

Sheet List Table

| Sheet Number | Sheet Title | Sheet Description |
|--------------|-------------|--|
| 1 | i | TITLE SHEET |
| 2 | ii | GENERAL NOTES, ABBREVIATIONS, AND LEGEND |
| 3 | iii | SHEET INDEX MAP AND EARTHWORK SUMMARY TABLE |
| 4 | SC-1 | SURVEY CONTROL AND ALIGNMENTS |
| 5 | SC-2 | SURVEY CONTROL AND ALIGNMENTS |
| 6 | SC-3 | SURVEY CONTROL AND ALIGNMENTS |
| 7 | SC-4 | SURVEY CONTROL AND ALIGNMENTS |
| 8 | SC-5 | SURVEY ALIGNMENT LISTINGS |
| 9 | P-1 | MEADOW VALE DR & CRYSTAL AIR DR, SOUTHERN PINES DR & MEADOW VALE DR, PIONEER TR PLAN & PROFILE |
| 10 | P-2 | OFLYNG DR & PIONEER TR PLAN & PROFILE |
| 11 | P-3 | OFLYNG DR & YQUI ST PLAN & PROFILE |
| 12 | P-4 | OFLYNG DR, CRYSTAL AIR DR PLAN & PROFILE |
| 13 | P-5 | OFLYNG DR & COTO ST PLAN & PROFILE |
| 14 | P-6 | CRYSTAL AIR DR & COTO ST, TIONONTATI ST PLAN & PROFILE |
| 15 | P-7 | CRYSTAL AIR DR PLAN & PROFILE |
| 16 | P-8 | TIONONTATI ST & OFLYNG DR C&G PLAN & PROFILE |
| 17 | P-9 | OFLYNG DR & TIONONTATI ST C&G PLAN & PROFILE |
| 18 | P-10 | MEADOW VALE DR, CRYSTAL AIR DR RSP |
| 19 | P-11 | CRYSTAL AIR DR, TIONONTATI ST, OFLYNG DR RSP |
| 20 | P-12 | ELKS CLUB DR, CRYSTAL AIR DR, TIONONTATI ST RSP |
| 21 | P-13 | PIONEER TR & GARBAGE DUMP RD BASIN PLAN & PROFILE |
| 22 | X-1 | CURB & GUTTER CROSS SECTIONS |
| 23 | HC-1 | HORIZONTAL CONTROL |
| 24 | HC-2 | HORIZONTAL CONTROL |
| 25 | D-1 | DETAIL SHEET |
| 26 | D-2 | DETAIL SHEET |
| 27 | D-3 | DETAIL SHEET |
| 28 | D-4 | DETAIL SHEET |
| 29 | EC-1 | TEMPORARY EROSION CONTROL |
| 30 | EC-2 | TEMPORARY EROSION CONTROL DETAILS |
| 31 | R-1 | REVEGETATIVE PLAN |
| 32 | TC-1 | TRAFFIC CONTROL PLAN |

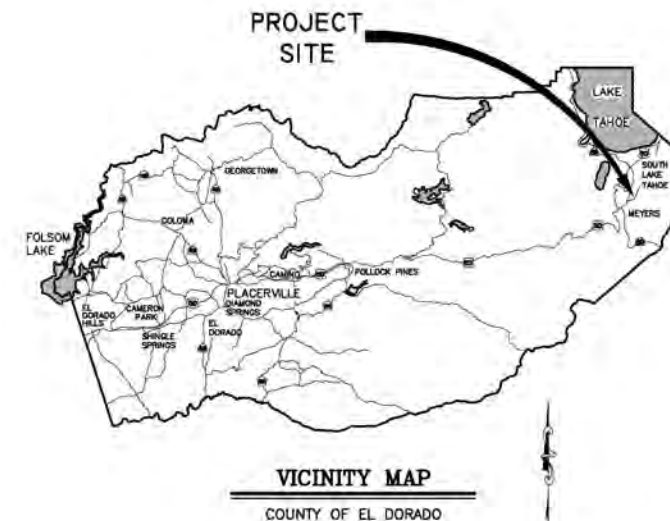
COUNTY OF EL DORADO, CA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR THE CONSTRUCTION OF THE 2022

OFLYNG WATER QUALITY PROJECT

IN THE COUNTY OF EL DORADO, DISTRICT 5,
COUNTRY CLUB HEIGHTS UNIT NO. 5 SUBDIVISION; PORTIONS OF
COUNTRY CLUB HEIGHTS UNIT NO. 6 AND TAHOE PARADISE UNIT
NO. 48 SUBDIVISION

To be supplemented with the 2018 Standard Plans and Specifications of
the California Department of Transportation, unless otherwise noted.



OFLYNG WATER QUALITY PROJECT AREA



FUNDING AGENCIES

- SWRCB
- CALIFORNIA TAHOE CONSERVANCY
- TRPA
- USFS

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

REVISIONS

| MARK | DATE | BY |
|------|------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



LOCATION MAP
SCALE: 1" = 1000'



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

JANUARY 11, 2022
DATE

CONTRACT NO. 3692, CIP NO. 95177

OFLYNG WATER QUALITY PROJECT

TITLE SHEET
1 OF 32

BOARD OF SUPERVISORS
I JOHN HIDAHL
II GEORGE TURNBOO
III WENDY THOMAS
IV LORI PARLIN
V SUE NOVASEL

COUNTY OF EL DORADO
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:
DATE
DATE
DATE
JOHN HIDAHL, CHAIR, COUNTY OF EL DORADO BOARD OF SUPERVISORS
RAFAEL MARTINEZ, DIRECTOR, DEPARTMENT OF TRANSPORTATION
JOHN H. KANLUNG, P.E., RCE NO. 52436, DEPUTY DIRECTOR OF ENGINEERING, DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- 1. ALL IMPROVEMENTS WILL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION (TD). IMPROVEMENT CONSTRUCTION MUST COMPLY WITH THESE PLANS AND THE 2015 CALTRANS STANDARD PLANS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) 2015 STANDARD SPECIFICATIONS. CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC COUNTY OF EL DORADO (COUNTY) ORDINANCES MUST CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. YOU ARE OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SUPERSEDE THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.

ABBREVIATIONS

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING
Table listing abbreviations for Delta, Arch, Aggregate Base, etc., and their corresponding definitions.

LEGEND

Table defining symbols for Existing and Proposed features: CENTERLINE, SAWCUT, ELEVATION, EASEMENT, LAND CAPABILITY BOUNDARY, etc.

FOR REDUCED PLANS: ORIGINAL SCALE IS IN INCHES

REVISION table with columns for NUMBER, DATE, DESCRIPTION, and BY.



PREPARED UNDER THE SUPERVISION OF: [Signature] REGISTERED CIVIL ENGINEER JANUARY 11, 2022

DESIGNED: DMG DRAWN: DMG CHECKED: DWK DATE: 01/2022 ROAD NUMBER:



COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT GENERAL NOTES, ABBREVIATIONS, AND LEGEND

SHEET ii of 32 CONTRACT NO. 3692 OIP No. 95177

EARTHWORK SUMMARY BY IMPROVEMENT

ALL VOLUMES ARE IN CUBIC YARDS

| FACILITY | CUT | FILL | SALVAGED SOIL | HUMUS FOR TOPSOIL MIX | TOPSOIL MIX | MULCH |
|--------------------------|------------|-----------|---------------|-----------------------|-------------|-----------|
| CURB & GUTTER / SLOPE | 139 | 3 | 6 | 3 | 9 | 4 |
| AC DIKE | | | 2 | 1 | 3 | 1 |
| CSPs, INLETS, Dis | 67 | | 10 | 3 | 13 | 7 |
| ROCK BOWLS / ENERGY DISS | 5 | | | | | |
| RSP TOE | 85 | | | | | |
| BASIN | 116 | 30 | 18 | 4 | 22 | |
| ACCESS PAD | 3 | | | | | |
| BLC | 34 | | .67 | .33 | 1 | |
| TOTALS | 449 | 33 | 37 | 11 | 48 | 12 |

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 IS MET.
THE QUANTITIES ARE REFLECTIVE OF ALL GRADING FOR THIS PROJECT.



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0



SCALE: 1" = 200'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
JANUARY 11, 2022
 DATE:

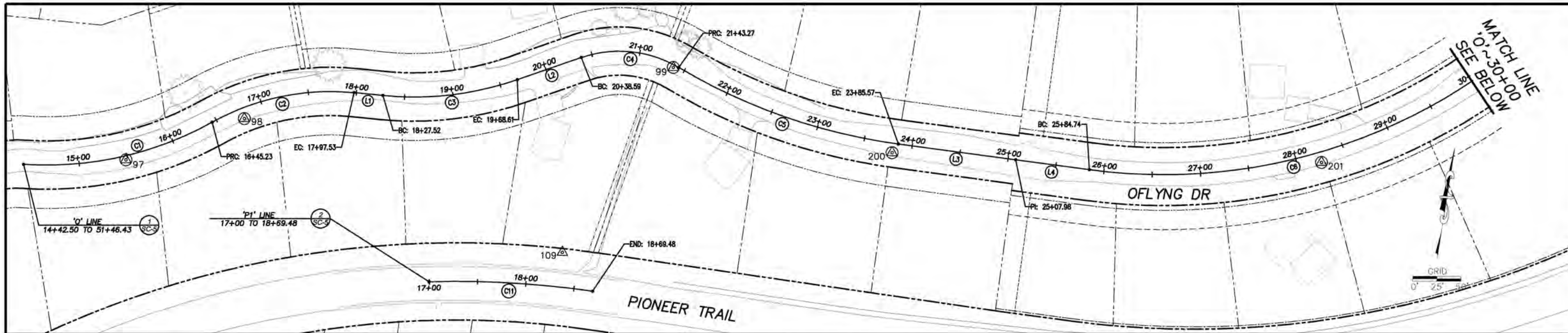
DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
SHEET INDEX MAP AND EARTHWORK SUMMARY TABLE

SHEET **iii**
 3 of 32
 CONTRACT NO. **3692**
 DIP No. **95177**



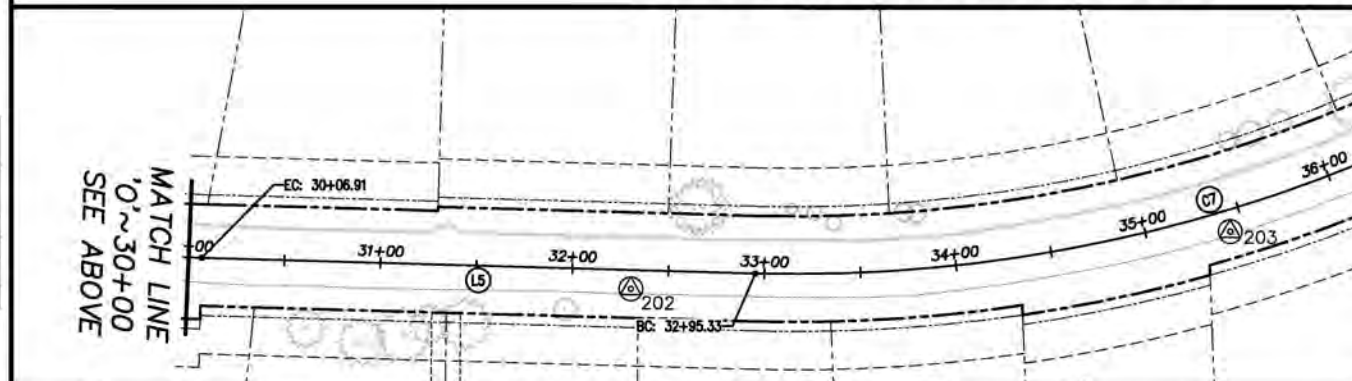
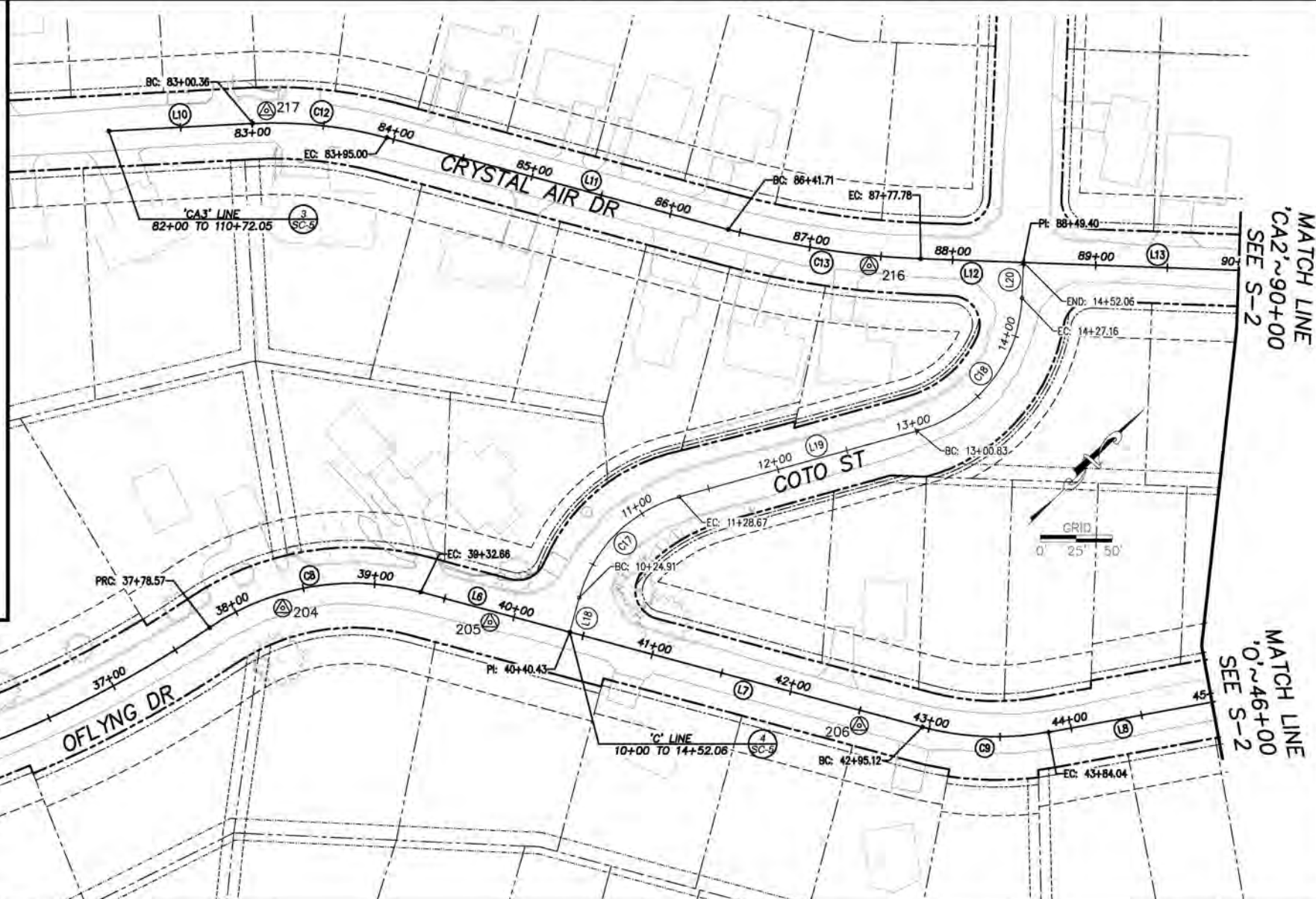
LEGEND

- LINE LABEL
- CURVE LABEL
- PROJECT CONTROL
- SUPPLEMENTAL CONTROL
- RIGHT OF WAY
- LOT LINE
- DRAINAGE EASEMENT LINE
- SLOPE EASEMENT LINE
- PUBLIC UTILITY EASEMENT LINE
- SETBACK LINE
- SNOW STORAGE EASEMENT LINE
- NON-VEHICULAR EASEMENT LINE

CONTROL TABLE

| CONTROL NUMBER | Y | X | ELEVATION | DESCRIPTION |
|----------------|------------|------------|-----------|-------------|
| 97 | 2082200.73 | 7129098.64 | 6401.75 | MAG NAIL |
| 98 | 2082262.08 | 7129212.93 | 6403.82 | MAG NAIL |
| 99 | 2082383.72 | 7129642.93 | 6396.65 | MAG NAIL |
| 109 | 2082176.69 | 7129559.45 | 6349.60 | 10" SPIKE |
| 200 | 2082332.00 | 7129880.23 | 6413.68 | MAG NAIL |
| 201 | 2082391.56 | 7130320.48 | 6422.05 | MAG NAIL |
| 202 | 2082650.09 | 7130635.45 | 6442.43 | MAG NAIL |
| 203 | 2082891.94 | 7130835.07 | 6445.36 | MAG NAIL |
| 204 | 2083164.31 | 7130930.59 | 6455.48 | MAG NAIL |
| 205 | 2083259.61 | 7131039.90 | 6469.79 | MAG NAIL |
| 206 | 2083390.90 | 7131273.12 | 6470.00 | MAG NAIL |
| 216 | 2083622.36 | 7131051.19 | 6510.29 | MAG NAIL |
| 217 | 2083401.66 | 7130677.44 | 6507.14 | MAG NAIL |

PROJECT CONTROL ESTABLISHED FOR THE DESIGN AND CONSTRUCTION ONLY OF THE COUNTY OF EL DORADO OFLYNG EROSION CONTROL PROJECT (CIP 95177)



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF

 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 CHECKED: DWK
 DRAWN: KIS
 DATE: 01/2022



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

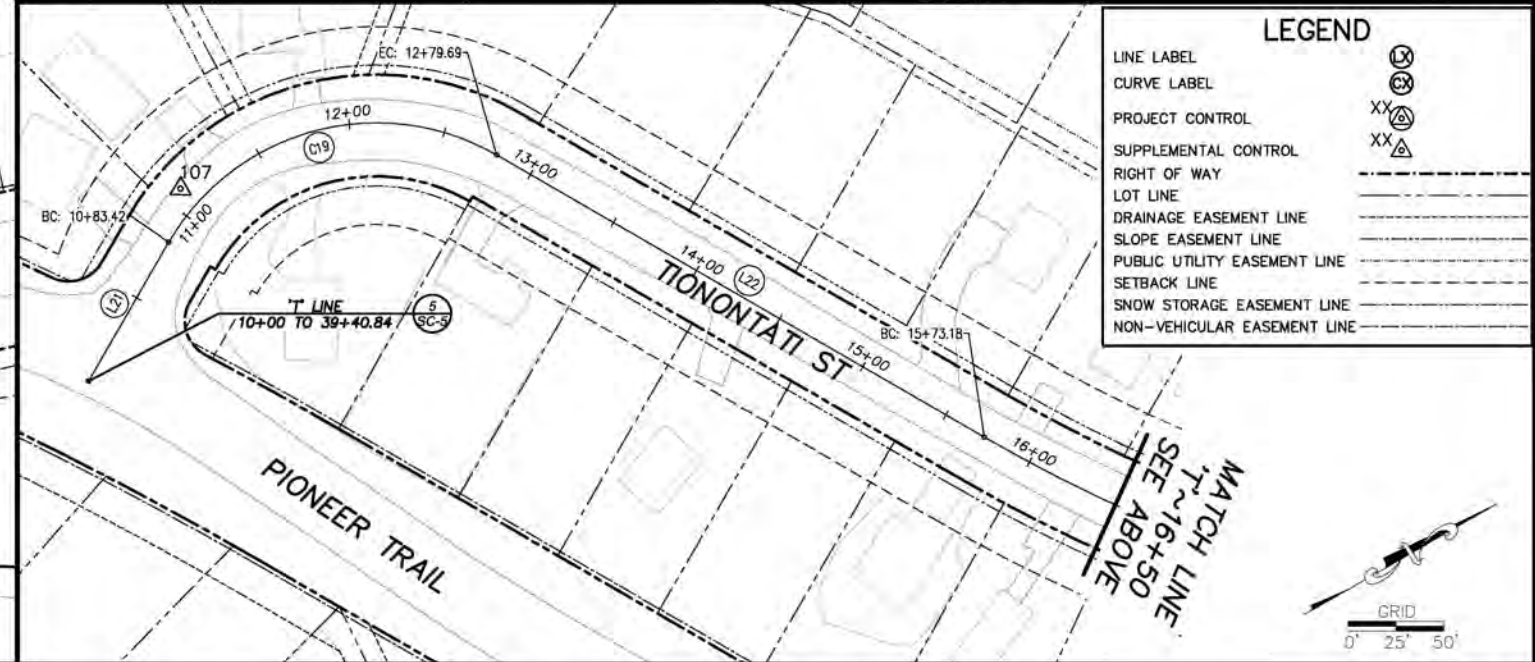
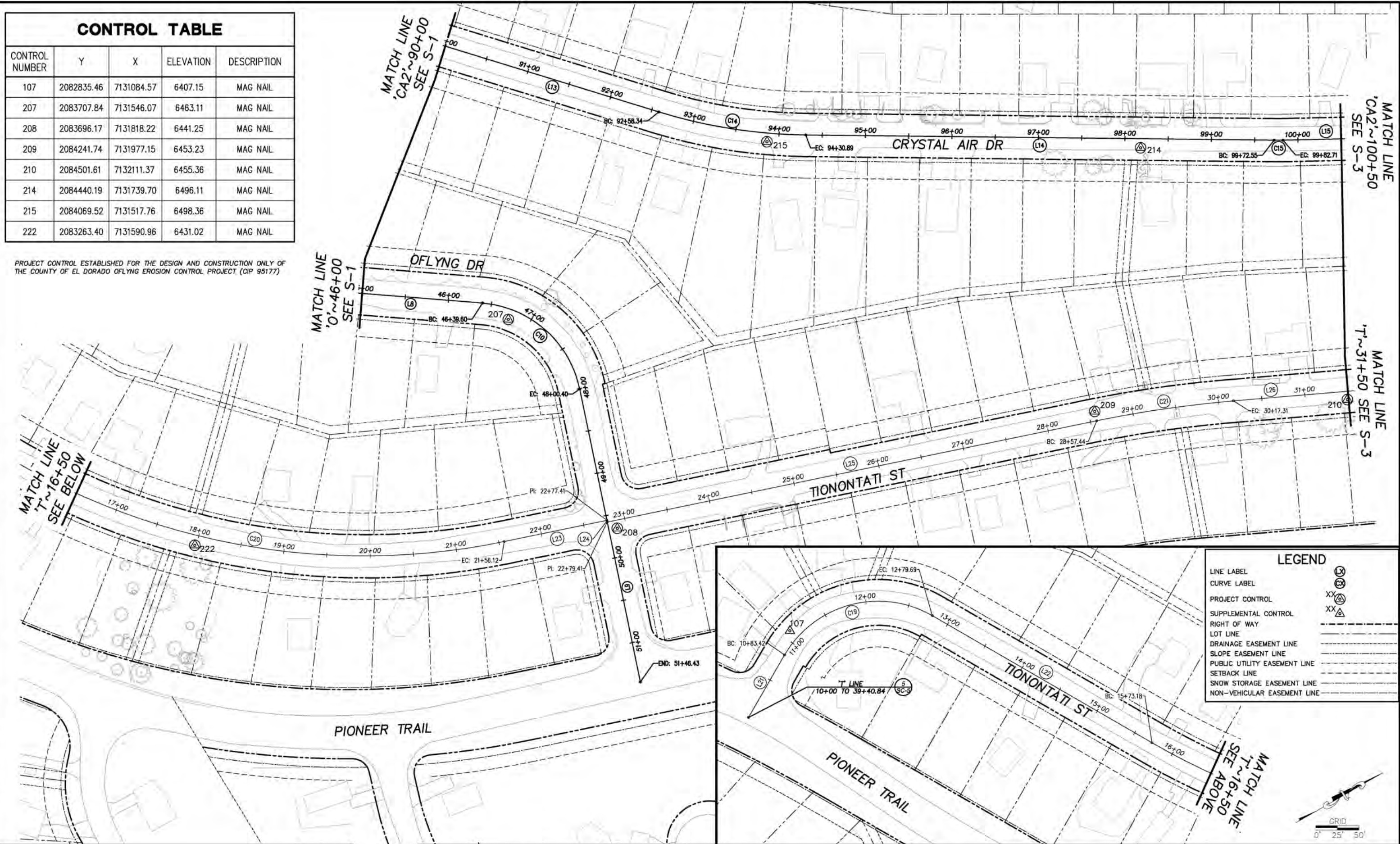
OFLYNG WATER QUALITY PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-1
 4 OF 32
 CONTRACT NO.
3692
 CIP No.
95177

CONTROL TABLE

| CONTROL NUMBER | Y | X | ELEVATION | DESCRIPTION |
|----------------|------------|------------|-----------|-------------|
| 107 | 2082835.46 | 7131084.57 | 6407.15 | MAG NAIL |
| 207 | 2083707.84 | 7131546.07 | 6463.11 | MAG NAIL |
| 208 | 2083696.17 | 7131818.22 | 6441.25 | MAG NAIL |
| 209 | 2084241.74 | 7131977.15 | 6453.23 | MAG NAIL |
| 210 | 2084501.61 | 7132111.37 | 6455.36 | MAG NAIL |
| 214 | 2084440.19 | 7131739.70 | 6496.11 | MAG NAIL |
| 215 | 2084069.52 | 7131517.76 | 6498.36 | MAG NAIL |
| 222 | 2083263.40 | 7131590.96 | 6431.02 | MAG NAIL |

PROJECT CONTROL ESTABLISHED FOR THE DESIGN AND CONSTRUCTION ONLY OF THE COUNTY OF EL DORADO OFLYNG EROSION CONTROL PROJECT (CIP 95177)



| LEGEND | |
|------------------------------|--------|
| LINE LABEL | (X) |
| CURVE LABEL | (L) |
| PROJECT CONTROL | XX (M) |
| SUPPLEMENTAL CONTROL | XX (A) |
| RIGHT OF WAY | --- |
| LOT LINE | --- |
| DRAINAGE EASEMENT LINE | --- |
| SLOPE EASEMENT LINE | --- |
| PUBLIC UTILITY EASEMENT LINE | --- |
| SETBACK LINE | --- |
| SNOW STORAGE EASEMENT LINE | --- |
| NON-VEHICULAR EASEMENT LINE | --- |

FOR REDUCED PLANS 1/8" ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: KIS
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-2
 5 of 32
 CONTRACT NO.
3692
 CIP No.
95177

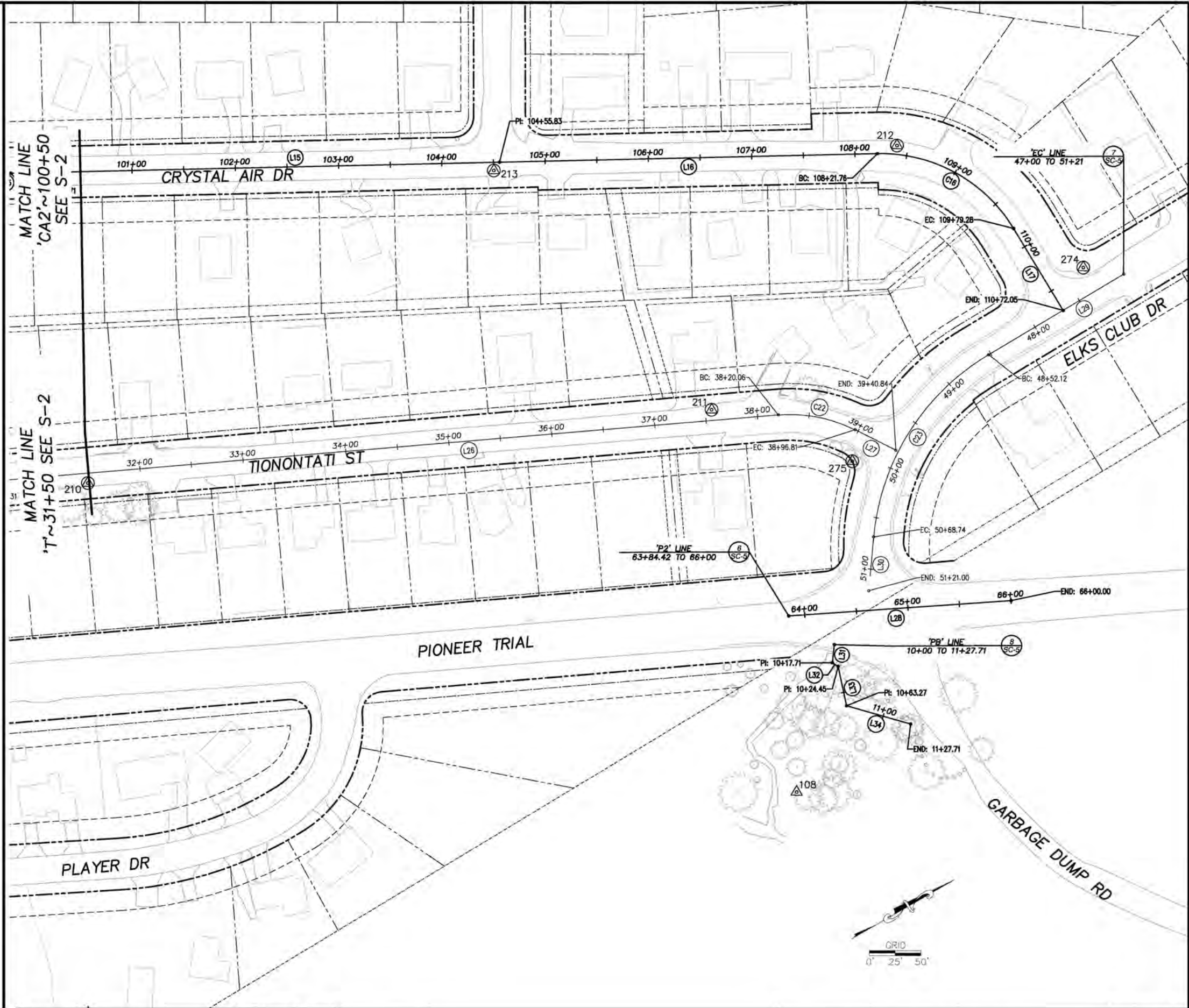
LEGEND

| | |
|------------------------------|--------|
| LINE LABEL | (L) |
| CURVE LABEL | (C) |
| PROJECT CONTROL | XX (A) |
| SUPPLEMENTAL CONTROL | XX (A) |
| RIGHT OF WAY | --- |
| LOT LINE | --- |
| DRAINAGE EASEMENT LINE | --- |
| SLOPE EASEMENT LINE | --- |
| PUBLIC UTILITY EASEMENT LINE | --- |
| SETBACK LINE | --- |
| SNOW STORAGE EASEMENT LINE | --- |
| NON-VEHICULAR EASEMENT LINE | --- |

CONTROL TABLE

| CONTROL NUMBER | Y | X | ELEVATION | DESCRIPTION |
|----------------|------------|------------|-----------|-------------|
| 108 | 2084946.29 | 7132713.49 | 6430.80 | 10" SPIKE |
| 210 | 2084501.61 | 7132111.37 | 6455.36 | MAG NAIL |
| 211 | 2085060.06 | 7132351.91 | 6454.71 | MAG NAIL |
| 212 | 2085343.38 | 7132220.00 | 6480.38 | MAG NAIL |
| 213 | 2084993.36 | 7132045.82 | 6488.37 | MAG NAIL |
| 274 | 2085440.48 | 7132412.52 | 6469.35 | 10" SPIKE |
| 275 | 2085152.98 | 7132463.06 | 6453.93 | 10" SPIKE |

PROJECT CONTROL ESTABLISHED FOR THE DESIGN AND CONSTRUCTION ONLY OF THE COUNTY OF EL DORADO OFLYNG EROSION CONTROL PROJECT (CIP 95177)



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF

 REGISTERED CIVIL ENGINEER
JANUARY 11, 2022
 DATE

DESIGNED: DMG
 DRAWN: KIS
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

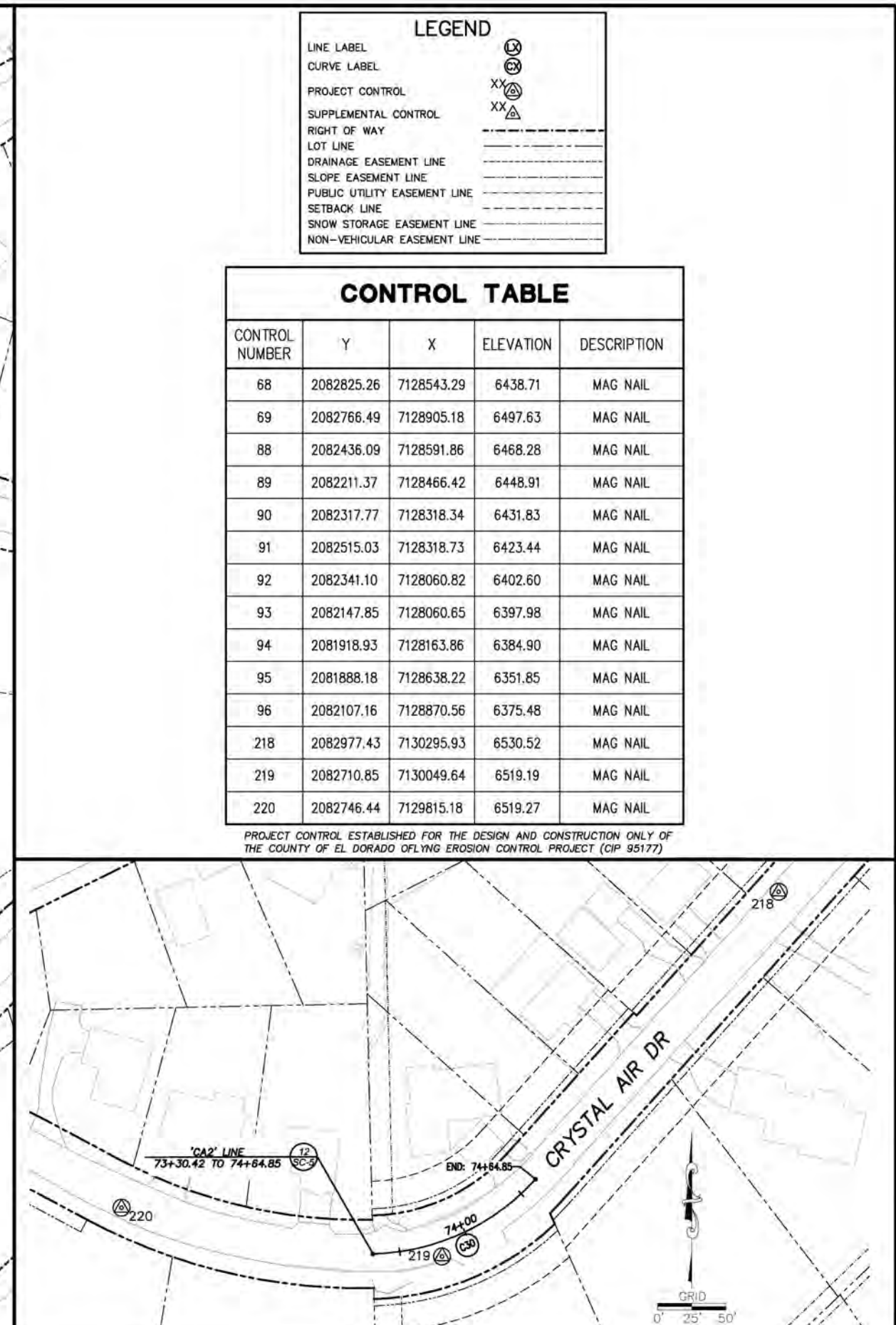
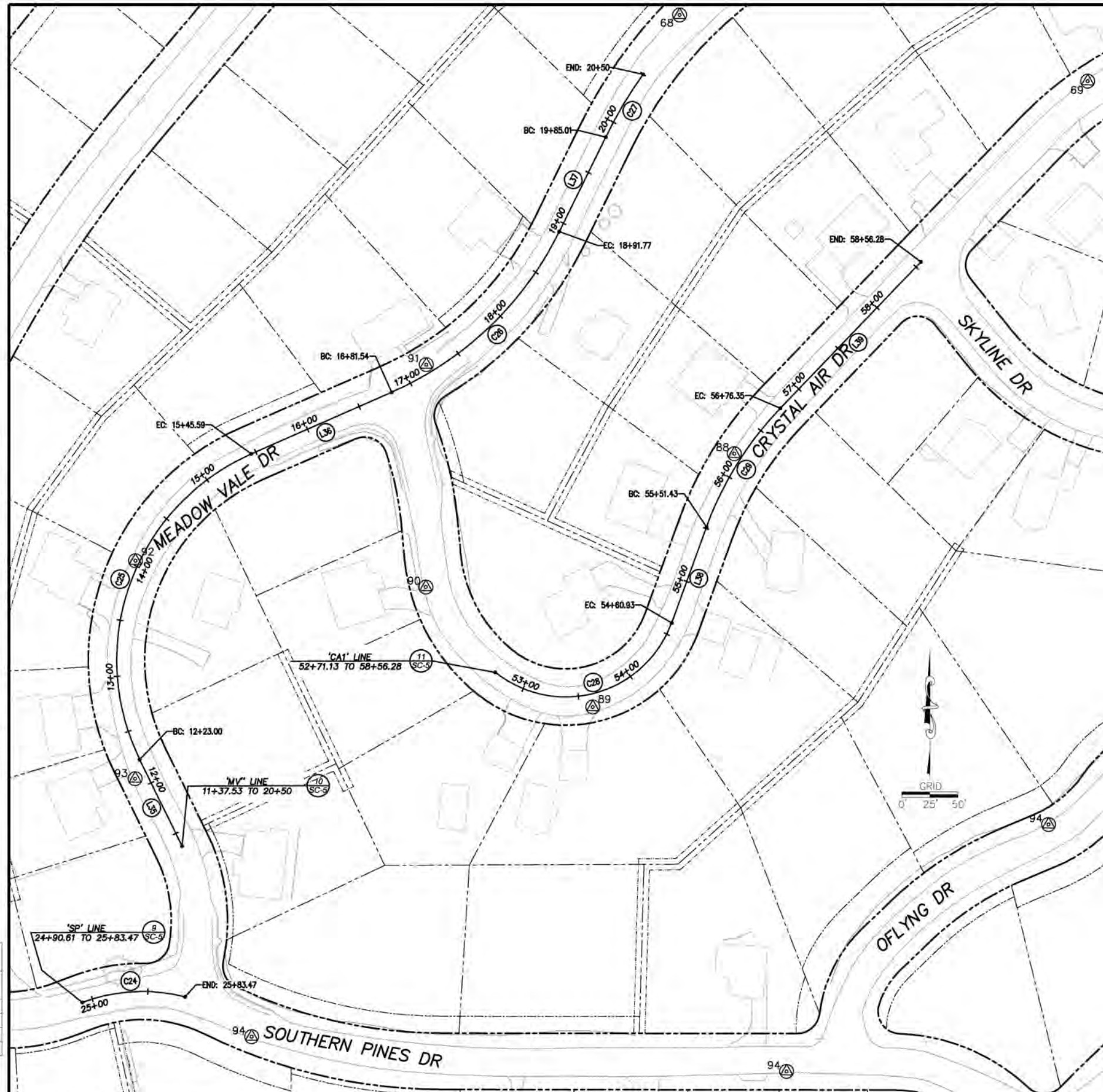


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-3
 6 of 32
 CONTRACT NO.
3692
 CIP No.
95177

FOR REDUCED PLANS 1/8" = 1' ORIGINAL SCALE 1/4" = 1' INCHES



| LEGEND | |
|------------------------------|-------------------|
| LINE LABEL | (LX) |
| CURVE LABEL | (CX) |
| PROJECT CONTROL | XX (triangle) |
| SUPPLEMENTAL CONTROL | XX (triangle) |
| RIGHT OF WAY | --- (dashed line) |
| LOT LINE | --- (dashed line) |
| DRAINAGE EASEMENT LINE | --- (dashed line) |
| SLOPE EASEMENT LINE | --- (dashed line) |
| PUBLIC UTILITY EASEMENT LINE | --- (dashed line) |
| SETBACK LINE | --- (dashed line) |
| SNOW STORAGE EASEMENT LINE | --- (dashed line) |
| NON-VEHICULAR EASEMENT LINE | --- (dashed line) |

| CONTROL TABLE | | | | |
|----------------|------------|------------|-----------|-------------|
| CONTROL NUMBER | Y | X | ELEVATION | DESCRIPTION |
| 68 | 2082825.26 | 7128543.29 | 6438.71 | MAG NAIL |
| 69 | 2082766.49 | 7128905.18 | 6497.63 | MAG NAIL |
| 88 | 2082436.09 | 7128591.86 | 6468.28 | MAG NAIL |
| 89 | 2082211.37 | 7128466.42 | 6448.91 | MAG NAIL |
| 90 | 2082317.77 | 7128318.34 | 6431.83 | MAG NAIL |
| 91 | 2082515.03 | 7128318.73 | 6423.44 | MAG NAIL |
| 92 | 2082341.10 | 7128060.82 | 6402.60 | MAG NAIL |
| 93 | 2082147.85 | 7128060.65 | 6397.98 | MAG NAIL |
| 94 | 2081918.93 | 7128163.86 | 6384.90 | MAG NAIL |
| 95 | 2081888.18 | 7128638.22 | 6351.85 | MAG NAIL |
| 96 | 2082107.16 | 7128870.56 | 6375.48 | MAG NAIL |
| 218 | 2082977.43 | 7130295.93 | 6530.52 | MAG NAIL |
| 219 | 2082710.85 | 7130049.64 | 6519.19 | MAG NAIL |
| 220 | 2082746.44 | 7129815.18 | 6519.27 | MAG NAIL |

PROJECT CONTROL ESTABLISHED FOR THE DESIGN AND CONSTRUCTION ONLY OF THE COUNTY OF EL DORADO OFLYNG EROSION CONTROL PROJECT (CIP 95177)

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF

 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: KIS
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 SURVEY CONTROL AND ALIGNMENTS

SHEET
SC-4
 7 of 32
 CONTRACT NO.
3692
 CIP No.
95177

Drawing name: \\060808\top-el-engineering\civil_3d_projects\sc5\77-engineering\wpa\w-7_01_SURVEY_SC5.dwg

ORIGINAL SCALE IS IN INCHES

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (C1) | 14+42.50 | 16+45.23 | CURVE LEFT | 202.73 | 349.82 | ----- | 331°21'5" | 2082179.61 | 7128994.80 | 2082253.23 | 7129180.66 |
| (C2) | 16+45.23 | 17+97.53 | CURVE RIGHT | 152.30 | 249.89 | ----- | 34°55'10" | 2082253.23 | 7129180.66 | 2082306.35 | 7129320.88 |
| (C3) | 17+97.53 | 18+27.52 | LINE | 29.99 | | ----- | N86°42'28"E | 2082306.35 | 7129320.88 | 2082306.08 | 7129350.82 |
| (L1) | 18+27.52 | 19+68.61 | CURVE LEFT | 141.09 | 324.88 | ----- | 24°53'00" | 2082306.08 | 7129350.82 | 2082346.04 | 7129485.57 |
| (L2) | 19+68.61 | 20+38.59 | LINE | 69.97 | | ----- | N61°49'28"E | 2082346.04 | 7129485.57 | 2082379.08 | 7129547.25 |
| (C4) | 20+38.59 | 21+43.27 | CURVE RIGHT | 104.68 | 119.95 | ----- | 50°00'03" | 2082379.08 | 7129547.25 | 2082384.69 | 7129648.48 |
| (C5) | 21+43.27 | 23+85.57 | CURVE LEFT | 242.30 | 599.77 | ----- | 23°06'49" | 2082384.69 | 7129648.48 | 2082341.87 | 7129885.30 |
| (L3) | 23+85.57 | 25+07.98 | LINE | 122.40 | | ----- | N88°40'38"E | 2082341.87 | 7129885.30 | 2082344.69 | 7130007.67 |
| (L4) | 25+07.98 | 25+84.74 | LINE | 76.76 | | ----- | N88°40'31"E | 2082344.69 | 7130007.67 | 2082346.47 | 7130084.41 |
| (C6) | 25+84.74 | 30+06.91 | CURVE LEFT | 422.17 | 574.82 | ----- | 42°04'49" | 2082346.47 | 7130084.41 | 2082503.51 | 7130466.12 |
| (L5) | 30+06.91 | 32+95.33 | LINE | 288.42 | | ----- | N46°35'38"E | 2082503.51 | 7130466.12 | 2082701.71 | 7130675.66 |
| (C7) | 32+95.33 | 37+78.57 | CURVE LEFT | 483.24 | 774.70 | ----- | 35°44'23" | 2082701.71 | 7130675.66 | 2083188.54 | 7130904.15 |
| (C8) | 37+78.57 | 39+32.86 | CURVE RIGHT | 154.10 | 179.43 | ----- | 49°12'19" | 2083188.54 | 7130904.15 | 2083240.33 | 7130990.82 |
| (L6) | 39+32.86 | 40+40.43 | LINE | 107.77 | | ----- | N60°03'38"E | 2083240.33 | 7130990.82 | 2083294.12 | 7131084.21 |
| (L7) | 40+40.43 | 42+95.12 | LINE | 254.68 | | ----- | N60°03'38"E | 2083294.12 | 7131084.21 | 2083421.23 | 7131304.91 |
| (C9) | 42+95.12 | 43+84.04 | CURVE LEFT | 88.92 | 199.92 | ----- | 25°28'58" | 2083421.23 | 7131304.91 | 2083481.01 | 7131369.74 |
| (L8) | 43+84.04 | 46+39.60 | LINE | 255.56 | | ----- | N34°34'38"E | 2083481.01 | 7131369.74 | 2083691.43 | 7131514.77 |
| (C10) | 46+39.60 | 48+00.40 | CURVE RIGHT | 160.80 | 124.95 | ----- | 73°44'03" | 2083691.43 | 7131514.77 | 2083739.15 | 7131656.91 |
| (L9) | 48+00.40 | 51+46.43 | LINE | 346.03 | | ----- | S71°41'22"E | 2083739.15 | 7131656.91 | 2083630.43 | 7131985.42 |

'O' LINE
14+42.50 TO 51+46.43 **1**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|----------|------------|------------|------------|------------|
| (C11) | 17+00 | 18+69.48 | CURVE RIGHT | 169.48 | 974.63 | ----- | 95°7'48" | 2082125.08 | 7129428.23 | 2082141.87 | 7129586.66 |

'P1' LINE
17+00 TO 18+69.48 **2**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (L10) | 82+00 | 83+00.36 | LINE | 100.36 | | ----- | N41°58'38"E | 2082767.31 | 7130609.66 | 2083313.83 | 7130676.99 |
| (C12) | 83+00.36 | 83+95 | CURVE RIGHT | 94.65 | 299.89 | ----- | 18°04'59" | 2083313.83 | 7130676.99 | 2083447.73 | 7130750.06 |
| (L11) | 83+95 | 86+41.71 | LINE | 246.71 | | ----- | N60°03'38"E | 2083447.73 | 7130750.06 | 2083570.85 | 7130963.84 |
| (C13) | 86+41.71 | 87+77.78 | CURVE LEFT | 136.07 | 602.59 | ----- | 12°56'16" | 2083570.85 | 7130963.84 | 2083651.44 | 7131073.12 |
| (L12) | 87+77.78 | 88+48.40 | LINE | 71.62 | | ----- | N47°07'38"E | 2083651.44 | 7131073.12 | 2083700.17 | 7131125.61 |
| (L13) | 88+48.40 | 92+58.34 | LINE | 409.94 | | ----- | N47°07'38"E | 2083700.17 | 7131125.61 | 2083978.40 | 7131425.30 |
| (C14) | 92+58.34 | 94+30.89 | CURVE LEFT | 172.55 | 598.85 | ----- | 16°28'53" | 2083978.40 | 7131425.30 | 2084112.25 | 7131533.25 |
| (L14) | 94+30.89 | 99+72.55 | LINE | 541.67 | | ----- | N30°38'38"E | 2084112.25 | 7131533.25 | 2084578.27 | 7131809.34 |
| (C15) | 99+72.55 | 99+82.71 | CURVE LEFT | 10.16 | 311.78 | ----- | 1°51'59" | 2084578.27 | 7131809.34 | 2084587.09 | 7131814.37 |
| (L15) | 99+82.71 | 104+55.83 | LINE | 473.12 | | ----- | N28°42'13"E | 2084587.09 | 7131814.37 | 2085002.07 | 7132041.60 |
| (L16) | 104+55.83 | 108+21.76 | LINE | 365.93 | | ----- | N28°42'13"E | 2085002.07 | 7132041.60 | 2085323.04 | 7132217.35 |
| (C16) | 108+21.76 | 109+79.28 | CURVE RIGHT | 157.52 | 149.93 | ----- | 60°11'42" | 2085323.04 | 7132217.35 | 2085400.94 | 7132345.97 |
| (L17) | 109+79.28 | 110+72.05 | LINE | 92.77 | | ----- | N88°53'38"E | 2085400.94 | 7132345.97 | 2085402.73 | 7132438.73 |

'CA3' LINE
82+00 TO 110+72.05 **3**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (L18) | 10+00 | 10+24.91 | CURVE LEFT | 24.91 | | ----- | N29°56'22"W | 2083394.12 | 7131084.21 | 2083315.71 | 7131071.78 |
| (C17) | 10+24.91 | 11+28.67 | CURVE RIGHT | 103.76 | 99.96 | ----- | 59°28'17" | 2083315.71 | 7131071.78 | 2083414.87 | 7131071.42 |
| (L19) | 11+28.67 | 13+00.83 | LINE | 172.16 | | ----- | N29°31'52"E | 2083414.87 | 7131071.42 | 2083564.67 | 7131156.28 |
| (C18) | 13+00.83 | 14+27.16 | CURVE LEFT | 126.33 | 99.96 | ----- | 72°24'23" | 2083564.67 | 7131156.28 | 2083681.95 | 7131142.57 |
| (L20) | 14+27.16 | 14+52.06 | LINE | 24.90 | | ----- | N42°52'22"W | 2083681.95 | 7131142.57 | 2083700.20 | 7131125.62 |

'C' LINE
10+00 TO 14+52.06 **4**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|---------|--------|-------------|------------|------------|------------|------------|
| (L21) | 10+00 | 10+83.42 | LINE | 83.42 | | ----- | N29°56'22"W | 2082743.91 | 7131147.30 | 2082816.19 | 7131105.66 |
| (C19) | 10+83.42 | 12+79.69 | CURVE RIGHT | 196.28 | 124.95 | ----- | 90°00'00" | 2082816.19 | 7131105.66 | 2082986.83 | 7131151.58 |
| (L22) | 12+79.69 | 15+73.18 | LINE | 293.49 | | ----- | N60°03'38"E | 2082986.83 | 7131151.58 | 2083133.31 | 7131405.90 |
| (C20) | 15+73.18 | 21+56.12 | CURVE LEFT | 582.94 | 800.00 | ----- | 41°45'00" | 2083133.31 | 7131405.90 | 2083575.22 | 7131766.13 |
| (L23) | 21+56.12 | 22+77.41 | LINE | 121.29 | | ----- | N18°18'38"E | 2083575.22 | 7131766.13 | 2083590.36 | 7131804.24 |
| (L24) | 22+77.41 | 22+79.41 | LINE | 2.00 | | ----- | S71°41'22"E | 2083590.36 | 7131804.24 | 2083689.73 | 7131806.13 |
| (L25) | 22+79.41 | 28+57.44 | LINE | 578.03 | | ----- | N18°18'38"E | 2083689.73 | 7131806.13 | 2084238.49 | 7131987.73 |
| (C21) | 28+57.44 | 30+17.31 | CURVE RIGHT | 159.87 | 1334.00 | ----- | 6°52'00" | 2084238.49 | 7131987.73 | 2084386.90 | 7132046.92 |
| (L26) | 30+17.31 | 38+20.06 | LINE | 802.75 | | ----- | N25°10'38"E | 2084386.90 | 7132046.92 | 2085113.39 | 7132388.43 |
| (C22) | 38+20.06 | 38+96.81 | CURVE RIGHT | 76.75 | 139.25 | ----- | 31°34'47" | 2085113.39 | 7132388.43 | 2085170.62 | 7132438.11 |
| (L27) | 38+96.81 | 39+40.84 | LINE | 44.03 | | ----- | N58°44'38"E | 2085170.62 | 7132438.11 | 2085194.76 | 7132474.93 |

'T' LINE
10+00 TO 39+40.84 **5**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (L28) | 63+84.42 | 66+00 | LINE | 215.58 | | ----- | N26°02'28"E | 2085024.84 | 7132562.12 | 2085218.54 | 7132656.76 |

'P2' LINE
63+84.42 TO 66+00 **6**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|------------|------------|------------|------------|------------|
| (L29) | 47+00 | 48+52.12 | LINE | 152.12 | | ----- | S0°46'38"E | 2085471.12 | 7132457.65 | 2085319.02 | 7132439.71 |
| (C23) | 48+52.12 | 50+68.74 | CURVE LEFT | 216.62 | 230.00 | ----- | 53°57'49" | 2085319.02 | 7132439.71 | 2085134.33 | 7132536.92 |
| (L30) | 50+68.74 | 51+21 | LINE | 52.25 | | ----- | S5°44'28"E | 2085134.33 | 7132536.92 | 2085104.16 | 7132579.58 |

'EC' LINE
47+00 TO 51+21 **7**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (L31) | 10+00 | 10+17.71 | LINE | 17.71 | | ----- | S53°08'54"E | 2085049.26 | 7132608.25 | 2085038.63 | 7132622.41 |
| (L32) | 10+17.71 | 10+24.45 | LINE | 6.75 | | ----- | N62°40'09"E | 2085038.63 | 7132622.41 | 2085041.73 | 7132628.40 |
| (L33) | 10+24.45 | 10+63.27 | LINE | 38.82 | | ----- | S72°19'53"E | 2085041.73 | 7132628.40 | 2085029.85 | 7132665.39 |
| (L34) | 10+63.27 | 11+27.71 | LINE | 64.44 | | ----- | N45°55'14"E | 2085029.85 | 7132665.39 | 2085074.77 | 7132711.68 |

'PB' LINE
10+00 TO 11+27.71 **8**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-----------|------------|------------|------------|------------|
| (C24) | 24+90.61 | 25+83.47 | CURVE RIGHT | 92.86 | 149.94 | ----- | 35°29'00" | 2081849.25 | 7128013.69 | 2081954.25 | 7128104.94 |

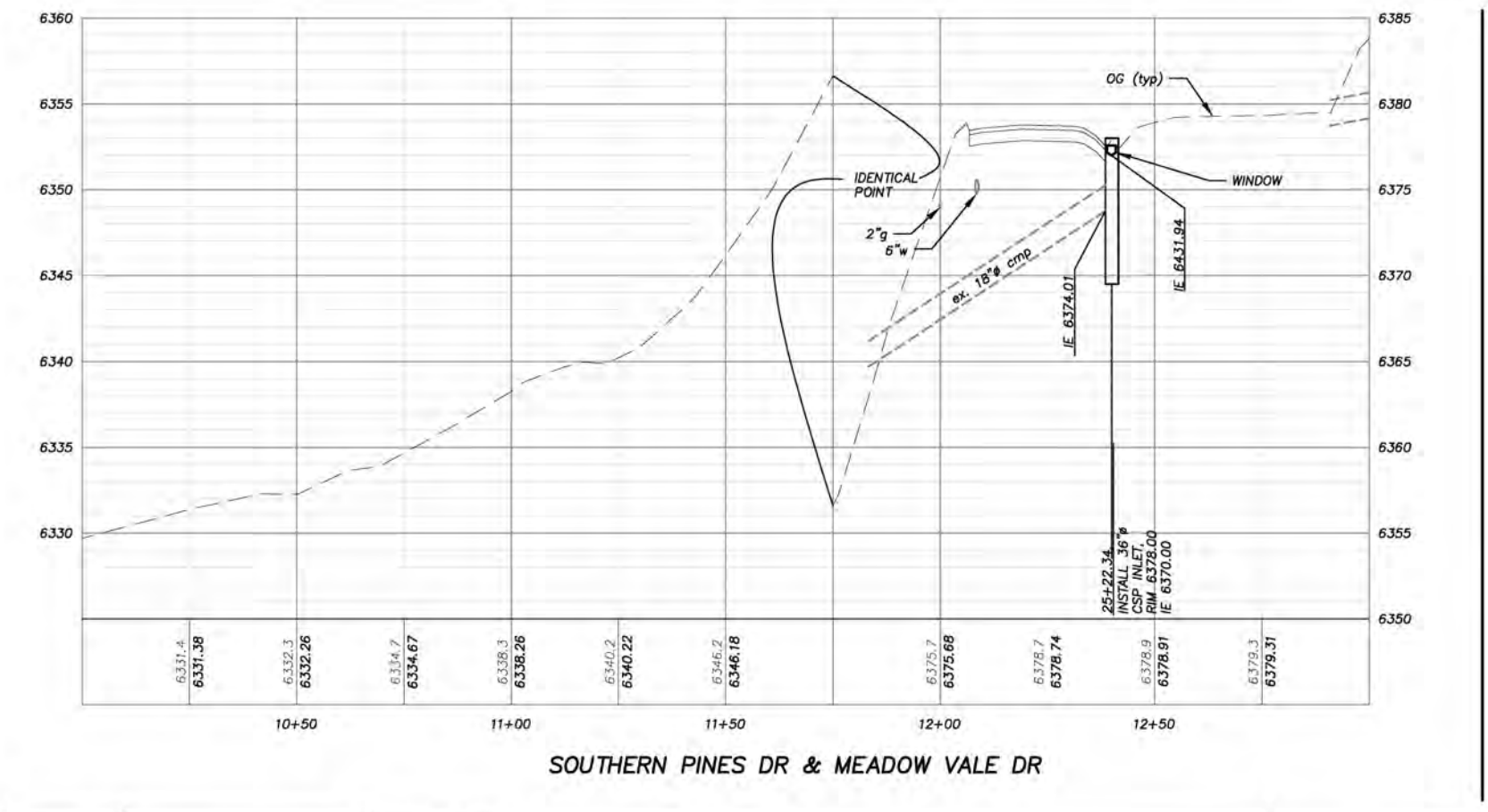
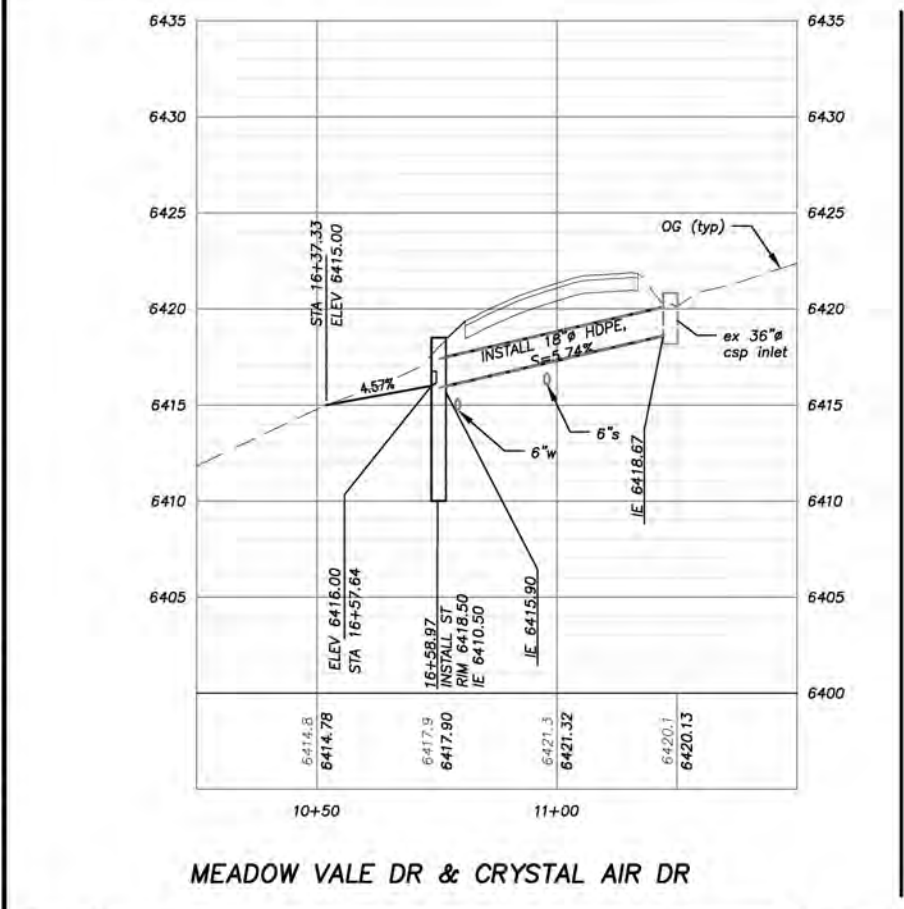
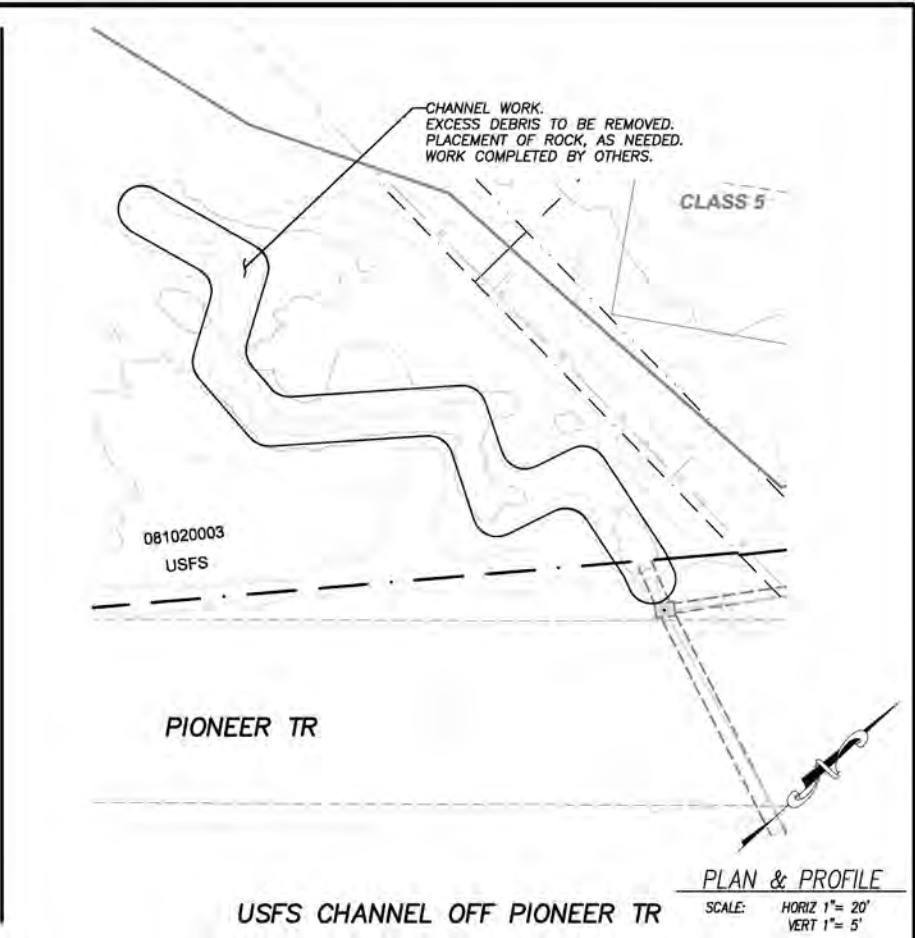
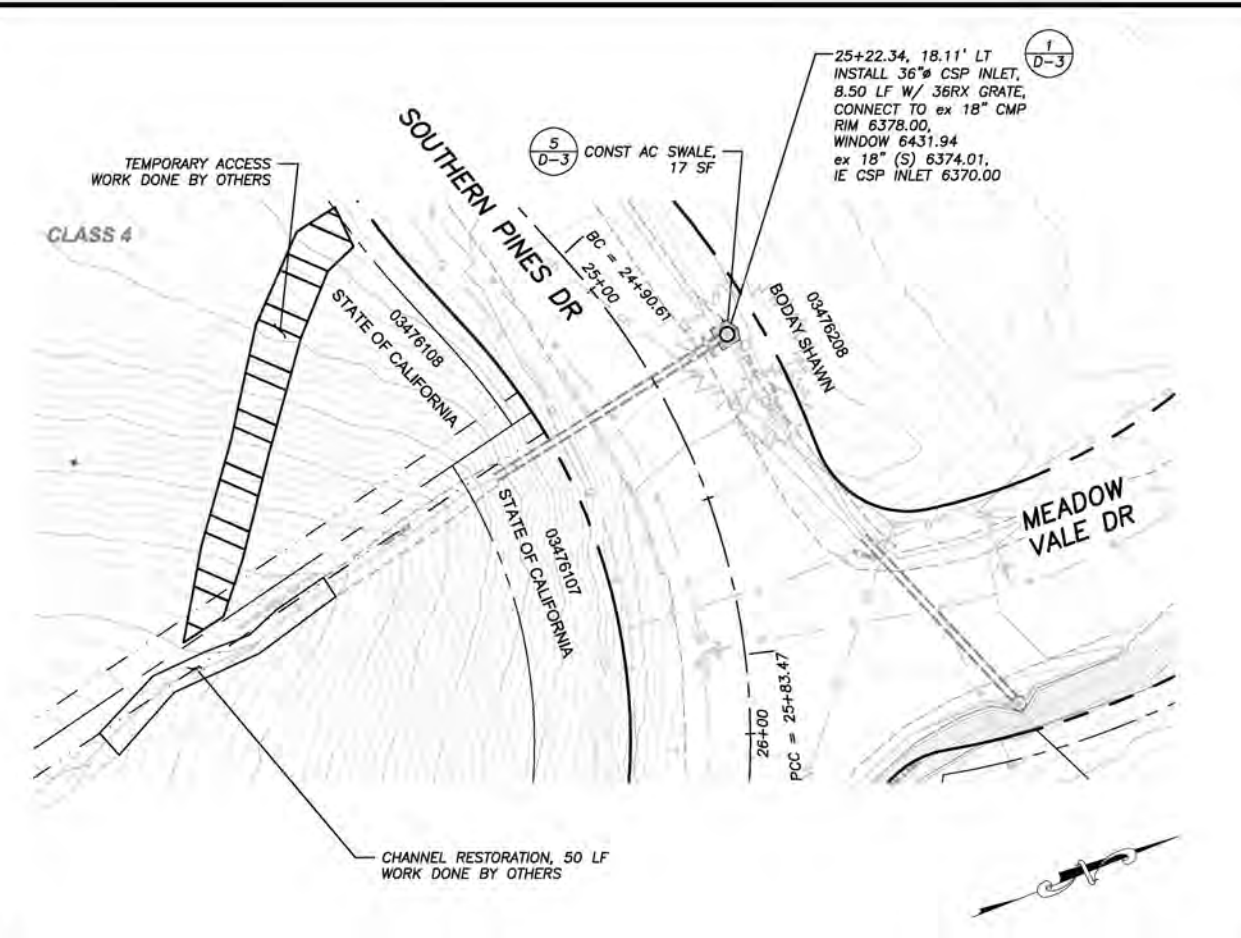
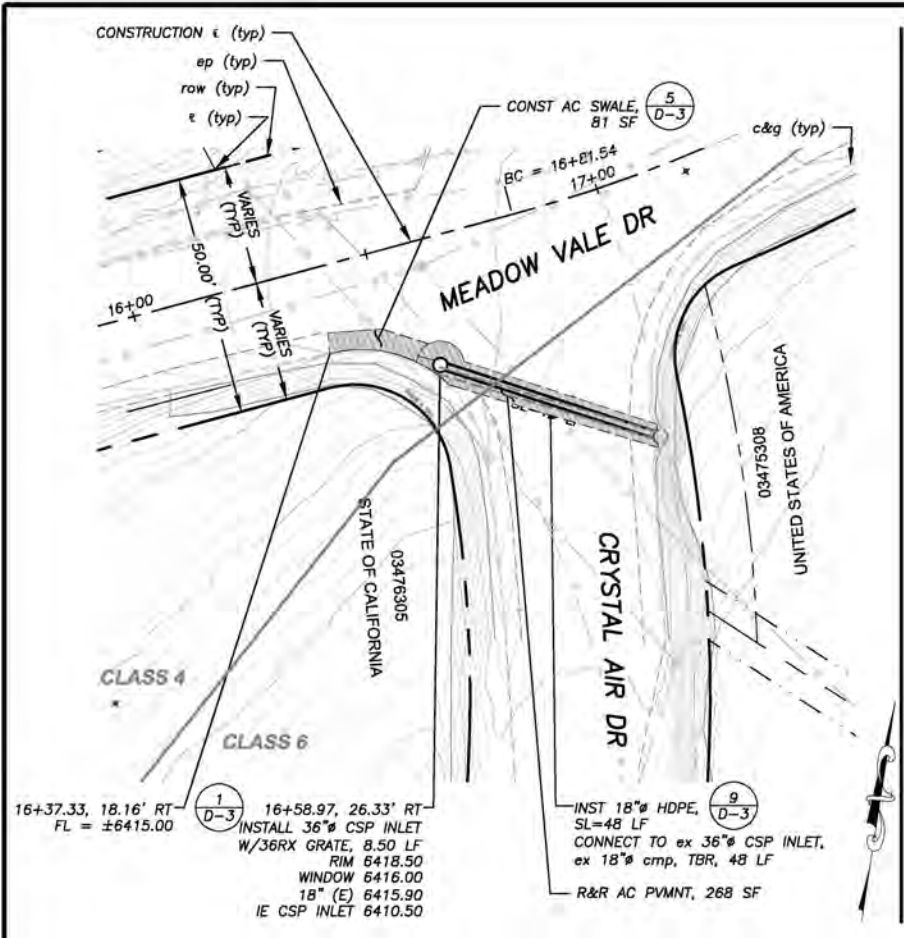
'SP' LINE
24+90.61 TO 25+83.47 **9**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (L35) | 11+37.53 | 12+23 | LINE | 85.47 | | ----- | N28°09'32"W | 2082088.02 | 7128102.20 | 2082154.73 | 7128064.53 |
| (C25) | 12+23 | 15+45.59 | CURVE RIGHT | 322.59 | 199.92 | ----- | 92°27'00" | 2082154.73 | 7128064.53 | 2082435.92 | 7128163.58 |
| (L36) | 15+45.59 | 16+81.54 | LINE | 135.95 | | ----- | N66°17'28"E | 2082435.92 | 7128163.58 | 2082490.58 | 7128288.06 |
| (C26) | 16+81.54 | 18+91.77 | CURVE RIGHT | 210.23 | 299.88 | ----- | 40°10'02" | 2082490.58 | 7128288.06 | 2082633.11 | 7128436.73 |
| (L37) | 18+91.77 | 19+85.01 | LINE | 93.23 | | ----- | N26°07'28"E | 2082633.11 | 7128436.73 | 2082716.82 | 7128477.78 |
| (C27) | 19+85.01 | 20+50.00 | CURVE RIGHT | 64.99 | 399.83 | ----- | 91°8'46" | 2082716.82 | 7128477.78 | 2082772.60 | 7128511.01 |

'MV' LINE
11+37.53 TO 20+50 **10**
SC-5

| NUMBER | BEG STATION | END STATION | DESCRIPTION | LENGTH | RADIUS | COURSE | DELTA | BEG Y | BEG X | END Y | END X |
|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|------------|------------|------------|
| (C28) | 52+71.13 | 54+60.93 | CURVE LEFT | 189.79 | 99.96 | ----- | 108°47'05" | 2082242.18 | 7128379.78 | 2082286.03 | 7128536.30 |
| (L38) | 54+60.93 | 55+51.43 | LINE | 90.51 | | ----- | N18°57'28"E | 2082286.03 | 7128536.30 | 2082371.10 | 7128567.19 |
| (C29) | 55+51.43 | 56+76.35 | LINE | 124.92 | 299.83 | ----- | 23°52'16" | 2082371.10 | 7128567.19 | 2082476.40 | 7128632.71 |
| (L39) | 56+76.35 | 58+56.28 | CURVE RIGHT | 179.93 | | ----- | N43°49'28"E | 2082476.40 | 7128632.71 | 2082606.21 | 7128757.30 |

'CA1' LINE



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.

!! 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:

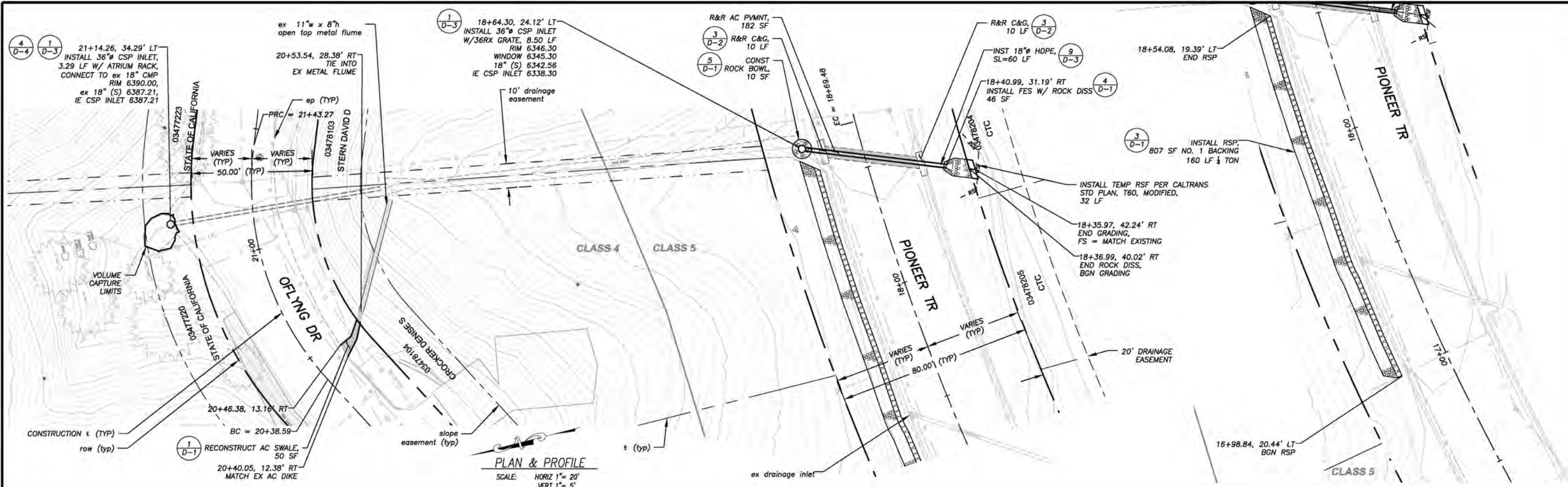
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

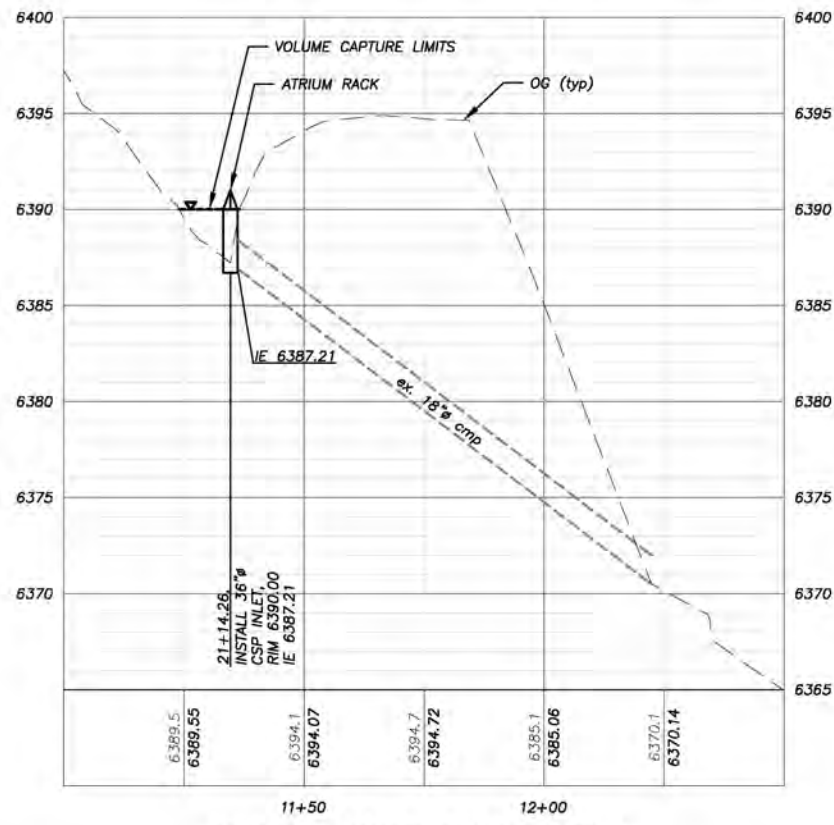
EL DORADO COUNTY
 CALIFORNIA
 COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

FLYING WATER QUALITY PROJECT
 MEADOW VALE DR & CRYSTAL AIR DR, SOUTHERN PINES DR & MEADOW VALE DR, PIONEER TR
 PLAN & PROFILE

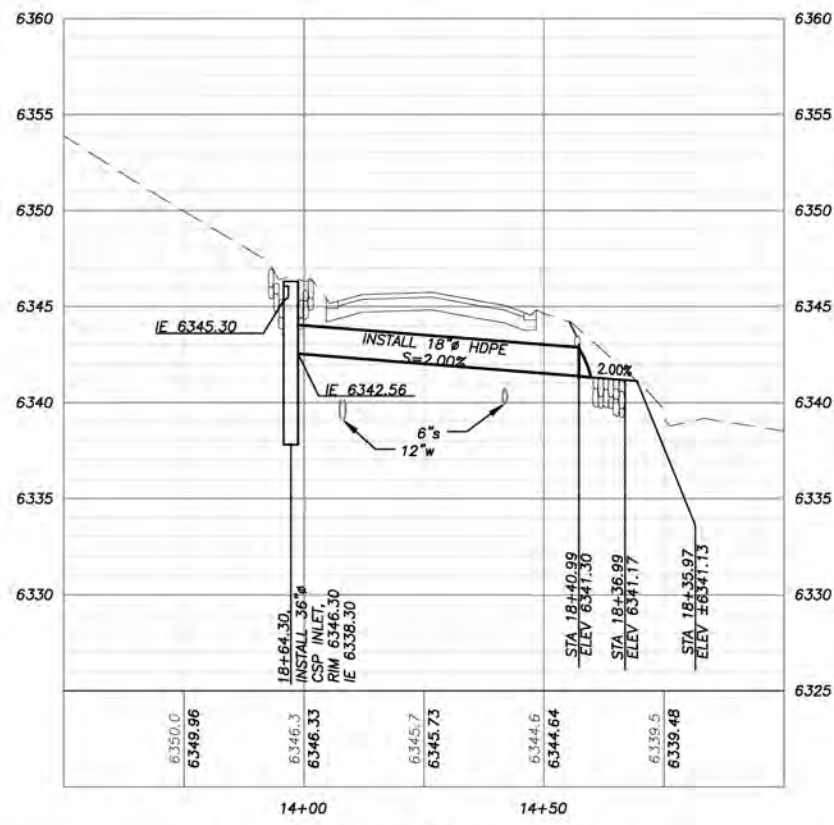
SHEET
 P-1
 9 of 32
 CONTRACT NO.
 3692
 OIP No.
 95177



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



OFLYNG CTC INUNDATION AREA



PIONEER TR NEW PIPE CROSSING

!! 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.

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 1" ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
JANUARY 11, 2022

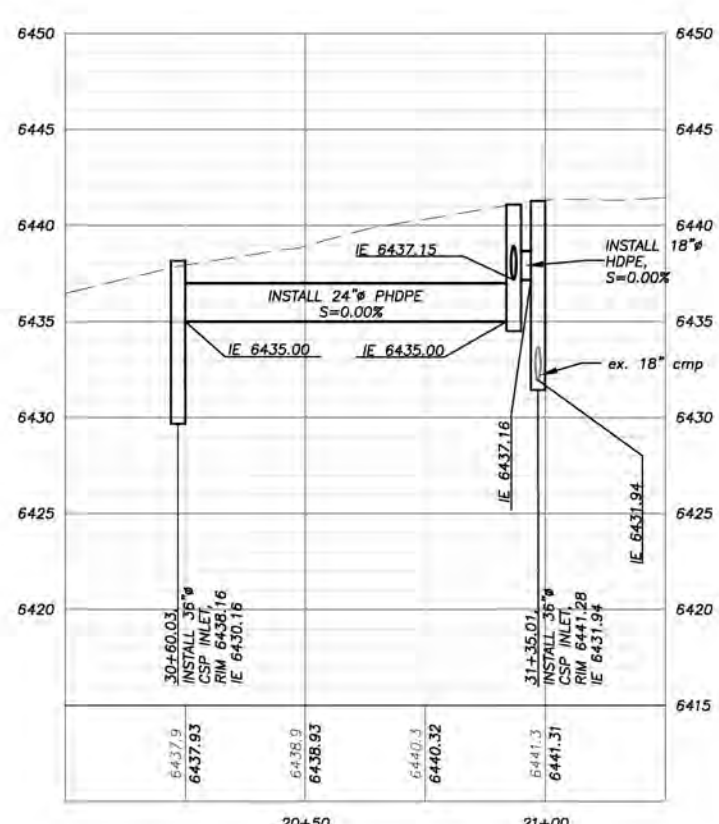
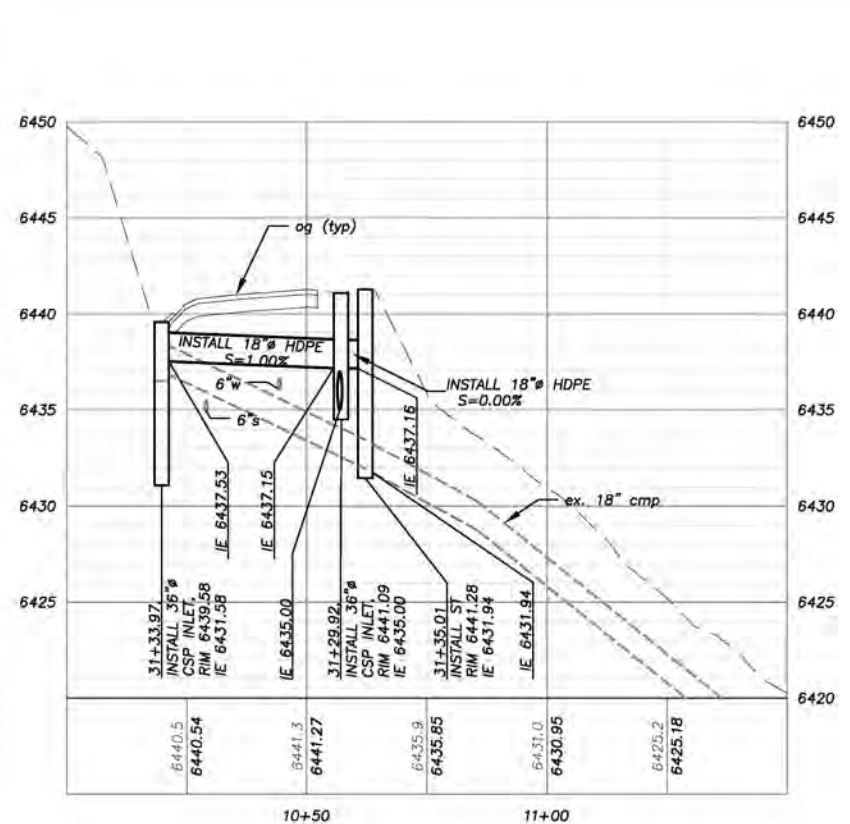
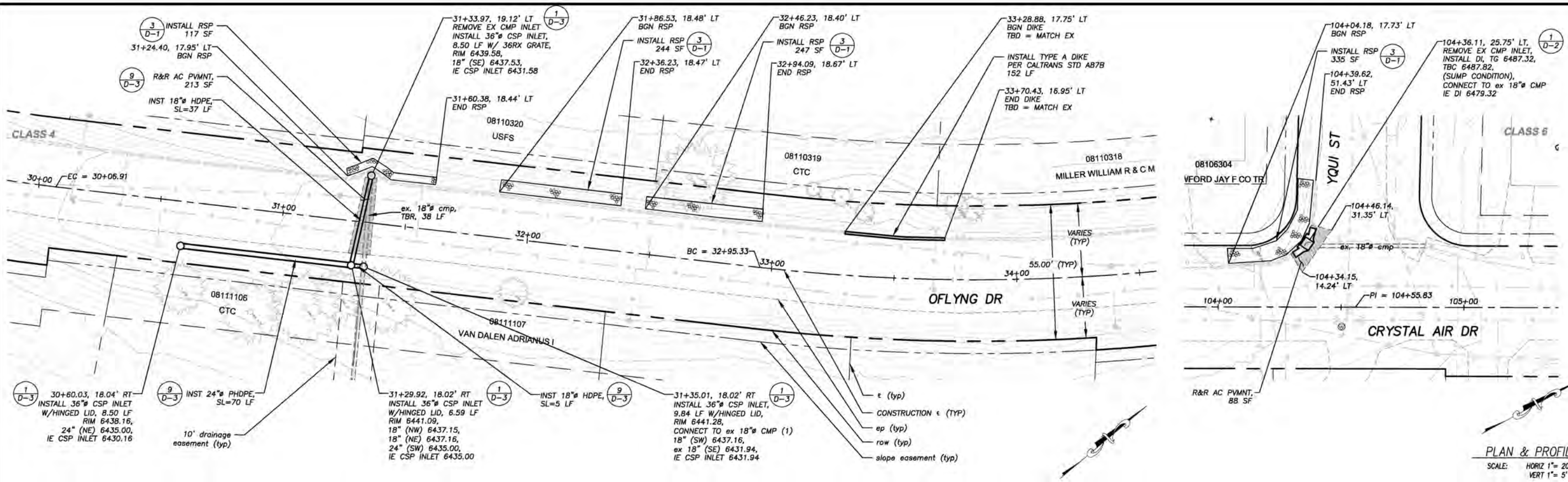
DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 01/2022
ROAD NUMBER: ---



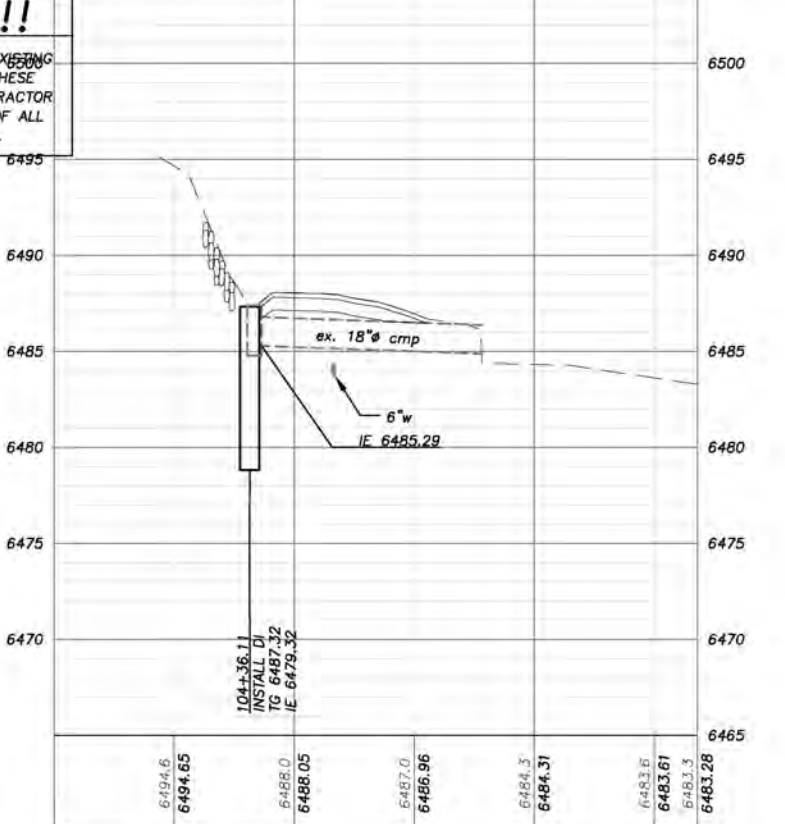
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
OFLYNG DR & PIONEER TR
PLAN & PROFILE

SHEET
P-2
10 of 32
CONTRACT NO.
3692
SIP No.
95177



!! 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.



ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 DRAWING DATE: 01/2022
 PROJECT: OFLYNG WATER QUALITY PROJECT

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

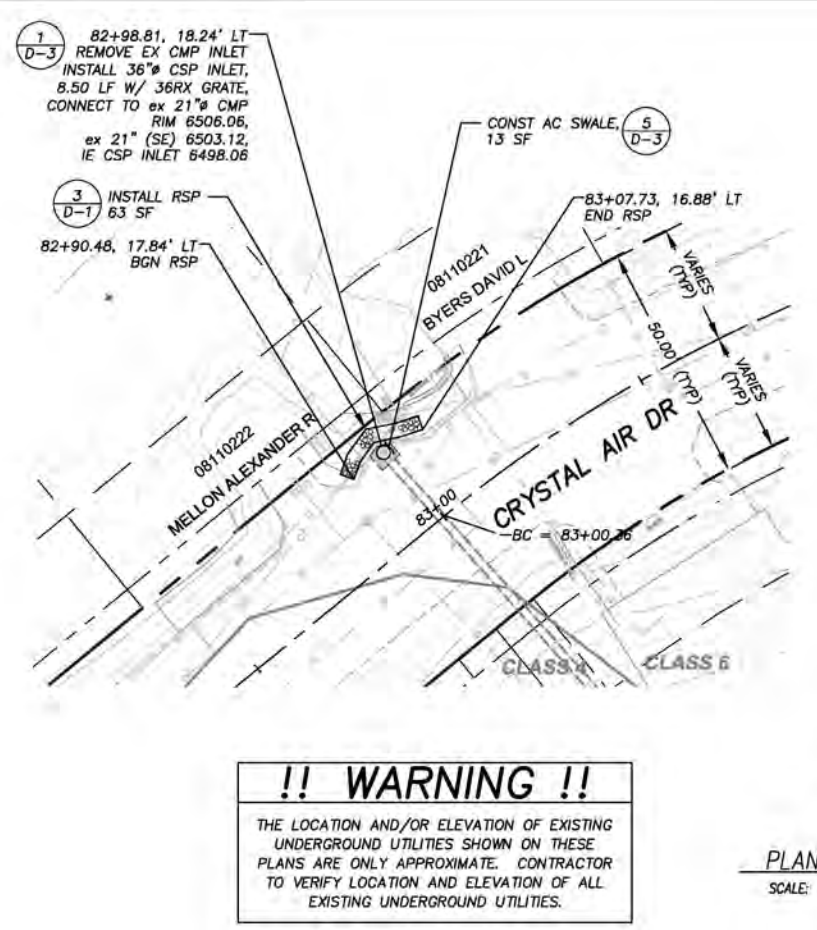
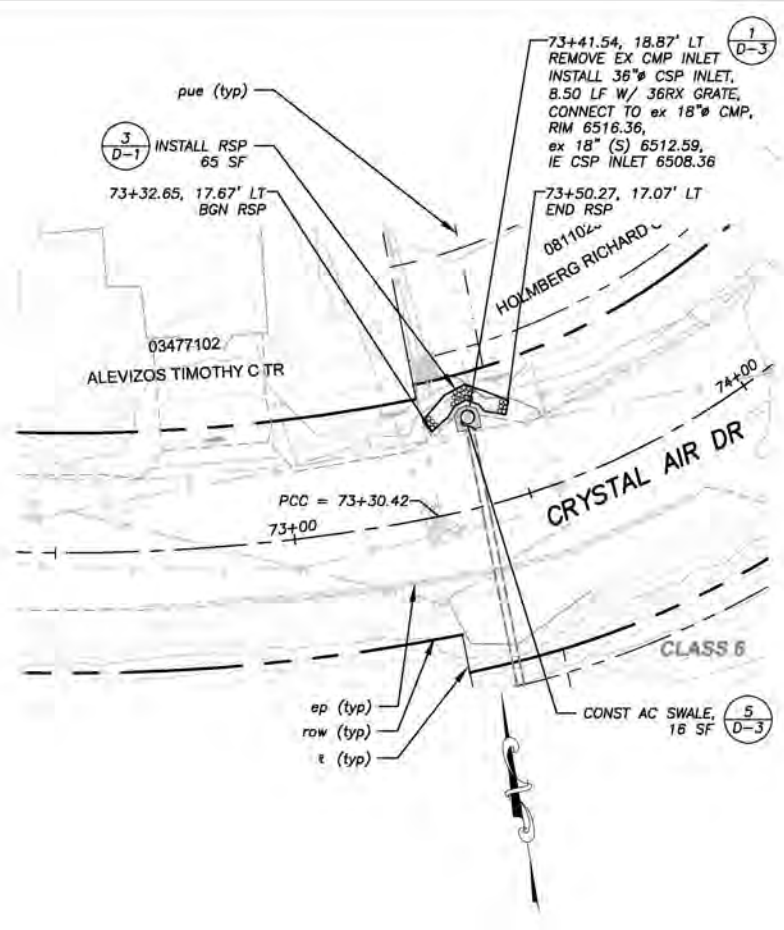
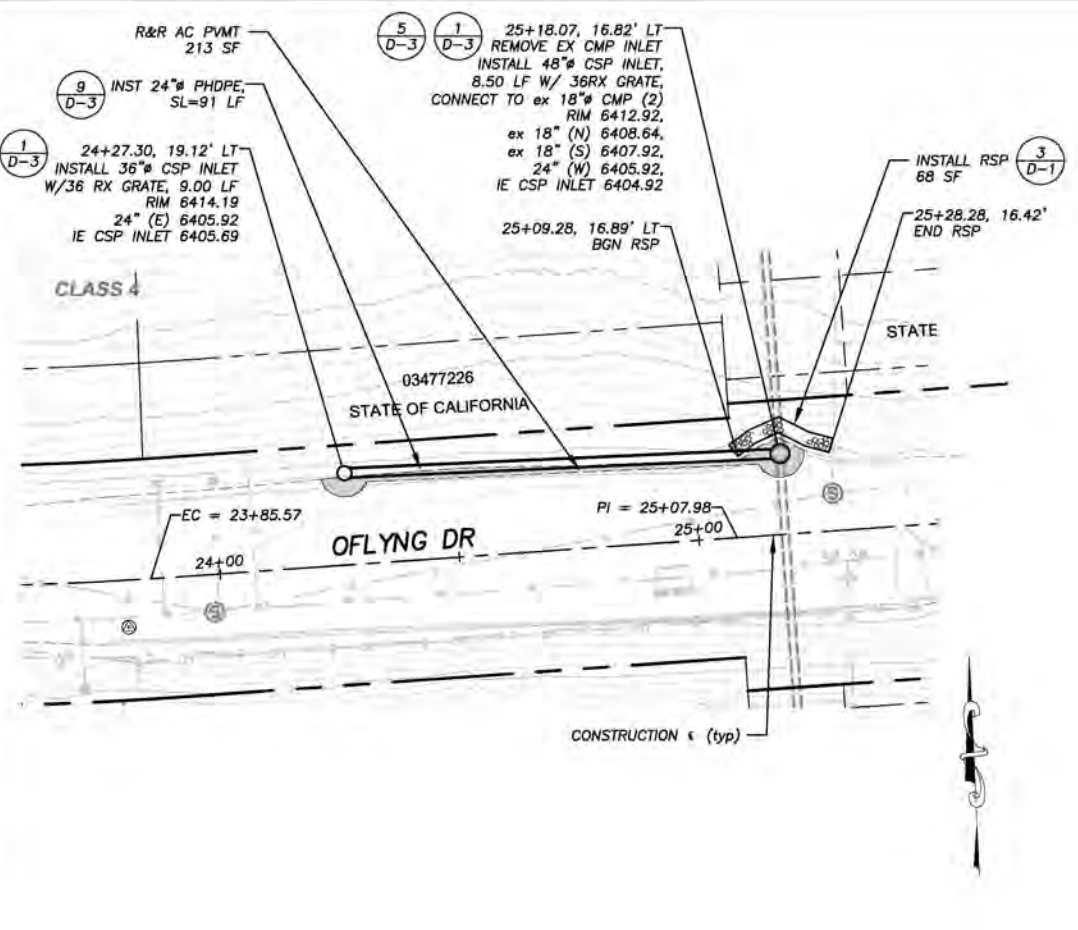
DESIGNED: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

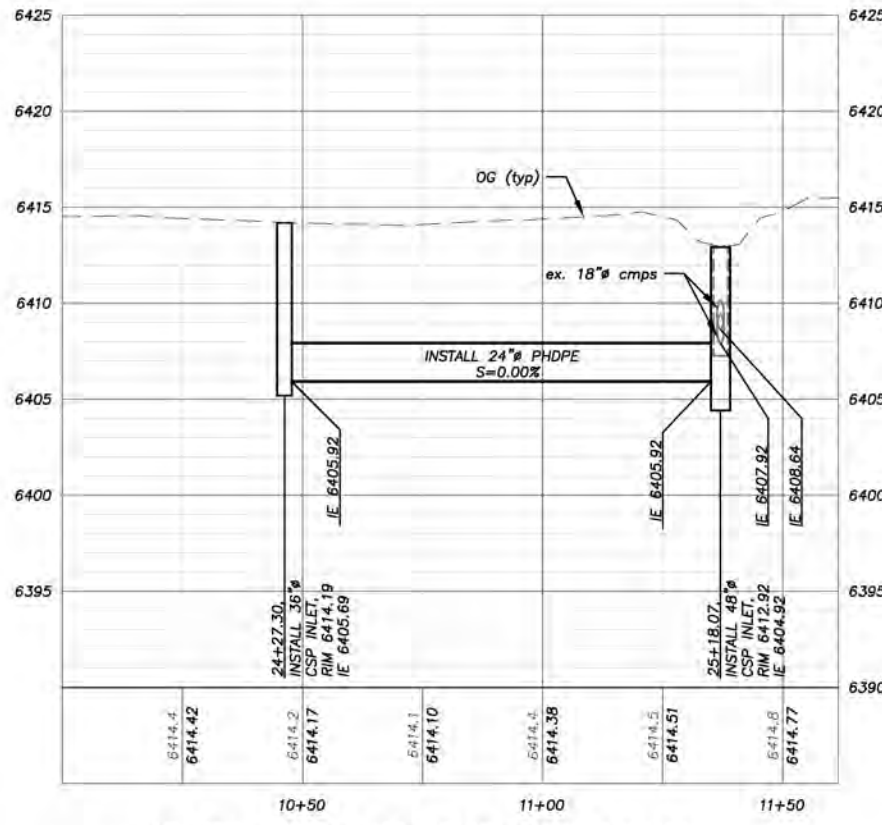
OFLYNG WATER QUALITY PROJECT
 OFLYNG DR & YQUI ST
 PLAN & PROFILE

SHEET
P-3
 11 of 32
 CONTRACT NO.
3692
 SIP No.
95177

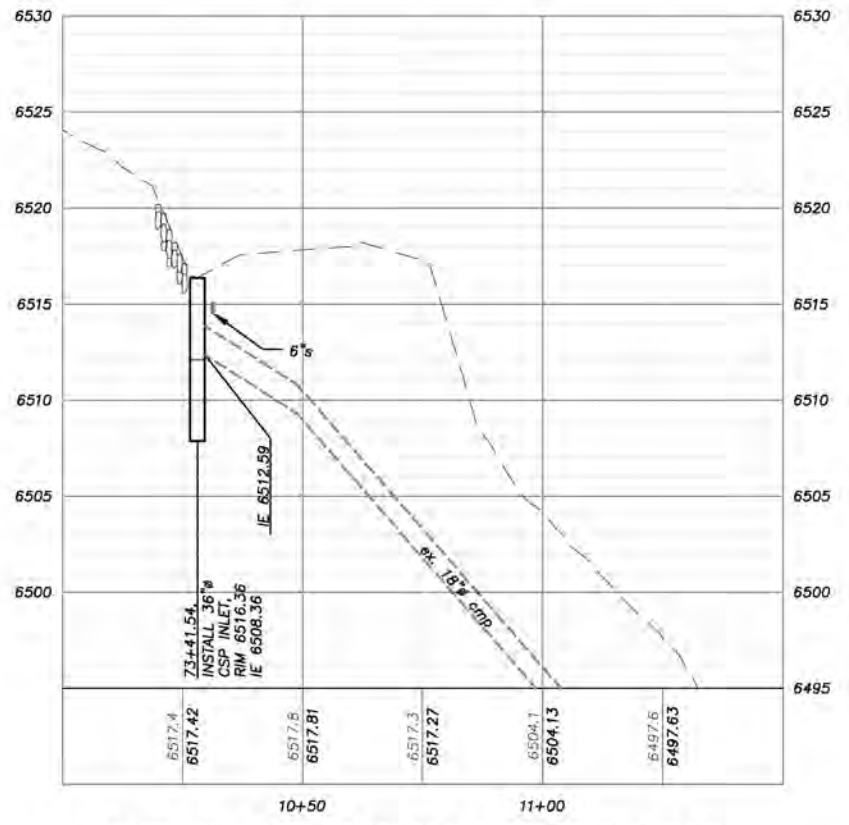


!! WARNING !!
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

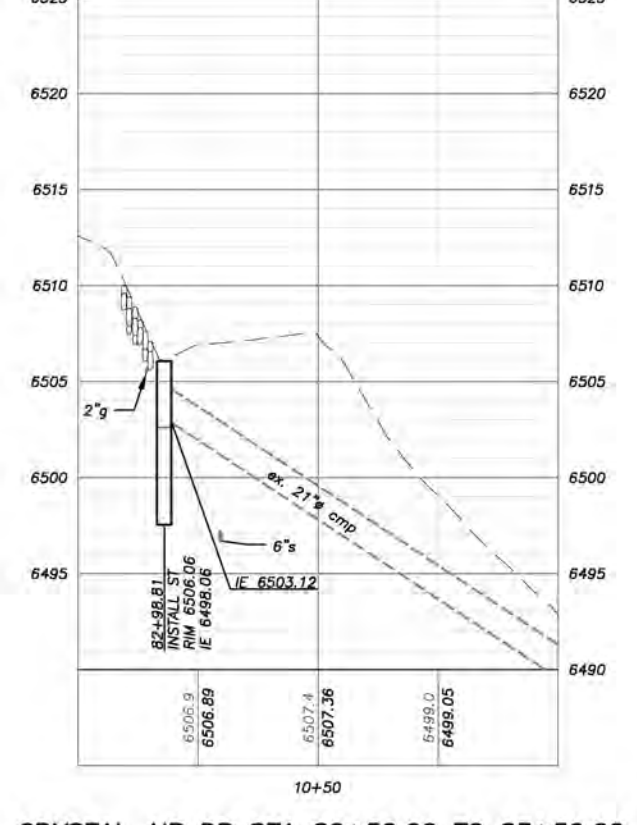
PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



OFLYNG DR STA 24+00.00 TO 25+50.00



CRYSTAL AIR DR STA 73+00.00 TO 74+00.00



CRYSTAL AIR DR STA 82+50.00 TO 83+50.00

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

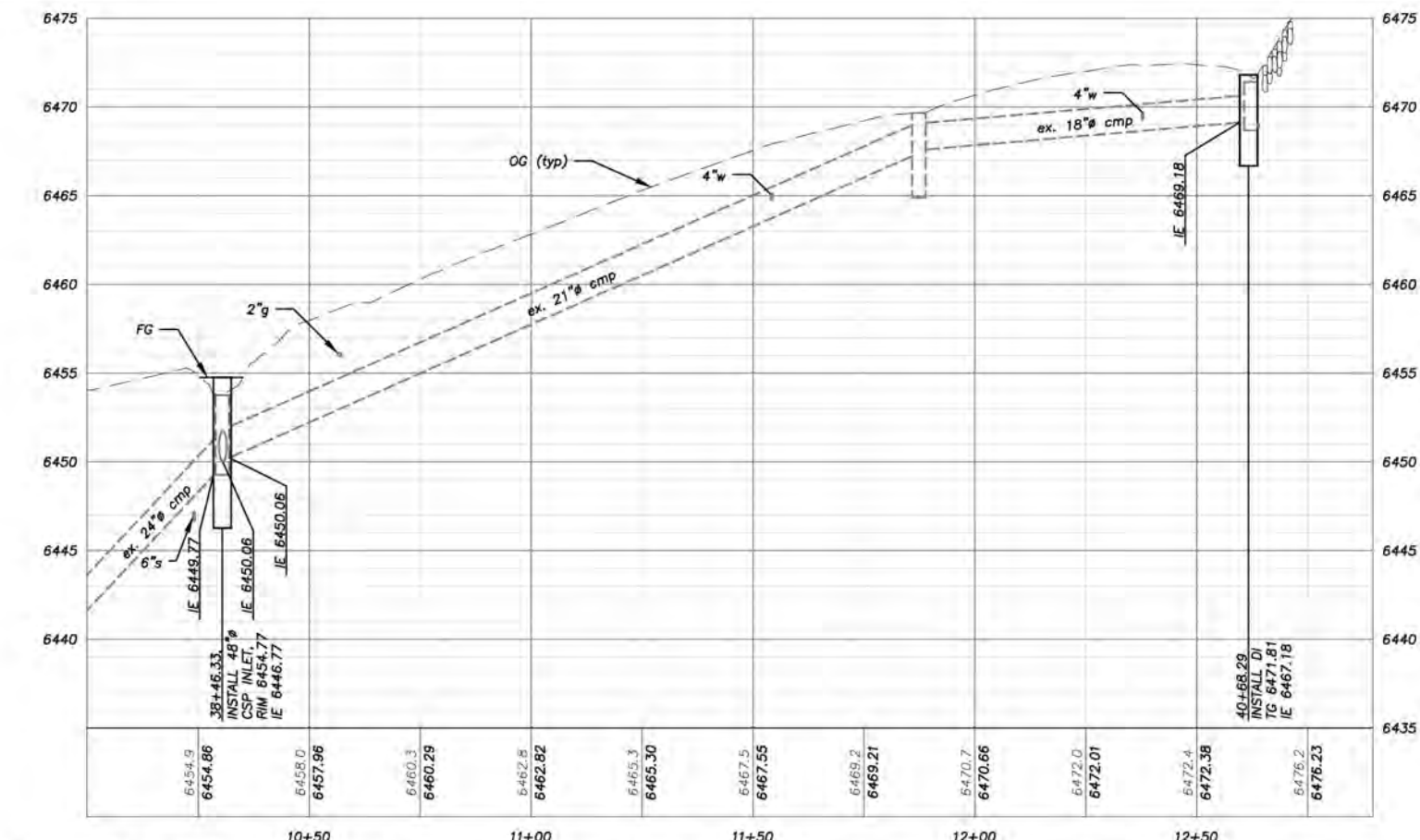
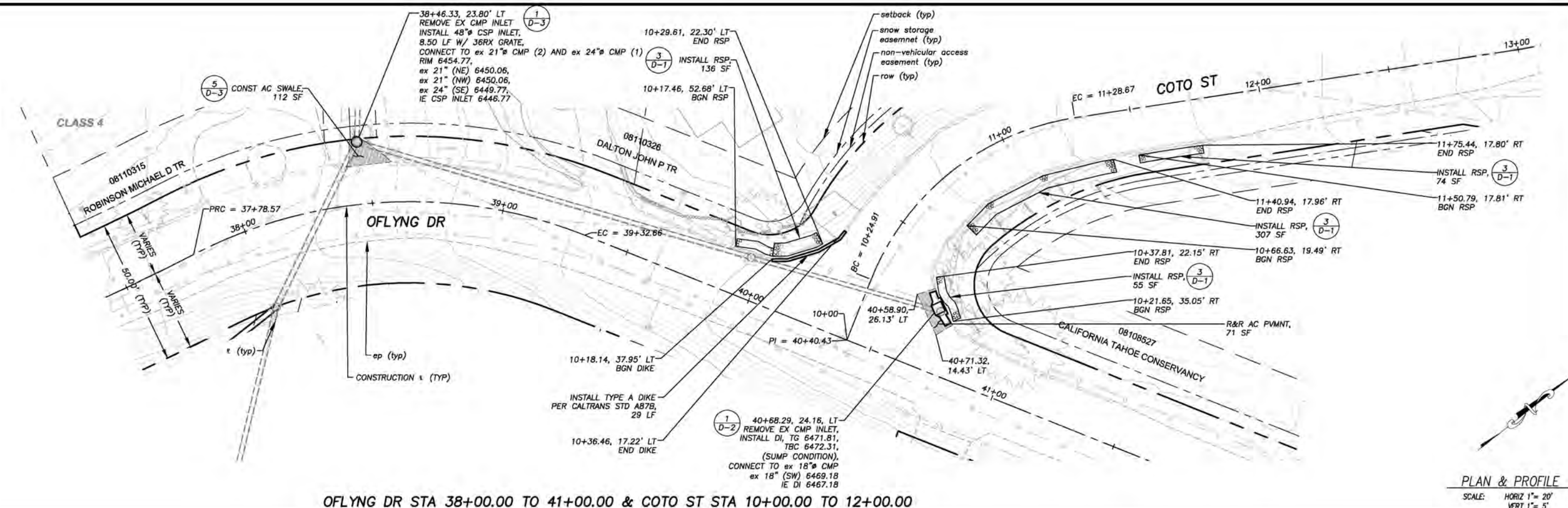


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 OFLYNG DR, CRYSTAL AIR DR
 PLAN & PROFILE

SHEET
P-4
 12 OF 32
 CONTRACT NO.
3692
 SIP No.
95177

FOR REDUCED PLANS 0 1 2 ORIGINAL SCALE IS IN INCHES DWG No. 22-0227 C 13 of 32



!! 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: **JANUARY 11, 2022**

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

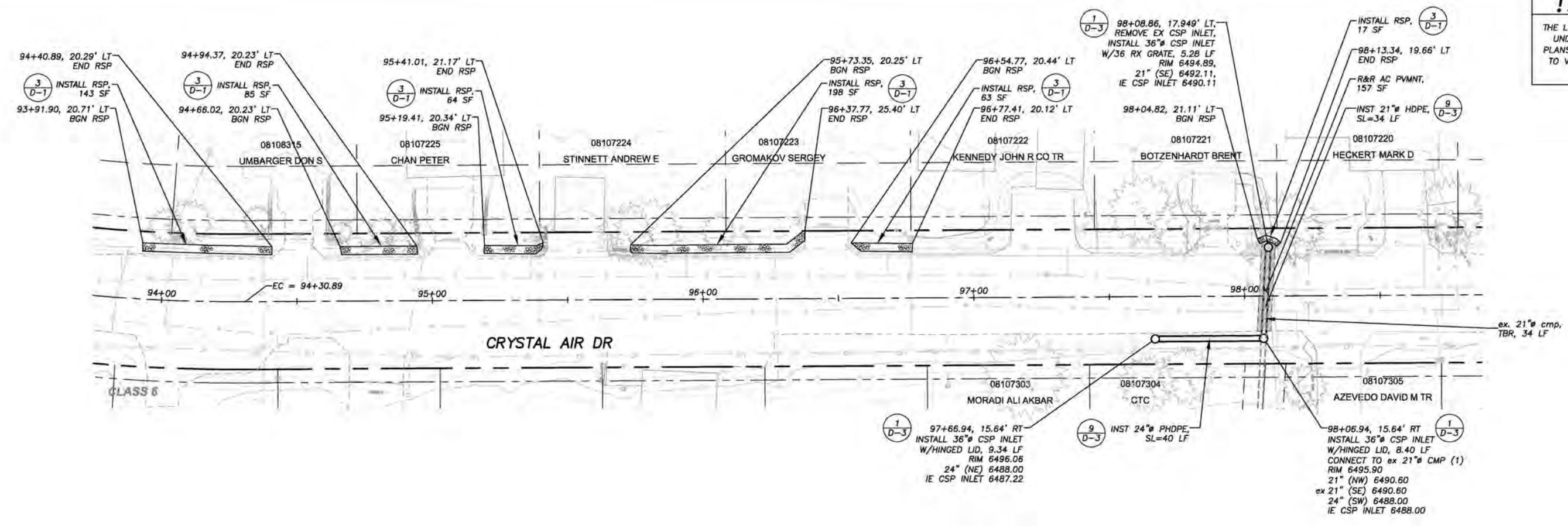


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

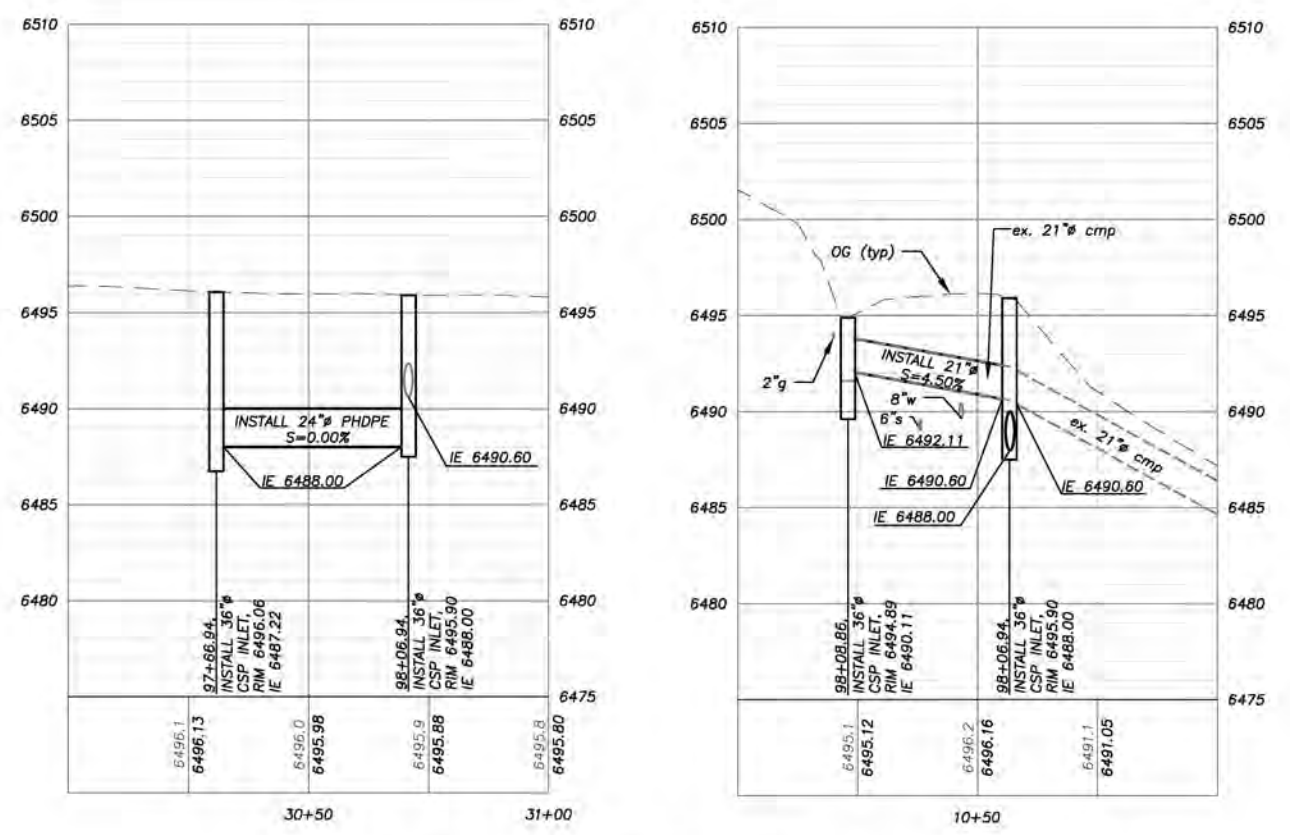
OFLYNG WATER QUALITY PROJECT
OFLYNG DR & COTO ST
PLAN & PROFILE

SHEET **P-5**
 13 of 32
 CONTRACT NO. **3692**
 SIP No. **95177**

!! 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.



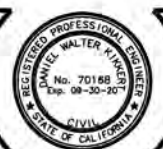
PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



CRYSTAL AIR DR STA 93+50.00 TO 98+50.00

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

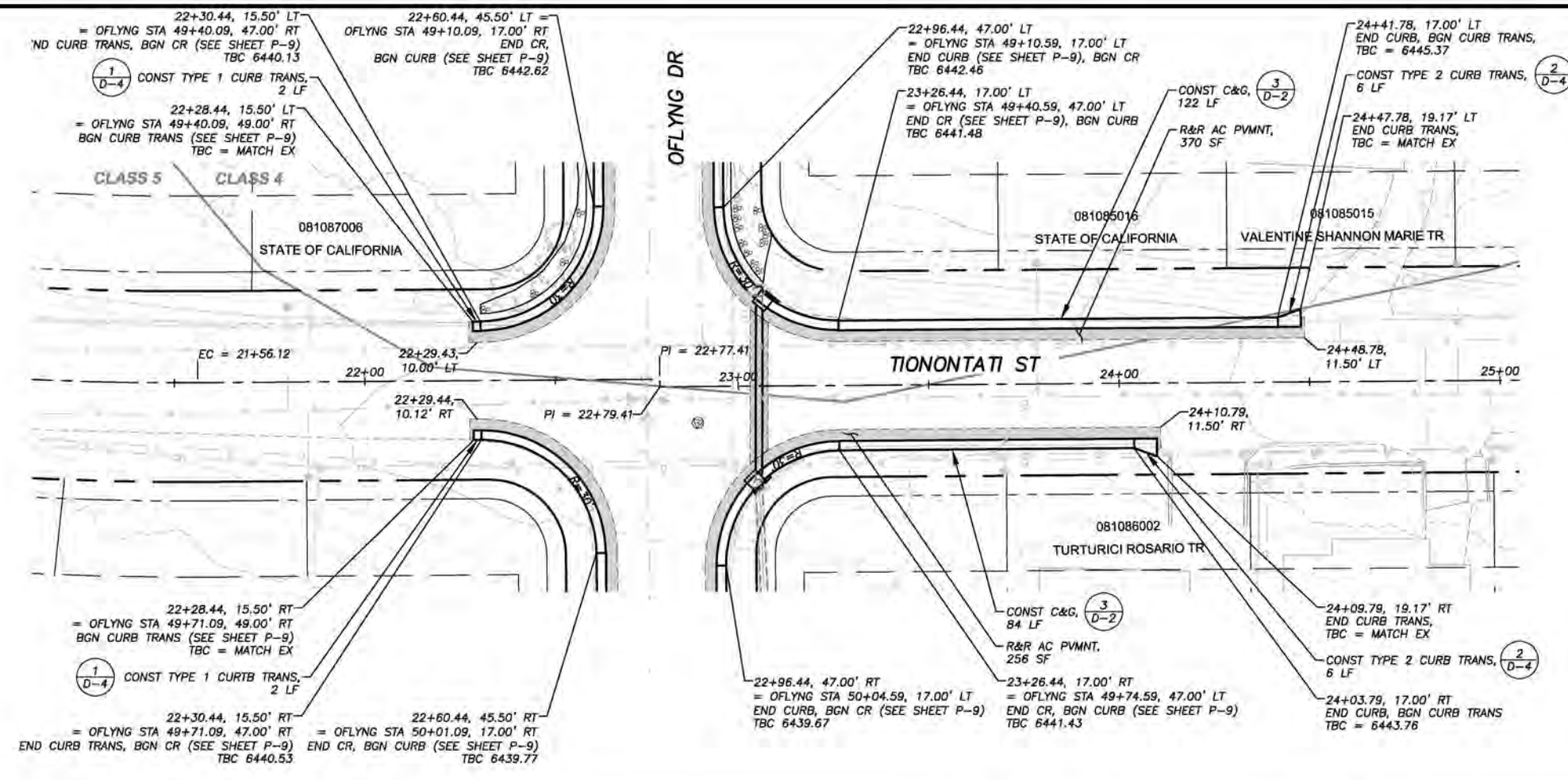


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

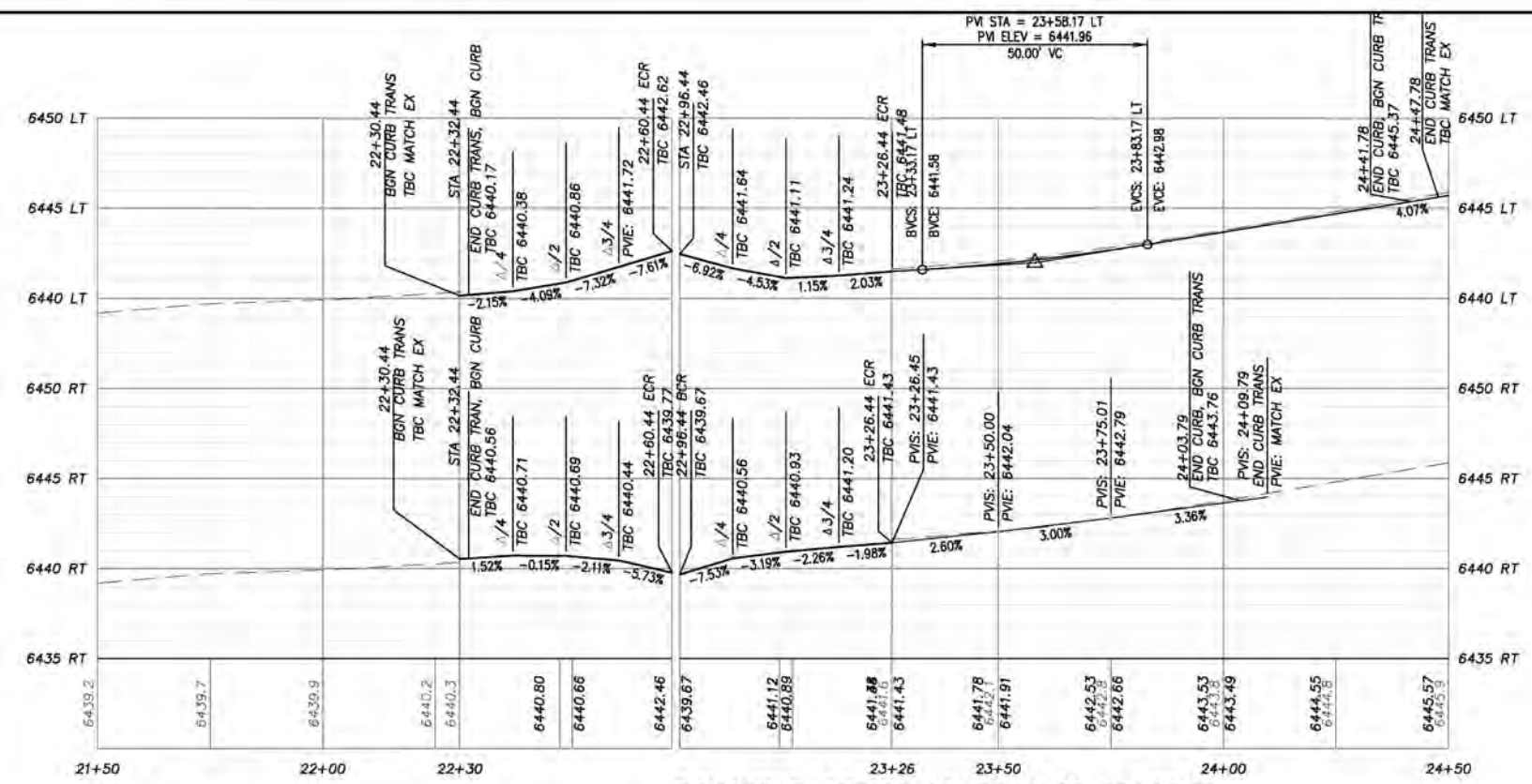
OFLYNG WATER QUALITY PROJECT
CRYSTAL AIR DR
PLAN & PROFILE

SHEET
P-7
 15 of 32
 CONTRACT NO.
3692
 SIP No.
95177

!! 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" = 5'



TIONONTATI ST STA 22+00.00 TO 25+00.00

ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 01/2022

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF
 [Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



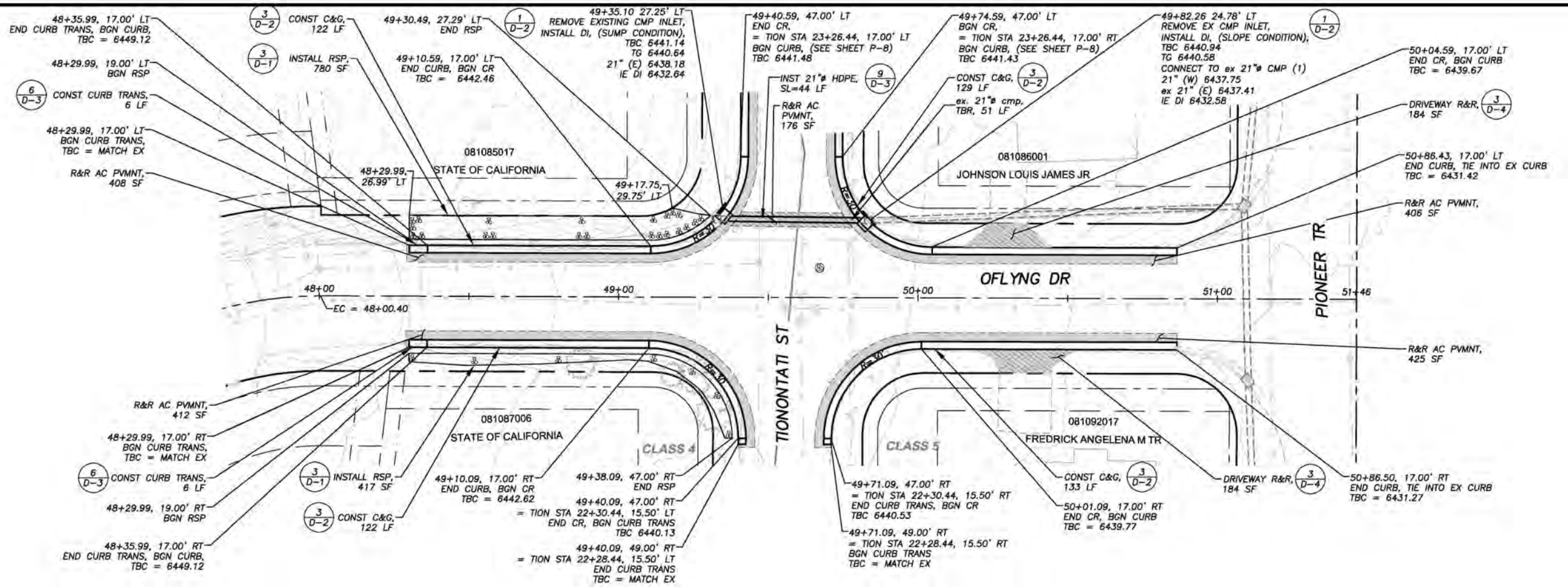
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 TIONONTATI ST & OFLYNG DR
 C&G
 PLAN & PROFILE

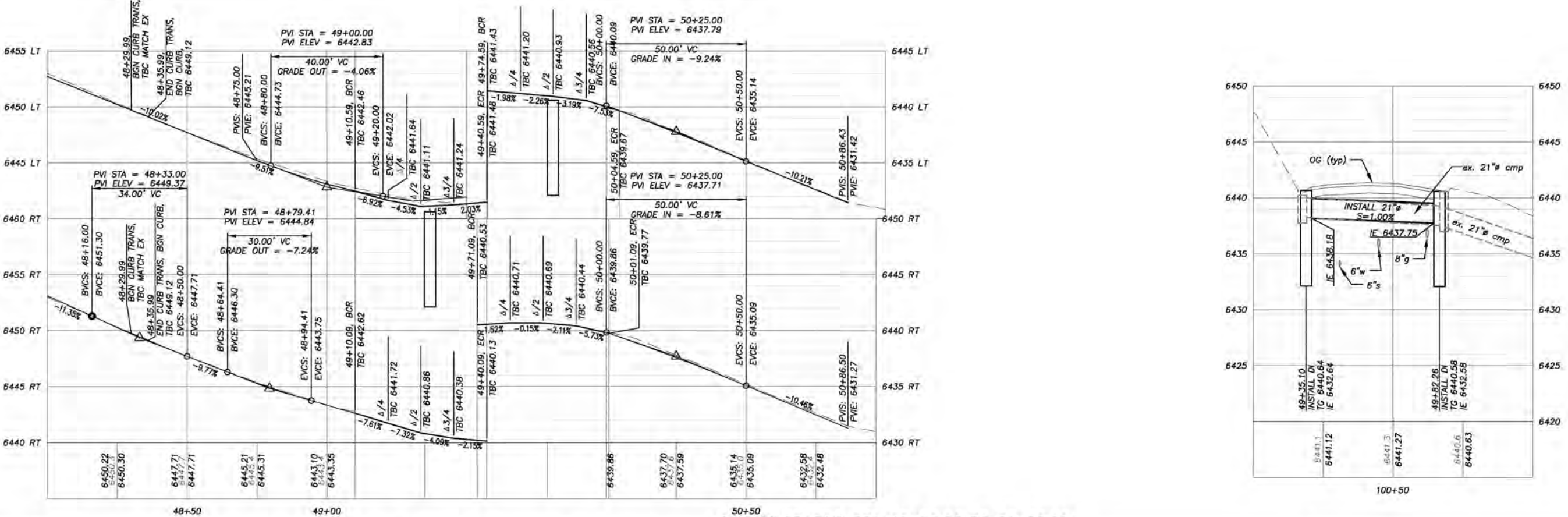
SHEET
P-8
 16 of 32
 CONTRACT NO.
3692
 DIP No.
95177

!! 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.

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.



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



OFLYNG DR C&G STA 48+00.00 TO 51+00.00

ORIGINAL SCALE IS IN INCHES
 1" = 20'
 1" = 5'
 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



PREPARED UNDER THE SUPERVISION OF
 [Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER:



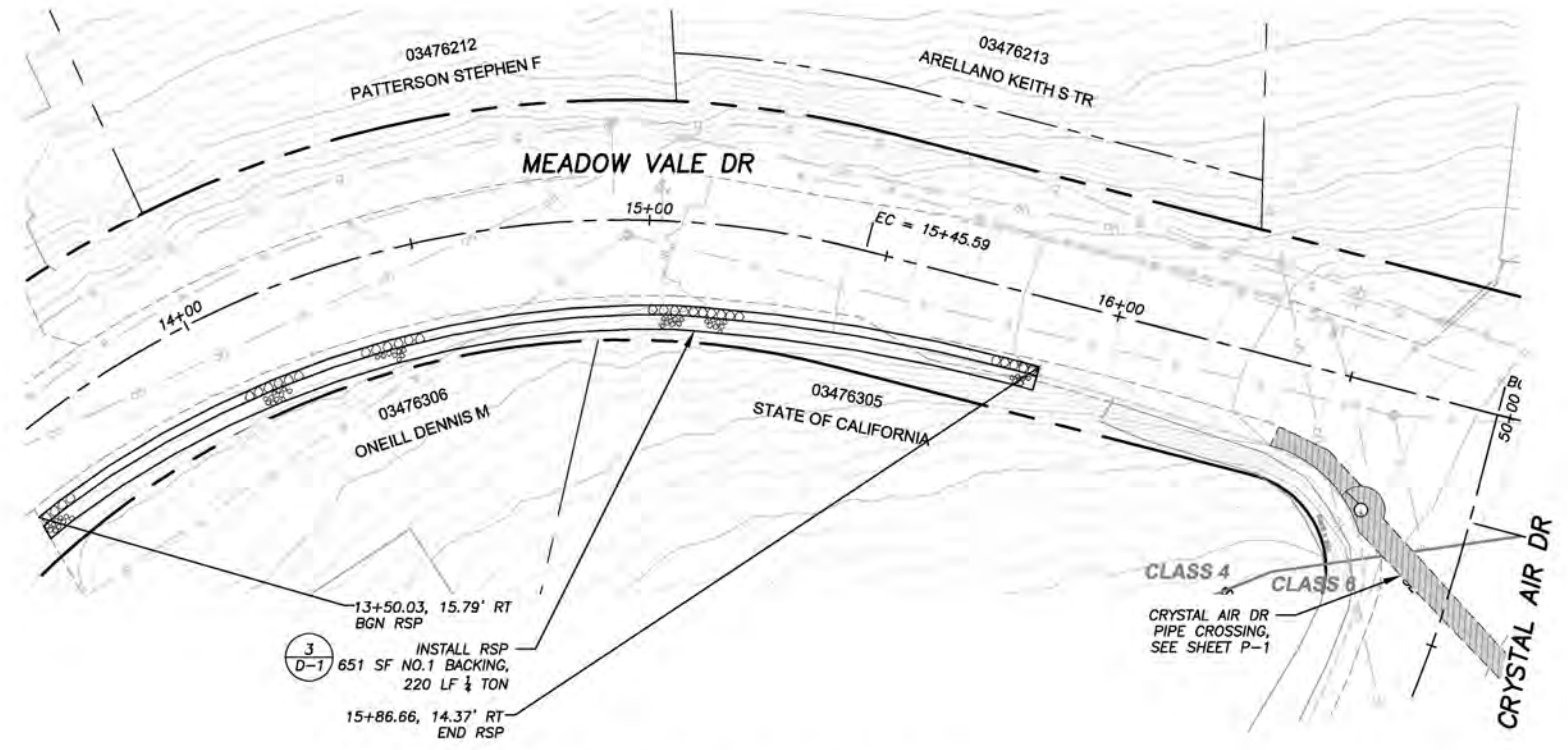
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 OFLYNG DR & TIONONTATI ST
 C&G
 PLAN & PROFILE

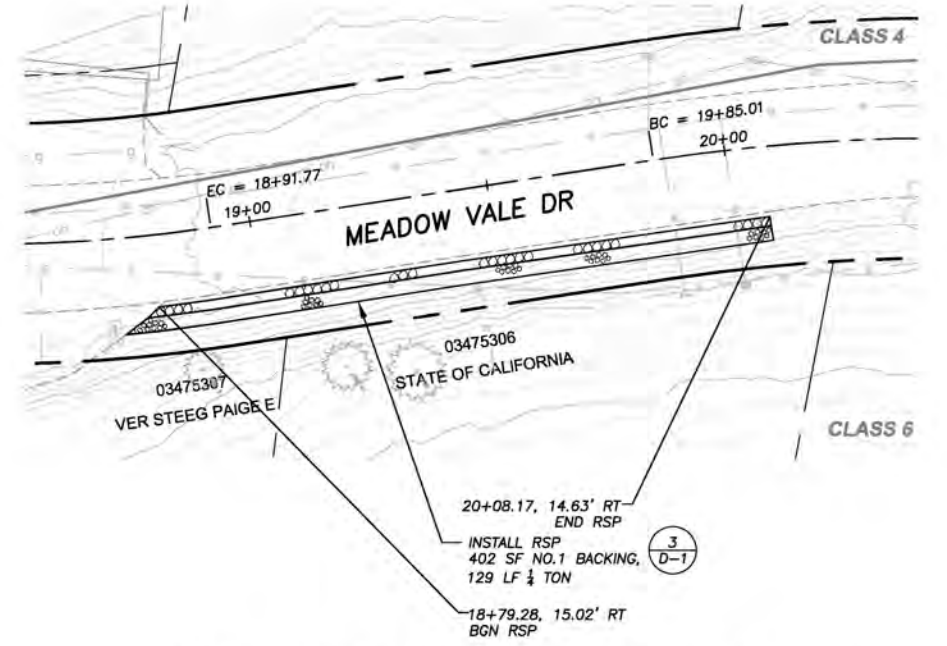
SHEET
 P-9
 17 OF 32
 CONTRACT NO.
 3692
 DP No.
 95177

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.

!! 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.

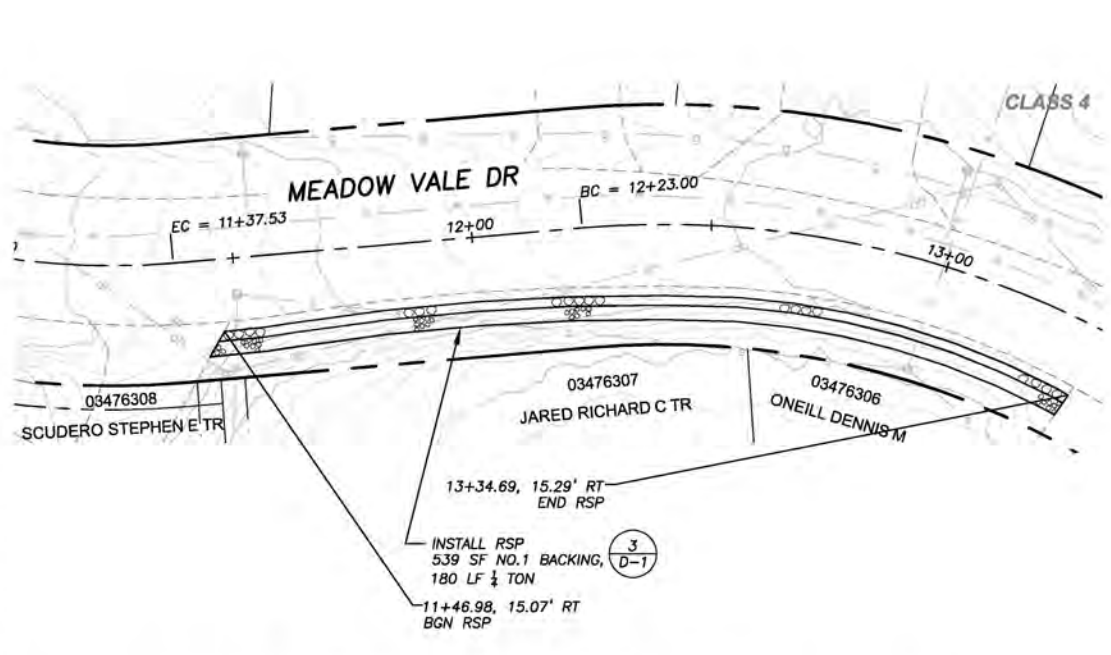


MEADOW VALE DR STA 13+00.00 TO 16+00.00

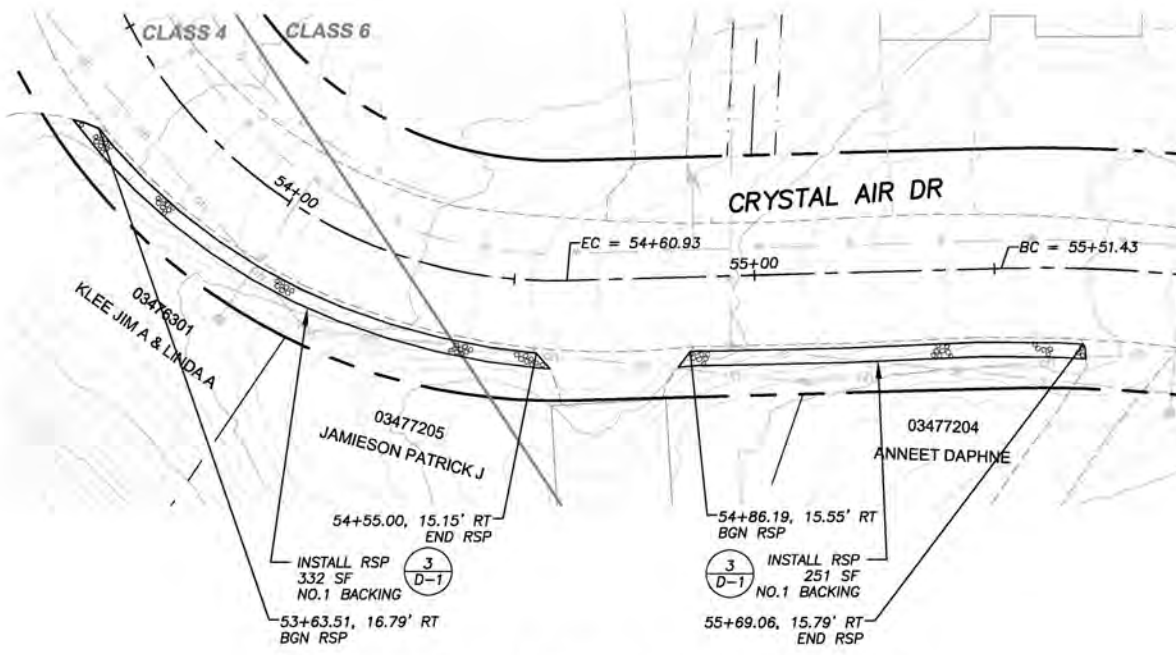


MEADOW VALE DR STA 18+00.00 TO 21+00.00

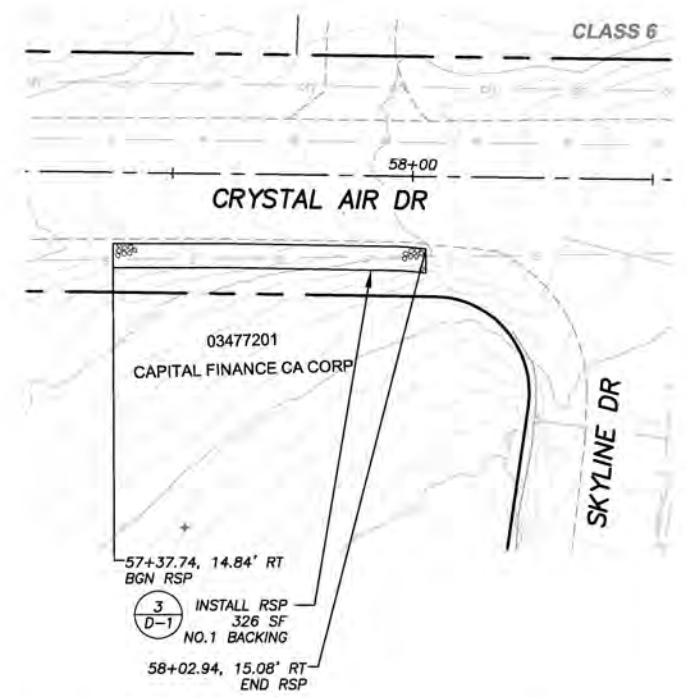
PLAN & PROFILE
SCALE: HORIZ 1" = 20'
VERT 1" = 5'



MEADOW VALE DR STA 11+00.00 TO 14+00.00



CRYSTAL AIR DR STA 53+00.00 TO 56+00.00



CRYSTAL AIR DR STA 57+00.00 TO 59+00.00

ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
JANUARY 11, 2022

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 01/2022
ROAD NUMBER: ---

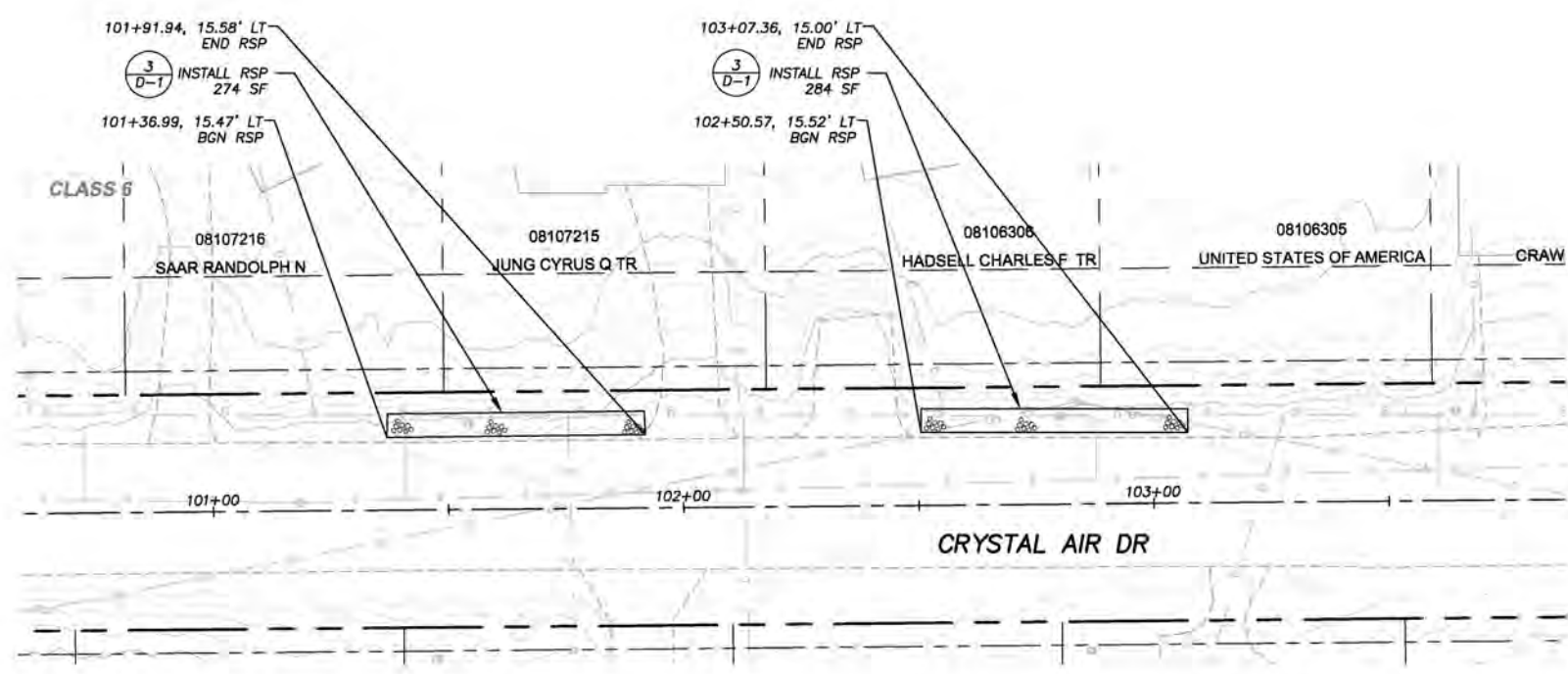


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
MEADOW VALE DR, CRYSTAL AIR DR
RSP

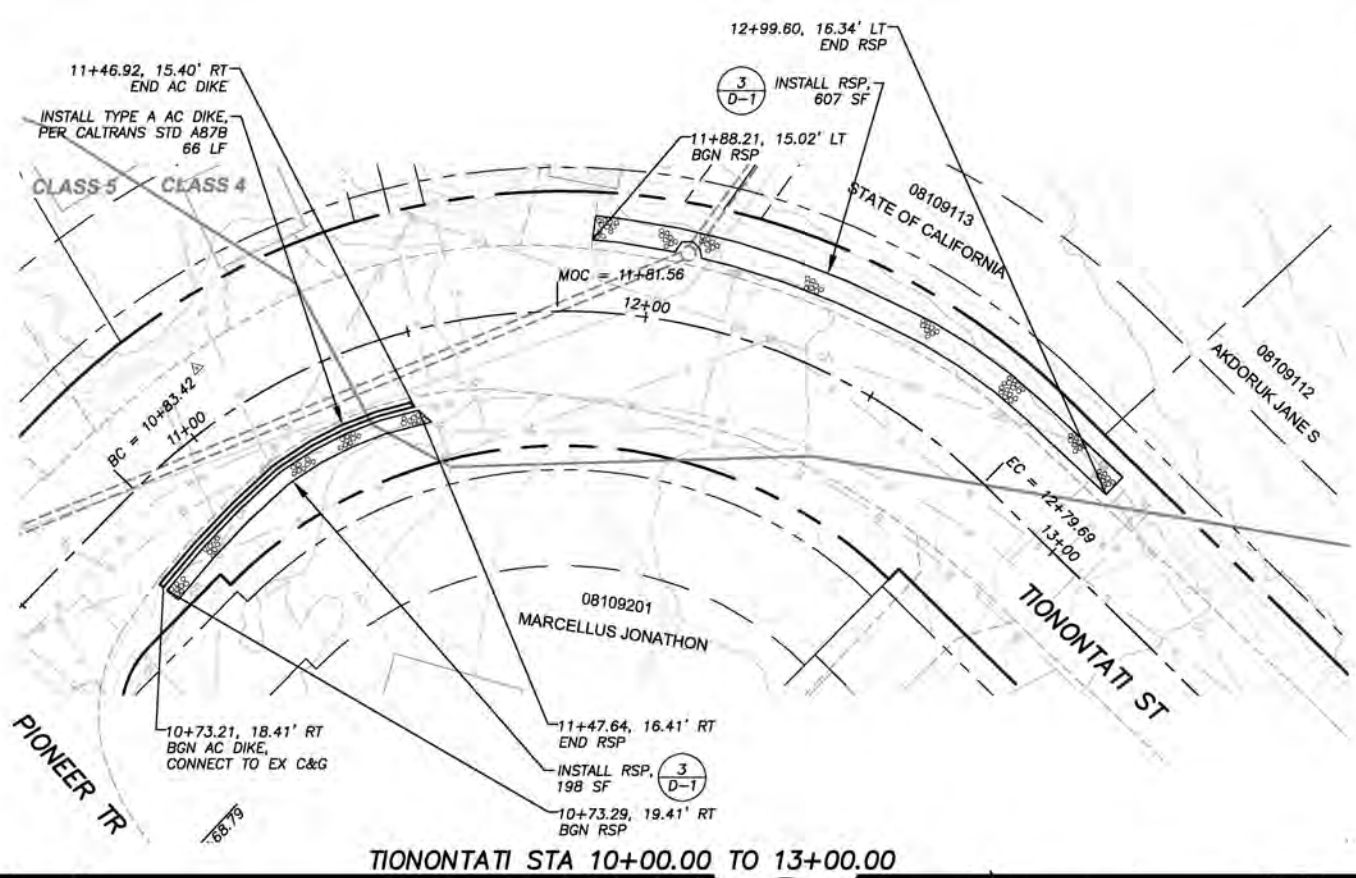
SHEET
P-10
18 of 32
CONTRACT NO.
3692
CIP No.
95177

!! 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.

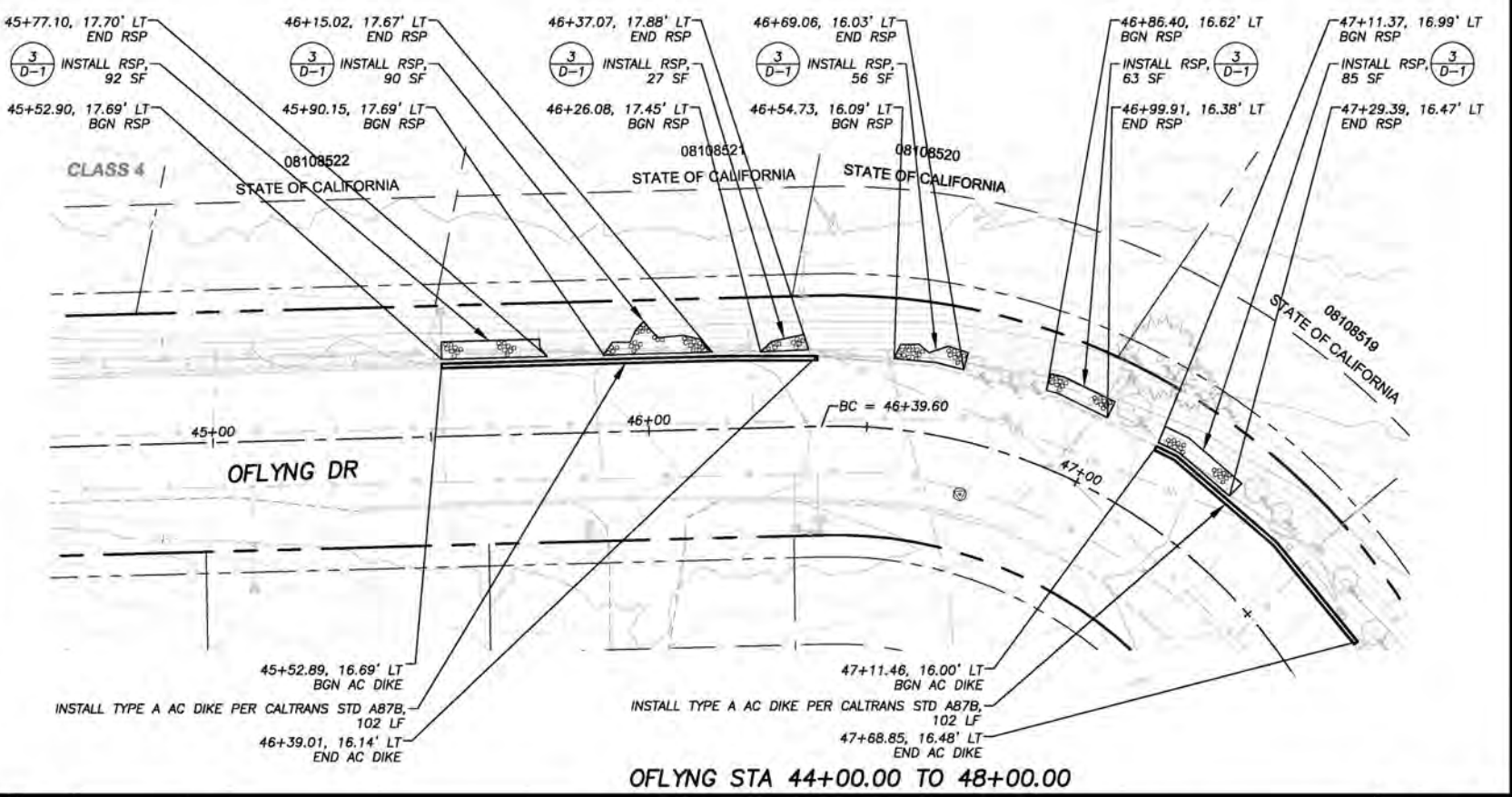


CRYSTAL AIR DR STA 101+00.00 TO 105+00.00

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



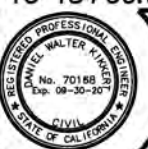
TIONONTATI STA 10+00.00 TO 13+00.00



OFLYNG STA 44+00.00 TO 48+00.00

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



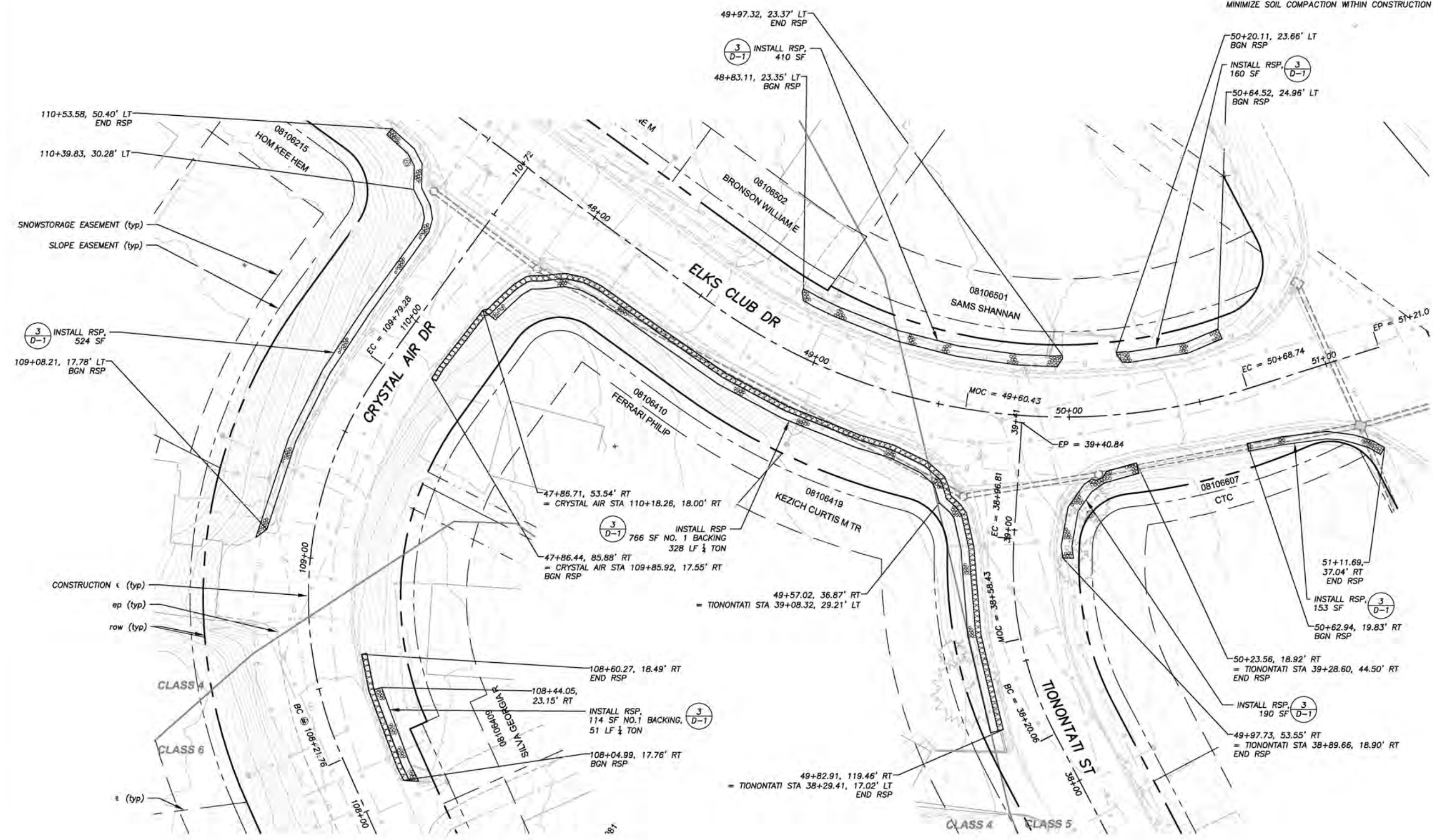
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 CRYSTAL AIR DR, TIONONTATI ST, OFLYNG DR
 RSP

SHEET
P-11
 19 OF 32
 CONTRACT NO.
3692
 CIP No.
95177

!! 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.

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.



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

ORIGINAL SCALE IS IN INCHES

FOR REDUCED PLANS

CRYSTAL AIR DR STA 108+00.00 TO 110+00.00

ELKS CLUB DR STA 48+00.00 TO 51+00.00

TIONONTATI STA 37+00.00 TO 39+00.00

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



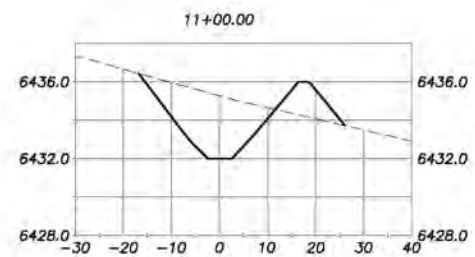
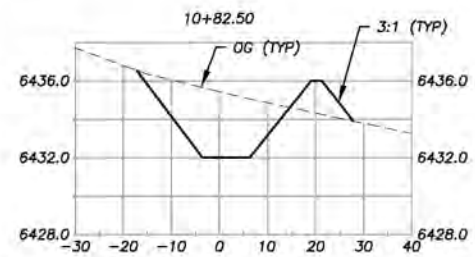
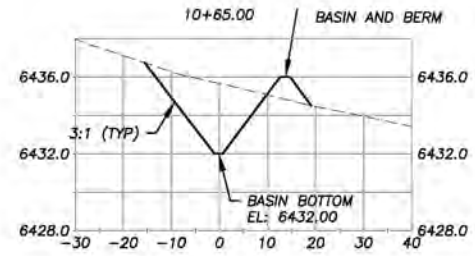
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

FLYING WATER QUALITY PROJECT
 ELKS CLUB DR, CRYSTAL AIR DR, TIONONTATI ST
 RSP

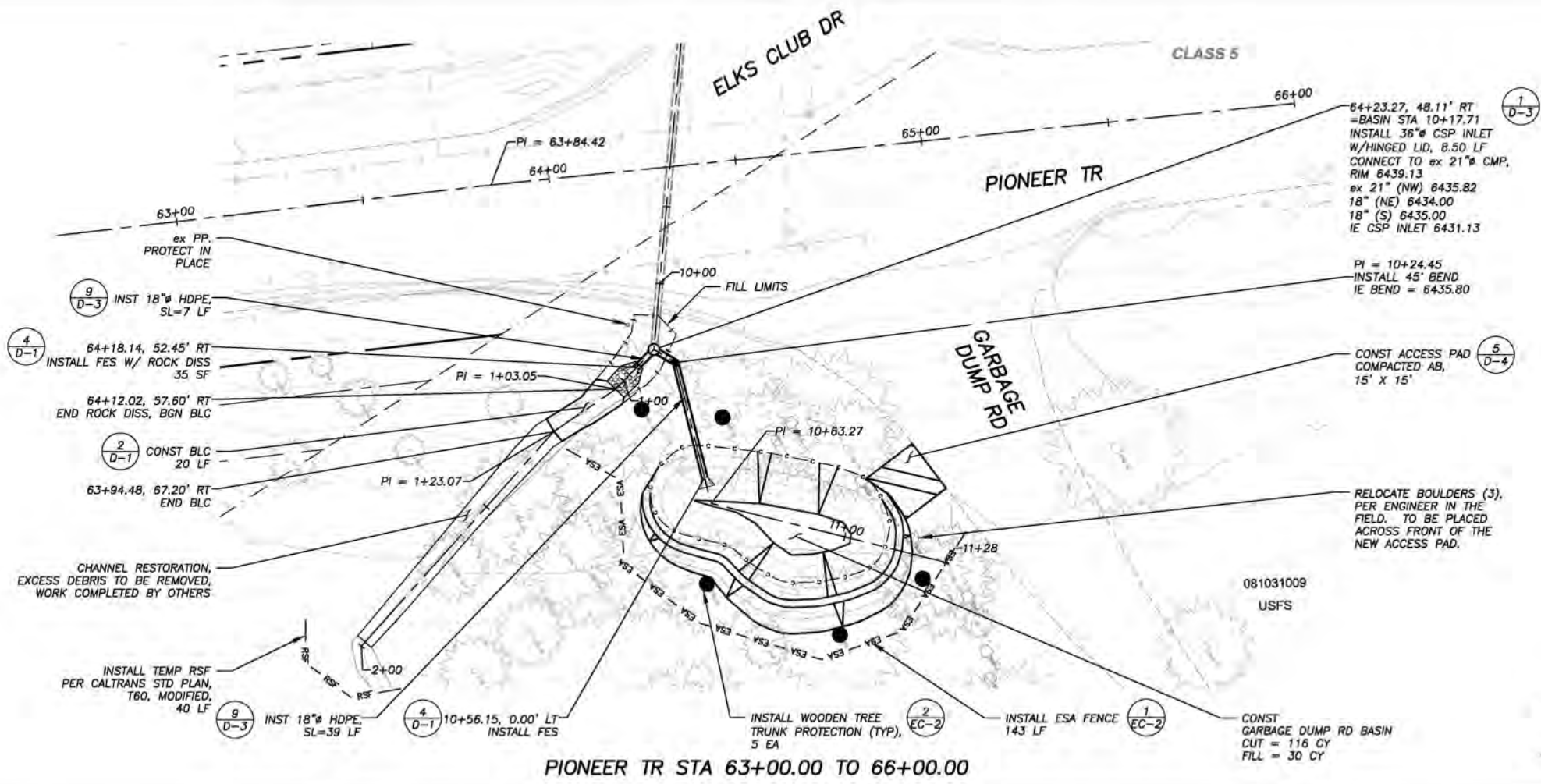
SHEET
P-12
 20 of 32
 CONTRACT NO.
3692
 CIP No.
95177

!! WARNING !!

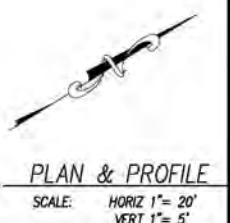
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



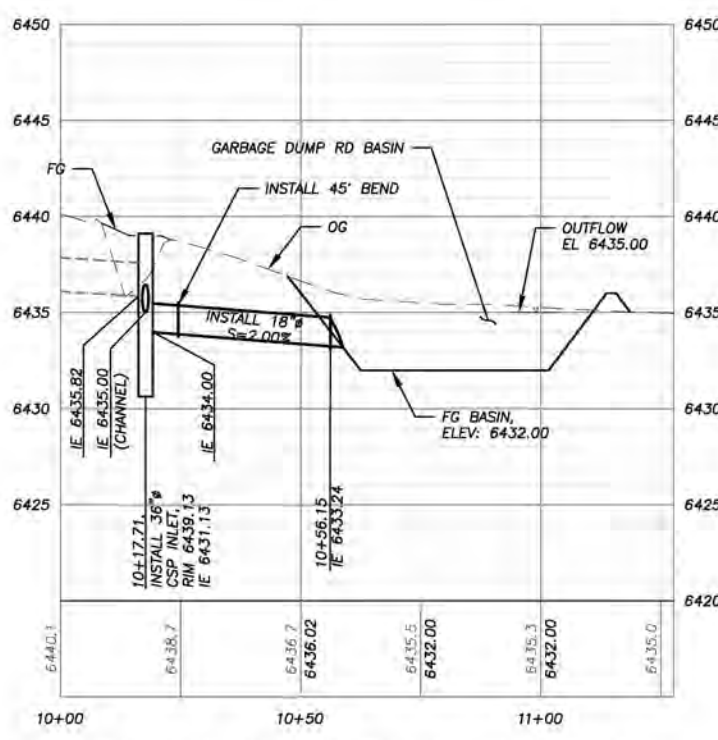
GARBAGE DUMP RD BASIN CROSS SECTIONS



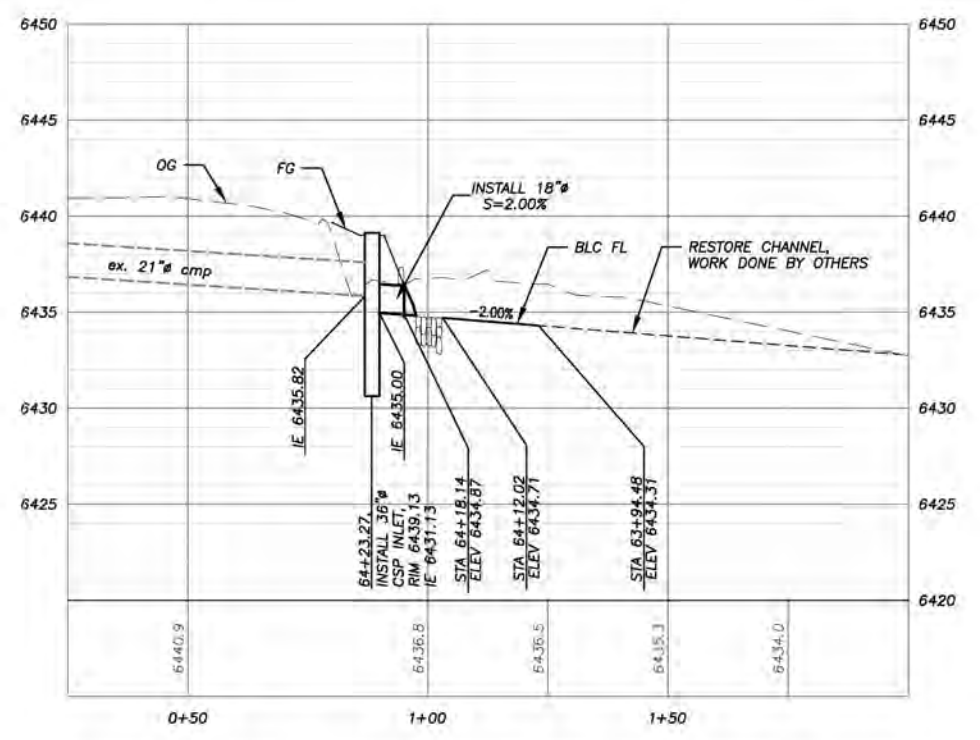
PIONEER TR STA 63+00.00 TO 66+00.00



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



GARBAGE DUMP RD BASIN & INLET PIPE



GARBAGE DUMP RD BASIN BYPASS PIPE AND OUTLET CHANNEL

FOR REDUCED PLANS 1" = 20' ORIGINAL SCALE 1/8" = 1" INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

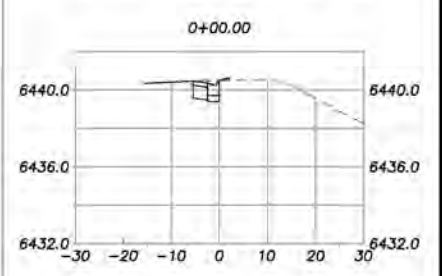
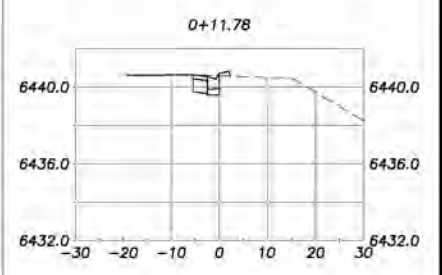
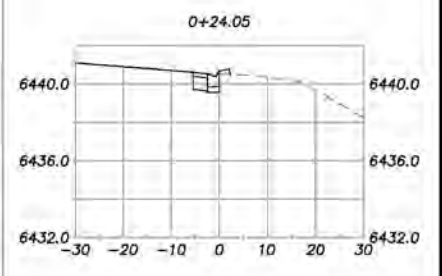
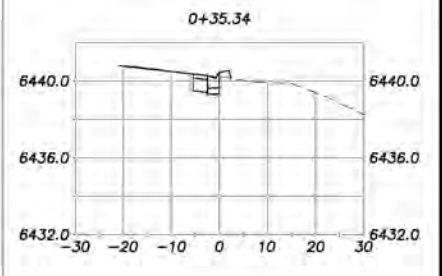
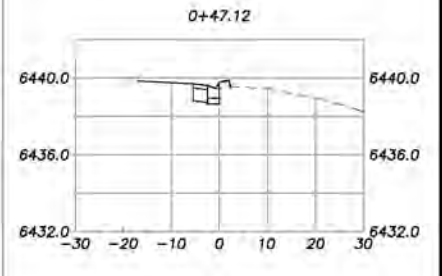
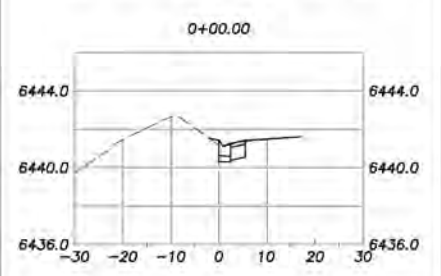
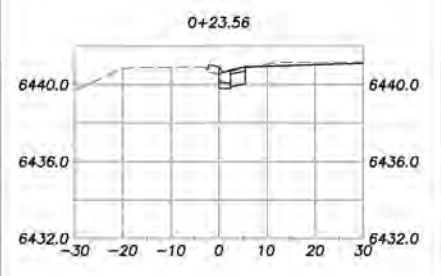
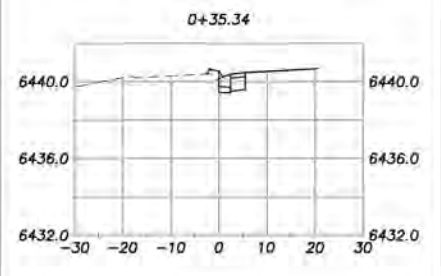
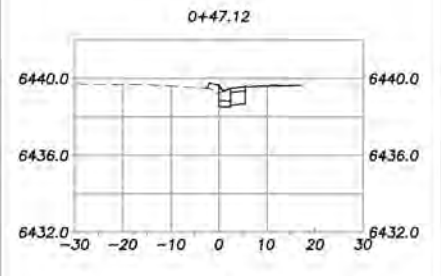
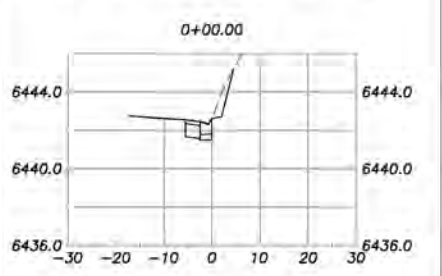
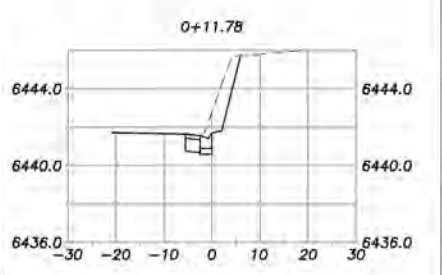
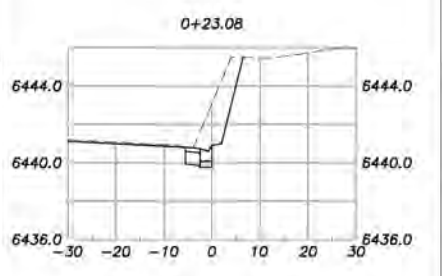
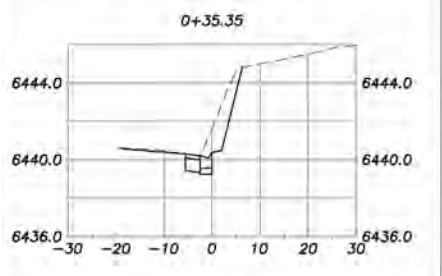
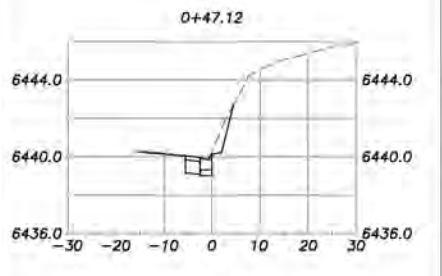
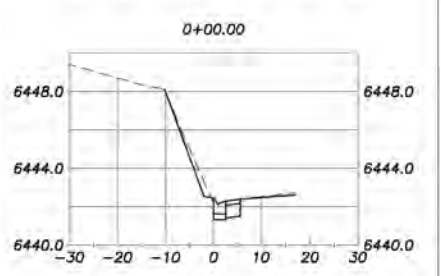
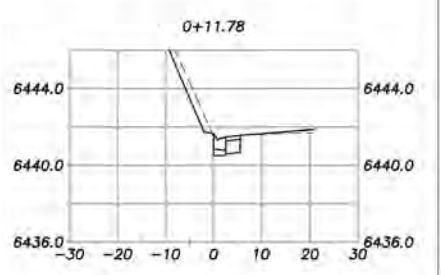
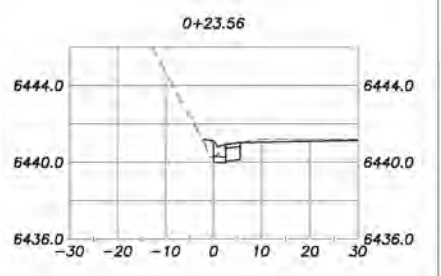
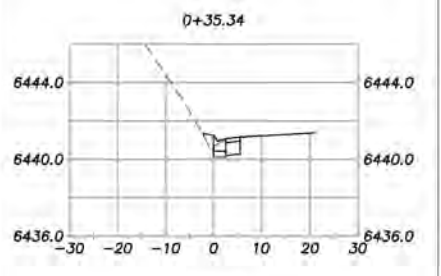
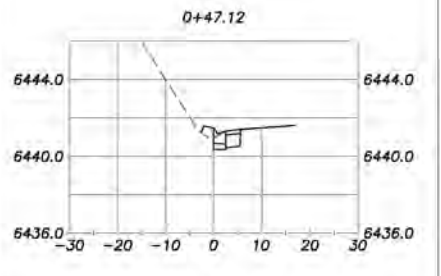
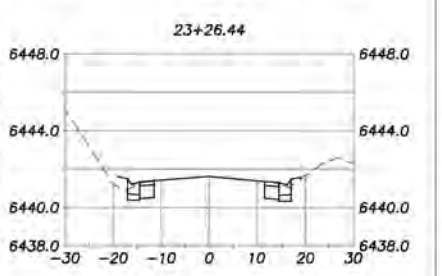
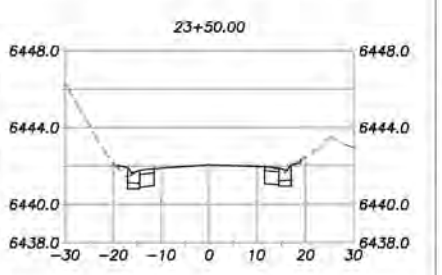
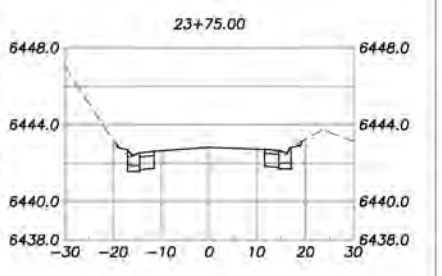
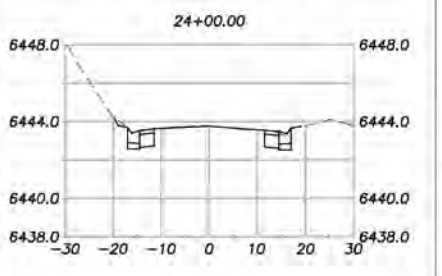
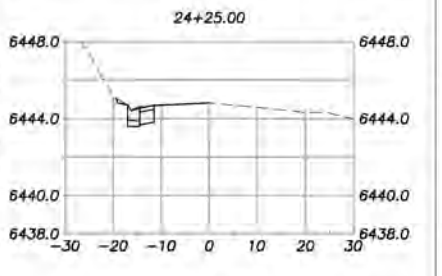
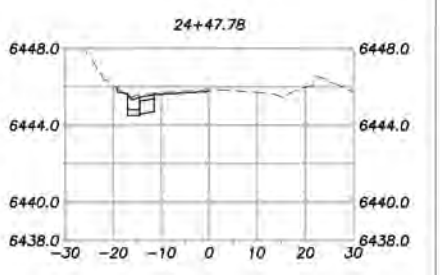
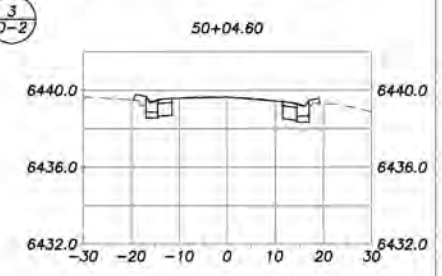
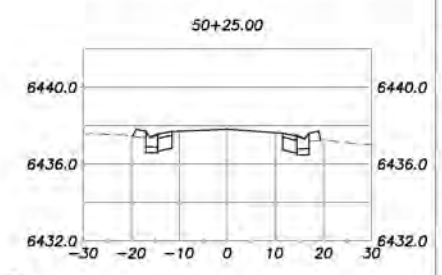
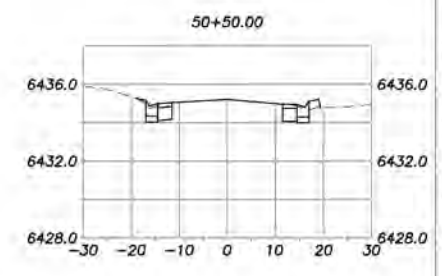
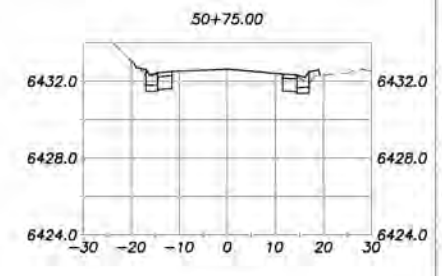
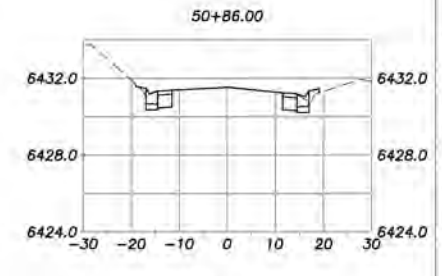
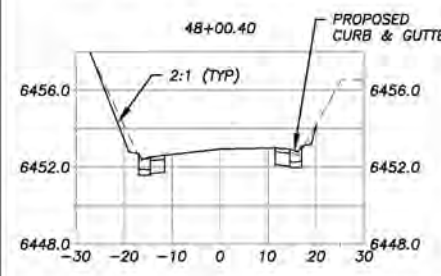
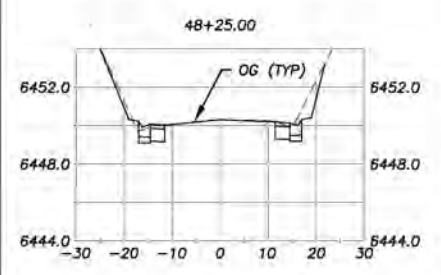
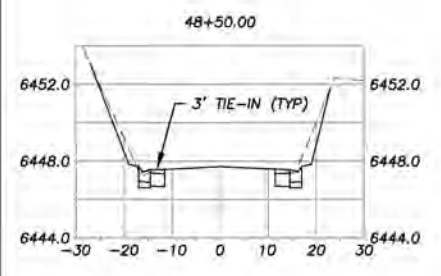
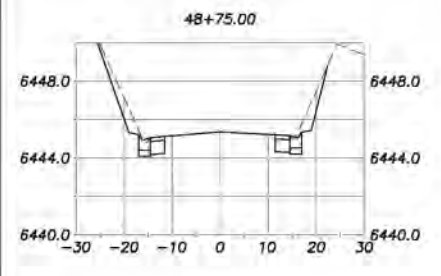
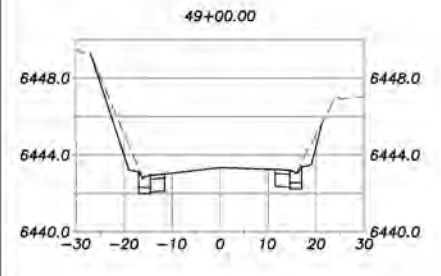
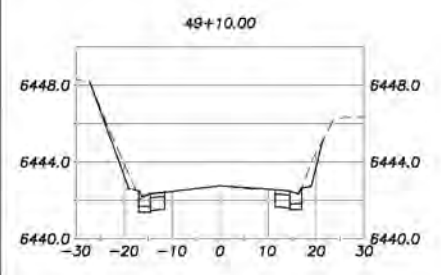
DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

FLYING WATER QUALITY PROJECT
 PIONEER TR & GARBAGE DUMP RD
 BASIN
 PLAN & PROFILE

SHEET
P-13
 21 of 32
 CONTRACT NO.
3692
 DP No.
95177



OFLYNG CURB & GUTTER

TIONONTATI CURB & GUTTER

NW CURB RETURN

SW CURB RETURN

NE CURB RETURN

SE CURB RETURN

FOR REDUCED PLANS ORIGINAL SCALE IS 1/8" = 1' INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: JANUARY 11, 2022

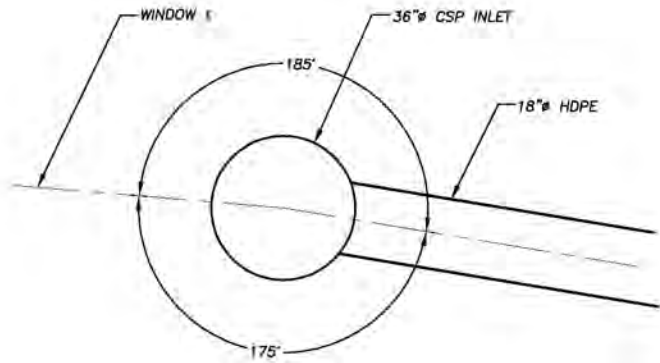
DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 10/2019
 ROAD NUMBER: ---



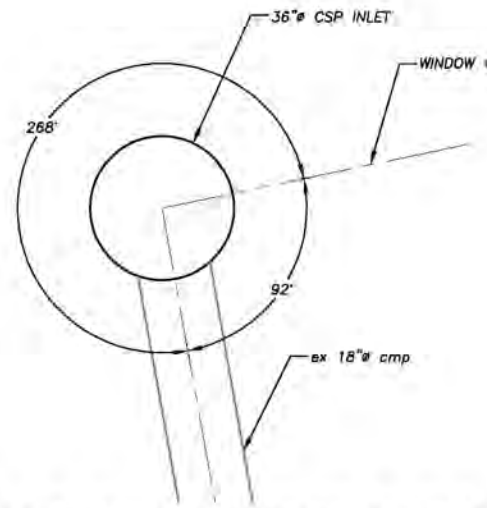
COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 OFLYNG DR & TIONONTATI ST INTERSECTION
 CURB & GUTTER

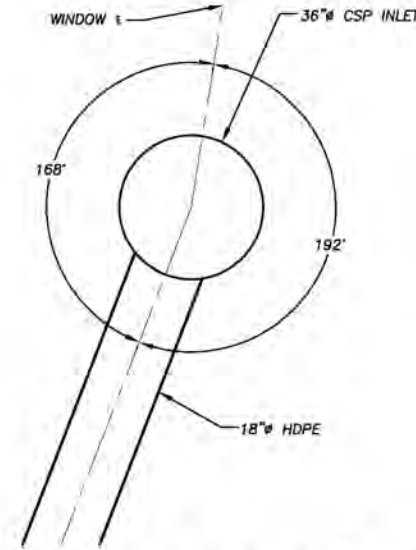
SHEET X-1
 22 of 2
 CONTRACT NO. 3692
 SIP No. 95177



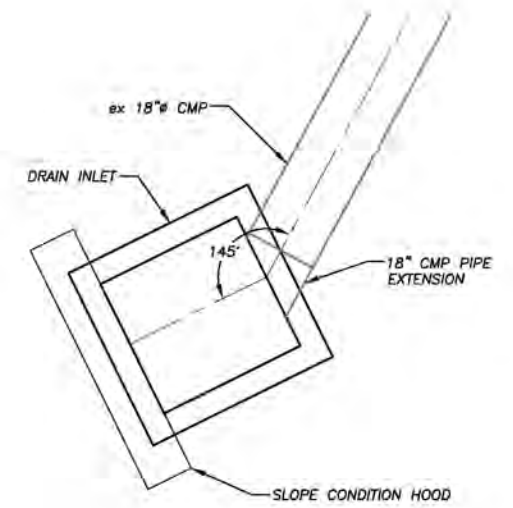
36"Ø CSP INLET AT MV 16+58.97 (SHEET P-1)
MEADOW VALE DR & CRYSTAL AIR DR



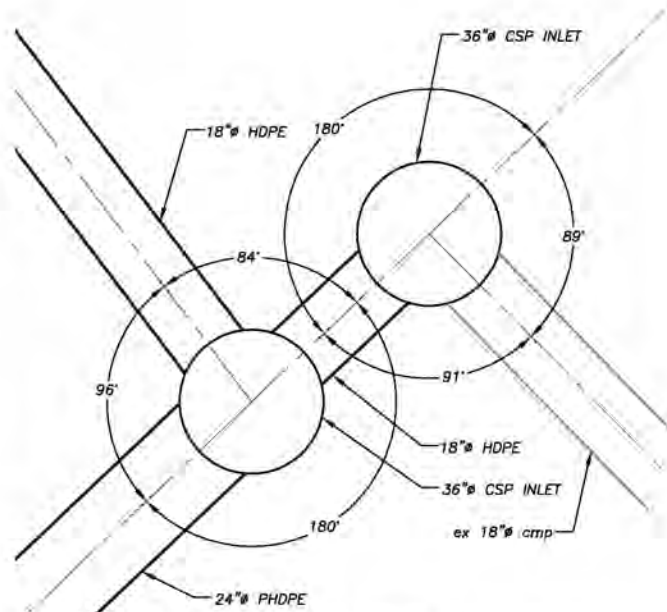
36"Ø CSP INLET AT SOUTHERN PINES 25+22.34 (SHEET P-1)
SOUTHERN PINES DR & MEADOW VALE DR



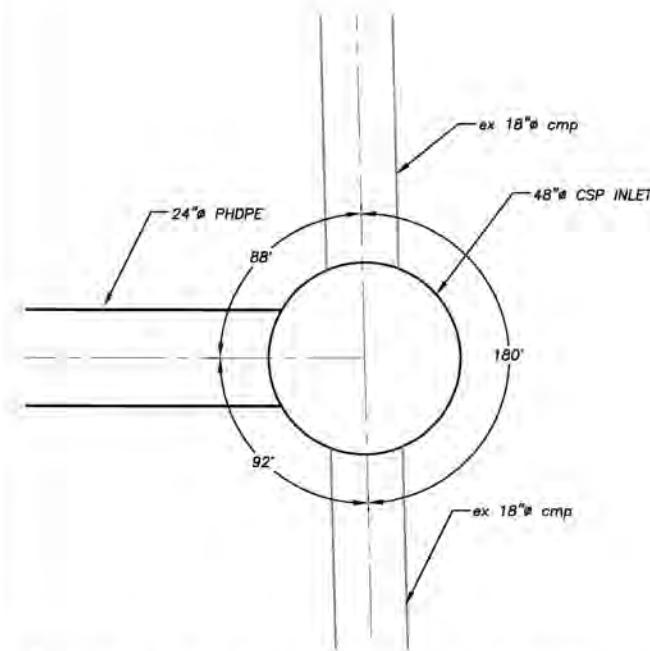
36"Ø CSP INLET AT PIONEER 18+64.30 (SHEET P-2)
PIONEER TR



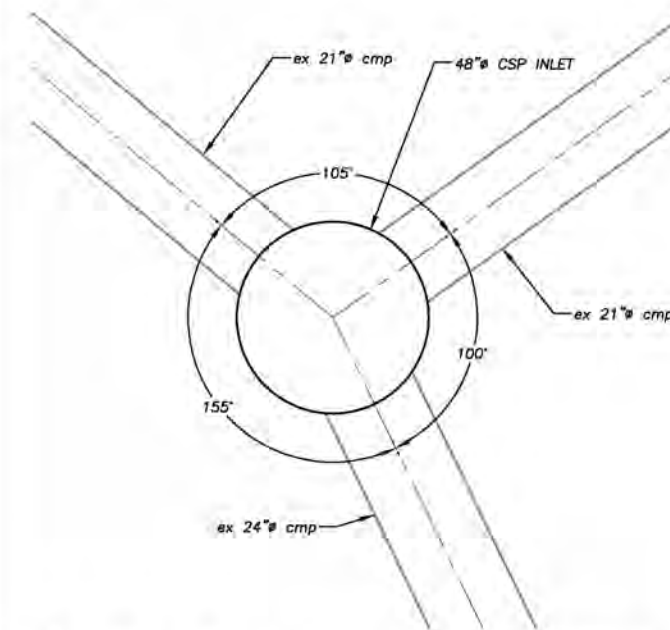
DRAIN INLET AT CA 10+40.75 (SHEET P-3)
CRYSTAL AIR DR & YQUI ST



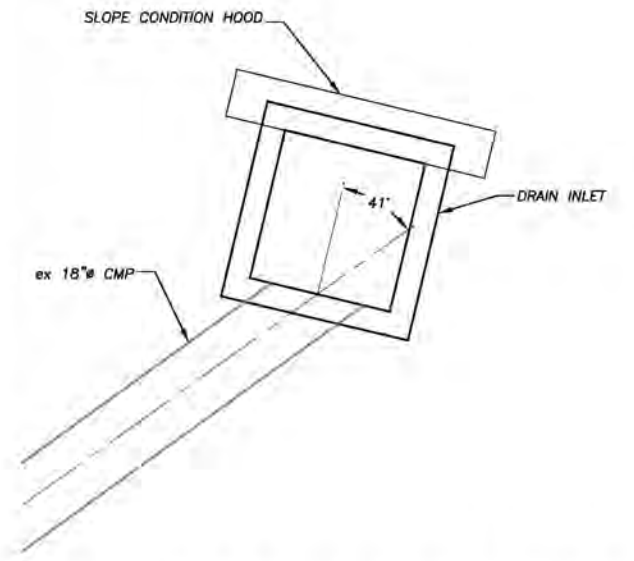
36"Ø CSP INLETS AT OFLYNG 31+29.92 & 31+35.01 (SHEET P-3)
OFLYNG DR



48"Ø CSP INLET AT OFLYNG 25+18.07 (SHEET P-4)
OFLYNG DR



48"Ø CSP INLET AT OFLYNG 38+46.33 (SHEET P-5)
OFLYNG DR



DRAIN INLET AT OFLYNG 40+68.29 (SHEET P-5)
OFLYNG DR & COTO ST

FOR REDUCED PLANS: ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: **JANUARY 11, 2022**

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 01/2022
ROAD NUMBER: _____

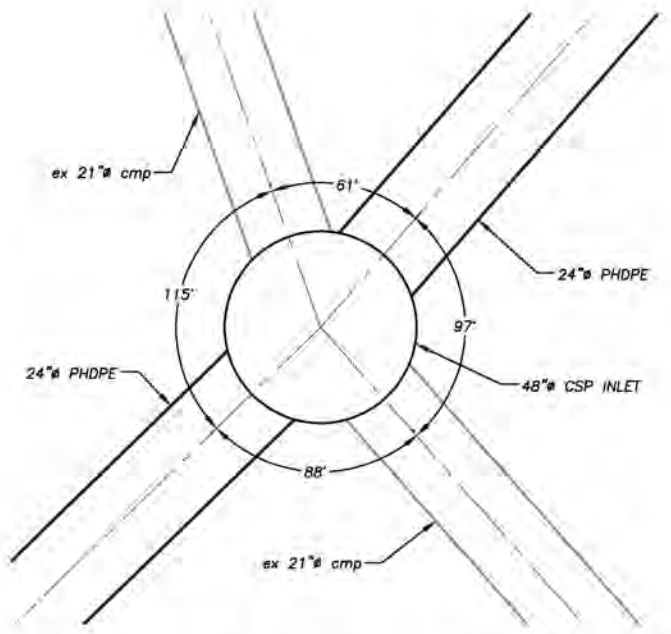


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

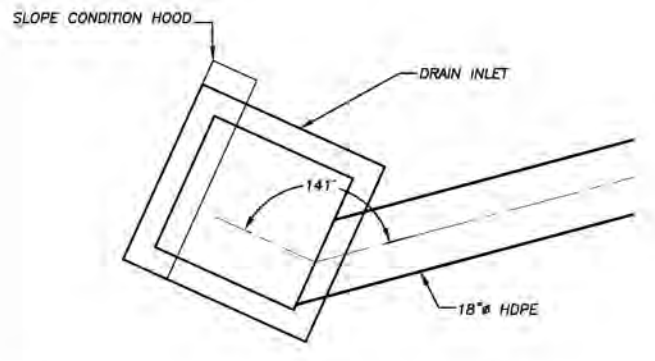
OFLYNG WATER QUALITY PROJECT
HORIZONTAL CONTROL

SHEET
HC-1
1 of 2
CONTRACT NO.
3692
SIP No.
95177

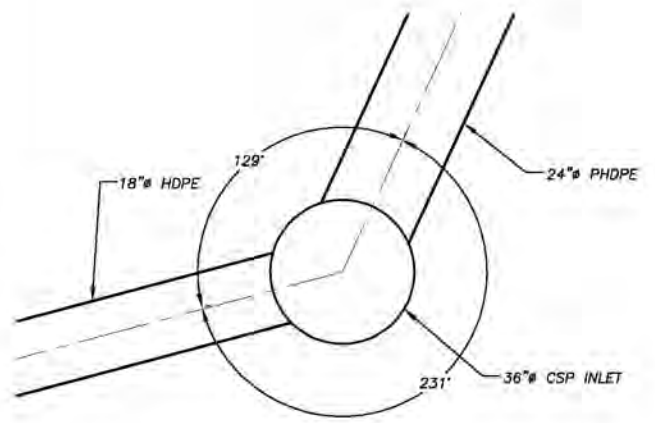
FOR REDUCED PLANS ORIGINAL SCALE IS 1/8" = 1'



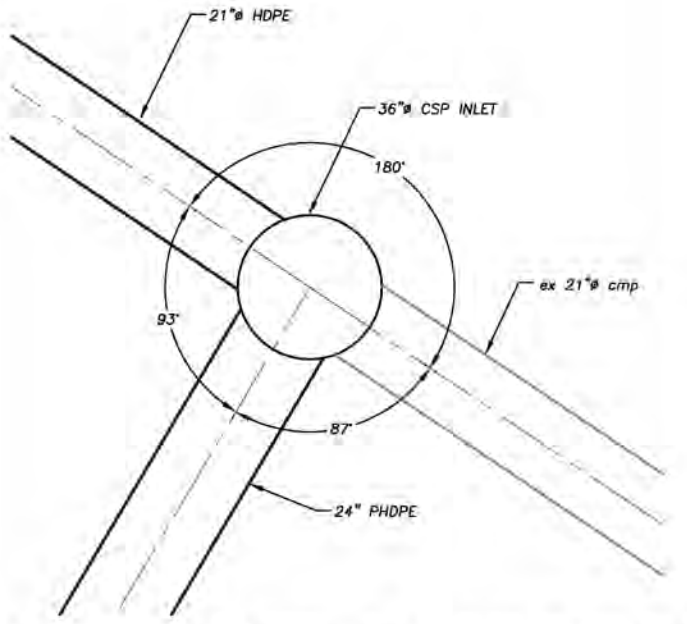
48"Ø CSP INLET AT TIONONTATI 17+72.08 (SHEET P-6)
TIONONTATI ST



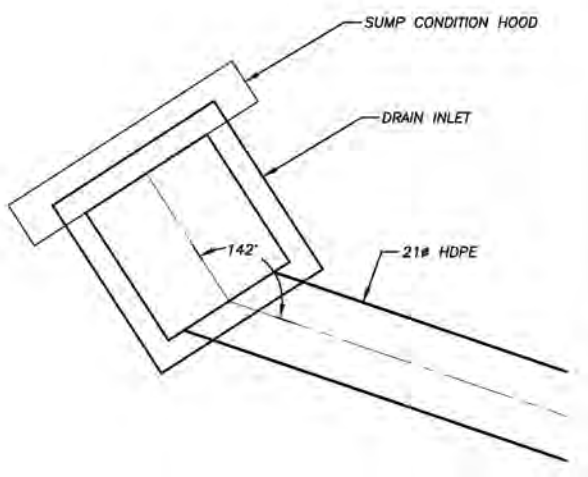
DRAIN INLET AT TIONONTATI 31+22.71 (SHEET P-6)
TIONONTATI ST



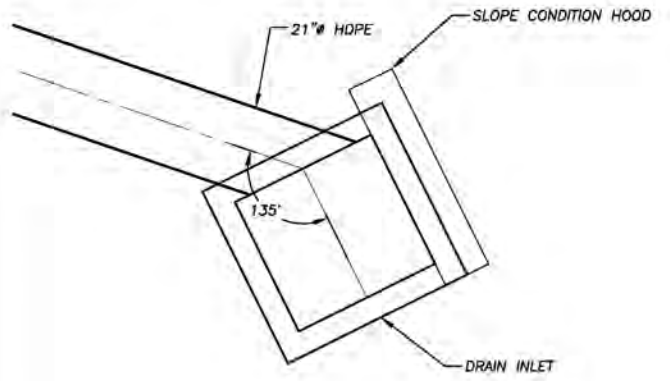
36"Ø CSP INLET AT TIONONTATI 31+47.510 (SHEET P-6)
TIONONTATI ST



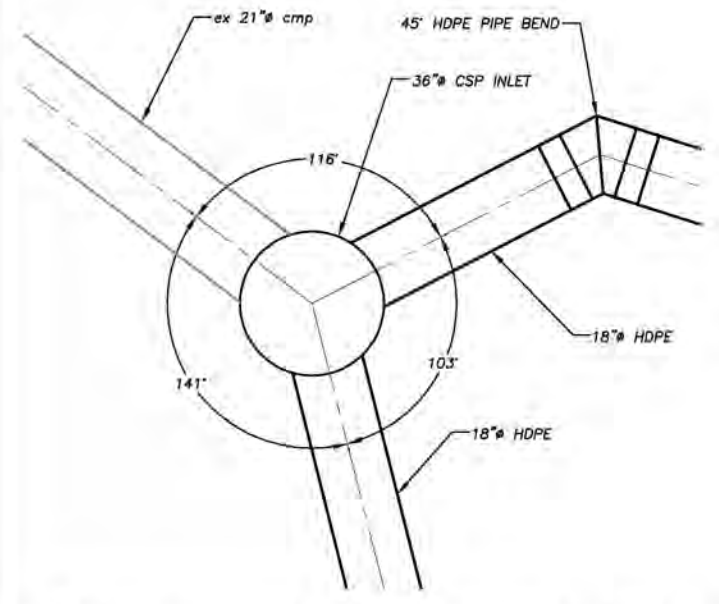
36"Ø CSP INLET AT CRYSTAL AIR 98+06.94 (SHEET P-7)
CRYSTAL AIR DR



DRAIN INLET AT OFLYNG 49+35.10 (SHEET P-9)
OFLYNG DR




DRAIN INLET AT OFLYNG 49+82.26 (SHEET P-9)
OFLYNG DR



48"Ø CSP INLET AT PIONEER 64+24.07 (SHEET P-13)
PIONEER TR & GARBAGE DUMP RD

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF

 REGISTERED CIVIL ENGINEER
JANUARY 11, 2022
 DATE:

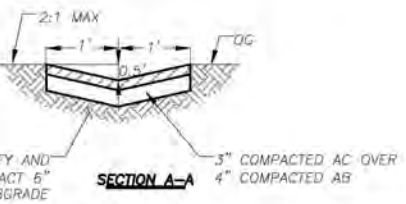
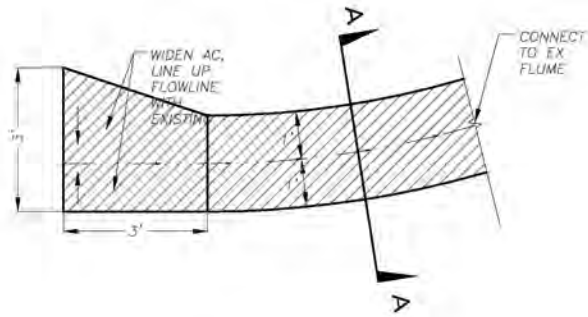
DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

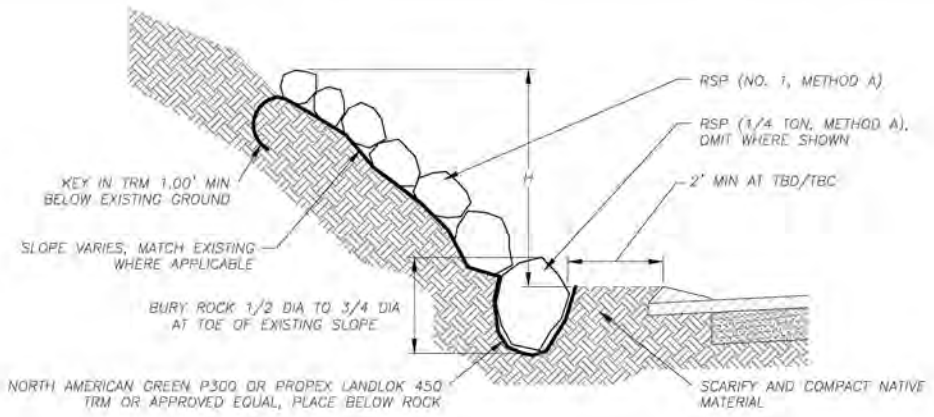
OFLYNG WATER QUALITY PROJECT
HORIZONTAL CONTROL

SHEET
HC-2
 2 of 2
 CONTRACT NO.
3692
 DP No.
95177

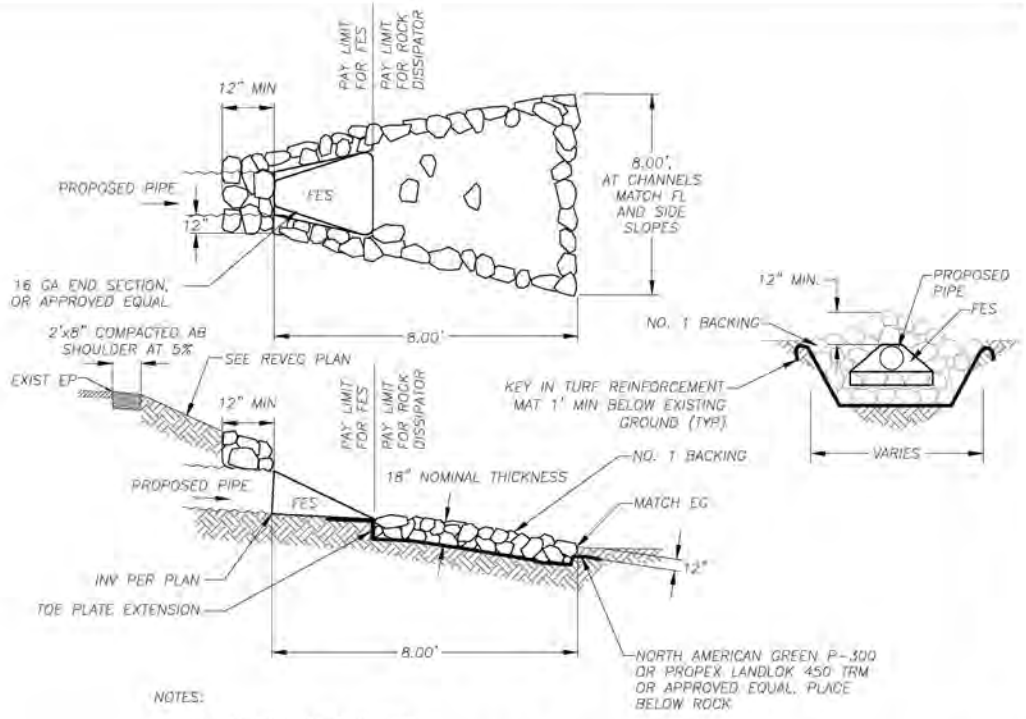


AC SWALE

1
D-1

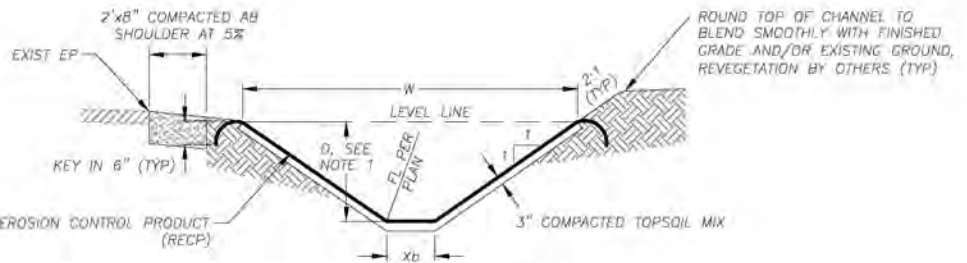


| PLAN SHEET | STREET AND STATIONING | AVERAGE HEIGHT, H | SLOPE RATIO, R |
|------------|--|-------------------|----------------|
| P-2 | PIONEER TRAIL 16+98.84 TO 18+54.08 | 5' | 2.5:1± |
| P-3 | OFLYNG DR 31+24.40 TO 31+60.38 | 3' | 1:1± |
| P-3 | OFLYNG DR 31+86.53 TO 32+94.08 (MULTIPLE LOCATIONS) | 5' | 1.67:1± |
| P-3 | CRYSTAL AIR 104+04.18 TO 104+39.62 | 6' | 1.5:1± |
| P-4 | OFLYNG DR 25+09.28 TO 25+28.28 | 3' | 2:1± |
| P-4 | CRYSTAL AIR 73+32.65 TO 73+50.27 | 3' | 2:1± |
| P-4 | CRYSTAL AIR 83+90.48 TO 83+07.73 | 3' | 2:1± |
| P-5 | OFLYNG DR 10+17.46 TO 10+29.61 | 3' AND 5' | 2:1± |
| P-5 | COTO 10+21.65 TO 10+37.81 | 3' | 2:1± |
| P-5 | COTO 10+66.63 TO 11+40.94 | 5' | 2.5:1± |
| P-5 | COTO 11+50.79 TO 11+75.44 | 3' | 2.5:1± |
| P-6 | CRYSTAL AIR 88+10.65 TO 88+31.44 | 3' | 2:1± |
| P-6 | TIONONTATI 17+81.22 TO 17+97.87 | 3' | 2:1± |
| P-7 | CRYSTAL AIR DR 93+19.90 TO 98+13.34 (MULTIPLE LOCATIONS) | 3' | 2:1± |
| P-9 | OFLYNG DR 48+29.99 TO 49+30.49 (LT) | 8' | 2:1± |
| P-9 | OFLYNG DR 48+29.99 TO 49+38.09 (RT) | 5' | 2:1± |
| P-10 | MEADOW VALE DR 13+50.03 TO 15+86.66 | 3' | 1.5:1± |
| P-10 | MEADOW VALE DR 18+79.28 TO 20+08.17 | 3' | 1.5:1± |
| P-10 | MEADOW VALE DR 11+46.98 TO 13+34.69 | 3' | 1.5:1± |
| P-10 | CRYSTAL AIR DR 53+63.51 TO 55+69.06 (MULTIPLE LOCATIONS) | 3' | 1.5:1± |
| P-10 | CRYSTAL AIR DR 57+37.74 TO 58+02.94 | 5' | 1.5:1± |
| P-11 | CRYSTAL AIR DR 101+36.99 TO 103+07.36 (MULTIPLE LOCATIONS) | 5' | 2:1± |
| P-11 | TIONONTATI ST 10+73.29 TO 11+47.64 | 3' | 3:1± |
| P-11 | TIONONTATI ST 11+88.21 TO 12+99.80 | 5' | 2:1± |
| P-11 | OFLYNG DR 45+32.90 TO 47+29.39 (MULTIPLE LOCATIONS) | 3'± | 1.5:1± |
| P-12 | CRYSTAL AIR DR 108+04.99 TO 108+44.05 (RT) | 3' | 1.5:1± |
| P-12 | CRYSTAL AIR DR 108+08.21 TO 110+53.58 (LT) | 3' | 1.5:1± |
| P-12 | ELKS CLUB DR 48+83.11 TO 50+64.52 (MULTIPLE LOCATIONS) | 4' | 1.5:1± |
| P-12 | ELKS CLUB DR 47+86.71 TO 49+82.91 | 3' | 1.5:1± |
| P-12 | ELKS CLUB DR 49+97.73 TO 50+23.56 | 4' | 1.5:1± |
| P-12 | ELKS CLUB DR 50+62.94 TO 51+11.69 | 3' | 1.5:1± |



FES AND ROCK DISSIPATOR

4
D-1

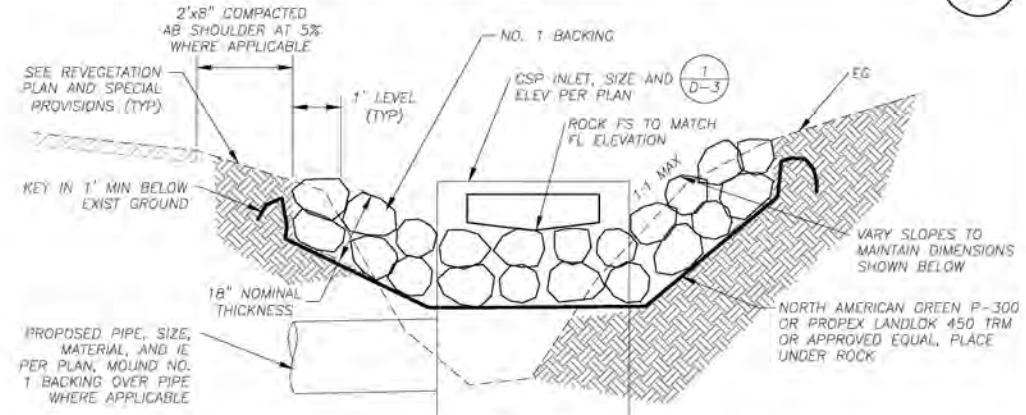


BLANKET-LINED CHANNEL (BLC)

2
D-1

ROCK SLOPE PROTECTION

3
D-1



ROCK BOWL

5
D-1

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

| PLAN SHEET | STATIONING | LF | TOP WIDTH, W | BOTTOM WIDTH, X _b | DEPTH, D | SLOPE RATIO, R |
|------------|----------------------|----|--------------|------------------------------|----------|----------------|
| P-13 | 64+12.02 TO 63+94.48 | 20 | 4.58' | 1.00' | 0.90' | 2:1 |

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



PREPARED UNDER THE SUPERVISION OF

 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 05/2019
 ROAD NUMBER: ---

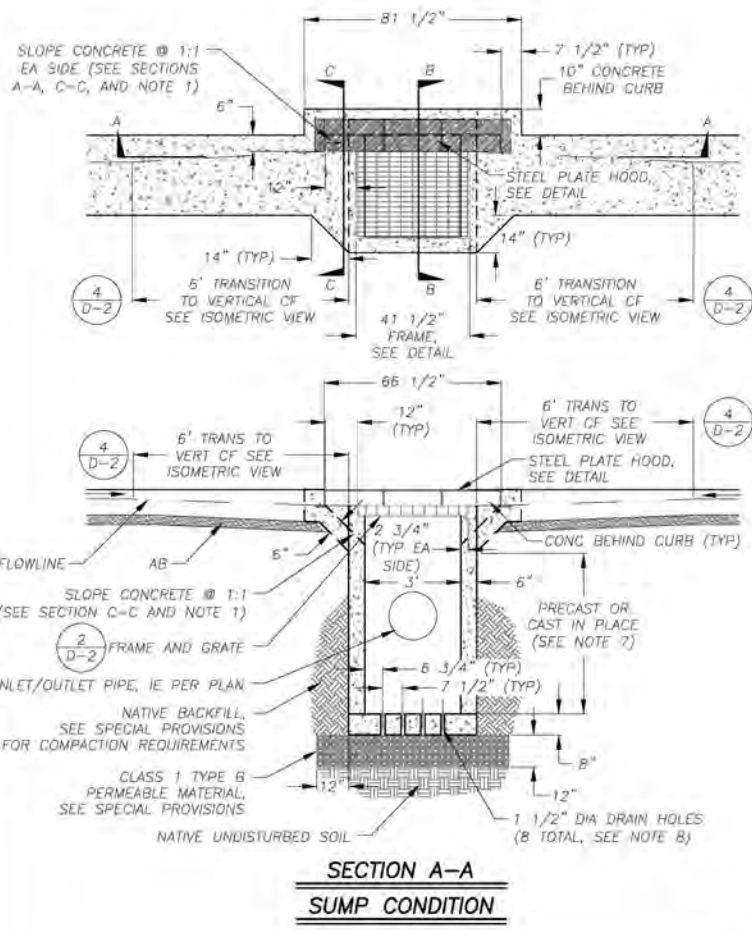


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

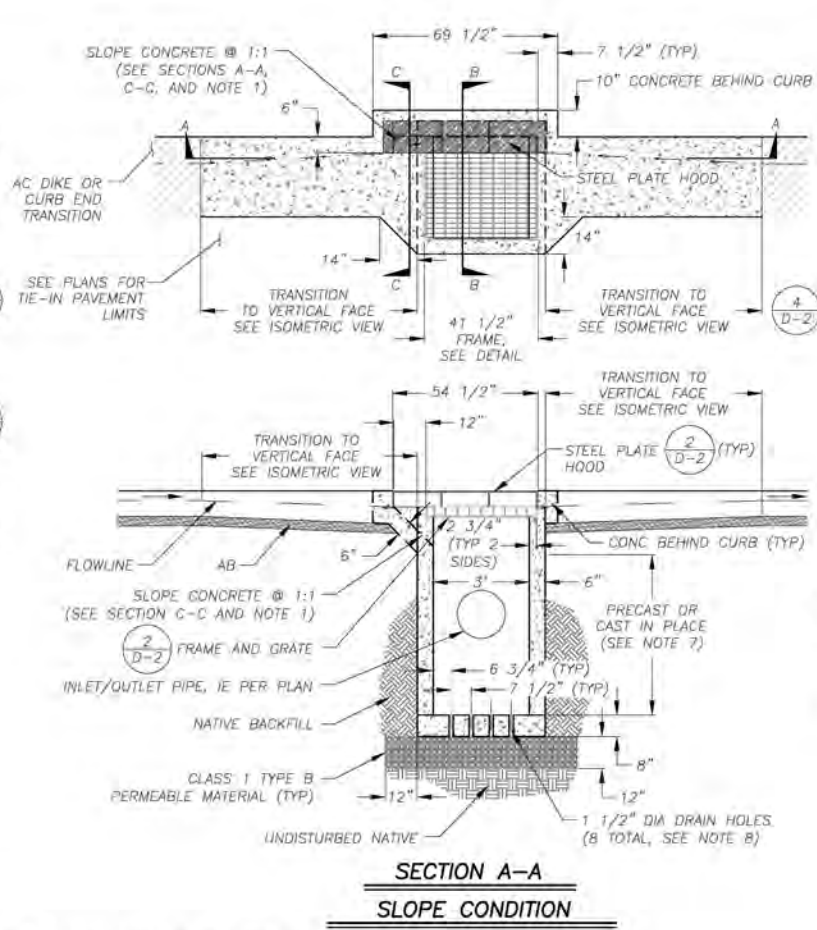
OFLYNG WATER QUALITY PROJECT
 DETAIL SHEET

SHEET
D-1
 25 OF 32
 CONTRACT NO.
3692
 CIP No.
95177

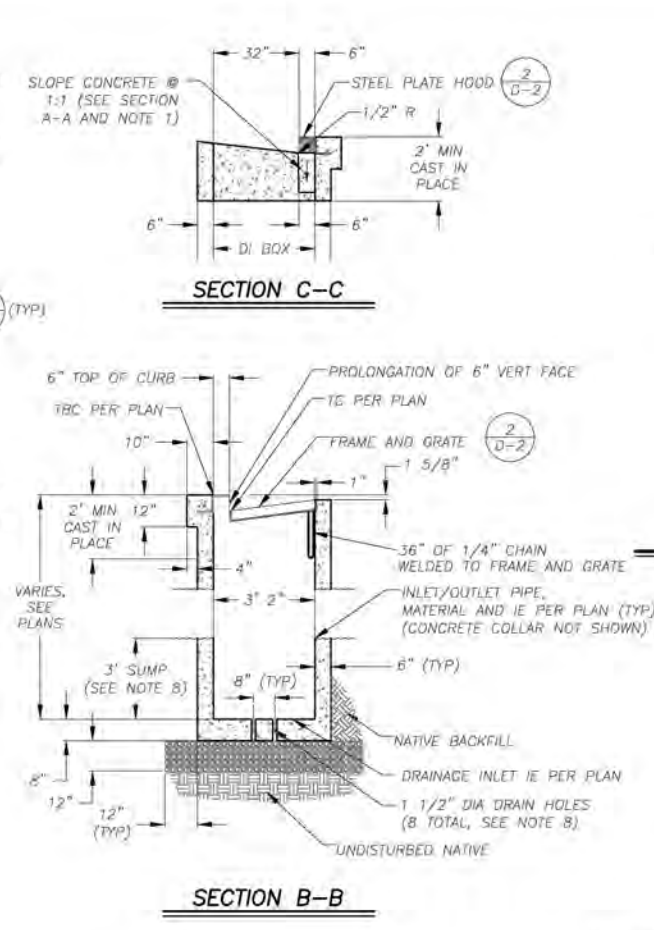
ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



**SECTION A-A
SUMP CONDITION**



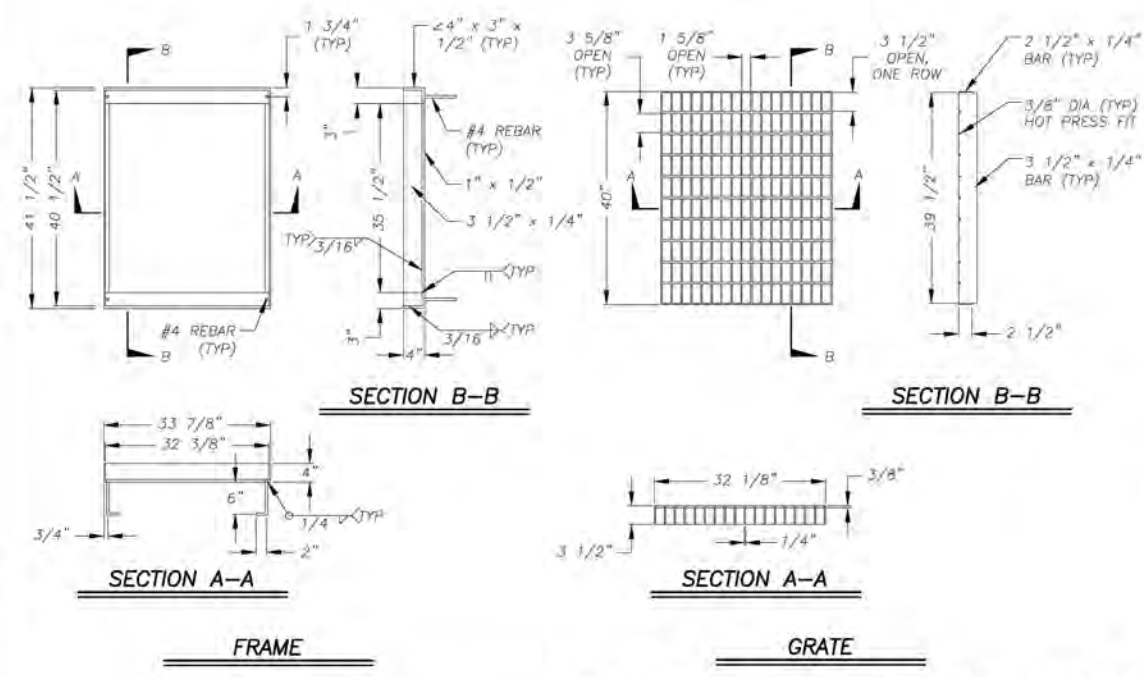
**SECTION A-A
SLOPE CONDITION**



SECTION B-B

TYPE 2 DRAINAGE INLET

1
D-2

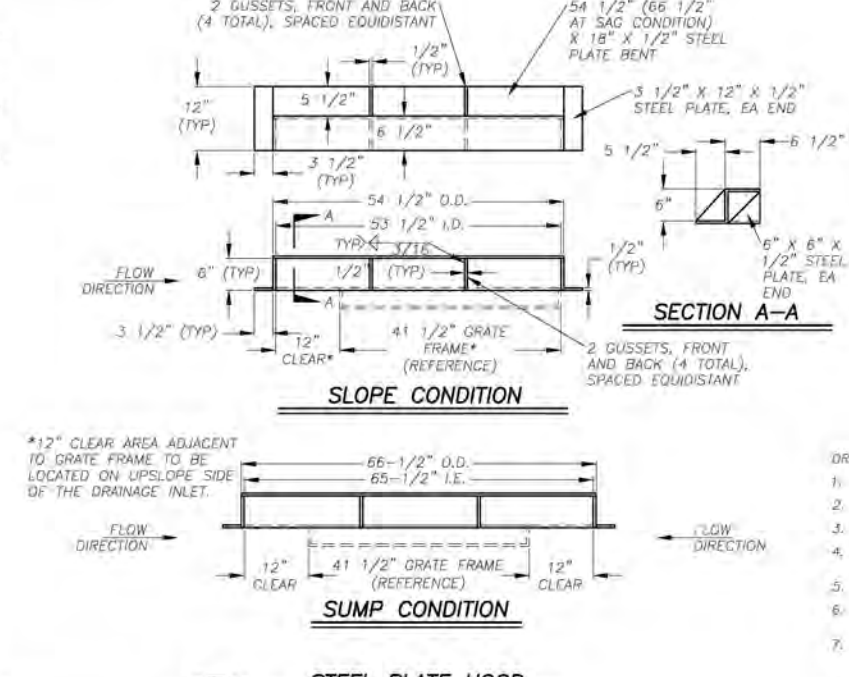


FRAME

GRATE

DRAINAGE INLET, FRAME, GRATE, AND HOOD

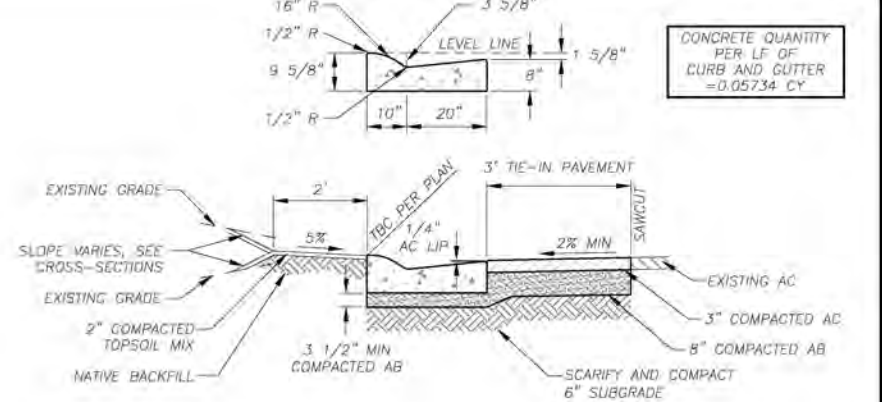
2
D-2



SLOPE CONDITION

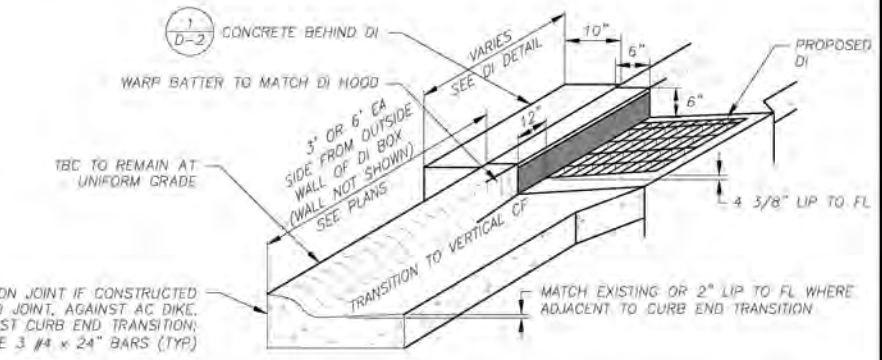
SUMP CONDITION

STEEL PLATE HOOD



ROLLED CURB AND GUTTER WITH TIE IN PAVEMENT

3
D-2



DI CURB TRANSITION

4
D-2

- DRAINAGE INLET NOTES:**
1. THE 1:1 SLOPED CONCRETE SECTION IS TO BE POSITIONED ON THE UPSLOPE SIDE OF THE DRAINAGE INLET.
 2. DEPRESS GUTTER FLOWLINE FROM EXISTING TO 8", AS MEASURED FROM TBC, PER DI CURB TRANSITION DETAIL.
 3. FLOOR OF THE DRAINAGE INLET WILL BE PLACED PRIOR TO OR AT THE SAME TIME AS THE SIDE WALLS, OR TIED WITH REBAR.
 4. FRAME AND GRATE WILL CONFORM TO THE FRAME AND GRATE DETAIL ON THE PLANS OR BE PRE-MANUFACTURED BY A FOUNDRY WITH SIMILAR DIMENSIONS.
 5. DRAINAGE INLET HOOD WILL BE 1/2" MINIMUM THICKNESS STEEL PLATE PAINTED BLACK.
 6. WALL REINFORCING (NOT SHOWN) WILL BE #4 BARS @ 18" OC EACH WAY, PLACED 1 1/2" CLEAR FROM INSIDE OF BOX. INLET BOTTOM REINFORCING NOT REQUIRED EXCEPT AS NOTED IN NOTE 3, ABOVE.
 7. A PRECAST UNIT WITH CAST-IN-PLACE TOP SECTION TO RECEIVE GRATE, FRAME AND HOOD IS AN ACCEPTABLE ALTERNATIVE TO CAST-IN-PLACE UNITS. DRAINAGE INLETS THAT ARE ENTIRELY PRECAST ARE NOT ACCEPTABLE. CAST-IN-PLACE TOP SECTIONS WILL BE DOWEL INTO THE CURB AND GUTTER WITH 3-#4 BARS, 18" LONG, ON EACH SIDE OF DRAINAGE INLET.
 8. WHEN DIRECTED BY ENGINEER, DRAINAGE INLET IE WILL EQUAL IE OF OUTLET PIPE. YOU ARE TO SLOPE THE DRAINAGE INLET FLOOR TO DRAIN AND DMIT HOLES.

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

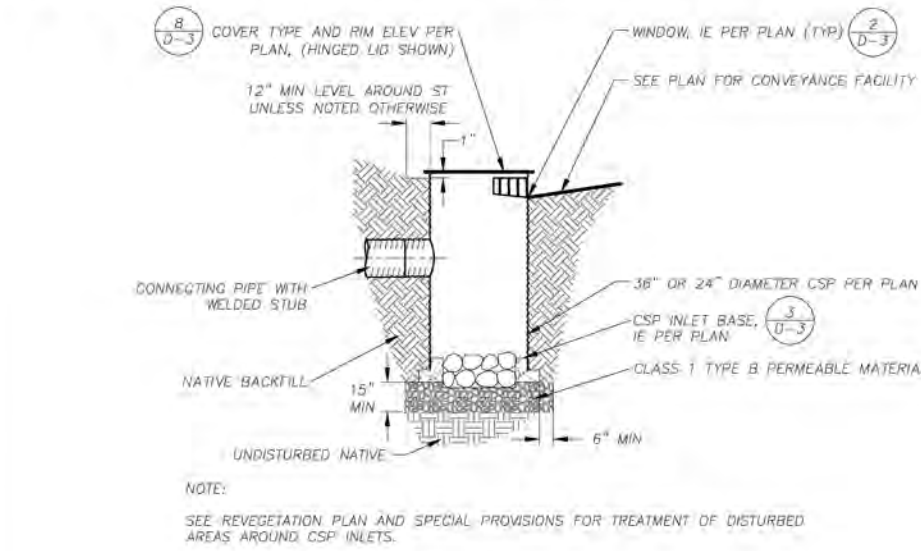
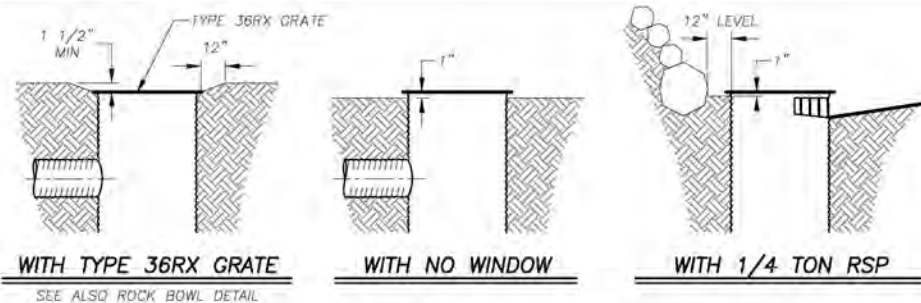


**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**OFLYNG WATER QUALITY PROJECT
DETAIL SHEET**

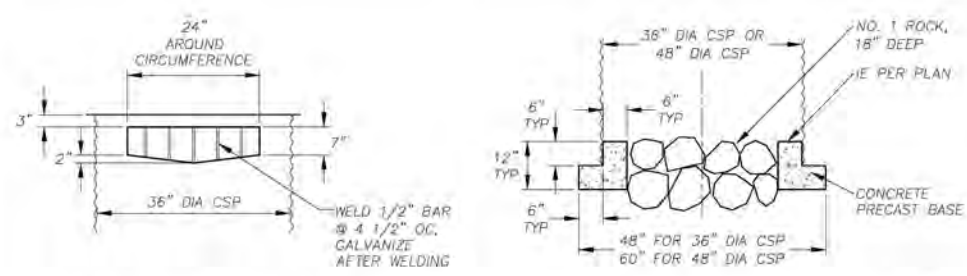
SHEET
D-2
 26 OF 32
 CONTRACT NO.
3692
 SIP No.
95177

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



CSP INLET
NTS

1
D-3

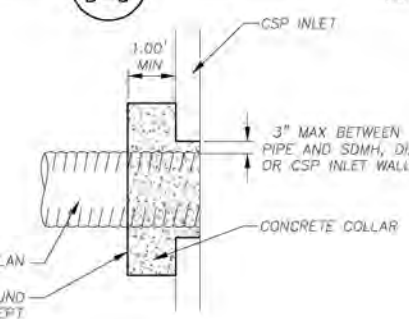


CSP INLET WINDOW
NTS

2
D-3

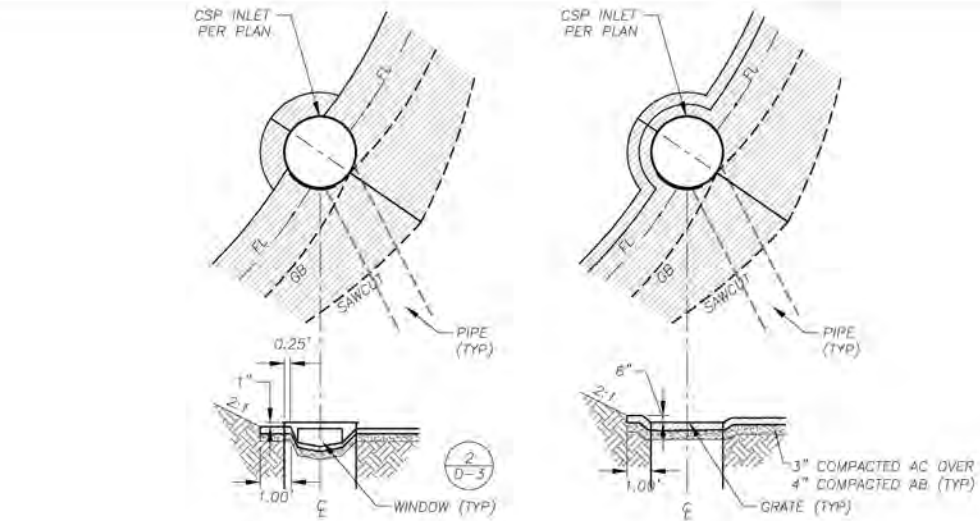
CSP INLET BASE
NTS

3
D-3



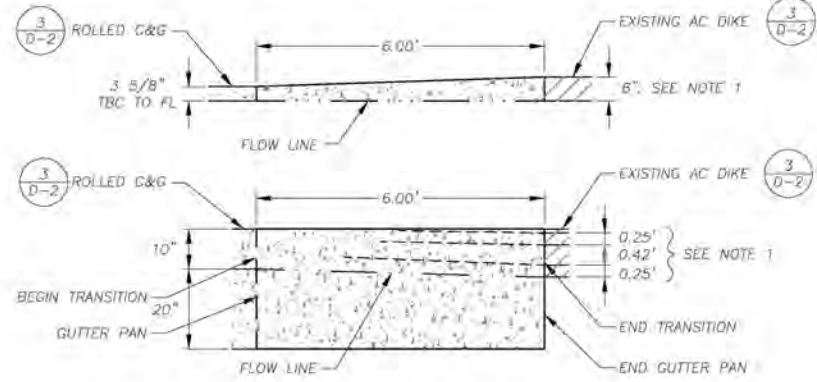
CONCRETE COLLAR
NTS

4
D-3



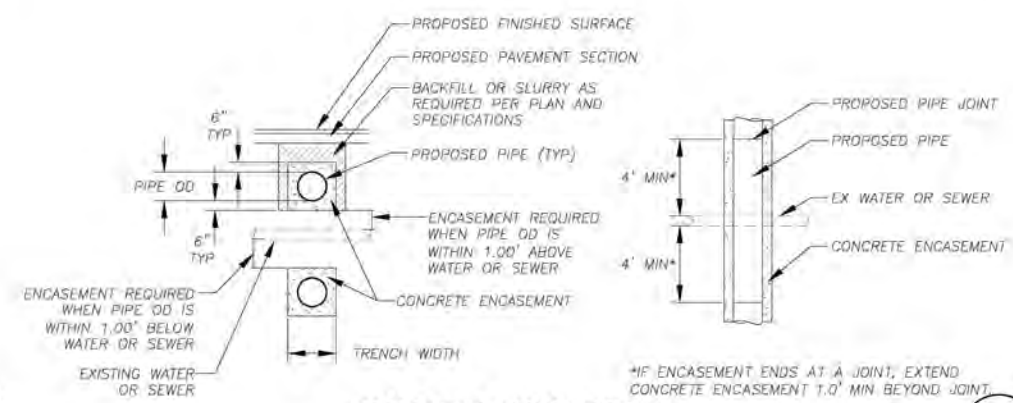
AC SWALE AT CSP INLET WINDOWS/GRATES
NTS

5
D-3



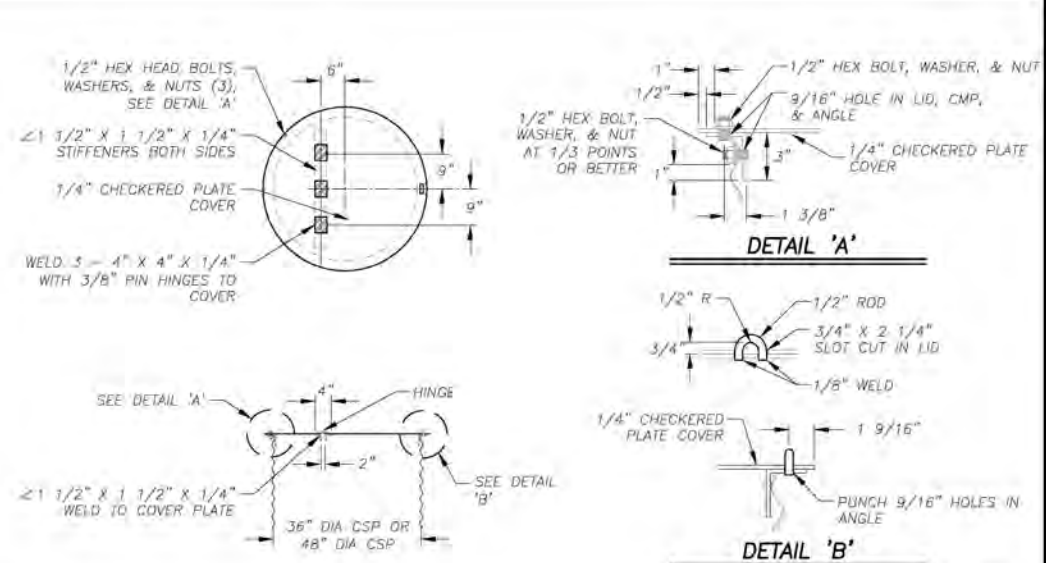
CURB TO DIKE TRANSITION
NTS

6
D-3



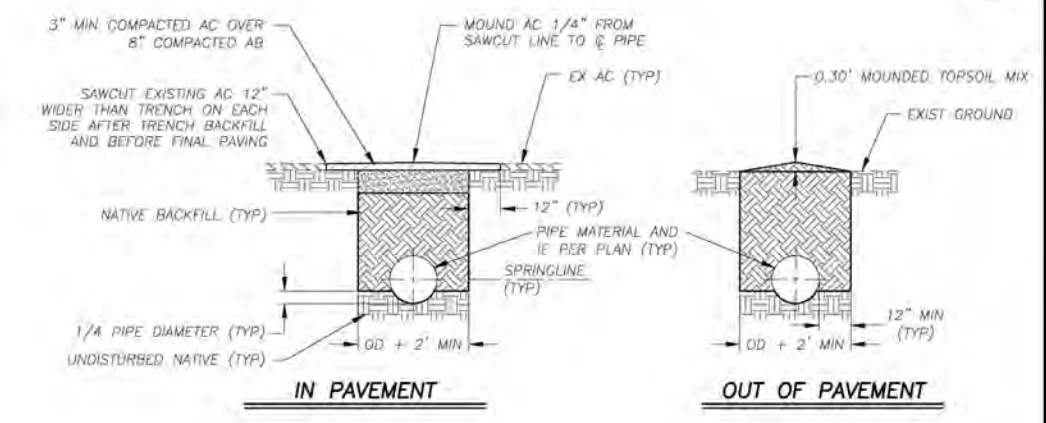
CONCRETE ENCASEMENT
NTS

7
D-3



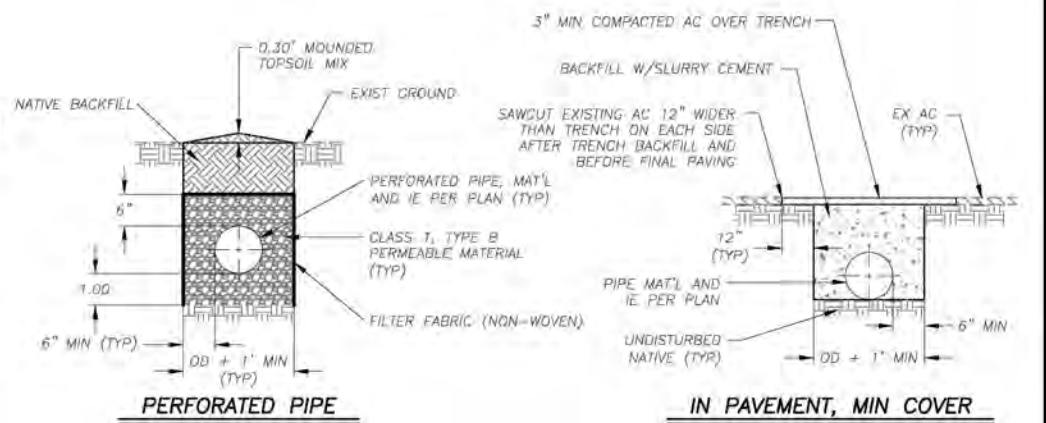
HINGED LID
NTS

8
D-3



IN PAVEMENT

OUT OF PAVEMENT



PERFORATED PIPE

IN PAVEMENT, MIN COVER

- NOTES:
- SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE PIPE TRENCH BACKFILL SHALL BE SLURRY CEMENT.
 - FOR REMOVAL OF EXISTING PIPE IN PAVEMENT: PRIOR TO PAVING, SAWCUT THE EXISTING AC PAVEMENT 12\"/>

PIPE TRENCH
NTS

9
D-3



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

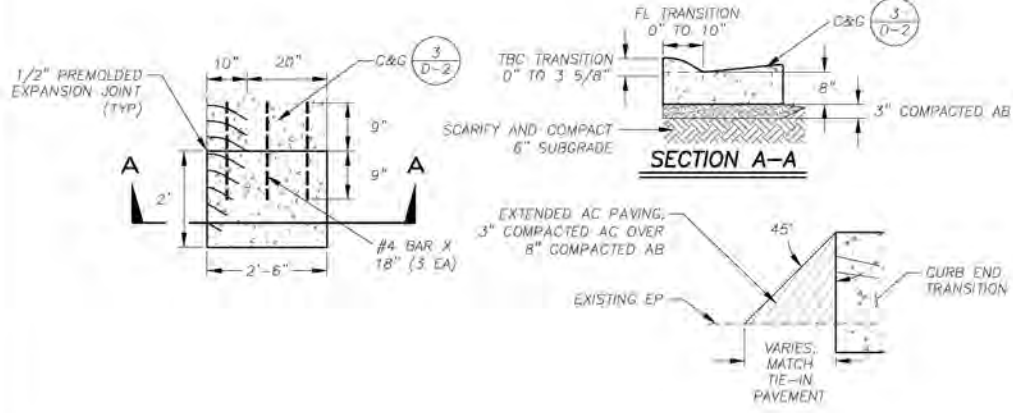


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYING WATER QUALITY PROJECT
 DETAIL SHEET

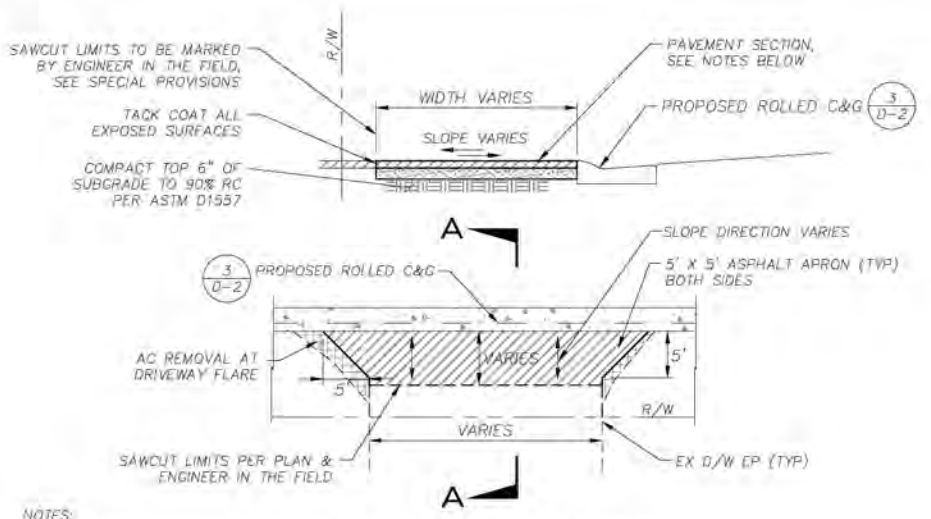
SHEET
D-3
 27 OF 32
 CONTRACT NO.
3692
 SIP No.
95177

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



TYPE 1 CURB END TRANSITION

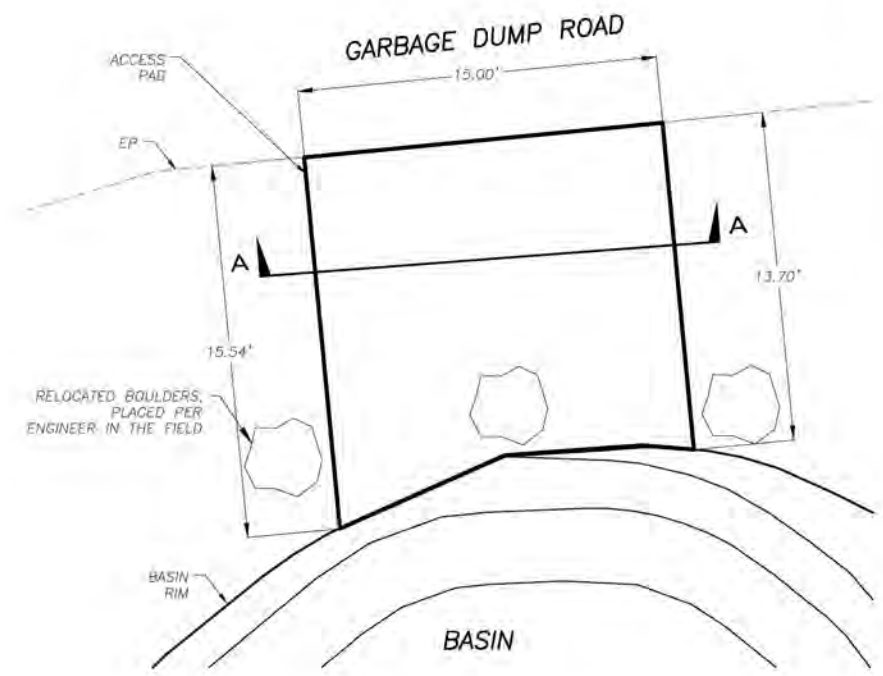
1
D-4



DRIVEWAY REMOVE & REPLACE

3
D-4

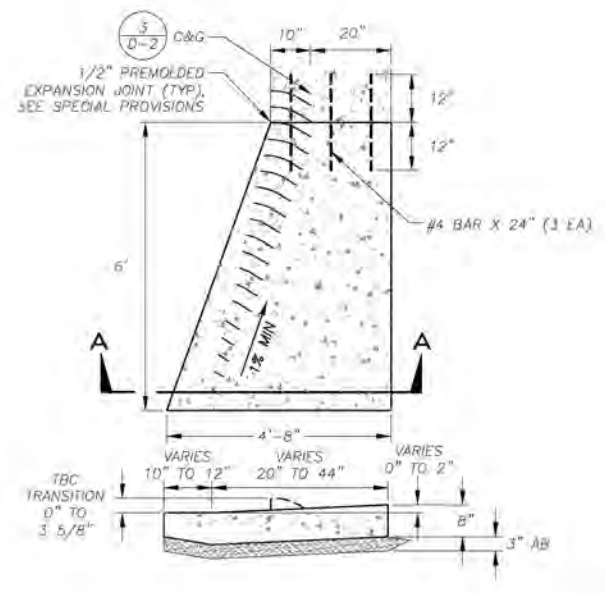
- NOTES:
1. DRIVEWAY PAVEMENT REPLACEMENT TO BE 2 1/2" AC OVER 4" AB @ 95% RC.
 2. MATCH WIDTH OF EXISTING DRIVEWAY UNLESS NOTED OTHERWISE ON PLANS.
 3. THE ENGINEER SHALL MARK THE SAWCUT LIMITS AT EACH DRIVEWAY.
 4. DRIVEWAY PAVING SHALL BE WARDED TO MAINTAIN A SMOOTH TRANSITION AND PREVENT PONDING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



SECTION A-A

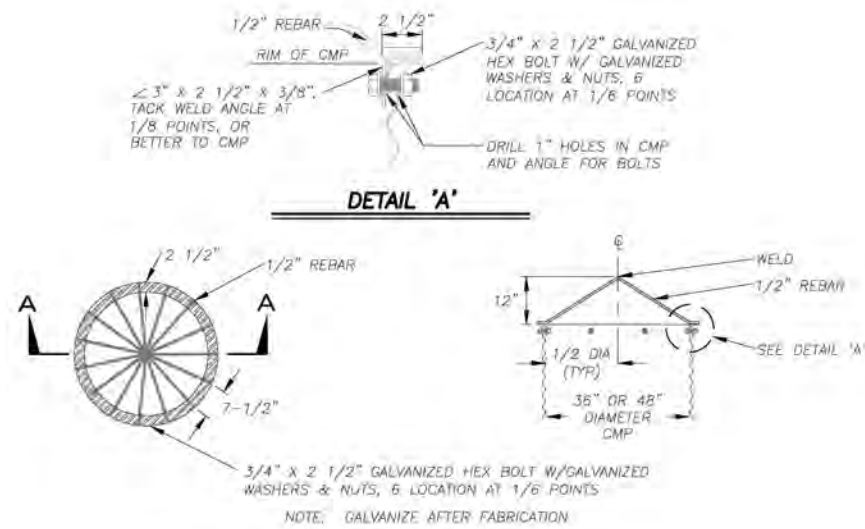
BASIN ACCESS PAD

5
D-4



TYPE 2 CURB END TRANSITION

2
D-4



ATRIUM RACK

4
D-4



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER:

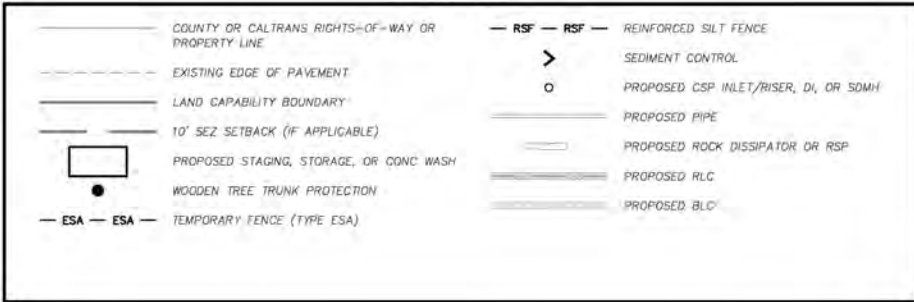


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
 DETAIL SHEET

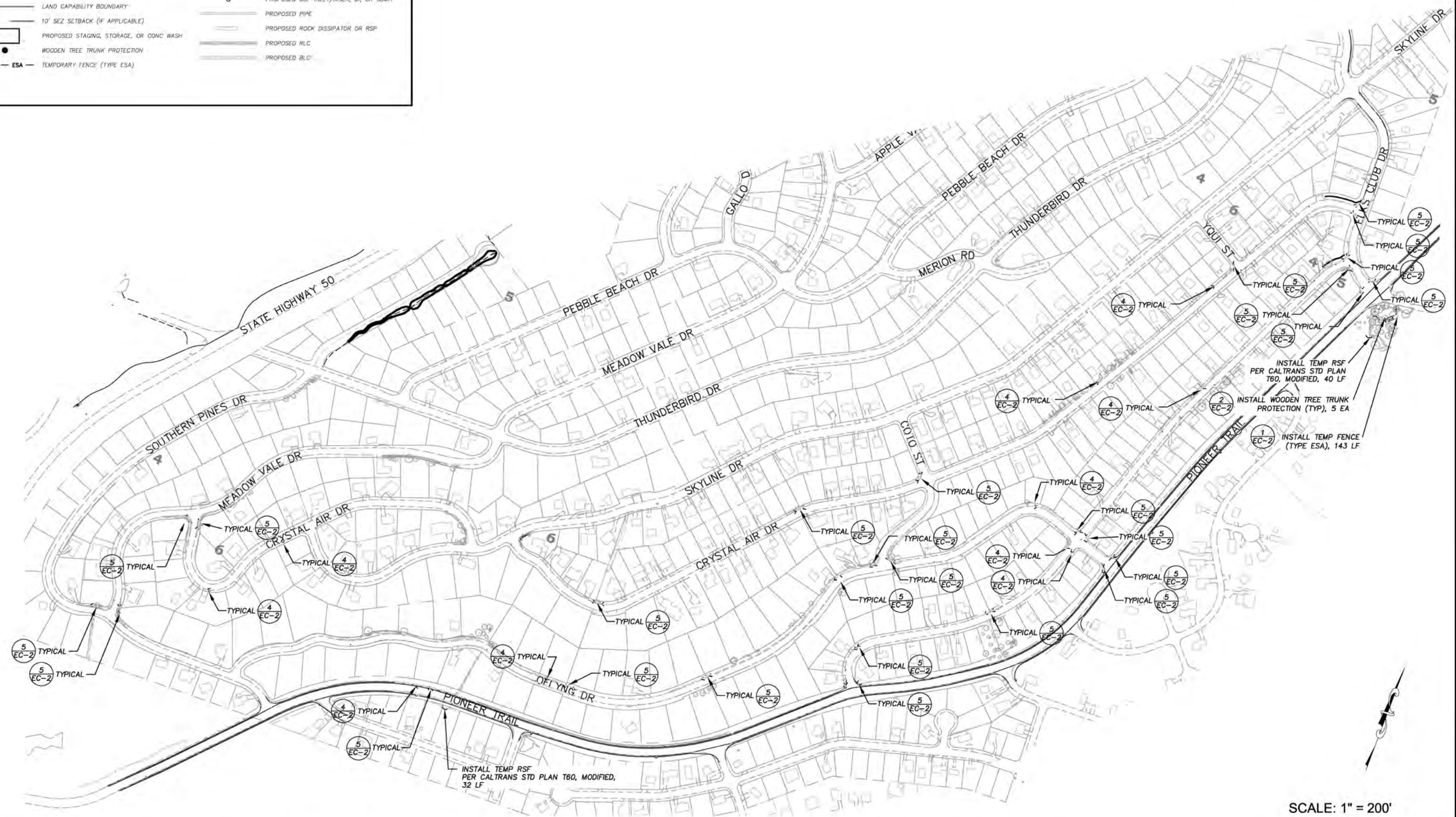
SHEET
D-4
 28 of 32
 CONTRACT NO.
3692
 SIP No.
95177

LEGEND



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
 JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---

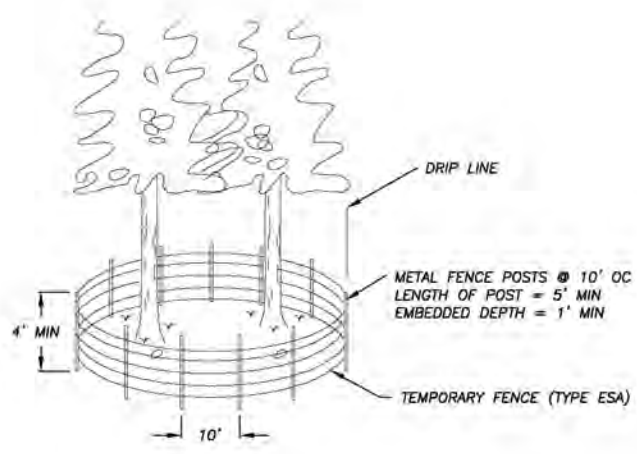


COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

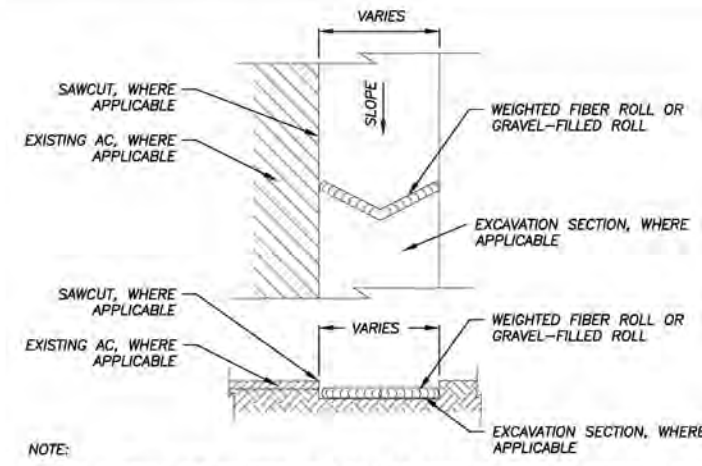
OFLYNG WATER QUALITY PROJECT
 TEMPORARY EROSION CONTROL

SHEET
EC-1
 29 OF 32
 CONTRACT NO.
3692
 DIP No.
95177

ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 0' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'

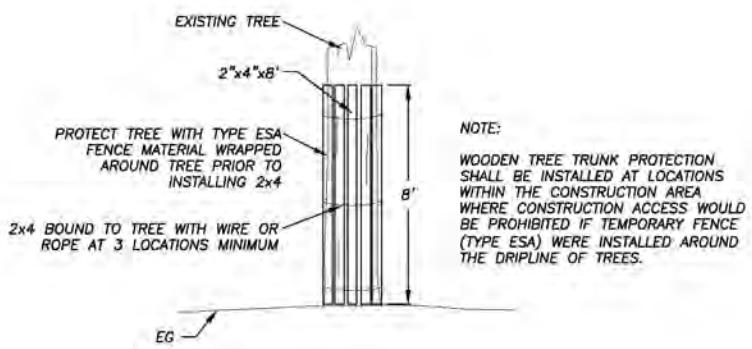


TEMPORARY FENCE (TYPE ESA) AT DRIPLINES 1
NTS EC-2



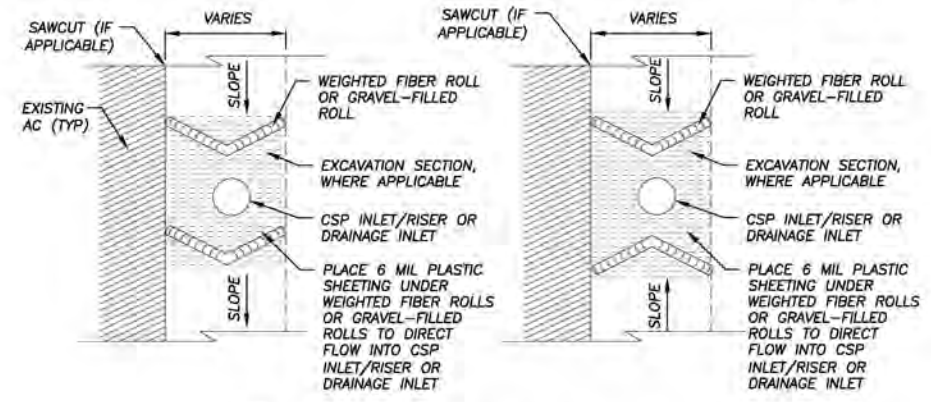
NOTE:
 SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS 4
NTS EC-2



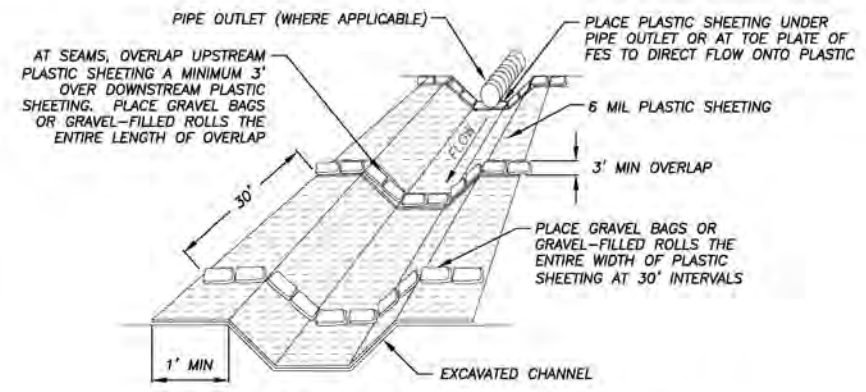
NOTE:
 WOODEN TREE TRUNK PROTECTION SHALL BE INSTALLED AT LOCATIONS WITHIN THE CONSTRUCTION AREA WHERE CONSTRUCTION ACCESS WOULD BE PROHIBITED IF TEMPORARY FENCE (TYPE ESA) WERE INSTALLED AROUND THE DRIPLINE OF TREES.

WOODEN TREE TRUNK PROTECTION 2
NTS EC-2



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

DRAIN INLET PROTECTION 5
NTS EC-2



PLASTIC SHEETING WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS 3
NTS EC-2

NOT USED 6
NTS EC-2

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

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 JANUARY 11, 2022

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

FLYING WATER QUALITY PROJECT
 TEMPORARY EROSION CONTROL DETAILS

SHEET
EC-2
 30 of 32
 CONTRACT NO.
3692
 CIP No.
95177

SYMBOL LEGEND

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

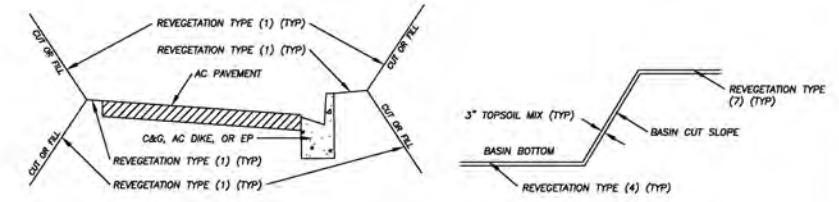
DEFINITIONS

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.

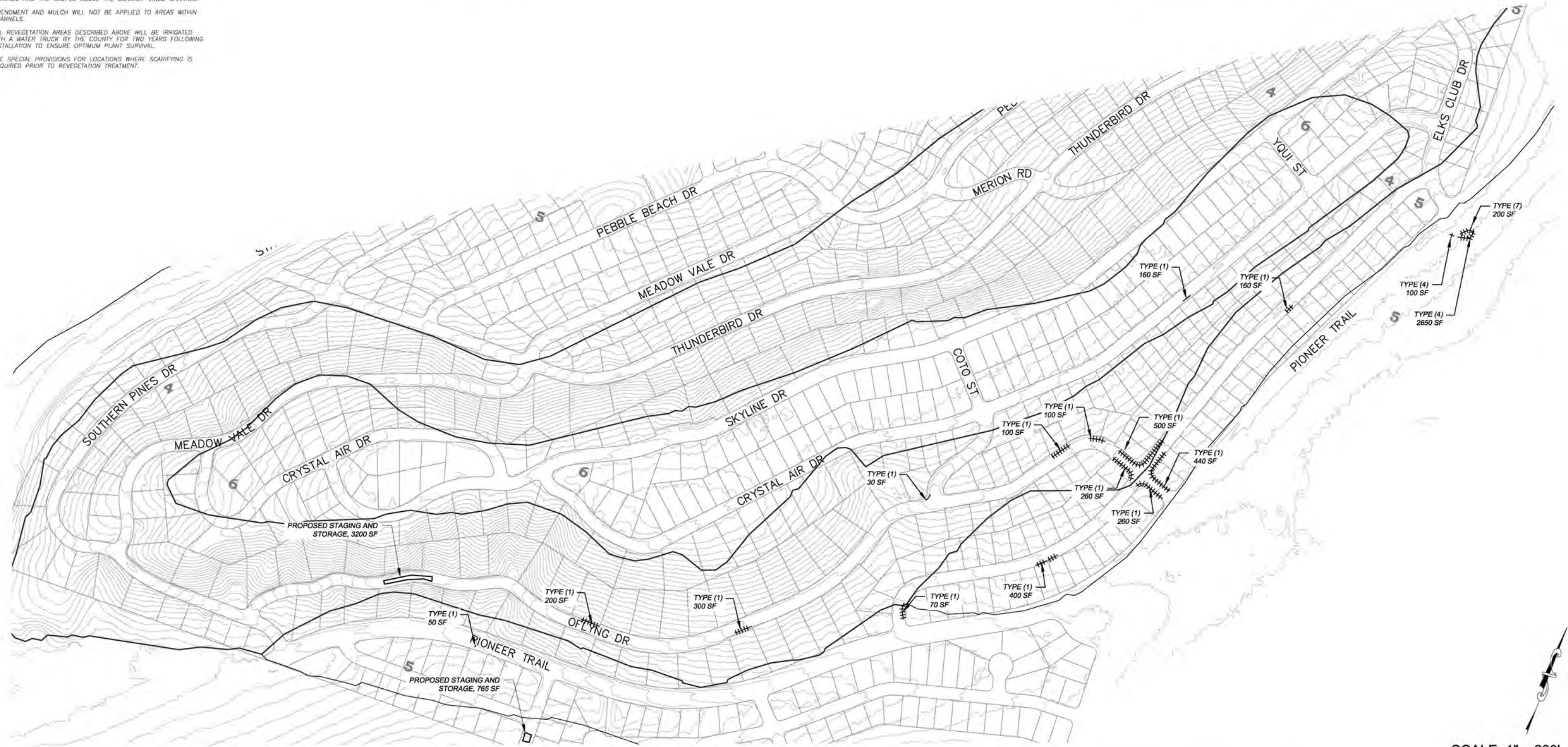


TYPICAL ROADWAY & BASIN REVEGETATION

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'

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |
| | | | | |
| | | | | |



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: **JANUARY 11, 2022**

DESIGNED: DMG
DRAWN: DMG
CHECKED: DWK
DATE: 01/2022
ROAD NUMBER: ---











**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**OFLYNG WATER QUALITY PROJECT
REVEGETATIVE PLAN**

SHEET
R-1
31 of 32
CONTRACT NO.
3692
CIP No.
95177

LEGEND

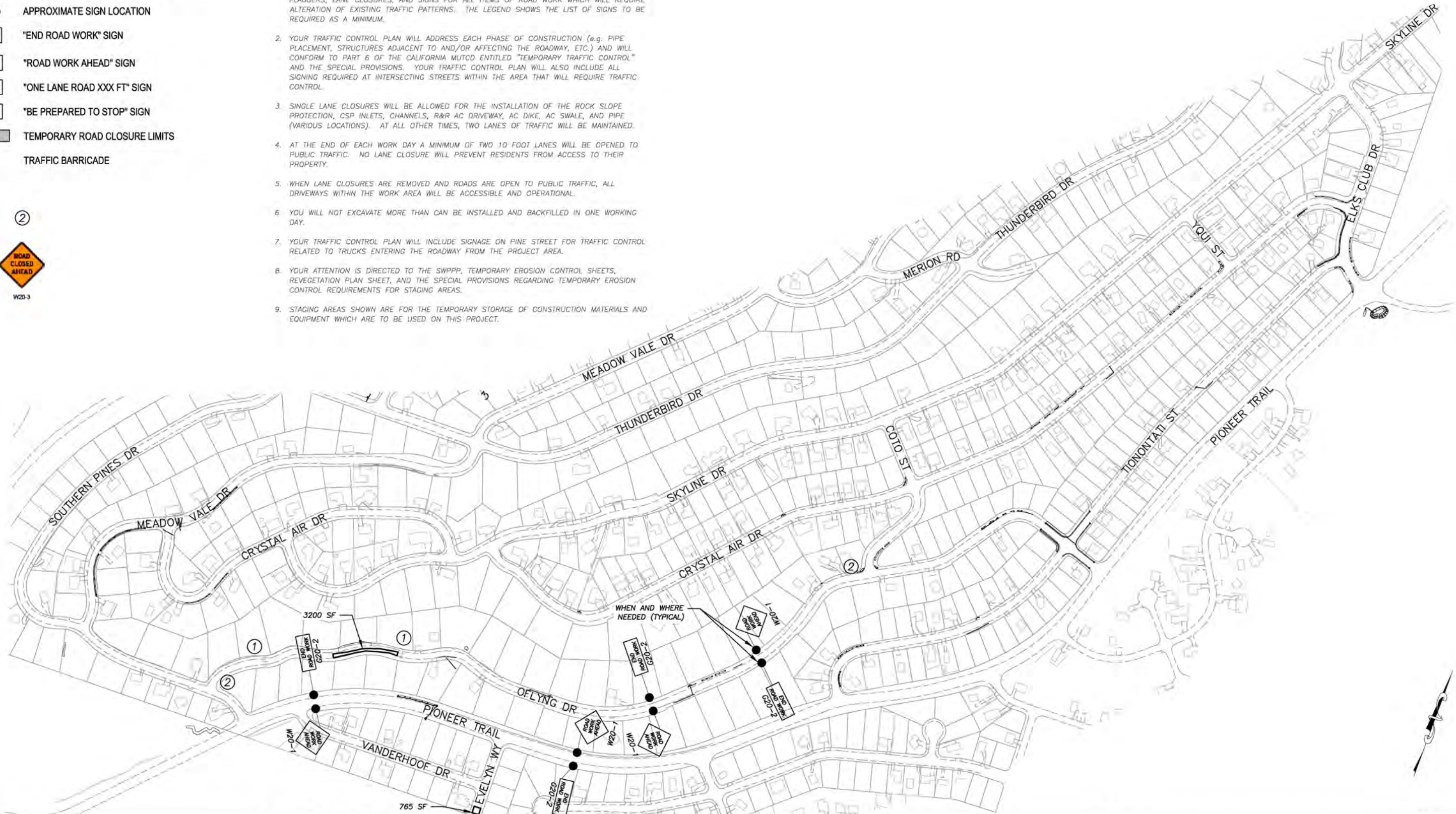
-  PROPOSED STAGING AREA WITH SF
-  APPROXIMATE SIGN LOCATION
-  "END ROAD WORK" SIGN
-  "ROAD WORK AHEAD" SIGN
-  "ONE LANE ROAD XXX FT" SIGN
-  "BE PREPARED TO STOP" SIGN
-  TEMPORARY ROAD CLOSURE LIMITS
-  TRAFFIC BARRICADE

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.

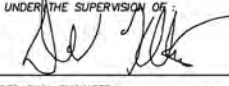


FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
| | | | | |



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
JANUARY 11, 2022
 DATE:

DESIGNED: DMG
 DRAWN: DMG
 CHECKED: DWK
 DATE: 01/2022
 ROAD NUMBER: ---



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

OFLYNG WATER QUALITY PROJECT
TRAFFIC CONTROL PLAN

SHEET
TC-1
 32 OF 32
 CONTRACT NO.
3692
 CIP No.
95177