



NOTES:

1. LOCATE TO BE IN THE OFFICE OF THE CONTRACTOR.
2. DELETED.
3. LOCATE VALVES AS CLOSE TO THE PUMP AS POSSIBLE.
4. SOME FLOW INDICATORS ARE LOCATED IN THE HORIZONTAL SECTION OF THE PIPE. A FLOW INDICATOR IS A FLOW INDICATOR. A FLOW INDICATOR IS A FLOW INDICATOR.
5. DELETED.
6. ALL INSTRUMENTS ON THIS PIPING SYSTEM SHALL BE OF THE GRADE AND MAKE SPECIFIED.
7. ALL INSTRUMENTS ON THIS PIPING SYSTEM SHALL BE OF THE GRADE AND MAKE SPECIFIED.
8. THE GRADE OF VALVES FURNISHED BY CA IS SHOWN ON NOT 1.
9. THE GRADE OF VALVES FURNISHED BY CA IS SHOWN ON NOT 1.
10. THIS VALVE IS POWER LOCKED OUT AT THE MCC.
11. THIS VALVE IS POWER LOCKED OUT AT THE MCC.

REFERENCES:

1. PIPING & INSTRUMENT SYMBOLS
2. INSTRUMENT SYMBOLS

NO.	DATE	REVISION	BY	CHK	RE	DV	MA	SE	PE	NO.	ISSUE DATE	REVISION	BY	CHK	RE	DV	MA	SE	PE	NO.	
17	9-27-93	INCORP. DCM MD-2987, DCM MD-2994 & EDITORIAL CHANGES AS NOTED.																			
16	8-24-93	INCORP. DCM MD-2982.																			
15	9-9-92	INCORP. DCM MD-2522.																			
14	6-6-91	INCORP. DCM MD-1986.																			
13	12-5-89	HELP ASSUMES DESIGN CHANGE CONTROL, INC. MCHN 87843-01.																			
12	5-5-83	ISSUED FOR CONSTRUCTION.																			

HOUSTON LIGHTING & POWER COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
COMPONENT COOLING WATER SYSTEM

SCALE: NONE
DWC NO: 5R209F05017 #1
REV: 18

09/22/1997
18

PRIORITY: 08/9920
FJA194.181

30:1

9710030007

PDR RIDS



9710030007

