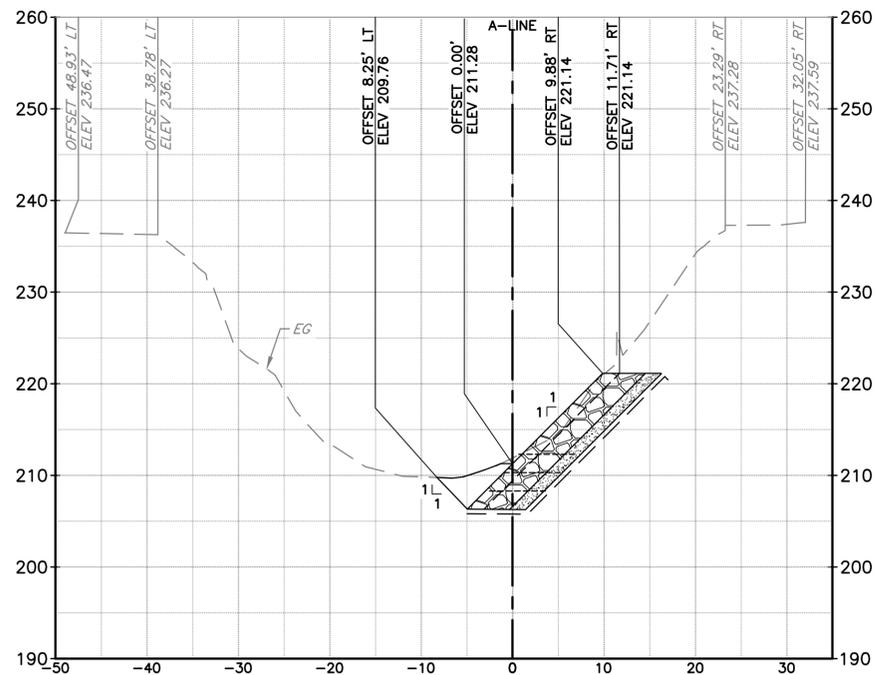


PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 CROSS SECTIONS SITES 9 AND 10

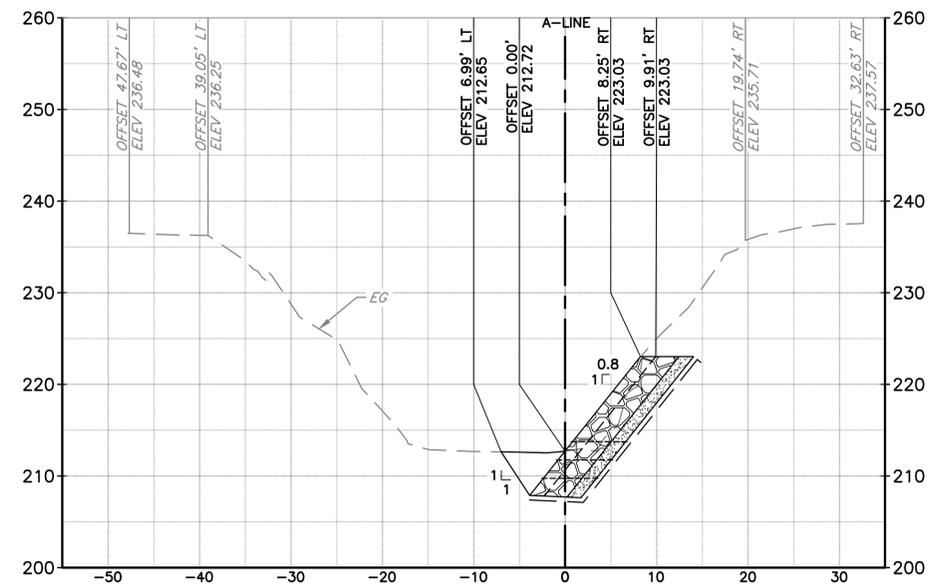
SCALE
AS SHOWN
 VERIFY SCALES
 0 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
 PROJECT NUMBER
62084001
 SHEET CODE:
X-03
 SHEET NUMBER:
27

USERNAME: OscarReyn 5/6/2025 11:04 AM
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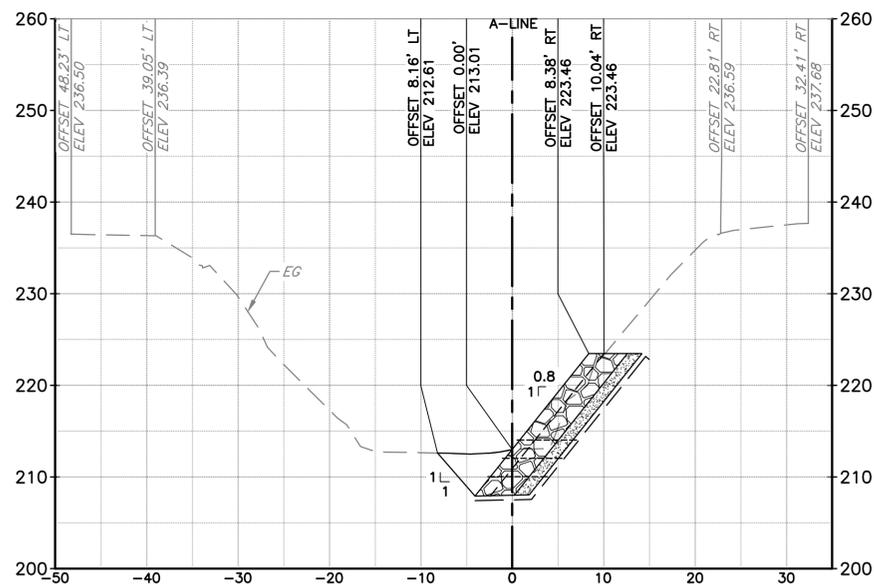
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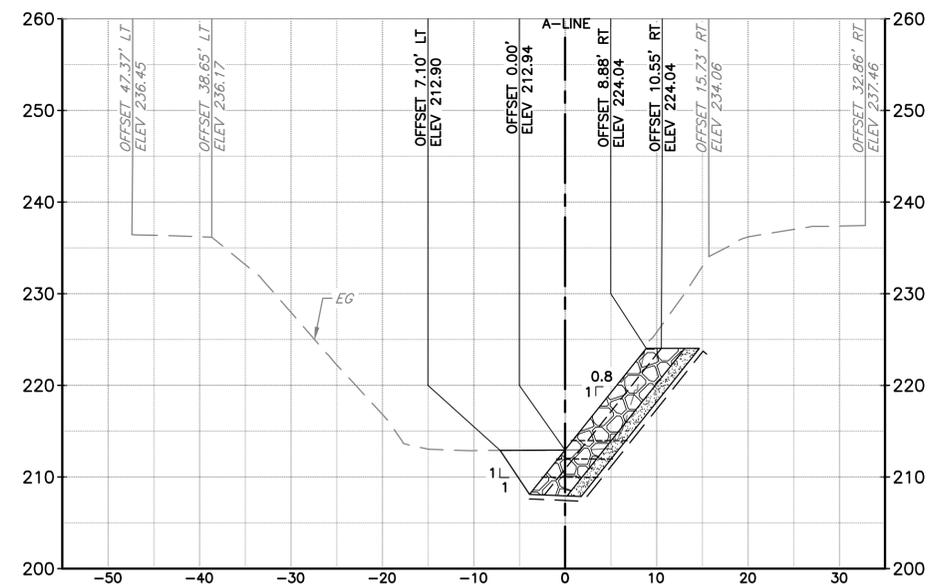
SECTION $\frac{-}{C-07}$ A - LINE STA 0+00
 SCALE: 1" = 10'



SECTION $\frac{-}{C-07}$ A - LINE STA 0+20
 SCALE: 1" = 10'



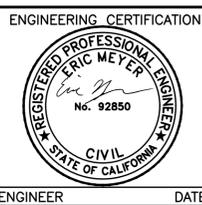
SECTION $\frac{-}{C-07}$ A - LINE STA 0+10
 SCALE: 1" = 10'



SECTION $\frac{-}{C-07}$ A - LINE STA 0+30
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER



ENGINEERING CERTIFICATION: SANTA CLARA VALLEY WATER DISTRICT



PROJECT NAME AND SHEET DESCRIPTION:

**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**

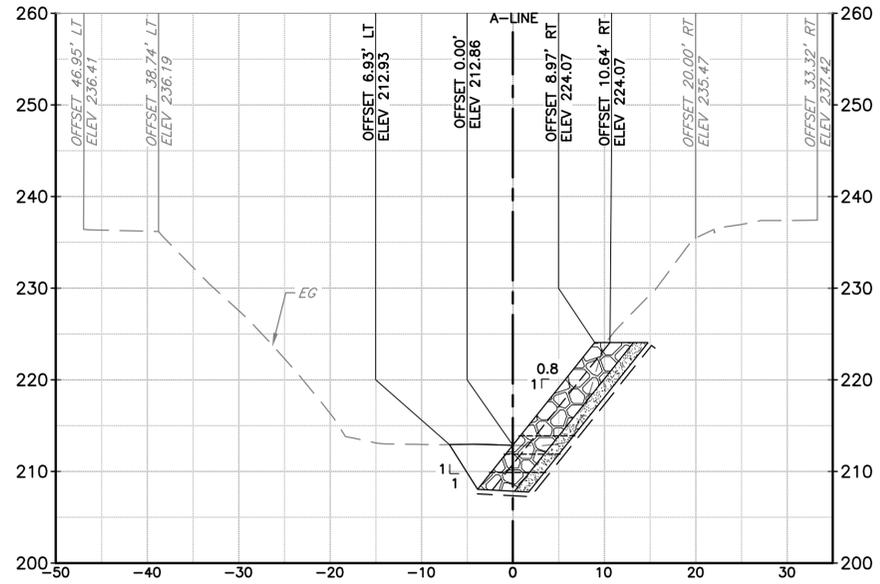
CROSS SECTIONS A-LINE

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

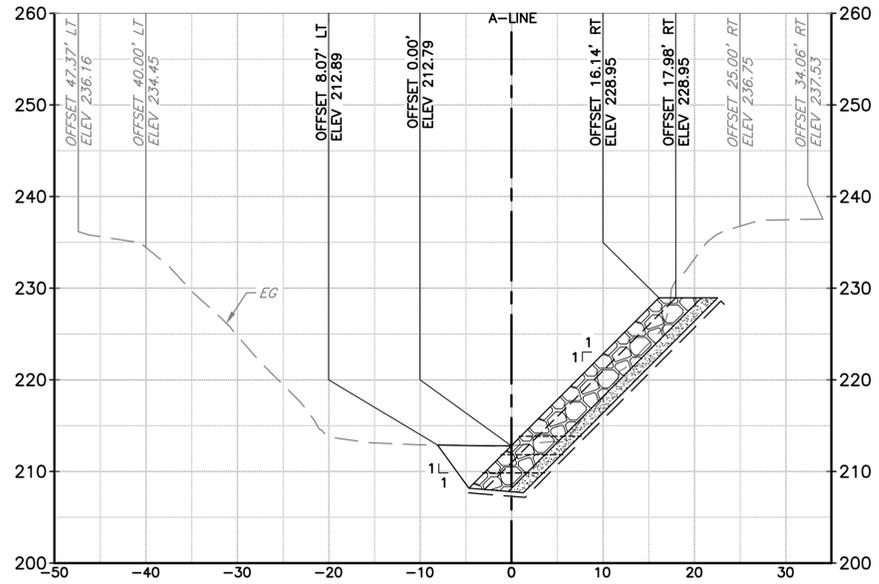
PROJECT NUMBER: 62084001
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 SHEET NUMBER: 28

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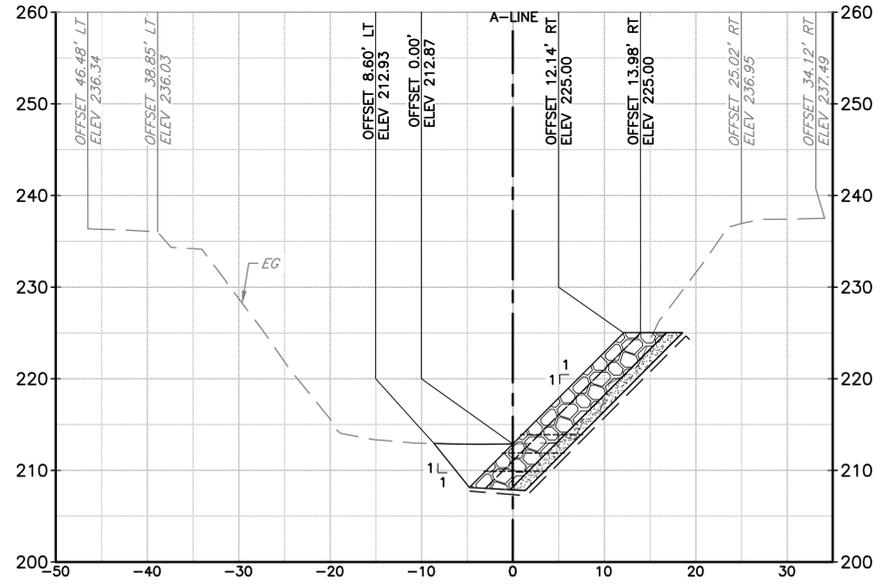
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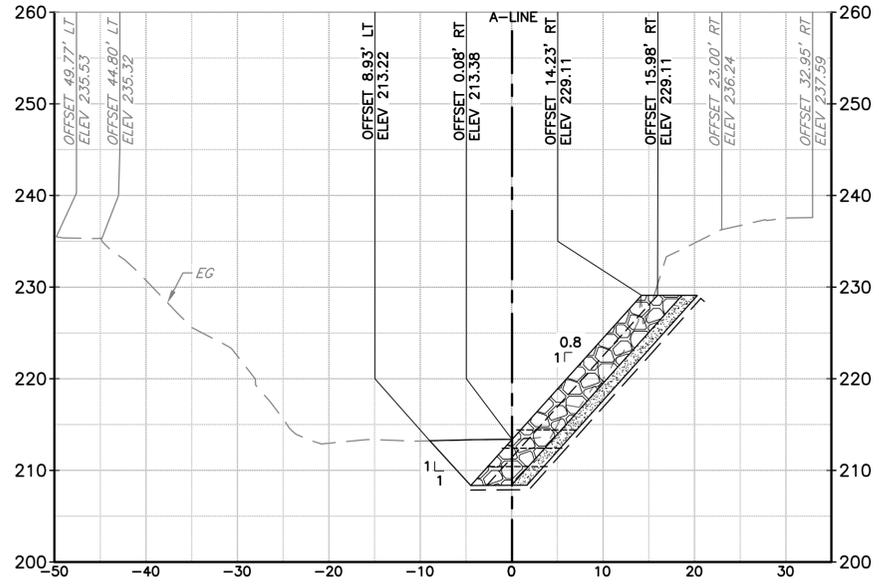
SECTION **C-07** A - LINE STA 0+40
 SCALE: 1" = 10'



SECTION **C-07** A - LINE STA 0+60
 SCALE: 1" = 10'



SECTION **C-07** A - LINE STA 0+50
 SCALE: 1" = 10'

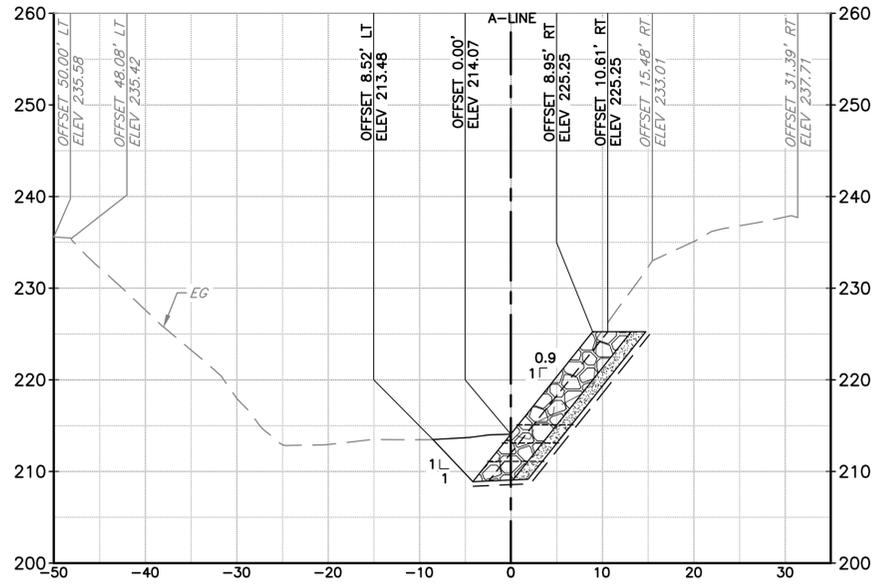


SECTION **C-07** A - LINE STA 0+70
 SCALE: 1" = 10'

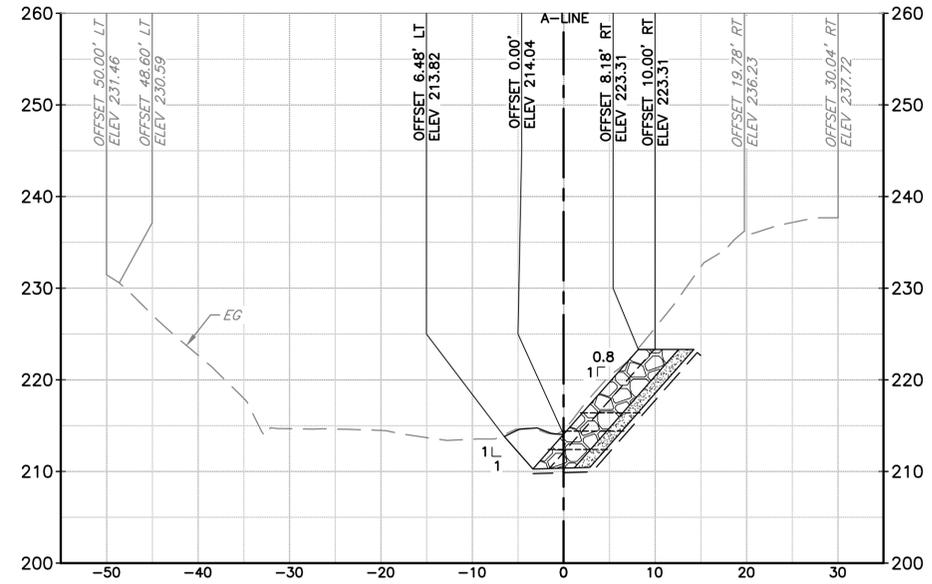
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE AS SHOWN	PROJECT NUMBER
					5/05/2025			CALABAZAS CREEK EROSION REPAIRS PROJECT	0 1" 0	62084001
								CROSS SECTIONS A-LINE	VERIFICATION SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET CODE: X-05
										SHEET NUMBER: 29

USERNAME: OscarReyn 5/6/2025 11:05 AM
 FILENAME: K:\Active Projects\MP-62084001\Calabazas Creek Erosion Repairs\SHEETS\X-06.dwg

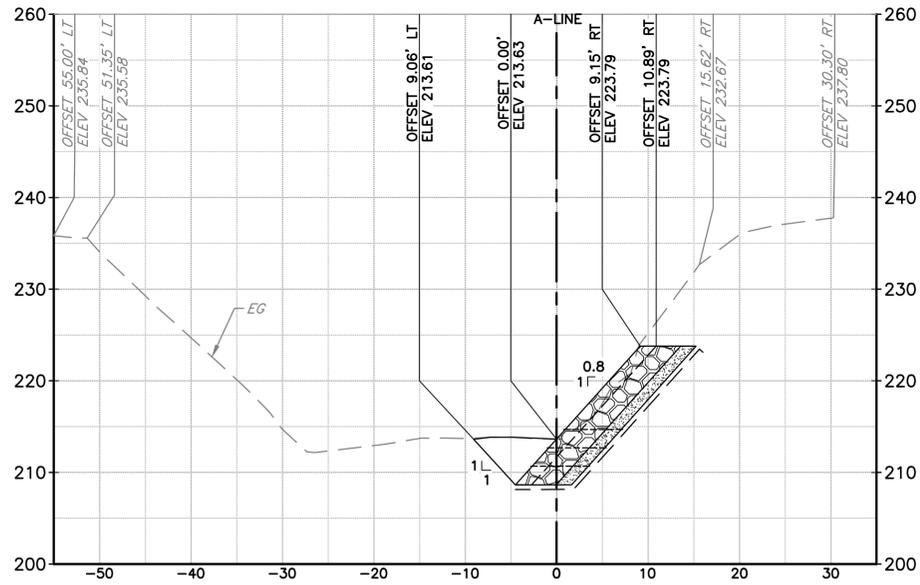
DOCUMENT NUMBER: CAA_IW-X-2010-85645



SECTION **C-07** A - LINE STA 0+80
 SCALE: 1" = 10'



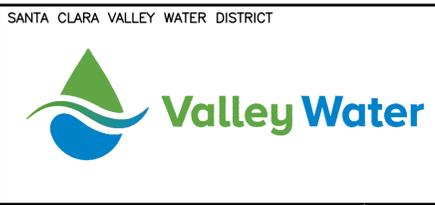
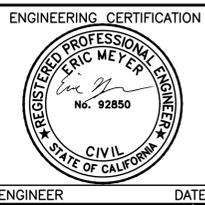
SECTION **C-06** A - LINE STA 0+97
 SCALE: 1" = 10'



SECTION **C-06** A - LINE STA 0+90
 SCALE: 1" = 10'

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES

DATE: 5/05/2025
 DESIGN: E. MEYER
 DRAWN: O. REYNOSO
 CHECKED: P. PARK
 ENGINEER: DATE:



PROJECT NAME AND SHEET DESCRIPTION:
**CALABAZAS CREEK
 EROSION REPAIRS PROJECT**
 CROSS SECTIONS A-LINE

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: **X-06**
 SHEET NUMBER: **30**