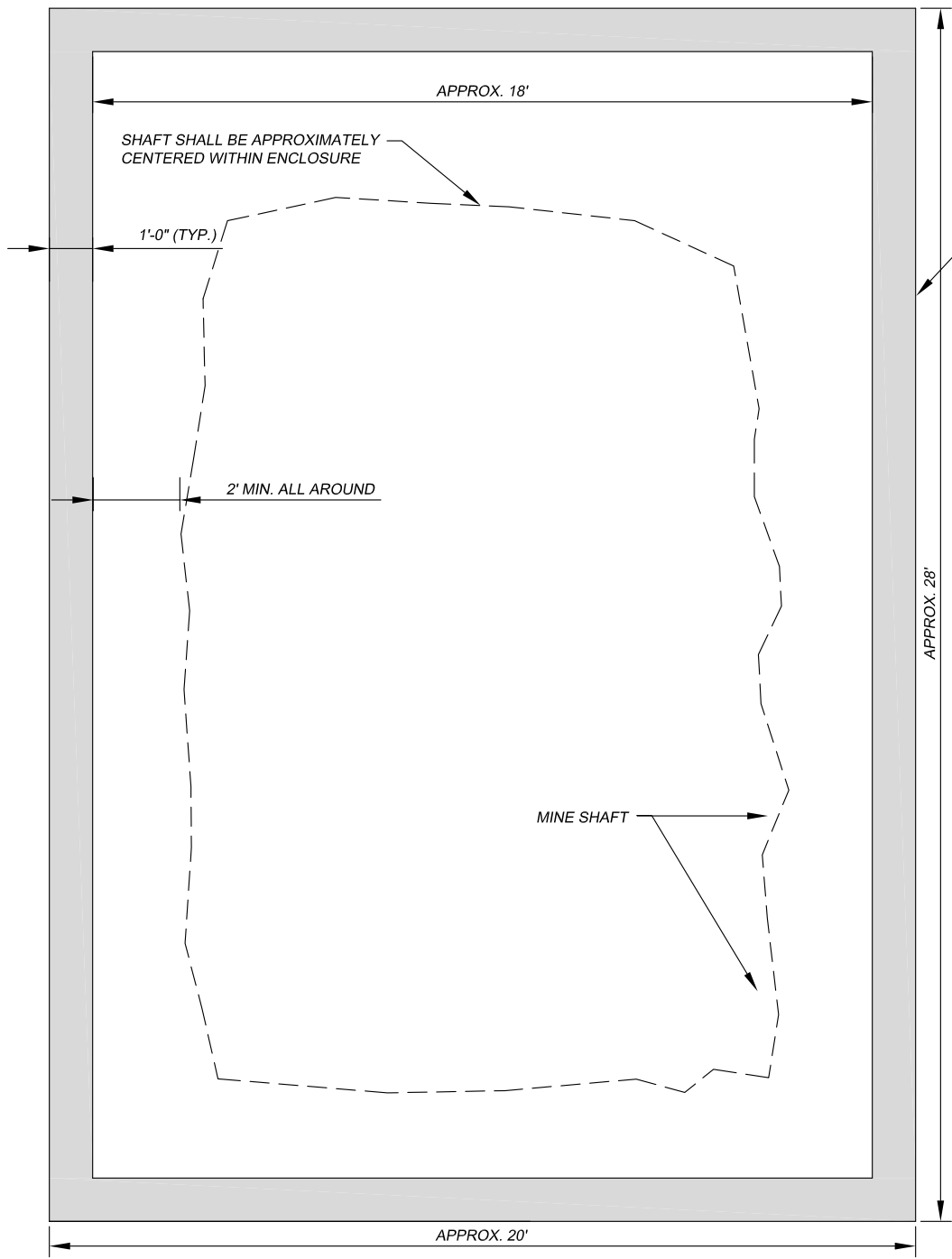
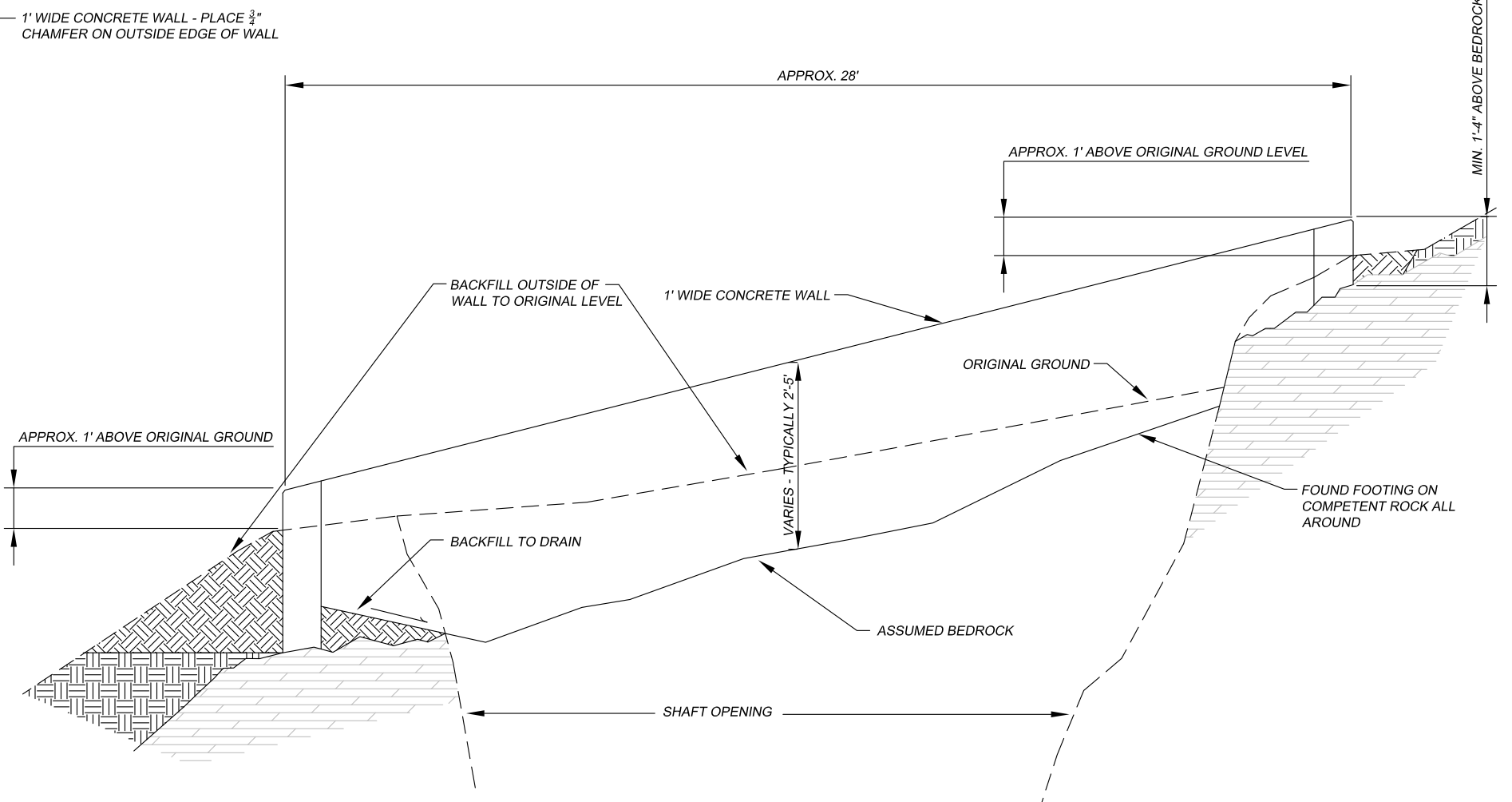


CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK NEAR HAZARDOUS AND UNPROTECTED MINE OPENINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING EQUIPMENT, EQUIPMENT OPERATORS, OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

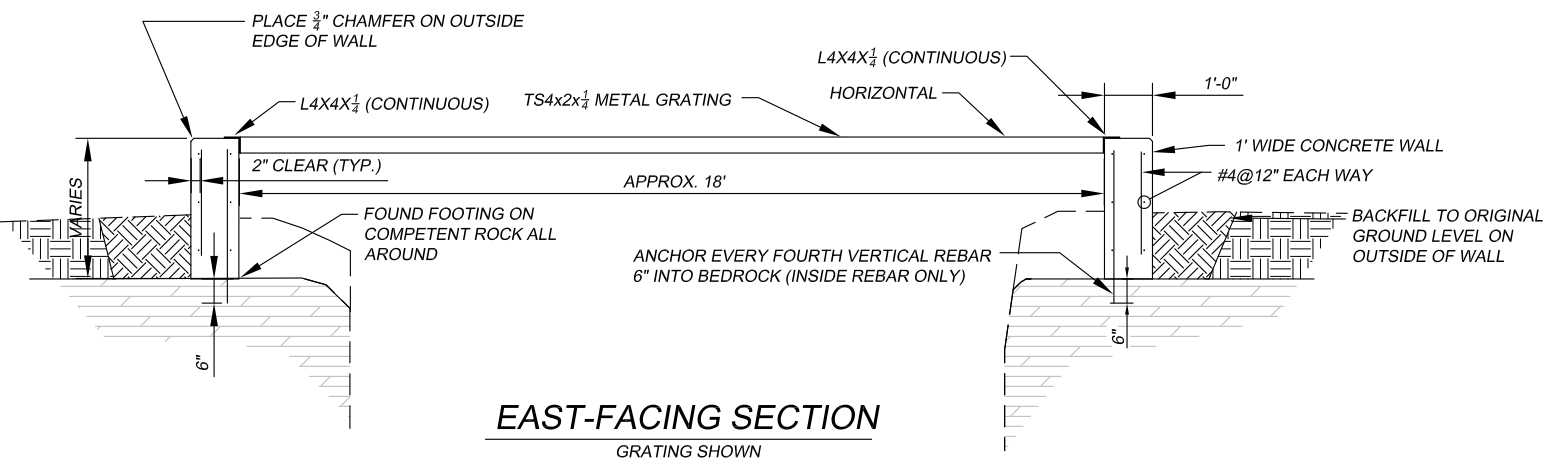


PLAN (WALL ONLY)
GRATING NOT SHOWN



NORTH-FACING SECTION
GRATING NOT SHOWN

NOTE: SEE FIGURE 6 FOR ADDITIONAL DETAILS



EAST-FACING SECTION
GRATING SHOWN

GENERAL NOTES:

1. THIS DRAWING SHOWS THE GENERAL SHAPE AND APPROXIMATE PROFILE OF THE SHAFT AT THE INTENDED LOCATION OF THE CLOSURE. USE THE DRAWING AS A GUIDE FOR FIELD LAYOUT OF THE CLOSURE. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
2. CONTRACTOR SHALL REMOVE TREES, VEGETATION AND FENCING AS NECESSARY TO INSTALL STRUCTURE. DISPOSE OF DEBRIS AS DIRECTED BY THE PROJECT MANAGER.
3. TUBULAR STEEL, STEEL PLATES, AND SHAPES SHALL BE WEATHERING STEEL AS SPECIFIED. WELD ALL JOINTS. JOINTS SHALL BE TIGHT SO THAT MOISTURE CANNOT ENTER BETWEEN PLIES OF MATERIAL. ROUND OR CHAMFER ALL SHARP EDGES AND CORNERS.
4. PLACE A $\frac{3}{4}$ " CHAMFER ON THE OUTSIDE EXPOSED EDGES OF CONCRETE WALL.
5. TOLERANCES ON THE CENTER-TO-CENTER DIMENSIONS BETWEEN POSTS SHALL BE $\pm\frac{1}{16}$ ".
6. PLACE A SURVEY MARKER, PROVIDED BY THE PROJECT MANAGER, INTO THE FOOTER BEFORE CONCRETE HARDENS.
7. GRADE FILL AROUND STRUCTURE TO MINIMIZE EROSION FROM UPSLOPE, AS DIRECTED BY THE PROJECT MANAGER.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT		
SCALE: $\frac{1}{4}$ "=1'-0"	SHAFT 598-02	DRAWN BY: JTG
DATE: OCT. 26, 2012		REVISED:
WALL AND GRATING DETAILS		
Cleveland Mine Safeguard Project		DRAWING NUMBER: FIGURE 5