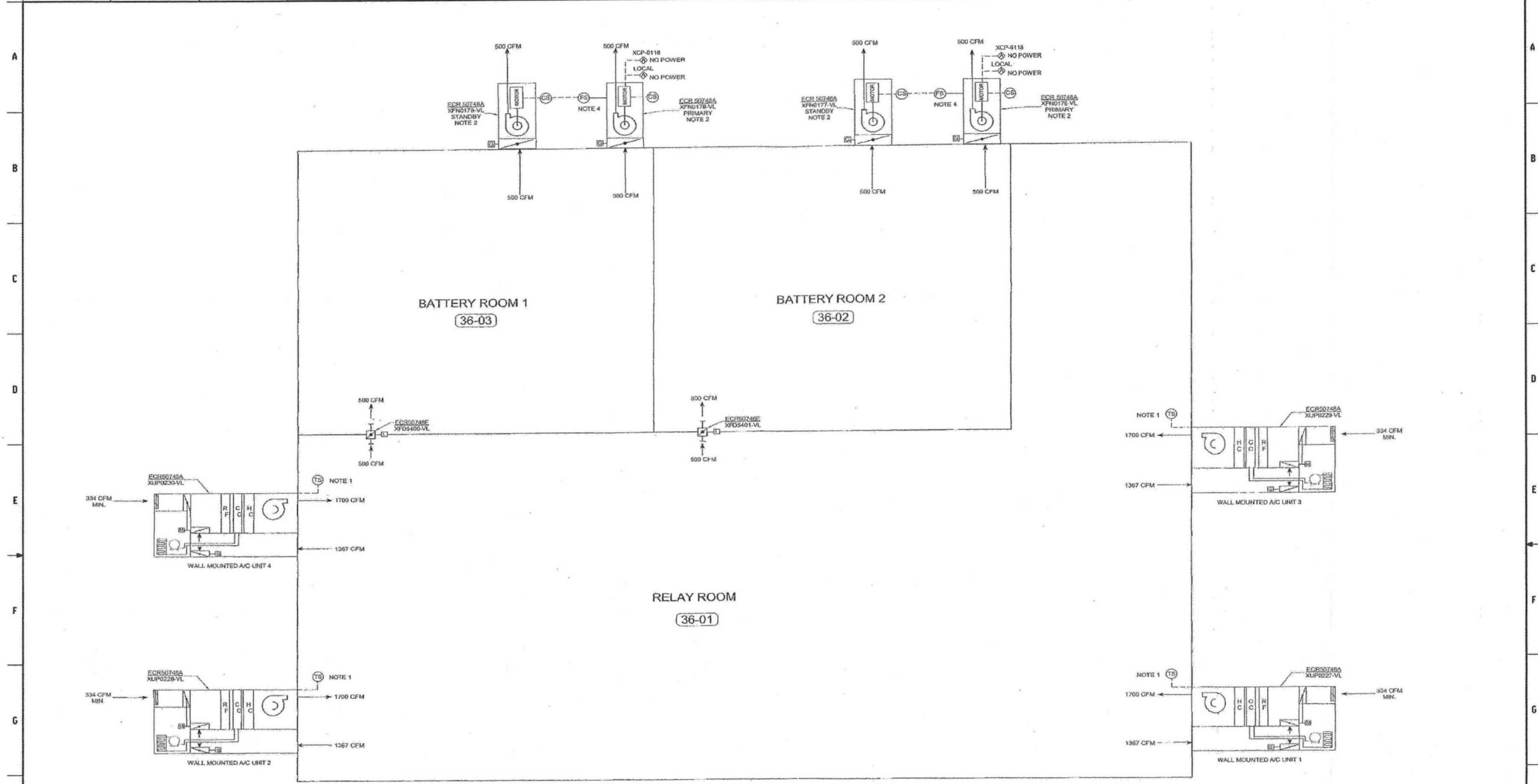


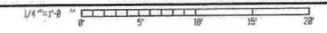
17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



UNIT 1 RELAY HOUSE FLOW DIAGRAM

- NOTES:
1. AIR CONDITIONING UNITS ARE FOUR (4) 225 CAPACITY UNITS. EACH UNIT IS A SELF CONTAINED UNIT WITH AIR CONDITIONING AND HEATING EQUIPMENT. EACH UNIT HAS ITS OWN WALL MOUNTED THERMOSTAT. UNITS HAVE BUILT IN ECONOMIZER WITH EXHAUST DAMPER. THE UNITS ARE 5 TON UNITS WITH 6 KW HEATERS, BARD MODEL WASS1-COEEF000X.
 2. EACH BATTERY ROOM HAS TWO (2) 100% EXHAUST FANS. ONE FAN IS RUNNING WHILE THE OTHER IS IN STANDBY. LOSS OF FLOW TO THE PRIMARY FAN AUTOMATICALLY STARTS THE STANDBY FAN. THE FANS ARE GREENHECK MODEL CW-059-B.
 3. EACH BATTERY ROOM HAS A TRANSFER DUCT FROM THE RELAY ROOM. THIS PROVIDES CONDITIONED AIR FROM THE RELAY ROOM FOR COOLING AND HEATING.
 4. SAK SWITCH SUPPLIED WITH FANS. REFERENCE DRAWING E-229-156.

ALL SYSTEM COMPONENTS ARE NON-NUCLEAR SAFETY CLASS



ESSENTIAL

DRAWING LEGIBILITY CLASS 1
SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CHK. BY	APPROVAL
B	4/7/84	TGB	ISSUED PER ECR-08748	MGR	JWL

RN 12-001		
FSAR Figure 9.4-26d		
SOUTH CAROLINA ELECTRIC & GAS COMPANY		
VIRGINIA C. SIMPSON NUCLEAR STATION		
BUILDING SERVICE SYSTEM FLOW DIAGRAM		
UNIT 1 RELAY HOUSE		
HVAC		
DESIGN ENGINEERING		
V.C. SIMPSON NUCLEAR STATION, JENNINGSVILLE, S.C.		
MADE	CHECKED	LE. APPROVAL
TGB	MGR	JWL
E-912-191		
NO. WALL	REV.	REV.