

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

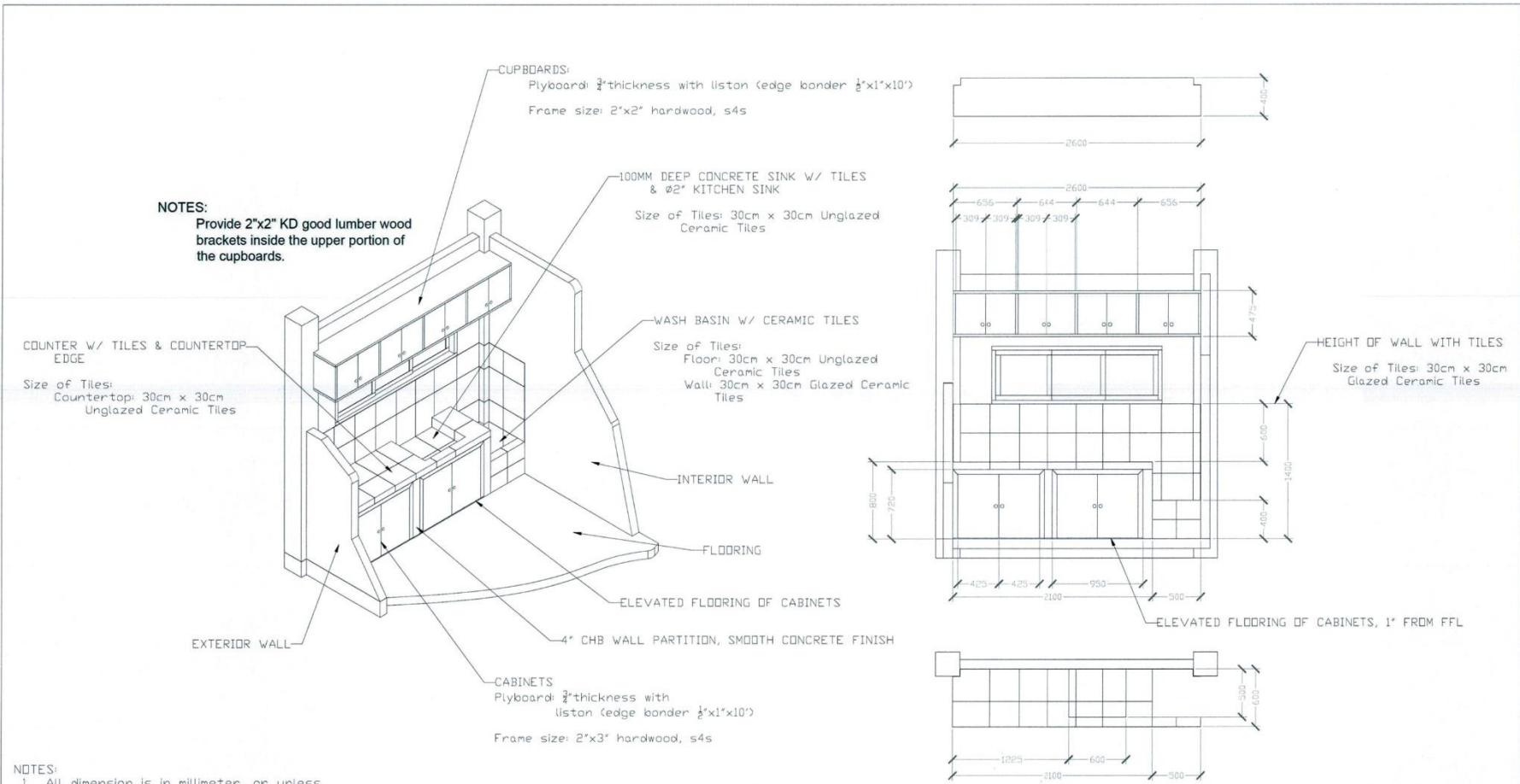
Tel. Nos. 98288756 to 65 loc. 2652; 87219813 | Email: bac@philfida.da.gov.ph



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

Annex A.2

DETAILED ENGINEERING DESIGN



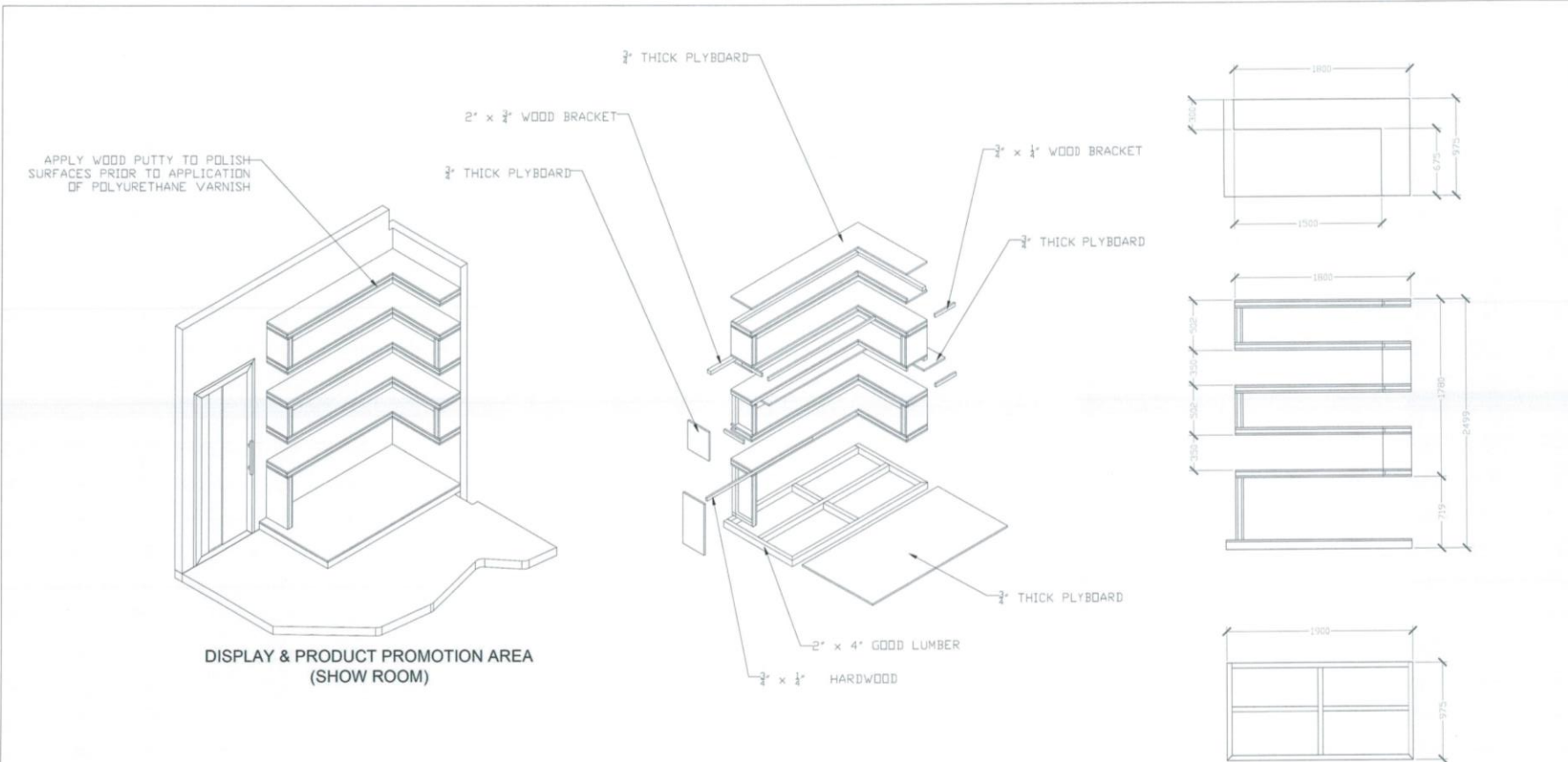
NOTES:
Provide 2"x2" KD good lumber wood brackets inside the upper portion of the cupboards.

- 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;
 3. Contractor shall verify all dimensions before all works is to begin;
 4. Subject to actual verification.

DETAILS OF CABINETS, CUPBOARDS, COUNTER & WASH BASIN



<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F ROAF BLDG., DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS</p>	<p>SHEET CONTENTS: AS SHOWN</p>	<p>DRAWN & DESIGNED BY: ENGR. CARLOS S. ARGUILLA AGRICULTURAL PROJECTS ENGINEER PRC: 007711 PTR: TIN: REV. NO.: REV. DATE:</p>	<p>CHECKED BY: ENGR. PEPITO M. SPANANO III ENGINEER PRC: 008844 PTR: TIN: VALIDITY DATE: 07/19/2025</p>	<p>RECOMMENDING APPROVAL: CONCEPTION D. JOCCSON DIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION</p>	<p>APPROVED BY: EVELYN B. SAGASAN MM DIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO. A-10 10/27</p>
		<p>VALIDITY DATE: 09/29/2025</p>					

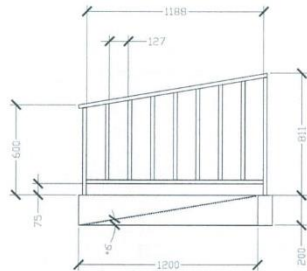


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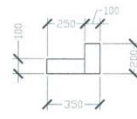
1
A-11

SCALE 1:40 MM

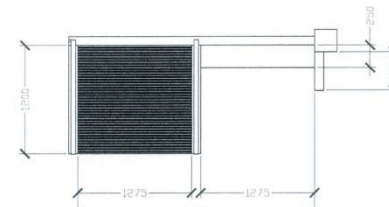
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY <small>3/F PCAF BLDG., DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILMAN, QUEZON CITY</small>	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BIRGY, MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. CLARA S. BARQUILLA <small>AGRICULTURAL ENGINEERING ENGINEER</small>	CHECKED BY: ENGR. PEPITO R. SORIANO III <small>REGISTERED</small>	RECOMMENDING APPROVAL: CONCEPCION D. JOCSON <small>CHIEF, FIBER UTILIZATION AND TECHNOLOGY DIVISION</small>	APPROVED BY: EVELYN V. CAGASAN, MM <small>CHIEF, EXECUTIVE DIRECTOR</small>	SHEET NO.: A-11 11 27
		DATE: PTR: TR: VALIDITY DATE: 07/13/2025	REV. NO.: REV. DATE: VALIDITY DATE: 08/29/2025	DATE: PTR: TR: VALIDITY DATE: 07/13/2025	DATE: PTR: TR: VALIDITY DATE: 08/29/2025	DATE: PTR: TR: VALIDITY DATE: 08/29/2025	DATE: PTR: TR: VALIDITY DATE: 08/29/2025



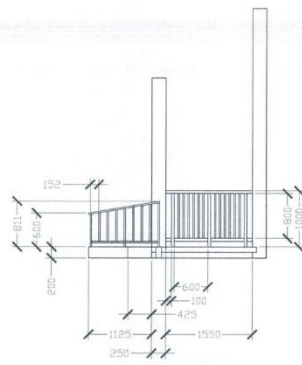
DETAILS OF RAMP
SCALE: 1:30



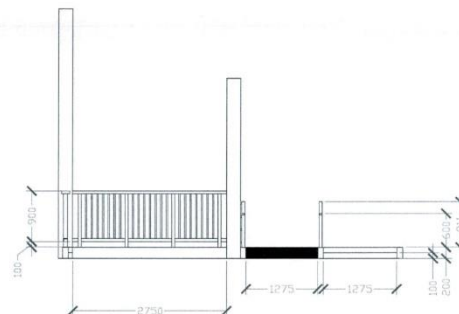
DETAILS OF STEP-UP
SCALE: 1:30



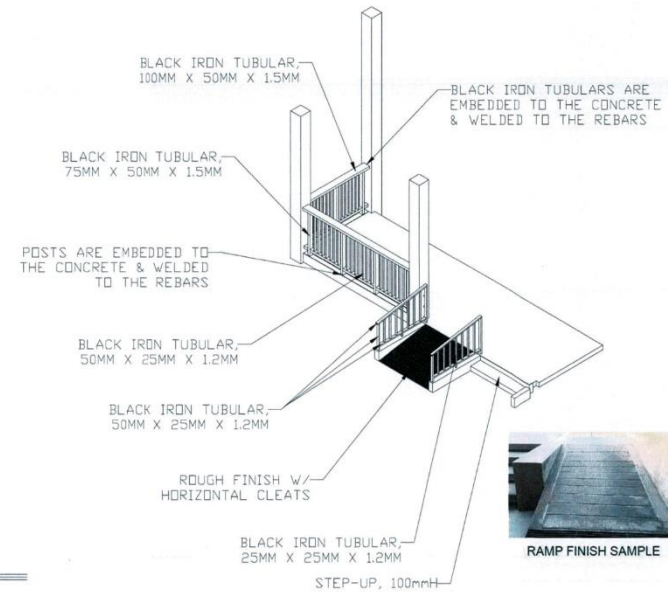
TOP VIEW OF RAMP & STEP-UP
SCALE: 1:50



RIGHT SIDE VIEW
SCALE: 1:80



FRONT VIEW
SCALE: 1:80



PERSPECTIVE VIEW
SCALE: 1:80

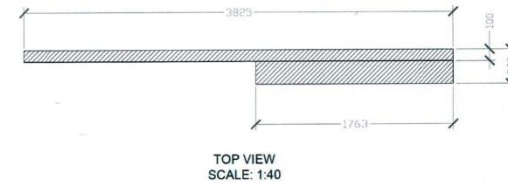
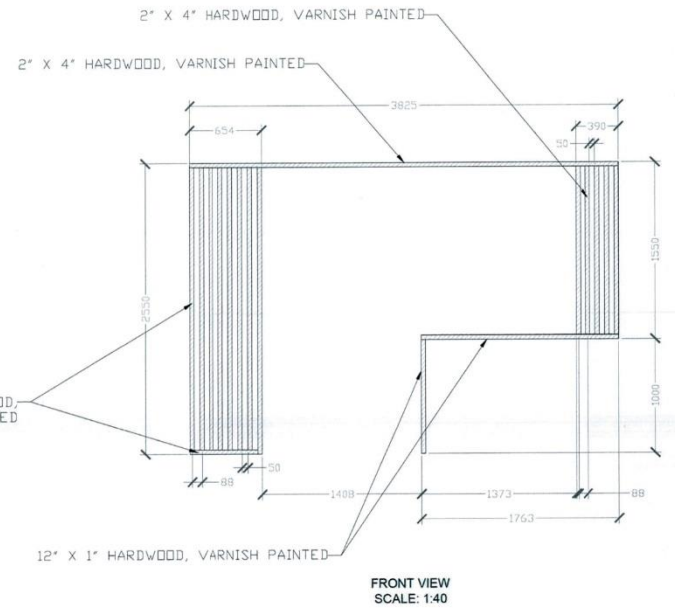
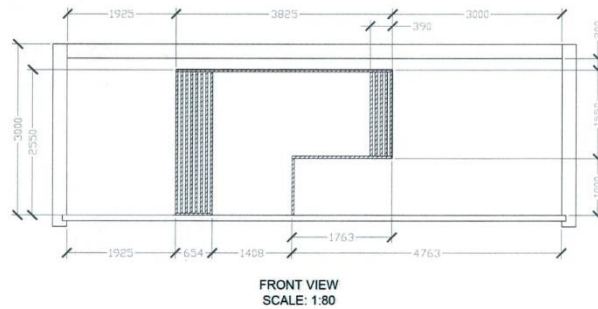
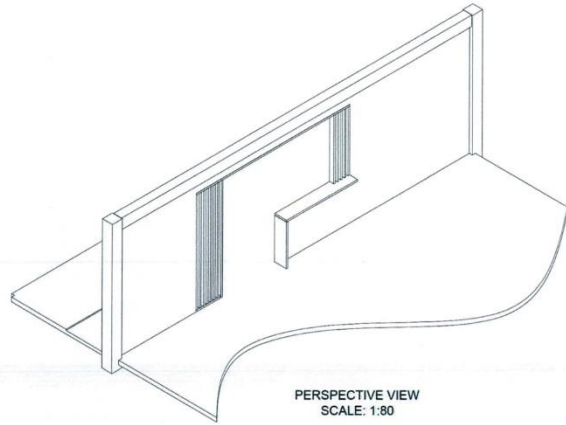
NOTES:

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4. Subject to actual verification.



DETAILS OF TERRACE GUARDRAILS,
RAMP HANDRAILS, & STAIR

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3/F PCAF BLDG., DEPARTMENT OF AGRICULTURE ELIPTICAL ROAD, DILIMAN, QUEZON CITY	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BROY, MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. OSCAR B. BARQUILLA AGRICULTURAL AND FORESTRY SYSTEMS ENGINEER	CHECKED BY: ENGR. PEPITO M. SORIANO, JR. ENGINEER	RECOMMENDING APPROVAL: CONCEPCION D. JOCCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION	APPROVED BY: EVELYN B. MAGASAN, MM OIC, EXECUTIVE DIRECTOR	SHEET NO.: A-12 12/27
		DATE: PTR: TIR:	PRC: 027711 PTR: TIR: VALIDITY DATE: 07/13/2025	PRC: 028554 PTR: TIR: VALIDITY DATE: 08/28/2025	DATE: PTR: TIR:		



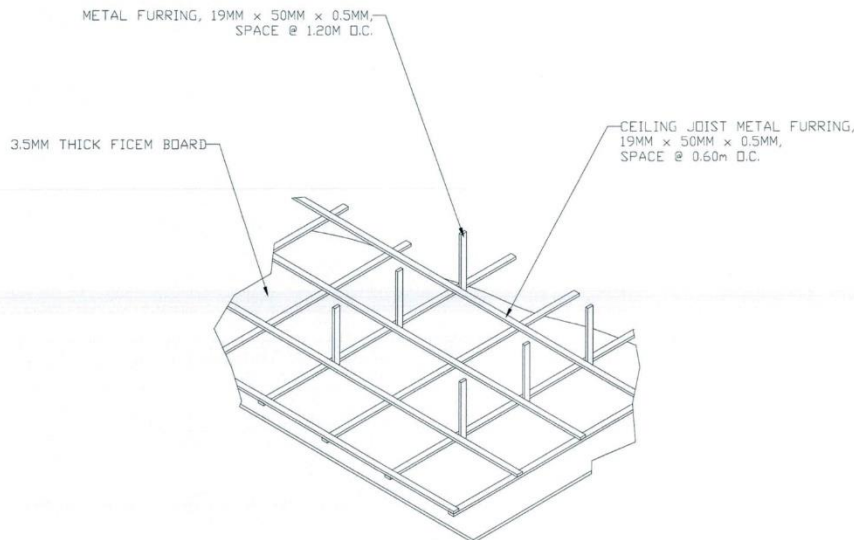
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DETAILS OF WOOD SLATS WALL DIVISION



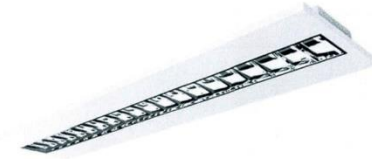
OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 3F PCAP BLDG. DEPARTMENT OF AGRICULTURE ELLIPTICAL ROAD, DILIMANK, QUEZON CITY	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. COLEMAN BARQUILLA AGRICULTURAL AND FISHERIES ENGINEER PRC: 007711 PTR: TSN: VALIDITY DATE: 07/15/2025	CHECKED BY: ENGR. PEPITO M. MORFINO III ENGINEER PRC: 008884 PTR: TSN: VALIDITY DATE: 06/29/2025	RECOMMENDING APPROVAL: CONCEPCION D. JOCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION	APPROVED BY: EVELYN B. CAGASAN, MM OIC/EXECUTIVE DIRECTOR	SHEET NO.: A-13 13 27
		DATE: REV. NO.: REV. DATE:					



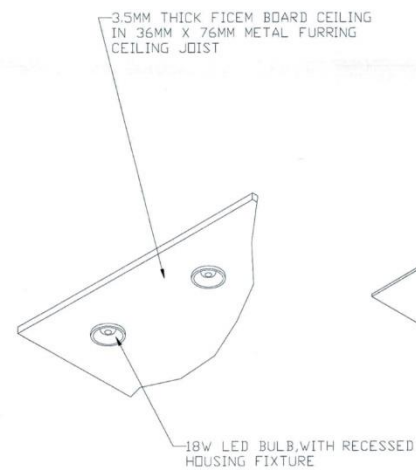
1
A-14
CEILING FRAME DETAILS
SCALE 1:40 MM



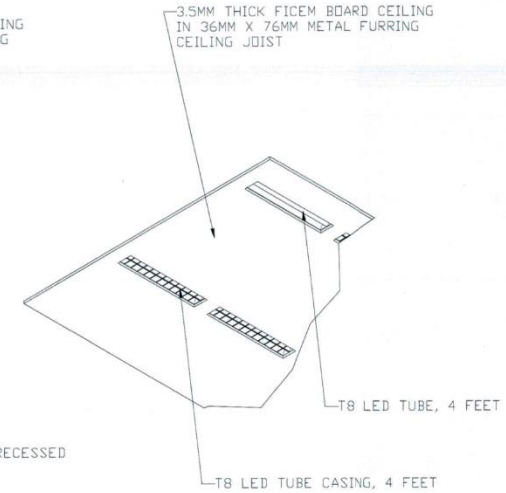
SAMPLE LED BULB W/ RECESSED HOUSING FIXTURE



SAMPLE SINGLE ROW T8 LED TUBE CASING



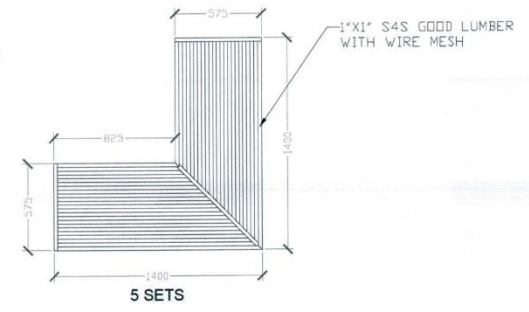
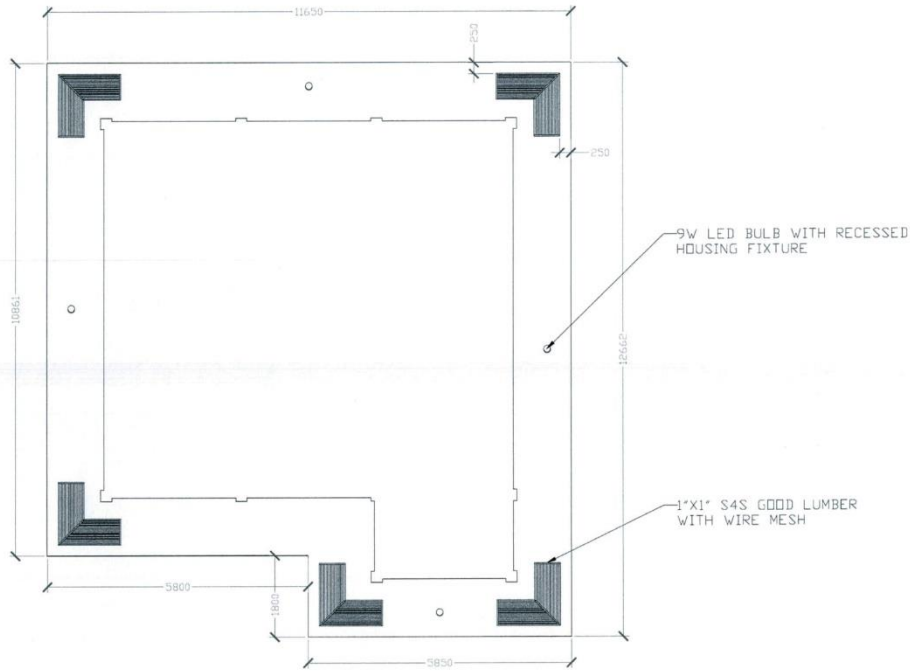
2
A-14
BULB CASING DETAILS
SCALE 1:40 MM



3
A-14
LED TUBE CASING DETAILS
SCALE 1:40 MM

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<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 38F 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. CAROLINE BARQUILLA AGRICULTURAL AND FISHERIES SYSTEMS ENGINEER</p>	<p>CHECKED BY: ENGR. PEPITO M. SOLIANO III ENGINEER</p>	<p>RECOMMENDING APPROVAL: CONCEPCION D. JOCSON OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION</p>	<p>APPROVED BY: EVELYN B. CAJASAN, MM OIC, EXECUTIVE DIRECTOR</p>	<p>SHEET NO. A-14 14 27</p>
		<p>DATE:</p> <p>REV. NO.:</p> <p>REV. DATE:</p>	<p>PRC: 007111 PTR:</p> <p>TIN:</p> <p>VALIDITY DATE: 07/13/2025</p>	<p>PRC: 008664 PTR:</p> <p>TIN:</p> <p>VALIDITY DATE: 09/29/2025</p>			

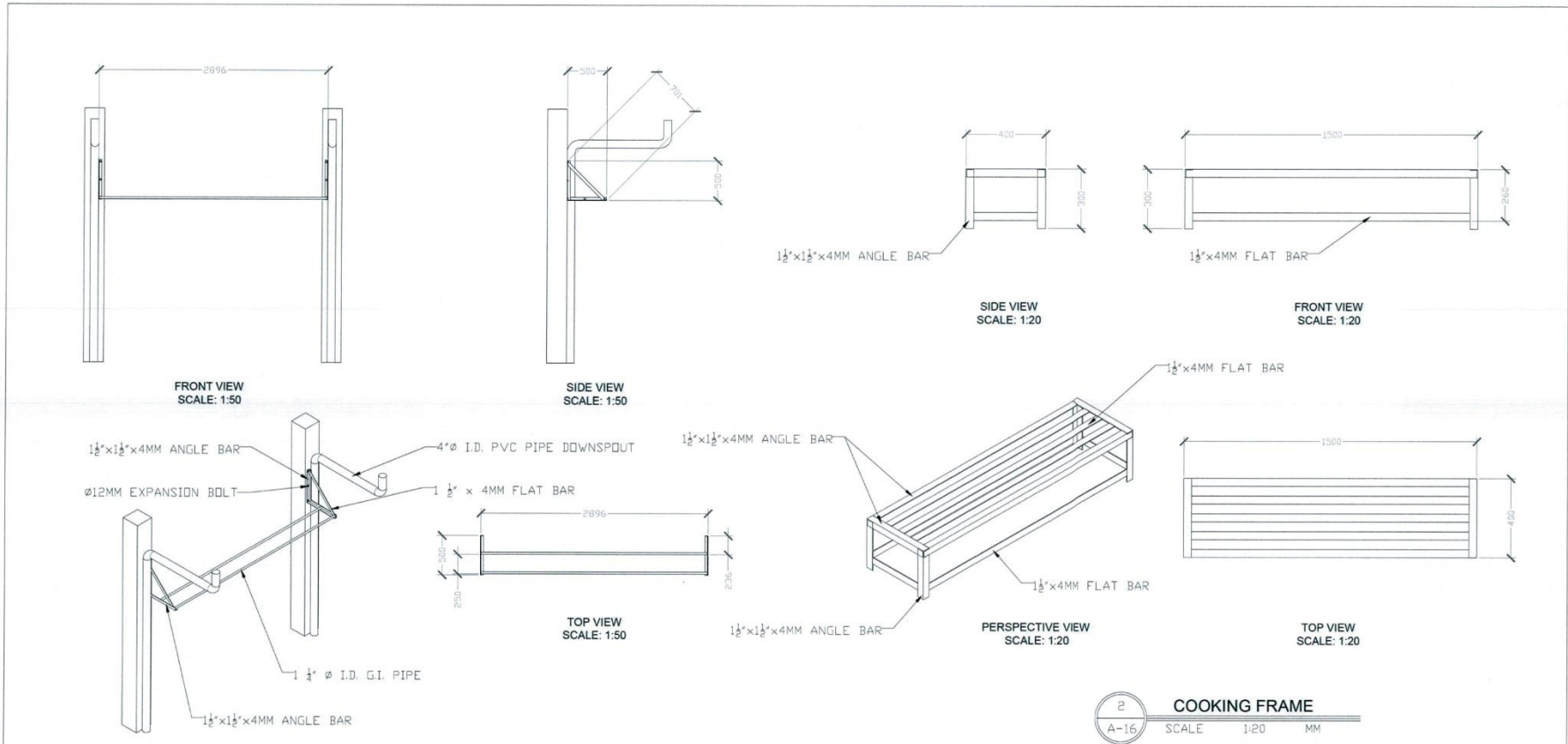


2
A-15
CEILING VENT DETAILS
SCALE 1:30 MM

1
A-15
LOCATION OF CEILING VENT & BULB CASING
SCALE 1:100 MM

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		DATE: _____ REV. NO.: _____ REV. DATE: _____	PRC: 007711 PTR: _____ TIN: _____ VALIDITY DATE: 07/13/2025	PRC: 005884 PTR: _____ TIN: _____ VALIDITY DATE: 09/20/2025			





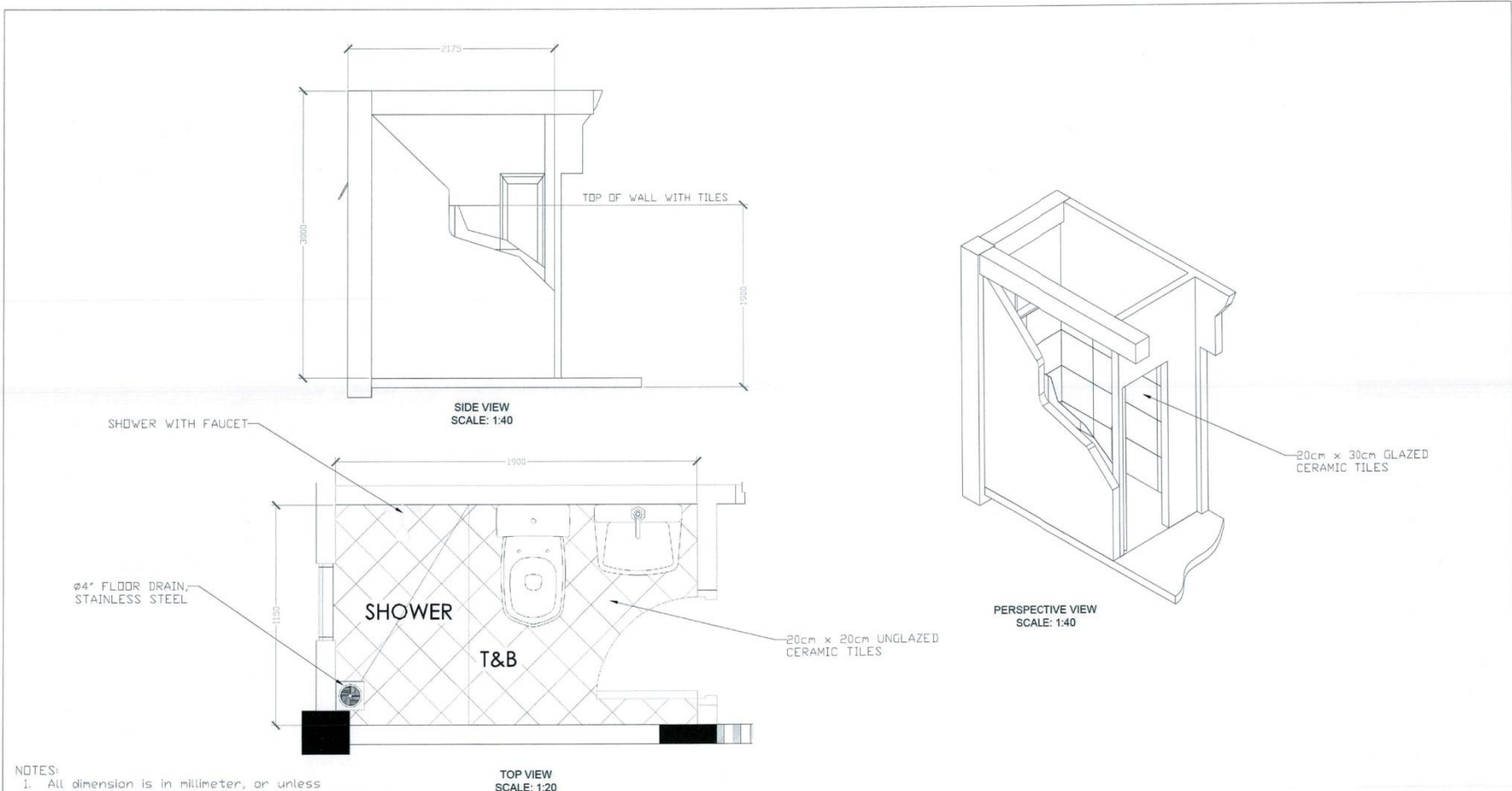
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1 DRYING RACKS & DOWNSPOUT
SCALE 1:50 MM

2 COOKING FRAME
SCALE 1:20 MM

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		DATE: _____ REV. NO.: REV. DATE:	PRC: 007711 PTR: LTN: VALUITY DATE: 07/13/2025	PRC: 008664 PTR: TIN: VALIDITY DATE: 09/29/2025			



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1
A-17
SCALE 1:40 MM
DETAILS OF TOILET & BATH

OWNER: PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY <small>3F PCAF BLDG., DEPARTMENT OF AGRICULTURE, ELLIPTICAL ROAD, DILMAN, QUEZON CITY</small>	PROJECT TITLE/LOCATION: WEAVING AND PROCESSING CENTER SITIO STA. MARGARETA, BRGY. MUNTING TUBIG, IBAAN, BATANGAS	SHEET CONTENTS: AS SHOWN	DRAWN & DESIGNED BY: ENGR. CLARISSA ARQUILLA <small>AGRICULTURAL ARCHITECTURE ENGINEER</small>	CHECKED BY: ENGR. PEPITO M. SORIANO III <small>REGISTERED</small>	RECOMMENDING APPROVAL: CONCEPCION D. JOCSON <small>OIC, FIBER UTILIZATION AND TECHNOLOGY DIVISION</small>	APPROVED BY: EVELYN B. CAGASAM, MM <small>OIC, EXECUTIVE DIRECTOR</small>	SHEET NO. A-17 17/27
		DATE: PRC: 007711 PTR: TPN: VALIDITY DATE: 07/13/2025	REV. DATE: PRC: 008584 PTR: TPN: VALIDITY DATE: 09/29/2025				

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.