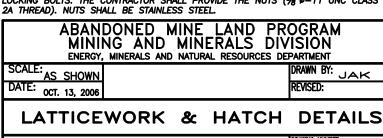


GENERAL NOTES:

1. STEEL PLATES AND SHAPES SHALL BE WEATHERING STEEL. WELD ALL JOINTS. CONSTRUCT THE CLOSURE FRAME AND REMOVABLE HATCH TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. PLIES OF MATERIAL SHALL BE TIGHT TO PREVENT THE INCURSION OF MOISTURE, ALL TUBULAR MEMBERS SHALL BE HERMETICALLY SEALED TO PREVENT THE INCURSION OF MOISTURE, EXCEPT AS OTHERWISE NOTED. ROUND OR CHAMFER ALL EXPOSED SHARP CORNERS AND EDGES.

2. AT EACH BOLT HOLE LOCATION AT THE OPENING FOR THE REMOVABLE ACCESS HATCH, CUT A SMALL ACCESS HOLE THROUGH THE INSIDE FACE OF THE CROSSBEAM TO PLACE AND TACK WELD THE NUT. FOR DRAINAGE DRILL A $\frac{1}{2}$ % HOLE THROUGH THE BOTTOM CENTER OF THE CROSSBEAM AT EACH ACCESS HOLE AND AT 2'-0" O.C. ALONG THE FULL LENGTH OF THE BEAM. THE PROJECT MANAGER WILL PROVIDE THE LOCKING BOLTS. THE CONTRACTOR SHALL PROVIDE THE NUTS (%"\$-11 UNC CLASS



LAKE VALLEY MINE SAFEGUARD PROJECT - PHASE II

FIGURE 41

11/4" OUT TS2x2x8/ (TYP.) -COLUMN CROSSBAR. -INSIDE FACE OF INSIDE FACE OF RIGHT TS4x4x1/a \— CROSSBAR. TS4x2x1/4 4'-4": ALL FOUR SIDES OF CUPOLAS AT F. 045-122S & F. 046-155S

> TYPICAL ELEVATION (VIEW FROM OUTSIDE)

> > LATTICEWORK TEMPLATE

SECTION

SCALE: 1" = 1'-0"