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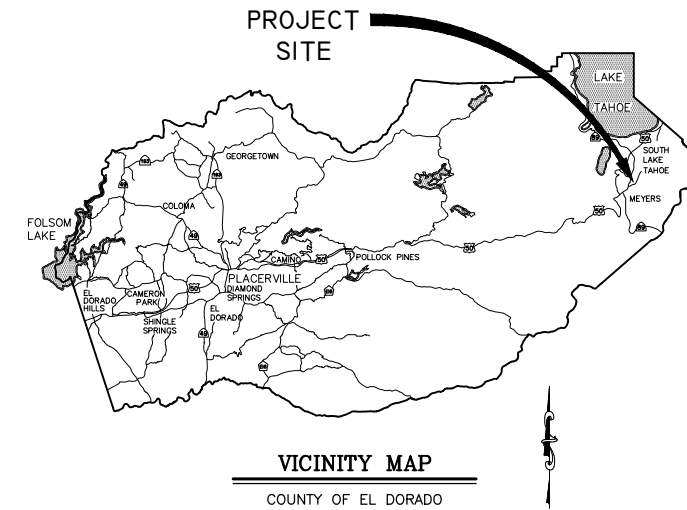
**COUNTY OF EL DORADO, CA
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION**

PROJECT PLANS FOR THE CONSTRUCTION OF THE 2018

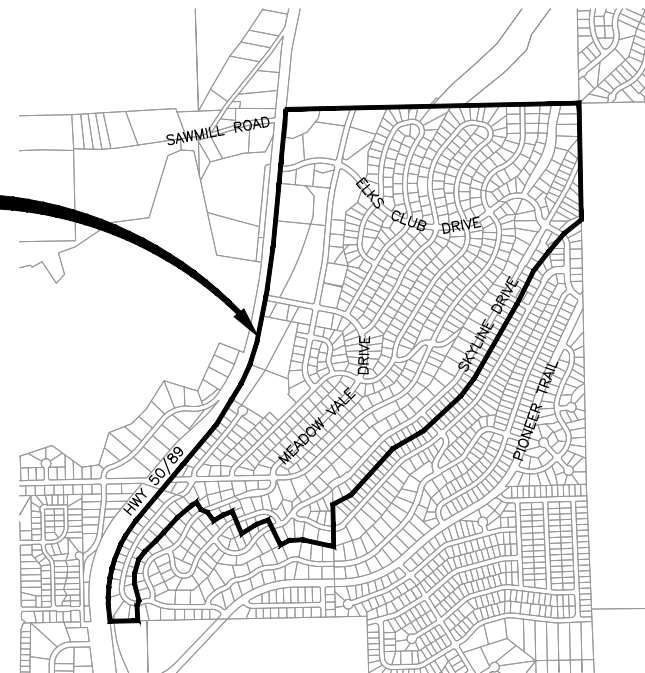
**COUNTRY CLUB HEIGHTS
EROSION CONTROL PROJECT**

IN THE COUNTY OF EL DORADO, DISTRICT 5,
COUNTRY CLUB HEIGHTS UNIT NOS. 1, 2, 3, AND 4 SUBDIVISIONS;
PORTIONS OF COUNTRY CLUB HEIGHTS UNIT NO. 5 AND TAHOE
PARADISE UNIT NO. 48 SUBDIVISIONS

To be supplemented with the 2015 Standard Plans and Specifications of
the California Department of Transportation, unless otherwise noted.



**COUNTRY CLUB HEIGHTS
EROSION CONTROL PROJECT
BOUNDARY**



LOCATION MAP

SCALE: 1" = 1000'



SUBMITTED BY: DANIEL W. KIKKERT P.E.
SENIOR CIVIL ENGINEER
STATE OF CALIFORNIA NO. 70168

DATE
FEBRUARY 28, 2018

BOARD OF SUPERVISORS
I JOHN HIDAHL
II SHIVA FRENTZEN
III BRIAN K. VEERKAMP
IV MICHAEL RANALLI
V SUE NOVASEL

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION**
(530) 573-7900
924 B EMERALD BAY RD
SOUTH LAKE TAHOE, CA
96150
(530) 621-5900
2850 FAIRLANE CT
PLACERVILLE, CA
95667

ADOPTED AND APPROVED BY:
MICHAEL RANALLI, CHAIR, COUNTY OF EL DORADO BOARD OF SUPERVISORS
RAFAEL MARTINEZ, DIRECTOR, COMMUNITY DEVELOPMENT SERVICES, DEPARTMENT OF TRANSPORTATION
JOHN H. KAHNUNG, P.E., RCE NO. 52426, DEPUTY DIRECTOR OF ENGINEERING, COMMUNITY DEVELOPMENT SERVICES, DEPARTMENT OF TRANSPORTATION

FUNDING AGENCIES

UNITED STATES FOREST SERVICE
CALIFORNIA TAHOE CONSERVANCY

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 (Schedule A Work) and CLASS C27 LICENSE (Schedule B Work) or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans, at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.

REVISIONS

MARK	DATE	BY

CONTRACT NO. PW 17-31166, CIP NO. 95191

**COUNTRY CLUB HEIGHTS
EROSION CONTROL PROJECT**

TITLE SHEET

SHEET 1 OF 26

EARTHWORK SUMMARY BY IMPROVEMENT

ALL VOLUMES ARE IN CUBIC YARDS

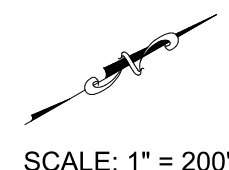
FACILITY	CUT	FILL	SALVAGED SOIL	HUMUS FOR TOPSOIL MIX	TOPSOIL MIX	MULCH
CURB & GUTTER	57	28		4	17	8
BASIN	216		83	6	25	1
CSP INLETS, DRAINAGE INLET	17					
RLC, BLC	273	31		17	68	31
ROCK BOWLS, RSP, ROCK DISSIPATORS	33					
SLOPE GRADING	65					
TOTALS	661	59	83	27	110	40

THE QUANTITIES SHOWN HAVE BEEN CALCULATED USING THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE VOLUMES SHOWN ARE RAW, MEANING THAT NEITHER SHRINKAGE, SUBSIDENCE, NOR BULKING HAVE BEEN TAKEN INTO ACCOUNT. FOR THE QUANTITIES SHOWN IT IS ASSUMED THAT NO ROCK WAS ENCOUNTERED. IT IS YOUR RESPONSIBILITY TO REVIEW THESE QUANTITIES AND APPLY THE NECESSARY FACTORS TO DETERMINE THE VOLUME OF IMPORT MATERIAL NECESSARY (OR IF IT IS NECESSARY).

QUANTITY OF SALVAGED SOIL IN THE SUMMARY TABLE REFLECTS THAT AMOUNT REQUIRED FOR THE 3:1 RATIO FOR TOPSOIL MIX. YOU MAY SALVAGE SOIL FROM ANY OF THE LOCATIONS DESCRIBED IN SECTION 21-1.02D OF THE SPECIAL PROVISIONS AS LONG AS THE REQUIRED QUANTITY (38 CY) IS MET.



Drawing name: \\D:\Projects\17-31166\17-31166-03-01\17-31166-03-01-01\17-31166-03-01-01-01.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 2
 1
 0



REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: **FEBRUARY 28, 2018**

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 2/2018
 ROAD NUMBER: ---



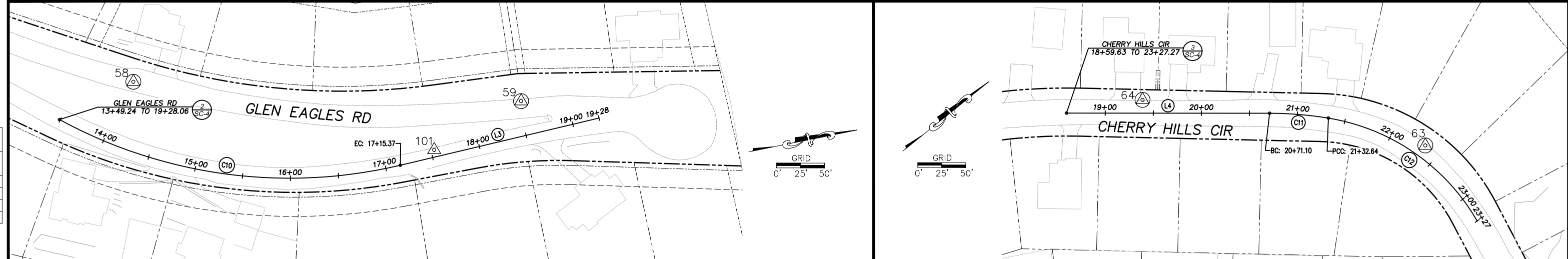
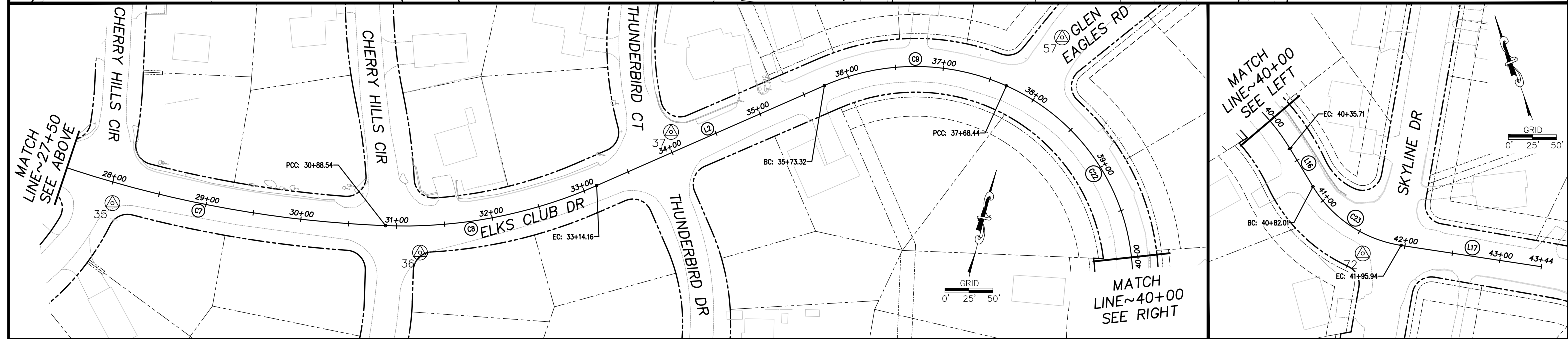
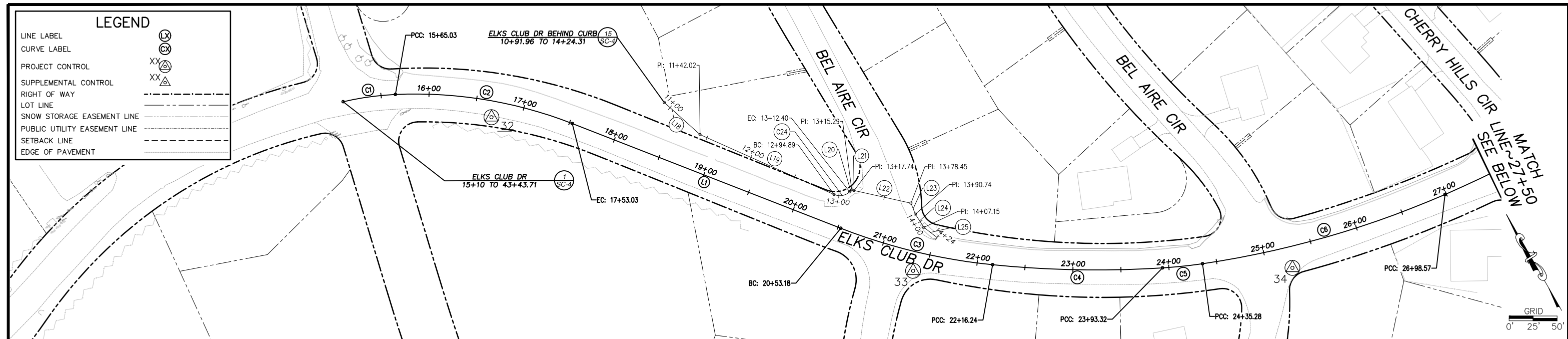
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 SHEET INDEX MAP AND EARTHWORK SUMMARY TABLE

SHEET
 iii
 3 of 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

LEGEND

LINE LABEL	
CURVE LABEL	
PROJECT CONTROL	
SUPPLEMENTAL CONTROL	
RIGHT OF WAY	
LOT LINE	
SNOW STORAGE EASEMENT LINE	
PUBLIC UTILITY EASEMENT LINE	
SETBACK LINE	
EDGE OF PAVEMENT	



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY

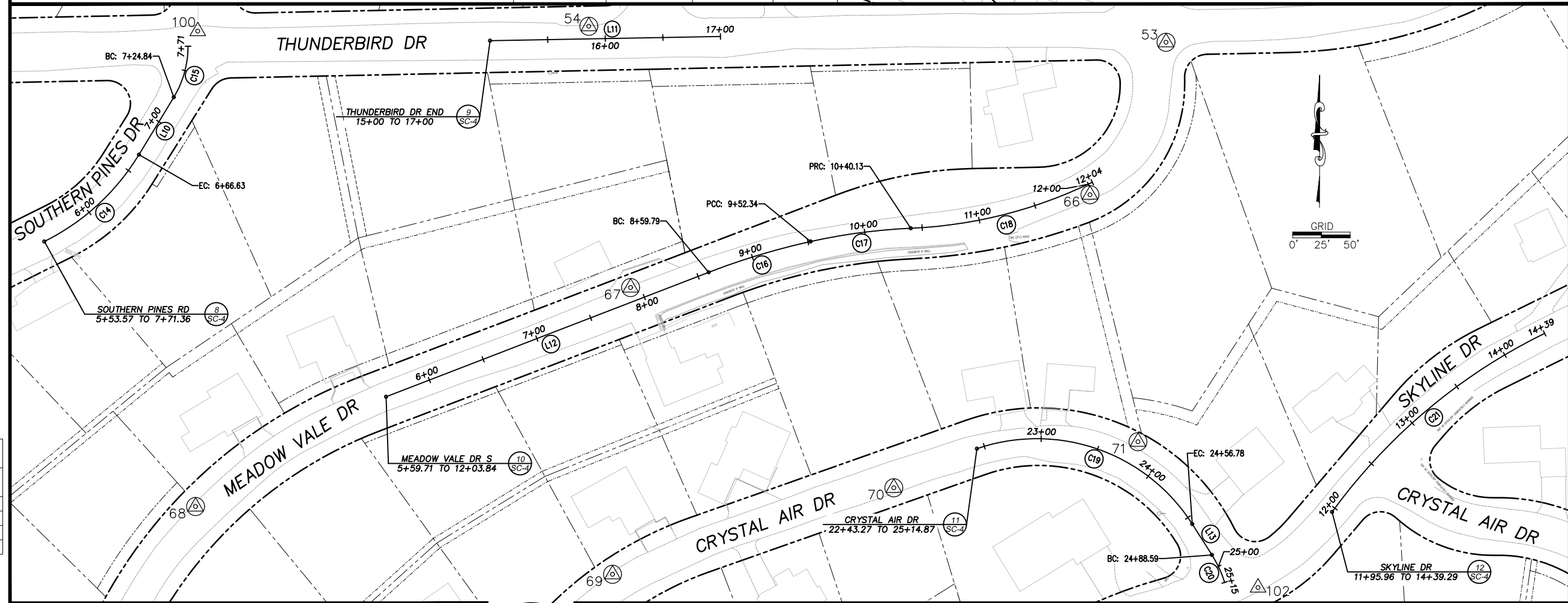
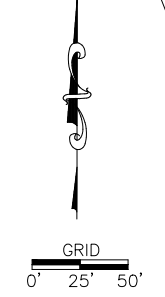
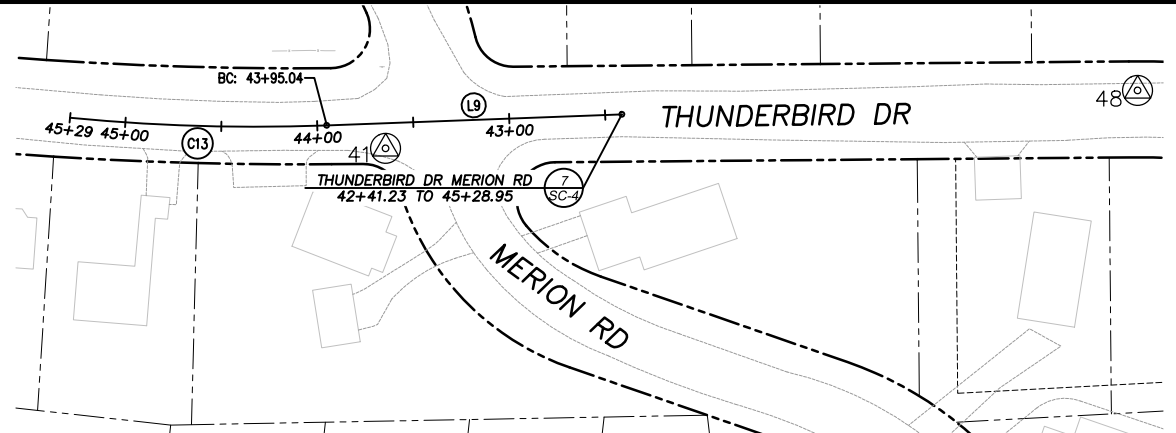
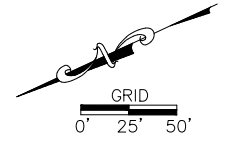
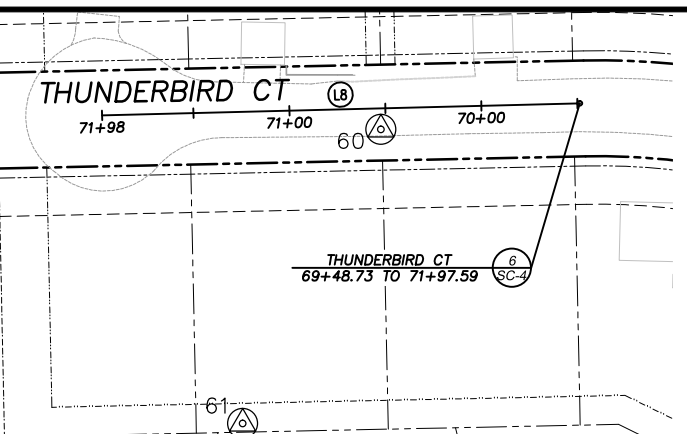
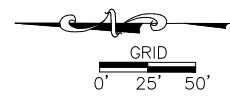
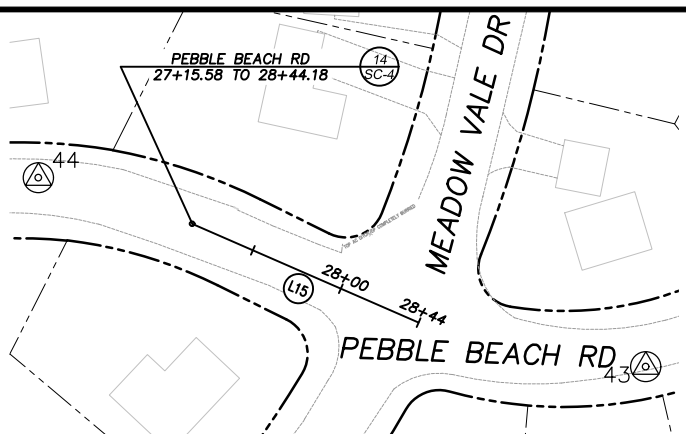
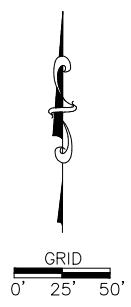
DESIGNED BY: [Signature] / 2018
 CHECKED BY: [Signature]
 PROFESSIONAL LAND SURVEYOR
 ROAD NUMBER: [Blank]

COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

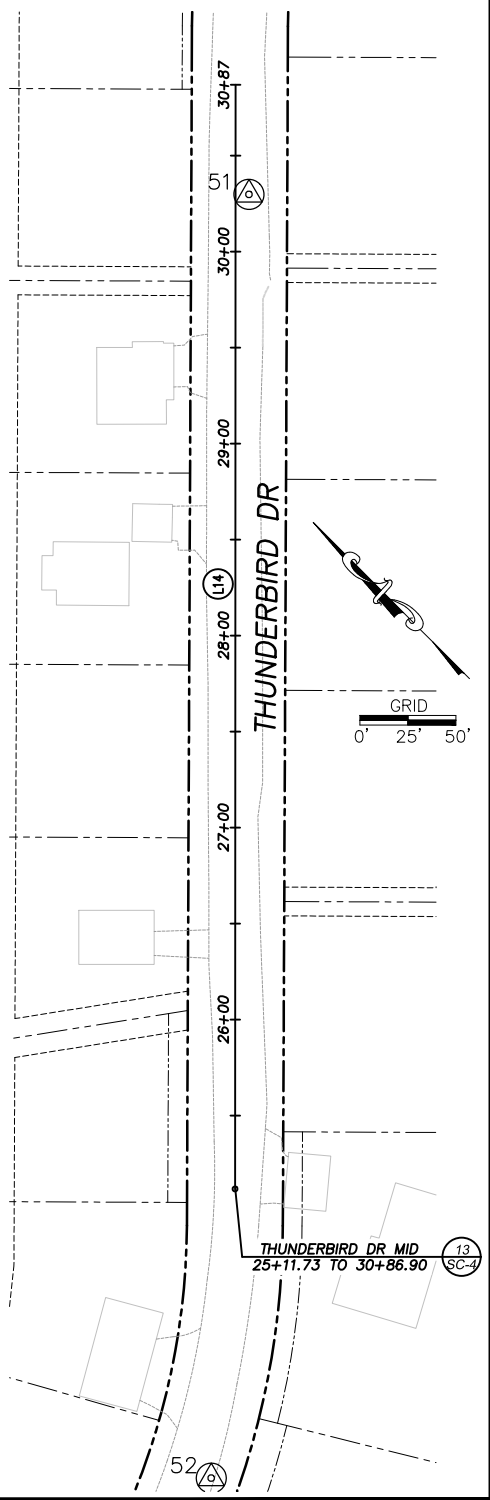
COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-1
 4 of 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

ORIGINAL SCALE IS IN INCHES
 2
 FOR REDUCED PLANS
 0



LEGEND	
LINE LABEL	(L)
CURVE LABEL	(C)
PROJECT CONTROL	XX (P)
SUPPLEMENTAL CONTROL	XX (S)
RIGHT OF WAY	---
LOT LINE	---
SNOW STORAGE EASEMENT LINE	---
PUBLIC UTILITY EASEMENT LINE	---
SETBACK LINE	---
EDGE OF PAVEMENT	---



REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY

PREPARED UNDER THE SUPERVISION OF
 DESIGNER: M.G. K...
 CHECKED: D.../2018
 PROFESSIONAL LAND SURVEYOR
 ROAD NUMBER:

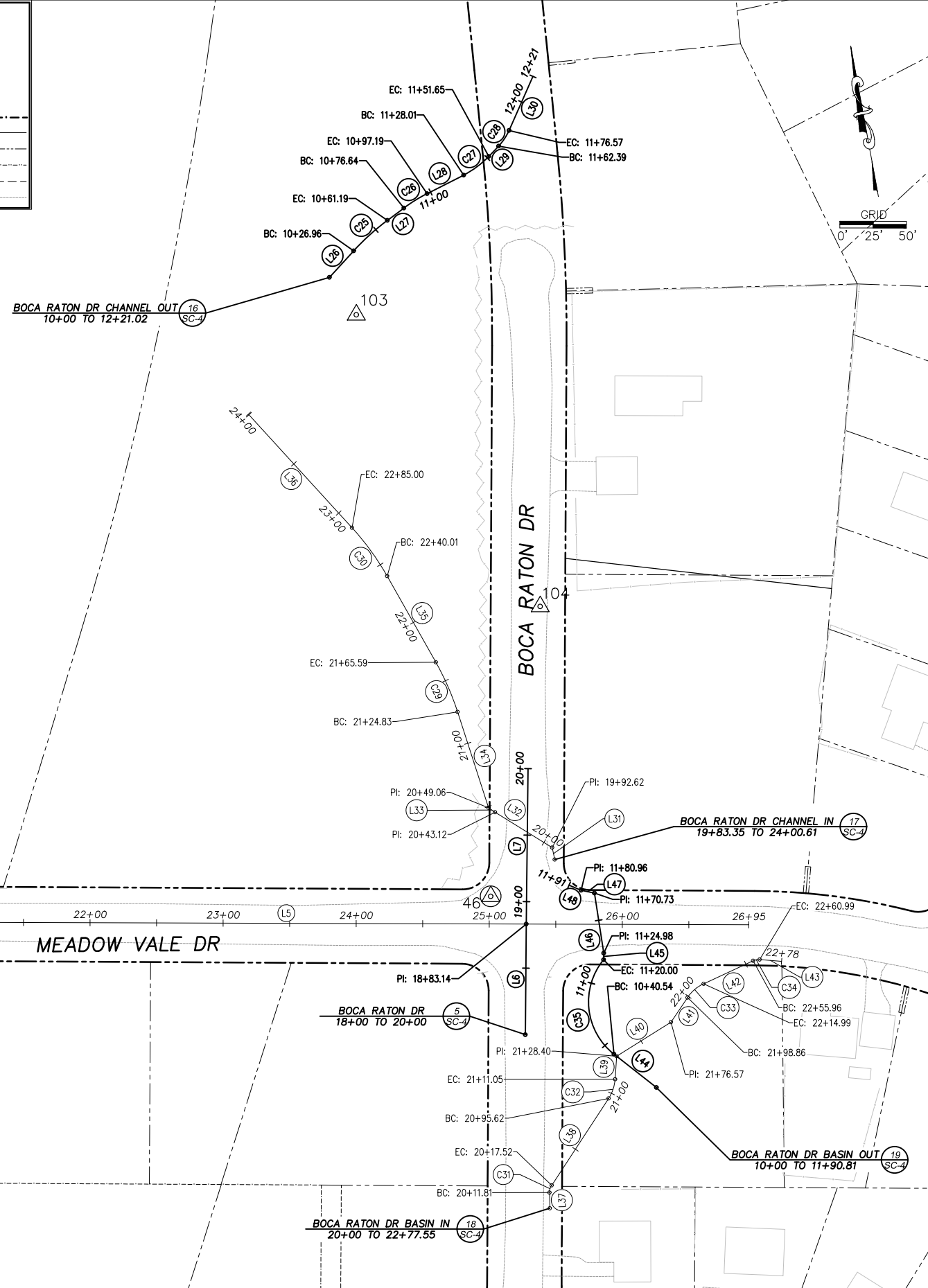
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-2
 5 OF 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

LEGEND	
LINE LABEL	
CURVE LABEL	
PROJECT CONTROL	
SUPPLEMENTAL CONTROL	
RIGHT OF WAY	
LOT LINE	
SNOW STORAGE EASEMENT LINE	
PUBLIC UTILITY EASEMENT LINE	
SETBACK LINE	
EDGE OF PAVEMENT	



HORIZONTAL DATUM
 BASIS OF BEARINGS 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. ALL DISTANCES ARE GRID DISTANCES. DIVIDE BY .999622 TO OBTAIN GROUND DISTANCES.

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

CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
32	2086420.10	7130161.92	6269.73	10" SPIKE
33	2086062.26	7130462.32	6286.25	MAG NAIL
34	2085867.43	7130805.94	6305.66	MAG NAIL
35	2085825.34	7131088.01	6324.72	MAG NAIL
36	2085854.68	7131411.22	6355.08	MAG NAIL
37	2086041.02	7131633.52	6379.99	MAG NAIL
41	2084671.26	7131020.84	6413.56	MAG NAIL
43	2084239.50	7130397.99	6359.27	MAG NAIL
44	2084337.94	7130081.71	6347.46	MAG NAIL
46	2085043.39	7129798.43	6285.20	MAG NAIL
47	2085097.76	7129320.06	6279.40	MAG NAIL
48	2084303.32	7130883.30	6409.05	MAG NAIL
51	2083733.82	7130147.27	6420.82	MAG NAIL
52	2083275.59	7129660.10	6423.74	MAG NAIL
53	2083228.24	7129385.61	6401.26	MAG NAIL
54	2083242.16	7128884.65	6372.98	MAG NAIL
57	2086237.00	7132003.96	6419.98	MAG NAIL

CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
58	2086533.58	7132161.44	6419.50	MAG NAIL
59	2086925.34	7132261.52	6418.47	MAG NAIL
60	2086928.55	7131961.84	6364.50	MAG NAIL
61	2087000.57	7131808.65	6339.18	10" SPIKE
63	2086938.08	7131399.98	6318.49	MAG NAIL
64	2086739.07	7131177.86	6331.81	MAG NAIL
66	2083095.92	7129319.56	6414.37	MAG NAIL
67	2083015.34	7128920.88	6449.40	MAG NAIL
68	2082825.26	7128543.29	6438.71	MAG NAIL
69	2082766.49	7128905.18	6497.63	MAG NAIL
70	2082841.58	7129149.31	6501.81	MAG NAIL
71	2082881.50	7129361.21	6502.89	10" SPIKE
72	2085870.05	7132174.10	6451.48	10" SPIKE
100	2083237.88	7128545.22	6347.77	MAG NAIL
101	2086826.49	7132293.27	6426.64	MAG NAIL
102	2082755.00	7129465.42	6509.14	MAG NAIL
103	2085491.65	7129778.75	6277.31	10" SPIKE
104	2085250.87	7129874.65	6282.61	MAG NAIL

PROJECT CONTROL ESTABLISHED FOR THE DESIGN AND CONSTRUCTION OF THE COUNTY OF EL DORADO COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT (CIP 95191)

REVISION

NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY

DESIGNED BY: M.G. K...
 CHECKED BY: D...
 DATE: /2018

PROFESSIONAL LAND SURVEYOR
 STATE OF CALIFORNIA

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 SURVEY ALIGNMENTS AND CONTROL LISTING

SHEET SC-3
 6 OF 26

CONTRACT NO. PW 17-31166
 CIP No. 95191

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C1)	15+10	15+65.03	CURVE RIGHT	55.03	300.00	----	10°30'34"	2086511.38	7130036.22	2086490.72	7130087.14
(C2)	15+65.03	17+53.03	CURVE RIGHT	188.00	450.00	----	23°56'14"	2086490.72	7130087.14	2086372.47	7130231.54
(L1)	17+53.03	20+53.18	LINE	300.15	----	S38°43'05"E	----	2086372.47	7130231.54	2086138.28	7130419.28
(C3)	20+53.18	22+16.24	CURVE LEFT	163.06	599.00	----	15°35'51"	2086138.28	7130419.28	2086026.42	7130537.23
(C4)	22+16.24	23+93.32	CURVE LEFT	177.07	1099.00	----	9°13'54"	2086026.42	7130537.23	2085935.13	7130688.74
(C5)	23+93.32	24+35.28	CURVE LEFT	41.96	499.00	----	4°49'05"	2085935.13	7130688.74	2085918.04	7130727.05
(C6)	24+35.28	26+98.57	CURVE LEFT	263.29	999.00	----	15°06'02"	2085918.04	7130727.05	2085854.16	7130981.68
(C7)	26+98.57	30+88.54	CURVE LEFT	389.97	1199.00	----	18°38'07"	2085854.16	7130981.68	2085873.01	7131369.48
(C8)	30+88.54	33+14.16	CURVE LEFT	225.62	499.00	----	25°54'22"	2085873.01	7131369.48	2085967.74	7131572.14
(L2)	33+14.16	35+73.32	LINE	259.16	----	N51°59'34"E	----	2085967.74	7131572.14	2086127.32	7131776.34
(C9)	35+73.32	37+68.44	CURVE RIGHT	195.12	235.00	----	4°34'24"	2086127.32	7131776.34	2086173.89	7131960.10
(C22)	37+68.44	40+82.01	CURVE RIGHT	267.27	221.07	----	69°16'16"	2086173.89	7131960.10	2085998.70	7132140.24
(L6)	40+82.01	41+95.94	LINE	46.29	----	S11°09'46"E	----	2085998.70	7132140.24	2085953.28	7132149.20
(C23)	41+95.94	43+43.71	CURVE LEFT	113.93	130.00	----	50°12'46"	2085953.28	7132149.20	2085864.33	7132214.46
(L17)	43+43.71	43+43.71	LINE	147.78	----	S61°22'32"E	----	2085864.33	7132214.46	2085793.54	7132344.18

ELKS CLUB DR ALIGNMENT
15+10 TO 43+43.71

1
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C10)	13+49.24	17+15.37	CURVE LEFT	366.13	500.00	----	41°57'20"	2086450.41	7132184.69	2086788.70	7132301.85
(L3)	17+15.37	19+28.06	LINE	212.69	----	N1°52'31"W	----	2086788.70	7132301.85	2087001.27	7132294.89

GLEN EAGLES RD ALIGNMENT
13+49.24 TO 19+28.06

2
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L4)	18+59.63	20+71.10	LINE	211.48	----	N39°01'15"E	----	2086668.84	7131138.70	2086833.14	7131271.85
(C11)	20+71.10	21+32.64	CURVE RIGHT	61.54	380.00	----	9°16'43"	2086833.14	7131271.85	2086877.61	7131314.29
(C12)	21+32.64	23+27.27	CURVE RIGHT	194.63	220.00	----	50°41'15"	2086877.61	7131314.29	2086930.65	7131495.01

CHERRY HILLS CIR ALIGNMENT
18+59.63 TO 23+27.27

3
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L5)	20+00	26+95.04	LINE	695.04	----	S79°18'48"E	----	2085115.90	7129302.15	2084987.02	7129985.14

MEADOW VALE DR N ALIGNMENT
20+00 TO 26+95.04

4
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L6)	18+00	18+83.14	LINE	83.14	----	N10°56'58"E	----	2084936.40	7129805.03	2085018.03	7129820.82
(L7)	18+83.14	20+00	LINE	116.86	----	N11°08'51"E	----	2085018.03	7129820.82	2085132.68	7129843.41

BOCA RATON ALIGNMENT
18+00 TO 20+00

5
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L8)	69+48.73	71+97.59	LINE	248.86	----	N1°26'32"W	----	2086825.01	7131975.41	2087073.79	7131969.15

THUNDERBIRD CT ALIGNMENT
69+48.73 TO 71+97.59

6
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L9)	42+41.23	43+95.04	LINE	153.80	----	N22°45'39"E	----	2084552.18	7130985.16	2084694.01	7131044.66
(C13)	43+95.04	45+28.95	CURVE RIGHT	133.91	1000.00	----	7°40'22"	2084694.01	7131044.66	2084813.66	7131104.57

THUNDERBIRD DR MERION RD ALIGNMENT
42+41.23 TO 45+28.95

7
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C14)	5+53.57	6+66.63	CURVE LEFT	113.06	200.00	----	32°23'22"	2083055.33	7128412.00	2083130.77	7128494.19
(L10)	6+66.63	7+24.84	LINE	58.21	----	N31°15'27"E	----	2083130.77	7128494.19	2083180.53	7128524.39
(C15)	7+24.84	7+71.36	CURVE LEFT	46.53	85.00	----	31°21'42"	2083180.53	7128524.39	2083224.79	7128536.73

SOUTHERN PINES RD ALIGNMENT
5+53.57 TO 7+71.36

8
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L11)	15+00	17+00	LINE	200.00	----	N88°56'50"E	----	2083229.61	7128798.88	2083323.28	7128998.85

THUNDERBIRD DR END ALIGNMENT
15+00 TO 17+00

9
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L12)	5+59.71	8+59.79	LINE	300.08	----	N68°54'00"E	----	2082920.56	7128708.62	2083028.59	7128988.58
(C16)	8+59.79	9+52.34	CURVE RIGHT	92.54	620.00	----	8°33'08"	2083028.59	7128988.58	2083055.35	7129077.08
(C17)	9+52.34	10+40.13	CURVE RIGHT	87.79	500.00	----	10°03'35"	2083055.35	7129077.08	2083066.82	7129164.00
(C18)	10+40.13	12+03.84	CURVE LEFT	163.72	400.00	----	23°27'03"	2083066.82	7129164.00	2083106.74	7129321.60

MEADOW VALE DR S ALIGNMENT
5+59.71 TO 12+03.84

10
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C19)	22+43.27	24+56.78	CURVE RIGHT	213.51	160.00	----	76°27'22"	2082875.56	7129221.43	2082810.10	7129408.31
(L13)	24+56.78	24+88.59	LINE	31.81	----	S32°27'59"E	----	2082810.10	7129408.31	2082783.26	7129425.38
(C20)	24+88.59	25+14.87	CURVE RIGHT	26.28	100.00	----	15°03'31"	2082783.26	7129425.38	2082759.50	7129436.43

CRYSTAL AIR DR ALIGNMENT
22+43.27 TO 25+14.87

11
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C21)	11+95.96	14+39.29	CURVE RIGHT	243.33	500.00	----	27°53'01"	2082820.61	7129529.67	2082975.60	7129714.14

SKYLINE DR ALIGNMENT
11+95.96 TO 14+39.29

12
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L14)	25+11.73	30+86.90	LINE	575.17	----	N45°05'15"E	----	2083337.11	7129775.47	2083779.19	7130182.80

THUNDERBIRD DR MID ALIGNMENT
25+11.73 TO 30+86.90

13
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L15)	27+15.58	28+44.18	LINE	128.60	----	S66°24'35"E	----	2084313.91	7130161.76	2084262.45	7130279.61

PEBBLE BEACH RD ALIGNMENT
27+15.58 TO 28+44.18

14
SC-4

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L18)	10+91.96	11+42.02	LINE	50.05	----	S18°05'18"E	----	2086343.53	7130325.44	2086295.95	7130340.98
(L19)	11+42.02	12+94.89	LINE	152.87	----	S35°57'29"E	----	2086295.95	7130340.98	2086172.21	7130430.74
(C24)	12+94.89	13+12.40	CURVE LEFT	17.51	15.00	----	66°54'07"	2086172.21	7130430.74	2086166.40	7130446.22
(L20)	13+12.40	13+15.29	LINE	2.89	----	N77°08'25"E	----	2086166.40	7130446.22	2086167.04	7130449.04
(L21)	13+15.29	13+17.74	LINE	2.45	----	S47°29'21"E	----	2086167.04	7130449.04	2086165.38	7130450.84
(L22)	13+17.74	13+78.45	LINE	60.71	----	S47°29'21"E	----	2086165.38	7130450.84	2086124.36	7130495.60
(L23)	13+78.45	13+90.74	LINE	12.28	----	S8°33'51"W	----	2086124.36	7130495.60	2086112.21	7130493.77
(L24)	13+90.74	14+07.15	LINE	16.41	----	S3°01'31"E	----	2086112.21	7130493.77	2086095.83	7130494.63
(L25)	14+07.15	14+24.31	LINE	17.17	----	S22°30'03"E	----	2086095.83	7130494.63	2086079.97	7130501.20

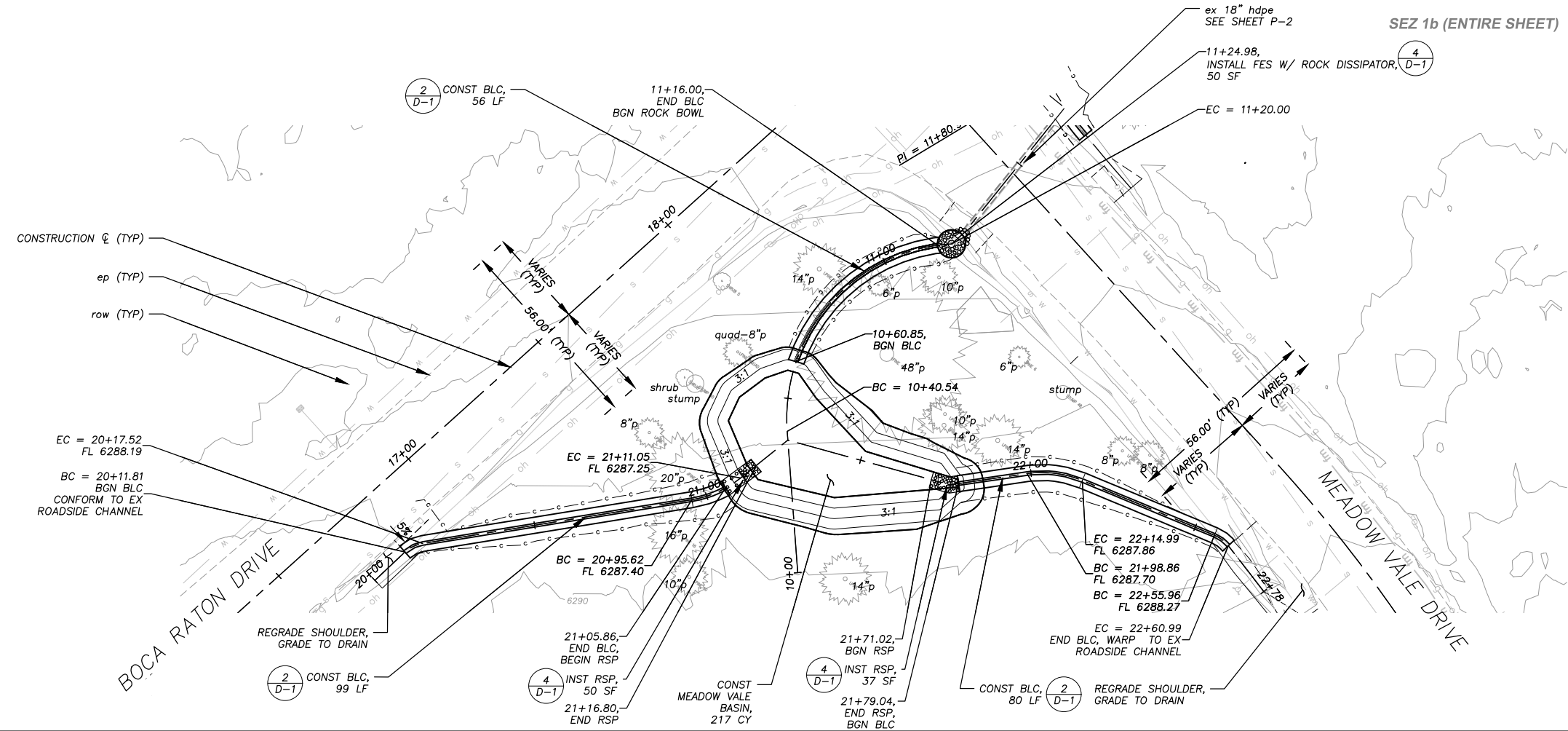
ELKS CLUB DR BEHIND CURB ALIGNMENT
10+91.96 TO 14+24.31

15
SC-4

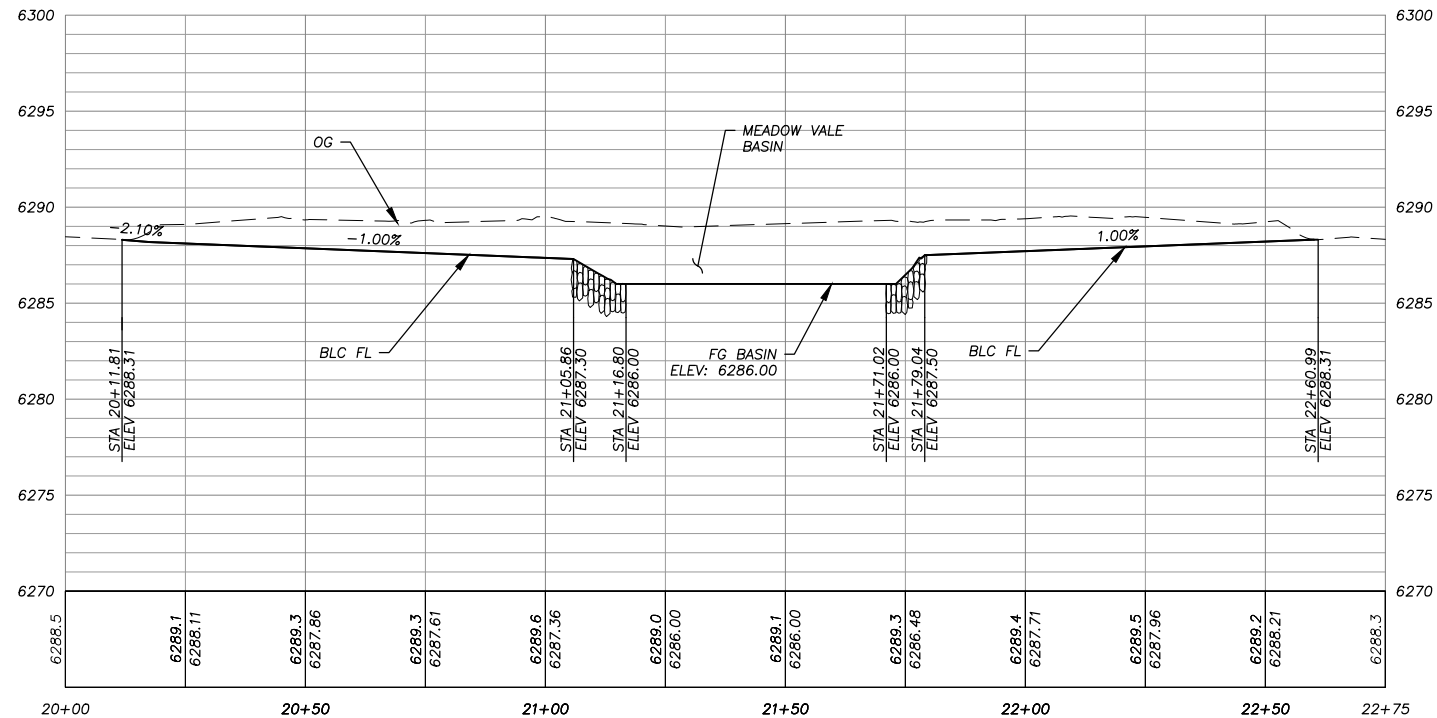
NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L26)	10+00	10+26.96	LINE	26.96	----	N53°00'51"E	----	2085523.03	7129764.03	2085539.25	7129785.57
(C25)	10+26.96	10+61.19	CURVE RIGHT	34.23	182.45	----	10°45'03"	2085539.25	7129785.57	2085551.17	7129814.68
(L27)	10+61.19	10+76.64	LINE	15.45	----	N63°45'54"E	----	2085551.17	7129814.68	2085564.00	7129824.54
(C26)	10+76.64	10+97.19	CURVE RIGHT	20.55	120.21	----	9°47'43"	2085564.00	7129824.54	2085571.46	7129847.66
(L28)	10+97.19	11+28.01	LINE	30.82	----	N73°33'37"E	----	2085571.46	7129847.66	2085580.19	7129877.22
(C27)	11+28.01	11+51.65	CURVE LEFT	23.64	69.77	----	19°24'40"	2085580.19	7129877.22	2085590.55	7129896.34
(L29)	11+51.65	11+62.39	LINE	10.74	----	N54°08'57"E	----	2085590.55	7129896.34	2085596.84	7129907.04
(C28)	11+62.39	11+76.57	CURVE LEFT	14.18	40.87	----	19°52'32"	2085596.84	7129907.04	2085606.95	7129916.88
(L30)	11+76.57	12+21.02	LINE	44.45	----	N34°16'25"E					

!! WARNING !!
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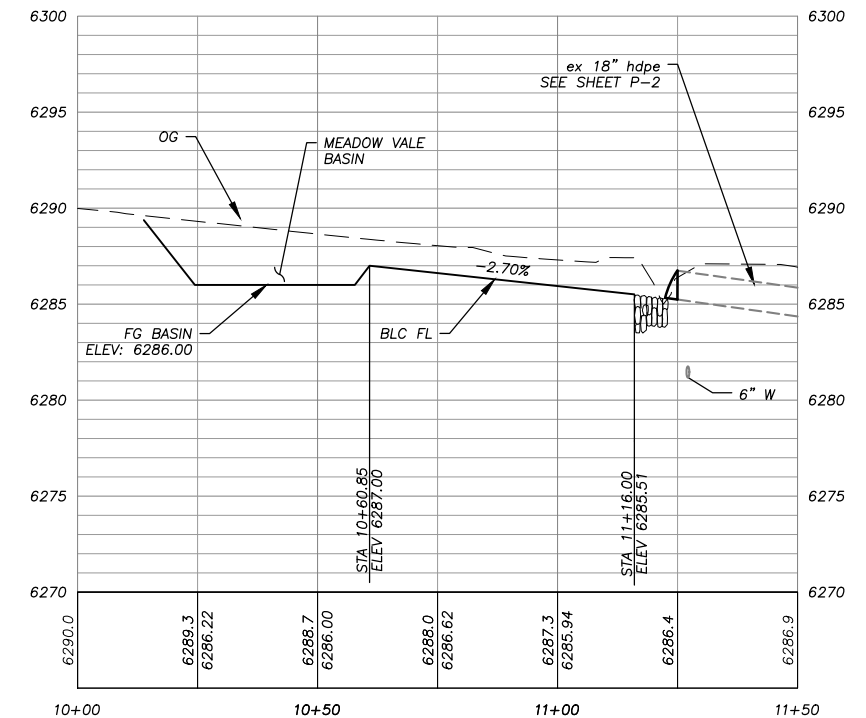
NOTE:
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PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



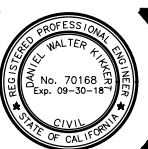
MEADOW VALE BASIN AND BLANKET-LINED INLET CHANNELS



MEADOW VALE BASIN AND BLANKET-LINED OUTLET CHANNEL

Drawing name: \\D:\projects\18-0225\18-0225-01\18-0225-01.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 2/2018
 ROAD NUMBER: ---



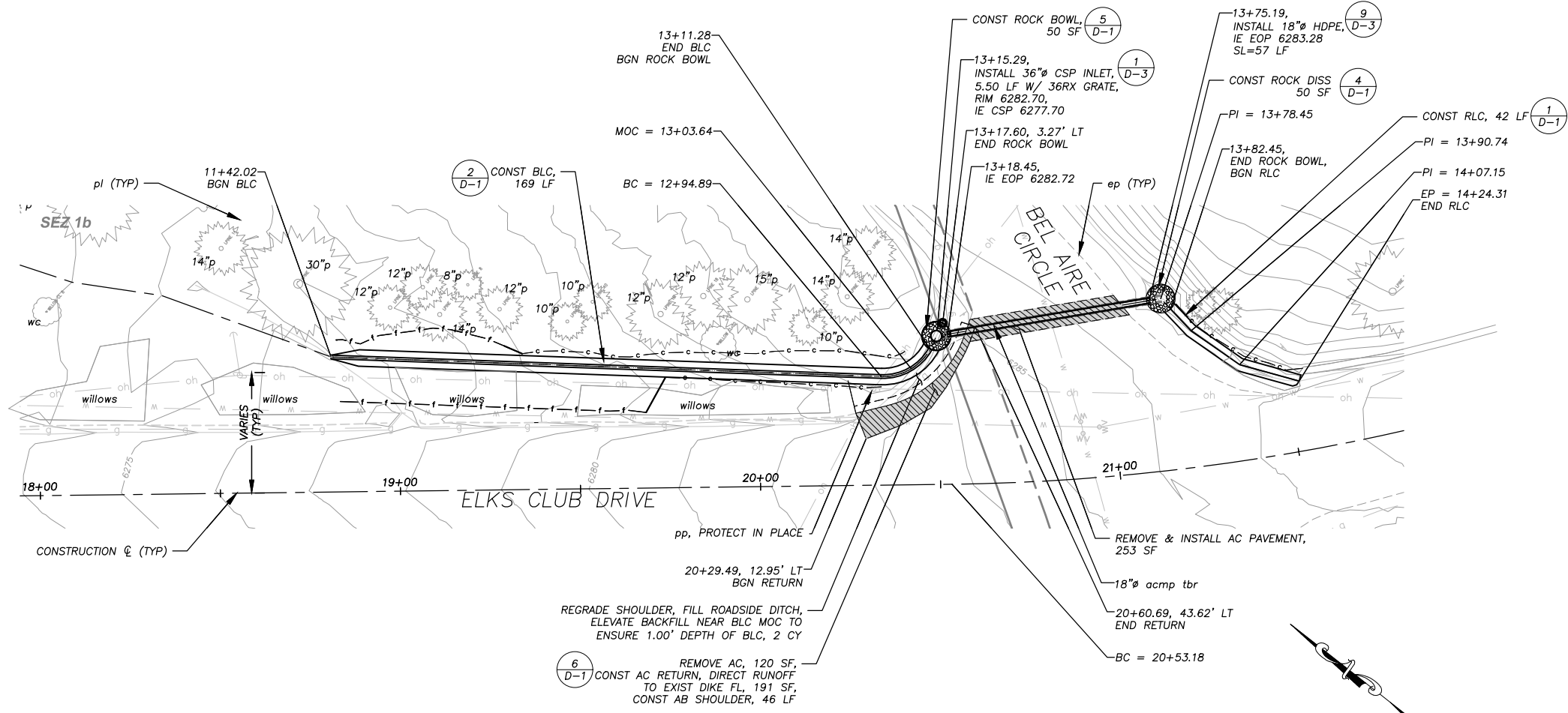
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 MEADOW VALE DR & BOCA RATON, CTC BASIN

SHEET
P-1
 8 OF 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

!! WARNING !!

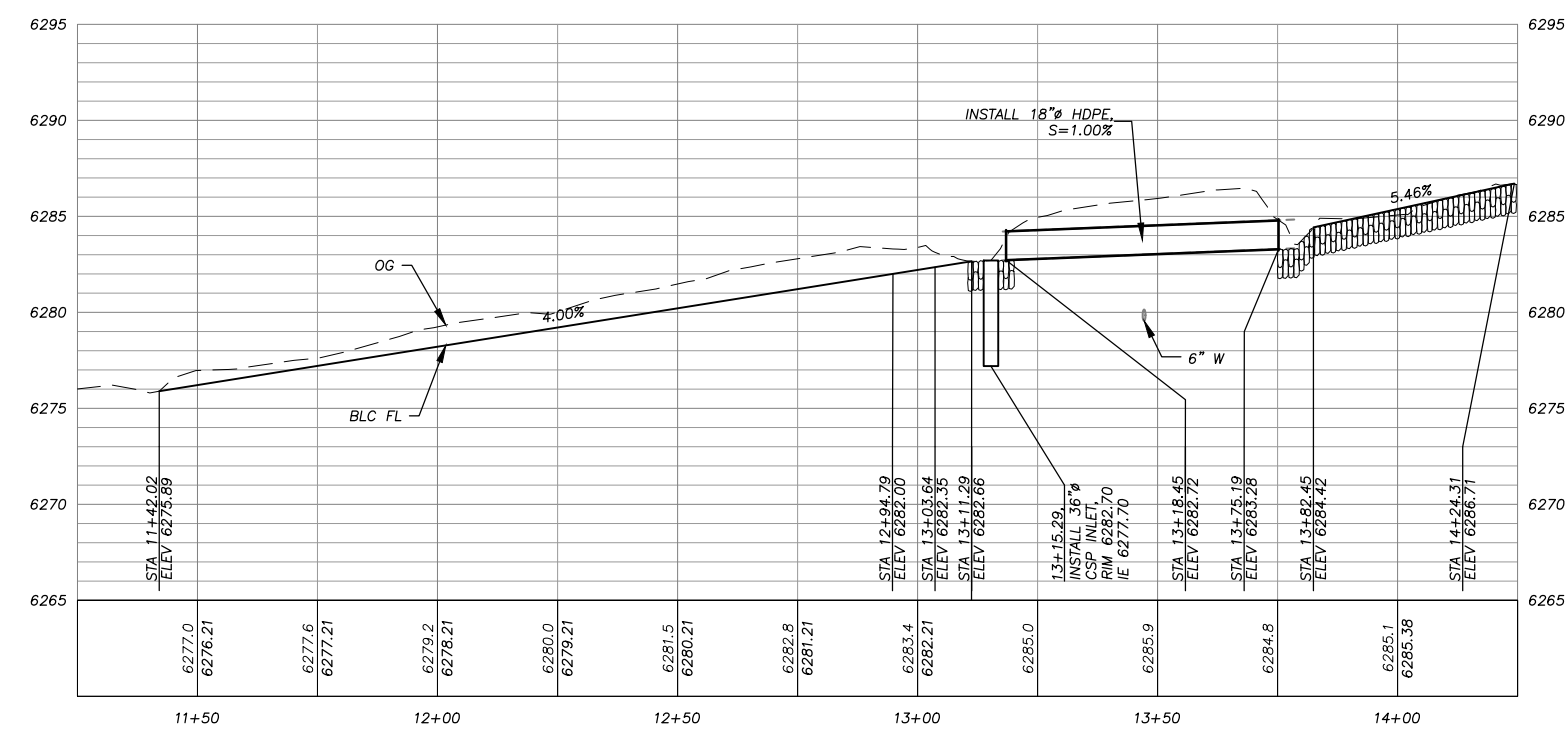
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NOTE: REMOVE AND/OR TRIM WILLOWS WHERE REQUIRED FOR CONSTRUCTION

PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 5'



BLC IMPROVEMENTS
STA 11+42 TO 14+24

Drawing name: \\D:\projects\17-0311\17-0311-01\17-0311-01.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: FEBRUARY 28, 2018

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

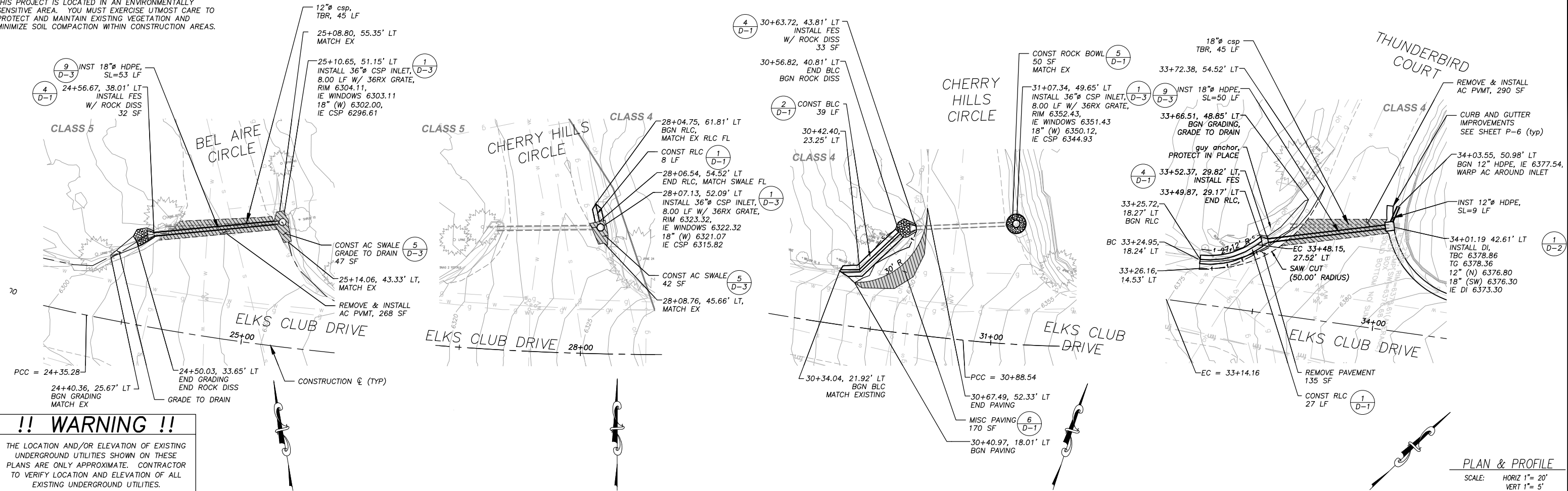


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

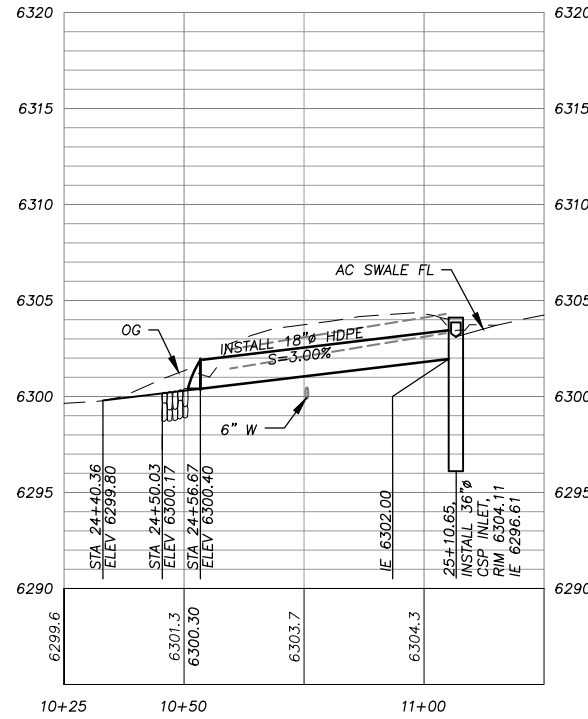
COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
ELKS CLUB DR & BEL AIRE CIR

SHEET
P-4
11 of 26
CONTRACT NO.
PW 17-31166
CIP No.
95191

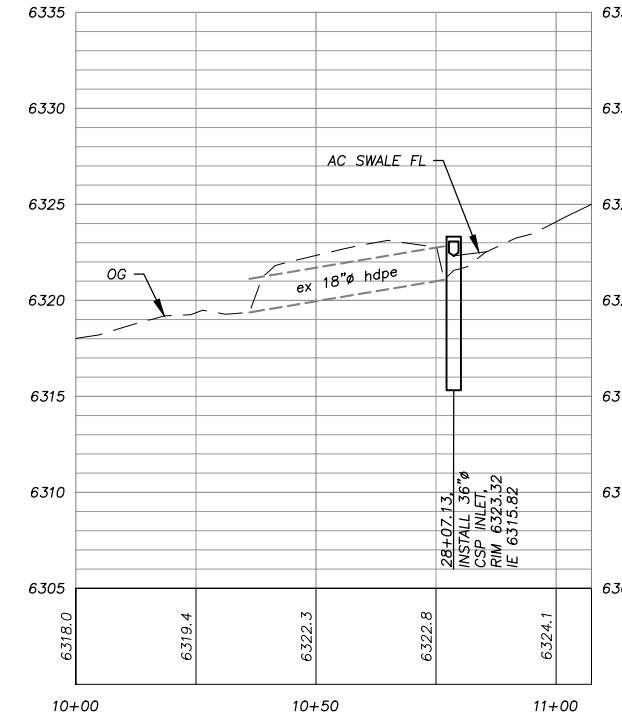
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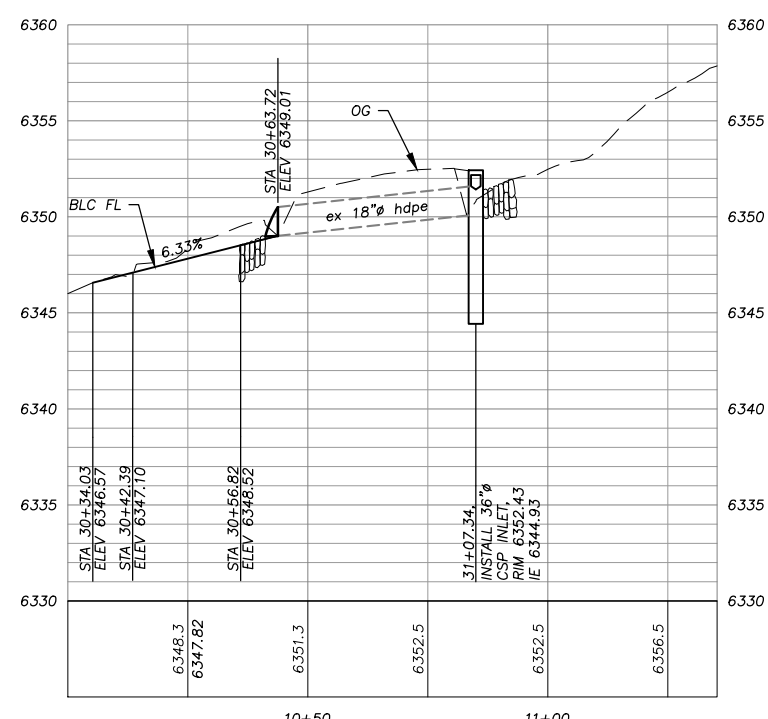
PLAN & PROFILE
SCALE: HORIZ 1"= 20'
VERT 1"= 5'



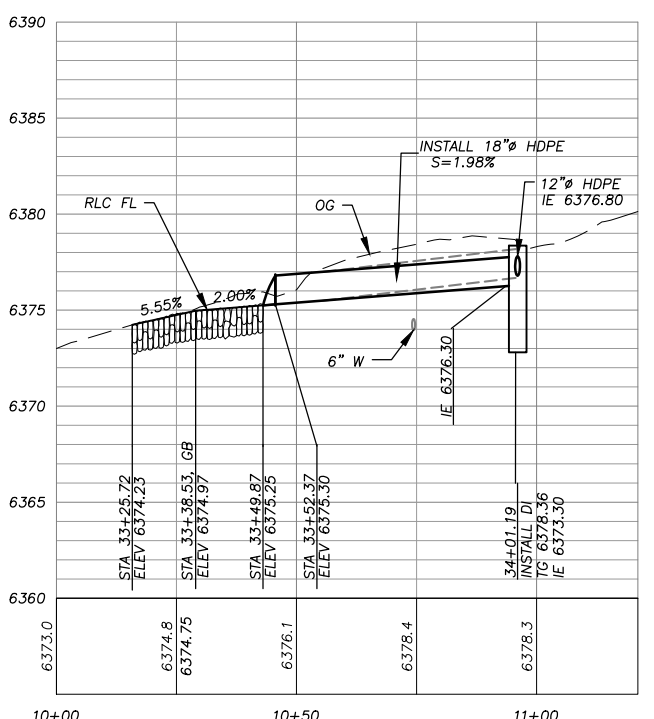
BEL AIRE CIRCLE PIPE CROSSING



CHERRY HILLS CIRCLE CSP INLET



CHERRY HILLS CIRCLE PIPE CROSSING



THUNDERBIRD COURT PIPE CROSSING

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: FEBRUARY 28, 2018

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 2/2018
ROAD NUMBER: ---



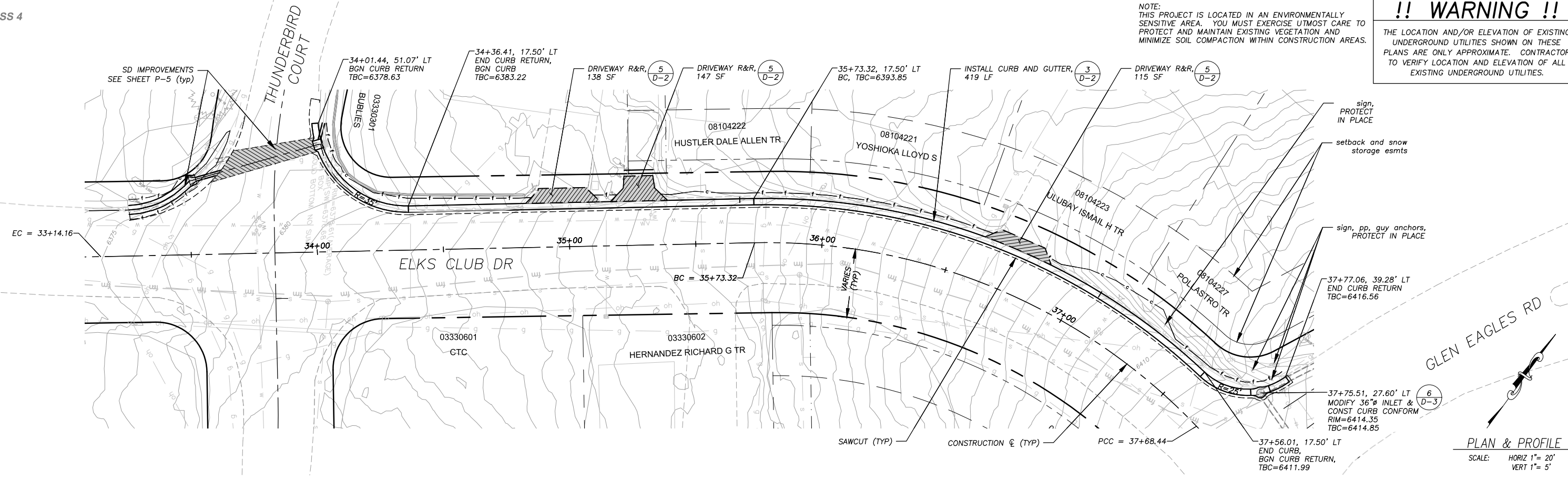
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
ELKS CLUB DR &
BEL AIRE CIR, CHERRY HILLS CIR, THUNDERBIRD CT

SHEET P-5
12 OF 26
CONTRACT NO. PW 17-31166
CIP No. 95191

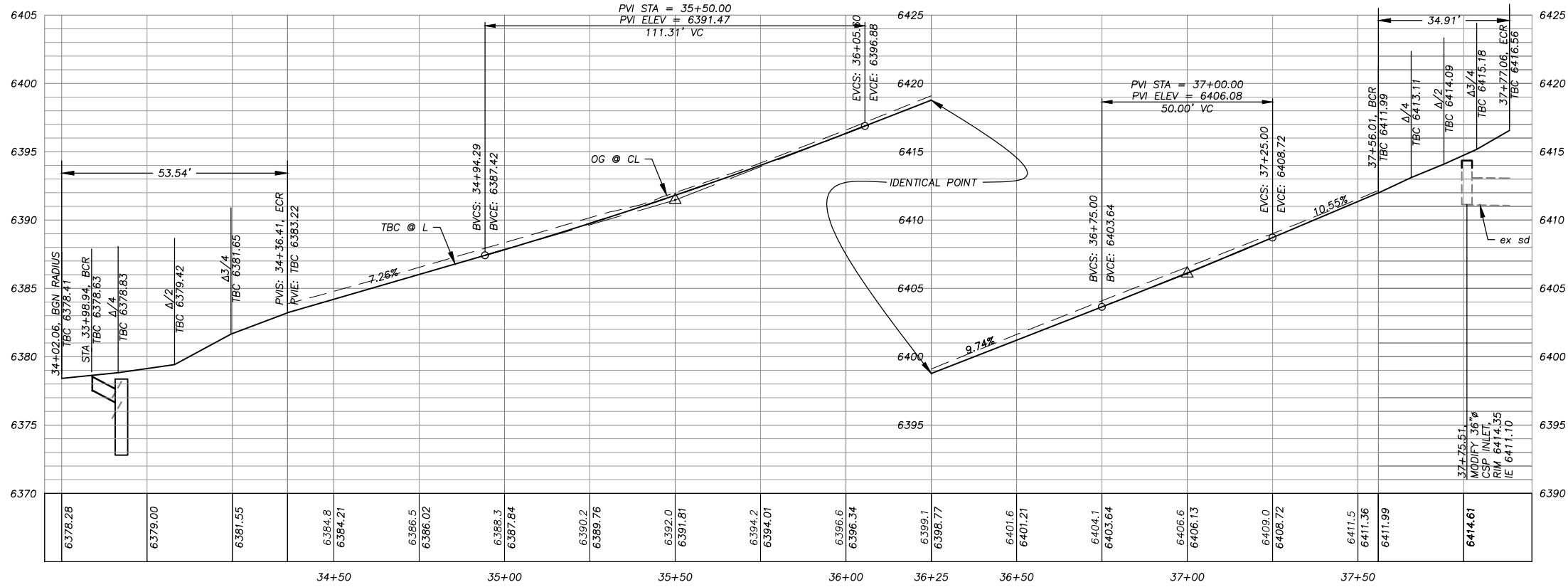
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PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 5'

ELKS CLUB DR CURB STA 34+00 TO STA 38+00



ELKS CLUB DR CURB STA 34+00 TO STA 38+00

DRAWING NAME: \\\\D:\projects\18-0225\18-0225-01\Engineering\MP\PLAN\G_C04_P-6 TO P-6.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
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FEBRUARY 28, 2018
DATE:

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 2/2018
ROAD NUMBER: ---



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

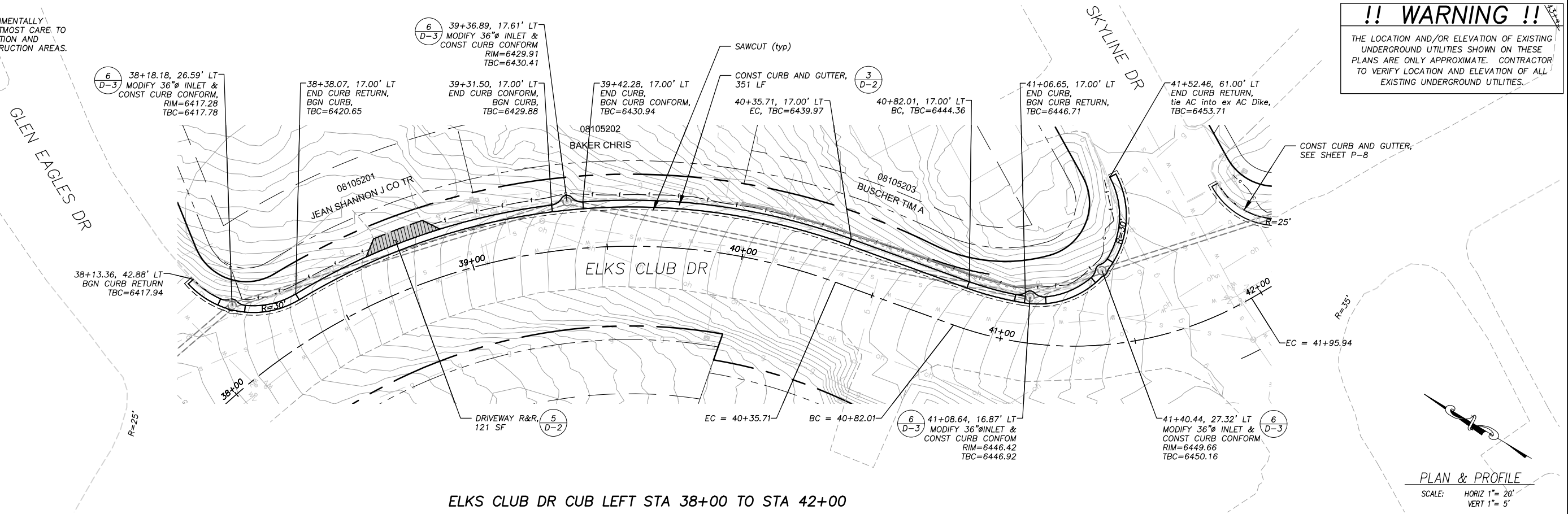
COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
ELKS CLUB DR
THUNDERBIRD COURT TO GLEN EAGLES RD

SHEET
P-6
13 OF 26
CONTRACT NO.
PW 17-31166
CIP No.
95191

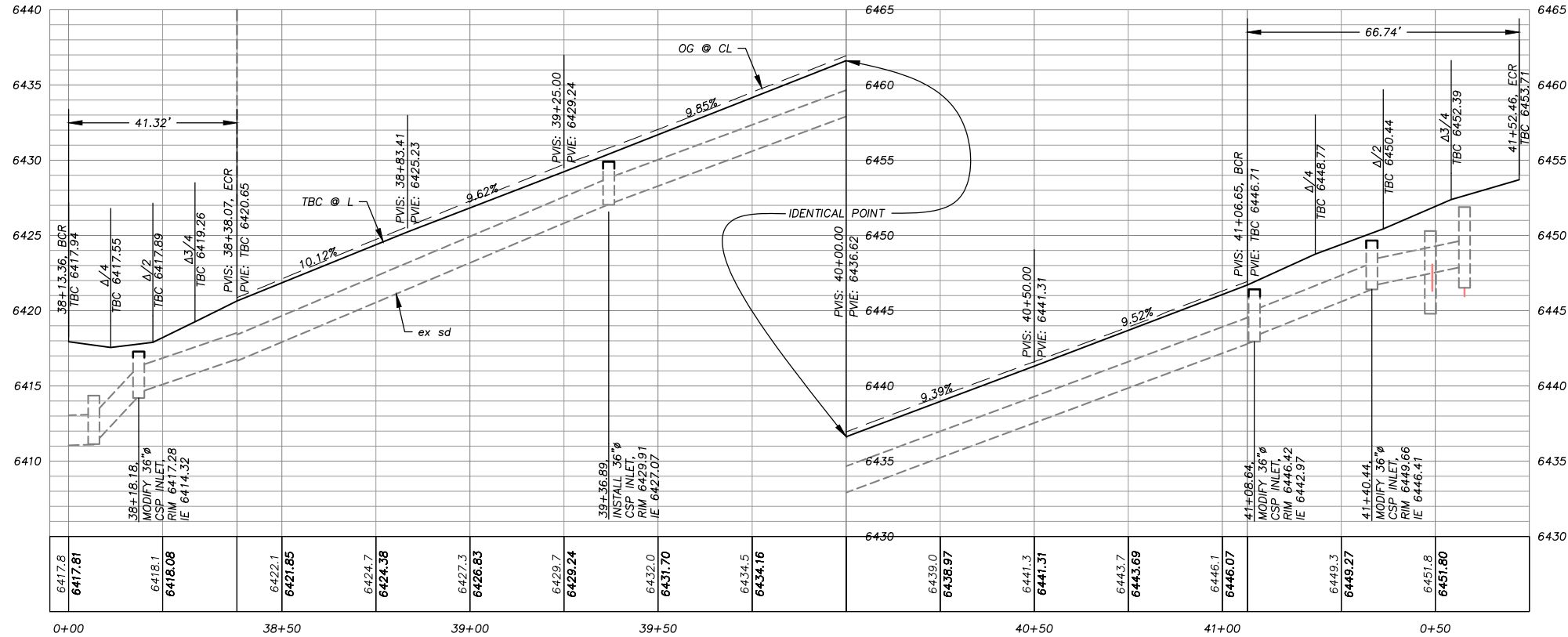
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CLASS 4

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ELKS CLUB DR CURB LEFT STA 38+00 TO STA 42+00



ELKS CLUB DR CURB LEFT STA 38+00 TO 41+75

DRAWING NAME: \\\020605\TD-SLT-Engineering\CIVIL 3D PROJECTS\9519\Engineering\NPL\N&S COI P-6 TO P-8.dwg

ORIGINAL SCALE IS IN INCHES

FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: **FEBRUARY 28, 2018**

DESIGNED: DMG
CHECKED: DWK
DATE: 2/2018
ROAD NUMBER: ---



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

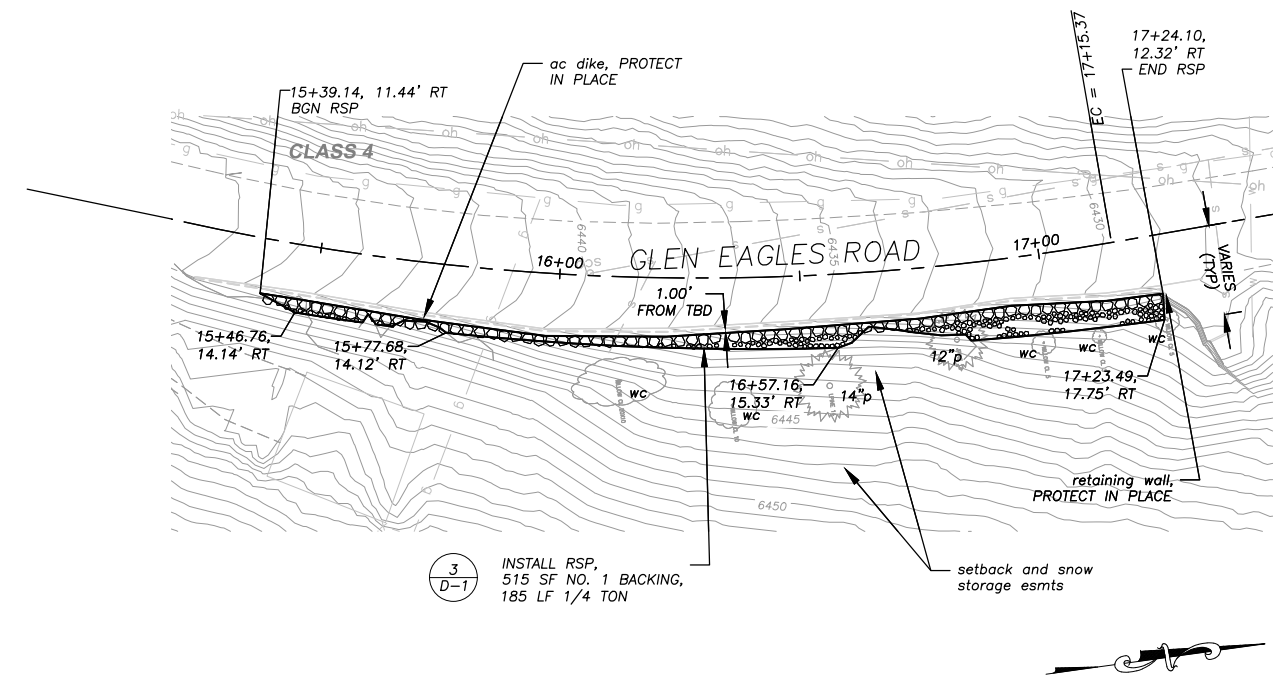
COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
ELKS CLUB DR
GLEN EAGLES RD TO SKYLINE DR

SHEET **P-7**
14 OF 26
CONTRACT NO. **PW 17-31166**
CIP No. **95191**

Drawing name: \\D:\projects\17-31166\17-31166-09\17-31166-09.dwg
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

NOTE:
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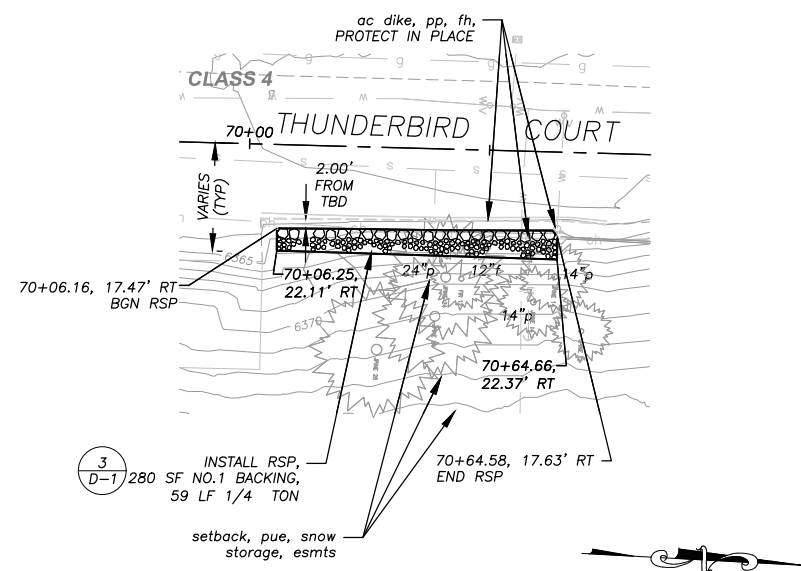
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GLEN EAGLES STA 15+39± TO STA 17+24±

PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 5'

NOTES:
RSP QUANTITIES SHOWN ARE APPROXIMATE. FINAL PAY QUANTITIES WILL BE BASED ON FIELD MEASUREMENTS.
ON SLOPES TO RECEIVE RSP, PROTECT EXISTING ESTABLISHED VEGETATION IN PLACE.
OMIT 1/4 TON ROCK WHERE SHOWN.
EXISTING ROCK ON SLOPES TO RECEIVE RSP THAT MEET ROCK SPECIFICATIONS WILL BE INCORPORATED INTO THE PROPOSED RSP.



THUNDERBIRD STA 70+06± TO STA 70+64±

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: FEBRUARY 28, 2018

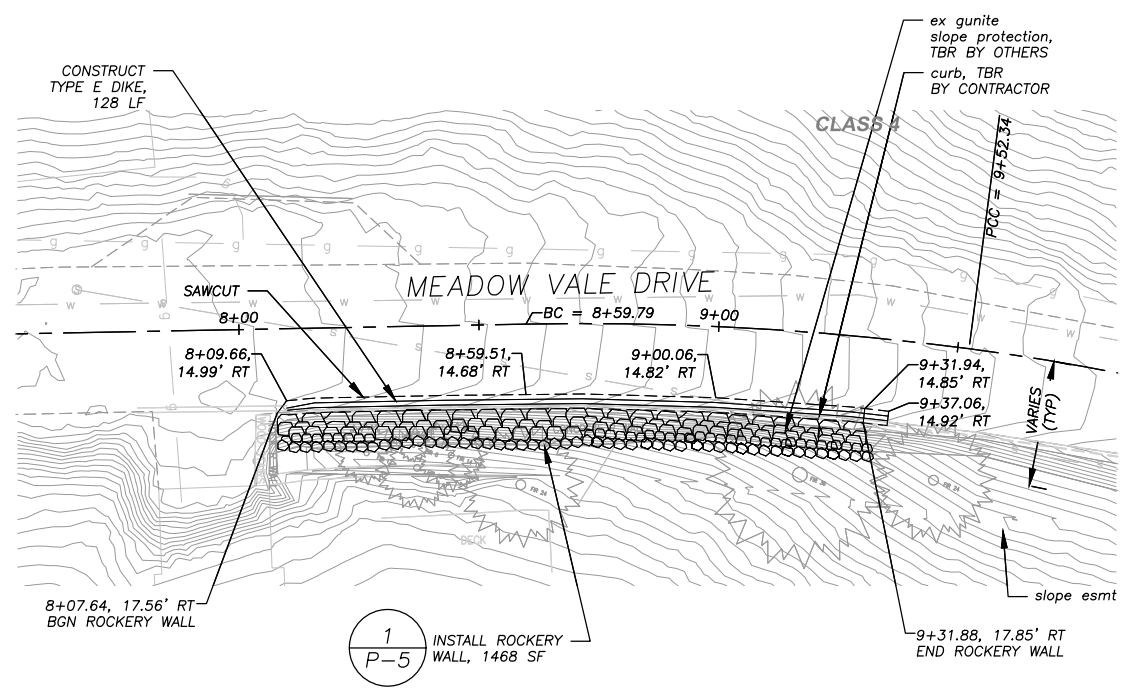
DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 2/2018
ROAD NUMBER: ---



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
GLEN EAGLES RD, THUNDERBIRD CT

SHEET
P-9
16 of 26
CONTRACT NO.
PW 17-31166
CIP No.
95191



MEADOW VALE STA 8+07± TO STA 9+31±

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR CONSTRUCTION ROCK SLOPE PROTECTION AT THIS LOCATION.
2. THE ROCKERY WALL DETAILS AS SHOWN ARE TO BE USED AS A GUIDE. CONTRACTOR SHALL PROVIDE A ROCKERY WALL SUBMITTAL WHICH MEETING THE REQUIREMENTS OF THESE PLANS AND SPECIAL PROVISIONS. ACTUAL DIMENSIONS MAY VARY IN ACCORDANCE WITH DESIGN REQUIREMENTS. ROCKERY WALL SUBMITTAL SHALL BE STAMPED BY A REGISTERED CIVIL ENGINEER IN THE STATE OF CALIFORNIA.
3. UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON THIS PAGE IS INCLUDED IN THE PER SQUARE FOOT PRICE FOR "ROCK SLOPE PROTECTION (ROCKERY WALL, METHOD A)".
4. LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
5. REFER TO THE CONTRACT SPECIFICATIONS AND GEOTECHNICAL REPORT (SUPPLEMENTAL PROJECT INFORMATION) FOR DESIGN PARAMETERS.

STATIONING	SIDE	MAXIMUM HEIGHT, H (FT)	MINIMUM BASE ROCK WIDTH, B (FT)	MAXIMUM CUT SLOPE BATTER V:H 1	ROCKERY (SF)
8+07.64 TO 9+00	RT	12	6	Per Engineer	1116
9+00 TO 9+31.88	RT	11	5.5	Per Engineer	352
TOTAL					1468

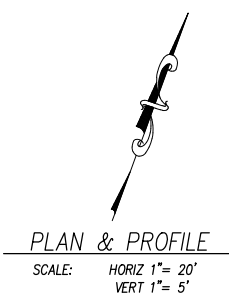
1. See Note 2 above

NOTE: THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. YOU MUST EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

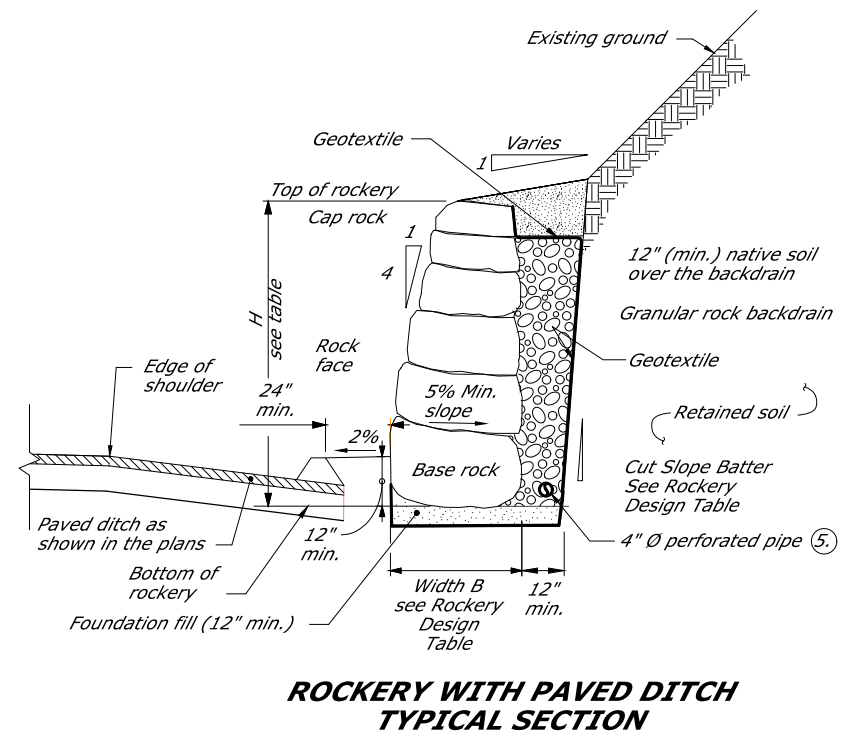
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DRAWING NAME: \\\001\Projects\17-31168\Engineering\MP\PLAN\5 COI P-1 TO P-5 AND P-9 TO P-11.dwg

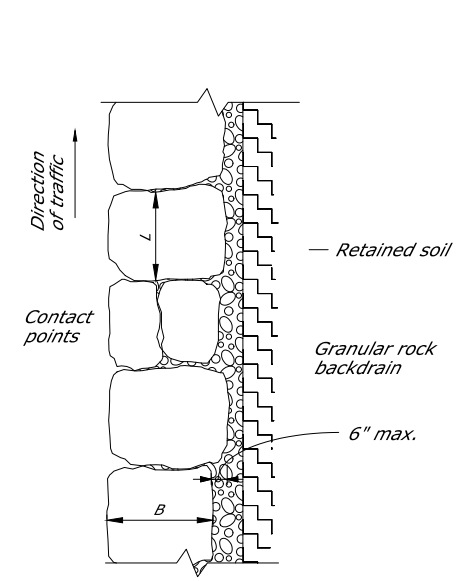
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



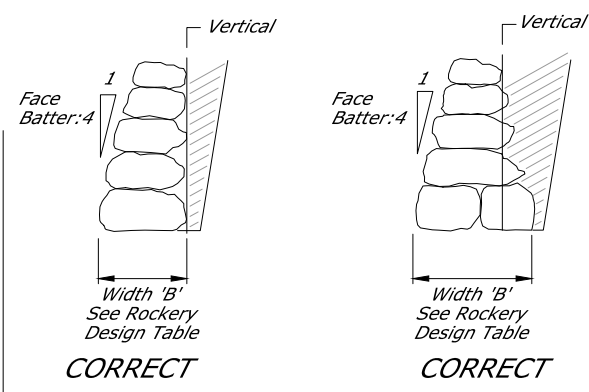
PLAN & PROFILE



ROCKERY WITH PAVED DITCH
TYPICAL SECTION

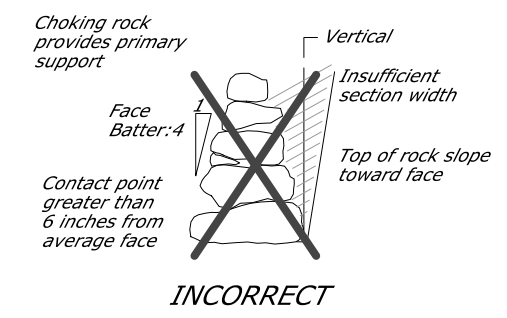


BASE ROCK
PLAN VIEW
See Note 2

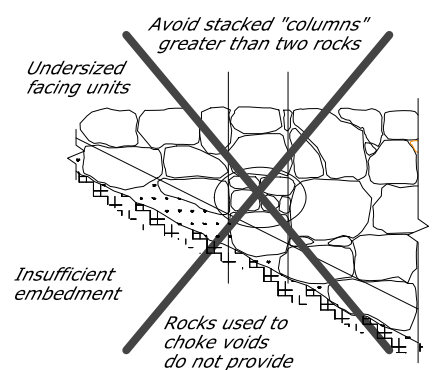


CORRECT CORRECT

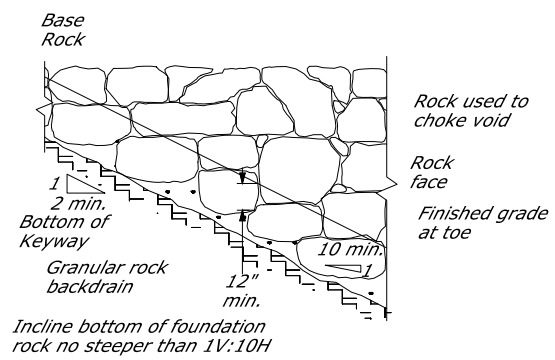
SECTION PROPERTIES



INCORRECT



INCORRECT



CORRECT

PARTIAL TYPICAL PROFILE

ROCKERY WALL WITH AC DIKE

NTS

1
P-5

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
DATE:

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 2/2018
ROAD NUMBER: ---

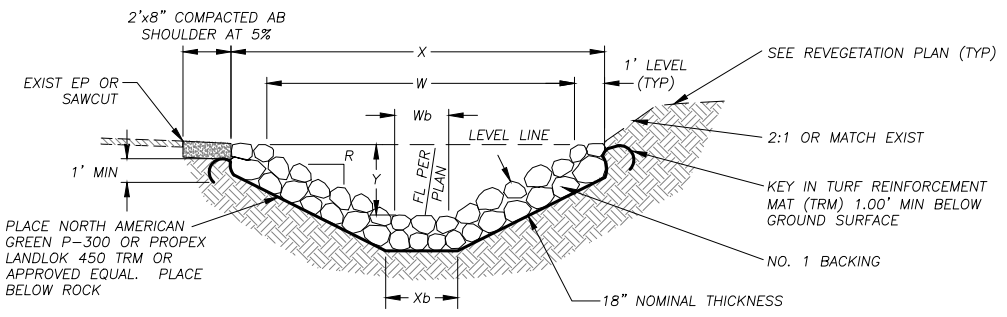


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
MEADOW VALE DR
ROCKERY WALL

SHEET
P-11
18 OF 26
CONTRACT NO.
PW 17-31168
CIP No.
95191

ORIGINAL SCALE IS IN INCHES
 2
 1
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 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



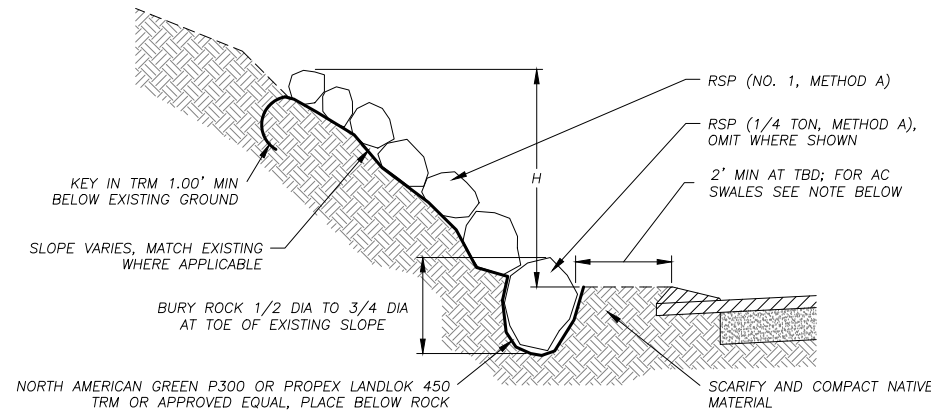
PLAN SHEET	STATIONING	LF	TOP WIDTH, X (EXCAVATION)	TOP WIDTH, W (ROCK FS)	BOTTOM WIDTH, Xb (EXCAVATION)	BOTTOM WIDTH, Wb (ROCK FS)	DEPTH, Y	SLOPE RATIO, R
P-4	13+82.45 TO 14+24.31	42	5.58'	3.58'	0	0	0.90'	2:1
P-5	28+04.75 TO 28+06.54	8	5.58'	3.58'	0	0	0.90'	2:1
P-5	33+25.72 TO 33+52.37	27	5.58'	3.58'	0	0	0.90'	2:1

NOTE:
 "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTIONS FOR GRADING LIMITS.

ROCK-LINED CHANNEL (RLC)

NTS

1
D-1



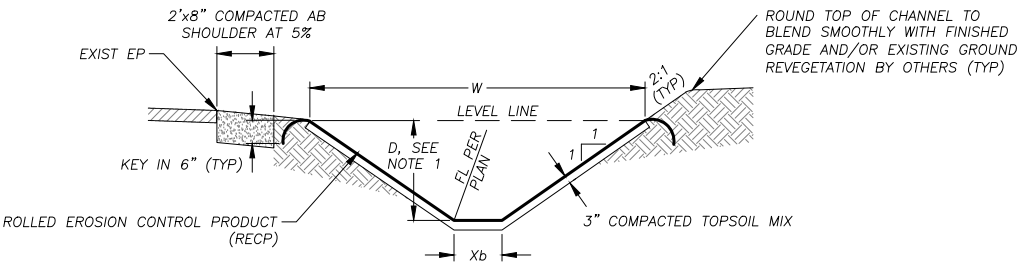
PLAN SHEET	STREET AND STATIONING	AVERAGE HEIGHT, H	SLOPE RATIO, R
P-9	GLEN EAGLES 15+39.14 TO 17+24.10	2'± TO 5'±	1.5:1±
P-9	THUNDERBIRD 70+06.16 TO 70+64.66	3'±	2:1±
P-10	SOUTHERN PINES 5+87.50 TO 7+32.33	6'±	1.5:1±
P-10	THUNDERBIRD 15+43.64 TO 16+74.16	10'±	1.5:1±
P-10	MEADOW VALE 10+83.53 TO 11+20.44	8'±	1.5:1±
P-10	PEBBLE BEACH 27+33.62 TO 28+08.54	3'±	3:1±
P-10	CRYSTAL AIR 23+24.62 TO 23+45.42	1'±	2.5:1±
P-10	CRYSTAL AIR 23+63.36 TO 24+93.29	2'±	2.5:1±
P-10	SKYLINE 12+78.27 TO 13+29.62	1'±	2:1±
P-10	THUNDERBIRD 29+75.56 TO 29+94.49	11'±	1:1±
P-10	THUNDERBIRD 43+68.83 TO 44+00.88	3'±	1.5:1±

NOTE:
 SETBACK FROM ROCK AND EDGE OF AC SWALES AND TRANSITIONS WILL BE 1' AT ALDER/10TH AND 0' AT 9TH/ALDER AND 9TH/OAK.

ROCK SLOPE PROTECTION

NTS

3
D-1



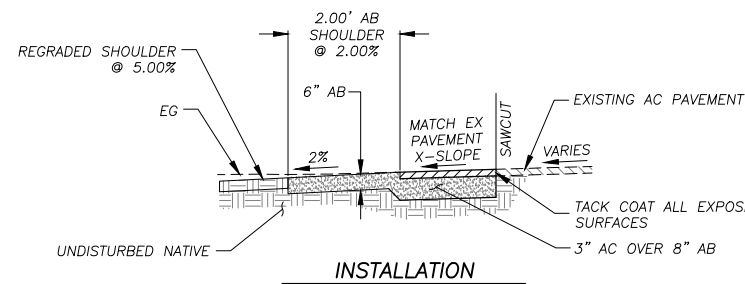
PLAN SHEET	STATIONING	LF	TOP WIDTH, W	BOTTOM WIDTH, Xb	DEPTH, D	SLOPE RATIO, R
P-1	20+11.81 TO 21+05.86	99	4.58'	1.00'	0.90'	2:1
P-1	21+79.04 TO 22+60.99	80	4.58'	1.00'	0.90'	2:1
P-1	10+60.85 TO 11+16.00	56	4.58'	1.00'	0.90'	2:1
P-2	25+88.81 TO 25+82.97	5	4.58'	1.00'	0.90'	2:1
P-2	MV 25+75.07 TO BR 19+31.94	39	4.58'	1.00'	0.90'	2:1
P-2	19+48.35 TO 19+65.50	17	4.58'	1.00'	0.90'	2:1
P-3	20+50.28 TO 22+54.56	204	4.58'	1.00'	0.90'	2:1
P-3	10+02.74 TO 11+89.36	187	4.58'	1.00'	0.90'	2:1
P-4	11+42.02 TO 13+11.28	169	4.58'	1.00'	0.90'	2:1
P-5	30+34.04 TO 30+56.82	39	4.58'	1.00'	0.90'	2:1

NOTES:
 1. "D" DEPICTS MIN REQUIRED DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
 2. DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP OF RECP.
 3. SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.
 4. BLANKET TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS

BLANKET-LINED CHANNEL (BLC)

NTS

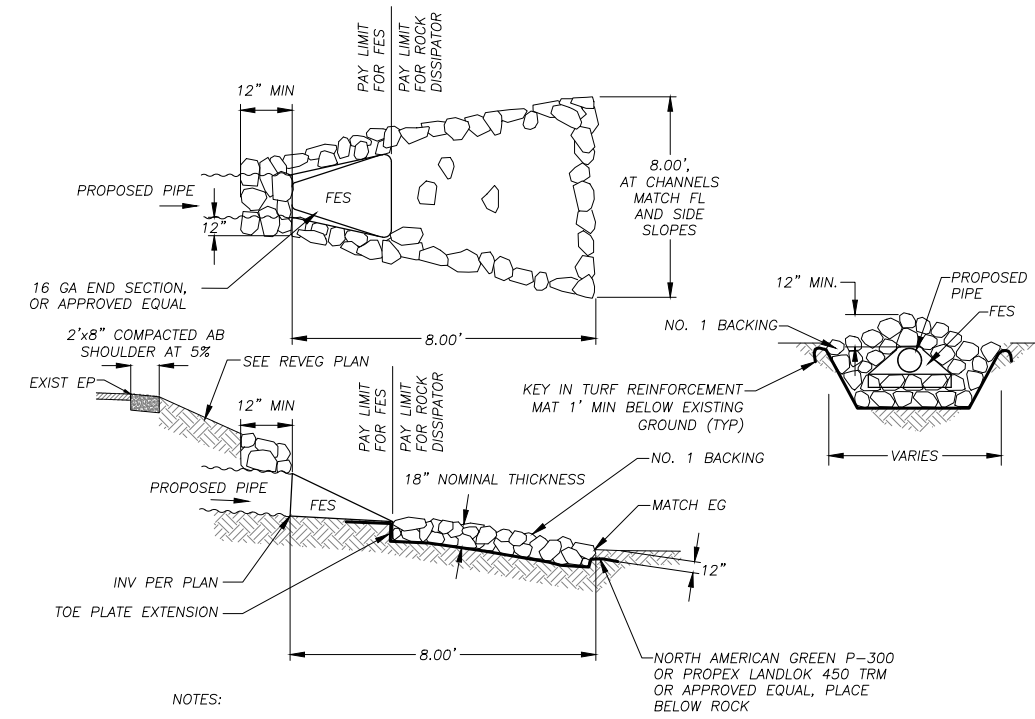
2
D-1



MISC PAVING

NTS

6
D-1

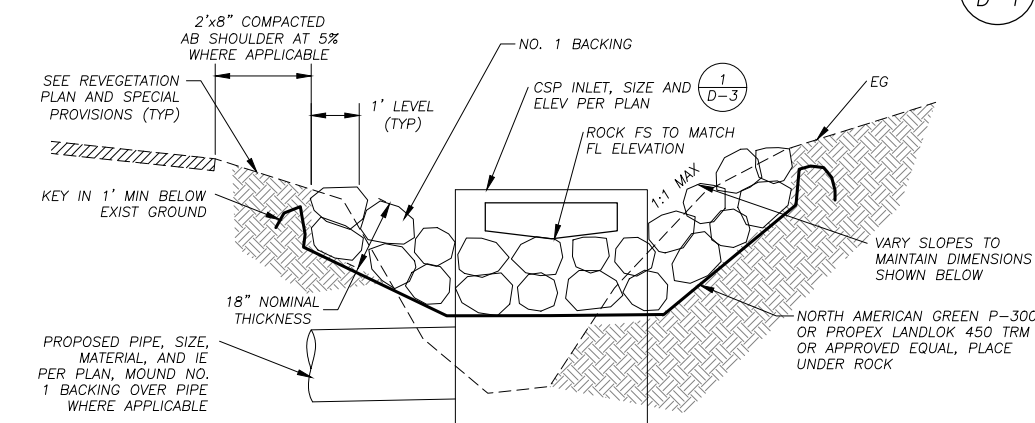


NOTES:
 1. ALL FES SHALL BE GALVANIZED.

FES AND ROCK DISSIPATOR

NTS

4
D-1



ROCK BOWL

NTS

5
D-1



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 2/2018
 ROAD NUMBER: ---

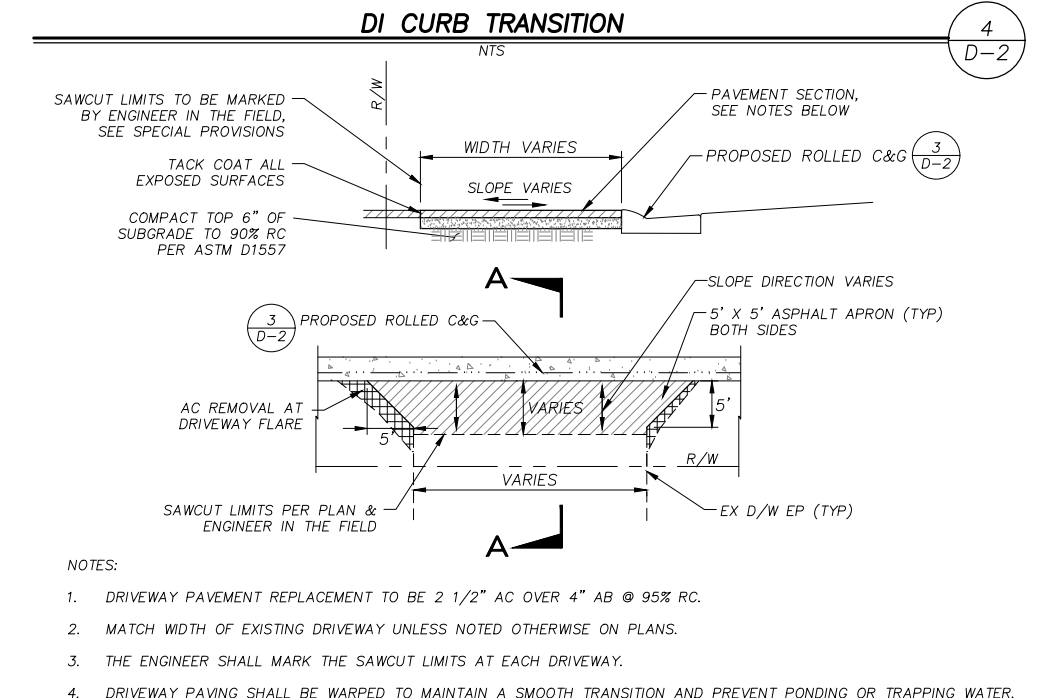
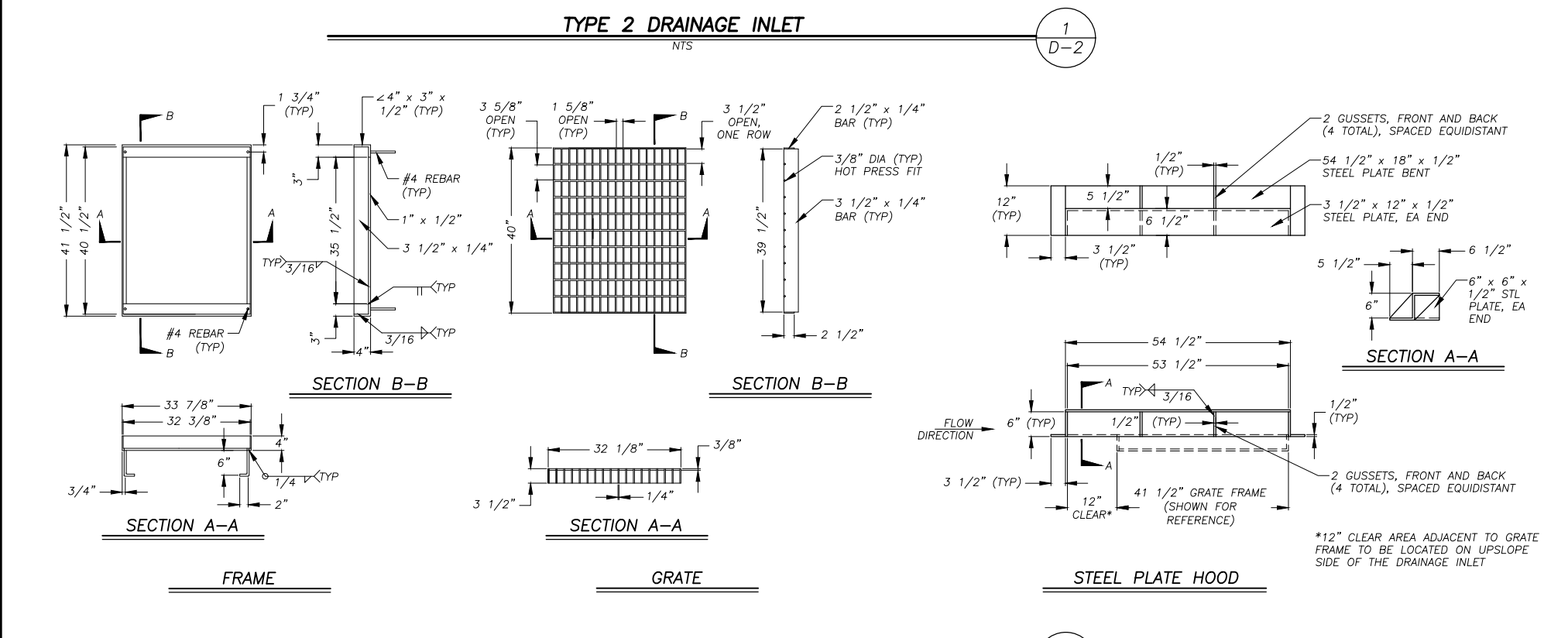
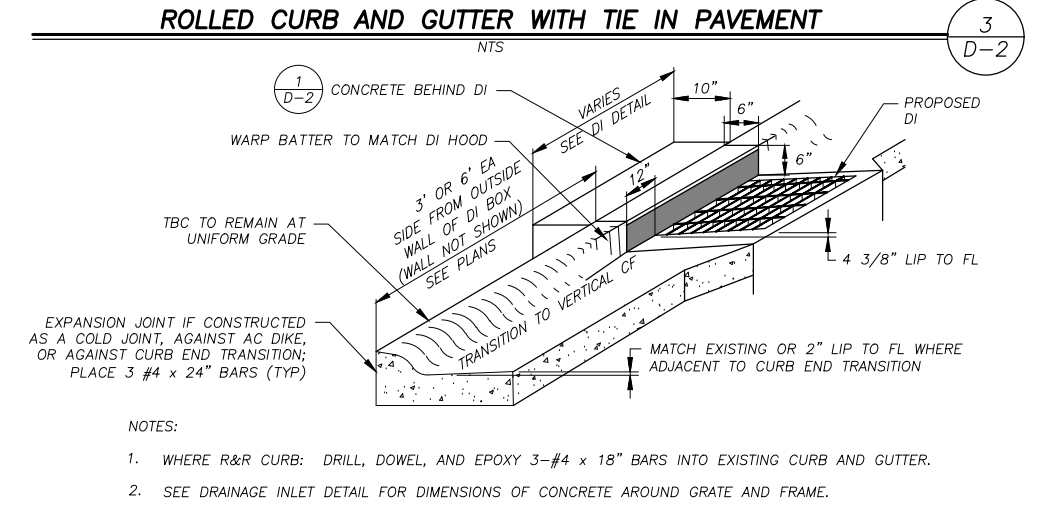
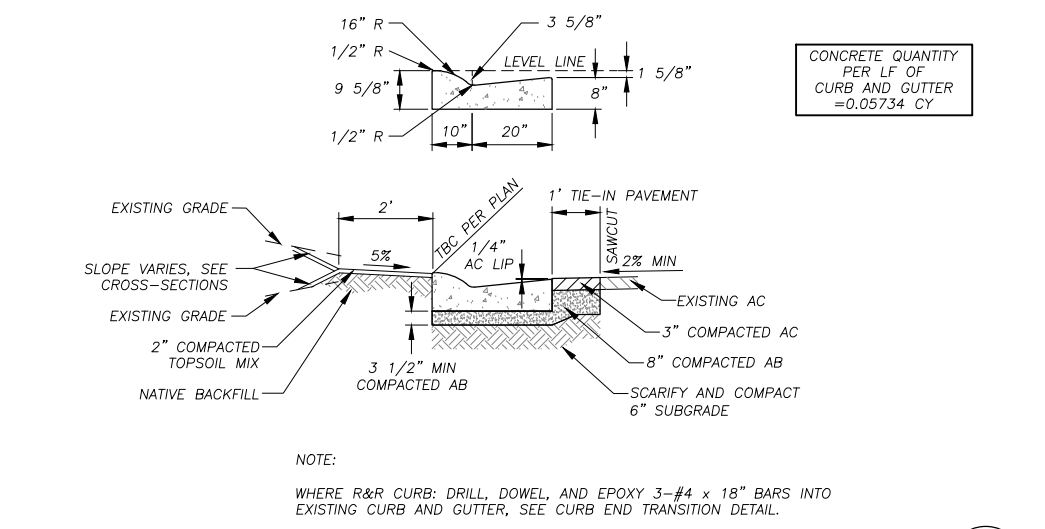
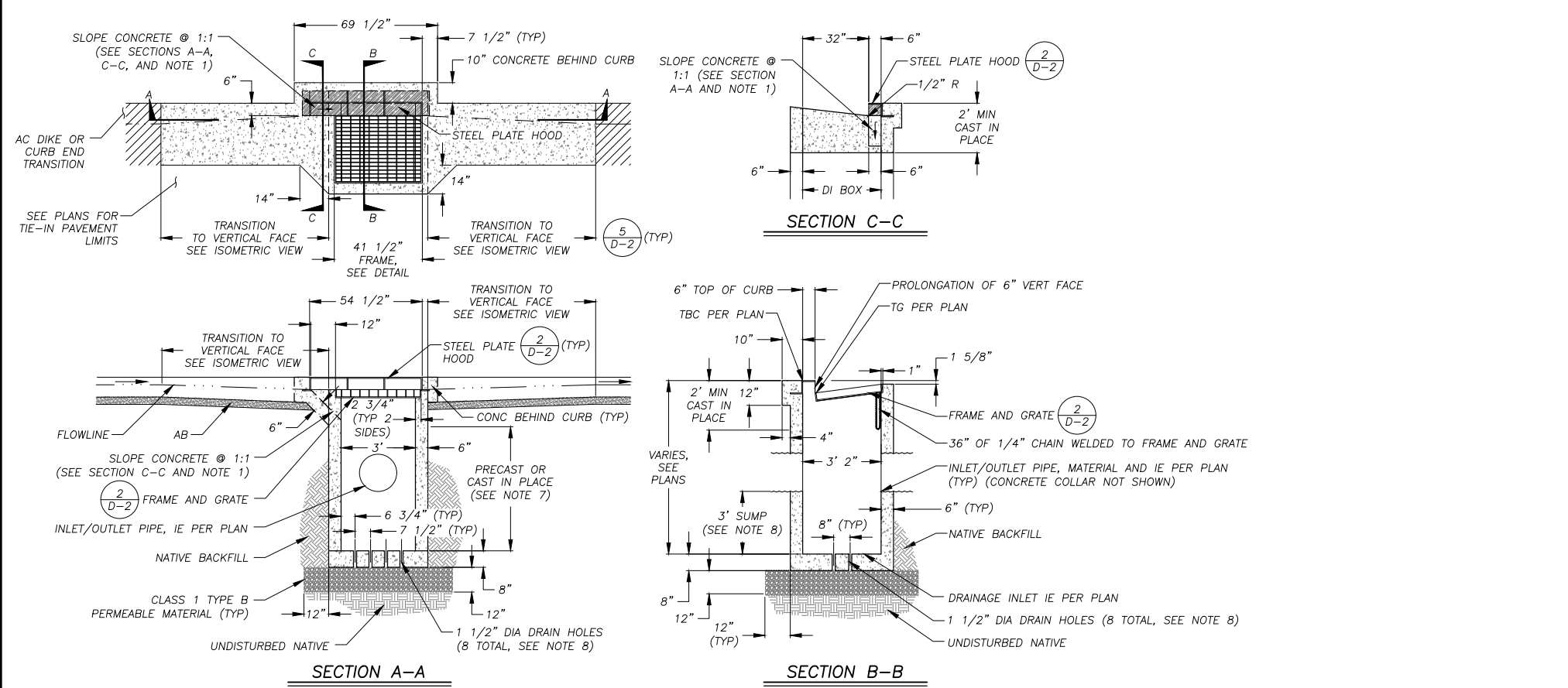


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 DETAIL SHEET

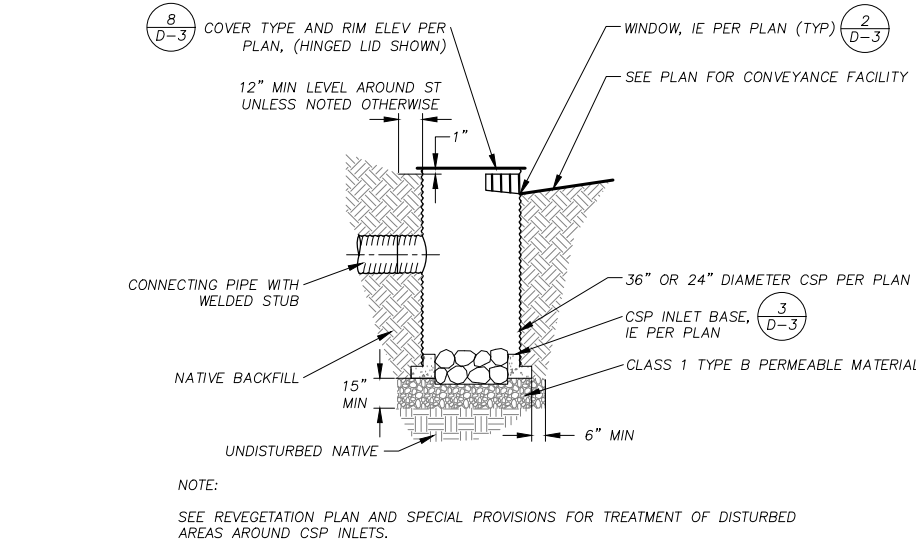
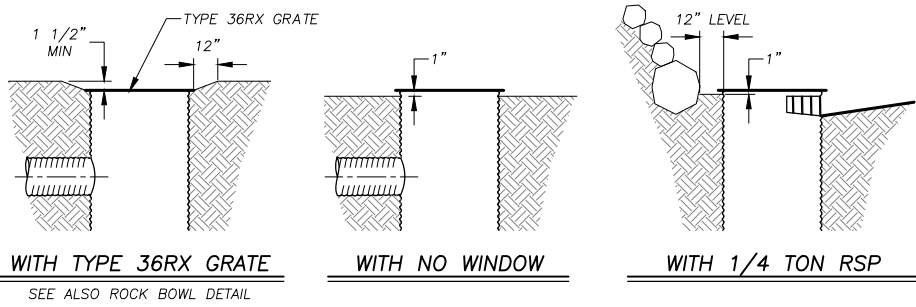
SHEET
D-1
 19 OF 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

DRAWING NAME: \CD\Bdata\517\SLT-Engineering\CIVIL 3D PROJECTS\95191\Engineering\NPL\AN\15-15 ECH D-1 D-3.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

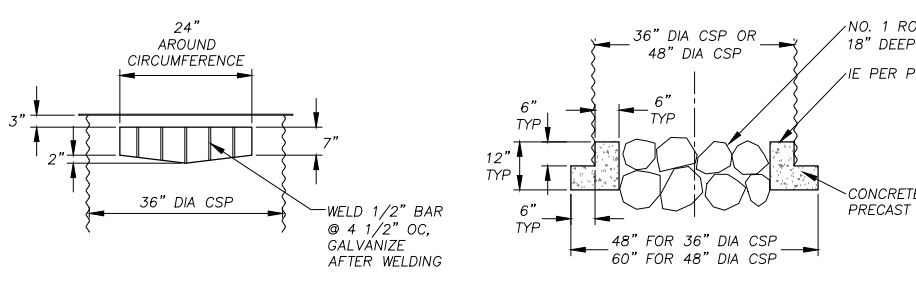


<p>REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NUMBER</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NUMBER	DATE	DESCRIPTION	BY						<p>PREPARED UNDER THE SUPERVISION OF:</p> <p>REGISTERED CIVIL ENGINEER FEBRUARY 28, 2018</p>	<p>DESIGNED: DMG DRAWN: DMG CHECKED: DWK DATE: 2/2018</p>	<p>COUNTY OF EL DORADO COMMUNITY DEVELOPMENT SERVICES DEPARTMENT OF TRANSPORTATION</p>	<p>COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT DETAIL SHEET</p>	<p>SHEET D-2 20 OF 26 CONTRACT NO. PW 17-31166 CIP No. 95191</p>
NUMBER	DATE	DESCRIPTION	BY											

DRAWING NAME: \CD\BATS\517-SL-Engineering\CIVIL_3D_PROJECTS\95191\Engineering\NPL\AN13-15 CCH D-1 D-3.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS

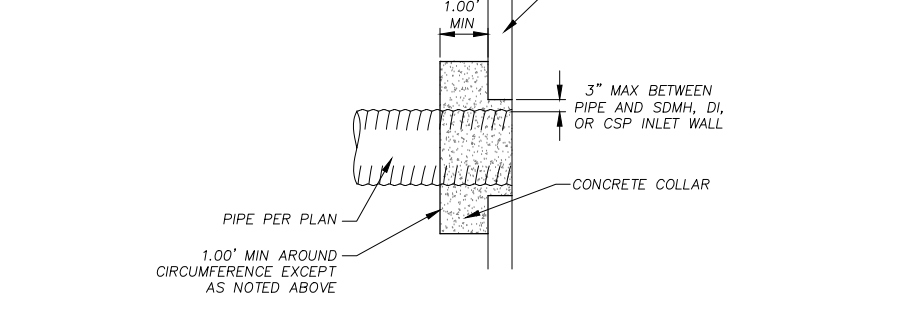


CSP INLET
 NTS
 1
 D-3

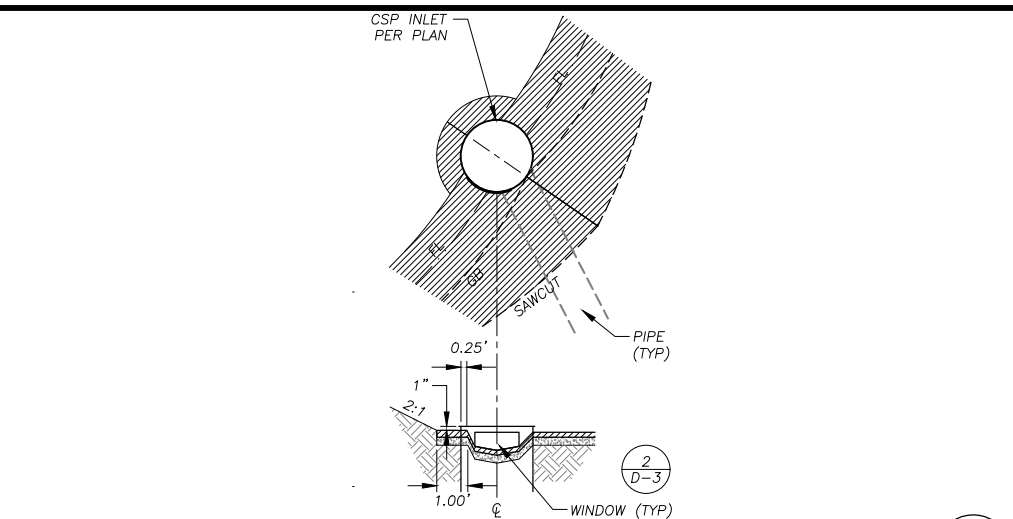


CSP INLET WINDOW
 NTS
 2
 D-3

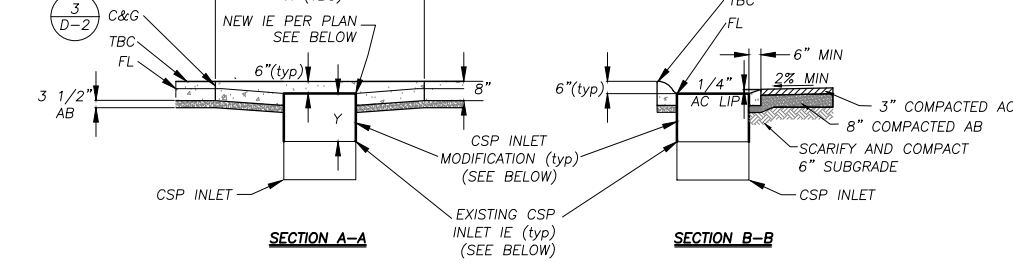
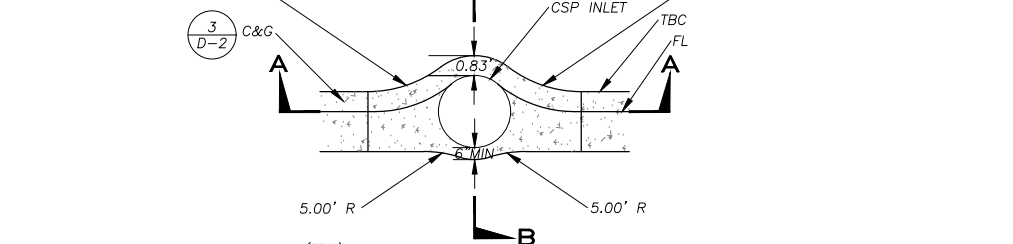
CSP INLET BASE
 NTS
 3
 D-3



CONCRETE COLLAR
 NTS
 4
 D-3

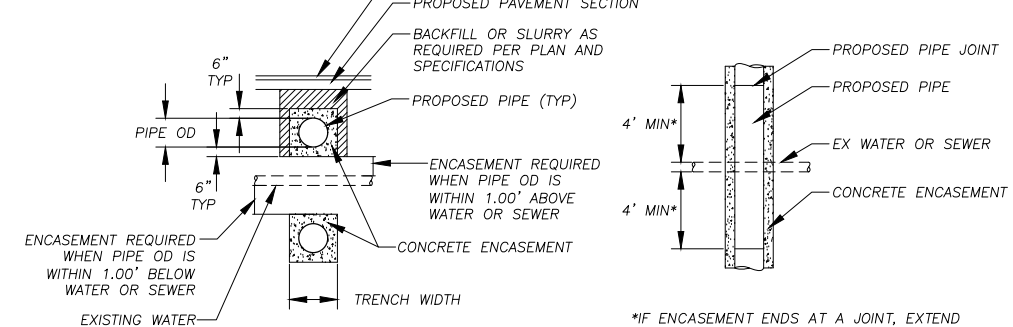


AC SWALE AT CSP INLET WINDOWS
 NTS
 5
 D-3

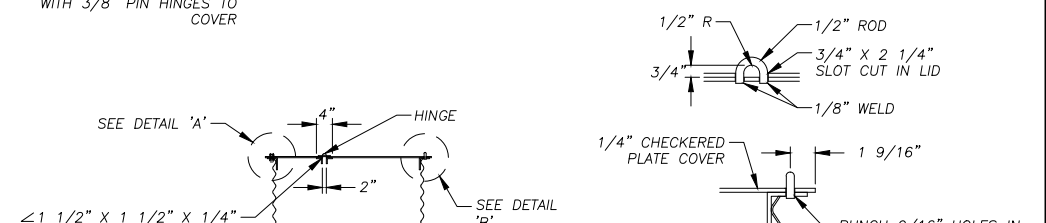
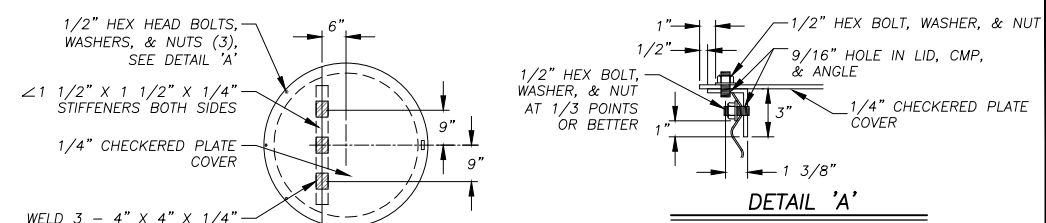


PLAN SHEET	STATION	EX RIM ELEV	NEW RIM ELEV	MODIFY HEIGHT, Y	CONFORM LENGTH, X
P-6	37+75.51	6413.82	6414.35	0.53'	7.18'
P-7	38+18.18	6416.90	6417.28	0.38'	9.40'
P-7	39+36.89	6429.44	6429.91	0.47'	11.6'
P-7	41+08.64	6445.94	6446.42	0.48'	11.0'
P-7	41+40.44	6449.16	6449.66	0.50'	9.11'
P-8	42+33.57	6450.82	6451.89	1.07'	14.0'

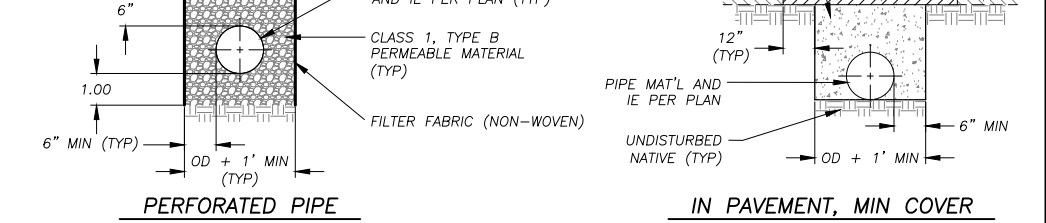
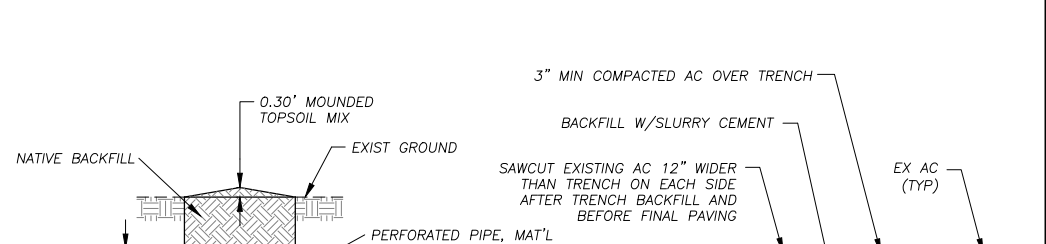
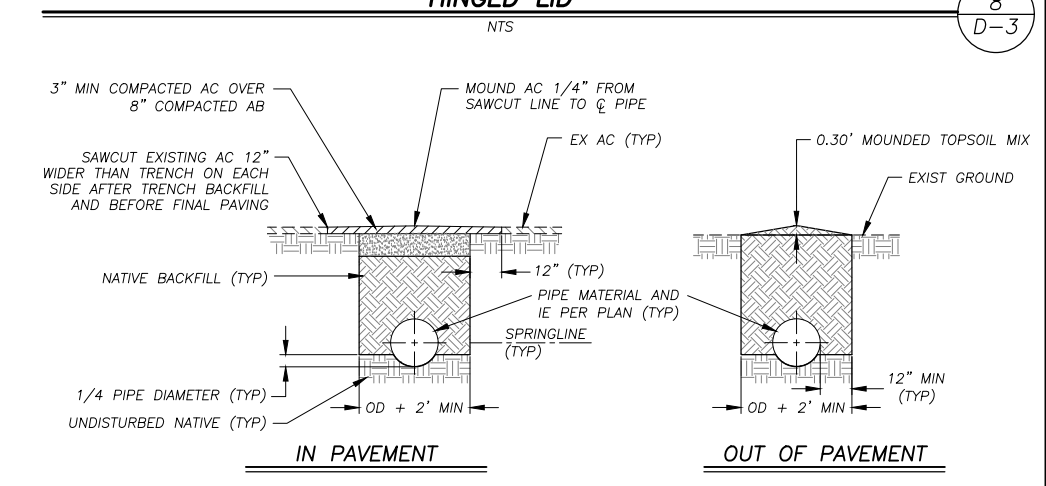
MODIFY INLET & CURB CONFORM
 NTS
 6
 D-3



CONCRETE ENCASEMENT
 NTS
 7
 D-3



HINGED LID
 NTS
 8
 D-3



PERFORATED PIPE
 NTS

PIPE TRENCH
 NTS
 9
 D-3

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

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 FEBRUARY 28, 2018
 DATE:

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 DRAWN: DMG
 CHECKED: DWK
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 ROAD NUMBER: ---

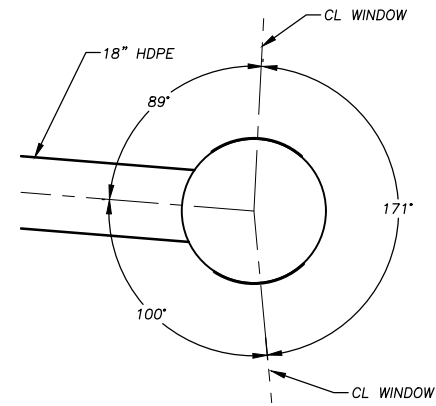


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 DETAIL SHEET

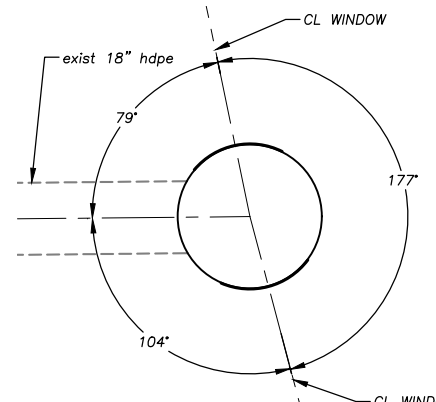
SHEET
 D-3
 21 OF 26
 CONTRACT NO.
 PW 17-31166
 CIP No.
 95191

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 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



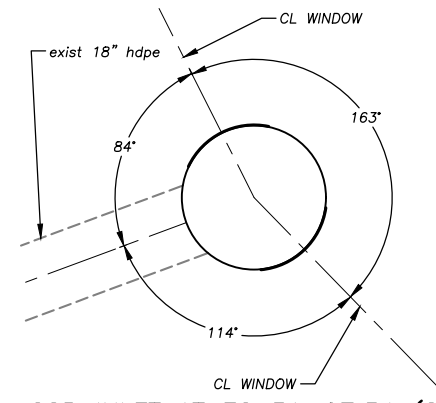
36"Ø CSP INLET AT EC 25+10.65 (SHEET P-5)

NTS



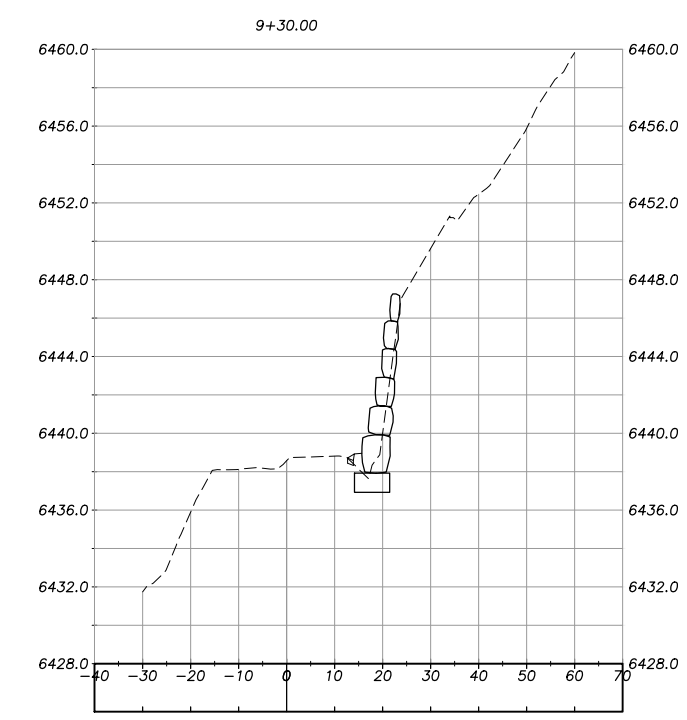
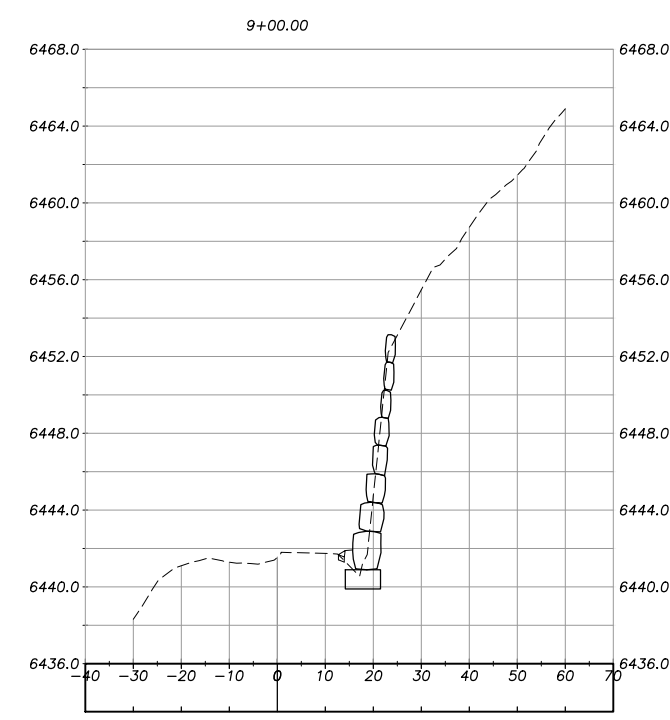
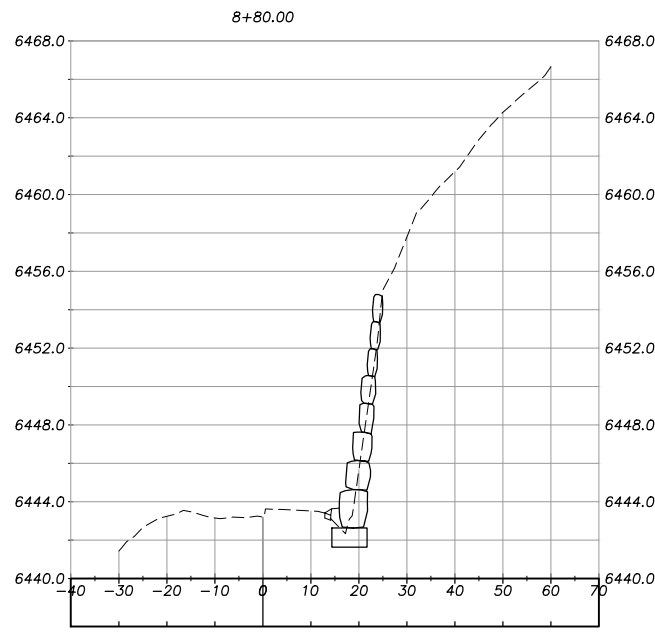
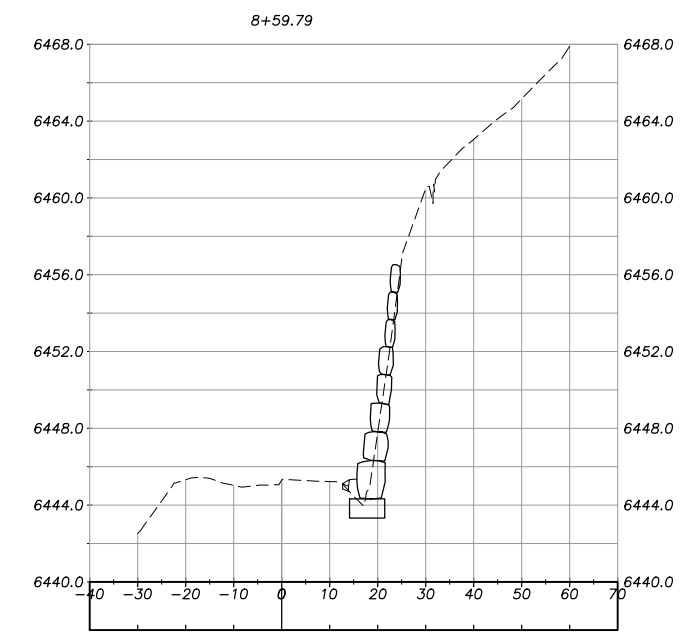
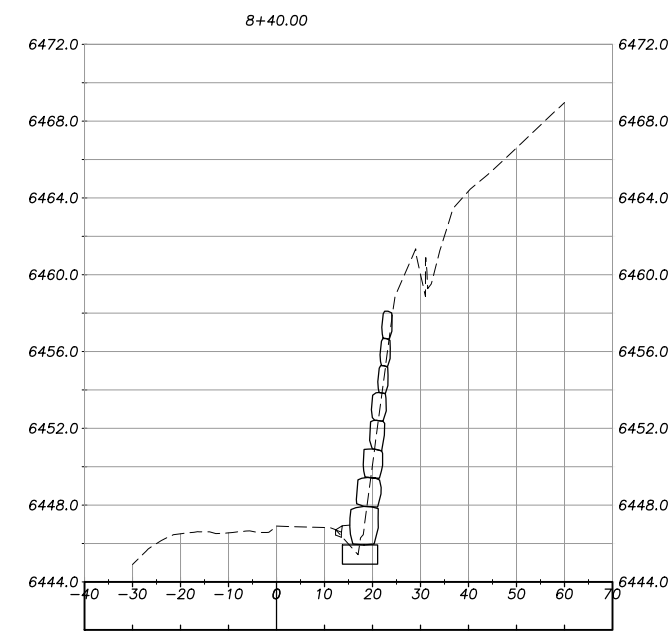
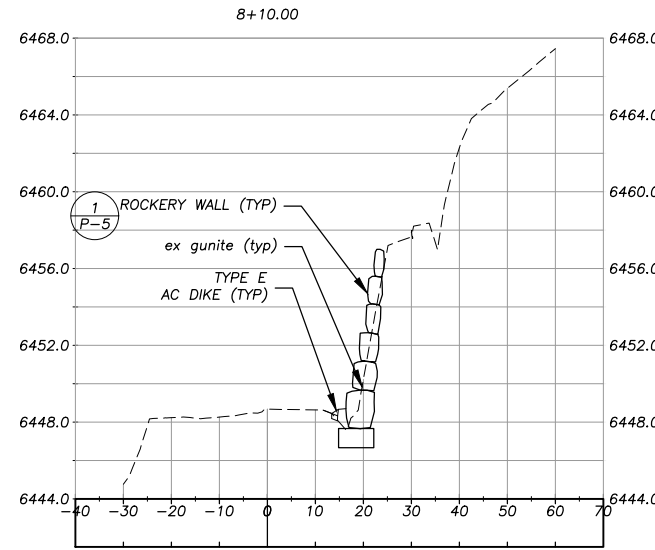
36"Ø CSP INLET AT EC 28+07.13 (SHEET P-5)

NTS



36"Ø CSP INLET AT EC 31+07.34 (SHEET P-5)

NTS



MEADOW VALE X-SECTIONS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 CHECKED: DWK
 DRAWN: DMG
 DATE: 2/2018
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 HORIZONTAL CONTROL / MEADOWVALE X-SECTIONS

SHEET
HC-1
 22 of 26
 CONTRACT NO.
PW 17-31166
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95191

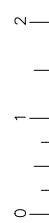
LEGEND

- COUNTY OR CALTRANS RIGHTS-OF-WAY OR PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- LAND CAPABILITY BOUNDARY
- 10' SEZ SETBACK (IF APPLICABLE)
- ◻ PROPOSED STAGING, STORAGE, OR CONC WASH
- WOODEN TREE TRUNK PROTECTION
- ESA - ESA - TEMPORARY FENCE (TYPE ESA)
- RSF - RSF - REINFORCED SILT FENCE
- > SEDIMENT CONTROL
- PROPOSED CSP INLET/RISER, DI, OR SDMH
- PROPOSED PIPE
- ▭ PROPOSED ROCK DISSIPATOR OR RSP
- ▬ PROPOSED RLC
- ▬▬▬ PROPOSED BLC

NOTE:
THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. YOU MUST EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



SCALE: 1" = 200'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 DRAWN: DMG
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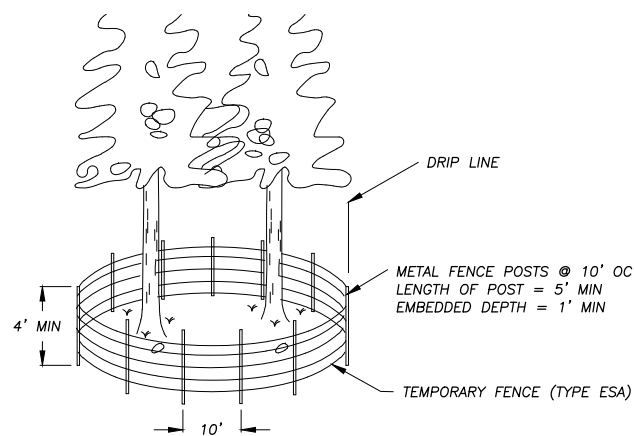


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
TEMPORARY EROSION CONTROL

SHEET
EC-1
 23 of 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

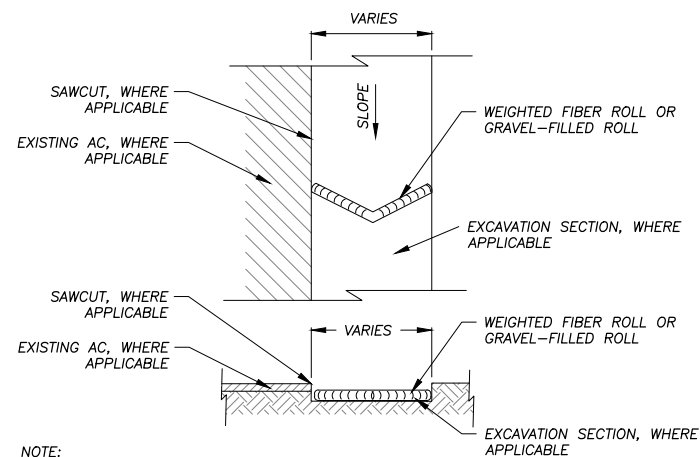
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 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION



TEMPORARY FENCE (TYPE ESA) AT DRILINES

NTS

1
EC-2

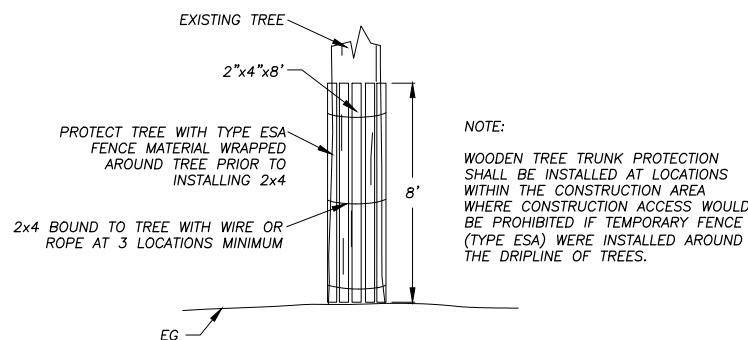


NOTE:
 SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS

NTS

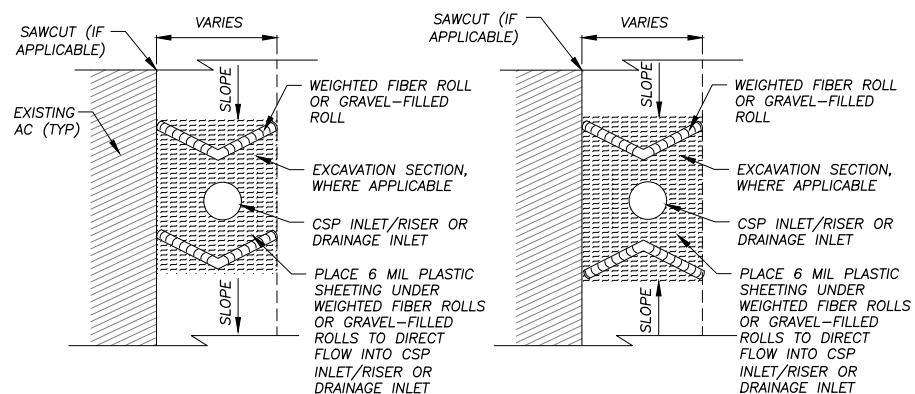
4
EC-2



WOODEN TREE TRUNK PROTECTION

NTS

2
EC-2

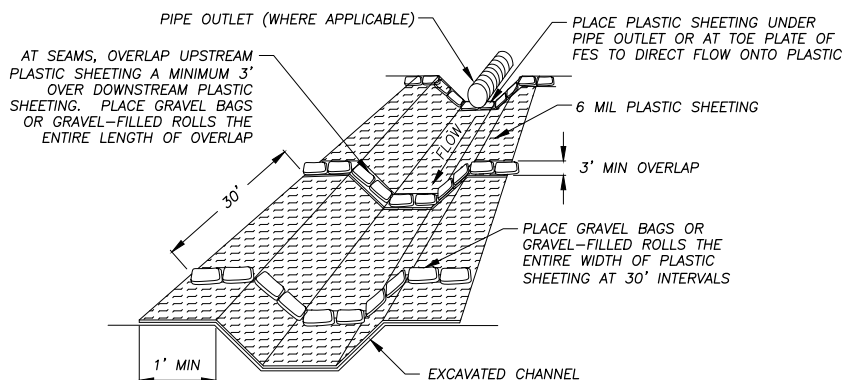


NOTE:
 SEE ALSO TYPE 2 OR TYPE 3A, CALTRANS STD PLANS T61 AND T62.

DRAIN INLET PROTECTION

NTS

5
EC-2



PLASTIC SHEETING WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS

NTS

3
EC-2

NOT USED

NTS

6
EC-2

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

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
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COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT SERVICES
 DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
 TEMPORARY EROSION CONTROL

SHEET
EC-2
 24 of 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

SYMBOL LEGEND

- ||||| REVEGETATION AREA (TYPES 1-6)
- ~~~~~ REVEGETATION AREA (TYPE 7)
- ▭ STAGING AND STORAGE AREAS

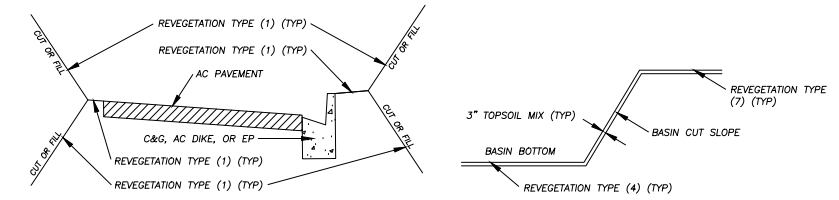
DEFINITIONS

BLANKET = ROLLED EROSION CONTROL PRODUCT (RECP)

REVEGETATION WORK LEGEND

- TYPE (1) - CONTRACTOR TO PLACE 2" COMPACTED TOPSOIL MIX, CALIFORNIA CONSERVATION CORPS (CCC) TO ADD SEED AND SOIL AMENDMENT, CONTRACTOR TO APPLY 1" MULCH, CONTRACTOR TO APPLY TACKIFIER.
- TYPE (2) - N/A.
- TYPE (3) - N/A.
- TYPE (4) - CONTRACTOR TO PLACE 3" COMPACTED TOPSOIL MIX IN CHANNEL/BASIN BOTTOM AND ON CHANNEL/BASIN SIDE SLOPES, CCC TO PLACE SEED, CONTRACTOR TO PLACE BLANKET ON CHANNEL BOTTOM AND CHANNEL/BASIN SIDE SLOPES, CONTRACTOR TO APPLY TACKIFIER.
- TYPE (5) - N/A.
- TYPE (6) - N/A.
- TYPE (7) - ACCESS LIMITS, CONTRACTOR TO RESTORE AREAS IMPACTED BY EQUIPMENT DURING CONSTRUCTION OF IMPROVEMENTS.

NOTE:
THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. YOU MUST EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.



TYPICAL ROADWAY & BASIN REVEGETATION

NTS

NOTES

1. REVEGETATION TYPE (1) FOR AREAS ADJACENT TO CURB AND GUTTER, AC DIKE, AC SWALE, ROAD SHOULDERING, PIPE INSTALLATION, DISTURBED AREAS ADJACENT TO IMPROVEMENTS, AND GRADE TO DRAIN LOCATIONS, UNLESS NOTED OTHERWISE.
2. REVEGETATION TYPE (4) IS ASSOCIATED WITH THE BLANKET-LINED CHANNEL AND THE SLOPES ABOVE THE BLANKET-LINED CHANNEL.
3. AMENDMENT AND MULCH WILL NOT BE APPLIED TO AREAS WITHIN CHANNELS.
4. ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK BY THE COUNTY FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL.
5. SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE SCARIFYING IS REQUIRED PRIOR TO REVEGETATION TREATMENT.



SCALE: 1" = 200'

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FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
FEBRUARY 28, 2018
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 2/2018
 ROAD NUMBER: ---

















COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
REVEGETATIVE PLAN

SHEET
R-1
 25 OF 26
 CONTRACT NO.
PW 17-31166
 CIP No.
95191

Drawing name: \\C:\Data\el\TD-S\T-Engineering\Civil_3D PROJECTS\95191\Engineering\MPL\14\21\001 TC-1.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION

LEGEND

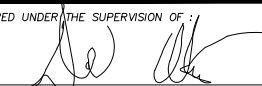
-  PROPOSED STAGING AREA WITH SF
 -  APPROXIMATE SIGN LOCATION
 -  "END ROAD WORK" SIGN
 -  "ROAD WORK AHEAD" SIGN
 -  "ONE LANE ROAD XXX FT" SIGN
 -  "BE PREPARED TO STOP" SIGN
 -  DETOUR
 -  TEMPORARY ROAD CLOSURE LIMITS
 -  TRAFFIC BARRICADE
-
-  ① ROAD CLOSED
C2 (CA)
 -  ② ROAD CLOSED AHEAD
W20-3
 -  ③ DETOUR
M4-10
DIRECTION AS INDICATED
 -  ④ DETOUR
SC9 (CA)
 -  ⑤ END DETOUR
M4-8a



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

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COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT SERVICES
DEPARTMENT OF TRANSPORTATION

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT
TRAFFIC CONTROL PLAN

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 26 OF 26
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