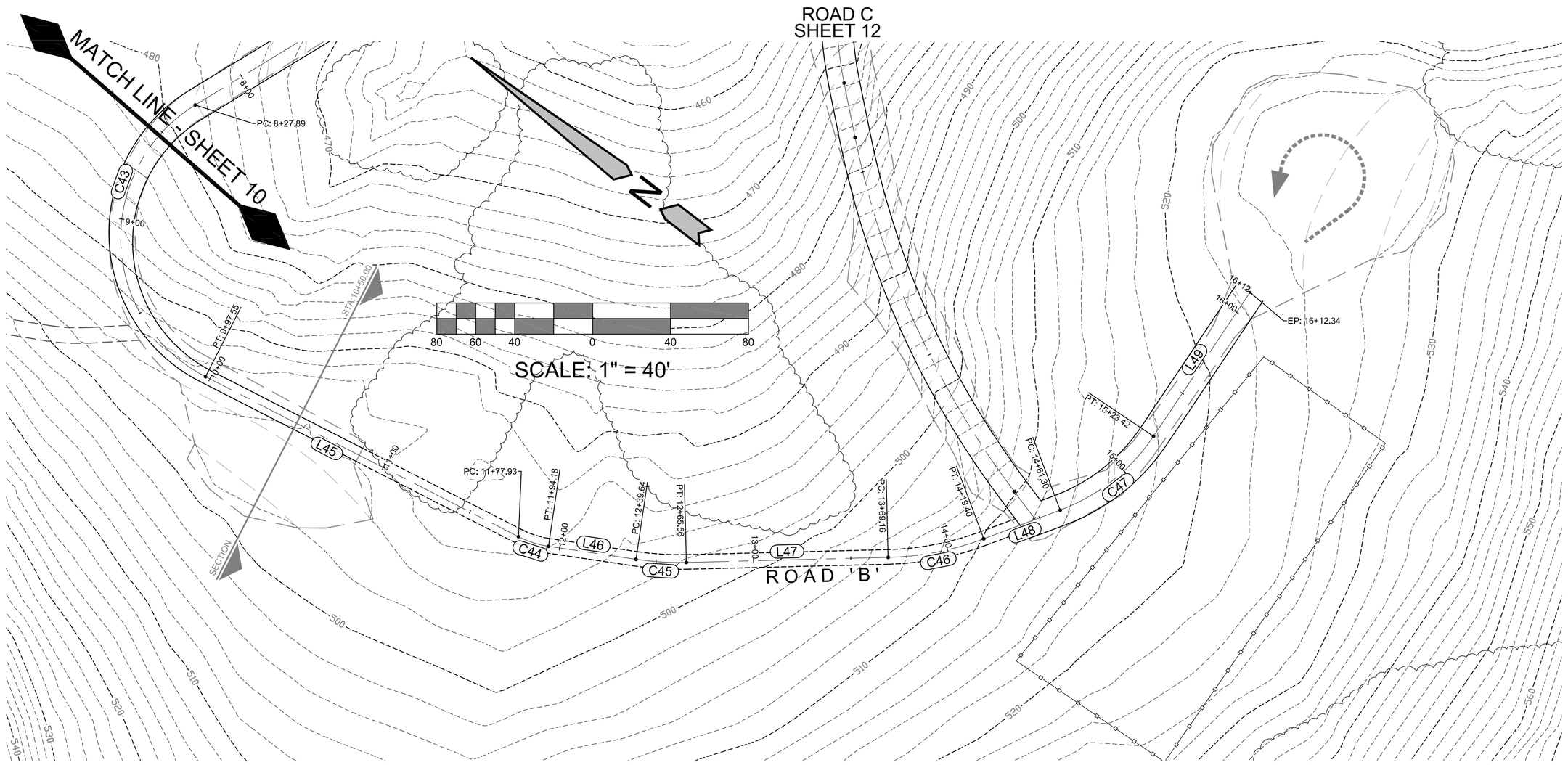

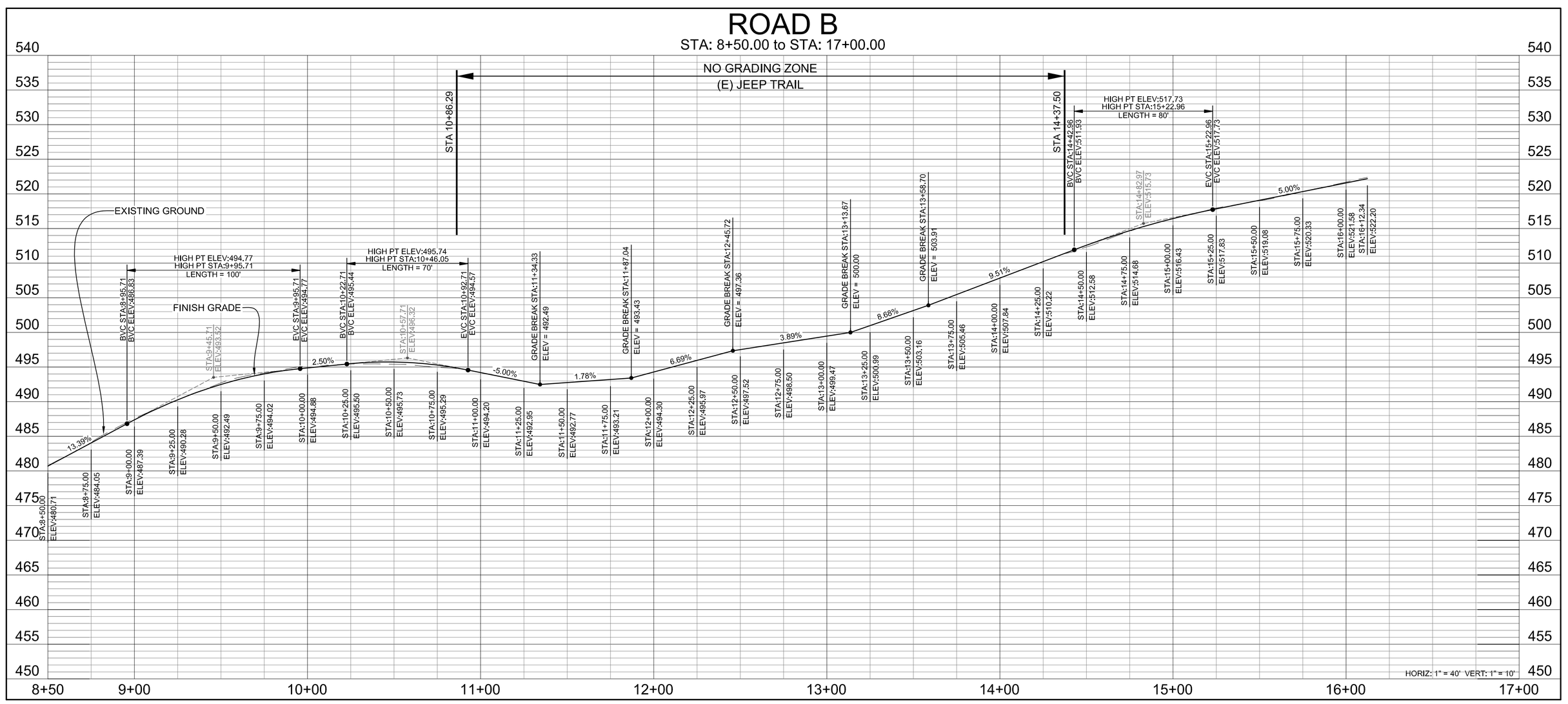

CENTERLINE DATA

ROAD B				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
C43	169.66'	- - -	80.00	121°30'44"
L45	180.38'	S10°32'09"E	- - -	- - -
C44	16.25'	- - -	50.00	18°36'58"
L46	45.46'	S29°09'08"E	- - -	- - -
C45	25.92'	- - -	150.00	9°53'59"
L47	103.61'	S39°03'07"E	- - -	- - -
C46	50.24'	- - -	150.00	19°11'25"
L48	41.90'	S58°11'37"E	- - -	- - -
C47	62.12'	- - -	100.00	35°35'25"
L49	88.92'	N86°12'57"E	- - -	- - -

SWALE SECTION

SCOPE OF WORK

AS-BUILT PLAN:

CUT:	206 CY
FILL:	207 CY
TOTAL EARTHWORK:	413 CY

REMEDIAL WORK:

AREA - NO REMEDIAL WORK BETWEEN STA 8+50 TO END

NOTE: EXTENT OF REMEDIAL WORK TO BE CONSIDERED PER ENGINEERING GEOLOGIST AT THE TIME OF MITIGATION. SEE GEOSOLUTIONS GEOLOGY REPORT NO. SLO6539-3, 2-26-10.

TOTAL REMEDIAL EARTHWORK

TOTAL EARTHWORK: 0 CY

REVISION

REVISION	DESCRIPTION	ISSUE DATE	BY

PROJECT ENGINEER

DATED

REGISTERED PROFESSIONAL ENGINEER
MATT PRIESS
RCE 69213
Exp. 6/30/10
CIVIL
STATE OF CALIFORNIA

GRANITE RIDGE
ENGINEERING GROUP
240 DAFFODIL AVE. NIPOMO CA 93444
(805) 720-2958 www.graniteridgegroup.com

ROAD B
STA 8+50 TO END

VERFIY SCALE
BAR IS ONE INCH
0 1"

SHEET DATA	
Job Name:	MIRAMONTE RANCH
Cad File:	AS BUILT GRADING
Plot Date:	5-11-2010
Drawn By:	MP
Sheet	11 OF 21

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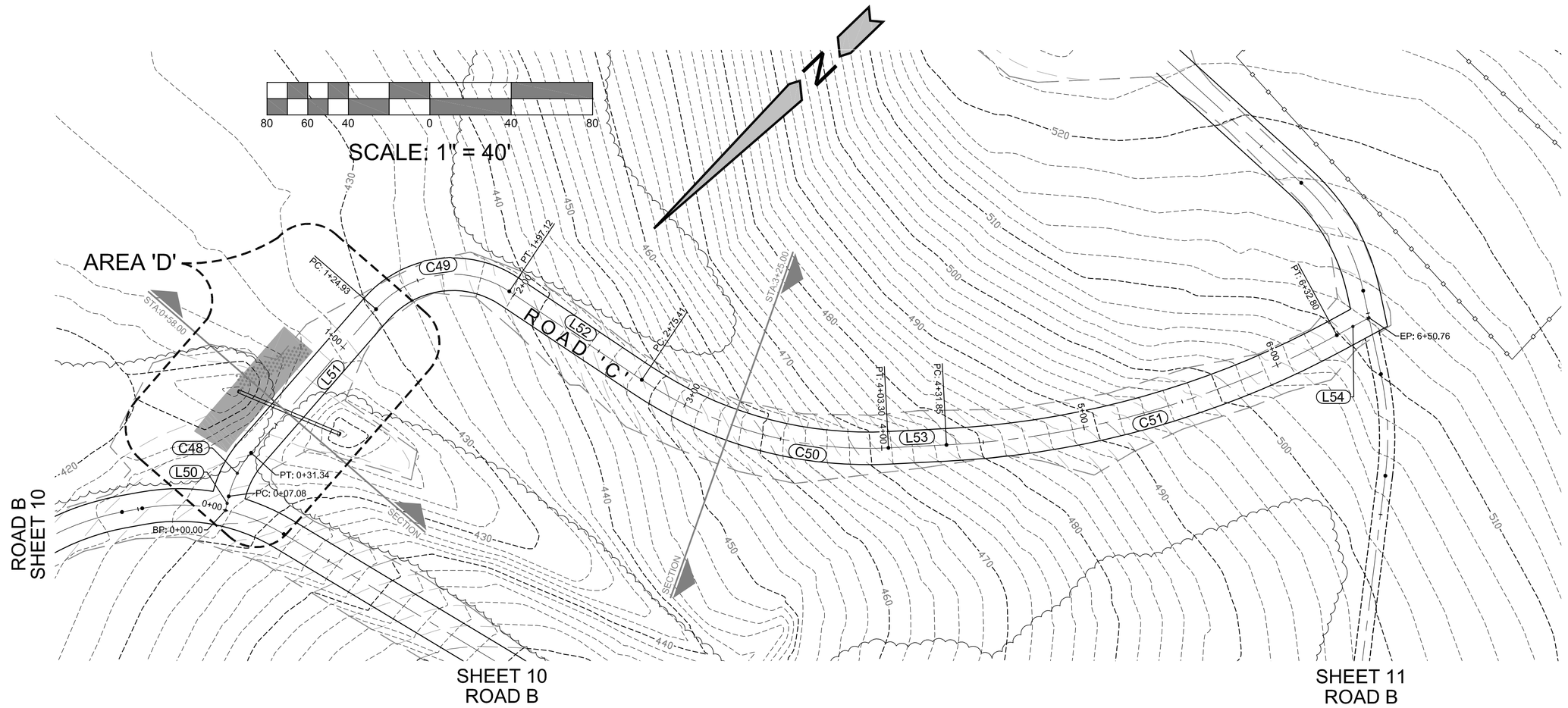
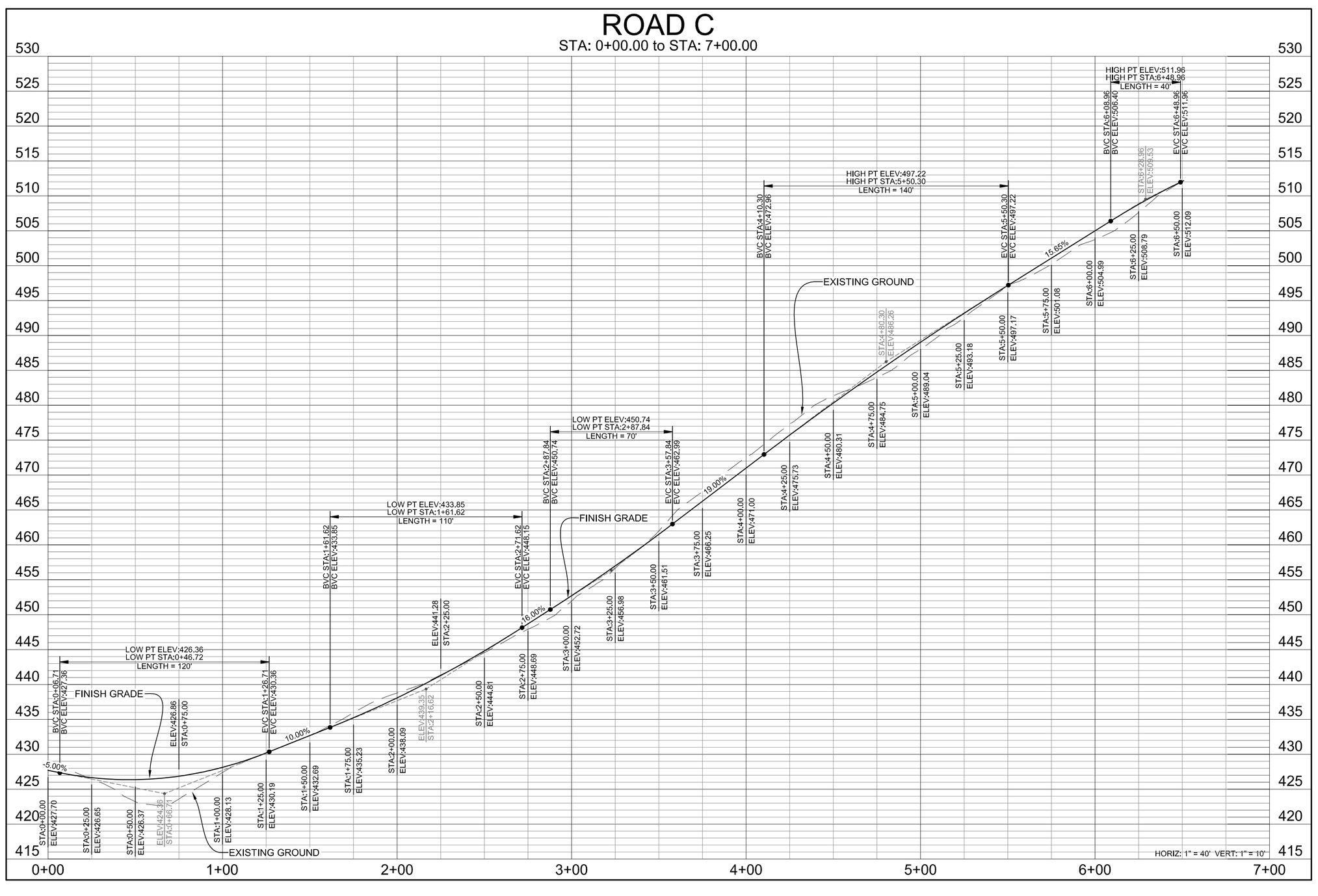


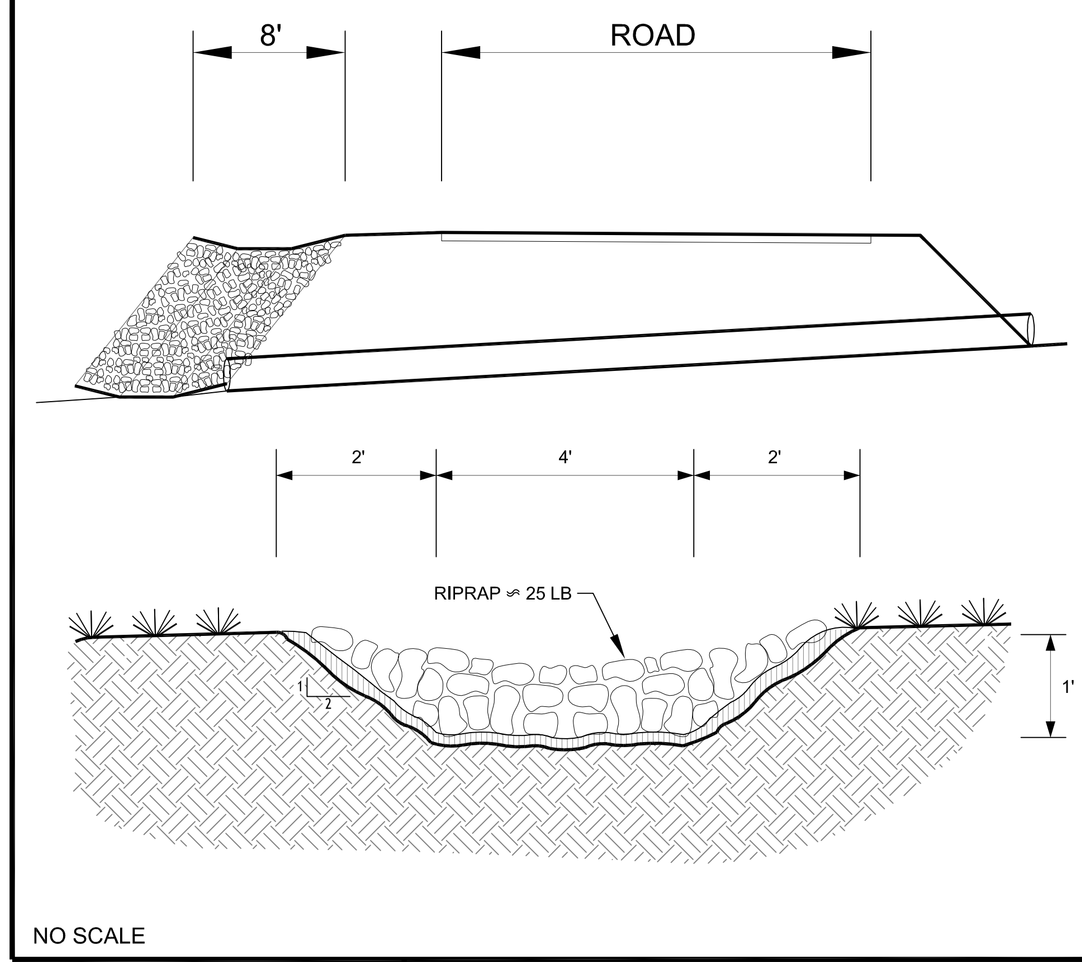


CENTERLINE DATA

ROAD C

SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L50	7.08'	S32°54'51"E	- - -	- - -
C48	24.26'	- - -	50.00	27°47'44"
L51	93.59'	S5°07'07"E	- - -	- - -
C49	72.19'	- - -	50.00	82°43'06"
L52	78.29'	S77°35'59"W	- - -	- - -
C50	127.90'	- - -	200.00	36°38'23"
L53	28.54'	S40°57'36"W	- - -	- - -
C51	200.95'	- - -	450.00	25°35'09"
L54	17.96'	S15°22'27"W	- - -	- - -

SWALE SECTION



NO SCALE

SCOPE OF WORK

AS-BUILT PLAN:

CUT:	542 CY
FILL:	444 CY
TOTAL EARTHWORK:	986 CY

REMEDIAL WORK:

AREA 'D'

CUT/FILL: 10 CY

DESCRIPTION: STABILIZE EAST SIDE FILL SLOPE

A) REMOVE LOOSE MATERIAL & COVER WITH EROSION MATTING OR ROCK ARMORING.

ALTERNATE - REMOVE LOOSE MATERIAL & ARMOR THE SLOPE FACE WITH ROCK BOULDERS (BACKING STONE CLASS SIZE).

B) AREA CONSIDERED FOR SURFACE CONTROLLED DRAINAGE OR CONVERTED TO SHEET FLOW DESIGNED BY THE PROJECT ENGINEER AS PER THE ENGINEERING GEOLOGIST AT THE TIME OF MITIGATION.

NOTE: EXTENT OF REMEDIAL WORK TO BE CONSIDERED PER ENGINEERING GEOLOGIST AT THE TIME OF MITIGATION. SEE GEOSOLUTIONS GEOLOGY REPORT NO. SLO6539-3, 2-26-10.

PROJECT STATISTICS TABLE

	CUT	FILL	TOTAL EARTHWORK	MAX CUT	MAX FILL	AVG SLOPE	AREA OF DISTURBANCE
REMEDIAL GRADING	5 CY	5 CY	10 CY	0.5 FT	0.5 FT	2:1	430 SF

REVISION	DESCRIPTION	ISSUE DATE	BY

PROJECT ENGINEER

DATED

REGISTERED PROFESSIONAL ENGINEER • MATT PRIESS • RCE 69213 Exp. 6/30/10 • CIVIL • STATE OF CALIFORNIA

GRANITE RIDGE ENGINEERING GROUP
240 DAFFODIL AVE. NIPOMO CA 93444
(805) 720-2958 www.graniteridgegroup.com

ROAD C
STA 0+00 TO END

VERFIY SCALE
BAR IS ONE INCH
0 1"

SHEET DATA

Job Name:	MIRAMONTE RANCH
Cad File:	AS BUILT GRADING
Plot Date:	5-11-2010
Drawn By:	MP
Sheet	12 OF 21

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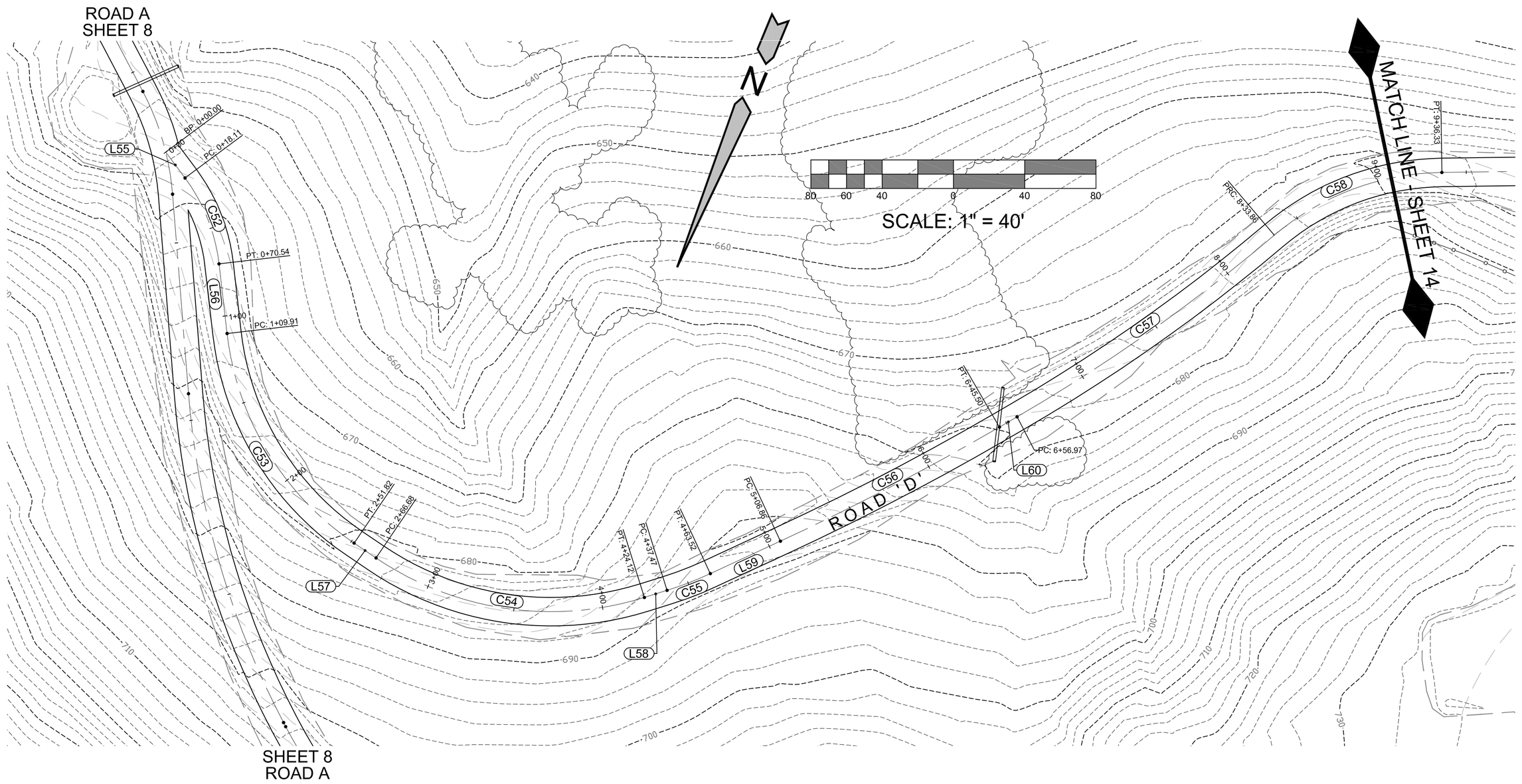
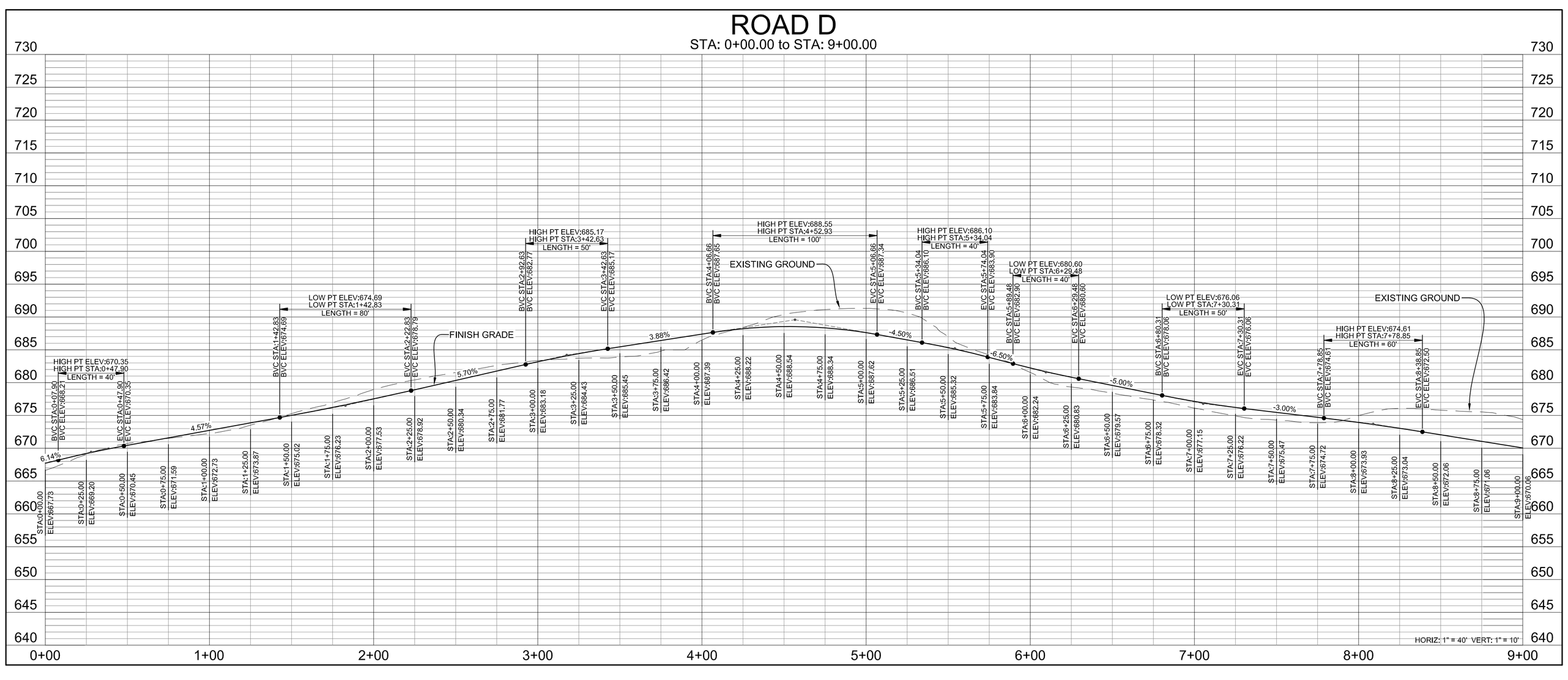


CENTERLINE DATA

ROAD D

SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L55	18.11'	N59°10'18"W	- - -	- - -
C52	52.44'	- - -	100.00	30°02'40"
L56	39.37'	N29°07'37"W	- - -	- - -
C53	141.91'	- - -	165.00	49°16'41"
L57	14.86'	N78°24'19"W	- - -	- - -
C54	157.44'	- - -	175.00	51°32'53"
L58	13.34'	S50°02'48"W	- - -	- - -
C55	26.05'	- - -	200.00	7°27'51"
L59	43.34'	S42°34'58"W	- - -	- - -
C56	138.65'	- - -	1500.00	5°17'46"
L60	11.46'	S37°17'12"W	- - -	- - -
C57	176.89'	- - -	1000.00	10°08'07"
C58	102.47'	- - -	148.62	39°30'10"



SCOPE OF WORK

AS-BUILT PLAN:

CUT:	820 CY
FILL:	671 CY
TOTAL EARTHWORK:	1492 CY

REMEDIAL WORK:

AREA - NO REMEDIAL WORK BETWEEN STA 0+00 TO STA 9+00

NOTE: EXTENT OF REMEDIAL WORK TO BE CONSIDERED PER ENGINEERING GEOLOGIST AT THE TIME OF MITIGATION. SEE GEOSOLUTIONS GEOLOGY REPORT NO. SLO6539-3, 2-26-10.

TOTAL REMEDIAL EARTHWORK

TOTAL EARTHWORK: 0 CY

REVISION	DESCRIPTION	ISSUE DATE	BY

PROJECT ENGINEER

DATED

REGISTERED PROFESSIONAL ENGINEER
MATT PRIESS
RCE 69213
Exp. 6/30/10
CIVIL
STATE OF CALIFORNIA

GRANITE RIDGE
ENGINEERING GROUP
240 DAFFODIL AVE. NIPOMO CA 93444
(805) 720-2958 www.graniteridgegroup.com

ROAD D
STA 0+00 TO STA 9+00

VERFIY SCALE
BAR IS ONE INCH
0 1"

SHEET DATA	
Job Name:	MIRAMONTE RANCH
Cad File:	AS BUILT GRADING
Plot Date:	5-11-2010
Drawn By:	MP
Sheet	13 OF 21

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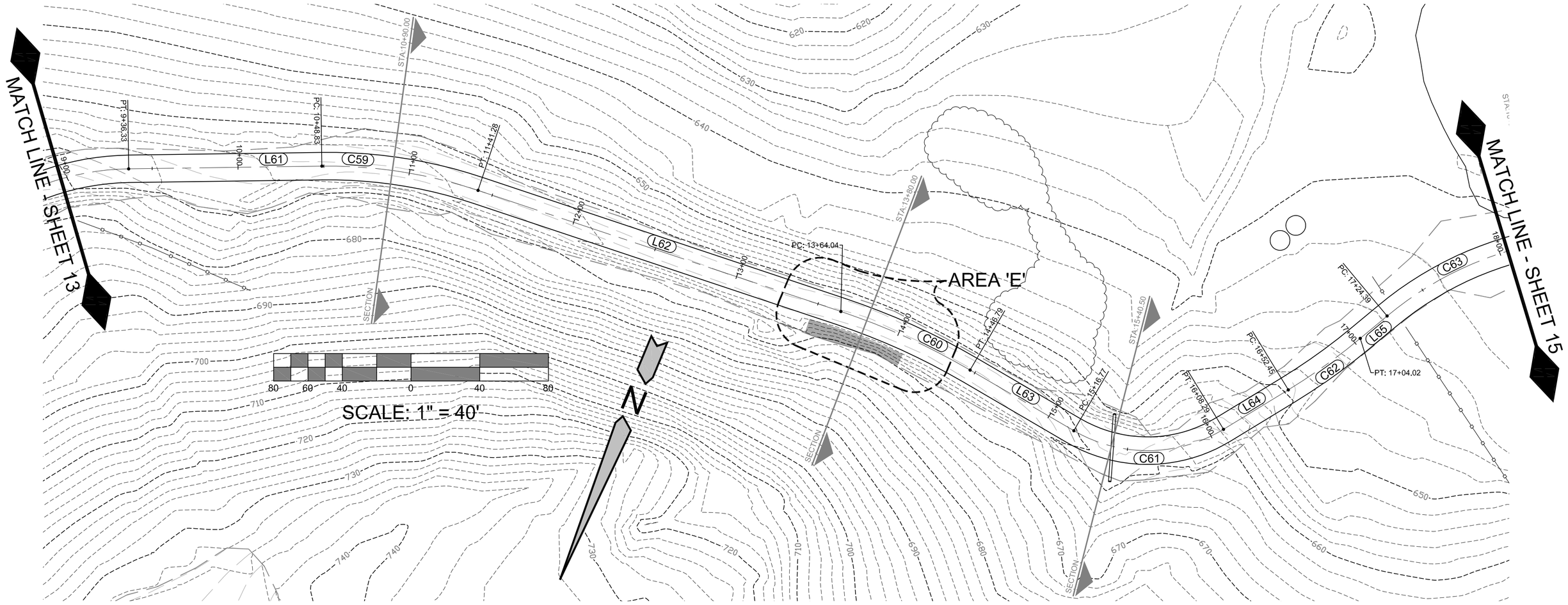

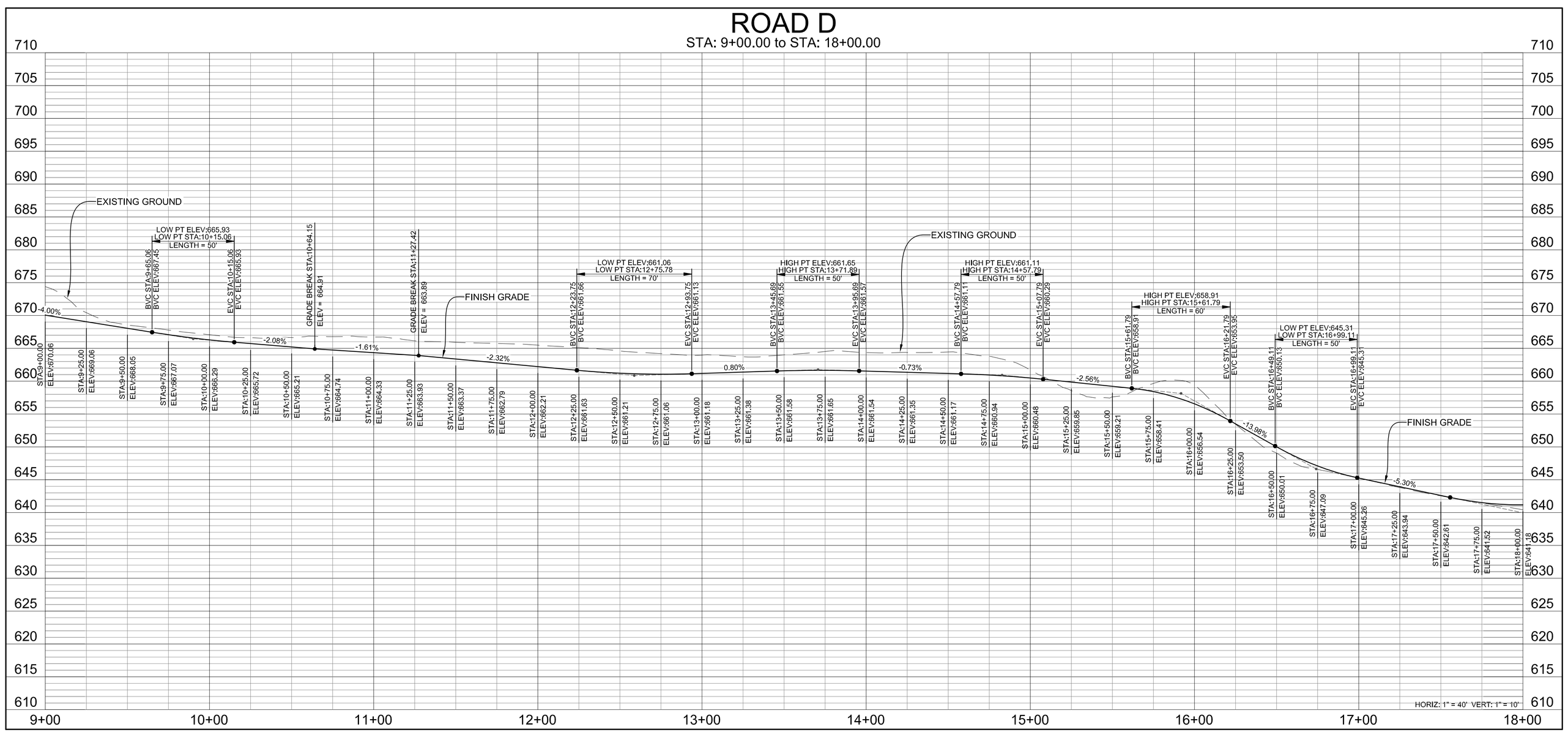

CENTERLINE DATA

ROAD D				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L61	112.50'	S66°39'15"W	- - -	- - -
C59	92.46'	- - -	275.00	19°15'48"
L62	222.76'	S85°55'03"W	- - -	- - -
C60	82.74'	- - -	400.00	11°51'08"
L63	69.98'	N82°13'48"W	- - -	- - -
C61	91.52'	- - -	85.00	61°41'36"
L64	44.16'	S36°04'36"W	- - -	- - -
C62	51.57'	- - -	350.00	8°26'29"
L65	20.38'	S27°38'07"W	- - -	- - -
C63	95.55'	- - -	200.00	27°22'22"

SCOPE OF WORK

AS-BUILT PLAN:

CUT: 817 CY
FILL: 999 CY
TOTAL EARTHWORK: 1817 CY

REMEDIAL WORK:

AREA 'E'

CUT/FILL: 123 CY
DESCRIPTION: REMOVE LOOSE MATERIAL & COVER WITH EROSION MATTING OR ROCK ARMORING.
ALTERNATE - REMOVE LOOSE MATERIAL & ARMOR THE SLOPE FACE WITH ROCK BOULDERS (BACKING STONE CLASS SIZE).
NOTE: EXTENT OF REMEDIAL WORK TO BE CONSIDERED PER ENGINEERING GEOLOGIST AT THE TIME OF MITIGATION. SEE GEOSOLUTIONS GEOLOGY REPORT NO. SLO6539-3, 2-26-10.

PROJECT STATISTICS TABLE

	CUT	FILL	TOTAL EARTHWORK	MAX CUT	MAX FILL	AVG SLOPE	AREA OF DISTURBANCE
REMEDIAL GRADING	121 CY	2 CY	123 CY	4.23 FT	0.71 FT	0.8%	1428 SF

REVISION

REVISION	DESCRIPTION	ISSUE DATE	BY

PROJECT ENGINEER

DATED

REGISTERED PROFESSIONAL ENGINEER * MATT PRIESS * RCE 69213 Exp. 6/30/10 CIVIL * STATE OF CALIFORNIA

GRANITE RIDGE
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ROAD D
STA 9+00 TO STA 18+00

VERFIY SCALE
BAR IS ONE INCH
0 1"

SHEET DATA

Job Name:	MIRAMONTE RANCH
Cad File:	AS BUILT GRADING
Plot Date:	5-11-2010
Drawn By:	MP
Sheet	14 OF 21

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