



APPROX. 197 L.F.

SYSTEM ANALYSIS DATA	
DESIGNER	
DATE	
PROJECT	
NO.	
REV.	
BY	
CHECKED	
DATE	

DESIGN CALCULATION REFERENCE

FROM DP TO DP	CALCULATION NUMBER	REV
115	245	SC-4774(8)
116	245	SC-4774(8)
117	130	SC-5274(8)

- NOTES:
1. ALL PIPING TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS 7110-0-204, PIP-204, P.100.
 2. PIPING MATERIAL SPECIFICATIONS OF PIPE, VALVES AND FITTINGS, USE TYPES CLASSIFIED AS "B" GRADE.
 3. FOR PIPING AND EQUIPMENT MATERIALS SEE SPEC. 6-07, 6-08, 6-09.
 4. FOR EQUIPMENT SEE SPEC. 6-08.
 5. FOR EQUIPMENT CONNECTIONS SEE SPEC. 6-08.
 6. IN ALL CASES OF A NEW PIPE OR LONG JOINTS OF PIPE USE ALL PIPE IN A JOINTED OR IN ONE JOINTED PIPE. USE WELDED JOINTS OF THE FOLLOWING:
 7. THE PIPE JOINTS (COMPOSITE JOINTS) SHALL BE AS PER SPEC. 6-08, 6-09.
 8. THE EQUIPMENT SHALL BE AS PER SPEC. 6-08.
 9. PIPE HANGERS SHALL BE WELDED TO THE SUPPORTS AND SHALL BE MADE OF TYPE (3) STEEL PER GENERAL PIPING SPECIFICATIONS.
 10. PIPE FITTINGS AND EQUIPMENT SHALL BE AS PER SPEC. 6-07, 6-08.
 11. FIELD AND SHOP WELDS SHALL BE SPECIFICALLY IDENTIFIED AND INDICATED ON THE DRAWING.
 12. FOR WELDS AND BRACES THE DRAWING SHALL SHOW THE WELDS AND BRACES AS INDICATED ON THE DRAWING.
 13. ALL PIPING TO BE INSTALLED SHALL BE IN THE SHOP. ALL PIPING SHALL BE PER UNIT SPECIFICATIONS. USE THE SPECIFICATIONS NOTED.
 - 14.

POOR ORIGINAL

PRO APERTURE CARD

3.0 X

CERTIFICATE OF MICROFILMING
 I certify that the image contained on this frame was made in the normal and regular course of business on the date stated below and that it is an accurate reproduction of the document submitted to the contractor for filming by Bechtel Power Corporation.
 DATE: 11/2/77 BY: [Signature] CONTRACTOR: [Signature]

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BECHTEL AND ASSOCIATES		
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY		
HANGER ISOMETRIC COMPONENT COOLING WATER RETURN SYSTEM 'B' UNIT 2		
NO.	DATE	REV.
7220	H617SH9 (C)	10

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