





**PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**  
 347 SICALPA RD., DEPARTMENT OF AGRICULTURE  
 CANTON, CAGAYAN PROVINCE, PHILIPPINES

**PROJECT TITLE/LOCATION**  
 RENOVATION OF 450 SQ.M COTTON WAREHOUSE

SHEET CONTENTS	
NO.	DESCRIPTION
1	GENERAL NOTES
2	FOUNDATION
3	STRUCTURE
4	MECHANICAL
5	ELECTRICAL
6	PLUMBING
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8	LANDSCAPE
9	FINISHES
10	MECHANICAL
11	ELECTRICAL
12	PLUMBING
13	PAINTING
14	LANDSCAPE
15	FINISHES

**DESIGN, PREPARED & CHECKED BY**  
 ENR. ROLY A. DOMINICO  
 0007199

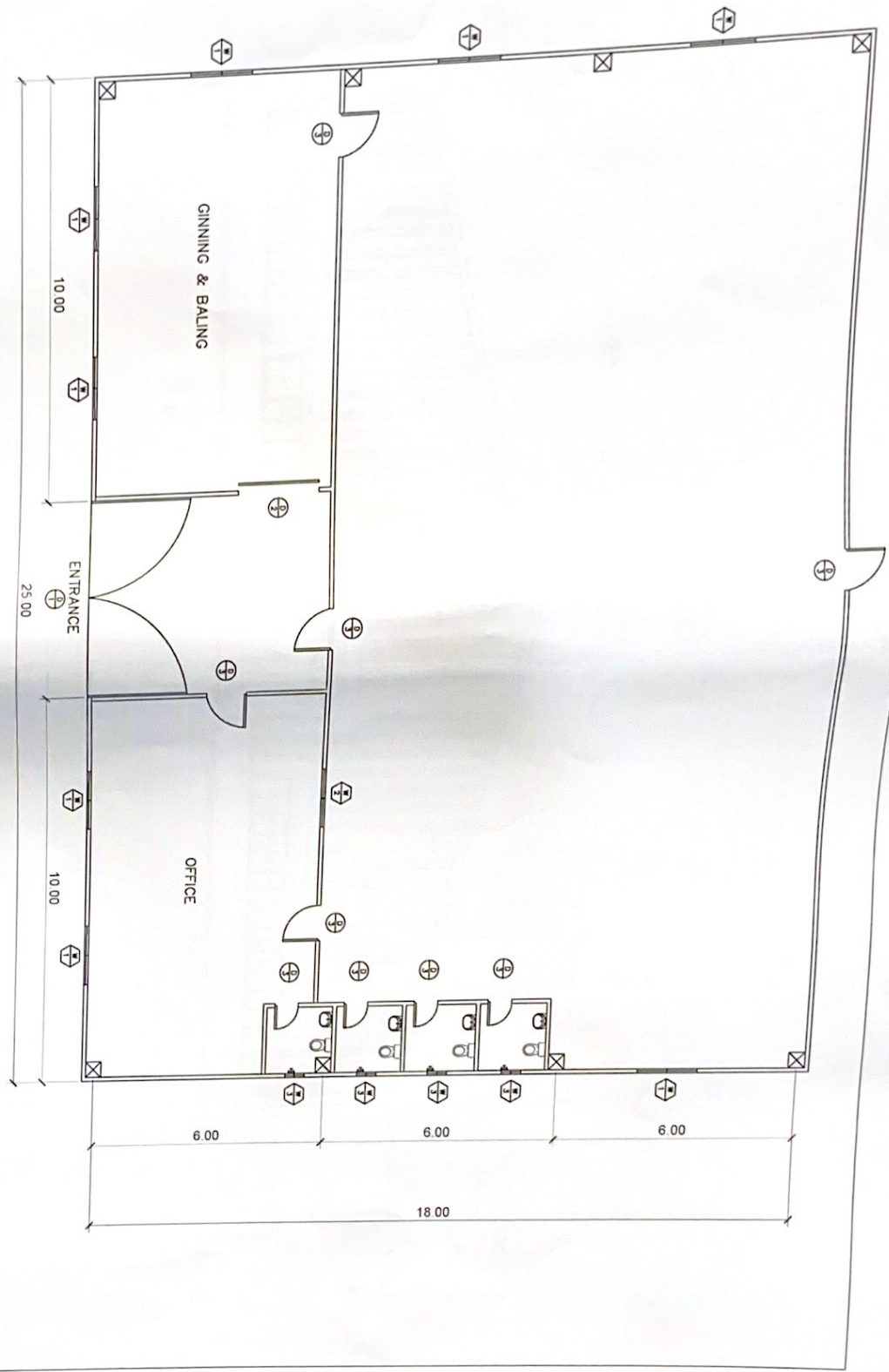
**REVIEWED BY**  
 ENR. ROLY A. DOMINICO  
 0007199

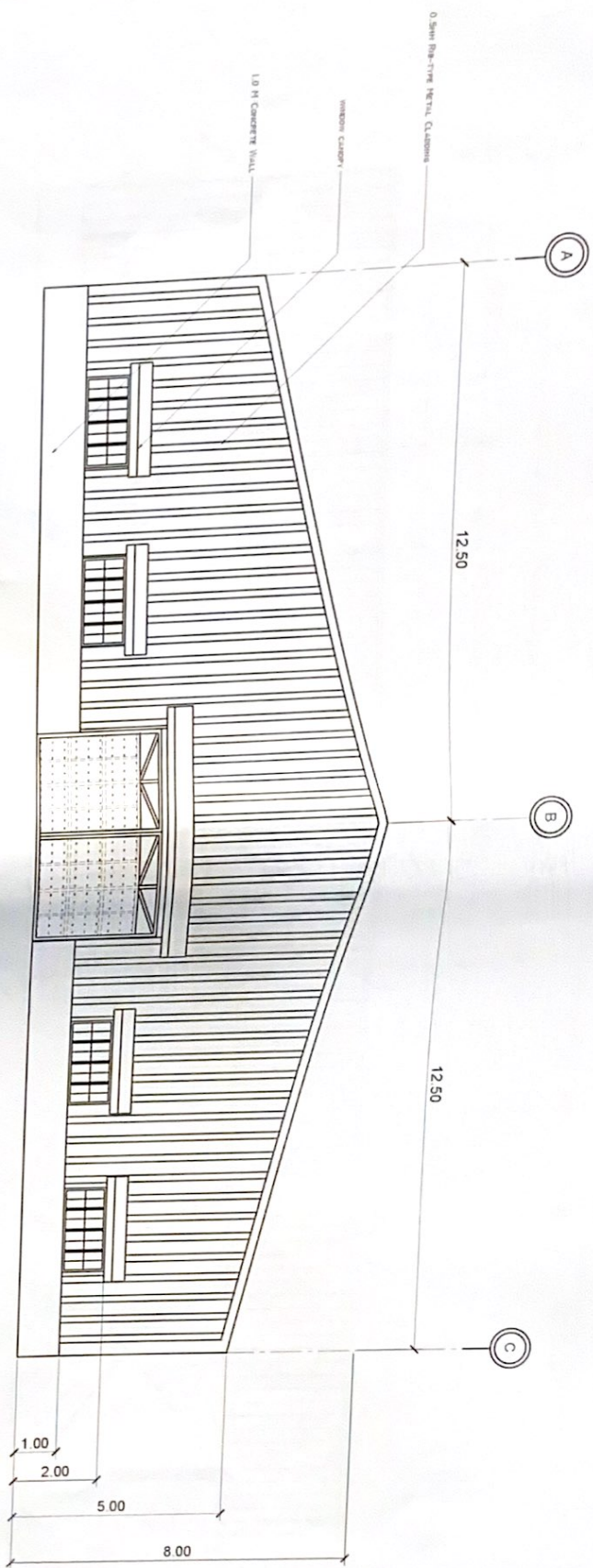
**RECOMMENDED BY**  
 ENR. DANIELA A. ...  
 0007199

**APPROVED BY**  
 KENNETH T. ...  
 EXECUTIVE DIRECTOR

**DATE**  
 18

**COTTON PROCESSING CENTER  
 FLOOR PLAN**





 <b>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY</b> <small>AN AGENCY OF THE DEPARTMENT OF AGRICULTURE AND FISHERIES</small> <small>1101 MARINA VIEW, CANTON, CALABANG CITY</small>	<b>COTTON PROCESSING CENTER</b> <b>FRONT ELEVATION</b> <small>NO. 18</small>		<b>PROJECT TITLE/LOCATION</b> RENOVATION OF 450 SQ.M COTTON WAREHOUSE	<b>SHEET CONTENTS</b> AS SHOWN	<b>DRAWN / PREPARED / CHECKED BY</b> ENGR. ROYAL R. ROSAS	<b>DESIGNED BY</b> ENGR. ROYAL R. ROSAS	<b>RECOMMENDED BY</b> ENGR. MARIELA A. TORRES	<b>APPROVED BY</b> KENNEDY COSTALES	A3 18
			<b>DATE</b> 0004134	<b>ENGINEER'S</b> 	<b>DATE</b> 	<b>REVISIONS</b> 			



**PHILIPPINE FIBER INDUSTRY  
DEVELOPMENT AUTHORITY**  
AN AUTONOMOUS BODY, DEPARTMENT OF AGRICULTURE  
AND RURAL DEVELOPMENT, MALABON CITY, METRO MANILA

PROJECT TITLE/LOCATION: **RENOVATION OF 450 SQM COTTON  
WAREHOUSE**

SHEET CONTENTS:  
A1 SECTION

DESIGNER/ENGINEER:  
ENRICH ROLAN  
1874 39

REVIEWER:  
ENRICH ROLAN HOOD  
PROJECT #

RECOMMENDATION:  
ENRICH ROLAN HOOD  
DEC. 2018

APPROVED:  
KENNEDY COSTALES  
REGISTERED ARCHITECT NO. 18

DATE: 1874 39

SCALE: 1:1

PROJECT TITLE/LOCATION: **COTTON PROCESSING CENTER  
LEFT ELEVATION**

DATE: 1874 39

SCALE: 1:1

PROJECT TITLE/LOCATION: **RENOVATION OF 450 SQM COTTON  
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1874 39

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ENRICH ROLAN HOOD  
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ENRICH ROLAN HOOD  
DEC. 2018

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KENNEDY COSTALES  
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WAREHOUSE**

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ENRICH ROLAN  
1874 39

REVIEWER:  
ENRICH ROLAN HOOD  
PROJECT #

RECOMMENDATION:  
ENRICH ROLAN HOOD  
DEC. 2018

APPROVED:  
KENNEDY COSTALES  
REGISTERED ARCHITECT NO. 18

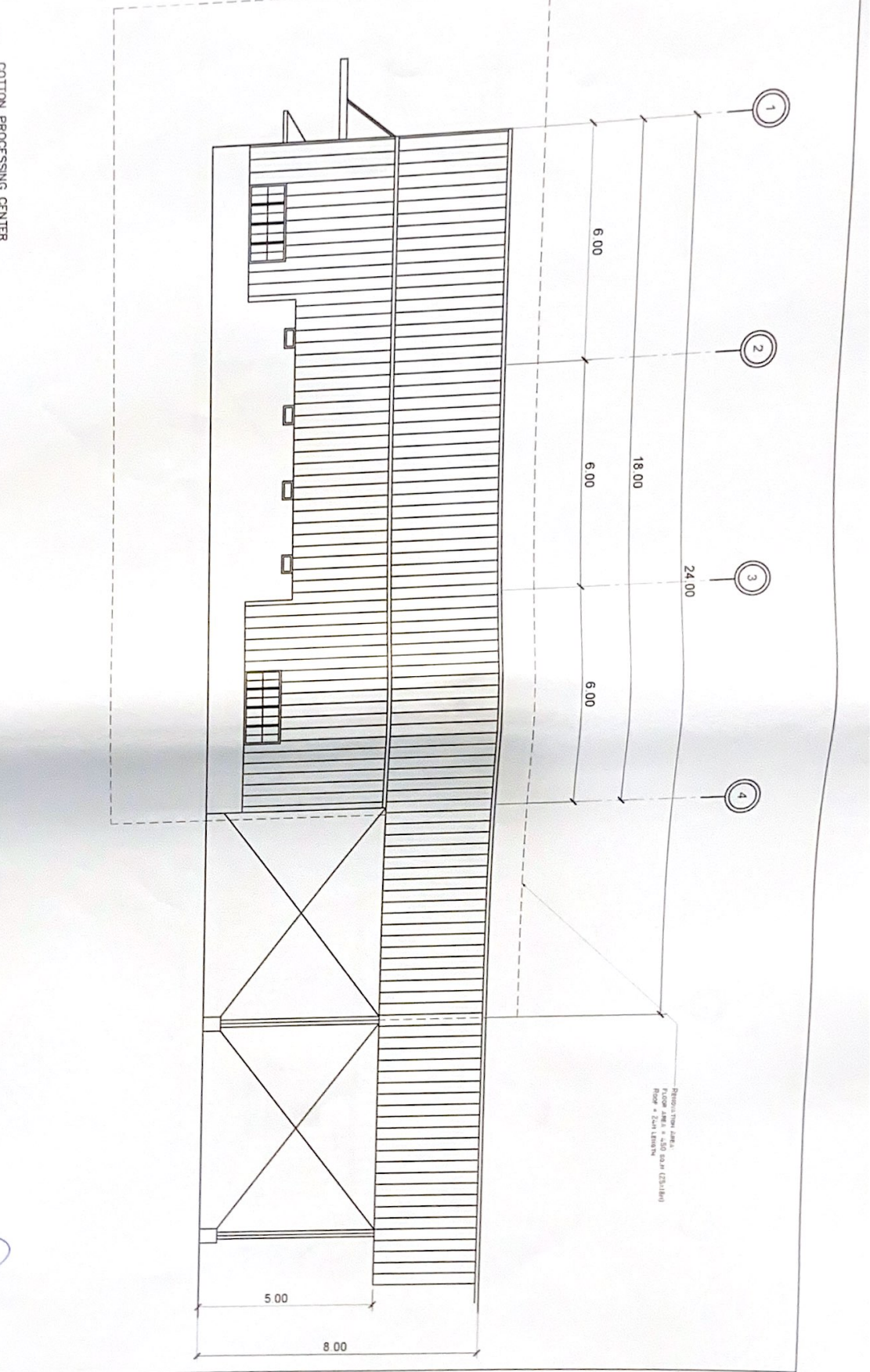
DATE: 1874 39

SCALE: 1:1

PROJECT TITLE/LOCATION: **COTTON PROCESSING CENTER  
LEFT ELEVATION**

DATE: 1874 39

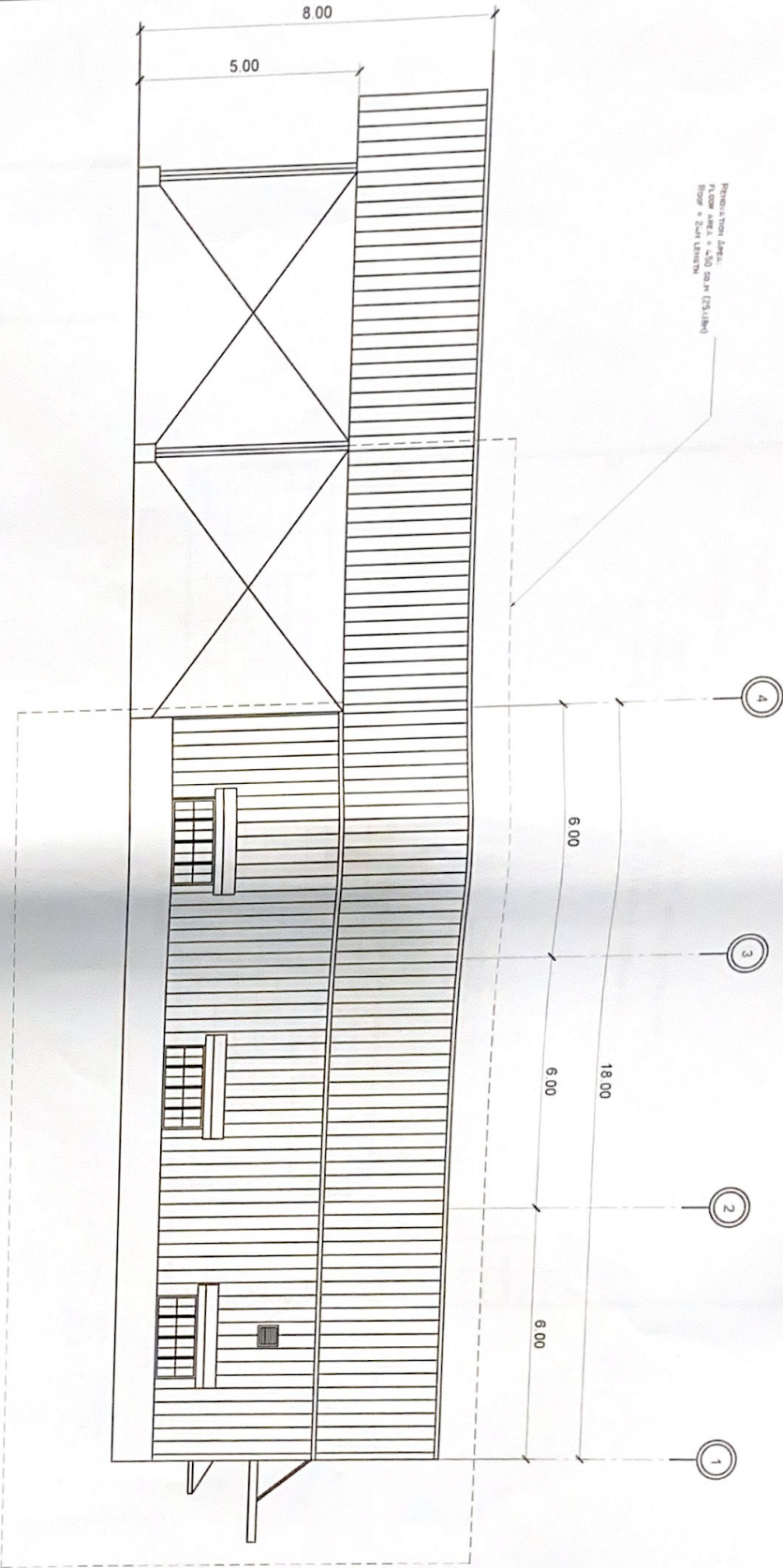
SCALE: 1:1



Reference Area:  
450 sqm (1251.18 sqm)  
Floor = 500 x 1000 mm

*[Handwritten signature]*

PROJECTION AREA:  
 ROOF AREA = 450 SQ.M (23,116)  
 FLOOR = 204 SQ.M (23,116)



**COTTON PROCESSING CENTER**  
**RIGHT ELEVATION**  
 1:1  
 SECTION A

**PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**  
 DEPARTMENT OF AGRICULTURE  
 1101 RIZAL AVENUE, PASAY CITY, PHILIPPINES

PROJECT TITLE/LOCATION  
**RENOVATION OF 450 SQ.M COTTON WAREHOUSE**

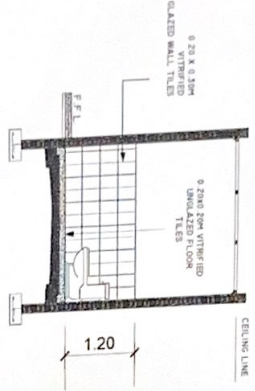
SHEET CONTENTS  
 ALI SODIA

DESIGN / PREPARED / CHECKED BY  
 ENGR. ROLAN A. DOMINGO  
 1501  
 0097474

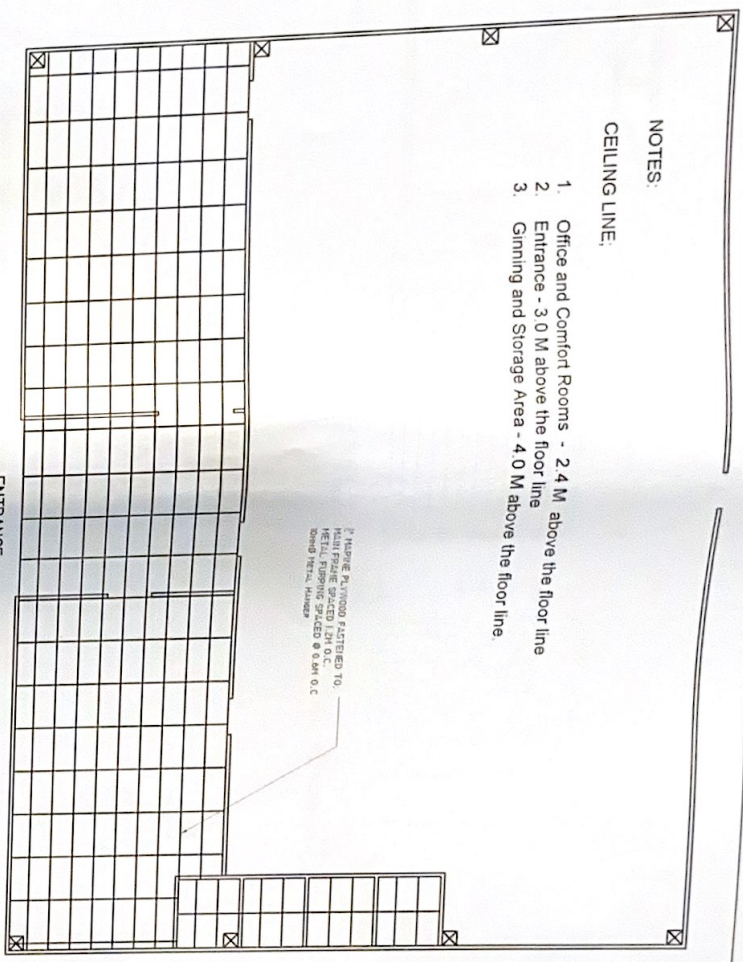
REVISIONS  
 ENGR. ROLAN A. DOMINGO  
 0097474

RECOMMENDED BY  
 ENGR. ROLAN A. DOMINGO  
 DEC. 1980

APPROVED  
 KENNEDY COSTALES  
 EXECUTIVE DIRECTOR



**A**  
 COTTON PROCESSING CENTER  
 TILE DETAILS



- NOTES:**
- CEILING LINE:**
1. Office and Comfort Rooms - 2.4 M above the floor line
  2. Entrance - 3.0 M above the floor line
  3. Ginning and Storage Area - 4.0 M above the floor line

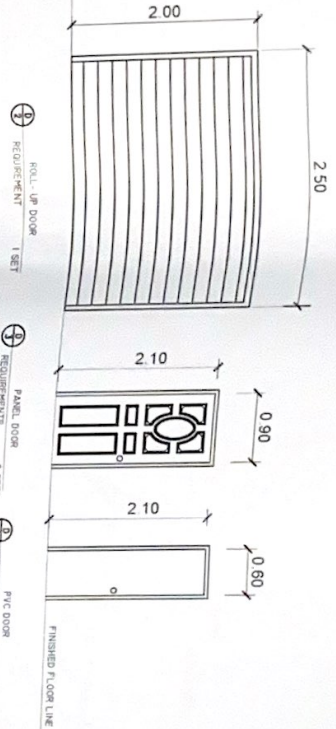
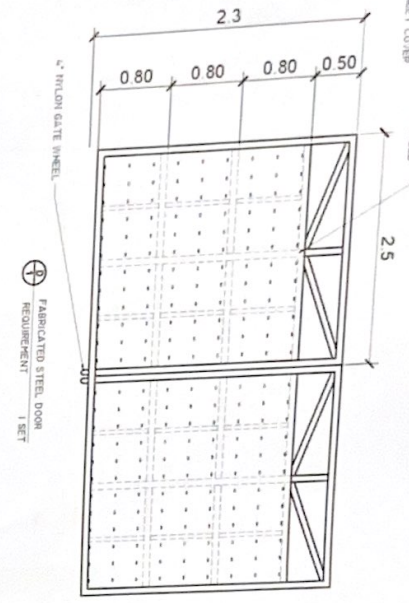
OFFICE OF THE BUILDING OFFICIAL

\_\_\_\_\_  
 MUNICIPAL ENGINEER

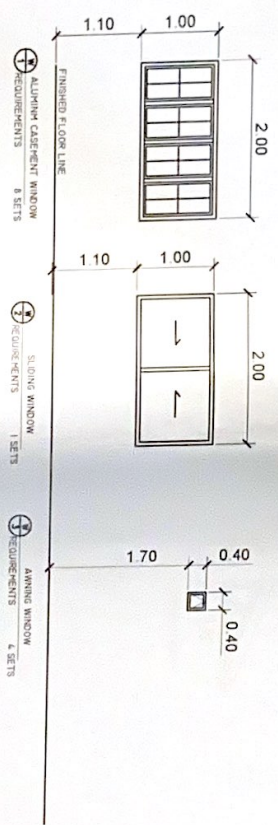
\_\_\_\_\_  
 ARCHITECTURAL

**A**  
 COTTON PROCESSING CENTER  
 CEILING PLAN

MAIN FRAME - 50x100x2.0MM TUBULAR STEEL  
 VERTICAL MEMBER - 50x100x2.0MM TUBULAR STEEL  
 HORIZONTAL MEMBER - 50x100x2.0MM TUBULAR STEEL



**A**  
 SCHEDULE OF DOORS

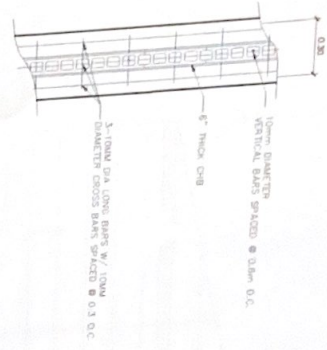


**A**  
 SCHEDULE OF WINDOWS

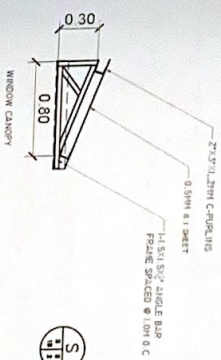
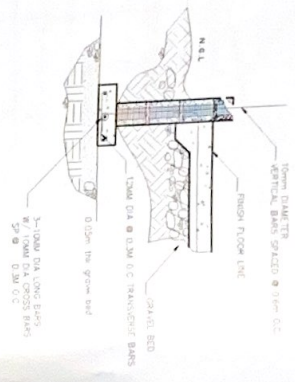
Office of the Planning  
 Municipal Engineer  
 ARCHITECTURAL

<p>PHILIPPINE FIBER INDUSTRY          DEVELOPMENT AUTHORITY  <small>AN AUTONOMOUS BODY OF THE DEPARTMENT OF AGRICULTURE          UNDER THE DEPARTMENT OF TRADE AND INDUSTRY</small></p>	PROJECT TITLE/LOCATION	RENOVATION OF 450 SQ.M COTTON WAREHOUSE	SHEET CONTENTS	OWNER
	<p>ALUMINUM CASEMENT WINDOW REQUIREMENTS 8 SETS</p> <p>SLIDING WINDOW REQUIREMENTS 1 SETS</p> <p>AWNING WINDOW REQUIREMENTS 4 SETS</p>	<p>OWNER</p> <p>PHILIPPINE FIBER INDUSTRY          DEVELOPMENT AUTHORITY  <small>AN AUTONOMOUS BODY OF THE DEPARTMENT OF AGRICULTURE          UNDER THE DEPARTMENT OF TRADE AND INDUSTRY</small></p>	<p>PROJECT TITLE/LOCATION</p> <p>RENOVATION OF 450 SQ.M COTTON          WAREHOUSE</p>	<p>SHEET CONTENTS</p> <p>ALUMINUM CASEMENT WINDOW REQUIREMENTS 8 SETS</p> <p>SLIDING WINDOW REQUIREMENTS 1 SETS</p> <p>AWNING WINDOW REQUIREMENTS 4 SETS</p>
<p>REVISIONS</p> <p>NO. 1</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 2</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 3</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 4</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 5</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 6</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 7</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 8</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 9</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>
<p>REVISIONS</p> <p>NO. 10</p> <p>DATE</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>APPROVED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>	<p>DATE</p> <p>10/17/17</p>	<p>DESIGNED BY</p> <p>ENR. RICHARD RODRIGUEZ</p>

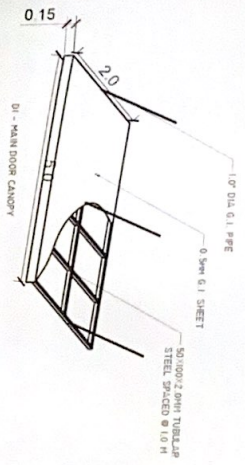
	<b>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY</b> DEPARTMENT OF AGRICULTURE ELIZABETH ROAD, CUBAN, QUEZON CITY	<b>PROJECT IDENTIFICATION</b> RENOVATION OF 450 SQ.M COTTON WAREHOUSE	<b>SHEET CONTENTS</b> A15-001	<b>DESIGN INFORMATION</b> ENGR. RICHARD D. DOMINGO FLOOR NO. 1007879	<b>REVISIONS</b> BY: [Signature] / RMR DATE: 10/27/99	<b>RECOMMENDED APPROVAL</b> ENGR. [Signature] DATE: 10/27/99	<b>APPROVED</b> KENNEDY J. STALES EXECUTIVE DIRECTOR
---	---	--	----------------------------------	--	---	--	--



**COTTON PROCESSING CENTER WALL FOOTING DETAIL**



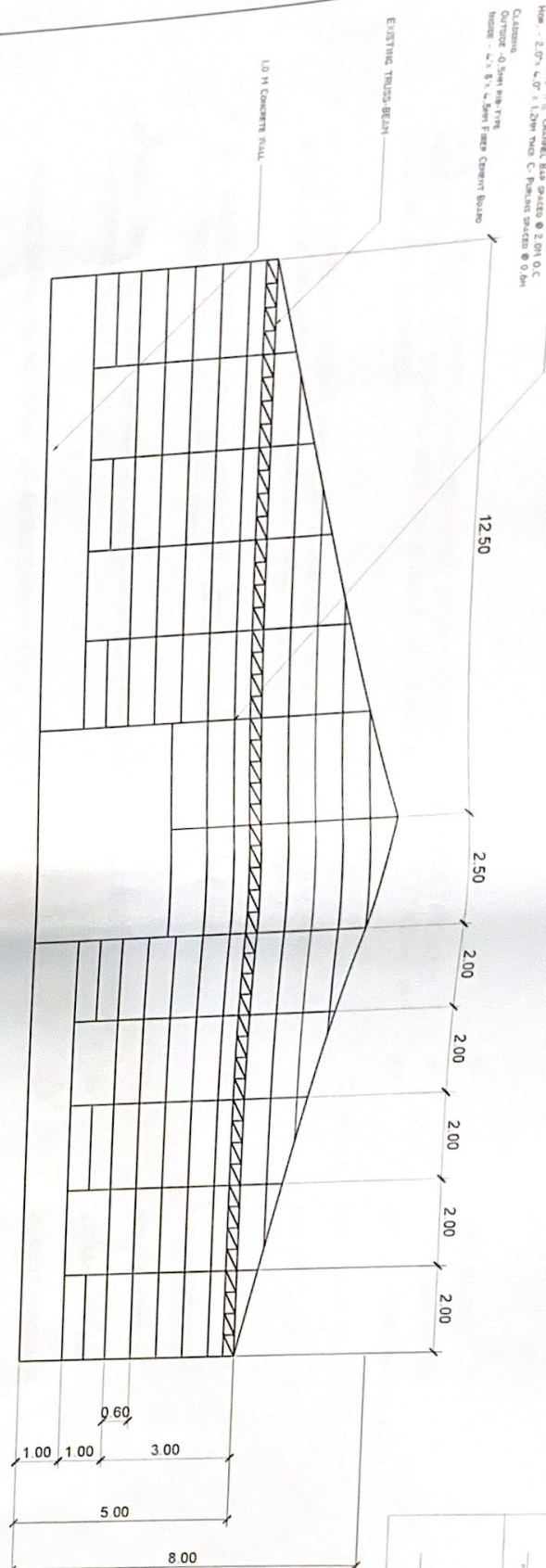
**COTTON PROCESSING CENTER DOOR & WINDOW CANOPY DETAIL**



PREPARED BY: [Signature] DATE: 10/27/99
CHECKED BY: [Signature] DATE: 10/27/99
APPROVED BY: [Signature] DATE: 10/27/99

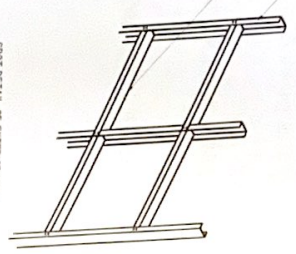


10' x 10' Framing  
 Top - 2" x 4" x 1/2" Oaklign, Bsp Spaced @ 2.0M O.C  
 Hor. - 2" x 4" x 1/2" Oaklign, Bsp Spaced @ 2.0M O.C  
 Outside  
 Outside - 0.5mm Mesh-Ty  
 Inside - 4" x 8" x 0.5mm Fine Cement Board



2.0" x 4.0" x 1/2" Oaklign Bsp  
 Spaced @ 2.0M O.C

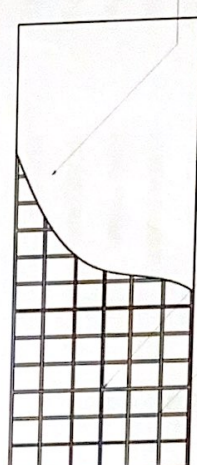
2.0" x 4.0" x 1.2mm Thick C  
 Plywood Spaced @ 0.6M



SPOT DETAIL OF EXTERIOR WALL

2.0" x 1.2mm Tubular Steel Spaced @  
 1.8 M HOR & 2.0 VERT

4" x 8" x 0.5mm Fine Cement Board



SPOT DETAIL OF INTERIOR PARTITION WALL

**COTTON PROCESSING CENTER  
 WALL FRAMING DETAIL**

<p>PHILIPPINE FIBER INDUSTRY          DEVELOPMENT AUTHORITY          3RD FLOOR, DEPARTMENT OF AGRICULTURE          ELAPALAN ROAD, DAVAO QUEZON CITY</p>	PROJECT TITLE/LOCATION	SHEET CONTENTS		DESIGN / PREPARED BY	REVIEWED	RECOMMENDED BY	APPROVED
	RENOVATION OF 450 SQ.M COTTON WAREHOUSE	AS SHOWN	ENGR. BOY / RAND DOMIANO 10/17/19	ENGR. JUAN ROOS 10/17/19	ENGR. MARIE A. ESCOBAR 10/17/19	KENNEDY L. CORRALES 10/17/19	

1  
E-1

# ELECTRICAL SPECIFICATION AND LEGEND

1. ALL ELECTRICAL WORKS SHALL BE DONE BY HIGHLY COMPETENT ELECTRICIANS UNDER THE DIRECT SUPERVISION OF A DULY LICENSED MASTER ELECTRICIAN OR ELECTRICAL ENGINEER.
2. ALL ELECTRICAL WORKS SHALL BE DONE WITH STRICT COMPLIANCE TO RULES AND REGULATIONS IMPOSED BY THE CITY AND THE LOCAL POWER COMPANY.
3. ALL SWITCHES AND CONVENIENCE OUTLETS SHALL BE PLACED IN UTILITY BOXES WITH PROPER PLATES AND COVERS.
4. PANELBOARD SHALL BE INSTALLED WITH A CLEARANCE OF 1000 MILLIMETERS FROM A COMBUSTIBLE CEILING.
5. THERE SHALL BE NO SPLICES AND CONNECTIONS INSIDE THE CONDUITS.
6. PROVIDE JUNCTION BOXES AND PULL BOXES WHEREVER NECESSARY.
7. CONDUITS SHALL BE EMBEDDED IN THE FLOOR OR WALL OR CONCEALED IN THE CEILING.
8. ALL MATERIALS TO BE USE SHALL BE NEW AND SUITABLE FOR THE LOCATION AND PURPOSE.

## LEGEND :

	19W LED LIGHT
	150W HIGH BAY LIGHT
	DUPLEX CONVENIENCE OUTLET
	FIRE ALARM BELL & SWITCH
	FIRE EXIT SIGN
	PANELBOARD
	CIRCUIT BREAKER
	3-GANG SWITCH
	2-GANG SWITCH
	CIRCUIT HOMERUN
	CIRCUIT RUN
	GINNING MACHINE
	BLOWCARD
	DRAW FRAME
	FLYER FRAME
	RING FRAME
	INDUSTRIAL WALL FAN
	EMERGENCY LIGHT

	<b>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY</b> <small>DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT          1000 RIVER ROAD, DAVAO DEL NORTE, DAVAO CITY</small>	<b>PROJECT TITLE/LOCATION</b> RENOVATION OF 450 SQM COTTON WAREHOUSE	<b>SHEET CONTENTS</b> AS SHOWN	<b>DRAWN / REVISIONS BY</b> ENGR. ALVIN D. DOMANCO DATE: 10/27/24	<b>APPROVED</b> ENGR. WARELA R. RODRIGUEZ ENGINEER IN CHARGE	<b>RECOMMENDED BY</b> ENGR. WARELA R. RODRIGUEZ DATE: 10/27/24	<b>APPROVED</b> ENGR. J. COSTALES EXECUTIVE DIRECTOR
E1	18						

OFFICE OF THE ENGINEER  
 OFFICE OF THE BUILDING OFFICIAL  
 ELECTRICAL



**PHILIPPINE FIBER INDUSTRY  
DEVELOPMENT AUTHORITY**  
387 RUFFALO ROAD, DAVAO DEL NORTE  
DURAN, DAVAO DEL NORTE

**PROJECT TITLE/LOCATION**  
RENOVATION OF 450 SQ.M COTTON  
WAREHOUSE

**SHEET CONTENTS**  
AS SHOWN

**DESIGN REVIEWER'S NAME/COMPANY**  
EVAN ROYAL AND DOMINGO  
1001 *WAGAY*

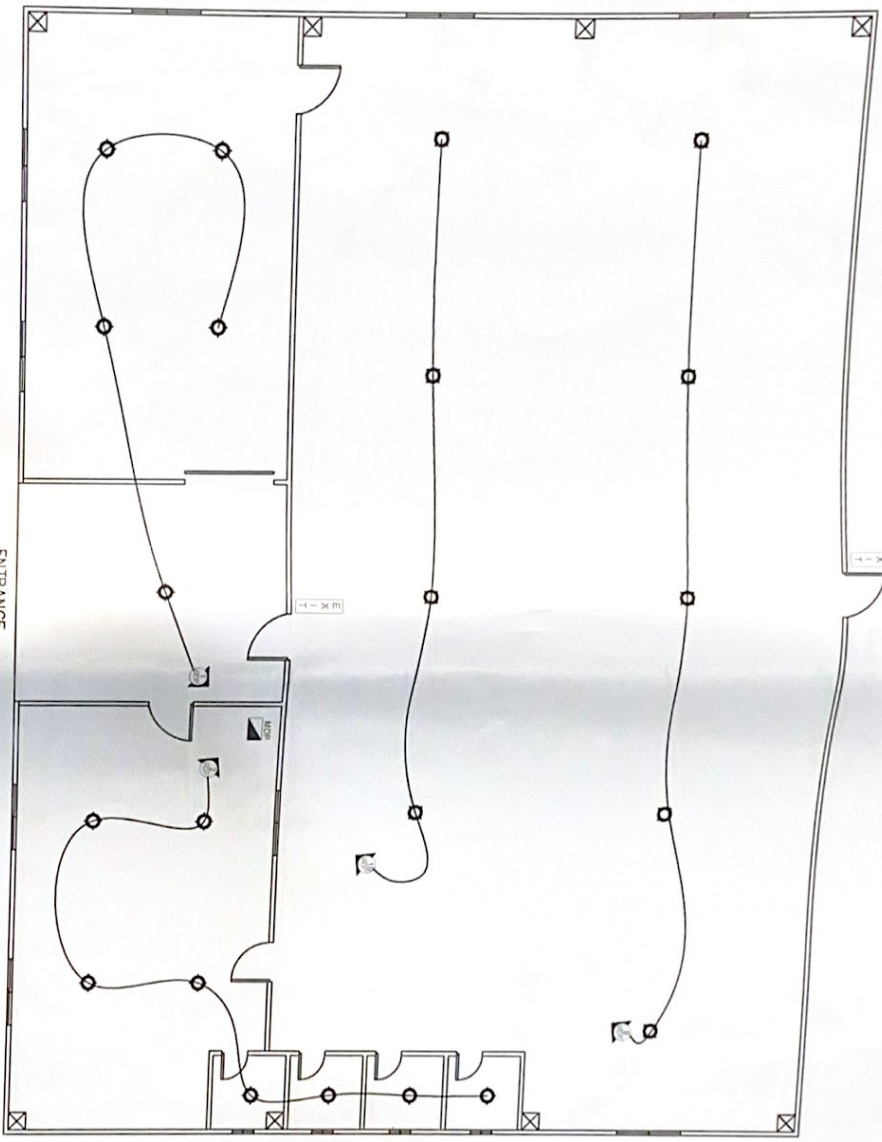
**DESIGNED BY**  
*[Signature]*  
BRIAN BLAIR BOOS  
ENGINEER I

**RECOMMENDED BY**  
*[Signature]*  
EVAN ROYAL AND DOMINGO  
DEC. 02

**APPROVED BY**  
*[Signature]*  
KENNETH COSTALES  
DIRECTOR GENERAL

E2  
18

**COTTON PROCESSING CENTER  
LIGHTING OUTLET LAYOUT**

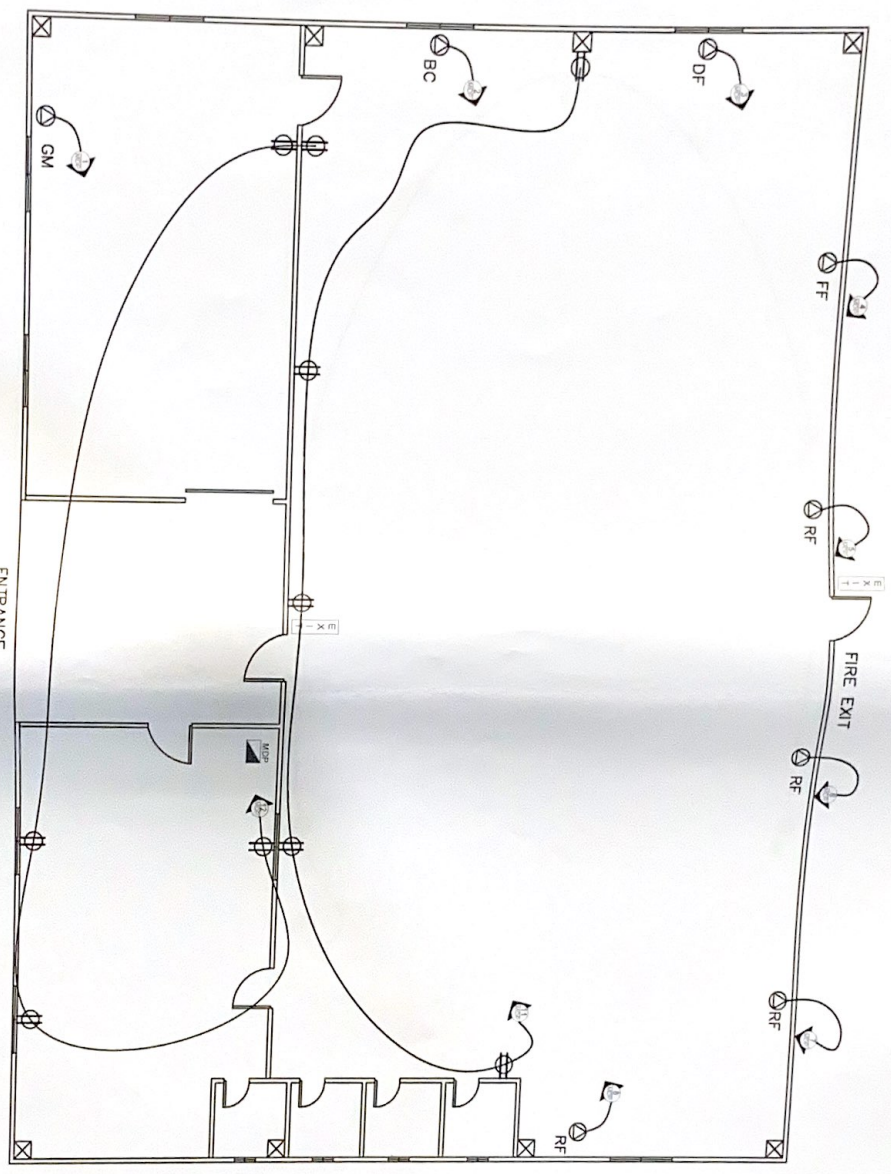


Checked by the Designer  
Office of the Building Official

MECHANICAL ENGINEER

ELECTRICAL


**COTTON PROCESSING CENTER**  
**LIGHTING OUTLET LAYOUT**  
 1st FLOOR



PROJECT TITLE/LOCATION: **RENOVATION OF 450 SQM COTTON WAREHOUSE**

SHEET CONTENTS:

DRAWN / PREPARED / CHECKED BY: **EVA N. RIVERA**  
 PROJECT NO.: **103-103-079**

DESIGNED BY: **ENR. ISHAR ROOS**  
 ENGINEER'S SIGNATURE: *[Signature]*

RECOMMENDED BY: **Kenia O. Reyes**  
 ENGR. MANAGER'S SIGNATURE: *[Signature]*  
 DEC. RECD.

APPROVED BY: **KENNEDY T. KORTALES**  
 DIRECTOR'S SIGNATURE: *[Signature]*

APPROVED BY THE ELECTRICAL ENGINEER  
 ELECTRICAL

**COTTON PROCESSING CENTER  
VENTILATION SYSTEM**



OWNER  
**PHILIPPINE FIBER INDUSTRY  
DEVELOPMENT AUTHORITY**  
3F DAVAO R. D. DEPARTMENT OF AGRICULTURE  
ELIZABETH HOUSE, STRAITS, CEBU CITY

PROJECT TITLE/LOCATION  
**RENOVATION OF 450 SQM COTTON  
WAREHOUSE**

SHEET CONTENTS

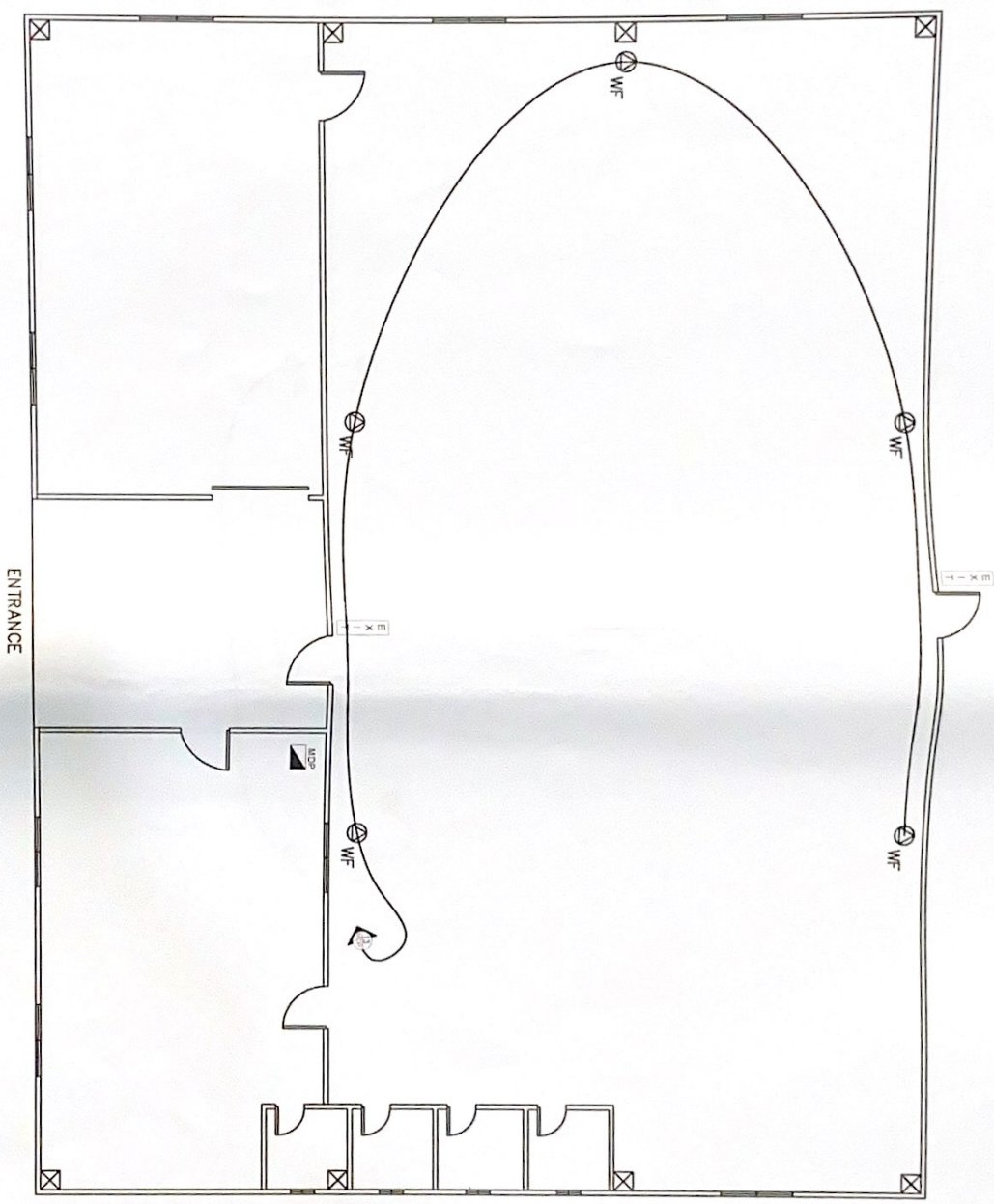
AS SHOWN
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DESIGN / PREPARED / CHECKED BY  
ENGR. ROLAND DOMINICO  
R.D.

REVISIONS  
ENGR. RYAN ROOFS  
ENGINEER II

RECOMMENDED BY  
ENGR. MARICELA A. FORTUON  
OC. PEO

APPROVED  
KENNEDY COSTALES  
EXECUTIVE DIRECTOR II



DESIGNED BY: ENGR. ROLAND DOMINICO  
OFFICE OF THE EXECUTIVE DIRECTOR  
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY

MECHANICAL ENGINEER

ELECTRICAL



PHILIPPINE FIBER INDUSTRY  
DEVELOPMENT AUTHORITY  
1000 Bldg. Department of Agriculture  
Luzon Road, Marikina City

PROJECT TITLE/LOCATION  
RENOVATION OF 450 SQ.M COTTON  
WAREHOUSE

DRAWN / PREPARED & SIGNED BY  
ENGR. ROY A. VILLANUEVA  
1/20/17

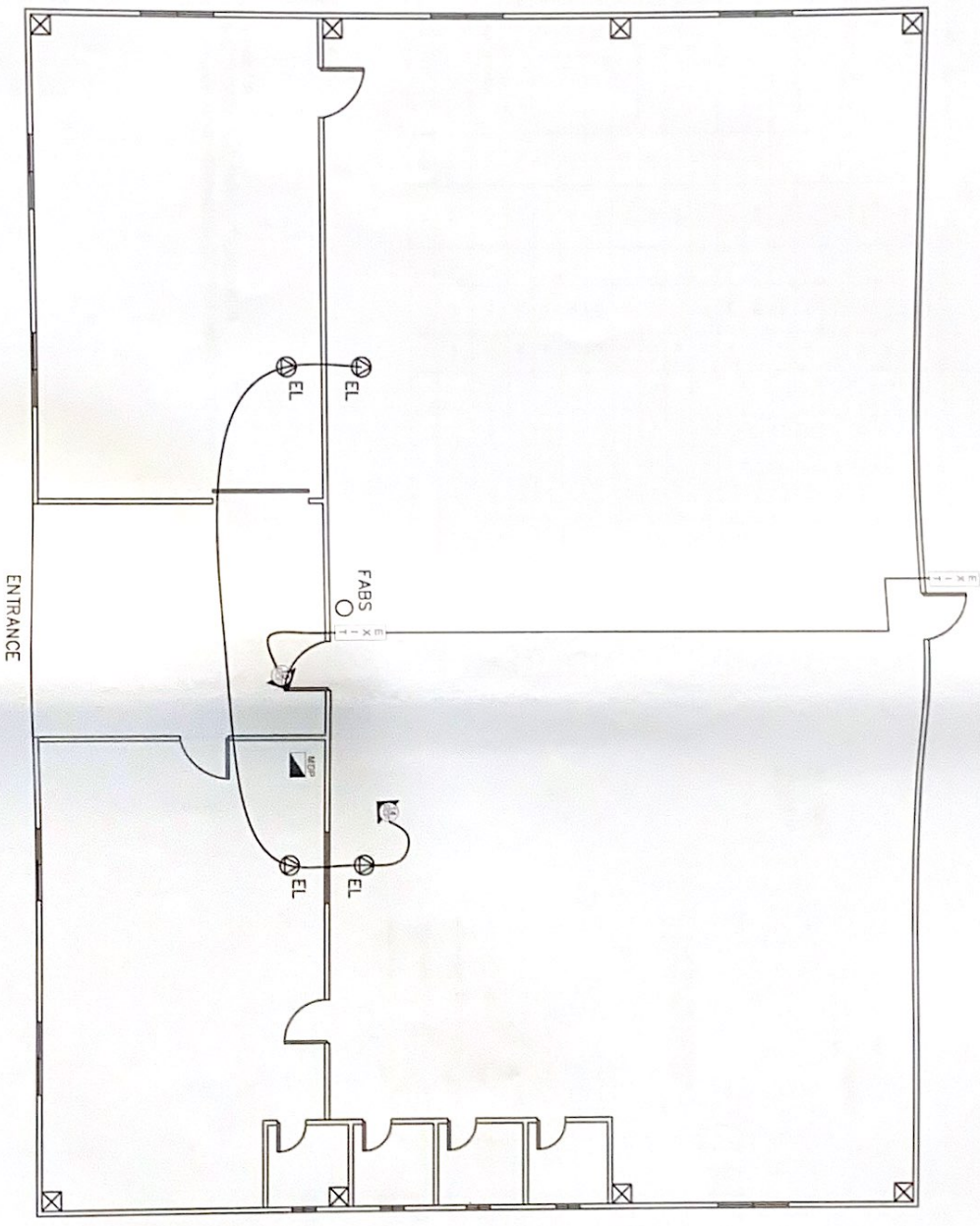
ENGINEER  
ENGR. R. RODRIGUEZ

RECOMMENDED APPROVED  
ENGR. J. S. SORIANO  
DEC 1910

APPROVED  
KENNEDY CORTALES  
EXECUTIVE DIRECTOR



COTTON PROCESSING CENTER  
FIRE ALARM AND EMERGENCY SYSTEM



Approved by the Professional  
Office of the Electrical Official

\_\_\_\_\_  
PROFESSIONAL ENGINEER

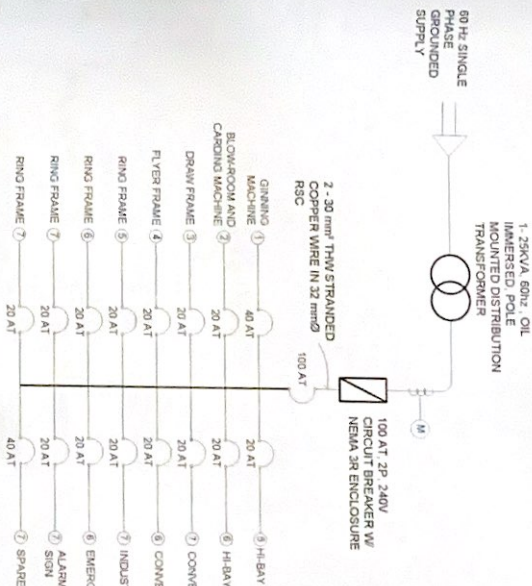
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# LOAD SCHEDULE

CIRCUIT NUMBER	DESCRIPTION OF LOAD	VA LOAD	CURRENT	CIRCUIT BREAKER			CONDUCTOR		TYPE	DIA/CLER	TYPE
				POLE	FRAME	TRIP	SIZE	TYPE			
1	1 x SNOW GRABBING MACHINE	5000	21.74	2	225	40 A	2 - 8.0 mm <sup>2</sup> & 1 - 5.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
2	1 x TWIN LED COMBINED BLOW-ROOM & CARBING MACHINE	1000	4.34	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
3	1 X 0.2M DRAW FRAME MACHINE	300	1.3	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
4	2 X 0.5M FLYER FRAME MACHINE	1000	4.34	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
5	10 X 0.2M RING FRAME MACHINE	2000	8.70	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
6	10 X 0.2M RING FRAME MACHINE	2000	8.70	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
7	10 X 0.2M RING FRAME MACHINE	2000	8.70	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
8	10 X 0.2M RING FRAME MACHINE	2000	8.70	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 2.0 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
9	5 X 150W HI BAY LUMINAIRE	750	3.28	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
10	4 X 150W HI BAY LUMINAIRE	600	2.60	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
11	8 X 80W CONVENIENCE OUTLET	600	3.91	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
12	3 X 150W CONVENIENCE OUTLET	400	3.91	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
13	5 X 250W INDUSTRIAL WALL FAN	1250	6.43	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
14	4X 80W EMERGENCY LIGHT	400	1.74	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
15	1X 200W ALARM BELL, 1X 10W FIRE EXIT SIGN	220	0.99	2	225	20 A	2 - 3.5 mm <sup>2</sup> & 1 - 3.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
16	1X 200W SPARE CIRCUIT	2000	8.69	2	225	40 A	2 - 8.0 mm <sup>2</sup> & 1 - 5.5 mm <sup>2</sup> (G)	THHN	20 mm	UPVC	
TOTAL PHASE CURRENT			223.0	9.7							

## COMPUTATION

$I_L = 25 \text{ kVA} / (230 \text{ V}) = 108.7 \text{ A}$   
 USE 100AT, 2P, 240V MOLDED CASE CIRCUIT BREAKER  
 USE 2 - 30 mm<sup>2</sup> & 1 - 22 mm<sup>2</sup> THW STRANDED COPPER WIRE IN 32 mm<sup>2</sup> RSC



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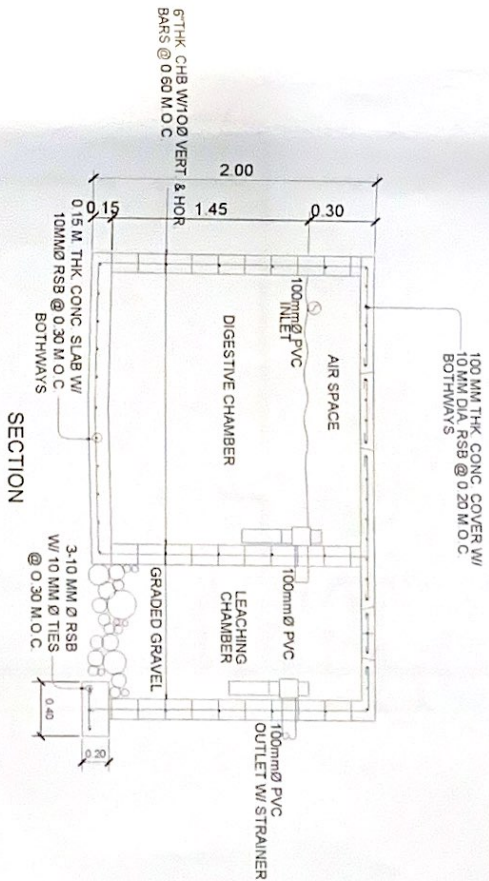
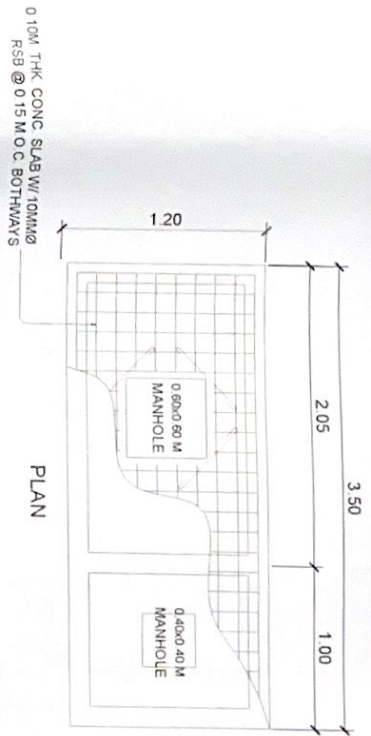
 PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY <small>AN AGENCY UNDER THE DEPARTMENT OF AGRICULTURE AND FISHERIES</small>	PROJECT TITLE/LOCATION	RENOVATION OF 450 SQ.M COTTON WAREHOUSE	
	SHEET COMMENTS	AS SHOWN	
DESIGNED BY	ENGR. RICHIE ALVIN D. DOMIANO	DATE	11/17/24
REVISIONS	ENGR. JENAR R. RODS	DATE	11/17/24
APPROVED BY	ENGR. WENDEL A. FERNANDEZ	DATE	11/17/24
APPROVED BY	KENNEDY N. CONSTALES	DATE	11/17/24
NO.	E6	OF	18

## 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 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  $\phi$  12.5 MM (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  $\phi$  75 MM (3") FOR SOIL STACK,  $\phi$  50 MM (2") FOR SOIL BRANCHES USE PVC PIPES AND FITTINGS, NELTEX OR ITS APPROVED EQUIVALENT

## LEGEND :

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



**COTTON PROCESSING CENTER  
 DETAIL OF SEPTIC TANK**

<p>PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY                  DEPARTMENT OF AGRICULTURE                  ELIPTICAL ROAD, DAVAO REGIONAL OFFICE</p>	PROJECT/EDUCATION	RENOVATION OF 450 SQ.M COTTON WAREHOUSE	SHEET CONTENTS	AL SEWAGE	DRAWN / PREPARED & CHECKED BY	ENGR. JOY A. ALVINO D. DOMINGO 0972 74	REVISIONS	ENGR. ENRIQUE RODRIGUEZ ENGINEER I	RECOMMENDED BY	ENGR. BARBETA A. RODRIGUEZ OC. REG.	APPROVED	KENNEDY T. COSTALES EXECUTIVE DIRECTOR III
	PROJECT/EDUCATION	RENOVATION OF 450 SQ.M COTTON WAREHOUSE	SHEET CONTENTS	AL SEWAGE	DRAWN / PREPARED & CHECKED BY	ENGR. JOY A. ALVINO D. DOMINGO 0972 74	REVISIONS	ENGR. ENRIQUE RODRIGUEZ ENGINEER I	RECOMMENDED BY	ENGR. BARBETA A. RODRIGUEZ OC. REG.	APPROVED	KENNEDY T. COSTALES EXECUTIVE DIRECTOR III

OFFICE OF THE PLUMBING OFFICIAL  
 MUNICIPAL ENGINEER  
 PLUMBING





PHILIPPINE FIBER INDUSTRY  
DEVELOPMENT AUTHORITY  
34 TANKER RD. DEPARTMENT OF AGRICULTURE  
ELIPTICAL ROAD, CAGMAN, CAGMAN CITY

**P**  
COTTON PROCESSING CENTER  
WATERLINE LAYOUT  
SCALE: 1:100

PROJECT TITLE/LOCATION  
RENOVATION OF 450 SQ.M COTTON  
WAREHOUSE

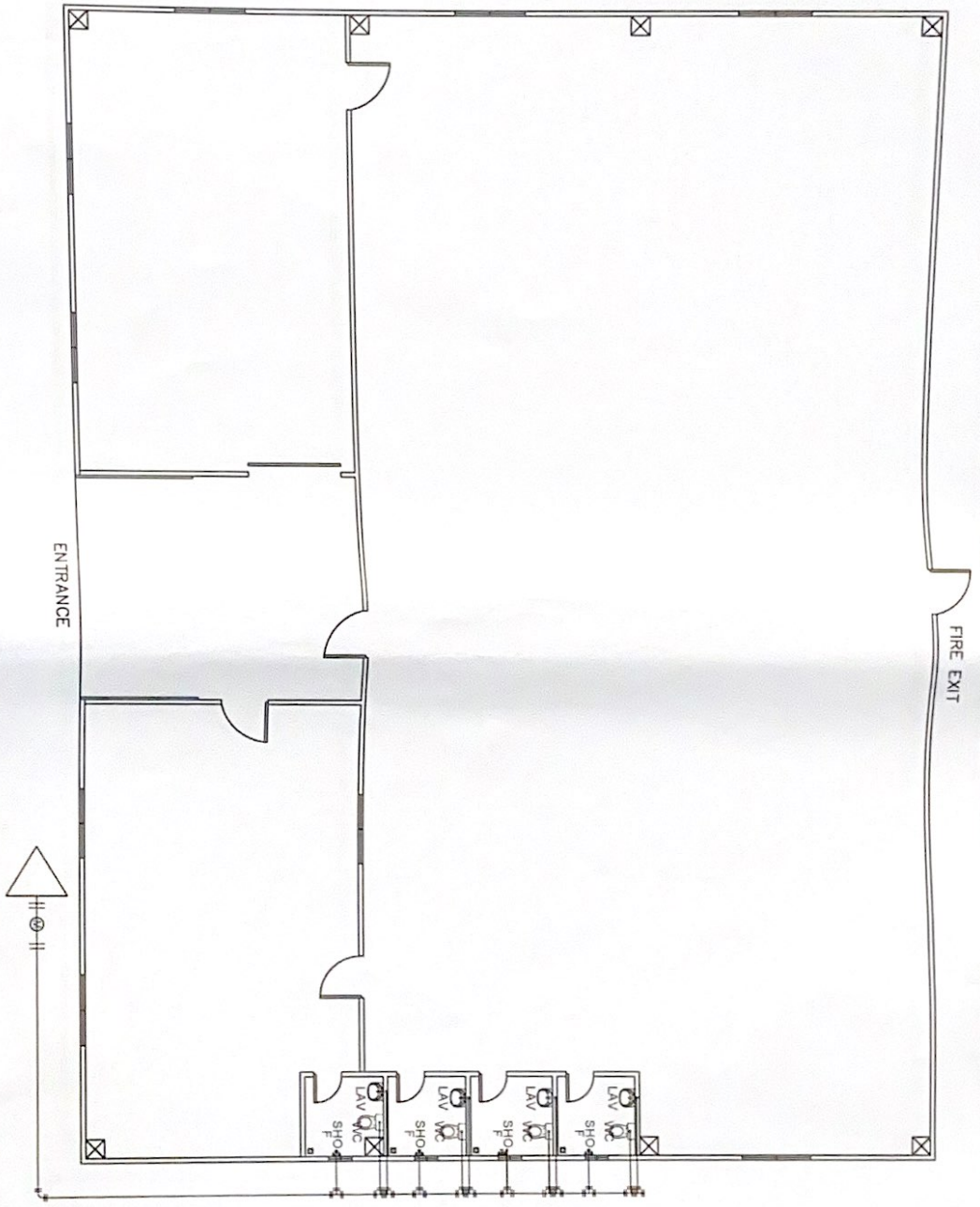
SHEET CONTENTS  
AS SHOWN

DRAWN / PREPARED & CHECKED BY  
ENGR. ROMAN MIND DOMINICO  
1003 0097214

REVIEWED  
ENGR. IRMA R. RODRIGUEZ

RECOMMENDED  
ENGR. MARIELA A. FERRER  
DEC. 1982

APPROVED  
KENNEDY J. COSTALES  
EXECUTIVE DIRECTOR III



RECORDS OF THE PROJECT  
OFFICE OF THE ASSISTANT OFFICIAL  
FLUORING

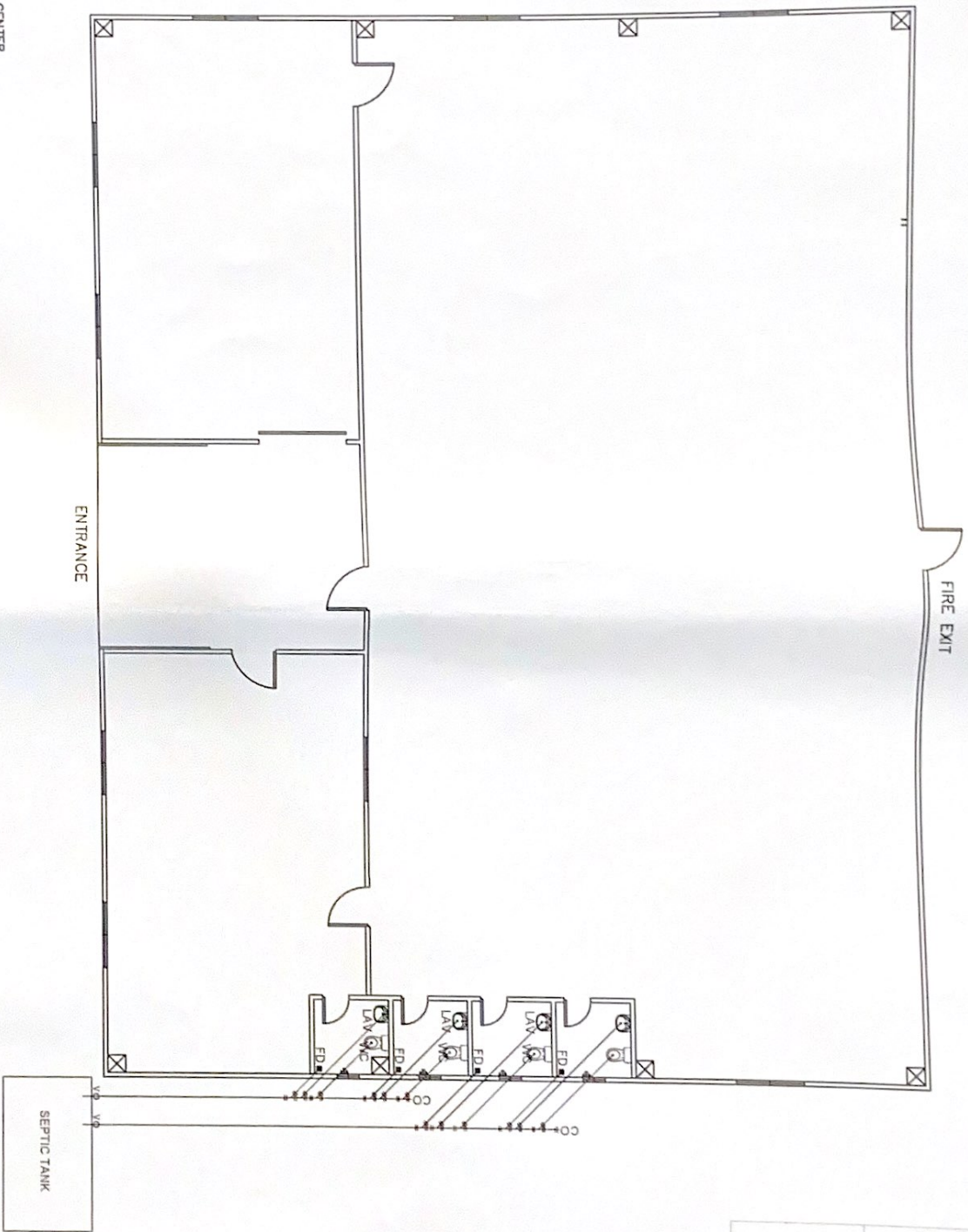
MATERIAL NUMBER

FLUORING



**COTTON PROCESSING CENTER  
SEWERLINE LAYOUT**

OWNER	PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY JAL ORANGE ROAD, 1000 BULACAN, QUEZON CITY
PROJECT TITLE/LOCATION	RENOVATION OF 430 SQM COTTON WAREHOUSE
DATE CONTINUED	ALSOVA
DESIGNER	ENGR. R. V. ALVINO DOMINCO 1991 RMC 174
REVISOR	ENGR. ENRICO RODRIGUEZ
RECHECKER	ENGR. WARETIA A. RODRIGUEZ
APPROVED	KENNETH T. COSTALES EXECUTIVE DIRECTOR III



Office of the Philippines  
Office of the Building Official  
MARCUS M. GONZALES  
PLUMBER