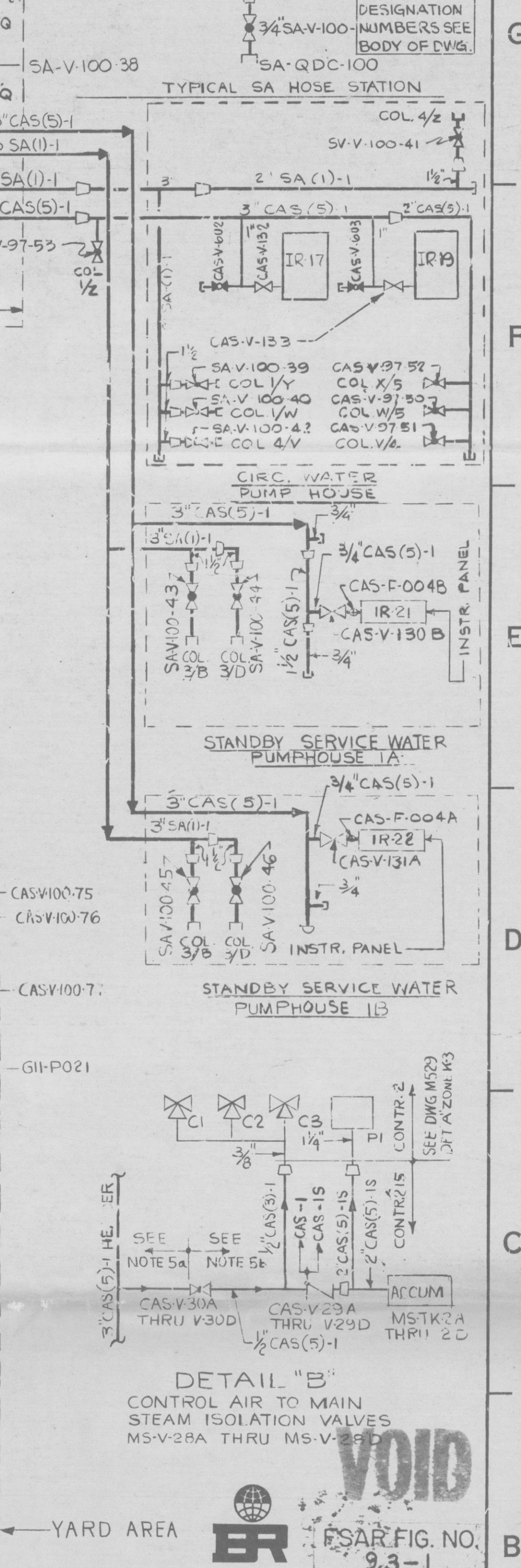


**NOTES:**

- 1- ALL INSTRUMENTS ON THIS DRAWING TO BE IDENTIFIED BY PREFIX 'CAS' OR 'SA' AS APPLICABLE, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 2- ALL ITEMS MARKED \* ARE FURNISHED WITH ASSOCIATED EQUIPMENT.
- 3- ALL INSTRUMENT ROOM VALVES NOT LABELED WILL BE 3/4" GLOBE VALVES UNLESS SPECIFICALLY NOTED OTHERWISE.
- 4- ALL PIPING, VALVES & ASSOCIATED COMPONENTS ON THIS DRAWING ARE CLASSIFIED AS FOLLOWS EXCEPT IN THE REACTOR & DIESEL GENERATOR BUILDINGS:  
 QUALITY CLASS II  
 CODE GROUP - D
- 5- ALL PIPING, VALVES & ASSOCIATED COMPONENTS ON THIS DRAWING IN THE CONTROL SERVICE AIR SYSTEM IN THE REACTOR/DIESEL GENERATOR BUILDINGS SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAMS):  
 QUALITY CLASS II  
 CODE GROUP - D
- 6- ALL PIPING EXCEPT AS NOTED QUALITY CLASS II & CODE GROUP - D
- 7- ALL VALVES SUFFIXED WITH A (1) EQUAL A 3/4" VENT VALVE.
- 8- ALL VALVES SUFFIXED WITH A (2) EQUAL A 3/4" DRAIN VALVE.
- 9- SEE SECTION 150 CONTROL PANEL
- 10- CAS (3) DOWNSTREAM OF QUALITY CLASS II AND INCLUDING THE LAST SEISMIC CLASS 2 SYSTEM ISOLATION VALVE (CODE GROUP C AS SHOWN IN DETAIL B)
- 11- CAS (3) DOWNSTREAM OF QUALITY CLASS II ISOLATION VALVE (AS SHOWN IN ZONE K-8)
- 12- SA (1) DOWNSTREAM OF AND INCLUDING THE LAST CONTAINMENT SEISMIC CLASS I ISOLATION VALVE (CODE GROUP B AS SHOWN IN ZONE K-8)
- 13- THESE VALVES WILL BE INCLUDED IN THE ISOLATION VALVE POSITION DISPLAY PANEL.
- 14- THESE COMPUTER INPUT POINTS ARE NOT USED.
- 15- THESE VALVES WILL BE INCLUDED IN THE ISOLATION VALVE POSITION DISPLAY PANEL.

**LEGEND**

- 1 ALL VALVES SUFFIXED WITH A (1) EQUAL A 3/4" VENT VALVE.
- 2 ALL VALVES SUFFIXED WITH A (2) EQUAL A 3/4" DRAIN VALVE.



**INFORMATION ONLY**

REV NO	REVISION	DATE	DRWN	CHKD	APPROVED	REV NO	REVISION	DATE	DRWN	CHKD	APPROVED	REV NO	REVISION	DATE	DRWN	CHKD	APPROVED	REV NO	REVISION	DATE	DRWN	CHKD	APPROVED						
42	DE 12/3, B, G, 15, F, 12-13, K-3, W215-M, B62 (E-4), E-10, E-11, F-4, F-10-11, F-12, 215-M, 5312	12/22/83	ORJ	GM	JJS	40	PERTASK 3040: REI 215-271 (B-3) 215-M-A156 (K-1) 220-I-C-05 (B-15) 215-M-A60 (F-10, F-11)	12/22/83	ORJ	GM	JJS	38	FOR PREVIOUS REVISION SEE PREVIOUS ISSUE PER TASK 3040: REI 215-271 (B-3) E-10, E-11, E-12, M-4, 777-D-B, C-11, H-3, C-9, D, E-11	12/22/83	ORJ	GM	JJS	41	PERTASK 3040: PEDS W215-M-5308 (K-8-9) W215-M-4995 (D-15) 215-D-AB40 (F-8-9, F-10, F-11, E-9, E-10, E-11-12)	12/22/83	ORJ	GM	JJS	39	PERTASK 3040: PEDS W215-D-3919 (D-5, G-3) W220-M-0541 (D-E-1) 215-D-4762 (D-5)	12/22/83	ORJ	GM	JJS

**BURNS AND ROE, INC.**  
ENGINEERS AND CONSTRUCTORS  
ORADELL, N. J. HEMPSTEAD, N. Y. LOS ANGELES, CALIF.

**FLOW DIAGRAM**  
CONTROL & SERVICE AIR SYSTEMS

WASHINGTON PUBLIC POWER SUPPLY SYSTEM  
HANFORD NO. 2

ENGINEERING REVIEW: [Signature]  
DESIGN: [Signature]  
CHECKED: [Signature]  
DATE: 12/22/83

W. O. 2808  
DWG. M 510