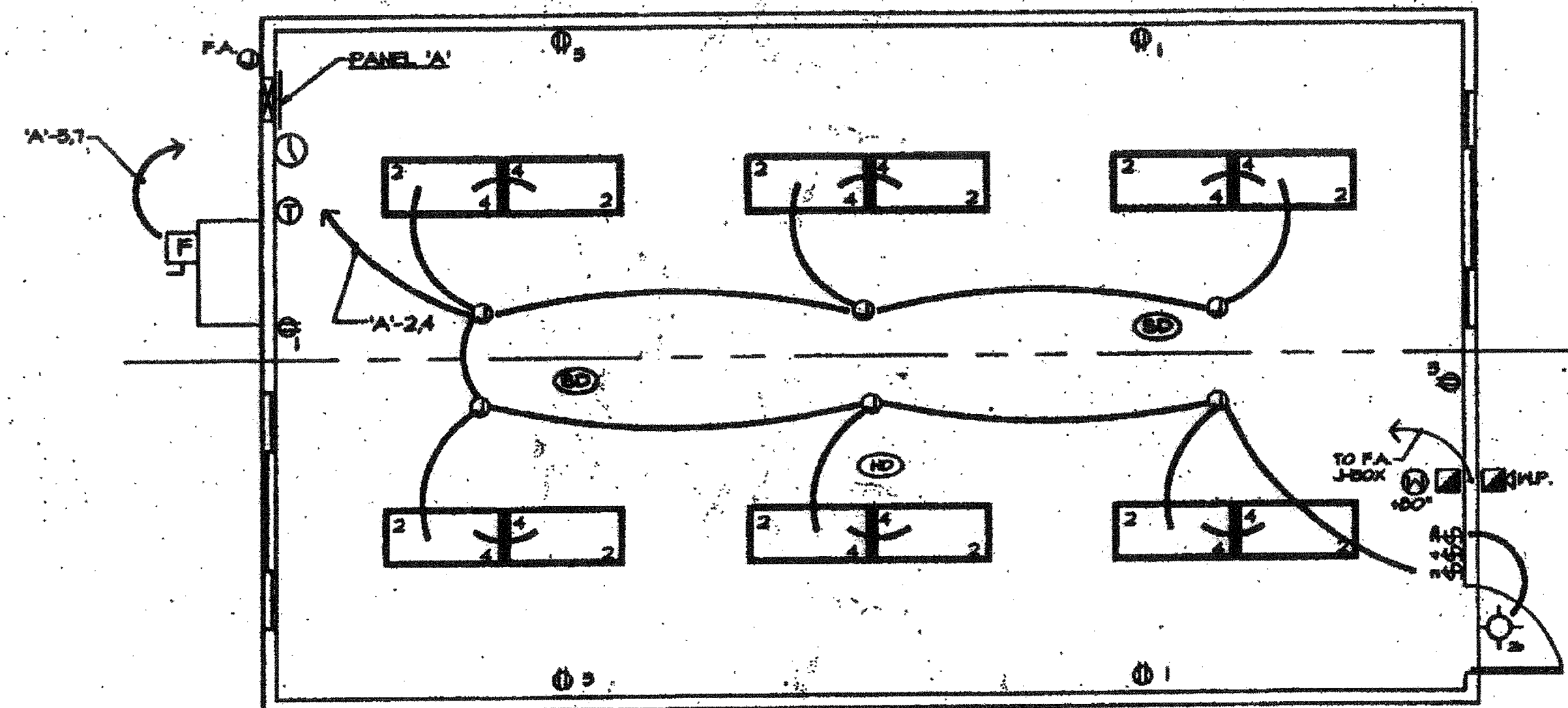


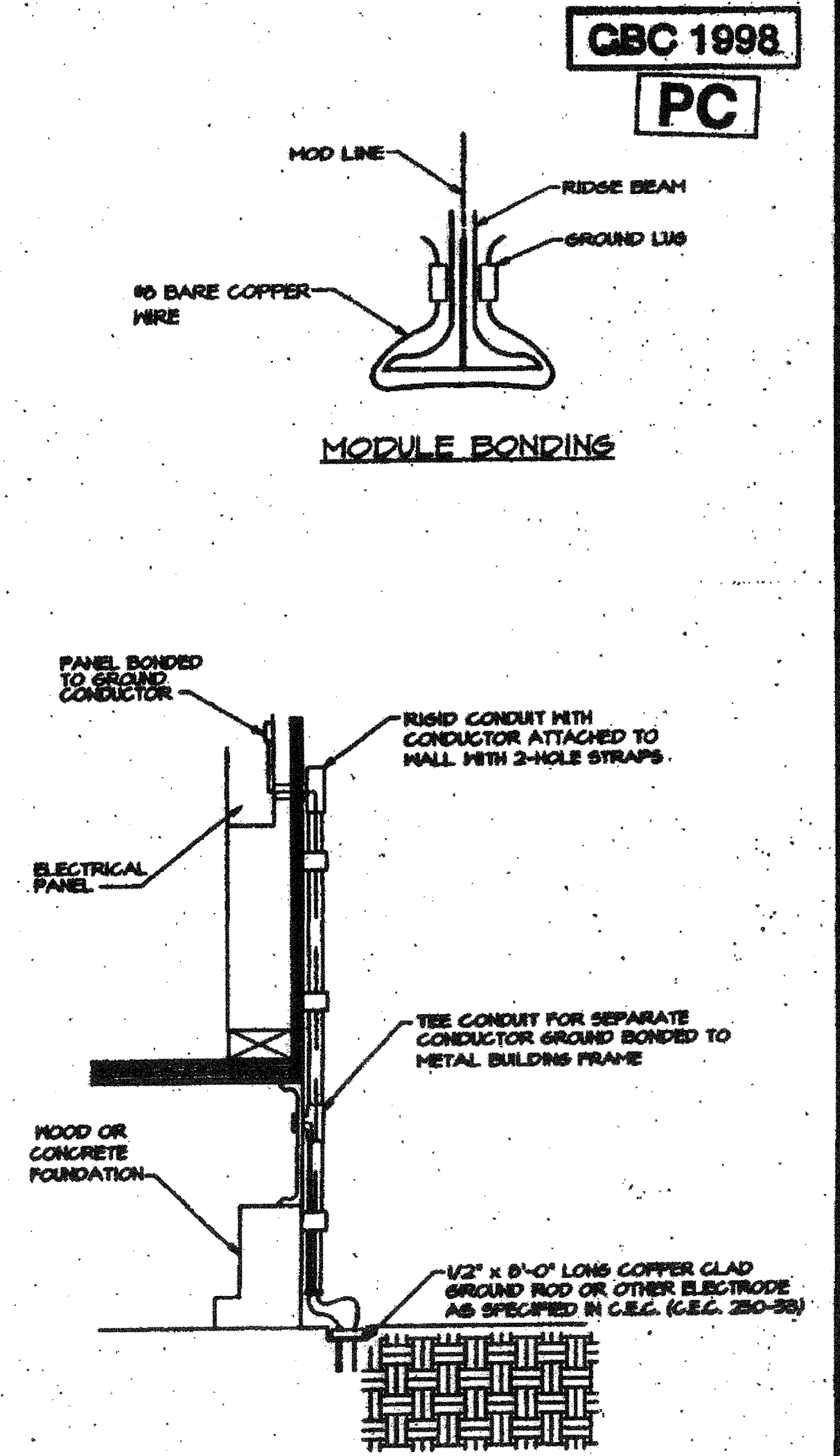
PANEL A		120/240 VOLT		1 PHASE		3 WIRE	
100 a BUS		100 a MAIN					
OUTLETS		WATTAGE			BREAKER		REMARKS
height	lights	A #	B #	C #	amp	pole	
1	5	340			20	1	
2	12	1060			20	1	
3	5	340			20	1	
4	12	460			20	1	
5		5880			60	2	58 TON HVAC
6							
7		5880					
8							
9							
10	1	180			20	1	CLOCK OUTLET
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTALS		7660	7660		= 15.04kVA		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 HT. 27 IN.	80 WATTS	GRABCO, SHERIDAN, OR EQUAL
	INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	KENALL 3868 OR EQUAL
	DUPLEX RECEPT - 15a 125v 3 WIRE GROUNDING TYPE	180 WATTS	GENERAL ELECTRIC 5040-2 OR EQUAL
	LIGHT SWITCH - SINGLE POLE		GENERAL ELECTRIC 5040-2 OR EQUAL
	JUNCTION BOX		
	DISCONNECT SWITCH - BUILT INTO A/C UNIT		
	THERMOSTAT		WHITE ROGERS
	FIRE ALARM PULL STATION (J-BOX ONLY)		
	FIRE ALARM HORN (J-BOX ONLY) (H.P. - INDICATES HEATHPROOF)		
	ELEC. PANEL		80'0 OR EQUAL
	ELEC. CLOCK 6" BELOW CEILING LINE		WESTCLOCK 704 OR EQUAL
	EXIT SIGN HV BATTERY BACK-UP EMERGENCY LIGHTING MOUNTED ABOVE DOOR		
	VISUAL WARNING DEVICE - 40 FLASHES PER MINUTE (J-BOX ONLY)		
	CEILING MOUNTED SMOKE DETECTOR 6" FROM SIDEWALL & 12" FROM ENDWALL (J-BOX ONLY)		
	ATTIC HEAT DETECTOR (J-BOX ONLY)		

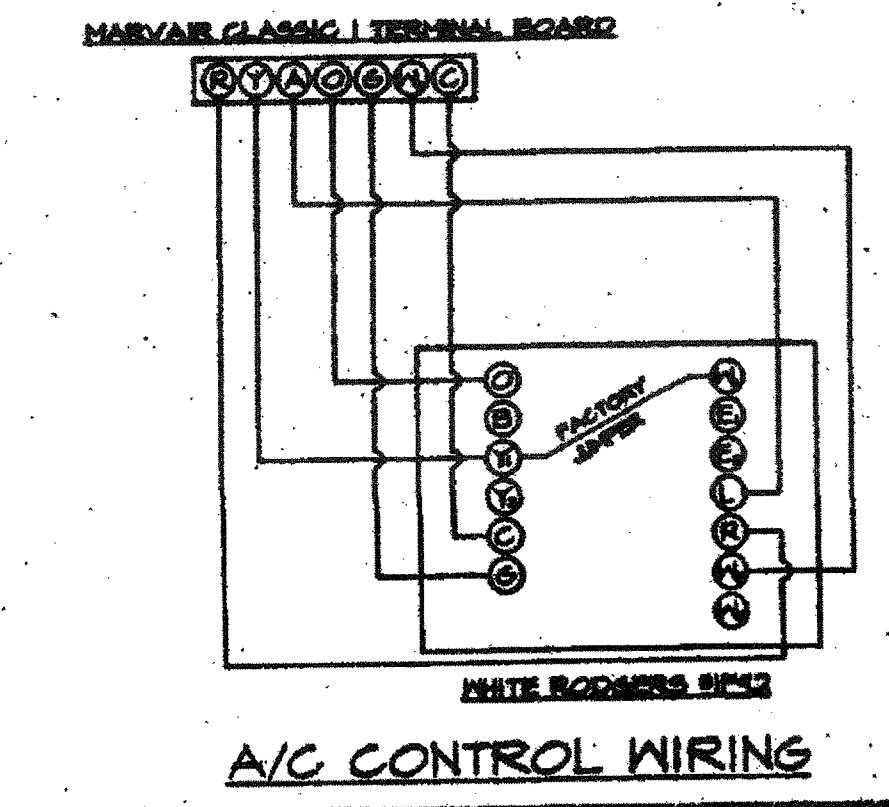


LIGHTING AND POWER PLAN
SCALE 1/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 116978
AC - PLS. N. S. KILL
Date MAY 03 2016



- SYSTEM GROUND DETAIL**
NOT BY PORTABLE MANUFACTURER.
- SIZE OF CONDUCTORS SHALL COMPLY WITH NEC TABLE 250-16.
 - BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-84). IN ADDITION TO THE DETAIL SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE & SEPARATED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 & 250-82).
 - ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)
 - CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-84) AS REQUIRED. WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHMS OR LESS.
 - FIELD INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TEST.



D.S.A.
REGISTRATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION CONTRACT
04 - 101055
DATE: MAY 03 2016

D.S.A.
PORTION 1
REGISTRATION STAMP
DATE: MAY 03 2016
REC. 1. 9. 2016

STRUCT. ENGINEER

ARCHITECT

CHANGE ORDER

CHECKED BY

18033 Corporate Ave., Brea, CA 92606
TURORA MODULAR INDUSTRIES
Phone (951) 789-7199
Fax (951) 789-9882

ELECTRICAL, POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE

SCALE: 1/4" = 1'-0"