



ESTIMATED COOLING LOAD

SENSIBLE HEAT	118,000 BTU/HR
LATENT HEAT	5,800 BTU/HR
VENTILATING AIR (5,100 T.H.)	218,000 BTU/HR
TOTAL	325,800 BTU/HR

COOLING AIR SUPPLY

QUANTITY	5,100 CFM
TEMP. DRY BULB	57 F
TEMP. WET BULB	56 F

LR NOTE:
PLEASE REFER TO DRAWING LR-18000-C SHEETS 1 AND 2 FOR
LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

NOTES

- FURNISHED BY AIR CONDITIONING CONTRACTOR
- J & K BOILER FOR TEMPERATURE CONTROLS REFER TO HONEYWELL DWG. #35-67055 SHT. 2 & 4
- FURNISHED BY KEWAWNEE MFG. CO.
- LOCATED ON LOCAL FIRE PANEL-PANEL #1 FOR SMOKE ZONE #1, PANEL #2 FOR SMOKE ZONE #2, & PANEL #3 FOR SMOKE ZONE #3
- DAMPERS CONNECTED BY LINKAGE WITH REMOTE OPERATOR.
- ELECTRICALLY RETIRED IN PLACE
- THE HVAC FLOW RATES LISTED ON THIS P&ID ARE SYSTEM DESIGN TARGET VALUES TO BE USED AS REFERENCE POINTS FOR INITIAL AND/OR PERIODIC FLOW BALANCING AND ARE NOT LIMITING REQUIRED VALUES.

NOTE: THIS DRAWING WAS CREATED USING
COMPUTER AIDED DRAFTING
DO NOT MAKE MANUAL CHANGES

CONSTELLATION ENERGY GROUP		STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1	
APP	APP	TURBINE BUILDING HEATING COOLING AND VENTILATING SYSTEMS AIR CONDITIONING SYS. FOR LAB. AREAS	
APP	DATE	P & I DIAGRAM	
DES	DR	DWG NO	INDEX
HF	SCALE	LR-18021-C	2 0

DOHS