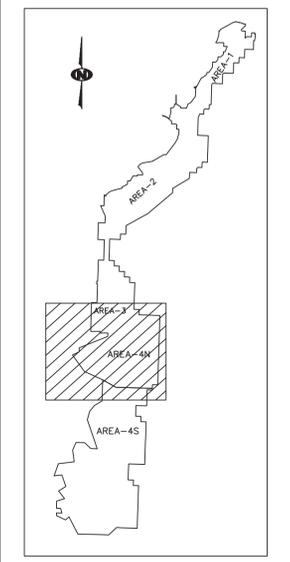


**LEGEND**

- 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
- x 5338.5
- 5360
- 218
- 5422.45
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- HORIZ. & VERT. CONTROL
- L-30
- LEASE CORNER
- LEASE BOUNDARY
- PERMIT BOUNDARY



SEE SHEET 7 FOR EAST HAUL ROAD PLAN AND PROFILE

SEE EXHIBIT 40.6-1 FOR BURNHAM SOUTH ROAD PLAN AND PROFILE

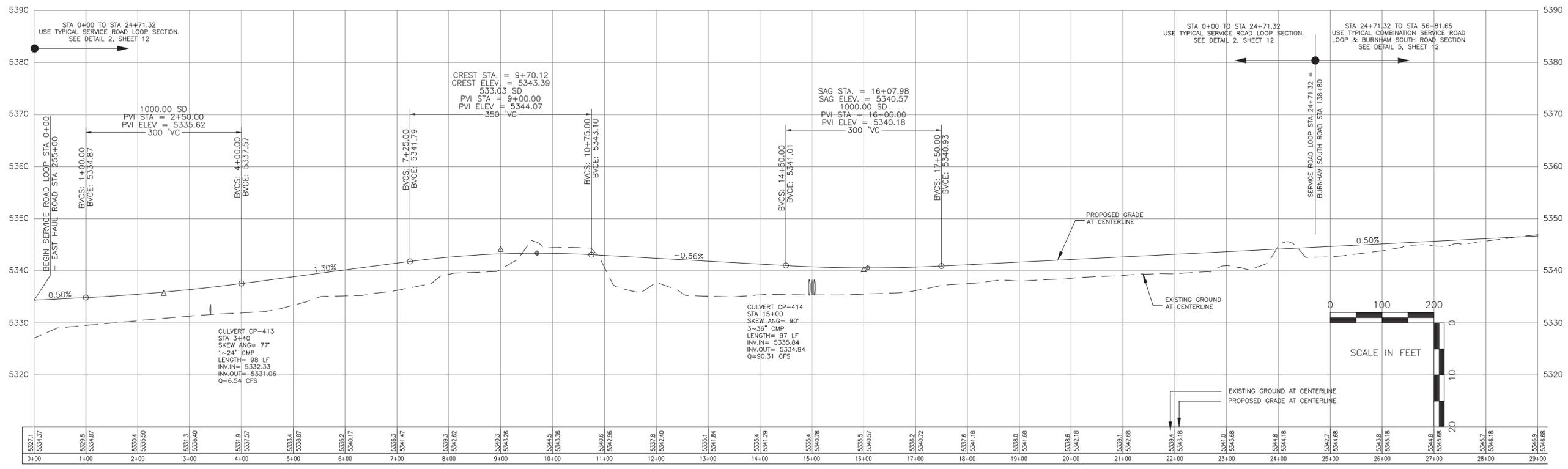
NOTE: CULVERTS ARE TO BE INSTALLED AT EXISTING GRADE - NOT BURIED.

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.

**SERVICE ROAD LOOP**  
STA 0+00 TO 29+00  
SCALE: 1" = 100'

**SERVICE ROAD LOOP LINE AND CURVE TABLE**

LINE	LENGTH	BEARING	START NORTHING	START EASTING	END NORTHING	END EASTING	CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD BRG	CHORD
C9	50.78'	4570.50'	00°38'12" Right	25.39'	S 18°46'57" E	50.78'	L10	230.93'	S 57°08'20" E	1999172.68	308117.32	1999047.38	308311.30
C10	675.00'	1000.00'	38°40'29" Left	350.93'	S 37°48'05" E	662.26'	L11	489.30'	S 23°29'59" E	1998606.14	308685.76	1998157.42	308880.86
C11	587.11'	1000.00'	33°38'21" Right	302.29'	S 40°19'09" E	578.72'	L12	182.81'	S 08°54'56" W	1997825.19	308923.38	1997644.59	308895.05
C12	339.45'	600.00'	32°24'55" Right	174.40'	S 07°17'52" E	334.94'	L13	524.07'	S 51°49'39" W	1995992.63	308739.28	1995668.73	308327.29
C13	607.90'	996.42'	51°49'39" Left	484.13'	S 25°54'49" W	870.90'							



**SERVICE ROAD LOOP**  
STA 0+00 TO 29+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**

**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.



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

REV. NO.	DATE	DESCRIPTION
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

**PINABETE PERMIT**

PLAN & PROFILE:  
SERVICE ROAD LOOP  
STA 0+00 TO 29+00

SHEET: 10 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