

DEPARTMENT OF GENERAL SERVICES
 COUNTY OF
EL DORADO
 PROJECT PLANS FOR THE CONSTRUCTION OF CLASS I BIKE PATH
SPTC FORNI RD TO MISSOURI FLAT RD

JUNE 09, 2008

LEGEND

- RIGHT OF WAY LINE
- TRAIL CENTERLINE
- PROFILE PROPOSED FINISH GROUND
- PROFILE EXISTING GROUND
- PROPOSED HANDRAIL
- EXISTING RAILROAD TIES AND RAILS
- EXISTING WETLANDS
- PROPOSED STAGING AREA
- AGGREGATE BASE PARKING AREA
- PAVEMENT REMOVAL
- 4"AC OVER 6"AB PAVEMENT REPLACEMENT
- GRADING LIMITS
- TEMPORARY FENCE (TYPE ESA)
- OVERHEAD UTILITY LINES
- UNDERGROUND COMMUNICATION LINES
- ABANDONED UTILITY LINES
- IRRIGATION LINES
- TELECOM LINES

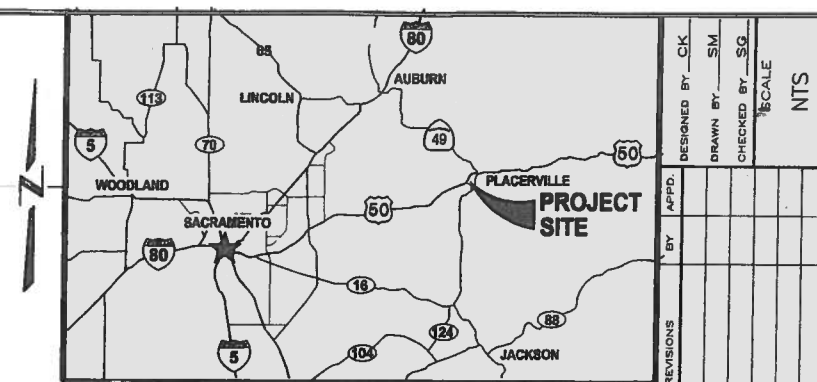
STANDARD ABBREVIATIONS

- | | |
|--|---|
| <ul style="list-style-type: none"> AB --- AGGREGATE BASE AC --- ASPHALT CONCRETE BVCE --- BEGIN VERTICAL CURVE ELEVATION EVCS --- END VERTICAL CURVE STATION CL or E --- CENTER LINE DWG --- DRAWING EL or ELEV. --- ELEVATION ESA --- ENVIRONMENTALLY SENSITIVE AREA EVCE --- END VERTICAL CURVE ELEVATION EVCS --- END VERTICAL CURVE STATION EX. or EXIST. --- EXISTING FG --- FINISH GRADE FL or E --- FLOW LINE GB --- GRADE BREAK HP --- HIGH POINT | <ul style="list-style-type: none"> INV --- INVERT LP --- LOW POINT LT --- LEFT MAX --- MAXIMUM MIN --- MINIMUM NTS --- NOT TO SCALE O.C. --- ON CENTER PL or E --- PROPERTY LINE PED --- PEDESTRIAN PR --- PROPOSED PVI --- POINT OF VERTICAL INTERSECTION RT --- RIGHT R/W --- RIGHT-OF-WAY STA --- STATION TYP. --- TYPICAL VC --- VERTICAL CURVE |
|--|---|



LOCATION MAP

SCALE: 1"=1000'



VICINITY MAP
NTS

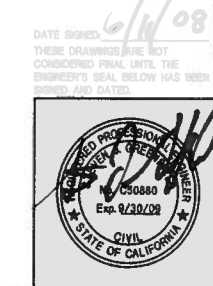
SHEET INDEX	
C1	TITLE SHEET
C2	GENERAL NOTES & TYPICAL SECTIONS
C3	CONTROL SHEET & KEY MAP
C4-C15	PLAN SHEETS
C16-C18	DETAILS
WEBER CREEK BRIDGE PLANS	
S1	GENERAL PLAN
S2	ABUTMENT DETAILS
S3-S6	RAILING DETAILS
CULVERT BRIDGE PLANS	
S7	GENERAL PLAN
S8-S9	RAILING & ABUTMENT DETAILS

EXCAVATION SUMMARY (CY)		
	CUT	FILL
ROADWAY EXCAVATION	1920	1220
BALLAST EXCAVATION	980	670

ACCEPTED BY:

RUSTY DUPRAY, CHAIRMAN EL DORADO COUNTY BOARD OF SUPERVISORS	DATE
RICHARD SHEPARD, P.E. No. 35438, DIRECTOR EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	DATE
JORDAN POSTLEWAIT, CRA No. 3903, MANAGER EL DORADO COUNTY DIVISION OF AIRPORTS, PARKS AND GROUNDS	DATE

UTILITY REPRESENTATIVES			
UTILITY	AGENCY	REPRESENTATIVE	PHONE
ELECTRICITY	P.G. & E.	KYLE ROLLINS	530-889-5157
TELEPHONE	PACIFIC BELL/AT&T	CAROL PRINCE	530-888-2031
WATER	EL DORADO IRRIGATION DISTRICT	ROBERT CREAMER	530-622-4513
FIRE	EL DORADO COUNTY FIRE DISTRICT	BRUCE LACHER	530-644-9630
CABLE TV	COMCAST	STEVE ABELIA	916-830-6757
U.S.A.	UNDERGROUND SERVICE ALERT	U.S.A.	1-800-642-2444



DESIGNED BY: CK
DRAWN BY: SIM
CHECKED BY: SG
SCALE: NTS

NO.	DATE	REVISIONS

CECWEST.COM
 Project Planning & Civil Engineering & Landscape Architecture
 Sacramento Office
 2100 20th Street, Suite 200
 Sacramento, CA 95818
 (916) 455-2026

EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
CALIFORNIA

TITLE SHEET

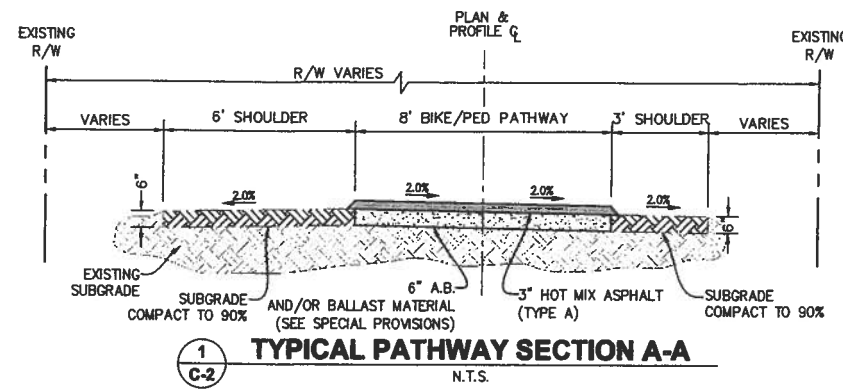
SHEET
C1

OF
27

DATE: 06/09/08
JOB NO: 939.03

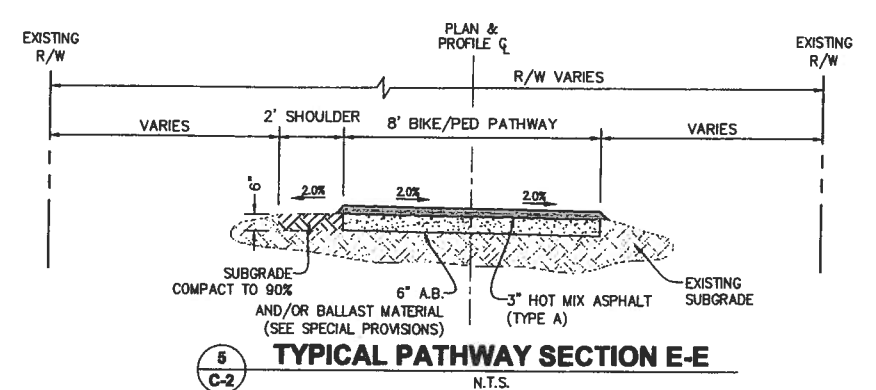
GENERAL NOTES

- CUNNINGHAM ENGINEERING CORPORATION HAS EXERCISED A REASONABLE AND ACCEPTABLE STANDARD OF CARE IN THE PREPARATION OF THESE PLANS. HOWEVER, THE DESIGN PROCESS INCLUDES ACTIVITIES OCCURRING AFTER PLAN SIGNATURE. THESE ACTIVITIES INCLUDE CALCULATIONS, PLAN CHECK AND VERIFICATIONS DURING CONSTRUCTION. SHOULD PERSONS OTHER THAN CUNNINGHAM ENGINEERING CORPORATION PERFORM THE CONSTRUCTION STAKING OPERATION, THEY SHALL INDEMNIFY CUNNINGHAM ENGINEERING CORPORATION FROM ANY DAMAGES RESULTING FROM FAILURE TO PERFORM THESE TASKS OR ANY EXPENSE OR DAMAGE RESULTING FROM OMISSION OR ERROR CONTAINED IN THE PLANS WHICH WOULD REASONABLY HAVE BEEN DISCOVERED AND CORRECTED BY CUNNINGHAM ENGINEERING CORPORATION.
- UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



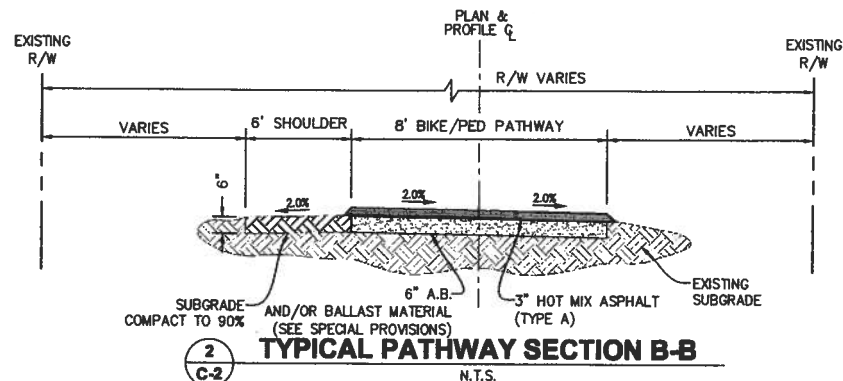
1 TYPICAL PATHWAY SECTION A-A
N.T.S.

STA. 3+49.28 TO STA. 14+26.33
STA. 14+43.37 TO STA. 15+50.00
STA. 19+50.00 TO STA. 27+46.59
STA. 37+39.50 TO STA. 49+75.01
STA. 137+00.00 TO STA. 142+61.40



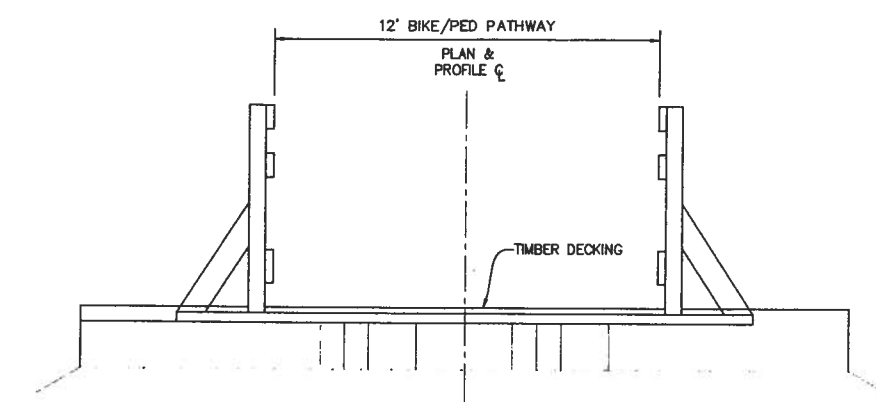
5 TYPICAL PATHWAY SECTION E-E
N.T.S.

STA. 15+50.00 TO STA. 19+50.00
STA. 27+46.59 TO STA. 28+82.37
STA. 56+62.95 TO STA. 75+00.00
STA. 83+55.96 TO STA. 137+00.00



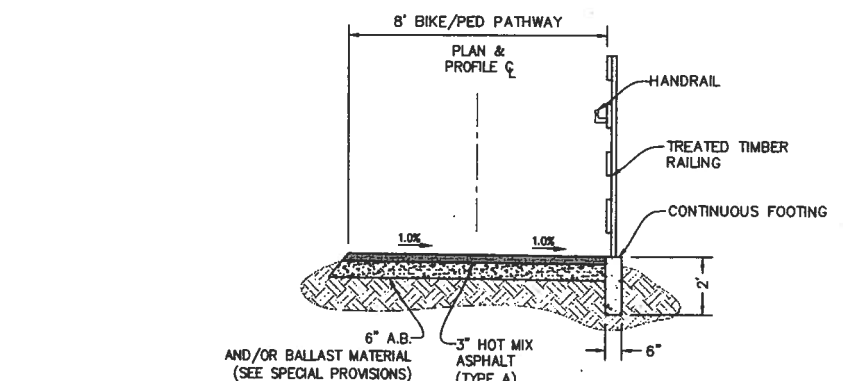
2 TYPICAL PATHWAY SECTION B-B
N.T.S.

STA. 75+00.00 TO STA. 83+55.96



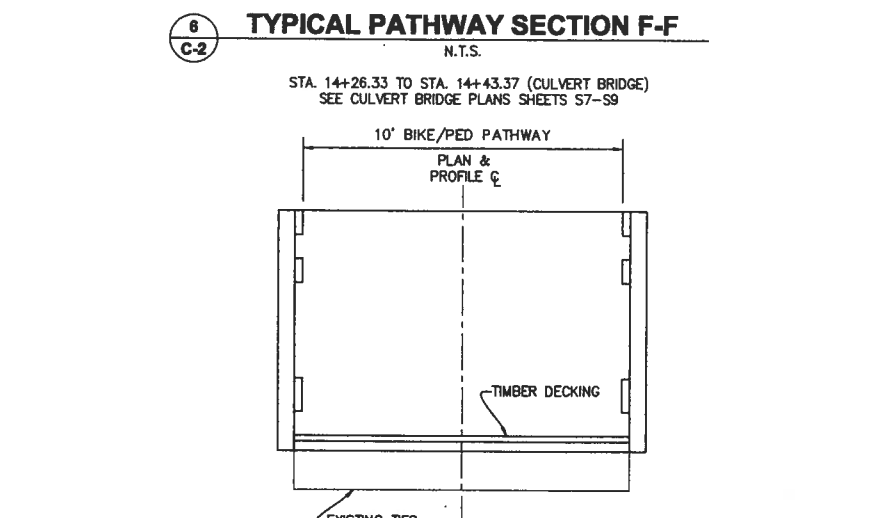
6 TYPICAL PATHWAY SECTION F-F
N.T.S.

STA. 14+26.33 TO STA. 14+43.37 (CULVERT BRIDGE)
SEE CULVERT BRIDGE PLANS SHEETS S7-S9



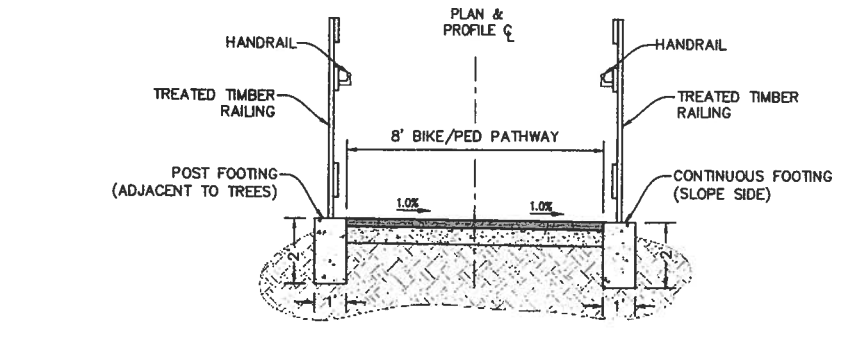
3 TYPICAL PATHWAY SECTION C-C
N.T.S.

STA. 31+58.71 TO STA. 32+56.50
STA. 34+10.50 TO STA. 34+62.50



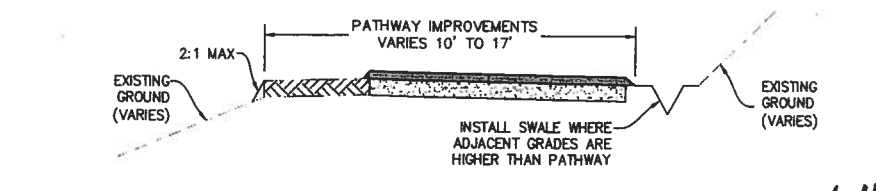
8 TYPICAL PATHWAY SECTION G-G
N.T.S.

STA. 49+75.01 TO STA. 56+62.95 (WEBER CREEK BRIDGE)
SEE TRESTLE BRIDGE PLANS SHEET S1-S6



4 TYPICAL PATHWAY SECTION D-D
N.T.S.

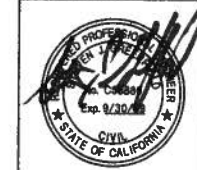
STA. 28+82.37 TO STA. 31+58.71
STA. 32+56.50 TO STA. 34+10.50
STA. 34+62.50 TO STA. 37+39.50



TYPICAL GRADING/SWALE SECTION
N.T.S.

NOTE: QUANTITIES IN "PROPOSAL PAY ITEMS AND BID PRICE SCHEDULE"
ASSUME SITE BALLAST MATERIAL IS USED.

DATE SIGNED: 6-11-09
THESE DRAWINGS ARE NOT
CONSIDERED FINAL UNTIL THE
ENGINEER'S SEAL BELOW HAS BEEN
SIGNED AND DATED.



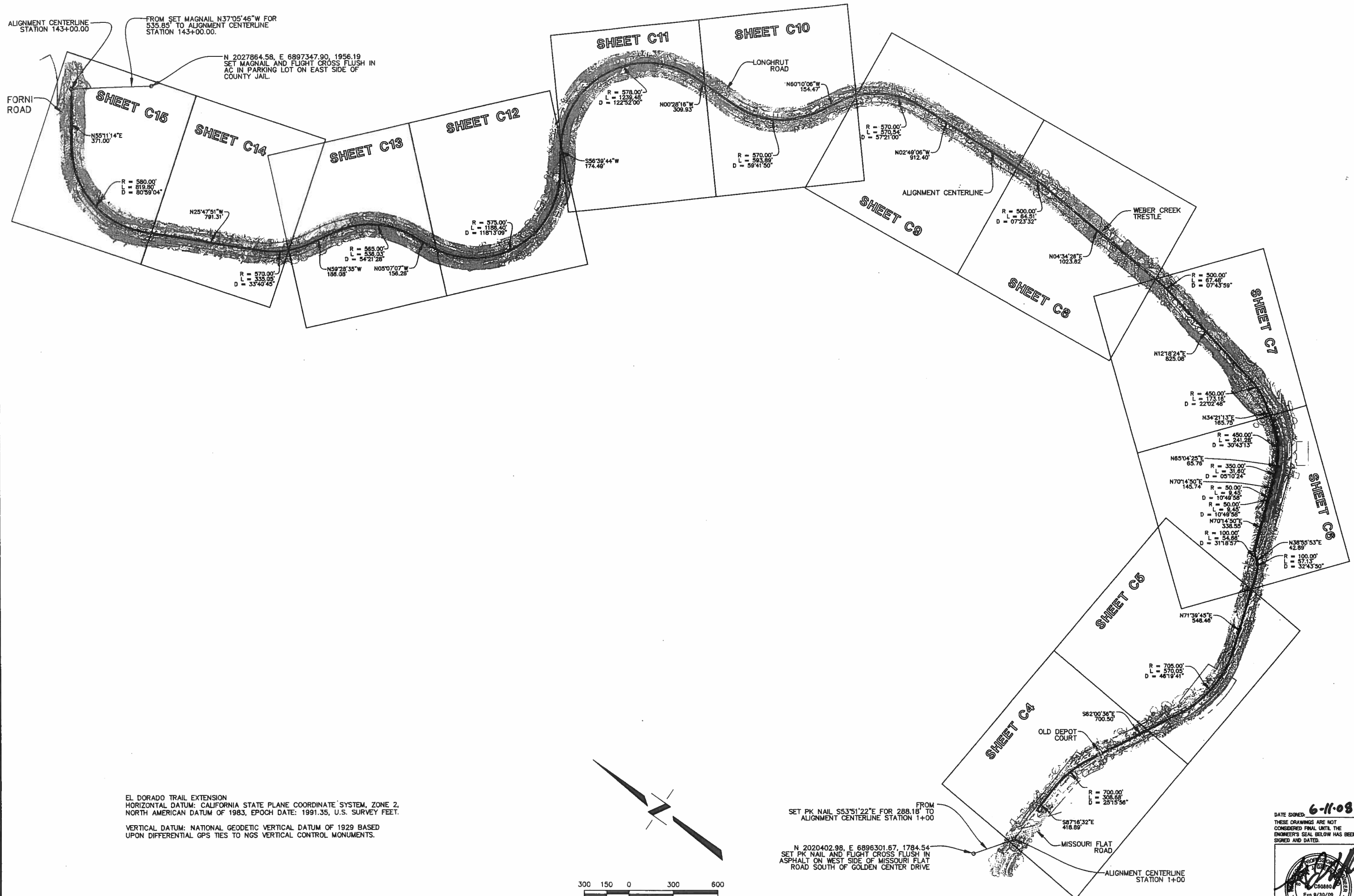
DESIGNED BY: CK	DRAWN BY: SM	CHECKED BY: SG	SCALE: NTS
APPROVED BY:	BY:	REVISIONS:	DATE:
NO.:			

CEWEST.COM
Project Planning • Civil Engineering • Landscape Architecture
Sacramento Office
220 20th Street, Suite Three
Sacramento, CA 95818
(916) 455-2025



EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
GENERAL NOTES & TYPICAL SECTIONS
EL DORADO COUNTY CALIFORNIA

SHEET **C2**
OF **27**
DATE: 06/09/08
JOB NO: 939.03

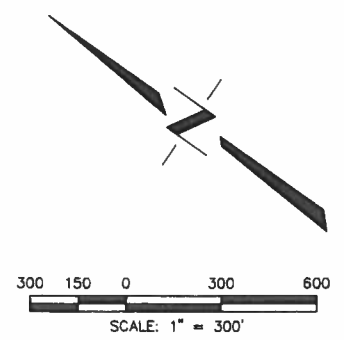


ALIGNMENT CENTERLINE STATION 143+00.00

FROM SET MAGNAIL N37°05'46"W FOR 535.85' TO ALIGNMENT CENTERLINE STATION 143+00.00.

N 2027864.58, E 6897347.90, 1956.19 SET MAGNAIL AND FLIGHT CROSS FLUSH IN AC IN PARKING LOT ON EAST SIDE OF COUNTY JAIL.

EL DORADO TRAIL EXTENSION
 HORIZONTAL DATUM: CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 2, NORTH AMERICAN DATUM OF 1983, EPOCH DATE: 1991.35, U.S. SURVEY FEET.
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929 BASED UPON DIFFERENTIAL GPS TIES TO NGS VERTICAL CONTROL MONUMENTS.



FROM SET PK NAIL S53°51'22"E FOR 288.18' TO ALIGNMENT CENTERLINE STATION 1+00

N 2020402.98, E 6896301.67, 1784.54 SET PK NAIL AND FLIGHT CROSS FLUSH IN ASPHALT ON WEST SIDE OF MISSOURI FLAT ROAD SOUTH OF GOLDEN CENTER DRIVE

DATE SIGNED: 6-11-08

THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

DESIGNED BY: CK	APP'D:	NO.:	DATE:
DRAWN BY: SIM	REVISIONS:	BY:	
CHECKED BY: SG			
SCALE: 1" = 300'			

CECWEST.COM

Project Planning • Civil Engineering • Landscape Architecture

2200 20th Street, Suite Three
 Sacramento, CA 95816
 (916) 455-2026

Corporate Office
 2940 Spafford Street, Suite 200
 Sacramento, CA 95818
 (916) 455-2026

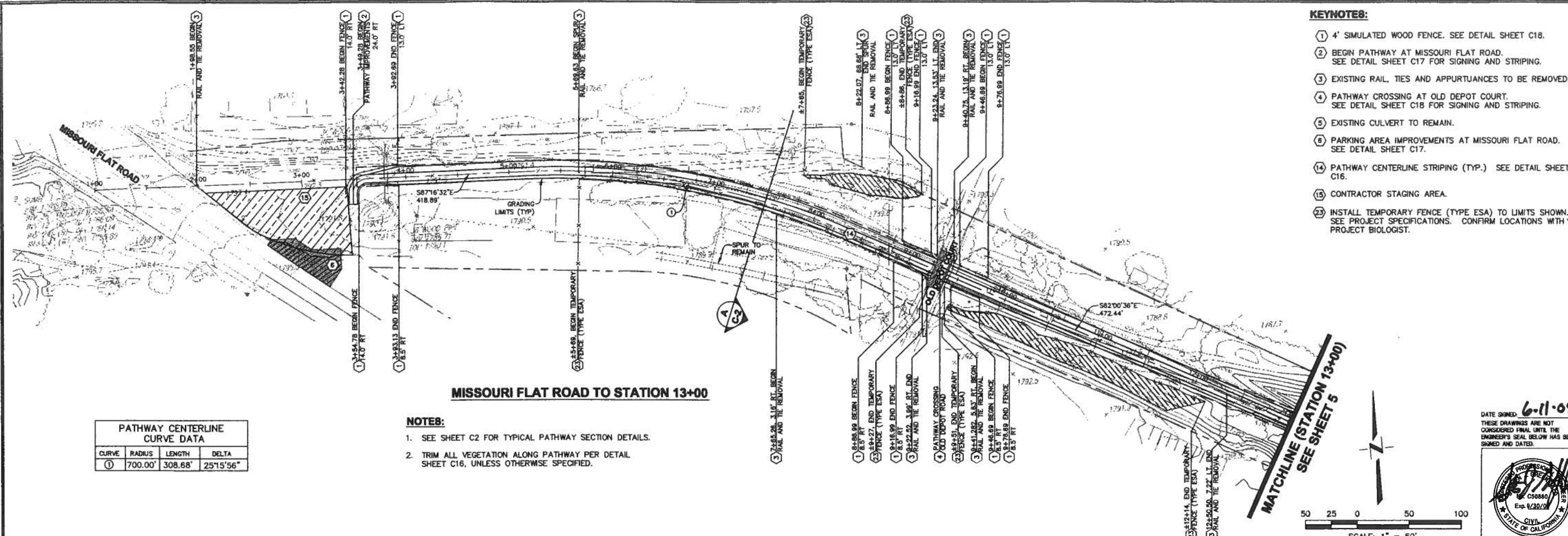
**EL DORADO TRAIL
 SPTC FORNI RD TO MISSOURI FLAT RD
 CONTROL SHEET & KEY MAP**

SHEET
C3
 OF
27

DATE: 06/09/08

JOB NO: 939.03

EL DORADO COUNTY CALIFORNIA



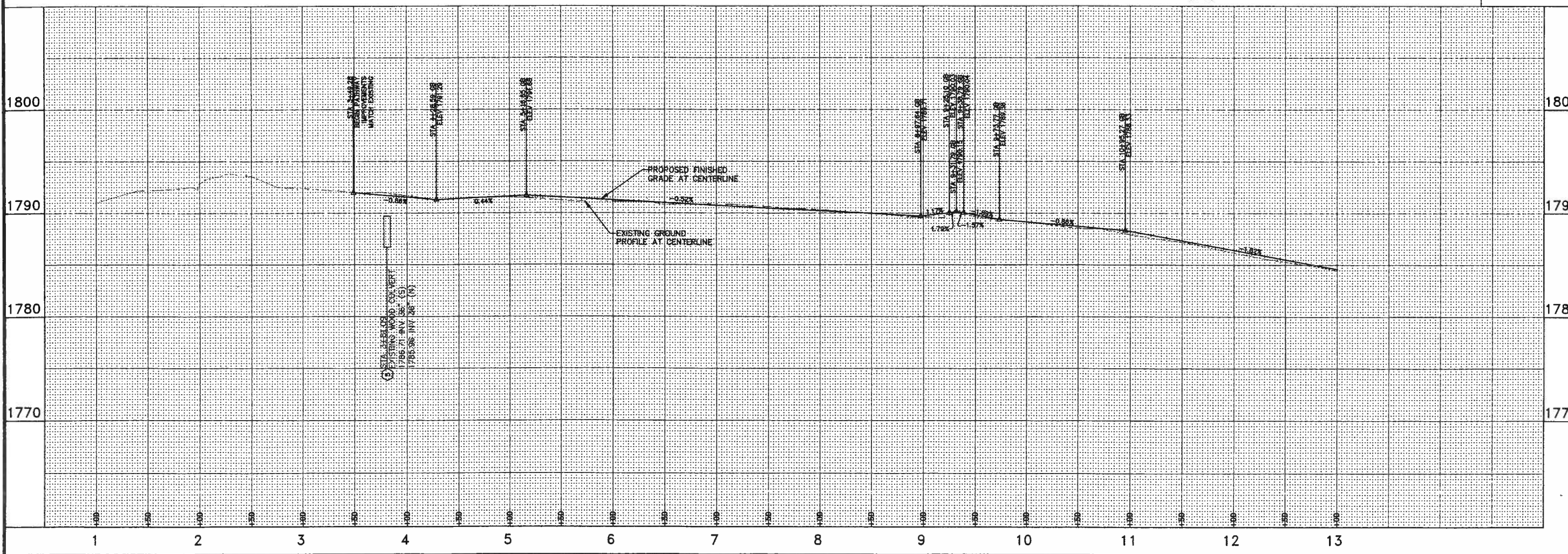
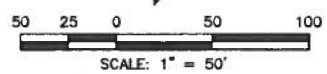
- KEYNOTE8:**
- ① 4' SIMULATED WOOD FENCE. SEE DETAIL SHEET C18.
 - ② BEGIN PATHWAY AT MISSOURI FLAT ROAD. SEE DETAIL SHEET C17 FOR SIGNING AND STRIPING.
 - ③ EXISTING RAIL, TIES AND APPURTUANCES TO BE REMOVED.
 - ④ PATHWAY CROSSING AT OLD DEPOT COURT. SEE DETAIL SHEET C18 FOR SIGNING AND STRIPING.
 - ⑤ EXISTING CULVERT TO REMAIN.
 - ⑥ PARKING AREA IMPROVEMENTS AT MISSOURI FLAT ROAD. SEE DETAIL SHEET C17.
 - ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
 - ⑮ CONTRACTOR STAGING AREA.
 - ⑯ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATIONS WITH PROJECT BIOLOGIST.

PATHWAY CENTERLINE CURVE DATA

CURVE	RADIUS	LENGTH	DELTA
①	700.00'	308.68'	25°15'56"

- NOTES:**
1. SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 2. TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK	DRAWN BY: SM	CHECKED BY: SG	SCALE	HORIZ 1" = 50'	VERT 1" = 5'
BY: _____	REVISIONS:	NO. _____	DATE _____	NO. _____	DATE _____
<p style="font-size: small;">CECWEST.COM Project Planning & Civil Engineering & Landscape Architecture Sacramento Office 2100 20th Street, Suite Three Sacramento, CA 95818 (916) 455-2026</p>					
<p>EL DORADO TRAIL SPTC FORNI RD TO MISSOURI FLAT RD MISSOURI FLAT ROAD TO STA. 13+00.00</p>					
<p>SHEET C4 OF 27</p>					
<p>DATE: 06/09/08</p>					
<p>JOB NO: 939.03</p>					

SEE SHEET 4
MATCHLINE (STATION 13+00)

MATCHLINE (STATION 25+00)
SEE SHEET 6

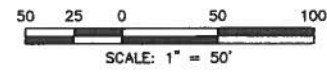
PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	705.00'	570.05'	46°19'41"

- ⑤ EXISTING CULVERT TO REMAIN.
- ⑦ CULVERT BRIDGE. SEE SHEETS S7-S9 FOR BRIDGE PLANS.
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑮ CONTRACTOR STAGING AREA.
- ⑯ MISC. DEBRIS TO BE REMOVED AND DISPOSED BY CONTRACTOR. INCLUDED IN "CLEARING AND GRUBBING."
- ⑰ REMOVE RETAINING WALL. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
- ⑲ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.

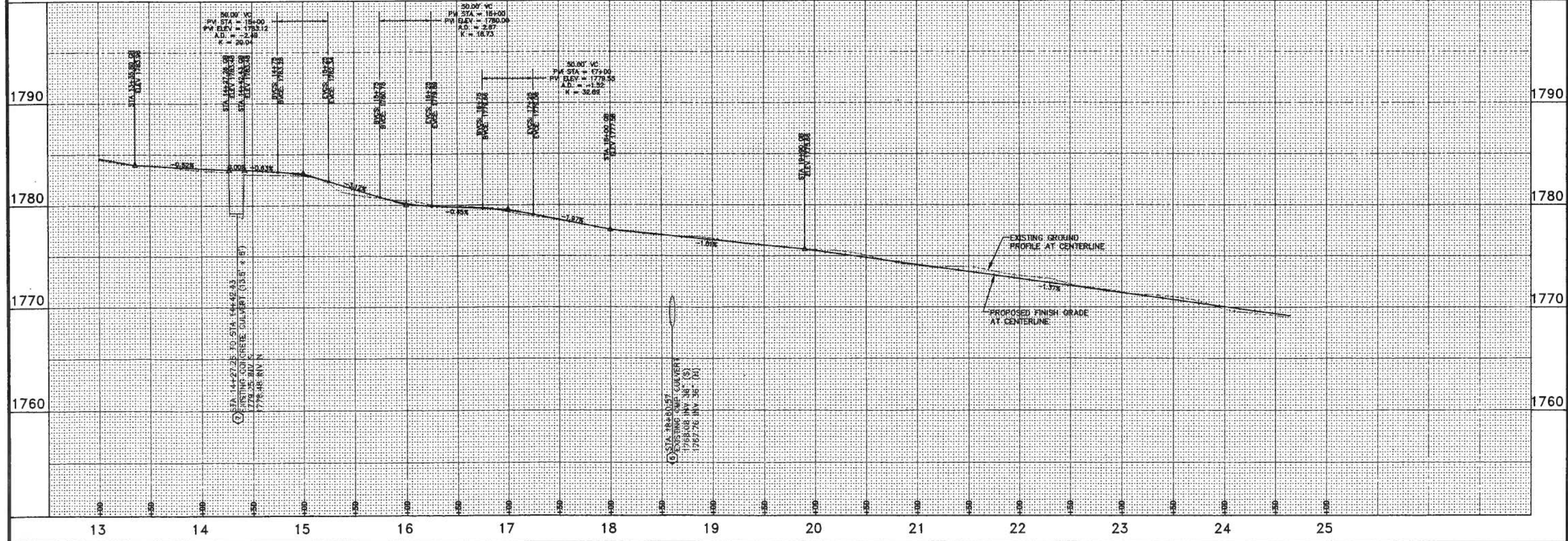
- ⑤ EXISTING CULVERT TO REMAIN.
- ⑦ CULVERT BRIDGE. SEE SHEETS S7-S9 FOR BRIDGE PLANS.
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑮ CONTRACTOR STAGING AREA.
- ⑯ MISC. DEBRIS TO BE REMOVED AND DISPOSED BY CONTRACTOR. INCLUDED IN "CLEARING AND GRUBBING."
- ⑰ REMOVE RETAINING WALL. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
- ⑲ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.

- NOTES:**
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



STATION 13+00 TO STATION 25+00



DESIGNED BY	CK	DRAWN BY	SM	CHECKED BY	SQ	SCALE	HORIZ 1"=50'	VERT 1"=5'
APPROVED BY		DATE		NO.		REVISIONS		
<p>CEWEST.COM</p> <p>Project Planning = Civil Engineering = Landscape Architecture</p> <p>220 20th Street, Suite 100 Sacramento, CA 95818 (916) 455-2025</p>								
<p>CUNNINGHAM ENGINEERING</p> <p>EL DORADO COUNTY CALIFORNIA</p>								
<p>EL DORADO TRAIL</p> <p>SPTC FORNI RD TO MISSOURI FLAT RD</p> <p>STA 13+00.00 TO STA. 25+00.00</p>								
<p>SHEET C5 OF 27</p>								
<p>DATE: 06/09/08</p>								
<p>JOB NO: 939.03</p>								

SEE SHEET 5
MATCHLINE (STATION 25+00)

MATCHLINE (STATION 37+00)
SEE SHEET 7

PATHWAY CENTERLINE CURVE DATA

CURVE	RADIUS	LENGTH	DELTA
1	100.00'	57.13'	32°43'50"
2	100.00'	54.66'	31°18'57"
3	50.00'	9.45'	10°49'58"
4	50.00'	9.45'	10°49'58"
5	350.00'	31.60'	5°10'24"
6	450.00'	241.28'	30°43'13"

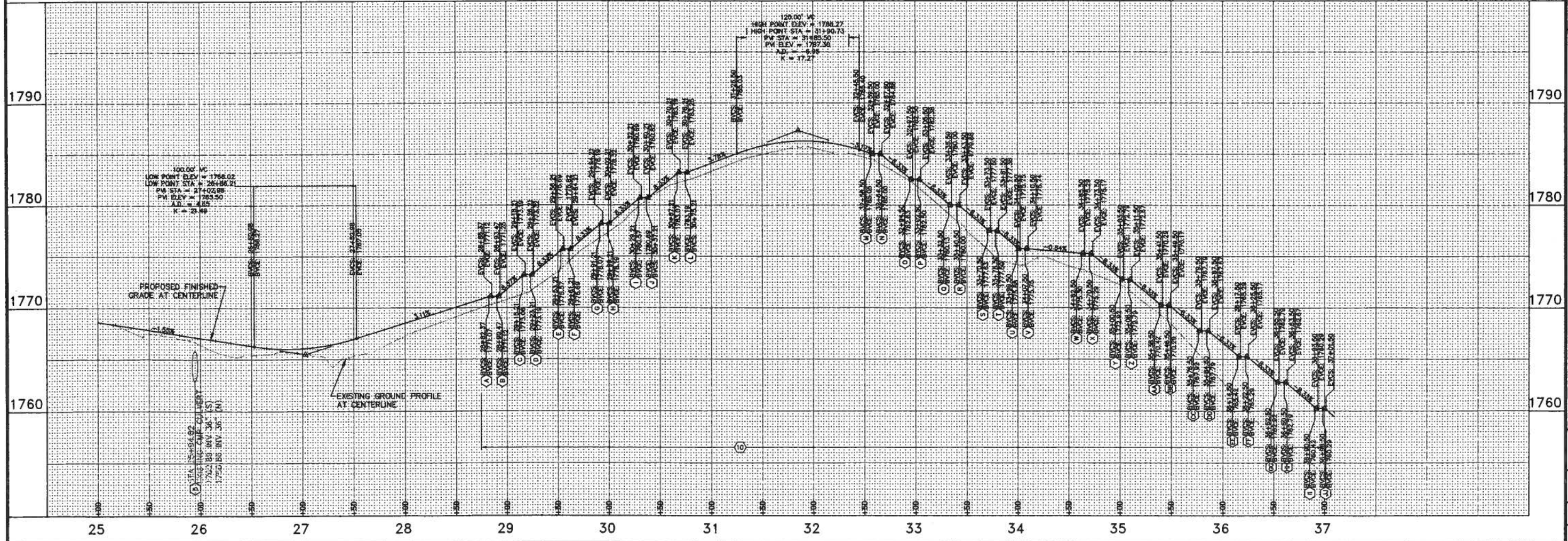
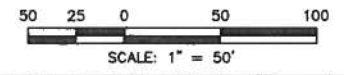
- NOTES:**
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE NOTED.

STATION 25+00 TO STATION 37+00

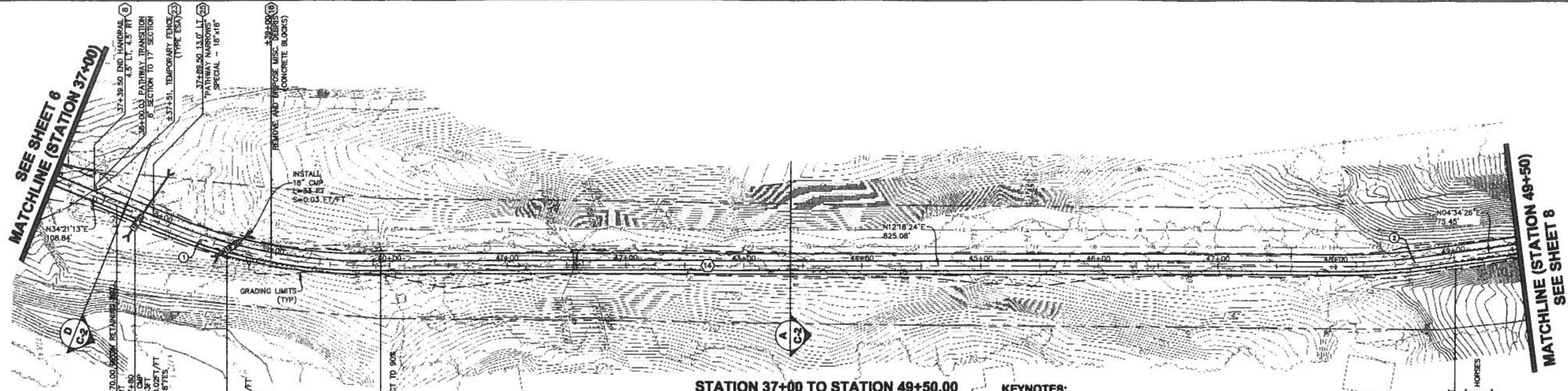
KEYNOTE:

- 5 EXISTING CULVERT TO REMAIN.
- 8 PROPOSED HANDRAIL. SEE DETAIL SHEET S3.
- 9 PROPOSED RETAINING WALL TO LIMITS SHOWN. SEE DETAIL SHEETS XX.
- 10 STA. 28+82.37 TO STA. 37+77.50: SEE SHEET C16 FOR VERTICAL CURVE INFORMATION.
- 14 PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- 17 REMOVE RETAINING WALL. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
- 19 INSTALL TREE PROTECTION. SEE PROJECT SPECIFICATIONS. TREES SHALL BE TRIMMED PER COUNTY ARBORIST DIRECTION.
- 20 HANDWORK ONLY LIMITS. EQUIPMENT LIMITATIONS APPLY, SEE PROJECT SPECIFICATIONS.
- 22 CONSTRUCT ROCK SLOPE PROTECTION (BACKING NO.2, METHOD B) TO LIMITS SHOWN AND DETAIL SHEET C18.
- 23 INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATIONS WITH PROJECT BIOLOGIST.
- 25 INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.

DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK	DRAWN BY: SM	CHECKED BY: SG	SCALE: HORIZ 1"=50' VERT 1"=5'
APPROVED BY:	DATE:	REVISIONS:	NO. DATE
EL DORADO TRAIL SPTC FORNI RD TO MISSOURI FLAT RD STA. 25+00.00 TO STA. 37+00.00 EL DORADO COUNTY CALIFORNIA			
SHEET C6 OF 27			
DATE: 06/09/08			
JOB NO: 939.03			



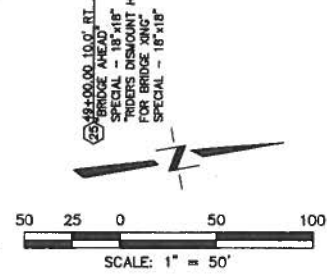
STATION 37+00 TO STATION 49+50.00

- KEYNOTES:**
- (5) EXISTING CULVERT TO REMAIN.
 - (6) PROPOSED HANDRAIL SEE DETAIL SHEET XX.
 - (10) STA. 37+28.50 TO STA. 37+77.50: SEE SHEET C16 FOR VERTICAL CURVE INFORMATION.
 - (14) PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
 - (16) MISC. DEBRIS TO BE REMOVED AND DISPOSED BY CONTRACTOR. INCLUDED IN "CLEARING AND GRUBBING."
 - (22) CONSTRUCT ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B) PER DETAIL SHEET C18.
 - (23) INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS.
 - (24) INSTALL NEW CMP AND FLARED END SECTION AS SHOWN.
 - (25) INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.

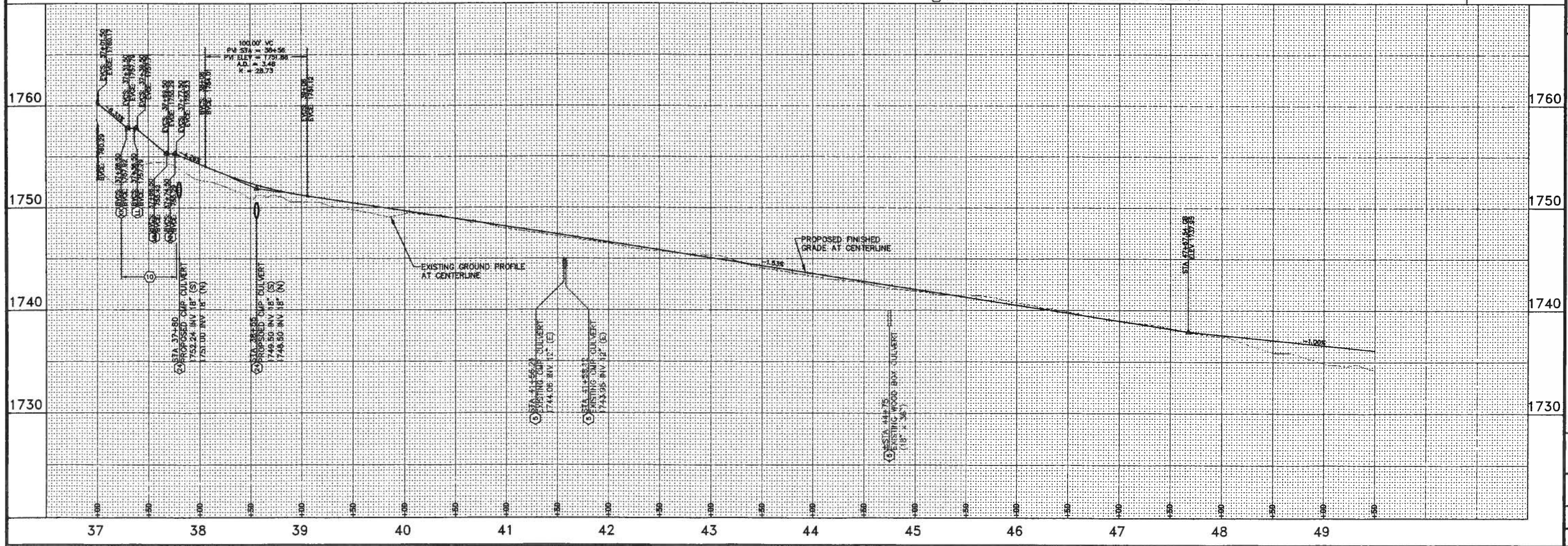
PATHWAY CENTERLINE CURVE DATA

CURVE	RADIUS	LENGTH	DELTA
①	450.00'	173.16'	22°02'48"
②	500.00'	67.48'	7°43'59"

- NOTES:**
1. SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 2. TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.



DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK
 DRAWN BY: SM
 CHECKED BY: SG
 SCALE: HORIZ 1"=50'
 VERT 1"=5'

NO. DATE REVISIONS BY APPD.

CECWEST.COM
 Project Planning & Civil Engineering & Landscapes Architecture
 Corporate Office: 2940 Spaldford Street, Suite 200, Davis, CA 95618, (916) 455-2026
 Sacramento Office: 2020 20th Street, Suite Three, Sacramento, CA 95816, (916) 455-2026

Project: EL DORADO TRAIL
 SPTC FORNI RD TO MISSOURI FLAT RD
 STA. 37+00.00 TO STA. 49+50.00

SHEET C7 OF 27
 DATE: 06/09/08
 JOB NO: 939.03

SEE SHEET 7
MATCHLINE (STATION 49+50)

49+70.74 PATHWAY TRANSITION TO SECTION 17
FROM WEBCREEK BRIDGE APPROACH S1
SEE WEBCREEK BRIDGE PLAN SHEET S1

SEE WEBCREEK BRIDGE PLAN SHEET S1

48+20.74 PATHWAY TRANSITION TO SECTION 10
FROM WEBCREEK BRIDGE APPROACH S1
SEE WEBCREEK BRIDGE PLAN SHEET S1

57+37.95 9.0' LT
SPREAD BRIDGE HEAD
RIDERS DISMOUNT HORSES
FOR BRIDGE WING
SPECIAL - 18'x18'

48+04.30
EROSION REPAIR
FILL AND COMPACT TO 90%

MATCHLINE (STATION 61+00)
SEE SHEET 9

STATION 49+50 TO STATION 61+00

PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	500.00'	64.51'	7°23'32"

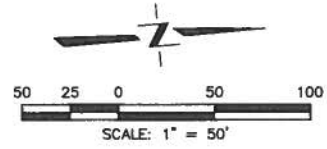
NOTES:

- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
- TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

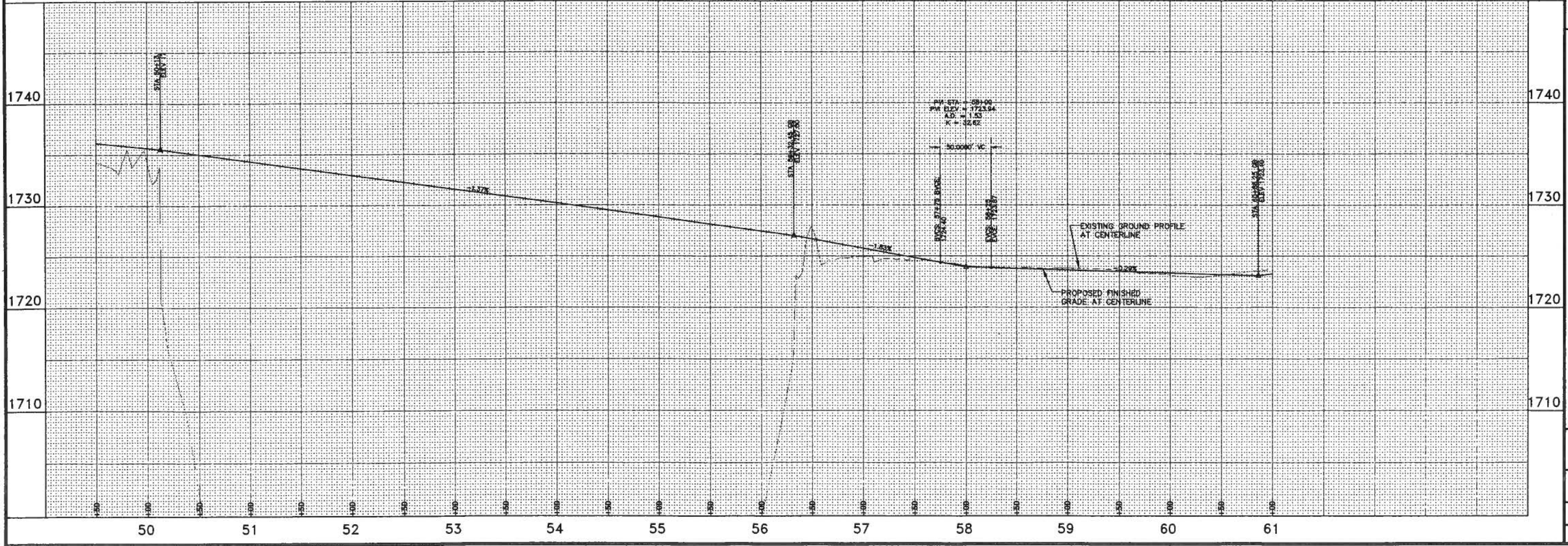
KEYNOTES:

- ⑪ WEBER CREEK BRIDGE. SEE SHEETS S1-S6 FOR BRIDGE PLANS.
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑲ INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.

±STA. 57+00 TO ±STA. 84+00
AGGREGATE BORROW AREA
REFER TO GEOTECHNICAL REPORT PREPARED BY GEOCON
(PROJECT #S8275-06-01, DECEMBER 2007)
AND PROJECT SPECIFICATIONS



DATE SIGNED: 6-11-08
THESE DRAWINGS ARE NOT
CONSIDERED FINAL UNTIL THE
ENGINEER'S SEAL BELOW HAS BEEN
SIGNED AND DATED.



DESIGNED BY: CK	BY: APPD.	REVISIONS:	NO.	DATE
DRAWN BY: SM				
CHECKED BY: SG				
SCALE				
HORIZ 1"=50'				
VERT 1"=5'				

CEWEST.COM

Project Planning & Civil Engineering & Landscape Architecture

in Sacramento Office
2120 20th Street, Suite Three
Sacramento, CA 95818
(916) 455-2025

in Corporate Office
2940 Spafford Street, Suite 200
Davis, CA 95618
(530) 758-2026

EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 49+50.00 TO STA. 61+00.00
EL DORADO COUNTY CALIFORNIA

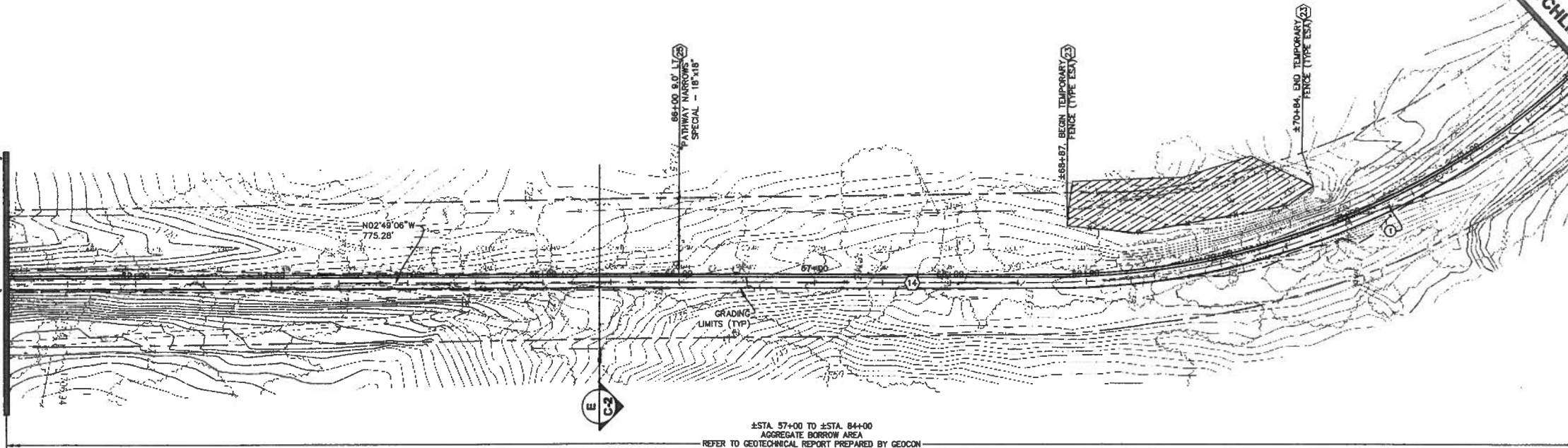
SHEET
C8
OF
27

DATE: 06/09/08

JOB NO: 939.03

SEE SHEET 8
MATCHLINE (STATION 61+00)

MATCHLINE (STATION 73+00)
SEE SHEET 10



±STA. 57+00 TO ±STA. 84+00
AGGREGATE BORROW AREA
REFER TO GEOTECHNICAL REPORT PREPARED BY GECON
(PROJECT #59275-06-01, DECEMBER 2007)
AND PROJECT SPECIFICATIONS

STATION 61+00 TO STATION 73+00

PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	570.00'	424.72'	42°41'34"

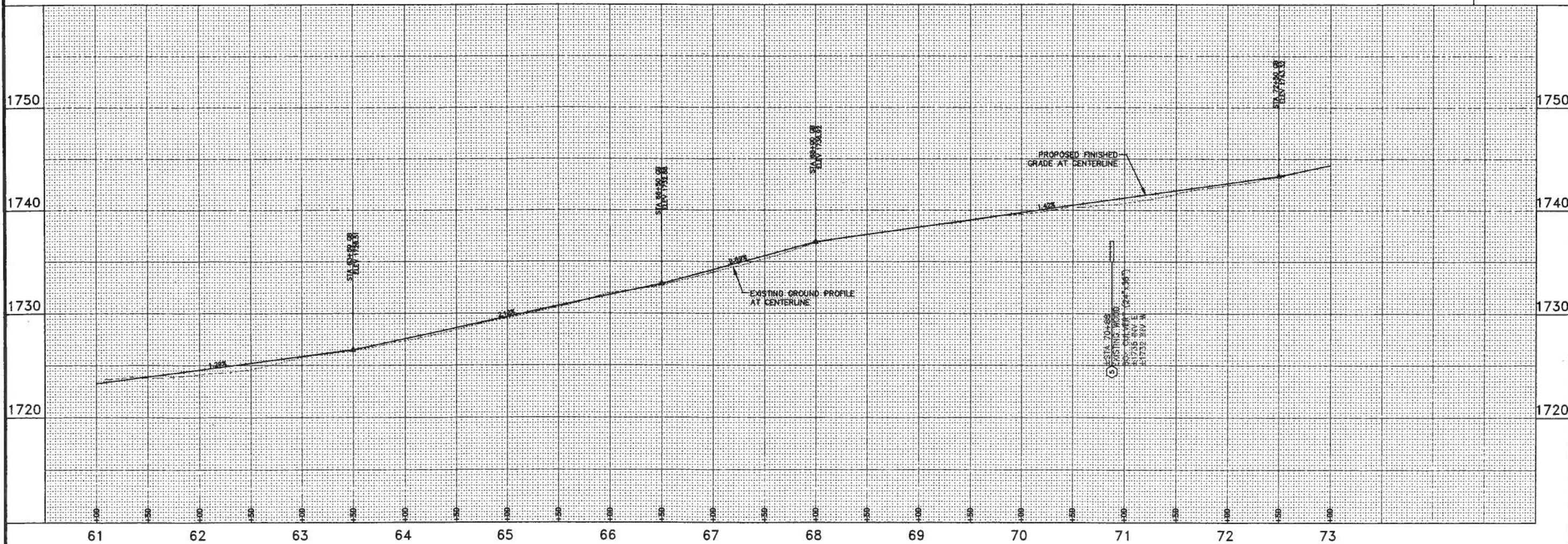
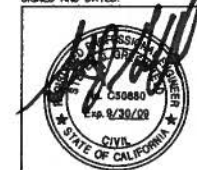
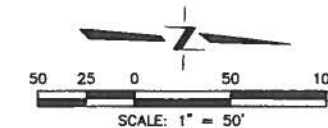
NOTES:

- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
- TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

KEYNOTES:

- ⑤ EXISTING CULVERT TO REMAIN.
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑳ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.
- ㉑ INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.

DATE SIGNED: 6-11-08
THESE DRAWINGS ARE NOT
CONSIDERED FINAL UNTIL THE
ENGINEER'S SEAL BELOW HAS BEEN
SIGNED AND DATED.



DESIGNED BY: CK	DRAWN BY: SM	CHECKED BY: SG	SCALE: HORIZ 1"=50' VERT 1"=5'
NO.	DATE	REVISIONS	BY

CECWEST.COM

Project Planning & Civil Engineering & Landscape Architecture

Corporate Office
 2940 Spafford Street, Suite 200
 Davis, CA 95618
 (530) 586-2026

Sacramento Office
 2120 20th Street, Suite Three
 Sacramento, CA 95818
 (916) 455-2026

CUNNINGHAM ENGINEERS
 CIVIL ENGINEERS

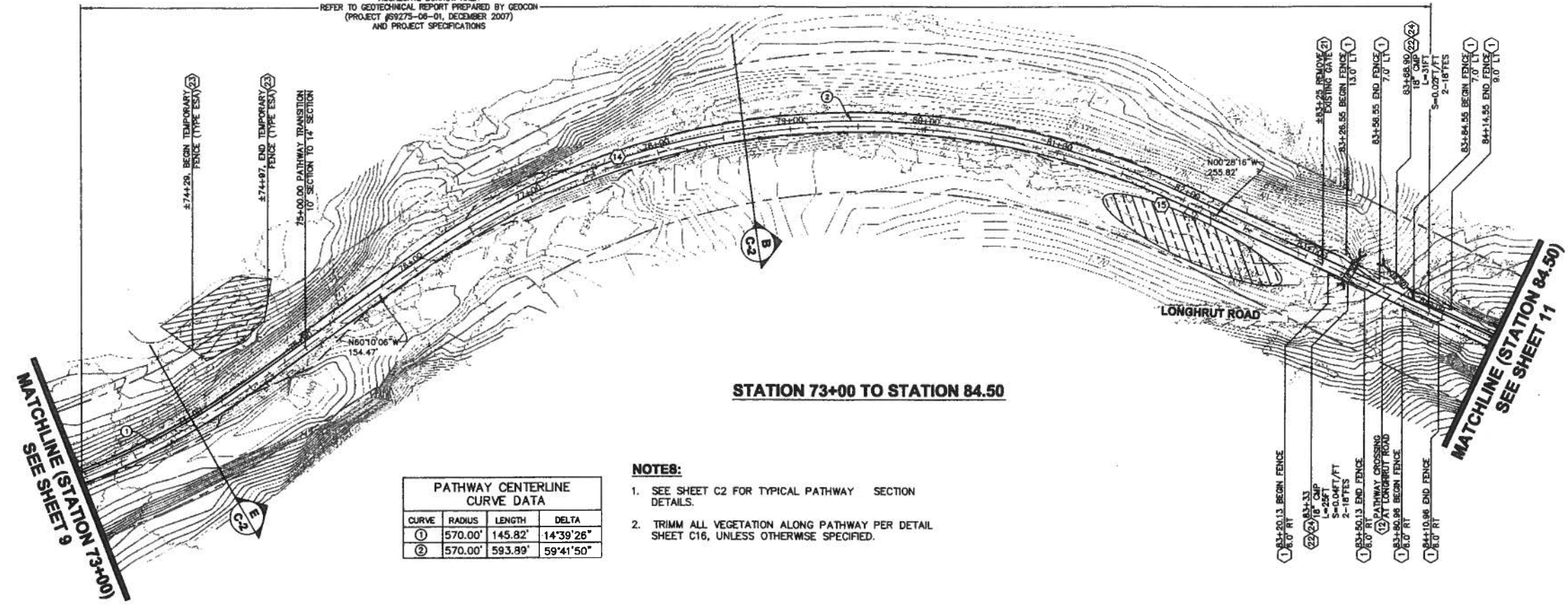
EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 61+00.00 TO STA. 73+00.00
 EL DORADO COUNTY CALIFORNIA

SHEET
C9
 OF
27

DATE: 06/09/08

JOB NO: 939.03

±STA. 57+00 TO ±STA. 84+00
 AGGREGATE BORROW AREA
 REFER TO GEOTECHNICAL REPORT PREPARED BY GECON
 (PROJECT #59275-06-01, DECEMBER 2007)
 AND PROJECT SPECIFICATIONS



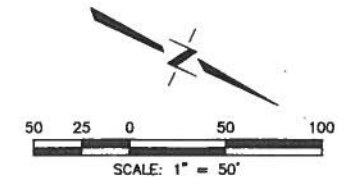
STATION 73+00 TO STATION 84.50

PATHWAY CENTERLINE CURVE DATA

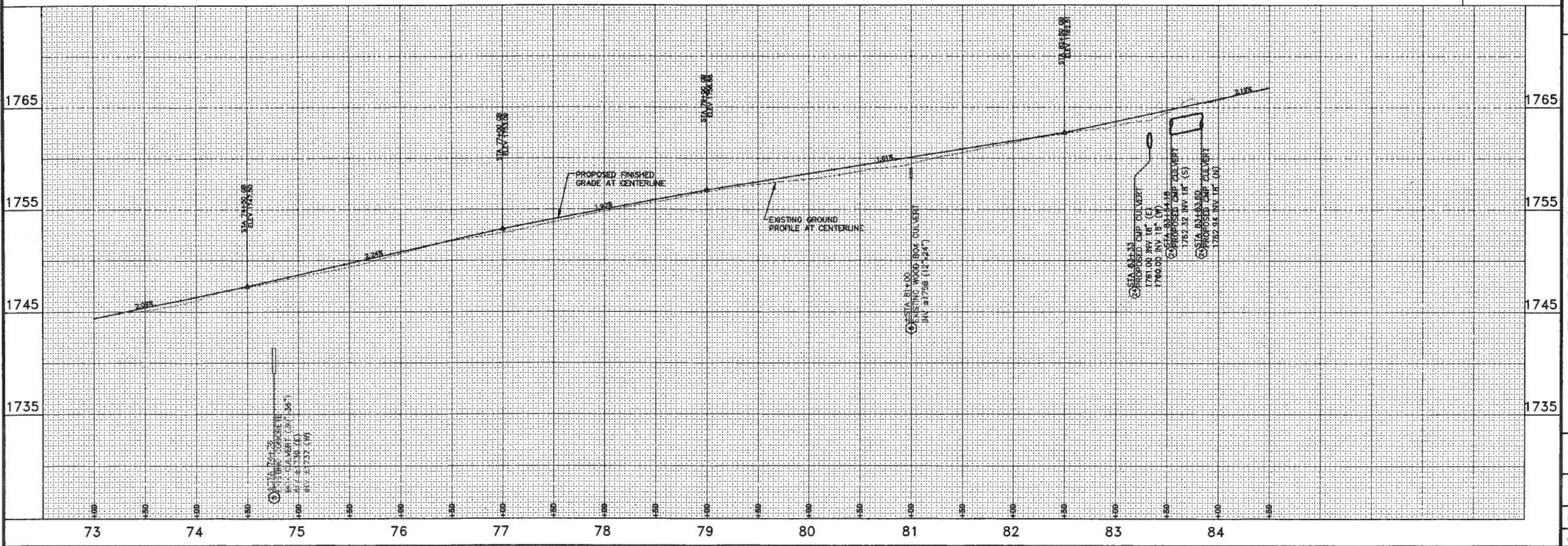
CURVE	RADIUS	LENGTH	DELTA
①	570.00'	145.82'	14°39'26"
②	570.00'	593.89'	59°41'50"

- NOTES:**
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - TRIMM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

- KEYNOTES:**
- 4' SIMULATED WOOD FENCE. SEE DETAIL SHEET C18.
 - EXISTING CULVERT TO REMAIN.
 - PATHWAY CROSSING AT LONGHRUT ROAD. SEE DETAIL SHEET C18 FOR SIGNING AND STRIPING.
 - PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
 - CONTRACTOR STAGING AREA.
 - REMOVE EXISTING GATE AND APPURTENANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
 - CONSTRUCT ROCK SLOPE PROTECTION (BACKING NO.2 METHOD B) TO LIMITS SHOWN.
 - INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATIONS WITH PROJECT BIOLOGIST.
 - INSTALL NEW CMP AND FLARED END SECTIONS AS SHOWN.



DATE SIGNED: 6/11/09
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK
 DRAWN BY: SM
 CHECKED BY: SQ
 SCALE: HORIZ 1"=50'
 VERT 1"=5'

CECWEST.COM
 Project Planning & Civil Engineering & Landscape Architecture
 Sacramento Office
 220 20th Street, Suite Three
 Sacramento, CA 95816
 (916) 455-2026

Project Planning & Civil Engineering & Landscape Architecture
 Sacramento Office
 240 Spalding Street, Suite 200
 Davis, CA 95618
 (530) 756-2026

STATE OF CALIFORNIA
 CIVIL ENGINEER
 Exp. 12/31/08

CUNNINGHAM ENGINEERS

EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 73+00.00 TO STA. 84+50.00

EL DORADO COUNTY CALIFORNIA

SHEET **C10**
 OF **27**

DATE: 06/09/08
 JOB NO: 939.03

SEE SHEET 10
MATCHLINE (STATION 84+50)

SEE SHEET 12
MATCHLINE (STATION 97+50)

PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	578.00'	1239.48'	122°52'00"

KEYNOTES:

- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑵ REMOVE EXISTING GATE AND APPURTENANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
- ⑶ INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.

NOTES:

- 1. SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
- 2. TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

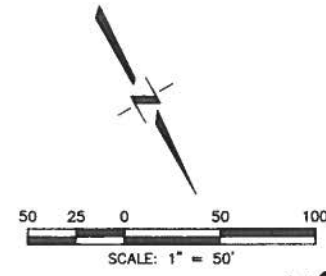
⑵ REMOVE EXISTING GATE

C2

87+50.00 PATHWAY TRANSITION
1" SECTION TO 10' SECTION

88+00 7.0' RT
PATHWAY NARROWS
SPECIAL - 18" X 18"

C2

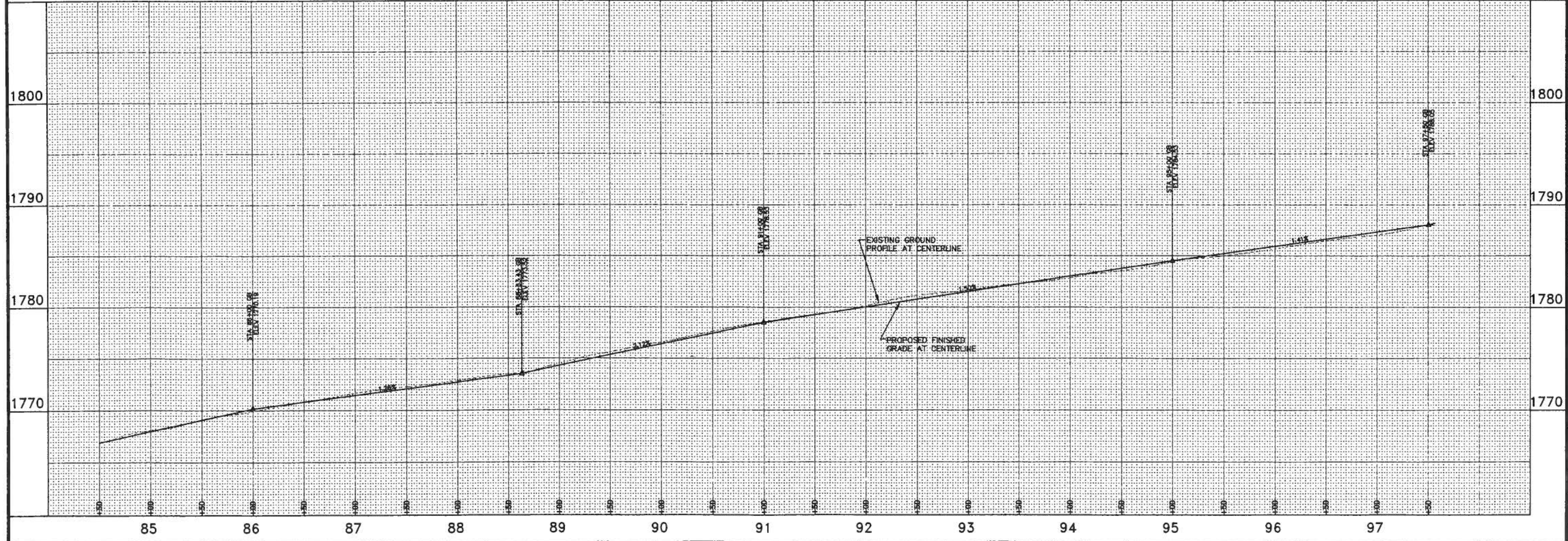


DATE SIGNED: 6-11-08
THESE DRAWINGS ARE NOT
CONSIDERED FINAL UNTIL THE
ENGINEER'S SEAL BELOW HAS BEEN
SIGNED AND DATED.



± STA. 87+50 TO ± STA. 89+50
AGGREGATE BORROW AREA
REFER TO GEOTECHNICAL REPORT PREPARED BY GECON
(PROJECT #09275-06-01, DECEMBER 2007)
AND PROJECT SPECIFICATIONS

STATION 84+50 TO STATION 97+50



DESIGNED BY: CK
DRAWN BY: SM
CHECKED BY: SG
SCALE: HORIZ 1"=50'
VERT 1"=5'

NO. DATE REVISIONS BY APPD.

CECWEST.COM
Project Planning = Civil Engineering = Landscape Architecture
Corpus Office
2940 Spafford Street, Suite 200
Davis, CA 95618
5301 758-2026
Sacramento Office
2700 20th Street, Suite Three
Sacramento, CA 95818
(916) 455-2026

EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 84+50.00 TO STA. 97+50.00

SHEET
C11
OF
27

DATE: 06/09/08
JOB NO: 939.03

EL DORADO COUNTY CALIFORNIA

DESIGNED BY: CK
 DRAWN BY: SM
 CHECKED BY: SG
 SCALE: 1"=50'
 HORIZ 1"=50'
 VERT 1"=5'

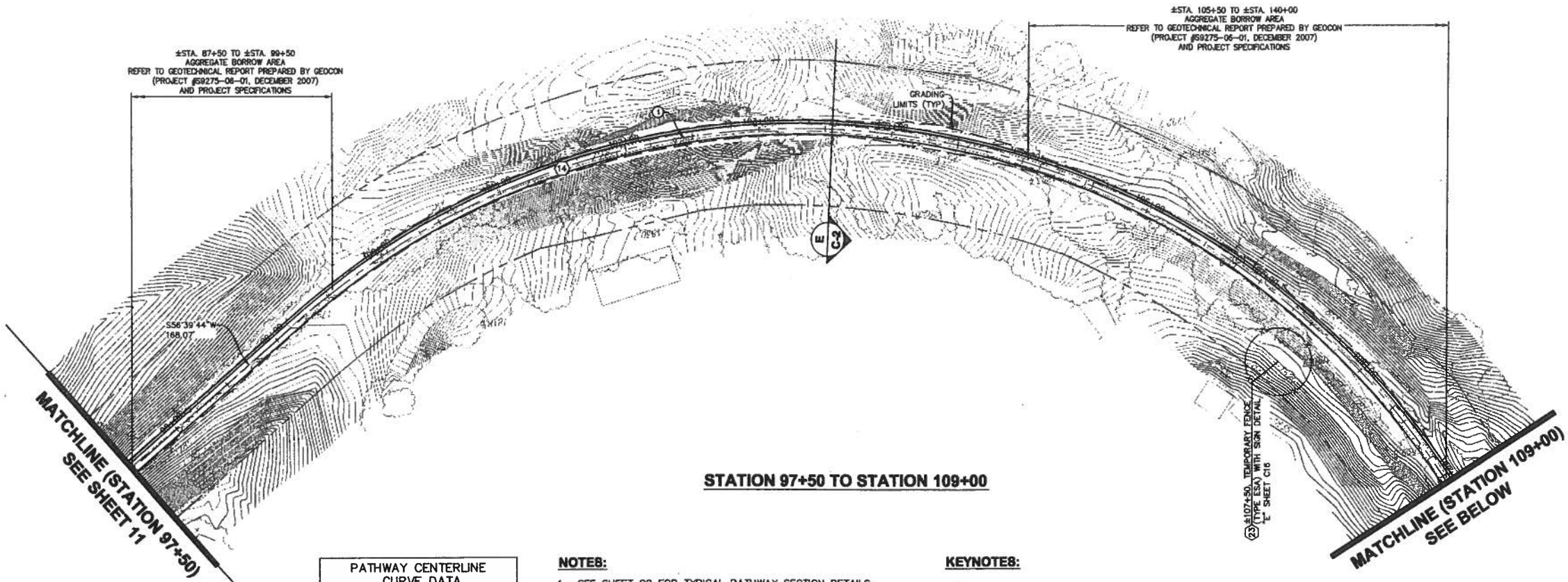
NO.	DATE	REVISIONS	BY	APPD.

CECWEST.COM
 Project Planning a Civil Engineering & Landscape Architecture
 a Sacramento Office
 2720 20th Street, Suite Three
 Sacramento, CA 95818
 (916) 455-7026



EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 97+50.00 TO STA. 109+00.00
 EL DORADO COUNTY CALIFORNIA

SHEET
C12
 OF
27
 DATE: 06/09/08
 JOB NO: 939.03



±STA. 87+50 TO ±STA. 99+50
 AGGREGATE BORROW AREA
 REFER TO GEOTECHNICAL REPORT PREPARED BY GEOCON
 (PROJECT #59275-06-01, DECEMBER 2007)
 AND PROJECT SPECIFICATIONS

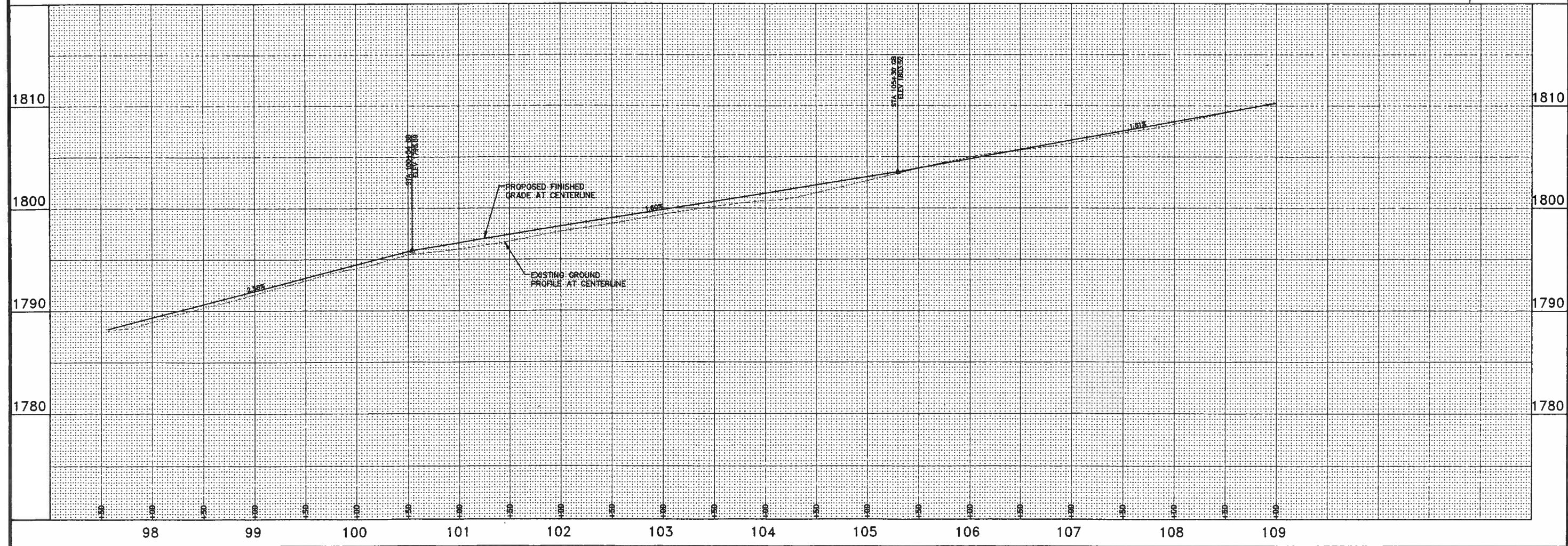
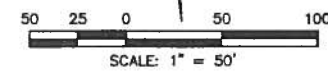
±STA. 105+50 TO ±STA. 140+00
 AGGREGATE BORROW AREA
 REFER TO GEOTECHNICAL REPORT PREPARED BY GEOCON
 (PROJECT #59275-06-01, DECEMBER 2007)
 AND PROJECT SPECIFICATIONS

PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	575.00'	981.93'	97°50'38"

- NOTES:**
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

- KEYNOTES:**
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
 - ⑳ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.

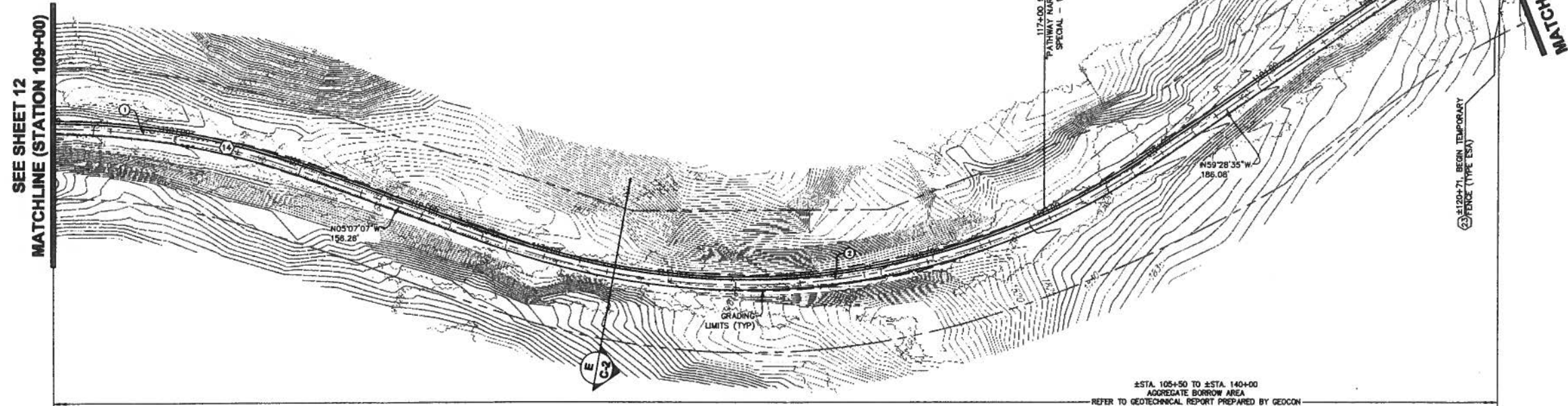
DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT
 CONSIDERED FINAL UNTIL THE
 ENGINEER'S SEAL BELOW HAS BEEN
 SIGNED AND DATED.



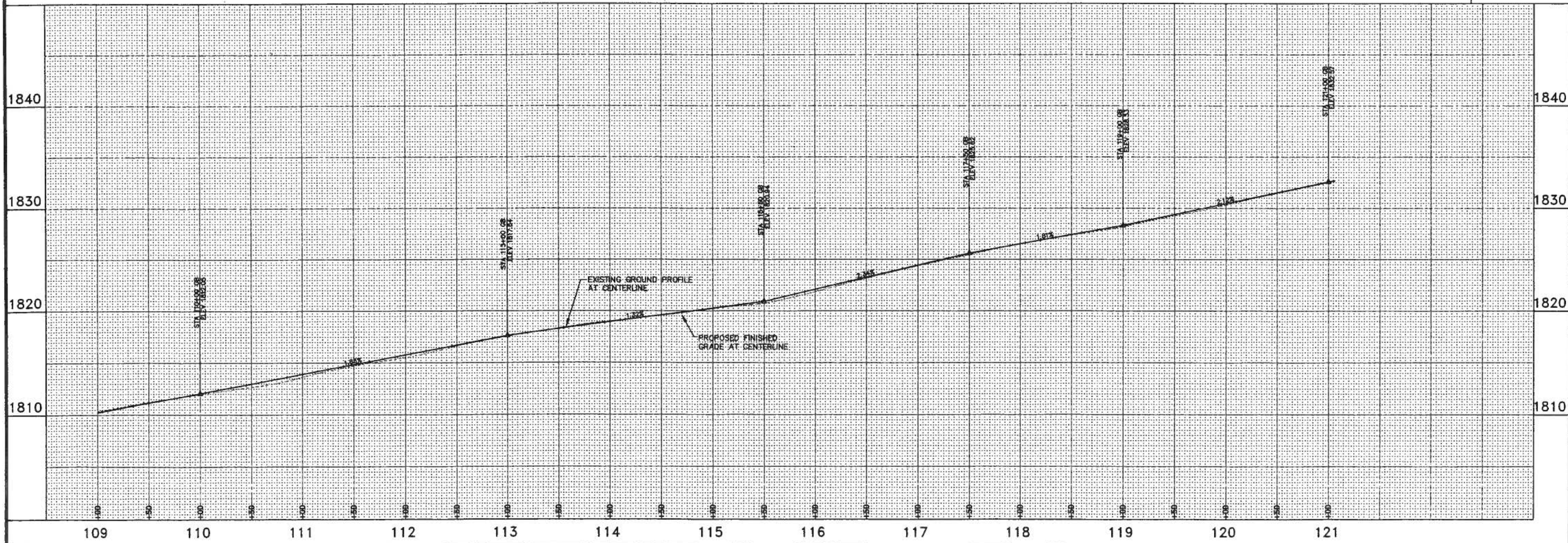
PATHWAY CENTERLINE CURVE DATA			
CURVE	RADIUS	LENGTH	DELTA
①	575.00'	204.48'	20°22'31"
②	565.00'	536.03'	54°21'28"
③	570.00'	117.16'	11°46'35"

- NOTES:**
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

- KEYNOTES:**
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
 - ⑳ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.
 - ㉓ INSTALL SIGN AS NOTED AND PER SIGN DETAIL "D" SHEET C16.



STATION 109+00 TO STATION 121+00



DESIGNED BY: CK	APPROVED BY:	NO.	DATE	REVISIONS
DRAWN BY: SM	BY:			
CHECKED BY: SG				
SCALE: HORIZ 1"=50'				
VERT 1"=5'				

CECWEST.COM
Project Planning & Civil Engineering & Landscape Architecture
Sacramento Office
220 20th Street, Suite Three
Sacramento, CA 95816
(916) 435-2026

DATE DIGNED: 6-11-08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

STATE OF CALIFORNIA
CIVIL ENGINEER
1/30/08

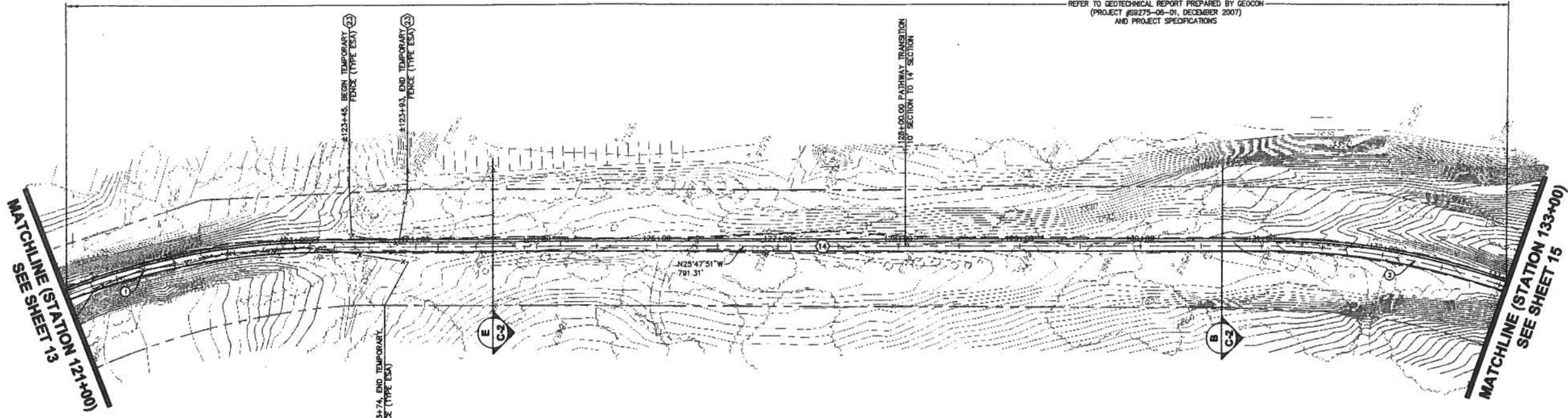
EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
STA. 109+00.00 TO STA. 121+00.00

SHEET C13 OF 27

DATE: 06/09/08
JOB NO: 939.03

EL DORADO COUNTY CALIFORNIA

±STA. 105+50 TO ±STA. 140+00
 AGGREGATE BORROW AREA
 REFER TO GEOTECHNICAL REPORT PREPARED BY GEOCON
 (PROJECT #0275-06-01, DECEMBER 2007)
 AND PROJECT SPECIFICATIONS



STATION 121+00 TO STATION 133+00

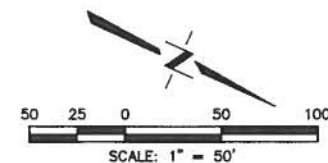
PATHWAY CENTERLINE CURVE DATA		
CURVE	RADIUS	DELTA
①	570.00'	217.90'
②	580.00'	190.80'

NOTES:

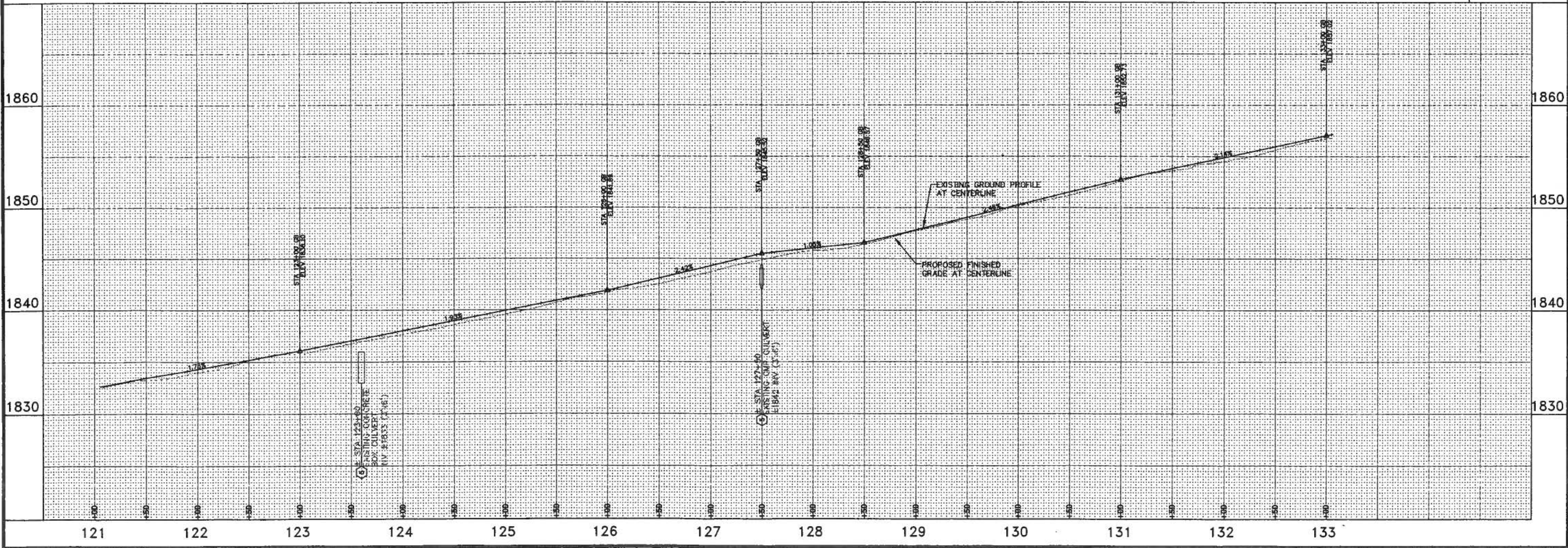
- SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
- TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.

KEYNOTES:

- ⑤ EXISTING CULVERT TO REMAIN.
- ⑭ PATHWAY CENTERLINE STRIPING (TYP.) SEE DETAIL SHEET C16.
- ⑳ INSTALL TEMPORARY FENCE (TYPE ESA) TO LIMITS SHOWN. SEE PROJECT SPECIFICATIONS. CONFIRM LOCATION WITH PROJECT BIOLOGIST.



DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK
 DRAWN BY: SIM
 CHECKED BY: SG
 SCALE: HORIZ 1"=50'
 VERT 1"=5'

NO. DATE REVISIONS BY APPD.

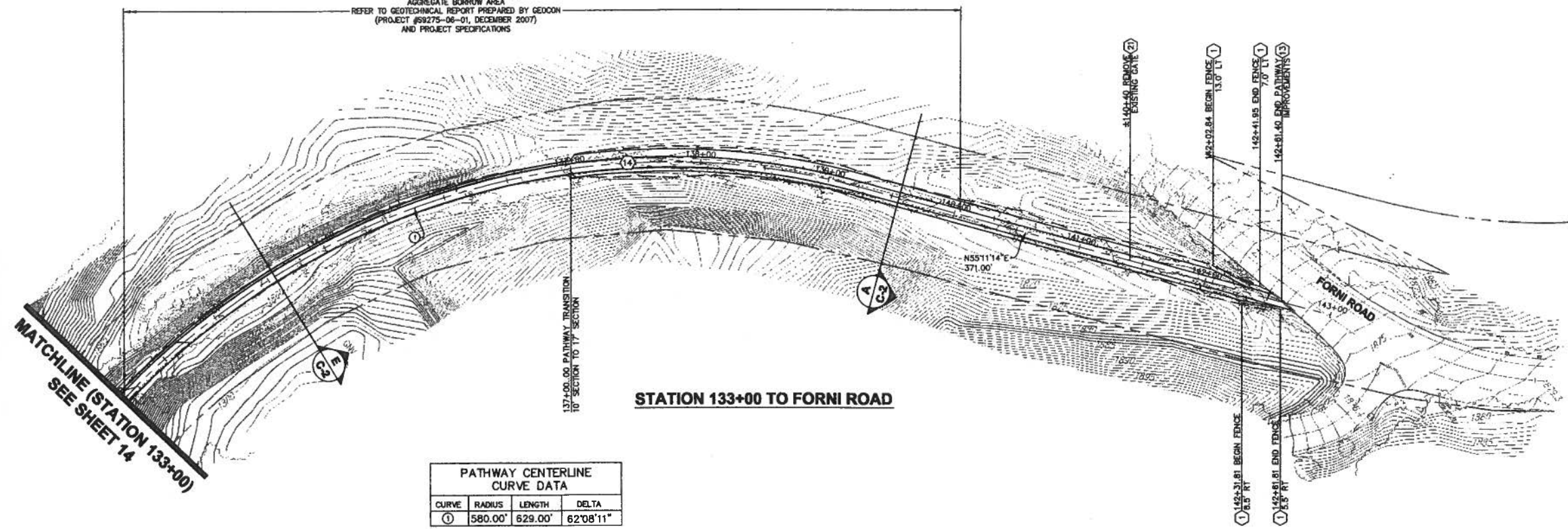
CECWEST.COM
 Project Planning = Civil Engineering = Landscape Architecture
 Sacramento Office
 2120 90th Street, Suite 300
 Sacramento, CA 95838
 (916) 455-7026

EL DORADO TRAIL
 SPTC FORNI RD TO MISSOURI FLAT RD
 STA. 121+00.00 TO STA 133+00.00
 CALIFORNIA

SHEET C14 OF 27

DATE: 06/09/08
 JOB NO: 939.03

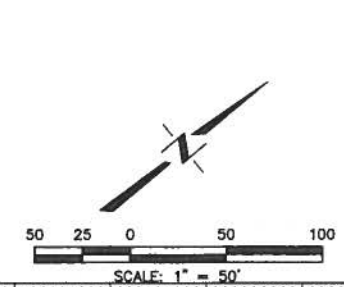
±STA. 105+50 TO ±STA. 140+00
 AGGREGATE BORROW AREA
 REFER TO GEOTECHNICAL REPORT PREPARED BY GEDCON
 (PROJECT #S9275-06-01, DECEMBER 2007)
 AND PROJECT SPECIFICATIONS



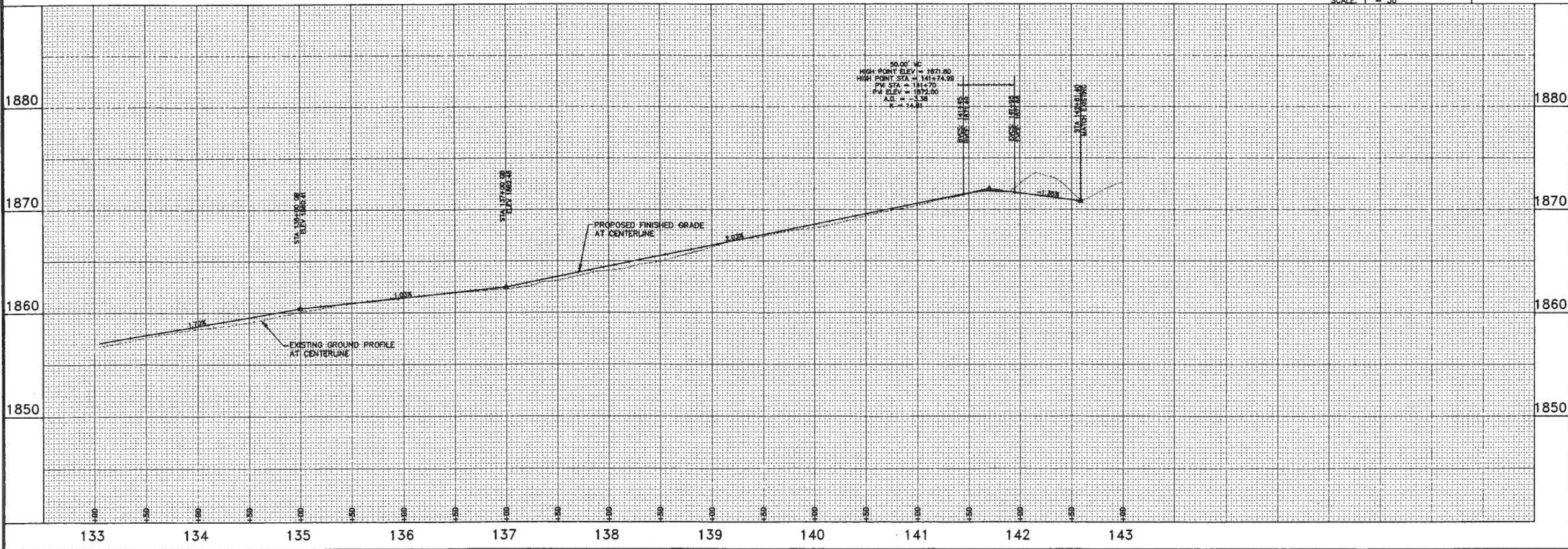
**PATHWAY CENTERLINE
 CURVE DATA**

CURVE	RADIUS	LENGTH	DELTA
①	580.00'	629.00'	62°08'11"

- KEYNOTES:**
- ① 4' SIMULATED WOOD FENCE. SEE DETAIL SHEET C18.
 - ⑬ PATHWAY INTERFACE WITH FORNI ROAD. SEE DETAIL SHEET C17 FOR SIGNING AND STRIPING.
 - ⑭ PATHWAY CENTERLINE STRIPING. SEE DETAIL SHEET C16.
 - ⑰ REMOVE EXISTING GATE AND APPURTENANCES. CONTRACTOR SAHLL BE RESPONSIBLE FOR DISPOSAL OF MATERIAL.
- NOTES:**
- 1. SEE SHEET C2 FOR TYPICAL PATHWAY SECTION DETAILS.
 - 2. TRIM ALL VEGETATION ALONG PATHWAY PER DETAIL SHEET C16, UNLESS OTHERWISE SPECIFIED.



DATE SIGNED: 6-11-09
 THESE DRAWINGS ARE NOT
 CONSIDERED FINAL UNTIL THE
 ENGINEER'S SEAL BELOW HAS BEEN
 SIGNED AND DATED.



DESIGNED BY: CK
 DRAWN BY: SM
 CHECKED BY: SC
 SCALE: 1"=50'
 VERT 1"=5'

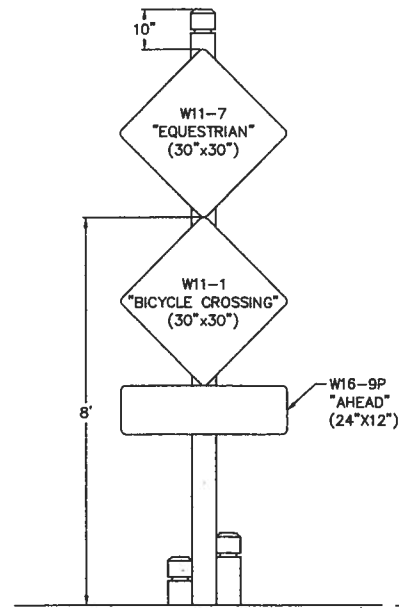
CECNEST.COM
 Project Planning = Civil Engineering = Landscape Architecture
 Sacramento Office
 200 7th Street, Suite Three
 Sacramento, CA 95816
 (916) 455-2026

EL DORADO TRAIL
 SPTC FORNI RD TO MISSOURI FLAT RD
 STA. 133+00.00 TO FORNI ROAD

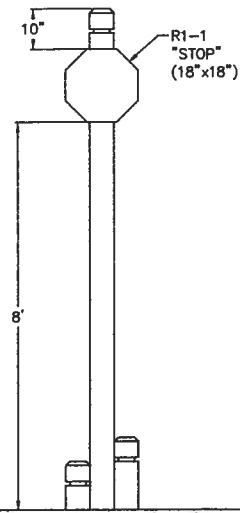
SHEET
C15
 OF
27

DATE: 06/09/08
 JOB NO: 939.03

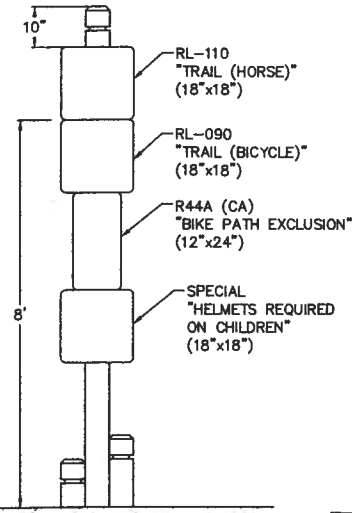
EL DORADO COUNTY CALIFORNIA



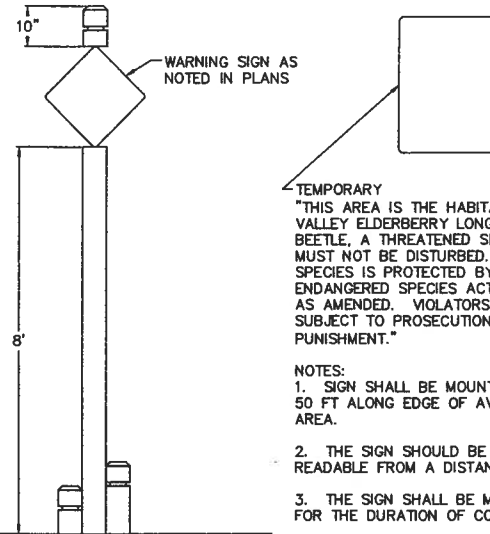
SIGN DETAIL "A"
HORSE/BIKE PATHWAY
CROSSING
SCALE: 1"=2'



SIGN DETAIL "B"
PATHWAY STOP SIGN
SCALE: 1"=2'



SIGN DETAIL "C"
HORSE/BIKE PATHWAY
DESIGNATION SIGNING
SCALE: 1"=2'



SIGN DETAIL "D"
WARNING SIGNAGE
SCALE: 1"=2'

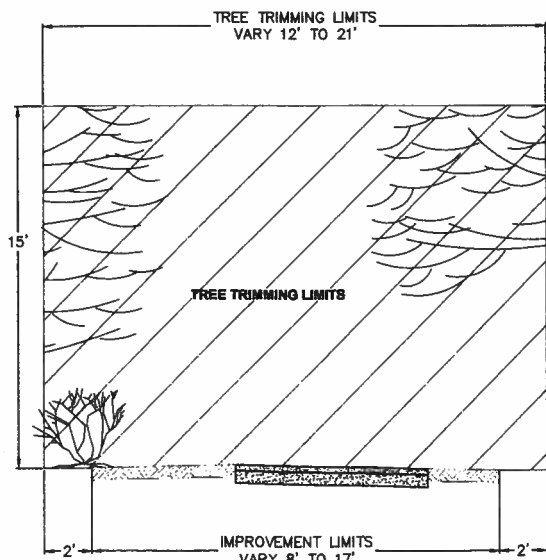
TEMPORARY
"THIS AREA IS THE HABITAT OF THE VALLEY ELDERBERRY LONGHORN BEETLE, A THREATENED SPECIES AND MUST NOT BE DISTURBED. THIS SPECIES IS PROTECTED BY THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED. VIOLATORS ARE SUBJECT TO PROSECUTION, FINES AND PUNISHMENT."

NOTES:
1. SIGN SHALL BE MOUNTED EVERY 50 FT ALONG EDGE OF AVOIDANCE AREA.
2. THE SIGN SHOULD BE CLEARLY READABLE FROM A DISTANCE OF 20FT.
3. THE SIGN SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

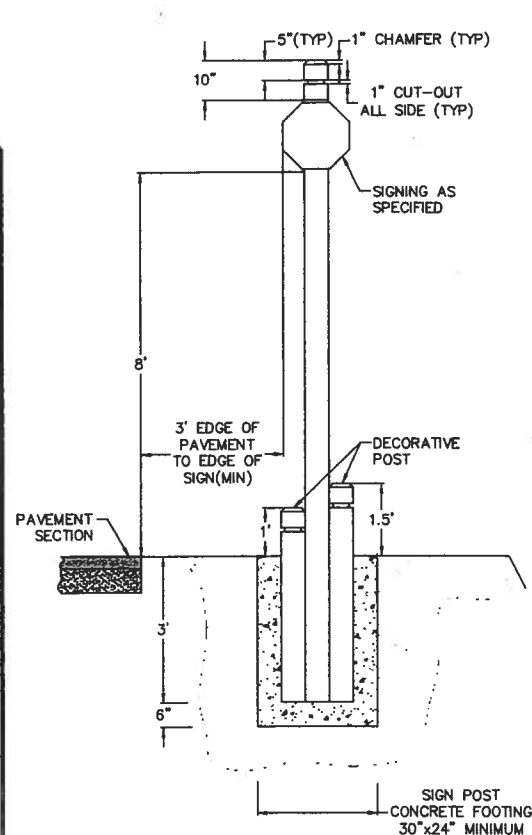
SIGN DETAIL "E"
ESA SIGNAGE
SCALE: 1"=2'

NOTES:

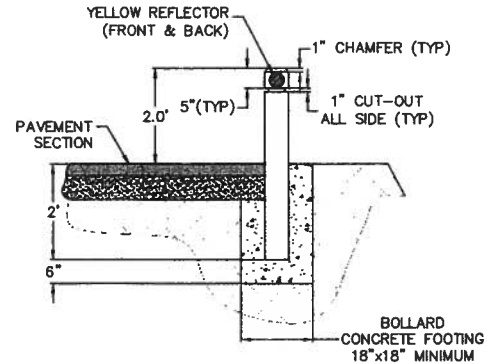
- ALL SIGNS SHALL BE INSTALLED AND CREATED PER THE 2006 CALIFORNIA MUTCD.
- ALL POSTS (SIGNS & BOLLARDS) SHALL BE 6"x6" PRESSURE TREATED DOUGLAS FIR.



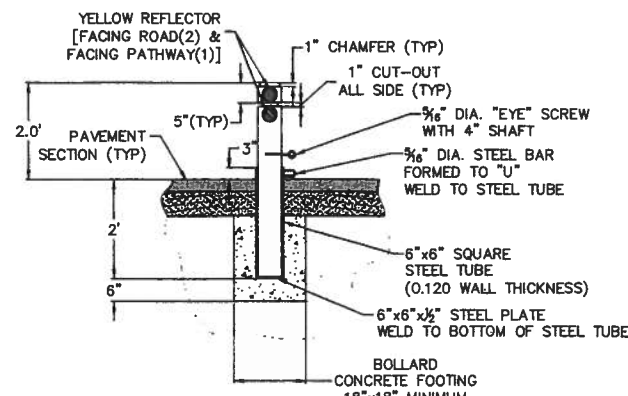
TREE TRIMMING DETAIL
SCALE: 1"=4'



SIGN POST DETAIL
SCALE: 1"=2'



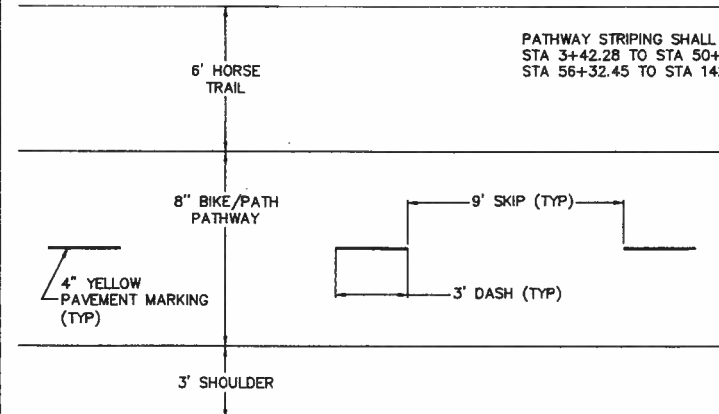
EDGE BOLLARD DETAIL
SCALE: 1"=2'



REMOVABLE CENTER BOLLARD DETAIL
SCALE: 1"=2'

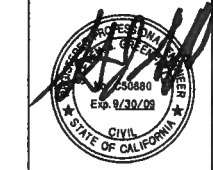
VERTICAL CURVE LEGEND

A VERTICAL CURVE A HIGH POINT ELEV = 1771.12 LOW POINT STA = 28+85.37 PVI STA = 28+85.87 PVI ELEV = 1771.12 A.D. = -3.11 K = 0.97 LENGTH = 3'	K VERTICAL CURVE K HIGH POINT ELEV = 1783.19 LOW POINT STA = 30+70.21 PVI STA = 30+68.71 PVI ELEV = 1783.19 A.D. = -8.33 K = 0.36 LENGTH = 3'	U VERTICAL CURVE U LOW POINT ELEV = 1775.75 HIGH POINT STA = 34+02.50 PVI STA = 34+01 PVI ELEV = 1775.75 A.D. = 8.33 K = 0.36 LENGTH = 3'	EE VERTICAL CURVE EE LOW POINT ELEV = 1765.29 HIGH POINT STA = 36+17.50 PVI STA = 36+16 PVI ELEV = 1765.29 A.D. = 8.33 K = 0.36 LENGTH = 3'
B VERTICAL CURVE B LOW POINT ELEV = 1771.12 HIGH POINT STA = 28+90.47 PVI STA = 28+91.97 PVI ELEV = 1771.12 A.D. = 8.37 K = 0.36 LENGTH = 3'	L VERTICAL CURVE L LOW POINT ELEV = 1783.19 HIGH POINT STA = 30+75.21 PVI STA = 30+76.71 PVI ELEV = 1783.19 A.D. = 3.98 K = 0.78 LENGTH = 3'	V VERTICAL CURVE V HIGH POINT ELEV = 1775.75 LOW POINT STA = 34+07.50 PVI STA = 34+08 PVI ELEV = 1775.75 A.D. = -0.84 K = 3.59 LENGTH = 3'	FF VERTICAL CURVE FF HIGH POINT ELEV = 1765.29 LOW POINT STA = 36+22.50 PVI STA = 36+24 PVI ELEV = 1765.29 A.D. = -0.83 K = 0.36 LENGTH = 3'
C VERTICAL CURVE C HIGH POINT ELEV = 1773.19 LOW POINT STA = 29+18.21 PVI STA = 29+19.71 PVI ELEV = 1773.19 A.D. = -8.37 K = 0.36 LENGTH = 3'	M VERTICAL CURVE M LOW POINT ELEV = 1785.00 HIGH POINT STA = 32+59.50 PVI STA = 32+58 PVI ELEV = 1785.00 A.D. = 3.45 K = 0.87 LENGTH = 3'	W VERTICAL CURVE W LOW POINT ELEV = 1775.29 HIGH POINT STA = 34+85.50 PVI STA = 34+84 PVI ELEV = 1775.29 A.D. = 0.84 K = 3.59 LENGTH = 3'	GG VERTICAL CURVE GG LOW POINT ELEV = 1762.79 HIGH POINT STA = 36+55.50 PVI STA = 36+54 PVI ELEV = 1762.79 A.D. = 8.33 K = 0.36 LENGTH = 3'
D VERTICAL CURVE D LOW POINT ELEV = 1773.19 HIGH POINT STA = 29+23.21 PVI STA = 29+24.71 PVI ELEV = 1773.19 A.D. = 8.33 K = 0.36 LENGTH = 3'	N VERTICAL CURVE N HIGH POINT ELEV = 1785.00 LOW POINT STA = 32+64.50 PVI STA = 32+66 PVI ELEV = 1785.00 A.D. = -8.33 K = 0.36 LENGTH = 3'	X VERTICAL CURVE X HIGH POINT ELEV = 1775.29 LOW POINT STA = 34+70.50 PVI STA = 34+72 PVI ELEV = 1775.29 A.D. = -8.33 K = 0.36 LENGTH = 3'	HH VERTICAL CURVE HH HIGH POINT ELEV = 1762.79 LOW POINT STA = 36+60.50 PVI STA = 36+62 PVI ELEV = 1762.79 A.D. = -8.33 K = 0.36 LENGTH = 3'
E VERTICAL CURVE E HIGH POINT ELEV = 1775.69 LOW POINT STA = 29+56.21 PVI STA = 29+57.71 PVI ELEV = 1775.69 A.D. = -8.33 K = 0.36 LENGTH = 3'	O VERTICAL CURVE O LOW POINT ELEV = 1782.50 HIGH POINT STA = 32+97.50 PVI STA = 32+96 PVI ELEV = 1782.50 A.D. = 8.33 K = 0.36 LENGTH = 3'	Y VERTICAL CURVE Y LOW POINT ELEV = 1772.79 HIGH POINT STA = 35+03.50 PVI STA = 35+02 PVI ELEV = 1772.79 A.D. = 8.33 K = 0.36 LENGTH = 3'	I VERTICAL CURVE I LOW POINT ELEV = 1760.29 HIGH POINT STA = 36+93.50 PVI STA = 36+92 PVI ELEV = 1760.29 A.D. = 8.33 K = 0.36 LENGTH = 3'
F VERTICAL CURVE F LOW POINT ELEV = 1775.69 HIGH POINT STA = 29+61.21 PVI STA = 29+62.71 PVI ELEV = 1775.69 A.D. = 8.33 K = 0.36 LENGTH = 3'	P VERTICAL CURVE P HIGH POINT ELEV = 1782.50 LOW POINT STA = 33+02.50 PVI STA = 33+04 PVI ELEV = 1782.50 A.D. = -8.33 K = 0.36 LENGTH = 3'	Z VERTICAL CURVE Z HIGH POINT ELEV = 1772.79 LOW POINT STA = 35+08.50 PVI STA = 35+10 PVI ELEV = 1772.79 A.D. = -8.33 K = 0.36 LENGTH = 3'	J VERTICAL CURVE J HIGH POINT ELEV = 1780.29 LOW POINT STA = 37+31.50 PVI STA = 37+30 PVI ELEV = 1780.29 A.D. = -8.33 K = 0.36 LENGTH = 3'
G VERTICAL CURVE G HIGH POINT ELEV = 1778.19 LOW POINT STA = 29+94.21 PVI STA = 29+92.71 PVI ELEV = 1778.19 A.D. = -8.33 K = 0.36 LENGTH = 3'	Q VERTICAL CURVE Q LOW POINT ELEV = 1780.00 HIGH POINT STA = 33+35.50 PVI STA = 33+34 PVI ELEV = 1780.00 A.D. = 8.33 K = 0.36 LENGTH = 3'	AA VERTICAL CURVE AA LOW POINT ELEV = 1770.29 HIGH POINT STA = 35+41.50 PVI STA = 35+40 PVI ELEV = 1770.29 A.D. = 8.33 K = 0.36 LENGTH = 3'	KK VERTICAL CURVE KK LOW POINT ELEV = 1757.79 HIGH POINT STA = 37+31.50 PVI STA = 37+30 PVI ELEV = 1757.79 A.D. = 8.33 K = 0.36 LENGTH = 3'
H VERTICAL CURVE H LOW POINT ELEV = 1778.19 HIGH POINT STA = 29+99.21 PVI STA = 30+00.71 PVI ELEV = 1778.19 A.D. = 8.33 K = 0.36 LENGTH = 3'	R VERTICAL CURVE R HIGH POINT ELEV = 1780.00 LOW POINT STA = 33+40.50 PVI STA = 33+42 PVI ELEV = 1780.00 A.D. = -8.33 K = 0.36 LENGTH = 3'	BB VERTICAL CURVE BB HIGH POINT ELEV = 1770.29 LOW POINT STA = 35+46.50 PVI STA = 35+48 PVI ELEV = 1770.29 A.D. = -8.33 K = 0.36 LENGTH = 3'	LL VERTICAL CURVE LL HIGH POINT ELEV = 1757.79 LOW POINT STA = 37+36.50 PVI STA = 37+38 PVI ELEV = 1757.79 A.D. = 5.01 K = 0.60 LENGTH = 3'
I VERTICAL CURVE I HIGH POINT ELEV = 1780.69 LOW POINT STA = 30+32.21 PVI STA = 30+30.71 PVI ELEV = 1780.69 A.D. = -8.33 K = 0.36 LENGTH = 3'	S VERTICAL CURVE S LOW POINT ELEV = 1777.50 HIGH POINT STA = 33+73.50 PVI STA = 33+72 PVI ELEV = 1777.50 A.D. = 8.33 K = 0.36 LENGTH = 3'	CC VERTICAL CURVE CC LOW POINT ELEV = 1767.79 HIGH POINT STA = 35+79.50 PVI STA = 35+78 PVI ELEV = 1767.79 A.D. = 8.33 K = 0.36 LENGTH = 3'	MM VERTICAL CURVE MM LOW POINT ELEV = 1755.29 HIGH POINT STA = 37+69.50 PVI STA = 37+68 PVI ELEV = 1755.29 A.D. = 8.33 K = 0.36 LENGTH = 3'
J VERTICAL CURVE J LOW POINT ELEV = 1780.69 HIGH POINT STA = 30+37.21 PVI STA = 30+38.71 PVI ELEV = 1780.69 A.D. = 8.33 K = 0.36 LENGTH = 3'	T VERTICAL CURVE T HIGH POINT ELEV = 1777.50 LOW POINT STA = 33+78.50 PVI STA = 33+80 PVI ELEV = 1777.50 A.D. = -8.33 K = 0.36 LENGTH = 3'	DD VERTICAL CURVE DD HIGH POINT ELEV = 1767.79 LOW POINT STA = 35+84.50 PVI STA = 35+86 PVI ELEV = 1767.79 A.D. = -8.33 K = 0.70 LENGTH = 3'	NN VERTICAL CURVE NN HIGH POINT ELEV = 1755.29 LOW POINT STA = 37+74.50 PVI STA = 37+76 PVI ELEV = 1755.29 A.D. = -4.26 K = 0.70 LENGTH = 3'



PATHWAY CENTERLINE STRIPING DETAIL
SCALE: 1"=2'

DATE SIGNED: 6/11/08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: CK
DRAWN BY: SM
CHECKED BY: SG
SCALE: AS NOTED

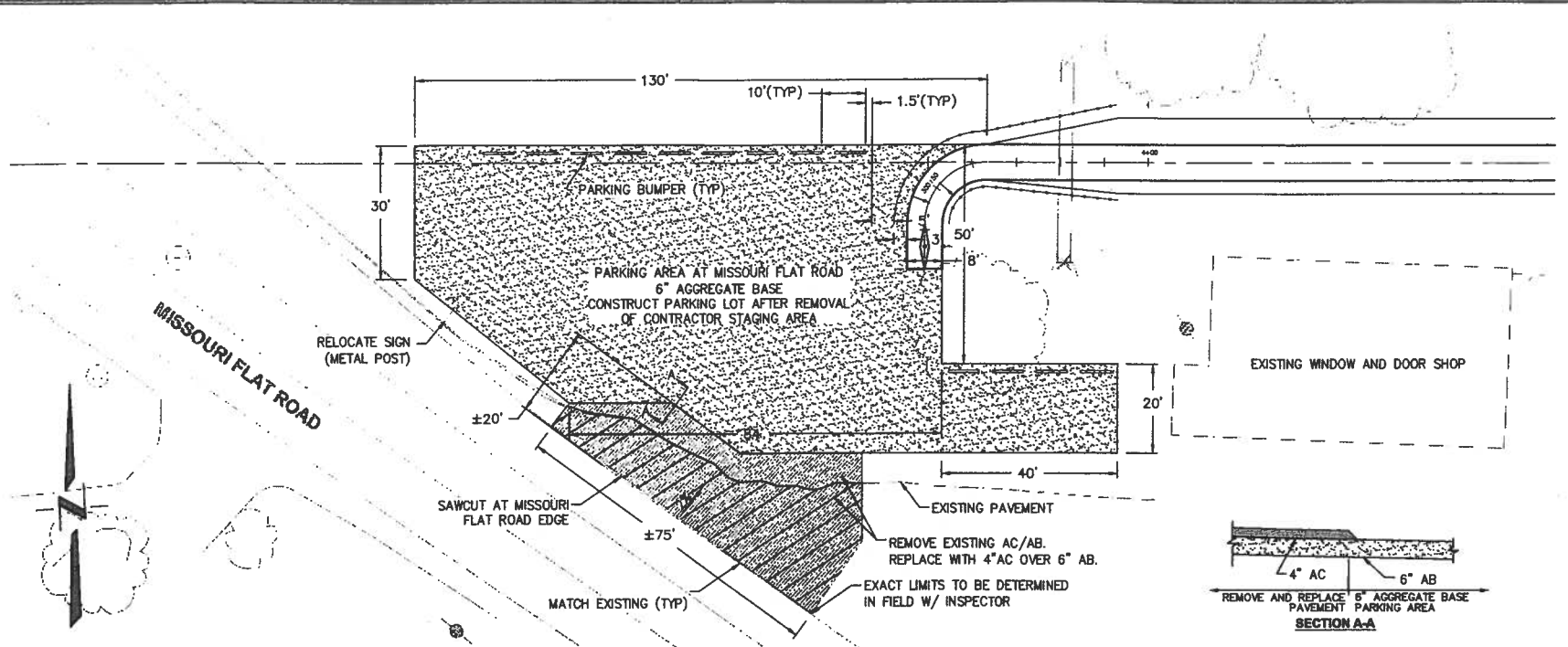
NO. DATE REVISIONS

CECWEST.COM
Project Planning & Civil Engineering & Landscape Architecture
2900 20th Street, Suite 200
Sacramento, CA 95818
(916) 455-2025

EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
DETAILS

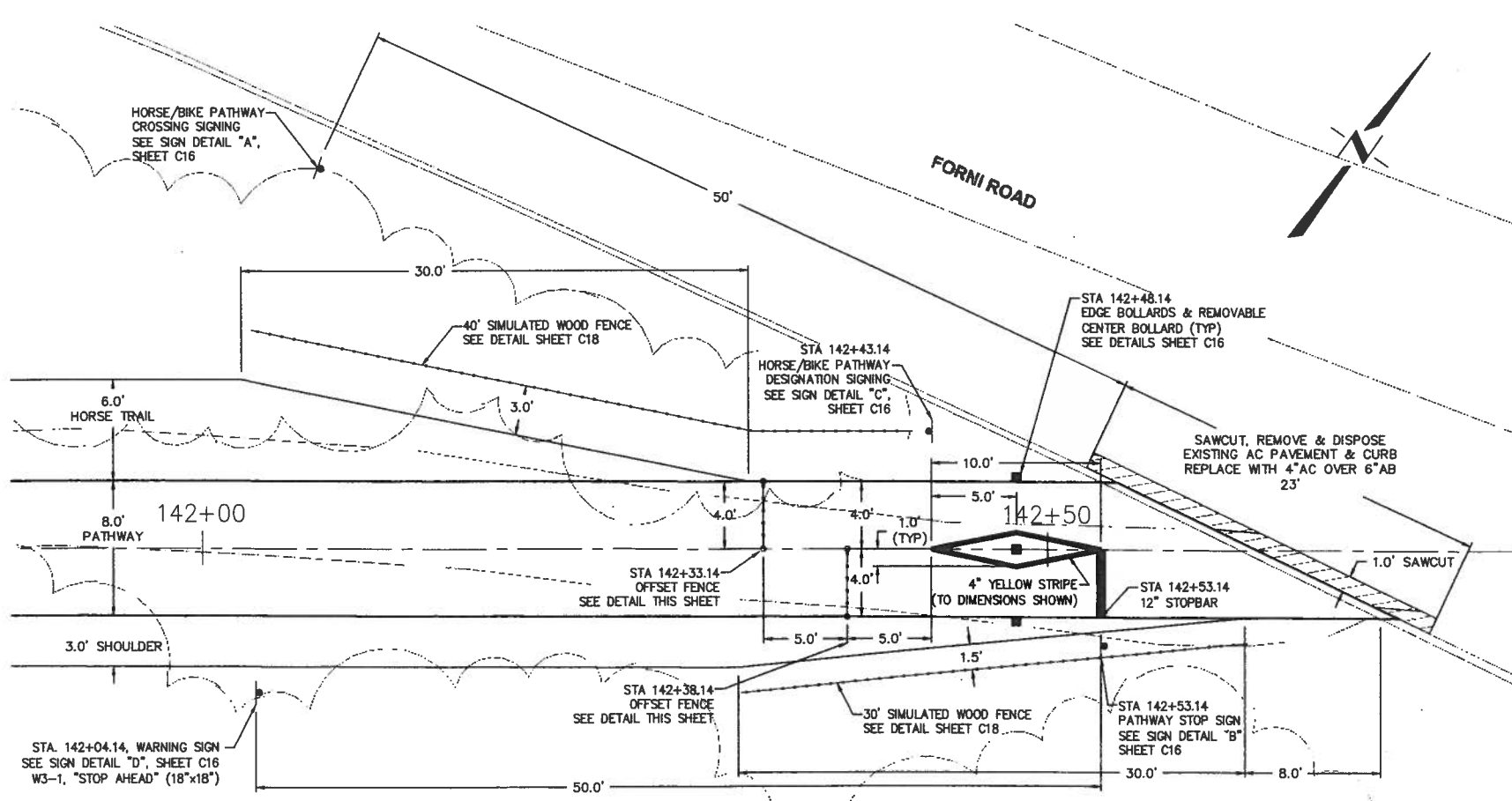
CALIFORNIA
EL DORADO COUNTY

SHEET
C16
OF
27
DATE: 06/09/08
JOB NO: 939.03



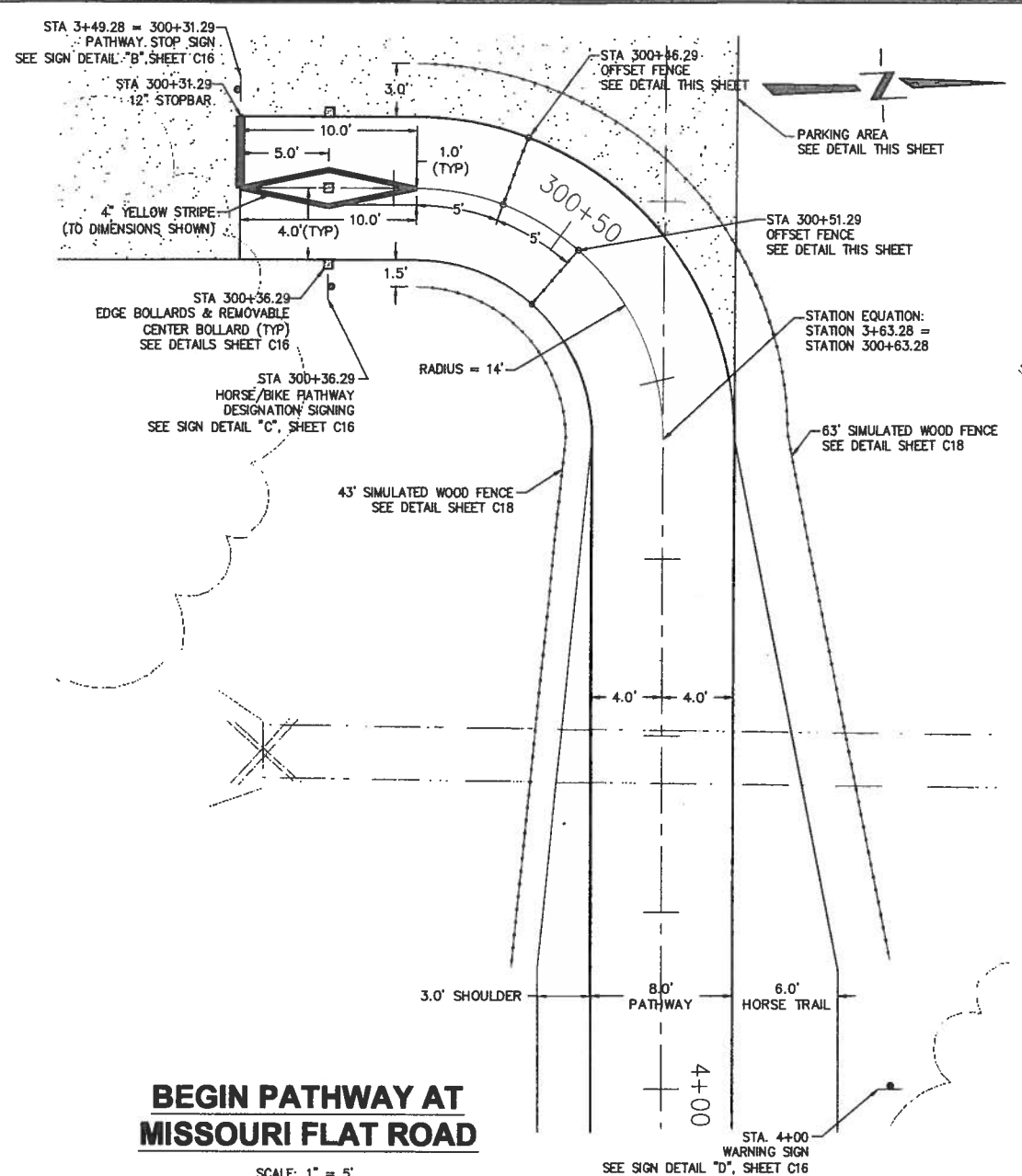
PARKING AREA AT MISSOURI FLAT ROAD

SCALE: 1" = 20'



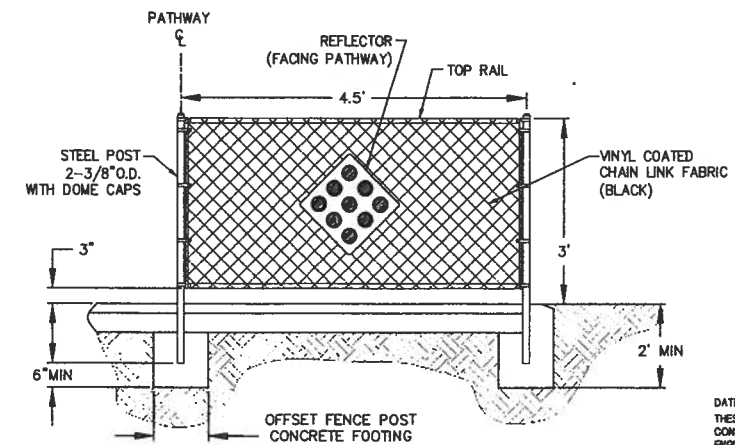
TYPICAL PATHWAY INTERFACE WITH FORNI ROAD

SCALE: 1" = 5'



BEGIN PATHWAY AT MISSOURI FLAT ROAD

SCALE: 1" = 5'

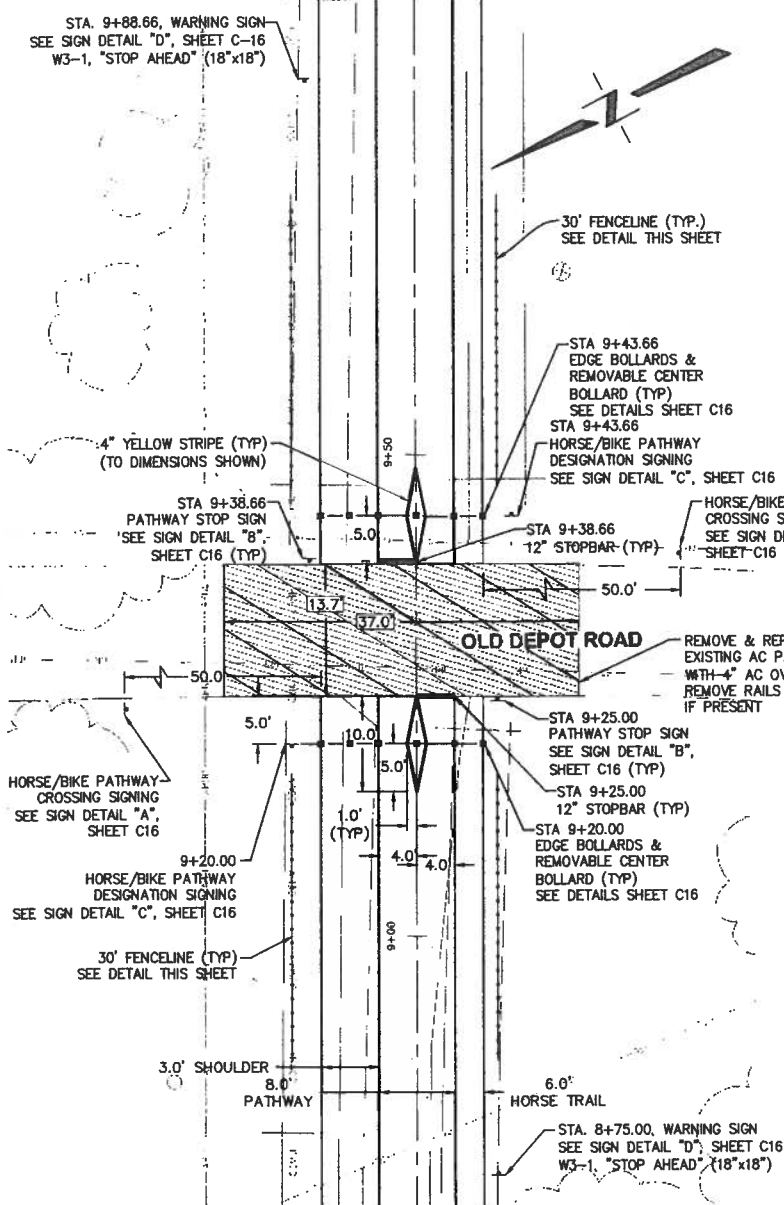


OFFSET FENCE DETAIL

DATE SIGNED: 6-11-08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

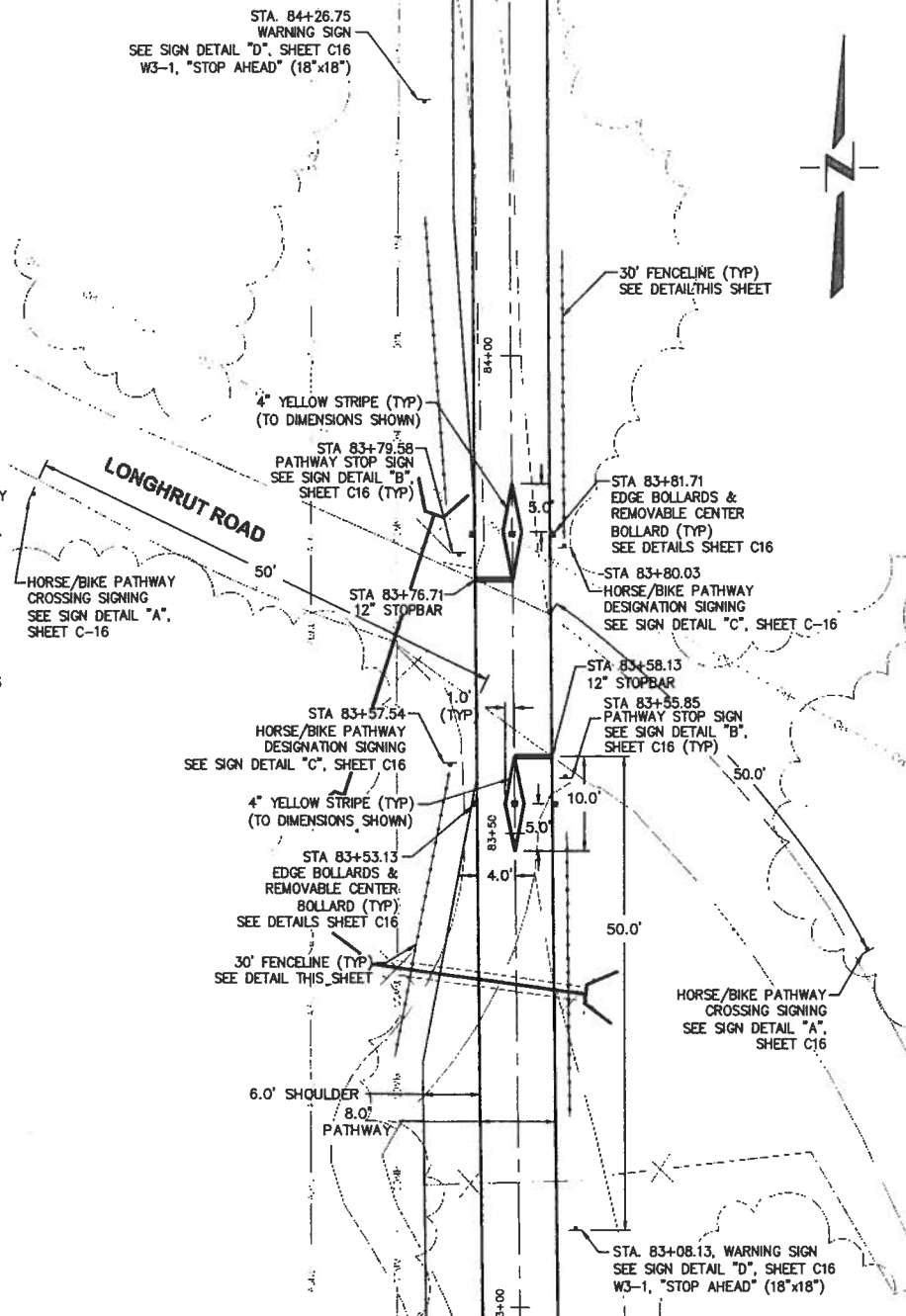


DESIGNED BY: CK	DRAWN BY: SM	CHECKED BY: SG	SCALE: AS NOTED
APP'D:	BY:	REVISIONS:	NO. DATE
EL DORADO TRAIL SPTC FORNI RD TO MISSOURI FLAT RD DETAILS			
EL DORADO COUNTY CALIFORNIA			
SHEET			OF
C17			27
DATE: 06/09/08			
JOB NO: 939.03			



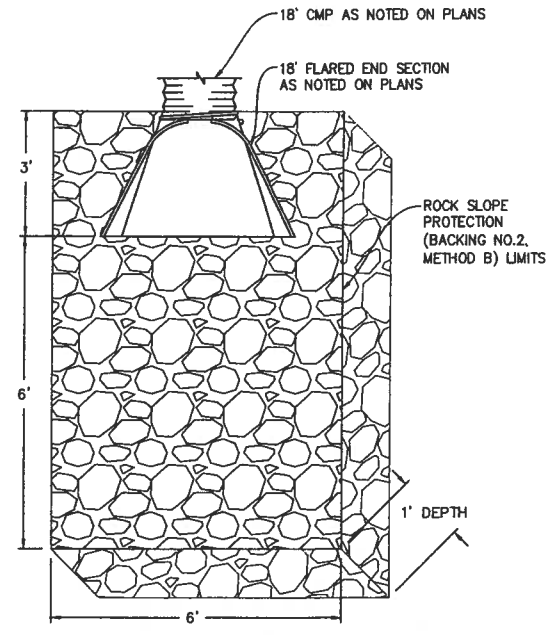
PATHWAY CROSSING AT OLD DEPOT ROAD

SCALE: 1" = 10'



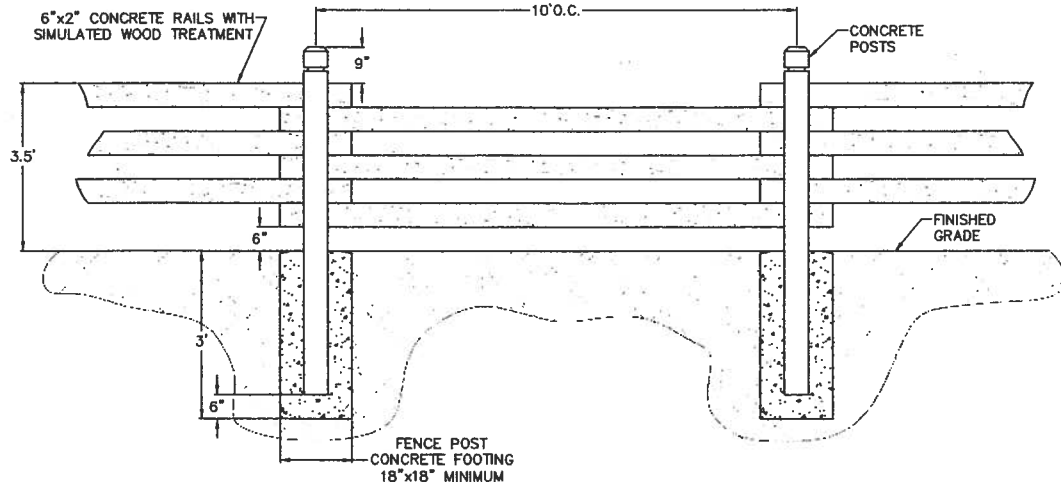
PATHWAY CROSSING AT LONGHRUT ROAD

SCALE: 1" = 10'



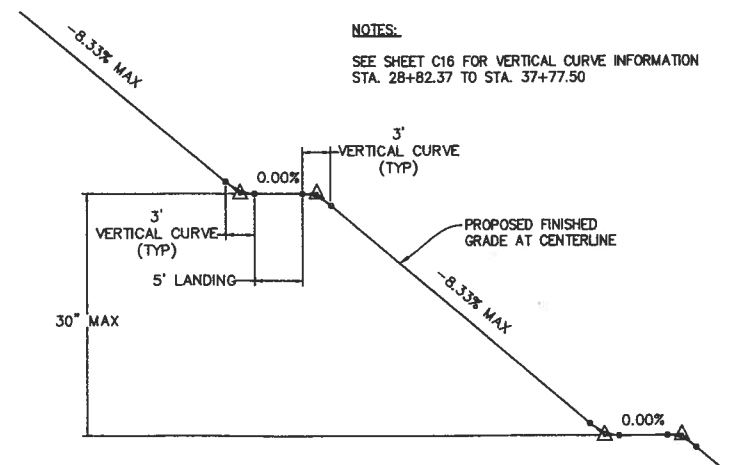
ROCK SLOPE PROTECTION AT FLARED END SECTIONS DETAIL

SCALE: 1" = 2'



4' SIMULATED WOOD FENCE DETAIL

SCALE: 1" = 2'



VERTICAL CURVE DETAIL

STA 28+82.37 TO STA 37+77.50
SCALE: 1" = 2'

NOTES:
SEE SHEET C16 FOR VERTICAL CURVE INFORMATION
STA. 28+82.37 TO STA. 37+77.50

DESIGNED BY: CK
DRAWN BY: SM
CHECKED BY: SG
SCALE:
AS NOTED

NO.	DATE	REVISIONS

CECWEST.COM
Project Planning & Civil Engineering & Landscape Architecture
Sacramento Office
2100 20th Street, Suite 200
Sacramento, CA 95818
(916) 455-2026

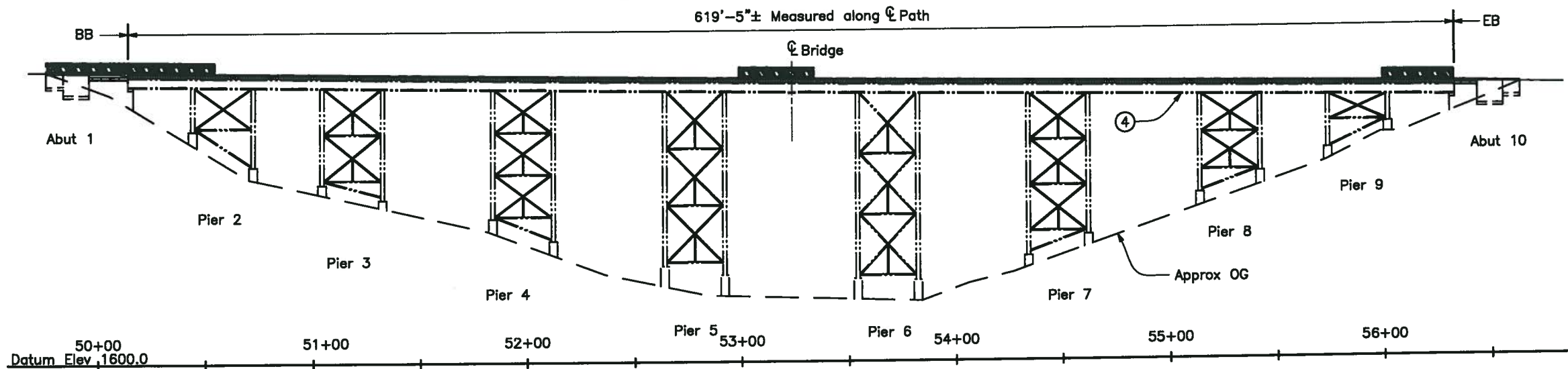


EL DORADO TRAIL
SPTC FORNI RD TO MISSOURI FLAT RD
DETAILS
EL DORADO COUNTY CALIFORNIA

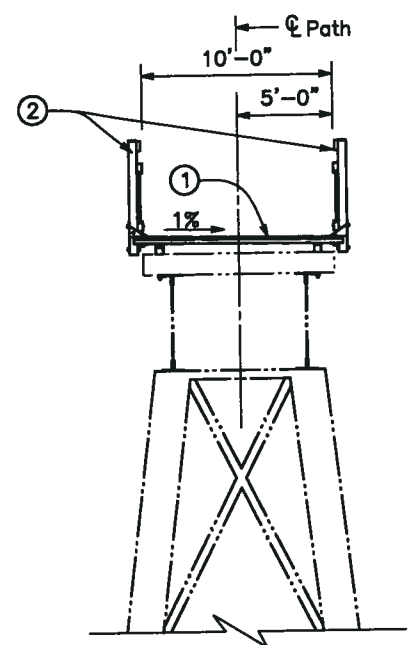
DATE SIGNED: 6-11-08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



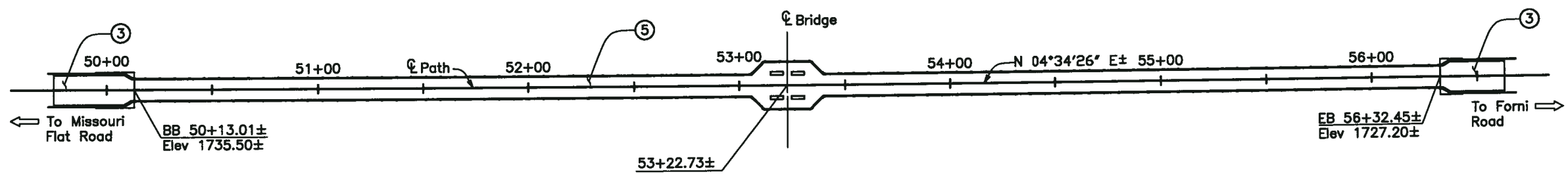
SHEET
C18
OF
27
DATE: 06/09/08
JOB NO: 939.03



ELEVATION
1"=30'-0"



TYPICAL SECTION
1"=5'-0"



PLAN
1"=30'-0"

GENERAL NOTES
LOAD FACTOR DESIGN

DESIGN: Caltrans Bridge Design Specifications - April 2000 (LFD)
(1996 AASHTO with Interims and Revisions by CALTRANS)

LIVE LOADING: 85 lb/sf and H10 truck
RAILING LOADING: 50 lb/ft transversely and vertically
REINFORCED CONCRETE:
f_y = 60,000 psi
f'_c = 3,600 psi
n = 8

GLULAM SPECIFICATIONS:
MATERIAL: West coast douglas fir 24F-V4
ADHESIVE: Waterproof phenolic
CERTIFICATE: AITC 117-2001 / APA-EWS

SAWN LUMBER SPECIFICATIONS:
West coast douglas fir select structural 24F-V4, except all members shall not be in-sized

MISC. STEEL SPECIFICATIONS:
STEEL SHAPE: ASTM A36
HARDWARE: ASTM A307
Hot dip galvanized all brackets after fabrication
Hot dip galvanized all hardware

All welding to be per AWS specifications by certified welders. Treat all field modifications with cold galvanizing paint.

QUANTITIES

Structural Concrete (Retaining Wall)	60	CY
Minor Concrete (Miscellaneous)	28	CY
Drill & Bond Dowel	52	LF
Reinforcing Bar	6110	LBS
Treated Timber Railing	1338	LF
Treated Timber Deck	6531	SF
Aggregate Base	17	CY
Structural Excavation (Retaining Wall)	143	CY
Structural Backfill (Retaining Wall)	165	CY

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

INDEX TO PLANS

Sheet No.	Title
S1	General Plan
S2	Abutment Details
S3	Railing Details No. 1
S4	Railing Details No. 2
S5	Railing Details No. 3
S6	Railing Details No. 4

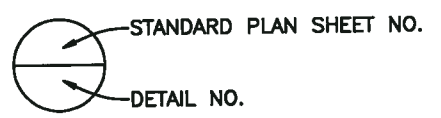
CALTRANS STANDARD PLANS DATED
MAY 2006

A10A	Acronyms and Abbreviations (Sheet 1 of 2)
A10B	Acronyms and Abbreviations (Sheet 2 of 2)
A10C	Symbols (Sheet 1 of 2)
A10D	Symbols (Sheet 2 of 2)
A62B	Limits of Payment for Excavation and Backfill - Bridge Surcharge and Wall
B3-1	Retaining Wall Type 1 H=4' through 30'

Notes:
1. Dimensions and elevations shown as ± are for the existing structure.
2. For survey control data, see "Road Plans".

Existing structure

- ① Treated timber deck
- ② Treated timber bridge railing
- ③ Concrete approach
- ④ Remove timber "cat walk"
- ⑤ Remove existing metal grate and rail



DATE SHOWN: *3/28/08*
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

DESIGNED BY: JCB
DRAWN BY: JCB
CHECKED BY: JCB
SCALE: AS SHOWN

REVISIONS

NO.	DATE	REVISIONS

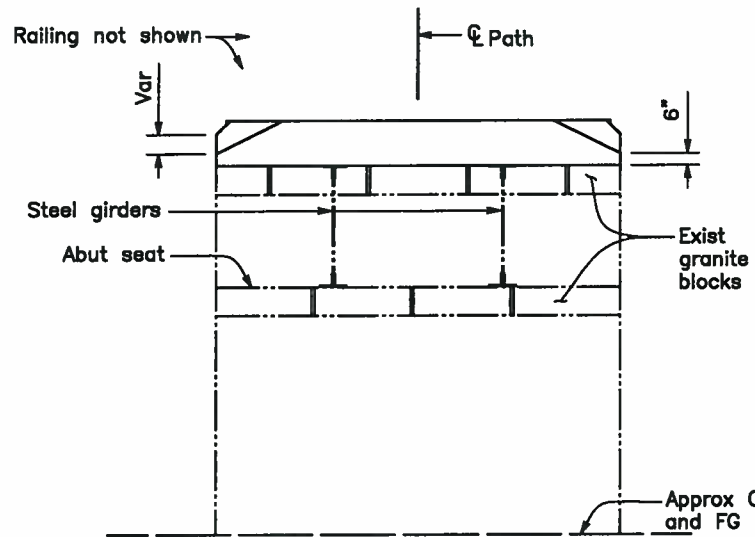
Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

EL DORADO TRAIL - WEBER CR. BR.
GENERAL PLAN

SHEET **S1** OF **S9**

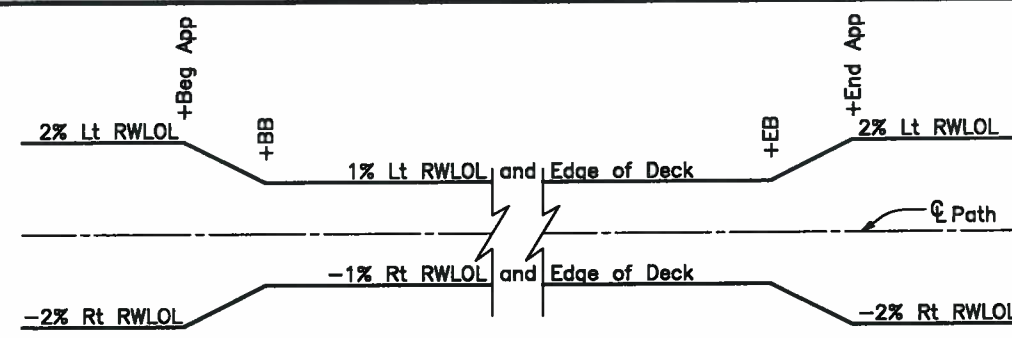
DATE: 3/28/08
JOB NO:

EL DORADO COUNTY CALIFORNIA



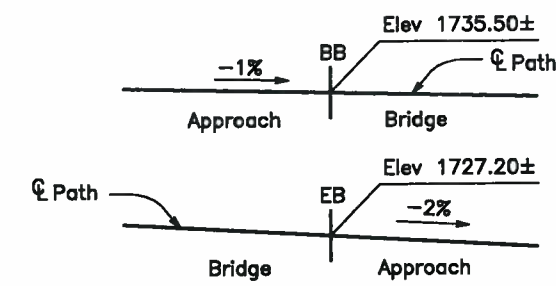
ELEVATION

1/4" = 1'-0"



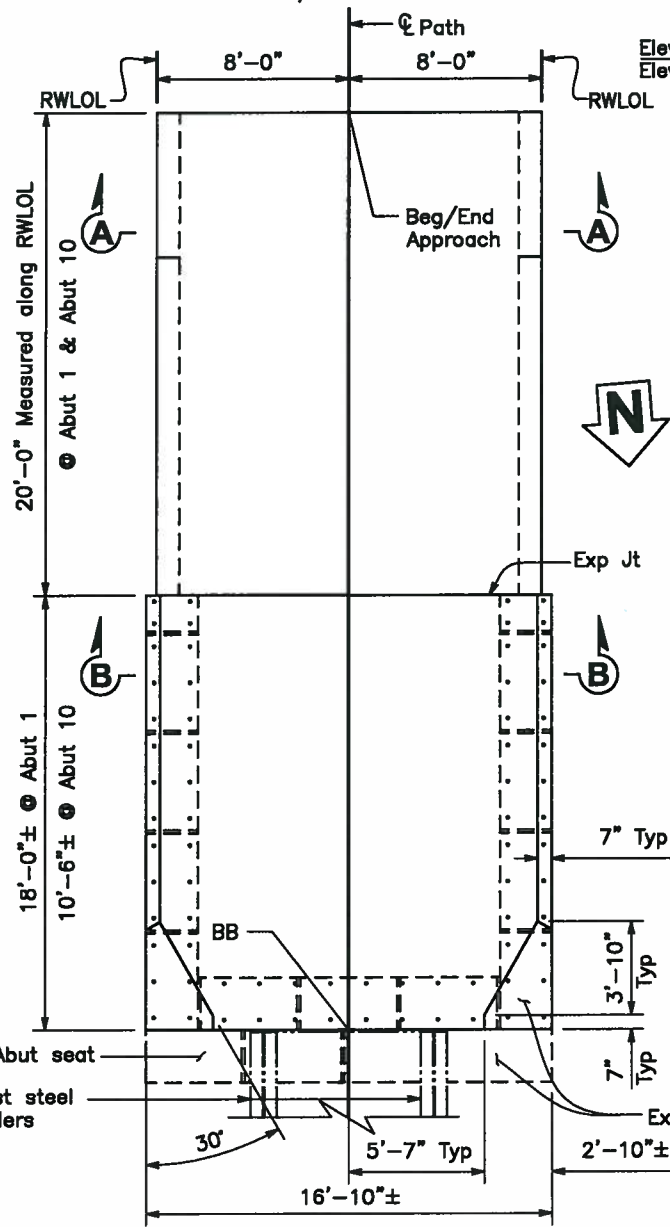
SUPER ELEVATION DIAGRAM

No Scale



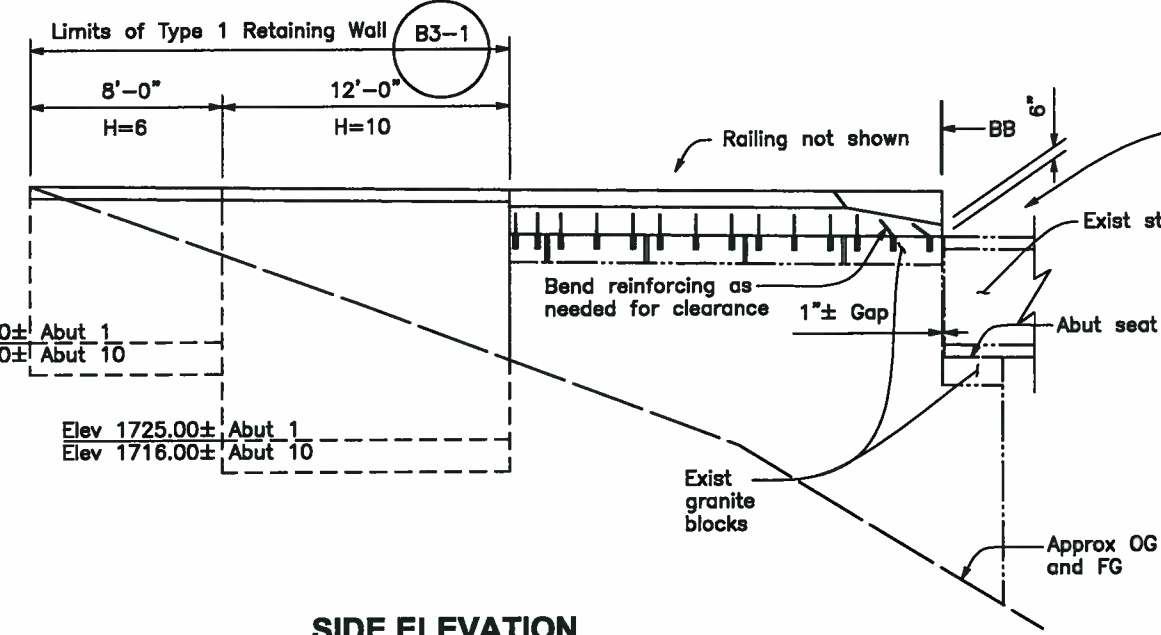
APPROACH PROFILES

No Scale



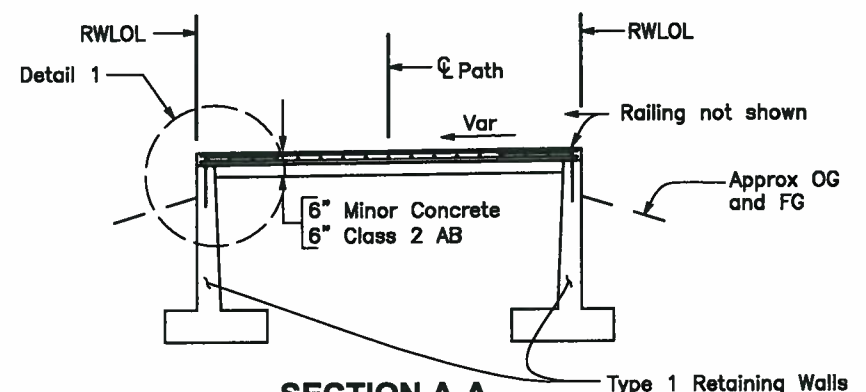
PLAN

1/4" = 1'-0"



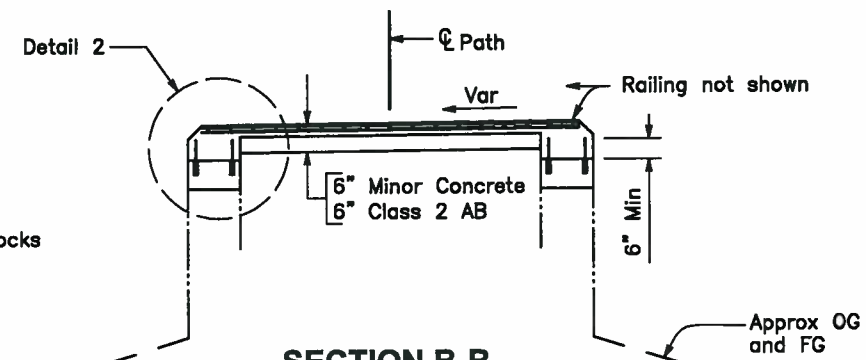
SIDE ELEVATION

1/4" = 1'-0"



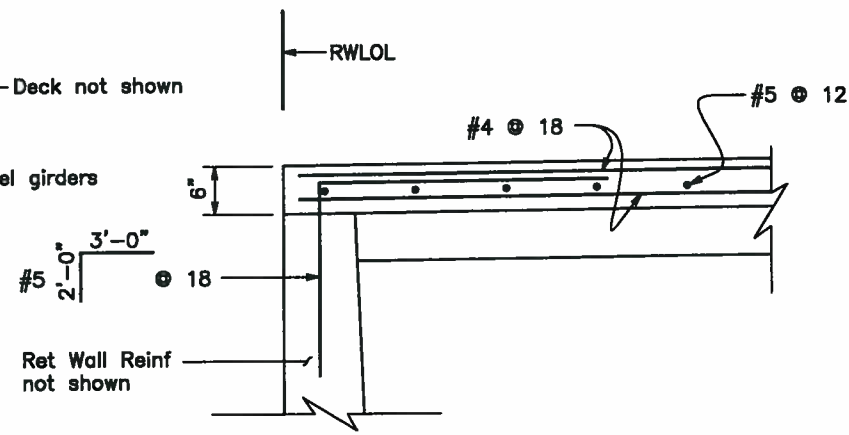
SECTION A-A

1/4" = 1'-0"



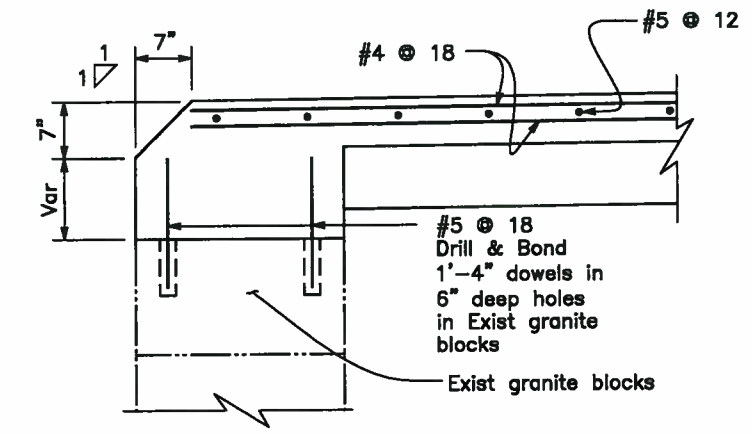
SECTION B-B

1/4" = 1'-0"



DETAIL 1

1" = 1'-0"



DETAIL 2

1" = 1'-0"

- Notes:
1. Abutment 1 shown, Abutment 10 similar.
 2. App = Approach

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DATE SIGNED: 3/28/08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

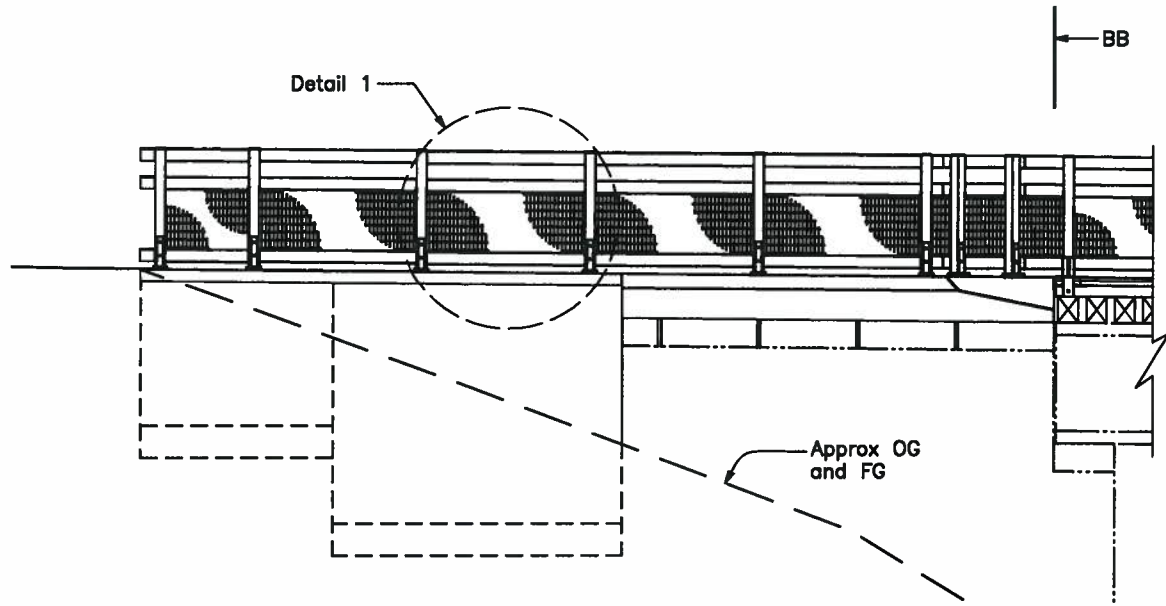


NO.	DATE	REVISIONS	BY	APPROVED BY	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	AS SHOWN

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

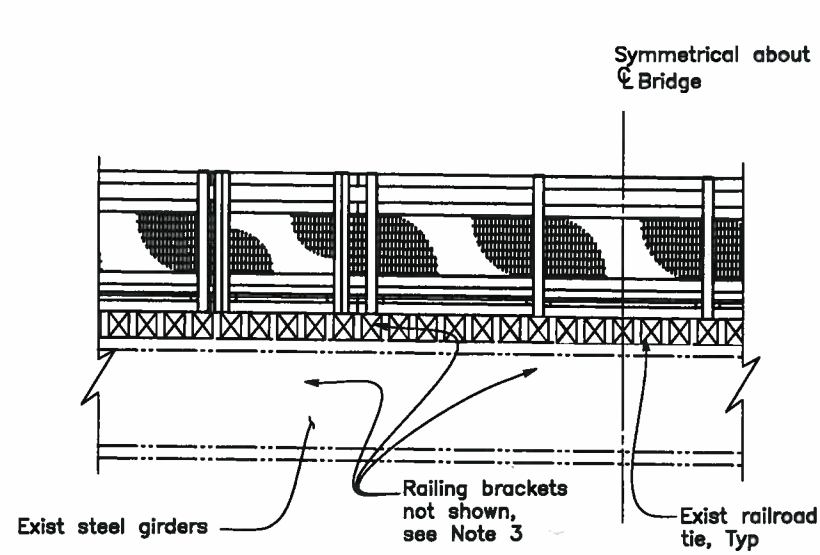
EL DORADO TRAIL - WEBER CR. BR.
ABUTMENT DETAILS
CALIFORNIA

SHEET
S2
OF
S9
DATE: 3/28/08
JOB NO:

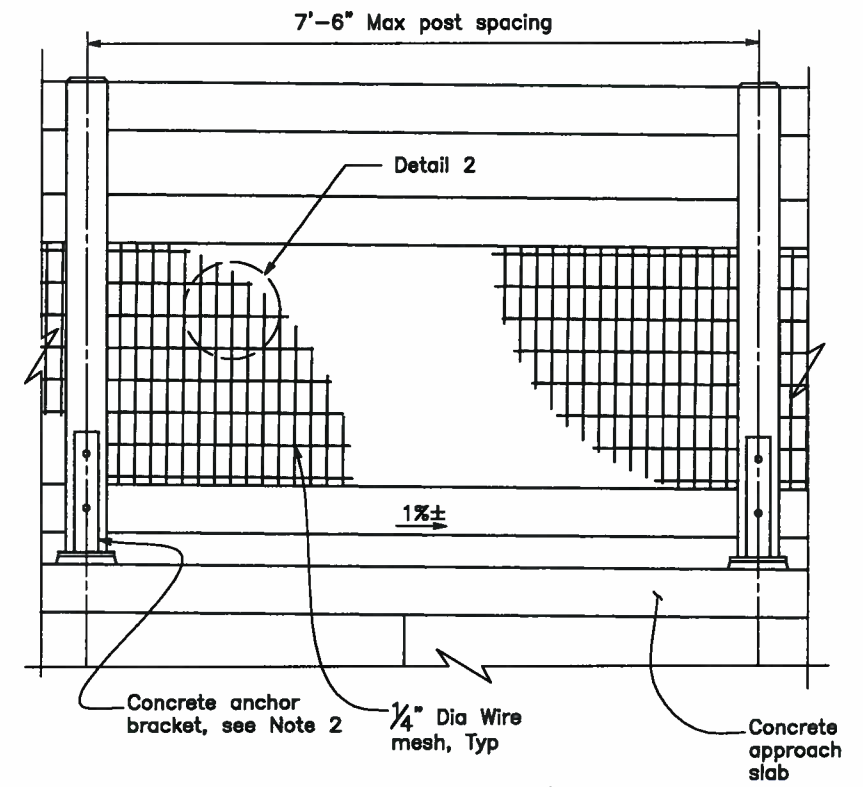


ABUTMENT ELEVATION

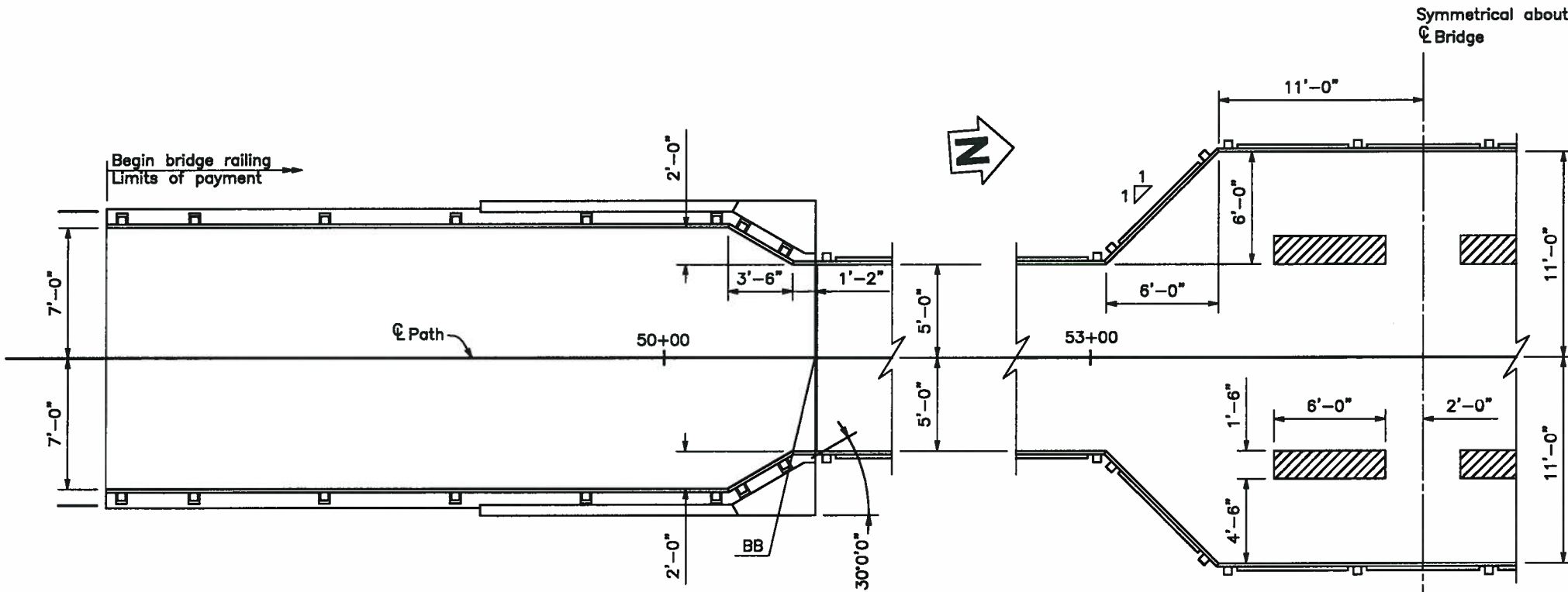
ELEVATION
1/4"=1'-0"



OBSERVATION DECK ELEVATION



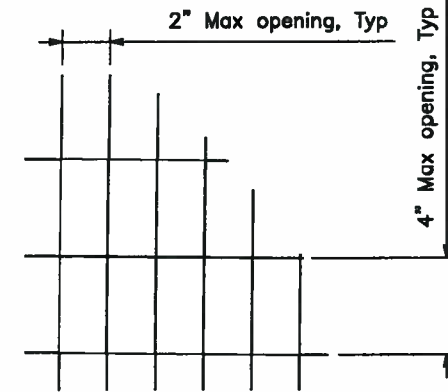
DETAIL 1
1"=1'-0"



ABUTMENT PLAN

PLAN
1/4"=1'-0"

OBSERVATION DECK PLAN



DETAIL 2
3"=1'-0"

- Notes:
1. Abutment 1 shown, Abutment 10 similar.
 2. For concrete anchor bracket details, see "Railing Details No. 2" sheet.
 3. For railing bracket details, see "Railing Details No. 3" sheet.
 4. Deck plank members must be placed transverse to centerline of Path.

Timber bench, see "Railing Details No. 3" sheet.

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DATE SIGNED: 6/11/08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

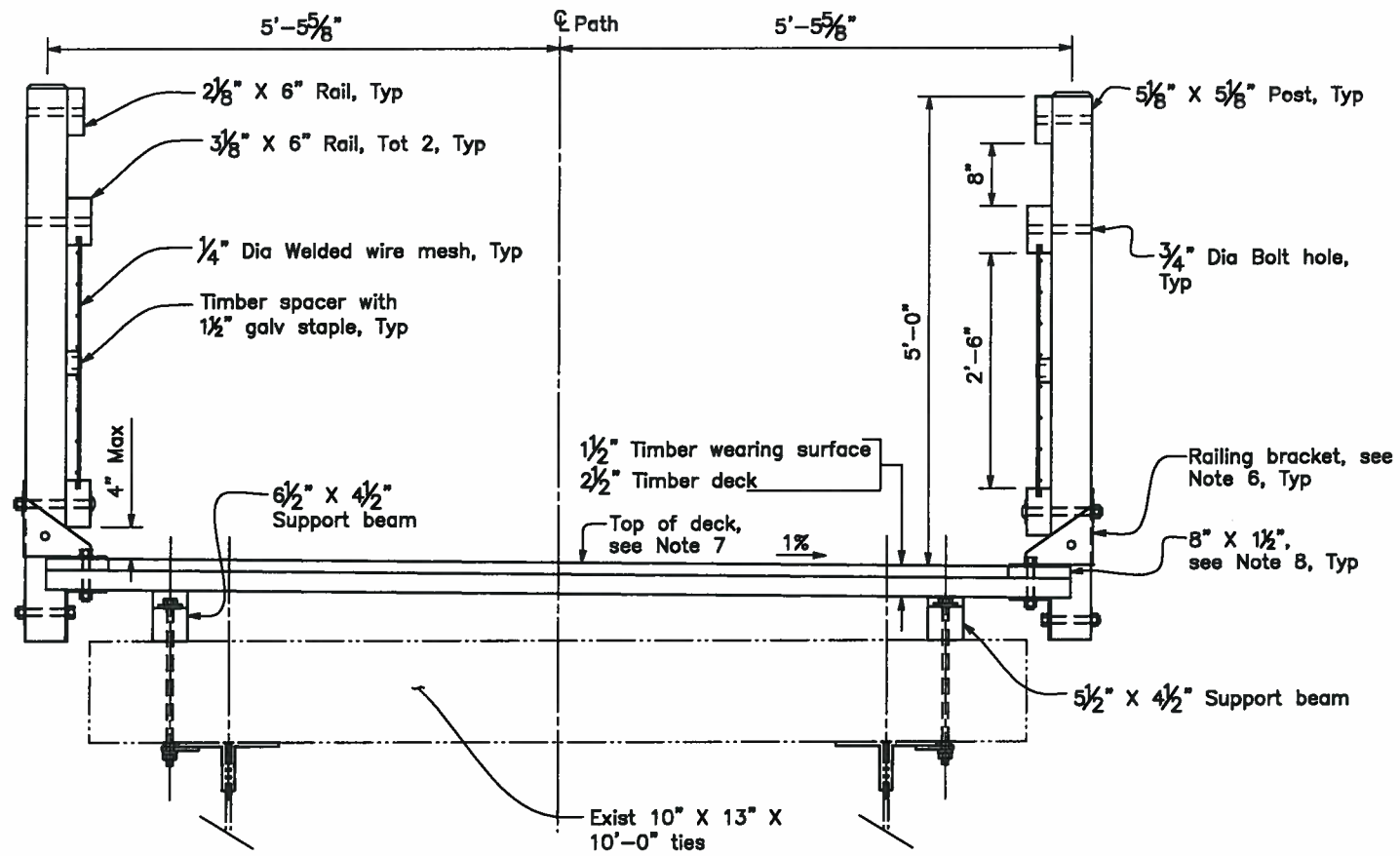


DESIGNED BY: RGT/TO	APPROVED BY:
DRAWN BY: JLF	REVISIONS:
CHECKED BY: JLF	NO. DATE
SCALE: AS SHOWN	

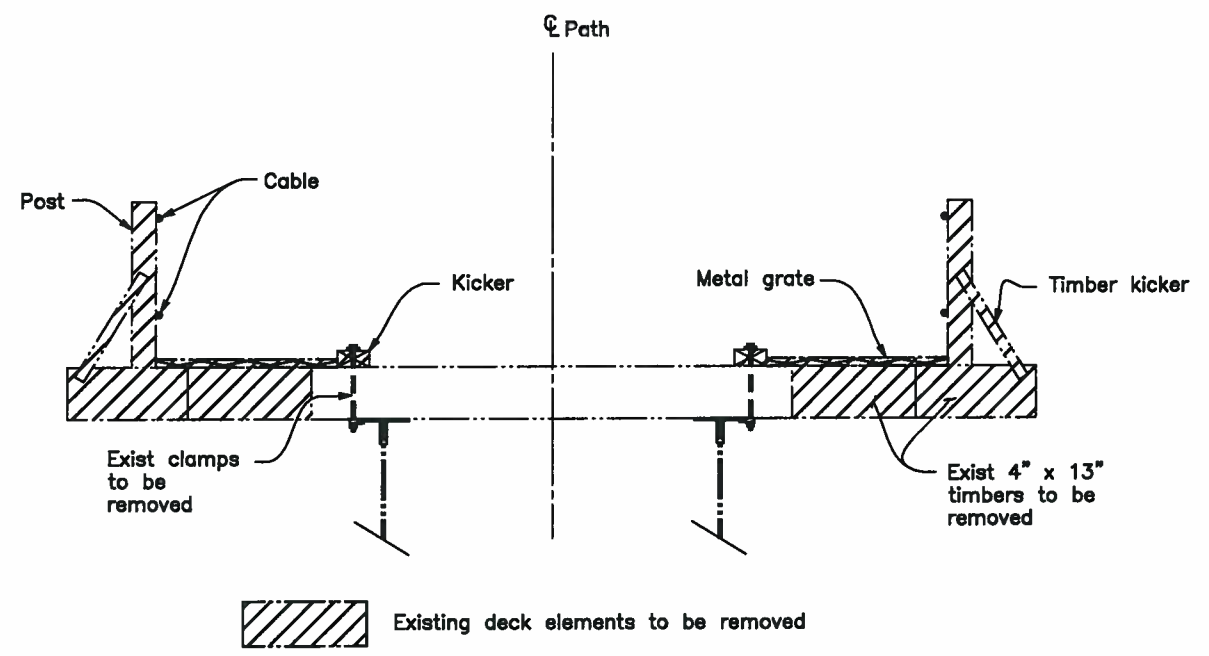
Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

EL DORADO TRAIL - WEBER CR. BR.
RAILING DETAILS No. 1
CALIFORNIA

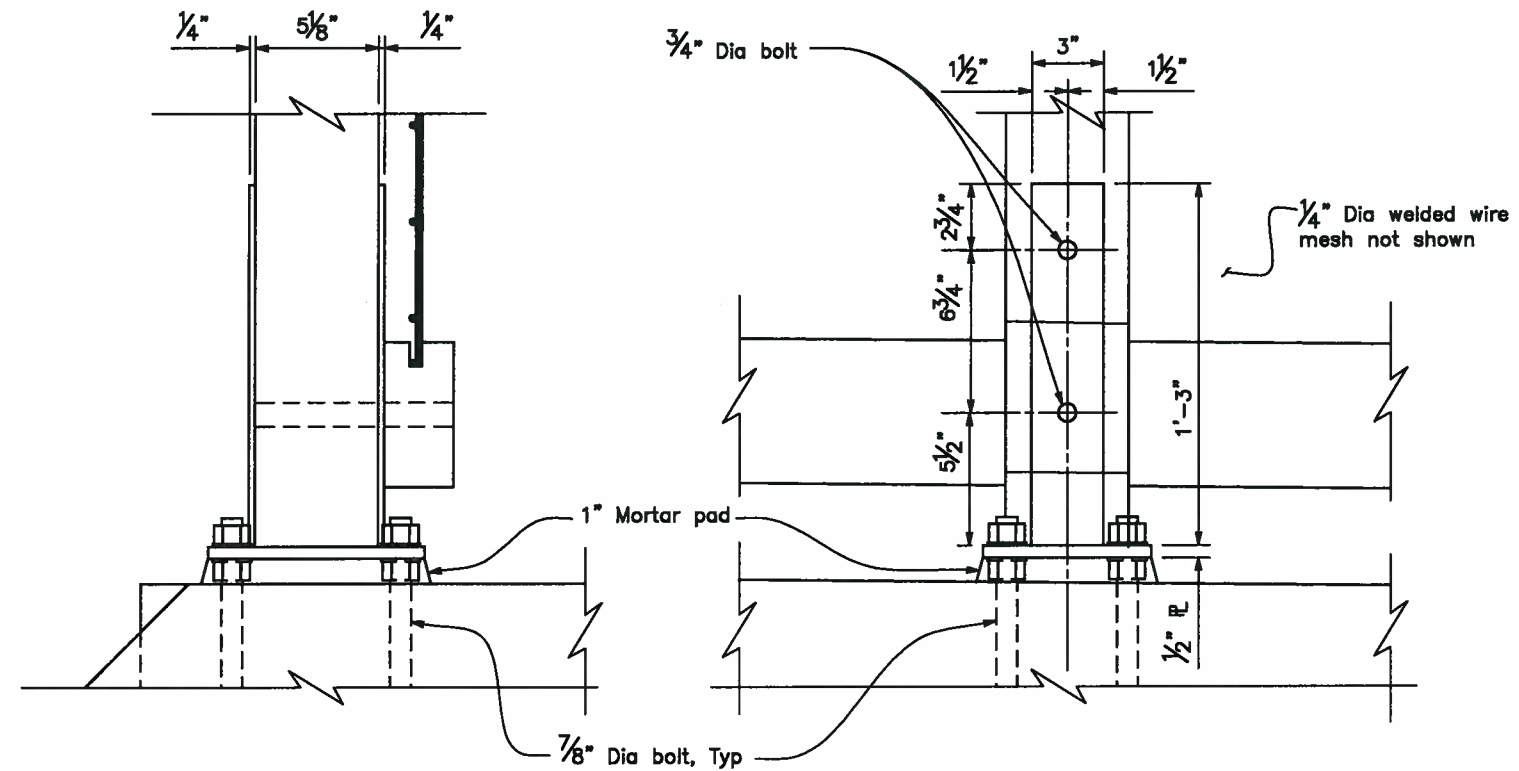
SHEET	33
OF	39
DATE:	3/28/08
JOB NO:	



TYPICAL SECTION
1"=1'-0"



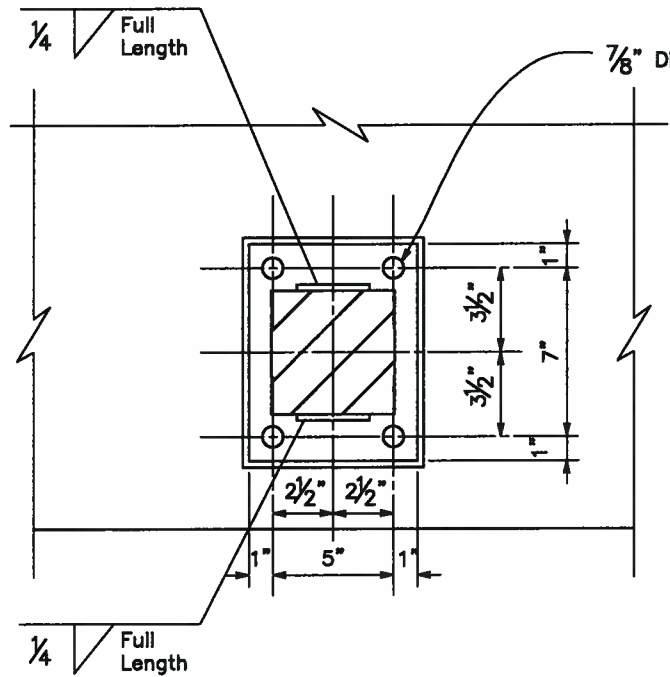
EXISTING TYPICAL SECTION
1/2"=1'-0"



SIDE ELEVATION
3"=1'-0"

ELEVATION
3"=1'-0"

CONCRETE ANCHOR BRACKET



PLAN
3"=1'-0"

- Notes:
1. Structural member dimensions shown are minimum required.
 2. Anchor bolt nuts shall be wrench tight.
 3. Deck members must be transverse to centerline Path.
 4. For railing bracket details, see "Railing Details No. 3" sheet.
 5. Peen end of all railing bolts after installation.
 6. Wearing surface members must be transverse to centerline Path, except as noted.
 7. Connect timber deck with 5/8 inch Dia. x 6 inch deck screw at 8 inch OC. Screw head shall be flush with deck.
 8. Wearing surface plank to be placed longitudinally along edge of deck.

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

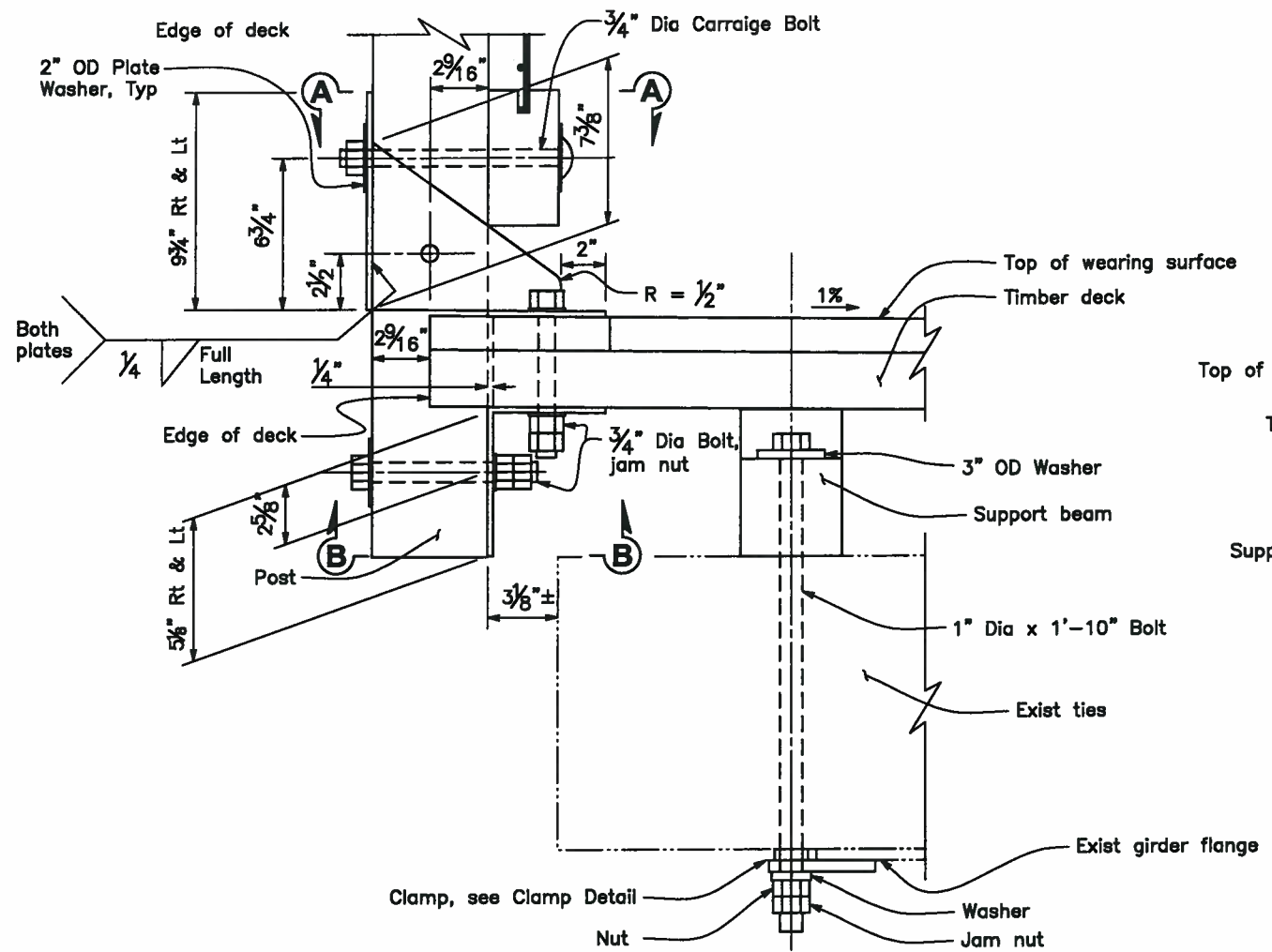
DATE SIGNED: 6/1/08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.
 REGISTERED PROFESSIONAL ENGINEER
 Tim O'Brien
 No. 4778
 Exp. 8-30-08
 CIVIL
 STATE OF CALIFORNIA

DESIGNED BY: RD/TD	APPROVED BY:	DATE:
DRAWN BY: JFB	REVISIONS:	NO.:
CHECKED BY: JFB	NO.:	NO.:
SCALE: AS SHOWN	NO.:	NO.:

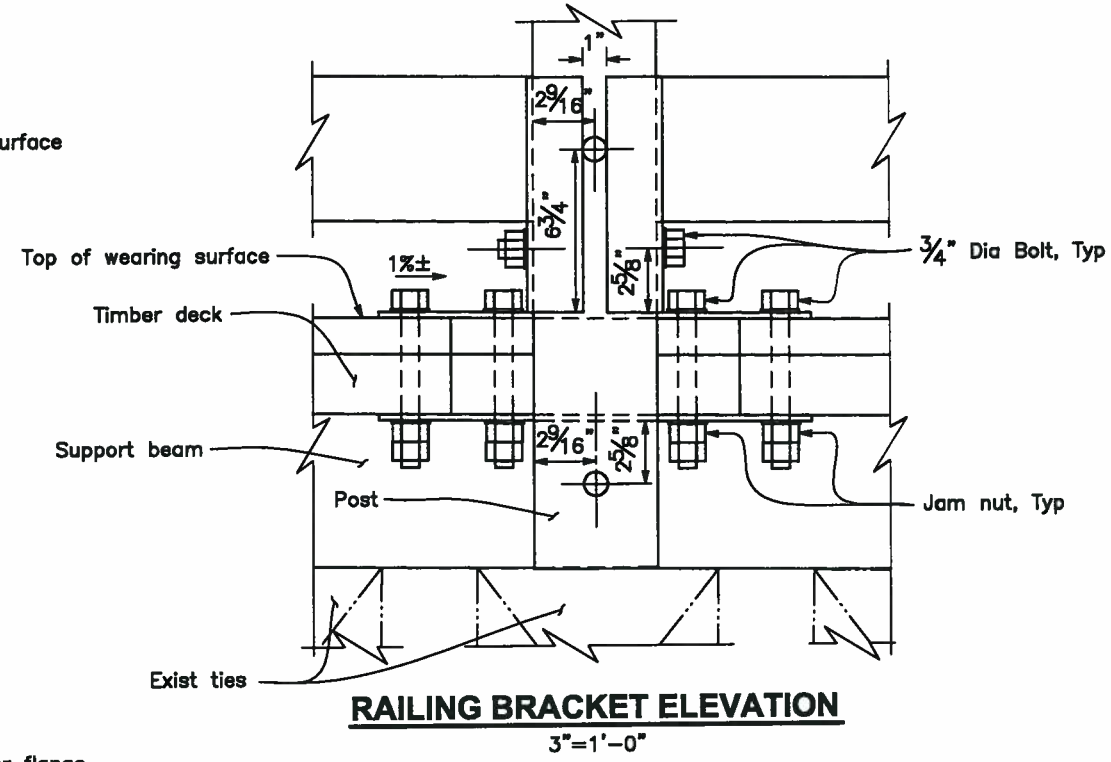
Quincy Engineering, Inc.
 3247 Ramos Circle
 Sacramento, CA 95827

EL DORADO TRAIL - WEBER CR. BR.
RAILING DETAILS No. 2
 CALIFORNIA

SHEET **S4** OF **S9**
 DATE: 3/28/08
 JOB NO:

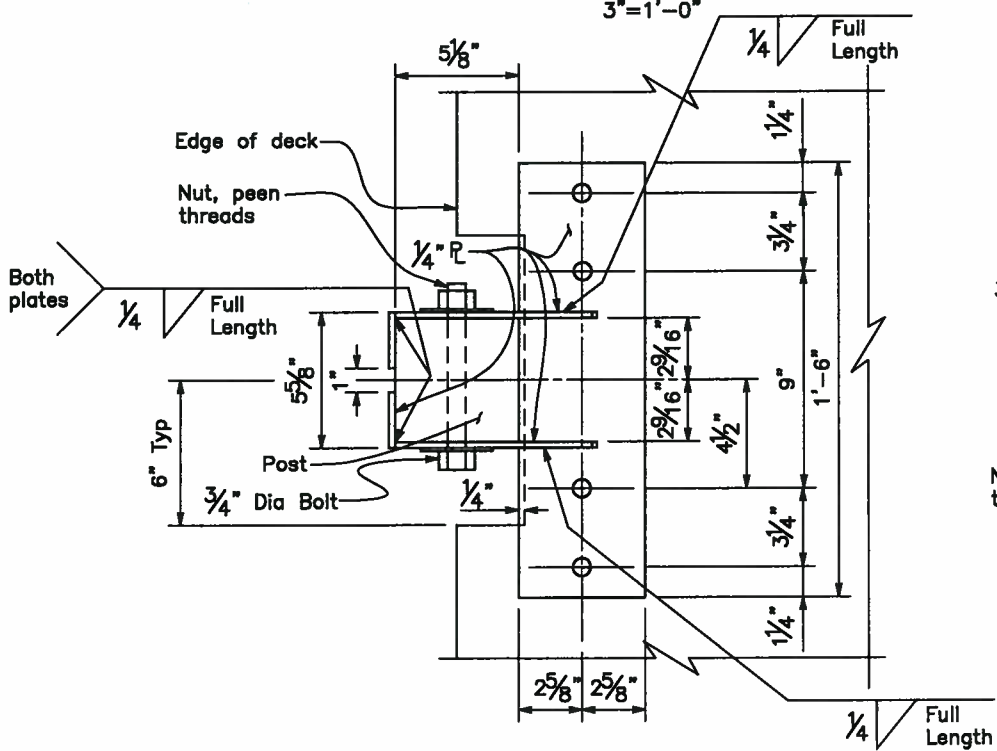


RAILING BRACKET - PART ELEVATION
3"=1'-0"

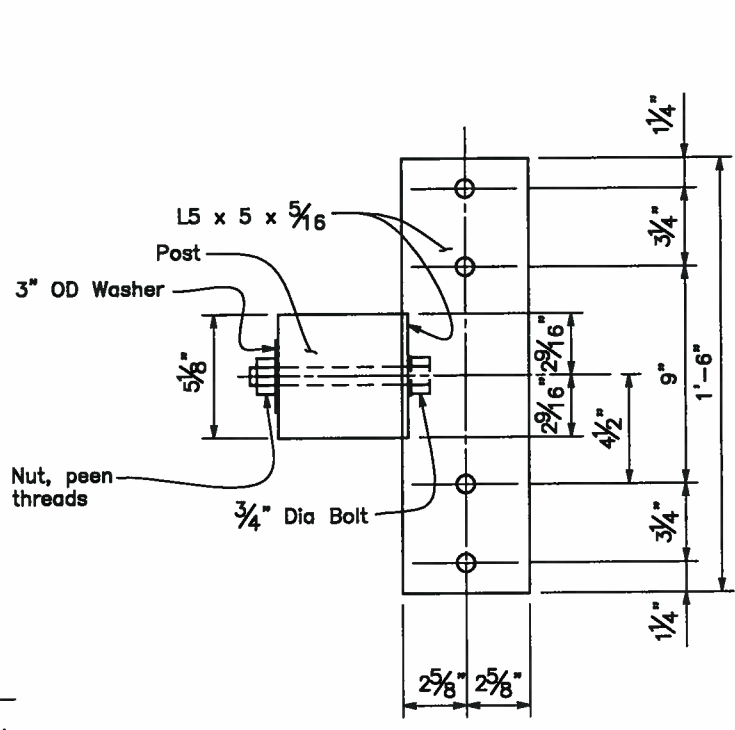


RAILING BRACKET ELEVATION
3"=1'-0"

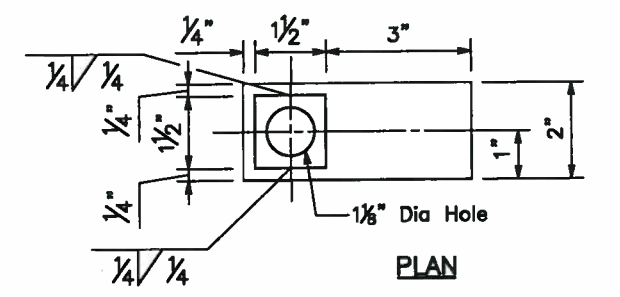
Notes:
1. Post bracket shall not cross a deck panel joint.



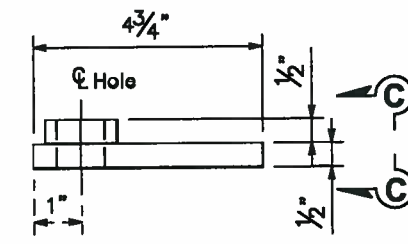
SECTION A-A - TOP RAILING BRACKET
3"=1'-0"



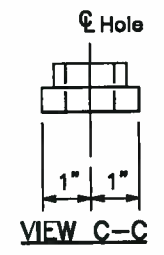
SECTION B-B - BOTTOM RAILING BRACKET
3"=1'-0"



PLAN



ELEVATION



VIEW C-C

CLAMP DETAILS
6"=1'-0"

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DATE SIGNED: *6/1/08*
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

 CIVIL
 STATE OF CALIFORNIA

EL DORADO TRAIL - WEBER CR. BR.
 RAILING DETAILS No. 3
 SHEET 55 OF 59
 DATE: 3/28/08
 JOB NO: _____

Quincy Engineering, Inc.
 3247 Ramos Circle
 Sacramento, CA 95827

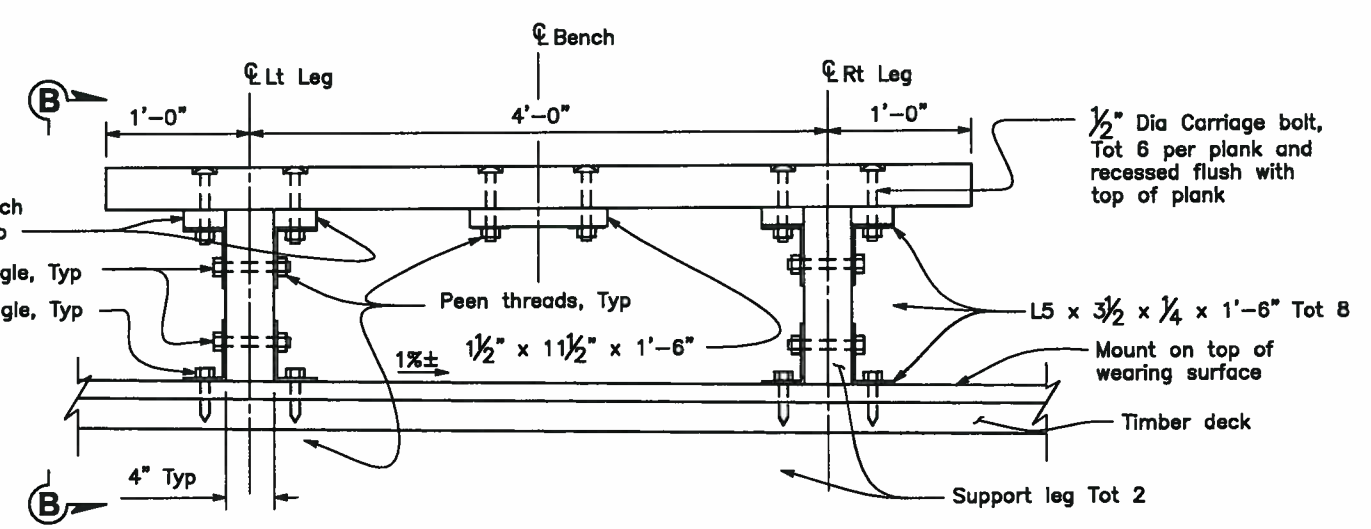
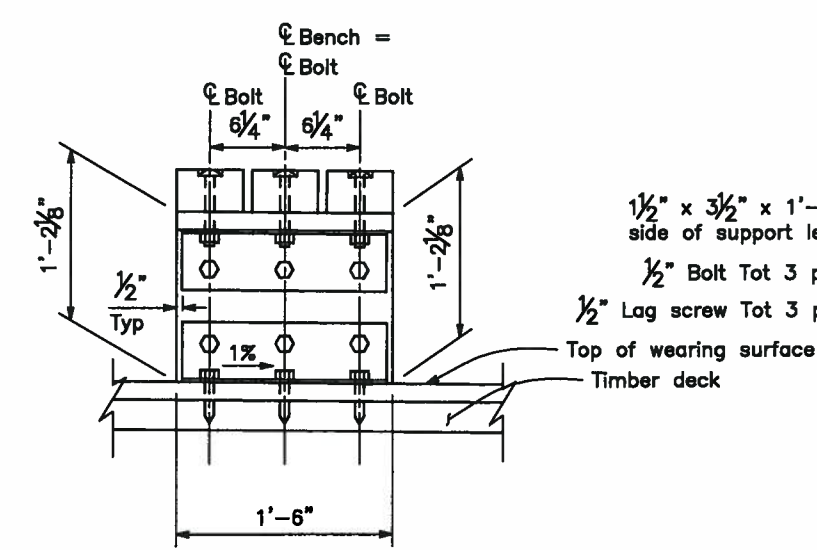
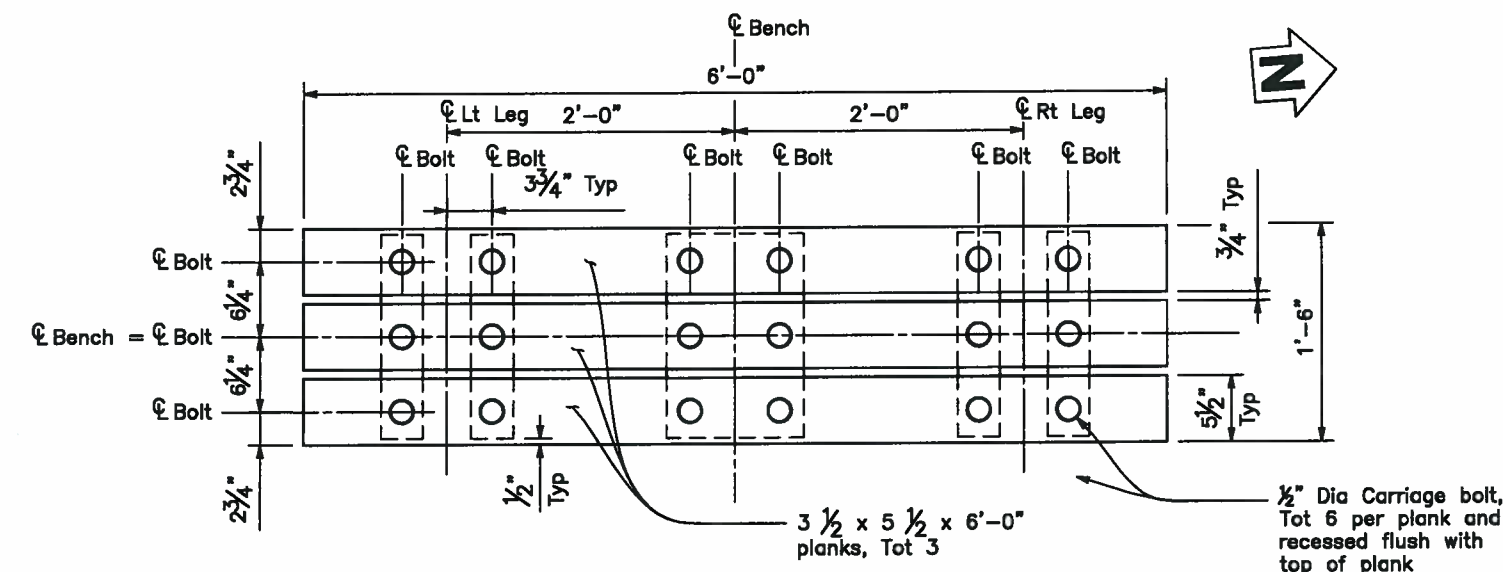
DESIGNED BY	RC/TD
DRAWN BY	JR
CHECKED BY	JF
SCALE	AS SHOWN
APP'D.	
BY	
REVISIONS	
DATE	
NO.	

DESIGNED BY: RD/TL	APPR.
DRAWN BY: JB	BY
CHECKED BY: JF	REVISIONS
SCALE: AS SHOWN	DATE
	NO.

Quincy Engineering, Inc.
 3247 Ramos Circle
 Sacramento, CA 95827

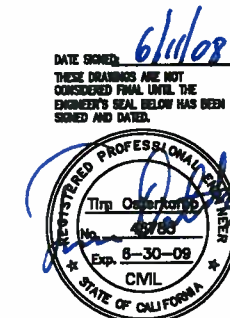
EL DORADO TRAIL - WEBER CR. BR.
RAILING DETAILS No. 4
 CALIFORNIA

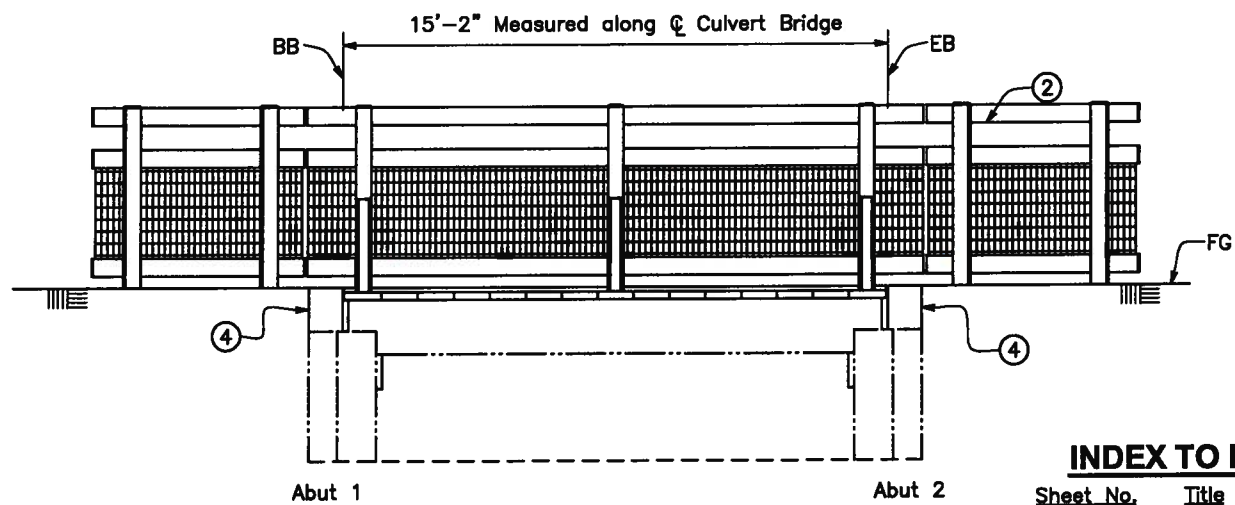
SHEET **56** OF **59**
 DATE: 3/28/08
 JOB NO:



BENCH DETAILS

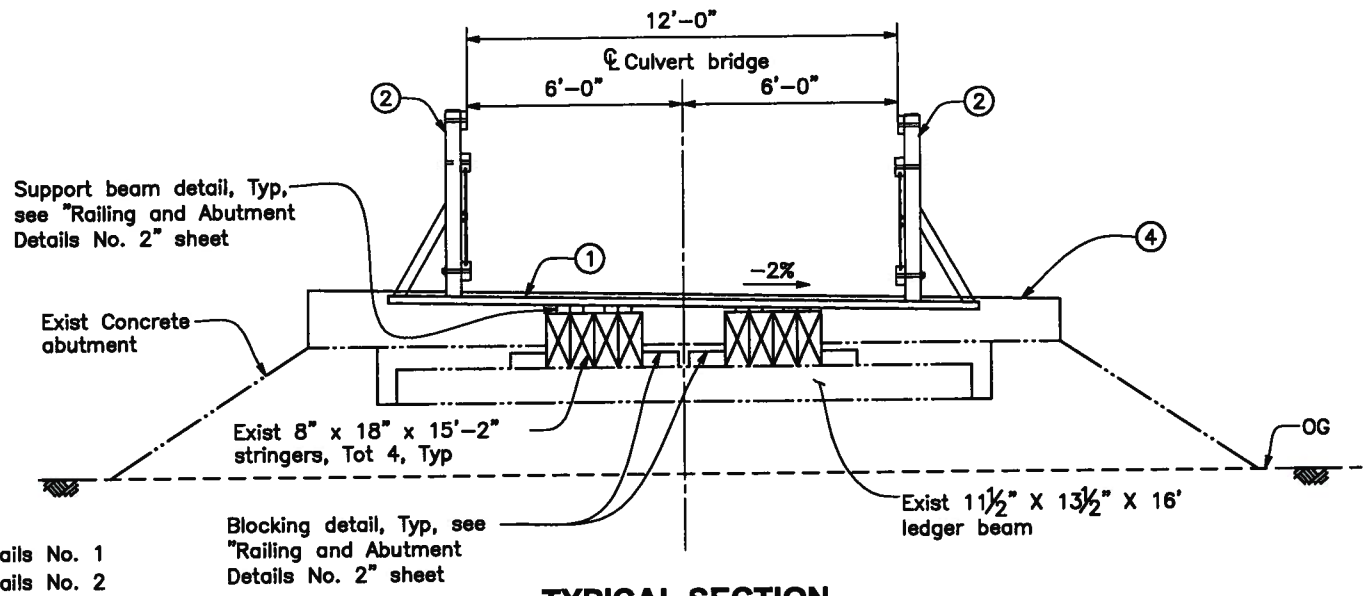
Note:
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.





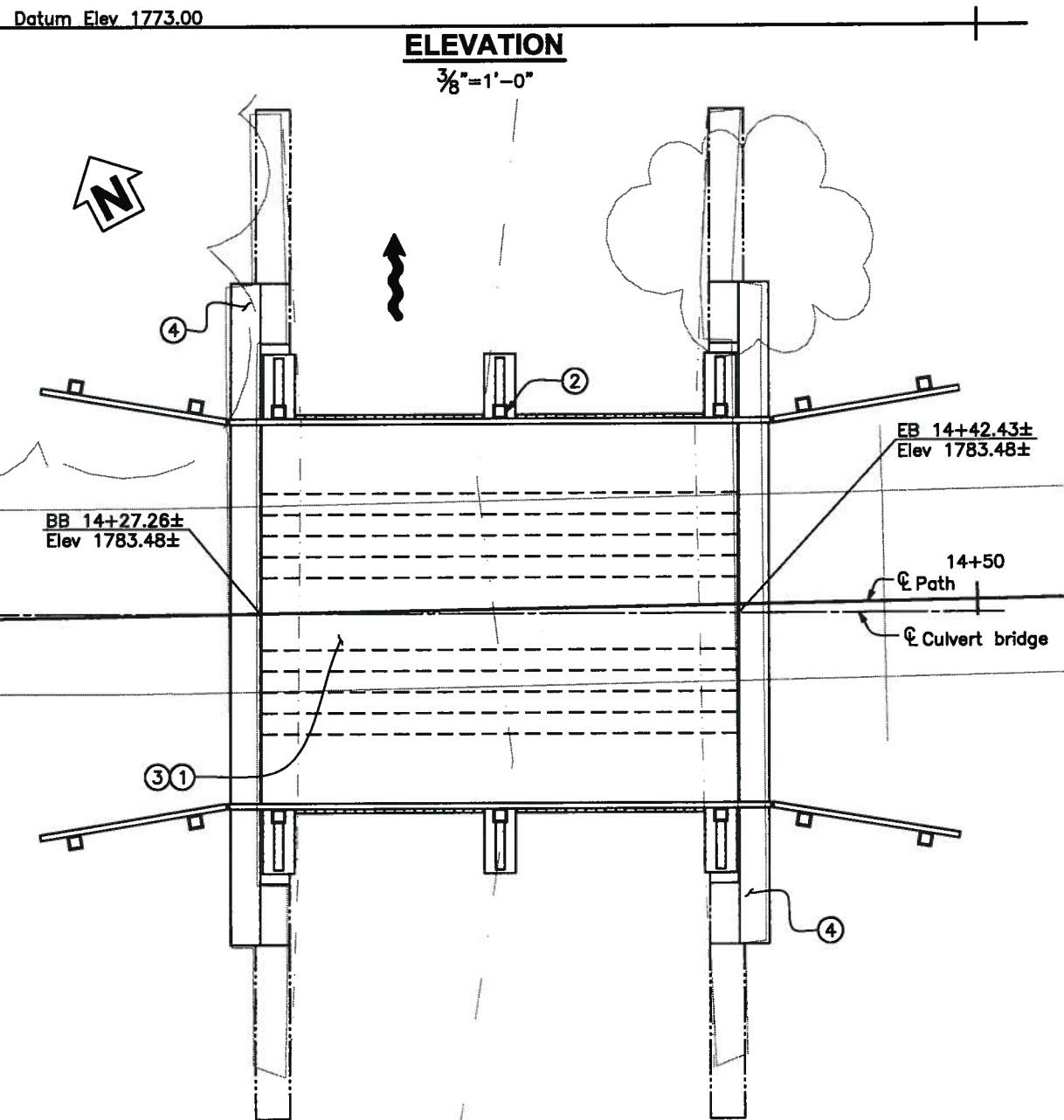
INDEX TO PLANS

Sheet No.	Title
S7	General Plan
S8	Railing & Abutment Details No. 1
S9	Railing & Abutment Details No. 2



TYPICAL SECTION

3/8" = 1'-0"



ELEVATION

3/8" = 1'-0"

**GENERAL NOTES
LOAD FACTOR DESIGN**

DESIGN: Caltrans Bridge Design Specifications - April 2000 (LFD)
(1996 AASHTO with Interims and Revisions by CALTRANS)

LIVE LOADING:

85 lb/sf and H10 truck

RAILING LOADING:

50 lb/ft transversely and vertically

REINFORCED CONCRETE:

f_y = 60,000 psi

f'c = 3,600 psi

n = 8

GLULAM SPECIFICATIONS:

MATERIAL: West coast douglas fir 24F-V4

ADHESIVE: Waterproof phenolic

CERTIFICATE: AITC 117-2001 / APA-EWS

SAWN LUMBER SPECIFICATIONS:

West coast douglas fir select structural 24F-V4, except all members shall not be in-sized

MISC. STEEL SPECIFICATIONS:

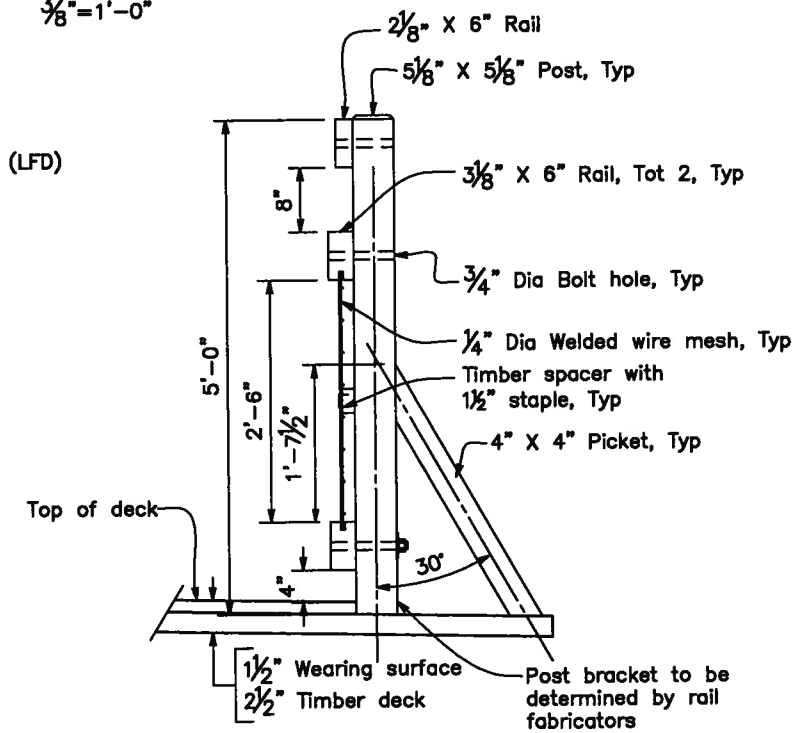
STEEL SHAPE: ASTM A36

HARDWARE: ASTM A307

Hot dip galvanized all brackets after fabrication

Hot dip galvanized all hardware

All welding to be per AWS specifications by certified welders. Treat all field modifications with cold galvanizing paint.



TYPICAL RAILING SECTION

1-1/2" = 1'-0"

QUANTITIES

Minor Concrete (Abutment Cap)	2.0	CY
Drill & Bond Dowel	20.0	LF
Reinforcing Bar	211.0	LBS
Treated Timber Railing	59.0	LF
Treated Timber Decking	184.0	SF

**CALTRANS STANDARD PLANS DATED
MAY 2006**

A10A	Acronyms and Abbreviations (Sheet 1 of 2)
A10B	Acronyms and Abbreviations (Sheet 2 of 2)
A10C	Symbols (Sheet 1 of 2)
A10D	Symbols (Sheet 2 of 2)

Notes:

- Dimensions and elevations shown as ± are for the existing structure.
- Structural member dimensions shown are minimum required, unless otherwise noted.
- For survey control data, see "Road Plans".

----- Existing structure

- ① Timber deck
- ② Timber bridge railing
- ③ Remove exist ties and RR rails
- ④ Abutment cap

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

PLAN

3/8" = 1'-0"

DATE SIGNED: 6/11/08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



DESIGNED BY: RLC
DRAWN BY: JB
CHECKED BY: TD
SCALE: AS SHOWN

REVISIONS

NO. DATE

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

EL DORADO TRAIL - CULVERT BR.

GENERAL PLAN

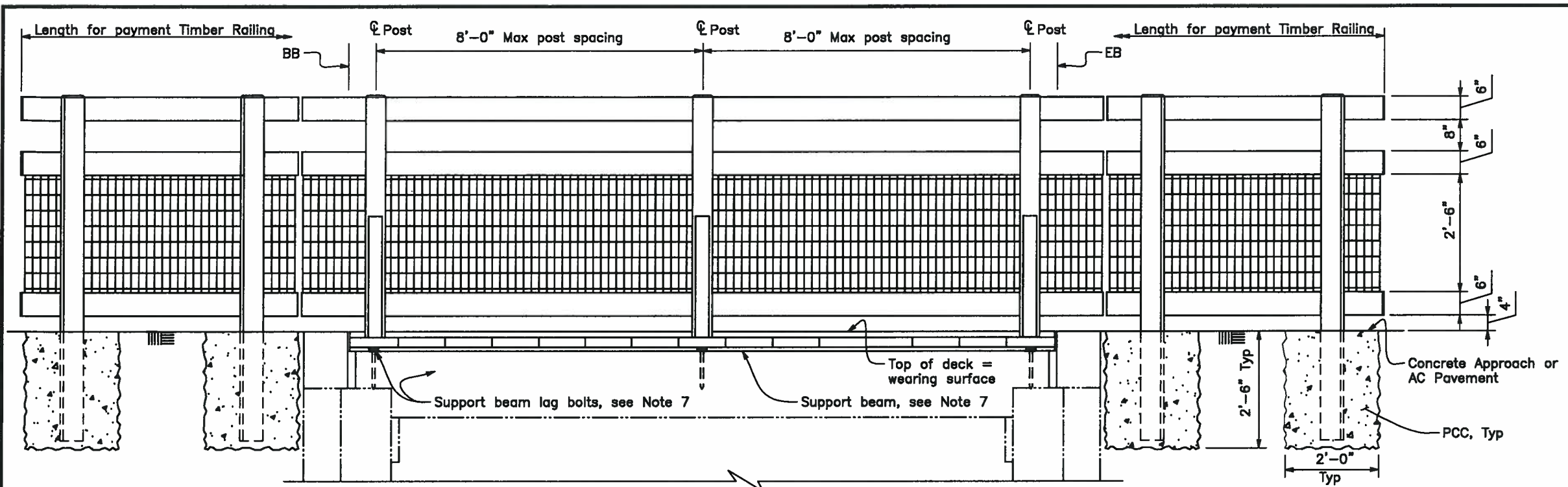
CALIFORNIA

EL DORADO COUNTY

SHEET
S7
OF
S9

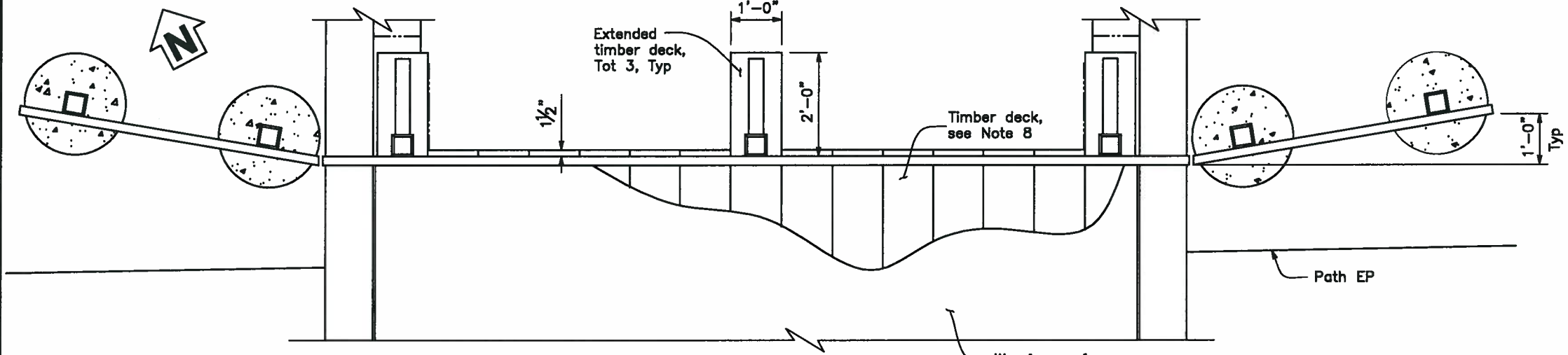
DATE: 3/28/08

JOB NO: 939.02



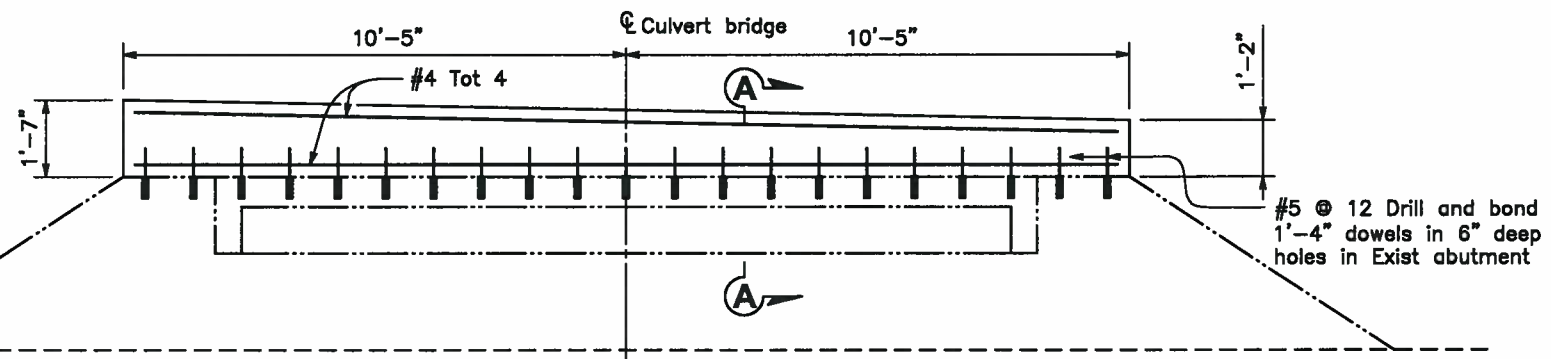
ELEVATION

3/4"=1'-0"



PLAN

3/4"=1'-0"



ABUTMENT ELEVATION

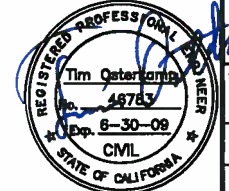
1/2"=1'-0"

Notes:

1. Structural member dimensions shown are minimum required.
2. The Contractor shall verify all controlling field dimensions before ordering or fabricating any materials.
4. Abutment 2 shown, Abutment 1 similar.
5. Deck plank members must be placed transverse to centerline of bridge.
6. Wearing surface members must be transverse to centerline Path, except as noted.
7. For Section A-A and additional details, see "Railing and Abutment Details No. 2" sheet.
8. Connect timber deck with 5/8" Dia. x 6" deck screw at 8" OC. Screw head shall be flush with deck.

----- Exist structure

DATE SIGNED: 6/10/08
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.

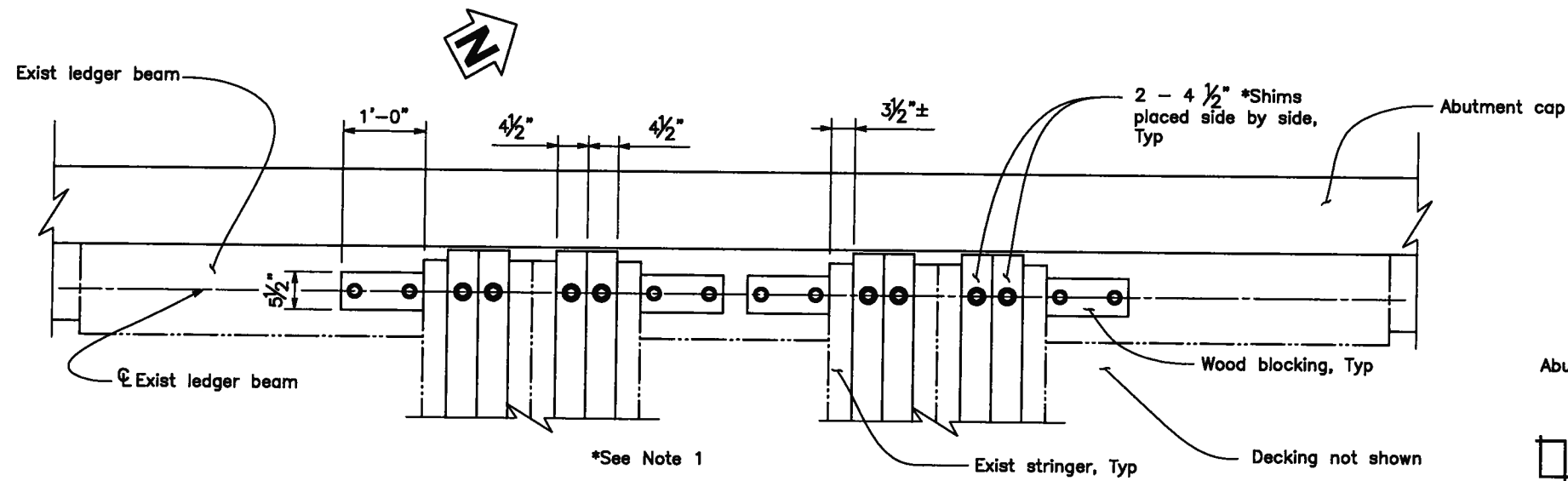


DESIGNED BY: RLC	APPROVED BY:
DRAWN BY: JB	REVISIONS:
CHECKED BY: TO	NO. DATE:
SCALE: AS SHOWN	

Quincy Engineering, Inc.
 3247 Ramos Circle
 Sacramento, CA 95827

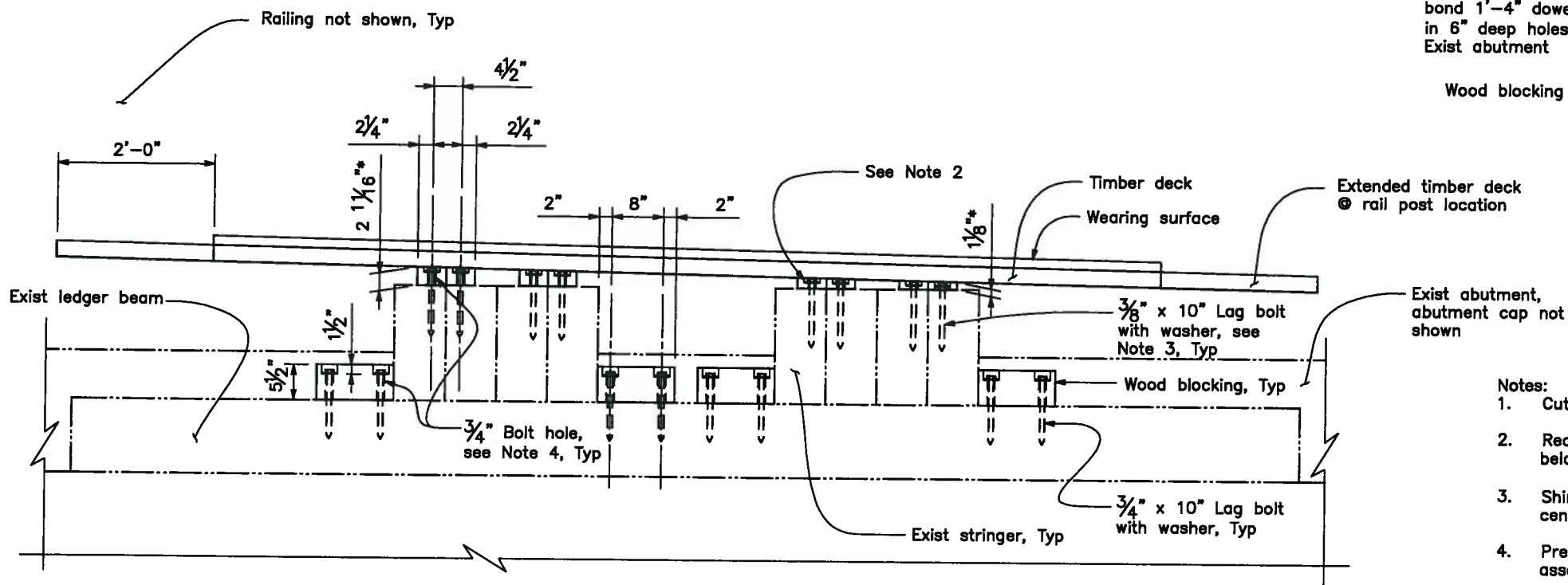
EL DORADO TRAIL - CULVERT BR.
RAILING & ABUTMENT DETAILS No. 1
 CALIFORNIA
 EL DORADO COUNTY

SHEET	8
OF	9
DATE:	3/28/08
JOB NO:	939.02



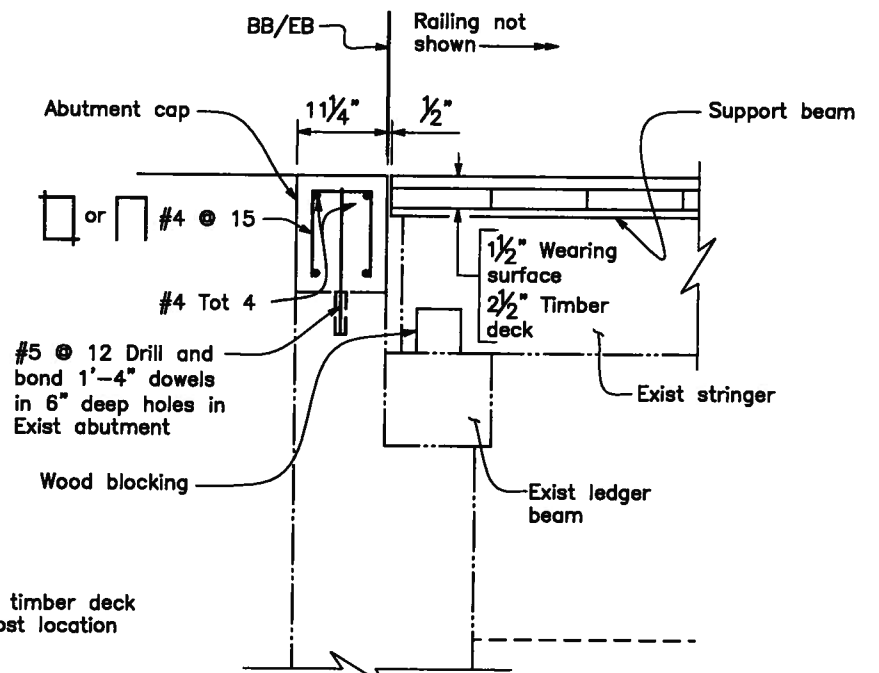
*See Note 1

PLAN
1"=1'-0"



*See Note 1

ELEVATION
1"=1'-0"



SECTION A-A
1-1/2"=1'-0"

Notes:

1. Cut shim height to match 2% cross slope.
2. Recess shim bolt holes to clear bolt heads below timber deck.
3. Shim lag bolts to be placed 4' OC along centerline Path.
4. Pre-drill lag bolt clearance holes prior to assembly.
5. The Contractor shall verify all controlling field dimensions before ordering or fabricating any materials.
6. Abutment 2 shown, Abutment 1 similar.

Exist structure

DATE SIGNED: 6/10/08
THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.



EL DORADO TRAIL - CULVERT BR.
RAILING & ABUTMENT DETAILS No. 2

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

DESIGNED BY: RLC	DATE: 3/28/08
DRAWN BY: JB	SCALE: AS SHOWN
CHECKED BY: ID	
APPROVED BY:	
REVISIONS:	
NO.	DATE

SHEET	59
OF	59
DATE:	3/28/08

EL DORADO COUNTY CALIFORNIA