

H631SH2(Q)

NOTE: FOR RELIEF VALVE STACK
ELECTION TOLERANCE
SEE DWG. M-632SH3
DETAIL 'B'

SIZE E

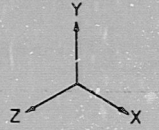
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APPROX. L.F. 714' INCL. STACK

STRESS ANALYSIS DATA	
LINE NO.	
TYPE	
FUNCTION	
WALL THICKNESS	
WELD TYPE	
WELD SIZE	
WELD CLASS	
WELD CLASS	
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WELD CLASS	

STRESS ANALYSIS DATA	
LINE NO.	
TYPE	
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WELD SIZE	
WELD CLASS	
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GUIDE	RESTRAINT	ANCHOR
SPRING HANGER	RIGID HANGER	
DIRECTION OF RESTRAINT	DIRECTION OF EXPANSION	SUBSIDY



- NOTES:
- ALL PIPING TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS 122M-200M-200, M-202, M-203, M-205.
 - FOR MATERIAL SPECIFICATION OF PIPES, VALVES AND FITTINGS, SEE PIPING CLASSIFICATION SHEET NO. M-441, 12 4 5M-15.
 - FOR PIPING AND EQUIPMENT DIAGRAMS SEE DWG. M-431 SH 2 (A) & (B).
 - FOR EQUIPMENT DATA SEE M-445.
 - FOR INSTRUMENT CONNECTIONS SEE DRAWING M-443.
 - ALL WELDS MUST BE MADE FOR WELDED JOINTS OR GASKETS AND ALL FITTINGS TO BE INSTALLED IN THE CORRECT POSITION UNLESS OTHERWISE NOTED ON THE DRAWING.
 - FOR SYSTEM SYSTEMS DRAWINGS THIS AREA SEE M-429.
 - FOR PENETRATION SEE DWG. M-444.
 - PIPE HANGERS SHALL BE INSTALLED AS NOTED WITH A HANGER CONTAINING RANGES OF PIPE (5) TIMES THE NORMAL PIPE STRENGTH.
 - FOR PIPING AND EQUIPMENT DIAGRAMS SEE DWG. M-400 THREE SHEETS.
 - FIELD WELD JOINTS WHERE SUFFICIENTLY ACQUIRED ARE INDICATED (F-1).
 - FOR WELDS AND GRADES SEE DRAWING M-442. WELDS AND GRADES ARE INDICATED (F-1) AND (F-2).
 - ALL FACE TO FACE AND END TO END JOINTS OF FERROUS VALVES ARE TO BE MADE TO FULL STRENGTH WITH WELDING.
 - INDICATES WELDER BUILDING DETAIL OF WALL PENETRATION.
 - INDICATES FLANGE OF WALL PENETRATION.
 - INDICATES CONNECTION TO REACTOR 3102, NORTH-SOUTH AND EAST-WEST WALLS.
 - HANGERS INDICATED ON THIS ISOMETRIC ARE BECHTEL DESIGNED HANGERS, FOR ALL OTHER HANGERS THIS DWG. SEE GRINNELL HANGER DWG. GH-431 SH 2 (Q).

30X

DATE: 10/11/60
DESIGNER: [Name]
CHECKER: [Name]
APPROVED: [Name]

LOCATION OF RELIEF STACK
AS SHOWN FROM 6" DIA.
DISCHARGE PIPE

PIPE	SIZE	ALTIMETER	DISTANCE
1109	24"	20'	20'
1108	24"	20'	17'
1107	24"	20'	15'
1106	24"	20'	13'
1105	24"	20'	11'
1104	24"	20'	9'
1103	24"	20'	7'
1102	24"	20'	5'
1101	24"	20'	3'

POOR ORIGINAL

THIS ISOMETRIC DRAWING	CHK	DATE
STRESS APPROVAL		

REVISION	DATE	BY	APP'D
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100	10/11/60	[Name]	[Name]

BECHTEL
4800 E. 12TH AVENUE, DENVER, COLORADO

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

HANGER ISOMETRIC
MAIN STEAM AND TURBINE STEAM
AUX. & TURBINE UNIT SYSTEM 'A'

JOB NO.	DRAWING NO.	REV.
7220	H-631 SH 2 (Q)	8

RIDS

8112220352

