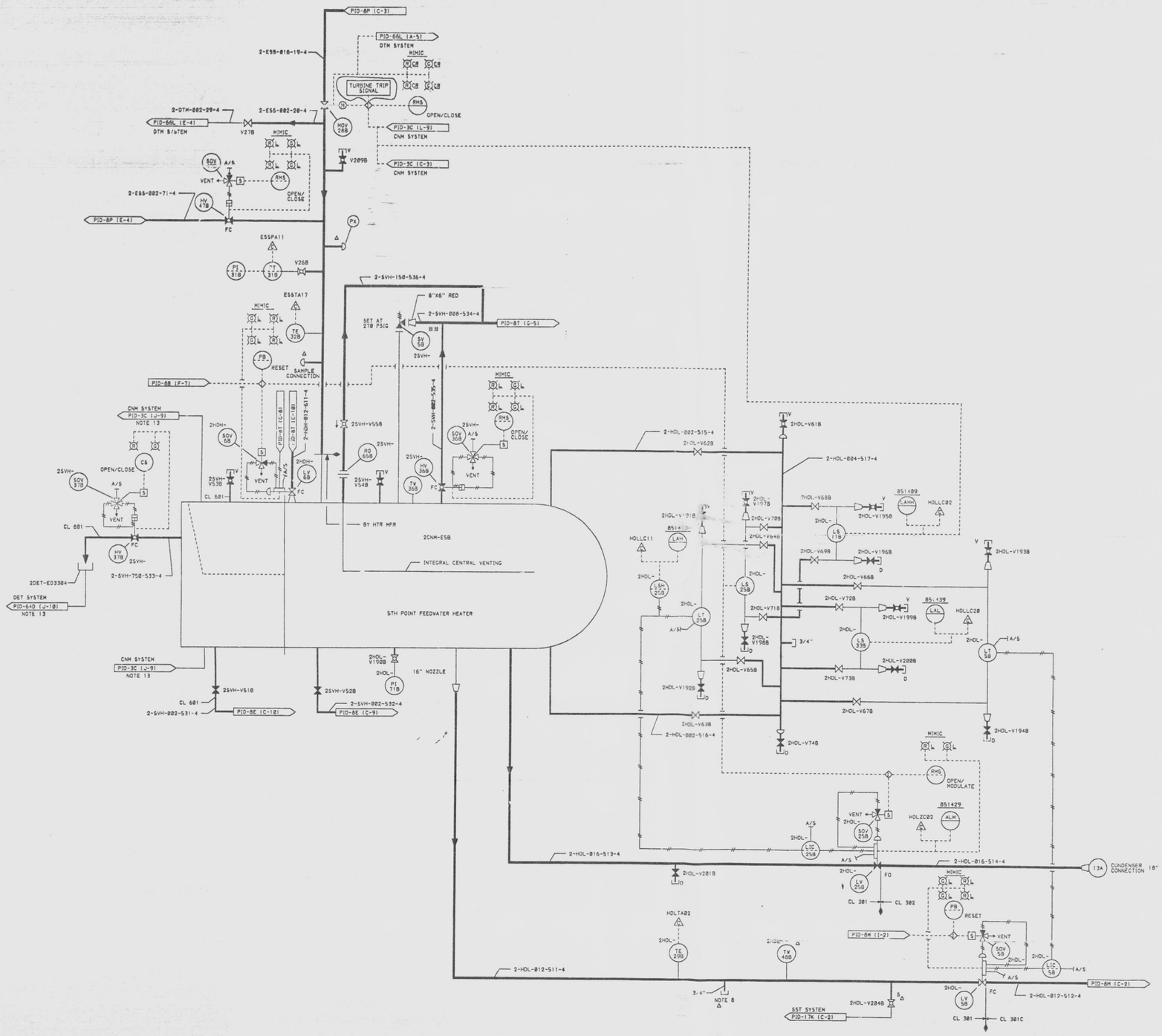

EXTRACTION STEAM SYSTEM VALVE TABLE "2ESS-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV47B	VGS030-M-4Q	2"	1
MOV28B	VGV030-S-4PVQ	16"	1
V26B,209B	VGS060-G-4	3/4"	2
V27B	VGS060-E-4	2"	1

L.P. FEEDWATER HEATER DRAINS SYSTEM VALVE TABLE "2HDL-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V61B,190B,191B, V193B,195B,197B, V199B,204B	VGS060-D-4	3/4"	8
V62B,63B,64B, V65B,66B,67B	VGS060-C-4	2"	6
V68B,69B,70B, V71B,72B,73B	VGS060-C-4	1"	6
V74B,192B,194B, V196B,198B,200B, V201B	VGS060-C-4	3/4"	7

FEEDWATER HEATER RELIEF VENTS & DRAINS SYSTEM VALVE TABLE "2SVH-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV36B	VGS030-C-4Q	2"	1
HV37B	VGS060-C-4Q	3/4"	1
V51B,52B,	VGS060-C-4	2"	2
V53B,54B	VGS060-D-4	3/4"	2
V55B	VGS050-D-4	1-1/2"	1

NOTES.

1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2ESS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. Δ CONNECTIONS ONLY PROVIDED FOR ASME TEST. INSTRUMENTS WILL NOT BE PROVIDED.
3. ALL "2ESS-" PIPING SHALL BE CLASS 303M UNLESS OTHERWISE SHOWN.
4. + INDICATES LOCATED IN RADIATION ZONE 4,5, OR 6.
5. ALL "2HDL-" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
6. ALL PIPING TO LEVEL SWITCHES IS 1", TO LEVEL TRANSMITTERS IS 2".
7. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE SHOWN.
8. SAMPLE CONNECTIONS PER S&W SKETCH 12177-A-77.
9. ALL "2SVH-" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
10. ALL "2SVH-" HV'S ARE FAIL CLOSED.
11. ASME PRESSURE CONNECTIONS ARE 1/2". ALL OTHER PRESSURE CONNECTIONS ARE 3/4".
12. ** DENOTES SUPPLIED BY HEATER MANUFACTURER.
13. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
14. ◆— DENOTES DISSIMILAR METAL WELD.

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

SI APERTURE CARD

07-141-91

QA CAT II

NIAGARA MOHAWK

NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM FEEDWATER HEATERS & EXTRACTION STEAM SYSTEMS

SCALE NONE | DRAWING NO 12177-PID-8Q-7

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR
M	7	2-19-91	INCORPORATES ECN ESS-606 MOD. NO. PN2Y86MX188 INCORPORATES NEW BORDER			TSE	RJB BAL	RMZ			
	6	3-3-89	INCORPORATES EDC NO. 2M00032		CDC		JSM KAH JRM		UB	JRM	

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