

MAIN PANEL																			
Panel Location-																			
Voltage (Phase-Ground/Phase-Phase)		230	400	Source of Supply-From Service Disconnect/Meter															
Phase-		1		Wire-		3													
Rated Amps-		125		AIC-		10k													
MCCB		125 Amps MCCB		Mounting-		Wall Surface													
Circuit	Description	New/ Existing	Load Type	Breaker Size	Poles	Wire Size	A	B	C	Wire Size	Poles	Breaker Size	Load Type	New/ Existing	Description	Circuit			
1	All Loads	N	SPD	125	3	50	20945	20945			50	3	125	RCD	N	All Loads	2		
3						50			36181	36181								50	4
5						50					25855						25855	50	6
7	LIGHTNING LOADS	N	MCB, Type-B	10	1	1.5	830	5167			6	3	25	MCB, Type-B	N	HVAC VRF	8		
9	GLASS WASHER	N	MCB, Type-B	20	1	2.5			2500	5167	6						10		
11	STABLETOP DOUBLE TANK FRYER	N	MCB, Type-B	25	1	2.5					5000						5167	6	12
13	DOUBLE HEAD INDUCTION CLAYPOT STOVE	N	MCB, Type-B	20	3	2.5	2335	3335			2.5	3	20	MCB, Type-B	N	FOUR BURNER COOKING RANGE WITH OVEN	14		
15						2.5			2335	3335								2.5	16
17						2.5					2335						3335	2.5	18
19	TABLE TOP ELECTRIC GRIDDLE	N	MCB, Type-B	20	3	2.5	2000	2000			2.5	3	20	MCB, Type-B	N	SIX-BASKET FL FCTRIC NOODEF COOKER	20		
21						2.5			2000	2000								2.5	22
23						2.5					2000						2000	2.5	24
25	WATER HEATER	N	MCB, Type-B	20	3	2.5	2000	300			2.5	1	20	MCB, Type-B	N	SUCER	26		
27						2.5			2000	1000			2.5	1	20	MCB, Type-B	N	REFRIGERATOR 2	28
29						2.5					2000	1000	2.5	1	20	MCB, Type-B	N	REFRIGERATOR 4	30
31	REFRIGERATOR 1	N	MCB, Type-B	20	1	2.5	1000	1000			2.5	1	20	MCB, Type-B	N	REFRIGERATOR 6	32		
33	REFRIGERATOR 3	N	MCB, Type-B	20	1	2.5			1000	750	2.5	1	20	MCB, Type-B	N	CB-01	34		
35	REFRIGERATOR 5	N	MCB, Type-B	20	1	2.5				1000	750	2.5	1	20	MCB, Type-B	N	CB-02	36	
37	HOOD EXHAUST	N	MCB, Type-B	20	4	2.5	68	442			2.5	1	20	MCB, Type-B	N	HVAC MVHR	38		
39						2.5			68	26			2.5	1	20	MCB, Type-B	N	FRONT DINING AREA EXTRACTOR FAN	40
41						2.5					68	1200	2.5	1	20	MCB, Type-B	N	CB-03	42
43						2.5	68	400					2.5	1	20	MCB, Type-B	N	EXTRACT FANS, ALL LV SYSTEMS	44
45	CASSETTE INDOOR UNIT-1	N	MCB, Type-B	35	1	6		7000	7000			6	1	35	MCB, Type-B	N	CASSETTE INDOOR UNIT-2	46	
							B		C		Total								
Connected Load (W)							2094		36181		25855		82981						
Connected Amps							119.78												
Main Type and Amps Rating							125 Amps MCCB												
Demand Load Calculation																			
Load Classification		Connected Load	Demand Factor	Estimated Demand															
Lighting - Commercial Unit		830	125%	1037.5															
Water Heater - Commercial Unit		6000	100%	6000															
Receptacle		46250	65%	30062.5															
Cooling		15501	100%	15501															
Pump		0	125%	0															
Other		0	100%	0															
Demand Load		68581		52601															
Demand Amps				76.23333333															

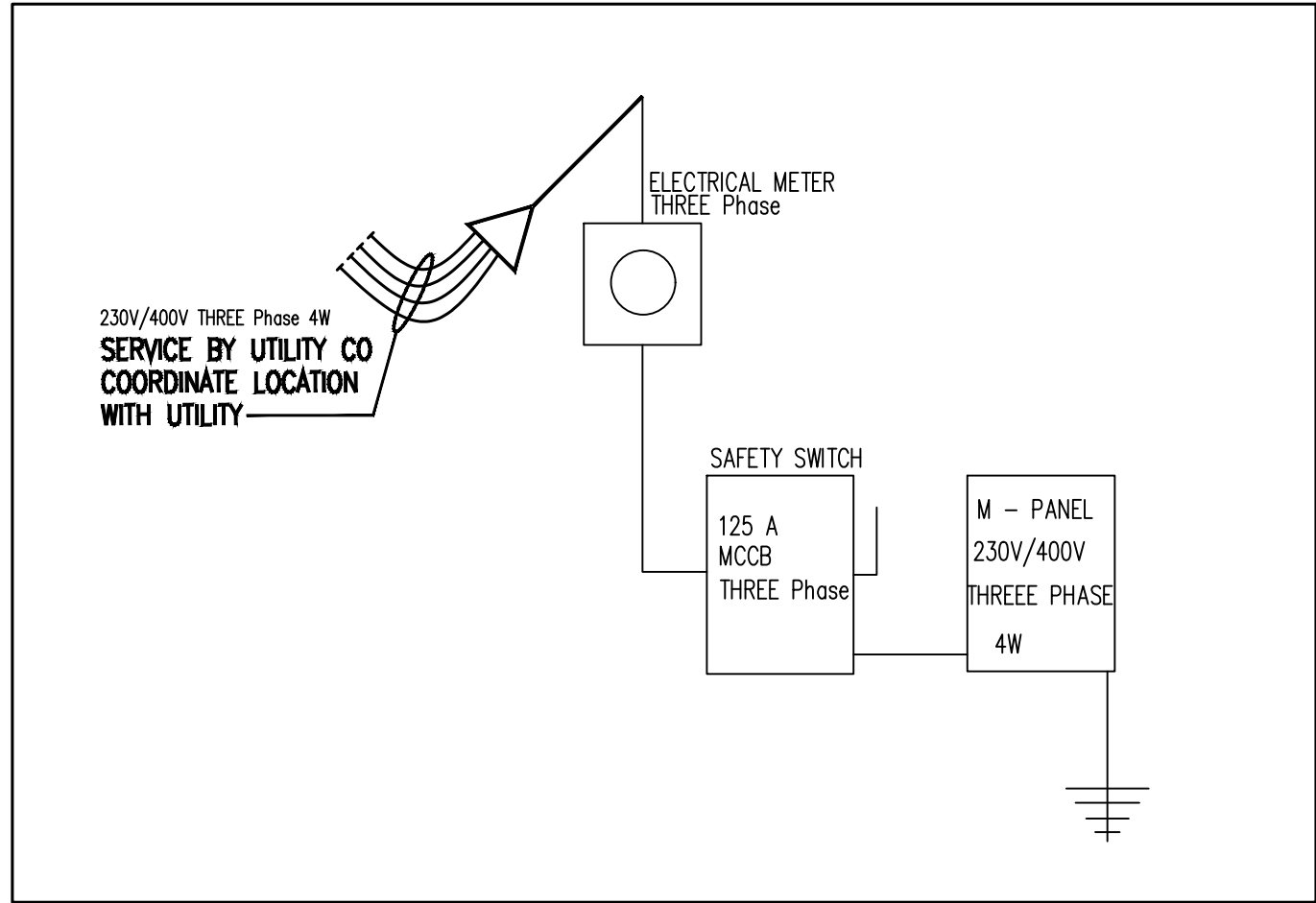
230V/400V THREE Phase 4W
SERVICE BY UTILITY CO
COORDINATE LOCATION
WITH UTILITY

ELECTRICAL METER
THREE Phase

SAFETY SWITCH

125 A
MCCB
THREE Phase

M - PANEL
230V/400V
THREE PHASE
4W





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3. THE CONTRACTOR MUST CHECK ALL DIMENSION AT SITE BEFORE COMMENCING WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY TEMPORARY SUPPORT TO THE BUILDING AND ANY ADJACENT STRUCTURES.

REFERENCE:
0146-ETE-110CS-GF-R-MEP-003,
0146-ETE-110CS-GF-DR-E-40802 (Rev00)

REV. NO.	DESCRIPTION	DATE	BY
01	Add Grease Trap & update the plumbing plans	03/02/26	AA
02	Create leak detection, Gas & Fire protection etc plans	06/27/26	AA
03	Fix HVAC system and add new system	07/21/26	AA
04	Change VRF system & Fix Ventilation	07/27/26	AA
05	Provide more information about the HVAC system	08/04/26	AA
05	HVAC Elevation Plan & Filtrations Specification.	08/16/26	AA

PROJECT: 25 WILBURY AVENUE

TITLE: **ELECTRICAL SCHEDULE**

PROJ. NO.	PROJ. ENGR.	SCALE @ 24X36: 1:100
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DATE : September 14, 2026

DRAWING NO. E - 3	REV. 6
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Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)

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 <https://engrteam.com>

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