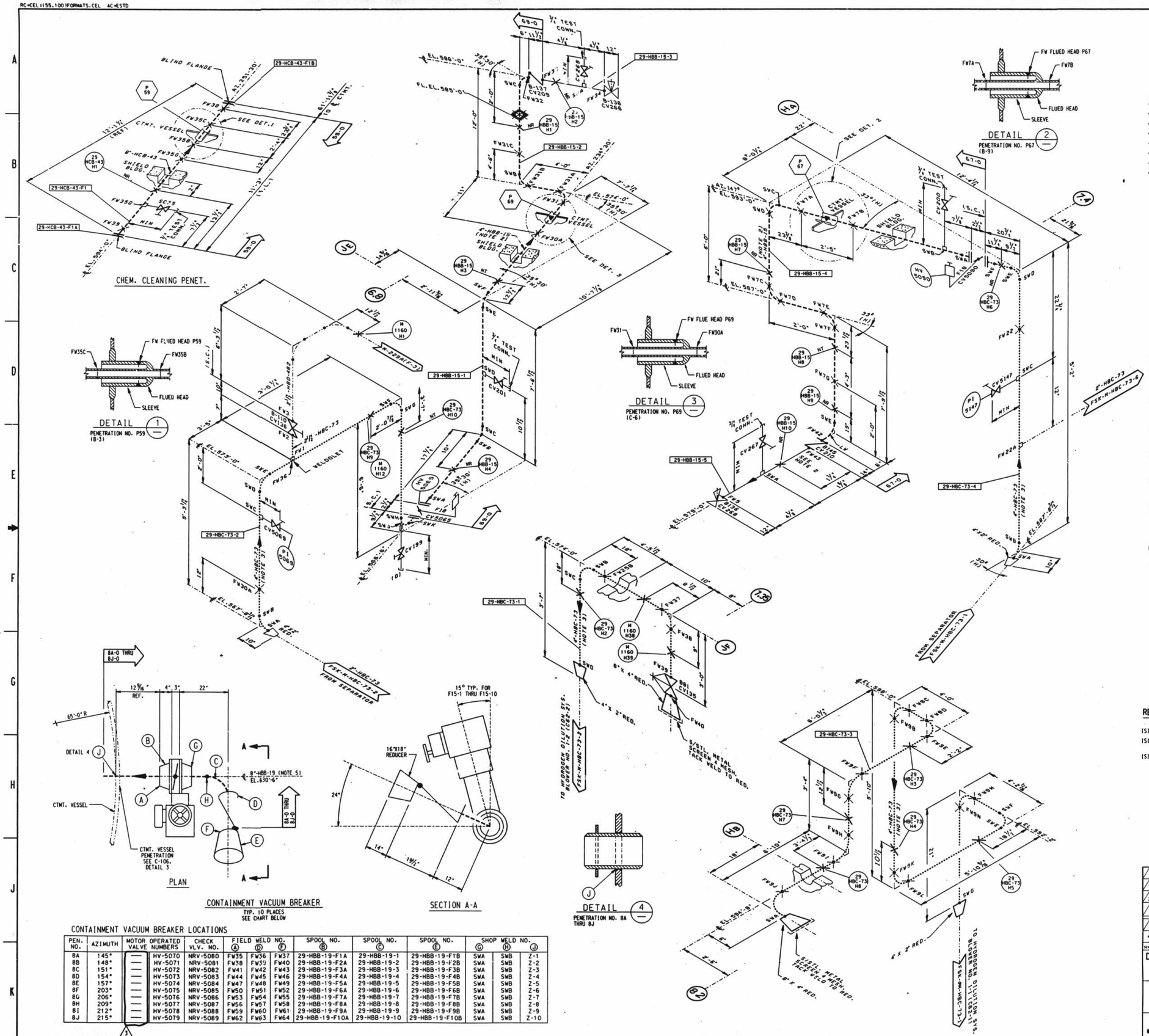

LEGEND

- ASME SECTION XI CLASS 1 PIPING
- ASME SECTION XI CLASS 2 PIPING
- ASME SECTION XI CLASS 3 PIPING
- NON-ISI NUCLEAR CLASS AND HSC CLASS
- PRESSURE BOUNDARY EXTENSION
- REFERENCE & CONTINUITY
- HVAC DUCT
- A — ANCHOR
- CS — CONSTANT SPRING HANGER
- VS — VARIABLE SPRING HANGER
- HS — HYDRAULIC SNUBBER
- MS — MECHANICAL SNUBBER
- N — NON-WELDED SUPPORT ATTACHMENT
- W — WELDED INTEGRAL SUPPORT ATTACHMENT
- R — RIGID SUPPORT
- T — SWAY STRUT
- SW — SHOP WELD
- FW — FIELD WELD
- LW — LONGITUDINAL WELD
- WOL — WELDOLET
- ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.

NOTES:

1. MULTIPLE SWAY STRUTS, SPRING SUPPORTS OR SNUBBERS IN A SINGLE PIPING SUPPORT ARE SHOWN BY A NUMBER BEFORE THE SUPPORT TYPE. (EXAMPLE: 2HMS - TWO HYDRAULIC TYPE SNUBBERS THAT ARE NOT WELDED INTEGRAL TO THE PIPE).
2. THE HYDROGEN DILUTION SYSTEM LINE 4"-HBB-15 WELDS AND SUPPORTS ARE EXEMPT FROM INSERVICE EXAMINATION REQUIREMENTS PER IWC 1220. THE WELDS AND SUPPORTS SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.
3. THE HYDROGEN DILUTION SYSTEM LINE 4"-HBC-73 WELDS AND SUPPORTS ARE EXEMPT FROM INSERVICE EXAMINATION REQUIREMENTS PER IWD 1220. THE WELDS AND SUPPORTS SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.
4. DELETED.
5. THE CONTAINMENT VACUUM BREAKER LINE 8"-HBB-19 WELDS, WITH THE EXCEPTION OF THE WELDS DESIGNATED AS (A), ARE EXEMPT FROM INSERVICE EXAMINATION PER IWC 1220. THE EXEMPT WELDS SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.
6. PIPING SYSTEMS ON THIS DRAWING WHICH ARE OUTSIDE OF THE ISI BOUNDARY, ARE SHOWN FOR REFERENCE AND CONTINUITY PURPOSES ONLY. THE CONFIGURATION SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.

GENERAL NOTE:

1. DIMENSIONS SHOWN ON THIS DRAWING ARE TO BE USED FOR APPROXIMATE LOCATION ONLY. USE DESIGN DRAWINGS FOR DIMENSIONAL VERIFICATION.

REFERENCE DRAWINGS:

- 1SI02-007A STEAM GENERATOR SECONDARY SYSTEM
- 1SI02-029B AUX. BLDG., RADWASTE, FUEL HANDLING AND ACCESS CONTROL AREAS, SH.2
- 1SI02-029D CONTAINMENT AND PENETRATION ROOMS SHEET 3

CONTAINMENT VACUUM BREAKER LOCATIONS

PEN. NO.	AZIMUTH	MOTOR OPERATED VALVE NUMBERS	CHECK VLV. NO.	FIELD WELD NO. Ⓐ	FIELD WELD NO. Ⓓ	FIELD WELD NO. Ⓕ	SPOOL NO. Ⓑ	SPOOL NO. Ⓒ	SPOOL NO. Ⓔ	SHOP WELD NO. Ⓖ	SHOP WELD NO. Ⓗ	SHOP WELD NO. Ⓙ
8A	145°	—	HV-5070	NRV-5080	FW35	FW36	FW37	29-HBB-19-F1A	29-HBB-19-1	29-HBB-19-F1B	SWA	SWB	Z-1
8B	148°	—	HV-5071	NRV-5081	FW38	FW39	FW40	29-HBB-19-F2A	29-HBB-19-2	29-HBB-19-F2B	SWA	SWB	Z-2
8C	151°	—	HV-5072	NRV-5082	FW41	FW42	FW43	29-HBB-19-F3A	29-HBB-19-3	29-HBB-19-F3B	SWA	SWB	Z-3
8D	154°	—	HV-5073	NRV-5083	FW44	FW45	FW46	29-HBB-19-F4A	29-HBB-19-4	29-HBB-19-F4B	SWA	SWB	Z-4
8E	157°	—	HV-5074	NRV-5084	FW47	FW48	FW49	29-HBB-19-F5A	29-HBB-19-5	29-HBB-19-F5B	SWA	SWB	Z-5
8F	203°	—	HV-5075	NRV-5085	FW50	FW51	FW52	29-HBB-19-F6A	29-HBB-19-6	29-HBB-19-F6B	SWA	SWB	Z-6
8G	206°	—	HV-5076	NRV-5086	FW53	FW54	FW55	29-HBB-19-F7A	29-HBB-19-7	29-HBB-19-F7B	SWA	SWB	Z-7
8H	209°	—	HV-5077	NRV-5087	FW56	FW57	FW58	29-HBB-19-F8A	29-HBB-19-8	29-HBB-19-F8B	SWA	SWB	Z-8
8I	212°	—	HV-5078	NRV-5088	FW59	FW60	FW61	29-HBB-19-F9A	29-HBB-19-9	29-HBB-19-F9B	SWA	SWB	Z-9
8J	215°	—	HV-5079	NRV-5089	FW62	FW63	FW64	29-HBB-19-F10A	29-HBB-19-10	29-HBB-19-F10B	SWA	SWB	Z-10

NO.	DATE	REVISIONS	BY	CH'K	ENGR	ENGR. SUPV.	ENG. MGR.
3	5/5/98	INC. DCN 1SIM2-229-8 PER FPR 1-0355-T01	SBW				
2	9/1/96	INC. DCN 1SIM2-229-5 FOR RFA 94-0108	"INITIALS ON FILE"				
1	4/9/96	INC DCN 1SIM2-229-1 FOR DCR 91-0011 & GEN UPDATE (REVISED OVERALL DIMENSION IN ZONE E-10)	"INITIALS ON FILE"				
0	9/1/94	ISSUED FOR SECOND 10 YEAR ISI PROGRAM	"INITIALS ON FILE"				

SCALE N.T.S. DESIGNED DRAWN CB DATE

DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1 Q
THE TOLEDO EDISON COMPANY

INSERVICE INSPECTION ISOMETRIC
HYDROGEN DILUTION SYSTEM 8
MISC. CONTAINMENT PENETRATIONS
AUXILIARY AND CONTAINMENT BUILDINGS

DRAWING NO. 1SIM2-229 (SHEET 1) REV. 3

DB 06-30-98 DFN= 1/1SIM/ 21H279 .DGN LEVELS 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

14 34X44 E SIZE PSC= 101

I CERTIFY THAT THE IMAGE CONTAINED ON THIS FRAME WAS MADE IN THE NORMAL AND REGULAR COURSE OF BUSINESS, ON THE DATE STATED HEREIN AND THAT IT IS THE BEST COPY OF THE RECORDS MADE AVAILABLE TO THE NUCLEAR RECORDS MANAGEMENT, DAVIS-BESSE N.P.S.

36X

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