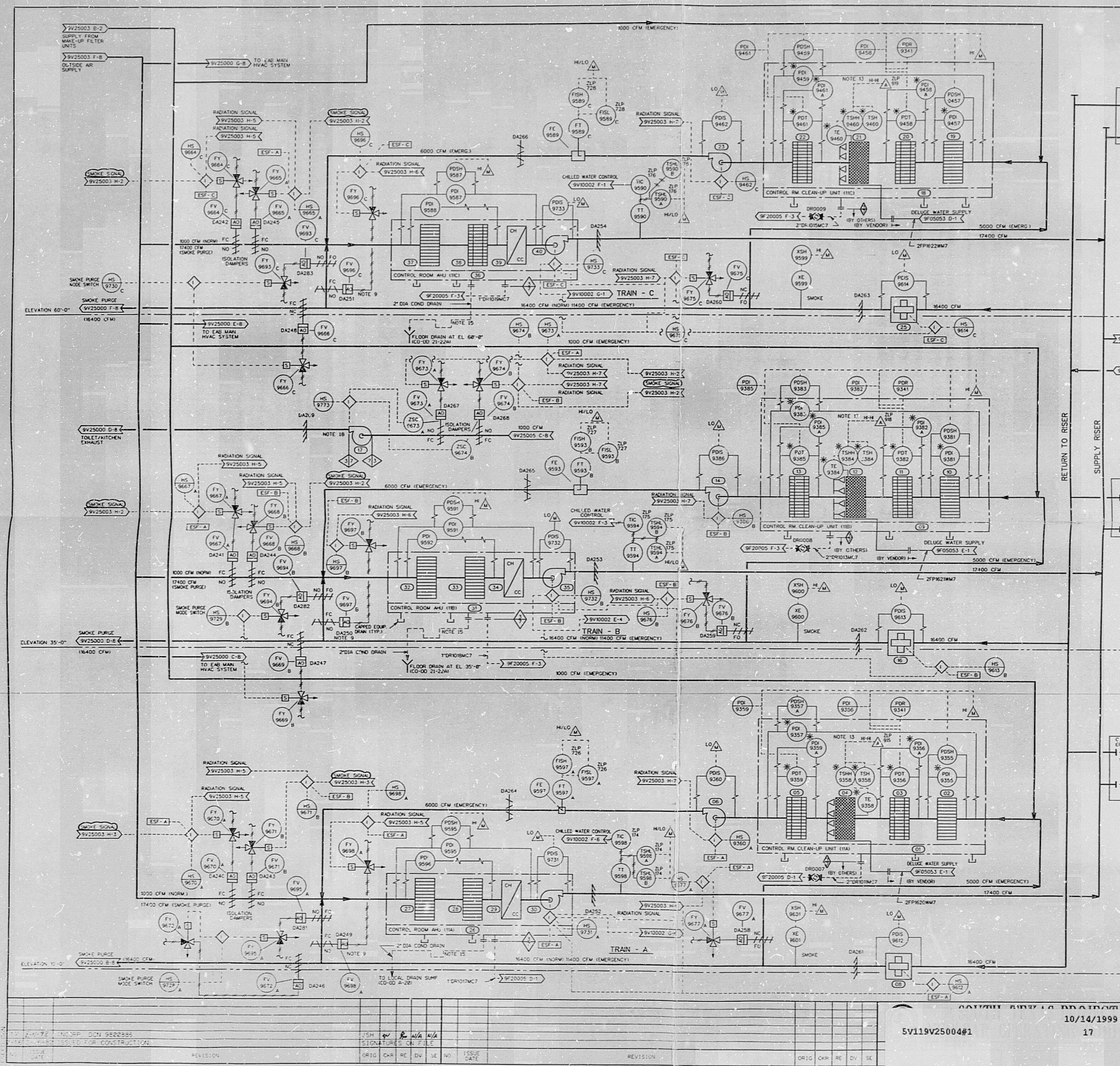




EQUIPMENT NUMBERING INDEX		
KEY NO	EQUIPMENT NUMBER	DESCRIPTION
01	3V11V XV001	CLEAN-UP FILTER UNIT (TRAIN A) (11A)
02	3V11V FD007	UNIT (07) PRE-FILTER (11A)
03	3V11V FC004	UNIT (04) CARBON FILTER (11A)
04	3V11V FC005	UNIT (05) CARBON FILTER (11A)
05	3V11V FD009	UNIT (09) EPA FILTER (11A)
06	3V11V FD007	CLEAN-UP FAN (TRAIN A) (11A)
07		
08	3V11V FD025	RETURN FAN (TRAIN A) (11A)
09	3V11V XV002	CLEAN-UP FILTER UNIT (TRAIN B) (11B)
10	3V11V FD008	UNIT (08) PRE-FILTER (11B)
11	3V11V FD017	UNIT (17) EPA FILTER (11B)
12	3V11V FC005	UNIT (05) CARBON FILTER (11B)
13	3V11V FD020	UNIT (20) EPA FILTER (11B)
14	3V11V FD008	CLEAN-UP FAN (TRAIN B) (11B)
15		
16	3V11V FD026	RETURN FAN (TRAIN B) (11B)
17	3V11V FD039	KITCHEN/TOILET EXHAUST FAN
18	3V11V XV003	CLEAN-UP FILTER UNIT (TRAIN C) (11C)
19	3V11V FD009	UNIT (09) PRE-FILTER (11C)
20	3V11V FD018	UNIT (18) EPA FILTER (11C)
21	3V11V FC006	UNIT (06) CARBON FILTER (11C)
22	3V11V FD021	UNIT (21) EPA FILTER (11C)
23	3V11V FD009	CLEAN-UP FAN (TRAIN C) (11C)
24		
25	3V11V FD027	RETURN FAN (TRAIN C) (11C)
26	3V11V FD027	AIR HANDLING UNIT (TRAIN A) (11A)
27	3V11V FD025	UNIT (25) PRE-FILTER (11A)
28	3V11V FD026	UNIT (26) HIGH EFF. FILTER (11A)
29	3V11V FD026	UNIT (26) COOLING COIL (11A)
30	3V11V FD027	UNIT (27) SUPPLY FAN (11A)
31	3V11V FD027	AIR HANDLING UNIT (TRAIN B) (11B)
32	3V11V FD027	UNIT (32) PRE-FILTER (11B)
33	3V11V FD028	UNIT (33) HIGH EFF. FILTER (11B)
34	3V11V FD027	UNIT (34) COOLING COIL (11B)
35	3V11V FD028	UNIT (35) SUPPLY FAN (11B)
36	3V11V FD029	AIR HANDLING UNIT (TRAIN C) (11C)
37	3V11V FD029	UNIT (37) PRE-FILTER (11C)
38	3V11V FD030	UNIT (38) HIGH EFF. FILTER (11C)
39	3V11V FD030	UNIT (39) COOLING COIL (11C)
40	3V11V FD030	UNIT (40) SUPPLY FAN (11C)

- NOTES:
1. ALL SYSTEMS SHOWN ARE SAFETY CLASS 3 EXCEPT THOSE NOTED WHICH ARE CLASS 1 AND 2. ALL INSTRUMENTS AND VALVES ARE DESIGNED TO MEET QUALITY CLASS 3 REQUIREMENTS.
 2. ALL DAMPER NUMBERS SHOWN HAVE PREFIX 3V11V.
 3. FOR UNIT NO. 2 ALL EQUIPMENT NUMBER PREFIXES WILL BE XXXXXXXX.
 4. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR "H".
 5. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP "N" UNLESS OTHERWISE NOTED AT 3 O'CLOCK POSITION.
 6. INSTRUMENTS MARKED WITH "N" ARE FURNISHED BY THE CORRESPONDING EQUIPMENT VENDOR.
 7. ROOM NUMBERS ARE AS SHOWN ON ARCHITECTURAL DRAWINGS.
 8. DELETED.
 9. RETURN DAMPERS DA249, 250 & 251 REMAIN PARTLY OPEN IN FC MODE.
 10. ALL AIR FLOW CMFS SHOWN ARE AT STANDARD CONDITIONS (70°F).
 11. ALL EQUIPMENT DRAWING SHOWN ARE 2" SIZE, UNLESS OTHERWISE NOTED.
 12. ALL OUTSIDE AIR SUPPLY EXHAUST AIR & SMOKE PURGE DAMPERS ARE BUBBLE TIGHT.
 13. ALL ANNUNCIATORS WILL BE DISPLAYED ON THE LOCAL FIRE CONTROL PANEL & TRANSMITTED TO A CRT DISPLAY IN THE CONTROL ROOM.
 14. ALL FIRE PROTECTION PIPING IS QUALITY CLASS 3.
 15. CONDENSATE DRAIN LINES ARE OF PVC PIPE UNLESS OTHERWISE NOTED. PVC DRAIN PIPING IS TO BE FIELD ROUTED TO THE FLOOR DRAIN OR SHOWN AS SHOWN.
 16. FOR CONTROL ROOM ENVELOPE HVAC SYSTEM, INSTRUMENTAL AIR FLOW QUANTITIES SET THE HS BUILD CONDITION SHOWN ON THE FINAL AIR BALANCING REPORT (C030-01-00002-01) FOR UNIT 1.
 17. THE OUTSIDE AIR FLOW DURING NORMAL OPERATION WILL NOT EXCEED 4000 CFM UNDER ANY CONDITION. IN ORDER TO KEEP TOXIC GAS CONCENTRATIONS IN THE ENVELOPE BELOW CRITICAL LEVELS IN CASE OF UNDETECTED TOXIC GASES IN THE OUTSIDE AIR.
 18. KITCHEN AND TOILET EXHAUST FAN IS IN LINE, CENTRIFUGAL TYPE WITH SOFT START.

REFERENCE:		
D-1-00001	P&ID STANDARD ABBREVIATIONS & SYMBOLS	
G-1-00002	P&ID STANDARD ABBREVIATIONS & SYMBOLS	
H-1-00003	ESSENTIAL LOW CPM SYSTEM P&ID	
H-2-00004	P&ID EAB MAIN AREA	

SCALE	DWG NO	REV
NONE	5V119V25004#1	17

APERTURE CARD
9910250171

SYNOPSIS: 5V119V25004#1	10/14/1999	17
REVISION	ORIG	CHK
REVISION	ORIG	CHK

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PDR RIDS

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