




**PERSPECTIVES**  
 SCALE NTS.

REPUBLIC OF THE PHILIPPINES

**O.B.O**

OFFICE OF THE BUILDING OFFICIAL

MUNICIPALITY OF

LAND USED AND ZONING:

LAND & GRADE:

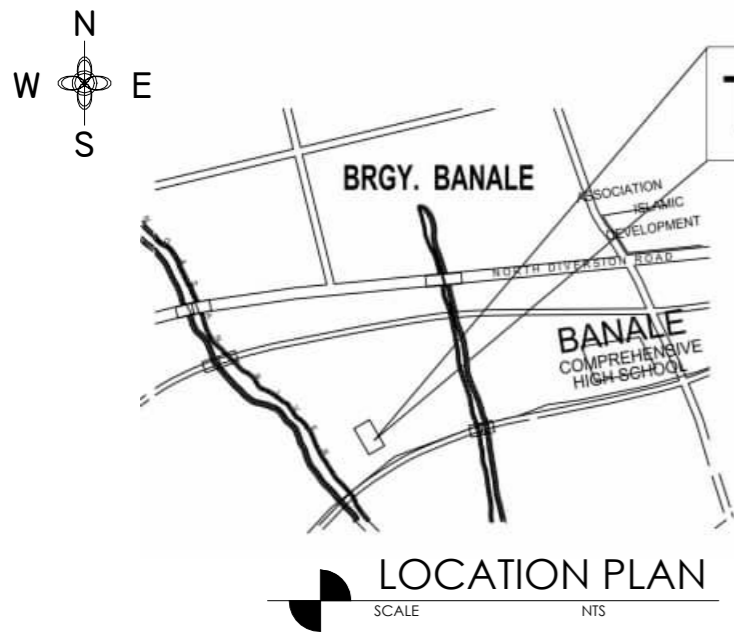
ARCHITECTURAL :

STRUCTURAL :

SANITARY :

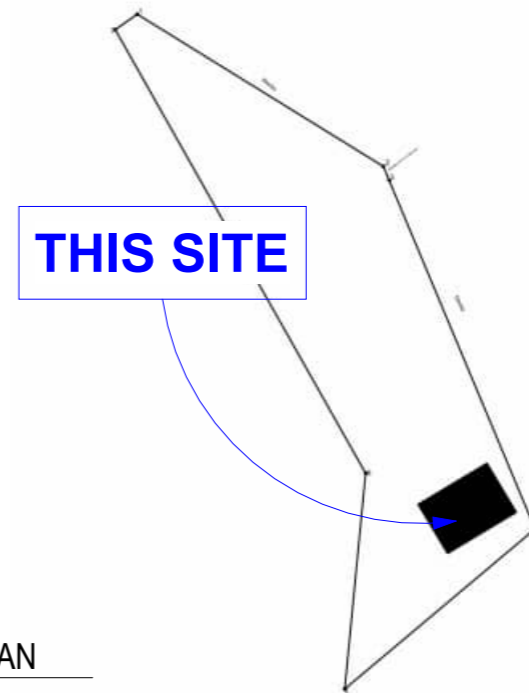
ELECTRICAL :

FIRE SAFETY :



LOT NO. BLK-9 PCS-09-002057		
TECHNICAL DESCRIPTION A=4,443 sq.m		
LINE	BEARING	DISTANCE
1-2	S. 58° 14' E	63.84 m.
2-3	S. 22° 38' E	6.65 m.
3-4	S. 22° 42' E	80.09 m.
4-5	S. 49° 55' W	54.87 m.
5-6	N. 05° 31' E	47.86 m.
6-7	N. 29° 25' W	112.40 m.
7-8	N. 54° 46' E	5.93 m.

**SITE DEVELOPMENT PLAN**  
 SCALE NTS.



PREPARED BY:

**Engr. Geoffrey M. Arnejo**  
Civil Engineer

PRC NO:  
0057851

DATE VALIDITY:  
October 25, 2023

PTR NO:

SEAL

PROJECT TITLE :

**CONSTRUCTION OF TWO STOREY  
RESIDENTIAL BUILDING**

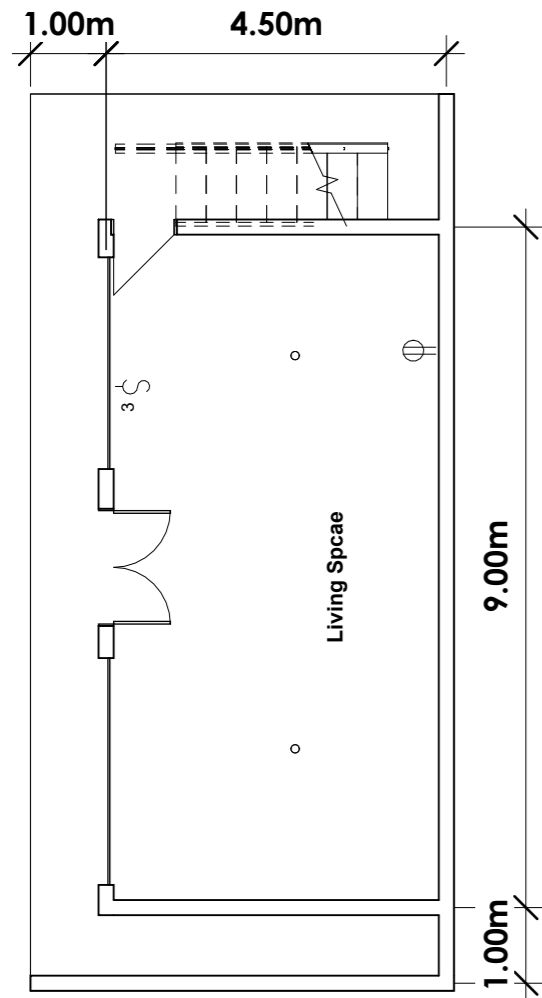
LOCATION : Purok Madasigon, Banale, Pagadian City

CONFORMED BY :

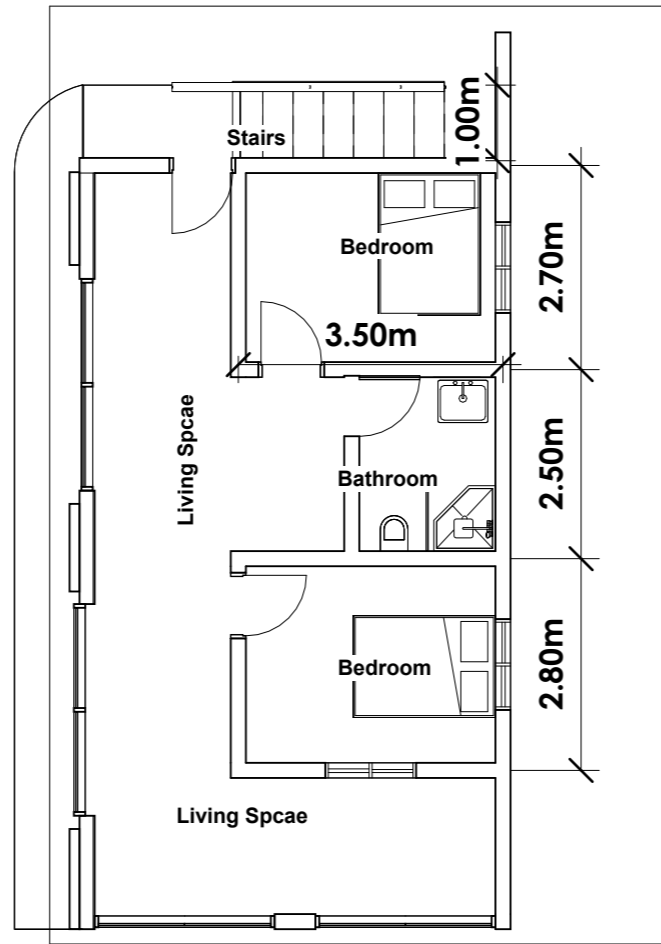
**Jose Elginaldo C. Taborno**  
Owner / Applicant

Sheet no.

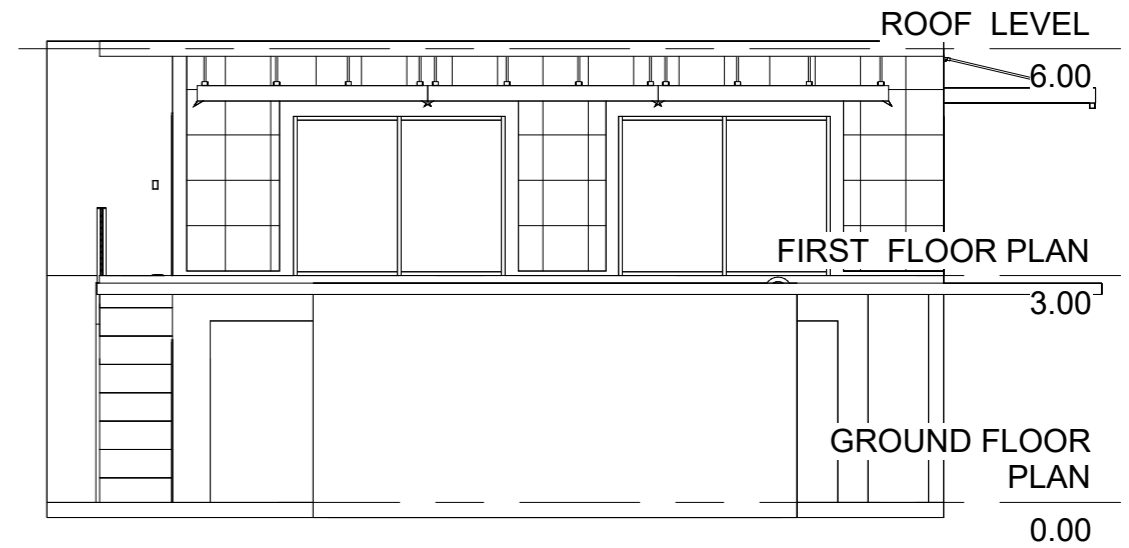
1  
4



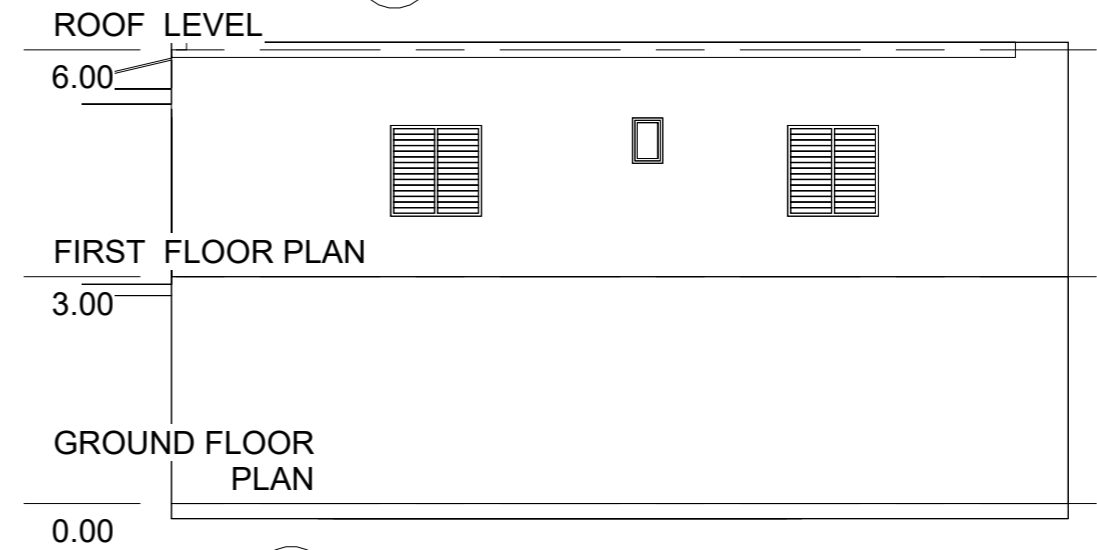
**1 GROUND FLOOR PLAN**  
Scale: 1 : 100 mtrs.



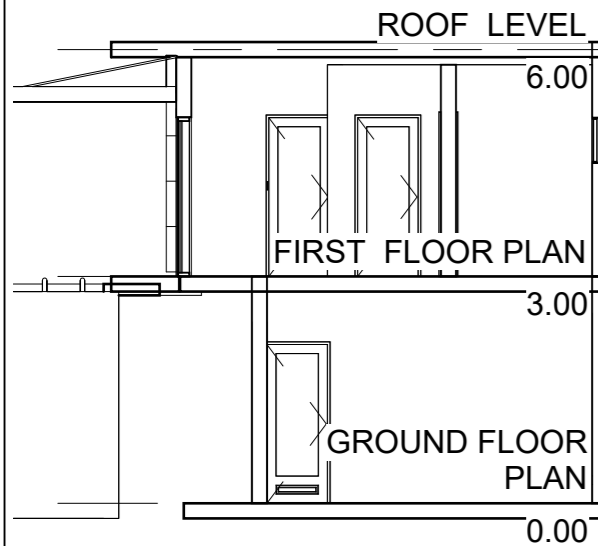
**2 FIRST FLOOR PLAN**  
Scale: 1 : 100 mtrs.



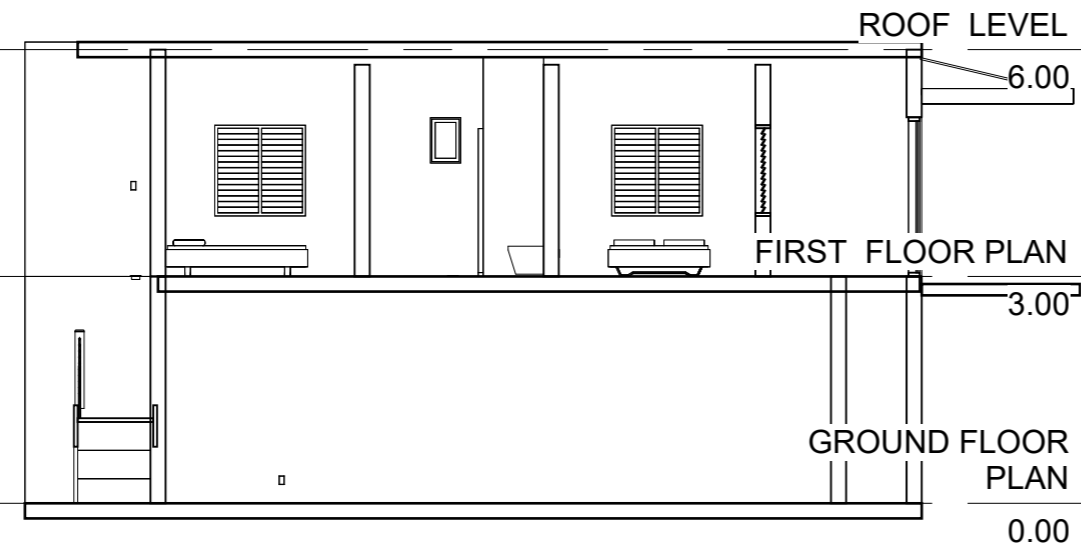
**3 FRONT ELEVATION**  
Scale: 1 : 100 mtrs.



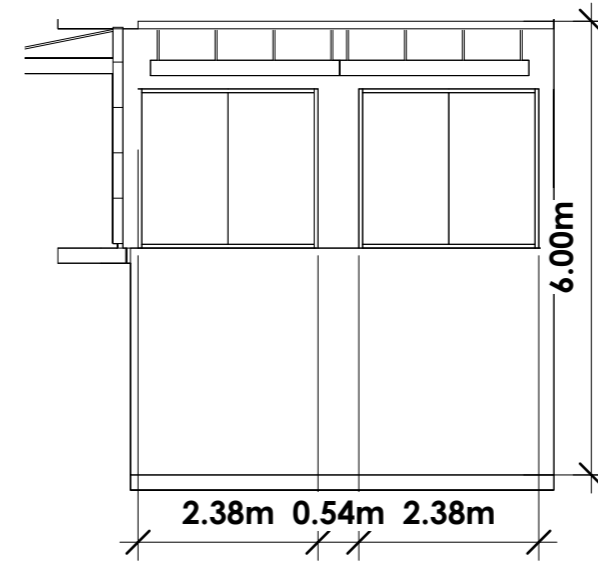
**4 REAR ELEVATION**  
Scale: 1 : 100 mtrs.



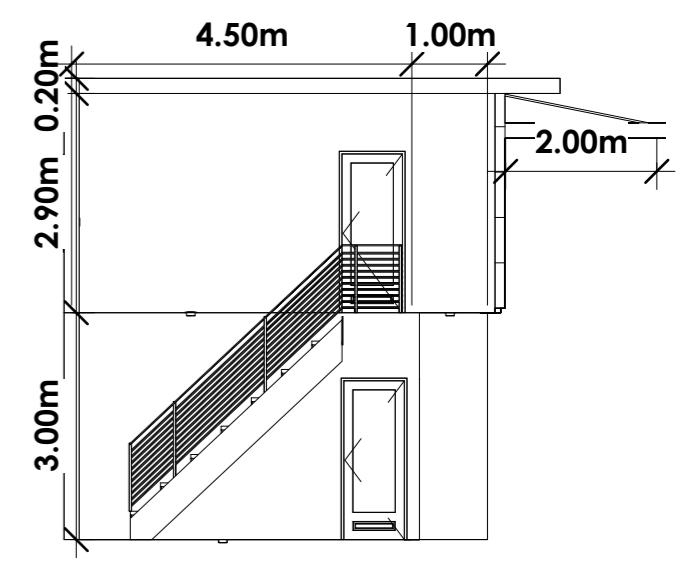
**7 CROSS SECTION A-A**  
Scale: 1 : 100 mtrs.



**8 CROSS SECTION B-B**  
Scale: 1 : 100 mtrs.

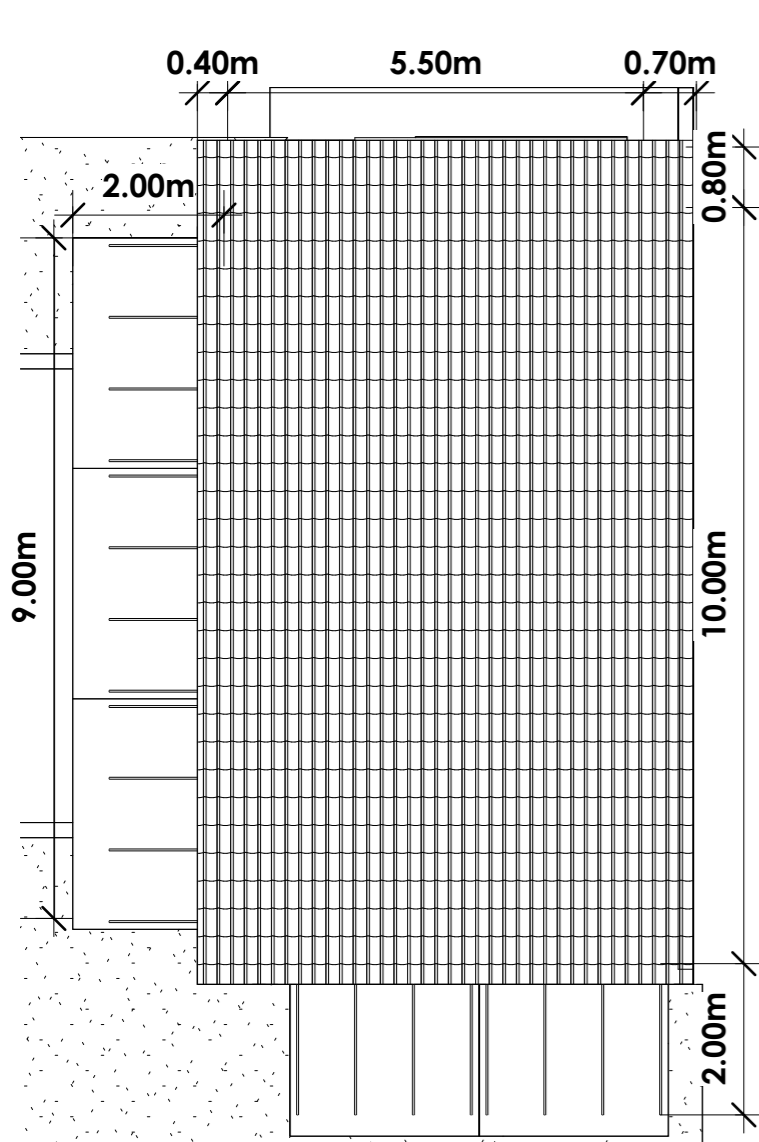


**6 RIGHT ELEVATION**  
Scale: 1 : 100 mtrs.

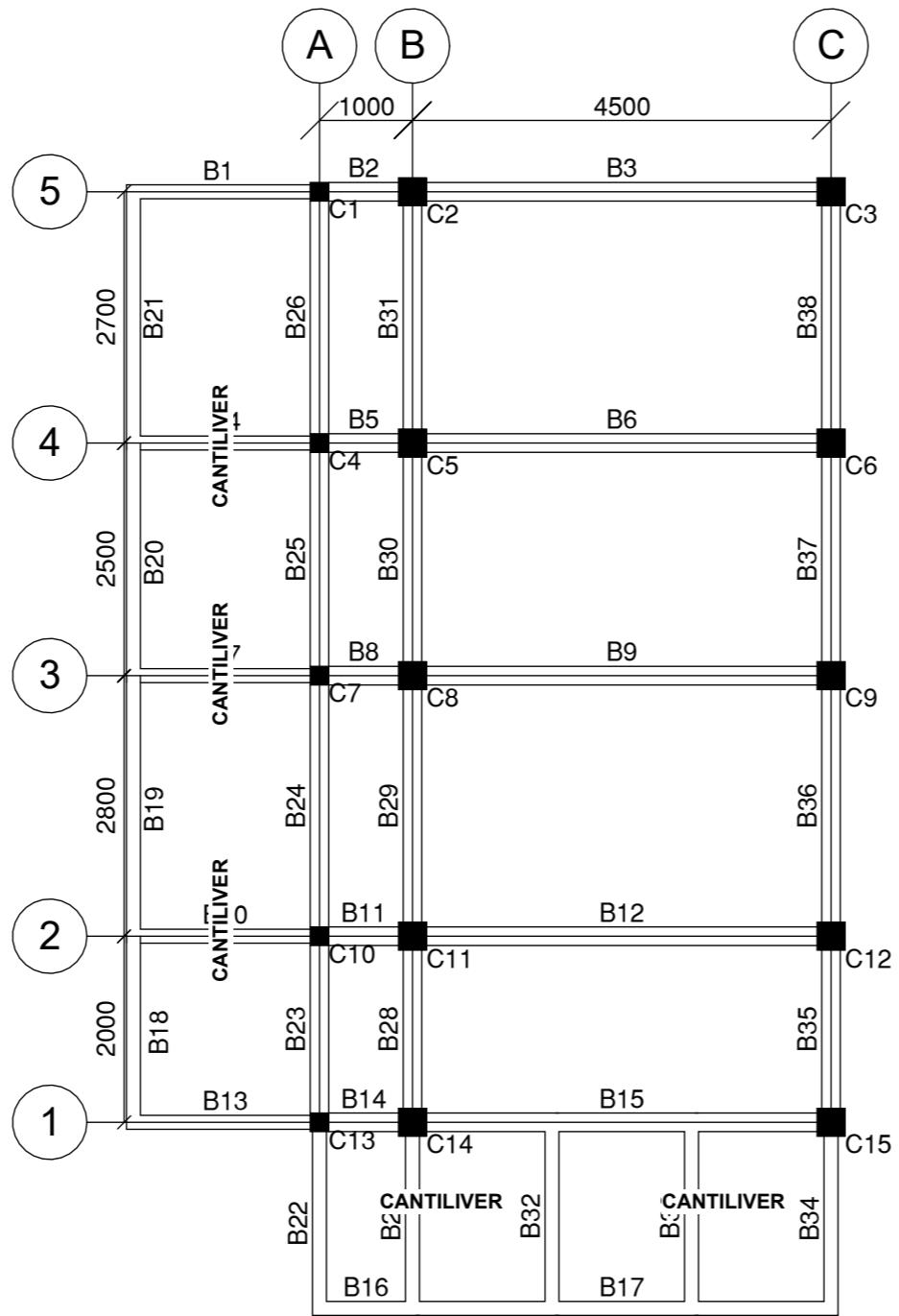


**5 LEFT ELEVATION**  
Scale: 1 : 100 mtrs.

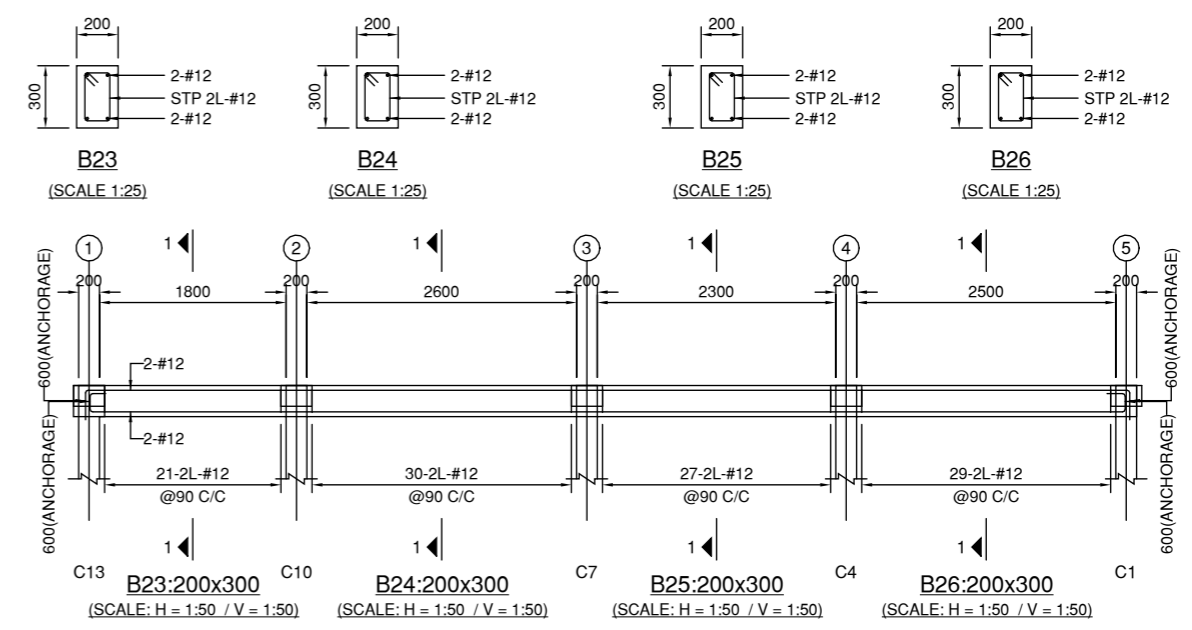
PREPARED BY:	PRC NO: 0057851	SEAL	PROJECT TITLE :	CONFORMED BY :	Sheet no.
<b>Engr. Geoffrey M. Arnejo</b> Civil Engineer	DATE VALIDITY: October 25, 2023		<b>CONSTRUCTION OF TWO STOREY RESIDENTIAL BUILDING</b>	<b>Jose Elginaldo C. Taborno</b> Owner / Applicant	<b>2</b> <b>4</b>
	PTR NO:				
	DATE ISSUE:				
			LOCATION : Purok Madasigon, Banale, Pagadian City		



**9 ROOF FRAMING PLAN**  
Scale: 1 : 100 mtrs.

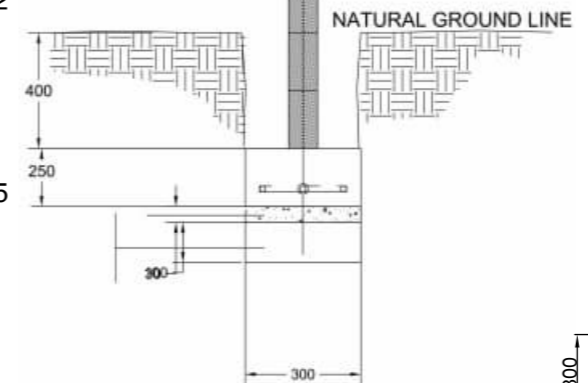


**10 BEAM FRAMING PLAN**  
SCALE 1:25 METERS

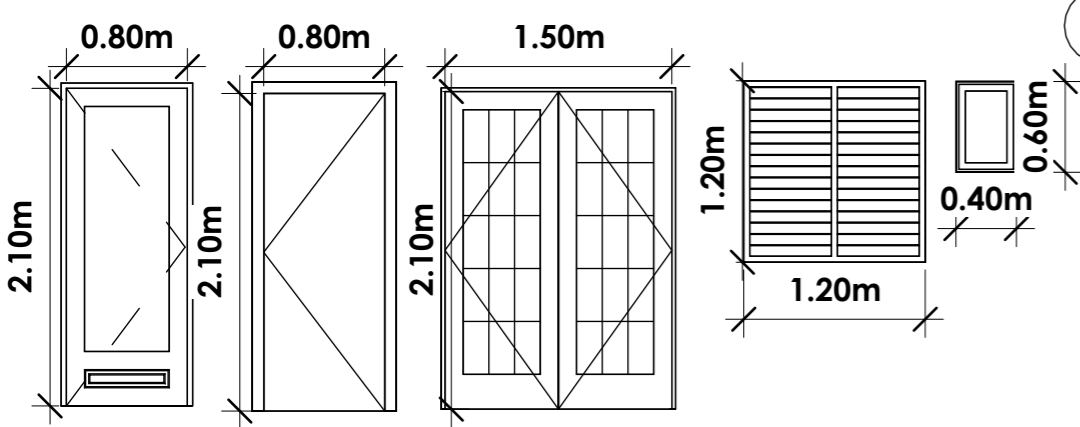


**BEAM ELEVATION**  
SCALE: 1:25 MTRS

4" CHB REINFORCED WITH 10mm Ø D/B FOR VERTICAL BARS SPACED @ 600mm O.C. AND 10mm Ø D/B FOR HORIZONTAL BARS SPACED @ EVERY THREE LAYERS



**WALL FOOTING DETAILS**  
SCALE 1:20 METER

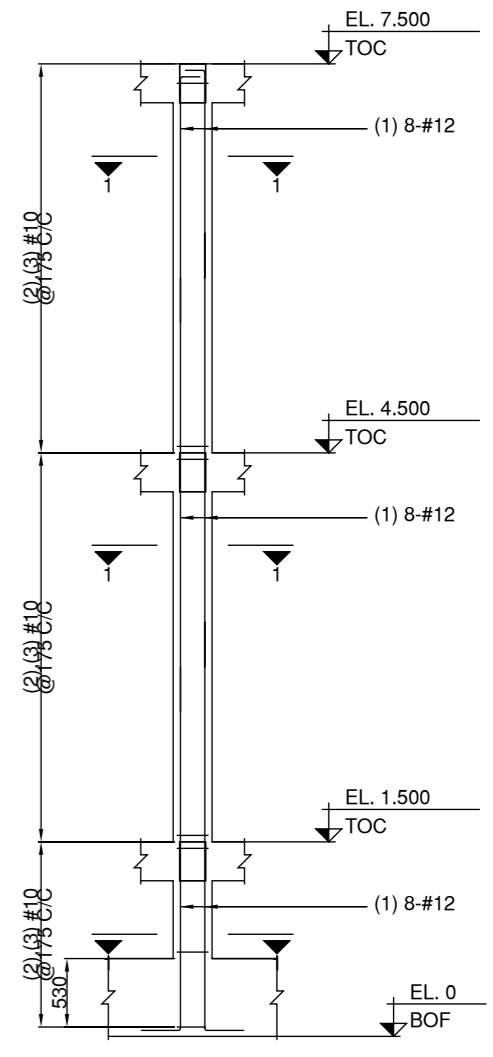


**11 Schedule of Doors & Windows**  
SCALE 1:25 METERS

Door Schedule		
Type	Height	Width
Interior Door	2.10	0.80
0762 x 2032mm	2.10	0.80
Interior Door	2.10	0.80
Interior Door	2.10	0.80
1500 x 2000mm	2.10	1.50
Interior Door	2.10	0.80

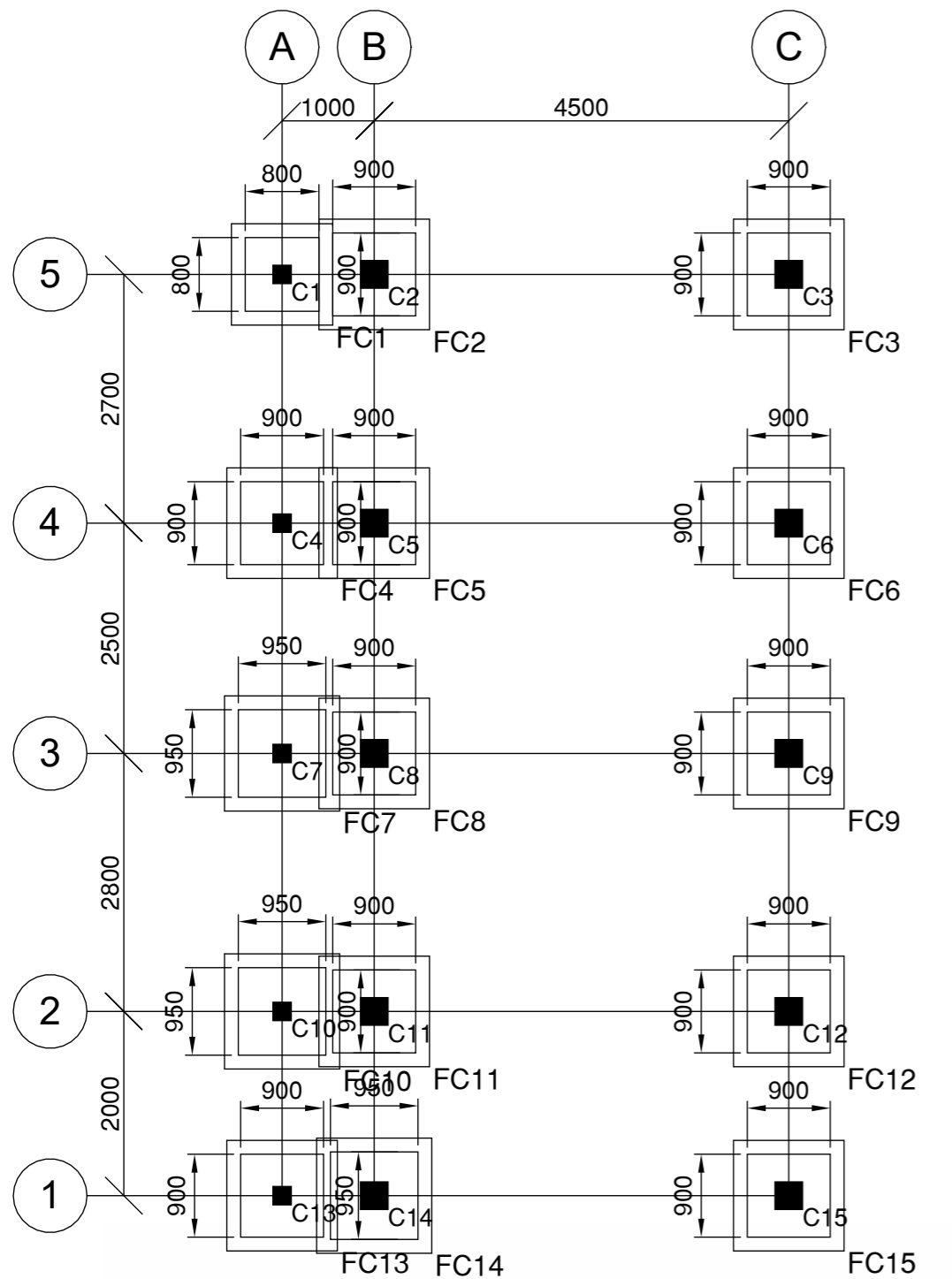
Window Schedule		
Type	Height	Width
Louver_Double_17897	1.20	1.20
Louver_Double_17897	1.20	1.20
Louver_Double_17897	1.20	1.20

SECTION 1-1 (C5)  
(SCALE 1:25)

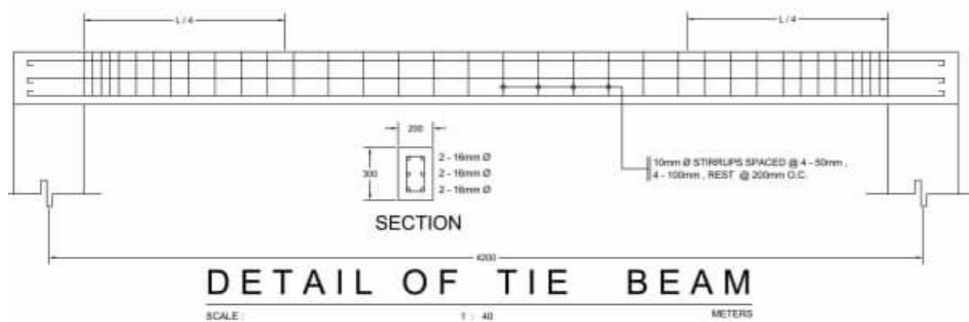


**E1 DETAIL OF COLUMN C5**  
(SCALE 1:50)

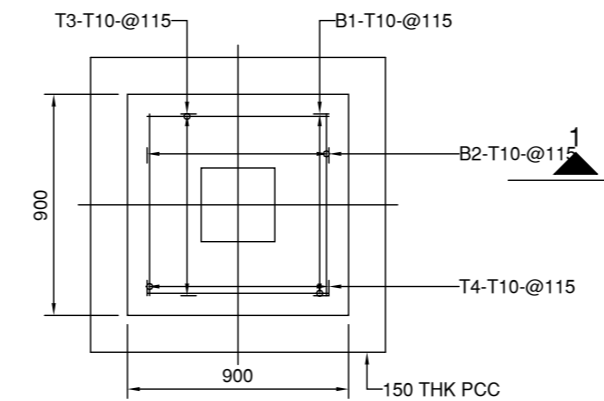
PREPARED BY:	PRC NO: 0057851	SEAL	PROJECT TITLE :	CONFORMED BY :	Sheet no.
<b>Engr. Geoffrey M. Arnejo</b> Civil Engineer	DATE VALIDITY: October 25, 2023		<b>CONSTRUCTION OF TWO STOREY RESIDENTIAL BUILDING</b>	<b>Jose Elginaldo C. Taborno</b> Owner / Applicant	3 4
	PTR NO:				
	DATE ISSUE:				
LOCATION : Purok Madasigon, Banale, Pagadian City					



**FOUNDATION & FOOTING PLAN**  
SCALE 1:100 METERS

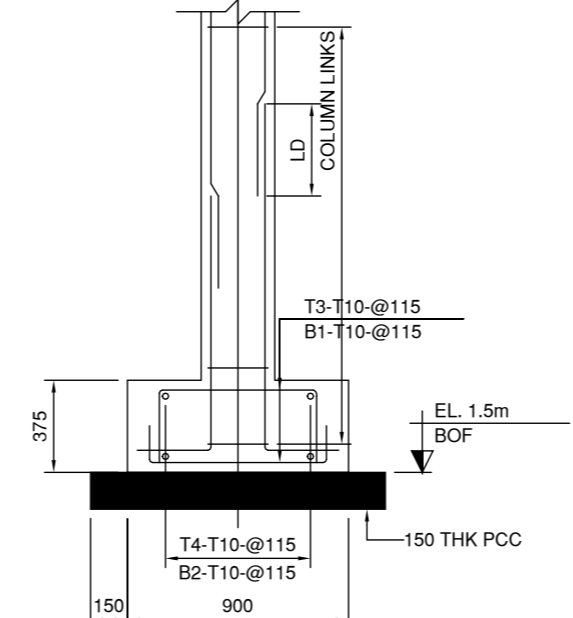


**DETAIL OF TIE BEAM**  
SCALE 1:40 METERS



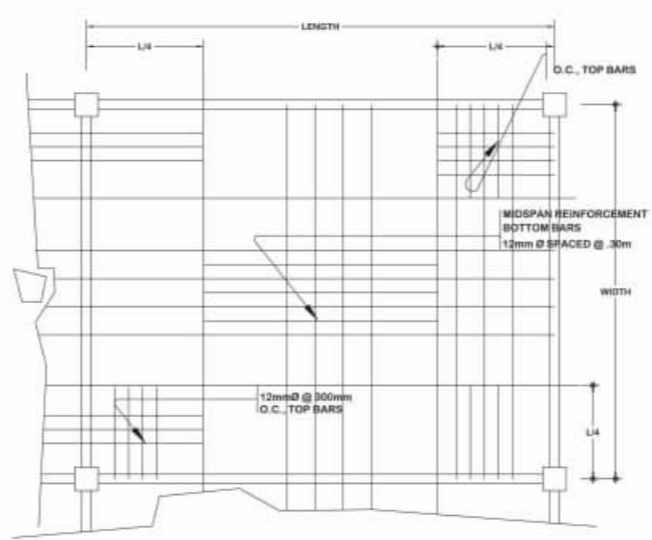
**FOOTING FC5- PLAN**

(SCALE 1:25)

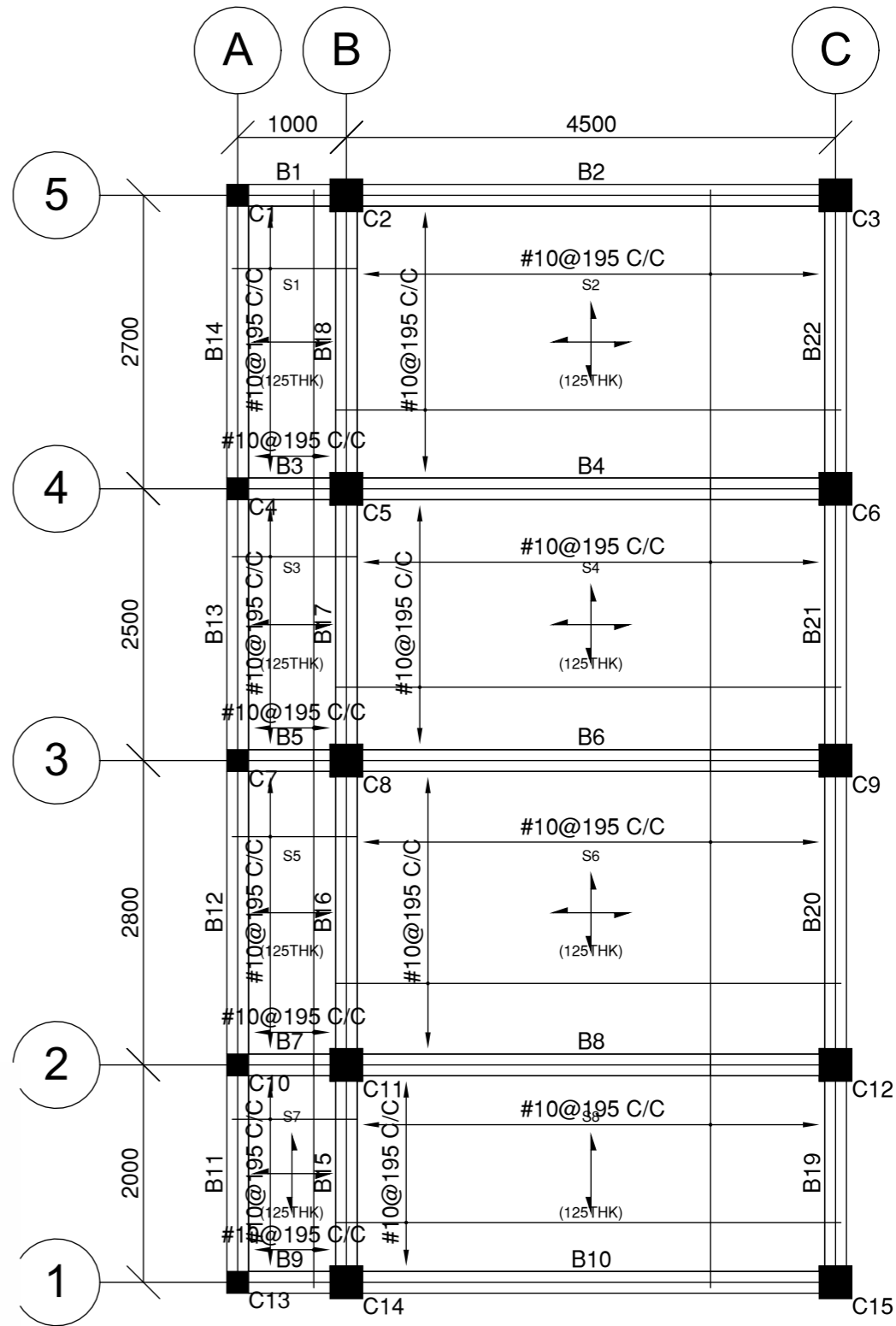


**SECTION 1-1**

**DETAIL OF FOOTING FC5**  
(SCALE 1:25)



**DETAIL OF SLAB**



**BOTTOM REINFORCEMENT LAYOUT**

(SCALE: H = 1:100 / V = 1:100)

PREPARED BY:	PRC NO: 0057851	SEAL	PROJECT TITLE :	CONFORMED BY :	Sheet no.
<b>Engr. Geoffrey M. Arnejo</b> Civil Engineer	DATE VALIDITY: October 25, 2023		<b>CONSTRUCTION OF TWO STOREY RESIDENTIAL BUILDING</b>	<b>Jose Elginaldo C. Taborno</b> Owner / Applicant	4 4
	PTR NO:				
	DATE ISSUE:				
LOCATION : Purok Madasigon, Banale, Pagadian City					

Building Official

PLUMBING/SANITARY:

SPECIFICATION

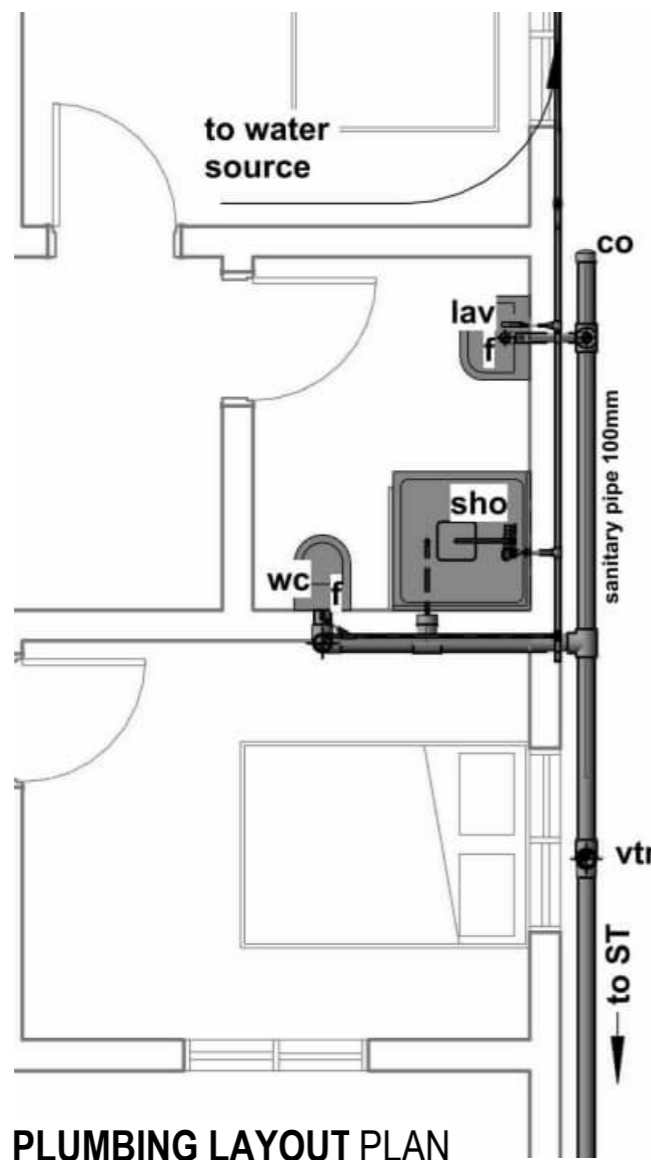
ALL PLUMBING INSTALLATION SHALL CONFORM TO THE STANDARD / RULES AND REGULATIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND THE LOCAL GOVERNMENT.

ALL PLUMBING INSTALLATIONS SHALL BE UNDER THE DIRECT AND STRICT SUPERVISION OF DULY LICENSED PLUMBING ENGINEER OR REGISTERED MASTER PLUMBER.

ALL SPECIFICATION ABOVE SHOULD BE STRICTLY OBSERVED.

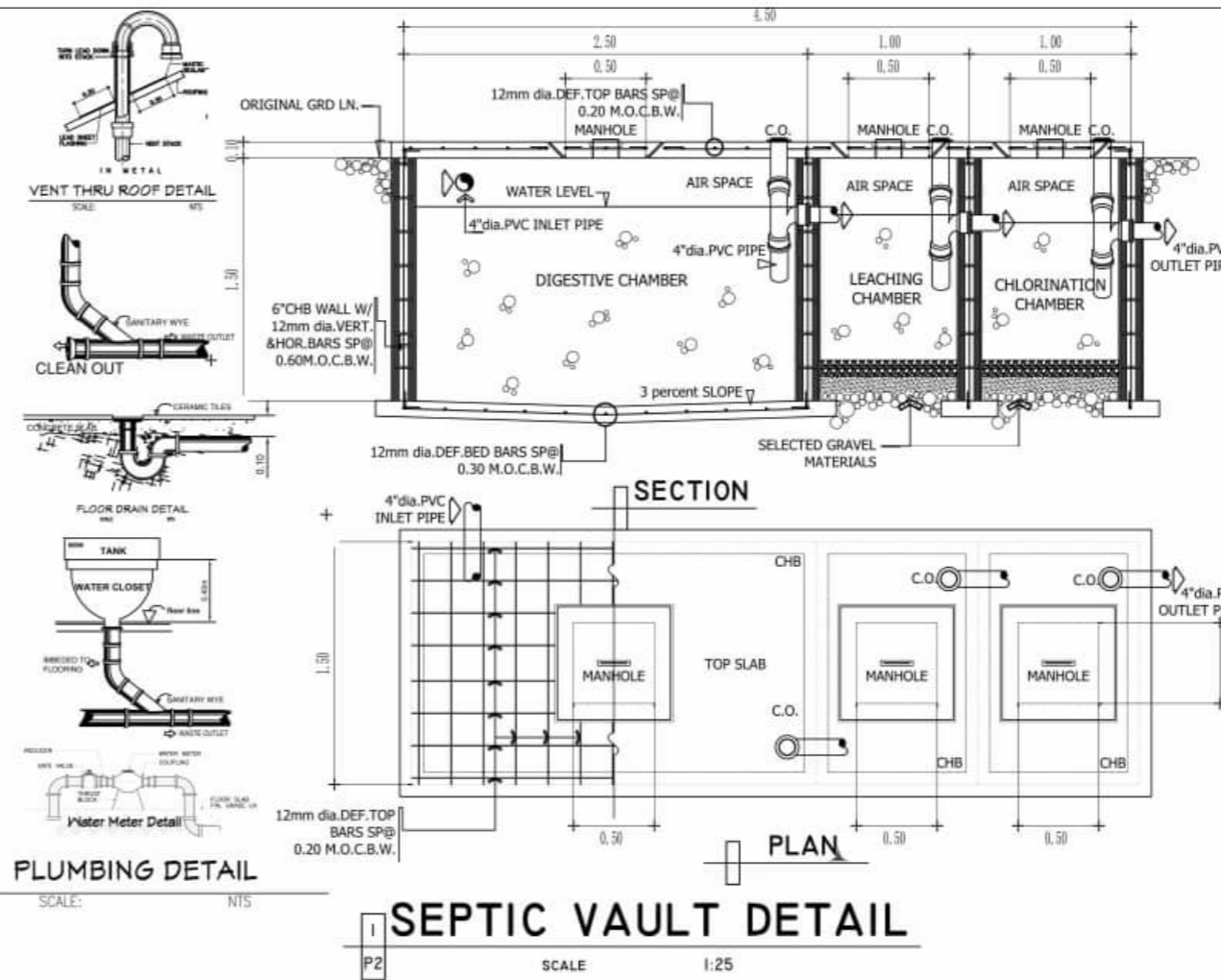
PLUMBING SYMBOLS

WC	WATER CLOSET
LAV	LAVATORY
FD	FLOOR DRAIN
F	FAUCET
ST	SEPTIC TANK
MH	MANHOLE
CO	CLEAN OUT
KS	KITCHEN SINK
SHO	SHOWER
BT	BATH TUB
VTR	VENT THRU ROOF
—	DRAINAGE SYSTEM
—	WATER DISTRIBUTION



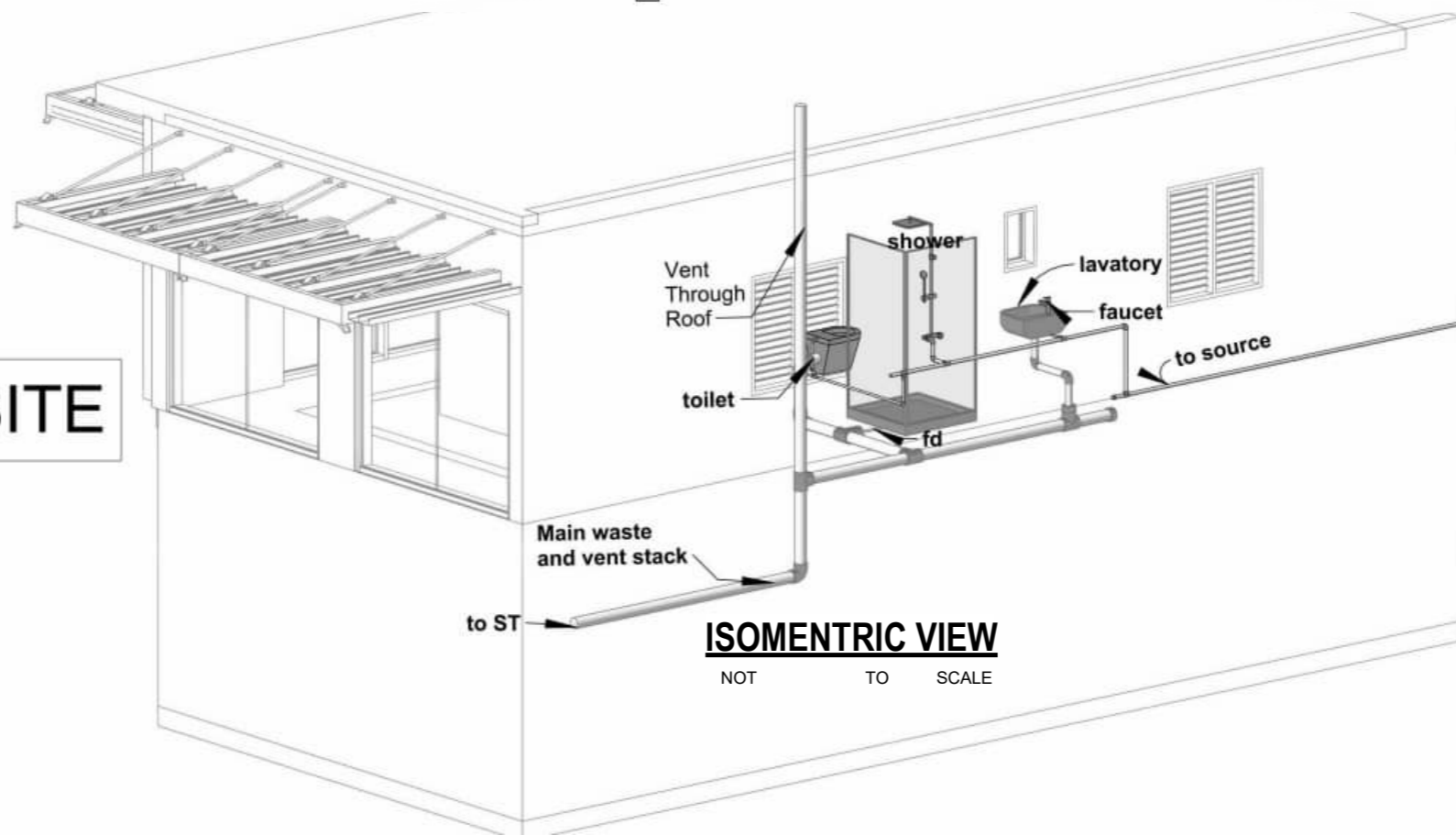
**PLUMBING LAYOUT PLAN**

SCALE 1:50 METERS



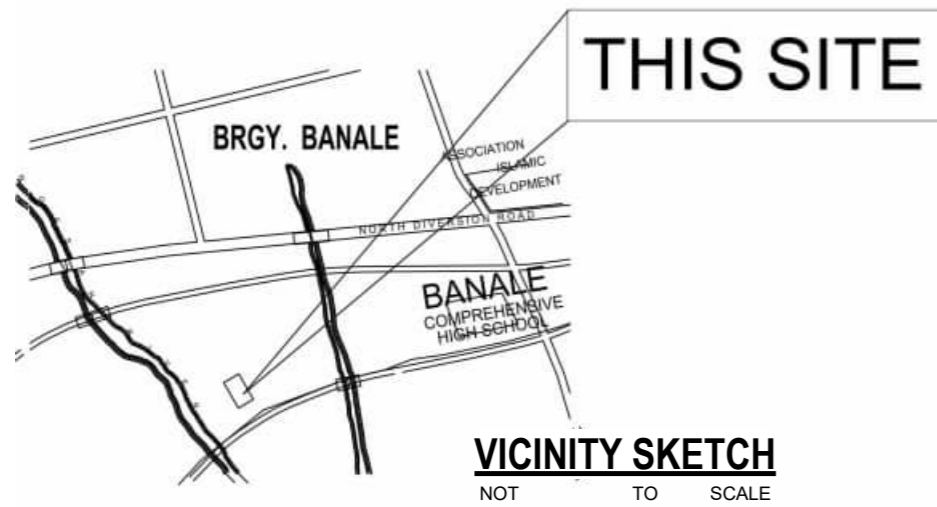
**SEPTIC VAULT DETAIL**

SCALE 1:25



**ISOMETRIC VIEW**

NOT TO SCALE



**VICINITY SKETCH**

NOT TO SCALE

PREPARED & CHECKED BY:	PRC NO.:	SEAL:	PROJECT TITLE:	CONFORME:	APPROVED:	SHEET CONTENT:	SHEET NO.:
Master Plumber	PTR NO.:		<b>CONSTRUCTION OF TWO STOREY RESIDENTIAL BUILDING</b>	Jose Elginaldo C. Taborno		SEPTIC TANK DETAIL VICINITY SKETCH PLUMBING LAYOUT PLAN ISOMETRIC VIEW	P 1/1
	Date issued :		LOCATION: Purok Madasigon, Banale, Pagadian City	Project Owner	Building Official		
	Issued at :						
	Valid until:						

\_\_\_\_\_  
Building Official

ELECTRICAL:

**ELECTRICAL NOTES**

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

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

ALL WIRING INSTALLATIONS SHALL CONFORM WITH THE LATEST PROVISIONS OF PEC AS WELL AS P.D. 1096;

ALL ELECTRICAL WORKS SHALL BE DONE WITH THE LATEST PROVISION OF PEE OR REE

**ELECTRICAL SYMBOLS**

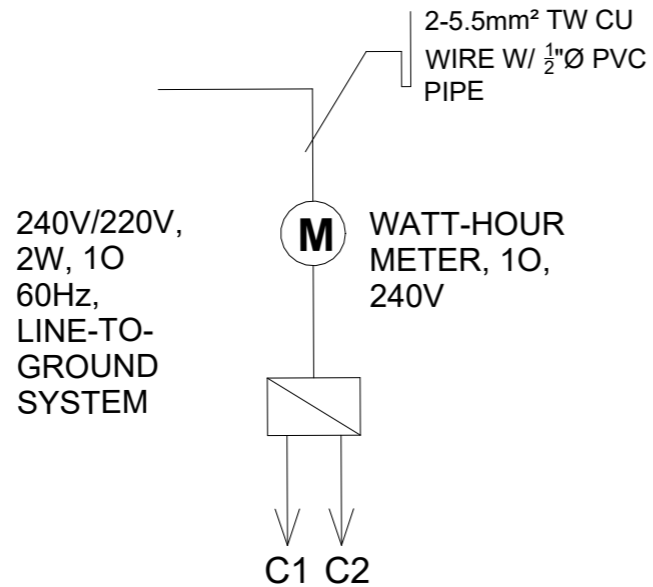
	SERVICE ENTRANCE
	PANEL BOARD
	CIRCUIT BREAKERS
	INCANDESCENT BULBS
	WATT-HOUR METER
	FLOURESCENT LAMP
	SWITCH LINE
	PIN LIGHT
	HOMERUN CONDUCTOR
	CONVENIENCE OUTLET
	SPECIAL OUTLET
	THUMBLER SWITCH

**E1**

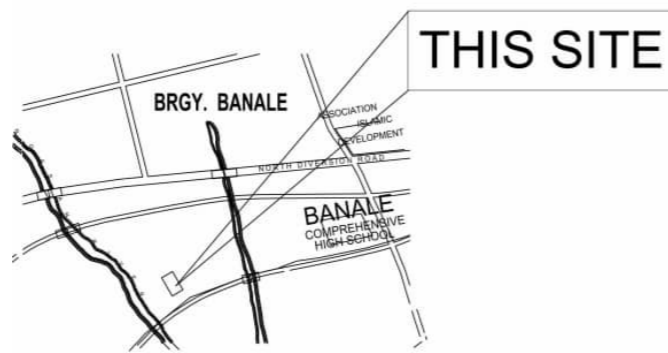
**E1**

Sheet Contents:  
Electrical Notes and Symbols  
One Line Diagram  
Vicinity Sketch  
Load Schedule & Computation  
Lighting & Power Layout

**ONE-LINE DIAGRAM**



**VICINITY SKETCH**



**LOAD SCHEDULE**

CKT. NO	LOAD DESCRIPTION	CONNECTED LOAD	VOLT	PHASE	NO. OF OUTLETS
01	LIGHTING OUTLET @ 100% PF	10W	230	1	2
02	APPLIANCE LOAD	180VA	230	1	1
03	LIGHTING OUTLET @ 100% PF	10W	230	1	7
04	APPLIANCE LOAD	180VA	230	1	4

**LOAD COMPUTATION**

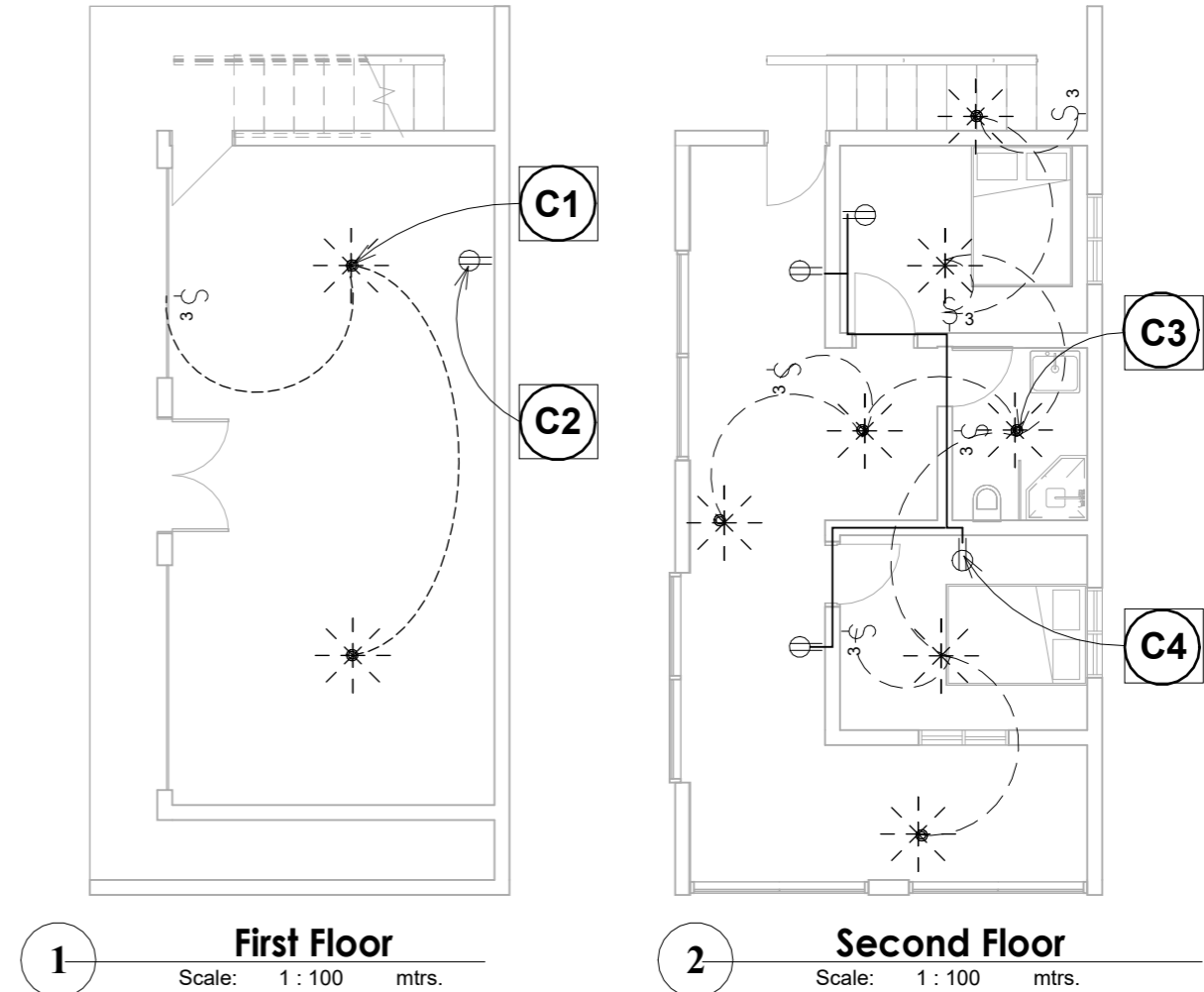
CKT. NO	COMPUTATION	COMPUTED CURRENT	CKT PROTECTION		NO. & SIZE OF WIRE
			AF	AT	
1	C1= 2(10/230)	0.87A	30	15	# 14/2 AWG PDX WIRE
2	C2= 180/230	0.78A	30	15	# 12/2 AWG PDX WIRE
1	C1= 7(10/230)	0.30A	30	15	# 14/2 AWG PDX WIRE
2	C2= 4(180/230)	3.13A	30	15	# 12/2 AWG PDX WIRE

A) SERVICE ENTRANCE CONDUCTOR:  
 $I_T = 1.01(1.25) = 1.30A$   
USE: 2-#5.5mm² TW CU WIRE  
WITH 1/2" Ø PVC PIPE

B) MAIN DISCONNECT SWITCH:  
 $I_T = 1.04(2.50 \times 100\%) = 2.60A$   
USE: 30A, 2PST, 250V  
SAFETY SWITCH

CONTROL NO.

CONFORMED:	PROJECT TITLE:	PROFESSIONAL ELECTRICAL ENGINEER	SEAL
<b>Jose Elginaldo C. Taborno</b>	<b>ELECTRICAL WIRING INSTALLATIONS</b>	<b>ARNEL P. CANTERO</b>	
OWNER	LOCATION : Purok Madasigon, Banale, Pagadian City		



**ELECTRICAL LAY-OUT**