PROJECT INSTALLATION DETAILS

W.O. NO. 2808-220

RH 3/1/76

BURNS AND ROE, INC.

I & C DWG. NO. M619

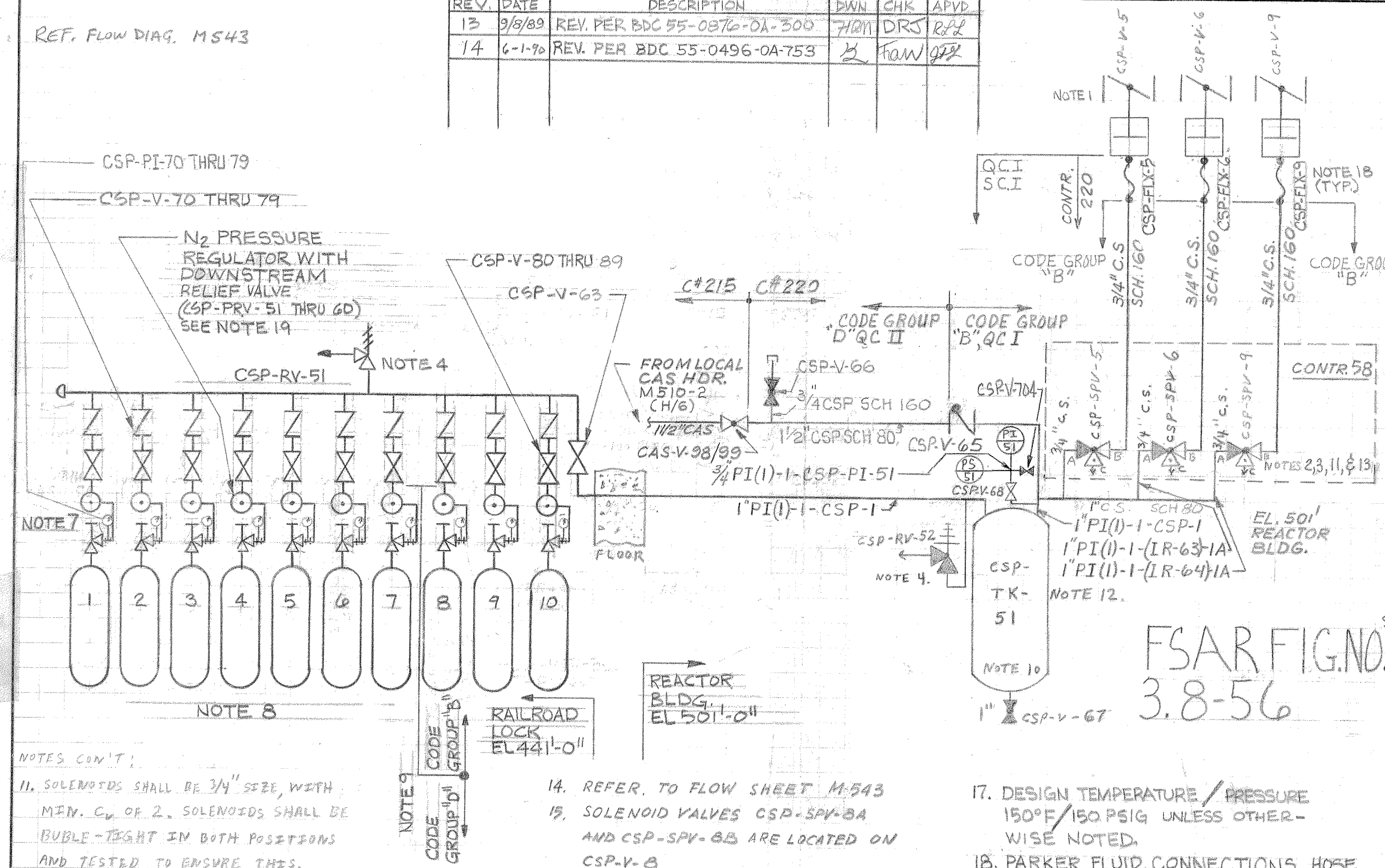
SHEET 161 OF

REV. 19

CLASS I AIR SYSTEM FOR CONT. VACUUM BREAKER VALVES

REF. FLOW DIAG. M543

REV.	DATE	DESCRIPTION	DWN	CHK	APVD
13	9/8/89	REV. PER BDC 55-0876-0A-300	HQM	DRJ	RLL
14	6-1-90	REV. PER BDC 55-0496-0A-753	[illegible]	FAW	[illegible]



FSAR FIG. NO. 3.8-56

NOTES.

1. VALVES CSP-V-5, CSP-V-6, AND CSP-V-9 ARE NORMALLY CLOSED, FAIL OPEN ON LOSS OF AIR.
2. SOLENOIDS ARE SHOWN IN DEENERGIZED POSITION. SOLENOIDS ARE NOMALLY ENERGIZED.
3. ROUTE DISCHARGE TO WITHIN 1' OF FLOOR.
4. SET RELIEF VALVE AT 150 PSIG.
5. (DELETED)
6. (DELETED)
7. SUPPLIED WITH ASSOCIATED EQUIPMENT.
8. CGA TYPE A1 N_2 CYLINDERS SUPPLIED BY OWNER CONTRACTOR IS TO SUPPLY BOTTLE RACK AND CONNECTION PIGTAILS.
9. ALL EQUIPMENT AND PIPING ON THIS SHEET EXCEPT CAS SYSTEM AND UPSTREAM OF GAS BOTTLE ISOLATION VALVES (CSP-V-80 THRU 89) SHALL BE QUALITY CLASS I, SEISMIC CATEGORY I, ASME III, CLASS 2. EQUIPMENT UPSTREAM OF GAS BOTTLE ISOLATION VALVES SHALL BE QUALITY CLASS I, CODE GROUP D, (ANSI B31.1), & MOUNTED SEISMIC CATEGORY I. BOTTLES & REGULATORS SHALL BE QUALITY CLASS I
10. ACC. TANK SHALL BE FABRICATED IN ACCORDANCE WITH DATA SHEET ACC-1B.

NOTES CON'T:

11. SOLENOIDS SHALL BE 3/4" SIZE, WITH MIN. C_v OF 2. SOLENOIDS SHALL BE BUBLE-TIGHT IN BOTH POSITIONS AND TESTED TO ENSURE THIS.
12. SECURE TANK TO BOTH FLOOR AND WALL.
13. SOLENOID VALVES CSP-SPV-5, 9 ARE MOUNTED ON IR-64 AND CSP-SPV-6 IS MOUNTED ON IR-63.
14. REFER. TO FLOW SHEET M-543
15. SOLENOID VALVES CSP-SPV-8A AND CSP-SPV-8B ARE LOCATED ON CSP-V-8
16. SOLENOID VALVES CSP-SPV-7A, CSP-SPV-7B, CSP-SPV-10A AND CSP-SPV-10B ARE LOCATED ON CSP-V-7, 10
17. DESIGN TEMPERATURE / PRESSURE 150°F / 150 PSIG UNLESS OTHERWISE NOTED.
18. PARKER FLUID CONNECTIONS HOSE ASSEMBLY F-304-01-06-12-12-12-64 & ADAPTER No 0103-12-12.
19. SET N_2 REGULATORS (CSP-PRV-51-60) @ 85 PSIG.

SCANNED