

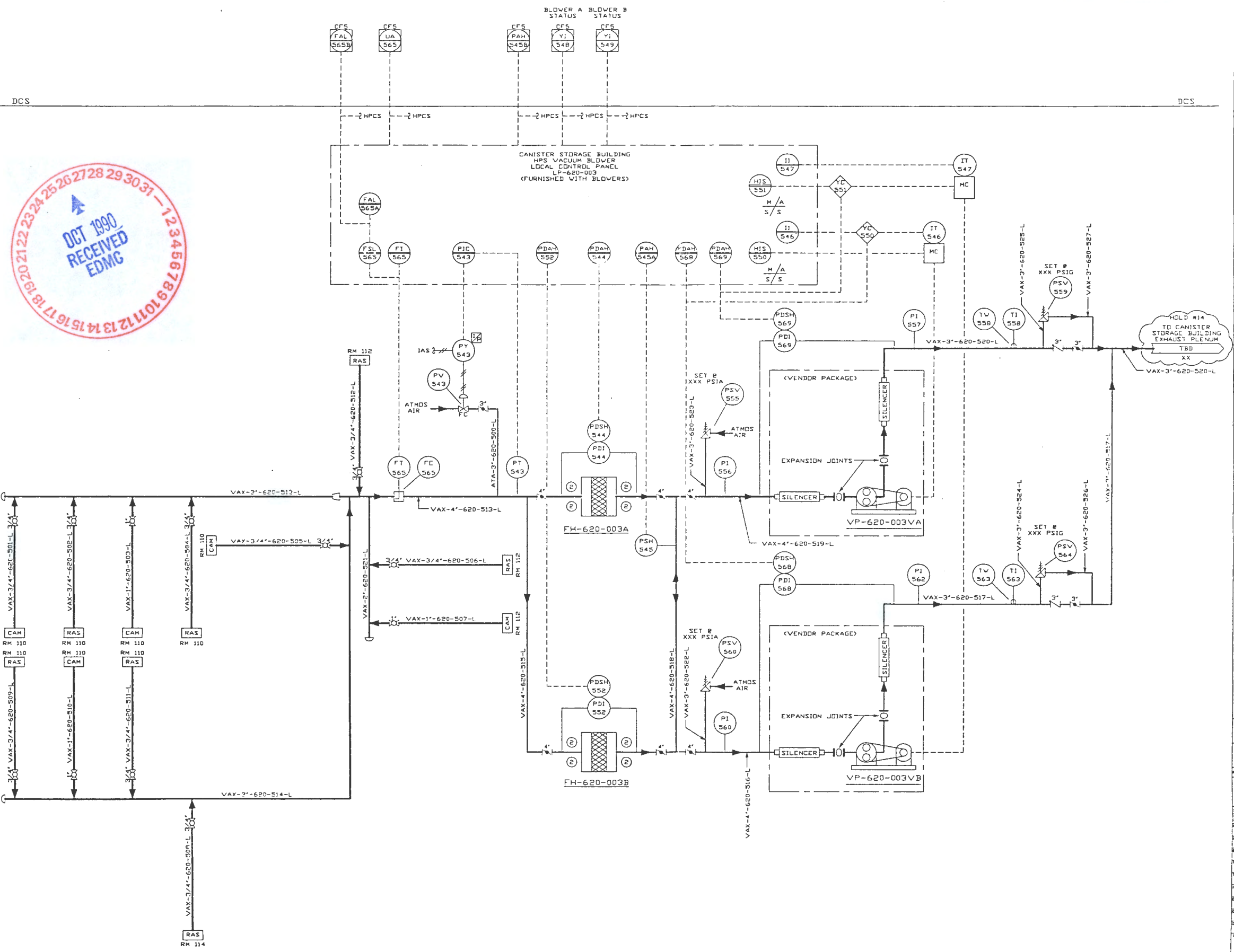
START

FH-620-003A/B
 CANISTER STORAGE BUILDING
 HPS VACUUM SYSTEM
 HEPA FILTER
 ALLOWABLE ΔP: 0.2 PSI
 DESIGN: 5 PSIG/FULL VACUUM @ 170°F
 FLOW: 50 SCFM EACH
 (2-100% 1 OPERATING, 1 SPARE)

VP-620-003VA/VB
 CANISTER STORAGE BUILDING
 HPS VACUUM BLOWER
 DESIGN: 50 SCFM EACH
 ΔP: 10.62 PSI
 HP: 16 EACH
 (2-100% 1 OPERATING, 1 SPARE)

GENERAL NOTES:
 A. FOR GENERAL NOTES REFER TO DWG H-2-123370-1

NOTES:
 ① FOR THE LOCATION OF HEALTH PROTECTION AREA CONTINUOUS AIR MONITORS (CAMs) AND RESIDUAL AIR SAMPLERS (RASs), REFER TO THE FOLLOWING DRAWINGS:
 DRAWING NO. DRAWING NAME
 H-2-121118-1 CANISTER STORAGE BLDG - FIRST FLOOR
 H-2-121118-2 CANISTER STORAGE BLDG - PARTIAL FIRST FLR
 ② FACTORY BUILT IN-PLACE CHALLENGE AEROSOL INLET PORTS, DIFFUSERS, SAMPLE TEST PORTS AND TEST SECTIONS UPSTREAM AND DOWNSTREAM SHALL BE PROVIDED FOR EACH HEPA FILTER.



SAFETY CLASS 3

REV. NO.	REV. DATE	DESCRIPTION	APPROVED
00		RELEASED FOR DETAIL DESIGN	
<p>U.S. DEPARTMENT OF ENERGY Richland Operations Office DE - AC06-86RL1083B</p> <p>FLUOR DANIEL INC. ADVANCED TECHNOLOGY DIVISION</p> <p>PIPING & INSTRUMENT DIAGRAM SYSTEM 62 HPS VACUUM SYSTEM CANISTER STORAGE BUILDING</p>			
ENGINEERING RELEASE	DATE		
REV. DATE			
ERD			
DESIGNER	DATE		
CHECKED	DATE		
APPROVED	DATE		
PROJECT TITLE	PROJECT NO.	PROJECT DATE	PROJECT LOCATION
K. MEHTA	4/17/90	HANFORD WASTE VITRIFICATION PLANT	
S. LEE	7/17/90	PROJECT NO. B-595	FLUOR CONTRACT NO. 8457
T. SHIRLEY	7/27/90	SCALE NONE	SHEET NO. 3227
CLASSIFIED	NOT REC'D	DWG. NO. H-2-123370	SHEET NO. 5
			OF 7
			00