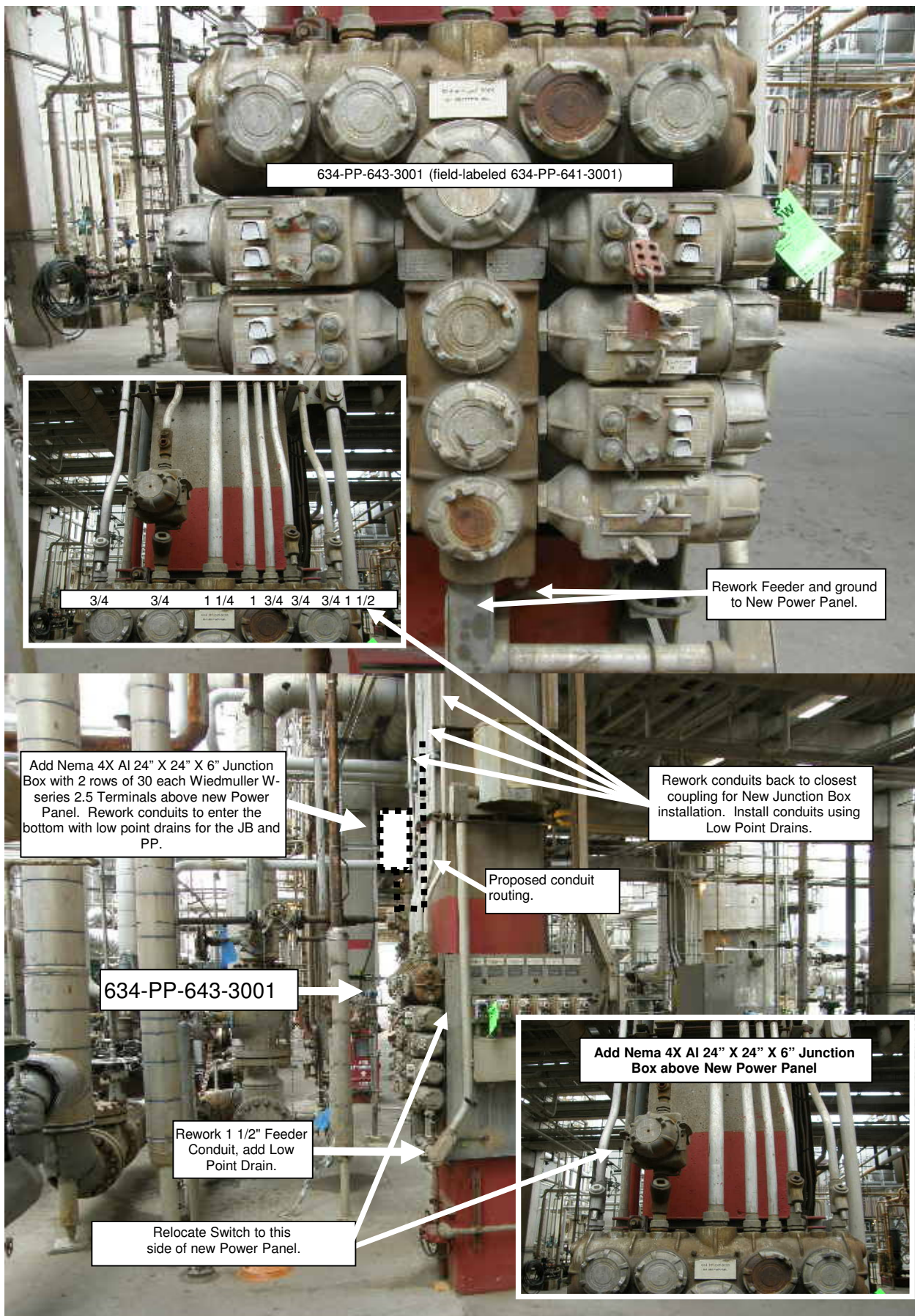
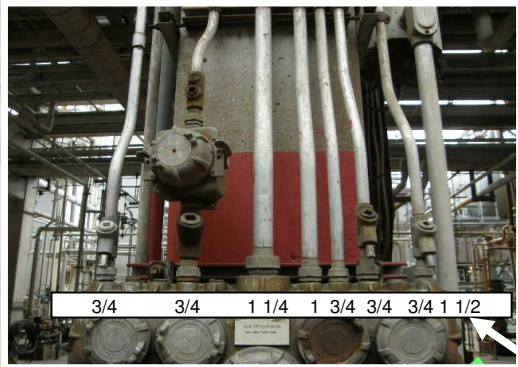


# Item 1998 Replace 634-PP-643-3001

Panel needs to be replaced. Crouse-Hinds panel, part number D2PB2424-30-2M100, can be used. This panel will contain 24 single-pole breakers, 30 amps each, with a 2-pole 100 amp main breaker. The new panel will go in the same physical location as the old one, and a splice box (aluminum or stainless steel) can be placed directly above the panel. All the conduits currently going into the old panel will go through the splice box, and the cables will come down in one large conduit to the new panel.



634-PP-643-3001 (field-labeled 634-PP-641-3001)



3/4 3/4 1 1/4 1 3/4 3/4 3/4 1 1/2

Rework Feeder and ground to New Power Panel.

Add Nema 4X Al 24" X 24" X 6" Junction Box with 2 rows of 30 each Wiedmuller W-series 2.5 Terminals above new Power Panel. Rework conduits to enter the bottom with low point drains for the JB and PP.

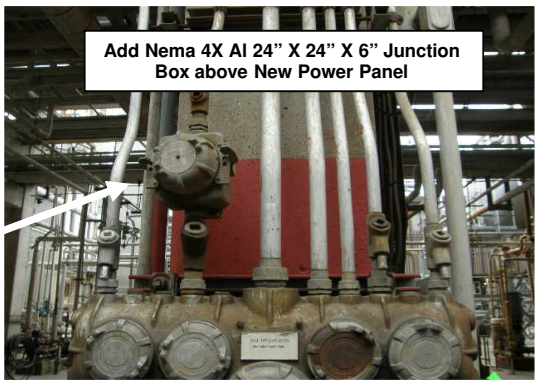
Rework conduits back to closest coupling for New Junction Box installation. Install conduits using Low Point Drains.

Proposed conduit routing.

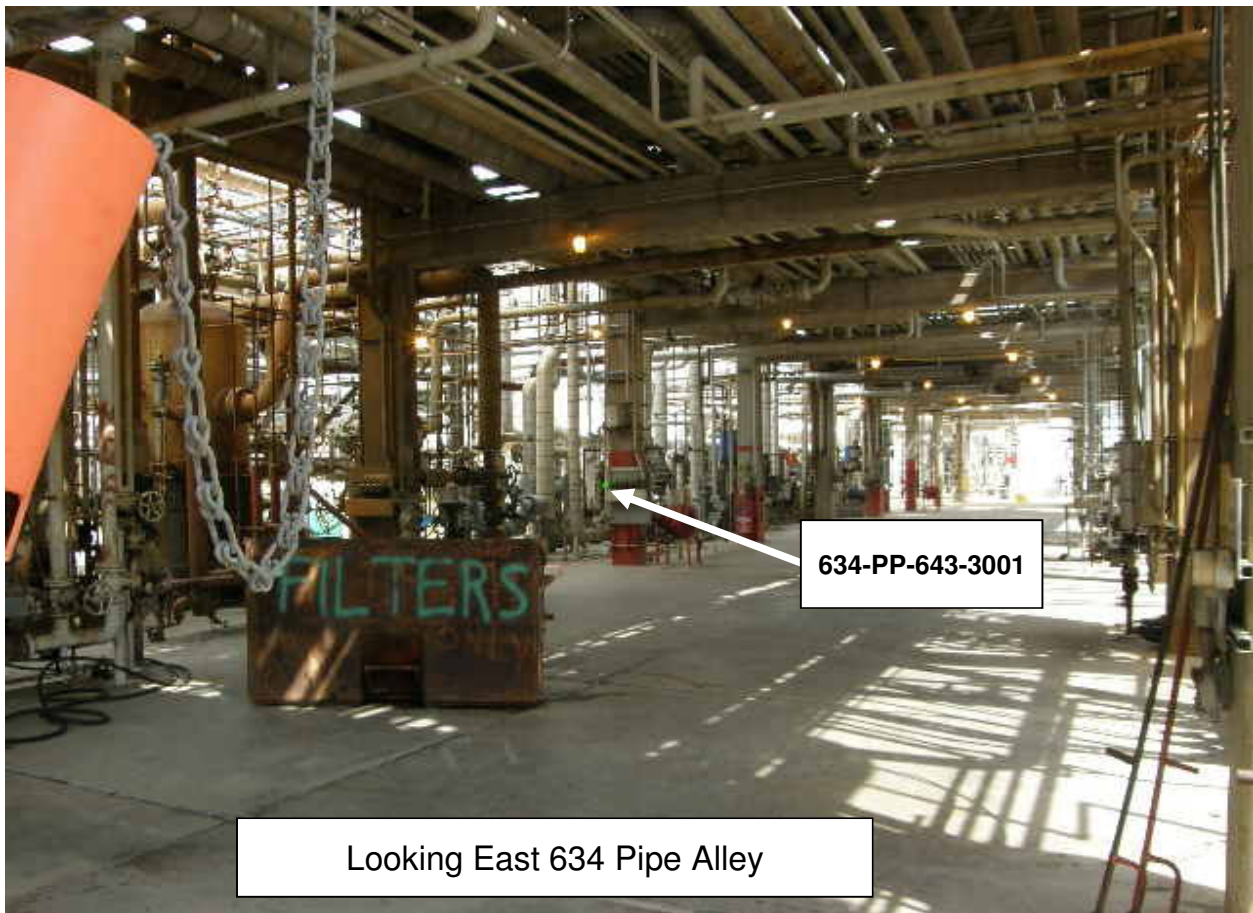
634-PP-643-3001

Rework 1 1/2" Feeder Conduit, add Low Point Drain.

Relocate Switch to this side of new Power Panel.



Add Nema 4X Al 24" X 24" X 6" Junction Box above New Power Panel



634-PP-643-3001

Looking East 634 Pipe Alley