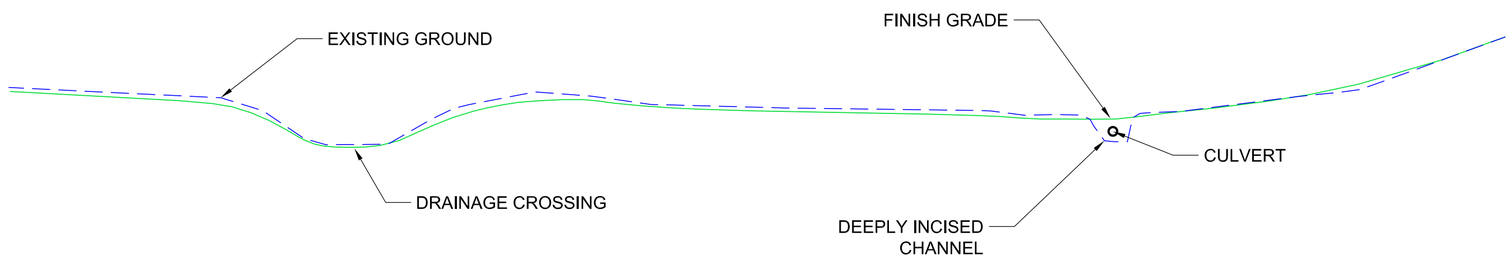
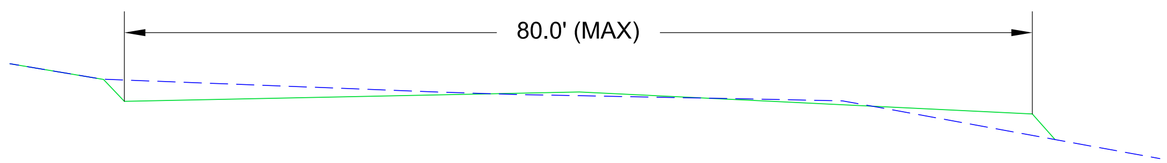
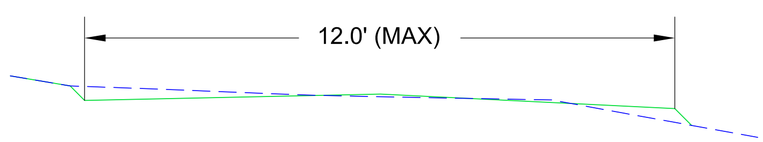


TYPICAL PROFILE
N.T.S



NEW ANCILLARY ROAD
FOR TOPSOIL HAULAGE
TYPICAL SECTION
N.T.S.



NEW ANCILLARY ROAD
FOR SMALL VEHICLES
TYPICAL SECTION
N.T.S

EXISTING TWO TRACK ROADS
CLASSIFIED AS ANCILLARY ROADS
TYPICAL SECTION
N.T.S

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

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 Van Valkenburg

Van Valkenburg, Ron RC
2012.03.01 17:03:52 -07'00'

RON C. VAN VALKENBURG
NEW MEXICO
9263
LICENSED PROFESSIONAL ENGINEER

DATE CERTIFIED

REVISION
1/4 Prepared for submittal to OSM FEB 2012

PROJECT MANAGER: CN
ENGR. of RECORD: RV
REG. NO: 9263
SRVYR of RECORD:
REG. NO:

bhpbilliton
BHP NAVAJO COAL COMPANY
PINABETE PERMIT
PO BOX 1717,FRUITLAND,NEW MEXICO,87416 PHONE 505-598-4200/FAX 505-598-4229

PROJECT: POST-2016
DATE: 9/16/11
DESIGNED BY: LR
DRAWN BY: RY
CHECKED BY: RV
APPROVED BY: RV

TYPICAL SECTIONS
AND PROFILES

EXHIBIT 23.3-1
TYPICAL
ANCILLARY ROADS
DESIGN

DRAWING

SHEET 1
OF 1