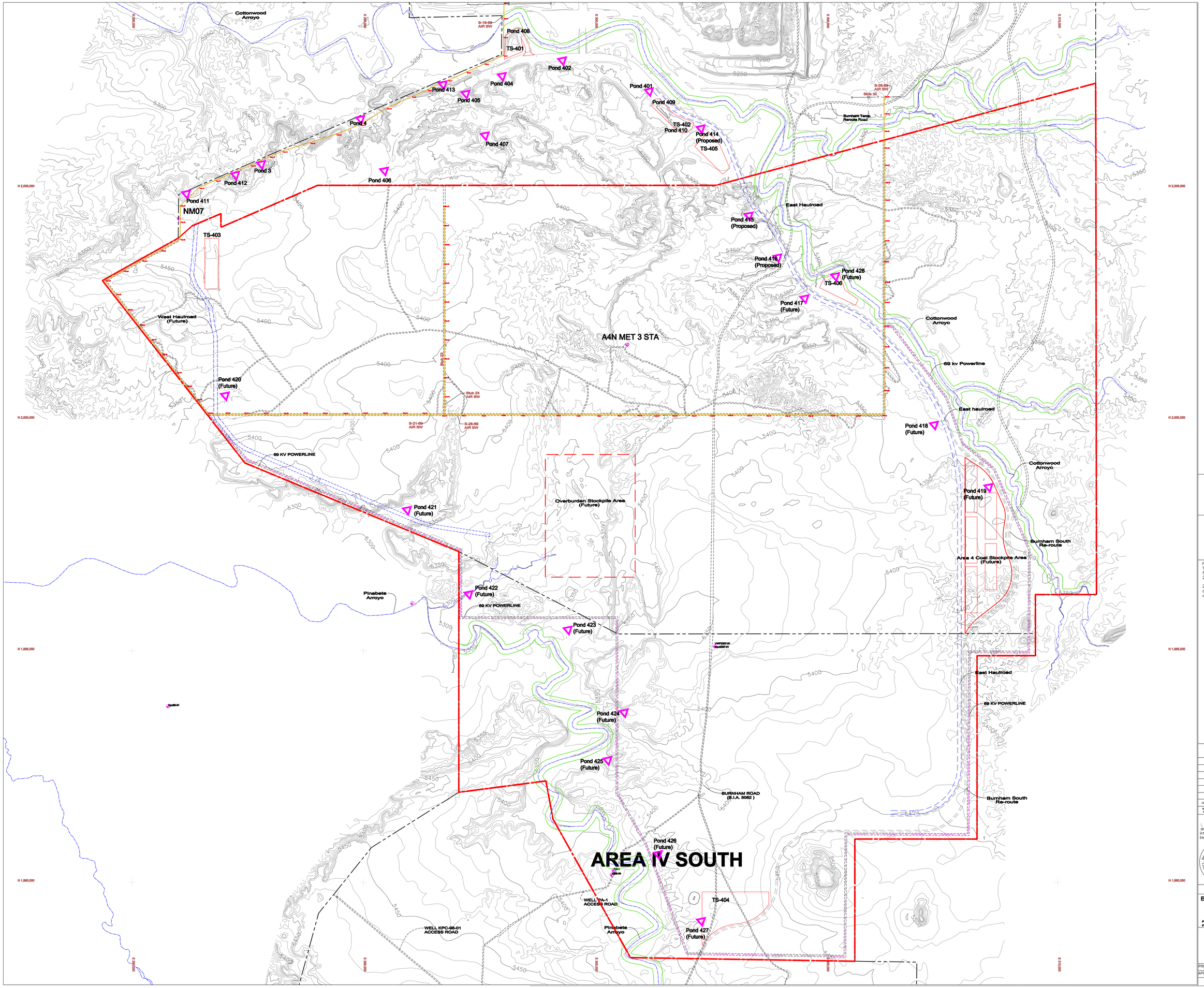

LEGEND

- PAVED ROAD
- DIRT ROAD
- HAUL ROAD
- TRAIL
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- STEAM BUFFER ZONE
- POWERLINE
- × 5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- INTERMEDIATE CONTOUR
- 218 5422.45 HORIZ. & VERT. CONTROL
- L-30 LEASE CORNER
- LEASE BOUNDARY
- POST-2016 PERMIT BOUNDARY
- MONITORING SITES
- POND LOCATION POINTS

600 0 600 1200

CONTOUR INTERVAL: 10'

Topo Revised by

Aero-Graphics, Inc.

2930 South West Temple
Salt Lake City, Utah 84115

Notes:
1. The design data for the mine support facilities are referenced on Tables 22.1-1, 23.2-1 and 26.2-1.

2. The hydrology and supporting design data for the drainage control structures are referenced on Table 26.2-1.

Original certified signed exhibits are maintained at the mine site and at OSM.

REV. No.	DATE	DRAWN BY	REVISION DESCRIPTION	REVIEW BY	E.G.	P.E.	DATE CERTIFIED
12-A	FEB 2012	RY	PREPARED FOR SUBMITTAL TO OSM	RV	MO	RV	

APPROVALS

CERTIFICATION STATEMENT

I Ron C. Van Valkenburg, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

RON C. VAN VALKENBURG NEW MEXICO 9263 LICENSED PROFESSIONAL ENGINEER

Van Valkenburg, Ron RC
2012.02.21 17:34:07 -07'00'

EXHIBIT 22.1-1

BHP NAVAJO COAL COMPANY

bhpbilliton

P.O. BOX 1717
FRUITLAND, NEW MEXICO 87416

PHONE (505) 598-4200
Fax(505) 598-4229

LOCATION MAP MINE SUPPORT FACILITIES

PREPARED BY RV	DRAWN BY RY	SCALE: 1"=600'
APPROVED BY	DATE Feb 2012	Sheet 1 of 1