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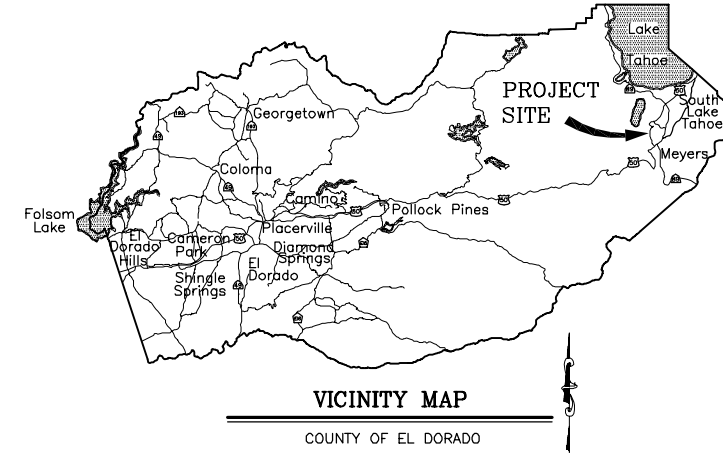
DEPARTMENT OF TRANSPORTATION  
COUNTY OF EL DORADO, CA

**REDUCED SIZE**  
**NOT TO SCALE**

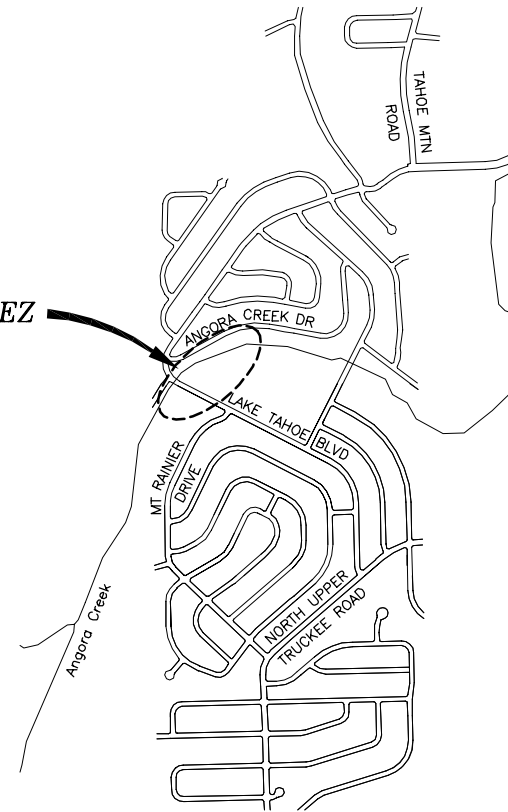
PROJECT PLANS FOR THE CONSTRUCTION OF THE 2010  
**ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT**

IN THE COUNTY OF EL DORADO, DISTRICT 5,  
WITHIN PORTIONS OF MOUNTAIN VIEW ESTATES UNIT NO. 5

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.



ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT



LOCATION MAP

SCALE: 1" = 1000'

FUNDING AGENCIES

CALIFORNIA TAHOE CONSERVANCY  
BUREAU OF RECLAMATION  
TAHOE REGIONAL PLANNING AGENCY

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 V. BRIGGS  
V NORMA SANTIAGO

COUNTY OF EL DORADO  
DEPARTMENT OF  
TRANSPORTATION



(530) 621-5900  
PLACERVILLE, CA 95667  
(530) 575-7900  
924 B EMERALD BAY RD  
SOUTH LAKE TAHOE, CA 96150

ADOPTED AND APPROVED BY:  
NORMA SANTIAGO  
CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS  
APPROVED BY:  
JAMES W. WARE, P.E. NO. 81038  
DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION  
RUSSELL A. NYGAARD, P.E. NO. C 50369  
DEPUTY DIRECTOR OF FACILITIES ENGINEERING, EL DORADO COUNTY DEPT OF TRANSPORTATION

CONTRACT NO. PW-09-30486, CIP NO. 95161

ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT

TITLE SHEET

SHEET 1 OF 26 SHEETS



Submitted by: *Steve P. Kooyman* DATE 3/5/10  
STEVE P. KOOYMAN, P.E. DATE  
CIVIL ENGINEER  
STATE OF CALIFORNIA NO. 55757

**GENERAL NOTES**

- 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, AND AMENDMENTS TO 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 DISCREPANCIES IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.
- CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 8:00 A.M. AND 6:30 P.M. UNLESS PRIOR APPROVAL IS RECEIVED FROM THE COUNTY DOT.
- 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.
- 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.
- 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).
- 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.
- 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.
- 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.
- ALL CONTROL STATIONING AND DATA DIMENSIONING ARE REFERENCED TO THE CENTERLINE OF THE FACILITY SHOWN UNLESS OTHERWISE NOTED. DIMENSIONING FOR THE CONCRETE CURB AND GUTTER IS ALONG THE TOP BACK OF CURB.
- 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.
- 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.
- 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 DOT 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.
- 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.
- FOR REVEGETATION BY OTHERS, SEE REVEGETATION PLAN AND SPECIAL PROVISIONS.
- 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.
- 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.
- ELEVATIONS SHOWN ON THE PLANS FOR PIPE INVERTS, TOPS OF GRATES, RIMS, CURBS, 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 DOT OF ANY DISCREPANCIES WHICH MIGHT AFFECT PROPER OPERATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE DOT SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO THE INSTALLATION OF THE FACILITIES.
- THE CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY DOT, AS MAY BE NECESSARY TO COMPLY WITH STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK. SEE SPECIAL PROVISIONS.
- THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE CONTRACT DOCUMENTS FOR ALL SUBMITTALS REQUIRED FOR COUNTY REVIEW AND ACCEPTANCE.
- THE COUNTY WILL FURNISH THE CONSTRUCTION STAKING TO THE CONTRACTOR AS SET FORTH IN THE SPECIAL PROVISIONS.
- THE LIMITS OF GRADING ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO PLACE FILL BEHIND THE FACILITIES 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.
- SEE SPECIAL PROVISIONS AND SHEET G-1 (BORING LOGS AND SIEVE ANALYSIS) FOR EXISTING GEOTECHNICAL SURVEY RESULTS.

**ABBREVIATIONS**

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING

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

**LEGEND**

EXISTING	PROPOSED
--- (SCREENED AND/OR DASHED) ---	--- CENTERLINE
---	--- SAWCUT (AS NOTED)
---	AC PAVEMENT (ROADWAY)
---	AC REMOVE (ROADWAY)
---	AC REMOVE & RESTORE
---	AC D/W REMOVE & REPLACE
XXXX.XX	ELEVATION
XXXX.X	ELEVATION, LT, EG CL, RT (PROFILE ONLY)
⊙	ROLLED C&G
⊙	SEDIMENT TRAP
⊙	DRAINAGE INLET
∇	CUT OR FILL SLOPE
⊗	DETAIL REF NUMBER SHEET NUMBER
⊗	ROCK
△/4	ONE-QUARTER DELTA
---	PIPE, MAT'L AS NOTED
--- FF --- CLF ---	FILTER FENCE OR CONSTRUCTION LIMIT FENCE
⊙	SD MANHOLE
▷	FLARED END SECTION
##	SLOPE RATIO, H:V
---	ROCK LINED CHANNEL
---	GRASS LINED SWALE
---	GRASS LINED SWALE (PROFILE)
---	COIR LOG
---	TREE REMOVAL
---	PEELERCORE FENCE
---	FLOWLINE

**BENCHMARK**

CP 4, FD 5/8" REBAR WITH 2" ALUM CAP WITH DIMPLE, NO OTHER MARKS, 0.1' ABOVE DIRT SURFACE, 2.5' NE OF PP #J-53501, 13'± NE OF NE EDGE OF PAVEMENT OF LTB, 80'± NW CL DWY #550, GUARD POST 2' NE OF POINT. ELEVATION 6352.64

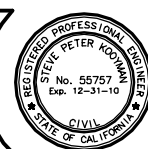
**UTILITIES**

CABLE TELEVISION	CHARTER COMMUNICATIONS, (775) 588-1077
NATURAL GAS	SOUTHWEST GAS, (530) 543-3225
ELECTRIC	NV 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

Drawing Name: S:\SDSK\proj\95161\dwg\FINAL PLANS\02 ANGFISH i.dwg ORIGINAL SCALE IS IN INCHES 2 1 0 FOR REDUCED PLANS

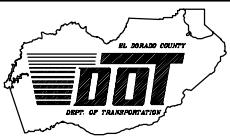
REVISION	NUMBER	DATE	DESCRIPTION	BY

REDUCED SIZE  
NOT TO SCALE



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD	DRAWN: ALD
CHECKED: DP/JG	DATE: 03/10
ROAD NUMBER: ---	



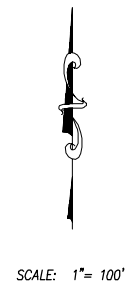
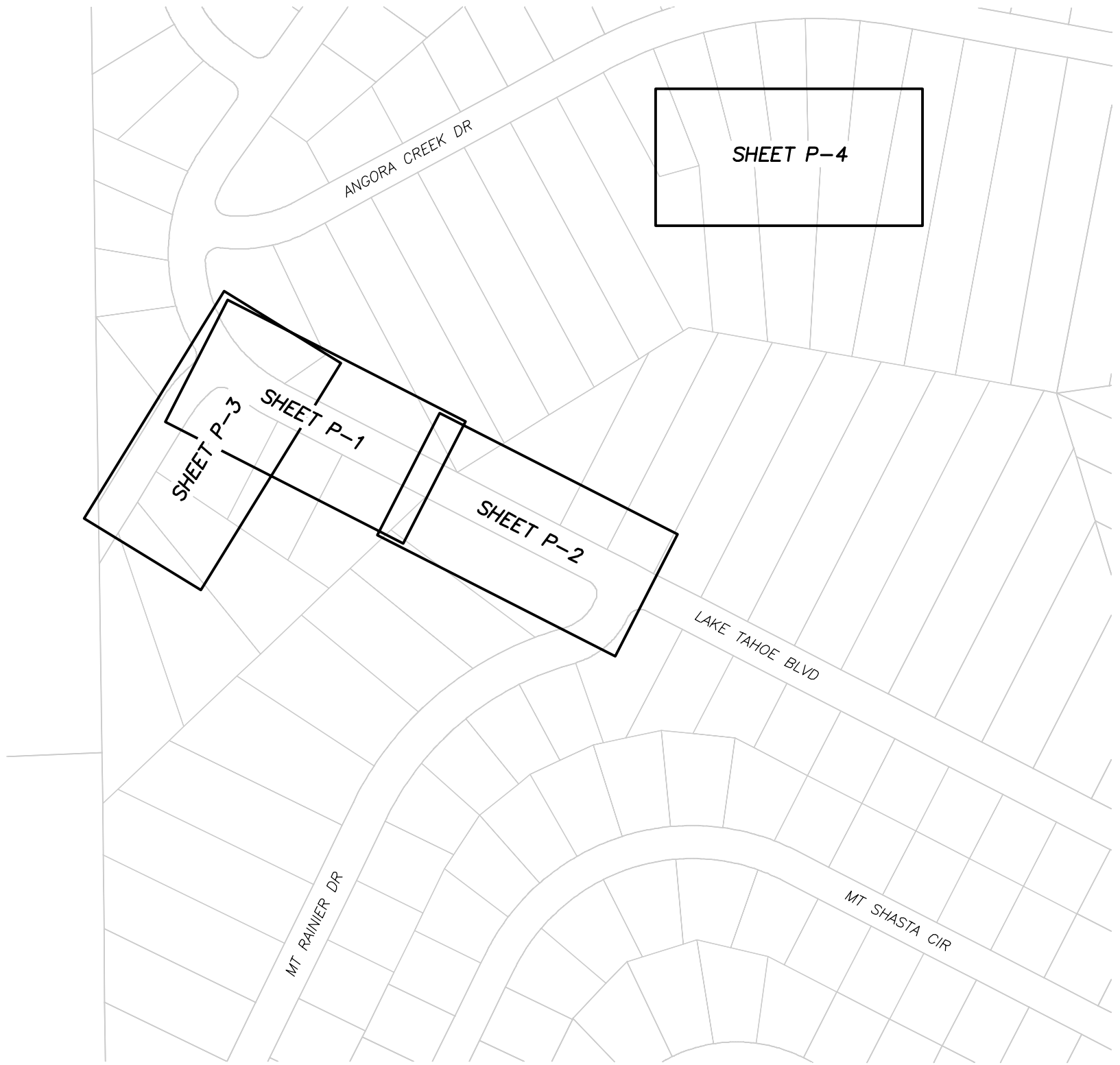
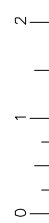
**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

**ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT**  
 GENERAL NOTES, ABBREVIATIONS,  
 AND LEGEND

SHEET ii
2 of 26
CONTRACT NO. PW 09-30486
CIP NO. 95161

Drawing name: S:\STDSK\proj\95161\dwg\FINAL PLANS\03 ANGTISH iii.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

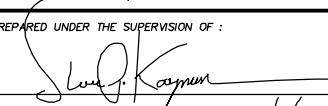


SCALE: 1" = 100'

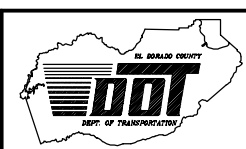
REVISION	NUMBER	DATE	DESCRIPTION	BY

**REDUCED SIZE**  
**NOT TO SCALE**



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DP/JG  
 DATE: 03/10  
 ROAD NUMBER: ---



EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT  
 SHEET INDEX MAP

SHEET  
 iii  
 3 OF 26  
 CONTRACT NO.  
 PW 09-30486  
 CIP NO.  
 95161



Drawing name: S:\SDSK\proj\95161\dwg\FINAL PLANS\04 ANGFISH SC-1.dwg

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
47+19.52	---	PC LEFT	---	---	---	---	448434.4635	2557948.2328
---	---	RP	220.00	41°24'06"	158.97	---	448515.5528	2558152.7430
---	48+78.49	PT	---	---	---	---	448319.4786	2558052.9687
48+78.49	60+13.74	LINE	---	---	1135.25	S 63°01'49" E	448319.4786	2558052.9687
60+13.74	---	END	---	---	---	---	447804.6222	2559064.7531

LAKE TAHOE BLVD ALIGNMENT  
47+19.52 TO 60+13.74

1  
SC-1

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
0+00	1+35.56	LINE	---	---	135.56	N 30°41'35" E	448181.9709	2557821.3115
1+35.56	2+60.09	LINE	---	---	124.53	N 38°32'25" E	448298.5388	2557890.5052
2+60.09	---	END	---	---	---	---	448395.9450	2557968.0975

ANGORA CREEK RD ALIGNMENT  
0+00 TO 2+60.09

2  
SC-1

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
137+42.45	137+58.14	LINE	---	---	15.69	S 54°28'20" W	448380.1594	2558066.6004
137+58.14	---	PC LEFT	---	---	---	---	448371.0400	2558053.8285
---	---	RP	50.00	24°00'22"	20.95	---	448330.3483	2558082.8835
---	137+79.09	PT	---	---	---	---	448355.6998	2558039.7870
137+79.09	138+19.22	LINE	---	---	40.12	S 30°27'58" W	448355.6998	2558039.7870
138+19.22	---	PC RIGHT	---	---	---	---	448321.1176	2558019.4441
---	---	RP	100.00	43°11'02"	75.37	---	448372.5969	2557933.7127
---	138+94.59	PT	---	---	---	---	448276.3905	2557960.9950
138+94.59	---	PC LEFT	---	---	---	---	448276.3905	2557960.9950
---	---	RP	100.00	15°26'41"	26.96	---	448180.1841	2557988.2774
---	139+21.54	PT	---	---	---	---	448265.6506	2557936.3595
139+21.54	139+28.10	LINE	---	---	6.56	S 58°43'22" W	448265.6506	2557936.3595
139+28.10	139+40	LINE	---	---	11.90	S 52°58'38" W	448262.2434	2557930.7506
139+40	---	END	---	---	---	---	448255.0809	2557921.2534

ANGORA CREEK FL ALIGNMENT  
137+42.45 TO 139+40

3  
SC-1

BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
1+00	---	PC LEFT	---	---	---	---	448274.8276	2558071.8989
---	---	RP	30.00	57°31'33"	30.12	---	448247.8802	2558058.7173
---	1+30.12	PT	---	---	---	---	448273.4692	2558043.0609
1+30.12	2+02.46	LINE	---	---	72.34	S 58°32'30" W	448273.4692	2558043.0609
2+02.46	---	END	---	---	---	---	448235.7148	2557981.3508

USFS GLS 49+16 RT  
1+00 TO 2+02.46

4  
SC-1

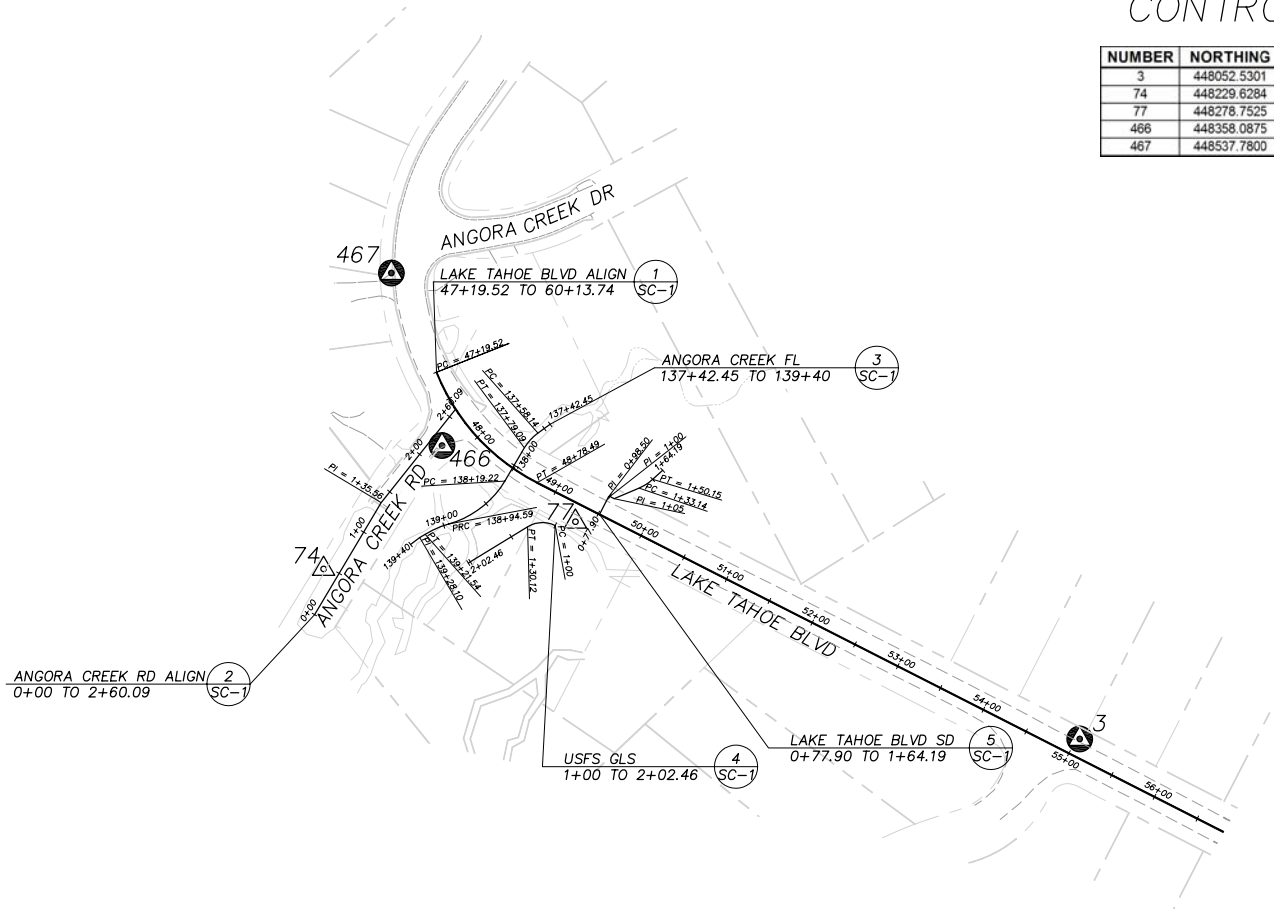
BEG STATION	END STATION	DESCRIPTION	RADIUS	DELTA	LENGTH	BEARING	NORTHING	EASTING
0+77.90	0+98.50	LINE	---	---	20.60	N 26°58'11" E	448286.4008	2558117.9726
0+98.50	1+00	LINE	---	---	1.50	N 79°56'03" E	448304.7574	2558127.3135
1+00	1+05	LINE	---	---	5.00	S 63°01'49" E	448305.0195	2558128.7904
1+05	1+33.14	LINE	---	---	28.14	N 67°03'54" E	448302.7519	2558133.2467
1+33.14	---	PC LEFT	---	---	---	---	448313.7183	2558150.1634
---	---	RP	50.00	19°29'35"	17.01	---	448359.7656	2558139.6790
---	1+50.15	PT	---	---	---	---	448322.8595	2558173.4123
1+50.15	1+64.19	LINE	---	---	14.05	N 47°34'18" E	448322.8595	2558173.4123
1+64.19	---	END	---	---	---	---	448332.3355	2558183.7797

LAKE TAHOE BLVD SD 49+50 LT  
0+77.90 TO 1+64.19

5  
SC-1

CONTROL POINT LIST

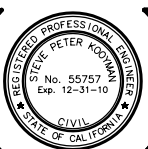
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	448052.5301	2558618.1521	6346.83	Alum. Cap RBAR
74	448229.6284	2557830.6294	6341.57	Hub & Mag Nail
77	448278.7525	2558092.9382	6339.50	Spike
466	448358.0875	2557953.9412	6343.02	PK Nail
467	448537.7800	2557901.1900	6360.94	PK Nail



- LEGEND**
- COUNTY RIGHT-OF-WAY
  - PROPERTY LINE
  - EXISTING EDGE OF PAVEMENT
  - ▲ PRIMARY CONTROL
  - PROJECT CONTROL
  - △ SUPPLEMENTARY CONTROL



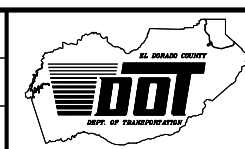
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Steve J. Kayman*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: KIS  
 CHECKED: DP/JG  
 ROAD NUMBER: ---

DRAWN: KIS  
 DATE: 03/10



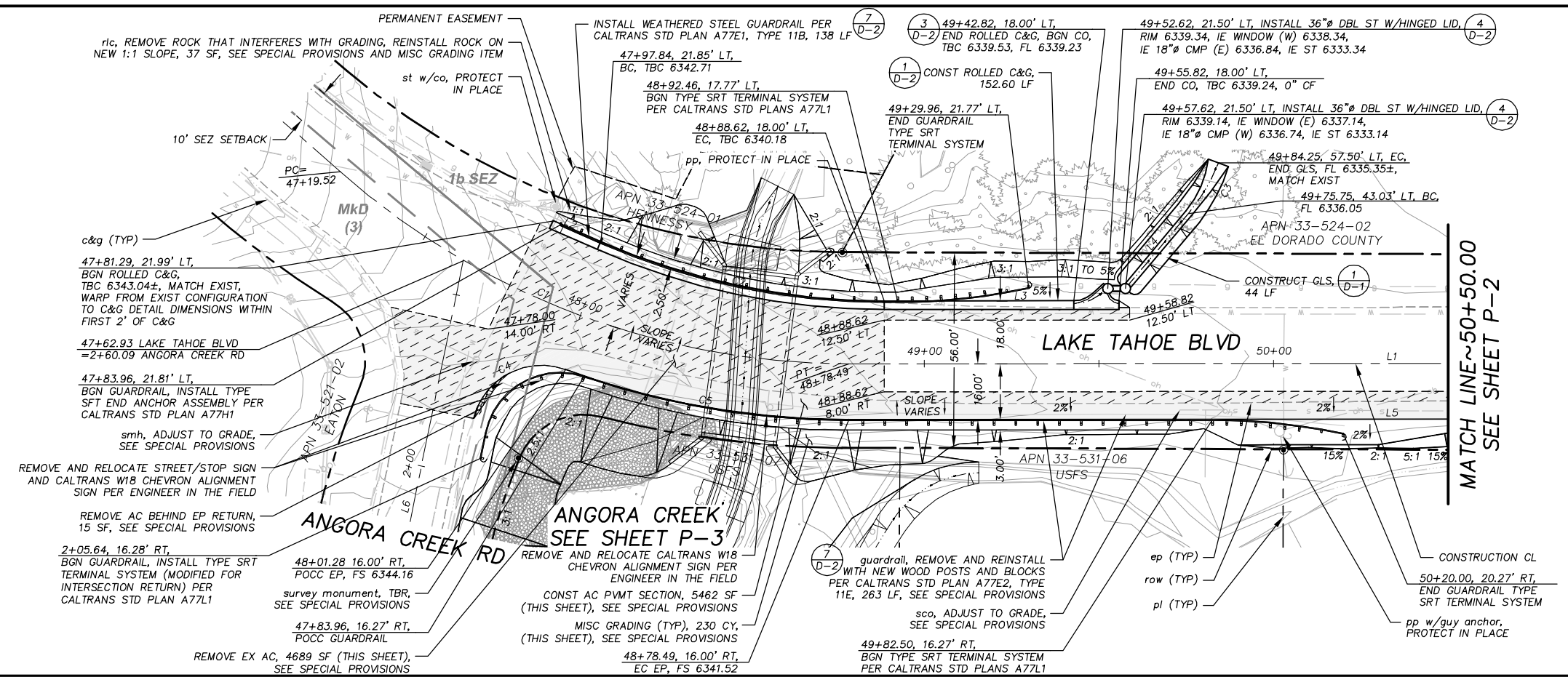
**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT  
 ALIGNMENT DATA AND SURVEY CONTROL

SHEET  
**SC-1**  
 4 OF 26  
 CONTRACT NO.  
**PW 09-30486**  
 CIP NO.  
**95161**

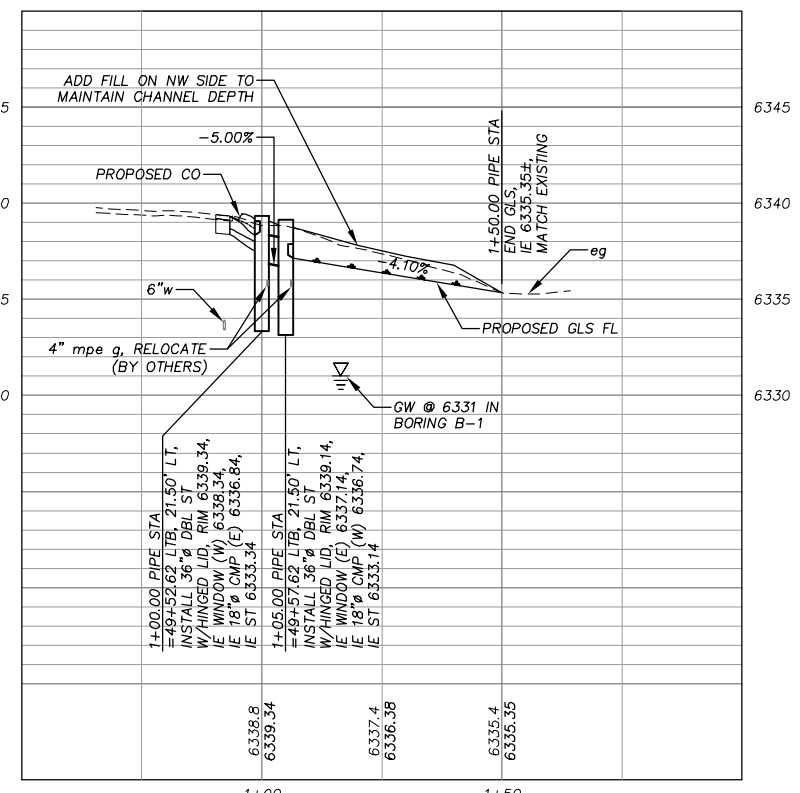
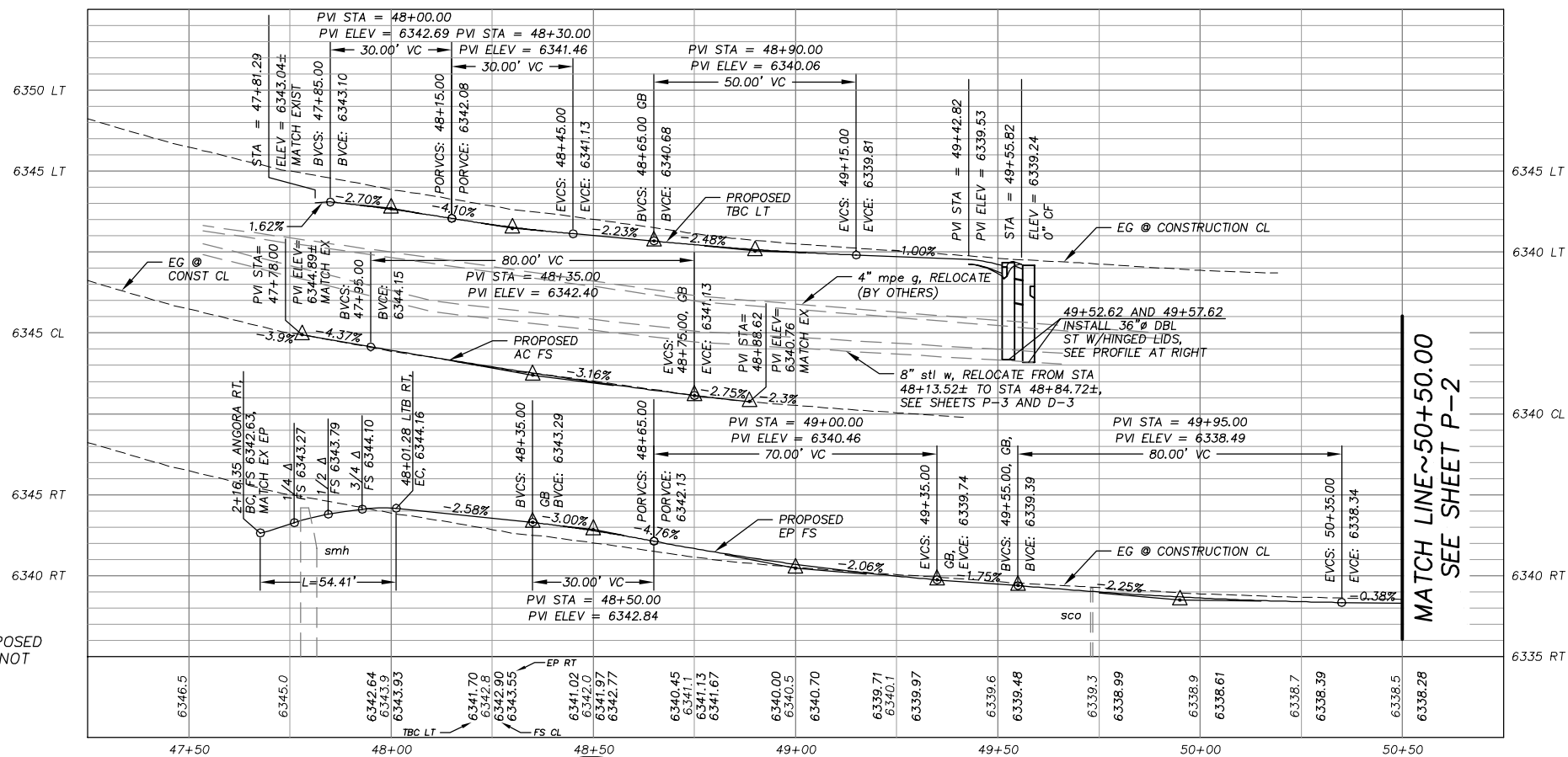
**!! WARNING !!**  
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	CURVE	LENGTH	RADIUS	DELTA
L1	1135.25'	S63°01'49"E	C1	158.97'	220.00'	41°24'06"
L2	14.89'	N39°20'33"W	C2	83.61'	202.00'	23°41'17"
L3	54.19'	N63°01'49"W	C3	16.86'	50.00'	19°19'21"
L4	26.64'	N67°03'54"E	C4	33.58'	20.00'	98°11'19"
L5	544.70'	S63°01'49"E	C5	82.83'	236.00'	20°06'51"
L6	124.53'	N36°32'25"E				



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

- NOTES:
- FOR STRIPING AND ADDITIONAL SIGN RELOCATIONS, SEE SHEET S-1, STRIPING AND SIGNING PLAN (NIC).
  - FOR WATER AND GAS LINE RELOCATIONS, SEE SHEETS P-3 AND D-3.
  - FOR NEW AC PAVEMENT SLOPE PERCENTS, SEE CROSS-SECTION AND DETAIL SHEETS.



**STORM DRAIN AT LTB STA 49+52.62**

Drawing name: s:\SDSK\proj\95161\dwg\FINAL PLANS\05\_06\_ANGFISH MPLAN STREET.dwg

ORIGINAL SCALE IS IN INCHES

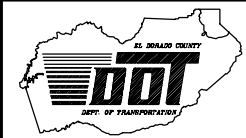
NOTE:  
 EXISTING ARCH CMPS AND PROPOSED 3-SIDED PRECAST BRIDGE ARE NOT SHOWN FOR CLARITY.

**REDUCED SIZE**  
**NOT TO SCALE**



PREPARED UNDER THE SUPERVISION OF:  
*Peter Korman*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD  
 CHECKED: DP/JG  
 ROAD NUMBER:  
 DRAWN: ALD  
 DATE: 03/10



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

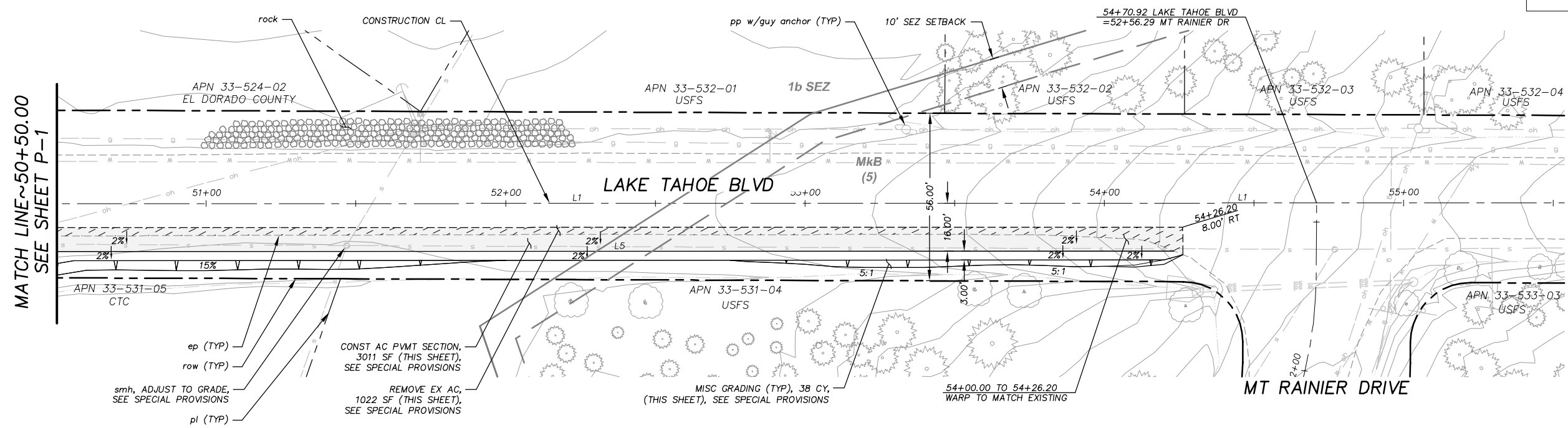
**ANGORA CREEK FISHERIES/SEZ ENHANCEMENT PROJECT**  
 LAKE TAHOE BLVD PLAN AND PROFILE  
 STA 47+19.52 TO STA 50+50.00

SHEET **P-1**  
 5 OF 26  
 CONTRACT NO. **PW 09-30486**  
 CIP NO. **95161**



LINE TABLE		
LINE	LENGTH	BEARING
L1	1135.25'	S63°01'49"E
L5	544.70'	S63°01'49"E

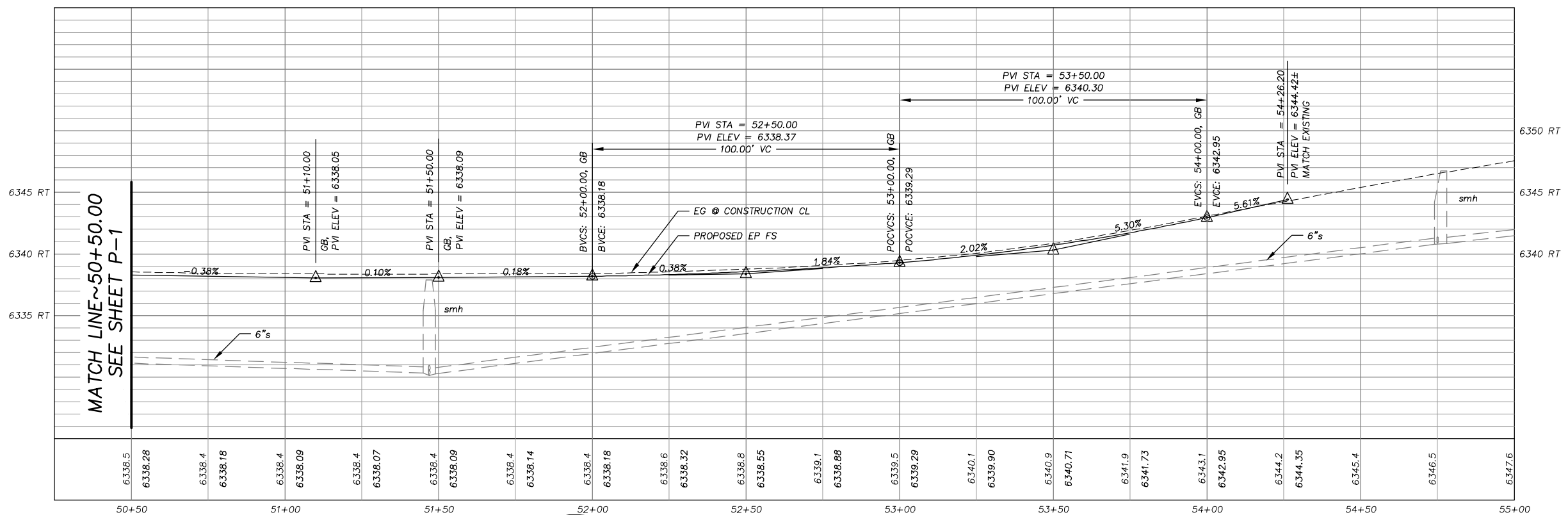
**!! WARNING !!**  
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



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

Drawing name: s:\SDSK\proj\95161\dwg\FINAL PLANS\05\_06 ANGFISH MPLAN STREET.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

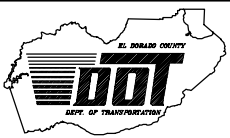


REDUCED SIZE  
NOT TO SCALE



PREPARED UNDER THE SUPERVISION OF:  
*Peter Koyun*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DP/JG  
 DATE: 03/10  
 ROAD NUMBER: ---



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

**ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT**  
 LAKE TAHOE BLVD PLAN AND PROFILE  
 STA 50+50.00 TO STA 55+50.00

SHEET  
**P-2**  
 6 OF 26  
 CONTRACT NO.  
**PW 09-30486**  
 CIP NO.  
**95161**

Drawing name: s:\SDSK\proj\95161\dwg\FINAL PLANS\07 ANGLISH MPLAN CHANNEL.dwg

ORIGINAL SCALE IS IN INCHES

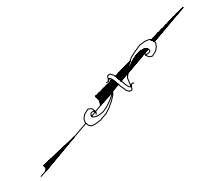
FOR REDUCED PLANS

**!! WARNING !!**  
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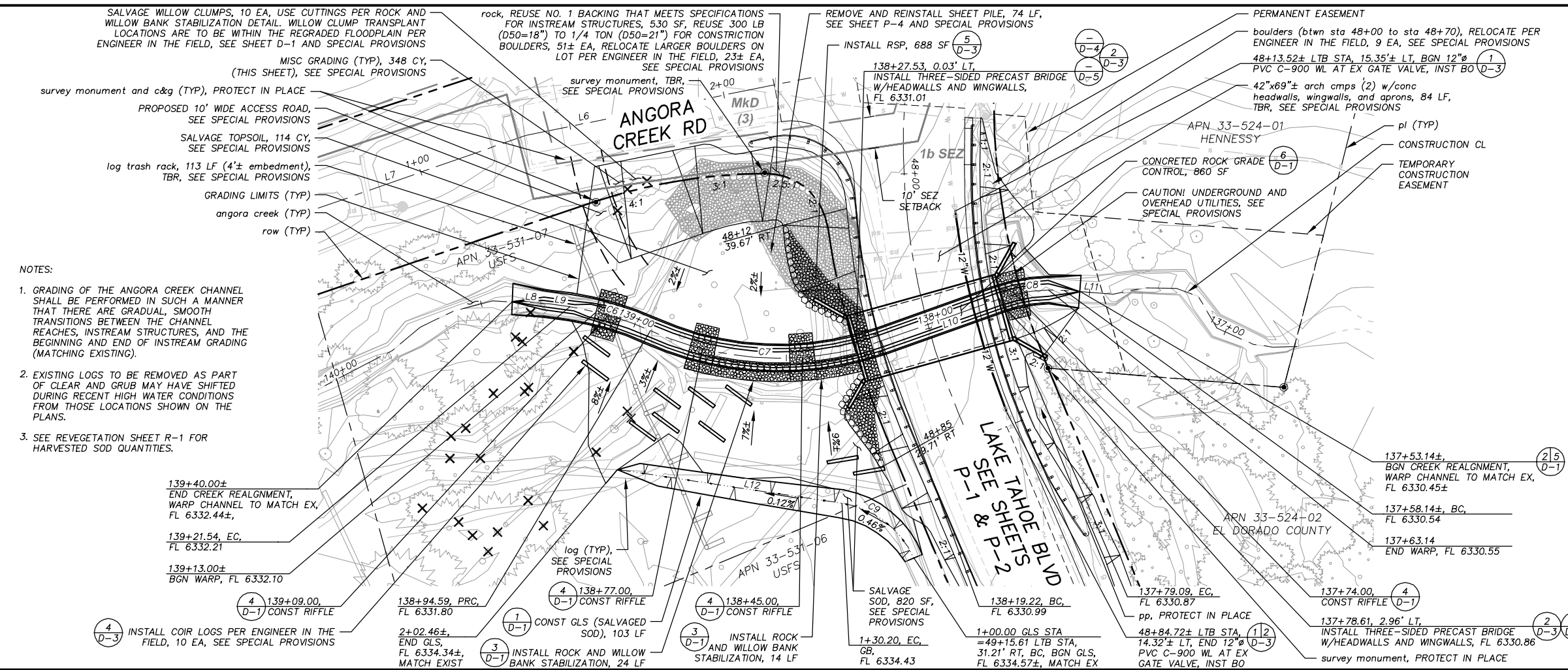
LINE TABLE			CURVE TABLE		
LINE	LENGTH	BEARING	CURVE	RADIUS	DELTA
L6	124.51'	N38°32'25"E	C6	28.95'	152°41'
L7	135.58'	N30°41'35"E	C7	75.37'	100.00'
L8	11.90'	N52°58'38"E	C8	20.95'	43°11'02"
L9	6.56'	N58°43'22"E	C9	30.12'	24°00'22"
L10	40.12'	N30°27'58"E			
L11	15.69'	N54°28'20"E			
L12	72.34'	S58°32'30"W			

**TREE REMOVAL**

TREE SIZE AND TYPE	QUANTITY
8" TO 10" PINE	5
12" TO 14" PINE	9
16" TO 18" PINE	2
22" TO 24" PINE	2
8" TO 12" FIR	2
14" TO 16" FIR	2
WILLOW CLUMPS (SIZES VARY)	10

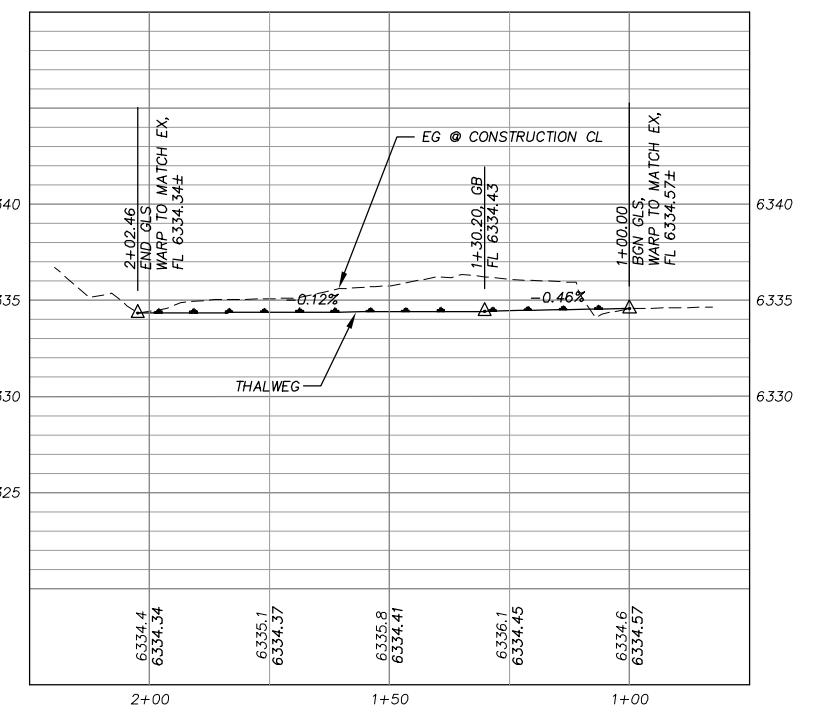
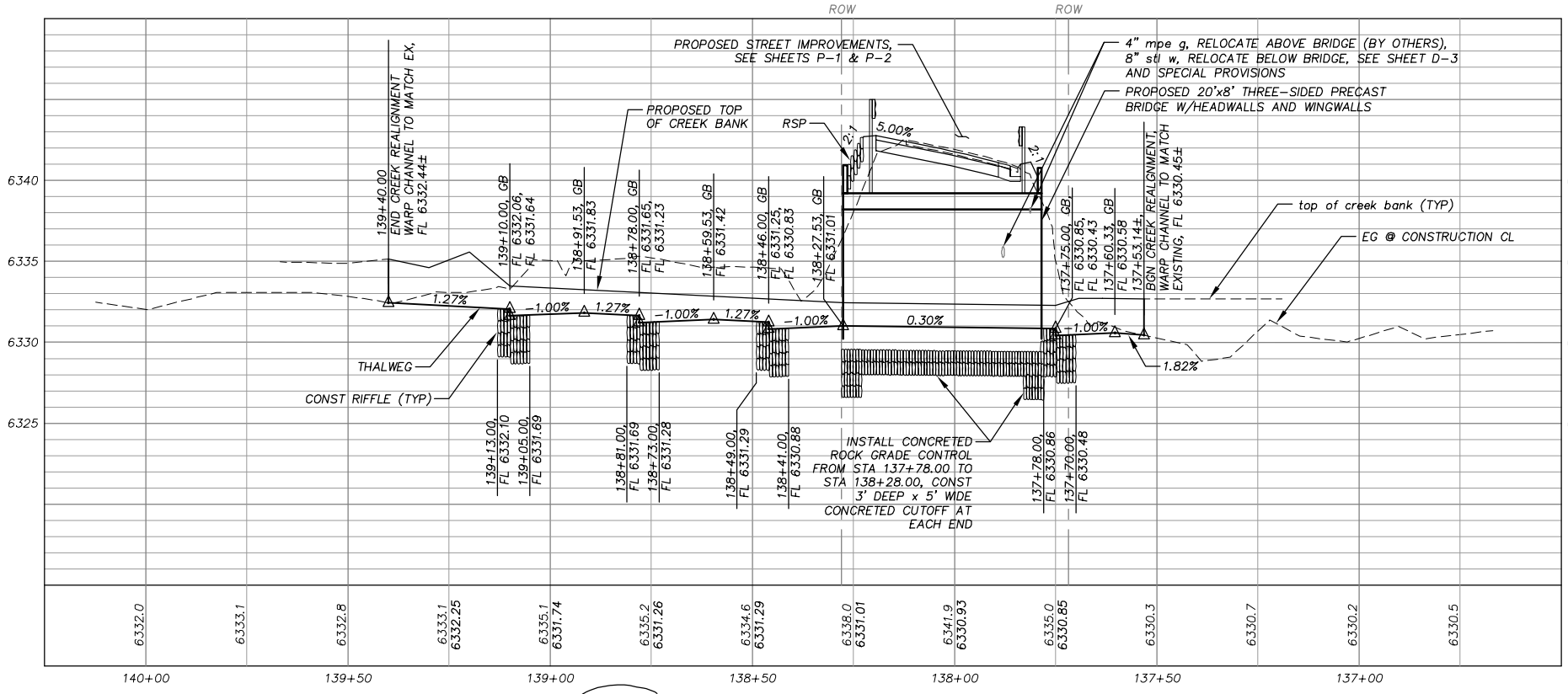


**PLAN & PROFILE**  
 SCALE: HORIZ 1"=20'  
 VERT 1"=5'



- NOTES:**
- GRADING OF THE ANGORA CREEK CHANNEL SHALL BE PERFORMED IN SUCH A MANNER THAT THERE ARE GRADUAL, SMOOTH TRANSITIONS BETWEEN THE CHANNEL REACHES, INSTREAM STRUCTURES, AND THE BEGINNING AND END OF INSTREAM GRADING (MATCHING EXISTING).
  - EXISTING LOGS TO BE REMOVED AS PART OF CLEAR AND GRUB MAY HAVE SHIFTED DURING RECENT HIGH WATER CONDITIONS FROM THOSE LOCATIONS SHOWN ON THE PLANS.
  - SEE REVEGETATION SHEET R-1 FOR HARVESTED SOD QUANTITIES.

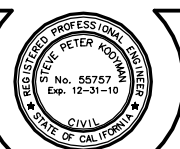
- 139+40.00±  
END CREEK REALIGNMENT,  
WARP CHANNEL TO MATCH EX,  
FL 6332.44±
- 139+21.54, EC,  
FL 6332.21
- 139+13.00±  
BGN WARP, FL 6332.10
- 139+09.00,  
D-1 CONST RIFFLE
- 138+94.59, PRC,  
FL 6331.80
- 138+77.00,  
D-1 CONST RIFFLE
- 138+45.00,  
D-1 CONST RIFFLE
- 138+19.22, BC,  
FL 6330.99
- 137+79.09, EC,  
FL 6330.87
- 137+74.00,  
D-1 CONST RIFFLE
- 137+78.61, 2.96' LT,  
INSTALL THREE-SIDED PRECAST BRIDGE  
W/HEADWALLS AND WINGWALLS, FL 6330.86
- 137+63.14,  
END WARP, FL 6330.55
- 137+53.14±,  
BGN CREEK REALIGNMENT,  
WARP CHANNEL TO MATCH EX,  
FL 6330.45±
- 137+58.14±, BC,  
FL 6330.54
- 137+63.14  
END WARP, FL 6330.55



USFS GLS

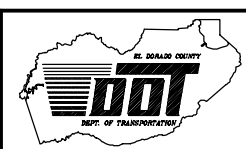
REVISION	NUMBER	DATE	DESCRIPTION	BY

**REDUCED SIZE**  
**NOT TO SCALE**



PREPARED UNDER THE SUPERVISION OF:  
*Peter Koppman*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DP/JG  
 DATE: 03/10  
 ROAD NUMBER: ---



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

**ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT**  
 ANGORA CREEK PLAN AND PROFILE  
 STA 137+00.00 TO STA 140+00.00

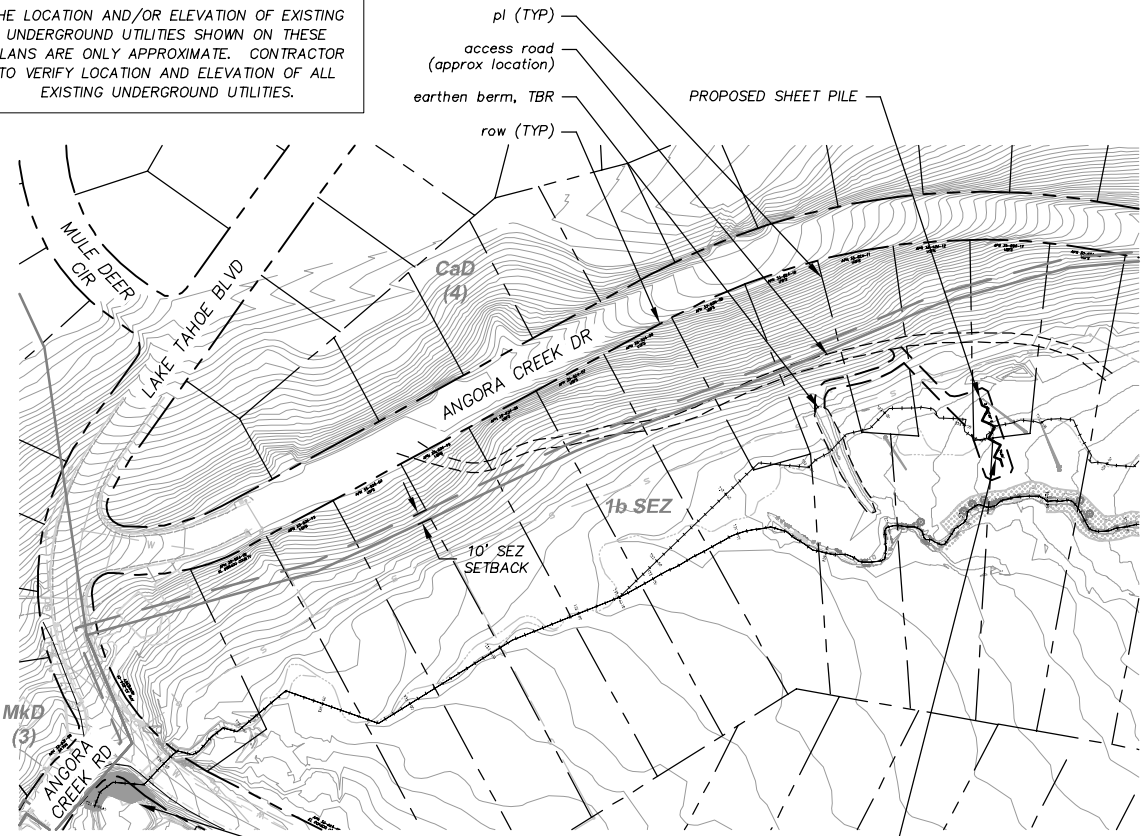
SHEET  
**P-3**  
 7 OF 26  
 CONTRACT NO.  
**PW 09-30486**  
 CIP NO.  
**95161**

10-0073.C.7



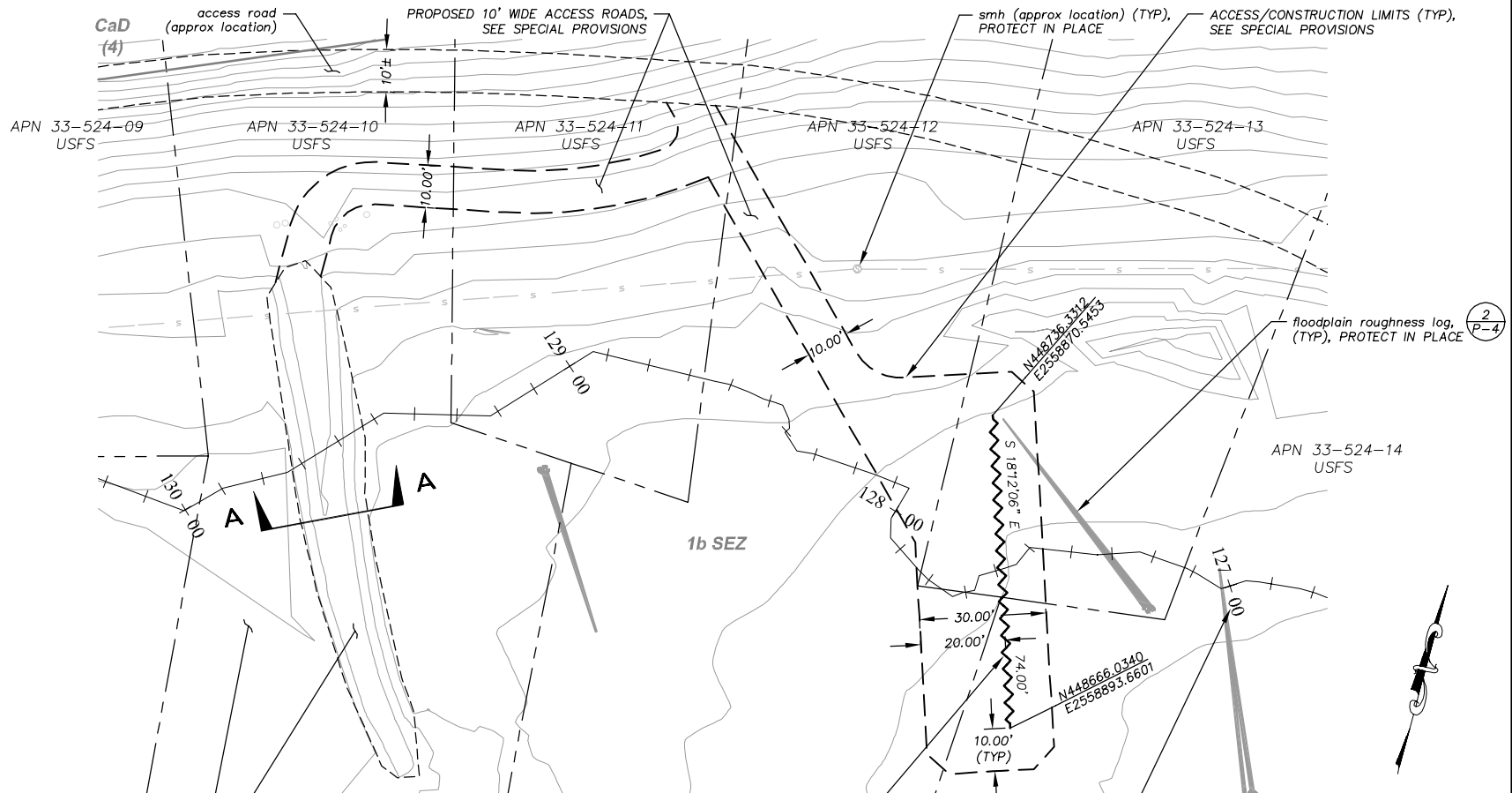
**!! WARNING !!**

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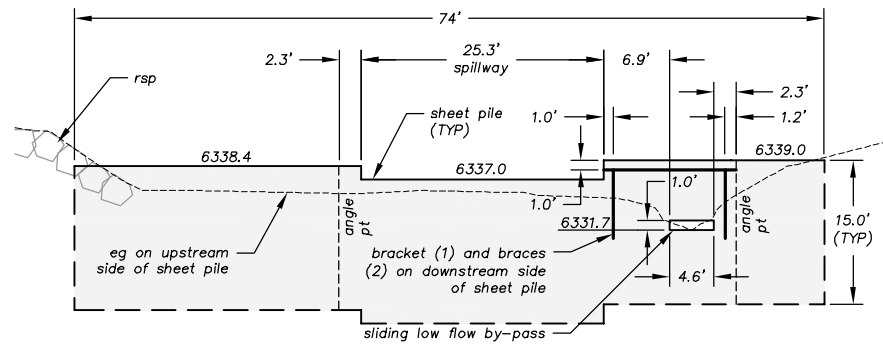
LAKE TAHOE BLVD SEE SHEETS P-1 & P-2, ANGORA CREEK SEE SHEET P-3  
 REMOVE SHEET PILE PREVIOUSLY INSTALLED AS PART OF THE 2007 ANGORA FIRE EMERGENCY REHABILITATION ZONE D PROJECT, AND RELOCATE IN AREA OF OLD CREEK LOCATION, FILLED IN 2006 AS PART OF THE ANGORA CREEK SEZ RESTORATION PROJECT

PLAN  
 SCALE: HORIZ 1"= 100'



INSTALL SHEET PILE TO AN ELEVATION 4"± BELOW EG, 74 LF, ADJUST HORIZONTAL LOCATION AS NECESSARY TO AVOID DISLODGING EXISTING FLOODPLAIN ROUGHNESS LOG, SEE SHEET P-3 AND SPECIAL PROVISIONS  
 ANGORA CREEK STATIONING PER THE 2004 ANGORA CREEK SEZ RESTORATION PROJECT PLANS  
 pond area (LIMITS NOT SURVEYED), SEE SPECIAL PROVISIONS  
 earthen berm, TBR, 73 CY, SEE SPECIAL PROVISIONS

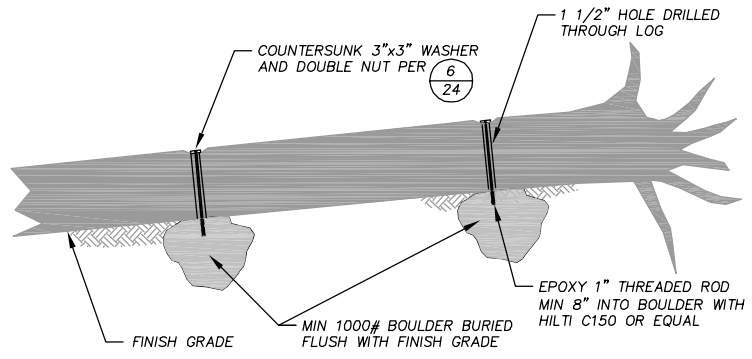
PLAN  
 SCALE: HORIZ 1"= 20'



NOTES:  
 1. SHEET PILE DETAIL WAS OBTAINED FROM THE 2007 ANGORA FIRE EMERGENCY REHABILITATION ZONE D PROJECT PLANS AND REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS. IT HAS BEEN INCLUDED TO ASSIST IN DEFINING THE SCOPE OF WORK AND AVAILABLE MATERIALS FOR THE SHEET PILE RELOCATION AND DOES NOT REFLECT PROPOSED INSTALLATION CONDITIONS. ACTUAL DIMENSIONS AND ELEVATIONS MAY DIFFER SLIGHTLY FROM THAT SHOWN.  
 2. BRACKET AND BRACES ARE TO BE REMOVED AND PROPERLY DISPOSED OF. THE LOW FLOW BY-PASS SHALL BE SEALED BY DRIVING THE SHEET PILE TOGETHER AND THE SEAM WELDED. THE SHORTENED SECTION SHALL BE INSTALLED ON THE SOUTH END OF THE NEW INSTALLATION. SEE SPECIAL PROVISIONS.

SHEET PILE  
 NTS

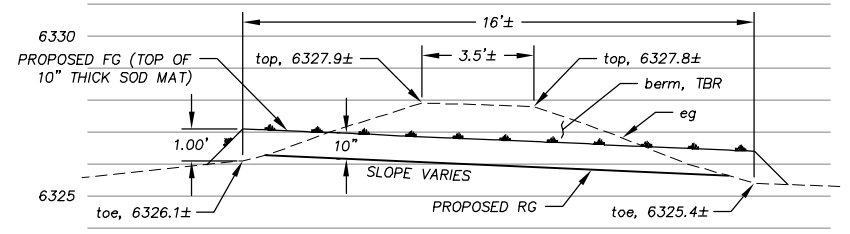
1  
 P-4



NOTE:  
 FLOODPLAIN ROUGHNESS LOG DETAIL WAS OBTAINED FROM THE 2004 ANGORA CREEK SEZ RESTORATION PROJECT PLANS AND HAS BEEN INCLUDED ONLY AS AN AID IN DETERMINING EXISTING SITE CONDITIONS. ACTUAL INSTALLATION MAY HAVE DIFFERED SLIGHTLY FROM THAT SHOWN.

FLOODPLAIN ROUGHNESS LOG  
 NTS

2  
 P-4

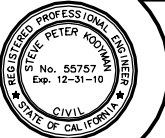


SECTION A-A  
 SCALE: H&V 1"= 3'

Drawing name: s:\sdsk\proj\95161\dwg\final\plans\08\_ANGFISH\MPLAN\_SHT\_PILE.dwg  
 ORIGINAL SCALE IS IN INCHES  
 2  
 1  
 0  
 FOR REDUCED PLANS  
 REVISION

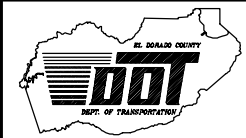
REVISION	NUMBER	DATE	DESCRIPTION	BY

**REDUCED SIZE**  
**NOT TO SCALE**



PREPARED UNDER THE SUPERVISION OF:  
*Steve Kaplan*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/5/10

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DP/JG  
 DATE: 03/10  
 ROAD NUMBER: ---



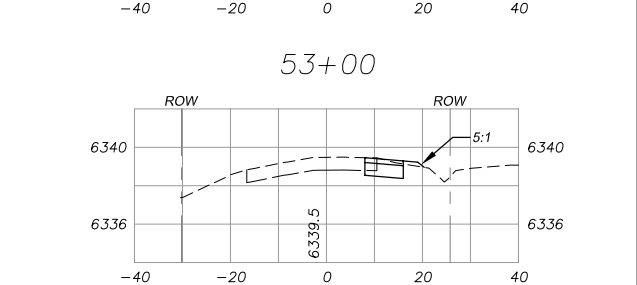
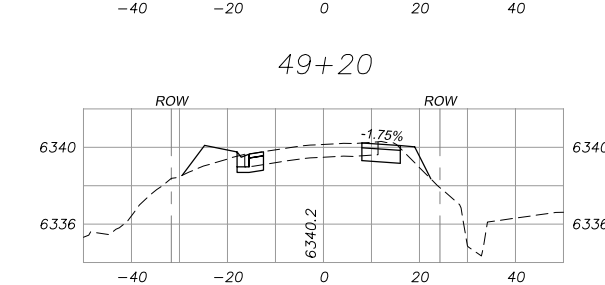
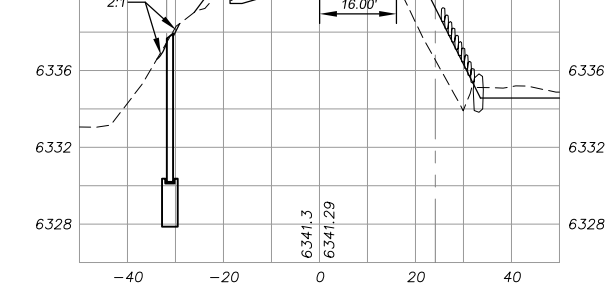
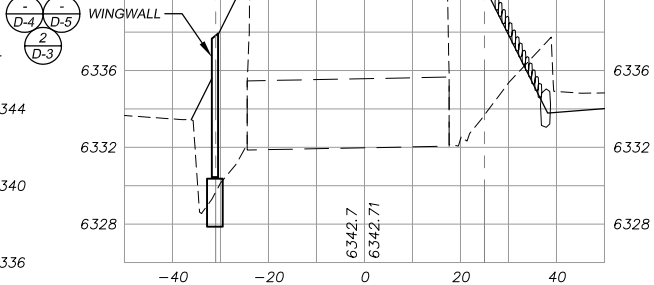
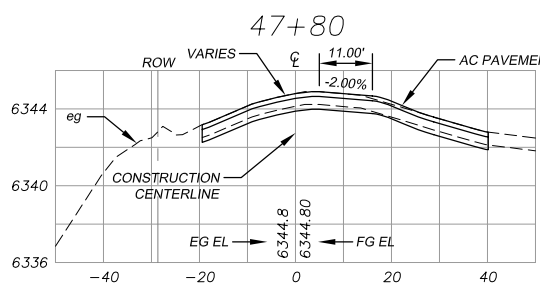
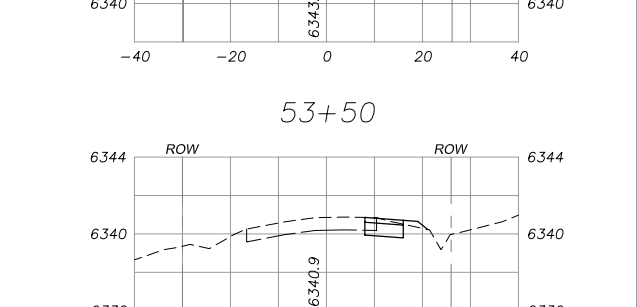
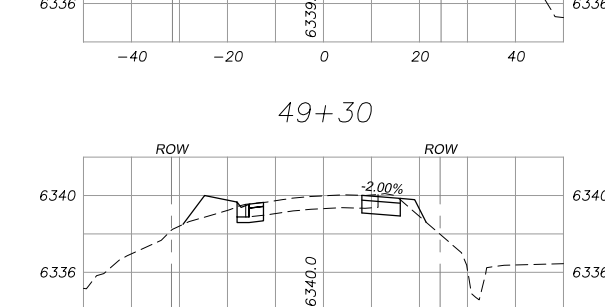
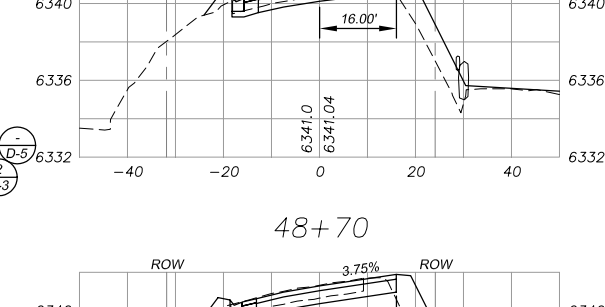
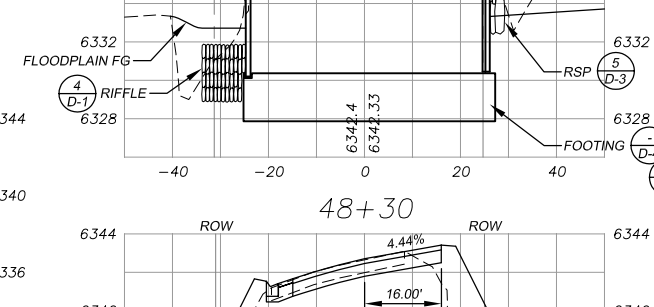
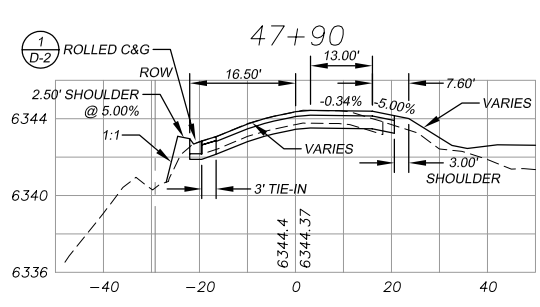
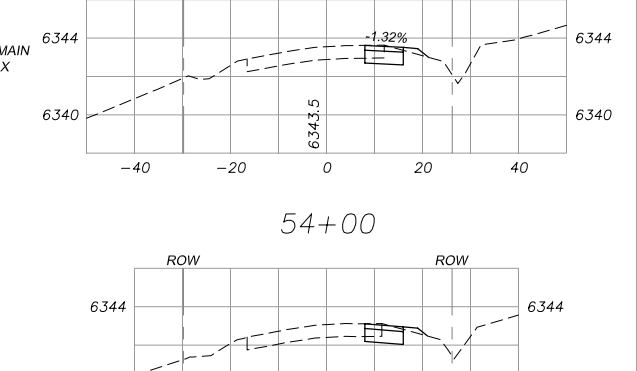
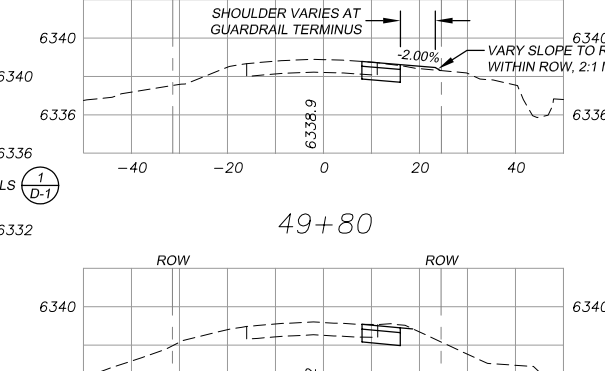
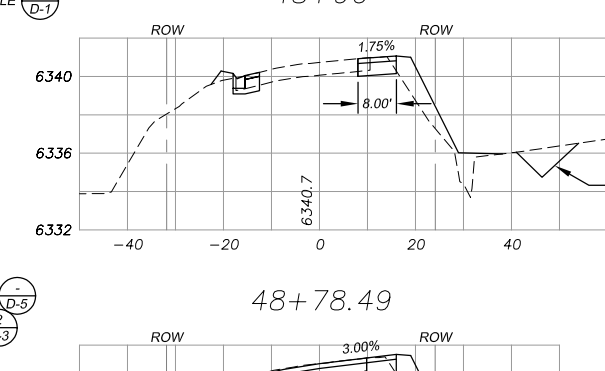
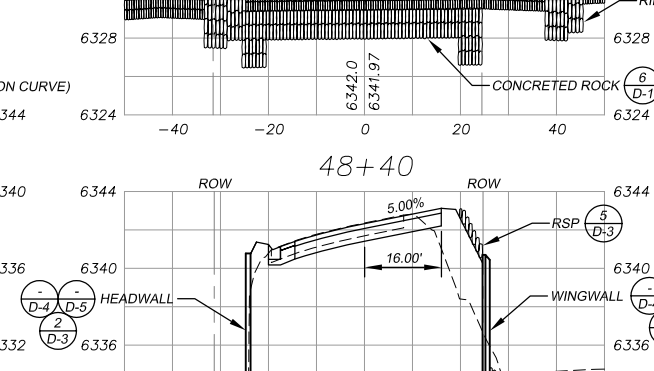
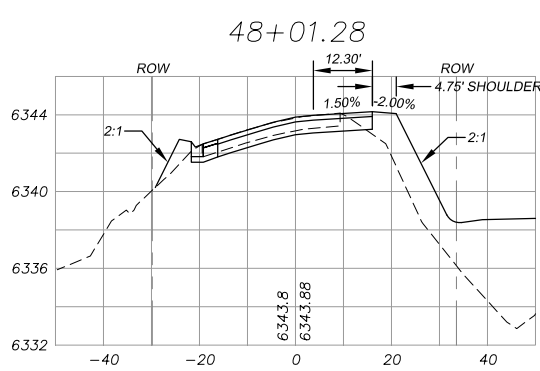
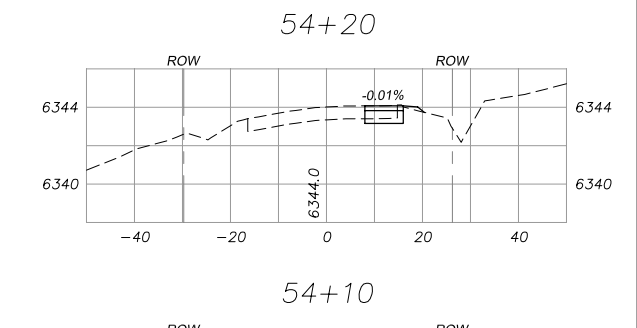
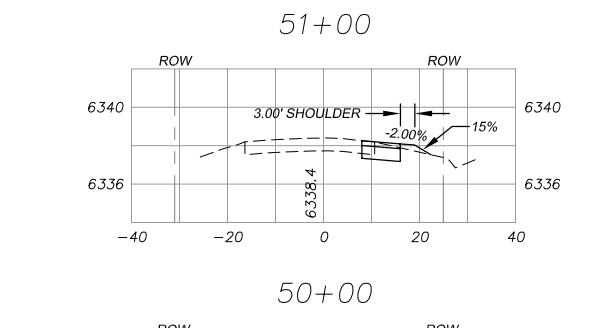
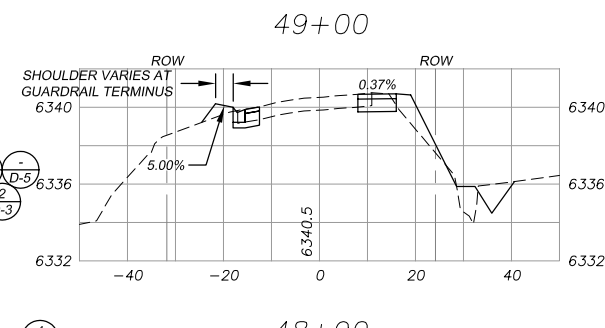
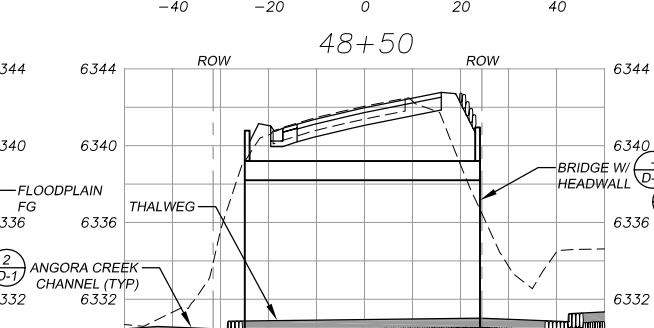
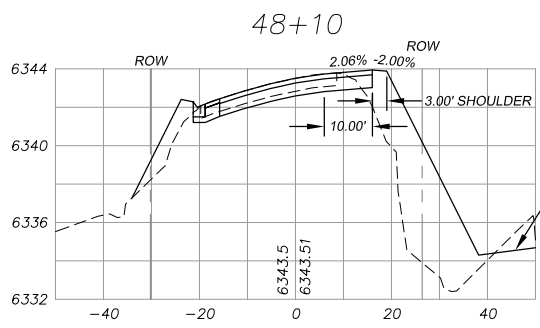
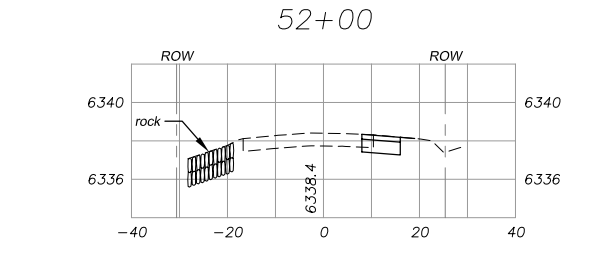
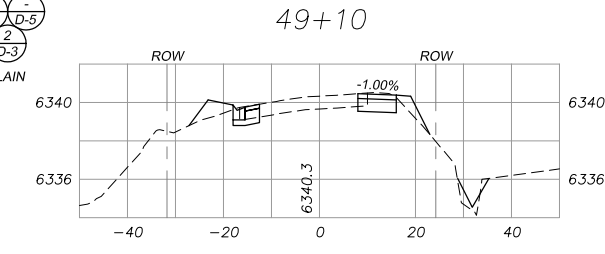
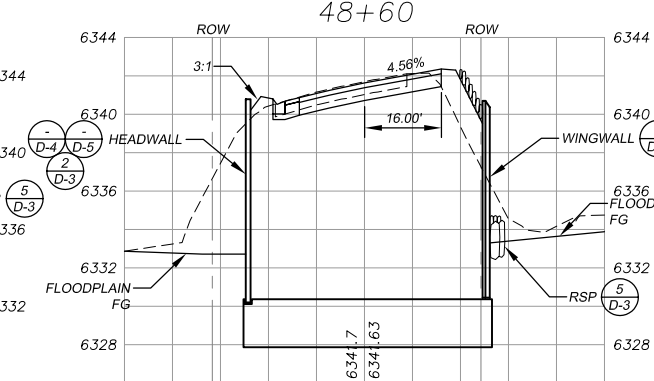
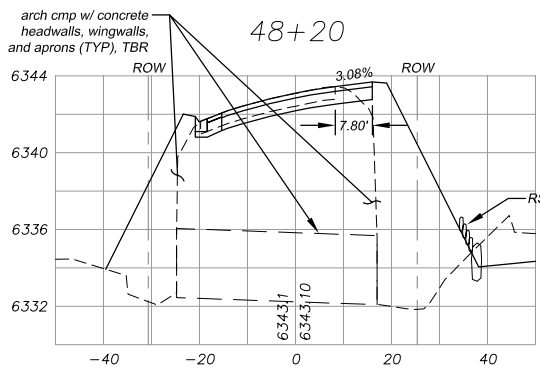
EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION  
 TAHOE ENGINEERING DIVISION

ANGORA CREEK FISHERIES/SEZ  
 ENHANCEMENT PROJECT  
 ANGORA CREEK SEZ BERM REMOVAL  
 AND SHEET PILE PLAN

SHEET P-4  
 8 OF 26  
 CONTRACT NO. PW 09-30486  
 CIP NO. 95161



Drawing name: S:\SDSK\proj\95161\dwg\FINAL PLANS\09\_11\_ANGFISH X SECTIONS.dwg



LAKE TAHOE BLVD

NOTE: EXISTING NO. 1 BACKING AND EXISTING/PROPOSED GUARDRAIL NOT SHOWN FOR CLARITY. SEE SHEET P-3 FOR EXISTING NO. 1 BACKING AND SHEETS P-1, D-2, AND D-4 FOR GUARDRAIL PLACEMENT AT C&G, BRIDGE SYSTEM, AND EP.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

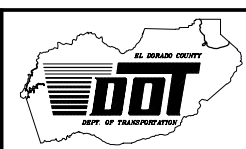
REVISION	NUMBER	DATE	DESCRIPTION	BY

REDUCED SIZE  
NOT TO SCALE



PREPARED UNDER THE SUPERVISION OF:  
*Shawn Kayman*  
REGISTERED CIVIL ENGINEER  
DATE: 3/5/10

DESIGNED: ALD  
DRAWN: ALD  
CHECKED: DP/JG  
DATE: 03/10  
ROAD NUMBER: ---



EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION  
TAHOE ENGINEERING DIVISION

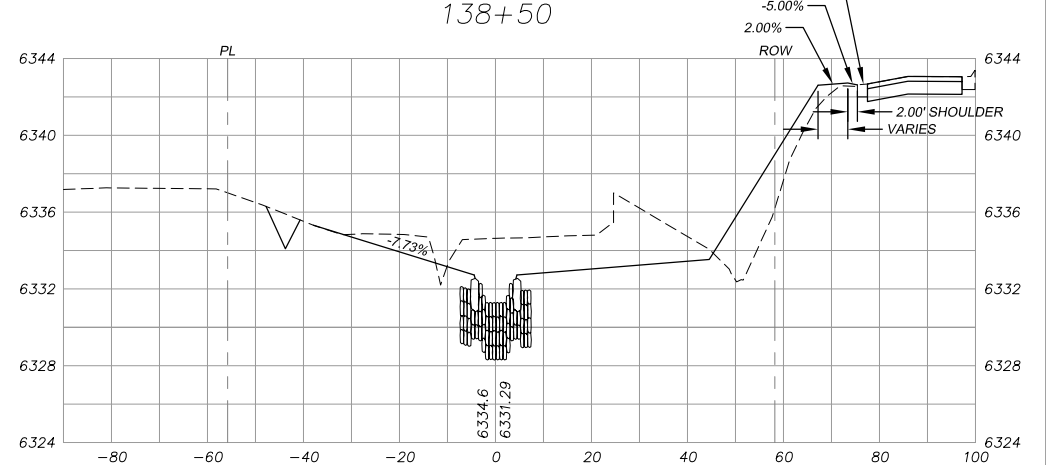
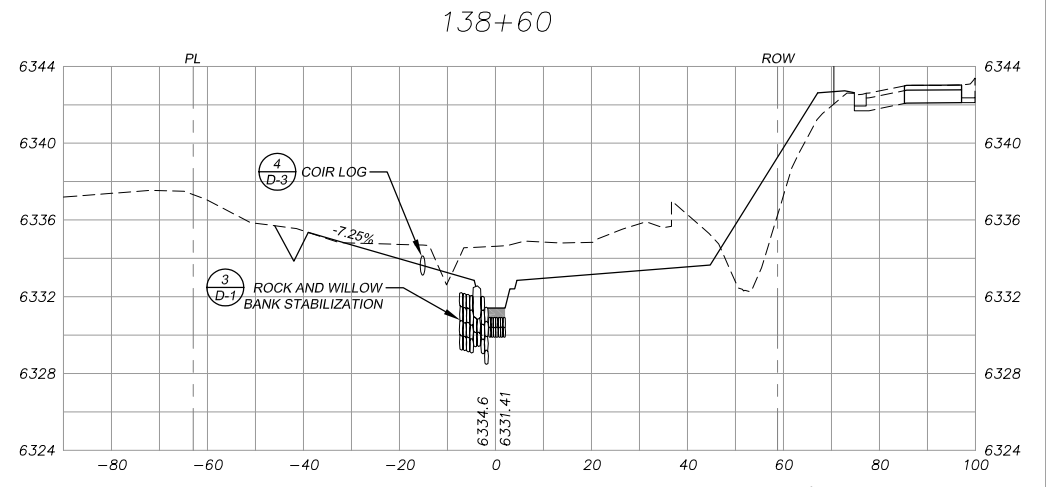
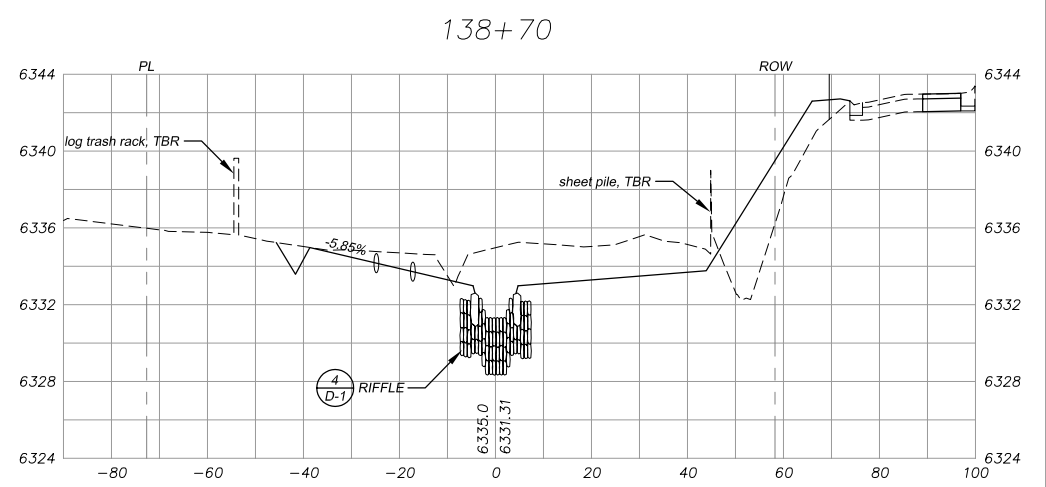
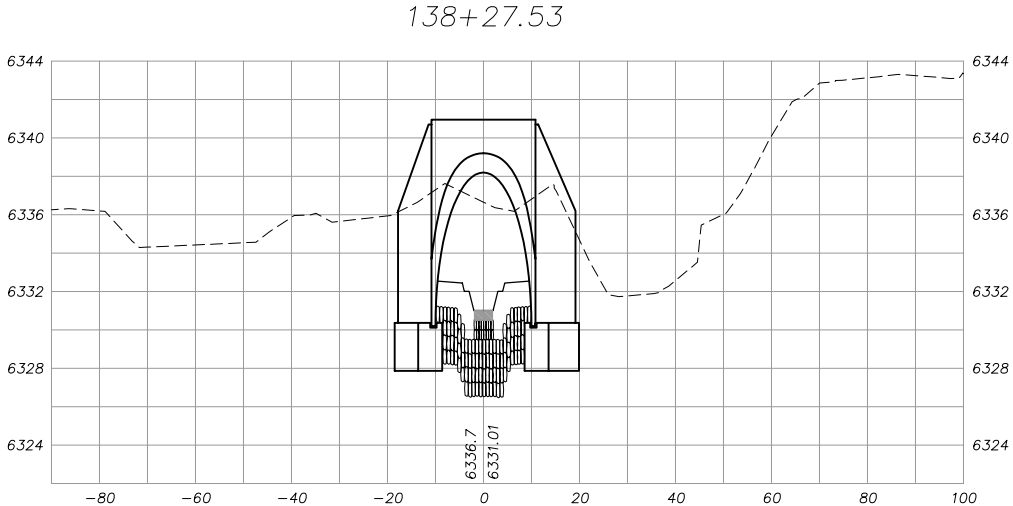
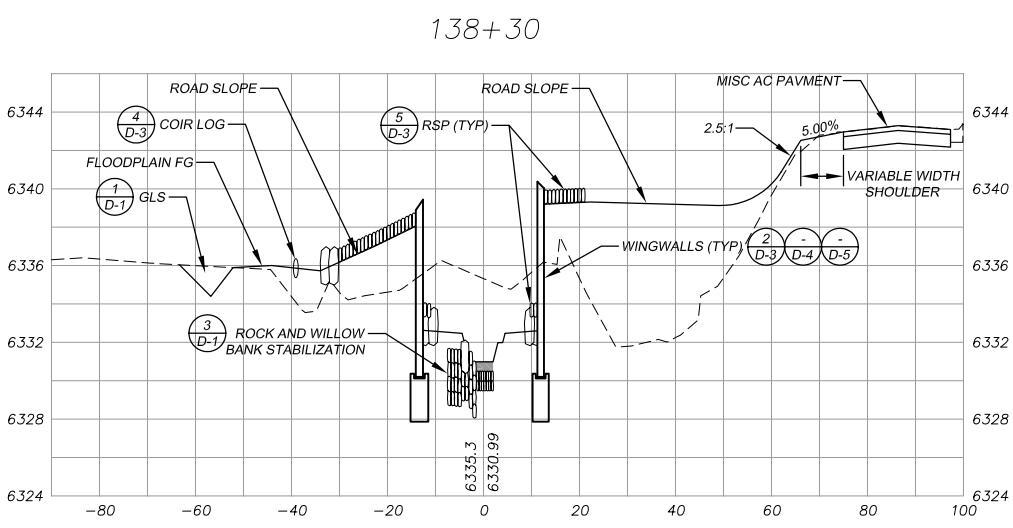
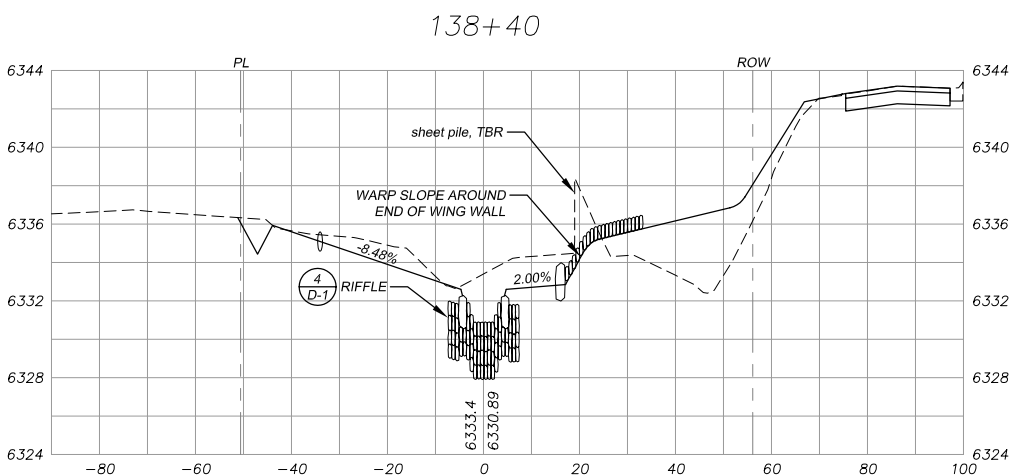
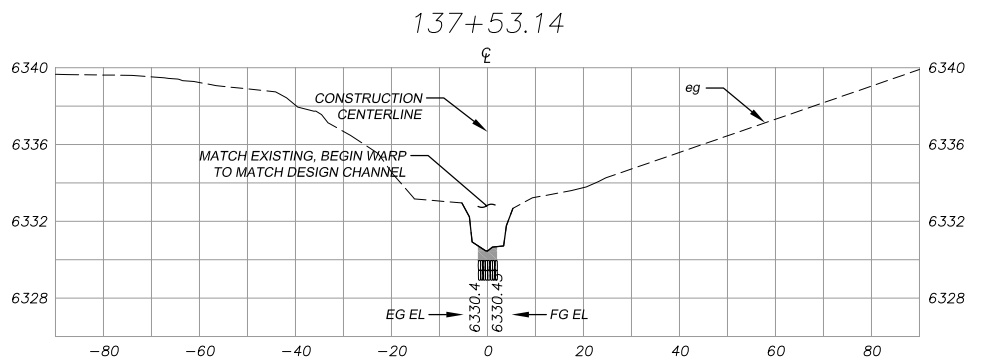
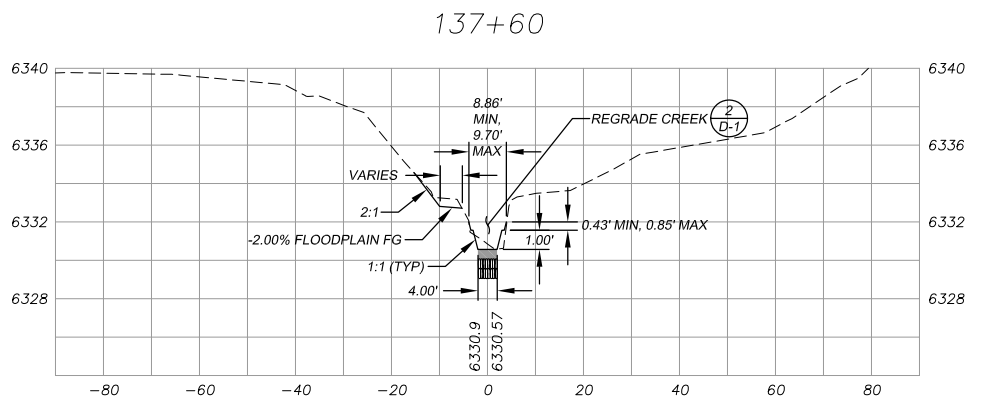
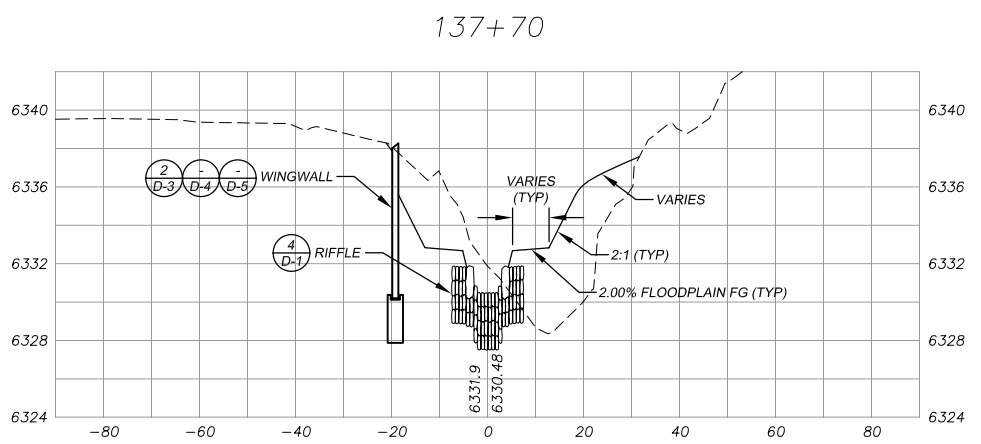
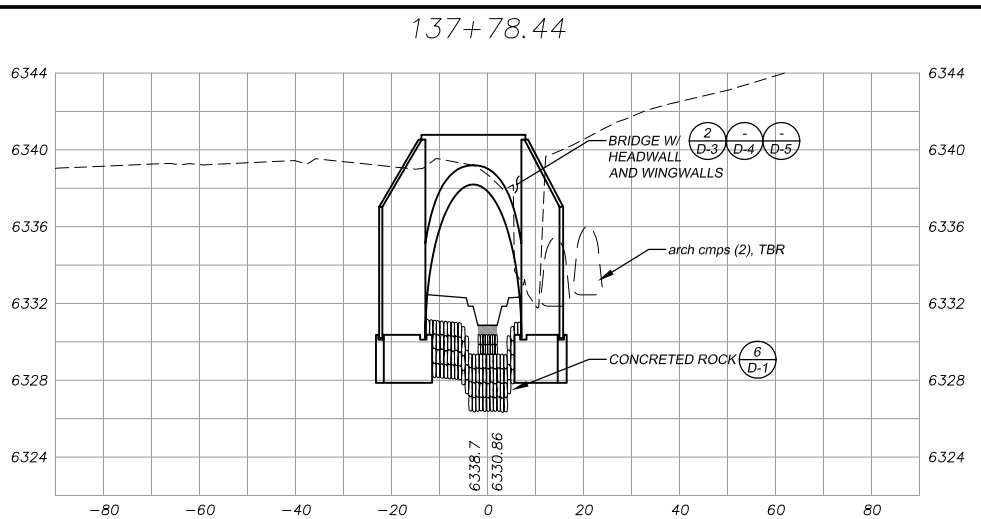
ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT  
CROSS-SECTIONS

SHEET X-1  
9 OF 26  
CONTRACT NO. PW 09-30486  
CIP NO. 95161

10-0073.C.9

Drawing name: s:\SDSK\proj\95161\dwg\FINAL PLANS\09\_11\_ANGFISH X SECTIONS.dwg

ORIGINAL SCALE IS IN INCHES  
FOR REDUCED PLANS  
REVISION



**ANGORA CREEK**

NOTE: EXISTING NO. 1 BACKING AND EXISTING/PROPOSED GUARDRAIL NOT SHOWN FOR CLARITY. SEE SHEET P-3 FOR EXISTING NO. 1 BACKING AND SHEETS P-1, D-2, AND D-4 FOR GUARDRAIL PLACEMENT AT C&G, BRIDGE SYSTEM, AND EP.

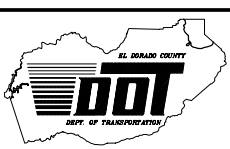
NUMBER	DATE	DESCRIPTION	BY		

REDUCED SIZE  
NOT TO SCALE



PREPARED UNDER THE SUPERVISION OF:  
*Steve Kaplan*  
REGISTERED CIVIL ENGINEER  
DATE: 3/5/10

DESIGNED: ALD  
DRAWN: ALD  
CHECKED: DP/JG  
DATE: 03/10  
ROAD NUMBER: ---



**EL DORADO COUNTY**  
DEPARTMENT OF TRANSPORTATION  
TAHOE ENGINEERING DIVISION

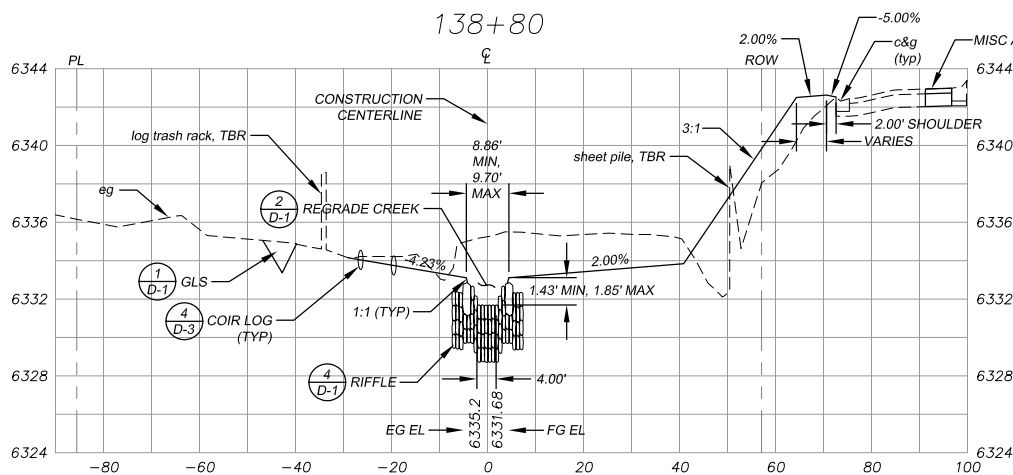
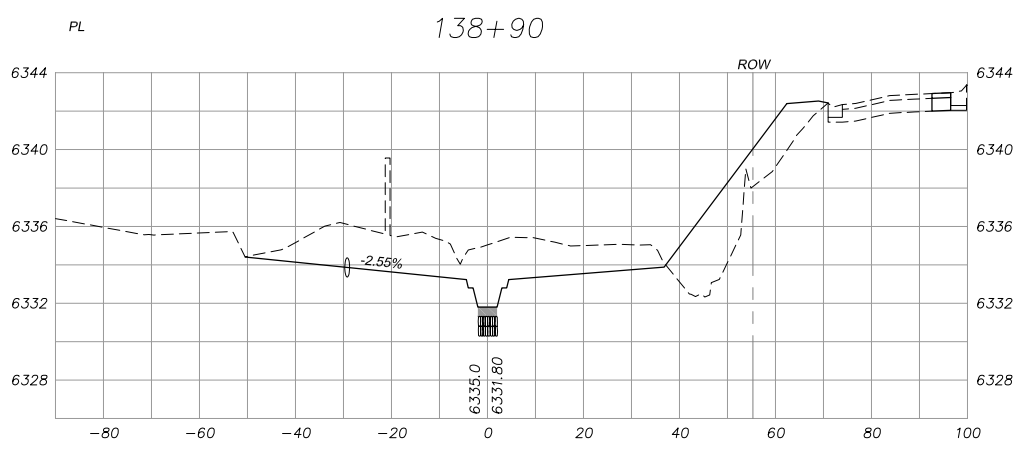
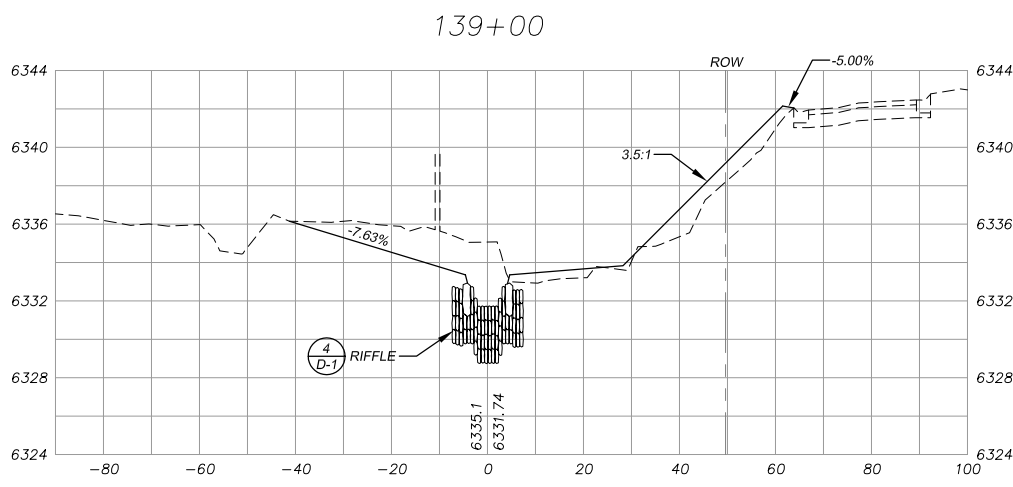
**ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT  
CROSS-SECTIONS**

SHEET X-2  
10 OF 26  
CONTRACT NO. PW 09-30486  
CIP NO. 95161



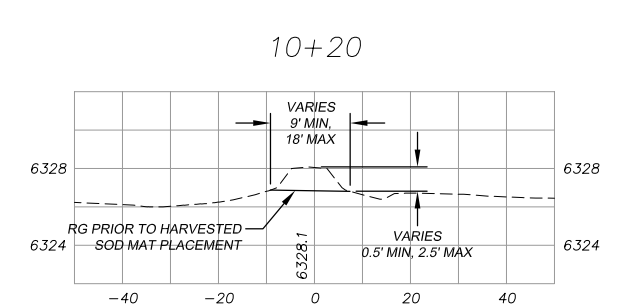
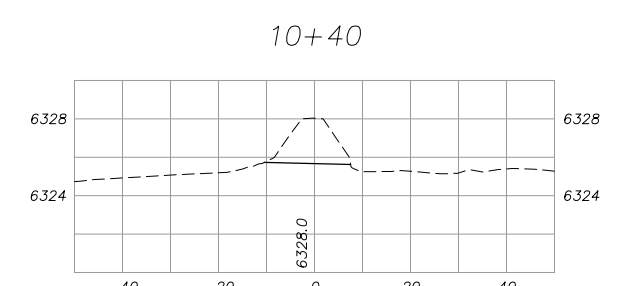
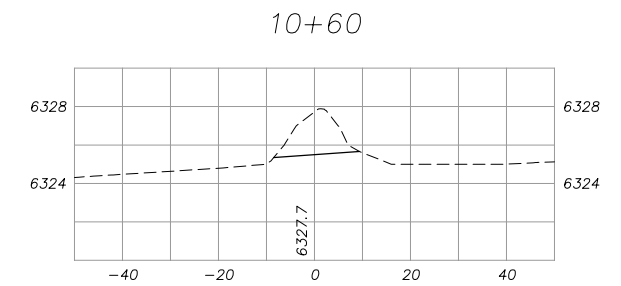
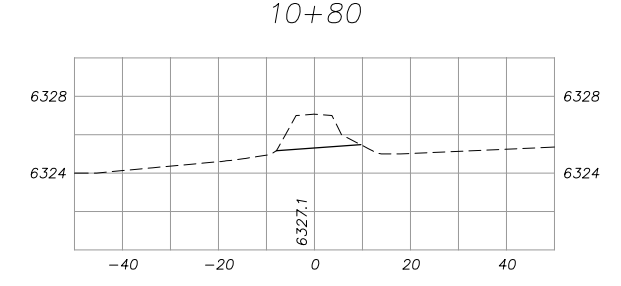
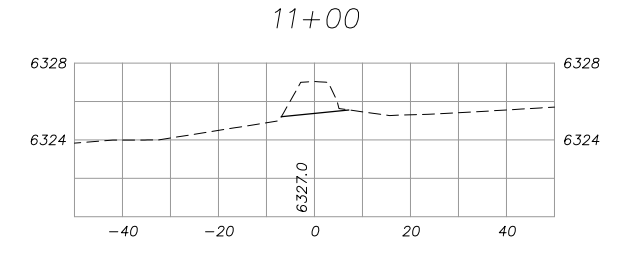
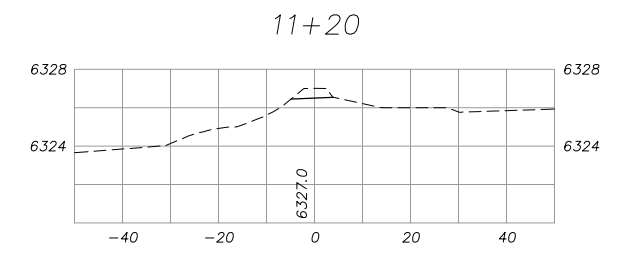
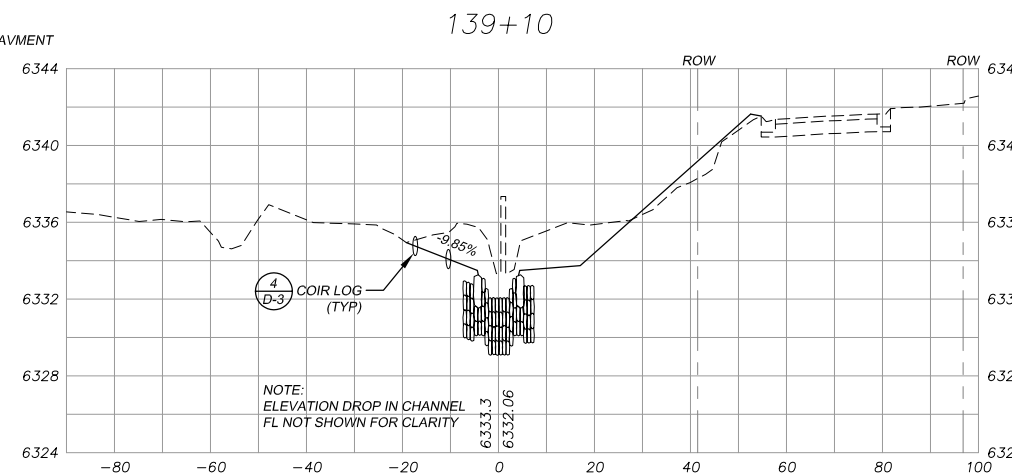
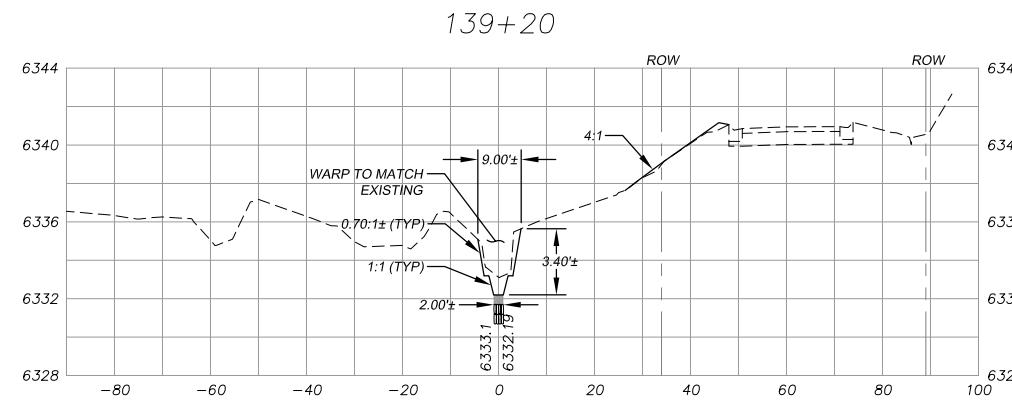
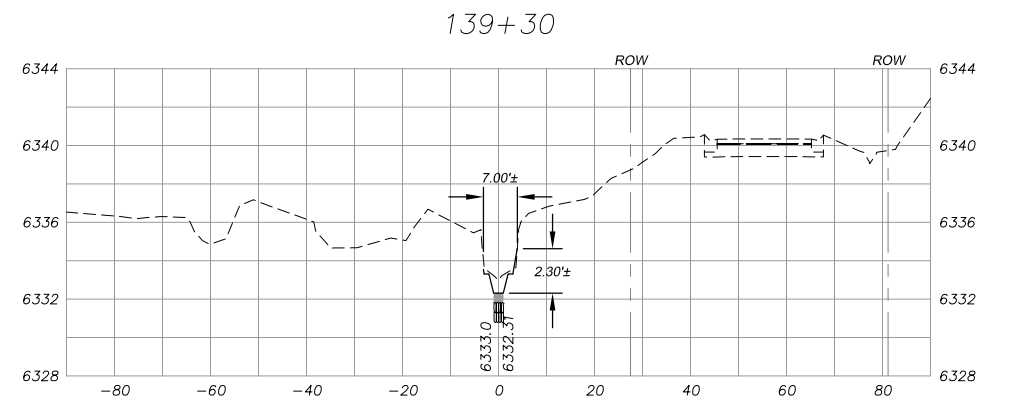
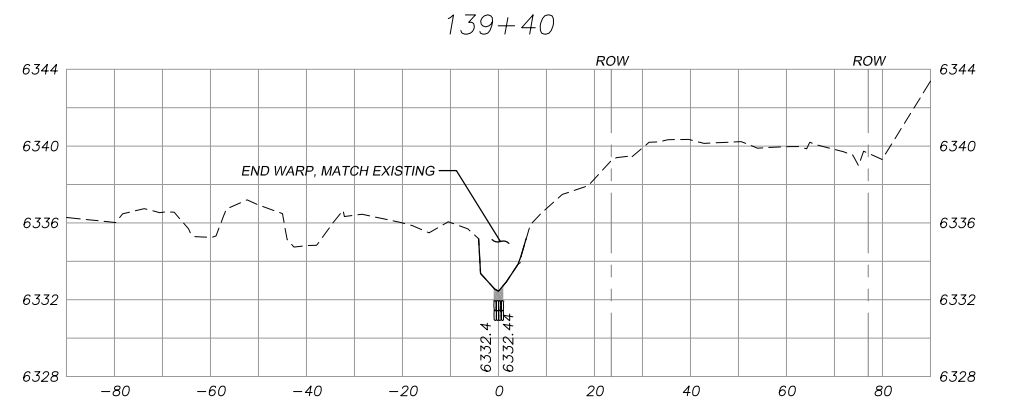
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FOR REDUCED PLANS  
2 ORIGINAL SCALE IS IN INCHES  
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ANGORA CREEK (CON'T)

NOTE: EXISTING NO. 1 BACKING NOT SHOWN FOR CLARITY. SEE SHEET P-3 FOR EXISTING NO. 1 BACKING LOCATION.



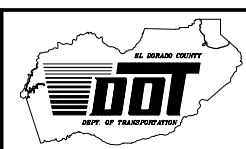
BERM REMOVAL

REDUCED SIZE  
NOT TO SCALE



PREPARED UNDER THE SUPERVISION OF:  
*Steve Kayman*  
REGISTERED CIVIL ENGINEER  
DATE: 3/5/10

DESIGNED: ALD  
DRAWN: ALD  
CHECKED: DP/JG  
DATE: 03/10  
ROAD NUMBER: ---



EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION  
TAHOE ENGINEERING DIVISION

ANGORA CREEK FISHERIES/SEZ  
ENHANCEMENT PROJECT  
CROSS-SECTIONS

SHEET X-3  
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CONTRACT NO. PW 09-30486  
CIP NO. 95161