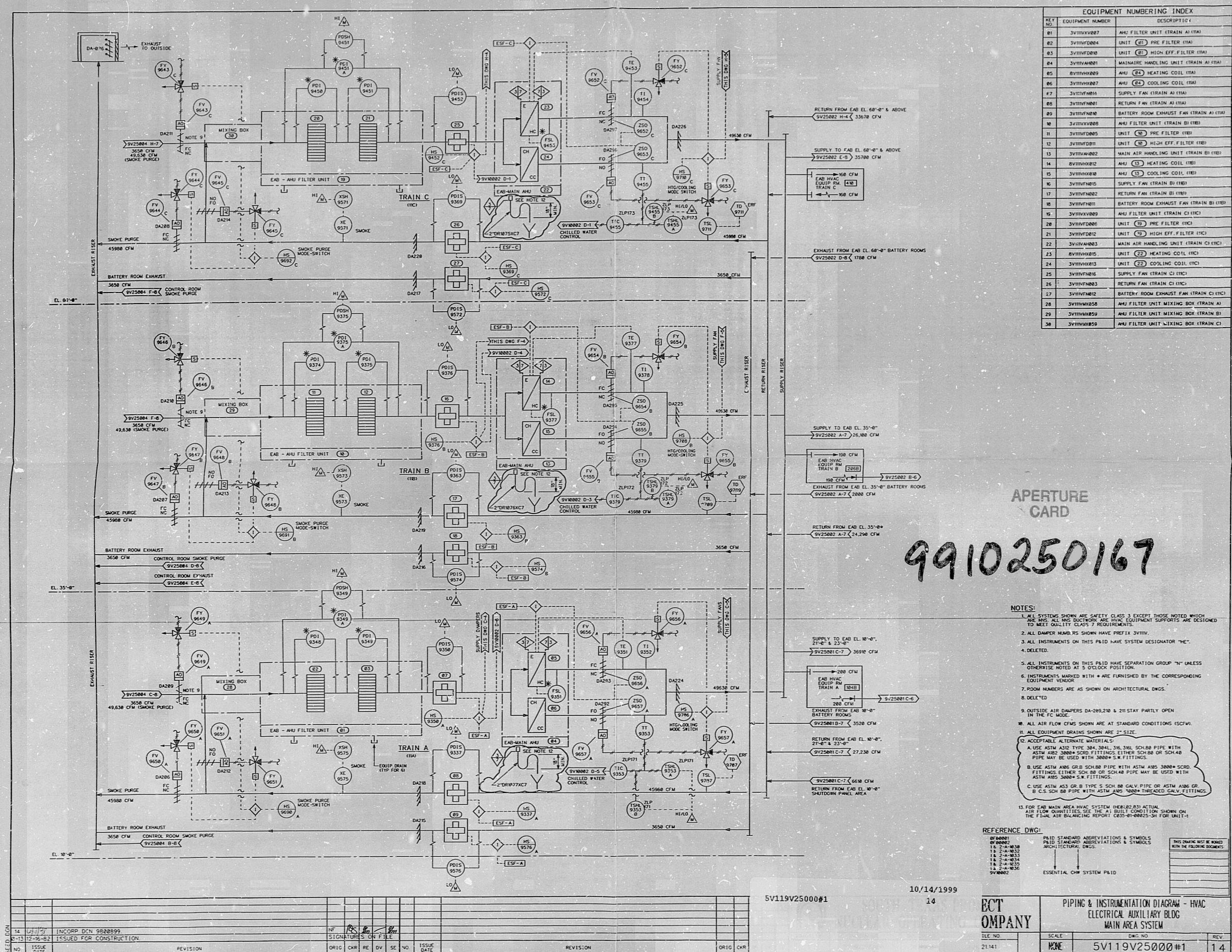




EQUIPMENT NUMBERING INDEX		
KEY	EQUIPMENT NUMBER	DESCRIPTION
81	3V11VH007	AIR FILTER UNIT (TRAIN A) (11A)
82	3V11VH004	UNIT (67) PRE FILTER (11A)
83	3V11VH005	UNIT (67) HIGH EFF. FILTER (11A)
84	3V11VH001	MAINFRAME HANDLING UNIT (TRAIN A) (11A)
85	8V11VH009	AIR (82) HEATING COIL (11A)
86	3V11VH007	AIR (82) COOLING COIL (11A)
87	3V11VH014	SUPPLY FAN (TRAIN A) (11A)
88	3V11VH001	RETURN FAN (TRAIN A) (11A)
89	3V11VH006	BATTERY ROOM EXHAUST FAN (TRAIN A) (11A)
90	3V11VH008	AIR FILTER UNIT (TRAIN B) (11B)
91	3V11VH005	UNIT (68) PRE FILTER (11B)
92	3V11VH001	UNIT (68) HIGH EFF. FILTER (11B)
93	3V11VH002	MAIN AIR HANDLING UNIT (TRAIN B) (11B)
94	8V11VH012	AIR (13) HEATING COIL (11B)
95	3V11VH018	AIR (13) COOLING COIL (11B)
96	3V11VH015	SUPPLY FAN (TRAIN B) (11B)
97	3V11VH002	RETURN FAN (TRAIN B) (11B)
98	3V11VH011	BATTERY ROOM EXHAUST FAN (TRAIN B) (11B)
99	3V11VH009	AIR FILTER UNIT (TRAIN C) (11C)
100	3V11VH006	UNIT (69) PRE FILTER (11C)
21	3V11VH012	UNIT (69) HIGH EFF. FILTER (11C)
22	3V11VH003	MAIN AIR HANDLING UNIT (TRAIN C) (11C)
23	8V11VH015	AIR (22) HEATING COIL (11C)
24	3V11VH013	UNIT (22) COOLING COIL (11C)
25	3V11VH016	SUPPLY FAN (TRAIN C) (11C)
26	3V11VH003	RETURN FAN (TRAIN C) (11C)
27	3V11VH012	BATTERY ROOM EXHAUST FAN (TRAIN C) (11C)
28	3V11VH050	AIR FILTER UNIT MIXING BOX (TRAIN A)
29	3V11VH050	AIR FILTER UNIT MIXING BOX (TRAIN B)
30	3V11VH050	AIR FILTER UNIT MIXING BOX (TRAIN C)

APERTURE
CARD

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NOTES:

1. ALL SYSTEMS SHOWN ARE SAFETY CLAS 3 EXCEPT THOSE NOTED WHICH ARE ALL INS AND OUTDOOR AND EQUIPMENT SUPPORTS ARE DESIGNED TO MEET CLAS 3 AND 7 REQUIREMENTS.
2. ALL DRAWING NUMBERS SHOWN HAVE PREFIX 370111.
3. ALL INSTRUMENTS ON THIS PAID HAVE SYSTEM DESIGNATOR "H" AND 4. DELETED.
5. ALL INSTRUMENTS ON THIS PAID HAVE SEPARATION GROUP "N" UNLESS OTHERWISE NOTED AT 5.0 CLOSER POSITION.
6. INSTRUMENTS MARKED WITH "A" ARE FURNISHED BY THE CORRESPONDING EQUIPMENT VENDOR.
7. ROOM NUMBERS ARE AS SHOWN ON ARCHITECTURAL DWGS.
8. DELETED.
9. OUTSIDE AIR DAMPERS DA-208,210 & 215 PARTLY OPEN AT 50% CLOSE.
10. ALL AIR FLOW CAPS DA-208,210 & 215 STATUS POSITION (SCFV).
11. ALL EQUIPMENT DRAINS SHOWN ARE 2" SIZE.
12. ACCEPTABLE ALTERNATE MATERIALS:
 - A. USE ASTM A302 TYPE 304, 304L, 316, 316L, 308 OR SCH 40 PIPE WITH ASTM A308 OR SCH 40 OR SCH 160 PIPE OR SCH 40 PIPE WITH ASTM A308 OR SCH 40 PIPE WITH ASTM A308 & 308 & 316 FITTINGS.
 - B. USE ASTM A95 OR SCH 40 PIPE WITH ASTM A308 AND 308 & 316 FITTINGS. EITHER SCH 40 OR SCH 160 PIPE MAY BE USED WITH ASTM A308 & 308 & 316 FITTINGS.
 - C. USE ASTM A53 GR B TYPE S SCH 80 GALV PIPE OR ASTM A53 GR B, C SCH 80 GALV PIPE WITH ASTM A308 THREADED GALV FITTINGS.
13. FOR FAN WASH AREA HVAC SYSTEM (DELETED) 370111 ACTUAL AIR FLOW QUANTITIES, SEE THE AS1 BUILDING CONDITION SHOWN ON AIR FLOW BALANCING REPORT: CDS-370111-BNCS-370111-01 FOR UNIT-1.

REFERENCE DWG:

0F00001	P&ID STANDARD	ABBREVIATIONS & SYMBOLS
0F00002	P&ID STANDARD	ABBREVIATIONS & SYMBOLS
1A 2-A-0030	ARCHITECTURAL	DWS.
1A 2-A-0032		
1A 2-A-0033		
1A 2-A-0034		
1A 2-A-0035		
1A 2-A-0036		
9V00002	ESSENTIAL CHW	SYSTEM P&ID

ECT COMPANY

PIPING & INSTRUMENTATION DIAGRAM - HVAC
ELECTRICAL AUXILIARY BLDG
MAIN AREA SYSTEM

FILE NO.	SCALE	DWG NO.	REV.
21.141	NONE	5V119V25000#1	1

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PDR RIDS

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