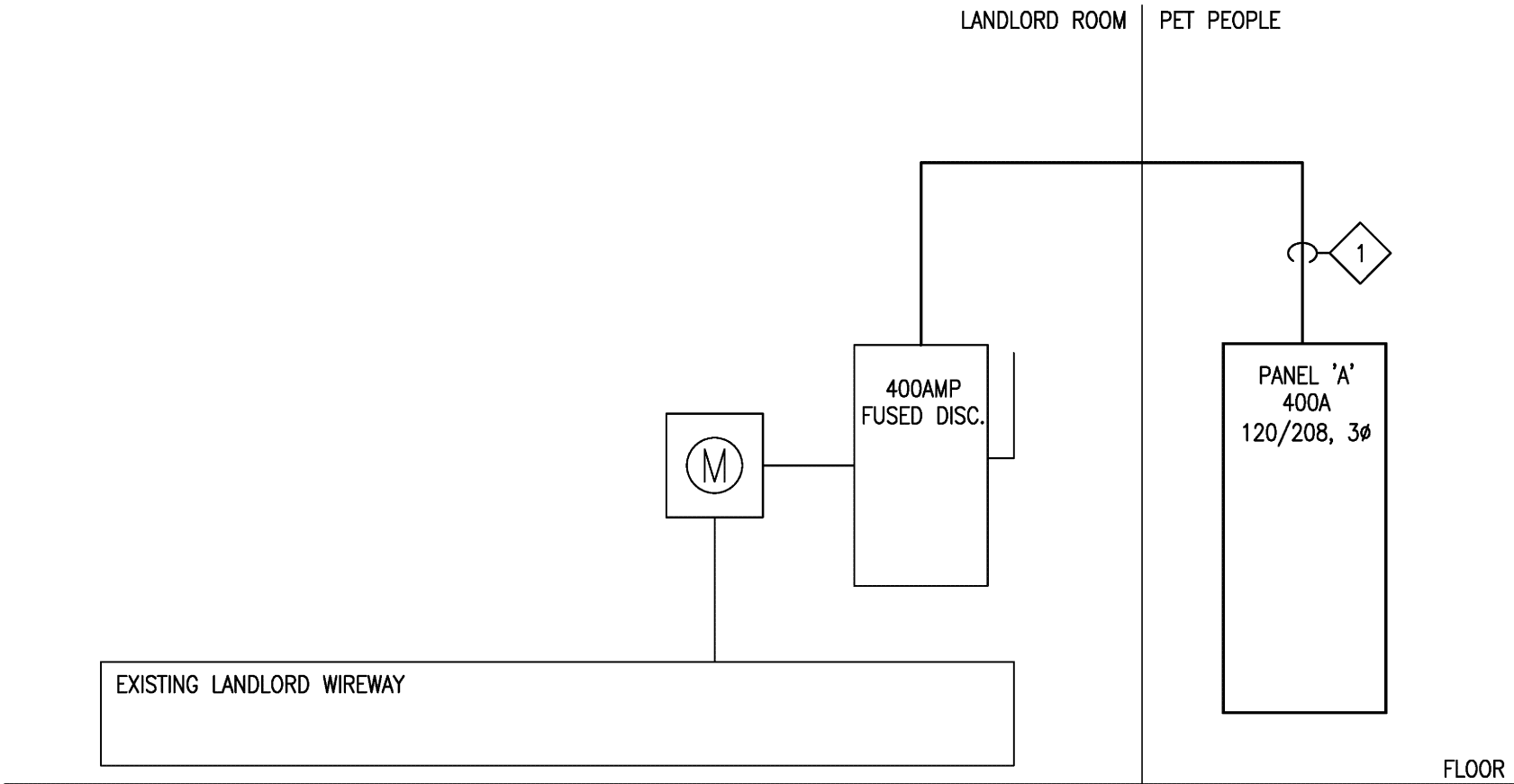


Job: PetPeopleMaster/UA STANDARD/CAD STANDARDS/TEMP/ATE/Master Template.dwg
Drawn By: G.F. Here



1 | **ONE-LINE DIAGRAM**
N.T.S.

SERVICE SUMMARY						
PANEL	LIGHTING	RECEPTACLE	MOTOR	HVAC	KITCHEN.	MISC.
A	5.6	15.8	–	93.9	–	1.2
TOTAL	5.6	15.8	–	93.9	–	1.2
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD	NOTES RECEPTACLE: FIRST 10.0 KVA @ 100% + REMAINDER @ 50% MOTOR: PLUS ADDITIONAL 25% OF LARGEST MOTOR.		
LIGHTING	5.6	125%	7.0			
RECEPTACLE	15.8	SEE NOTES	12.9			
MOTOR	–	SEE NOTES	–			
HVAC	93.9	100%	93.9			
KITCHEN	–	65%	–			
MISC.	1.2	100%	1.2	DEMAND LOAD: 318 AMPS		
TOTAL	116.5		115.0	SERVICE SIZE: 400 AMPS		

PANEL: A					MAIN: 400A MAIN CIRCUIT BREAKER				VOLTAGE: 120/208						
					PHASE: 3		WIRE: 4		BUS AMPS: 400		AIC: 42,000				
MOUNTING: RECESSED					LOCATION: OFFICE					FEED THRU LUGS: NO			ISOLATED GROUND BUS: NO		
CKT	NOTE	BKR	LOAD DESCRIPTION	KVA	A#	B#	C#	KVA	LOAD DESCRIPTION	BKR	NOTE	CKT			
1		20/1	SPARE	0.0	0.0			0.0	SPARE	20/1		2			
3		20/1	SPARE	0.0		0.0		0.0	SPARE	20/1		4			
5		20/1	SPARE	0.0			0.0	0.0	SPARE	20/1		6			
7		20/1	LTS- OFFICE	0.1	0.6			0.5	LTS- SALES AREA	20/1		8			
9		20/1	LTS- RESTROOMS/EXH. FAN	0.2		0.7		0.5	LTS- SALES AREA	20/1		10			
11		20/1	LTS- DOGWASH FAN/LTG	0.4			0.9	0.5	LTS- SALES AREA	20/1		12			
13		20/1	LTS- CASHWRAP	0.1	0.1			0.0	SPARE	20/1		14			
15		20/1	LTS- TRACK	1.2		1.6		0.4	LTS- EM LIGHTING	20/1	L	16			
17		20/1	LTS- DISPLAY	0.3			0.5	0.2	LTS- NL LIGHTING	20/1	L	18			
19		20/1	SPARE	0.0	0.0			0.0	SPARE	20/1		20			
21		20/1	RCPT- TELEPHONE	0.4		0.4		0.0	SPARE	20/1		22			
23		20/1	RCPT- TELEPHONE	0.4			0.4	0.0	SPARE	20/1		24			
25		20/1	RCPT- RESTROOM	0.2	0.2			0.0	SPARE	20/1		26			
27		20/1	SPARE	0.0		0.8		0.8	RCPT- SHOW WINDOW	20/1		28			
29		20/1	SPARE	0.0			0.0	0.0	SPARE	20/1		30			
31		20/1	EQ- CEILING FANS	0.4	0.4			0.0	SPARE	20/1		32			
33		20/1	SPARE	0.0		0.1		0.1	TIMECLOCK	20/1		34			
35		20/1	SPARE	0.0			1.2	1.2	SIGN - FRONT	20/1		36			
37		20/1	SPARE	0.0	0.0			0.0	SPARE	20/1		38			
39		20/1	BELL/BUZZER	0.2		0.2		0.0	SPARE	20/1		40			
41		20/1	RCPT- AV EQUIPMENT	0.4			0.4	0.0	SPARE	20/1		42			
43		20/1	RCPT- OFFICE	0.4	0.8			0.4	RCPT- POS	20/1		44			
45		20/1	RCPT- OFFICE	0.4		0.8		0.4	RCPT- POS	20/1		46			
47		20/1	RCPT- OFFICE	0.4			0.4	0.0	SPARE	20/1		48			
49		20/1	RCPT- UTILITY RM	0.2	1.0			0.8	RCPT- GENERAL PURPOSE	20/1		50			
51		20/1	RCPT- DOG WASH	0.2		0.4		0.2	RCPT- EWC	20/1	GFI	52			
53		20/1	RCPT- DOG WASH	0.2			0.2	0.0	SPARE	20/1		54			
55		60/2	HAC-1	4.2	8.5			4.3	DH-1	45/3		56			
57				4.2		8.5		4.3				58			
59		20/1	SPARE	0.0			4.3	4.3				60			
61		45/3	DH-2	4.3	4.3			0.0	SPARE	20/1		62			
63				4.3		5.2		0.9	RCPT- FREEZER	20/1		64			
65				4.3			5.2	0.9	RCPT- FREEZER	20/1		66			
67		45/3	DH-3	4.3	5.2			0.9	RCPT- FREEZER	20/1		68			
69				4.3		5.2		0.9	RCPT- FREEZER	20/1		70			
71				4.3			4.6	0.3	EF-3	15/1		72			
73		20/1	SPARE	0.0	7.8			7.8	CU-1/AHU-1	80/2		74			
75		20/1	BOOSTER FAN	0.2		8.0		7.8				76			
77		20/1	IWH-1	0.2			8.0	7.8	CU-2/AHU-2	80/2		78			
79	GFI	20/1	RCPT- WASHER	1.2	9.0			7.8				80			
81	GFI	30/2	RCPT- DRYER	2.5		10.3		7.8	CU-3/AHU-3	80/2		82			
83				2.5			10.3	7.8				84			
NOTES:					TOTAL KVA PER PHASE:				37.9	42.2	36.4				
GFI HANDLE LOCK					TOTAL KVA:				116.5						
AFI GROUND FAULT INTERRUPTING															
CD ARC FAULT INTERRUPTING															
CH CONTINUOUS DUTY															
HACR HACR RATED					TOTAL AMPS:				323.4						

FEEDER SCHEDULE

1. 4" 4#600 + 1#3 GND.

ONE LINE DIAGRAM NOTES:

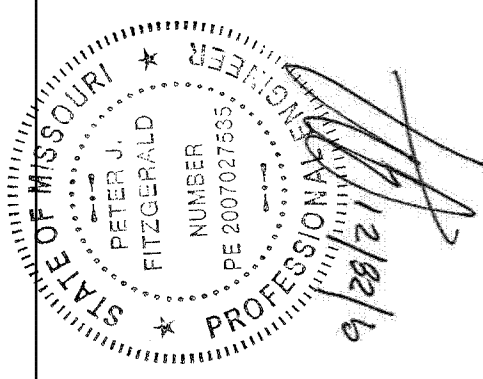
- COORDINATE ALL WORK WITH POWER COMPANY REQUIREMENTS PRIOR TO BIDDING & INCLUDE THE COST OF ALL ASSOCIATED LABOR, MATERIALS, & CHARGES IN BID.
- VERIFY THE AVAILABLE FAULT CURRENT WITH THE UTILITY COMPANY PRIOR TO BIDDING AND PROVIDE EQUIPMENT RATED ACCORDINGLY. SUBMIT FAULT CURRENT CALCULATIONS WITH SHOP DRAWING SUBMITTAL.
- PROVIDE FULL LENGTH VERTICAL BUSSING IN ALL SWITCHBOARDS, DISTRIBUTION PANELS & PANELBOARDS.
- PROVIDE FULL SIZE HORIZONTAL BUSSING IN ALL SWITCHBOARDS.
- ALL CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE.
- ALL INTERIOR WALL-MOUNTED EQUIPMENT SHALL BE MOUNTED ON 3/4" FIRE RATED BACKBOARD.
- ALL FLOOR-MOUNTED EQUIPMENT SHALL BE MOUNTED ON 4" HIGH CONCRETE HOUSEKEEPING PAD.
- COORDINATE SPACE W/ ALL OTHER TRADES TO MAINTAIN ALL CODE-REQUIRED CLEARANCES.
- REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PetPeople
SUMMIT AT WEST PRYOR
940 NW PRYOR RD, UNIT J
LEE'S SUMMIT (KANSAS CITY), MO

Project No: 18804
Drawn By: TWK
Date: 07/16/2021
Issue: Etk/ Permit
08/27/2021 Revision: 2

E3.0

FLOOR PLAN



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