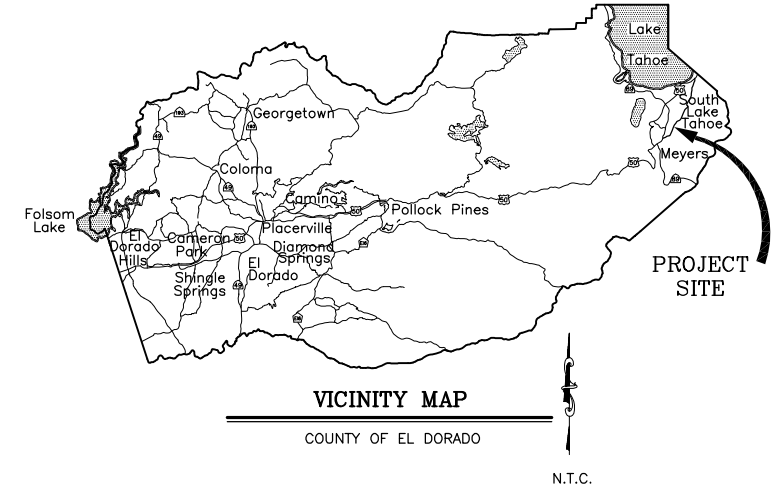
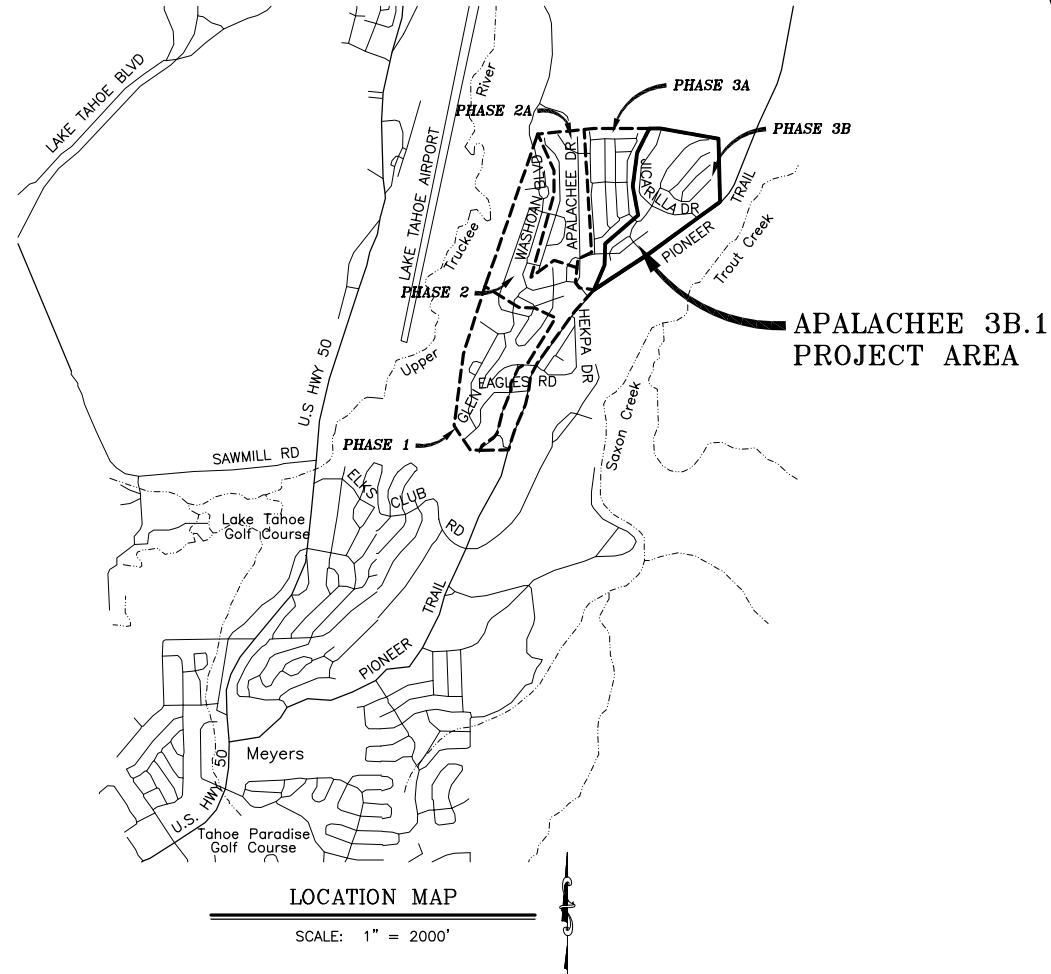


DEPARTMENT OF TRANSPORTATION COUNTY OF EL DORADO, CA

PROJECT PLANS FOR THE CONSTRUCTION OF THE 2009 APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT

IN THE COUNTY OF EL DORADO, DISTRICT 5,
WITHIN PORTIONS OF THE TAHOE PARADISE ADDITION UNIT NOS. 2 & 5,
AND POR. N1/2 SEC. 15., T.12N., R.18E., M.D.M.

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



FUNDING AGENCY
USDA FOREST SERVICE



REVIEWED BY: STEVE P. KOOYMAN, P.E. DATE _____
SUPERVISING CIVIL ENGINEER
STATE OF CALIFORNIA NO. 55757

SUBMITTED BY: DONADO S. PALAROAN P.E. DATE _____
CIVIL ENGINEER
STATE OF CALIFORNIA NO. 66083

INDEX OF SHEETS

SHEET NO.	SHEET NAME	TITLE
1	i	TITLE SHEET
2	ii	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
3	iii	SHEET INDEX MAP
4	S-1	ALIGNMENT DATA AND SURVEY CONTROL
5	P-1	IBACHE ST PLAN & PROFILE ST 16+34.04 TO ST 20+25.00
6	P-2	IBACHE ST PLAN & PROFILE ST 20+25.00 TO END
7	P-3	PIONEER TRAIL PLAN & PROFILE ST 11+62.98 TO ST 16+00.00
8	P-4	PIONEER TRAIL PLAN & PROFILE ST 16+00.00 TO ST 19+01.00
9-10	X-1 THRU X-2	CROSS SECTIONS
11-14	D-1 THRU D-4	DETAIL SHEETS
15	EC-1	TEMPORARY EROSION CONTROL PLAN
16-17	EC-2 THRU EC-3	TEMPORARY EROSION CONTROL DETAILS
18	R-1	REVEGETATION PLAN
19	T-1	TRAFFIC CONTROL & STAGING PLAN
20	L-1	EXISTING LAND COVERAGE MAP
21	L-2	PROPOSED LAND COVERAGE MAP
22	G-1	GEOTECHNICAL/GEOPHYSICAL SURVEY RESULTS FIGURES

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 Bidder's security.

REVISIONS

MARK	DATE	BY

BOARD OF SUPERVISORS
I JOHN R. KNIGHT
II RAY NUTTING
III JAMES SWEENEY
IV RON BRIGGS
V NORMA SANTIAGO

**COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION**



(530) 621-5900
1001 W. EL DORADO BLVD.
PLACERVILLE, CA 95667
(530) 573-7900
921 S. EMERALD BAY RD.
SOUTH LAKE TAHOE, CA 96150

ADOPTED AND APPROVED BY:
RON BRIGGS
CHAIRMAN, EL DORADO COUNTY BOARD OF SUPERVISORS
APPROVED BY:
JAMES W. WARE, P.E. NO. C 51036
INTERIM DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION
ROBERT S. SLATER, P.E. NO. C 38772
DEPUTY DIRECTOR OF ENGINEERING, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 95183.1

**APALACHEE PHASE 3B.1
EROSION CONTROL PROJECT
TITLE SHEET**

SHEET I OF 22

GENERAL NOTES

- 1. ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION (DOT). 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 EL DORADO COUNTY (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.

ABBREVIATIONS

Table listing abbreviations and their meanings. Includes a note: 'NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING'. Lists abbreviations like DELTA, ASPEN, AGGREGATE BASE, etc., and their corresponding terms like DEFLECTION ANGLE, ABANDONED, etc.

LEGEND

Legend table showing symbols for EXISTING and PROPOSED features. Includes symbols for CENTERLINE, SAWCUT, MISC PAVING, AC REMOVE, etc., and a BENCHMARK section with text: 'VERTICAL CONTROL IS NGVD 29; HORIZONTAL CONTROL IS NAD 83 (FEET): EL DORADO CO. CONTROL POINT "GB-13" (PROJECT POINT #12), A 5/8" REBAR WITHOUT CAP OR TAG SET FLUSH WITH GROUND ON THE SLOPE APPROXIMATELY 6' WEST OF AND 2' HIGHER THAN THE WESTERLY EDGE OF PAVEMENT OF PIONEER TRAIL AND 230' SOUTH OF THE CENTERLINE OF GLEN EAGLES ROAD...'.

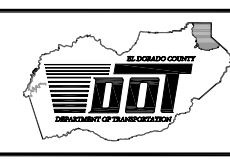
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REVISION table with columns for NUMBER, DATE, DESCRIPTION, and BY.



PREPARED UNDER THE SUPERVISION OF: [Signature] REGISTERED CIVIL ENGINEER DATE: 04/13/09

DESIGNED: TA DRAWN: TA CHECKED: DSP DATE: 03/09 ROAD NUMBER:

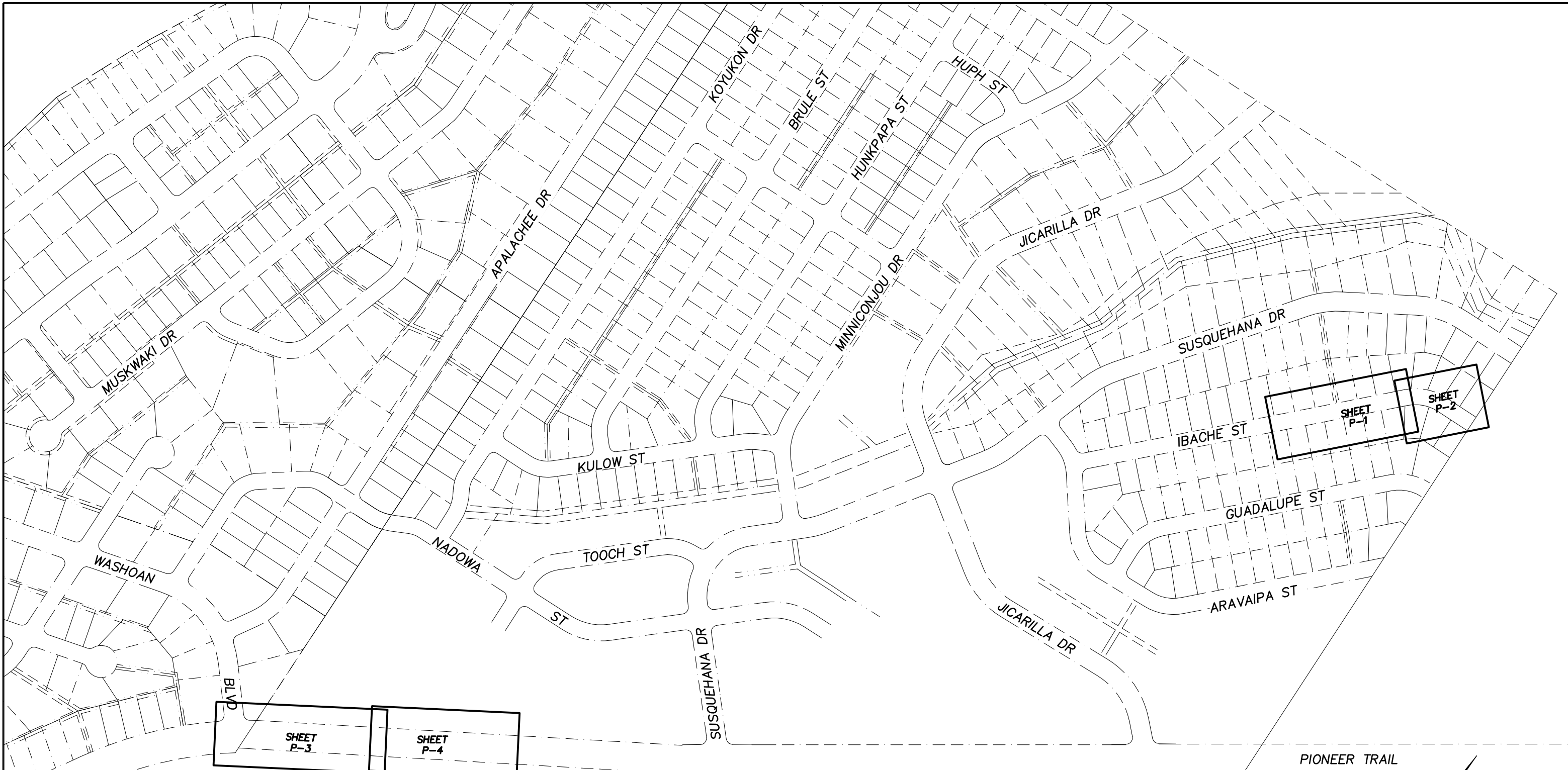


EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION TAHOE ENGINEERING DIVISION

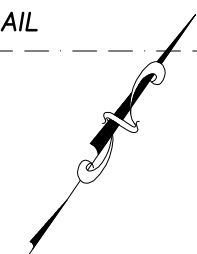
GENERAL NOTES, ABBREVIATIONS, AND LEGEND APALACHEE 3B.1 EROSION CONTROL PROJECT

SHEET ii 2 OF 22 W.O. No. 95183.1

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PIONEER TRAIL



SCALE: 1"=150'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

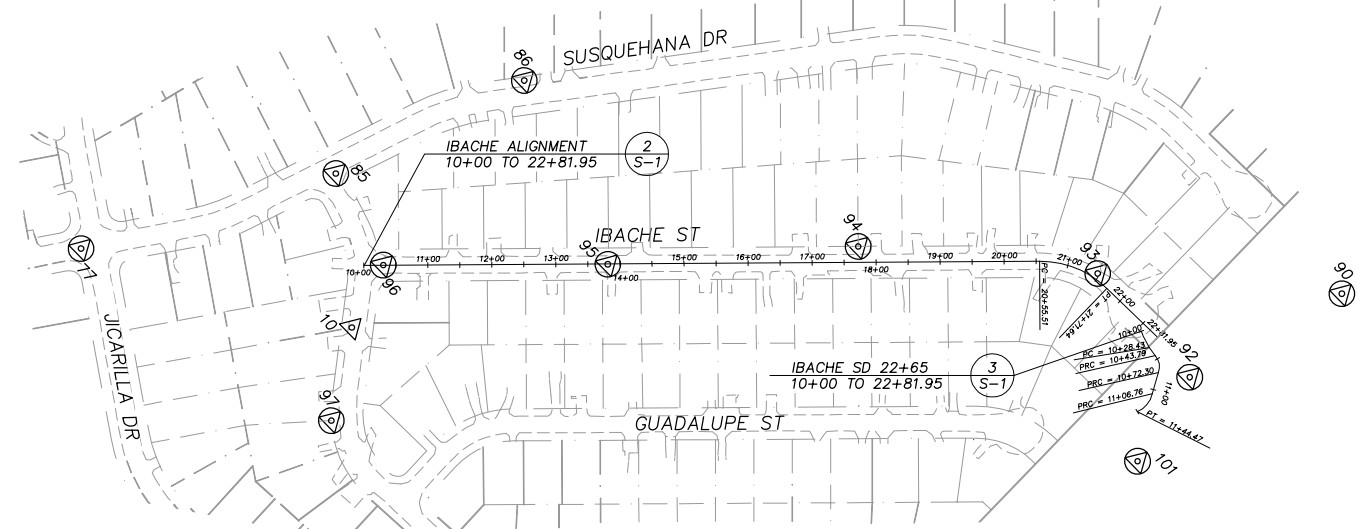
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 DATE: 03/09
 ROAD NUMBER: 000



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE 3B.1 EROSION CONTROL PROJECT
 SHEET INDEX MAP

SHEET
 iii
 3 OF 22
 W.O. No. 95183.1



BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
10+00	10+27.16	LINE	---	---	27.16	N 45°46'48" E	2090326.0459	7135027.8518
10+27.16	---	PC RIGHT	---	---	---	---	2090344.9848	7135047.3135
---	---	RP	976.90	08°40'25"	147.89	---	2090548.5156	7135732.4481
---	11+75.04	PT	---	---	---	---	2090440.3440	7135160.1689
11+75.04	---	PC RIGHT	---	---	---	---	2090440.3440	7135160.1689
---	---	RP	4928.32	04°10'03"	358.46	---	2086446.2046	7138047.2313
---	15+33.50	PT	---	---	---	---	2090639.5870	7135458.0550
15+33.50	19+01	LINE	---	---	367.50	N 58°18'25" E	2090639.5870	7135458.0550
19+01	---	END	---	---	---	---	2090832.6600	7135770.7500

PIONEER ALIGNMENT
10+00 TO 19+01.00

1
S-1

CONTROL POINT LIST

Number	Northing	Easting	Elevation	Description
9	2090474.2031	7135151.0157	6473.73	3/4" Rebar
10	2092538.6672	7136845.5318	6373.87	Mag Nail
65	2091229.4148	7136421.2143	6448.93	5/8" Cap Rebar
69	2091409.6296	7136237.8886	6448.91	Mag Nail
77	2092323.4250	7136461.0055	6373.87	Mag Nail
80	2092154.4684	7137297.4895	6368.53	Mag Nail
81	2092965.3021	7136207.1226	6383.19	Mag Nail
85	2092689.3586	7136656.4632	6362.25	Mag Nail
86	2093001.1298	7136759.2046	6355.54	Spike
90	2093678.1474	7137891.9373	6332.80	Spike
92	2093417.3756	7137818.3007	6341.83	5/8" Cap Rebar
93	2093428.3615	7137602.0284	6347.42	Mag Nail
94	2093191.2435	7137309.7367	6364.91	3/4" Cap Iron Pipe
95	2092892.9109	7137055.3716	6373.69	Mag Nail
96	2092642.0044	7136810.4410	6370.61	Mag Nail
101	2093267.1938	7137854.8482	6339.08	5/8" Cap Rebar
106	2090643.4775	7134936.7834	6457.09	Mag Nail

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
10+00	20+55.51	LINE	---	---	1055.51	N 44°09'45" E	2092619.8659	7136789.6420
20+55.51	---	PC RIGHT	---	---	---	---	2093377.0554	7137525.0103
---	---	RP	150.00	44°21'36"	116.13	---	2093272.5512	7137632.6155
---	21+71.84	PT	---	---	---	---	2093422.5014	7137628.7476
21+71.84	22+81.95	LINE	---	---	110.30	N 88°31'21" E	2093422.5014	7137628.7476
22+81.95	---	END	---	---	---	---	2093425.3456	7137739.0119

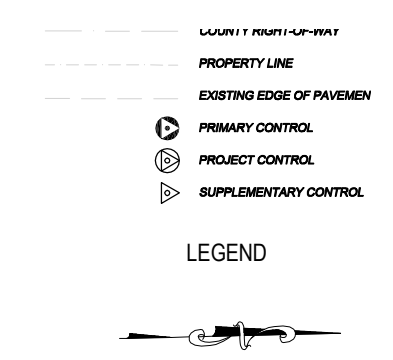
IBACHE ALIGNMENT
10+00 TO 22+81.95

2
S-1

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
10+00	10+08.43	LINE	---	---	8.43	S 67°46'51" E	2093413.6899	7137714.2674
10+08.43	10+28.43	LINE	---	---	20.00	S 74°09'25" E	2093410.5013	7137722.0733
10+28.43	---	PC LEFT	---	---	---	---	2093405.0412	7137741.3135
---	---	RP	68.31	12°52'41"	15.35	---	2093410.7656	7137756.9626
---	10+43.79	PT	---	---	---	---	2093402.5377	7137756.4289
10+43.79	---	PC RIGHT	---	---	---	---	2093402.5377	7137756.4289
---	---	RP	26.71	61°09'33"	28.51	---	2093375.8600	7137755.0470
---	10+72.30	PT	---	---	---	---	2093387.5182	7137779.0823
10+72.30	---	PC LEFT	---	---	---	---	2093387.5182	7137779.0823
---	---	RP	295.83	06°40'26"	34.46	---	2093516.6227	7138045.2512
---	11+06.76	PT	---	---	---	---	2093357.4595	7137795.8902
11+06.76	---	PC RIGHT	---	---	---	---	2093357.4595	7137795.8902
---	---	RP	39.82	54°15'40"	37.71	---	2093336.0333	7137762.3217
---	11+44.47	PT	---	---	---	---	2093321.3010	7137799.3202

IBACHE SD 22+65
10+00 TO 11+44.47

3
S-1



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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
REGISTERED CIVIL ENGINEER
DATE: 04/13/09

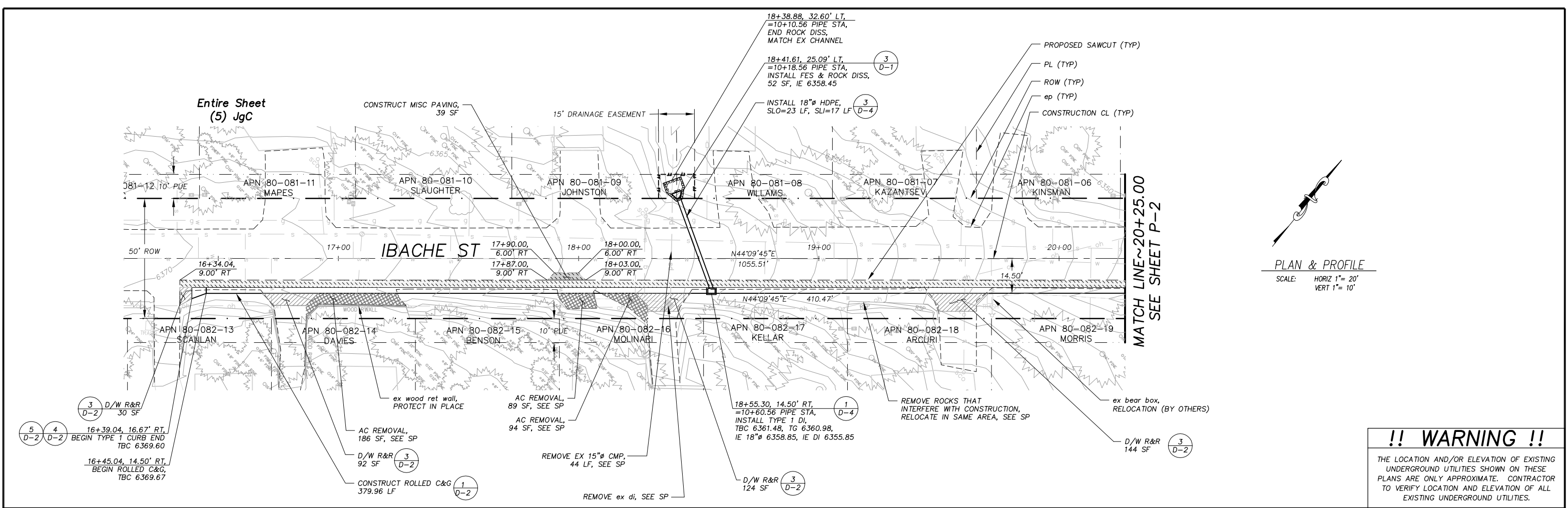
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CHECKED: DSP
DATE: 03/09
ROAD NUMBER:



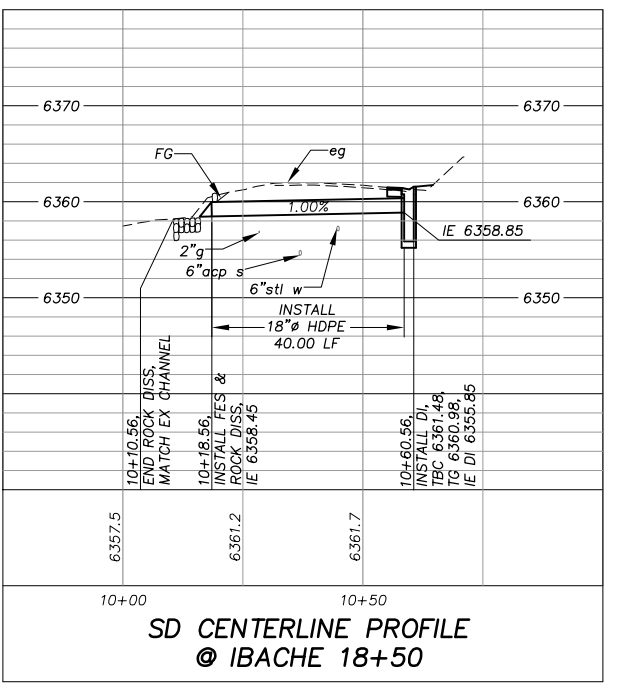
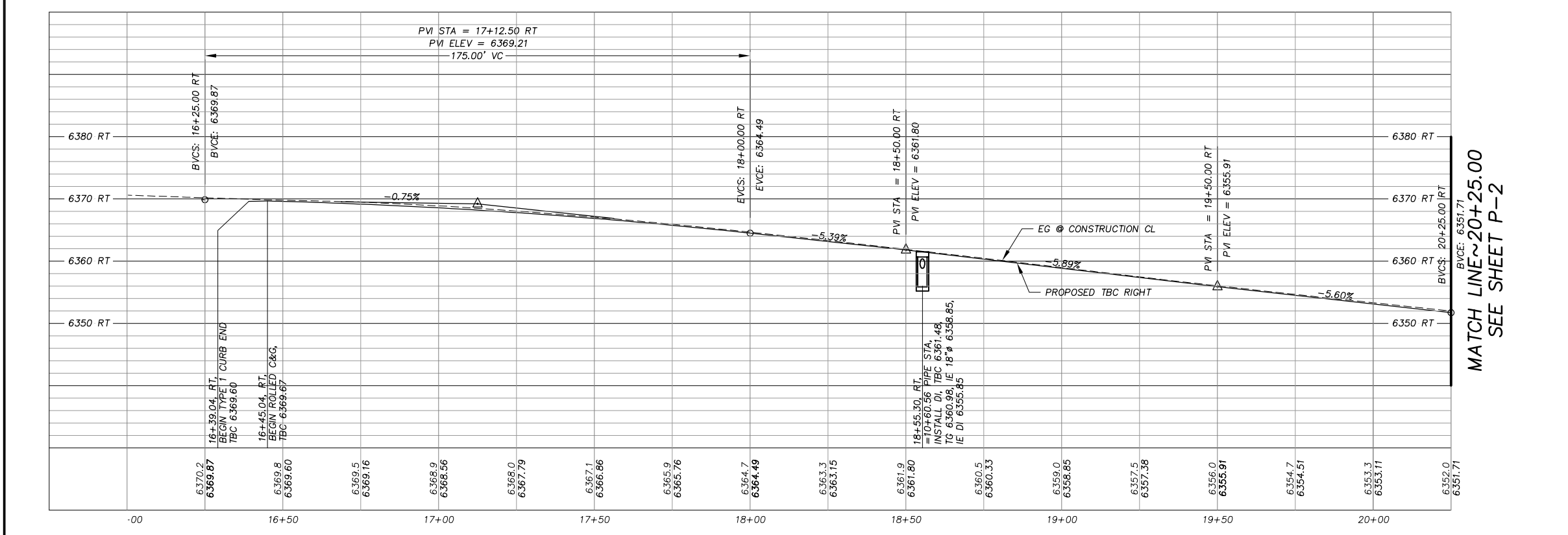
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
ALIGNMENT DATA AND SURVEY CONTROL

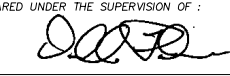
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S-1
4 OF 22
W.O. No. 95183.1



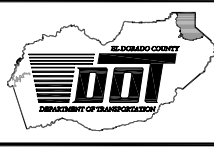
!! WARNING !!
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER: 2466



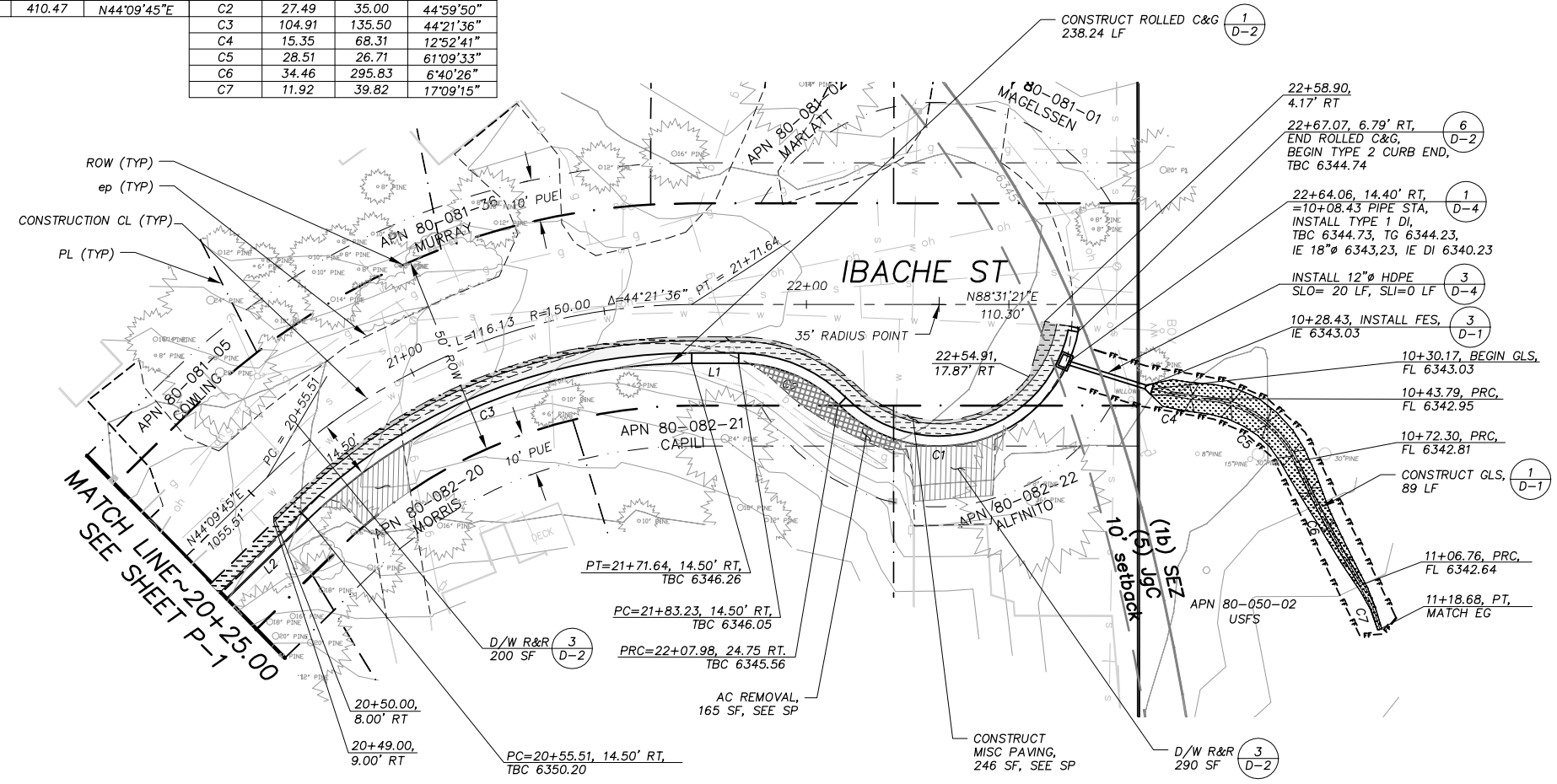
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE 3B.1 EROSION CONTROL PROJECT
 IBACHE ST PLAN & PROFILE
 STA 16+34.04 TO STA 20+25.00

SHEET
P-1
 5 OF 22
 W.O. No. **95183.1**

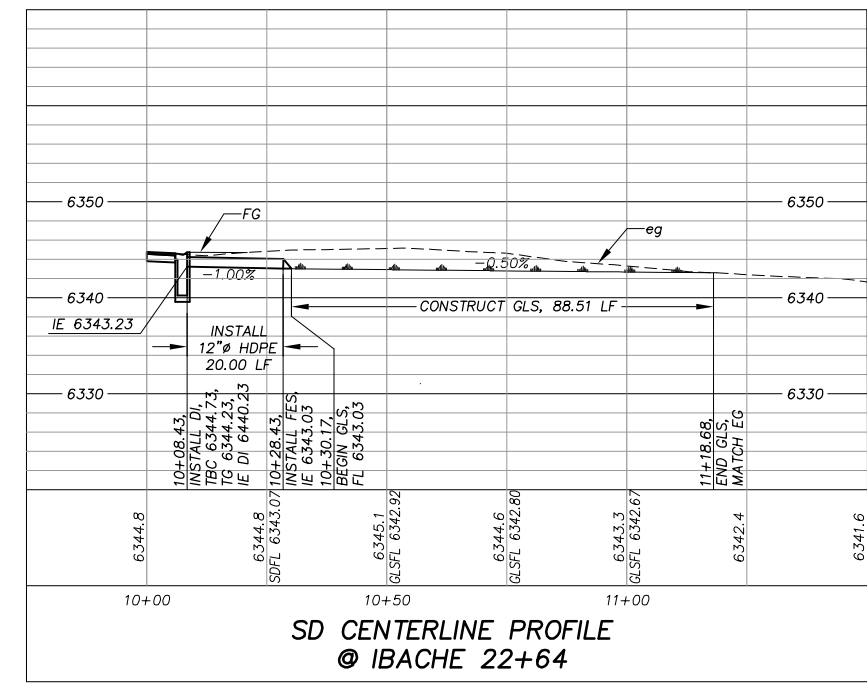
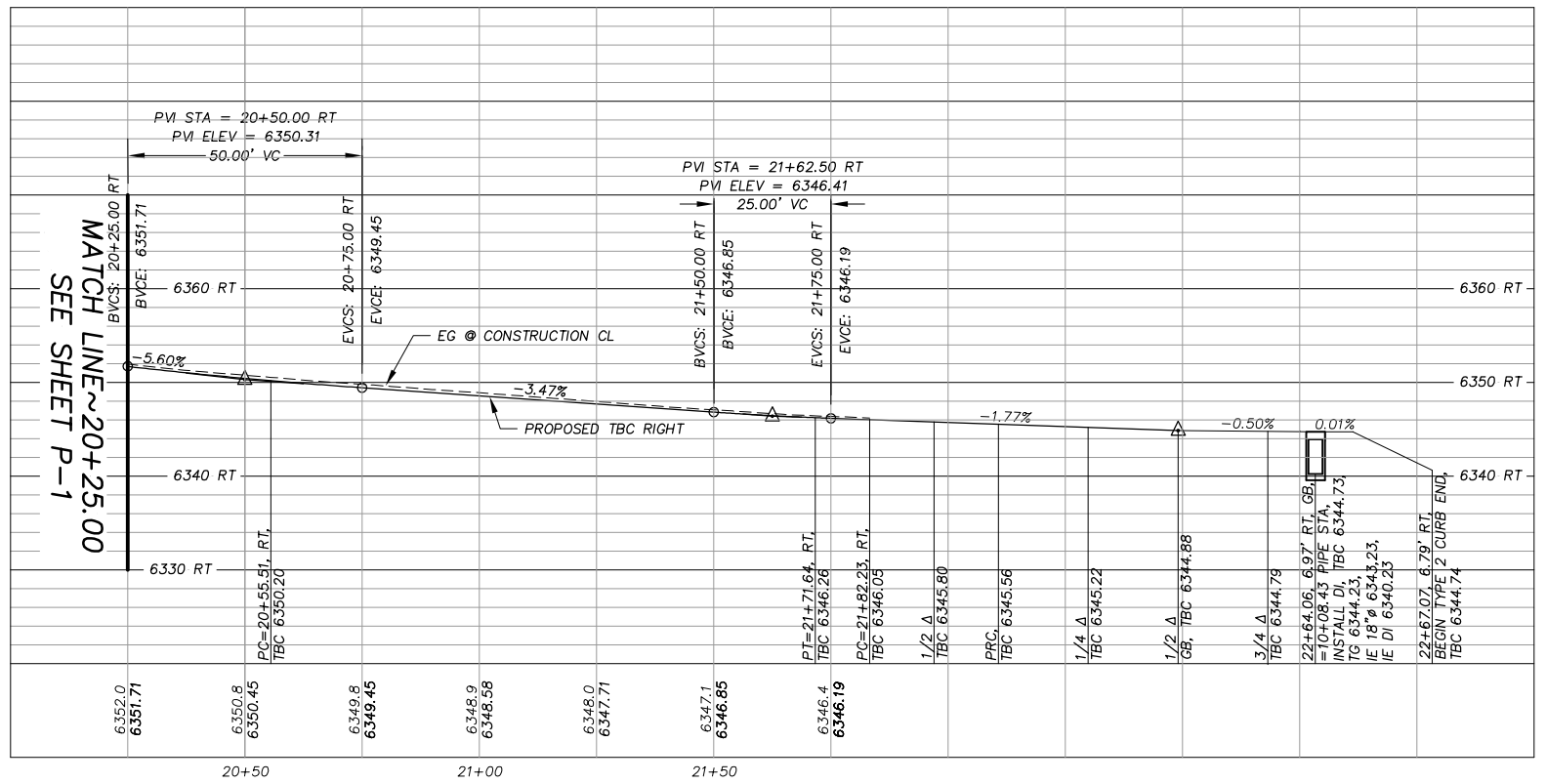
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LINE	LENGTH	BEARING	CURVE	LENGTH	RADIUS	DELTA
L1	11.59	S88°31'21"W	C1	76.63	35.00	123°48'16"
L2	410.47	N44°09'45"E	C2	27.49	35.00	44°59'50"
			C3	104.91	135.50	44°21'36"
			C4	15.35	68.31	12°52'41"
			C5	28.51	26.71	61°09'33"
			C6	34.46	295.83	6°40'26"
			C7	11.92	39.82	17°09'15"

ROW (TYP)
ep (TYP)
CONSTRUCTION CL (TYP)
PL (TYP)



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

!! WARNING !!
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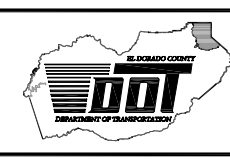
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
REGISTERED CIVIL ENGINEER
DATE: 04/13/09

DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 03/09
ROAD NUMBER: 2466

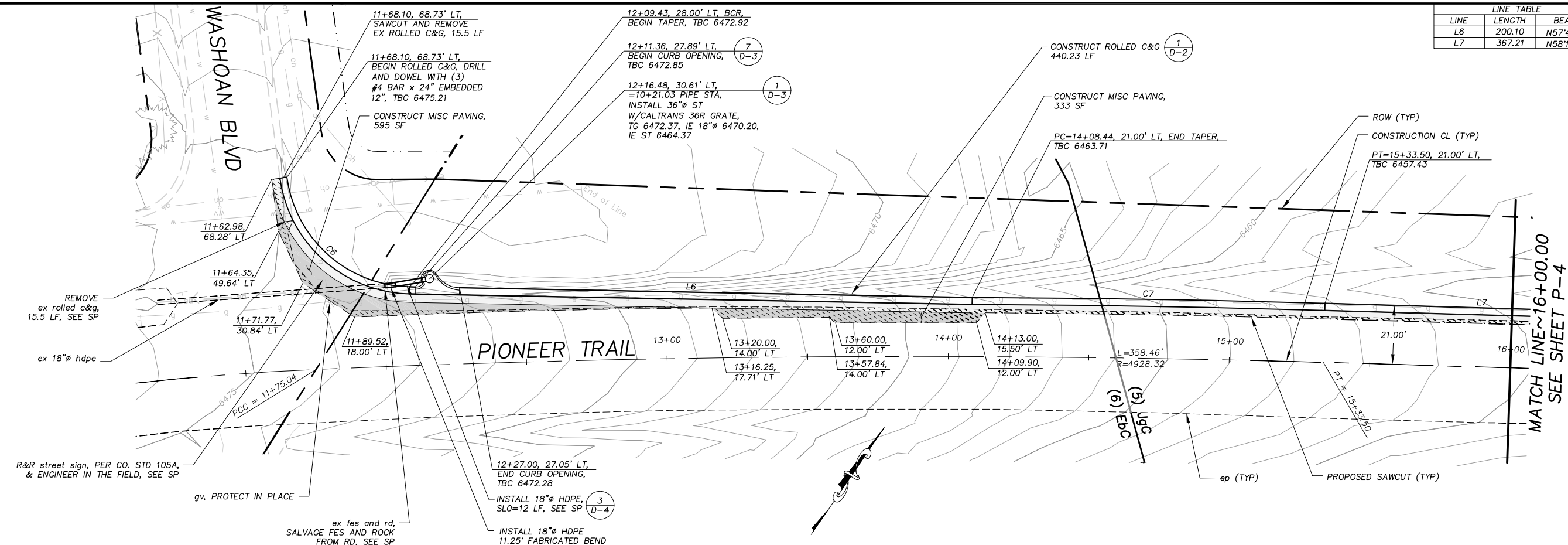


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE 3B.1 EROSION CONTROL PROJECT
IBACHE ST PLAN & PROFILE
STA 20+25.00 TO END

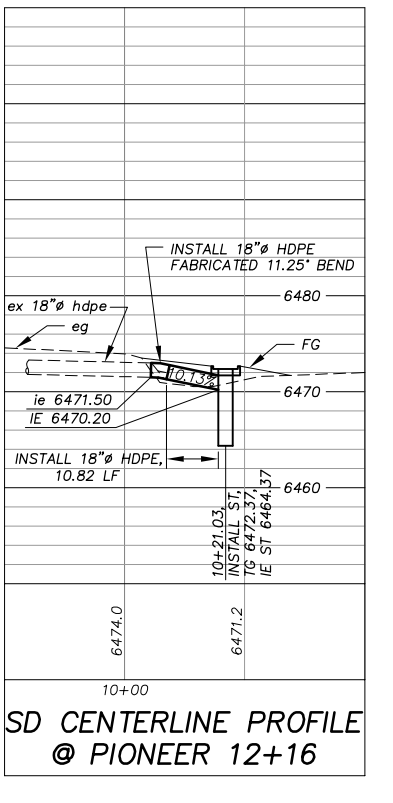
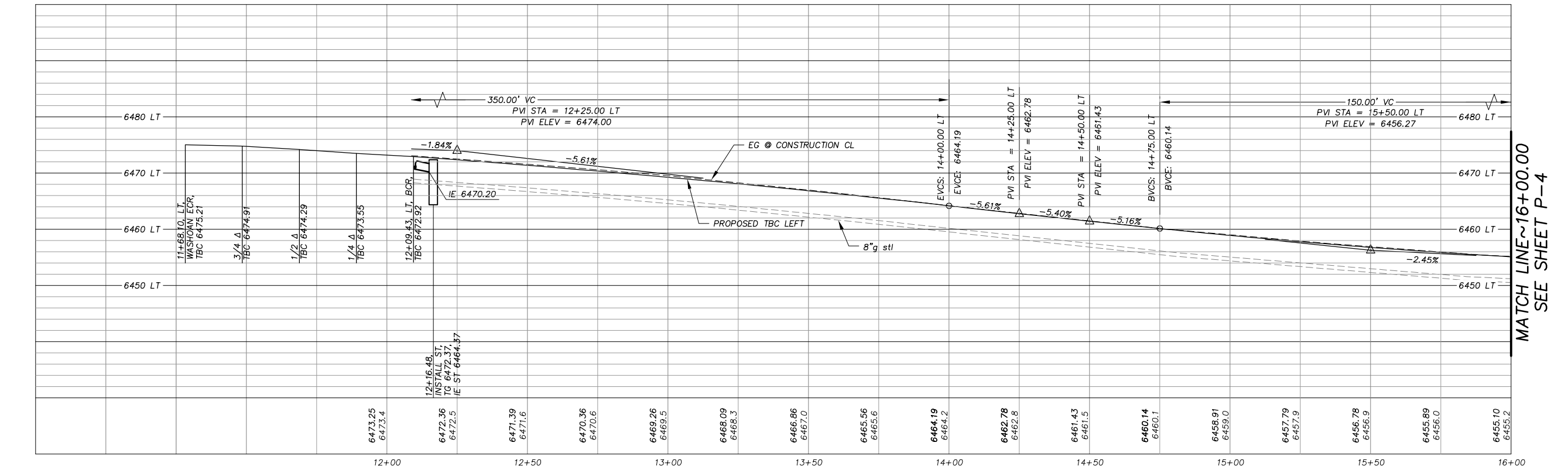
SHEET
P-2
6 OF 22
W.O. No. 95183.1

LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	CURVE	LENGTH	RADIUS	DELTA
L6	200.10	N57°41'58"E	C6	63.79	45.02	81°10'39"
L7	367.21	N58°18'28"E	C7	125.59	4949.32	1°27'14"



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

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



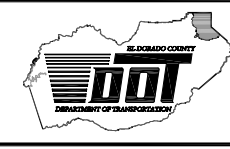
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REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER
DATE: 04/13/09

DESIGNED: TA	DRAWN: TA
CHECKED: DSP	DATE: 03/09
ROAD NUMBER: 114	

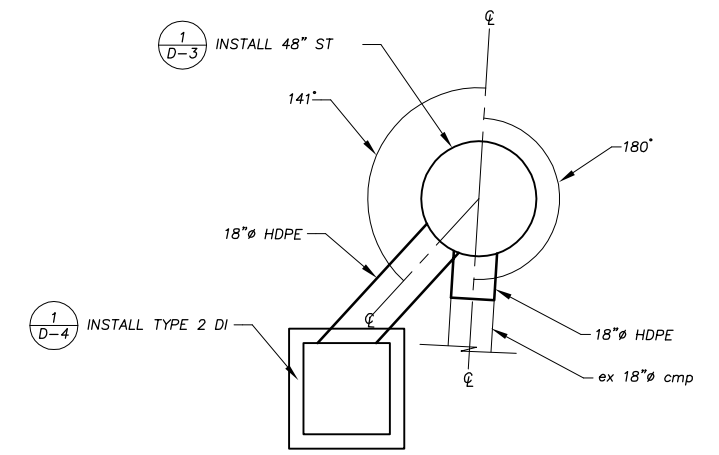
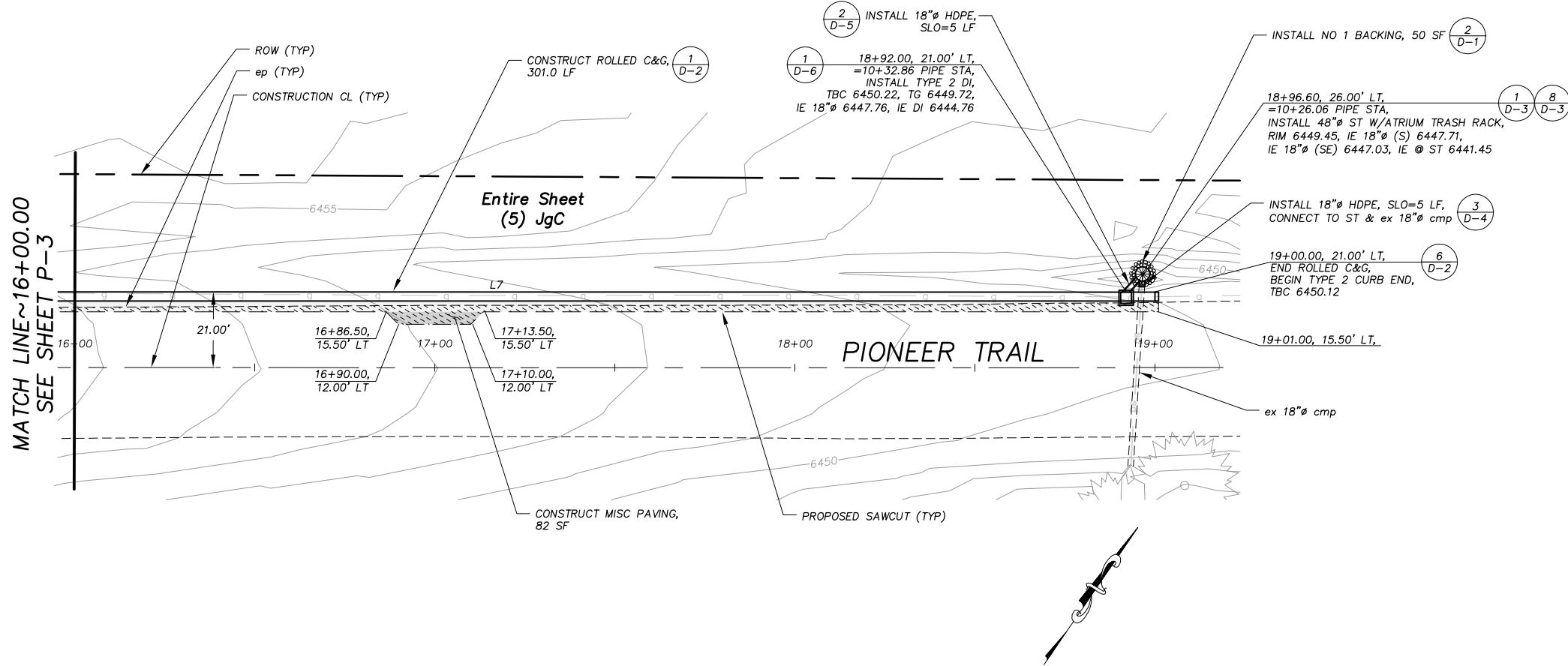


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE 3B.1 EROSION CONTROL PROJECT
PIONEER TRAIL PLAN & PROFILE
STA 11+62.98 TO STA 16+00.00

SHEET
P-3
7 OF 22
W.O. No. 95183.1

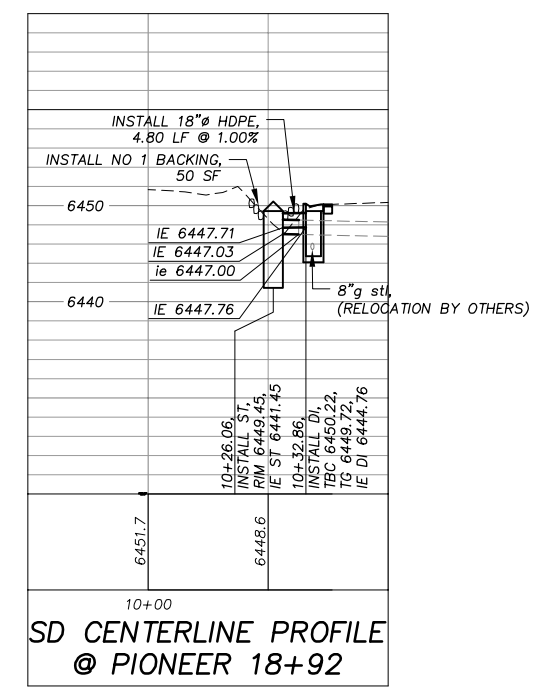
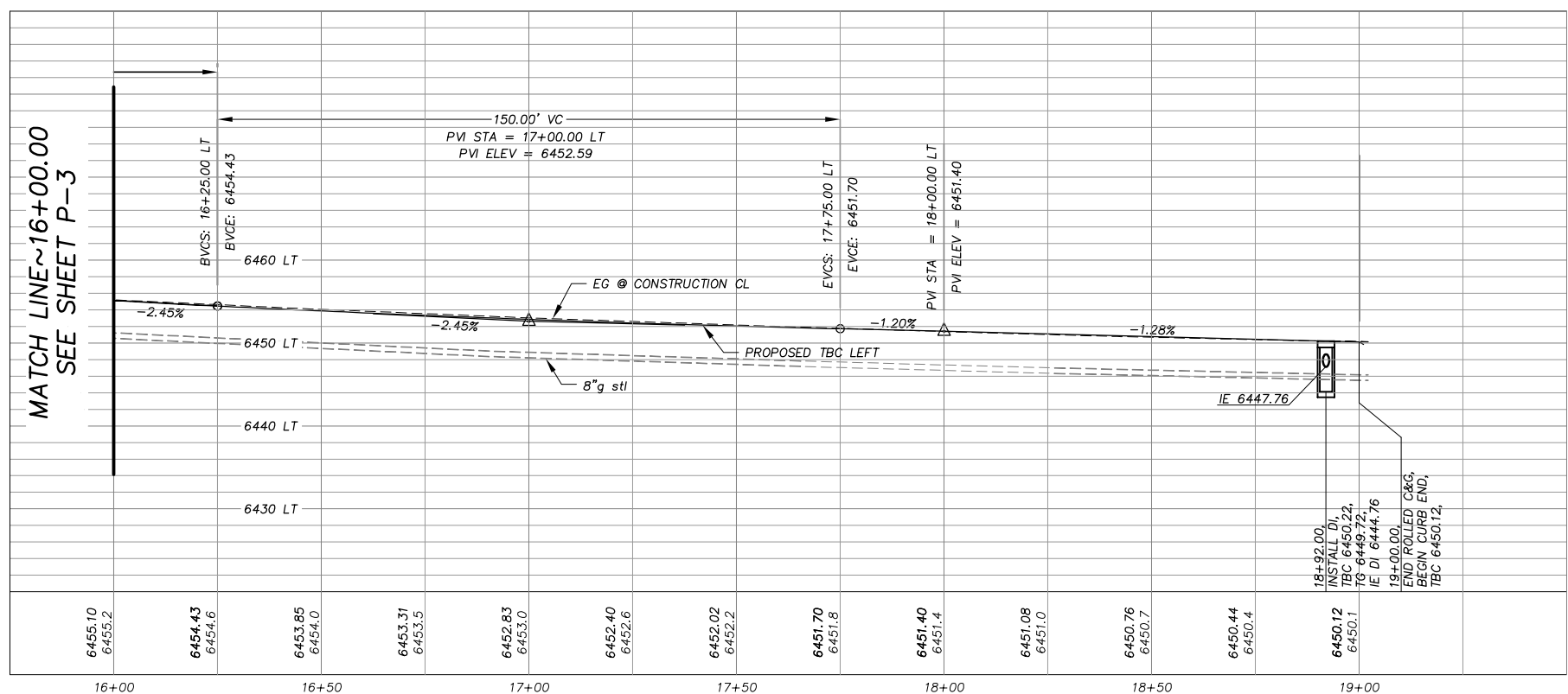
LINE TABLE		
LINE	LENGTH	BEARING
L7	367.21	N58°18'28"E



SEDIMENT TRAP HORIZONTAL CONTROL
N.T.S.

!! WARNING !!
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PLAN & PPROFILE
SCALE: HORIZ 1"=20'
VERT 1"=10'



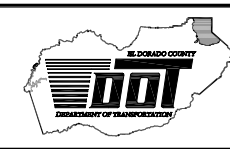
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REGISTERED CIVIL ENGINEER
DATE: 04/13/09

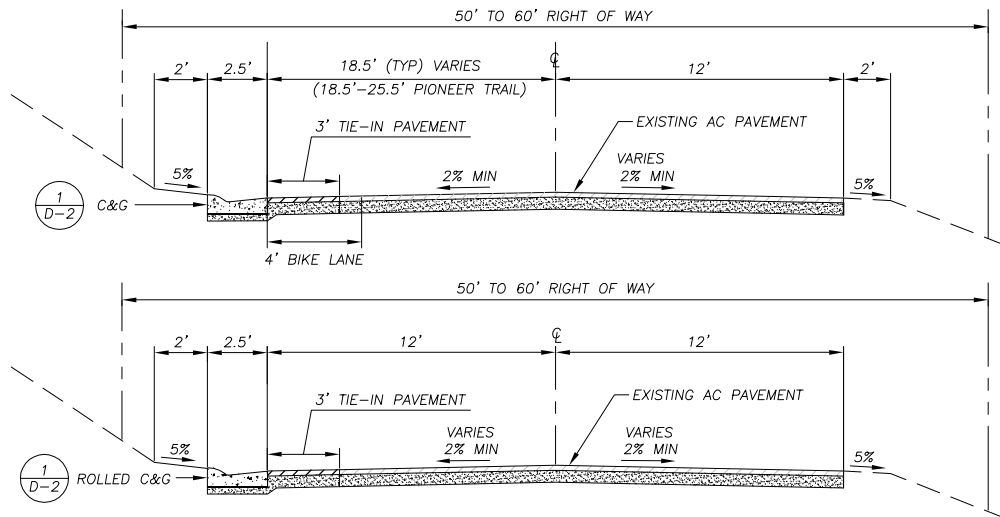
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CHECKED: DSP
DATE: 03/09
ROAD NUMBER: 114



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE 3B.1 EROSION CONTROL PROJECT
PIONEER TRAIL PLAN & PROFILE
STA 16+00.00 TO STA 19+01.00

SHEET
P-4
8 OF 22
W.O. No. 95183.1

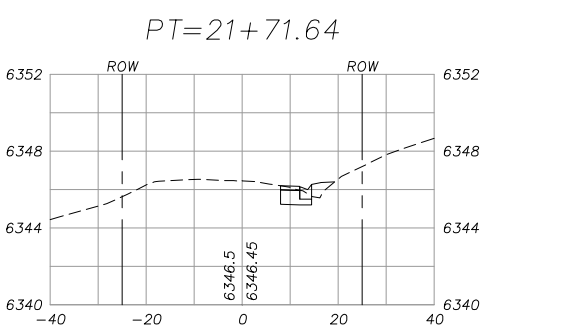
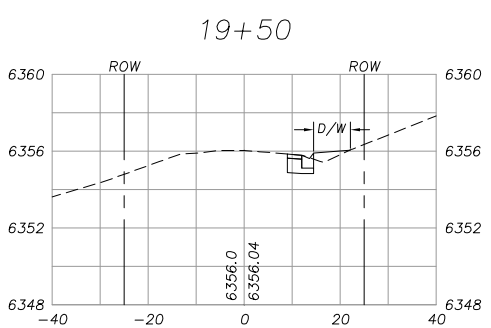
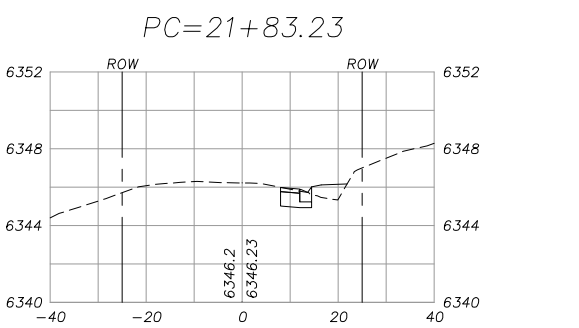
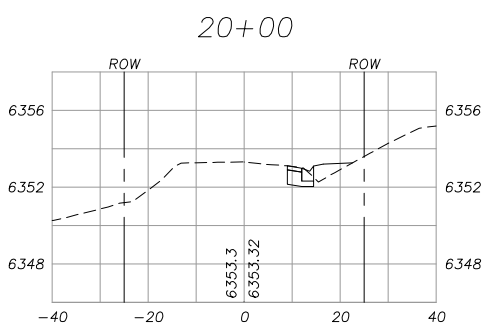
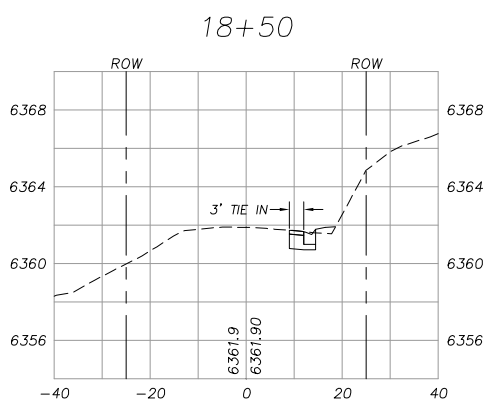
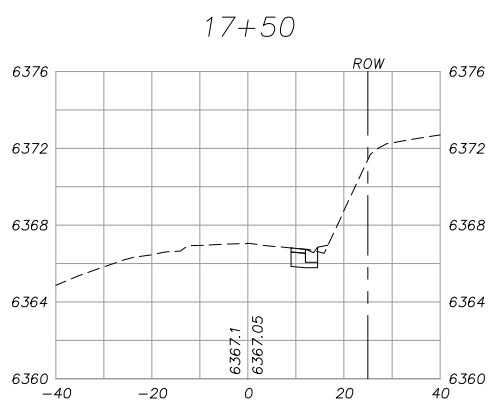
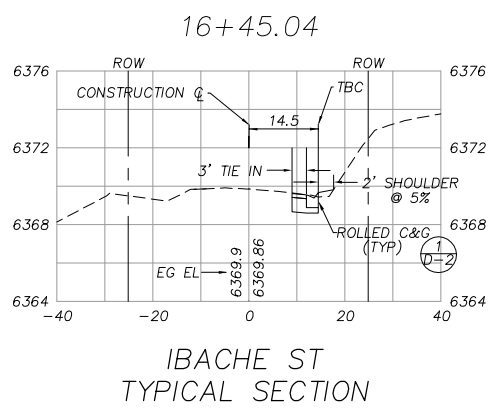
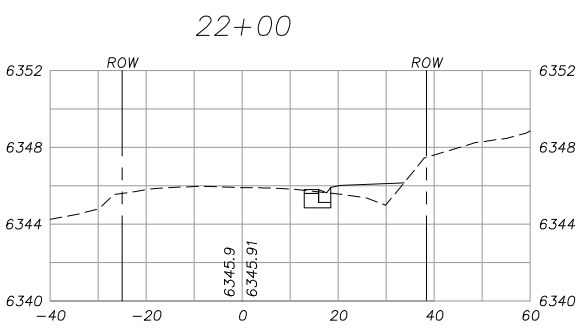
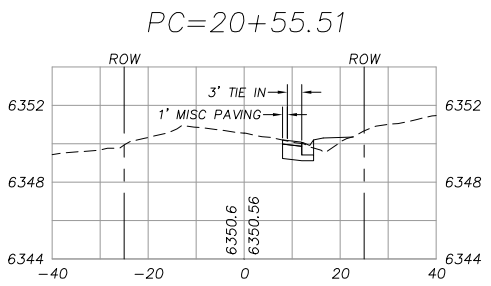
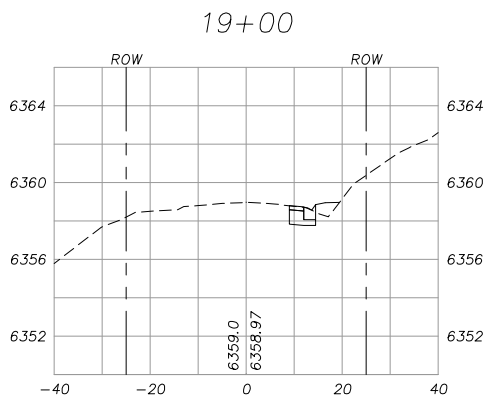
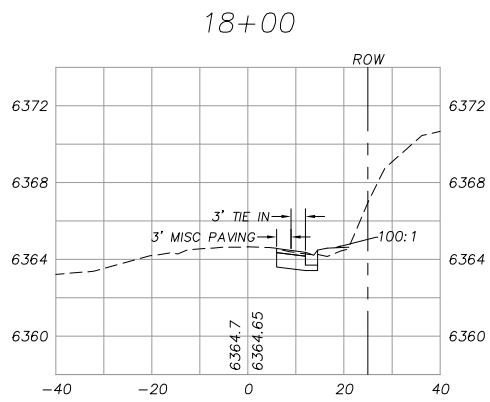
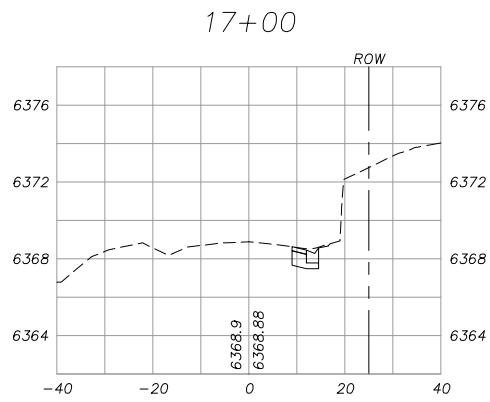


NOTE: 1) THIS IS A TYPICAL COUNTY ROAD SECTION AND MAY NOT REFLECT ACTUAL CONDITIONS OF THE ROADWAYS WITHIN THE APALACHEE PHASE 3B.1 PROJECT AREA, SEE CROSS SECTION SHEETS FOR ACTUAL SECTIONS.
2) PAVEMENT REPLACEMENT BEYOND THE 3' TIE-IN PAVEMENT SHALL BE PAID FOR UNDER MISC. PAVING.

TYPICAL ROAD SECTION WITH 12' TRAVEL LANES

NTS

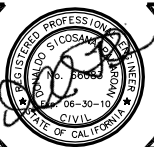
1
X-1



IBACHE ST TYPICAL SECTION

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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

David J. ...

REGISTERED CIVIL ENGINEER

DATE: 04/10/09

DESIGNED: TA

DRAWN: TA

CHECKED: DSP

DATE: 03/09

ROAD NUMBER:



EL DORADO COUNTY

DEPARTMENT OF TRANSPORTATION

TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT

IBACHE ST. CROSS SECTIONS

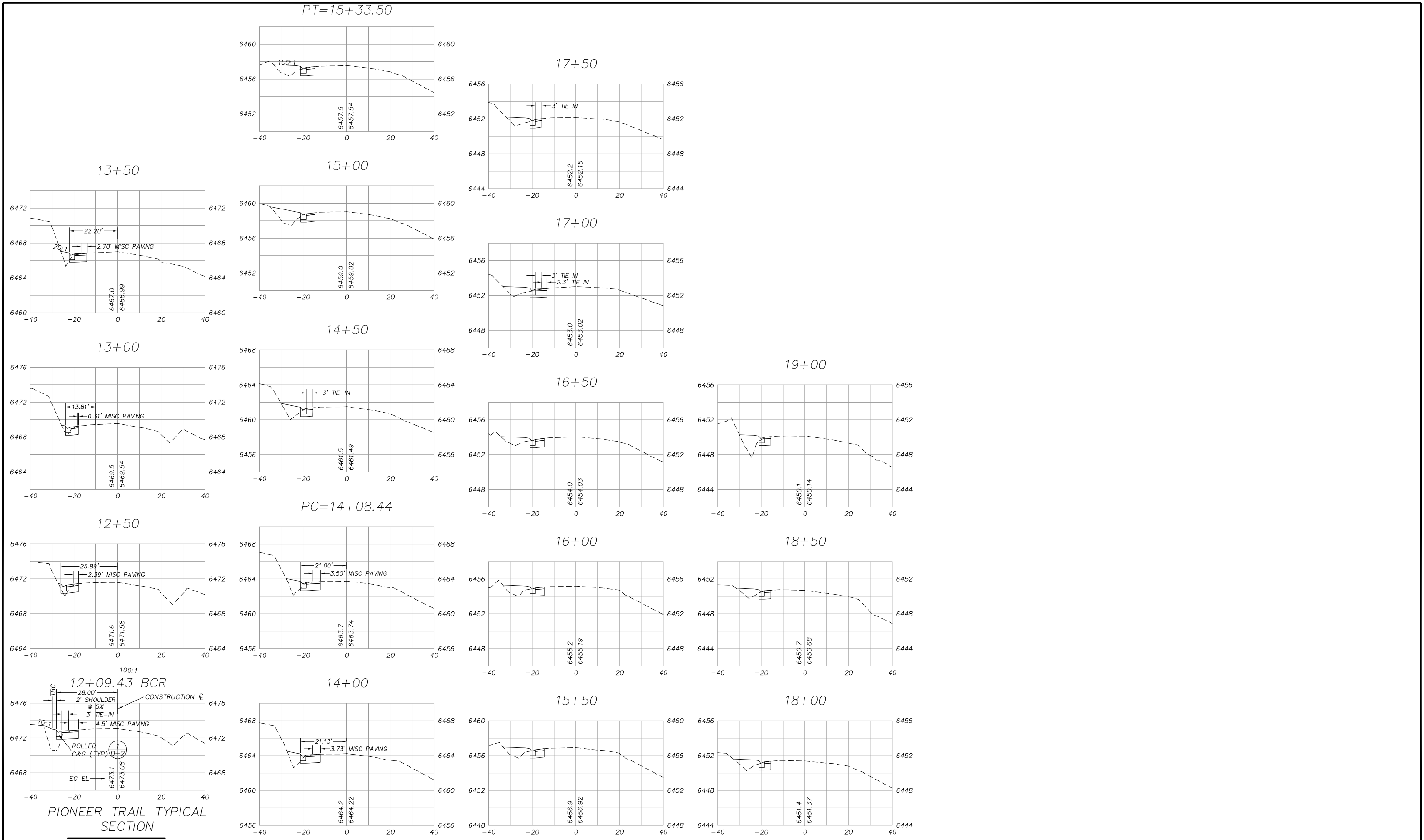
STA 16+45.04 TO 22+50.00

SHEET X-1

9 OF 22

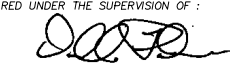
W.O. No. 95183.1

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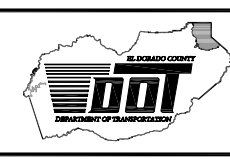


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

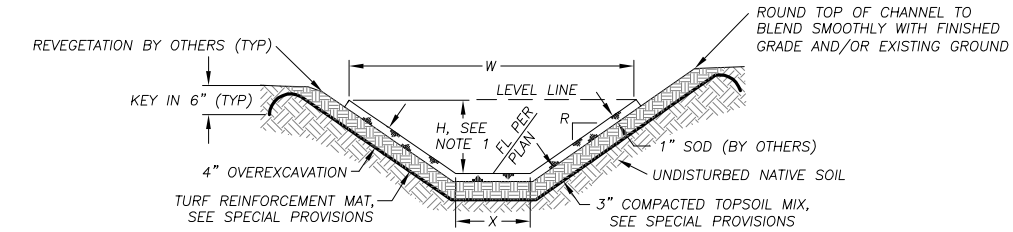
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 DRAWN: JTC
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER:



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

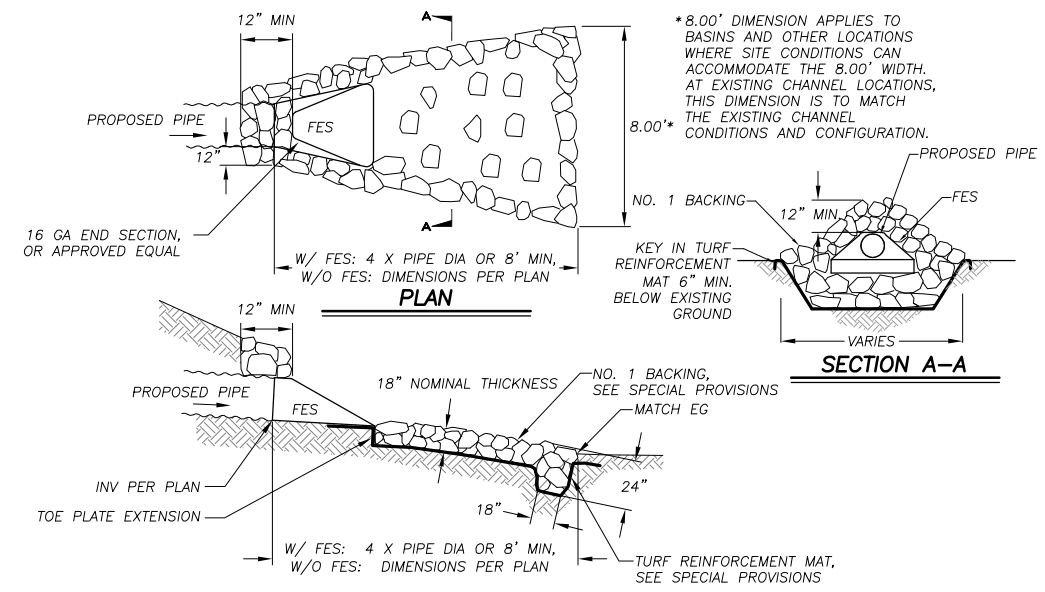
APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 PIONEER TRAIL CROSS SECTIONS
 STA 12+09.43 TO 19+00.00

SHEET X-2
 10 OF 22
 W.O. No. 95183.1



PLAN SHEET	STREET AND STATION	LF	TOP WIDTH, W	BOTTOM WIDTH, X	DEPTH, H	SLOPE RATIO, R
P-2	IBACHE STA 16+34.04	89	VARIES 1.0'-7.0'	1.0'	VARIES 1.5'-0'	3:1

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



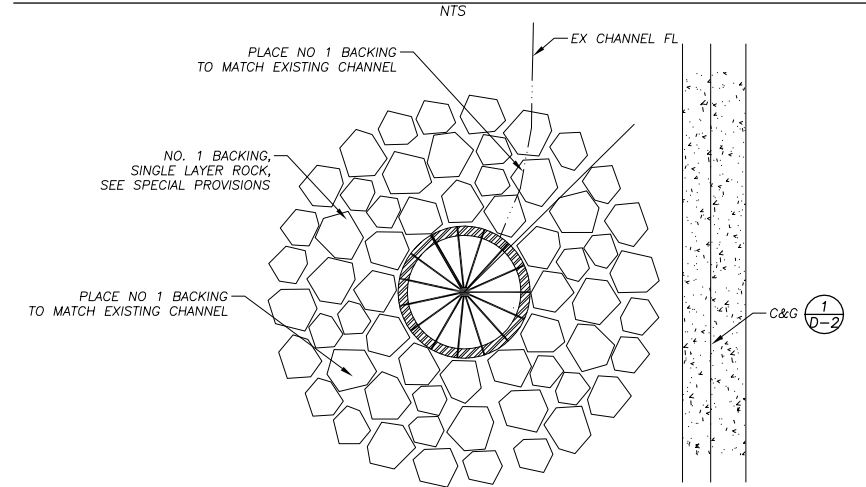
- NOTES:
- ALL FES SHALL BE GALVANIZED.
 - SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

PROFILE
FLARED END SECTION AND ROCK DISSIPATOR

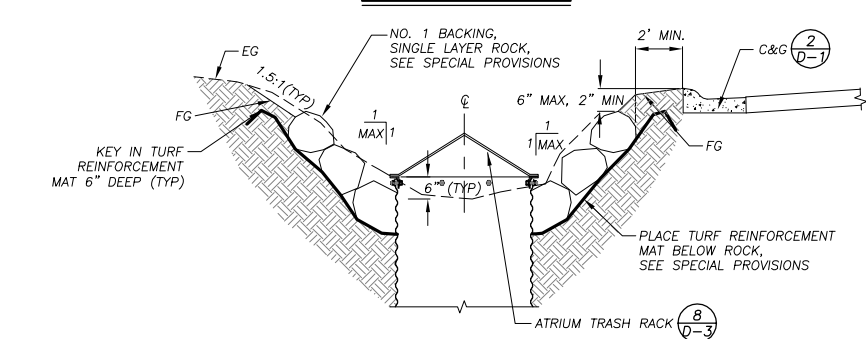
3
D-1

GRASS LINED SWALE

1
D-1



PLAN



PROFILE

NO. 1 BACKING

2
D-1

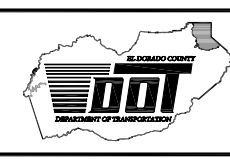
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
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REGISTERED CIVIL ENGINEER
DATE: 04/13/09

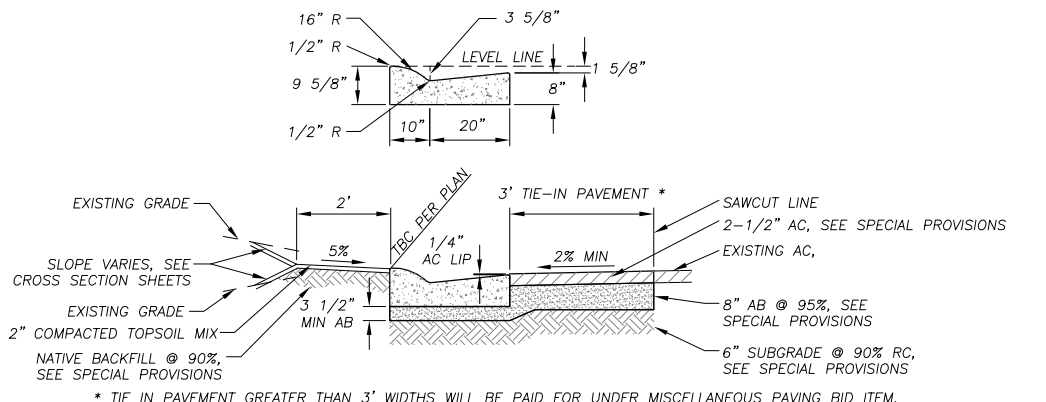
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DRAWN: TA
CHECKED: DSP
DATE: 03/09
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
DETAIL SHEET

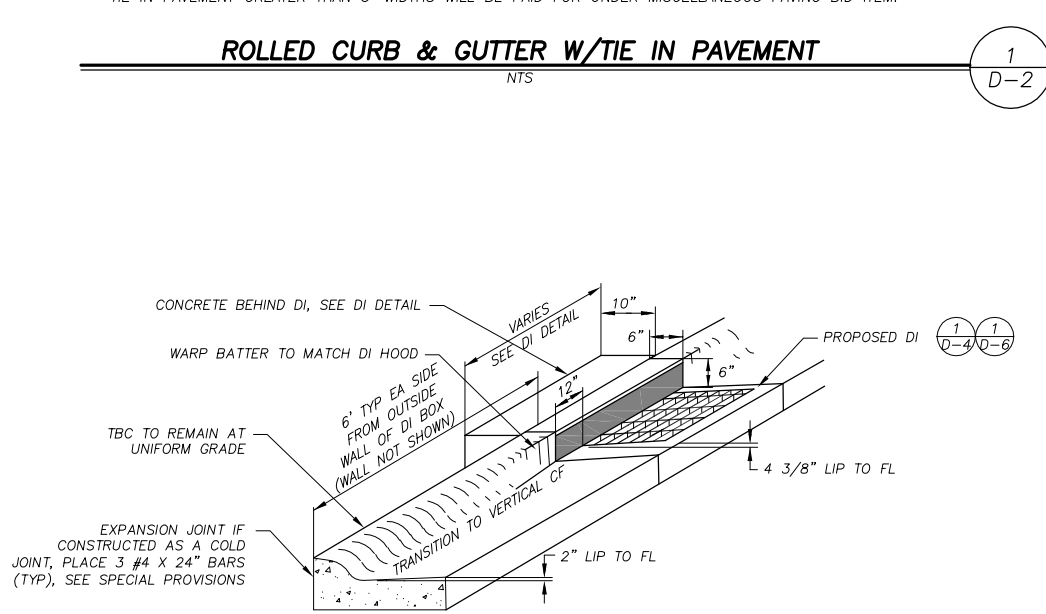
SHEET
D-1
11 OF 22
W.O. No. **95183.1**



ROLLED CURB & GUTTER W/TIE IN PAVEMENT

NTS

1
D-2



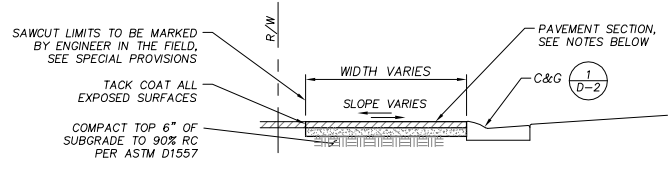
TRANSITION TO DRAINAGE INLET

NTS

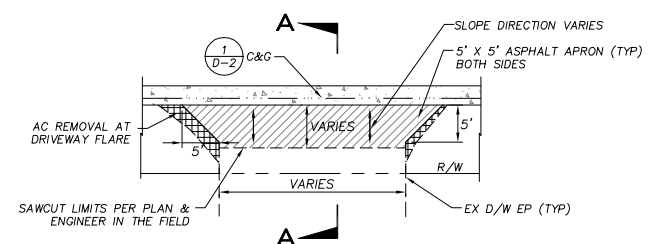
2
D-2

CONCRETE NOTES: THIS SHEET

1. THE STRING LINE SHALL BE SET SUFFICIENTLY IN ADVANCE OF THE SCHEDULED POUR, BUT IN NO CASE LESS THAN 2 HOURS, TO ALLOW THE ENGINEER TO CHECK THE LINE AGAINST CUT LINE GRADES AND PROVIDE TIME FOR ADJUSTMENT, IF NECESSARY.
2. CURB AND GUTTER SHALL BE CONSTRUCTED MONOLITHICALLY.
3. LOCATE 1/2" PREMOLDED TRANSVERSE EXPANSION JOINTS OF ASPHALT IMPREGNATED CELOTEX IN CURB AND GUTTER AT 200' INTERVALS, AT CURB RETURNS, AT ANY TRANSITION FROM MACHINE EXTRUDED CURB TO FORMED CURB, AND AT ANY LOCATION WHERE CONCRETE PLACEMENT WILL STOP LONG ENOUGH FOR CONCRETE TO SET PRIOR TO CONTINUING WITH ADDITIONAL CONCRETE. PROVIDE 3" DEEP CRACK (WEAKENED PLANE) JOINT EVERY 10'.
4. ALL CONCRETE FOR THOSE ITEMS SHOWN ON THIS SHEET SHALL BE FINISHED BY BRUSHING WITH A SOFT BROOM AND SPRAYED UNIFORMLY WITH A CLEAR PIGMENTED CURING COMPOUND CONFORMING TO SECTION 90-7 OF THE AMENDMENTS TO MAY 2006 STANDARD SPECIFICATIONS.
5. ALL CURB AND GUTTER SHALL BE WATER TESTED AND SHALL DRAIN WITH NO PONDING. IF PONDING DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF A SUFFICIENT AMOUNT OF CURB AND GUTTER TO ELIMINATE THE PONDING. GRINDING OF THE FLOWLINE WILL NOT BE PERMITTED.
6. THE AREA TO BE REGRADED BEHIND THE CURB VARIES, SEE CROSS SECTION SHEETS. CONTRACTOR TO GRADE AND PREPARE AREA FOR REVEGETATION BY OTHERS. NATIVE MATERIAL IS ACCEPTABLE FOR FILL, EXCLUDING ROCKS LARGER THAN 1 1/2" IN DIMENSION. BACKFILL, REGRADE, AND TOPSOIL MIX PLACEMENT AND COMPACTION, WILL BE INCLUDED IN THE CURB AND GUTTER BID PRICE. MULCH AND TACKIFIER APPLICATIONS BY CONTRACTOR AFTER REVEGETATION IS COMPLETE.
7. SEE SPECIAL PROVISIONS FOR SUBGRADE PREPARATION REQUIREMENTS.



SECTION A-A



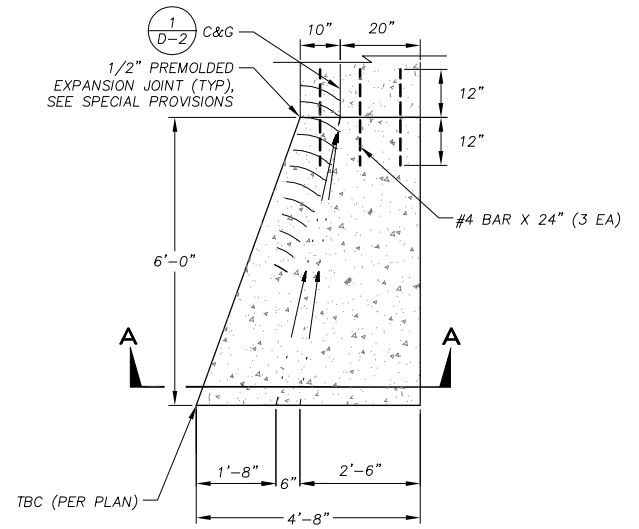
NOTES:

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

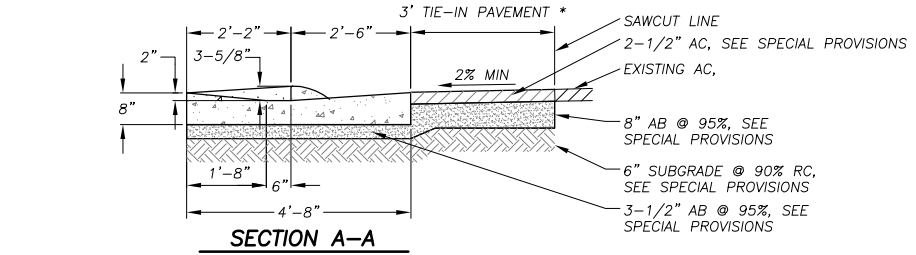
DRIVEWAY R&R

NTS

3
D-2



PLAN



SECTION A-A

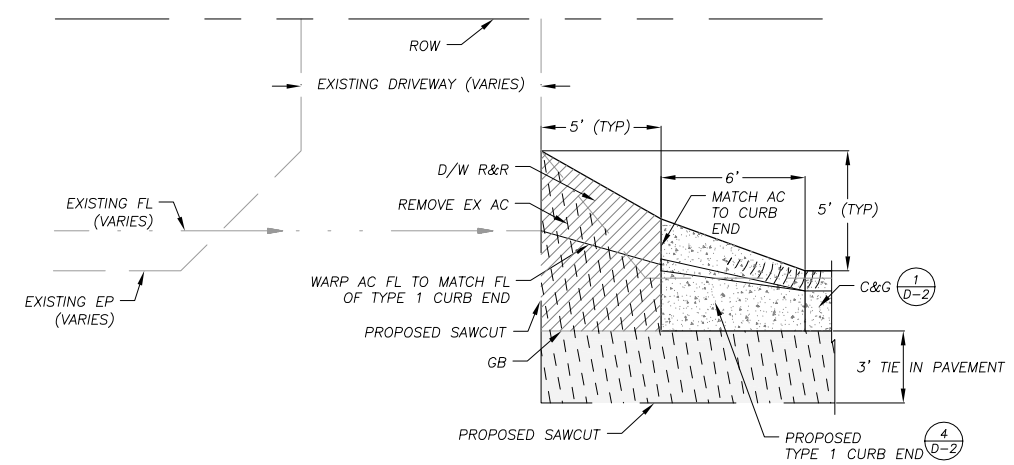
NOTES:

1. IN AREAS WHERE TYPE 1 CURB END TRANSITIONS TO AC DRIVEWAY, CONTRACTOR TO CONSTRUCT TRANSITION PER DETAIL 5/D-2

TYPE 1 CURB END

NTS

4
D-2



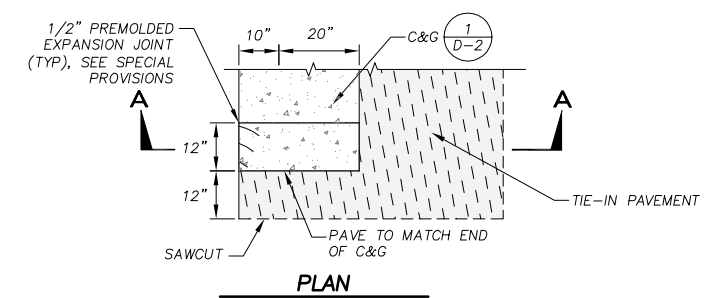
NOTES:

1. DRIVEWAY PAVEMENT REPLACEMENT TO BE 2 1/2" AC OVER 4" AB @ 95% RC.
2. THE ENGINEER SHALL MARK THE SAWCUT LIMITS AT EACH DRIVEWAY.
3. DRIVEWAY PAVING SHALL BE WARPED TO MAINTAIN A SMOOTH TRANSITION AND PREVENT PONDING.

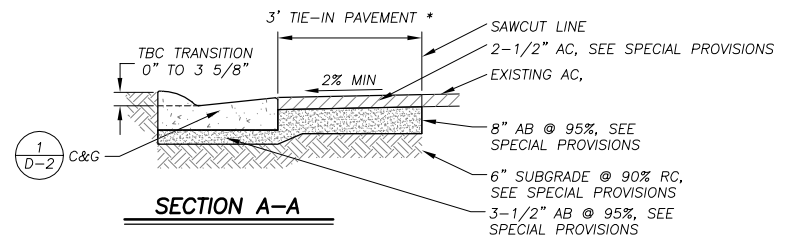
D/W AC TRANSITION TO TYPE 1 CURB END

NTS

5
D-2



PLAN



SECTION A-A

NOTE, PAYMENT FOR TYPE 2 CURB END SHALL BE AS PER LF OF ROLLED C&G BID PRICE
* TIE IN PAVEMENT GREATER THAN 3' WIDTHS WILL BE PAID FOR UNDER MISCELLANEOUS PAVING BID ITEM.

TYPE 2 CURB END

NTS

6
D-2

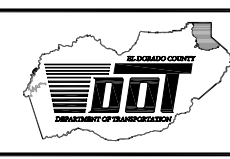
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
REGISTERED CIVIL ENGINEER
DATE: 04/13/09

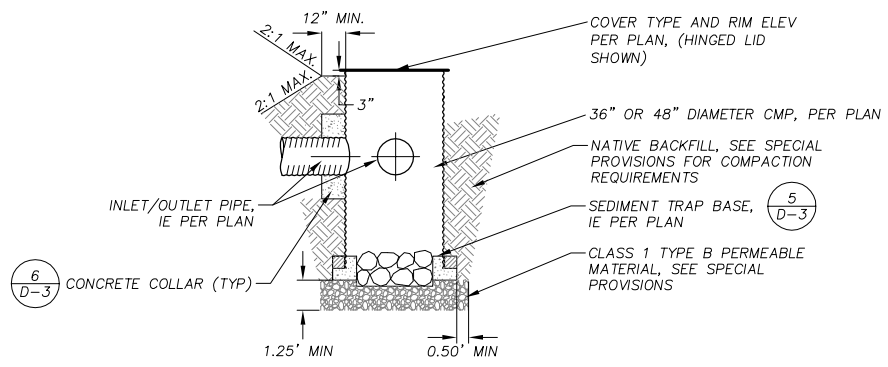
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DRAWN: TA
CHECKED: DSP
DATE: 03/09
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
DETAIL SHEET

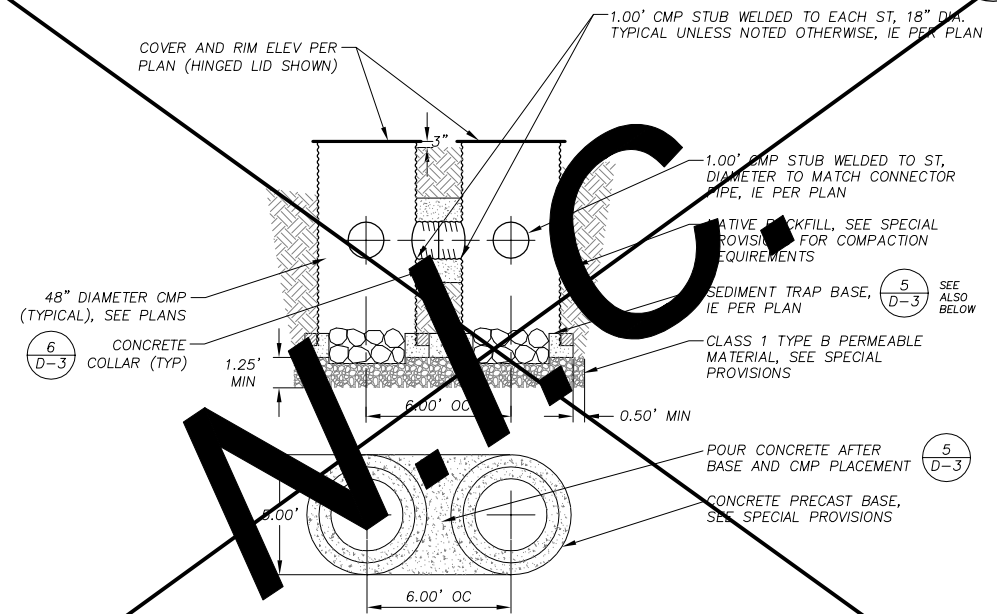
SHEET
D-2
12 OF 22
W.O. No. 95183.1



NOTE: SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

SEDIMENT TRAP

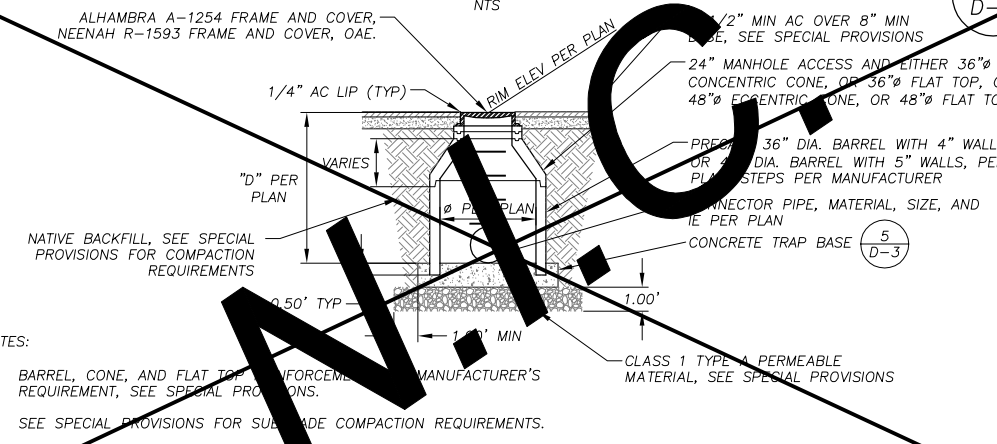
NTS



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

DOUBLE SEDIMENT TRAP

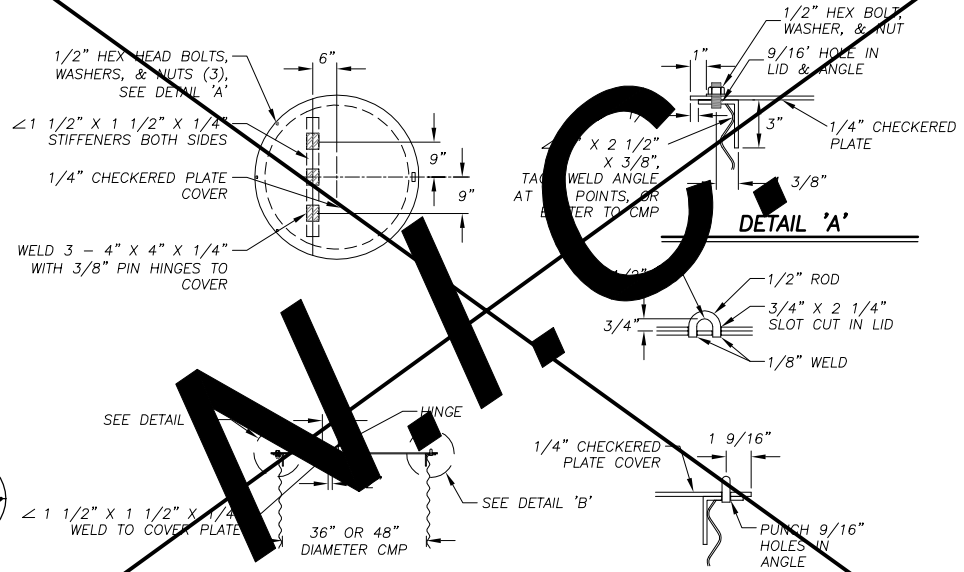
NTS



NOTES:
1. BARREL, CONE, AND FLAT TOP REINFORCEMENT MANUFACTURER'S REQUIREMENT, SEE SPECIAL PROVISIONS.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

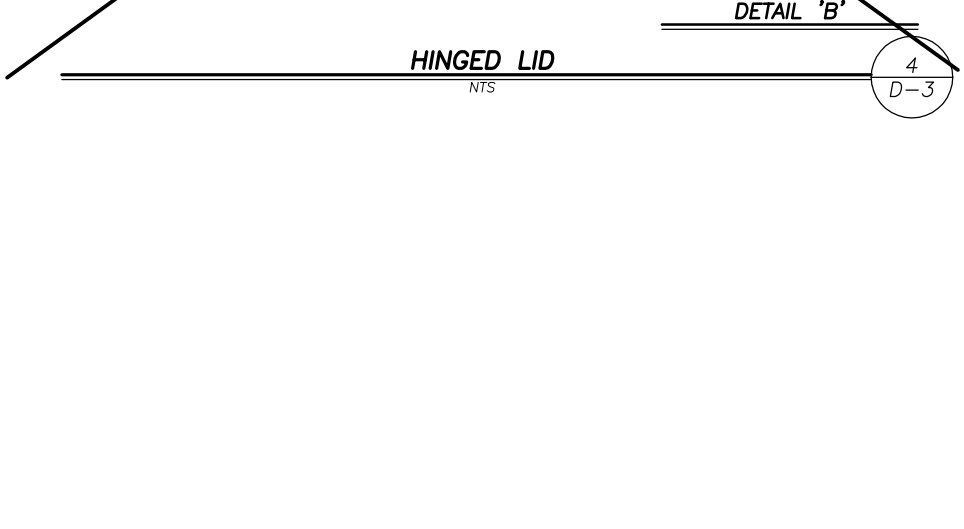
STORM DRAIN MANHOLE

NTS



HINGED LID

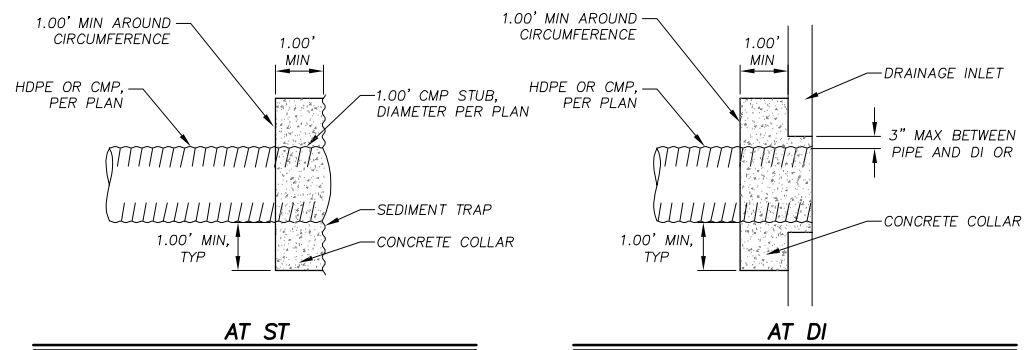
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NOTES:
1. SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.
2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

ST BASE

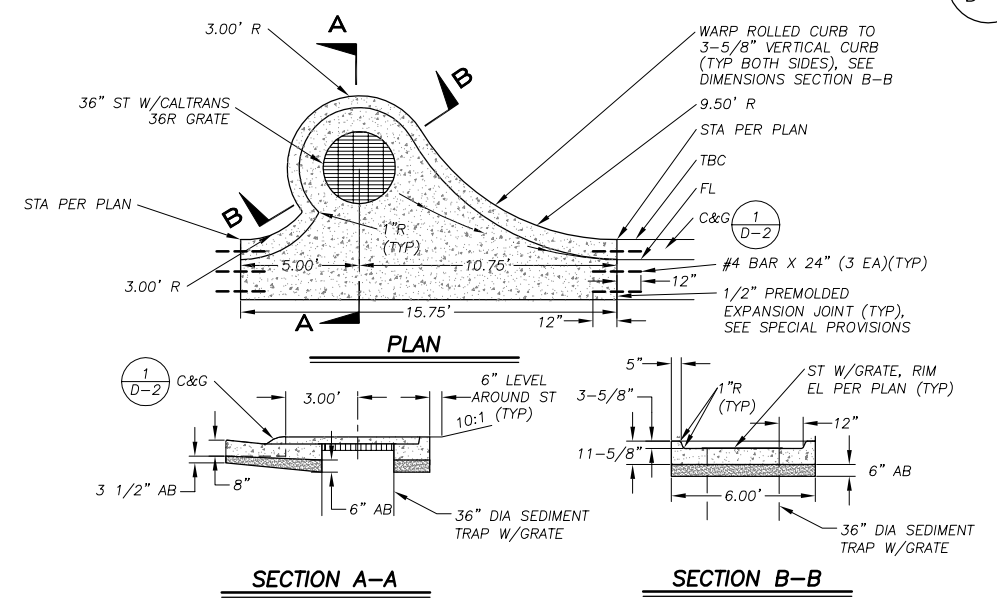
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NOTE: SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.

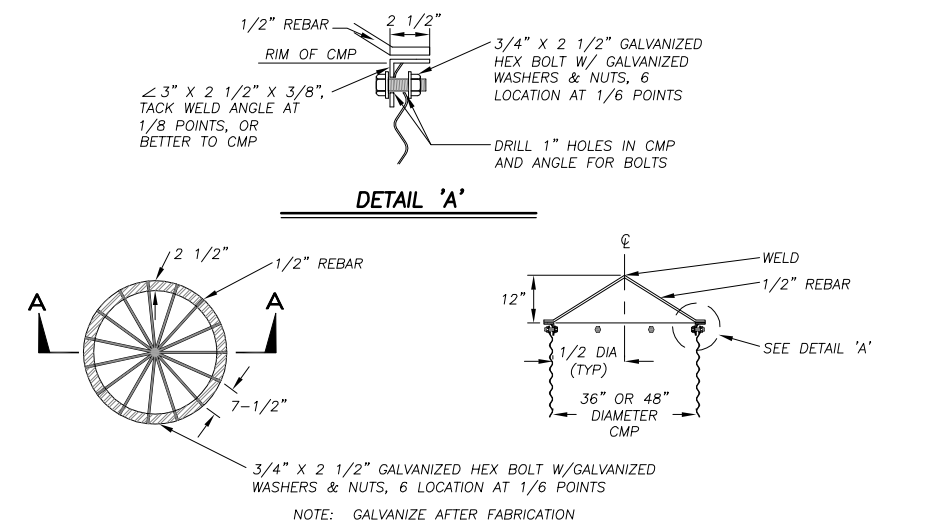
CONCRETE COLLAR

NTS



CURB OPENING SIDE

NTS



NOTE: GALVANIZE AFTER FABRICATION

ATRIUM TRASH RACK

NTS

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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
REGISTERED CIVIL ENGINEER
DATE: 04/13/09

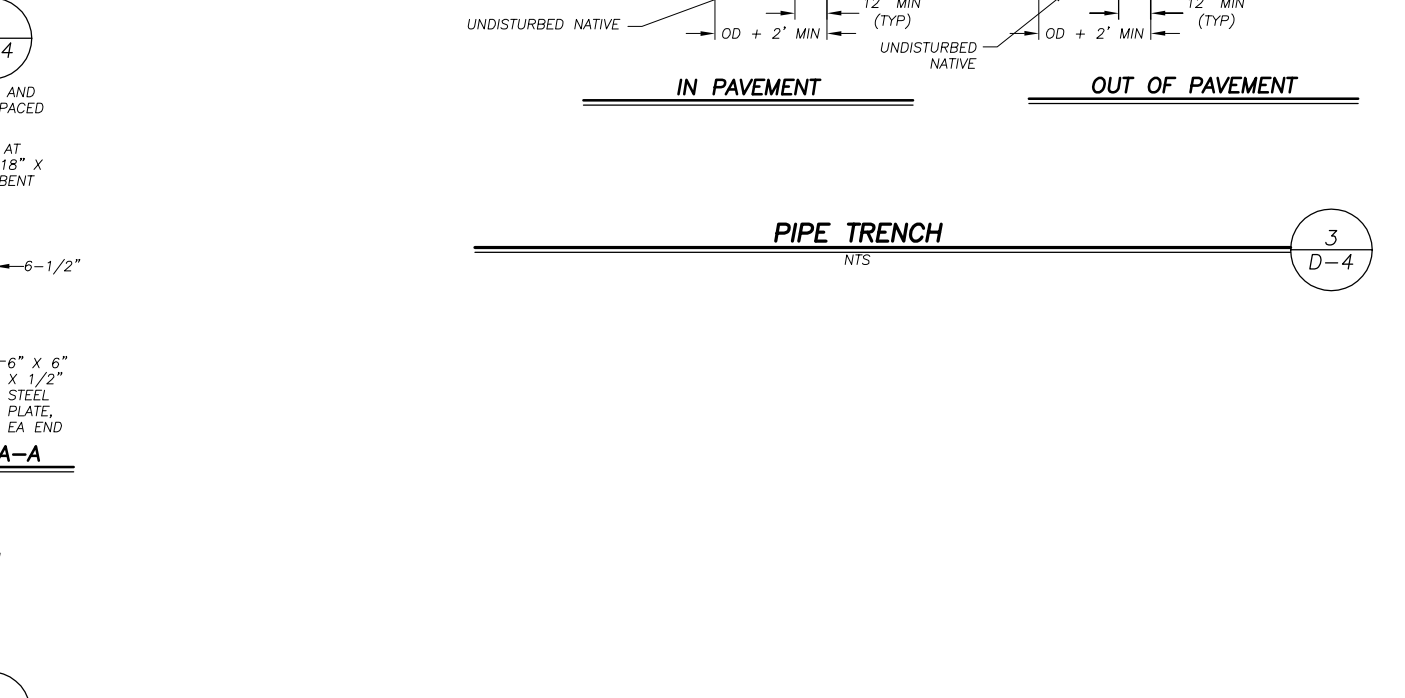
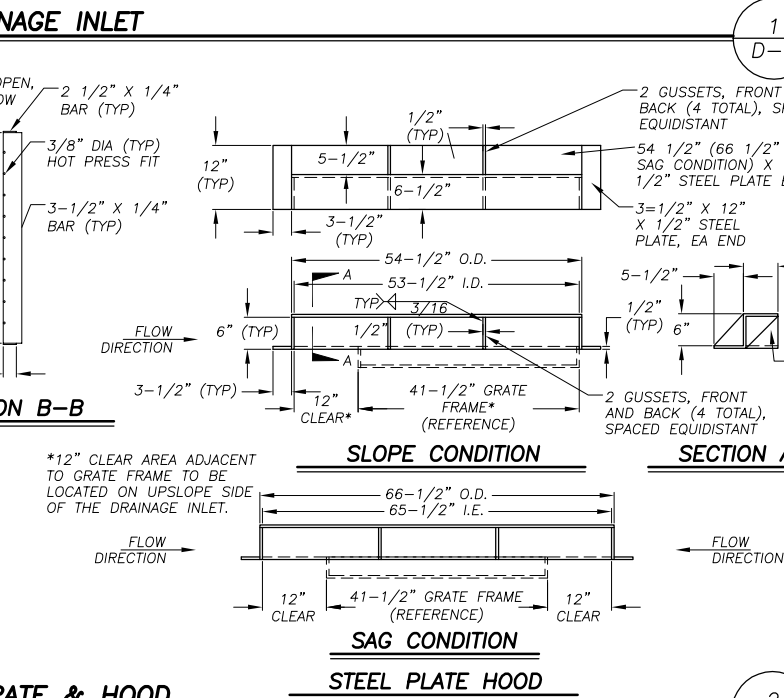
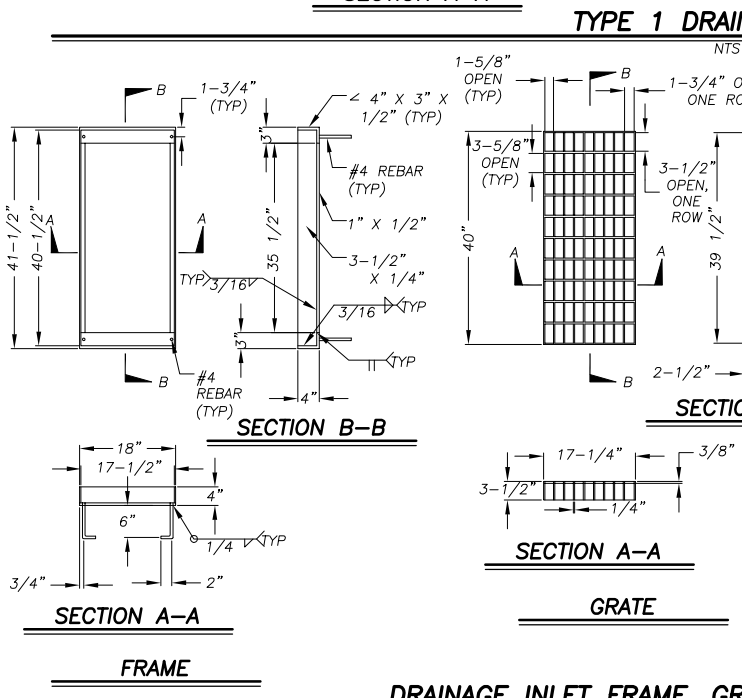
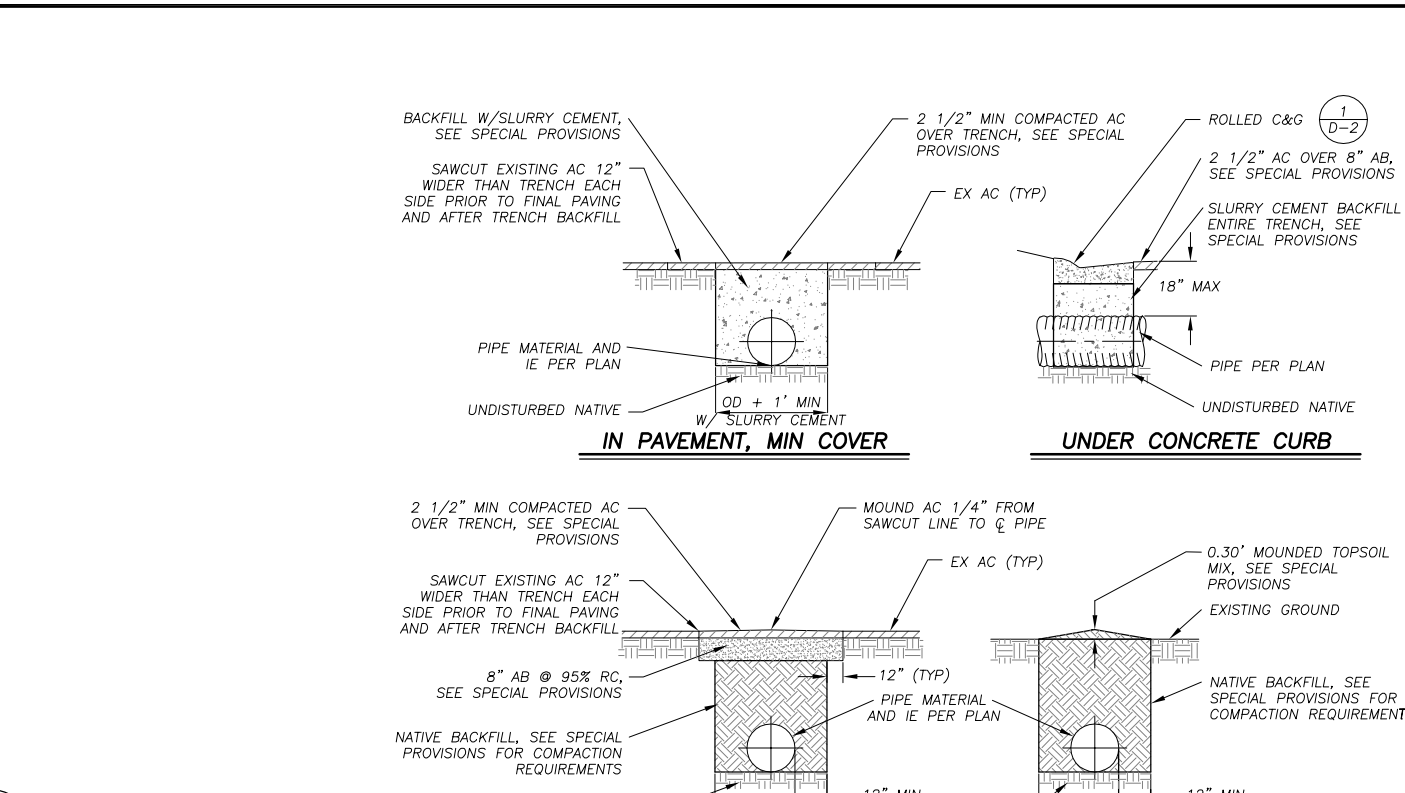
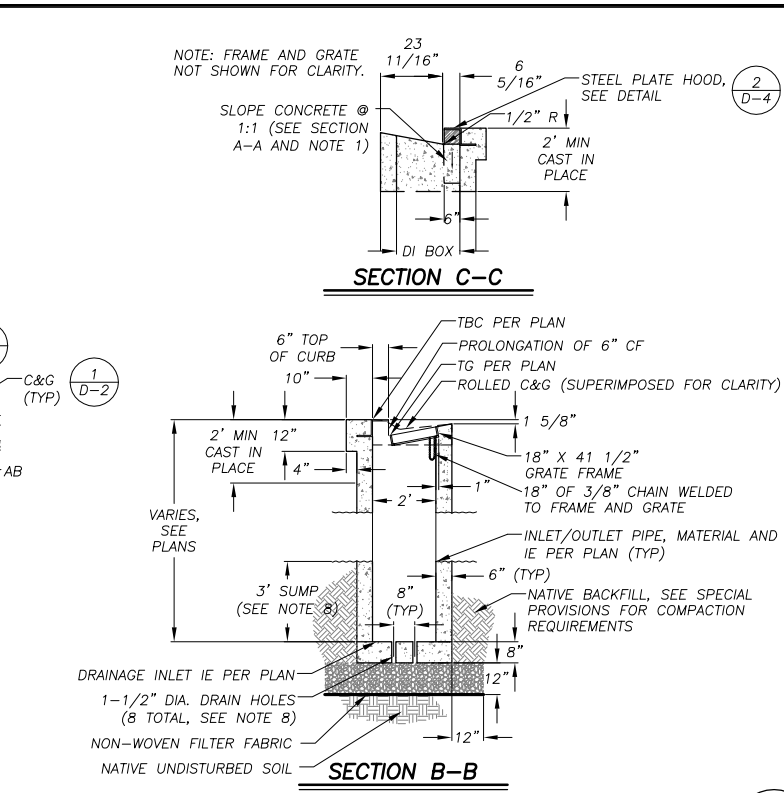
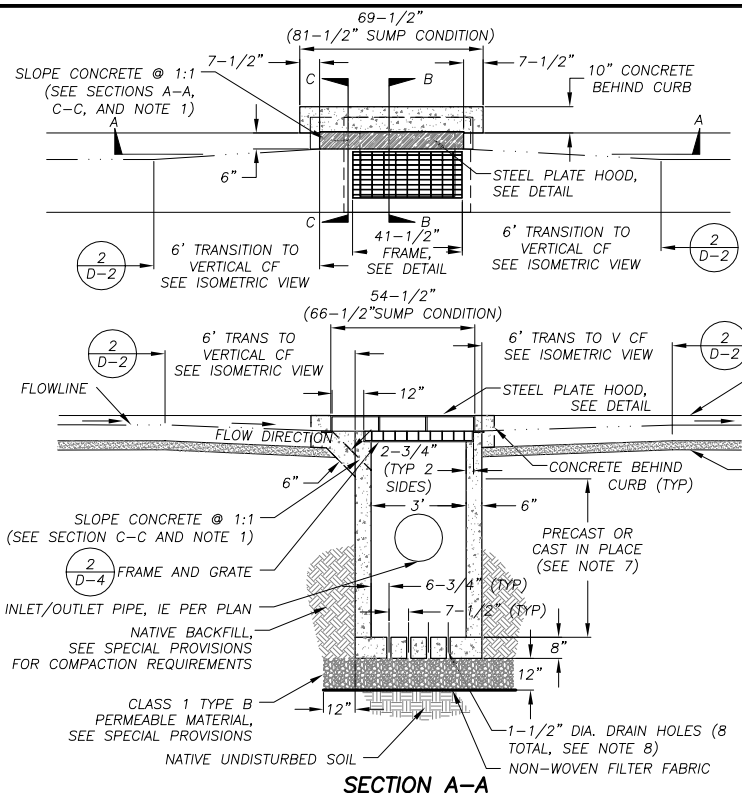
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DRAWN: TA
CHECKED: DSP
DATE: 03/09
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
DETAIL SHEET

SHEET
D-3
13 OF 22
W.O. No. **95183.1**



- DRAINAGE INLET NOTES:**
- THE 1:1 SLOPED CONCRETE SECTION IS TO BE POSITIONED ON THE UP SLOPE SIDE OF THE DRAINAGE INLET. AT SAG LOCATIONS THE 1:1 SLOPED CONCRETE SECTION IS TO BE ON BOTH SIDES OF THE DRAINAGE INLET.
 - DEPRESS GUTTER FLOWLINE FROM 3 5/8" TO 6", AS MEASURED FROM TBC, PER 6' CURB TRANSITION DETAIL.
 - FLOOR OF THE DRAINAGE INLET SHALL BE PLACED PRIOR TO OR AT THE SAME TIME AS THE SIDE WALLS, OR TIED WITH REBAR.
 - FRAME AND GRATE SHALL CONFORM TO THE FRAME AND GRATE DETAIL ON THE PLANS, D&L I-3542, OR EQUAL.
 - DRAINAGE INLET HOOD SHALL BE 1/2" MINIMUM THICKNESS STEEL PLATE.
 - WALL REINFORCING (NOT SHOWN) SHALL BE #4 BARS @ 18" OC EACH WAY, PLACED 1 1/2" CLEAR FROM INSIDE OF BOX. INLET BOTTOM REINFORCING NOT REQUIRED EXCEPT AS NOTED IN NOTE 3, ABOVE.
 - A PRECAST UNIT WITH CAST-IN-PLACE TOP SECTION TO RECEIVE GRATE, FRAME AND HOOD WILL BE AN ACCEPTABLE ALTERNATIVE TO CAST-IN-PLACE UNITS. DRAINAGE INLETS THAT ARE ENTIRELY PRECAST ARE NOT ACCEPTABLE. CAST-IN-PLACE TOP SECTIONS SHALL BE DOWLED INTO THE CURB AND GUTTER WITH 3-#4 BARS, 18" LONG, ON EACH SIDE OF DRAINAGE INLET.
 - WHEN DIRECTED BY ENGINEER, DRAINAGE INLET IE SHALL EQUAL IE OF OUTLET PIPE. CONTRACTOR TO SLOPE DRAINAGE INLET FLOOR TO DRAIN AND OMIT HOLES.

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

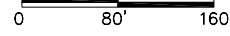
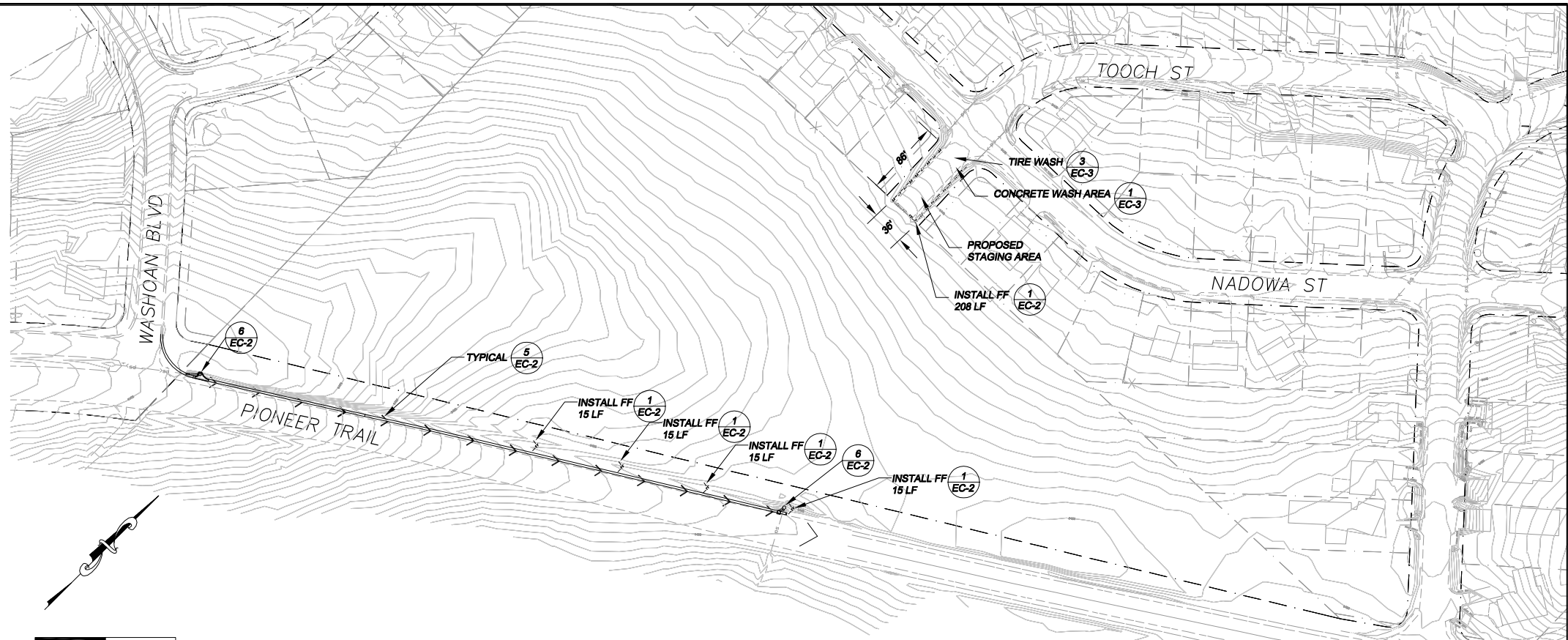
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ROAD NUMBER:

EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

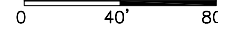
APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
DETAIL SHEET

SHEET D-4
14 OF 22
W.O. No. 95183.1



NOTES:

1. 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.
2. CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES OR TEMPORARY EROSION CONTROL DEVICES INSTALLED AND SATISFACTORILY MAINTAINED.
3. 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.



- COUNTY RIGHT-OF-WAY
- - - EXISTING EDGE OF PAVEMENT
- - - DRAINAGE OR SLOPE EASEMENT
- - - ELECTRICAL/TELEPHONE EASEMENT
- [] EXISTING HOUSE
- sd EXISTING STORM DRAIN
- - - CONSTRUCTION LIMIT OR TREE PROTECTION FENCE
- - - FILTER FENCE
- > C&G, AC DIKE, & AC SWALE SEDIMENT CONTROL
- o PROPOSED SEDIMENT TRAP
- o PROPOSED DRAINAGE INLET
- PROPOSED SDMH
- | PROPOSED PIPE WITH FES
- || PROPOSED CURB & GUTTER, AC SWALE OR AC DIKE
- ◊ PROPOSED ROCK DISSIPATOR
- |||| PROPOSED GRADING

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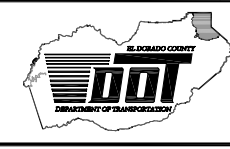
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

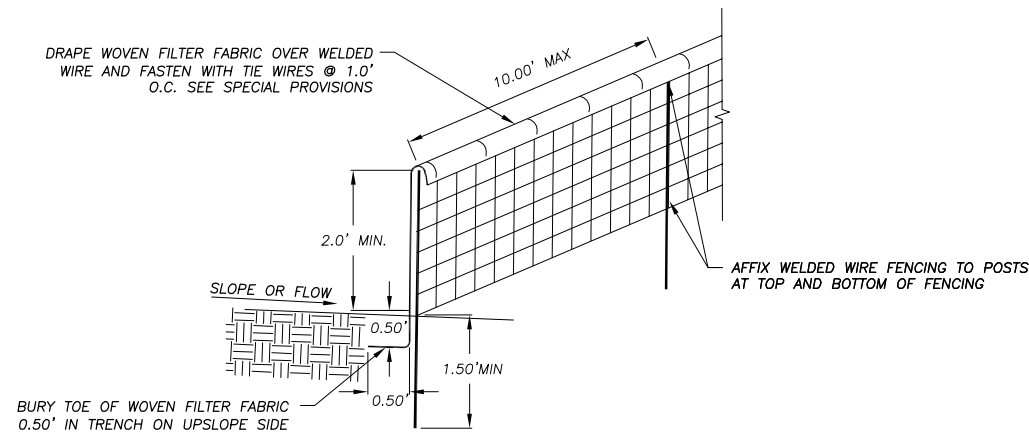
DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER:



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 TEMPORARY EROSION CONTROL PLAN

SHEET
EC-1
 15 OF 22
 W.O. No. **95183.1**

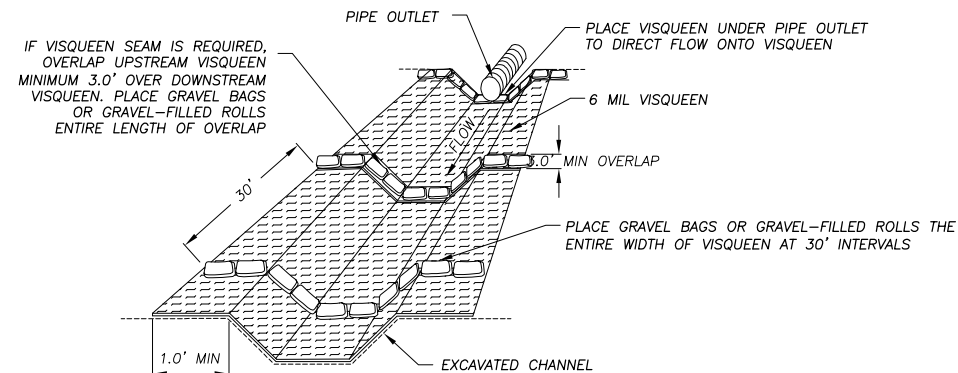


- NOTES:
1. CONTRACTOR MAY USE PRE MANUFACTURED SEDIMENT CONTROL FENCE AS APPROVED BY THE ENGINEER, SEE SPECIAL PROVISIONS.
 2. PLACE FENCING SUCH THAT STORM RUNOFF CANNOT PASS AROUND OR UNDER FENCE.

FILTER FENCE (FF)

NTS

1
EC-2



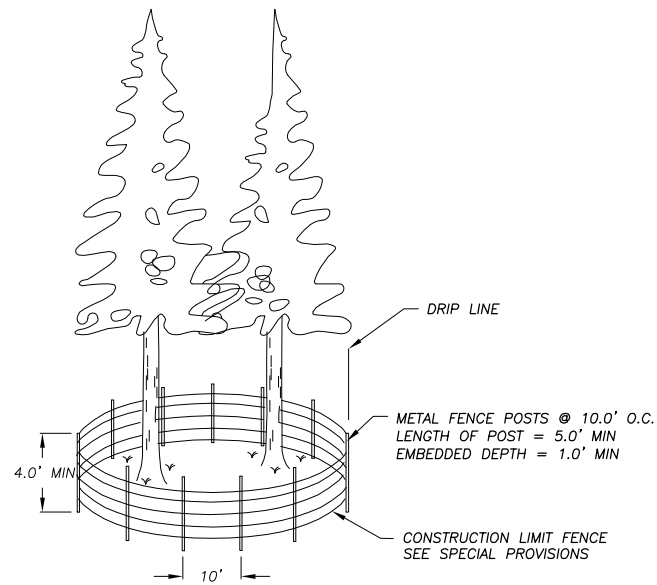
VISQUEEN WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS

NTS

4
EC-2

GENERAL NOTES:

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



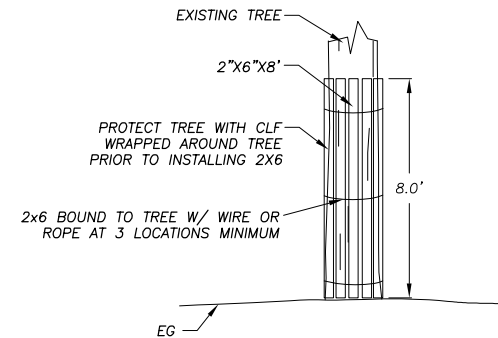
AT DRIPLINE

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

TREE PROTECTION AND CONSTRUCTION LIMIT FENCE (CLF)

NTS

2
EC-2

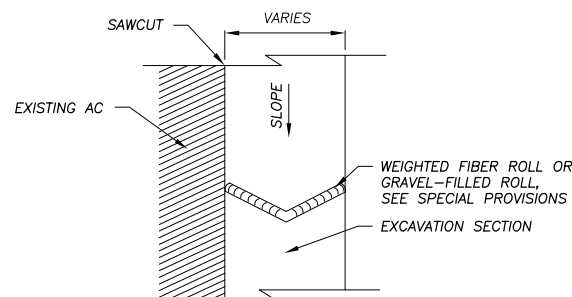


NOTE:
DETAIL ABOVE SHALL BE INSTALLED FOR TREE PROTECTION AT LOCATIONS WHERE CONSTRUCTION LIMIT FENCE INTERFERES WITH CONSTRUCTION ACTIVITIES.

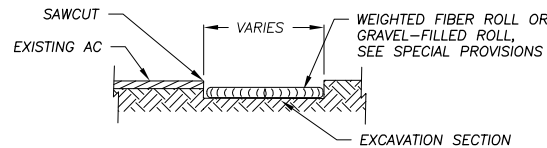
WOODEN TREE TRUNK PROTECTION

NTS

3
EC-2



ON GRADE



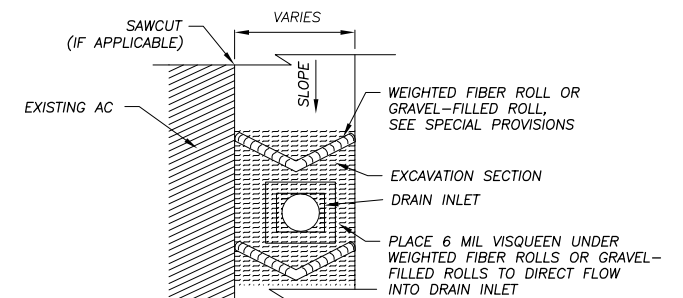
SECTION

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

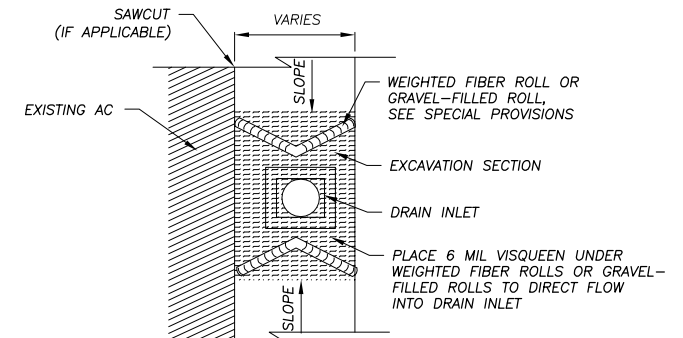
WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS

NTS

5
EC-2



DRAIN INLET ON GRADE



DRAIN INLET SAG

DRAIN INLET PROTECTION

NTS

6
EC-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



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[Signature]
REGISTERED CIVIL ENGINEER
DATE: 09/15/09

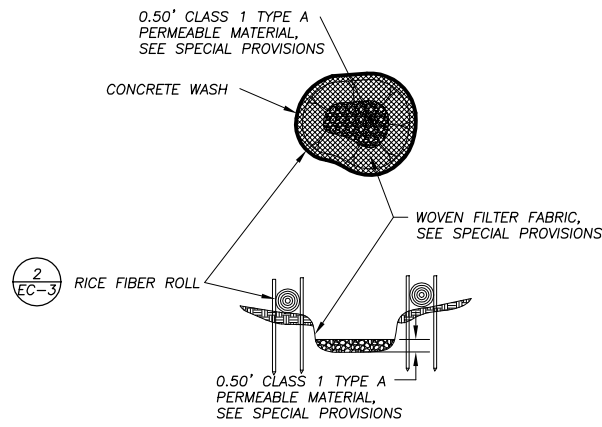
DESIGNED: TA
DRAWN: TA
CHECKED: DSP
DATE: 03/09
ROAD NUMBER:



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
TEMPORARY EROSION CONTROL
DETAILS

SHEET
EC-2
16 OF 22
W.O. No. 95183.1

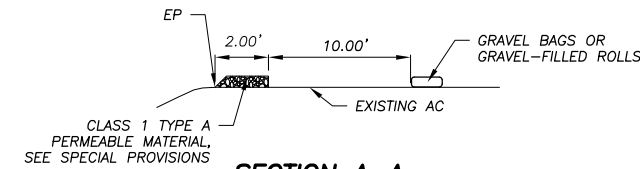
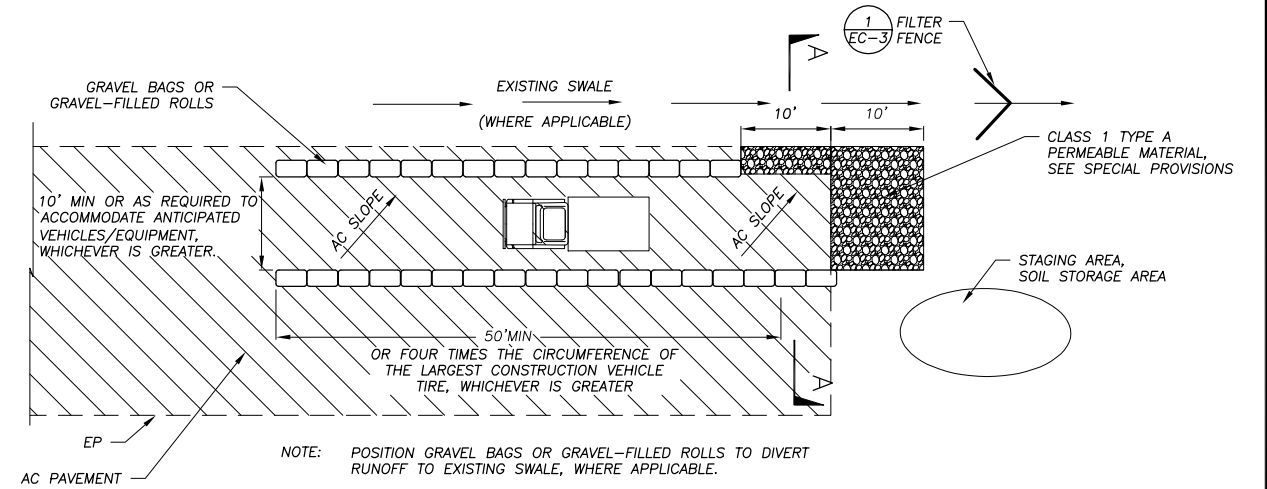


NOTE: CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT W/O OVER TOPPING BASIN.

CONCRETE WASH AREA

NTS

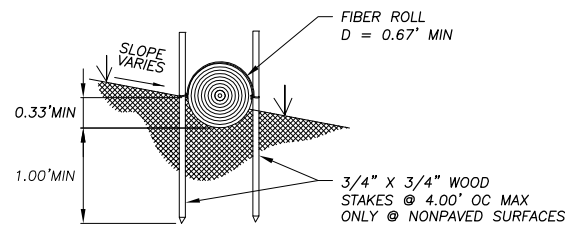
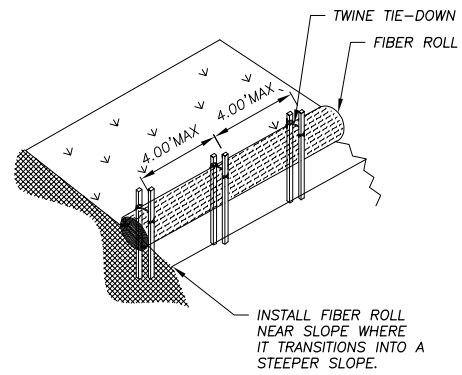
1 EC-3



TIRE WASH AREA (ON PAVEMENT)

NTS

3 EC-3



NOTE: INSTALL FIBER ROLL ALONG LEVEL CONTOUR.

RICE STRAW FIBER ROLLS

NTS

2 EC-3

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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

David J. ...

REGISTERED CIVIL ENGINEER

DATE: 04/13/09

DESIGNED: TA

DRAWN: TA

CHECKED: DSP

DATE: 03/09

ROAD NUMBER:



EL DORADO COUNTY

DEPARTMENT OF TRANSPORTATION

TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT

TEMPORARY EROSION CONTROL

DETAILS

SHEET

EC-3

17 OF 22

W.O. No. **95183.1**



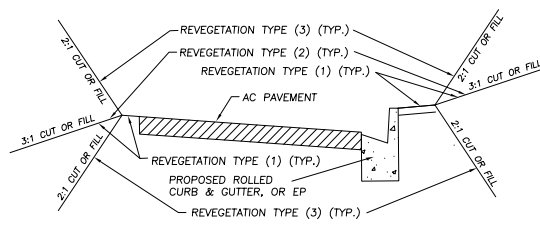
REVEGETATION WORK LEGEND

- TYPE (1) - CONTRACTOR TO PLACE 2" (COMPACTED) TOPSOIL MIX; CALIFORNIA CONSERVATION CORPS (CCC) ADD SEED & SOIL AMENDMENT; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- TYPE (2) - CCC LOOSEN SOIL ON SLOPE; CONTRACTOR APPLIES 1" HUMUS; (CCC) MIX HUMUS WITH LOOSENEED SOIL, ADD SEED, AND SOIL AMENDMENT; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- TYPE (3) - CCC LOOSEN SOIL ON SLOPE; CONTRACTOR APPLIES 1" HUMUS; (CCC) MIX HUMUS WITH LOOSENEED SOIL, ADD SEED, SOIL AMENDMENT, AND BLANKET; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- TYPE (4) - CONTRACTOR PLACES 3" (COMPACTED) TOPSOIL MIX IN CHANNEL/BASIN BOTTOM AND ON CHANNEL/BASIN SLOPE/BERMS; (CCC) PLACE SEED, BLANKET; CONTRACTOR APPLIES 1" MULCH AND 1" OF TACKIFIER ON THE TOP OF BASIN BERMS AND ON THE OUTSIDE SLOPES OF BASIN BERMS.
- TYPE (5) - CONTRACTOR PLACES 3" (COMPACTED) TOPSOIL MIX IN BASIN BOTTOM AND ON BASIN SLOPES/BERMS; (CCC) PLACE SEED, PLANT SOD; CONTRACTOR APPLIES 1" MULCH AND TACKIFIER ON THE TOP OF BASIN BERMS AND ON THE OUTSIDE SLOPES OF BASIN BERMS.
- TYPE (6) - CONTRACTOR APPLIES 3" (COMPACTED) TOPSOIL MIX; (CCC) PLACES 1" SOD MAT

- NOTES: 1) REVEGETATION TYPE (1) APPROX. 2'-5' ADJACENT TO CURB AND GUTTER INSTALLATION, EP, AND FLAT AREAS.
 2) REVEGETATION TYPE (2) FOR AREAS ASSOCIATED WITH CULVERT INSTALLATION AND ROCK-LINED CHANNELS AND ON SLOPES EQUAL TO OR FLATTER THAN 3:1.
 3) REVEGETATION TYPE (3) FOR AREAS ASSOCIATED WITH CULVERT INSTALLATION AND ROCK-LINED CHANNELS AND ON SLOPES STEEPER THAN 3:1.
 4) AMENDMENT & MULCH SHALL NOT BE APPLIED TO AREAS WITHIN BASINS OR CHANNELS.
 5) ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL. (BY EDOT)
 6) REVEGETATION TYPE (6) FOR GRASS-LINED SWALES.
 7) SEE SPECIAL PROVISIONS FOR CONTRACTOR SALVAGING TOPSOIL FROM CHANNEL AREAS.
 8) CONTRACTOR SHALL SALVAGE AND TRANSPLANT WILLOW CLUMPS PER PLANS AND SPECIAL PROVISIONS. SPECIFIC TRANSPLANT LOCATIONS WILL BE DIRECTED BY THE ENGINEER IN THE FIELD.

REVEGETATION DEFINITIONS

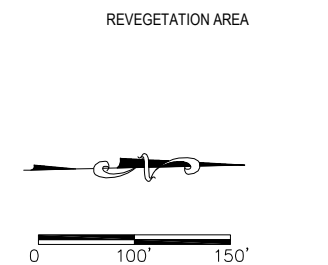
AMENDMENT - BIOSOL @600 LBS./ACRE (OR EQUAL)
 BLANKET BASIN BOTTOM - SC150BN (OR EQUAL)
 BLANKET SLOPES - CF4 (OR EQUAL)
 MULCH - APPLIED WITH BLOWER EQUIPMENT
 TOPSOIL MIX - CONTRACTOR SHALL BLEND TOPSOIL SALVAGED FROM EXCAVATED AREAS (3 PARTS) WITH HUMUS (1 PART). SEE SPECIAL PROVISIONS.
 TACKIFIER - CONTRACTOR SHALL APPLY WOOD-CELLULOSE FIBER MULCH/TACKIFIER OVER AREAS THAT RECEIVE MULCH.



LEGEND

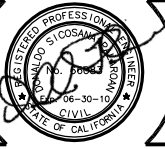
- COUNTY RIGHT-OF-WAY
- EXISTING EDGE OF PAVEMENT
- DRAINAGE OR SLOPE EASEMENT
- ELECTRICAL/TELEPHONE EASEMENT
- EXISTING HOUSE
- o PROPOSED SEDIMENT TRAP
- PROPOSED DRAINAGE INLET
- PROPOSED SDMH
- PROPOSED PIPE WITH FES
- PROPOSED CURB & GUTTER, AC SWALE OR AC DIKE
- PROPOSED ROCK DISSIPATOR
- PROPOSED GRADING

LEGEND



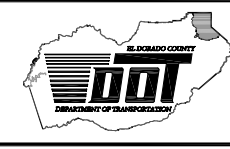
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER:

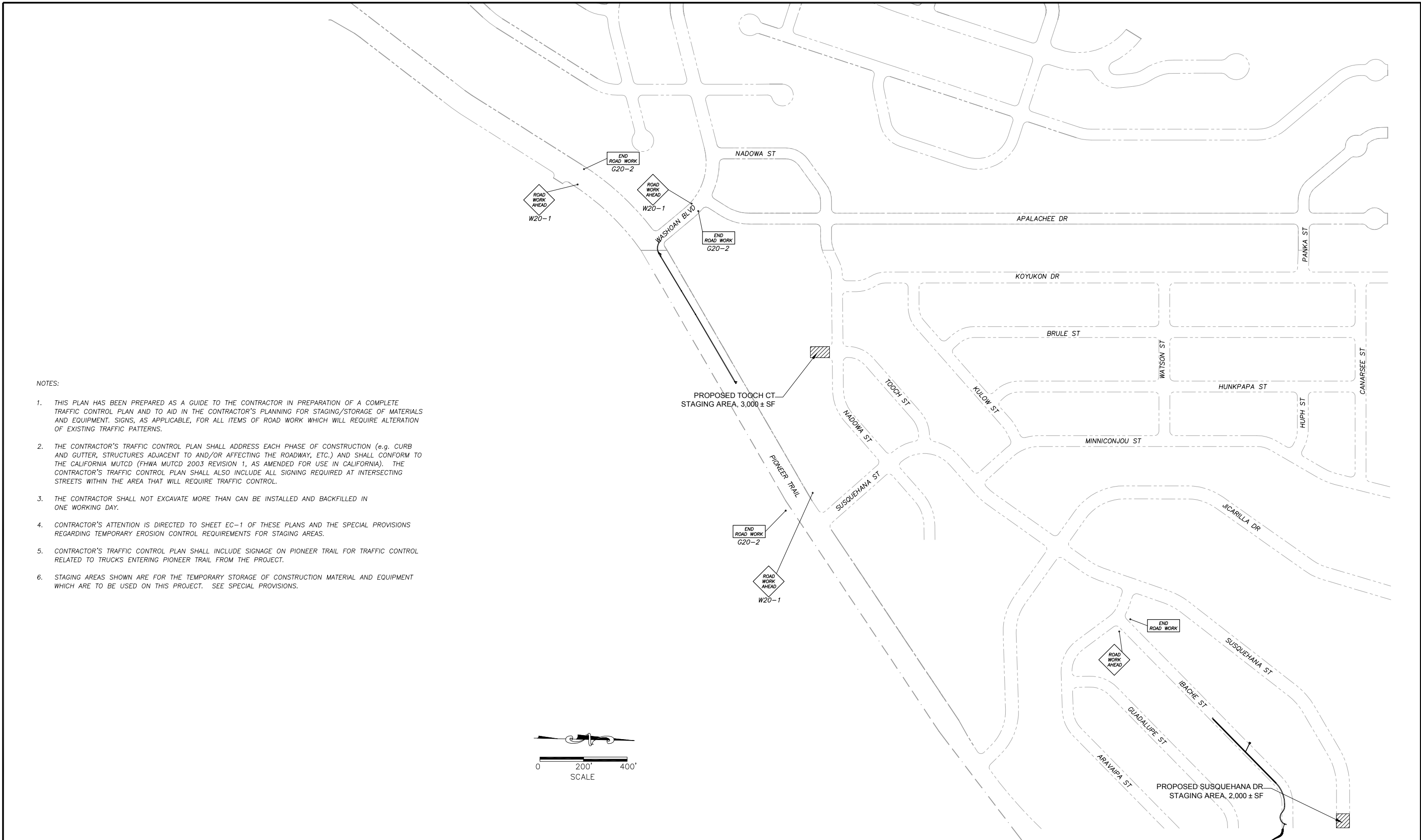


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 REVEGETATION PLAN

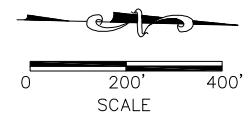
SHEET
R-1
 18 OF 22
 W.O. No. **95183.1**

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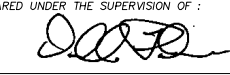
NOTES:

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. SIGNS, AS APPLICABLE, FOR ALL ITEMS OF ROAD WORK WHICH WILL REQUIRE ALTERATION OF EXISTING TRAFFIC PATTERNS.
2. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. CURB AND GUTTER, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND SHALL CONFORM TO THE CALIFORNIA MUTCD (FHWA MUTCD 2003 REVISION 1, AS AMENDED FOR USE IN CALIFORNIA). THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
3. THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
4. CONTRACTOR'S ATTENTION IS DIRECTED TO SHEET EC-1 OF THESE PLANS AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
5. CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE SIGNAGE ON PIONEER TRAIL FOR TRAFFIC CONTROL RELATED TO TRUCKS ENTERING PIONEER TRAIL FROM THE PROJECT.
6. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT. SEE SPECIAL PROVISIONS.

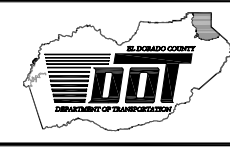


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

DESIGNED: TA
 DRAWN: TA
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER:

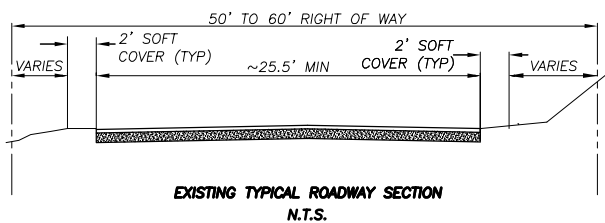
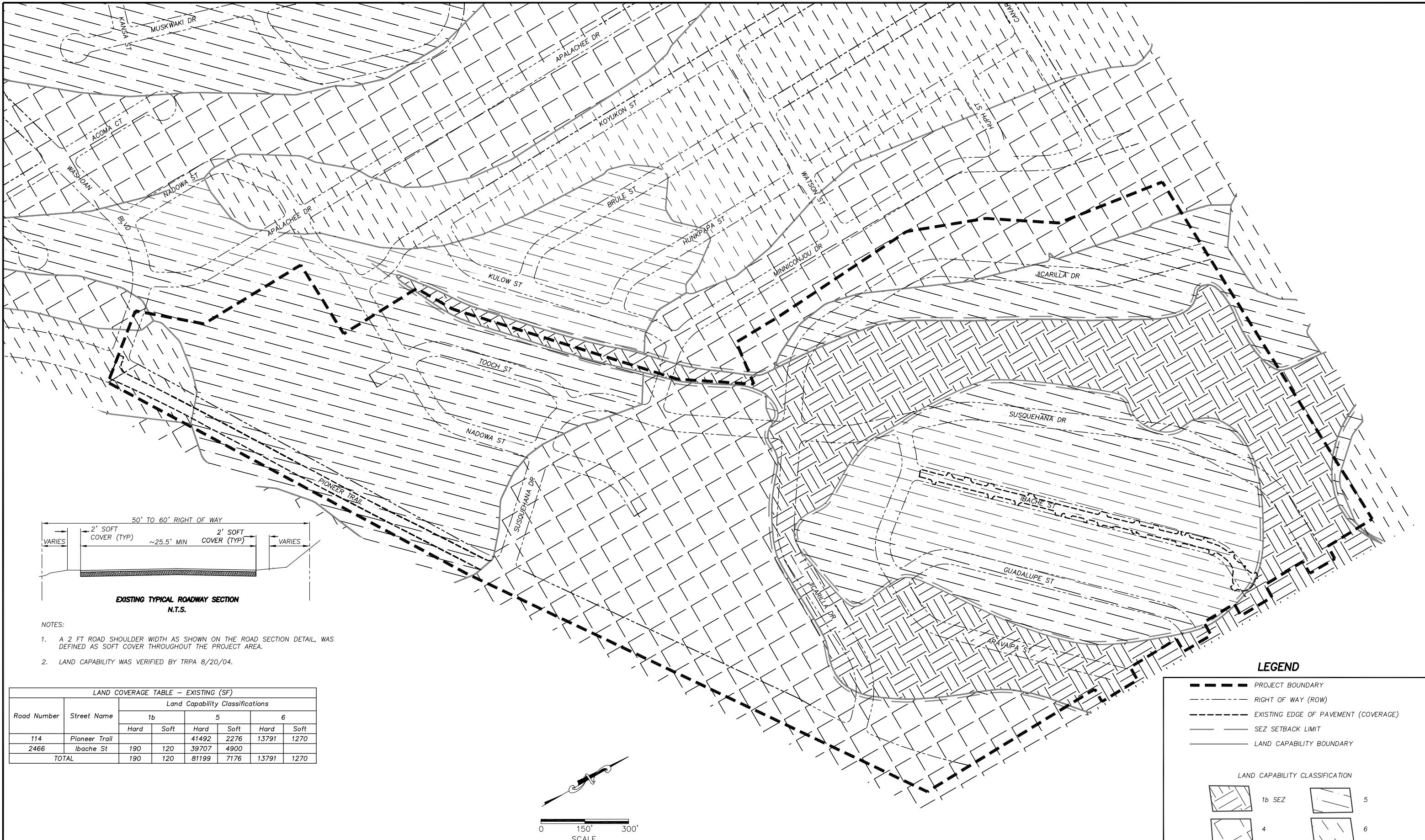


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 TRAFFIC CONTROL & STAGING PLAN

SHEET T-1
 19 OF 22
 W.O. No. 95183.1

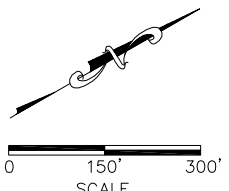
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- NOTES:
1. A 2 FT ROAD SHOULDER WIDTH AS SHOWN ON THE ROAD SECTION DETAIL, WAS DEFINED AS SOFT COVER THROUGHOUT THE PROJECT AREA.
 2. LAND CAPABILITY WAS VERIFIED BY TRPA 8/20/04.

LAND COVERAGE TABLE - EXISTING (SF)

Road Number	Street Name	Land Capability Classifications					
		1b		5		6	
		Hard	Soft	Hard	Soft	Hard	Soft
114	Pioneer Trail			41492	2276	13791	1270
2466	Ibache St	190	120	39707	4900		
TOTAL		190	120	81199	7176	13791	1270



LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EXISTING EDGE OF PAVEMENT (COVERAGE)
- SEZ SETBACK LIMIT
- LAND CAPABILITY BOUNDARY

LAND CAPABILITY CLASSIFICATION

	1b SEZ		5
	4		6

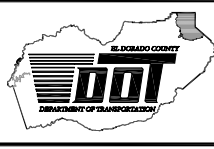
REVISION NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

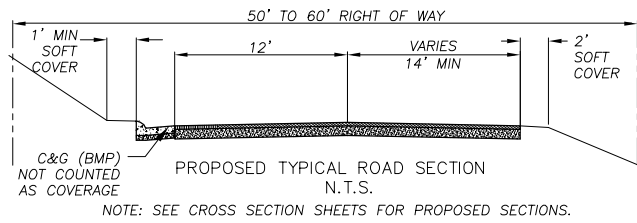
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 DRAWN: TA
 CHECKED: DSP
 DATE: 03/09
 ROAD NUMBER:



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 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 EROSION CONTROL PROJECT
 EXISTING LAND COVERAGE MAP

SHEET L-1
 20 OF 22
 W.O. No. 95183.1



NOTES: (1) NO ADDITIONAL COVERAGE PROPOSED WITHIN AN SEZ AREA, THEREFORE NO MITIGATION NEEDED. TRPA CODE 20.3.C(2)(e).

(2) A BANKING REQUEST FORM WILL BE SUBMITTED FOR ALL LAND COVERAGE TRANSFERS.

LAND COVERAGE TABLE - PROPOSED

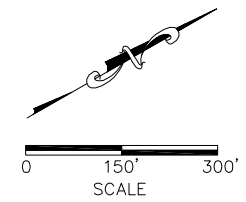
Road Number	Street Name	Land Capability Classifications					
		1b		5		6	
		Hard	Soft	Hard	Soft	Hard	Soft
114	Pioneer Trail			42155	1460	15068	830
2466	Ibache St	190	120	39509	4282		
TOTAL	Proposed	190	120	81664	5742	15068	830
	Existing	190	120	81199	7176	13791	1270
Coverage Transfer (In)/Out		0	0	-465	1434	-1277	440
SEZ Mitigation Factor 1.5 : 1							

LEGEND

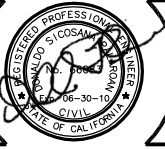
- PROJECT BOUNDARY
- - - RIGHT OF WAY (ROW)
- EXISTING EDGE OF PAVEMENT (COVERAGE)
- SEZ SETBACK LIMIT
- LAND CAPABILITY BOUNDARY
- PROPOSED COVERAGE BOUNDARY

LAND CAPABILITY CLASSIFICATION

	1b SEZ		5
	4		6



REVISION NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

[Signature]

REGISTERED CIVIL ENGINEER

DATE: 04/13/09

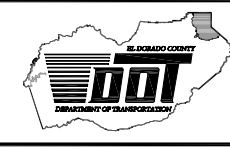
DESIGNED: TA

DRAWN: TA

CHECKED: DSP

DATE: 03/09

ROAD NUMBER:



EL DORADO COUNTY

DEPARTMENT OF TRANSPORTATION

TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT

EROSION CONTROL PROJECT

PROPOSED LAND COVERAGE MAP

SHEET

L-2

21 OF 22

W.O. No. 95183.1

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Project Name: Apalachee Phase III
Location: El Dorado County, California
Exploration Method: CME 75 Auger Drill Rig
Surface Elevation Estimated from
40-Ft Contour Map: 6352

Project No: 4308050016 Task 6.1
Client: El Dorado County Department of Transportation
Date Excavated: 12/05/2005
Depth to Groundwater, Feet: Not Encountered

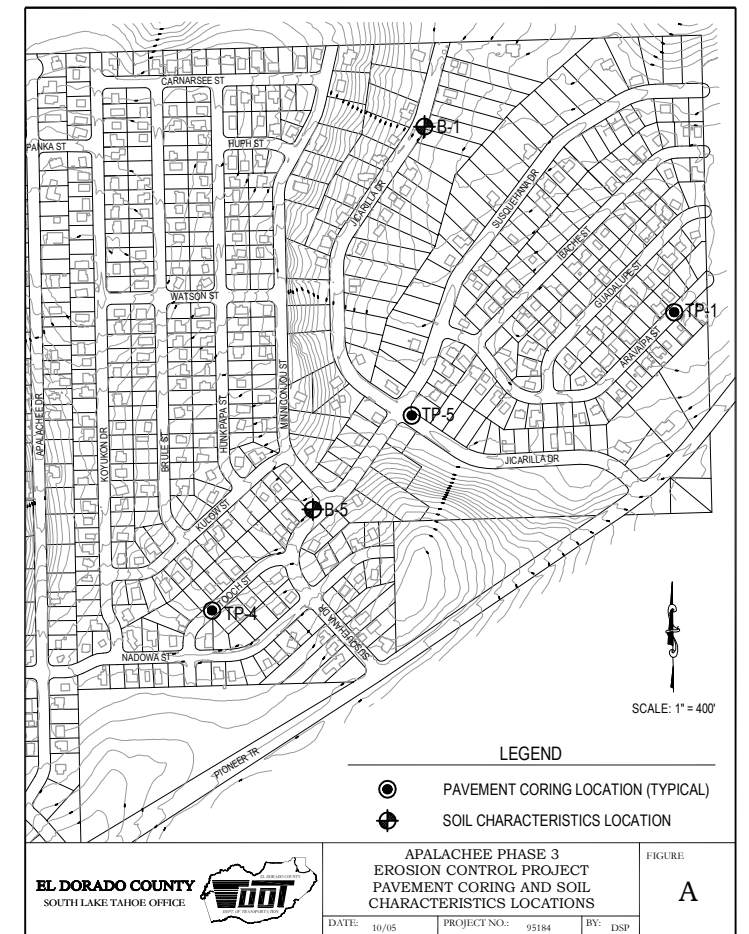
DEPTH FT.	SAMPLE TYPE	BLOW/FT.	MOISTURE %	WET DENSITY PCF	UNCOMPACTED STRENGTH PSF	REMARKS
0.0 - 0.4	SH	100	7.9	99.4		Approximately 5 inches of AC pavement Silty sand (SM), very dark brown grading to medium dark brown, damp, well graded, slightly organic, very dense. Contains up to 3% subrounded gravel to 1/2 inch diameter and occasional thin beds or lenses of grayish brown laminated mineral silt. Upper 2 to 3 feet probably fill. pirometer installed
0.4 - 0.5	X					
0.5 - 0.55	SH	100				
0.55 - 0.6	SH	100				
0.6 - 0.7	SH	100				
0.7 - 0.75	SH	100				
0.75 - 0.8	SH	100				
0.8 - 0.85	SH	100				
0.85 - 0.9	SH	100				
0.9 - 1.0	SH	17				
1.0 - 1.05	SH					
1.05 - 1.1	SH					

Project Name: Apalachee Phase III
Location: El Dorado County, California
Exploration Method: CME 75 Auger Drill Rig
Surface Elevation Estimated from
40-Ft Contour Map: 6400

Project No: 4308050016 Task 6.1
Client: El Dorado County Department of Transportation
Date Excavated: 12/05/2005
Depth to Groundwater, Feet: Not Encountered

DEPTH FT.	SAMPLE TYPE	BLOW/FT.	MOISTURE %	WET DENSITY PCF	UNCOMPACTED STRENGTH PSF	REMARKS
0.0 - 0.25	SH	100	16.7	83.1		Sand with silt (SP-SM), dark brown, fine grained, poorly graded, organic, dense. Contains ~1% subrounded pea gravel. Upper 3 to 4 feet probably fill. pirometer installed
0.25 - 0.5	SH	100				
0.5 - 0.55	SH	100				
0.55 - 0.6	SH	100				
0.6 - 0.7	SH	100				
0.7 - 0.75	SH	100				
0.75 - 0.8	SH	100				
0.8 - 0.9	SH	100				
0.9 - 1.0	SH	79	8	91.2		
1.0 - 1.05	SH					
1.05 - 1.1	SH					

TEST PIT	AC THICKNESS	SUBGRADE DESCRIPTION	R-VALUE
TP-1	2.25"	medium brown silty sand with gravel	66
TP-4	1.38"	medium brown silty sand	76
TP-5	4.25"	medium brown silty sand.	66



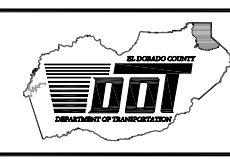
S:\SDSK\proj\95183\dwg\plans\3B_1\APASB.1_GEO_G-1.dwg, GEO, 4/12/09 3:07:47 PM

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
 REGISTERED CIVIL ENGINEER
 DATE: 04/13/09

DESIGNED: TA DRAWN: TA
 CHECKED: DSP DATE: 03/09
 ROAD NUMBER:



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION
 TAHOE ENGINEERING DIVISION

APALACHEE PHASE 3B.1 EROSION CONTROL PROJECT
 GEOTECHNICAL/GEOPHYSICAL SURVEY RESULTS

SHEET
 G-1
 22 OF 22
 W.O. No. 95183.1