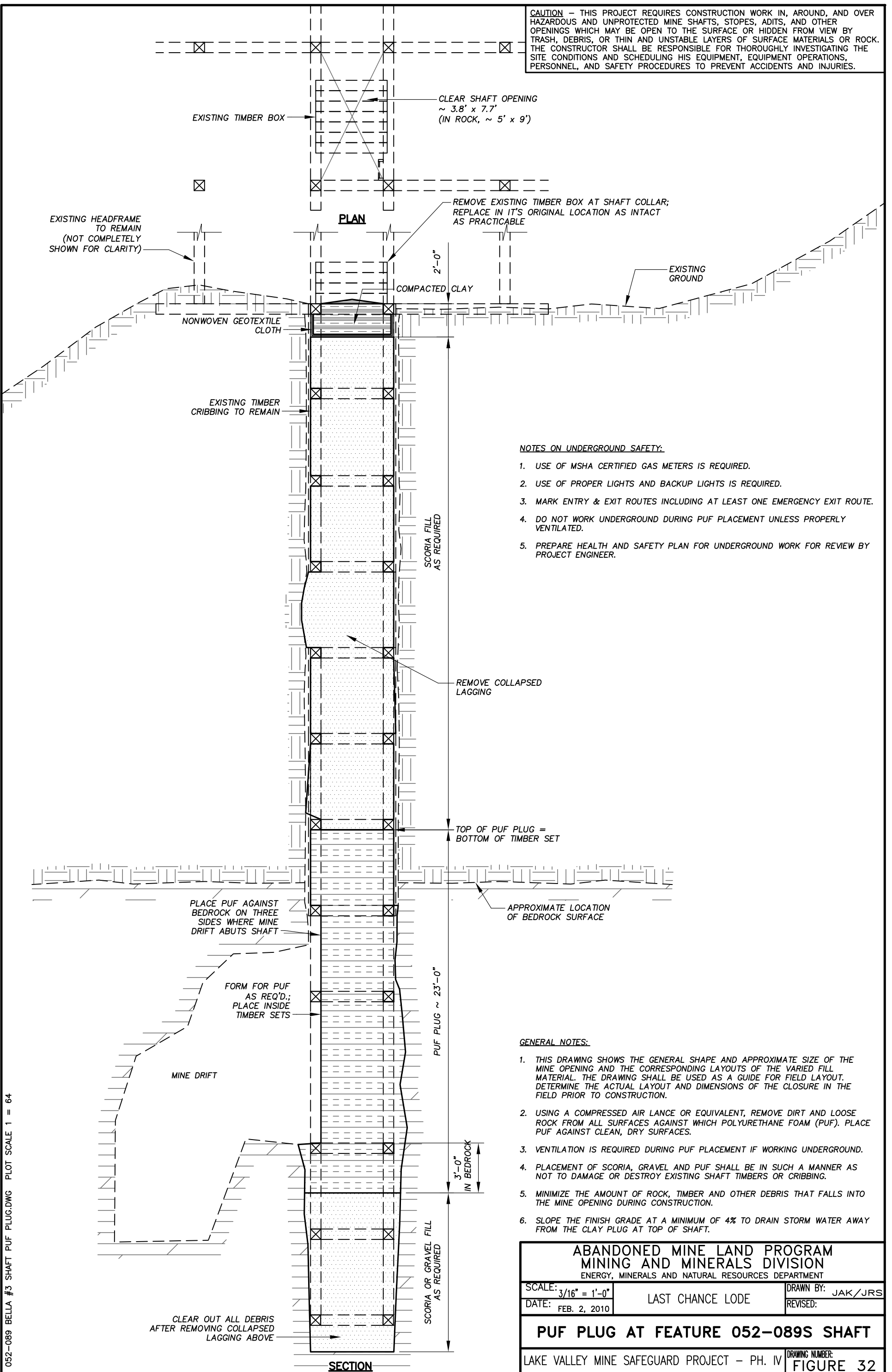


CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE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



NOTES ON UNDERGROUND SAFETY:

1. USE OF MSHA CERTIFIED GAS METERS IS REQUIRED.
2. USE OF PROPER LIGHTS AND BACKUP LIGHTS IS REQUIRED.
3. MARK ENTRY & EXIT ROUTES INCLUDING AT LEAST ONE EMERGENCY EXIT ROUTE.
4. DO NOT WORK UNDERGROUND DURING PUF PLACEMENT UNLESS PROPERLY VENTILATED.
5. PREPARE HEALTH AND SAFETY PLAN FOR UNDERGROUND WORK FOR REVIEW BY PROJECT ENGINEER.

GENERAL NOTES:

1. THIS DRAWING SHOWS THE GENERAL SHAPE AND APPROXIMATE SIZE OF THE MINE OPENING AND THE CORRESPONDING LAYOUTS OF THE VARIED FILL MATERIAL. 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 CONSTRUCTION.
2. USING A COMPRESSED AIR LANCE OR EQUIVALENT, REMOVE DIRT AND LOOSE ROCK FROM ALL SURFACES AGAINST WHICH POLYURETHANE FOAM (PUF). PLACE PUF AGAINST CLEAN, DRY SURFACES.
3. VENTILATION IS REQUIRED DURING PUF PLACEMENT IF WORKING UNDERGROUND.
4. PLACEMENT OF SCORIA, GRAVEL AND PUF SHALL BE IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY EXISTING SHAFT TIMBERS OR CRIBBING.
5. MINIMIZE THE AMOUNT OF ROCK, TIMBER AND OTHER DEBRIS THAT FALLS INTO THE MINE OPENING DURING CONSTRUCTION.
6. SLOPE THE FINISH GRADE AT A MINIMUM OF 4% TO DRAIN STORM WATER AWAY FROM THE CLAY PLUG AT TOP OF SHAFT.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION		
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT		
SCALE: 3/16" = 1'-0"	LAST CHANCE LODGE	DRAWN BY: JAK/JRS
DATE: FEB. 2, 2010		REVISED:
PUF PLUG AT FEATURE 052-089S SHAFT		
LAKE VALLEY MINE SAFEGUARD PROJECT - PH. IV		DRAWING NUMBER: FIGURE 32

052-089 BELLA #3 SHAFT PUF PLUG.DWG PLOT SCALE 1 = 64