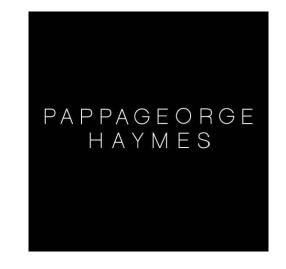


CONSTRUCTION

640 N Lasalle 312
Suite 400 Urban Planning Development Services Departmen
Lee's Summit, Missouri
09/17/2024

RELEASED FOR

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# 30hop SOWP

1020 NW Pryor Road, Lees Summit,MO 64081 30hop

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o	w	ne	r

	date	description
	05.02.24	Issue For Permit
<u></u>	07.02.24	Permit Revision
4	07.23.24	Kitchen Equipment Rev
5	08.15.24	TV Revision
6	08.30.24	Gas Heaters
곗	09.17.24	Electrical Revisions

## orientation

project number	23288
scale	As Note
date	8/30/202
sheet title	Power Pla
-	

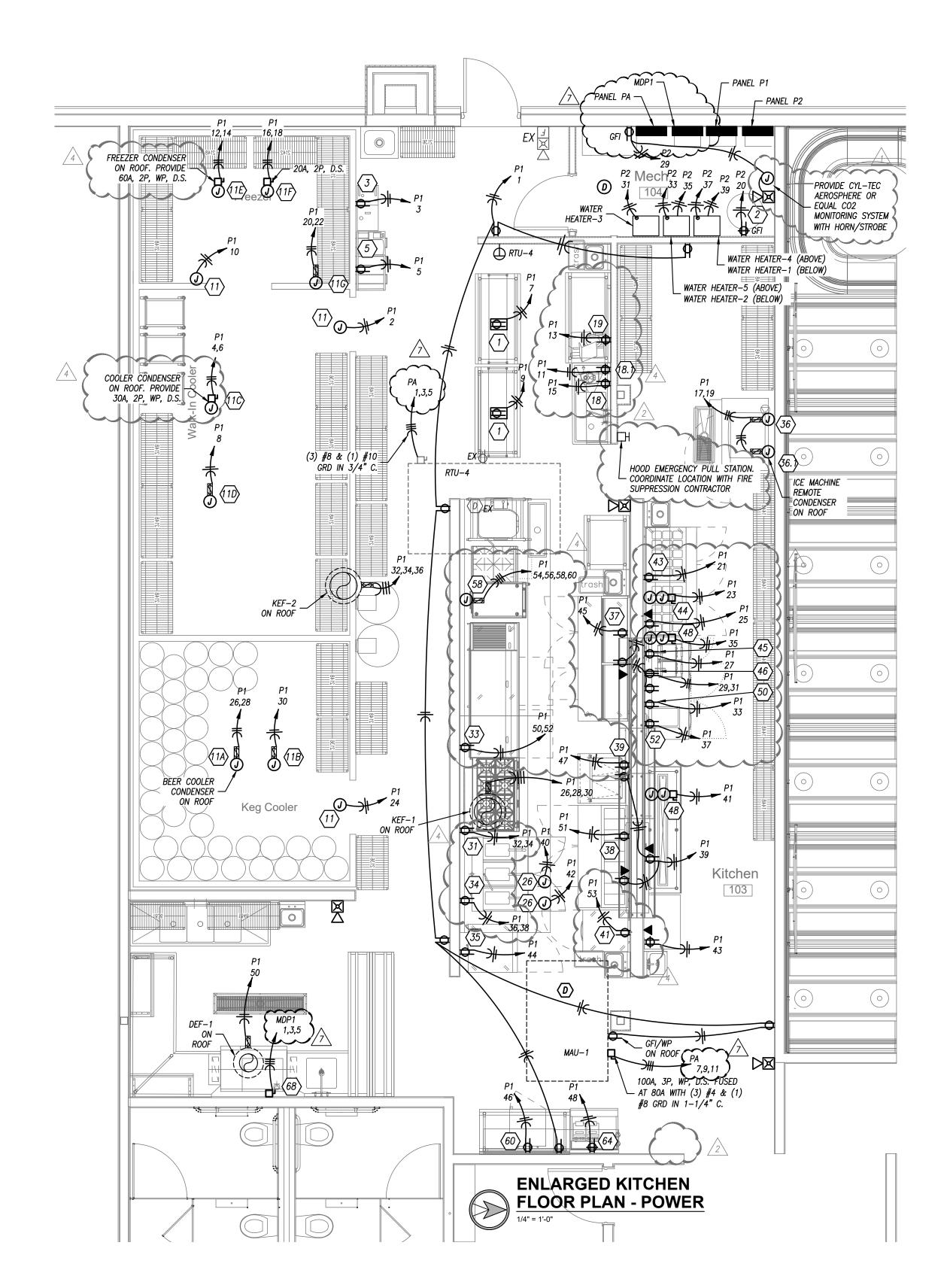
sheet number

E101

ITEM NO	QTY	EQUIPMENT DISCRIPTION	AMPS	VOLTAGE/ PHASE	WIRE SIZE	HEIGHT (AFF)	NOTES
1	2	S/S WORK TABLE	15.0	120V/1ø	(3) #12, 1/2°C.		
2	1	BULK CO2 TANK	15.0	120V/1ø	(3) #12, 1/2°C.	48"	
3	1	PORTABLE OIL FILTER	15.0	120V/1ø	(3) #12, 1/2°C.	20"	
(5)	1	BAG-IN-BOX SYSTEM	15.0	120V/1ø	(3) #12, 1/2°C.	60"	
(11)	3	COOLER/FREEZER LIGHTS AND ACCESSORIES	10.0	120V/1ø	(3) #12, 1/2°C.		2
(11A)	1	BEER COOLER CONDENSER	16.1	208V/1ø	(3) #10, 3/4°C.		
(11B)	1	BEER COOLER COIL	15.0	120V/1ø	(3) #12, 1/2°C.		
(11C)	1	COOLER CONDENSER	22.2	) 208V/1ø	(3) #10, 3/4°C.		
(11D)	1	COOLER COIL	15.0	120V/1ø	(3) #12, 1/2°C.		
(11E)	1	FREEZER CONDENSER	25.3	) 208V/1ø	(2) #8 & (1) #10 GRD, 3/4°C.	)	
(11F)	1	FREEZER COIL	15.0	208V/1ø	(3) #12, 3/4°C.		
(11G)	1	DRAIN LINE HEATER	15.0	240V/1ø	(3) #12, 1/2°C.		
(18)	1	FOOD PROCESSOR	12.0	120V/1ø	(3) #12, 1/2°C.	48"	
(18.1)	1	IMMERSION HAND MIXER	10.0	120V/1ø	(3) #12, 1/2°C.	48"	
(19)	1	FOOD SLICER	1.4	120V/1ø	(3) #12, 1/2°C.	48"	
(22)	1	NOT USED		<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>			
(26)	2	EXHAUST HOOD SYSTEM	15.0	120V/1ø	(3) #12, 1/2°C.		
(31)	1	REFRIGERATED EQUIPMENT STAND	6.0	120V/1ø	(3) #12, 1/2°C.	20"	
(33)	1	REFRIGERATED EQUIPMENT STAND	6.0	120V/1ø	(3) #12, 1/2°C.	20"	
34	1	BATTERY FRYER	12.0	120V/1ø	(3) #12, 1/2°C.	20"	
(35)	1	UNDERCOUNTER FREEZER	1.8	120V/1ø	(3) #12, 1/2°C.	20"	
(36)	1	ICE MAKER	11.0	 208V/1ø	(3) #12, 1/2°C.	60"	
(36.)	1	REMOTE CONDENSER	1.0		(3) #12, 1/2°C.		
(37)	1	PREP REFRIGERATOR	5.8	120V/1ø	(3) #12, 1/2°C.	20"	
(38)	1	PREP REFRIGERATOR	6.0	120V/1ø	(3) #12, 1/2°C.	20"	
<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	1	HOT FOOD SERVING COUNTER	12.5	120V/1ø	(3) #12, 1/2°C.	20"	
<u>41</u>	1 (	REACH IN UNDERCOUNTER FREEZER	1.8	120V/1ø	(3) #12, 1/2°C.	20"	
(41.))	1	NOT USED					
(43)		MEGA TOP PREP REFRIGERATOR	2.8	120V/1ø	(3) #12, 1/2°C.	20"	
44>	1	HEAT LAMP	13.3	120V/1ø (	(3) #12, 1/2°C.	56"	1
45	1	REFRIGERATED WORKTOP	4.8	) 120V/1ø	(3) #12, 1/2°C.	20"	·
46	1	PANINI GRILL	13.3	240V/1ø	(3) #12, 1/2°C.	42"	
48	2	HEAT LAMP	23.3	120V/1ø	(3) #12, 1/2°C.	56"	1
\(\frac{\fir}{\fin}}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}{\frac}}}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	1	REFRIGERATED WORKTOP	2.0	120V/1¢	(3) #12, 1/2°C.	20"	,
\(\sqrt{52}\)	1	FOOD PAN WARMER	8.3	120V/1¢	(3) #12, 1/2°C.	48"	
\(\frac{\omega_2}{58}\)	1	MULTICOOK OVEN	28.0	208V/3ø	(3) #8 & (1) #10 GRD, 1"C.	48"	
(60)		UNDERCOUNTER REFRIGERATOR	2.3	120V/1ø	(3) #12, 1/2°C.	20"	)
(64)	1	SOAD DISPENSER	2.3	120V/10 120V/10	(3) #12, 1/2°C.	60"	
(68)	1	DISHWASHER	11 <u>1.</u> 3	208V/3ø	(3) #1/0 & (1) #6 GRD, 2"C.	20"	
(80)	1	UNDERCOUNTER DISWASHER	3.5	200V/3Ø 120V/1Ø		20"	
\(\frac{\dagger{80}}{88}\right\)		REFRIGERATED BACK BAR CABINET	7.0	120V/10 120V/10	(3) #12, 1/2°C. (3) #12, 1/2°C.	20"	<u> </u>

- 1. PROVIDE (2) JUNCTION BOXES, ONE FOR HEAT LAMP AND ONE FOR REMOTE CONTROL ENCLOSURE. PROVIDE DISCONNECT SWITCH ABOVE ACCESSIBLE CEILING, UPSTREAM OF REMOTE CONTROL AND HEAT LAMP. SEE KITCHEN EQUIPMENT DRAWINGS FOR EXACT MOUNTING HEIGHT AND MANUFACTURE'S INSTRUCTIONS FOR EXACT WIRING REQUIREMENTS.
- 2. PROVIDE CONNECTION TO ALL ACCESSORIES (HEAT TAPE, PRESSURE RELIEF PORT, LIGHT/THERMOMETER SWITCH, VAPOR LIGHT, ETC) PER MANUFACTURER'S INSTRUCTIONS.
- 1. EQUIPMENT ON SCHEDULE FURNISHED BY OTHERS.
- 2. EQUIPMENT SUBJECT TO CHANGE, FIELD VERIFY EQUIPMENT W/ OWNER AND ARCHITECT.





CONSTRUCTION 640 N Lasalle 312 337 3343 Noted on Plans Review Suite 400 Urban Planning
Development Services Dep Chicago Illinois 60654

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## 30hop SOWP

1020 NW Pryor Road, Lees Summit, MO 64081 30hop

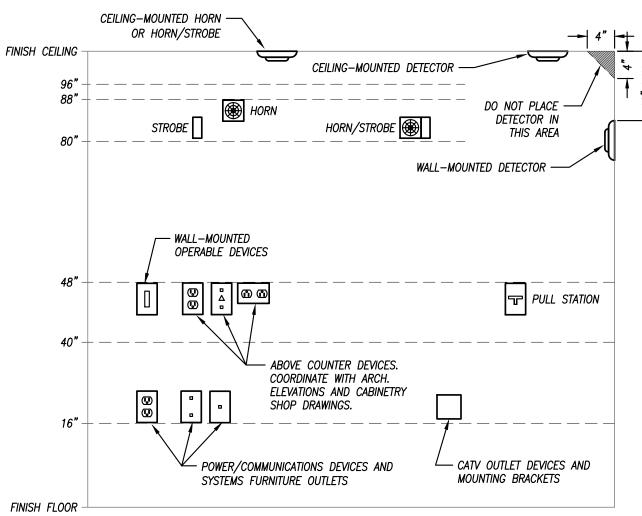
owner

	date	description
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1	05.22.24	Permit Revision
2	06.10.24	Permit Revision
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project number	23288
scale	As Note
date	8/30/202
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•	

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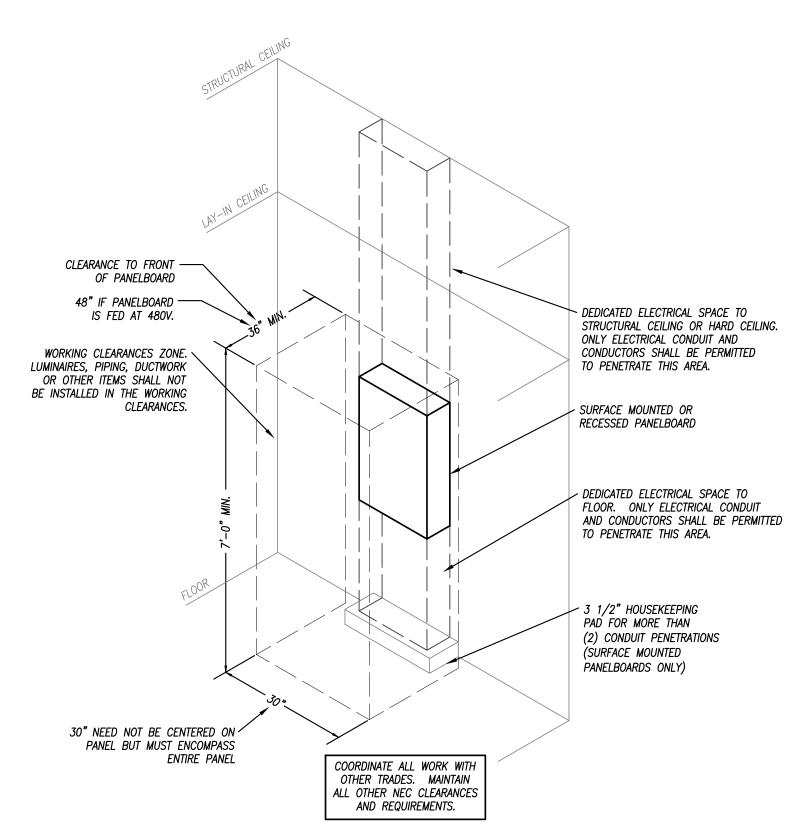
E102



- 1. MOUNTING HEIGHTS SHOWN IN THIS DETAIL ARE TYPICAL UNLESS OTHERWISE NOTED ON THE PLANS. 2. SEE ARCHITECTURAL ELEVATIONS FOR SPECIAL CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
- 3. ALL INSTALLATIONS SHALL COMPLY WITH ADA. <u>VISUAL FIRE ALARM NOTIFICATION DEVICES (STROBE)</u> LOCATE DEVICE SO THE BOTTOM OF THE DEVICE IS
- BETWEEN 80" AND 96" A.F.F. (NFPA) OR 6" BELOW CEILING, WHICHEVER IS LOWER (ADA 2010). AUDIBLE FIRE ALARM NOTIFICATION DEVICES (HORN)
  LOCATE DEVICE SO THAT THE TOP OF UNIT IS NOT MORE THAN 90" A.F.F. AND NOT LESS THAN 6" BELOW CEILING
- FIRE ALARM ACTIVATION DEVICES (PULL STATION)
  LOCATE FRONT—APPROACH DEVICES SO THAT THE HIGHEST OPERABLE PORTION OF THE DEVICE IS NOT MORE THAN 48" A.F.F (ADA 2010) AND NOT LESS THAN 42" A.F.F.
- <u>POWER/COMMUNICATION DEVICES:</u> OUTLETS SHALL BE LOCATED AT 16" A.F.F. TO THE BOTTOM OF THE BOX. ABOVE COUNTER DEVICES SHALL BE LOCATED AT 2" ABOVE THE BACKSPLASH OF THE COUNTER TO THE BOTTOM OF THE DEVICES. VERIFY WITH ARCHITECTURAL DETAILS. WALL-MOUNTED OPERABLE DEVICES:
  OPERABLE DEVICES SHALL BE LOCATED AT 48" A.F.F. TO
  - THE TOP OF THE OPERABLE PORTION OF THE DEVICE.
  - WALL-MOUNTED OPERABLE DEVICES INCLUDE, BUT ARE NOT LIGHT SWITCHES, DIMMERS, CONTROLS, ETC.
  - NURSE/PATIENT CALL DEVICES (INLUDING THOSE FOR STAFF USF) OTHER CONTROL OR "CALL" DEVICES

## **MOUNTING HEIGHTS FOR WALL-MOUNTED DEVICES**

NOT TO SCALE



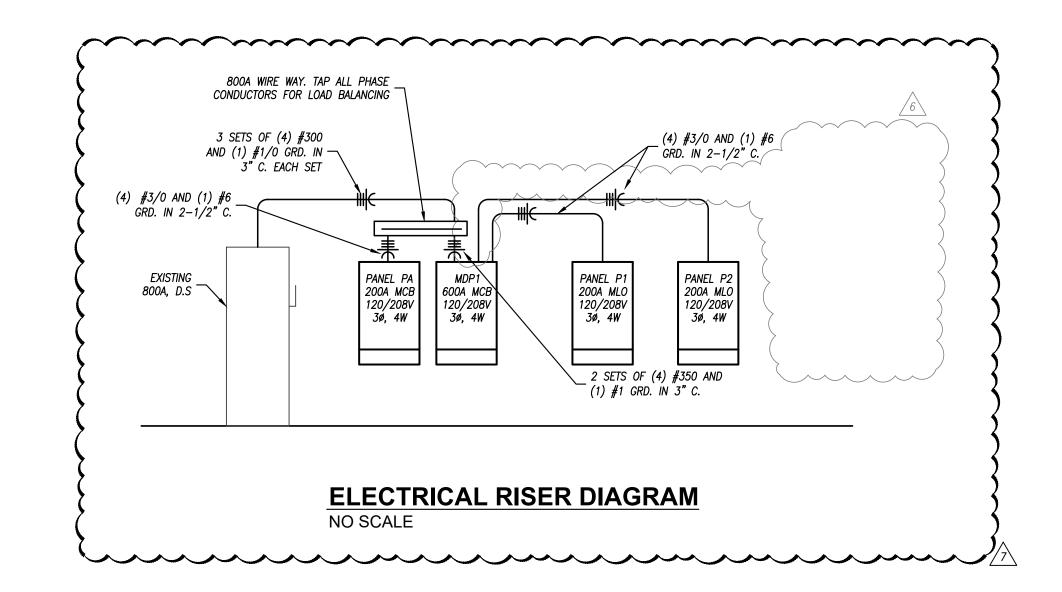
TYPICAL PANELBOARD INSTALLATION DETAIL

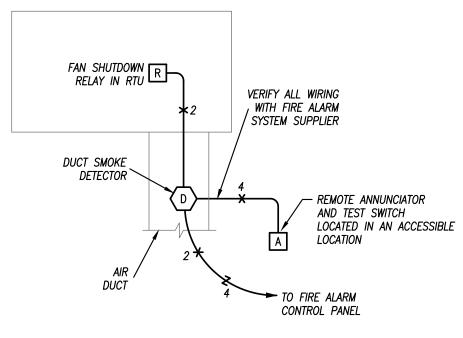
NOT TO SCALE



#### NOTES LEGEND

- PROVIDE DIMMABLE LED DRIVER UNIVERSAL VOLTAGE
- PROVIDE WITH PHILIPS 8W, A19 WARM GLOW LED DIMMABLE BULB. PROVIDE WET LOCATION RATED FIXTURE.
- PROVIDE COLD LOCATION RATED BALLAST.
- PROVIDE 1 CIRCUIT SURFACE TRACK REFER TO PLANS FOR TRACK LENGTH AND CONFIGURATION. PROVIDE ALL NECESSARY POWER FEEDS AND ACCESSORIES FOR COMPLETE INSTALLATION. TRACK AND COMPONENT FINISHES TO MATCH FIXTURE. PROVIDE EACH TRACK RUN WITH 3 AMP CURRENT LIMITER.
- PROVIDE EMERGENCY BATTERY MINIMUM OF 1000 LUMENS FOR 90 MINUTES





## **DUCT SMOKE DETECTOR DIAGRAM** NOT TO SCALE

#### **CONTACTOR SCHEDULE** ELECTRICAL NOTES DESCRIPTION **POLES** CIRCUITS AMPS, WIRE ZONE 1 ELECTRIC HEATERS 30A, 2W P3 1-24 1,2 C2 ZONE 2 ELECTRIC HEATERS 1,2 30A, 2W P3 25-41,43 18 C3 ZONE 3 ELECTRIC HEATERS 30A, 2W P3 42,44-56 NOTES LEGEND

PROVIDE HOA SWITCH THROUGH FRONT COVER. 2. CONTRACTOR SHALL BE CONTROLLED VIA SCENE CONTROLLER. OPEN CONTRACTS SHALL TURN ELECTRIC HEAT OFF AND CLOSED CONTACTS SHALL TURN ELECTRIC HEAT ON.

**TYPICAL WIRING OF CONTROLS AND LIGHT FIXTURES** THE WIRING AND/OR TIC MARKS SHOWN BELOW ARE NOT SHOWN ON PLANS FOR CLARITY. PROVIDE WIRING FROM JUNCTION BOX(ES) TO SWITCHES/CONTROLLERS AND LIGHTS AS SHOWN BELOW FOR EACH ROOM/AREA. LINE VOLTAGE STANDARD WALL SWITCHES LIGHT FIXTURE(S) STANDARD SWITCH OR TO PANELBOARD OR OTHER PROVIDE 'HOT' CONDUCTOR ROOMS AS SHOWN ON PLANS WHERE FIXTURE IS SHOWN (TYPICAL) TO HAVE EM BATTERY/BALLAST 3-WAY WALL SWITCHES - 4-WAY SWITCH(ES) (WHERE SHOWN) LIGHT FIXTURE(S) 3-WAY SWITCHES - - S-TO PANELBOARD OR OTHER PROVIDE 'HOT' CONDUCTOR ROOMS AS SHOWN ON PLANS WHERE FIXTURE IS SHOWN (TYPICAL) \_ TO HAVE EM BATTERY/BALLAST LINE VOLTAGE CEILING SENSORS LIGHT FIXTURE(S) SENSOR — • (MX) > || (1) || (1) || (1) || (2) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1) || (1 TO PANELBOARD OR OTHER ROOMS AS SHOWN - 11 PROVIDE 'HOT' CONDUCTOR ON PLANS (TYPICAL) — (BYPASSED AROUND OVERRIDE SWITCH) WHERE FIXTURE IS SHOWN TO HAVE EM BATTERY OR BALLAST ROOM CONTROLLERS / POWER PACKS JUNCTION BOX (NOT SHOWN ON PLANS FOR CLARITY) -— ROOM CONTROLLER (TYPICAL) LOW VOLTAGE WIRING TO SWITCH(ES) AND SENSOR(S). REFER - LIGHT FIXTURE(S) TO DETAILS FOR WIRING OF SAME. TO OTHER ROOM CONTROLLERS - PROVIDE 'HOT' CONDUCTOR (IF SHOWN ON PLANS) \_ WHERE FIXTURE IS SHOWN TO HAVE EM BATTERY/BALLAST SECOND RELAY (IF SHOWN) — (TYPICAL)

ROOM CONTROLLER SCHEDULE						
				RELAYS		
MARK	MANUFACTURER	MODEL	NO.	TYPE	VOLTAGE	
RCD1	WATTSTOPPER	LMRC-211	1	DIMMING (0-10V)	120 V	
RCD2	WATTSTOPPER	LMRC-212	2	DIMMING (0-10V)	120 V	
RC1	WATTSTOPPER	LMRC-101	1	ON/OFF	120 V	
RC2	WATTSTOPPER	LMRC-102	2	ON/OFF	120 V	

	LIGHTING CONTROL DEVICE SCHEDULE					
MARK	MANUFAC.	MODEL	DESCRIPTION	VOLTAGE		
CEILING S	ENSORS					
М1	WATTSTOPPER	LMDC-100	DUAL-TECHNOLOGY CEILING SENSOR. 24V OPERATION WITH CAT5 CONNECTION.	24 V		
М2	WATTSTOPPER	DT-355	DUAL-TECHNOLOGY CEILING SENSOR. LINE VOLTAGE.	120 V		
SWITCHES	S					
L#	WATTSTOPPER	LMSW-100 SERIES	DIGITAL DECORA PUSHBUTTON SWITCH WITH LED PILOT LIGHT. CAT5 CONNECTION TO CONTROLLER. # REFERS TO QUANTITY OF BUTTONS ON FACE.	24 V		
LD1	WATTSTOPPER	LMDM-101	DIGITAL DECORA DIMMING SWITCH WITH LED PILOT AND INDICATING LIGHTS. CATS CONNECTION TO CONTROLLER.	24 V		
WALL SEN	ISORS					
М	WATTSTOPPER	DSW-100	DUAL-TECHNOLOGY WALL SENSOR. LINE VOLTAGE.	120 V		

## **GENERAL LIGHTING NOTES**

- 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
- 2. LIGHT FIXTURES INDICATED AS EMERGENCY FIXTURES ARE TO FUNCTION AS NIGHT LIGHTS UNLESS SPECIFICALLY SHOWN SWITCHED.
- 3. ALL CIRCUITING SHOWN ON THIS PLAN IS DIAGRAMMATIC. 3.1. ALL FIXTURES SHALL BE FED FROM JUNCTION BOXES WITH LIGHT FIXTURE WHIPS (<6'). DAISY-CHAINING OF FIXTURES IS NOT ALLOWED. 3.2. SWITCH BOX LOCATIONS SHALL BE WIRED SO THAT A NEUTRAL WIRE IS
- AVAILABLE AT THE SWITCH BOX LOCATION, EITHER IN THE BOX OR AVAILABLE TO BE ADDED VIA RACEWAY OR AN ACCESSIBLE WALL CAVITY.
- 3.3. WALL SWITCHES FOR SEPARATE LOAD TYPES (EM/NORMAL, 120/277V, ETC.) SHALL NOT BE IN A SINGLE BOX.

3.4. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

ÉLI	ECTRIC UI	VIT HEAT	TER SCI	HEDULE	
PLAN MARK	MANUFACTURER	MODEL NUMBER	CAPACITY (WATTS)	ELECTRICAL	NOTES
EUH-1	KING ELECTRIC	RK2030-RMT-BLK	3000 WATTS	208V., 1ø, 20 AMP	1

- NOTES LEGEND 1. PROVIDE WITH REMOTE CONTROLLER AND SERVICE DISCONNECT. CONTROLLER SHALL CONTROL MULTIPLE HEATERS ON THE SAME ZONE. SEE POWER PLANS AND CONTRACTOR SCHEDULE FOR ZONES. INSTALL PER MANUFACTURERS INSTRUCTIONS
- 2. CONNECT EACH HEATER VIA (2) #12 & (1) #12 GRD IN 3/4" C. THOUGH LIGHTING CONTACTOR INDICATED ON PLANS

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Lee's Summit, Missouri

640 N Lasalle 312 337 3344 Noted on Plans Review Suite 400 Urban Planning Development Services Departmen

Chicago Illinois 60654

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## 30hop SOWP

owner

1020 NW Pryor Road, Lees Summit, MO 64081 30hop

	date	description
	05.02.24	Issue For Permit
<u>\( \) \( \) \( \) \( \)</u>	05.22.24	Permit Revision
<b>3</b>	07.02.24	Permit Revision
6	08.30.24	Gas Heaters
	09.17.24	Electrical Revisions

	00.02.27	issue For Permit
	05.22.24	Permit Revision
3	07.02.24	Permit Revision
6	08.30.24	Gas Heaters
곗	09.17.24	Electrical Revisions
		ļ.

orientation

232882 project number As Noted scale 8/30/2024 Electrical Details sheet title

sheet number

PANEL DESIGNATION:		#	#	700000000000000000000000000000000000000		AMPS: 600 SCCR RATING (AIC): 35,000 EAKER: 600										
MOUNTING:	ING: SURFACE								VOL	DLTAGE: 208/120						
LOCATION:						2	וארט	F	PHASE	/WIRE:	3Ø, 4W					
	PHASE			C/B			5	C/B			PHASE					
DESCRIPTION	АВ		С	TRIP POLE		1		POLE TRII		Α	ВС		DESCRI	PTION		
DISHWASHER	13367			125	3	1	2	3	20	22880			PA	NELBOARD F		
-		13367		-	-	3	4	-			23080					
-			13367	-	-:	5	6	-	1-1			32440				
RTU-2	6167			70	3	7	8	3	200	11640			PA	NELBOARD F		
¥		6167		•	*	9	10	-			8600					
-			6167	-	-	11	12	-	-			10870				
RTU-3	4200			50	3	13	14	1	-	-				SPAC		
-		4200		-	-	15	16	1	13-1		-		SPA			
-			4200	-	-	17	18	1	1			-		SPAC		
SPACE	•			-	1	19	20	1	-	-			SPA			
SPACE		-		÷	1	21	22	1	-		-			SPAC		
SPACE			-	-	1	23	24	1	-			-		SPAC		
TOTALS	23733	23733	23733							34520	31680	43310	TOTALS			
P	ANELB	OARD	SIZING	LOAD	)					1		CONN	NECTED PHASE I	OADS		
LOAD DESCRIPTION							COD	E MIN.	(VA)		PH	ASE	VA	AMPS		
LIGHTS	4,5	20		1.25				5,650		1		۹	58,253	485.1		
RECEPTACLES	13,	980	10KV	A + 50%	REST			11,990		1	I	3	55,413	461.4		
MOTORS	7,9	10	5 x LARG.	EST + SU	M OF RES			8,833		1	(	C	67,043	558.3		
AIR CONDITIONING	31,	100	1.00				31,100				TOT	ALS	180,710	501.6		
SPACE HEATING	8	00		0.00				0								
HEAT PUMP		)		1.00				0		<u>REMARKS:</u>						
CONTINUOUS		)	1.25				0		1. EATON POW-R-LINE 2X OR EQUAL.							
NON-CONTINUOUS	83,	180		1.00				83,180			2.					
MISC. LOADS 1		)		1.00				0			3.					
SIZING LOAD:							1.	166,246	6		4.					

PANEL DESIGNATION:			#	MAIN LUG AMPS: 225 SCCR RATING (AIC): 35,000 MAIN BREAKER: 200											
MOUNTING: LOCATION:		CIRCUIT	F	VOL HASE	TAGE: /WIRE:										
		PHASE		C/B				C			PHASE				
DESCRIPTION	A B		С	TRIP	POLE	1		POLE TRIP		Α	В	С	DESCRI	DESCRIPTION	
RTU-1	6167			70	3	1	2	1	-	-				SPACE	
-		6167			-	3	4	1	-		-			SPACI	
-			6167	-	-	5	6	1	-			-		SPACE	
MAU-1	7367			80	3	7	8	1	-	-				SPACE	
-		7367		-	-	9	10	1	-		-			SPACE	
2			7367	•	-	11	12	1	-			Ŧ		SPACE	
RTU-4	4200			50	3	13	14	1	-	-			SPACE		
-		4200		-	-	15	16	1	-		1-1		SPAC		
-			4200	•	-	17	18	1	-			-	SPACE		
SPACE	•			•	1	19	20	1	-	1			SPACE		
SPACE		-		•	1	21	22	1	*		1-		SPACE		
SPACE			-	-	1	23	24	1	-			-		SPACI	
TOTALS	17733	17733	17733							0	0	0	TOTALS		
P	ANELB	OARD	SIZING	LOAD	)							CONI	NECTED PHASE L	OADS	
OAD DESCRIPTION CONNECTED DEMAND							OD	E MIN.	(VA)		PH	ASE	VA	AMPS	
LIGHTS		0 1.25						0				4	17,733	147.7	
RECEPTACLES	(	)	10KV	A + 50%	REST			0			В		17,733	147.7	
MOTORS	(	XLARGEST + SUM OF RES				4		0			(	)	17,733	147.7	
AIR CONDITIONING	53,	200	1.00					53,200			ТОТ	ALS	53,200	147.7	
SPACE HEATING	(	)		0.00				0							
HEAT PUMP	AT PUMP 0 1.00				0		<u>REMARKS:</u>								
CONTINUOUS	NUOUS 0 1.25					0		1. EATON POW-R-LINE 2X OR EQUAL.							
NON-CONTINUOUS	(	)		1.00				0			2.				
MISC. LOADS 1	(	)		1.00				0			3.				
			S	IZING I	LOAD:			53,200			4. 5.				

PANEL DESIGNATION:		*			N LUG IN BRE	AKER:	M.L.O.	SCC	CR RATING (AIC):	35,000						
MOUNTING: SURFACE										TAGE: 208/120						
LOCATION:	-	C/B					PHASE				T					
DESCRIPTION	Α	PHASE B	С	TRIP	POLE	-	ر	POLE	TRIP	Α	PHASE B	С	DESCRIP	TION		
REC-KITCHEN -GFI	1080			20	1	1	2	1	20	1200			WALK-IN	COOLER-GFI		
PORTABLE OIL FILTER-GFI		1800		20	1	3	4 (	2	30	<del></del>	2670	<del>_</del>	COOLER	CONDENSER		
BAG-IN-BOX SYSTEM-GFI			1800	20	1	5	6	-	-			2670		1-		
S/S WORK TABLE-GFI	1800			20	1	7	8	1	20	1800				COOLER COIL		
S/S WORK TABLE-GFI		1800		20	1	9	10	1	20		1200			FREEZER-GFI		
HAND MIXER-GFI	, , , , , , , , , , , , , , , , , , ,		1200	20	1	11	12	2	35		*	3040	FRÉEZER	CONDENSER		
FOOD SLICER-GFI	180			20	1	13	14	-	-	3040						
FOOD PROCESSOR-GFI		1440		20	1	15	16	2	20	مےمےم	1800	<u> </u>	FI	REEZER COIL		
ICE MAKER-GFI			1450	20	2	17	18	-	-			1800		-		
-	1450			-	-	19	20	2	20	1800			DRAIN LINE	HEATER-GFI		
MEGA TOP PREP REF-GFI		340		20	1	21	22	-	-		1800			-		
HEAT LAMP-GFI			1600	20	1	23	24	1	20			1200	BEER	COOLER-GFI		
REC-KITCHEN -GFI	540	<del></del>	<b></b>	20	1	25	26	2	20	1940			BEER COOLER	CONDENSER		
REFRIGERATED WORKTOP-GFI		580		20	1	27	28	-	-		1940			-		
PANINI GRILL-GFI			1600	20	2	29	30	1_				1800	BEER	COOLER COIL		
-	1600			-	-	31	32	1	20	720			REFRIGERATED EQUI	P STAND-GFI		
REFRIGERATED WORKTOP-GFI		240		20	1	33	34	1						SHUNT TRIP		
HEAT LAMP-GFI			2800	30	1		36	1	20			1440	BATTER	Y FRYER-GRI		
FOOD WARMER-GFI	1000			20	1	37	38	7						SHUNT TRIP		
REC-KITCHEN -GFI		540		20	1		40	1	20		1800		EX	HAUST HOOD		
HEAT LAMP-GFI			2800	25	1	41	42	1	20			1800				
REC-KITCHEN -GFI	360		, , , , , , ,	20	1		44	1	20	220		35 35 53 53	UNDERCOUNTER	FREEZER-GFI		
PREP REFRIGERATOR-GFI		700		20	1_1_	_	46	1	20		280		UNDERCOUNTE	R FRIDGE-GFI		
HOOT FOOD SERVING-GFI			1500	20	1		48	1	20			290		SPENSER-GFI		
SPARE-GFI	-			-	1	(	50	1	20	720			REFRIGERATED EQUI			
PREP REFRIGERATOR-GFI	~~^ <u>~</u>	720	~ ~~	20	1		52	1			-			SHUNT TRIP		
UNDER COUNTER FREEZER-GFI			220	20	7		54	3	40			3430	MULTICO	OK OVEN-GFI		
SPACE	-			-	1	1	56	1777	-	3430						
SPACE		-		_	1 /	/	58	r	_		3430					
SPARE-GFI			-	<u>-</u>	1	_	60	<u> </u>	_					SHUNT TRIP		
TOTALS	8010	8160	14970			00	00			14870	14920	17470	TOTALS			
TOTALO				]												
P	Marie Color of Acres	OARD	the end with the street of the									1 7 7 7 7 7 8 8 8 8 8 8	NECTED PHASE LO	DADS		
LOAD DESCRIPTION	CONN	ECTED		EMAN	D	C	OD	E MIN.	(VA)		PHA	SE	VA	AMPS		
LIGHTS		0		1.25				0			/	4	22,880	190.5		
RECEPTACLES	2,5	520		'A + 50%				2,520				3	23,080	192.2		
MOTORS		0	5 x LA R G	EST + SU.	M OF RE	4		0			(		32,440	270.1		
AIR CONDITIONING	11	0		1.00				0			TOT	ALS	78,400	217.6		
SPACE HEATING	li li	0		0.00				0								
HEAT PUMP	1	0		1.00				0			REMARK	<u>(S:</u>				
CONTINUOUS									_	1	4 FATON BOW B LINE BY OR FOUND					

0

36,660

0

64,673

180

CONTINUOUS

MISC. LOADS 1

NON-CONTINUOUS

0

36,660

0

1.25

1.00

1.00

SIZING LOAD (AMPS):

SIZING LOAD:

	PANEL DESIGNATION:	D2									AMPS:		SCC	CR RATING (AI	C): 35,000
	TANLE DESIGNATION.			# MAIN BREAKER: M.L.O.											
	MOUNTING:		Ξ	VOLTAGE: 208/120 PHASE/WIRE: 3Ø, 4W C/B PHASE											
	LOCATION: MECH 104								F	PHASE	/WIRE:	3Ø, 4W			
	DESCRIPTION	Ì	PHASE		C/B			5	C/B		PHAS			DESC	RIPTION
	DESCRIPTION	Α	В	С	TRIP	POLE			POLE	TRIP	Α	В	С	DESC	KIFTION
	REC-RESTAURANT	720			20	1	1	2	1	20	1000				LIGHT UP SIG
	REC-RESTAURANT		540		20	1	3	4	1	20		1000			LIGHT UP SIG
7	REC-RESTAURANT			540	20	1	5	6	1	20			1000		LIGHT UP SIG
	REC-RESTAURANT	540			20	1	7	8	1	20	1150			LIGHTING-	KITCHEN/OFFIC
	REC-RESTAURANT		540		20	1	9	10	1	20		750		Lie	GHTING-HOST/R
	REC-HOST			540	20	1	11	12	1	20			540	LIGHTII	NG-RESTAURAN
7	REC-OFFICE	720			20	1	13	14	1	20	1160				LIGHTING-BA
	REC-RESTROOMS		540		20	1	15	16	1	20		320			LIGHTING-PATI
	REC-CLOSET			720	20	1	17	18	1	20			1500	PAT	TIO CEILING FAN
	REC-BAR - GFI	900			20	1	19	20	1	20	1800				BULK CO2 TAN
	REC-BAR - GFI		720		20	1	21	22	1	15		700			EF-
	REC-BAR - GFI			1080	20	1	23	24	1	15			520		DEF-
	UNDERCOUNTER DISHWASHER-GFI	420			20	1	25	26	3	20	1000				KEF
ľ	REC-BAR TVS		360		20	1	27	28	-			1000			
	REC-MECH			360	20	1	29	30	-	-			1000		
	WATER HEATER-1	200			20	1	31	32	3	20	1230				KEF-
,	WATER HEATER-2		200		20	1	33	34	-			1230			
	WATER HEATER-3			200	20	1	35	36	-	11=			1230		
`	WATER HEATER-4	200			20	1	37	38	1	20	600			LIG	HTING INVERTE
	WATER HEATER-5		200		20	1	39	40	1	20		500			FIRE PI
4	REFRIGERATED CABINET-GFI		V	840	20	1)	41	42(	1	15			800		ÀS UNIŤ HEĂTEŘ
	SPARE	-•• -		<u> </u>	20	1	43	44	7	20					SPAR
Ī	SPARE		-		20	1		46	1	20		-			SPAR
	SPARE			1-1	20	1	47	48	1	20			-		SPAR
ľ	SPARE	-			20	1	49	50	1	-	-				SPAC
7	SPARE		-		20	1	51	52	1	-		-			SPAC
Ī	SPARE			-	20	1	53	54	1	-			-		SPAC
Ī	SPACE	-			-	1	55	56	1	-	-				SPAC
	SPACE		-		-	1	57	58	1	-		-			SPAC
	SPACE				-	1	59	60	1	-			-		SPAC
	TOTALS	3700	3100	4280		•					7940	5500	6590	TOTALS	
-	PA	NELBC	ARD S	IZING	LOAD								CONI	NECTED PHAS	E LOADS
	LOAD DESCRIPTION				DEMAN	D	С	OD	E MIN.	(VA)		PH	ASE	VA	AMPS
F	LIGHTS	CONNECTED   DEMAND   4,520   1.25							5,650	. ,			<b>A</b>	11,640	96.9

LARGEST + SUM OF RE

0.00

1.00

1.00

1.25

1.00

SIZING LOAD (AMPS):

SIZING LOAD:

8,833

6,420

32,433

10,870

TOTALS 31,110 86.4

1. EATON POW-R-LINE 2X OR EQUAL.

REMARKS:

90.5

7,910

800

6,420

MOTORS

1. EATON POW-R-LINE 2X OR EQUAL.

AIR CONDITIONING

NON-CONTINUOUS

SPACE HEATING **HEAT PUMP** 

CONTINUOUS

MISC. LOADS 1

CONSTRUCTION 640 N Lasalle 312 337 3344 Noted on Plans Review Suite 400 Urban Planning Development Services Department Chicago Illinois 60654 Lee's Summit, Missouri 09/17/2024

RELEASED FOR

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# 30hop SOWP

owner

1020 NW Pryor Road, Lees Summit,MO 64081 30hop

	date	description
	05.02.24	Issue For Permit
<u>3</u>	07.02.24	Permit Revision
4	07.23.24	Kitchen Equipment Rev
6	08.30.24	Gas Heaters
À	09.17.24	Electrical Revisions

orientation project number

232882 As Noted 8/30/2024

sheet title Panelboard Schedules

sheet number

E302