



ARCHITECTURE PLANNING INTERIOR DESIGN

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26620 FM 1093 RD  
KATY, TEXAS 77494

Project Number : 8925

### BRANCH PANEL: L2

LOCATION: DATA & ELECTRICAL 120  
SUPPLY FROM: DP  
MOUNTING: SURFACE  
ENCLOSURE: Type 1

VOLTS: 120/208 Wye  
PHASES: 3  
WIRES: 4

A.I.C. RATING:  
MAINS TYPE: MLO  
MAINS RATING: 100 A  
MCB RATING:

NOTES:

CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT	
1	REFRIG 109	#10	20 A	1	0.5 kVA	1.2 kVA		1	20 A	#10	HAND DRYER 112A	2	
3	DISPOSAL 109	#10	20 A	1		0.5 kVA	1.2 kVA	1	20 A	#10	HAND DRYER 112B	4	
5	RECEPTACLE 109	#10	20 A	1			0.2 kVA	0.5 kVA	1	20 A	#12	RECEPTACLES 101, 112B	6
7	RECEPTACLE 109	#10	20 A	1	0.2 kVA	0.5 kVA			1	20 A	#12	RECEPTACLES 101, 110	8
9	MICROWAVE 109	#10	20 A	1		1.0 kVA	1.1 kVA		1	20 A	#12	RECEPTACLES 114	10
11	RECEPTACLE 109	#10	20 A	1			0.2 kVA	0.4 kVA	1	20 A	#12	RECEPTACLES 114	12
13	RECEPTACLE 109	#10	20 A	1	0.2 kVA	0.7 kVA			1	20 A	#12	RECEPTACLES 114, 117	14
15	RECEPTACLE 109	#10	20 A	1		0.2 kVA	0.5 kVA		1	20 A	#12	TELLER VIDEO 115	16
17	RECEPTACLE 109	#10	20 A	1			0.9 kVA	0.5 kVA	1	20 A	#12	TELLER AUDIO 115	18
19	RECEPTACLE 107, 108	#10	20 A	1	0.7 kVA	0.5 kVA			1	20 A	#12	TELLER SWITCHER 115	20
21	RECEPTACLE 151, 106	#10	20 A	1		0.7 kVA	0.5 kVA		1	20 A	#12	NIGHT DEPOSIT 115	22
23	RECEPTACLE 101, 105, 106, 107, 108	#10	20 A	1			1.3 kVA	0.7 kVA	1	20 A	#12	RECEPTACLES 115	24
25	HAND DRYER 102	#10	20 A	1	1.2 kVA	0.7 kVA			1	20 A	#12	RECEPTACLES 115	26
27	HAND DRYER 103	#10	20 A	1		1.2 kVA	0.7 kVA		1	20 A	#12	RECEPTACLES 115	28
29	RECEPTACLE 102, 103	#12	20 A	1			0.4 kVA	1.0 kVA	1	20 A	#12	PNEUMATIC TUBE	30
31	EDF 101	#10	20 A	1	0.5 kVA	1.0 kVA			1	20 A	#12	PNEUMATIC TUBE	32
33	RECEPTACLE ATTIC	#12	20 A	1		0.2 kVA	0.2 kVA		1	20 A	#10	RECEPTACLES 110	34
35	SAFE DEPOSIT JUNCTION BOX	#10	20 A	1			1.2 kVA	0.0 kVA	1	20 A		SPARE	36
37	SPARE	20 A	1		0.0 kVA	0.0 kVA			3	30 A		SPD2	38
39	SPARE	20 A	1			0.0 kVA	0.0 kVA		--	--	--	--	40
41	SPARE	20 A	1				0.0 kVA	0.0 kVA	--	--	--	--	42
					<b>TOTAL LOAD:</b>	7960 VA	7960 VA	7200 VA					
					<b>TOTAL AMPS:</b>	67 A	67 A	60 A					

LEGEND:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Power	12500 VA	100.00%	12500 VA	
Receptacle	10620 VA	97.06%	10310 VA	
				<b>TOTAL CONN. LOAD:</b> 23120 VA
				<b>TOTAL EST. DEMAND:</b> 22810 VA
				<b>TOTAL CONN.:</b> 64 A
				<b>TOTAL EST. DEMAND:</b> 63 A

NOTES:

\* - EXTERIOR LIGHTING CONTROL:  
AUTO OFF WHEN DAYLIGHT AVAILABLE. FACADE, LANDSCAPE LIGHTS AUTO OFF WITH FUNCTION OF DUSK/DAWN AND OPEN CLOSE TIME.  
REDUCE LIGHTING >= 30% NO LATER THAN MIDNIGHT TO 6am, ONE HOUR AFTER CLOSING TO ONE HOUR BEFORE OPENING, OR WHEN NO ACTIVITY FOR > 15 MINUTES.  
PROVIDE 20A POWER PACK(S) AS REQUIRED.

### BRANCH PANEL: L3

LOCATION: DATA & ELECTRICAL 120  
SUPPLY FROM: DP  
MOUNTING: SURFACE  
ENCLOSURE: Type 1

VOLTS: 120/208 Wye  
PHASES: 3  
WIRES: 4

A.I.C. RATING:  
MAINS TYPE: MLO  
MAINS RATING: 100 A  
MCB RATING:

NOTES:

CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT		
1	ANTI-CONDENSATION HEATER	#10	20 A	2	1.0 kVA	0.7 kVA			1	20 A	#12	RECEPTACLES 115, 116	2	
3		--	--	--		0.0 kVA	0.5 kVA			1	20 A	#12	RECEPTACLES 116	4
5	BATTERY CHARGER	#10	20 A	1			1.0 kVA	0.9 kVA	1	20 A	#12	RECEPTACLES 101, 117, 119, 125	6	
7	JACKET HEATER	#10	20 A	1	1.0 kVA	1.2 kVA			1	20 A	#12	COPIER 119	8	
9	RECEPTACLES POPCORN MACHINE 101	#12	20 A	1		1.0 kVA	0.4 kVA			1	20 A	#12	RECEPTACLES 119	10
11	MINI REFRIGIDE 101	#12	20 A	1			0.5 kVA	0.4 kVA	1	20 A	#12	RECEPTACLES 119	12	
13	RECEPTACLES 101	#12	20 A	1	0.4 kVA	1.1 kVA			1	20 A	#12	RECEPTACLES 120, 121	14	
15	RECEPTACLES EXTERIOR	#10	20 A	1		0.7 kVA	0.9 kVA		1	20 A	#12	RECEPTACLES 101, 120	16	
17	RECEPTACLES 118	#12	20 A	1			0.4 kVA	1.1 kVA	1	20 A	#12	RECEPTACLES 122, 123, 124	18	
19	RECEPTACLES 118	#12	20 A	1	0.2 kVA	1.1 kVA			1	20 A	#12	RECEPTACLES 100, 122, 123, 124	20	
21	RECEPTACLES 118	#10	30 A	2		0.2 kVA	0.4 kVA			1	20 A	#12	DOOR OPENER	22
23		--	--	--			0.0 kVA	0.0 kVA	1	20 A		SPARE	24	
25	RECEPTACLES 118	#10	30 A	2	0.2 kVA	0.0 kVA			1	20 A		SPARE	26	
27		--	--	--		0.0 kVA	0.0 kVA			1	20 A		SPARE	28
29	SPARE	20 A	1			0.0 kVA	0.0 kVA			1	20 A		SPARE	30
31	SPARE	20 A	1		0.0 kVA	0.0 kVA				1	20 A		SPARE	32
33	SPARE	20 A	1			0.0 kVA	0.0 kVA			1	20 A		SPARE	34
35	SPARE	20 A	1			0.0 kVA	0.0 kVA			1	20 A		SPARE	36
37	SPARE	20 A	1		0.0 kVA	0.0 kVA			3	30 A		SPD2	38	
39	SPARE	20 A	1			0.0 kVA	0.0 kVA		--	--	--	--	40	
41	SPARE	20 A	1				0.0 kVA	0.0 kVA	--	--	--	--	42	
					<b>TOTAL LOAD:</b>	6800 VA	4060 VA	4200 VA						
					<b>TOTAL AMPS:</b>	57 A	34 A	35 A						

LEGEND:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Power	6060 VA	100.00%	6060 VA	
Receptacle	8820 VA	100.00%	8820 VA	
				<b>TOTAL CONN. LOAD:</b> 14880 VA
				<b>TOTAL EST. DEMAND:</b> 14880 VA
				<b>TOTAL CONN.:</b> 41 A
				<b>TOTAL EST. DEMAND:</b> 41 A

NOTES:

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AUTO OFF WHEN DAYLIGHT AVAILABLE. FACADE, LANDSCAPE LIGHTS AUTO OFF WITH FUNCTION OF DUSK/DAWN AND OPEN CLOSE TIME.  
REDUCE LIGHTING >= 30% NO LATER THAN MIDNIGHT TO 6am, ONE HOUR AFTER CLOSING TO ONE HOUR BEFORE OPENING, OR WHEN NO ACTIVITY FOR > 15 MINUTES.  
PROVIDE 20A POWER PACK(S) AS REQUIRED.

ISSUED FOR CLIENT APPROVAL

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REVISIONS

MARK	DESCRIPTION	DATE
	ISSUE FOR BID	04/07/2026

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DRAWING TITLE

**ELECTRICAL DETAILS**

DRAWN BY: Author SHEET NO.

CHECKED BY: Checker **E3.03**

APPROVED BY: Approver

