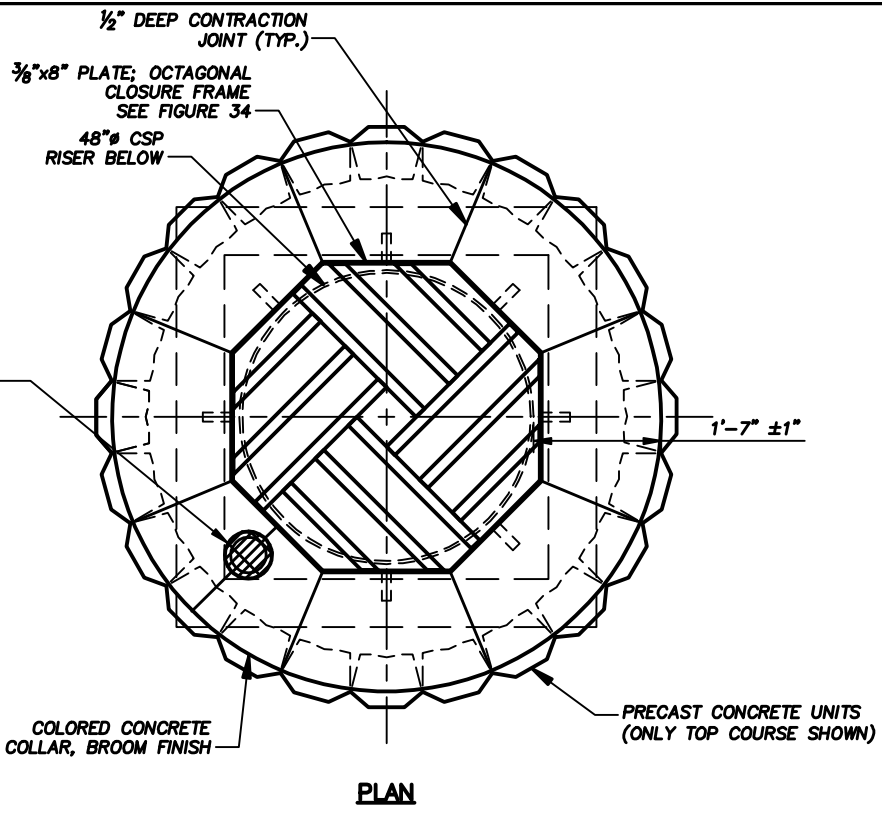
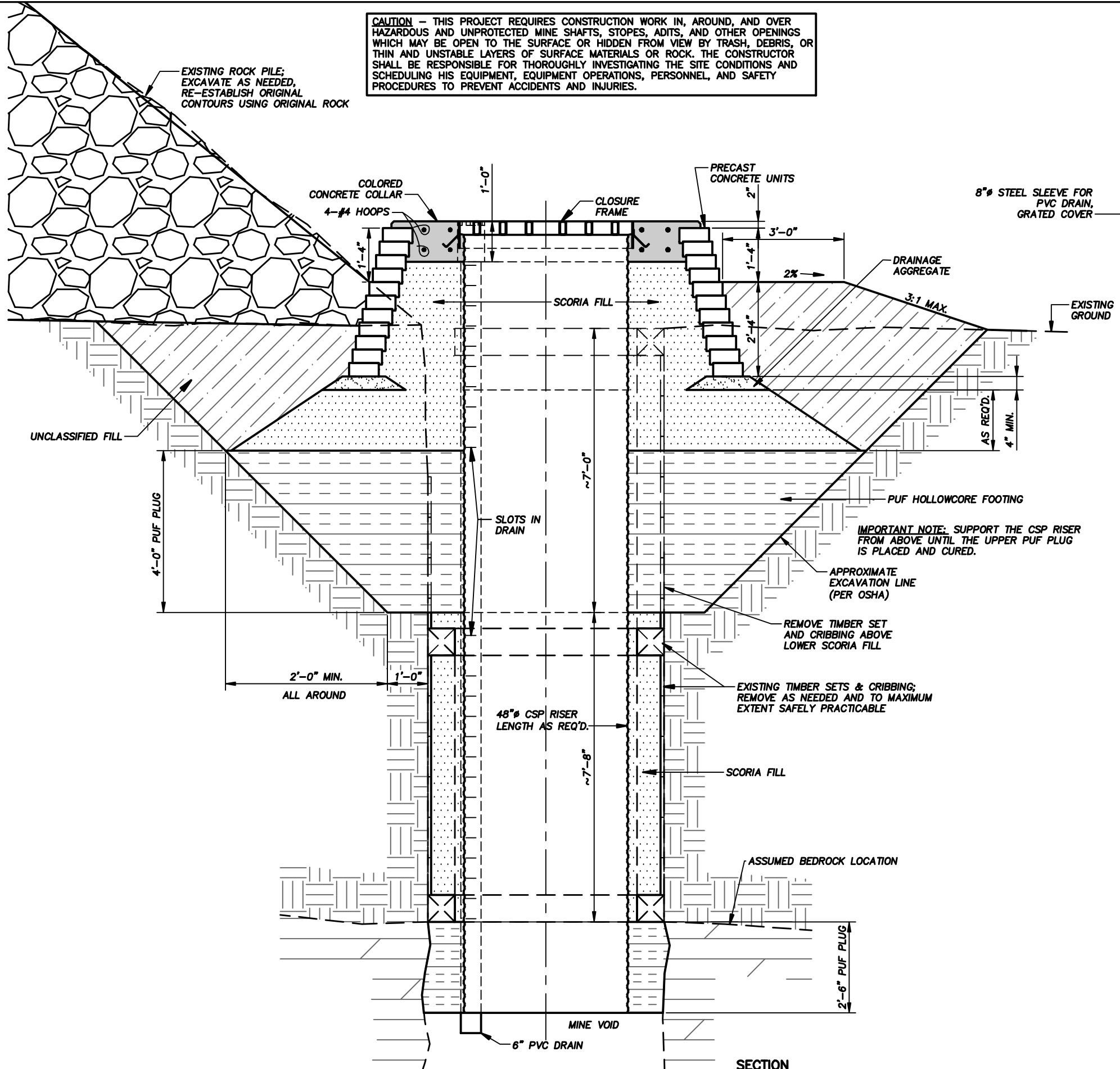


CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE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



- GENERAL NOTES:**
1. THIS DRAWING SHOWS THE GENERAL SHAPES AND APPROXIMATE SIZES OF THE MINE OPENINGS AND THE CORRESPONDING LAYOUTS OF THE AIRFLOW CLOSURE AND RISER PIPE. THE DRAWING SHALL BE USED AS A GUIDE FOR FIELD LAYOUT. DETERMINE THE ACTUAL LAYOUTS AND DIMENSIONS OF THE CLOSURES IN THE FIELD PRIOR TO FABRICATION.
 2. USING A COMPRESSED AIR LANCE OR EQUIVALENT, REMOVE DIRT AND LOOSE ROCK FROM ALL ROCK SURFACES AGAINST WHICH POLYURETHANE FOAM (PUF) WILL BE PLACED. PLACE PUF AGAINST CLEAN, DRY SURFACES.
 3. FILL THE ANNULAR SPACE BETWEEN THE CLOSURE FRAME AND THE CSP RISER WITH CONCRETE, SLOPING THE TOP OF CONCRETE AWAY FROM FRAME.
 4. MINIMIZE THE AMOUNT OF ROCK, TIMBER AND OTHER DEBRIS THAT FALL INTO THE MINE OPENINGS DURING CONSTRUCTION.
 5. THOROUGHLY COMPACT ALL FILL UNDERNEATH THE PRECAST CONCRETE MASONRY UNITS AND CONCRETE COLLAR.
 6. INSTALL PRECAST CONCRETE UNITS AS SPECIFIED, INCLUDING APPLICATION OF SPECIFIED CONSTRUCTION ADHESIVE AT THE TOP TWO COURSES.
 7. SLOPE THE FINISH GRADE TO DRAIN STORM WATER AWAY FROM THE COLLAR.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION		
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT		
SCALE: 3/8" = 1'-0"	EMPORIA LODGE	DRAWN BY: JAK/JRS
DATE: SEPT. 27, 2006		REVISED:
AIRFLOW CLOSURE AT FEATURE 047-034S SHAFT		
LAKE VALLEY MINE SAFEGUARD PROJECT - PHASE II		DRAWING NUMBER: FIGURE 33

047-034S SHAFT AIRFLOW.DWG PLOT SCALE 1 = 32