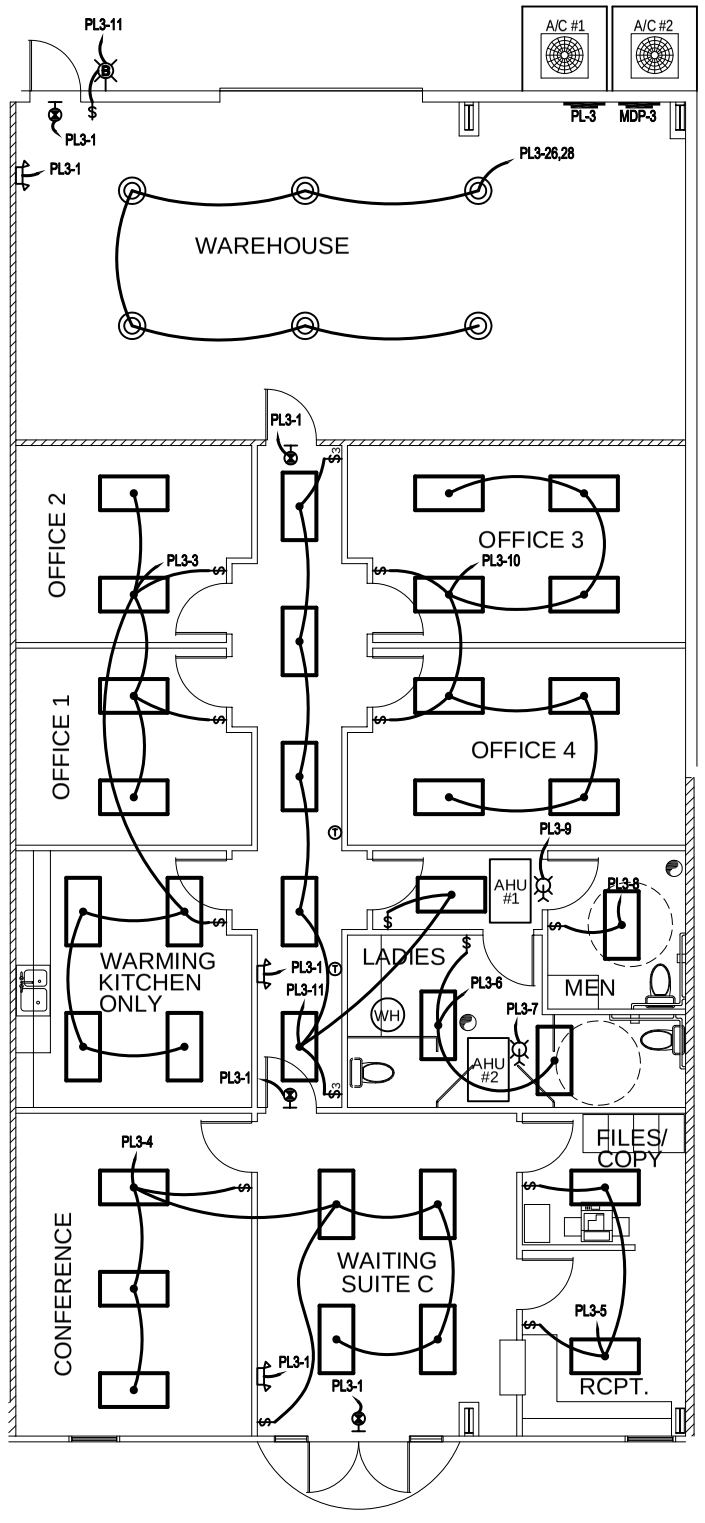


LIGHTING PLAN SUITE C
SCALE: 3/16"=1'-0"

LEGEND

- 2'x4' RECESSED FLUORESCENT LAMP, STEEL HOUSING
- EMERGENCY LIGHT WITH 90 MIN. BATTERY BACKUP
- 120V, 20A DUPLEX RECEPTACLE
- GFI - 120V, GFI RECEPTACLE
- D - 120V, DEDICATED RECEPTACLE
- C GFI - 120V, GFI RECEPTACLE AT COUNTER HEIGHT
- DISCONNECT
- POWER PANEL
- $ - SWITCH
- $3 - 3-WAY SWITCH
- EXIT LIGHT, 90 MINUTE BATTERY BACK-UP
- T - THERMOSTAT
- HIGH BAY LIGHT
- TELEPHONE / COMPUTER
- EXHAUST FAN
- WH - 20 GAL WATER HEATER
- PULL STRING LIGHT
- EXTERIOR WATERPROOF WALL MOUNTED LIGHT W/ 90 MIN. BATTERY BACKUP

FOR ELECTRICAL NOTES SEE E-5

PANEL: MDP-3
LOCATION: SUITE C
FEEDER SOURCE: CLECO

VOLTAGE: 208/120V, 225A 3ø, 4W MLO W/ 225A MAIN
ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR
LOAD CENTER OR EQUAL

CKT NO.	TRADE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	Aø	Bø	Cø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	TRADE SIZE	CKT NO.
1														2
3	#6	AHU #1 (INSIDE) 20 KW HEAT	60	3	20,000				5,000	3	30	A/C #1 (OUTSIDE) 5 TONS	#10	4
5														6
7														8
9	#6	AHU #2 (INSIDE) 20 KW HEAT	60	3	20,000				5,000	3	30	A/C #2 (OUTSIDE) 5 TONS	#10	10
11														12
13	#10	WATER HEATER 20 GALLONS	30	2	4,000				–	1	20	SPACE	:	14
15									–	1	20	SPACE	:	16
17	:	SPACE	20	1	–				–	1	20	SPACE	:	18
19	:	SPACE	20	1	–				–	1	20	SPACE	:	20
21	:	SPACE	20	1	–				–	1	20	SPACE	:	22
23	:	SPACE	20	1	–				–	1	20	SPACE	:	24
25	:	SPACE	20	1	–				–	1	20	SPACE	:	26
27	:	SPACE	20	1	–				–	1	20	SPACE	:	28
29	:	SPACE	20	1	–				–	1	20	SPACE	:	30
31	:	SPACE	20	1	–				–	1	20	SPACE	:	32
33	:	SPACE	20	1	–				–	1	20	SPACE	:	34
35	:	SPACE	20	1	–				–	1	20	SPACE	:	36
37					6,460				–	–	–	SPARE	:	38
39	3/0	PL-3 PANEL	225	3	7,120				–	–	–	SPARE	:	40
41					7,220				–	–	–	SPARE	:	42

TOTAL CONNECTED LOAD (VA)
Aø=26,776 | Bø=25,026 | Cø=23,696

SOLID NEUTRAL NEUTRAL WIRE (N) — GROUND BUS GROUND WIRE (G)

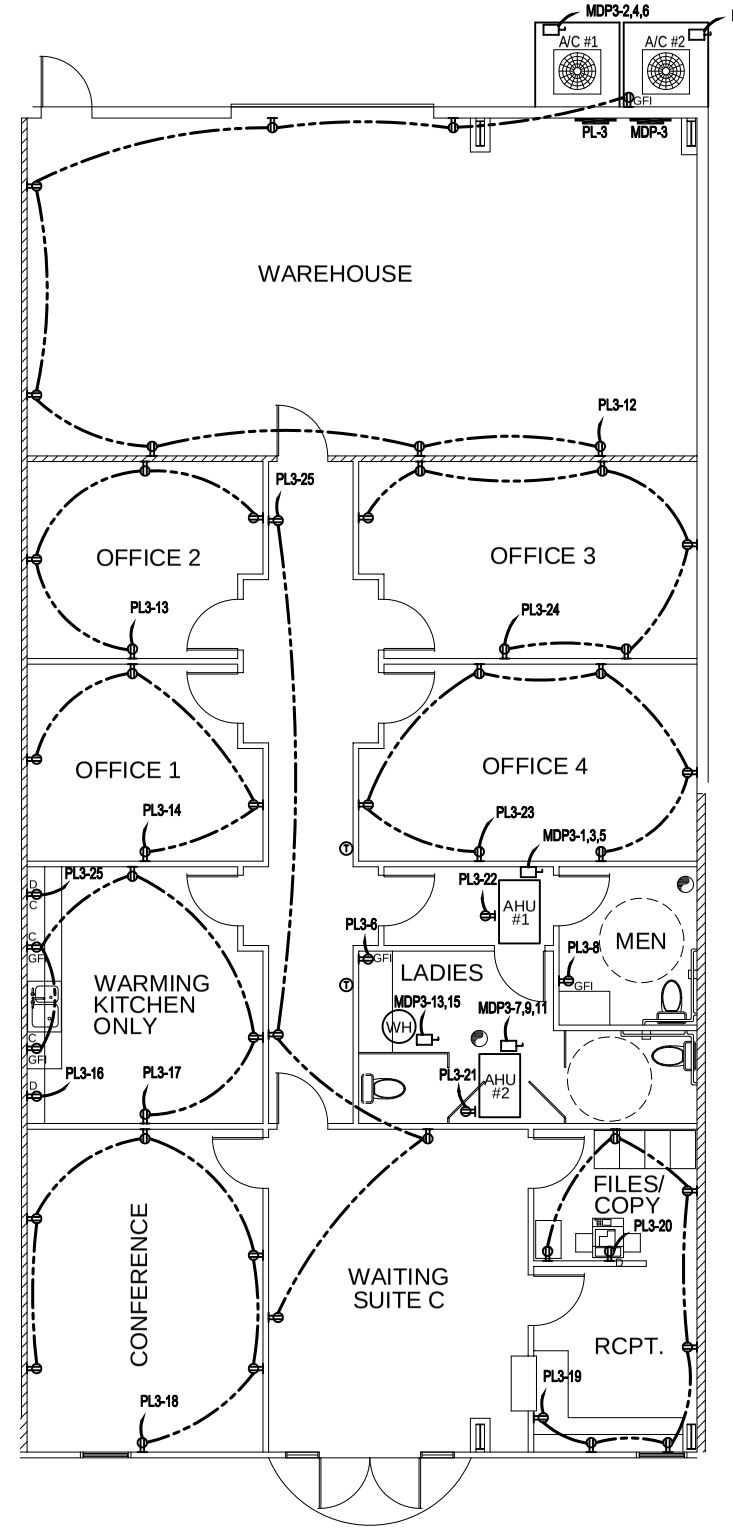
PANEL: PL-3
LOCATION: SUITE C
FEEDER SOURCE: MDP-3

VOLTAGE: 208/120V, 225A 3ø, 4W MLO
ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR
LOAD CENTER OR EQUAL

CKT NO.	TRADE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	Aø	Bø	Cø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	TRADE SIZE	CKT NO.
1	#12	EMERGENCY/EXIT LIGHTS	20	1	200				–	1	20	SPACE	:	2
3	#12	KITCHEN & OFFICES 1,2 LIGHTS	20	1	1600				1400	1	20	CONFERENCE & WAITING ROOM LIGHTS	#12	4
5	#12	RECEPTION & FILE ROOM LIGHTS	20	1	400				880	1	20	WOMEN'S LIGHTS & RECEPTACLES	#12	6
7	#12	AHU #2 LIGHT	20	1	100				360	1	20	MEN'S LIGHTS AND RECEPTACLES	#12	8
9	#12	AHU #1 LIGHT	20	1	100				1600	1	20	OFFICES 3 & 4 LIGHTS	#12	10
11	#12	HALL & OUTSIDE LIGHTS	20	1	1300				1280	1	20	WAREHOUSE RECEPTACLES	#12	12
13	#12	OFFICE 2 RECEPTACLES	20	1	640				640	1	20	OFFICE 1 RECEPTACLES	#12	14
15	:	SPACE	20	1	–				1500	1	20	REFRIGERATOR	#12	16
17	#12	KITCHEN RECEPTACLES	20	1	900				900	1	20	CONFERENCE ROOM RECEPTACLES	#12	18
19	#12	RECEPTION / FILES RECEPTACLES	20	1	1120				1000	1	20	COPY MACHINE	#12	20
21	#12	AHU #2 RECEPTACLES	20	1	180				180	1	20	AHU #1 RECEPTACLE	#12	22
23	#12	OFFICE 4 RECEPTACLES	20	1	980				980	1	20	OFFICE 3 RECEPTACLES	#12	24
25	#12	MICROWAVE	20	1	1800				1200	2	30	WAREHOUSE LIGHTS	#10	26
27	:	SPACE	20	1	–									28
29	:	SPACE	20	1	–				–	1	20	SPACE	:	30
31	:	SPACE	20	1	–				–	1	20	SPACE	:	32
33	:	SPACE	20	1	–				–	1	20	SPACE	:	34
35	:	SPACE	20	1	–				–	1	20	SPACE	:	36
37	:	SPACE	20	1	–				–	–	–	SPARE	:	38
39	:	SPARE	–	–	–				–	–	–	SPARE	:	40
41	:	SPARE	–	–	–				–	–	–	SPARE	:	42

TOTAL CONNECTED LOAD (VA)
Aø=6,460 | Bø=7,120 | Cø=7,220

SOLID NEUTRAL NEUTRAL WIRE (N) — GROUND BUS GROUND WIRE (G)



POWER PLAN SUITE C
SCALE: 3/16"=1'-0"

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NEW OFFICE BUILDING

PLATFORM CRANE
POWELL DRIVE
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ELECTRICAL PLAN SUITE C

REV:

SCALE: AS NOTED
JOB#: 1898
DATE: 10-8-07
SHEET 21

E-3

OF 25