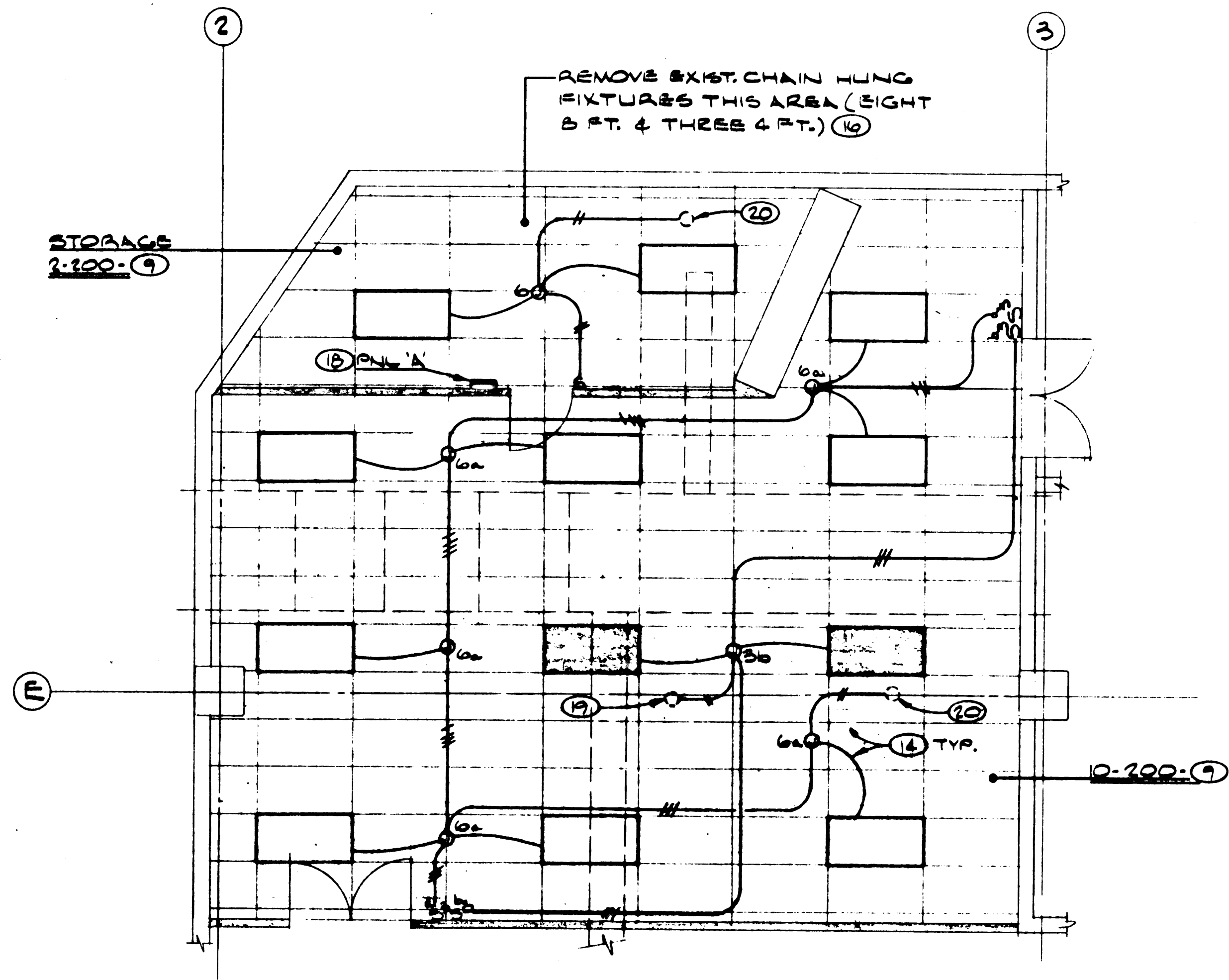
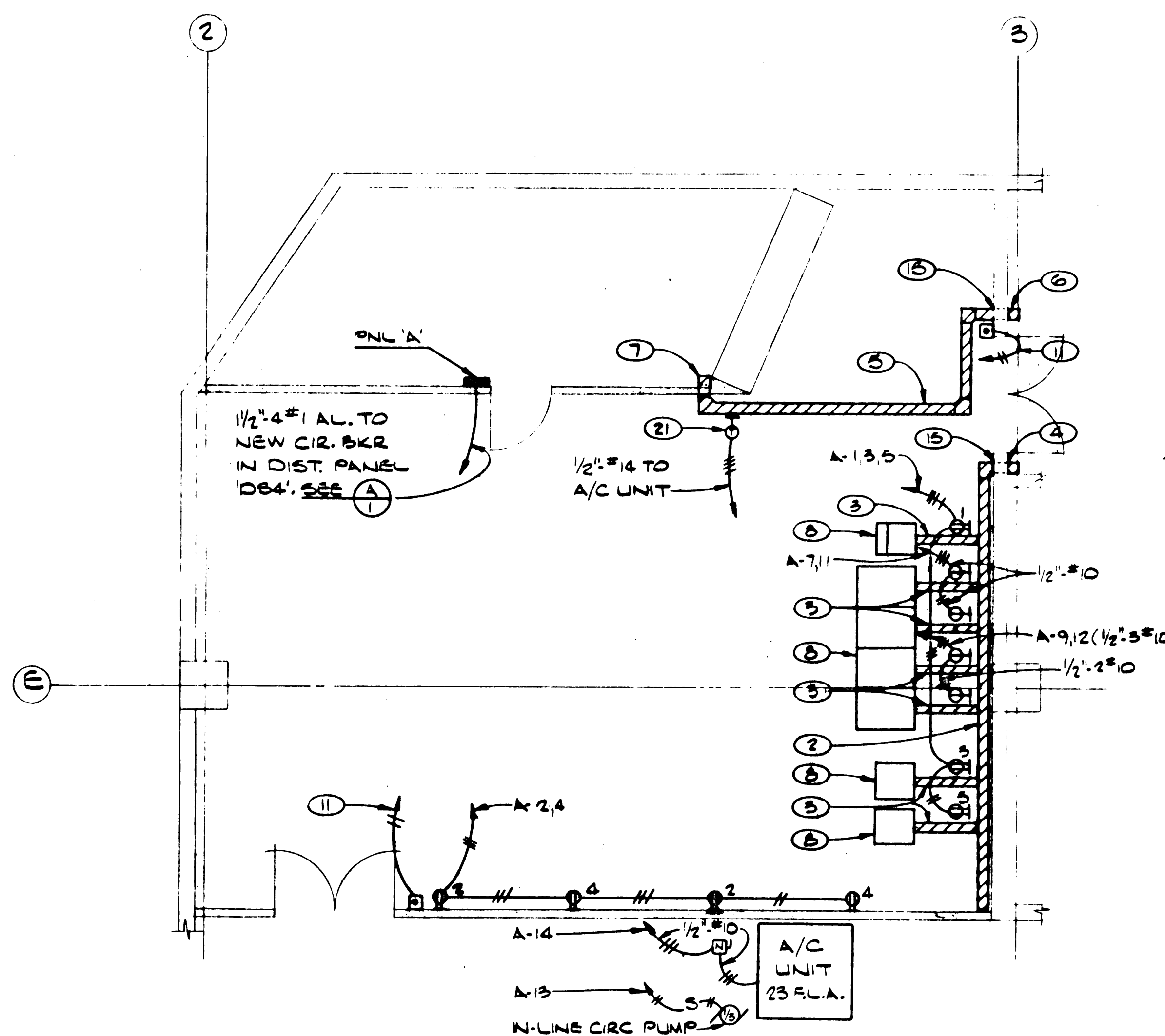




LIGHTING PLAN (A)
1/4" = 1'-0"



POWER & AUXILIARY PLAN (B)
1/4" = 1'-0"

- SYMBOL LIST**
- FLUORESCENT FIXTURE
 - FLUORESCENT FIXT. ON EMERGENCY CIRCUIT.
 - S SINGLE POLE SWITCH @ +48"
 - S₃ 3-WAY SWITCH @ +48"
 - Ø1 DUPLEX RECEPTACLE @ +12"
 - Ø1 30A. 120V. SINGLE RECEPT. @ +12" HUBBELL # 2610 TWIST LOCK
 - 120/208V. 3Ø, 4W. PANEL (15)
 - JUNCTION BOX (ITE)
 - //// SCREW COVER WIRE WAY
 - SHUNT TRIP PUSHBUTTON @ +60" (3)
 - AL INDICATES ALUMINUM
 - CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING (2)
 - 1/2" 2#12 UNLESS NOTED
 - 1/2" 3#12
 - 1/2" 4#12
 - 1/2" 5#12
 - 3/4" 6#12
 - 3/4" 7#12
 - Ø1 30A. 3Ø NON-FUSED DISCONNECT SWITCH
 - Ø1 THERMOSTAT OUTLET @ +60"

NOTICE
ALL WIRE #6 & SMALLER SHALL BE COPPER.

PANEL A VOLTS 208 PHASE 3 WIRES 4 BUS 100A.

LOCATION: TOP MOUNTING SURF. MAIN BREAKER (10) FEEDER 1/2" 4#1 AL.

LOAD: PHASE A 3450 PHASE B 6630 PHASE C 8860 TOTAL 18940 = 64 AMPS.

CIRC.	BREAKER	NO. OUTLETS	LOAD-WATTS			REMARKS
			LTG.	REC.	MISC.	
1	20				1000	ASR 33
2					360	EAST WALL
3					1000	PRINTER
4					360	EAST WALL
5					1000	PRINTER
6						SHUNT TRIP CONTROL CIR
7	30				2500	CONTROLLER & PERIPHERALS
8	10					SPARE
9	30				2500	CONTROLLER & PERIPHERALS
10	10					SPARE
11	30				2500	CONTROLLER & PERIPHERALS
12	30				2500	CONTROLLER & PERIPHERALS
13	20				830	CIRC. PUMP
14	60	3			2760	A/C UNIT
15	20					SPARE
16						
17	20					SPARE
18						
19	20					SPARE
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- NOTES (THIS SHEET ONLY)**
- ① ALL WORK, MATERIALS & EQUIP. NEW UNLESS INDICATED AS EXISTING.
 - ② 4" x 6" WIREWAY RUN ON FLOOR.
 - ③ 4" x 4" WIREWAY RUN ON FLOOR.
 - ④ PROVIDE OPENING THRU RAISED FLOOR & 90° ELBOW ON WIREWAY.
 - ⑤ 4" x 6" WIREWAY RUN ABOVE CLG.
 - ⑥ PROVIDE OPENING THRU RAISED FLOOR & RUN WIREWAY DOWN WALL TO RAISED FLOOR.
 - ⑦ TURN WIREWAY DOWN & TERMINATE BELOW CLG.
 - ⑧ EQUIP. FURNISHED BY OTHERS.
 - ⑨ WESTERN # PLBA-FRL-604-48RS W/ ACRYLIC LENS & 4-#40T2 WW/RS LAMPS (2x4 FOR T-BAR CLG) (7).
 - ⑩ 100A. 3Ø MAIN CIRCUIT BREAKER W/ SHUNT TRIP ELEMENT (ITE).
 - ⑪ TO SHUNT TRIP IN PANEL 'A'.
 - ⑫ WHERE CONDUIT MUST RUN EXPOSED ON EXIST. WALL BEHIND EQUIP., USE WIREMOLO SURFACE RACEWAY & MATCHING OUTLET BOXES.
 - ⑬ PROVIDE 1 P. N.O. MOMENTARY CONTACT SWITCH W/ 1 3/8" DIA. RED MUSHROOM BUTTON EQUAL TO SQ. 'O' KR-4R. ENGRAVE PLATE "POWER SHUT DOWN".
 - ⑭ 1/2" FLEX. W/ 2#12 & 1#14 GROUND WIRE.
 - ⑮ PROVIDE OPENING THRU BLOCK WALL AS REQ'D.
 - ⑯ EXIST. CEILING LTG. OUTLETS SHALL REMAIN.
 - ⑰ W/ 277V. BALLAST.
 - ⑱ PANELBOARD SHALL BE 'ITE' TO MATCH EXIST. BLDG. PANELBOARDS.
 - ⑲ EXTEND EXIST. 277V. EMERG. CIR. FLOOR 3 FROM EXIST. OUTLET TO NEW FIXTURES AS INDICATED.
 - ⑳ EXTEND EXIST. 277V. CIR. PLBA-6 FROM EXIST. OUTLET TO NEW FIXTURES AS INDICATED.
 - ㉑ INSTALL & CONNECT STAT FURNISHED BY OTHERS.

