REQUIRED LIST								
NO.	NAME	MK.	NO. PCS.	DESCRIPTION	LGTH.	PC. MK.	REMARKS	WT.

MINE 32 NORTH FEEDER
1/C 500 MCM-15 KV SHIELDED
UNGROUNDED NEUTRAL, 85°C
RUBBER INSULATED

TRANSITE CONDUIT
2" FOR TELE. ALL OTHERS 3"

⅝ ø STEEL RODS
UNDER TRACKS &
ROAD ONLY

MINE 32 SOUTH FEEDER
1/C 500 MCM-15 KV SHIELDED
UNGROUNDED NEUTRAL, 85°C
RUBBER INSULATED

SECTION "B-B"

DETAIL MH "1"

SECTION "A-A"

DETAIL-HANDHOLE

SECTION E-E

3 STRAND COPPERWELD CABLE
O.B. #89289 GROUND WIRE BRACKET
#4/0 - 7 STRAND BARE COPPER CABLE
O.B. #38352 PIN TYPE INSULATOR &
O.B. #11955 "9" INSULATOR PIN

DETAIL - 45' POLES

MINE 32 NORTH FEEDER
SEE DWGS

CAP SPARES

POLE NO.

AL ELBOWS

DUCT TO CONDUIT ADAPTER

MH "1"

MINE 32 SOUTH FEEDER
SEE DWGS

BOTTOM OF FILL

TOP OF FILL

MAKE SMOOTH CURVED CONDUIT ALIGNMENT
BY OFFSETTING SHORT PIECES OF THE
CONDUIT AT AN ANGLE OF 5°.

192'-3½"

1'-6" x 1'-6" x 2'-0" TELEPHONE HAND HOLE

170'

FENELEC CONTROL DUCT RUN

270'-0"

101'-0"

215'-0"

45' STEEL POLE

45' STEEL POLE

45 KV-132 KV SUBSTATION

FENELEC

GRIP

72"

6"

FOUNDATION DETAIL
45' STEEL POLE

HOOK BOLT DETAIL
1⅜ ø TOTAL LENGTH 8'0"
AB-4

GROUND

8'-0"

4 ø 8'-0 HOOK BOLTS

SUBSTATION LIGHTING

2" RSAHA-3/8" CONDUIT TO LGTS. ON OTHER BUILDINGS

2" RMAW-3/8" CONDUIT
FOR W. BY. WISE

2"/0-3/8" CONDUIT

30 A. SWITCH

(TO AB BREAKER & IN SW. GR.)

3" TRANSITE BY OTHERS
2'-10 RMA BY CONTRACTOR

NOTES:
SEE DWG 3223-269 FOR GENERAL NOTES.

DWG. NO.	REFERENCE	NO.	DATE	BY
		REVISIONS		

MINE 32 SLOPE
ELECTRICAL DISTRIBUTION SYSTEM-SH.1

DIVISION CAMBRIA — MINE NO. 32 SLOPE

BETHLEHEM MINES CORPORATION
ENGINEERING DEPARTMENT - JOHNSTOWN, PA.

DRAWN O. DREON	DATE 6/62	ORDER NO. 9028-034	
CHECKED	DATE	SCALE 1" = 50'-0"	
APPROVED	DATE	DWG. NO. 3313-267	

33333 (9-63)