



8001110496

NOTE  
AS PER IN 2 OF THIS DRAWING  
FOR TYPICAL INSTRUMENT AIR  
PIPING DETAIL FOR EACH MODULE  
OF DHX.

LINE NO.	SIZE (IN.)	SCFM PRESS. (PSIG)	REMARKS	LINE NO.	SIZE (IN.)	SCFM PRESS. (PSIG)	REMARKS
1	1/2	8	11000	31	1/2	4.5	7000
2	1/2	4		32	1/2	4.5	
3	1/2	10		33	1/2	4.5	
4	1/2	14		34	1/2	4.5	
5	1/2	14		35	1/2	4.5	
6	1/2	14		36	1/2	4.5	
7	1/2	14		37	1/2	4.5	
8	1/2	14		38	1/2	4.5	
9	1/2	14		39	1/2	4.5	
10	1/2	14		40	1/2	4.5	
11	1/2	4.5	7000	41	1/2	4.5	
12	1/2	4.5		42	1/2	4.5	
13	1/2	4.5		43	1/2	4.5	
14	1/2	4.5		44	1/2	4.5	
15	1/2	4.5		45	1/2	4.5	
16	1/2	4.5		46	1/2	4.5	
17	1/2	4.5		47	1/2	4.5	
18	1/2	4.5		48	1/2	4.5	
19	1/2	4.5		49	1/2	4.5	
20	1/2	4.5		50	1/2	4.5	
21	1/2	4.5		51	1/2	4.5	
22	1/2	4.5		52	1/2	4.5	
23	1/2	4.5		53	1/2	4.5	
24	1/2	4.5		54	1/2	4.5	
25	1/2	4.5		55	1/2	4.5	
26	1/2	4.5		56	1/2	4.5	
27	1/2	4.5		57	1/2	4.5	
28	1/2	4.5		58	1/2	4.5	
29	1/2	4.5		59	1/2	4.5	
30	1/2	4.5		60	1/2	4.5	

INSTRUMENT DELAY/ON		
LINE NO.	LINE NO.	REMARKS
H-4-11078		PAID INSTRUMENT AIR, SERVICE PIPING SYS 25
H-4-11020		PAID MAIN HEAT TRANSPORT SEC. LOOP DHX LOOP 1 SYS 51
H-4-11080		PAID MAIN HEAT TRANSPORT SEC. LOOP DHX LOOP 2 SYS 51
H-4-11088		PAID MAIN HEAT TRANSPORT SEC. LOOP DHX LOOP 3 SYS 51
H-4-11174		PAID INSTRUMENT AIR, SERVICE PIPING SYS 25

# NOTES:

- ALARMS ANNOUNCIATED ON DHX CONTROL PANELS & SET ARE RETRANSMITTED TO A SINGLE ANNUNCIATOR WINDOW ON PANEL C156 IN THE MAIN CONTROL ROOM. THE LOCAL ALARMS ARE CAPABLE OF RE-FLASHING THE WINDOW ON PANEL C156 WHEN THE C156 WINDOW IS IN AN ACKNOWLEDGED ALARM STATE.
- FOR SYMBOLS AND USAGE SEE LEGEND SHEETS: H-4-11095, 11094, 11095, 11096, 11098 AND 11099.
- ALL VALVE NUMBERS SHALL BE PRECEDED BY THE NUMBER 25.
- THE AIR SUPPLY #1 BACKUP AIR CYLINDERS SHALL BE CAPABLE OF SUPPLY INSTRUMENT AIR FOR A MINIMUM PERIOD OF 4 HOURS FOR LOOP #1 AND 30 MINUTES FOR LOOPS #2 & 3.
- BACKUP AIR CYLINDERS TO BE PURCHASED BY HEDL NUMBER OF CYLINDERS REQUIRED IS AS SHOWN.
- ALL CHECK VALVES SHALL HAVE 1/2" PSI SPRING LOAD.
- TORNADO HARDENED ENCLOSURE IS REQUIRED FOR MAIN HEAT DUMP-EAST (LOOP #1) BACKUP AIR SUPPLY SYSTEM.
- ALL RELIEF VALVES NOT SUPPLIED BY CYLINDER SUPPORT / MANFOLD VENDOR ARE 1/2" NPT.
- # DENOTES SUPPLIED BY CYLINDER SUPPORT & MANFOLD VENDOR.
- # DENOTES SUPPLIED BY CYLINDER VENDOR.

