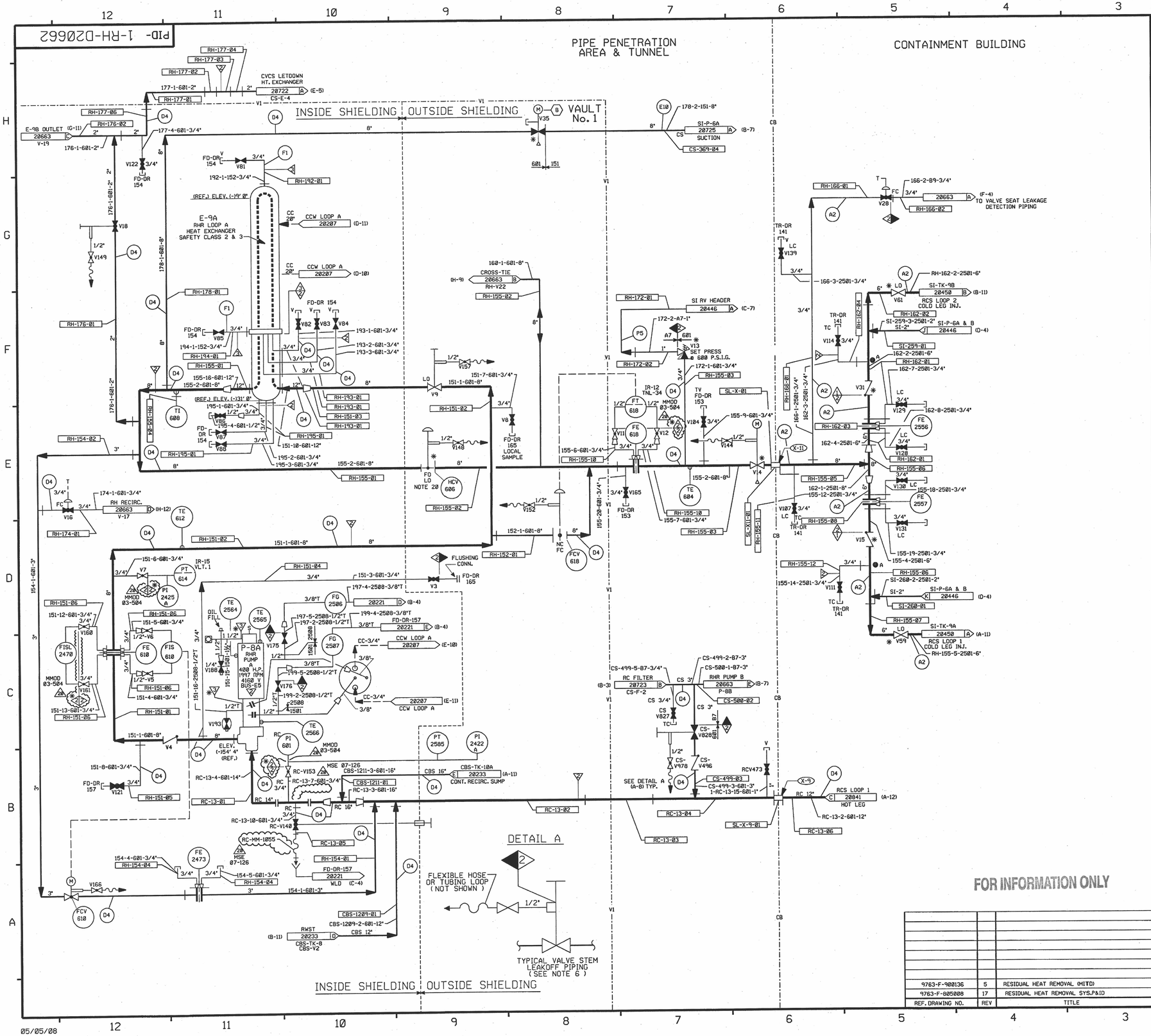

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

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LEGEND

		DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP° F	TEST MEDIUM
▽	TEST BOUNDARY				
A2	INTEGRITY TEST	2485 PSIG	3106/3292 PSIG	35	D.M. WATER
D4	INTEGRITY TEST	600 PSIG	750/795 PSIG	35	D.M. WATER
E10	INTEGRITY TEST	220 PSIG	275/291.5 PSIG	35	D.M. WATER
F1	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	D.M. WATER
P5	INTEGRITY TEST (IS)	15 PSIG	18/22.5 PSIG	35	AIR
N	NO TEST REQUIRED				

NOTE:

A. VENTS & DRAINS (ASME CL. 2 & 3) SHALL BE TESTED TO THE LAST ISOLATION VALVE.

B. ASME (D4) TEST IS EXTENDED TO THE ANSI PORTION PER MM-13001A.

C. RELIEF VALVE DISCHARGE PIPING FOR VALVE V13 MUST BE FILLED WITH WATER TO IT'S MAXIMUM EVEVATION DURING PRESSURE TESTING.

D. FOR ASME THAT HAVE THE HYDROSTATIC TEST UNDER ANSI B31.1 CRITERIA, THE TEST DOES NOT OVERSTESS PIPING SYSTEM PER THE STRESS REPORT.

NOTES:

1. WORK THIS DRAWING WITH DRAWINGS 20660 & 20663. PORTIONS OF THIS DRAWING ARE DUPLICATED ON DRAWINGS SI-20448 & SI-20449 DUE TO DUAL SYSTEM FUNCTIONS.
2. ALL LINES, VALVES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX RH, UNLESS NOTED OTHERWISE.
3. DELETED.
4. ● INDICATES 3/8" FLOW RESTRICTOR INSTALLED. SEE APPLICABLE DETAIL ON DRAWING 1-RC-20848.
5. DELETED.
6. REFER TO DRAWING VSL-20774 FOR VALVE LEAKOFFS.
7. DELETED

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8. INSTRUMENTATION:

   (B) INTERLOCKED WITH SI-V89, SI-V90, SI-V93 (DWG. 20446) CBS-V8 (DWG. 20233) RC-V22, & RC-V23 (DWG. 20841)

9. VENTS, DRAINS, TEST CONN. & ORIFICE TAP PIPING CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-805111, UNLESS NOTED OTHERWISE.
10. DELETED.
11. DELETED.
12. △ - INDICATES REVISION LEVEL
13. DELETED
14. CLEANLINESS CLASS "B".
15. DELETED
16. ✱ INDICATES VALVE SUPPLIED BY WESTINGHOUSE
17. SYSTEM DESCRIPTION NO. NAH NCH-283
18. DELETED
19. DELETED
20. HANDJACK HANDWHEEL LOCKED OPEN EXCEPT DURING MIDLOOP.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
20	5-6-08	JM	[illegible]	RRB	INCORP. MMOD 03-504 & MSE 07-126 REV 00
19	8/28/07	JM	MPW	RRB	INCORP. MMOD 01-515 DCN 00, 01
18	11/8/05	BCS	JM	RRB	INCORP. CR 05-11630
17	2/05/03	MPW	BCS	JM	INCORP. CR 02-16464
16	11/7/00	BCS	MPW	RRB	INCORP. DCR 98-0052 DCN#00
15	9/15/00	BCS	MRB	RWM	INCORP. DCR 99-0036 DCN#00
14	2/25/00	BCS	DWS	MAP	INCORP. MMOD 990611 DCN#00
13	11/2/99	DWS	MPW	VWS	INCORP. MMOD 990524 DCN#00
12	4/10/95	BCL	DWS	JMC	INCORP. DCR 89-54 CA-0
11	5/27/94	BCL	DWS	DMQ	INCORP. MMOD 91-555 CA-02
10	3/25/94	BCL	MRB	GRM	INCORP. MMOD 92-552 CA0
9	10/5/92	MRB	DWS	DPM	INCORP. MMOD 92-506 CA0
8	4/17/90	MRB	DWS	RRB	INCORP. MMOD 91-515 CA0
7	1/10/90	GPM	PAL	RRC	INCORP. DCR 87-136 CA11, 89-13 CA03 AND DRAWING ENHANCEMENT
6	9/6/89	MRB	APL	WFD	INCORP. DCR 87-422 CA 08, DCR 89-13 CA 02 & DCR 88-32 CA 0 DELETED NOTE 15
5	2/2/89	GPM	MRB	GRM	INCORPORATED DCR 87-274, CA0 REVISED: VALVE V140 & OPERATOR SYMBOL PER LEGEND 2

FOR INFORMATION ONLY

REF. DRAWING NO.	REV	TITLE
9763-F-900136	5	RESIDUAL HEAT REMOVAL (MITD)
9763-F-805008	17	RESIDUAL HEAT REMOVAL SYS.P&ID

FPL ENERGY Seabrook Station

RESIDUAL HEAT REMOVAL SYS. TRAIN A DETAIL D-06

PID- 1-RH-D20662

05/05/08