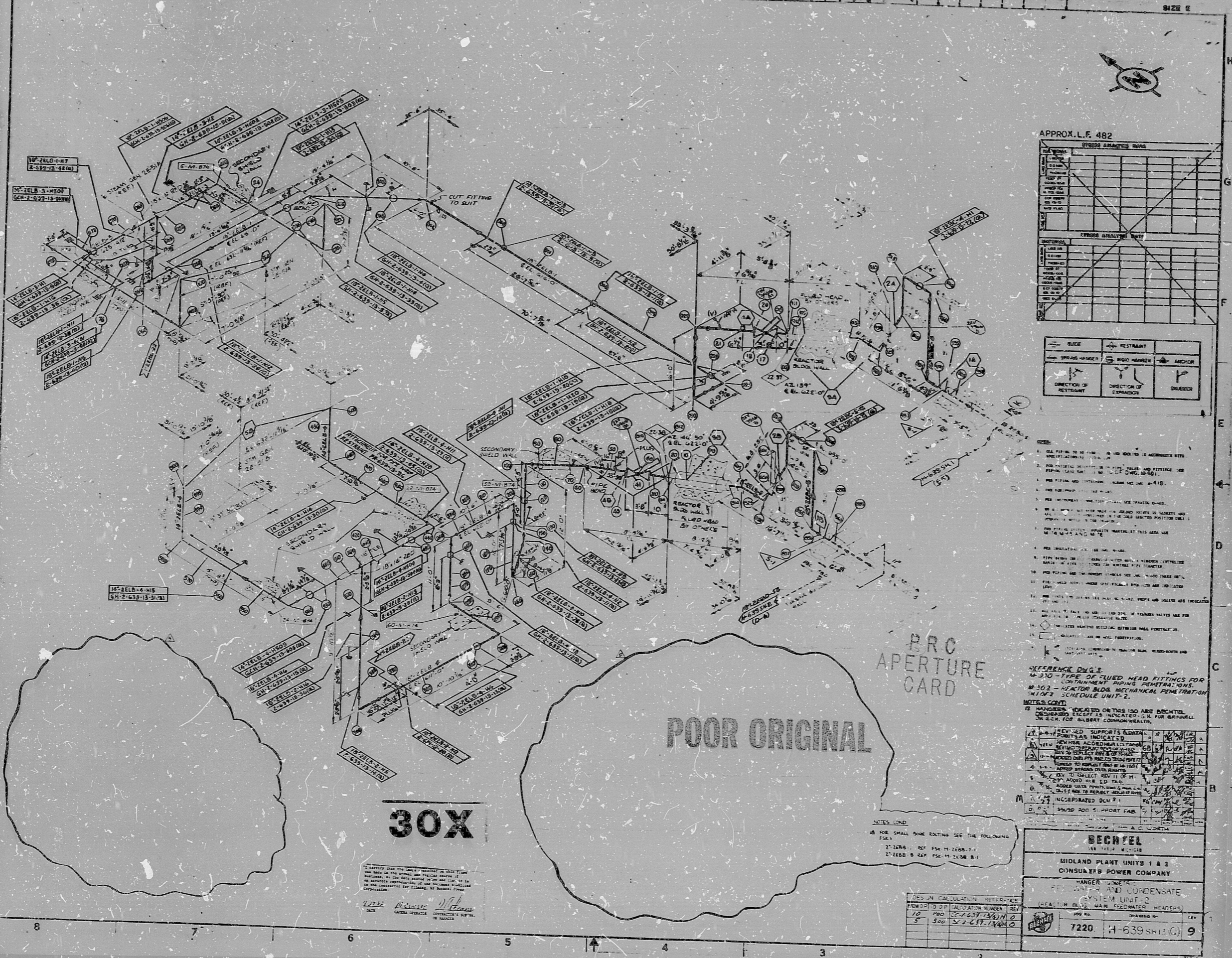


H-639 SHI (G)



APPROX. L.F. 482

NO.	DESCRIPTION	QTY.	UNIT	PRICE	TOTAL
1	PIPE				
2	VALVE				
3	ANCHOR				
4	WELDED FITTING				
5	FLANGE				
6	PIPE HANGAR				
7	PIPE BRACKET				
8	PIPE CLAMP				
9	PIPE SUPPORT				
10	PIPE WELD				
11	PIPE CUTTING				
12	PIPE GRINDING				
13	PIPE PAINTING				
14	PIPE INSULATION				
15	PIPE TESTING				
16	PIPE CLEANING				
17	PIPE REPAIR				
18	PIPE REPLACEMENT				
19	PIPE MODIFICATION				
20	PIPE REMOVAL				



1. ALL PIPING TO BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS.
2. FOR MATERIALS TO BE USED IN THE FIELD AND FITTINGS SEE PIPING SPECIFICATIONS AND STANDARDS.
3. FOR FITTINGS AND WELDS SEE WELDING SPECIFICATIONS AND STANDARDS.
4. FOR INSULATION SEE WELDING SPECIFICATIONS AND STANDARDS.
5. FOR SPRING HANGERS AND ANCHORS SEE WELDING SPECIFICATIONS AND STANDARDS.
6. FOR RESTRAINTS SEE WELDING SPECIFICATIONS AND STANDARDS.
7. FOR DIRECTION OF RESTRAINT AND DIRECTION OF EXPANSION SEE WELDING SPECIFICATIONS AND STANDARDS.
8. FOR DRUGGED SEE WELDING SPECIFICATIONS AND STANDARDS.
9. FOR PIPE HANGARS AND PIPE BRACKETS SEE WELDING SPECIFICATIONS AND STANDARDS.
10. FOR PIPE CLAMPS AND PIPE SUPPORTS SEE WELDING SPECIFICATIONS AND STANDARDS.
11. FOR PIPE CUTTING AND PIPE GRINDING SEE WELDING SPECIFICATIONS AND STANDARDS.
12. FOR PIPE PAINTING AND PIPE INSULATION SEE WELDING SPECIFICATIONS AND STANDARDS.
13. FOR PIPE TESTING AND PIPE CLEANING SEE WELDING SPECIFICATIONS AND STANDARDS.
14. FOR PIPE REPAIR AND PIPE REPLACEMENT SEE WELDING SPECIFICATIONS AND STANDARDS.
15. FOR PIPE MODIFICATION AND PIPE REMOVAL SEE WELDING SPECIFICATIONS AND STANDARDS.

REFERENCE Dwg. 2

NO.	DESCRIPTION	DATE	BY	CHECKED
1	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
2	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
3	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
4	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
5	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
6	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
7	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
8	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
9	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS
10	REVISED SUPPORTS & DATA	10/1/50	J. H. HARRIS	J. H. HARRIS

BECHTEL
 MIDLAND PLANT UNITS 1 & 2
 CONSOLIDATED POWER COMPANY
 REACTOR BLDG. CONDENSATE SYSTEM UNIT-2
 (HEATER BLDG. MAIN FEEDWATER HEADERS)
 7220 H-639 SHI (G) 9

11
 11
 8.5"
 8.5"
 11"
 11"
 17"

11
 11
 8.5"
 8.5"
 11"
 11"
 17"

30X

1. I hereby declare that the design and construction of this work was done by me or under my direct supervision and that I am a duly licensed professional engineer in the State of California.

DATE: 10/1/50
 ENGINEER: J. H. HARRIS
 CONTRACTOR'S SIGNATURE: [Signature]

DESIGN CALCULATION REFERENCES

NO.	DESCRIPTION
1	ASME CODE
2	API SPECIFICATION
3	AWWA STANDARD
4	BRIDGE ENGINEERING
5	STEEL DESIGN
6	CONCRETE DESIGN
7	WOOD DESIGN
8	MECHANICAL DESIGN
9	ELECTRICAL DESIGN
10	PLUMBING DESIGN

RIDS

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