

Republic of the Philippines

Department of Agriculture

PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY

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

THE BIDS AND AWARDS COMMITTEE

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



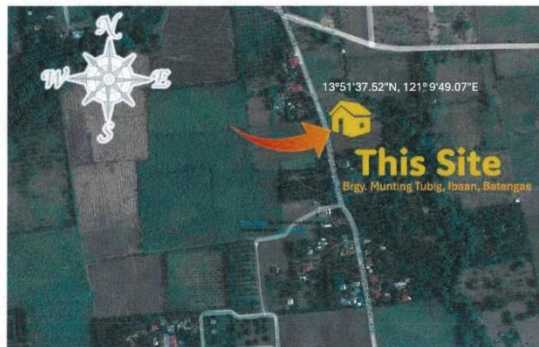
Invitation to Bid for the Procurement of Weaving and Processing Center in Ibaan, Batangas

Annex A.1

DETAILED ENGINEERING DESIGN



1 **PERSPECTIVE**
A-1 NOT TO SCALE



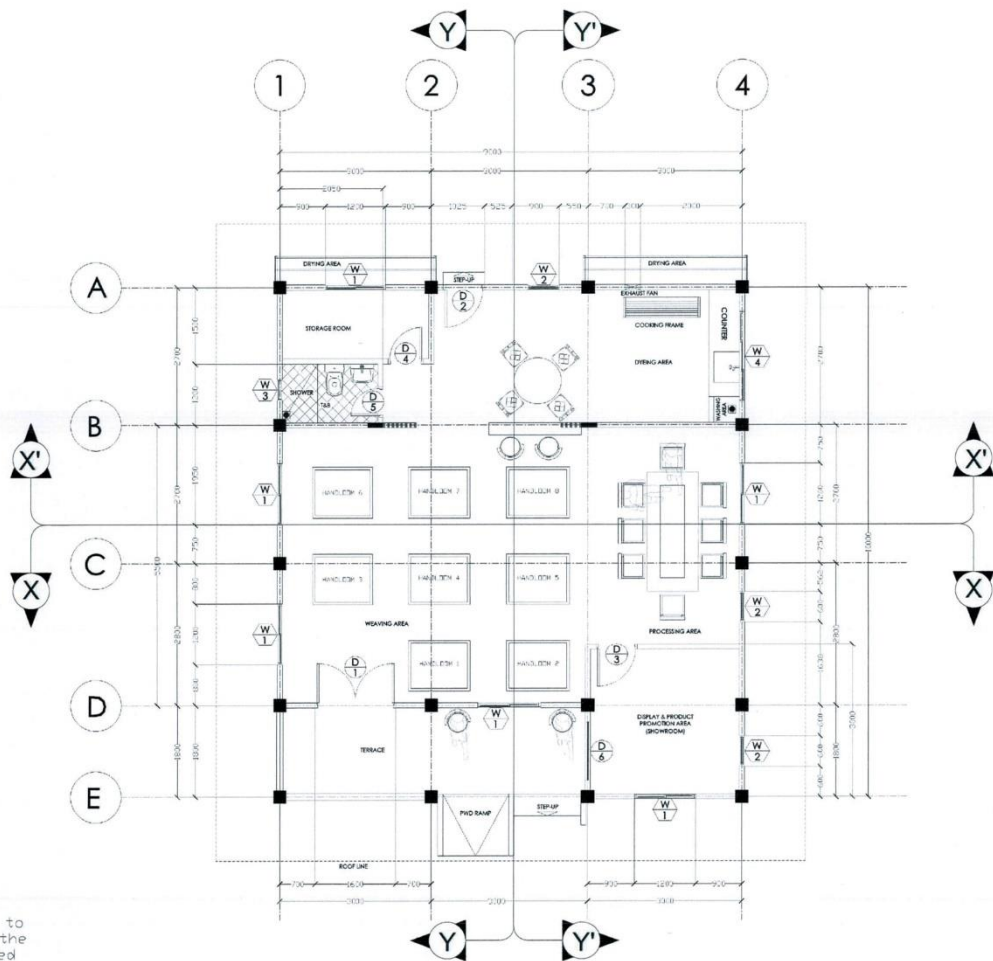
2 **VICINITY MAP**
A-1 NOT TO SCALE



3 **SITE DEVELOPMENT PLAN**
A-1 NOT TO SCALE

REPUBLIC OF THE PHILIPPINES OFFICE OF THE BUILDING OFFICIALS
CITY/MUNICIPALITY
LAND AND ZONING
LINE AND GRADE
ELECTRICAL
PLUMBING
STRUCTURAL
ARCHITECTURAL






OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F PCAP BLDG. DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. LUIS M. BARGUILLA AGRICULTURAL SYSTEMS ENGINEER PRC: 007711 PTR: TIN: VALIDITY DATE: 07/19/2025	CHECKED BY: ENGR. PEYTO M. SORIANO III ENGINEER II PRC: 08684 PTR: TIN: VALIDITY DATE: 09/26/2025	RECOMMENDING APPROVAL:  CONCEPTION D. SOCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION	APPROVED BY:  EVELYN B. CAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO. A-01 1 27
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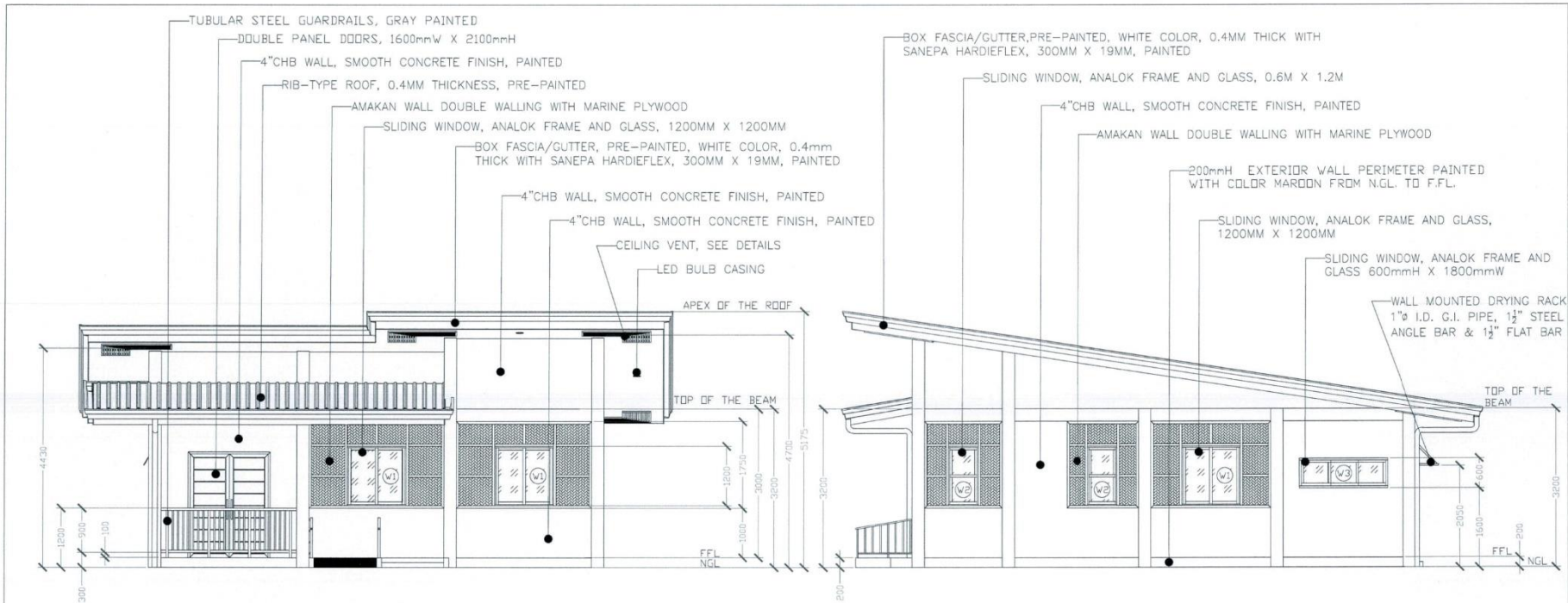


FLOOR PLAN

SCALE 1:90 MM

- NOTES:
1. All dimension is in millimeter, 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;
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 4. Subject to actual verification.

OWNER:  PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F PCAF BLDG., DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY:  ENGR. CLAUDUALDO S. SORIANO AGRICULTURAL AND FISHERIES ENGINEER	CHECKED BY:  ENGR. PEPITO M. SORIANO ENGINEER	RECOMMENDING APPROVAL:  CONCEPTION U. JOCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION	APPROVED BY:  EVELIN B. GASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO. A-02 2 27
		DATE: _____ REV. NO.: REV. DATE:	PRC: 007711 PIR: _____ TIN: _____ VALIDITY DATE: 07/13/2025	PRC: 005884 PIR: _____ TIN: _____ VALIDITY DATE: 08/29/2025			



1 FRONT ELEVATION
SCALE 1:80 MM

2 RIGHT SIDE ELEVATION
SCALE 1:80 MM

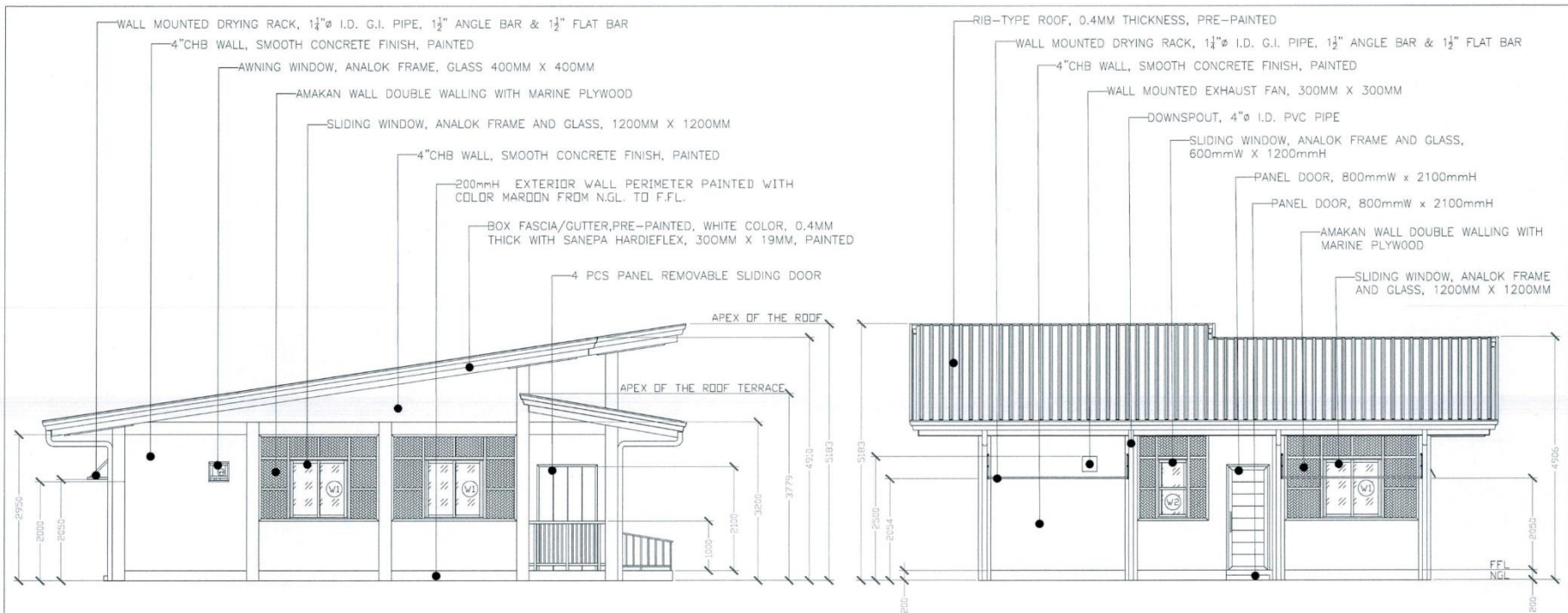
PAINTING WORKS:

1. CONCRETE WALL EXTERNAL: 1 COAT PRIMER & 2 COATS FINISH (TULLE-WHITE);
2. CONCRETE WALL INTERNAL & MARINE PLYWOOD DOUBLE WALLING: 1 COAT PRIMER & 2 COATS FINISH (BSC-44 DUSTY BEIGE) & MUST REFLECT AS A SOLID CONCRETE WALL AFTER PAINTED;
3. AMAKAN/SAWALI (SPLIT-BAMBOO MATS): SANDING SEALER & VARNISH (CLEAR GLOSS LACQUER B-1250);
4. CEILINGS: 1 COAT PRIMER & 2 COATS FINISH (LATEX WHITE);
5. DOOR AND JAMB: 1 COAT PRIMER & 2 COATS FINISH (WOOD STAIN MAPLE BROWN, SANDING SEALER & CLEAR GLOSS LACQUER B-1250);
6. ALL COLORS MUST BE VERIFY FIRST TO THE OWNER;
7. APPLY CONCRETE NEUTRALIZER TO CONCRETE WALL BEFORE PAINTING WORKS BEGIN.

NOTES:

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OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY <small>3/F PCAF BLDG., DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILMAN, QUEZON CITY</small>	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER <small>SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS</small>	SHEET CONTENTS:	DRAWN & DESIGNED BY: ENGR. G. M. ARQUILLA <small>AGRICULTURAL ARCHITECTURE ENGINEER</small>	CHECKED BY: ENGR. PEPTO B. SERRANO III <small>REGISTERED</small>	RECOMMENDING APPROVAL: CONCEPTION D. JOCSON <small>DIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION</small>	APPROVED BY: EVELYN B. CAGASAN, MM <small>DIC, EXECUTIVE DIRECTOR</small>	SHEET NO.:
		AS SHOWN	DATE: <small>PRC: 00711 PTR: TSN: VALIDITY DATE: 07/13/2025</small>	<small>PRC: 00554 PTR: TSN: VALIDITY DATE: 09/29/2025</small>	<small>PRC: 00554 PTR: TSN: VALIDITY DATE: 09/29/2025</small>	A-03 3/27	



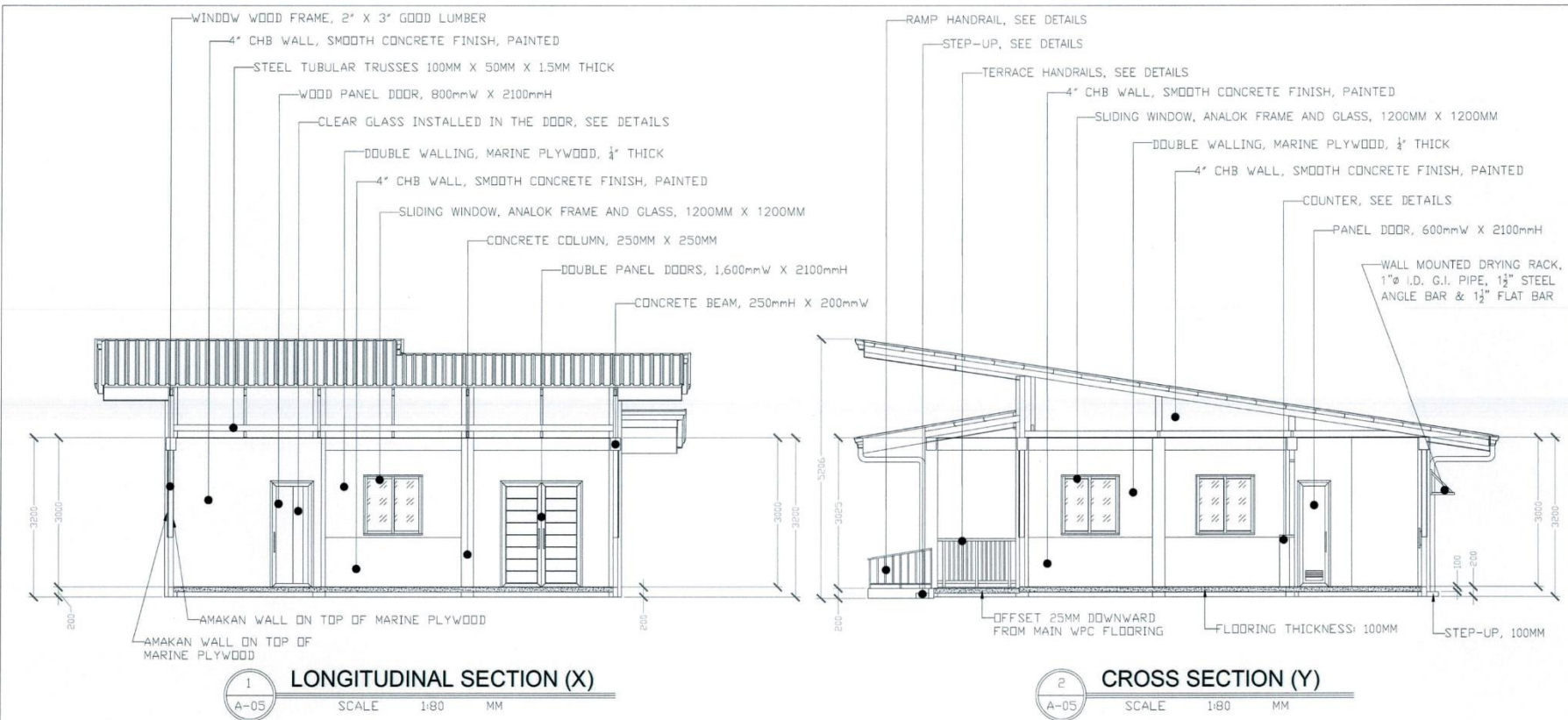
1 LEFT SIDE ELEVATION
SCALE 1:80 MM

2 REAR ELEVATION
SCALE 1:80 MM

- PAINTING WORKS:**
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		DATE: _____ REV. NO.: REV. DATE:	PRC: 007711 PTR: TIN: VALIDITY DATE: 07/13/2025	PRC: 00564 PTR: TIN: VALIDITY DATE: 06/29/2025			



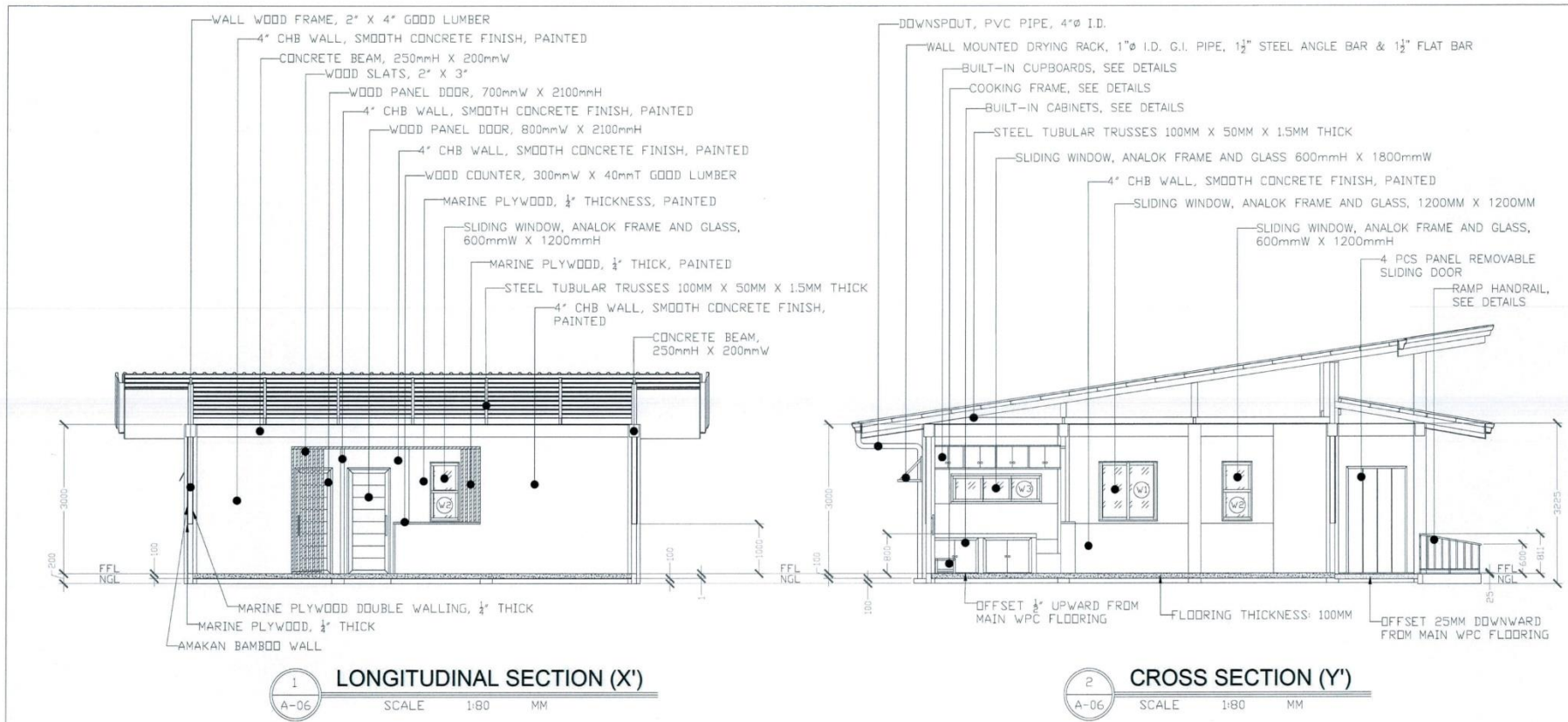
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		DATE: _____ REV. NO.: REV. DATE:	PRC: 007711 PTR: _____ TIN: _____ VALIDITY DATE: 07/15/2025	PRC: 00884 PTR: _____ TIN: _____ VALIDITY DATE: 06/29/2025			



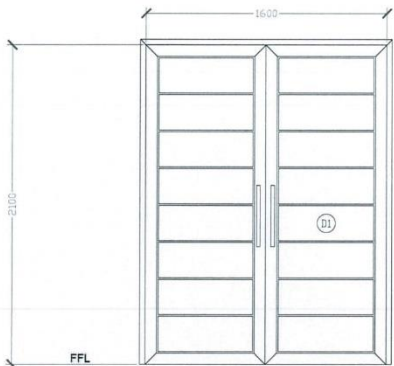
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<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3F PCAP BLDG., DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILMAN, QUEZON CITY</p>	<p>PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS</p>	<p>SHEET CONTENTS:</p> <p>AS SHOWN</p>	<p>DRAWN & DESIGNED BY: ENGR. CLAY BARQUILLA AGRICULTURAL AND BIOSYSTEMS ENGINEER PRC: 00711 PTR: TIN: VALIDITY DATE: 07/13/2025</p>	<p>CHECKED BY: ENGR. PERITO M. SORIANO III ENGINEER I PRC: 00884 PTR: TIN: VALIDITY DATE: 09/26/2025</p>	<p>RECOMMENDING APPROVAL: CONCEPTUAL DESIGN OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION</p>	<p>APPROVED BY: EVELYN B. GASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO.: A-06 6 27</p>
		<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>



1 SET DOUBLE PANEL DOOR IN 2"X5" TANGUILE / MAHOGANY DOOR JAMB; USE 4 PCS 4" HEAVY DUTY HINGES; & HEAVY DUTY DOOR LOCK

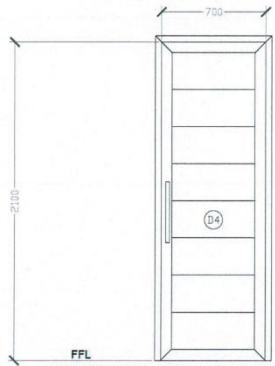


1 SET PANEL DOOR IN 2"X5" TANGUILE / MAHOGANY DOOR JAMB; USE 4 PCS 4" HEAVY DUTY HINGES; & HEAVY DUTY DOOR KNOB



1 SET FLUSH DOOR, DOUBLE WALL WITH 1/2" THK. PLYWOOD WITH INSTALLED CLEAR GLASS IN 2"X5" TANGUILE / MAHOGANY DOOR JAMB; USE 4 PCS 4" HEAVY DUTY HINGES; & HEAVY DUTY DOOR KNOB

CLEAR GLASS



1 SET PANEL DOOR IN 2"X5" TANGUILE / MAHOGANY DOOR JAMB; USE 4 PCS 4" HEAVY DUTY HINGES; & HEAVY DUTY DOOR KNOB



1 SET PVC DOOR



4-5 PCS 12MM THICK S4S GOOD LUMBER REMOVABLE SLIDING DOOR IN 2"X5" TANGUILE / MAHOGANY DOOR JAMB

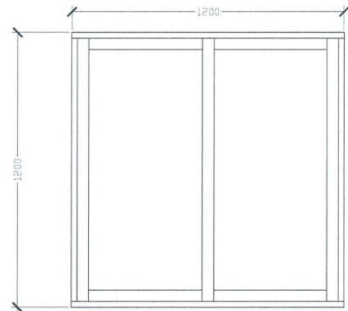
IMPORTANT REMINDER!!!
ONLY HEAVY DUTY AND HIGH QUALITY DOOR HANDLE OR KNOB AND HINGES SHALL BE USED AND INSTALLED

NOTES:

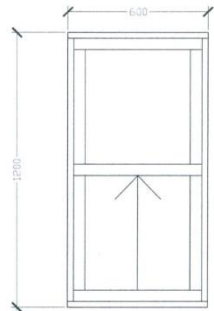
1. All dimension is in millimeter, or unless otherwise specified;
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1 SCHEDULE OF DOORS
A-07 SCALE 1:50 MM

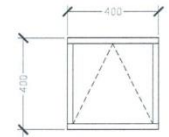
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F PCFAP BLDG., DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. CLAUDALDO B. BARGUILLA AGRICULTURE AND FISHERIES ENGINEER	CHECKED BY: ENGR. PEDRO M. SORIANO III ENGINEER III	RECOMMENDING APPROVAL: CONCEPCION D. JOCCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION	APPROVED BY: EVELYN R. JAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-07 7 / 27
		DATE: _____ REV. NO.: REV. DATE:	PRG.: 00711 PTG.: _____ TIN: _____ VALIDITY DATE: 07/19/2025	PRG.: 00864 PTG.: _____ TIN: _____ VALIDITY DATE: 09/29/2025			



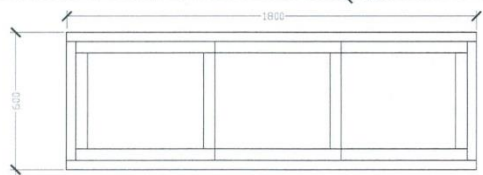
W-1
SLIDING WINDOW IN ANALOK FRAME
REFLECTIVE GLASS, 6MM THICKNESS
WITH GRILLS AND SCREEN
6-SETS



W-2
SLIDING WINDOW IN ANALOK FRAME
REFLECTIVE GLASS, 6MM THICKNESS
WITH GRILLS AND SCREEN
3-SETS



W-3
AWNING TYPE WINDOW IN
ANALOK FRAME REFLECTIVE
GLASS, 6MM THICKNESS
1-SET

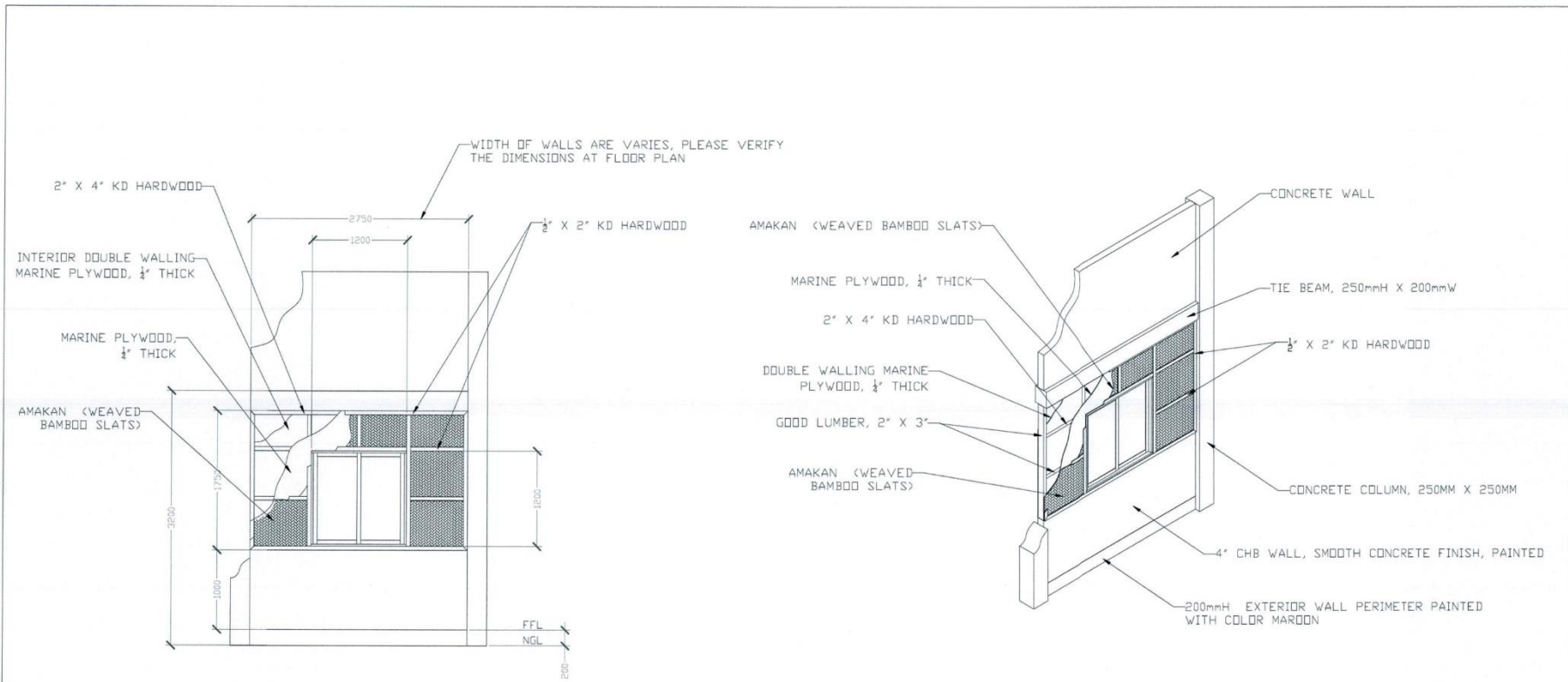


W-4
SLIDING WINDOW IN ANALOK FRAME REFLECTIVE
GLASS, 6MM THICKNESS WITH GRILLS AND SCREEN
1-SET

1
A-08 **SCHEDULE OF WINDOWS**
SCALE 1:30 MM

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		<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>
		<p>REV. NO.:</p>	<p>REV. DATE:</p>	<p>VALIDITY DATE: 07/15/2025</p>	<p>VALIDITY DATE: 09/29/2025</p>		



1
EXTERIOR WALL DETAILS
 SCALE 1:30 MM

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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.