

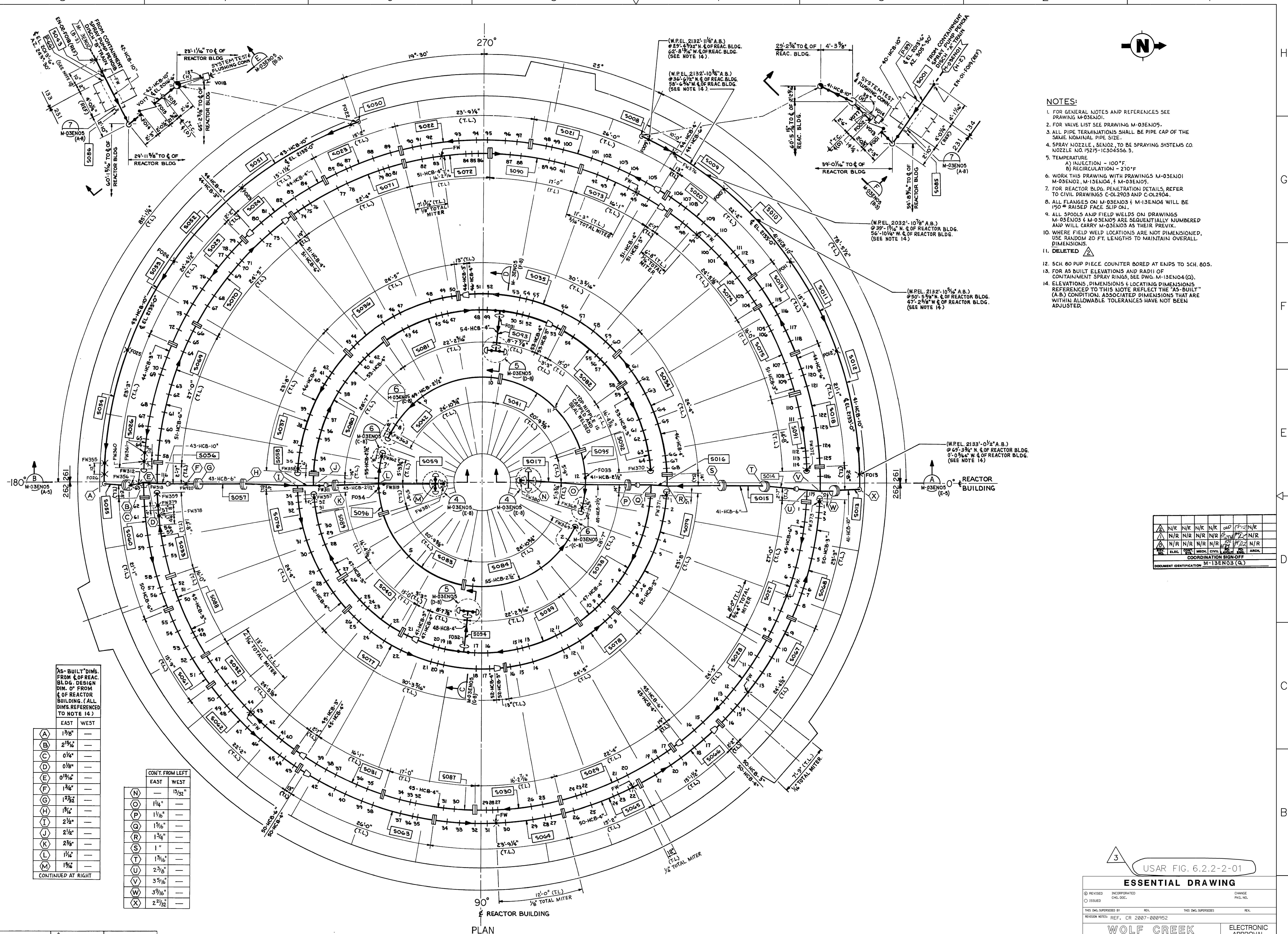
- NOTES**
1. DELETED.
 2. DELETED.
 3. SEAL WELDED CAP TO BE INSTALLED ON 1/2 INCH TEST CONNECTION AFTER HYDROTEST HAS BEEN PERFORMED.
 4. REMOVABLE SPDDL WITH SPACER RING INSTALLED. (REPLACEMENT FOR START-UP STRAINER)
 5. VALVE ENV001 IS EQUIPPED WITH AN ANTI PRESSURE LOCKING BYPASS, SEE M-225-00111.
 6. VENDOR SUPPLIED/SKID MOUNTED SEAL PIPING (REF. M-088-00021). VENT VALVES ENV014 & ENV015 ADDED PER CHG. PKG. 079900.

USAR FIG. 6.2.2-1-00

ESSENTIAL DRAWING

REVISED	INCORPORATED	CHANGE
ISSUED	CHG. DOC.	PKG. NO.
THIS Dwg. SUPERSEDES		REV.
REVISION NOTES		REV. TO CORRECT A TYPO PER AP 05-010, TABLE A, TYPE 1.
WOLF CREEK		ELECTRONIC APPROVAL
NUCLEAR OPERATING CORPORATION		
PIPING AND INSTRUMENTATION DIAGRAM CONTAINMENT SPRAY SYSTEM		
SCALE	DRAWING NUMBER	SHEET REV
NONE	M-12EN01	14

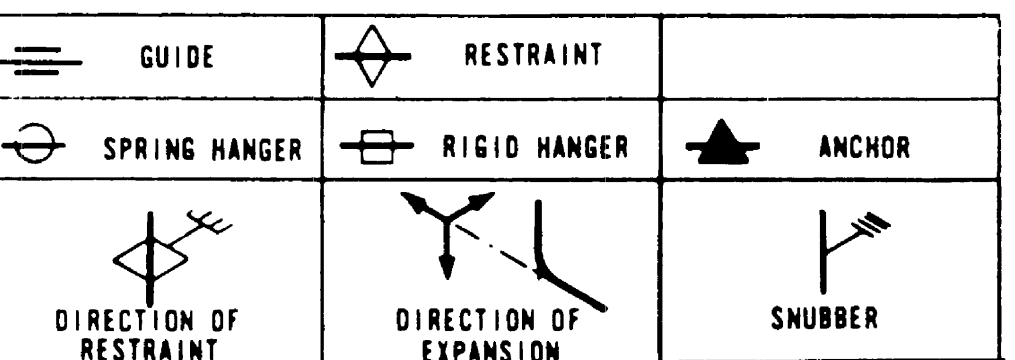
Anna A. Smith



- NOTES:**
- FOR GENERAL NOTES AND REFERENCES SEE DRAWING M-03EN01.
 - FOR VALVE LIST SEE DRAWING M-03EN05.
 - ALL PIPE TERMINATIONS SHALL BE PIPE CAP OF THE SAME NOMINAL PIPE SIZE.
 - SPRAY NOZZLE, SEN02, TO BE SPRAYING SYSTEMS CO. NOZZLE NO. 15215-1C304556.3.
 - TEMPERATURE
 - A) INJECTION - 100°F.
 - B) RECIRCULATION - 270°F.
 - WORK THIS DRAWING WITH DRAWINGS M-03EN01 M-03EN02, M-13EN04, & M-03EN05.
 - FOR REACTOR BLDG. PENETRATION DETAILS, REFER TO CIVIL DRAWINGS C-OL2903 AND C-OL2904.
 - ALL FLANGES ON M-03EN03 & M-13EN04 WILL BE 190* RAISED FACE SLIP ON.
 - ALL SPOOLS AND FIELD WELDS ON DRAWINGS M-03EN03 & M-03EN05 ARE SEQUENTIALLY NUMBERED AND WILL CARRY M-03EN03 AS THEIR PREFIX.
 - WHERE FIELD WELD LOCATIONS ARE NOT DIMENSIONED, USE RANDOM 20 FT. LENGTHS TO MAINTAIN OVERALL DIMENSIONS.
 - DELETED
 - SCH. 80 PIP. PIECE COUNTER BORED AT ENDS TO SCH. 80S.
 - FOR AS BUILT ELEVATIONS AND RADII OF CONTAINMENT SPRAY RINGS, SEE DWG. M-13EN04(G).
 - ELEVATIONS, DIMENSIONS & LOCATING DIMENSIONS REFERENCED TO THIS NOTE REFLECT THE "AS-BUILT" (A.B.) CONDITION. ASSOCIATED DIMENSIONS THAT ARE WITHIN ALLOWABLE TOLERANCES HAVE NOT BEEN ADJUSTED.

AS-BUILT DIMS. FROM CENTER OF REAC. BLDG. DESIGN DIM. OF FROM CENTER OF REACTOR BUILDING (ALL DIMS. REFERENCED TO NOTE 14)		
	EAST	WEST
A	1 7/8"	—
B	2 1/4"	—
C	0 1/2"	—
D	0 1/8"	—
E	0 1/16"	—
F	1 3/8"	—
G	1 1/2"	—
H	1 1/4"	—
I	2 1/2"	—
J	2 1/2"	—
K	2 3/4"	—
L	1 1/2"	—
M	1 1/2"	—

CONT. FROM LEFT		
	EAST	WEST
N	—	19 1/32"
O	—	1 1/4"
P	—	1 1/16"
Q	—	1 3/16"
R	—	1 3/4"
S	—	1"
T	—	1 3/16"
U	—	2 3/8"
V	—	3 5/16"
W	—	3 7/16"
X	—	2 27/32"



DESCRIPTION	DATE	BY	CHK.	APP.
N/R	N/R	N/R	N/R	N/R
N/R	N/R	N/R	N/R	N/R
N/R	N/R	N/R	N/R	N/R
ELEC.	02/28/07	MEAD	COVA	WAS
COORDINATION SIGN-OFF				
DOCUMENT IDENTIFICATION: M-13EN03 (G)				

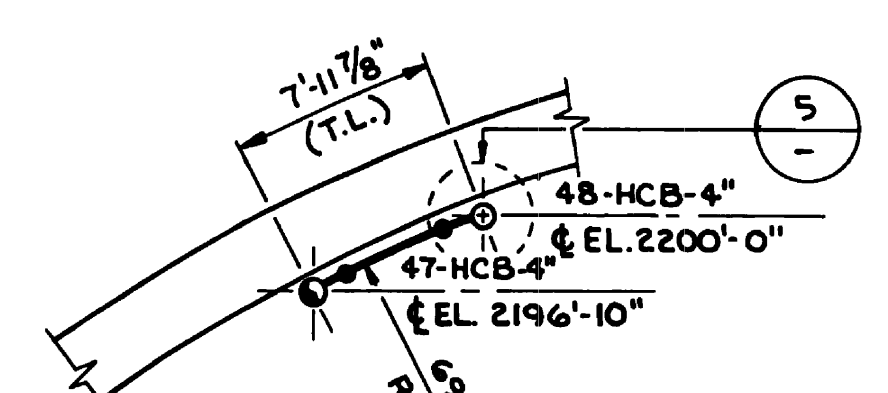
USAR FIG. 6.2.2-2-01

ESSENTIAL DRAWING

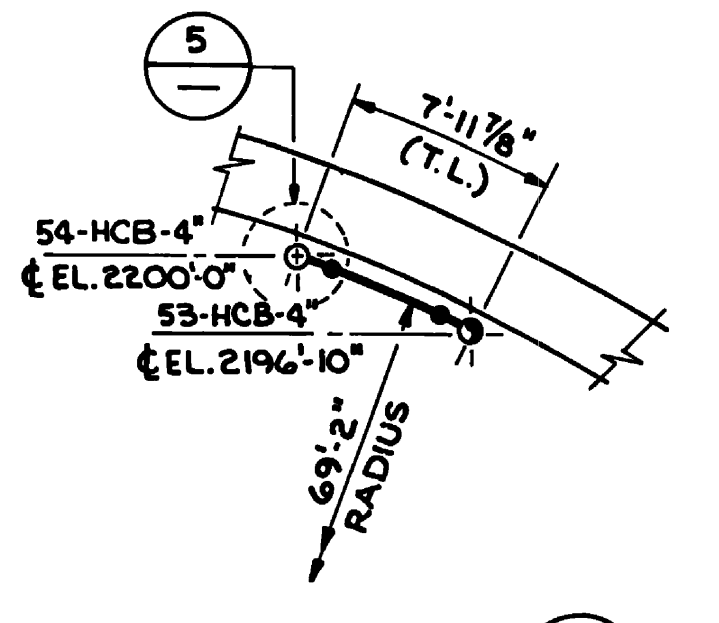
REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
ISSUED	INCORPORATED	CHANGE	CHK. DOC.	PRG. NO.	
THIS DWG. SUPERSEDES BY: REV. THIS DWG. SUPERSEDES: REV.					
REVISION NOTES: REF. CR 2007-000952					
WOLF CREEK			ELECTRONIC APPROVAL		
NUCLEAR OPERATING CORPORATION			NUCLEAR OPERATING CORPORATION		
PIPING ORTHOGRAPHIC CONTAINMENT SPRAY SYSTEM REACTOR BUILDING "A" & "B" TRAINS					
SCALE	DRAWING NUMBER		SHEET		REV.
NONE	M-13EN03		03		34444 E SIZE

Release Date: 08/31/07

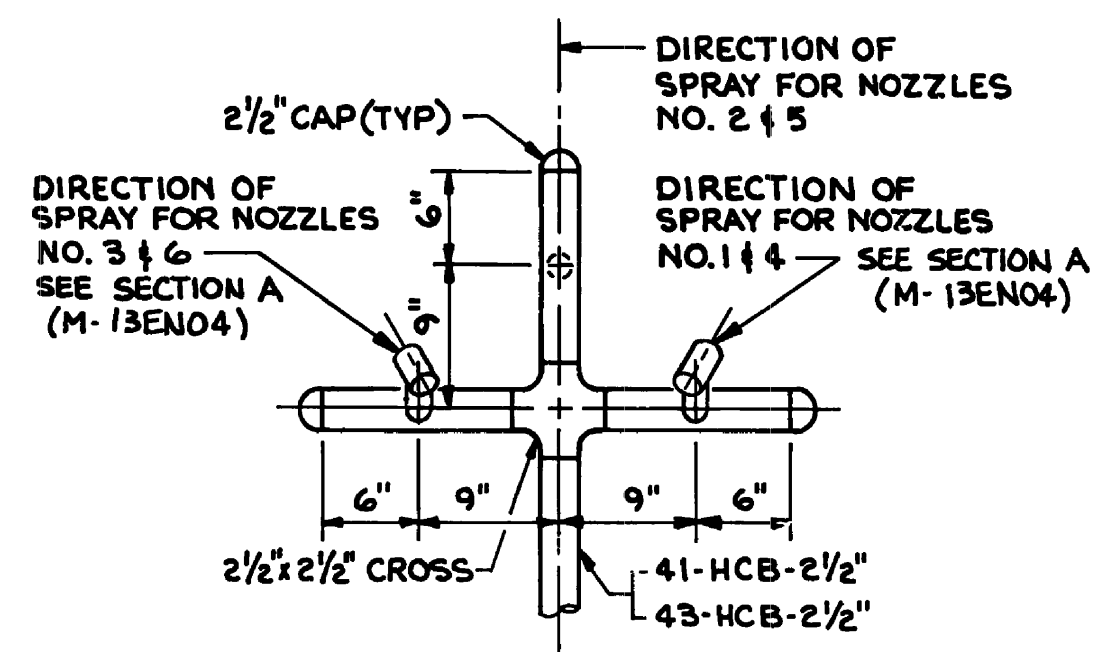
VALVE INFORMATION TABLE							
VALVE NO.	CTR. OF GRAVITY FOR VALVE & OPR.			VALVE WEIGHT	VENDOR PRINT NO.	VALVE IDENT.	RO. ITEM NO.
	X	Y	Z				
VOB2	—	+8 3/8"	—	150	M-221-0008	BECHTEL	2.07
VO7B	—	+8 3/8"	—	150	M-221-0008	BECHTEL	2.07
VO1B	+24 1/8"	+5 3/8"	-5 3/4"	605	M-221-040	BECHTEL	2.02
VO17	-3/8"	+3 1/2"	+3/8"	408	M-221-054	BECHTEL	6.02
VO14	+19 7/8"	+5 3/8"	+14 3/4"	605	M-221-040	BECHTEL	2.02
VO13	+7 1/8"	+3 1/2"	+5 1/16"	408	M-221-054	BECHTEL	6.02
VO77	—	—	—	7 1/2	M-231A-102	BECHTEL	2.23
VOB1	—	—	—	7 1/2	M-231A-102	BECHTEL	2.23



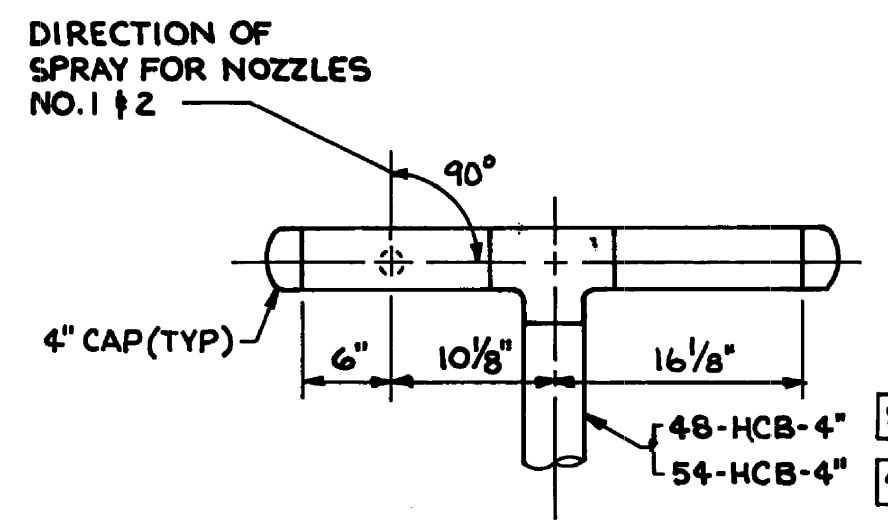
SECTION C
M-13EN05
SEE DRAWING M-13EN03 (C-5)



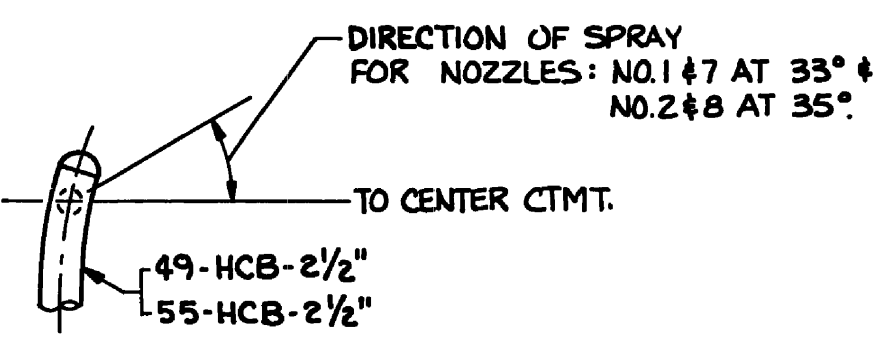
SECTION D
M-13EN05
SEE DRAWING M-13EN03 (F-5)



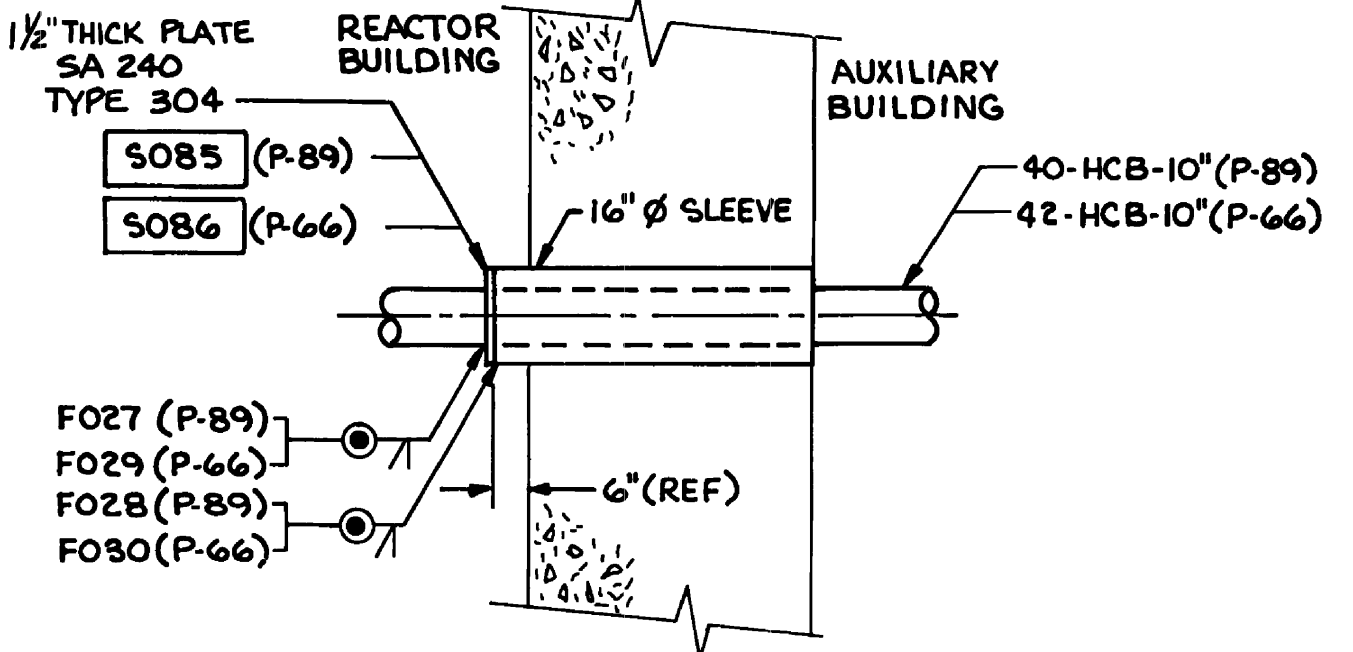
DETAIL 4
M-13EN05
SEE DRAWING M-13EN03 (D-5)



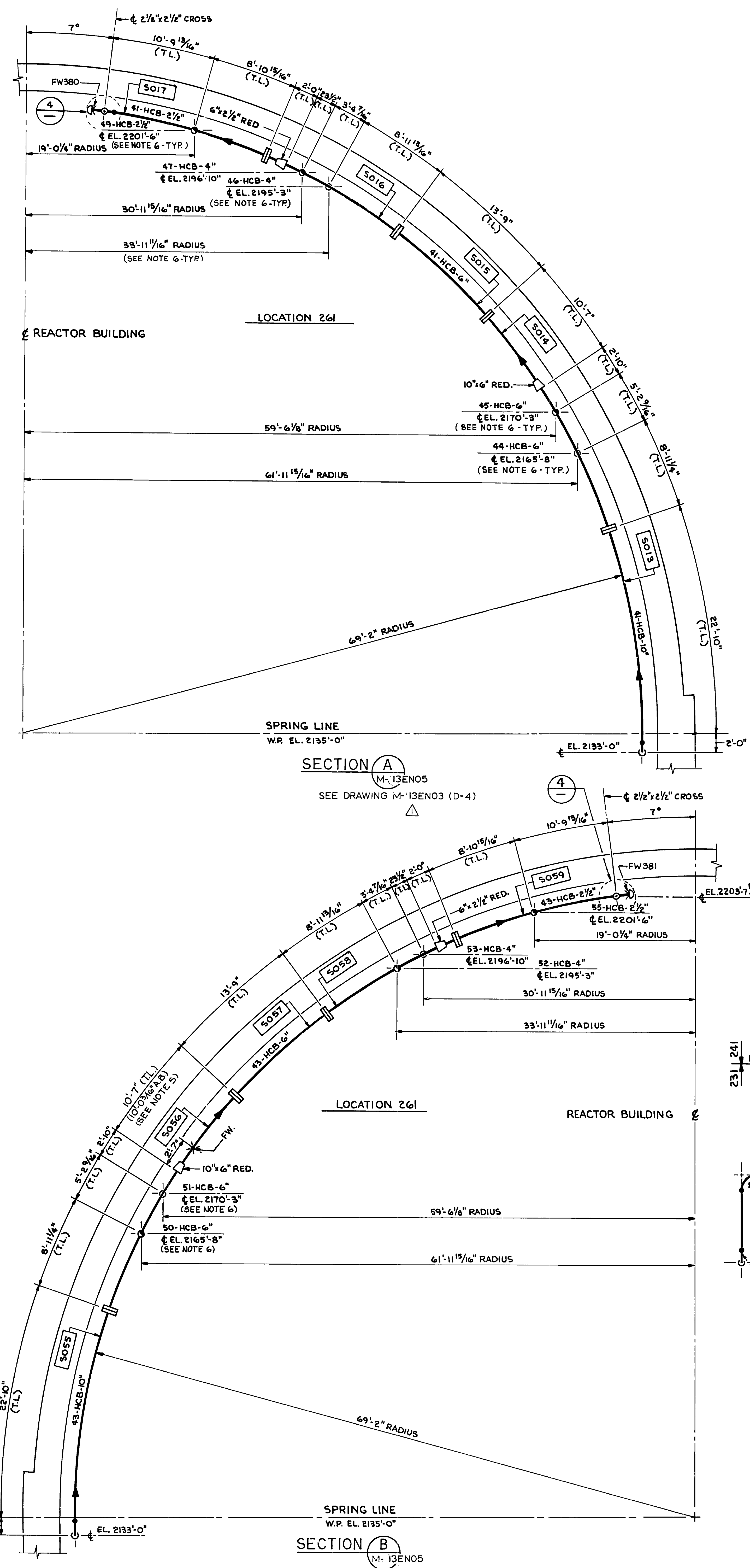
DETAIL 5
M-13EN05
SEE DRAWING M-13EN03 (C-5, F-5)



DETAIL 6
M-13EN05
SEE DRAWING M-13EN03 (F-6, D-5)

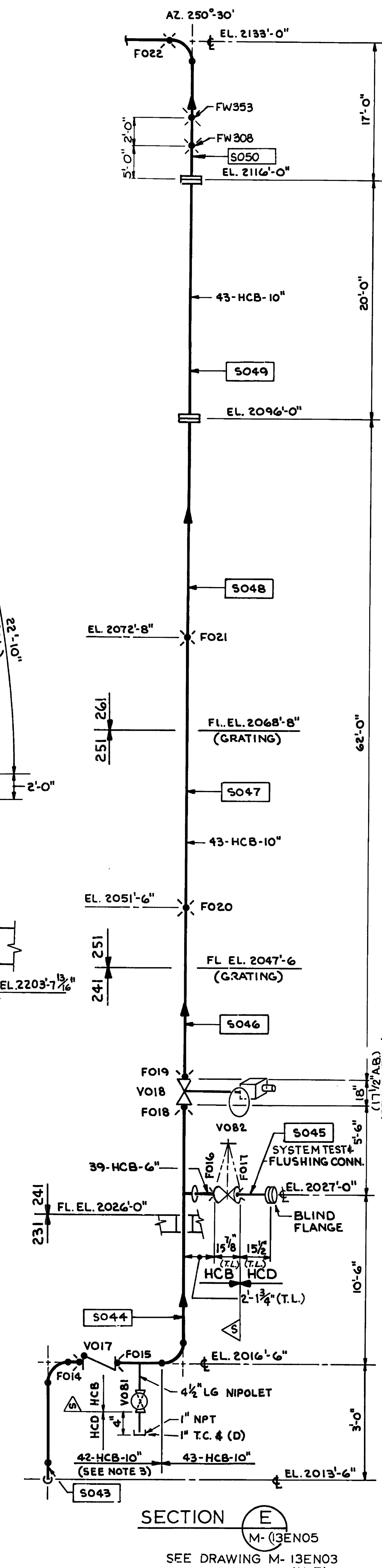


DETAIL 7
M-13EN05
SEE DRAWING M-13EN03 (G-2, H-B)

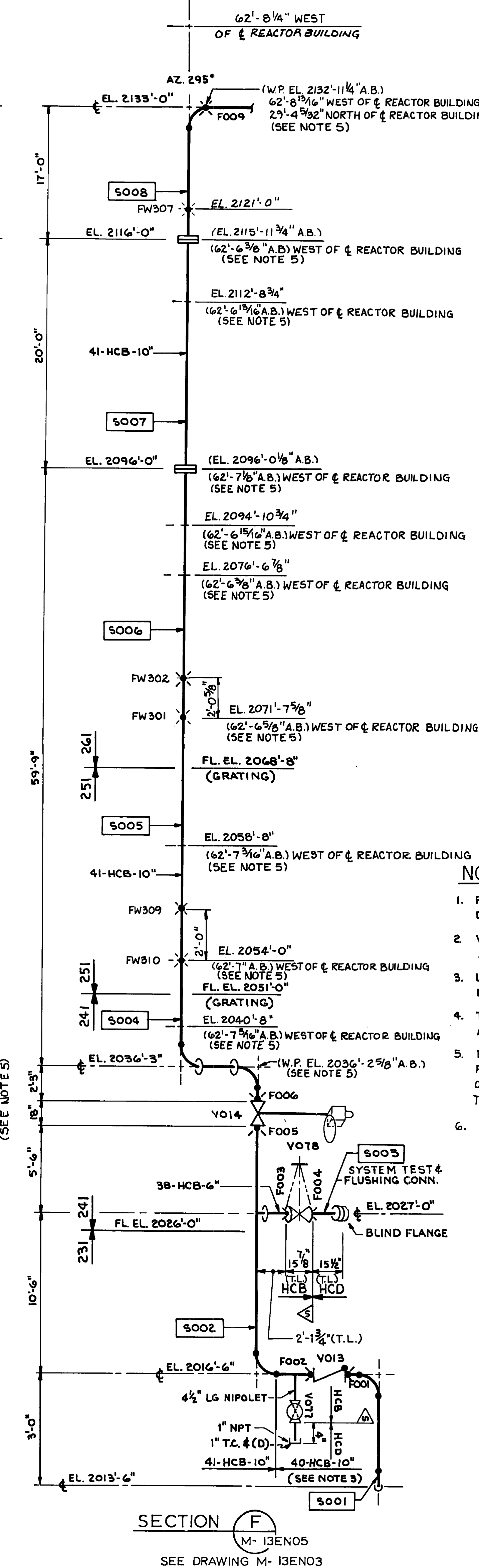


SECTION A
M-13EN05
SEE DRAWING M-13EN03 (D-4)

SECTION B
M-13EN05
SEE DRAWING M-13EN03 (D-6)

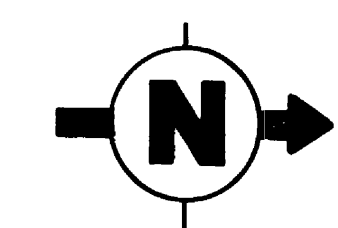


SECTION E
M-13EN05
SEE DRAWING M-13EN03 (H-7)



SECTION F
M-13EN05
SEE DRAWING M-13EN03 (G-3)

- NOTES:
- FOR GENERAL NOTES AND REFERENCES SEE DRAWING M-13EN01.
 - WORK THIS DRAWING WITH DRAWING M-13EN03 AND M-13EN04.
 - LINE NUMBERS 40-HCB-10" AND 42-HCB-10" SHALL BE SCHEDULE 80S.
 - THIS DRAWING WAS EXPANDED FROM M-13EN03 AND M-13EN04.
 - ELEVATIONS, DIMENSIONS, & LOCATING DIMENSIONS REFERENCED TO THIS NOTE REFLECT THE "AS-BUILT" (A.B.) CONDITION. ASSOCIATED DIMS. THAT ARE WITHIN ALLOWABLE TOLERANCES HAVE NOT BEEN ADJUSTED.
 - FOR AS-BUILT ELEVATIONS AND RADII OF SPRAY RINGS, SEE DWG. M-13EN04 (Q).

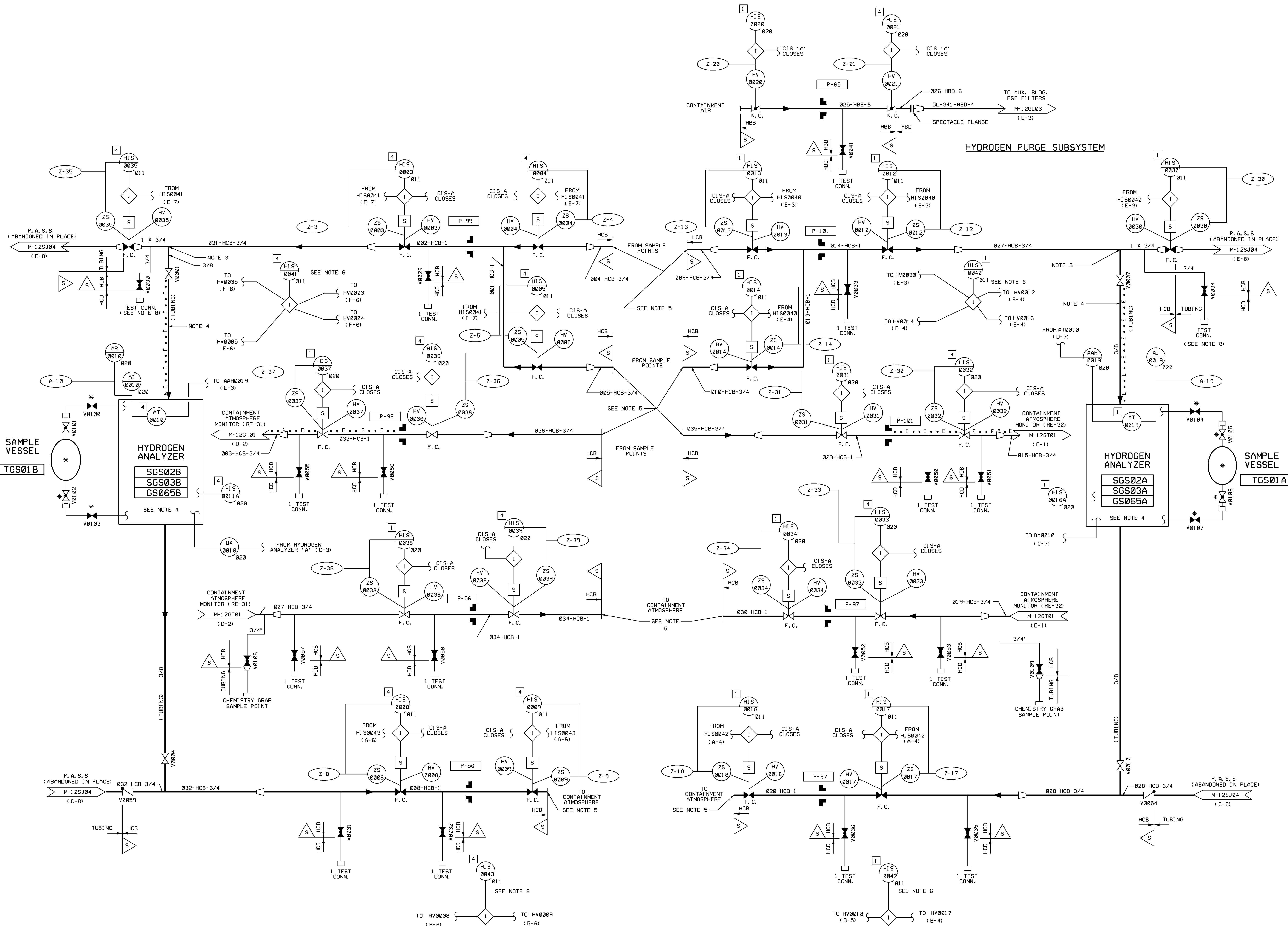
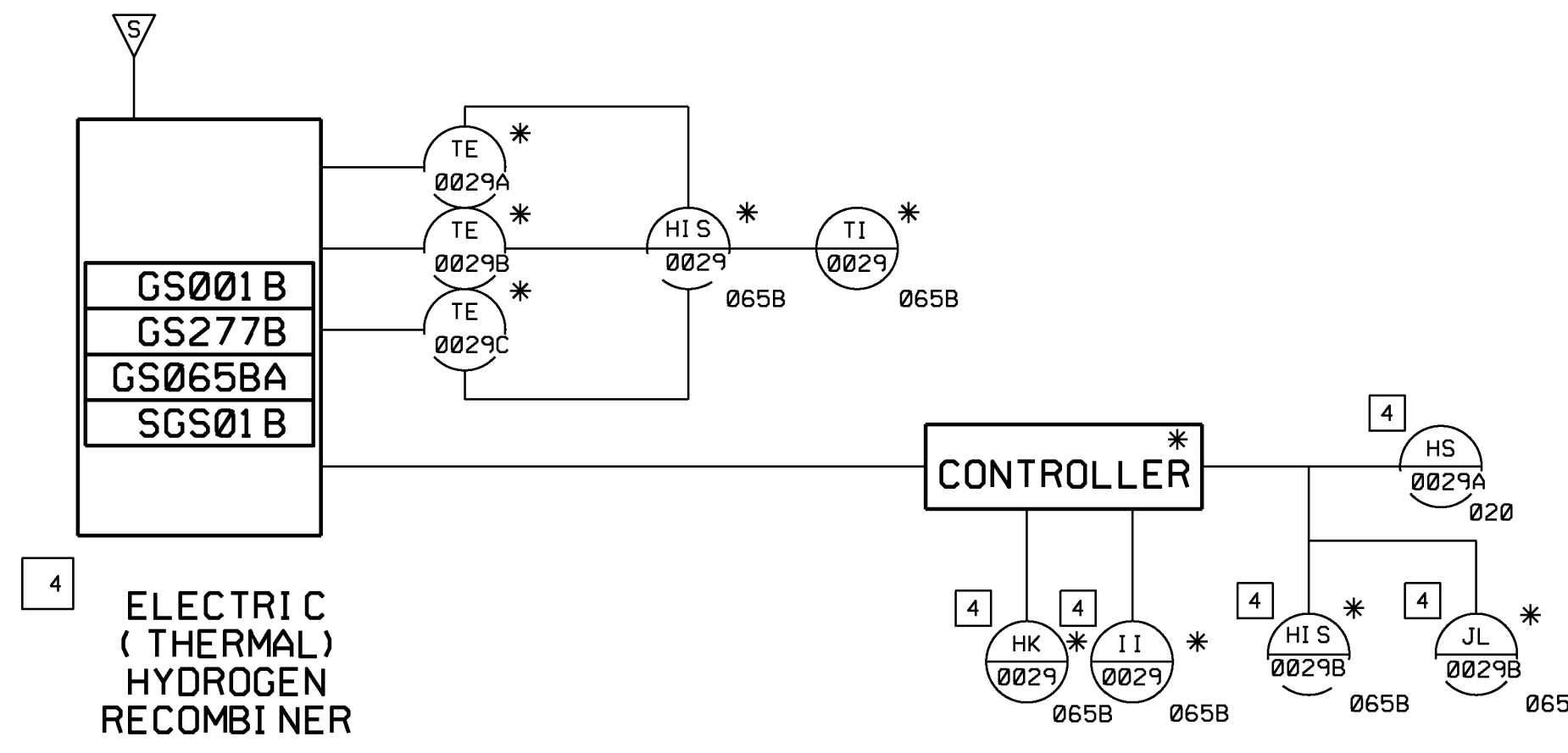
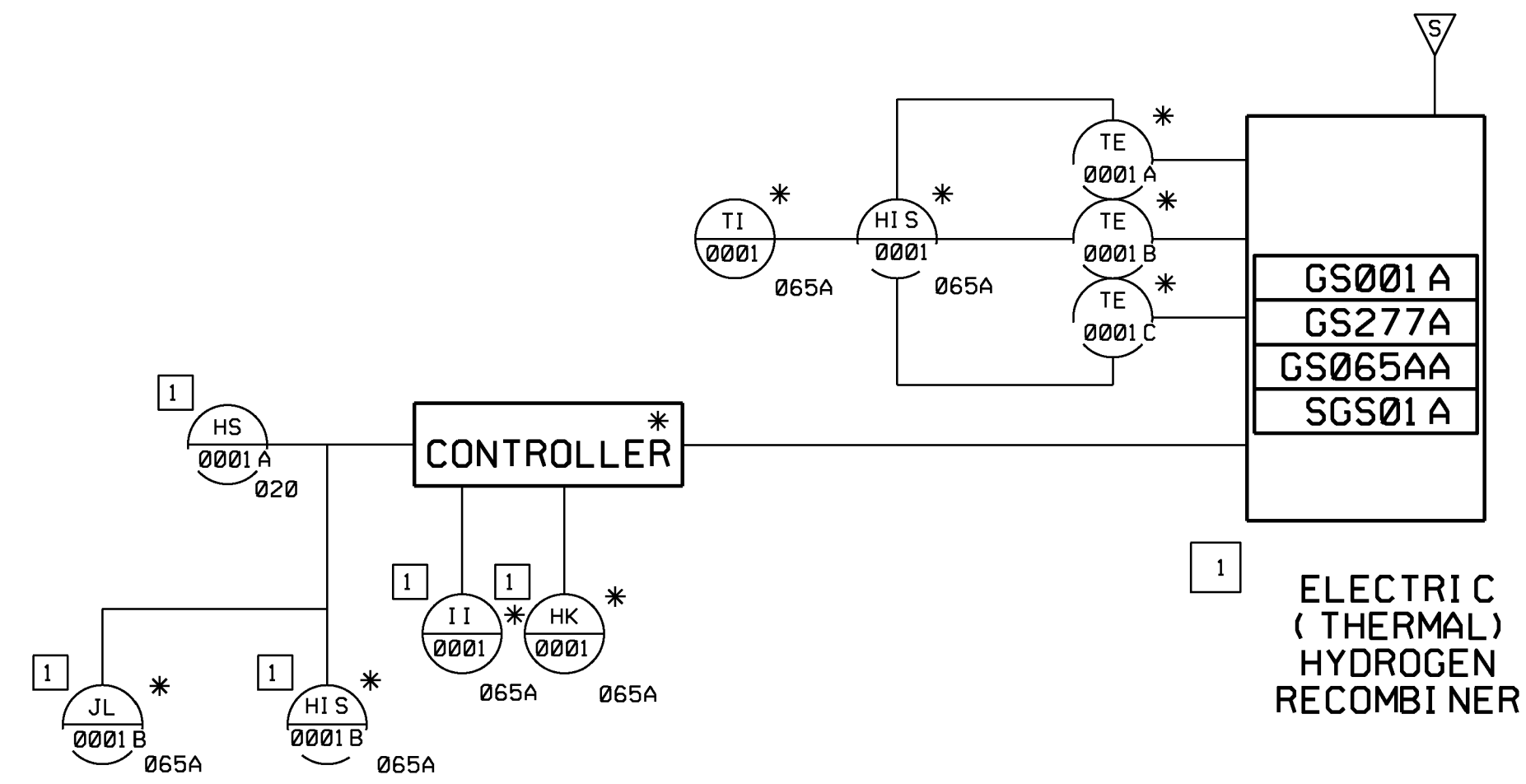


USAR FIG. 6.2.2-2-03

ESSENTIAL DRAWING

REVISION	INCORPORATED	CHANGE
ISSUED	CNG. DOC.	FIG. NO.
THIS DWG. SUPERSEDES: M-13EN03 REV. 01		
REVISION NOTES: REF. CR 2007-000952		
WOLF CREEK NUCLEAR OPERATING CORPORATION		ELECTRONIC APPROVAL
PIPING ORTHOGRAPHIC CONTAINMENT SPRAY SYSTEM REACTOR BUILDING "A" & "B" TRAINS		
SHEET	M-13EN05	REV. 02
34X44 E SIZE		

Released by Document Services Release Date: 08/31/07



NOTES

1. THE HYDROGEN PURGE MAKEUP SUPPLY AIR IS SUPPLIED BY THE COMPRESSED AIR SYS. AND IS SHOWN ON P & I.D. M-12G001.
2. THE HYDROGEN MIXING FANS ARE SHOWN ON THE CONTAINMENT COOLING SYS. P & I.D. M-12G011.
3. THIS CONNECTION WILL BE LOCATED AS CLOSE AS POSSIBLE TO THE CONTAINMENT ISOLATION VALVE.
4. FOR HYDROGEN ANALYZERS & HEAT TRACING, SEE VENDOR P & I.D. PRINT NO. J-359-00016.
5. THREADED END FOR USE DURING VALVE LEAK TESTING.
6. FOUR ISOLATION SWITCHES ARE PROVIDED ON THE MAIN CONTROL BOARD FOR POWER LOCKOUT. SWITCH LOCKOUTS ARE AS INDICATED.
7. CONTROL PANELS GS065A & GS065B ARE SUPPLIED BY HYDROGEN ANALYZER VENDOR (J-359). HYDROGEN RECOMBINER PANEL INSERTS GS065AA & GS065BA ARE SUPPLIED BY THE HYDROGEN RECOMBINER VENDOR (M-837). CONTROL PANEL INSERTS ARE MOUNTED ON HYDROGEN ANALYZER PANELS GS065A & GS065B.
8. **DO NOT OPEN THIS VALVE IN MODES 1 THRU 4 WITHOUT ISOLATING THE CONTAINMENT PENETRATION. (REF. PIR 99-1978).**



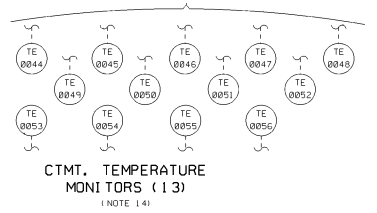
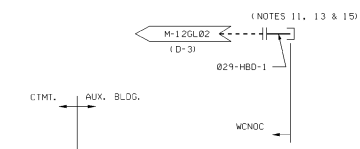
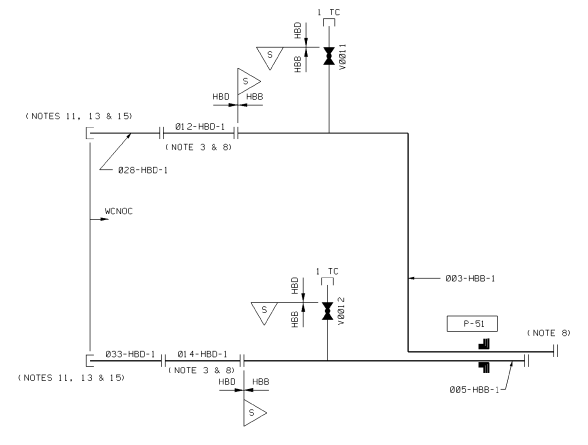
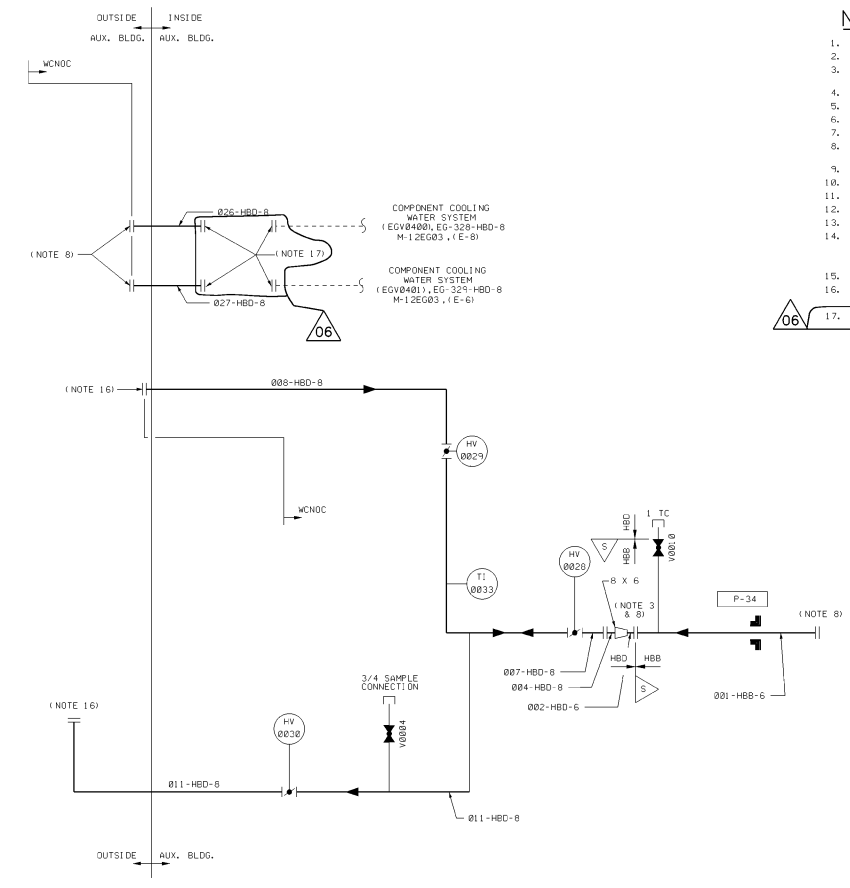
USAR FIG. 6.2.5-1

ESSENTIAL DRAWING			
REVISED	INCORPORATED	CR 00109346	CHANGE
ISSUED	CWG, DCC		PKG. NO.
THIS DWG. SUPERSEDES		REV.	THIS DWG. SUPERSEDES
REVISION NOTES			
WOLF CREEK		ELECTRONIC APPROVAL	
NUCLEAR OPERATING CORPORATION			
PIPING & INSTRUMENTATION DIAGRAM CONTAINMENT HYDROGEN CONTROL SYSTEM			
SCALE	DRAWING NUMBER	SHEET	REV
NONE	M-12GS01	13	

H
G
F
D
C
B
A

NOTES

1. DELETED.
2. DELETED.
3. SPOOL PIECE INSTALLED ONLY DURING ILRT AND CCK. IF CCW IS TO BE USED FOR COOLING.
4. DELETED.
5. DELETED.
6. DELETED.
7. DELETED.
8. BLIND FLANGES TO BE INSTALLED FOR NORMAL PLANT OPERATION.
9. DELETED.
10. DELETED.
11. FLEX HOSE INSTALLED DURING ILRT.
12. DELETED.
13. CAP TO BE INSTALLED FOR NORMAL PLANT OPERATION.
14. CTMT. TEMPERATURE MONITORS TE-44 THRU TE-56 ARE PURCHASED BY WCNOC AND ARE USED FOR AMBIENT TEMPERATURE MONITORING DURING OPERATION AND MAY BE DISCONNECTED DURING ILRT. MONITOR TE-52 MAY BE INSTALLED AT A FUTURE DATE.
15. INSTRUMENTATION TO BE PROVIDED BY WCNOC AT THE TIME OF ILRT.
16. PRESSURIZATION EQUIPMENT TO BE PROVIDED BY WCNOC AT THE TIME OF ILRT.
17. BLIND FLANGES TO BE INSTALLED, SPOOL PIECES REMOVED.



DATA LOGGER

USAR FIG. 6.2.6-1-00

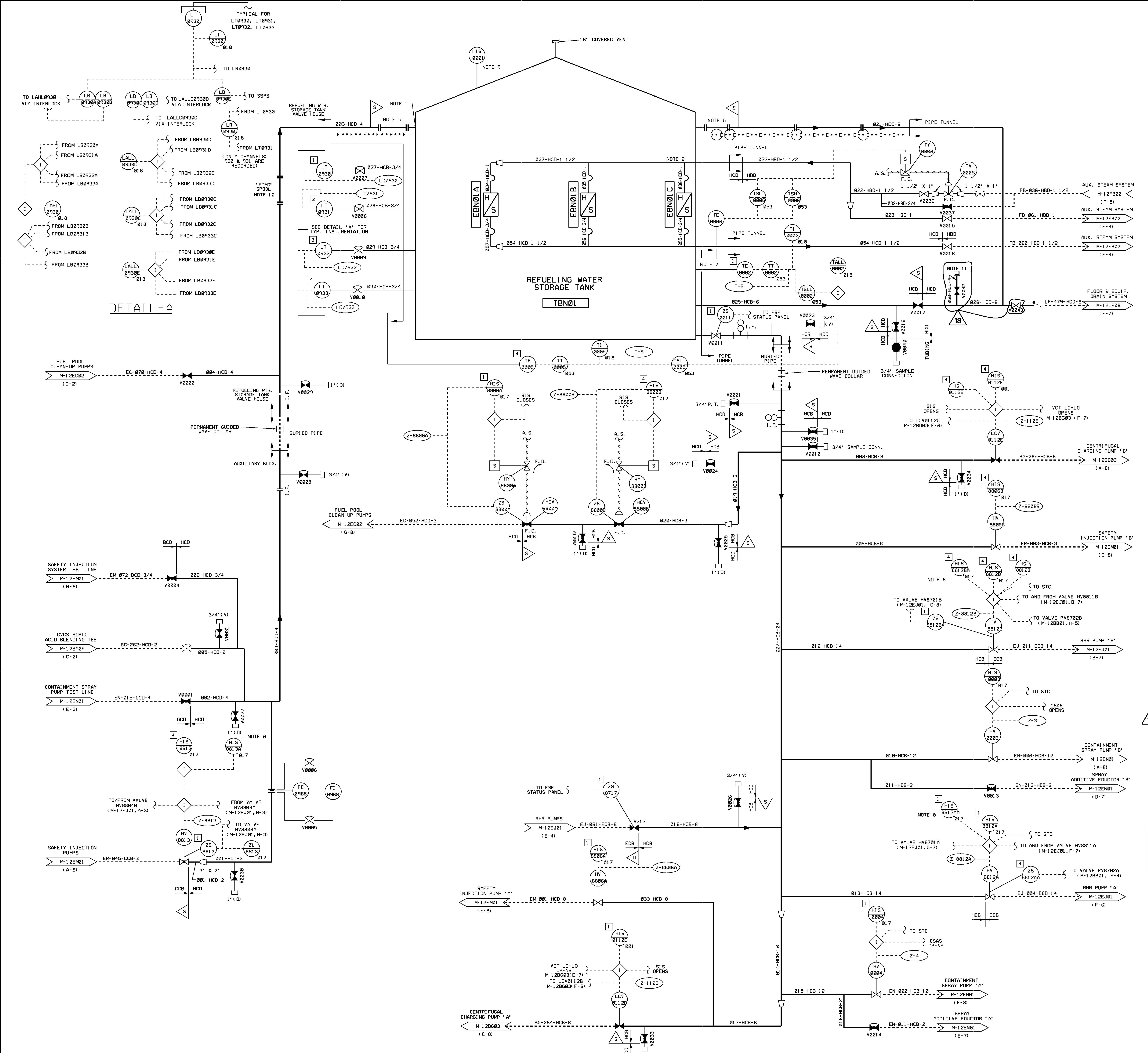
ESSENTIAL DRAWING

REVISIONS: ① REVISED ② ISSUED	INCORPORATED CHG. DOC. CR#00003872	CHANGE Pkg. No. THIS NG. SUPERSEDES:	REV. NO. THIS NG. SUPERSEDES:
WOLF CREEK <small>NUCLEAR OPERATING CORPORATION</small>		ELECTRONIC APPROVAL	
PIPING & INSTRUMENTATION DIAGRAM CONTAINMENT INTEGRATED LEAK RATE TEST			
SCALE: NONE	DRAWING NUMBER: M-12GP01	SHEET: 06	REV: 06

3844 E. SIDE
M-12GP01-06

Release Date: 03/01/10





DETAIL-A

NOTES

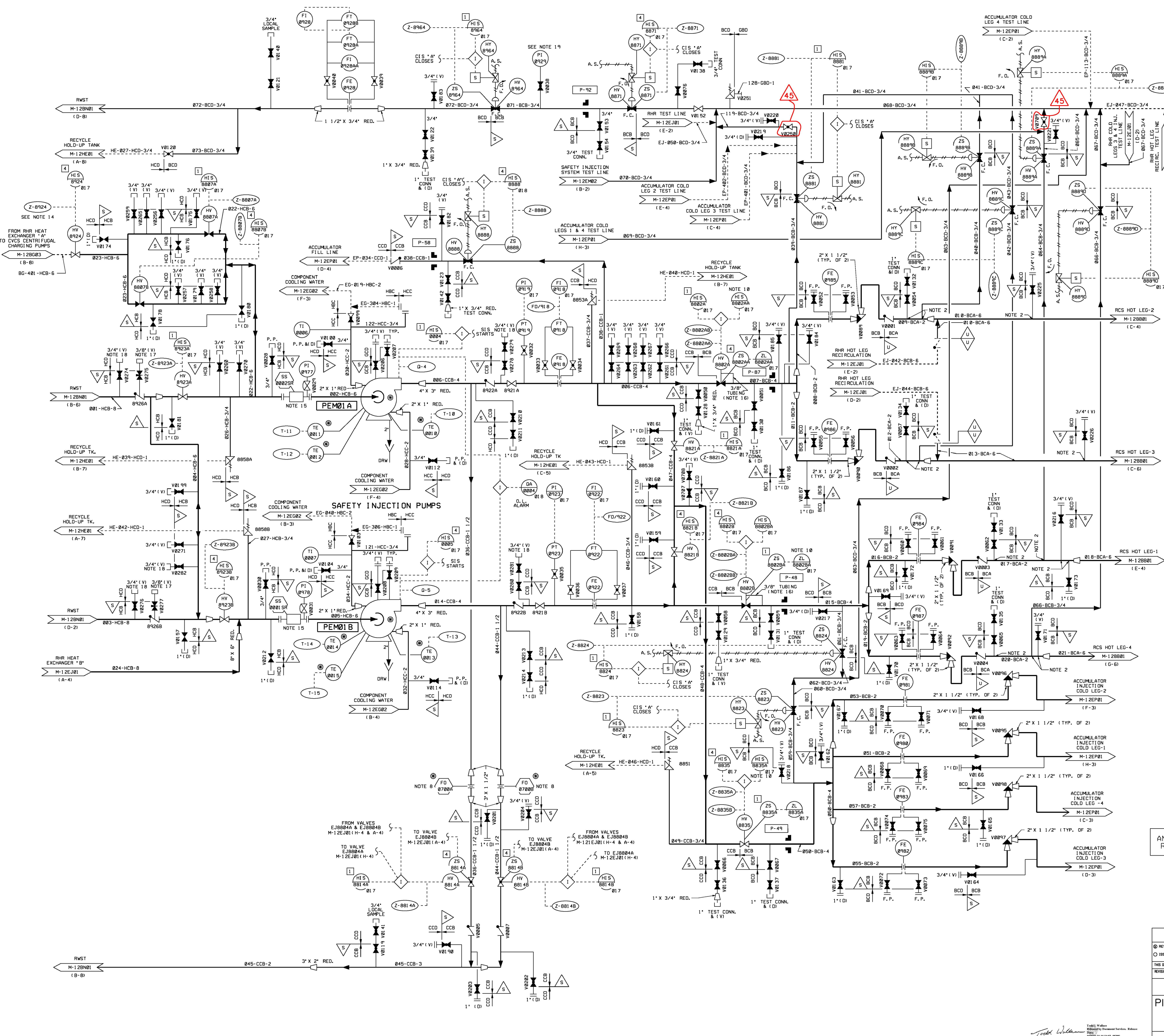
1. LOCATE CONNECTION ABOVE NORMAL WATER LEVEL.
2. HEATING COIL AND STEAM SUPPLY AND RETURN LINES ARE NOT G-LISTED.
3. REFERENCED WESTINGHOUSE DRAWINGS: M-736-00007, M-736-00010, M-736-00011, M-736-00012, M-736-00013.
4. DELETED.
5. REMOVABLE SPOOL PIPE REQUIRED FOR HYDROTESTING.
6. ISOLATION SWITCH PROVIDED IN THE CONTROL ROOM FOR POWER LOCKOUT OF VALVE HV-8813.
7. THE THERMOWELL FOR TE-6 WILL BE IN ACCORDANCE WITH SPEC. J-6030-D.
8. TEST INDICATING SWITCH TO VERIFY CIRCUIT OPERABILITY.
9. INSTRUMENT INSTALLED, BUT NOT IN SERVICE.
10. REMOVABLE SPOOL FOR EXTENSIVE DAMAGE MITIGATION GUIDELINE EDCM-101. REMOVE SPOOL AND FIRE-HOSE CONNECTION SO LAKE WATER CAN BE ADDED TO REFUELLING WATER STORAGE TANK OR TO FLOOD CONTAINMENT.
11. THIS CONNECTION IS FOR BEYOND-DESIGN-BASIS (FLEX) USE ONLY.

REFERENCE:
 ANY REVISION TO THIS DRAWING MAY REQUIRE A REVISION TO THE HIGH PRESSURE CONTROL INJECTION SYS. TEST LINE P & I.D. M-12EM03.

USAR FIG. 6.3-1-01

ESSENTIAL DRAWING			
REVISION	INCORPORATED	WIP-M-12BN01-015-A-1	CHANGE 014413
ISSUED	ENG. DOC.		PKG. NO.
THIS ENG. SUPERSEDES		REV.	THIS ENG. SUPERSEDES
REVISION NOTES:			
WOLF CREEK		ELECTRONIC APPROVAL	
NUCLEAR OPERATING CORPORATION			
PIPING & INSTRUMENTATION DIAGRAM			
BORATED REFUELLING WATER STORAGE SYSTEM			
SCALE	DRAWING NUMBER	SHEET	REV
NONE	M-12BN01	18	18

34X44 E SIZE



- ### NOTES
- DELETED.
 - DRILLED RESTRICTION 3/8" IN DIAMETER, POINT AT WHICH QUALITY GROUP CLASSIFICATION IS CHANGED FROM "A" TO "B". INSERVICE INSPECTION WILL BE PERFORMED ON CLASS "A" PIPE UP TO THIS ORIFICE.
 - SEE WESTINGHOUSE DRAWINGS M-738-00011, M-738-00012, AND M-738-00013.
 - DELETED.
 - DELETED.
 - PIPING CONTAINING 12 PERCENT BORIC ACID WILL HAVE TEES WITH A CLEANOUT TO PERMIT CLEANING OF SYSTEM AS REQUIRED.
 - FOR P&ID LEGEND AND SYMBOLS SEE DRAWING M-020101 THRU M-020104.
 - MINIFLOW ORIFICE SUPPLIED BY SI PUMP VENDOR
 - HEAT TRACING NON-CLASS 1E.
 - ISOLATION SWITCH PROVIDED IN THE CONTROL ROOM FOR POWER LOCKOUT OF VALVES 8882A, B AND 8835.
 - DELETED.
 - DELETED.
 - ALL WELDS IN ASME SECTION III CLASS 1 COMPONENTS AND ASME SECTION III CLASS 1 PIPING OF NOMINAL PIPE SIZE GREATER THAN 1" MAY BE SUBJECT TO VOLUMETRIC EXAMINATION DURING THE PRESERVICE INSPECTION (PSI) AND/OR THE INSERVICE INSPECTION (ISI) PROGRAMS THE SPECIFIC WELDS AND THEIR INSPECTION REQUIREMENTS ARE DELINEATED IN THE APPLICABLE PSI/ISI WORK PLANS PROVIDED UNDER SPECIFICATION M-189. BOUNDARIES OF THESE PIPING SYSTEMS ARE IDENTIFIED WITH A SYMBOL FOR CLARITY.
 - CIRCUIT BREAKER FOR EMHV8924 SHALL BE LOCKED OPEN AT ALL TIMES. A STEW BLOCKING DEVICE MAY BE INSTALLED ON VALVE EMHV8924 TO MAINTAIN THE VALVE IN THE OPEN POSITION AS REQUIRED BY PNR 4145.
 - REMOVABLE SPOOL WITH SPACER RING INSTALLED. REPLACEMENT FOR START-UP STRAINER.
 - VALVES EMHV882A & EMHV882B ARE EQUIPPED WITH AN ANTI PRESSURE LOCKING BYPASS. SEE M-724-02023.
 - VENT INSTALLED IN THE BONNET OF THE CHECK VALVE USING 3/8" INSTALLED FITTINGS AND VALVE.
 - VENT INSTALLED WITH CAM AND GROOVE ADAPTER AND DUST CAP WITH BURN-M GASKET.
 - BLOCK ISOLATION VALVE ON EMV8929 CLOSED UNDER NORMAL OPERATING CONDITION AND SERVES AS SECONDARY ISOLATION FOR CMT PENETRATION.

ANY REVISION TO THIS DRAWING MAY REQUIRE A REVISION TO M-12EM03.

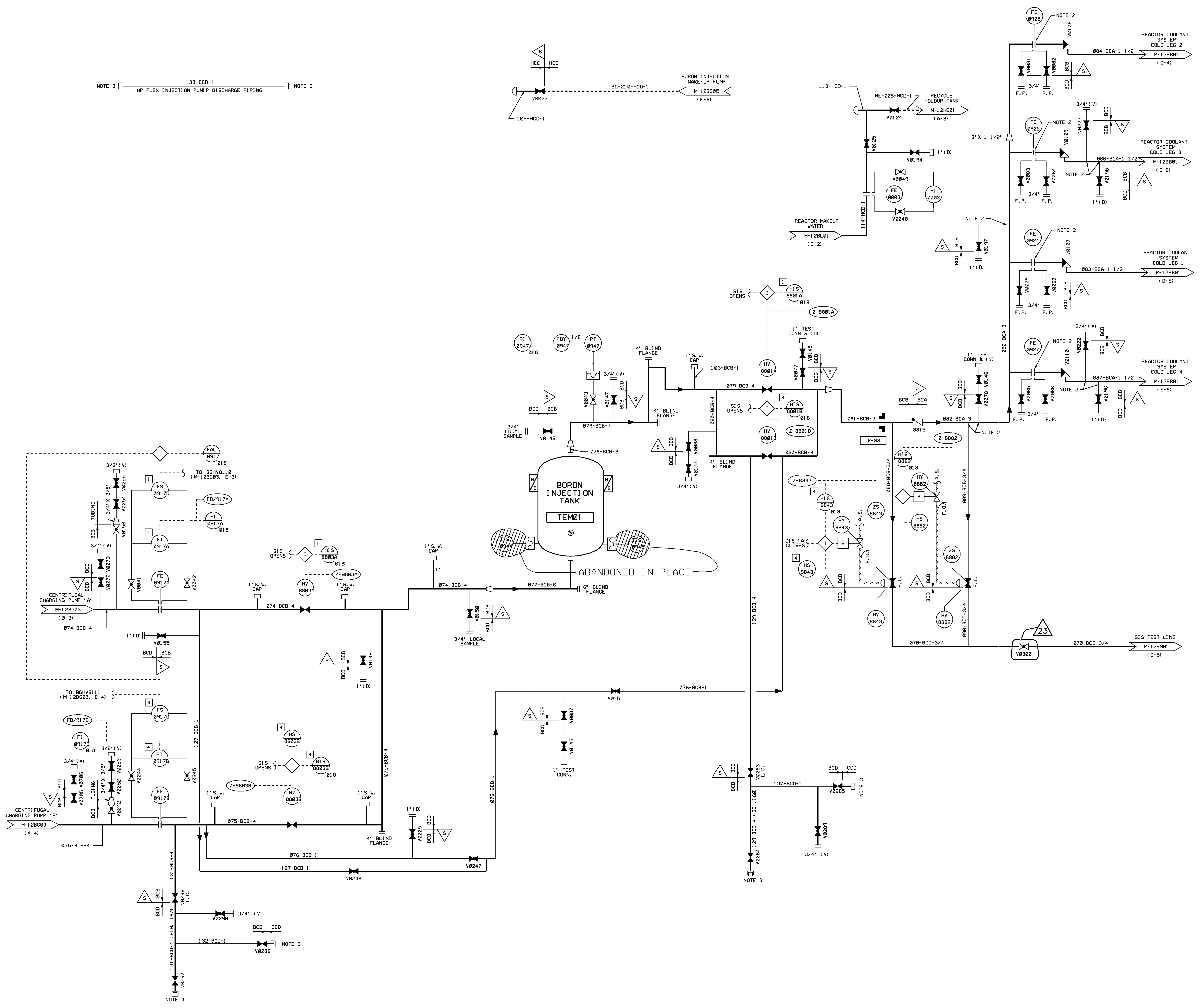
USAR FIG. 6.3-1-02

ESSENTIAL DRAWING

REVISED	INCORPORATED	WIP-M-12EM01-044-A-1	CHANGE 015137
ISSUED	CRG. DCC.		PNL NO.
THIS ENG. SUPERSEDES		REV.	THIS ENG. SUPERSEDES
REVISION NOTES		REV. PER WIP TO SHOW VALVE V0250 & V0709 OPEN.	REV.
		ELECTRONIC APPROVAL	
		PIPING & INSTRUMENTATION DIAGRAM HIGH PRESSURE COOLANT INJECTION SYSTEM	
SCALE	DRAWING NUMBER	SHEET	REV
NONE	M-12EM01	45	45

3444 E 302

NOTE 3 [133-CCD-1]
HP FLEX INJECTION PUMP DISCHARGE PIPING

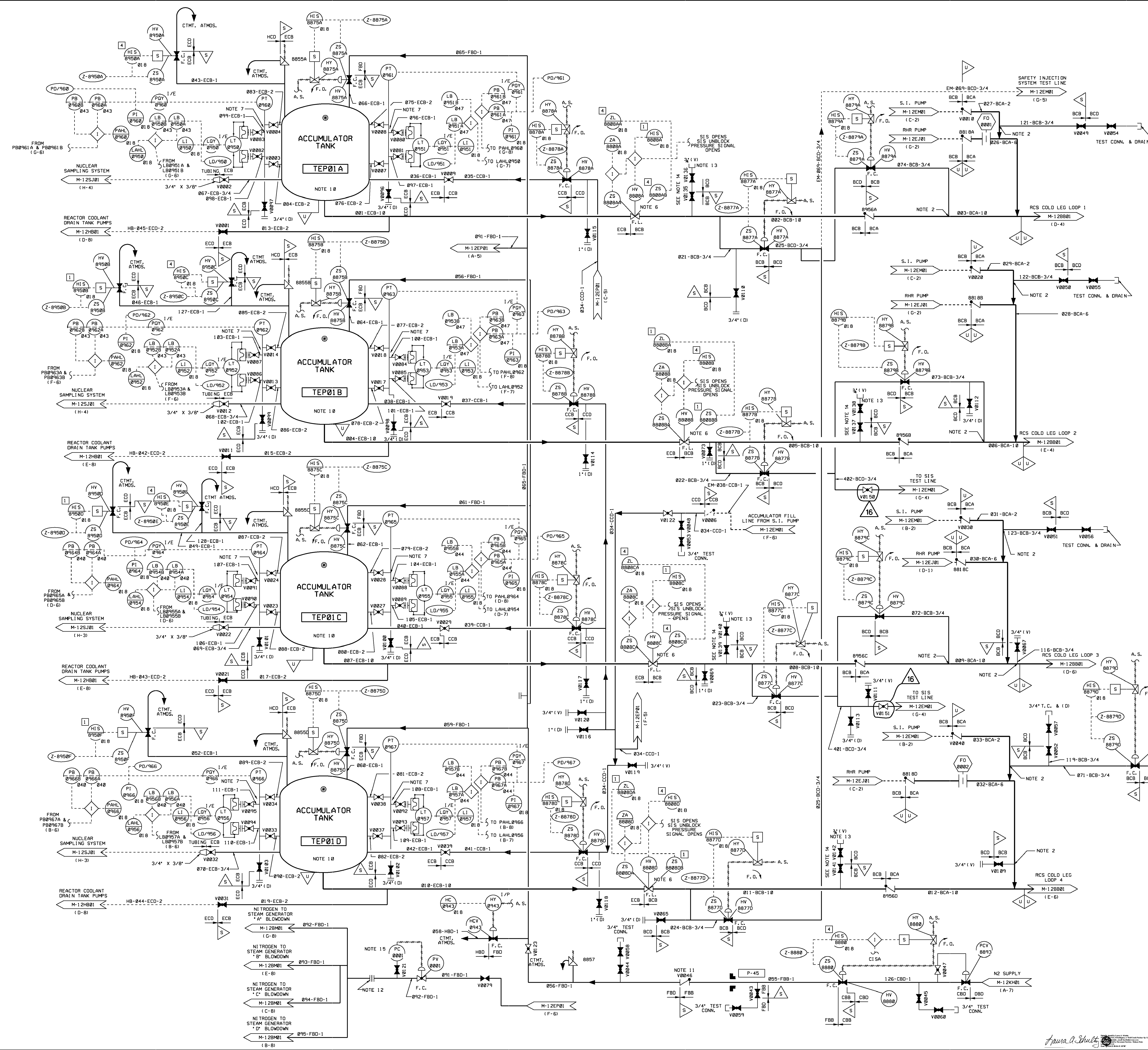


- ### NOTES
- 1. FOR GENERAL NOTES & REFERENCES SEE DWG. M-12EM01.
 - 2. SEE DRAWINGS M-13EM02, M-13EM09 AND M-13EM10 FOR EQUIPMENT NOT SHOWN ON THIS DRAWING THAT HAS BEEN PERMANENTLY REMOVED FROM SERVICE.
 - 3. THESE CONNECTIONS ARE FOR BEYOND-DESIGN-BASIS (FLEX) REACTOR COOLANT SYSTEM MAKE-UP.

ANY REVISION TO THIS DRAWING MAY REQUIRE A REVISION TO M-12EM03.

USAR FIG. 6.3-1-03

ESSENTIAL DRAWING			
REVISED	INCORPORATED	WIP-M-12EM02-021-A-1	CHANGE 015137
ISSUED	CHG. DOC.		PKG. NO.
THIS Dwg. SUPERSEDES BY		REV.	THIS Dwg. SUPERSEDES
REVISION NOTES:			
WOLF CREEK NUCLEAR OPERATING CORPORATION		ELECTRONIC APPROVAL	
PIPING & INSTRUMENTATION DIAGRAM HIGH PRESSURE COOLANT INJECTION SYSTEM			
SCALE	DRAWING NUMBER	SHEET	REV
NONE	M-12EM02	23	23
		3444 I. 502	



- ### NOTES
- ALL WELDS IN ASME SECTION III, CLASS I COMPONENTS AND ASME SECTION III, CLASS I PIPING OF NOMINAL PIPE SIZE GREATER THAN 1" MAY BE SUBJECT TO VOLUMETRIC EXAMINATION DURING PRESERVICE INSPECTION (PSI) AND/OR INSERVICE INSPECTION (ISI) PROGRAMS. THE SPECIFIC WELDS AND THEIR INSPECTION REQUIREMENTS ARE DELINEATED IN THE APPLICABLE PSI/ISI WORK PLANS PROVIDED UNDER SPECIFICATION M-1B9. BOUNDARIES OF THESE PIPING SYSTEMS ARE IDENTIFIED WITH A SYMBOL FOR CLARITY.
 - PROVIDE 3/8" I.D. FLOW RESTRICTOR FOR INTERFACE BOUNDARY BETWEEN QUALITY GROUP CLASSIFICATION "A" AND "B" INSERVICE INSPECTION REQUIREMENTS NOT APPLICABLE TO THE QUALITY GROUP CLASSIFICATION "B". THIS DRAWING IS BASED ON WESTINGHOUSE DRAWING M-738-00012.
 - DELETED.
 - DELETED.
 - THE MOTOR CONTROL CENTER CIRCUIT BREAKER SHALL BE LOCKED FOR VALVES HV-8880A, B, C & D, UNDER NORMAL PLANT OPERATION IN THE POWER DISCONNECTED POSITION.
 - THE 2" DIAMETER ACCUMULATOR STANDPIPE, LOCATED BETWEEN THE UPPER AND LOWER TANK TAPS, SHOULD HAVE TRANSMITTER TAPS LOCATED 8 INCHES ABOVE AND BELOW THE NORMAL WATER LEVEL OF THE ACCUMULATOR TANK.
 - WELDS IN ASME SECTION III, CLASS 2 PIPING SYSTEMS OF NOMINAL PIPE SIZE GREATER THAN 4", WITHIN THE BOUNDARIES IDENTIFIED BY THE "S" SYMBOL, MAY BE SUBJECT TO VOLUMETRIC EXAMINATION DURING THE PSI AND/OR ISI PROGRAMS. THE SPECIFIC WELDS WITHIN THESE BOUNDARIES AND THEIR INSPECTION REQUIREMENTS ARE DELINEATED IN THE PSI/ISI WORK PLANS PROVIDED UNDER SPECIFICATION M-1B9.
 - SYMBOLS ARE PROVIDED FOR CLARITY TO INDICATE THAT PIPING BOUNDARIES, WHICH ARE SUBJECT TO PSI/ISI PROGRAMS, CONTINUE ONTO OTHER P & ID'S.
 - WELDS OF THE ACCUMULATOR TANKS ARE SUBJECT TO PSI/ISI EXAMINATION AS DELINEATED IN THE PSI/ISI WORK PLANS PROVIDED UNDER SPECIFICATION M-1B9.
 - VALVE V0846 IS BOUGHT UNDER SPECIFICATION J-683A AND IS VALVE CLASS ECB. SEE DWS, J-683A-00091.
 - FIELD FABRICATED BLIND FLANGE, PER CCP 86493 MAY BE INSTALLED.
 - TEST CONNECTION AND/OR VENT INSTALLED WITH CAM AND GROOVE ADAPTER AND DUST CAP WITH BUNA-N GASKET.
 - FOR GENERAL NOTE 4.C.2 OF MS-02 WHICH STATES "FOR REASONS OF ECONOMY AND INTERCHANGEABILITY, THE USE OF VALVES MANUFACTURED AT A HIGHER QUALITY GROUP AND PRESSURE RATING THAN SPECIFIED VALVE CLASS IN THE PIPING CLASS SHEET IS AN ACCEPTABLE ALTERNATE". VENT VALVE ASSEMBLIES SHALL BE FABRICATED WITH STAINLESS STEEL PIPING AND VALVES.
 - FUNCTION CHANGED TO MANUAL PRESSURE CONTROL.

ANY REVISION TO THIS DRAWING MAY REQUIRE A REVISION TO M-12EM03.

USAR FIG. 6.3-1-04

ESSENTIAL DRAWING

REVISED	INCORPORATED	WIP-M-12EP01-015-A-1	CHANGE	015137
ISSUED	CHG. DEC.			FIG. NO.

THIS DWS SUPERSEDES: REV. THIS DWS SUPERSEDES: REV.

REVISION NOTES:

WOLF CREEK		ELECTRONIC APPROVAL	
NUCLEAR OPERATING CORPORATION			

PIPING & INSTRUMENTATION DIAGRAM

ACCUMULATOR SAFETY INJECTION

SCALE	DRAWING NUMBER	SHEET	REV
NONE	M-12EP01	16	

3444 E. 32E