



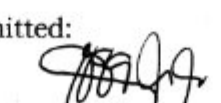
REPUBLIC OF THE PHILIPPINES  
**DEPARTMENT OF AGRICULTURE**  
WESTERN VISAYAS  
PAROLA, ILOILO CITY

DETAILED ENGINEERING DESIGN PLAN  
**CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY**  
DA-ROS, GUIMARAS & DA-ROS, SIGMA, CAPIZ  
**NATIONAL ORGANIC AGRICULTURE PROGRAM 2023**

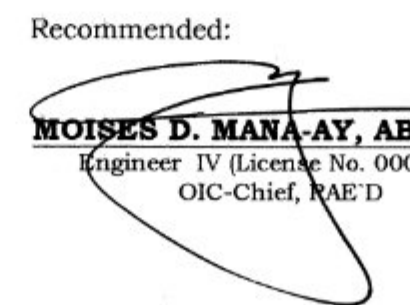
Prepared:

  
**JERRY B. GUANCO, ABE**  
Engineer II (License No. 0007298)

Submitted:

  
**YVONNE GRACE H. SUR, ABE**  
Engineer III (License No. 0005970)  
Section Head, EPDSS

Recommended:

  
**MOISES D. MANA-AY, ABE, MEE**  
Engineer IV (License No. 0006077)  
OIC-Chief, RAE'D

Approved:

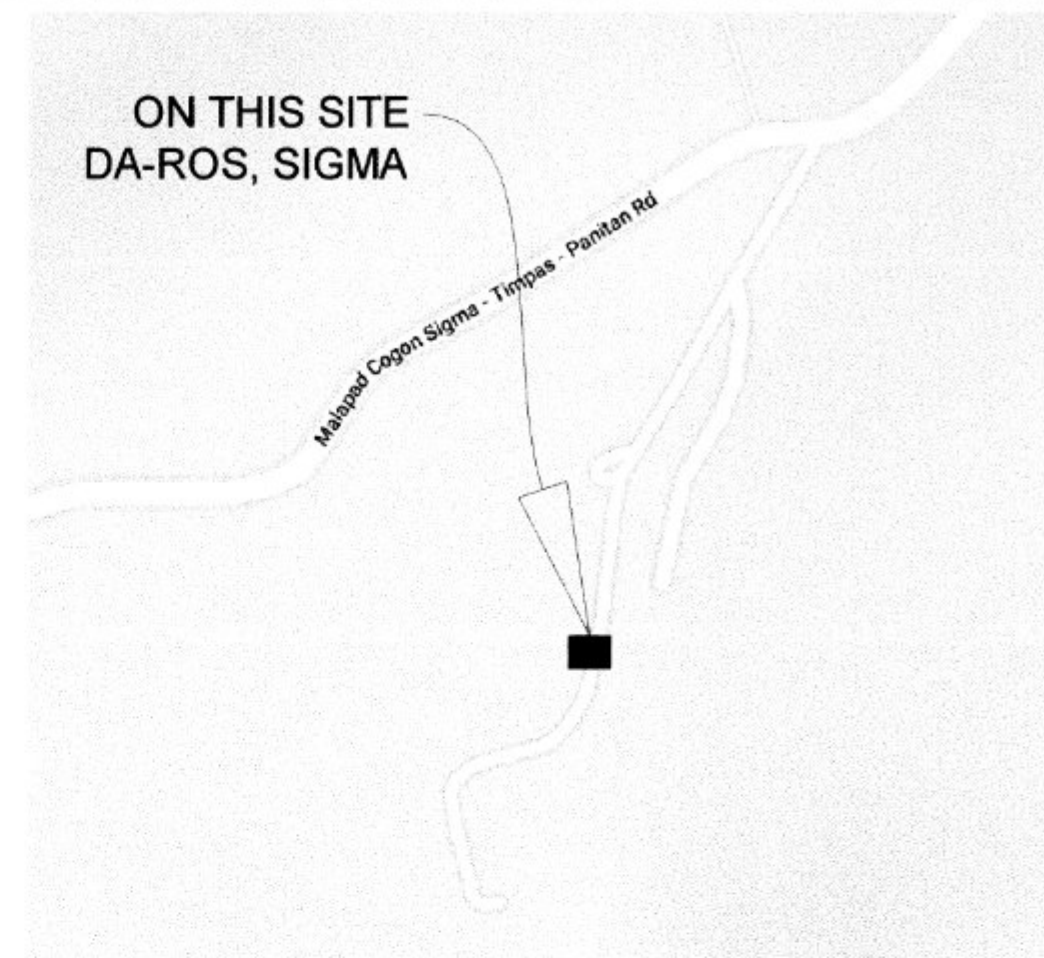
  
**JOSE ALBERT A. BARROGO, ABE**  
OIC-RTD for Operations and Extension

| Item                               | Scope of Works   | Quantity | Unit           |
|------------------------------------|--|----------|----------------|
| <b>PART I GENERAL REQUIREMENTS</b> |  |          |                |
| SPL1                               | SIGNBOARD/BILLBOARD (1-4'x8' and 1-8'x8') and PROJECT MARKER | 1.00     | lot            |
| SPL2                               | MOBILIZATION/DEMOBILIZATION                                  | 1.00     | lot            |
| <b>PART II EARTHWORK</b>           |  |          |                |
| 2.1                                | CLEARING, GRUBBING & LAYOUT                                  | 45.00    | m <sup>2</sup> |
| 2.2                                | STRUCTURAL EXCAVATION (Manual)                               | 16.00    | m <sup>3</sup> |
| 2.3                                | STRUCTURAL BACKFILL  | 12.00    | m <sup>3</sup> |
| <b>PART III CIVIL WORKS</b>        |  |          |                |
| 3.1                                | REINFORCED CONCRETE  |          |                |
| 3.1.1                              | Footing  | 0.89     | m <sup>3</sup> |
| 3.1.2                              | Columns  | 2.00     | m <sup>3</sup> |
| 3.1.3                              | Wall Footing   | 1.13     | m <sup>3</sup> |
| 3.1.4                              | Floor Beam   | 0.94     | m <sup>3</sup> |
| 3.1.5                              | Roof Beam  | 1.00     | m <sup>3</sup> |
| 3.1.6                              | Flooring   | 2.80     | m <sup>3</sup> |
| 3.1.7                              | Sink (Slab)  | 0.33     | m <sup>3</sup> |
| 3.2                                | FORMWORKS & SCAFFOLDS  | 1.00     | lot            |
| 3.3                                | MASONRY WORKS  | 50.00    | m <sup>2</sup> |
| 3.4                                | PLASTERING (SMOOTH FINISH)                                   | 120.00   | m <sup>2</sup> |
| 3.5                                | ROOF FRAMING   | 400.00   | kg             |
| 3.6                                | ROOF CLADDING  | 72.00    | m <sup>2</sup> |
| 3.7                                | CEILING WORKS  | 63.00    | m <sup>2</sup> |
| 3.8                                | CABINETS & JOINERY WORKS                                     | 1.00     | lot            |
| 3.9                                | ELECTRICAL WORKS   | 1.00     | lot            |
| 3.10                               | PLUMBING WORKS   | 1.00     | lot            |
| 3.11                               | CERAMIC TILE WORKS   | 9.00     | m <sup>2</sup> |
| 3.12                               | PAINTING WORKS   | 393.00   | m <sup>2</sup> |
| 3.13                               | DOORS  | 1.00     | set            |
| 3.14                               | JALOUSIE WINDOWS   | 1.00     | lot            |

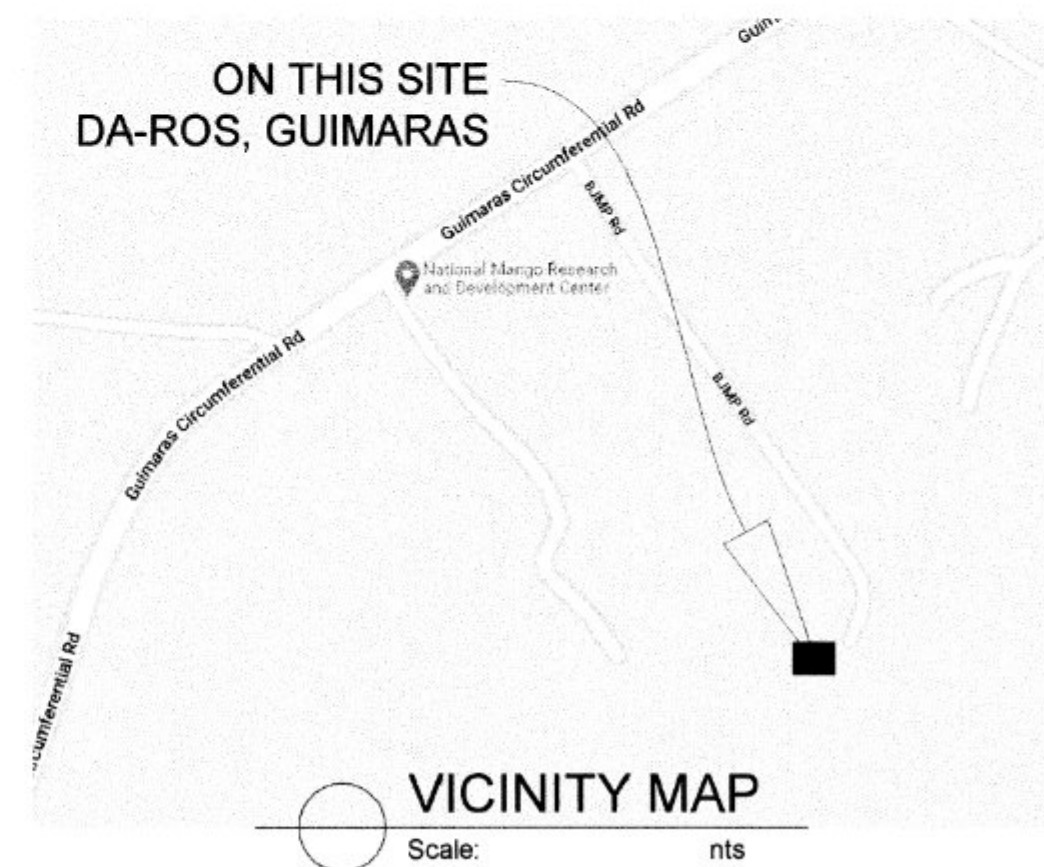
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ON THIS SITE  
DA-ROS, SIGMA








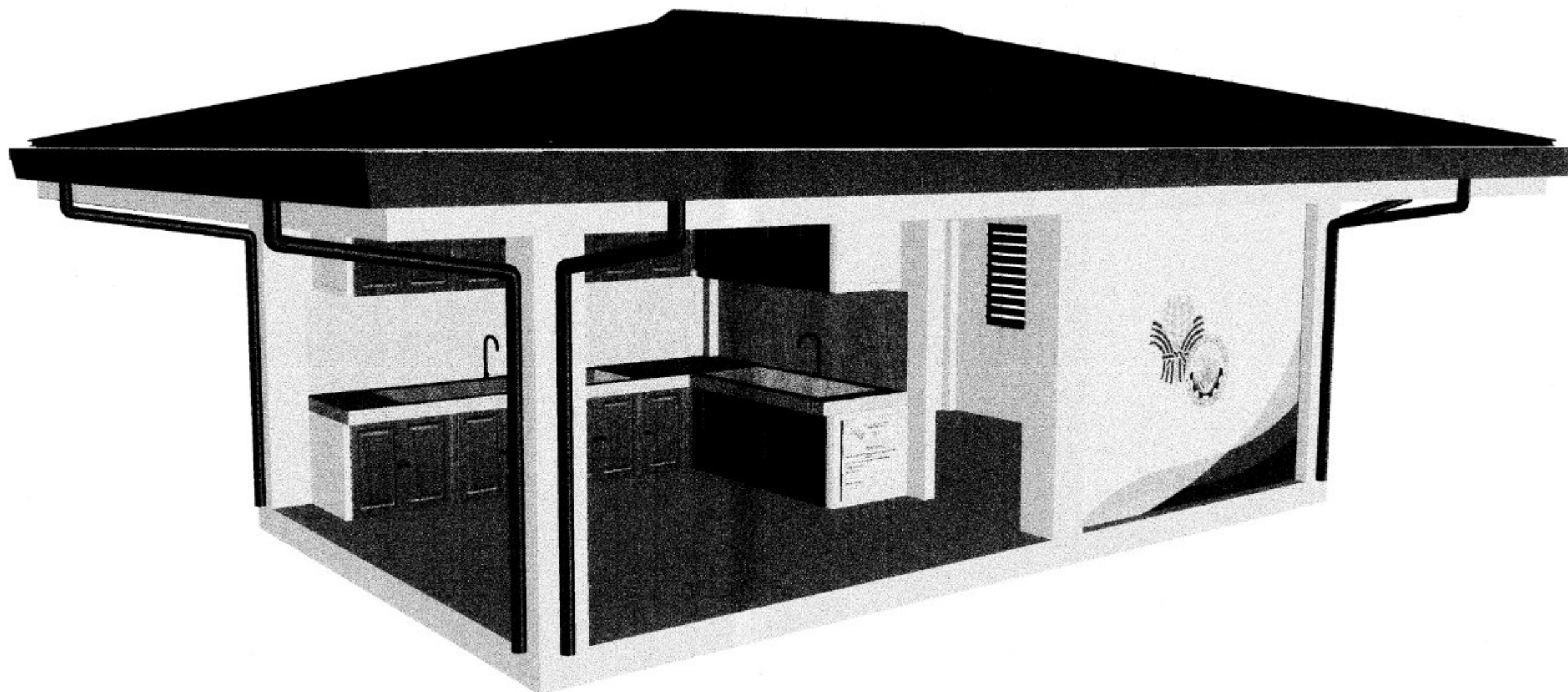
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DA-ROS, GUIMARAS




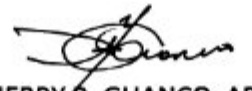
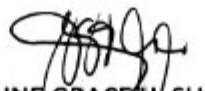


VICINITY MAP

Scale: nts

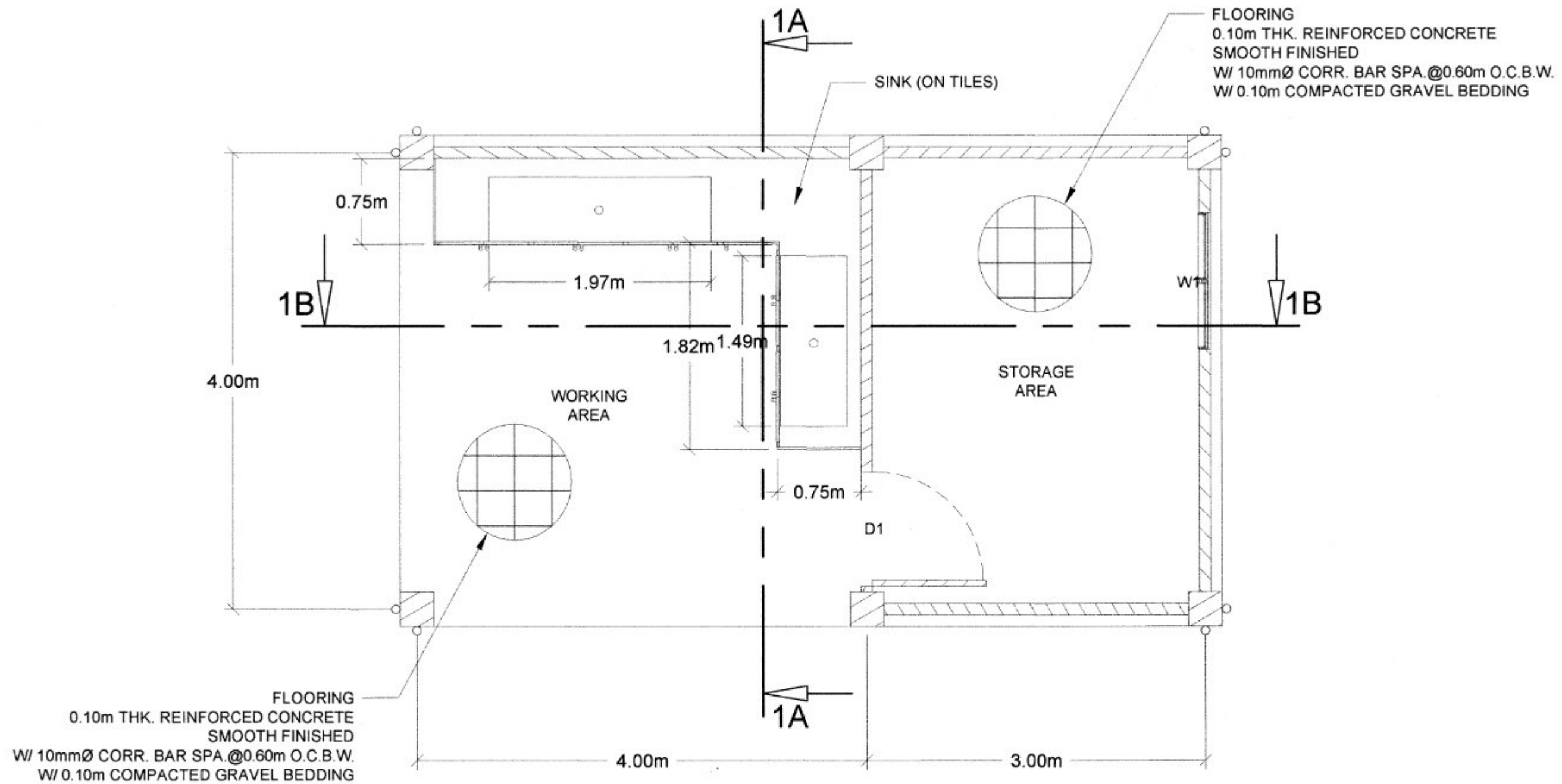
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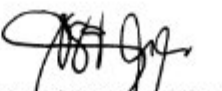
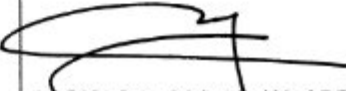

ISOMETRIC VIEW  
Scale: nts

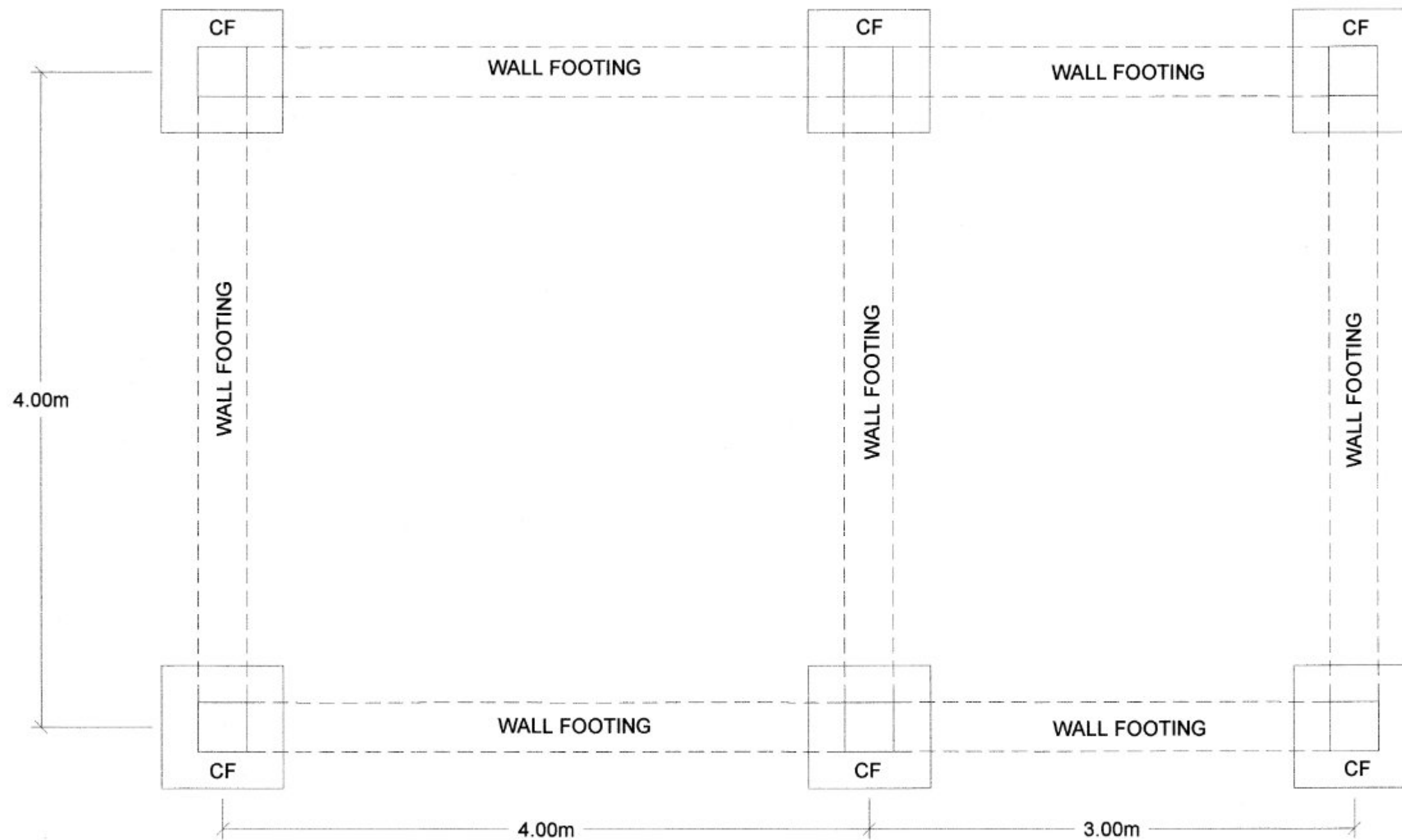
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|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p><b>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</b><br/>ROS SIGMA, CAPE<br/>ROS GUIMARAS</p> | ISOMETRIC VIEW  | <br><b>JERRY B. GUANCO, ABE</b><br><small>Engineer II (ABE NO. 0007298)</small> | <br><b>YVONNE GRACE H. SUR, ABE</b><br><small>Engineer III (ABE NO. 0005970)<br/>HEAD - EDCS</small> | <br><b>MOISES D. MANA-AY, ABE, MEE</b><br><small>Engineer IV (ABE NO. 0006077)<br/>OIC-Chief, RAED</small> | <br><b>JOSE ALBERT A. BARROGO, ABE</b><br><small>OIC-RTD for Operations and Extension</small> | <p>JBG</p> <p>SHEET NO. 2<br/>12</p> |






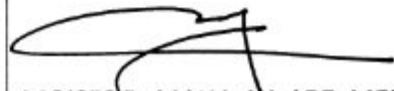



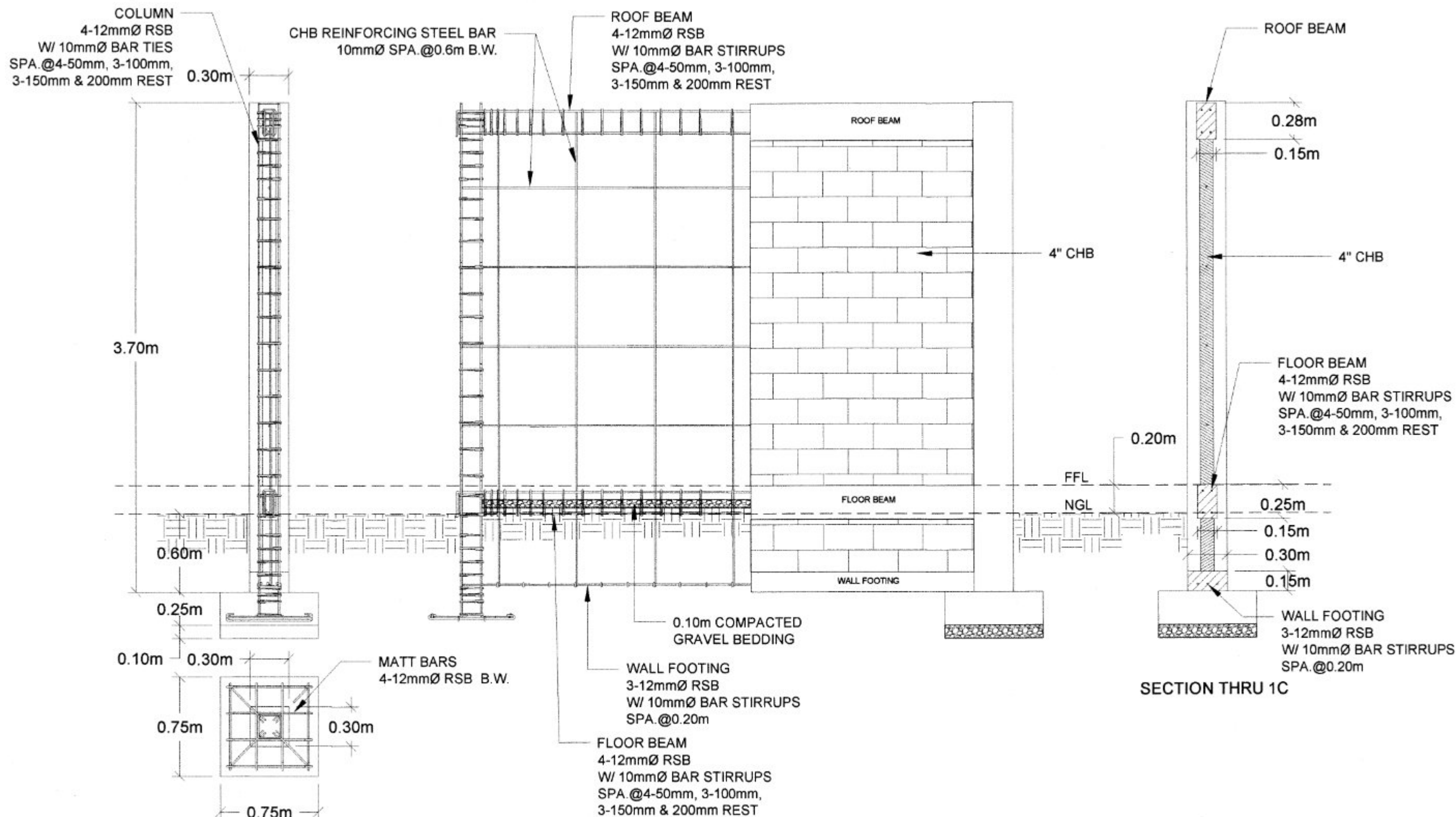
**FLOOR PLAN**  
Scale: 1:40

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|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p><b>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</b><br/>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | <p><b>FLOOR PLAN</b></p> | <p><br/><b>JERRY B. GUANCO, ABE</b><br/>Engineer II (ABE NO. 0007298)</p> | <p><br/><b>YVONNE GRACE H. SUR, ABE</b><br/>Engineer II (ABE NO. 0005970)<br/>HEAD - EPOGS</p> | <p><br/><b>MOISES D. MANAYAY, ABE, MEE</b><br/>Engineer IV (ABE NO. 0006077)<br/>CIC-Chief, RAE</p> | <p><br/><b>JOSE ALBERT A. BARROGO, ABE</b><br/>CIC-RTD for Operations and Extension</p> | <p>JBG</p> <p>SHEET NO. 3</p> <p>12</p> |






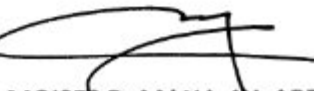

 **FOUNDATION PLAN**  
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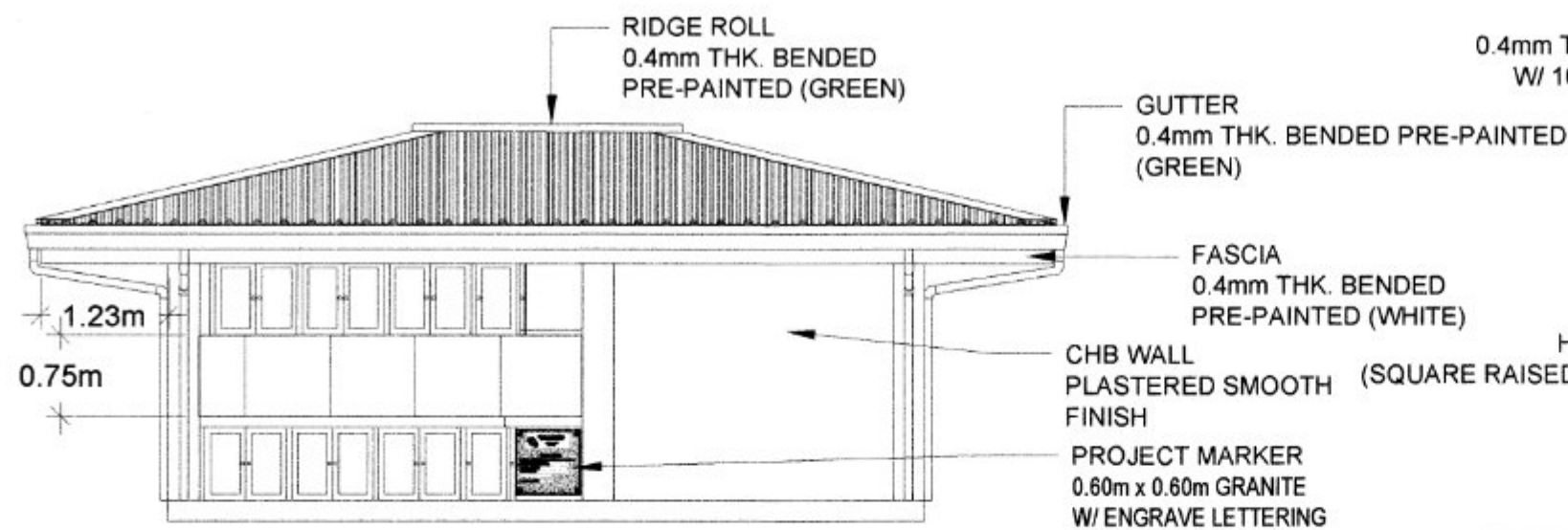
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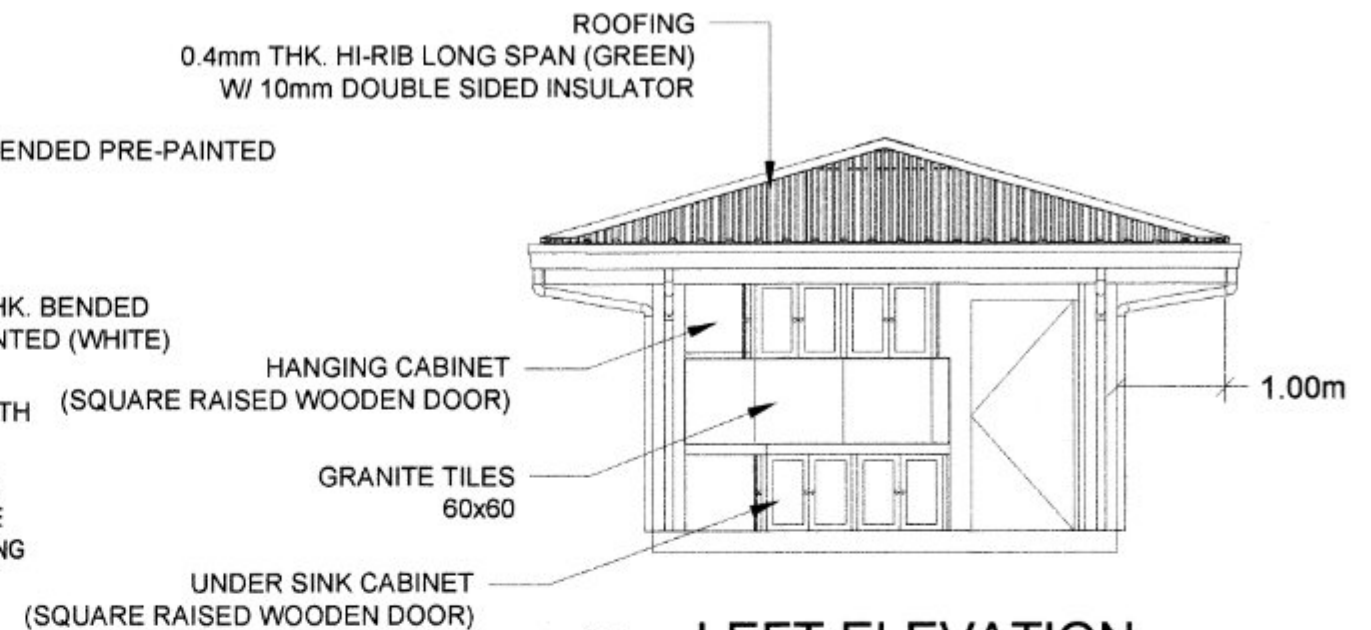
## STRUCTURAL DETAILS

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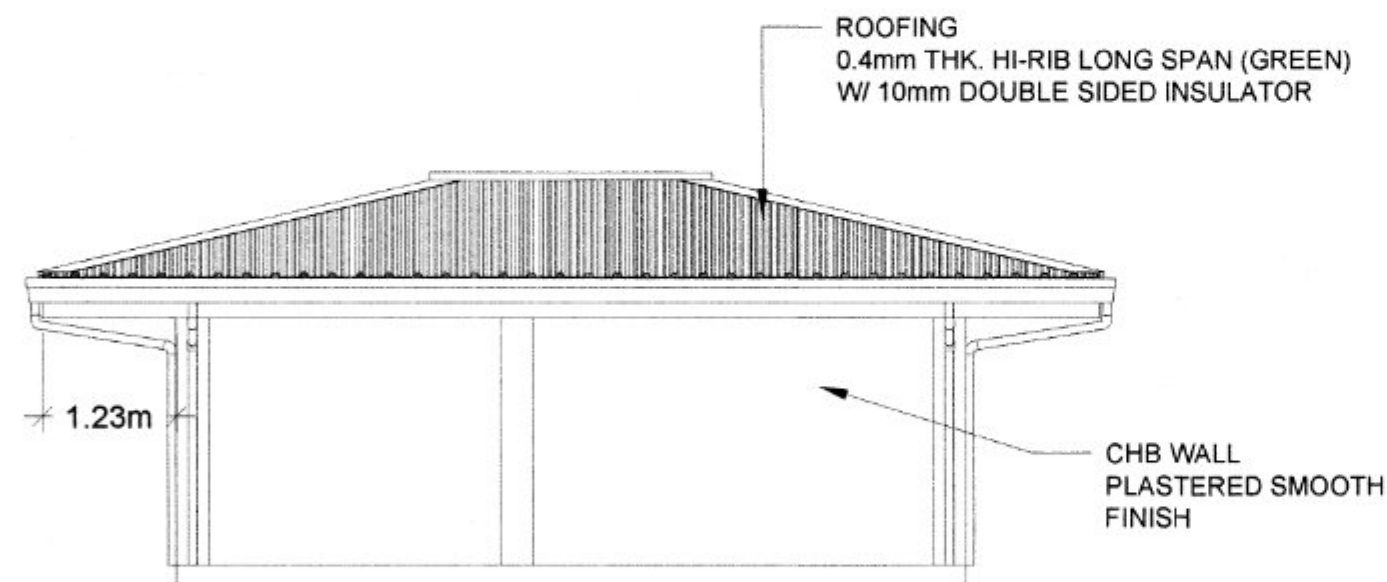
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|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</p> <p>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | STRUCTURAL<br>DETAILS | <p><br/>JERRY B. GUANCO, ABE<br/>Engineer II (ABE NO. 0007298)</p> | <p><br/>YVONNE GRACE H. SUR, ABE<br/>Engineer IV (ABE NO. 0006970)<br/>HEAD - EPOSS</p> | <p><br/>MOISES D. MANA-AY, ABE, MEE<br/>Engineer IV (ABE NO. 0006977)<br/>CIC Chief, RAED</p> | <p><br/>JOSE ALBERT A. BARROGO, ABE<br/>CIC-RTD for Operations and Extension</p> | <p>JBG</p> <p>SHEET NO. 5</p> <p>12</p> |



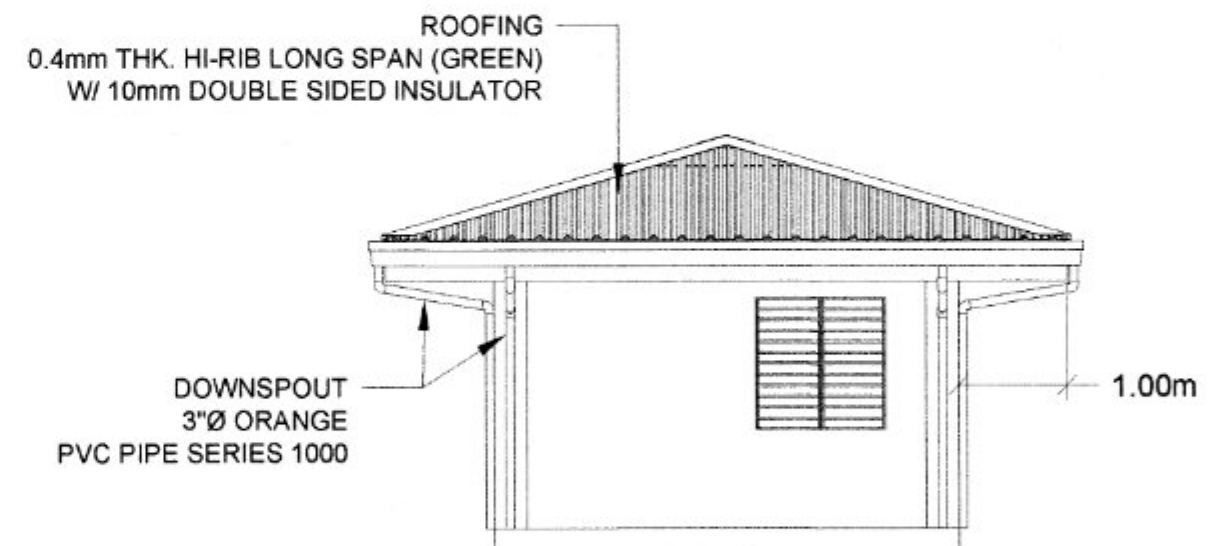
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
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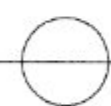
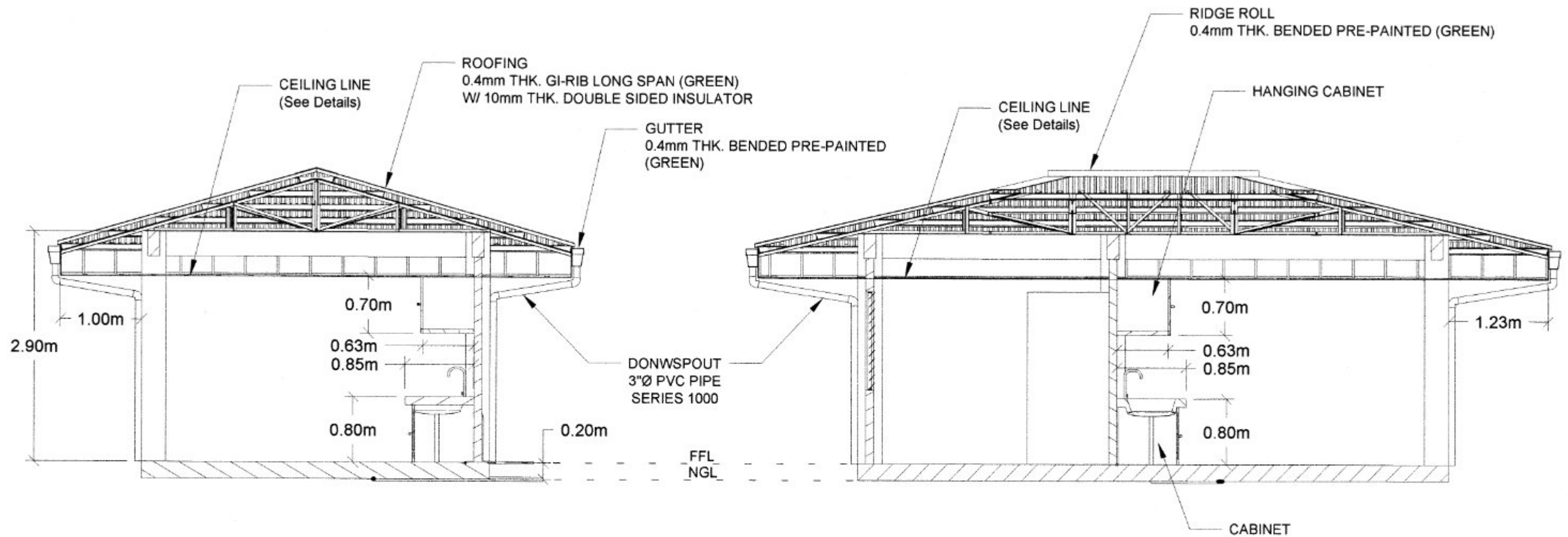
**REAR ELEVATION**  
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**RIGHT ELEVATION**  
Scale: 1:70

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|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p><b>CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY</b><br/>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | <p><b>ELEVATIONS</b></p> | <p><br/><b>JERRY B. GUANCO, ABE</b><br/>Engineer II (ABE NO. 0007298)</p> | <p><br/><b>YVONNE GRACE H. SUR, ABE</b><br/>Engineer III (ABE NO. 0005970)<br/>HEAD - EPDSS</p> | <p><br/><b>MOISES D. MANA-AY, ABE, MEE</b><br/>Engineer IV (ABE NO. 0006077)<br/>DIC-CHIEF, RAED</p> | <p><br/><b>JOSE ALBERT A. BARROGO, ABE</b><br/>DIC-ATP for Operations and Extension</p> | <p><br/>SHEET NO.: <b>6</b><br/><b>12</b></p> |

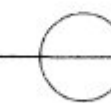




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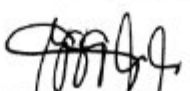


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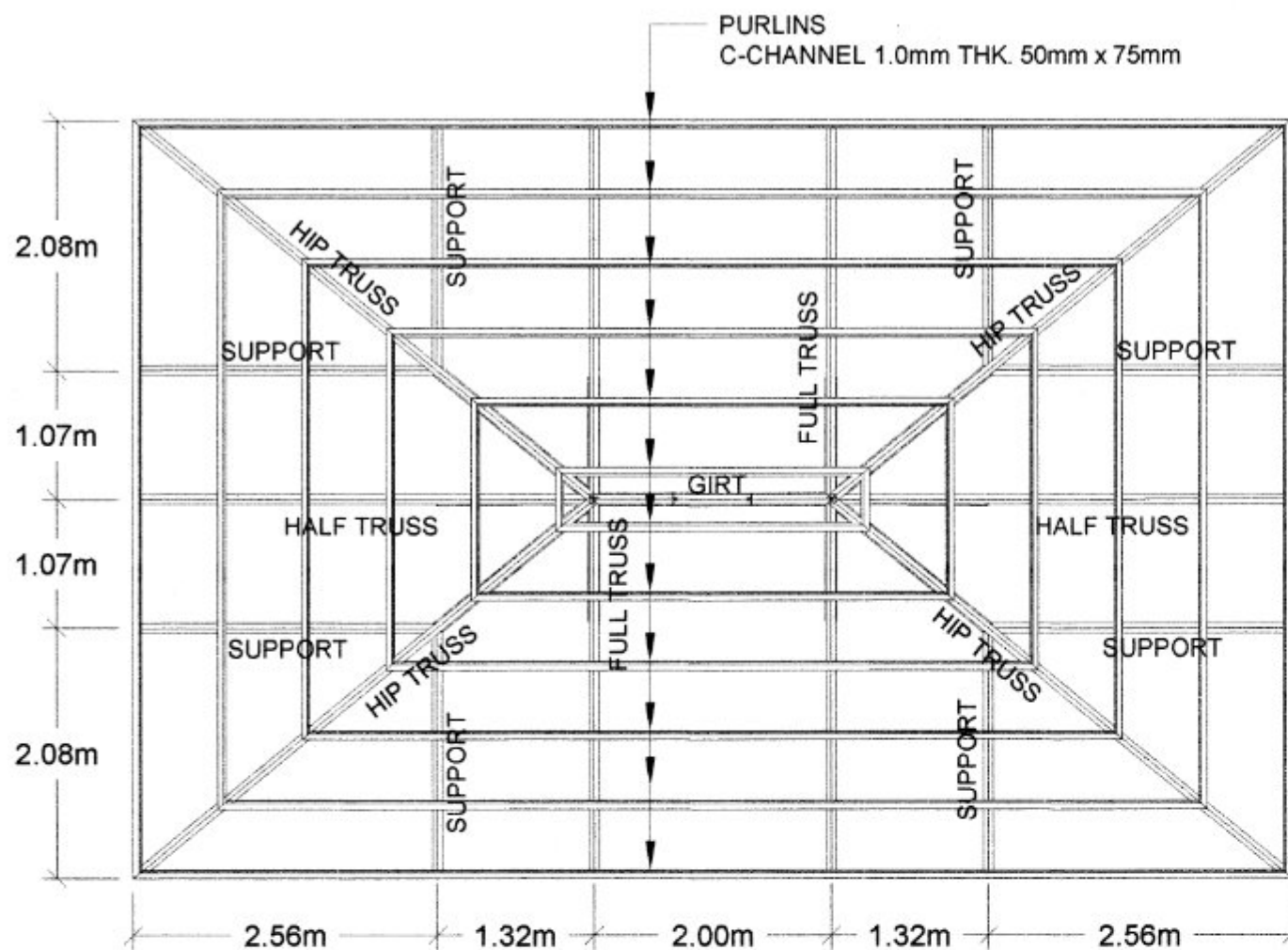
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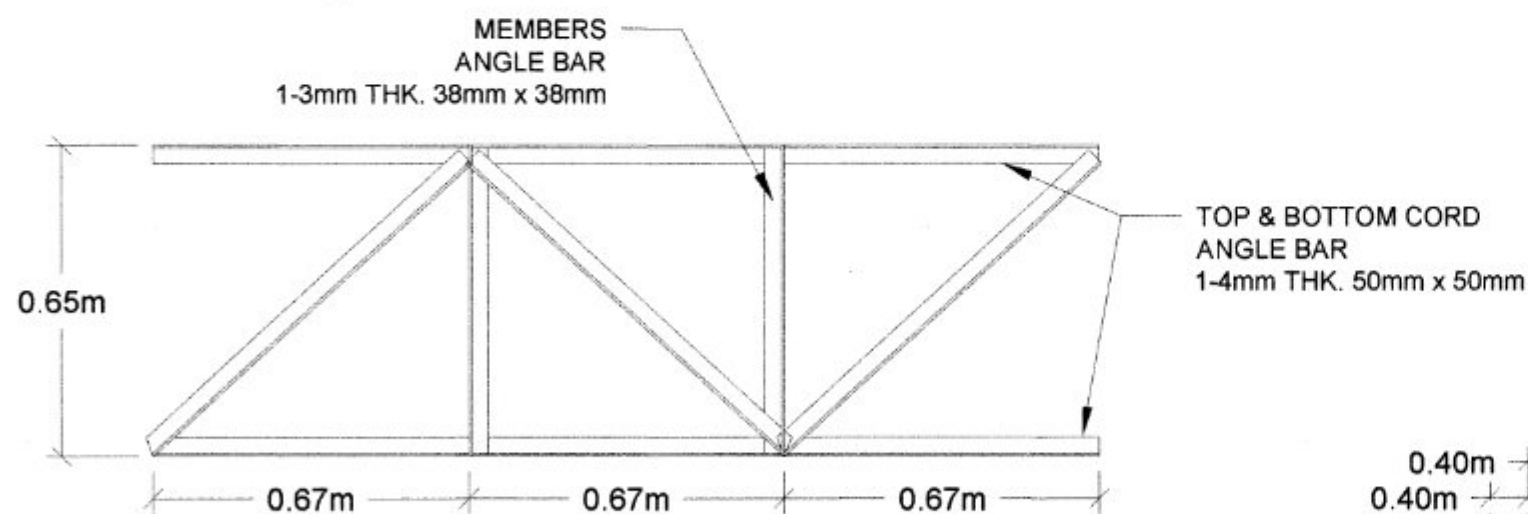
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|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</p> <p>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | <p>SECTIONS</p> | <p><br/>JERRY B. GUANCO, ABE<br/>Engineer II (ABE NO. 0007298)</p> | <p><br/>YVONNE GRACE H. SUR, ABE<br/>Engineer III (ABE NO. 0005970)<br/>HEAD - EPOSS</p> | <p><br/>MOISES D. MANA-AY, ABE, MEE<br/>Engineer IV (ABE NO. 0006077)<br/>OIC-Chief, RAED</p> | <p><br/>JOSE ALBERT A. BARROGO, ABE<br/>OIC-MD for Operations and Extension</p> | <p>JBG</p> <p>SHEET NO. : 7/12</p> |





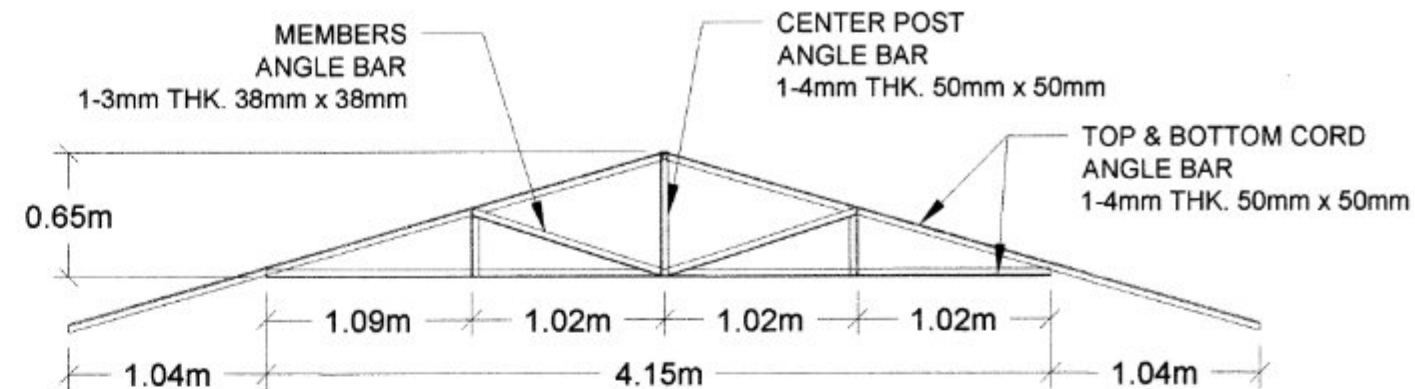
**ROOF FRAMING PLAN**

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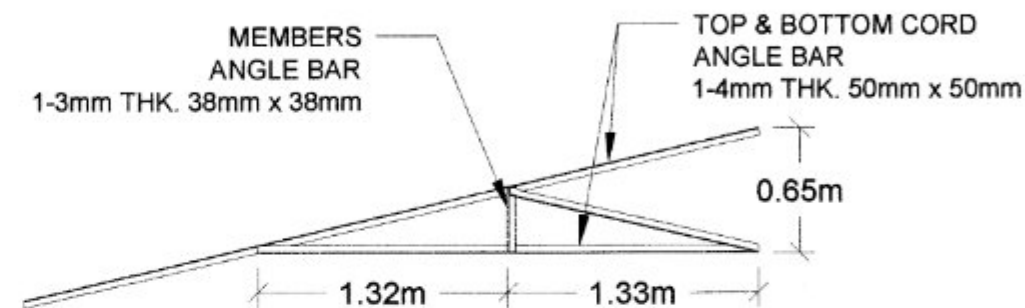
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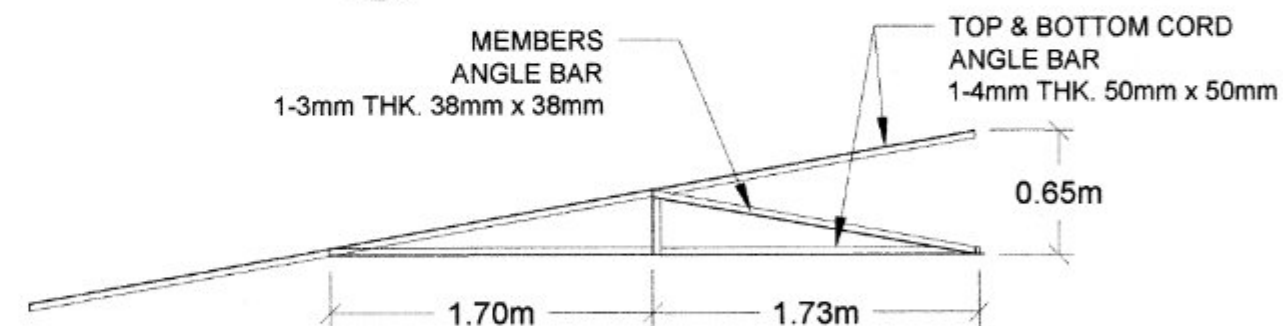
**FULL TRUSS DETAILS**

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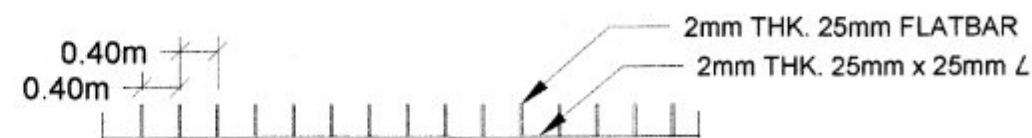
**HALF TRUSS DETAILS**

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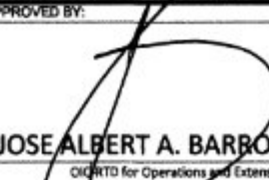
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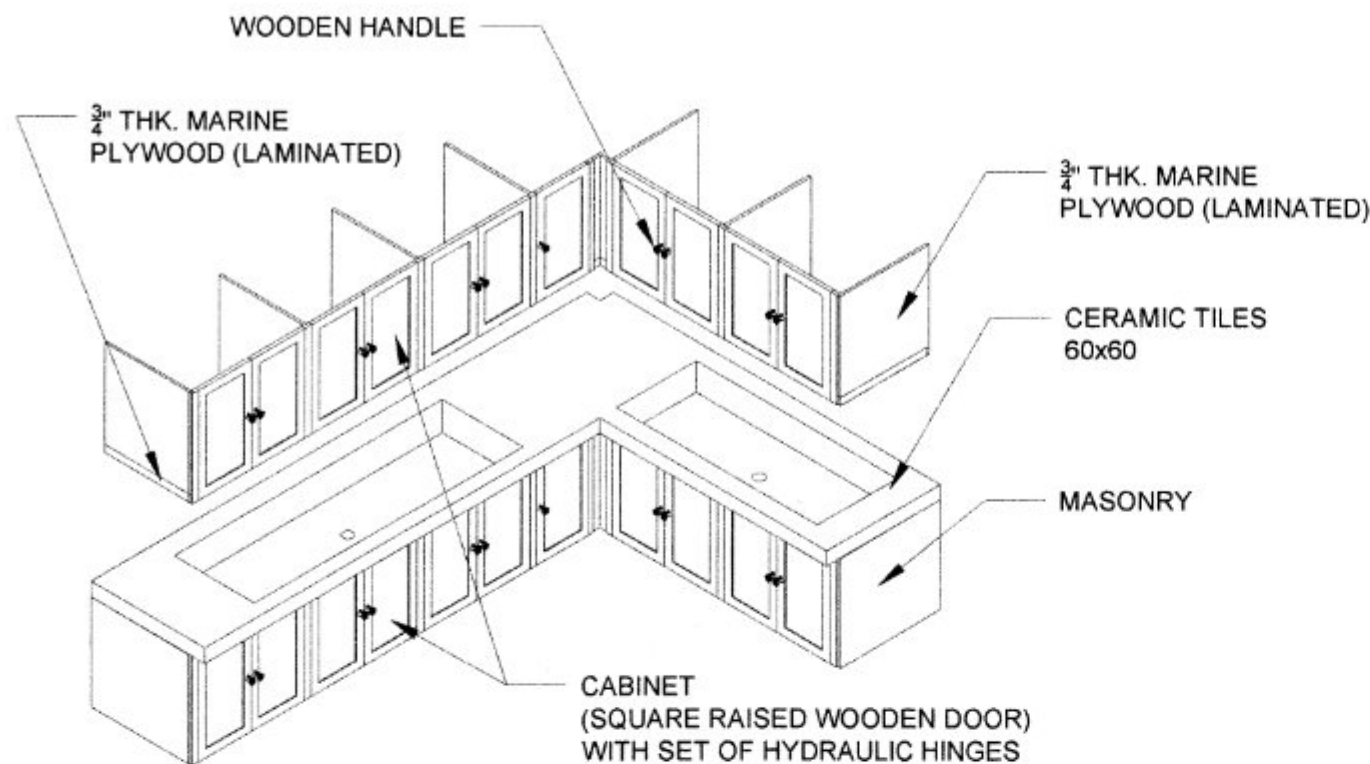


**FASCIA FRAME DETAILS**

Scale: 1:80

| IMPLEMENTING AGENCY   | PROJECT NAME & LOCATION   | SHEET CONTENTS               | PREPARED BY:  | REVIEWED BY:   | RECOMMENDED:   | APPROVED BY:   | CAD BY:                                 |
|---|---|------------------------------|---|--|--|--|---|
|  <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</p> <p>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | <p>ROOF FRAMING<br/>PLAN</p> | <p><br/>JERRY B. GUANCO, ABE<br/>Engineer II (ABE NO. 0007298)</p> | <p><br/>YVONNE GRACE M. SUR, ABE<br/>Engineer II (ABE NO. 0005970)<br/>HEAD - EPOSS</p> | <p><br/>MOISES D. MANAY, ABE, MEE<br/>Engineer IV (ABE NO. 0006077)<br/>CIC-Chief, RABD</p> | <p><br/>JOSE ALBERT A. BARROGO, ABE<br/>CIC-TO for Operations and Extension</p> | <p>JBG</p> <p>SHEET NO. 8</p> <p>12</p> |

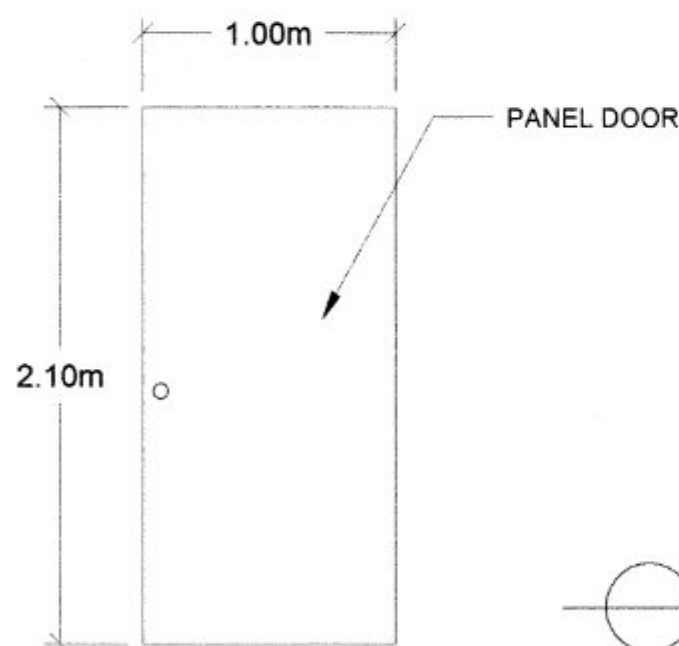




**CABINET ISOMETRIC VIEW**

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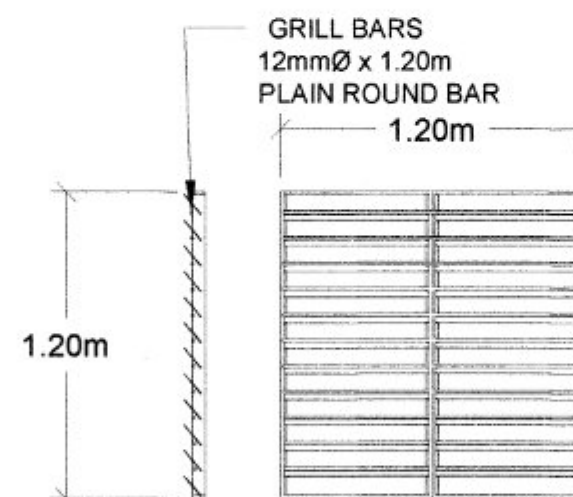
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**WOODEN DOOR DETAILS**

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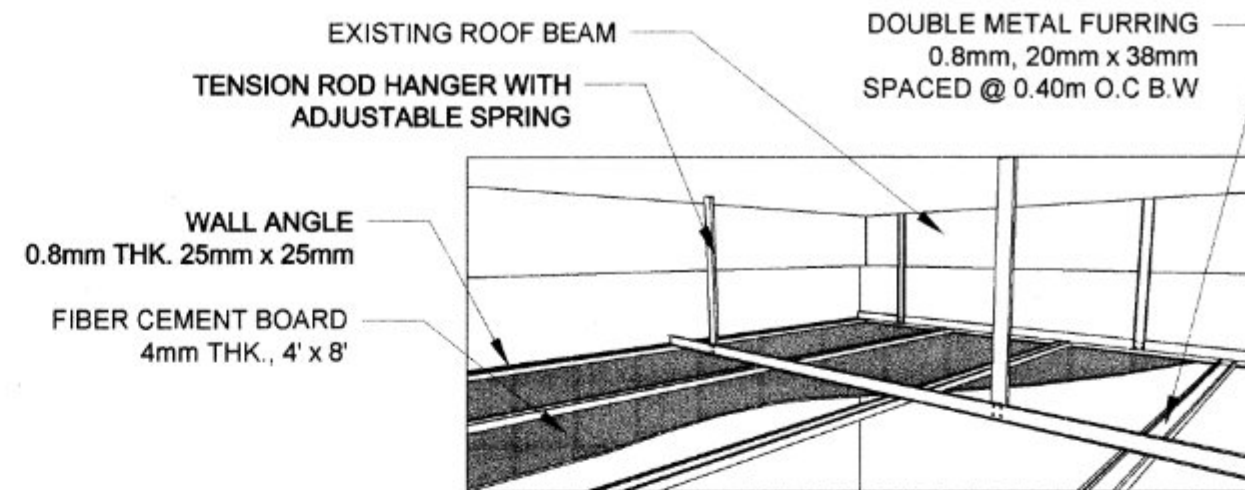
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**JALOUSIE WINDOW DETAILS**

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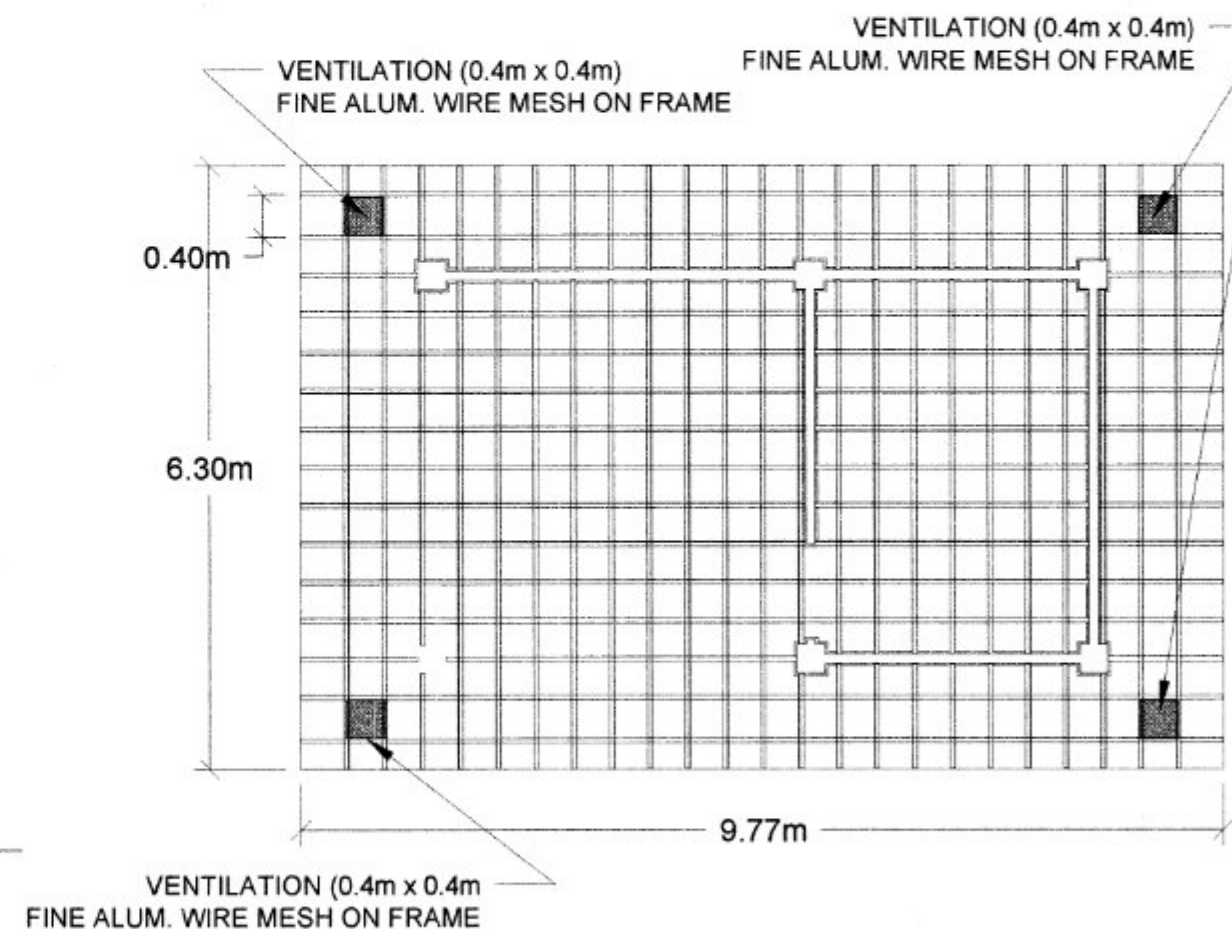
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**TYPICAL CEILING FRAMING**

Scale:

nts



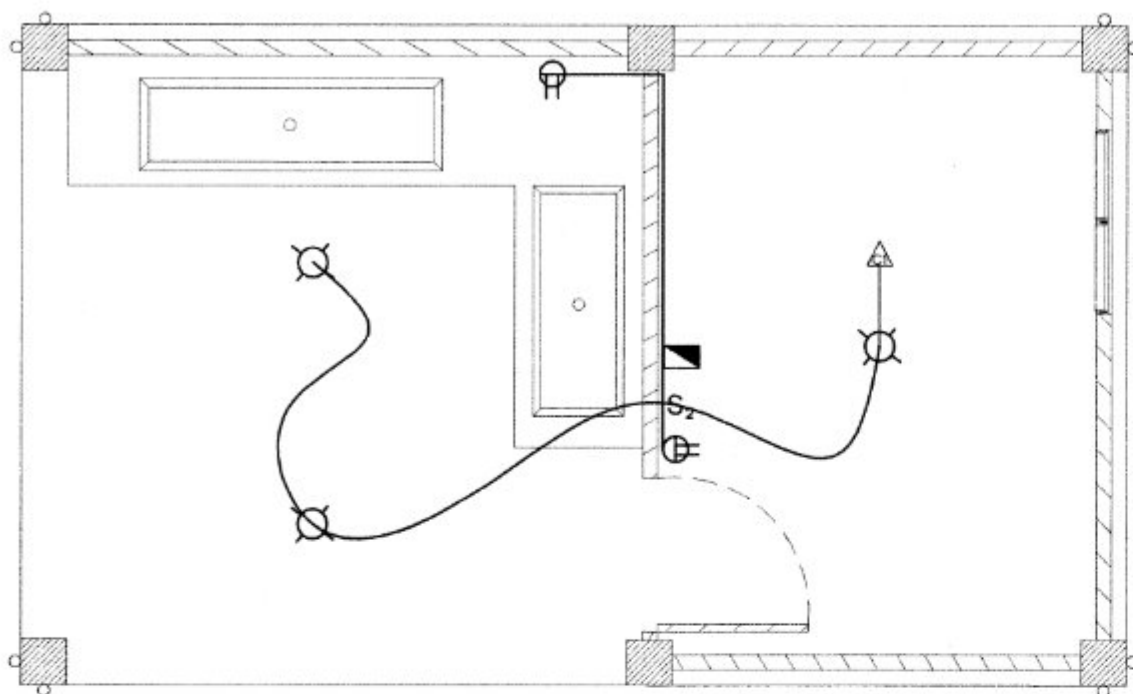
**CEILING JOIST FRAMING PLAN**

Scale:

1:80

|   |   |   |   |   |  |  |  |
|---|---|---|---|---|--|--|--|
| <p>IMPLEMENTING AGENCY:</p> <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE</p> <p>WESTERN VISAYAS<br/>ILOILO CITY</p> | <p>PROJECT NAME &amp; LOCATION:</p> <p>CONSTRUCTION OF BOTANICAL<br/>CONCOCTION FACILITY</p> <p>RDS SIGMA, CAPIZ<br/>RDS GUIMARAS</p> | <p>SHEET CONTENTS:</p> <p>DOORS<br/>WINDOWS<br/>CEILING</p> | <p>PREPARED BY:</p> <p><i>Jerry B. Guanco</i></p> <p>JERRY B. GUANCO, ABE<br/>Engineer II (ABE NO. 0007298)</p> | <p>REVIEWED BY:</p> <p><i>Yvonne Grace H. Sur</i></p> <p>YVONNE GRACE H. SUR, ABE<br/>Engineer III (ABE NO. 0005970)<br/>HEAD - EPDSS</p> | <p>RECOMMENDED BY:</p> <p><i>Moises D. Mana-ay</i></p> <p>MOISES D. MANA-AY, ABE, MEE<br/>Engineer IV (ABE NO. 0006077)<br/>OIC-Chief, R&amp;D</p> | <p>APPROVED BY:</p> <p><i>Jose Albert A. Barrogo</i></p> <p>JOSE ALBERT A. BARROGO, ABE<br/>OIC-RTD for Operations and Extension</p> | <p>CAD BY:</p> <p>JBS</p> <p>SHEET NO.:</p> <p>10<br/>12</p> |
|---|---|---|---|---|--|--|--|





## ELECTRICAL LAYOUT

Scale: 1:50

### SCHEDULE OF LOADS

| CIRCUIT NO. | LOAD DESCRIPTION  | VOLTAGES | OUTLETS |      |       | SWITCHES |    |    | AMPERES | SIZE OF WIRE    | CIRCUIT PROTECTION | CONDUIT SIZE      |
|-------------|-------------------|----------|---------|------|-------|----------|----|----|---------|-----------------|--------------------|-------------------|
|             |                   |          | L.O.    | C.O. | OTHER | S1       | S2 | S3 |         |                 |                    |                   |
| C1          | LIGHTING OUTLETS  | 230      | 3       |      |       |          | 1  |    | 0.19    | 2-2.0 sq. mm. l | 15 AT, 2P, 60Hz    | 25mm <sup>2</sup> |
| C2          | CONVENIENT OUTLET | 230      |         | 2    |       |          |    |    | 15.65   | 2-3.5 sq. mm.   | 20 AT, 2P, 60Hz    | 25mm <sup>2</sup> |
| C3          | SPARE             |          |         |      |       |          |    |    |         |                 |                    |                   |
| TOTAL       |                   |          |         |      |       |          |    |    | 15.89   | 2-5.5 sq. mm.   | 30 AT, 2P, 60Hz    | 32mm <sup>2</sup> |

### DESIGN ANALYSIS:

#### CIRCUIT 1

S<sub>2</sub> : 15 WATTS, 3 UNITS TOTAL WATTAGE = 15W (3 UNITS) = 45 WATTS

DETERMINING THE SAFE AMPERES OF C.B. & SAFE SIZE AND TYPE OF COPPER CONDUCTORS TO BE USED:

$$I = 45W / 230V = 0.19 \text{ AMPERE}$$

$I = 0.19 (1.20) = 0.23 \text{ AMPERE}$  (1.20 SAFETY FACTOR IS USE, SINCE CIRCUIT BREAKERS WHEN THEY ARE INSTALLED IN ENCLOSED SWITCHBOARDS, THEY ARE USUALLY DERATED TO 80 PERCENT. PHILIPPINES ELECTRICAL CODE)

USE: MINIMUM STANDARD AMPERE RATING OF CIRCUIT BREAKER W/C IS 15 AMPERES. ( MAXIMUM SAFE AMPERES THIS C.B. COULD CARRY IS 12AMPERES = 15A X 0.80 )

SIZE OF CONDUCTOR:

$$\text{SIZE} = 125 \% \text{ OF FULL LOAD AMPERES (FLA)}$$

$$= 1.25 \times 12A$$

$$= 15 \text{ AMPERES. REFER TO THE TABLE FOR STANDARD AMPACITY}$$

OF CONDUCTORS. PHILIPPINE ELECTRICAL CODE, Part 1.

USE: 2.0mm<sup>2</sup> THWN COPPER WIRE 75°C, 15 A

#### CIRCUIT 2

S : 1,500WATTS, 2 UNITS TOTAL WATTAGE = 1500W (2 UNITS) = 3000 WATTS

DETERMINING THE SAFE AMPERES OF C.B. & SAFE SIZE AND TYPE OF COPPER CONDUCTORS TO BE USED:

$$I = 3000W / 230V = 13.04 \text{ AMPERES}$$

$$I = 13.04 (1.20) = 15.65 \text{ AMPERES}$$

USE: STANDARD AMPERE RATING OF CIRCUIT BREAKER W/C IS 20A.

SIZE OF CONDUCTOR: SIZE = 125 % OF FULL LOAD AMPERE

$$= 1.25 \times 16A$$

$$= 20 \text{ AMPERES}$$

USE: 3.5 mm<sup>2</sup> THHN COPPER WIRE 90°C, 20 A

#### MAIN CIRCUIT

TOTAL WATTAGE = 3045 WATTS

DETERMINING THE SAFE AMPERES OF C.B. & SAFE SIZE AND TYPE OF COPPER CONDUCTORS TO BE USED:

$$I = 3045W / 230V = 13.24 \text{ AMPERES}$$

$$I = 13.24 (1.20) = 15.89 \text{ AMPERES}$$

USE: STANDARD AMPERE RATING OF CIRCUIT BREAKER W/C IS 30A.

SIZE OF CONDUCTOR:

$$\text{SIZE} = 125 \% \text{ OF FULL LOAD AMPERE}$$

$$= 1.25 \times 16A$$

$$= 20 \text{ AMPERES}$$

USE: 5.5mm<sup>2</sup> THHN COPPER WIRE 90°C, 30A

### ELECTRICAL NOTES

ALL ELECTRICAL WORKS AND INSTALLATION SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATION OF THE POWER COMPANY AND THE IMPLEMENTING POLICIES OF THE LOCAL GOVERNMENT.

SERVICE ENTRANCE DROP TO THE BUILDING SHALL BE PROPERLY SECURED.

ALL SERVICE ENTRANCE EQUIPMENT SUCH AS PANEL BOARD, CIRCUIT BREAKERS, ETC. SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PHILIPPINE ELECTRICAL CODE.

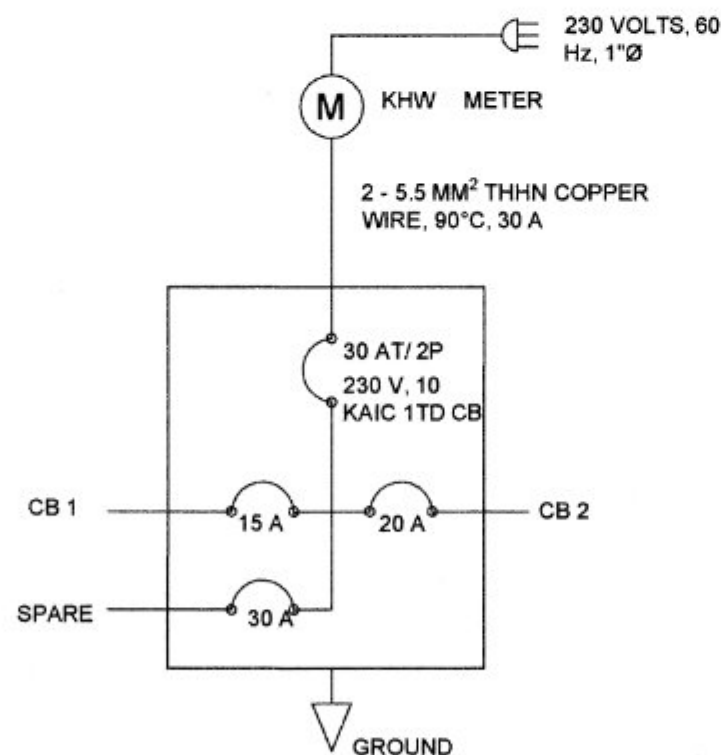
ALL WIRING SHALL BE INSTALLED IN PRESCRIBED uPVC CONDUIT PIPES, RUN EMBEDDED INSIDE THE CONCRETE WALL STRUCTURE AND CONCEALED IN THE CEILING BOARD THROUGH THE USE OF uPVC FLEXIBLE CONDUIT PIPE WHEREVER REQUIRED AND NECESSARY, uPVC JUNCTION BOXES OF PROPER SIZES SHALL BE INSTALLED AT CONVENIENT AND INCONSPICUOUS LOCATION, ALTHOUGH SUCH BOXES ARE NOT SHOWN ON NOR INDICATED IN THE PLANS. PLS SEE THE P.O.W. FOR MATERIALS SPECIFICATIONS.

ALL WALL OUTLETS SHALL BE INSTALLED IN THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR LINE, UNLESS OTHERWISE NOTED:

- FLUSH WALL SWITCHES .....1372 MM A.F.L.
- FLUSH DUPLEX CONVENIENT OUTLETS(STORAGE)..... 300 MM A.F.L.
- FLUSH DUPLEX CONVENIENT OUTLETS(WORKING).....1397 MM A.F.L.
- WALL EMBEDDED STEEL PANEL BOARD BOX..... 1830 MM A.F.L.

ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER OR A REGISTERED MASTER ELECTRICIAN.

NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PRIOR KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT APPROVAL SHALL CAUSE RESPONSIBILITY OF THE DESIGNER TO CEASE AS A WHOLE.



## LINE DIAGRAM

| LEGEND |                                  |
|--------|----------------------------------|
|        | METER                            |
|        | STEEL PANEL BOARD, 6 HOLES       |
|        | CONVENIENT OUTLET                |
|        | LIGHT BULB, SPIRAL, ELECT. SAVER |
|        | POWER CIRCUIT LINE               |
|        | LIGHTING CIRCUIT LINE            |
|        | SWITCH LINE                      |
|        | CIRCUIT HOME RUN                 |
|        | SERVICE ENTRANCE                 |
|        | SINGLE POLE WALL SWITCH          |
|        | DUPLEX SWITCH, 2 POLE, 1 GANG    |
|        | CIRCUIT BREAKER                  |

|                          |  |   |  |  |  |  |   |
|--------------------------|--|---|--|--|--|--|---|
| IMPLEMENTING AGENCY:<br> | PROJECT NAME & LOCATION:<br><b>CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY</b><br>RDS SIGMA, CAPIZ<br>RDS GUIMARAS | SHEET CONTENTS:<br><b>ELECTRICAL LAYOUT</b> | PREPARED BY:<br><br><b>JERRY B. GUANCO, ABE</b><br>Engineer II (ABE NO. 0007298) | REVIEWED BY:<br><br><b>YVONNE GRACE H. SUR, ABE</b><br>Engineer IV (ABE NO. 0006970)<br>HEAD - EPOSS | RECOMMENDED:<br><br><b>MOISES D. MANA-AY, ABE, MEE</b><br>Engineer IV (ABE NO. 0006977)<br>OIC-Chief, RAED | APPROVED BY:<br><br><b>JOSE ALBERT A. BARROGO, ABE</b><br>OIC-PTD for Operations and Extension | CAD BY:<br><b>JBG</b><br>SHEET NO.:<br><b>11</b><br><b>12</b> |
|--------------------------|--|---|--|--|--|--|---|





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
WESTERN VISAYAS  
ILOILO CITY

**PROJECT :** CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY  
**LOCATION :** DA-ROS, SIGMA, CAPIZ / DA-ROS, GUIMARAS

**COST :**  
**FUND SOURCE/S :** ORGANIC PROGRAM (2023)

**IMPLEMENTING AGENCY :** DEPARTMENT OF AGRICULTURE - WESTERN VISAYAS  
**DEVELOPMENT PARTNER/S :**  
**CONTRACTOR SUPPLIER :**  
**BRIEF DESCRIPTION OF PROJECT :**

**PROJECT DETAILS :**

| PROJECT DATE |         |                           | PROJECT STATUS           |              |                       |                | REMARKS |
|--------------|---------|---------------------------|--------------------------|--------------|-----------------------|----------------|---------|
| DURATION     | STARTED | TARGET DATE OF COMPLETION | PERCENTAGE OF COMPLETION | AS OF (DATE) | COST INCURRED TO DATE | DATE COMPLETED |         |
|              |         |                           |                          |              |                       |                |         |
|              |         |                           |                          |              |                       |                |         |

FOR PARTICULARS OR COMPLAINTS ABOUT THIS PROJECT, PLEASE CONTACT THE REGIONAL OFFICE OR CLUSTER WHICH HAS AUDIT JURISDICTION ON THIS PROJECT:


COA REGIONAL OFFICE NO./CLUSTER : \_\_\_\_\_  
ADDRESS : \_\_\_\_\_  
CONTACT NO. : \_\_\_\_\_ OR TEXT COA CITIZEN'S DESK AT 0915-5391957

TARPAULIN, WHITE, 8 FT x 8 FT  
RESOLUTION: 70 DPI  
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SUB INFORMATION - 1"  
FONT COLOR: BLACK


**COA BILLBOARD**  
 Scale: \_\_\_\_\_ nts

CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY  
DA-ROS, SIGMA, CAPIZ / DA-ROS, GUIMARAS

CONTRACTOR : \_\_\_\_\_  
DATE STARTED : \_\_\_\_\_  
CONTRACT COMPLETION DATE : \_\_\_\_\_  
CONTRACT COST : \_\_\_\_\_  
CONSTRUCTION CONSULTANT : \_\_\_\_\_  
IMPLEMENTING OFFICE : DEPARTMENT OF AGRICULTURE - WESTERN VISAYAS  
SOURCE OF FUND : \_\_\_\_\_




REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
WESTERN VISAYAS  
ILOILO CITY

- THE BILLBOARD DESIGN LAYOUT AND DIMENSION SHALL BE ON A STANDARD BILLBOARD MEASURING 1200 mm x 2400 mm (4FT x 8FT.) USING 12 mm (½ INCH) THICK MARINE PLYWOOD OR TARPULIN POSTED ON 5 mm (⅜ INCH) MARINE PLYWOOD.

- THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE.


**PROJECT SIGNBOARD**  
 Scale: \_\_\_\_\_ nts



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
WESTERN VISAYAS  
ILOILO CITY





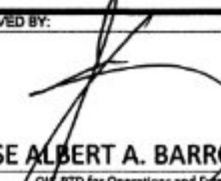
**PROJECT PROFILE**

NAME OF PROJECT: CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY  
LOCATION: DA-ROS - SIGMA, CAPIZ & JORDAN GUIMARAS  
FUNDING SOURCE: \_\_\_\_\_  
BENEFICIARIES: \_\_\_\_\_

PROJECT COST (₱) : \_\_\_\_\_

PROJECT MARKER  
0.60m x 0.60m GRANITE  
W/ ENGRAVE LETTERING


**PROJECT MARKER**  
 Scale: \_\_\_\_\_ nts

|   |  |   |  |   |  |  |   |
|---|--|---|--|---|--|--|---|
| IMPLEMENTING AGENCY:<br> <p>REPUBLIC OF THE PHILIPPINES<br/>DEPARTMENT OF AGRICULTURE<br/>WESTERN VISAYAS<br/>ILOILO CITY</p> | PROJECT NAME & LOCATION:<br><p>CONSTRUCTION OF BOTANICAL CONCOCTION FACILITY<br/>ROS SIGMA, CAPIZ<br/>ROS GUIMARAS</p> | SHEET CONTENTS:<br><p>COA BILLBOARD PROJECT SIGNBOARD</p> | PREPARED BY:<br><br><p>JERRY B. GUANCO, ABE<br/>Engineer II (ABE NO. 0007298)</p> | REVIEWED BY:<br><br><p>YVONNE GRACE H. SUR, ABE<br/>Engineer II (ABE NO. 0005970)<br/>HEAD - EPOSS</p> | RECOMMENDED:<br><br><p>MOISES D. MANA-AY, ABE, MEE<br/>Engineer IV (ABE NO. 0006077)<br/>QC-Chief, RAED</p> | APPROVED BY:<br><br><p>JOSE ALBERT A. BARROGO, ABE<br/>OIC-RTD for Operations and Extension</p> | CAD BY:<br>JBG<br>SHEET NO.:<br><div style="border: 1px solid black; padding: 5px; text-align: center;">             12<br/>12           </div> |
|---|--|---|--|---|--|--|---|