

Republic of the Philippines
Department of Agriculture

PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY

3/F DA-PCAF Bldg., Department of Agriculture, Elliptical Rpad, Diliman, Quezon City

THE BIDS AND AWARDS COMMITTEE

Tel. Nos. 98288756 to 65 loc. 2652; 87219813 | Email: bac@philfida.da.gov.ph



**Invitation to Bid for the Construction of Abaca Processing Center
in Josefina, Zamboanga del Sur**

Annex A

DETAILED ENGINEERING DESIGN



REPUBLIC OF THE PHILIPPINES
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY
CENTRAL OFFICE
3/F DA-PCAF BLDG., DEPARTMENT OF AGRICULTURE,
ELLIPTICAL RD., DILIMAN, QUEZON CITY

C.Y. 2024 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR
CONSTRUCTION OF ABACA PROCESSING CENTER
UNDER HIBLA FARMING

JOSEFINA, ZAMBOANGA DEL SUR

DRAWN/PREPARED BY:

[Signature]
ENGR. LIAM ROBER A. LAGARTO / ENGR. WYLA JILL ANN B. PERIA
ENGINEER I / ENGINEER I

DATE:



REVIEWED BY:

[Signature]
ENGR. ROMY ALVIN D. DOMINGO
FIBER DEVELOPMENT OFFICER II/HEAD, EPDSS

DATE:

RECOMMENDING APPROVAL:

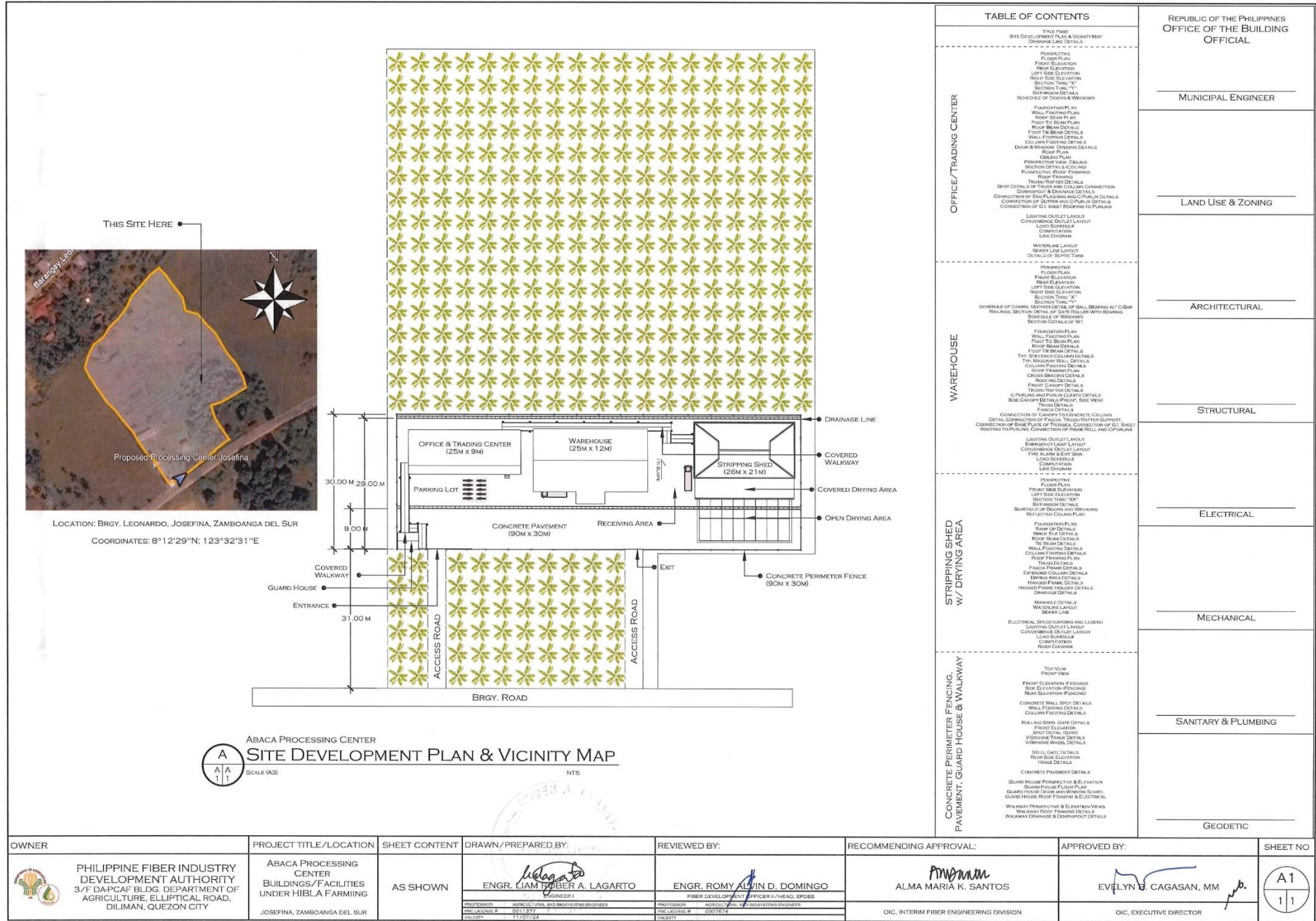
[Signature]
ALMA MARIA K. SANTOS
OIC, INTERIM FIBER ENGINEERING DIVISION

DATE:

APPROVED BY:

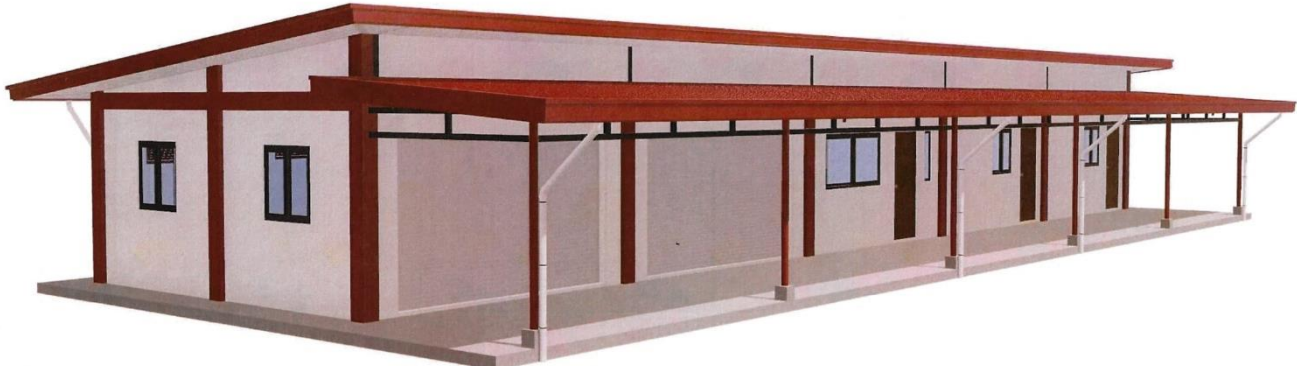


[Signature]
EVELYN B. CAGASAN, MM
OIC, EXECUTIVE DIRECTOR

DATE:



ABACA PROCESSING CENTER
A
 A1
 11
 SCALE (A3)
 NTS
SITE DEVELOPMENT PLAN & VICINITY MAP

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	AS SHOWN	 ENGR. LIAM ALBER A. LAGARTO ENGINEER I	 ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER I/HEAD, EPDSS	 ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	 EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	 A1 11
			<small>PROFESSION: AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. NO.: 091187 VALIDITY: 11/2017/24</small>	<small>PROFESSION: AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. NO.: 090763 VALIDITY:</small>			

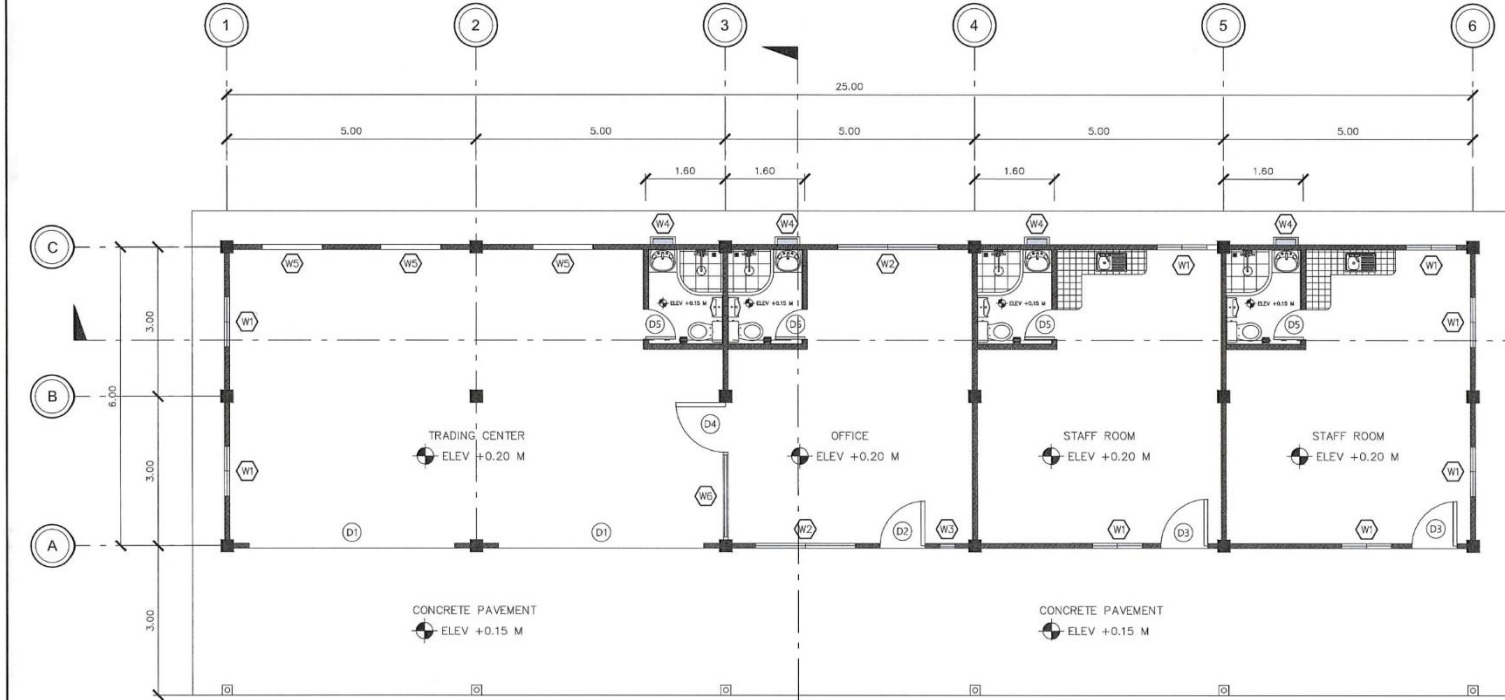
				REPUBLIC OF THE PHILIPPINES OFFICE OF THE BUILDING OFFICIAL			
 <p style="text-align: center;">  PERSPECTIVE VIEW <small>SCALE SIZE NTS AS</small> </p>				TABLE OF CONTENTS		DISTRICT/CITY/MUNICIPALITY	
						CIVIL ENGINEER	
				<p style="text-align: center;">ARCHITECTURAL</p> <p>A-1 PERSPECTIVE VIEW, TABLE OF CONTENTS</p> <p>A-2 FLOOR PLAN</p> <p>A-3 FRONT ELEVATION, REAR ELEVATION</p> <p>A-4 LEFT SIDE ELEVATION, RIGHT SIDE ELEVATION</p> <p>A-5 SECTION THRU "X", SECTION THRU "Y", BATHROOM DETAILS</p> <p>A-6 SCHEDULE OF DOORS & WINDOWS</p> <p style="text-align: center;">STRUCTURAL</p> <p>S-1 FOUNDATION PLAN, WALL FOOTING PLAN</p> <p>S-2 ROOF BEAM PLAN</p> <p>S-3 FOOT TIE BEAM PLAN</p> <p>S-4 ROOF BEAM DETAILS, FOOT TIE BEAM DETAILS, WALL FOOTING DETAILS, COLUMN FOOTING DETAILS, DOOR & WINDOW OPENING DETAILS</p> <p>S-5 ROOF PLAN, CEILING PLAN, PERSPECTIVE CEILING, SECTION DETAILS (CEILING)</p> <p>S-6 PERSPECTIVE (ROOF FRAME), ROOF FRAMING, TRUSS/RAFTER DETAILS, SPOT DETAILS OF TRUSS AND COLUMN CONNECTION</p> <p>S-7 DOWNSPOUT & DRAINAGE DETAILS</p> <p>S-8 CONNECTION OF END FLASHING AND C-PURLIN DETAIL, CONNECTION OF GUTTER AND C-PURLIN DETAIL, CONNECTION OF G.I. SHEET ROOFING TO PURLINS.</p> <p style="text-align: center;">ELECTRICAL</p> <p>E-1 LIGHTING OUTLET LAYOUT, CONVENIENCE OUTLET LAYOUT.</p> <p>E-2 EMERGENCY LIGHT LAYOUT, AIRCON OUTLET & INDUSTRIAL FAN LAYOUT</p> <p>E-3 LOAD SCHEDULE COMPUTATION LINE DIAGRAM</p> <p style="text-align: center;">PLUMBING</p> <p>P-1 WATER LINE LAYOUT SEWER LINE LAYOUT</p> <p>P-2 RAINWATER DRAINAGE LAYOUT</p> <p>P-3 DETAIL OF SEPTIC TANK</p>			
OWNER:	PROJECT NAME/LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBANGA DEL SUR</p>	AS SHOWN	<p>ENGR. RAYMUND ANN P. PERIA ENGINEER I</p> <p><small>PROFESSION: AGRICULTURAL AND BIODEVELOPMENT ENGINEER PR. REG. NO. 011507 - 2018 VALID UNTIL: NOVEMBER 27, 2024</small></p>	<p>ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS</p> <p><small>PROFESSION: AGRICULTURAL AND BIODEVELOPMENT ENGINEER PR. REG. NO. 0097874 VALID UNTIL:</small></p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn B. Cagasan</i> EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	

GENERAL NOTES

1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
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LEGENDS:

	DOOR SCHEDULE
	WINDOW SCHEDULE
	FLOOR ELEVATION
	0.15 M THICK CONCRETE WALL
C1F1	250X250 MM CONCRETE COLUMN W/ 1.20X1.20X1.50MM THICK FOUNDATION
C2F2	150X150X300MM CONCRETE COLUMN W/ 500X200X30MM THICK FOUNDATION
WF-1	WALL FOOTING WITH 4" THICK CHB
FTB-1	250X200MM FOOT TIE BEAM
RB-1	250X200MM ROOF BEAM



FLOOR PLAN
SCALE 1:100 MTS
A3

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA JIM ANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PROVIDED NO.: 221112 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALWIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PROVIDED NO.: 202724 VALID UNTIL:	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-2 02/20
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DISTRICT/CITY/MUNICIPALITY

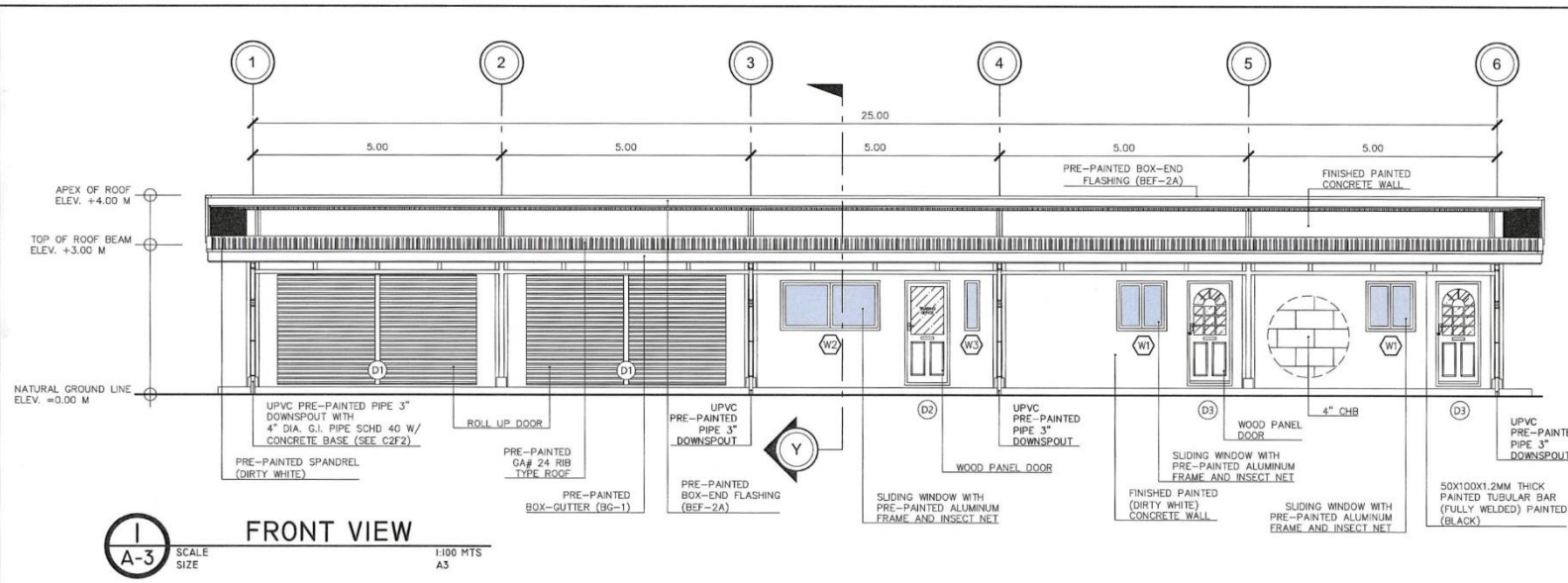
CIVIL ENGINEER

GENERAL NOTES

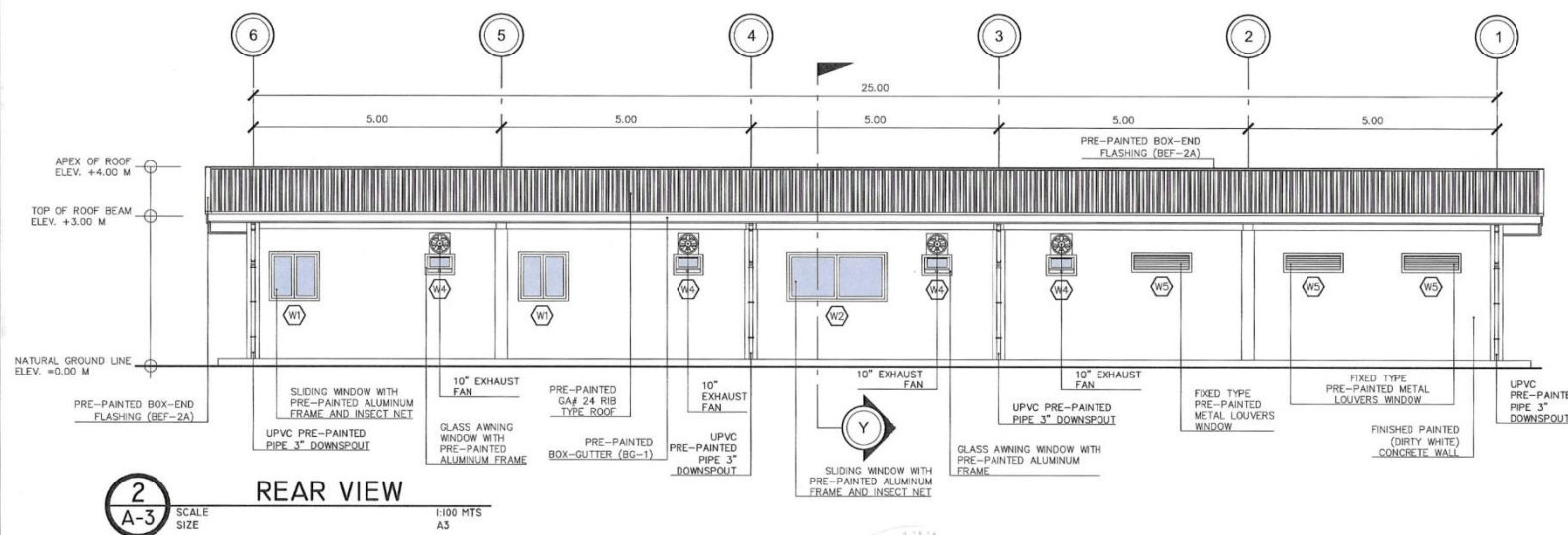
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PAINTING WORKS:


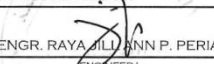


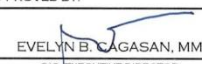
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1
A-3
SCALE
SIZE
1:100 MTS
A3



2
A-3
SCALE
SIZE
1:100 MTS
A3

<p>OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DARCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY:  ENGR. RAYA JILL ANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PRO REG. NO.: 0011101 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>REVIEWED BY:  ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PRO REG. NO.: 0017674 VALID UNTIL:</p>	<p>RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:  EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: A-3 03 / 20</p>
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DISTRICT/CITY/MUNICIPALITY

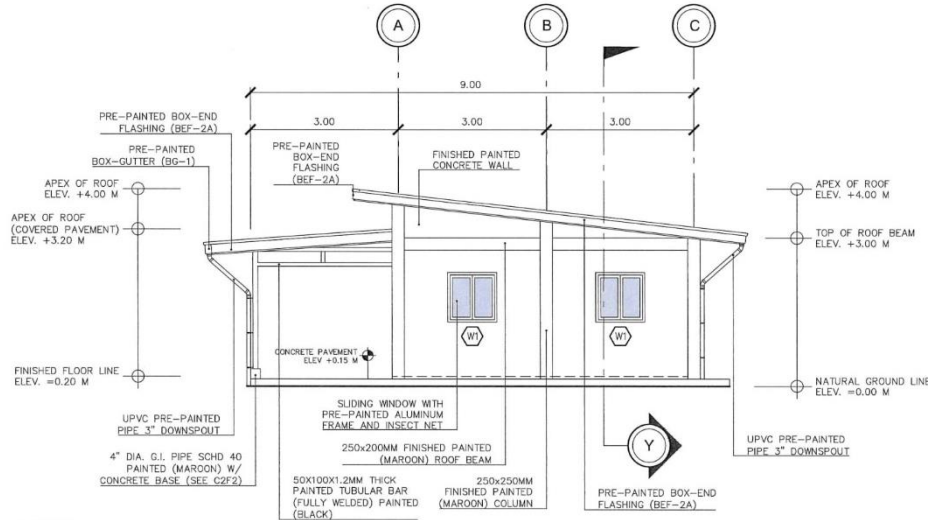
CIVIL ENGINEER

GENERAL NOTES

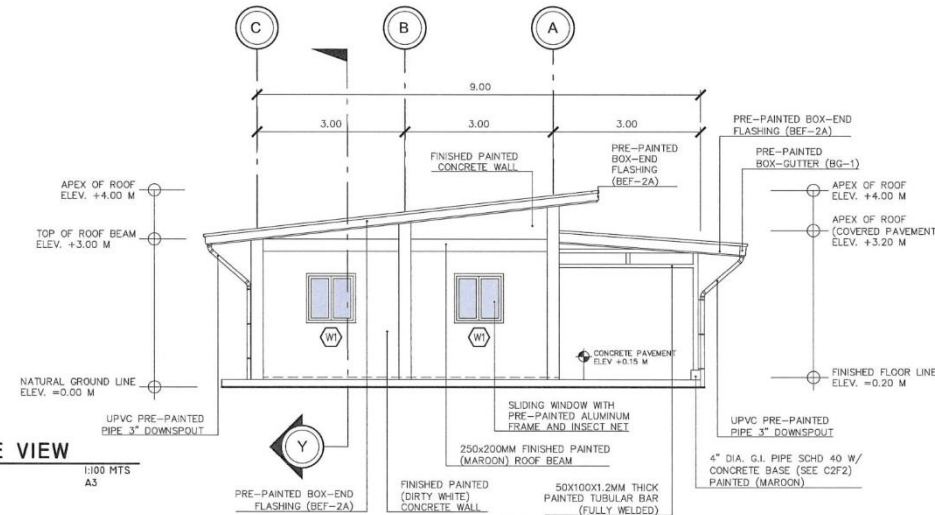
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1
A-4
SCALE SIZE 1:100 MTS AS



2
A-4
SCALE SIZE 1:100 MTS AS

<p>OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY:  ENGR. RAYA J. ANN P. PERIA PROJECT DEVELOPMENT OFFICER I <small>PROF. REG. NO. _____ AD. REG. NO. _____ VALID UNTIL: _____</small></p>	<p>REVIEWED BY:  ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS <small>PROF. REG. NO. _____ AD. REG. NO. _____ VALID UNTIL: _____</small></p>	<p>RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:  EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: A-4 04 20</p>
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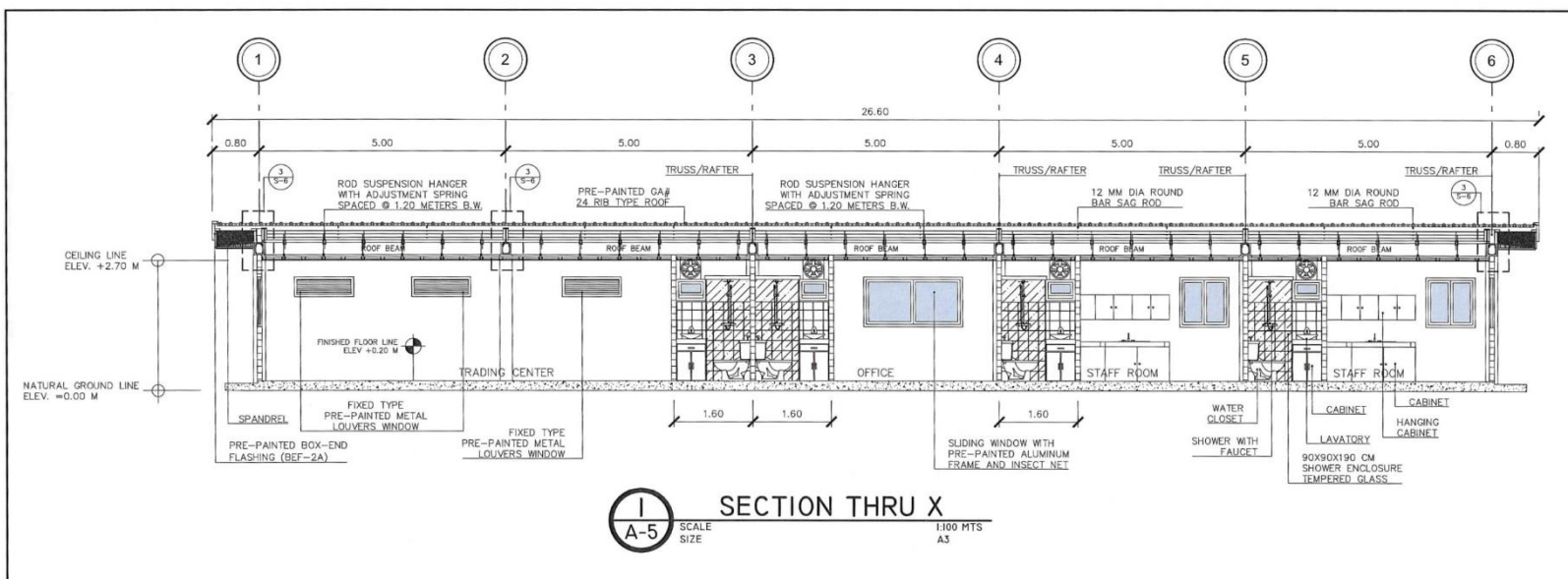
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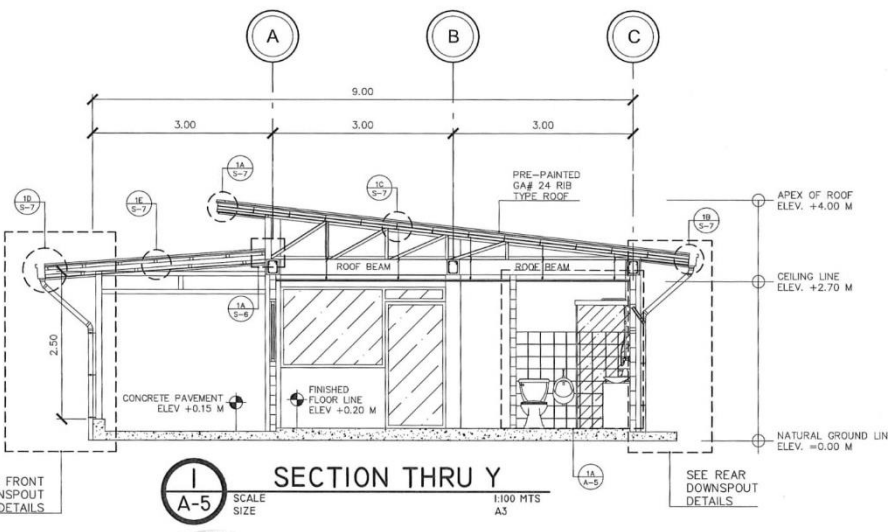
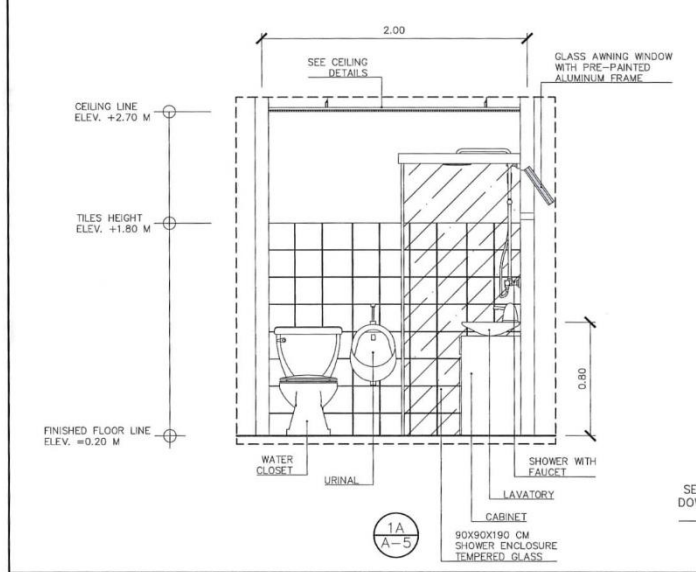
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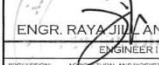



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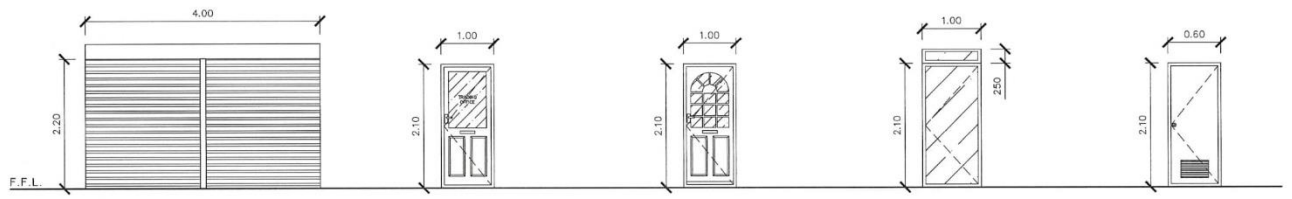


SECTION THRU X
SCALE SIZE 1:100 MTS AS



SECTION THRU Y
SCALE SIZE 1:100 MTS AS

OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY:  ENGR. RAYAJUL ANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PRC REG. NO.: 2011101 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY:  ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PRC REG. NO.: 0007674 VALID UNTIL:	RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY:  EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-5 05/20
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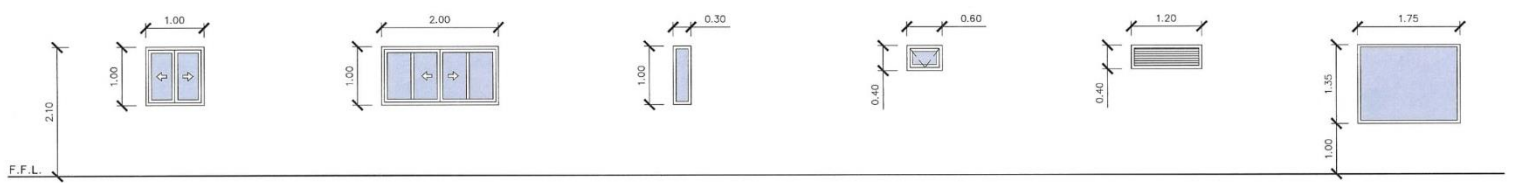
D 1 ROLL-UP DOOR 2 SETS
HEAVY-DUTY MANUAL ROLL-UP DOOR COMPLETE WITH HARDWARE AND ACCESSORIES.

D 2 WOOD PANEL DOOR 1 SETS
WOOD PANEL SWING DOOR ON 50X100 MM THICK CONCRETE JAMB WITH FIXED CLEAR TRANSOM COMPLETE WITH HARDWARE AND ACCESSORIES CYLINDER TYPE LOCKSET.

D 3 WOOD PANEL DOOR 2 SETS
WOOD PANEL SWING DOOR ON 50X100 MM THICK CONCRETE JAMB WITH FIXED CLEAR TRANSOM COMPLETE WITH HARDWARE AND ACCESSORIES CYLINDER TYPE LOCKSET.

D 4 GLASS DOOR 1 SETS
1/2" THICK FIXED GLASS SWING DOOR WITH 50X100 MM ALUMINUM JAMB WITH FIXED CLEAR TRANSOM COMPLETE WITH HARDWARE AND ACCESSORIES WITH HIGH QUALITY LOCK SET.

D 5 PVC DOOR 4 SETS
HALLOW PVC FLUSH TYPE SWING DOOR WITH JAMB AND LOUVER WITH HARDWARE AND ACCESSORIES WITH HIGH QUALITY DOOR KNOB.



W 1 SLIDING WINDOW 8 SETS
6MM THICK CLEAR GLASS SLIDING WINDOW WITH PRE-PAINTED ALUMINUM FRAME AND INSECT NET.

W 2 SLIDING WINDOW 2 SETS
6MM THICK CLEAR GLASS SLIDING WINDOW WITH PRE-PAINTED ALUMINUM FRAME AND INSECT NET.

W 3 FIXED WINDOW 1 SET
6MM THICK CLEAR FIXED GLASS WITH PRE-PAINTED ALUMINUM FRAME.

W 4 AWNING WINDOW 4 SETS
6MM THICK CLEAR GLASS AWNING WINDOW WITH PRE-PAINTED ALUMINUM FRAME.

W 5 METAL LOUVERS 3 SETS
FIXED TYPE PRE-PAINTED METAL FRAME AND BLADES.

W 6 FIXED WINDOW 1 SETS
6MM THICK CLEAR FIXED GLASS WITH PRE-PAINTED ALUMINUM FRAME.

I A-6 SCHEDULE OF DOORS & WINDOWS
SCALE SIZE NTS A5

- GENERAL NOTES**
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<p>OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY: ENGR. RAYA JELWIN P. PERIA ENGINEER I PROF. REG. NO. 0011101 VALID UNTIL: NOVEMBER 07, 2014</p>	<p>REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS PROF. REG. NO. 0007674 VALID UNTIL:</p>	<p>RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY: EVELYN CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: A-6 06 20</p>
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DISTRICT/CITY/MUNICIPALITY

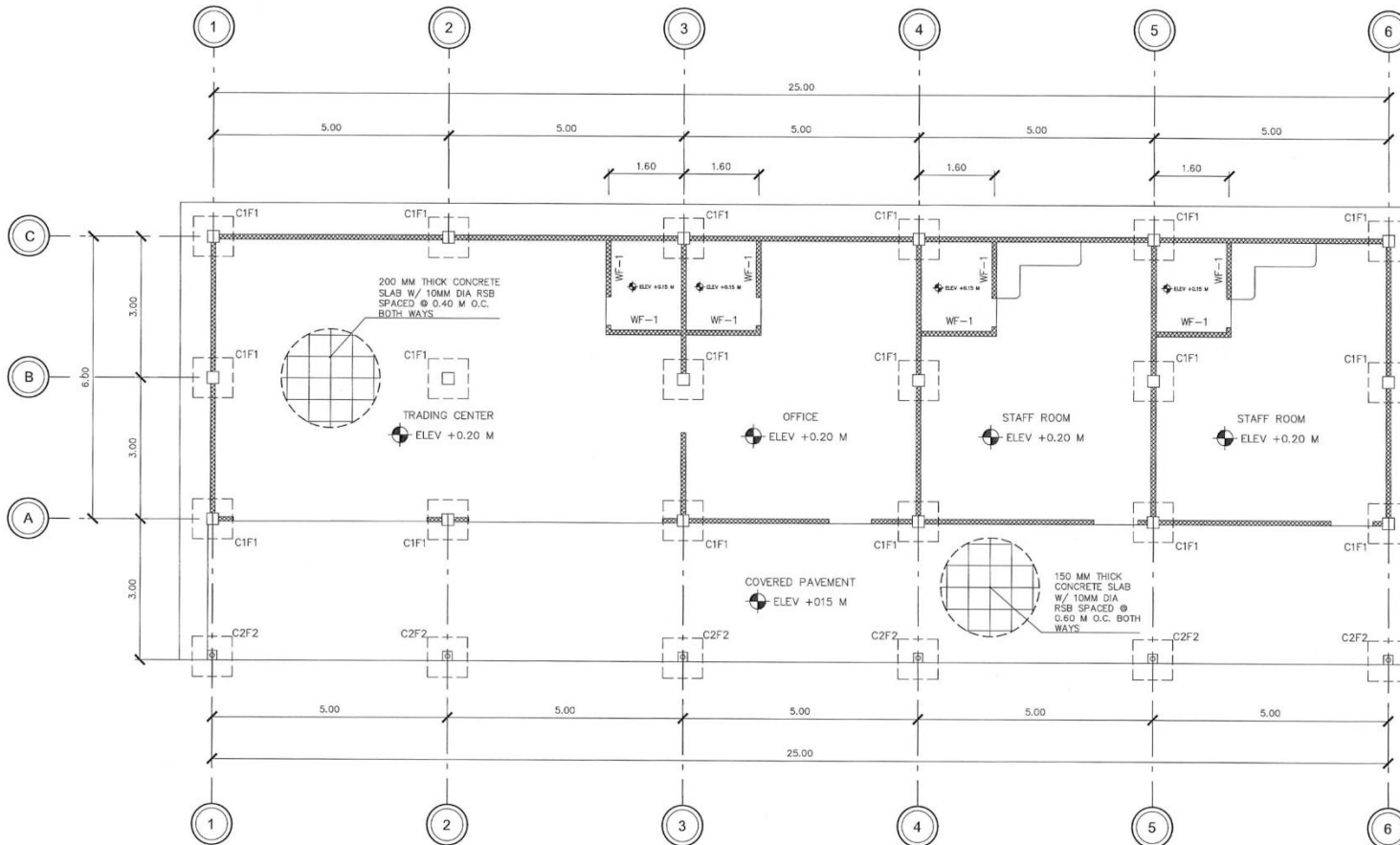
CIVIL ENGINEER

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LEGENDS:

	DOOR SCHEDULE
	WINDOW SCHEDULE
	FLOOR ELEVATION
	0.15 M THICK CONCRETE WALL
C1F1	250X250 MM CONCRETE COLUMN W/ 1.20X1.20X1.50M THICK FOUNDATION
C2F2	150X150X300MM CONCRETE COLUMN W/ 500X500X150MM THICK FOUNDATION
WF-1	WALL FOOTING WITH 4" THICK C-8
FTB-1	250X200MM FOOT THE BEAM
RB-1	250X200MM ROOF BEAM



I FOUNDATION PLAN
SCALE: S-1
1:100 MTS
AS

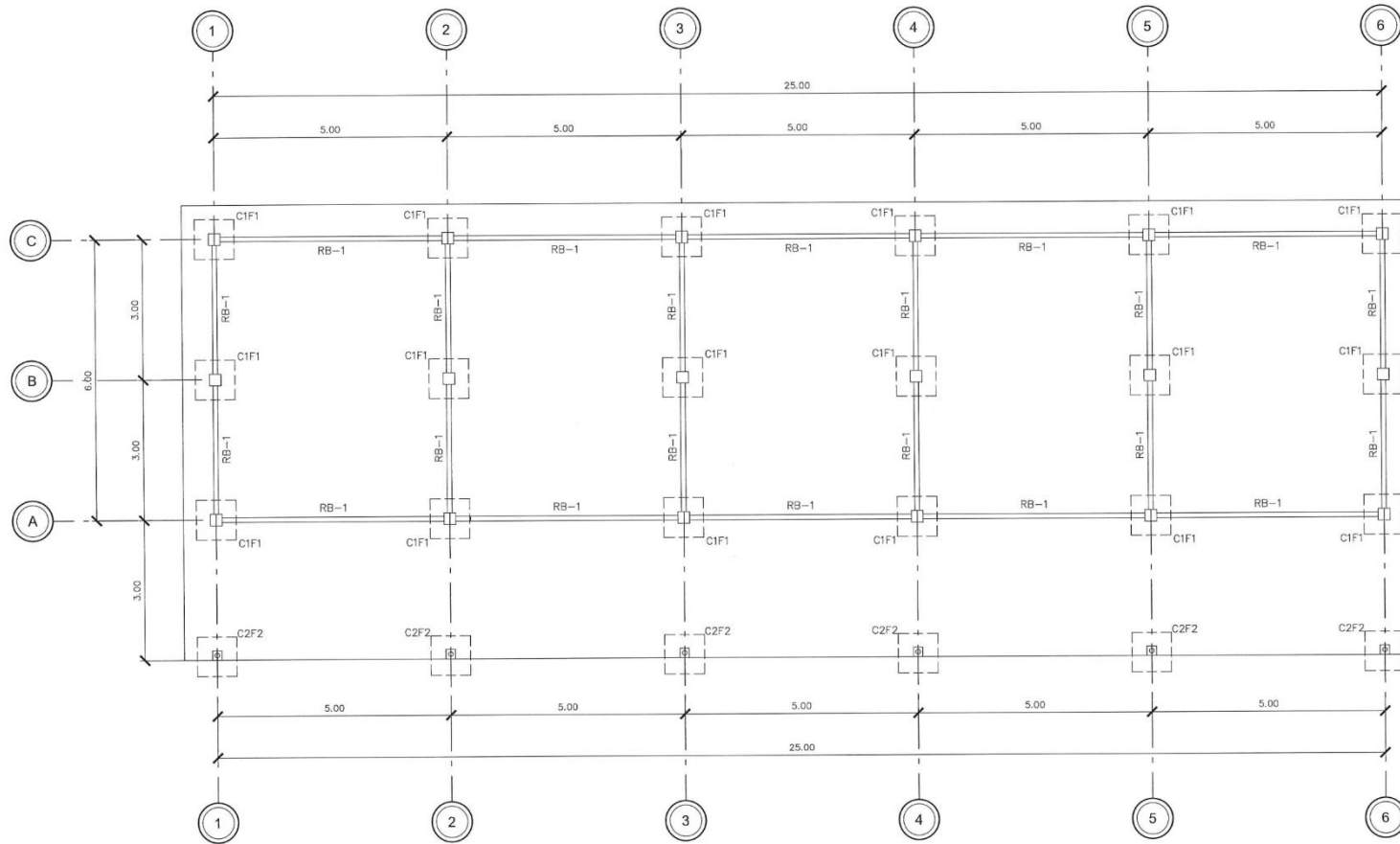
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HEBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEPINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA JULIANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER P.R. REG. NO.: 0511101 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPOISS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER P.R. REG. NO.: 0407824 VALID UNTIL:	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: S-1 07/20
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DISTRICT/CITY/MUNICIPALITY

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1
S-2 SCALE SIZE 1:100 MTS A3

LEGENDS:

- DOOR SCHEDULE
- WINDOW SCHEDULE
- FLOOR ELEVATION
- 0.15 M THICK CONCRETE WALL
- C1F1** 250X250 MM CONCRETE COLUMN W/ 1.20X1.20Mx150MM THICK FOUNDATION
- C2F2** 150X150X300MM CONCRETE COLUMN W/ 500X500X150MM THICK FOUNDATION
- WF-1** WALL FOOTING WITH 4" THICK C-B
- FTB-1** 250X200MM FOOT TIE BEAM
- RB-1** 250X200MM ROOF BEAM

<p>OWNER:</p> <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCA, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION:</p> <p>ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT:</p> <p>AS SHOWN</p>	<p>DRAWN/PREPARED BY:</p> <p> ENGR. RAYA JILL ANN P. PERIA ENGINEER I</p> <p><small>PROFESSIONAL REGISTERED ARCHITECTURAL AND BIOSYSTEMS ENGINEER PRC REG. NO. 0011102 VALID UNTIL: NOVEMBER 27, 2024</small></p>	<p>REVIEWED BY:</p> <p> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDS</p> <p><small>PROFESSIONAL REGISTERED ARCHITECTURAL AND BIOSYSTEMS ENGINEER PRC REG. NO. 0010734 VALID UNTIL: NOVEMBER 27, 2024</small></p>	<p>RECOMMENDING APPROVAL:</p> <p> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:</p> <p> EVELYN CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO:</p> <p>S-2 08 20</p>
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DISTRICT / CITY / MUNICIPALITY

CIVIL ENGINEER

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LEGENDS:

DOOR SCHEDULE

WINDOW SCHEDULE

FLOOR ELEVATION

0.15 M THICK CONCRETE WALL

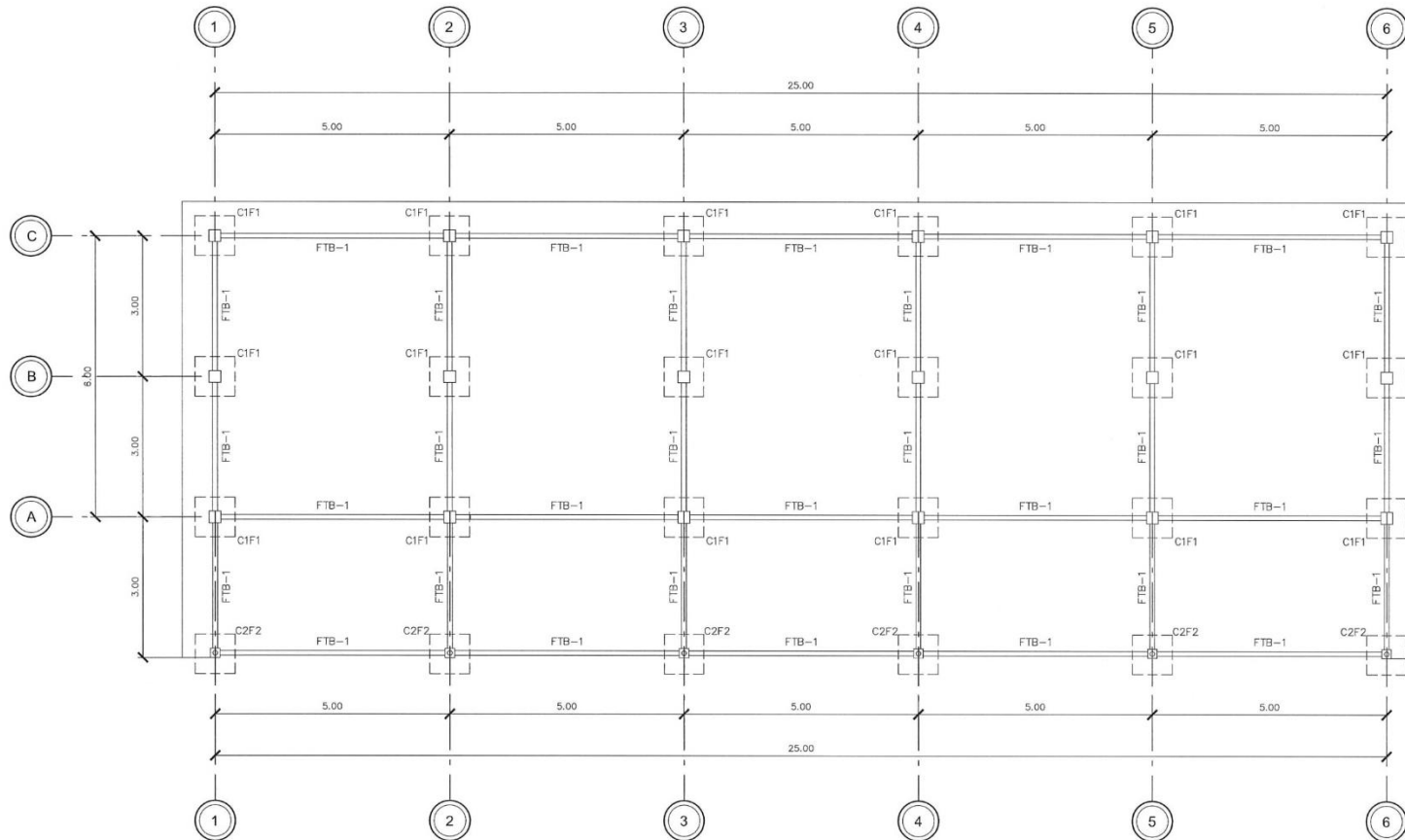
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FTB-1 250X200MM FOOT TIE BEAM

RB-1 250X200MM ROOF BEAM

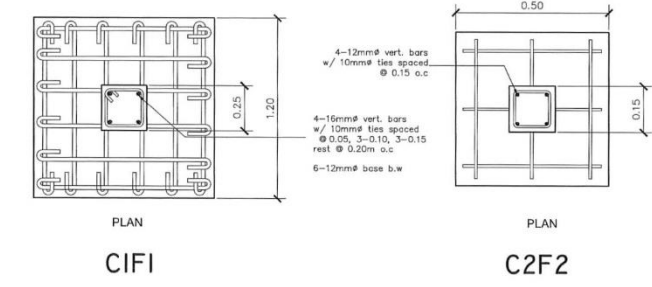
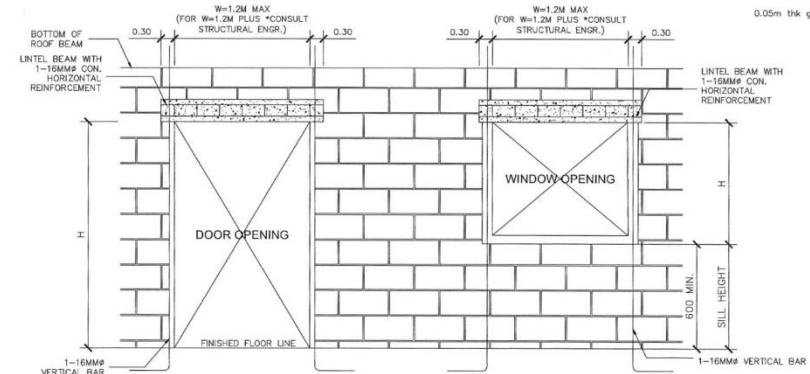
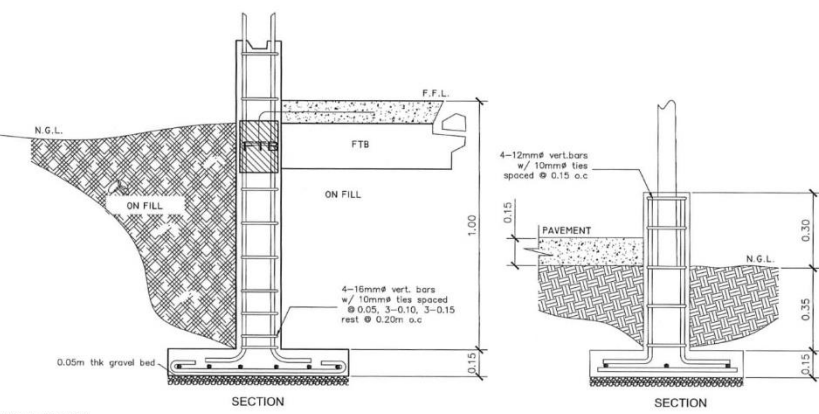
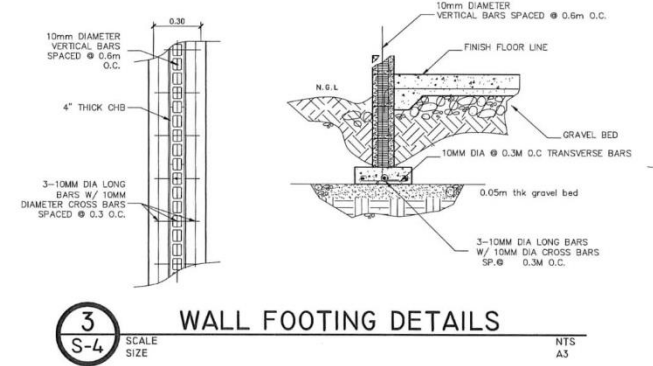
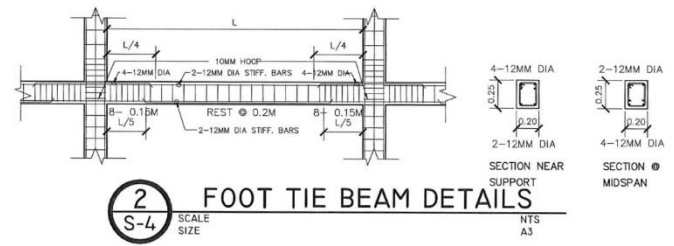
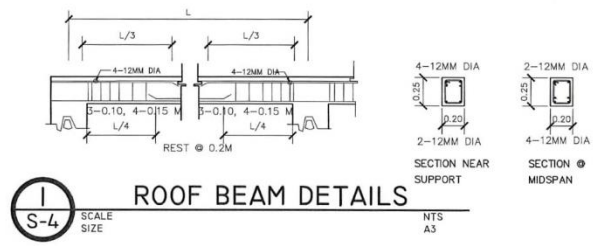


1 FOOT TIE BEAM PLAN
S-3 SCALE SIZE 1:100 HTS A3

<p>OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F, DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY: ENGR. RAYA J. ANN P. PERIA ENGINEER</p>	<p>REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS</p>	<p>RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: </p>
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DISTRICT/CITY/MUNICIPALITY

CIVIL ENGINEER



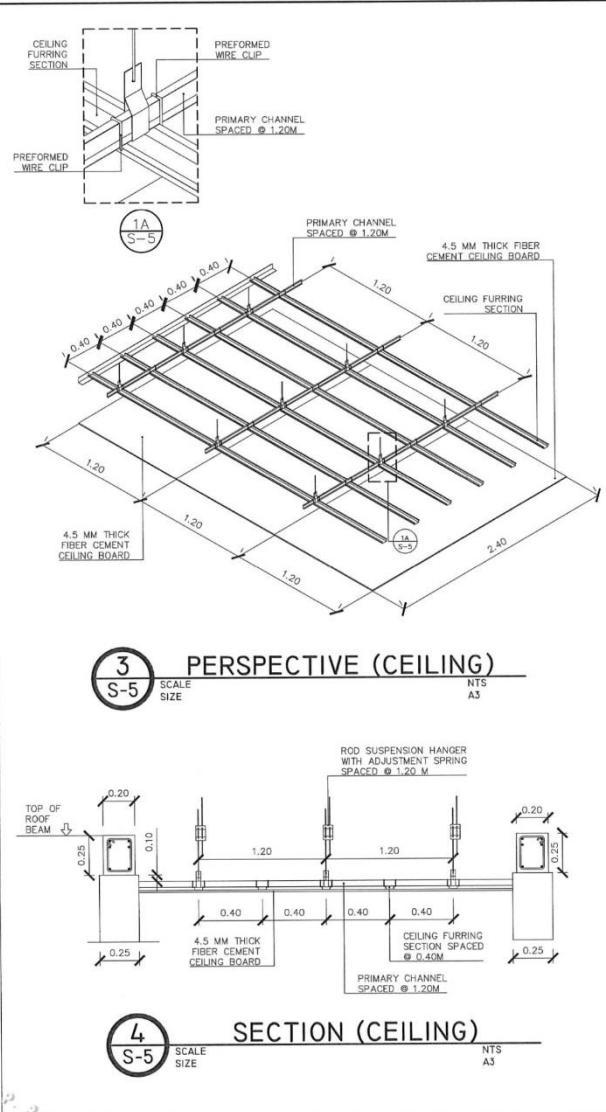
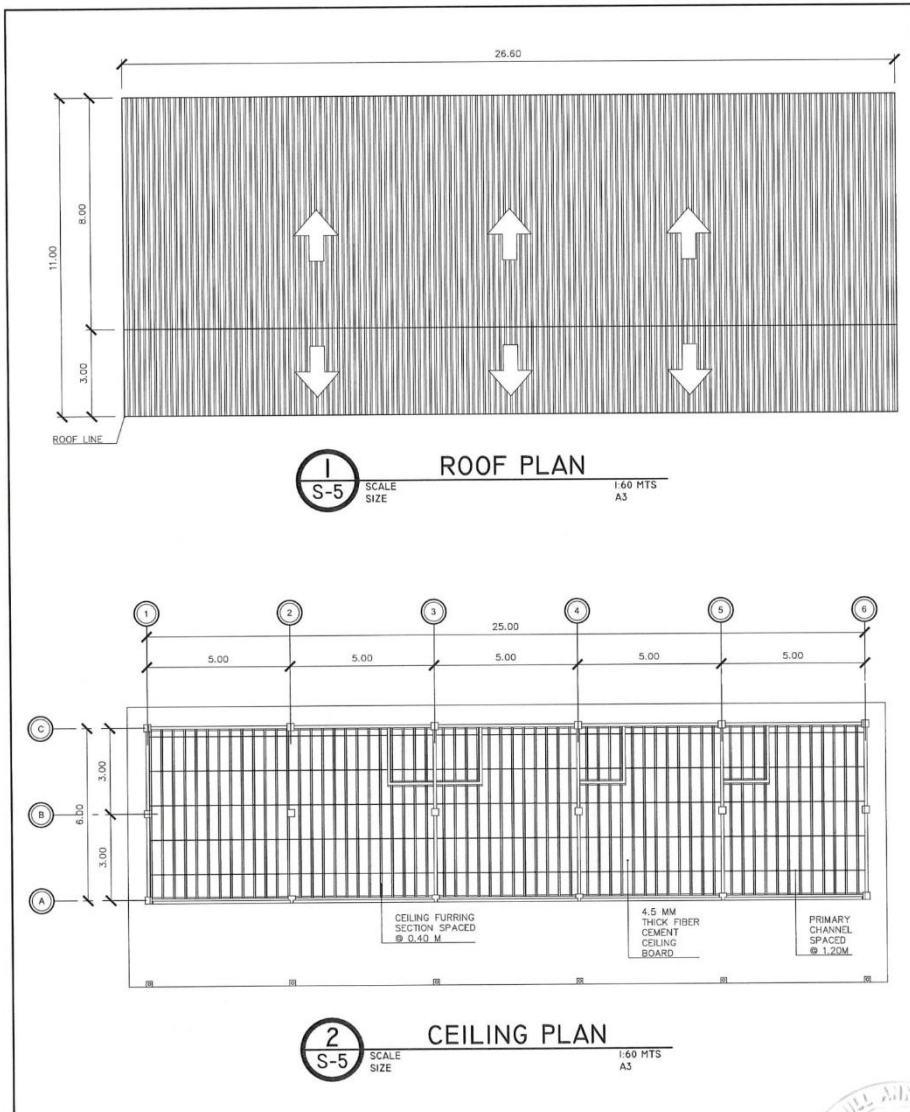
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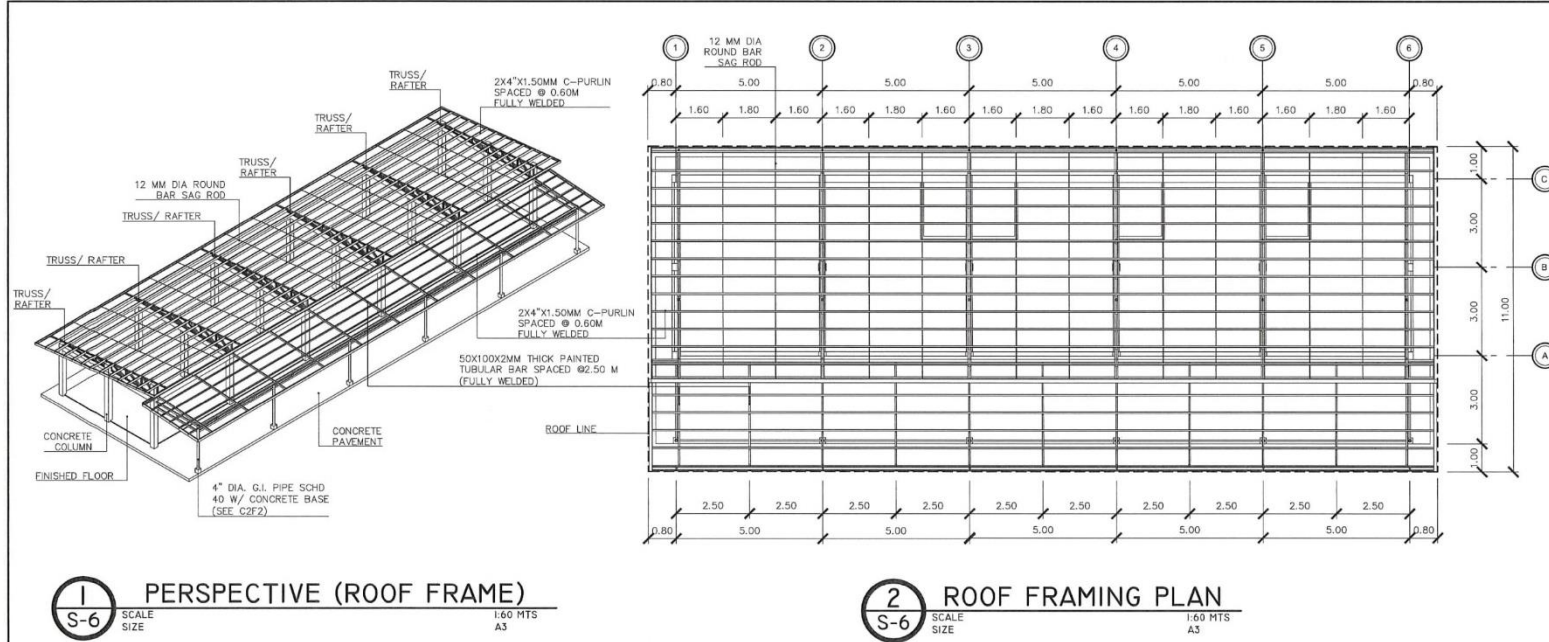
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CIVIL ENGINEER

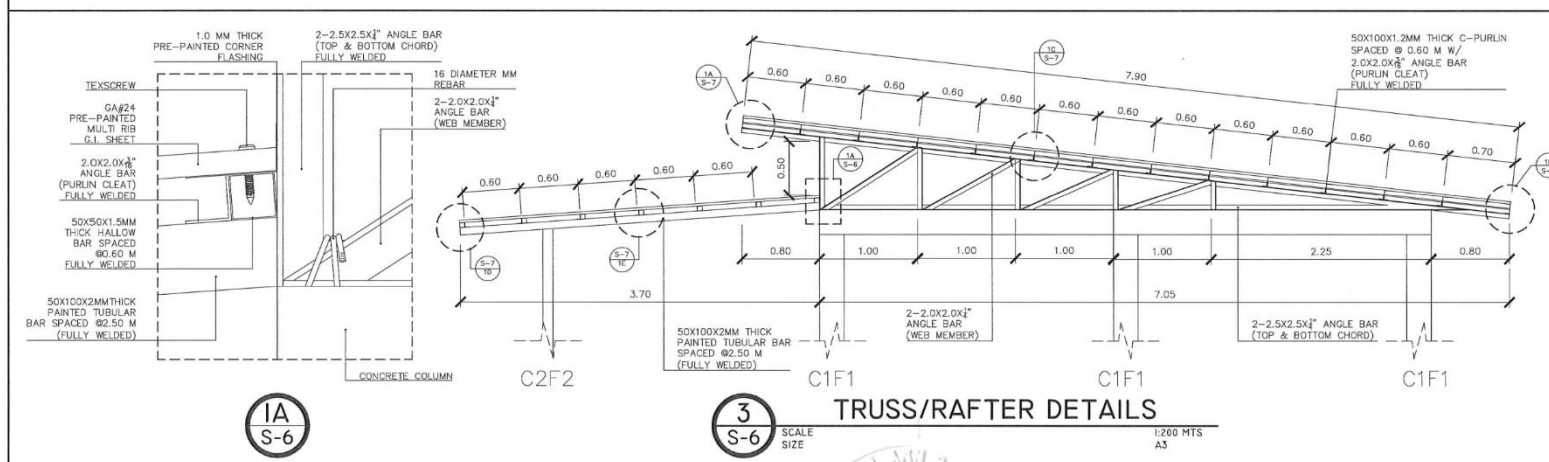
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1 PERSPECTIVE (ROOF FRAME)
SCALE SIZE 1:600 MTS A3





2 ROOF FRAMING PLAN
SCALE SIZE 1:600 MTS A3

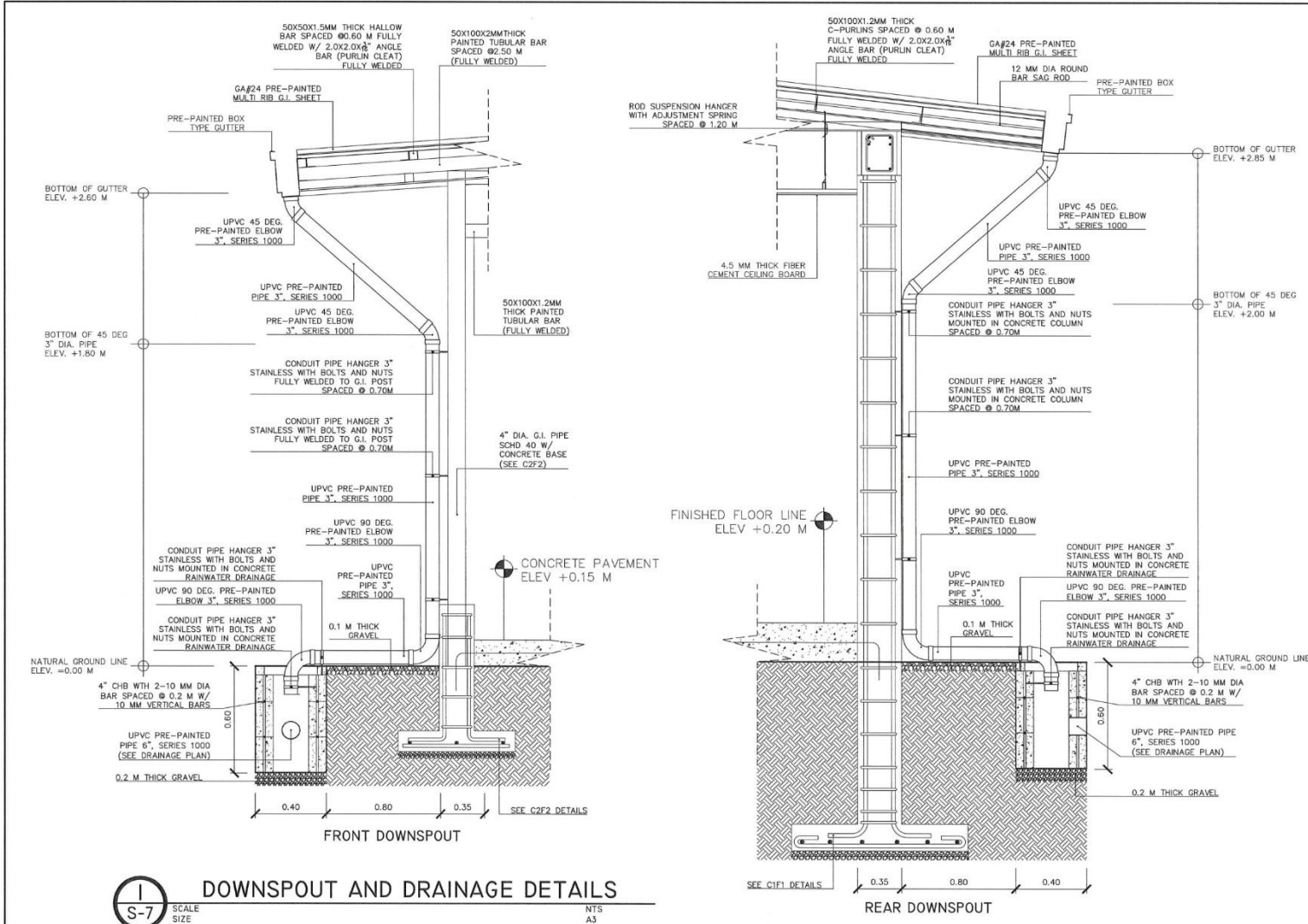


3 TRUSS/RAFTER DETAILS
SCALE SIZE 1:200 MTS A3

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I
S-7 SCALE SIZE NTS A5
DOWNSPOUT AND DRAINAGE DETAILS

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<p>OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY:  ENGR. RAYA ANN P. PERIA ENGINEER <small>PROFESSIONAL REGISTERED ELECTRICAL AND INSTRUMENTS ENGINEER PRC REG. NO.: 0041103 VALID UNTIL: NOVEMBER 27, 2024</small></p>	<p>REVIEWED BY:  ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS <small>PROFESSIONAL REGISTERED ELECTRICAL AND INSTRUMENTS ENGINEER PRC REG. NO.: 0007474 VALID UNTIL:</small></p>	<p>RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:  EVELYN CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO:  S-7 13 20</p>
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DISTRICT/CITY/MUNICIPALITY

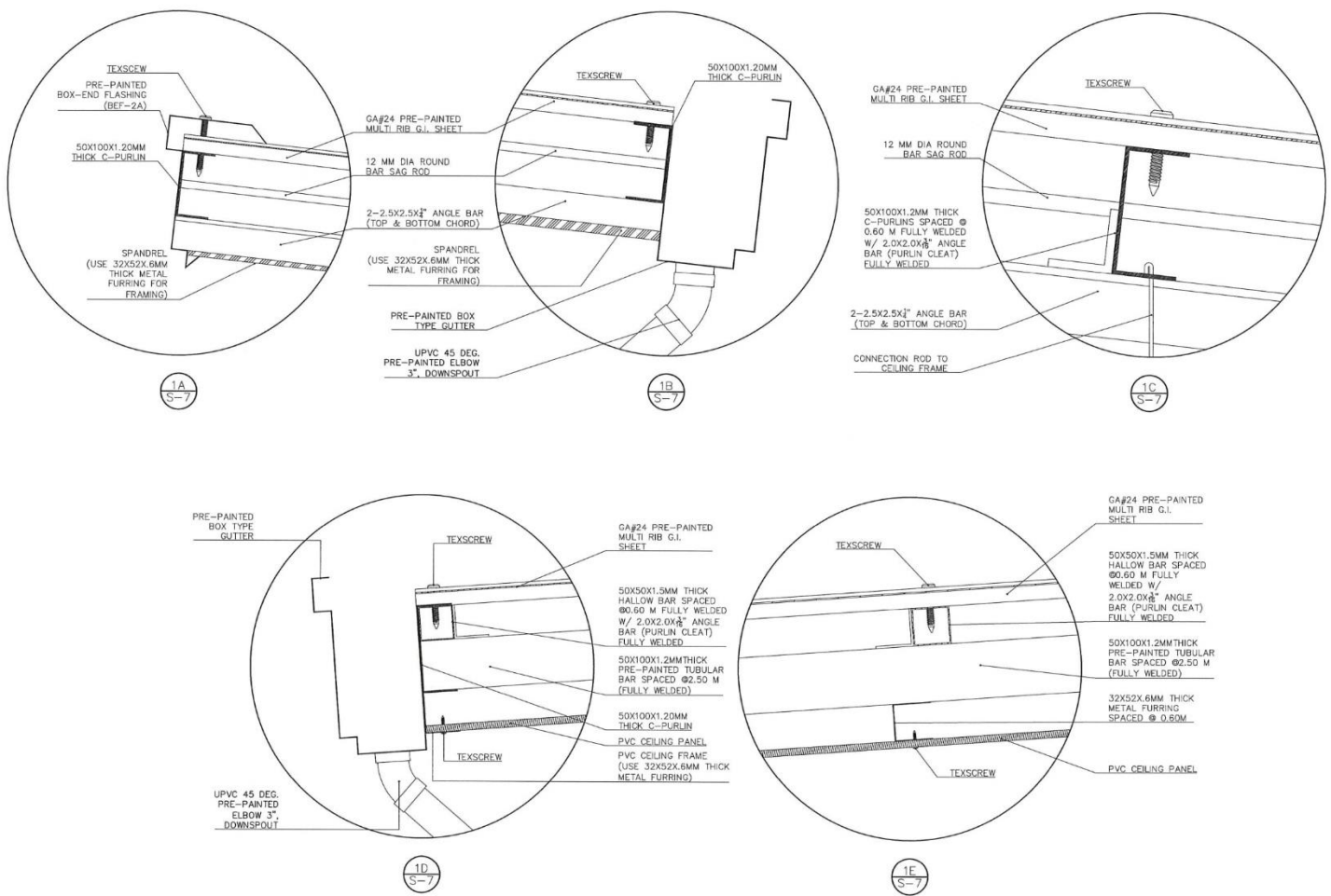
CIVIL ENGINEER


GENERAL NOTES

1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
3. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK, OR DURING CONSTRUCTION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS MAYBE IMPOSED DURING THE CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY ALL DIMENSION BEFORE ALL WORK IS TO BEGIN WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS PIPE SLEEVES, ETC., TO EMBEDDED IN CONCRETE.
6. INSPECTION: ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECTED TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.

PAINTING WORKS:

1. PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. ALL EXPOSED IRON STEEL WORK TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METAL SHALL RECEIVE A PRIME COAT(S), SHOP APPLIED IS POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED. ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT.
3. THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED, CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS, WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.



OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p>ENGR. RAYAN J. ANN P. PERIA ENGINEER I</p>	<p>ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS</p>	<p>ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>S-8 14 20</p>

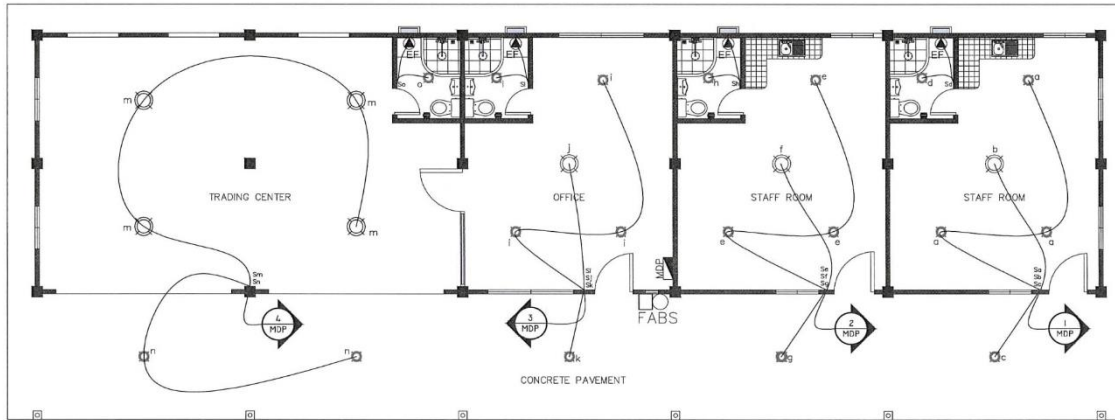
ELECTRICAL SPECIFICATIONS:

- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
- THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230 VAC, 60HZ.
- WIRING METHOD SHALL BE AS FOLLOWS:
 - FEEDERS AND RISERS - RIGID STEEL CONDUIT
 - LIGHTING POWER RECEPTACLE BRANCH CKT. AUXILIARY POLYVINYL CHLORIDE CONDUIT
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THIN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 MM² TRADE/NOMINAL SIZE. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
- ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

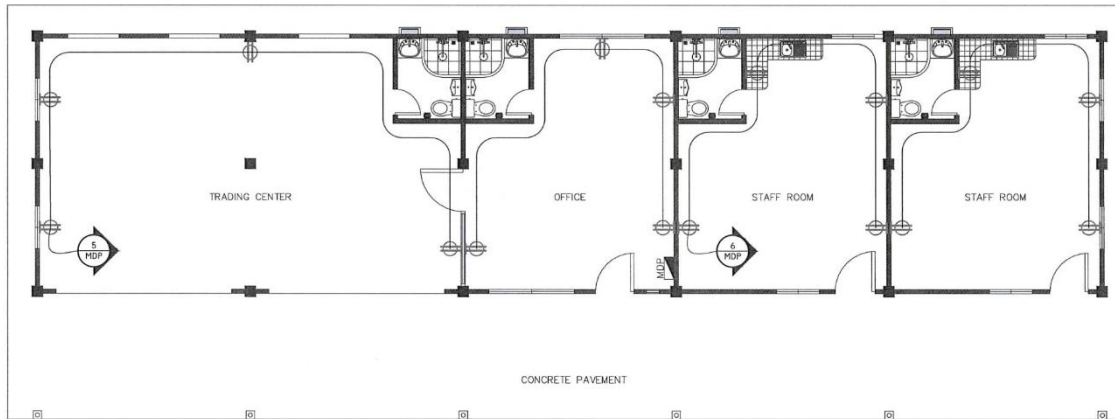
1. LIGHT SWITCH	- 1.20 M ABOVE FINISHED FLOOR
2. CONVENIENCE OUTLET	- 0.30 M ABOVE FINISHED FLOOR
3. PANEL BOARD	- 1.80 M ABOVE FINISHED FLOOR
4. FIRE ALARM DETECTOR OUTLET	- 1.80 M ABOVE FINISHED FLOOR
5. PUSH BUTTON OUTLET	- 1.30 M ABOVE FINISHED FLOOR
6. THE ALARM AND VIBRATING BELL	- 0.30 M BELOW CEILING LINE
7. ABOVE THE COUNTER RECEPTACLE OUTLETS	- 0.35 M ABOVE THE COUNTER
8. ACCORDIONABLE OUTLETS	- 1.80 M ABOVE FINISH FLOOR

LEGEND :

- | | |
|--|---------------------------|
| | 18W LED PIN LIGHT |
| | 9W LED PIN LIGHT |
| | DUPLIX CONVENIENCE OUTLET |
| | INDUSTRIAL FAN |
| | EX-HAUST FAN |
| | EMERGENCY LIGHT |
| | FIRE ALARM BELL & SWITCH |
| | FIRE EXIT SIGN |
| | PANELBOARD |
| | CIRCUIT BREAKER |
| | 3-GANG SWITCH |
| | 2-GANG SWITCH |
| | CIRCUIT HOMERUN |
| | CIRCUIT RUN |
| | FIRE EXTINGUISHER |

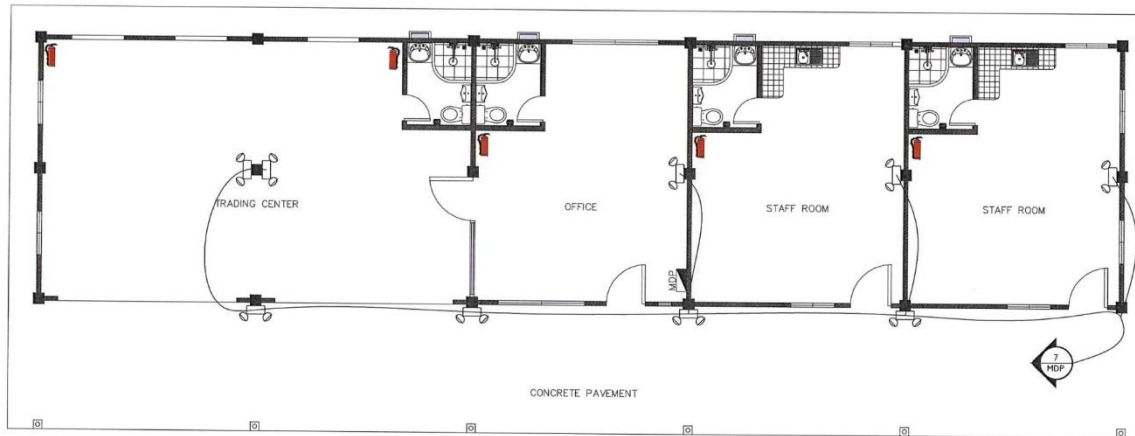


1 LIGHTING OUTLET & EXHAUST FAN LAYOUT
SCALE: E-1 SIZE: 1:90 MTS A3

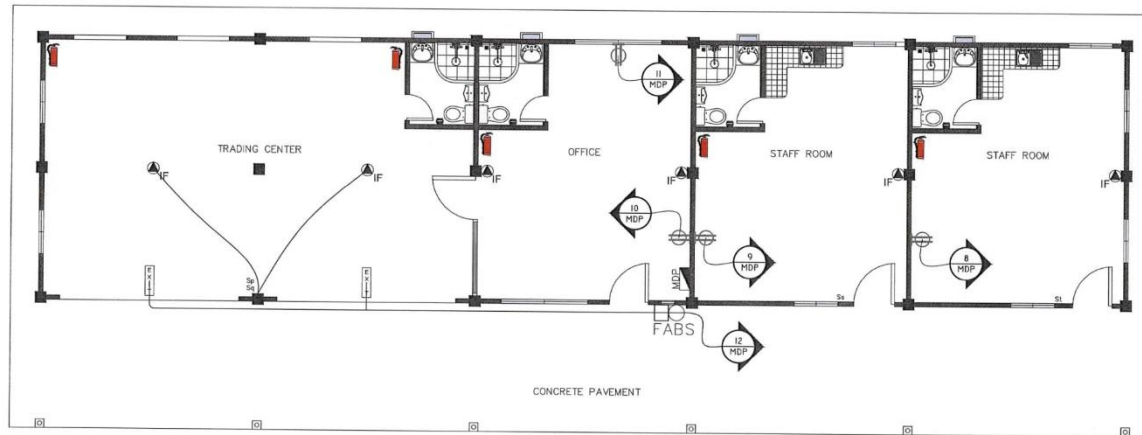


2 CONVENIENCE OUTLET LAYOUT
SCALE: E-1 SIZE: 1:90 MTS A3

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/4 DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA J. ANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND ROBOTIC ENGINEER PRO. REG. NO.: 0011101 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS PROFESSION: AGRICULTURAL AND ROBOTIC ENGINEER PRO. REG. NO.: 0022714 VALID UNTIL:	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. SAGASAN, MM EXECUTIVE DIRECTOR	SHEET NO.: E-1 15 20
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1
E-2 SCALE SIZE 1:90 MTS A3
EMERGENCY LIGHT LAYOUT



2
E-2 SCALE SIZE 1:90 MTS A3
AIRCON OUTLET & INDUSTRIAL FAN LAYOUT

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DISTRICT/CITY/MUNICIPALITY

CIVIL ENGINEER

ELECTRICAL SPECIFICATIONS:

- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
- THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230V AC, 60HZ.
- WIRING METHOD SHALL BE AS FOLLOWS:
 - FEEDERS AND RISERS - RIGID STEEL CONDUIT
 - LIGHTING, POWER RECEPTACLE BRANCH CRT., AUXILIARY-POLYVINYLCHLORIDE CONDUIT
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 MM² TRADE/NOMINAL SIZE. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
- ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 15 DEEP TYPE WITH FACTORY KNOCKOUTS
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

A. LIGHT SWITCH	- 1.20 M ABOVE FINISHED FLOOR
C. CONVENIENCE OUTLET	- 0.30 M ABOVE FINISHED FLOOR
D. PANEL BOARD	- 1.20 M ABOVE FINISHED FLOOR
E. FIRE ALARM STATION OUTLET	- 1.50 ABOVE FINISHED FLOOR
F. FIRE ALARM OUTLET	- 1.20 M ABOVE FINISHED FLOOR
G. FIRE ALARM AND VIBRATING BELL	- 0.30 M BELOW CEILING LINE
H. ABOVE THE COUNTER RECEPTACLE OUTLETS	- 0.25 M ABOVE THE COUNTER
I. ACCEUSTONNMER OUTLETS	- 1.8M ABOVE FINISH FLOOR

LEGEND :

- 18W LED PIN LIGHT
- 9W LED PIN LIGHT
- DUPLEX CONVENIENCE OUTLET
- INDUSTRIAL FAN
- EXHAUST FAN
- EMERGENCY LIGHT
- FIRE ALARM BELL & SWITCH
- FIRE EXIT SIGN
- PANELBOARD
- CIRCUIT BREAKER
- 3-GANG SWITCH
- 2-GANG SWITCH
- CIRCUIT HOMERUN
- CIRCUIT RUN
- FIRE EXTINGUISHER

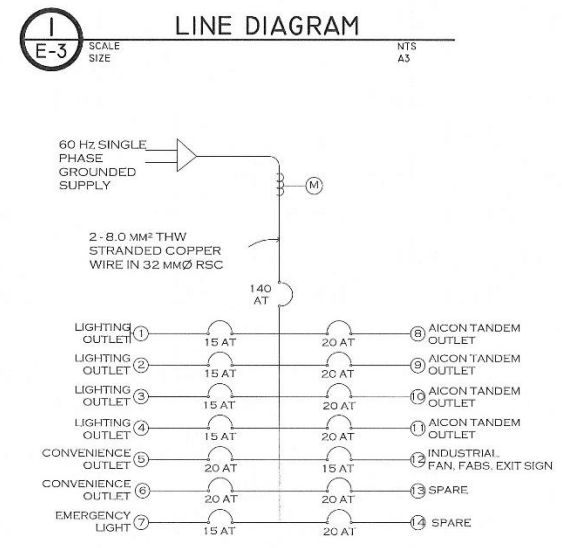
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN / PREPARED BY: ENGR. RAYA JILMANN P. PERIA ENGINEER I PROF. REG. NO. 0011101 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS PROF. REG. NO. 0007674 VALID UNTIL:	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. AGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO: E-2 16 20
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- ELECTRICAL SPECIFICATIONS:**
- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
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 - EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
 - MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

A. LIGHT SWITCH	1.50 M ABOVE FINISHED FLOOR
B. CONVENIENCE OUTLET	1.20 M ABOVE FINISHED FLOOR
C. PANEL BOARD	1.80 M ABOVE FINISHED FLOOR
D. FIRE ALARM STAT ON OUTLET	1.50 M ABOVE FINISHED FLOOR
E. FIRE ALARM BELL	1.50 M ABOVE FINISHED FLOOR
F. FIRE ALARM AND VIBRATING	0.30 M BELOW CEILING LINE SET
G. ABOVE THE COUNTER RECEPTACLE OUTLETS	0.38 M ABOVE THE COUNTER
H. ACCUSO (MINORS) OUTLETS	1.80 M ABOVE FINISH FLOOR

LOAD SCHEDULE

CIRCUIT NUMBER	DESCRIPTION OF LOAD	VA LOAD	CURRENT	CIRCUIT BREAKER		CONDUCTOR		CONDUIT		
				POLE	FRAME	TRIP	SIZE	TYPE	DIAMETER	TYPE
1	1 X 18W LIGHT	96	0.42	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	5 X 9W LIGHT			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	1 X 33W EXHAUST FAN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
2	1 X 18W LIGHT	96	0.42	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	5 X 9W LIGHT			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	1 X 33W EXHAUST FAN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
3	1 X 18W LIGHT	96	0.42	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	5 X 9W LIGHT			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	1 X 33W EXHAUST FAN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
4	4 X 18W LIGHT	132	0.57	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	3 X 9W LIGHT			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	1 X 33W EXHAUST FAN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
5	2 8 X 180W CONVENIENCE OUTLET	2,880	12.52	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
6	2 8 X 180W CONVENIENCE OUTLET	2,880	12.52	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
7	Ø X 2.3W LED EMERGENCY LIGHT	54	0.23	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
8	1 X 746 W (1 HP) AIRCON TANDEM OUTLET	746	3.24	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
9	1 X 746 W (1 HP) AIRCON TANDEM OUTLET	746	3.24	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
10	1 X 746 W (1 HP) AIRCON TANDEM OUTLET	746	3.24	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
11	1 X 746 W (1 HP) AIRCON TANDEM OUTLET	746	3.24	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
12	4 X 50 W INDUSTRIAL WALL FAN	526	2.29	2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	2 X 60 W INDUSTRIAL CEILING FAN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	2 X 3 W LED EXIT SIGN			2	50	15A	2 - 2.0 MM ² & 1 - 2.0 MM ² (G)	THIN	13 MM	UPVC
	1 X 200 W FIRE ALARM			2	50	15A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
13	2 8 X 180W CONVENIENCE OUTLET (SPARE)	2,880	12.52	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
14	2 8 X 180W CONVENIENCE OUTLET (SPARE)	2,880	12.52	2	50	20A	2 - 3.5 MM ² & 1 - 3.5 MM ² (G)	THIN	20 MM	UPVC
TOTAL PHASE CURRENT		15,504	67.41							



COMPUTATION

$I_T = 15,504 \text{ kVA} / (230 \text{ V}) = 67.41 \text{ A} \times 80\% \text{ DEMAND FACTOR} = 54 \text{ A}$
 USE 2 - 8.0 MM² & 1 - 5.5 MM² THW STRANDED COPPER WIRE IN 32 MM Ø RSC

- LEGEND :**
- ⊠ 18W LED PIN LIGHT
 - ⊡ 9W LED PIN LIGHT
 - ⊞ DUPLEX CONVENIENCE OUTLET
 - ⊞ INDUSTRIAL FAN
 - ⊞ EXHAUST FAN
 - ⊞ EMERGENCY LIGHT
 - ⊞ FABS FIRE ALARM BELL & SWITCH
 - ⊞ FIRE EXIT SIGN
 - ⊞ PANEL BOARD
 - ⊞ CIRCUIT BREAKER
 - Sabc 3-GANG SWITCH
 - Ssdc 2-GANG SWITCH
 - ⊞ CIRCUIT HOMERUN
 - ⊞ CIRCUIT RUN
 - ⊞ FIRE EXTINGUISHER

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME / LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER / OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN / PREPARED BY: ENGR. RAYA JULIANN P. PERIA ENGINEER I	REVIEWED BY: ENGR. ROMY ALAN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPOSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: E-3 17 / 20
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REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL

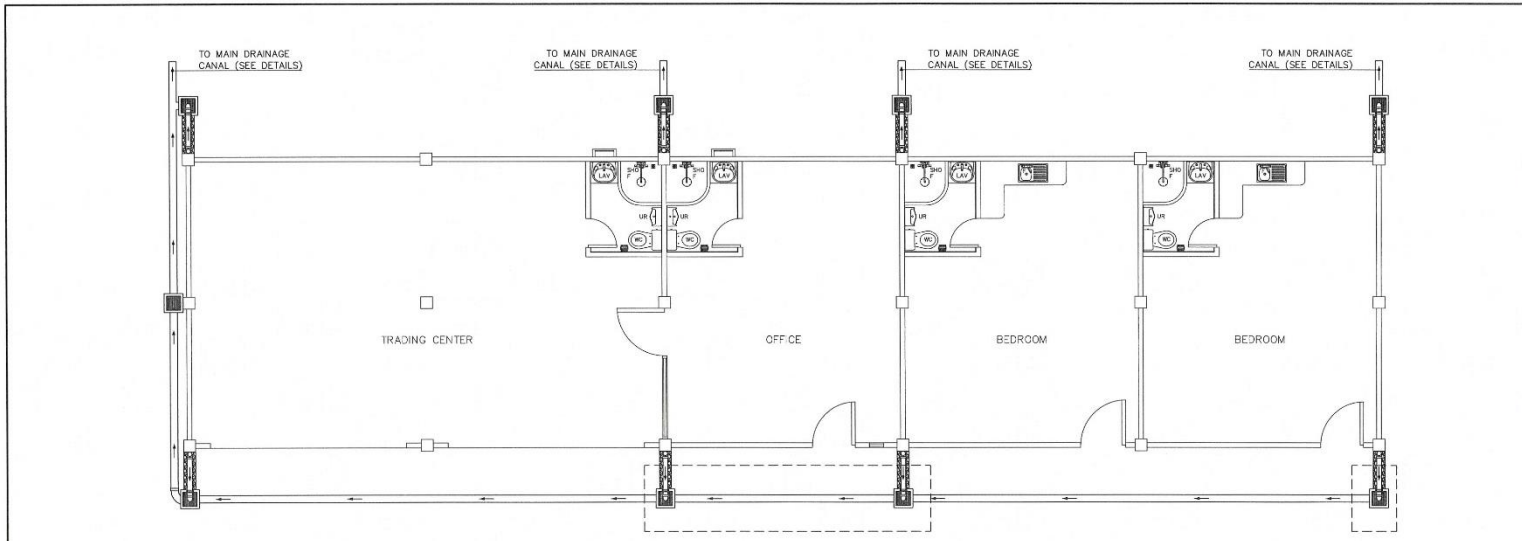
DISTRICT/CITY/MUNICIPALITY

CIVIL ENGINEER

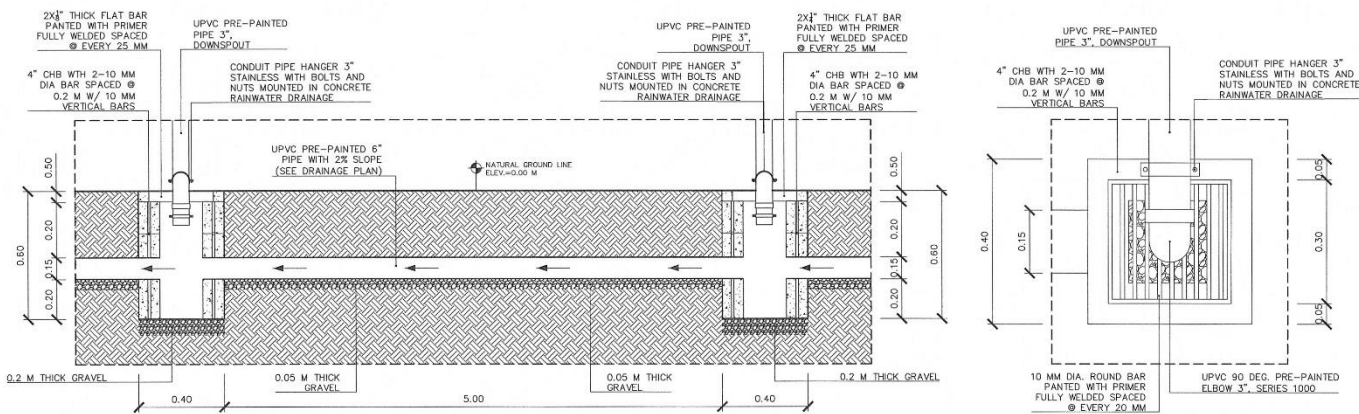
- PLUMBING SPECIFICATIONS:
1. ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
 2. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A LICENSED PLUMBING ENGINEER OR A MAJIN PLUMBER.
 3. COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION. THE ENGINEER SHALL BE NOTICED IMMEDIATELY IF ANY DISCREPANCY FOUND THEREIN.
 4. PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ENGINEER.
 5. FITTINGS, SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURES.
 6. ALL FITTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED.
 7. RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT LEAST 1% SLOPE. NO DOUBLE HUBS. DOUBLE TEE BRANCH SHALL BE USE ON HORIZONTAL SOIL/WASTE LINE. THE DRAINER OR TAPPING OF HOUSE DRAIN/WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED.
 8. PROVIDE PIPE SLEEVES AT WALLS COLUMN SLAB. ONE SLAB ONE HUB OR MORE THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE.
 9. CLEAN OUT ARE REQUIRED UNDER THE FOLLOWING CONDITION:
 - 10.1. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22.5 DEGREE.
 - 10.2. 1.5 METER INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
 - 10.3. EVERY 150 MM DIAMETER HORIZONTAL RUN PIPE.
 - 10.4. AT THE END OF THE HORIZONTAL PIPE.
 11. A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
 12. ALL PLUMBING PIPES AND FITTINGS FOR WATER AND SEWER LINES SHALL BE PVC AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT AND ACCESSORIES.
 13. PIPE SIZES FOR WATER LINES SHALL BE Ø 12.5 MM Ø1 FOR DISTRIBUTION LINES, LINE HEAVY DUTY GATE VALVES, FAUCETS, SEETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
 14. PIPE SIZES FOR SEWER LINES SHALL BE Ø 75 MM Ø1 FOR SOIL STACKS, Ø 100 MM Ø1 FOR SOIL BRANCHES.
 15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION, DONE WITHOUT THE APPROVAL, SHALL COUSSE RESPONSIBILITY OF THE DESIGNER, ENGINEER TO CEASE A WHOLE.
 16. NO PIPING WORK, FIXTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY WALLS BEFORE THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
 17. ALL WORK SHALL BE COMPLETEDLY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 1376 AND SHALL BE LEAK TIGHT.
 18. UNLESS OTHERWISE NOTED AND SPECIFIED, USE MALLEABLE IRON BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT.

- LEGEND :
- WC WATER CLOSET
 - FD FLOOR DRAIN
 - F FAUCET
 - VTR VENT THROUGH ROOF
 - C.O. WALL CLEAN OUT
 - LAV LAVATORY
 - UR URINAL
 - SV SEPTIC VAULT
 - SANITARY LINE
 - FRESH WATER LINE
 - ⊕ GATE VALVE
 - (M) WATER METER
 - ▶ REDUCER

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/17 DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBONGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/ PREPARED BY: ENGR. RAYAJIL ANN P. PERIA ENGINEER I PROFESSION: CIVIL ENGINEER AND ROBERTS ENGINEER EMPLOYER: WPC IBAAN VALID DATE: 19/07/2024	REVIEWED BY: ENGR. ROMYALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS PROFESSION: AGRICULTURAL AND ROBERTS ENGINEER EMPLOYER: WPC IBAAN VALID DATE: 19/07/2024	RECOMMENDING APPROVAL: <i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: <i>Evelyn B. Cagasan</i> EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: P-1 18 / 20
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RAINWATER DRAINAGE LAYOUT
 SCALE: 1/100 MTS
 A3



SECTION VIEW **TOP VIEW**

REPUBLIC OF THE PHILIPPINES
 OFFICE OF THE BUILDING OFFICIAL
 DISTRICT/CITY/MUNICIPALITY _____
 CIVIL ENGINEER _____
 PLUMBING SPECIFICATIONS:
 1. ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
 2. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A LICENSED PLUMBING ENGINEER OR A MASTER PLUMBER.
 3. COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION, THE ENGINEER SHALL BE NOTICED IMMEDIATELY IF ANY CONFLICTS FOUND THEREIN.
 4. PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ENGINEER.
 5. PROVIDE SANITARY UTILITIES SHALL CONFORMED TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURE.
 6. ALL FIXTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED.
 7. RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT UNIFORM OF NOT LESS THAN TWO PERCENT (2%).
 8. NO DOUBLE HUBS, DOUBLE TEE BRANCH SHALL BE USE ON HORIZONTAL SOIL WASTE LINE, THE DRILLING OR TAPPING OF HOUSE DRAIN WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED.
 9. PROVIDE PIPE SLEEVES AT WALLS COLUMN SLAB. ONE SLAB ONE HUBBER THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE.
 10. CLEAN OUT ARE REQUIRED UNDER THE FOLLOWING CONDITION:
 10.1. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22.5 ONE-HALF DEGREE.
 10.2. 1.5 METER INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
 10.3. EVERY 150 MM DIAMETER IN HORIZONTAL RUN PIPE.
 10.4. AT THE END OF THE HORIZONTAL PIPE.
 11. A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
 12. ALL PLUMBING PIPES AND FITTINGS, FOR WATER AND SEWER LINES SHALL BE PVC AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT.
 13. PIPE SIZES FOR WATER LINES SHALL BE Ø 12.5 MM (½") FOR DISTRIBUTION LINES, USE HEAVY DUTY GATE VALVE, FAUCETS, BIDDETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
 14. PIPE SIZES FOR SEWER LINES SHALL BE Ø 75 MM (3") FOR SOIL STACK, Ø 90 MM (3") FOR SOIL BRANCHED.
 15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION, DONE WITHOUT THE APPROVAL, SHALL CONFER RESPONSIBILITY OF THE DESIGNER/ENGINEER TO CEASE A WHOLE.
 16. NO PIPING, WORK, FIXTURE OR EQUIPMENT, SHALL BE CONCEALED OR COVERED BY ANY MAINS BUILDING, THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
 17. ALL WORK SHALL BE COMPLETED, INSTALLED AND TESTED AS REQUIRED BY THE SECTION 1379 AND SHALL BE LEAK TIGHT.
 18. UNLESS OTHERWISE NOTED AND SPECIFIED, USE NUTLIX BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED EQUIVALENT.

LEGEND :
 WC WATER CLOSET
 FD FLOOR DRAIN
 F FAUCET
 VTR VENT THROUGH ROOF
 C.O. WALL CLEAN OUT
 LAV LAVATORY
 UR URINAL
 SV SEPTIC VAULT
 ——— SANITARY LINE
 ——— FRESH WATER LINE
 ⊥ GATE VALVE
 (M) WATER METER
 ▶ REDUCER

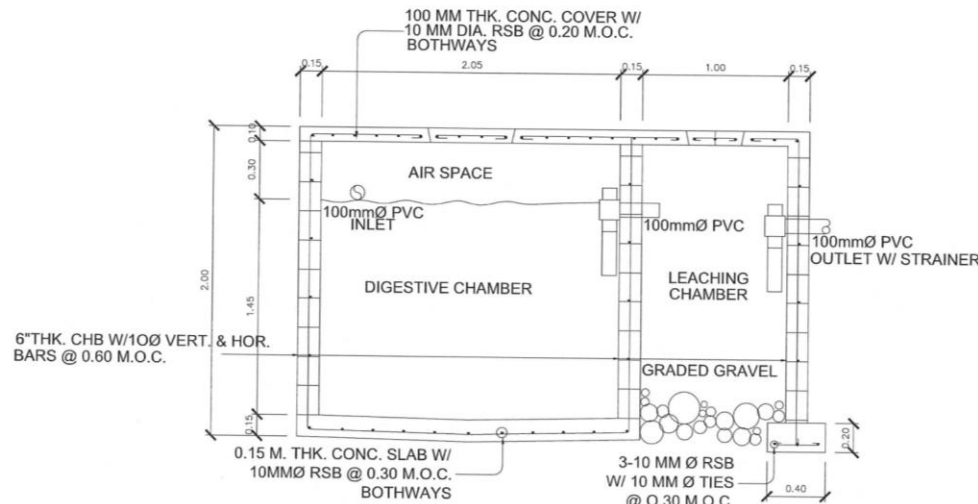
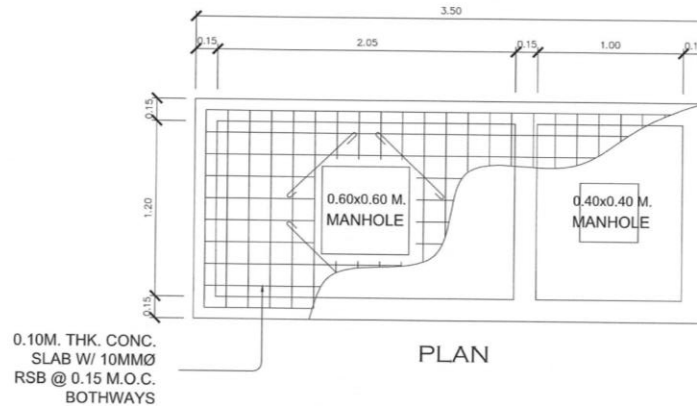
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYAN M. ANN P. PERIA DESIGNER	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: P-2 19 20
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DISTRICT/CITY/MUNICIPALITY


CIVIL ENGINEER

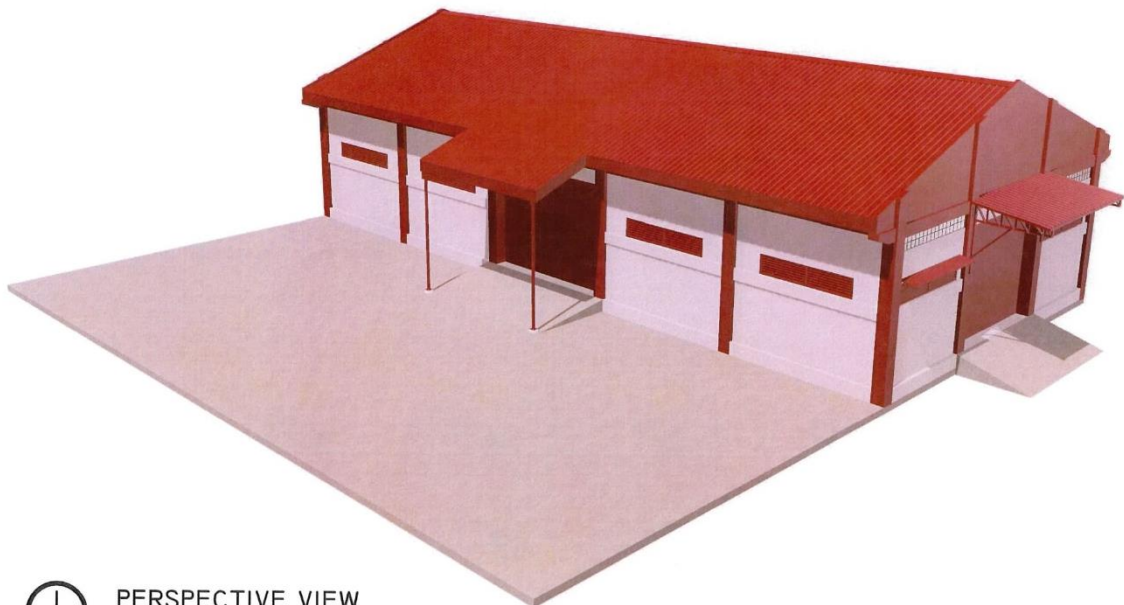
PLUMBING SPECIFICATIONS:

- ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
- ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A LICENSED PLUMBING ENGINEER OR A MASTER PLUMBER.
- COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION: THE ENGINEER SHALL BE NOTICED IMMEDIATELY IF ANY DISCREPANCY FOUND THEREIN.
- PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ENGINEER.
- PROPOSED SANITARY UTILITIES SHALL CONFORMED TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURE.
- ALL FIXTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED.
- RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT UNIFORM OF NOT LESS THAN TWO PERCENT (2%).
- NO DOUBLE HUBS, DOUBLE TEE BRANCH SHALL BE USE ON HORIZONTAL SOIL WASTE LINE, THE DRILLING OR TAPPING OF HOUSE DRAIN WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED.
- PROVIDE PIPE SLEEVES AT WALLS COLUMN SLAB ONE SLAB ONE BIGGER THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE.
- CLEAN-OUT ARE REQUIRED UNDER THE FOLLOWING CONDITION:
 - EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22° ONE HALF DEGREE.
 - 1.5 METERS INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
 - EVERY 100 MM DIAMETER IN HORIZONTAL RUN PIPE.
- AT THE END OF THE HORIZONTAL PIPE.
- A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
- ALL PLUMBING PIPES AND FITTINGS FOR WATER AND SEWER LINES SHALL BE PVC AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT.
- PIPE SIZES FOR WATER LINES SHALL BE: Ø 12.5 MM (½") FOR DISTRIBUTION LINES, USE HEAVY DUTY GATE VALVES, FAUCETS, BIEETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
- PIPE SIZES FOR SEWER LINES SHALL BE: Ø 75 MM (3") FOR SOIL STACK, Ø 50 MM (2") FOR SOIL BRANCHES.
- NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT THE APPROVAL SHALL COURSE RESPONSIBILITY OF THE DESIGNER/ENGINEER TO CEASE A WHOLE.
- NO PIPING, WORK FIXTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY MANS BEFORE THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
- ALL WORK SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 1376 AND SHALL BE LEAK TIGHT.
- UNLESS OTHERWISE NOTED AND SPECIFIED, USE MIXTEK BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT.



I **DETAIL OF SEPTIC TANK**
SCALE: P-3 NTS AS

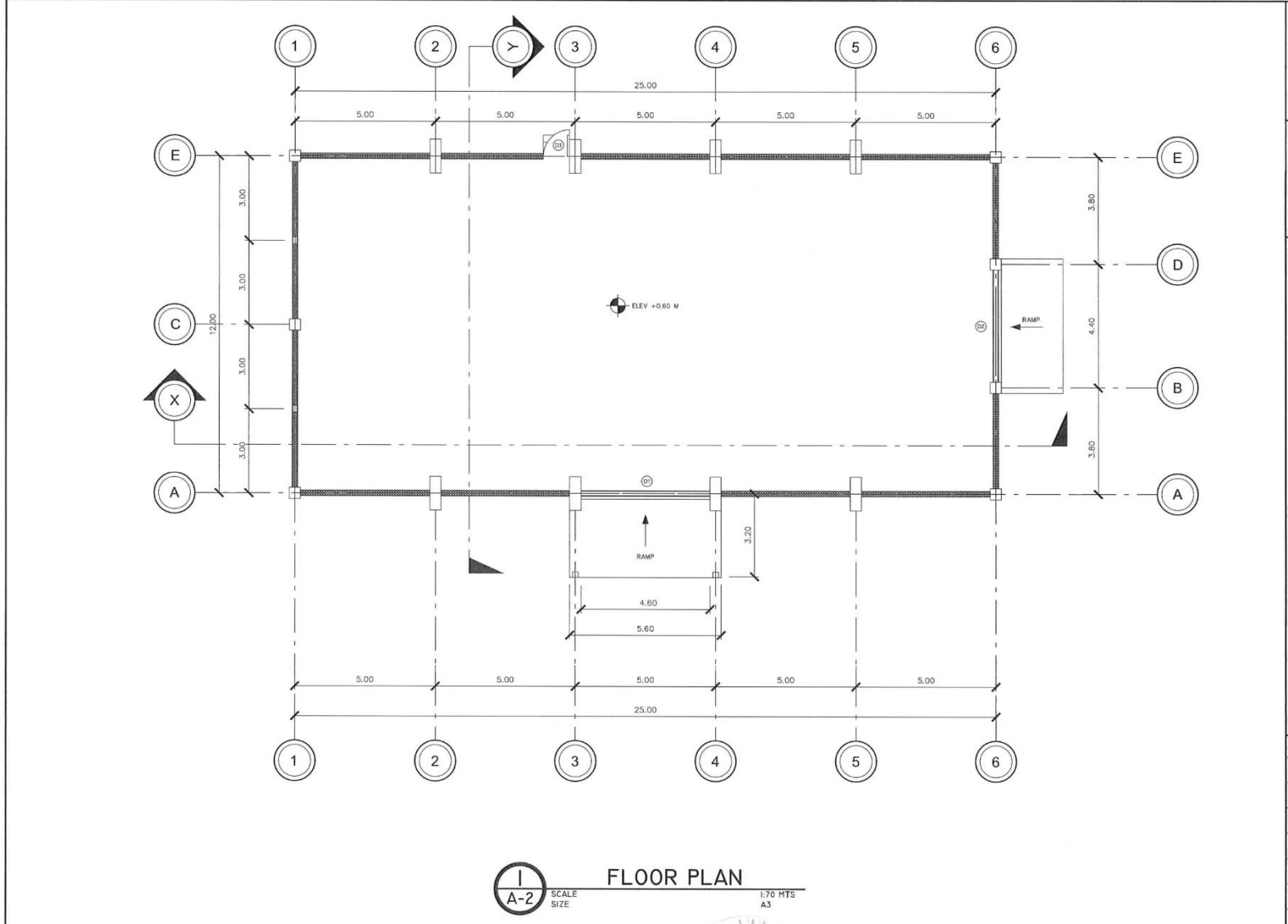
OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HIBLA FARMING TRADING CENTER/ OFFICE BUILDING JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p>ENGR. RAYA ANN P. PERIA ENGINEER I</p> <p>PROFESSION: AGRICULTURAL AND FISHERIES ENGINEER PR. REG. NO.: 001131 EXPIRES: NOVEMBER 27, 2024</p>	<p>ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS</p> <p>PROFESSION: AGRICULTURAL AND FISHERIES ENGINEER PR. REG. NO.: 001076 EXPIRES: NOVEMBER 27, 2024</p>	<p>ALMA MARIA K. SANTOS CIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM CIC, EXECUTIVE DIRECTOR</p>	<p>P-3 20 20</p>



PERSPECTIVE VIEW
 SCALE SIZE: NTS A3

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OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DARPAFA, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA ZAMBOANGA DEL SUR	AS SHOWN	 ENGR. RAYA JILANN P. PERIA ENGINEER	 ENGR. ROMY AN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS	 ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	 EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	
			<small>PROFESSION: AGRICULTURAL AND BIOPROCESSING ENGINEER REG. NO. (RD): 20111201 VALID EXPIRE: NOVEMBER 01, 2024</small>	<small>PROFESSION: AGRICULTURAL AND BIOPROCESSING ENGINEER REG. NO. (RD): 000741 VALID EXPIRE:</small>			



I
A-2 SCALE 1:70 MTS SIZE A3

FLOOR PLAN

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY

CIVIL/STRUCTURAL ENGINEER

GENERAL NOTES

1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
3. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK OR DURING CONSTRUCTION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS MAYBE IMPOSED DURING THE CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY ALL DIMENSION BEFORE ALL WORK IS TO BEGIN WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE.
6. INSPECTION: ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.

LEGENDS:

- DOOR SCHEDULE
- WINDOW SCHEDULE
- FLOOR ELEVATION
- 0.15 M THICK CONCRETE WALL
- C1F1 400X400 MM CONCRETE COLUMN W/ 1.60X1.60X300MM THICK FOUNDATION
- WF-1 WALL FOOTING WITH 6" THICK CHB
- FTB-1 350X300MM FOOT TIE BEAM

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGSA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA M. ANN P. PERIA ENGINEER I	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPOSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM O.E. EXECUTIVE DIRECTOR	SHEET NO: A-2 02 18
<small> PROFESSIONAL: RAYA M. ANN P. PERIA, REGISTERED ENGINEER REG. NO. 0011101 VALID UNTIL: NOVEMBER 27, 2024 </small>			<small> PROFESSIONAL: ROMY ALVIN D. DOMINGO, REGISTERED ENGINEER REG. NO. 0007874 VALID UNTIL: </small>				

DISTRICT/CITY/MUNICIPALITY

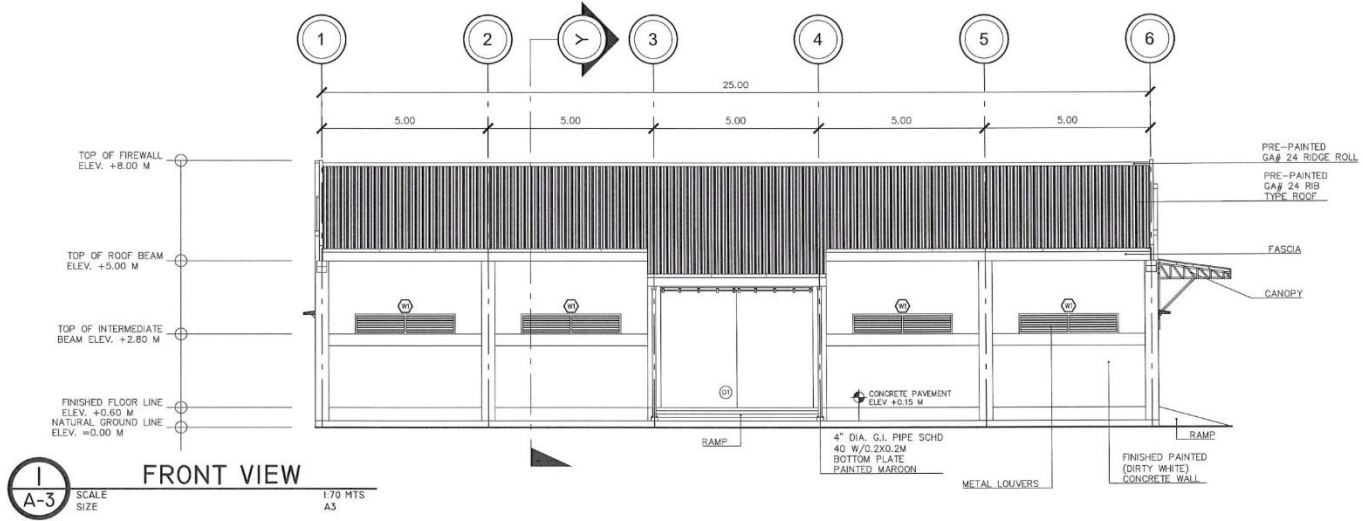
CIVIL/STRUCTURAL ENGINEER

GENERAL NOTES

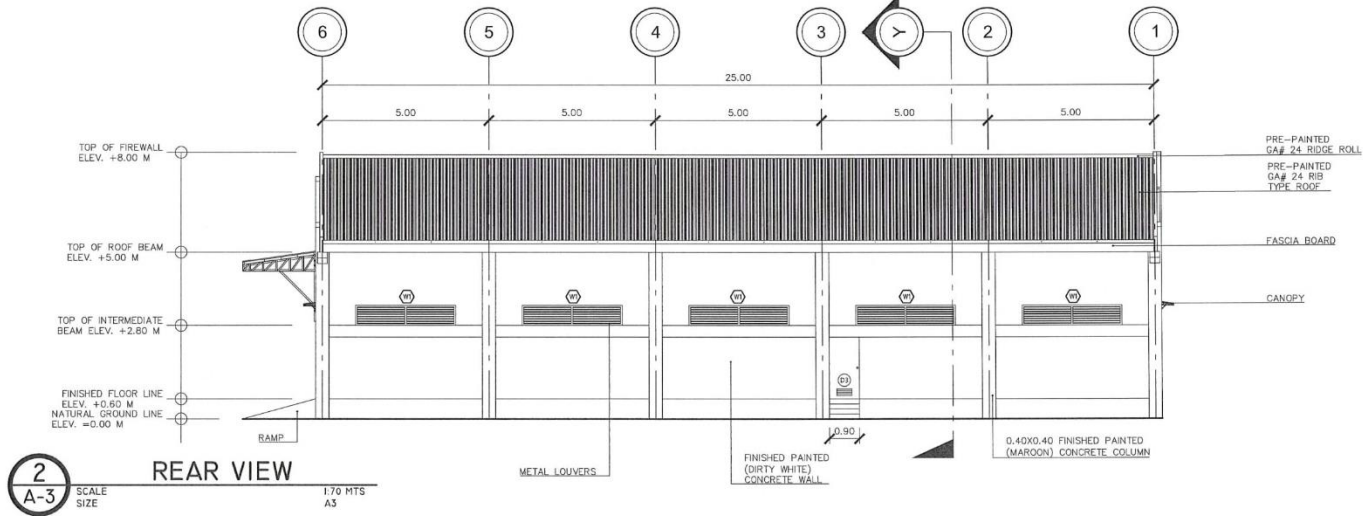
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- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS MAYBE IMPOSED DURING THE CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL DIMENSION BEFORE ALL WORK IS TO BEGIN WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS PIPE SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE.
- INSPECTION: ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND PAINTWORK OR REQUIRE ITS CORRECTION.

REJECT DEFECTIVE MATERIALS AND PAINTWORK OR REQUIRE ITS CORRECTION.

- PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL EXPOSED IRON STEEL WORK TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METAL SHALL RECEIVE A PRIME COAT(S), SHOP APPLIED IS POSSIBLE. BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT.
- THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS. WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.



1
A-3
SCALE
SIZE
1:70 MTS
A3



2
A-3
SCALE
SIZE
1:70 MTS
A3

<p>OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPICAR, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBAANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY: ENGR. RAY A. JULLYNN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND FORESTRY ENGINEERING PRACTICE NO.: 0311100 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPOSS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER PRACTICE NO.: 0007218 VALID UNTIL:</p>	<p>RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: A-3 03 18</p>
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DISTRICT/CITY/MUNICIPALITY

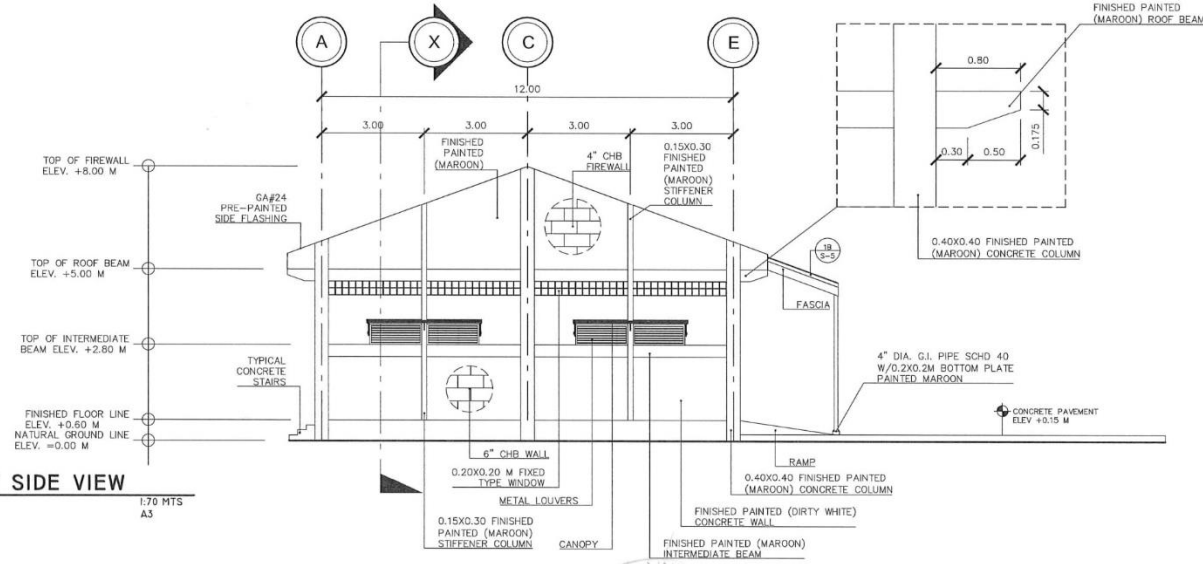
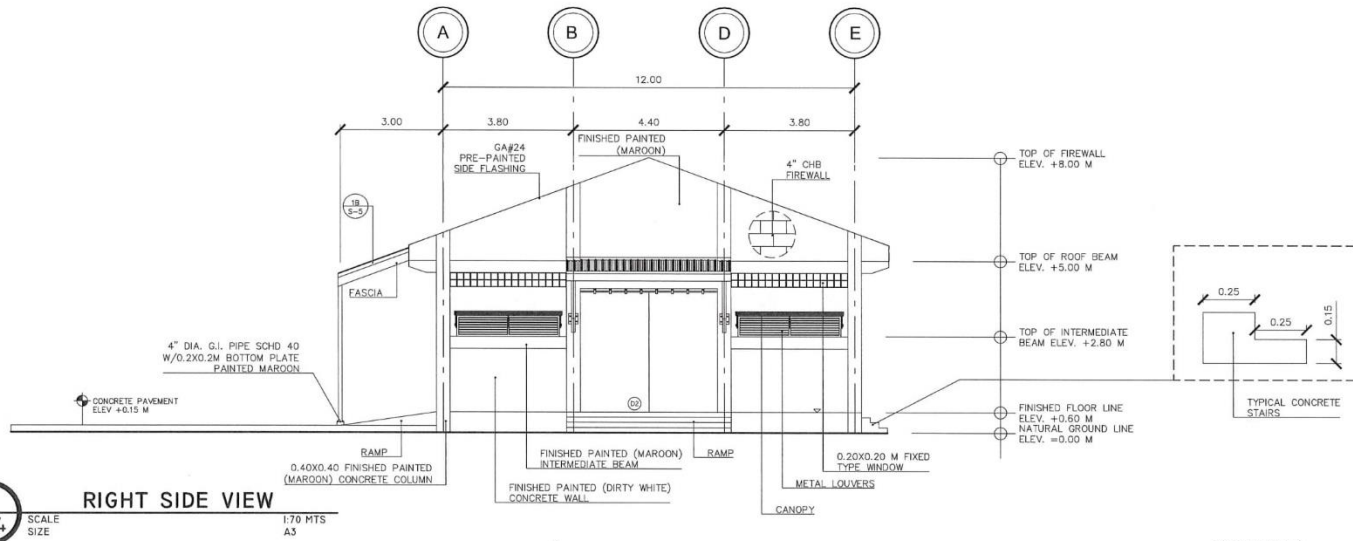
CIVIL ENGINEER


GENERAL NOTES

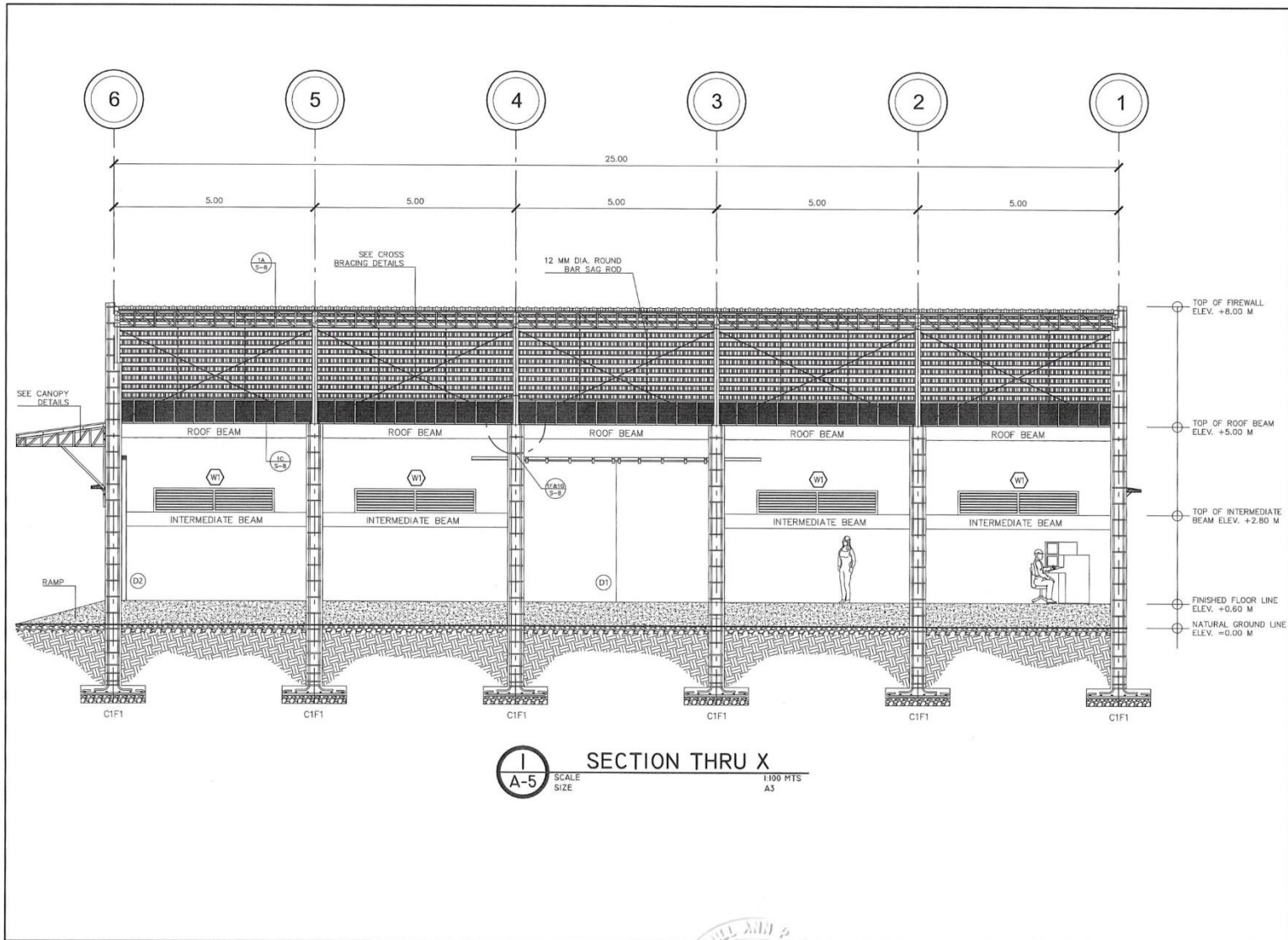
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- CONTRACTOR SHALL VERIFY ALL DIMENSION BEFORE ALL WORK IS TO BEGIN WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS PIPE SLEEVES, ETC., TO EMBEDDED IN CONCRETE.
- INSPECTION: ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECTED TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.

PAINTING WORKS:

- PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL EXPOSED IRON STEEL WORK TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METAL SHALL RECEIVE A PRIME COAT(S), SHOP APPLIED IS POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCHUP PRIME COAT.
- THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED, CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS, WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.



OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/ PREPARED BY: ENGR. RAYAJIL ANN P. PERIA ENGINEER I	REVIEWED BY: ENGR. ROMY ALM D. DOMINGO FIBER DEVELOPMENT CENTER II/ HEAD, EPDSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-4 04/18
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REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL


DISTRICT/CITY/MUNICIPALITY

CIVIL ENGINEER

- GENERAL NOTES
- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
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SECTION THRU X
SCALE: 1:100 MTS A3

OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN / PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBANGA DEL SUR</p>	<p>AS SHOWN</p>	<p>ENGR. RAY J. L. ANN P. PERIA ENGINEER II</p> <p>PROFESSION: AGRICULTURAL AND INDUSTRIAL ENGINEER REG. NO. 1001 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>ENGR. ROMY AWIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS</p> <p>PROFESSION: AGRICULTURAL AND INDUSTRIAL ENGINEER REG. NO. 1002 VALID UNTIL: 2024</p>	<p>ALMA MARIA K. SANTOS OIC. INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN H. CAGASAN, MM OIC. EXECUTIVE DIRECTOR</p>	<p>A-5 05 18</p>

DISTRICT/CITY/MUNICIPALITY

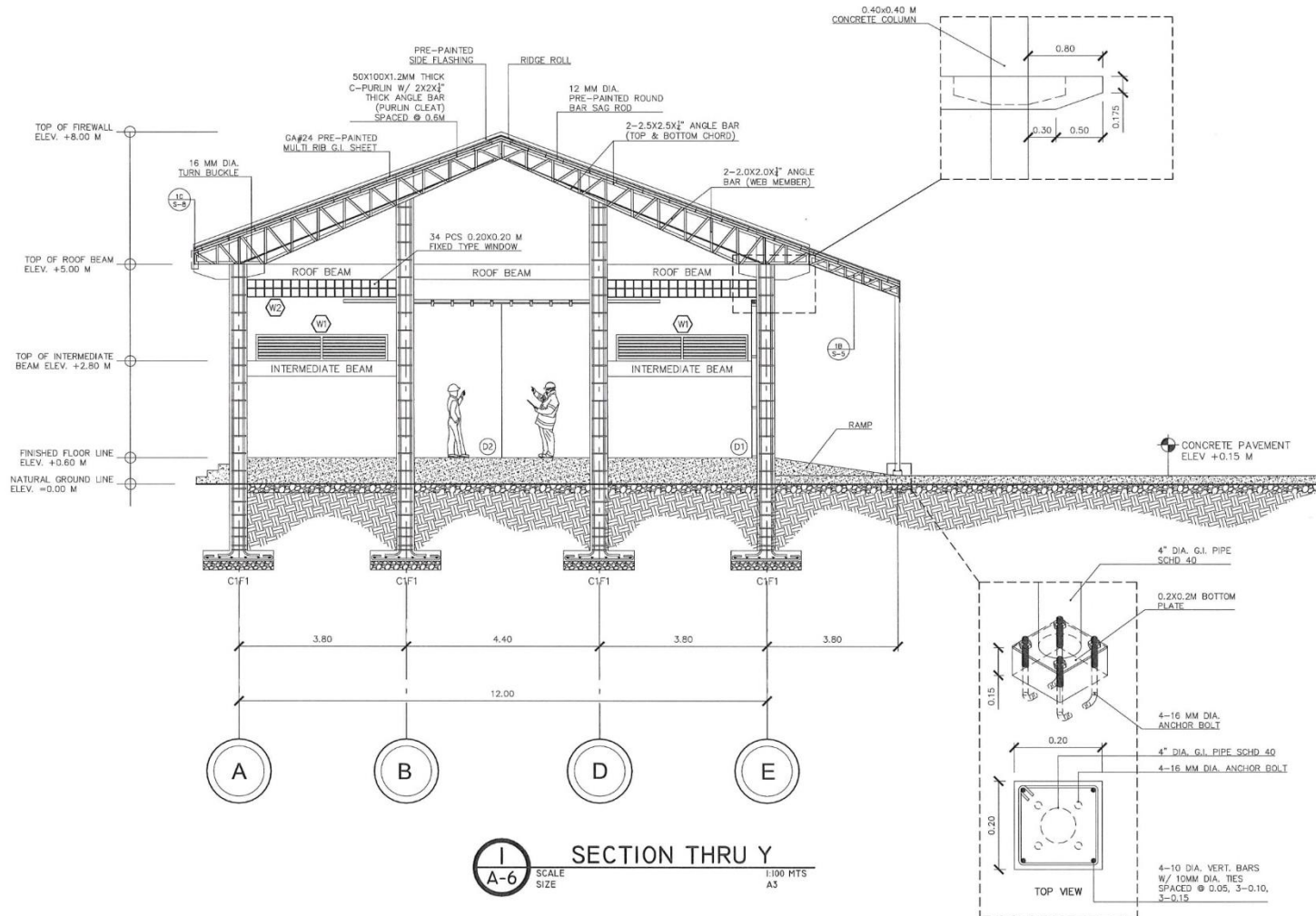
CIVIL ENGINEER

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I
A-6 SCALE 1:100 MTS
A3

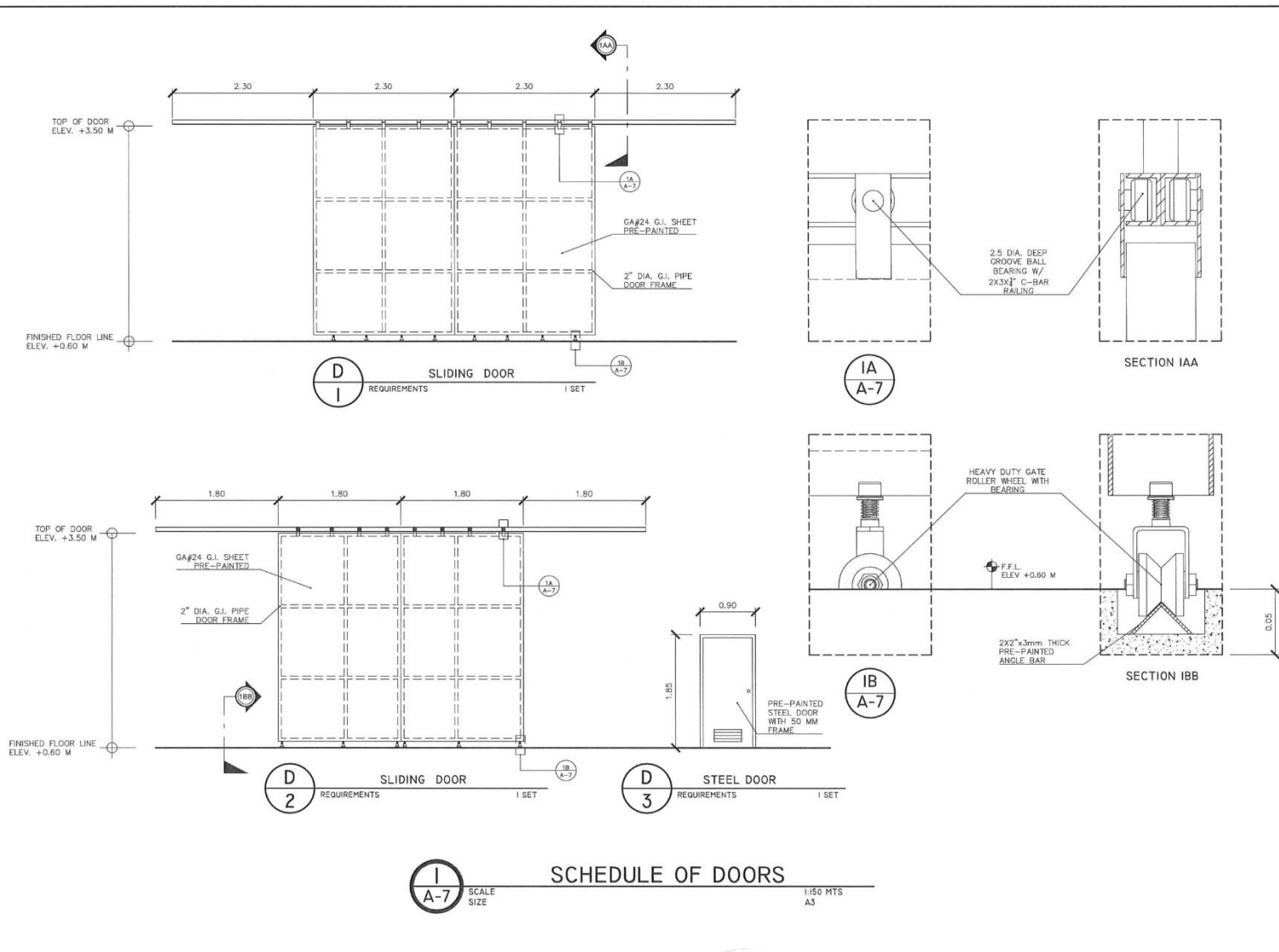
<p>OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME / LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY: ENGR. RAYMUND ANN P. PERIA ENGINEER I PROFESSION: REGISTERED PROFESSIONAL ENGINEER PRC REG. NO.: 011137 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER I / HEAD, EPDSS PROFESSION: REGISTERED PROFESSIONAL ENGINEER PRC REG. NO.: 000704 VALID UNTIL: 00/00/00</p>	<p>RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: A-6 06 18</p>
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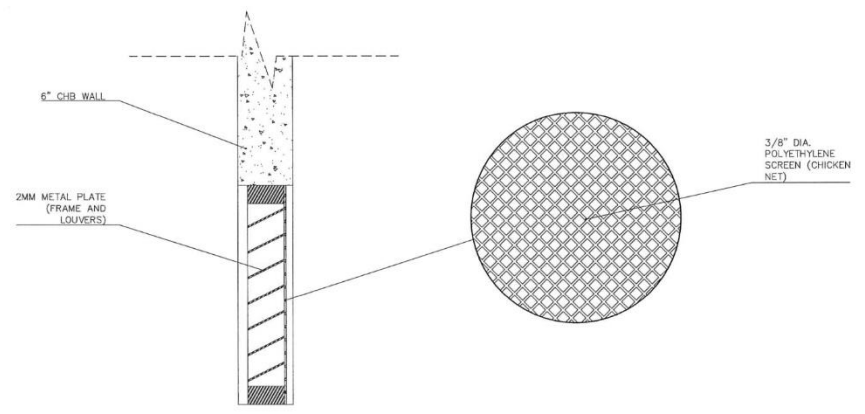
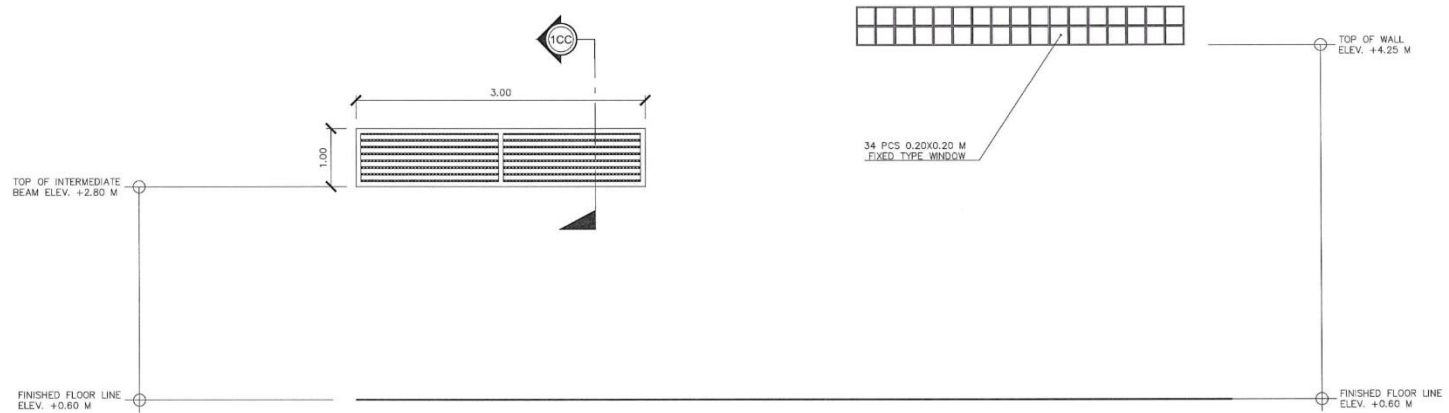
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I
A-7
SCALE SIZE
1:50 MTS
A3

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYAN J. ANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND FISHERIES ENGINEER I PRO REG. NO.: 0011121 VALID UNTIL: NOVEMBER 21, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS PROFESSION: AGRICULTURAL AND FISHERIES ENGINEER II PRO REG. NO.: 0002028 VALID UNTIL:	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-7 07/18
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SCHEDULE OF WINDOWS
 SCALE SIZE: 1:200 MTS A3

REPUBLIC OF THE PHILIPPINES
 OFFICE OF THE BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY







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DISTRICT/CITY/MUNICIPALITY

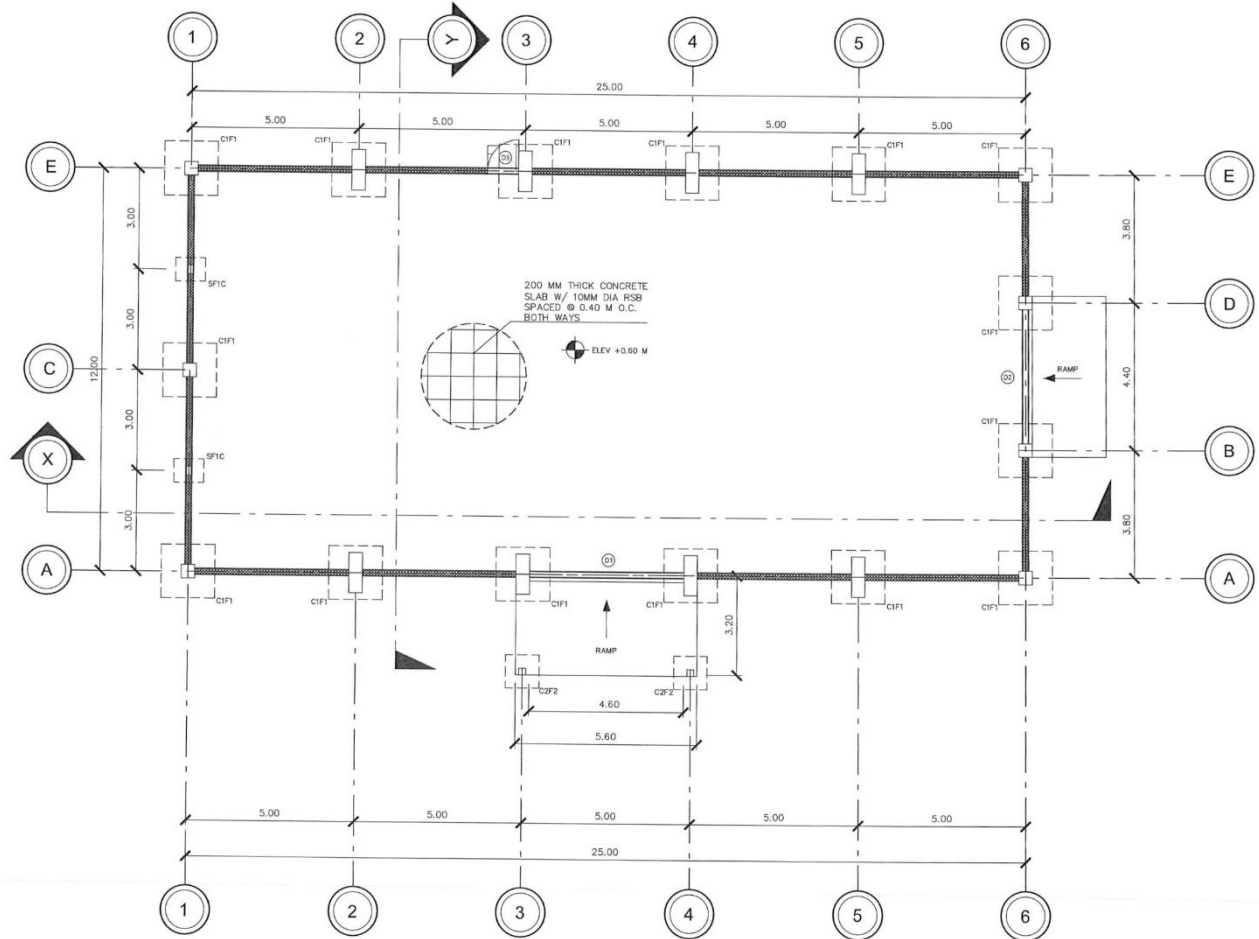
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LEGENDS:

	DOOR SCHEDULE
	WINDOW SCHEDULE
	FLOOR ELEVATION
	0.15 M THICK CONCRETE WALL
	400X400 MM CONCRETE COLUMN W/ 1,600X1,600X300MM THICK FOUNDATION
	WF-1 WALL FOOTING WITH 5" THICK CHB
	FTB-1 350X300MM FOOT TIE BEAM



FOUNDATION PLAN
SCALE: 1:75 MTS. SIZE: A3

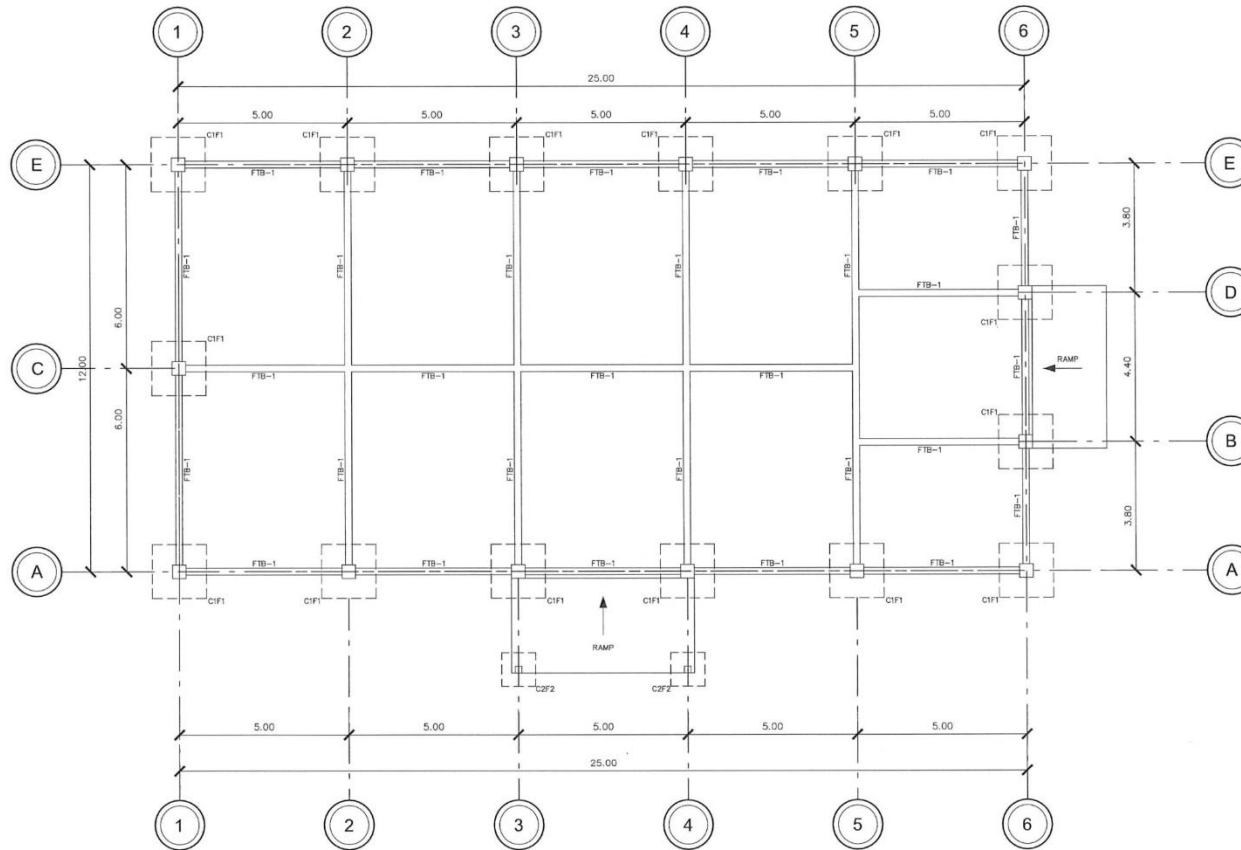
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA JILL ANN P. PERIA ENGINEER I	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. MAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: S-1 09/18
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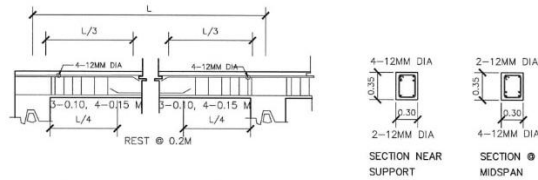


1 FOOT TIE BEAM PLAN
SCALE 1:70 MTS
SIZE A3

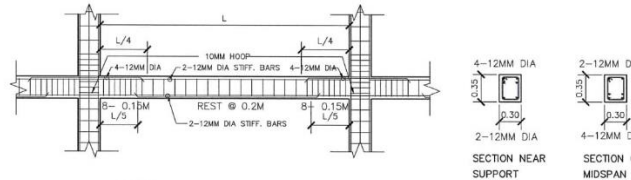
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- FLOOR ELEVATION
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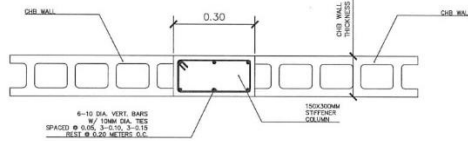
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYMUND ANN P. PERIA ENGINEER 1/1/1/1	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: S-2 10 18
<small>PROFESSIONAL ENGINEER AND ARCHITECTS ACT NO. 344, AS AMENDED BY RA 6969, RA 9292, RA 9514, RA 10664, RA 10962, RA 11532, RA 11647, RA 11888, RA 12032, RA 12249, RA 12501, RA 12502, RA 12503, RA 12504, RA 12505, RA 12506, RA 12507, RA 12508, RA 12509, RA 12510, RA 12511, RA 12512, RA 12513, RA 12514, RA 12515, RA 12516, RA 12517, RA 12518, RA 12519, RA 12520, RA 12521, RA 12522, RA 12523, RA 12524, RA 12525, RA 12526, RA 12527, RA 12528, RA 12529, RA 12530, RA 12531, RA 12532, RA 12533, RA 12534, RA 12535, RA 12536, RA 12537, RA 12538, RA 12539, RA 12540, RA 12541, RA 12542, RA 12543, RA 12544, RA 12545, RA 12546, RA 12547, RA 12548, RA 12549, RA 12550, RA 12551, RA 12552, RA 12553, RA 12554, RA 12555, RA 12556, RA 12557, RA 12558, RA 12559, RA 12560, RA 12561, RA 12562, RA 12563, RA 12564, RA 12565, RA 12566, RA 12567, RA 12568, RA 12569, RA 12570, RA 12571, RA 12572, RA 12573, RA 12574, RA 12575, RA 12576, RA 12577, RA 12578, RA 12579, RA 12580, RA 12581, RA 12582, RA 12583, RA 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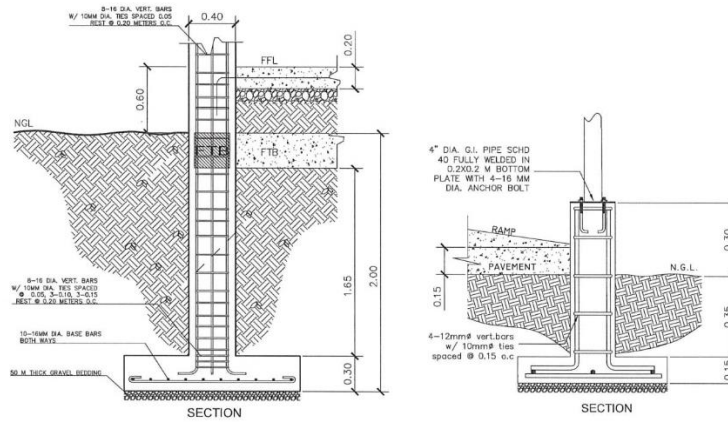
1 ROOF BEAM & INTERMEDIATE BEAM DETAILS
SCALE: S-3, SIZE: NTS A3



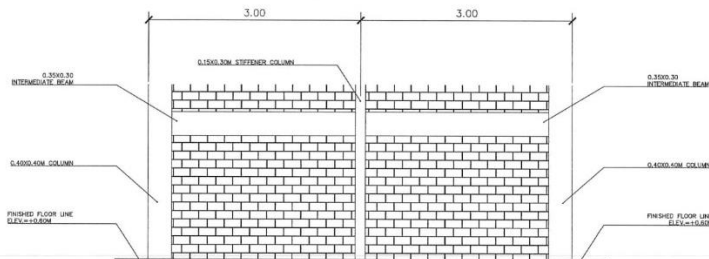
2 FOOT TIE BEAM DETAILS
SCALE: S-3, SIZE: NTS A3



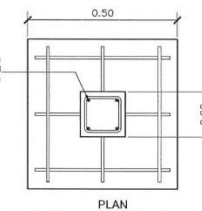
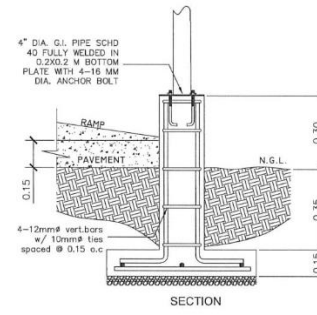
3 TYP. STIFFENER COLUMN DETAILS
SCALE: S-3, SIZE: NTS A3



5 COLUMN FOOTING DETAILS
SCALE: S-3, SIZE: NTS A3



4 TYP. MASONRY WALL DETAILS
SCALE: S-3, SIZE: NTS A3



REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL

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CIVIL ENGINEER

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OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/4 DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA JULI ANN P. PERIA ENGINEER PROF. REG. NO. 0211101 HABIT. LICENSE: W/000000017, 2014	REVIEWED BY: ENGR. ROMY MARIN D. DOMINGO FIBER DEVELOPMENT OFFICER (I/2 HEAD, EPDSS) PROF. REG. NO. 0211101 HABIT. LICENSE: W/000000017, 2014	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC. INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVELYN B. GAGASAN, MM OIC. EXECUTIVE DIRECTOR	SHEET NO.:
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DISTRICT/CITY/MUNICIPALITY

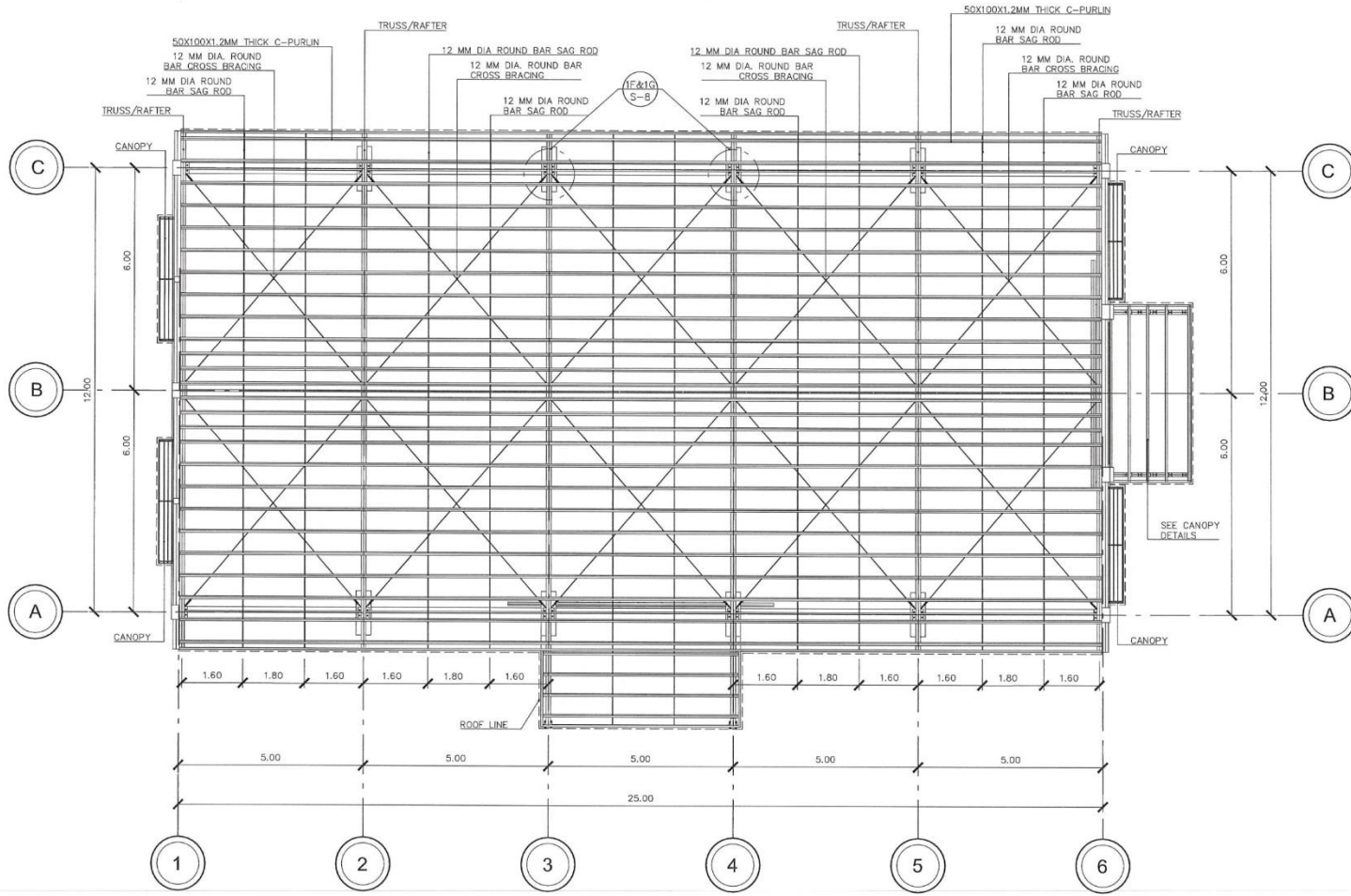
CIVIL ENGINEER

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1 ROOF FRAMING PLAN
S-4 SCALE 1:80 MTS AS

<p>OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DARCAP, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>DRAWN/PREPARED BY: ENGR. RAYA JILL ANN P. PERIA ENGINEER I</p>	<p>REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS</p>	<p>RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY: EVELYN CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO: S-4 12 18</p>
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DISTRICT/CITY/MUNICIPALITY

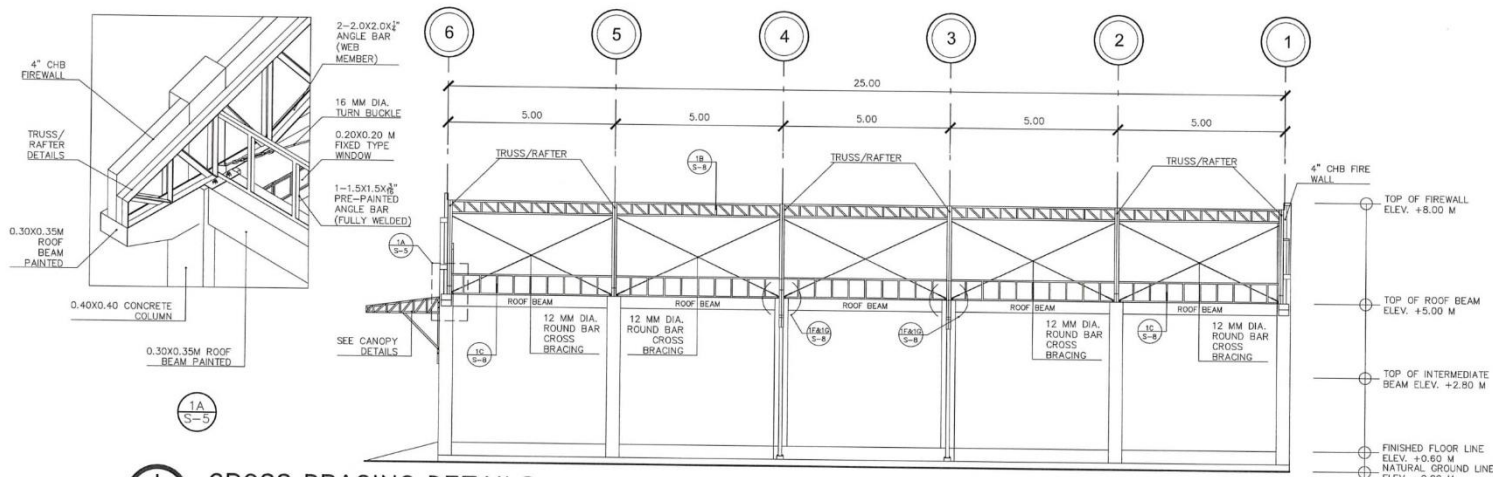
CIVIL ENGINEER

GENERAL NOTES

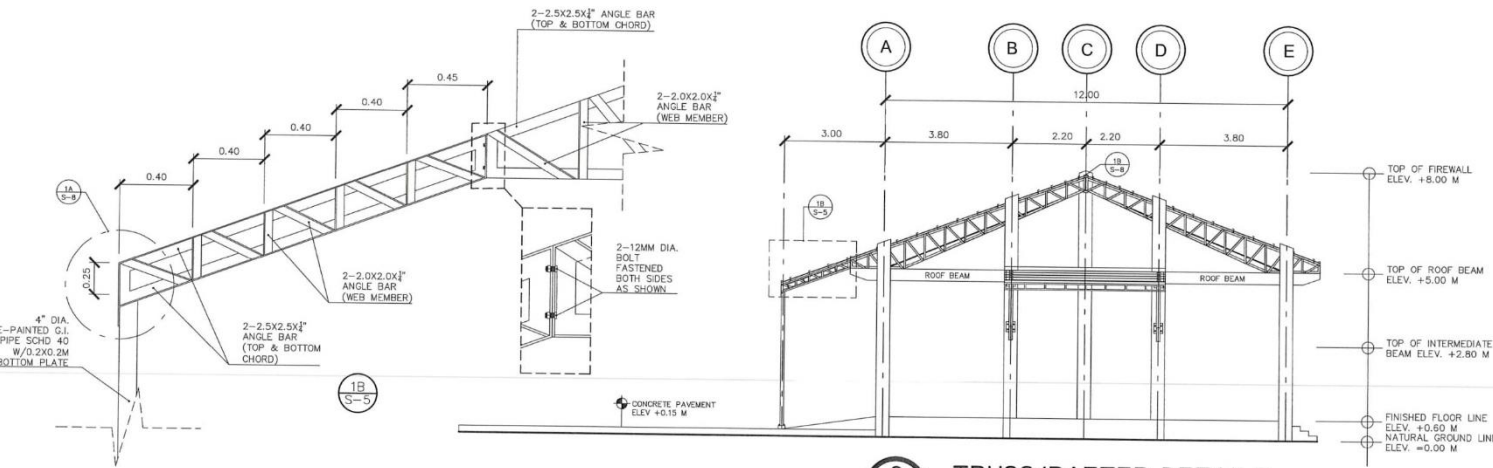
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PAINTING WORKS:





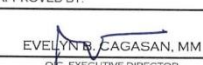

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1 CROSS BRACING DETAILS
SCALE: 1:70 MTS
SIZE: A3



2 TRUSS/RAFTER DETAILS
SCALE: 1:70 MTS
SIZE: A3

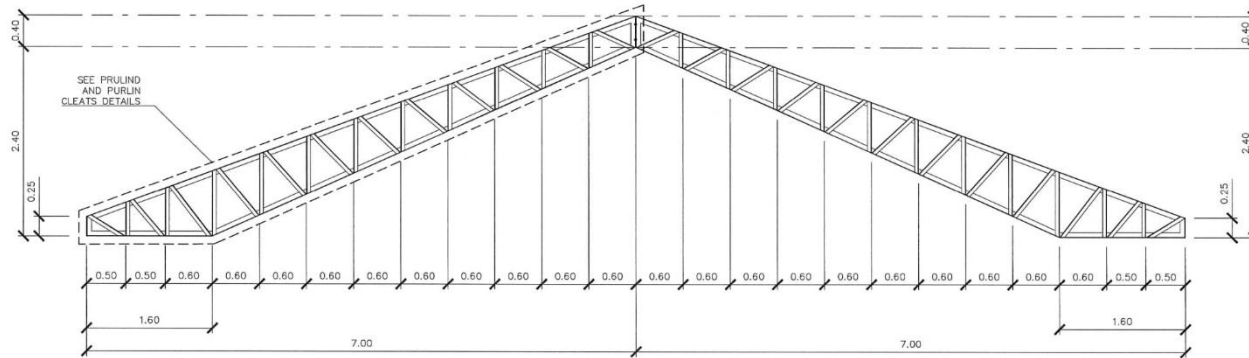
OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DARPAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HEILA FARMING AGRICULTURAL WAREHOUSE JOSEFINA ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY:  ENGR. RAYA JILL ANN P. PERIA <small>PROF. REG. NO. 10011111 VALID UNTIL: NOVEMBER 27, 2024</small>	REVIEWED BY:  ENGR. ROMY AN D. DOMINGO <small>PROF. REG. NO. 10022724 VALID UNTIL: 2025/12/4</small>	RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS <small>OIC. INTERIM FIBER ENGINEERING DIVISION</small>	APPROVED BY:  EVELYN B. CAGASAN, MM <small>OIC. EXECUTIVE DIRECTOR</small>	SHEET NO.:  S-5 13/18
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GENERAL NOTES

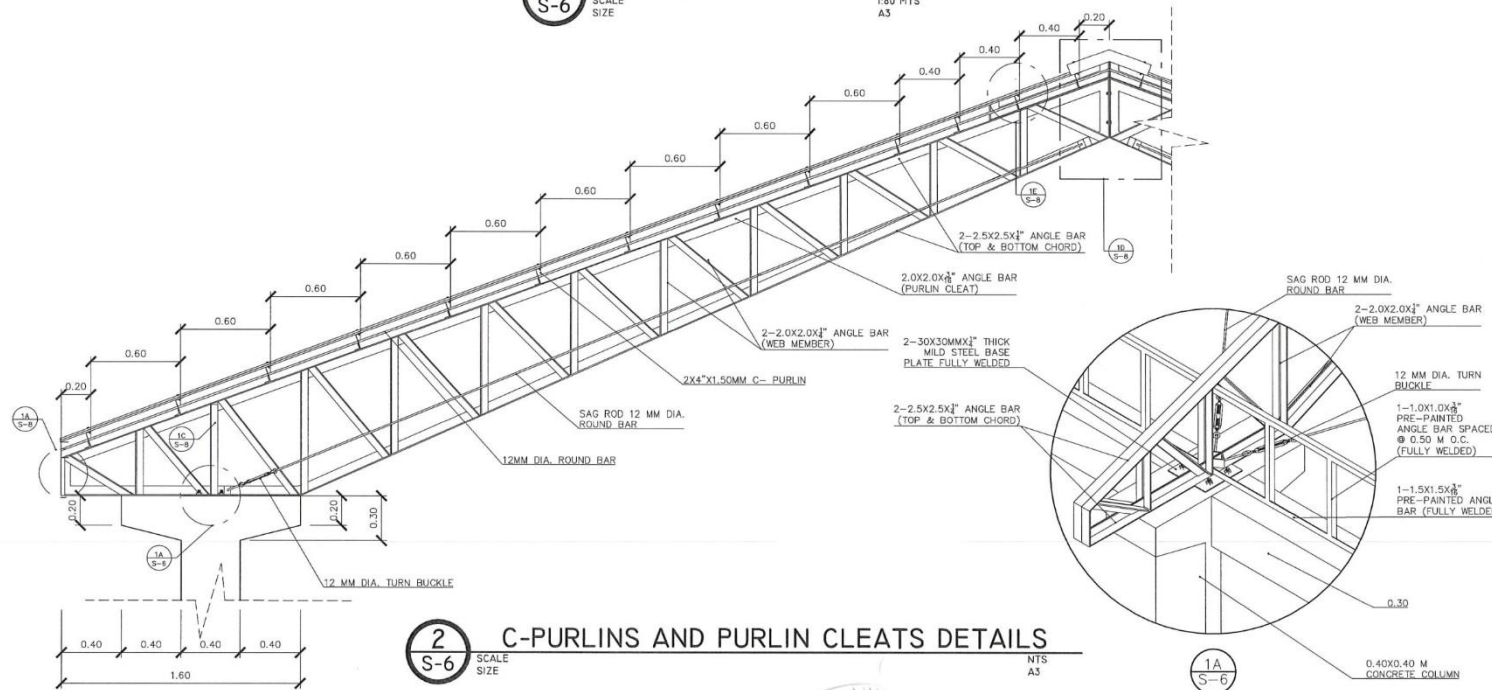
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1 TRUSS/RAFTER DETAILS
SCALE: S-6
1.80 MTS
A3



2 C-PURLINS AND PURLIN CLEATS DETAILS
SCALE: S-6
NTS
A3

OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p>ENGR. RAYA ALLAN P. PERIA</p>	<p>ENGR. ROMY ALVIN D. DOMINGO</p>	<p>ALMA MARIA K. SANTOS</p>	<p>EVELYN B. CAGASAN, MM</p>	<p>S-6 14 18</p>
			<p>ENGINEER</p> <p>PROJ. DESIGN: AGRI. C. 1046 (R005) (10/18/2024) PROJ. REG. NO.: 2011151 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>FIBER DEVELOPMENT OFFICER I/ HEAD, EPDSS</p> <p>PROJ. DESIGN: AGRI. C. 1046 (R005) (10/18/2024) PROJ. REG. NO.: 200778 VALID UNTIL: NOVEMBER 27, 2024</p>	<p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>OIC, EXECUTIVE DIRECTOR</p>	

DISTRICT/CITY/MUNICIPALITY

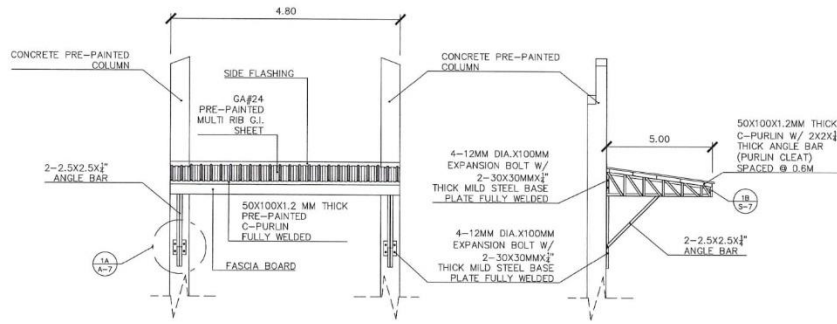
CIVIL ENGINEER

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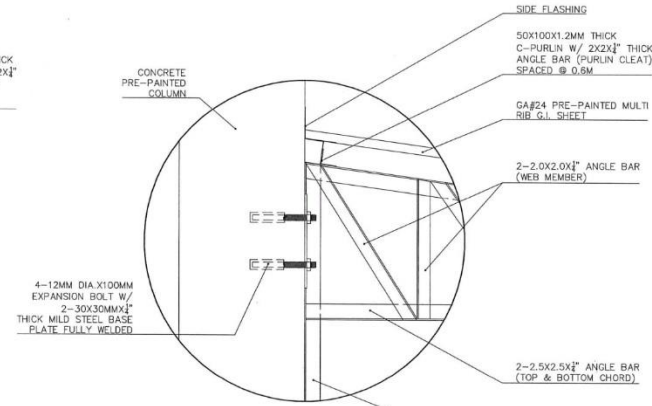
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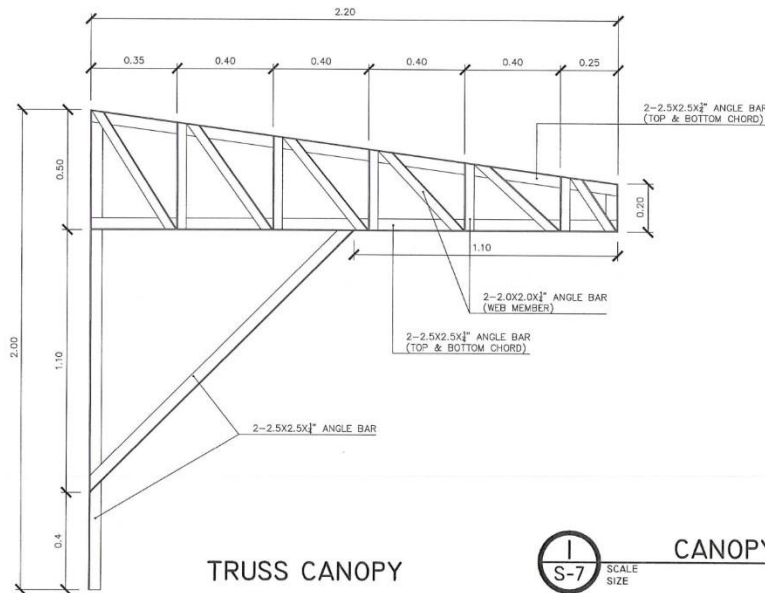


FRONT VIEW

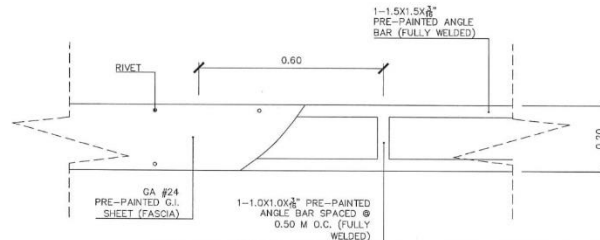
SIDE VIEW



1A
S-7



TRUSS CANOPY



1B
S-7

1
S-7

CANOPY DETAILS

NTS
A3

OWNER:	PROJECT NAME/ LOCATION:	SHEET CONTENT:	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO:
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/1 F. D. P. C. A. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY</p>	<p>ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA ZAMBANGA DEL SUR</p>	AS SHOWN	<p>ENGR. RAYA JILL ANN P. PERIA ENGINEER I</p>	<p>ENGR. ROMY M. WIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDMS</p>	<p>ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>S-7 15 18</p>

DISTRICT/CITY/MUNICIPALITY

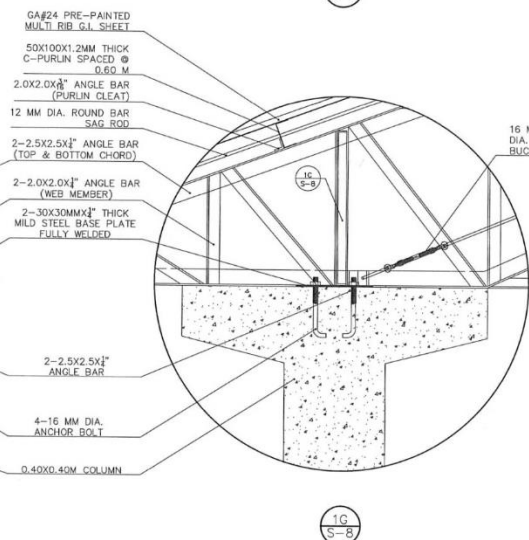
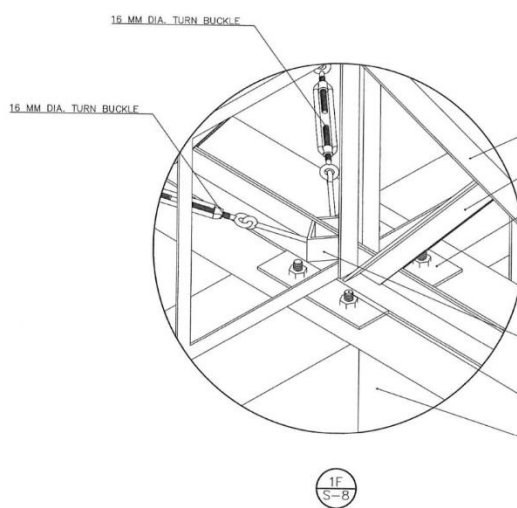
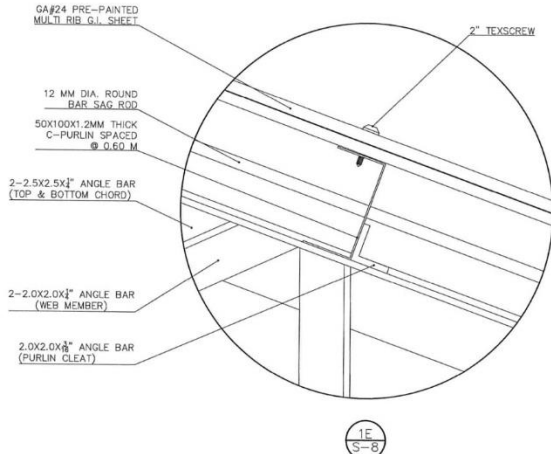
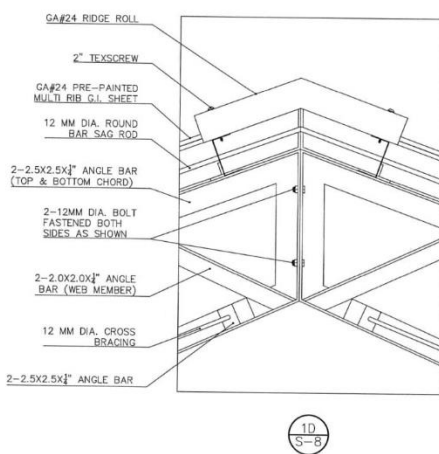
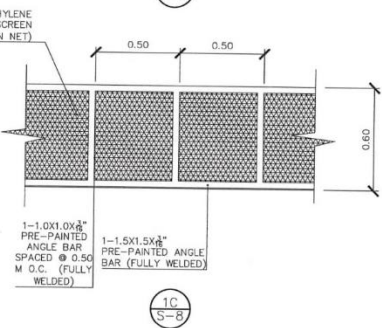
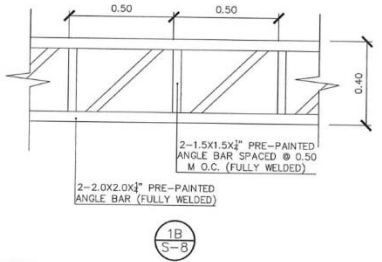
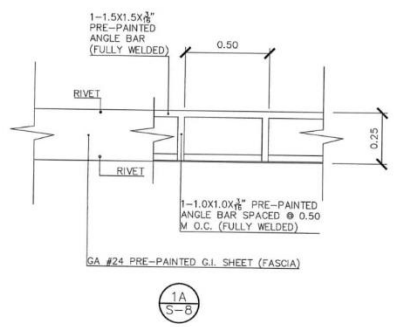
CIVIL ENGINEER




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3. THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED, CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS, WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.



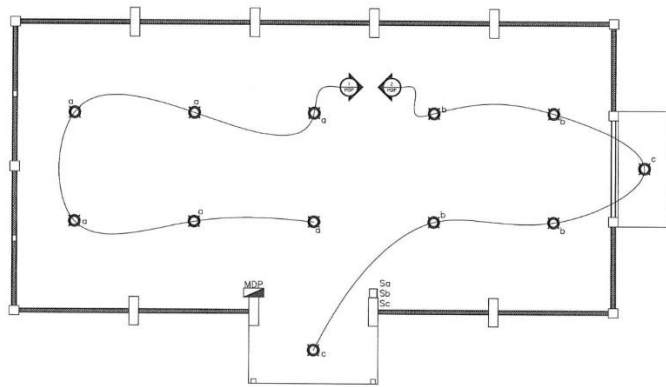
OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGIA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAY JILL ANN P. PERIA ENGINEER PROF. REG. NO. 0011301 VAL. NO. 1111 NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/ HEAD, EPDSS PROF. REG. NO. 0011301 VAL. NO. 1111 NOVEMBER 27, 2024	RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY:  EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO. S-8 16 18
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DISTRICT/CITY/MUNICIPALITY

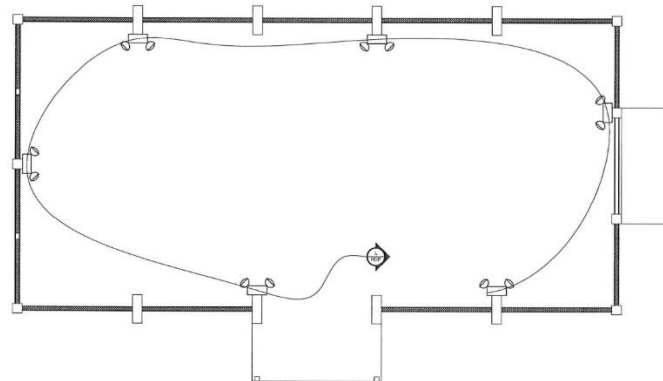
CIVIL ENGINEER

ELECTRICAL SPECIFICATIONS:

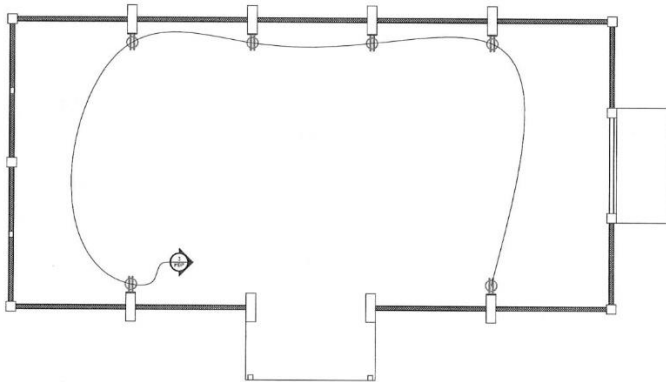
- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
- THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230 V.A.C. 60Hz.
1. FEEDERS AND RISERS - RIGID STEEL CONDUIT
2. LIGHTING POWER RECEPTACLE BRANCH CIRC. AUXILIARY - POLYVINYL CHLORIDE CONDUIT
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE, "THIN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 - MM² TRADE/NOMINAL SIZE. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
- ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
 - A. LIGHT SWITCH - 1.20 M ABOVE FINISHED FLOOR
 - B. CONVENIENCE OUTLET - 1.20 M ABOVE FINISHED FLOOR
 - C. PANEL BOARD - 1.50 ABOVE FINISHED FLOOR
 - D. FIRE ALARM STATION OUTLET - 1.50 ABOVE FINISHED FLOOR
 - E. PUSH BUTTON OUTLET - 1.20 M ABOVE FINISHED FLOOR
 - F. FIRE ALARM AND VIBRATING BELL - 0.30 M BELOW CEILING LINE
 - G. ABOVE THE COUNTER RECEPTACLE OUTLETS - 0.25 M ABOVE THE COUNTER
 - H. ACCUSTONNERI OUTLETS - 1.8M ABOVE FINISH FLOOR



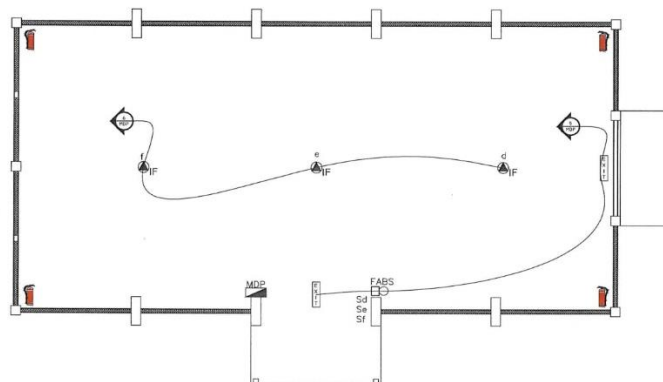
1 LIGHTING OUTLET LAYOUT
E-1 SCALE SIZE 1:50 MTS AS



2 EMERGENCY LIGHT LAYOUT
E-1 SCALE SIZE 1:50 MTS AS






3 CONVENIENCE OUTLET LAYOUT
E-1 SCALE SIZE 1:50 MTS AS



4 FIRE ALARM & EXIT SIGN
E-1 SCALE SIZE 1:50 MTS AS

LEGEND :

- 100W LED
- 150W LED HI BAY LUMINAIRE
- ⊕ DUPLEX CONVENIENCE OUTLET
- ⊕ INDUSTRIAL FAN
- ⊕ EXHAUST FAN
- ⊕ EMERGENCY LIGHT
- ⊕ FABS FIRE ALARM BELL & SWITCH
- ⊕ FIRE EXIT SIGN
- ⊕ PANELBOARD
- ⊕ CIRCUIT BREAKER
- ⊕ 3-GANG SWITCH
- ⊕ 2-GANG SWITCH
- ⊕ CIRCUIT HOMERUN
- ⊕ CIRCUIT RUN
- ⊕ FIRE EXTINGUISHER

OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F, DA-PCAF, DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYA JILLANN P. PERIA ENGINEER I PROFESSION: AGRICULTURAL AND FORESTRY ENGINEERING PRL REG. NO.: 0511101 VALID UNTIL: NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMYALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER I/2 HEAD, EPDSS PROFESSION: AGRICULTURAL AND FORESTRY ENGINEERING PRL REG. NO.: 0507474 VALID UNTIL:	RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY:  EVELYN B. CASASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: E-1 17 18
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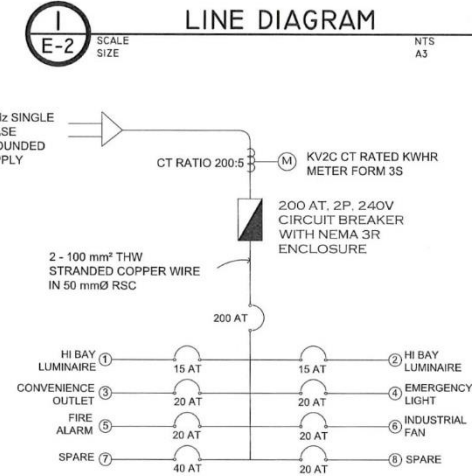
LOAD SCHEDULE

CIRCUIT NUMBER	DESCRIPTION OF LOAD	VA LOAD	CURRENT	CIRCUIT BREAKER			CONDUCTOR		CONDUIT	
				POLE	FRAME	TRIP	SIZE	TYPE	DIAMETER	TYPE
1	6 X 150W LED HI BAY LUMINAIRE	900	3.91	2	225	15 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
2	4 X 150W LED HI BAY LUMINAIRE	600	2.61	2	225	15 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
	2 X 100W LIGHT	200	0.86							
3	2-6 X 180W CONVENIENCE OUTLET	2,160	9.39	2	225	20 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
4	6 X 100W EMERGENCY LIGHT	600	2.61	2	225	20 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
5	1 X 200W FIRE ALARM BELL	200	0.96	2	225	20 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
	2 X 10W FIRE EXIT SIGN	20								
6	3 X 320W INDUSTRIAL FAN	960	4.17	2	225	20 A	2 - 3.5 mm ² & 1 - 3.5 mm ² (G)	THHN	20 mm	uPVC
7	1 X 5 kW SPARE CIRCUIT	5000	21.74	2	225	40 A	2 - 8.0 mm ² & 1 - 5.5 mm ² (G)	THHN	25 mm	uPVC
8	1 X 5 kW SPARE CIRCUIT	5000	21.74	2	225	40 A	2 - 8.0 mm ² & 1 - 5.5 mm ² (G)	THHN	25 mm	uPVC
TOTAL PHASE CURRENT		15,640	68							

COMPUTATION

TOTAL CONNECTED LOAD = 15,640 VA / 1000 = 15.64 kVA

$I_{FL} = 14.68 \text{ kVA} / (230 \text{ V}) = 68 \text{ X } 80\% \text{ DEMAND FACTOR} = 55 \text{ A}$
 USE 200 AT, 2P, 240V MOLDED CASE CIRCUIT BREAKER
 USE 2 - 8.0 mm² & 1 - 5.5 mm² THW STRANDED COPPER WIRE IN 32 mmØ RSC



- ELECTRICAL SPECIFICATIONS:**
- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
 - THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230 V AC, 60HZ.
 - WIRING METHOD SHALL BE AS FOLLOWS:
 - FEEDERS AND RISERS - RIGID STEEL CONDUIT
 - LIGHTING, POWER RECEPTACLE BRANCH CKT., AUXILIARY-POLYVINYL CHLORIDE CONDUIT
 - ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THIN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 MMØ TRADE/NOMINAL SIZE. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
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 - MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

A. LIGHT SWITCH	- 1.50 M ABOVE FINISH FLOOR
B. CONVENIENCE OUTLET	- 0.30 M ABOVE FINISH FLOOR
C. PANEL BOARD	- 1.80 M ABOVE FINISH FLOOR
D. FIRE ALARM STATION OUTLET	- 1.50 M ABOVE FINISH FLOOR
E. PUSH BUTTON OUTLET	- 1.20 M ABOVE FINISH FLOOR
F. FIRE ALARM AND VIBRATING BELL	- 0.30 M BELOW CEILING LINE
G. ABOVE THE COUNTER RECEPTACLE OUTLETS	- 0.25 M ABOVE THE COUNTER
H. ACCUS-TOUCHER OUTLETS	- 1.8M ABOVE FINISH FLOOR

- LEGEND :**
- 100W LED
 - 150W LED HI BAY LUMINAIRE
 - DUPLEX CONVENIENCE OUTLET
 - INDUSTRIAL FAN
 - EXHAUST FAN
 - EMERGENCY LIGHT
 - FIRE ALARM BELL & SWITCH
 - FIRE EXIT SIGN
 - PANELBOARD
 - CIRCUIT BREAKER
 - 3-GANG SWITCH
 - 2-GANG SWITCH
 - CIRCUIT HOMERUN
 - CIRCUIT RUN
 - FIRE EXTINGUISHER

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA/PCAF, DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN QUEZON CITY	PROJECT NAME/ LOCATION: ABACA PROCESSING CENTER UNDER HIBLA FARMING AGRICULTURAL WAREHOUSE JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT: AS SHOWN	DRAWN/PREPARED BY: ENGR. RAYAN L. ANN P. PERIA PROF. SANCHEZ AGRICULTURAL AND BIOSYSTEMS ENGINEER II REGISTERED PROFESSIONAL ENGINEER NOVEMBER 27, 2024	REVIEWED BY: ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II / HEAD, EPDSS PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER REGISTERED PROFESSIONAL ENGINEER NOVEMBER 27, 2024	RECOMMENDING APPROVAL: ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	APPROVED BY: EVEN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO: E-2 18 18
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STRIPPING SHED
PERSPECTIVE
 SCALE (A3) NTS

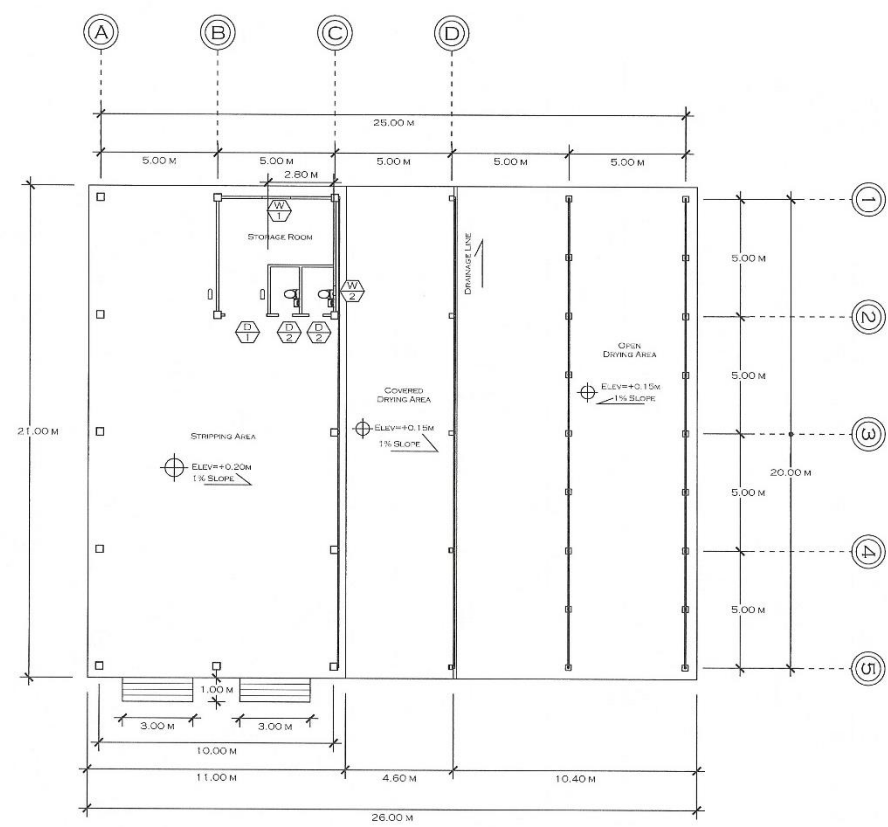
TABLE OF CONTENTS		REPUBLIC OF THE PHILIPPINES OFFICE OF THE BUILDING OFFICIAL
ARCHITECTURAL	A1 PERSPECTIVE TABLE OF CONTENTS	MUNICIPAL ENGINEER
	A2 GROUND FLOOR PLAN	
	A3 FRONT SIDE ELEVATION LEFT SIDE ELEVATION	
	A4 SECTION THRU "XX" BATHROOM DETAILS SCHEDULE OF DOORS AND WINDOWS	
STRUCTURAL	S1 FOUNDATION PLAN	ARCHITECTURAL
	S2 RAMP UP DETAILS BRICK TILE DETAILS	
	S3 ROOF BEAM DETAILS TIE BEAM DETAILS WALL FOOTING DETAILS COLUMN FOOTING DETAILS	
	S4 REFLECTED CEILING PLAN PERSPECTIVE VIEW (CEILING) CEILING SECTION CHANNEL SPOT DETAIL	
	S5 ROOF FRAMING PLAN	
	S6 TRUSS DETAILS	
	S7 GUTTER DETAILS FASCIA FRAME DETAILS EXTENDED COLUMN DETAILS	
	S8 DRYING AREA DETAILS HANGER FRAME DETAILS HANGER FRAME HOLDER DETAILS	
	S9 DRAINAGE DETAILS	
PLUMBING	P1 MANHOLE DETAILS	GENERAL NOTES: 1. ALL DIMENSIONS ARE IN METER, OR UNLESS OTHERWISE SPECIFIED. 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION. 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS BEFORE ALL WORKS BEGIN, OR DURING CONSTRUCTION. 4. ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION. 5. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED TO MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS. 6. PLAN IS SUBJECT TO ACTUAL VERIFICATION.
	P2 WATERLINE LAYOUT SEWER LINE	
ELECTRICAL	E1 ELECTRICAL SPECIFICATIONS AND LEGEND	
	E2 LIGHTING OUTLET LAYOUT CONVENIENCE OUTLET LAYOUT	
	E3 LOAD SCHEDULE COMPUTATION RISER DIAGRAM	

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	AS SHOWN	 ENGR. LIAM ROBERT A. LAGARTO <small>ENGINEER</small>	 ENGR. ROMY ALVIN D. DOMINGO <small>FIBER DEVELOPMENT DIVISION CHIEF/HEAD, EPSSS</small>	 ALMA MARIA K. SANTOS <small>CIC, INTERIM FIBER ENGINEERING DIVISION</small>	 EVELYN G. CAGASAN, MM <small>CIC, EXECUTIVE DIRECTOR</small>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;"> A1 </div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> 118 </div>
			<small>PROFESSION: AGRICULTURAL AND BIOPROCESSING ENGINEER REG. LICENSE # 00113977 EXP. DATE 11/20/24</small>	<small>PROFESSION: AGRICULTURAL AND BIOPROCESSING ENGINEER REG. LICENSE # 0002874 EXP. DATE</small>	<small>CIC, INTERIM FIBER ENGINEERING DIVISION</small>	<small>CIC, EXECUTIVE DIRECTOR</small>	

MUNICIPAL ENGINEER

ARCHITECTURAL

- GENERAL NOTES:
1. ALL DIMENSIONS ARE IN METER, OR UNLESS OTHERWISE SPECIFIED.
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STRIPPING SHED
GROUND FLOOR PLAN
SCALE: 1/31
1M:200M

SYMBOLS:

	DOOR NO.	DOOR SCHEDULE
	WINDOW NO.	WINDOW SCHEDULE
		FLOOR ELEVATION
		100MM THK CHB PLAIN CEMENT PLASTER PAINTED FINISH
		PROVISION FOR FIRE EXTINGUISHER

<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAIPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBANGA DEL SUR</p>	<p>AS SHOWN</p>	<p>DRAWN/PREPARED BY:</p> <p><i>Liam Sober A. Lagarto</i> ENGR. LIAM SOBER A. LAGARTO</p> <p>ENGINEER I</p> <p>PROFESSIONAL REGISTRATION NO. CO 11377 EXPIRES 11/07/26</p>	<p>REVIEWED BY:</p> <p><i>Romy D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO</p> <p>PPFR DEVELOPMENT DIVISION SPECIAL ENGINEER</p> <p>PROFESSIONAL REGISTRATION NO. CO 11377 EXPIRES 11/07/26</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:</p> <p><i>Evelyn B. Cagasan, MM</i> EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>	<p>A2</p> <p>2/18</p>	
			<p>OWNER</p>			<p>PROJECT TITLE/LOCATION</p>		<p>SHEET CONTENT</p>

MUNICIPAL ENGINEER

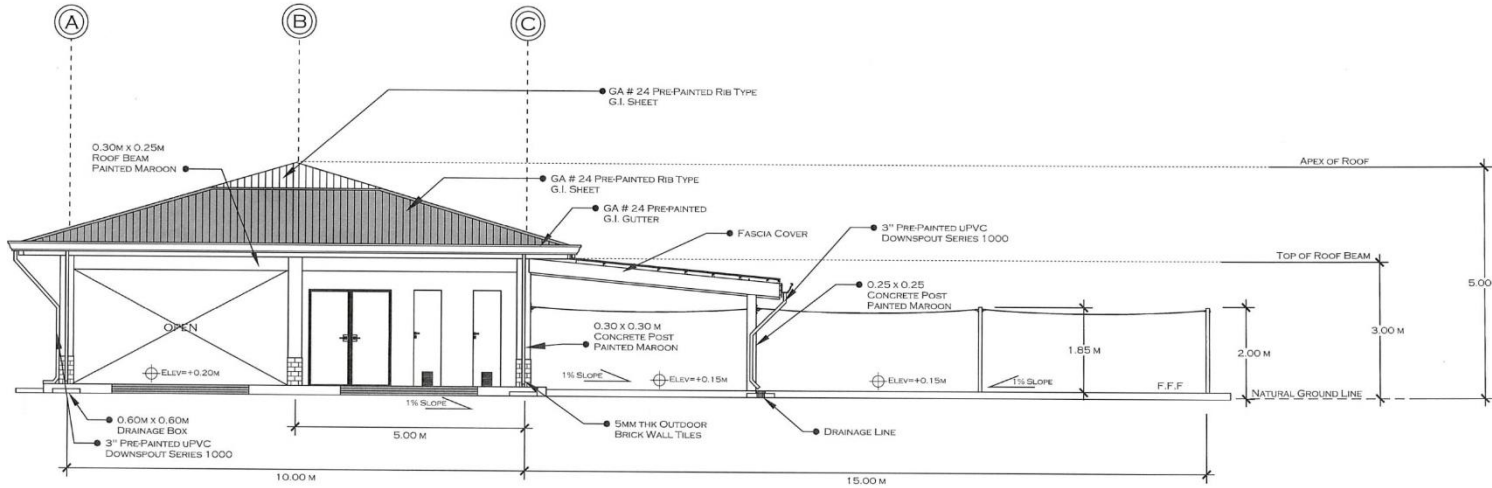
ARCHITECTURAL

GENERAL NOTES:

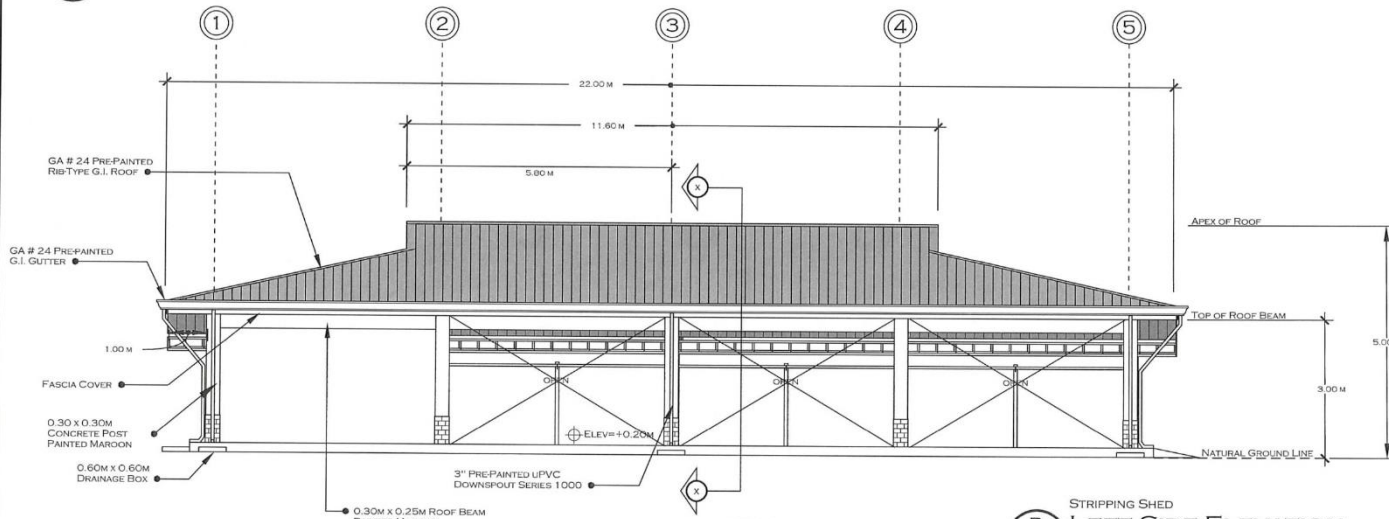
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6. PLAN IS SUBJECT TO ACTUAL VERIFICATION.

PAINTING WORKS:

1. THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED, CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS, WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.
2. PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. ALL EXPOSED IRON STEEL WORKS TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METALS SHALL RECEIVE A PRIME COAT(S). SNIP APPLIED IS POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED. ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT..



STRIPPING SHED
A
FRONT SIDE ELEVATION
SCALE (A3)
1:100M



STRIPPING SHED
B
LEFT SIDE ELEVATION
SCALE (A3)
1:100M

OWNER	PROJECT TITLE /LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p>ENGR. LIAM ROBER A. LAGARTO</p> <p>ENGINEER I</p> <p>PROFESSION: AGRICULTURAL AND BIOSYSTEMS ENGINEER REG. NO. 101-117 DATE: 11/27/24</p>	<p>ENGR. ROMY ALVIN D. DOMINGO</p> <p>FIBER DEVELOPMENT OFFICER I/HEAD, DIVISION</p> <p>PROFESSION: AGRICULTURE REG. NO. 101-117 DATE: 02/12/24</p>	<p>ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>
			<p>(A3) 3/18</p>			

MUNICIPAL ENGINEER

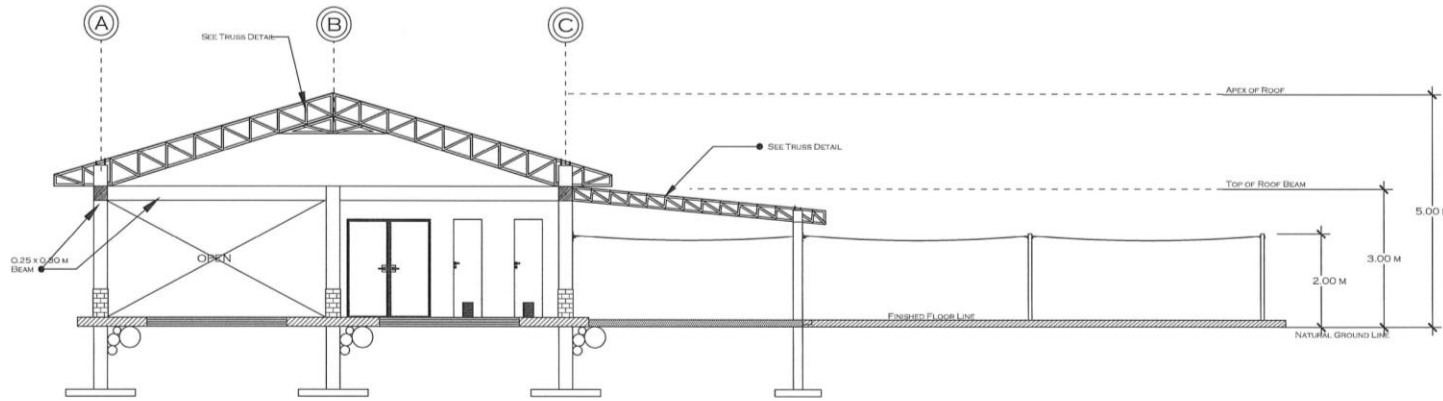
ARCHITECTURAL

GENERAL NOTES:

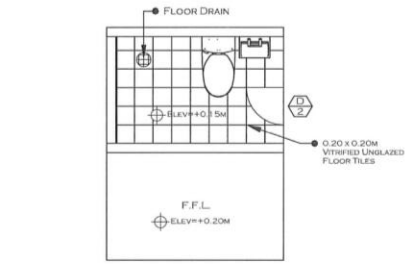
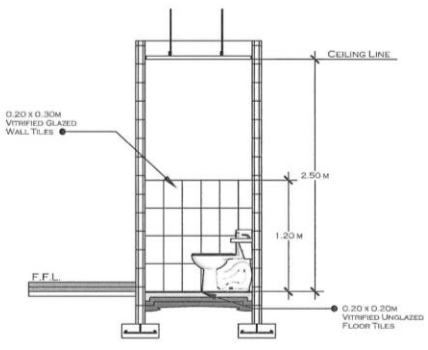
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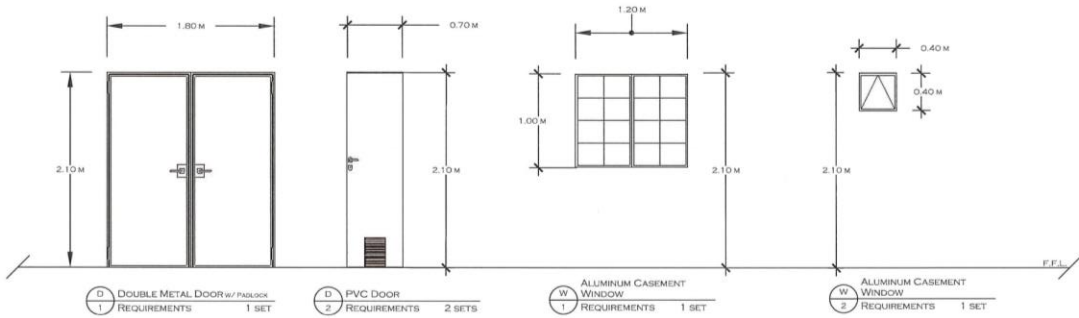
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STRIPPING SHED
SECTION THRU "XX"
SCALE (A3)
1:1/500



PINEAPPLE PROCESSING CENTER
BATHROOM DETAILS
SCALE (A3)
1:1/500



STRIPPING SHED
SCHEDULE OF DOORS AND WINDOWS
SCALE (A3)
1:1/500

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p><i>Liam R. Lagarto</i> ENGR. LIAM ROBERT A. LAGARTO ENGINEER I</p>	<p><i>Romy D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/HEAD, EPSS</p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn B. Cagasan</i> EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>A4 4/18</p>
			<p>PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REGISTRATION #: 00113377 SPECIALTY: 11/07/24</p>	<p>PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REGISTRATION #: 0007816 SPECIALTY:</p>	<p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>OIC, EXECUTIVE DIRECTOR</p>	

MUNICIPAL ENGINEER

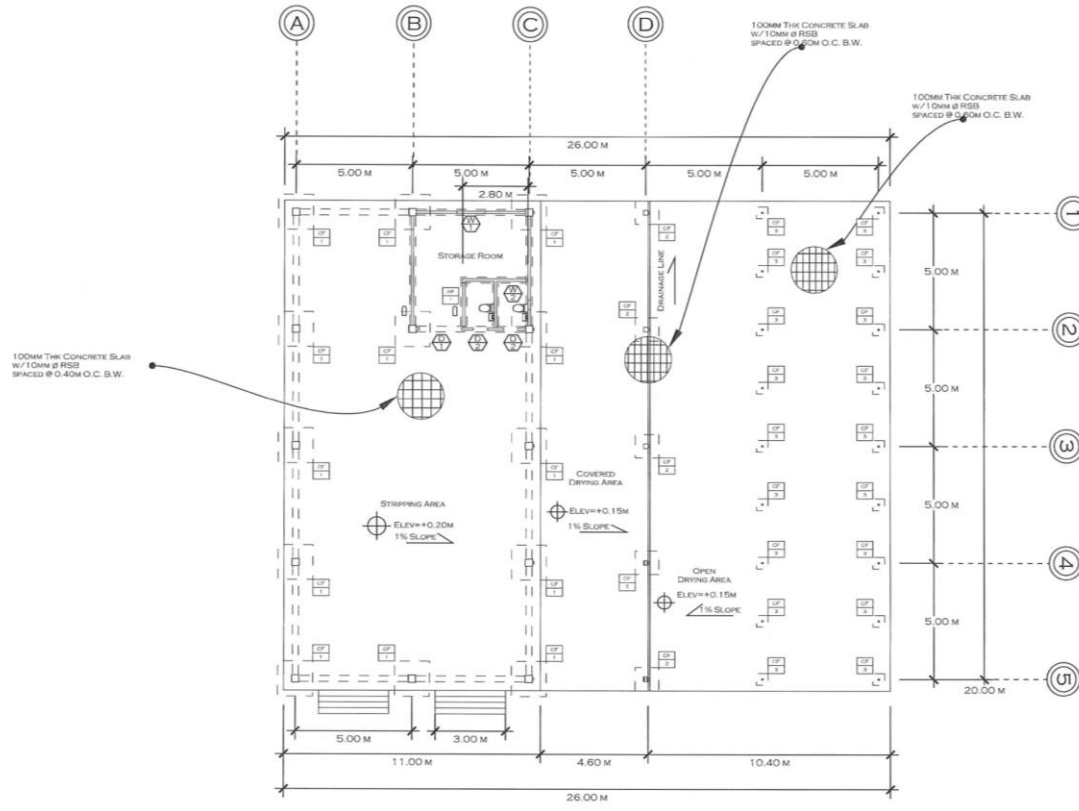
STRUCTURAL

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SYMBOLS:

	DOOR SCHEDULE
	WINDOW SCHEDULE
	FLOOR ELEVATION
	100MM THK CHB PLAIN CEMENT PLASTER PAINTED FINISH
	300 x 300 x 4000MM CONCRETE COLUMN W/ 150MM THK FOUNDATION
	250 x 250 x 3200MM CONCRETE COLUMN W/ 150MM THK FOUNDATION
	250 x 250 x 3000MM CONCRETE COLUMN
	100MM THK CHB WALL W/ 150MM THK FOUNDATION
	PROVISION FOR FIRE EXTINGUISHER



STRIPPING SHED
A
S
19
FOUNDATION PLAN
SCALE: 1/31
1:2000

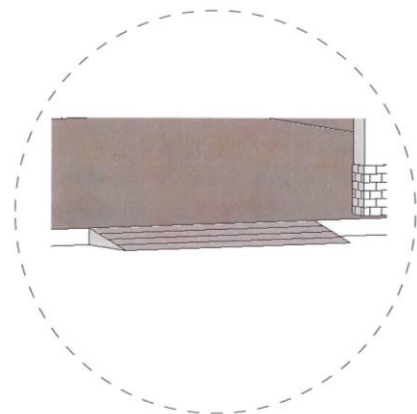
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			<p>PROFESSION: AGRICULTURE AND BIOTECHNOLOGY ENGINEER REGISTRATION # 2011338 EXPIRES 11/20/24 VALIDITY</p>	<p>PROFESSION: AGRICULTURE AND BIOTECHNOLOGY ENGINEER REGISTRATION # 0002514 EXPIRES 11/20/24 VALIDITY</p>			

MUNICIPAL ENGINEER

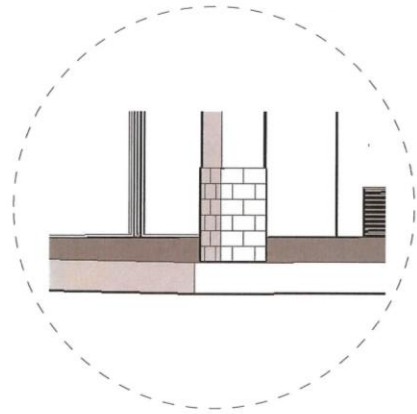
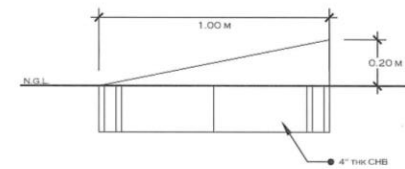
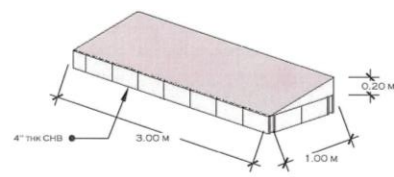
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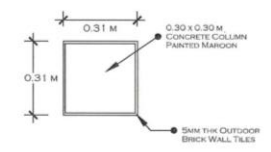
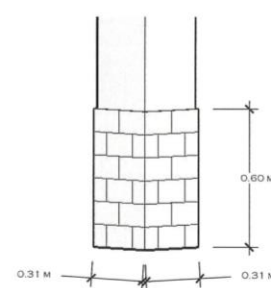
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STRIPPING SHED
A
RAMP UP DETAILS
SCALE (A3) NTS



STRIPPING SHED
B
BRICK TILE DETAILS
SCALE (A3) NTS



<p>OWNER</p>  <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAP-CAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROJECT TITLE/LOCATION</p> <p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>SHEET CONTENT</p> <p>AS SHOWN</p>	<p>DRAWN/PREPARED BY:</p> <p><i>Liam Robert A. Lagarto</i> ENGR. LIAM ROBERT A. LAGARTO</p> <p>ENGINEER I PROFESSION # 0011312 REGISTRATION # 1120724</p>	<p>REVIEWED BY:</p> <p><i>Romy Alvin D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO</p> <p>FIBER DEVELOPMENT OFFICER II/HEAD, EPSSS PROFESSION # 00012100 REGISTRATION # 1007874</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>APPROVED BY:</p> <p><i>Evelyn B. Cagasan, MM</i> EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>	<p>S2 618</p>
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MUNICIPAL ENGINEER

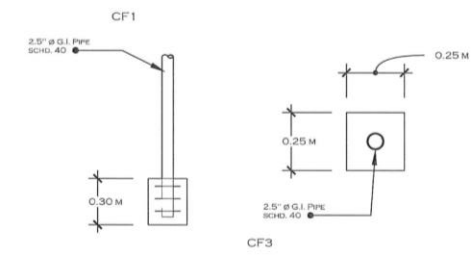
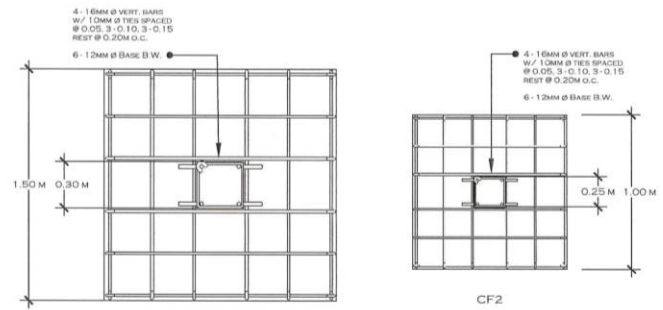
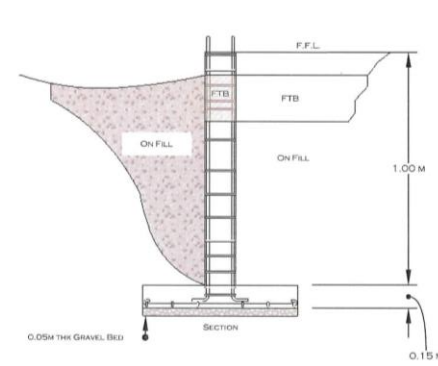
STRUCTURAL

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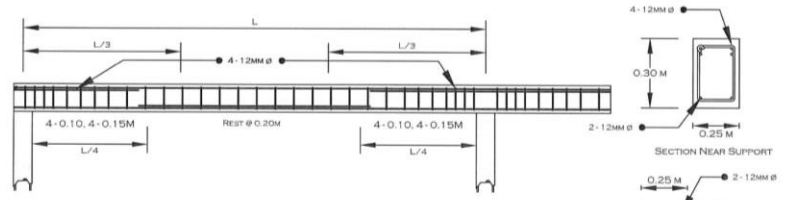
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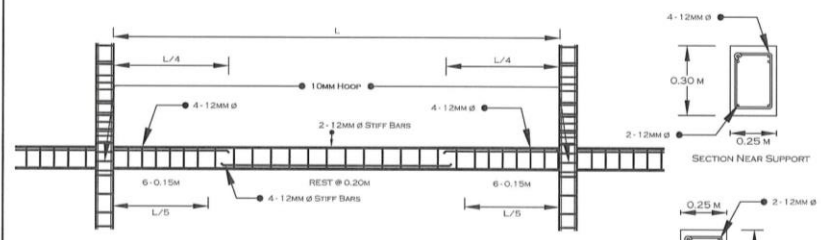
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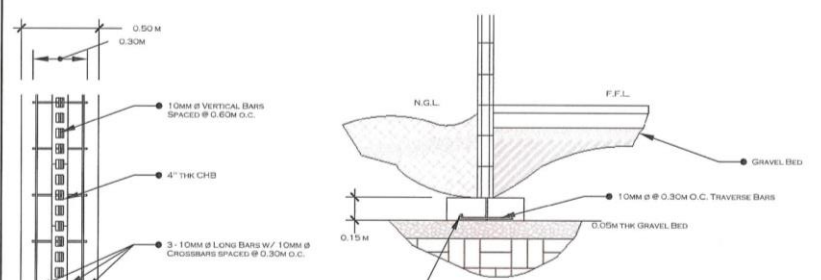
STRIPPING SHED
COLUMN FOOTING DETAILS
SCALE (A3)
NTS



STRIPPING SHED
ROOF BEAM DETAILS
SCALE (A3)
NTS



STRIPPING SHED
TIE BEAM DETAILS
SCALE (A3)
NTS



STRIPPING SHED
WALL FOOTING DETAILS
SCALE (A3)
NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
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			PROFESSION: AGRICULTURE AND FISHERIES ENGINEER REG. LICENSE # 0011327 EXPIRES: 11/27/24	PROFESSION: CIVIL ENGINEER REG. LICENSE # 0007874 EXPIRES: 01/27/24	OIC, INTERIM FIBER ENGINEERING DIVISION	OIC, EXECUTIVE DIRECTOR	

MUNICIPAL ENGINEER

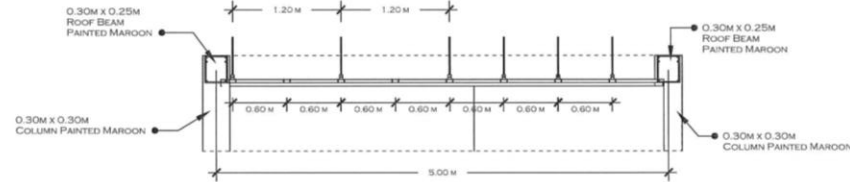
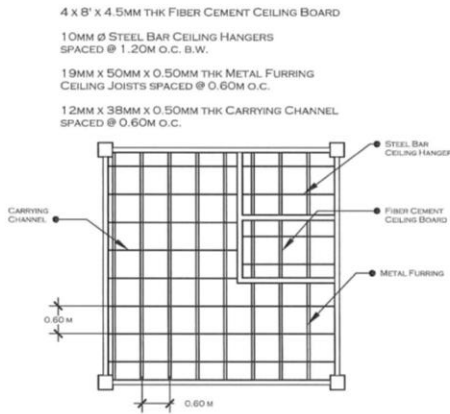
ARCHITECTURAL

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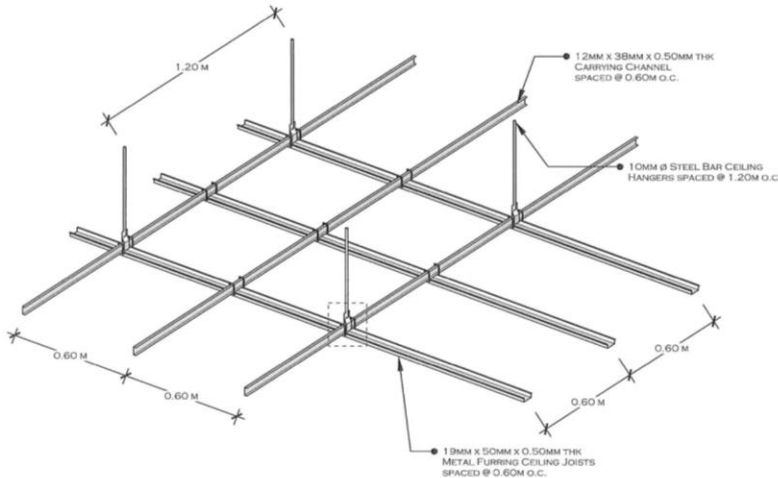
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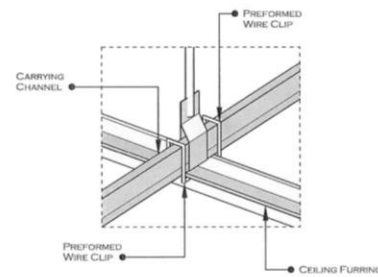


STRIPPING SHED
C CEILING SECTION
SCALE (A3) NTS

STRIPPING SHED
A REFLECTED CEILING PLAN
SCALE (A3) NTS



STRIPPING SHED
B PERSPECTIVE VIEW (CEILING)
SCALE (A3) NTS



STRIPPING SHED
D CHANNEL SPOT DETAIL
SCALE (A3) NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
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REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING
OFFICIAL

MUNICIPAL ENGINEER

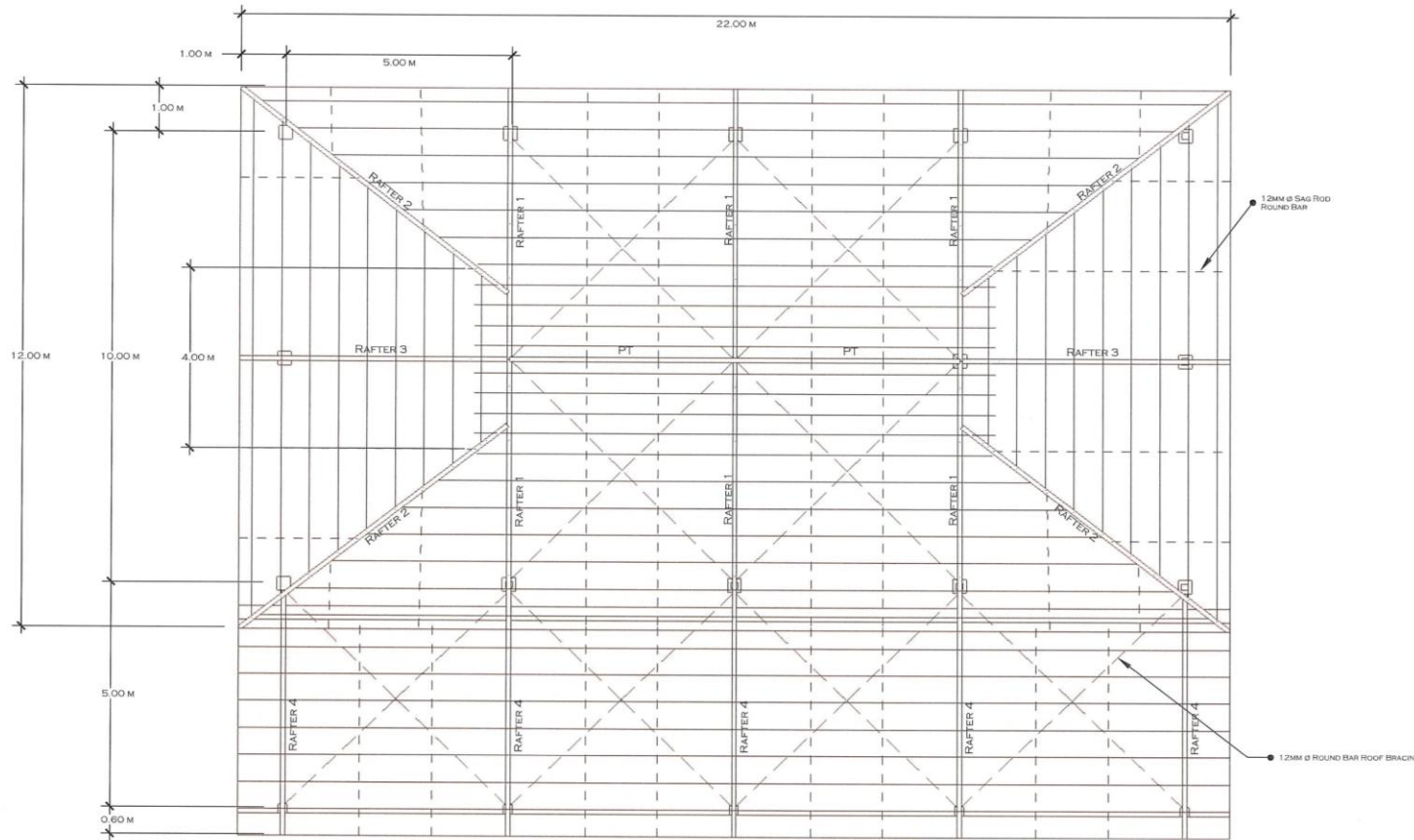
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NOTES:

C - PURLINS : 2" X 3" X 1.5MM THK SPACED @ 0.6M O.C. B.W.

STRIPPING SHED
ROOF FRAMING PLAN
SCALE (A3)
1:1/100M

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
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			<small>PROFESSOR - AGRICULTURAL AND RESOURCES ENGINEER REG. LICENSE # 0011977 EXPIRY 11/20/24</small>	<small>PROFESSOR - FIBER DEVELOPMENT & OFFICER IN CHARGE, EPDSE AGRICULTURE AND RESOURCES ENGINEER REG. LICENSE # 0007874 EXPIRY</small>			

MUNICIPAL ENGINEER

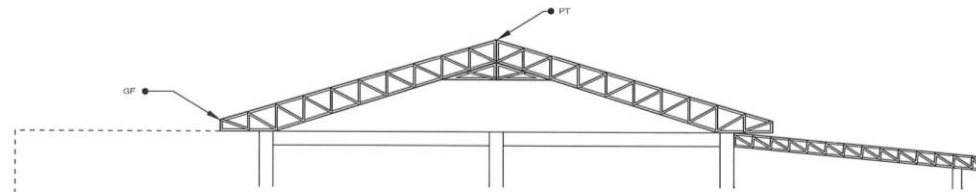
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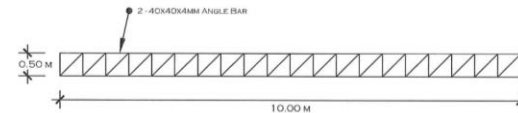
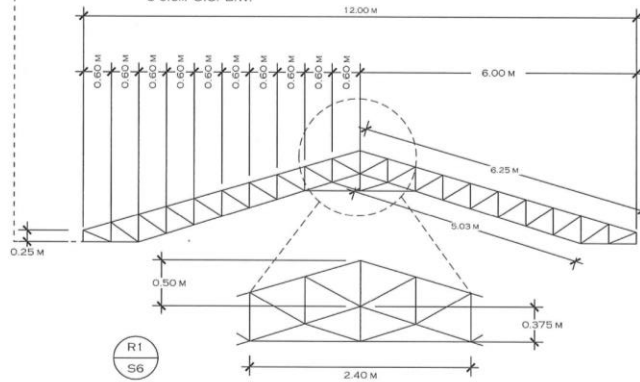
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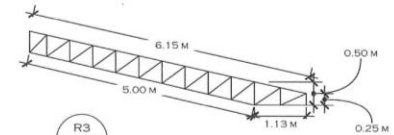
NOTES:

TOP & BOTTOM CHORD
WEB MEMBER
C-PURLINS

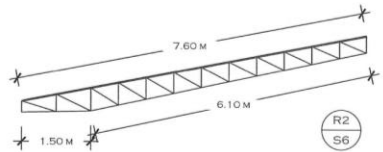
2 - 50x50x6MM ANGLE BAR
2 - 40x40x4MM ANGLE BAR
2"x3"x1.5MM THK SPACED
@ 0.6M O.C. B.W.



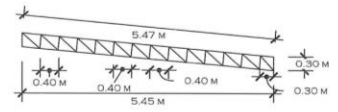
PT
S6



R3
S6



R2
S6



R4
S6

STRIPPING SHED
A TRUSS DETAILS
SCALE (A3) NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	 ENGR. LIAM ROBER A. LAGARTO <small>ENGINEER I</small>	 ENGR. ROMY ALVIN D. DOMINGO <small>FIBER DEVELOPMENT OFFICER II/HEAD, EPUSG</small>	 ALMA MARIA K. SANTOS <small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	 EVELYN B. SAGASAN, MM <small>OIC, EXECUTIVE DIRECTOR</small>	<p>S6 10 18</p>
			<small>PROFESSION</small> AGRICULTURAL AND BIOSYSTEMS ENGINEER <small>REG. NO.</small> 0911377 <small>EXPIRES</small> 11/07/24	<small>PROFESSION</small> AGRICULTURAL AND BIOSYSTEMS ENGINEER <small>REG. NO.</small> 00070724 <small>EXPIRES</small>	<small>PROFESSION</small> AGRICULTURAL AND BIOSYSTEMS ENGINEER <small>REG. NO.</small> 00070724 <small>EXPIRES</small>		

MUNICIPAL ENGINEER

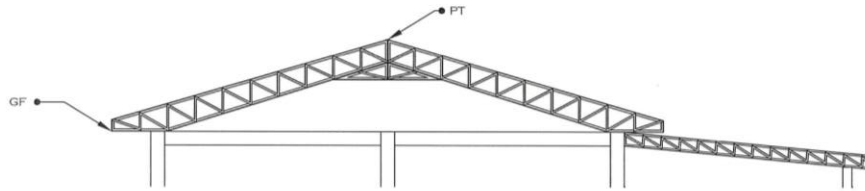
STRUCTURAL

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METER, OR UNLESS OTHERWISE SPECIFIED.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS BEFORE ALL WORKS BEGIN, OR DURING CONSTRUCTION.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.
5. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED TO MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
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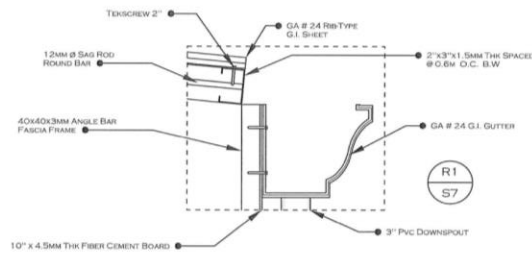
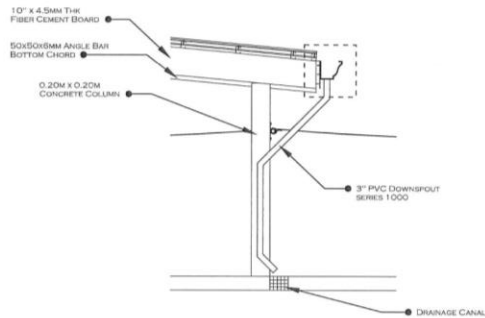
PAINTING WORKS:

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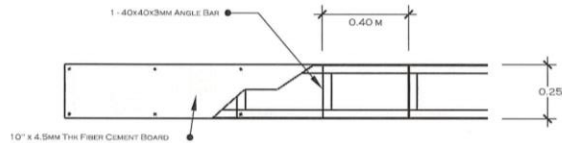


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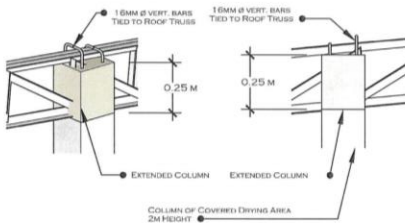
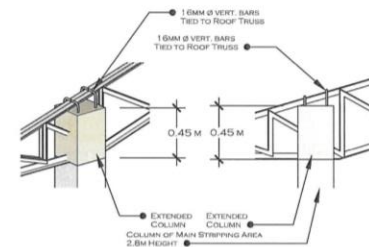
TOP & BOTTOM CHORD : 2 - 50X50X6MM ANGLE BAR
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STRIPPING SHED
A GUTTER DETAILS
SCALE (A3) NTS



STRIPPING SHED
B FASCIA FRAME DETAILS
SCALE (A3) NTS



STRIPPING SHED
C EXTENDED COLUMN DETAILS
SCALE (A3) NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p>ENGR. LIAM ROBER A. LAGARTO</p> <p>ENGINEER 1</p> <p>PROFESSION: AGRICULTURAL AND EQUIPPMENTS ENGINEER REG. LICENSE # 00113977 EXPIRES: 11/20/24</p>	<p>ENGR. ROMY MIN D. DOMINGO</p> <p>FIBER DEVELOPMENT OFFICER & HEAD, EPSSD</p> <p>PROFESSION: AGRICULTURAL AND EQUIPPMENTS ENGINEER REG. LICENSE # 0007874 EXPIRES: 11/20/24</p>	<p>ALMA MARIA K. SANTOS</p> <p>CIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM</p> <p>CIC, EXECUTIVE DIRECTOR</p>	<p>S7</p> <p>11/18</p>

MUNICIPAL ENGINEER

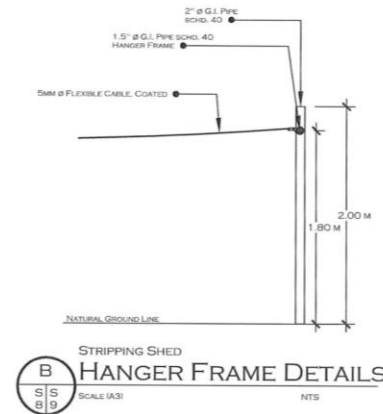
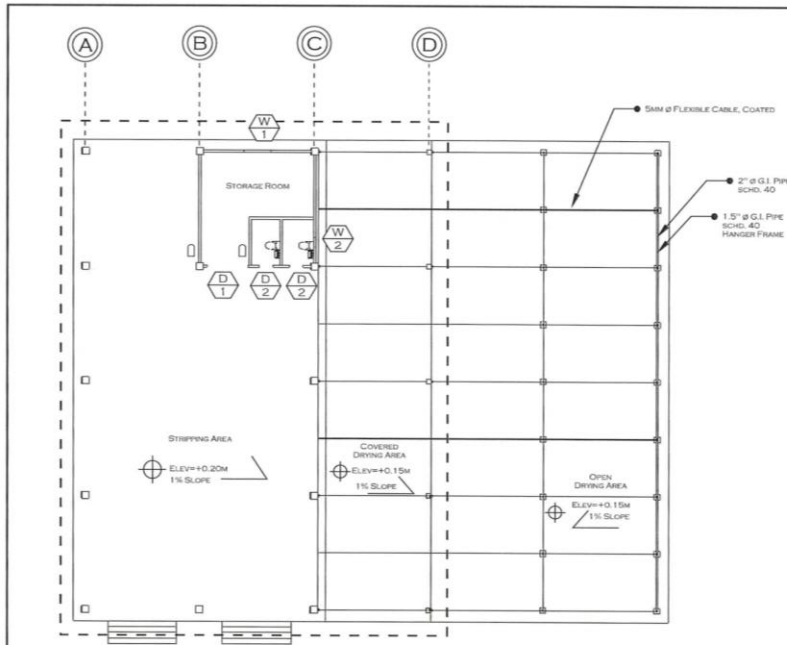
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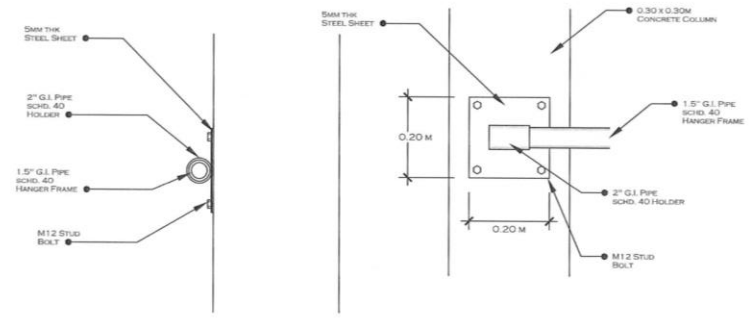
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A
STRIPPING SHED
DETAILS OF DRYING AREA
SCALE: (A3)
NTS

B
STRIPPING SHED
HANGER FRAME DETAILS
SCALE: (A3)
NTS

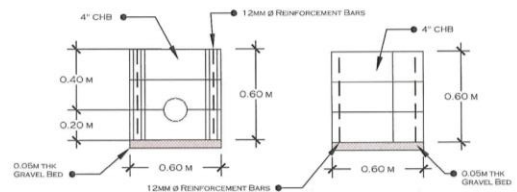
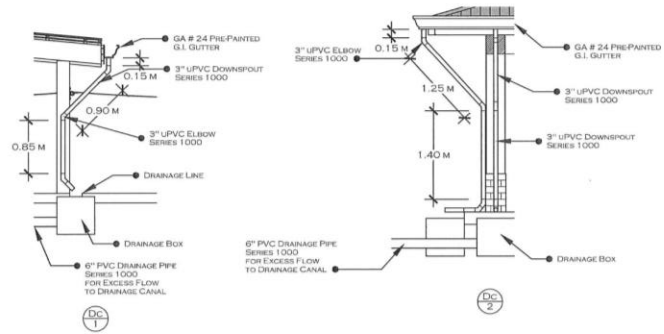
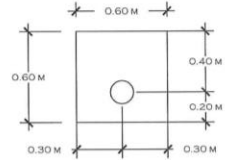
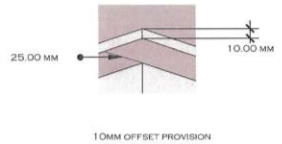
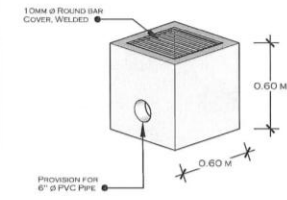
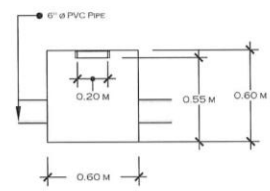
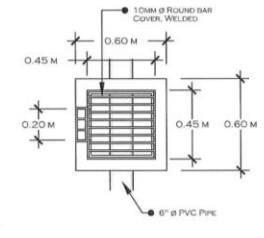
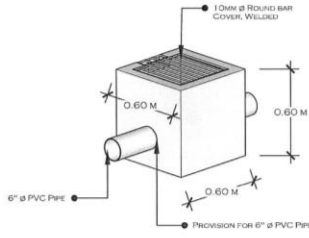
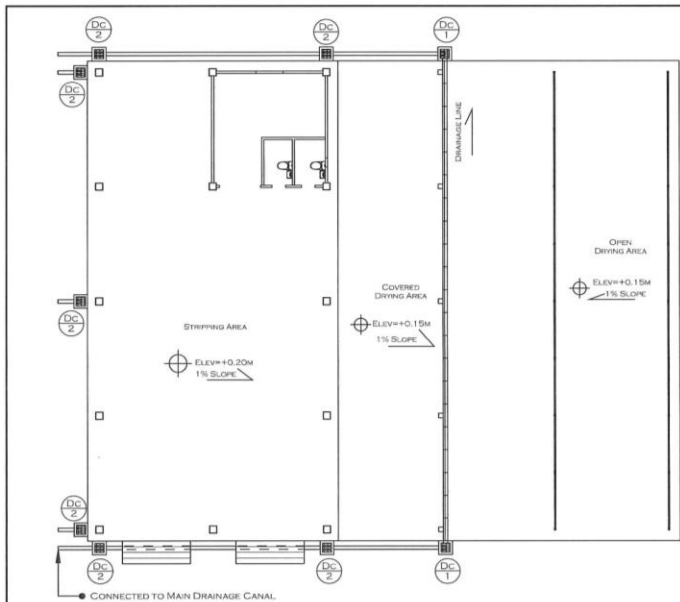


C
STRIPPING SHED
HANGER FRAME HOLDER DETAILS
SCALE: (A3)
NTS

SYMBOLS:

	DOOR SCHEDULE
	WINDOW SCHEDULE
	FLOOR ELEVATION
	100MM THK CHB PLAIN CEMENT PLASTER PAINTED FINISH
	PROVISION FOR FIRE EXTINGUISHER

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	 S8 12/18
 PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBANGA DEL SUR	AS SHOWN	 ENGR. LUM ROBER A. LAGARTO	 ENGR. ROMY ALVIN D. DOMINGO	 ALMA MARIA K. SANTOS	 EVELYN B. CAGASAN, MM	
			PROFESSIONAL ENGINEER AGRICULTURAL AND SOILS/IRRIGATION ENGINEER REG. LICENSE # 0011377 EXPIRES 11/2027/28	PROFESSIONAL ENGINEER FIBER DEVELOPMENT OFFICER II/HEAD, EPPSS REG. LICENSE # 001757 EXPIRES 11/2027/28	OIC, INTERIM FIBER ENGINEERING DIVISION	OIC, EXECUTIVE DIRECTOR	



STRIPPING SHED
A DRAINAGE DETAILS
 SCALE: (S3)
 NTS

REPUBLIC OF THE PHILIPPINES
 OFFICE OF THE BUILDING
 OFFICIAL

MUNICIPAL ENGINEER

STRUCTURAL

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 5. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED TO MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
 6. ALL DRAINAGE CANAL SHALL HAVE OPEN BOTTOM TO FACILITATE NATURAL WATER DRAINAGE.
 7. DRAINAGE LINE IN OPEN DRYING AREA SHALL HAVE A SLOPE TO FACILITATE EASY WATER FLOW TO EITHER CANAL (DC 1).
 8. PLAN IS SUBJECT TO ACTUAL VERIFICATION.

- PAINTING WORKS:
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OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	AS SHOWN	 ENGR. LIAM ROBERT A. LAGARTO <small>ENGINEER I</small>	 ENGR. ROMY ALVIN D. DOMINGO <small>FIBER DEVELOPMENT OFFICER I/HEAD, EXPRESS</small>	 ALMA MARIA K. SANTOS <small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	 EVELYN B. LAGASAN, MM <small>OIC, EXECUTIVE DIRECTOR</small>	
			<small>PROFESSION: AGRICULTURE AND BIOSYSTEMS ENGINEER REG. LICENSE # 0011377 VALIDITY 11/20/24</small>	<small>PROFESSION: AGRICULTURE AND BIOSYSTEMS ENGINEER REG. LICENSE # 0007872 VALIDITY</small>	<small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	<small>OIC, EXECUTIVE DIRECTOR</small>	

MUNICIPAL ENGINEER

PLUMBING

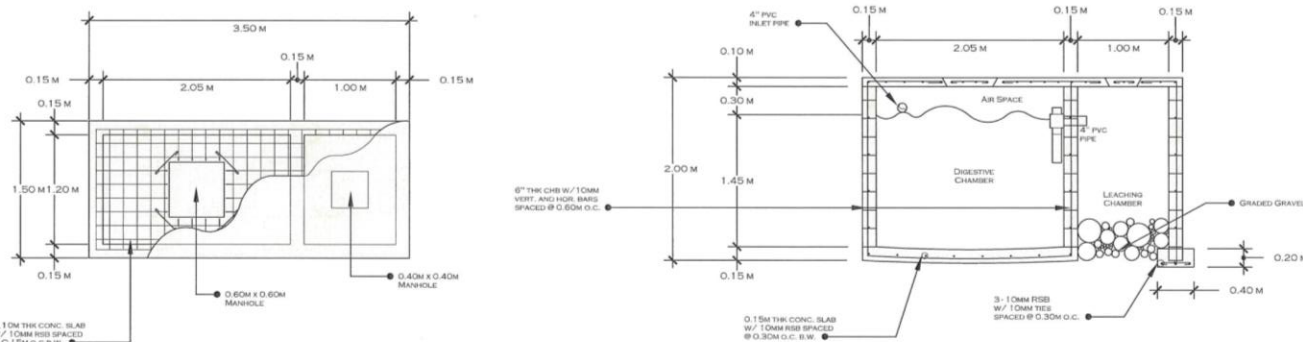
PLUMBING SPECIFICATIONS

1. ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
2. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED MASTER PLUMBER OR A PLUMBING ENGINEER.
3. ALL PLUMBING PIPES AND FITTINGS, FOR WATER AND SEWER LINES, SHALL BE PVC AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT.
4. PIPE SIZES FOR WATER LINES SHALL BE: 12.5MM (1/2"). FOR DISTRIBUTION LINES, USE HEAVY DUTY GATE VALVES, FAUCETS, BIDETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
5. PIPE SIZES FOR SEWER LINES SHALL BE: 75MM (3") FOR SOIL STACK; 50MM (2") FOR SOIL BRANCHES. USE PVC PIPES AND FITTINGS, NELTEX OR ITS APPROVED EQUIVALENT.

LEGEND:

WC	WATER CLOSET		-----	GATE VALVE
FD	FLOOR DRAIN		-----	WATER METER
F	FAUCET		-----	REDUCER
VTR	VENT THROUGH ROOF			
CO	WALL CLEAN OUT			
LAV	LAVATORY			
SV	SCEPTIC VAULT			
-----	SANITARY LINE			
-----	FRESH WATER LINE			

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 2. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED PLUMBING ENGINEER OR A MASTER PLUMBER.
 3. COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION, THE ENGINEER SHALL BE NOTICED IMMEDIATELY IF ANY DISCREPANCY FOUND THEREIN.
 4. PIPES SHALL BE INSTALLED AS INDICATED AND ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ENGINEER.
 5. PROVIDE SANITARY UTILITIES SHALL, CONFORMED TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURES.
 6. ALL FIXTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED.
 7. RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT UNIFORM OF NOT LESS THAN TWO (2) PERCENT (2%).
 8. NO DOUBLE HUBS, DOUBLE TEE BRANCH SHALL BE USED ON HORIZONTAL SOIL, WASTE LINE, THE CIRCLING OR TAPPING OF HOUSE DRAIN WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED.
 9. PROVIDE PIPE SLEEVES AT WALL'S COLUMN SLAB, ONE SLAB ONE BIGGER THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE.
 10. CLEAN OUT ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
 - A. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22 AND 1/2 DEGREE.
 - B. 1.5 METER INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
 - C. EVERY 150MM DIAMETER IN HORIZONTAL RUN PIPE.
 - D. AT THE END OF THE HORIZONTAL PIPE.
 11. A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
 12. ALL PLUMBING PIPES AND FITTINGS, FOR WATER AND SEWER LINES, SHALL BE PVC AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT.
 13. PIPE SIZES FOR WATER LINES SHALL BE: 12.5MM (1/2") FOR DISTRIBUTION LINES. USE HEAVY DUTY GATE VALVES, FAUCETS, BIDETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
 14. PIPE SIZES FOR SEWER LINES SHALL BE: 75MM (3") FOR SOIL STACK, 50MM (2") FOR SOIL BRANCHES.
 15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT THE APPROVAL SHALL CONSIDER RESPONSIBILITY OF THE DESIGNER/ENGINEER TO CEASE A WHOLE.
 16. NO PIPING WORK, FITTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY MANS BEFORE THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
 17. ALL WORK SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 1377B AND SHALL BE LEAK TIGHT.
 18. UNLESS OTHERWISE NOTED AND SPECIFIED, USE NELTEX BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT.



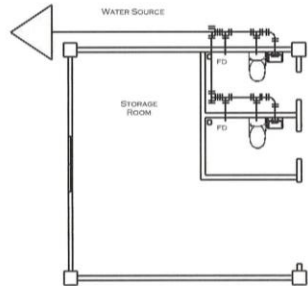
STRIPPING SHED
A
MANHOLE DETAILS
SCALE: 1/32" = 1'-0"
NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
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			PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REG. NO.: 0011937 EXPIRES: 11/2024	PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REG. NO.: 0027873 EXPIRES:			

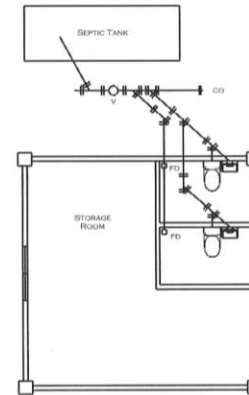
MUNICIPAL ENGINEER

PLUMBING

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 10. CLEAN OUT ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
 - A. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22 AND 75 DEGREES.
 - B. 1.5 METER INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
 - C. EVERY 150MM DIAMETER IN HORIZONTAL RUN PIPE.
 - D. AT THE END OF THE HORIZONTAL PIPE.
 11. A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
 12. ALL PLUMBING PIPES AND FITTINGS FOR WATER AND SEWER LINES SHALL BE P.V.C. AND SHALL BE PROPERLY SEALED WITH SOLVENT CEMENT.
 13. PIPE SIZES FOR WATER LINES SHALL BE: Ø 12.5MM (½") FOR DISTRIBUTION LINES, LINE HEAVY GATE VALVES, FAUCETS, BIBETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
 14. PIPE SIZES FOR SEWER LINES SHALL BE: Ø 75MM (3") FOR SOIL STACK, Ø 50MM (2") FOR SOIL BRANCHES.
 15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT THE APPROVAL SHALL COLLECT RESPONSIBILITY OF THE DESIGNER/ENGINEER TO CLEAR A WHOLE.
 16. NO PIPING WORK FUTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY MANS BEFORE THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
 17. ALL WORK SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 137B AND SHALL BE LEAK TIGHT.
 18. UNLESS OTHERWISE NOTED AND SPECIFIED, USE MILLET BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT.



STRIPPING SHED
A WATERLINE LAYOUT
SCALE (A3) 1M:100M



STRIPPING SHED
B SEWER LINE
SCALE (A3) 1M:100M

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p><i>Roberto A. Lagarto</i> ENGR. LIM ROBERT A. LAGARTO ENGINEER I</p>	<p><i>Romy Alvin D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT ENGINEER I/HEAD, EPDSS</p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn B. Cagasan, MM</i> EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>P2 15 18</p>
			<p>PROFESSION: AGRICULTURAL AND SUBSISTEM ENGINEER EMP. LICENSE # 0511373 EXPIRES: 11/2077/4</p>	<p>PROFESSION: AGRICULTURAL AND SUBSISTEM ENGINEER EMP. LICENSE # 0057074 EXPIRES: 11/2077/4</p>			

ELECTRICAL SPECIFICATIONS AND LEGEND

1
E1

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING
OFFICIAL

MUNICIPAL ENGINEER

ELECTRICAL

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISOR OF A DULY REGISTERED ELECTRICAL ENGINEER.

2. THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2 WIRE + GROUND 230 V AC, 60HZ.

3. WIRING METHOD SHALL BE AS FOLLOWS:

- A. FEEDERS & RISERS - RIGID STEEL CONDUIT
- B. LIGHTING, POWER RECEPTACLE BRANCH CKT., AUXILLARY - POLYVINYL CHLORIDE CONDUIT

4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15MM² TRADE/NOMINAL SIZE. LIKEWISE, ALL ELECTRICAL WIRES SHALL BE COLOR CODED.

5. ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.

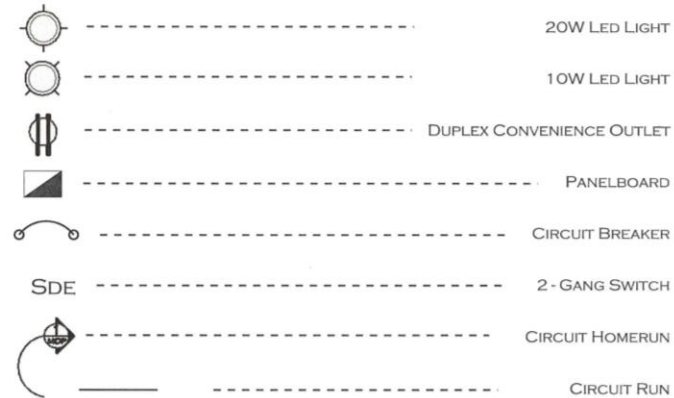
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.

7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.

8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

- A. LIGHT SWITCH = 1.20 M ABOVE FINISHED FLOOR LINE
- B. CONVENIENCE OUTLET = 0.30 M ABOVE FINISHED FLOOR LINE
- C. PANEL BOARD = 1.80 M ABOVE FINISHED FLOOR LINE
- D. FIRE ALARM STATION OUTLET = 1.50 M ABOVE FINISHED FLOOR LINE
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LEGEND:



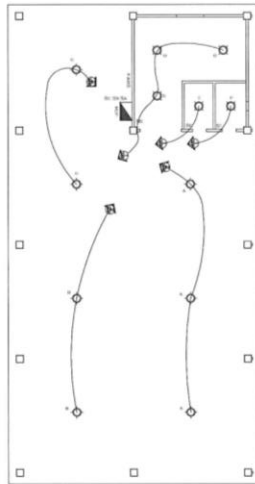
OWNER	PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT	AS SHOWN	DRAWN/PREPARED BY:	ENGR. LIAM ROBERT A. LAGARTO <small>PROFESSION: AGRICULTURAL AND PROCESSING ENGINEER REG. LICENSE # 0011977 EXPIRES: 11/07/28</small>	REVIEWED BY:	ENGR. ROMY ALVIN D. DOMINGO <small>PROFESSION: AGRICULTURAL AND PROCESSING ENGINEER REG. LICENSE # 0007874 EXPIRES:</small>	RECOMMENDING APPROVAL:	ALMA MARIA K. SANTOS <small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	APPROVED BY:	EVELYN B. AGASAN, MM <small>OIC, EXECUTIVE DIRECTOR</small>	E1 16 18
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MUNICIPAL ENGINEER

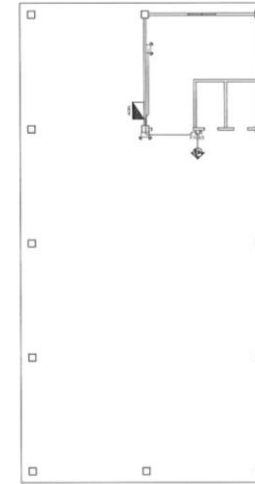
ELECTRICAL

ELECTRICAL WORKS:

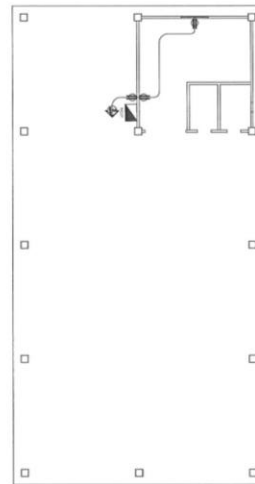
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A STRIPPING SHED
LIGHTING OUTLET LAYOUT
SCALE: (A3) 1M:200M



C STRIPPING SHED
EMERGENCY LIGHT LAYOUT
SCALE: (A3) 1M:200M



B STRIPPING SHED
CONVENIENCE OUTLET LAYOUT
SCALE: (A3) 1M:200M

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	 <p>ENGR. LIAM ROBER A. LAGARTO</p>	 <p>ENGR. ROMY A. D. DOMINGO</p>	 <p>ALMA MARIA K. SANTOS</p>	 <p>EVELYN B. CAGASAN, MM</p>	<p>E2</p> <p>17 18</p>
			<p>ENGINEER I</p> <p>PROFESSION: AGRICULTURAL AND BIOPROCESS ENGINEER REG. LICENSE # 2011377 EX. DATE: 11/07/24</p>	<p>FIBER DEVELOPMENT OFFICER II/HEAD, EPOSS</p> <p>PROFESSION: AGRICULTURAL AND BIOPROCESS ENGINEER REG. LICENSE # 20017874 EX. DATE:</p>	<p>CH. INTERIM FIBER ENGINEERING DIVISION</p>	<p>CH. EXECUTIVE DIRECTOR</p>	

MUNICIPAL ENGINEER

ELECTRICAL

LOAD SCHEDULE

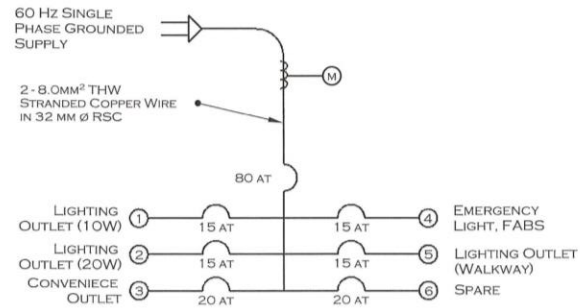
TYPE OF SERVICE: 230V, 3 WIRES 60 HZ SINGLE PHASE FEEDER CONDUCTOR 2 - 8.0MM ² & 1 - 5.5MM ² THW STRANDED WIRE IN 32 MM Ø RSC										
CIRCUIT NUMBER	DESCRIPTION OF LOAD	VA LOAD	CURRENT	CIRCUIT BREAKER			CONDUCTOR		CONDUIT	
				POLE	FRAME	TRIP	SIZE	TYPE	DIAMETER	TYPE
1	5 x 10W LIGHT	50	0.22	2	50	15 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	13MM	UPVC
2	7 x 20W LIGHT	140	0.61	2	50	15 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	13MM	UPVC
3	2-3 x 180W CONVENIENCE OUTLET	1080	4.70	2	50	20 A	2 - 3.5MM ² & 1 - 3.5MM ²	THHN	20MM	UPVC
4	2 x 2-3W LED EMERGENCY LIGHT	12	0.06	2	50	15 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	13MM	UPVC
5	8 x 20W LIGHT	160	0.70	2	50	15 A	2 - 3.5MM ² & 1 - 3.5MM ²	THHN	13MM	UPVC
6	2-8 x 180W CONVENIENCE OUTLET (SPARE)	2880	12.52	2	50	20 A	2 - 3.5MM ² & 1 - 3.5MM ²	THHN	20MM	UPVC
TOTAL PHASE CURRENT		4322	18.79							

COMPUTATION

$$I_T = 4.322 \text{ kVA} / (230 \text{ V}) = 18.79 \text{ A} \times 80\% \text{ DEMAND FACTOR} = 15.032 \text{ A}$$

2-8.0MM² & 1-5.5MM² THW STRANDED WIRE IN 32 MM Ø RSC

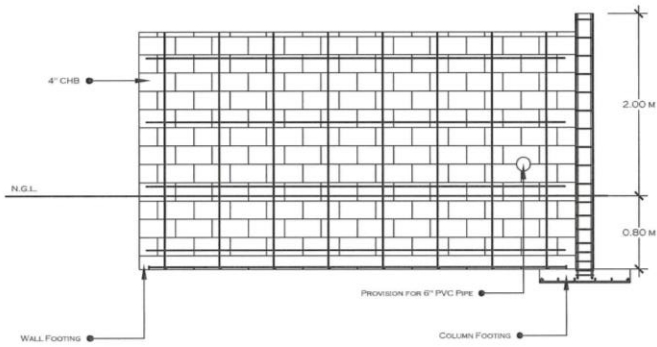
1 ELECTRICAL SPECIFICATIONS E3 LINE DIAGRAM



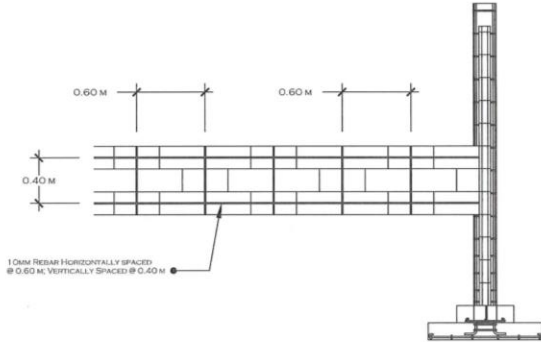
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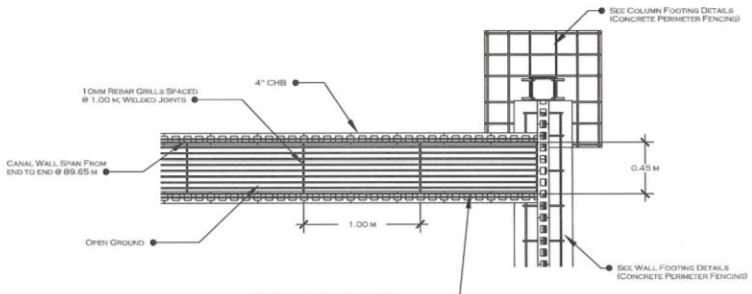
OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DARCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBONGA DEL SUR</p>	AS SHOWN	<p>ENGR. LIAM ROBER A. LAGARTO</p> <p>ENGINEER I</p> <p>PROFESSION # 0011377 REG. DATE 11/20/24</p>	<p>ENGR. ROMY A. D. DOMINGO</p> <p>FIBER DEVELOPMENT ENGINEER I/HEAD, EPPDS</p> <p>PROFESSION # 0010724 REG. DATE 05/20/24</p>	<p>ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>	<p>E3</p> <p>18/18</p>



1A DRAINAGE LINE DETAILS
SECTION THRU "XX"
SCALE (A3) NTS



2A DRAINAGE LINE DETAILS
SECTION THRU "YY"
SCALE (A3) NTS



3A DRAINAGE LINE DETAILS
TOP VIEW
SCALE (A3) NTS

A ABACA PROCESSING CENTER
DRAINAGE LINE DETAILS
SCALE (A3) NTS

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OFFICE OF THE BUILDING
OFFICIAL

MUNICIPAL ENGINEER

STRUCTURAL

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			<small>PROFESSION: AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. NO. 001-1377 EXPIRY: 11/27/23</small>	<small>PROFESSION: AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. NO. 000706 EXPIRY: 12/01/23</small>	<small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	<small>OIC, EXECUTIVE DIRECTOR</small>	

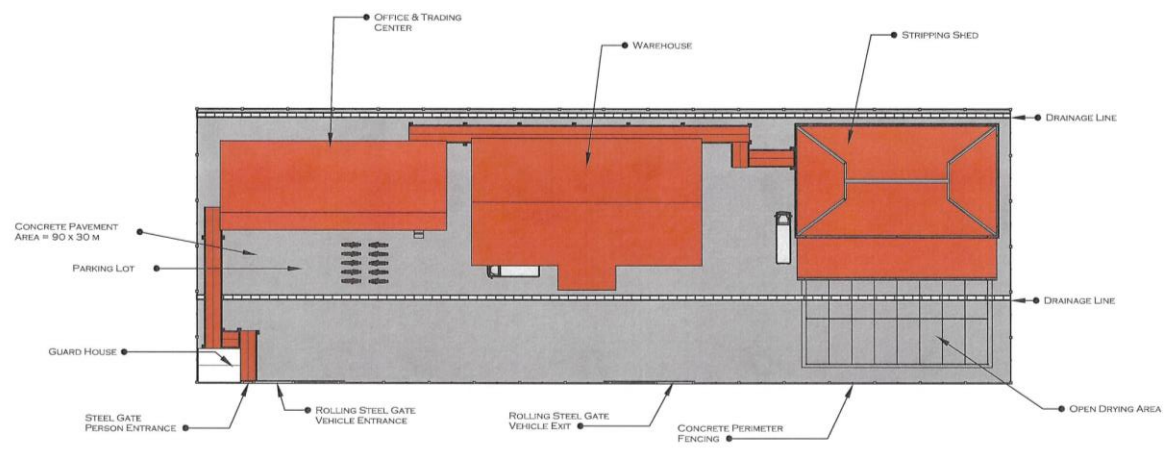
REPUBLIC OF THE PHILIPPINES
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MUNICIPAL ENGINEER

ARCHITECTURAL

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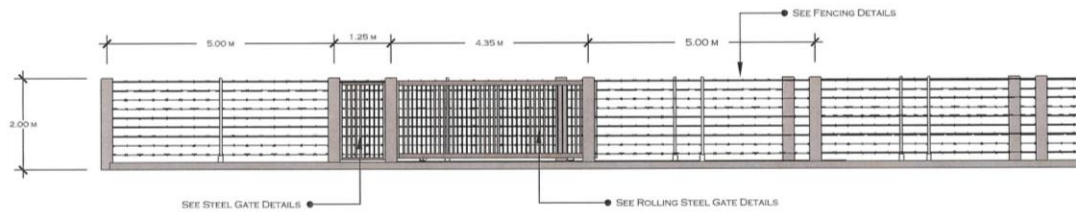


CONCRETE PERIMETER FENCING
A
TOP VIEW
SCALE (A3)
NTS

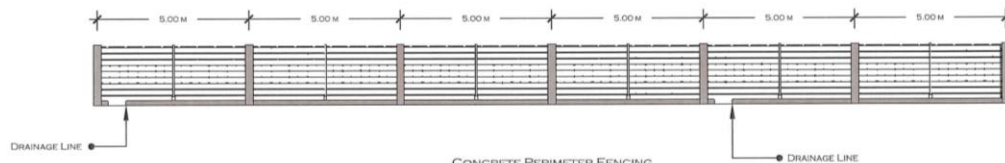


CONCRETE PERIMETER FENCING
B
FRONT ELEVATION
SCALE (A3)
NTS

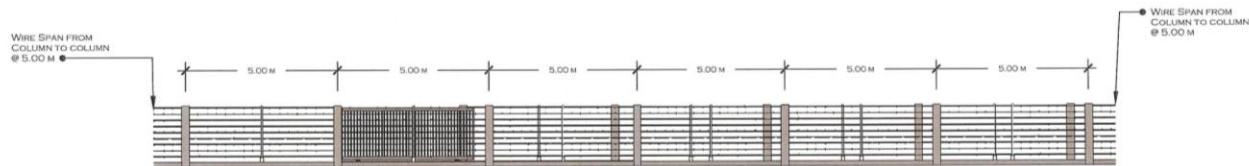
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CONCRETE PERIMETER FENCING
A
 FRONT ELEVATION
 SCALE (A3) NTS



CONCRETE PERIMETER FENCING
B
 SIDE ELEVATION
 SCALE (A3) NTS



CONCRETE PERIMETER FENCING
C
 REAR ELEVATION
 SCALE (A3) NTS

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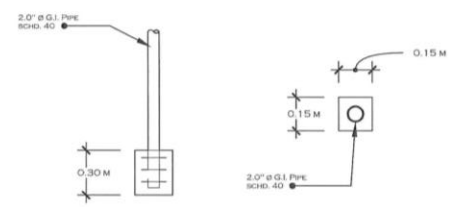
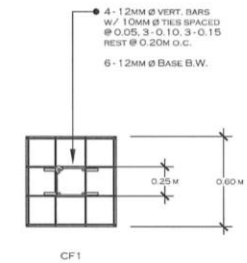
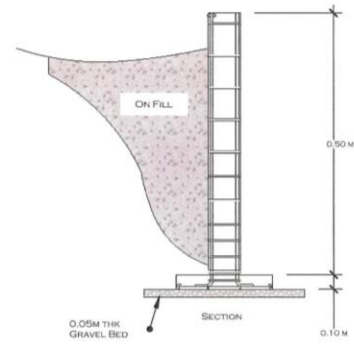
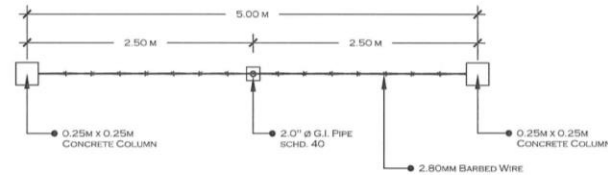
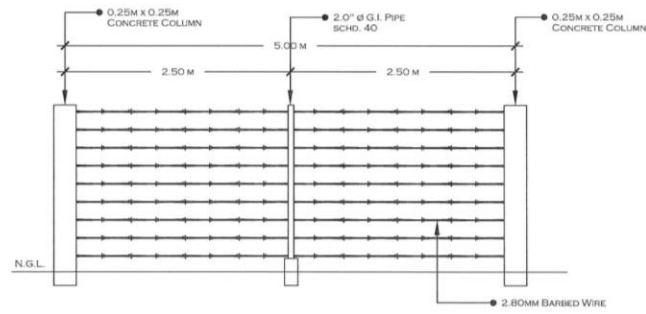
OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	AS SHOWN	 ENGR. LIAM ROBER A. LAGARTO <small>ENGINEER I PROFESSIONAL AGRICULTURAL AND FORESTRY ENGINEER REG. LICENSE # 001332 REG. DATE 11/27/24</small>	 ENGR. ROMY ANN D. DOMINGO <small>FIBER DEVELOPMENT OFFICER II/HEAD, EPOSS PROFESSIONAL AGRICULTURAL AND FORESTRY ENGINEER REG. LICENSE # 000782 REG. DATE 11/27/24</small>	 ALMA MARIA K. SANTOS <small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	 EVELYN B. CAGASAN, MM <small>OIC, EXECUTIVE DIRECTOR</small>	
			<small>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</small>				

MUNICIPAL ENGINEER

STRUCTURAL

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CONCRETE PERIMETER FENCING
A
FENCING DETAILS
SCALE (A3)
1:50M

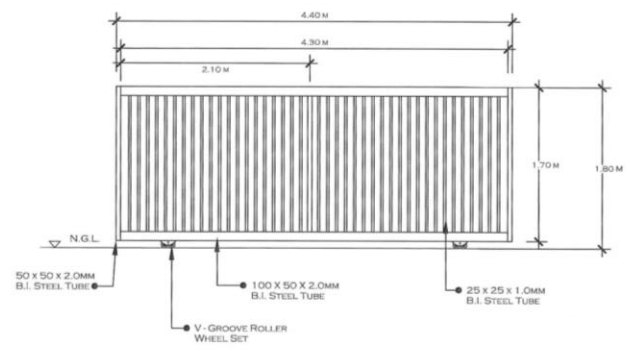
CONCRETE PERIMETER FENCING
B
COLUMN FOOTING DETAILS
SCALE (A3)
NTS

OWNER	PROJECT TITLE / LOCATION	SHEET CONTENT	DRAWN / PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAFICAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p><i>Liam Roberto A. Lagarto</i> ENGR. LIAM ROBERTO A. LAGARTO ENGINEER I PROFESSION: AGRICULTURE AND RECREATION ENGINEER REG. NO. 8811797 EXPIRES: 11/27/24</p>	<p><i>Romy Alvin D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER II/HEAD, EPDSS PROFESSION: AGRICULTURE AND RECREATION ENGINEER REG. NO. 8811797 EXPIRES: 11/27/24</p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn S. Cagasan, MM</i> EVELYN S. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>S1 36</p>

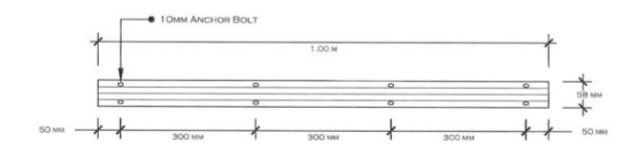
MUNICIPAL ENGINEER

STRUCTURAL

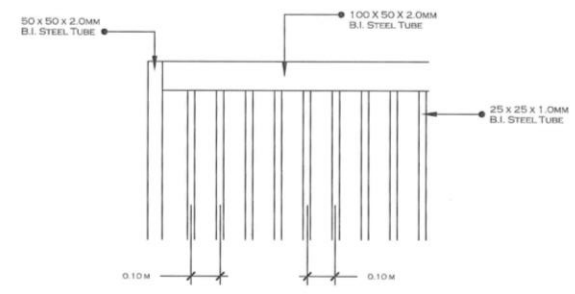
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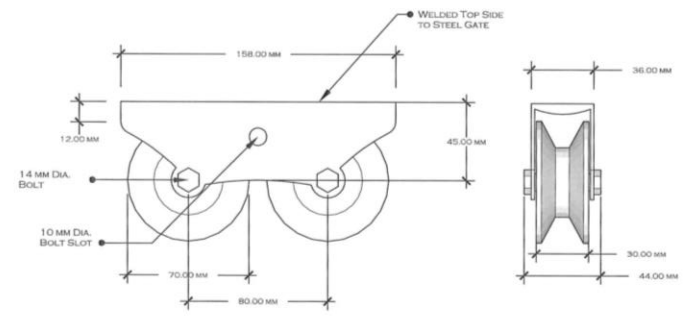
ROLLING STEEL GATE
A
FRONT ELEVATION
SCALE (A3)
1:100M



ROLLING STEEL GATE
C
V-GROOVE TRACK DETAILS
SCALE (A3)
NTS



ROLLING STEEL GATE
B
SPOT DETAIL
SCALE (A3)
NTS



ROLLING STEEL GATE
D
V-GROOVE WHEEL DETAILS
SCALE (A3)
NTS

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			<p>PROFESSION: AGRICULTURE AND MECHANICAL ENGINEERING PRAISE NO: 0011377 EXPIRES: 11/20/24</p>	<p>PROFESSION: AGRICULTURE AND MECHANICAL ENGINEERING PRAISE NO: 0007874 EXPIRES: 11/20/24</p>	<p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>OIC, EXECUTIVE DIRECTOR</p>	

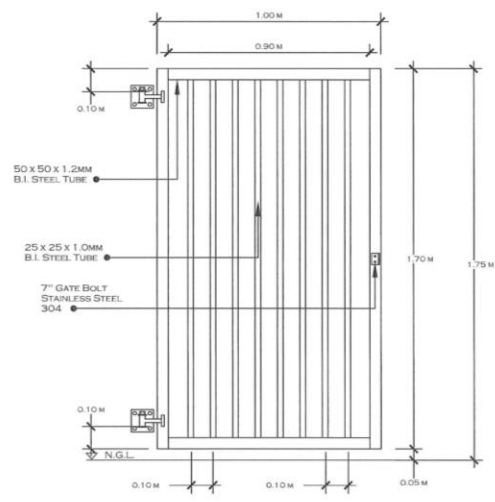
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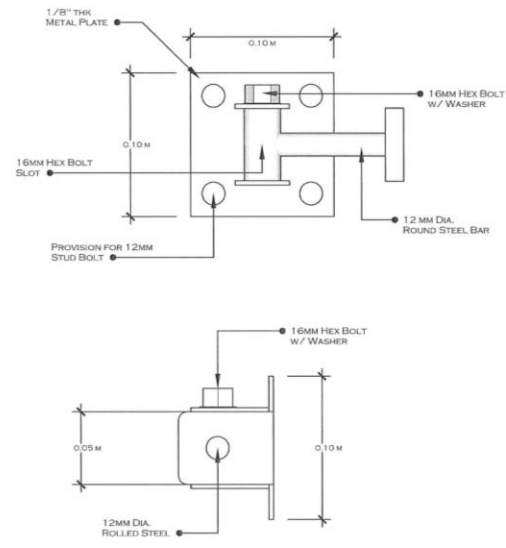
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STEEL GATE
A
REAR SIDE VIEW
SCALE (AS)
1:20M



STEEL GATE
B
HINGE DETAILS
SCALE (AS)
NTS

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<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p><i>LAGARTO</i> ENGR. LIAM ROBER A. LAGARTO (ENGINEER)</p>	<p><i>DOMINGO</i> ENGR. ROMY ALVIN D. DOMINGO (FIBER DEVELOPMENT OFFICER II/HEAD, EPPS)</p>	<p><i>SANTOS</i> ALMA MARIA K. SANTOS</p>	<p><i>CAGASAN</i> EVELYN B. CAGASAN, MM</p>	<p>S3 5/6</p>
			<p>PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REGISTRATION # 0011837 EXPIRES: 11/27/24</p>	<p>PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REGISTRATION # 0007912 EXPIRES: 11/27/24</p>	<p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>OIC, EXECUTIVE DIRECTOR</p>	

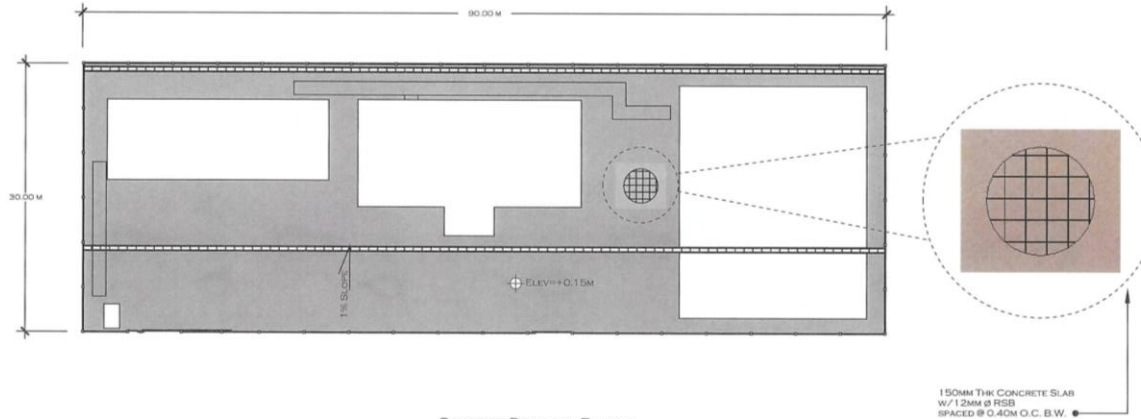
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STRUCTURAL

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CONCRETE PERIMETER FENCING
CONCRETE PAVEMENT DETAILS
SCALE: (A3) NTS

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<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p><i>Engr. R. A. Lagarto</i> ENGR. ROBER A. LAGARTO ENGINEER I</p>	<p><i>Engr. Romy A. Domingo</i> ENGR. ROMY A. DOMINGO FIBER DEVELOPMENT CENTER ATTACHED OFFICE</p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn J. Cagasan, MM</i> EVELYN J. CAGASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>S4 66</p>
			<p>PROFESSIONAL: MUNICIPAL AND REGIONAL ENGINEER REG. LICENSE # : 0011377 EXPIRES : 11/27/24</p>	<p>PROFESSIONAL: CIVIL ENGINEER REG. LICENSE # : 0007874 EXPIRES :</p>			

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ARCHITECTURAL

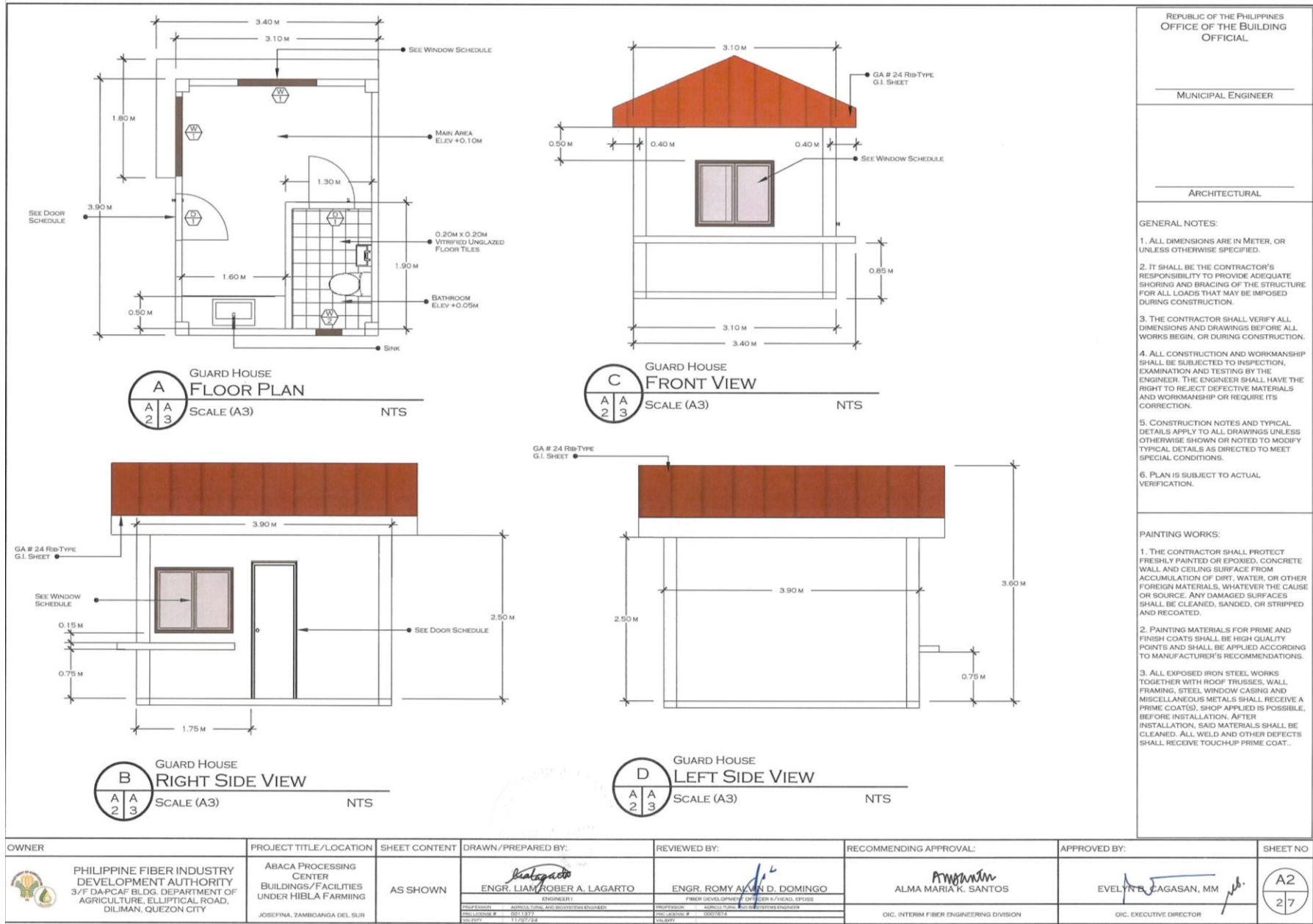
GENERAL NOTES:

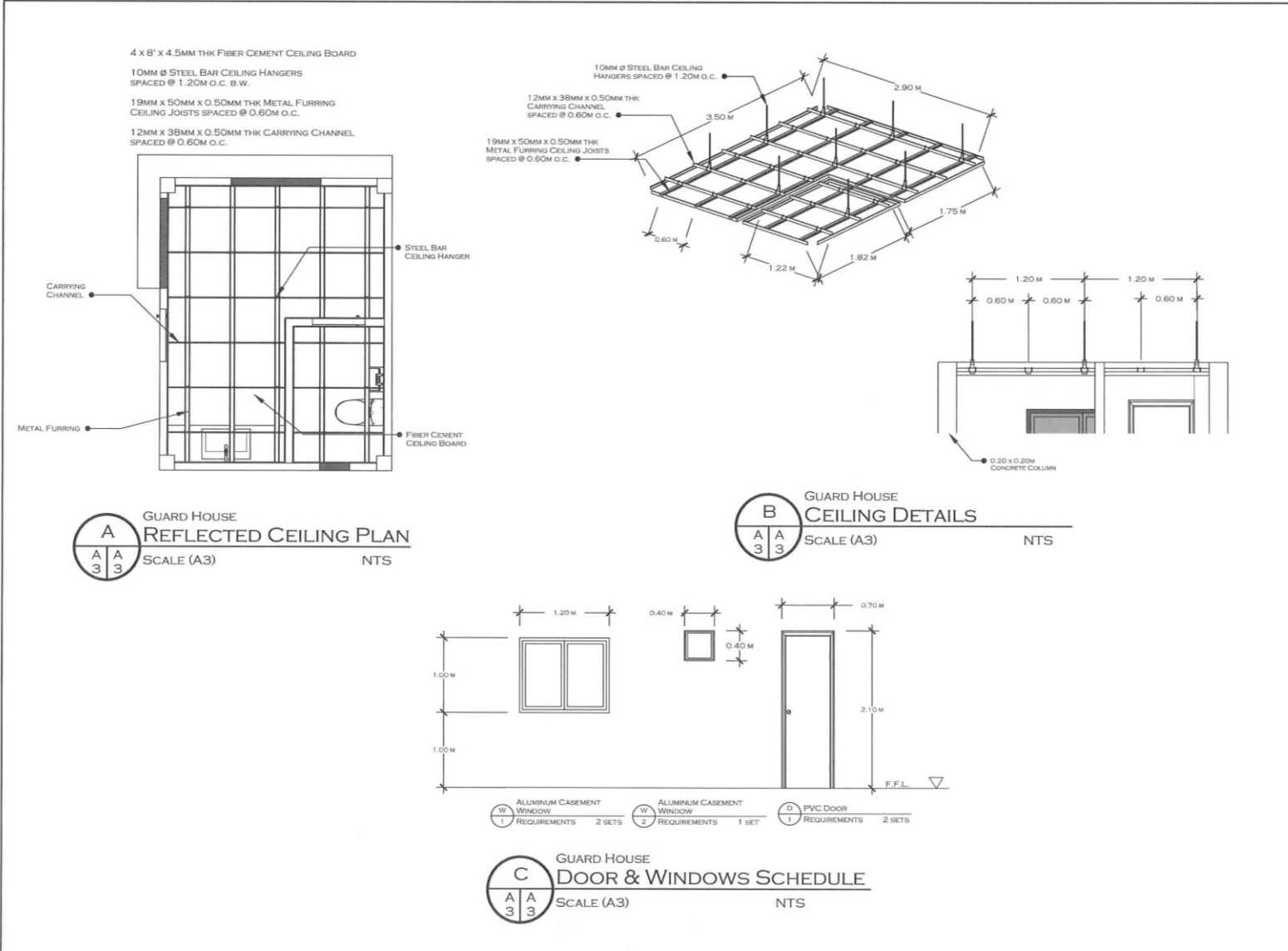
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GUARD HOUSE
PERSPECTIVE
SCALE (A3) NTS

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<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DA-PCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p>ENGR. LIM ROBER A. LAGARTO</p>	<p>ENGR. ROMY ALVIN D. DOMINGO</p>	<p>ALMA MARIA K. SANTOS</p>	<p>EVELYN B. CAGASAN, MM</p>	
			<p>PROFESSION: AGRICULTURAL AND INDUSTRY ENGINEER REG. LICENSE # 0511377 EXPIRY: 11/2027/24</p>	<p>PROFESSION: SURVEYING AND SYSTEMS ENGINEER REG. LICENSE # 1007874 EXPIRY: 11/2027/24</p>	<p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>OIC, EXECUTIVE DIRECTOR</p>	





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- PAINTING WORKS:
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 2. PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 3. ALL EXPOSED IRON STEEL WORKS TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METALS SHALL RECEIVE A PRIME COAT(S). SHOP APPLIED IS POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED. ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT..

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			<small>PROFESSION</small> ARCHITECTURAL AND INDUSTRIAL ENGINEER <small>REG. NO.</small> 0511377 <small>EXPIRES</small> 11/25/24 <small>VALIDITY</small> 11/25/24	<small>PROFESSION</small> ARCHITECTURAL AND INDUSTRIAL ENGINEER <small>REG. NO.</small> 0007025 <small>EXPIRES</small> 11/25/24 <small>VALIDITY</small> 11/25/24	<small>OFFICE</small> C/O, INTERIM FIBER ENGINEERING DIVISION	<small>OFFICE</small> C/O, EXECUTIVE DIRECTOR	

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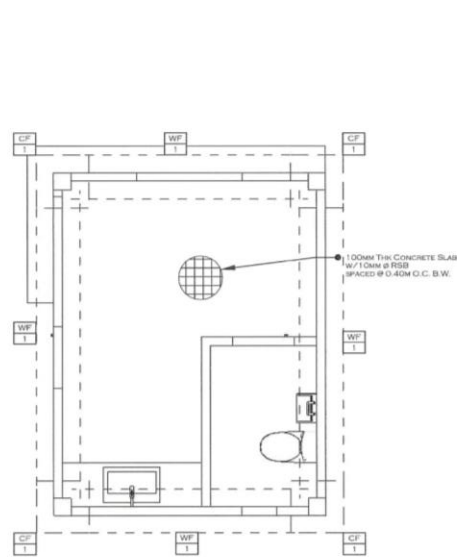
STRUCTURAL

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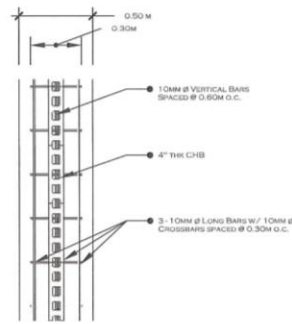
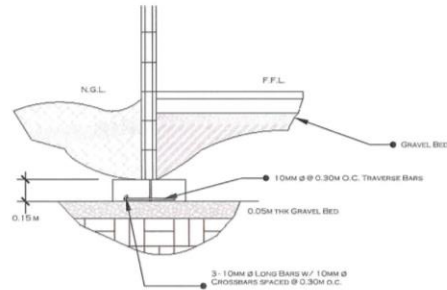
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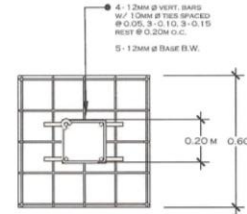
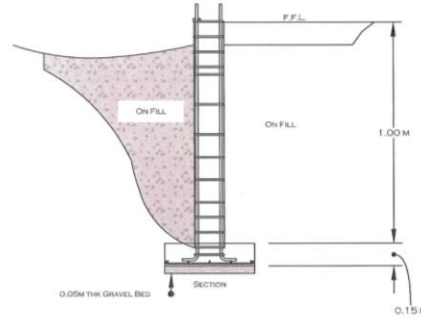
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A
S 1 2
GUARD HOUSE
FOUNDATION PLAN
SCALE (A3) NTS



B
S 1 2
GUARD HOUSE
WALL FOOTING DETAILS
SCALE (A3) NTS



C
S 1 2
GUARD HOUSE
COLUMN FOOTING DETAILS
SCALE (A3) NTS

SYMBOLS:	
	300 x 300 x 3000MM CONCRETE COLUMN W/ 150MM THK FOUNDATION
	100MM THK CHE WALL W/ 100MM THK FOUNDATION

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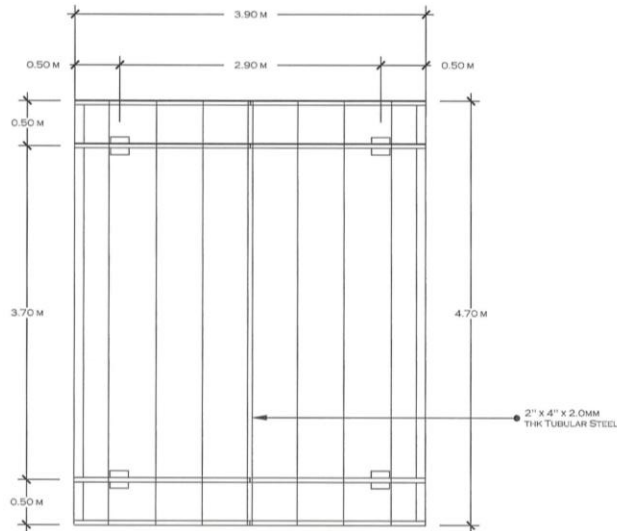
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PAINTING WORKS:

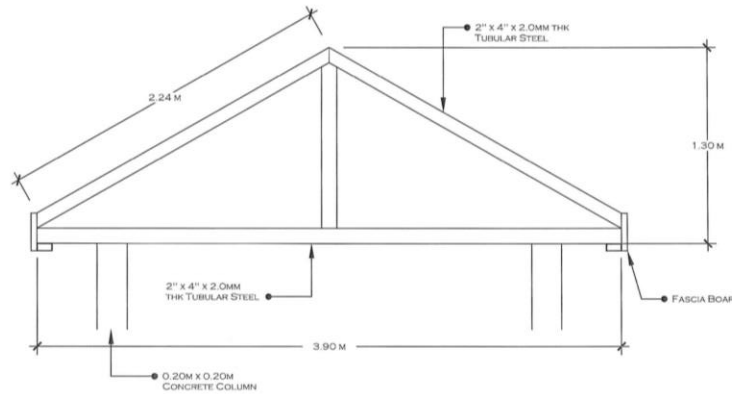
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3. ALL EXPOSED IRON STEEL WORKS TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METALS SHALL RECEIVE A PRIME COAT(S), SHOP APPLIED IF POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED. ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT.



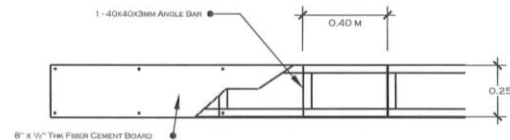
A GUARD HOUSE
ROOF FRAMING PLAN
SCALE (A3)
1/4"

NOTES:

- C - PURLINS
 - TOP & BOTTOM CHORD
 - WEB MEMBER
- 2" x 3" x 1.5MM THK SPACED @ 0.3M O.C. B.W.
2" x 4" x 2.0MM THK TUBULAR STEEL
2" x 4" x 2.0MM THK TUBULAR STEEL



B GUARD HOUSE
TRUSS DETAILS
SCALE (A3)
NTS



C GUARD HOUSE
FASCIA FRAME DETAILS
SCALE (A3)
NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAFCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA ZAMBOANGA DEL SUR</p>	AS SHOWN	<p>ENGR. LIAN ROBERT A. LAGARTO</p> <p>ENGINEER I</p> <p>PROFESSION: AGRICULTURAL AND BIOTECHNOLOGY ENGINEER REG. NO. 001-1377 EXPIRES: 11/24/2024</p>	<p>ENGR. ROMY ALVIN D. DOMINGO</p> <p>FIBER DEVELOPMENT OFFICER (S/F/HEAD), EPDPS</p> <p>PROFESSION: AGRICULTURAL ENGINEER REG. NO. 002/874</p>	<p>ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>	<p>S2</p> <p>57</p>
			<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAFCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>				

MUNICIPAL ENGINEER

ELECTRICAL

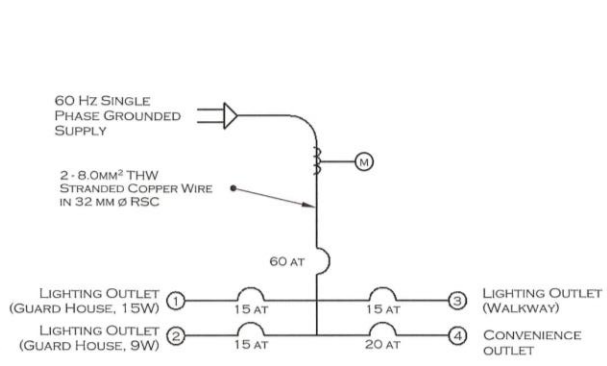
LOAD SCHEDULE

TYPE OF SERVICE: 230V, 3 WIRES 60 HZ SINGLE PHASE FEEDER CONDUCTOR 2 - 8.0MM ² & 1 - 5.5MM ² THW STRANDED WIRE IN 32 MM Ø RSC										
CIRCUIT NUMBER	DESCRIPTION OF LOAD	VA LOAD	CURRENT	CIRCUIT BREAKER			CONDUCTOR		CONDUIT	
				POLE	FRAME	TRIP	SIZE	TYPE	DIAMETER	TYPE
1	4 x 15W LIGHT	60	0.26	2	50	15 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	13MM	UPVC
2	3 x 9W LIGHT	27	0.12	2	50	15 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	13MM	UPVC
3	5 x 20W LIGHT (WALKWAY)	100	0.43	2	50	15 A	2 - 3.5MM ² & 1 - 3.5MM ²	THHN	13MM	UPVC
4	4-2 x 180W CONVENIENCE OUTLET	1440	6.26	2	50	20 A	2 - 2.0MM ² & 1 - 2.0MM ²	THHN	20MM	UPVC
TOTAL PHASE CURRENT		1627	7.07							

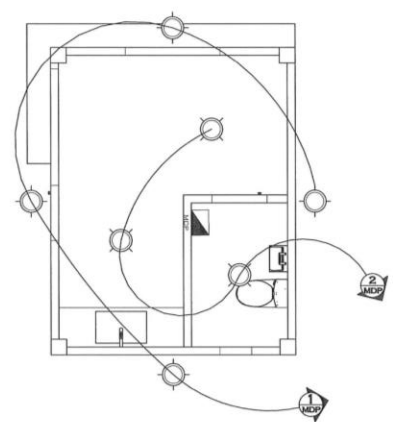
COMPUTATION

$I_T = 1.627 \text{ kVA} / (230 \text{ V}) = 7.07 \text{ A} \times 80\%$
 DEMAND FACTOR = 5.66 A 2-8.0MM² & 1-5.5MM² THW STRANDED WIRE IN 32 MM Ø RSC

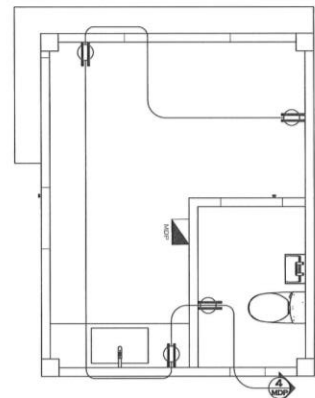
- ELECTRICAL WORKS:**
- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
 - THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2 WIRE + GROUND 230 V AC, 60HZ.
 - WIRING METHOD SHALL BE AS FOLLOWS:
 A. FEEDERS & RISERS - RIGID STEEL CONDUIT
 B. LIGHTING, POWER RECEPTACLE BRANCH CKT., AUXILIARY - POLYVINYL CHLORIDE CONDUIT
 - ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15MM² TRADE/NOMINAL SIZE. LIKEWISE, ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
 - ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
 - ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
 - EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
 - MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
 A. LIGHT SWITCH = 1.20 M ABOVE FINISHED FLOOR LINE
 B. CONVENIENCE OUTLET = 0.30 M ABOVE FINISHED FLOOR LINE
 C. PANEL BOARD = 1.80 M ABOVE FINISHED FLOOR LINE



1 GUARD HOUSE
E1
ELECTRICAL SPECIFICATIONS
LINE DIAGRAM



A GUARD HOUSE
E1
LIGHTING OUTLET LAYOUT
SCALE (A3) NTS



B GUARD HOUSE
E1
CONVENIENCE OUTLET LAYOUT
SCALE (A3) NTS

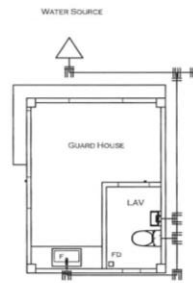
OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	AS SHOWN	ENGR. <i>Liam A. Lagarto</i> ENGR. LIAM ROBER A. LAGARTO ENGINEER I PROFESSIONAL AGRICULTURAL AND BIOPROCESSING ENGINEER REG. NO. 991137 EXPIRES 11/07/24	ENGR. <i>Romy D. Domingo</i> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER I/HEAD, EPODES PROFESSIONAL AGRICULTURAL AND BIOPROCESSING ENGINEER REG. NO. 990202 EXPIRES	ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION	EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	E1 67

MUNICIPAL ENGINEER

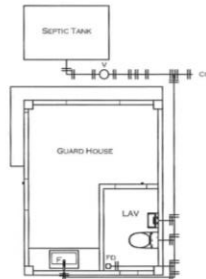
PLUMBING

PLUMBING WORKS:

1. ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
2. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A QUALIFIED LICENSED PLUMBING ENGINEER OR A MASTER PLUMBER.
3. COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION. THE ENGINEER SHALL BE NOTICED IMMEDIATELY IF ANY DISCREPANCY FOUND THEREIN.
4. PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ENGINEER.
5. PROPOSED SANITARY UTILITIES SHALL CONFORMED TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURES.
6. ALL FIXTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED.
7. RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT UNIFORM OF NOT LESS THAN TWO (2) PERCENT (2%).
8. NO DOUBLE HUBS, DOUBLE TEE BRANCH SHALL BE USED ON HORIZONTAL SOIL WASTE LINE. THE DRILLING OR TAPPING OF HOUSE DRAIN WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED.
9. PROVIDE PIPE SLEEVES AT WALLS COLUMN SLAB. ONE SLAB ONE BIGGER THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE.
10. CLEAN OUT ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
A. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22 AND 1/2 DEGREES.
B. 1.5 METER INSIDE THE PROPERTY LINE DRAIN CONNECTOR.
C. EVERY 150MM DIAMETER IN HORIZONTAL RUN PIPE.
D. AT THE END OF THE HORIZONTAL PIPE.
11. A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED.
12. ALL PLUMBING PIPES AND FITTINGS, FOR WATER AND SEWER LINES, SHALL BE PVC AND SHALL BE PROPERLY REGLUED WITH SOLVENT CEMENT.
13. PIPE SIZES FOR WATER LINES SHALL BE: Ø 12.5MM (1/2") FOR DISTRIBUTION LINES, USE HEAVY DUTY GATE VALVES, FAUCETS, BICETS, AND ALL PLUMBING FIXTURES AND ACCESSORIES.
14. PIPE SIZES FOR SEWER LINES SHALL BE: Ø 75MM (3") FOR SOIL STACK, Ø 50MM (2") FOR SOIL BRANCHES.
15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT THE APPROVAL, SHALL COUSRE RESPONSIBILITY OF THE DESIGNER/ENGINEER TO CEASE A WHOLE.
16. NO PIPING WORK, FIXTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY MANS BEFORE THEY HAVE BEEN PRESSURE TESTED, JURISDICTION OF THE WORK.
17. ALL WORK SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 137B AND SHALL BE LEAK TIGHT.
18. UNLESS OTHERWISE NOTED AND SPECIFIED, USE NEXTEL BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT.



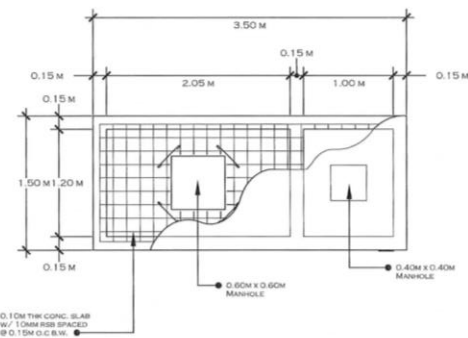
A
GUARD HOUSE
WATERLINE LAYOUT
SCALE: (A3) 1M:100M



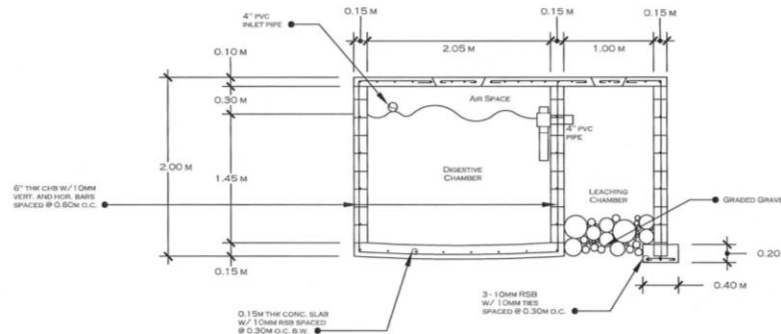
B
GUARD HOUSE
SEWER LINE
SCALE: (A3) 1M:100M

LEGEND:

- FD FLOOR DRAIN
- F FAUCET
- CO WALL CLEAN OUT
- LAV LAVATORY
- SV SCEPTIC VAULT
- SANITARY LINE
- FRESH WATER LINE



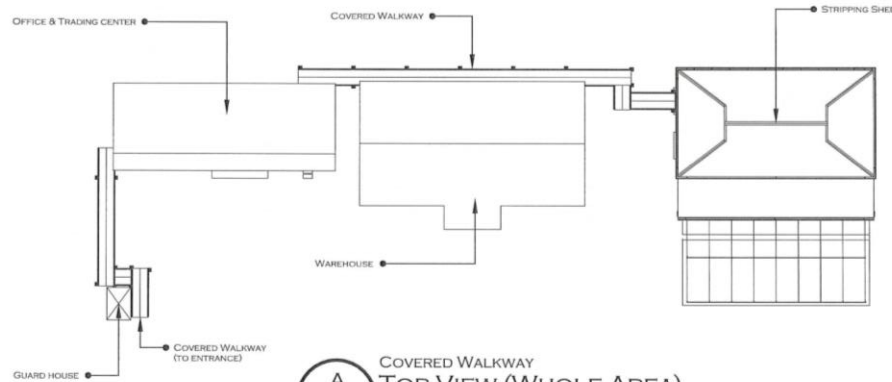
C
GUARD HOUSE
MANHOLE DETAILS
SCALE: (A3) NTS



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			<p>PROFESSION: AGRICULTURAL AND MECHANICAL ENGINEERING REG. LICENSE # 0037837 EXPIRES: 11/07/24</p>	<p>PROFESSION: CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING REG. LICENSE # 0007874 EXPIRES: 11/07/24</p>			



COVERED WALKWAY
PERSPECTIVE
 SCALE (A3) NTS



COVERED WALKWAY
TOP VIEW (WHOLE AREA)
 SCALE (A3) NTS

REPUBLIC OF THE PHILIPPINES
 OFFICE OF THE BUILDING
 OFFICIAL

MUNICIPAL ENGINEER

ARCHITECTURAL

GENERAL NOTES:

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			<small>PROFESSIONAL AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. LICENSE # 0011772 EXPIRES 11-07-24</small>	<small>PROFESSIONAL AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. LICENSE # 0011874 EXPIRES 11-07-24</small>	<small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	<small>OIC, EXECUTIVE DIRECTOR</small>	

1A COVERED WALKWAY PERSPECTIVE VIEWS
SCALE (A3) NTS

1C COVERED WALKWAY PERSPECTIVE VIEWS
SCALE (A3) NTS

1B COVERED WALKWAY PERSPECTIVE VIEWS
SCALE (A3) NTS

1C COVERED WALKWAY PERSPECTIVE VIEWS
SCALE (A3) NTS

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING
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MUNICIPAL ENGINEER

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MUNICIPAL ENGINEER

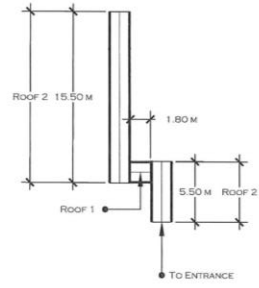
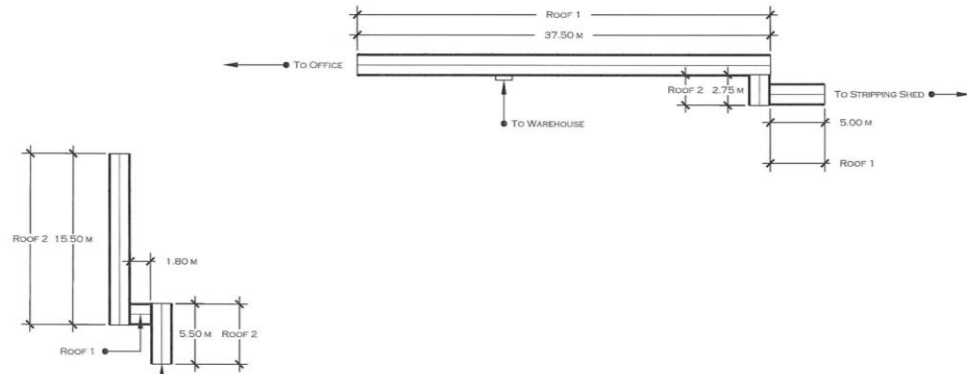
ARCHITECTURAL

GENERAL NOTES:

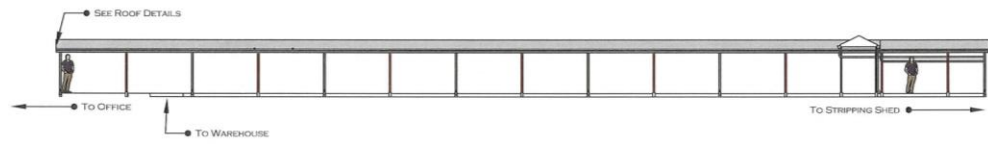
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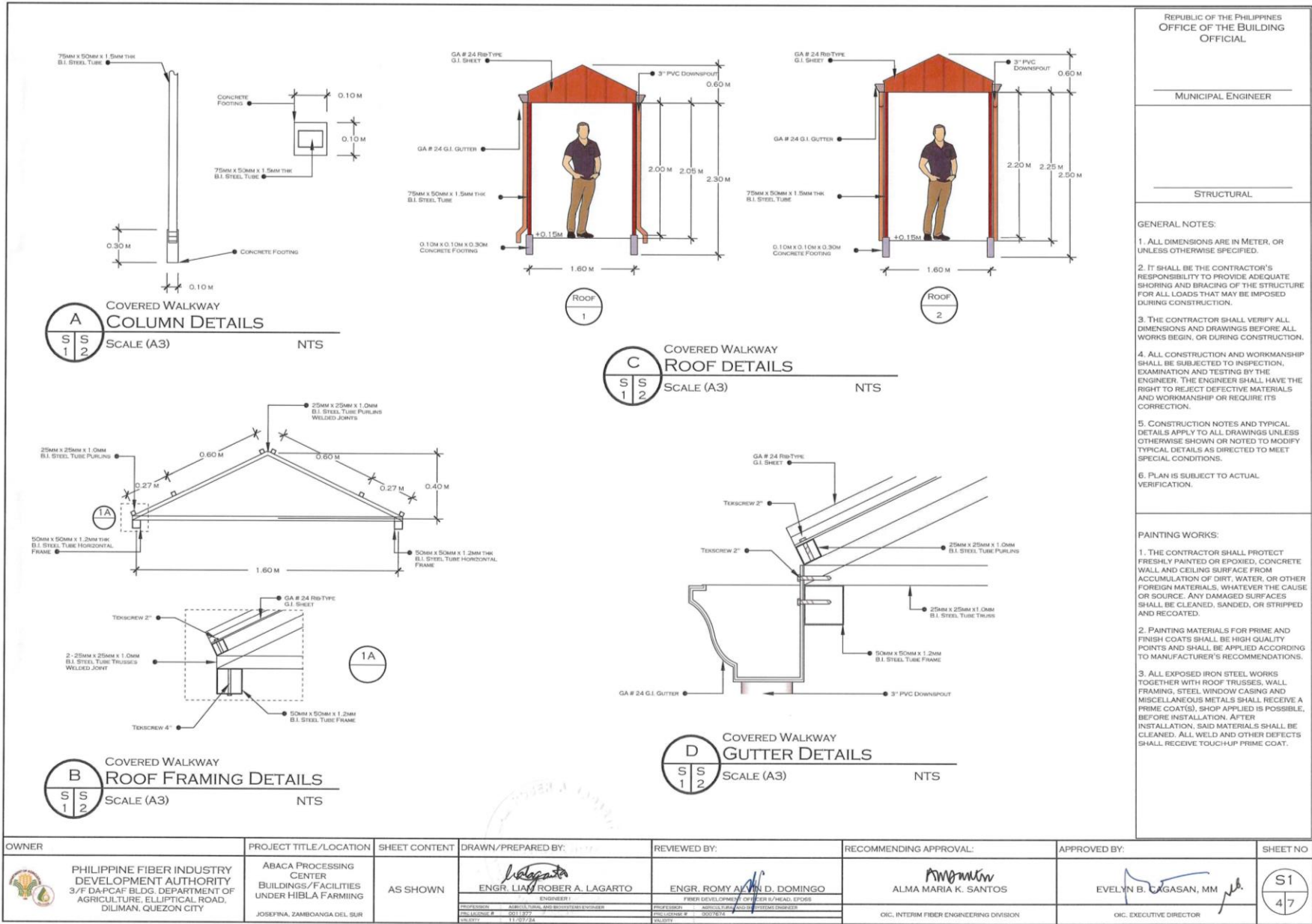








A
COVERED WALKWAY
TOP VIEW
SCALE (A3) NTS

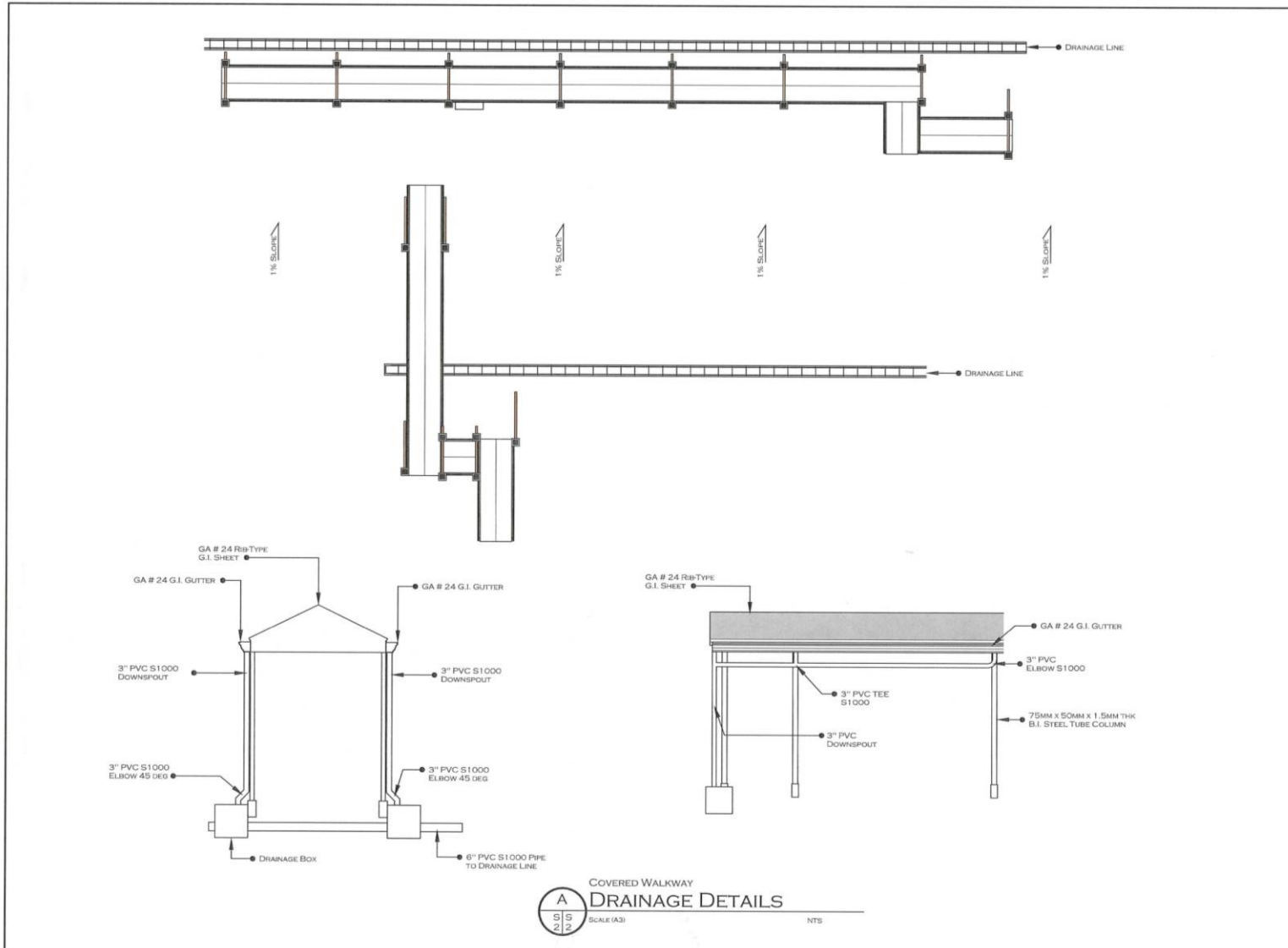


B
COVERED WALKWAY
FRONT VIEW
SCALE (A3) NTS

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 <p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	<p>AS SHOWN</p>	<p><i>LAGARTO</i> ENGR. LIAM ROBER A. LAGARTO ENGINEER</p>	<p><i>DOMINGO</i> ENGR. ROMY ALVIN D. DOMINGO FIBER DEVELOPMENT OFFICER (FDR) / RECD. EPDS</p>	<p><i>SANTOS</i> ALMA MARIA K. SANTOS OIC. INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>BACAGASAN</i> EVELYN B. BACAGASAN, MM OIC. EXECUTIVE DIRECTOR</p>	<p>A3 37</p>
			<p>PROFESSION: AGRICULTURE AND BIOTECHNICAL ENGINEER PHIL. LICENSE # : 0011877 EXPIRES: 11-27-28</p>	<p>PROFESSION: ARCHITECTURE PHIL. LICENSE # : 0007676 EXPIRES:</p>	<p>OIC. EXECUTIVE DIRECTOR</p>		



OWNER  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR	SHEET CONTENT AS SHOWN	DRAWN/PREPARED BY:  ENGR. LIAK ROBER A. LAGARTO <small>ENGINEER I REGISTERED PROFESSIONAL ENGINEER REG. NO. 0011877 EXPIRES 11/27/24</small>	REVIEWED BY:  ENGR. ROMY ALVIN D. DOMINGO <small>REGISTERED PROFESSIONAL ENGINEER REGISTERED ARCHITECT REG. NO. 0017614 EXPIRES 02/27/24</small>	RECOMMENDING APPROVAL:  ALMA MARIA K. SANTOS <small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	APPROVED BY:  EVELYN B. CAGASAN, MM <small>OIC, EXECUTIVE DIRECTOR</small>	SHEET NO 
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OFFICIAL

MUNICIPAL ENGINEER

STRUCTURAL

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METER, OR UNLESS OTHERWISE SPECIFIED.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS BEFORE ALL WORKS BEGIN, OR DURING CONSTRUCTION.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECTED TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.
5. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED TO MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
6. ALL PLUMBING INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE SANITARY CODE OF THE PHILIPPINES.
7. ALL PLUMBING WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED PLUMBING ENGINEER OR A MASTER PLUMBER.
8. PLAN IS SUBJECT TO ACTUAL VERIFICATION.

PAINTING WORKS:

1. THE CONTRACTOR SHALL PROTECT FRESHLY PAINTED OR EPOXIED, CONCRETE WALL AND CEILING SURFACE FROM ACCUMULATION OF DIRT, WATER, OR OTHER FOREIGN MATERIALS, WHATEVER THE CAUSE OR SOURCE. ANY DAMAGED SURFACES SHALL BE CLEANED, SANDED, OR STRIPPED AND RECOATED.
2. PAINTING MATERIALS FOR PRIME AND FINISH COATS SHALL BE HIGH QUALITY POINTS AND SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. ALL EXPOSED IRON STEEL WORKS TOGETHER WITH ROOF TRUSSES, WALL FRAMING, STEEL WINDOW CASING AND MISCELLANEOUS METALS SHALL RECEIVE A PRIME COAT(S), SHOR APPLIED IS POSSIBLE, BEFORE INSTALLATION. AFTER INSTALLATION, SAID MATERIALS SHALL BE CLEANED. ALL WELD AND OTHER DEFECTS SHALL RECEIVE TOUCH-UP PRIME COAT.

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING</p> <p>JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p>ENGR. ROBER A. LAGARTO</p> <p>PROFESSION: AGRICULTURAL AND BIOTECHNICAL ENGINEER REG. LICENSE # 00113727 EXPIRES: 11/07/28</p>	<p>ENGR. ROMY ALVIN D. DOMINGO</p> <p>FIBER DEVELOPMENT OFFICER II/HEAD, EPODS PROF. LICENSE # 00073978 EXPIRES: 02/07/28</p>	<p>ALMA MARIA K. SANTOS</p> <p>OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p>EVELYN B. CAGASAN, MM</p> <p>OIC, EXECUTIVE DIRECTOR</p>	<p>S2</p> <p>57</p>

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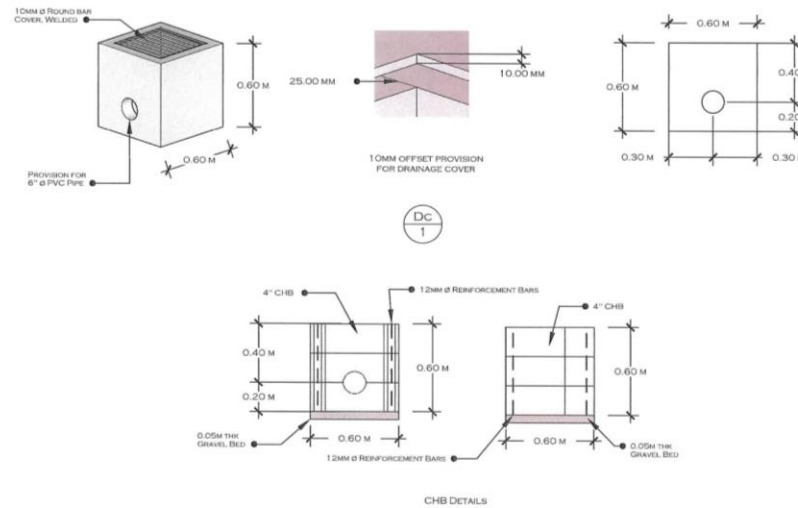
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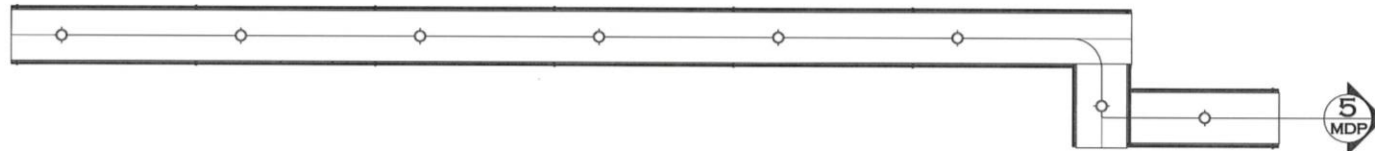
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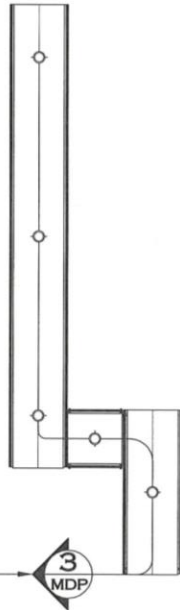
COVERED WALKWAY
A
S
S
DRAINAGE DETAILS
SCALE (A3)
NTS

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>ABACA PROCESSING CENTER BUILDINGS/FACILITIES UNDER HIBLA FARMING JOSEFINA, ZAMBOANGA DEL SUR</p>	AS SHOWN	<p><i>Rober A. Lagarto</i> ENGR. ROBER A. LAGARTO ENGINEER PROFESSIONAL REG. NO. 011374 EXPIRES 11/07/24</p>	<p><i>Romy A. Domingo</i> ENGR. ROMY A. DOMINGO FIBER DEVELOPMENT OFFICER/HEAD, EPOSS PROFESSIONAL REG. NO. 002792 EXPIRES 02/2025</p>	<p><i>Alma Maria K. Santos</i> ALMA MARIA K. SANTOS OIC, INTERIM FIBER ENGINEERING DIVISION</p>	<p><i>Evelyn B. Casasan, MM</i> EVELYN B. CASASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>S3 67</p>
			<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F DAPCAF BLDG. DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>				



COVERED WALKWAY
A
 ELECTRICAL LAYOUT
 SCALE (A3)
 NTS

ELECTRICAL CONNECTION FROM STRIPPING SHED



COVERED WALKWAY
B
 ELECTRICAL LAYOUT
 SCALE (A3)
 NTS

ELECTRICAL CONNECTION FROM GUARD HOUSE

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ELECTRICAL

ELECTRICAL WORKS:

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2 WIRE + GROUND 230 V AC, 60-HZ.
3. WIRING METHOD SHALL BE AS FOLLOWS:
 A. FEEDERS & RISERS - RIGID STEEL CONDUIT
 TB. LIGHTING, POWER RECEPTACLE BRANCH CKT., AUXILIARY - POLYVINYL CHLORIDE CONDUIT
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5MM AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15MM² TRADE/NOMINAL SIZE. LIKEWISE, ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
8. ELECTRICAL LAYOUT "A" POWER SOURCE SHALL BE FROM STRIPPING SHED AND ELECTRICAL LAYOUT "B" POWER SOURCE SHALL BE FROM GUARD HOUSE. SEE BOTH ELECTRICAL COMPUTATIONS FROM EACH OF ITS OWN ELECTRICAL PLANS.

OWNER	PROJECT TITLE/LOCATION	SHEET CONTENT	DRAWN/PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO
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			<small>PROF. LICENSE # 00113777 REG. DATE 11-07724</small>	<small>PROF. LICENSE # 007924 REG. DATE 11-07724</small>	<small>OIC, INTERIM FIBER ENGINEERING DIVISION</small>	<small>OIC, EXECUTIVE DIRECTOR</small>	

Signature over Printed Name
of Bidder's Authorized Representative

Position

Name of Company

Date Signed

REMINDER

Bidder's authorized representative must affix his/her signature. Failure of the authorized representative to sign each and every page of the Detailed Engineering Design shall be a cause for rejection of his/her bid.