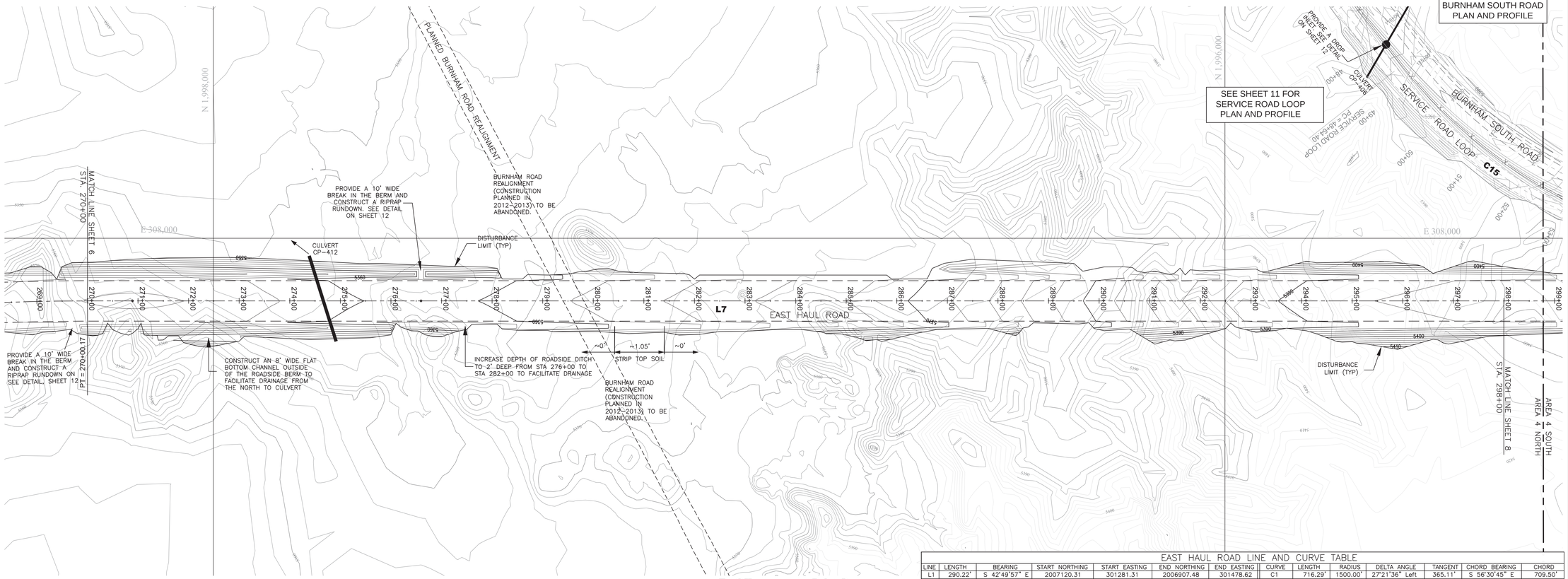


NOTE:
CULVERTS ARE TO BE INSTALLED AT EXISTING GRADE – NOT BURIED.

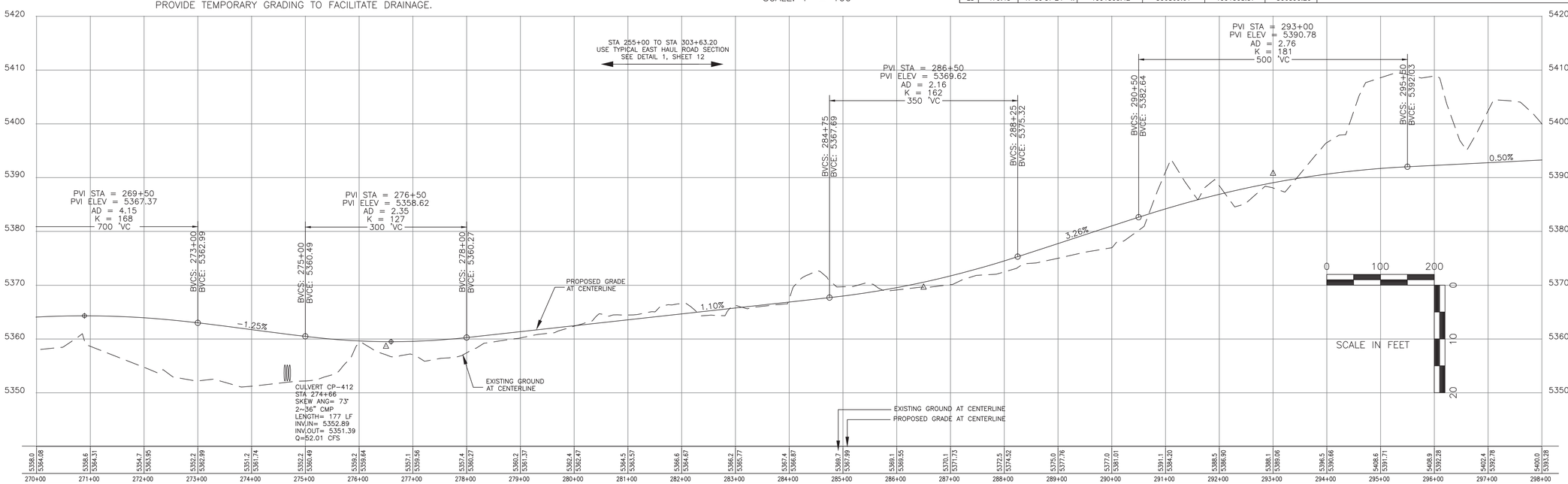
THESE PLANS ILLUSTRATE THE DESIGN OF THE PROPOSED EAST HAUL ROAD AND SERVICE ROAD LOOP AND ASSUME THAT THEY WILL BE CONSTRUCTED CONCURRENTLY WITH THE BURNHAM SOUTH ROAD. SEE EXHIBIT 40.6-1 FOR THE DESIGN OF THE BURNHAM SOUTH ROAD. IF CONSTRUCTION IS NOT PERFORMED CONCURRENTLY PROVIDE TEMPORARY GRADING TO FACILITATE DRAINAGE.

EAST HAUL ROAD
STA 270+00 TO 298+00
0 100' 200'
SCALE: 1" = 100'

EAST HAUL ROAD LINE AND CURVE TABLE

LINE	LENGTH	BEARING	START NORTHING	START EASTING	END NORTHING	END EASTING
L1	290.22'	S 42°49'57" E	2007120.31	301281.31	2006907.48	301478.62
L2	254.18'	S 70°11'34" E	2006516.01	302070.35	2006429.88	302309.50
L3	970.75'	S 20°42'24" E	2005842.62	302906.04	2004934.58	303249.28
L4	624.22'	S 24°51'45" E	2003798.53	304012.07	2003232.16	304274.52
L5	464.88'	S 68°02'33" E	2002522.33	305021.28	2002348.50	305452.44
L6	776.38'	S 44°46'50" E	2001969.29	306023.45	2001418.21	306570.33
L7	5743.03'	S 00°00'00" E	1998248.43	307876.19	1992505.40	307876.19
L8	479.43'	N 89°37'24" W	1991505.42	306869.61	1991508.57	306390.20

CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD BEARING	CHORD
C1	716.29'	1500.00'	27°21'36" Left	365.11'	S 56°30'45" E	709.50'
C2	863.70'	1000.00'	49°29'10" Right	460.86'	S 45°26'59" E	837.10'
C3	676.57'	1600.00'	24°13'40" Left	343.42'	S 32°49'14" E	671.54'
C4	700.64'	2000.00'	20°04'18" Right	353.95'	S 34°53'54" E	697.06'
C5	1055.08'	1400.00'	43°10'47" Left	554.01'	S 46°27'09" E	1030.29'
C6	690.19'	1700.00'	23°15'42" Right	349.91'	S 56°24'41" E	685.46'
C7	3517.07'	4500.00'	44°46'50" Right	1853.88'	S 22°23'25" E	3428.23'
C8	1577.37'	1000.00'	90°22'36" Right	1006.60'	S 45°11'18" W	1418.85'



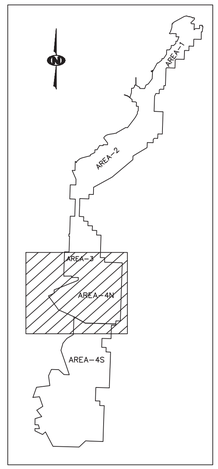
EAST HAUL ROAD
STA 270+00 TO 298+00
1"=100'H 1"=10'V

THE DESIGN FEATURES SHOWN ON THESE DESIGN PLANS ARE REASONABLE REPRESENTATIONS OF THE PROPOSED WORK BASED ON THE INFORMATION AVAILABLE AT THE TIME OF SUBMITTAL OF THIS PERMIT PACKAGE. ACTUAL CONSTRUCTION DETAILS MAY VARY FROM THOSE SHOWN.

NOT ISSUED FOR CONSTRUCTION

LEGEND

- BURNHAM SOUTH ROAD
- EAST HAUL ROAD
- SERVICE ROAD & SERVICE ROAD LOOP
- PAVED ROAD
- DIRT ROAD
- TRAIL
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- LOW SPOT ELEVATION
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- × 5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- INTERMEDIATE CONTOUR
- 218 5422.45 HORIZ. & VERT. CONTROL
- L-30 LEASE CORNER
- LEASE BOUNDARY
- PERMIT BOUNDARY



CERTIFICATION STATEMENT
I, GEORGE A. MADRID, P.E., HEREBY CERTIFY THAT THIS DRAWING WAS REVIEWED BY ME AND THAT THE INFORMATION SHOWN IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

GEORGE A. MADRID NEW MEXICO 9110 REGISTERED PROFESSIONAL ENGINEER

George A. Madrid

Digitally signed by George A. Madrid
DN: cn=George A. Madrid, o=GEOMAT Inc., ou=Engineering, email=george.madrid@geomatengineering.com, c=US
Date: 2014.05.23 13:42:51 -06'00'

GEOMAT INC.
915 Malta Avenue ◆ Farmington, NM 87401 ◆ (505) 327-7928

REV. No.	DATE	COMMENT
3	05-15-14	REVISED TITLE BLOCK
2	12-17-13	REVISED PER OSM COMMENT
1	03-15-12	REVISED TITLE & TITLE BLOCK
0	02-07-12	INITIAL PERMIT SUBMITTAL

EXHIBIT 23.2-2

NTEC
Navajo Transitional Energy Company, LLC

Navajo Mine
P.O. Box 1717
Fruitland,New Mexico,87416
Phone: 505-598-4200
Fax: 505-566-3361

PINABETE PERMIT

PLAN & PROFILE:
EAST HAUL ROAD
STA 270+00 TO 298+00

SHEET: 7 OF 13

PREPARED BY: BT&PR	DRAWN BY: BT&PR	SCALE: AS SHOWN
APPROVED BY: GM	DATE: 02-07-2012	
GEOMAT PROJECT NO. 112-1434		