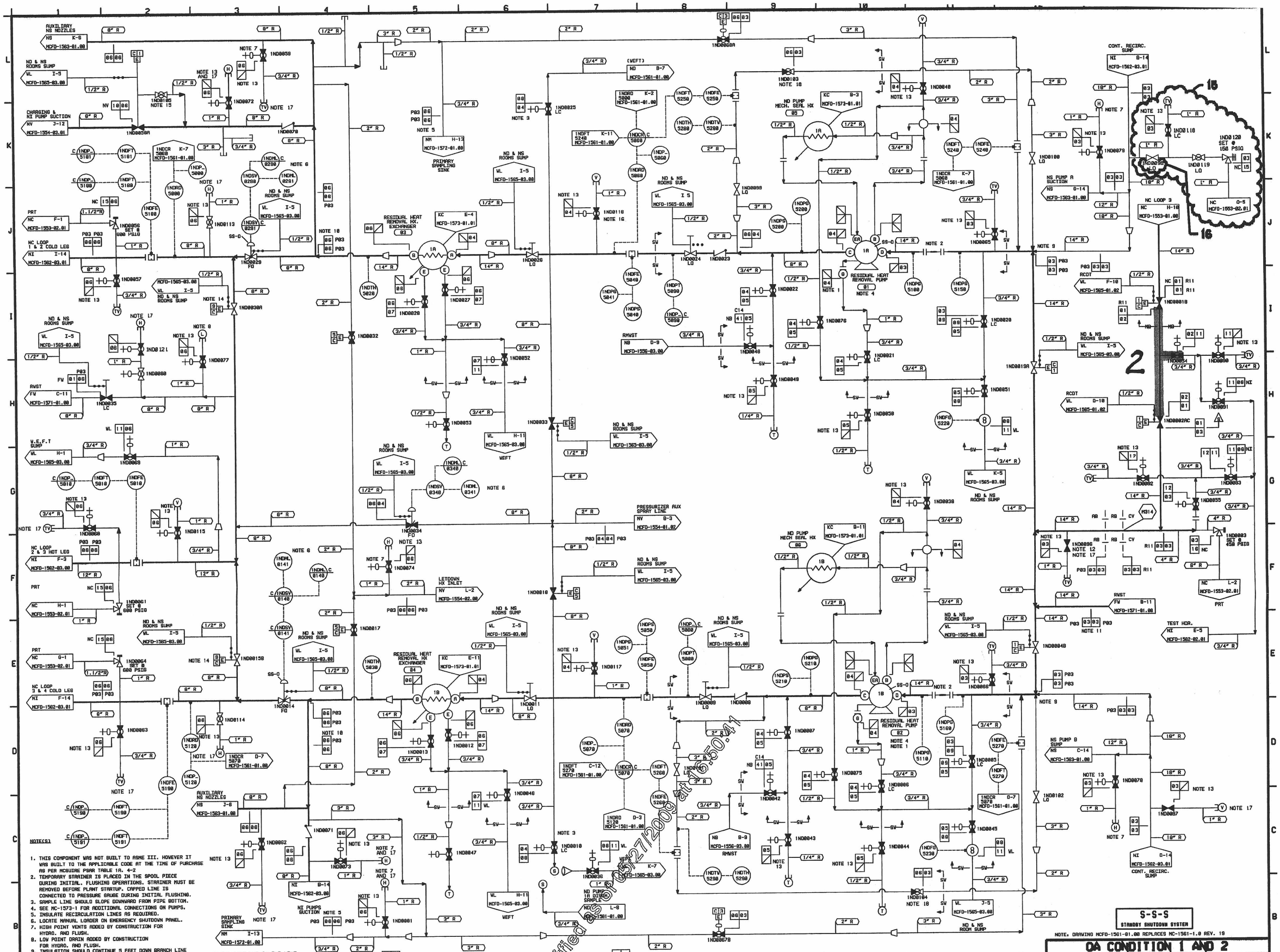

NOTE(S)

1. THIS COMPONENT WAS NOT BUILT TO ASME III. HOWEVER IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER MCGUIRE PSAR TABLE 1A. 4-2
2. TEMPORARY STRAINER IS PLACED IN THE SPOOL PIECE DURING INITIAL. FLUSHING OPERATIONS. STRAINER MUST BE REMOVED BEFORE PLANT STARTUP. CAPPED LINE IS CONNECTED TO PRESSURE GAUGE DURING INITIAL FLUSHING.
3. SAMPLE LINE SHOULD SLOPE DOWNWARD FROM PIPE BOTTOM.
4. SEE MC-1373-1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
5. INSULATE RECIRCULATION LINES AS REQUIRED.
6. LOCATE MANUAL LOADER ON EMERGENCY SHUTDOWN PANEL.
7. HIGH POINT VENTS ADDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
8. LOW POINT DRAIN ADDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
9. INSULATION SHOULD CONTINUE 5 FEET DOWN BRANCH LINE TOWARD SUMP ISOLATION VALVE.
10. INSULATION SHOULD CONTINUE 5 FEET DOWN 8 INCH BRANCH LINE.
11. PIPE SHOULD BE INSULATED TO THE FIRST VALVE IN FV SYSTEM.
12. LOCATE TEST VENT 1ND86 ON 14 INCH 90 ELBOW NEAR CONTAINMENT PENETRATION.
13. VENT AND DRAIN ASSEMBLIES ARE TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH MCS-1286.00-02-0002 USING ENGINEERING SPECIFICATION MDG-ES-1A,1B,1C AND 1D.
14. THIS VALVE HAS A NON-STANDARD OPERATING TIME OF 20 SEC. MAXIMUM.
15. VALVE BONNET EQUALIZATION LINE. ADMINISTRATIVELY LOCKED OPEN. IF NECESSARY TO CLOSE, DO NOT OVER TIGHTEN.
16. VENT CONNECTION HAS 1/8 IN. HOLE DRILLED IN PIPE HEADER.
17. THE PIPE CAP ON THE VENT ASSEMBLY MAY BE REPLACED WITH A QUICK-CONNECT INSTRUMENT FITTING. TOTAL WEIGHT OF THE FITTING AND ITS COMPONENTS SHALL NOT EXCEED 3 LBS. THE TOTAL DEVELOPED LENGTH OF THE VENT CONFIGURATION SHOULD NOT EXCEED 18" FROM THE OUTSIDE DIAMETER OF THE HEADER PIPE UNLESS OTHERWISE NOTED.
18. THE STEM LOCKNUT ON THIS VALVE MUST BE LOOSENED BEFORE THE VALVE CAN BE REPOSITIONED.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
FW01	PS 151.2	50 PSIG	110 F	B	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NC01	PS 2501.1	2485 PSIG	650 F	A	SS
NC15	PS 151.2	100 PSIG	350 F	B	SS
NC16	PS 151.4	100 PSIG	383 F	E	SS
ND01	PS 2501.1	2485 PSIG	650 F	A	SS
ND02	PS 2501.1	2485 PSIG	650 F	A	SS
ND03	PS 401.2	450 PSIG	350 F	B	SS
ND04	PS 601.2	600 PSIG	350 F	B	SS

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
ND05	PS 601.4	600 PSIG	350 F	E	SS
ND06	PS 601.2	600 PSIG	350 F	B	SS
ND07	PS 601.4	600 PSIG	350 F	E	SS
ND08	PS 151.4	50 PSIG	200 F	E	SS
ND09	PS 601.2	600 PSIG	350 F	B	SS
ND11	PS 1501.4	2485 PSIG	650 F	E	SS
ND12	PS 401.4	450 PSIG	350 F	E	SS
NI06	PS 2501.4	2485 PSIG	650 F	E	SS
NV10	PS 151.2	220 PSIG	189 F	B	SS
WL11	PS 151.4	50 PSIG	200 F	E	SS

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC.	MECH.
16	AS-BUILT PER M0101661/EC97637/003	DBW 03-8		HKS 03-8		RDM 03-8		-V-	-V-	-V-
15	AS-BUILT PER EC97637/M0101661	DRP 03-2		EKK 03-2		RDM 03-2		-V-	-V-	-V-
14	AS-BUILT PER 102060	DRP 00-12		EPR 00-12		RDM 00-12		-V-	-V-	-V-
13	AS-BUILT PER M0101977	DRP 00-7		EPR 00-7		RDM 00-7		-V-	-V-	-V-
12	EXEMPT CODE G.6	DRP 96-10		RDR 96-11		RDM 96-12		-V-	-V-	-V-
11	AS-BUILT PER MOMM-14389	RDR 94-17		EPR 94-17		WMS 94-17		I.SW	MAR	JWR
10	AS-BUILT PER MOMM-14205	EPR 89-29		RDR 88-02		RDM 88-03		I.SW	MAR	ASH
9	AS-BUILT PER MOMM-12974	PSC 87-05 02		HKS 87-06 02		RDM 87-14 02		TF	MDM	ASH
0	ORIGINAL DRAWING RETIRED									

INSPECTED

DESIGNER EO BLOUGH DATE 11-20-92 INSP. LF PARISH DATE 12-03-92
DRAWN DC TROUTMAN DATE 11-19-92 INSP. AR SHAH DATE 12-07-92
CHECKED DR DOUGLAS DATE 11-19-92 APPR. RA HARRIS DATE 01-04-93
SCALE

ERN: MC003WIB

D04