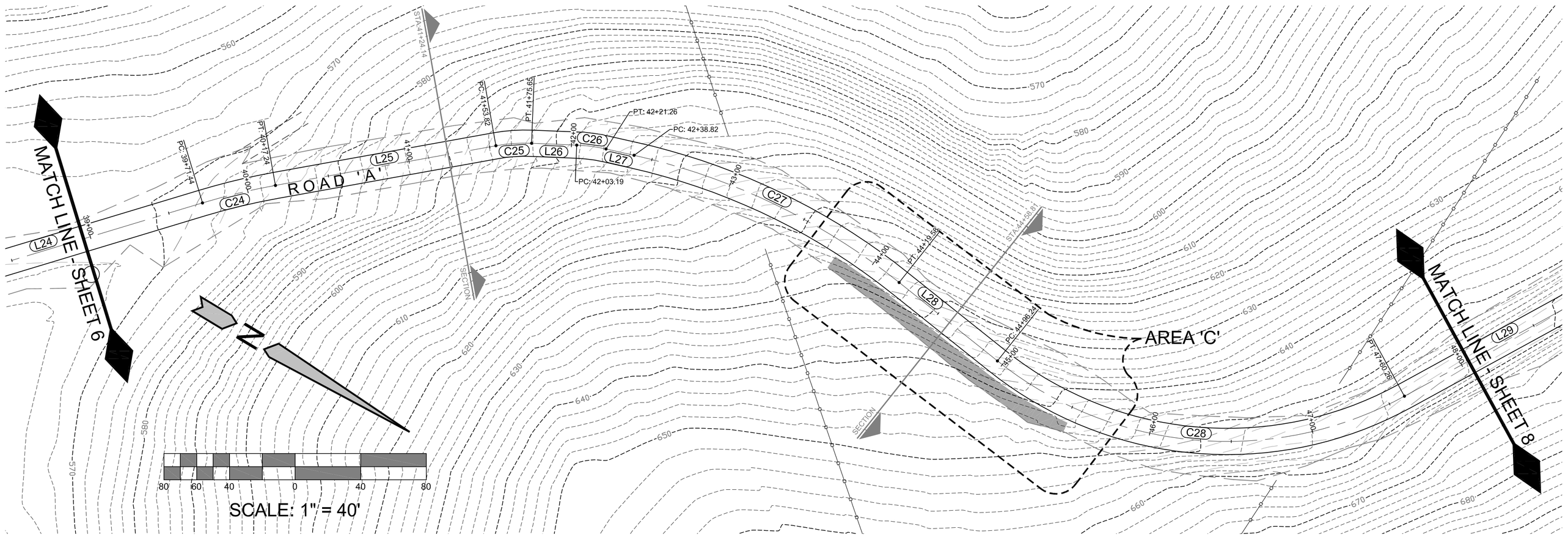
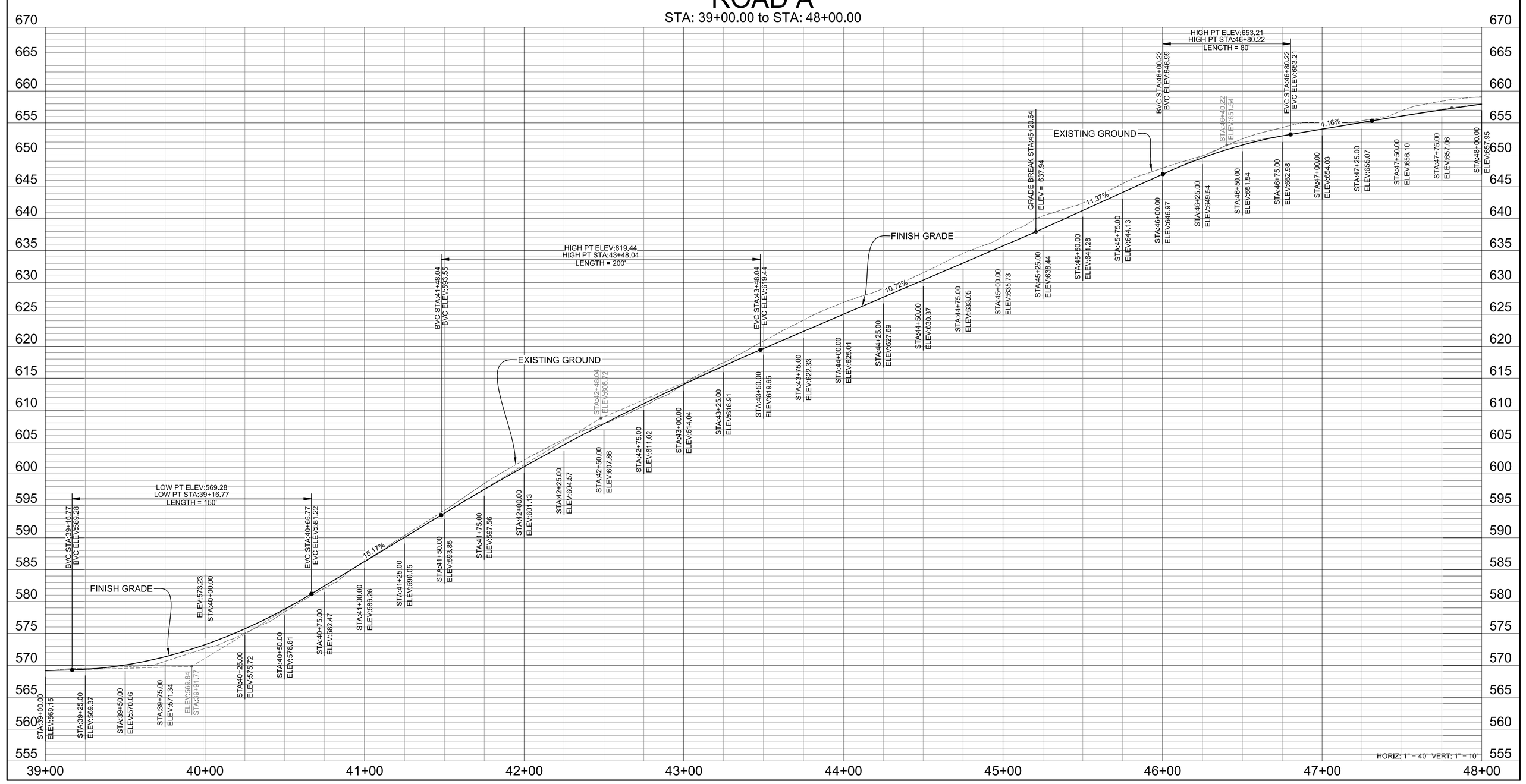


ROAD A

STA: 39+00.00 to STA: 48+00.00



CENTERLINE DATA

ROAD A				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L24	283.38'	N47°49'57"W	- - -	- - -
C24	45.80'	- - -	400.00	6°33'39"
L25	136.57'	N41°16'18"W	- - -	- - -
C25	21.84'	- - -	100.00	12°30'42"
L26	27.53'	N28°45'37"W	- - -	- - -
C26	18.07'	- - -	100.00	10°21'16"
L27	17.55'	N18°24'20"W	- - -	- - -
C27	180.77'	- - -	400.00	25°53'36"
L28	76.66'	N7°29'16"E	- - -	- - -
C28	264.02'	- - -	225.00	67°13'53"
L29	144.41'	N59°44'38"W	- - -	- - -

SCOPE OF WORK

AS-BUILT PLAN:

CUT: 522 CY
FILL: 639 CY
TOTAL EARTHWORK: 1161 CY

REMEDIAL WORK:

AREA 'C'

CUT/FILL: 122 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	122 CY	NA	122 CY	2.27 FT	0.00 FT	10.72%	2,022 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 ENGINEERING GROUP
240 DAFFODIL AVE. NIPOMO CA 93444
(805) 720-2958 www.graniteridggroup.com

ROAD A
STA 39+00 TO STA 48+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	7 OF 21

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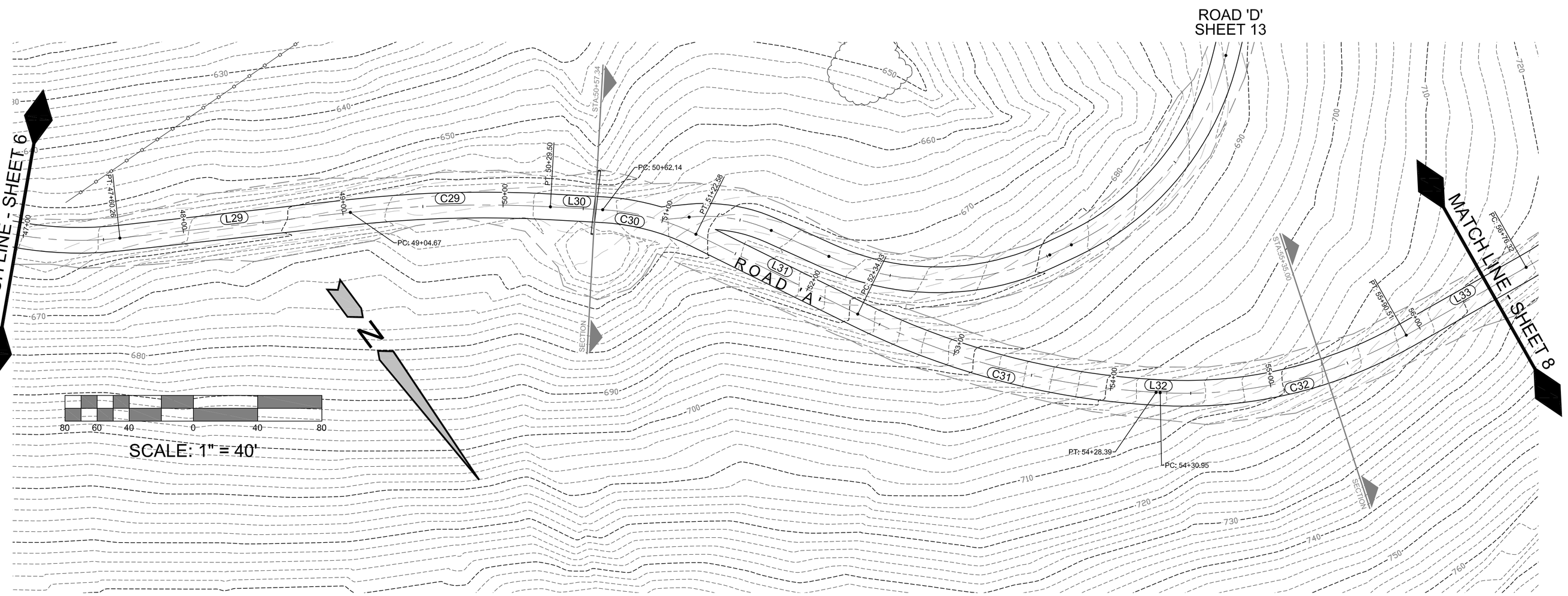

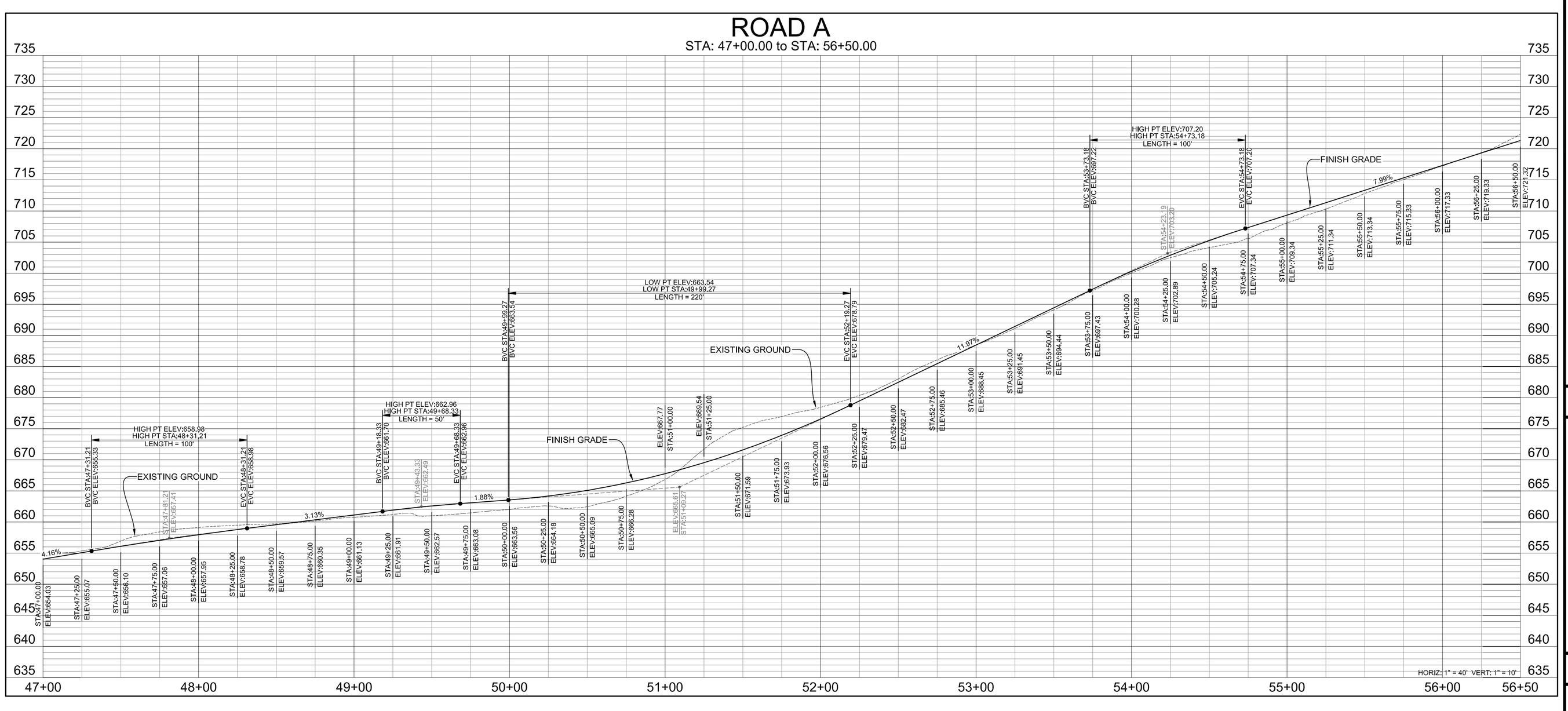

CENTERLINE DATA

ROAD A				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L29	144.41'	N59°44'38"W	- - -	- - -
C29	124.83'	- - -	750.00	9°32'10"
L30	32.63'	N50°12'27"W	- - -	- - -
C30	60.44'	- - -	150.00	23°05'09"
L31	112.36'	N27°07'18"W	- - -	- - -
C31	193.45'	- - -	480.00	23°05'30"
L32	2.57'	N50°12'48"W	- - -	- - -
C32	159.56'	- - -	280.00	32°38'59"
L33	85.81'	N82°51'47"W	- - -	- - -

SCOPE OF WORK

AS-BUILT PLAN:

CUT:	1057 CY
FILL:	864 CY
TOTAL EARTHWORK:	1921 CY

REMEDIAL WORK:

AREA - NO REMEDIAL WORK BETWEEN STA 47+00 TO STA 56+50

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 A
STA 47+00 TO STA 56+50

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	8 OF 21

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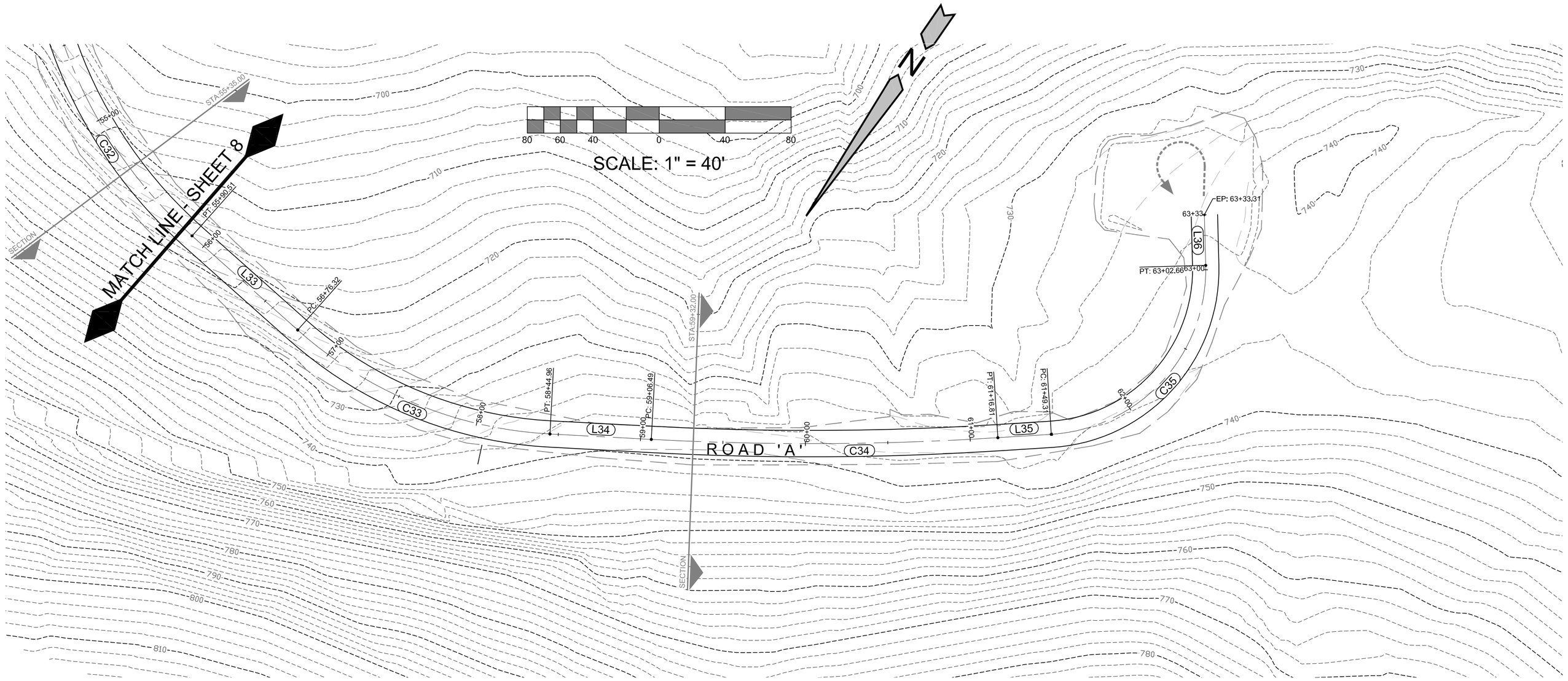

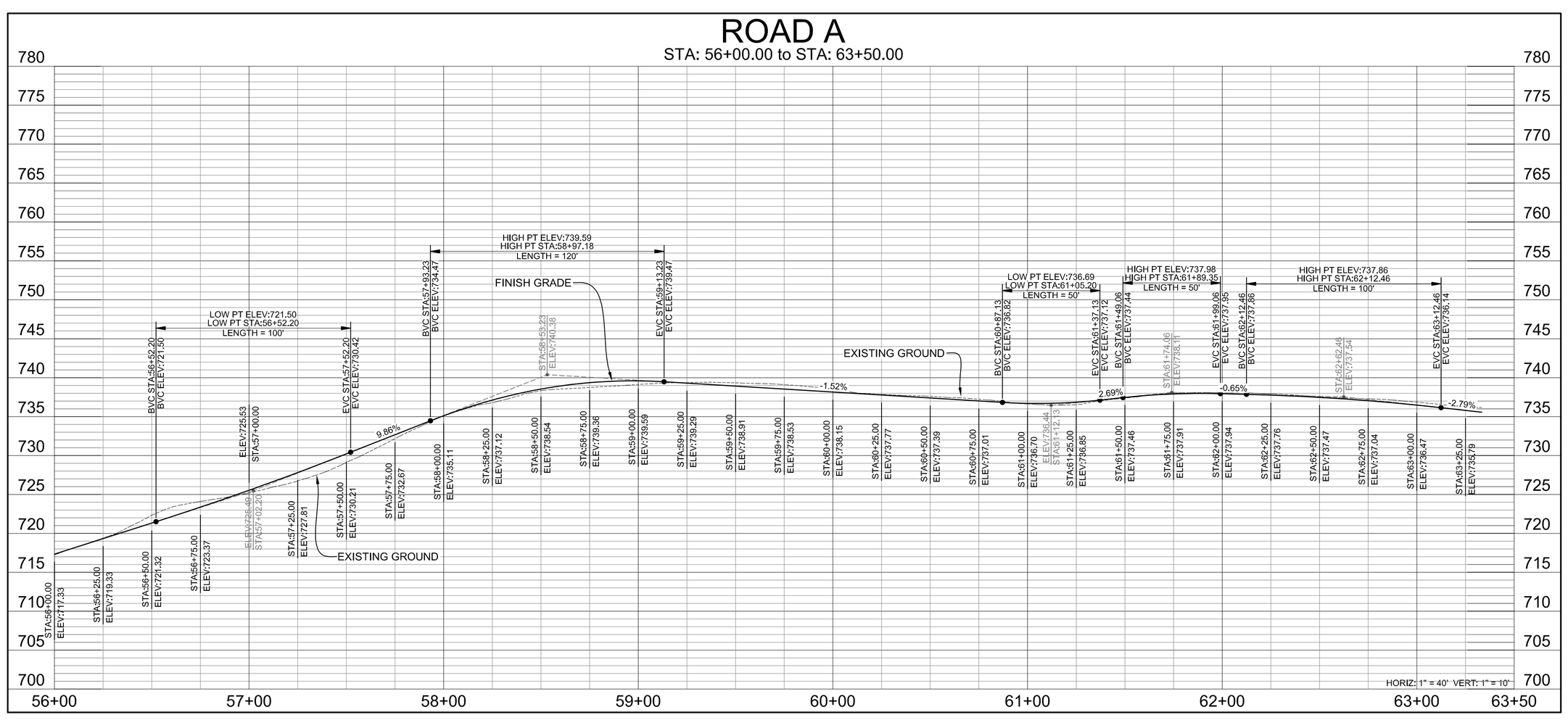

CENTERLINE DATA

ROAD A				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
C32	159.56'	- - -	280.00	32°38'59"
L33	85.81'	N82°51'47"W	- - -	- - -
C33	168.64'	- - -	250.00	38°39'00"
L34	61.53'	S58°29'13"W	- - -	- - -
C34	210.32'	- - -	1800.00	6°41'40"
L35	32.50'	S51°47'32"W	- - -	- - -
C35	153.34'	- - -	100.00	87°51'30"
L36	30.66'	S36°03'58"E	- - -	- - -

SCOPE OF WORK

AS-BUILT PLAN:

CUT:	312 CY
FILL:	380 CY
TOTAL EARTHWORK:	692 CY

REMEDIAL WORK:

AREA - NO REMEDIAL WORK BETWEEN STA 56+00 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 A
STA 56+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	9 OF 21

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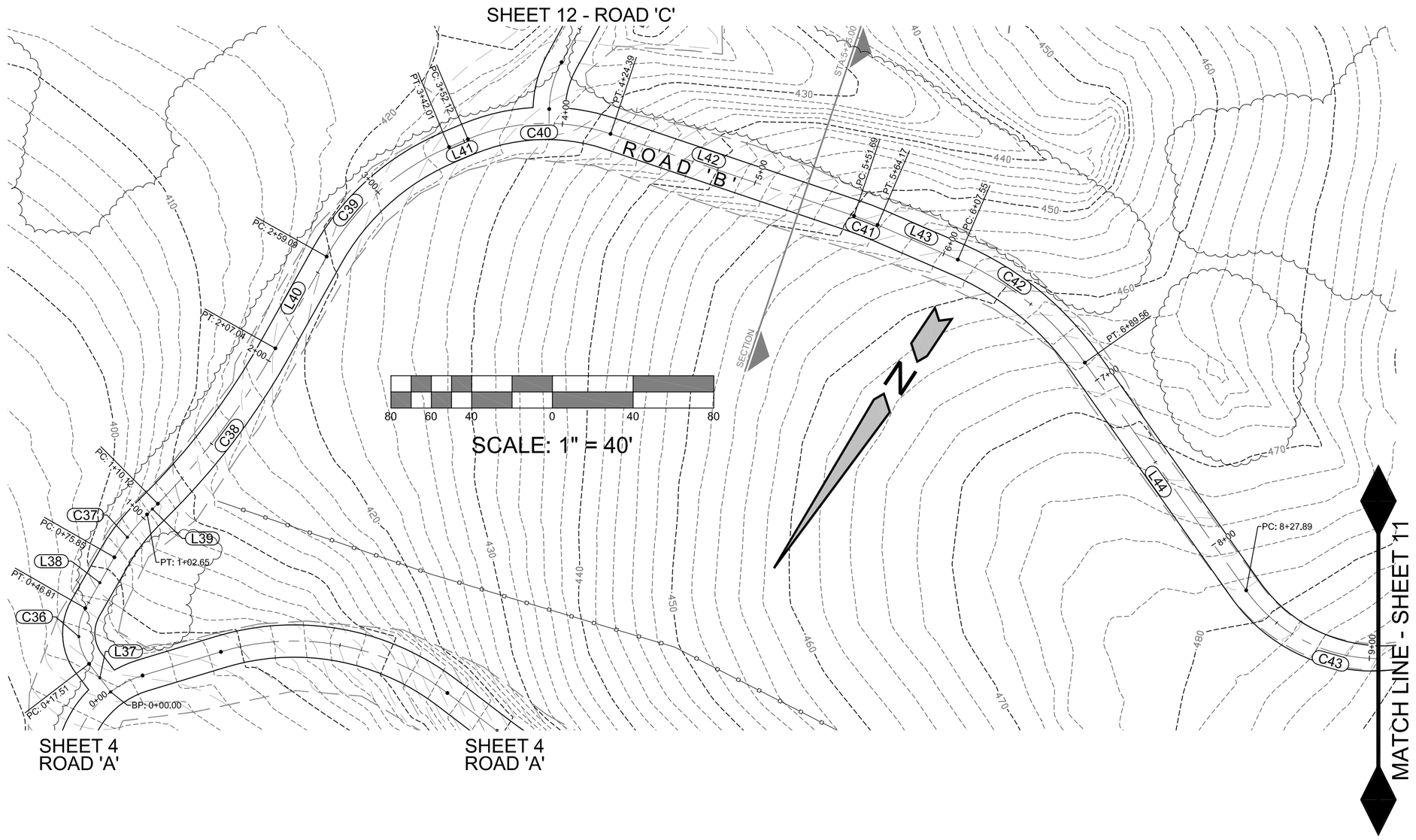

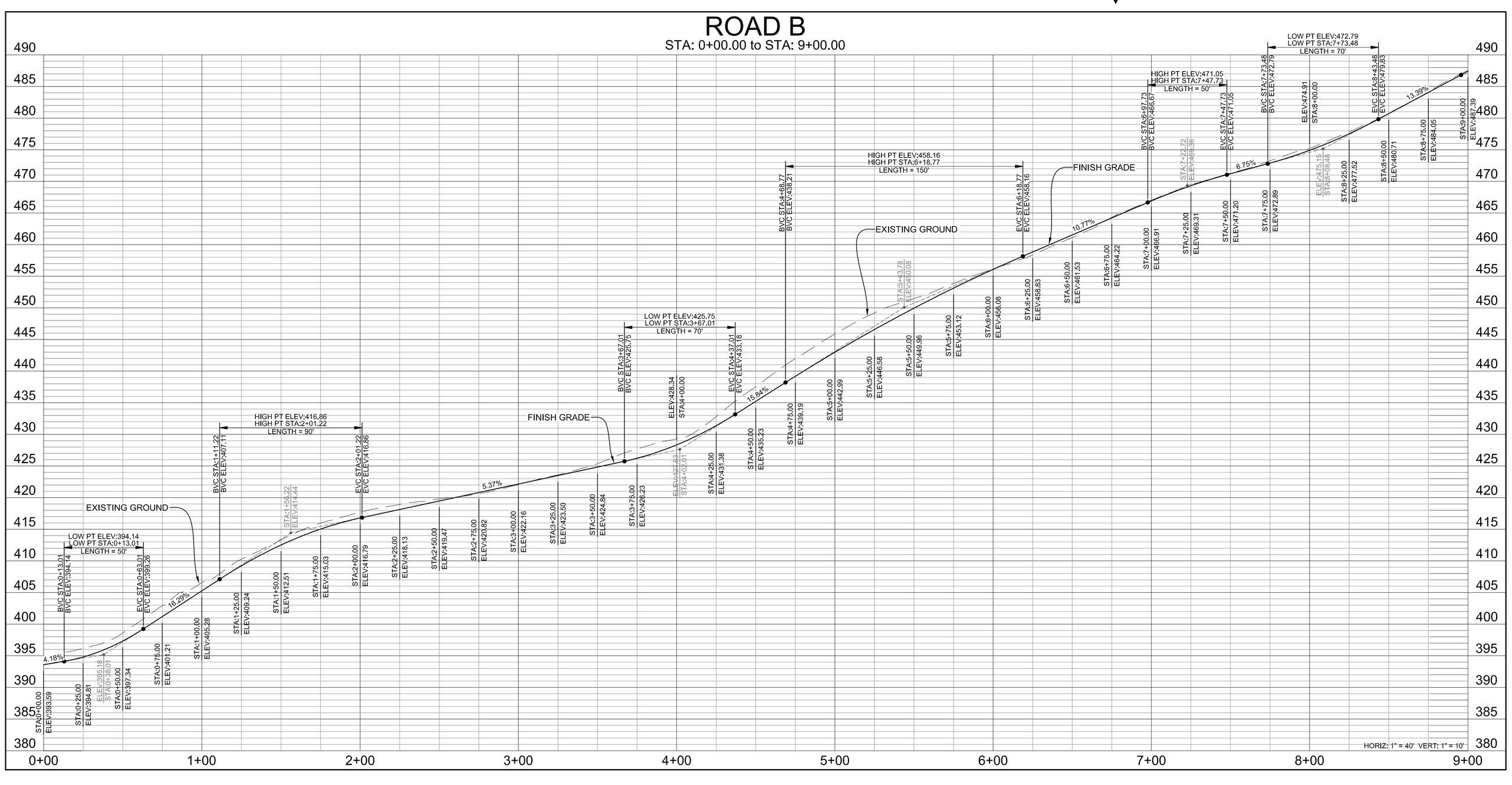

CENTERLINE DATA

ROAD B				
SEGMENT	LENGTH	BEARING	RADIUS	DELTA (Δ)
L37	17.51'	S71°10'07"E	- - -	- - -
C36	29.30'	- - -	25.00	67°08'29"
L38	29.04'	S4°01'38"E	- - -	- - -
C37	26.80'	- - -	100.00	15°21'24"
L39	7.48'	S11°19'45"W	- - -	- - -
C38	96.92'	- - -	350.00	15°51'56"
L40	52.05'	S4°32'11"E	- - -	- - -
C39	82.92'	- - -	125.00	38°00'30"
L41	10.11'	S33°28'19"W	- - -	- - -
C40	72.28'	- - -	100.00	41°24'39"
L42	127.29'	S74°52'58"W	- - -	- - -
C41	12.48'	- - -	150.00	4°46'04"
L43	43.39'	S79°39'02"W	- - -	- - -
C42	82.01'	- - -	150.00	31°19'33"
L44	138.32'	N69°01'25"W	- - -	- - -
C43	169.66'	- - -	80.00	121°30'44"

SWALE SECTION

SCOPE OF WORK

AS-BUILT PLAN:

CUT:	446 CY
FILL:	365 CY
TOTAL EARTHWORK:	811 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

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 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	10 OF 21

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