



APPROX LF 310

GRADE	RESTRAINT	SECTION
PIPE HANGER	ROD HANGER	PIPE JOINT
DIRECTION OF RESTRAINT	DIRECTION OF EXPANSION	RELIEF

SYSTEM ANALYSIS DATA	
DESCRIPTION	STATUS
PIPE SIZE	
PIPE WALL THICKNESS	
PIPE SCHEDULE	
PIPE MATERIAL	
PIPE WEIGHT	
PIPE COST	
PIPE INVENTORY	
PIPE LOSS	

- NOTES:
1. ALL PIPING TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS 1280-0-00, P. 001, 0-104.
 2. FOR MATERIAL DESIGN, TYPE OF PIPE, VALVE AND FITTINGS, SEE FITTING DATA SHEET(S) ON 0-104.
 3. FOR FIT SIZE AND ENDVIEW DIAGRAM SEE 0-104.
 4. FOR PIPE WEIGHT LIST SEE 0-104.
 5. FOR INSTRUMENT CONNECTION DETAILS SEE DRAWING 0-101.
 6. *IF ALLOWANCE HAS BEEN MADE FOR WELDING JOINTS OR GASKETS AND ALL FITTINGS IS INDICATED IN THE DATA SHEET POSITION PLEASE APPROPRIATE NOTATION IN THE DRAWING.
 7. FOR PIPING BY THIS CONTRACTOR(S) THIS AREA USE: M-28 S41, M-50 S41, M-62.
 8. FOR CONTRACTOR USE SEE 0-104.
 9. PIPE HANGER AND ROD WEIGHTS HAVE A DESIGN CHECKING RECORD OF FITTING (S) THROUGH THE ORIGINAL PIPING DRAWINGS.
 10. FOR PIPING AND CONNECTIONS REFER TO THE 0-104 TUBES 0-101.
 11. FIELD AND SHOP WEIGHTS SPECIFICALLY NOTED AND INDICATED ON 0-104.
 12. FOR WEIGHT AND CENTER OF GRAVITY DATA, WEIGHTS AND DIMENSIONS ARE INDICATED ON 0-104.
 13. ALL DATA ON THIS DRAWING IS TO BE USED FOR PIPING VALVE AND PIPE WEIGHT DATA UNLESS OTHERWISE NOTED.
 14. \square INDICATES HANGER WITH EXTERNAL GULL FORMATION.
 15. \square INDICATES PLUMB OR BELL FORMATION.
 16. SEE MO SPOOL PIECE (COUNTERBORED TO SIZE 00 AT ONE END) BY GRINNELL BECHTEL FIELD TO SHORTER EXISTING SPOOL I-FCB-22-S-610-7-11 TO FIT.
 17. HANGERS INDICATED ON THIS DRAWING ARE BECHTEL DESIGNED HANGERS FOR ALL OTHER HANGERS THIS DATA SEE GRINNELL HANGER AND SPOOL DATA.

POOR ORIGINAL

TERA APERTURE CARD

30X

NO.	DESCRIPTION	DATE	BY	CHKD.
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BECHTEL	
133 J. J. MICHAEL	
DOWLAND PLANT UNITS 1 & 2	
CONSUMERS POWER COMPANY	
HANGER ISOMETRIC	
DECAY HEAT REMOVAL SUCTION (DISCHARGE	
IN PIPEWAY - SYSTEM A & B - UNIT 1	
JOB NO.	DRAWING NO.
7220	H-610 SH.7(Q) 8

8.5"
11"
17"

8.5"
11"
17"

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