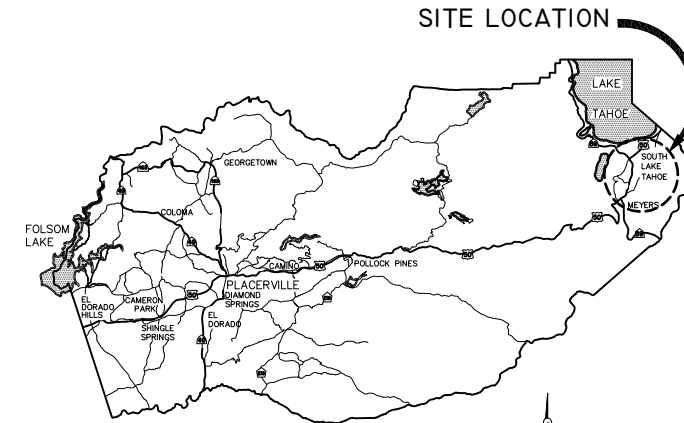


DEPARTMENT OF TRANSPORTATION
COUNTY OF EL DORADO, CA

PROJECT PLANS FOR THE CONSTRUCTION OF
CHRISTMAS VALLEY PHASE 2C
EROSION CONTROL PROJECT

IN THE COUNTY OF EL DORADO, DISTRICT 5
WITHIN PORTIONS OF THE CHRISTMAS VALLEY UNIT 2,
TAHOE PARADISE UNIT 58, SIERRA PARK AND SIERRA PARK 2 SUBDIVISIONS,
AND POR. OF SEC 32, T.12N., R.18E., M.D.M.

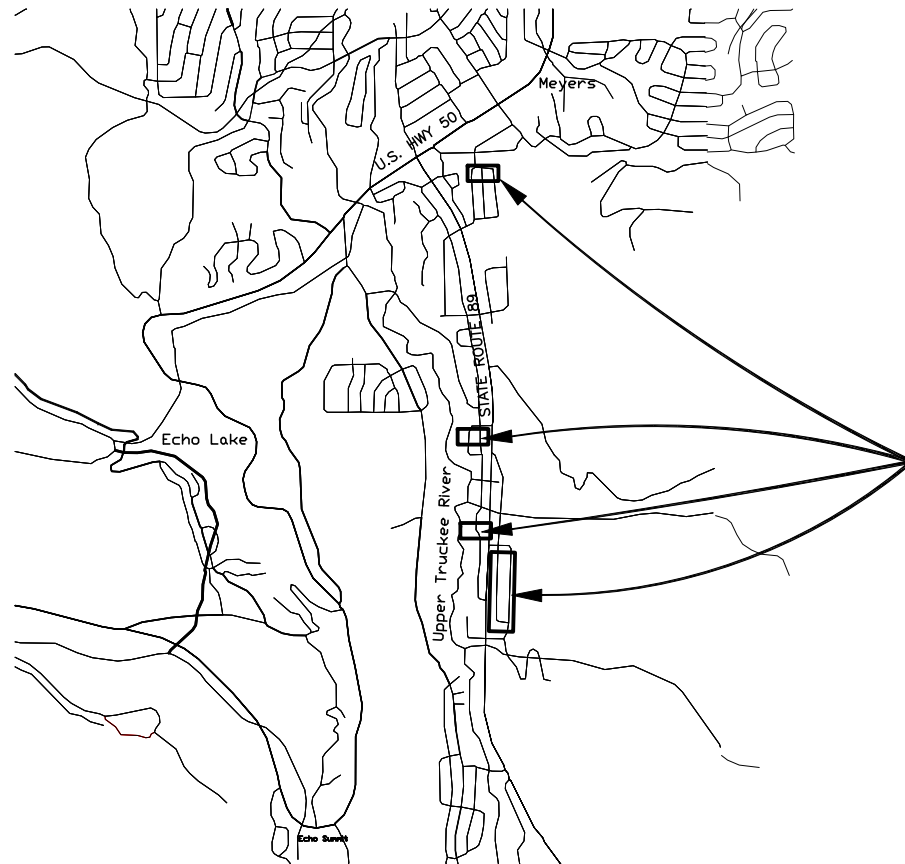


VICINITY MAP
COUNTY OF EL DORADO

To be supplemented with Standard Plans and Specifications dated May 2006, including the amendments to the May 2006 Standard Specifications, of the California Department of Transportation, unless otherwise noted.

Sheet List Table

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16	D-2	DETAILS
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18	EC-2	TEMPORARY EROSION CONTROL DETAILS
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20	R-1	REVEGETATION PLAN
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LOCATION MAP

SCALE: 1" = 2000'

CHRISTMAS VALLEY PHASE 2C
PROJECT AREAS

FUNDING AGENCY

USDA FOREST SERVICE
CALIFORNIA TAHOE CONSERVANCY



SUBMITTED BY: DONALDO S. PALAROAN, P.E. DATE 05/31/12
SENIOR CIVIL ENGINEER
STATE OF CALIFORNIA NO. 66083

BOARD OF SUPERVISORS

JOHN R. KNIGHT	I
RAYMOND J. NUTTING	II
JAMES SWEENEY	III
RON V. BRIGGS	IV
NORMA SANTIAGO	V

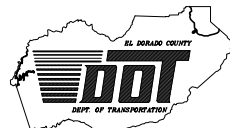
COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION

(530) 573-7900 (530) 621-5900
924 B EMERALD BAY ROAD 2850 FAIRLANE CT
SOUTH LAKE TAHOE, CA PLACERVILLE, CA
96150 95667

ADOPTED AND APPROVED BY:	DATE
JOHN R. KNIGHT CHAIR, COUNTY OF EL DORADO BOARD OF SUPERVISORS	
APPROVED BY:	DATE
KIMBERLY A. KERR, INTERIM DIRECTOR, COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	
STEVE P. KOOTMAN, RCE NO. 45757 ACTING DEPUTY DIRECTOR OF ENGINEERING, TRANSPORTATION PLANNING & LAND DEVELOPMENT COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	

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. 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 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



CONTRACT NO. PW 10-30540, CIP NO. 95190

CHRISTMAS VALLEY PHASE 2C
EROSION CONTROL PROJECT

TITLE SHEET

SHEET 1 OF 23

Drawing name: S:\CIVIL 3D PROJECTS\95190\Engineering\PLAN WITH HAN\CHR2C_1_Title.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

REVISION

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: _____

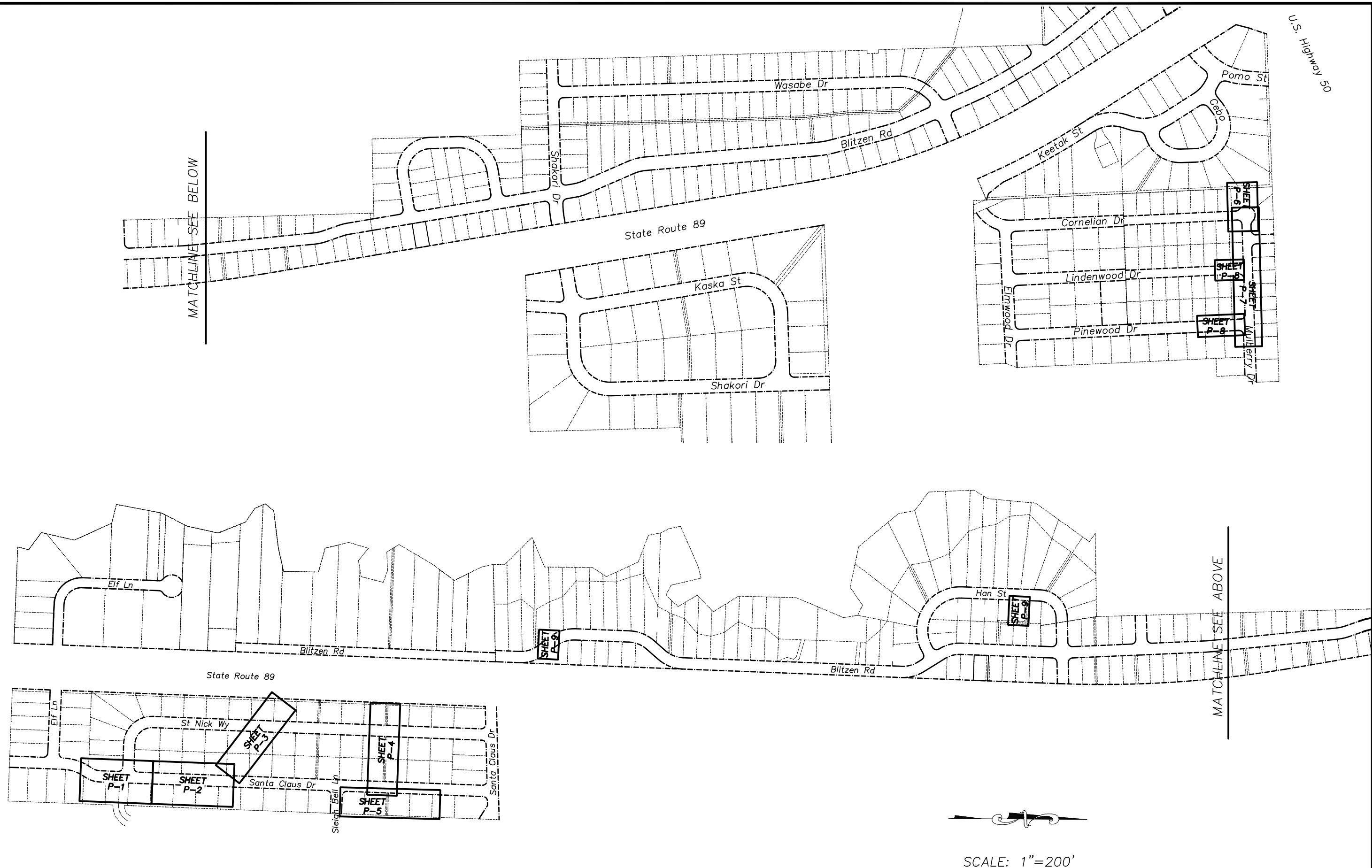
DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER: _____



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 INDEX SHEET

SHEET **iii**
 3 of 23
 CONTRACT NO. PW 10-30540
 CIP NO. 95190



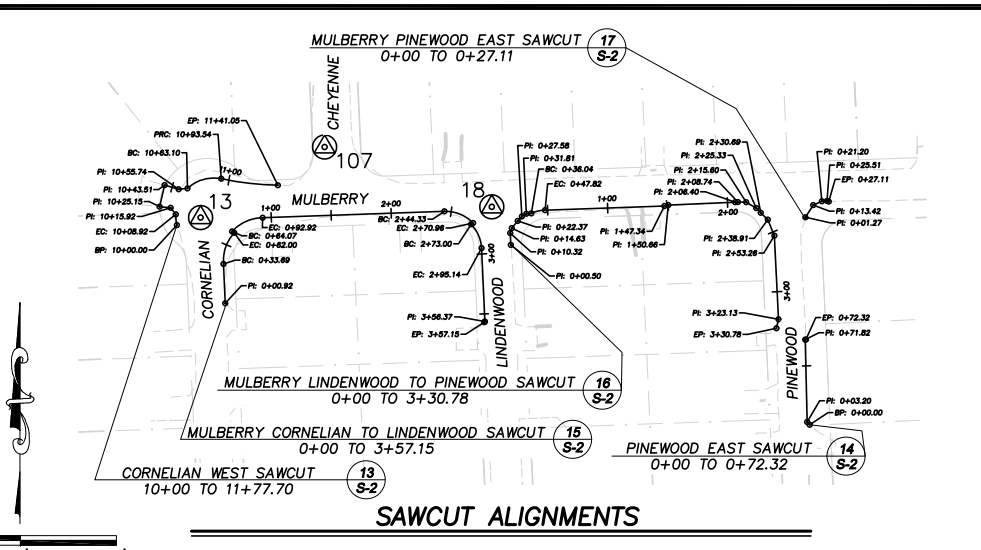
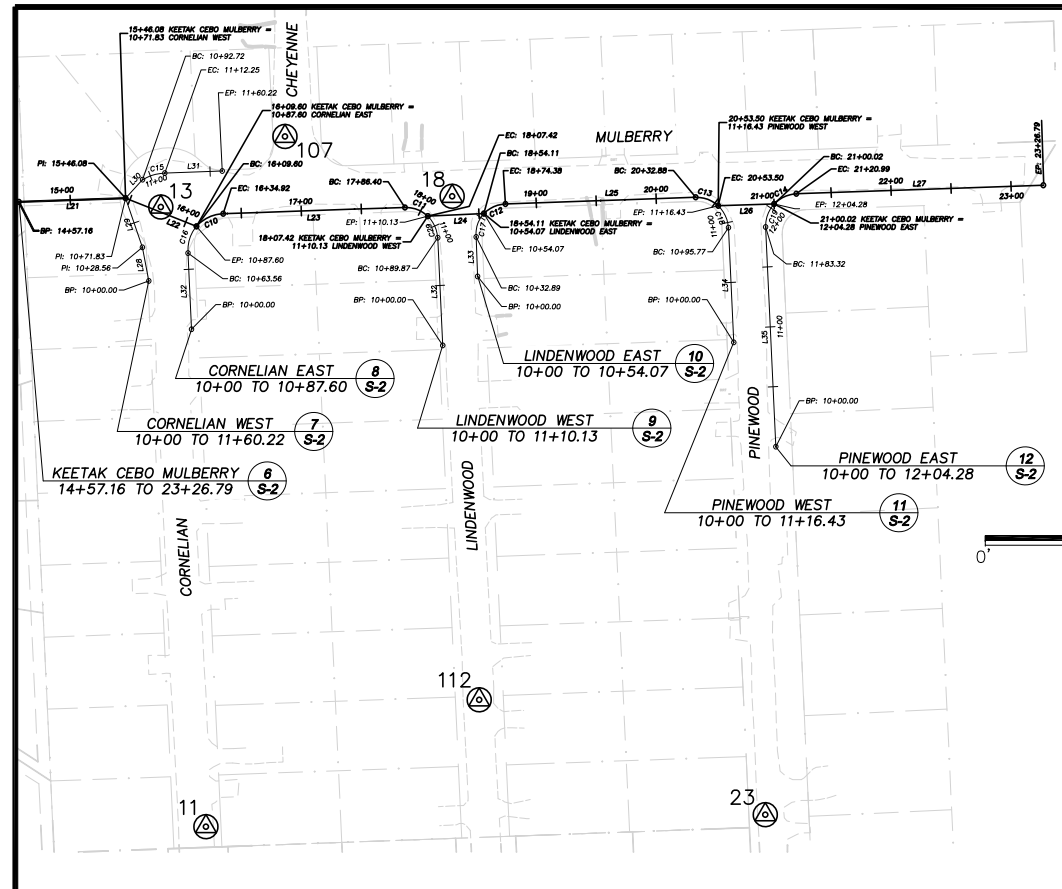
SCALE: 1"=200'

U.S. Highway 50

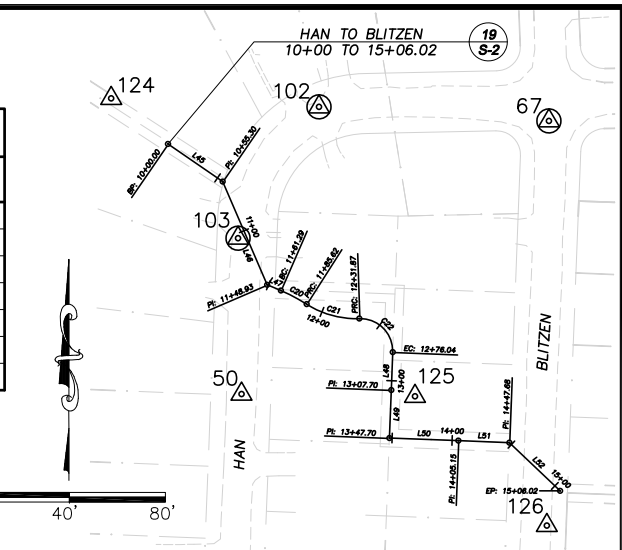
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MATCHLINE SEE ABOVE

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ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS
REVISION



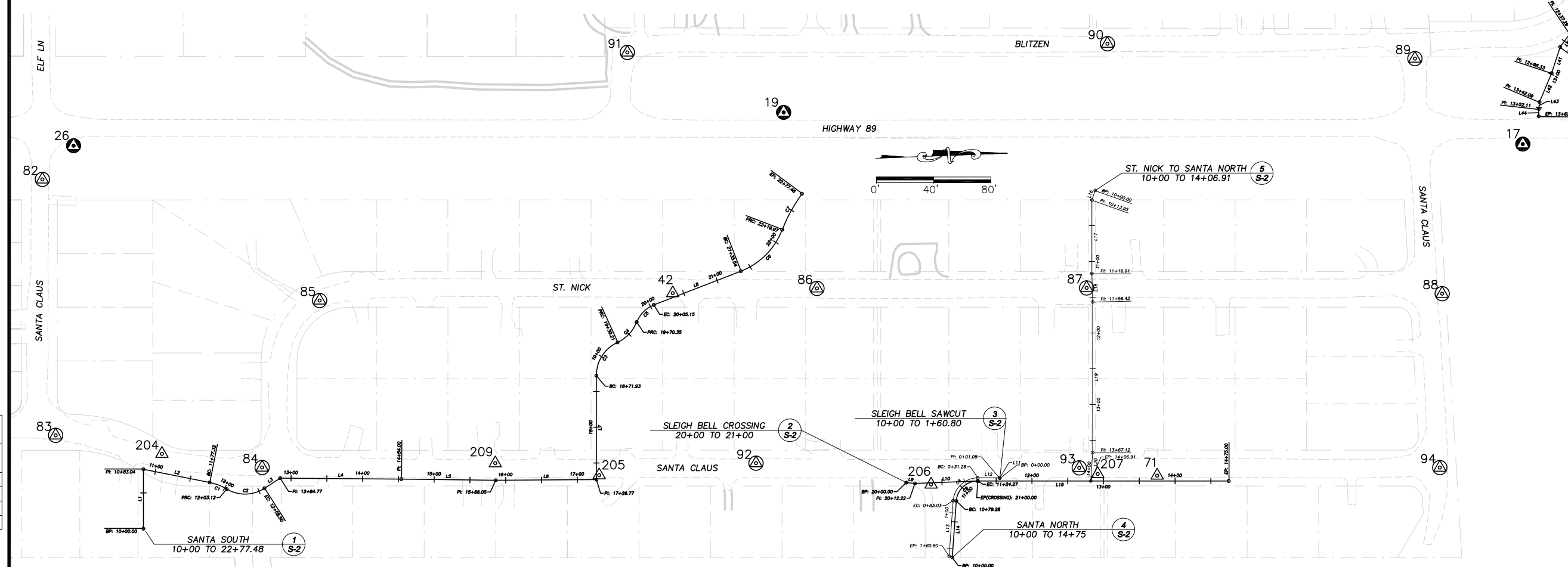
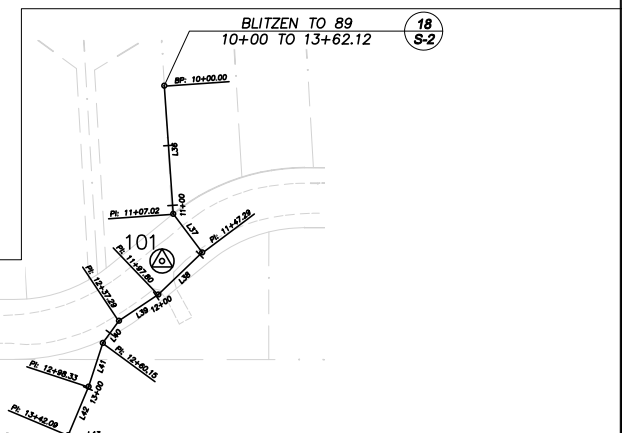
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
50	2072051.58	7125892.04	6372.46	MAG NAIL
67	2072279.16	7126148.18	6377.71	MAG NAIL
102	2072290.83	7125956.65	6373.97	MAG NAIL
103	2072181.45	7125889.17	6372.37	MAG NAIL
124	2072297.89	7125783.55	6364.41	HUB & TACK
125	2072049.67	7126036.61	6371.91	HUB & TACK
126	2071942.10	7126146.40	6375.65	MAG NAIL



CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
11	2077121.80	7125994.13	6354.53	MAG NAIL
13	2077638.16	7125956.59	6351.50	MAG NAIL
18	2077647.08	7126199.31	6352.60	MAG NAIL
23	2077131.73	7126460.18	6379.72	MAG NAIL
107	2077697.04	7126059.93	6351.31	MAG NAIL
112	2077227.44	7126221.80	6358.98	MAG NAIL

HORIZONTAL DATUM
BASIS OF BEARING FOR SURVEY CONTROL IS GRID NORTH, CALIFORNIA COORDINATE SYSTEM (NAD 83) ZONE 2, US SURVEY FT, 1991.35 EPOCH, ESTABLISHED USING CONVENTIONAL MEASUREMENTS TO CONTROL POINTS SHOWN ON THIS SHEET.

VERTICAL DATUM
ELEVATION DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1929. TBM POINTS ARE CONTROL POINTS SHOWN ON THIS SHEET



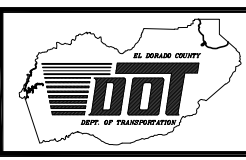
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	2069905.48	7126317.86	6382.97	3" BRASS DISC
19	2068875.37	7126234.32	6388.32	3" BRASS DISC
26	2067882.26	7126243.11	6400.22	3" BRASS DISC
42	2068710.92	7126480.86	6391.98	MAG NAIL
71	2069377.59	7126761.33	6395.47	MAG NAIL
82	2067836.94	7126288.46	6402.68	MAG NAIL
83	2067841.92	7126646.65	6403.81	MAG NAIL
84	2068128.53	7126702.54	6399.52	MAG NAIL
85	2068213.23	7126466.58	6397.32	MAG NAIL
86	2068912.57	7126481.87	6391.52	MAG NAIL
87	2069288.98	7126495.60	6389.09	MAG NAIL
88	2069785.04	7126522.49	6388.19	5/8" CAP REBAR
89	2069759.36	7126192.81	6381.50	MAG NAIL
90	2069331.12	7126155.72	6385.64	MAG NAIL
91	2068660.36	7126142.41	6390.57	MAG NAIL
92	2068818.12	7126722.73	6395.99	MAG NAIL
93	2069269.21	7126746.45	6394.94	MAG NAIL
94	2069772.52	7126765.24	6396.99	MAG NAIL
101	2070014.77	7126118.09	6379.40	MAG NAIL
204	2067989.27	7126678.08	6401.91	MAG NAIL
205	2068598.66	7126731.23	6396.37	MAG NAIL
206	2069061.44	7126761.81	6395.89	MAG NAIL
207	2069294.63	7126755.92	6395.12	MAG NAIL
209	2068454.21	7126708.91	6395.93	MAG NAIL

REVISION NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Loren A. Manasco
PROFESSIONAL LAND SURVEYOR

DESIGNED: DSP
DRAWN: KIS
CHECKED: LAM
DATE: 05/12
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
ALIGNMENTS & CONTROL POINT LIST

SHEET
S-1
4 OF 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

SANTA SOUTH FROM 10+00 TO 22+77.48											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L1	10+00	10+83.04	LINE	83.04	----	N87°49'21"W	----	2067959.45	7126781.70	2067962.61	7126698.72
L2	10+83.04	11+77.32	LINE	94.28	----	N132°26'17"E	----	2067962.61	7126698.72	2068054.30	7126720.63
C1	11+77.32	12+03.12	CURVE RIGHT	25.81	76.16	----	192°45'56"	2068054.30	7126720.63	2068077.92	7126730.73
C2	12+03.12	12+58.50	CURVE LEFT	55.38	50.13	----	63°17'29"	2068077.92	7126730.73	2068130.51	7126731.83
L3	12+58.50	12+84.77	LINE	26.27	----	N30°56'35"W	----	2068130.51	7126731.83	2068153.04	7126732.17
L4	12+84.77	14+54	LINE	169.24	----	N23°29'24"E	----	2068153.04	7126732.17	2068322.10	7126726.17
L5	14+54	15+86.05	LINE	132.05	----	N23°29'24"E	----	2068322.10	7126726.17	2068453.96	7126732.83
L6	15+86.05	17+26.77	LINE	140.72	----	N17°41'57"E	----	2068453.96	7126732.83	2068594.63	7126737.17
L7	17+26.77	18+71.83	LINE	145.16	----	N87°53'09"W	----	2068594.63	7126737.17	2068599.98	7126592.11
C3	18+71.83	19+30.21	CURVE RIGHT	58.28	50.17	----	66°33'37"	2068599.98	7126592.11	2068631.19	7126546.75
C4	19+30.21	19+70.35	CURVE LEFT	40.14	51.41	----	44°43'45"	2068631.19	7126546.75	2068659.06	7126191.29
C5	19+70.35	20+05.15	CURVE RIGHT	34.80	41.58	----	47°57'33"	2068659.06	7126191.29	2068683.80	7126496.27
L8	20+05.15	21+35.54	LINE	130.39	----	N18°58'14"W	----	2068683.80	7126496.27	2068807.10	7126453.88
C6	21+35.54	22+19.97	CURVE LEFT	84.43	101.10	----	47°50'53"	2068807.10	7126453.88	2068867.17	7126398.07
C7	22+19.97	22+77.48	CURVE RIGHT	57.51	212.88	----	152°28'44"	2068867.17	7126398.07	2068896.64	7126348.88

SANTA SOUTH ALIGNMENT
10+00 TO 22+77.48

1
S-2

SLEIGH BELL CROSSING FROM 20+00 TO 21+00											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L9	20+00	20+12.22	LINE	12.22	----	N7°09'42"E	----	2069026.82	7126757.88	2069038.95	7126759.42
L10	20+12.22	21+00	LINE	87.78	----	N0°00'21"E	----	2069038.95	7126759.42	2069126.73	7126759.42

SLEIGH BELL CROSSING ALIGNMENT
20+00 TO 21+00

2
S-2

SLEIGH BELL SAWCUT FROM 0+00 TO 1+60.80											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L11	0+00	0+01.08	LINE	1.08	----	S46°31'52"W	----	2069157.82	7126758.85	2069157.82	7126758.85
L12	0+01.08	0+31.28	LINE	30.20	----	S27°10'39"W	----	2069157.82	7126758.85	2069126.73	7126754.92
C8	0+31.28	0+83.03	CURVE LEFT	51.75	34.50	----	85°56'15"	2069126.73	7126754.92	2069091.29	7126785.64
L13	0+83.03	1+60.80	LINE	77.77	----	S83°45'36"E	----	2069091.29	7126785.64	2069082.84	7126862.96

SLEIGH BELL SAWCUT ALIGNMENT
0+00 TO 1+60.80

3
S-2

SANTA NORTH FROM 10+00 TO 14+75											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L14	10+00	10+79.28	LINE	79.28	----	N83°45'36"E	----	2069087.15	7126864.94	2069095.77	7126786.13
C9	10+79.28	11+24.27	CURVE RIGHT	45.00	30.00	----	85°56'15"	2069095.77	7126786.13	2069126.73	7126759.42
L15	11+24.27	14+75.00	LINE	350.73	----	N2°10'39"E	----	2069126.73	7126759.42	2069477.20	7126772.74

SANTA NORTH ALIGNMENT
10+00 TO 14+75

4
S-2

ST NICK TO SANTA NORTH FROM 10+00 TO 14+06.91											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L16	10+00	10+13.95	LINE	13.95	----	S68°23'26"E	----	2069306.20	7126359.83	2069301.06	7126372.90
L17	10+13.95	11+16.91	LINE	102.96	----	S87°49'21"E	----	2069301.06	7126372.90	2069297.15	7126453.79
L18	11+16.91	11+56.42	LINE	39.51	----	S89°16'23"E	----	2069297.15	7126453.79	2069296.65	7126515.29
L19	11+56.42	13+67.12	LINE	210.71	----	S87°49'21"E	----	2069296.65	7126515.29	2069288.64	7126725.84
L20	13+67.12	14+06.91	LINE	39.78	----	S84°03'24"E	----	2069288.64	7126725.84	2069284.56	7126785.42

ST. NICK TO SANTA NORTH ALIGNMENT
10+00 TO 14+06.91

5
S-2

KEETAK CEBO MULBERRY FROM 14+57.16 TO 23+26.79											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L21	14+57.16	15+46.08	LINE	88.92	----	N88°00'24"E	----	2077642.50	7126388.32	2077645.60	7125927.18
L22	15+46.08	16+09.60	LINE	63.52	----	S68°20'05"E	----	2077645.60	7125927.18	2077622.14	7125986.22
C10	16+09.60	16+34.92	CURVE RIGHT	25.31	31.50	----	46°02'41"	2077622.14	7125986.22	2077632.61	7126008.52
L23	16+34.92	17+86.40	LINE	151.48	----	N88°00'24"E	----	2077632.61	7126008.52	2077637.88	7126159.91
C11	17+86.40	18+07.42	CURVE RIGHT	21.02	26.47	----	45°30'28"	2077637.88	7126159.91	2077630.60	7126179.05
L24	18+07.42	18+54.11	LINE	46.69	----	N87°22'06"E	----	2077630.60	7126179.05	2077632.74	7126225.69
C12	18+54.11	18+74.38	CURVE RIGHT	20.27	26.50	----	43°49'13"	2077632.74	7126225.69	2077640.79	7126243.75
L25	18+74.38	20+32.88	LINE	158.50	----	N88°00'24"E	----	2077640.79	7126243.75	2077646.31	7126402.16
C13	20+32.88	20+53.50	CURVE RIGHT	20.61	26.36	----	44°48'16"	2077646.31	7126402.16	2077659.30	7126420.99
L26	20+53.50	21+00.02	LINE	46.53	----	N88°10'51"E	----	2077659.30	7126420.99	2077640.71	7126461.50
C14	21+00.02	21+20.99	CURVE RIGHT	20.96	26.50	----	49°19'11"	2077640.71	7126461.50	2077649.23	7126486.08
L27	21+20.99	23+26.79	LINE	205.80	----	N88°00'24"E	----	2077649.23	7126486.08	2077656.39	7126691.74

KEETAK CEBO MULBERRY ALIGNMENT
14+57.16 TO 23+26.79

6
S-2

CORNELIAN WEST FROM 10+00 TO 11+60.22											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L28	10+00	10+28.56	LINE	28.56	----	N10°34'00"W	----	2077586.60	7125946.49	2077604.67	7125941.25
L29	10+28.56	10+71.83	LINE	43.27	----	N18°58'20"W	----	2077604.67	7125941.25	2077645.60	7125927.18
L30	10+71.83	10+92.72	LINE	20.89	----	N42°32'44"E	----	2077645.60	7125927.18	2077660.99	7125941.31
C15	10+92.72	11+12.25	CURVE RIGHT	19.53	38.22	----	29°16'10"	2077660.99	7125941.31	2077666.52	7125959.82
L31	11+12.25	11+60.22	LINE	47.97	----	N88°00'24"E	----	2077666.52	7125959.82	2077668.18	7126007.76

CORNELIAN WEST ALIGNMENT
10+00 TO 11+60.22

7
S-2

CORNELIAN EAST FROM 10+00 TO 10+87.60											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L32	10+00	10+63.56	LINE	63.56	----	N23°37'58"W	----	2077536.33	7125982.13	2077599.82	7125979.21
C16	10+63.56	10+87.60	CURVE RIGHT	24.04	29.96	----	45°58'57"	2077599.82	7125979.21	2077622.14	7125986.22

CORNELIAN EAST ALIGNMENT
10+00 TO 10+87.60

8
S-2

LINDENWOOD WEST FROM 10+00 TO 11+10.13											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L32	10+00	10+89.87	LINE	89.87	----	N23°37'58"W	----	2077522.83	7126191.38	2077612.61	7126187.25
C29	10+89.87	11+10.13	CURVE LEFT	20.26	26.47	----	43°51'18"	2077612.61	7126187.25	2077630.60	7126179.05

LINDENWOOD WEST ALIGNMENT
10+00 TO 11+10.13

9
S-2

LINDENWOOD EAST FROM 10+00 TO 10+54.07											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L33	10+00	10+32.89	LINE	32.89	----	N21°40'40"W	----	2077580.37	7126220.54	2077612.61	7126219.26
C17	10+32.89	10+54.07	CURVE RIGHT	21.18	24.81	----	48°54'30"	2077612.61	7126219.26	2077632.74	7126225.69

LINDENWOOD EAST ALIGNMENT
10+00 TO 10+54.07

10
S-2

PINWOOD WEST FROM 10+00 TO 11+16.43											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L34	10+00	10+95.77	LINE	95.77	----	N23°37'58"W	----	2077536.33	7126220.54	2077612.61	7126219.26
C18	10+95.77	11+16.43	CURVE LEFT	20.67	26.50	----	44°40'49"	2077612.61	7126219.26	2077630.60	7126240.99

PINWOOD WEST ALIGNMENT
10+00 TO 11+16.43

11
S-2

PINWOOD EAST FROM 10+00 TO 12+04.28											
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
L35	10+00	11+83.32	LINE	183.32	----	N23°37'58"W	----	2077438.40	7126468.83	2077621.53	7126460.51
C19	11+83.32	12+04.28	CURVE RIGHT	20.96	26.50	----	45°19'11"	2077621.53	7126460.51	2077640.71	7126467.50

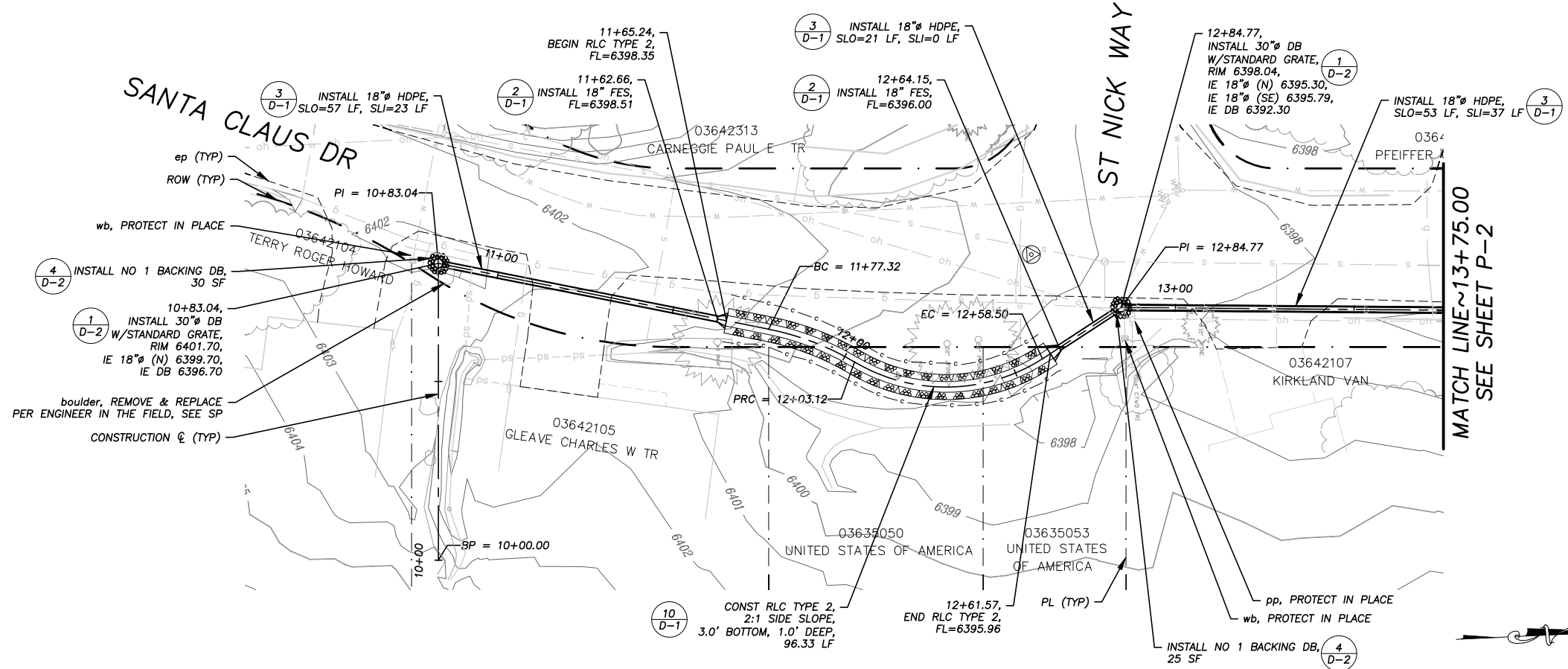
PINWOOD EAST ALIGNMENT
10+00 TO 12+04.28

12
S-2

CORNELIAN WEST SAWCUT FROM 10+00 TO 11+41.05											
DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING	
CURVE RIGHT	10+00	10+08.92	8.92	31.53	----	16°12'28"	2077631.98	7125936.88	2077640.82	7125935.95	
LINE	10+08.92	10+15.92	7.00	----	N37°21'43"W	----	2077640.82	7125935.95	2077646.39	7125931.70	
LINE	10+15.92	10+25.15	9.23	----	N84°11'04"W	----	2077646.39	7125931.70	2077647.32	7125922.52	
LINE	10+25.15	10+43.51	18.36	----	N12°59'51"E	----	2077647.32	7125922.52	2077665.21	7125926.65	
LINE	10+43.51	10+55.74	12.23	----	S73°55'28"E	----	2077665.21	7125926.65	2077661.83	7125938.40	
LINE	10+55.74	10+63.10	7.36								

Drawing name: S:\DTE_3D_PROJECTS\09100\Engineering\MP\CA\HAW\CHC\CA SANTA P1-3.dwg

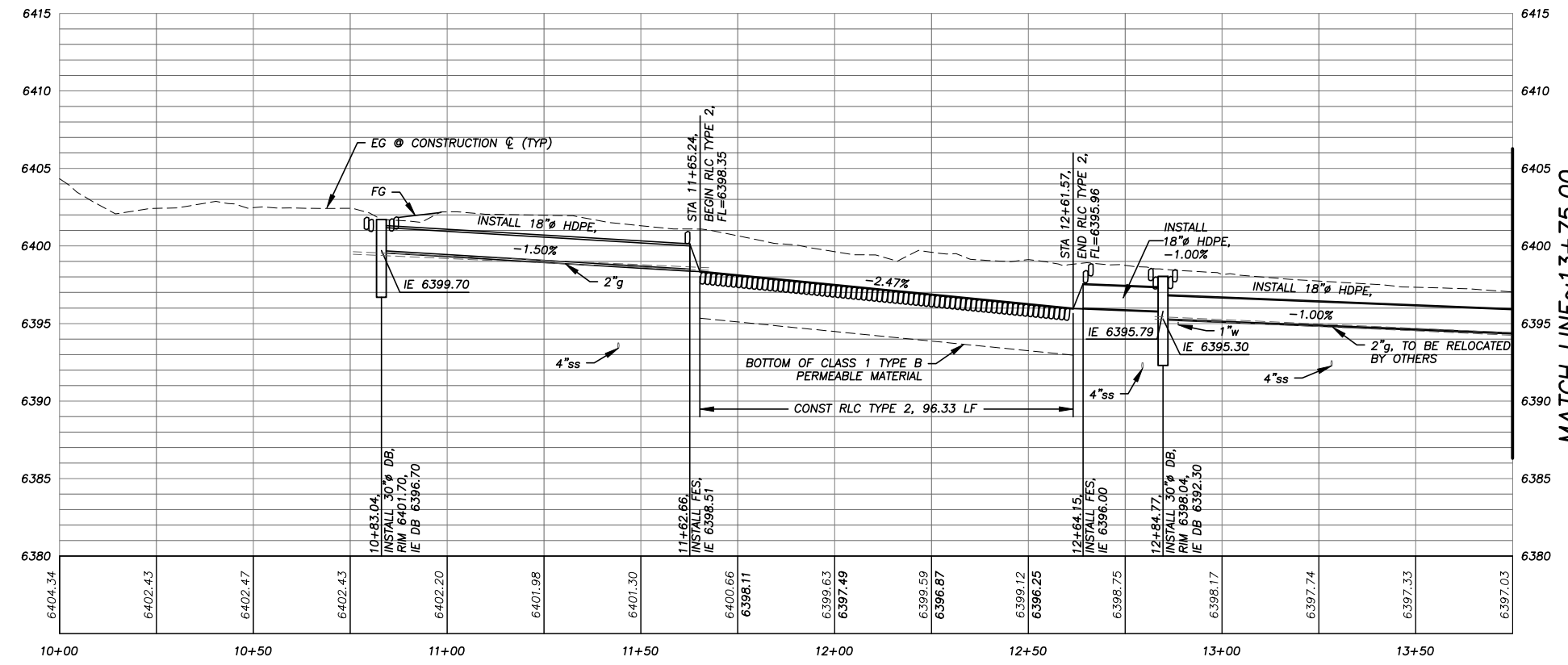
FOR REDUCED PLANS
REVISION
2 ORIGINAL SCALE IS IN INCHES
1
0



MATCH LINE ~13+75.00
SEE SHEET P-2

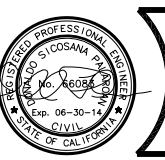
PLAN & PROFILE
SCALE: HORIZ 1"= 20'
VERT 1"= 10'

!! WARNING !!
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



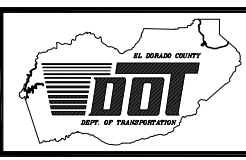
MATCH LINE ~13+75.00
SEE SHEET P-2

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: 2188



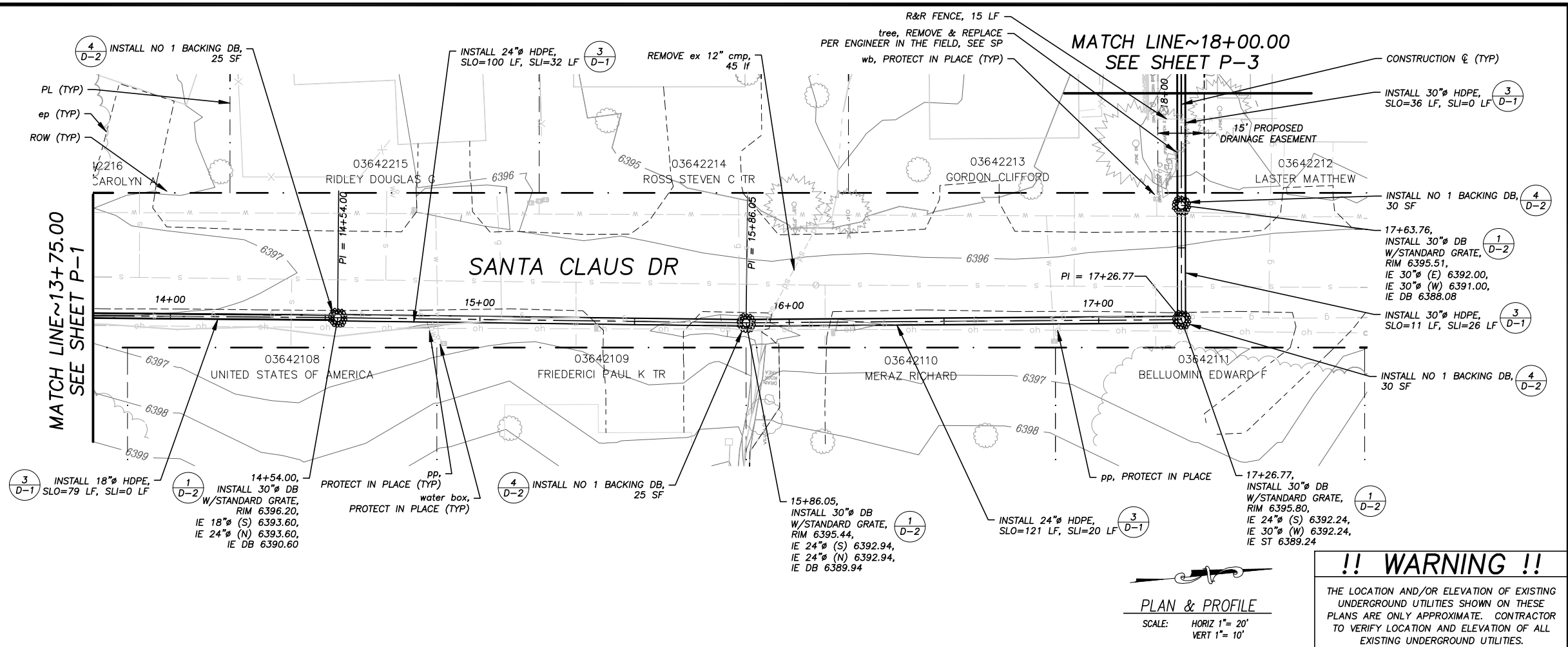
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
SANTA CLAUSE DR PLAN & PROFILE
STA 10+83.04 TO STA 13+75.00

SHEET
P-1
6 OF 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

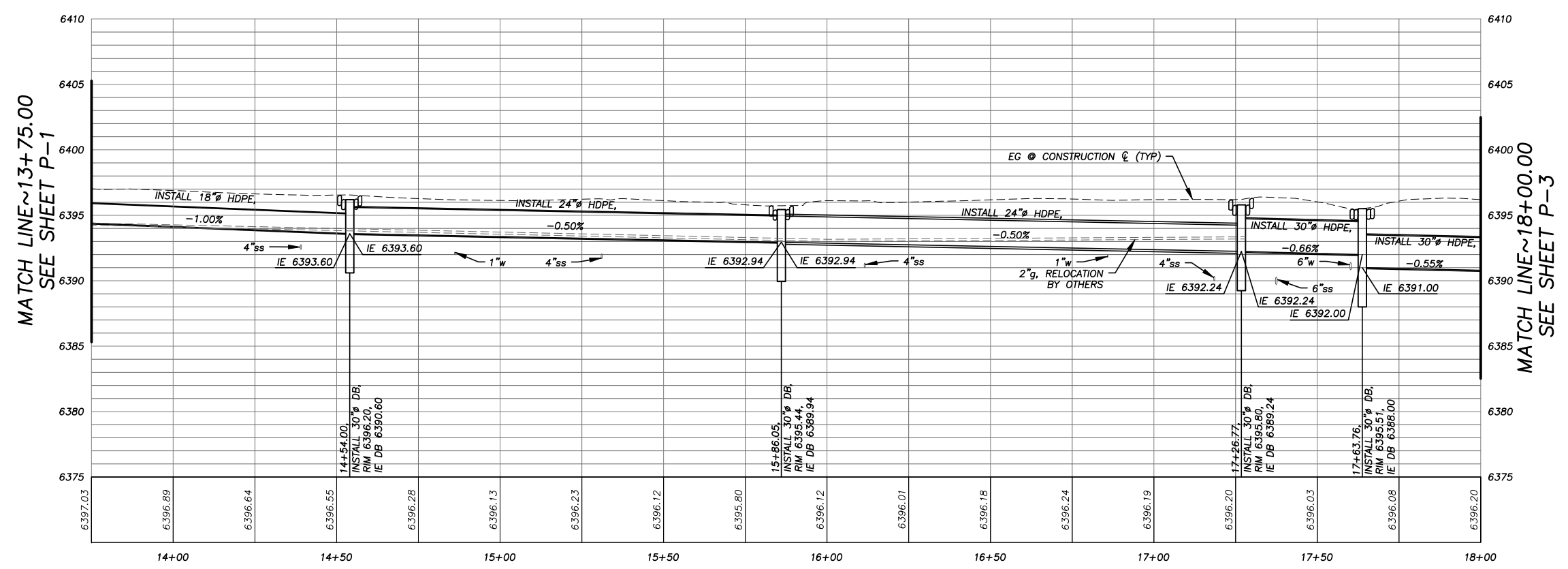
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FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

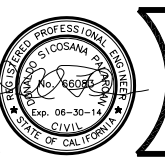


PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 10'

!! WARNING !!
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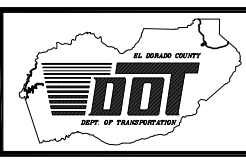


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: 2188

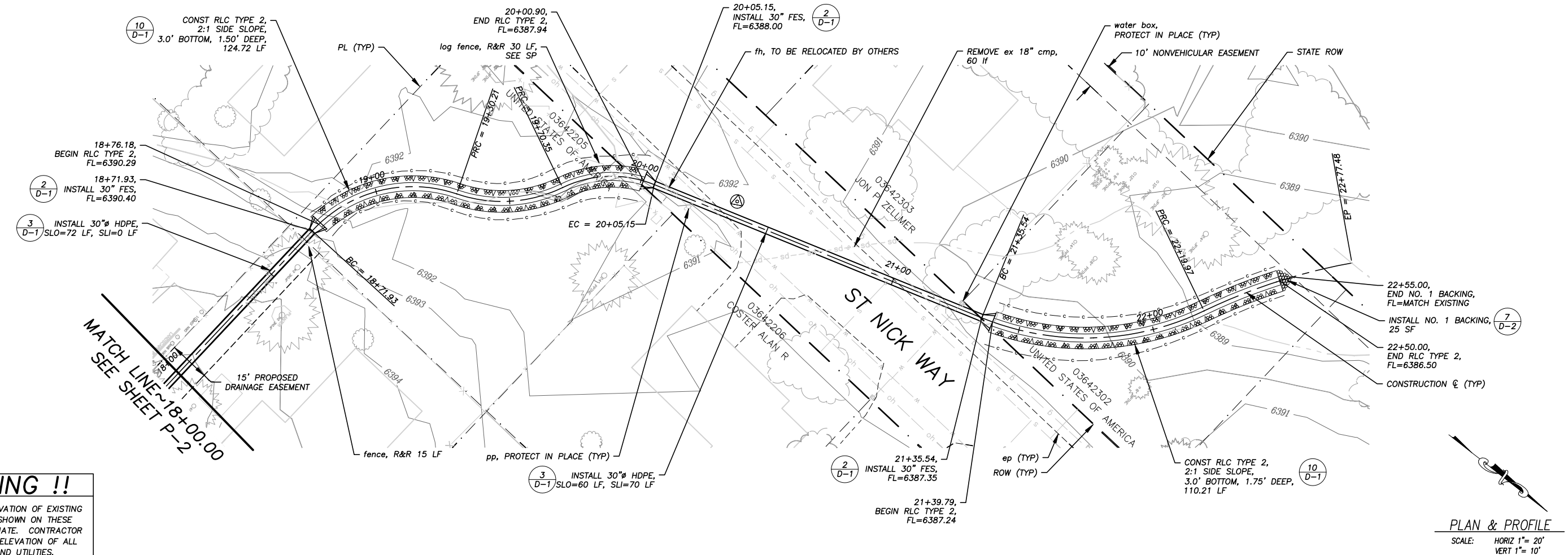


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
SANTA CLAUS DR PLAN & PROFILE
STA 13+75.00 TO STA 18+00.00

SHEET **P-2**
7 OF 23
CONTRACT NO. PW 10-30540
CIP No. 95190

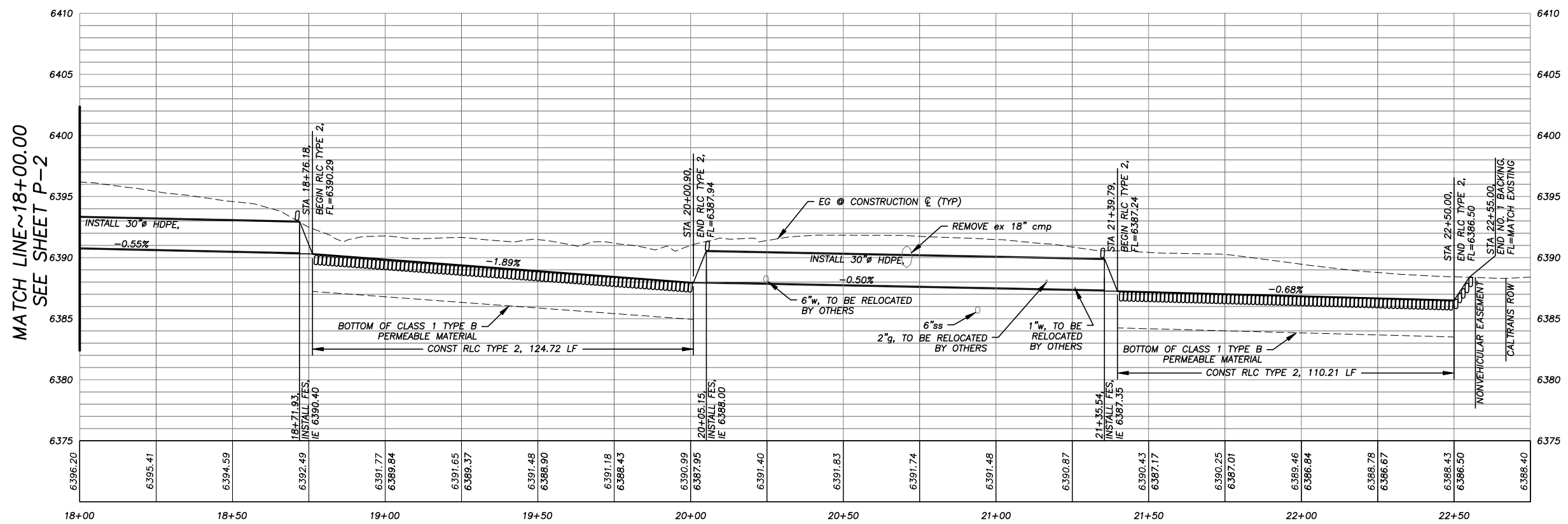
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 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION



!! WARNING !!

THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

PLAN & PROFILE
 SCALE: HORIZ 1"= 20'
 VERT 1"= 10'

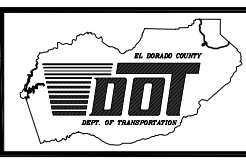


NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER: 2189



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

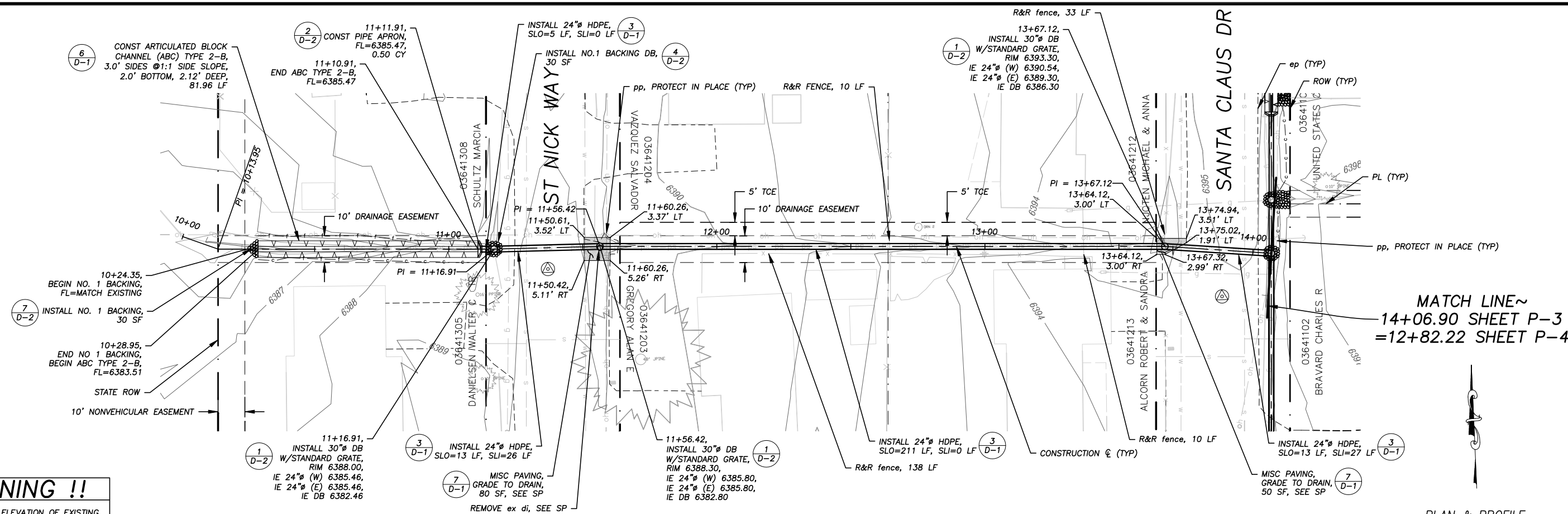
CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 ST NICK WAY TO SANTA CLAUS DR PLAN & PROFILE
 STA 18+00.00 TO STA 22+55.00

SHEET
P-3
 8 OF 23
 CONTRACT NO.
 PW 10-30540
 CIP No.
 95190

Drawing name: S:\DRI_3D_PROJECTS\98190\Engineering\MP\PLAN WITH HAN\CH20C SANTA P4-5.dwg

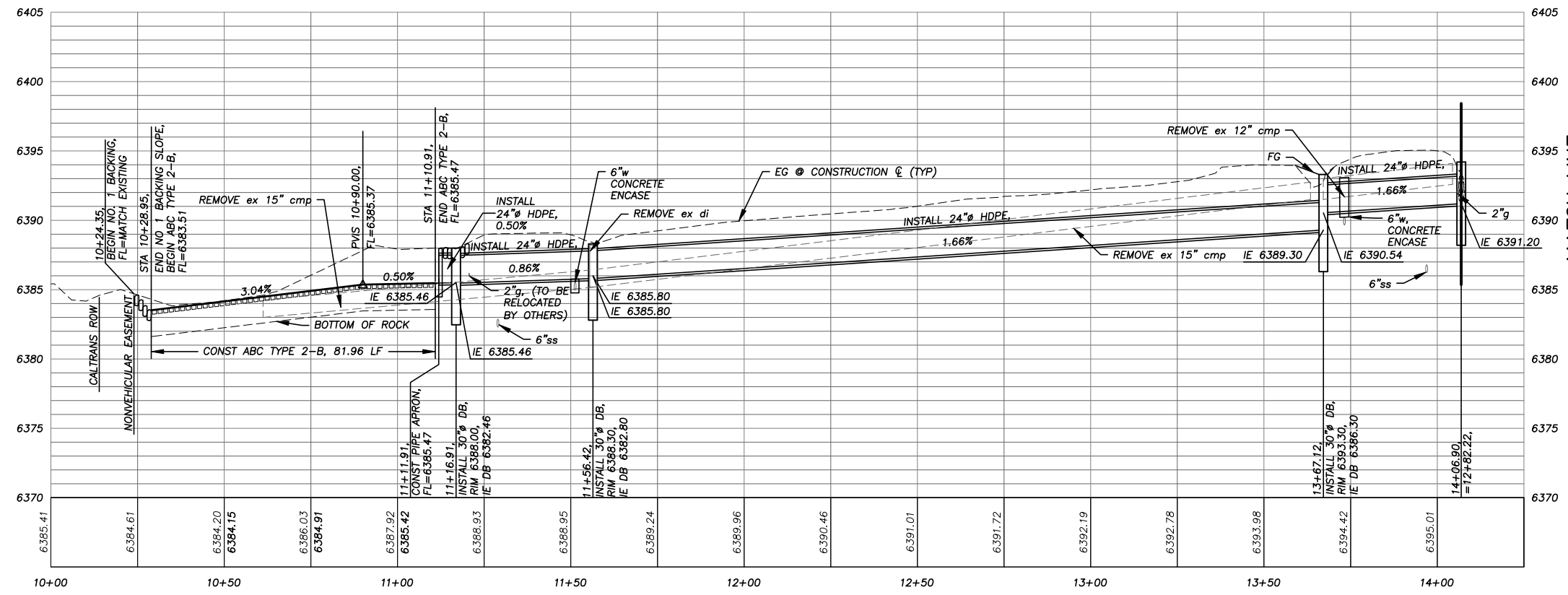
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

!! WARNING !!
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MATCH LINE ~
 14+06.90 SHEET P-3
 = 12+82.22 SHEET P-4

PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 10'



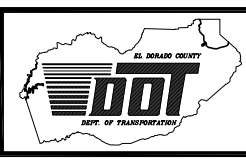
MATCH LINE ~
 14+06.90 SHEET P-3
 = 12+82.22 SHEET P-4

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER: 2189/2188



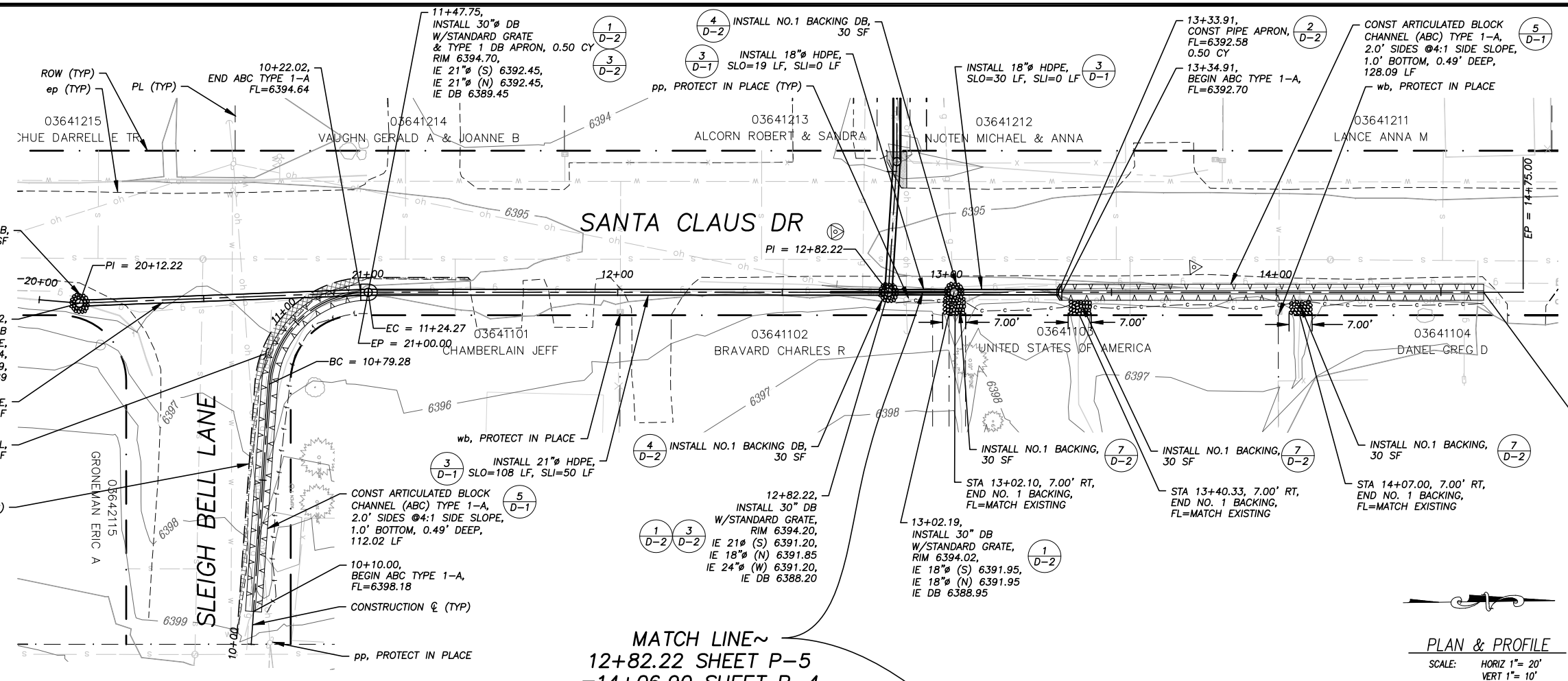
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 ST NICK WAY TO SANTA CLAUDS DR PLAN & PROFILE
 STA 10+24.35 TO STA 14+06.90

SHEET
P-4
 9 OF 23
 CONTRACT NO.
 PW 10-30540
 CIP No.
 95190

Drawing name: \\D:\130_PROD\CD\30_PROD\CD\30_PROD\Engineering\MP\CD\130_PROD\SANTA P4-5.dwg

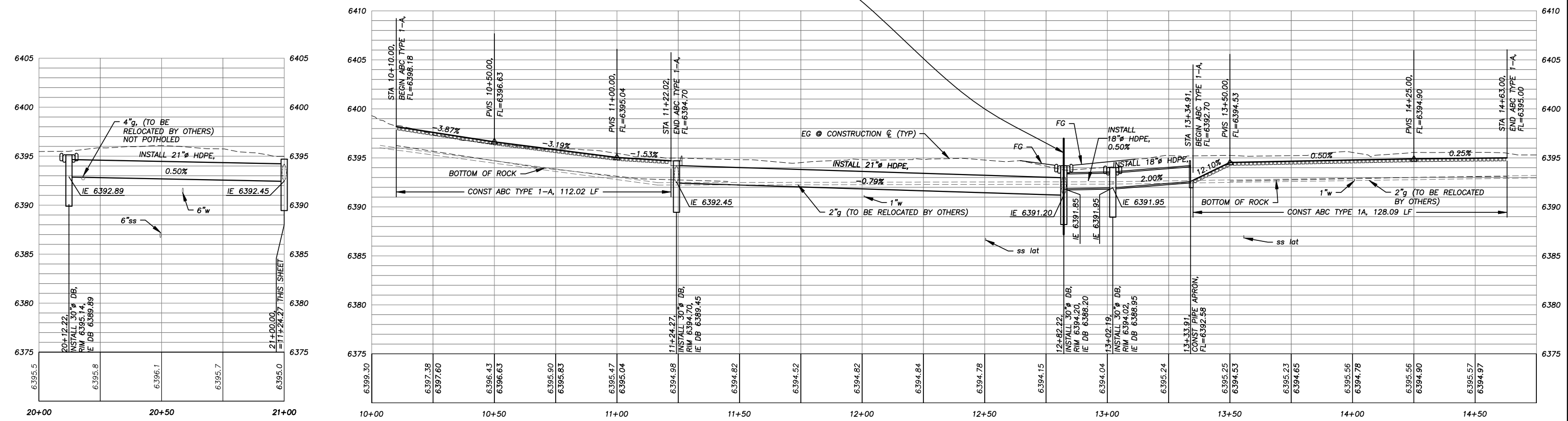
FOR REDUCED PLANS
REVISION
NUMBER DATE DESCRIPTION BY



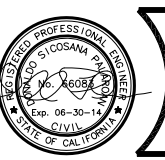
MATCH LINE ~
12+82.22 SHEET P-5
=14+06.90 SHEET P-4

PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 10'

!! WARNING !!
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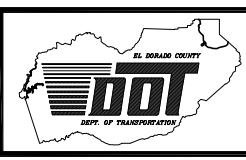


NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: 2190/2188



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

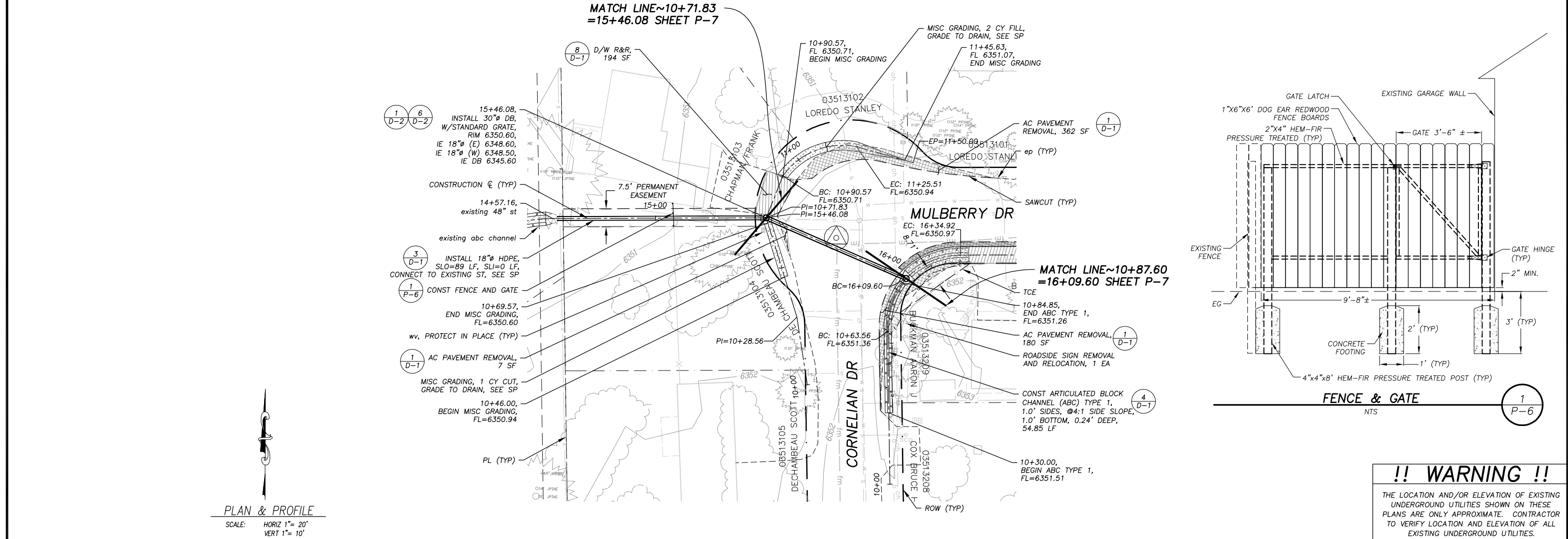
CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
PLAN & PROFILE
SLEIGH BELL LANE & SANTA CLAUS DR
STA 10+10.00 TO STA 14+63.00
SANTA CLAUS DR STA 10+12.22 TO STA 11+00.00

SHEET
P-5
10 OF 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

Drawing name: \\C:\P\30_PROJECTS\051901\Engineering\MP\AN WITH HAN\CHRIC MULBERRY P6-P6.dwg

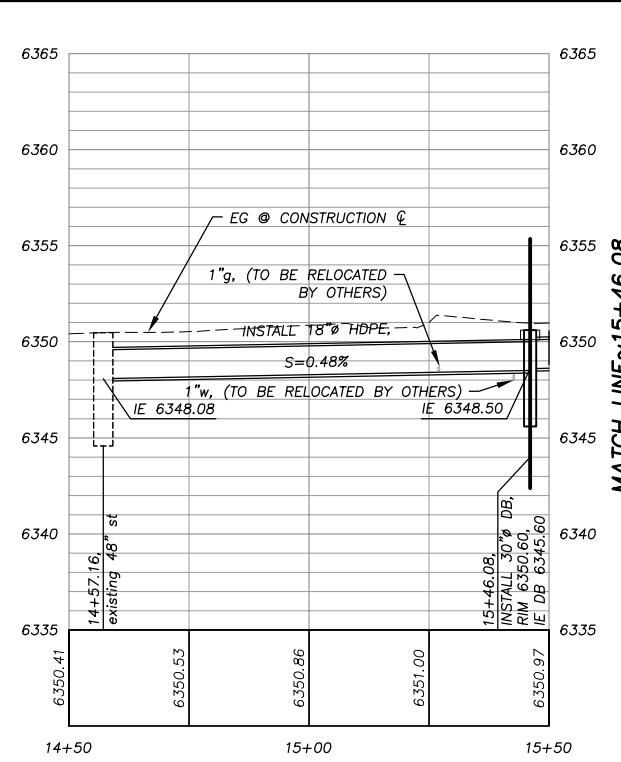
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

2
1
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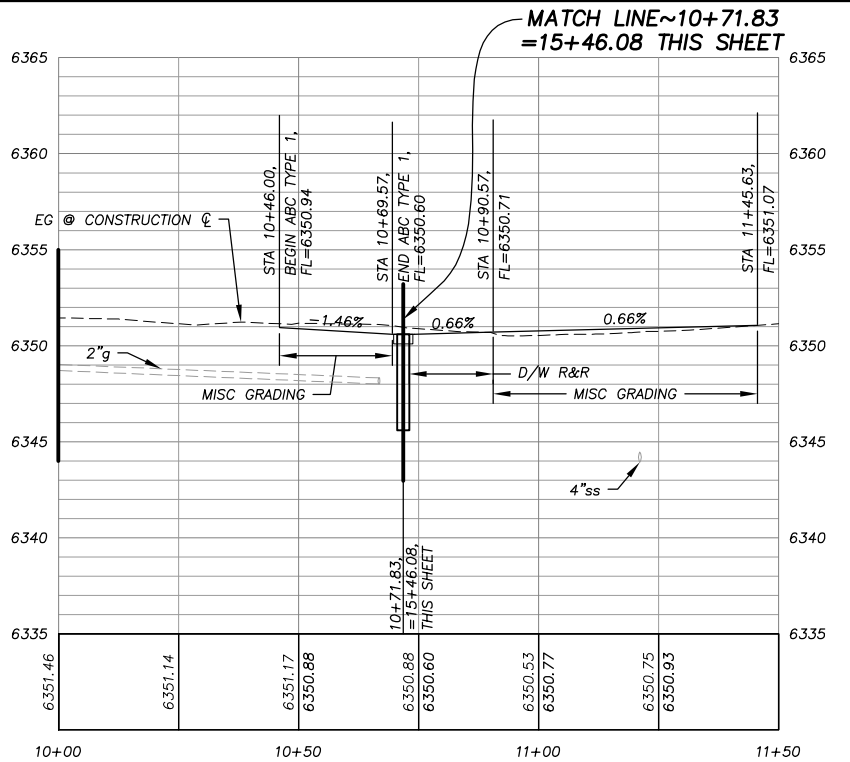


PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 10'

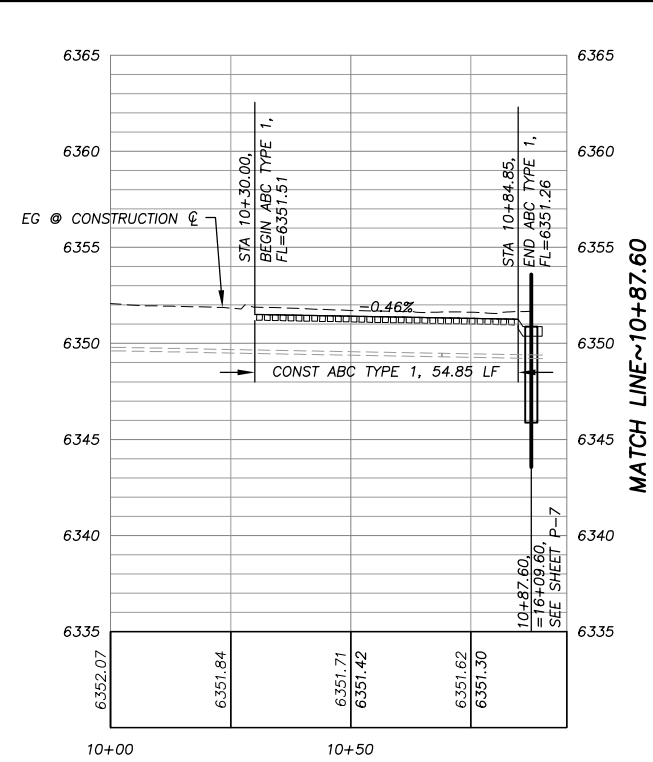
!! WARNING !!
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**MATCH LINE~15+46.08
=10+71.83 THIS SHEET
=15+46.08 SHEET P-7**



**MATCH LINE~10+71.83
=15+46.08 THIS SHEET**



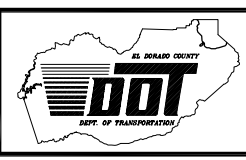
**MATCH LINE~10+71.83
=16+09.60 SHEET P-7**

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: 2121/2120

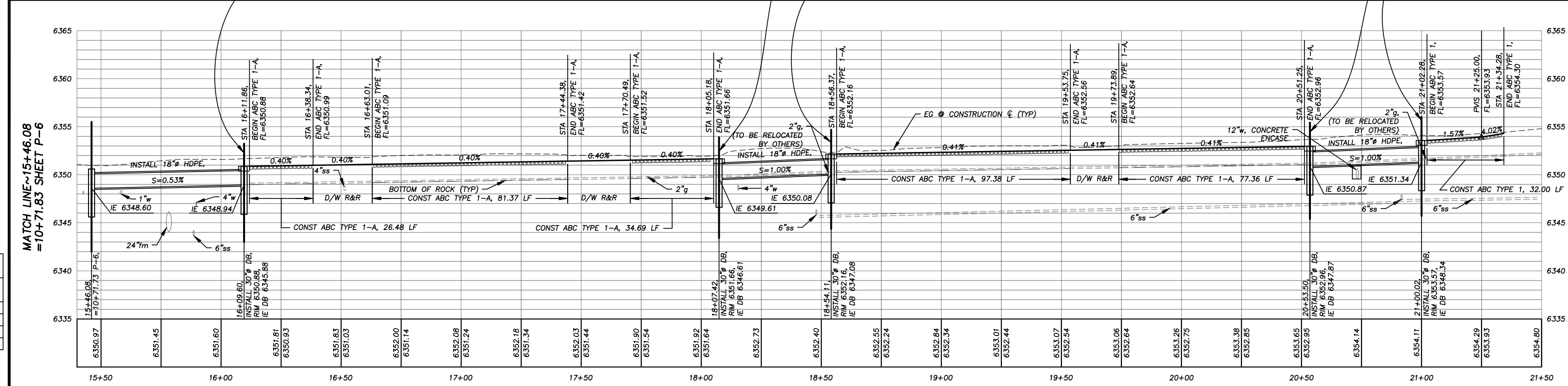
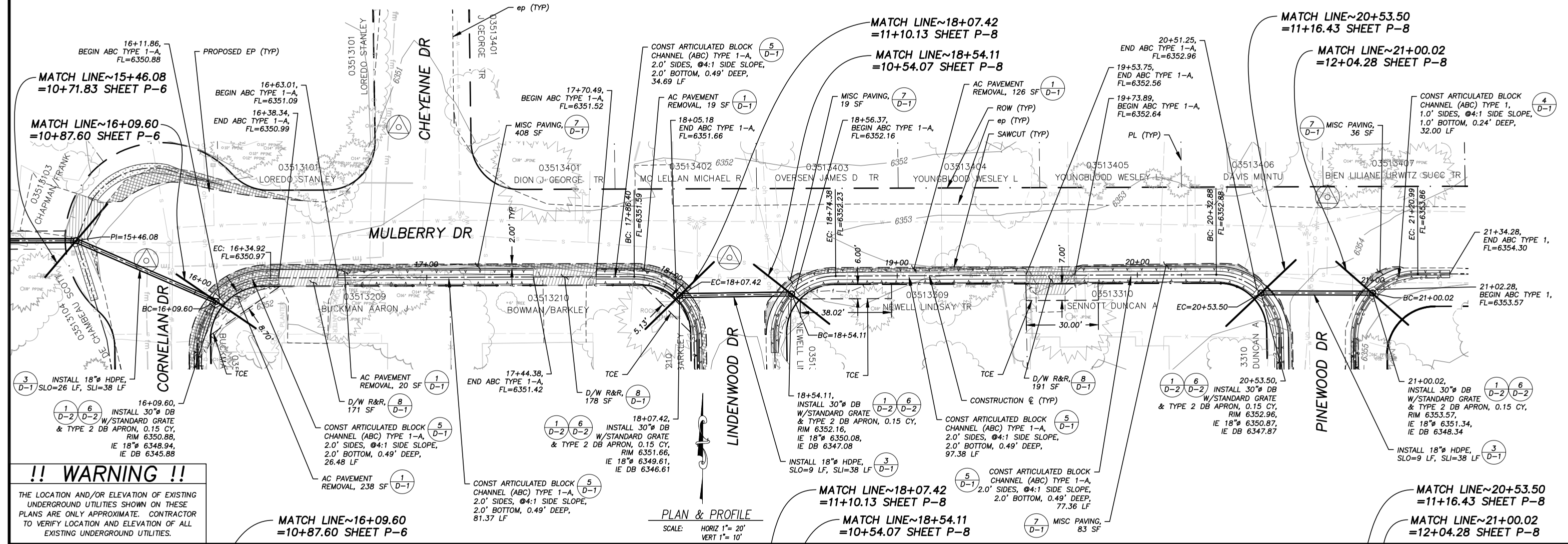


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
PLAN & PROFILE
MULBERRY DR STA 14+57.16 TO STA 15+46.08
CORNELIAN DR STA 10+46.00 TO STA 11+45.63
CORNELIAN DR STA 10+30.00 TO STA 10+84.85

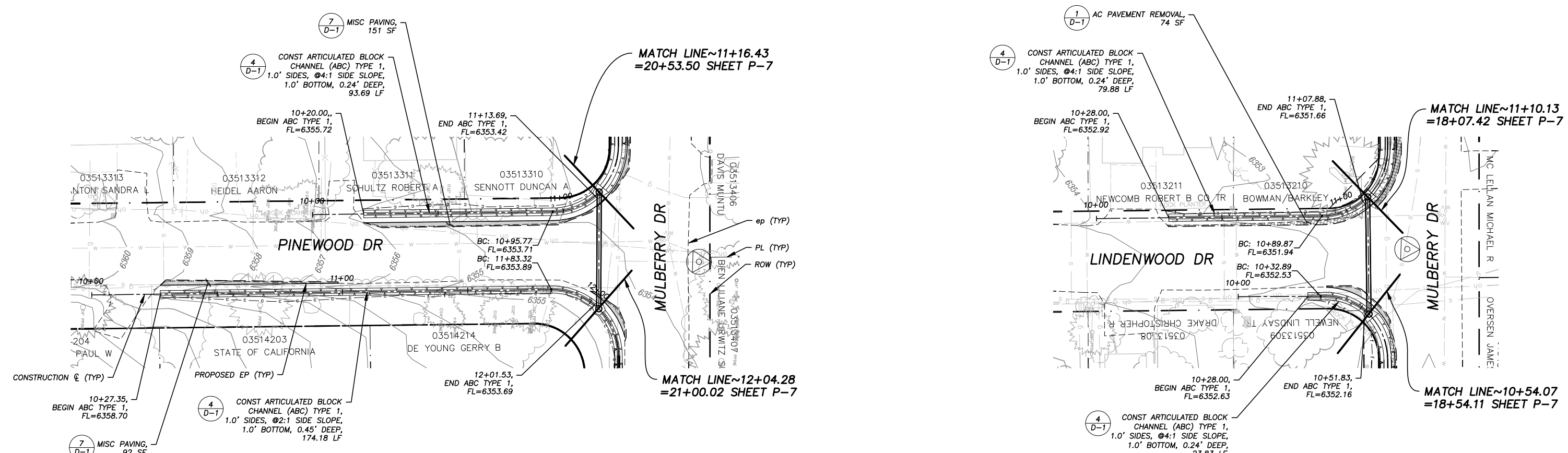
SHEET **P-6**
11 OF 23
CONTRACT NO. PW 10-30540
CIP No. 95190

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



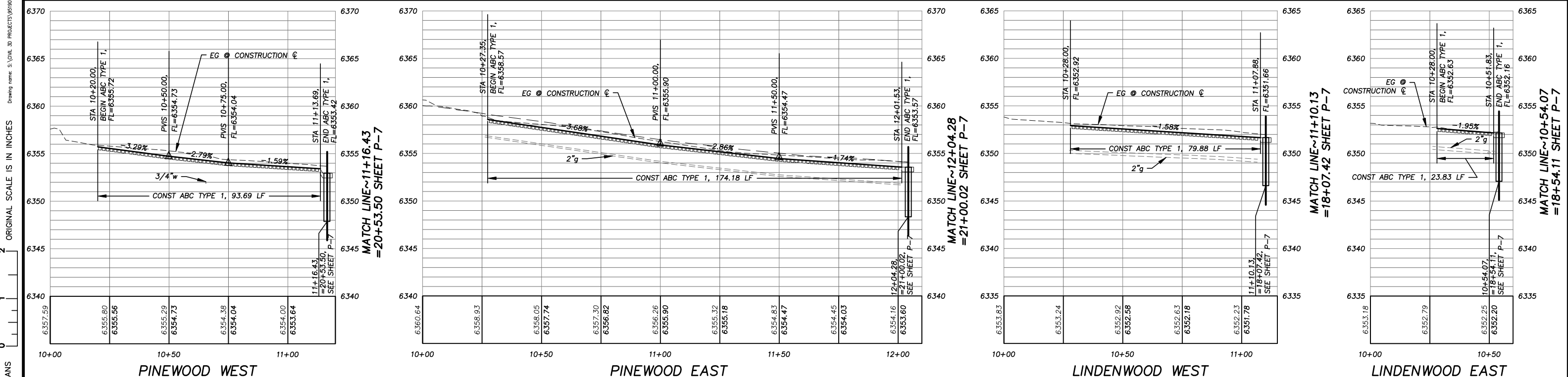
<p>REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NUMBER</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NUMBER	DATE	DESCRIPTION	BY						<p>PREPARED UNDER THE SUPERVISION OF:</p> <p>REGISTERED CIVIL ENGINEER</p> <p>DATE: _____</p>	<p>DESIGNED: TA</p> <p>CHECKED: DSP</p> <p>ROAD NUMBER: 2120</p>	<p>DRAWN: TA</p> <p>DATE: 05/12</p>	<p>EL DORADO COUNTY</p> <p>DEPARTMENT OF TRANSPORTATION</p>	<p>CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT</p> <p>PLAN & PROFILE</p> <p>MULBERRY DR STA 15+46.08 TO STA 21+34.28</p>	<p>SHEET</p> <p>P-7</p> <p>12 OF 23</p> <p>CONTRACT NO.</p> <p>PW 10-30540</p> <p>CIP No.</p> <p>95190</p>
NUMBER	DATE	DESCRIPTION	BY												

Drawing Name: \\D:\130_PROJECTS\20190501\Engineering\MP\PLAN WITH HAW\CHC\CD MULBERRY P-8.dwg

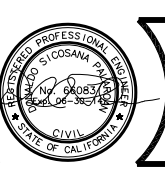


PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 10'

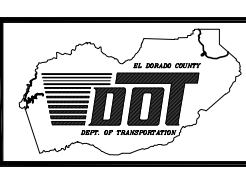
!! WARNING !!
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____



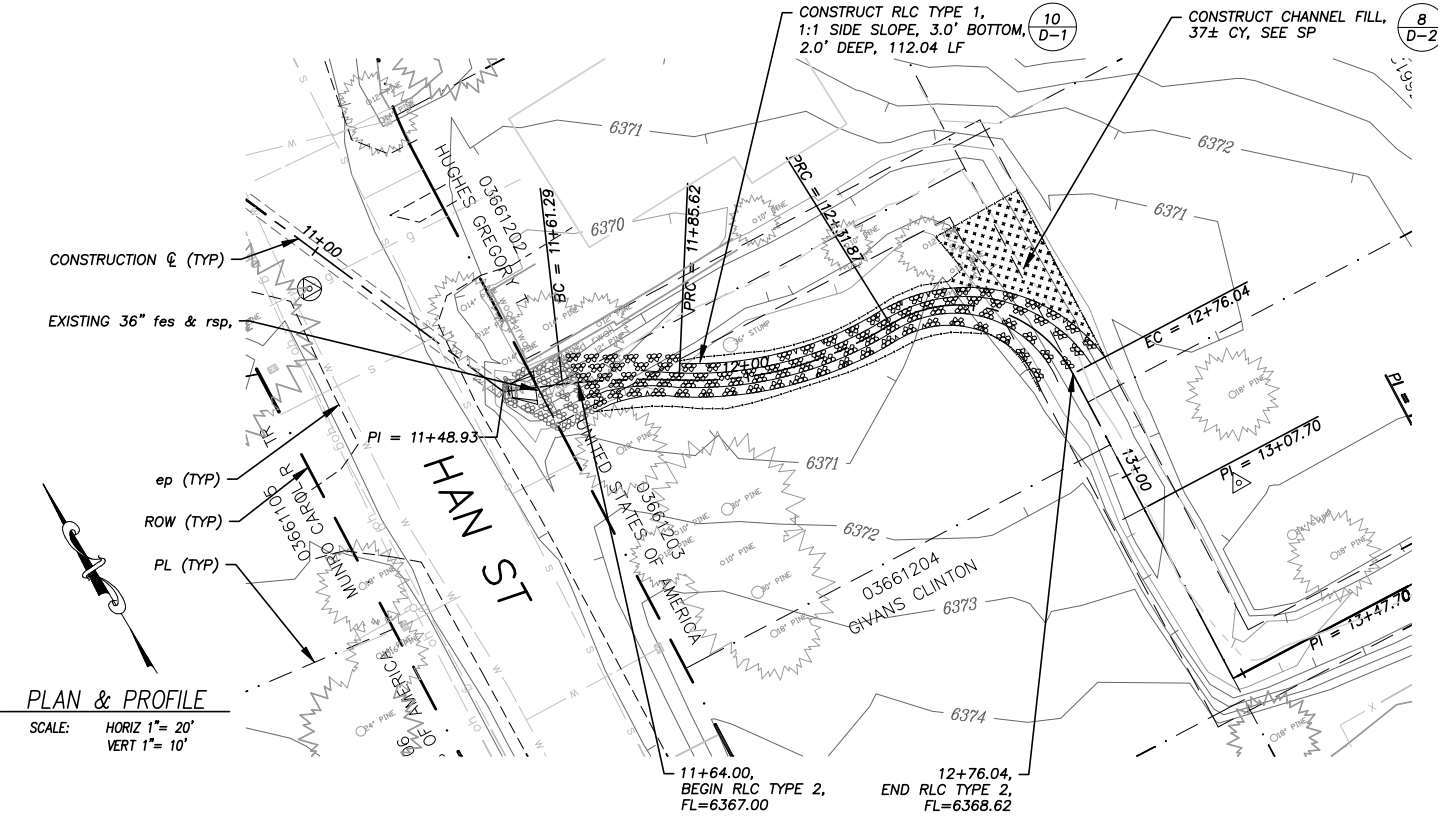
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
PLAN & PROFILE
LINDENWOOD DR STA 10+28.00 TO STA 11+07.39
PINEWOOD DR STA 10+27.35 TO STA 12+01.53

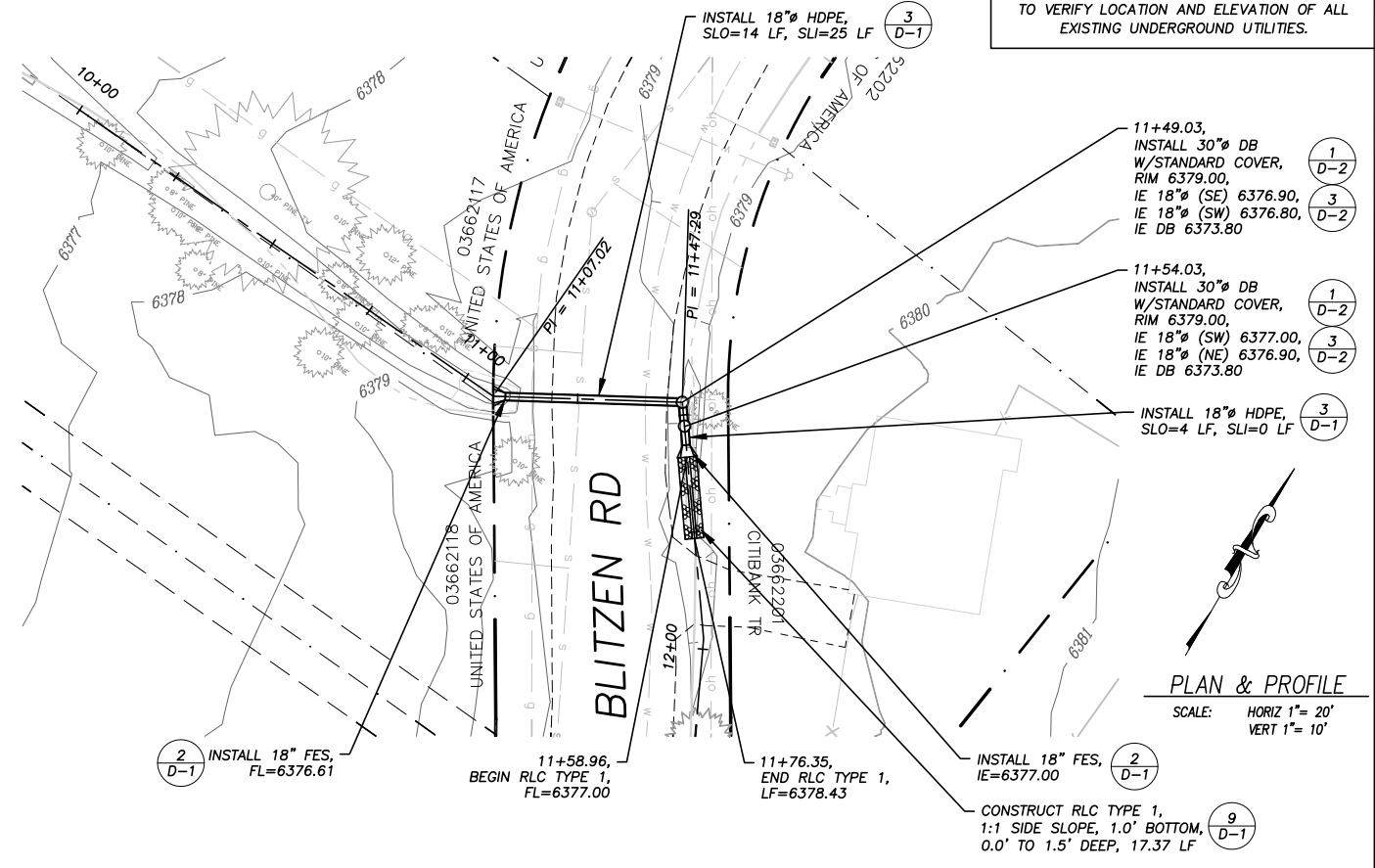
SHEET **P-8**
13 OF 23
CONTRACT NO. PW 10-30540
CIP No. 95190

!! WARNING !!

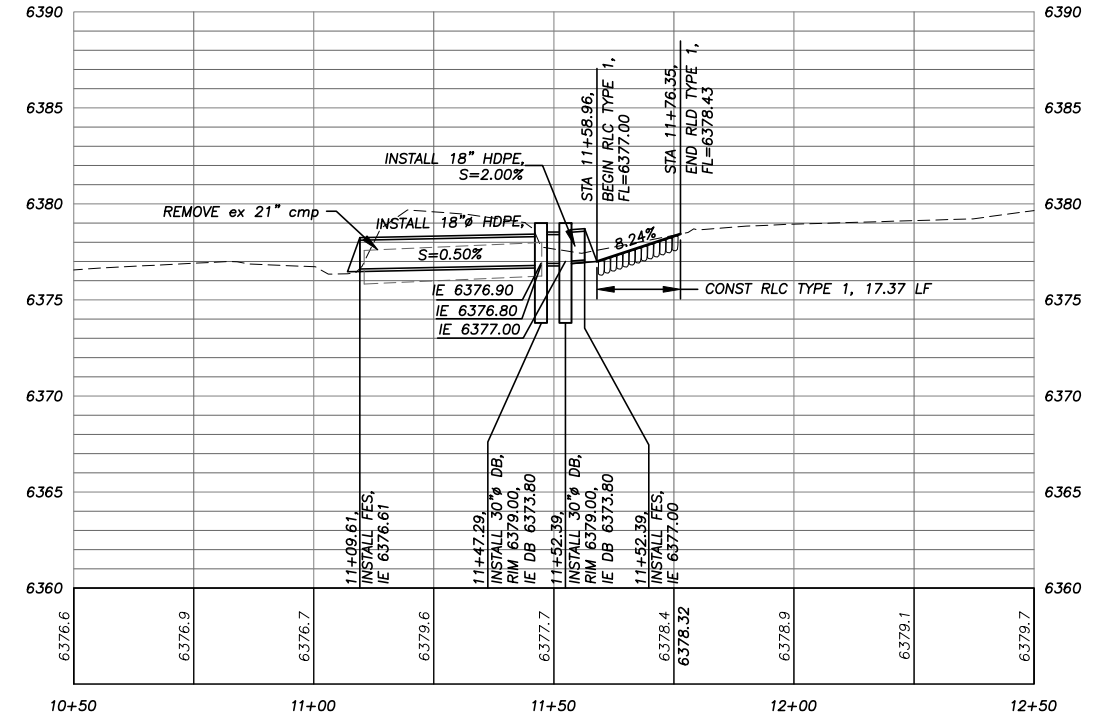
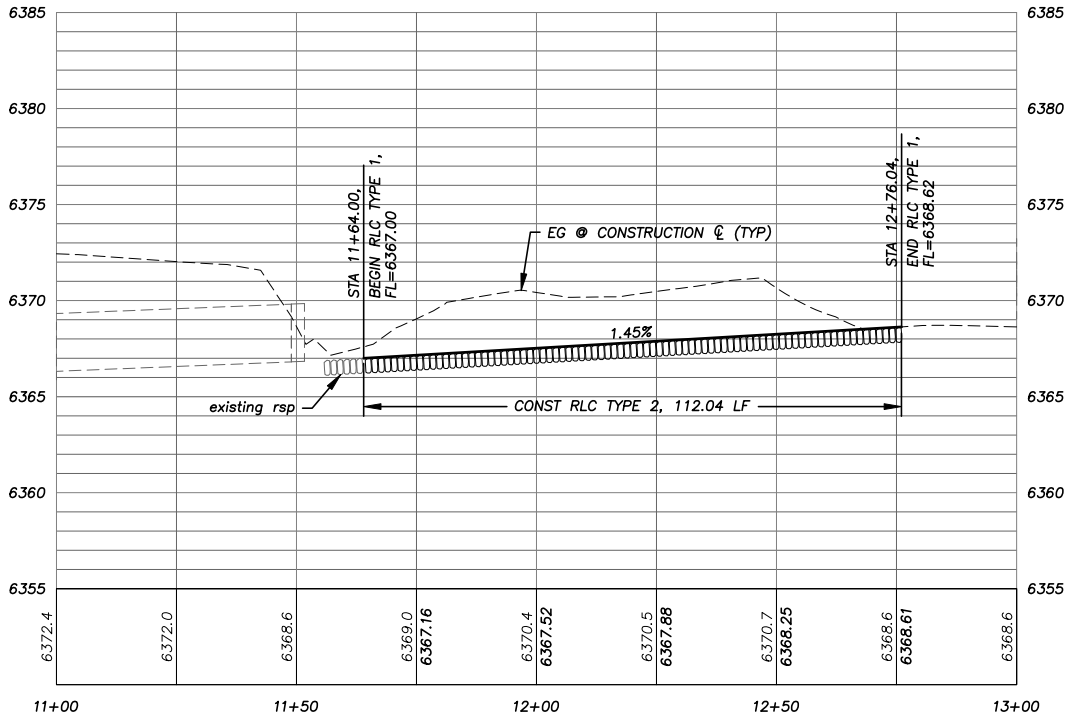
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



PLAN & PROFILE
SCALE: HORIZ 1"= 20'
VERT 1"= 10'

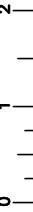


PLAN & PROFILE
SCALE: HORIZ 1"= 20'
VERT 1"= 10'



Drawing name: S:\CIVIL_3D_PROJECTS\09100\Engineering\MP\041 WITH: HAN\CHERC HAN.P01.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

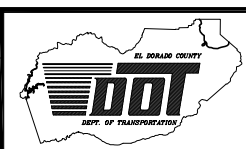


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: 2461

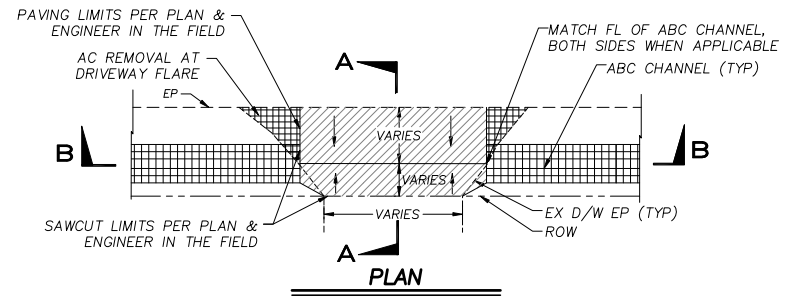
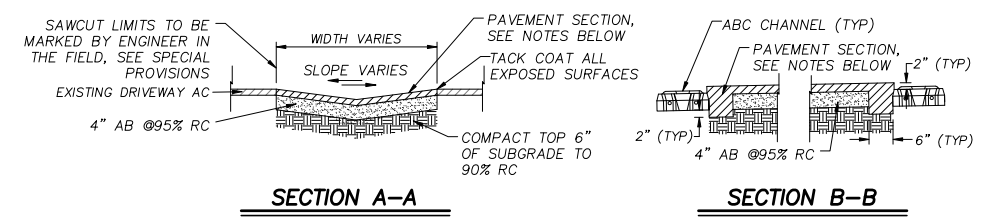
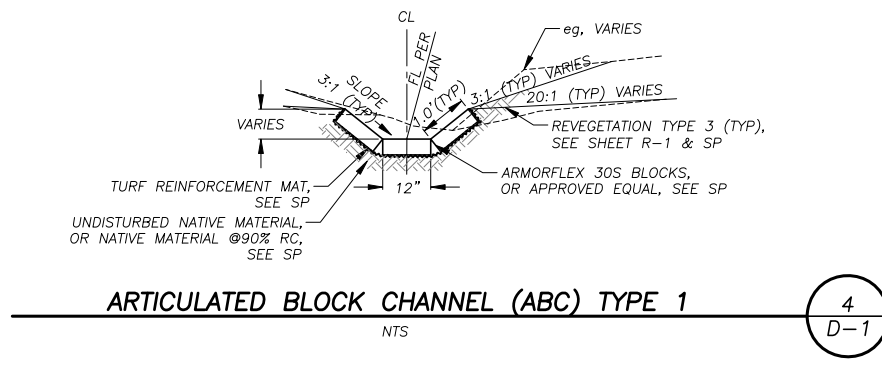
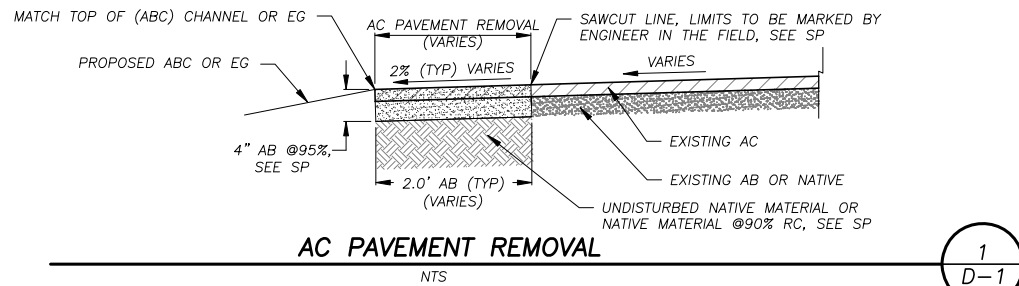


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

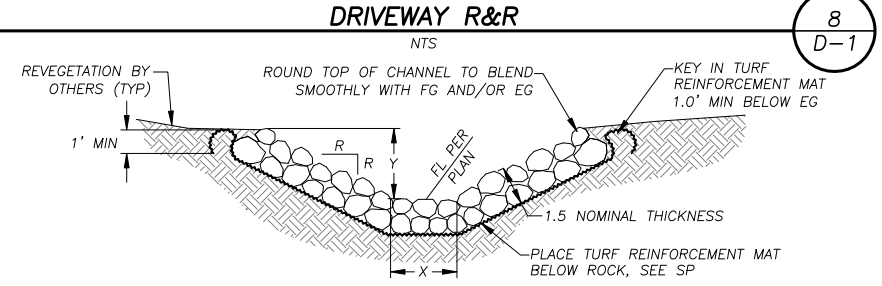
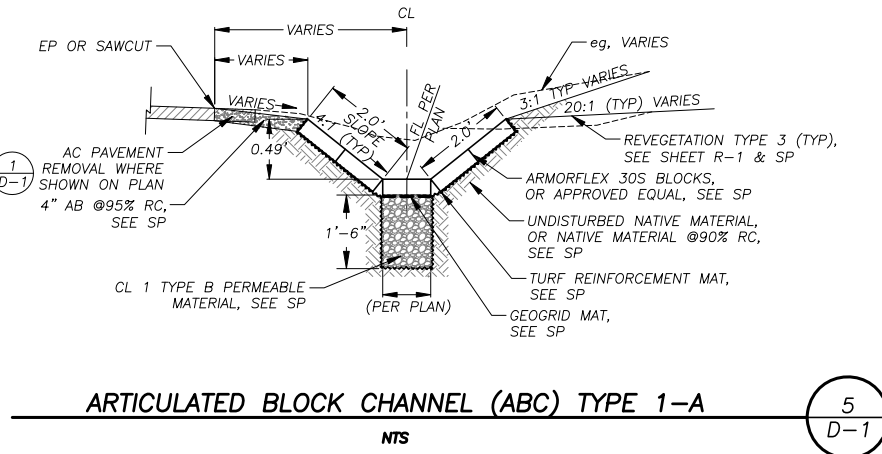
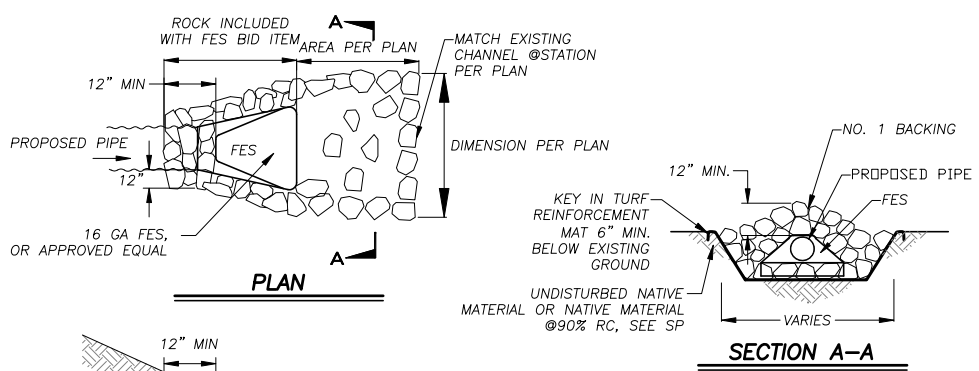
CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
PLAN & PROFILE
HAN ST STA 11+64.00 TO STA 11+76.35
BLITZEN RD STA 11+09.61 TO STA 11+78.24

SHEET **P-9**
14 OF 23
CONTRACT NO. PW 10-30540
CIP No. 95190

Drawing name: S:\CIVIL 3D PROJECTS\95190\Engineering\PLAN WITH HANDED\DETAILS.DWG
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

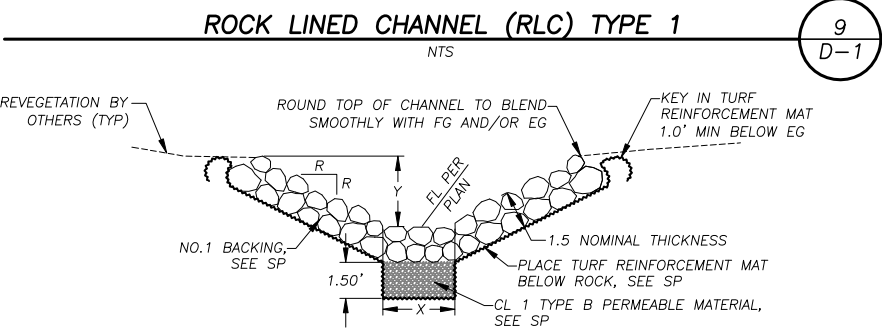
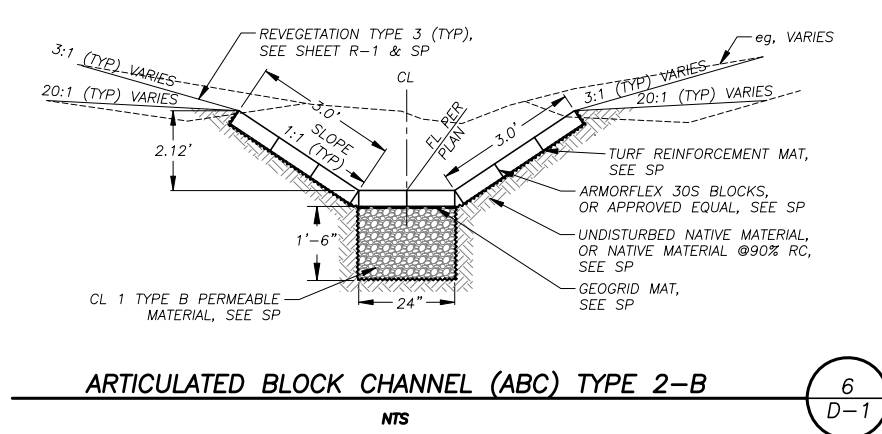
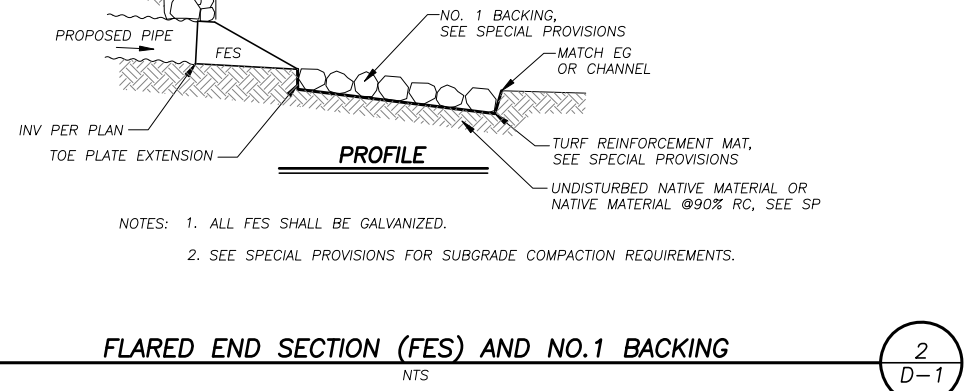


- NOTES:
1. DRIVEWAY PAVEMENT REPLACEMENT TO BE 2 1/2" AC OVER 4" AB @ 95% RC.
 2. MATCH WIDTH OF EXISTING DRIVEWAY UNLESS NOTED OTHERWISE ON PLANS.
 3. THE ENGINEER SHALL MARK THE SAWCUT LIMITS AT EACH DRIVEWAY.
 4. DRIVEWAY PAVING SHALL BE WARPED TO MAINTAIN A SMOOTH TRANSITION AND PREVENT PONDING OR TRAPPING WATER.
 5. AC REMOVAL AT DRIVEWAY FLARES INCLUDED IN BID ITEM.



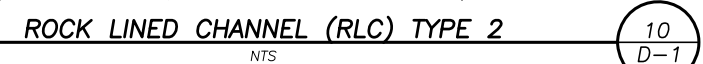
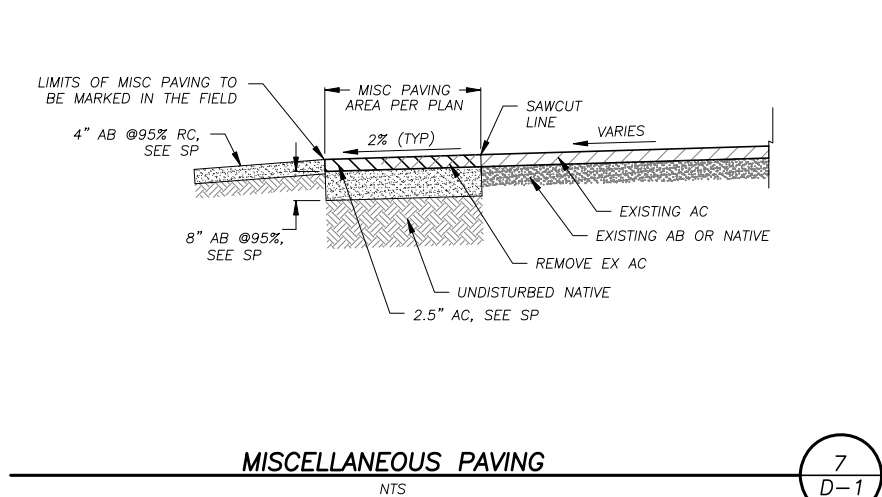
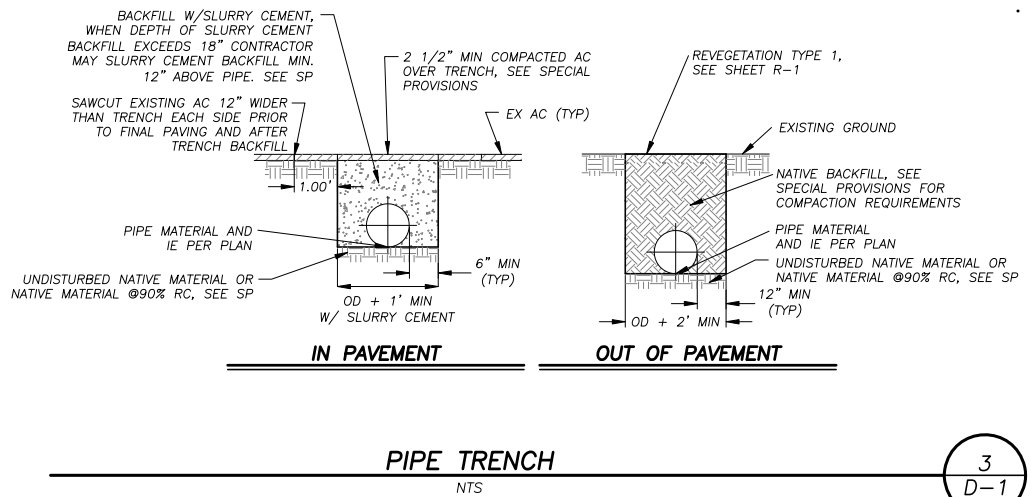
PLAN SHEET	STREET AND STATION	LF	WIDTH, X	DEPTH, Y	SLOPE RATIO, R
P-9	HAN ST 11+64.00 TO 12+76.04	112.04	3.0'	2.0'	1:1
P-9	BLITZEN RD 11+58.96 TO 11+76.35	17.37	1.0'	0.0' TO 1.5'	1:1

- NOTES:
1. "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL.
 2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.



PLAN SHEET	STREET AND STATION	LF	WIDTH, X	DEPTH, Y	SLOPE RATIO, R
P-1	SANTA CLAUS DR 11+65.24 TO 12+61.57	96.33	3.0'	1.0'	2:1
P-3	ST NICK WAY 18+76.18 TO 20+000.90	124.72	3.0'	1.5'	2:1
P-3	ST NICK WAY 21+39.79 TO 22+50.00	110.21	3.0'	1.75'	2:1

- NOTES:
1. "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL.
 2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

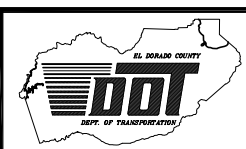


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE:

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER:

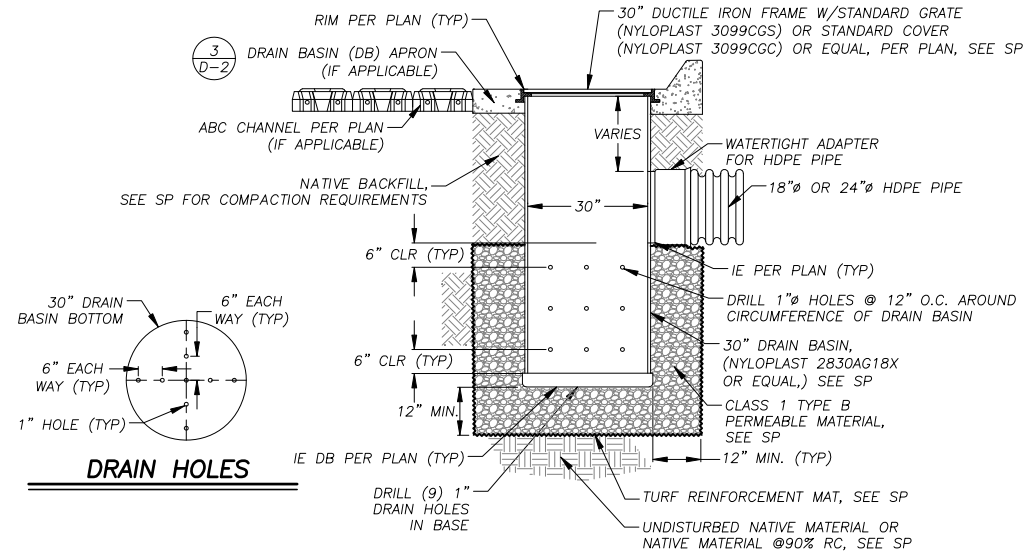


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
DETAILS

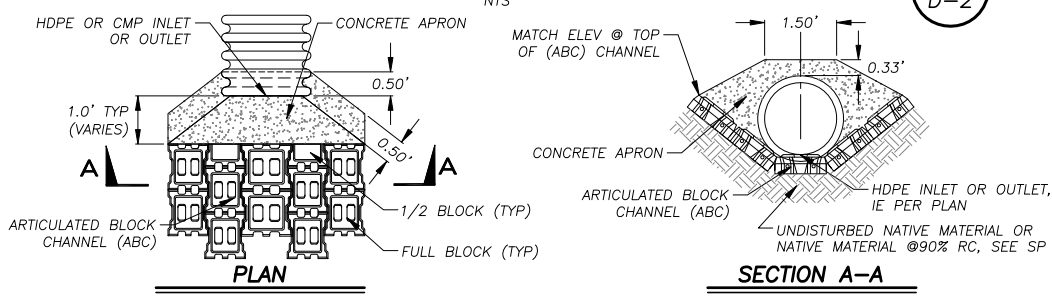
SHEET
D-1
15 OF 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

Drawing name: S:\CIVIL 3D PROJECTS\95190\Engineering\PLAN WITH HANDBOOK DETAILS.DWG
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS



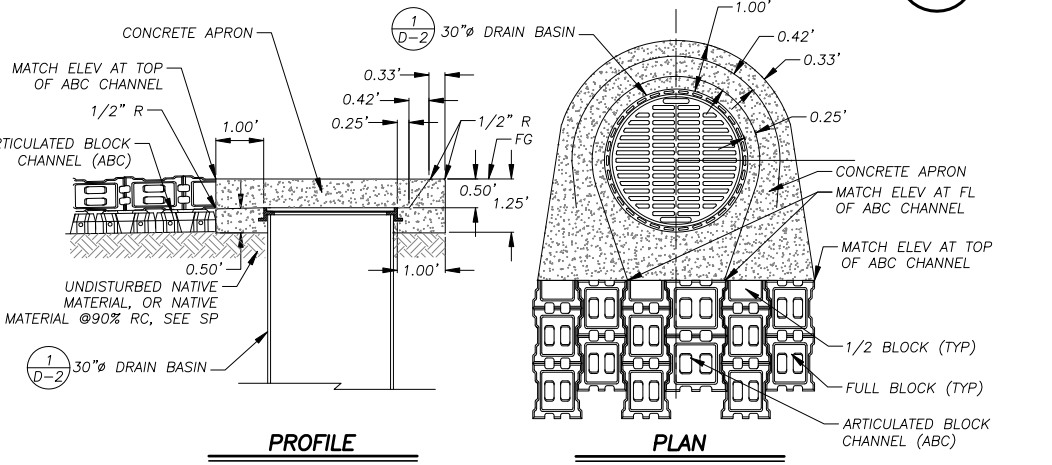
30" DRAIN BASIN (DB)

1
D-2



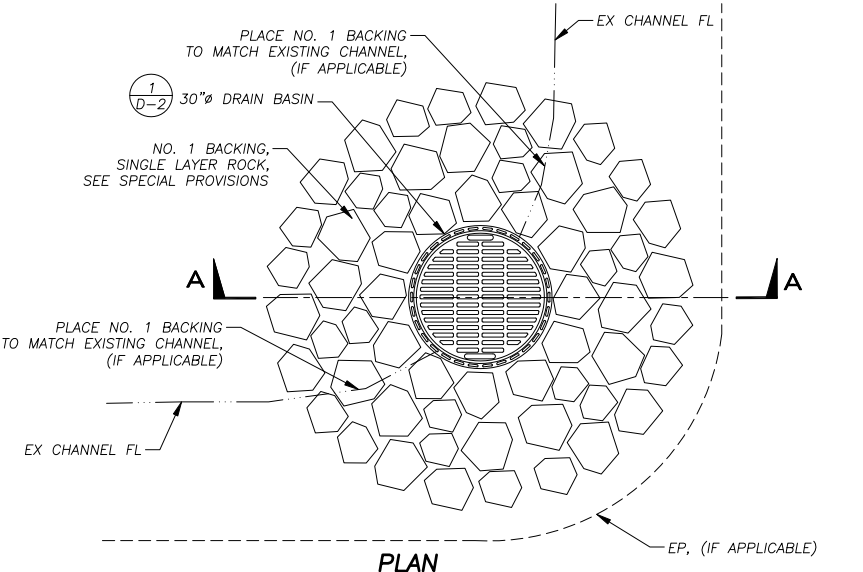
PIPE APRON

2
D-2



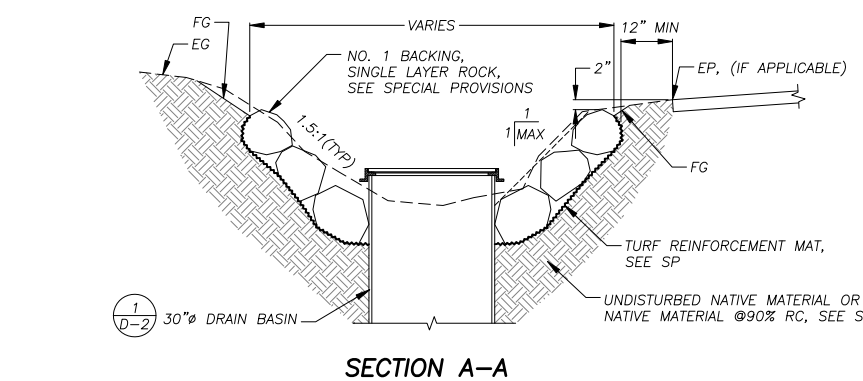
TYPE 1 DRAIN BASIN (DB) APRON

3
D-2

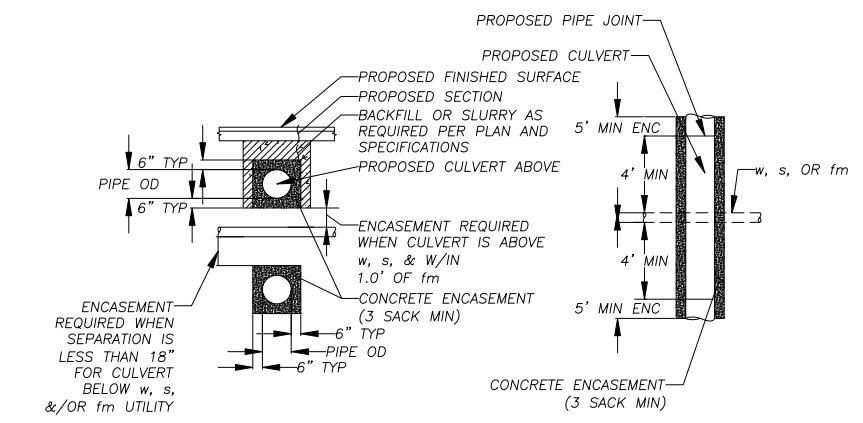


NO. 1 BACKING DRAIN BASIN (DB)

4
D-2

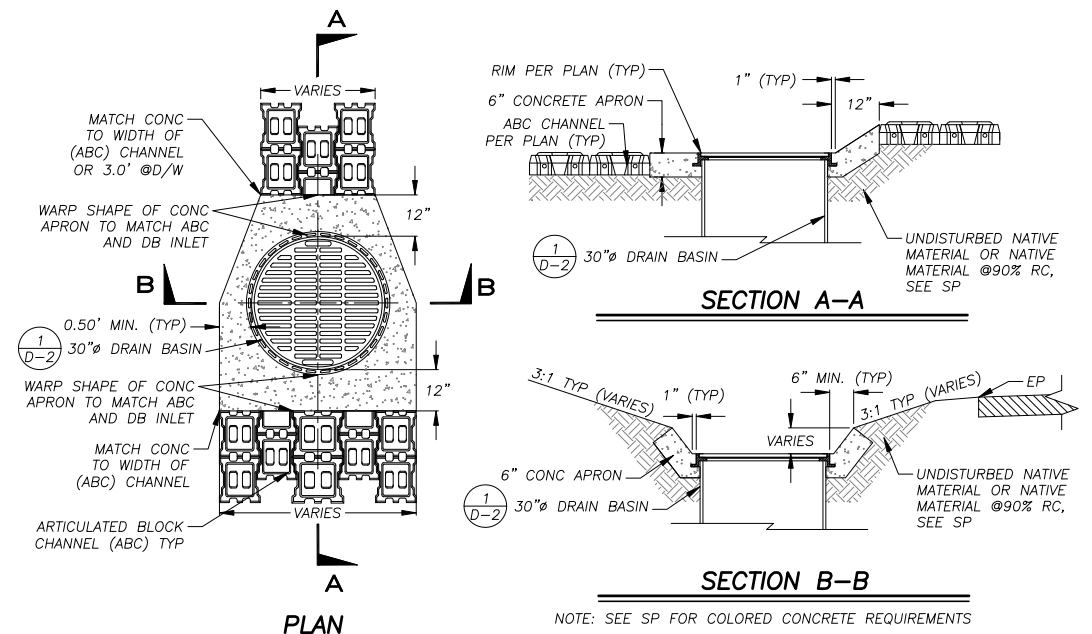


SECTION A-A



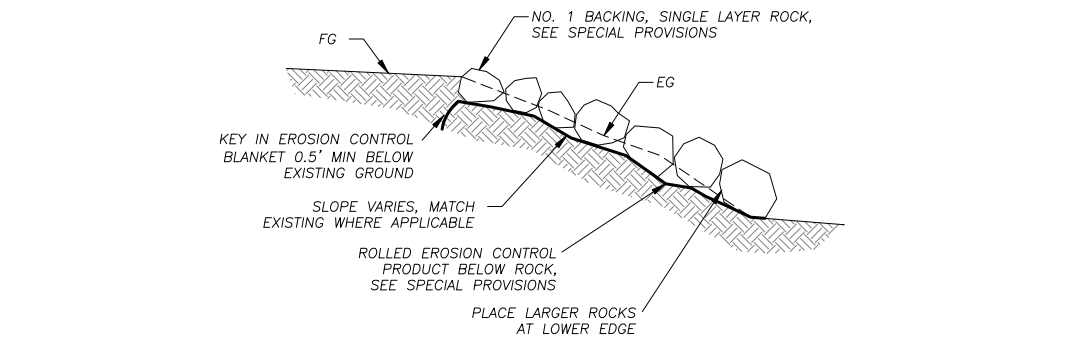
CONCRETE ENCASEMENT

5
D-2



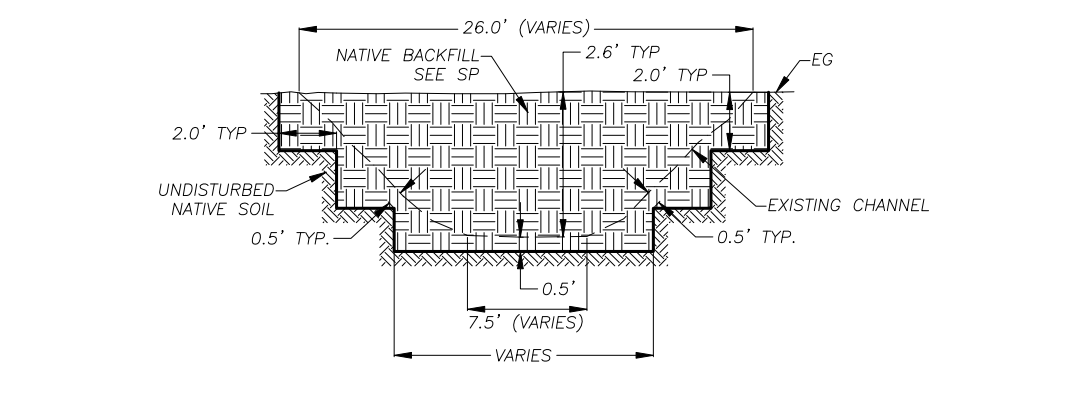
TYPE 2 DRAIN BASIN (DB) APRON

6
D-2



NO. 1 BACKING

7
D-2



CHANNEL FILL

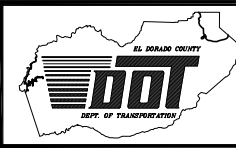
8
D-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER:

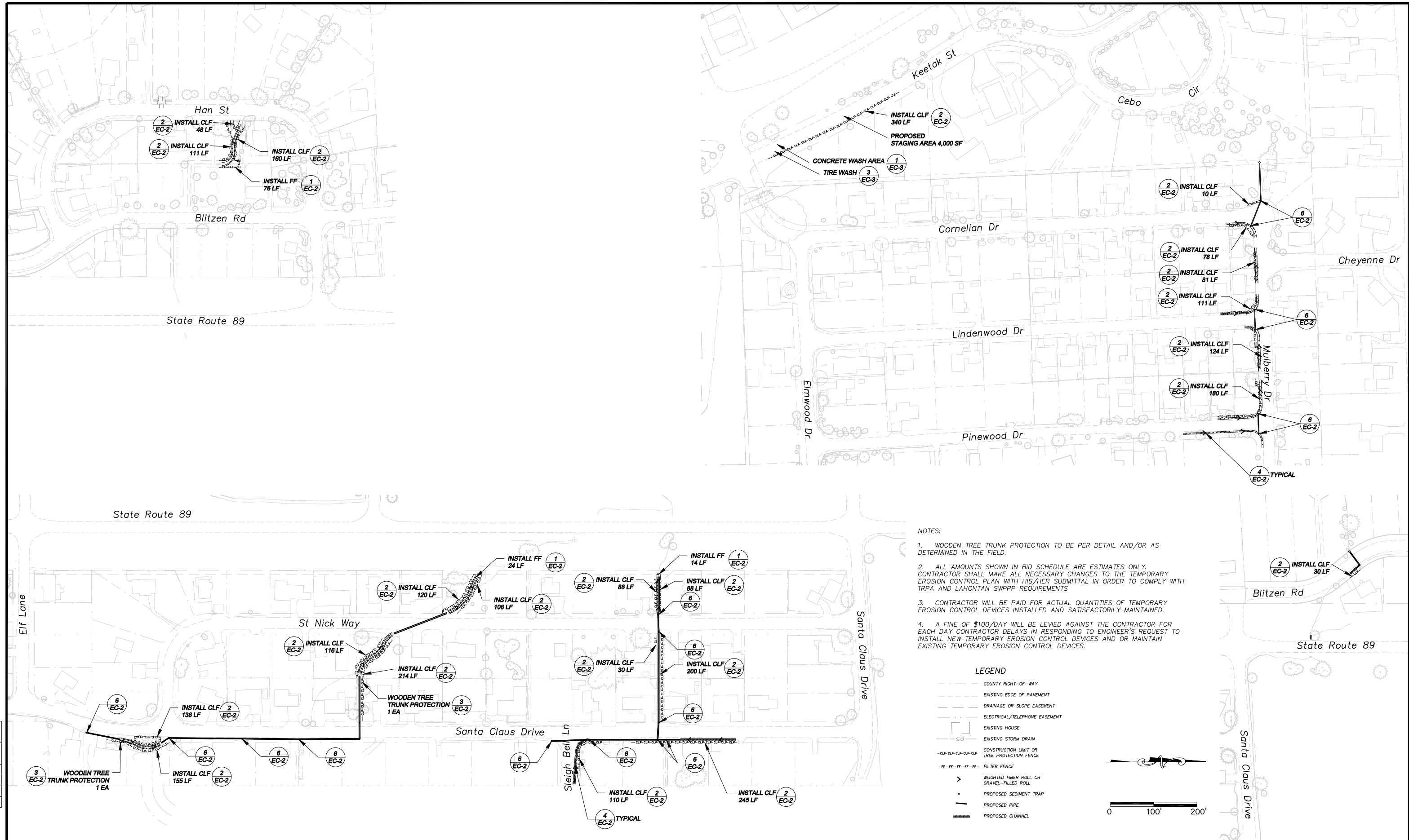


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 DETAILS

SHEET
D-2
 16 OF 23
 CONTRACT NO.
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 95190

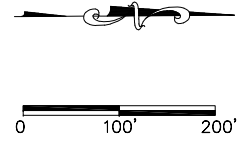
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



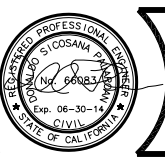
- NOTES:
- WOODEN TREE TRUNK PROTECTION TO BE PER DETAIL AND/OR AS DETERMINED IN THE FIELD.
 - ALL AMOUNTS SHOWN IN BID SCHEDULE ARE ESTIMATES ONLY. CONTRACTOR SHALL MAKE ALL NECESSARY CHANGES TO THE TEMPORARY EROSION CONTROL PLAN WITH HIS/HER SUBMITTAL IN ORDER TO COMPLY WITH TRPA AND LAHONTAN SWPPP REQUIREMENTS.
 - CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES OF TEMPORARY EROSION CONTROL DEVICES INSTALLED AND SATISFACTORILY MAINTAINED.
 - A FINE OF \$100/DAY WILL BE LEVIED AGAINST THE CONTRACTOR FOR EACH DAY CONTRACTOR DELAYS IN RESPONDING TO ENGINEER'S REQUEST TO INSTALL NEW TEMPORARY EROSION CONTROL DEVICES AND OR MAINTAIN EXISTING TEMPORARY EROSION CONTROL DEVICES.

LEGEND

- - - COUNTY RIGHT-OF-WAY
- - - EXISTING EDGE OF PAVEMENT
- - - DRAINAGE OR SLOPE EASEMENT
- - - ELECTRICAL/TELEPHONE EASEMENT
- - - EXISTING HOUSE
- - - EXISTING STORM DRAIN
- - - CONSTRUCTION LIMIT OR TREE PROTECTION FENCE
- - - FILTER FENCE
- - - WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL
- - - PROPOSED SEDIMENT TRAP
- - - PROPOSED PIPE
- - - PROPOSED CHANNEL

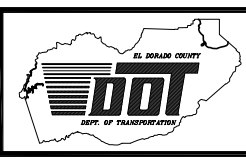


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER: _____

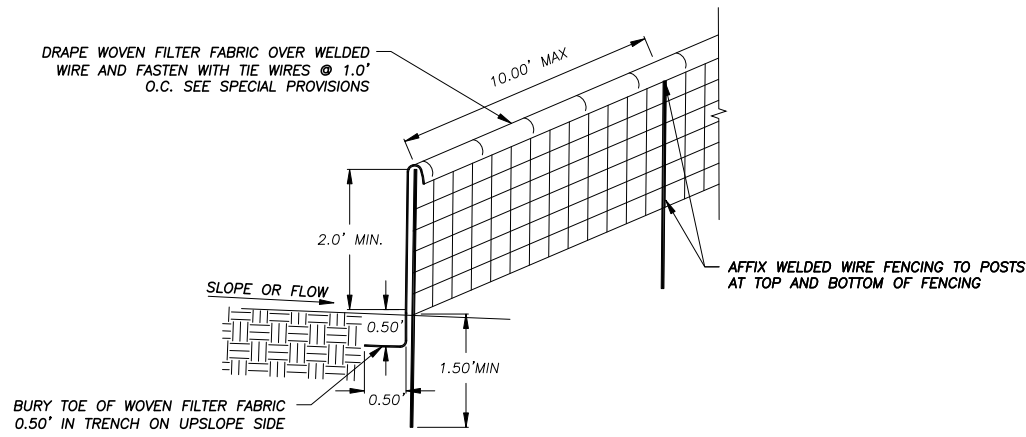


**EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION**

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 TEMPORARY EROSION CONTROL PLAN

SHEET
EC-1
 17 OF 23
 CONTRACT NO.
 PW 10-30540
 CIP No.
 95190

ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
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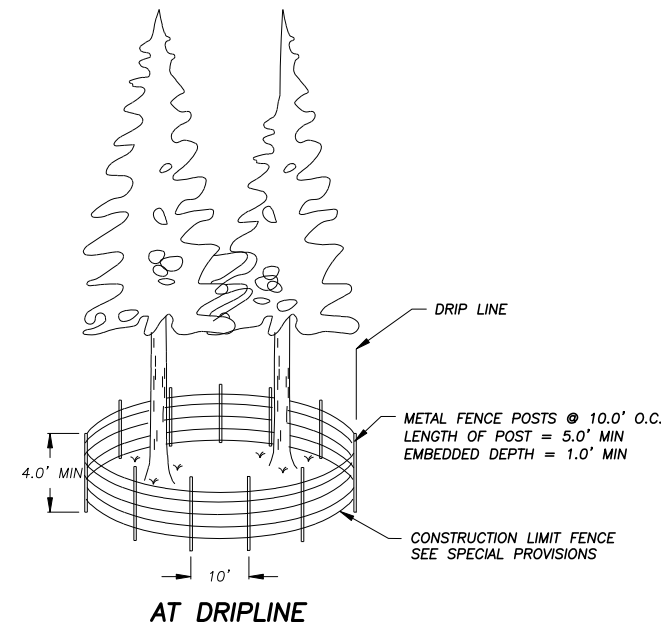


- NOTES:
1. CONTRACTOR MAY USE PRE MANUFACTURED SEDIMENT CONTROL FENCE AS APPROVED BY THE ENGINEER, SEE SPECIAL PROVISIONS.
 2. PLACE FENCING SUCH THAT STORM RUNOFF CANNOT PASS AROUND OR UNDER FENCE.

FILTER FENCE (FF)

NTS

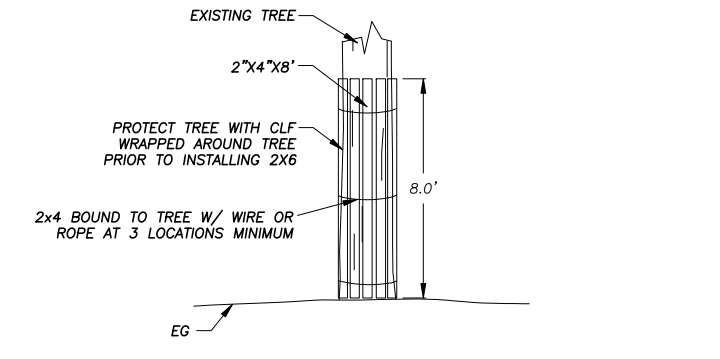
1
EC-2



CONSTRUCTION LIMIT FENCE (CLF)

NTS

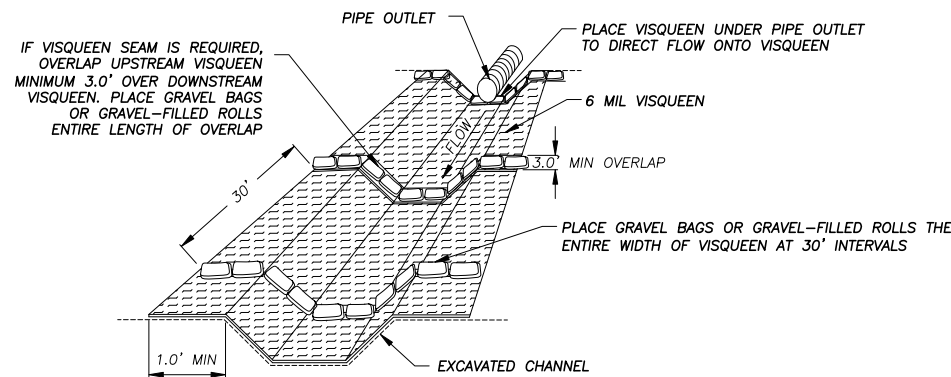
2
EC-2



WOODEN TREE TRUNK PROTECTION

NTS

3
EC-2



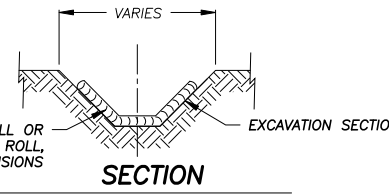
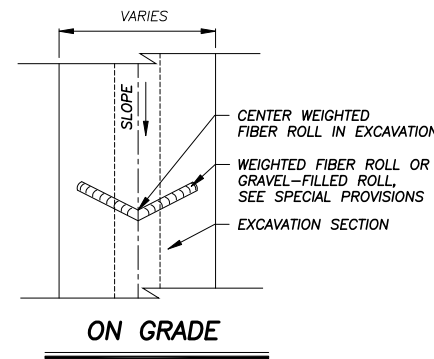
VISQUEEN WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS

NTS

4
EC-2

GENERAL NOTES:

1. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING FILTER FABRIC, GRAVEL BAGS, GRAVEL-FILLED ROLLS, RICE STRAW FIBER ROLLS, AND FENCE POSTS.
2. DIMENSION LIMITS OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS STAKED IN THE FIELD.

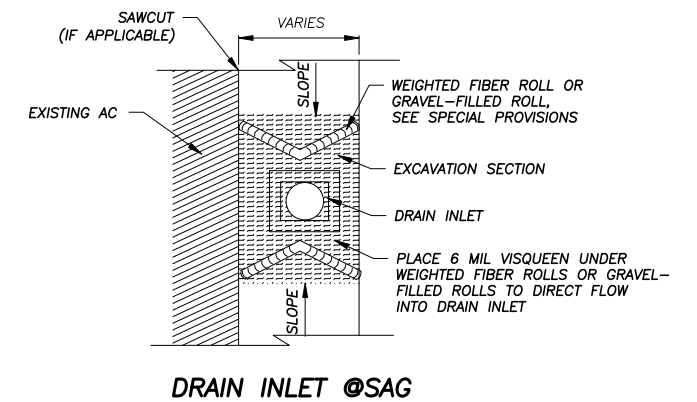
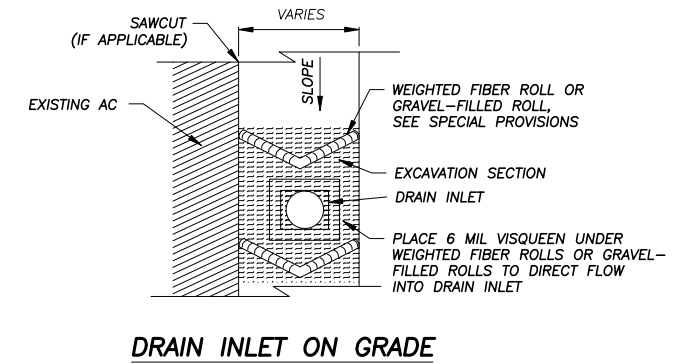


- NOTE:
SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS

NTS

5
EC-2



DRAIN INLET PROTECTION

NTS

6
EC-2



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: TA

DRAWN: TA

CHECKED: DSP

DATE: 05/12

ROAD NUMBER:

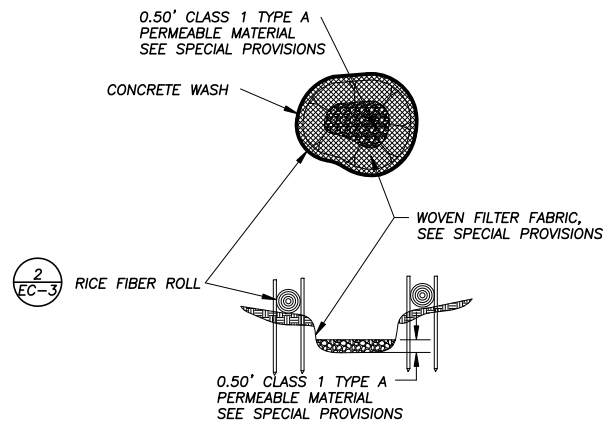


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
TEMPORARY EROSION CONTROL DETAILS

SHEET
EC-2
18 of 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

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ORIGINAL SCALE IS IN INCHES
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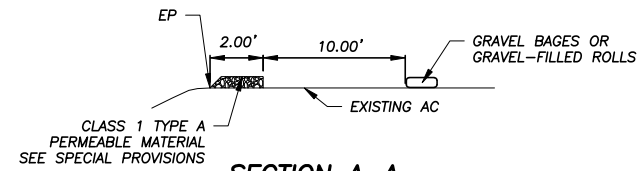
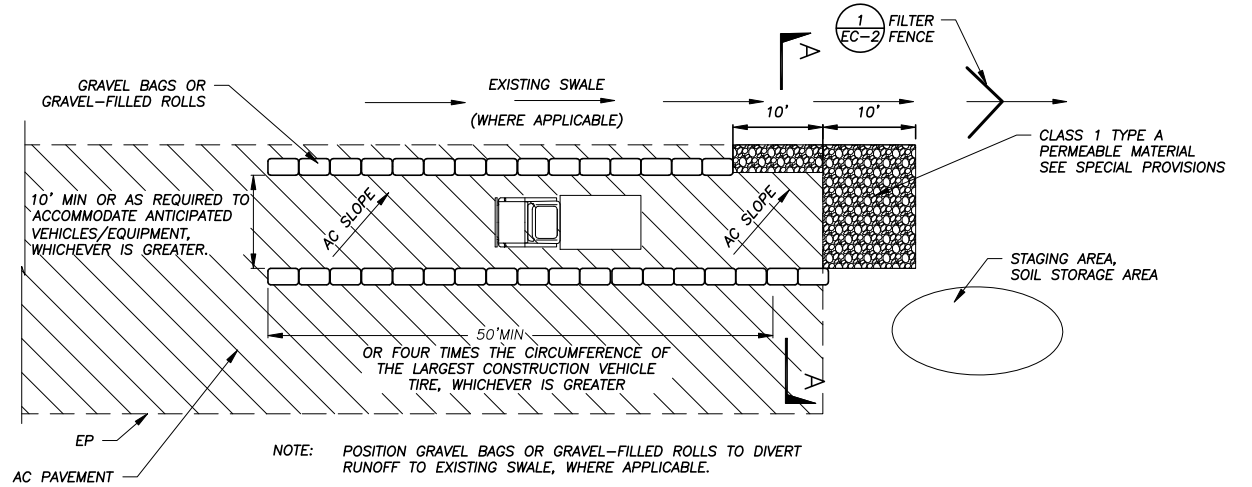


NOTE: CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT W/O OVER TOPPING BASIN.

CONCRETE WASH AREA

NTS

1
EC-3

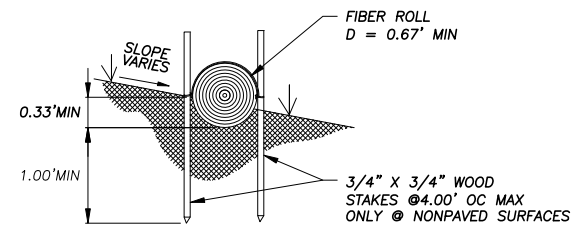
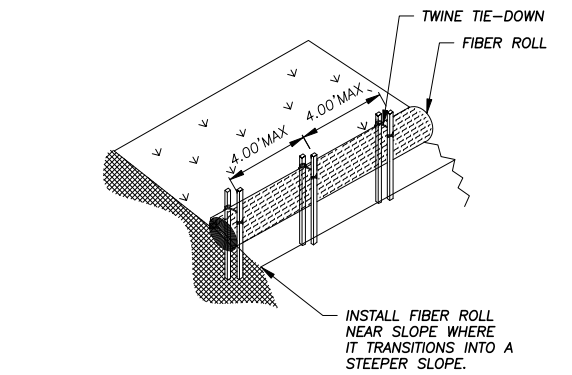


SECTION A-A

TIRE WASH AREA (ON PAVEMENT)

NTS

3
EC-3



NOTE: INSTALL FIBER ROLL ALONG LEVEL CONTOUR.

RICE STRAW FIBER ROLLS

NTS

2
EC-3

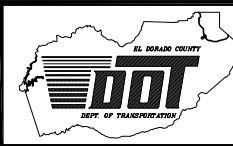
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER: ###



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
TEMPORARY EROSION CONTROL DETAILS

SHEET
EC-3
19 of 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

Drawing name: S:\CIVIL 3D PROJECTS\95190\Engineering\PLAN WITH HANDBOOK REVISED.R-1.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



MATCHLINE SEE ABOVE

MATCHLINE SEE BELOW

LEGEND

	COUNTY RIGHT-OF-WAY
	EXISTING EDGE OF PAVEMENT
	DRAINAGE OR SLOPE EASEMENT
	ELECTRICAL/TELEPHONE EASEMENT
	EXISTING HOUSE
	PROPOSED SEDIMENT TRAP
	PROPOSED PIPE
	PROPOSED CHANNEL
	PROPOSED REVEGETATION

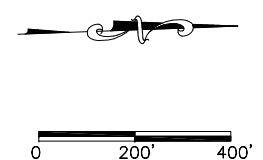
REVEGETATION WORK LEGEND

TYPE (1) CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
 TYPE (2) CCC LOOSEN SOIL ON SLOPE; CONTRACTOR APPLIES 1" HUMUS; (CCC) MIX HUMUS WITH LOOSENED SOIL, ADD SEED, AND SOIL AMENDMENT; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.

NOTES:
 1) REVEGETATION TYPE (1) INCLUDED IN AREAS ASSOCIATED WITH DRAIN BASINS, PIPE TRENCH (OUT OF PAVEMENT), ABC CHANNELS, AND MISCELLANEOUS GRADING BID ITEMS.
 2) REVEGETATION TYPE (2) FOR AREAS ASSOCIATED WITH SLOPES.
 3) ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL. (BY EDOT)

REVEGETATION DEFINITIONS

AMENDMENT - BIOSOL @600 LBS./ACRE (OR EQUAL)
 MULCH - APPLIED WITH BLOWER EQUIPMENT
 HUMUS - CONTRACTOR SHALL APPLY HUMUS WITH BLOWER EQUIPMENT PER SPECIAL PROVISIONS
 TACKIFIER - CONTRACTOR SHALL APPLY WOOD-CELLULOSE FIBER MULCH/TACKIFIER OVER AREAS THAT RECEIVE MULCH.

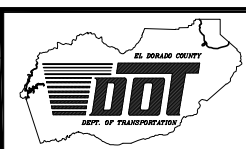


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
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 DATE:

DESIGNED: TA
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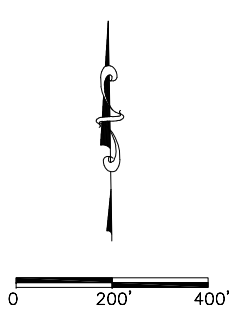
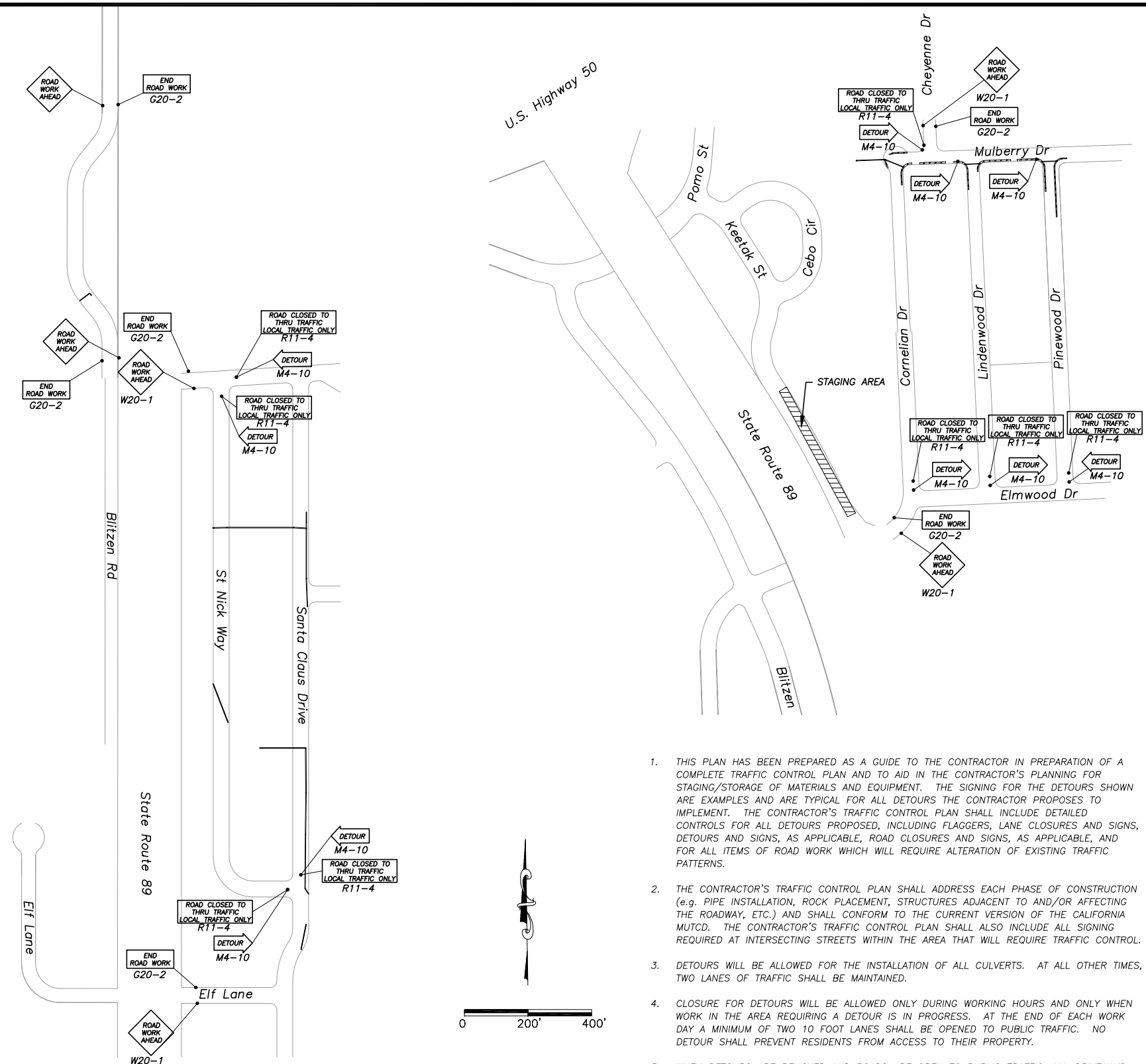
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 REVEGETATION PLAN

SHEET
R-1
 20 of 23
 CONTRACT NO.
PW 10-30540
 CIP No.
 95190

Drawing name: S:\CIVIL 3D PROJECTS\95590\Engineering\PLAN WITH HANDBOOK T-1 TRAFFIC.dwg

FOR REDUCED PLANS
 2 ORIGINAL SCALE IS IN INCHES
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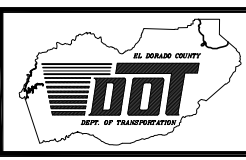
1. THIS PLAN HAS BEEN PREPARED AS A GUIDE TO THE CONTRACTOR IN PREPARATION OF A COMPLETE TRAFFIC CONTROL PLAN AND TO AID IN THE CONTRACTOR'S PLANNING FOR STAGING/STORAGE OF MATERIALS AND EQUIPMENT. THE SIGNING FOR THE DETOURS SHOWN ARE EXAMPLES AND ARE TYPICAL FOR ALL DETOURS THE CONTRACTOR PROPOSES TO IMPLEMENT. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE DETAILED CONTROLS FOR ALL DETOURS PROPOSED, INCLUDING FLAGGERS, LANE CLOSURES AND SIGNS, DETOURS AND SIGNS, AS APPLICABLE, ROAD CLOSURES AND SIGNS, AS APPLICABLE, AND FOR ALL ITEMS OF ROAD WORK WHICH WILL REQUIRE ALTERATION OF EXISTING TRAFFIC PATTERNS.
2. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. PIPE INSTALLATION, ROCK PLACEMENT, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND SHALL CONFORM TO THE CURRENT VERSION OF THE CALIFORNIA MUTCD. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
3. DETOURS WILL BE ALLOWED FOR THE INSTALLATION OF ALL CULVERTS. AT ALL OTHER TIMES, TWO LANES OF TRAFFIC SHALL BE MAINTAINED.
4. CLOSURE FOR DETOURS WILL BE ALLOWED ONLY DURING WORKING HOURS AND ONLY WHEN WORK IN THE AREA REQUIRING A DETOUR IS IN PROGRESS. AT THE END OF EACH WORK DAY A MINIMUM OF TWO 10 FOOT LANES SHALL BE OPENED TO PUBLIC TRAFFIC. NO DETOUR SHALL PREVENT RESIDENTS FROM ACCESS TO THEIR PROPERTY.
5. WHEN DETOURS ARE REMOVED AND ROADS ARE OPEN TO PUBLIC TRAFFIC, ALL DRIVEWAYS WITHIN THE WORK AREA SHALL BE ACCESSIBLE AND OPERATIONAL.
6. THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
7. CONTRACTOR'S ATTENTION IS DIRECTED TO SHEET EC-1 OF THESE PLANS AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
8. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT. SEE SPECIAL PROVISIONS.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
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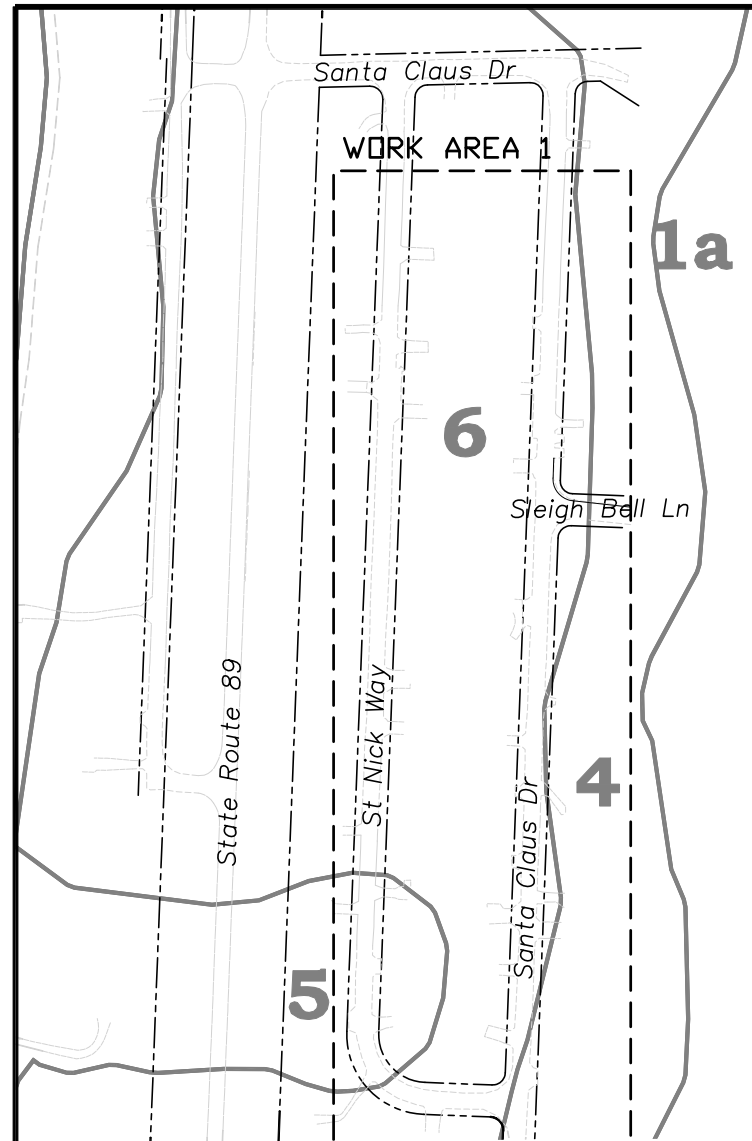
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 TRAFFIC CONTROL PLAN

SHEET
T-1
 21 OF 23
 CONTRACT NO.
PW 10-30540
 CIP No.
95190

Drawing name: S:\CIVIL 3D PROJECTS\95190\Engineering\PLAN WITH HANDED REC COVERAGE_L-1.dwg

ORIGINAL SCALE IS IN INCHES
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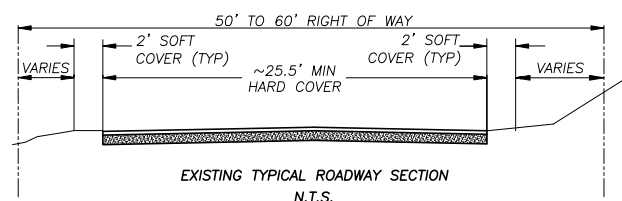


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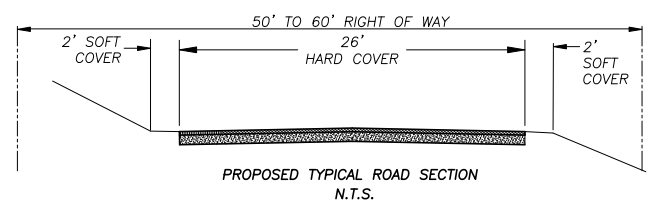
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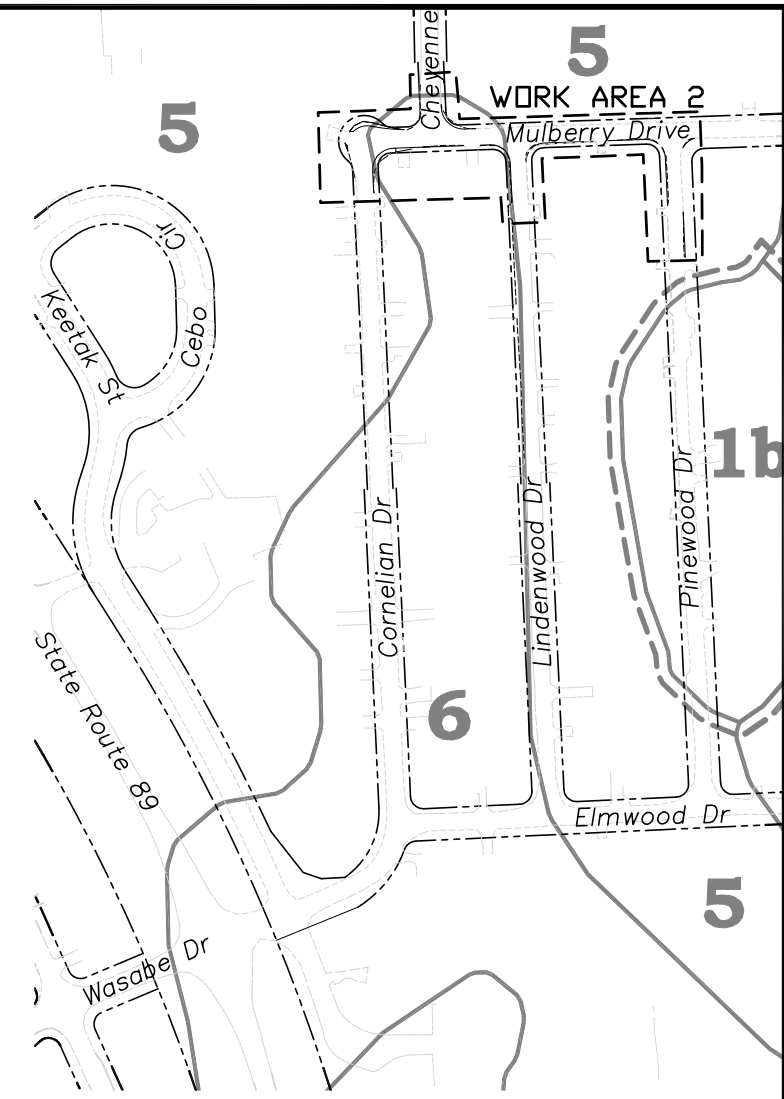
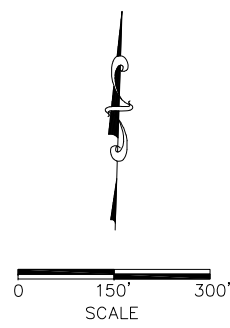
- NOTES:
1. A 2 FT ROAD SHOULDER WIDTH AS SHOWN ON THE ROAD SECTION DETAIL, WAS DEFINED AS SOFT COVER THROUGHOUT THE PROJECT AREA.
 2. LAND CAPABILITY WAS VERIFIED BY TRPA 10/07.



- NOTES:
1. NO ADDITIONAL COVERAGE PROPOSED WITHIN AN SEZ AREA, THEREFORE NO MITIGATION NEEDED. TRPA CODE 20.3.C(2)(e).
 2. A BANKING REQUEST FORM WILL BE SUBMITTED FOR ALL LAND COVERAGE TRANSFERS.

LEGEND

- RIGHT OF WAY (ROW)
- EXISTING HARD (COVERAGE)
- LAND CAPABILITY BOUNDARY
- PROPOSED HARD (COVERAGE)
- WORK AREA
- 5** LAND CAPABILITY CLASSIFICATION
- EXISTING EDGE OF PAVEMENT



5

WORK AREA 2

5

1b

6

5

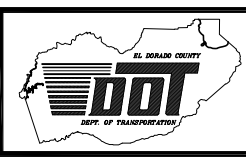
AREA		Land Capability Classifications					
		5		4		6	
		Hard	Soft	Hard	Soft	Hard	Soft
EXISTING	1	10209	3816	1768	260	81191	10428
	2	29611	2978	0	0	9246	686
	TOTAL	39820	6794	1768	260	90437	11114
PROPOSED	1	10209	3816	1723	260	81013	10428
	2	29389	2978	0	0	8634	686
	TOTAL	39598	6794	1723	260	89647	11114
TOTAL	EXISTING	39820	6794	1768	260	90437	11114
	PROPOSED	39598	6794	1723	260	89647	11114
	Coverage Transfer (In)/Out	-222	0	-45	0	-790	0
SEZ Mitigation Factor 1.5 : 1							

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE:

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 05/12
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
EXISTING & PROPOSED LAND COVERAGE

SHEET
L-1
22 OF 23
CONTRACT NO.
PW 10-30540
CIP No.
95190

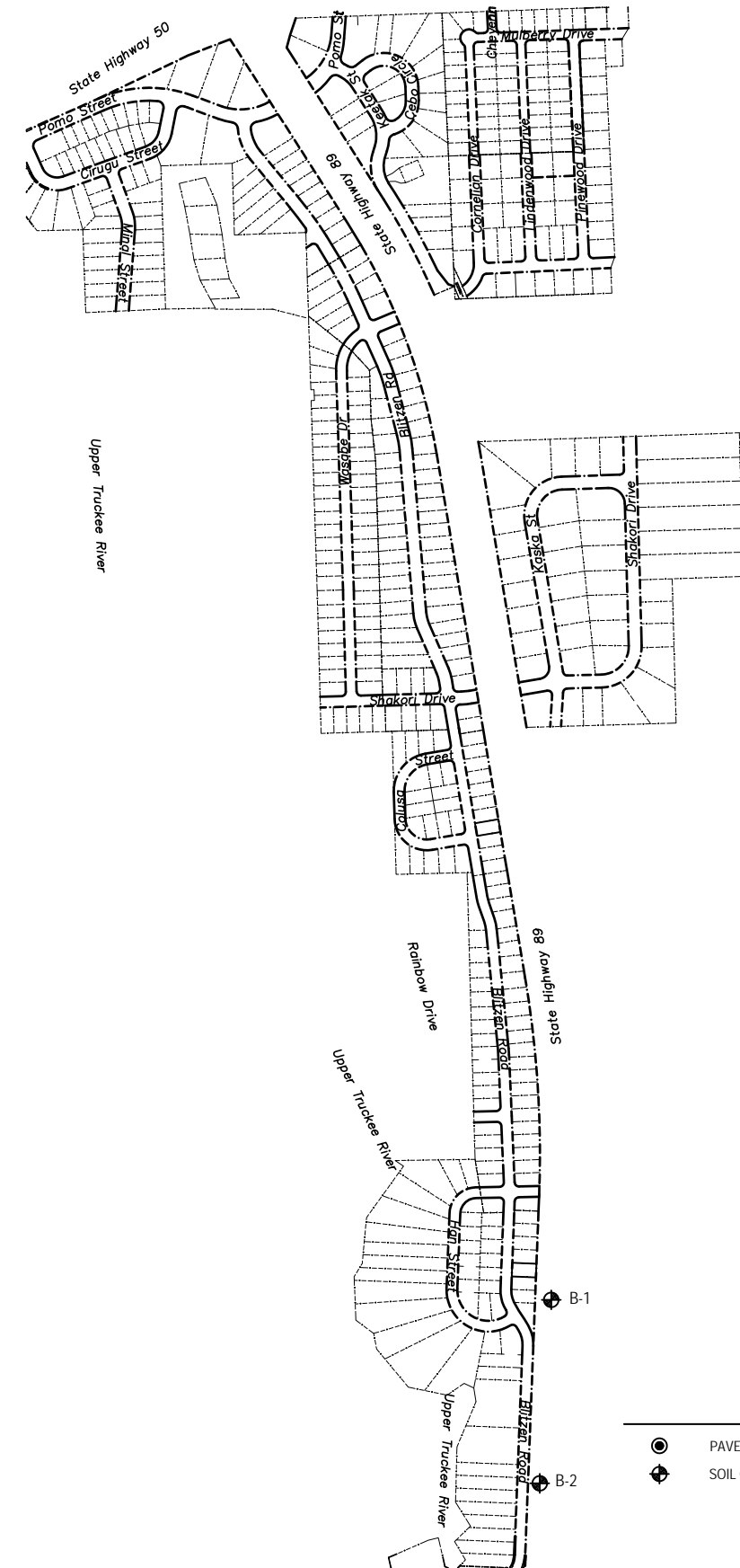
Project Name: Christmas Valley II
 Location: El Dorado County, California
 Exploration Method: Hollow Stem Auger
 Surface Elevation Estimated from 40-Ft Contour Map:
 Project No: 95169
 El Dorado County Department of Transportation
 Date Excavated: 6/03/2008
 Depth to Groundwater, Feet: Not Encountered

DEPTH FT.	SAMPLE TYPE	REMARKS
0.5	GRAVELLY SAND (SP); loose, dark gray brown (2.5YR 4/2), dry.	18
1.0	SILTY SAND (SM); medium dense, dark brown (7.5YR 3/3), moist. SILTY SAND (SM); medium dense, brown (7.5YR 4/4), moist. Slight mottling at 2.7 feet. Cobble at 3 feet.	33
4.5	GRAVELLY SAND (SP); dense, brown (7.5YR 4/4), moist, subangular gravel up to 1/2 inch in diameter.	17
6.5	SILTY SAND (SM); dense, dark yellowish brown (10YR 4/6), moist. Yellowish red (5YR 5/8) mottling at 7.8 feet.	17
6.0	GRAVELLY SAND (SP); dense, yellowish brown (10YR 5/6), moist, coarse sand.	42
10.0	SILTY SAND (SM); dense, dark gray (5Y 5/1), moist. Light yellowish brown (2.5YR 6/4) mottled layer at 10.3 feet. GRAVELLY SAND (SP); dense, grayish brown (2.5YR 5/2), very moist, rounded up to 2 inches in diameter.	38
12.5	GRAVELLY SAND (SP); dense, olive brown (2.5YR 5/2), very moist. Mottled layer at 13 feet.	31
15.0	SANDY (SP); medium dense, light yellowish brown (2.5YR 6/3), very moist, fine sand. Bottom of hole at 15.0 ft on 6-3-08	29

Project Name: Christmas Valley II
 Location: El Dorado County, California
 Exploration Method: Hollow Stem Auger
 Surface Elevation Estimated from 40-Ft Contour Map:
 Project No: 95169
 El Dorado County Department of Transportation
 Date Excavated: 6/03/2008
 Depth to Groundwater, Feet: Not Encountered

DEPTH FT.	SAMPLE TYPE	REMARKS
0.5	GRAVELLY SAND (SP); medium dense, very dark grayish brown (10YR 3/2), moist.	28
4.5	SILTY SAND (SM); loose, very dark gray (10YR 3/1), moist. Color change to very dark grayish brown (10YR 3/2).	34
8.0	Dark redish brown (5YR 3/4) mottled layer at 7.9 feet.	16
8.5	SILTY SAND (SM); loose, dark brown (7.5YR 3/4), moist.	25
9.5	SILTY SAND (SM); loose, dark brown (7.5YR 3/6), moist.	21
9.8	Cobble at 9.8 feet.	33
10.0	SAND (SP); Dense, yellowish brown (10YR 5/6), very moist.	44
11.5	Dark redish brown (2.5YR 3/4) mottled layer at 11.5 feet.	
12.0	GRAVELLY SAND (SP); dense, light olive brown (2.5YR 6/3), moist cobbles up to 3 inches in diameter. Bottom of hole at 12.8 ft on 6-3-08	

SOIL BORING LOGS



SOIL BORINGS LOCATION MAP



- LEGEND
- PAVEMENT CORING LOCATION (TYPICAL)
 - ◆ SOIL CHARACTERISTICS LOCATION

Drawing name: S:\CIVIL 3D PROJECTS\95169\Engineering\PLAN WITH HAN CURVED G-1.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 05/12
 ROAD NUMBER: _____

EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

CHRISTMAS VALLEY PHASE 2C EROSION CONTROL PROJECT
 GEOTECHNICAL GEOPHYSICAL SURVEY RESULTS

SHEET
G-1
 23 of 23
 CONTRACT NO.
 PW 10-30540
 CIP No.
 95190