



**PLAN**  
 SCALE: 3/4" = 1'-0"

- GENERAL NOTES:**
1. THIS DRAWING SHOWS THE GENERAL SHAPE AND APPROXIMATE SIZE OF THE MINE OPENING AND THE CORRESPONDING LAYOUT OF THE AIRFLOW CLOSURE AND RISER PIPE. 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. REMOVE EXISTING PIPE AND TIMBERS AT SHAFT OPENING ONLY TO THE EXTENT REQUIRED FOR CONSTRUCTION. REPLACE REMOVED TOP TIMBERS AS CLOSE TO THEIR ORIGINAL LOCATION AS PRACTICABLE.
  3. USING A COMPRESSED AIR LANCE OR EQUIVALENT, REMOVE DIRT AND LOOSE ROCK FROM ALL SURFACES AGAINST WHICH POLYURETHANE FOAM (PUF) WILL BE PLACED. PLACE PUF AGAINST CLEAN, DRY SURFACES.
  4. FILL THE ANNULAR SPACE BETWEEN THE TIMBER CRIBBING AND THE CSP RISER WITH SCORIA FILL AS INDICATED.
  5. MINIMIZE THE AMOUNT OF ROCK, TIMBER AND OTHER DEBRIS THAT FALL INTO THE MINE OPENING DURING CONSTRUCTION.
  6. AS INDICATED, ONE DRAIN PIPE IS REQUIRED. THE TOP OF THIS DRAIN PIPE SHALL BE AT THE TOP OF THE EXISTING GROUND SURFACE AS SHOWN. SLOT DRAIN PIPE AS SPECIFIED IN THE SCORIA FILL ZONE.

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| <b>ABANDONED MINE LAND PROGRAM<br/>MINING AND MINERALS DIVISION</b> |                         |                                  |
| ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT                   |                         |                                  |
| SCALE: AS SHOWN   | DRAWN BY: CAROLINA LODE | JAK/JRS                          |
| DATE: NOV. 16, 2006   | REVISED:                |                                  |
| <b>AIRFLOW CLOSURE AT FEATURE 045-118S SHAFT</b>                    |                         |                                  |
| LAKE VALLEY MINE SAFEGUARD PROJECT - PHASE II                       |                         | DRAWING NUMBER: <b>FIGURE 15</b> |

**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.

**SECTION**  
 SCALE: 3/8" = 1'-0"

045-118S SHAFT AIRFLOW.DWG PLOT SCALE 1 = 32