

COUNTY OF EL DORADO, CA  
DEPARTMENT OF TRANSPORTATION

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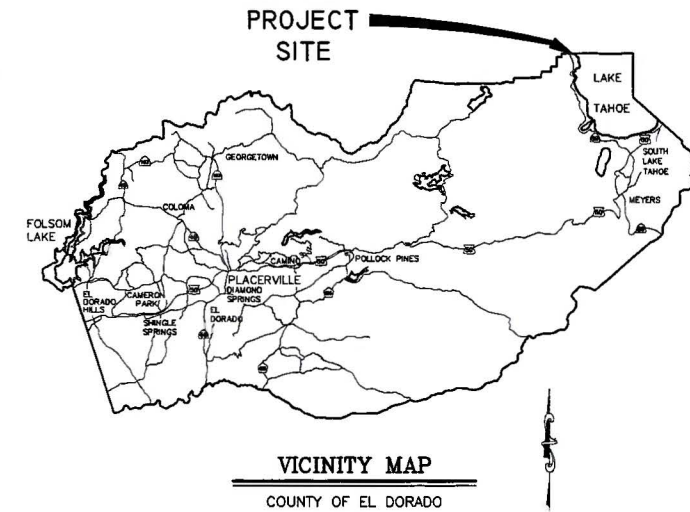
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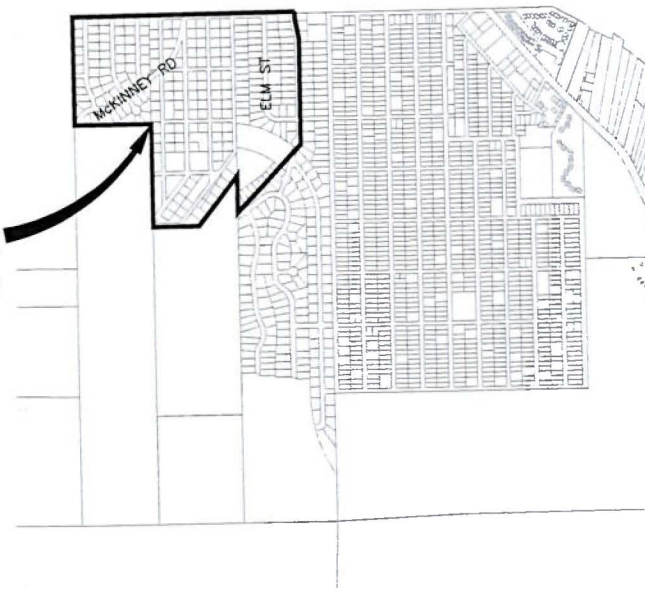
CSA 5 III EROSION CONTROL PROJECT

IN THE COUNTY OF EL DORADO, DISTRICT 5,  
TAHOE CEDARS TRACT, TAHOE CEDARS ADDITION, TAHOE CEDARS  
ADDITION NO. 2, WESTLAKE VILLAGE UNIT NOS. 4, 5, AND 9,  
WILSON, AND SONOMA PINES SUBDIVISIONS; PORTIONS OF WATER'S  
EDGE UNIT NO. 1 AND WESTLAKE VILLAGE UNIT NO. 2 SUBDIVISIONS

To be supplemented with the 2022 Standard Plans and Specifications of  
the California Department of Transportation, unless otherwise noted.



CSA 5 III  
EROSION CONTROL  
PROJECT BOUNDARY



LOCATION MAP

SCALE: 1" = 1000'

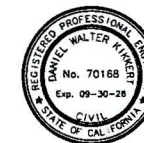
FUNDING AGENCIES

UNITED STATES FOREST SERVICE  
CSA 5 ASSESSMENT FUNDS  
TAHOE REGIONAL PLANNING AGENCY

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Law (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans, at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.

REVISIONS

MARK	DATE	BY



SUBMITTED BY: DANIEL W. KIKKERT P.E.  
SENIOR CIVIL ENGINEER  
STATE OF CALIFORNIA NO. 70168  
DATE: 2 Jan, 2025

BOARD OF SUPERVISORS  
I GREG FERRERO  
II GEORGE TURNBOO  
III DOUG VEERKAMP  
IV LORI PARLIN  
V BROOKE LAINE

COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION  
(530) 573-7800  
924 B EMERALD BAY RD  
SOUTH LAKE TAHOE, CA 96150  
(530) 621-5900  
2850 FAIRLANE CT  
PLACERVILLE, CA 95667

ADOPTED AND APPROVED BY:  
DATE  
CHAIR, COUNTY OF EL DORADO BOARD OF SUPERVISORS  
RAFAEL MARTINEZ, DIRECTOR  
DEPARTMENT OF TRANSPORTATION  
JOHN H. KAHLING, P.E., RCE NO. 52426, DEPUTY DIRECTOR OF ENGINEERING  
DEPARTMENT OF TRANSPORTATION  
DATE  
DATE  
DATE

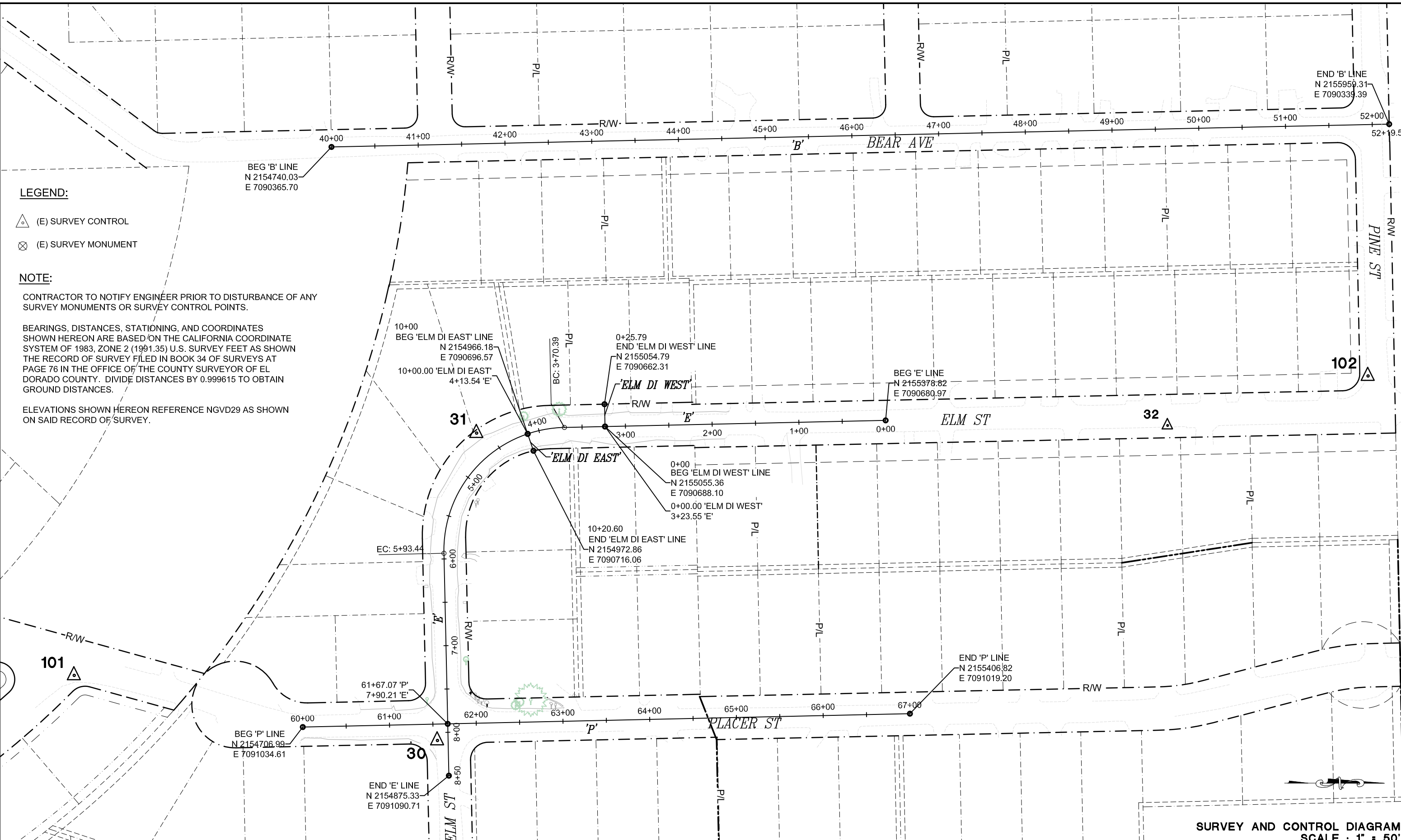
CONTRACT NO. 8849, CIP NO. 3610 7003

CSA 5 III EROSION CONTROL PROJECT

TITLE SHEET

SHEET 1 OF 28

ORIGINAL SCALE: 1/8" = 1' IN INCHES  
 Drawing name: \\CDDA\data5\ITD-SLI-Engineering\CIVIL\_3D\PROJECTS\95157 - III\Engineering\PLANS\CSA5III\_CD.dwg Layout Tab: CD-1 Dec 31, 2024 - 3:19pm KSujigama  
 FOR REDUCED PLANS



**LEGEND:**

- △ (E) SURVEY CONTROL
- ⊗ (E) SURVEY MONUMENT

**NOTE:**

CONTRACTOR TO NOTIFY ENGINEER PRIOR TO DISTURBANCE OF ANY SURVEY MONUMENTS OR SURVEY CONTROL POINTS.

BEARINGS, DISTANCES, STATIONING, AND COORDINATES SHOWN HEREON ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 2 (1991.35) U.S. SURVEY FEET AS SHOWN THE RECORD OF SURVEY FILED IN BOOK 34 OF SURVEYS AT PAGE 76 IN THE OFFICE OF THE COUNTY SURVEYOR OF EL DORADO COUNTY. DIVIDE DISTANCES BY 0.999615 TO OBTAIN GROUND DISTANCES.

ELEVATIONS SHOWN HEREON REFERENCE NGVD29 AS SHOWN ON SAID RECORD OF SURVEY.

REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY

DESIGNED: DMG  
 DRAWN: KIS  
 CHECKED: JCN  
 DATE: 12/2024  
 ROAD NUMBER: -



**COUNTY OF EL DORADO**  
**DEPARTMENT OF TRANSPORTATION**

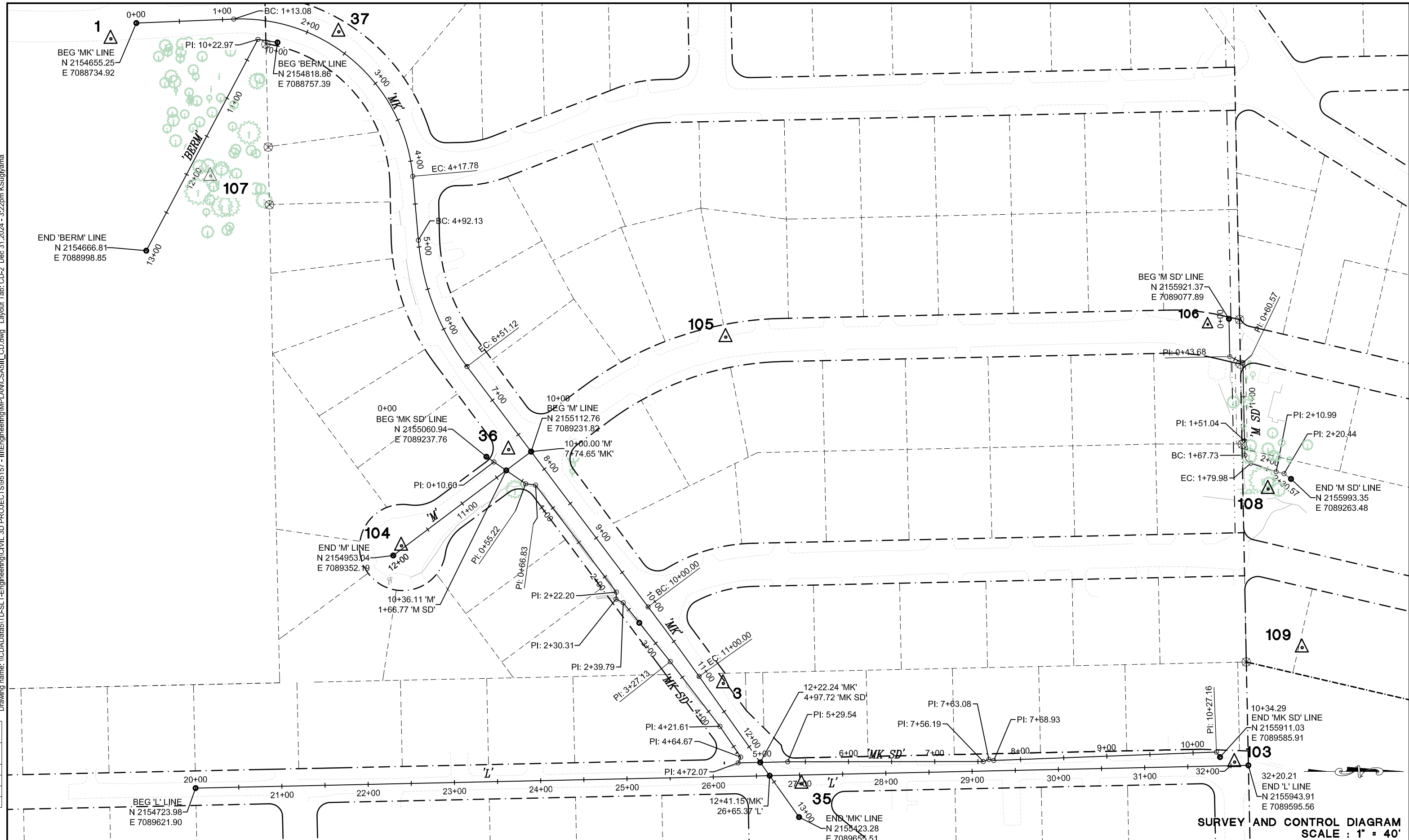
**CSA 5 III EROSION CONTROL PROJECT**

SHEET  
**CD-1**  
 2 OF 28  
 W.D. No. 3610 7003

**SURVEY AND CONTROL DIAGRAM**  
 SCALE : 1" = 50'



ORIGINAL SCALE: 1/8" = 10' INCHES  
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**SURVEY AND CONTROL DIAGRAM**  
 SCALE: 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY

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 DRAWN: KIS  
 CHECKED: JCN  
 DATE: 12/2024  
 ROAD NUMBER: -

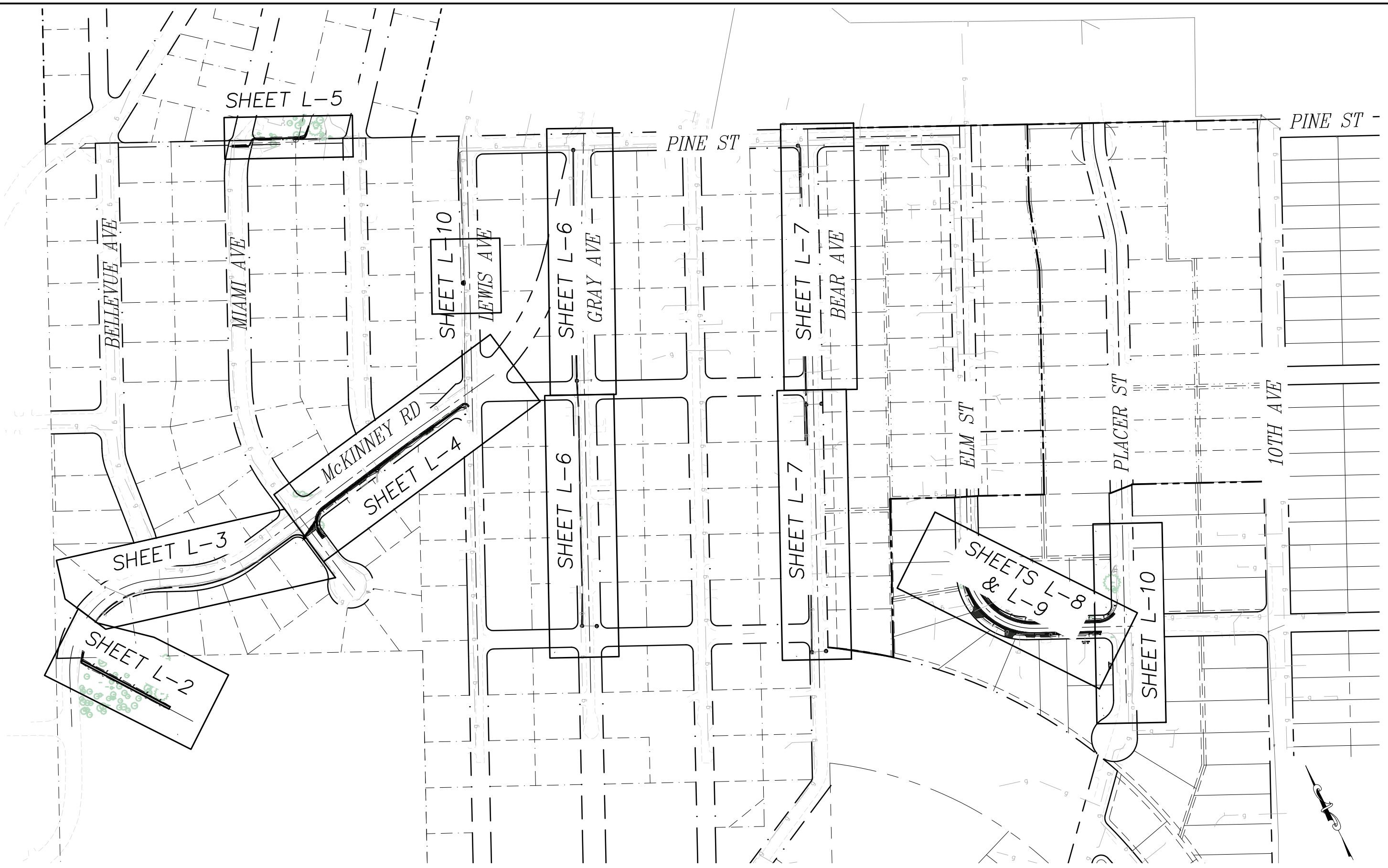


**COUNTY OF EL DORADO**  
**DEPARTMENT OF TRANSPORTATION**

**CSA 5 III EROSION CONTROL PROJECT**

SHEET  
**CD-2**  
 3 OF 28  
 W.D. No. 3610 7003

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES  
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LAYOUT  
 SCALE : 1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DECEMBER 9, 2024  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



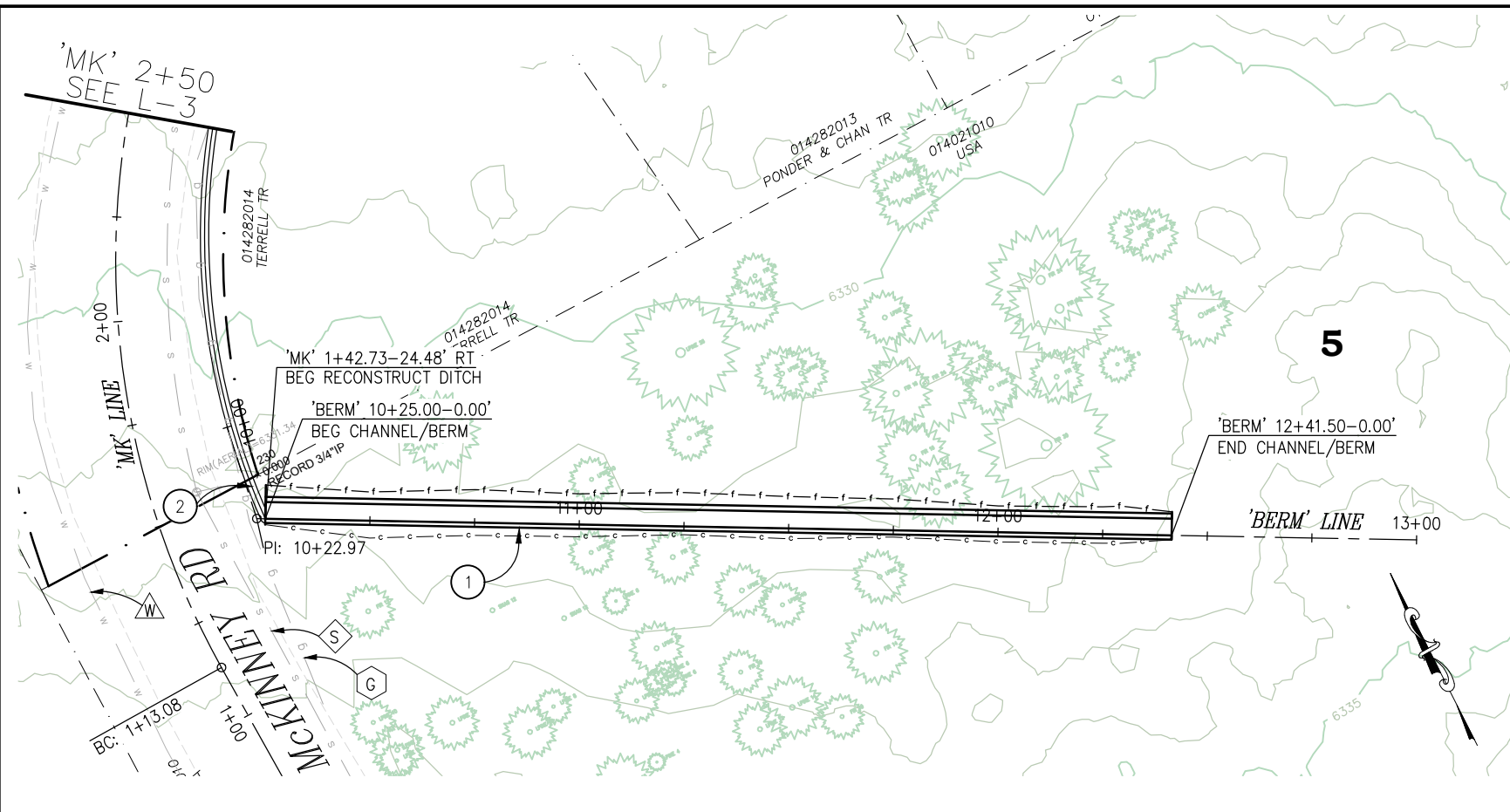
COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-1  
 4 OF 28  
 W.O. No.  
 3610 7003



ORIGINAL SCALE IS IN INCHES  
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**GENERAL NOTES:**

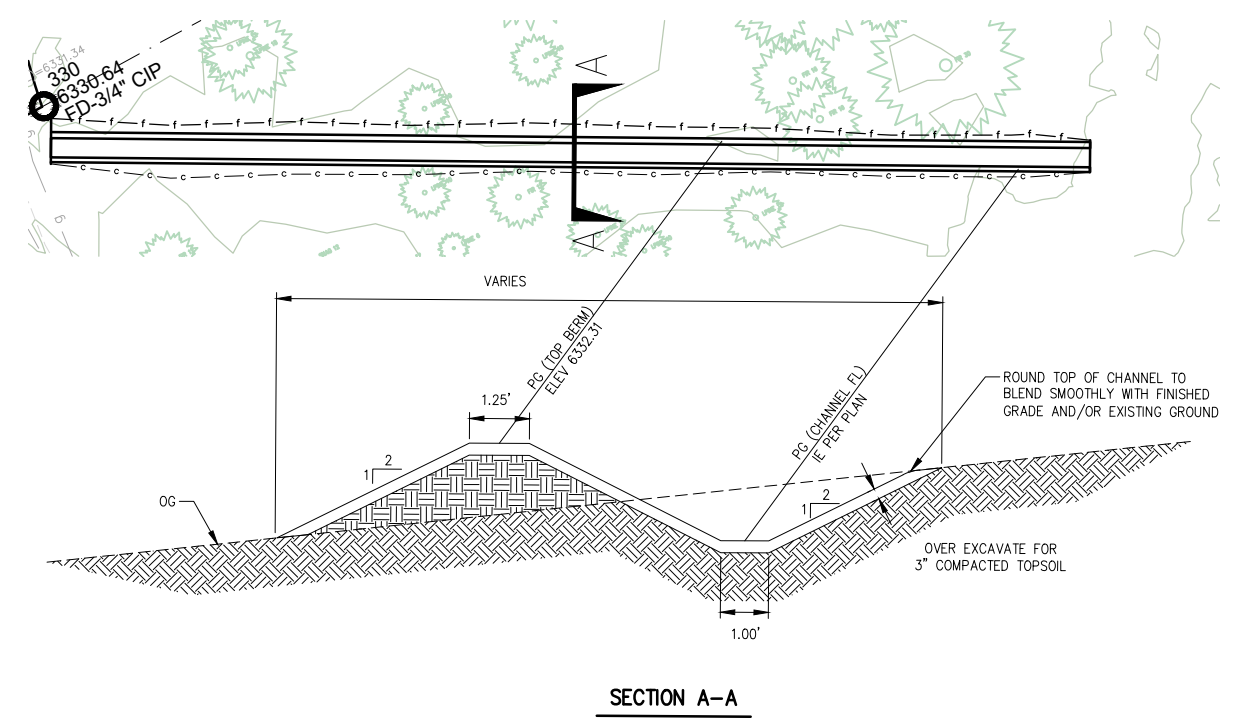
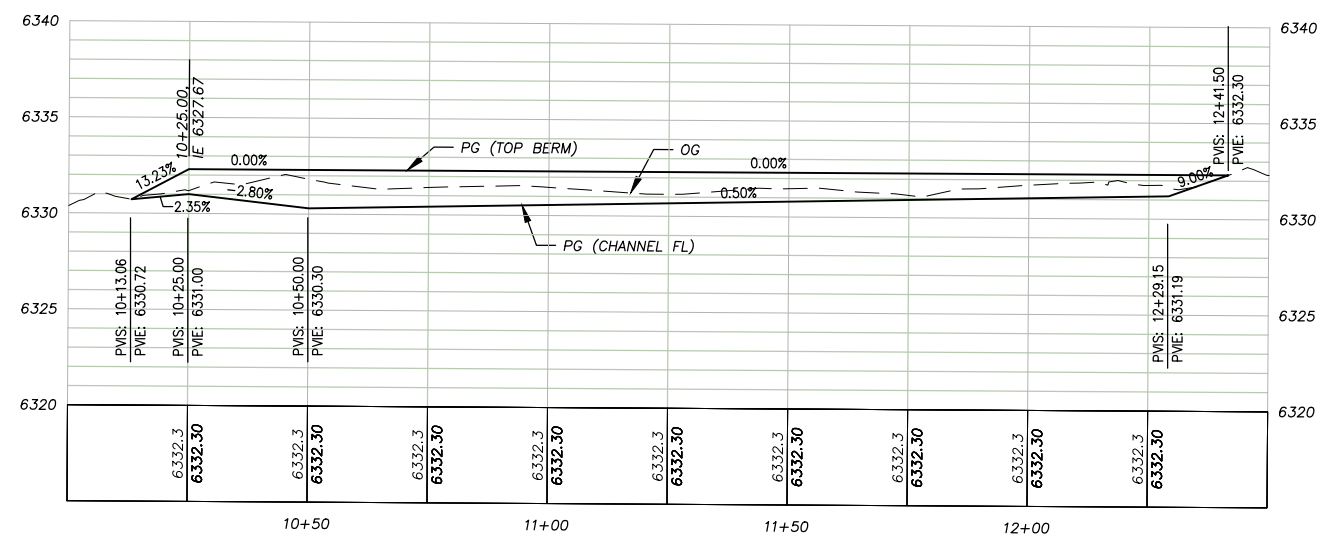
1. INSTALL TEMPORARY FENCING PER THE EC SHEETS.
2. ALL DISTURBED SOIL SHALL BE REVEGETATED PER THE EC SHEETS.
3. THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.
4. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

**LEGEND**

- W WATER LINE
- S SEWER LINE
- T TELEPHONE LINE
- G GAS LINE
- 5 LAND CAPABILITY

**CONSTRUCTION NOTES:**

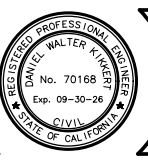
- 1 — CONSTRUCT CHANNEL/BERM. SEE DETAIL A THIS SHEET. 21 CY CUT / 22 CY FILL.
- 2 — RECONSTRUCT DITCH. 96 LF. SEE DETAIL A SHEET L-3.



A CHANNEL/BERM  
 NTS

LAYOUT  
 SCALE : 1" = 20' H, 1" = 5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: **DECEMBER 9, 2024**

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

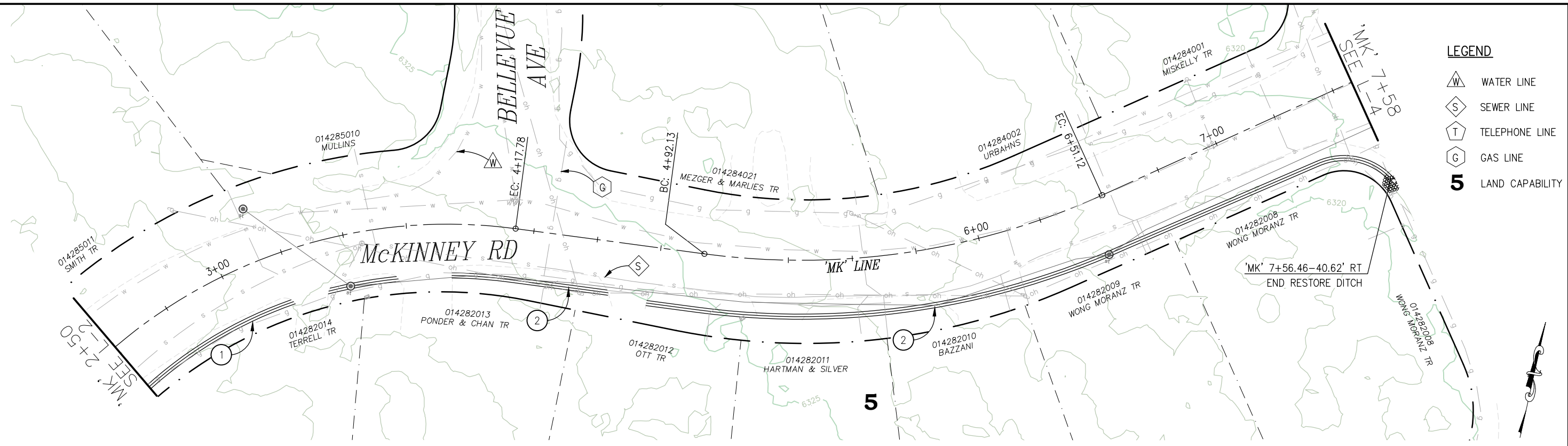


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-2  
 5 OF 28  
 W.O. No. 3610 7003

ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CAD\docs\1D-SIT-Engineering\MPLAN\CSA5III\_L.dwg Layout Tab: L-3 Dec 31, 2024 12:52pm dgoodell  
 FOR REDUCED PLANS

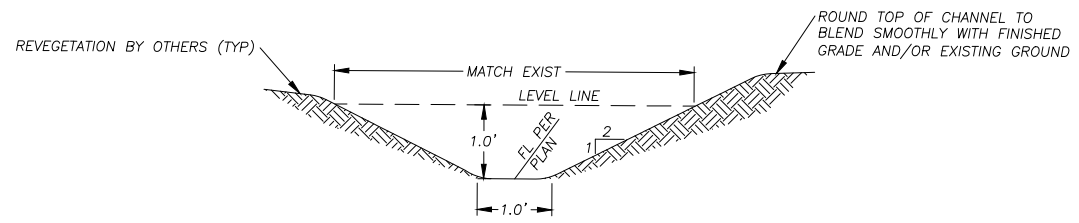


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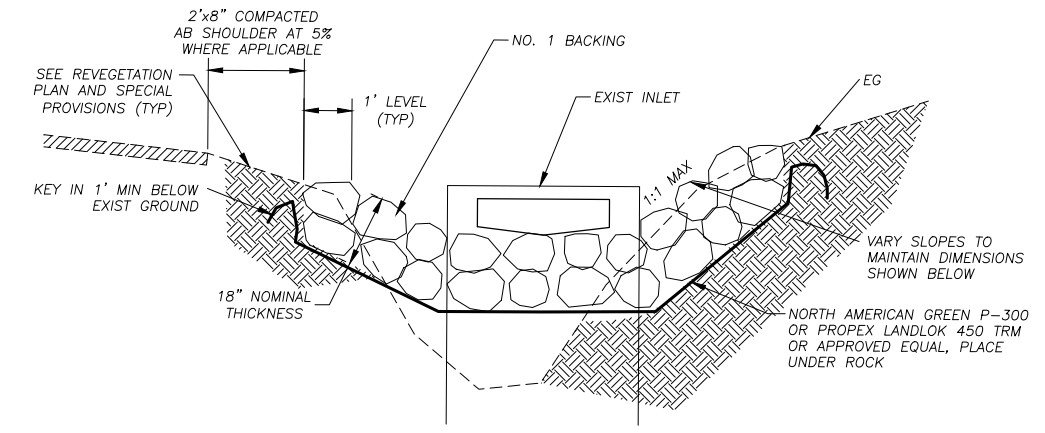
- WATER LINE
- SEWER LINE
- TELEPHONE LINE
- GAS LINE
- 5** LAND CAPABILITY

**CONSTRUCTION NOTES:**

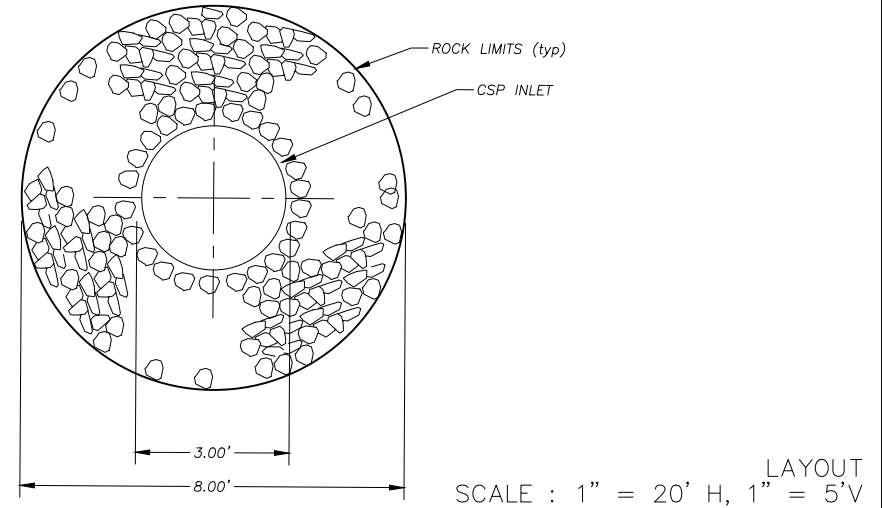
- ① — RECONSTRUCT DITCH. 105 LF. SEE DETAIL A THIS SHEET.
- ② — RESTORE DITCH. 365 LF. SEE DETAIL A THIS SHEET. WORK DONE BY OTHERS. (NOT IN CONTRACT)



**A** RECONSTRUCT/RESTORE DITCH  
NTS

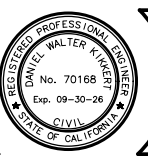


**B** ROCK BOWL  
NTS



SCALE : 1" = 20' H, 1" = 5' V LAYOUT

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
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 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

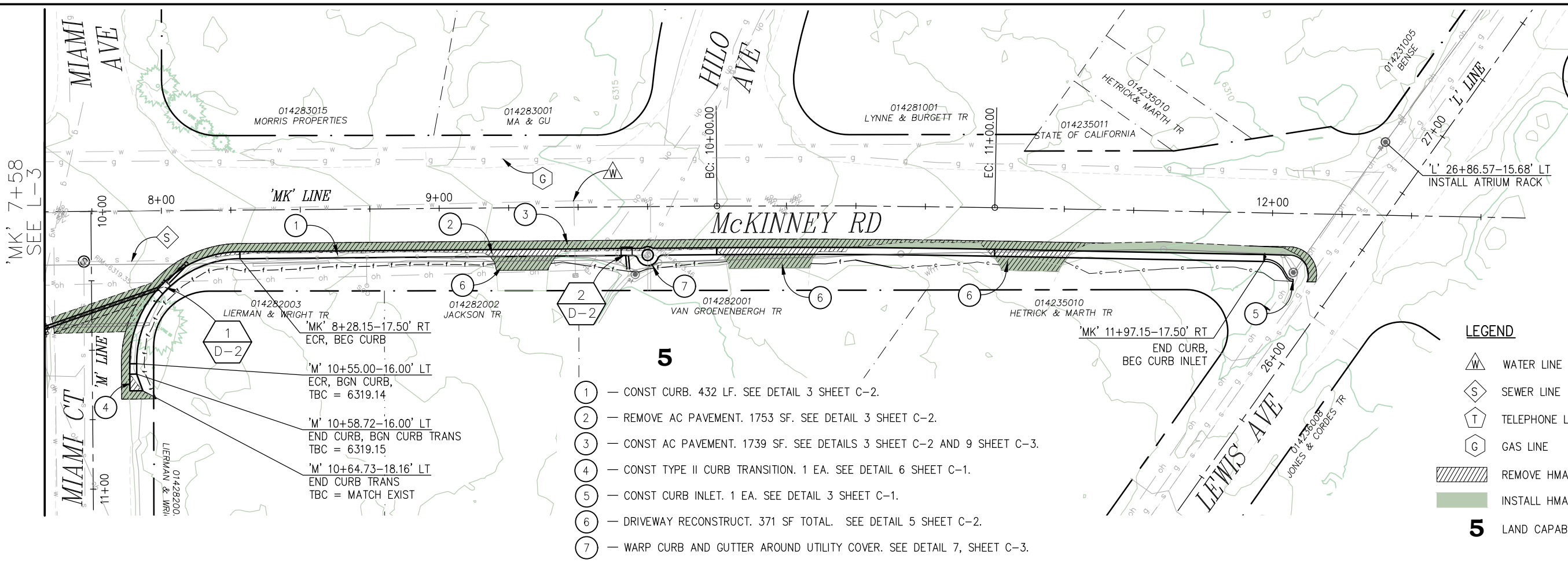


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-3  
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 W.O. No. 3610 7003

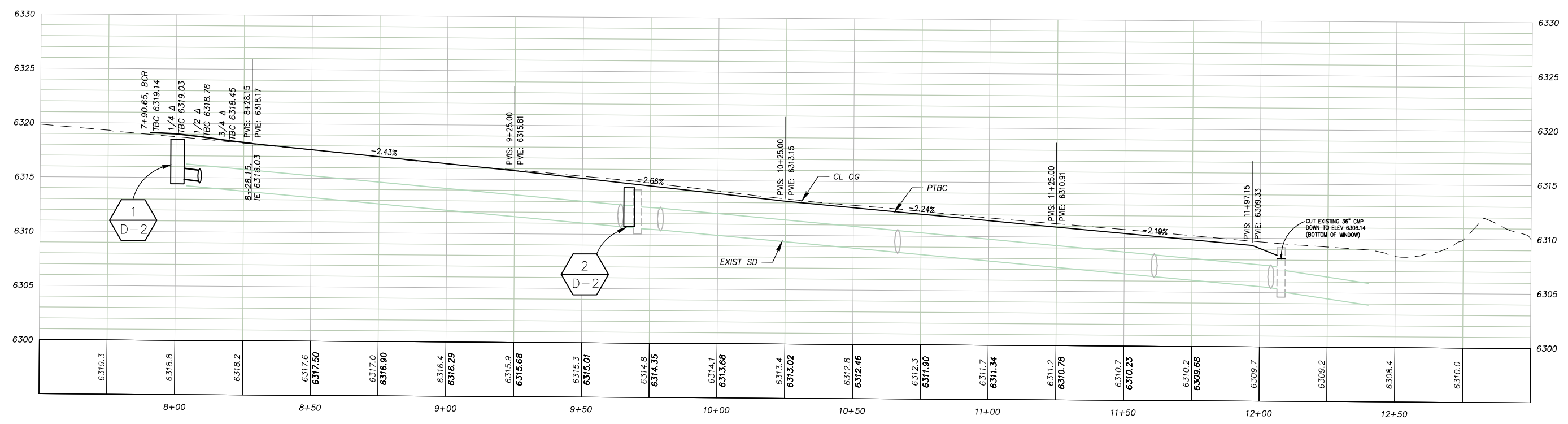
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**LEGEND**

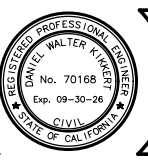
- WATER LINE
- SEWER LINE
- TELEPHONE LINE
- GAS LINE
- REMOVE HMA
- INSTALL HMA
- 5** LAND CAPABILITY

- ① — CONST CURB. 432 LF. SEE DETAIL 3 SHEET C-2.
- ② — REMOVE AC PAVEMENT. 1753 SF. SEE DETAIL 3 SHEET C-2.
- ③ — CONST AC PAVEMENT. 1739 SF. SEE DETAILS 3 SHEET C-2 AND 9 SHEET C-3.
- ④ — CONST TYPE II CURB TRANSITION. 1 EA. SEE DETAIL 6 SHEET C-1.
- ⑤ — CONST CURB INLET. 1 EA. SEE DETAIL 3 SHEET C-1.
- ⑥ — DRIVEWAY RECONSTRUCT. 371 SF TOTAL. SEE DETAIL 5 SHEET C-2.
- ⑦ — WARP CURB AND GUTTER AROUND UTILITY COVER. SEE DETAIL 7, SHEET C-3.



LAYOUT  
SCALE : 1" = 20' H, 1" = 5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
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**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



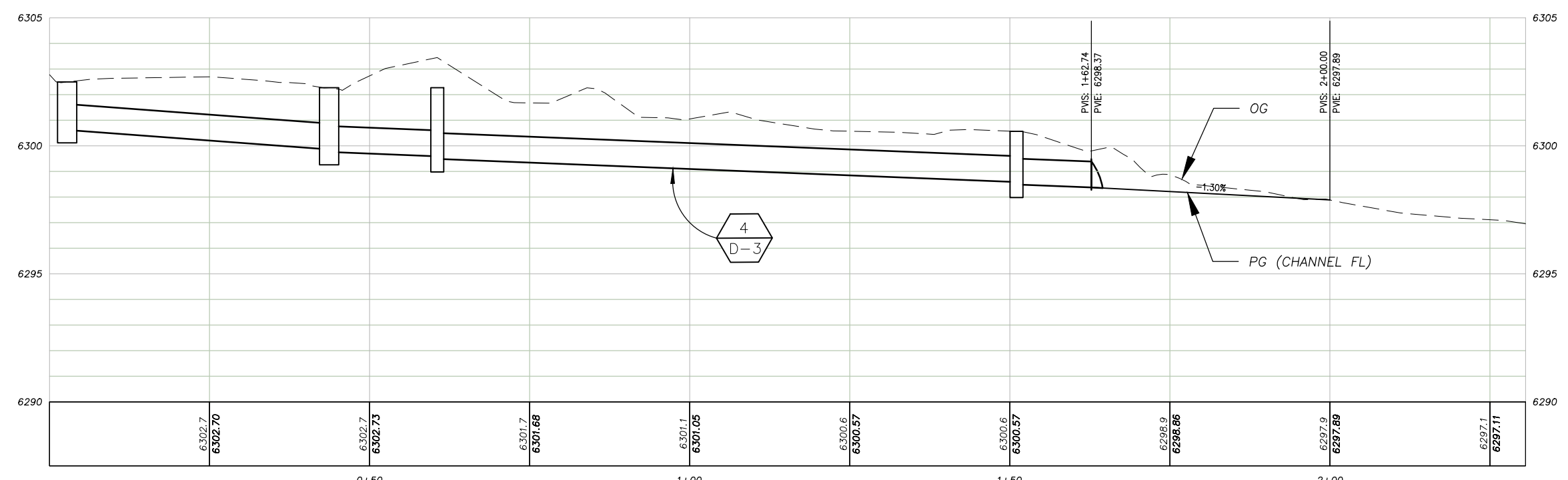
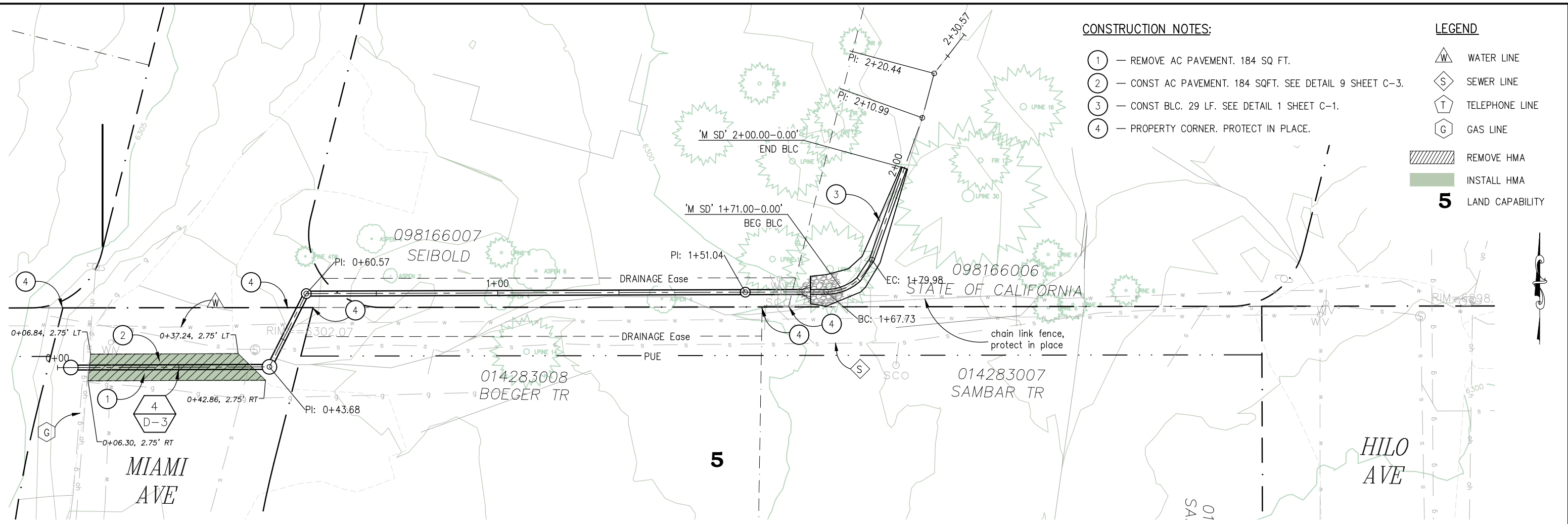
COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
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W.O. No.  
3610 7003

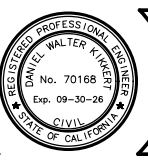


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LAYOUT  
SCALE : 1" = 10' H, 1" = 2.5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: **DECEMBER 9, 2024**

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

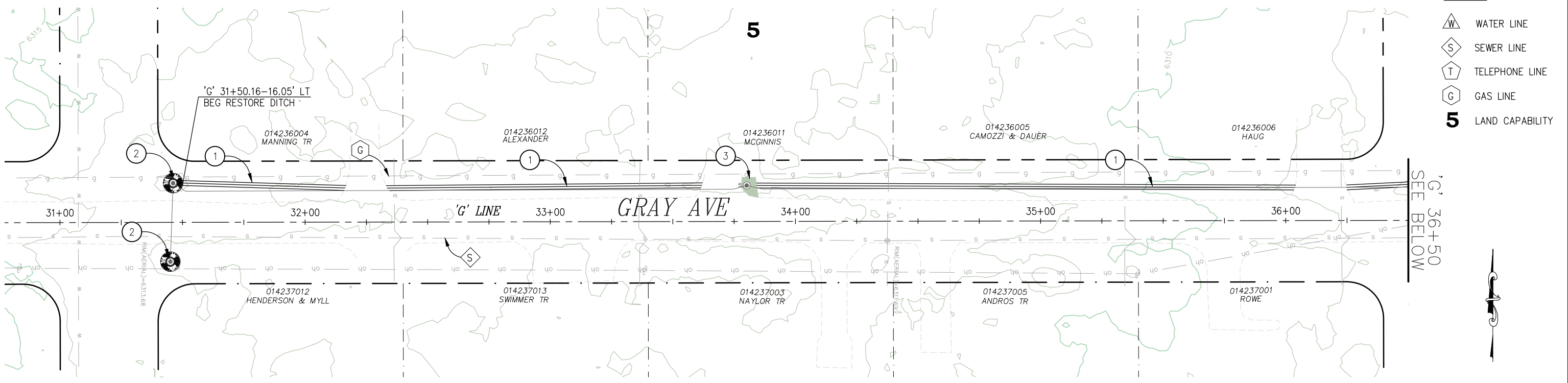


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-5  
 8 OF 28  
 W.O. No. 3610 7003

ORIGINAL SCALE IS IN INCHES  
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 FOR REDUCED PLANS  
 2  
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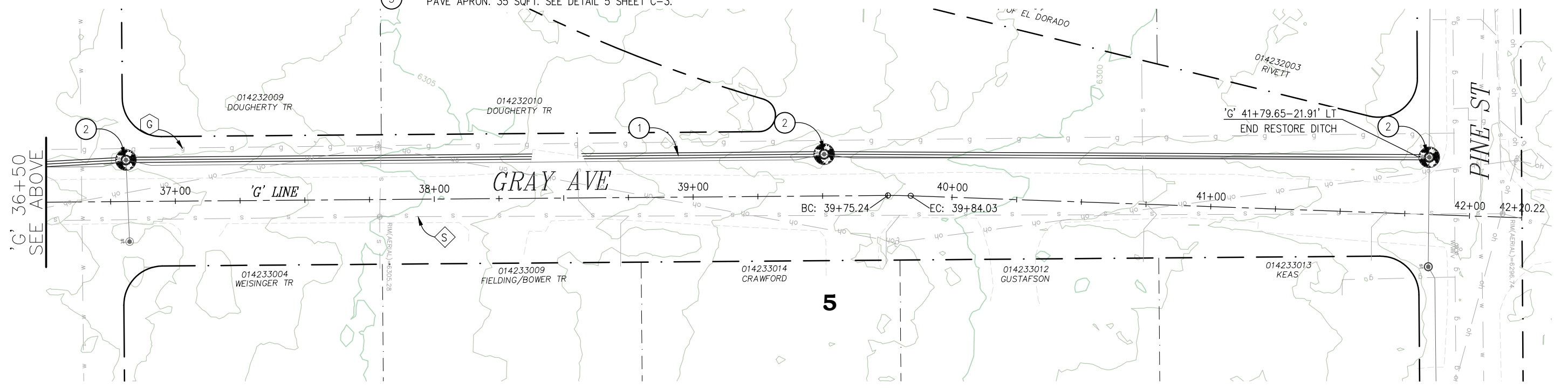


**LEGEND**

W	WATER LINE
S	SEWER LINE
T	TELEPHONE LINE
G	GAS LINE
5	LAND CAPABILITY

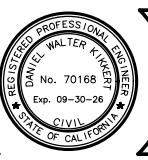
**CONSTRUCTION NOTES:**

- ① — RESTORE DITCH. 954 LF. SEE DETAIL A SHEET L-3. WORK DONE BY OTHERS. (NOT IN CONTRACT)
- ② — CONST ROCK BOWL. 12 CY TOTAL. SEE DETAIL B SHEET L-3.
- ③ — PAVE APRON. 35 SQFT. SEE DETAIL 5 SHEET C-3.



LAYOUT  
SCALE : 1" = 20' H, 1" = 5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

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COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

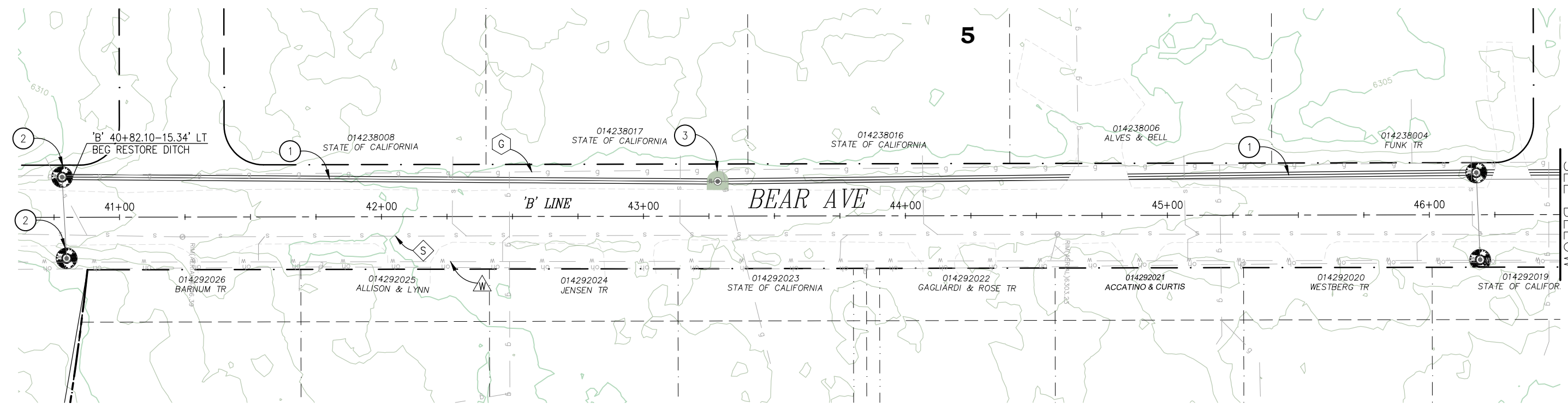
CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-6  
 9 OF 28  
 W.O. No. 3610 7003

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 FOR REDUCED PLANS  
 2  
 1  
 0

**LEGEND**

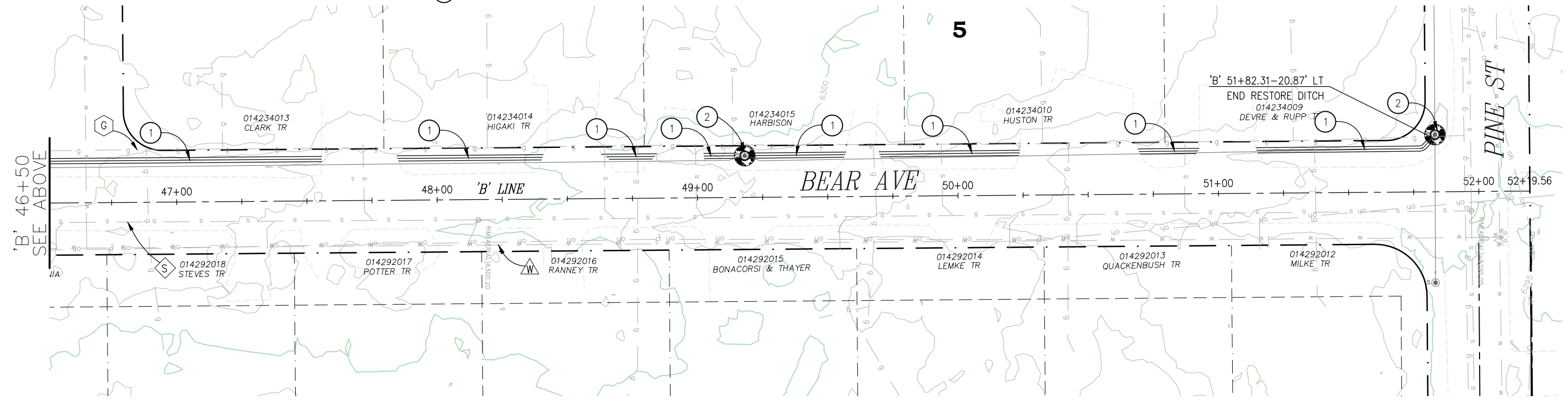
	WATER LINE
	SEWER LINE
	TELEPHONE LINE
	GAS LINE
<b>5</b>	LAND CAPABILITY



SEE BELOW

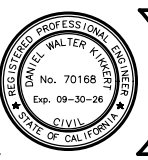
**CONSTRUCTION NOTES:**

- ① — RESTORE DITCH. 908 LF. SEE DETAIL A SHEET L-3. WORK DONE BY OTHERS. (NOT IN CONTRACT)
- ② — CONST ROCK BOWL. 14 CY TOTAL. SEE DETAIL B SHEET L-3.
- ③ — PAVE APRON. 44 SQFT. SEE DETAIL 5 SHEET C-3.



LAYOUT  
SCALE : 1" = 20' H, 1" = 5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

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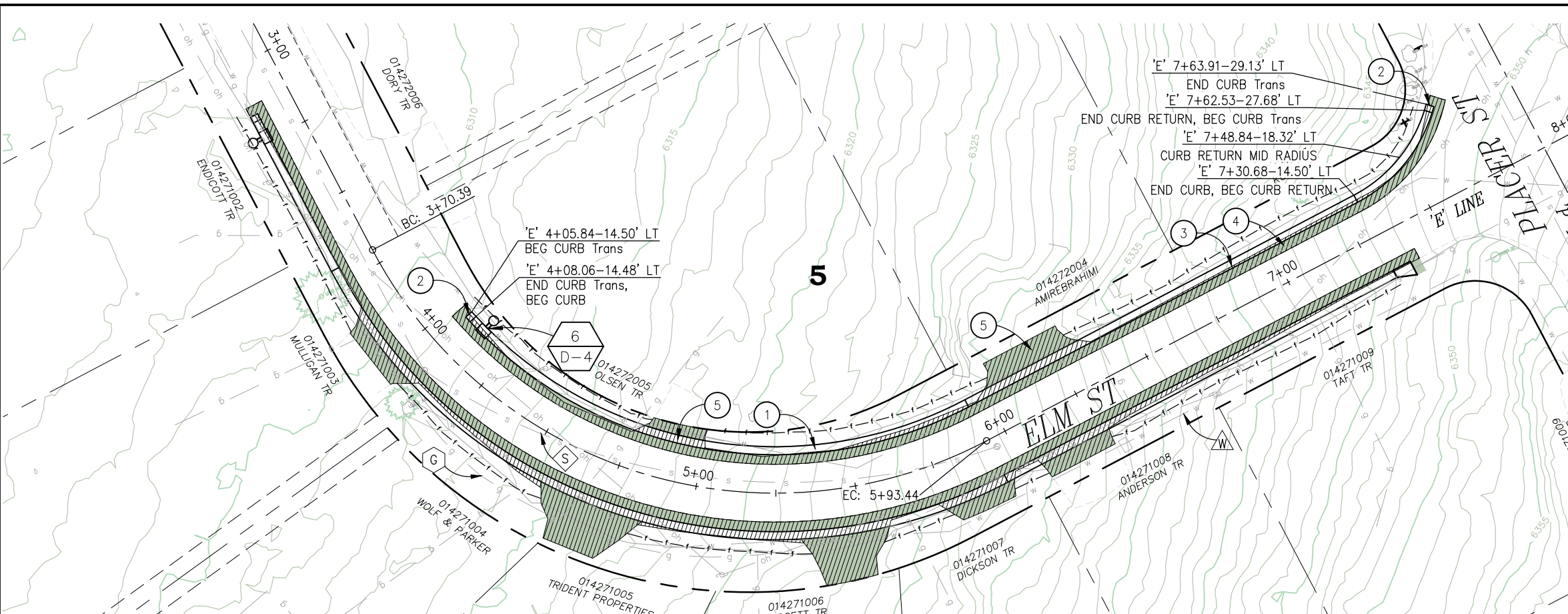
COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

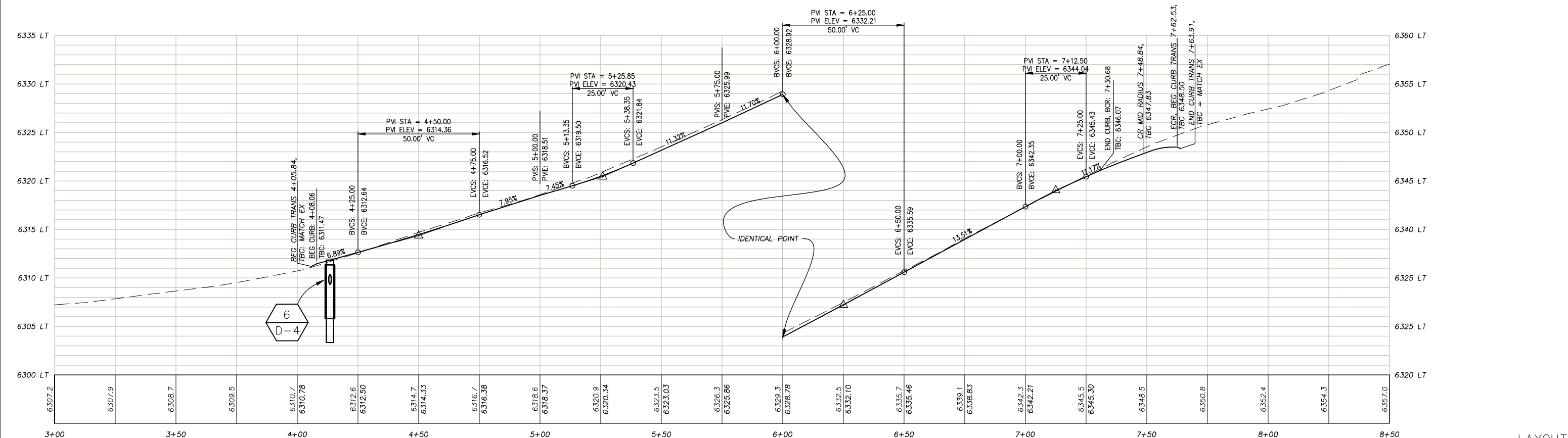
SHEET  
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 W.O. No.  
 3610 7003



ORIGINAL SCALE IS IN INCHES  
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- CONSTRUCTION NOTES:**
- ① — CONST CURB. 339 LF. SEE DETAIL 2 SHEET C-2.
  - ② — TYPE I CURB TRANSITION. 2 EA. SEE DETAIL 5 SHEET C-1.
  - ③ — REMOVE AC PAVEMENT. 1346 SF. SEE DETAIL 3 SHEET C-2.
  - ④ — CONSTRUCT AC PAVEMENT. 1086 SF. SEE DETAIL 3 SHEET C-2.
  - ⑤ — DRIVEWAY RECONSTRUCT. 260 SF. SEE DETAIL 5 SHEET C-2.
- LEGEND**
- W WATER LINE
  - S SEWER LINE
  - T TELEPHONE LINE
  - G GAS LINE
  - REMOVE HMA
  - INSTALL HMA
  - 5 LAND CAPABILITY



FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
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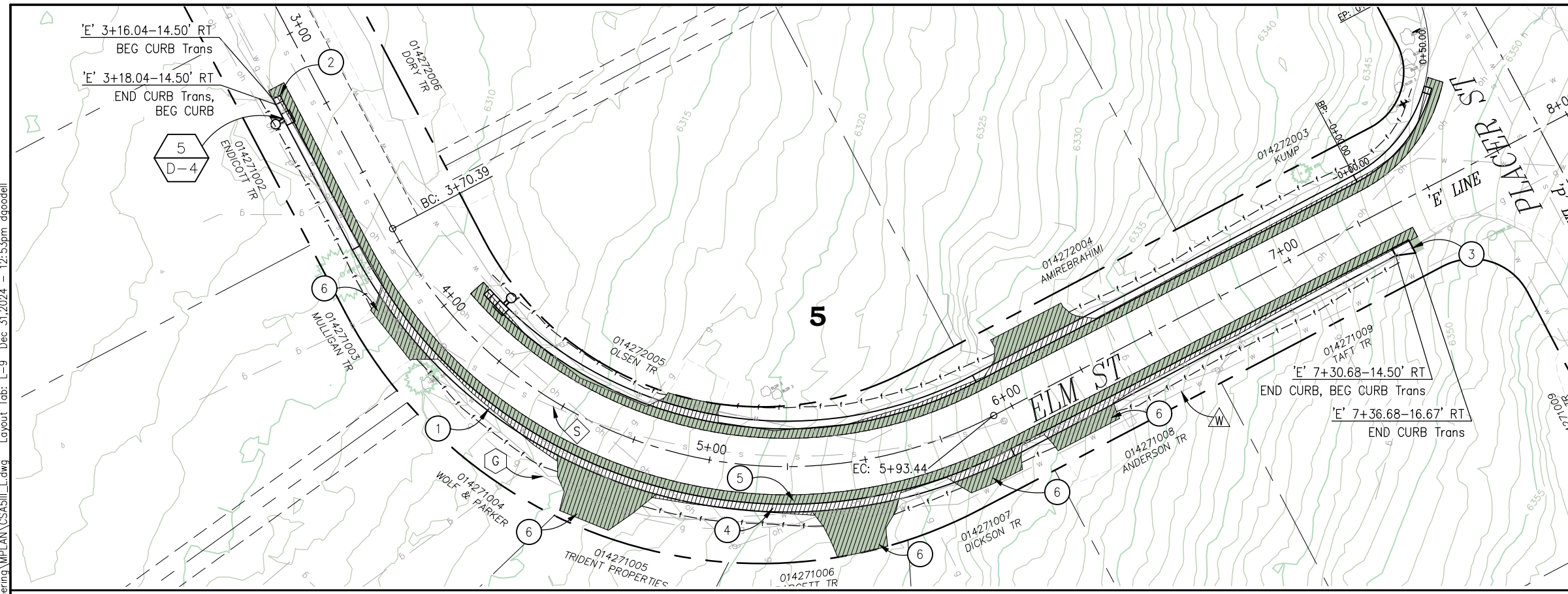


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

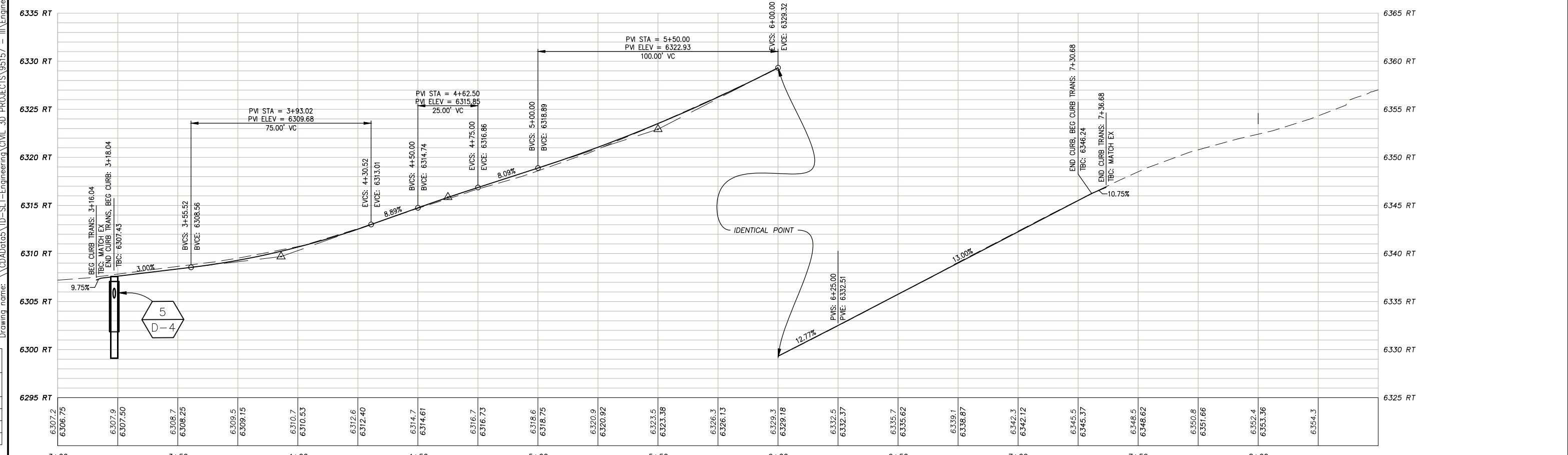
SHEET  
 L-8  
 11 OF 28  
 W.O. No. 3610 7003

ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CAD\data5\1D-SIT-Engineering\CIVIL\_3D\_PROJECTS\95157 - III\Engineering\MPLAN\_CSA5III\_L.dwg Layout Tab: L-9 Dec 31, 2024 12:53pm dgoodell  
 FOR REDUCED PLANS



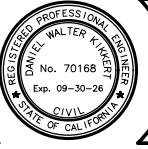
- CONSTRUCTION NOTES:**
- ① — CONSTRUCT CURB. 436 LF. SEE DETAIL 2 SHEET C-2.
  - ② — CONSTRUCT TYPE I CURB Trans. 1 EA. SEE DETAIL 5 SHEET C-1.
  - ③ — CONSTRUCT TYPE II CURB Trans. SEE DETAIL 6 SHEET C-1.
  - ④ — REMOVE AC PAVEMENT. 2048 SF. SEE DETAIL 3 SHEET C-2.
  - ⑤ — CONSTRUCT AC PAVEMENT. 1351 SF. SEE DETAIL 3 SHEET C-2.
  - ⑥ — DRIVEWAY RECONSTRUCT. 1015 SF TOTAL. SEE DETAIL 5 SHEET C-2.

- LEGEND**
- W WATER LINE
  - S SEWER LINE
  - T TELEPHONE LINE
  - G GAS LINE
  - REMOVE HMA
  - INSTALL HMA
  - 5 LAND CAPABILITY



LAYOUT  
SCALE : 1" = 20' H, 1" = 5' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



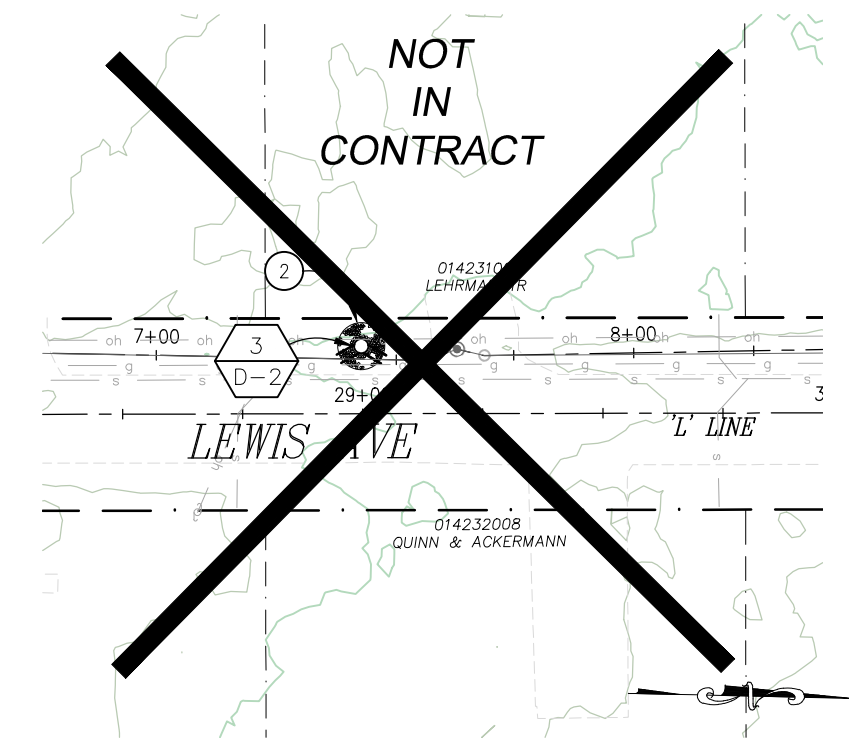
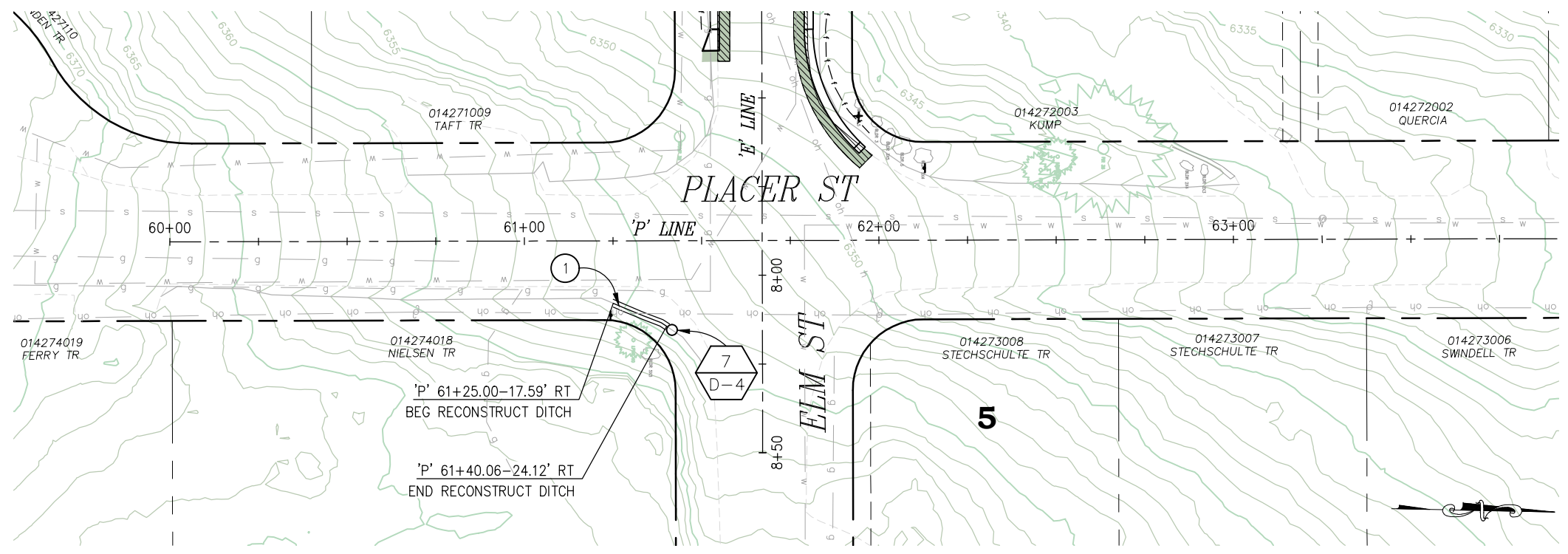
COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 L-9  
 12 of 28  
 W.O. No. 3610 7003



ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CAD\projects\95157 - III\Engineering\MPLAN\CSA5III.L.dwg Layout Tab: L-10 Jan 02, 2025 - 12:53pm dkikert

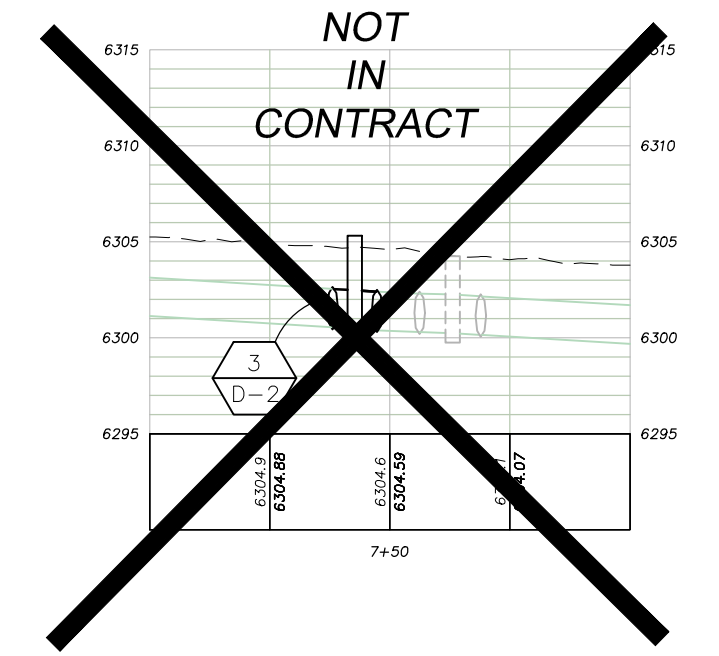
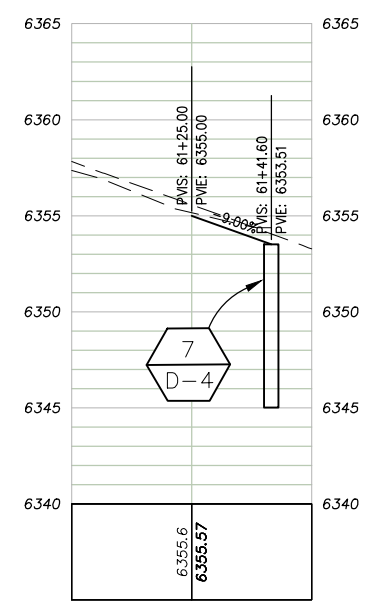


**CONSTRUCTION NOTES:**

- ① — RESTORE DITCH. SEE DETAIL A SHEET L-3. WORK DONE BY OTHERS. (NOT IN CONTRACT)
- ② — CONST ROCK BOWL. 2 CY RIP RAP. SEE DETAIL A SHEET L-3.

**LEGEND**

- WATER LINE
- SEWER LINE
- TELEPHONE LINE
- GAS LINE
- 5** LAND CAPABILITY



FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
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 ROAD NUMBER: ####



COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

LAYOUT  
 SCALE : 1" = 10' H, 1" = 5' V  
 SHEET  
 L-10  
 13 OF 28  
 W.O. No.  
 3610 7003



ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CAD\cadd\5\1D-SIT-Engineering\CIVIL\_3D\_PROJECTS\95157 - III\Engineering\MPLAN\CSA5III\_L.dwg Layout Tab: L-11 Dec 31, 2024 - 12:54pm dgoodell

FOR REDUCED PLANS  
 0 1 2

LAYOUT QUANTITIES																
LAYOUT PLAN SHEET NO.	LAYOUT UNIT	CONST CHANNEL/BERM	CONST DITCH	RESTORE DITCH (BY OTHERS)	ROCK (ROCK BOWLS, ROCK ENERGY DISSIPATOR)	BLC	CURB	TYPE 1 CURB TRANS	TYPE 2 CURB TRANS	CURB INLET	CLASS II AB	CONSTRUCT AC PAVEMENT	REMOVE AC PAVEMENT	DRIVEWAY RECONSTRUCT	LAYOUT UNIT	LAYOUT PLAN SHEET NO.
		EA	LF	LF	CY	LF	LF	EA	EA	EA	CY	SQFT	SQFT	SQFT		
L-2	1	1													1	L-2
	2		96												2	
L-3	1		105												1	L-3
	2			365											2	
L-4	1					431									1	L-4
	2										42	1776	1800		2	
	3			13											3	
	4							1							4	
	5								1						5	
	6													371	6	
L-5	1										5	184	184		1	L-5
	2					29									2	
L-6	1			954											1	L-6
	2				12										2	
	3									1	35				3	
L-7	1			908											1	L-7
	2				14										2	
	3									1	44				3	
L-8	1						339								1	L-8
	2							2							5	
	3										27	1346			6	
	4											1086				
	5													260	7	

LAYOUT QUANTITIES																
LAYOUT PLAN SHEET NO.	LAYOUT UNIT	CONST CHANNEL/BERM	CONST DITCH	RESTORE DITCH (BY OTHERS)	ROCK (ROCK BOWLS, ROCK ENERGY DISSIPATOR)	BLC	CURB	TYPE 1 CURB TRANS	TYPE 2 CURB TRANS	CURB INLET	CLASS II AB	CONSTRUCT ASPHALT CONCRETE PAVEMENT	REMOVE ASPHALT CONCRETE PAVEMENT	DRIVEWAY RECONSTRUCT	LAYOUT UNIT	LAYOUT PLAN SHEET NO.
		EA	LF	LF	CY	LF	LF	EA	EA	EA	CY	SQFT	SQFT	SQFT		
L-9	1						436								1	L-9
	2							1							5	
	3								1						6	
	4										33		2048		7	
	5											1351				
	6													1015	8	
L-10	1			200											1	L-10
	2				2										3	

**GENERAL NOTES:**

- SEE D SHEETS FOR ITEMS NOT DETAILED ON L SHEETS

LAYOUT QUANTITIES  
SCALE : NA

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
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 CHECKED: DWK  
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 ROAD NUMBER: ####

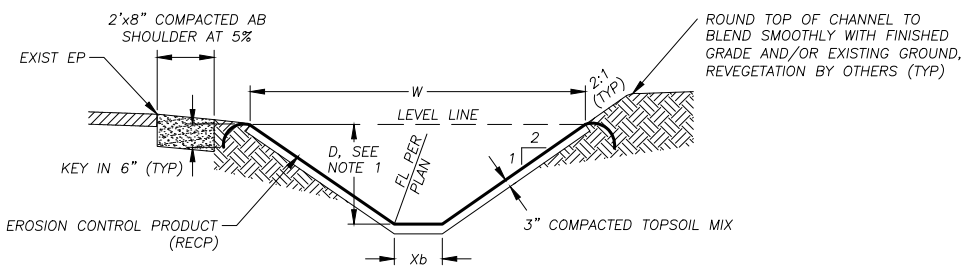


COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
L-11  
14 OF 28  
W.O. No.  
3610 7003

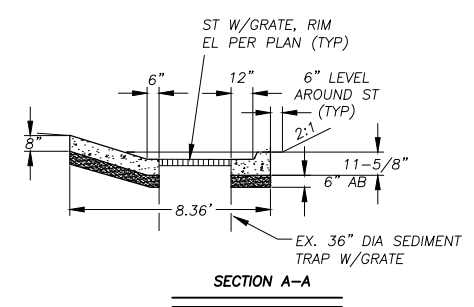
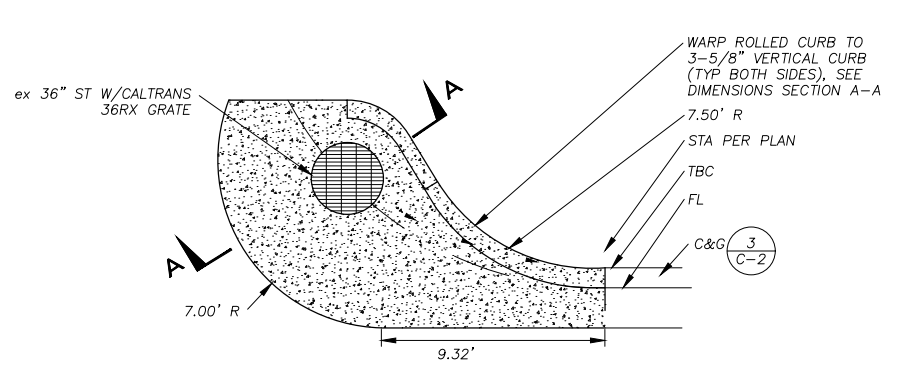
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 Layout Tab: C-1 Dec 31, 2024 12:54pm dgsodell  
 FOR REDUCED PLANS  
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 1  
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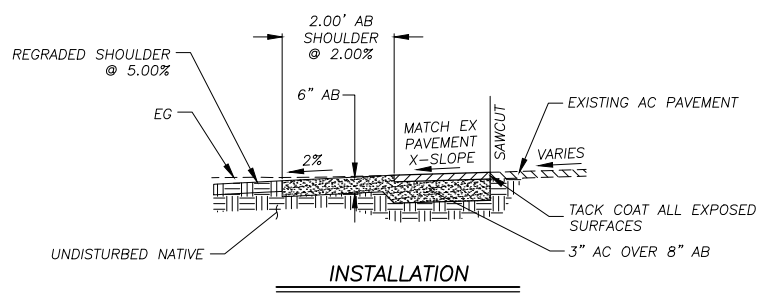
PLAN SHEET	STATIONING	LF	TOP WIDTH, W	BOTTOM WIDTH, Xb	DEPTH, D	SLOPE RATIO, R
L-5	1+71.00 TO 2+00.00	29	VARIES	1.00'	VARIES	2:1

- NOTES:
- DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP OF RECP.
  - SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.
  - BLANKET TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS

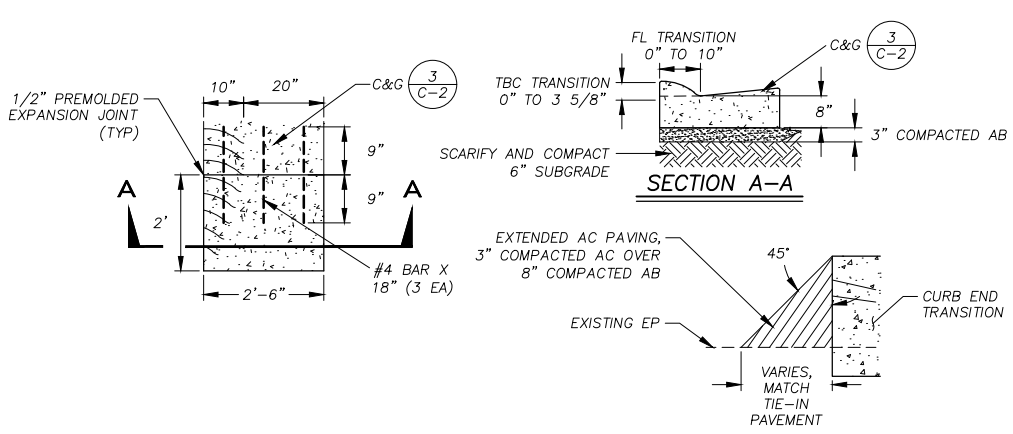
1 BLANKET-LINED CHANNEL (BLC)  
NTS



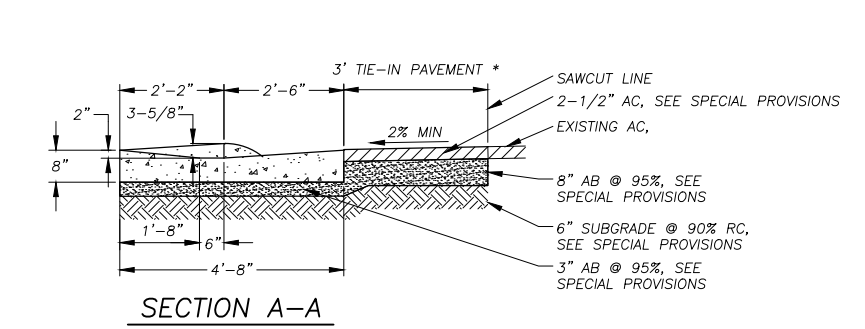
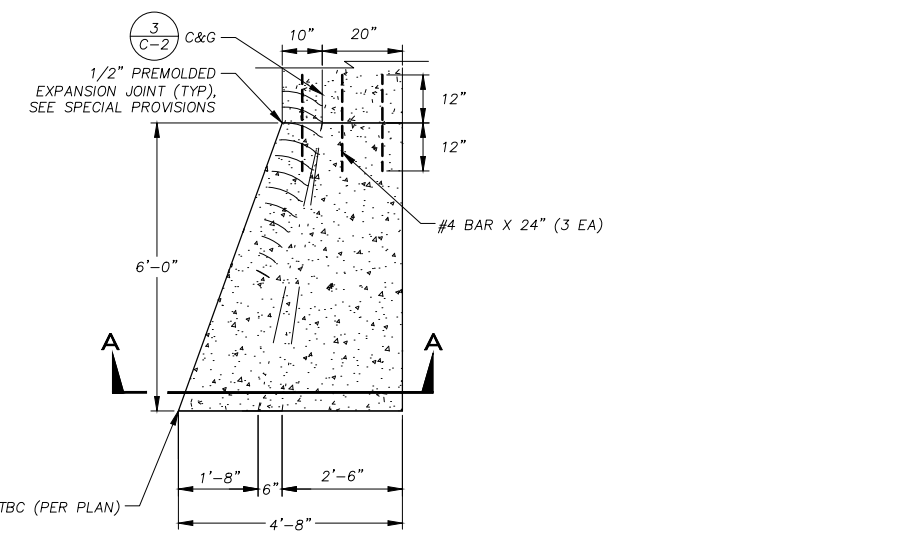
3 CURB INLET  
NTS



4 MISC PAVING  
NTS

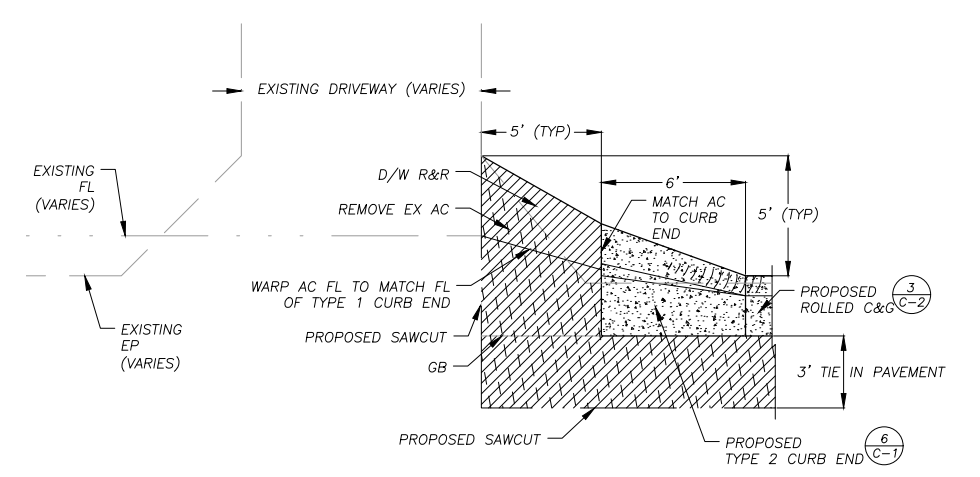


5 TYPE 1 CURB END TRANSITION  
NTS



- NOTES:
- IN AREAS WHERE TYPE 1 CURB END TRANSITIONS TO AC DRIVEWAY, CONTRACTOR TO CONSTRUCT TRANSITION PER DETAIL (7/C-1)

6 TYPE 2 CURB END TRANSITION  
NTS

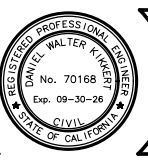


- NOTES:
- DRIVEWAY PAVEMENT REPLACEMENT TO BE 2 1/2" AC OVER 4" AB @ 95% RC.
  - THE ENGINEER SHALL MARK THE SAWCUT LIMITS AT EACH DRIVEWAY.
  - DRIVEWAY PAVING SHALL BE WARPED TO MAINTAIN A SMOOTH TRANSITION AND PREVENT PONDING.

7 TYPE 2 CURB END PAVEMENT  
NTS

2 NOT USED  
NTS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DECEMBER 9, 2024  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

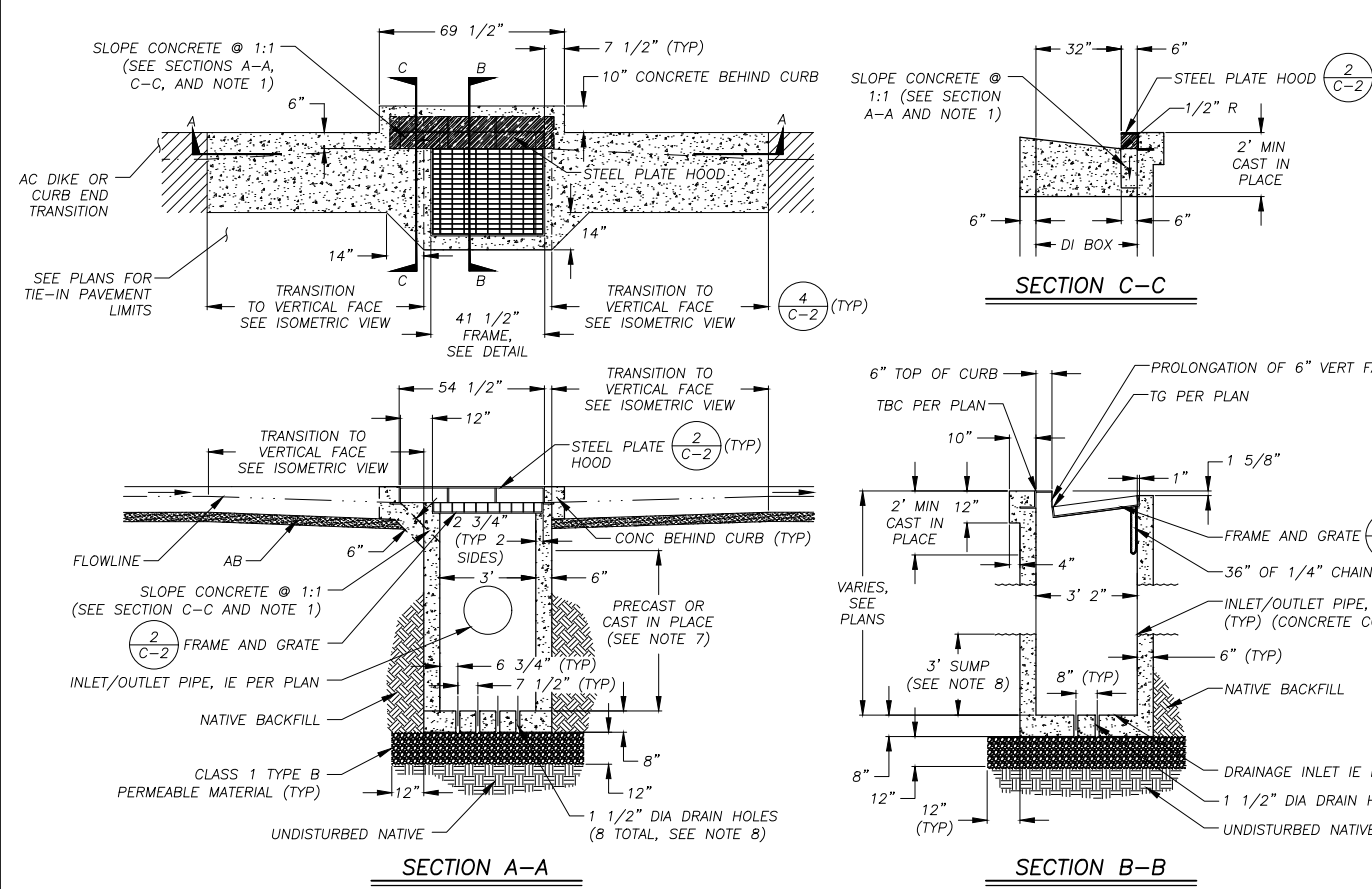


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

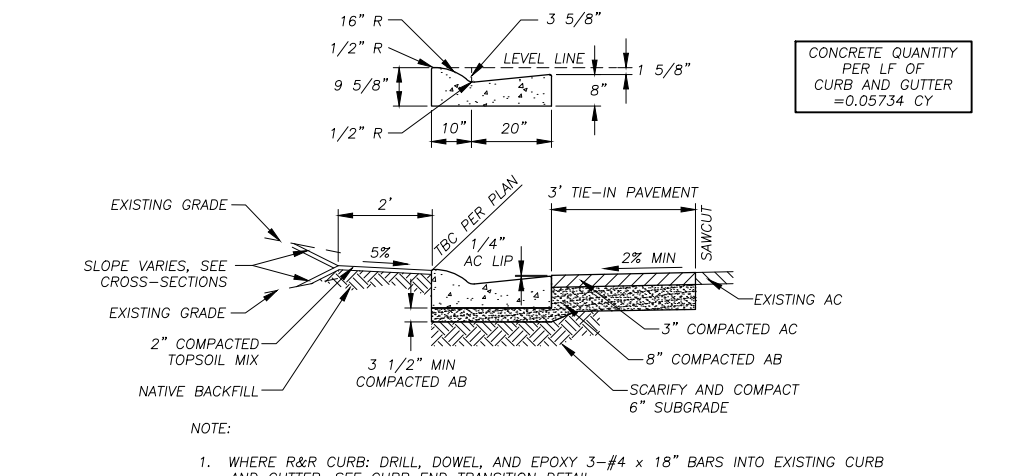
CSA 5 III EROSION CONTROL PROJECT

SHEET  
 C-1  
 15 OF 28  
 W.O. No.  
 3610 7003

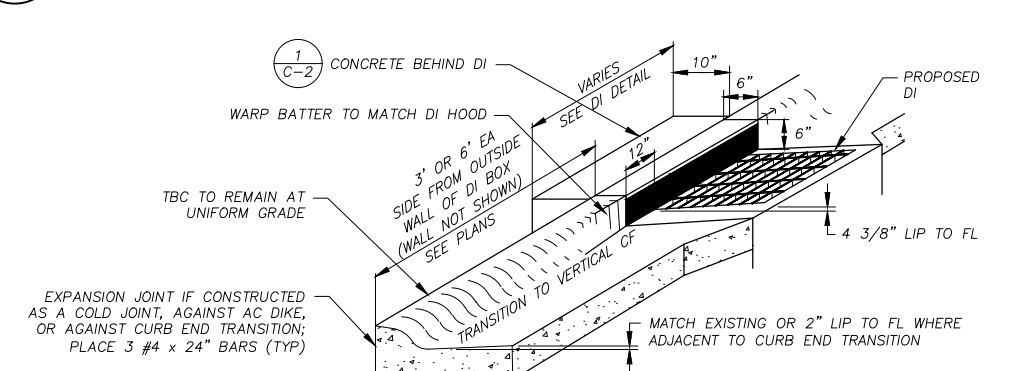
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 Layout Tab: C-2 Dec 31, 2024 12:54pm dgoodell  
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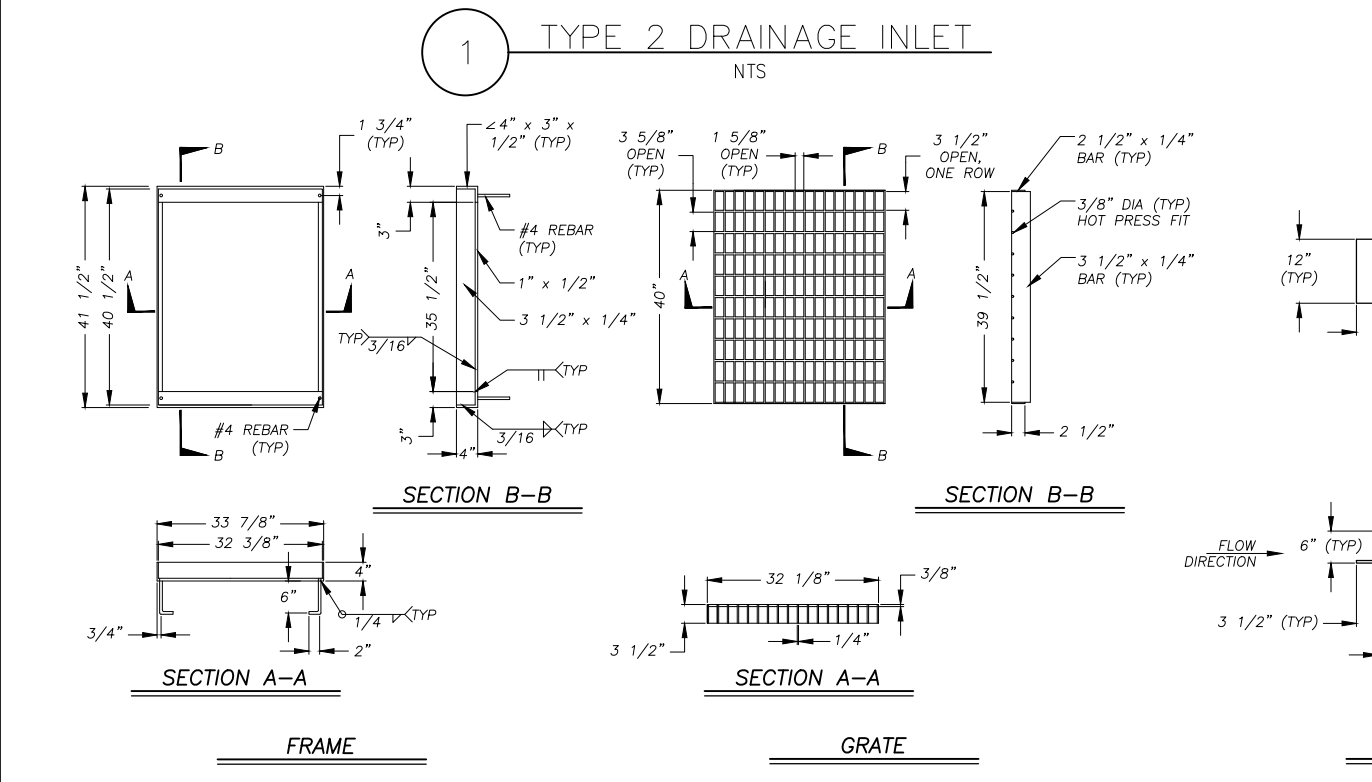
- DRAINAGE INLET NOTES:**
- THE 1:1 SLOPED CONCRETE SECTION IS TO BE POSITIONED ON THE UPSLOPE SIDE OF THE DRAINAGE INLET.
  - DEPRESS GUTTER FLOWLINE FROM EXISTING TO 6", AS MEASURED FROM TBC, PER DI CURB TRANSITION DETAIL.
  - FLOOR OF THE DRAINAGE INLET WILL BE PLACED PRIOR TO OR AT THE SAME TIME AS THE SIDE WALLS, OR TIED WITH REBAR.
  - FRAME AND GRATE WILL CONFORM TO THE FRAME AND GRATE DETAIL ON THE PLANS OR BE PRE-MANUFACTURED BY A FOUNDRY WITH SIMILAR DIMENSIONS.
  - DRAINAGE INLET HOOD WILL BE 1/2" MINIMUM THICKNESS STEEL PLATE PAINTED BLACK.
  - WALL REINFORCING (NOT SHOWN) WILL BE #4 BARS @ 18" OC EACH WAY, PLACED 1 1/2" CLEAR FROM INSIDE OF BOX. INLET BOTTOM REINFORCING NOT REQUIRED EXCEPT AS NOTED IN NOTE 3, ABOVE.
  - A PRECAST UNIT WITH CAST-IN-PLACE TOP SECTION TO RECEIVE GRATE, FRAME AND HOOD IS AN ACCEPTABLE ALTERNATIVE TO CAST-IN-PLACE UNITS. DRAINAGE INLETS THAT ARE ENTIRELY PRECAST ARE NOT ACCEPTABLE. CAST-IN-PLACE TOP SECTIONS WILL BE DOWELED INTO THE CURB AND GUTTER WITH 3-#4 BARS, 18" LONG, ON EACH SIDE OF DRAINAGE INLET.
  - WHEN DIRECTED BY ENGINEER, DRAINAGE INLET IE WILL EQUAL IE OF OUTLET PIPE. YOU ARE TO SLOPE THE DRAINAGE INLET FLOOR TO DRAIN AND OMIT HOLES.



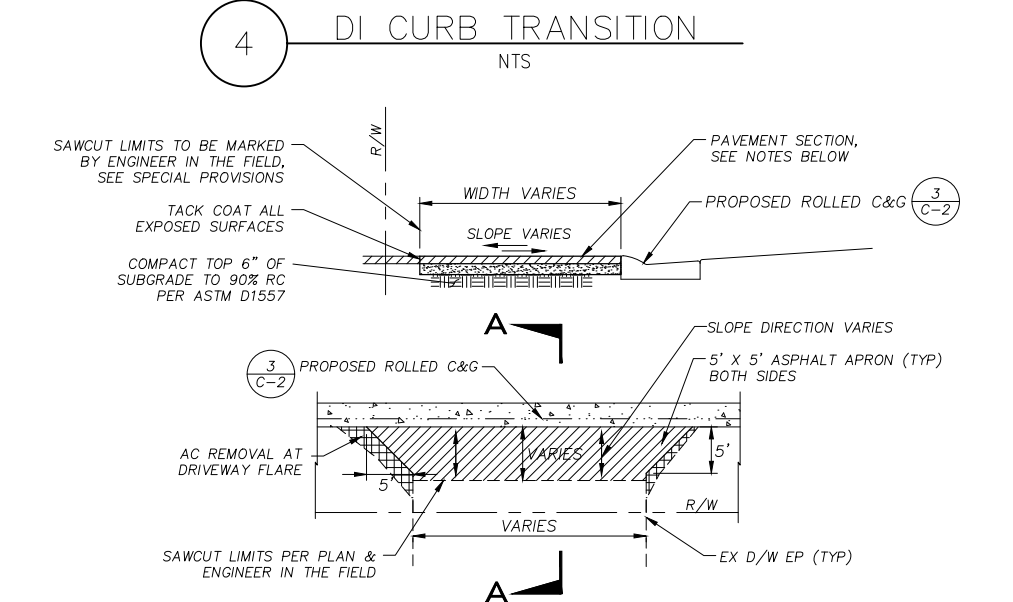
**3 ROLLED CURB AND GUTTER WITH TIE IN PAVEMENT**  
NTS



**4 DI CURB TRANSITION**  
NTS



**2 DRAINAGE INLET, FRAME, GRATE, AND HOOD**  
NTS



**5 DRIVEWAY REMOVE AND REPLACE CONSTRUCTION DETAILS**  
NTS

REVISION	NUMBER	DATE	DESCRIPTION	BY

DESIGNED: DMG  
DRAWN: DMG  
CHECKED: DWK  
DATE: 12/2024  
ROAD NUMBER: ####

PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DECEMBER 9, 2024  
 DATE: \_\_\_\_\_

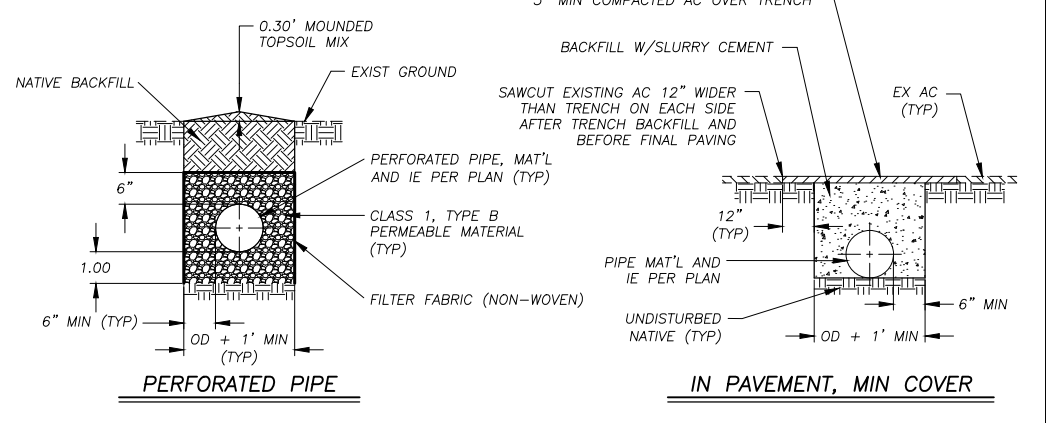
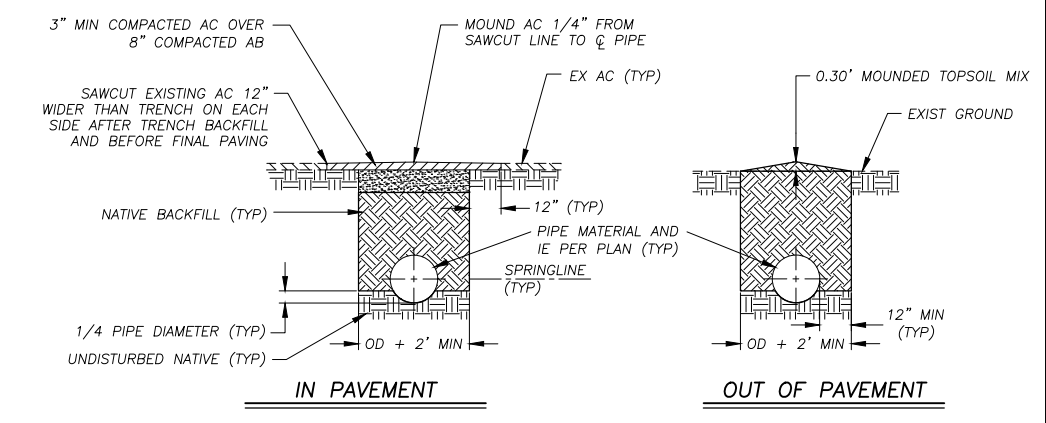
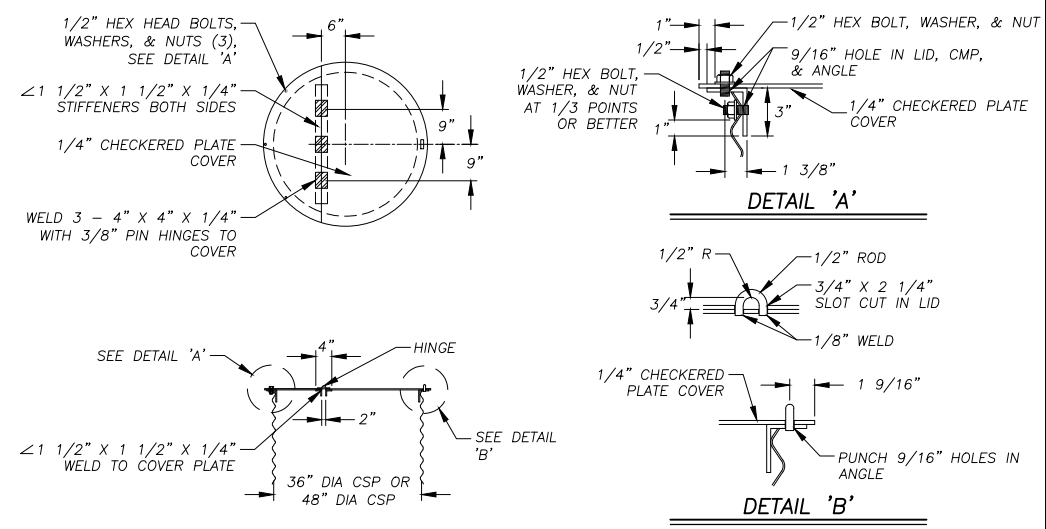
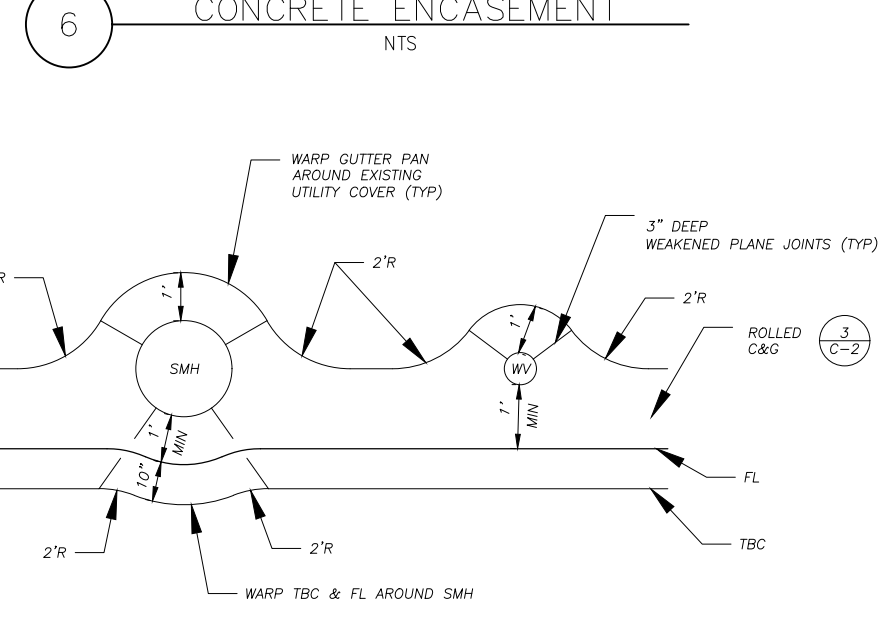
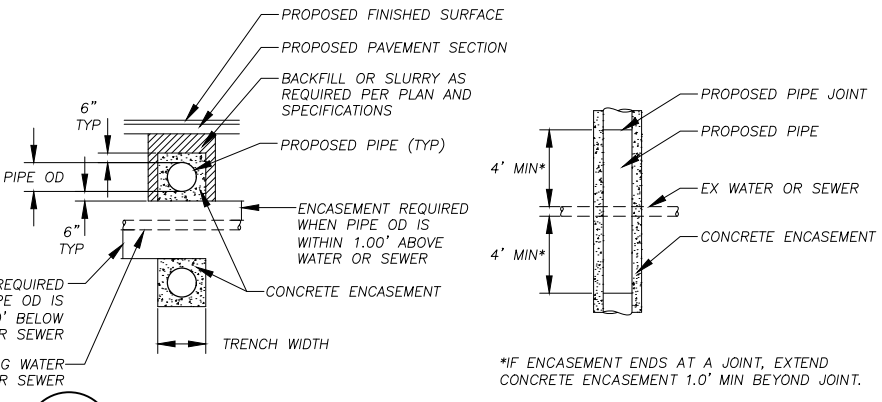
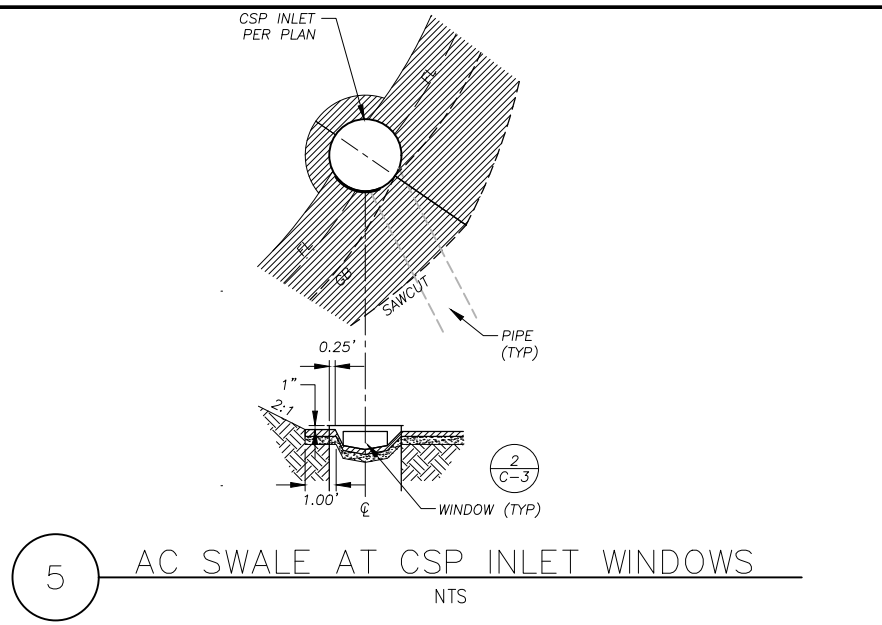
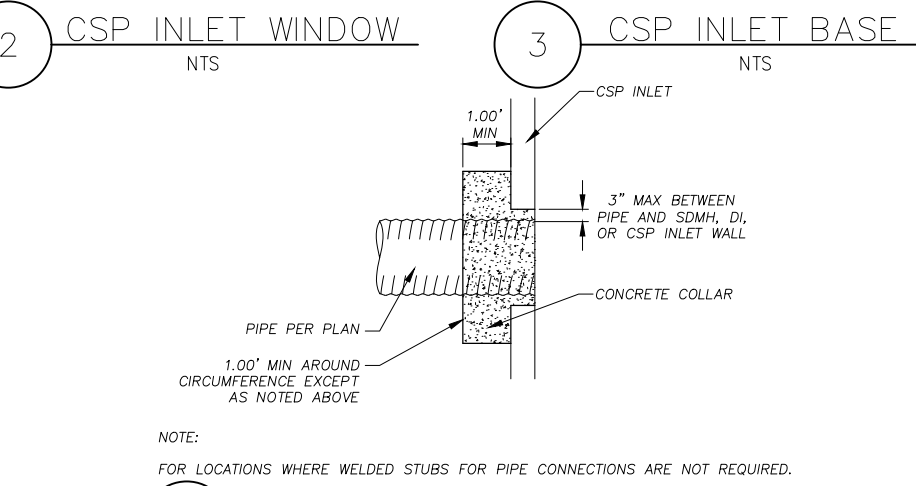
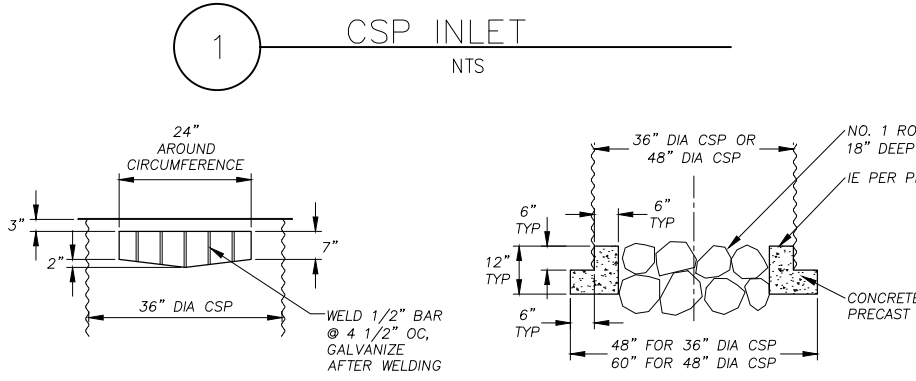
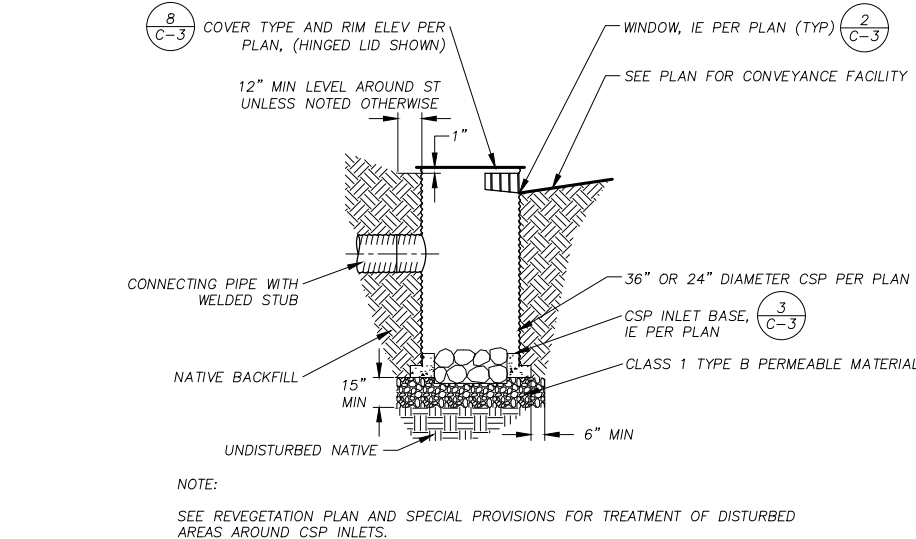
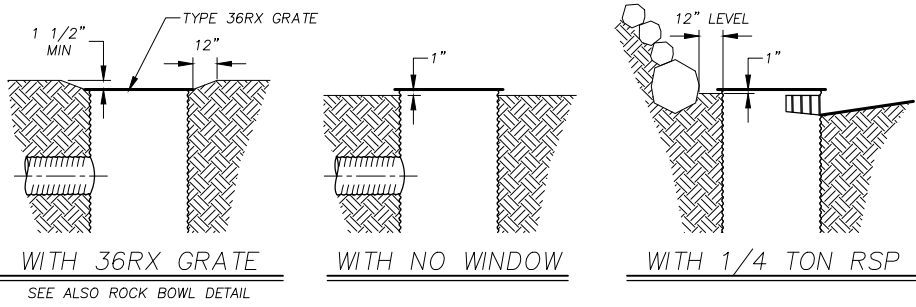
COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

SHEET  
 C-2  
 16 OF 28  
 W.O. No. 3610 7003

CSA 5 III EROSION CONTROL PROJECT  
 SCALE: NA



ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CADD\cadd\5\17 - III\Engineering\MP\PLAN\CSA5III\_C.dwg Layout Tab: C-3 Dec 31, 2024 12:54pm dgoodell  
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 REVISION  
 NUMBER DATE DESCRIPTION BY



NOTES:  
 1. SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE PIPE TRENCH BACKFILL SHALL BE SLURRY CEMENT.  
 2. FOR REMOVAL OF EXISTING PIPE IN PAVEMENT: PRIOR TO PAVING, SAWCUT THE EXISTING AC PAVEMENT 12" WIDER THAN THE TRENCH ON EACH SIDE AND EXCAVATE AS REQUIRED TO ACCOMMODATE THE NEW PAVEMENT SECTION.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DECEMBER 9, 2024

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

SHEET C-3  
 17 OF 28  
 W.O. No. 3610 7003  
 CSA 5 III EROSION CONTROL PROJECT  
 CONSTRUCTION DETAILS SCALE: NA

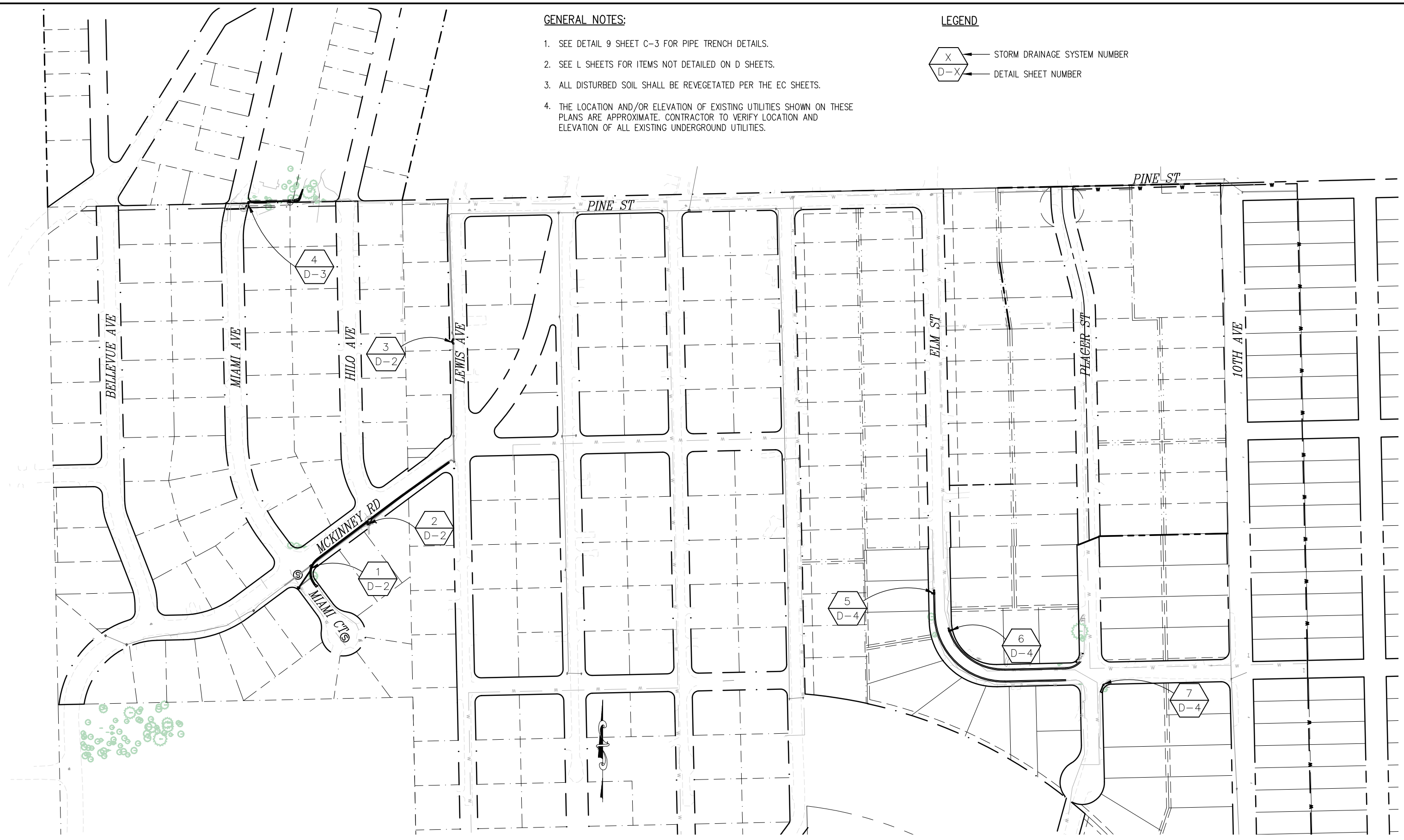
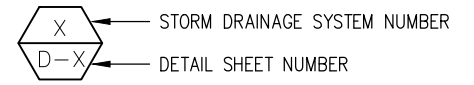
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**GENERAL NOTES:**

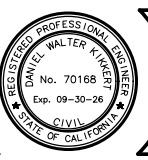
1. SEE DETAIL 9 SHEET C-3 FOR PIPE TRENCH DETAILS.
2. SEE L SHEETS FOR ITEMS NOT DETAILED ON D SHEETS.
3. ALL DISTURBED SOIL SHALL BE REVEGETATED PER THE EC SHEETS.
4. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

**LEGEND**



DRAINAGE  
SCALE : 1" = 60'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
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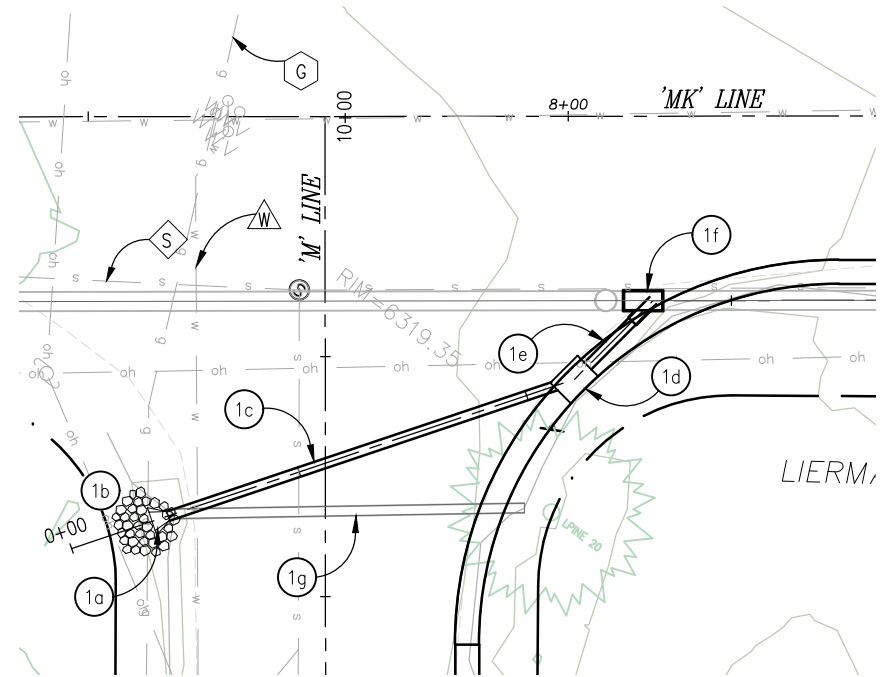


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

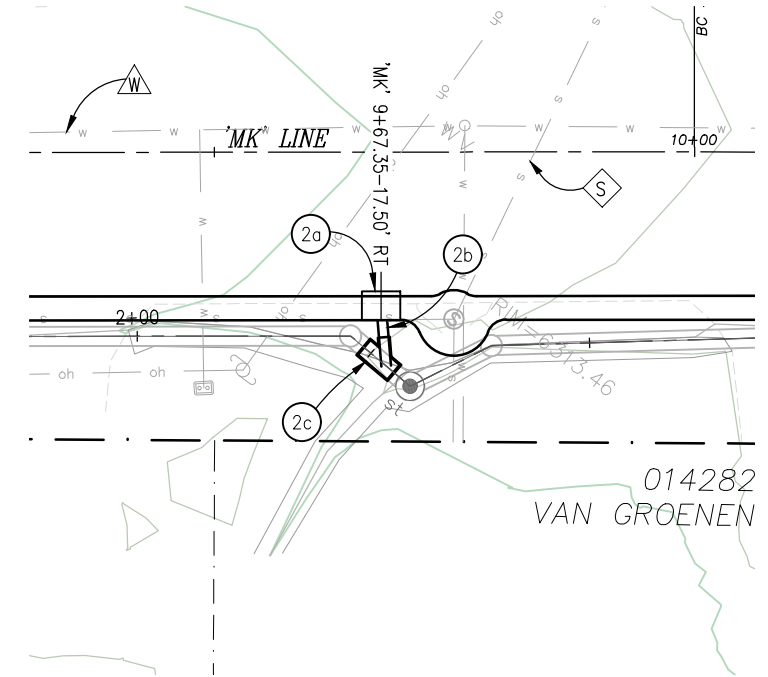
CSA 5 III EROSION CONTROL PROJECT

SHEET  
 D-1  
 18 OF 28  
 W.O. No. 3610 7003

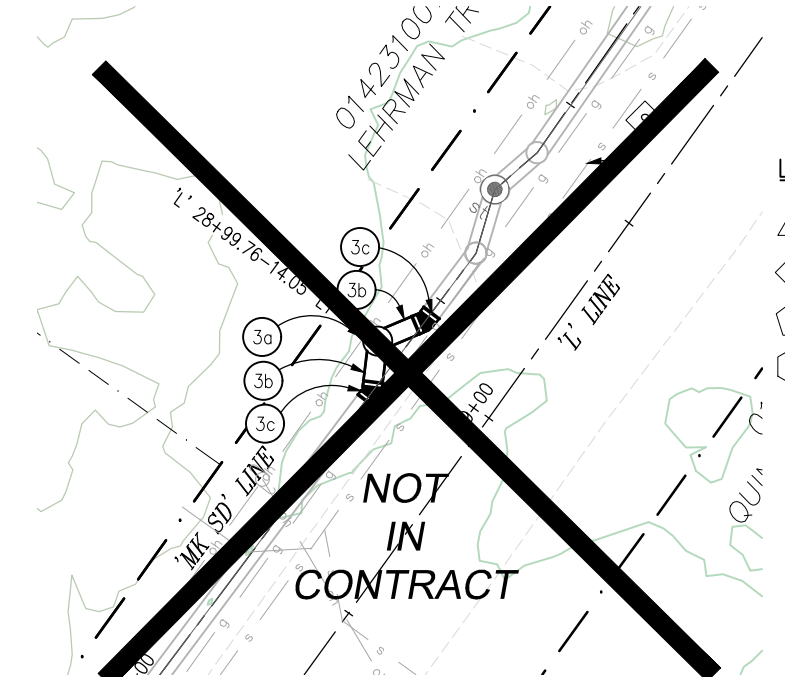
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SD SYSTEM 1 - PLAN  
 SCALE: 1"=10'

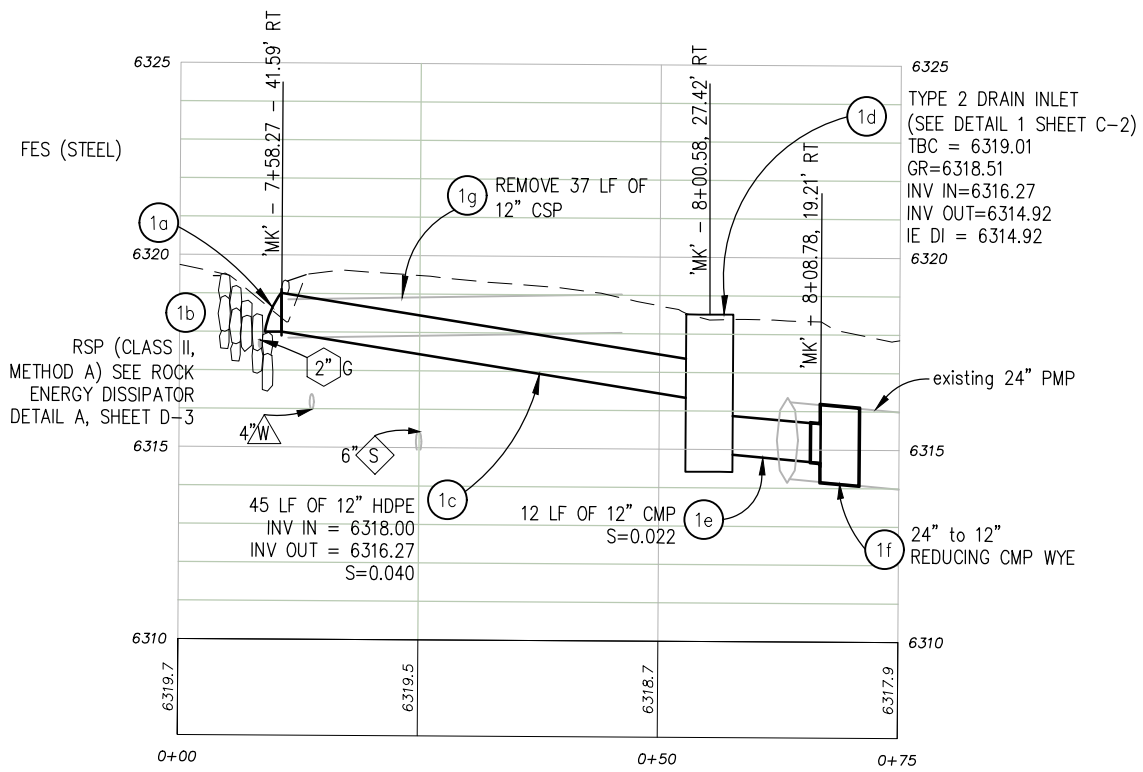


SD SYSTEM 2 - PLAN  
 SCALE: 1"=10'

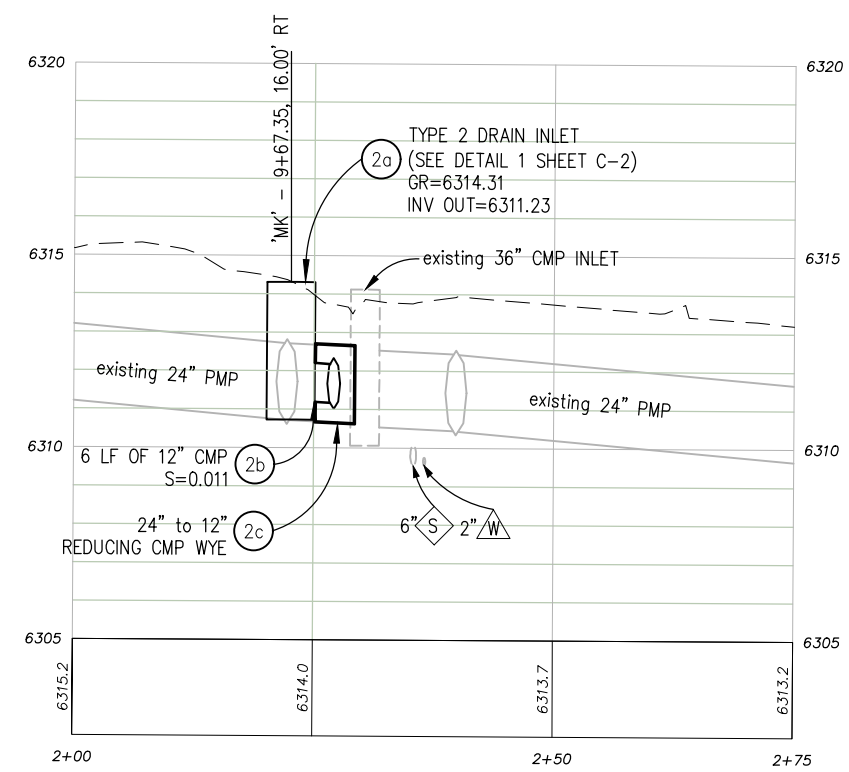


SD SYSTEM 3 - PLAN  
 SCALE: 1"=10'

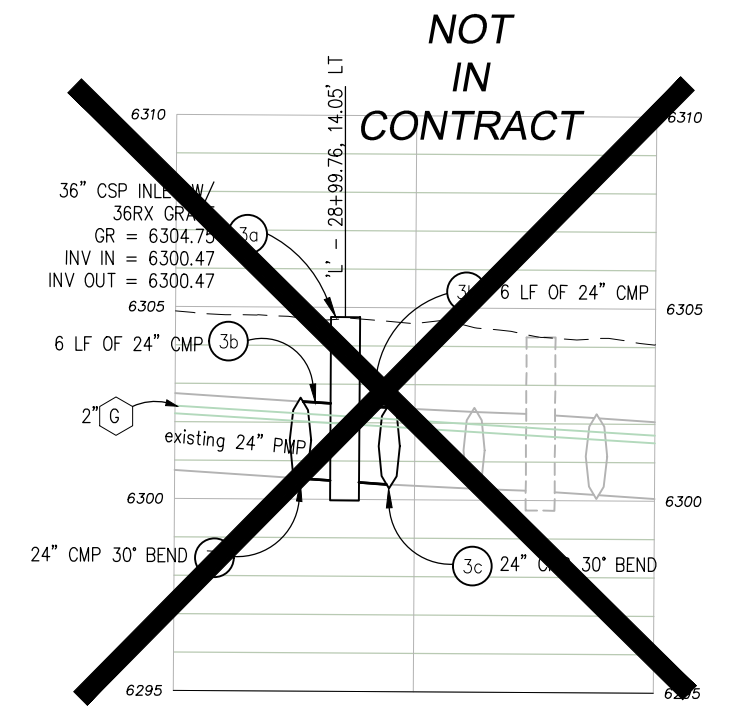
- LEGEND**
- WATER LINE
  - SEWER LINE
  - TELEPHONE LINE
  - GAS LINE



SD SYSTEM 1 - PROFILE  
 SCALE: 1"=10' H, 1" = 2.5' V



SD SYSTEM 2 - PROFILE  
 SCALE: 1"=10' H, 1" = 2.5' V



SD SYSTEM 3 - PROFILE  
 SCALE: 1"=10' H, 1" = 2.5' V

FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
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 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
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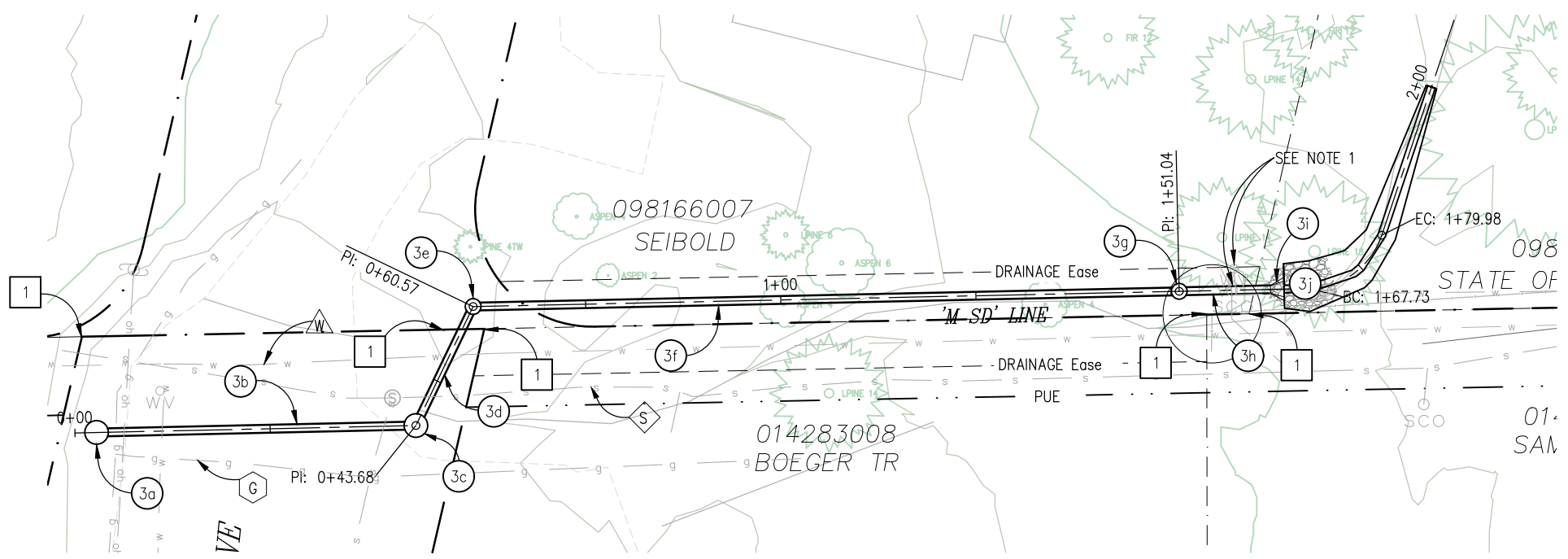
COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

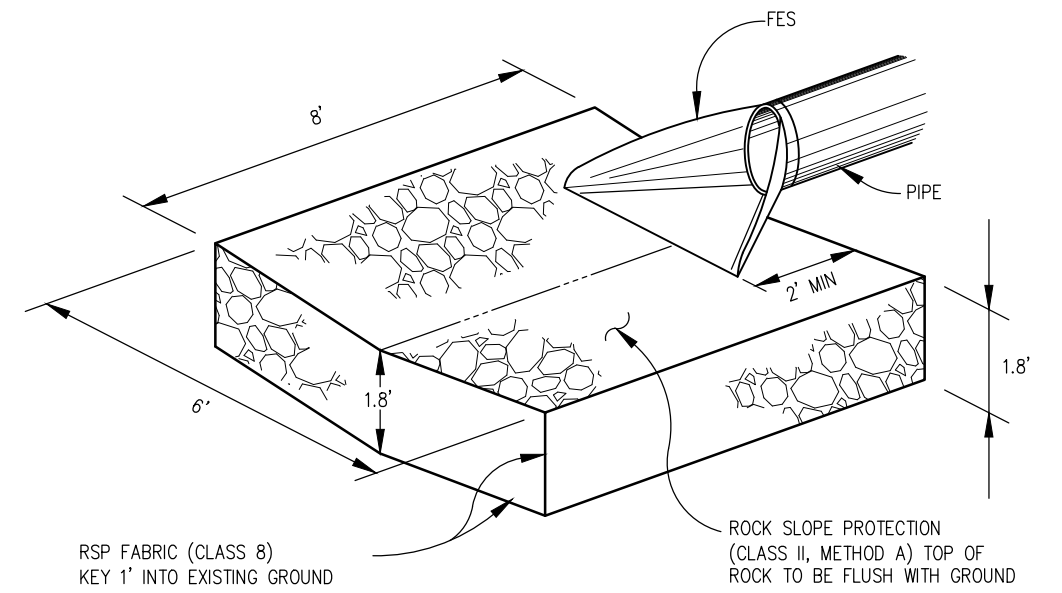
SHEET  
 D-2  
 19 OF 28  
 W.O. No.  
 3610 7003



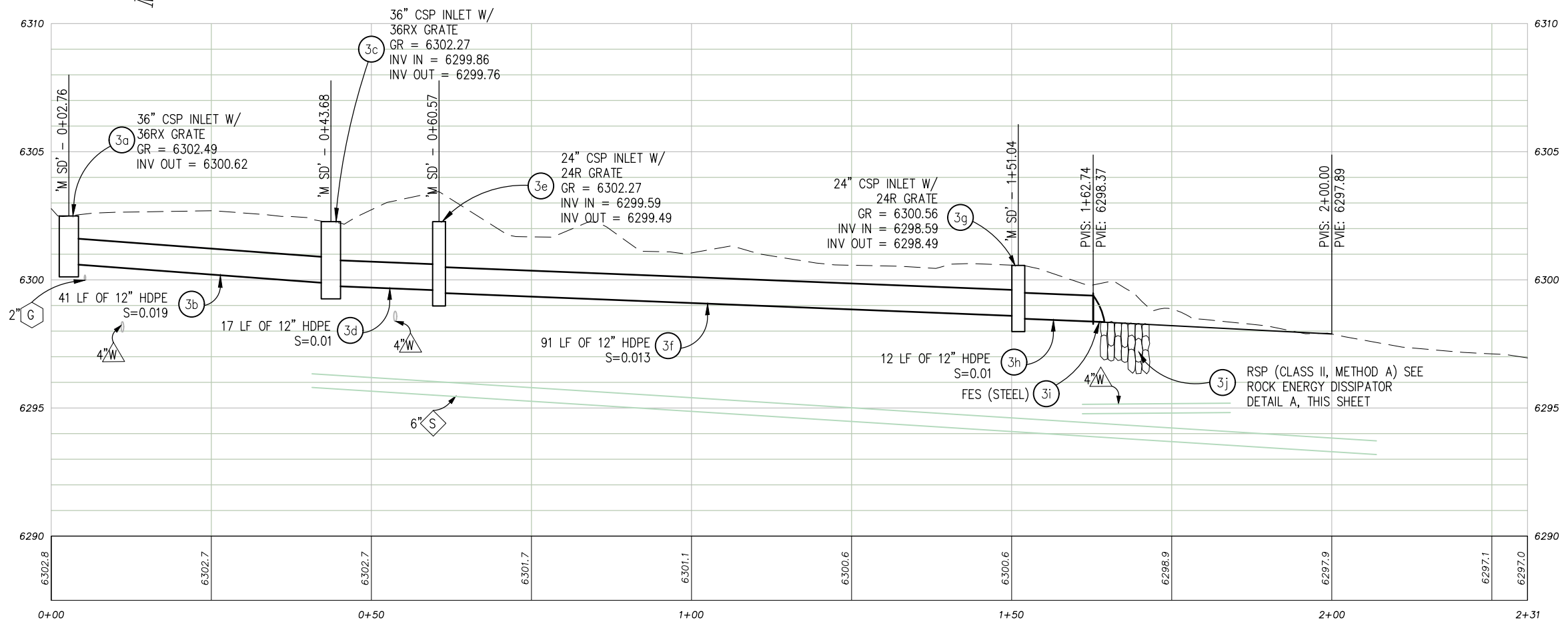
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 FOR REDUCED PLANS  
 REVISION  
 NUMBER DATE DESCRIPTION BY



SD SYSTEM 4 - PLAN  
SCALE: 1"=10'



A ROCK ENERGY DISSIPATOR (RED)  
NTS



SD SYSTEM 4 - PROFILE  
SCALE: 1"=10' H, 1" = 2.5' V

**GENERAL NOTES:**

- 1. FOR EXISTING SEWER CLEAN OUT AND WATER VALVE, RELOCATE PER ENGINEER IN THE FIELD

**CONSTRUCTION NOTES:**

- 1 - PROPERTY CORNER. PROTECT IN PLACE

**LEGEND**

- WATER LINE
- SEWER LINE
- TELEPHONE LINE
- GAS LINE



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: **DECEMBER 9, 2024**

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

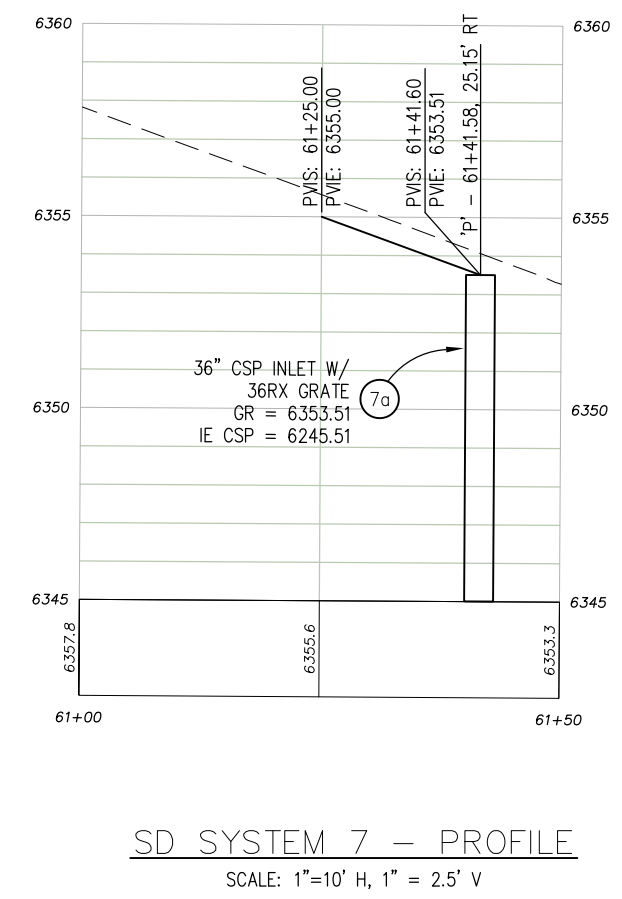
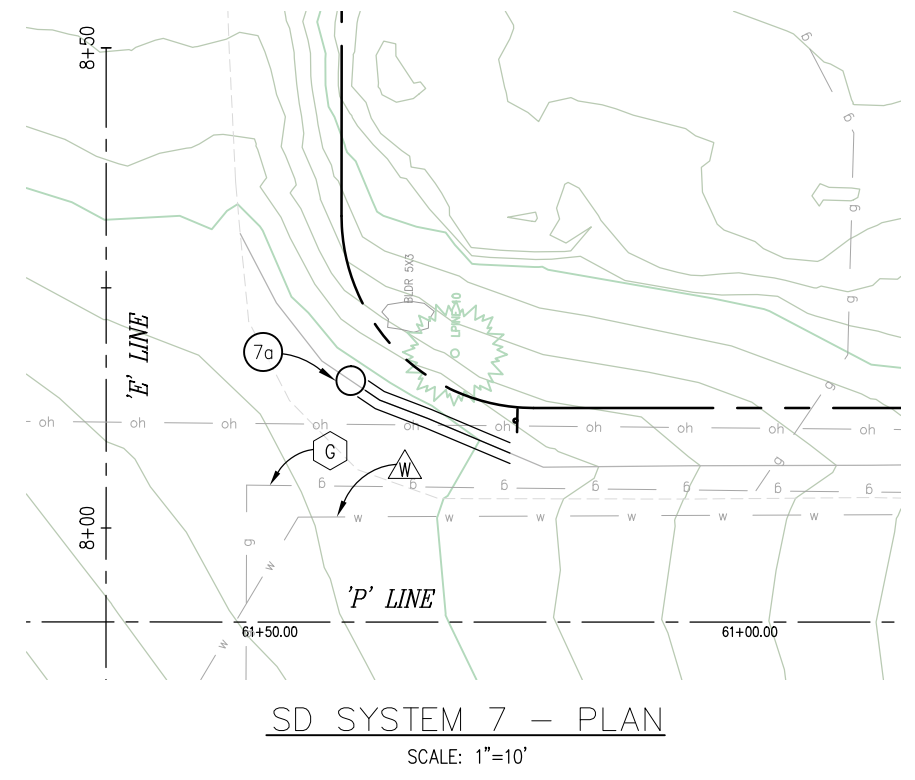
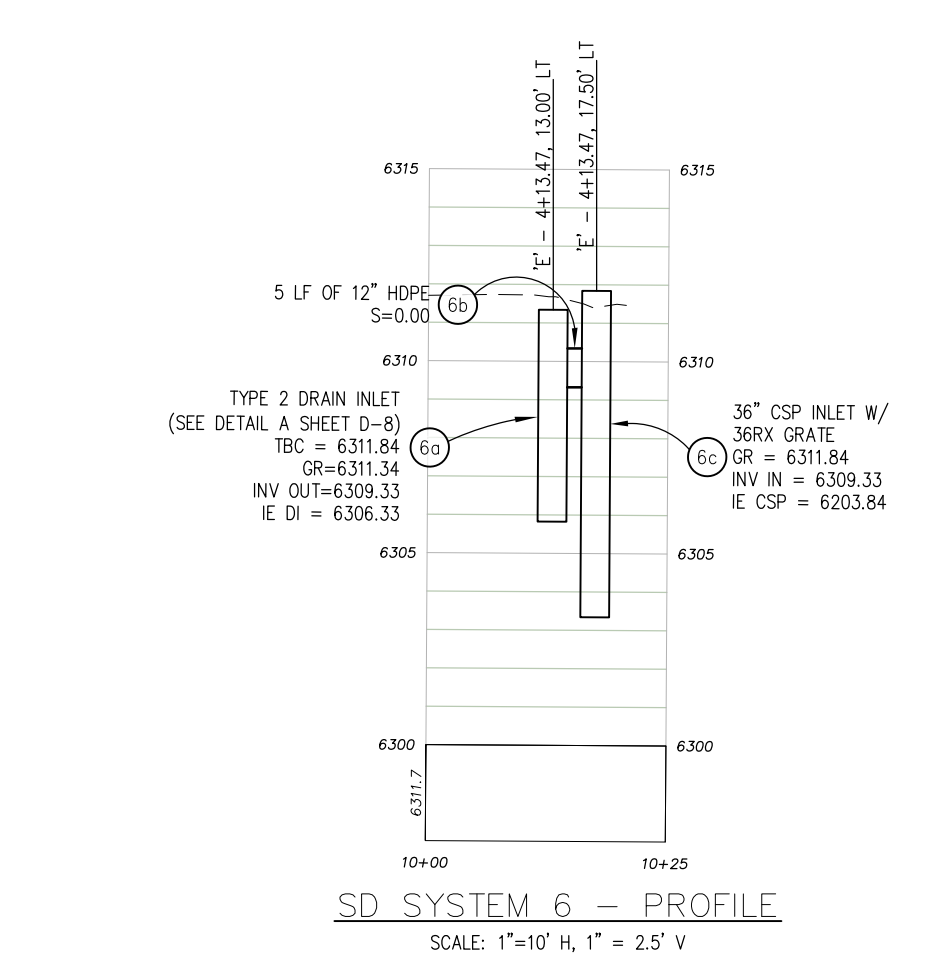
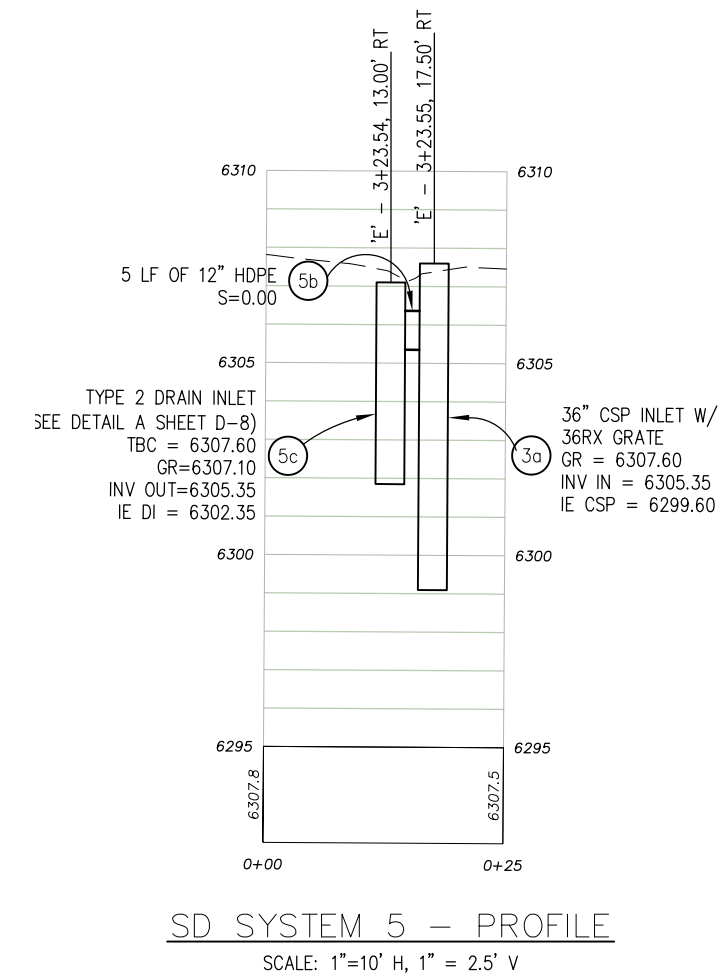
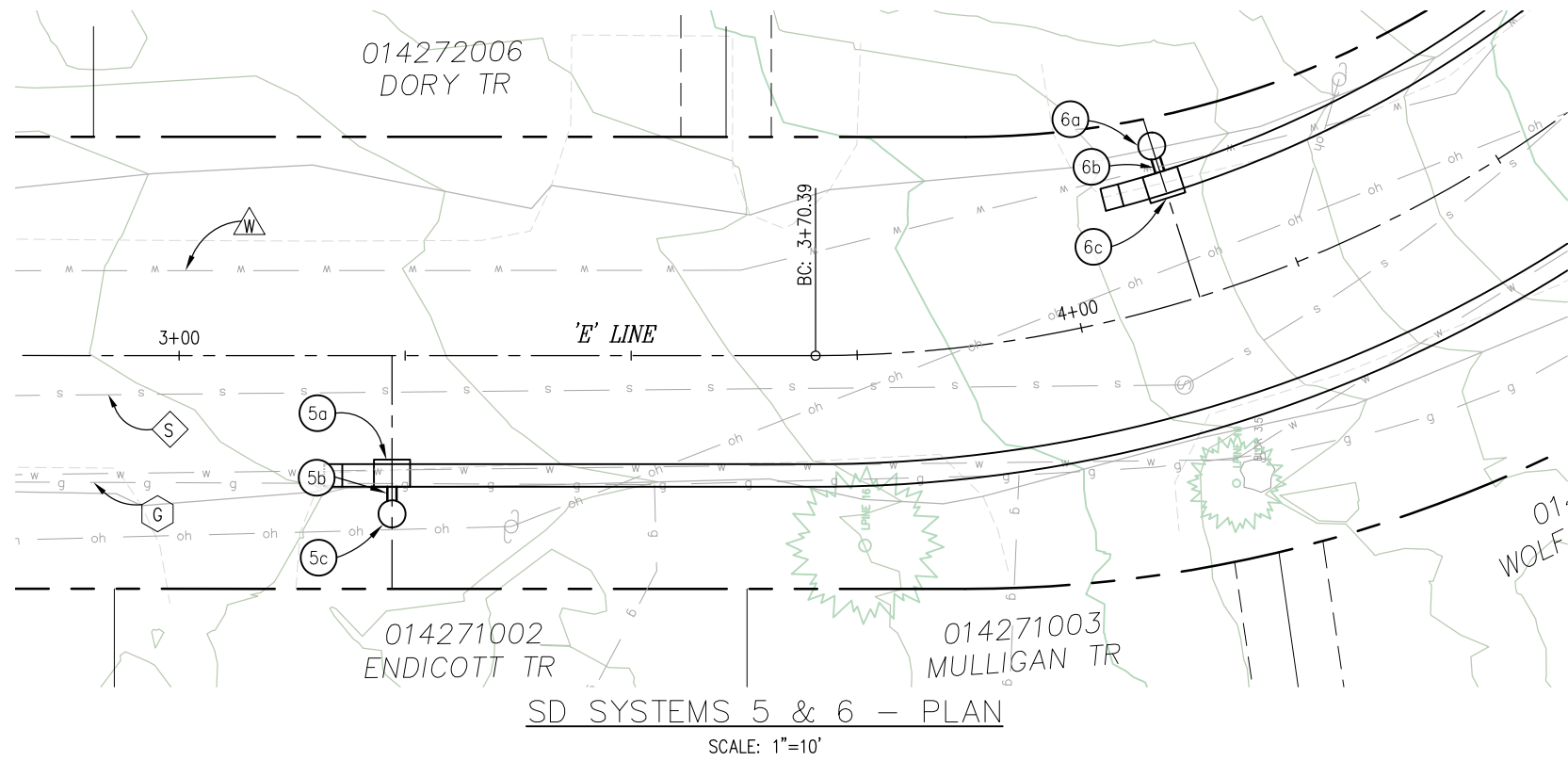


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 D-3  
 20 OF 28  
 W.O. No. 3610 7003

ORIGINAL SCALE IS IN INCHES  
 Drawing name: Y:\CIVIL\_3D\_PROJECTS\95157 - III\Engineering\MPLAN\CSA5III\_D.dwg Layout Tab: D-4 Jan 02, 2025 - 10:26am dkikert  
 FOR REDUCED PLANS  
 2  
 1  
 0



**LEGEND**

- WATER LINE
- SEWER LINE
- TELEPHONE LINE
- GAS LINE

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

*[Signature]*

REGISTERED CIVIL ENGINEER

DECEMBER 9, 2024

DESIGNED: DMG  
DRAWN: DMG  
CHECKED: DWK  
DATE: 12/2024  
ROAD NUMBER: ####



COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
D-4  
21 OF 28  
W.O. No.  
3610 7003

ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CDADat65\T-D-SI-Engineering\CIVIL 3D PROJECTS\95157 - III\Engineering\MPLAN\CSA5III\_D.dwg Layout Tab: D-5 Dec 31,2024 - 12:56pm dpcocdel  
 FOR REDUCED PLANS  
 0 1 2

**GENERAL NOTES:**

1. SEE DETAIL B SHEET D-2 FOR PIPE TRENCH DETAILS.
2. SEE L SHEETS FOR ITEMS NOT DETAILED ON D SHEETS.
3. ALL DISTURBED SOIL SHALL BE REVEGETATED PER THE EC SHEETS.
4. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.
5. [N] NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

DRAINAGE QUANTITIES																	
DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT	36" CSP INLET W/ 36RX GRATE	12" HDPE PIPE	12" CMP	24" CMP	TYPE II DI	24" TO 12" REDUCING CMP WYE	24" CSP INLET W/ 36R GRATE	FES (STEEL)	ROCK, RSP CLASS II (RED)	24" HDPE 30° BEND [N]	REMOVE 12" CMP [N]	DRAINAGE UNIT	DRAINAGE SYSTEM NO.	DRAINAGE PLAN SHEET NO.	
D-2	1		EA	LF	LF	LF	EA	EA	EA	EA	CY	EA				D-2	
		a								1				a			
		b										2			b		
		c		45											c		1
		d						1							d		
	e				12									e			
	f							1						f			
	g												1				
	2	a						1							a		
		b			6										b	2	
c								1						c			
3	a,b,c	NIC									NIC		a,b,c	3			
D-3	4	a	1											a		D-3	
		b		41										b			
		c	1											c			
		d		17										d			
		e								1				e			
		f		91										f			
		g								1				g			
		h		12										h			
		i									1			i			
		j										2			j		
D-4	5	a					1								5	D-4	
		b		5													
		c	1														
	6	a						1							6		
		b		5													
		c	1														
		a	1														
7	a	1															

DRAINAGE QUANTITIES  
SCALE : NA

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



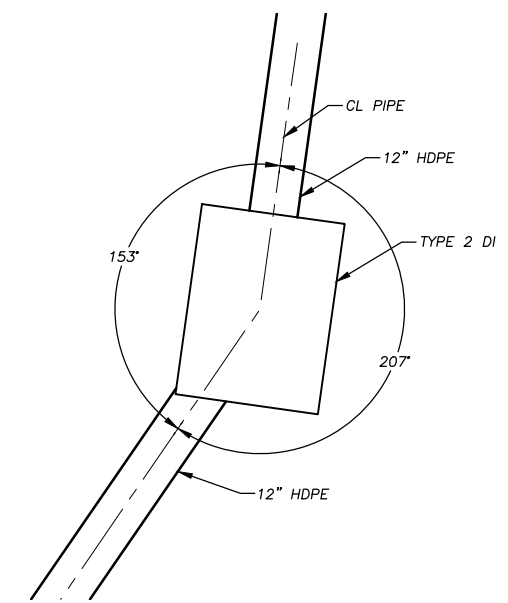
COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

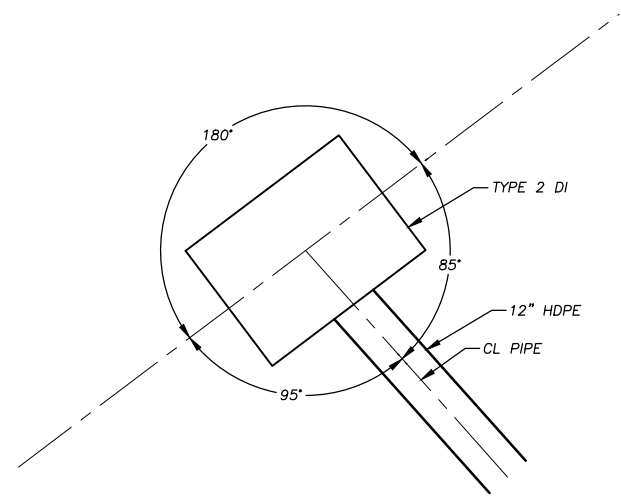
SHEET  
D-5  
22 of 28  
W.O. No.  
3610 7003



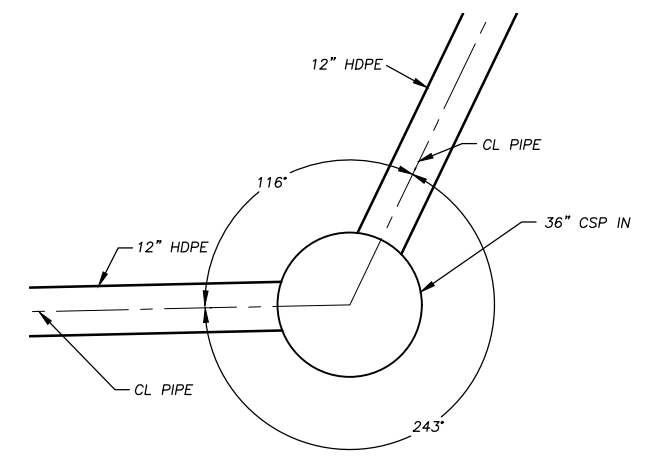
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 FOR REDUCED PLANS  
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 1  
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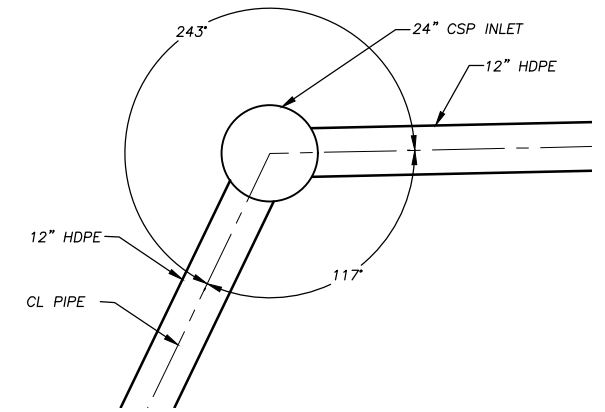
TYPE 2 DRAIN INLET AT 'MK' 8+00.58  
(SHEET D-2)  
NTS



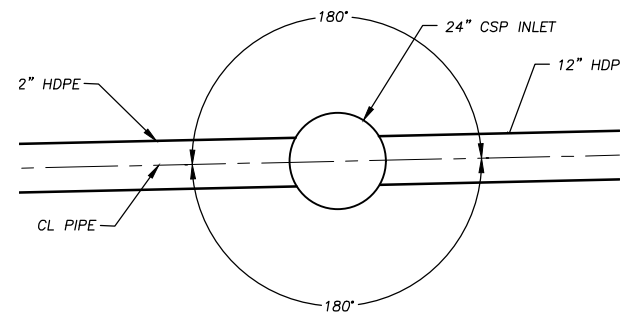
TYPE 2 DRAIN INLET AT 'MK' 9+67.35, 16+00 RT  
(SHEET D-2)  
NTS



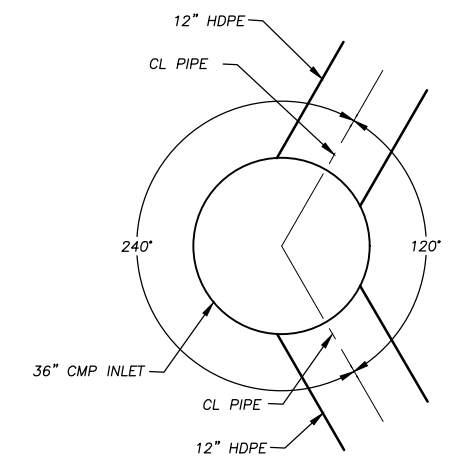
36"Ø CSP INLET AT 'M SD' 0+43.68  
(SHEET D-3)  
NTS



24"Ø CSP INLET AT 'M SD' 0+60.57  
(SHEET D-3)  
NTS



24"Ø CSP INLET AT 'M SD' 1+51.04  
(SHEET D-3)  
NTS



36"Ø CSP INLET AT 'L' 28+99.76, 14.05' LT  
(SHEET D-2)  
NTS

HORIZONTAL CONTROL  
SCALE : NA

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

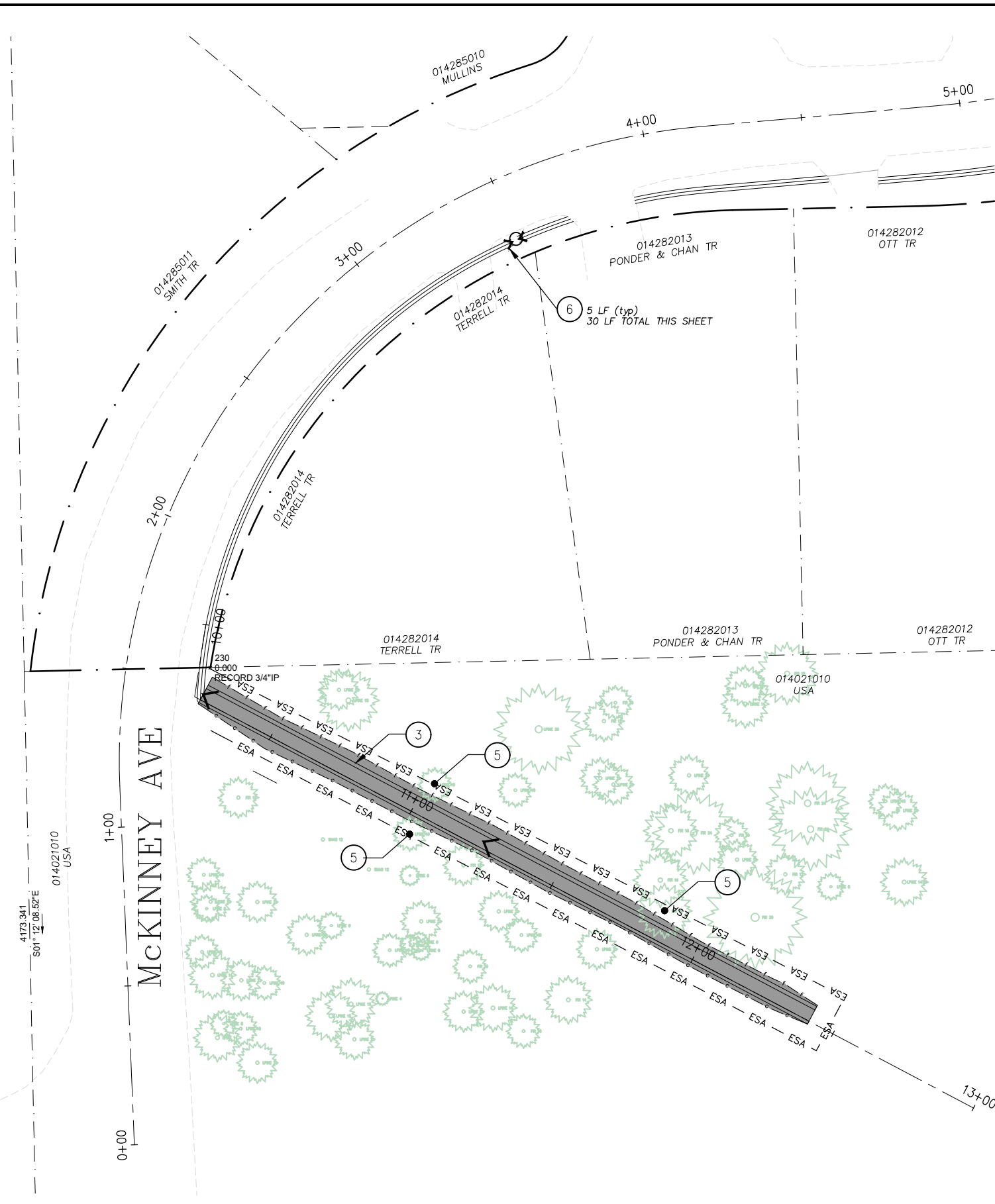


COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
HC-1  
23 OF 28  
W.O. No.  
3610 7003

ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CDADat05\1-D-S-I-Engineering\CIVIL 3D PROJECTS\95157 - III\Engineering\WPLAN\CSA5III EC.dwg Layout: Job: 19 EC-1 Dec 31, 2024 - 12:56pm dpcodell  
 FOR REDUCED PLANS  
 2  
 1  
 0



EROSION CONTROL QUANTITIES						
EROSION CONTROL SHEET NO.	REVEGETATION (TYPE 1)	REVEGETATION (TYPE 3)	TEMPORARY FENCE (RSF)	TEMPORARY FENCE (ESA)	SEDIMENT CONTROL (WEIGHTED FIBER ROLL)	STAGING AND STORAGE
	SF	SF	LF	LF	LF	SF
EC-1		2109		460	30	
EC-2	1593				70	
EC-3			33	421	80	3145
TOTAL	1593	2109	33	881	180	3145

EARTHWORK QUANTITIES						
FACILITY	CUT	FILL	SALVAGED SOIL	HUMUS	TOP SOIL MIX	MULCH
	CY	CY	CY	CY	CY	CY
BERM	21	22	15	5	20	7
CHANNEL	3					
McK C&G	93	10				2
ELM C&G	203	27				3
TOTALS	320	59	15	5	20	12

**LEGEND**

- ESA - TEMPORARY HIGH VISIBILITY FENCING FOR ENVIRONMENTALLY SENSITIVE AREAS (TYPE ESA) PER CALTRANS STANDARD PLAN T65.
- RSF - TEMPORARY REINFORCED SILT FENCE. SEE DETAIL C SHEET EC-4.
- ~ ~ ~ FIBER ROLL
- > SEDIMENT CONTROL (WEIGHTED FIBER ROLL)
- [ ] STAGING AND STORAGE AREAS.
- [ ] TYPE 1 REVEGETATION.
- [ ] TYPE 2 REVEGETATION.
- [ ] TYPE 3 REVEGETATION.

**EROSION CONTROL CONSTRUCTION NOTES:**

- 1 - TYPE 1 - CONTRACTOR TO PLACE 2" COMPACTED TOPSOIL MIX, COUNTY TO ADD SEED, CONTRACTOR TO APPLY 1" MULCH, CONTRACTOR TO APPLY TACKIFIER. FOR AREAS ADJACENT TO ROAD SHOULDERING, PIPE INSTALLATION, DISTURBED AREAS ADJACENT TO IMPROVEMENTS, AND GRADE TO DRAIN LOCATIONS, UNLESS NOTED OTHERWISE.
- 2 - TYPE 2 - COUNTY ADDS SEED, CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- 3 - TYPE 3 - CONTRACTOR TO PLACE 3" COMPACTED TOPSOIL MIX ON CHANNEL SIDES, COUNTY TO PLACE SEED, CONTRACTOR TO PLACE RECP (BLANKET) ON CHANNEL SIDES, CONTRACTOR TO APPLY TACKIFIER. FOR AREAS ASSOCIATED CHANNEL AND THE SLOPES ABOVE THE CHANNEL.
- 4 - STAGING AND STORAGE AREAS. CONTRACTOR TO MAINTAIN ACCESS TO TROUGH TRAFFIC ON ADJACENT ROADWAY.
- 5 - TREE PROTECTION. CONTRACTOR TO INSTALL PROTECTION ON TREES LOCATED WITHIN THE ESA FENCE. SEE DETAILS A AND B SHEET EC-4.
- 6 - INSTALL SEDIMENT CONTROL. (WEIGHTED FIBER ROLL)

**EROSION CONTROL GENERAL NOTES:**

1. MULCH - TO BE APPLIED BY HAND OR WITH BLOWER EQUIPMENT AND NOT PLACED IN CHANNELS OR EXISTING CHANNELS.
2. HUMUS - TO BE BLENDED WITH SALVAGED SOIL.
3. TOPSOIL MIX - A BLEND OF SOIL SALVAGED FROM EXCAVATED AREAS (3 PARTS) WITH HUMUS (1 PART).
4. TACKIFIER - CONTRACTOR TO APPLY WOOD-CELLULOSE FIBER MULCH/TACKIFIER OVER AREAS THAT RECEIVE MULCH.
5. ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK BY THE COUNTY FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM VEGETATION SURVIVAL.
6. FOR TEMPORARY OPEN PAVEMENT EXCAVATION PROTECTION, USE DETAIL D SHEET EC-4 AS REQUIRED.
7. FOR TEMPORARY INLET PROTECTION USE CALTRANS STANDARD PLAN T61 AS REQUIRED.
8. TREE SIZES ARE APPROXIMATE. ACTUAL SIZES MAY VARY SLIGHTLY.

EROSION CONTROL  
SCALE : 1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

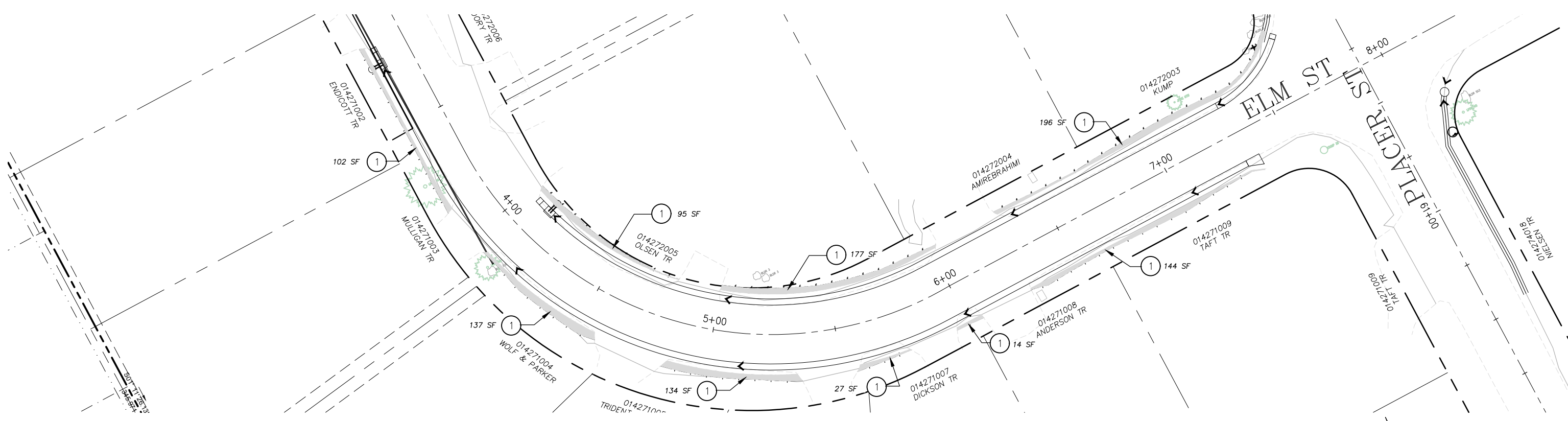
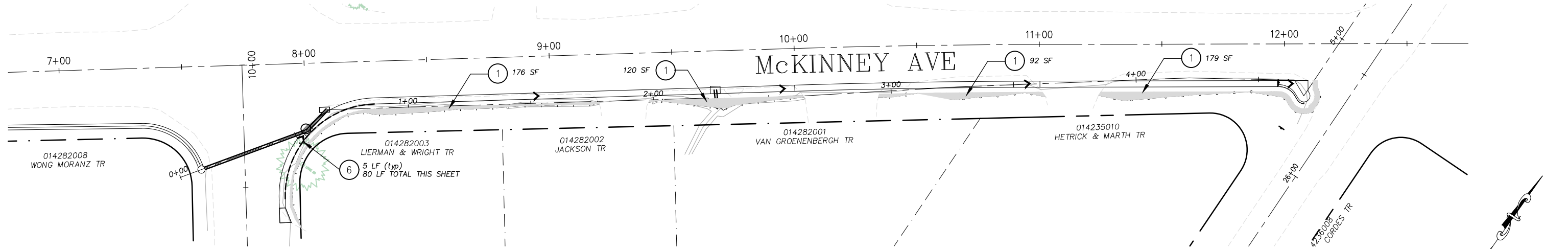


COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
EC-1  
24 OF 28  
W.O. No.  
3610 7003


ORIGINAL SCALE IS IN INCHES  
 Drawing name: \\CDADat05\ID-SIT-Engineering\CIVIL 3D PROJECTS\95157 - III\Engineering\WPLAN\CSA5III EC.dwg Layout: Tab: EC-2 Dec 31 2024 12:56pm dgcocdell  
 FOR REDUCED PLANS  
 2  
 1  
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EROSION CONTROL  
SCALE : 1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: **DECEMBER 9, 2024**

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



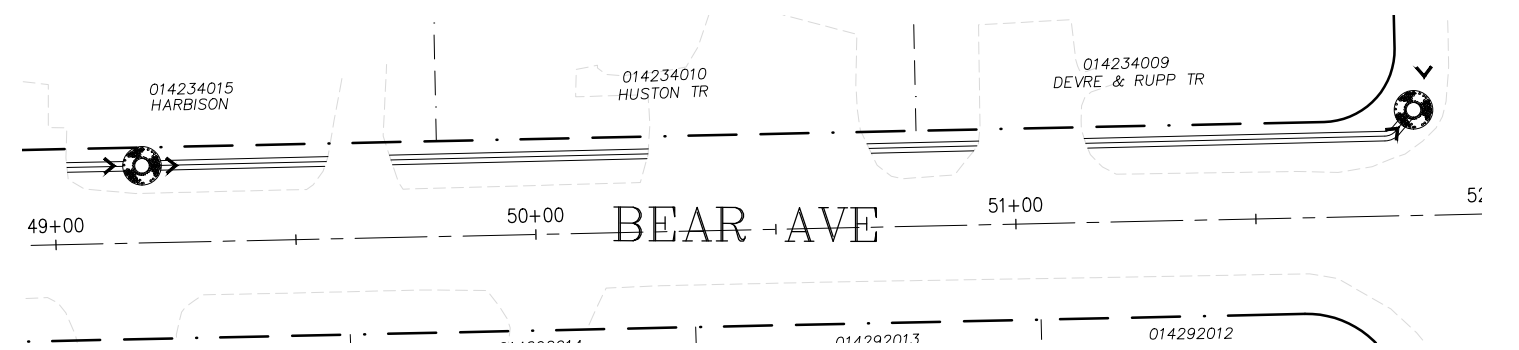
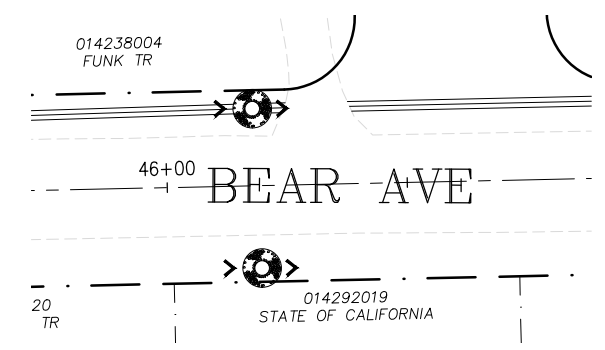
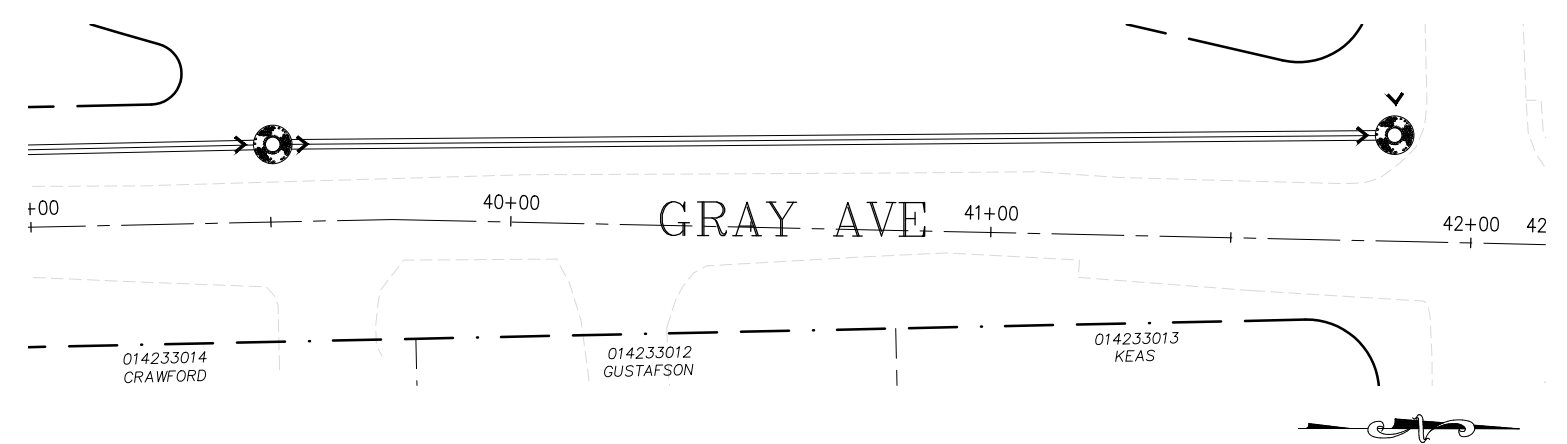
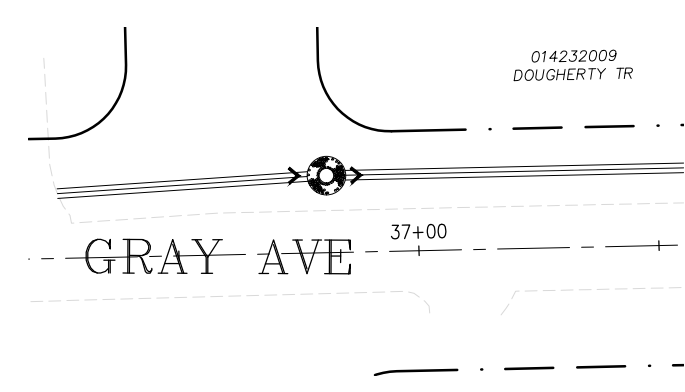
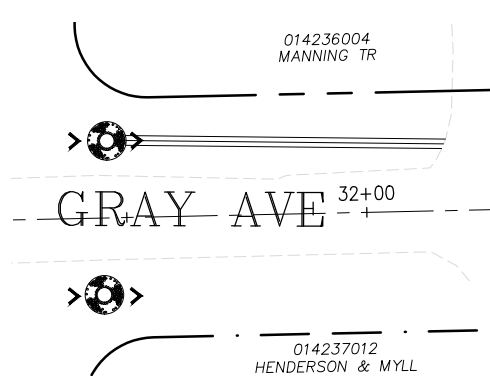
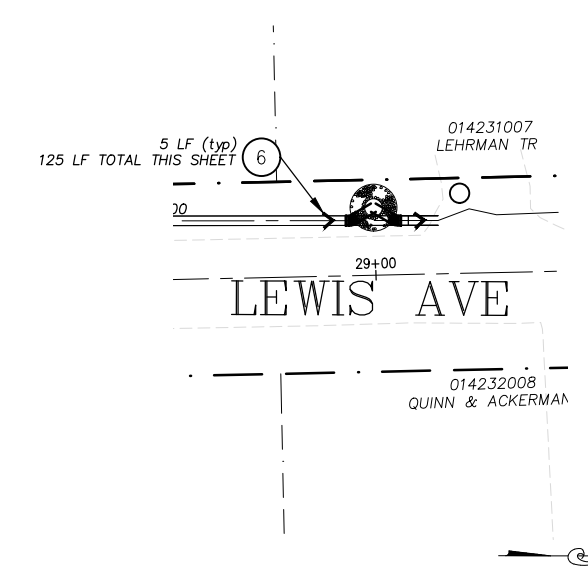
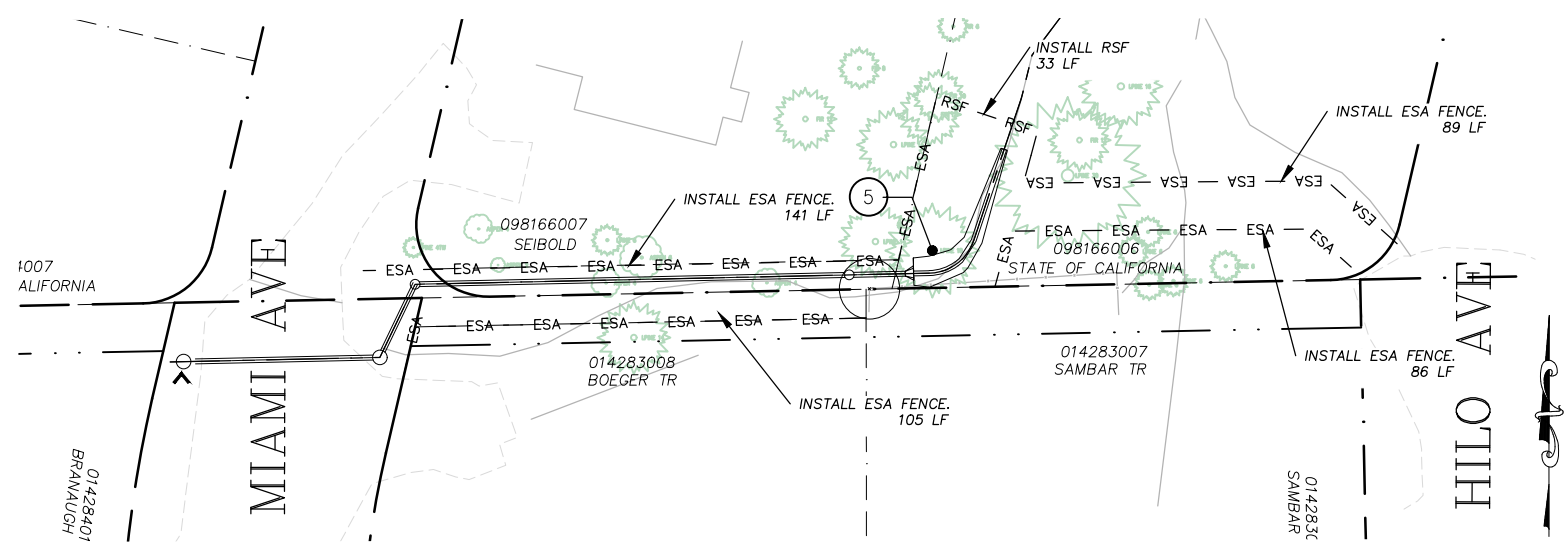
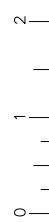
COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
EC-2  
25 OF 28  
W.O. No.  
3610 7003



ORIGINAL SCALE IS IN INCHES  
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 FOR REDUCED PLANS



SCALE : 1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####

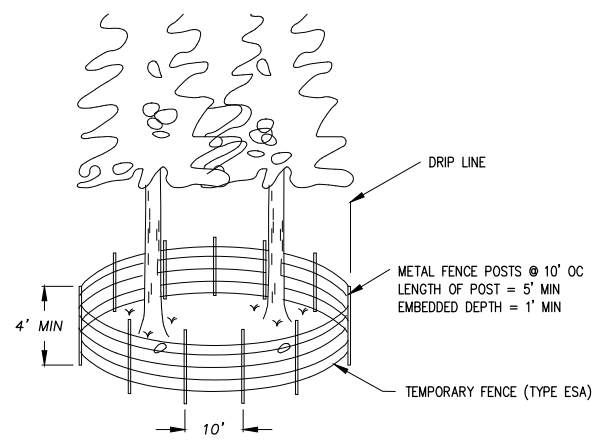


COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

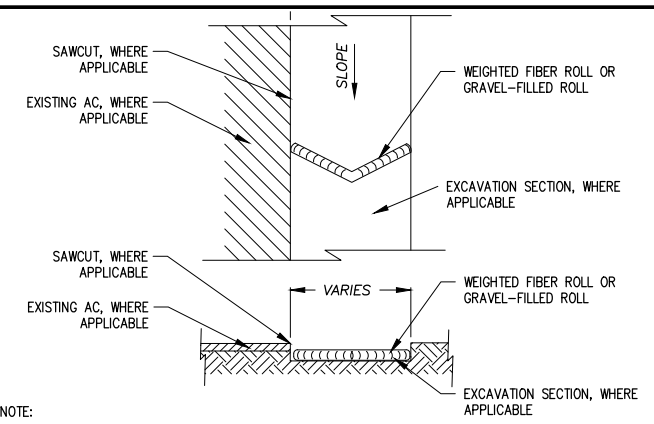
CSA 5 III EROSION CONTROL PROJECT

SHEET  
 EC-3  
 26 OF 28  
 W.O. No.  
 3610 7003

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 FOR REDUCED PLANS

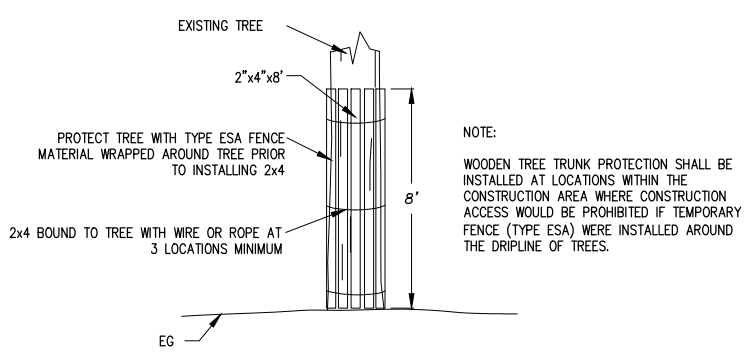


**A** TEMPORARY FENCE (TYPE ESA) AT DRIPLINES  
NTS



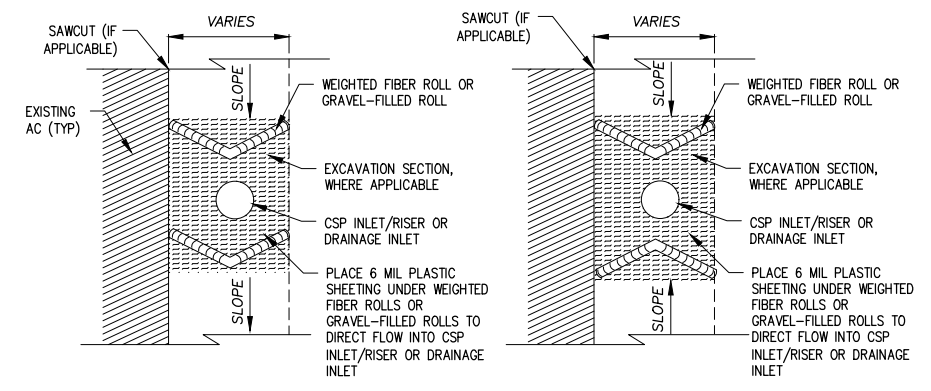
NOTE:  
SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.

**D** WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS  
NTS



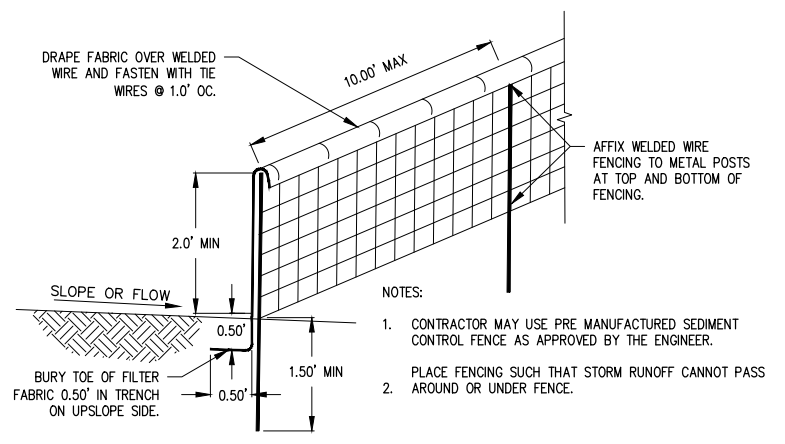
NOTE:  
WOODEN TREE TRUNK PROTECTION SHALL BE INSTALLED AT LOCATIONS WITHIN THE CONSTRUCTION AREA WHERE CONSTRUCTION ACCESS WOULD BE PROHIBITED IF TEMPORARY FENCE (TYPE ESA) WERE INSTALLED AROUND THE DRIPLINE OF TREES.

**B** WOODEN TREE TRUNK PROTECTION  
NTS



NOTE:  
SEE ALSO TYPE 2 OR TYPE 3A, CALTRANS STD PLANS T61 AND T62.

**E** DRAIN INLET PROTECTION  
NTS



NOTES:  
1. CONTRACTOR MAY USE PRE MANUFACTURED SEDIMENT CONTROL FENCE AS APPROVED BY THE ENGINEER.  
2. PLACE FENCING SUCH THAT STORM RUNOFF CANNOT PASS AROUND OR UNDER FENCE.

**C** REINFORCED SILT FENCE (RSF)  
NTS

**F** NOT USED  
NTS

GENERAL NOTES:  
1. LOCATIONS AND LF OF TEMPORARY REINFORCED SILT FENCE REQUIRED FOR THE STAGING AREAS ARE NOT SHOWN. YOU ARE TO INCLUDE THESE AREAS IN YOUR TEMPORARY EROSION CONTROL PLAN SUBMITTAL.  
2. LENGTHS OF TEMPORARY REINFORCED SILT FENCE AND TEMPORARY FENCE (TYPE ESA) DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING IS TO BE AS SHOWN AND/OR AS DETERMINED IN THE FIELD.

EROSION CONTROL  
NO SCALE

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
REGISTERED CIVIL ENGINEER  
DATE: **DECEMBER 9, 2024**

DESIGNED: DMG  
DRAWN: DMG  
CHECKED: DWK  
DATE: 12/2024  
ROAD NUMBER: ####



COUNTY OF EL DORADO  
DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

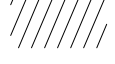
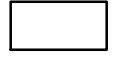



SHEET  
EC-4  
27 OF 28  
W.O. No.  
3610 7003

ORIGINAL SCALE IS IN INCHES  
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 Layout Tab: 25 CS-1 Dec 31, 2024 12:57pm dgocodel

**GENERAL NOTES:**

1. THIS PLAN HAS BEEN PREPARED AS A GUIDE FOR YOU IN PREPARATION OF A COMPLETE TRAFFIC CONTROL PLAN AND TO AID IN YOUR PLANNING FOR STAGING/STORAGE OF MATERIALS AND EQUIPMENT. YOUR TRAFFIC CONTROL PLAN WILL INCLUDE DETAILED CONTROLS INCLUDING FLAGGERS, LANE CLOSURES, AND SIGNS FOR ALL ITEMS OF ROAD WORK WHICH WILL REQUIRE ALTERATION OF EXISTING TRAFFIC PATTERNS. THE PLAN SHOWS THE SIGNS TO BE REQUIRED AS A MINIMUM.
2. YOUR TRAFFIC CONTROL PLAN WILL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. PIPE PLACEMENT, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND WILL CONFORM TO PART 6 OF THE CALIFORNIA MUTCD ENTITLED "TEMPORARY TRAFFIC CONTROL" AND THE SPECIAL PROVISIONS. YOUR TRAFFIC CONTROL PLAN WILL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
3. SINGLE LANE CLOSURES WILL BE ALLOWED FOR THE INSTALLATION OF THE ROCK SLOPE PROTECTION, CORRUGATED STEEL PIPE INLETS, CHANNELS, DRAINAGE INLET, AND PIPE AS APPLICABLE. AT ALL OTHER TIMES, TWO LANES OF TRAFFIC WILL BE MAINTAINED EXCEPT FOR THE ROADWAY ADJACENT TO THE STAGING AND STORAGE AREAS.
4. AT THE END OF EACH WORK DAY A MINIMUM OF TWO 10-FOOT LANES WILL BE OPENED TO PUBLIC TRAFFIC EXCEPT FOR THE ROADWAY ADJACENT TO THE STAGING AND STORAGE AREAS. NO LANE CLOSURE WILL PREVENT RESIDENTS FROM ACCESS TO THEIR PROPERTY.
5. WHEN LANE CLOSURES ARE REMOVED AND ROADS ARE OPEN TO PUBLIC TRAFFIC, ALL DRIVEWAYS WITHIN THE WORK AREA WILL BE ACCESSIBLE AND OPERATIONAL.
6. YOU WILL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
7. YOU MUST REFER TO THE SWPPP/WPCP, EROSION CONTROL PLAN SHEETS, AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
8. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT.

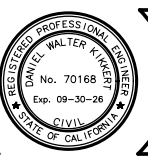
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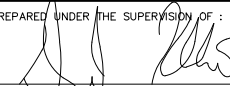
-  CONSTRUCTION AREA
-  STAGING AND STORAGE AREA
-  CONSTRUCTION SIGN
-  W20-1 (CA) "ROAD WORK AHEAD" SIGN
-  G20-2 "END ROAD WORK" SIGN



CONSTRUCTION AREA SIGNS  
1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
**DECEMBER 9, 2024**  
 DATE:

DESIGNED: DMG  
 DRAWN: DMG  
 CHECKED: DWK  
 DATE: 12/2024  
 ROAD NUMBER: ####



COUNTY OF EL DORADO  
 DEPARTMENT OF TRANSPORTATION

CSA 5 III EROSION CONTROL PROJECT

SHEET  
 CS-1  
 28 OF 28  
 W.O. No. 3610 7003