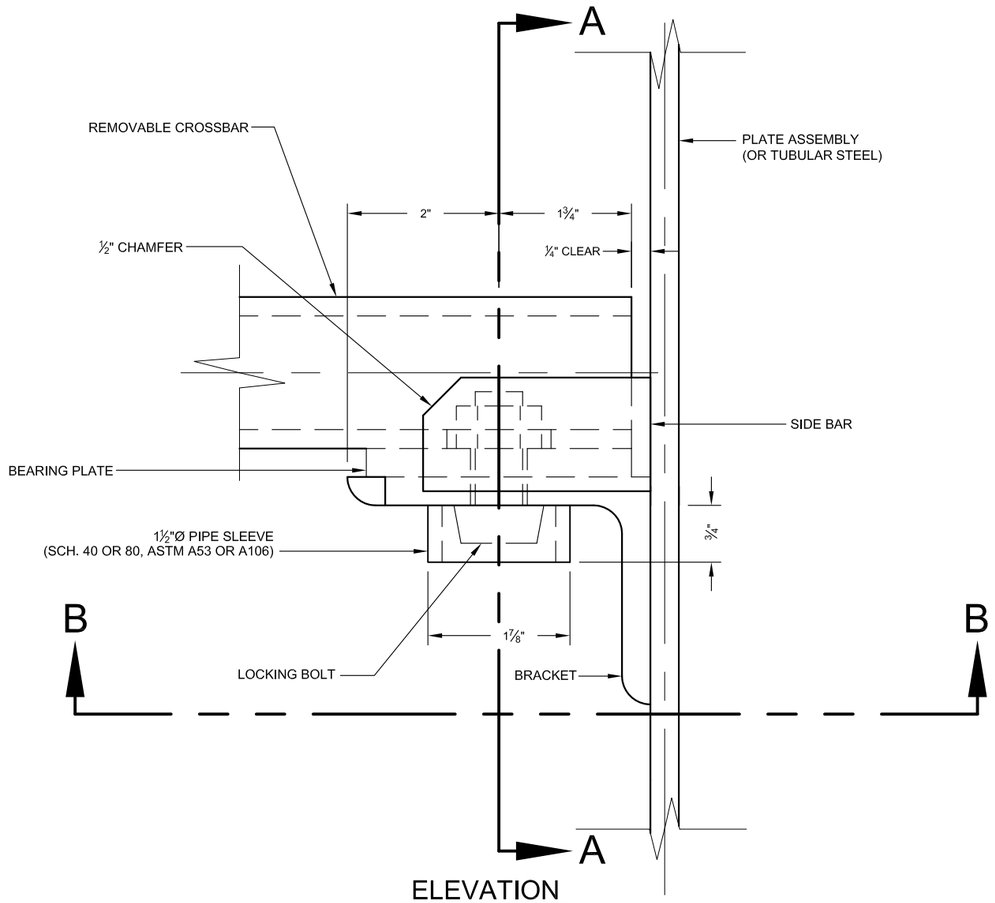
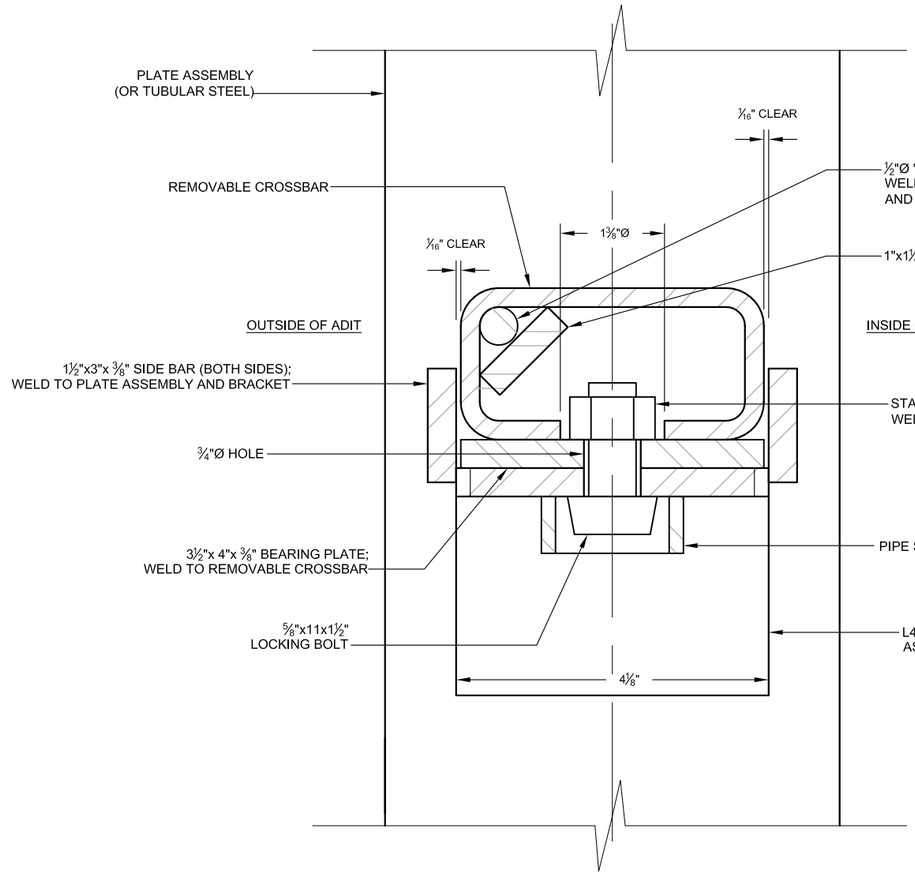
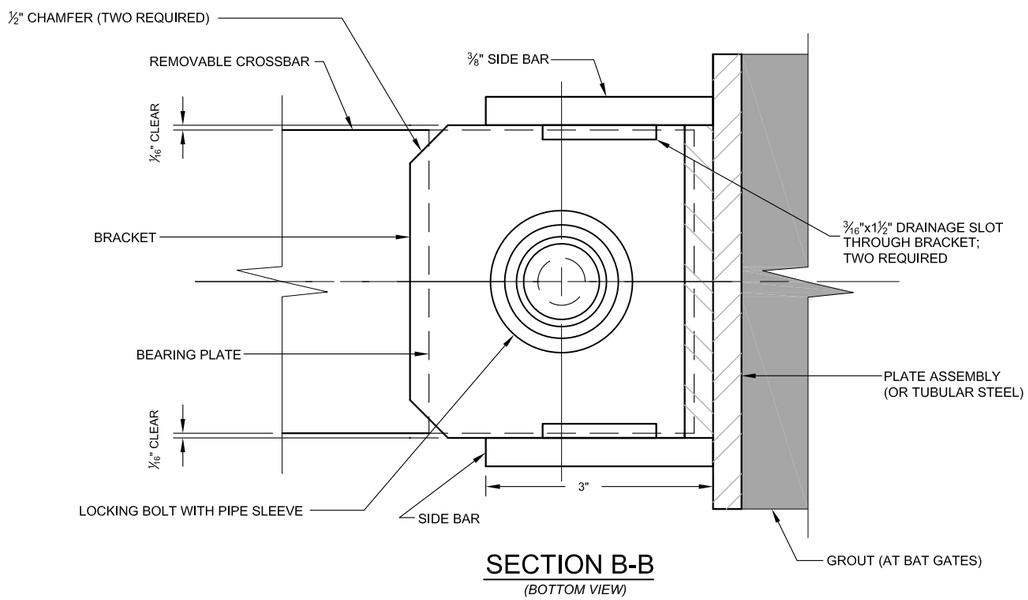


ELEVATION

(OPPOSITE SIDE SYMMETRICAL)



SECTION A-A



SECTION B-B

(BOTTOM VIEW)

GENERAL NOTES:

1. STEEL PLATES AND SHAPES SHALL BE WEATHERING STEEL. WELD ALL JOINTS, EXCEPT AS OTHERWISE INDICATED. CONSTRUCT THE LOCK TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. JOINTS SHALL BE TIGHT SO THAT MOISTURE CANNOT ENTER BETWEEN THE PLIES OF MATERIAL. ROUND OR CHAMFER ALL EXPOSED SHARP CORNERS AND EDGES.

2. "MANGANAL" BARS SHALL BE HIGH MANGANESE STEEL WITH 12% TO 14% MANGANESE. EACH BAR SHALL EXTEND THE FULL LENGTH OF EACH REMOVABLE CROSSBAR.

3. ALONG THE BOTTOM OF EACH REMOVABLE CROSSBAR, DRILL ½" DIAMETER HOLES AT 1'-0" O.C.

4. THE CONTRACTOR SHALL PROVIDE THE NUTS (⅝"Ø - 11 UNC CLASS 2A THREAD). THE PROJECT MANAGER WILL SUPPLY THE LOCKING BOLTS.

5. COAT THE THREADS OF THE LOCKING BOLTS WITH LPS1 LUBRICANT AND INSTALL FIRMLY WITH 50 TO 75 POUNDS OF TORQUE.

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

SCALE: 6"=1'–0"	FEATURE 8–11	DRAWN BY: JAK
DATE:		REVISED BY: MWT
REMOVABLE CROSSBAR LOCK DETAIL		
FILE:	CERRILLOS CENTRAL/BONANZA CREEK MINE SAFEGUARD PROJECT PH.III	FIGURE: 10