

**PREPARED BY:**  
**FITZGERAL D. TAMULAK**  
Civil Engineer

PRC NO : 0156173  
PTR NO. :  
Date issued: 01/08/2025  
Issued at : SOMINOT,ZDS  
Valid Until : 09-14-2026

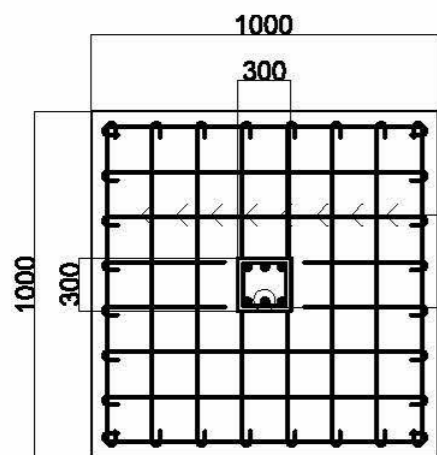
**SEAL**

**PROJECT TITLE :**  
**CONSTRUCTION OF ONE-STOREY  
RESIDENTIAL BUILDING**  
BUILDING PLAN  
**Location:** Purok Mahogany, Poblacion, Sominot, Zamboanga del Sur

**CONFORMED BY :**  
**Ricardo E. Dolero**  
Owner / Applicant

**Sheet no.**  
A  
2 3

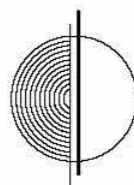
DRAWN BY: EDGAR CASEÑAS #09383120747



8-12 MM Ø BASE BARS ON BOTHWAYS

6-12 MM Ø VERTICAL BARS WITH 10 MM Ø LATERAL TIES SP.1@50MM, 4@100MM, 4@150MM, REST 200MM O.C.

### COLUMN FOOTING DETAIL



SCALE

NTS

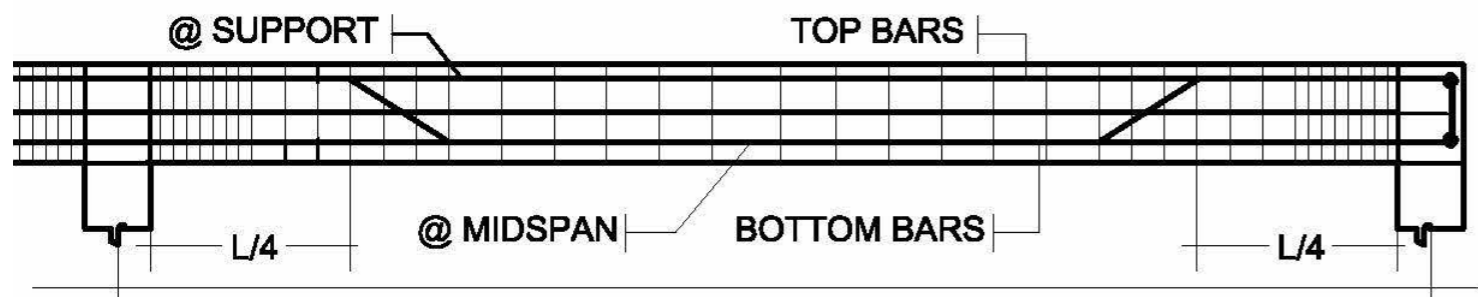
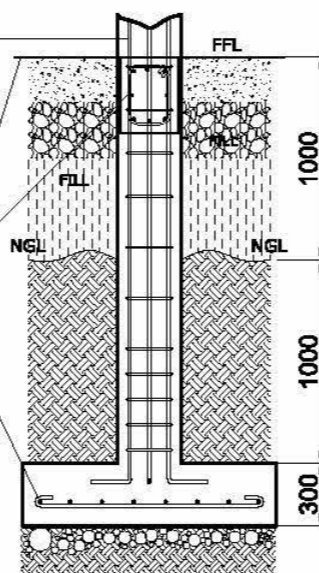
6-16mmØ VERT. BARS W/ 10mm Ø LATERAL TIES SPACED FROM SUPPORT AND BOTTOM OF BEAM @ 1 @ 0.05m, 3@ 0.10m, 3@ 0.15m, REST @ 0.20 M.O.C

### SECTION

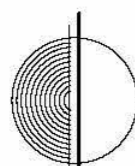
4" THICK CONC. SLAB

200mm x 400mm TIE BEAM

6-16mmØ RSB B.W

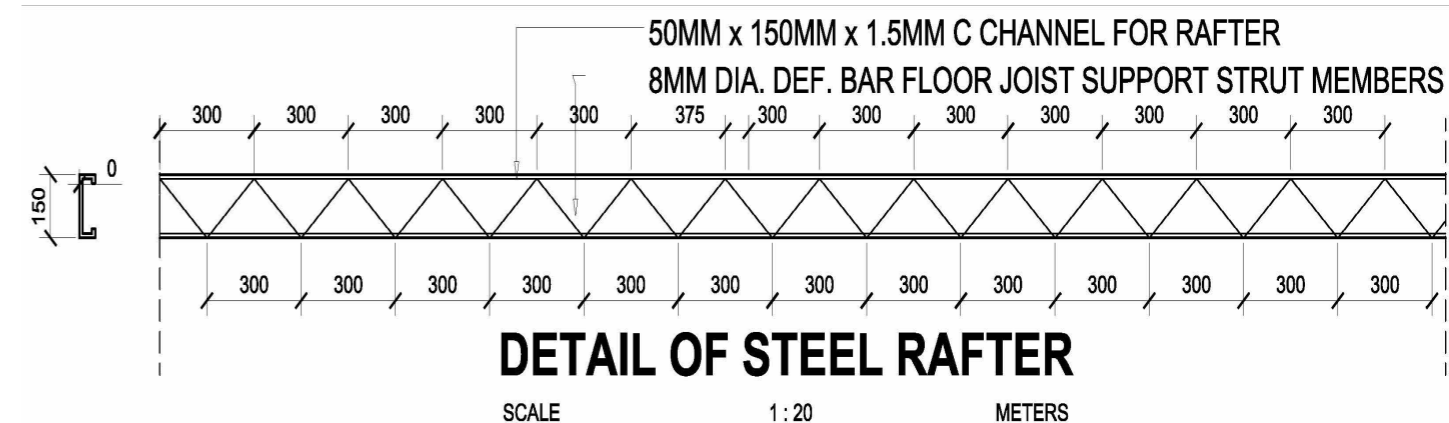


### TYPICAL BEAM DETAIL



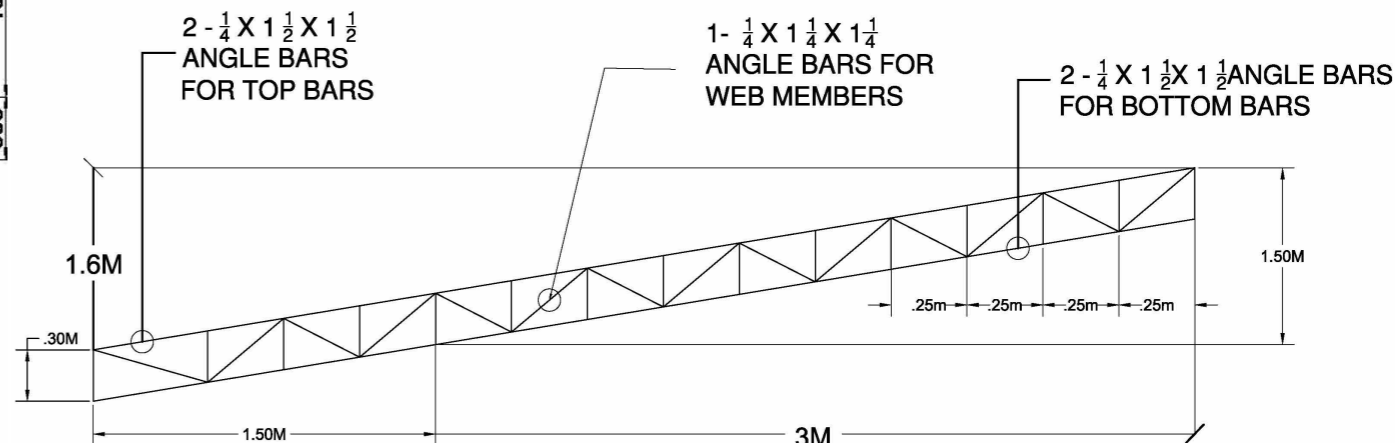
SCALE

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### DETAIL OF STEEL RAFTER

SCALE 1:20 METERS

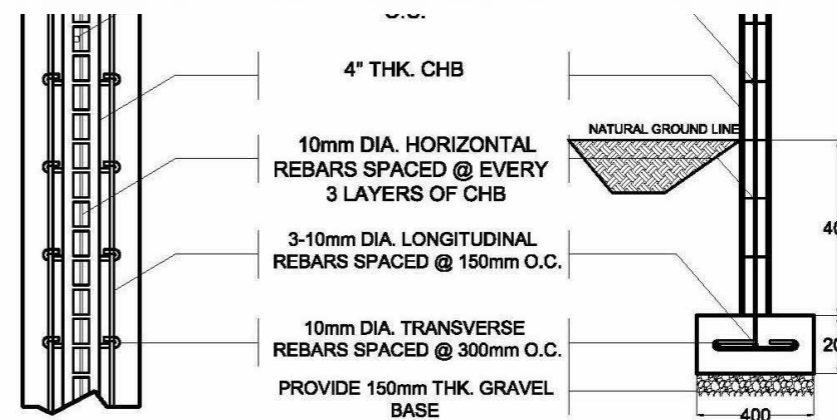


### TYPICAL RAFTER - DETAIL

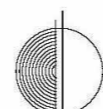
11 S/11

SCALE

1:100



### WALL FOOTING DETAIL



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### DOOR SCHEDULES

Count	Type	Width	Height
4	Glass Door Ext	0.80	2.10

### WINDOW SCHEDULE

Count	Type	Height	Width
4	Sliding Window (Double)	1.20	1.20

### DOOR AND WINDOW SCHEDULE

SCALE

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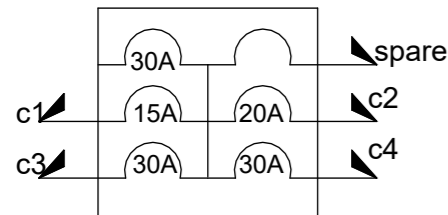
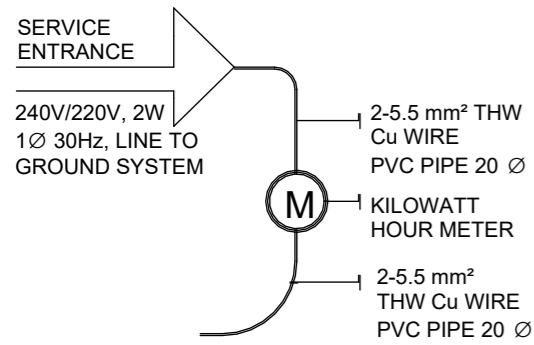
PROJECT TITLE :  
**CONSTRUCTION OF ONE-STOREY RESIDENTIAL BUILDING**  
BUILDING PLAN  
Location: Purok Mahogany, Poblacion, Sominot, Zamboanga del Sur

CONFORMED BY :  
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Sheet no.  
S  
3 3

DRAWN BY: EDGAR CASEÑAS #09383120747

# SINGLE LINE DIAGRAM



## SCHEDULE OF LOADS AND COMPUTATION

CKT. NO.	DESCRIPTION	L.O	SWITCHES			C.O	WATT	VOLT	AMP.	BRANCH CIRCUIT	No. OF POLE	CONDUCTOR AND CONDUITS
			S1	S2	S3							
1	20W LIGHTING LOAD	4					80	230	0.348	15AT	2P	2-2.0mm² THHN WIRE in 15mm dia. PVC PIPE
2	CONVENIENCE OUTLET					4	720	230	3.130	15AT	2P	2-2.0mm² THHN WIRE in 15mm dia. PVC PIPE

### A) SERVICE ENTRANCE CONDUCTOR:

$$ITC = 0.348 + 3.13 + 1.017 + 3.13 = 7.625 (1.25)$$

$$= 9.531$$

USE: 2 - #3.5mm T.W IN 1"Ø PVC PIPE

### B) MAIN DISCONNECT SWITCH:

$$ITC = 0.348 + 3.13 + 1.017 + 3.13 = 7.625 (2.50)$$

$$= 19.063$$

USE: A 15AT, 2-P Circuit Breaker

REPUBLIC OF THE PHILIPPINES  
REGION - IX

# O.B.O.

OFFICE OF THE BUILDING OFFICIALS

Building Official

ELECTRICAL:

### ELECTRICAL NOTES

POWER SUPPLY SHALL BE 240 / 220 VAC, 1Ø, 2W, 60HZ, 240 V/ LINE-TO-LINE GROUND SYSTEMS.

ALL ELECTRICAL MATERIALS SHALL BE NEW AND APPROVED TYPE AS TO LOCATION AND USE OR PURPOSE;

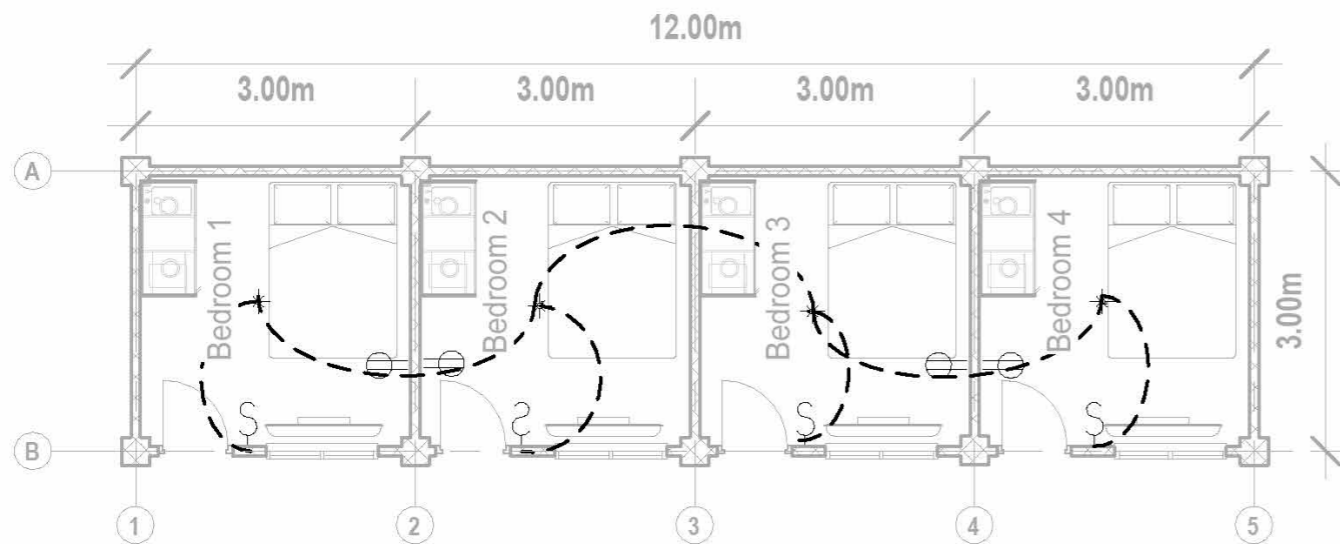
ALL WIRING INSTALLATIONS SHALL BE EMBEDDED OR DONE THROUGH UNDERGROUND WITH THE PRESCRIBED SAFETY & STANDARD;

ALL WIRING INSTALLATION SHALL CONFORM WITH THE LATEST PROVISIONS OF PEC AS WELL AS PD

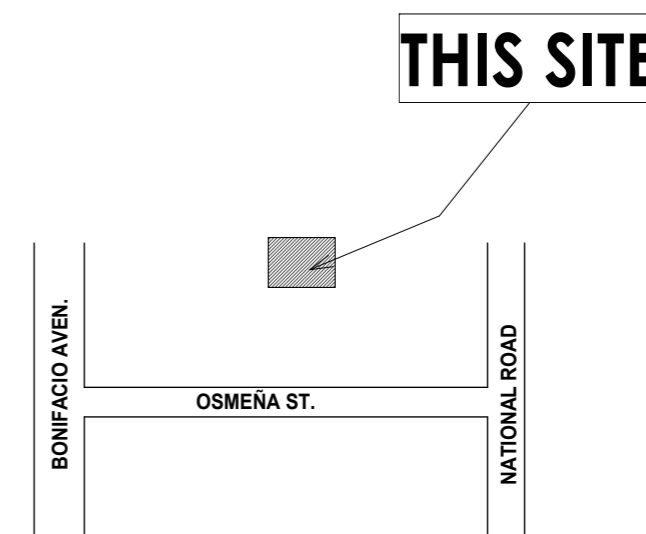
ALL ELECTRICAL WORKS SHALL BE DONE WITH DIRECT SUPERVISION OF PEE OR REE.

### ELECTRICAL SYMBOLS

	SERVICE ENTRANCE
	PANEL BOARD
	WATT-HOUR METER
	CIRCUIT BREAKERS
	SPECIAL OUTLET
	FLOURESCENT LAMP
	PIN LIGHT
	SWITCH LINE
	HOMERUN CONDUCTOR
	CONVENIENCE OUTLET
	THUMBLER SWITCH
	POST LAMP
	CHANDELLIER



**ELECTRICAL LIGHTING AND POWER LAYOUT**



**LOCATION PLAN**  
SCALE NTS

PREPARED BY:	PRC NO: 2860	SEAL	PROJECT TITLE:	CONFORMED BY:	SHEET CONTENT:
ARNEL P. CANTERO PROFESSIONAL ELECTRICAL ENGINEER	PTR NO:		<b>ELECTRICAL WIRING INSTALLATION</b>	RICARDO E. DOLERO OWNER/APPLICANT	Schedule of Loads and Computation Electrical Notes and Symbols One Line Diagram Vicinity Sketch Electrical Layout
	DATE: 01/07/2025				
	PLACE: PAGADIAN CITY				
	T.I.N. 131 - 657 - 507				
	MOBILE NO: 09196049803				
		LOCATION: PUROK MAHOGANY, POBLACION, SOMINOT, ZAMBOANGA DEL SUR			E1 E1