

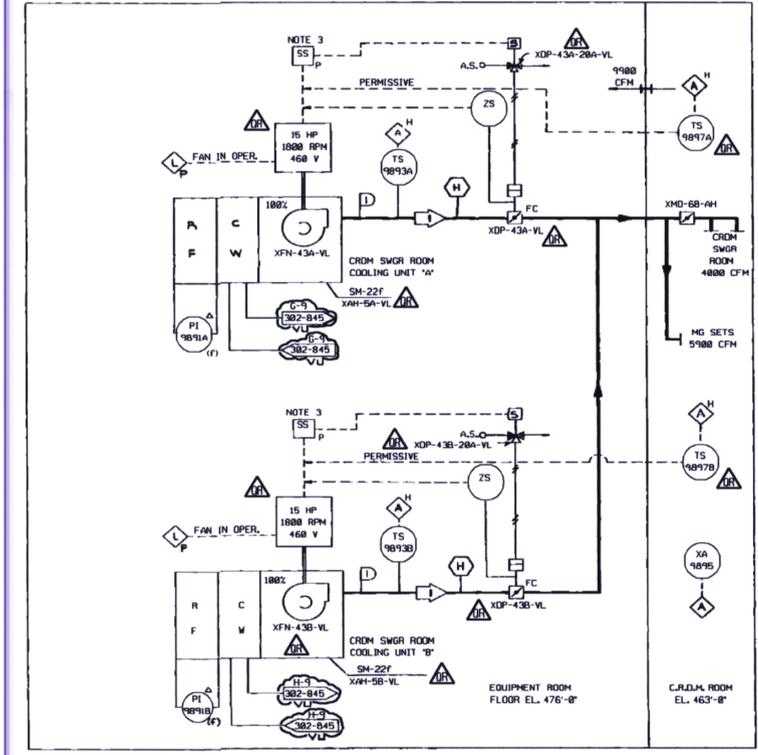
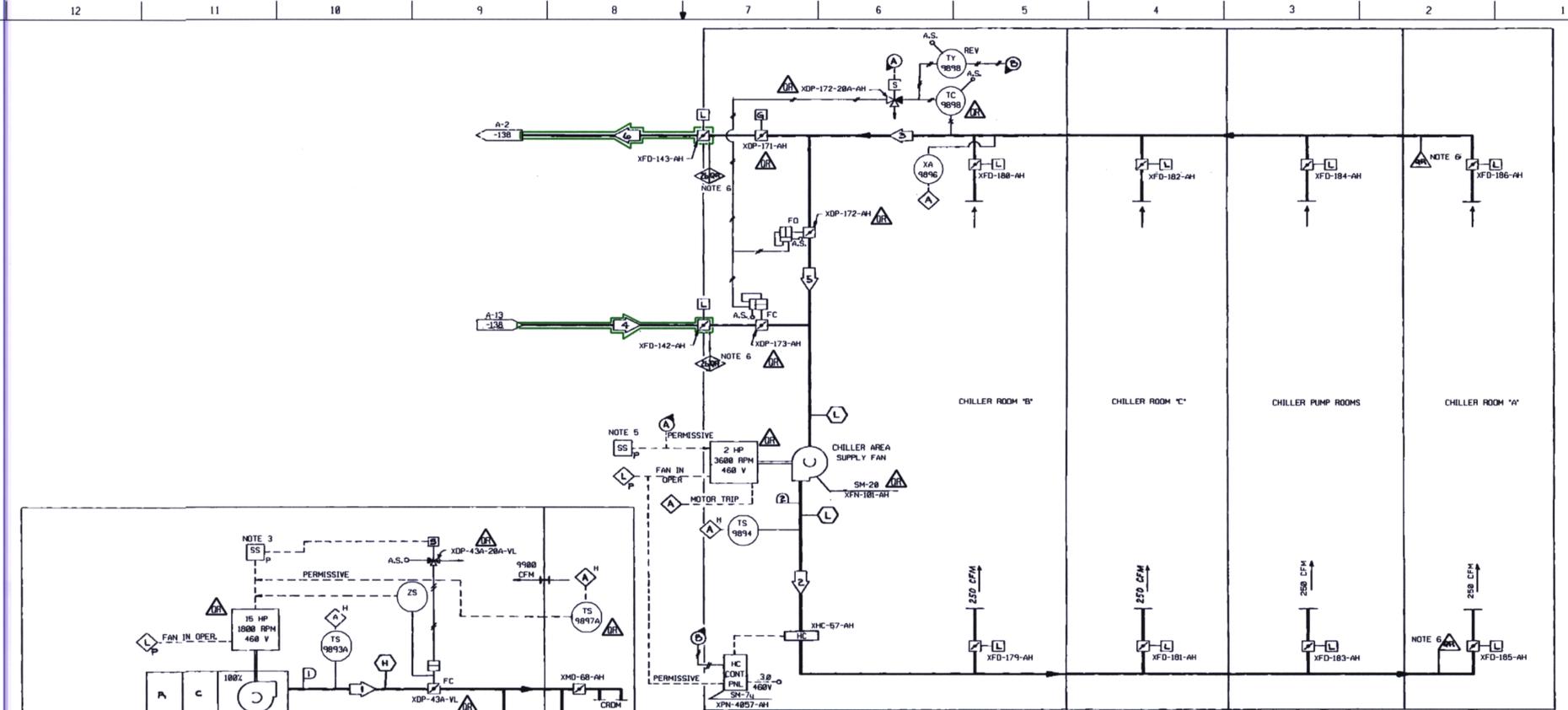
**SYSTEM OPERATING DATA**

NO.	AIR FLOW CFM	AIR TEMP. °F
1	9980	54.5
2	1000	65/95
3	1000	65/104
4	1000 TO 0	19/95
5	0 TO 1000	65/95
6	1000 TO 0	65/104

**SAFETY CLASS VERIFICATION**  
 ORIGINATED BY [Signature]  
 REVIEWED BY [Signature]

**SYSTEM DESIGN DATA**

NO.	AIR FLOW CFM	AIR TEMP. °F
1	9980	54.5
2	1000	65/95



**WATER CHILLER AREA VENTILATION SYSTEM**  
 INTERMEDIATE BUILDING EL. 412'-0"

- NOTES:**
- EXCEPT WHERE NOTED OTHERWISE ALL ALARMS AND INDICATING LIGHTS ARE LOCATED AT THE HVAC CONTROL BOARD (XCP-6218-AH) IN THE MAIN CONTROL ROOM.
  - (1) INDICATES INSTRUMENT IS FURNISHED WITH EOPT.
  - CRDM SWGR ROOM AIR HANDLING UNIT CONTROL SWITCHES AND MOTOR STATUS LIGHTS ARE LOCATED ON LOCAL PANEL XPN-5134-VL.
  - FOR SAFETY CLASSIFICATION OF INSTRUMENTATION, SEE THE INSTRUMENT LIST.
  - WATER CHILLER AREA VENTILATING FAN CONTROL SWITCH AND MOTOR STATUS LIGHTS ARE LOCATED ON LOCAL PANEL XPN-5193-AH.
  - ALL DUCTWORK IDENTIFIED AS OR TO BE PER DRP-4
  - ALL EQUIPMENT IDENTIFIED AS OR TO BE PER TRP-31

"QUALITY RELATED - FABRICATION, ERECTION AND INSPECTION PER SCE&G DRP FOR HVAC DUCTS AND SUPPORTS."

ALL SYSTEM COMPONENTS ARE NON NUCLEAR SAFETY, EXCEPT AS NOTED.

D-121

PLEX Drawing TR00160-007

THIS IS A NUCLEAR SAFETY RELATED DOCUMENT NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.

DRIVING CLASS LEGIBILITY I

SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 VIREIL C. SUMNER NUCLEAR STATION  
 BUILDING SERVICE SYSTEM FLOW DIAGRAM  
 CRDM SWITCHGEAR ROOM COOLING SYSTEM  
 AND WATER CHILLER AREA VENTILATION SYSTEM

NO.	DATE	BY	REVISION	CHK. BY	APPROVAL
10	08/10/00	AVN	REVISED PER NRP-34054	JHR	DJC
9	04/27/00	JMH	REVISED PER CGSS-93-0328	RHM	GAA

ACI	RHM	DJC			
D-912-139					
NO.	DATE	BY	REVISION	CHK. BY	APPROVAL