

EQUIPMENT NUMBERING INDEX

KEY NO.	EQUIPMENT NUMBER	DESCRIPTION
01	3400 CFM	REHEAT COIL
02	330 CFM	REHEAT COIL
03	330 CFM	REHEAT COIL
04	3400 CFM	COMPUTER RM AND
05	3400 CFM	UNIT HIGH EFF. FILTER
06	3400 CFM	UNIT COOLING COIL
07	3400 CFM	UNIT HEATING COIL
08	3400 CFM	UNIT HUMIDIFIER
09	3400 CFM	UNIT SUPPLY FAN
10	3400 CFM	COMPUTER RM AND (STANDARD) UNIT
11	3400 CFM	UNIT HIGH EFF. FILTER
12	3400 CFM	UNIT COOLING COIL
13	3400 CFM	UNIT HEATING COIL
14	3400 CFM	UNIT HUMIDIFIER
15	3400 CFM	UNIT SUPPLY FAN
16	3400 CFM	REHEAT COIL

ROOM NUMBER INDEX

ROOM NO.	ELEV.	DESCRIPTION
202	15' 0"	RELAY ROOM
203		CO. TAG. ROOM
208		RESULTS ENGR. OFFICE
214		NEWS TOL.ET.
205		HALLWAY/LOBBY
213A		HALLWAY
200		KITCHEN
208		DRIFT ENGR. OFFICE
209		DRIFT ENGR. OFFICE
212		WOMEN'S BATH AND T.O.I.E.T.
211		WOMEN'S BATH
210		COMPUTER ROOM

NOTES:

- ALL SYSTEMS SHOWN ARE SOCIETY CLASS 2 EXCEPT THE REHEAT COILS AND COMPUTER ROOM WHICH ARE SOCIETY CLASS 1. ALL ARE OUTDOOR AIR TO CONTROL ROOMS. ALL SYSTEMS SUPPORTS BEHIND TO ALL QUALITY LOSS REQUIREMENTS.
- ALL AIR FLOW CFM SHOWN AT STANDARD CONDITIONS (70°F).
- ALL EQUIPMENT DIAMS SHOWN ARE 1" SIZE.
- ALL DAMPER ACT'S SHOWN HAVE THE PROPER SYSTEM.
- ROOM NO'S ARE AS SHOWN ON ARCHITECTURAL DRES.
- FOR UNIT AND ALL EQUIPMENT NO. PARTS WILL BE SPECIFIED.
- ALL INSTRUMENTS ON THIS PFD HAVE SYSTEM DESIGNATION "M".
- ALL INSTRUMENTS ON THIS PFD HAVE SEPARATION GROUP "M" UNLESS OTHERWISE NOTED AT 5' O.C.C.E.T. POSITION.
- THESE DAMPERS ARE INTERLOCKED WITH FIRE DETECTION SYSTEM TO CLOSE DAMPER ON FIRE DETECTION.
- MAKE ON ROOM FLOOR FIRE PROTECTION PANEL ZLP-817 CLOSE DAMPER ON WELDN DETECTION.
- THIS SYSTEM IS INSTALLED ON UNIT 1 ONLY. POWER CONTROL DAMPER HEATER DISCONNECTED TO HEATER CONTROL ROOM. DAMPER HEATER SHOULD ALL HEATERS FAIL TO ENERGIZED POSITION. HEATER MAY BE REMOVED IN THE FUTURE. A USED AS A SHUNT UNIT 2 HEATER IS NOT TO BE INSTALLED AND TO USED AS SHUNT.

ANSTEC APERTURE CARD

NOTES: CONTROL ROOM ENVELOPE FROM ENVELOPE FROM SYSTEM SHOWN IN THIS PFD. ALL SYSTEMS SHOWN IN THIS PFD ARE SUBJECT TO THE FULLY CONDITION ROOM ON THE FLOOR AND ENVELOPE FROM SYSTEM SHOWN IN THIS PFD FOR UNIT 1.

REFERENCES:
 1-ASHRAE 55-76 STANDARD ENVIRONMENTAL SYMBOLS
 2-ASHRAE 62-76 STANDARD AMBIENT AIR QUALITY REQUIREMENTS FOR WORKPLACES
 3-ASHRAE 90.1-2001 ENERGY EFFICIENCY DESIGN GUIDE
 4-ASHRAE 90.1-2001 ENERGY EFFICIENCY DESIGN GUIDE

NO.	DATE	REVISION	BY	CHK	REV	DATE
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HOUSTON LIGHTING & POWER COMPANY
 SOUTH TEXAS PRODUCT ELECTRIC GENERATION STATION

09/22/1997

5V119V25005#1

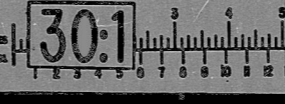
PS-NC & INSTRUMENTATION DIAGRAM HVAC CONTROL ROOM ENVELOPE AIR DISTRIBUTION

SCALE: NONE

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