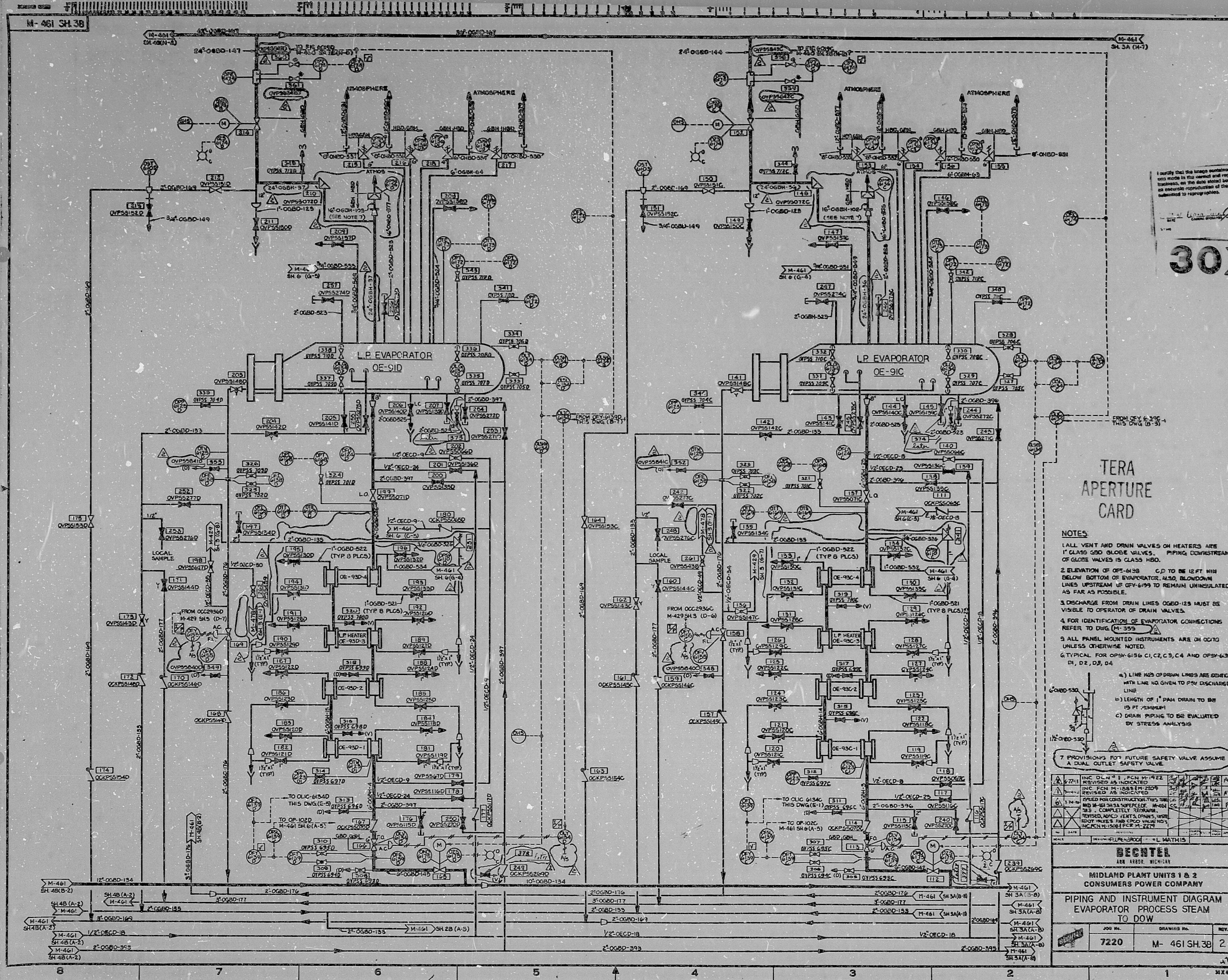




I certify that the design shown on this drawing was made by the design engineer or under his direct supervision and that he is a duly licensed professional engineer in the State of Michigan.

30X

TERA APERTURE CARD

- NOTES**
- 1. ALL VENT AND DRAIN VALVES ON HEATERS ARE 1" GLASS GLOBE VALVES. PIPING DOWNSTREAM OF GLOBE VALVES IS CLASS HB0.
 - 2. ELEVATION OF OPS-6130 TO BE 12 FT WITH BELOW BOTTOM OF EVAPORATOR. ALSO, BLOWDOWN LINES UPSTREAM OF OPS-6130 TO REMAIN UNINSULATED AS FAR AS POSSIBLE.
 - 3. DISCHARGE FROM DRAIN LINES OGC0-123 MUST BE VISIBLE TO OPERATOR OF DRAIN VALVES.
 - 4. FOR IDENTIFICATION OF EVAPORATOR CONNECTIONS REFER TO DIAG. M-359.
 - 5. ALL PANEL MOUNTED INSTRUMENTS ARE ON OGC0 UNLESS OTHERWISE NOTED.
 - 6. TYPICAL FOR OPS-6130 C1, C2, C3, C4 AND OPS-6130 D1, D2, D3, D4.
 - 7. PROVISIONS FOR FUTURE SAFETY VALVE ASSUME A DUAL OUTLET SAFETY VALVE.

1. LINE 123 OF DRAIN LINES ARE IDENTICAL WITH LINE NO. GIVEN TO PER DISCHARGE LINE	13. 15 FT. MINIMUM
2. LENGTH OF 1" PAN DRAIN TO BE 15 FT. MINIMUM	14. 15 FT. MINIMUM
3. DRAIN PIPING TO BE EVALUATED BY STRESS ANALYSIS	

BECHTEL AN IRVING-CLOUD COMPANY	
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY	
PIPING AND INSTRUMENT DIAGRAM EVAPORATOR PROCESS STEAM TO DOW	
JOB NO.	DRAWING NO.
7220	M-461 SH.38.2
REV.	
2	

RIDS

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