



APPROX LF 142'-0"

- NOTES:
1. ALL PIPING TO BE FABRICATED AND ERRECTED IN ACCORDANCE WITH SPECIFICATIONS 7200-0-0-0.
 2. FOR MATERIAL DESCRIPTION OF PIPE, VALVES AND FITTINGS, SEE PIPING CLASS SHEET(S) NO. H-481.
 3. FOR PIPING AND INSTRUMENT DIAGRAM SEE DOC. H-403 SH 4 & 5.
 4. FOR EQUIPMENT LIST SEE H-483.
 5. FOR INSTRUMENT CONNECTIONS REFER TO DRAWING H-481.
 6. NO ALLOWANCE FOR WELD METAL FOR WELDED JOINTS OR GASKETS AND ALL PIPING IS DISCONTINUED IN THE FIELD PAINTED SYSTEM UNLESS OTHERWISE NOTED ON THE DRAWING.
 7. FOR PIPE SPECIFICATIONS DRAWING(S) THIS AREA SEE H-35 SH 1 & 2.
 8. FOR INSULATION SEE SEE DOC. H-484.
 9. PIPE BENDS SHALL BE OPERATED WITH A MINIMUM CENTRAL RADIUS OF PIPE (S) TIMES THE NOMINAL PIPE DIAMETER.
 10. FOR PIPING AND INSTRUMENT SYMBOLS SEE DOC. H-400 THREE SETS.
 11. FIELD WELD JOINTS UNLESS SPECIFICALLY INDICATED ARE INDICATED (D).
 12. FOR VENTS AND DRAINS SEE DRAWING H-481. VENTS AND DRAINS ARE INDICATED (V) AND (D).
 13. ALL FACE TO FACE AND END TO END DIM. OF FITTINGS SHALL BE AS PER APPLICABLE SPECIFICATIONS UNLESS OTHERWISE NOTED.
 14.
 - 15.
 - 16.

NOTES CONT.

17. HANGERS INDICATED ON THIS ISO ARE BECTHEL DESIGNED HANGERS, FOR ALL OTHER HANGERS THIS CHG. SEE GRINNELL HANGER DWG 64 603 SH 12

TERA APERTURE CARD

30X

REV.	DATE	BY	CHK.	STRESS	DATE
THURSDO				ENGR	

STRESS APPROVAL

NO.	DATE	BY	CHK.	REVISION
1	11/12/50	W. J. SAVOVICH		ISSUED FOR SUPPORT FABRICATION
2	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 1 OF H-403
3	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 2 OF H-403
4	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 3 OF H-403
5	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 4 OF H-403
6	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 5 OF H-403
7	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 6 OF H-403
8	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 7 OF H-403
9	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 8 OF H-403
10	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 9 OF H-403
11	11/12/50	W. J. SAVOVICH		REVISED TO REFLECT REV. 10 OF H-403

BECTHEL
ANY ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

HANGER ISOMETRIC
MAKE-UP AND PURIFICATION SYSTEM
UNIT-1

JOB NO.	DRAWING NO.	REV.
7220	H-603 SH 12 (2)	9

POOR ORIGINAL

