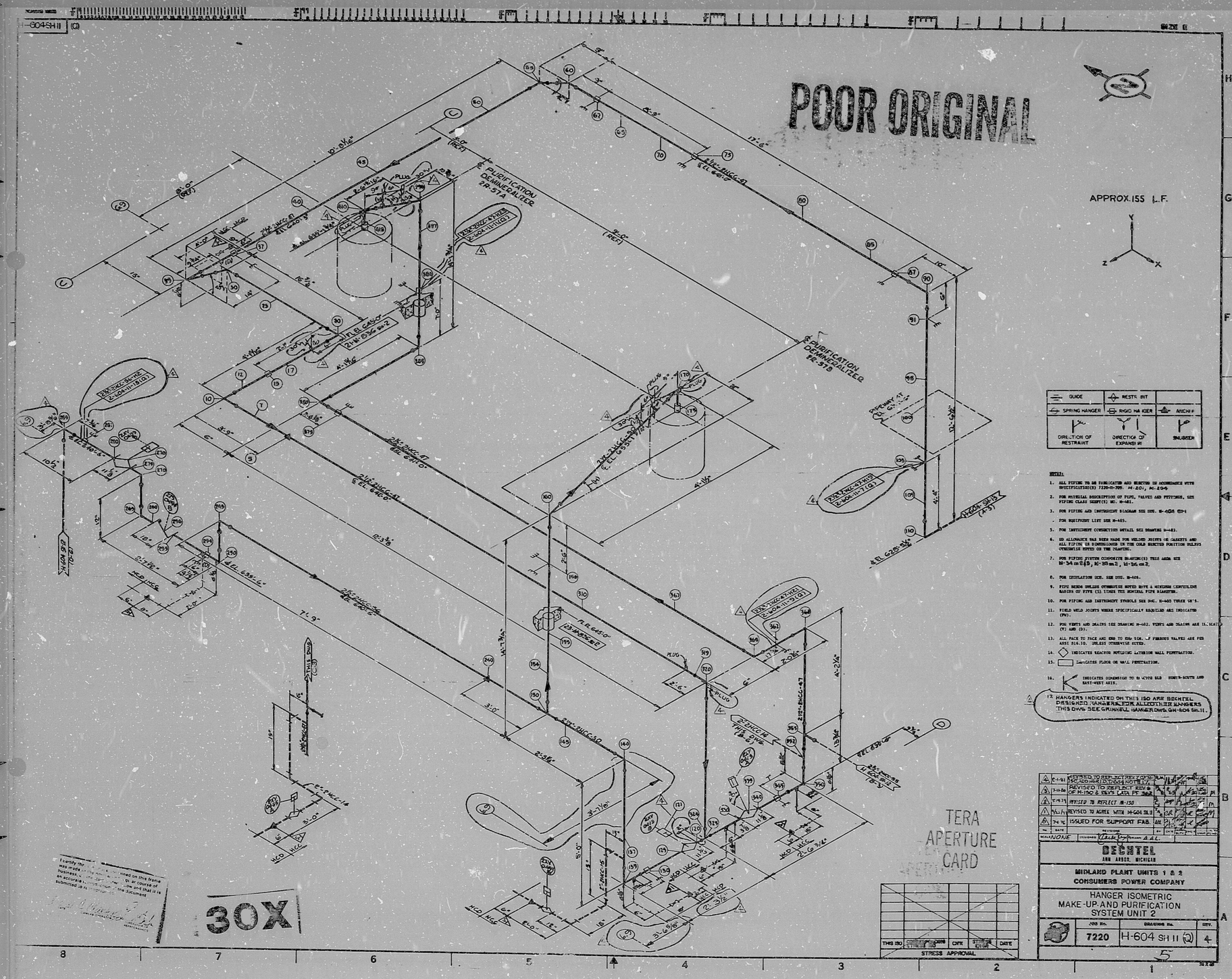
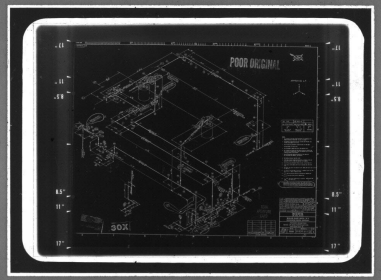


POOR ORIGINAL
APPROX.155 L.F.
PURIFICATION DEMINERALIZER 2R-57A
PURIFICATION DEMINERALIZER 2R-57B
GUIDE
RESTRAINT
SPRING HANGER
RIGID HANGER
ANCHOR
DIRECTION OF RESTRAINT
DIRECTION OF EXPANSION
SNUBBER
NOTES:
1. ALL PIPING TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SPECIFICATION(S) 7220-M-209, M-201, M-204
2. FOR MATERIAL DESCRIPTION OF PIPE, VALVES AND FITTINGS, SEE PIPING CLASS SHEET(S) NO. M-481.
3. FOR PIPING AND INSTRUMENT DIAGRAM SEE DWG. M-408 SH-1
. FOR EQUIPMENT LIST SEE M-485.
5. FOR INSTRUMENT CONNECTION DETAIL SEE DRAWING M-483.
6. NO ALLOWANCE HAS BEEN MADE FOR WELDED JOINTS OR GASKETS AND ALL PIPING IS DIMENSIONED IN THE COLD ERECTED POSITION UNLESS OTHERWISE NOTED ON THE DRAWING.
7. FOR PIPING SYSTEM COMPOSITE DRAWING(S) THIS AREA SEE M-34 SH 2 & 3, M-38 SH 2, M-36 SH 2.
8. FOR INSULATION SEE DWG. M-404.
9. PIPE BENDS UNLESS OTHERWISE NOTED HAVE A MINIMUM CENTERLINE RADIUS OF FIVE (5) TIMES THE NOMINAL PIPE DIAMETER.
10. FOR PIPING AND INSTRUMENT SYMBOLS SEE DWG. M-400 THREE SH'S.
11. FIELD WELD JOINTS WHERE SPECIFICALLY REQUIRED ARE INDICATED (FW).
12. FOR VENTS AND DRAINS SEE DRAWING M-402. VENTS AND DRAINS ARE INDICATED (V) AND (D).
13. ALL FACE TO FACE AND END TO END DIM. OF FERROUS VALVES ARE PER ANSI B16.10. UNLESS OTHERWISE NOTED.
14. INDICATES REACTOR BUILDING EXTERIOR WALL PENETRATION.
15. INDICATES FLOOR OR WALL PENETRATION.
16. INDICATES DIMENSION TO REACTOR BLD NORTH-SOUTH AND EAST-WEST AXIS.
17. HANGERS INDICATED ON THIS ISO ARE BECHTEL DESIGNED HANGERS. FOR ALL OTHER HANGERS THIS DWG SEE GRINNELL HANGER DWG. GH-604 SH. 11.
REVISED TO REFLECT REV 2 OF M-150 & REV 3 LATA PF 362
REVISED TO REFLECT M-150
REVISED TO AGREE WITH M-604 SH 11
ISSUED FOR SUPPORT FAB.
NONE
BECHTEL
ANN ARBOR, MICHIGAN
MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY
HANGER ISOMETRIC
MAKE-UP AND PURIFICATION
SYSTEM UNIT 2
7220
H-604 SH 11 (Q)
4
STRESS APPROVAL
TERA APERTURE CARD
30X

RIDS

811R220202



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