



APPROX LF 309'-0"

SLIDE	RESTRAINT	
SPRING HANGER	ISO HANGER	ANCHOR
DIRECTION OF RESTRAINT	DIRECTION OF RESTRAINT	SHOWN

- NOTES:
1. ALL PIPING TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SPECIFICATIONS 1225-204
 2. FOR MATERIAL DESCRIPTION OF PIPE, VALVES AND FITTINGS, SEE PIPING CLASS SHEET(S) NO. H-441
 3. FOR PIPING AND INSTRUMENT SIZES, SEE SPEC. H-457 5M 3A.2D
 4. FOR EQUIPMENT LIST, SEE H-453
 5. FOR INSTRUMENT CONNECTION DETAIL, SEE DRAWING H-451
 6. NO ALLOWANCE HAS BEEN MADE FOR WELDED JOINTS OR GASKETS AND ALL PIPING IS CONSIDERED IN THE UNIDIRECT PRACTICE UNLESS OTHERWISE NOTED ON THE DRAWING.
 7. FOR FITTING SYSTEM COMPLETE (HANGERS), THIS AREA SEE H-36 SH 1 (H-36 SH 1), H-36 SH 1, H-36 SH 1, H-36 SH 1, H-36 SH 1, H-36 SH 1, H-36 SH 1, H-36 SH 1
 8. FOR CALCULATION SCR, SEE SPEC. H-440
 9. PIPE BODIES UNLESS OTHERWISE NOTED HAVE A MINIMUM CORRELATING BRACES OF FIVE (5) TIMES THE NOMINAL PIPE DIAMETER.
 10. FOR PIPING AND INSTRUMENT SYMBOLS, SEE AM, H-400 TUBE SHT.
 11. FIELD WELD JOINTS UNLESS SPECIFICALLY NUMBERED ARE IDENTIFIED (P.W.)
 12. FOR VENTS AND DRAINS, SEE DRAWING H-482. VENTS AND DRAINS ARE INDICATED BY AND (V)
 13. ALL FACE TO FACE AND END TO END DIMS. OF PIPING VALVES ARE FOR 400# DIMS. UNLESS OTHERWISE NOTED.
 14. (X) INDICATES HANGER BEING EXTERIOR WALL PENETRATION.
 15. (W) INDICATES HANGER ON WALL PENETRATION.
 16. HANGERS INDICATED ON THIS ISO ARE BECHTEL DESIGNED HANGERS, FOR ALL OTHER HANGERS, THIS DWS SEE GRINNELL HANGER DWS OH 657 5A.4

30X

REV	DESCRIPTION	DATE	BY	CHK
1	REV TO REFLECT REV OF H-50, REV HANGER LOC. ADDED HERE TO DWS			
2	REVISED FOR ADDITIONAL HANGERS, ADDED DATA POINTS & ALIGNED HANGERS			
3	REVISED TO REFLECT H-150			
4	INCORPORATED SHT 01 AND ENDED TO REFLECT M. TECH			
5	ADDED DATA POINTS AT (B-4)			
6	ISSUED FOR SUPPORT FAB			
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BECHTEL AN AMER. BECHTEL			
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY			
HANGER ISOMETRIC RELATED AUX. BLDG. SAFETY RELATED CHILLED WATER SYSTEM UNIT 2 TRAIN A RETURN			
JOB NO.	DRAWING NO.	REV.	
7220	H-657SH.4 (C)	5	

TERA
APERTURE
CARD
POOR ORIGINAL

8.5"
11"
17"

8.5"
11"
17"

REV	DESCRIPTION	DATE	BY	CHK
1	REV TO REFLECT REV OF H-50, REV HANGER LOC. ADDED HERE TO DWS			

RIDS

8112220395

