



- NOTES:**
1. THE SECTION IS A VIEW FROM THE INSIDE OF THE CUPOLA. THE CROSSBARS AND LATTICEWORK WILL APPEAR MIRRORED FROM THE OUTSIDE. SEE THE ELEVATION VIEWS ON FIGURE 19.
 2. INTERIOR FORMWORK FOR CONCRETE FOOTING MAY BE LEFT IN PLACE BELOW THE TOP OF THE EXISTING TIMBER CRIBBING LEFT IN PLACE.

- GENERAL NOTES:**
1. THIS DRAWING SHOWS THE GENERAL SHAPE AND APPROXIMATE SIZE OF THE MINE OPENING AND THE CORRESPONDING LAYOUT OF THE BAT CUPOLA. THE DRAWING SHALL BE USED AS A GUIDE FOR FIELD LAYOUT. DETERMINE THE ACTUAL LAYOUT AND DIMENSIONS OF THE CLOSURE IN THE FIELD PRIOR TO FABRICATION.
 2. STEEL PLATES, SHAPES AND BARS SHALL BE WEATHERING STEEL WELD ALL JOINTS. CONSTRUCT THE AIRFLOW CLOSURE FRAME TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. PLIES OF MATERIAL SHALL BE TIGHT TO PREVENT THE INCURSION OF MOISTURE. ALL TUBULAR MEMBERS SHALL BE HERMETICALLY SEALED TO PREVENT THE INCURSION OF MOISTURE, EXCEPT AS OTHERWISE NOTED. ROUND OR CHAMFER ALL EXPOSED SHARP CORNERS AND EDGES.
 3. THE INDICATED BEDROCK LOCATIONS ARE APPROXIMATE. THE BEDROCK SURFACE IS EXPECTED TO BE ROUGH, IRREGULAR AND VARIABLE IN DEPTH.
 4. MINIMIZE THE AMOUNT OF ROCK, TIMBER AND OTHER DEBRIS THAT FALL INTO THE MINE OPENING DURING CONSTRUCTION.
 5. PRESERVE THE TIMBER COLLAR AS INDICATED. TIMBERS MAY BE CUT OR REMOVED AS INDICATED AND AS REQUIRED FOR CONSTRUCTION.
 6. REMOVE COLLAPSED HEADFRAME AND LOADOUT STRUCTURE ONLY AS REQUIRED FOR CONSTRUCTION AND SET TIMBERS ASIDE. REMOVE FALLEN STEEL COVER PLATE WEDGED IN SHAFT APPROX. 12' BELOW COLLAR.
 7. AS REQUIRED, BRACE EXISTING TIMBER COLLAR TO SUPPORT CONSTRUCTION LOADS DURING PLACEMENT OF CAST-IN-PLACE CONCRETE.
 8. SLOPE THE FINISH GRADE TO DRAIN STORM WATER AWAY FROM THE CONCRETE FOOTING AS INDICATED.
 9. N.B. THERE IS EXTENSIVE TIMBER WORK IN THE MINE WORKINGS BELOW THIS SHAFT OPENING. THE TIMBER IS EXTREMELY DRY AND EASY TO SET ON FIRE. EXTREME PRECAUTION SHALL BE TAKE TO PREVENT ANY SPARKS FROM WELDING OR OTHER ACTIVITIES FROM FALLING INTO THE SHAFT.

CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING HIS EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL, AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

ABANDONED MINE LAND PROGRAM	
MINING AND MINERALS DIVISION	
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT	
SCALE: 3/8" = 1'-0"	DRAWN BY: JAK/JRS
DATE: OCT. 2, 2006	REVISD: CAROLINA LODE (ROBERTS SHAFT)
BAT CUPOLA AT FEATURE 045-122S SHAFT	
LAKE VALLEY MINE SAFEGUARD PROJECT - PHASE II	
DRAWING NUMBER: FIGURE 18	

045-122S SHAFT CUPOLA.DWG PLOT SCALE 1 = 32