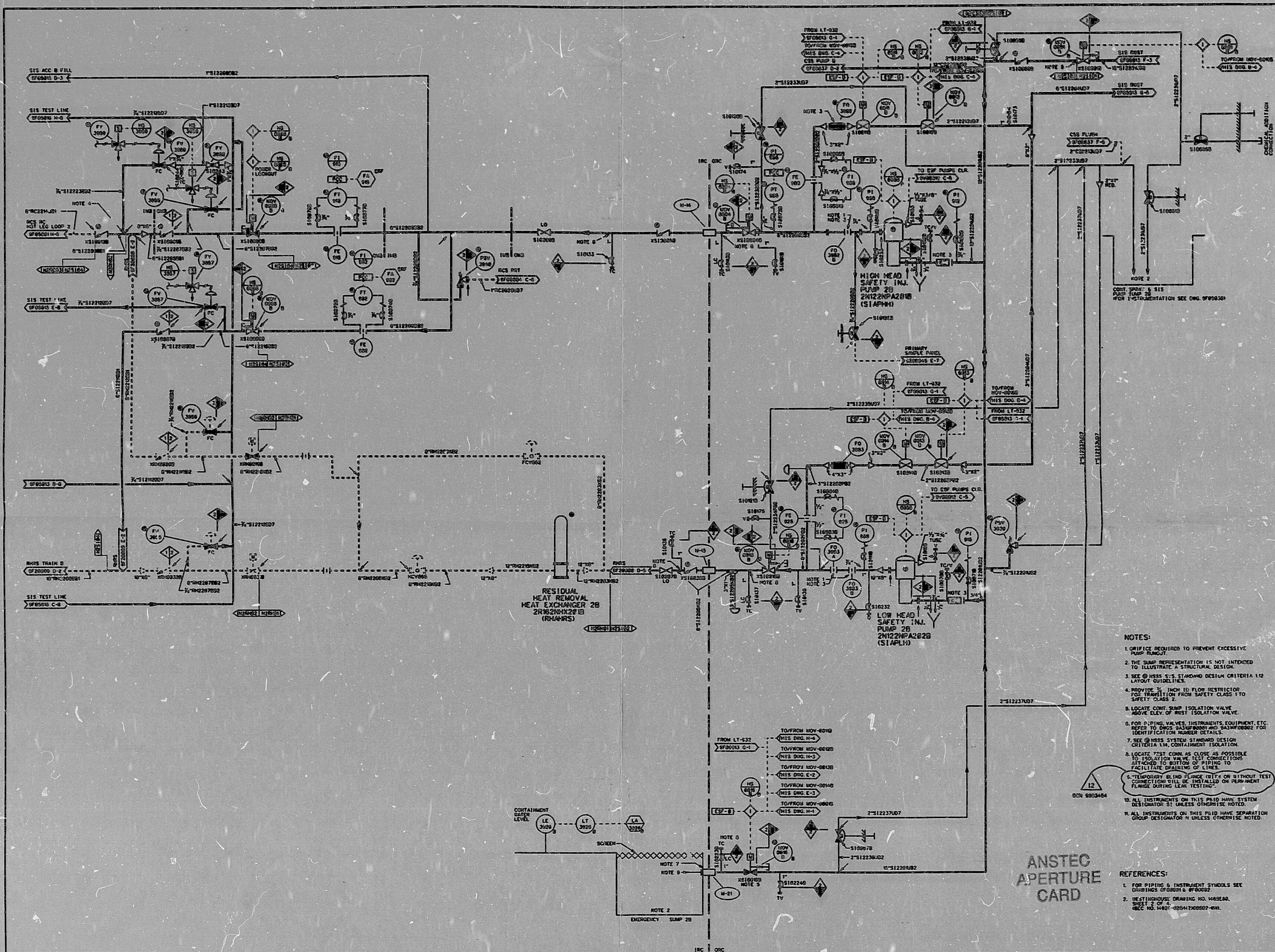

ANSTEC APERTURE CARD

NOTES:

1. ORIFICE REQUIRED TO PREVENT EXCESSIVE PUMP RUNOUT.
2. THE SUMP REPRESENTATION IS NOT INTENDED TO ILLUSTRATE A STRUCTURAL DESIGN.
3. SEE Ⓦ NSSS S.S. STANDARD DESIGN CRITERIA 1.12 LAYOUT GUIDELINES.
4. PROVIDE ⅜ INCH ID FLOW RESTRICTOR FOR TRANSITION FROM SAFETY CLASS 1 TO SAFETY CLASS 2.
5. LOCATE CONT. SUMP ISOLATION VALVE ABOVE ELEV. OF RUST ISOLATION VALVE.
6. FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DWGS 9A319F00001 AND 9A319F00002 FOR IDENTIFICATION NUMBER DETAILS.
7. SEE Ⓦ NSSS SYSTEM STANDARD DESIGN CRITERIA 1.14, CONTAINMENT ISOLATION.
8. LOCATE TEST CONN. AS CLOSE AS POSSIBLE TO ISOLATION VALVE. TEST CONNECTIONS ATTACHED TO BOTTOM OF PIPING TO FACILITATE DRAINING OF LINES.
9. "TEMPORARY BLIND FLANGE (WITH OR WITHOUT TEST CONNECTION) WILL BE INSTALLED ON PERMANENT FLANGE DURING LEAK TESTING". (△12 DCN 9603454)
10. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR SI UNLESS OTHERWISE NOTED.
11. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP DESIGNATOR N UNLESS OTHERWISE NOTED.

REFERENCES:

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 9F00001 & 9F00002.
2. WESTINGHOUSE DRAWING NO. 1469E60, SHEET 2 OF 4. (BEC NO. 14926-02041100002-WW).

EDMG DGN NO.	ISSUE DATE	REVISION	BY	CKR	RE	DV	NA	SE	PE
12	6-11-96	INCORP. DCN 9603454.	VJM			—	—		
11	6-23-93	HL&P ASSUMES DESIGN CHANGE CONTROL & INC. DCN MD-2774.	SIGNATURES ON FILE						
0-10	2-24-83	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE						

HOUSTON LIGHTING & POWER COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
SAFETY INJECTION SYSTEM

SCALE	DWG. NO.	REV.
NONE	5N129F05014 #2	12

5N129F05014#2 09/22/1997 12

JM PRIORITY 1 DC NO. D070928 FJA558.121

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 micrographics. DATE 6-11-96

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