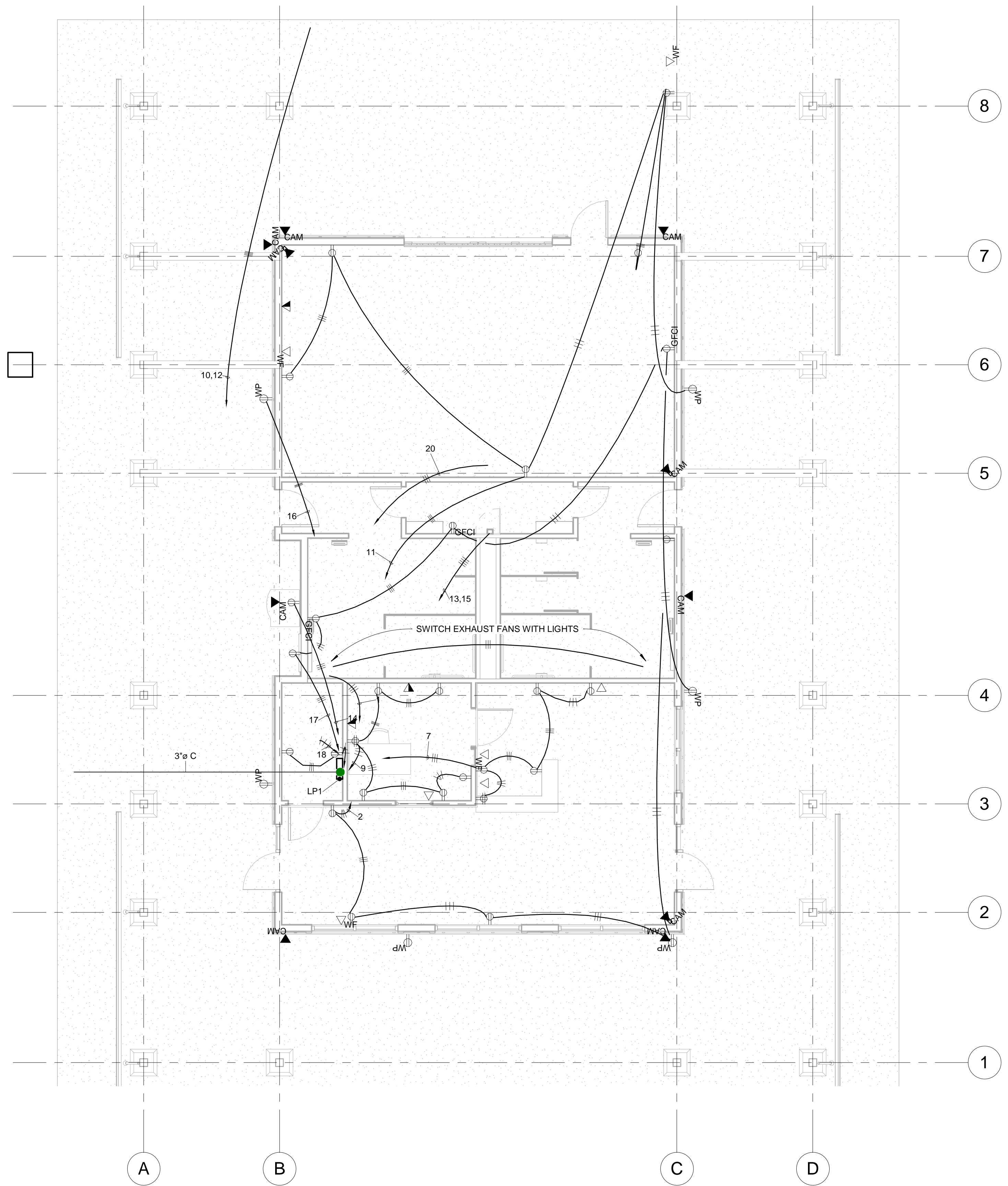


Branch Panel: LP1									
Location: ELECTRICAL 3			Volts: 120/240 Single			A.I.C. Rating: 14000			
Supply From:			Phases: 1			Mains Type: MCB			
Mounting: Surface			Wires: 3			Mains Rating: 225 A			
Enclosure:						MCB Rating: 200 A			
Notes:									
CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	HVAC Room 5, 4	20 A	1	162 VA	900 VA			Receptacle LOBBY 1	2
3	Receptacle ELECTRICAL 3	20 A	1		360 VA	380 VA	1	Lighting WAREHOUSE 7	4
5	Lighting - Dwelling Unit	20 A	1	576 VA	1200 VA			Lighting - Dwelling Unit	6
7	Receptacle LOBBY 1	20 A	1		1080 VA	1062 VA	1	Room 4, 6, 5	8
9	Receptacle OFFICE 2	20 A	1	1260 VA	3750 VA			HP OUTDOOR	10
11	Receptacle WAREHOUSE 7	20 A	1		1080 VA	3750 VA	--	--	12
13	Power JANITOR 6	20 A	2	4750 VA	180 VA			Receptacle	14
15	--	--	--		4750 VA	180 VA	1	Receptacle	16
17	Receptacle Room 4, 5, 6	20 A	1	900 VA	1000 VA			FURNACE GF-1	18
19	Room 2	20 A	1		1028 VA	500 VA	1	HVAC WAREHOUSE 7	20
21	Lighting - Dwelling Unit Room 5, 4, 1	20 A	1	900 VA					22
23									24
25									26
27									28
29									30
31									32
33									34
35	Spare	20 A	1		0 VA	0 VA	1	Spare	36
37	Spare	20 A	1	0 VA	0 VA			Spare	38
39	Spare	20 A	1		0 VA	0 VA	1	Spare	40
41	Spare	20 A	1	0 VA	0 VA			Spare	42
<b>Total Load:</b>				13056 VA		11493 VA			
<b>Total Amps:</b>				109 A		96 A			

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	8886 VA	100.00%	8886 VA	<b>Total Conn. Load:</b> 24532 VA <b>Total Est. Demand:</b> 23869 VA <b>Total Conn.:</b> 102 A <b>Total Est. Demand:</b> 99 A
Lighting - Dwelling Unit	4260 VA	80.77%	3441 VA	
Lighting - Exterior	420 VA	125.00%	525 VA	
Other	500 VA	100.00%	500 VA	
Receptacle	5940 VA	100.00%	5940 VA	
Power	9500 VA	100.00%	9500 VA	
Lighting	380 VA	100.00%	380 VA	



**1 1 - POWER**  
SCALE: 3/16" = 1'-0"

- 120V DUPLEX RECEPTACLE
- 120V QUADPLEX RECEPTACLE
- 220V (208V) SIMPLEX RECEPTACLE
- 120V DUPLEX GFCI RECEPTACLE
- WEATHERPROOF DUPLEX RECEPTACLE

**LEGEND - ELECTRICAL POWER WIRING**

ELECTRICAL	
PROJECT	2016-1340
DATE	8/18/2017
DRAWN	VW
CHECKED	VW

REVISIONS	Date	Description
No.		

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**ELECTRICAL POWER PLAN**

**E-101**