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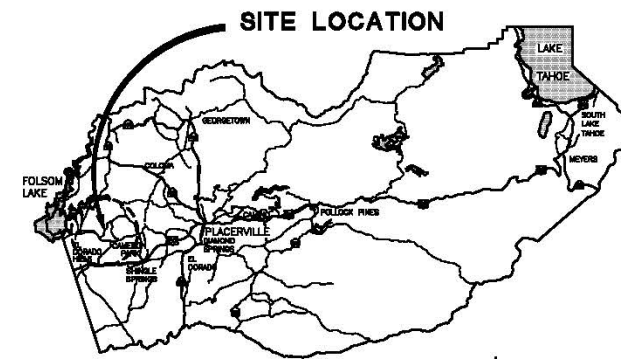
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4	L-2	LAYOUT
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**COUNTY OF EL DORADO, CA
DEPARTMENT OF TRANSPORTATION**

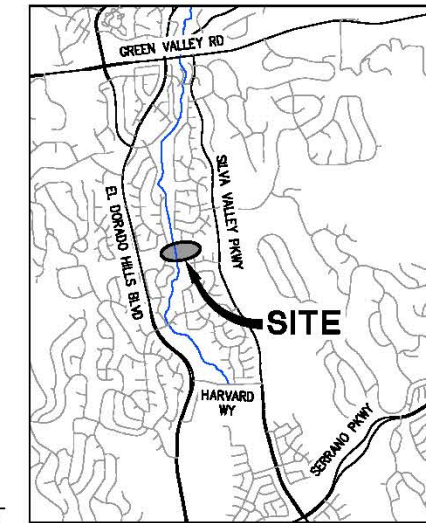
**PROJECT PLANS FOR THE CONSTRUCTION OF
NEW YORK CREEK TRAIL (EAST)
PHASE 2**

IN THE COUNTY OF EL DORADO, DISTRICT 1
BETWEEN EL DORADO HILLS BOULEVARD AND NEW YORK CREEK IN EL DORADO HILLS, CA.

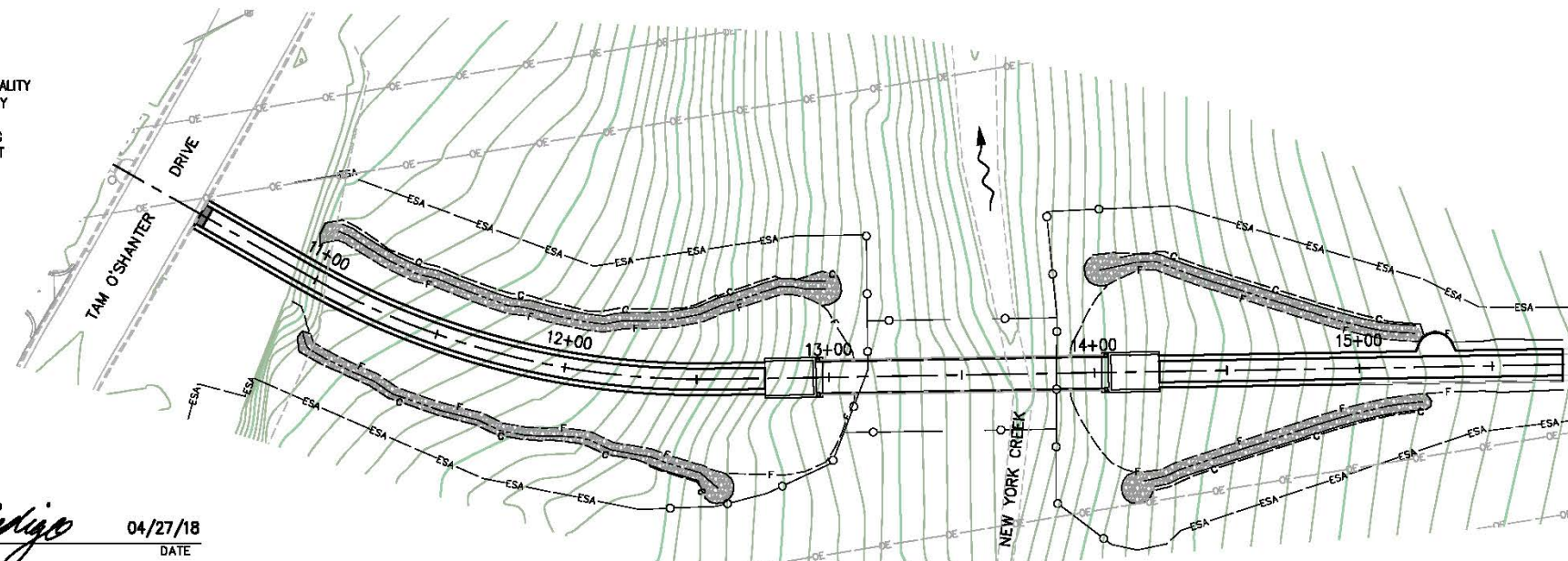
To be supplemented with Standard Plans and Specifications dated 2010, including
the 2010 Revised Standard Specifications, of the California Department of
Transportation, unless otherwise noted.



VICINITY MAP
COUNTY OF EL DORADO



LOCATION MAP
NOT TO SCALE



SITE PLAN
SCALE: 1" = 30'

FUNDING AGENCY

CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM OF THE FEDERAL HIGHWAY AUTHORITY (FHWA) AND THE FEDERAL TRANSIT AUTHORITY (FTA) AS AUTHORIZED BY THE MOVING AHEAD FOR PROGRESS IN THE 21ST CENTURY ACT (MAP-21) ADMINISTERED BY CALTRANS

FEDERAL AID PROJECT
CML 5925 (131)



Monica Pedigo
SUBMITTED BY: CIVIL ENGINEER
STATE OF CALIFORNIA NO. _____
DATE: 04/27/18

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Act (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. If the Contractor possesses a Class A license instead of the equivalent combination of Classes required by the categories and type of work included in the Contract Documents and Plans, then the Contractor or a subcontractor must also possess a CLASS C27 "Landscaping Contractor" license. Failure of the successful Bidder to obtain proper and adequate licensing at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

REVISIONS

MARK	DATE	BY



WARNING - PG&E AND SMUD OVERHEAD AND BELOW GROUND LINES ARE LIVE - ELECTROCUTION POTENTIAL.

CONTRACTOR SHALL TAKE ALL APPROPRIATE SAFETY MEASURES WHEN WORKING NEAR, UNDER OR ABOVE LINES, INCLUDING PLACEMENT OF OSHA-REQUIRED WARNING SIGNAGE. ON-SITE PG&E AND SMUD INSPECTION REQUIRED WHEN WORKING NEAR PG&E AND SMUD FACILITIES. CONTRACTOR SHALL CONTACT PG&E AT (530) 889-3180 AND SMUD AT (916) 732-5905 OR (916) 789-5733 TO SCHEDULE INSPECTION. 72-HOUR ADVANCE NOTICE IS REQUIRED. CONTRACTOR SHALL PROTECT PG&E AND SMUD FACILITIES DURING CONSTRUCTION AND NOTIFY PG&E AND SMUD IMMEDIATELY IF FACILITIES ARE DAMAGED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

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BOARD OF SUPERVISORS

I	JOHN HIDAHL
II	SHIVA FRENTZEN
III	BRIAN VEERKAMP
IV	MICHAEL RANALLI
V	SUE NOVASEL

**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

(530) 621-5900
2850 FAIRLANE CT
PLACERVILLE, CA 95667

ADOPTED AND APPROVED BY:

MICHAEL RANALLI CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS	DATE
APPROVED BY:	DATE
RAFAEL MARTINEZ DIRECTOR DEPARTMENT OF TRANSPORTATION	DATE
JOHN HASKELL, P.E. No. 52524 SENIOR DIRECTOR, ENGINEERING	DATE

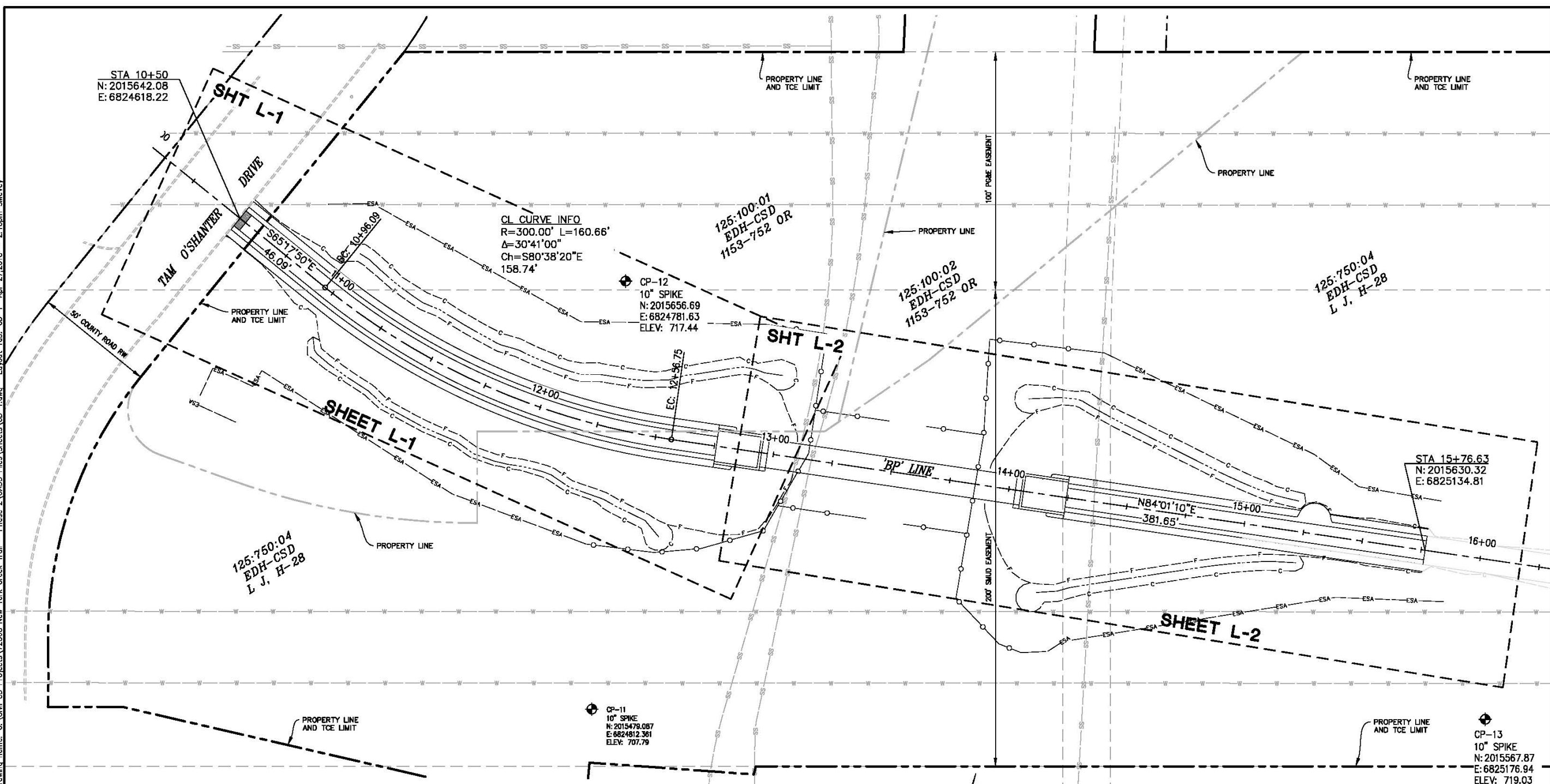
PW NO. 15-30118 PROJECT NO. 72308

**NEW YORK CREEK TRAIL (EAST)
PHASE 2**

TITLE SHEET

SHEET 1 OF 21

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
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BIKE TRAIL PLAN VIEW
 SCALE: 1"=20'

WARNING
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NOTE:
 BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE BASED ON THE CALIFORNIA STATE COORDINATE SYSTEM, NAD 83 ZONE 2, EPOCH 2004.69

ELEVATIONS SHOWN REFERENCE NAVD 88

KEY MAP & SURVEY CONTROL
 SCALE : AS SHOWN

REVISION NUMBER DATE DESCRIPTION BY		PREPARED UNDER THE SUPERVISION OF: LOREN A. MAN PROFESSIONAL LAND SURVEYOR DATE: 04/27/18	DESIGNED: DRF	DRAWN: DRF		COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	NEW YORK CREEK TRAIL (EAST) PHASE 2	SHEET CD-1 2 OF 21 W.D. No. 72308
			CHECKED: LAM	DATE: 09/18/17				

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SEE SHEET D-1 FOR TOE OF SLOPE DITCH

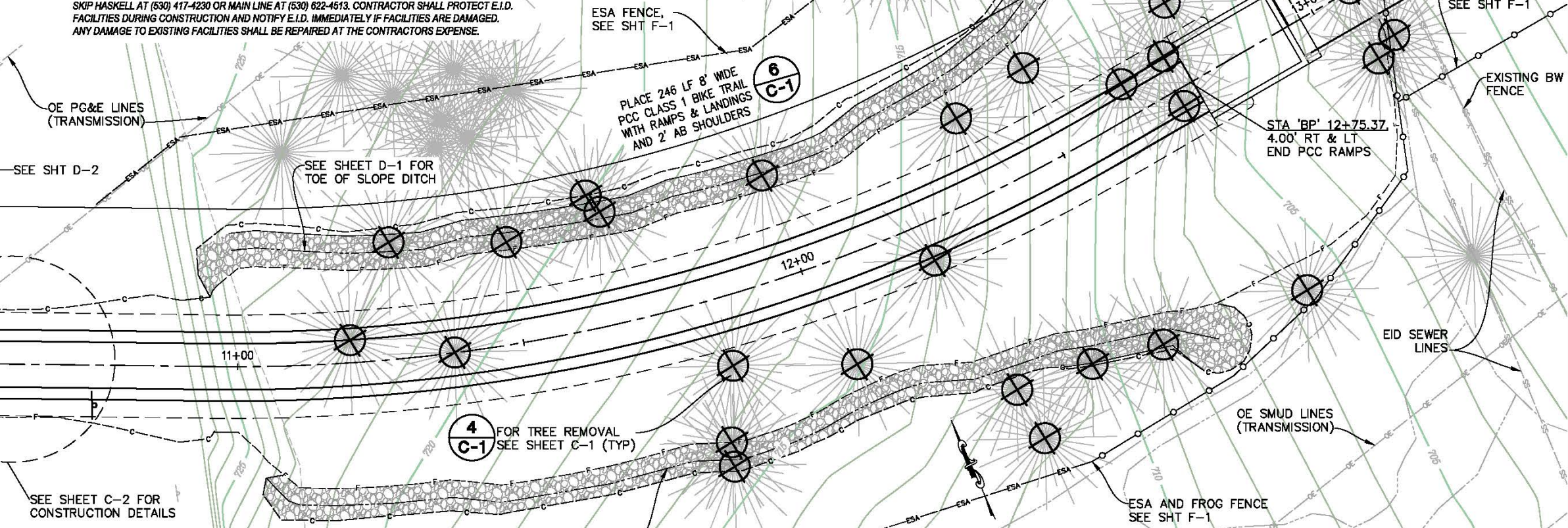
SIGN (ONE POST) W11-1 WITH W16-1P

3 C-3 SIGN (ONE POST) R26 (CA) (RIGHT)

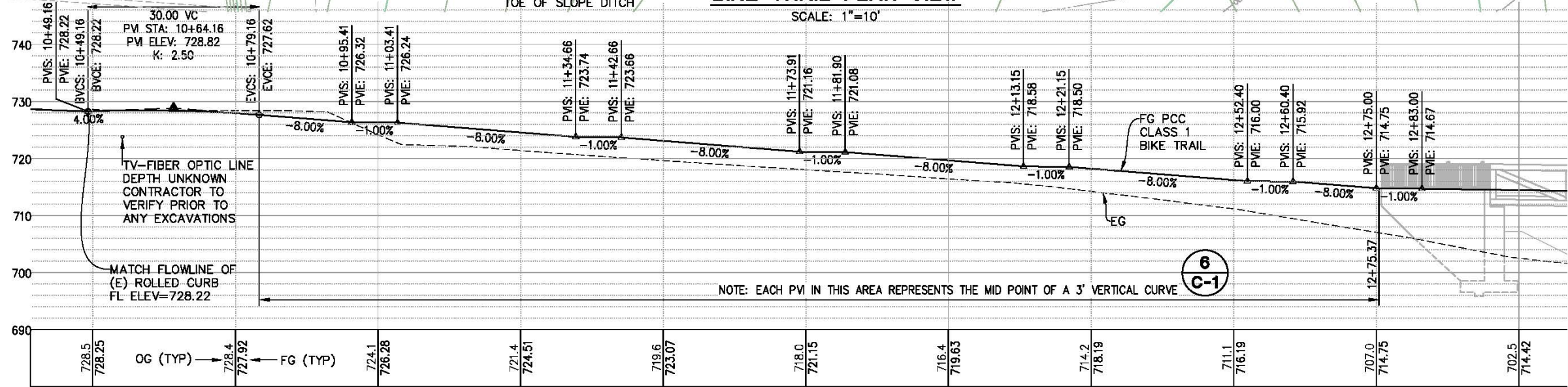
3 C-3 SIGN (ONE POST) R26 (CA)(LEFT)

3 C-3 SIGN (ONE POST) W11-1 WITH W16-1P

TAM O'SHANTER DRIVE



BIKE TRAIL PLAN VIEW
 SCALE: 1"=10'



BIKE TRAIL PROFILE VIEW
 SCALE: 1"=10' H,V

LAYOUT 13+00
 SCALE AS SHOWN

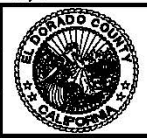
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

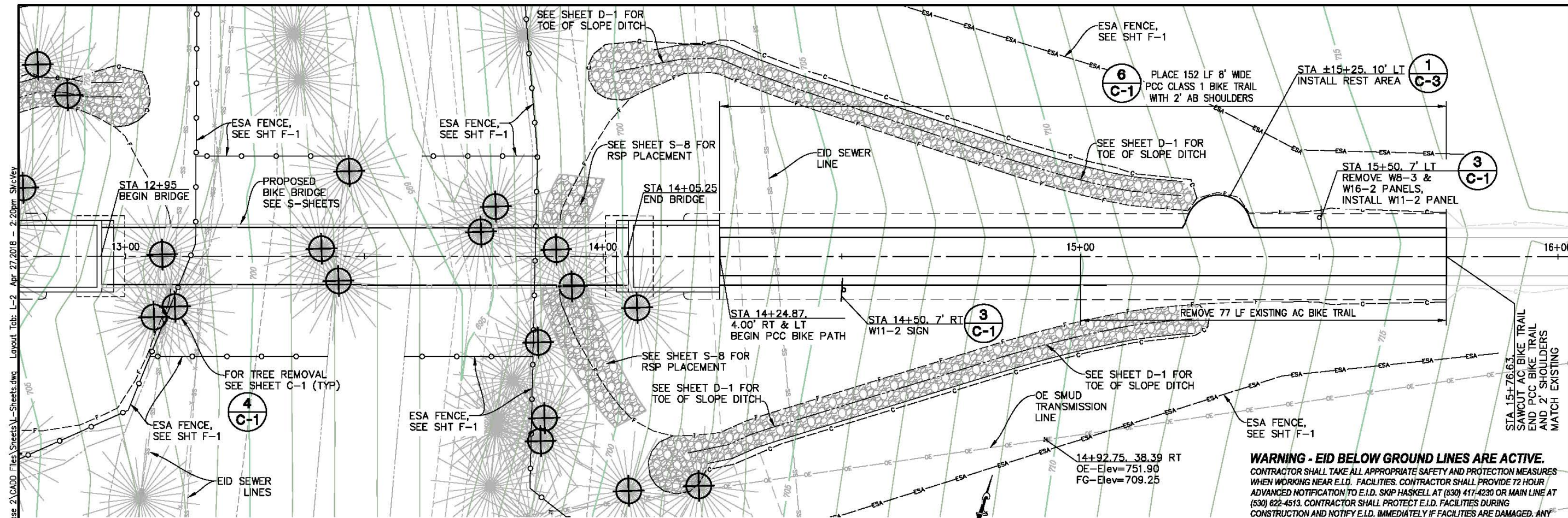
DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJJ
 DATE: 04/03/18
 ROAD NUMBER:



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
 PHASE 2

SHEET
 L-1
 3 OF 21
 W.D. No. 72308



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BIKE TRAIL PLAN VIEW

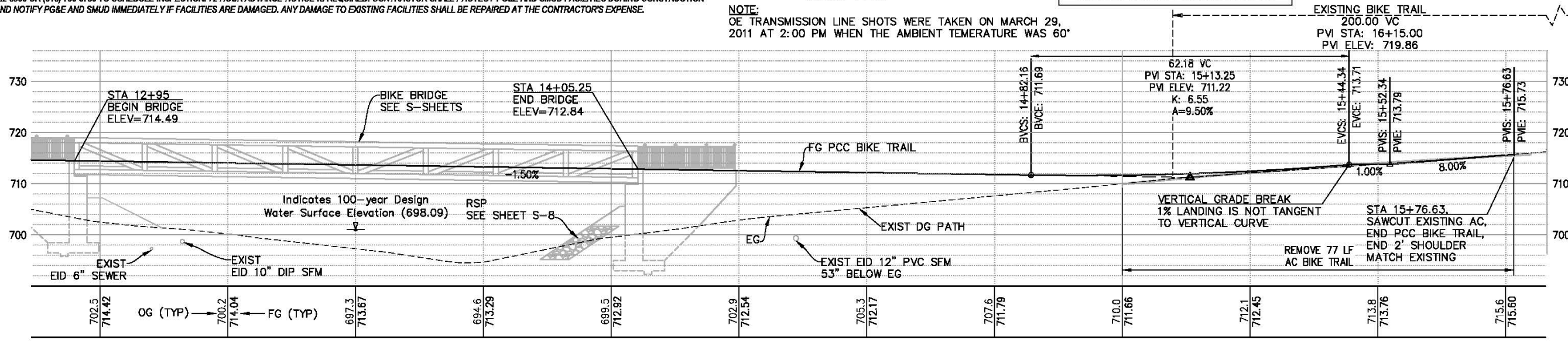
SCALE: 1"=10'

NOTE:
 OE TRANSMISSION LINE SHOTS WERE TAKEN ON MARCH 29, 2011 AT 2:00 PM WHEN THE AMBIENT TEMPERATURE WAS 60°

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BIKE TRAIL PROFILE VIEW

SCALE: 1"=10' H,V

LAYOUT SCALE: AS SHOWN

FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJP
 DATE: 09/18/17
 ROAD NUMBER:

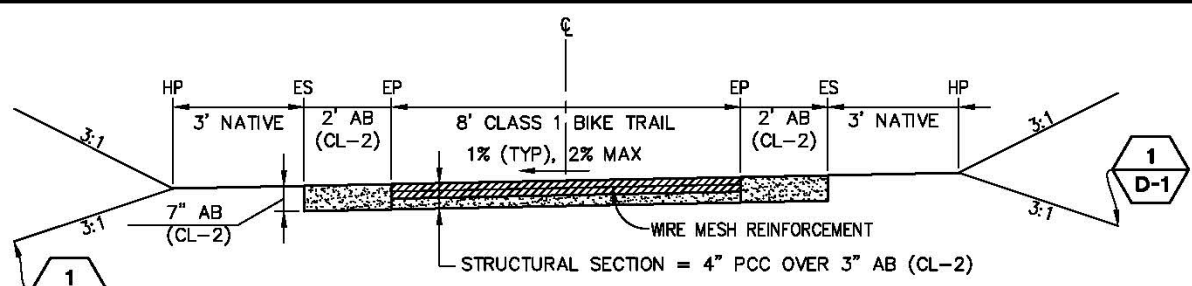


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
 PHASE 2

SHEET
L-2
 4 OF 21
 W.D. No. **72308**

ORIGINAL SCALE IS IN INCHES
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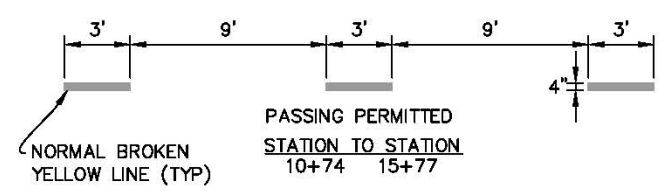
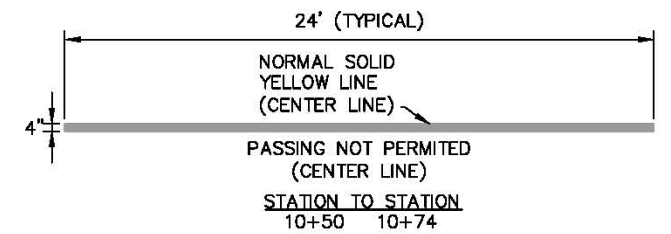


NOTE:
 PROVIDE 5 LF TRANSITION FROM TYPICAL CROSS SECTION [1% (TYP), 2% MAX] TO LEVEL SECTION FOR BRIDGE AT BEGINNING AND END OF APPROACH SLABS (ALSO MATCH 5 LF TRANSITION AT TAM O'SHANTER TO MATCH CURB GRADES)

1 BIKE TRAIL TYPICAL SECTION
 NTS

TRANSITION FROM STA 10+49.16 TO STA 10+54.16 (PCC)
 TYPICAL AS SHOWN FROM STA 10+54.16 TO STA 12+75.38 (PCC)
 TRANSITION FROM STA 12+75.38 TO STA 12+80.38 (PCC)
 TRANSITION FROM STA 14+19.88 TO STA 14+24.88 (PCC)
 TYPICAL AS SHOWN FROM STA 14+24.88 TO STA 15+76.63 (PCC)

1 D-1 - SEE ROCK LINED DITCH DETAIL ON SHEET D-1



2 BIKE TRAIL STRIPING
 NTS

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TREES TO BE REMOVED

STATION	OFFSET	TYPE	SIZE(S)	NUMBER OF TRUNKS
11+20.12	4.09 LT	OAK CLUSTER	6"-10"	4
11+28.18	20.39 LT	FORKED OAK	10"-12"	2
11+37.90	0.06 LT	OAK CLUSTER	7"-12"	4
11+49.93	17.75 LT	OAK CLUSTER	4"-9"	4
11+66.14	23.04 LT	OAK CLUSTER	4"-8"	2
11+68.02	19.74 LT	OAK CLUSTER	5"-8"	4
11+79.81	29.04 RT	FORKED OAK	7"-8"	2
11+80.38	24.82 RT	FORKED OAK	0"-6"	2
11+83.58	11.88 RT	OAK CLUSTER	8"-10"	3
11+98.92	18.04 LT	OAK CLUSTER	4"-8"	5
12+03.65	18.47 RT	OAK CLUSTER	6"-8"	3
12+21.12	6.63 RT	FORKED OAK	7"	2
12+25.90	33.02 RT	OAK CLUSTER	7"-9"	4
12+26.75	42.68 RT	FORKED OAK	8"	2
12+35.94	14.30 LT	OAK	8"	1
12+38.31	34.54 RT	OAK CLUSTER	7"-9"	3
12+49.45	37.25 RT	OAK CLUSTER	6"-8"	3
12+51.03	16.76 RT	OAK CLUSTER	6"	3
12+64.90	5.75 LT	OAK	8"	1
12+72.45	3.01 RT	OAK	4" & 7"	2
12+73.59	6.30 LT	OAK CLUSTER	4"-11"	17
12+74.98	41.47 RT	FORKED OAK	6"	2
12+78.47	14.09 LT	OAK	5"	1
12+81.55	40.17 LT	OAK	8"	1
12+87.80	33.69 LT	FORKED OAK	6"	2
13+05.91	12.76 RT	OAK	7"	1
13+07.63	0.36 LT	OAK	5"	1
13+10.31	10.57 RT	OAK	6"	1
13+41.00	1.57 LT	OAK CLUSTER	6"-7"	3
13+44.57	5.00 RT	OAK	8"	1
13+46.80	17.83 LT	OAK	7"	1
13+74.39	5.00 LT	OAK CLUSTER	4"-5"	3
13+77.46	10.42 LT	WILLOW CLUSTER	5"-7"	4
13+86.38	18.04 RT	OAK	5"	1
13+86.90	38.73 RT	OAK	5"	1
13+87.70	33.91 RT	OAK	5"	1
13+90.16	1.41 LT	OAK	7"	1
13+93.44	6.28 RT	FORKED OAK	5" & 6"	2
14+05.36	49.14 RT	OAK CLUSTER	4"	3
14+07.11	10.77 RT	OAK	5"	1
14+20.04	48.10 RT	OAK	4"	1
TOTAL				105

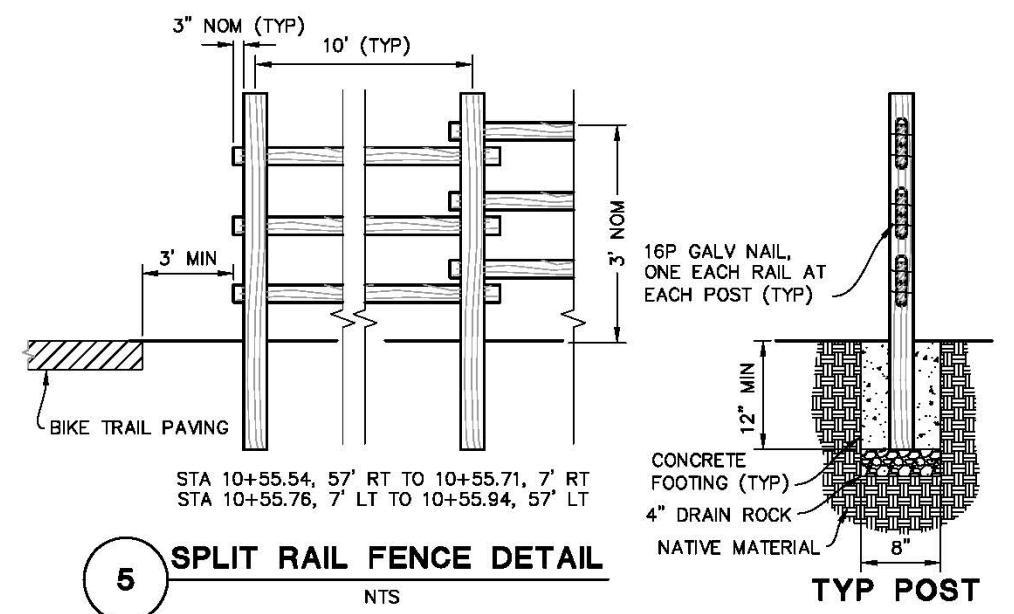
4 TREES TO BE REMOVED

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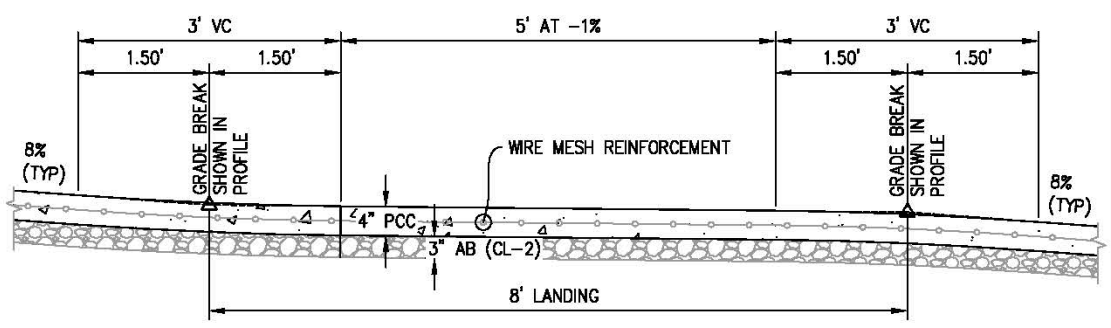
SIGN CHART (SINGLE WOOD POST)

CL STATION	OFFSET	SIGN PANEL 1	SIGN PANEL 2	FACING TRAFFIC
10+55	7' LT	R1-1 (18")	R15-8	WESTBOUND
10+56	7' RT	R44A (CA)	R81A (CA)	EASTBOUND
10+75	7' RT	W7-5	W7-3P (8%)	EASTBOUND
14+50	7' RT	W11-2 (18")	-	EASTBOUND
15+50	7' LT	W11-2 (18")	REMOVE W8-3 & W16-2	WESTBOUND

3 MUTCD (CA) BIKE SIGNS USED
 NTS



5 SPLIT RAIL FENCE DETAIL
 NTS

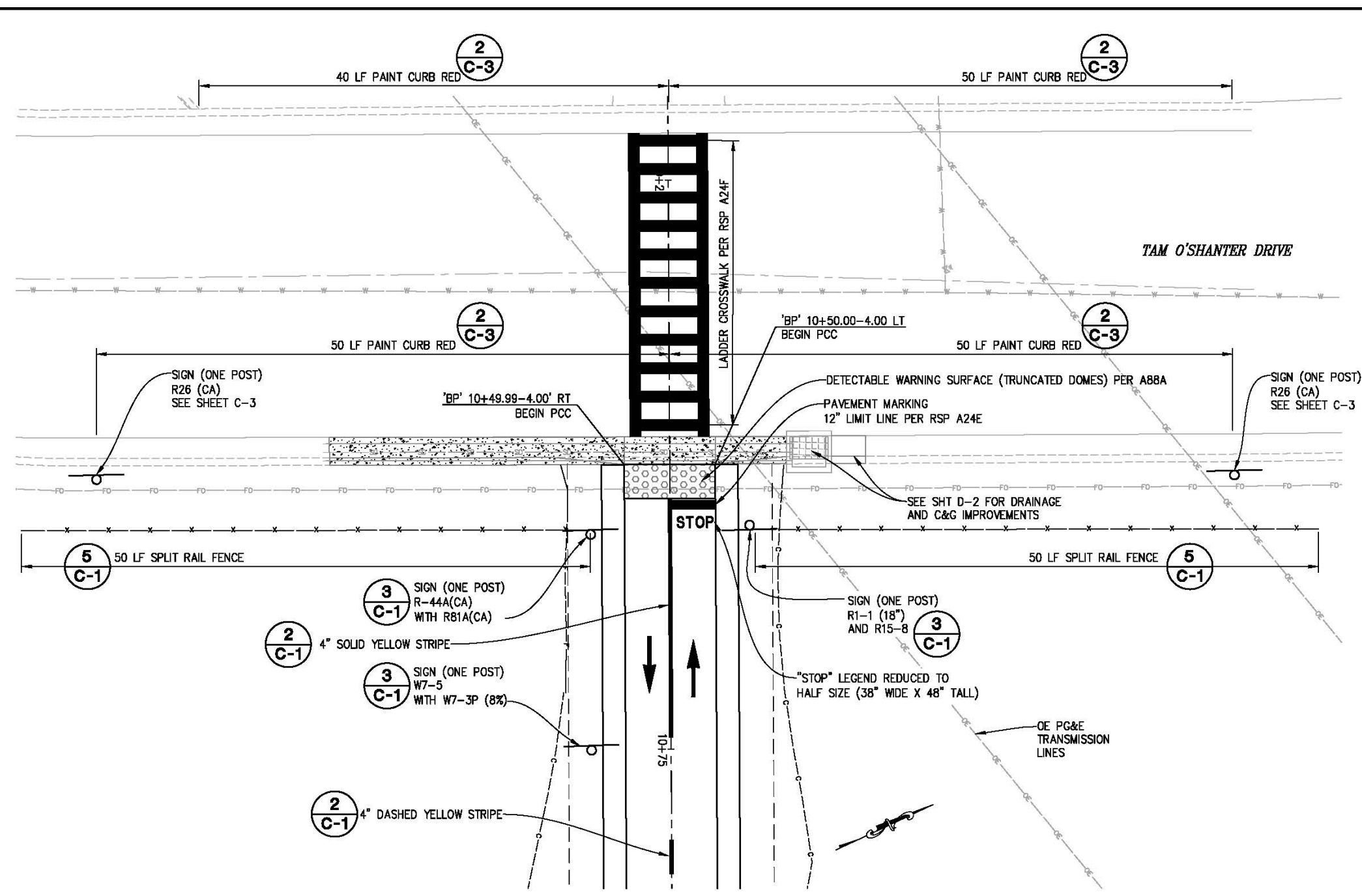


6 PCC RAMP LANDING PROFILE
 NTS

CONSTRUCTION DETAILS
 SCALE : AS SHOWN

REVISION NUMBER DATE DESCRIPTION BY		PREPARED UNDER THE SUPERVISION OF : REGISTERED CIVIL ENGINEER DATE: 04/27/18	DESIGNED: DRF DRAWN: DRF CHECKED: MJP DATE: 09/18/17 ROAD NUMBER:		COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	NEW YORK CREEK TRAIL (EAST) PHASE 2	SHEET C-1 5 OF 21 W.D. No. 72308
		FOR REDUCED PLANS					

ORIGINAL SCALE IS IN INCHES
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TAM O'SHANTER DRIVE DETAILS
SCALE: 1"=5'

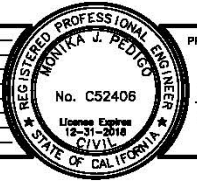
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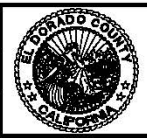
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJJ
 DATE: 04/03/18
 ROAD NUMBER:



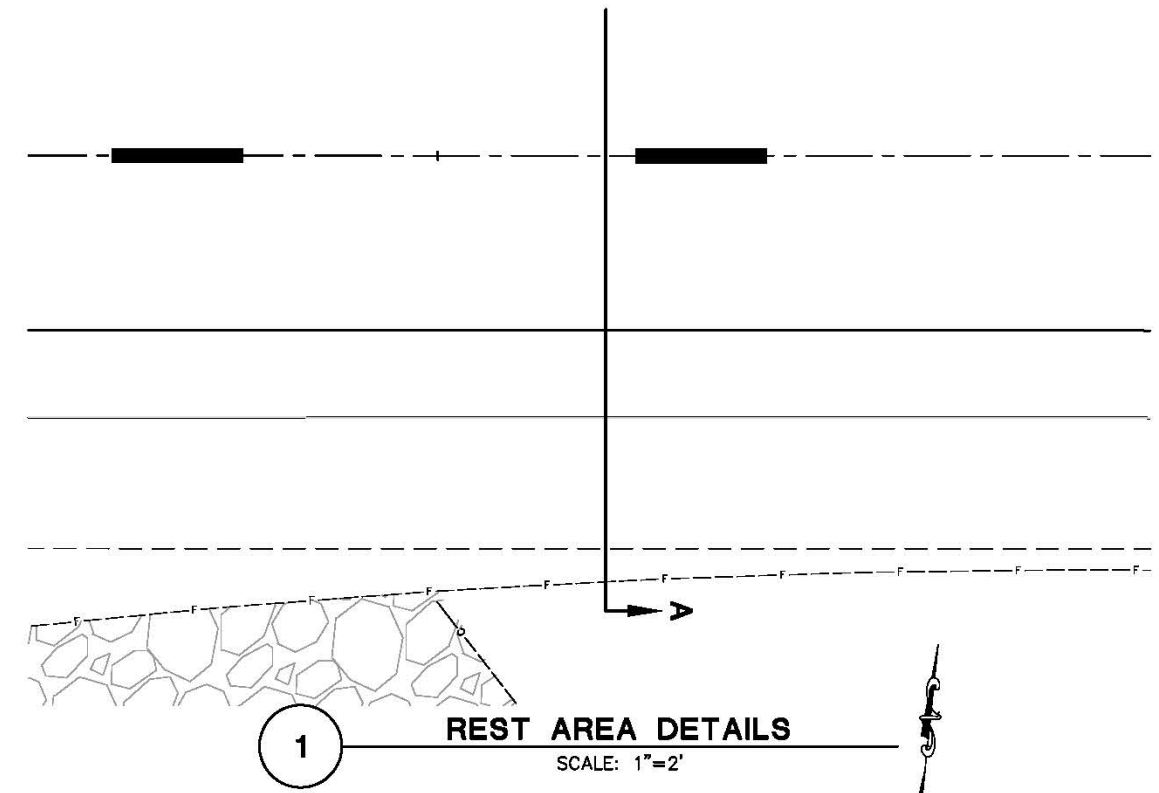
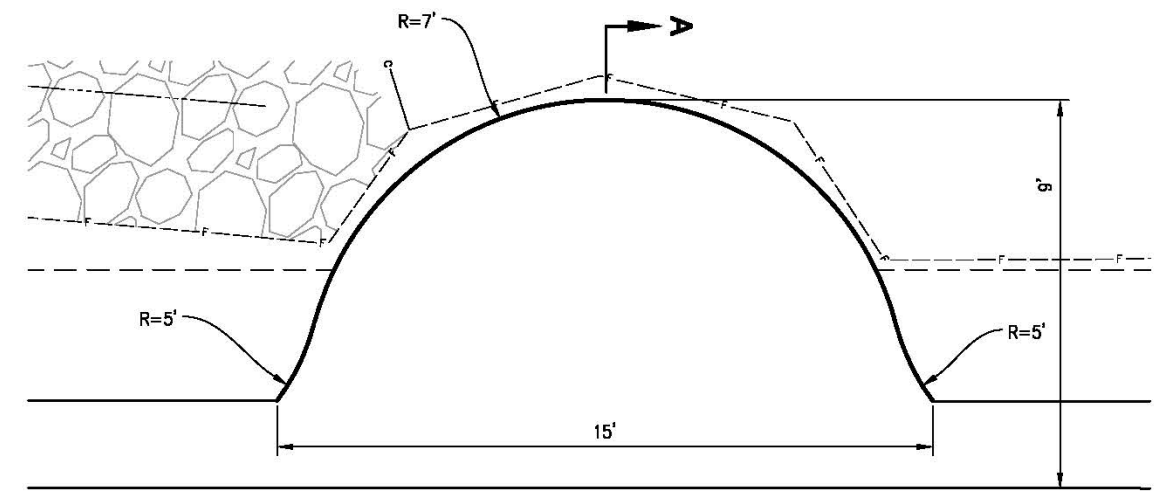
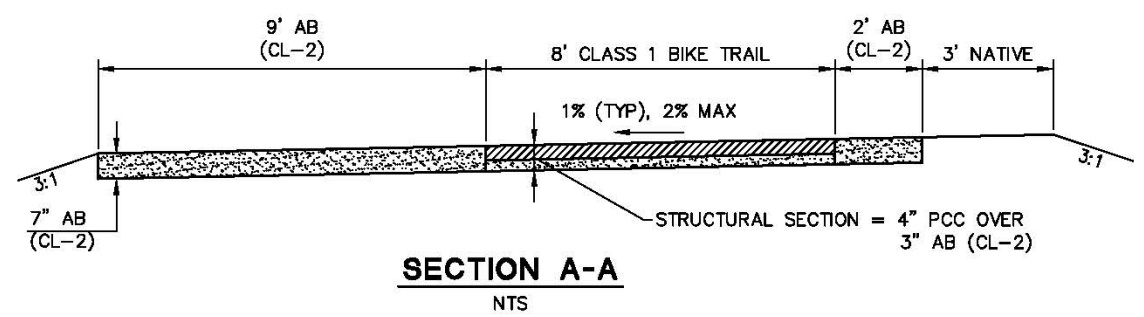
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
 PHASE 2

CONSTRUCTION DETAILS
 SCALE : AS SHOWN

SHEET
C-2
 6 OF 21
 W.D. No. **72308**

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil_3D\Projects\72308 New York Creek Trail - Phase 2\CADD Files\Streets\C-Streets.dwg Layout Tab: C-3 Apr 27, 2018 - 2:22pm SMC/vev
 FOR REDUCED PLANS



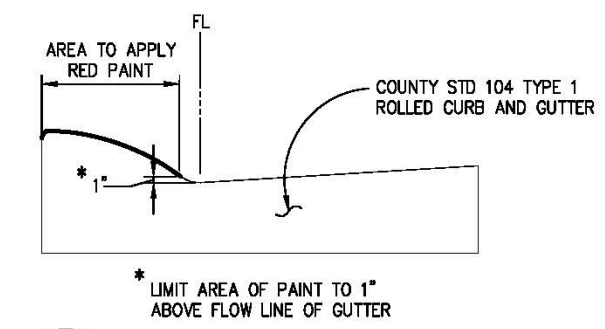
1 REST AREA DETAILS
SCALE: 1"=2'

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2 PAINT CURB DETAIL
NTS

STREET SIGN CHART (SINGLE WOOD POST)

CL STATION	OFFSET	SIGN PANEL 1	SIGN PANEL 2	FACING TRAFFIC
10+18	65' LT	W11-1	W16-P	SOUTHBOUND
10+51	50' RT	R26 LEFT	-	EASTBOUND
10+51	50' LT	R26 RIGHT	-	EASTBOUND
10+52	100' RT	W11-1	W16-1P	NORTHBOUND

3 MUTCD (CA) STREET SIGNS USED
NTS

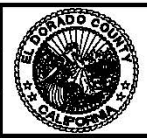
CONSTRUCTION DETAILS
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DRF
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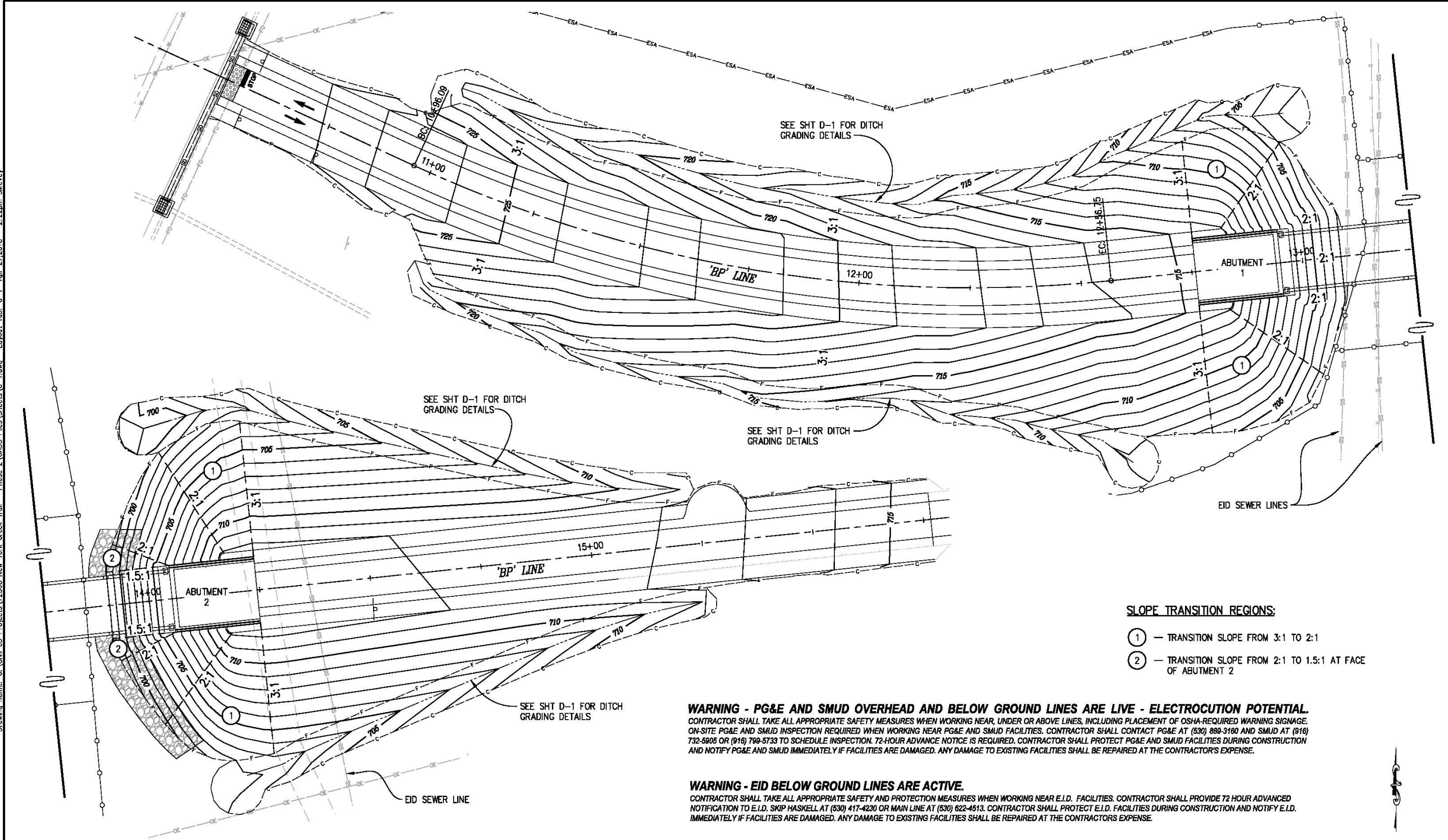


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
PHASE 2

SHEET
C-3
7 OF 21
W.O. No. **72308**

ORIGINAL SCALE IS IN INCHES
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- SLOPE TRANSITION REGIONS:**
- ① — TRANSITION SLOPE FROM 3:1 TO 2:1
 - ② — TRANSITION SLOPE FROM 2:1 TO 1.5:1 AT FACE OF ABUTMENT 2

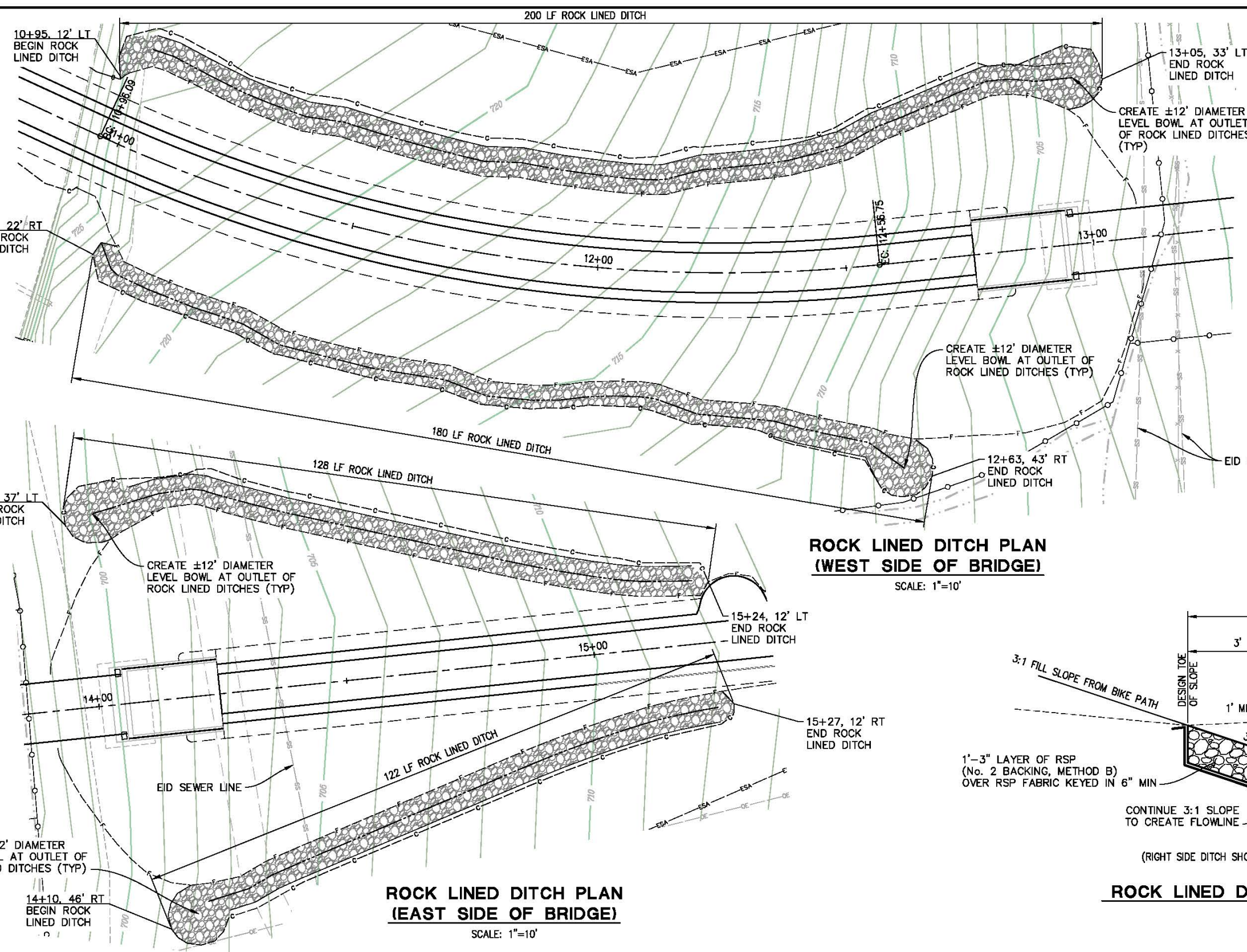
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CONTOUR GRADING SCALE : 1"=10'

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REVISION	NUMBER	DATE	DESCRIPTION	BY												

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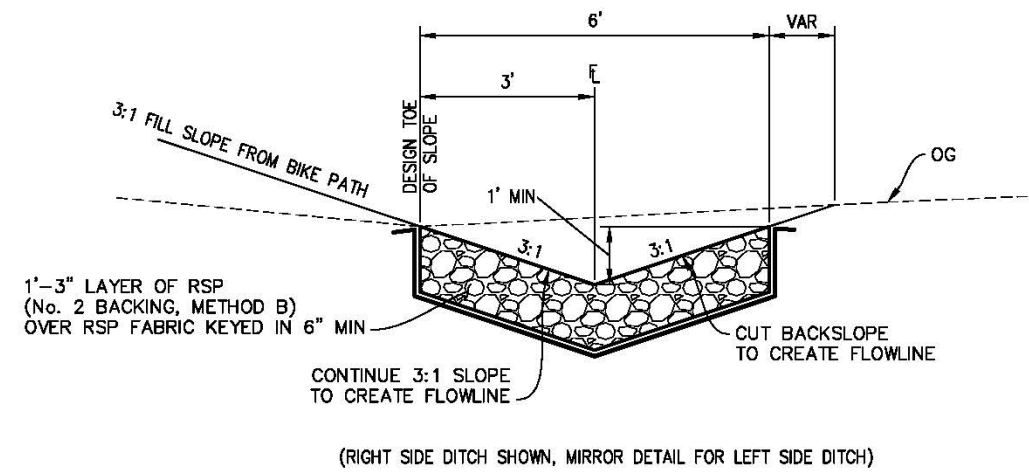


**ROCK LINED DITCH PLAN
(WEST SIDE OF BRIDGE)**
SCALE: 1"=10'

**ROCK LINED DITCH PLAN
(EAST SIDE OF BRIDGE)**
SCALE: 1"=10'

WARNING - PG&E AND SMUD OVERHEAD AND BELOW GROUND LINES ARE LIVE - ELECTROCUTION POTENTIAL. CONTRACTOR SHALL TAKE ALL APPROPRIATE SAFETY MEASURES WHEN WORKING NEAR, UNDER OR ABOVE LINES, INCLUDING PLACEMENT OF OSHA-REQUIRED WARNING SIGNAGE. ON-SITE PG&E AND SMUD INSPECTION REQUIRED WHEN WORKING NEAR PG&E AND SMUD FACILITIES. CONTRACTOR SHALL CONTACT PG&E AT (530) 889-3180 AND SMUD AT (916) 732-5905 OR (916) 789-5733 TO SCHEDULE INSPECTION. 72-HOUR ADVANCE NOTICE IS REQUIRED. CONTRACTOR SHALL PROTECT PG&E AND SMUD FACILITIES DURING CONSTRUCTION AND NOTIFY PG&E AND SMUD IMMEDIATELY IF FACILITIES ARE DAMAGED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

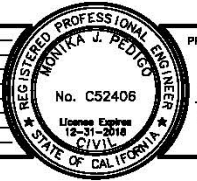
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ROCK LINED DITCH TYPICAL SECTION
NTS

**DRAINAGE DETAILS
SCALE AS SHOWN**

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJJ
 DATE: 09/18/17
 ROAD NUMBER:

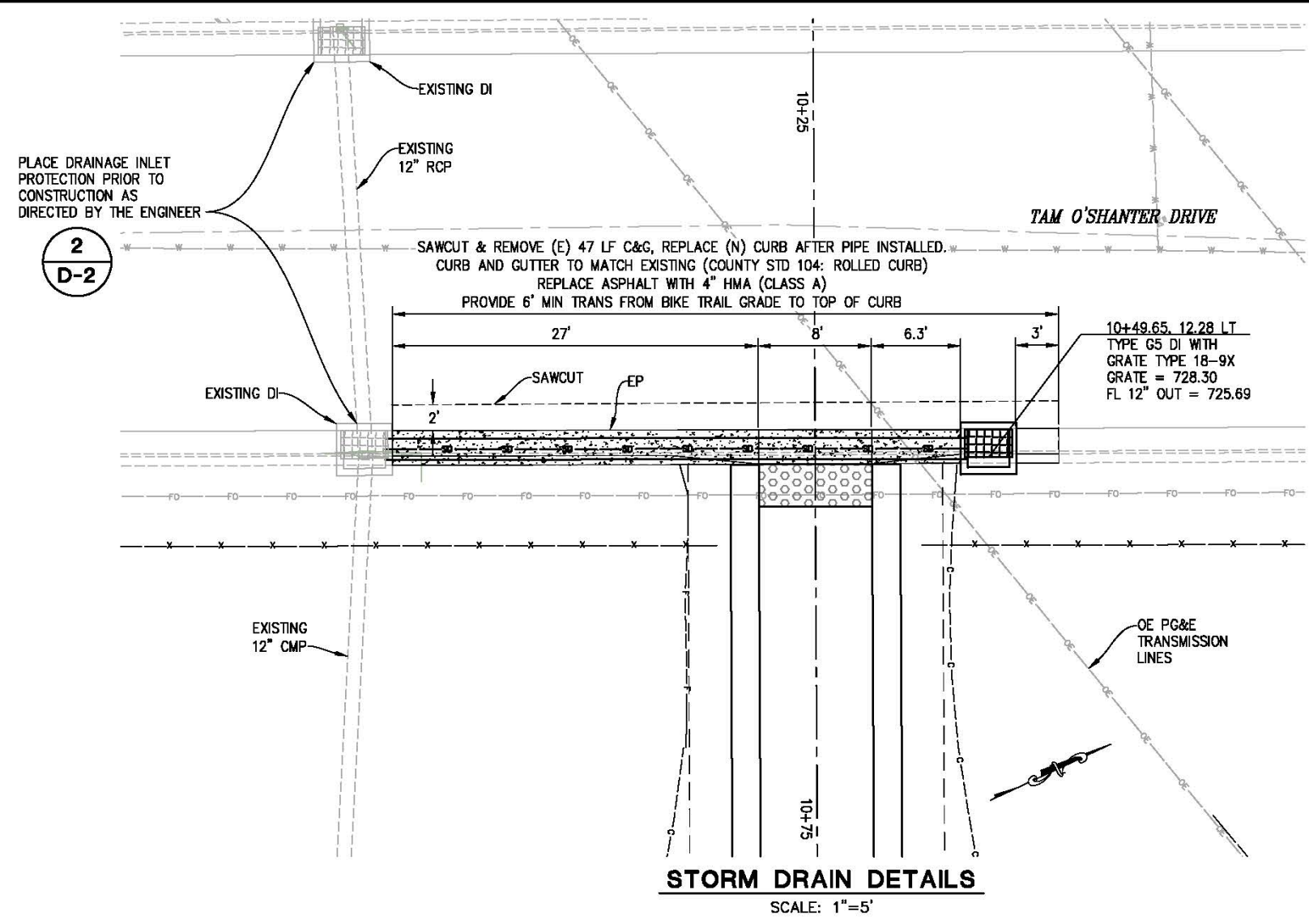


**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**NEW YORK CREEK TRAIL (EAST)
PHASE 2**

SHEET
D-1
 9 OF 21
 W.D. No. **72308**

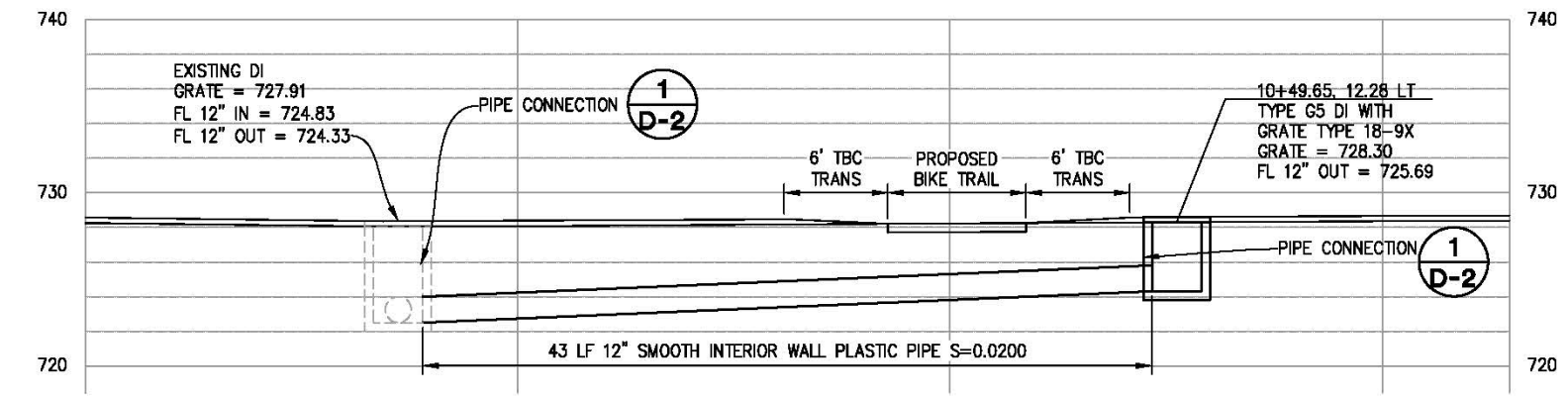
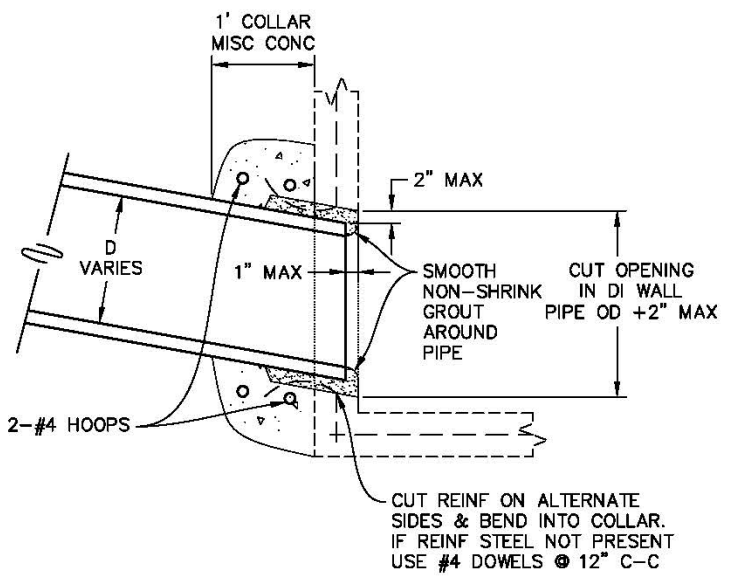
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 FOR REDUCED PLANS



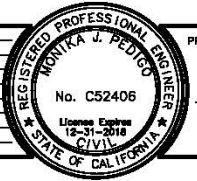
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PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJJ
 DATE: 09/18/17
 ROAD NUMBER:



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
 PHASE 2

DRAINAGE DETAILS
 SCALE AS SHOWN

SHEET
D-2
 10 OF 21
 W.O. No. **72308**

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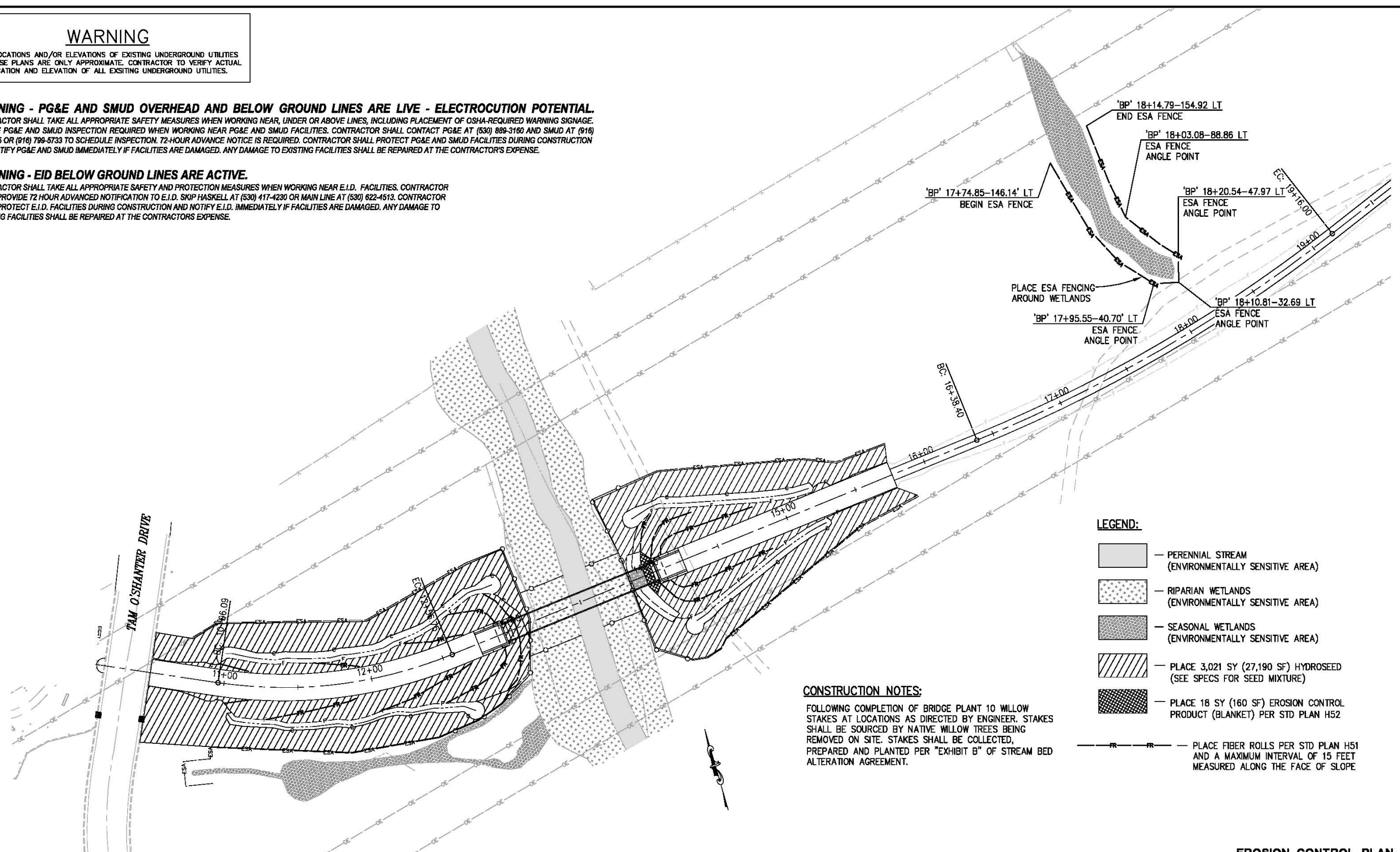
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- LEGEND:**
- PERENNIAL STREAM (ENVIRONMENTALLY SENSITIVE AREA)
 - RIPARIAN WETLANDS (ENVIRONMENTALLY SENSITIVE AREA)
 - SEASONAL WETLANDS (ENVIRONMENTALLY SENSITIVE AREA)
 - PLACE 3,021 SY (27,190 SF) HYDROSEED (SEE SPECS FOR SEED MIXTURE)
 - PLACE 18 SY (160 SF) EROSION CONTROL PRODUCT (BLANKET) PER STD PLAN H52
 - PLACE FIBER ROLLS PER STD PLAN H51 AND A MAXIMUM INTERVAL OF 15 FEET MEASURED ALONG THE FACE OF SLOPE

CONSTRUCTION NOTES:
 FOLLOWING COMPLETION OF BRIDGE PLANT 10 WILLOW STAKES AT LOCATIONS AS DIRECTED BY ENGINEER. STAKES SHALL BE SOURCED BY NATIVE WILLOW TREES BEING REMOVED ON SITE. STAKES SHALL BE COLLECTED, PREPARED AND PLANTED PER "EXHIBIT B" OF STREAM BED ALTERATION AGREEMENT.

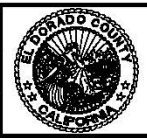
**EROSION CONTROL PLAN
SCALE : 1"=30'**

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika J. Pedigo
 REGISTERED CIVIL ENGINEER
 LICENSE EXPIRES 12-31-2018
 DATE: 04/27/18

DESIGNED: DRF
 DRAWN: DRF
 CHECKED: MJP
 DATE: 09/18/17
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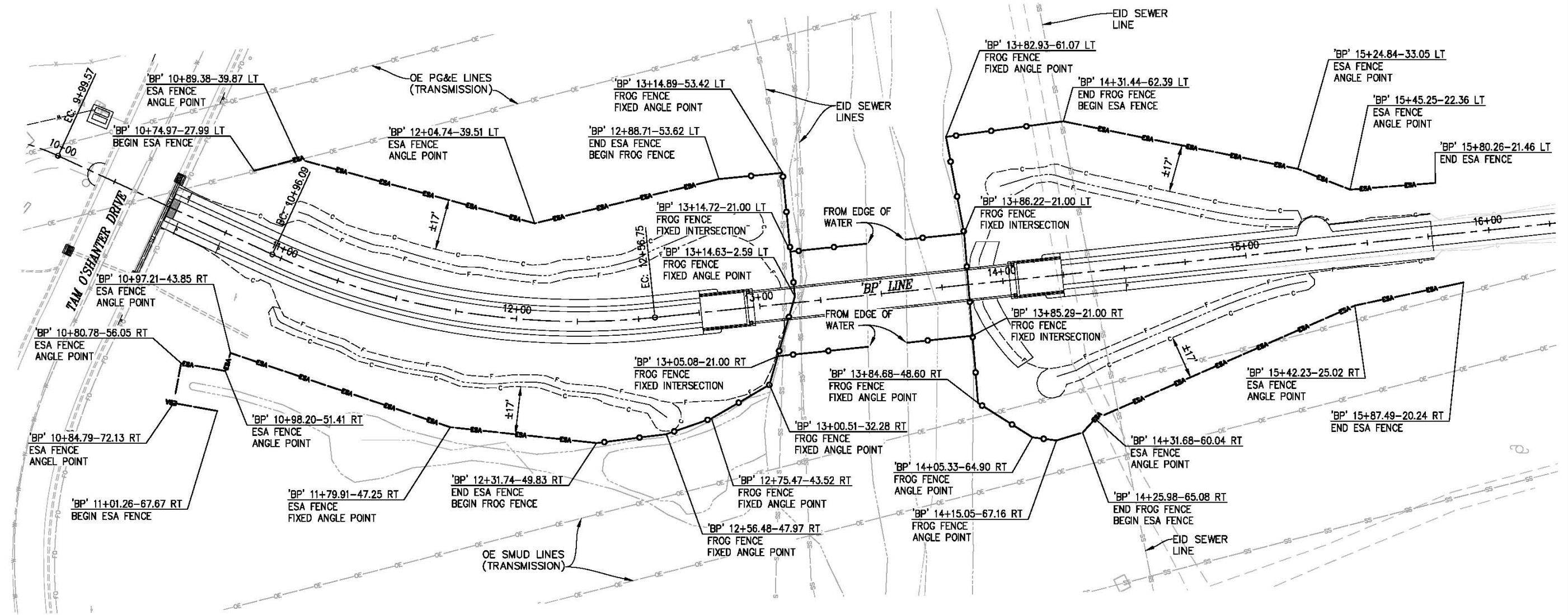
**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**NEW YORK CREEK TRAIL (EAST)
PHASE 2**

SHEET
EC-1
 11 OF 21
 W.D. No. **72308**

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LEGEND:

— DESIGNATED WETLANDS AREA

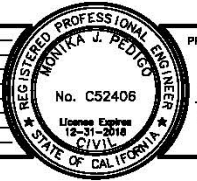
GENERAL NOTES:

1. PLACEMENT OF ESA AND FROG FENCE IS AS SHOWN UNLESS OTHERWISE DIRECTED BY ENGINEER. (LOCATION IS APPROXIMATE UNLESS SPECIFIED AS "FIXED").
2. SEE SHIT EC-1 FOR ADDITIONAL ESA FENCING PLACEMENT.

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

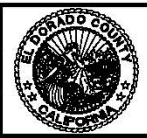
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 FOR REDUCED PLANS
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Monika Pedigo
 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DA
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 CHECKED: MJJ
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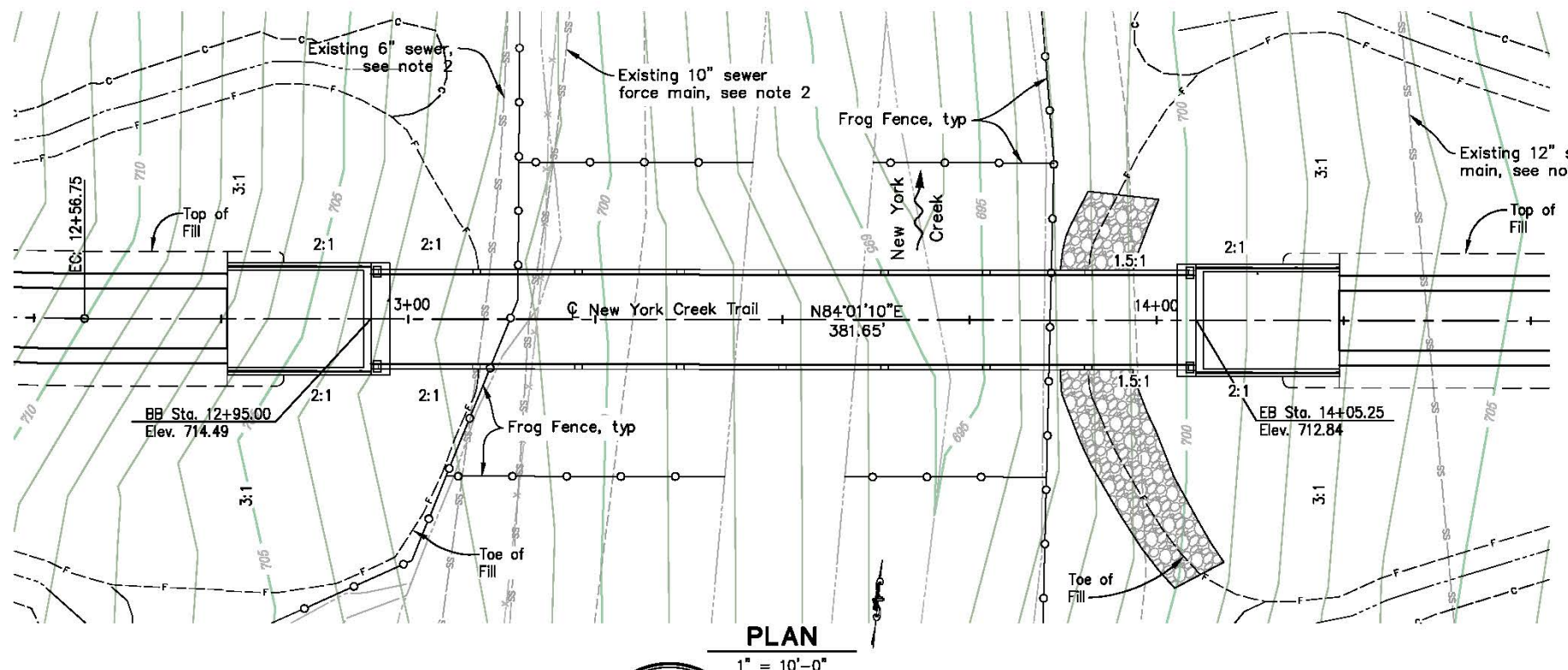
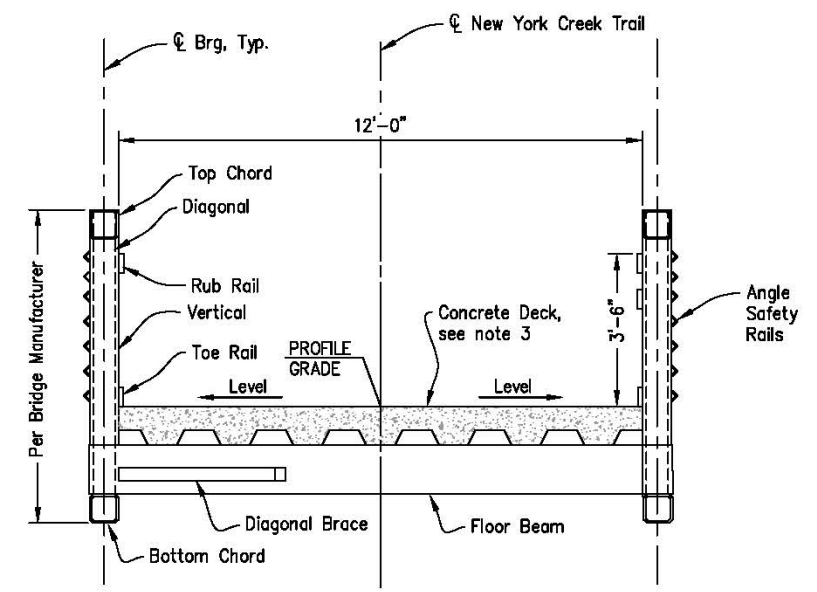
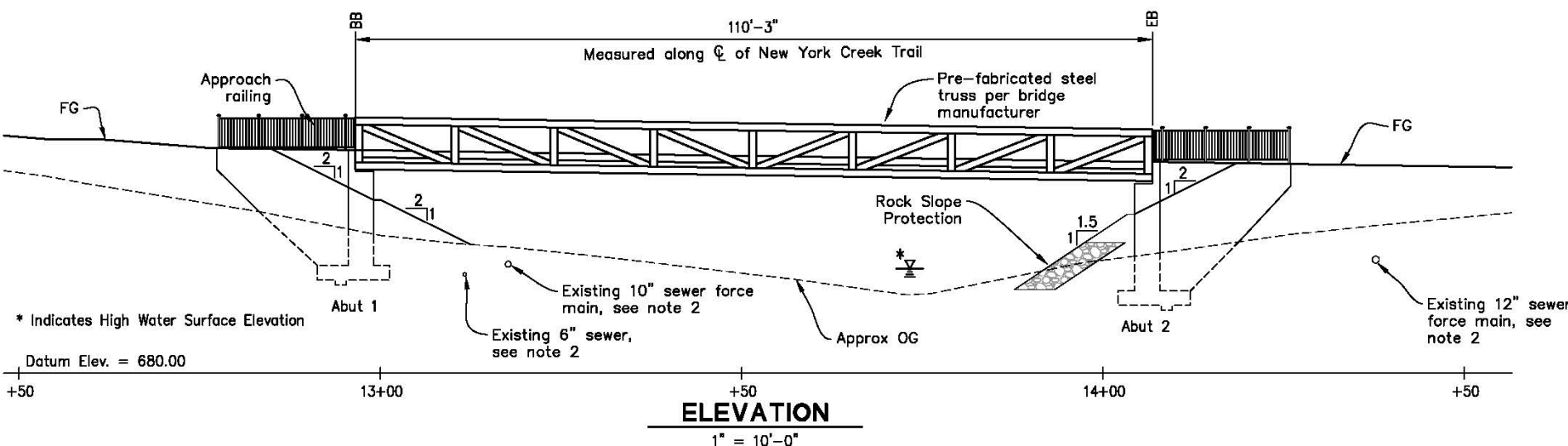
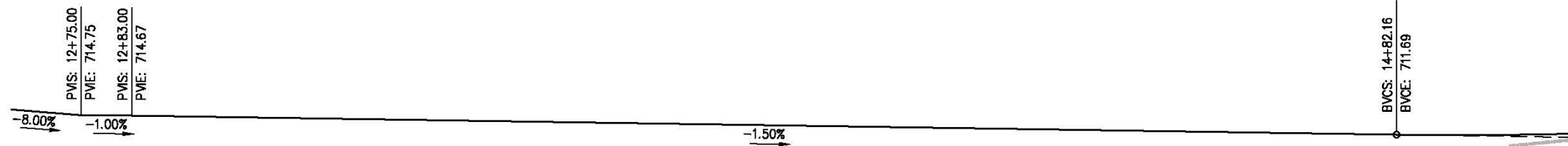


**COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION**

**NEW YORK CREEK TRAIL (EAST)
 PHASE 2**

SHEET
F-1
 12 OF 21
 W.D. No. **72308**

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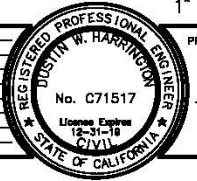
- NOTES:**
- For "General Notes", see "Index To Plans" sheet.
 - Contractor to protect all existing utilities in place.
 - Contractor to verify all controlling field dimensions prior to ordering or fabricating any materials.
 - Bridge fabricator shall design cast-in-place reinforced concrete deck. Calculations and shop drawings must be submitted for review.

INDEX TO BRIDGE PLANS

Plan Sheet	Title
S-1	General Plan
S-2	Index to Plans
S-3	Foundation Plan
S-4	Abutment Layout
S-5	Abutment Details
S-6	Wingwall Details
S-7	Approach Railing Details
S-8	Rock Slope Protection
S-9	Log of Test Borings

GENERAL PLAN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/27/18

DESIGNED: DWH
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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
PHASE 2

SHEET
S-1
 13 OF 21
 W.D. No. **72308**

GENERAL NOTES

DESIGN: AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges, 2009 (AASHTO Specifications); AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments; and AASHTO LRFD Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals (AASHTO Signs)

SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 1.7, April 2013

DEAD LOAD: No allowance for future wearing surface

LIVE LOAD: H10 and 90 psf pedestrian loading

WIND LOADING: Wind Load in accordance with Article 3.4 of AASHTO Specifications and Articles 3.8 and 3.9 of AASHTO Signs. Basic Wind Speed = 85 mph.

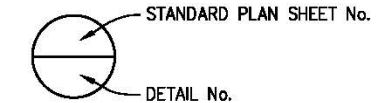
SEISMIC LOAD: Soil Profile: Vs30 = 615 m/s (approx. 2018 ft/s)
Moment Magnitude: Mmax = 6.5
Peak Ground Acceleration = 0.2 g

REINFORCED CONCRETE: fy = 60 ksi
fc = 3.6 ksi, unless otherwise noted
n = 8

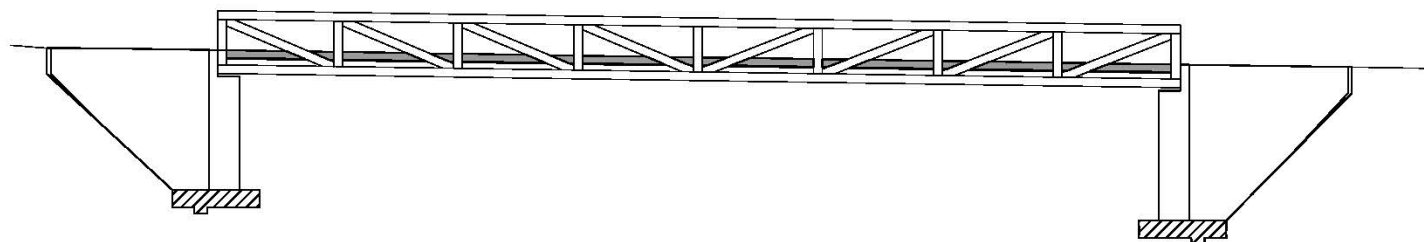
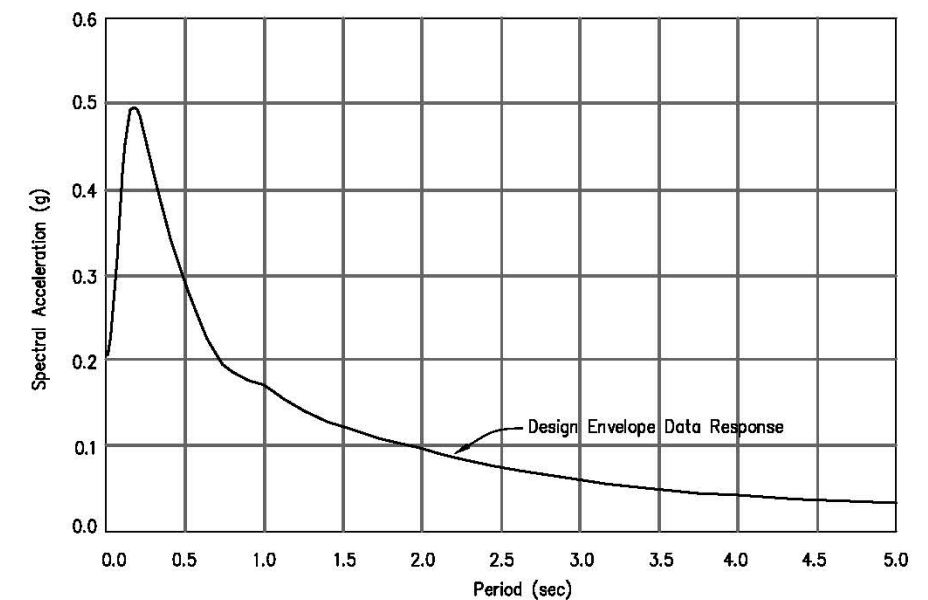
DESIGN BRIDGE REACTIONS		
LOADING TYPE	ABUT 1 (KIPS)	ABUT 2 (KIPS)
DEAD LOAD	80	80
LIVE LOAD	60 (PED) 20 (H10)	60 (PED) 20 (H10)
HORIZONTAL WIND LOAD	18	18
WIND UPLIFT	4	4
LONGITUDINAL SEISMIC	65	0
TRANSVERSE SEISMIC	33	33

CALTRANS STANDARD PLANS DATED 2010

- A10A ABBREVIATIONS (SHEET 1 OF 2)
- RSP A10B ABBREVIATIONS (SHEET 2 OF 2)
- A10C LINES AND SYMBOLS (SHEET 1 OF 3)
- A10D LINES AND SYMBOLS (SHEET 2 OF 3)
- A10E LINES AND SYMBOLS (SHEET 3 OF 3)
- A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL - BRIDGE
- B0-1 BRIDGE DETAILS
- B0-3 BRIDGE DETAILS



ACCELERATION RESPONSE SPECTRA CURVE



CONCRETE TYPE AND LIMITS

NO SCALE

- Structural Concrete, Bridge (3.6 ksi @ 28 days)
- Structural Concrete, Bridge (4.0 ksi @ 28 days)
- Structural Concrete, Bridge Footing (3.6 ksi @ 28 days)

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil_3D\Projects\72308 New York Creek Trail - Phase 2\CADD Files\Sheets\S-Sheets.dwg Layout Tab: S-2 Apr 27 2018 - 2:27pm ShicVey
FOR REDUCED PLANS
REVISION

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
Justin W. Harrison
REGISTERED CIVIL ENGINEER
DATE: 04/27/18

DESIGNED: DWH
DRAWN: CAD
CHECKED: DWH
DATE: 09/18/17
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

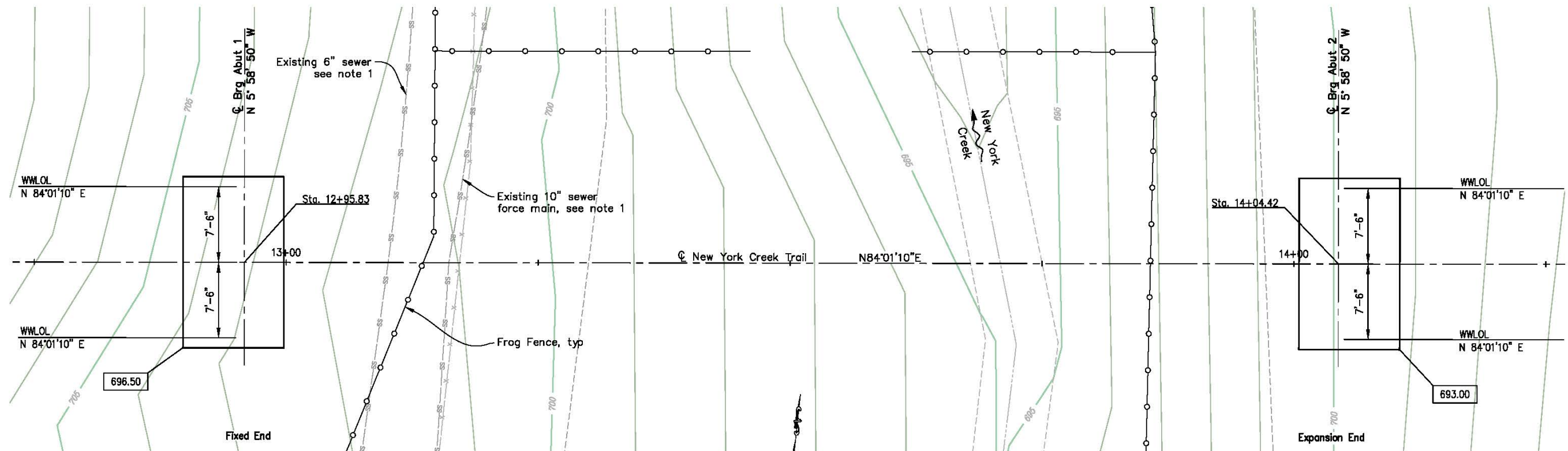
CONTRACTOR TO VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIALS.

NEW YORK CREEK TRAIL (EAST)
PHASE 2

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 2
 1
 0



FOUNDATION PLAN
1" = 5'-0"

HYDROLOGIC SUMMARY		
DRAINAGE AREA = 1.68 SQ. MI.		
	DESIGN FLOOD	BASE FLOOD
FREQUENCY (YEARS)	50	100
DISCHARGE (CFS)	570	650
WATER SURFACE ELEVATION (FT)	697.91	698.09

SCOUR DATA TABLE		
SUPPORT NO.	LONG TERM (DEGRADATION AND CONTRACTION) SCOUR ELEVATION (FT)	SHORT TERM (LOCAL) SCOUR DEPTH (FT)
	DESIGN FLOOD	BASE FLOOD
ABUT 1	N/A	0
ABUT 2	N/A	0

SPREAD FOOTING DATA TABLE		
SUPPORT LOCATION	WORKING STRESS DESIGN (WSD)	
	ALLOWABLE BEARING CAPACITY (TSF)	DESIGN BEARING CAPACITY (TSF)
ABUT 1	3.0	3.0
ABUT 2	3.0	3.0


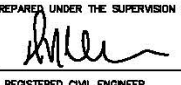

FLOODPLAIN DATA BASED ON INFORMATION WHEN THE PLANS WERE PREPARED AND IS SHOWN TO MEET FEDERAL REQUIREMENTS. THE ACCURACY OF SAID INFORMATION IS NOT WARRANTED BY EL DORADO COUNTY. ANY INTERESTED OR AFFECTED PARTIES SHOULD MAKE THEIR OWN INVESTIGATION.

LEGEND:

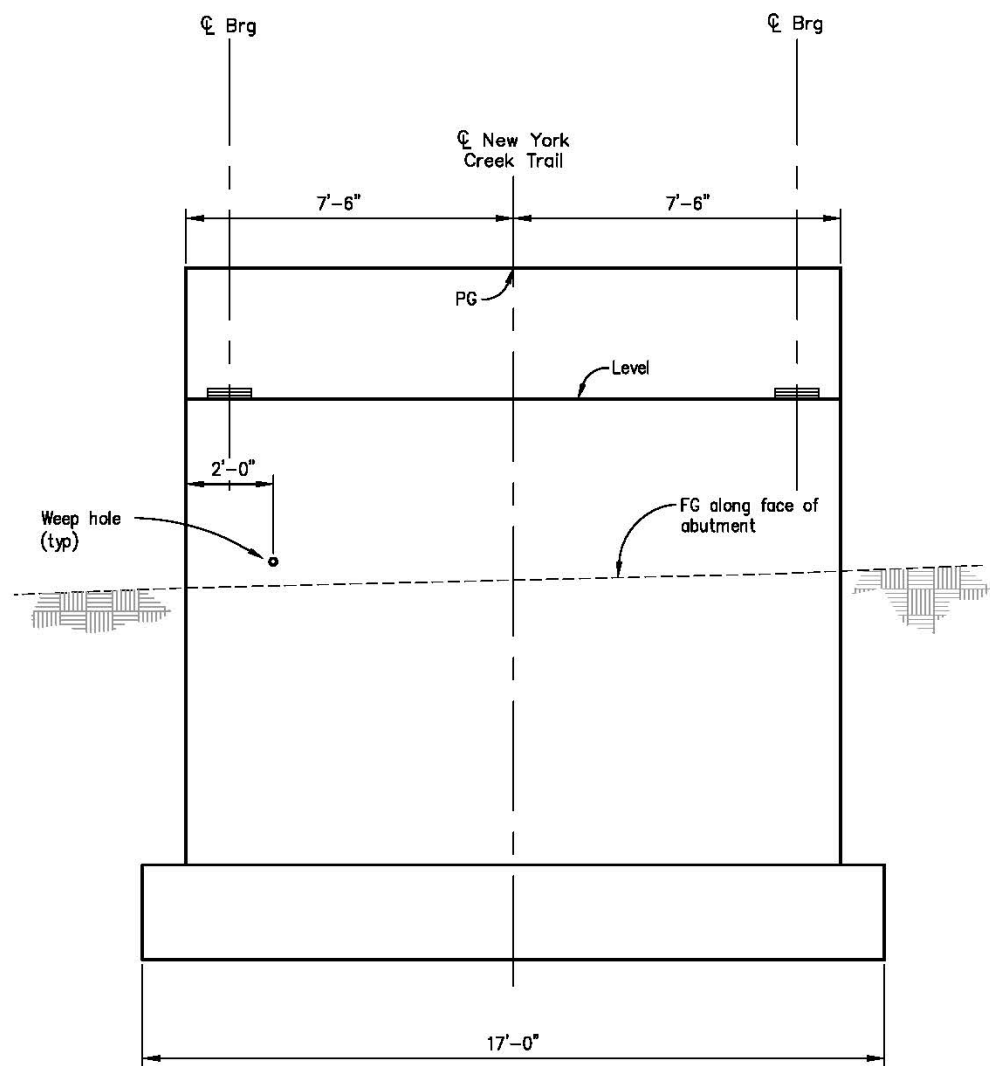
- XXX.XX Bottom of Footing Elevation
- Indicates Direction of Water Flow

NOTES:

1. Contractor to protect all existing utilities in place.
2. Contractor to verify all controlling field dimensions prior to ordering or fabricating any materials.

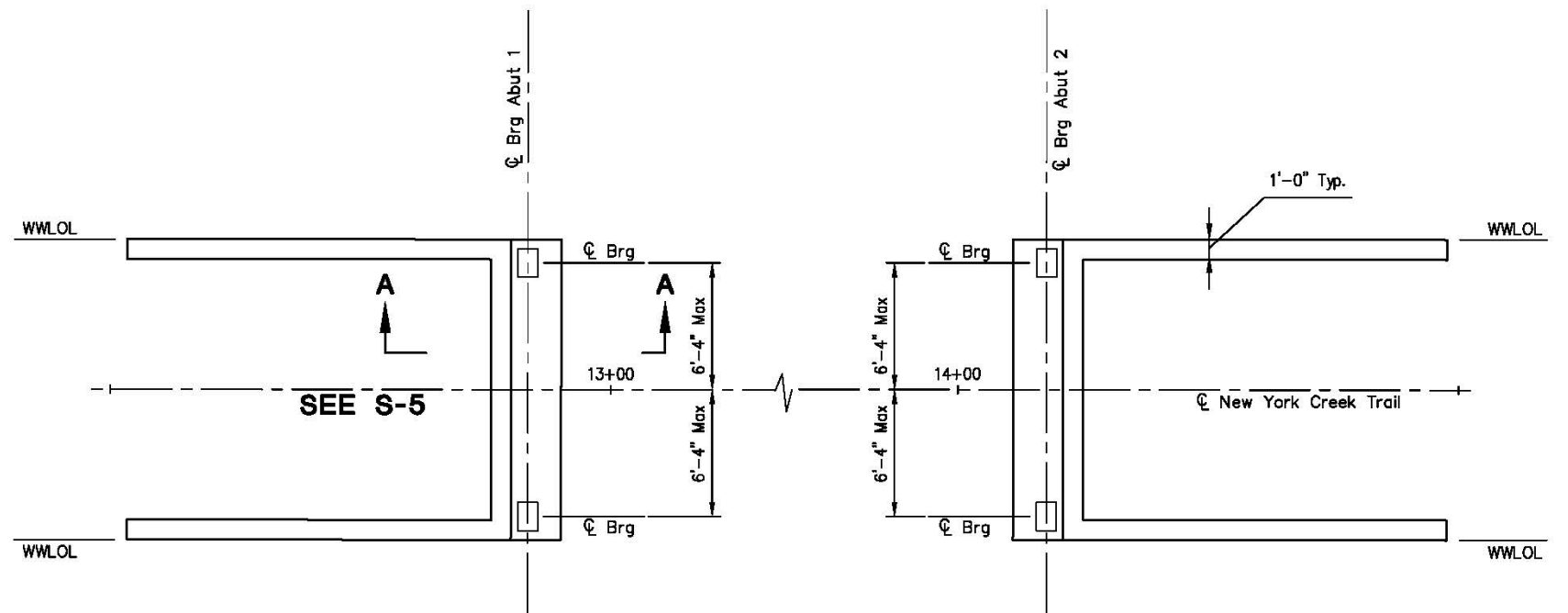
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REVISION	NUMBER	DATE	DESCRIPTION	BY																						

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 0



ELEVATION

1/2" = 1'-0"



PLAN

1/4" = 1'-0"

NOTES:

- Contractor to verify all controlling field dimensions prior to ordering or fabricating any materials.

ABUTMENT LAYOUT

REVISION	NUMBER	DATE	DESCRIPTION	BY



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 CIVIL
 STATE OF CALIFORNIA
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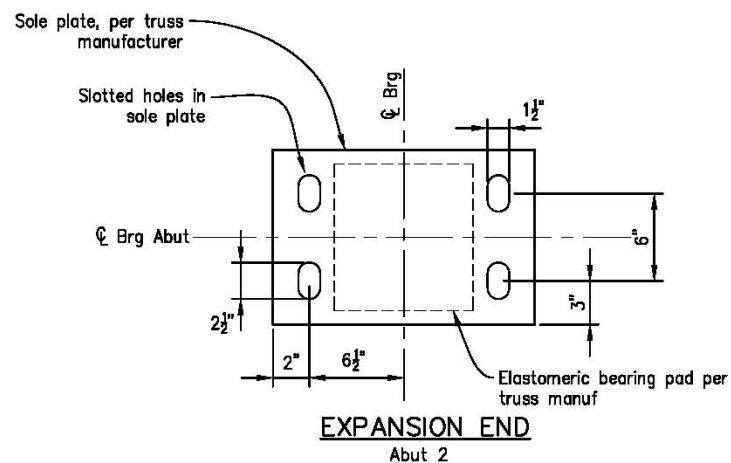
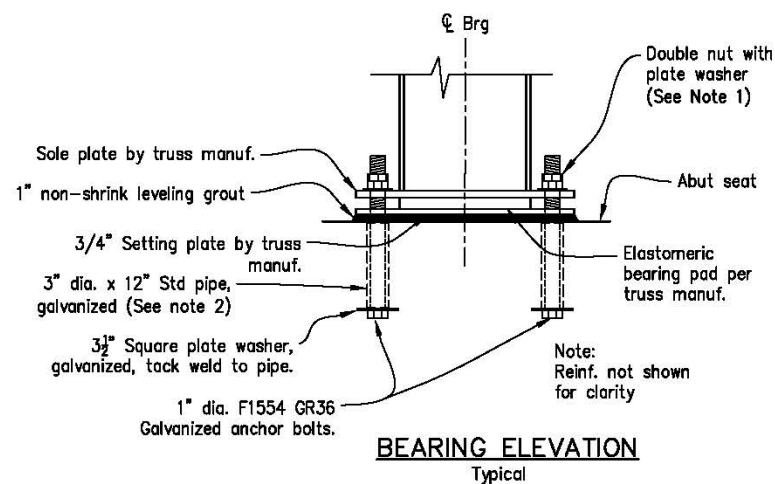
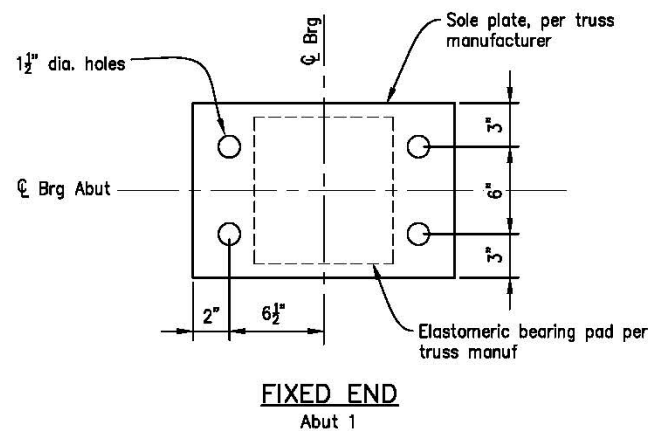
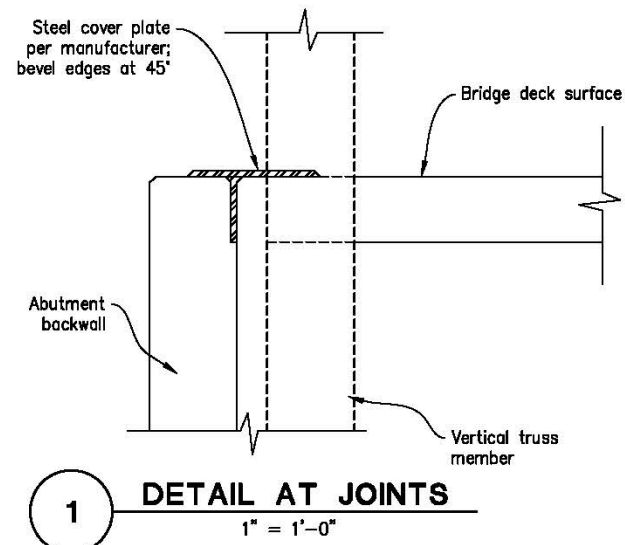


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

NEW YORK CREEK TRAIL (EAST)
PHASE 2

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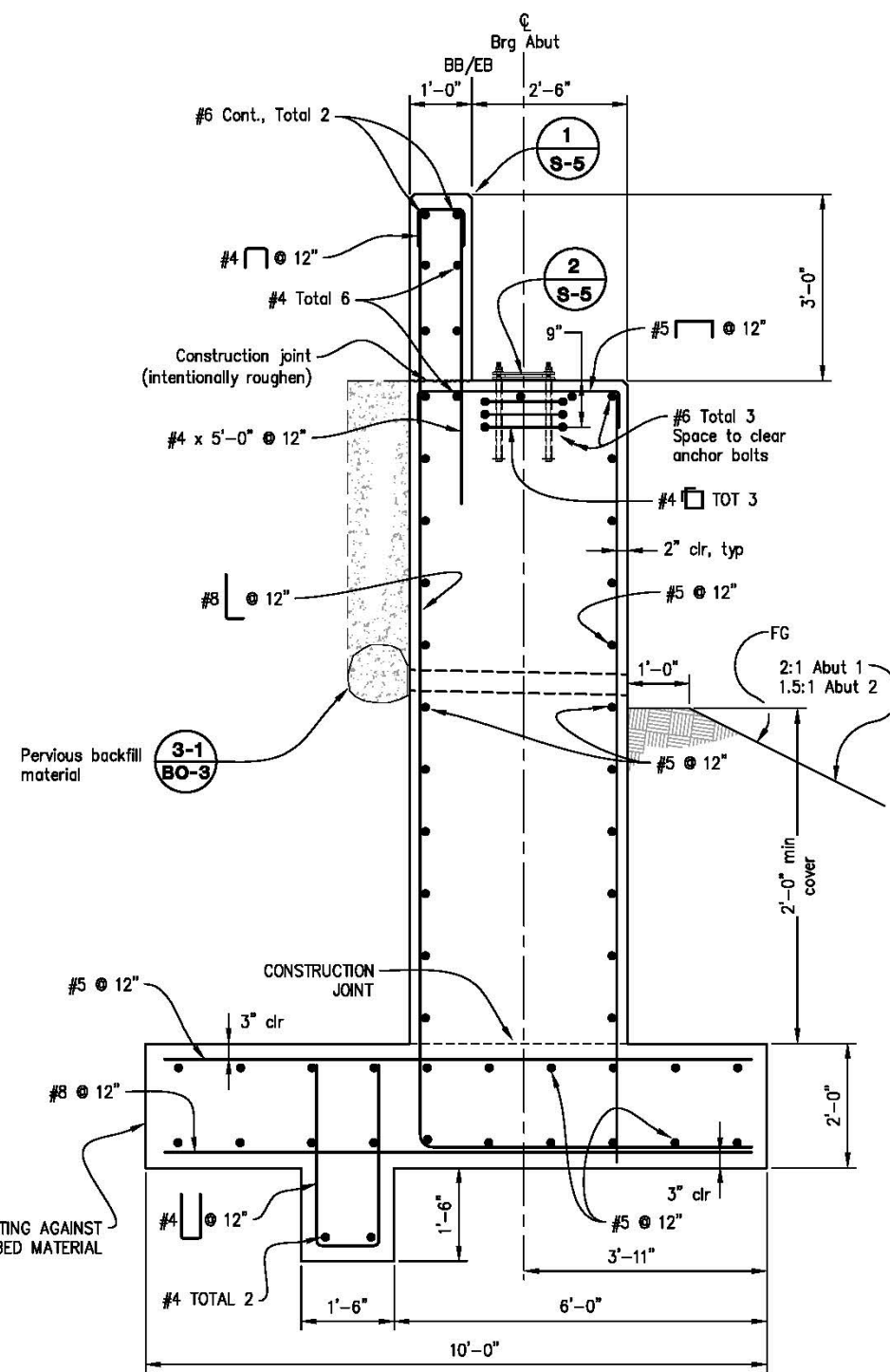
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2 **BEARING PAD ASSEMBLY**
NO SCALE

NOTES:

- Expansion End: Tighten bottom nut, loosen 1/4 turn and tighten top nut to bottom nut to allow movement. Fixed End: Both nuts shall be snug tight.
- Fill pipe with grout containing an approved non-shrink additive after setting truss.
- Representative bearing plates shown, fabricator to submit bearing plate details with fabricated bridge submittal.



CONTRACTOR TO VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIALS.

ABUTMENT DETAILS

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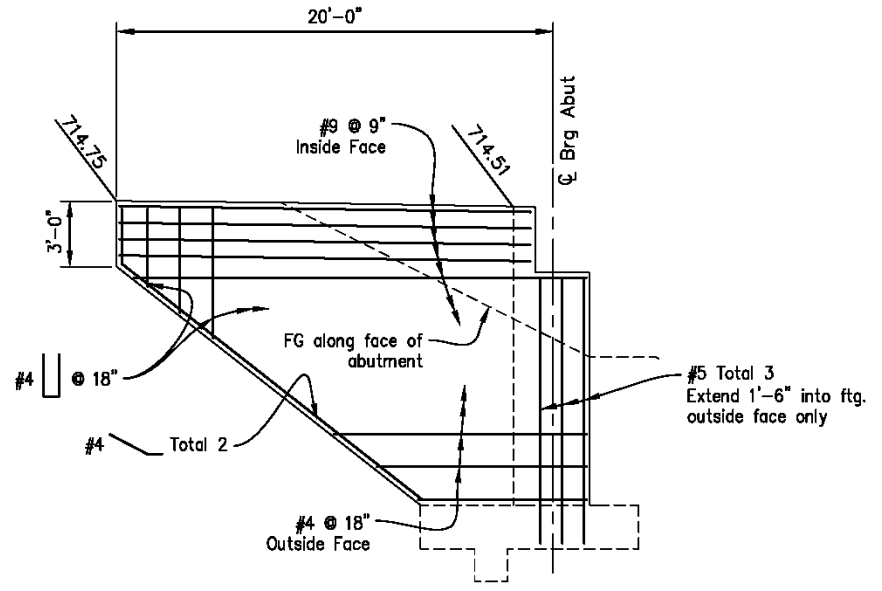


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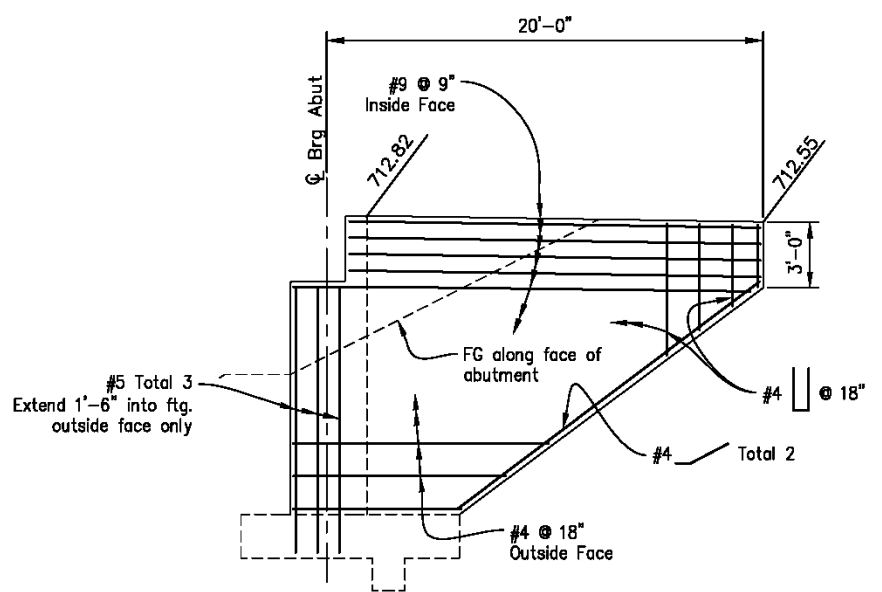
NEW YORK CREEK TRAIL (EAST)
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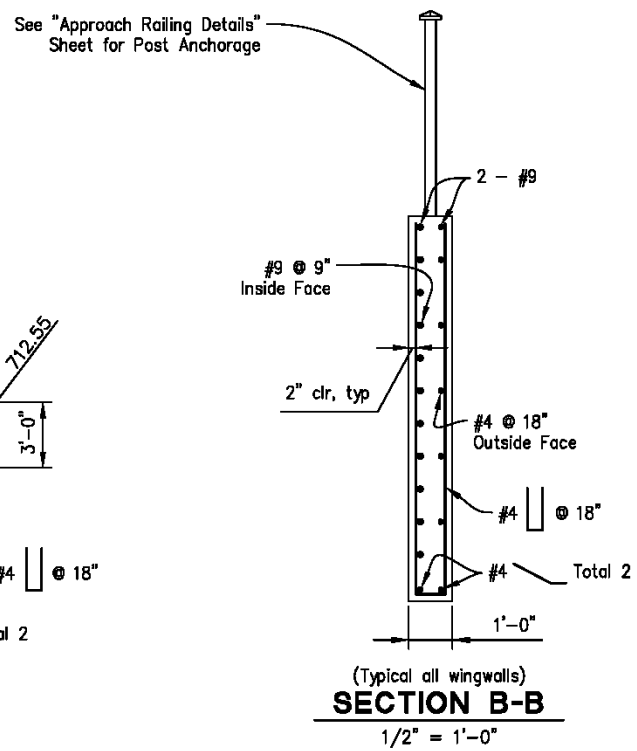
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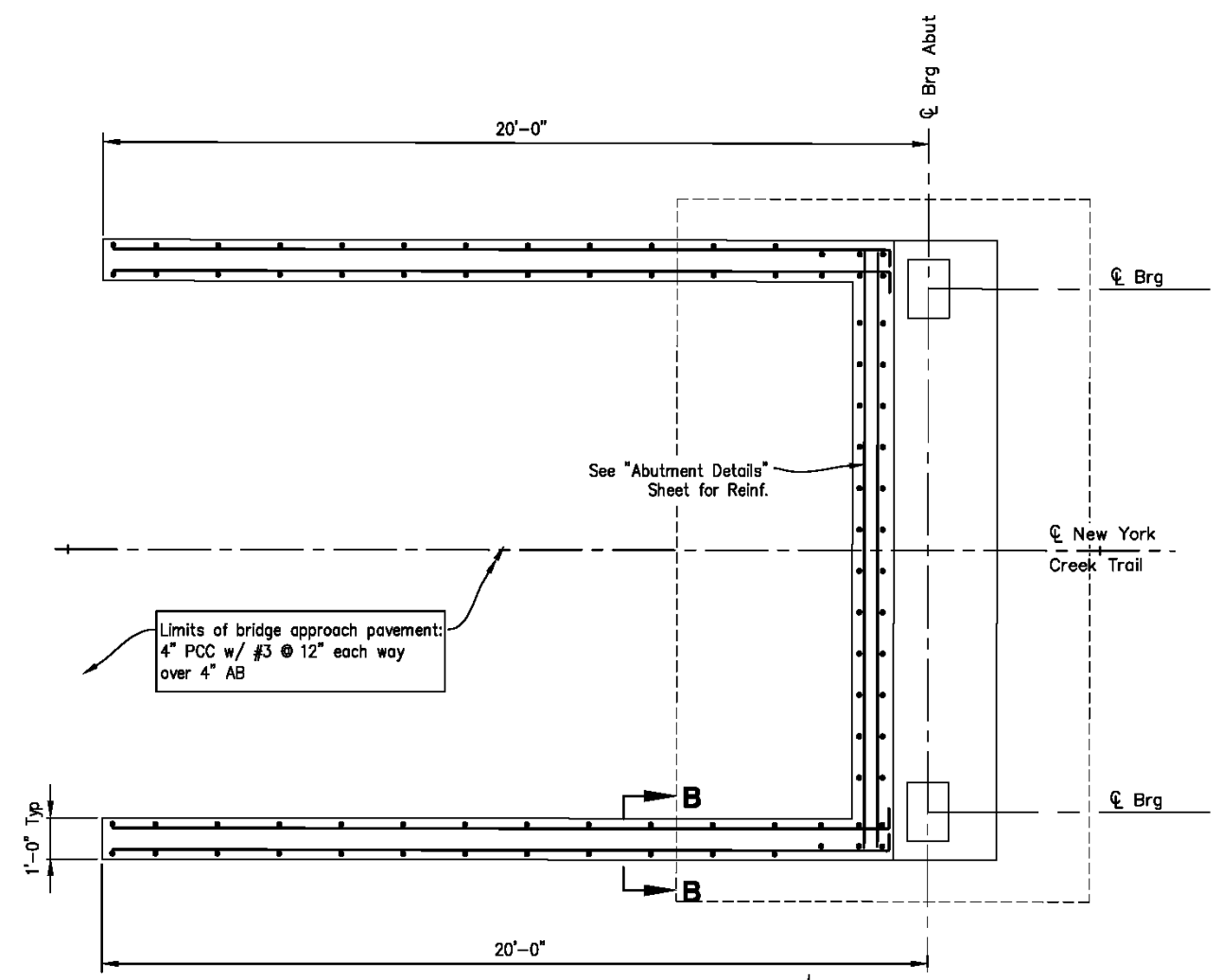
**ABUTMENT 1
WINGWALL ELEVATION**
1/4" = 1'-0"



**ABUTMENT 2
WINGWALL ELEVATION**
1/4" = 1'-0"



(Typical all wingwalls)
SECTION B-B
1/2" = 1'-0"



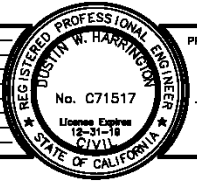
ABUTMENT 1 PLAN
1/2" = 1'-0"
(Abut 2 Similar)

NOTE: FG of Bridge Approach Pavement at Edges to match PG (No Cross Slope).

CONTRACTOR TO VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIALS.

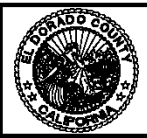
WINGWALL DETAILS

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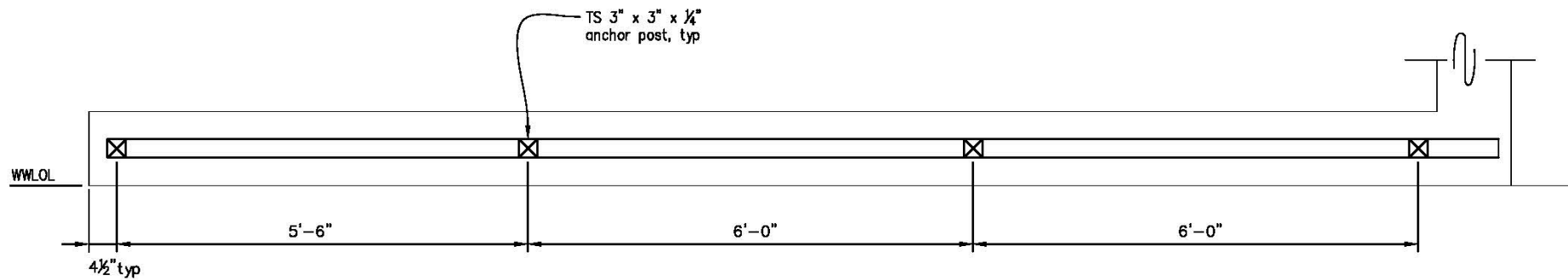


**COUNTY OF EL DORADO
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**NEW YORK CREEK TRAIL (EAST)
PHASE 2**

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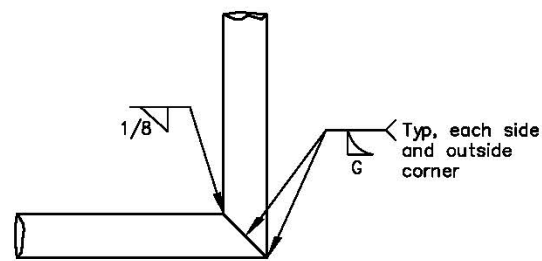


RAILING POST SPACING PLAN

1"=1'-0"

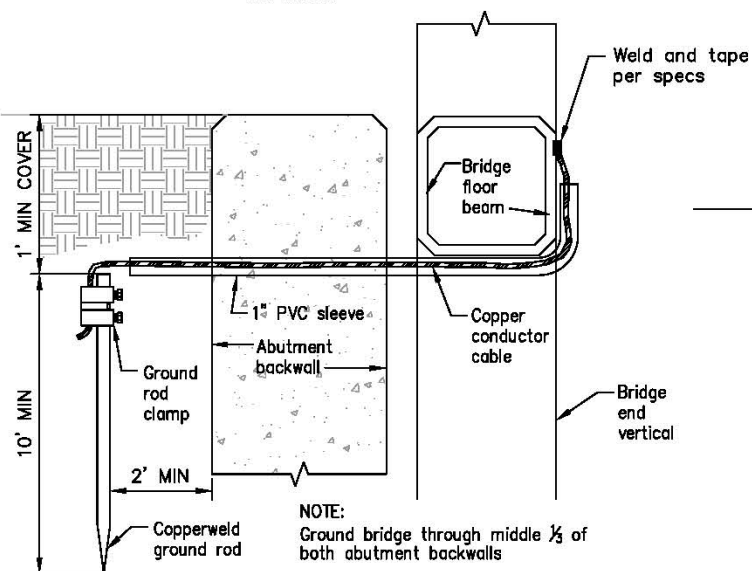
NOTES:

1. All horizontal railing dimensions measured along railing.
2. Railings shall be constructed so that no object larger than a 4" sphere can pass through any portion of the railing.
3. Posts & pickets shall be vertical.
4. All welds shall be a minimum of 3/8" thick and ground smooth.
5. Anchor posts shall be continuous.
6. Paint all steel railing components to match bridge steel.
7. Install rub rail on inside face of railing. Ends shall be closed and all edges ground smooth.



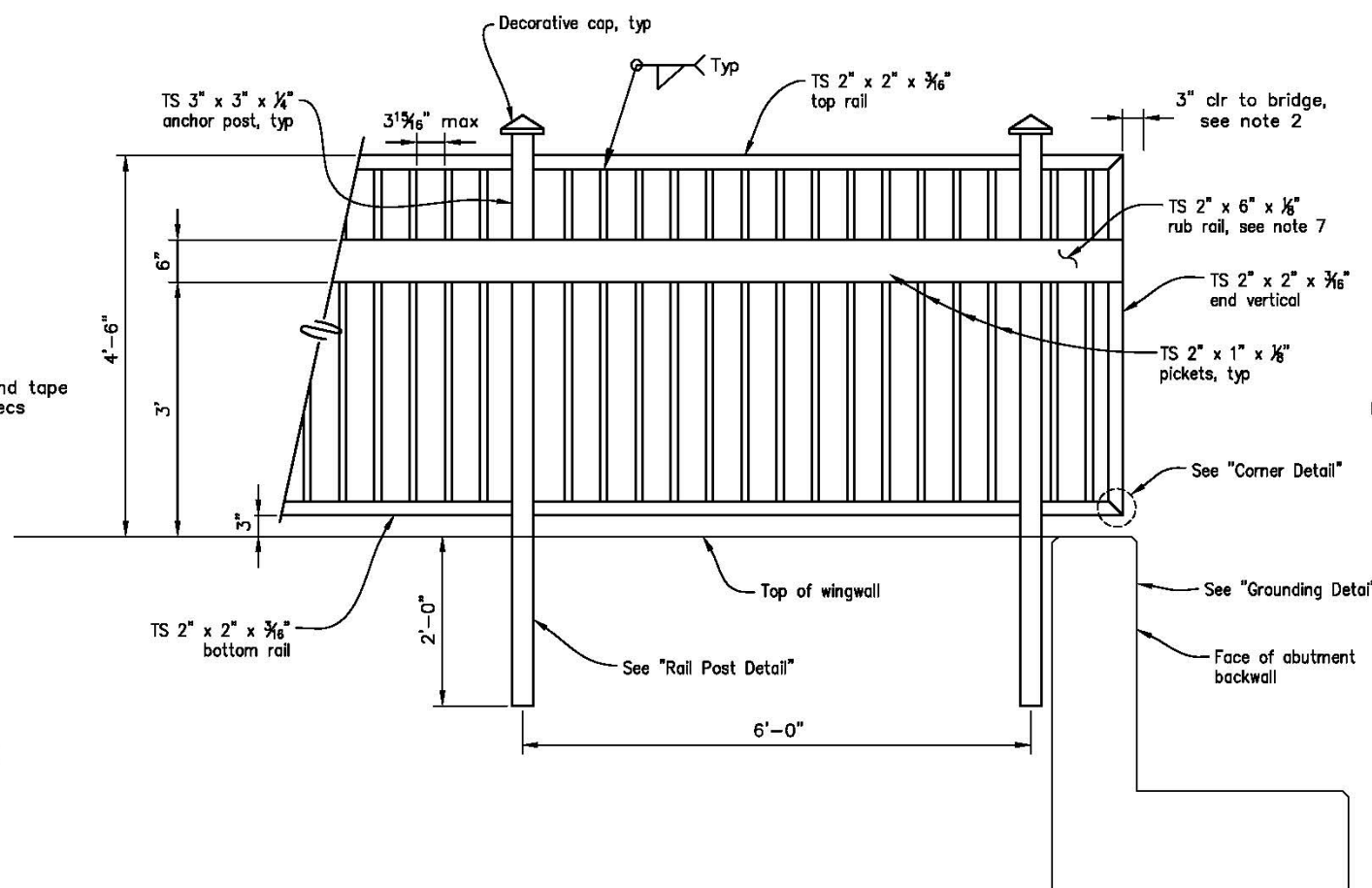
CORNER DETAIL

NO SCALE



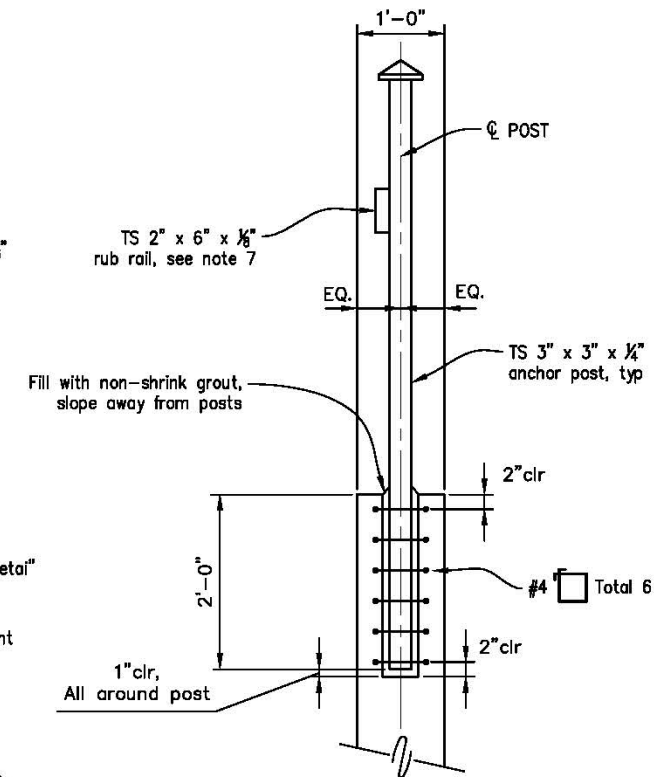
GROUNDING DETAIL

NO SCALE



TUBULAR STEEL RAILING - ELEVATION

1"=1'-0"



RAIL POST DETAIL

1"=1'-0"

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APPROACH RAILING DETAILS

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 DATE: 04/27/18

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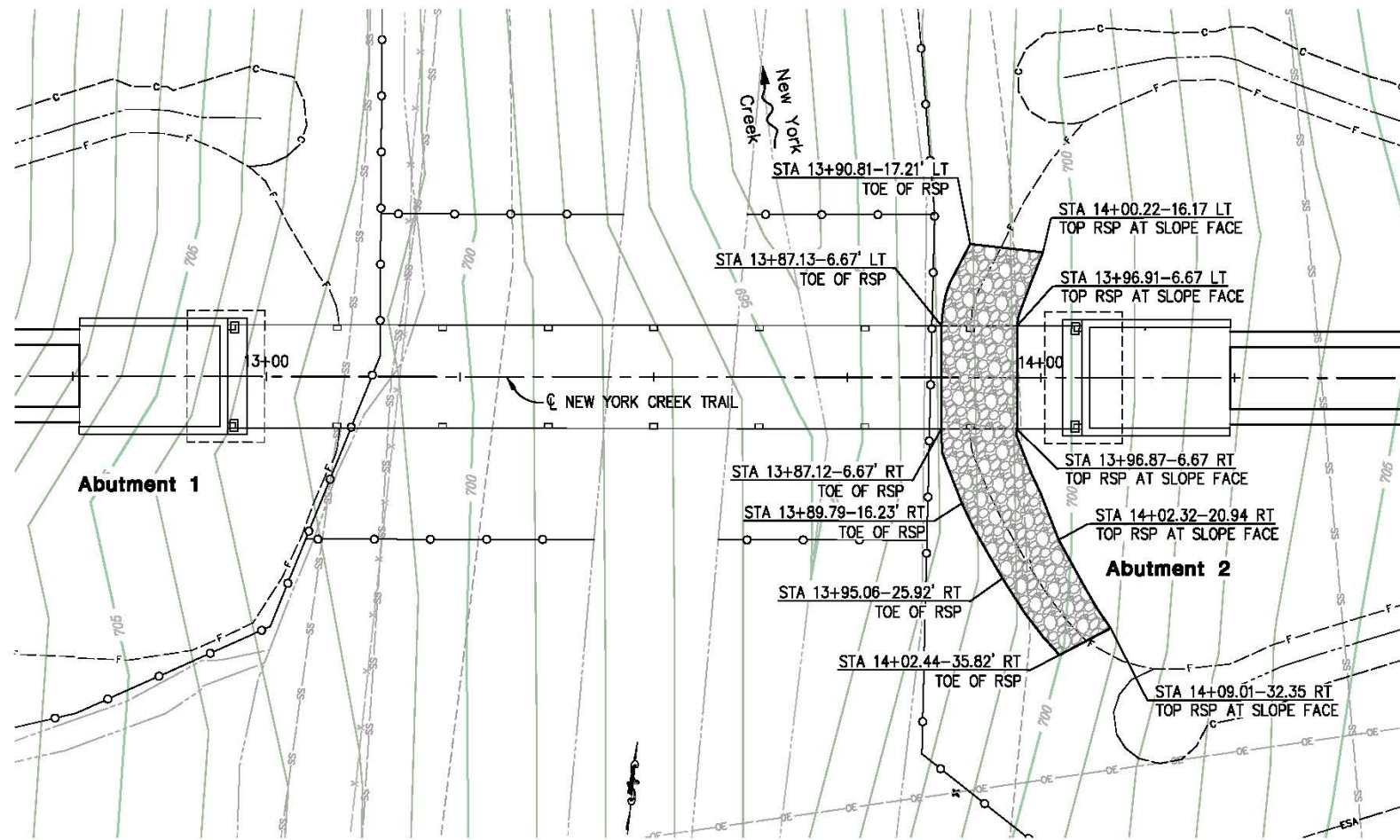


**COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION**

**NEW YORK CREEK TRAIL (EAST)
 PHASE 2**

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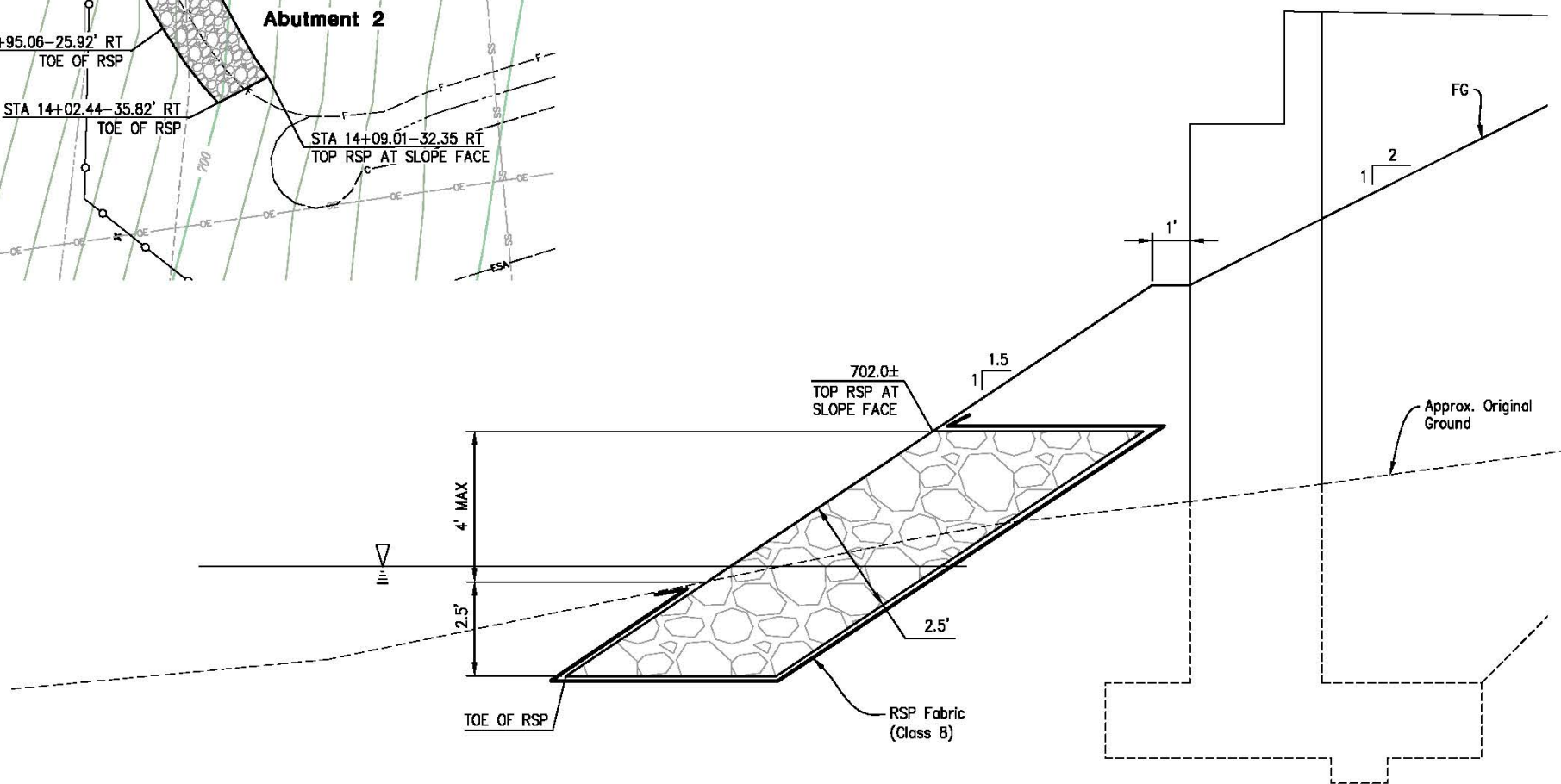
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 0 1 2



PLAN
1" = 10'-0"

LEGEND

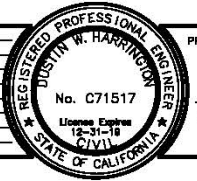
	- Indicates limits of "Light" class Rock Slope Protection (Method B Placement)
	- Indicates 100-year Design Water Surface Elevation (698.09)
	- FROG FENCE
	- ENVIRONMENTAL FENCE



ABUTMENT 2 RSP
1/2" = 1'-0"

ROCK SLOPE PROTECTION

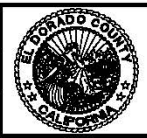
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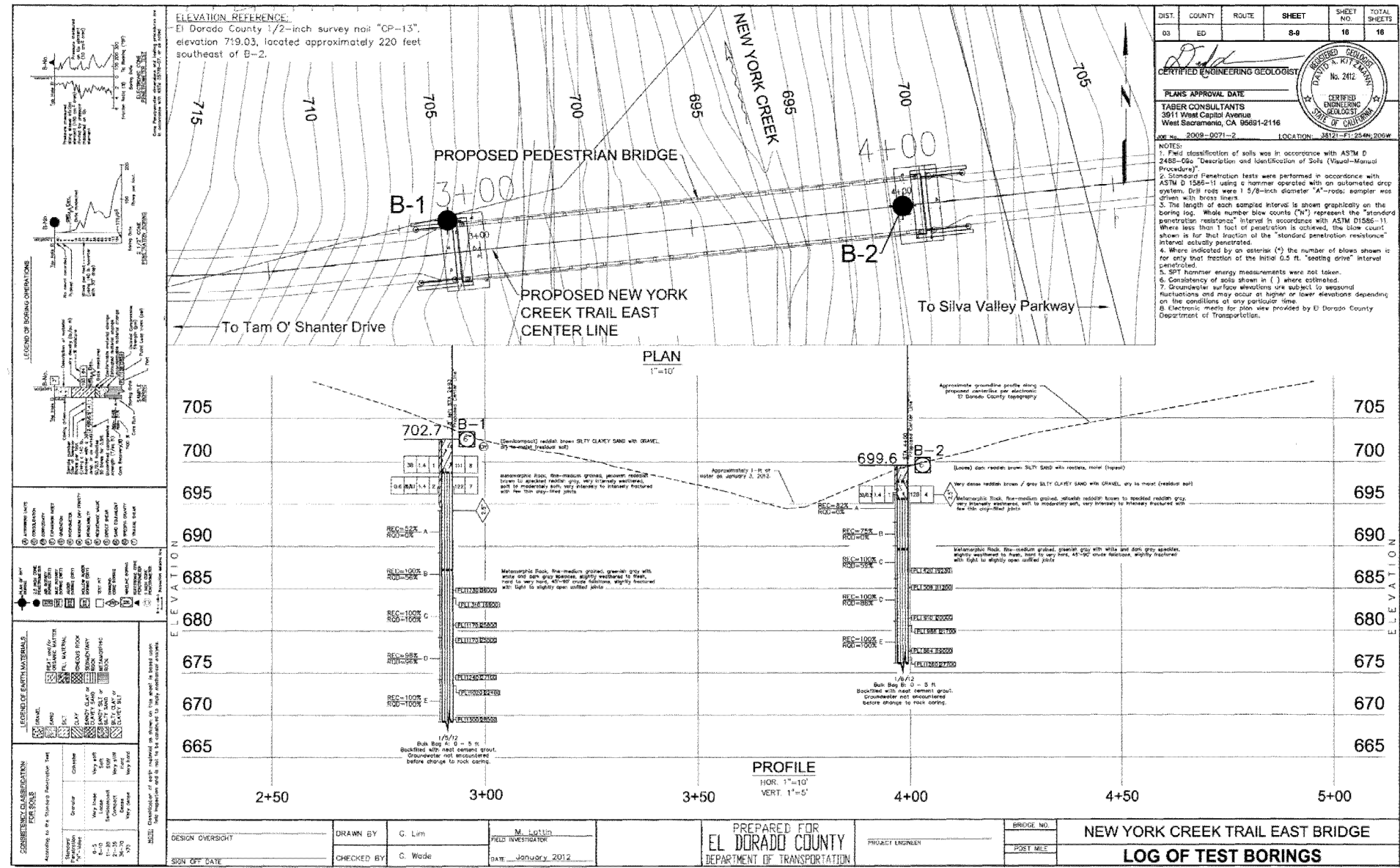
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**COUNTY OF EL DORADO
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**NEW YORK CREEK TRAIL (EAST)
 PHASE 2**

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04/06/2012 2009-0071-2.dwg