

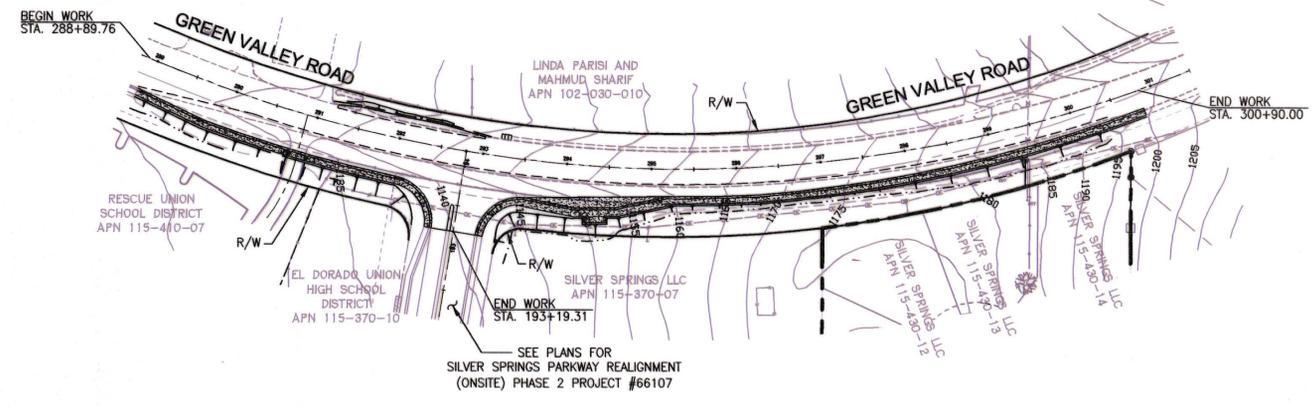
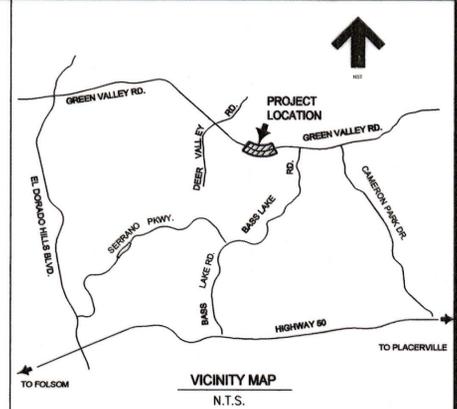
PLANS FOR THE IMPROVEMENT OF PROJECT #66106 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION

EL DORADO COUNTY, CALIFORNIA
TM 97-1330



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SITE PLAN

STANDARD GENERAL NOTES:

1. MATERIALS, CONSTRUCTION QUALITY AND METHODS FOR THIS PROJECT ARE SUBJECT TO THE COUNTY OF EL DORADO DESIGN AND IMPROVEMENT STANDARDS MANUAL, STANDARD PLANS, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS DATED MAY 2006 AND STANDARD SPECIFICATIONS.
2. ALL REFERENCES TO THE STANDARD SPECIFICATION SHALL MEAN THAT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 2006.
3. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL POSSES THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

UTILITY NOTES

1. JOINT TRENCH, ELECTRICAL, GAS, COMMUNICATIONS AND CATV FACILITIES SHALL BE CONSTRUCTED PER THE PLANS "JOINT TRENCH COMPOSITE DRAWING FOR SILVER SPRINGS UNIT #1, DATED 7/9/08".

GENERAL WATER NOTES (E.I.D.):

1. ALL WORK SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION AND TO THE SATISFACTION OF THE EL DORADO IRRIGATION DISTRICT (E.I.D.). ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND E.I.D.'S LATEST VERSION OF THE TECHNICAL SPECIFICATIONS AND STANDARD DRAWINGS.
2. CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE WITH INSPECTION FIVE (5) WORKING DAYS IN ADVANCE OF DOING WORK WITHIN THEIR JURISDICTION. CONSTRUCTION SHALL BE STARTED NO LATER THAN FIVE (5) DAYS AFTER THE PRECONSTRUCTION CONFERENCE.
3. LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE ONLY - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL FACILITIES PRIOR TO ANY EXCAVATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR DETERMINATION AND LOCATION OF UNDERGROUND UTILITIES (PHONE 1-800-642-2444), BUT MORE THAN 14 DAYS PRIOR TO EID RELATED WORK.
5. CONNECTIONS TO EXISTING WATER FACILITIES SHALL BE DONE BY A LICENSED CONTRACTOR IN ACCORDANCE WITH E.I.D. TIE-IN PROCEDURES PER TECHNICAL SPECIFICATION 01000.
6. WHERE EXCAVATIONS FOR ANY FACILITIES CONSTRUCTION EXCEED 5 FEET IN DEPTH, CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM CAL/OSHA IN SACRAMENTO (PHONE 916-920-6123).
7. THE CONTRACTOR SHALL NOTIFY THE EL DORADO IRRIGATION DISTRICT (INSPECTION) 48 HOURS PRIOR TO START OR RESTART OF WORK.
8. ONLY DISTRICT PERSONNEL SHALL OPERATE ANY VALVES ON EXISTING WATER SYSTEM.
9. THE TOTAL SITE REQUIRED FIRE FLOW IS 2,000 GPM AT 20 PSIG RESIDUAL.
10. BASED UPON STATIC CONDITIONS, AND A HYDRAULIC GRADE LINE OF 1474 FT., THE MAXIMUM AND MINIMUM PRESSURE ARE CALCULATED TO BE 107 PSI AND 87 PSI RESPECTIVELY.
11. ALL PIPELINES SHALL BE STERILIZED, FLUSHED, AND PRESSURE TESTED IN ACCORDANCE WITH E.I.D.'S STANDARDS.
12. SERVICE INSTALLATION IN ROADWAYS WITH CUTS OR FILLS GREATER THAN 6 FEET IN HEIGHT AND SLOPES STEEPER THAN 3:1 SHALL HAVE THE METER BOX SET AT FINISH GRADE NEXT TO THE ROAD IN THE LOCATION DIRECTED BY THE DISTRICT. THE SERVICE LINE SHALL THEN BE EXTENDED 5 FEET BEYOND THE SLOPE CATCH POINT WITH PVC SCHEDULE 40 SIZED TO MATCH THE SERVICE. PLACE STEEL T-POSTS PAINTED BLUE AT THE END OF THIS SERVICE LINE.
13. ALL LIDS SHALL BE MARKED "WATER".
14. ALL CURBS SHALL BE MARKED WITH A "W" BRAND WHERE WATER SERVICES INTERCEPT.
15. CONTRACTOR SHALL HAVE A COPY OF THE DISTRICT'S CONSTRUCTION STANDARDS ON THE JOB.
16. REVISIONS TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE DISTRICT.

RECORD DRAWING CERTIFICATE

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF _____ IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME. MONUMENTS HAVE BEEN FOUND OR SET AT ALL BC'S, EC'S AND ANGLE POINTS IN THE RIGHT-OF-WAY (OR ALONG CENTERLINE IN THE MONUMENT WELLS) BY A LICENSED LAND SURVEYOR, AND AN APPROPRIATE MAP FILED IN ACCORDANCE WITH THE LAND SURVEYOR'S ACT.

ENGINEER _____ RCE# _____ DATE _____

GRADING AND GEOTECHNICAL SPECIFICATIONS

ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER, AND IF REQUIRED, BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE COUNTY ORDINANCES AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOCHEMICAL INVESTIGATION AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOCHEMICAL INVESTIGATION.

ENTITLED: GEOTECHNICAL REPORT SILVER SPRINGS RESIDENTIAL DEVELOPMENT AND OFFSITE IMPROVEMENTS PROJECT NO. 7125.5.001.01; ENGED INCORPORATED; FEBRUARY 1, 2006

AT COMPLETION OF THE GRADING OPERATIONS, AN AS-GRADED SOILS, OR IF REQUIRED, AN AS-GRADED SOILS AND GEOLOGICAL REPORT WILL BE PREPARED. ONE COPY OF THE AS-GRADED REPORT WILL BE SUBMITTED TO EACH, THE DOT INSPECTOR, AND DOT EL DORADO HILLS OFFICE.

GEOTECHNICAL ENGINEER'S STATEMENT

THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OUTLINED IN THE REFERENCE SOILS OR GEOLOGICAL/GEOCHEMICAL INVESTIGATION PREPARED FOR THIS DEVELOPMENT BY ENGED INCORPORATED; 2213 PLAZA DRIVE; ROCKLIN, CA 95765.

CEG# _____ DATE _____ EXPIRES _____

Edna H. Henderson RCE# 65 2191 DATE 3-15-11 EXPIRES 3/31/12



LEGEND

EXISTING		NEW
	SIDEWALK, CURB AND GUTTER	
	HANDICAP RAMP	
	STREET SIGN	
	STOP SIGN	
	WOOD POLE	
	CENTERLINE	
	FLOWLINE	
	2:1 SLOPE UNLESS NOTED OTHERWISE	
	PAVING	
	STREET LIGHT	
	MONUMENT	
	GAS	
	UNDERGROUND ELECTRIC	
	OVERHEAD ELECTRIC	
	FENCE	
	EARTH	
	WATER VALVE	
	BLOW OFF VALVE	

ABBREVIATIONS:

AB	AGGREGATE BASE	EX	EXISTING	PP	POWER POLE
AC	ASPHALT CONCRETE PAVEMENT	FOC	FACE OF CURB	PRC	POINT OF REVERSE CURVE
AE	ACCESS EASEMENT	FG	FINISH GROUND	PT	POINT
BB	BEGINNING OF BRIDGE	FF	FINISH FLOOR	R	RADIUS
BC	BEGIN HORIZONTAL CURVE	FH	FIRE HYDRANT	RCP	REINFORCED CONCRETE PIPE
BCR	BEGIN CURB RETURN	FL	FLOW LINE	RT	RIGHT
BEG	BEGIN	FM	FORCE MAIN	RW	RETAINING WALL
BF	BOTTOM OF FOOTING	FS	FINISH SURFACE	R/W	RIGHT OF WAY
BM	BENCH MARK	GB	GRADE BREAK	SG	SUB GRADE
BFC	BOTTOM FACE OF CURB	GL	GUTTER FLOWLINE	SHLD	SHOULDER
BVC	BEGIN VERTICAL CURVE	GR	GRATE	SHT	SHEET
BW	TOE OF WALL FOOTING	HP	HINGE POINT	SS	SLOPE STAKE
CIP	CAST IRON PIPE	HWY	HIGHWAY	STA	STATION
CL	CENTERLINE	INV	INVERT	SW	SIDEWALK
CMP	CORRUGATED METAL PIPE	INTX	INTERSECTION	T	TANGENT
CONST	CONSTRUCT	JP	JOINT POLE	TBC	TOP BACK OF CURB
CR	CURVE RETURN	LF	LINAL FEET	TBW	TOP BACK OF WALK
CT	COURT	LOL	LAYOUT LINE	TC	TOP OF CURB
DI	DROP INLET	LT	LEFT	TF	TOP OF FOOTING
DIP	DUCTILE IRON PIPE	MAX	MAXIMUM	TC	TOP OF GRATE
DOM	DOMESTIC	MBGR	METAL BEAM GUARD RAIL	TOE	TOE OF SLOPE
DWY	DRIVEWAY	MIN	MINIMUM	TP	TELEPHONE POLE
EA	EASEMENT	MH	MANHOLE	TS	TOP OF SLOPE
EB	END OF BRIDGE OR EASTBOUND	N	NORTH	TYP	TYPICAL
EC	END HORIZONTAL CURVE	NC	NOT GRADED	VB	VALVE BOX
ECR	END CURB RETURN	OG	ORIGINAL GROUND	VC	VERTICAL CURVE
EID	EL DORADO IRRIGATION DISTRICT	OH	OVERHEAD	VERT	VERTICAL
ELEV	ELEVATION	PB	PULL BOX	WM	WIRE MESH
EP	EDGE OF PAVEMENT	PC	POINT OF CURVATURE	WSP	WELDED STEEL PIPE
ES	EDGE OF SHOULDER	PCC	POINT OF COMPOUND CURVE		
ETW	EDGE OF TRAVELED WAY	PCC	PORTLAND CEMENT CONCRETE		
EVC	END VERTICAL CURVE	PCVC	POINT OF COMPOUND VERTICAL CURVE		
		PI	POINT OF INTERSECTION		
		PL	PROPERTY LINE		

BENCH MARK: ELEV=1189.89

ALL ELEVATIONS ARE IN FEET AND REFERRED TO EL DORADO COUNTY TEMPORARY BENCHMARK BEING A CONCRETE NAIL 5 FEET NORTH OF THE SOUTHERLY EDGE OF PAVEMENT ON GREEN VALLEY ROAD AT THE APPROXIMATE ENGINEER'S STATIONING 299+50. ELEVATION=1189.89 FEET, REFERENCE TIES: BEING 33.5' NORTHEAST OF A PT & T POLE MARKED SPL18600 ON THE SOUTHERLY SIDE OF GREEN VALLEY ROAD. ALSO 53.0 FEET NORTHEAST OF AN 18 INCH CMP ON THE SOUTHERLY SIDE OF GREEN VALLEY ROAD.

APPROVED BY:

Edna H. Henderson 66017 3/15/11
REGISTERED CIVIL ENGINEER RCE# DATE

Raymond A. Wright 5-14-13
CHAIR, BOARD OF SUPERVISORS DATE
Ron V. Briggs Board date 10-30-12

WATER SERVICE CERTIFICATION

I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER 5874 SHEET 8 HAS BEEN DESIGNED TO PROVIDE EACH LOT (OR FACILITY) OF THIS TRACT (PROJECT) WITH ADEQUATE WATER PRESSURE AND FIRE FLOW AS OF THE DATE SHOWN, BASED ON CRITERIA SUPPLIED BY THE EL DORADO IRRIGATION DISTRICT.

Edna H. Henderson 66017 3/15/11
REGISTERED CIVIL ENGINEER RCE# DATE

UTILITY REPRESENTATIVES

UTILITY	REPRESENTATIVE	TELEPHONE
GAS PG&E	JENNIFER DONOVAN	(530) 621-7228
ELECTRICITY PG&E	JENNIFER DONOVAN	(530) 621-7228
TELEPHONE AT&T	ASTRID WILLARD → GAREL PRINCE →	(530) 860-2531
WATER E.I.D.	MARC MACKAY → MICHAEL DRINK →	(530) 642-1864
SEWER E.I.D.	MARC MACKAY → MICHAEL DRINK →	(530) 642-1864
DRAINAGE EL DORADO COUNTY	SEE COUNTY INSPECTOR	
USA USA		(800) 642-2444
FIRE RESCUE FIRE PROTECTION DISTRICT	GUY DELANEY	(530) 677-1868
CABLE TV COMCAST	MARK HUGHES → KIP MILLER →	(926) 424-0344 (916) 374-7783 (650) 444-5865

PERMITS

PERMIT	NUMBER	DATE
ENVIRONMENTAL IMPACT REPORT OR NEGATIVE DECLARATION	SCH970721024 SCH9291129	JUNE 1998
AREA OF DISTURBANCE	1.65 - 3.45	ACRES
WDD NUMBER FOR RECEIPT OF SWPPP/NOI	5500-333065- 5505C353950	JULY 2006- SEPT 2011

COUNTY OF EL DORADO IMPROVEMENT PLAN APPROVAL

Math D. Smith 5/1/13
JAMES W. WARE → ROBERT S. SLATER → RCE 41036-36772 → DATE
COUNTY ENGINEER
DEPARTMENT OF TRANSPORTATION MATHEW D. SMELTZER, PE
COUNTY OF EL DORADO (RCE 0506822)

EL DORADO IRRIGATION DISTRICT

Robert W. Wells 4/15/11
APPROVED FOR CONSTRUCTION DATE

PROJECT No.	WORK ORDER No.	DRAWING No.
06-79996	79996	5874

PREPARED UNDER THE SUPERVISION OF:

Edna H. Henderson
EDWIN J. HENDERSON
3/15/11
DATE

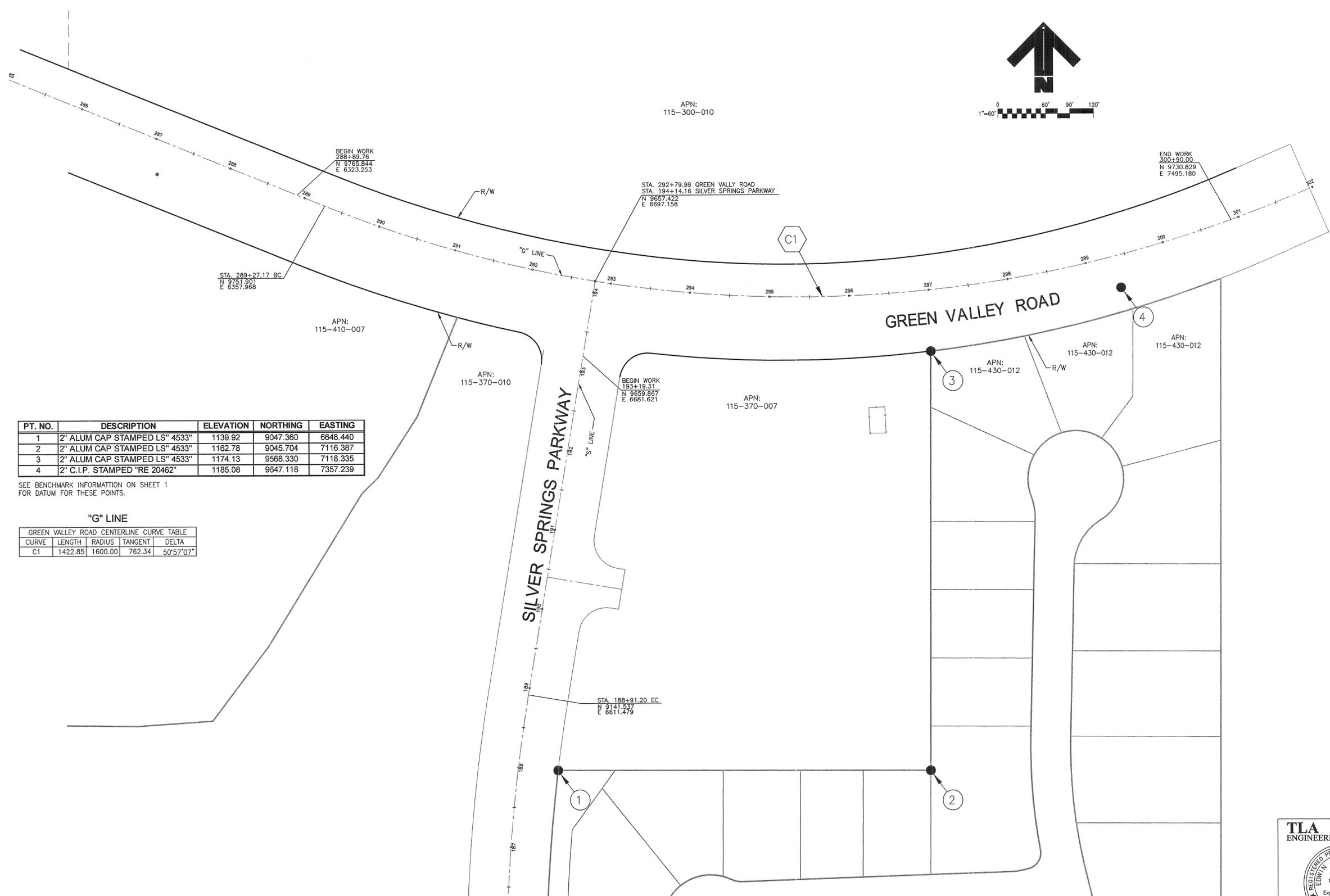


OTHER INFORMATION:
 SILVER SPRINGS LLC
 2999 OAK ROAD, SUITE 400
 WALNUT CREEK, CA 94597
 (925) 933-1405

ENGINEERING & PLANNING
 1000 WILSON AVENUE
 WILSON, CA 94095

CALIFORNIA
 PROJECT #66106
 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
 COVER SHEET
 TM 97-1330, COUNTY CONTRACT NO. PW 08-30470

SHEET 1 OF 18



PT. NO.	DESCRIPTION	ELEVATION	NORTHING	EASTING
1	2" ALUM CAP STAMPED LS" 4533"	1139.92	9047.360	6648.440
2	2" ALUM CAP STAMPED LS" 4533"	1162.78	9045.704	7116.387
3	2" ALUM CAP STAMPED LS" 4533"	1174.13	9568.330	7118.335
4	2" C.I.P. STAMPED "RE 20462"	1185.08	9647.118	7357.239

SEE BENCHMARK INFORMATION ON SHEET 1 FOR DATUM FOR THESE POINTS.

"G" LINE

GREEN VALLEY ROAD CENTERLINE CURVE TABLE				
CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	1422.85	1600.00	762.34	50°57'07"

HORIZONTAL CONTROL PLAN

TLA
ENGINEERING & PLANNING

DATE: 4.4.11

GRADING AND IMPROVEMENT PLANS FOR
PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
HORIZONTAL CONTROL PLAN

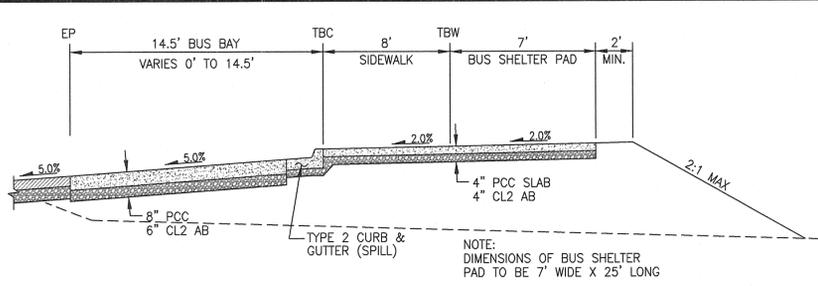
EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470 CALIFORNIA

OWNER INFORMATION
SILVER SPRINGS LLC
2989 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
ROSEVILLE, CALIFORNIA 95678-0003

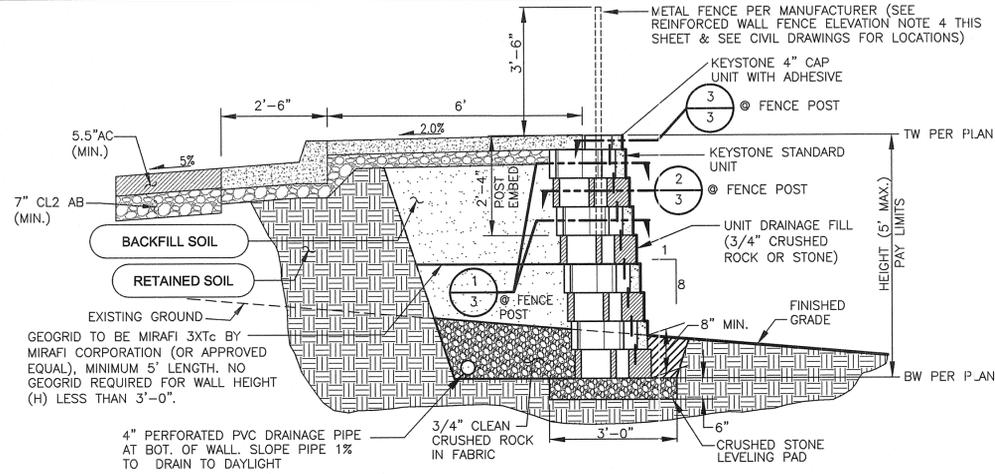
REVISION	STATUS	DATE	BY

SHEET 2 OF 18



BUS BAY & SHELTER PAD TYPICAL SECTION

SCALE: N.T.S.



TYPICAL REINFORCED WALL SECTION

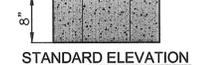
Standard Unit - 1" Setback

Scale: N.T.S.

GENERAL NOTES FOR RETAINING WALLS

1. SOIL DESIGN PARAMETERS: GEOTECHNICAL DESIGN PARAMETERS FROM ENGeo INCORPORATED, GEOTECHNICAL REPORT UPDATED BASS LAKE ROAD REALIGNMENT - PHASE 2; PROJECT NO. 42.5.S050.01, DATED FEBRUARY 2, 2005.

WALL BACKFILL: UNIT WEIGHT: 125 PCF
INTERNAL FRICTION ANGLE: 30 DEGREES
COHESION: 0 PSF
ALLOWABLE BEARING PRESSURE: 2500 PSF

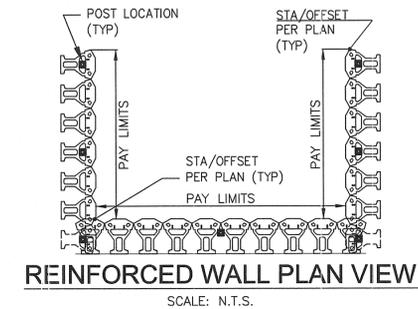


3-PLANE SPLIT CAP UNIT OPTION

* DIMENSIONS & AVAILABILITY WILL VARY BY REGION

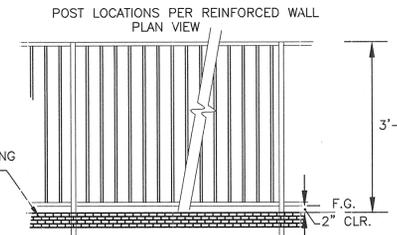
STANDARD UNIT

* Dimensions May Vary by Region



REINFORCED WALL PLAN VIEW

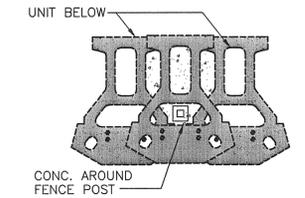
SCALE: N.T.S.



- 1" x 3" STEEL TUBE TOP & BOTTOM RAIL
- 3" x 3" STEEL TUBE POST
- 3/8" SQ. STEEL TUBING @ 4" O.C.
- FENCE SPECIFICATIONS PER MASTER HALCO CO. INC. 8400 ROVANA CIRCLE SACRAMENTO, CA 95828 (800) 966-1229. OR EQUIVALENT.

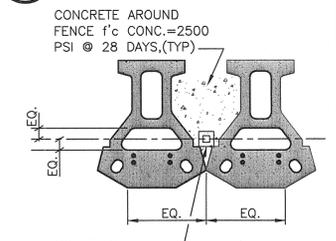
REINFORCED WALL METAL FENCE ELEVATION

SCALE: N.T.S.



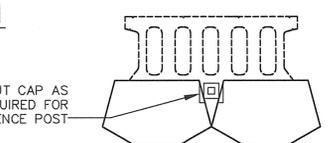
FIRST & THIRD COURSE

SCALE: N.T.S.



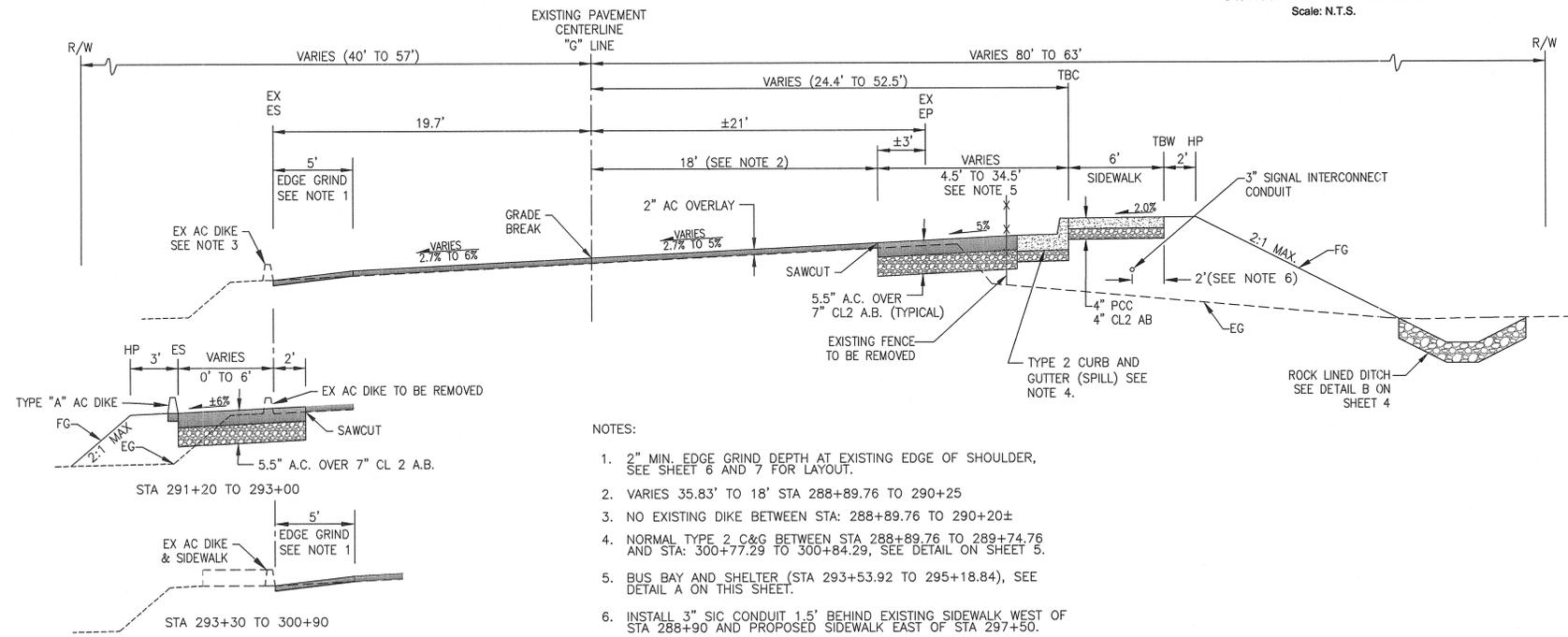
SECOND COURSE

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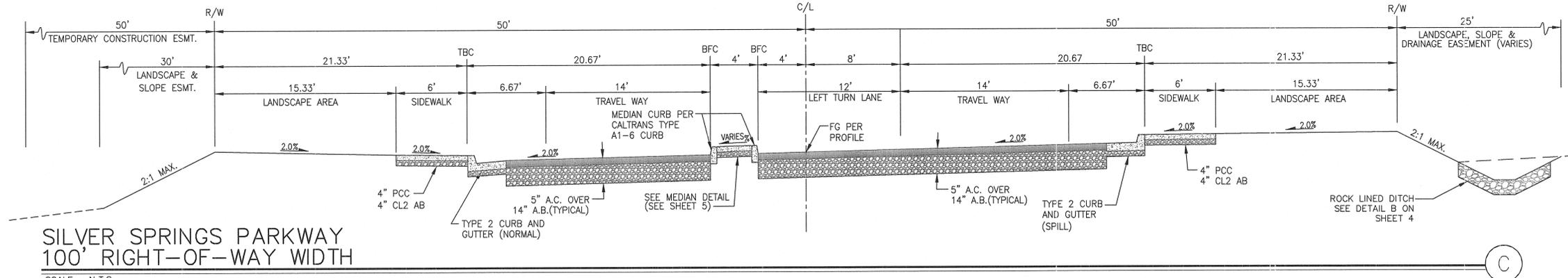
CAP COURSE

SCALE: N.T.S.



GREEN VALLEY ROAD TYPICAL WIDENING - STA. 288+89.76 TO 300+90

SCALE: N.T.S.



SILVER SPRINGS PARKWAY 100' RIGHT-OF-WAY WIDTH

SCALE: N.T.S.

TLA ENGINEERING & PLANNING



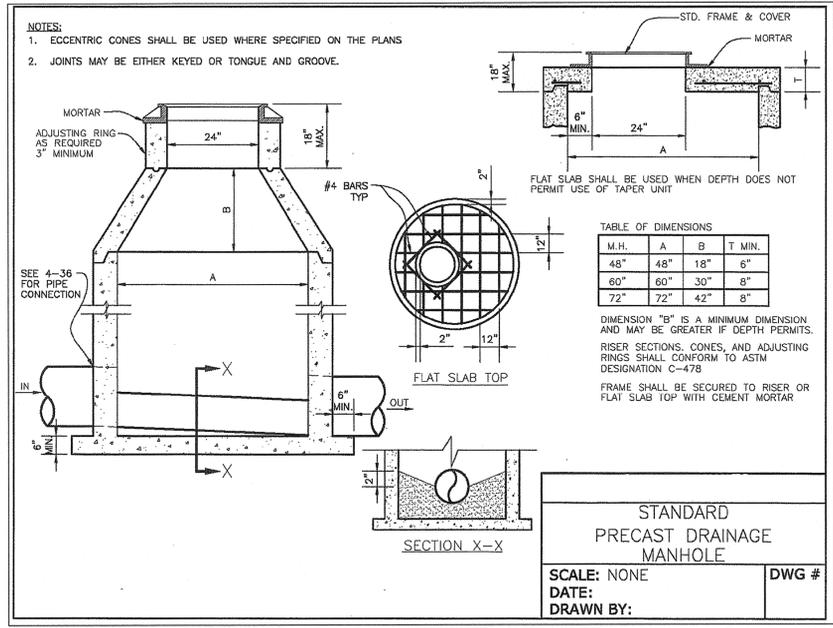
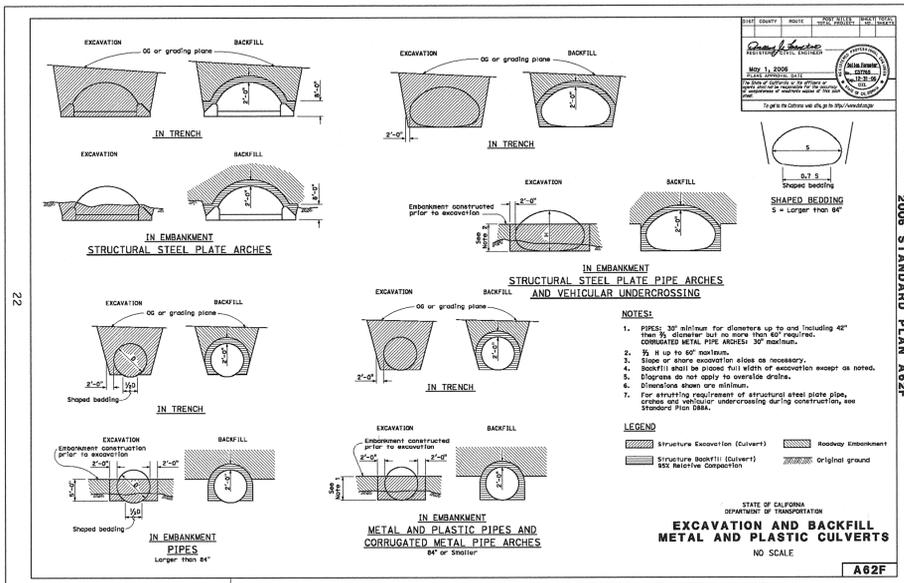
DATE: 4.4.11

OWNER INFORMATION
SILVER SPRINGS LLC
2999 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
1508 BUREAU ROAD, SUITE 100
ROSELILLE, CALIFORNIA 94568

CALIFORNIA
PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
TYPICAL SECTIONS AND WALL DETAILS
COUNTY CONTRACT NO. PW 09-30470
TM 97-1330

SHEET 3 OF 18
DATE: 4.4.11

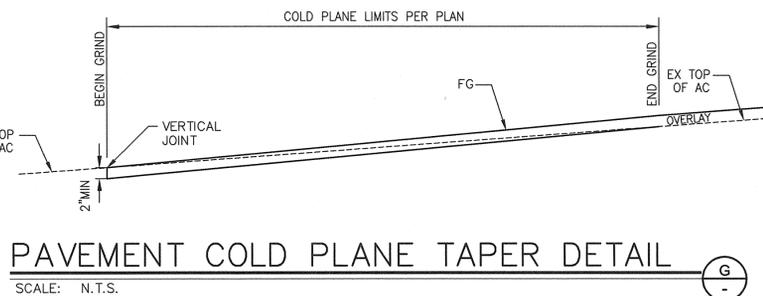
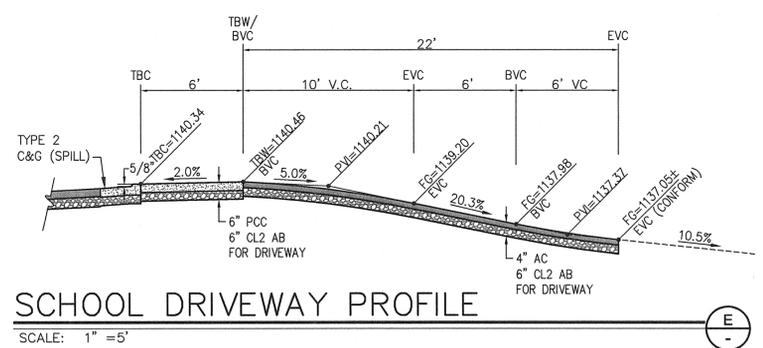
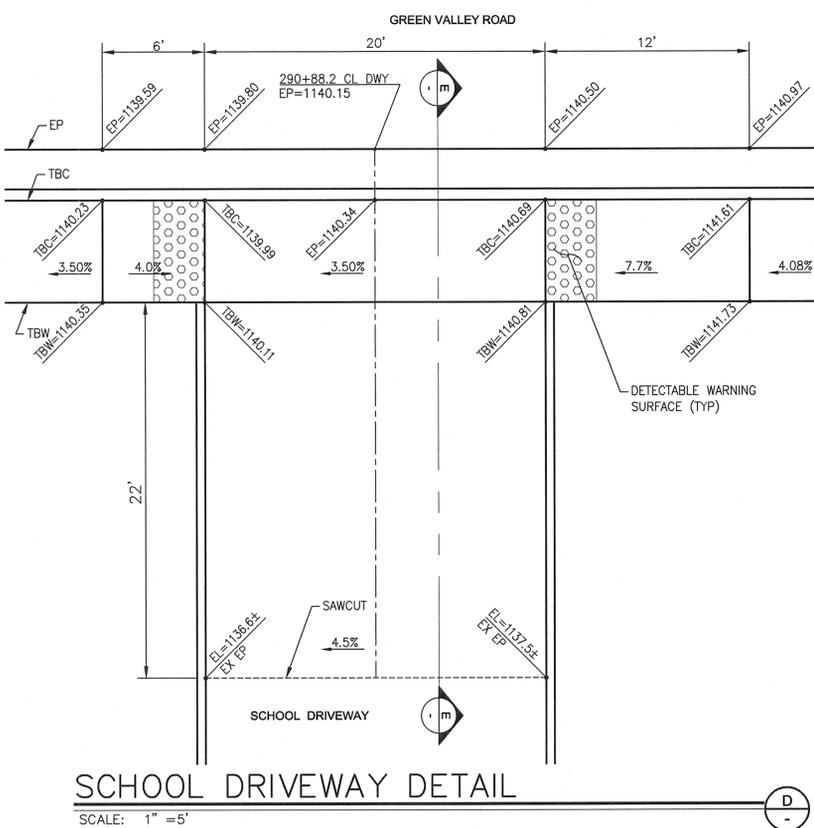
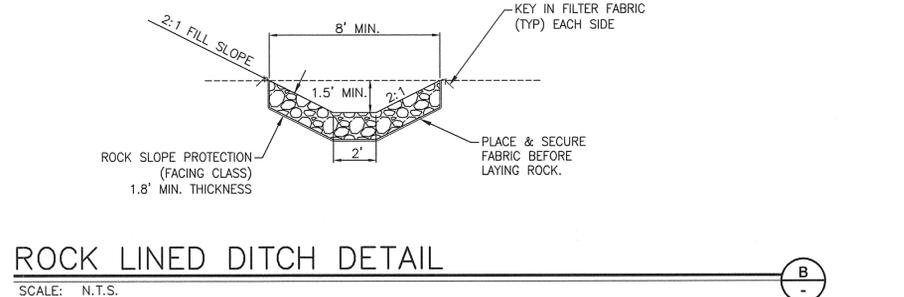


EXCAVATION & BACKFILL FOR METAL & PLASTIC CULVERTS

SCALE: N.T.S.

STORM DRAIN MANHOLE

SCALE: N.T.S.



SCHOOL DRIVEWAY DETAIL

SCALE: 1" = 5'

PAVEMENT COLD PLANE TAPER DETAIL

SCALE: N.T.S.

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
No. 66017
Exp. 06-30-12
CIVIL
STATE OF CALIFORNIA

DATE: 11/11/11

OWNER INFORMATION
SILVER SPRINGS LLC
2899 CHALK ROAD, SUITE 400
WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
1200 RIVERVIEW AVENUE, SUITE 100
DUBLIN, CA 94568

CALIFORNIA

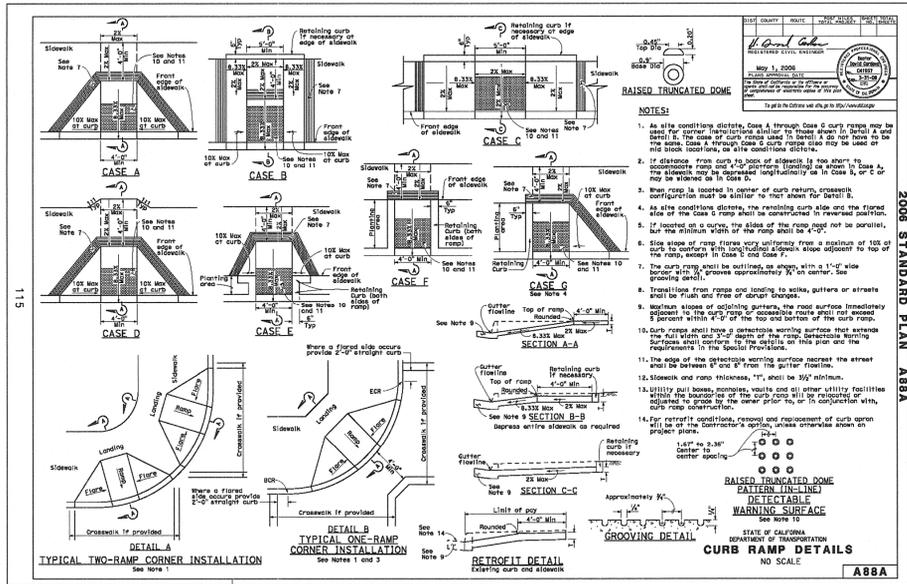
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION DETAILS

TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

SHEET 4 OF 18

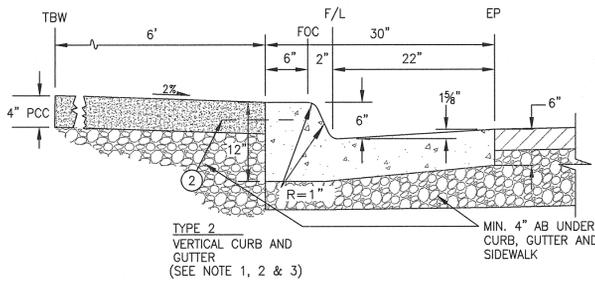
APPROVED BY: [Signature]

REVISION



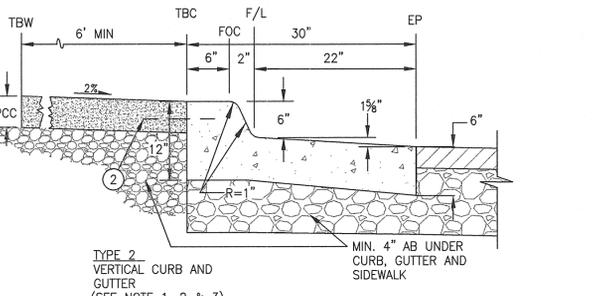
CURB RAMP W/TRUNCATED DOMES DETAIL
SCALE: NTS

- NOTE:**
- ALL CONCRETE CURBS AND SIDEWALKS SHALL BE PER CALTRANS SPECIFICATIONS, SECTION 73.
 - 1/2" x 18" LONG DOWEL MINIMUM 4 FT. CENTER TO CENTER SPACING, APPROX.
 - PLACE 1/2" TRANSVERSE EXPANSION JOINTS OF ASPHALT IMPREGNATED CELOTEX IN SIDEWALK, CURB & GUTTER AT 20' INTERVALS. ALL CONCRETE TO BE SCORED EVERY 10'.

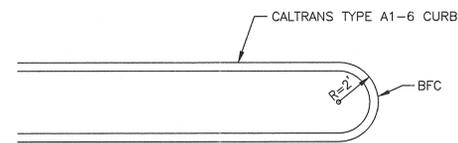


TYPE 2 VERTICAL CURB AND GUTTER (NORMAL)
SCALE: N.T.S.

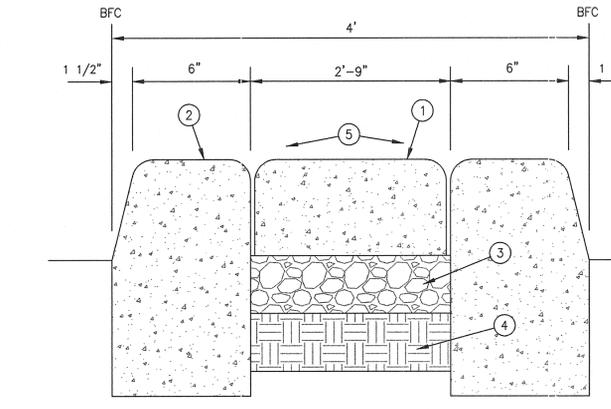
- NOTES:**
- ALL CONCRETE CURBS AND SIDEWALKS SHALL BE PER CALTRANS SPECIFICATIONS, SECTION 73.
 - 1/2" x 18" LONG DOWEL MINIMUM 4 FT. CENTER TO CENTER SPACING, APPROX.
 - PLACE 1/2" TRANSVERSE EXPANSION JOINTS OF ASPHALT IMPREGNATED CELOTEX IN SIDEWALK, CURB & GUTTER AT 20' INTERVALS. ALL CONCRETE TO BE SCORED EVERY 10'.



TYPE 2 VERTICAL CURB AND GUTTER (SPILL)
SCALE: N.T.S.

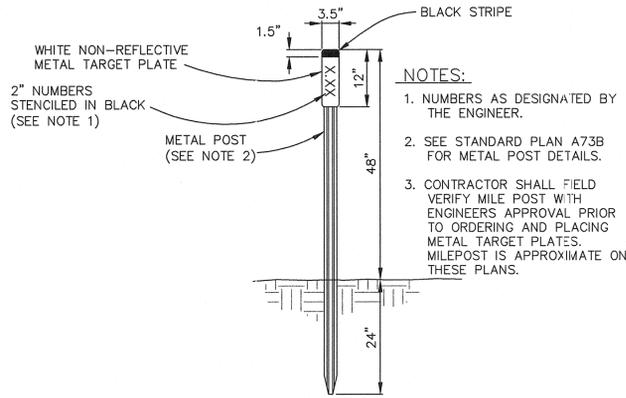


MEDIAN NOSE DETAIL
SCALE: N.T.S.



MEDIAN PAVING SECTION
SCALE: N.T.S.

- NOTES:**
- 4" THICK STAMPED CONCRETE INTEGRAL COLOR SCOFIELD: C-31 (SHADOW SLATE) IN A RUNNING BOND BRICK INTERLOCKING PATTERN WITH WELDED WIRE MESH REINFORCEMENT. 2500 PSI STRENGTH RATING WITH EDGES EASED. PLACE 1/2" TRANSVERSE EXPANSION JOINTS OF ASPHALT IMPREGNATED CELOTEX AT 20' INTERVALS. ALL CONCRETE TO BE SCORED EVERY 10'.
 - FINISH GRADE FLUSH WITH CALTRANS TYPE A1-6 CURB.
 - 4" AGGREGATE BASE, 95% COMPACTION.
 - COMPACTED SUBGRADE: 95% TOP 6"
 - SLOPE TO DRAIN.



MARKER - CULVERT
SCALE: N.T.S.

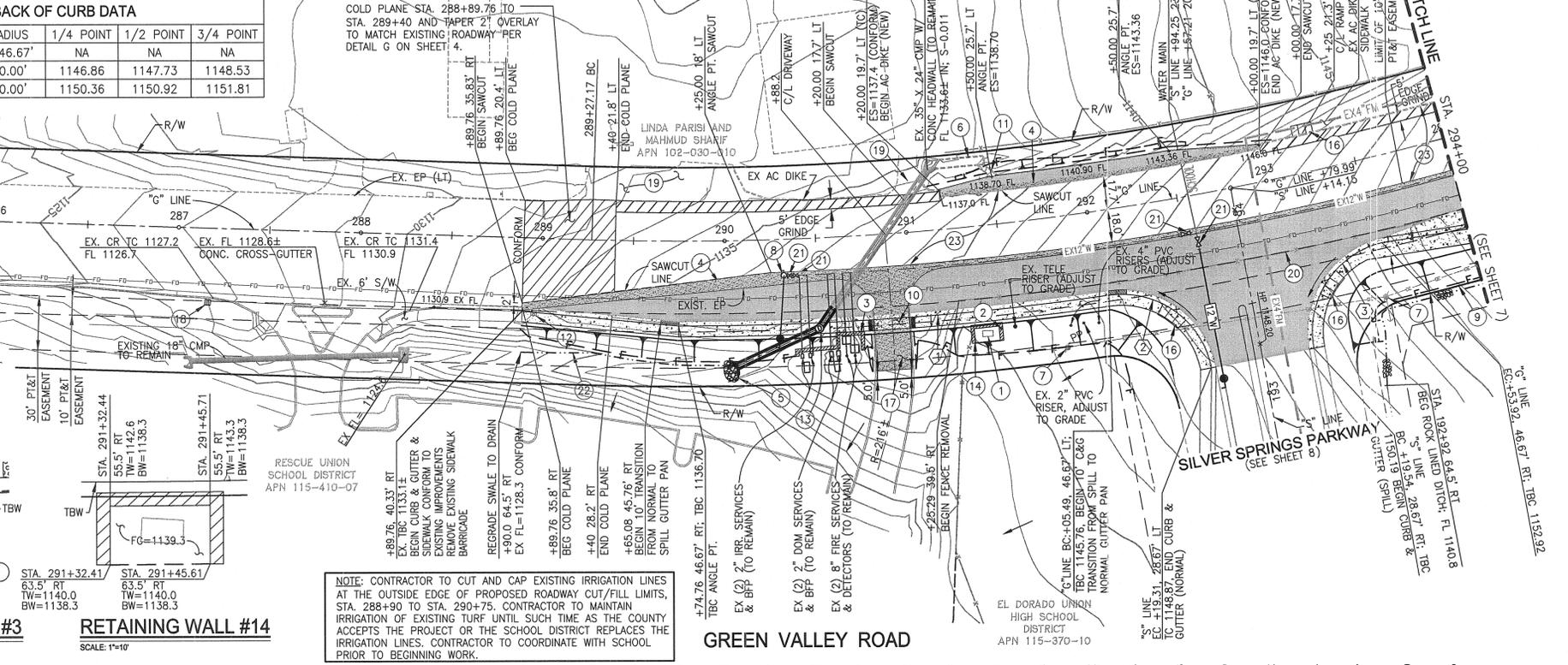
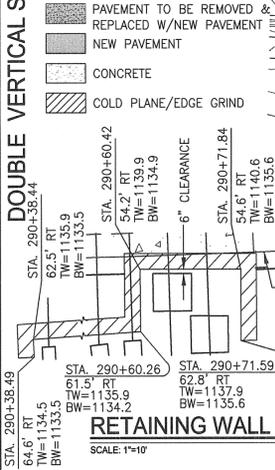
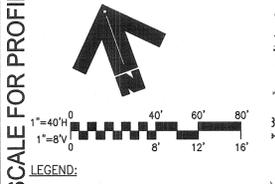
OWNER INFORMATION	SILVER SPRINGS, LLC 2999 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597
ENGINEERING & PLANNING	TLA ENGINEERING & PLANNING ROSEVILLE, CA 95661
PROJECT #66106	GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION CURB AND ADA DETAILS
COUNTY CONTRACT NO.	TM 97-1330, COUNTY CONTRACT NO. PW 09-30470
SHEET	5 OF 18

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
No. 66017
Exp. 06-30-12
CIVIL
STATE OF CALIFORNIA

DATE: 4.4.11

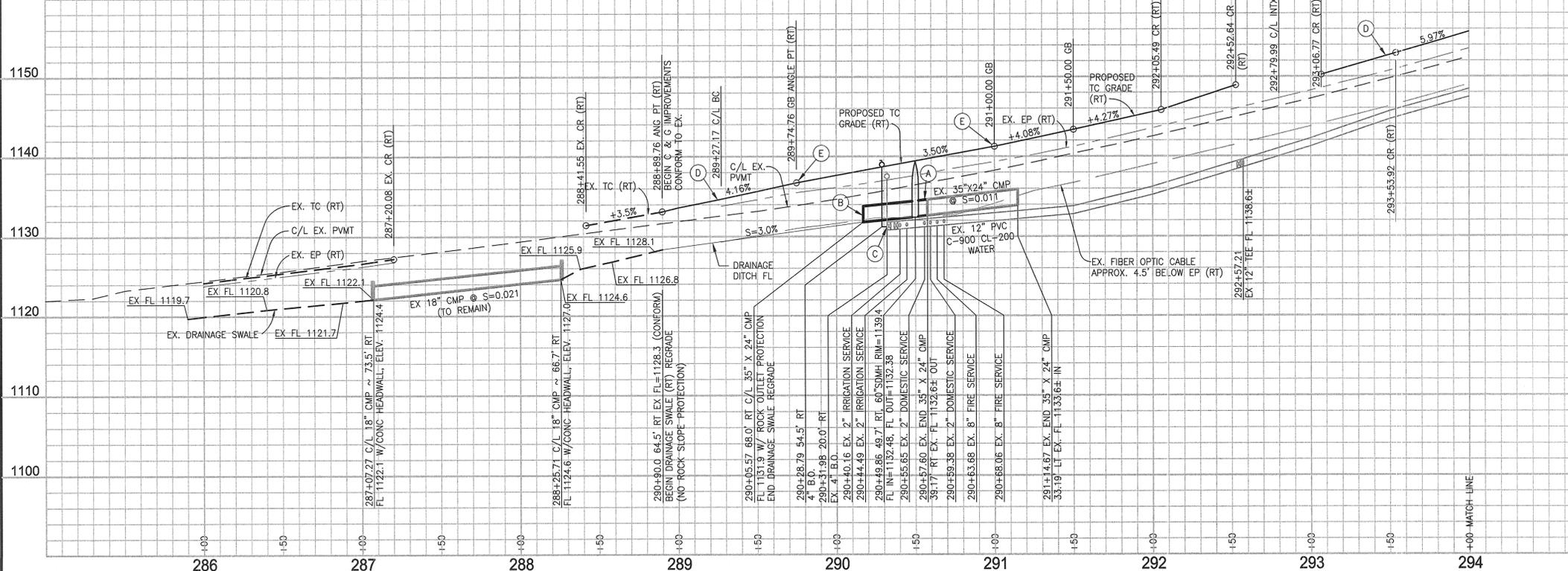
Δ	LENGTH	RADIUS	1/4 POINT	1/2 POINT	3/4 POINT
①	08°15'44"	237.45'	1646.67'	NA	NA
②	87°14'03"	76.13'	50.00'	1146.86	1147.73
③	87°10'14"	76.07'	50.00'	1150.36	1151.81



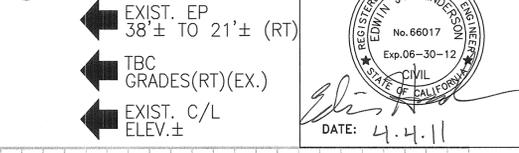
NOTE: CONTRACTOR TO CUT AND CAP EXISTING IRRIGATION LINES AT THE OUTSIDE EDGE OF PROPOSED ROADWAY CUT/FILL LIMITS, STA. 288+90 TO STA. 290+75. CONTRACTOR TO MAINTAIN IRRIGATION OF EXISTING TURF UNTIL SUCH TIME AS THE COUNTY ACCEPTS THE PROJECT OR THE SCHOOL DISTRICT REPLACES THE IRRIGATION LINES. CONTRACTOR TO COORDINATE WITH SCHOOL PRIOR TO BEGINNING WORK.

GREEN VALLEY ROAD

EXIST. EP 38± TO 21± (RT)	1124.4 (1124.2) 1123.8	1125.6 (1125.4) 1125.0	1126.9 (1126.6) 1126.2	1128.1	1129.4	1130.6	1131.4	1133.1	1133.59	1134.57 1133.8	1133.2 1133.64 1134.6	1136.70 1135.5	1134.6 1137.61 1136.1	1138.51 1136.8	1136.4 1139.41 1137.6	1140.31 1138.5	1138.2 1141.21 1139.3	1142.26 1140.2	1140.3 1143.31 1141.2	1144.4 1142.4	1142.5 1145.51 1143.5	1145.76 1143.7	1144.6	1146.9	1147.2 1150.19 1148.2	1149.4	1149.7 1152.92 1150.7	1154.15 1152.0	1152.4 1155.63 1153.5
TBC GRADES(RT)(EX.)																													
EXIST. C/L ELEV.±																													



- CONSTRUCTION NOTES:
- EXISTING 3' X 5' ELECTRICAL VAULT 291+39.04 RT.
 - RELOCATE EXISTING 2" PVC RISER AT LEAST 2' AWAY FROM PROPOSED RETAINING WALL AND ADJUST TO GRADE
 - CONSTRUCT 170 SF OF 5" HIGH MAX. RETAINING WALL WITH 42" STEEL TUBE RAILING. SEE RETAINING WALL #3 DETAIL THIS SHEET FOR STA. AND OFFSET FOR FACE OF WALL, AND DETAILS SHEET 3.
 - SAWCUT AND REMOVE EXISTING AC.
 - PLACE F.E.S. ROCK OUTLET PROTECTION PER EL DORADO COUNTY STANDARD DETAILS T-504.
 - EXISTING CONCRETE DRAINAGE STRUCTURE TO REMAIN.
 - EXISTING PG&E UTILITY POLE & GUY WIRE. CONTRACTOR SHALL GRADE AND COMPACT AROUND THE EXISTING POLE & GUY WIRE.
 - REMOVE AND RELOCATE EXISTING 4" B.O. AND VALVE BOX TO BACK OF WALK AT STA 290+28.79 54.5' RT
 - CONSTRUCT 97 LF OF ROCK LINED DITCH (SEE DETAIL B ON SHEET 4)
 - CONSTRUCT 20-FOOT WIDE DRIVEWAY PER DETAIL D & E ON SHEET 4.
 - PLACE OVERSIDE DRAIN PER CAL TRANS STD. PLAN D87D. OUTFALL INTO EXISTING CONCRETE DRAINAGE STRUCTURE.
 - RELOCATE EXISTING MAIL BOXES AND POST PER NOTE 18.
 - PLACE 60" STORM DRAIN MANHOLE WITH FRAME AND COVER PER DETAIL C ON SHEET 4.
 - CONSTRUCT 125 SF OF 5' HIGH MAX. RETAINING WALL WITH 42" STEEL TUBE RAILING. SEE RETAINING WALL #14 DETAIL THIS SHEET FOR STA. AND OFFSET FOR FACE OF WALL, AND DETAILS SHEET 3.
 - INTENTIONALLY BLANK
 - CONSTRUCT CONCRETE CURB RAMP PER CALTRANS STD. PLAN AB8A, CASE "C".
 - SAWCUT AND REMOVE EXISTING ACCESS ROAD AND REPLACE IN KIND AFTER GRADING OF NEW DRIVEWAY.
 - REINSTALL MAIL BOXES AND POST AT STA 287+15 RIGHT, ALIGN WITH BACK OF EXISTING CURB.
 - ACCESS MUST BE PROVIDED BY THE CONTRACTOR TO APN 102-030-010, NORTH OF GREEN VALLEY ROAD, AT ALL TIMES DURING CONSTRUCTION UNLESS OTHER ARRANGEMENTS ARE MADE WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.
 - REMOVE EXISTING BARBED WIRE FENCE.
 - ADJUST VALVE TO GRADE.
 - REGRADED SWALE SHALL BE MOW-ABLE. INSTALL GRASS SOD IN DISTURBED AREAS (4,000 SF).
 - 2" OVERLAY



- PLACE 12 LF 35"X24" CMP SD @ S=0.010 CONNECT TO EXIST. CMP W/ CONCRETE COLLAR
- PLACE 48 LF 35"X24" CMP SD @ S=0.010 WITH METAL FLARED END SECTION PER MANUFACTURER'S (CONTECH OR EQUIVALENT) SPECIFICATIONS, AND ROCK-OUTLET PROTECTION (PER EDC STD. DTL. T504).
- RELOCATE EXISTING 4" BLOW-OFF TO BEHIND BACK OF SIDEWALK. KEEP EXISTING 4" GATE VALVE IN PLACE. SEE EL DORADO IRRIGATION DISTRICT DETAIL W15C.
- PROPOSED TOP OF CURB PROFILE SLOPE CALCULATED USING CURB LENGTH, NOT "G" LINE LENGTH.
- FORM SMOOTH TRANSITIONS WITHOUT GRADE BREAKS THROUGH TOP OF CURB GRADES SHOWN.

NOTE: CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE, SEWER, OR WATER SYSTEM IN ORDER TO VERIFY CONSTRUCTABILITY OF THESE SYSTEMS.

WARNING: THE LOCATIONS AND/OR ELEVATIONS OF EXISTING UNDERGROUND UTILITIES ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UNDERGROUND UTILITIES.

TLA ENGINEERING & PLANNING
 REGISTERED PROFESSIONAL ENGINEER
 J. HENDERSON
 No. 66017
 Exp. 06-30-12
 CIVIL
 STATE OF CALIFORNIA
 DATE: 4.4.11

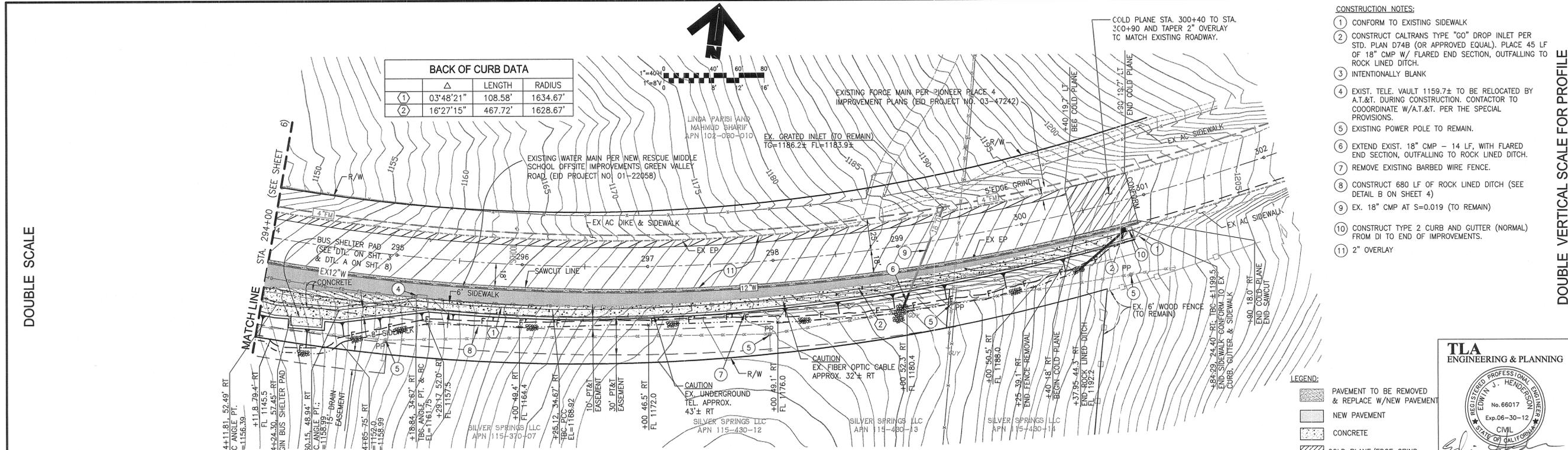
OWNER INFORMATION
 SILVER SPRINGS LLC
 2999 OAK ROAD, SUITE 400
 WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
 TLA ENGINEERING & PLANNING
 1000 RIVERVIEW DRIVE, SUITE 100
 ROBERTVILLE, CA 95968

PROJECT #66106
 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
 GREEN VALLEY ROAD STA. 285+00 TO STA. 294+00

EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

SHEET 6 OF 18



- CONSTRUCTION NOTES:**
- CONFORM TO EXISTING SIDEWALK
 - CONSTRUCT CALTRANS TYPE "GO" DROP INLET PER STD. PLAN D748 (OR APPROVED EQUAL). PLACE 45 LF OF 18" CMP W/ FLARED END SECTION, OUTFALLING TO ROCK LINED DITCH.
 - INTENTIONALLY BLANK
 - EXIST. TELE. VAULT 1159.7± TO BE RELOCATED BY A.T.&T. DURING CONSTRUCTION. CONTACTOR TO COORDINATE W/A.T.&T. PER THE SPECIAL PROVISIONS.
 - EXISTING POWER POLE TO REMAIN.
 - EXTEND EXIST. 18" CMP - 14 LF, WITH FLARED END SECTION, OUTFALLING TO ROCK LINED DITCH.
 - REMOVE EXISTING BARBED WIRE FENCE.
 - CONSTRUCT 680 LF OF ROCK LINED DITCH (SEE DETAIL B ON SHEET 4)
 - EX. 18" CMP AT S=0.019 (TO REMAIN)
 - CONSTRUCT TYPE 2 CURB AND GUTTER (NORMAL) FROM DI TO END OF IMPROVEMENTS.
 - 2" OVERLAY

LEGEND:

- PAVEMENT TO BE REMOVED & REPLACE W/NEW PAVEMENT
- NEW PAVEMENT
- CONCRETE
- COLD PLANE/EDGE GRIND

TLA ENGINEERING & PLANNING
 REGISTERED PROFESSIONAL ENGINEER
 EDWIN J. HENDERSON
 No. 66017
 Exp. 06-30-12
 CIVIL
 STATE OF CALIFORNIA
 DATE: 4.4.11

EXIST. EP
38± TO 21± (RT) →

TBC
GRADES(RT)(EX.) →

EXIST. C/L
ELEV.± →

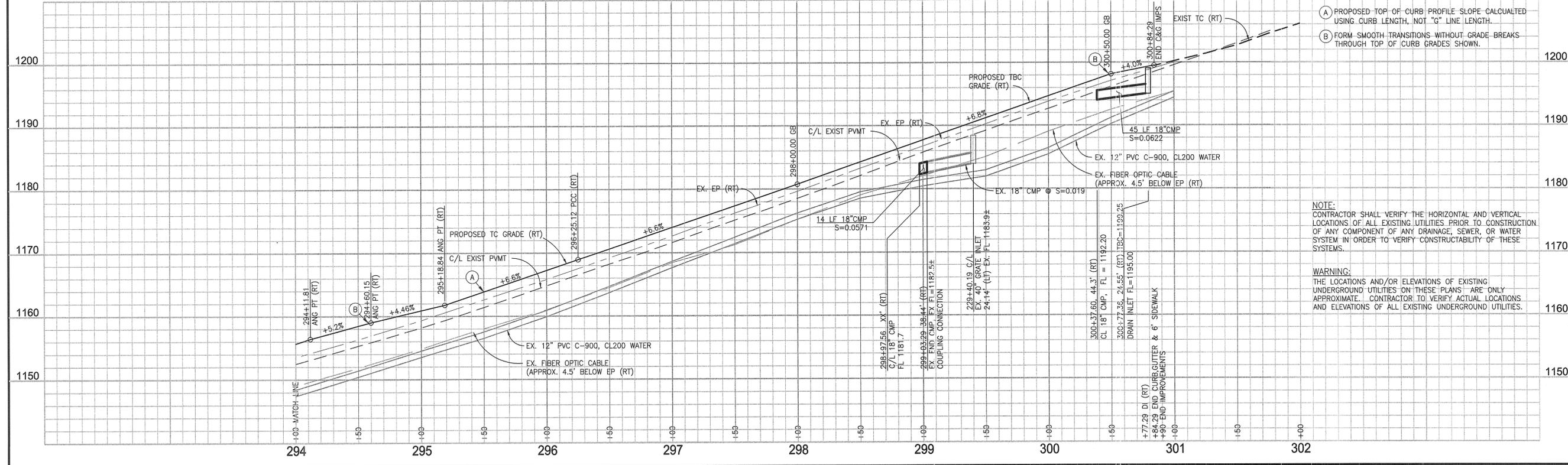
← EXIST. EP
38± TO 21± (RT)

← TBC
GRADES(RT)(EX.)

← EXIST. C/L
ELEV.±

GREEN VALLEY ROAD

1152.4	1155.63	1153.5	1156.39	1154.1	1157.10	1154.9	1155.3	1158.46	1156.3	1158.99	1156.9	1160.87	1157.8	1158.2	1158.99	1159.3	1161.75	1160.0	1161.4	1163.85	1162.6	1165.54	1164.2	1164.8	1167.22	1165.8	1168.92	1167.5	1168.2	1170.59	1169.2	1172.28	1171.0	1171.6	1173.97	1172.6	1175.65	1174.3	1175.1	1177.34	1176.2	1179.02	1177.9	1178.5	1180.72	1179.6	1182.46	1181.4	1182.0	1184.20	1183.2	1185.95	1184.9	1185.7	1187.69	1186.7	1188.43	1188.5	1189.2	1191.17	1190.2	1192.94	1192.0	1192.7	1194.66	1193.8	1196.40	1195.5	1196.2	1198.14	1197.1	1198.5	1198.5	1199.5	1199.5	1199.6	1200.4	1200.0	1202.2	1201.9	1203.0	1203.8	1203.4	1204.9
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DOUBLE VERTICAL SCALE FOR PROFILE

OWNER INFORMATION
 SILVER SPRINGS LLC
 2999 OAK ROAD, SUITE 400
 WALNUT CREEK, CA 94587

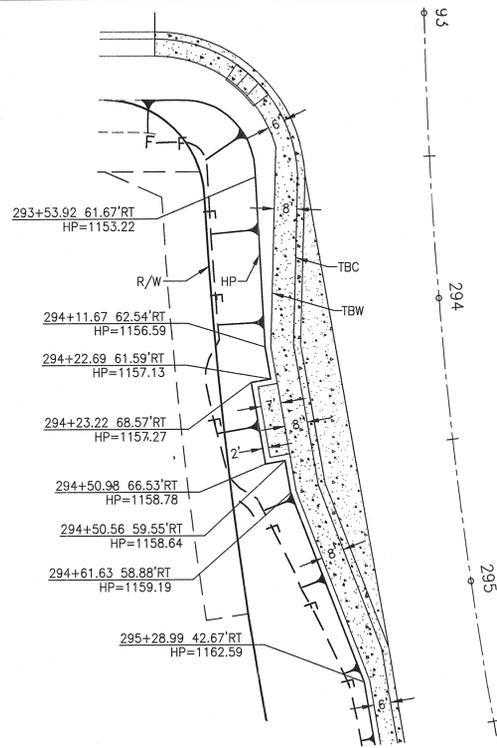
ENGINEERING & PLANNING
 ROBINVILLE, CA 95661

PROJECT #66106
 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
 GREEN VALLEY ROAD STA. 294+00 TO STA. 301+00
 COUNTY CONTRACT NO. PW 09-30470

EL DORADO COUNTY TM 97-1330, CALIFORNIA

7 OF 18

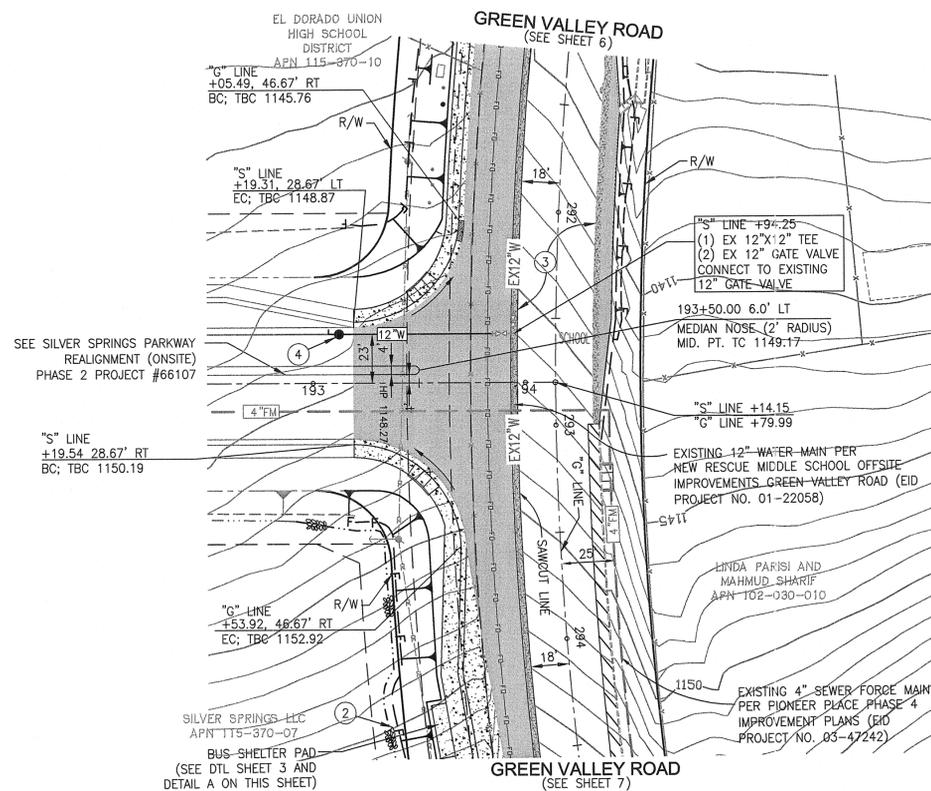
DOUBLE VERTICAL SCALE FOR PROFILE



BUS BAY & SHELTER GRADING LAYOUT DETAIL

SCALE: 1" = 30'

C/L ELEV. →
EXIST. C/L ELEV. ± →



SILVER SPRINGS PARKWAY

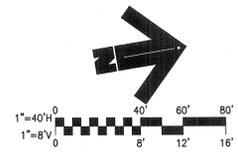
1148.16	1148.73	1149.01	1149.00	1148.71	1148.14	1147.08
1138.4	1139.5	1140.7	1140.7	1146.7	1142.0	1141.9

LEGEND:

- PAVEMENT TO BE REMOVED & REPLACED W/NEW PAVEMENT
- NEW PAVEMENT
- CONCRETE
- COLD PLANE/EDGE GRIND

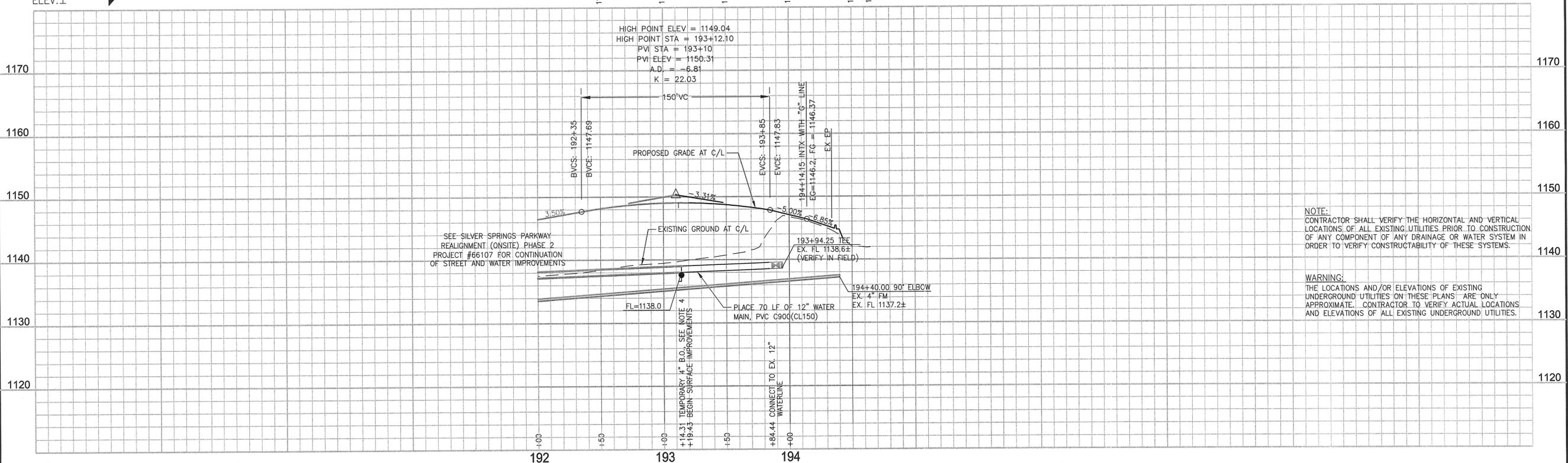
CONSTRUCTION NOTES:

- 1 CONSTRUCT MEDIAN PER DETAILS ON SHEET 6.
- 2 CONSTRUCT PERMANENT ROCK LINED DITCH PER DETAIL B ON SHEET 4.
- 3 2" OVERLAY
- 4 INSTALL TEMPORARY 4" B.O. AND VALVE BOX ONLY IF WATER MAIN IS NOT CONSTRUCTED CONCURRENTLY WITH THE SILVER SPRINGS PARKWAY REALIGNMENT (ONSITE) PHASE 2 PROJECT #66107.



TLA ENGINEERING & PLANNING
REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
No. 66017
Exp. 06-30-12
CIVIL
STATE OF CALIFORNIA
DATE: 4.4.11

← C/L ELEV.
← EXIST. C/L ELEV. ±



NOTE:
CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE OR WATER SYSTEM IN ORDER TO VERIFY CONSTRUCTABILITY OF THESE SYSTEMS.

WARNING:
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OWNER INFORMATION
SILVER SPRINGS LLC
2989 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
NO. 66017
CIVIL
STATE OF CALIFORNIA

PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
SILVER SPRINGS PARKWAY

EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470 CALIFORNIA

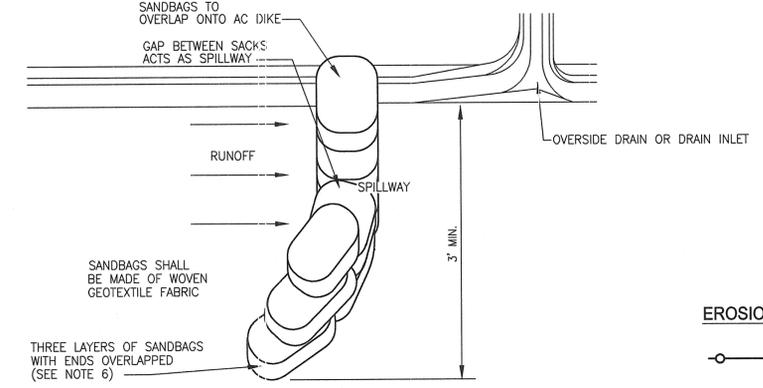
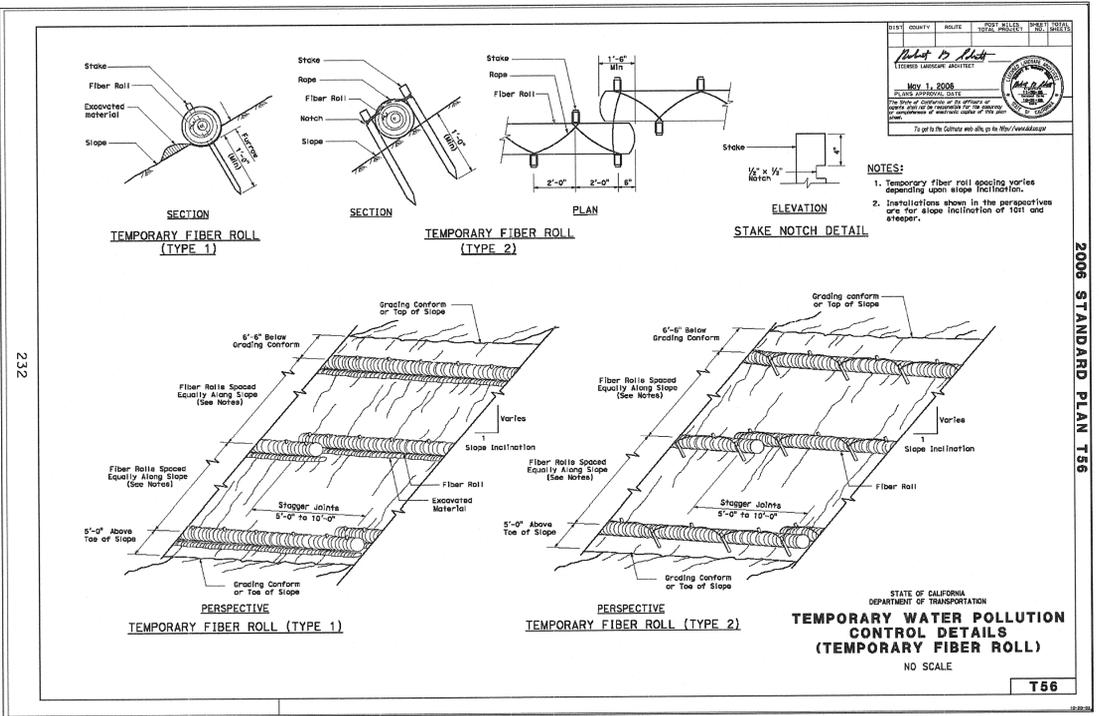
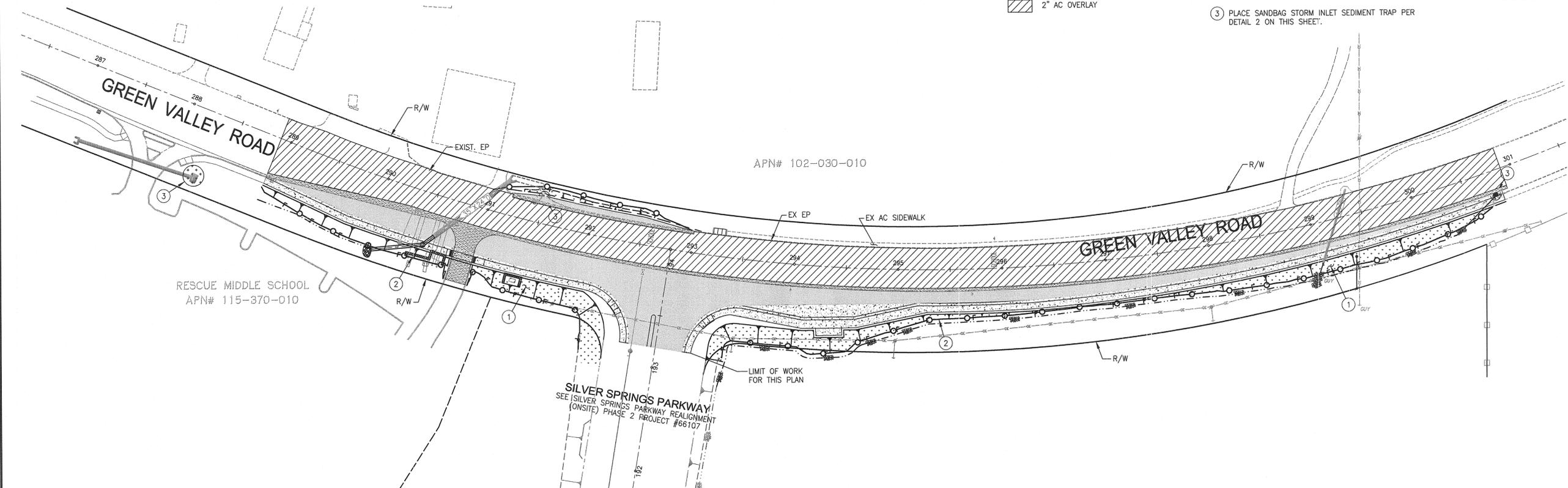
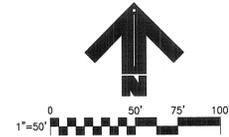
SHEET 8 OF 18
APPROVED BY DATE

PAVEMENT LEGEND:

- PAVEMENT TO BE REMOVED
- NEW PAVEMENT
- CONCRETE
- 2" AC OVERLAY

CONSTRUCTION NOTES:

- 1 HYDROSEED SLOPE BANKS WITH SEED MIX DESCRIBED IN SPECIFICATIONS.
- 2 PLACE FIBER ROLLS PER CALTRANS STD PLAN T56
- 3 PLACE SANDBAG STORM INLET SEDIMENT TRAP PER DETAIL 2 ON THIS SHEET.



EROSION CONTROL LEGEND:

- STRAW WATTLE
- FILTER BAG
- EROSION CONTROL (TYPE D)
- INLET SEDIMENT BARRIER (SANDBAG TYPE)

NOTES:

1. CONSTRUCT ON GENTLY SLOPING STREETS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE OUT OF SUSPENSION.
2. PLACE SEVERAL LAYERS OF SANDBAGS OVER THE FIRST, OVERLAPPING BAGS AND PACK THEM TIGHTLY TOGETHER TO MINIMIZE THE SPACE BETWEEN BAGS.
3. LEAVE A GAP OF ONE SACK IN THE MIDDLE OF THE TOP ROW OF SACKS TO SERVE AS THE SPILLWAY. SPILLWAY HEIGHT SHALL BE LOWER THAN CURB HEIGHT AND SUFFICIENT SIZE TO PASS FLOWS FROM SEVERE STORM EVENT.
4. INSPECT AND REPAIR BARRIER AFTER EACH STORM EVENT. REMOVE SEDIMENT WHEN IT REACHES TOP OF SPILLWAY (CURB HEIGHT).
5. SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER PROTECTIVE MEASURE AND WILL NOT ENTER STORM DRAIN.
6. SEDIMENT AND GRAVEL SHALL BE IMMEDIATELY REMOVED FROM TRAVELED WAY OF ROAD.
7. SANDBAGS SACKS TO BE FILLED WITH 3/4" DRAIN ROCK OR 1/4" PEA GRAVEL.
8. SEE SPECIAL PROVISIONS FOR SWPPP REQUIREMENTS.

INLET SEDIMENT BARRIER (SANDBAG TYPE)

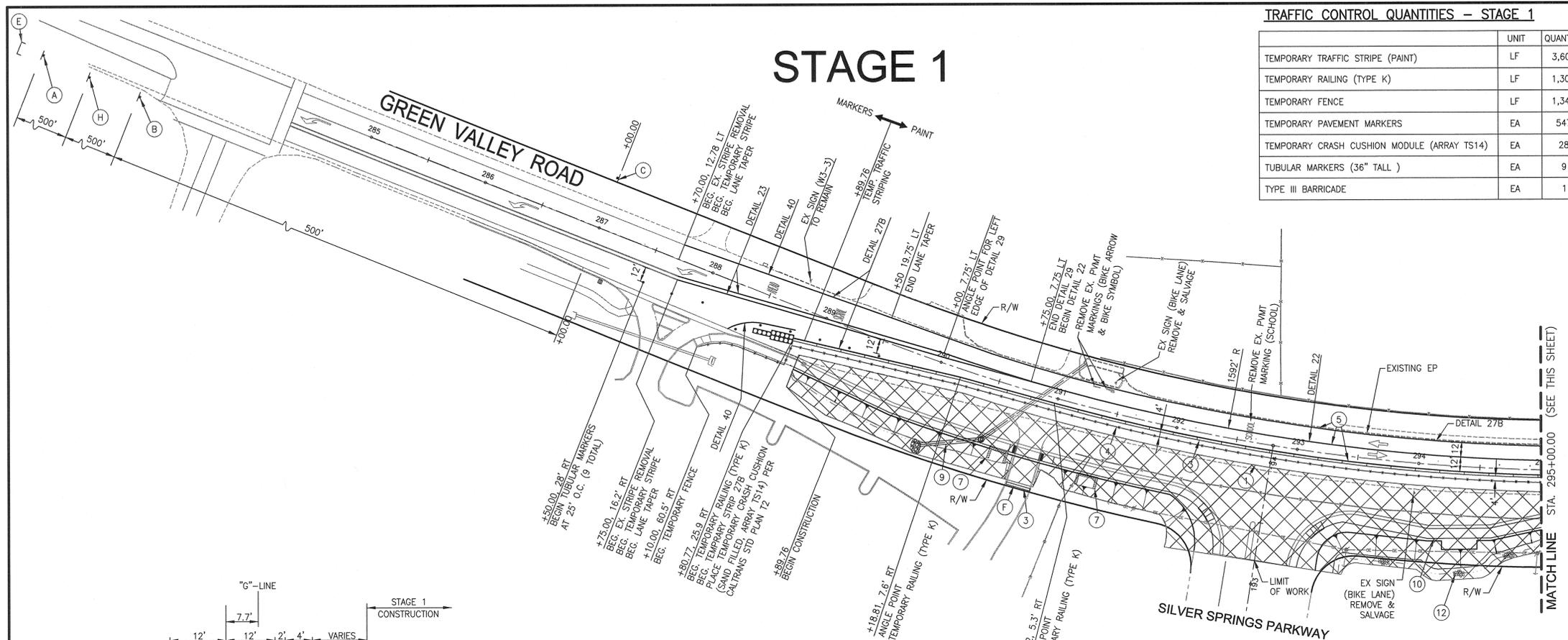
SCALE: N.T.S.

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
No. 66017
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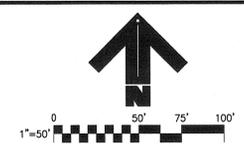
DATE: 4.4.11

OWNER INFORMATION	SILVER SPRINGS LLC 2999 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597
ENGINEERING & PLANNING	TLA ENGINEERING & PLANNING 1000 WILSON AVENUE, SUITE 100 ROSEVILLE, CA 95661
PROJECT #	66106
PROJECT NAME	GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
EROSION CONTROL PLAN	
COUNTY CONTRACT NO.	PW 09-30470
DATE	4.4.11
SHEET	9
TOTAL SHEETS	9 OF 18
APPROVED BY	
DATE	



TRAFFIC CONTROL QUANTITIES - STAGE 1

	UNIT	QUANTITY
TEMPORARY TRAFFIC STRIPE (PAINT)	LF	3,600
TEMPORARY RAILING (TYPE K)	LF	1,300
TEMPORARY FENCE	LF	1,340
TEMPORARY PAVEMENT MARKERS	EA	547
TEMPORARY CRASH CUSHION MODULE (ARRAY TS14)	EA	28
TUBULAR MARKERS (36" TALL)	EA	9
TYPE III BARRICADE	EA	1



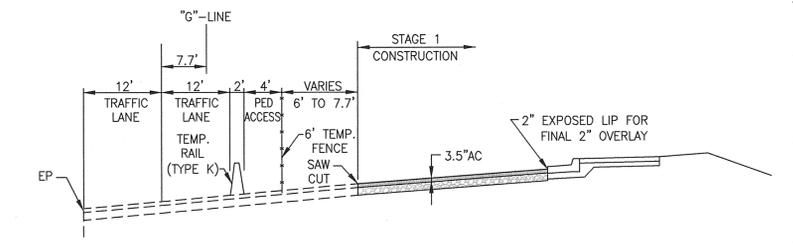
- LEGEND STAGE 1:**
- TUBULAR MARKERS PER MUTCD FIGURE 6F-7 ON 6F-53 (36" TALL)
 - CONSTRUCTION AREA SIGN
 - ⇄ DIRECTION OF TRAFFIC
 - ▨ CONSTRUCT THIS STAGE
 - TEMPORARY RAILING (TYPE K)
 - [] PORTABLE CHANGEABLE MESSAGE SIGN

- STAGE 1 CONSTRUCTION:**
- 1 SAWCUT EXISTING PAVEMENT.
 - 2 GRIND EXISTING STRIPING.
 - 3 PLACE TEMPORARY RAILING (TYPE K).
 - 4 PLACE TEMPORARY FENCE.
 - 5 PLACE TEMPORARY STRIPING AND PAVEMENT MARKERS.
 - 6 REMOVE BASE AND SURFACING ALONG SOUTH SIDE OF GREEN VALLEY ROAD AND ACCESS ROAD TO MIDDLE SCHOOL.
 - 7 CONSTRUCT RETAINING WALL.
 - 8 COMPLETE EARTHWORK ON SOUTH SIDE OF GREEN VALLEY ROAD.
 - 9 CONSTRUCT DRAINAGE IMPROVEMENTS.
 - 10 CONSTRUCT CURB, GUTTER, SIDEWALK, AND BUS BAY.
 - 11 COMPLETE STRUCTURAL SECTION (EXCEPT FOR THE FINAL 2") ON SOUTH SIDE OF GREEN VALLEY ROAD.
 - 12 CONSTRUCT ROCK LINED DITCH.

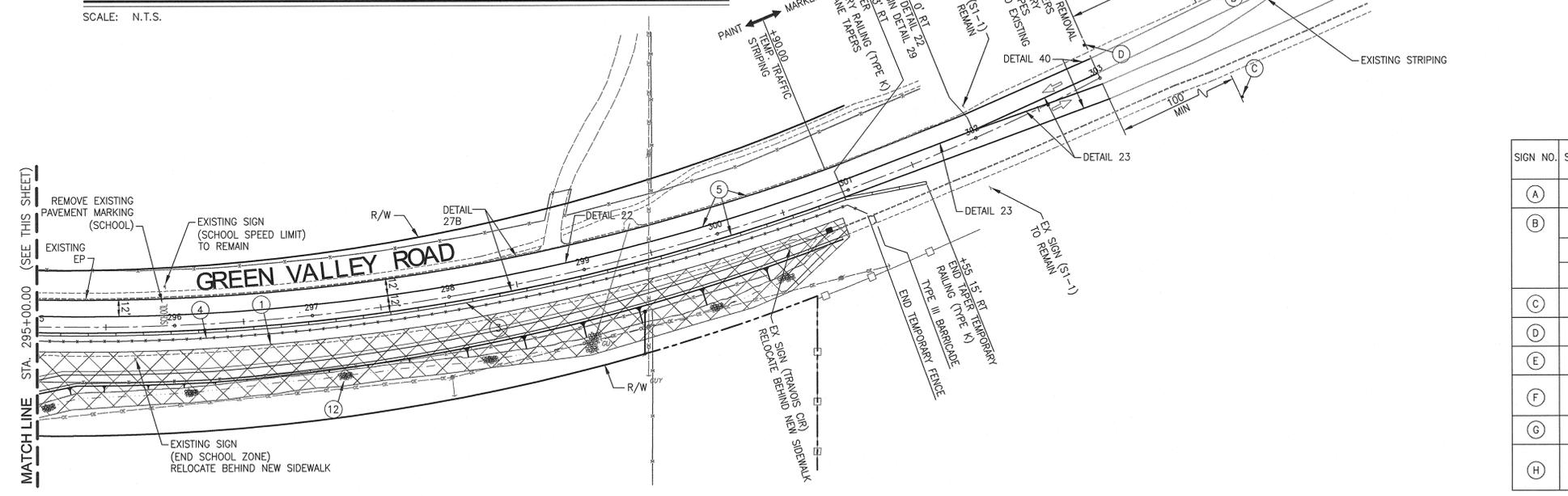
- TRAFFIC:**
SHIFT TRAFFIC TO NORTH SIDE OF GREEN VALLEY ROAD.
- NOTES:**
1. LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.
 2. FLAGGING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 3. FLAGGING AND ONE LANE TRAFFIC CONTROL WILL BE REQUIRED FOR PLACING AC OVERLAY ON EXISTING PAVEMENT.

CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE	PANEL SIZE (INCHES)	SIGN MESSAGE	NO. AND SIZE OF POST	NO. OF SIGNS
(A)	W20-1	48" X 48"	"ROAD WORK AHEAD"	2-4X4	2
(B)	C12	48" X 48"	"NARROW LANE"	2-4X4	2
	C17(CA)	18" X 18"	"35 MPH"	2-4X4	2
	W11-1	24" X 24"	"BICYCLE TRAFFIC"	1-4X4	2
(C)	W16-1	18" X 24"	"SHARE THE ROAD"	2-4X4	2
	C30A	48" X 48"	"SHOULDER CLOSED"	2-4X4	2
(D)	G20-2	36" X 18"	"END ROAD WORK"	2-4X4	2
(E)		48" X 60"	"CONSTRUCTION PROJECT INFORMATION SIGN"	2-4X6	1
(F)			PORTABLE CHANGEABLE MESSAGE SIGN		2
(G)	R11-2	36" X 21"	"ROAD CLOSED"	MOUNTED ON K-RAIL	1
	R11-2	36" X 21"	"SIDEWALK CLOSED"	1-4X4	1
(H)	W3-5a	48" X 48"	"35 MPH SPEED ZONE AHEAD"	2-4X4	2
	C17(CA)	18" X 18"	"45 MPH"	2-4X4	2



GREEN VALLEY ROAD STAGE 1 TYPICAL SECTION
SCALE: N.T.S.



THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
 No. 66017
 Exp. 06-30-12
 CIVIL
 STATE OF CALIFORNIA

DATE: 11/11/11

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 SILVER SPRINGS LLC
 2989 OAK ROAD, SUITE 400
 WALNUT CREEK, CA 94597

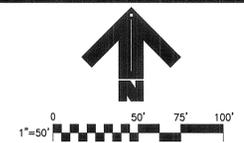
ENGINEERING & PLANNING
 1100 WILSON AVENUE
 BERKELEY, CA 94704

PROJECT #66106
 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
 TRAFFIC CONTROL PLAN - STAGE 1

TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

SHEET 10 OF 18

APPROVED BY: DATE: _____
 REVISION: _____



STAGE 2

- LEGEND STAGE 2:**
- CONSTRUCTION AREA SIGN
 - DIRECTION OF TRAFFIC
 - CONSTRUCT THIS STAGE
 - TEMPORARY RAILING (TYPE K)
 - PORTABLE CHANGEABLE MESSAGE SIGN

- STAGE 2 CONSTRUCTION:**
- 1 SAWCUT EXISTING PAVEMENT.
 - 2 REMOVE EXISTING STRIPING FROM STAGE 1.
 - 3 RESET TEMPORARY RAILING (TYPE K).
 - 4 PLACE TEMPORARY STRIPING. ALL STAGE 2 STRIPING IS TEMPORARY. FINAL STRIPING PER SHEET 13.
 - 5 COMPLETE STRUCTURAL SECTION (EXCEPT FOR THE FINAL 2") ON NORTH AND SOUTH SIDES OF GREEN VALLEY ROAD.
 - 6 PLACE 2" OVERLAY FOR THE FULL STREET WIDTH
 - 7 PLACE FINAL SIGNING & STRIPING
 - 8 TEMPORARY RAILING (TYPE K) FROM STAGE 1 TO REMAIN.

TRAFFIC:
SHIFT TRAFFIC TO SOUTH SIDE OF GREEN VALLEY ROAD.

- NOTES:**
1. ACCESS MUST BE PROVIDED BY THE CONTRACTOR TO APN 102-030-010, NORTH OF GREEN VALLEY ROAD, AT ALL TIMES DURING CONSTRUCTION UNLESS OTHER ARRANGEMENTS ARE MADE WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.
 2. FLAGGING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 3. CONSTRUCTION AREA SIGNS (A) THRU (H) FROM STAGE 1 TO REMAIN, SEE SHEET 10.
 4. FLAGGING AND ONE LANE TRAFFIC CONTROL PER CALTRANS STD PLAN T13 WILL BE REQUIRED FOR PLACING AC OVERLAY ON EXISTING AND NEW PAVEMENT.
 5. THE CONTRACTOR AND THE ENGINEER SHALL REFER TO THE CONTRACT SPECIAL PROVISIONS AND MAINTAINING TRAFFIC SECTION OF THE CONTRACT DOCUMENTS FOR ALLOWABLE LANE CLOSURE HOURS.

TRAFFIC CONTROL QUANTITIES - STAGE 2

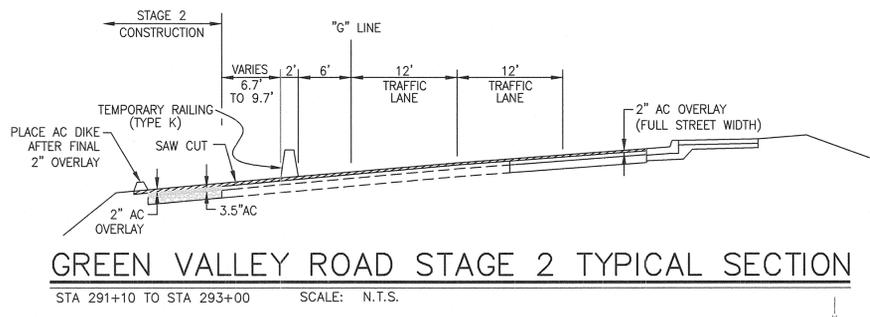
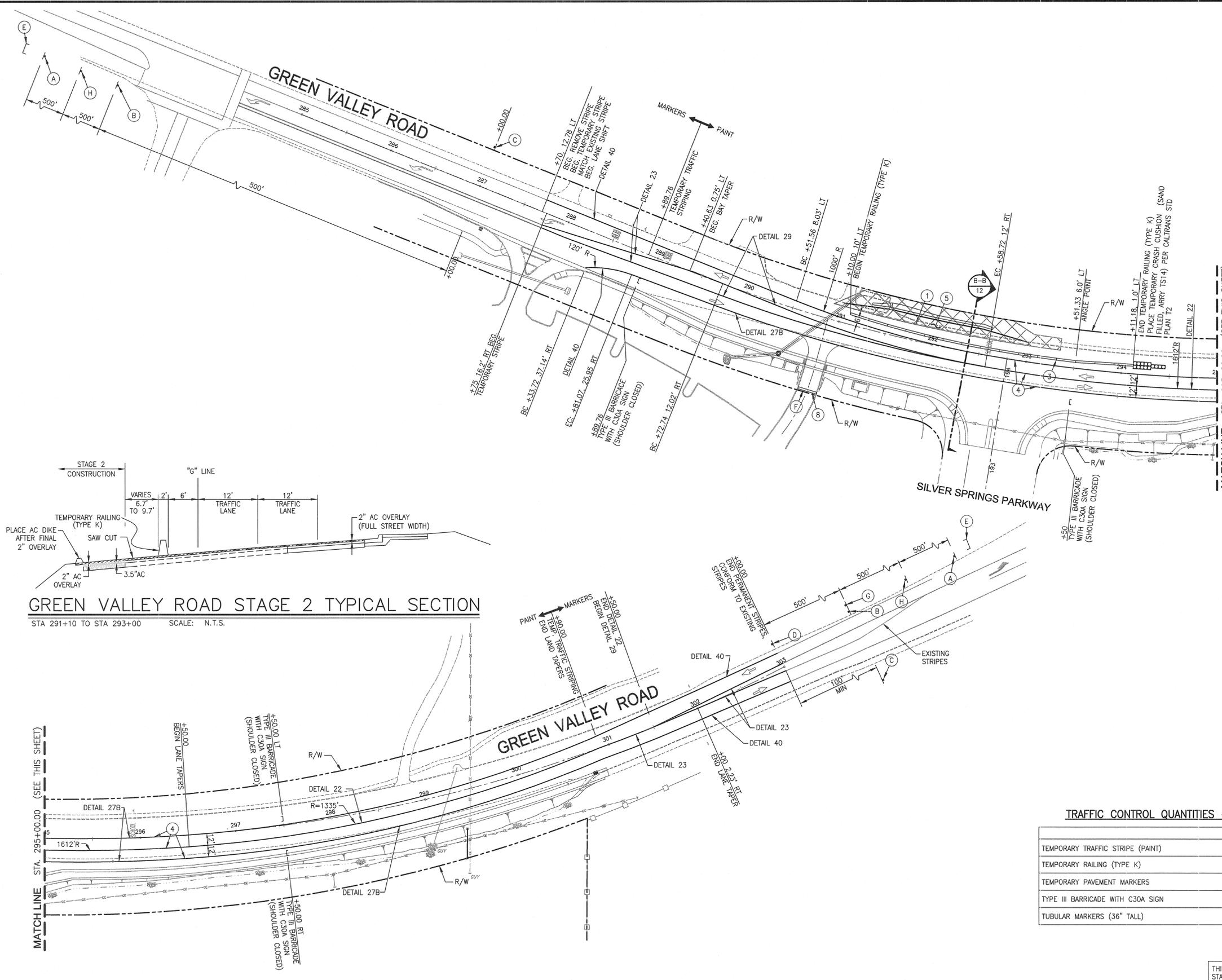
	UNIT	QUANTITY
TEMPORARY TRAFFIC STRIPE (PAINT)	LF	4,740
TEMPORARY RAILING (TYPE K)	LF	300
TEMPORARY PAVEMENT MARKERS	EA	577
TYPE III BARRICADE WITH C30A SIGN	EA	4
TUBULAR MARKERS (36" TALL)	EA	3

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
EDWIN J. HENDERSON
No. 66017
Exp. 06-30-12
CIVIL
STATE OF CALIFORNIA

DATE: 4.4.11

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION WORK ONLY



OWNER INFORMATION
SILVER SPRINGS LLC
2999 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597

ENGINEERING & PLANNING
KROSVILLE, CA 95642

PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
TRAFFIC CONTROL PLAN - STAGE 2

TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

EL DORADO COUNTY

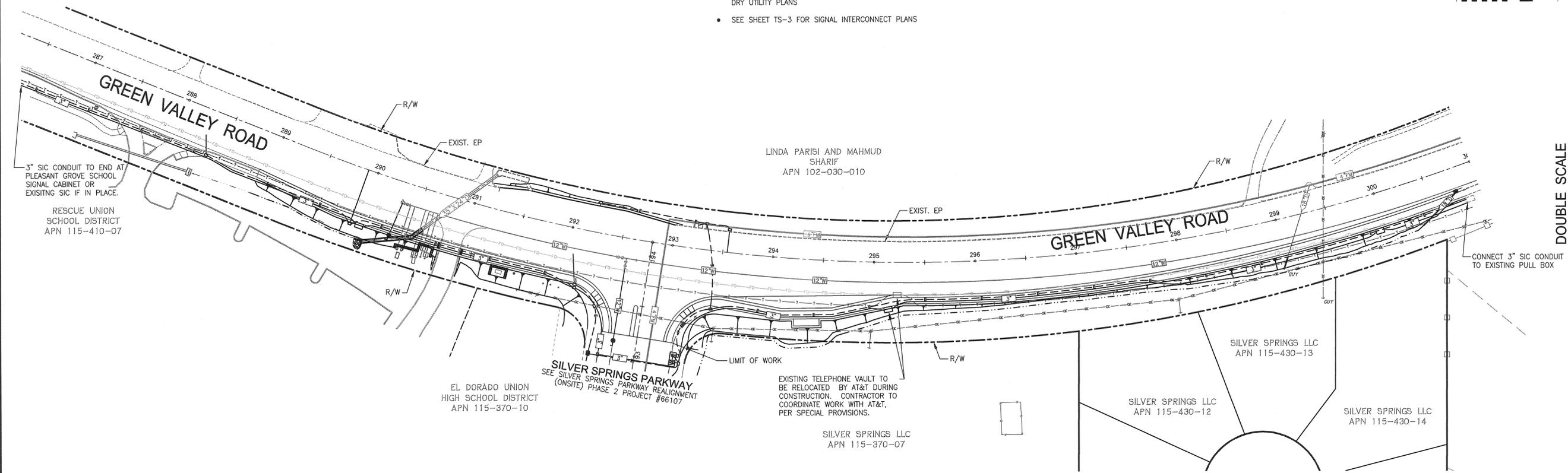
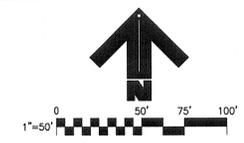
SHEET 11 OF 18

APPROVED BY: [Signature]

DATE: 4.4.11

THIS SHEET ACCURATE FOR UTILITY WORK ONLY

- SEE "JOINT TRENCH COMPOSIT DRAWING FOR SILVER SPRINGS UNIT #1" FOR DRY UTILITY PLANS
- SEE SHEET TS-3 FOR SIGNAL INTERCONNECT PLANS



3" SIC CONDUIT TO END AT PLEASANT GROVE SCHOOL SIGNAL CABINET OR EXISTING SIC IF IN PLACE.
RESCUE UNION SCHOOL DISTRICT
APN 115-410-07

EL DORADO UNION HIGH SCHOOL DISTRICT
APN 115-370-10

SILVER SPRINGS PARKWAY
SEE SILVER SPRINGS PARKWAY REALIGNMENT (ONSITE) PHASE 2 PROJECT #66107

EXISTING TELEPHONE VAULT TO BE RELOCATED BY AT&T DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WORK WITH AT&T, PER SPECIAL PROVISIONS.

SILVER SPRINGS LLC
APN 115-370-07

SILVER SPRINGS LLC
APN 115-430-12

SILVER SPRINGS LLC
APN 115-430-13

SILVER SPRINGS LLC
APN 115-430-14

CONNECT 3" SIC CONDUIT TO EXISTING PULL BOX

GENERAL NOTES:

SEE SPECIFICATIONS SECTION:

- A. 3 SIGNAL INTERCONNECT CONDUIT (FUTURE TRAFFIC SIGNAL)
- B. NO. 6 PULL BOX (FUTURE TRAFFIC SIGNAL)

LEGEND

EXISTING SEWER FORCE MAIN PIPE	---	4" FM
EXISTING WATER PIPE	---	8" W
EXISTING UNDERGROUND TELEPHONE	---	T
EXISTING UNDERGROUND FIBER OPTICS	---	FO
EXISTING OVERHEAD ELECTRICAL	---	OE
EXISTING DRAINAGE CULVERT	---	< 36" X 24" D
EXISTING DRAINAGE PIPE	---	18" D
EXISTING UTILITY POLE	---	U
PROPOSED JOINT TRENCH	---	JT
PROPOSED UNDERGROUND ELECTRICAL	---	E
R/W	---	
3" SIC CONDUIT	---	3"
NO. 6 PULL BOX	---	
TOP OF SLOPE	---	
TOE OF SLOPE	---	
PROPOSED DRAIN PIPE	---	18" D
PROPOSED WATER PIPE	---	12" W
PROPOSED DRAINAGE CULVERT	---	

TLA ENGINEERING & PLANNING

DATE: 11/11/11

DOUBLE SCALE

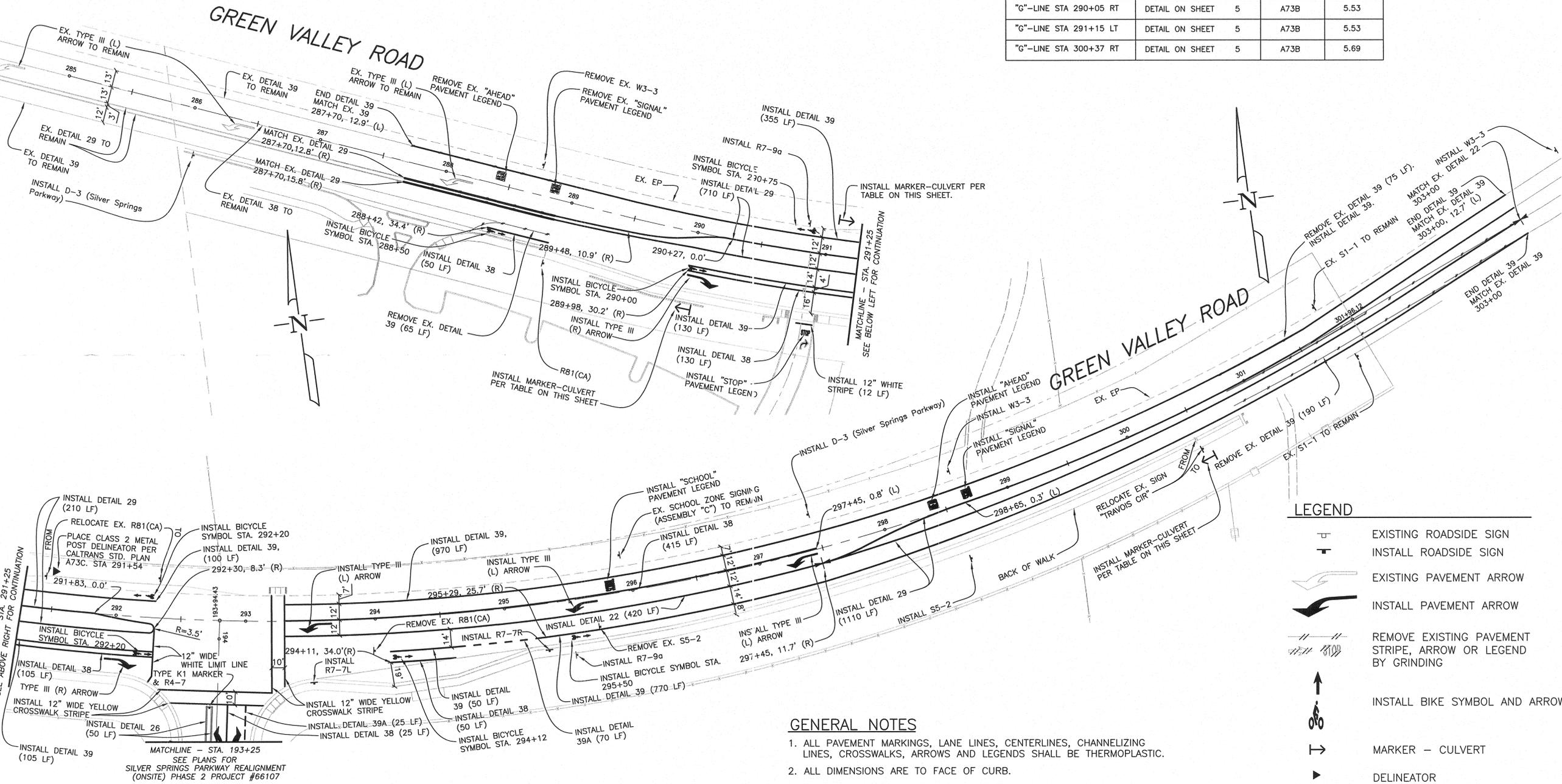
GRADING AND IMPROVEMENT PLANS FOR
PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
UTILITY PLAN

OWNER INFORMATION
SILVER SPRINGS LLC
2899 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597

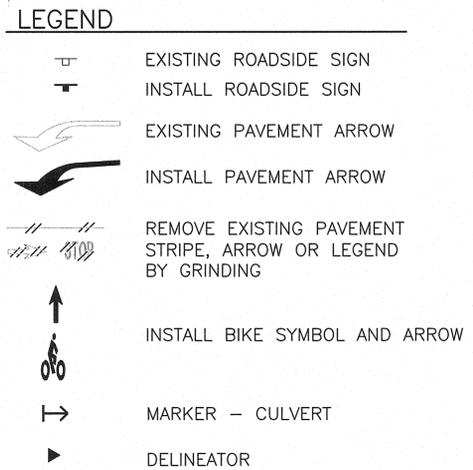
EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

SHEET 12 OF 18

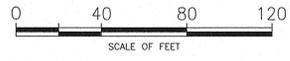
APPROVED BY DATE



MARKER - CULVERT				
LOCATION	DETAIL	STD. PLAN	MILE POST	
"G"-LINE STA 290+05 RT	DETAIL ON SHEET 5	A73B	5.53	
"G"-LINE STA 291+15 LT	DETAIL ON SHEET 5	A73B	5.53	
"G"-LINE STA 300+37 RT	DETAIL ON SHEET 5	A73B	5.69	



- GENERAL NOTES**
1. ALL PAVEMENT MARKINGS, LANE LINES, CENTERLINES, CHANNELIZING LINES, CROSSWALKS, ARROWS AND LEGENDS SHALL BE THERMOPLASTIC.
 2. ALL DIMENSIONS ARE TO FACE OF CURB.
 3. CONTRACTOR TO VERIFY ALL STRIPING CONFORM POINTS.
 4. ALL PAVEMENT MARKERS ARE PER CALTRANS STANDARD PLANS.
 5. ALL PAVEMENT ARROWS AT INTERSECTION SHALL BE INSTALLED AT 8 FEET FROM LIMIT LINE.
 6. CROSSWALKS SHALL BE 10' WIDE.
 7. SIGNS SHALL CONFORM TO THE CAMUTCD 2010.
 8. EXACT LOCATION OF SIGNS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.



OWNER INFORMATION
SILVER SPRINGS LLC
2999 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597
(925) 933-1405

FP
FEHR & PEERS
TRANSPORTATION CONSULTANTS
3000 Lakeview Drive
Berkeley, CA 94702
925.835.1100

TRAFFIC SIGNAL PLAN FOR
PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
SIGNING AND STRIPING
CALIFORNIA
TM 97-1330, COUNTY CONTRACT NO. PW 09-30470

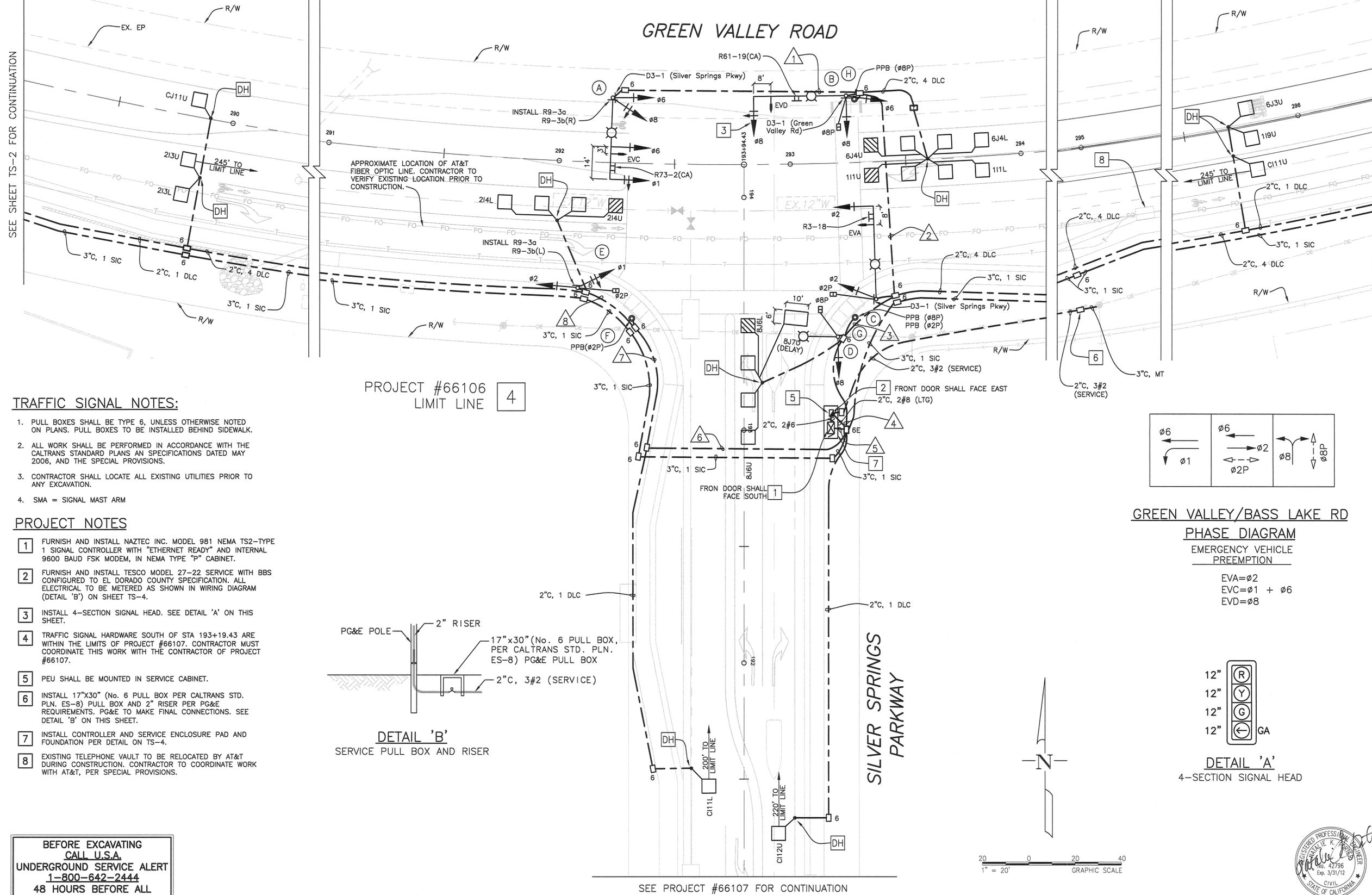
SHEET
13
13 OF 18

APPROVED BY DATE
REVISION

SEE SHEET TS-2 FOR CONTINUATION

SEE SHEET TS-2 FOR CONTINUATION

GREEN VALLEY ROAD



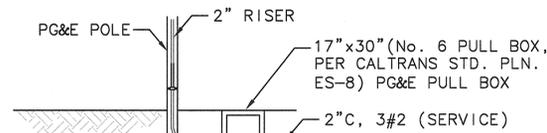
PROJECT #66106
LIMIT LINE 4

TRAFFIC SIGNAL NOTES:

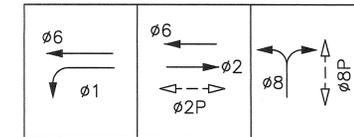
- PULL BOXES SHALL BE TYPE 6, UNLESS OTHERWISE NOTED ON PLANS. PULL BOXES TO BE INSTALLED BEHIND SIDEWALK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
- SMA = SIGNAL MAST ARM

PROJECT NOTES

- FURNISH AND INSTALL NAZTEC INC. MODEL 981 NEMA TS2-TYPE 1 SIGNAL CONTROLLER WITH "ETHERNET READY" AND INTERNAL 9600 BAUD FSK MODEM, IN NEMA TYPE "P" CABINET.
- FURNISH AND INSTALL TESCO MODEL 27-22 SERVICE WITH BBS CONFIGURED TO EL DORADO COUNTY SPECIFICATION. ALL ELECTRICAL TO BE METERED AS SHOWN IN WIRING DIAGRAM (DETAIL 'B') ON SHEET TS-4.
- INSTALL 4-SECTION SIGNAL HEAD. SEE DETAIL 'A' ON THIS SHEET.
- TRAFFIC SIGNAL HARDWARE SOUTH OF STA 193+19.43 ARE WITHIN THE LIMITS OF PROJECT #66107. CONTRACTOR MUST COORDINATE THIS WORK WITH THE CONTRACTOR OF PROJECT #66107.
- PEU SHALL BE MOUNTED IN SERVICE CABINET.
- INSTALL 17"x30" (No. 6 PULL BOX PER CALTRANS STD. PLN. ES-8) PULL BOX AND 2" RISER PER PG&E REQUIREMENTS. PG&E TO MAKE FINAL CONNECTIONS. SEE DETAIL 'B' ON THIS SHEET.
- INSTALL CONTROLLER AND SERVICE ENCLOSURE PAD AND FOUNDATION PER DETAIL ON TS-4.
- EXISTING TELEPHONE VAULT TO BE RELOCATED BY AT&T DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WORK WITH AT&T, PER SPECIAL PROVISIONS.



DETAIL 'B'
SERVICE PULL BOX AND RISER

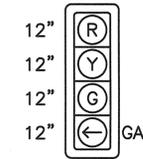


GREEN VALLEY/BASS LAKE RD

PHASE DIAGRAM

EMERGENCY VEHICLE
PREEMPTION

EVA=Ø2
EVC=Ø1 + Ø6
EVD=Ø8



DETAIL 'A'
4-SECTION SIGNAL HEAD

**BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
1-800-642-2444
48 HOURS BEFORE ALL
PLANNED WORK OPERATIONS**

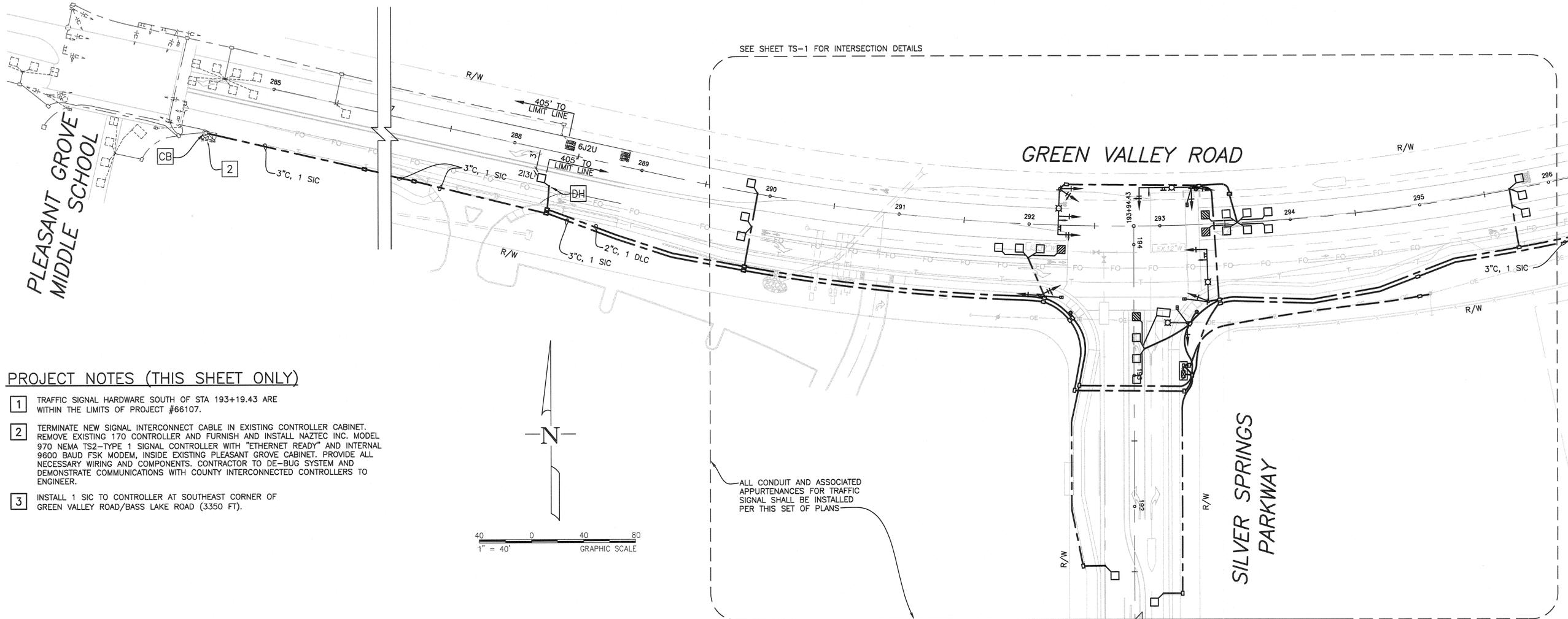
SEE PROJECT #66107 FOR CONTINUATION

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY



OWNER INFORMATION	SILVER SPRINGS LLC. 2899 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597 (925) 933-1405
CONSULTANT INFORMATION	FERR & PEERS TRANSPORTATION CONSULTANTS 2899 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597 (925) 933-1405
PROJECT INFORMATION	TRAFFIC SIGNAL PLANS FOR PROJECT #66106 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION TRAFFIC SIGNAL EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470 CALIFORNIA
SHEET	14 OF 18

TS-1



PROJECT NOTES (THIS SHEET ONLY)

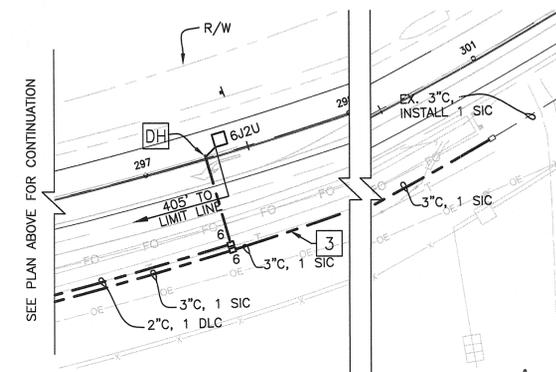
- 1 TRAFFIC SIGNAL HARDWARE SOUTH OF STA 193+19.43 ARE WITHIN THE LIMITS OF PROJECT #66107.
- 2 TERMINATE NEW SIGNAL INTERCONNECT CABLE IN EXISTING CONTROLLER CABINET. REMOVE EXISTING 170 CONTROLLER AND FURNISH AND INSTALL NAZTEC INC. MODEL 970 NEMA TS2-TYPE 1 SIGNAL CONTROLLER WITH "ETHERNET READY" AND INTERNAL 9600 BAUD FSK MODEM, INSIDE EXISTING PLEASANT GROVE CABINET. PROVIDE ALL NECESSARY WIRING AND COMPONENTS. CONTRACTOR TO DE-BUG SYSTEM AND DEMONSTRATE COMMUNICATIONS WITH COUNTY INTERCONNECTED CONTROLLERS TO ENGINEER.
- 3 INSTALL 1 SIC TO CONTROLLER AT SOUTHEAST CORNER OF GREEN VALLEY ROAD/BASS LAKE ROAD (3350 FT).



SEE SHEET TS-1 FOR INTERSECTION DETAILS

ALL CONDUIT AND ASSOCIATED APPURTENANCES FOR TRAFFIC SIGNAL SHALL BE INSTALLED PER THIS SET OF PLANS

SEE PLANS FOR SILVER SPRINGS PARKWAY REALIGNMENT (ONSITE) PHASE 2 PROJECT #66107



**BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
1-800-642-2444
48 HOURS BEFORE ALL
PLANNED WORK OPERATIONS**



SEE PLAN BELOW FOR CONTINUATION

SHEET	15	15 OF 18	EL DORADO COUNTY	TM 97-1330, COUNTY CONTRACT NO. PW 09-30470	CALIFORNIA	FEHR & PEERS TRANSPORTATION CONSULTANTS <small>REGISTERED PROFESSIONAL ENGINEERS STATE OF CALIFORNIA No. 10077, 10078, 10079, 10080</small>	OWNER INFORMATION SILVER SPRINGS LLC 2999 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597 (925) 933-1405	REVISION	APPROVED BY	DATE

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

TS-2

CONDUCTOR SCHEDULE									
CABLE/AWG	POLE/CIRCUIT	CONDUIT RUNS							
		1	2	3	4	5	6	7	8
12-CONDUCTOR	(A) Ø1, Ø6	1	1	1	1	1			
	(A) Ø8	1	1	1	1	1			
	(B) Ø8, Ø6, Ø8P		1	1	1	1			
	(C) Ø2, Ø2P			1	1	1			
	(D) Ø8, Ø8P				1	1			
(E) Ø1, Ø2, Ø2P					1	1	1	1	
	TOTAL	2	3	4	5	6	1	1	1
3-CONDUCTOR	(B) PPB (Ø8P)		1	1	1	1			
	(C) PPB (Ø8P, Ø2P)				1	1			
	(F) PPB (Ø2P)					1	1	1	
	(H) PPB (Ø8P)		1	1	1	1			
	TOTAL		2	2	3	4	1	1	
NO. 8	LIGHTING	2	2	2	2				
DLC	Ø1		2	3	3	3			
	Ø2					4	4	4	4
	Ø6		2	4	4	4			
	Ø8				3	3			
	C111U (COUNT)			1	1	1			
	C111L (COUNT)					1	1		
	CJ11U (COUNT)					1	1	1	1
	CJ11L (COUNT)					1	1	1	1
	C112U (COUNT)					1			
	TOTAL DLC		4	8	11	19	7	6	6
EVP	OPTICOM	1	2	3	3				
SIC					2				
	CONDUIT SIZE	3"	4"	2-3"	2-4"	2-4"	3"	3"	3"
	CONDUIT FILL %	16	19	23	16	21	14	13	11

EQUIPMENT SCHEDULE										
	TYPE			VEH SIG MTG		PED SIGNAL MTG	PPB		HPS LUM	SPECIAL REQUIREMENTS
	TYPE	SIG MA	LUM ARM	MAST	POLE		Ø	ARROW		
(A)	24-4-100	35'	12'	MAS MAS	SV-2-TA	-	-	-	200 W	FURNISH AND INSTALL EMERGENCY VEHICLE DETECTOR (EVC) ON SMA. FURNISH AND INSTALL R73-2(CA) ON SMA, D3-1 (Silver Springs Pkwy) PER STREET NAME SIGN MOUNTING DETAIL ON SHEET TS-4, AND R9-3a, R9-3b(R) ON SIGNAL POLE.
(B)	26-4-100	40'	12'	MAS-4B	SV-2-TA	SP-1-T	-	-	200 W	FURNISH AND INSTALL EMERGENCY VEHICLE DETECTOR (EVD) ON SMA. FURNISH AND INSTALL R61-19(CA) ON SMA, AND D3-1 (Green Valley Rd) PER STREET NAME SIGN MOUNTING DETAIL ON SHEET TS-4.
(C)	26-4-100	40'	12'	MAS	SV-1-T	SP-1-T	-	-	200 W	FURNISH AND INSTALL EMERGENCY VEHICLE DETECTOR (EVA) IN SMA. FURNISH AND INSTALL R3-18 ON SMA, AND D3-1 (Silver Springs Pkwy) PER STREET NAME SIGN MOUNTING DETAIL ON SHEET TS-4.
(D)	15TS	-	12'	-	SV-1-T	SP-1-T	-	-	200 W	
(E)	1-B	-	-	-	TV-2-T	SP-1-T	-	-	-	INSTALL R9-3a, R9-3b(L) ON SIGNAL POLE.
(F)	PPB POST	-	-	-	-	-	2	LEFT	-	
(G)	PPB POST	-	-	-	-	-	2	RIGHT LEFT	-	
(H)	PPB POST	-	-	-	-	-	8	LEFT	-	

EL DORADO COUNTY SIGNAL SPECIAL PROVISIONS

ALL SIGNAL INSTALLATIONS SHALL CONFORM TO ALL CURRENT STATE OF CALIFORNIA STANDARD SPECIFICATIONS WITH THE EXCEPTION OF THE BELOW ITEMIZED EL DORADO COUNTY SPECIAL PROVISIONS:

GENERAL PROVISIONS

- USE OF PROGRAMMED VISIBILITY SIGNAL HEADS SHOULD BE MINIMIZED. FOR LEFT TURN LANES, RED, YELLOW AND GREEN ARROWS SHALL BE USED.
- THE RED, YELLOW AND GREEN INDICATIONS FOR ALL SIGNAL HEADS SHALL, WITH THE EXCEPTION OF THE PROGRAMMED VISIBILITY HEAD, COMPLY WITH THE CALTRANS TYPE I LED SPECIFICATION AND, TO EVERY EXTENT POSSIBLE, EXHIBIT THE APPEARANCE OF AN INCANDESCENT FIXTURE (i.e. Dialight DuraLED or Gelcore).
- ALL PROGRAMMED VISIBILITY HEADS SHALL USE CALTRANS APPROVED LED MODULES FOR LUMINATION.
- ALL SIGNALS SHALL BE DESIGNED WITH "NEAR-RIGHT" INDICATIONS FOR ALL THROUGH PHASES.

POLE LOCATIONS

	STATION	OFFSET
(A)	292+22.3	27.8' (L)
(B)	293+25.0	28.8' (L)
(C)	293+35.1	59.0' (R)
(D)	293+26.1	66.5' (R)
(E)	292+10.2	54.3' (R)
(F)	292+33.2	66.6' (R)
(G)	293+26.1	66.5' (R)
(H)	293+28.7	27.2' (L)

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
1-800-642-2444
48 HOURS BEFORE ALL
PLANNED WORK OPERATIONS



THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

TS-3

SHEET 16 OF 18

OWNER INFORMATION
SILVER SPRINGS LLC
2989 OAK ROAD, SUITE 400
WALNUT CREEK, CA 94597
(925) 933-1405

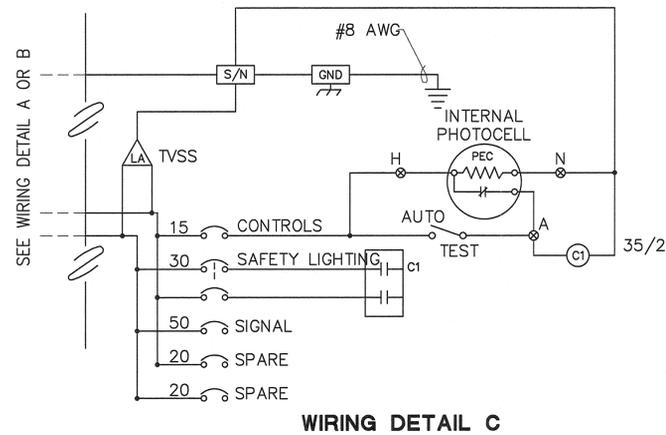
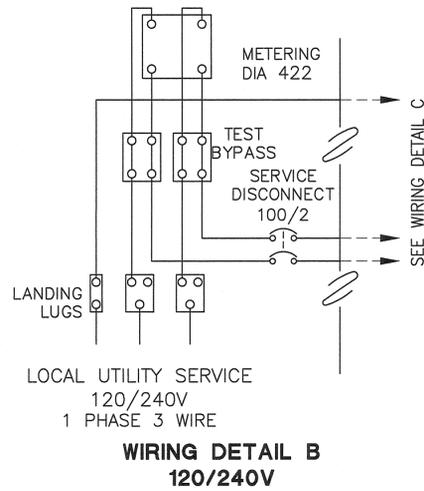
FEHR & PEERS
TRANSPORTATION CONSULTANTS
1000 RIVER ST., SUITE 200
DUBLIN, CA 94568
(916) 776-0000

TRAFFIC SIGNAL PLANS FOR
PROJECT #66106
GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION
TRAFFIC SIGNAL
EL DORADO COUNTY TM 97-1330, COUNTY CONTRACT NO. PW 09-30470
CALIFORNIA

APPROVED BY DATE

REVISION

CALIFORNIA

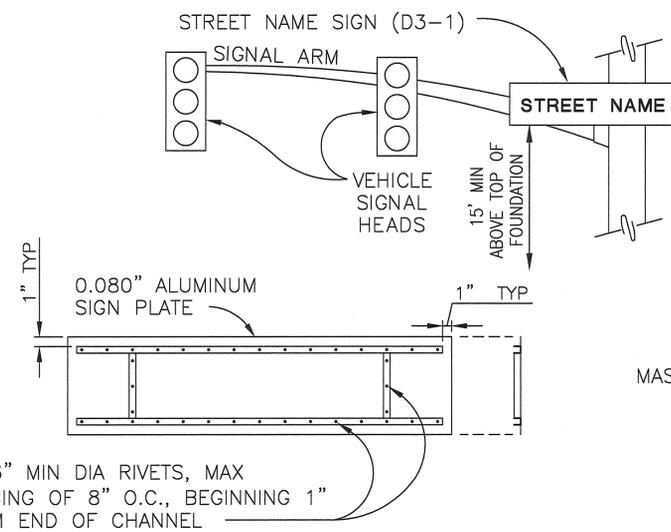


WIRING DETAIL B
120/240V

WIRING DETAIL C

**TRANSIENT VOLTAGE SURGE SUPPRESSION (TVSS)
SERVICE EQUIPMENT WIRING DIAGRAM**

NTS



STREET NAME SIGN MOUNTING DETAIL

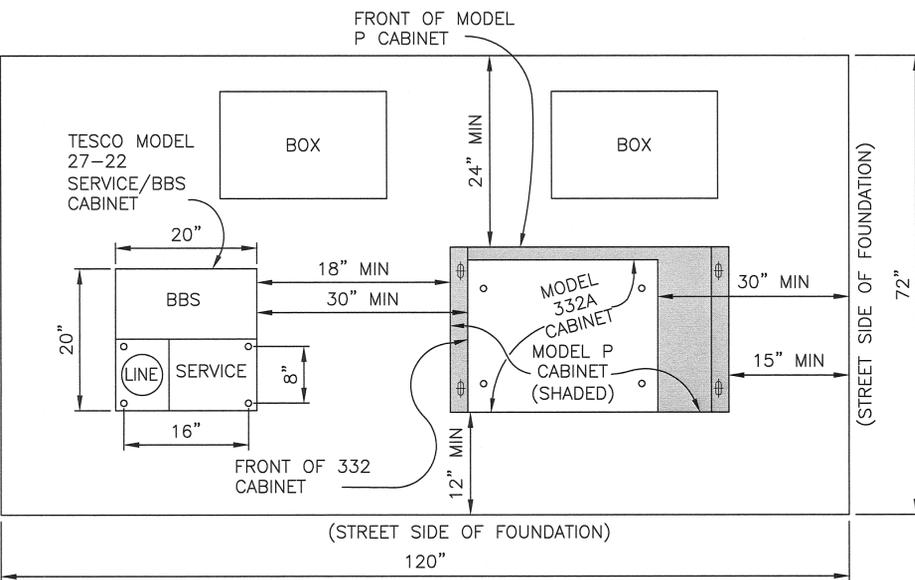
NTS

3/16" MIN DIA RIVETS, MAX
SPACING OF 8" O.C., BEGINNING 1"
FROM END OF CHANNEL

- NOTES:
1. ALL HANGER COMPONENTS TO BE GALVANIZED, EXCEPT STAINLESS STEEL BANDS.
 2. ATTACH SIGN TO POLE AND SIGNAL MAST ARM VIA SADDLE BRACKETS.
 3. SEE EQUIPMENT SCHEDULE FOR MESSAGE.
 4. SEE SPECIAL PROVISIONS FOR SIGN SPECIFICATIONS.
 5. FRAME MATERIAL: 1 1/4" X 1 1/4" X 3/16" ALUMINUM CHANNEL -ALLOY 6063-T5

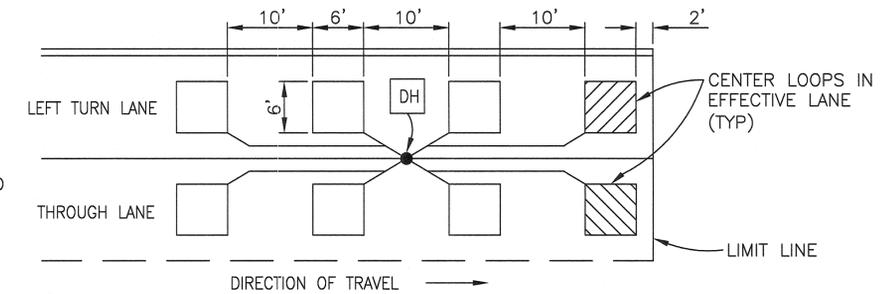
IN ADDITION TO MEETING ALL CURRENT CALTRANS SPECIFICATIONS, THE FOUNDATION FOR THE ELECTRICAL SYSTEMS CONTROLLER CABINET SHALL MEET THE FOLLOWING EL DORADO COUNTY SPECIAL PROVISIONS:

1. SERVICE SHALL CONSIST OF A TESCO 27-22 TYPE III-AF/BBS COMBO.
2. 3" LONG SLEEVE NUTS ARE TO BE PROVIDED TO ACCOMMODATE THE INSTALLATION OF EITHER A MODEL 332 CABINET OR A CALTRANS TYPE P CABINET. SLEEVE INSTALLATION SHALL CONFORM TO CALTRANS 2006 STANDARD PLAN ES-6B, DETAIL B.
3. ELECTRICAL PULL BOXES SHALL NOT BE LOCATED IN PEDESTRIAN TRAVELWAY (SIDEWALK).
4. CABINET DOORS SHALL NOT PROTRUDE INTO PEDESTRIAN TRAVELWAY (SIDEWALK) WHEN OPEN.
5. IN NO CASE SHALL THE SIGNAL CABINET, BATTERY BACKUP CABINET OR SERVICE CABINET BE LESS THAN FOUR (4) FEET FROM THE EDGE OF PAVEMENT OR TOP BACK OF CURB, WHICH EVER IS GREATER.
6. SIC CABLE SHALL BE SIX (6) TWISTED PAIR.



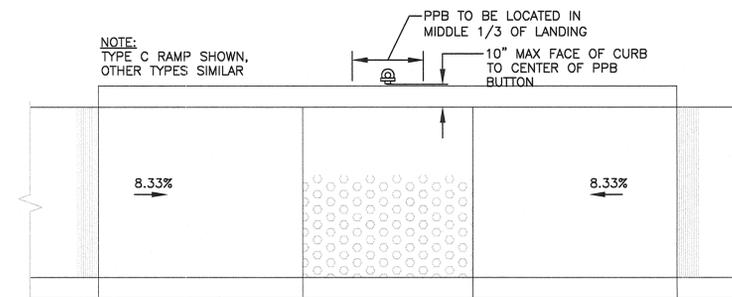
TYPICAL SIGNAL CONTROLLER PAD

NTS



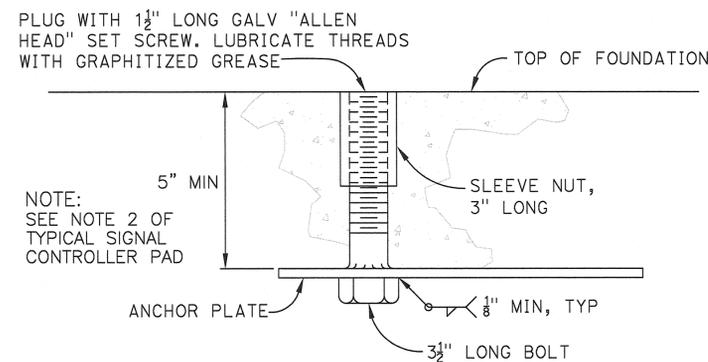
TYPICAL DETECTOR LOOP LAYOUT

NTS



TYPICAL PPB LOCATION DETAIL

NTS



ANCHORAGE FOR CABINET INSTALLATION

NTS

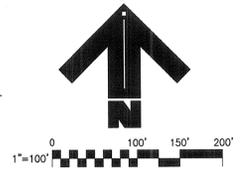
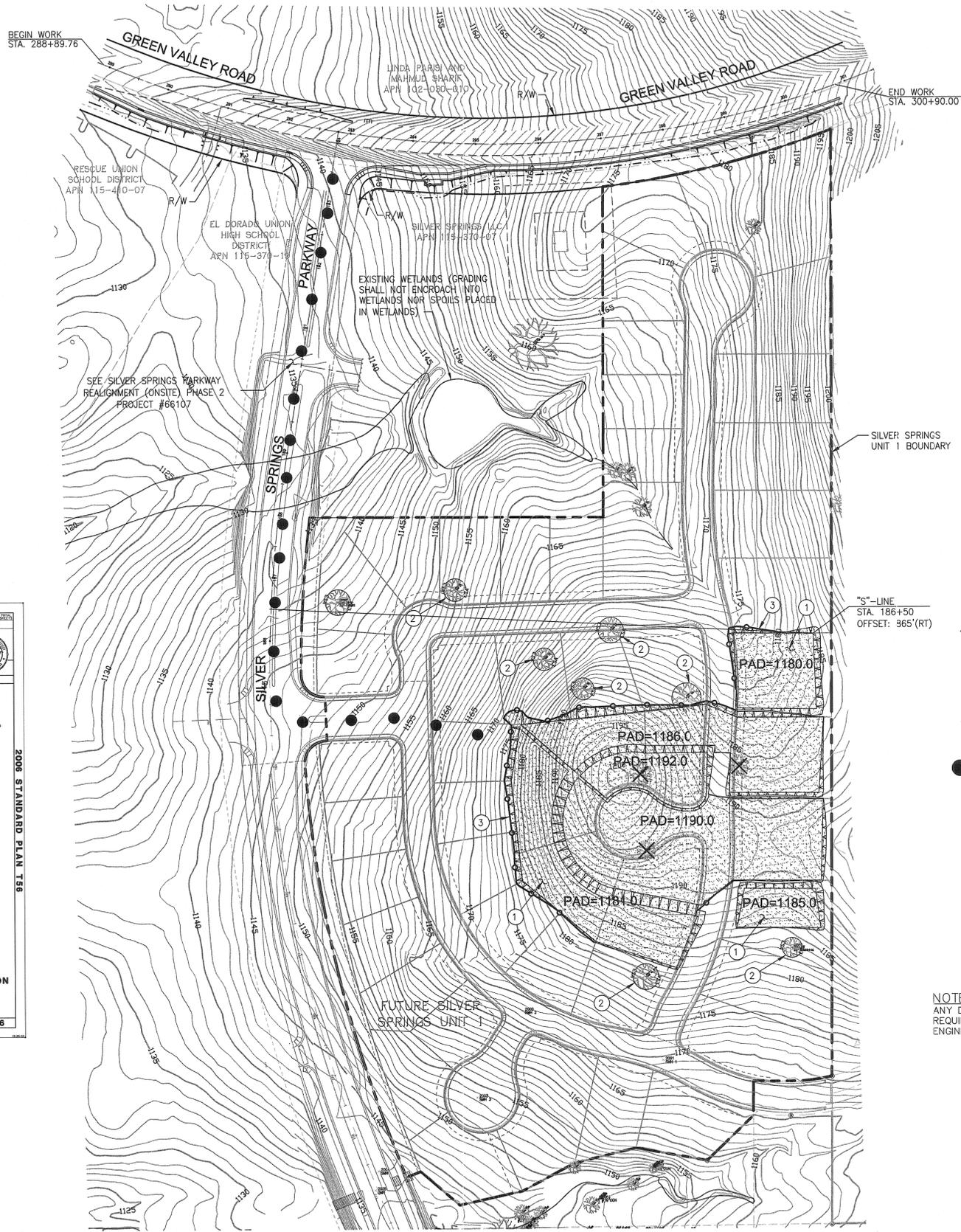
THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

**BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
1-800-642-2444
48 HOURS BEFORE ALL
PLANNED WORK OPERATIONS**



APPROVED BY		DATE	
REVISION			
OWNER INFORMATION	SILVER SPRINGS LLC 2989 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597 (925) 933-1405		
CONSULTANT INFORMATION	FEHR & PEERS TRANSPORTATION CONSULTANTS 1000 RIVER ST., SUITE 200 DUBLIN, CA 94568 (925) 835-7500		
PROJECT #	PROJECT #66106 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION TRAFFIC SIGNAL		
CONTRACT NO.	PW 09-30470		
COUNTY	EL DORADO COUNTY		
ADDRESS	TM 97-1330		
SHEET	17	OF	18

TS-4



CONSTRUCTION NOTES:

- ① HYDROSEED WITH SEED MIX PER CONSTRUCTION SPECIFICATIONS.
- ② PROTECT TREE WITH ESA FENCE PER CONSTRUCTION SPECIFICATIONS.
- ③ PLACE FIBER ROLL PER CALTRANS STANDARD PLAN T56.

EARTHWORK

CUT = 19,000 CY
 FILL = 2,000 CY
 NET = 17,000 CY (EXPORT)

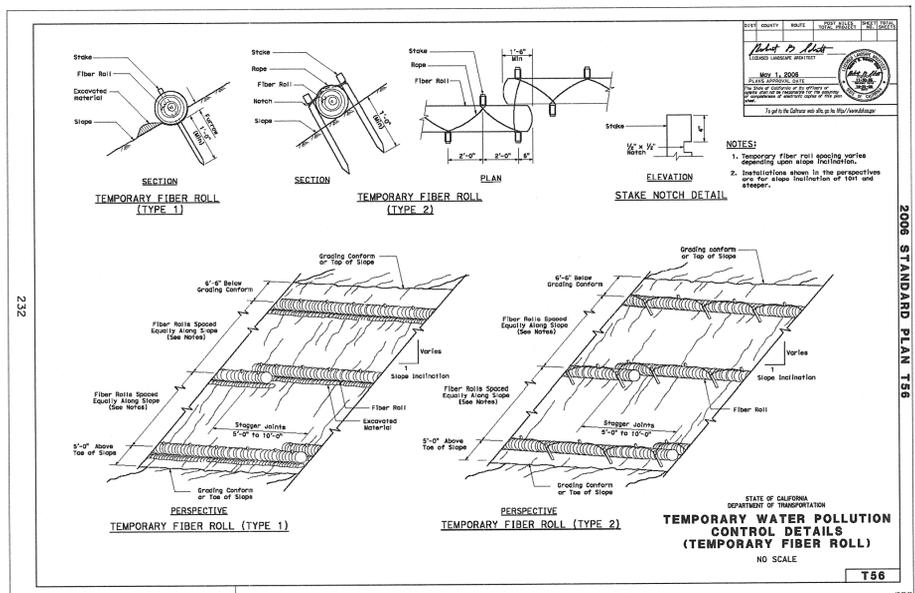
CONTRACTOR SHALL EXCAVATE AND PLACE EMBANKMENT AREAS TO THE PAD ELEVATIONS SHOWN. MAXIMUM AVAILABLE MATERIAL APPROXIMATELY 17,000 CY.

IF ADDITIONAL MATERIAL IS REQUIRED TO BALANCE THE PROJECT BEYOND WHAT IS AVAILABLE AS SHOWN, THE IMPORTED MATERIAL SHALL BE PAID AS AN ADDITIONAL ITEM. SEE SPECIFICATIONS FOR DETAILS.

LEGEND:

- PROPOSED SLOPE BANK (2:1, HORIZONTAL:VERTICAL)
- FIBER ROLL (1,100 LF)
- EROSION CONTROL (TYPE D) (21,500 SQYD)
- TEMPORARY FENCE (ESA) (950 LF)
- HAUL ROUTE
- EXISTING 5' CONTOURS
- EXISTING 1' CONTOURS
- TREE TO BE REMOVED (3 TOTAL)

NOTE:
 ANY DEVIATION FROM THIS GRADING PLAN REQUIRES WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO START OF WORK.



2006 STANDARD PLAN T56

TLA ENGINEERING & PLANNING

REGISTERED PROFESSIONAL ENGINEER
 EDWIN J. HENDERSON
 No. 66017
 Exp. 08-30-12
 CIVIL
 STATE OF CALIFORNIA

DATE: 4.4.11

OWNER INFORMATION SILVER SPRINGS LLC 2999 OAK ROAD, SUITE 400 WALNUT CREEK, CA 94597	TLA ENGINEERING & PLANNING <small>ROSELILLE, CA 95061 • 916.766.0865</small> CALIFORNIA
GRADING AND IMPROVEMENT PLANS FOR PROJECT #66106 GREEN VALLEY ROAD / SILVER SPRINGS PARKWAY INTERSECTION BORROW SITE PLAN	
COUNTY CONTRACT NO. PW 09-30470 EL DORADO COUNTY TM 97-1330	
SHEET	18
18 OF 18	
APPROVED BY	DATE
REVISION	REVISION