## **Request for Proposal**

MILL CREEK DIVERSION AND DEBRIS MANAGEMENT IMPROVEMENT PROJECT

**Construction Survey Services** 



# San Bernardino Valley Water Conservation District

Helping Nature Store Our Water

Filing Deadline: May 25, 2023 – 4:00 p.m.

San Bernardino Valley Water Conservation District Attn Katelyn Scholte (909) 793-2503

Mailing Address/Street Address: 1630 W. Redlands Blvd., Ste. A Redlands, CA 92373

## **INTRODUCTION**

## **Background and Project Description**

The San Bernardino Valley Water Conservation District (Conservation District) is soliciting sealed proposals for construction phase services for the Mill Creek Diversion and Debris Management Improvement Project (Project). The Project proposes to replace and upgrade a portion of the Conservation District's existing Mill Creek water diversion facilities. The project site encompasses an approximately 300-foot reach of Mill Creek in the unincorporated area of San Bernardino County, California. Conservation District staff will serve as the construction manager. The selected consultant will be responsible for providing construction field surveys. A detailed description of the work is included in the Scope of Services.

The construction project consists of re-constructing diversion and channel features along a segment of Mill Creek. The purpose of the Project is to reconstruct the facility to minimize the accumulation of debris and possible clogging of the diversion structure. The Project will include the removal and reconstruction of the existing concrete diversion structure and approach channel. The reconstruction will include increasing the size of the gate structures, adding grouted and non-grouted rip-rap slope protection and adding a drivable concrete rip-rap access road. Access to the site is extremely limited. Access will be through an existing dirt access road and through a pedestrian door within the levee flood wall. The work area within the channel is limited to the footprint of the improvements as shown on the project plans.

A copy of the Conservation District's standard services agreement is attached to this RFP. Any requested changes or modifications should be specifically highlighted as exceptions in the RFP phase. The Consultant will work under the direction of the Conservation District General Manager or other Conservation District Staff as appointed by the General Manager. Funding for the Consultant's services will be provided by the Conservation District utilizing local funding sources and potentially future grant opportunities / awards.

## **PROJECT SCHEDULE**

The project construction phase working days is currently 80 days as listed in the Special Provisions. A total of 100 inspection days should be included in the fee proposal. The project is estimated to be advertised for construction in May with construction completed in October 2023.

## **SCOPE OF WORK**

Project Plans are attached for reference. The Scope of Work includes the following tasks:

- 1. Preconstruction staking to delineate all proposed facilities using spray paint to delineate the following:
  - Outline of Wall A and B (beyond the existing diversion structure walls)
  - Outline of the Diverter Walls
  - Outline of limits of levee rock that is to be removed
  - Outline of new channel invert
  - Outline of limits of work (beyond the levee removal limits)
  - Outline of grouted rock
- 2. Establish temporary benchmarks and horizontal control. Note all staking information will be taken from the AUTOCADD files and / or the Horizontal Control Plan (see sheet 10)
- 3. Stake the project limits of work within Mill Creek and within the staging area.

- 4. Provide 2 sets of construction stakes for the major items to be constructed. Offset is to be determined but will need a minimum of 5 feet and maximum of 15 feet beyond the top / toe of slopes. The major items of work are estimated to be:
  - Rough and fine grading top of subgrade
  - Limits of removal of grouted rock levee
  - Diversion structure walls A and B footings (See Sheet 7)
  - Diverter walls footings (See Sheet 5)
  - Toe of ungrouted rock (See notes 35 and 37)
  - Limits of drivable grouted rip rap (See note 32)
  - Limits of grouted rock immediately downstream of diversion outlet including toe down (see note 26)
  - Concrete by-pass Berm (See note 25)
  - PCC slab (See note 25)
- 5. Perform pre and post field survey with ground shots at a sufficient interval to calculate earthwork quantities.
- 6. The fee proposal should also include any other services that are deemed necessary to provide sufficient survey information to the contractor.

Note, vehicular traffic within the construction zone is limited to the access roads and the limits of work shown on the plans.

## SUBMITTAL REQUIREMENTS

The Proposal is expected to be concise, direct and without excessive support material, such as general company information or extensive curriculum vitae. The following minimum information should be provided in each Proposal and will be utilized in evaluating each Proposal submitted.

- A. A company brochure or statement of work history that includes similar projects,
- B. A list of any subconsultants that may be used on the Project.
- C. A detailed Fee Schedule. The Fee Schedule should be generally organized to follow the tasks as they are broken down in the Scope of Services section above. Services outlined in each proposal shall comply with all requirements set forth in this RFP. The costs shall include a supported breakdown of services, hourly rates, and hours to complete each task, including any sub-consultants hourly rates and hours, and any other costs for a complete project. The level of effort and associated costs must be clearly stated, and easily understood.
- D. Company Standard Fee Schedule
- E. One (1) electronic copy of the proposal or three (3) hard copies of the proposal shall be submitted to the District office, 1630 W. Redlands Bvd., Ste A Redlands, CA 92373, by May 25, 2023, at 4pm. Electronic proposals can be emailed to engineering@sbvwcd.org. The Conservation District is not responsible for receipt of electronic proposals. Proposers are encouraged to call Katelyn Scholte to confirm receipt.

## **GENERAL CONDITIONS**

### Limitations

This RFP does not commit the Conservation District to award a contract, to pay any costs incurred in the

preparation of the Proposal in response to this request, or to procure or contract for services or supplies. The Conservation District expressly reserves the right to reject any and all Proposals or to waive any irregularity or information in any Proposal or in the RFP procedure, and shall be the sole judge of the responsiveness of the Proposal to this RFP, the capability and responsibility of any firm proposing, and of the suitability of the materials and/or services to be rendered. The Conservation District reserves the right to withdraw this RFP at any time without prior notice. Further, the Conservation District reserves the right to modify the RFP schedule described above. The Conservation District shall retain its authority to provide oversight and direction to the Project, monitor the progress and recommend acceptance of final submissions.

## Consultant's Responsibilities

If selected, execute the Conservation District's Professional Services Agreement. Maintain insurance per the attached Conservation District Standard Services Agreement. Selected firms and/or individuals shall provide a certificate of coverage prior to the Conservation District issuing a notice to proceed. Conform to the Conservation District's Procurement Policy. Meet with Conservation District Staff and selected individuals to discuss the approach and method to proceed. Meet as needed with the General Manager, Administrative Staff, Engineers, and selected individuals to review the progress of the work, to discuss any changes in direction or needed details, and in general to ensure that work is proceeding as required. The Conservation District shall make available to the selected Consultant all relevant plans, studies, reports or documents, as appropriate, for background information and research purposes.

The Consultant shall keep itself informed of all local, State and Federal laws and regulations, including but not limited to those pertaining to conflicts of interest, which in any manner affect those employed by it or in any way affect the performance of its duties under the scope of work. The Consultant shall at all times observe and comply with all such laws and regulations.

## Verbal Agreement

No prior, current, or post-award verbal conversations or agreement(s) with any officer, agent, or employee of the Conservation District shall affect or modify any terms or obligations of the RFP, or any contract resulting from this RFP.

## Costs for Statement of Proposal Preparation and Pre-contractual Expenses

Pre-contractual expenses are defined as expenses incurred by applicants and the selected Consultant in:

- 1) Preparing Proposal in response to this RFP
- 2) Submitting Proposal to Conservation District
- 3) Preparing and submitting responses to future RFPs.
- 4) Negotiations with Conservation District on any matter related to Proposal
- 5) Review or inspection of the Project site or site conditions
- 6) Other expenses incurred by a Consultant or proposer prior to the date of award of any agreement.

In any event, the Conservation District shall not be liable for any pre-contractual expenses incurred by any applicant or selected Consultant. Applicants shall not include any such expenses as part of the price proposed in response to this RFP or any future RFPs. The Conservation District shall be held harmless and free from any and all liability, claims, or expenses whatsoever incurred by, or on behalf of, any person or organization responding to this RFP.

## Signature

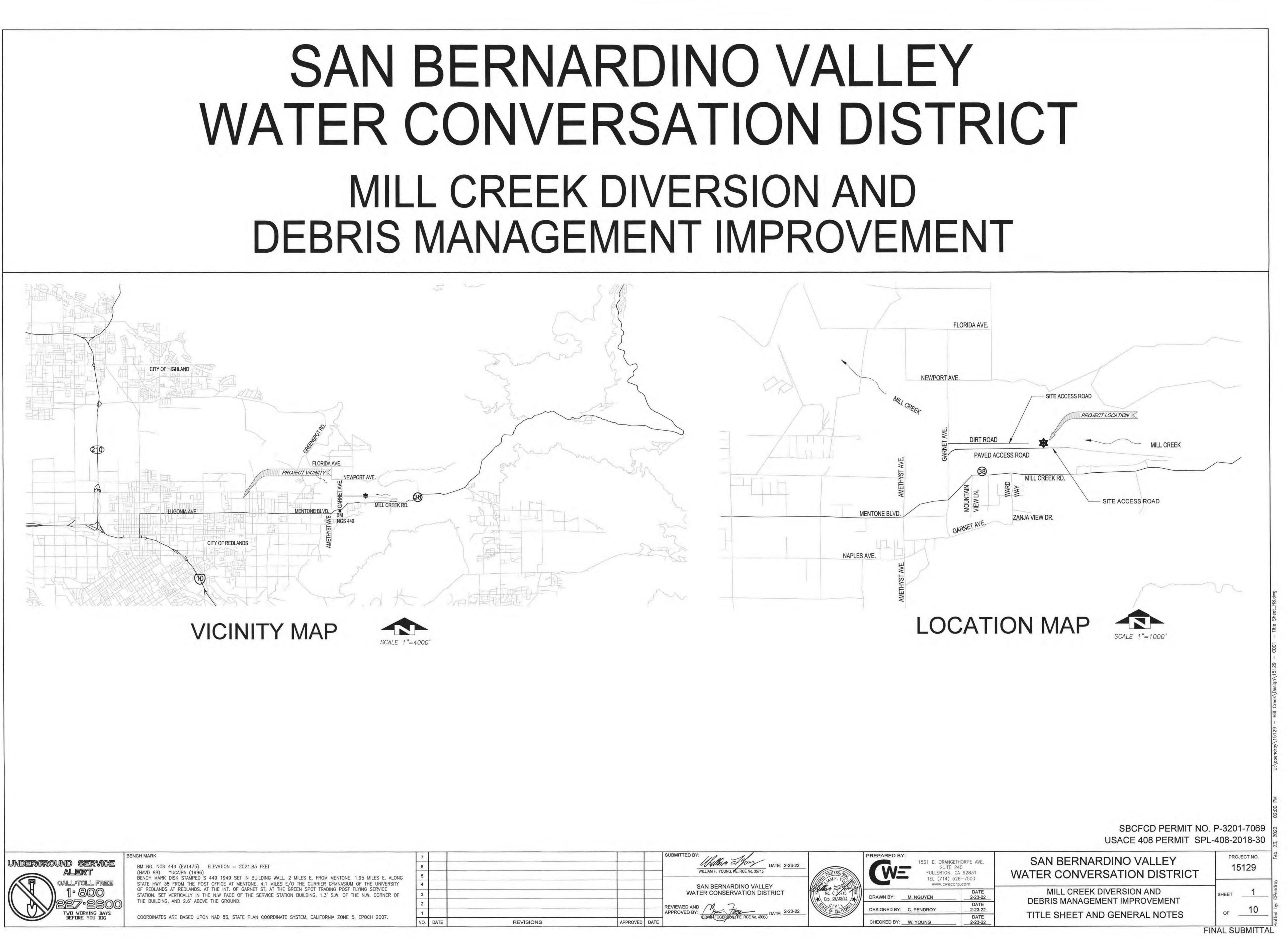
The Proposal will also provide the following information: name, title, address, telephone number and email of the individual(s) with authority to represent the company and designated contact(s) during the period of proposal evaluation and be the contact person for future RFPs.

## Term

The term of the list is expected to be up to two (2) years and will be updated and modified over the term.

## **ATTACHMENTS**

- 1. Mill Creek Diversion and Debris Management Improvement Project plans
- 2. Conservation District Standard Services Agreement



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E CONTRACTOR SHALL EXCAVATE INSPECTION HOLES "POT HOLES" AND THE LOCATION AND DEPTH OF ALL UNDERGROUND STRUCTURES AND UTILITIES	1			4			
			4.3.1 - RE	QUIREMENTS	S FOR CONCRETE	BY EXPOS	JRE CLAS
IN THE VICINITY OF AND/OR MAY BE AFFECTED BY THE PROPOSED T WORK PRIOR TO ANY CONSTRUCTION WORK WHICH COULD DAMAGE OR TH SAID STRUCTURES AND/OR UTILITIES.	EXPOSURE CLASS	MAX W/C	MIN fc	AD	DITIONAL MINIMU	M REQUIREN	
T SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS			1.000		AIR CONTENT		LIMITS CEMENTIT MATERI/
TO THE PLANS ARE TO BE SUBMITTED TO THE DISTRICT FOR REVIEW AND	F0 F1	N/A 0.45	2500 4500	PER TABL		318-08	N/A N/A
	F2	0.45	4500			C 314 1613	N/A
DOO POUNDS INCLUDING DYNAMIC FORCES FROM VIBRATOR COMPACTOR.	+3	0.45	4500			**************************************	ACI 318 CALCIU
WILL BE PERMITTED ALONG THE CHANNEL WITHIN A DISTANCE OF ONE-HALF					ASTM C595	ASTM C1157	CHLOR ADMIXTU
VERT OF THE CHANNEL. ONLY RUBBER TIRED, LEGALLY LOADED EQUIPMENT	SO	N/A	2500	NO TYPE RESTRICTION	1000 - 20 Caro 20 0 - 20	NO TYPE RESTRICTION	
IS USED, WOODEN MATTING SHALL BE PROVIDED OVER THE INVERT IN THE AREA. LOADS FROM TRACK VEHICLES SHALL NOT EXCEED 300 PSF ON A	S1	0.50	4000	11 <sub>2,3</sub>	IS(<70) (MS)	MS	NO RESTRIC
SHALL BE MADE TO PREVENT DEBRIS FROM FALLING INTO THE CHANNEL	S2	0.45	4500	V <sub>3</sub>	IS(<70) (HS)	HS	NOT PERMIT
	S3	0.45	4500	V PLUS POZZOLAN OR	IP(HS) PLUS POZZOLAN OR SLAG <sub>4</sub> OR IS(<70) (HS)	HS PLUS POZZOLAN OR	NOT PERMIT
				SLAG4	PLUS POZZOLAN OR SLAG4	SLAG <sub>4</sub>	
	PO	N/A	2500	57	NO	NE	
	P1	0.50					
ENGINEER'S NOTICE TO CONTRACTOR(S)				CHLORIDE ION	N (CL-) CONTENT	RELATED	PROVISION
THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS.				REINFORCED	REINFORCED CONCRETE	neb neb	The field of the
DES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR SS OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UTILITY	C0	N/A	2500	1.00	0.06	â	NONE
DUE PRECAUTIONARY MEANS TO PROTECT THE UTILITIES OF RECORD OR NOT	C2	0.40		0.15	0.06	ACI 318, 1	.7.6 & 16.
	TABLE	4.3.1	SHALL BE	PERMITTED			
SIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE	2. FOR S	EAWATE	R OR BRAC	KISH WATER			
	ARE P	ERMITTE	ED IF THE W	C DOES N	NOT EXCEED 0,40	0.	
	PERMI	ITED IN	<b>EXPOSURE</b>	CLASSES	S1 OR S2 IF		
	USED	SHALL	NOT BE LES	SS THAN TH	HE AMOUNT THA	T HAS BEEN	DETERM
	CONCE THE S	RETE CO	ONTAINING T	YPE V CEN	VENT. ALTERNA ZOLAN OR SLAG	ATIVELY, THE TO BE USE	AMOUNT
	MEETIN	NG THE	CRITERIA IN	4.5.1.			
	INGRE ADMIX	DIENTS	INCLUDING SHALL BE	WATER, AGO DETERMINED	GREGATES, CEME O ON THE CON	ENTITIOUS MA	ATERIALS,
	6. REQUI	REMENT				18.16 FOF	UNBOU
	TENDC	///3.					
	PURVIEW. TO THE PLANS ARE TO BE SUBMITTED TO THE DISTRICT FOR REVIEW AND AN "AS-BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF A EQUIPMENT USED TO PLACE BACKFILL BEHIND CHANNEL WALL MUST NOT 0000 POUNDS INCLUDING DYNAMIC FORCES FROM VIBRATOR COMPACTOR. ENT IN EXCESS OF H-10 HIGHWAY LOADING (AASHTO), AND NO STOCKPILING L WILL BE PERMITTED ALONG THE CHANNEL WITHIN A DISTANCE OF ONE-HALF T. ENT IN EXCESS OF H-20 HIGHWAY LOADING WILL BE PERMITTED TO OPERATE NERT OF THE CHANNEL, ONLY RUBBER TIRED, LEGALLY LOADED EQUIPMENT OPERATED ON THE EXPOSED CHANNEL INVERT. IF STEEL CRAWLER TYPE IS USED, WOODEN MATTING SHALL BE PROVIDED OVER THE INVERT IN THE AREA, LOADS FROM TRACK VEHICLES SHALL NOT EXCEED 300 PSF ON A I THE BOTTOM OF THE INVERT SLAB. SHALL BE MADE TO PREVENT DEBRIS FROM FALLING INTO THE CHANNEL NERUCTION. TUAL DRAWINGS AND CALCULATIONS SHOULD BE STAMPED BY A PROFESSIONAL MEDITION OF ANY UNDERGROUND UTILITIES AND/OR STRUCTURES THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS.	PURNEW.       FO         TO THE PLANS ARE TO BE SUBMITTED TO THE DISTRICT FOR REVIEW AND       AN "AS-BULLT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF         An "AS-BULLT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF       F2         A COUPMENT USED TO PLACE BACKPILL BEHIND CHANNEL WALL MUST NOT       F3         COO POUNDS INCLUDING DYNAMIC FORCES FROM VIBRATOR COMPACTOR.       F3         ENT IN EXCESS OF H-10 HIGHWAY LOADING (MASHTO), AND NO STOCKPILING       S0         VERT OF THE CHANNEL, ONLY RUBBER TIRED, LEGALLY LOADED EQUIPMENT       S0         DYERATED DA THE CHANNEL, WITHIN A DISTANCE OF ONE-HALF       S0         NERT IN EXCESS OF H-20 HIGHWAY LOADING WILL BE PERMITTED TO OPERATE       S0         DYERATED DA THE CHANNEL WITHIN A DISTANCE OF ONE-HALF       S1         REAL LOADS FROM TRACK VEHICLES SHALL NOT EXCEED 300 PSF ON A       S2         STALL BE MADE TO PREVENT DEBRIS FROM FALLING INTO THE CHANNEL       S2         STALL DRAWINGS AND CALCULATIONS SHOULD BE STAMPED BY A PROFESSIONAL       S3         PO       P1       P1         RUGURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR (S)       C0         RUGURE WITHIN THE ELIMITS OF THE VEXTERS TO ROTOR       C2         RUGURE WITHIN THE LIMITS OF THE PROJECT. THE CONTRACTOR IS REQUIRED REMITS PROR       C2         RUGURE WITHIN THE LIMITS OF THIS PROLECT. THE CONTRACTOR IS REQUIRED REMITS PROR	PURVEW.       F0       N/A         TO THE PLANS ARE TO BE SUBMITTED TO THE DISTRICT FOR REVIEW AND AN "Xa-BULL" GRADING PLANE SHALL BE SUBMITTED AT THE COMPLETION OF A "GOUPAUNDS INCLUDING DYNAMIC FORCES FROM VIBRIATOR COMPACTOR.       F1       0.45         A "Xa-BULL" GRADING DYNAMIC FORCES FROM VIBRIATOR COMPACTOR.       F2       0.45         ENT IN EXCESS OF H-10 HIGHWAY LOADING (ASHTO), AND NO STOCKPLING LIVIL BE PERMITTED ALONG THE CHANNEL WITHIN A DISTANCE OF ONE-THAFF T.       S0       N/A         ENT IN EXCESS OF H-20 HIGHWAY LOADING WILL BE PERMITTED TO OPERATE OFFERATE ON THE CHANNEL WITHIN A DISTANCE OF ONE-THAFF T.       S0       N/A         SHIL BE MORD TO PREVENT LOBRIS TIRED, LIEGALLY LOADED EQUIPMENT IS USED, WOODEN MATING SHALL BE PROVIDED OVER THE NYTER IS USED, WOODEN MATING SHOULD BE STAMPED BY A PROFESSIONAL       S2       0.45         SHALL BE MORD TO PREVENT DEBRIS FROM FALLING INTO THE CHANNEL STRUCTION, THE BOTTON OF THE WINERT SUG.       S3       0.45         COM AND CALCULATIONS SHOULD BE STAMPED BY A PROFESSIONAL       S3       0.45         COM AND LOCATION OF ANY UNDERGROUND UTULITIES AND/OR STRUCTURES THESE PLANS WERE O OPERATIONS.       CO       N/A         RUNUL DRAWINGS AND CALCULATIONS SHOULD BE STAMPED BY A PROFESSIONAL       C1       N/A         DUCTOR WITH AND BERNARDINO VALLEY WATER CONVERSATION STRUE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USED FROM COTING STRUCTURES THESE PLANS AND THE SAN BERNARDINO VALLEY WATER CONVERSATION       1. ALTERNATHE AND WEETING THE SAN BEENARDING ALL OTHER REQUIRED	PLANEW. 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THE DOTOR OF THE SING THE STRUCE OR NON- STOTICKE CONVERSION DOE NOT SHOWN ON THE EXERCISE OR NON- STOTICKE CONVERSION OR NOT SHOWN ON THE EXERCISE OR NON- STOTICKE OR ROM- ENGL OR DUBLE FOR STRUCE OR AND STOCKPLER PRINTS PRIOR COLOR FOR SHOULD OR FREE PLANS. SHALL BE REPORTING THE ENSTRUCE OR NON- STOTICKE OR ROM EXERCISE PLANS AND THE SAN BERNARDING VALLEY WATER CONVERSATION OR NOT SHOWN ON THE EXERCISE OR NON- STOTICKE OR ROM EXERCISE PLANS AND THE SAN BERNARDING VALLEY WATER CONVERSATION CE MAIL SERFENSIONS OF ROTORS. THE LOCATED AND THE SAN BERNARDING VALLEY WATER CONVERSATION CE MAIL SERFENSIONS OF ROTORS. THE ROMARD AND THE SAN BERNARDING VALLEY WATER CONVERSATION CE MAIL SERFENSIONS OF ROTORS. CO THESE PLANS AND THE SAN BERNARDING VALLEY WATER CONVERSATION MEER FOR OT DASS. THE LOCATED AND THE SAN BERNARDING VALLEY WATER CONVERSATION CE MAIL SERFENSION ON HILLES SAN DERIVERING THESE PLANS WILL NOT SEELE FOR, OR JURGES. THE ENDINEER PLANS WILL NOT SEELE FOR OR JURGES. 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CATEGORY	SEVERITY	CLASS	CONDITION			
	NOT APPLICABLE	FO	CONCRETE NOT EXPOSED TO FREEZIN AND THAWING CYCLES			
÷	MODERATE	F1	CONCRETE EXPOSED TO FR AND OCCASIONAL EXPOSUR			
F Freezing and thawing	SEVERE	F2	CONCRETE EXPOSED TO FREEZING AND AND IN CONTINUOUS CONTACT WITH MO			
	VERY SEVERE	F3	Construction and the construction of the second	CONCRETE EXPOSED TO FREEZING AND T CONTINUOUS CONTACT WITH MOISTURE AP DEICING CHEMICALS		
			WATER SOLUBLE SULFATE (SO4) IN SOLUTION PERCENT BY WEIGHT	DISSOLVED S IN WATER, F		
S	NOT APPLICABLE	SO	SO4 < 0.10	SO4		
SULFATE	MODERATE	S1	0.10≤S04<0.20	150≤9		
	SEVERE	S2	0.20≤S04≤2.0	1500≤\$		
	VERY SEVERE	S3	SO4 > 2.0	SO4 3		
Р	NOT APPLICABLE	PO	IN CONTACT W/ WATER WH REQUIRED	ERE LOW PERM		
REQUIRED LOW PERMEABILITY	REQUIRED	P1	IN CONTACT W/ WATER WH REQUIRED	ERE LOW PERM		
	NOT APPLICABLE	CO	CONCRETE DRY OR PROTECTED FROM			
C			CONCRETE EXPOSED TO MC SOURCES OF CHLORIDE			
CORROSION PROTECTION OF REINFORCEMENT	SEVERE	C2	CONCRETE EXPOSED TO MOISTURE AND SOURCES OF CHLORIDES FROM DEICING BRACKISH WATER, SEAWATER, OR SPRAY SOURCES			

EXPOSURE CLASS	MAX W/C	MIN fc	AD	ADDITIONAL MINIMUM REQUIREM				
				AIR CONTENT				
FO	N/A	2500		N/A		N/A		
F1	0.45	4500	PER TABL	E 4.4.1 - ACI	318-08	N/A		
F2	0.45	4500	PER TABL	E 4.4.1 - ACI	318-08	N/A		
F3	0.45	4500	PER TABL	PER TABLE 4.4.1 - ACI 318-08				
			CEMENTITIC	OUS MATERIALS	- TYPES	CALCIUM CHLORIDE		
				ASTM C595	ASTM C1157	ADMIXTURE		
SO	N/A	2500	NO TYPE RESTRICTION	NO TYPE RESTRICTION	NO TYPE RESTRICTION	NO RESTRICTION		
S1	0.50	4000	II <sub>2,3</sub>	IP (MS) IS(<70) (MS)	MS	NO RESTRICTION		
S2	0.45	4500	V3	IP (HS) IS(<70) (HS)	HS	NOT PERMITTED		
S3	0.45	4500	V PLUS POZZOLAN OR SLAG <sub>4</sub>	IP(HS) PLUS POZZOLAN OR SLAG4 OR IS(<70) (HS) PLUS POZZOLAN OR SLAG4	HS PLUS POZZOLAN OR SLAG <sub>4</sub>	NOT PERMITTED		
PO	N/A	2500		NC	DNE			
P1	0.50	4000		NC	NE			
			CHLORIDE ION	ATER SOLUBLE I (CL-) CONTENT ETE, PERCENT I OF CEMENT <sub>5</sub>	CONTENT RCENT			

E	NON		2500	N/A	PO
E	NON		4000	0.50	P1
RELATED	TER SOLUBLE (CL-) CONTENT TE, PERCENT OF CEMENT <sub>5</sub>	CHLORIDE ION IN CONCRE			
	REINFORCED CONCRETE	REINFORCED CONCRETE	1		
	0.06	1.00	2500	N/A	CO
	0.06	0.30	2500	N/A	C1
ACI 318,	0.06	0.15	5000	0.40	C2

- ES -----\_\_\_\_\_ HAWING CYCLES
- \_\_\_\_ AWING CYCLES STURE \_\_\_\_\_ HAWING AND IN
- ----SULFATE (SO4)
- PPM \_\_\_\_\_ < 150 \_\_\_\_
- SO4<1500 SO4≤10,000 > 10,000
- EABILITY IS NOT MEABILITY IS
- \_\_\_\_ DISTURE NOT TO EXTERNAL
- AN EXTERNAL CHEMICALS, SALT
- FROM THESE \_\_\_\_\_

- \_\_\_\_ NONE \_\_\_\_\_ , 7.7.6 & 16.16<sub>6</sub>
- HOSE LISTED IN FATE RESISTANCE OF PORTLAND
- TO 10 PERCENT OR TYPE I ARE
- CONTENTS ARE OR SLAG TO BE EN DETERMINED WHEN USED IN HE AMOUNT OF SED SHALL NOT STM C1012 AND
- JTED FROM THE MATERIALS, AND TURE BY ASTM
- OR UNBOUNDED

# REINFORCING STEEL

- 1. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60
- 2. SHOP DRAWINGS SHALL COMPLY WITH ACI 315, PART B. SHOW REINFORCING STEEL PLACEMENT INCLUDING SIZES, QUANTITIES, SPACING, CLEARANCES, SPLICE LOCATIONS, LAP LENGTHS, AND CONCREE COVERAGE AND SUBMIT TO DISTRICT. PROMPTLY NOTIFY DISTRICT PRIOR TO DEVELOPING SHOP DRAWINGS IF INSUFFICIENT CLEAR DISTANCES BETWEEN REINFORCING STEEL AND OTHER CONGESTION IS ENCOUNTERED, NOTIFY DISTRICT OF ADJUSTMENTS MADE FROM APPROVED CONTRACT DOCUMENTS WHICH ARE INDICATED ON ACCEPTED SHOP DRAWINGS THAT FACILITATE FIELD PLACEMENT OF REINFORCING STEEL AND CONCRETE.
- 3. DIMENSIONS FROM FACE OF CONCRETE TO STEEL ARE TO THE NEAREST EDGE OF THE BAR AND SHALL BE AS INDICATED ON THE DRAWINGS.
- 4. MINIMUM REINFORCING STEEL CLEAR COVER IN CONCRETE SHALL CONFORM TO TABLE 2-1 OF THE USACE EM 1110-2-2104. THE DIVERTER WALLS SHALL HAVE 4" MINIMUM COVER. ALL OTHER WALLS AND SLAB FOUNDATION SHALL HAVE 3" MINIMUM COVER.
- 5. ALL LAP SPLICES SHALL CONFORM TO ACI 318-95. LONGITUDINAL STEEL SHALL BE LAPSED 24 BAR DIAMETERS AT SPLICES. TRANSVERSE STEEL SHALL BE LAPSED 50 BAR DIAMETERS AT SPLICES.
- 6. MINIMUM CLEARANCES BETWEEN PARALLEL REINFORCING STEEL INCLUDING DISTANCE BETWEEN SETS OF SPLICED BARS SHALL BE 1" OR 1 BAR DIAMETER, WHICHEVER IS GREATER.

# CONCRETE

- 1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- 2. CONCRETE AGGREGATE SHALL BE NATURAL SAND AND ROCK (150 LB/CU. FT) CONFORMING TO ASTM C33. AGGREGATE SHALL HAVE PROVEN SHRINKAGE CHARACTERISTICS OF LESS THAN 0.04% PER ASTM C-157. DO NOT CHANGE SOURCE OF AGGREGATE DURING COURSE OF WORK WITHOUT WRITTEN CONSENT OF ENGINEER.
- 3. CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C150. CEMENT SHALL BE TYPE V OR AS REQUIRED TO SATISFY SITE SOIL CONDITIONS. REFER TO ACI 318 TABLES 19.3.1.1 OR 19.3.2.1 FOR EXPOSURE CATEGORIES, CLASSES AND REQUIREMENTS FOR CONCRETE BY EXPOSURE CLASS RESPECTIVELY. USE MINIMUM OF SIX (6) SACKS OF CEMENT PER CUBIC YARD OF CONCRETE, OR AS DIRECTED IN SPECIFICATIONS.
- 4. VIBRATION OF CONCRETE SHALL BE IN ACCORDANCE WITH GENERAL PROVISIONS OUTLINED IN PORTLAND CEMENT ASSOCIATION SPECIFICATION ST26.
- 5. CONCRETE CURING SHALL BE MAINTAINED AT A MOIST CONDITION FOR A MINIMUM OF FIVE DAYS AFTER PLACEMENT. FOR CONCRETE OTHER THAN SLAB ON GRADE, APPROVED CURING COMPOUNDS MAY BE USED IN LIEU OF MOIST CURING ONLY IF APPROVED BY THE ENGINEER
- 6. ANCHOR BOLTS SHALL BE FIXED AT LOCATIONS NOTED ON THE DRAWINGS AND SHALL BE HAMMER DRILLED DRY AND CEMENTED IN PLACE WITH HILTI HIT-HY 200 MORTAR INJECTION SYSTEM (OR EQUIVALENT).
- 7. CONSTRUCTION AND POUR JOINTS LOCATIONS SHALL BE APPROVED BY ENGINEER PRIOR TO POURING CONCRETE.
- 8. FORMWORK TOLERANCE SHALL BE IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE AND ACI STANDARDS.

# WELDING

- 1. ALL WELDING TO COMPLY WITH THE SPECIFICATIONS OF THE AWS CODE, 1.5.
- 2. ALL WELDS SHALL BE SHOP FABRICATED PER SUBMITTED SHOP DRAWINGS UNLESS FIELD CONDITIONS DICTATE FIELD WELDS
- 3. SHOP DRAWINGS MUST CONTAIN THE PROPER WELDING PROCEDURE SPECIFICATION (WPS) FOR SHOP FABRICATION AND FIELD WELDING.

PLAN INDEX	
DESCRIPTION	SHT, NO
TITLE SHEET	ť
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WALLS PLAN AND DETAILS	7
DETAILS	8
TRASH RACK DETAILS	9
HODITONTAL CONTROL DUAN	10

HORIZONTAL CONTROL PLAN \_\_\_\_\_\_ 10

## LEGEND

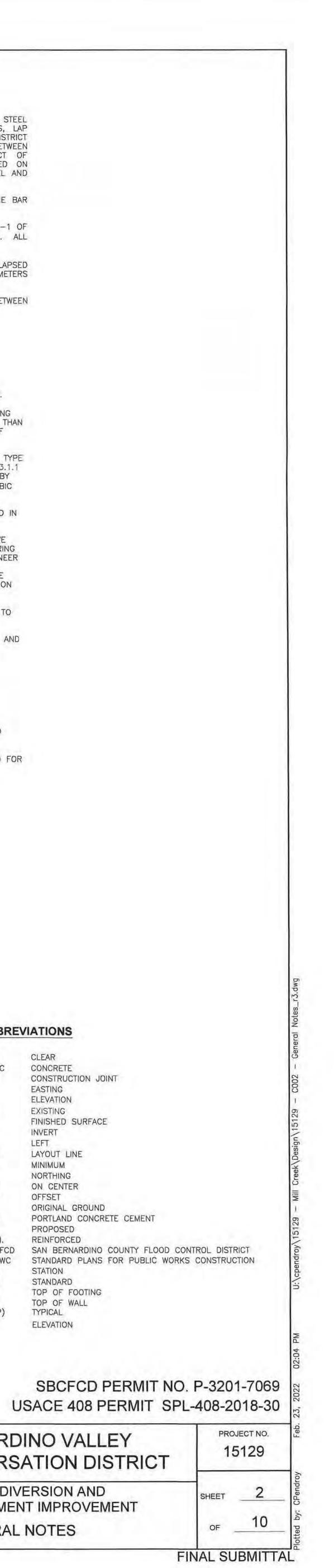
LEGEND	
586	2.5' THICK LAYER DRIVEABLE RIPRAP
무망난	2.5' THICK LAYER UN-GROUTED LOCAL ROCK
1232	2.5' THICK LAYER GROUTED RIPRAP
	1/2 TON LOOSE RIPRAP
a 4	PCC SLAB
	CATWALK GRATING
	TRASH RACK
	LIMITS OF WORK
	LIMITS OF GRADING
	PCC CUT-OFF WALL
	RIPRAP TOE DOWN AND LIMITS OF GROUTED RIPRAP
	LIMITS OF UNGROUTED RIPRAP
and state	EXISTING PCC DIVERSION CHANNEL WALL

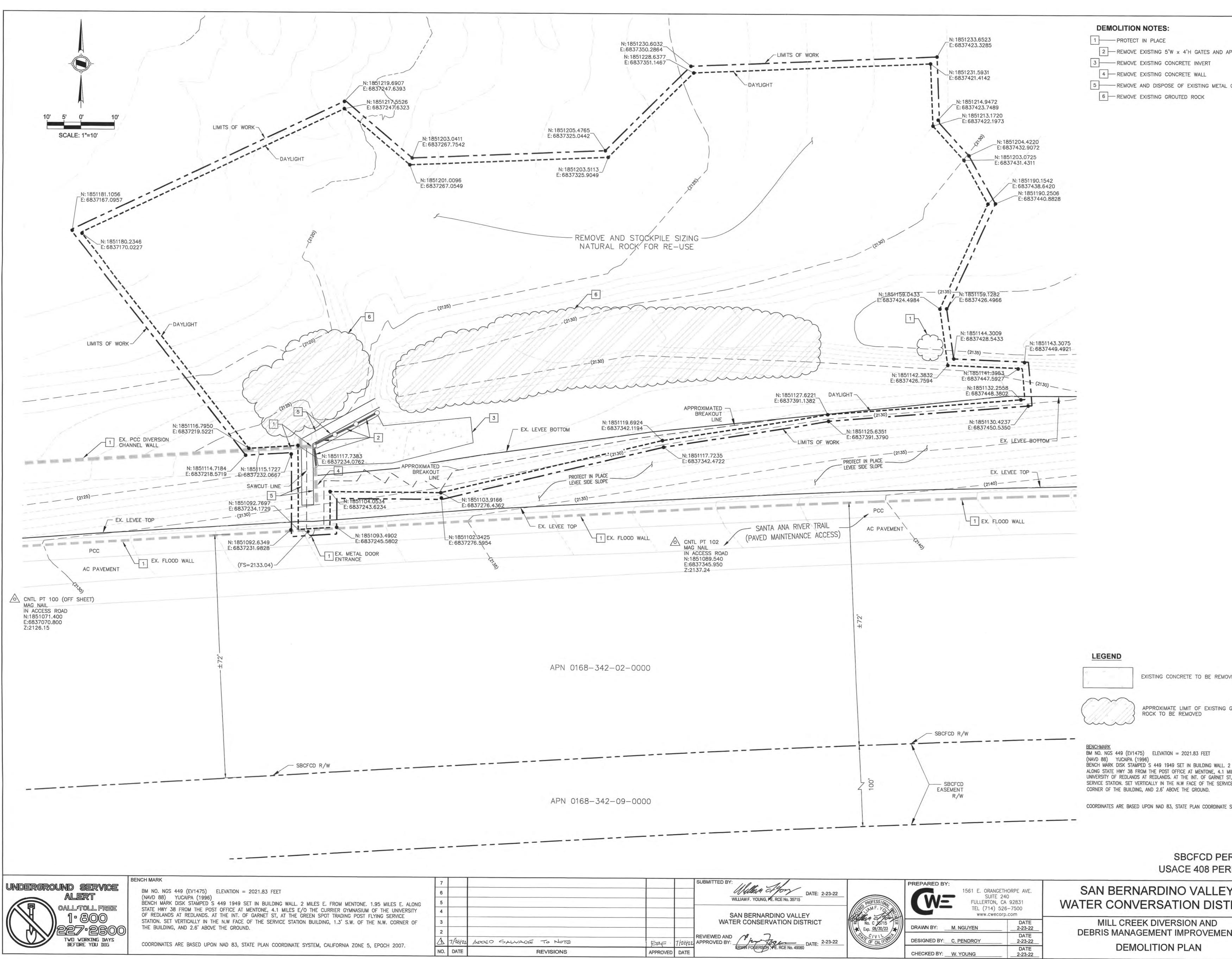
## ABBREVIATIONS

Z

CLR	CLEAR
CONC	CONCRETE
CJ	CONSTRUCTION JO
E	EASTING
EL	ELEVATION
EX.	EXISTING
FS	FINISHED SURFACE
INV	INVERT
L	LEFT
LOL	LAYOUT LINE
MIN	MINIMUM
N	NORTHING
O.C.	ON CENTER
OFF	OFFSET
OG	ORIGINAL GROUND
PCC	PORTLAND CONCR
PR.	PROPOSED
REIN.	REINFORCED
SBCFCD	SAN BERNARDINO
SPPWC	STANDARD PLANS
STA	STATION
STD	STANDARD
TF	TOP OF FOOTING
TW	TOP OF WALL
(TYP)	TYPICAL
Z	ELEVATION

DATE: 2-23-22	ADFESS/ONAL AMF. YOUNG	ANGETHORPE AVE. ITE 240 DN, CA 92831 4) 526-7500 wecorp.com	SAN BERNARDINO VALLI WATER CONVERSATION DIS
	DRAWN BY: M. NGUYEN	DATE 2-23-22	MILL CREEK DIVERSION AND
19060 DATE: 2-23-22	OF CALIFORNY DESIGNED BY: C. PENDROY	DATE 2-23-22	DEBRIS MANAGEMENT IMPROVEM
19060 DATE:	CHECKED BY: W. YOUNG	DATE 2-23-22	GENERAL NOTES



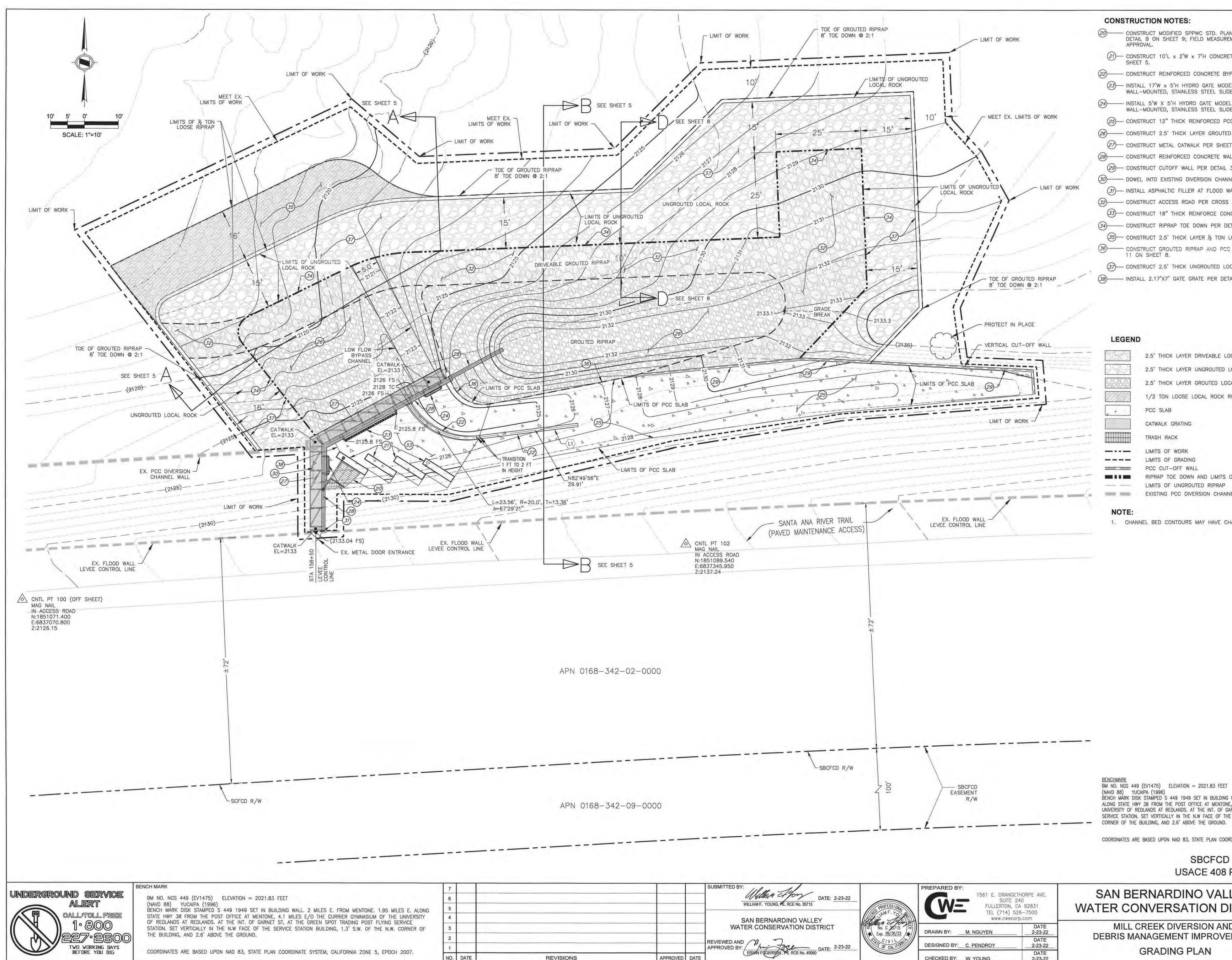


	7				-	SUBMITTED BY:
	6					William of your
ILES E. ALONG	5					WILLIAM F. YOUNG, PE. RCE No. 35715
E UNIVERSITY SERVICE	4					SAN BERNARDINO VALLEY
CORNER OF	3					WATER CONSERVATION DIST
	2					
H 2007.	A	7/28/22	ADDED SALVAGE TO NOTE	ERF		APPROVED BY:
	NO.	DATE	REVISIONS	APPROVED	DATE	ERWIN FOGERSON, PE. RCE No. 49060

DATE: <u>2-23-22</u>	3-22 ROFESS/ON/	PREPARED BY: <b>1561 E. ORANG</b> SUITE FULLERTON, TEL (714) www.cwec	240 CA 92831 526-7500	SAN BERNARDINO VALLEY WATER CONVERSATION DISTR
TRICT	No. C 35715 ₩ Exp. 09/30/23	DRAWN BY: M. NGUYEN	DATE 2-23-22	MILL CREEK DIVERSION AND
DATE: 2-23-22	CIVIL OF CALIFORNIE	DESIGNED BY: C. PENDROY	DATE 2-23-22	DEBRIS MANAGEMENT IMPROVEMEN
DATE.		CHECKED BY: W. YOUNG	DATE 2-23-22	DEMOLITION PLAN

APPURTENANCES (SALVAGE PER SPECIFICATIONS)	
CATWALK	
	Бл
	C003 - Demolition Plan.dwg
	- Demoliti
VED	- COO3 -
	n\15129
GROUTED	Mill Creek\Design\
	- Mill Cr
2 MILES E. FROM MENTONE, 1.95 MILES E.	oy\15129
MILES E/O THE CURRIER GYMNASIUM OF THE ST, AT THE GREEN SPOT TRADING POST FLYING CE STATION BUILDING, 1.3' S.W. OF THE N.W.	U:\cpendroy\15129
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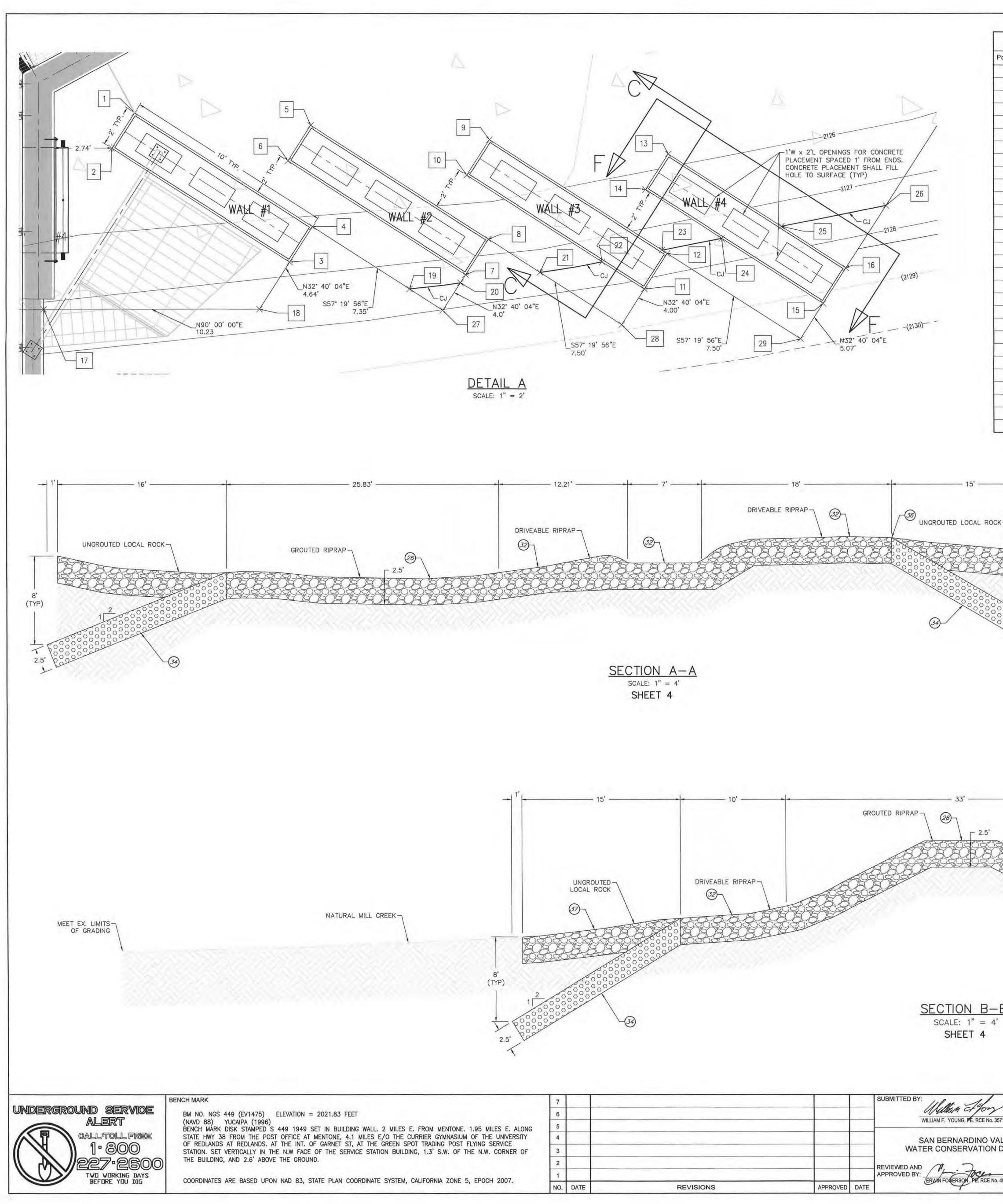


	NO.	DATE	REVISIONS	APPROVED	DATE	
5, EPOCH 2007.	1					APPROVED BY: ERWIN FOGERSON, PE. RCEI
	2				L	REVIEWED AND M.
HE N.W. CORNER OF	3					WATER CONSERVATION
OF THE UNIVERSITY FLYING SERVICE	4					SAN BERNARDINO
1.95 MILES E. ALONG	5					WILLIAM F. YOUNG, PE. RCE No
	6					William of for
	7					SUBMITTED BY:

# CONSTRUCT MODIFIED SPPWC STD. PLAN DETAIL B ON SHEET 9; FIELD MEASUREN 2) CONSTRUCT 10'L x 2'W x 7'H CONCRE 22- CONSTRUCT REINFORCED CONCRETE BYF 23- INSTALL 17'W x 5'H HYDRO GATE MODE WALL-MOUNTED, STAINLESS STEEL SLIDE ----- INSTALL 5'W X 5'H HYDRO GATE MODEL WALL-MOUNTED, STAINLESS STEEL SLIDE 25- CONSTRUCT 12" THICK REINFORCED PC (26) CONSTRUCT 2.5' THICK LAYER GROUTED 27- CONSTRUCT METAL CATWALK PER SHEET 28 CONSTRUCT REINFORCED CONCRETE WAL 29 - CONSTRUCT CUTOFF WALL PER DETAIL 30- DOWEL INTO EXISTING DIVERSION CHANN 31- INSTALL ASPHALTIC FILLER AT FLOOD W 32 CONSTRUCT ACCESS ROAD PER CROSS 33- CONSTRUCT 18" THICK REINFORCE CON (34) CONSTRUCT RIPRAP TOE DOWN PER DET (35) CONSTRUCT 2.5' THICK LAYER 1/2 TON CONSTRUCT GROUTED RIPRAP AND PCC 11 ON SHEET 8. 37- CONSTRUCT 2.5' THICK UNGROUTED LOC

CW	FULLERTON, TEL (714) www.cwed	CA 92831 526-7500
DRAWN BY:	M. NGUYEN	DATE 2-23-22
DESIGNED BY:	C. PENDROY	DATE 2-23-22
CHECKED BY:	W. YOUNG	DATE 2-23-22

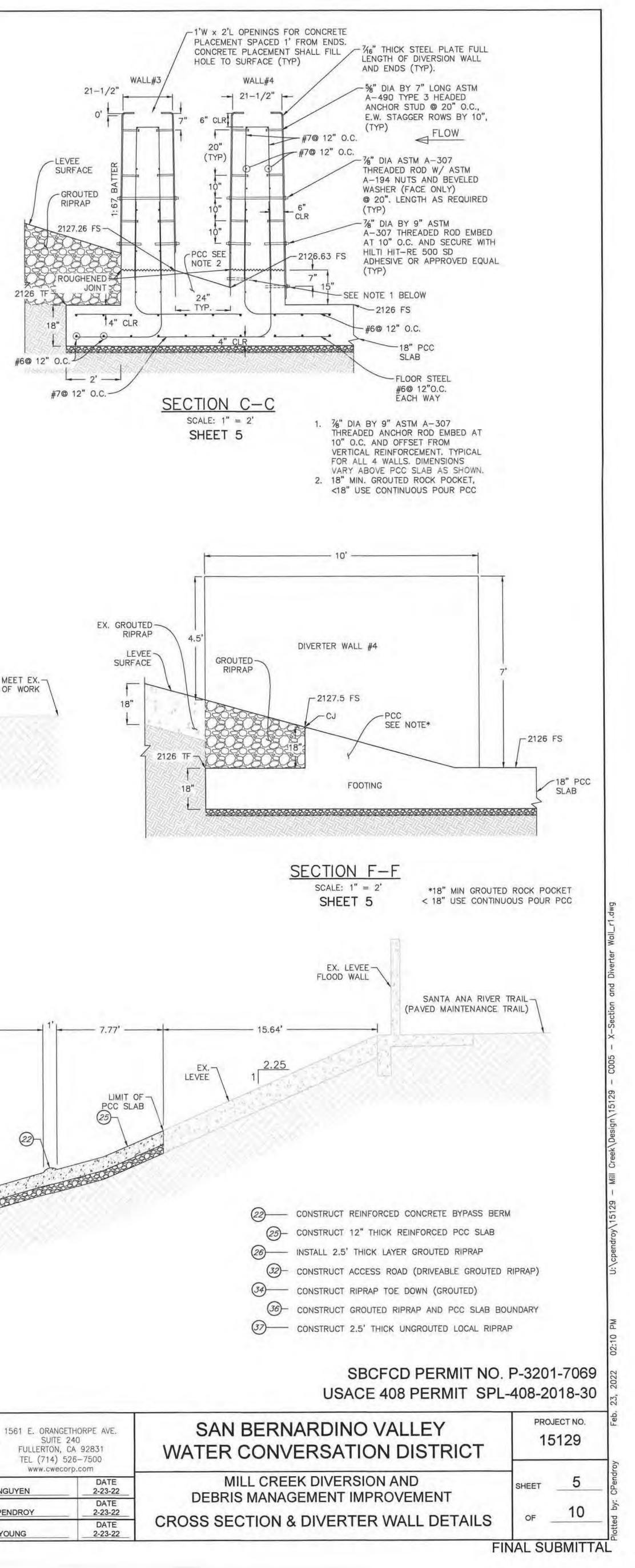
N 360–2 TRASH RACK MENT AND SHOP DRAWI	
TE DIVERTER WALL PER	
PASS BERM PER DETAIL	6 ON SHEET 8.
EL HG-561 SELF-CONT E GATE OR APPROVED	
. HG561 SELF-CONTAIN E GATE OR APPROVED	
C SLAB PER DETAIL 4 RIPRAP PER DETAIL 2	
F 6.	UN SHEET O.
LLS PER SHEET 7. 3 ON SHEET 8.	
IEL FLOOR PER DETAIL	8 ON SHEET 8.
ALL PER DETAIL 9 ON SECTION D-D ON SHE	
CRETE SLAB PER DETAI	L 10 ON SHEET 8.
TAIL 5 ON SHEET 8.	
SLAB BOUNDARY CONN	NECTION PER DETAIL
CAL ROCK RIPRAP.	
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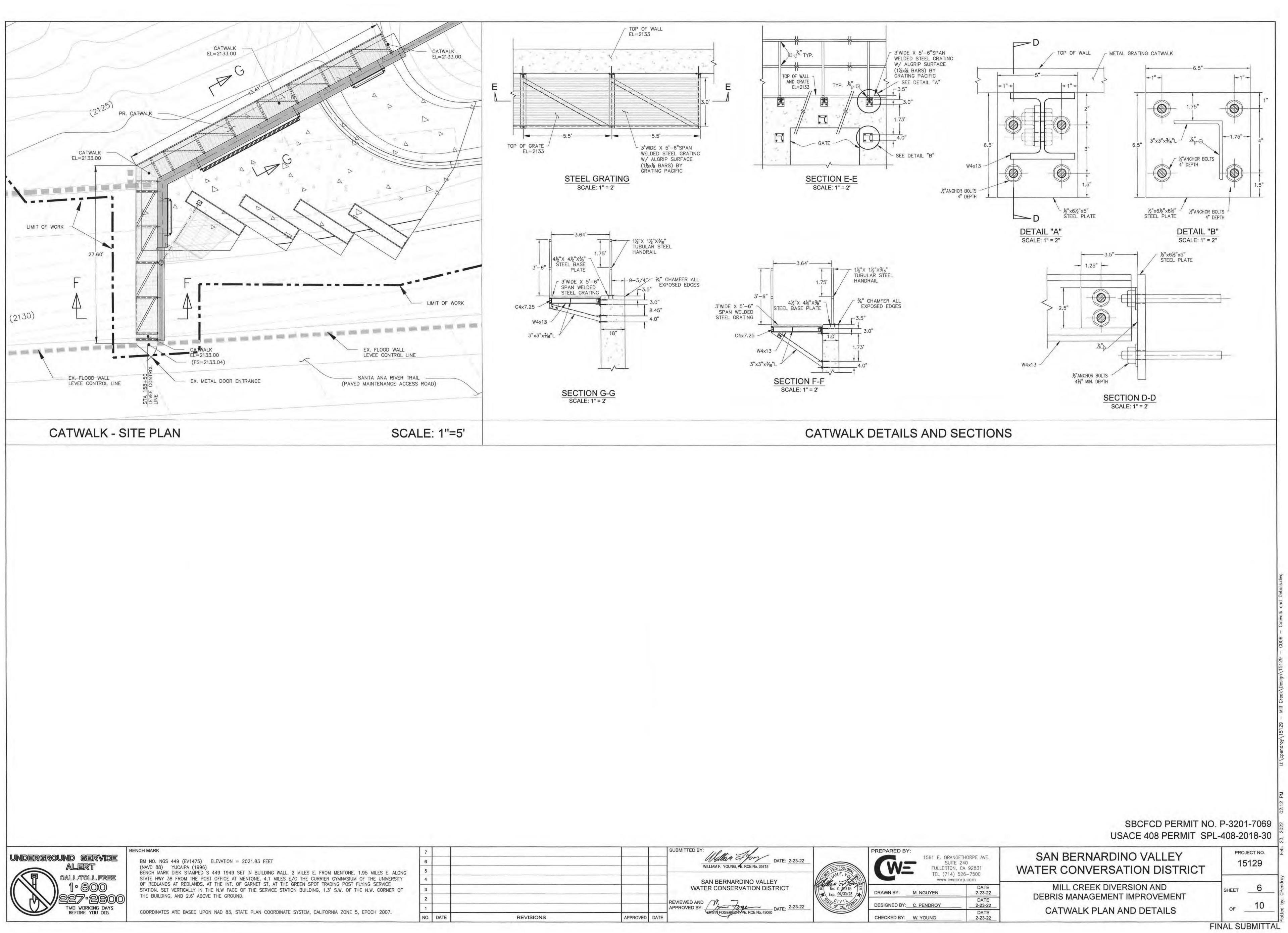


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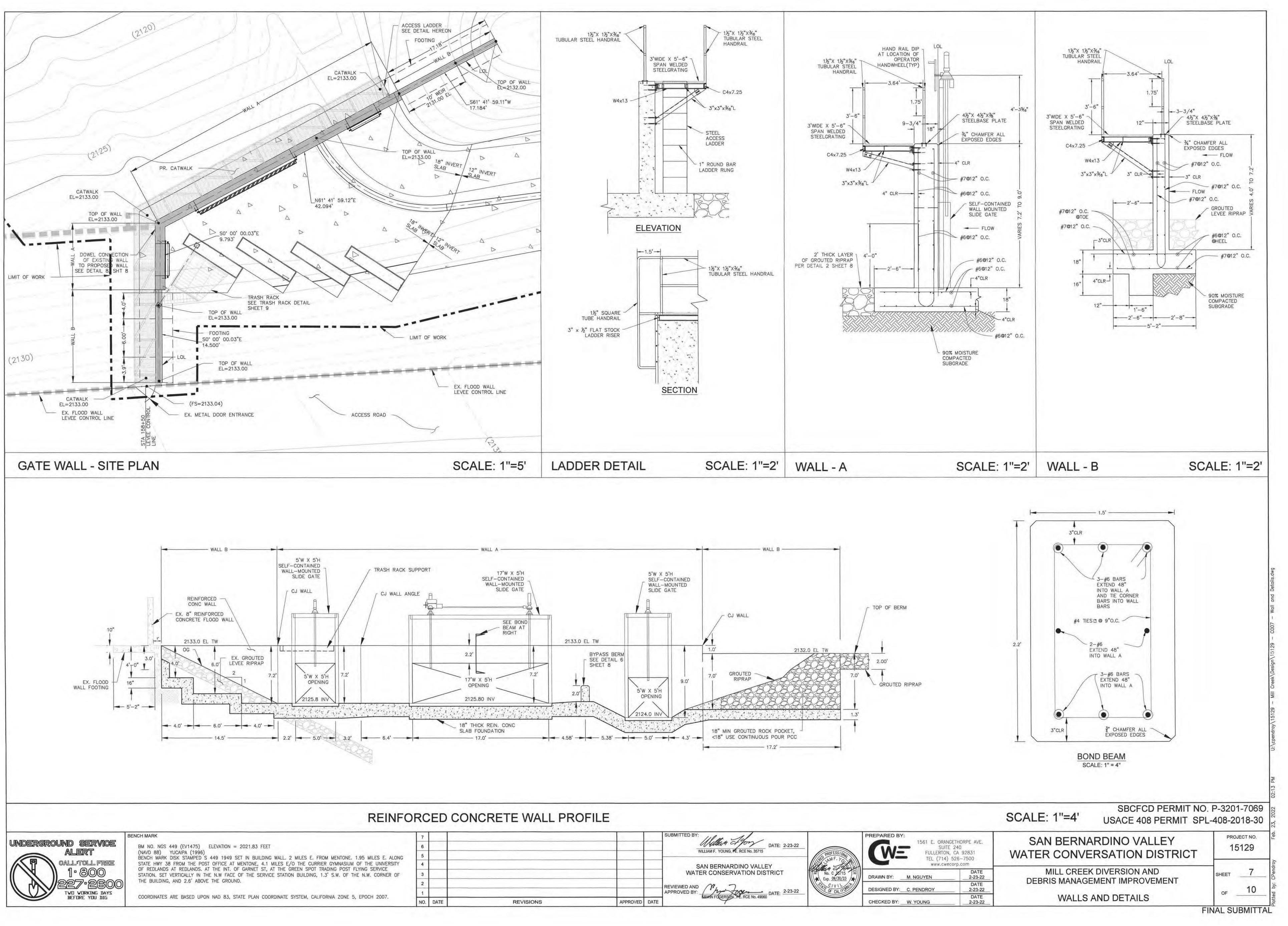
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15	2129.22	1851107.53	6837277.07				
16	2128.60	1851109.21	6837278.15				
17	2127.13	1851107.26	6837240.12				
18	2127.60	1851107.26	6837250.35				
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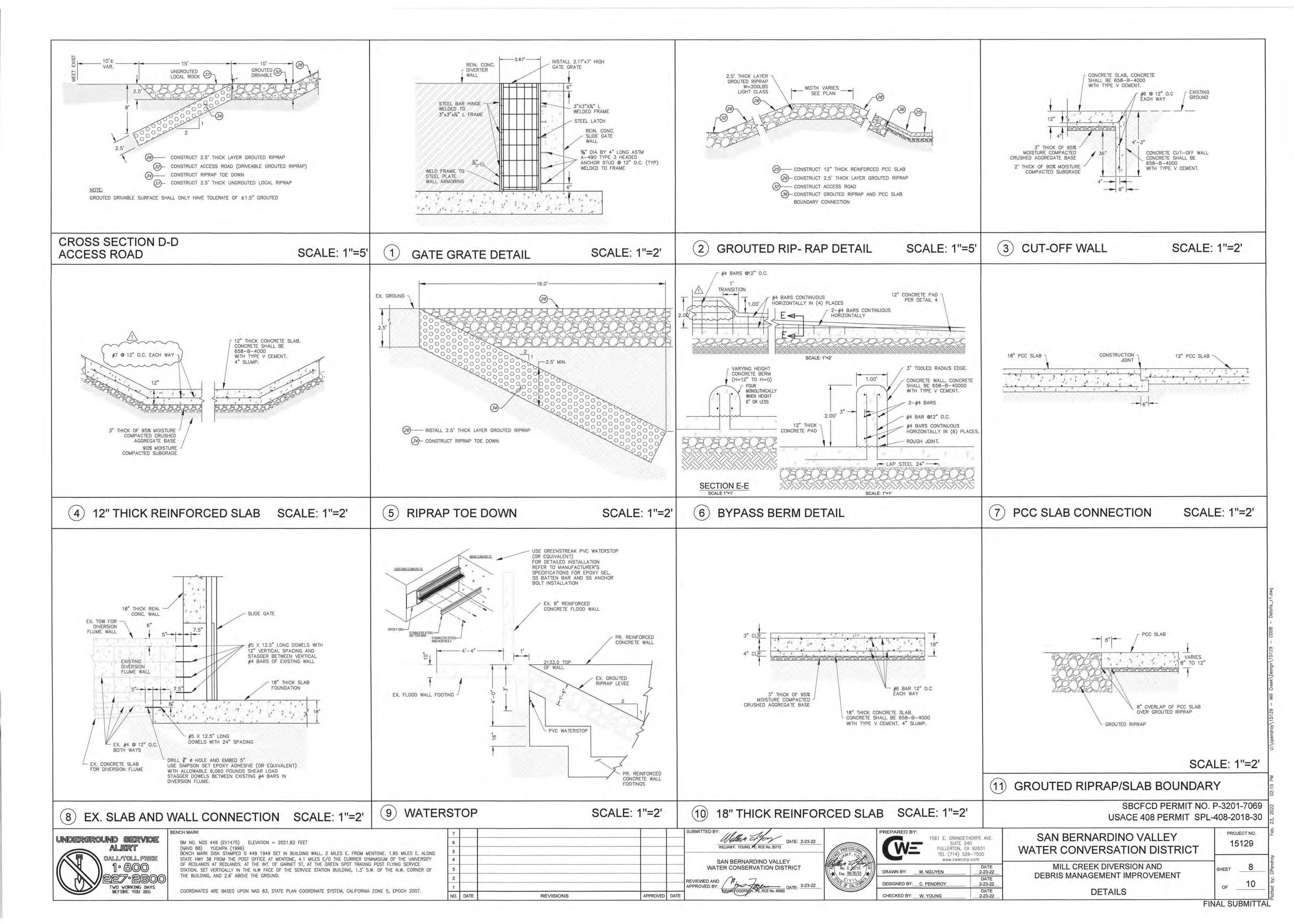


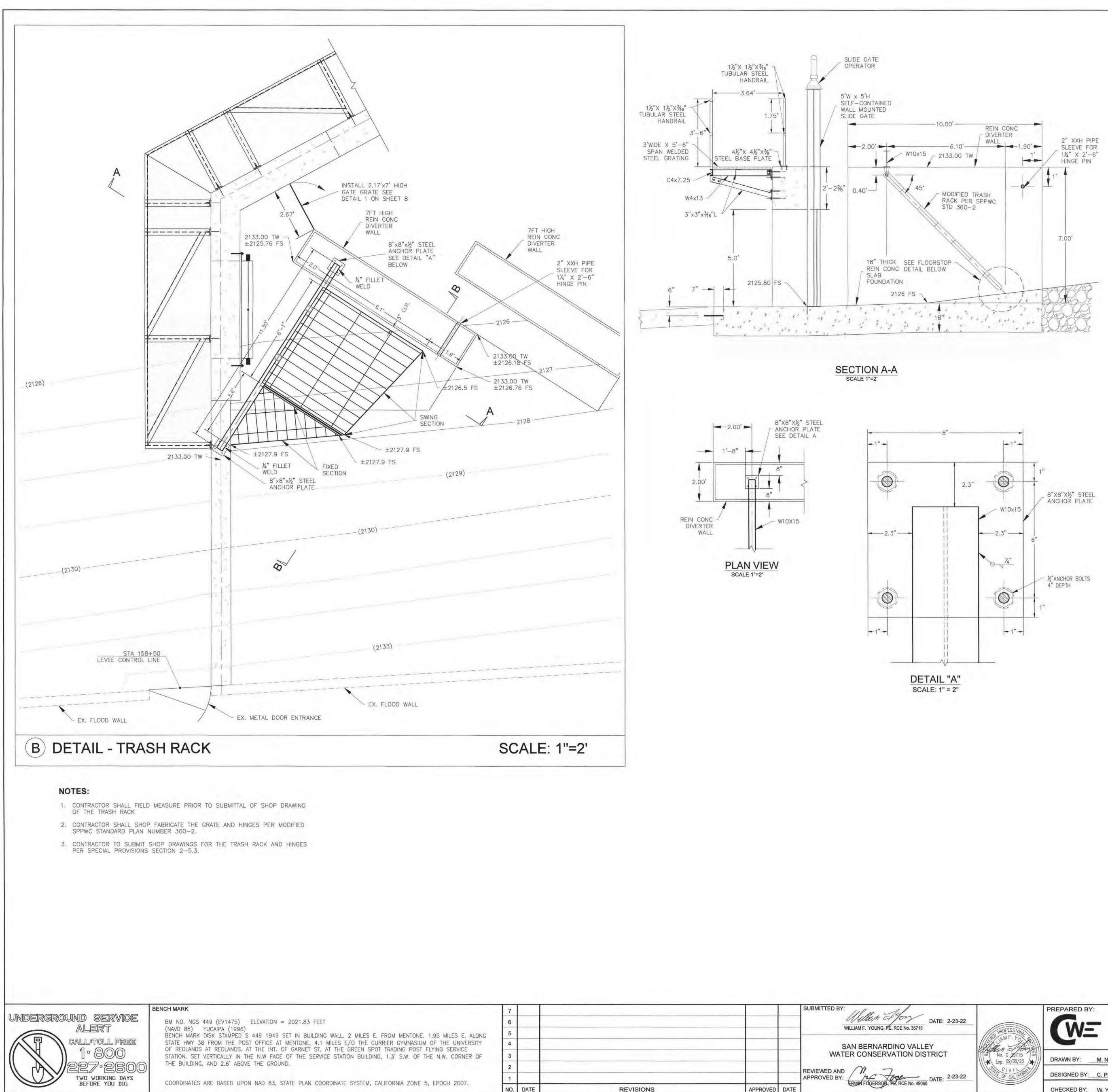
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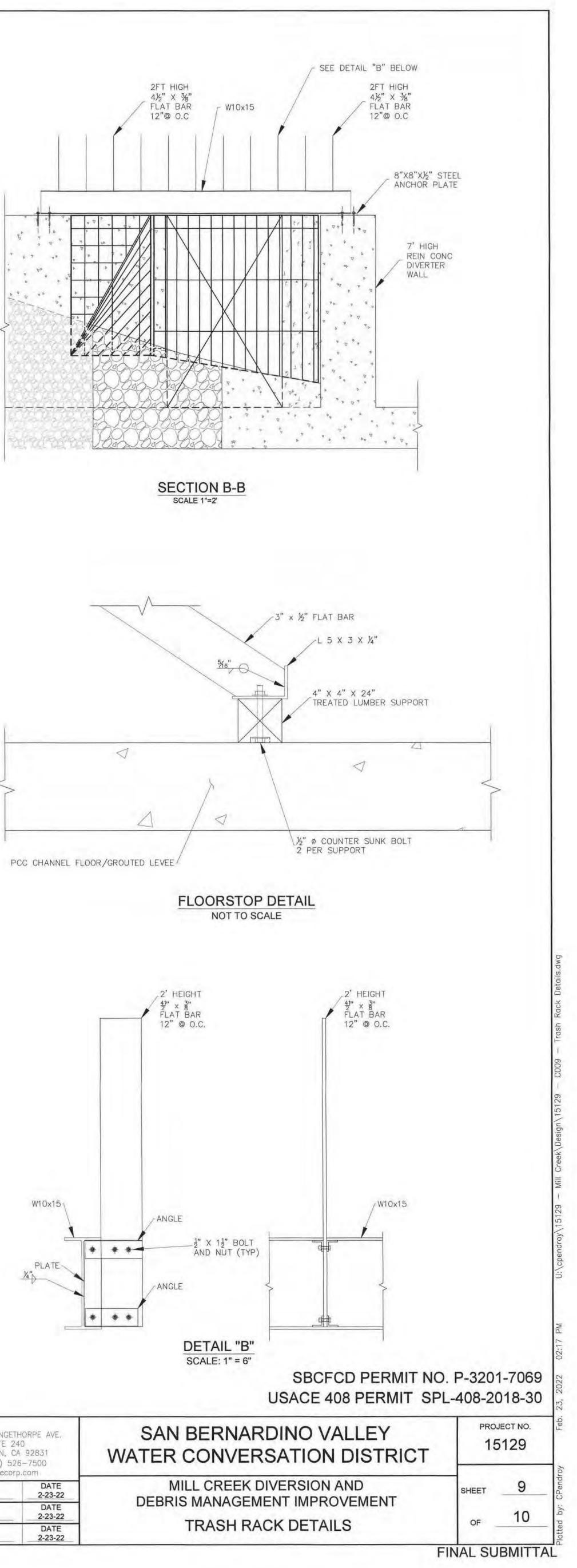


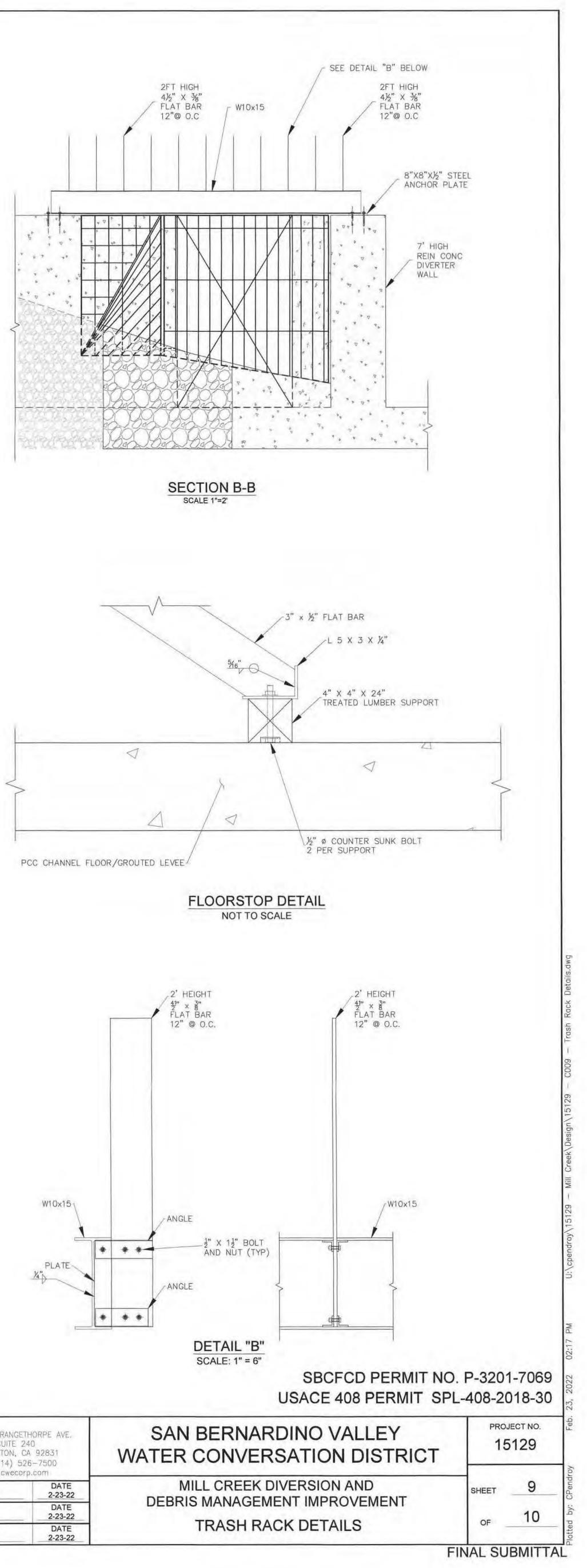
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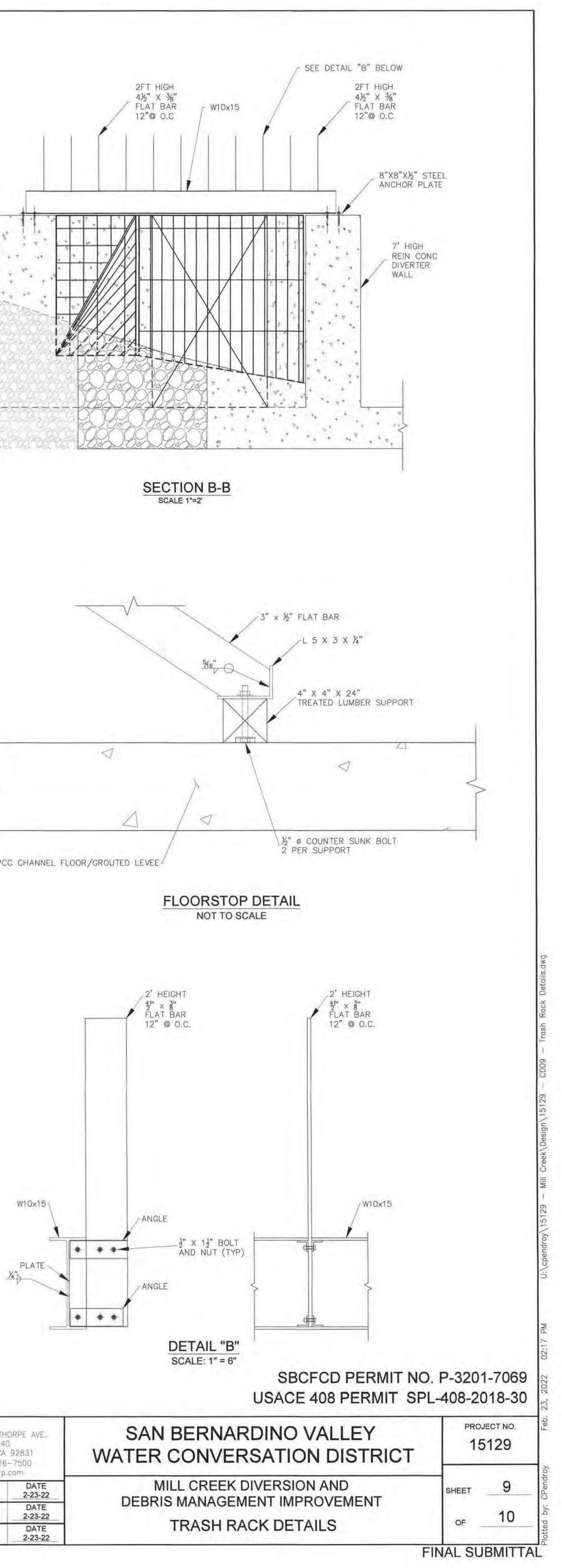




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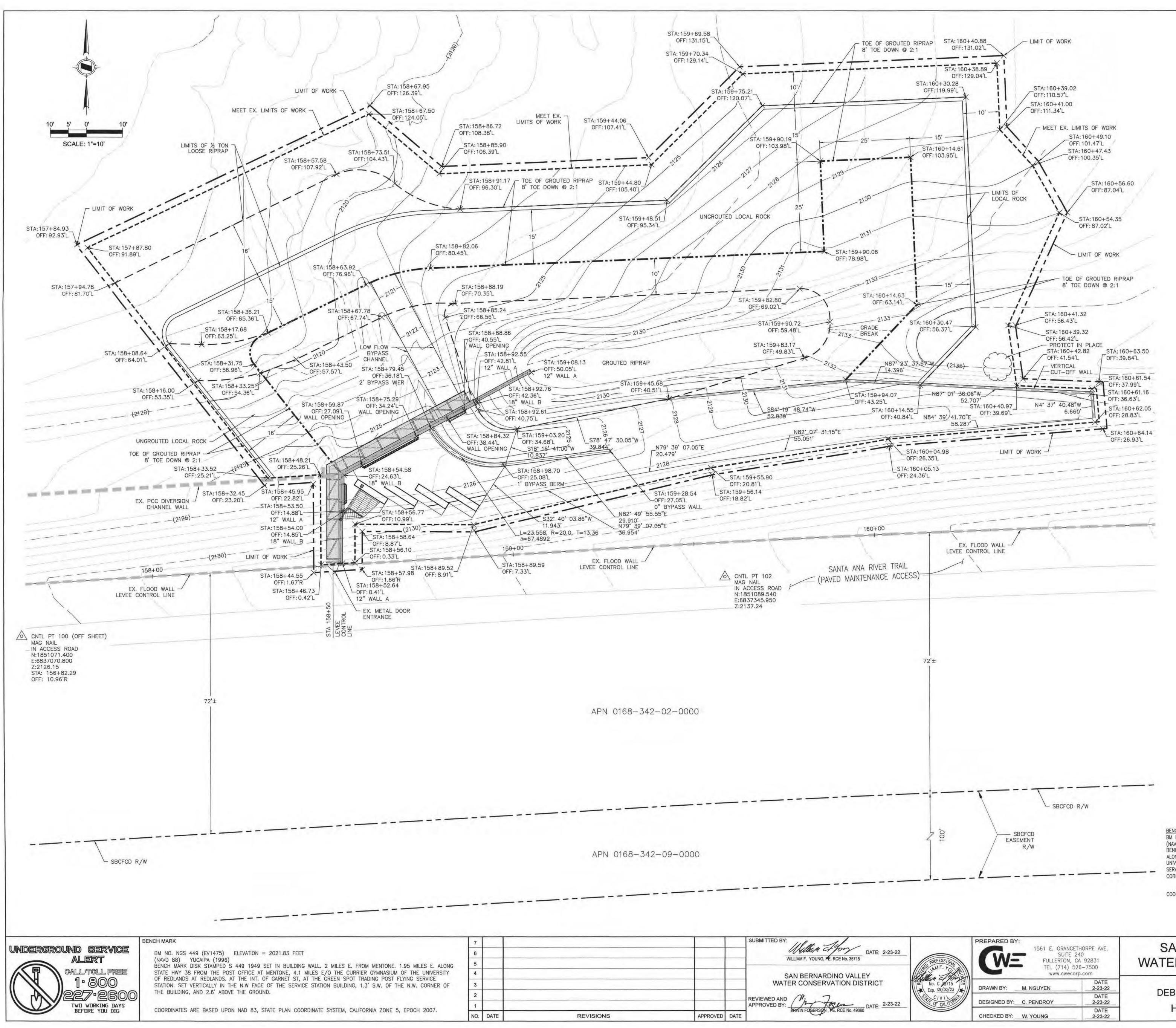






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## CONTRACT SERVICES AGREEMENT FOR PROFESSIONAL SERVICES

THIS PROFESSIONAL SERVICES AGREEMENT FOR CONSTRUCTION SUPPORT SERVICES FOR THE MILL CREEK DIVERSION IMPROVEMENT PROJECT ("Agreement") by and between the SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT, a California Special District ("SBVWCD" or "District"), and \_\_\_\_\_\_. ("Consultant"), is effective upon the date on which this Agreement is signed by both District and Consultant ("Effective Date").

**NOW THEREFORE,** the parties hereto agree as follows:

## **1.0 SERVICES OF CONSULTANT**

**1.1** <u>Scope of Services</u>. In compliance with all of the term and conditions of this Agreement, the Consultant shall provide Construction Support Services for the Mill Creek Diversion Improvement Project (Project) consistent with the Scope of Work appended hereto as Attachment 1. Consultant warrants that all work and services will be performed in a competent, professional, and satisfactory manner.

**1.2** <u>Authorization to Begin, Schedule and Retention Tenn.</u> Consultant's term to begin work or services, shall initiate upon receipt of a Notice to Proceed by District. Further, no work or services other than that described in the Scope of Work shall be initiated by the Consultant without written authorization of the District and documented as a Change Order to this agreement.

**1.3** <u>Compliance With Law</u>. All work and services rendered hereunder shall be provided consistent with the professional skill and care ordinarily provided by firms practicing in the same or similar locality for the same type of work (herein the "Standard of Care") and in accordance with applicable ordinances, resolutions, statutes, rules, and regulations of the District and any Federal, State, or local governmental agency of competent jurisdiction.

**1.4** <u>Licenses. Permits. Fees and Assessments.</u> Consultant shall obtain at its sole cost and expense such licenses, permits, and approvals as may be required by law for the perforn1ance of the services required by this Agreement.

## 2.0 COMPENSATION

**2.1** <u>Contract Sum</u>. For the services rendered pursuant to this Agreement, the Consultant shall be paid an amount not to exceed a total payment of \$\_\_\_\_\_ (\_\_\_\_\_ Dollars).

2. 2 <u>Method of Payment.</u> Provided that Consultant is not in default under the terms of this Agreement, the Consultant shall be paid monthly for each task described in the Scope of Work, under submission of an invoice, provided that prior to payment of the final invoice, all

work authorized by the District shall be completed, including delivery of final work product, and supporting documentation.

2.3 <u>Content of Invoices.</u> Each invoice submitted by the Consultant shall reflect the amount of time; a detailed narrative description of the work performed within that time by each employee or sub-consultant for each task, and any materials or other direct costs. Invoices without this information shall not be paid.

## 3.0 COORDINATION OF WORK

**3.1** <u>Representative of Consultant</u> is hereby designated as the principal representative of the Consultant, authorized under all applicable laws to act in its behalf with respect to the work and services specified herein and to make all decisions in connection therewith.

**3.2** <u>Contract Officer</u>. The General Manager is hereby designated as the representative of the District, authorized to act in its behalf with respect to the work and services specified herein and make all decisions in connection therewith ("Contract Officer").

**3.3** <u>Prohibition Against Subcontracting or Assignment.</u> Consultant shall not contract with any entity to perform in whole or in part Consulting Work required of Consultant herein without the prior express written approval of the District. Neither this Agreement nor any interest herein may be assigned or transferred, voluntarily or by operation of law, without the prior written approval of the District. Any such prohibited assignment or transfer shall be void.

**3.4** <u>Independent Consultant.</u> Consultant shall perform all work and services required herein as an independent contractor of the District, and shall remain under only such obligations as are consistent with that role. Consultant shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of the District.

### 4.0 INSURANCE AND INDEMNIFICATION

**4.1** <u>Insurance.</u> The Consultant shall procure and maintain, at its sole cost and expense, in a form and content satisfactory to District, during the entire term of this Agreement including any extension thereof, the following policies of insurance:

4.1-01 <u>Workers' Compensation Insurance.</u> By signature hereunder, Consultant certifies that Consultant is aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and Consultant will comply with such provisions before commencing the performance or the work of this Agreement.

4.1-02 <u>Workers' Compensation and Employer's Liability Insurance.</u> The Consultant and all sub consultants shall cover or insure under the applicable laws relating to workers compensation insurance, each of their employees involved in any way in carrying out the work contemplated under this Agreement, all in accordance with the "Worker's Compensation and Insurance Act," Division IV of the Labor Code of the State of California and any Acts amendatory thereof. The Consultant shall provide employer's liability insurance in the amount of, at least, \$1,000,000 per accident for bodily injury and disease.

4.1-03 <u>Liability Insurance</u>. The Consultant shall provide and maintain at all times during the performance of this Agreement, the following commercial general liability insurance:

4.1-03.01 Coverage. Coverage shall be at least as broad as the following:

## Commercial General Liability Commercial General Liability coverage

(Occurrence Form CG 0001) in the amount of two million dollars (\$2,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (with the ISO CG 25 03 or insurer's equivalent endorsement provided to the District) or the general aggregate limit shall be twice the required occurrence limit.

<u>Professional Liability.</u> Professional Liability appropriate to the Consultant's profession covering Consultant's wrongful acts, negligent actions, errors or omission in the amount of one million dollars (\$1,000,000) per claim and annual aggregate.

4.1-03.02 <u>Required Provisions.</u> The policies specified in Section 4.1-03.01 is to state or be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days (10 days for nonpayment of premium) prior written notice by U.S. mail has been given to the District.

4.1-03.03 <u>Required Format.</u> All of the liability insurance shall be provided on policy forms satisfactory to the District. All insurance correspondence, notations, certificates, or other documents from the insurance carrier or agent/broker shall each separately reference the District project number.

4.1-03.04 <u>Deductibles and Self-Insured Retention</u>. Any deductible or self- insurance retention must be declared to and approved by the District. At the option of the District, the insurer shall reduce or eliminate such deductibles or self-insured retention.

4.1-03.05 <u>Acceptability of Insurers.</u> Insurance is to be placed with insurers having a current AM. Best's rating of no less than A-:VII or equivalent or as otherwise approved by the District.

4.1-03.06 Evidences and Cancellation of Insurance. Prior to execution of the Agreement, the Consultant shall file with the District evidence of insurance satisfactory to the District. The insurer will give by U.S. mail written notice to the District at least thirty (30) days prior to the effective date of any cancellation, except for nonpayment of premium for which ten (10) days prior written notice will be given. The Consultant shall, upon demand of the District, deliver to the District all such policy or policies of insurance and the receipts of payment of premiums thereon.

4.1-03.07 <u>Errors and Omissions/Professional Negligence</u>. Consultant shall procure and maintain errors and omissions insurance, or professional liability insurance, at all times this Agreement is in effect, covering the services to be provided hereunder in the amount of one million dollars per claim and annual aggregate.

4.1-03.08 <u>Sub-Consultants</u>. In the event that Consultant employs other consultants as part of the services covered by this Agreement, consistent with Section 3.3 above, it shall be the Consultant's responsibility to confirm that each sub-consultant meets the minimum insurance requirements specified above.

**4.2** <u>Indemnification</u>. To the fullest extent permitted by law, Consultant shall indemnify and hold harmless and defend the District, its directors, officers, employees, or designated volunteers, and each of them from and against:

4.2-01 Any and all third party tort claims, demands, lawsuits, or causes of action (the "Claims"), and the damages, costs, expenses, losses, or liabilities arising out of such Claims, in law or in equity, of every kind and nature whatsoever for, but not limited to, injury to or death of any person including District and/or Consultant, or any directors, officers, employees or designated volunteers of District or Consultant, and damages to or destruction of property of any person, including but not limited to, District and/or Consultant and their directors, officers, employees or designated volunteers, arising out of or in any manner directly or indirectly connected with the work to be performed under this Agreement, due to the Consultant's negligent acts, errors or omissions committed or alleged to have been committed, except in those cases where the District is liable.

4.2-02 Any and all actions, proceedings, damages, costs, expenses, penalties or liabilities, in law or equity, of every kind of nature whatsoever, arising out of, resulting from, or caused by the willful or negligent violation of any governmental law or regulation, compliance with which is the responsibility of Consultant, except in those cases where the District is liable.

4.2-03 Consultant shall defend, subject to the terms of 4.2 above, at its own cost, expense and risk, with Counsel of District's choice, any and all such aforesaid suits, actions or other legal proceedings of every kind that may be brought or instituted against District or District's directors, officers, employees or designated volunteers.

4.2-04 Consultant shall pay and satisfy any judgment, award or decree that may be rendered against District or its directors, officers, employees or designated volunteers, in any and all such aforesaid suits, actions or other legal proceeding.

4.2-05 Consultant shall reimburse District and its directors, officers, employees or designated volunteers, for any and all reasonable legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided.

4.2-06 Consultant's obligation to indemnify shall not be restricted to insurance

proceeds, if any, received by the District, or its directors, officers, employees or designated volunteers.

**4.3** <u>Laws Regulations and Permits.</u> The Consultant shall exercise all professional care to give all notices required by law and exercise the Standard of Care to comply with all laws, ordinances, rules and regulations pertaining to the conduct of the work. The Consultant shall be liable for all negligent or intentional violations of the law in connection with work furnished by the Consultant. If the Consultant negligently or intentionally performs any work contrary to such laws, ordinances, rules and regulations, the Consultant shall be ar all costs and penalties, civil or criminal, arising therefrom.

**4.4** <u>Safety</u>. The Consultant shall execute and maintain Consultant's work so as to avoid injury or damage to any person or property. In carrying out the work, the Consultant shall at all times, exercise all necessary precautions for the safety of its employees appropriate to the nature of the work and the conditions under which the work is to be performed, and be in compliance with all federal, state and locate statutory and regulatory requirements including State of California, Division of Industrial Safety (Cal/OSHA) regulations, and the U.S. Department of Transportation Omnibus Transportation Employee Testing Act (as applicable).

### 5.0 TERM OF AGREEMENT

**5.1** Term. This Agreement shall be effective from date of signature of both parties and shall continue in full force and effect until completion and approval of the work and services described hereunder, unless extended by mutual consent, or until otherwise terminated under Section 6.11 below. In no event, however, shall this contract extend beyond December 31, 2024, unless expressly extended by both parties in writing.

## 6.0 MISCELLANEOUS

**6.1** <u>Covenant Against Discrimination</u>. The Consultant covenants that, by and for itself, its heirs, executors, assigns and all persons claiming under or through it, that there shall be no discrimination against, or segregation of, any person or group of persons on account of race, color, creed, religion, sex, marital status, national origin, or ancestry in the performance of this Agreement.

**6.2** <u>Non-liability of District Officers and Employees.</u> No officer or employee of the District shall be personally liable to Consultant, or a successor in interest, in the event of any default or breach by the District or for any amount that may become due to the Consultant or to its successor, or for breach of any obligation of the terms of this Agreement.

**6.3** <u>Conflict of Interest.</u> No director, officer, agent, employee or designated volunteer of the District shall have any financial interest, direct or indirect, in this Agreement, nor shall any such person participate in any decision relating to the Agreement which affects his or her financial interest or the financial interest of any corporation, partnership or association in which he or she is, directly or indirectly, interested, in violation of any State statute or

regulation. The Consultant warrants that it has not paid or given and will not pay or give, any third party any money or other consideration for obtaining this Agreement.

**6.4** <u>Notice.</u> Any notice, demand, request, document, consent, approval, or communication either party desires or is required to give to the other party or any other person shall be in writing and either served personally or sent by prepaid, first-class mail, in the case of the District, to the General Manager and to the attention of the General Manager, San Bernardino Valley Water Conservation District, 1630 W. Redlands Boulevard, Suite A, Redlands, CA 92373-0581, and in the case of the Consultant, to the person at the address designated on the execution page of this Agreement.

**6.5** <u>Interpretation</u>. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of this Agreement.

**6.6** <u>Integration: Amendment.</u> It is understood that there are no oral agreements between the parties hereto affecting this Agreement and this Agreement supersedes and cancels any and all previous negotiations, arrangements, agreements, and understandings, if any, between the parties and none shall be used to interpret this Agreement. This Agreement may be amended at any time only by the mutual consent of the parties and only by an instrument in writing.

**6.7** <u>Severability</u>. In the event that part of this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or inability to enforce shall not affect any of the remaining portions of this Agreement, which are hereby declared as severable and shall be interpreted to carry out the intent of the parties hereunder unless the invalid provision is so material that its invalidity deprives either party of the basic benefit of their bargain or renders this Agreement meaningless.

**6.8** <u>Waiver</u>. No delay or omission in the exercise of any right or remedy by a nondefaulting party on any default shall impair such right or remedy or be construed as a waiver. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

**6.9** <u>Attorney's Fees</u>. If either party to this Agreement is required to initiate or defend or is made a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorney's fees, whether or not the matter proceeds to judgment.

**6.10** <u>Ownership of Work.</u> All work performed by the Consultant hereunder shall be the exclusive property of the District, and shall be kept confidential by the Consultant unless otherwise directed by the District. The Consultant shall provide to the District all notes,

maps, schedules, graphs, worksheets, reports, computer databases and programs, or any other analysis or analytical tools created or produced by the Consultant in connection with its work performed hereunder ("Work"), no later than the time of the completion of the Consultant's Work or earlier termination of this Agreement under Section 6. 11 below. The Consultant shall not disclose or utilize its Work under this Contract in any other assignment or for any other purpose, or otherwise disclose or utilize such Work, without the prior written consent of the District, which consent shall not be unreasonably withheld.

**6.11** <u>Termination</u>. This Agreement may be terminated by either party giving 30 days' notice in writing to the other party and sent by registered mail to the principal place of business that such notice is addressed. The right, duties, and responsibilities of the parties shall continue in full force during the period of this 30-day notice. After the expiration of the 30-day interval following notice, no rights or liabilities shall arise out of this relationship, regardless of expenses which may have been incurred, except that the indemnification provisions of Section 4.2 above shall survive termination, and any task undertaken by Consultant on written District authorization, and still uncompleted at the expiration of the notice period, shall be carried to completion by Consultant and paid for by District at rates provided hereunder, unless mutually agreed in writing to the contrary, in accordance with the provisions herein.

**6.12** <u>Mediation.</u> In the event of disagreement as to termination procedures, the Consultant and District shall meet and confer to resolve the issue. If the meet and confer process fails to resolve any controversy or claim arising out of or related to work performed under this Agreement, within 10 business days after written notice by one party to the other identifying the nature of the dispute and requesting a meet and confer conference, such claim or controversy shall be submitted to non-binding mediation unless the parties mutually agree otherwise. The submission to non- binding mediation shall be upon such terms, conditions, and procedures as the parties might mutually agree, and shall not preclude the initiation or exercise of any other remedy, legal, equitable, or otherwise, available to any party. The mediation proceedings shall take place in San Bernardino County, California.

**6.13** <u>Corporate Authority.</u> The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound.

**IN WITNESS WHEREOF,** the parties have executed and entered into this Agreement and by signature below:

## SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT

\_\_\_\_\_

By: \_\_\_\_\_ Betsy Miller, General Manager

Date: \_\_\_\_\_

CONSULTANT

\_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_

Address: Phone:

Date:

## <u>Attachment 1</u> <u>Scope of Services</u>

## <u>Attachment 2</u> <u>Schedule of Rates</u>