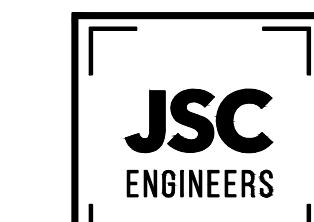


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LOT 10 LAKEWOOD
BUSINESS PARK
LOT 10 I-470 BUSINESS PARK
LEE'S SUMMIT, MO 64064

REVISIONS	NO.	DATE / DESCRIPTION
1.	09.24.2021	PHOTOMETRIC PLAN
2.	07.29.2022	OWNER CHANGES

PROJECT #: 21-049

ISSUE DATE: 06/11/2021

ISSUED FOR: PERMIT

ELECTRICAL SCHEDULES

E-302

PANELBOARD: A (NEW)					FED FROM: MDP					LINE-SIDE LUGS: MECHANICAL					
BUS AMPS: 400A					AIC RATING: 65000 FULLY RATED					EQUIPMENT GROUND BUS					
MAIN SIZE/TYPE: MLO					SERVES: EAST WAREHOUSE										
VOLTS/PHASE: 208Y/120V, 3PH, 4W					MOUNTING: SURFACE										
SECTION: 1					LOCATION: SOUTH WALL					SERVICE ENTRANCE RATED					
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	
		A	B	C						A	B	C			
1	LTG - WAREHOUSE 1	704			10	20	1	1	20	10	1,056		LTG - WAREHOUSE 6	2	
3	LTG - WAREHOUSE 2		1,056		10	20	1	1	20	10		1,056	LTG - WAREHOUSE 7	4	
5	LTG - WAREHOUSE 3			1,056	10	20	1	1	20	12		540	RCPT - WAREHOUSE 1	6	
7	LTG - WAREHOUSE 4	1,056			10	20	1	1	20	12	720		RCPT - WAREHOUSE 2	8	
9	LTG - WAREHOUSE 5		1,056		10	20	1	1	20				SPARE	10	
11														12	
13	PWR - RTU-1	7,333		7,333	4	70	3	3	70	4	7,333		PWR - RTU-2	14	
15			7,333									7,333		16	
17				4,667									2,268	18	
19	PWR - RTU-3	4,667			6	50	3	3	100	3	1,380		SUBFEED TO PNL 'B'	20	
21			4,667									360		22	
23	PWR - OVERHEAD DOOR			800	12	20	1	1	20				SPACE	24	
25	PWR - OVERHEAD DOOR	800			12	20	1	1	20				SPACE	26	
27	PWR - OVERHEAD DOOR		800		12	20	1	1	20				SPACE	28	
29	PWR - OVERHEAD DOOR			800	12	20	1	1	20				SPACE	30	
31	PWR - OVERHEAD DOOR	800			12	20	1	1	20				SPACE	32	
33	PWR - OVERHEAD DOOR		800		12	20	1	1	20				SPACE	34	
35	PWR - OVERHEAD DOOR			800	12	20	1	1	20				SPACE	36	
37	SPACE												SPACE	38	
39	SPACE												SPACE	40	
41	SPACE												SPACE	42	
SUBTOTAL		15,360	15,712	15,456							10,489	8,749	10,141	SUBTOTAL	
TOTAL PHASE A - VA		25,848	LOAD		CONN VA		DF	LOAD		CONN VA		DF			
AMPS		215	COOLING		57,999		1.00	REFRIG				1.00			
TOTAL PHASE B - VA		24,461	HEATING				0	SIGN/DISP				1.25			
AMPS		204	LIGHTING		7,268		1.25	KITCHEN				1.00			
TOTAL PHASE C - VA		25,597	RECEPTACLES		3,060		1.0/5	EXISTING				1.00			
AMPS		213	MOTORS		5,600		1.00	LRG MOTOR				1.25	TOTAL DEMAND		
TOTAL PNLBD - VA		75,907	SUPP HEAT		1,500		1.00	SHOW WNDW				1.25	77,724 VA		
AMPS		211	MSC EQUIP		480		1.00	LTG TRACK				1.00	216 A		
PANELBOARD NOTES															

PANELBOARD: C (NEW)										FED FROM: MDP										LINE-SIDE LUGS: MECHANICAL									
BUS AMPS: 225A										AIC RATING: 65000 FULLY RATED										EQUIPMENT GROUND BUS									
MAIN SIZE/TYPE: MLO										SERVES: WEST WAREHOUSE 2																			
VOLTS/PHASE: 208Y/120V, 3PH, 4W										MOUNTING: SURFACE																			
SECTION: 1										LOCATION: SOUTH WALL										SERVICE ENTRANCE RATED									
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.															
		A	B	C						A	B	C																	
1	LTG - WAREHOUSE	880			12	20	1	1	20	12	90		LTG - OFFICE / RESTROOM	2															
3	RCPT - OFFICE		900		12	20	1	1	20	12		900	RCPT - GENERAL 1	4															
5	RCPT - RESTROOM			180	12	20	1	1	20	12			540	RCPT - GENERAL 2	6														
7	SPARE				20	1	1	1	20	12	1,200		PWR - FURNACE	8															
9	PWR - CU-1		1,650		10	25	2	1	20	12		1,500	PWR - WATER HEATER	10															
11				1,650					1	20	12		1,300	PWR - WALL HEATER	12														
13	PWR - UNIT HTR	1,300			12	20	1	2	15	12	1,000		PWR - BIG ASS FAN	14															
15	SPARE				20	1						1,000		16															
17	SPARE				20	1	1	1	20	12			800	PWR - OVERHEAD DOOR	18														
19	SPARE				20	1	1	1	20					SPARE	20														
21	SPACE													SPACE	22														
23	SPACE													SPACE	24														
25	SPACE													SPACE	26														
27	SPACE													SPACE	28														
29	SPACE													SPACE	30														
31	SPACE													SPACE	32														
33	SPACE													SPACE	34														
35	SPACE													SPACE	36														
37	SPACE													SPACE	38														
39	SPACE													SPACE	40														
41	SPACE													SPACE	42														
SUBTOTAL		2,180	2,550	1,830							2,290	3,400	2,640	SUBTOTAL															
TOTAL PHASE A - VA		4,470	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF																	
AMPS		37	COOLING		4,500		1.00	REFRIG				1.00																	
TOTAL PHASE B - VA		5,950	HEATING		2,600		0	SIGN/DISP				1.25																	
AMPS		50	LIGHTING		970		1.25	KITCHEN				1.00																	
TOTAL PHASE C - VA		4,470	RECEPTACLES		2,520		1.0/5	EXISTING				1.00																	
AMPS		37	MOTORS		2,800		1.00	LRG MOTOR				1.25	TOTAL DEMAND																
TOTAL PNLBD - VA		14,890	SUPP HEAT		1,500		1.00	SHOW WNDW				1.25	12,533 VA																
AMPS		41	MSC EQUIP				1.00	LTG TRACK				1.00	35 A																
PANELBOARD NOTES																													

PANELBOARD: B (NEW)										FED FROM: PANEL 'A'										LINE-SIDE LUGS: MECHANICAL									
BUS AMPS: 100A										AIC RATING: 65000 FULLY RATED										EQUIPMENT GROUND BUS									
MAIN SIZE/TYP: MLO										SERVES: WAREHOUSE OFFICES																			
VOLTS/PHASE: 208Y/120V, 3PH, 4W										MOUNTING: SURFACE																			
SECTION: 1										LOCATION: WAREHOUSE JANITOR CLST																			
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			MIRE NO.	BKR AMP	P	F	BKR AMP	MIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.														
		A	B	C							A	B	C																
1	LTG - OFFICE / RESTROOMS	228			12	20	1	1	20	12	1,500			PWR - WATER HEATER	2														
3	RCPT - OFFICE		900		12	20	1	1	20	12		480		PWR - DRINKING FOUNTAIN	4														
5	RCPT - RESTROOM GFI			360	12	20	1	1	20					SPARE	6														
7	RCPT - ENTRY / JANITOR	540			12	20	1	1	20					SPARE	8														
9	SPARE				20	1	1	1	20					SPARE	10														
11	SPARE				20	1	1	1	20					SPARE	12														
13	SPARE				20	1	1	1	20					SPARE	14														
15	SPACE													SPACE	16														
17	SPACE													SPACE	18														
19	SPACE													SPACE	20														
21	SPACE													SPACE	22														
23	SPACE													SPACE	24														
25	SPACE													SPACE	26														
27	SPACE													SPACE	28														
29	SPACE													SPACE	30														
SUBTOTAL		768	900	360							1,500	480		SUBTOTAL															
TOTAL PHASE A - VA		2,268			LOAD		CONN. VA		DF	LOAD		CONN. VA		DF															
AMPS		19			COOLING				1.00	REFRIG				1.00															
TOTAL PHASE B - VA		1,360			HEATING				0	SIGN/DISP				1.25															
AMPS		12			LIGHTING		228		1.25	KITCHEN				1.00															
TOTAL PHASE C - VA		360			RECEPTACLES		1,800		1.0/0.5	EXISTING				1.00															
AMPS		3			MOTORS				1.00	LRG MOTOR				1.25															
TOTAL PNLBD - VA		4,008			SUPP HEAT		1,500		1.00	SHOW WINDOW				1.25	TOTAL DEMAND														
AMPS		11			MSC EQUIP		480		1.00	LTG TRACK				1.00	4,065 VA														
															11 A														
PANELBOARD NOTES																													