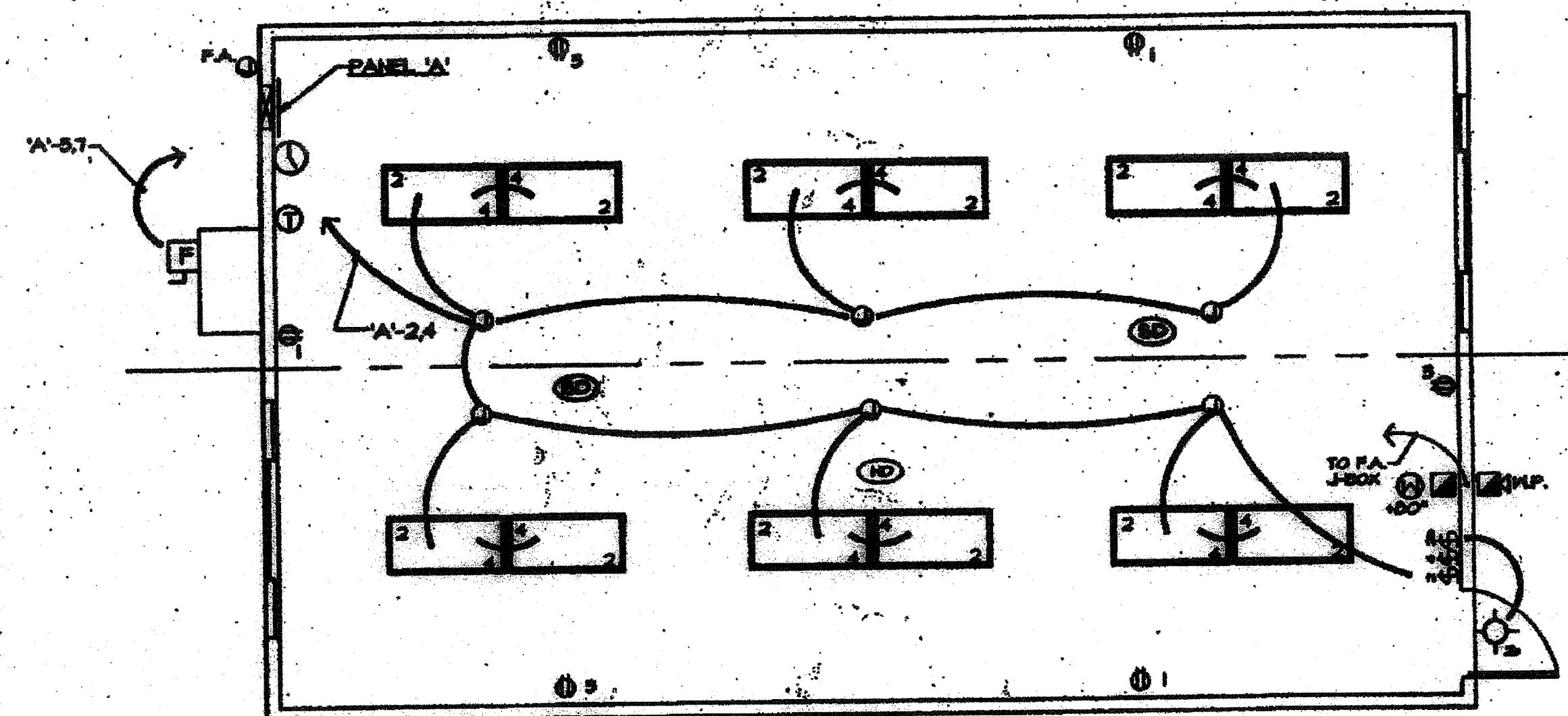


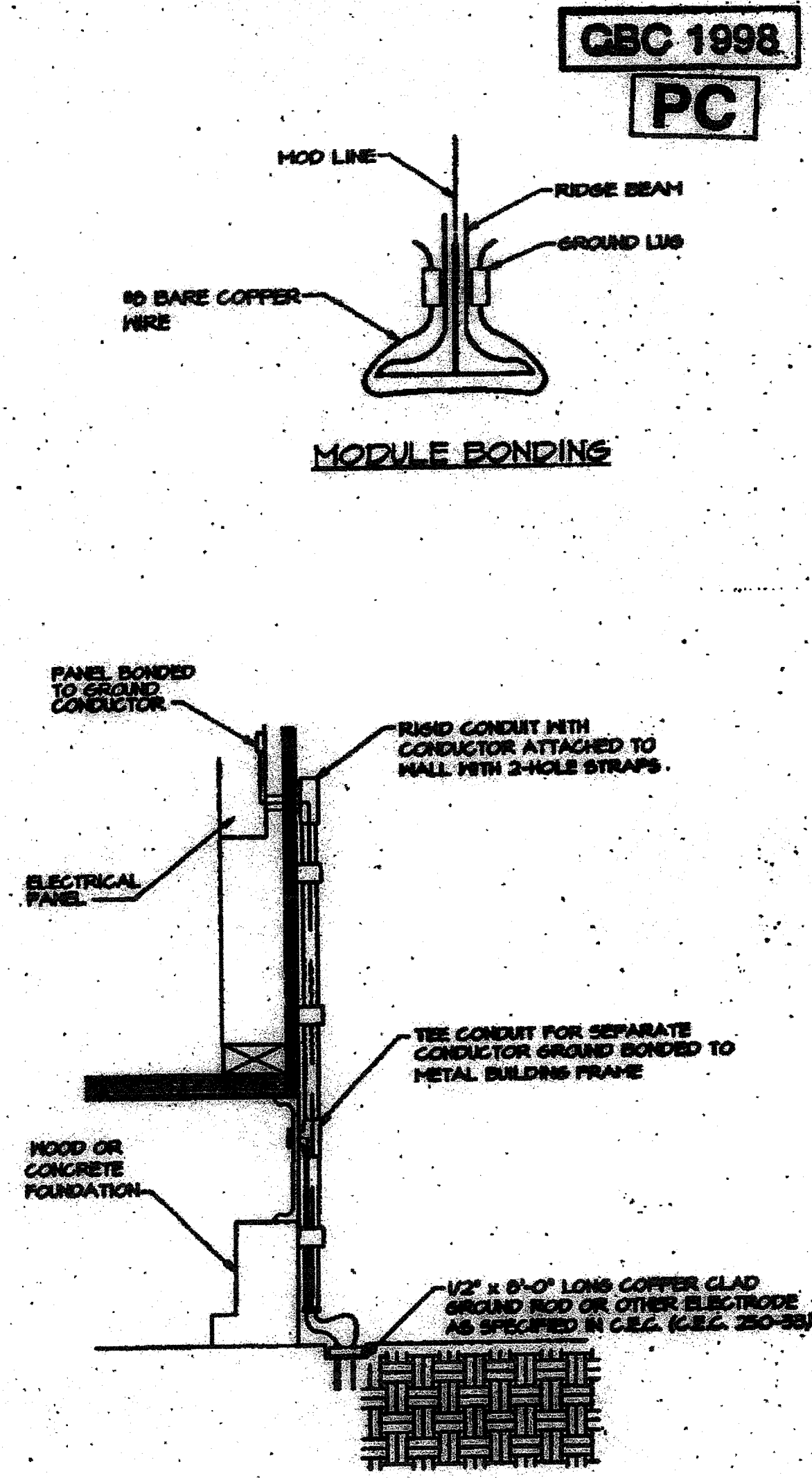
PANEL A		120/240 VOLT		1 PHASE		B WIRE	
100 a BUS		100 a MAIN					
OUTLETS		WATTAGE		BREAKER		REMARKS	
NO.	TYPE	A.P.	B.P.	AMP	POLE		
1	B	340		30	1		
2	12	1000		30	1		
3	B	340		30	1		
4	12	1000		30	1		
5	EXTRN	5000		60	2		58 TON HVAC
6		5000					
7		5000					
8							
9							
10		180		30	1		CLOCK OUTLET
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTALS		7660	7660	= 15.0 kVA		62.7	amps @ 240V
						FLA x 1.25 = 78.0 amps	

FIXTURE SCHEDULE			
SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
	2' x 4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST, (4) 40 WATT TUBES, 1/2\"/>	NO WATTS	GENERAL ELECTRIC, Sylvania or EQUAL
	INCANDESCENT SURFACE MOUNTED EXTERIOR LUMINAIRE WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	SMALL 250W OR EQUAL
	DUPLEX RECEPT - 50 125V 3 WIRE GROUNDED TYPE	180 WATTS	GENERAL ELECTRIC, Sylvania or EQUAL
	LIGHT SWITCH - SINGLE POLE		GENERAL ELECTRIC, Sylvania or EQUAL
	JUNCTION BOX		
	DISCONNECT SWITCH - BUILT INTO A/C UNIT		
	THERMOSTAT		WHITE ROBERTS
	FIRE ALARM PULL STATION (L-BOX ONLY)		
	FIRE ALARM HORN (L-BOX ONLY) (IMP. - INDICATES WEATHERPROOF)		
	ELEC. PANEL		SGD OR EQUAL
	ELEC. CLOCK 6\"/>		WESTCLOCK 704 OR EQUAL
	EXIT SIGN W/ BATTERY BACK-UP EMERGENCY LIGHTING MOUNTED ABOVE DOOR		
	VISUAL WARNING DEVICE - 60 FLASHES PER MINUTE (L-BOX ONLY)		
	CEILING MOUNTED SMOKE DETECTOR 6\"/>		
	ATTIC HEAT DETECTOR (L-BOX ONLY)		

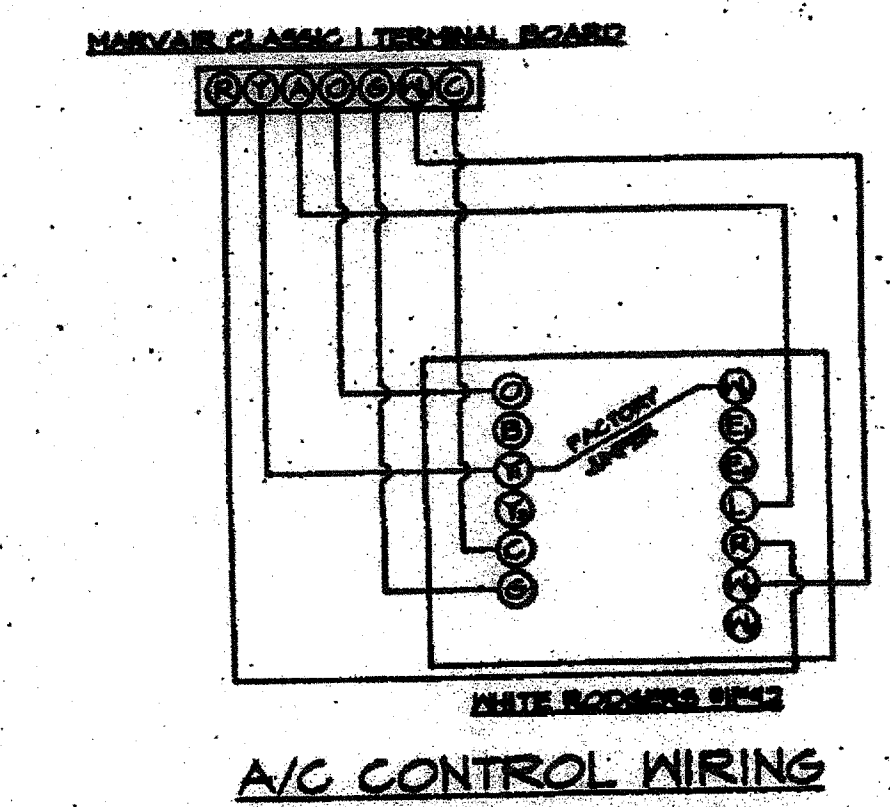


LIGHTING AND POWER PLAN
SCALE: 1/4" = 1'-0"
A/C UNIT SHOWN IN UNIT OFF. HAND.

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DIV. OF THE STATE ARCHITECT
A 03 117375
AC / FLS / SS 64
Date JUL 27 2016



- SYSTEM GROUND DETAIL
NOT BY PORTABLE MANUFACTURER
1. SIZE OF CONDUCTORS SHALL COMPLY WITH NEC TABLE 250-45.
 2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (SEE 250-84). IN ADDITION TO THIS DETAIL, SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EXPOSED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (SEE 250-81 & 250-82).
 3. ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
 4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (SEE 250-54) AS REQUIRED, WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHMS OR LESS.
 5. FIELD INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TEST.



A/C CONTROL WIRING

D.S.A. IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 - 101055
D.S.A. PORTION 1
STRUCT. ENGINEER
ARCHITECT
CHANGE ORDER
CHECKED BY
JURORA MODULAR INDUSTRIES
ELECTRICAL, POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE
SHEET 111.0