



**GENERAL NOTES:**

1. STEEL PLATES AND SHAPES SHALL BE WEATHERING STEEL. WELD ALL JOINTS. CONSTRUCT THE BAT GATE TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. 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. DRILL 3 - 1/2" Ø HOLES AT 2'-0" O.C. ALONG THE BOTTOM OF EACH REMOVABLE CROSSBAR.
3. FILL THE ANNULAR SPACE BETWEEN THE CLOSURE FRAME AND CSP RISER WITH NON-SHRINK GROUT. SLOPE TOP OF GROUT TO DRAIN INTO CSP.

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| <b>ABANDONED MINE LAND PROGRAM<br/>MINING AND MINERALS DIVISION</b> |                                 |                                     |
| ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT                   |                                 |                                     |
| SCALE: 1" = 1'-0"   | COLUMBIA LODE<br>(HEMA DECLINE) | DRAWN BY: JAK                       |
| DATE: JAN. 27, 2010   |                                 | REVISED:                            |
| <b>CLOSURE FRAME DETAILS AT F. 049-116S SHAFT</b>                   |                                 |                                     |
| LAKE VALLEY MINE SAFEGUARD PROJECT - PH. IV                         |                                 | DRAWING NUMBER:<br><b>FIGURE 17</b> |