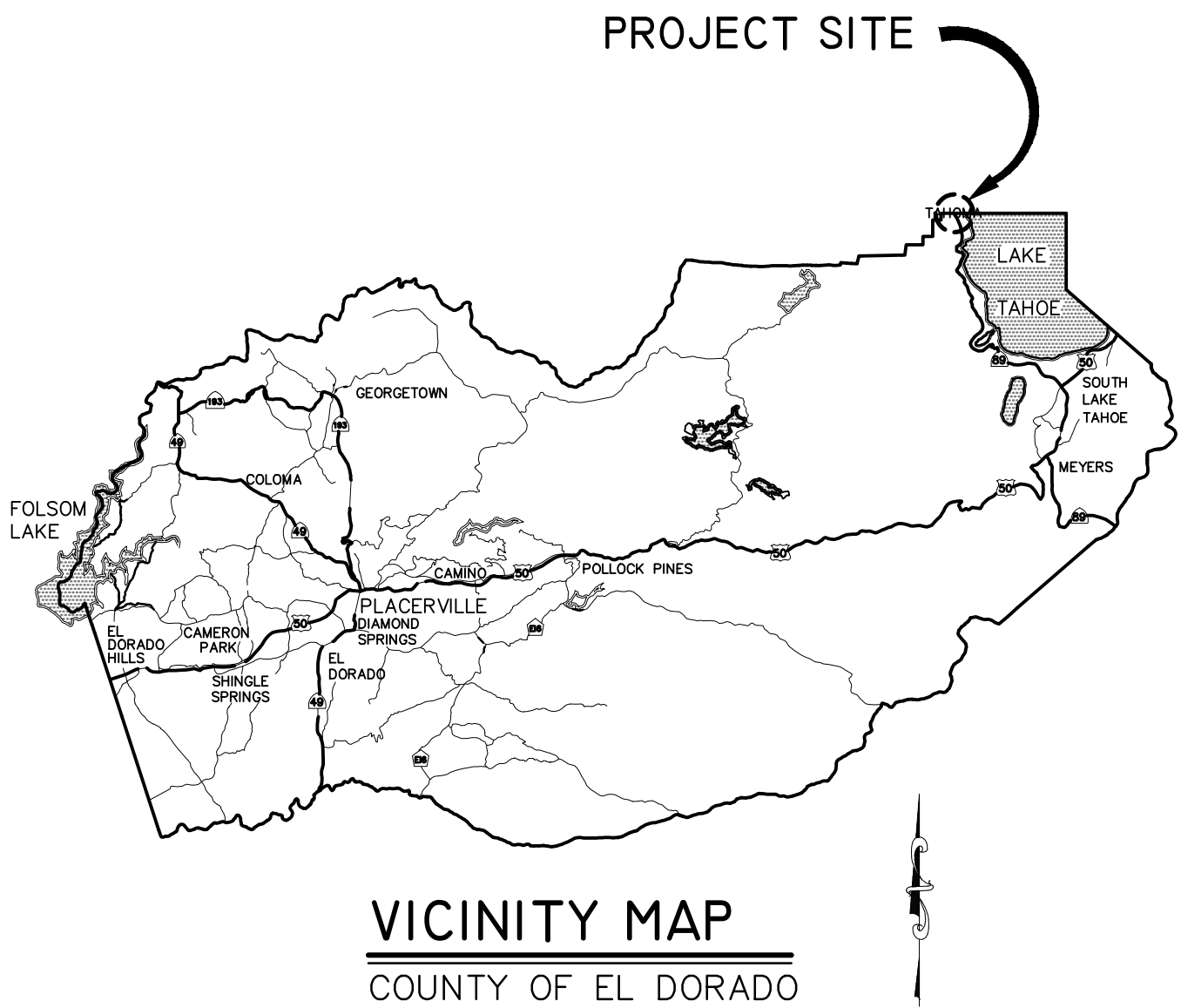


COUNTY OF EL DORADO, CA
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

PROJECT PLANS FOR THE CONSTRUCTION OF THE 2014
CSA 5 UPPER AREA
EROSION CONTROL PROJECT

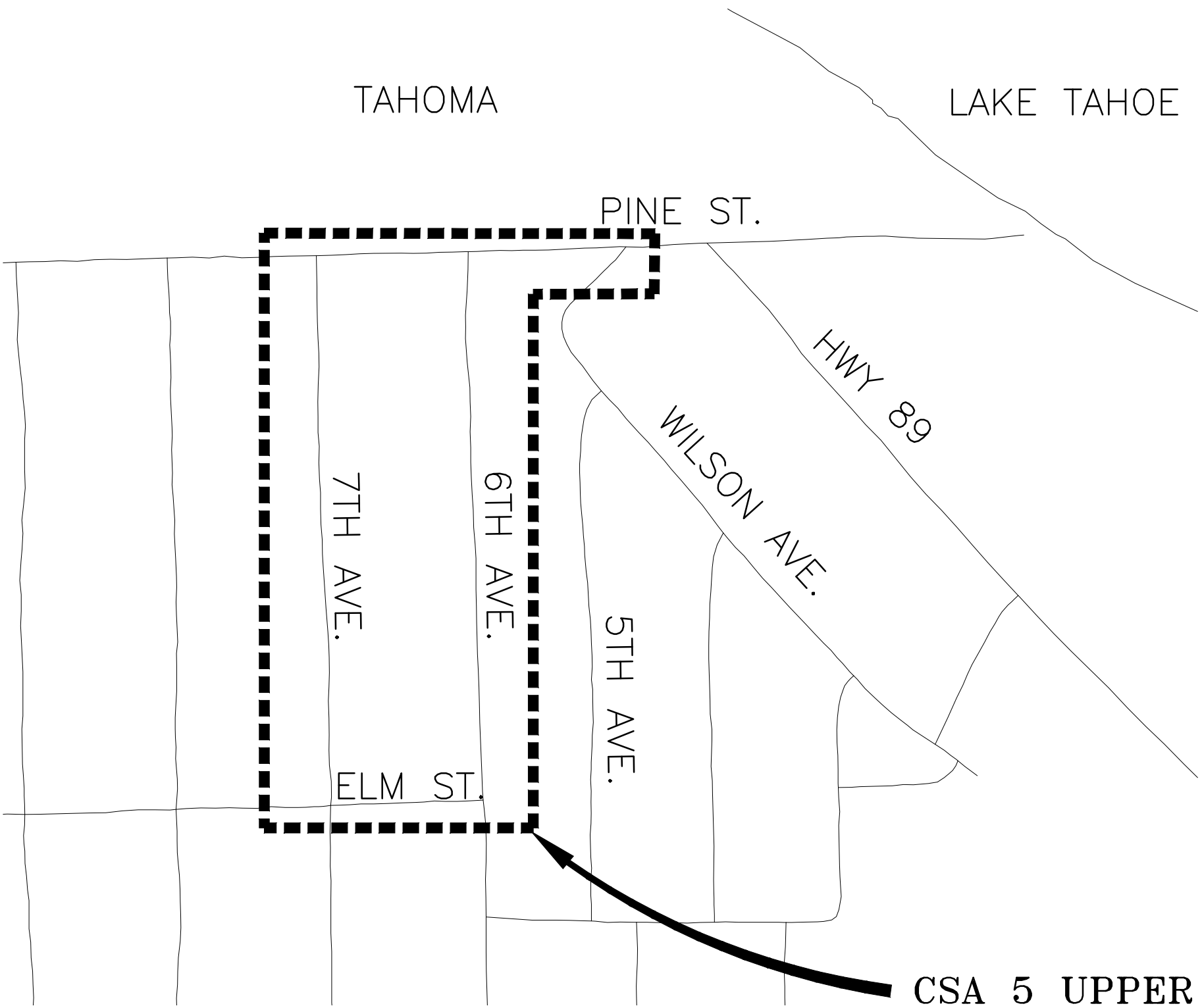
IN THE COUNTY OF EL DORADO, DISTRICT 5,
PORTION OF NORTHWEST 1/4 SEC 17, T14N, R17E, MDB&M



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

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3	iii	SHEET INDEX
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5	P-1	7TH AVE. STORM DRAIN PLAN AND PROFILE
6	P-2	6TH AVE. STORM DRAIN PLAN AND PROFILE
7	P-3	PINE ST. STORM DRAIN PLAN AND PROFILE
8	X-1	X-SECTIONS
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10	D-1	DETAILS
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13	EC-1	TEMPORARY EROSION CONTROL PLAN
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15	T-1	TRAFFIC CONTROL PLAN
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CSA 5 UPPER AREA
EROSION CONTROL PROJECT

LOCATION MAP

NTS

FUNDING AGENCY

CALIFORNIA TAHOE CONSERVANCY

BOARD OF SUPERVISORS
RON "MIK" MIKULACO
RAY NUTTING
BRIAN K. VEERKAMP
RON BRIGGS
NORMA SANTIAGO

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION
(530) 573-7900 924 B
EMERALD BAY ROAD
SOUTH LAKE TAHOE, CA
96150

ADOPTED AND APPROVED BY:
NORMA SANTIAGO
CHAIR, BOARD OF SUPERVISORS, COUNTY OF EL DORADO
STEVEN M. PERRETTI
DIRECTOR, COMMUNITY DEVELOPMENT AGENCY, COUNTY OF EL DORADO
JOHN KAHLING P.E. STATE OF CALIFORNIA NO. 52426
COMMUNITY DEVELOPMENT AGENCY, COUNTY OF EL DORADO
DEPUTY DIRECTOR TRANSPORTATION DIVISION

CONTRACT NO. PW 13-30701, CIP NO. 95196
CSA 5 UPPER AREA EROSION
CONTROL PROJECT

TITLE SHEET

SHEET 1 OF 16

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

REVISIONS

MARK	DATE	BY



SUBMITTED BY: DANIEL W. KIKKERT P.E.
SENIOR CIVIL ENGINEER
STATE OF CALIFORNIA NO. 70168
DATE 6/4/14

FOR REDUCED PLANS 0 1 2 ORIGINAL SCALE IS IN INCHES

FOR REDUCED PLANS 0 1 2 ORIGINAL SCALE IS IN INCHES

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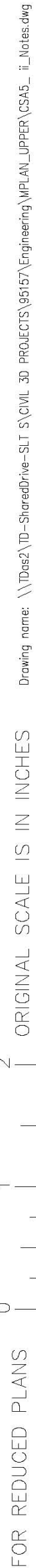
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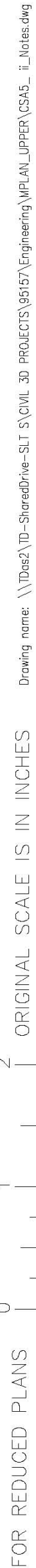


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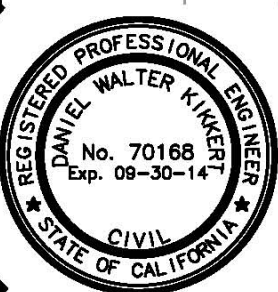
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REVISION			
NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 6/4/14

DESIGNED: DWK	DRAWN: KIS
CHECKED: DWK	DATE: 6/2/14
ROAD NUMBER:	



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

CSA 5 UPPER AREA EROSION CONTROL PROJECT
SHEET INDEX

SHEET
iii
3 of 16
CONTRACT NO.
PW 13-30701
CIP No.
95196



NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(125)	40+00	40+18.61	LINE	18.61	-----	S89°11'51"E	-----	2159973.42	7092482.90	2159973.10	7092501.50
(126)	40+18.61	40+33.64	LINE	15.03	-----	S82°34'15"E	-----	2155971.16	7092501.50	2155971.16	7092518.53
(127)	40+33.64	41+16.21	LINE	82.57	-----	N83°59'04"E	-----	2155971.16	7092518.53	2155971.16	7092518.53

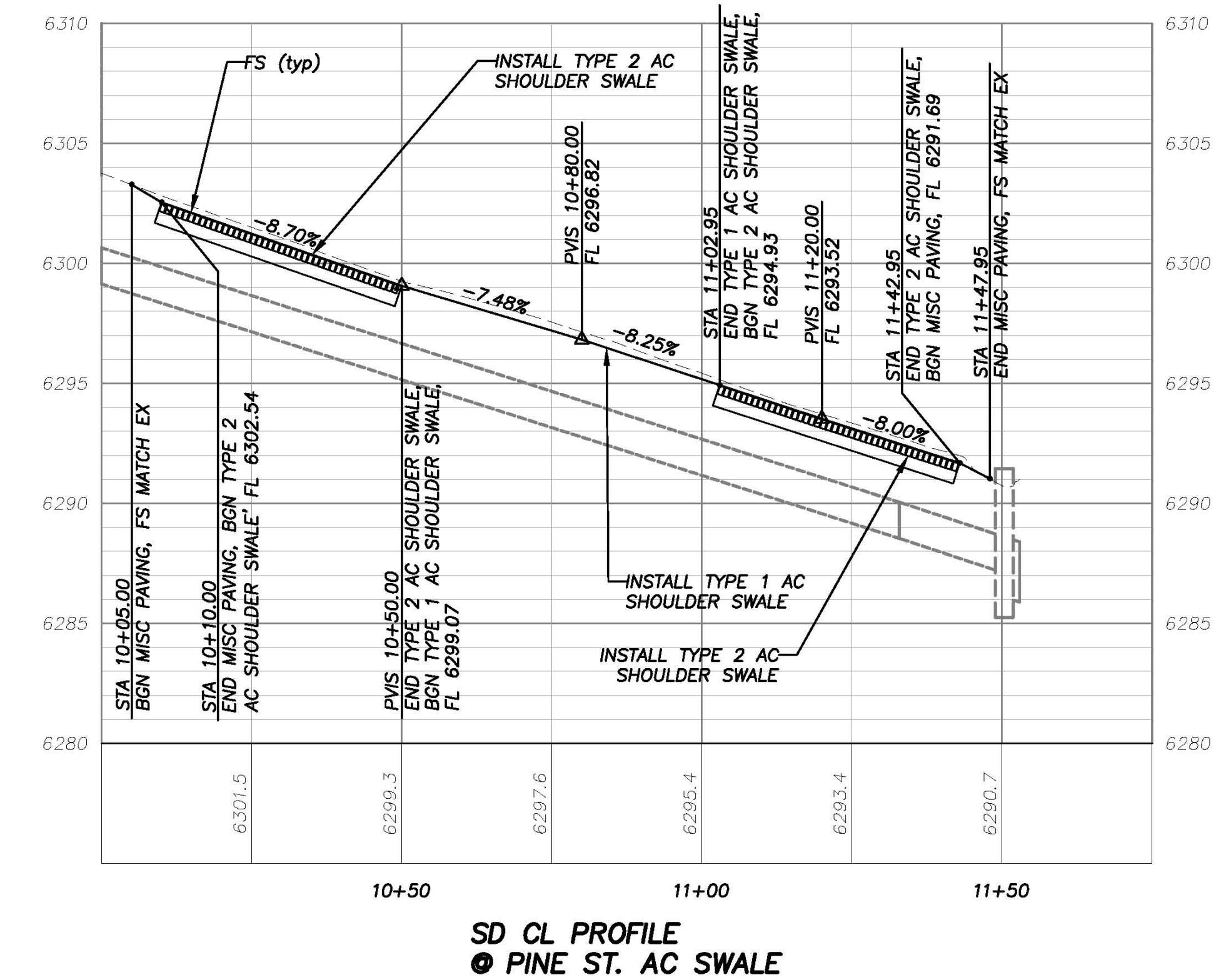
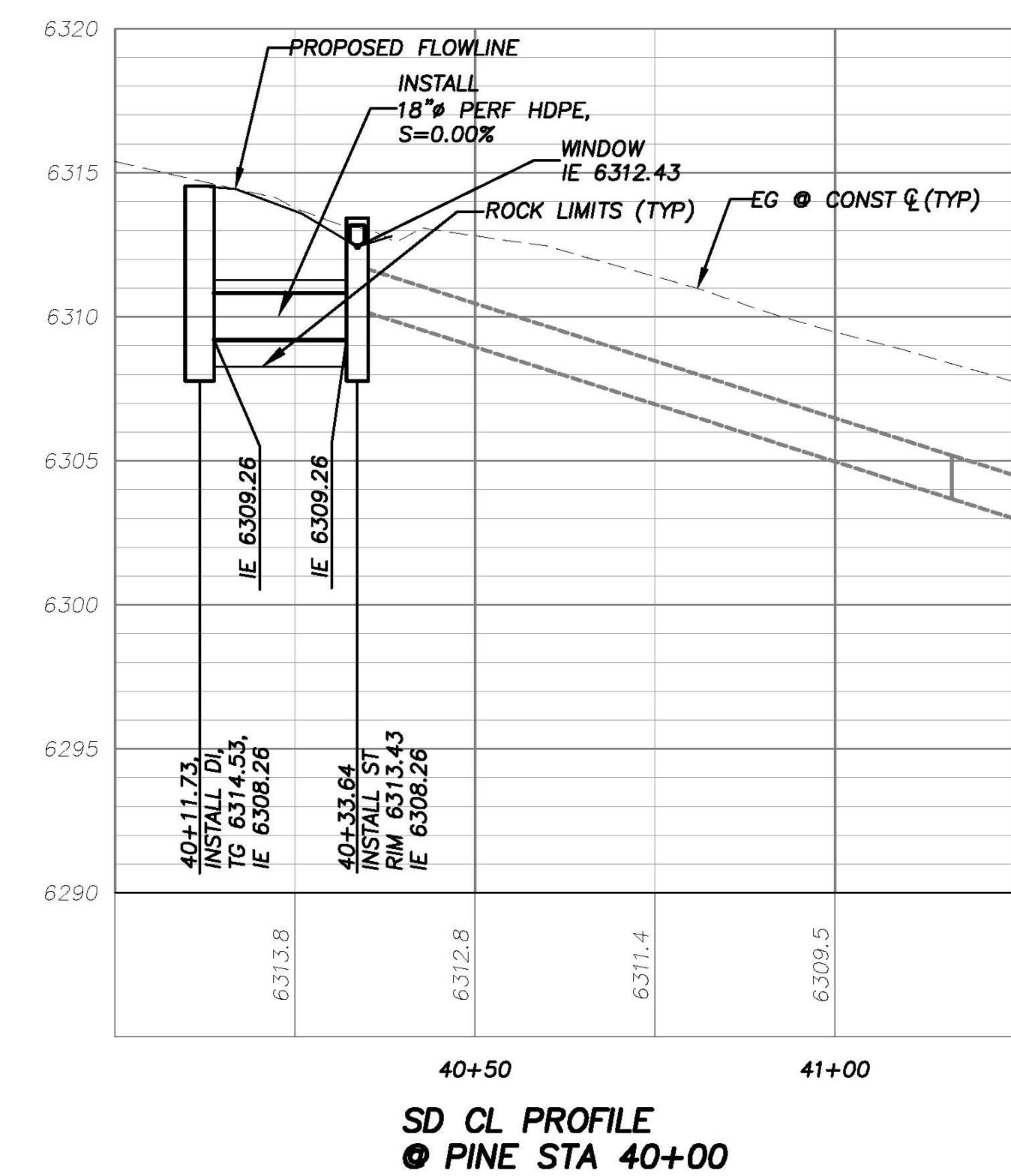
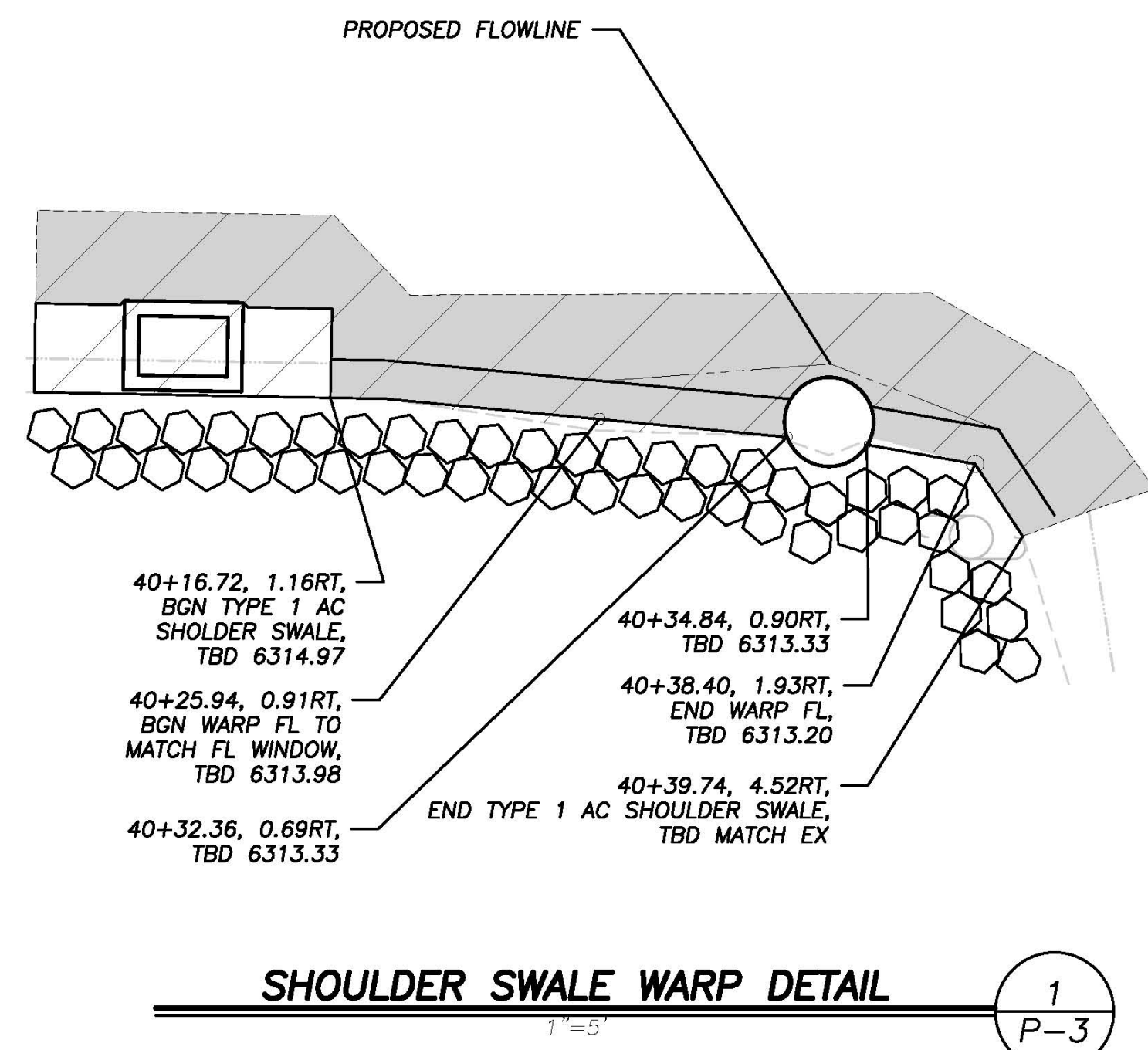
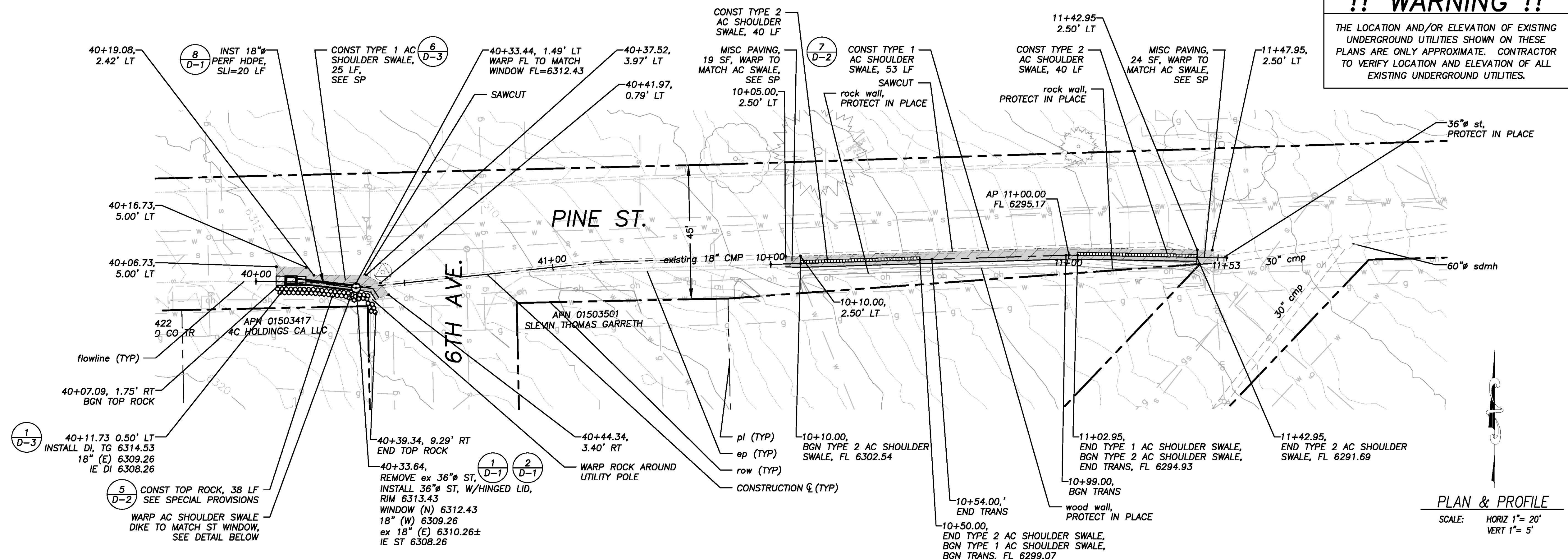
HORIZONTAL DATUM
BASIS OF BEARING FOR SURVEY CONTROL IS GRID NORTH,
CALIFORNIA COORDINATE SYSTEM (NAD 83) ZONE 2 US SURVEY FT. 1991.35
EPOCH. (USING CONVENTIONAL MEASUREMENTS TO CONTROL POINTS
SHOWN ON THIS SHEET. ALL DISTANCES ARE GRID DISTANCES. DIVIDE BY .999616
TO OBTAIN GROUND DISTANCES.

VERTICAL DATUM
ELEVATION DATUM IS BASED UPON THE NGVD 1929.
BPM POINTS ARE CONTROL POINTS SHOWN ON THIS SHEET

CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
32	2155976.52	7092525.43	6313.09	MAG NAIL
33	2155998.72	7092242.53	6320.63	10" BRIDGE SPIKE
34	2155418.73	7092265.00	6320.14	MAG NAIL
35	2154912.18	7092264.28	6326.12	MAG NAIL
36	2154906.74	7092577.39	6321.43	MAG NAIL
37	2155692.57	7092540.97	6318.09	MAG NAIL
38	2155658.52	7092766.56	6310.21	MAG NAIL
39	2155870.60	7092703.93	6306.87	10" BRIDGE SPIKE
40	2156025.31	7092945.79	6280.69	MAG NAIL
61	2155617.44	7092901.46	6308.77	MAG NAIL

SHEET
S-1
4 OF 16
CONTRACT NO.
PW 13-30701
CIP No.
95196

FOR REDUCED PLANS
2
1
0
ORIGINAL SCALE IS IN INCHES
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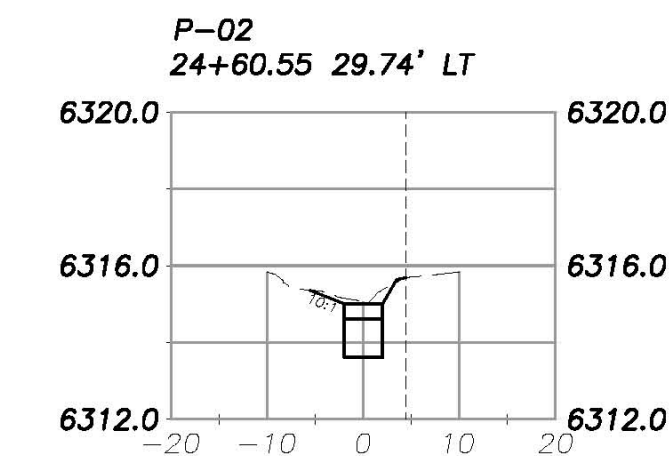
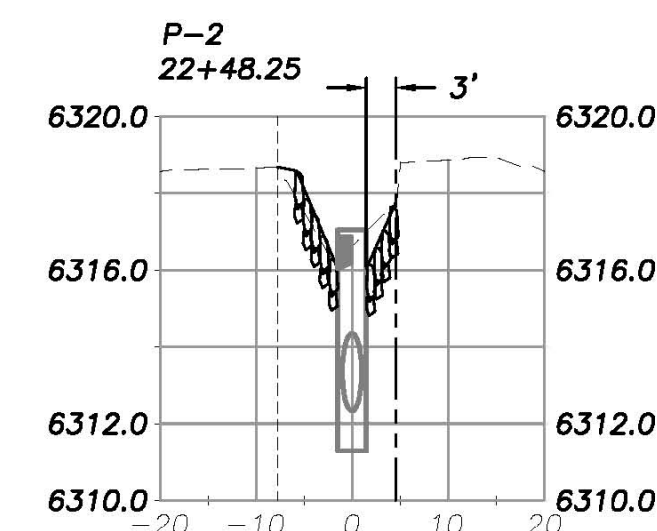
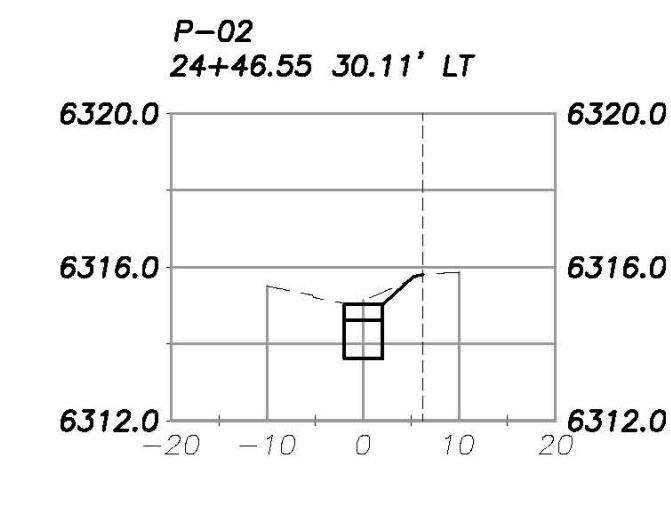
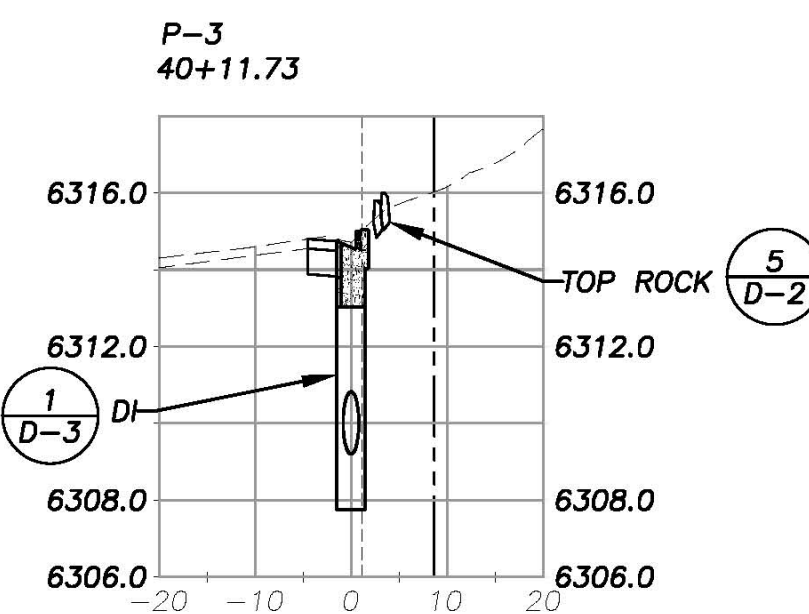
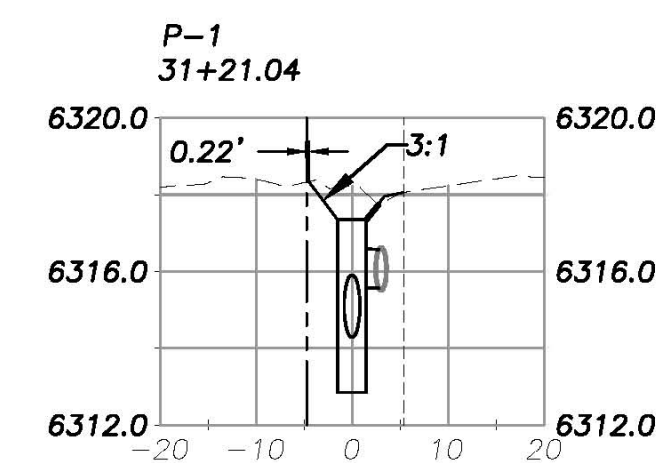
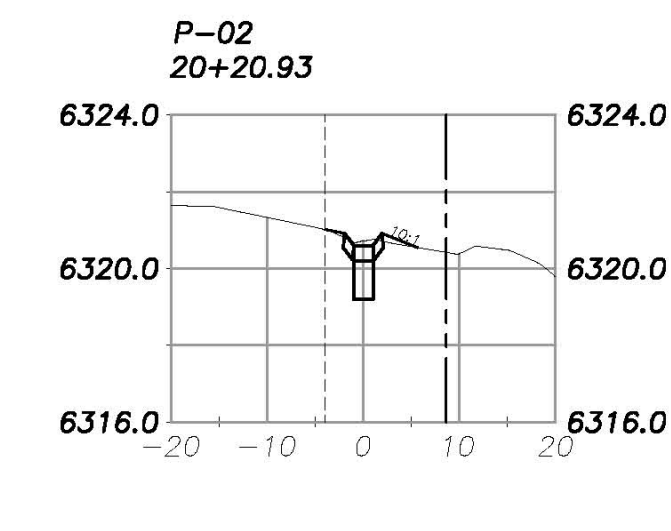
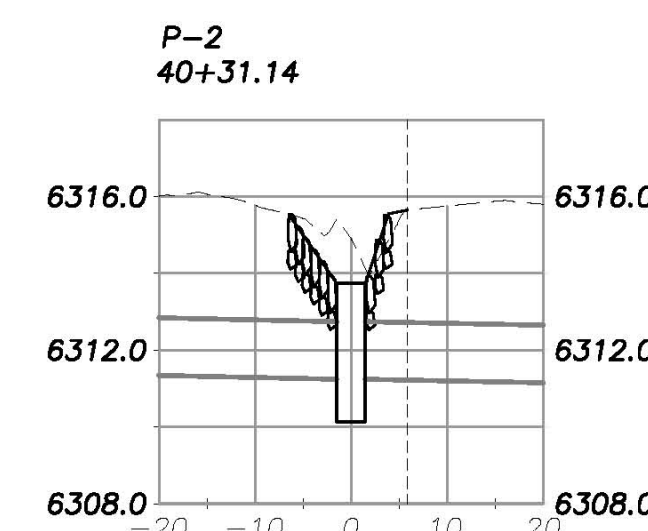
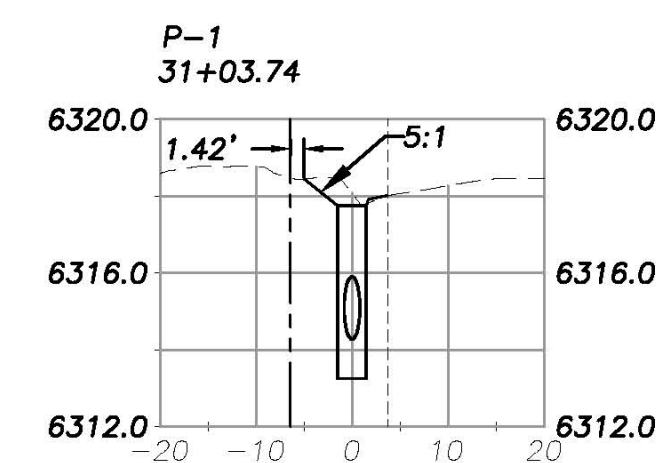
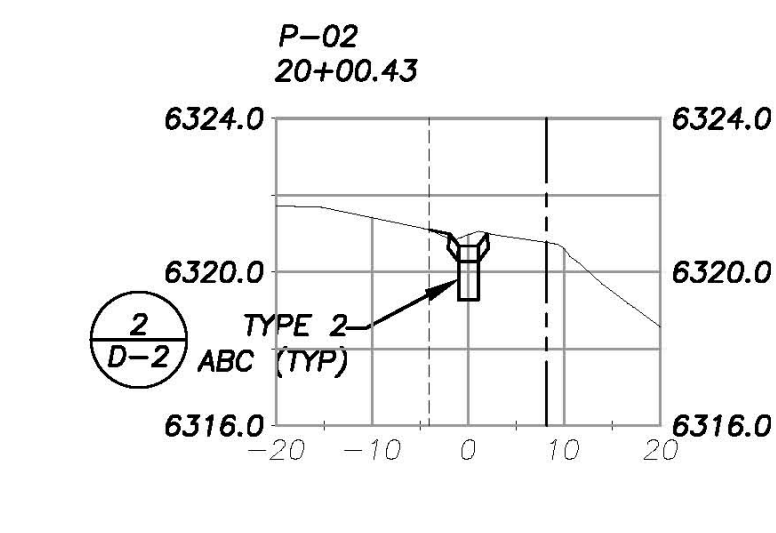
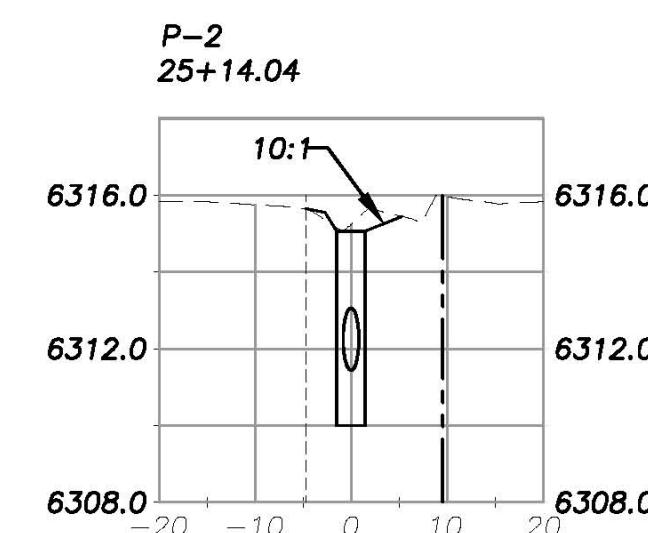
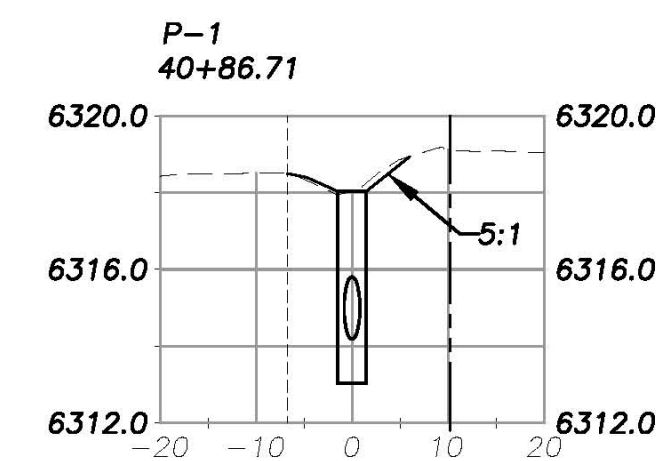
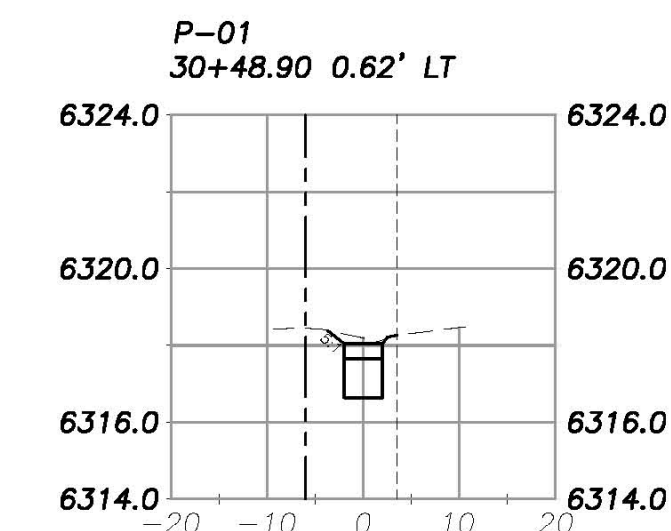
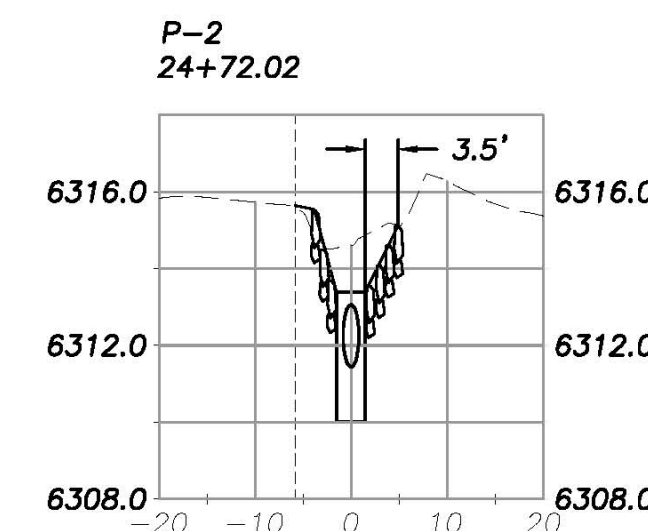
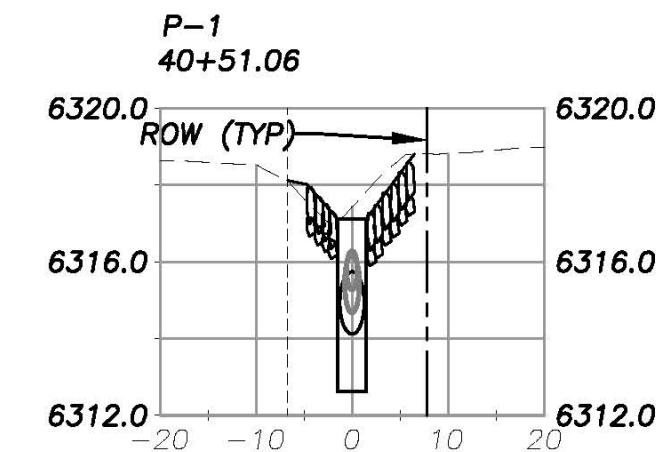
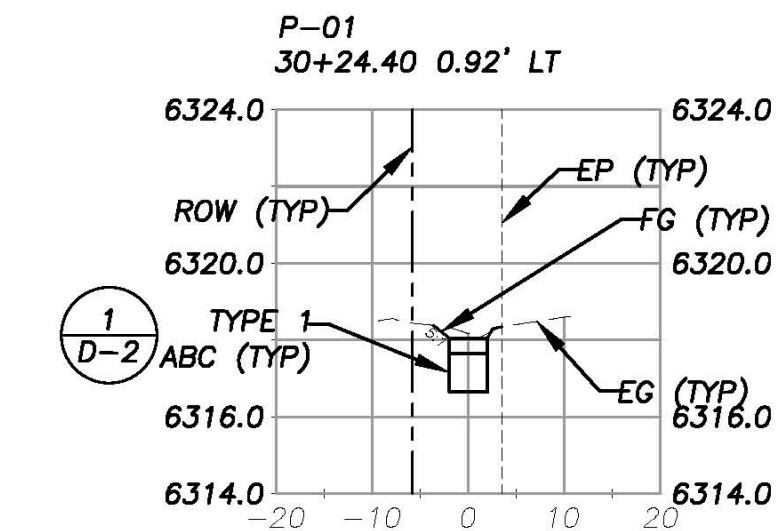
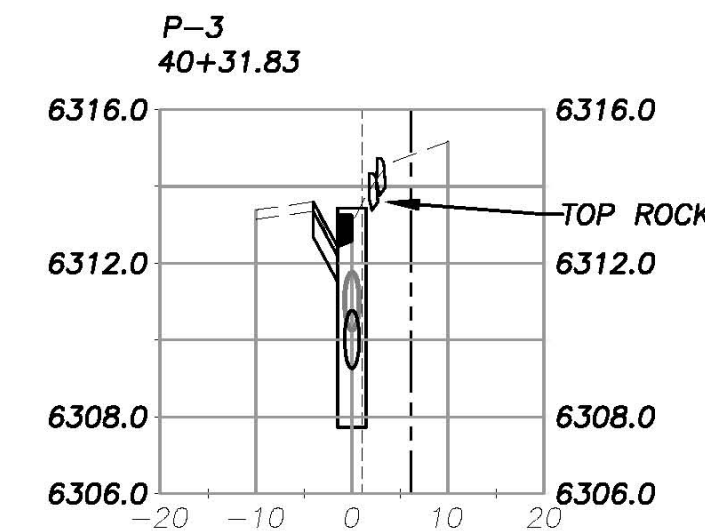
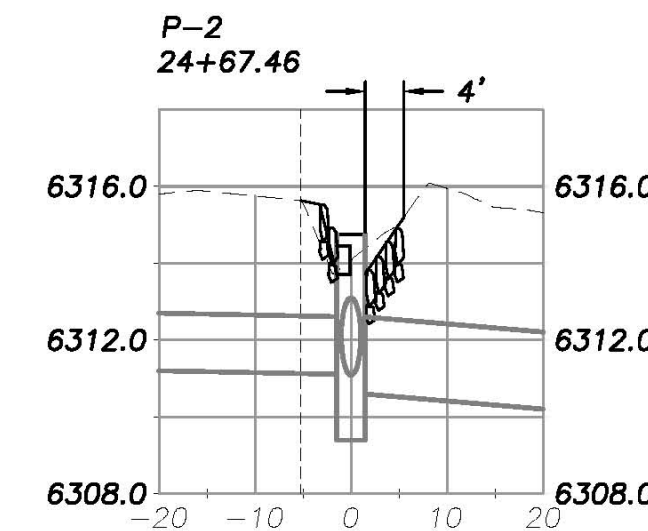
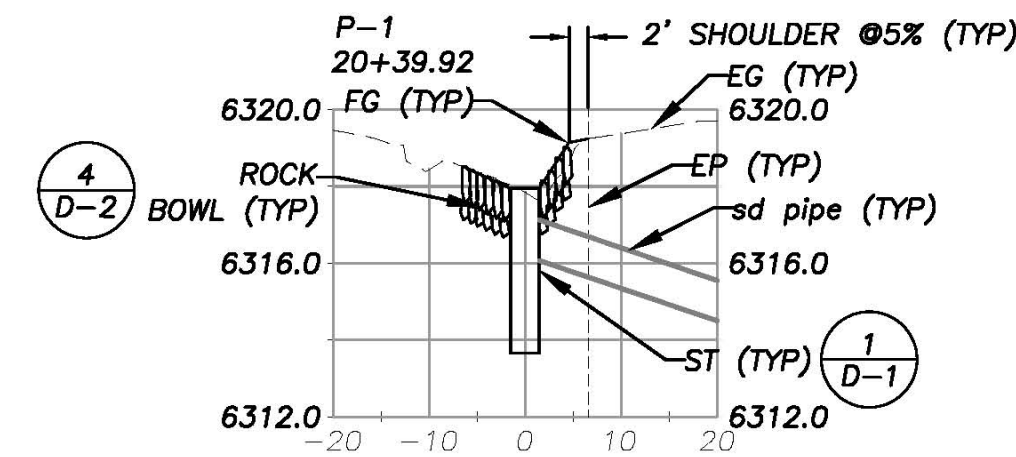


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	CHECKED: DWK	DATE: 6/2014		
	ROAD NUMBER:			
NUMBER	DATE	DESCRIPTION	BY	

PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: 6/4/14

REGISTERED PROFESSIONAL ENGINEER
PAVEL WALTER KIVKOR
No. 70188
Exp. 09-30-14
CIVIL
STATE OF CALIFORNIA

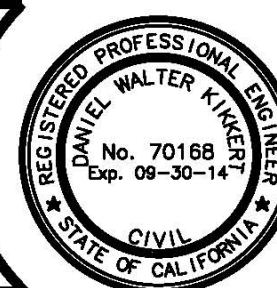
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PROPOSED STRUCTURES

PROPOSED ARTICULATED BLOCK

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER
DATE: 6/4/14

DESIGNED: DWK
DRAWN: KIS
CHECKED: DWK
DATE: 6/2014
ROAD NUMBER:



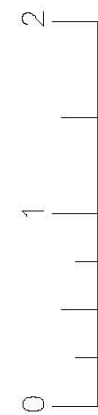
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

CSA 5 UPPER AREA EROSION CONTROL PROJECT
X-SECTIONS

SHEET X-1
8 of 16
CONTRACT NO. PW 13-30701
CIP No. 95196

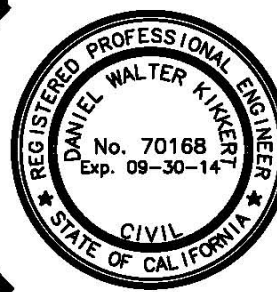
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ORIGINAL SCALE IS IN INCHES



FOR REDUCED PLANS

REVISION			
NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

[Signature]

REGISTERED CIVIL ENGINEER

DATE: 6/4/14

DESIGNED: DWK	DRAWN: KIS
CHECKED: DWK	DATE: 6/2014
ROAD NUMBER:	



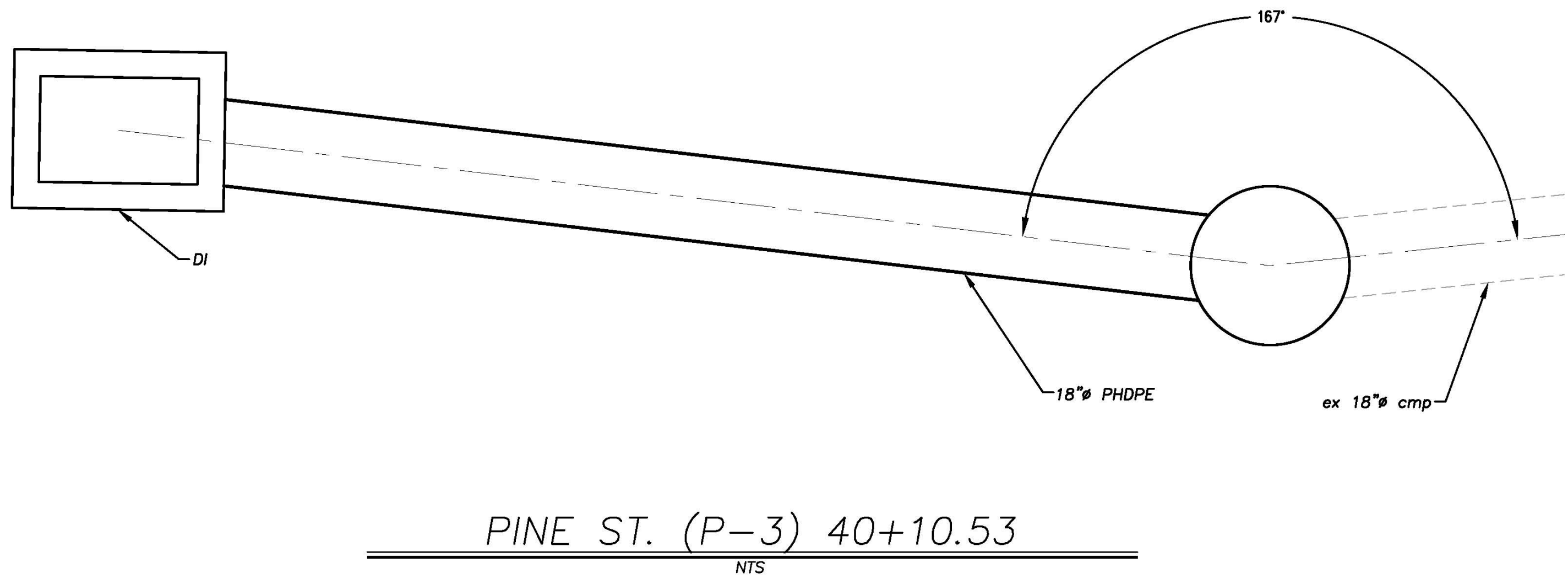
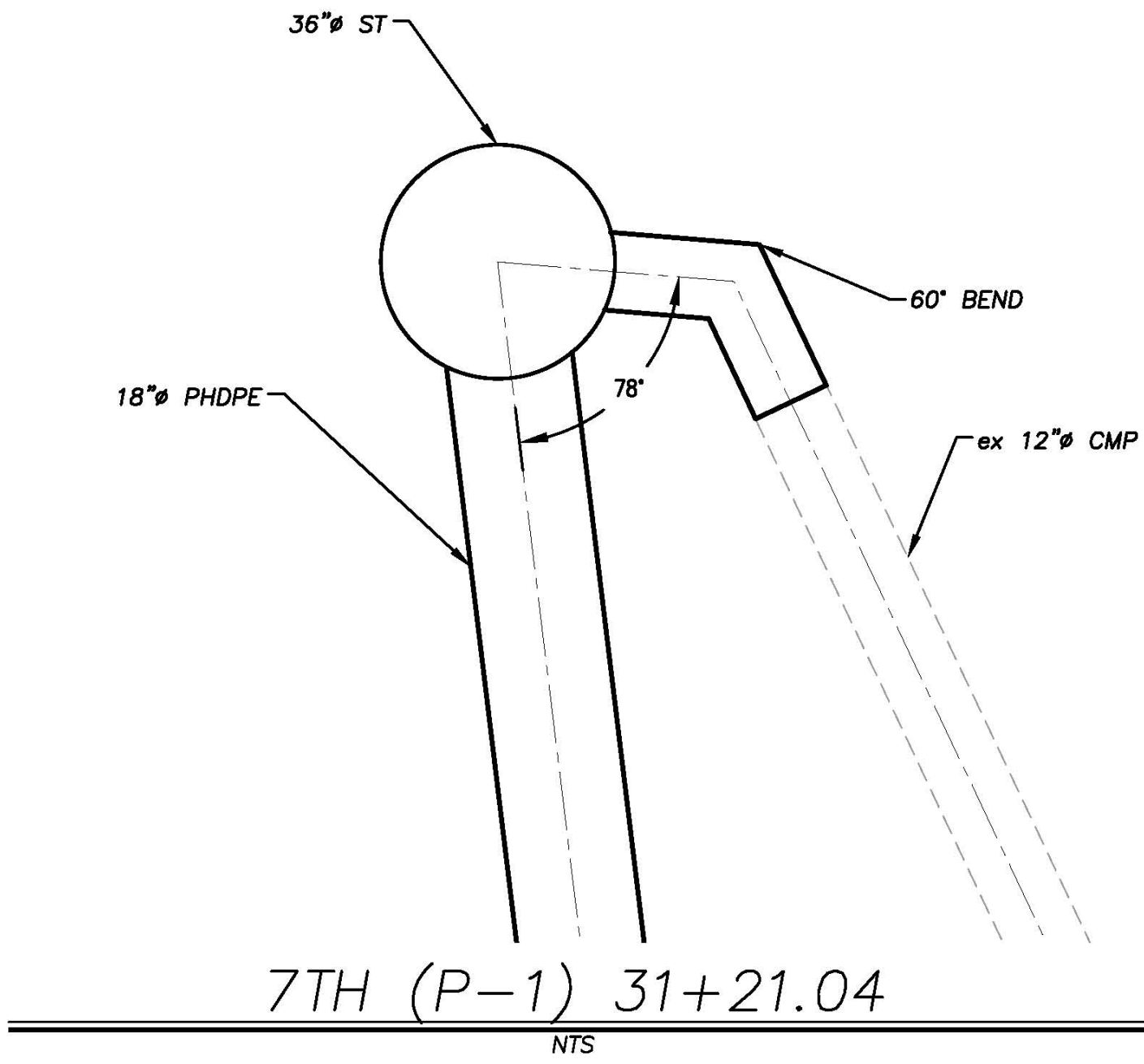
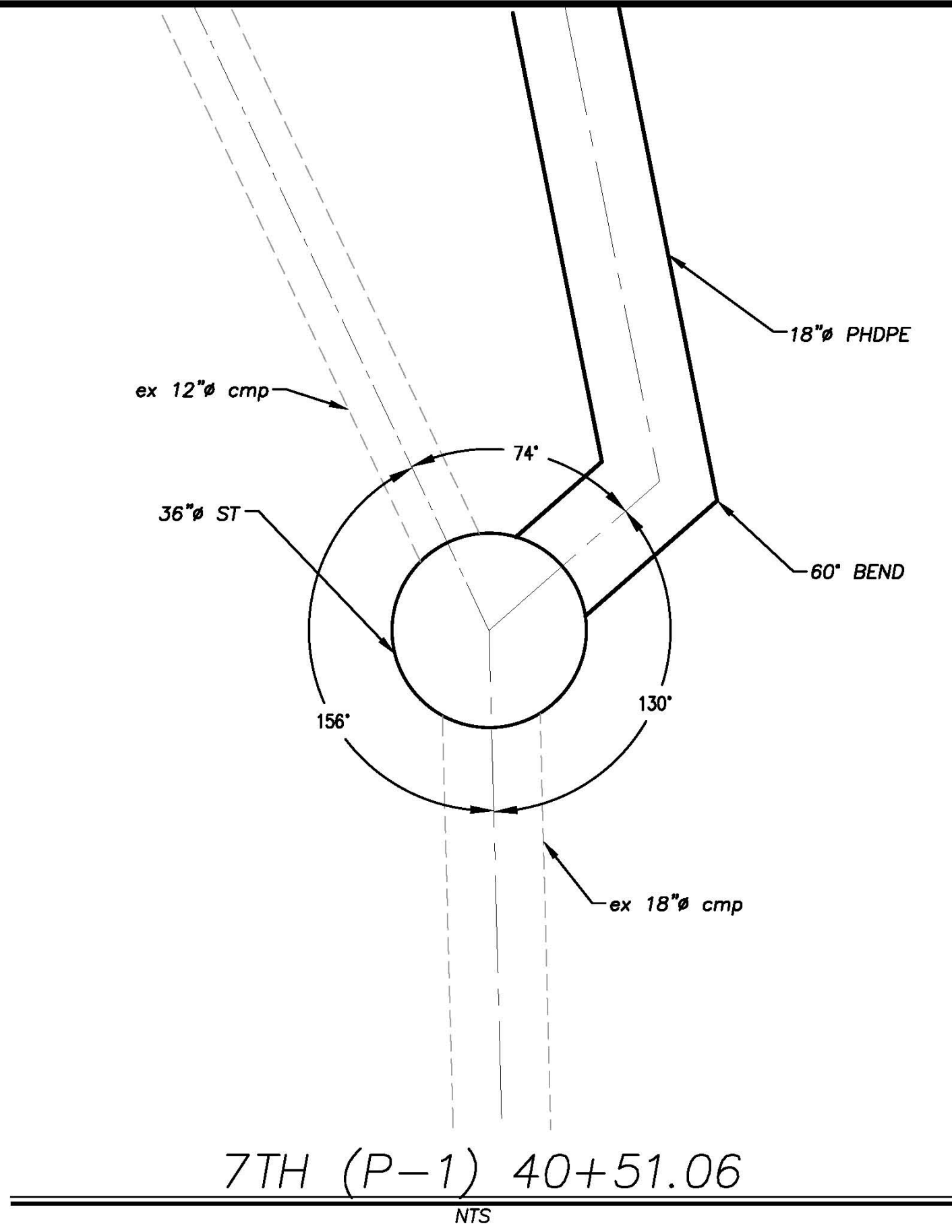
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

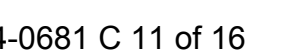
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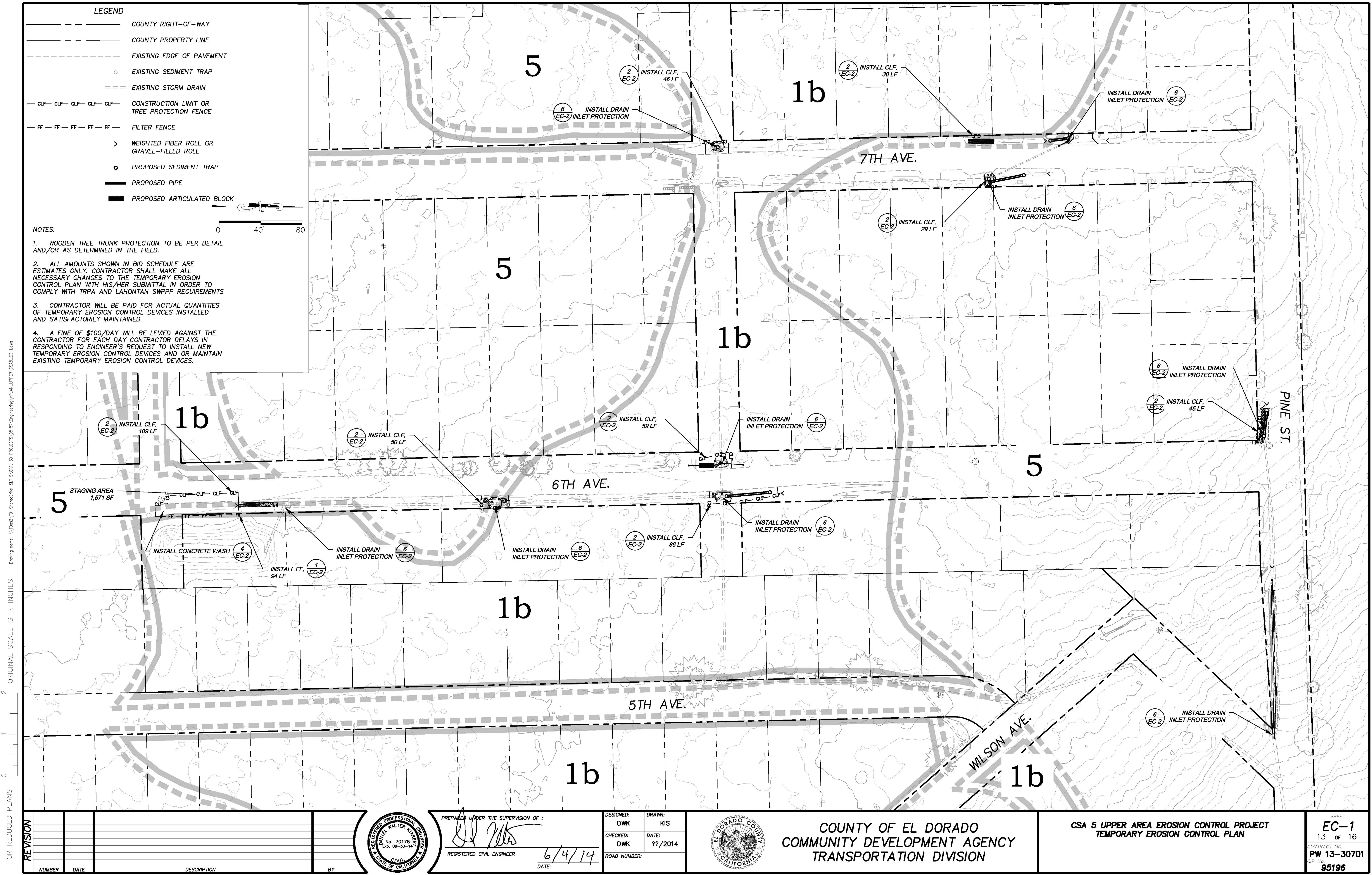
SHEET
H-1
9 of 16

CONTRACT NO.
PW 13-30701

CIP No.
95196







LEGEND

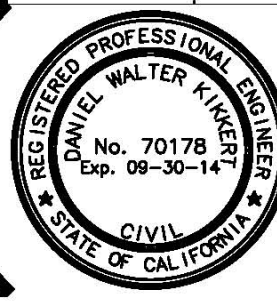
- COUNTY RIGHT-OF-WAY
- COUNTY PROPERTY LINE
- - - EXISTING EDGE OF PAVEMENT
- o EXISTING SEDIMENT TRAP
- - - EXISTING STORM DRAIN
- CLF - CLF - CLF - CLF - CLF - CONSTRUCTION LIMIT OR TREE PROTECTION FENCE
- FF - FF - FF - FF - FF - FILTER FENCE
- > WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL
- o PROPOSED SEDIMENT TRAP
- PROPOSED PIPE
- PROPOSED ARTICULATED BLOCK

NOTES:

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

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



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 6/4/14

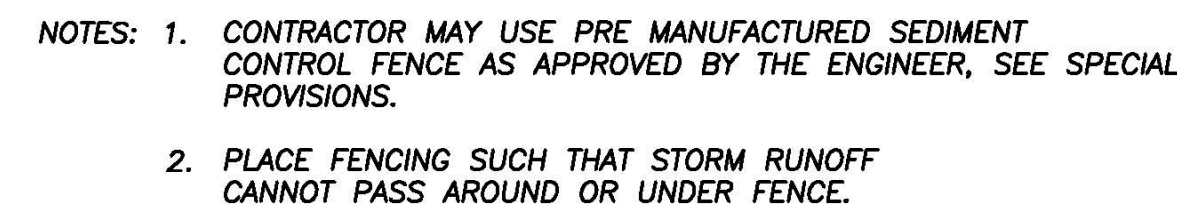
DESIGNED: DWK
CHECKED: DWK
ROAD NUMBER:
DRAWN: KIS
DATE: ??/2014



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

CSA 5 UPPER AREA EROSION CONTROL PROJECT
TEMPORARY EROSION CONTROL PLAN

SHEET
EC-1
13 of 16
CONTRACT NO.
PW 13-30701
CIP No.
95196




1
EC-2



5
EC-2



2
EC-2)



3
EC-2



4
EC-2

1. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING FILTER FABRIC, GRAVEL BAGS, GRAVEL-FILLED ROLLS, RICE STRAW FIBER ROLLS, AND FENCE POSTS.

2. DIMENSION LIMITS OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS STAKED IN THE FIELD.

REGISTERED CIVIL ENGINEER

DATE: _____

DRAWN:

NOTE:

—



SHEET
EC-2
14 OF 16
TRACT NO.
W 13-30701
No.
95196

Drawing name: \\tmsd1\p\Shared\Draw-S&T\Civil\3D PROJECTS\6557\Engineering\JRM\ALUPP\CSA5_RVC.dwg

FOR REDUCED PLANS
2
1
0
ORIGINAL SCALE IS IN INCHES

TYPE (1) - CONTRACTOR TO PLACE 2" (COMPACTED) TOPSOIL MIX; CALIFORNIA CONSERVATION CORPS (CCC) ADDS SEED; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.

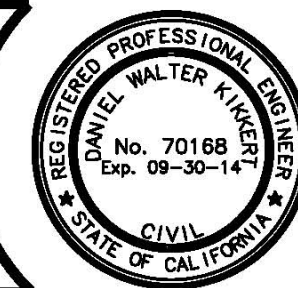
TYPE (4) - CCC REMOVE EXCESS MATERIAL, CCC SCARIFY BOTTOM OF BASIN, CCC ADDS SEEDS;CCC APPLIES 1" PINE NEEDLES.

- NOTES:
- 1) REVEGETATION TYPE (1) ADJACENT TO ARTICULATED BLOCK, ROCK CHANNEL, AND SEDIMENT TRAPS.
 - 2) REVEGETATION TYPE (4) FOR AREAS ASSOCIATED WITH REHABILITATION BY CCC.
 - 3) ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL. (BY TD)

LEGEND

- COUNTY RIGHT-OF-WAY
- - - EXISTING EDGE OF PAVEMENT
- PROPOSED SEDIMENT TRAP
- PROPOSED PIPE
- PROPOSED ARTICULATED BLOCK
- PROPOSED ROCK BOWL
- ||||| PROPOSED REVEGETATION

0 60' 120'



PREPARED UNDER THE SUPERVISION OF:

[Signature]
REGISTERED CIVIL ENGINEER

DATE: 6/4/14

DESIGNED: DWK

CHECKED: DWK

ROAD NUMBER:

DRAWN: KIS

DATE: 6/2014



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

CSA 5 UPPER AREA EROSION CONTROL PROJECT
REVEGETATION PLAN

SHEET
R-1
16 of 16

CONTRACT NO.
PW 13-30701
CIP No.
95196