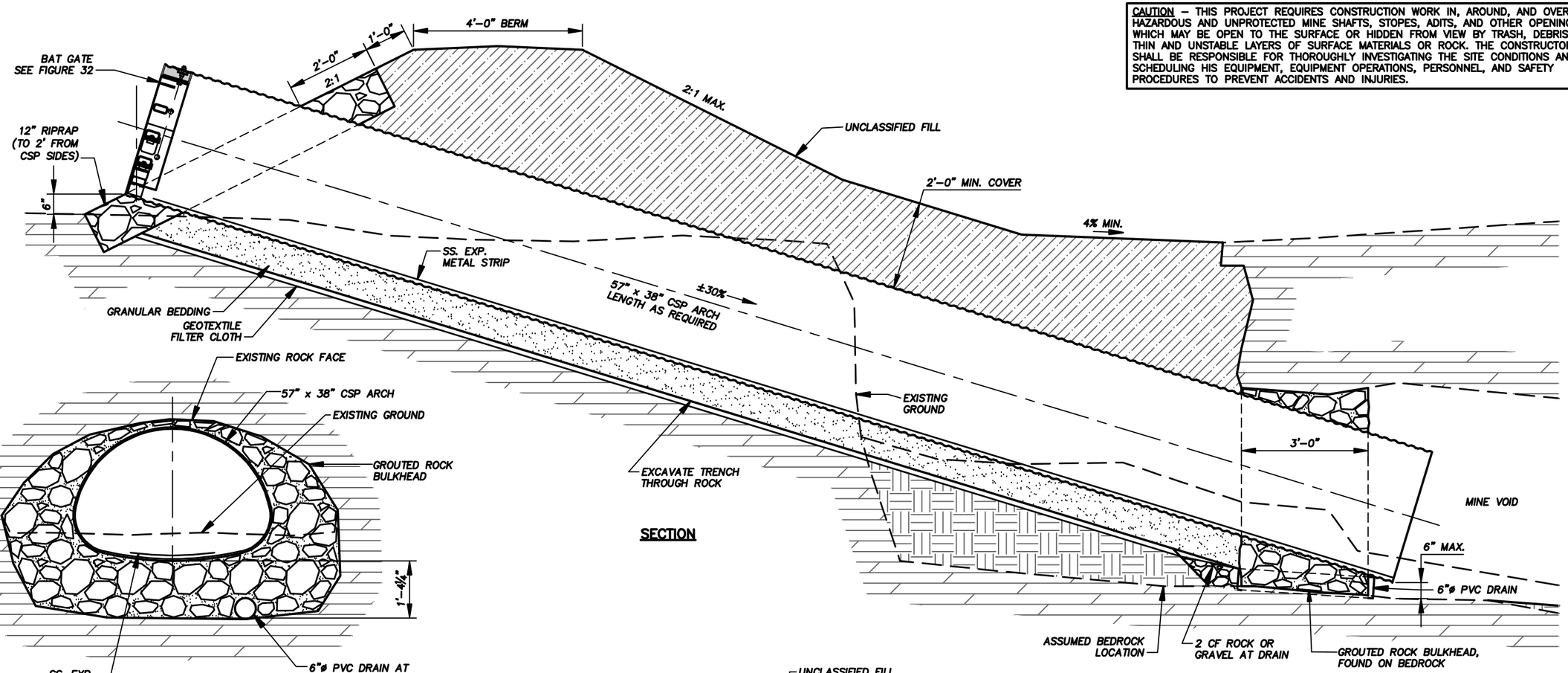
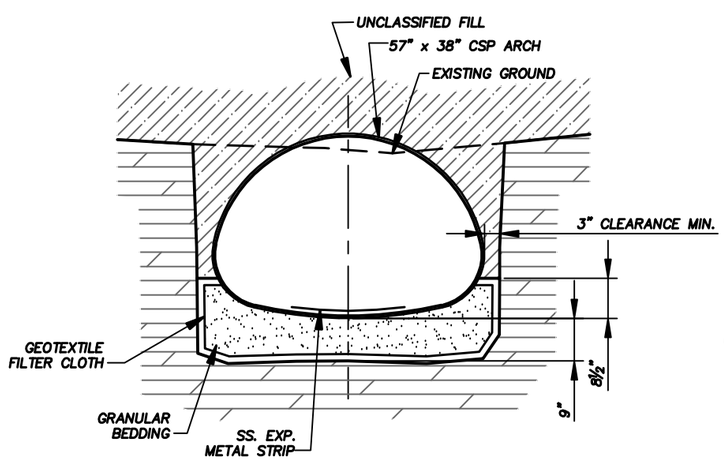
CAUTION – THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE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

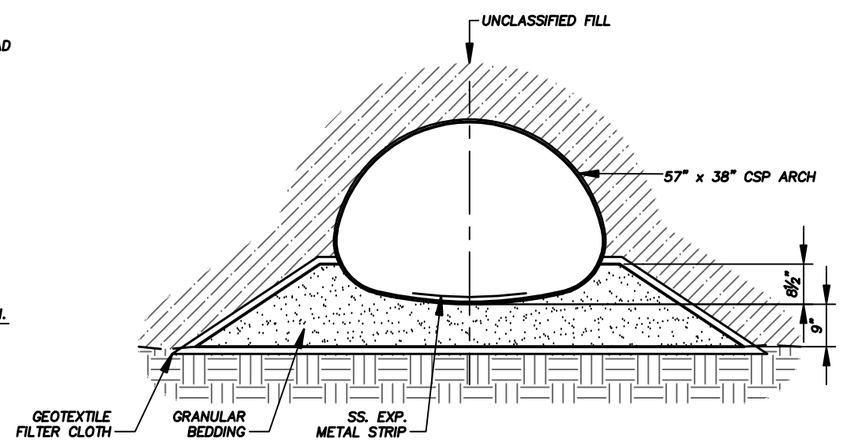


SECTION

SECTION AT
ROCK BULKHEAD



SECTION
TRENCH THROUGH ROCK



TYP. SECTION

GENERAL NOTES:

1. THE SHAPE AND DIMENSIONS SHOWN AT THE EXISTING ADIT OPENING ARE APPROXIMATE. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.

2. REMOVE LOOSE ROCK AT THE BULKHEAD LOCATION PRIOR TO CONSTRUCTION.

3. ROCK FOR THE BULKHEAD SHALL BE SOUND, DURABLE NATIVE ROCK THAT GIVES A RINGING SOUND WHEN STRUCK WITH A HAMMER.

4. PROPORTION AND MIX CONCRETE FOR THE BULKHEAD TO PRODUCE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS. CEMENT SHALL CONFORM TO ASTM C150, TYPE II, AND AGGREGATE TO ASTM C33, WITH A MAXIMUM SIZE OF AGGREGATE OF 3/4 INCH. PACKAGED CONCRETE MIX MEETING ASTM C378 MAY BE USED.

5. DESTROY EXPOSED THREADS ON ALL BOLTS.

6. THE INDICATED BEDROCK LOCATIONS ARE APPROXIMATE. THE BEDROCK SURFACE MAY BE ROUGH AND VARIABLE IN DEPTH. FOUND THE ROCK BULKHEAD ON COMPETENT BEDROCK.

7. BACKFILL ADJACENT STOPE OPENINGS, PIT AND TRENCH AS SPECIFIED.

ABANDONED MINE LAND PROGRAM
MINING AND MINERALS DIVISION
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

SCALE: 3/8" = 1'-0"	EMPORIA LODE	DRAWN BY: JAK/JRS
DATE: OCT. 12, 2006		REVISED:

BAT GATE AT FEATURE 047-028T ADIT

LAKE VALLEY MINE SAFEGUARD PROJECT – PHASE II	DRAWING NUMBER: FIGURE 30

047-028T ADIT BAT GATE.DWG PLOT SCALE 1 = 32