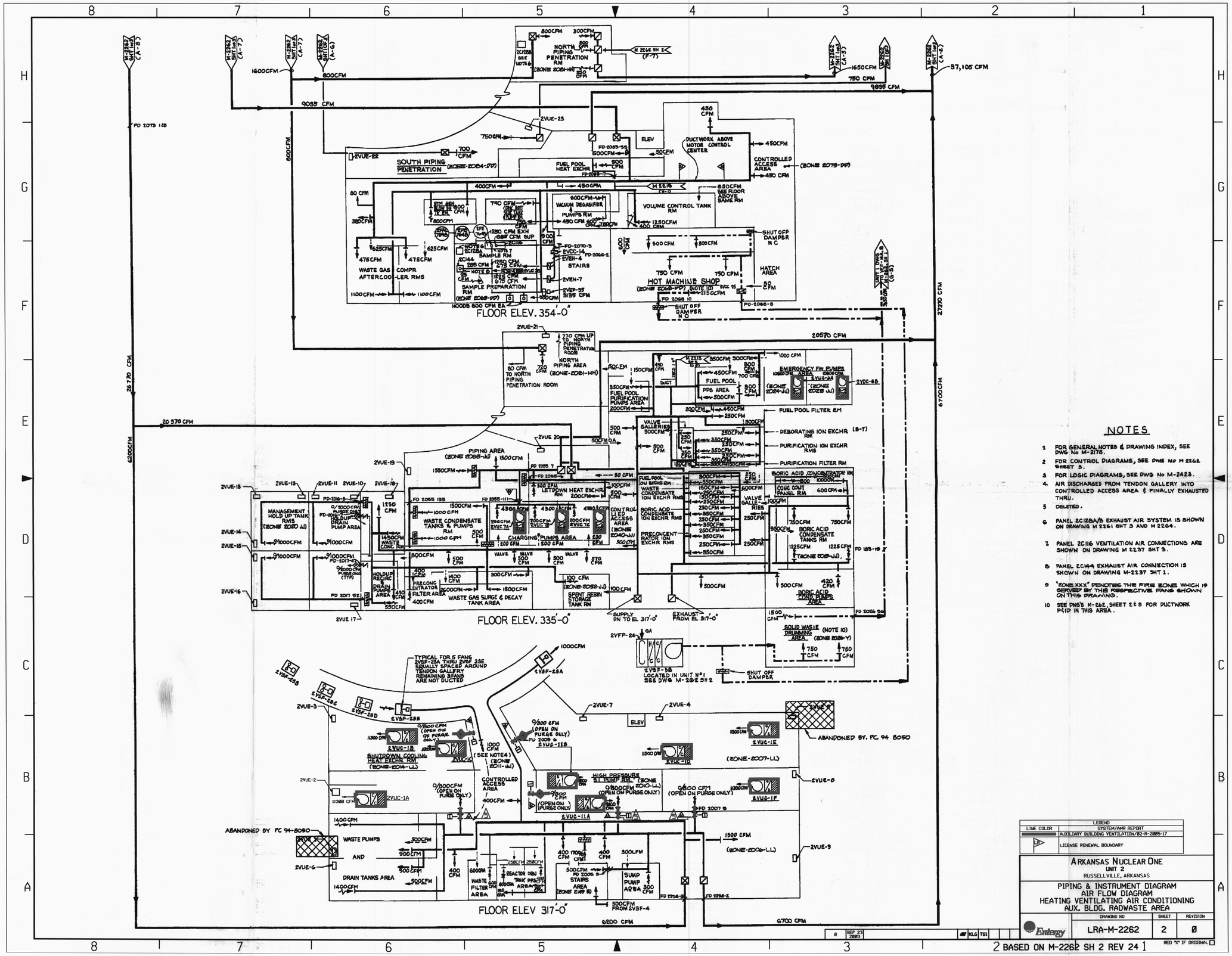
FLOOR ELEV. 354'-0"
FLOOR ELEV. 335'-0"
FLOOR ELEV 317'-0"
SOUTH PIPING PENETRATION
NORTH PIPING PENETRATION RM
HOT MACHINE SHOP
WASTE GAS AFTERCOOLER
COMPR RMS
SAMPLE RM
SAMPLE PREPARATION
STAIRS
ELEV
VOLUME CONTROL TANK RM
VACUUM DEGASSIFIER
PUMPS RM
FUEL POOL HEAT EXCHR
CONTROLLED ACCESS AREA
HATCH AREA
NORTH PIPING AREA
FUEL POOL PURIFICATION PUMPS AREA
FUEL POOL
PPS AREA
EMERGENCY FW PUMPS
FUEL POOL FILTER RM
DEBORATING ION EXCHR RM
PURIFICATION ION EXCHR RMS
PURIFICATION FILTER RM
VALVE GALLERIES
PIPING AREA
MANAGEMENT HOLD UP TANK RMS
WASTE CONDENSATE TANKS & PUMPS RM
LETDOWN HEAT EXCHR RM
CHARGING PUMPS AREA
WASTE GAS SURGE & DECAY TANK AREA
SPENT RESIN STORAGE TANK RM
BORIC ACID CONDENSATE TANKS RM
BORIC ACID CONC PUMPS AREA
SOLID WASTE DRUMMING AREA
SHUTDOWN COOLING HEAT EXCHR RM
HIGH PRESSURE SI PUMP RM
WASTE PUMPS AND DRAIN TANKS AREA
WASTE FILTER AREA
SUMP PUMP AREA
ABANDONED BY PC 94-8050
ABANDONED BY PC 94-8080
TYPICAL FOR 5 FANS 2VSF-25A THRU 2VSF 25E EQUALLY SPACED AROUND TENDON GALLERY REMAINING FANS ARE NOT DUCTED
2VSF-5B LOCATED IN UNIT N°1 SEE DWG M-2262 SH 2
SUPPLY DN TO EL 317'-0"
EXHAUST FROM EL 317'-0"
37,105 CFM
20570 CFM
20 570 CFM
6700 CFM
6200 CFM
2720 CFM
25 770 CFM
9035 CFM
9895 CFM
1600CFM
800CFM
1650CFM
750 CFM
NOTES
1 FOR GENERAL NOTES & DRAWING INDEX, SEE DWG No M-2176.
2 FOR CONTROL DIAGRAMS, SEE DWG No M 2262 SHEET 3.
3 FOR LOGIC DIAGRAMS, SEE DWG No M-2423.
4. AIR DISCHARGED FROM TENDON GALLERY INTO CONTROLLED ACCESS AREA & FINALLY EXHAUSTED THRU.
5 DELETED.
6 PANEL 2C12BA/B EXHAUST AIR SYSTEM IS SHOWN ON DRAWING M 2261 SHT 3 AND M 2264.
7. PANEL 2C116 VENTILATION AIR CONNECTIONS ARE SHOWN ON DRAWING M 2237 SHT 3.
8 PANEL 2C144 EXHAUST AIR CONNECTION IS SHOWN ON DRAWING M-2237 SHT 1.
9 "ZONE XXX" DENOTES THE FIRE ZONE WHICH IS SERVED BY THE RESPECTIVE FANS SHOWN ON THIS DRAWING.
10 SEE DWG'S M-262, SHEET 2 & 3 FOR DUCTWORK P&ID IN THIS AREA.
LEGEND
LINE COLOR
SYSTEM/AMR REPORT
AUXILIARY BUILDING VENTILATION/82-R-2005-17
LICENSE RENEWAL BOUNDARY
ARKANSAS NUCLEAR ONE
UNIT 2
RUSSELLVILLE, ARKANSAS
PIPING & INSTRUMENT DIAGRAM
AIR FLOW DIAGRAM
HEATING VENTILATING AIR CONDITIONING
AUX. BLDG. RADWASTE AREA
Entergy
DRAWING NO
SHEET
REVISION
LRA-M-2262
2
0
RED "X" IF ORIGINAL
BASED ON M-2262 SH 2 REV 24 1
SEP 23 2003

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