5" DIAMETER BRASS TABLET TO BE

ANCHORED AND SET IN CONCRETE

BRASS TABLET PROVIDED

TUBULAR CONCRETE FORM 3'-0" INSIDE DIAMETER (TO BE LEFT IN PLACE)

CLASS SI CONCRETE (APPROX. 1 CUBIC YARD)

SOIL AT BASE OF HOLE TO BE TAMPED

MINE OPENING MARKER DETAIL

NOT TO SCALE EXACT LOCATION TO BE SET BY ENGINEER

EXISTING GRADE

Greenwood Davis Mine Group Reclamation Project AML-GPeE-0511 Perry County

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Sheet 21 of 2

COMPACTED EARTH FILL (122 C.Y.)-PROPOSED GRADE EXCAVATED GRADE 5' MIN. 5' MIN. FILTER FABRIC FOR USE WITH RIPRAP (45 S.Y.) CA FILL, CA-2 (22.2 TON) 20' RIPRAP FILL, C-4 (308.1 TON) LIMITS OF SPECIAL EXCAVATION AS PER SPECIAL PROVISION SECTION 214 (296 C.Y.) SLOPES AS VERTICAL AS POSSIBLE APPROX. 50' MINE REFUSE AND UNKNOWN FILL IN SHAFT

## NOTES:

- 1. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE SHAFT AREA DUE TO THE UNKNOWN CONDITION OF THE SHAFT AND THE UNKNOWN STABILITY OF THE SURROUNDING AREAS.
- 2. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE VOLUME OF SPECIAL EXCAVATION AND BACKFILLING OF MATERIALS REQUIRED. THE ENGINEER WILL MAKE THE DETERMINATION DURING CONSTRUCTION BASED UPON THE CONDITIONS ENCOUNTERED DURING THE SPECIAL EXCAVATION PROCESS.

MAIN SHAFT FILLING DETAIL

NOT TO SCALE

3. THE DIMENSIONS OF THE MAIN SHAFT ARE ESTIMATED TO BE 20' X 20'. AFTER THE RIPRAP FILL, C-4, HAS BEEN PLACED, THE CONTRACTOR SHALL SECURE THE AREA WITH TEMPORARY FENCING FOR A THREE DAY PERIOD TO ALLOW FOR SETTLEMENT BEFORE PROCEEDING WITH THE BACKFILLING. THE TEMPORARY FENCING SHALL BE INCIDENTAL TO THE RIPRAP FILL, C-4.