INDEX OF SHEETS

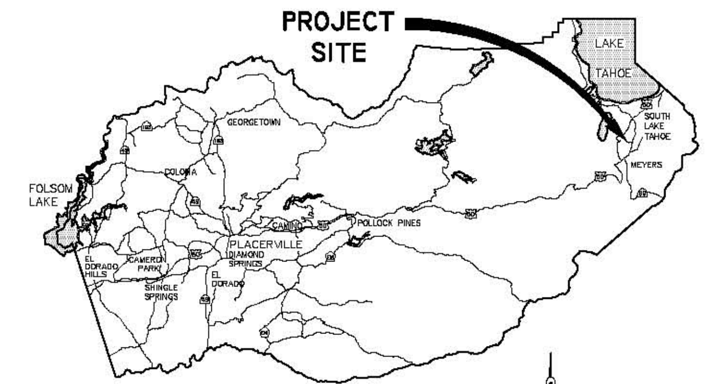
COUNTY OF EL DORADO, CA
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

PROJECT PLANS FOR THE CONSTRUCTION OF THE 2014

SAWMILL 2B BIKE PATH AND EROSION CONTROL PROJECT

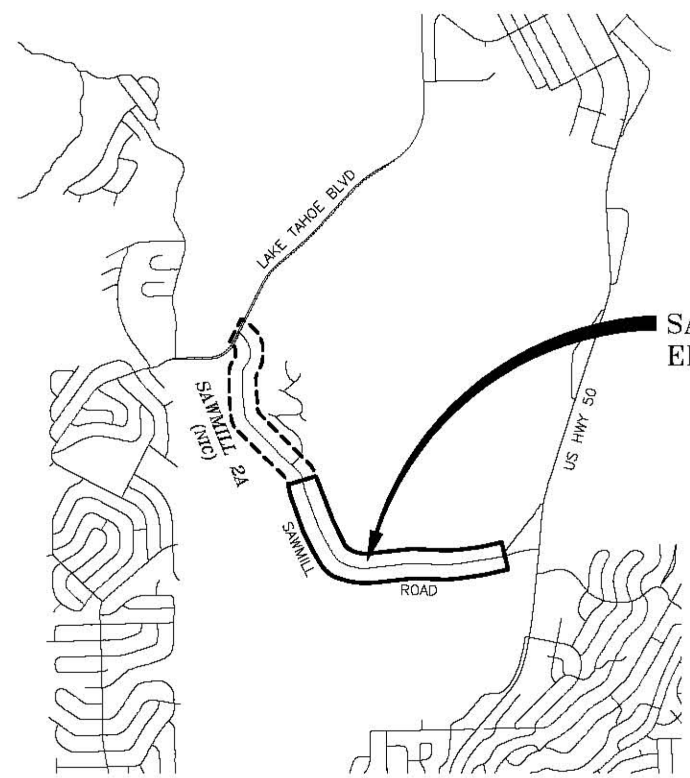
IN THE COUNTY OF EL DORADO, DISTRICT 5,
PORTION OF EAST 1/2 SEC 18, PORTION OF EAST 1/2 SEC 19,
PORTION OF NORTH 1/2 SEC 20, T12N, R18E, MDM

To be supplemented with the 2006 Standard Plans and Specifications of the California Department of Transportation, unless otherwise noted.



VICINITY MAP

COUNTY OF EL DORADO



LOCATION MAP

SCALE: 1" = 2000'

FUNDING AGENCIES

USDA FOREST SERVICE
TAHOE REGIONAL PLANNING AGENCY
CONGESTION MITIGATION AND AIR QUALITY

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Law (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans, at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. If the Contractor possesses a Class A license instead of the equivalent combination of Classes required by the categories and type of work included in the Contract Documents and Plans, then the Contractor or a subcontractor must also possess a CLASS C27 "Landscaping Contractor" license. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.

05/28/2014

SUBMITTED BY: DONALDO S. PALAROAN P.E. SENIOR CIVIL ENGINEER STATE OF CALIFORNIA NO. 66083 — DATE

REVISIONS

MARK	DATE	BY	

BOARD OF SUPERVISORS
RON "MIK" MIKULACO — I
RAYMOND J. NUTTING — II
BRIAN K. VEERKAMP — III
RON V. BRIGGS — IV
NORMA SANTIAGO — V

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

ADOPTED AND APPROVED BY:
NORMA SANTIAGO, CHAIR, COUNTY OF EL DORADO BOARD OF SUPERVISORS — DATE
STEVEN M. PEDRETTI, DIRECTOR, COMMUNITY DEVELOPMENT AGENCY, COUNTY OF EL DORADO — DATE
JOHN H. KAHLING P.E. RCE NO. 52426 DEPUTY DIRECTOR OF ENGINEERING, COMMUNITY DEVELOPMENT AGENCY, TRANSPORTATION DIVISION — DATE

PW NO. 11-30593, PROJECT NO. 95192
FEDERAL AID NO. CML 5925 (121)

SAWMILL 2B BIKE PATH AND EROSION CONTROL PROJECT
TITLE SHEET
SHEET I OF 35

Drawing name: \\CDAData5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\1 SAW2B_I TITLE.dwg

GENERAL NOTES

1. ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE COUNTY OF EL DORADO TRANSPORTATION DIVISION (TD). IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE MAY 2006 CALTRANS STANDARD PLANS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" SHALL MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, MAY 2006, INCLUDING THE AMENDMENTS TO THE MAY 2006 STANDARD SPECIFICATIONS. CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC COUNTY OF EL DORADO (COUNTY) ORDINANCES SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR

2. CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 8:00 A.M. AND 6:30 P.M. UNLESS PRIOR APPROVAL IS RECEIVED FROM THE COUNTY TD.

3. THE LOCATIONS AND EXTENT OF EXISTING UNDERGROUND UTILITIES IN THE WORK AREA AS SHOWN ARE APPROXIMATE AND ARE NOT NECESSARILY COMPLETE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE EXISTING UTILITIES BASED UPON AVAILABLE RECORDS. THE CONTRACTOR SHALL DETERMINE THE TYPE, LOCATION, SIZE, AND/OR DEPTH OF THE EXISTING UTILITIES WITHIN THE WORK AREA BEFORE COMMENCING WORK. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 642-2444 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. SEE SPECIAL PROVISIONS FOR CONTRACTOR NOTIFICATION REQUIREMENTS. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.

4. UNLESS NOTED OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS, INCLUDING CONSTRUCTION STAKES DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST TO REPLACE ANY SUCH SURVEY MONUMENTS, MARKERS, OR STAKES.

5. THE CONTRACTOR SHALL PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

6. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTRACT AND STANDARD SPECIFICATIONS.

7. THERE SHALL BE NO GRADING OR LAND DISTURBANCE PERFORMED WITH RESPECT TO THE PROJECT BETWEEN OCTOBER 15 AND MAY 1 UNLESS PROPER APPROVALS ARE OBTAINED FROM THE TAHOE REGIONAL PLANNING AGENCY (TRPA), AS PROVIDED IN THE LIMITED EXEMPTION DESCRIBED IN CHAPTER 64, SUBSECTION 64.2.B. OF THE TRPA CODE OF ORDINANCES. APPROVALS FOR GRADING BETWEEN OCTOBER 15 AND MAY 1 MUST ALSO BE OBTAINED FROM THE REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN. IF REQUIRED, THE COUNTY SHALL OBTAIN THESE APPROVALS.

8. THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUPPLY TO THE COUNTY A SET OF PLANS, MARKED UP TO THE SATISFACTION OF THE COUNTY, REFLECTING THE AS-CONSTRUCTED MODIFICATIONS.

9. ALL CONTROL STATIONING AND DATA DIMENSIONING ARE REFERENCED TO THE CENTERLINE OF THE FACILITY SHOWN UNLESS OTHERWISE NOTED.

10. AT NO TIME SHALL THE CONTRACTOR UNDERTAKE TO CLOSE OFF ANY EXISTING UTILITY LINES OR OPEN VALVES OR TAKE ANY OTHER ACTION WHICH WOULD AFFECT THE OPERATION OF EXISTING WATER OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL FROM THE SOUTH TAHOE PUBLIC UTILITY DISTRICT (STPUD). APPROVAL SHALL BE REQUESTED AT LEAST 48 HOURS IN ADVANCE OF THE TIME THAT THE INTERRUPTION OF THE EXISTING SYSTEM IS REQUIRED. ANY INTERRUPTION OF SERVICE TO ACTIVE WATER OR SEWER SERVICES, INCLUDING FIRE HYDRANTS, WHETHER INTENTIONAL OR NOT, MUST BE KEPT TO A MINIMUM TIME PERIOD. IF SERVICE TO BUILDINGS IS TO BE OFF FOR MORE THAN FOUR HOURS, THE CONTRACTOR MUST ADVISE STPUD.

11. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM PREVENTIVE DUST CONTROL MEASURES TO ENSURE THAT DUST RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK IS CONTROLLED IN CONFORMANCE WITH THE PROVISIONS OF SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY," OF THE STANDARD SPECIFICATIONS, COUNTY, AND LOCAL ORDINANCES. SEE SPECIAL PROVISIONS REGARDING DUST AND TRACKING CONTROL AND SWEEPING REQUIREMENTS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TRPA "HANDBOOK OF BEST MANAGEMENT PRACTICES" AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE TD SHALL CONTACT TRPA PRIOR TO THE COMMENCEMENT OF WORK FOR A PRE-GRADING INSPECTION OF THE INSTALLED TEMPORARY EROSION CONTROL FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PERFORMANCE OF THE TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. SEE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL FACILITY REMOVAL.

13. CONSTRUCTION LIMITS SHOWN ON THE PLANS DELINEATE BOUNDARIES FOR THE CONTRACTOR'S OPERATIONS OUTSIDE THE COUNTY STREET RIGHT-OF-WAY. CONSTRUCTION LIMIT FENCING SHALL BE ERECTED ALONG THESE BOUNDARIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN THE CONSTRUCTION LIMITS, EXISTING VEGETATION SHALL BE PROTECTED TO THE EXTENT FEASIBLE. ALL EXISTING TREES SHALL BE PROTECTED UNLESS SHOWN ON THE PLANS TO BE REMOVED. SEE SPECIAL PROVISIONS REGARDING PAYMENT FOR TREE REMOVAL.

14. ALL REVEGETATION SHOWN ON THE PLANS IS TO BE COMPLETED BY OTHERS, UNLESS NOTED OTHERWISE.

15. THE CONTRACTOR SHALL USE ONLY DESIGNATED SPECIFIC SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS.

16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, SUCH AS THE NATURE AND LOCATION OF THE WORK AND THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF TRANSPORTATION, THE DISPOSAL, HANDLING, AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF WEATHER, THE CONDITIONS OF THE GROUND, SURFACE AND SUBSURFACE MATERIALS, THE EQUIPMENT AND FACILITIES NEEDED PRIMARILY FOR AND DURING THE PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT HIMSELF WITH ALL THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR PROPERLY ESTIMATING THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK.

17. ELEVATIONS SHOWN ON THE PLANS FOR PIPE INVERTS, FLOWLINES, TOPS OF GRATES, RIMS, ETC., ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL NECESSARY SURFACE ELEVATIONS IN THE FIELD AND NOTIFY THE TD OF ANY DISCREPANCIES WHICH MIGHT AFFECT PROPER OPERATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE TD SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO THE INSTALLATION OF THE FACILITIES.

18. THE CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY TD, AS MAY BE NECESSARY TO COMPLY WITH STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK. SEE SPECIAL PROVISIONS.

19. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE CONTRACT DOCUMENTS FOR ALL SUBMITTALS REQUIRED FOR COUNTY REVIEW AND ACCEPTANCE.

20. THE COUNTY WILL FURNISH THE CONSTRUCTION STAKING TO THE CONTRACTOR AS SET FORTH IN THE SPECIAL PROVISIONS.

21. CONTRACTOR SHALL NOTE THAT THE PLANS SHOW SLOPE LENGTHS FOR PIPE. ALL PIPE LENGTHS AND INVERT ELEVATIONS SHOWN ON THE PLANS ARE TO THE CENTERLINE OF THE STRUCTURES TO WHICH THE PIPES ARE ATTACHED. SEE SPECIAL PROVISIONS FOR THE MAXIMUM ALLOWABLE DEFLECTION ANGLE AT EACH PIPE JOINT.

22. THE LIMITS OF GRADING ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN GRADING LIMITS AS SHOWN ON THE PLANS, DETAILS, CROSS SECTIONS, AND AS DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR THE RAW EARTHWORK QUANTITIES ASSOCIATED WITH GRADING.

ABBREVIATIONS

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING

△	DELTA = DEFLECTION ANGLE
A	ASPEN
AB	AGGREGATE BASE
ABAND	ABANDONED
AC	ASPHALT CONCRETE
ACS	ASPHALT CONCRETE SWALE
ACP	ASBESTOS CEMENT PIPE
AP	ANGLE POINT
APN	ASSESSOR'S PARCEL NUMBER
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BGN	BEGIN
BLVD	BOULEVARD
BP	BIKE PATH
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
C	CEDAR
CALCS	CALCULATIONS
CATV	CABLE TELEVISION
CC	CENTER TO CENTER
CF	CUBIC FEET OR CURB FACE
CHD	CHORD DIRECTION
CIR	CIRCLE
℄	CENTERLINE
CL	CLASS, CHAIN LINK, OR CENTERLINE
CLF	CONSTRUCTION LIMIT FENCE
CLR	CLEAR
CO	CURB OPENING OR CLEANOUT
CO.	COUNTY
CONC	CONCRETE
CONST	CONSTRUCT
CMP	CORRUGATED METAL PIPE
CT	CALTRANS OR COURT
CTC	CALIFORNIA TAHOE CONSERVANCY
CY	CUBIC YARD
C&G	CURB AND GUTTER
D	DEPTH
DBL	DOUBLE
DET	DETAIL
DI	DRAINAGE INLET OR DUCTILE IRON
DIA OR ⌀	DIAMETER
DISS	DISSIPATOR
DR	DRIVE
D/W	DRIVEWAY
E	EAST
EA	EACH
EC	END OF CURVE
ECR	END OF CURB RETURN
EG	EXISTING GRADE
ELEV	ELEVATION
ELEC	ELECTRIC
ENGR	ENGINEER
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EX OR EXIST	EXISTING
F	FIR
FES	FLARED END SECTION
FF	FILTER FENCE
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FS	FINISH SURFACE
G	GAS
GA	GAUGE
GB	GRADE BREAK
GLS	GRASS-LINED SWALE
GV	GATE VALVE
GW	GROUND WATER
H	HORIZONTAL
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INCR	INCREASE
INST	INSTALL
INTRXN	INTERSECTION
L	LENGTH
LC	LENGTH OF CHORD
LF	LINEAR FEET
LOL	LAYOUT LINE
LP	LOW POINT
LT	LEFT
LTB	LAKE TAHOE BLVD
MAT'L	MATERIAL
MISC	MISCELLANEOUS
MOC	MID POINT ON CURVE
MOD	MODIFIED
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OAE	OR APPROVED EQUAL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
P	PINE
PC	POINT OF BEGINNING OF CURVE
PCC	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVE
PERF	PERFORATED
PL	PROPERTY LINE
PCVCE	POINT OF COMPOUND VERTICAL CURVE ELEVATION
PCVCS	POINT OF COMPOUND VERTICAL CURVE STATION
POR	PORTION
PRVCE	POINT OF REVERSE VERTICAL CURVE ELEVATION
PRVCS	POINT OF REVERSE VERTICAL CURVE STATION
PP	POWER/UTILITY POLE
PRC	POINT OF REVERSE CURVE
PROP	PROPOSED
PT	POINT OR POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
PVIE	POINT OF VERTICAL INTERSECTION ELEVATION
PVIS	POINT OF VERTICAL INTERSECTION STATION
PVMT	PAVEMENT
QUINT	QUINTUPLE
R	RADIUS
R&R	REMOVE & REPLACE
RC	RELATIVE COMPACTION
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REF	REFERENCE
REQ'D	REQUIRED
RLC	ROCK-LINED CHANNEL
ROW	RIGHT-OF-WAY
RR	RAILROAD
RSP	ROCK SLOPE PROTECTION
RT	RIGHT
RW	RETAINING WALL
S	SOUTH OR SANITARY SEWER
SCO	SEWER CLEAN OUT
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SEZ	STREAM ENVIRONMENT ZONE
SF	SQUARE FEET
SHT	SHEET
SLI	SLOPE LENGTH IN PAVEMENT
SLO	SLOPE LENGTH OUT OF PAVEMENT
SM	SAWMILL
SMH	SEWER MANHOLE
ST	SEDIMENT TRAP OR STREET
STA	STATION
STD	STANDARD
STL	STEEL
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
STPUD	SOUTH TAHOE PUBLIC UTILITY DISTRICT
T	TELEPHONE
TBC	TOP BACK OF CURB
TBD	TOP BACK OF DIKE
TD	TOP OF DIKE
TBM	TEMPORARY BENCHMARK
TBR	TO BE REMOVED
TF	TOP OF FOOTING
TG	TOP OF GRATE
TTL	TOTAL
TRANS	TRANSITION
TRM	TURF REINFORCEMENT MAT
TRPA	TAHOE REGIONAL PLANNING AGENCY
TS	TUBULAR STEEL
TW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
UKN	UNKNOWN
USFS	UNITED STATES FOREST SERVICE
V	VERTICAL
W	WEST OR WATER
W/	WITH
W/O	WITHOUT
WC	WILLOW CLUSTER
WV	WATER VALVE

LEGEND

EXISTING

(SCREENED AND/OR DASHED) EXISTING (AS NOTED)
RIGHT-OF-WAY OR PROPERTY LINE
ROADWAY EASEMENT
PERMANENT CONSTRUCTION EASEMENT
TEMPORARY CONSTRUCTION EASEMENT
UTILITY OR DRAINAGE EASEMENT
LAND CAPABILITY BOUNDARY
10' SEZ SETBACK
ROCK
FOUND MONUMENT
SURVEY CONTROL POINT
XXXX.X ELEVATION
ELECTRICAL, TELEPHONE, & SEWER MANHOLE
SCO SEWER CLEAN OUT
DRAINAGE INLET
gm GAS METER
wv WATER VALVE
wm WATER METER
MONITORING WELL
—w—w— WATER LINE
—s—s— SEWER LINE
—g—g— GAS LINE
STORM DRAIN
—oh—oh— OVERHEAD UTILITIES
—ut—ut— UNDERGROUND TELEPHONE
—ue—ue— UNDERGROUND ELECTRIC
POWER/UTILITY POLE
UTILITY POLE & GUY ANCHOR
FIRE HYDRANT
—x— WOOD, WIRE, & BARBED WIRE FENCE
FLOWLINE
28"p TREE, DIAMETER AND TYPE
STUMP
wc WILLOW CLUSTER

PROPOSED

CENTERLINE
SAWCUT (AS NOTED)
AC PAVEMENT
AC OR CONCRETE REMOVAL
XXXX.XX ELEVATION
ELEVATION, EG CL, PROPOSED (PROFILE ONLY)
SEDIMENT TRAP
CUT OR FILL SLOPE
DETAIL REF NUMBER SHEET NUMBER
ROCK
△/4 ONE-QUARTER DELTA
BIKE PATH
SD PIPE (MATERIAL AS NOTED)
—FF—CLF— FILTER FENCE OR CONSTRUCTION LIMIT FENCE
FLARED END SECTION
#:# SLOPE RATIO, H:V
ROCK-LINED CHANNEL
GRASS-LINED SWALE
TREE REMOVAL
FLOWLINE
—c—c— CUT
—f—f— FILL
CHAIN LINK FENCE
METAL RAIL FENCE
WOOD RAIL FENCE

UTILITIES

CABLE TELEVISION	CHARTER COMMUNICATIONS, (775) 588-1077
NATURAL GAS	SOUTHWEST GAS, (530) 543-3225
ELECTRIC	LIBERTY ENERGY, (530) 541-6400
SEWER & WATER	SOUTH TAHOE PUD, (530) 544-6474
TELEPHONE	AT&T, (530) 888-2031
STORM DRAIN	EL DORADO COUNTY DOT, (530) 573-3180

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS
0 1 2

REVISION
NUMBER | DATE | DESCRIPTION | BY

REGISTERED PROFESSIONAL ENGINEER — RONALDO SICOSANA PALARCA — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

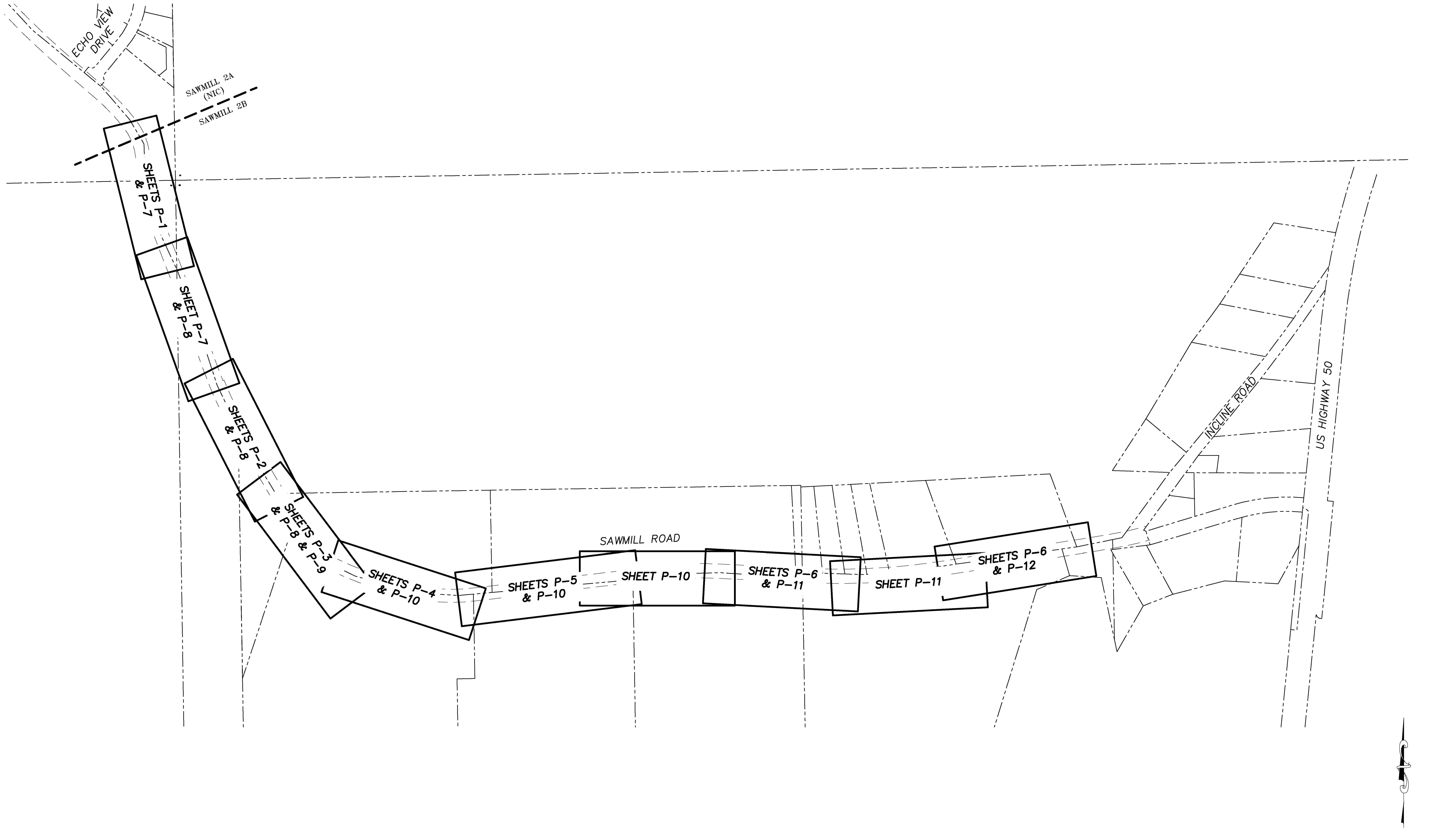
DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 05/2014
ROAD NUMBER: ---

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
GENERAL NOTES, ABBREVIATIONS, AND LEGEND

SHEET ii
2 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



SCALE: 1" = 200'

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

0 1 2

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
DONALDO SICOSANA PALAROAN
No. 66083
Exp. 06-30-16
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/28/2014
DATE:

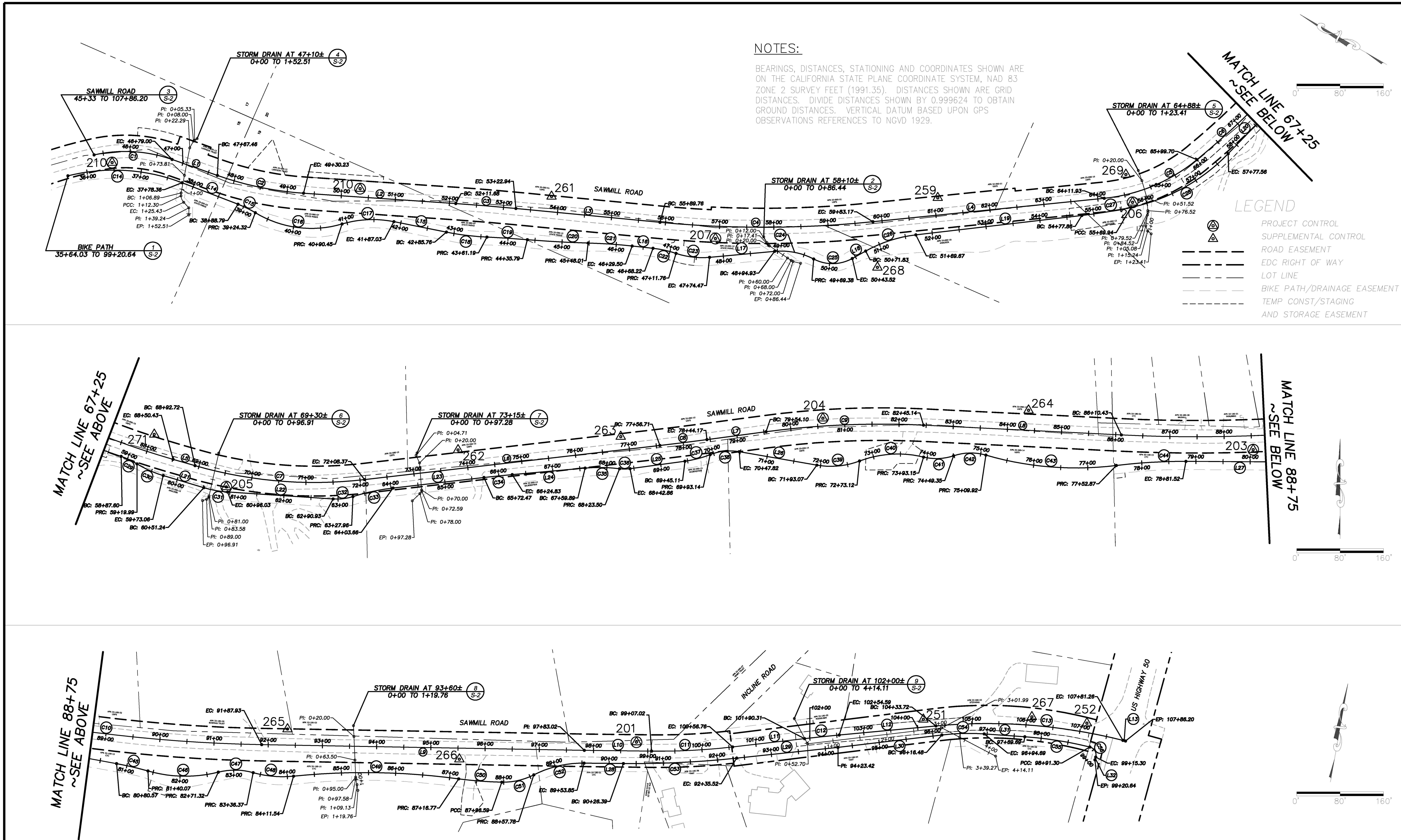
DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SHEET INDEX MAP

SHEET iii
3 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



NOTES:

BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2 SURVEY FEET (1991.35). DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.999624 TO OBTAIN GROUND DISTANCES. VERTICAL DATUM BASED UPON GPS OBSERVATIONS REFERENCES TO NGVD 1929.

LEGEND

- PROJECT CONTROL
- SUPPLEMENTAL CONTROL
- ROAD EASEMENT
- EDC RIGHT OF WAY
- LOT LINE
- BIKE PATH/DRAINAGE EASEMENT
- TEMP CONST/STAGING AND STORAGE EASEMENT

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY

PROFESSIONAL LAND SURVEYOR LOREN A. MASSARO No. LS 8117 License Expires 12-31-14 STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
Loren A Massaro
PROFESSIONAL LAND SURVEYOR
JUNE 03, 2014
DATE:

DESIGNED: KIS
DRAWN: KIS
CHECKED: LAM
DATE: 06/2014
ROAD NUMBER: ---

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SURVEY ALIGNMENTS AND CONTROL

SHEET SC-1
4 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
C14	35+64.03	37+78.36	CURVE RIGHT	214.32	350.00	----	35°05'07"	2088563.81	7124423.59	2088367.53	7124501.00
L14	37+78.36	38+88.79	LINE	110.44	----	S3°58'51"E	----	2088367.53	7124501.00	2088257.36	7124508.67
C15	38+88.79	39+24.32	CURVE RIGHT	35.53	200.00	----	10°10'41"	2088257.36	7124508.67	2088221.88	7124507.98
C16	39+24.32	40+90.45	CURVE LEFT	166.13	200.00	----	47°35'36"	2088221.88	7124507.98	2088068.04	7124556.78
C17	40+90.45	41+87.03	CURVE RIGHT	96.57	200.00	----	27°40'00"	2088068.04	7124556.78	2087983.26	7124601.03
L15	41+87.03	42+85.76	LINE	98.74	----	S13°43'47"E	----	2087983.26	7124601.03	2087887.34	7124624.47
C18	42+85.76	43+61.19	CURVE LEFT	75.43	500.00	----	8°38'37"	2087887.34	7124624.47	2087815.69	7124647.82
C19	43+61.19	44+35.79	CURVE RIGHT	74.60	2000.00	----	2°08'13"	2087815.69	7124647.82	2087746.20	7124674.92
C20	44+35.79	45+48.01	CURVE LEFT	112.22	2000.00	----	3°12'54"	2087746.20	7124674.92	2087642.05	7124716.67
C21	45+48.01	46+29.50	CURVE RIGHT	81.48	1000.00	----	4°40'07"	2087642.05	7124716.67	2087566.06	7124746.02
L16	46+29.50	46+68.22	LINE	38.72	----	S18°46'57"E	----	2087566.06	7124746.02	2087529.40	7124758.48
C22	46+68.22	47+11.76	CURVE RIGHT	43.55	200.00	----	12°28'33"	2087529.40	7124758.48	2087486.97	7124767.92
C23	47+11.76	47+74.47	CURVE LEFT	62.71	150.00	----	23°57'11"	2087486.97	7124767.92	2087427.86	7124787.45
L17	47+74.47	48+94.93	LINE	120.46	----	S30°15'35"E	----	2087427.86	7124787.45	2087323.82	7124848.15
C24	48+94.93	49+69.38	CURVE RIGHT	74.45	130.00	----	32°48'45"	2087323.82	7124848.15	2087252.52	7124865.74
C25	49+69.38	50+43.52	CURVE LEFT	74.14	75.00	----	56°38'31"	2087252.52	7124865.74	2087188.43	7124896.67
L18	50+43.52	50+71.83	LINE	28.31	----	S54°05'21"E	----	2087188.43	7124896.67	2087171.83	7124919.60
C26	50+71.83	51+69.67	CURVE RIGHT	97.84	250.00	----	22°25'20"	2087171.83	7124919.60	2087100.59	7124985.75
L19	51+69.67	54+77.86	LINE	308.19	----	S31°40'01"E	----	2087100.59	7124985.75	2086838.28	7125147.55
C27	54+77.86	55+69.94	CURVE LEFT	92.08	1000.00	----	5°16'32"	2086838.28	7125147.55	2086762.25	7125199.42
C28	55+69.94	57+77.56	CURVE LEFT	207.62	350.00	----	33°59'17"	2086762.25	7125199.42	2086641.81	7125364.81
L20	57+77.56	58+87.60	LINE	110.04	----	S70°55'50"E	----	2086641.81	7125364.81	2086605.86	7125468.81
C29	58+87.60	59+19.99	CURVE RIGHT	32.39	150.00	----	12°22'24"	2086605.86	7125468.81	2086592.07	7125498.05
C30	59+19.99	59+73.06	CURVE LEFT	53.06	205.00	----	14°49'52"	2086592.07	7125498.05	2086570.52	7125546.38
L21	59+73.06	60+51.24	LINE	78.18	----	S73°23'17"E	----	2086570.52	7125546.38	2086548.17	7125621.30
C31	60+51.24	60+96.03	CURVE LEFT	44.79	200.00	----	12°49'54"	2086548.17	7125621.30	2086540.26	7125665.29
L22	60+96.03	62+90.93	LINE	194.90	----	S86°13'11"E	----	2086540.26	7125665.29	2086527.41	7125859.77
C32	62+90.93	63+27.96	CURVE LEFT	37.03	100.00	----	21°12'58"	2086527.41	7125859.77	2086531.78	7125896.32
C33	63+27.96	64+03.66	CURVE RIGHT	75.70	400.00	----	10°50'34"	2086531.78	7125896.32	2086547.52	7125970.25
L23	64+03.66	65+72.47	LINE	168.82	----	N83°24'25"E	----	2086547.52	7125970.25	2086566.90	7126137.95
C34	65+72.47	66+24.83	CURVE RIGHT	52.36	2000.00	----	1°30'00"	2086566.90	7126137.95	2086572.23	7126190.04
L24	66+24.83	67+59.89	LINE	135.06	----	N84°54'25"E	----	2086572.23	7126190.04	2086584.22	7126324.56
C35	67+59.89	68+23.50	CURVE RIGHT	63.61	300.00	----	12°08'55"	2086584.22	7126324.56	2086583.13	7126388.04
C36	68+23.50	68+42.86	CURVE LEFT	19.36	75.00	----	14°47'21"	2086583.13	7126388.04	2086583.25	7126407.35
L25	68+42.86	69+45.11	LINE	102.25	----	N82°15'59"E	----	2086583.25	7126407.35	2086597.01	7126508.67
C37	69+45.11	69+93.14	CURVE LEFT	48.03	199.65	----	13°47'01"	2086597.01	7126508.67	2086609.10	7126555.03
C38	69+93.14	70+47.82	CURVE RIGHT	54.68	100.00	----	31°19'47"	2086609.10	7126555.03	2086614.58	7126608.76
L26	70+47.82	71+93.07	LINE	145.24	----	S80°09'47"E	----	2086614.58	7126608.76	2086589.77	7126751.87
C39	71+93.07	72+73.12	CURVE LEFT	80.05	150.00	----	30°34'41"	2086589.77	7126751.87	2086597.28	7126830.61
C40	72+73.12	73+93.15	CURVE RIGHT	120.03	200.00	----	34°23'09"	2086597.28	7126830.61	2086604.60	7126948.62
C41	73+93.15	74+49.35	CURVE LEFT	56.20	100.00	----	32°12'01"	2086604.60	7126948.62	2086606.98	7127004.04
C42	74+49.35	75+09.92	CURVE RIGHT	60.57	100.00	----	34°42'24"	2086606.98	7127004.04	2086608.23	7127063.68
C43	75+09.92	77+52.87	CURVE LEFT	242.94	600.00	----	23°11'58"	2086608.23	7127063.68	2086589.08	7127304.20
C44	77+52.87	78+81.52	CURVE RIGHT	128.65	1000.00	----	7°22'17"	2086589.08	7127304.20	2086596.62	7127432.55
L27	78+81.52	80+80.57	LINE	199.05	----	S89°40'37"E	----	2086596.62	7127432.55	2086595.50	7127631.59
C45	80+80.57	81+40.07	CURVE RIGHT	59.50	600.00	----	5°40'54"	2086595.50	7127631.59	2086592.22	7127690.98
C46	81+40.07	82+71.32	CURVE LEFT	131.25	250.00	----	30°04'45"	2086592.22	7127690.98	2086612.59	7127819.11
C47	82+71.32	83+36.37	CURVE RIGHT	65.06	125.00	----	29°49'10"	2086612.59	7127819.11	2086622.84	7127882.61
C48	83+36.37	84+11.54	CURVE LEFT	75.17	200.00	----	21°32'08"	2086622.84	7127882.61	2086629.38	7127957.06
C49	84+11.54	87+16.77	CURVE RIGHT	305.23	1300.00	----	13°27'09"	2086629.38	7127957.06	2086677.36	7128257.78
C50	87+16.77	87+96.59	CURVE LEFT	79.82	700.00	----	6°32'00"	2086677.36	7128257.78	2086685.15	7128337.18
C51	87+96.59	88+57.78	CURVE LEFT	61.18	125.00	----	28°02'36"	2086685.15	7128337.18	2086708.71	7128392.98
C52	88+57.78	89+53.85	CURVE RIGHT	96.07	200.00	----	27°31'20"	2086708.71	7128392.98	2086746.13	7128480.47
L28	89+53.85	90+26.39	LINE	72.54	----	N80°36'27"E	----	2086746.13	7128480.47	2086757.96	7128552.04
C53	90+26.39	92+35.52	CURVE LEFT	209.13	1800.00	----	6°39'25"	2086757.96	7128552.04	2086803.99	7128755.92
L29	92+35.52	94+23.42	LINE	187.89	----	N73°57'02"E	----	2086803.99	7128755.92	2086855.94	7128936.49
L30	94+23.42	96+16.48	LINE	193.06	----	N73°11'10"E	----	2086855.94	7128936.49	2086911.78	7129121.30
C54	96+16.48	96+94.69	CURVE RIGHT	78.21	415.00	----	10°47'52"	2086911.78	7129121.30	2086927.24	7129197.85
L31	96+94.69	97+69.69	LINE	75.00	----	N83°59'02"E	----	2086927.24	7129197.85	2086935.10	7129272.44
C55	97+69.69	98+91.30	CURVE RIGHT	121.61	700.00	----	9°57'14"	2086935.10	7129272.44	2086937.30	7129393.87
C56	98+91.30	99+15.30	CURVE RIGHT	24.00	15.00	----	91°40'08"	2086937.30	7129393.87	2086920.87	7129407.77
L32	99+15.30	99+20.64	LINE	5.34	----	S5°36'23"W	----	2086920.87	7129407.77	2086915.56	7129407.25

BIKE PATH ALIGNMENT
35+64.03 TO 99+20.64 — 1 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+12	12.00	----	S36°01'10"W	----	2087353.22	7124863.83	2087343.51	7124856.77
LINE	0+12	0+17.41	5.42	----	S36°01'10"W	----	2087343.51	7124856.77	2087339.13	7124853.59
LINE	0+17.41	0+20	2.58	----	S8°40'35"W	----	2087339.13	7124853.59	2087336.58	7124853.20
LINE	0+20	0+60	40.00	----	S8°40'35"W	----	2087336.58	7124853.20	2087297.04	7124847.16
LINE	0+60	0+68	8.00	----	S8°40'35"W	----	2087297.04	7124847.16	2087289.13	7124845.96
LINE	0+68	0+72	4.00	----	S6°57'33"W	----	2087289.13	7124845.96	2087285.16	7124845.47
LINE	0+72	0+86.44	14.44	----	S11°57'34"E	----	2087285.16	7124845.47	2087271.03	7124848.46

STORM DRAIN AT 58+10± ALIGNMENT
0+00 TO 0+86.44 — 2 / S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
C1	45+33	46+79	CURVE RIGHT	146.00	260.00	----	32°10'26"	2088536.31	7124478.95	2088402.39	7124532.12
L1	46+79	47+67.46	LINE	88.45	----	S5°34'08"E	----	2088402.39	7124532.12	2088314.35	7124540.71
C2	47+67.46	49+30.23	CURVE LEFT	162.77	600.00	----	15°32'38"	2088314.35	7124540.71	2088156.46	7124578.15
L2	49+30.23	52+11.68	LINE	281.45	----	S21°06'46"E	----	2088156.46	7124578.15	2087893.90	7124679.53
C3	52+11.68	53+22.94	CURVE RIGHT	111.26	4000.00	----	1°35'37"	2087893.90	7124679.53	2087789.57	7124718.16
L3	53+22.94	55+89.76	LINE	266.82	----	S19°31'08"E	----	2087789.57	7124718.16	2087538.08	7124807.31
C4	55+89.76	59+83.17	CURVE LEFT	393.40	2000.00	----	11°16'13"	2087538.08	7124807.31	2087182.55	7124974.26
L4	59+83.17	64+11.93	LINE	428.77	----	S30°47'21"E	----	2087182.55	7124974.26	2086814.22	7125193.73
C5	64+11.93	65+99.70	CURVE LEFT	187.77	320.00	----	33°37'12"	2086814.22	7125193.73	2086689.41	7125330.41
C6	65+99.70	68+50.43	CURVE LEFT	250.73	1500.00	----	9°34'37"	2086689.41	7125330.41	2086600.47	7125564.52
L5	68+50.43	68+92.72	LINE	42.29	----	S73°59'10"E	----	2086600.47	7125564.52	2086588.80	7125605.17
C7	68+92.72	72+08.37	CURVE LEFT	315.65	800.00	----	22°36'25"	2086588.80	7125605.17	2086563.05	7125917.72
L6	72+08.37	77+56.71	LINE	548.34	----	N83°24'25"E	----	2086563.05	7125917.72	2086626.01	7126462.44
C8	77+56.71	78+44.17	CURVE LEFT	87.46	5000.00	----	1°00'08"	2086626.01	7126462.44	2086636.81	7126549.22
L7	78+44.17	79+54.10	LINE	109.93	----	N82°24'17"E	----	2086636.81	7126549.22	2086651.34	7126658.19
C9	79+54.10	82+45.14	CURVE RIGHT	291.04	1600.00	----	10°25'19"	2086651.34	7126658.19	2086663.43	7126948.58
L8	82+45.14	86+10.43	LINE	365.29	----	S87°10'24"E	----	2086663.43	7126948.58	2086645.42	7127313.42
C10	86+10.43	91+87.93	CURVE LEFT	577.50	2800.00	----	11°49'02"	2086645.42	7127313.42	2086676.41	7127889.07
L9	91+87.93	97+83.02	LINE	595.08	----	N81°00'34"E	----	2086676.41	7127889.07	2086769.41	7128476.84
L10	97+83.02	99+07.02	LINE	124.01	----	N80°41'12"E	----	2086769.41	7128476.84	2086789.48	7128599.21
C11	99+07.02	100+56.76	CURVE LEFT	149.74	1180.00	----	7°16'15"	2086789.48	7128599.21	2086823.01	7128745.04
L11	100+56.76	101+90.31	LINE	133.54	----	N73°24'57"E	----	2086823.01	7128745.04	2086861.13	7128873.03
C12	101+90.31	102+54.59	CURVE RIGHT	64.28	3000.00	----	1°13'40"	2086861.13	7128873.03	2086878.81	7128934.84
L12	102+54.59	104+33.72	LINE	179.13	----	N74°38'37"E	----	2086878.81	7128934.84	2086926.25	7129107.57
C13	104+33.72	107+81.26	CURVE RIGHT	347.54	1020.00	----	19°31'20"	2086926.25	7129107.57	2086959.97	7129451.78
L13	107+81.26	107+86.20	LINE	4.94	----	S85°50'03"E	----	2086959.97	7129451.78	2086959.61	7129456.71

SAWMILL ROAD ALIGNMENT
45+33 TO 107+86.20 — 3 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+05.33	5.33	----	N57°02'43"W	----	2088376.93	7124586.36	2088379.83	7124581.89
LINE	0+05.33	0+08	2.67	----	N66°03'16"W	----	2088379.83	7124581.89	2088380.91	7124579.45
LINE	0+08	0+22.29	14.29	----	N85°40'56"W	----	2088380.91	7124579.45	2088381.99	7124565.20
LINE	0+22.29	0+73.81	51.52	----	S75°49'44"W	----	2088381.99	7124565.20	2088369.37	7124515.25
LINE	0+73.81	1+06.89	33.08	----	S75°49'44"W	----	2088369.37	7124515.25	2088361.28	7124483.18
CURVE LEFT	1+06.89	1+12.30	5.42	20.00	----	15°31'04"	2088361.28	7124483.18	2088359.26	7124478.17
CURVE LEFT	1+12.30	1+25.43	13.13	20.00	----	37°36'31"	2088359.26	7124478.17	2088349.60	7124469.63
LINE	1+25.43	1+39.24	13.81	----	S22°42'09"W	----	2088349.60	7124469.63	2088336.87	7124464.30
LINE	1+39.24	1+52.51	13.27	----	S64°57'18"W	----	2088336.87	7124464.30	2088331.25	7124452.27

STORM DRAIN AT 47+10± ALIGNMENT
0+00 TO 1+52.51 — 4 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+20	20.00	----	S45°24'14"W	----	2086778.97	7125266.76	2086764.93	7125252.52
LINE	0+20	0+51.52	31.52	----	S48°54'43"W	----	2086764.93	7125252.52	2086744.21	7125228.76
LINE	0+51.52	0+76.52	25.00	----	S60°09'43"W	----	2086744.21	7125228.76	2086731.78	7125207.07
LINE	0+76.52	0+79.52	3.00	----	S60°09'43"W	----	2086731.78	7125207.07	2086730.28	7125204.47
LINE	0+79.52	0+84.52	5.00	----	S74°18'11"W	----	2086730.28	7125204.47	2086728.93	7125199.66
LINE	0+84.52	1+05.08	20.56	----	S74°18'00"W	----	2086728.93	7125199.66	2086723.37	7125179.86
LINE	1+05.08	1+15.24	10.16	----	S43°39'59"W	----	2086723.37	7125179.86	2086716.02	7125172.85
LINE	1+15.24	1+23.41	8.16	----	S14°08'31"W	----	2086716.02	7125172.85	2086708.10	7125170.85

STORM DRAIN AT 64+88± ALIGNMENT
0+00 TO 1+23.41 — 5 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+81	81.00	----	S12°41'57"W	----	2086612.00	7125648.78	2086532.98	7125630.97
LINE	0+81	0+83.58	2.58	----	S12°41'57"W	----	2086532.98	7125630.97	2086530.46	7125630.40
LINE	0+83.58	0+89	5.42	----	S46°41'57"W	----	2086530.46	7125630.40	2086526.74	7125626.46
LINE	0+89	0+96.91	7.91	----	S73°05'30"W	----	2086526.74	7125626.46	2086524.44	7125618.90

STORM DRAIN AT 69+30± ALIGNMENT
0+00 TO 0+96.91 — 6 / S-2

NOTES:

BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2 SURVEY FEET (1991.35). DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.999624 TO OBTAIN GROUND DISTANCES. VERTICAL DATUM BASED UPON GPS OBSERVATIONS REFERENCES TO NGVD 1929.

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+04.71	4.71	----	S22°00'19"W	----	2086612.19	7126014.56	2086607.82	7126012.79
LINE	0+04.71	0+20	15.29	----	S24°25'41"E	----	2086607.82	7126012.79	2086593.90	7126019.12
LINE	0+20	0+70	50.00	----	S4°25'38"E	----	2086593.90	7126019.12	2086544.05	7126022.98
LINE	0+70	0+72.59	2.58	----	S4°25'38"E	----	2086544.05	7126022.98	2086541.47	7126023.18
LINE	0+72.59	0+78	5.42	----	S38°34'22"W	----	2086541.47	7126023.18	2086537.24	7126019.80
LINE	0+78	0+97.28	19.28	----	S46°27'53"W	----	2086537.24	7126019.80	2086523.96	7126005.82

STORM DRAIN AT 73+15± ALIGNMENT
0+00 TO 0+97.28 — 7 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+20	20.00	----	S12°37'49"E	----	2086740.26	7128049.66	2086720.74	7128054.04
LINE	0+20	0+63.50	43.50	----	S12°25'45"E	----	2086720.74	7128054.04	2086678.26	7128063.40
LINE	0+63.50	0+95	31.50	----	S12°25'45"E	----	2086678.26	7128063.40	2086647.50	7128070.18
LINE	0+95	0+97.58	2.58	----	S12°28'32"E	----	2086647.50	7128070.18	2086644.97	7128070.74
LINE	0+97.58	1+09.13	11.54	----	S21°45'01"E	----	2086644.97	7128070.74	2086634.25	7128075.02
LINE	1+09.13	1+19.76	10.63	----	S18°59'12"E	----	2086634.25	7128075.02	2086624.20	7128078.48

STORM DRAIN AT 93+60± ALIGNMENT
0+00 TO 1+19.76 — 8 / S-2

DESCRIPTION	BEG STATION	END STATION	LENGTH	RADIUS	BEARING	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
LINE	0+00	0+52.70	52.70	----	S37°38'29"E	----	2086894.36	7128848.00	2086852.63	7128880.18
LINE	0+52.70	3+01.99	249.30	----	N73°11'10"E	----	2086852.63	7128880.18	2086924.74	7129118.82
LINE	3+01.99	3+39.27	37.28	----	S72°15'27"E	----	2086924.74	7129118.82	2086913.38	7129154.32
LINE	3+39.27	4+14.11	74.84	----	S72°15'27"E	----	2086913.38	7129154.32	2086890.58	7129225.60

STORM DRAIN AT 102+00± ALIGNMENT
0+00 TO 4+14.11 — 9 / S-2

CONTROL TABLE

CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
201	2086800.9490	7128568.90	6277.72	SPIKE
203	2086618.2240	7127556.57	6283.48	SPIKE
204	2086676.2160	7126763.01	6288.23	SPIKE
205	2086549.6260	7125662.72	6283.93	SPIKE
206	2086763.7320	7125209.05	6285.75	SPIKE
207	2087432.7460	7124823.46	6292.93	SPIKE
208	2088500.3170	7124480.22	6303.22	SPIKE
210	2088065.5150	7124629.84	6299.63	SPIKE
251	2086934.2830	7129082.64	6271.46	SPIKE
252	2086979.6620	7129380.85	6271.83	SPIKE
259	2087092.8731	7125064.85	6291.65	SPIKE
261	2087739.4086	7124766.03	6295.42	SPIKE
262	2086617.7427	7126090.17	6289.93	SPIKE
263	2086642.3101	7126390.20	6290.05	SPIKE
264	2086690.8178	7127142.25	6292.72	SPIKE
265	2086713.0432	7127930.98	6282.82	SPIKE
266	2086713.2606	7128252.68	6279.69	SPIKE
267	2086973.4930	7129278.95	6272.43	SPIKE
268	2087139.5201	7124901.56	6286.22	SPIKE
269	2086796.6279	7125250.34	6290.41	SPIKE
271	2086646.3927	7125529.92	6287.93	SPIKE

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

0 1 2

NUMBER	DATE	DESCRIPTION	BY

REVISION

PROFESSIONAL LAND SURVEYOR LOREN A. MASSARO No. LS 8117 License Expires 12-31-14 STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
Lor A Massaro
PROFESSIONAL LAND SURVEYOR
JUNE 03, 2014
DATE:

DESIGNED: KIS
DRAWN: KIS
CHECKED: LAM
DATE: 06/2014
ROAD NUMBER: ---

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

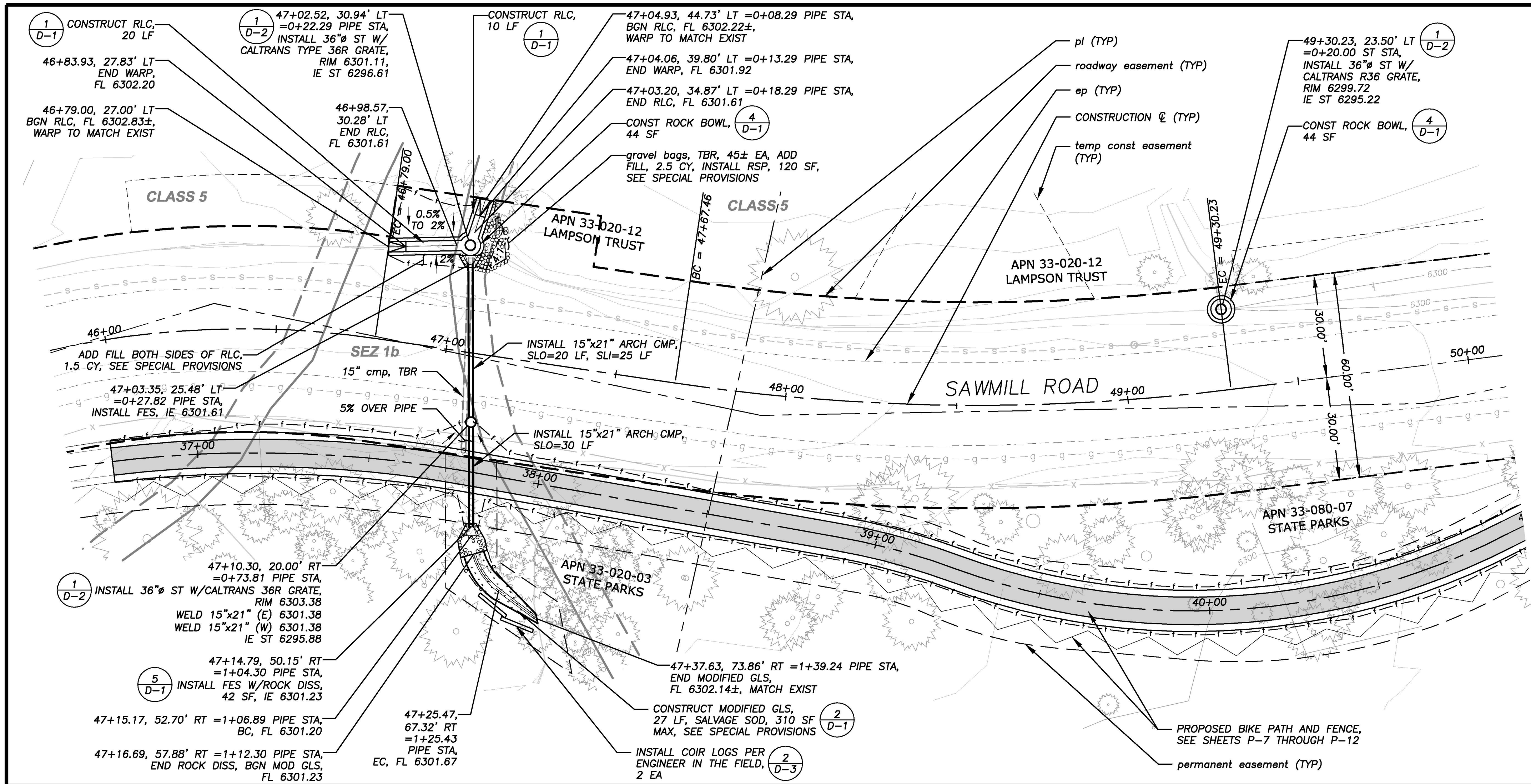
SAWMILL 2B BIKE PATH AND ECP
SURVEY ALIGNMENTS AND
CONTROL LISTING

SHEET SC-2
5 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

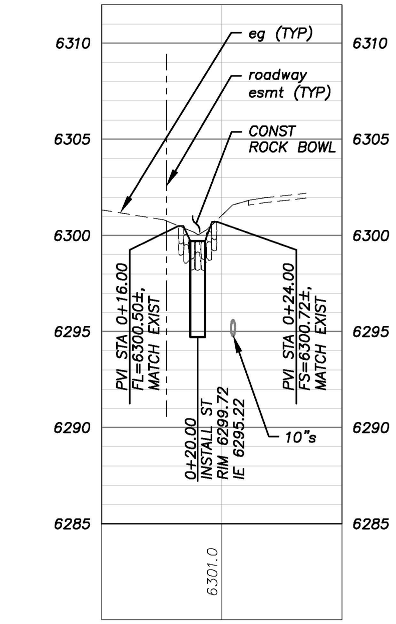
NOTE:
THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

!! WARNING !!

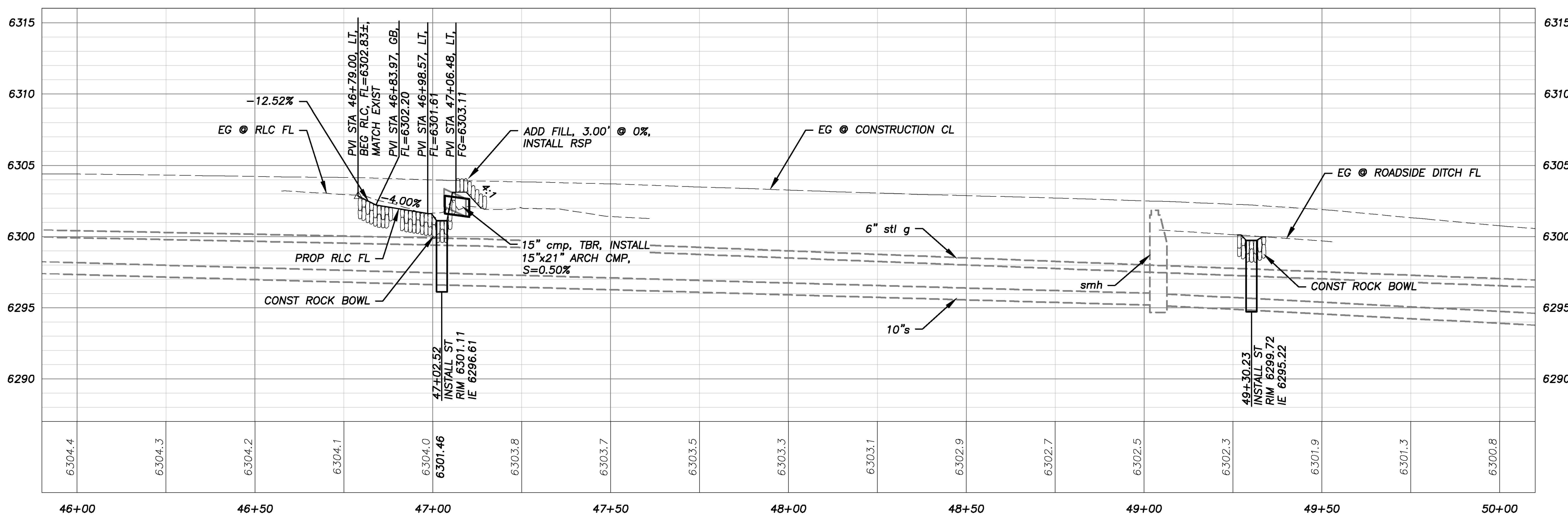
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

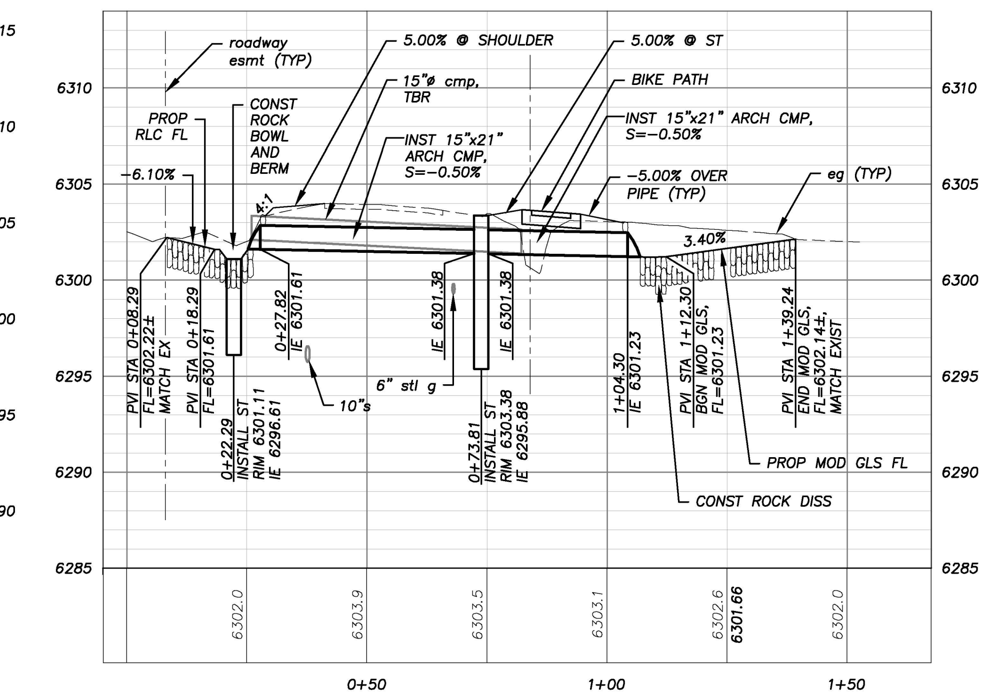


PLAN & PROFILE
SCALE: HORIZ 1"= 20' VERT 1"= 5'



SEDIMENT TRAP PERPENDICULAR TO ROAD @ STA 47+30± LT





15"x21" ARCH CMP @ STA 47+10±

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER ROLANDO SICOSANA PALABRICA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER:	---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
STA 45+90.00 TO STA 50+00.00

SHEET P-1
6 OF 44
CONTRACT NO. PW 11-30593
CIP NO. 95192

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS
0 1 2

Drawing name: \\CDAdata5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\5 SAW2B_P-1.dwg

!! 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:
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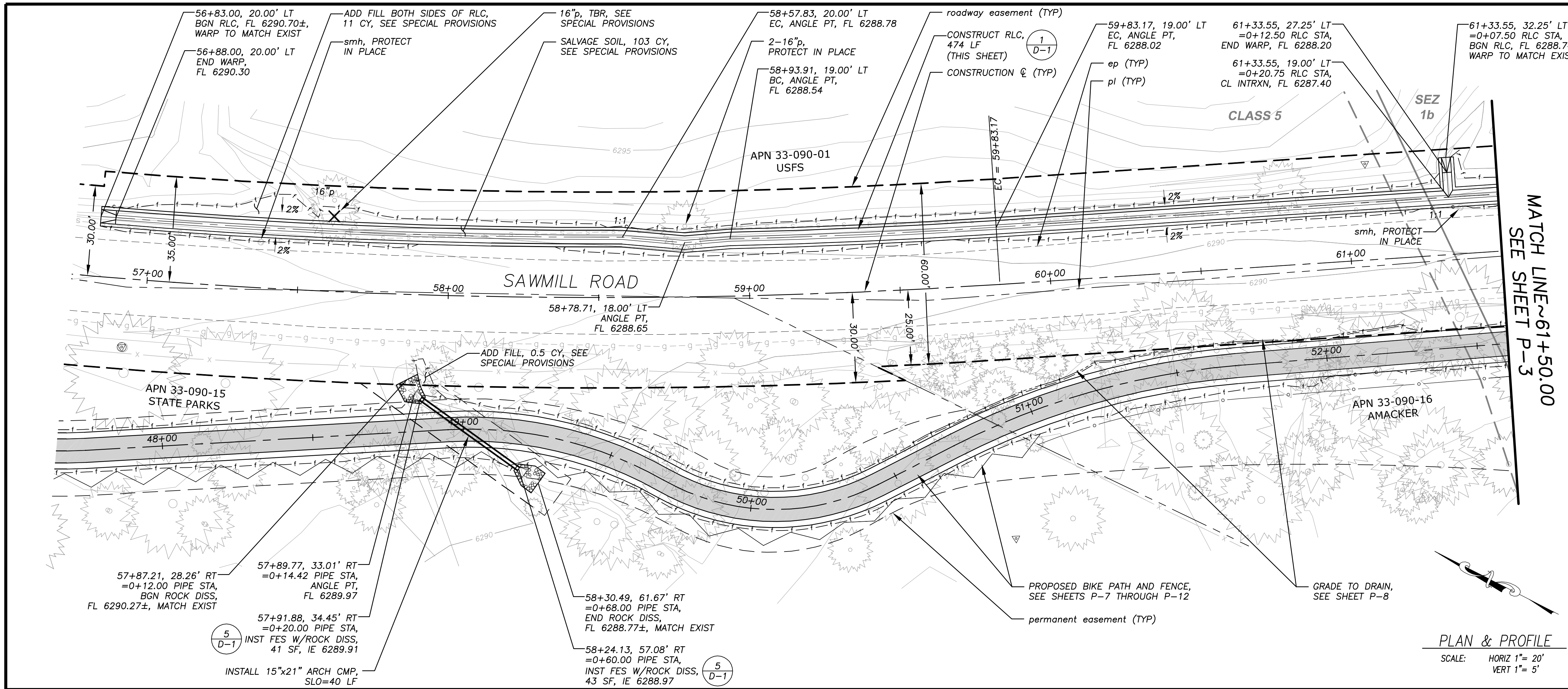
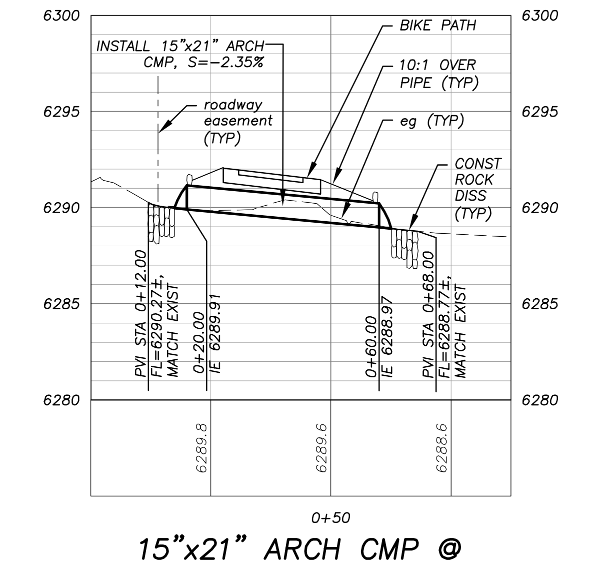
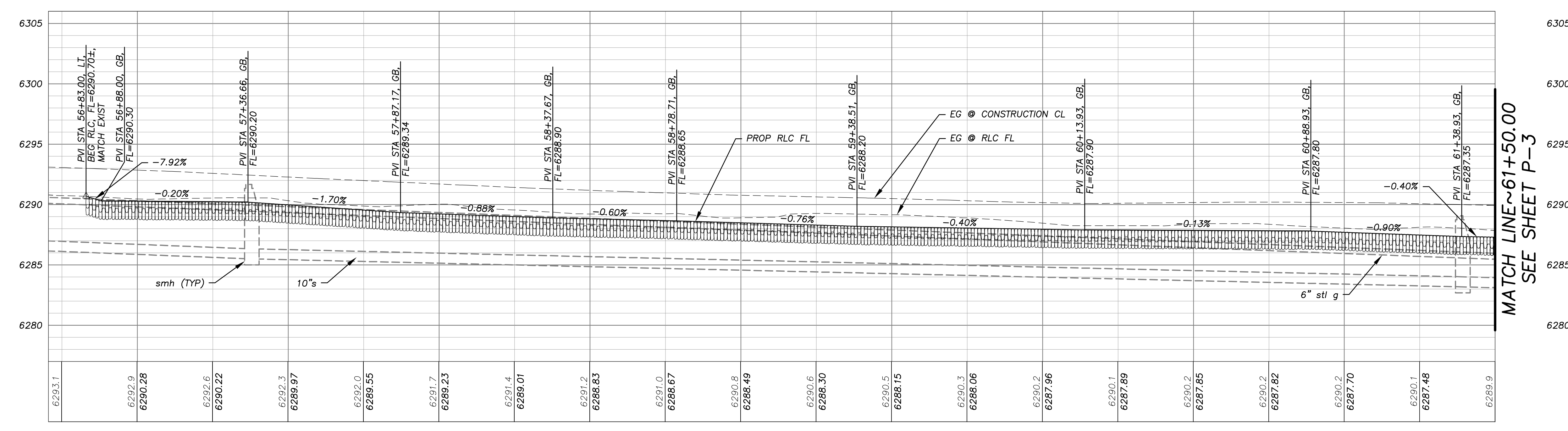
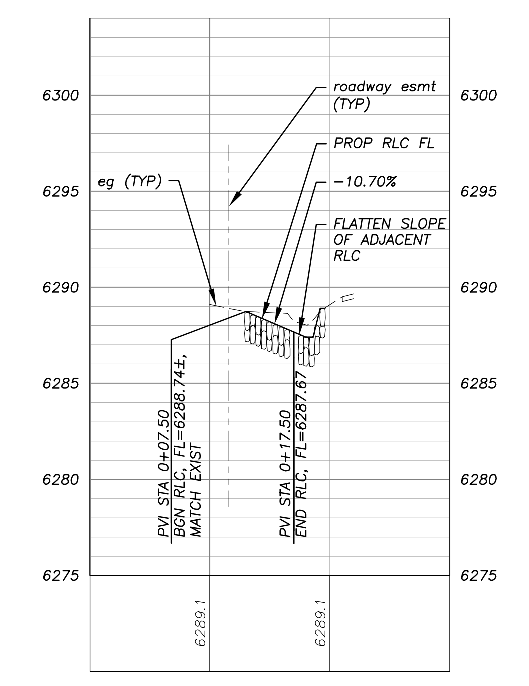




15"x21" ARCH CMP @ STA 58+10± RT





RLC @ STA 61+33.55 LT

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
No. 66083
Exp. 06-30-16
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
05/28/2014
DATE:

DESIGNED:	DRAWN:
ALD	ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE

STA 56+75.00 TO STA 61+50.00

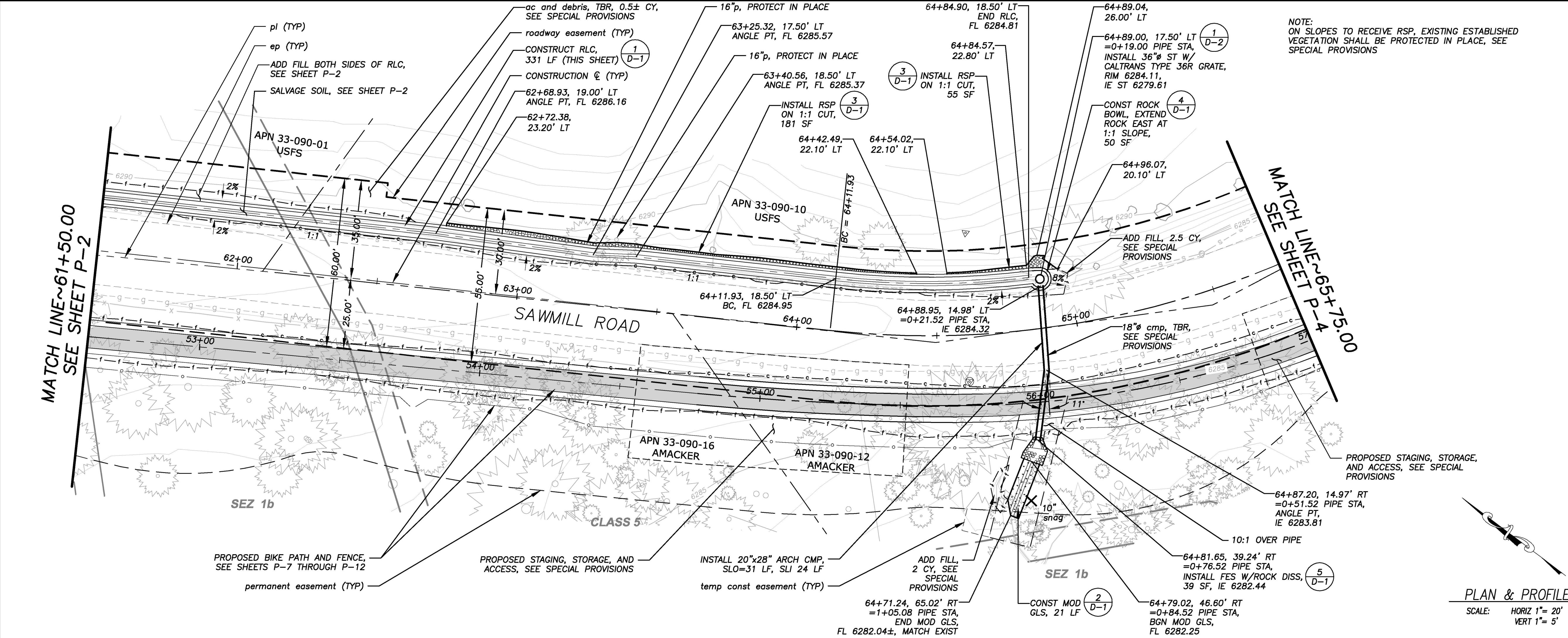
SHEET P-2
7 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

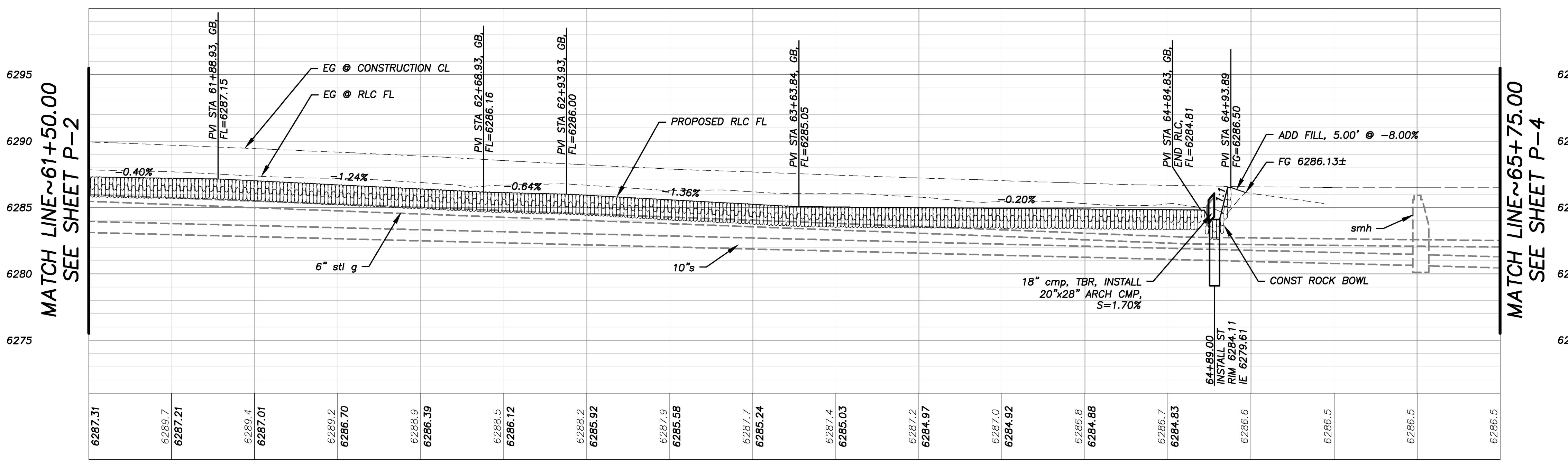
NOTE:
ON SLOPES TO RECEIVE RSP, EXISTING ESTABLISHED VEGETATION SHALL BE PROTECTED IN PLACE, SEE SPECIAL PROVISIONS

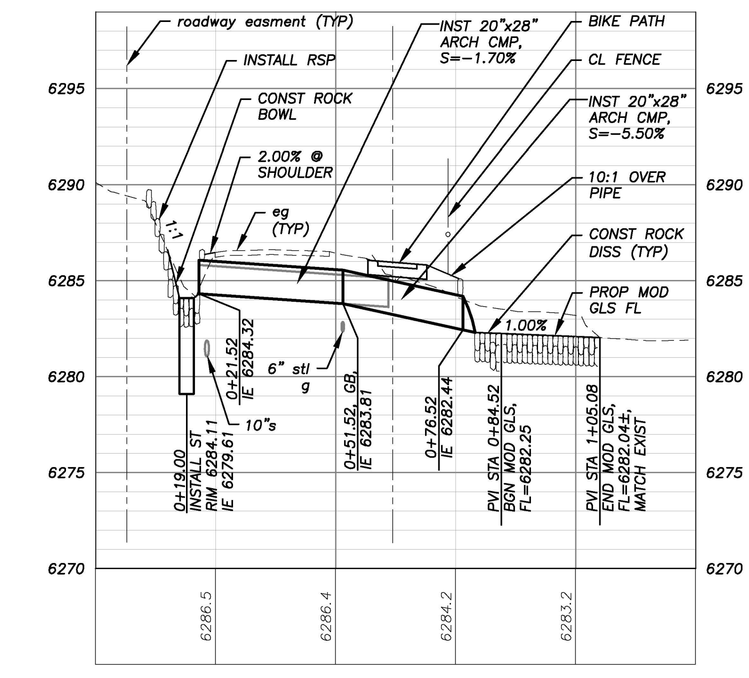
!! WARNING !!

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. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.







15"x21" ARCH CMP @ STA 64+88±

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — No. 66083 Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

DESIGNED:	DRAWN:
ALD	ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
STA 61+50.00 TO STA 65+75.00

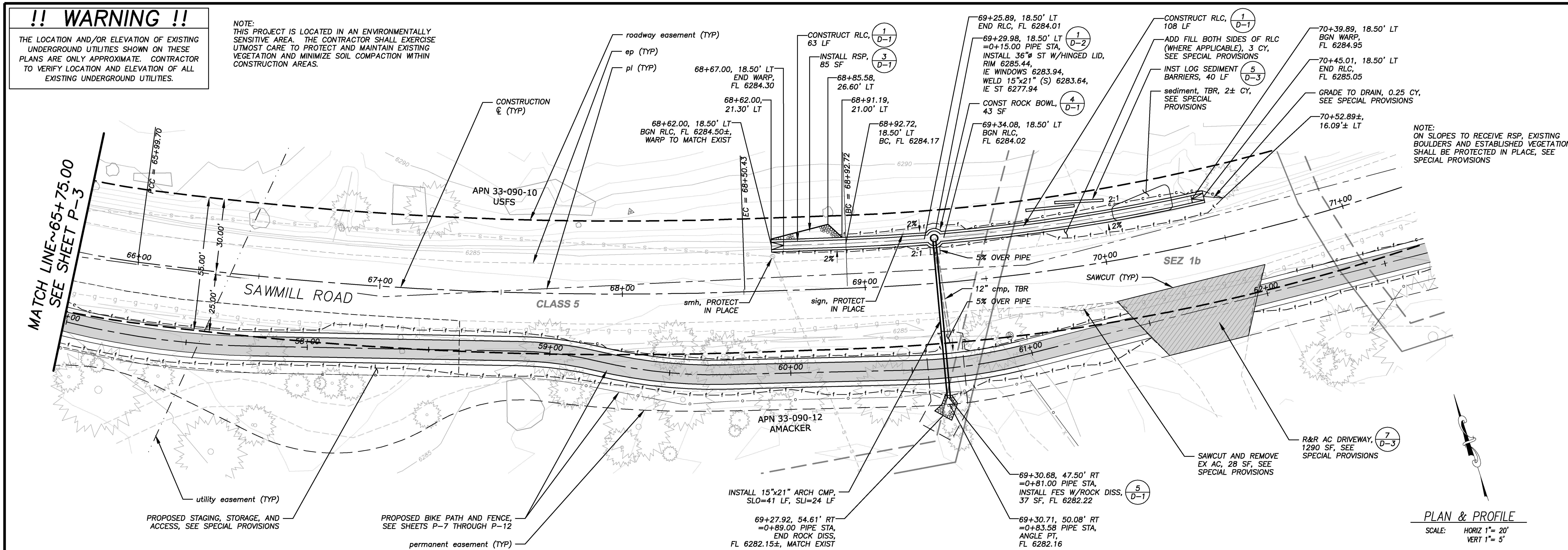
SHEET P-3, 8 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

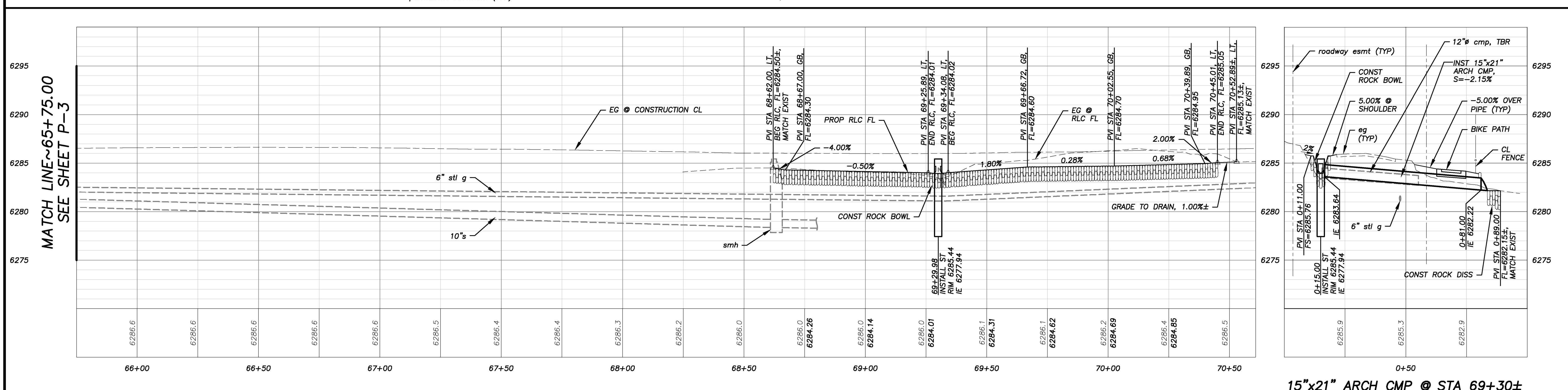
!! WARNING !!

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. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

NOTE:
ON SLOPES TO RECEIVE RSP, EXISTING BOULDERS AND ESTABLISHED VEGETATION SHALL BE PROTECTED IN PLACE, SEE SPECIAL PROVISIONS





15"x21" ARCH CMP @ STA 69+30±

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — DONALD SICOSANA PALAROAN — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP SAWMILL ROAD PLAN AND PROFILE

STA 65+75.00 TO STA 71+25.00

SHEET P-4
9 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

Drawing name: \\CDAData5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\8 SAW2B_P-4.dwg

!! WARNING !!

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NOTE:
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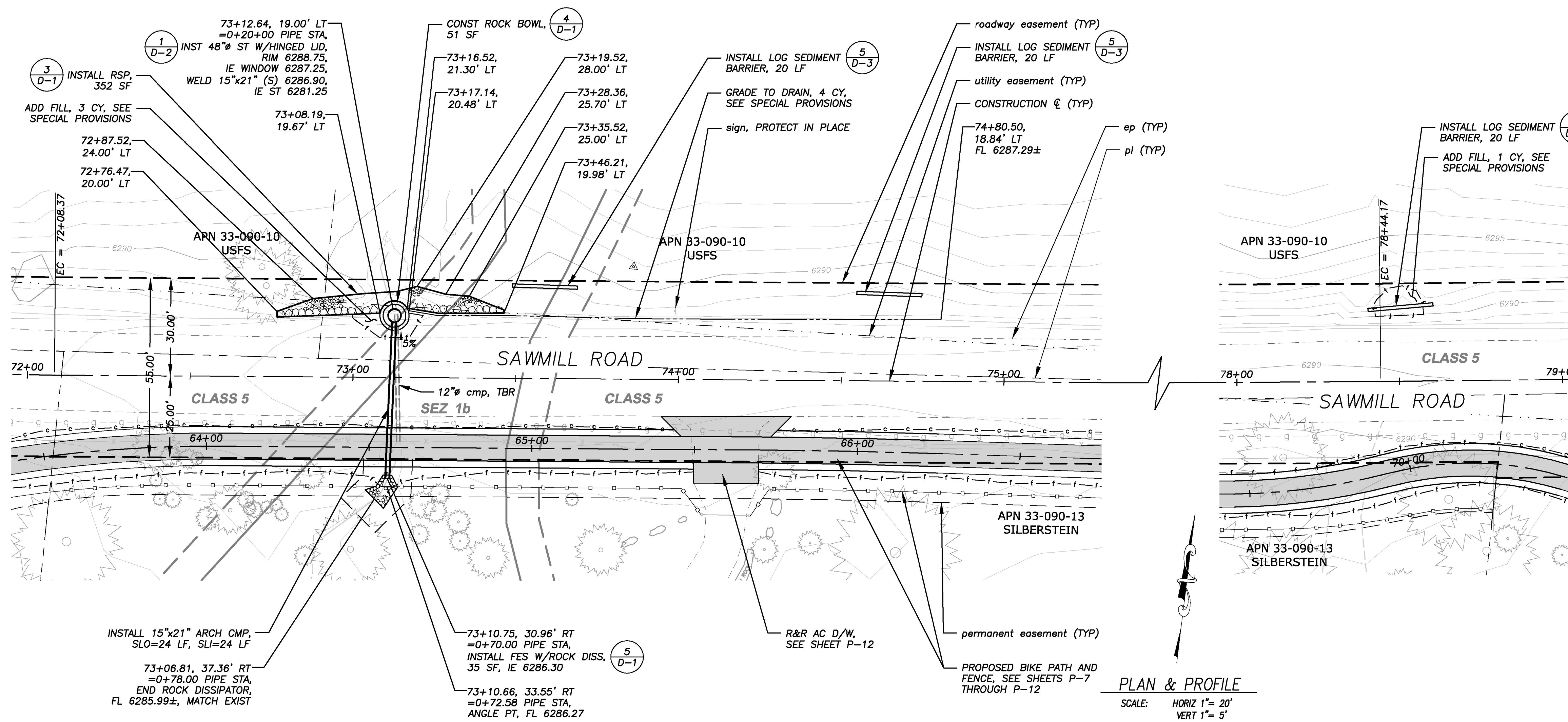
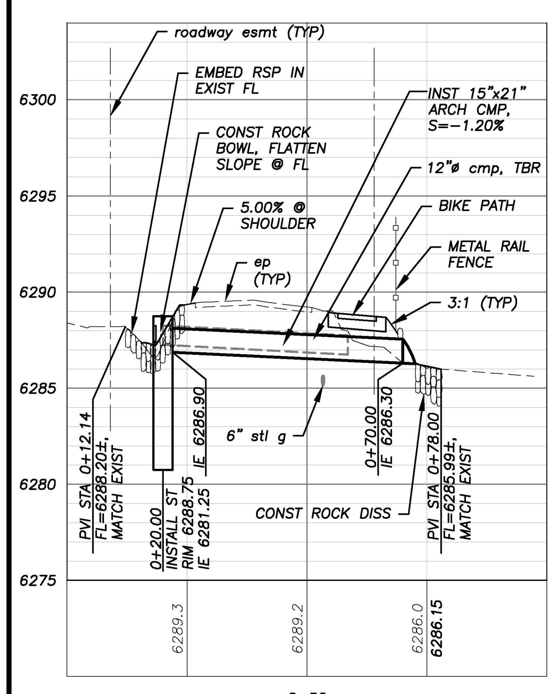
NOTE:
ON SLOPES TO RECEIVE RSP, PROTECT EXISTING ESTABLISHED VEGETATION IN PLACE, SEE SPECIAL PROVISIONS.

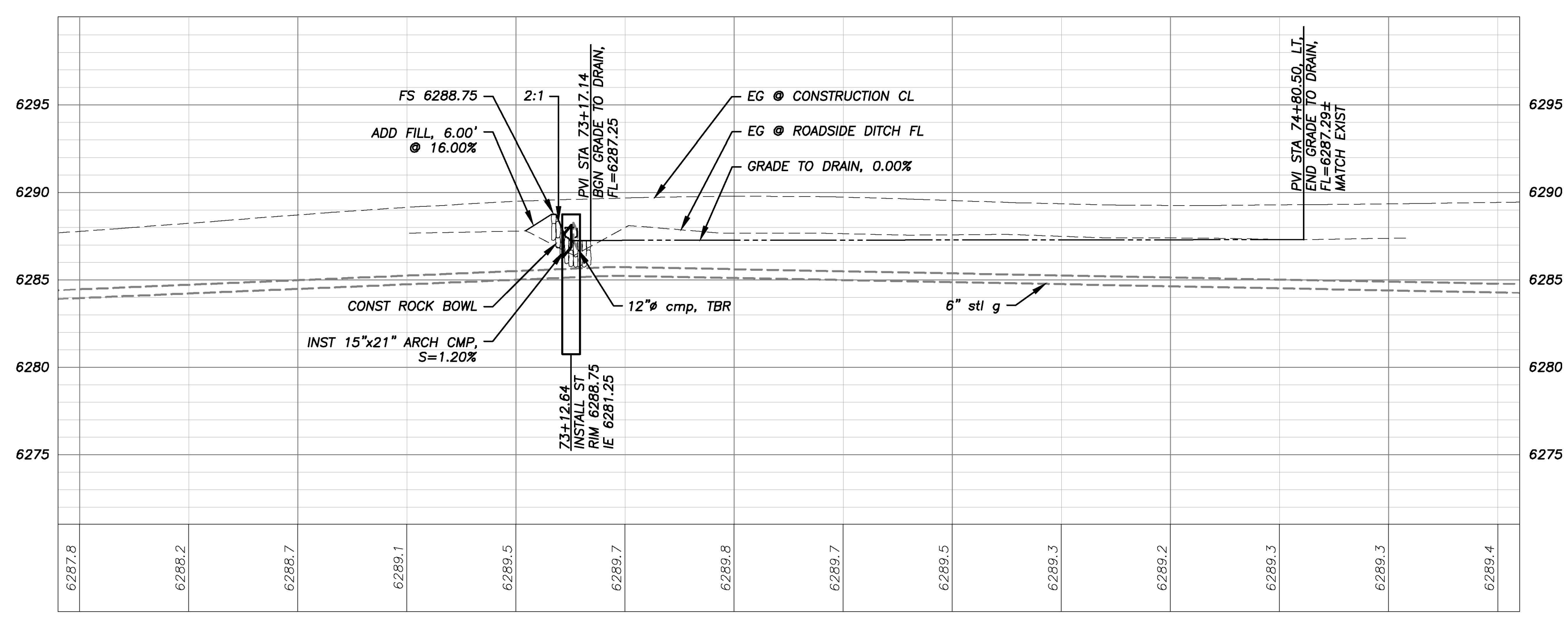


PLAN & PROFILE

SCALE: HORIZ 1"= 20' VERT 1"= 5'



15"x21" ARCH CMP @ STA 73+15±



REVISION NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER · DONALDO SICOSANA PALARMAN · No. 66083 · Exp. 06-30-16 · CIVIL · STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: 05/28/2014

DESIGNED: ALD · DRAWN: ALD · CHECKED: DSP · DATE: 05/2014 · ROAD NUMBER: ---

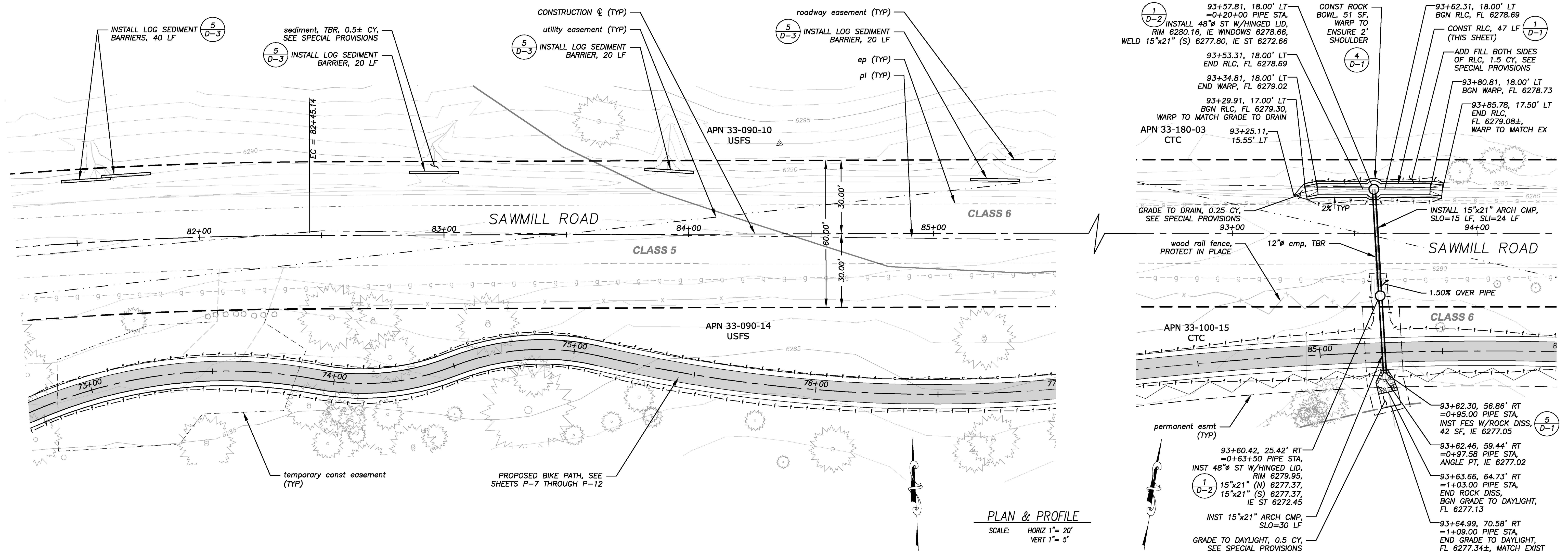
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE

STA 72+00.00 TO STA 79+00.00

SHEET P-5 · 10 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2



PLAN & PROFILE

SCALE: HORIZ 1"= 20'
VERT 1"= 5'

!! WARNING !!

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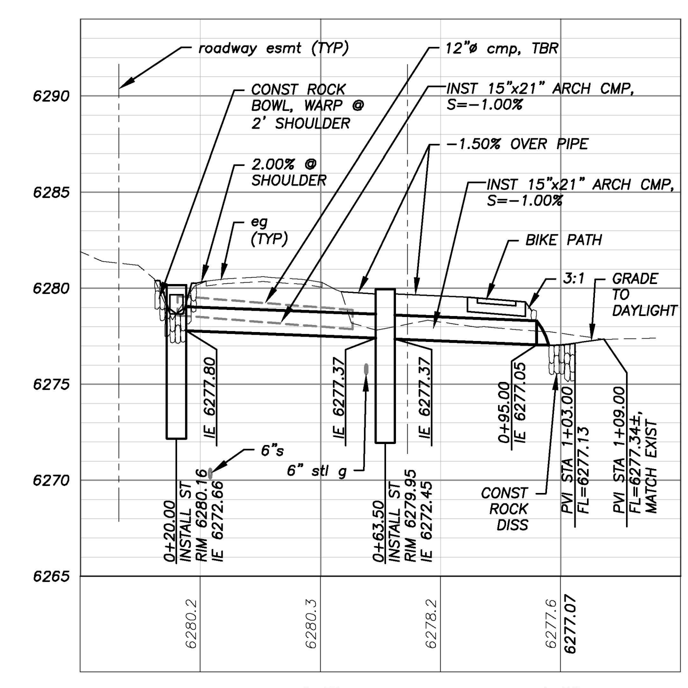
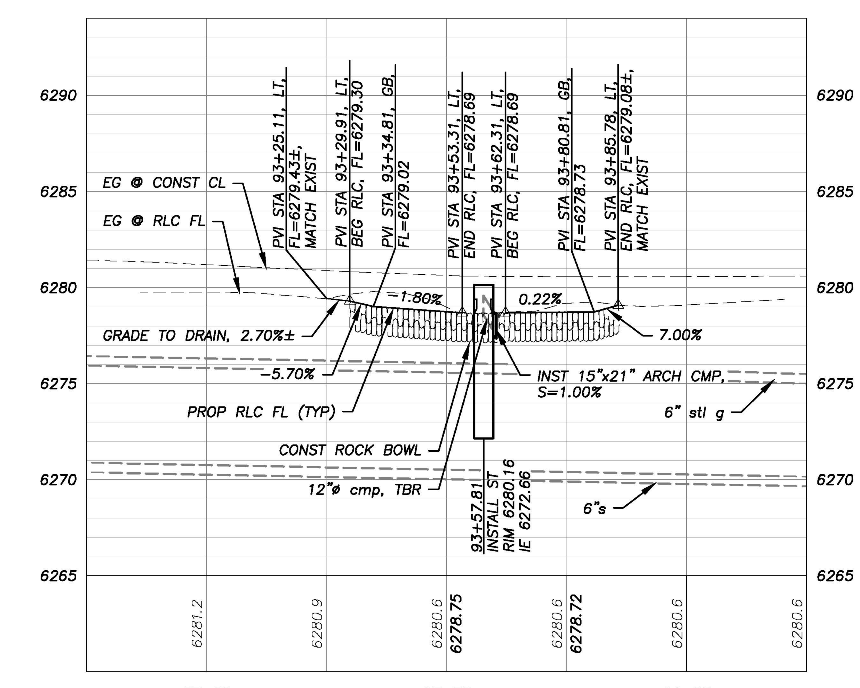


15"x21" ARCH CMP @ STA 93+60±



RLC NEAR STA 93+60±

REVISION NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — DONALDO SICOSANA PALARAN — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

DESIGNED: ALD — DRAWN: ALD
CHECKED: DSP — DATE: 05/2014
ROAD NUMBER: ---

EL DORADO COUNTY CALIFORNIA

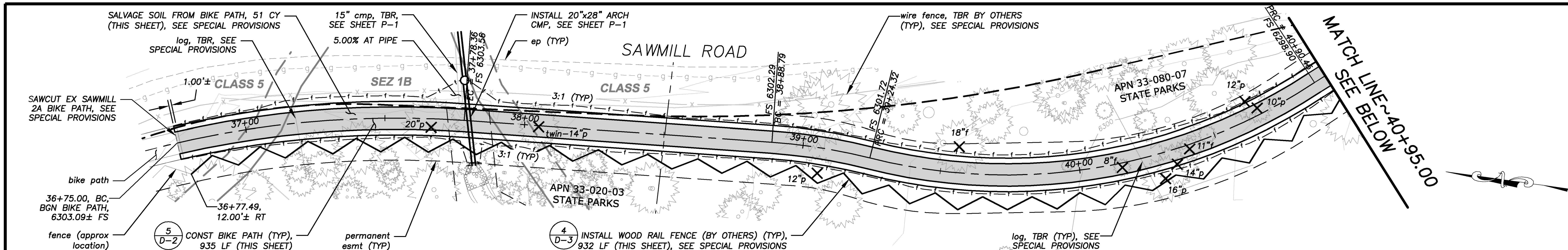
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
STA 81+25.00 TO STA 94+25.00

SHEET P-6
11 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

Drawing name: \\CDAData\\TD-SLT-Engineering\\CIVIL 3D PROJECTS\\95192\\Engineering\\MPLAN\\10 SAW2B_P-6.dwg



!! WARNING !!

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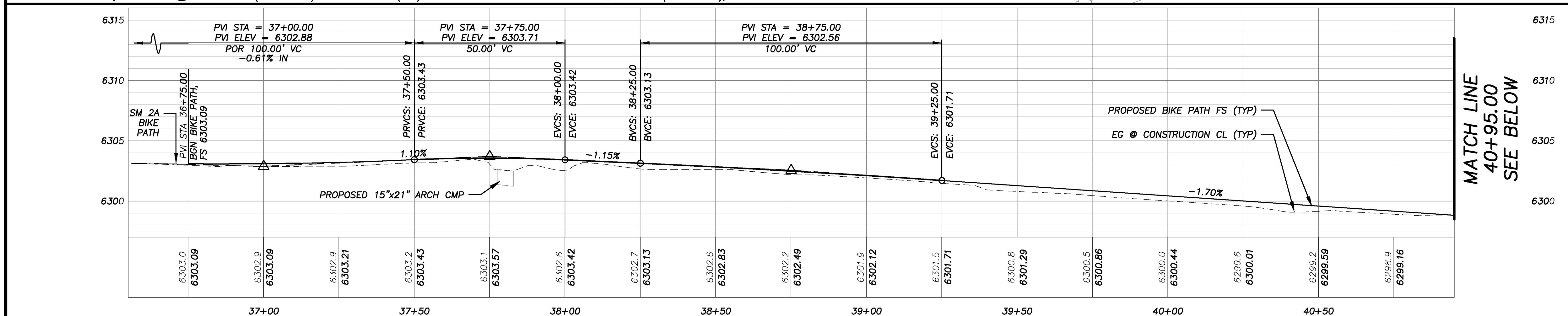
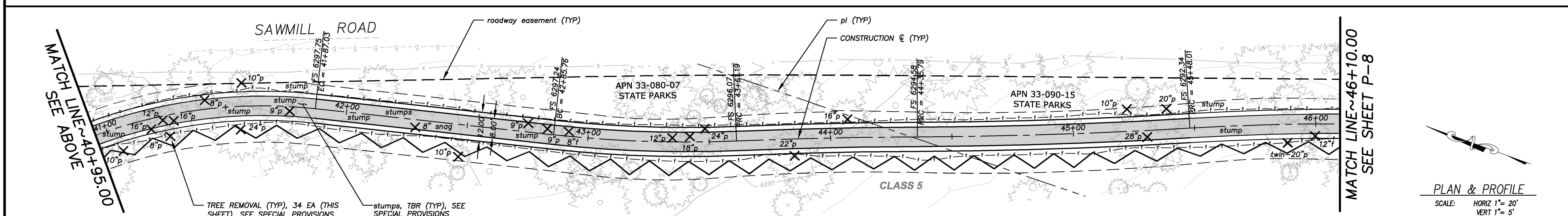
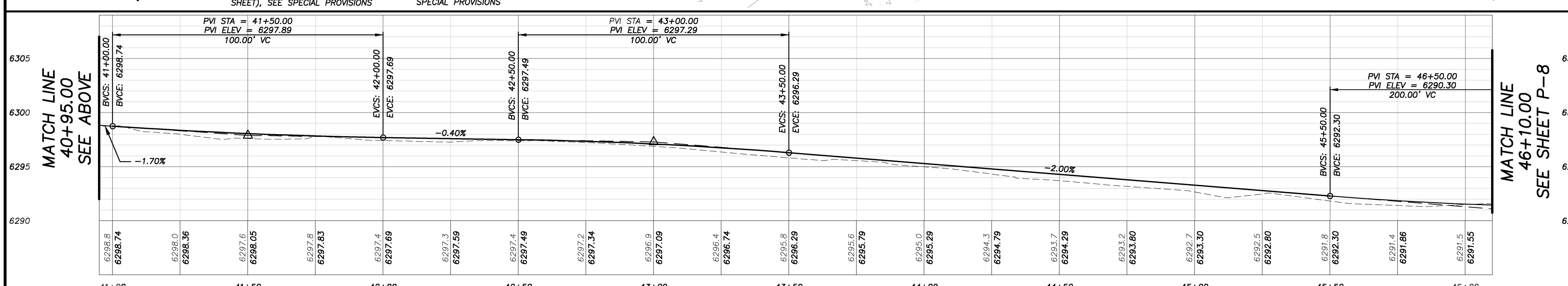




PLAN & PROFILE
SCALE: HORIZ 1"= 20'
VERT 1"= 5'



REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER · RONALD SCIOSANA PALAROAN · No. 56083 · Exp. 06-30-16 · CIVIL · STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER 05/28/2014
DATE:

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

EL DORADO COUNTY CALIFORNIA

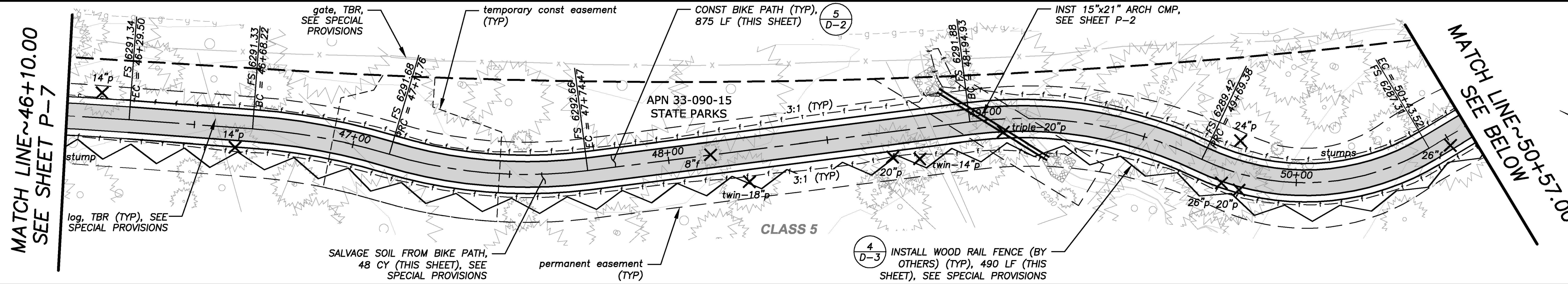
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

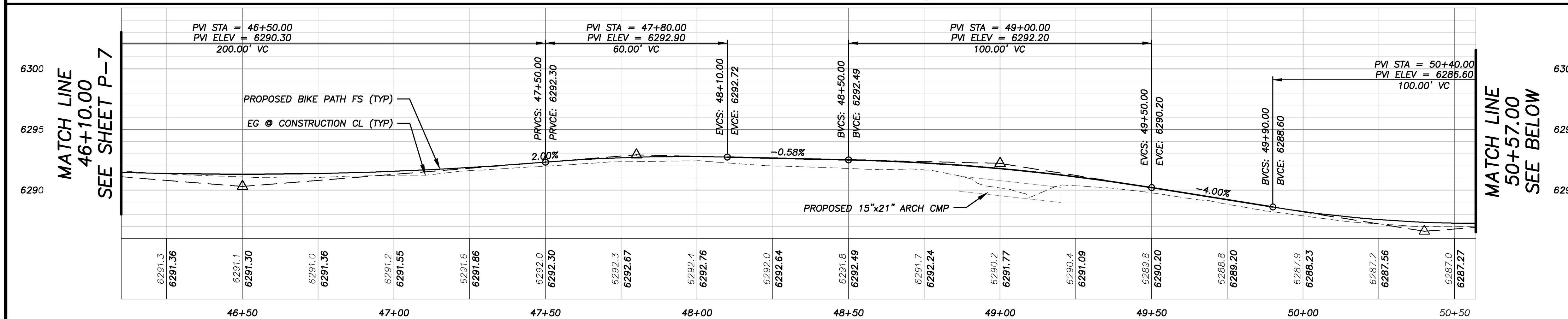
SAWMILL 2B BIKE PATH AND ECP
BIKE PATH PLAN AND PROFILE
STA 36+75.00 TO STA 46+10.00

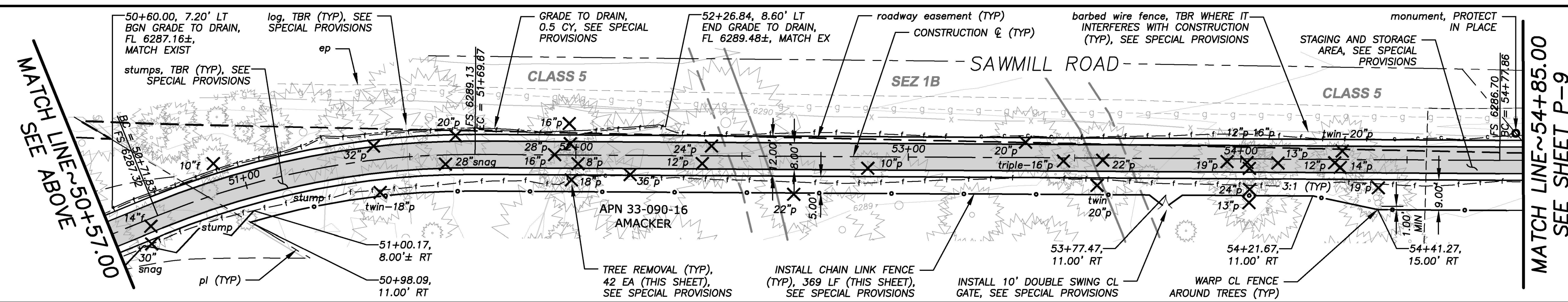
SHEET P-7
12 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

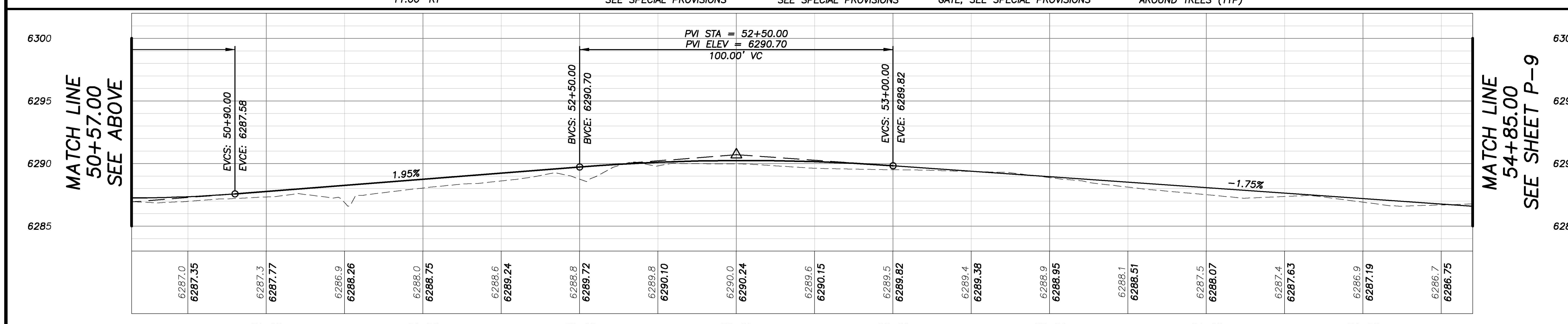
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\13 SAW2B_P-9.dwg









!! WARNING !!

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

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

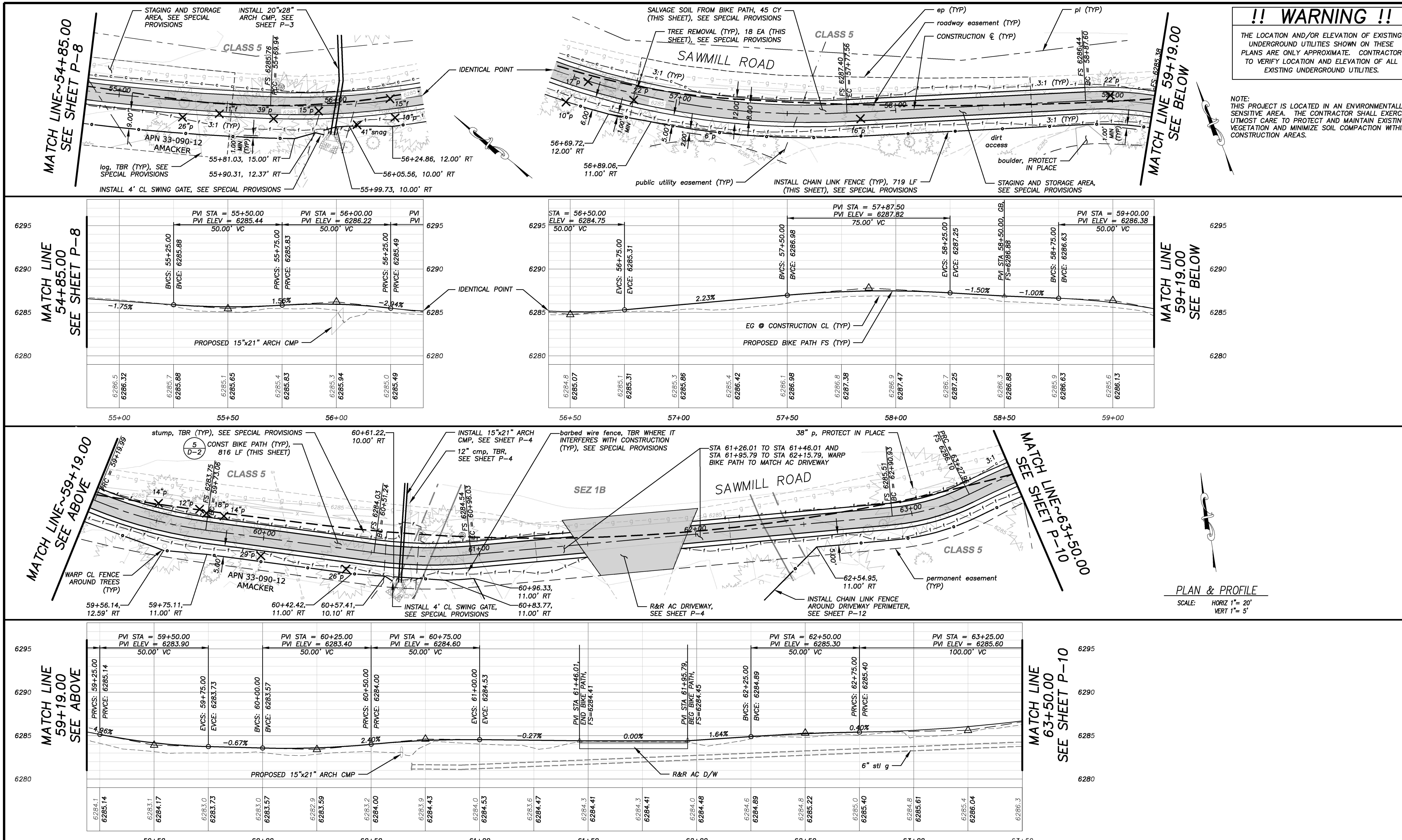
PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
05/28/2014
DATE:

DESIGNED: ALD | DRAWN: ALD
CHECKED: DSP | DATE: 05/2014
ROAD NUMBER: ---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
BIKE PATH PLAN AND PROFILE
STA 46+10.00 TO STA 54+85.00

SHEET P-8
13 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER 05/28/2014
DATE:

REGISTERED PROFESSIONAL ENGINEER — DONALDO SICOSANA PALARIA — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

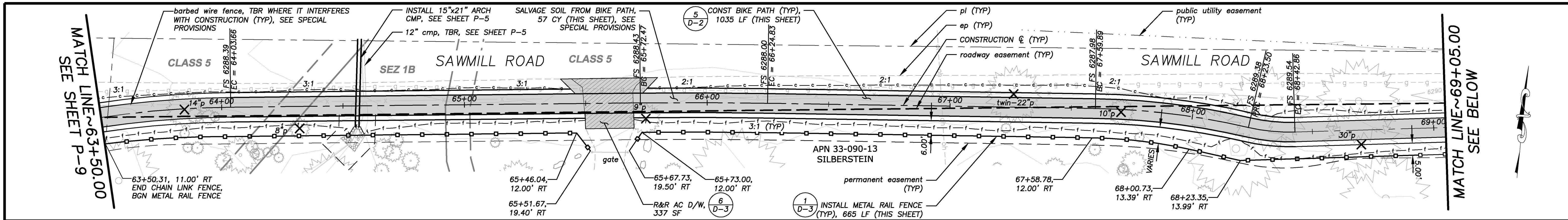
DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

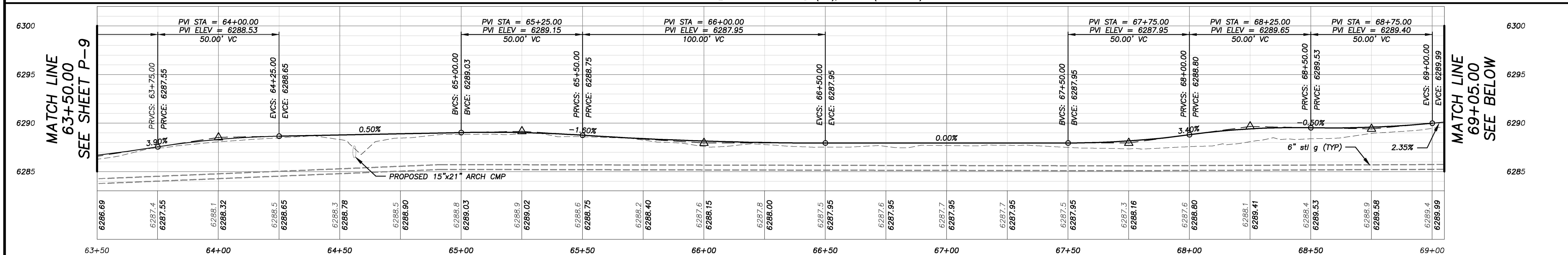
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

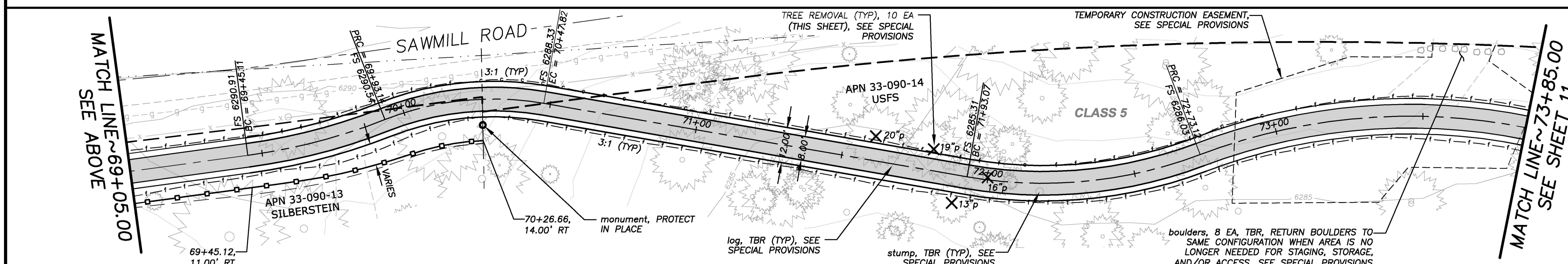
SAWMILL 2B BIKE PATH AND ECP
BIKE PATH PLAN AND PROFILE
STA 54+85.00 TO STA 63+50.00

SHEET P-9
14 of 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

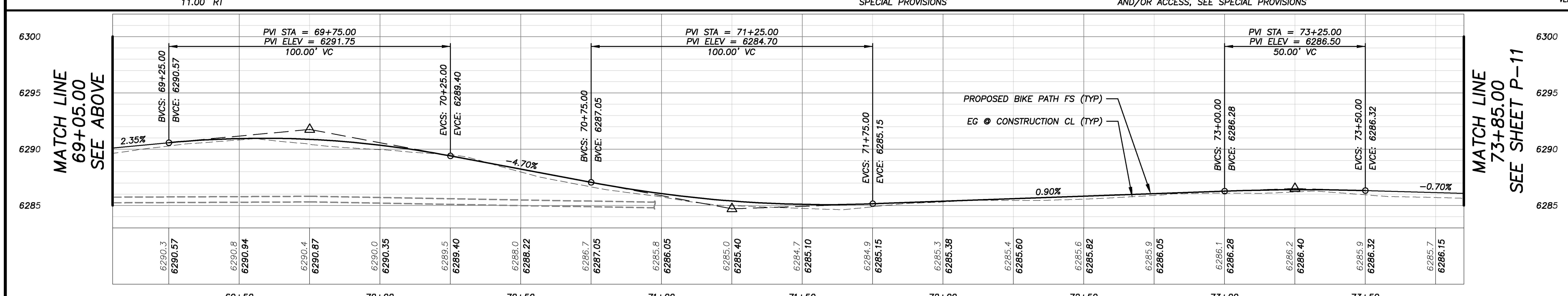






PLAN & PROFILE

SCALE: HORIZ 1"= 20' VERT 1"= 5'



!! 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. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2

REVISION | NUMBER | DATE | DESCRIPTION | BY

REGISTERED PROFESSIONAL ENGINEER RONALDO SICOSANA PALABRICA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER 05/28/2014 DATE:

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

EL DORADO COUNTY CALIFORNIA

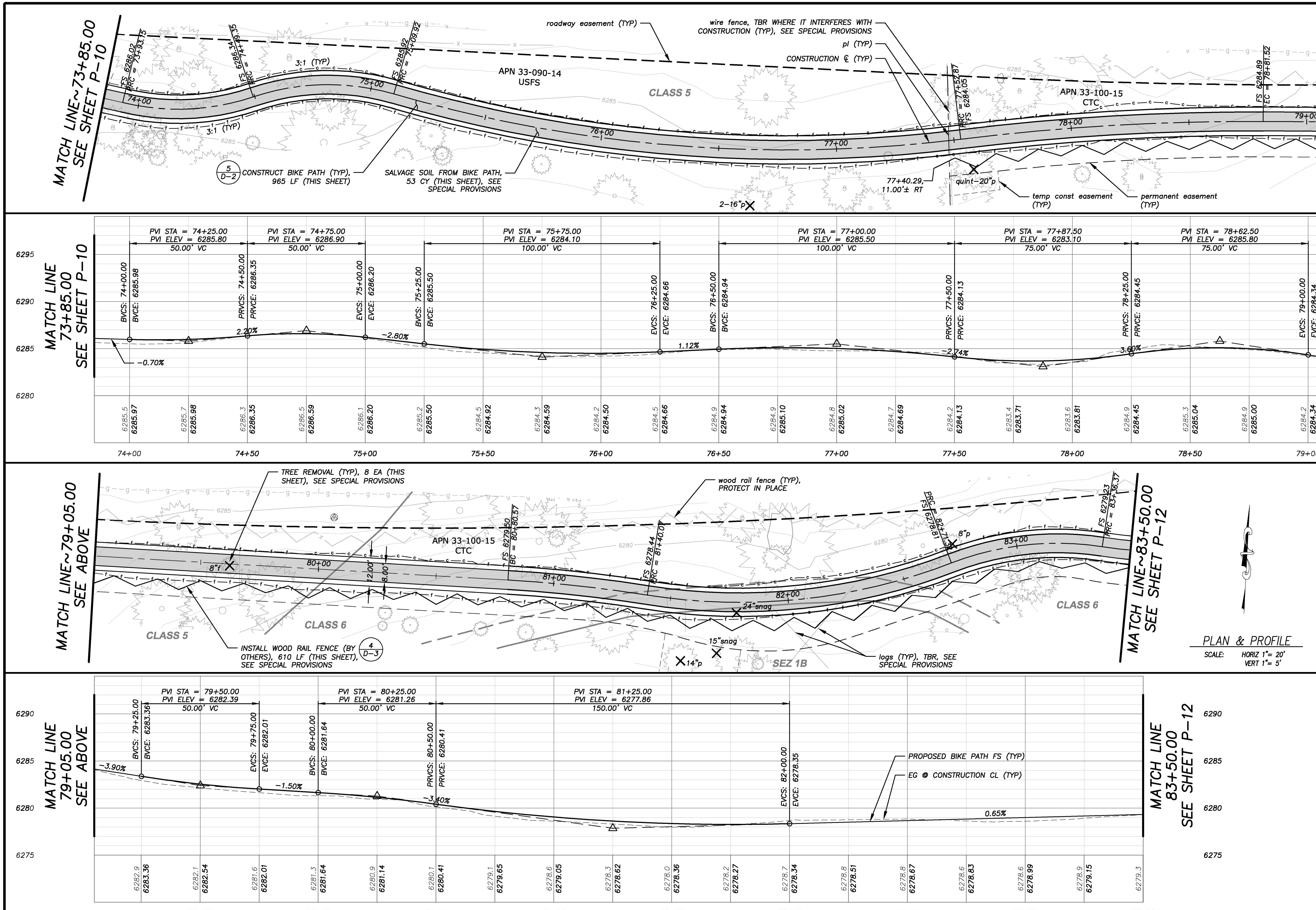
COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP BIKE PATH PLAN AND PROFILE

STA 63+50.00 TO STA 73+85.00

SHEET P-10 15 OF 35

CIP NO. PW 11-30593
CIP NO. 95192



PLAN & PROFILE

SCALE: HORIZ 1"= 20'
VERT 1"= 5'

!! 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.

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REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER RONALDO SICOSANA PALAYPAY No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER 05/28/2014 DATE:

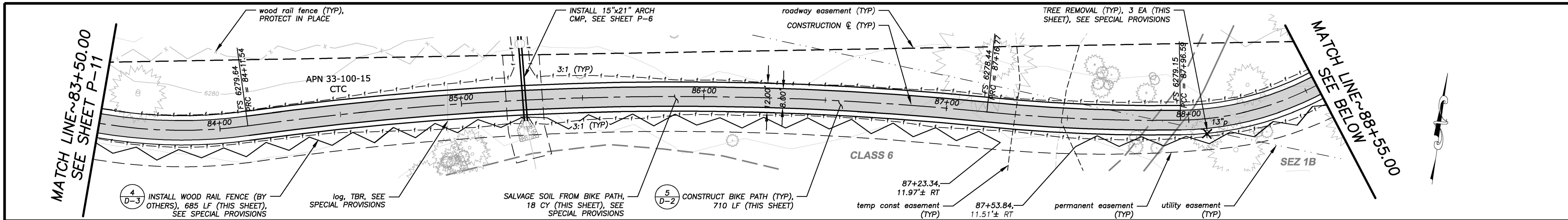
DESIGNED: ALD | DRAWN: ALD
CHECKED: DSP | DATE: 05/2014
ROAD NUMBER: ---

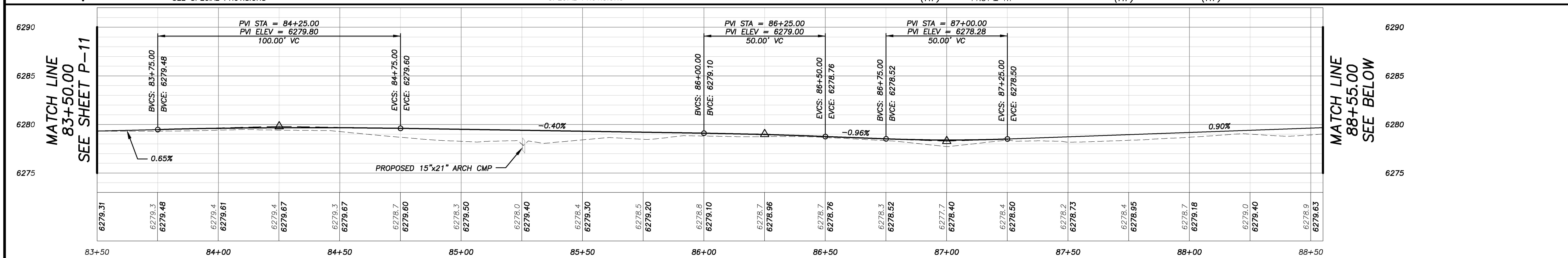
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

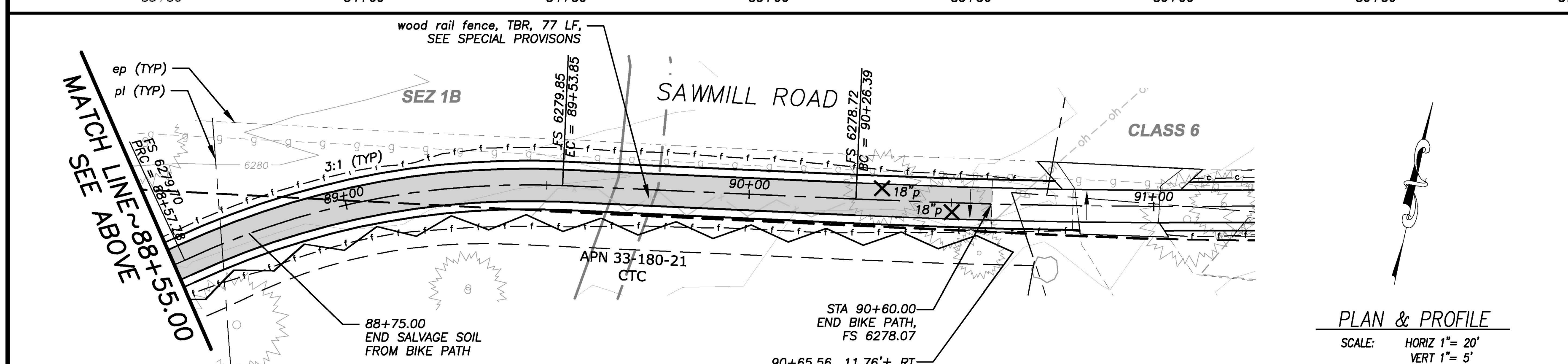
SAWMILL 2B BIKE PATH AND ECP
BIKE PATH PLAN AND PROFILE
STA 73+85.00 TO STA 83+50.00

SHEET P-11
16 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

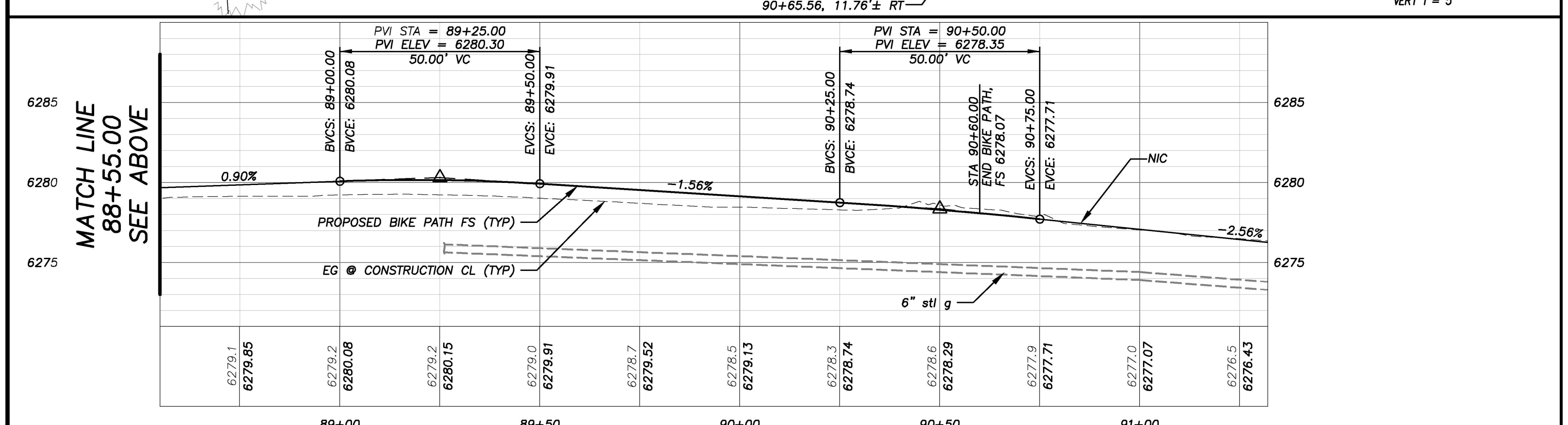






PLAN & PROFILE

SCALE: HORIZ 1"= 20' VERT 1"= 5'



!! 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:
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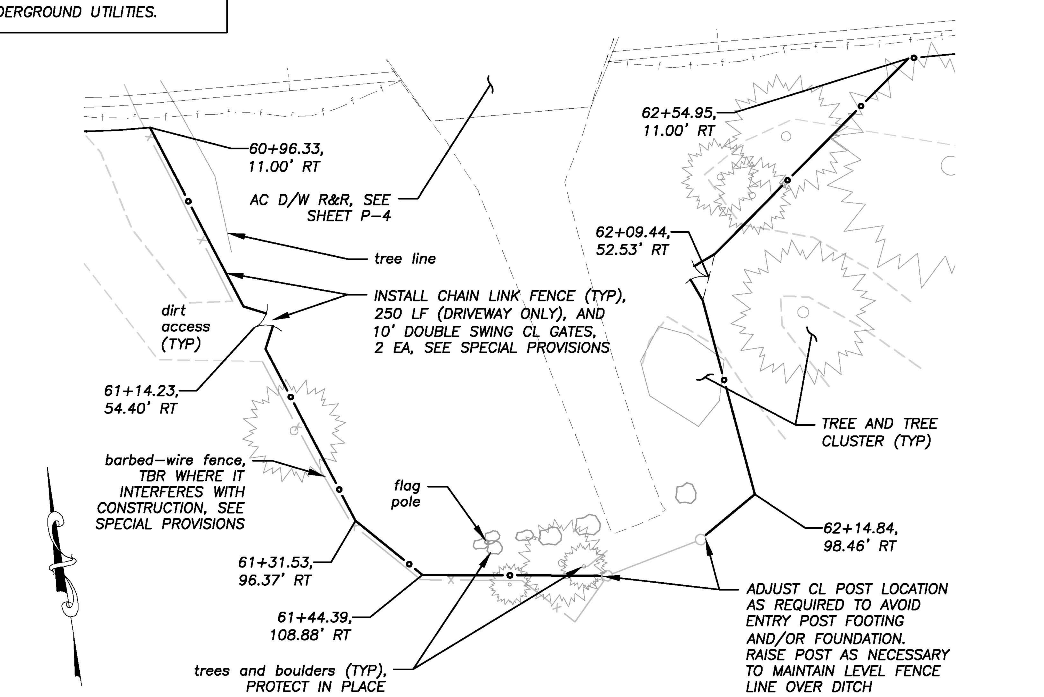

CHAIN LINK FENCE AT BP STA 61+70±

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

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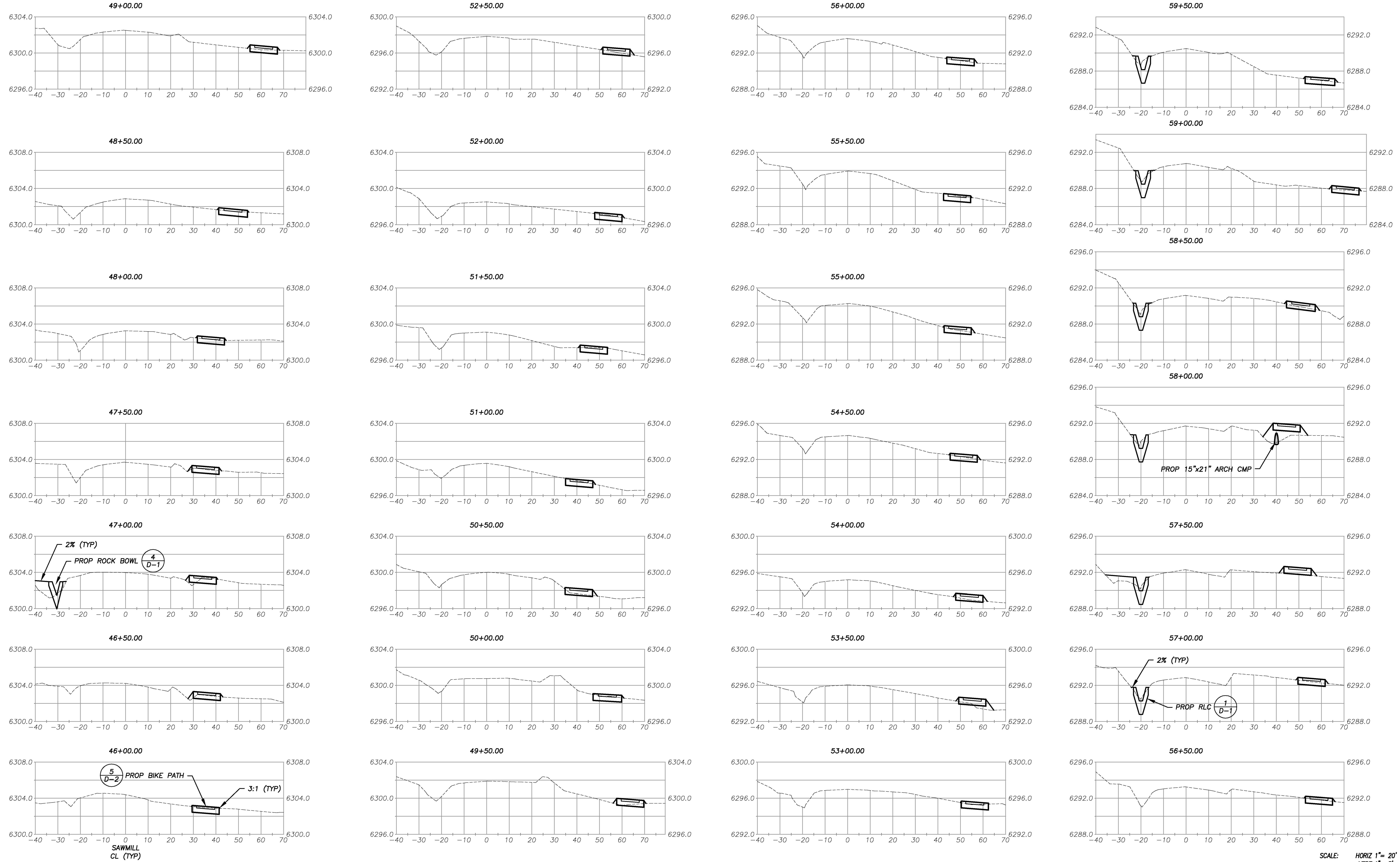
ROAD NUMBER: ---	

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
BIKE PATH PLAN AND PROFILE
STA 83+50.00 TO STA 91+25.00

SHEET P-12
17 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



SCALE: HORIZ 1"= 20' VERT 1"= 5'

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

0 1 2

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/28/2014

DATE:

DESIGNED: ALD

DRAWN: ALD

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DATE: 05/2014

ROAD NUMBER: ---

EL DORADO COUNTY CALIFORNIA

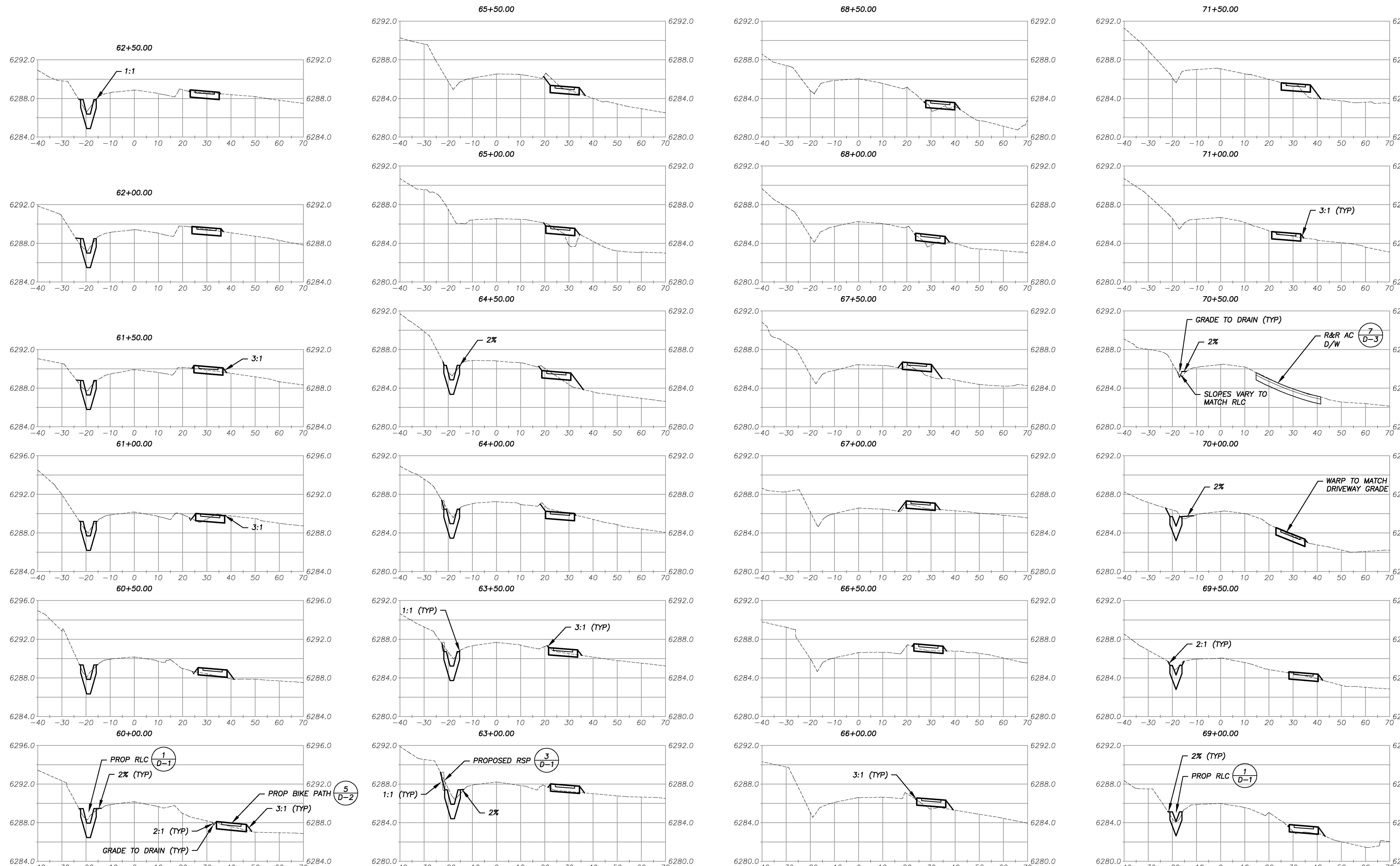
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
CROSS-SECTIONS

SHEET X-1 18 OF 35

CONTRACT NO. PW 11-30593

CIP NO. 95192



SCALE: HORIZ 1"= 20' VERT 1"= 5'

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

0 1 2

Drawing name: \\CDAData1\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\24-28 SAW2B_X1-X6.dwg

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
DONALDO SICOSANA PALAROAN
No. 66083
Exp. 06-30-16
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: 05/28/2014

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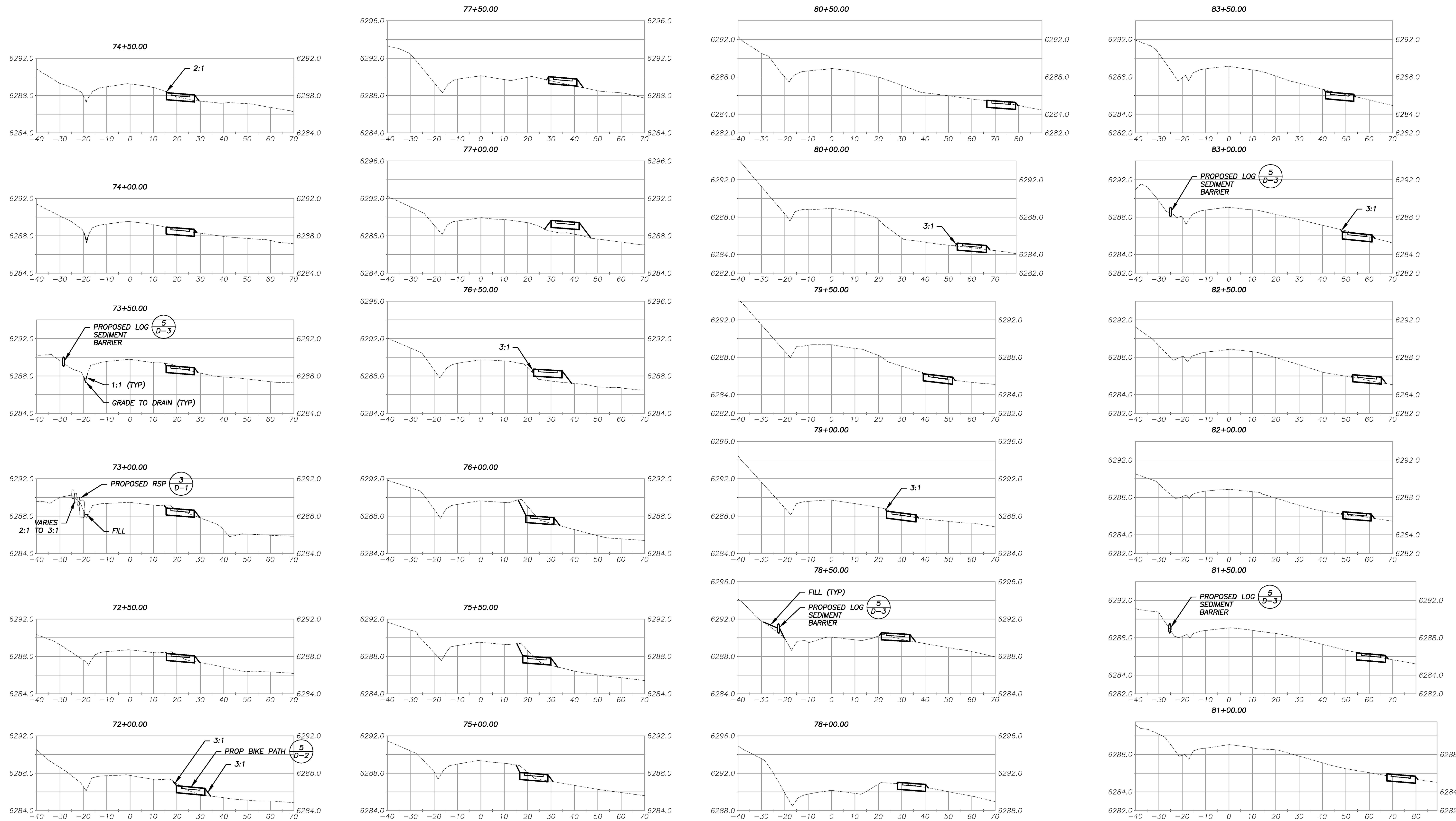
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER:	---

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
CROSS-SECTIONS

SHEET X-2
19 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



SCALE: HORIZ 1"= 20' VERT 1"= 5'

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

0 1 2

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — DONALDO SICOSANA PALABRAN — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/28/2014

DATE:

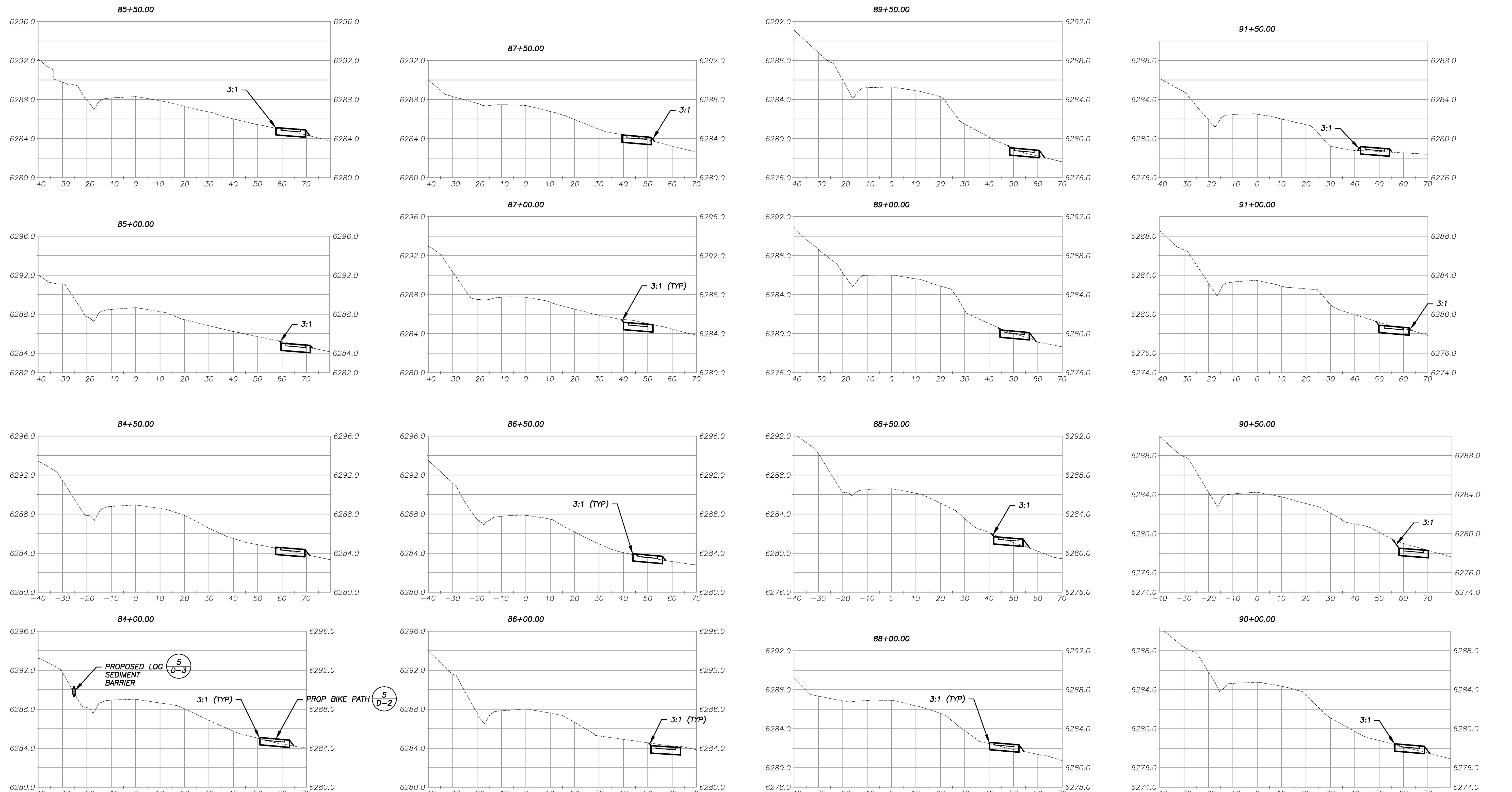
DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER:	---

EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
CROSS-SECTIONS

SHEET X-3
20 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



SCALE: HORIZ 1"= 20' VERT 1"= 5'

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

Drawing name: \\CDAdata\D-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\24-28 SAW2B_X1-X6.dwg

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER DONALDO SICOSANA PALARAN No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER 05/28/2014 DATE:

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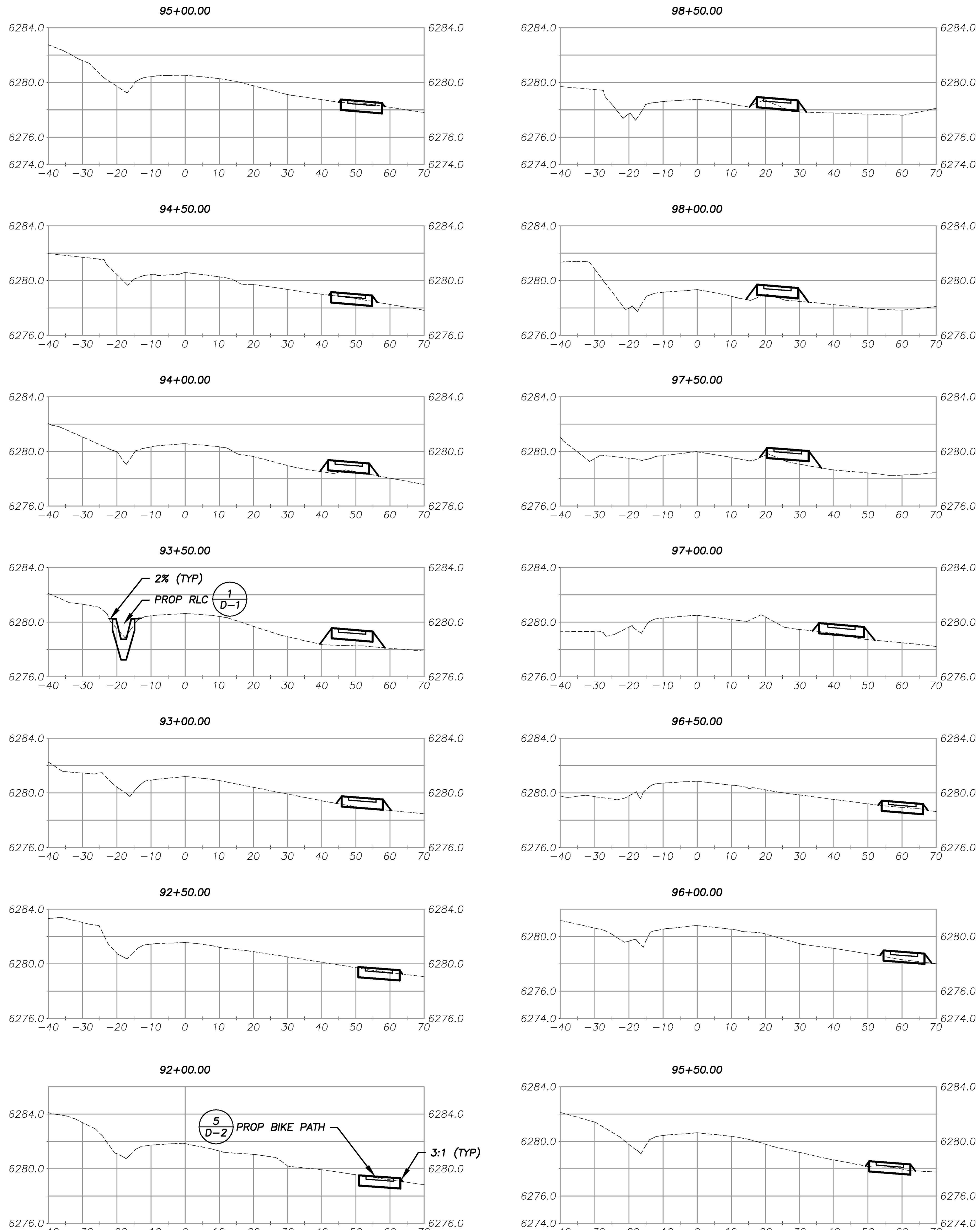
ROAD NUMBER:	---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
CROSS–SECTIONS

SHEET X–4
21 OF 35
CONTRACT NO. PW 11–30593
CIP NO. 95192



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

SCALE: HORIZ 1"= 20' VERT 1"= 5'

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER DONALDO SICOSANA PALARMA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

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05/28/2014

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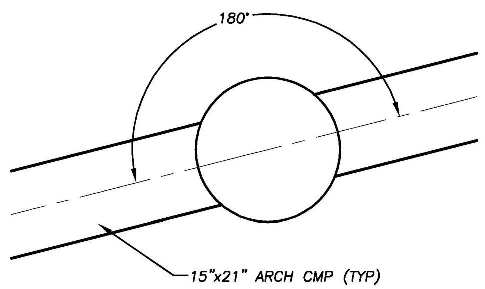
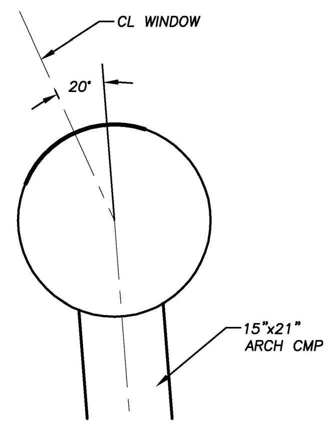
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
CROSS-SECTIONS

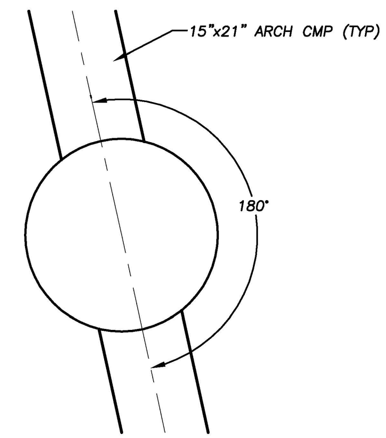
SHEET X-5
22 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



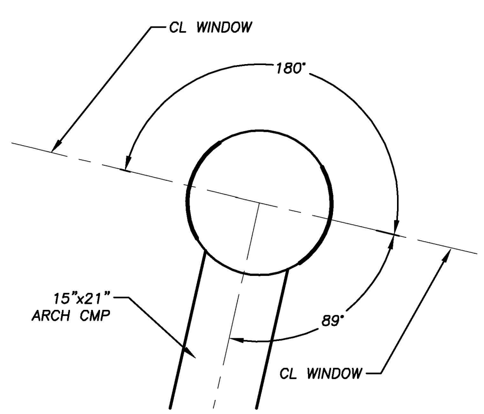
36"ø SEDIMENT TRAP
AT 47+10.30 (SHEET P-1)
NTS



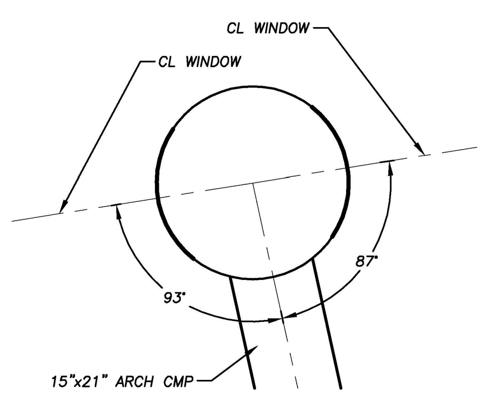
48"ø SEDIMENT TRAP
AT 73+12.64 (SHEET P-5)
NTS



48"ø SEDIMENT TRAP
AT 93+60.42 (SHEET P-6)
NTS



36"ø SEDIMENT TRAP
AT 69+29.98 (SHEET P-4)
NTS



48"ø SEDIMENT TRAP
AT 93+57.81 (SHEET P-6)
NTS

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

REVISION			
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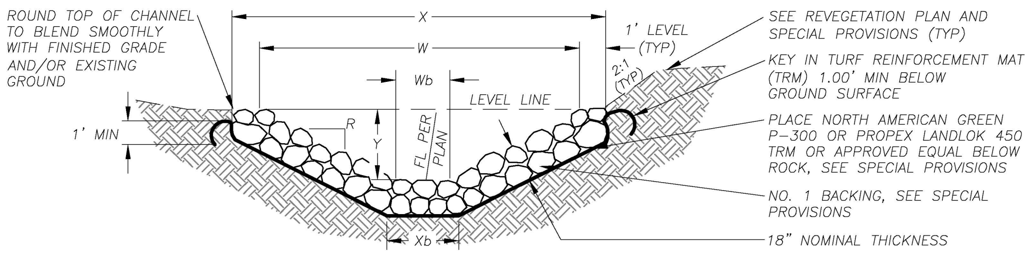
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
SEDIMENT TRAP HORIZONTAL CONTROL

SHEET H-1
23 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



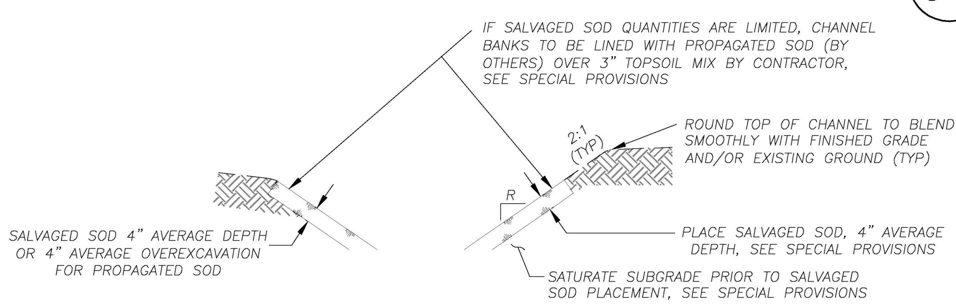
PLAN SHEET	STATIONING	LF	TOP WIDTH, X (EXCAVATION)	TOP WIDTH, W (ROCK FS)	BOTTOM WIDTH, Xb (EXCAVATION)	BOTTOM WIDTH, Wb (ROCK FS)	DEPTH, Y	SLOPE RATIO, R
P-1	46+79.00 TO 46+98.57	20	5.00'	3.00'	---	---	1.50'	1:1
P-1	0+08.29 TO 0+18.29	10	5.00'	3.00'	---	---	1.50'	1:1
P-2	0+07.50 TO 0+17.50	10	5.00'	3.00'	---	---	1.50'	1:1
P-2, 3	56+83.00 TO 64+94.00	795	6.50'	4.50'	2.74'	1.50	1.50	1:1
P-4	68+62.00 TO 69+25.89	63	5.00'	3.00'	---	---	1.00'	1.5:1
P-4	69+34.08 TO 70+45.01	108	5.00'	3.00'	---	---	1.00'	1.5:1
P-6	93+29.91 TO 93+53.31	23.5	6.50'	4.50'	2.74'	1.50'	1.50'	1:1
P-6	93+62.31 TO 93+85.78	23.5	6.50'	4.50'	2.74'	1.50'	1.50'	1:1

NOTES:

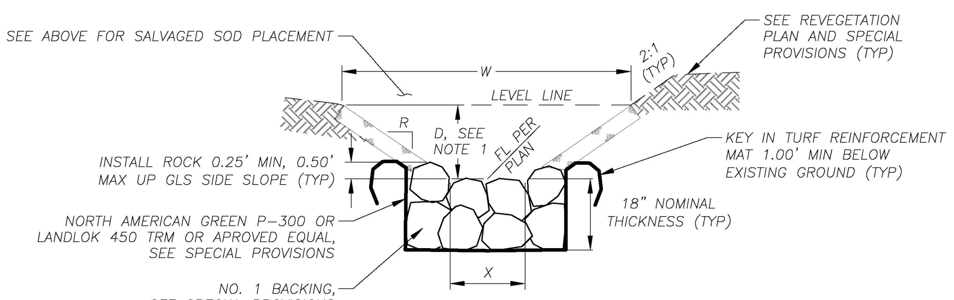
1. "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

ROCK-LINED CHANNEL
NTS

1 / D-1



SALVAGED SOD PLACEMENT



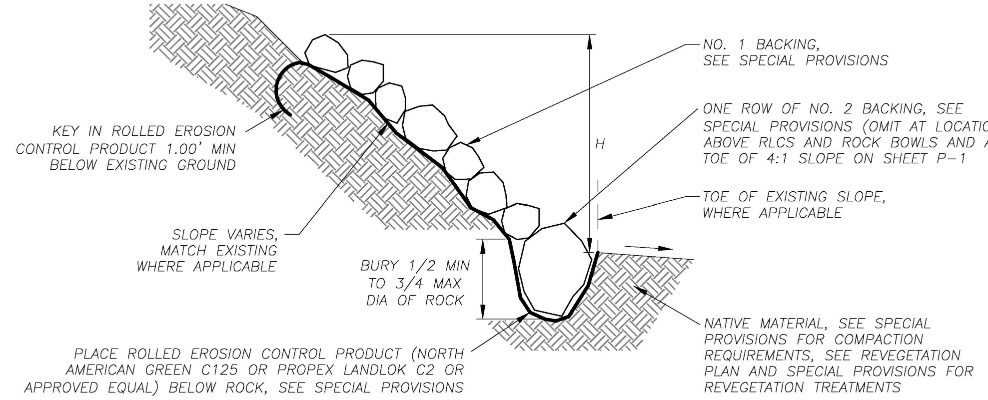
PLAN SHEET	STATIONING	LF	TOP WIDTH, W	BOTTOM WIDTH, X	DEPTH, D	SLOPE RATIO, R
P-1	1+12.30 TO 1+39.24	27	6.00' (MAX)	1.00'	1.00' (MAX)	2.5:1
P-3	0+84.52 TO 1+05.08	21	6.00'	2.00'	1.00'	2:1

NOTES:

1. "D" 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-SECTION SHEETS FOR GRADING LIMITS.
2. DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP FS OF ROCK AND TOP OF SALVAGED SOD COIL CLUMP.
3. SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.

MODIFIED GRASS-LINED SWALE
NTS

2 / D-1



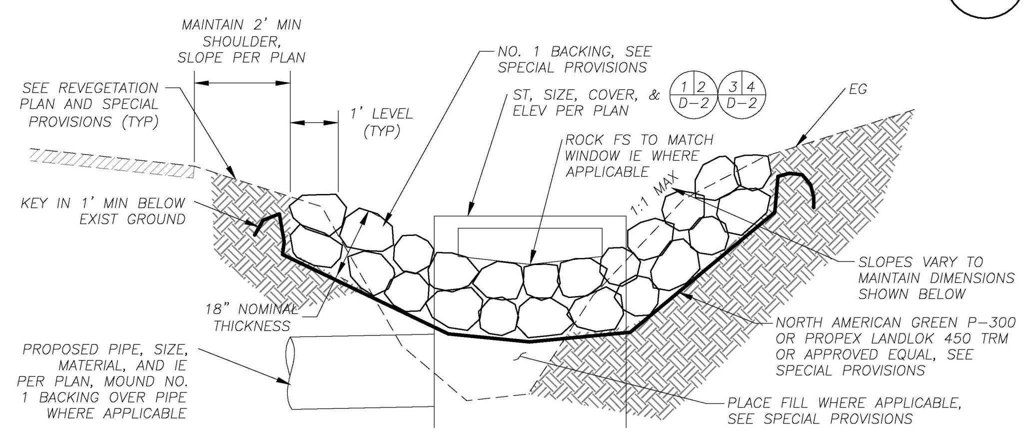
PLAN SHEET	STATIONING	AVERAGE HEIGHT, H	MAXIMUM HEIGHT, H	SLOPE RATIO, R
P-1	NEAR 47+10	0.75'	1.25'	4:1
P-3	62+72.38 TO 64+42.49	1.00'	2.00'	1:1
P-3	64+54.02 TO 64+96.07	1.00'	4.00'	1:1
P-4	68+62.00 TO 68+91.19	1.00'	2.00'	3:1
P-5	72+76.47 TO 73+46.21	2.00'	3.50'	3:1 TO 2:1

NOTE:

SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

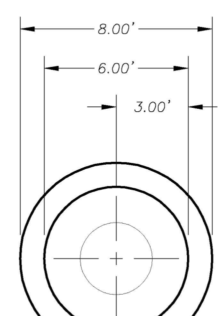
ROCK SLOPE PROTECTION
NTS

3 / D-1

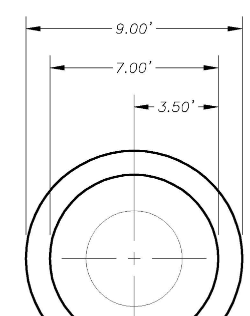


NOTES:

1. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.
2. FOR ST WITH GRATE, ROCK FS TO MATCH RIM ELEVATION.



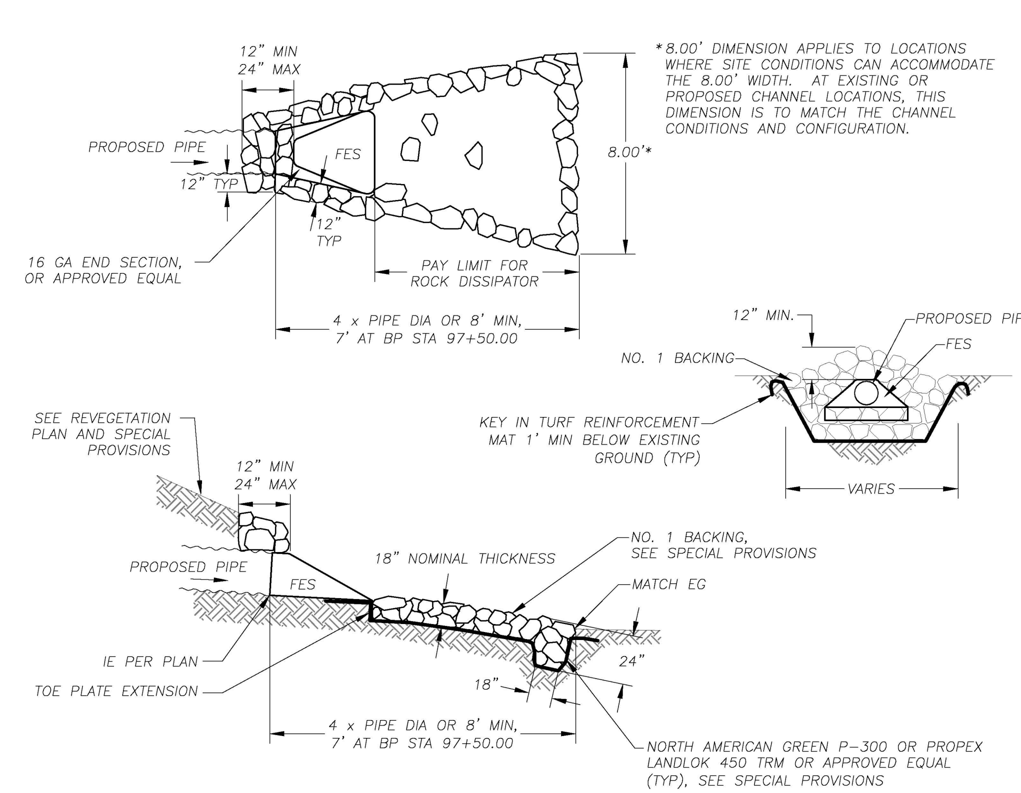
AT 36" ST



AT 48" ST

ROCK BOWLS AT SEDIMENT TRAPS
NTS

4 / D-1

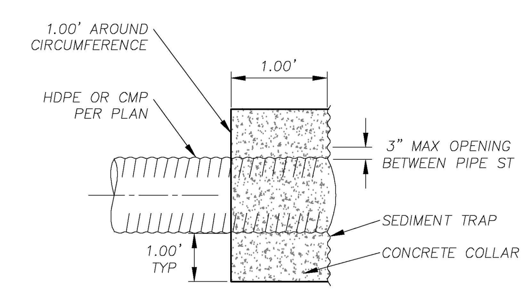


NOTES:

1. ALL FES SHALL BE GALVANIZED AND PAINTED.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

FLARED END SECTION AND ROCK DISSIPATOR
NTS

5 / D-1



NOTES:

1. SEE PLAN SHEETS AND SPECIAL PROVISIONS FOR LOCATIONS WHERE WELDING IS REQUIRED IN PLACE OF CONCRETE COLLARS.
2. SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.

CONCRETE COLLAR
NTS

6 / D-1

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\30-33 SAW2B_D1-D4.dwg

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER RONALDO SICOSANA PALABON No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

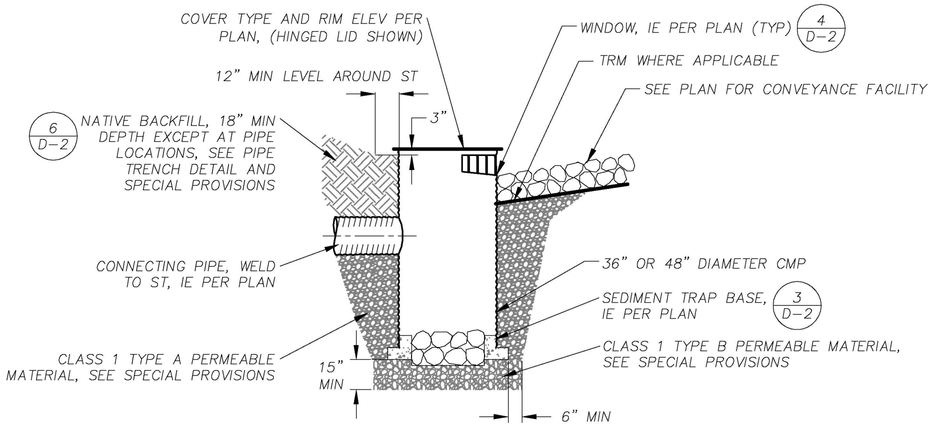
REGISTERED CIVIL ENGINEER 05/28/2014 DATE:

DESIGNED: ALD | DRAWN: ALD
CHECKED: DSP | DATE: 05/2014
ROAD NUMBER: ---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
DETAIL SHEETS

SHEET D-1
24 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

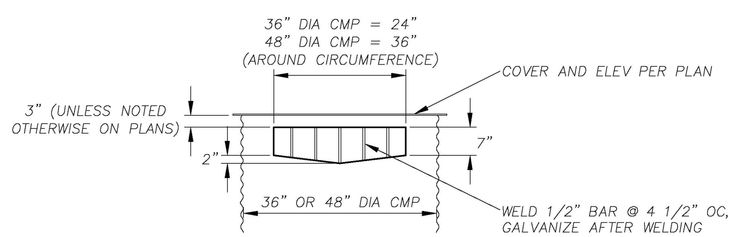


NOTES:

1. SEE REVEGETATION PLAN AND SPECIAL PROVISIONS FOR TREATMENT OF DISTURBED AREAS AROUND SEDIMENT TRAPS.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE AND NATIVE BACKFILL COMPACTION REQUIREMENTS.

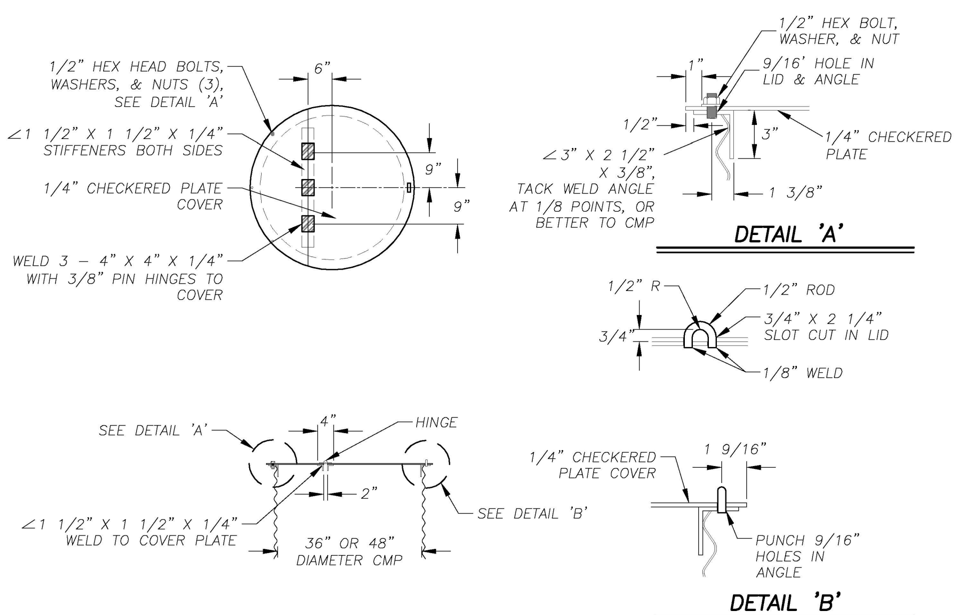
SEDIMENT TRAP
NTS

1 D-2



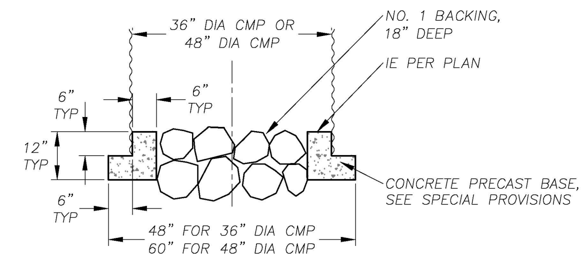
SEDIMENT TRAP WINDOW
NTS

2 D-2



HINGED LID
NTS

3 D-2

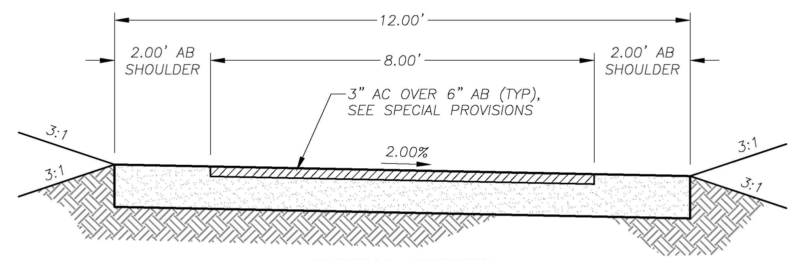


NOTES:

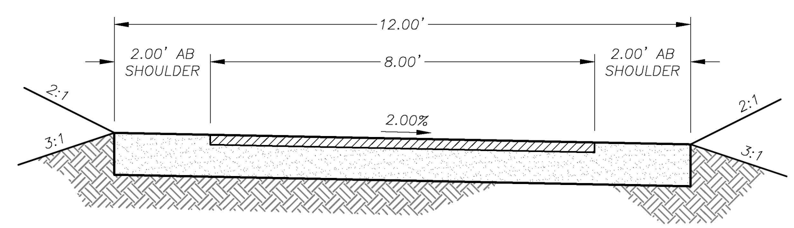
1. SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

SEDIMENT TRAP BASE
NTS

4 D-2



TYPICAL SECTION



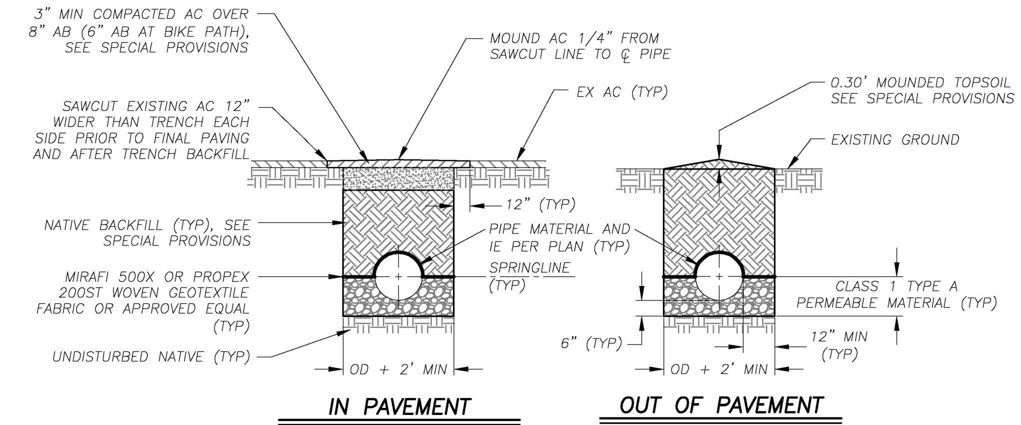
BETWEEN BP STA 65+70 TO STA 67+95

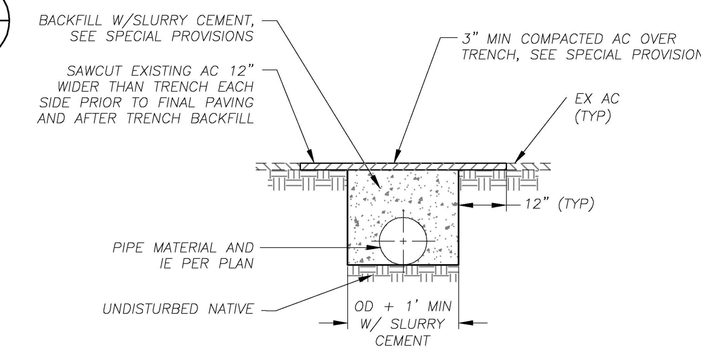
NOTE:

SEE SPECIAL PROVISIONS FOR COMPACTION AND SUBGRADE REQUIREMENTS.

BIKE PATH TYPICAL SECTIONS
NTS

5 D-2





IN PAVEMENT, MIN COVER

NOTES:

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

PIPE TRENCH
NTS

7 D-2

NOT USED
NTS

6 D-2

NOT USED
NTS

8 D-2

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER · DONALDO SICOSANA PALANCA · No. 66083 · Exp. 06-30-16 · CIVIL · STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER 05/28/2014
DATE:

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER:	---

EL DORADO COUNTY CALIFORNIA

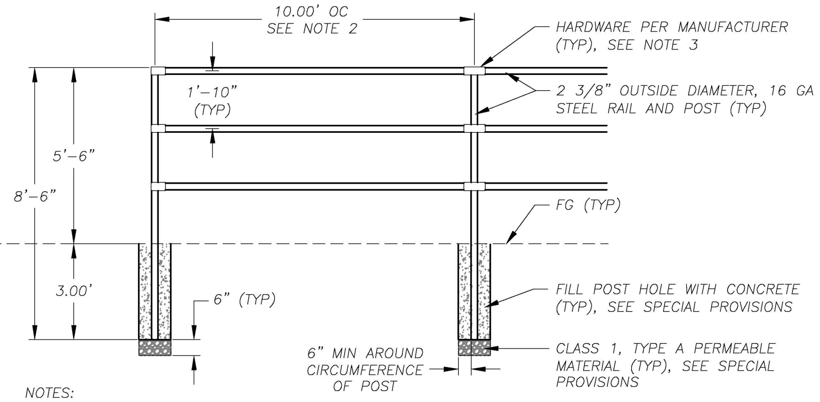
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
DETAIL SHEETS

SHEET D-2
25 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\30-33 SAW2B_D1-D4.dwg

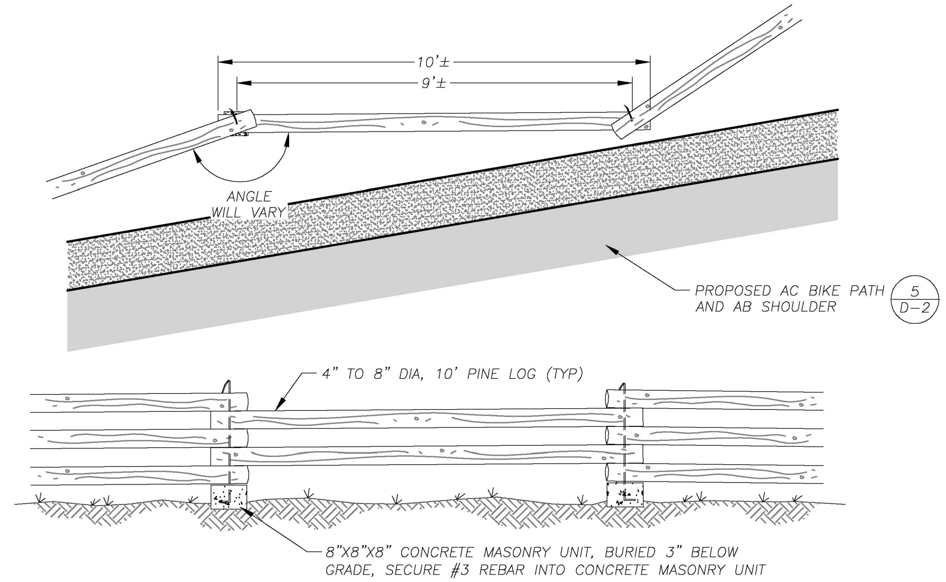


NOTES:

1. FENCE RAILS AND POSTS SHALL BE GALVANIZED.
2. LENGTH OF RAIL (10.00' OC SHOWN) SHALL BE REDUCED AS NECESSARY AT ANGLE POINTS AND TERMINAL POSTS.
3. HARDWARE SHALL BE HEAVY DUTY (INDUSTRIAL OR COMMERCIAL USE) GALVANIZED STEEL.
4. RAIL INSTALLATION SHALL BE BETWEEN POSTS AND NOT ALONG THE FACE OF THE POST.
5. POST FOUNDATION AS SHOWN SHALL ALSO BE FOR CHAIN LINK FENCE POST INSTALLATION.

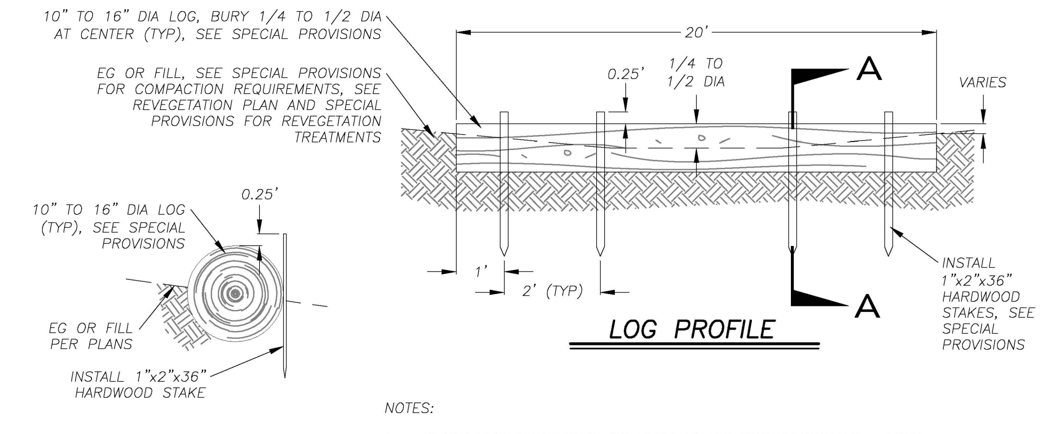
METAL RAIL FENCE AND POST FOUNDATION 1 / D-3

NTS



WOOD RAIL FENCE (BY OTHERS) 4 / D-3

NTS

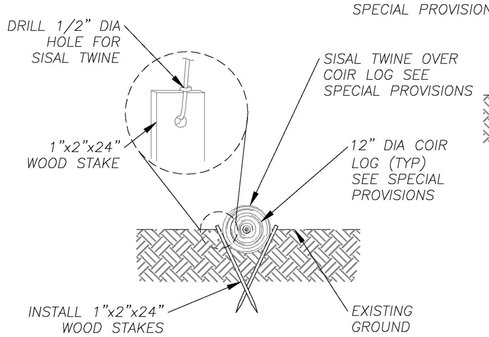


NOTES:

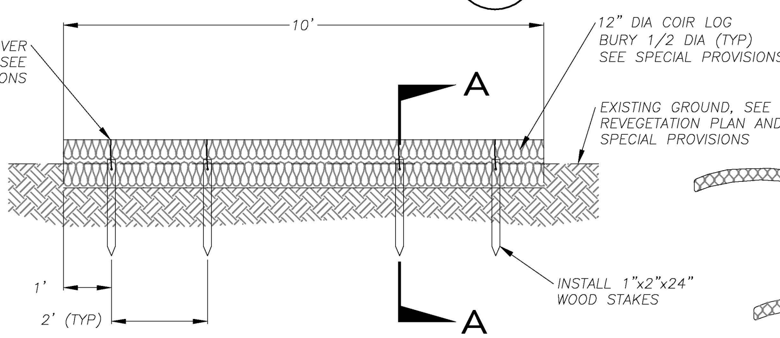
1. PLACEMENT OF LOGS IS SUBJECT TO EXISTING CONDITIONS. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING HARDWOOD STAKE MATERIAL REQUIREMENTS.

LOG SEDIMENT BARRIER 5 / D-3

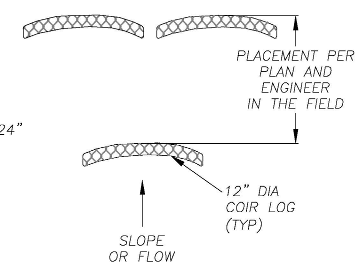
NTS



SECTION A–A



COIR LOG PROFILE



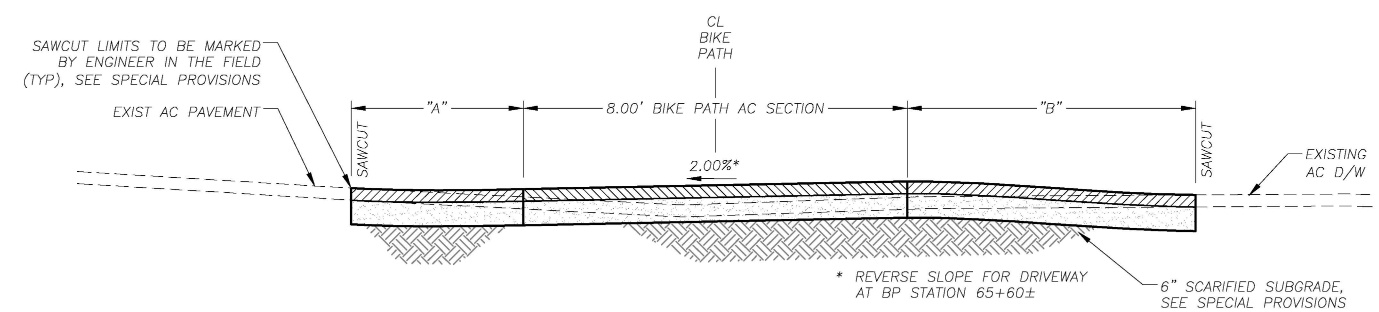
COIR LOG PLAN

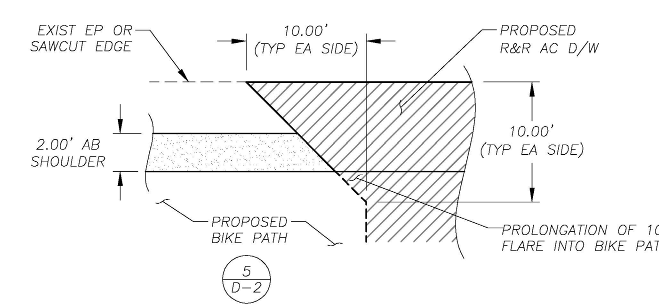
NOTES:

1. PLACEMENT OF COIR LOGS IS SUBJECT TO EXISTING CONDITIONS. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING COIR LOG MATERIAL REQUIREMENTS.

COIR LOG 2 / D-3

NTS





10'x10' FLARE

PLAN SHEET	BP STATION	"A" IN FEET	"B" IN FEET
P-10	65+60±	6.24'	6.29'

NOTES:

1. DRIVEWAY PAVEMENT REPLACEMENT TO BE 3" AC OVER 6" AB.
2. MATCH WIDTH OF EXISTING DRIVEWAY AT SAWCUT.
3. THE ENGINEER SHALL MARK THE SAWCUT LIMITS AT EACH DRIVEWAY.
4. DRIVEWAY PAVING SHALL BE WARPED TO MAINTAIN A SMOOTH TRANSITION AND PREVENT PONDING OR TRAPPING WATER.
5. SEE SPECIAL PROVISIONS FOR COMPACTION REQUIREMENTS.
6. FOR R&R DRIVEWAY AT BP STA 61+70±, CONSTRUCT PER LIMITS SHOWN ON P-4 AND MATCH EXISTING GRADE.

NOT USED 3 / D-3

NTS

R&R AC DRIVEWAY 6 / D-3

NTS

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REGISTERED PROFESSIONAL ENGINEER — DONALDO STOSANA PALARONG — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER — DATE: 05/28/2014

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ROAD NUMBER:	---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
DETAIL SHEETS

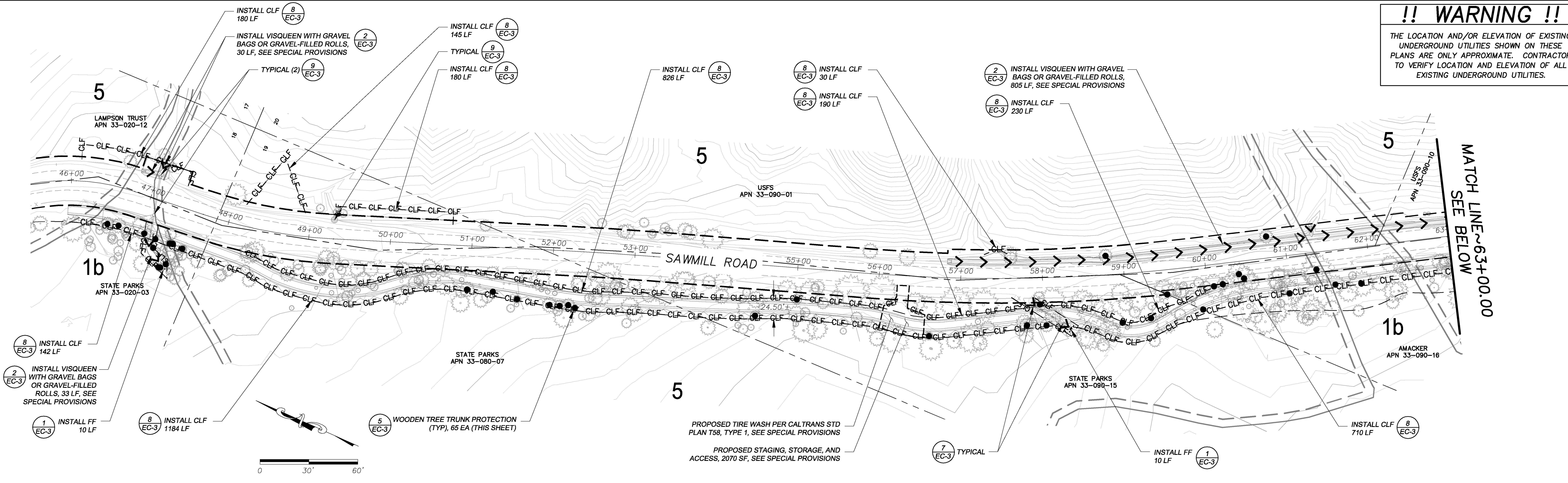
SHEET D-3 — 26 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\30-33 SAW2B_D1-D4.dwg

!! WARNING !!

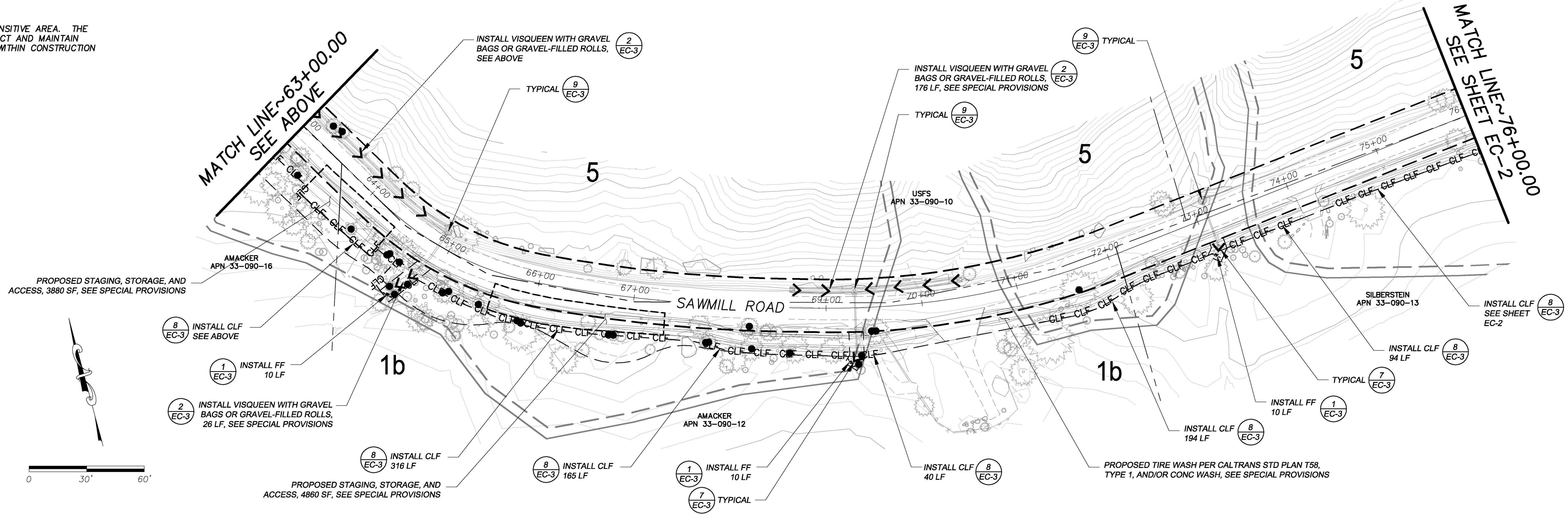
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



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

LEGEND

- COUNTY RIGHT-OF-WAY
- PROPERTY LINE
- ROADWAY EASEMENT
- EXISTING EDGE OF PAVEMENT
- EXISTING EASEMENT
- LAND CAPABILITY BOUNDARY
- 10' SEZ SETBACK
- EXISTING HOUSE
- SEDIMENT CONTROL FOR EXIST AND PROPOSED CHANNELS, SWALES, AND ROCK DISSIPATORS
- PROPOSED STAGING, STORAGE, OR ACCESS
- WOODEN TREE TRUNK PROTECTION
- —CLF—CLF— CONSTRUCTION LIMIT FENCE
- —FF—FF— FILTER FENCE
- PROPOSED ST
- PROPOSED PIPE WITH FES
- PROPOSED ROCK DISSIPATOR WITH FES
- PROPOSED RLC
- PROPOSED GLS
- PROPOSED BIKE PATH
- PROPOSED FENCING



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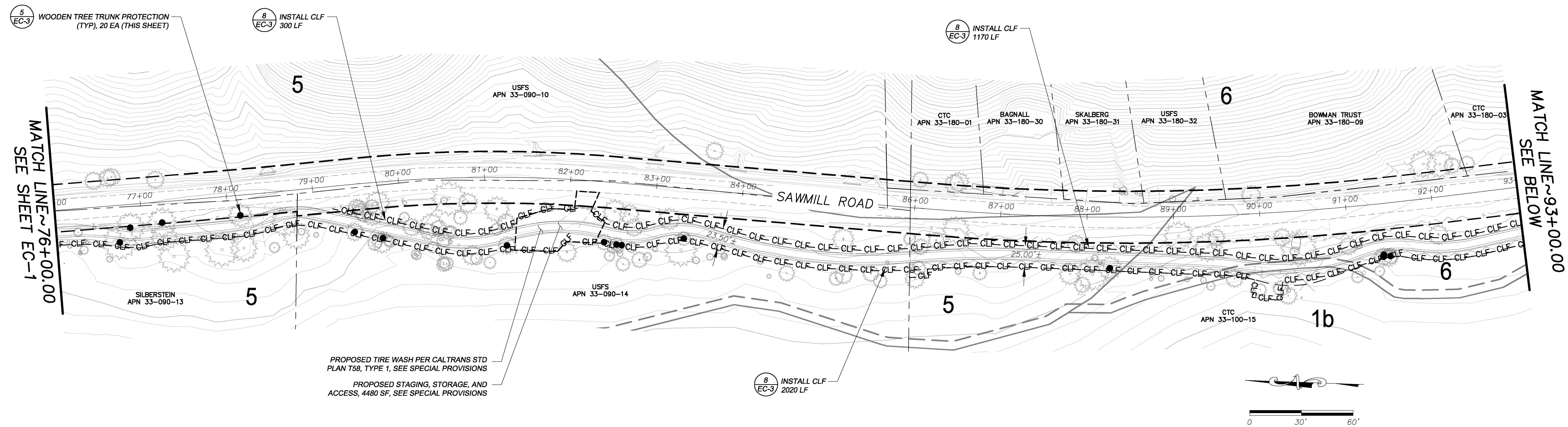
EL DORADO COUNTY · CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
TEMPORARY EROSION CONTROL
STA 46+00.00 TO STA 76+00.00

SHEET EC-1
27 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2



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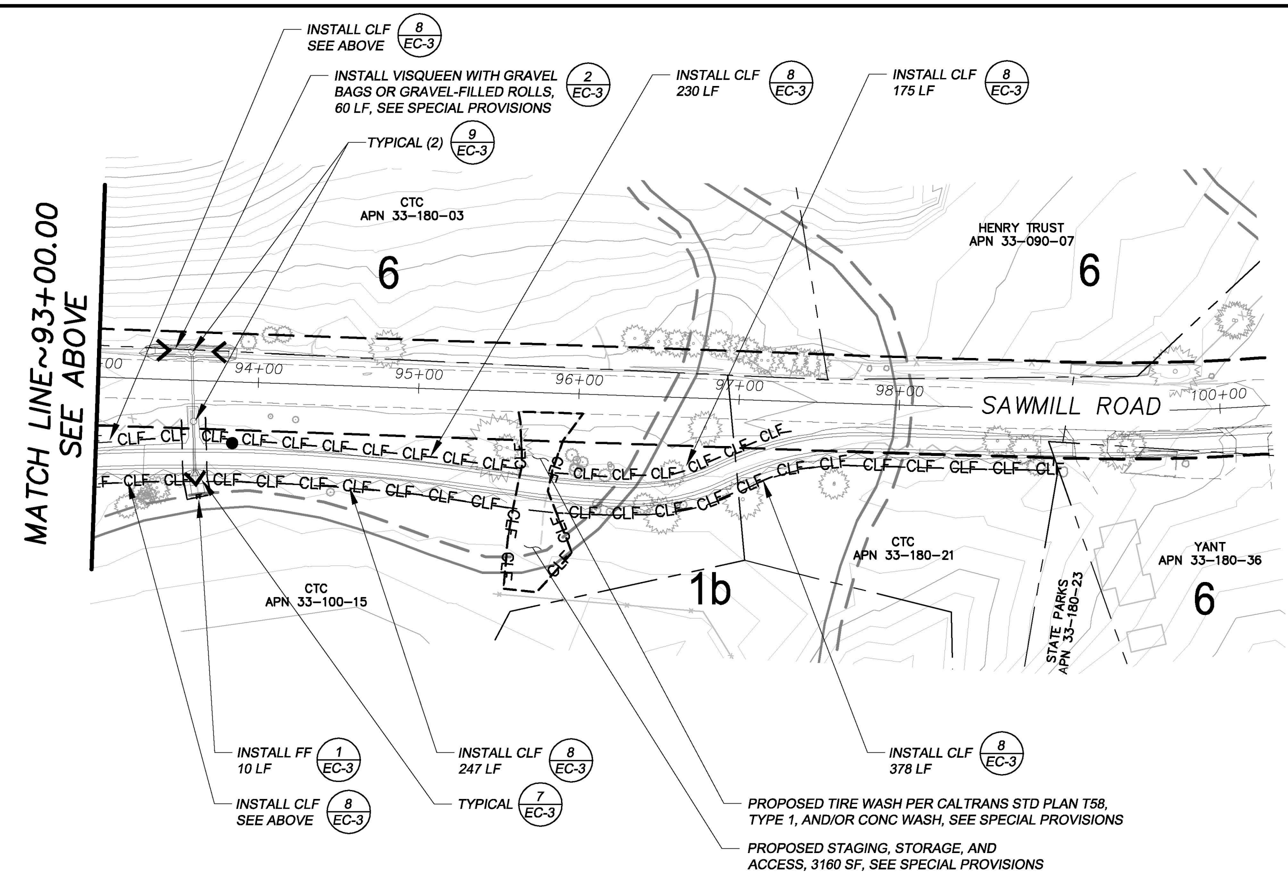

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LEGEND

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- PROPERTY LINE
- ROADWAY EASEMENT
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- EXISTING EASEMENT
- LAND CAPABILITY BOUNDARY
- 10' SEZ SETBACK
- EXISTING HOUSE
- SEDIMENT CONTROL FOR EXIST AND PROPOSED CHANNELS, SWALES, AND ROCK DISSIPATORS
- PROPOSED STAGING, STORAGE, OR ACCESS
- WOODEN TREE TRUNK PROTECTION
- — CLF — CLF — CONSTRUCTION LIMIT FENCE
- — FF — FF — FILTER FENCE
- PROPOSED ST
- PROPOSED PIPE WITH FES
- PROPOSED ROCK DISSIPATOR WITH FES
- PROPOSED RLC
- PROPOSED GLS
- PROPOSED BIKE PATH
- PROPOSED FENCING

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2

Drawing name: \\CDAData5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\34-35 SAW2B_EC1-EC2.dwg

REVISION			
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REGISTERED PROFESSIONAL ENGINEER DONALDO SICOSANA PALABRICA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

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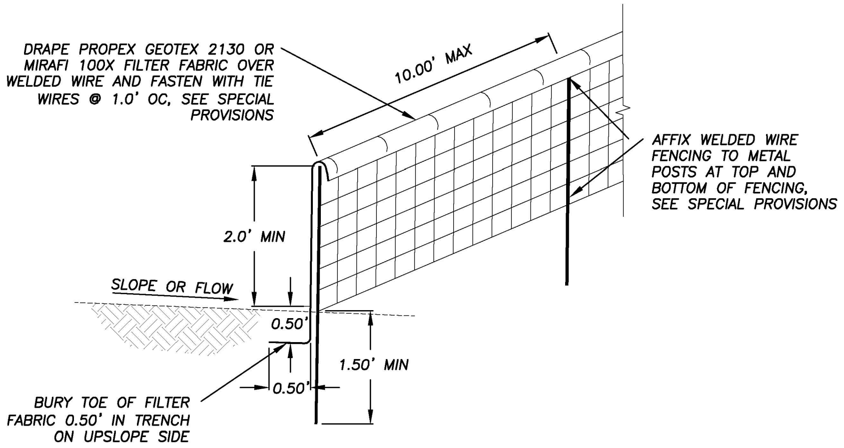
EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
TEMPORARY EROSION CONTROL
STA 76+00.00 TO STA 100+00.00

SHEET EC-2 28 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



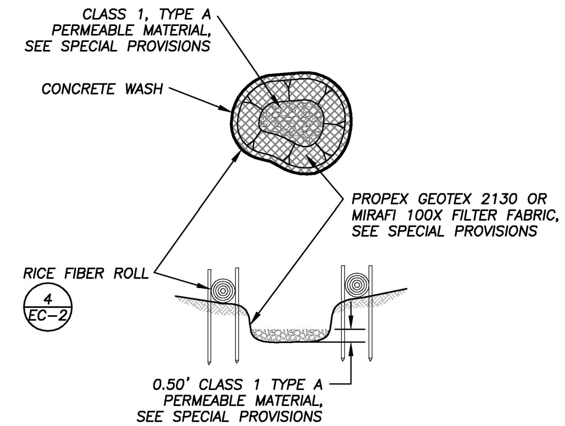
NOTES:

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

FILTER FENCE (FF)

1 / EC-3

NTS



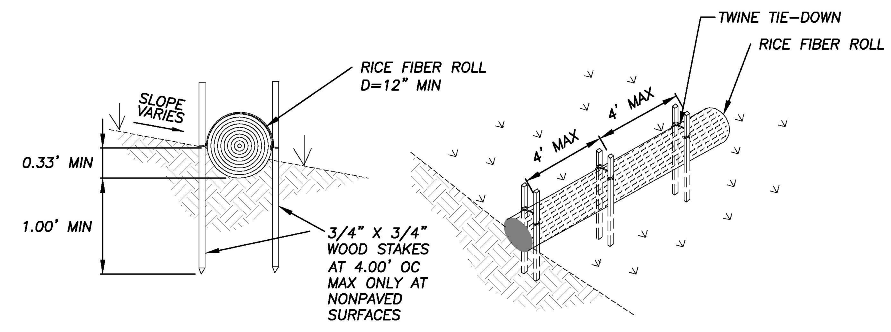
NOTE:

CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT WITHOUT OVERTOPPING BASIN.

TYPICAL CONCRETE WASH AREA

3 / EC-3

NTS



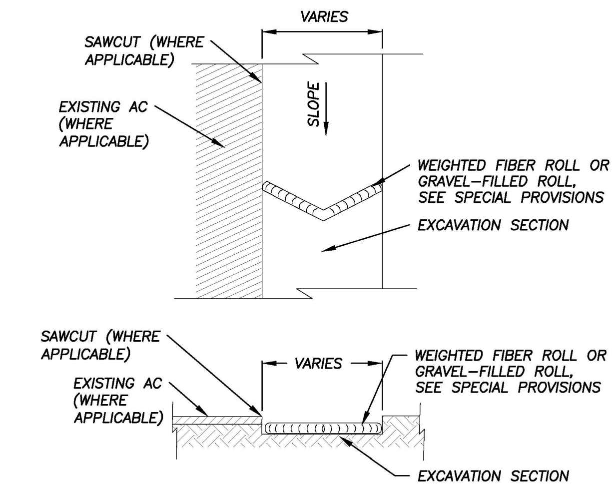
NOTE:

INSTALL RICE FIBER ROLL LEVEL ALONG CONTOUR.

TYPICAL RICE FIBER ROLL INSTALLATION

4 / EC-3

NTS



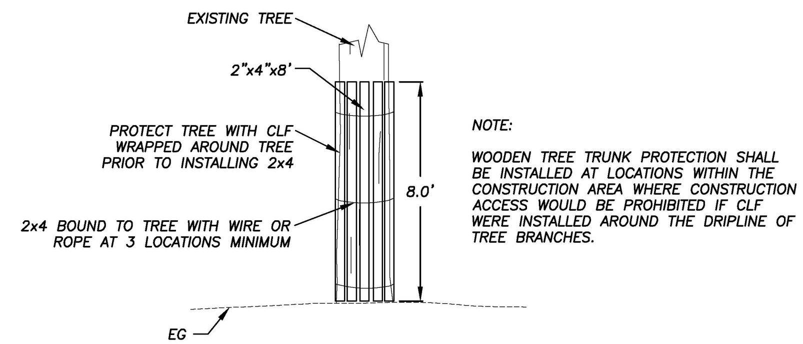
NOTE:

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

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS

7 / EC-3

NTS



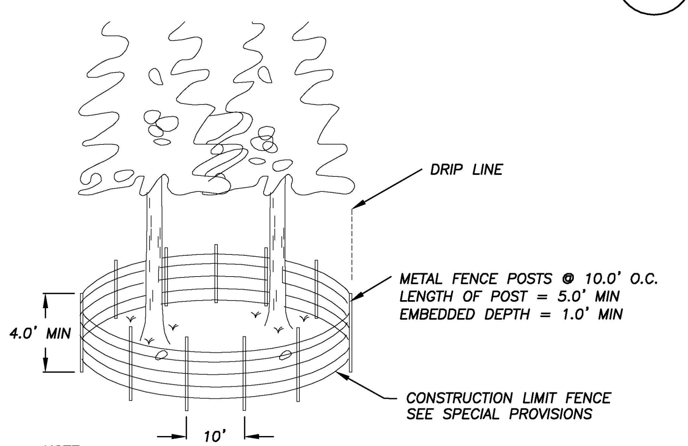
NOTE:

WOODEN TREE TRUNK PROTECTION SHALL BE INSTALLED AT LOCATIONS WITHIN THE CONSTRUCTION AREA WHERE CONSTRUCTION ACCESS WOULD BE PROHIBITED IF CLF WERE INSTALLED AROUND THE DRIPLINE OF TREE BRANCHES.

WOODEN TREE TRUNK PROTECTION

5 / EC-3

NTS



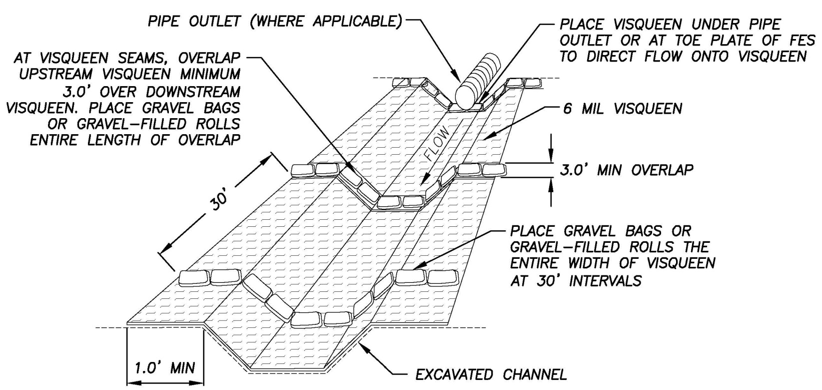
NOTE:

DETAIL ABOVE IS TYPICAL FOR SOME DRIPLINE LOCATIONS, CONSTRUCTION LIMIT FENCE SHALL BE STAKED IN THE FIELD BY ENGINEER.

CONSTRUCTION LIMIT FENCE (CLF)

8 / EC-3

NTS



VISQUEEN WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS

2 / EC-3

NTS

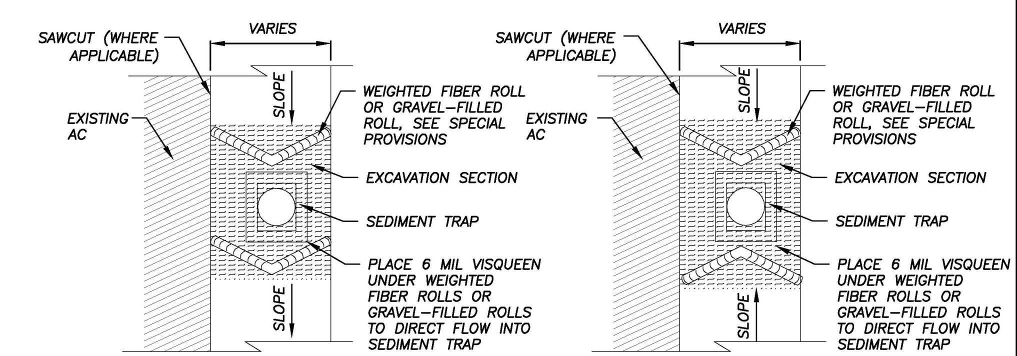
GENERAL NOTES:

1. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING FILTER FABRIC, WEIGHTED FIBER ROLLS, GRAVEL BAGS, VISQUEEN, GRAVEL-FILLED ROLLS, RICE FIBER ROLLS, AND FENCE POSTS.
2. SPACING INTERVALS FOR RICE FIBER ROLL OVER PIPE OUT OF PAVEMENT AND C&G SEDIMENT CONTROL SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.
3. LOCATIONS AND LF OF FILTER FENCE REQUIRED FOR THE STAGING AREAS ARE NOT SHOWN. THE CONTRACTOR IS TO INCLUDE THESE AREAS IN HIS TEMPORARY EROSION CONTROL PLAN SUBMITTAL.
4. LENGTHS OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS DETERMINED IN THE FIELD.

NOT USED

6 / EC-3

NTS



SEDIMENT TRAP INLET PROTECTION

9 / EC-3

NTS

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REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — DONALDO SICOSANA PALAROAN — No. 66083 — Exp. 06-30-16 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/28/2014 DATE:

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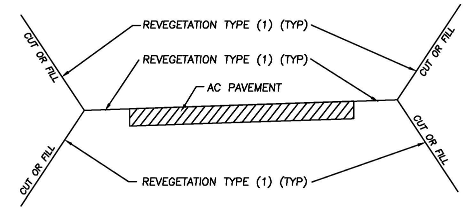
EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
TEMPORARY EROSION CONTROL DETAILS

SHEET EC-3
29 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192



TYPICAL ROADWAY REVEGETATION

NTS

SYMBOL LEGEND

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

DEFINITIONS

AMENDMENT – BIOSOL @600 LBS./ACRE (OR EQUAL).

BLANKET SLOPES – CF4 (OR EQUAL).

MULCH – TO BE APPLIED BY HAND OR WITH BLOWER EQUIPMENT.

HUMUS – TO BE BLENDED WITH SALVAGED SOIL.

TOPSOIL MIX – A BLEND OF SOIL SALVAGED FROM EXCAVATED AREAS (3 PARTS) WITH HUMUS (1 PART); SEE SPECIAL PROVISIONS.

TACKIFIER – CONTRACTOR SHALL APPLY WOOD–CELLULOSE FIBER MULCH/TACKIFIER OVER AREAS THAT RECEIVE MULCH; SEE SPECIAL PROVISIONS.

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. SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE SCARIFYING IS REQUIRED.

TYPE (2) – NOT USED.

TYPE (3) – NOT USED.
NOT USED.

TYPE (4) – NOT USED.

TYPE (5) – NOT USED.

TYPE (6) – SALVAGED SOD: CONTRACTOR TO PLACE SOD.

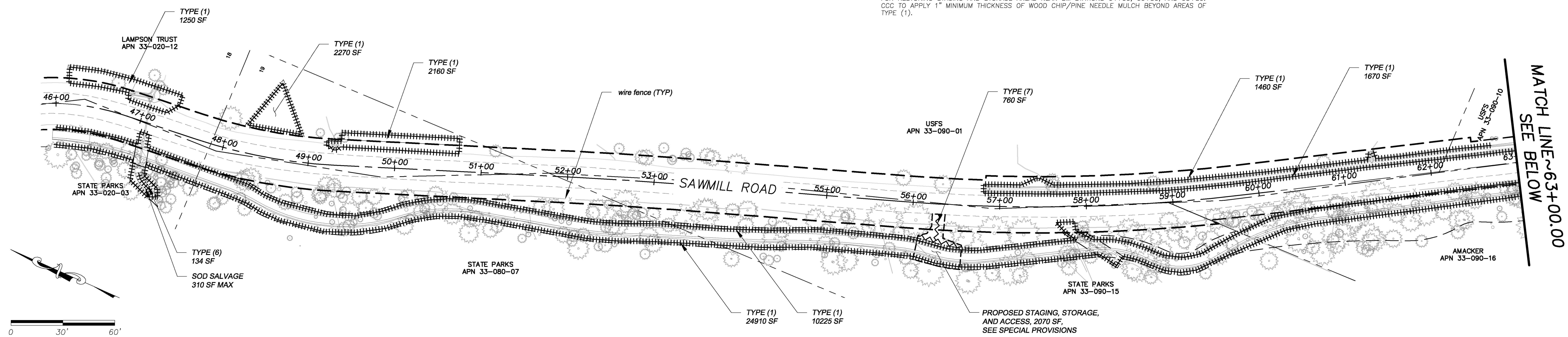
PROPAGATED SOD: CONTRACTOR TO INSTALL TRM AND APPLY 3" COMPACTED TOPSOIL MIX, CCC TO PLACE 1" PROPAGATED SOD MAT.

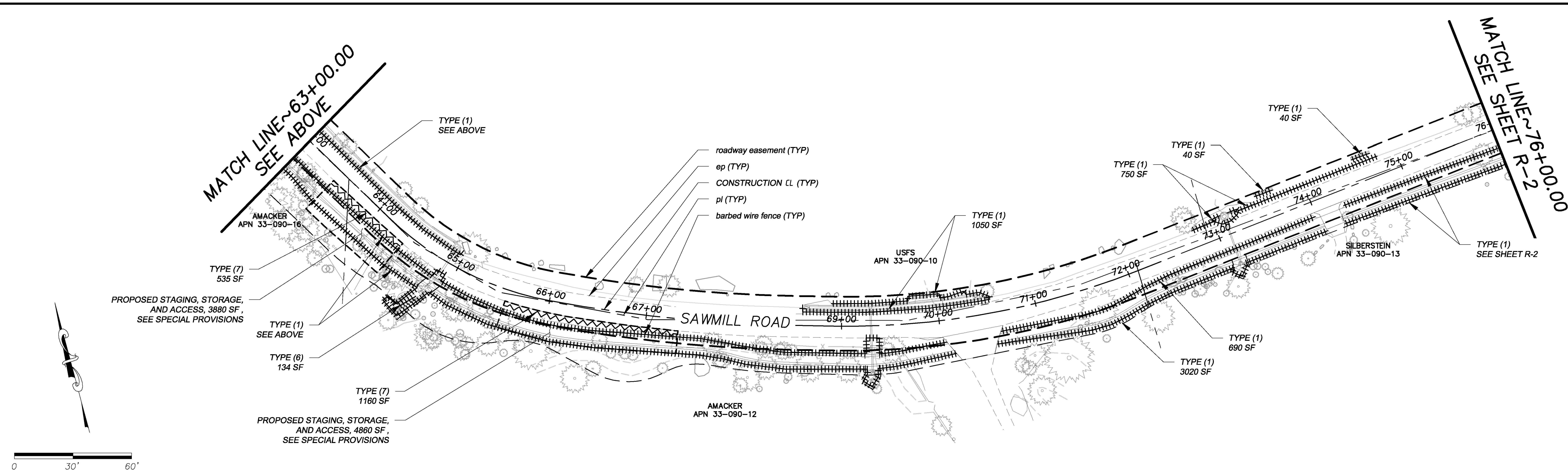
TYPE (7) – FOR RESTORING STAGING AND STORAGE AREAS NEAR SM STATIONS 56+30 AND 82+00: CONTRACTOR TO SCARIFY A MINIMUM OF 6", CCC TO APPLY 1" MINIMUM THICKNESS OF WOOD CHIP/PINE NEEDLE MULCH BEYOND AREAS OF TYPE (1).

FOR RESTORING STAGING AND STORAGE AREAS NEAR SM STATIONS 64+00, 66+50, AND 95+80: CCC TO APPLY 1" MINIMUM THICKNESS OF WOOD CHIP/PINE NEEDLE MULCH BEYOND AREAS OF TYPE (1).

NOTES

1. REVEGETATION TYPE (1) FOR AREAS ADJACENT TO EDGE OF PAVEMENT, ROAD SHOULDERING, DISTURBED AREAS ADJACENT TO IMPROVEMENTS, MISCELLANEOUS GRADING, UNLESS NOTED OTHERWISE.
2. REVEGETATION TYPE (6) FOR MODIFIED GRASS–LINED SWALES.
3. AMENDMENT AND MULCH SHALL 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. CONTRACTOR SHALL SALVAGE AND TRANSPLANT WILLOW CLUMPS PER THE PLANS AND SPECIAL PROVISIONS. SPECIFIC TRANSPLANTING LOCATIONS WILL BE DIRECTED BY THE ENGINEER IN THE FIELD OR SHOWN ON THE PLANS.
6. SEE PLANS SHEETS AND SPECIAL PROVISIONS FOR SOD AND SOIL SALVAGE LOCATIONS AND QUANTITIES.
7. SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE SCARIFYING IS REQUIRED PRIOR TO REVEGETATION TREATMENT.





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No. 66083
Exp. 06–30–16
CIVIL
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DATE: 05/28/2014

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EL DORADO COUNTY CALIFORNIA

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
REVEGETATION PLAN
STA 46+00.00 TO STA 76+00.00

SHEET R–1
30 OF 35
CONTRACT NO. PW 11–30593
CIP NO. 95192

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS
0 1 2

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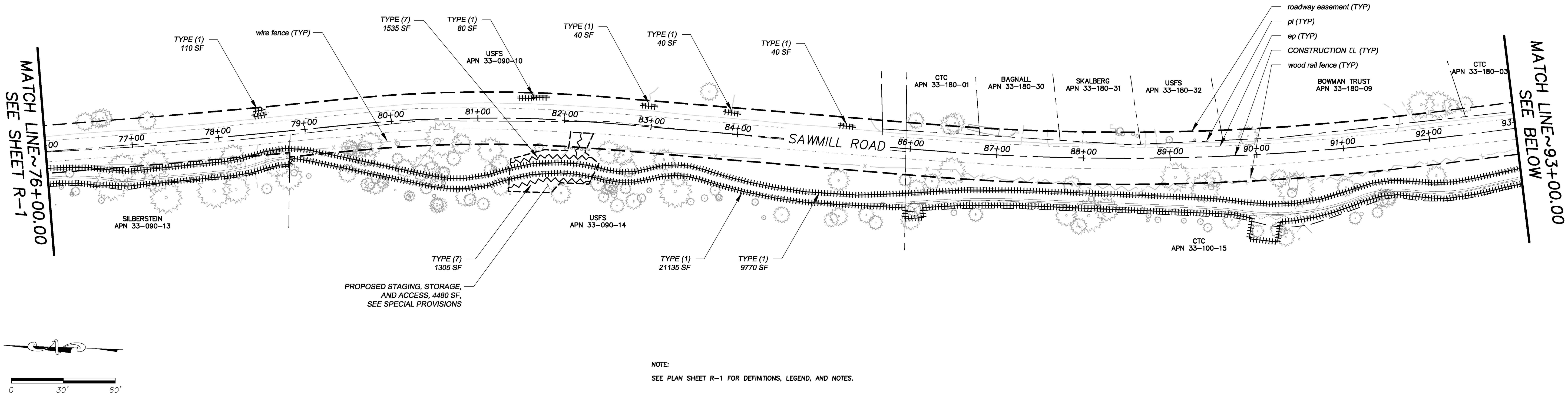
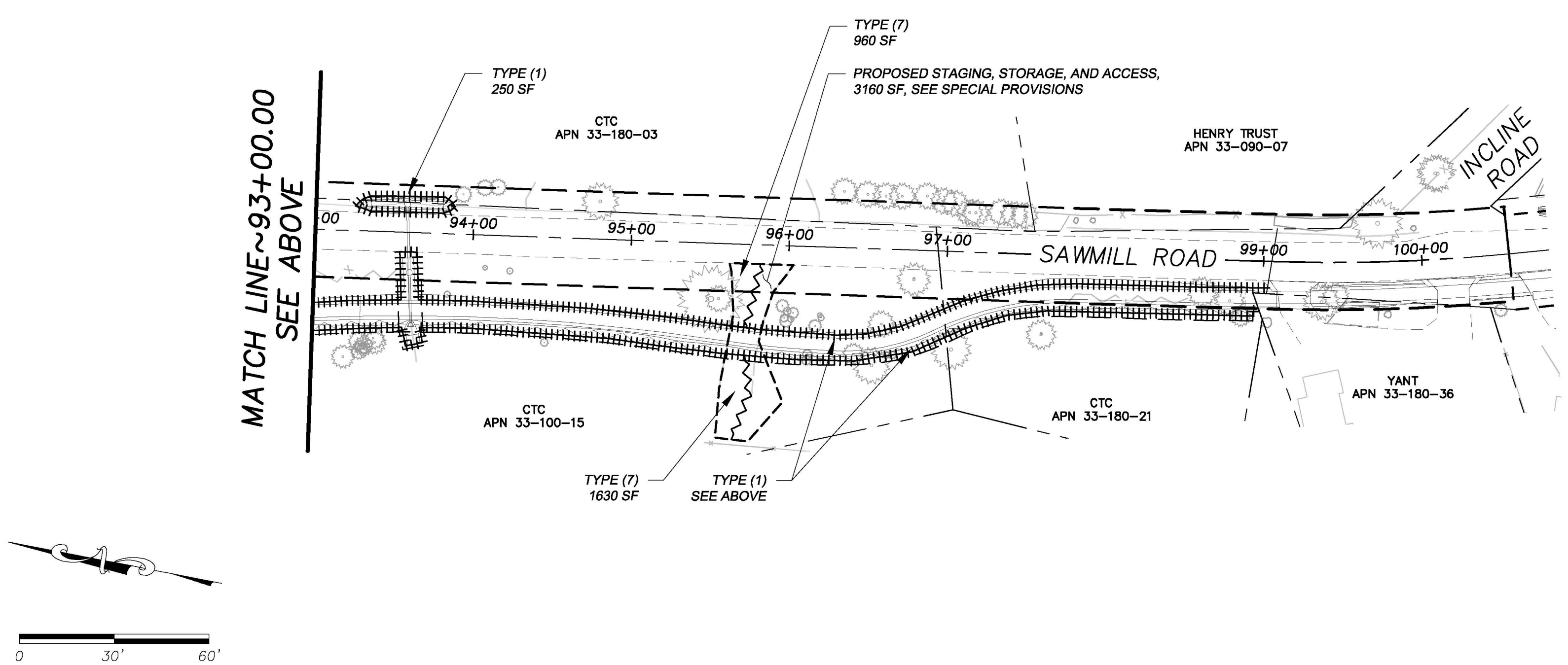


NOTE:

SEE PLAN SHEET R-1 FOR DEFINITIONS, LEGEND, AND NOTES.



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SAWMILL 2B BIKE PATH AND ECP
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SHEET R-2
31 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

0 1 2

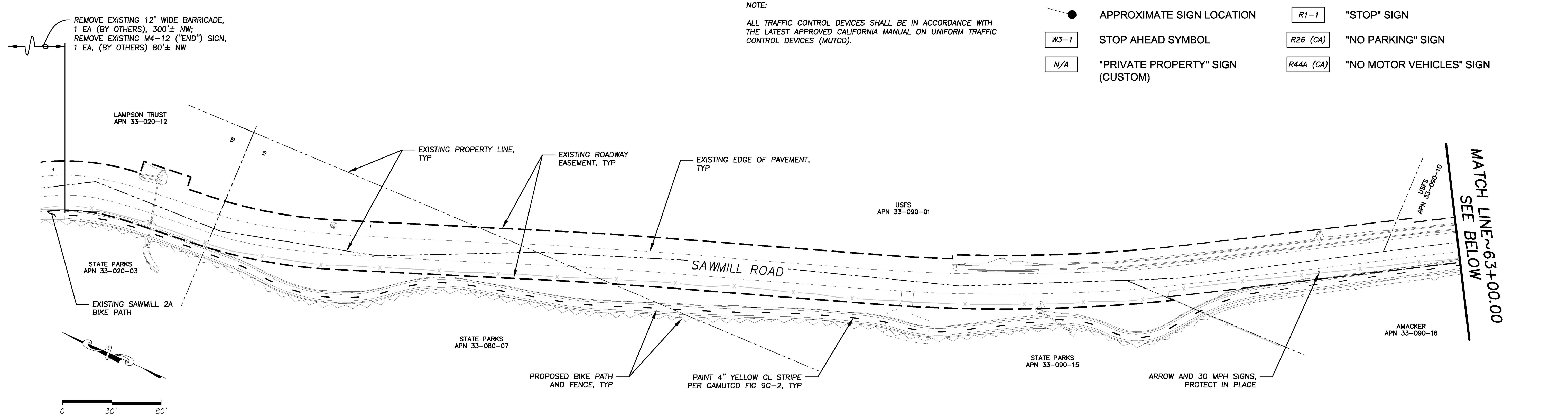
Drawing name: \\CDAData5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\37-38 SAW2B_R1-R2.dwg

LEGEND

●	APPROXIMATE SIGN LOCATION	R1-1	"STOP" SIGN
W3-1	STOP AHEAD SYMBOL	R26 (CA)	"NO PARKING" SIGN
N/A	"PRIVATE PROPERTY" SIGN (CUSTOM)	R44A (CA)	"NO MOTOR VEHICLES" SIGN

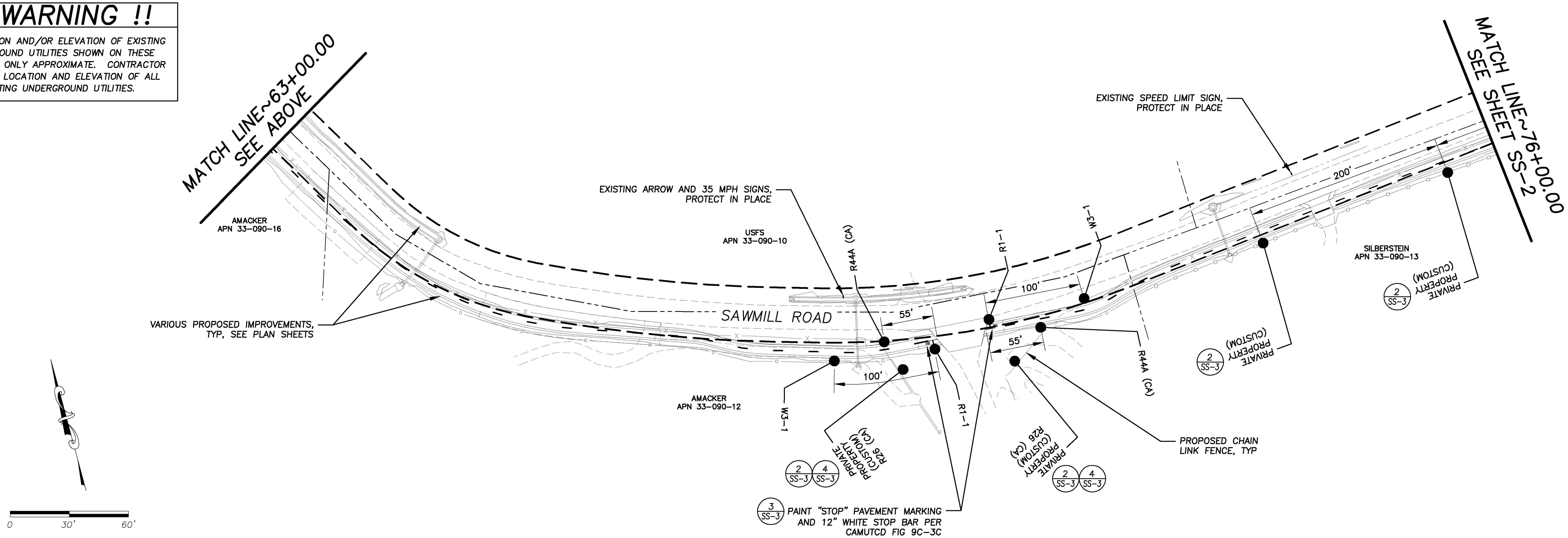
NOTE:

ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



!! 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.



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0 1 2 ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS

REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER DONALDO SICOSANA PALABRICA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER DATE: 05/28/2014

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
STRIPING AND SIGNING PLAN
STA 46+00.00 TO STA 76+00.00

SHEET SS-1
32 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

!! WARNING !!

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NOTE:

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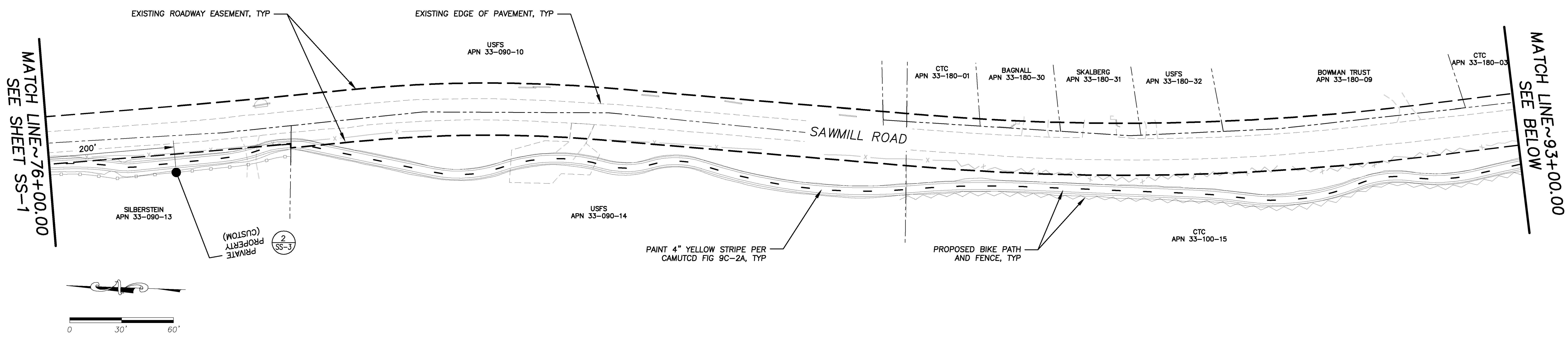
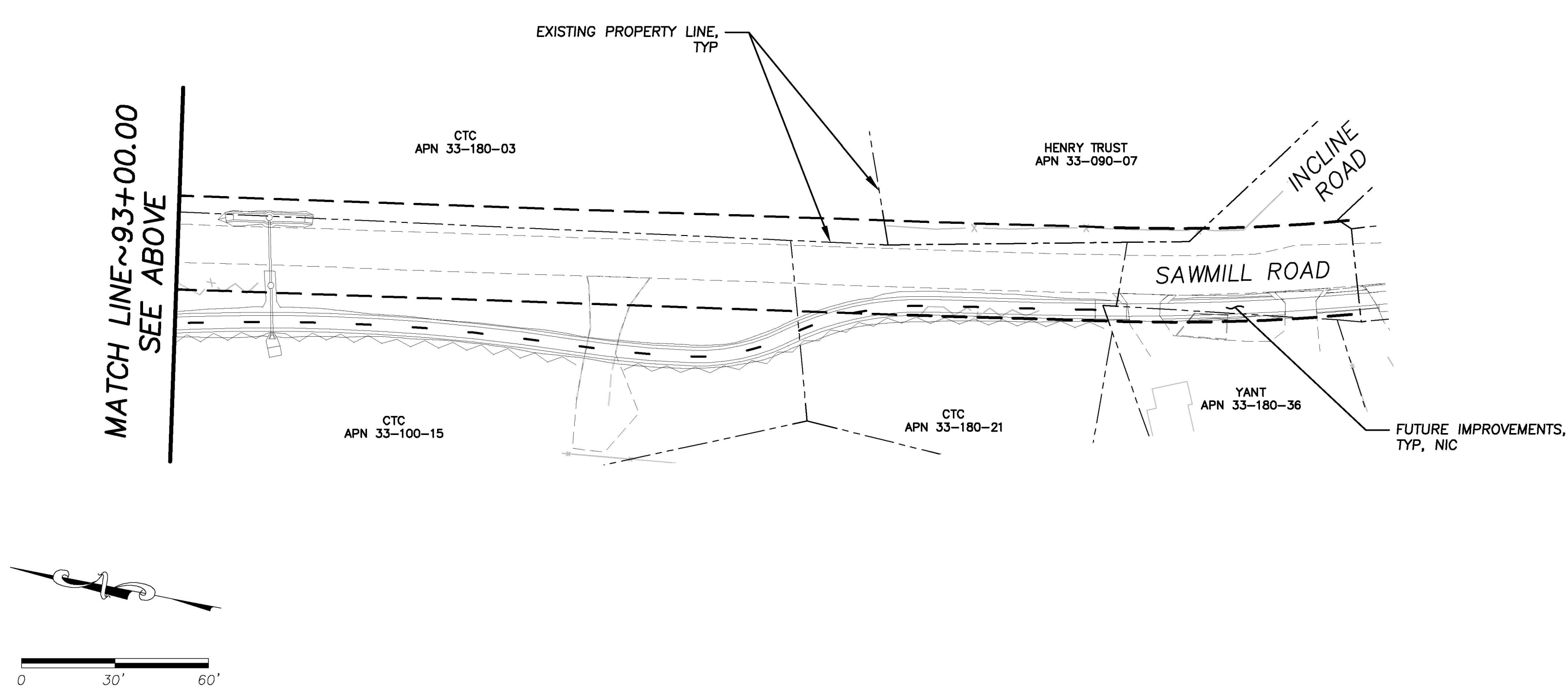
LEGEND

●	APPROXIMATE SIGN LOCATION	R1–1	"STOP" SIGN
W3–1	STOP AHEAD SYMBOL	R26 (CA)	"NO PARKING" SIGN
N/A	"PRIVATE PROPERTY" SIGN (CUSTOM)	R44A (CA)	"NO MOTOR VEHICLES" SIGN





REVISION			
NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
DONALDO SICOSANA PALAROAN
No. 66083
Exp. 06–30–16
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/28/2014
DATE:

DESIGNED: ALD	DRAWN: ALD
CHECKED: DSP	DATE: 05/2014
ROAD NUMBER: ---	

EL DORADO COUNTY CALIFORNIA

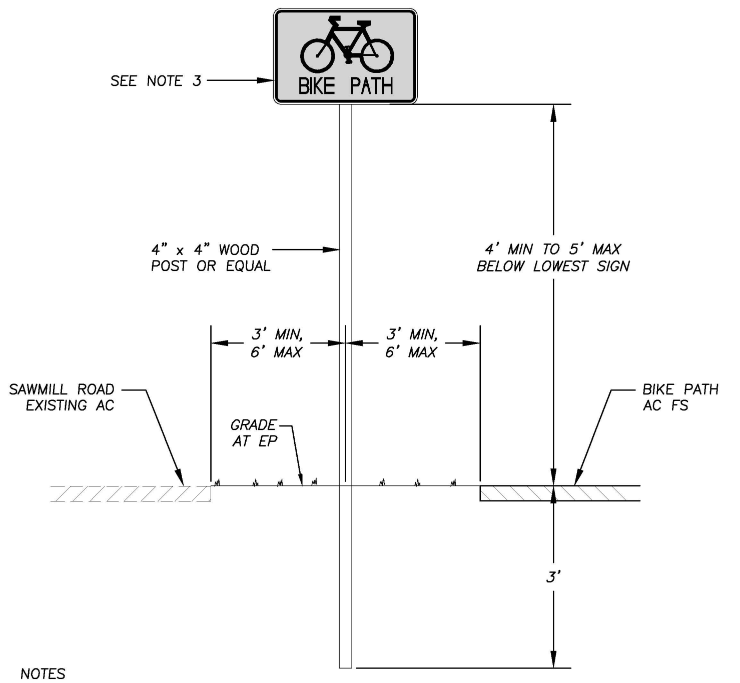
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
STRIPING AND SIGNING PLAN
STA 76+00.00 TO STA 100+00.00

SHEET
SS–2
33 OF 35
CONTRACT NO.
PW 11–30593
CIP NO.
95192

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\39-41 SAW2B_SS1-SS3.dwg

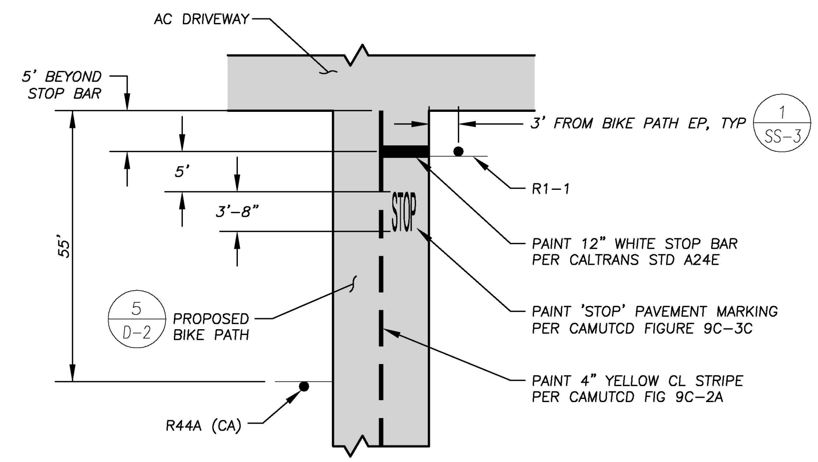


NOTES

1. THE PRIVATE PROPERTY AND R26 (CA) SIGNS SHALL BE INSTALLED ON THE PROPOSED CHAIN LINK FENCE AND WILL NOT REQUIRE POSTS.
2. SIGN PANELS TO BE BOLTED TO POST WITH 2 1/4" CARRIAGE BOLT WITH ADAPTER RING NEOPRENE WASHER & THEFT PROOF NUT: HAWKINS MODEL M2G-214UP-TP OR EQUAL.
3. ANY SIGNS ON THIS DETAIL ARE SHOWN FOR INFORMATION PURPOSES ONLY. SEE PLAN SHEETS SS-1 AND SS-2 AND TABLE ON THIS SHEET FOR ACTUAL TYPES TO BE INSTALLED.
4. SEE SHEETS SS-1 AND SS-2 FOR LOCATIONS AND INSTALLATION OF ROADWAY SIGNS TO BE REMOVED AND REPLACED AS SHOWN ON THE PLANS; SEE SPECIAL PROVISIONS.

BIKE PATH SIGN INSTALLATION — 1 / SS-3

NTS



PAVEMENT MARKING AND STOP BAR — 3 / SS-3

NTS

!! WARNING !!

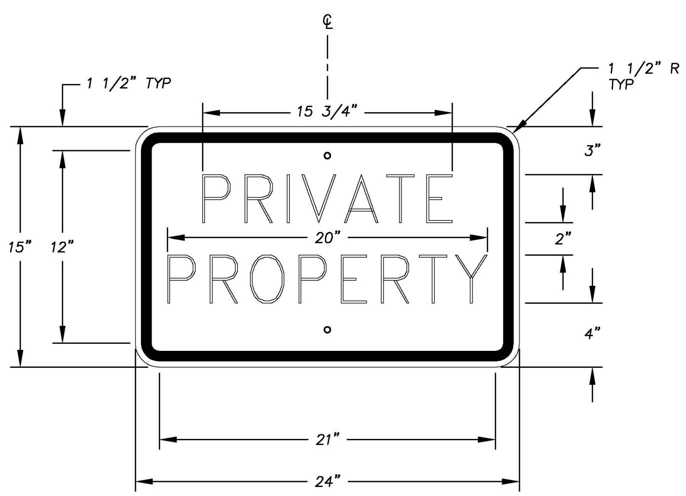
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

BIKE PATH SIGNS					
SIGN CODE	SIGN MESSAGE AND DESCRIPTION	SIGN SIZE	QTY	SIGN COLORS	RETROREFLECTIVE ASTM TYPE*
W3-1	STOP AHEAD SYMBOL	18"x18"	2	RED/BLACK ON YELLOW	III
N/A**	"PRIVATE PROPERTY" SIGN	24"x15"	5	BLACK ON WHITE	III
R1-1	"STOP" SIGN	18"x18"	2	WHITE ON RED	III
R26 (CA)	"NO PARKING" SIGN	12"x18"	2	RED ON WHITE	III
R44A (CA)	"NO MOTOR VEHICLES" SIGN	12"x24"	2	BLACK ON WHITE	III

* ASTM DESIGNATION APPLIES TO ALL COLORS ON SIGN. BLACK SHALL BE NON-REFLECTIVE.

** CUSTOM PRIVATE PROPERTY SIGN IS BASED ON R25 (CA) "PARK OFF PAVEMENT" SIGN.

NOTE: THE BACKS OF ALL SIGNS SHALL BE CLEANED, SANDED AND PRIMED, THEN PAINTED WITH THE FOLLOWING TRPA APPROVED COLOR: FEDERAL STANDARD 595 COLOR FS 30059, OR APPROVED EQUAL.

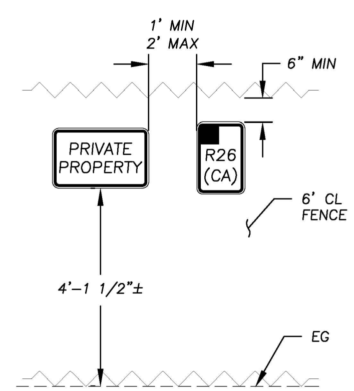


NOTES

1. THIS SIGN IS BASED ON THE R25 (CA) (PARK OFF PAVEMENT) SIGN.
2. LETTER SIZE SERIES AND STROKE WIDTH SHALL BE 3D-.54.
3. BOLT HOLES (2) SHALL BE 3/8" DIAMETER.
4. SEE BIKE PATH SIGN TABLE FOR ADDITIONAL SIGN INFORMATION.

PRIVATE PROPERTY SIGN — 2 / SS-3

NTS



SIGN INSTALLATION AT CHAIN LINK FENCE — 4 / SS-3

NTS

Drawing name: \\CDAData\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\MPLAN\39-41 SAW2B_SS1-SS3.dwg

ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS 0 1 2

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER DONALDO SICOSANA PALARCA No. 66083 Exp. 06-30-16 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER 05/28/2014 DATE:

DESIGNED: ALD DRAWN: ALD CHECKED: DSP DATE: 05/2014 ROAD NUMBER: ---

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
STRIPING AND SIGNING PLAN
DETAILS

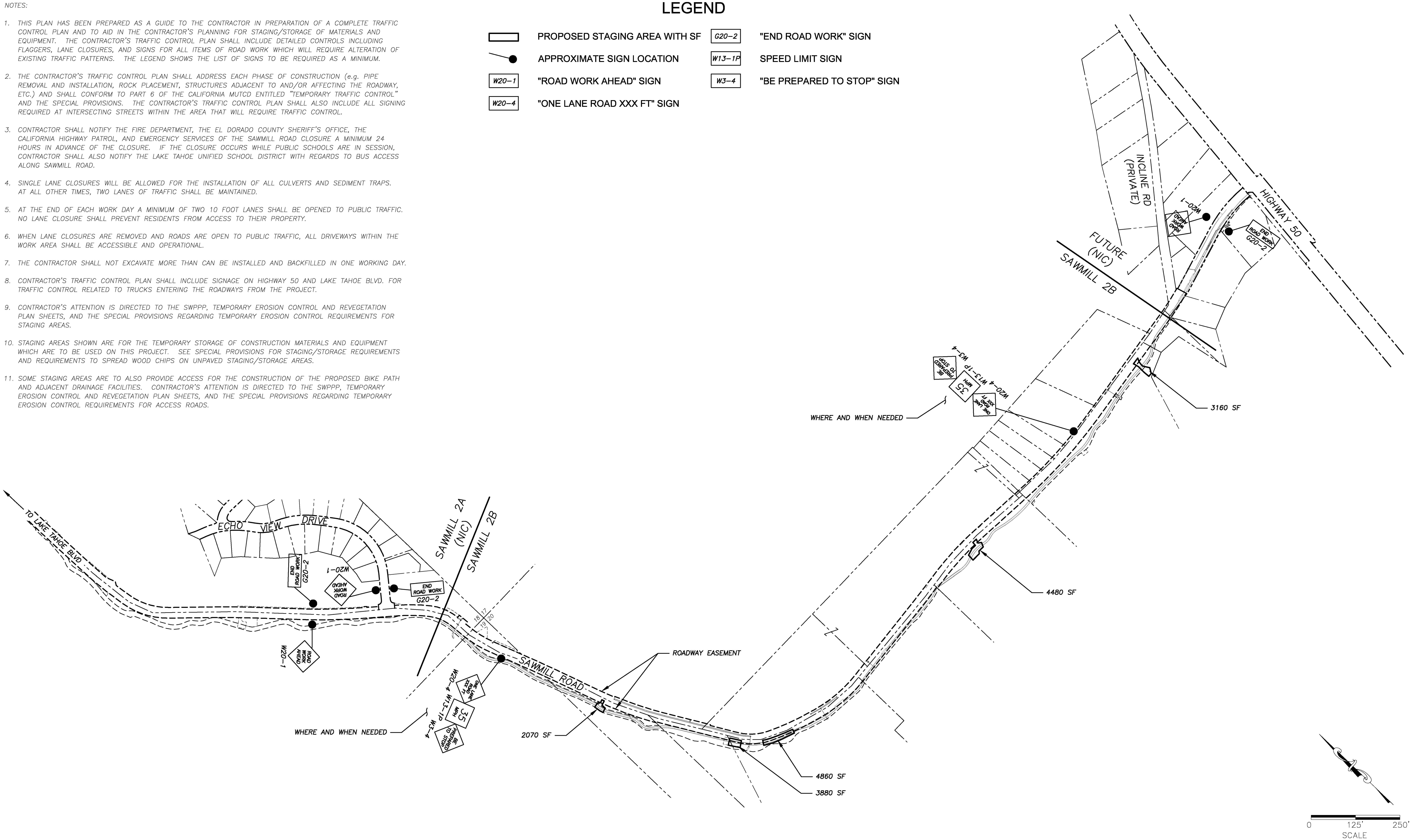
SHEET SS-3 34 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192

NOTES:

1. THIS PLAN HAS BEEN PREPARED AS A GUIDE TO THE CONTRACTOR IN PREPARATION OF A COMPLETE TRAFFIC CONTROL PLAN AND TO AID IN THE CONTRACTOR'S PLANNING FOR STAGING/STORAGE OF MATERIALS AND EQUIPMENT. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL 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. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. PIPE REMOVAL AND INSTALLATION, ROCK PLACEMENT, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND SHALL CONFORM TO PART 6 OF THE CALIFORNIA MUTCD ENTITLED "TEMPORARY TRAFFIC CONTROL" AND THE SPECIAL PROVISIONS. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
3. CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT, THE EL DORADO COUNTY SHERIFF'S OFFICE, THE CALIFORNIA HIGHWAY PATROL, AND EMERGENCY SERVICES OF THE SAWMILL ROAD CLOSURE A MINIMUM 24 HOURS IN ADVANCE OF THE CLOSURE. IF THE CLOSURE OCCURS WHILE PUBLIC SCHOOLS ARE IN SESSION, CONTRACTOR SHALL ALSO NOTIFY THE LAKE TAHOE UNIFIED SCHOOL DISTRICT WITH REGARDS TO BUS ACCESS ALONG SAWMILL ROAD.
4. SINGLE LANE CLOSURES WILL BE ALLOWED FOR THE INSTALLATION OF ALL CULVERTS AND SEDIMENT TRAPS. AT ALL OTHER TIMES, TWO LANES OF TRAFFIC SHALL BE MAINTAINED.
5. AT THE END OF EACH WORK DAY A MINIMUM OF TWO 10 FOOT LANES SHALL BE OPENED TO PUBLIC TRAFFIC. NO LANE CLOSURE SHALL PREVENT RESIDENTS FROM ACCESS TO THEIR PROPERTY.
6. WHEN LANE CLOSURES ARE REMOVED AND ROADS ARE OPEN TO PUBLIC TRAFFIC, ALL DRIVEWAYS WITHIN THE WORK AREA SHALL BE ACCESSIBLE AND OPERATIONAL.
7. THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
8. CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE SIGNAGE ON HIGHWAY 50 AND LAKE TAHOE BLVD. FOR TRAFFIC CONTROL RELATED TO TRUCKS ENTERING THE ROADWAYS FROM THE PROJECT.
9. CONTRACTOR'S ATTENTION IS DIRECTED TO THE SWPPP, TEMPORARY EROSION CONTROL AND REVEGETATION PLAN SHEETS, AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
10. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT. SEE SPECIAL PROVISIONS FOR STAGING/STORAGE REQUIREMENTS AND REQUIREMENTS TO SPREAD WOOD CHIPS ON UNPAVED STAGING/STORAGE AREAS.
11. SOME STAGING AREAS ARE TO ALSO PROVIDE ACCESS FOR THE CONSTRUCTION OF THE PROPOSED BIKE PATH AND ADJACENT DRAINAGE FACILITIES. CONTRACTOR'S ATTENTION IS DIRECTED TO THE SWPPP, TEMPORARY EROSION CONTROL AND REVEGETATION PLAN SHEETS, AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR ACCESS ROADS.

LEGEND

(box)	PROPOSED STAGING AREA WITH SF	G20-2	"END ROAD WORK" SIGN
(dot)	APPROXIMATE SIGN LOCATION	W13-1P	SPEED LIMIT SIGN
W20-1	"ROAD WORK AHEAD" SIGN	W3-4	"BE PREPARED TO STOP" SIGN
W20-4	"ONE LANE ROAD XXX FT" SIGN		



ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS
0 1 2

Drawing name: \\CDAData5\TD-SLT-Engineering\CIVIL 3D PROJECTS\95192\Engineering\PLAN\42 SAW2B_T1.dwg

NUMBER	DATE	DESCRIPTION	BY
REVISION			

REGISTERED PROFESSIONAL ENGINEER · DONALDO SICOSANA PALARAM · No. 66083 · Exp. 06-30-16 · CIVIL · STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE: 05/28/2014

DESIGNED: ALD	DRAWN: ALD
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COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

SAWMILL 2B BIKE PATH AND ECP
TRAFFIC CONTROL PLAN

SHEET T-1
35 OF 35
CONTRACT NO. PW 11-30593
CIP NO. 95192