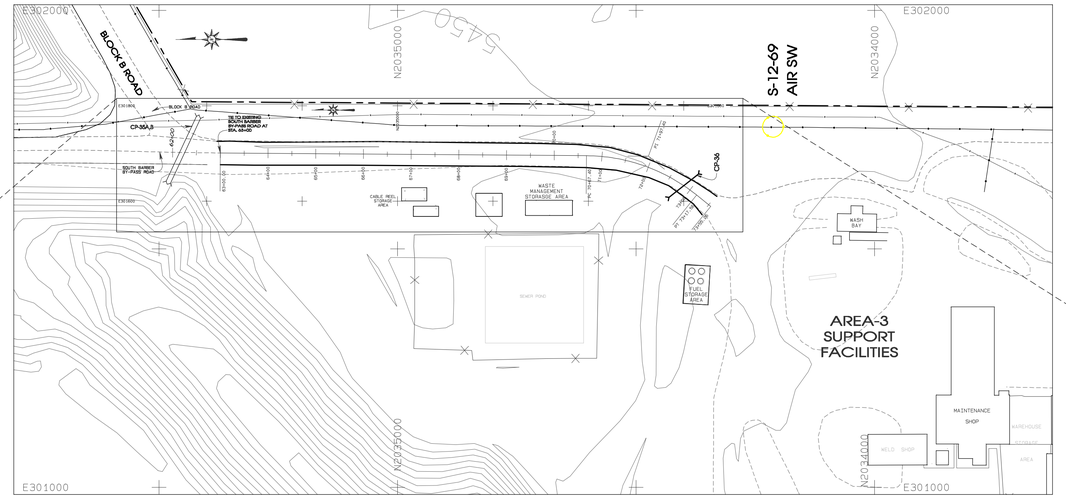
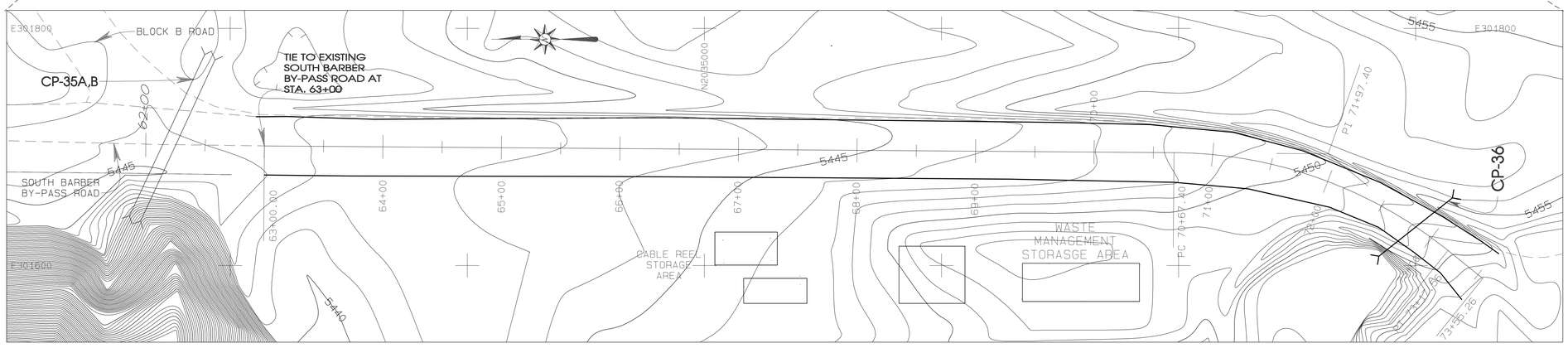
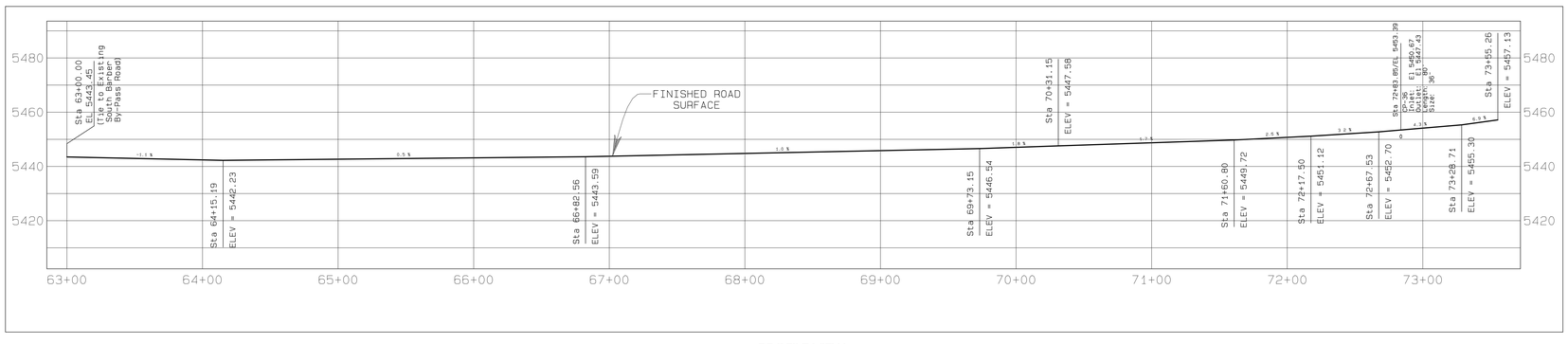


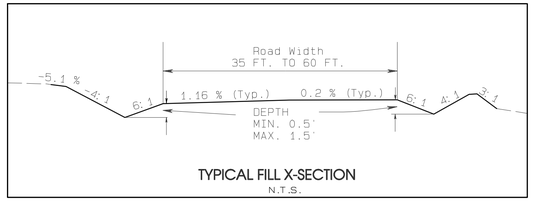
LOCATION MAP
SCALE: 1" = 150'



PLAN VIEW
SCALE: 1"=50'



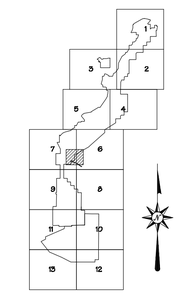
PROFILE VIEW
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 25'



TYPICAL FILL X-SECTION
N.T.S.

LEGEND

- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5298 INTERMEDIATE CONTOUR
- 218 5422.45
- L-30 LEASE CORNER
- LEASE/PERMIT BOUNDARY



REV. NO.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.G.	P.E.	APPROVALS
DB-A	5-20-09	PJF	AS-BUILT SOUTH BARBER BY-PASS EXTENSION ROAD AND SUBMITTED TO OSM FOR REVIEW.	RCVV	YB	RCVV	

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

EXHIBIT 11-100E

NAVAJO COAL COMPANY

bhpbilliton

P.O.BOX 1717 FARMINGTON, NEW MEXICO 87416/PHONE 505-598-4200/FAX 505-598-3361

AREA-II
SOUTH BARBER BY-PASS EXTENSION ROAD
PLAN/PROFILE AS-BUILT

PREPARED BY PJF	DRAWN BY PJF	AS NOTED
APPROVED BY RVV	DATE 4-05-09	

Path: \\ENCWMCFMN-SRV02\Data\Departments\Gs\DSM_SUBM\PER_PROG\CH_11_PAP EXHIBITS\11-100-BARBER BY-PASS-2\EXHIBIT\Exh 11-100ESo Barber By-Pass Ext.pro
PJFoster \Plot time: Fri May 22 06:44:30 2009