



**BETHLEHEM MINES CORP.**  
**ELLSWORTH-BUTLER DIVISION**  
**Plan showing MINE # 60**  
**ELECTRICAL SYSTEM**  
**LEGEND**

- (BH) D.C. BORE HOLE
- (SW) O. B. SWITCH
- (CB) I. T. E. CIRCUIT BREAKER
- (DS) DUAL SWITCH
- (TS) TROLLEY SWITCH
- (DB) DEAD BLOCK
- (AH) A. C. BORE HOLE
- (DSG) DUPLEX SWITCH GEAR
- (SG) SWITCH GEAR
- (R) RECTIFIER
- (LC) LOAD CENTER
- (P) PUMP
- (AC) A.C. CABLE
- (DC) D.C. FEEDER CABLE
- (TW60) TROLLEY WIRE & TRACK-60#
- (SB) STARTING BOX
- (ACFC) A.C. CABLE + D.C. FEEDER CABLE
- (TW85) TROLLEY WIRE & TRACK-85#
- (TW48) TROLLEY WIRE & TRACK-48#
- (CB) CONVEYOR BELT
- (DD) DELT DRIVE

Date: \_\_\_\_\_ Scale 1"=200'  
 Dwg. No 60E500C3

34E-30 STOPPING RECTIFIER  
 500 LVA A37M13  
 RESTARTING ITC  
 34E-30 STOPPING SWITCH BEAR # - A3X580  
 SWITCH BEAR #2 - A33550  
 BELT DRIVE LEVER - A3X30 - 3000VA  
 48" BELT LINE STARTER - A3X41  
 MAIN HALL STARTER - A3X41

34E SUPPLY TRUCK ITC  
 34E-30 STOPPING RECTIFIER  
 34E-30 BELT DRIVE - A3X41  
 34E-30 STOPPING SWITCH BEAR #1 - A3X580  
 34E-30 STOPPING SWITCH BEAR #2 - A33550  
 34E-30 BELT DRIVE LEVER - A3X30 - 3000VA  
 48" BELT LINE STARTER - A3X41  
 MAIN HALL STARTER - A3X41