H-611 SH-7

SIZE E

APPROX L.F. 310

STRESS ANALYSIS DATA						
MATERIAL						
LINE NO.						
O.D. / NOM.						
THICK. / SCH.						
TEMP. °F						
ESSING. PSIG						
WORK. PSIG						
EXP. COEFF. CCL. / IN / °F						
MOD. E. KSI						

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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.
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-641
4. 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
8. FOR INSULATION SCH. SEE DWG. M-484.
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 THESE SH'S.
11. FIELD WELD JOINTS WHERE SPECIFICALLY REQUIRED ARE INDICATED (FW).
12. FOR VENTS AND DRAINS SEE DRAWING M-482. VENTS AND DRAINS ARE INDICATED (V) AND (D).
13. ALL FACE TO FACE F2O ITEM 10 END 3.0" OF FERROUS VALVES ARE PER ASME B16.10. UNLESS OTHERWISE NOTE.
14. ◇ INDICATES REACTOR BUILDING EXTERIOR WALL PENETRATION.
15. ▭ INDICATES FLOOR OR WALL PENETRATION.
16.

NO.	DATE	REVISIONS	BY	CHK'D	APP'D
5	11-15-71	REV. HANGERS, ADDED OR DELETED DATA POINTS AS INDICATED			
4	11-1-71	REVISED TO REFLECT REV 9 OF M-59			
3	10-15-71	REVISED TO REFLECT REV 12 OF M-59 2 ADDED HANGER 1 ID HGRS. REVISED NOTE 16 REV AS INDICATED			
2	9-15-71	REVISED TO REFLECT ITEM 10 OF M-59			
1	8-31-71	REMOVED HANGER, ADDED SHOCK 2 THESE 4 REVISED TO REFLECT ITEM 10 OF M-59			
0	7-15-71	ISSUED FOR SUPPORT FAB			

SCALE NONE | DESIGNED J.T. | DRAWN L.D.A.

BECHTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

HANGER ISOMETRIC
DECAY HEAT REMOVAL SUCTION & DISCHARGE
IN PIPEWAY SYSTEM A&B UNIT 2

JOB No.	DRAWING No.	REV.
7220	H-611 SH-7	9

APERTURE CARD

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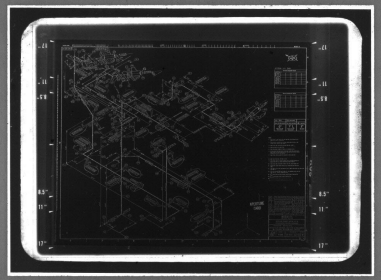

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