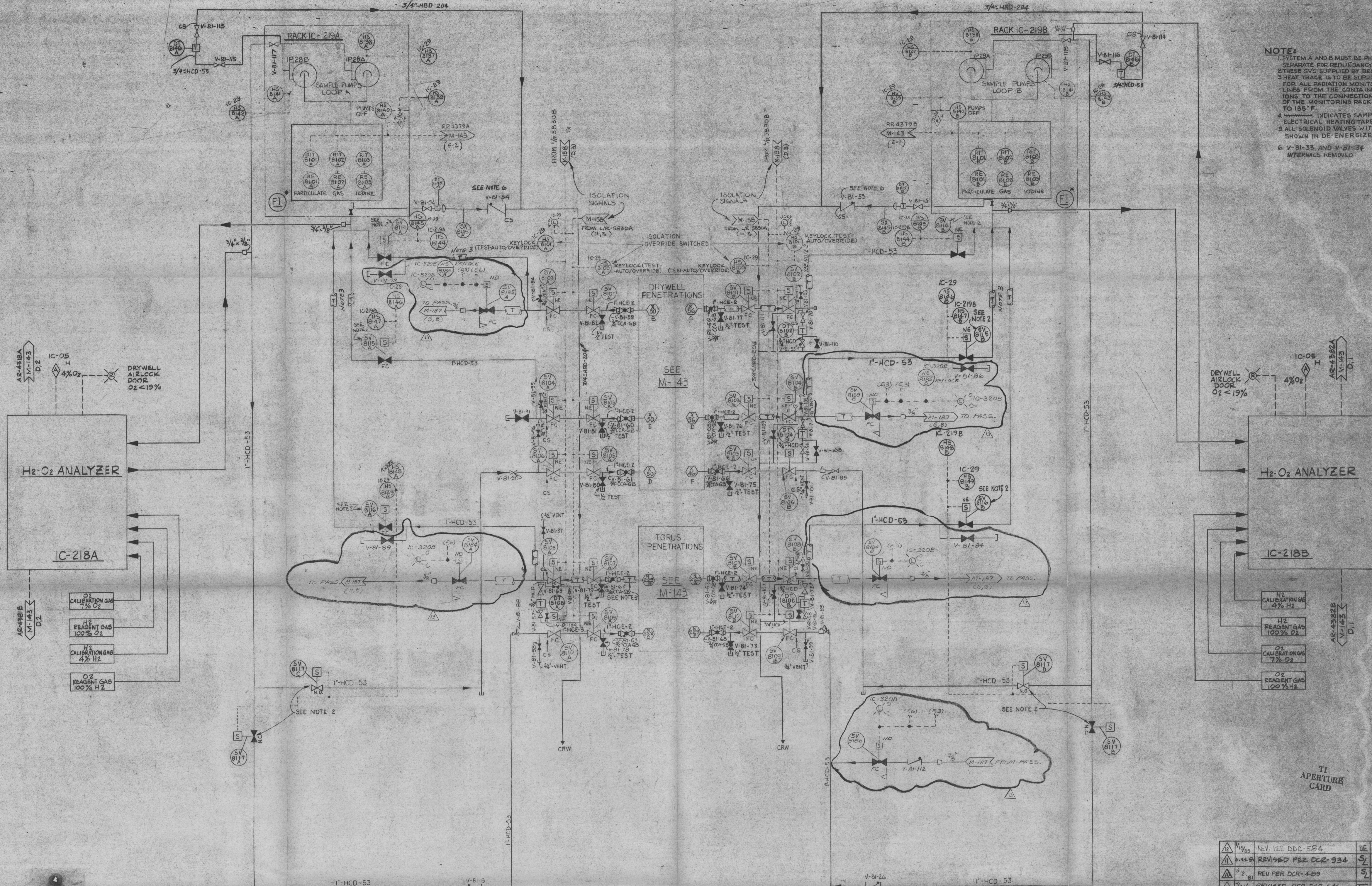
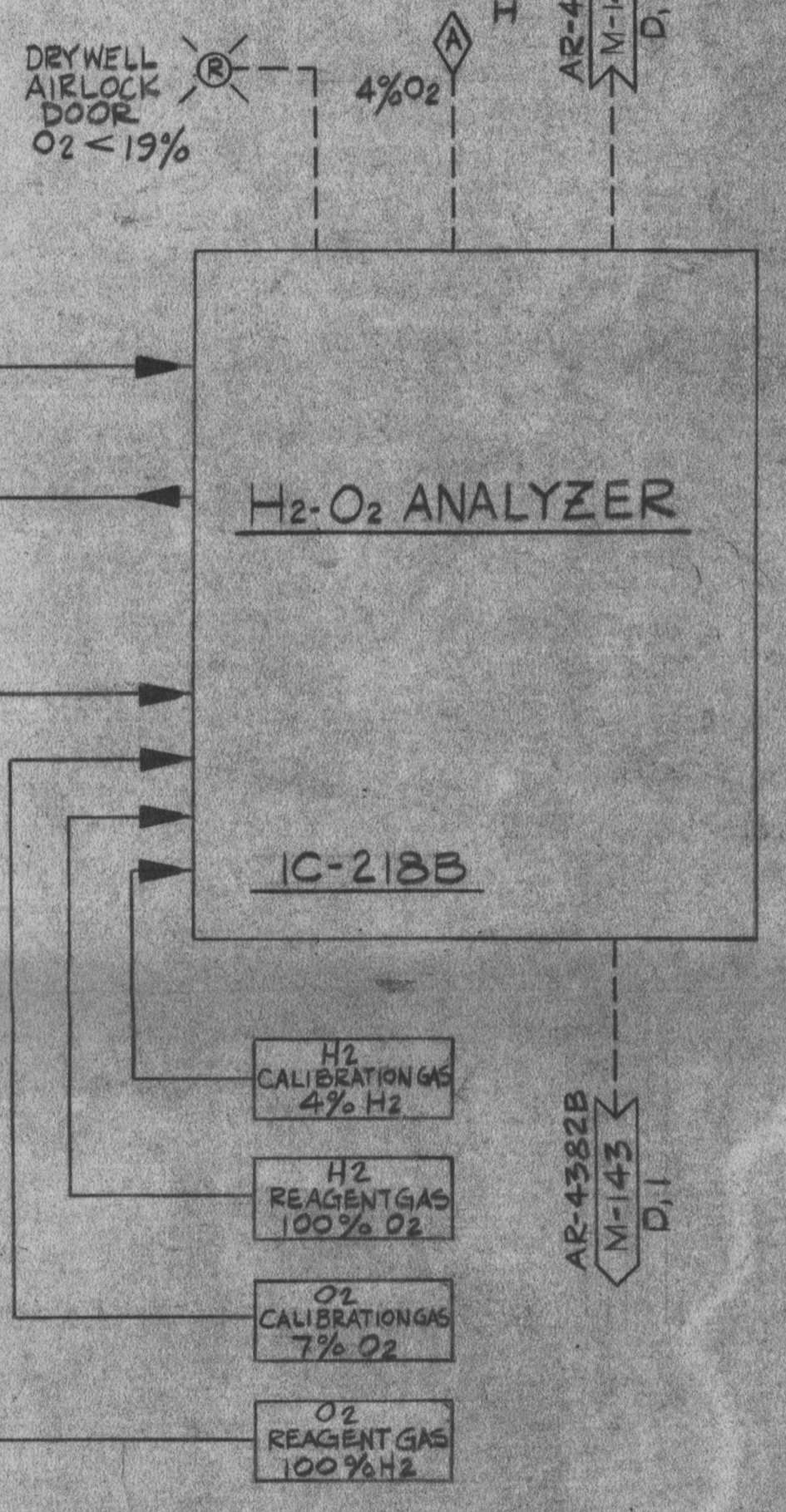


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NOTE:
1. SYSTEM A AND B MUST BE PHYSICALLY SEPARATE FOR REDUNDANCY.
2. THESE SVS SUPPLIED BY BECHTEL.
3. HEAT TRACE IS TO BE SUPPLIED BY BECHTEL FOR ALL RADIATION MONITORING SAMPLE LINES FROM THE CONTAINMENT PENETRATIONS TO THE CONNECTION AT THE TOP OF THE MONITORING RACK. TRACE HEAT TO 135°F.
4. INDICATES SAMPLE TUBE ELECTRICAL HEATING TAPE.
5. ALL SOLENOID VALVES WITHIN THE RACKS SHOWN IN DE-ENERGIZED POSITION.
6. V-81-33 AND V-81-34 INTERNALS REMOVED.



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REV.	DATE	DESCRIPTION	BY	CHKD.	APP'D.
1	11/28/83	REV. PER DDC-524	JE	MS	SH
2	01/28/84	REVISED PER DCR-934	SJ	MS	SH
3	02/28/84	REV PER DCR-489	SJ	MS	SH
4	07/21/84	REVISED PER DCR-646	TOO	MS	SH
5	08/01/84	REVISED PER DCR-538	M.M.	MS	SH
6	09/01/84	REVISED AS NOTED ON REV SHEET	MS	MS	SH
7	10/12/84	REVISED AS NOTED ON REV SHEET	FL	MS	SH
8	11/13/84	REVISED VALVES V-81-53 THRU V-81-58 PER DCM #1 FOR REV. 3	MS	MS	SH
9	10/13/84	REVISED AS NOTED ON REV SHEET	MS	MS	SH
10	01/24/85	REVISED AS NOTED ON REV SHEET	MS	MS	SH
11	02/24/85	REVISED AS NOTED ON REV SHEET	MS	MS	SH
12	03/17/85	REVISED AS PER DCM #14. SEE NOTE ABOVE LAST VALVE ON SYSTEM	MS	MS	SH
13	05/15/85	FINAL DESIGN SUBMITTED TO NRC. ADDED VALVE NOS. V-81-59, V-81-60, V-81-61, V-81-62, V-81-63, V-81-64, V-81-65, V-81-66, V-81-67, V-81-68, V-81-69, V-81-70, V-81-71, V-81-72, V-81-73, V-81-74, V-81-75, V-81-76, V-81-77, V-81-78, V-81-79, V-81-80, V-81-81, V-81-82, V-81-83, V-81-84, V-81-85, V-81-86, V-81-87, V-81-88, V-81-89, V-81-90, V-81-91, V-81-92, V-81-93, V-81-94, V-81-95, V-81-96, V-81-97, V-81-98, V-81-99, V-81-100	MS	MS	SH
14	08/27/85	ADDED VALVE NOS. ON SYS. UP TO V-81-26 AS ISSUED FOR CONSTR.	MS	MS	SH
15	09/13/85	REV PER DCR-932A	JW	MS	SH

SCALE: NONE

DESIGNED: G. CAMPO

BECHTEL
SAN FRANCISCO

DUANE ARNOLD ENERGY CENTER—UNIT NO. 1
IOWA ELECTRIC LIGHT AND POWER COMPANY
CEDAR RAPIDS, IOWA

CONTAINMENT ATMOSPHERE
MONITORING SYSTEM

JOB No.	DRAWING No.	REV.
7884	M-181	13

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