

FLOOR PLAN

Scale

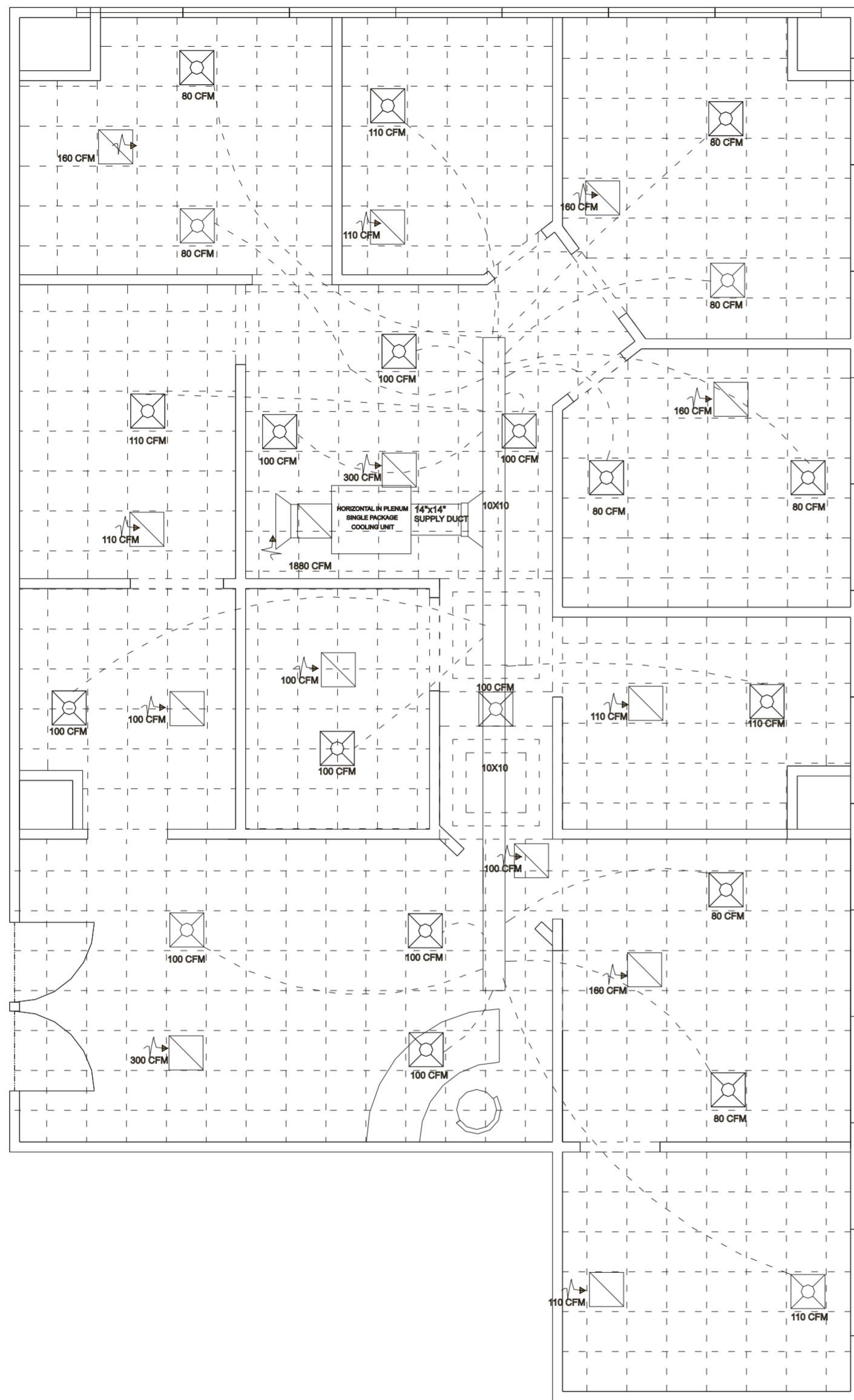
OWNER/PROJECT

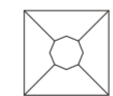

RANJAN WADHWA /  
 VANDANA WADHWA  
 19465 Deerfield Avenue, #207, Leesburg,  
 VA 20176 Unit 207, Phase 2, Building 2,  
 LANSDOWNE OFFICE PARK  
 Tel:- 571-230-6971

SHEET NO.

01/03

D- 3' 3" X 7'0"  
 W- 3' 10" X 4' 8"



-  FRESH AIR OUTLET
-  EXHAUST AIR INLET
- 8" DIA SUPPLY DUCT

**HVAC LAYOUT**

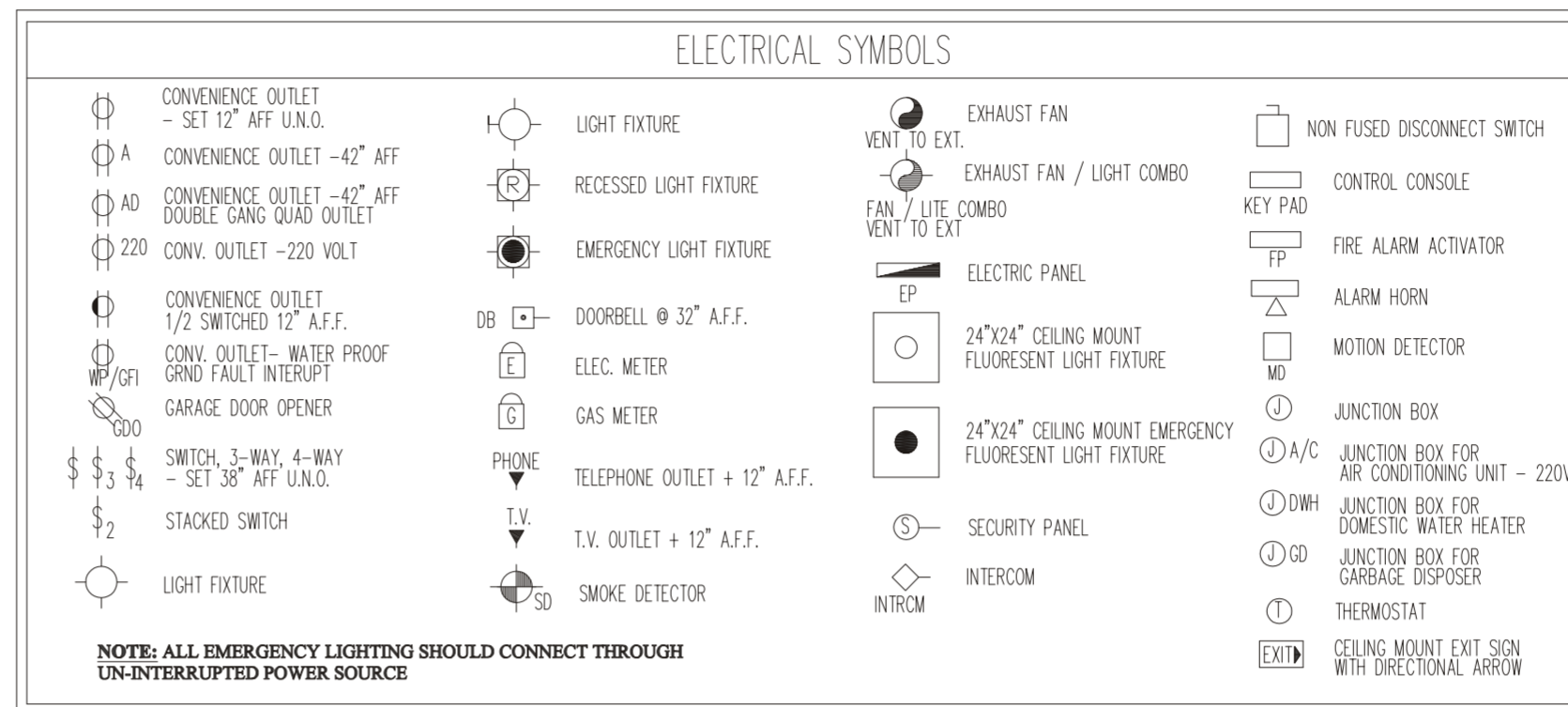
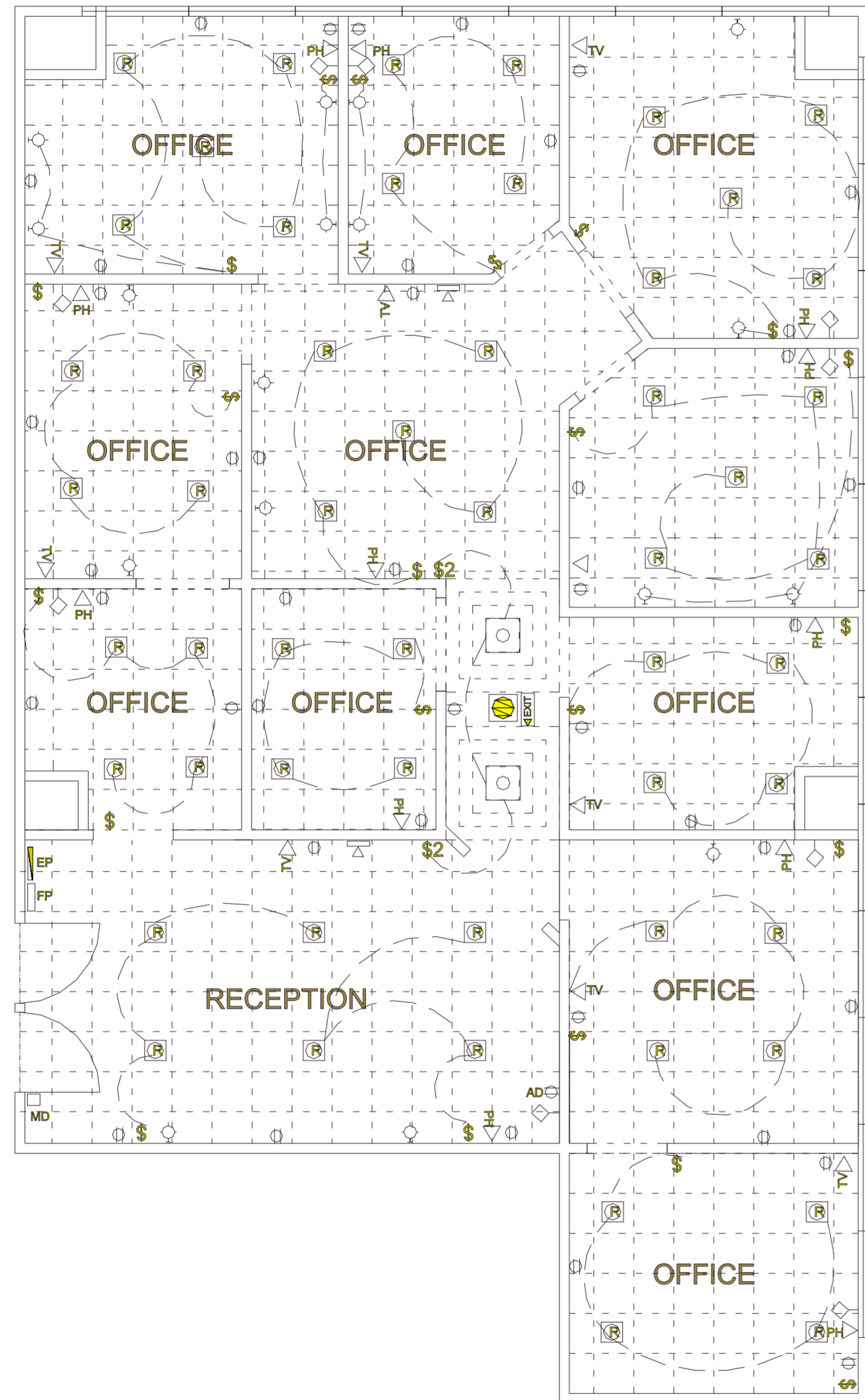
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## ELECTRICAL & CEILING PLAN

Scale

### POWER RISER NOTES

- |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>1 EXISTING 2000 AMP, 480/277 V, 3 PHASE, 4 WIRE MAIN DISTRIBUTION PANEL</li> <li>2 EXISTING 2000 AMP, 480/277 V, 3 PHASE, 4 WIRE MAIN DISTRIBUTION SWITCHBOARD</li> <li>3 EXISTING 2000 AMP C/T ENCLOSURE</li> <li>4 EXISTING FEEDERS &amp; CONDUITS TO CIRCUIT ON MAIN DISTRIBUTION PANEL</li> </ul> | <ul style="list-style-type: none"> <li>5 EXISTING FEEDERS &amp; CONDUITS TO CIRCUIT ON MAIN DISTRIBUTION PANEL</li> <li>6 EXISTING 225AMP, 480/277 V, 3 PHASE, 4 WIRE PANEL HT WITH MLO.</li> <li>7 EXISTING 800AMP, 120/208 V, 3 PHASE, 4 WIRE PANEL MDP1 WITH MCB.</li> <li>8 150 AMP, 120/208 V, 3 PHASE 4 WIRE PANEL RP WITH MCB.</li> </ul> | <ul style="list-style-type: none"> <li>9 EXISTING FEEDERS &amp; CONDUITS</li> <li>10 EXISTING 225KVA DRY TYPE TRANSFORMER: 480 PRIMARY TO 120/208 V, 3 PHASE, 4 WIRE SECONDARY</li> <li>11 4#1/0 &amp; 1#6 GROUND IN 1-1/2" CONDUIT</li> <li>12 200AMP, 240V, 3 POLE SQUARE "D" POWER LOGIC ENERGY METER FOR COMMERCIAL TENANT SUB METERING. METER IS CONNECTED TO A COMPUTER FOR AUTOMATED READING OF CONSUMPTION. COORDINATE ADDITIONAL INSTALLATION REQUIREMENTS IN THE FIELD</li> </ul> |
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### PANEL LP1

DESCRIPTION		120/208 VOLTS		3 PHASE 4 WIRE		MOUNTING- RECESSED		NEMA-1 ENCLOSURE		100 AMP MAIN LO.		DESCRIPTION	
		BRKR	CKT	CONDUIT SIZE	WIRE SIZE			WIRE SIZE	CONDUIT SIZE	CKT	BRKR		
LIGHTING		20	1	3/4"	2#12 & 1#12G								
LIGHTING		20	3	3/4"	2#12 & 1#12G								
LIGHTING		20	5	3/4"	2#12 & 1#12G								
RECEPTACLES		20	7	3/4"	2#12 & 1#12G								
RECEPTACLES		20	9	3/4"	2#12 & 1#12G								
RECEPTACLES		20	11	3/4"	2#12 & 1#12G			3#6 & 1#10G	3/4"	10	20		AHU
RECEPTACLES		20	13	3/4"	2#12 & 1#12G					14	-		SPACE
SPARE		20	15							16	-		SPACE
SPARE		20	17							18	-		SPACE
SPARE		20	19							20	-		SPACE
SPARE		20	21							22	-		SPACE
LIGHTING LOAD:		3325 x 125% =											
APPLIANCES & REMAINDER LOAD:													
TOTAL CALCULATED LOAD:		4.156 KVA											
		5.000 KVA											
		9.374 KVA											
TOTAL AMPS, 1 PHASE:		45.06 AMPS											

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03/03