

Department of Public Works
Engineering Division

May 30, 2025

**CITY OF BERKELEY
FY 2025 DRAINAGE IMPROVEMENTS PROJECT
SPECIFICATION NOS. 23-11561-C AND 25-11677-C
ADDENDUM NO. 1**

Dear Bidder:

The City of Berkeley has received questions from potential bidders regarding Specification Nos. 23-11561-C and 25-11677-C, FY 2025 Drainage Improvements Project. In an effort to provide the same information to all potential bidders, the questions are included below, along with a response from City staff.

The following clarifications are hereby made to the subject documents:

- Question:** For the Plans titled, "Wildcat Canyon Road Culvert Improvements, Specification No. 23-11561-C", bid item A-12 is listed as "Tree Removal 12-Inch Diameter," but the plans only indicate a stump. For bid item A-13, "Tree Removal 24-Inch Diameter," no tree is shown on the plans. Can you please clarify the scope of the tree work?

Answer: No tree removal work is shown on the plans. Bid items for tree removal have been included in the event that, in the opinion of the Arborist, removal of a tree is necessary for the execution of the work. Tree removal items on Bid Schedule A have been revised to be revocable. Stump removal, where shown on Plans along proposed pipe alignments, shall be considered as included in the respective pipe installation bid item(s). Bid description for pipe installation items have been updated to include stump removal where shown on plans.

The City of Berkeley has revised the Plans for Schedule A - Wildcat Canyon Road Culvert Improvements, Specification No. 23-11561-C. The following Sheets in the Contract Plans have revisions and are included as Attachment #1 of this Addendum:

- Contract Plans; Wildcat Canyon Road Culvert Improvements, Specification No. 23-11561-C**

The following Sheets in the Plans have revisions:

Plan Sheet Title	Plan Sheet Number	Notes
C2.0 Plan and Profile SW1	Sheet 5 of 35	Revision #1 May 29, 2025
C2.1 Plan and Profile SW2	Sheet 6 of 35	Revision #1 May 29, 2025
C2.2 Plan and Profile SW3	Sheet 7 of 35	Revision #1 May 29, 2025
C2.4 Plan and Profile SW5	Sheet 9 of 35	Revision #1 May 29, 2025
C2.9 Plan and Profile SW10	Sheet 14 of 35	Revision #1 May 29, 2025
C2.16 Plan and Profile SW17	Sheet 21 of 35	Revision #1 May 29, 2025
C2.17 Plan and Profile SW18	Sheet 22 of 35	Revision #1 May 29, 2025

Plan Sheet Title	Plan Sheet Number	Notes
C2.18 Plan and Profile SW19	Sheet 23 of 35	Revision #1 May 29, 2025
C2.19 Plan and Profile SW20	Sheet 24 of 35	Revision #1 May 29, 2025
C2.21 Plan and Profile SW23	Sheet 26 of 35	Revision #1 May 29, 2025
C3.0 Plan and Profile SW10	Sheet 28 of 35	Revision #1 May 29, 2025
C3.1 Plan and Profile SW17	Sheet 29 of 35	Revision #1 May 29, 2025
C4.0 Details	Sheet 30 of 35	Revision #1 May 29, 2025

The City of Berkeley has revised the Technical Specifications for Schedule A - Wildcat Canyon Road Culvert Improvements, Specification No. 23-11561-C. The following items in the Contract Specifications have revisions:

The following amendments are hereby made to the subject documents:

1. **Specifications:** Bidders Proposal, Bid Schedule A - Pages 8-10

Bid quantities for various bid items have been updated.

REPLACE with attached revised Bid Schedule A - Bidder’s Proposal (Attachment 1)

2. **Specifications:** Part C, Technical Provisions – Bid Item No. A-12 Tree Removal 12-inch Diameter and Bid Item No. A-13 Tree Removal 24-inch Diameter

Add text “(Revocable)” at end of bid item names

3. **Specifications:** Part C, Technical Provisions – HDPE Storm Drain Pipe Bid Items A-23 to A-25

Tree stump removal or grinding, where indicated on the plans shall be included in the corresponding HDPE storm drain bid items.

Add text “The Contractor shall remove or grind tree stumps identified on the plans for removal” at the end of first paragraph in Execution section of technical specs.

Add Tree Stump Removal specifications included as Attachment 2 of this addendum to end of Execution section of technical specifications.

Add text “tree stump removal,” after text “...trenching, excavation,” in Measurement and Payment paragraph.

4. **Specifications:** Part C, Technical Provisions – Bid Item No. A-55

Bid item name has been revised and the measurement and payment provisions has been updated.

RENAME Bid Item A-55 as “Slide Repair – Caltrans RSP”.

REPLACE measurement and payment paragraph for “Slide Repair - Class 3 RSP w/Class I RSP and ¾-inch Drain Rock” as shown in Attachment 3.

FY 2025 Drainage Improvements Project
Specification Nos. 23-11561-C & 25-11677-C
Addendum No. 1
May 30, 2025

The Bid Opening time and date remains at 2:00 PM, Tuesday, June 3, 2025. All other provisions of the contract documents shall remain the same. **Bidders shall submit a signed acknowledgment of Addendum No. 1 along with their Bidder's Proposal. Failure to do so may result in bid rejection.**

Sincerely,



Ricardo Salcedo
Acting Supervising Civil Engineer

BIDDER'S ACKNOWLEDGEMENT:

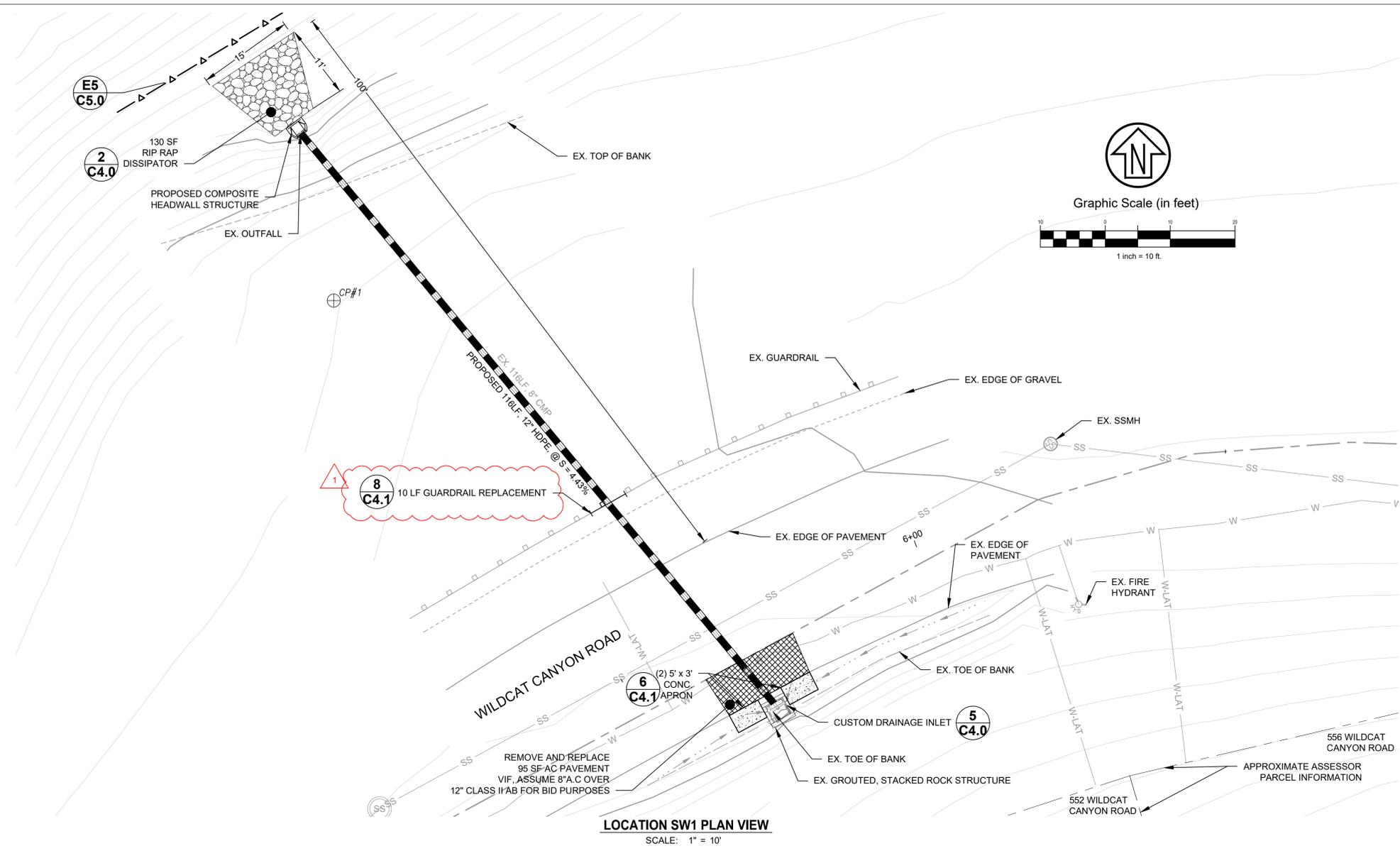
Name of Company: _____

Address, City, State, Zip: _____

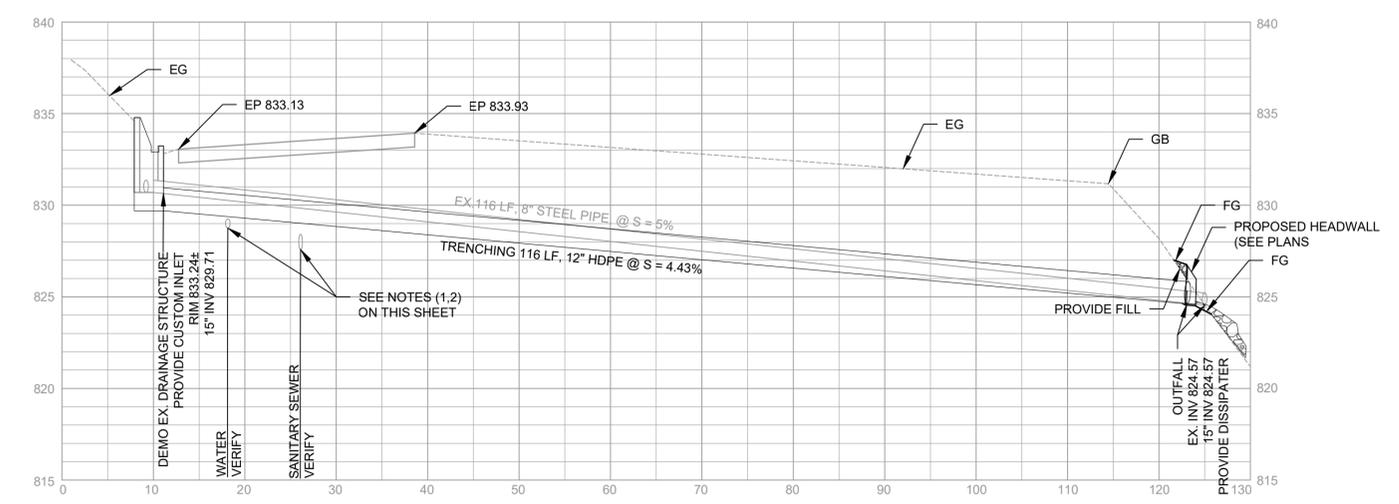
Signature: _____ Title: _____

Print Name: _____ Date: _____

- Attachment(s):
- Revised Plan Sheets: Wildcat Canyon Road Culvert Improvements, Spec No. 23-11561-C
 - Attachment 1: Revised Schedule A - Bidders Proposal – Pages 8-10
 - Attachment 2: Part C Technical Provisions – Bid Item Nos. A-23 to A-25 – Tree Stump Removal specifications
 - Attachment 3: Part C Technical Provisions – Bid Item No. A-55 – Revised Measurement and Payment Section.



LOCATION SW1 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW1 PROFILE VIEW
SCALE: HOR. 1" = 10' VERT. 1" = 5'

- NOTES:**
- LOCATION OF EXISTING UTILITIES SHOWN WITHIN THESE PLANS IS DIAGRAMMATIC AND BASED UPON SCHEMATICALLY DEPICTED UTILITY RECORDS. ACTUAL LOCATION OF UTILITIES MAY VARY FROM THAT SHOWN ON THESE PLANS. ADDITIONALLY, UTILITIES MAY EXIST WHICH ARE NOT SHOWN IN THESE PLANS.
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 - STRIPING MUST BE REPLACED IN KIND



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PROJECT MANAGER: _____ DATE: _____
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 WATERSHED REVIEW: _____ DATE: _____

SUBMITTED: _____ DATE: _____
 REGISTR. EXP. _____
 SUPERVISING ENGINEER: _____
 APPROVED: _____ DATE: _____
 R.C.E. EXP. _____
 CITY ENGINEER: _____

DESIGN: KNP
 DRAWN: CMC/JVT
 CHECK: JAH
 AS BUILT: _____
 DATE: 05/29/25

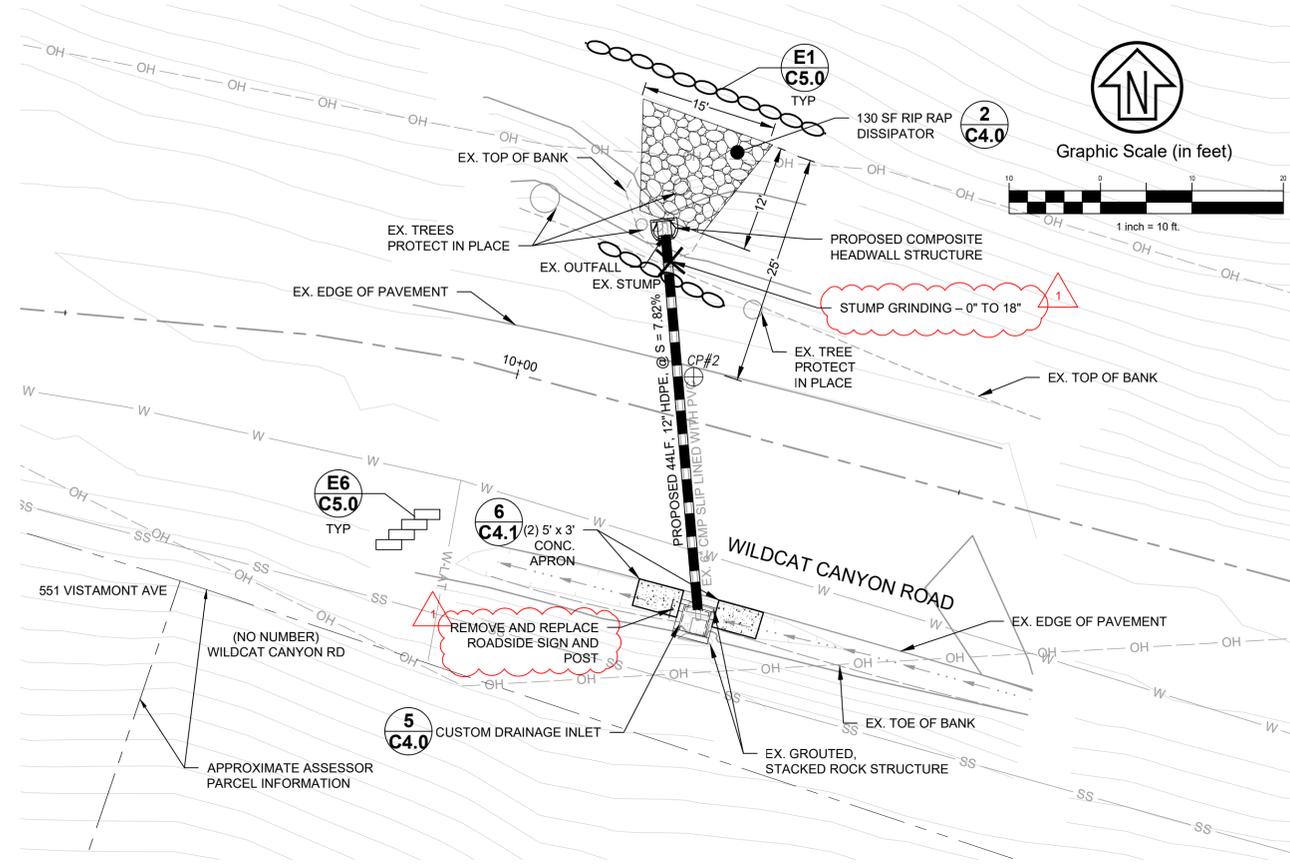
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 BOOK _____
 DATE: 05/29/25

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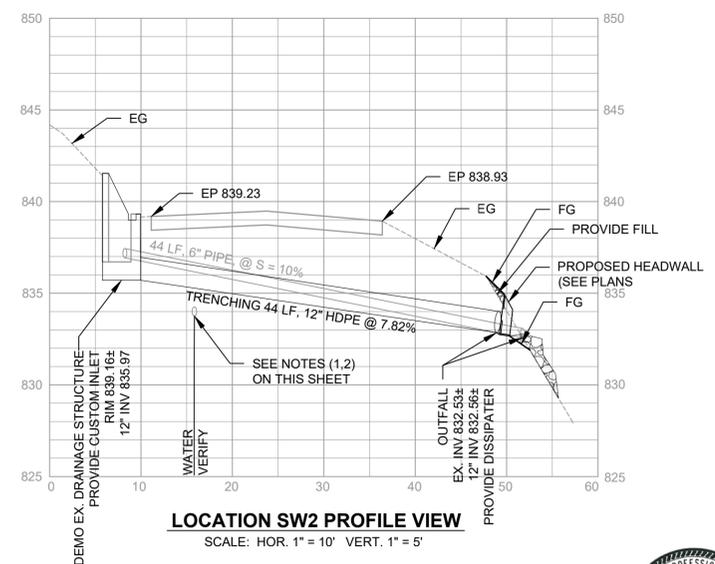
WILDCAT CANYON ROAD
 DRAINAGE ENHANCEMENTS
 PLAN AND PROFILE

PLAN 8279
 FILE 502-718
 C2.0
 SHEET 9 OF 35

ADDENDUM#	BID SET	95% SUBMITTAL	65% SUBMITTAL	DESCRIPTION	APPROVAL
05-29-25	09-28-23	07-27-23	10-27-22	DATE	
				MARK	
				REVISION	



LOCATION SW2 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW2 PROFILE VIEW
SCALE: HOR. 1" = 10' VERT. 1" = 5'

NOTES:

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- CONTRACTOR SHALL REMOVE ALL DEBRIS FROM VICINITY OF INLET AND INSIDE STORM DRAIN, AND VERIFY INLET AND STORM DRAIN CONDITIONS WITH CITY ENGINEER PRIOR TO CONSTRUCTION.
- STRIPING MUST BE REPLACED IN KIND.

NOTE:
ALL WORK ON THIS SHEET (LOCATION SW2) IS REVOCABLE FOR BIDDING PURPOSES.



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SUBMITTED: _____ DATE: _____
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 APPROVED: _____ DATE: _____
 CITY ENGINEER: _____ EXP. _____

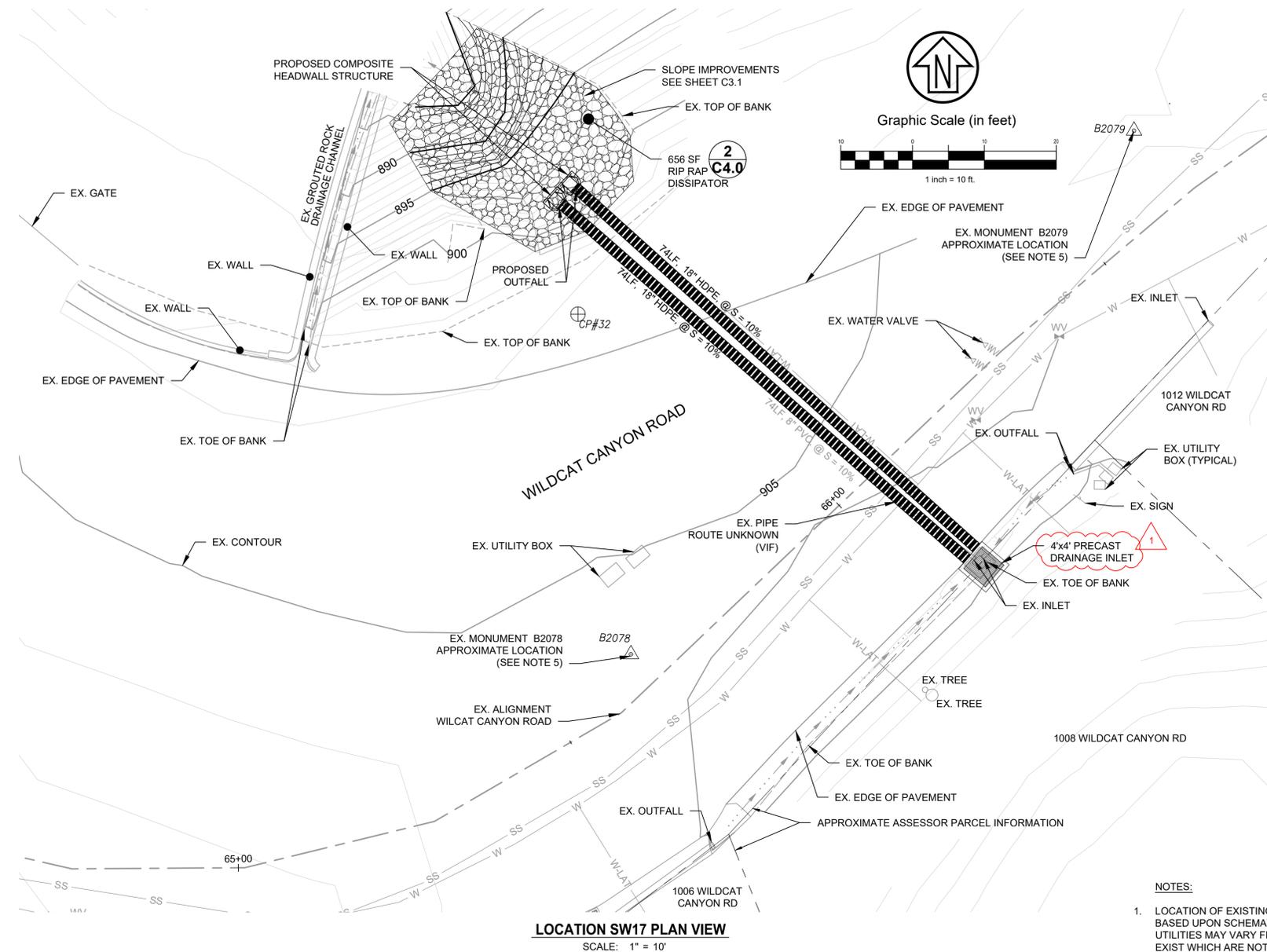
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 DATE: 05/29/25

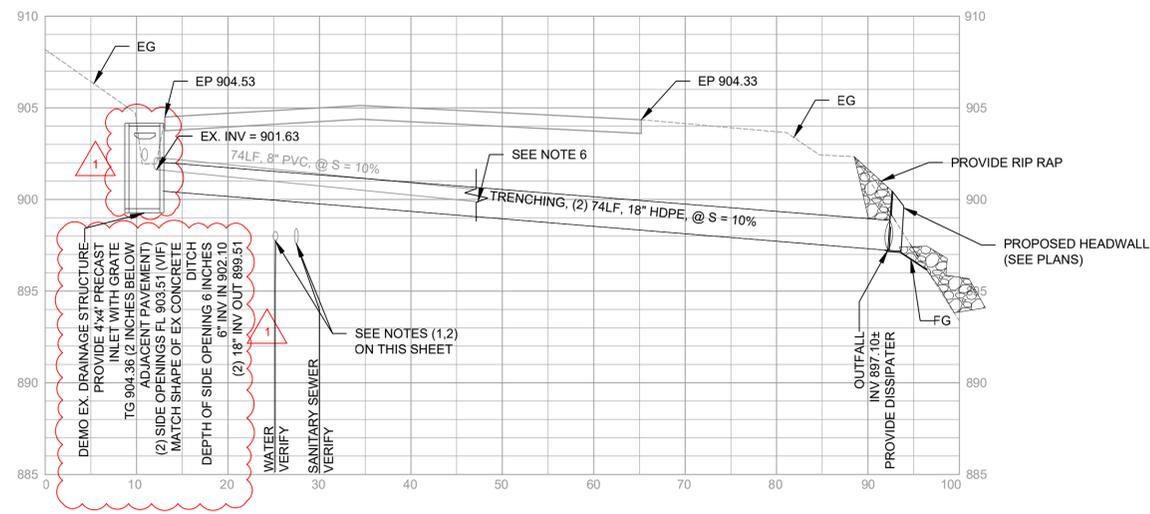
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WILDCAT CANYON ROAD DRAINAGE ENHANCEMENTS PLAN AND PROFILE

ADDENDUM#1	05-29-25	APPROVAL
BID SET	09-28-23	
95% SUBMITTAL	07-27-23	
65% SUBMITTAL	10-27-22	
DESCRIPTION	DATE	MARK
REVISION		
PLAN 8279		
FILE 502-718		
C2.1		
SHEET 6 OF 35		



LOCATION SW17 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW17 PROFILE VIEW
SCALE: HOR. 1" = 10' VERT. 1" = 5'

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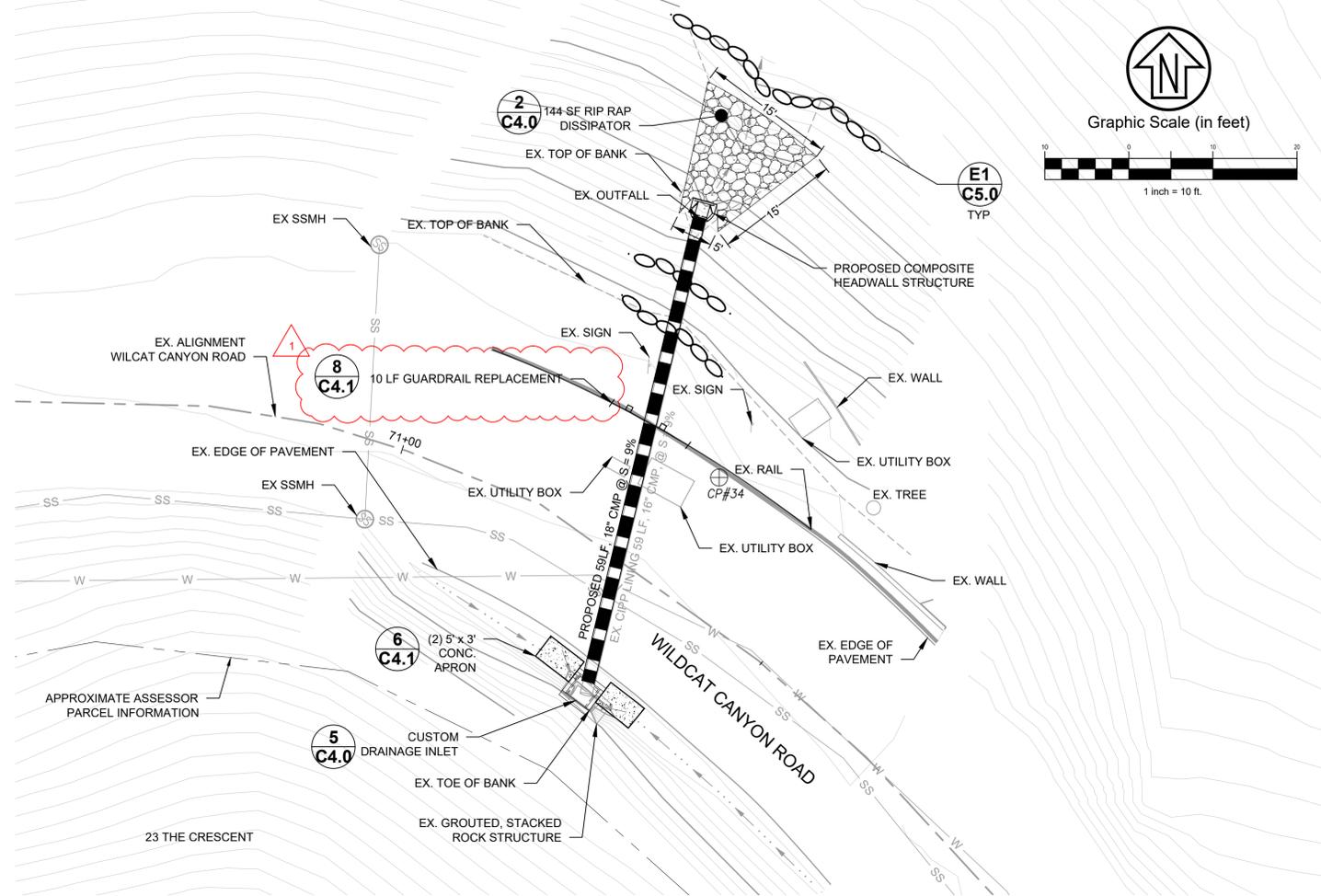
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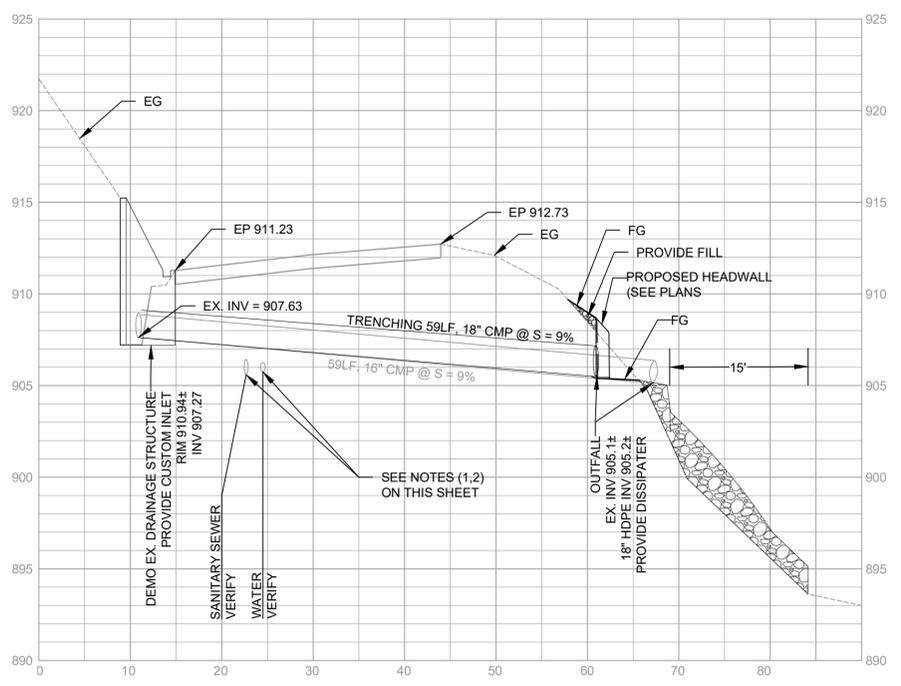
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				REVISION	MARK
				DATE	

PLAN 8279
 FILE 502-718
 C2.16
 SHEET 21 OF 35



LOCATION SW18 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW18 PROFILE VIEW
SCALE: HOR. 1" = 10' VERT. 1" = 5'

NOTES:

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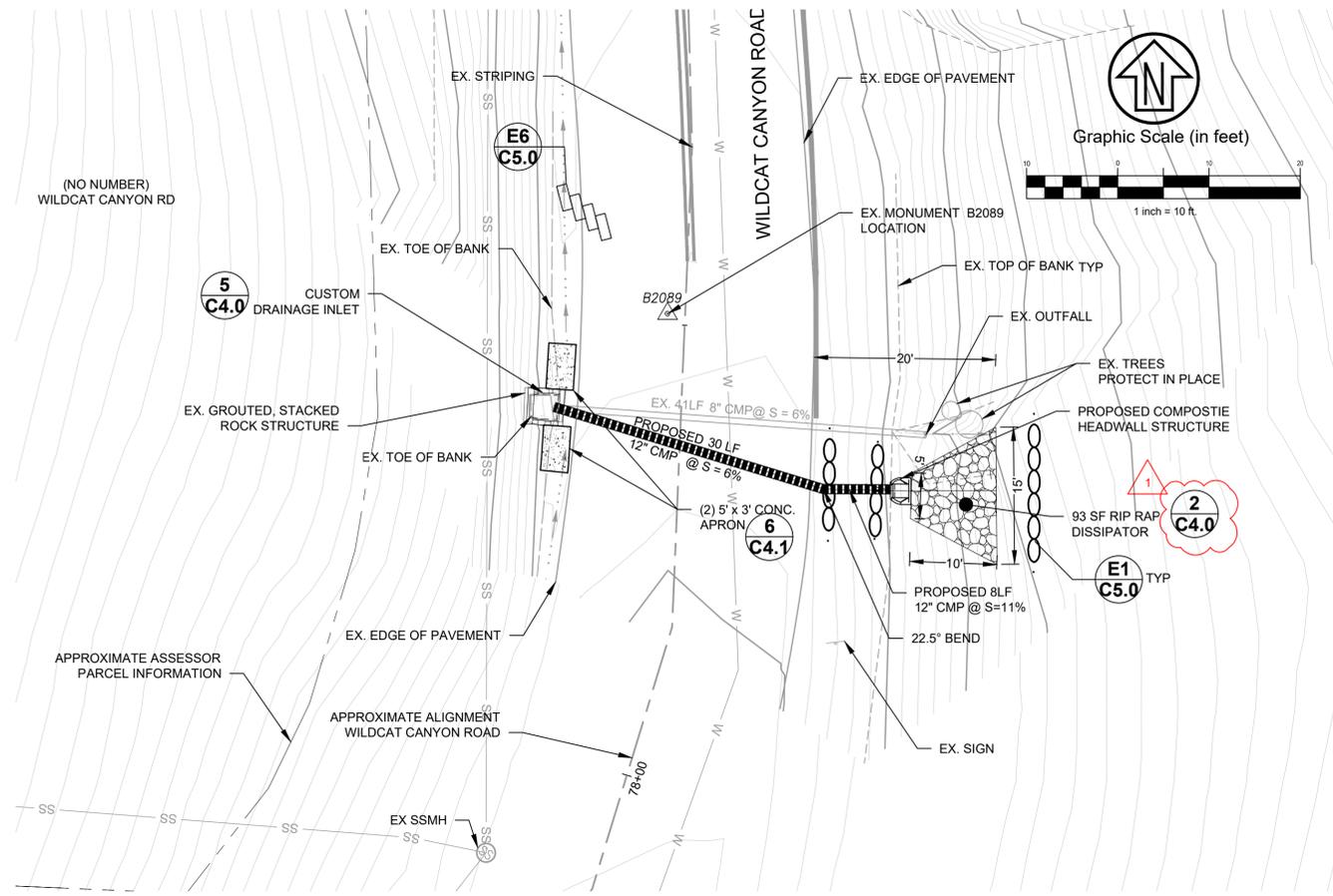
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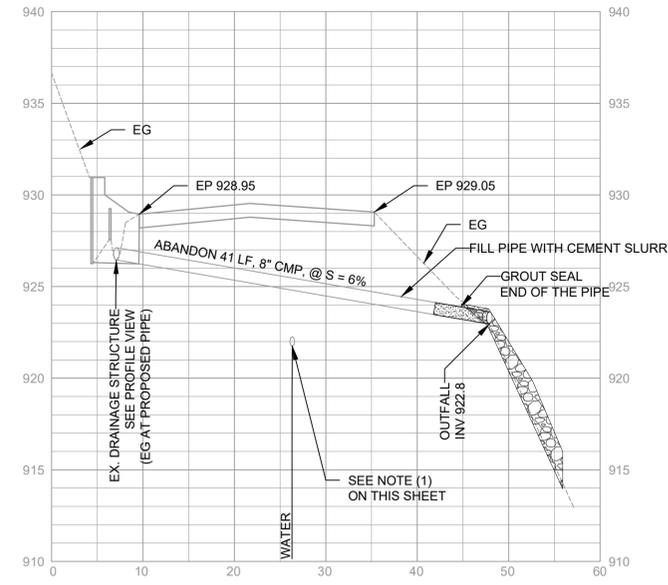
WILDCAT CANYON ROAD
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PLAN	8279
FILE	502-718
	C2.17
SHEET	22 OF 35

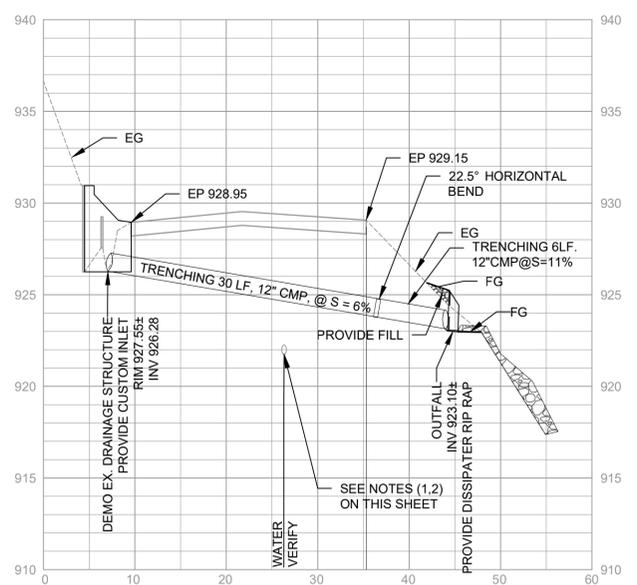
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LOCATION SW19 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW19 PROFILE VIEW (EG AT EXISTING PIPE)
SCALE: HOR. 1" = 10' VERT. 1" = 5'



LOCATION SW19 PROFILE VIEW (EG AT PROPOSED PIPE)
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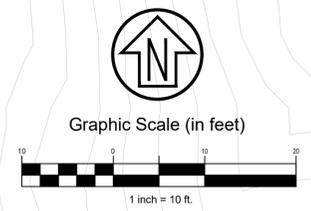
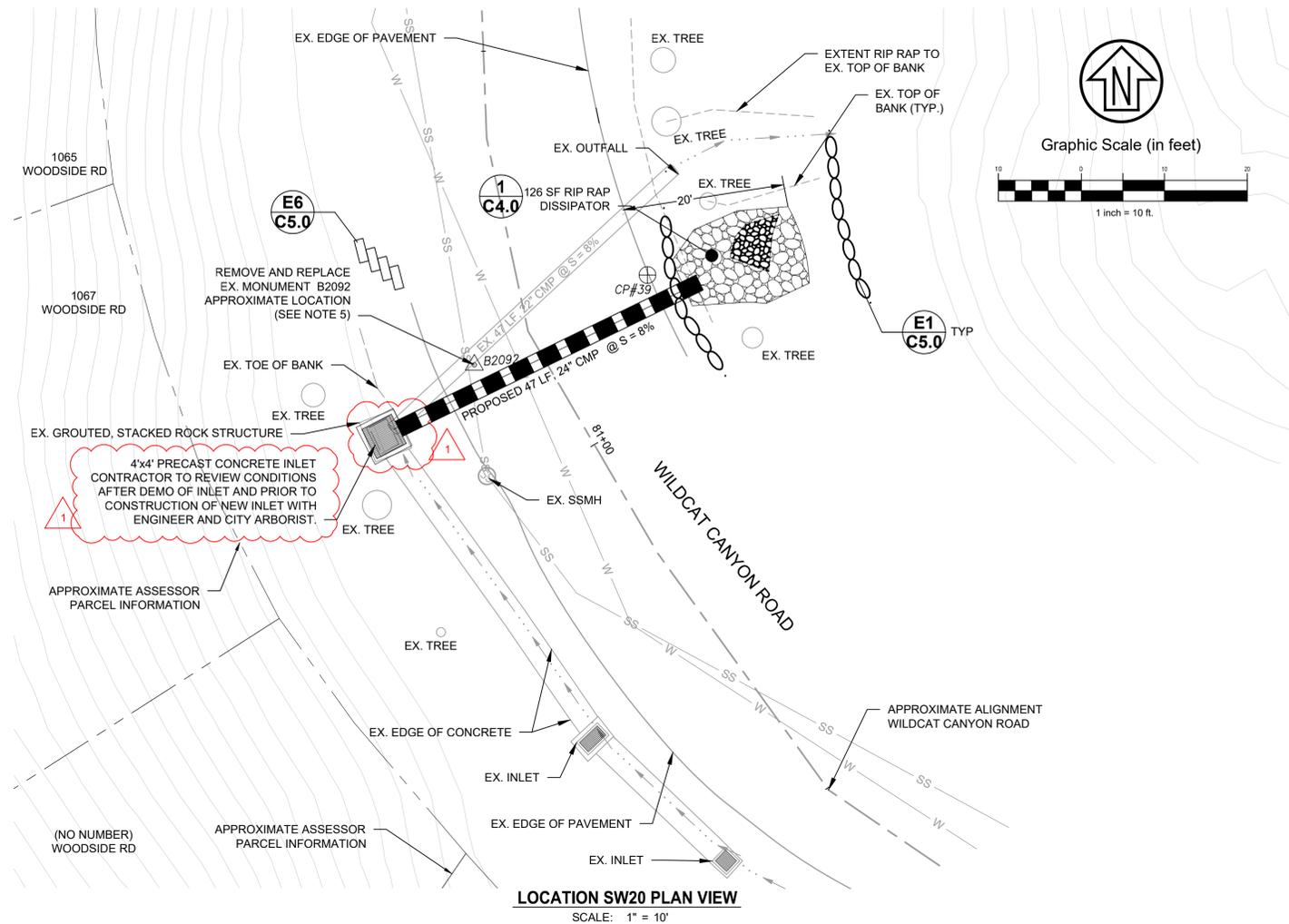
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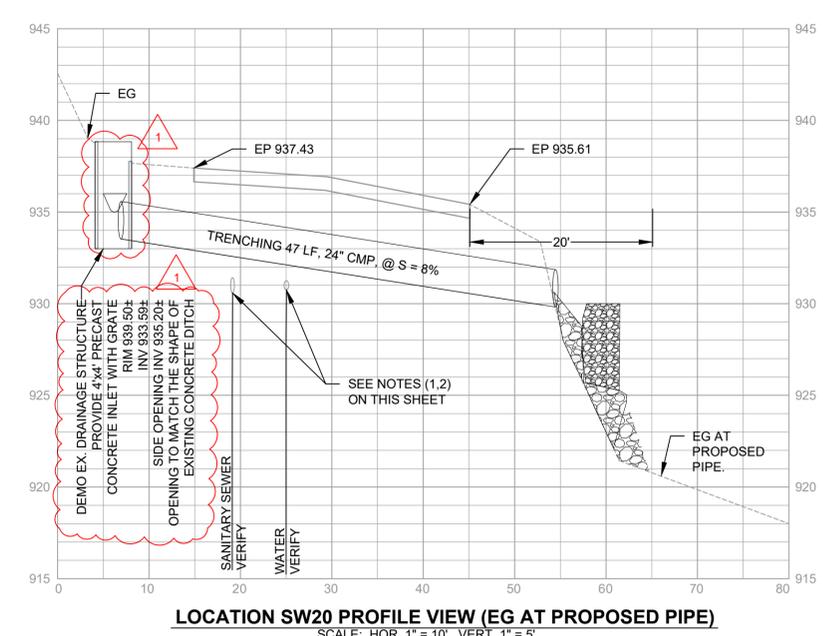
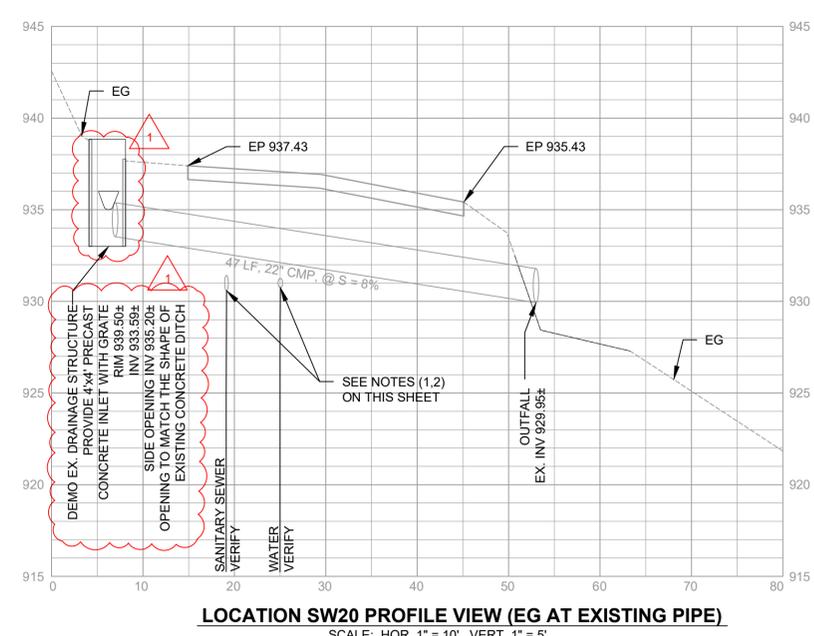
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**WILDCAT CANYON ROAD
 DRAINAGE ENHANCEMENTS
 PLAN AND PROFILE**

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PROJECT MANAGER: _____ DATE _____
 SURVEY CHIEF OF PARTY _____ DATE _____
 WATERSHED REVIEW: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____
 SUBMITTED: _____ DATE _____
 SUPERVISING ENGINEER: _____ EXP. _____
 APPROVED: _____ DATE _____
 CITY ENGINEER: _____ EXP. _____

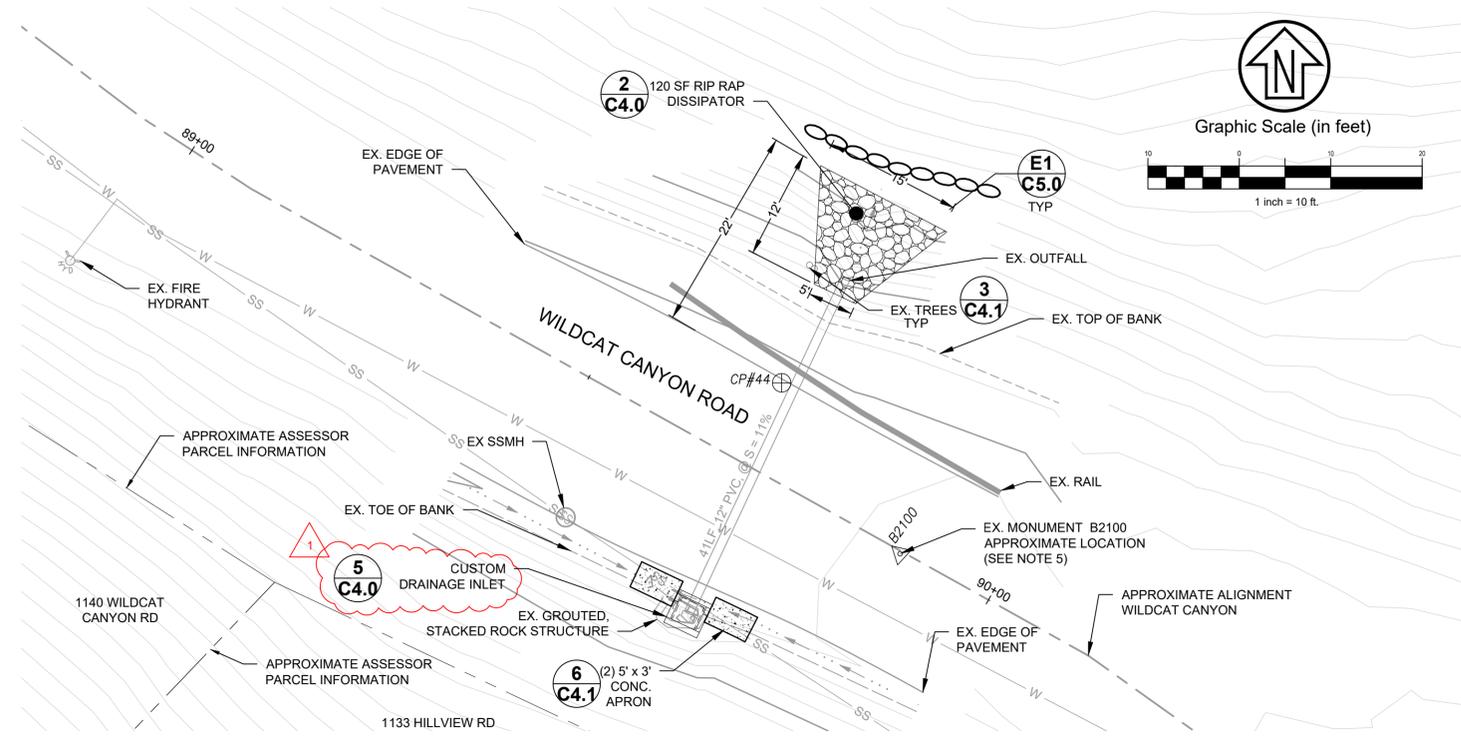
DESIGN: KNP
 DRAWN: CMC/JVT
 CHECK: JAH
 AS BUILT: _____
 HORIZ.: _____
 VERT.: _____
 BOOK: _____
 DATE: 05/29/25

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

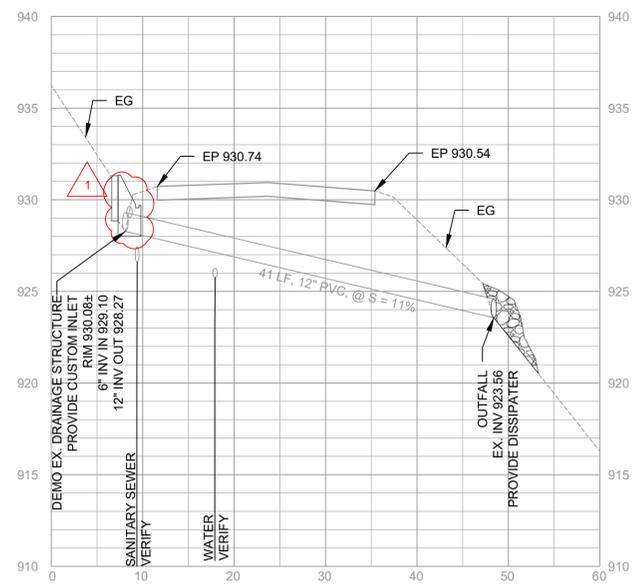
WILDCAT CANYON ROAD
 DRAINAGE ENHANCEMENTS
 PLAN AND PROFILE

PLAN 8279
 FILE 502-718
 C2.19
 SHEET 24 OF 35

ADDENDUM#	BID SET	95% SUBMITTAL	65% SUBMITTAL	DESCRIPTION	APPROVAL
05-29-25	09-28-23	07-27-23	10-27-22	DATE	MARK
				REVISION	



LOCATION SW23 PLAN VIEW
SCALE: 1" = 10'



LOCATION SW23 PROFILE VIEW
SCALE: HOR. 1" = 10' VERT. 1" = 5'

NOTES:

- LOCATION OF EXISTING UTILITIES SHOWN WITHIN THESE PLANS IS DIAGRAMMATIC AND BASED UPON SCHEMATICALLY DEPICTED UTILITY RECORDS. ACTUAL LOCATION OF UTILITIES MAY VARY FROM THAT SHOWN ON THESE PLANS. ADDITIONALLY, UTILITIES MAY EXIST WHICH ARE NOT SHOWN IN THESE PLANS.
- CONTRACTOR SHALL POTHOLE TO CONFIRM LOCATION OF EXISTING UTILITIES AND PROVIDE RECORD OF POTHOLE RESULTS TO ENGINEER PRIOR TO CONSTRUCTION. AT A MINIMUM, RECORD TO INCLUDE HORIZONTAL LOCATION MEASURABLE FROM TWO SURVEYED OBJECTS IN PLANS, AND DEPTH FROM PAVEMENT SURFACE TO TOP OF EXPOSED UTILITY. MINIMUM 1' OF HORIZONTAL AND VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN PROPOSED STORM DRAIN AND OTHER UTILITIES. IF 1' CLEARANCE CANNOT BE MAINTAINED, NOTIFY ENGINEER IMMEDIATELY.
- EROSION AND SEDIMENT CONTROL AND POLLUTION PREVENTION MEASURES SHALL BE EXERCISED CONTINUOUSLY THROUGHOUT THE COURSE OF CONSTRUCTION. SEE SHEET G0.1 FOR NOTES RELATED TO POLLUTION PREVENTION. POLLUTION CONTROL BEST MANAGEMENT PRACTICE (BMP) SYMBOLS SHOWN HEREON ARE DIAGRAMMATIC. ONLY THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING BMP'S TO SUIT CONDITIONS OF THE SITE AND TO PREVENT POLLUTION TO THE MAXIMUM EXTENT PRACTICABLE AND TO BE PREPARED IN CASE OF EMERGENCIES
- STRIPING MUST BE REPLACED IN KIND.
- LOCATION OF EXISTING MONUMENT IS SCHEMATICALLY SHOWN AND NOT THE RESULT OF BEING FOUND DURING A FIELD TOPOGRAPHIC SURVEY. VERIFY ACTUAL LOCATION OF MONUMENT PRIOR TO CONSTRUCTION.



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PROJECT MANAGER: _____ DATE _____
 DEPICTION OF MONUMENTS: _____ DATE _____
 SURVEY CHIEF OF PARTY: _____
 WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
 SUPERVISING ENGINEER: _____
 APPROVED: _____ DATE _____
 CITY ENGINEER: _____

DESIGN: KNP
 DRAWN: CMC/JVT
 CHECK: JAH
 AS BUILT: _____
 HORIZ.: _____
 VERT.: _____
 BOOK: _____
 DATE: 05/29/25

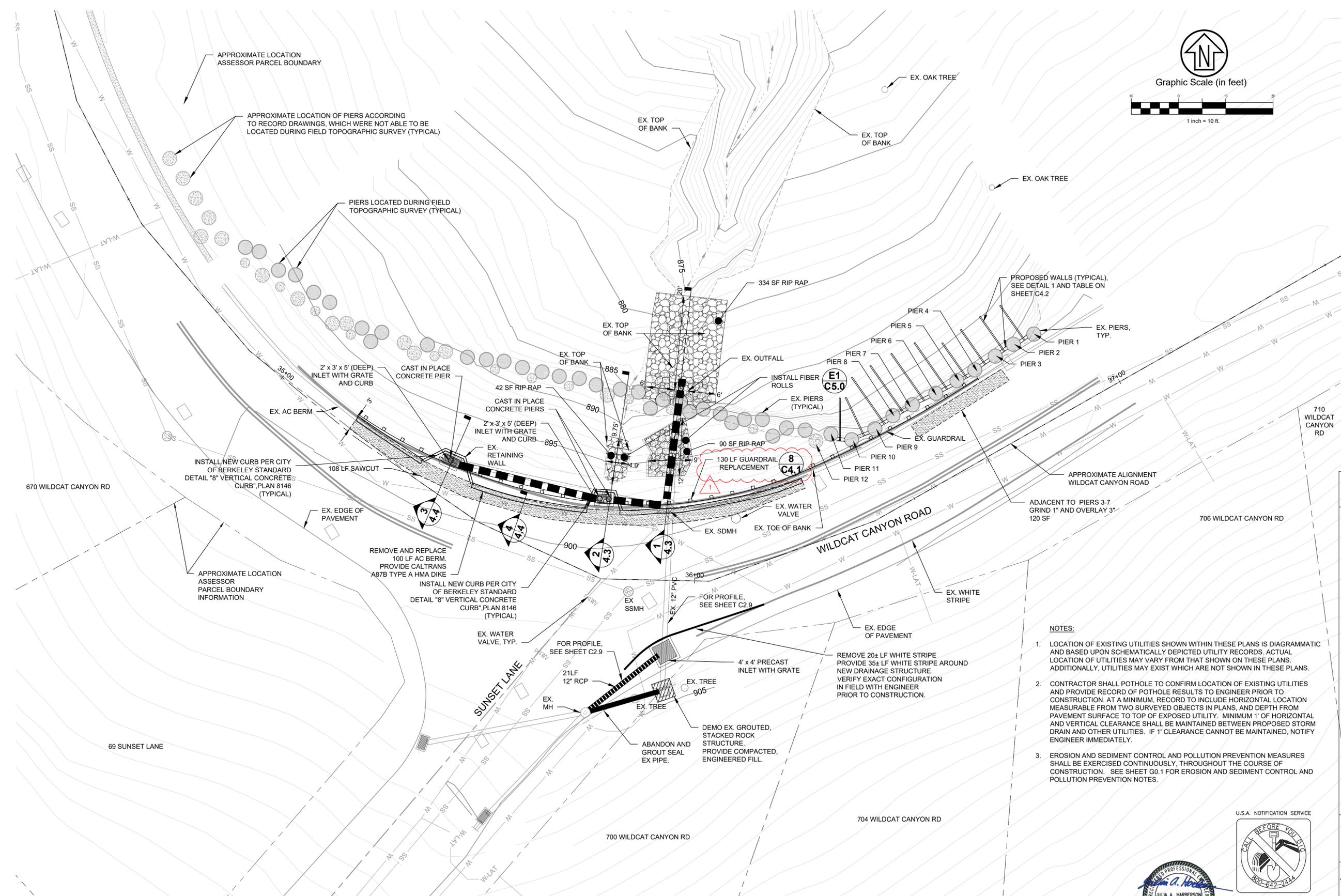
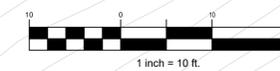
CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

**WILDCAT CANYON ROAD
 DRAINAGE ENHANCEMENTS
 PLAN AND PROFILE**

ADDENDUM#	BID SET	95% SUBMITTAL	65% SUBMITTAL	DESCRIPTION	APPROVAL
05-29-25	09-28-23	07-27-23	10-27-22	DATE	
				MARK	
				REVISION	



Graphic Scale (in feet)



- NOTES:**
1. LOCATION OF EXISTING UTILITIES SHOWN WITHIN THESE PLANS IS DIAGRAMMATIC AND BASED UPON SCHEMATICALLY DEPICTED UTILITY RECORDS. ACTUAL LOCATION OF UTILITIES MAY VARY FROM THAT SHOWN ON THESE PLANS. ADDITIONALLY, UTILITIES MAY EXIST WHICH ARE NOT SHOWN IN THESE PLANS.
 2. CONTRACTOR SHALL POTHOLE TO CONFIRM LOCATION OF EXISTING UTILITIES AND PROVIDE RECORD OF POTHOLE RESULTS TO ENGINEER PRIOR TO CONSTRUCTION. AT A MINIMUM, RECORD TO INCLUDE HORIZONTAL LOCATION MEASURABLE FROM TWO SURVEYED OBJECTS IN PLANS, AND DEPTH FROM PAVEMENT SURFACE TO TOP OF EXPOSED UTILITY. MINIMUM 1' OF HORIZONTAL AND VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN PROPOSED STORM DRAIN AND OTHER UTILITIES. IF 1' CLEARANCE CANNOT BE MAINTAINED, NOTIFY ENGINEER IMMEDIATELY.
 3. EROSION AND SEDIMENT CONTROL AND POLLUTION PREVENTION MEASURES SHALL BE EXERCISED CONTINUOUSLY, THROUGHOUT THE COURSE OF CONSTRUCTION. SEE SHEET G0.1 FOR EROSION AND SEDIMENT CONTROL AND POLLUTION PREVENTION NOTES.

LOCATION SW10 PLAN VIEW
SCALE: 1" = 10'

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PROJECT MANAGER:	DATE
DEPICTION OF MONUMENTS:	DATE
SURVEY CHIEF OF PARTY:	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER:	REGISTR. EXP.
APPROVED:	DATE
CITY ENGINEER:	R.C.E. EXP.

DESIGN	KNP	HORIZ.	
DRAWN	CMC/JVT	VERT.	
CHECK	JAH	BOOK	
AS BUILT		DATE	05/29/25

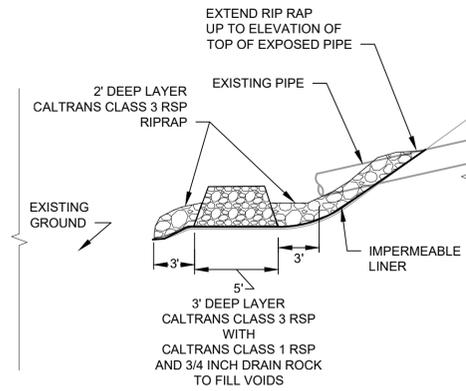
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

WILDCAT CANYON ROAD DRAINAGE ENHANCEMENTS GRADING AND DRAINAGE

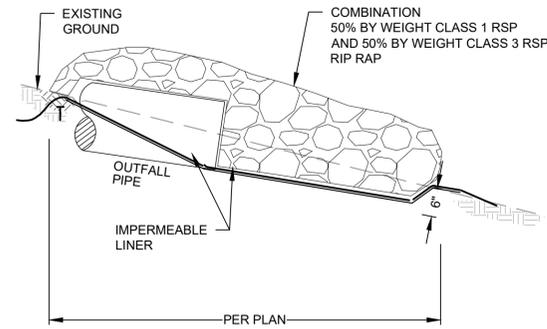


REVISION	MARK	DATE	DESCRIPTION	APPROVAL
05-29-25			ADDENDUM#1	
09-28-23			BID SET	
07-27-23			95% SUBMITTAL	
10-27-22			65% SUBMITTAL	

PLAN 8279
FILE 502-718
C3.0
SHEET 28 OF 35



1 **DETAIL: OUTFALL DISSIPATOR**
SCALE: N.T.S.



2 **DETAIL: RIP RAP DISSIPATOR**
SCALE: N.T.S.

NOT USED

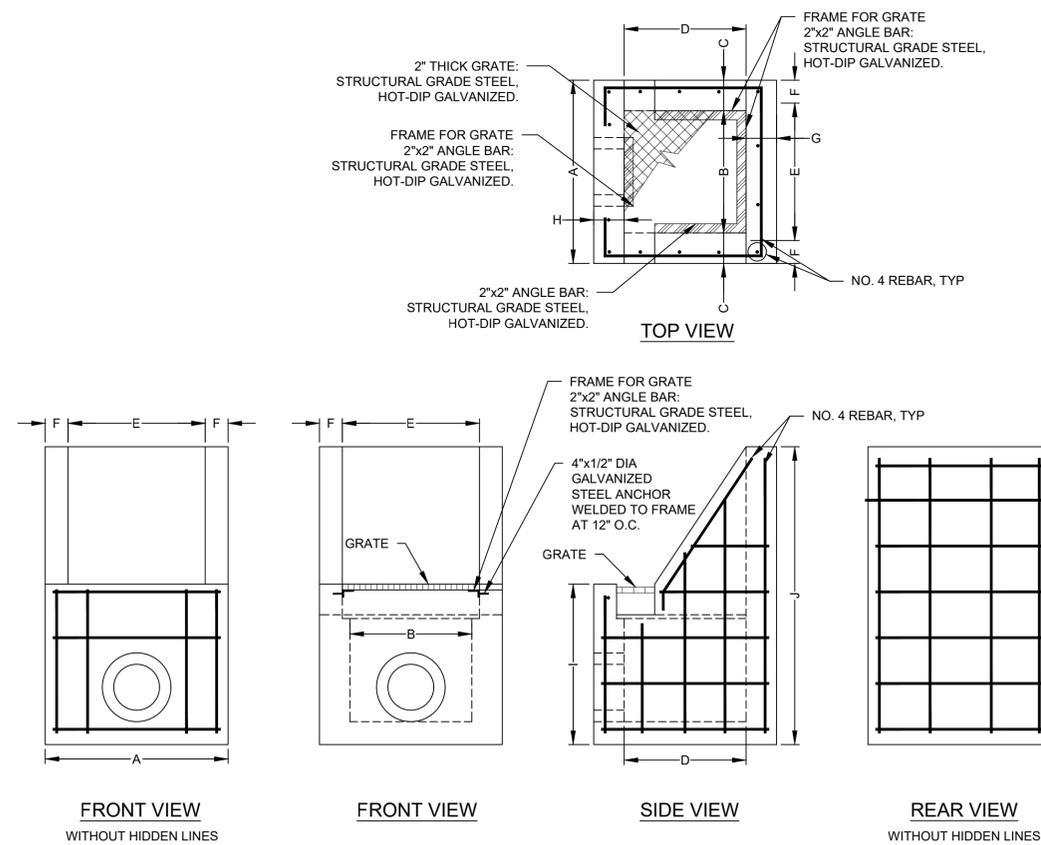
NOT USED

3 **DETAIL**
SCALE: N.T.S.

4 **DETAIL**
SCALE: N.T.S.

SCHEDULE OF DIMENSIONS BY INLET STRUCTURE

INLET STRUCTURE	A	B	C	D	E	F	G	H	I	J
SW1	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	4.44'	6.07'
SW2	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.36'	5.50'
SW3	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.95'	6.86'
SW4	DETAIL 5 NOT USED FOR SW4									
SW5	DETAIL 5 NOT USED FOR SW5									
SW6	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.80'	6.23'
SW7	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.80'	6.23'
SW8	DETAIL 5 NOT USED FOR SW8									
SW9	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.42'	4.01'
SW10	DETAIL 5 NOT USED FOR SW10									
SW11	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.87'	7.46'
SW12	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.69'	6.90'
SW13	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.54'	7.31'
SW14	DETAIL 5 NOT USED FOR SW14									
SW15	DETAIL 5 NOT USED FOR SW15									
SW16	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.48'	5.98'
SW17	DETAIL 5 NOT USED FOR SW17									
SW18	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.85'	8.54'
SW19	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	3.07'	5.86'
SW20	DETAIL 5 NOT USED FOR SW20									
SW22	DETAIL 5 NOT USED FOR SW22									
SW23	4'	2.67'	0.67'	2.67'	3'	0.50'	0.67'	0.67'	2.56'	3.43'
SW24	DETAIL 5 NOT USED FOR SW24									



5 **DETAIL: INLET STRUCTURE**
SCALE: N.T.S.



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VERT. _____
BOOK _____
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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

WILDCAT CANYON ROAD
DRAINAGE ENHANCEMENTS
DETAILS

PLAN 8279
FILE 502-718
C4.0
SHEET 30 OF 35

ADDENDUM#	BID SET	95% SUBMITTAL	65% SUBMITTAL	DESCRIPTION	APPROVAL
05-29-25	09-28-23	07-27-23	10-27-22	DATE	
				MARK	
				REVISION	

BIDDER'S PROPOSAL
(continued)

BID SCHEDULE A – WILDCAT CANYON RD DRAINAGE IMPROVEMENTS					
Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
A-1.	Mobilization And Demobilization	1	LS	\$	\$
A-2.	Traffic Control	1	LS	\$	\$
A-3.	Construction Info Sign	8	EA	\$	\$
A-4.	Changeable Message Boards	3	EA	\$	\$
A-5.	Pre-Construction Audio/Video Survey	1	LS	\$	\$
A-6.	Water Pollution Control	1	LS	\$	\$
A-7.	Construction Staking	1	LS	\$	\$
A-8.	Pothole and Protect Existing Utilities	1	LS	\$	\$
A-9.	Excavation Safety	1	LS	\$	\$
A-10.	Clearing and Grubbing	1	LS	\$	\$
A-11.	Tree Protection, Tree Pruning & Root Pruning	1	LS	\$	\$
A-12.	Tree Removal 12-Inch Diameter (Revocable)**	1 0	EA	\$	\$
A-13.	Tree Removal 24-Inch Diameter (Revocable)**	1 0	EA	\$	\$
A-14.	Earthwork - Outfalls	164	CY	\$	\$
A-15.	PCC Aprons	29	EA	\$	\$
A-16.	PCC V-Ditch	59	LF	\$	\$
A-17.	PCC 8" Curb	31	LF	\$	\$
A-18.	Asphalt Removal	29	Ton	\$	\$
A-19.	Cold Plane 2-1/4"	120	SF	\$	\$
A-20.	Hot Mix Asphalt (Type A)	26	Ton	\$	\$
A-21.	AC Dike (Type A)	162	LF	\$	\$
A-22.	Remove And Replace Guardrail	140 160	LF	\$	\$
A-23.	12" HDPE Storm Drain Pipe	367	LF	\$	\$
A-24.	15" HDPE Storm Drain Pipe	140	LF	\$	\$
A-25.	18" HDPE Storm Drain Pipe	302	LF	\$	\$
A-26.	10" CMP Storm Drain Pipe	10	LF	\$	\$
A-27.	12" CMP Storm Drain Pipe	30 38	LF	\$	\$
A-28.	15" CMP Storm Drain Pipe	32 46	LF	\$	\$

BIDDER'S PROPOSAL
(continued)

BID SCHEDULE A – WILDCAT CANYON RD DRAINAGE IMPROVEMENTS					
Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
A-29.	18” CMP Storm Drain Pipe	96	LF	\$	\$
A-30.	24” CMP Storm Drain Pipe	50	LF	\$	\$
A-31.	Storm Drain Pipe (12” RCP)	21	LF	\$	\$
A-32.	10” Cured-In-Place Pipe Lining	73	LF	\$	\$
A-33.	15” Cured-In-Place Pipe Lining	95	LF	\$	\$
A-34.	Custom Drainage Inlet	14 13	EA	\$	\$
A-35.	Precast Drainage Inlet (1.5’ X 1.5’)	5	EA	\$	\$
A-36.	Precast Drainage Inlet (2’ X 2’)	1	EA	\$	\$
A-37.	Precast Drainage Inlet (2’ X 3’)	1 2	EA	\$	\$
A-38.	Precast Drainage Inlet (3’ X 3’)	3 2	EA	\$	\$
A-39.	Precast Drainage Inlet (4’ X 4’)	2 3	EA	\$	\$
A-40.	Grouted Pipe Encasement	4	EA	\$	\$
A-41.	Modify Existing Maintenance Hole	1	EA	\$	\$
A-42.	Modify Existing Drainage Inlet	1	EA	\$	\$
A-43.	Modify Existing Tailwall	1	EA	\$	\$
A-44.	Abandonment Of Storm Drainage Structures	1	LS	\$	\$
A-45.	Cast In Drilled Hole (CIDH) Piers	60	LF	\$	\$
A-46.	Outfall Dissipater – Class 1 Rsp	30 32	Ton	\$	\$
A-47.	Outfall Dissipater – Class 3 Rsp W/ Class 1 Rsp And ¾” Drain Rack	58 52	Ton	\$	\$
A-48.	Outfall Dissipater – 50% Class 1 Rsp And 50% Class 3 Rsp By Weight	267 236	Ton	\$	\$
A-49.	Outfall Dissipator – Impermeable Liner	2020 2980	SF	\$	\$
A-50.	Composite Headwall Structure – 15” Or Smaller Outlet	9	EA	\$	\$
A-51.	Composite Headwall Structure – 18” Or Larger Outlet	6 4	EA	\$	\$
A-52.	Channel Reinforcement Mat	250	SF	\$	\$
A-53.	Remove & Replace Roadside Sign And Post	1	EA	\$	\$
A-54.	Slide Repair – Earthwork	1	LS	\$	\$

BIDDER'S PROPOSAL
(continued)

BID SCHEDULE A – WILDCAT CANYON RD DRAINAGE IMPROVEMENTS					
Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
A-55.	Slide Repair – Class 3 Rsp 2/ Class 1 Rsp And 3/4" Drain Rock Caltrans RSP	450	Ton	\$	\$
A-56.	Slide Repair – Structural Concrete Wall Between Existing Piers	1	LS	\$	\$
A-57.	Hydroseeding	1	LS	\$	\$
A-58.	Monument Replacement	1	EA	\$	\$
A-59.	Monument Preservation	1	LS	\$	\$
The following Bid Item, "Supplemental Work," is an addition to the Project's scope of work. This additional work may or may not be authorized to be performed by the Contractor as part of this contract. The additional work may be located throughout the City of Berkeley and may be outside the limits of work.					
A-60.	Supplemental Work	1	LS	\$ 150,000	\$ 150,000
TOTAL COST \$					

TOTAL COST OF BID SCHEDULE A IN WORDS AND FIGURES:

Dollars and _____ Cents (\$ _____).

TECHNICAL PROVISIONS

4. Backfilling
 - a. Piping shall not be covered with backfill material, until inspected, and approved by the Engineer.
 - b. After making up pipe joints, fill space between pipe and sides of trench with backfill material half-way up the pipe. Both sides shall be filled for full width of trench at same time and carefully compacted so as to hold the pipe in its proper position.
 - c. After pipe has been installed, inspected, and approved, place and compact backfill as specified in Section 17 Trenching and Backfilling.
 - d. Backfill material for solid storm drain pipe shall be per City of Berkeley Standard Trench Excavation and Surface Restoration Plan 8136.

5. **Tree Stump Removal**
 - a. **Locating Tree Stumps**
 - i. **Identify and mark tree stumps identified on plans for removal.**
 - ii. **Coordinate with utility locating services to avoid damage to underground infrastructure.**
 - b. **Removal Procedure**
 - i. **Completely remove each stump and all main roots that conflict with or could damage the proposed trench.**
 - ii. **Excavate to a depth at least 18 inches below the trench bottom, or as required to allow full pipe installation without interference.**
 - iii. **Remove lateral roots larger than 2 inches in diameter within the trench prism.**
 - iv. **If full stump removal would damage adjacent trees to be preserved, consult with the Engineer for alternative methods (e.g., root pruning or partial removal).**
 - c. **Backfill and Restoration**
 - i. **Backfill stump removal voids with approved material in lifts not exceeding 8 inches and compact to 95% of maximum dry density (ASTM D698).**
 - ii. **Ensure trench base is restored to specified condition for pipe bedding.**
 - d. **Disposal**
 - i. **Dispose of all stumps, root material, and debris off-site in accordance with City of Berkeley regulations.**
 - ii. **Burning or burial of stumps on-site is not permitted.**

WILDCAT CANYON ROAD
DRAINAGE ENHANCEMENT PROJECT

SPECIFICATION NO. 23-11561-C

TECHNICAL PROVISIONS

- f. Where rip rap is placed on a geotextile, it shall be undertaken so that there is no tearing or damage to the geotextile.
- g. Orient ends of key at a 30-degree angle to the direction of flow.

EXPORT

The Contractor shall export all surplus soil. There is no analytical testing data available for soil within the project limits. The Contractor shall assume that all soil has levels of contamination that exceeds environmental screening levels listed by the California Regional Water Quality Control Board for residential land use or commercial/industrial land use but is non-regulated and non-hazardous. All material shall be disposed of in an appropriate landfill with all-weather access. The Contractor shall be responsible for testing soil as required by the disposal site.

The Contractor shall provide waste manifests produced by the receiver of the soil documenting the total volume of soil received.

MEASUREMENT AND PAYMENT PROCEDURES

The contract **lump sum** price paid for “**Slide Repair - Earthwork**” includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in the earthwork for repairing an unstable slope, complete in place, including excavation, stockpiling material, export of material, testing, transporting of soil, and paying disposal fees, as shown on the plans, as specified in the Standard Specifications and these technical specifications, and as directed by the Engineer.

~~The contract price paid **per ton** for “**Slide Repair – Class 3 RSP w/Class I RSP and 3/4inch Drain Rock**” includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing rip rap outfall protection, complete in place, as shown on the plans, as specified in the Standard Specifications and these technical provisions, and as directed by the Engineer.~~

The contract price paid **per ton** for “**Slide Repair – Caltrans RSP**” includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing RSP at slide repair sites, complete in place, as shown on the plans, as specified in the Standard Specifications and these technical provisions, and as directed by the Engineer.