

MOUNTING: SURFACE

LOCATION: room name & number

PRINT DATE: March 6, 2023 11:41 PM

NEW PANEL

VOLTAGE120/208 V

PHASES: 3

WIRES: 4

CIRCUITS: 42

BUS RATING: 225A

MAIN BREAKER / MLO: MLO

Isc RATING: ERROR

Isca (CALCULATED):

AIC

name

Rem	CCT No.	LOAD					P	BRK SIZE	H	kVA	Type	Qty	LOAD					CCT No.	Rem
		Description	Qty	Type	kVA	BRK SIZE							Description	Qty					
	1	Receptacles	9	REC.	1.08	20/	A	20/	0.48	LTG.	4	Light	2						
	3	CCTV	2	OTH.	0.24	/2P	B	/2P	0.48	REC.	4	Receptacles	4						
	5	Light	6	LTG.	0.72	20/	C	20/	0.24	OTH.	2	CCTV	6						
	7					/2P	A	/2P											
	9						B												
	11						C												
	13						A												
	15						B												
	17						C												
	19						A												
	21						B												
	23						C												
	25						A												
	27						B												
	29						C												
	31						A												
	33						B												
	35						C												
	37						A												
	39						B												
	41						C												
	42																		

CONNECTED LOAD

PHASE A: 1.6 kVA

PHASE B: 0.7 kVA

PHASE C: 1.0 kVA

TOTAL: 3.2 kVA

LOAD SUMMARY

LIGHTING 1.2 kVA

RECEPT. 1.6 kVA

MOTORS kVA

HEATERS kVA

OTHERS 0.5 kVA

DIVERSITY

1.0

0.5

0.7

0.7

1.0

DEMAND LOAD

1.2 kVA

0.8 kVA

kVA

kVA

0.5 kVA

SUBTOTAL

TOTAL DEMAND (kVA): 2.5 kVA

TOTAL DEMAND (AMPS): 6.8 A

EXST DEMAND(AMPS): A

FUTURE CAPACITY: 25%

FUTURE AMPS 1.7 A

TOTAL AMPS 8.5 A

REMARKS:

1. BREAKER TO BE GFCI TYPE

2. RUN A SEPARATE NEUTRAL WITH CIRCUIT

3. BREAKER TO BE AFCI TYPE

4. RE-USE EXISTING BREAKER

NOTES:

A) REFER TO SINGLE LINE FOR FEEDER SIZE