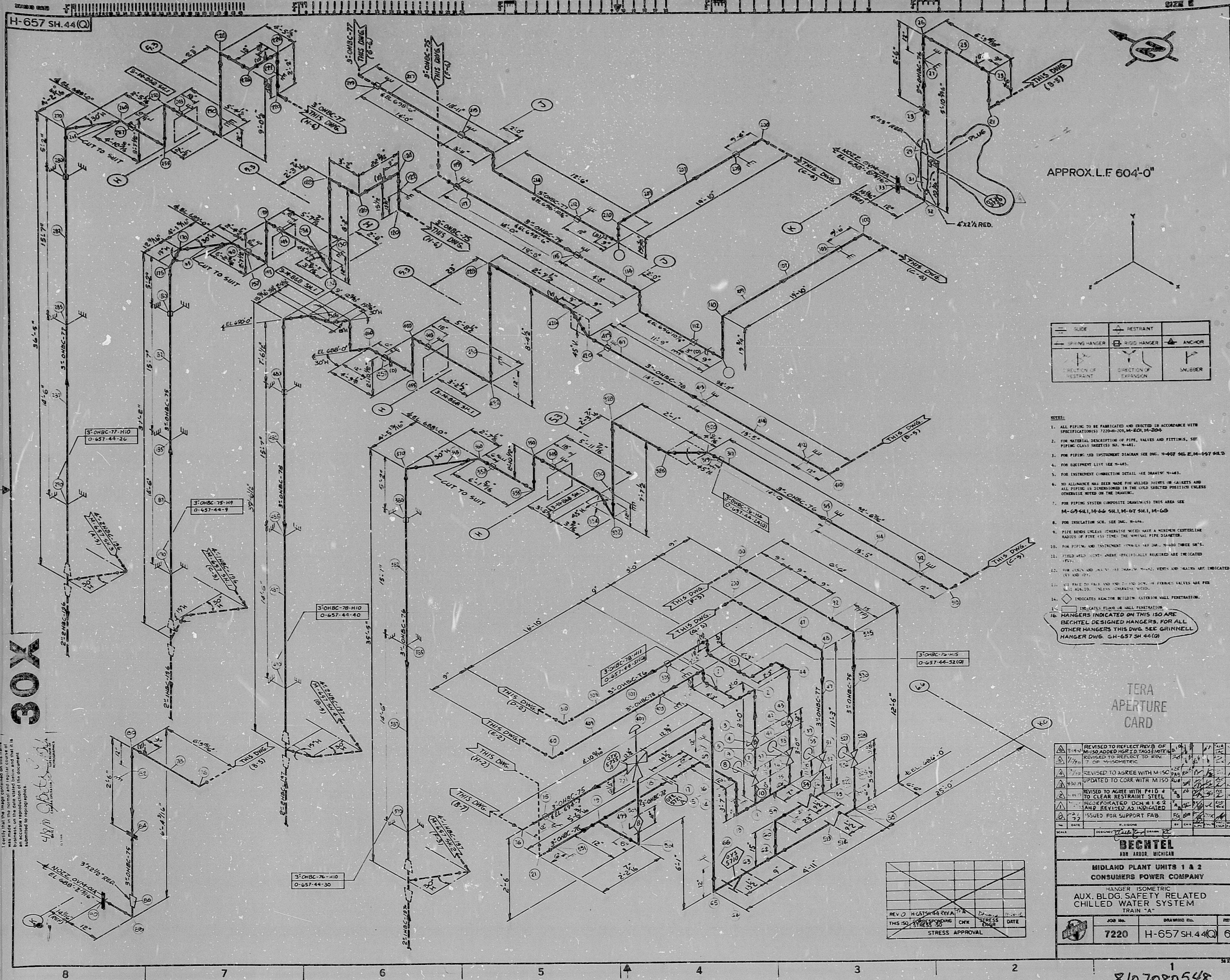




PIPE	RESTRAINT	ANCHOR
SPRING HANGER	RIGID HANGER	ANCHOR
DIRECTION OF RESTRAINT	DIRECTION OF EXPANSION	ANCHOR

- NOTES:
1. ALL PIPING TO BE FABRICATED AND ERRECTED IN ACCORDANCE WITH SPECIFICATIONS 7220-40-100, M-601, M-604.
 2. FOR MATERIAL DESCRIPTION OF PIPE, VALVES AND FITTINGS, SEE PIPING CLASSIFICATION SHEET NO. W-401.
 3. FOR PIPE JOINT DETAILING SEE DETAIL 10-401.
 4. FOR EQUIPMENT LIFT SEE 10-401.
 5. FOR INSTRUMENT CONNECTION DETAIL SEE DETAIL 10-401.
 6. NO ALLOWANCE HAS BEEN MADE FOR WELDED JOINTS OR GASKETS AND ALL PIPING IS DIMENSIONED IN THE FIELD UNLESS OTHERWISE NOTED ON THE DRAWING.
 7. FOR PIPING SYSTEM (COMPOSITE DRAWING) THIS AREA SEE M-604-1, M-604-2, M-604-3, M-604-4, M-604-5.
 8. FOR INSULATION SEE DETAIL 10-401.
 9. PIPE HANGERS UNLESS OTHERWISE NOTED HAVE A MINIMUM CANTILEVER RADIUS OF FIVE (5) TIMES THE MINIMUM PIPE DIAMETER.
 10. FOR PIPING AND INSTRUMENT SYMBOLS SEE DETAIL 10-401 THREE SHEETS.
 11. FIELD WELD JOINTS WHERE SPECIFICALLY NOTED ARE INDICATED BY "F".
 12. FOR GASKETS AND VALVE SEALS SEE DETAIL 10-401.
 13. SEE DETAIL 10-401 FOR VALVE AND FITTING SYMBOLS.
 14. INDICATES REACTOR BUILDING EXTERIOR WALL PENETRATION.
 15. INDICATES PLUMBING WALL PENETRATION.
 16. HANGERS INDICATED ON THIS ISOM ARE BECTEL DESIGNED HANGERS. FOR ALL OTHER HANGERS THIS DWG. SEE GRINNELL HANGER DWG. GH-657 SH 44(Q).

TERA APERTURE CARD

REVISION	DATE	BY	APP'D	REVISION	DATE	BY	APP'D
1	10/1/72	J. H. H.		1	10/1/72	J. H. H.	
2	10/1/72	J. H. H.		2	10/1/72	J. H. H.	
3	10/1/72	J. H. H.		3	10/1/72	J. H. H.	
4	10/1/72	J. H. H.		4	10/1/72	J. H. H.	
5	10/1/72	J. H. H.		5	10/1/72	J. H. H.	
6	10/1/72	J. H. H.		6	10/1/72	J. H. H.	
7	10/1/72	J. H. H.		7	10/1/72	J. H. H.	
8	10/1/72	J. H. H.		8	10/1/72	J. H. H.	
9	10/1/72	J. H. H.		9	10/1/72	J. H. H.	
10	10/1/72	J. H. H.		10	10/1/72	J. H. H.	

BECTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

HANGER ISOMETRIC
AUX. BLDG. SAFETY RELATED
CHILLED WATER SYSTEM
TRAIN "A"

JOB NO.	DRAWING NO.	REV.
7220	H-657 SH 44(Q)	6

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