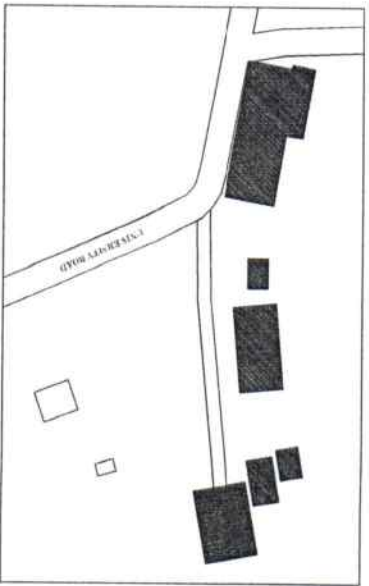
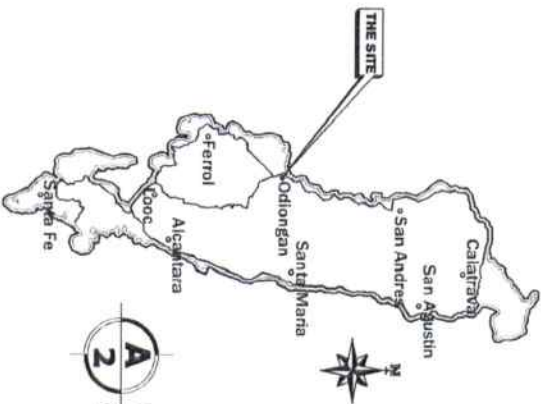


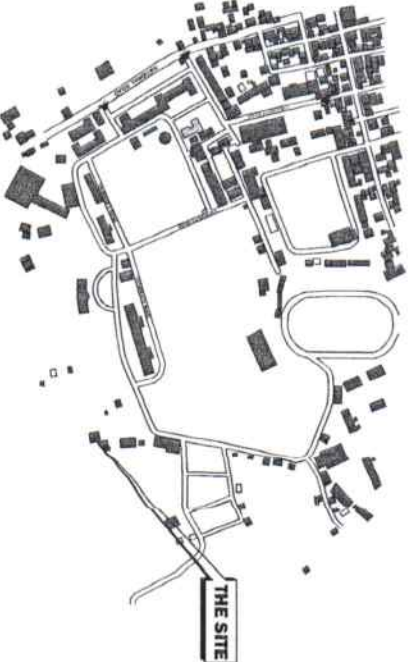
A PERSPECTIVE
1 NOT DRAWN TO SCALE



A SITE DEVELOPMENT PLAN
3 NOT DRAWN TO SCALE



A VICINITY MAP
2 NOT DRAWN TO SCALE



A LOCATION MAP
4 NOT DRAWN TO SCALE

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS
AND HIGHWAYS
OFFICE OF THE BLDG. OFFICIAL

APPROVED BY:

LAND USE AND ZONING

LINE AND GRADE

ARCHITECTURAL

STRUCTURAL

MECHANICAL

ELECTRICAL

MECHANICAL

SHEET CONTENT:

SHEET NO:

APPROVED BY:

A-1



REPUBLIC ACT 9296 SEC. 33
DESIGNED AND DRAWN PURSUANT TO THE AUTHORITY OF THE ARCHITECT, ENGINEER OR PROFESSIONAL LANDSCAPE ARCHITECT, THE WORK HEREON SHALL BE VALID AND LEGAL IN EXERCISE OF HIS OR HER PROFESSIONAL RESPONSIBILITY AND SHALL BE SUBJECT TO THE SUPERVISION AND CONTROL OF THE ARCHITECT.

ENGINEER:

ENR. NORA M. TIANGA JR.
REGISTERED PROFESSIONAL ENGINEER

PRG REG. NO. 0154742
PRN No. 7707197
RPO: DOONGAN

PROJECT TITLE:

ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS

LOCATION: ROBILAN STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY:

ENR. MARICELLE DOMINAGO

PRN No. 7707197

NOTED BY:

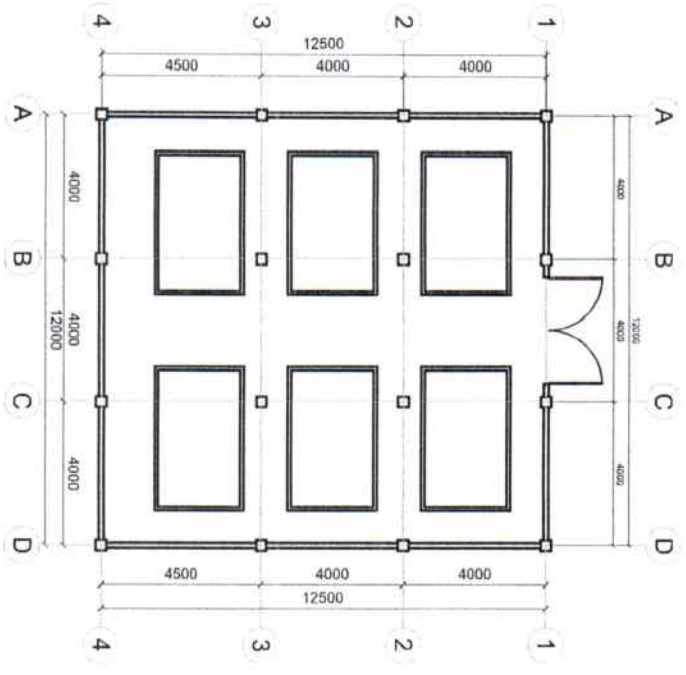
ARCH. HANNAH P. JOSTA, JR.

PRN No. 7707197

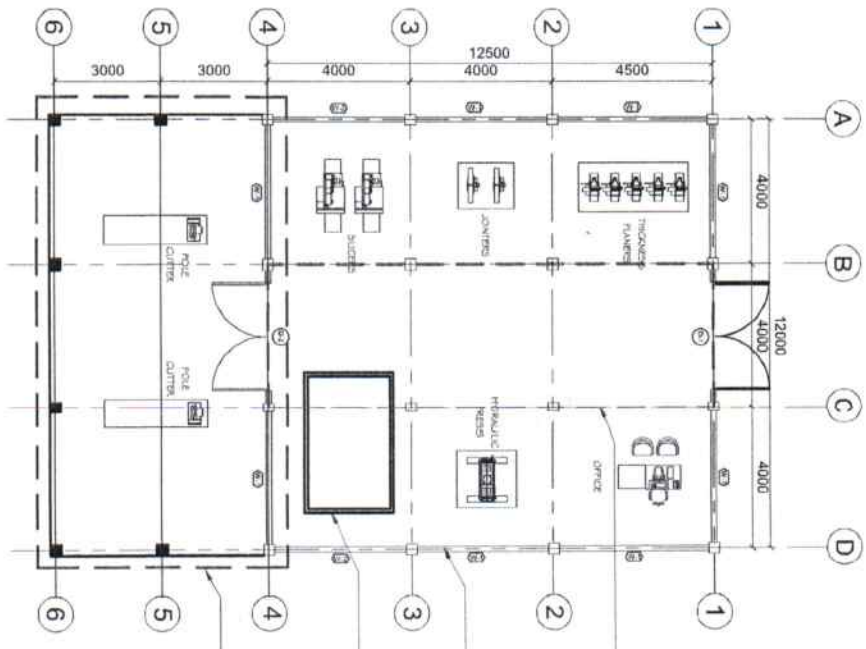
APPROVED BY:

MERRYL CATALAN-MANAB, D. CESE

PRN No. 7707197



A EXISTING FLOORPLAN
1:150m



A PROPOSED FLOORPLAN
1:150m



REP. ACT 8296 SEC. 33
 DEMANDS AND COMES THEREBY, AS
 REPRESENTATIVE OF SERVICE, AND THE
 PROPERTY OF THE ARCHITECT, WHETHER
 THE WORK FOR WHICH THEY ARE MADE
 BE EXECUTED OR NOT, AND NOT TO BE
 USED IN ANY MANNER OR FOR ANY
 PURPOSE WITHOUT THE CONSENT OF THE
 ARCHITECT.

ENGINEER:

ENGR. SOEL M. TANGAIR, IR

PRG REG. No. : 015474
 ETR No. : 770197
 Date : 01-04-2024
 TN : 35-187-283

PROJECT TITLE:

**ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY
 FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL
 STUDENT DESKS AND CHAIRS**

LOCATION: ROMBON STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY :

FAVE MURRIELLE R. BANTAGO
 CAD Operator

CHECKED BY :

ENGR. SOEL M. TANGAIR, IR

NOTED BY :

ARCH. HANNAH ESTHER MORTA, BSE
 Architect

APPROVED BY :

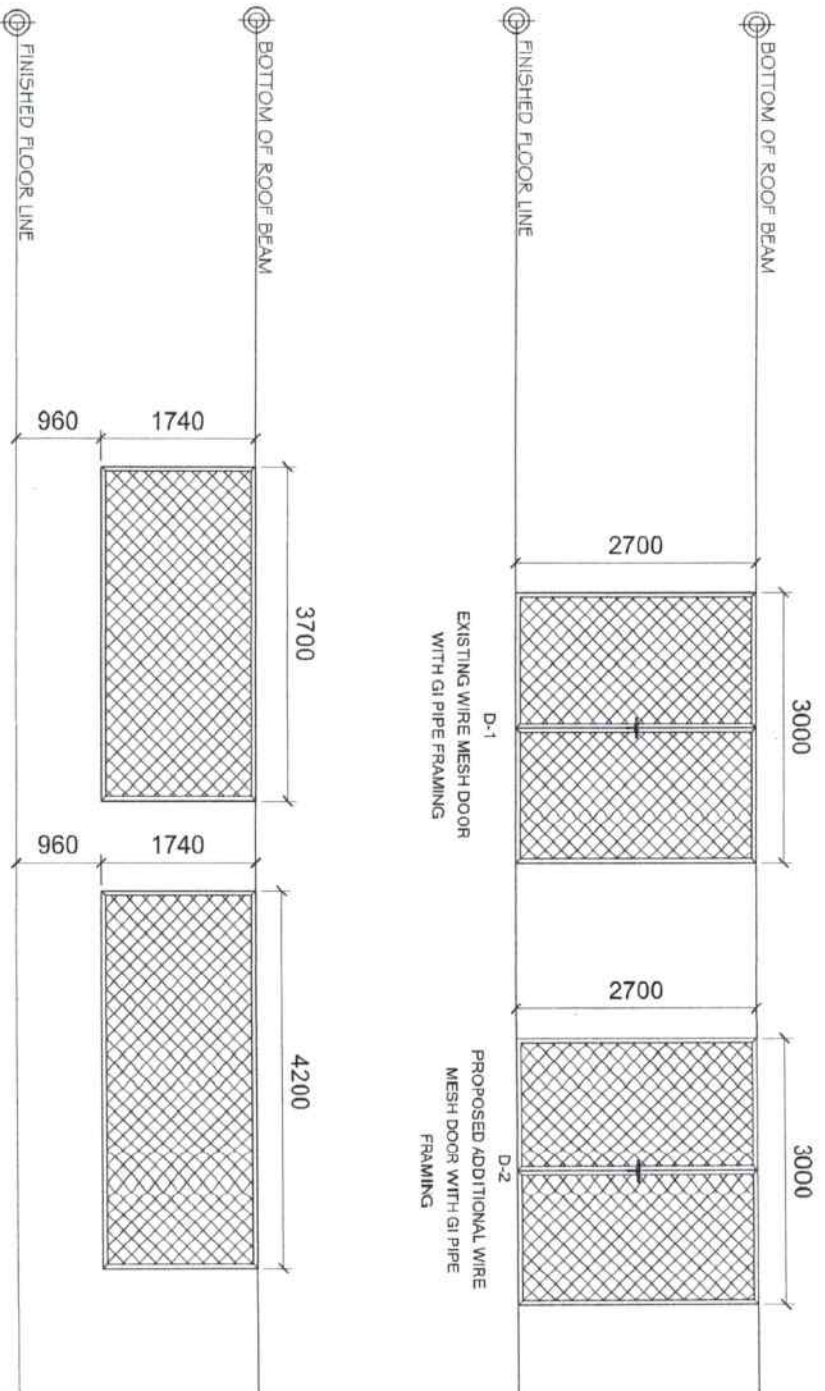
MERIANE CATALAY-MANDEL D. CERRE
 Head of the Department

SHEET CONTENT:



AS SHOWN

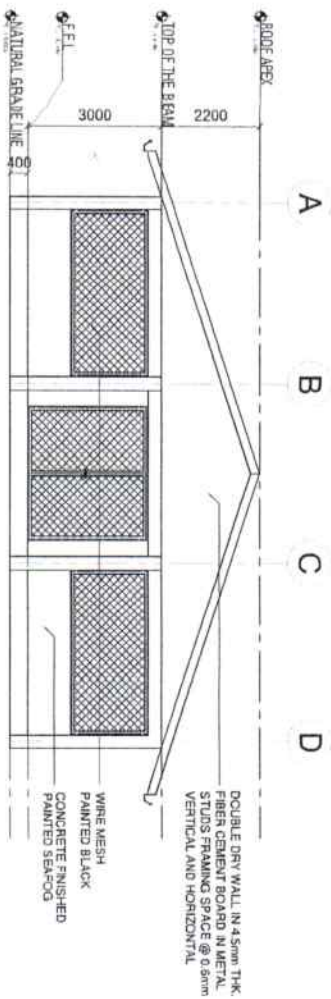
SHEET NO.

A-2

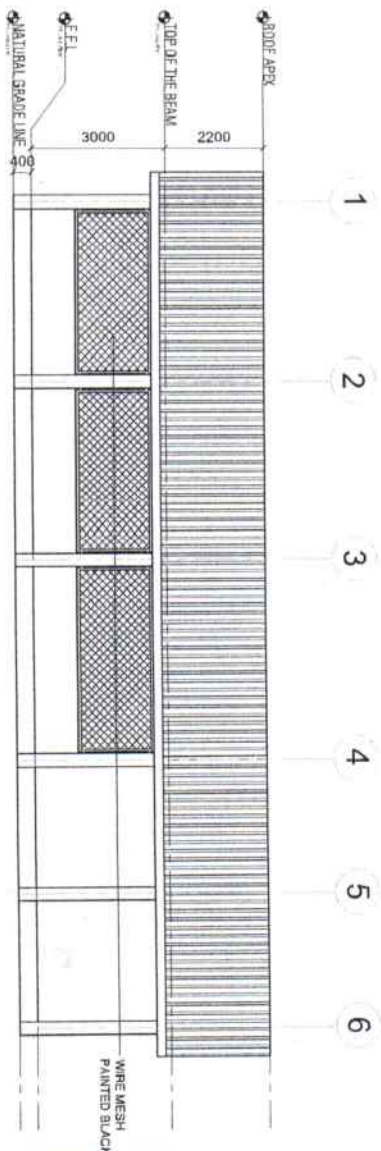


A
 SCHEDULE OF DOORS AND WINDOWS
 1
 SCALE
 1:100m

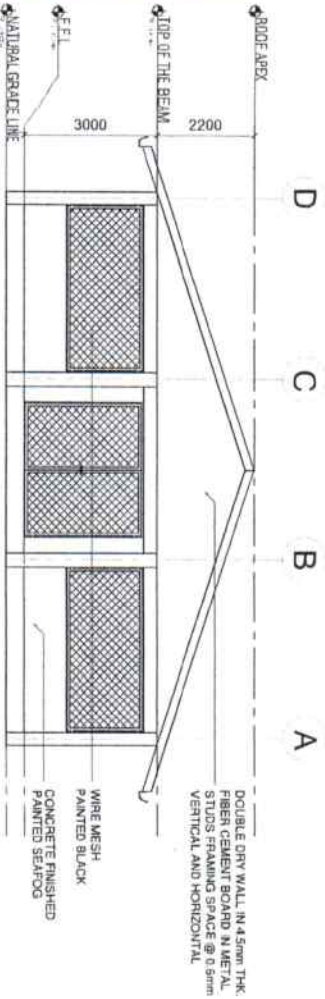
	REP. ACT 9298 SEC. 33 DRAWING AND CONSTRUCTION AS INSTRUMENT OF SERVICE, AND THE PROPERTY OF THE ARCHITECT, WHETHER OR NOT THE ARCHITECT HAS BEEN PAID FOR HIS SERVICES, AND NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.	ENGINEER: ENGR. <i>[Signature]</i> M. TIANGAIR, JR. CIVIL ENGINEER PRC REG. No. : 019494 PIR No. : 770197 PRC : ODOMNSAN Validy : 09-9-2026 Date : 01-04-2024 Tm : 25-28/283	PROJECT TITLE: ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS	PREPARED BY: ENGR. <i>[Signature]</i> WELIA BANTAGO CIVIL ENGINEER ENGR. NOVA M. TIANGAIR CIVIL ENGINEER	NOTED BY: ARCH. HANNAH <i>[Signature]</i> MOKETA, JR. CIVIL ENGINEER MERIAN <i>[Signature]</i> CATAVY MANTELA D. CERE CIVIL ENGINEER	SHEET CONTENT: AS SHOWN	SHEET NO.: 
--	---	---	--	---	---	-----------------------------------	--



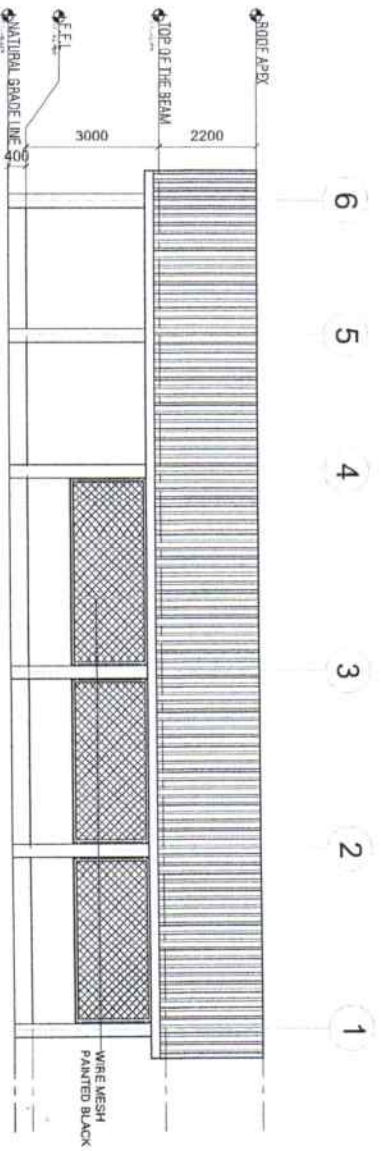
A FRONT ELEVATION
SCALE 1:120m



A LEFT SIDE ELEVATION
SCALE 1:120m



A REAR ELEVATION
SCALE 1:120m



A RIGHT SIDE ELEVATION
SCALE 1:120m



REPL. ACT 9286 SEC. 33
DRAWINGS AND DOCUMENTS ARE THE PROPERTY OF THE ARCHITECT. THE WORK FOR WHICH THEY WERE BE EXECUTED OR NOT, AND NOT TO BE REPRODUCED OR USED IN OTHER WORK WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.

ENGINEER:
ENGR. NOEL M. TANGA JR.
CIVIL ENGINEER
PRC REG. No.: 015474
PRC No.: 7700197
Date: 01-04-2024
TIN: 35-1377483

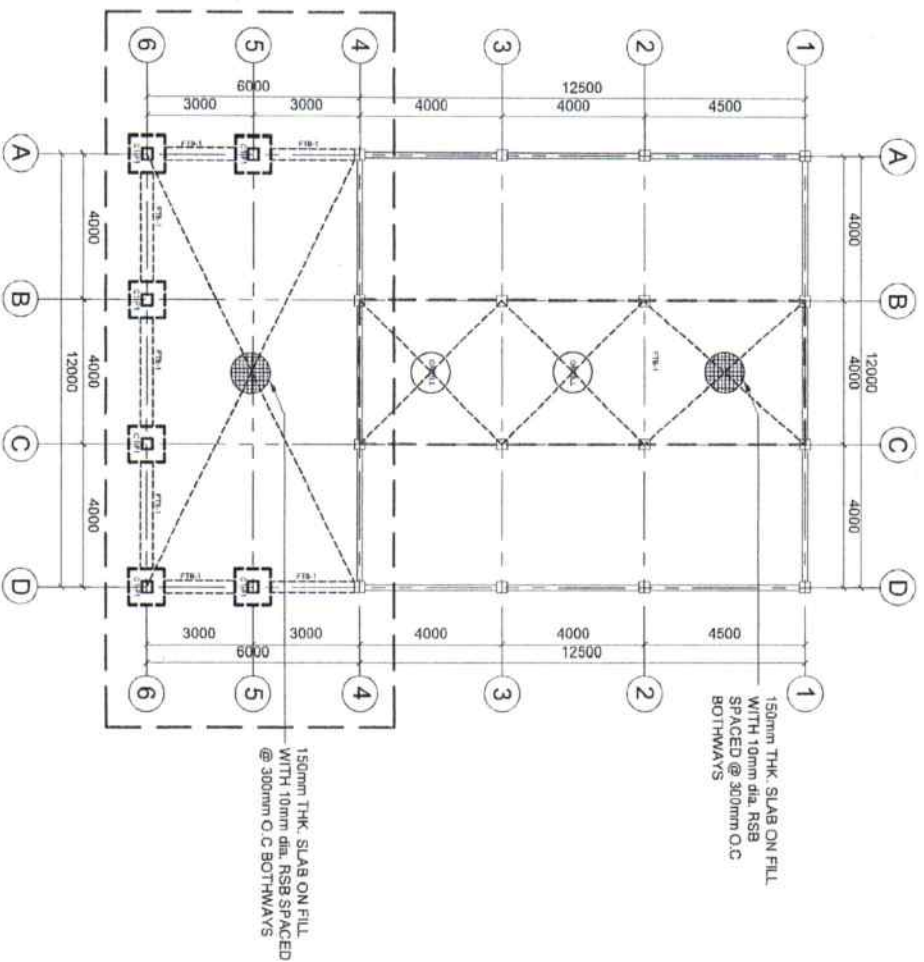
PROJECT TITLE:
ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS
LOCATION: ROBILAN STATE UNIVERSITY - MAIN CAMPUS
REV.:

PREPARED BY:
ENGR. NOEL M. TANGA JR.
ARCHITECT

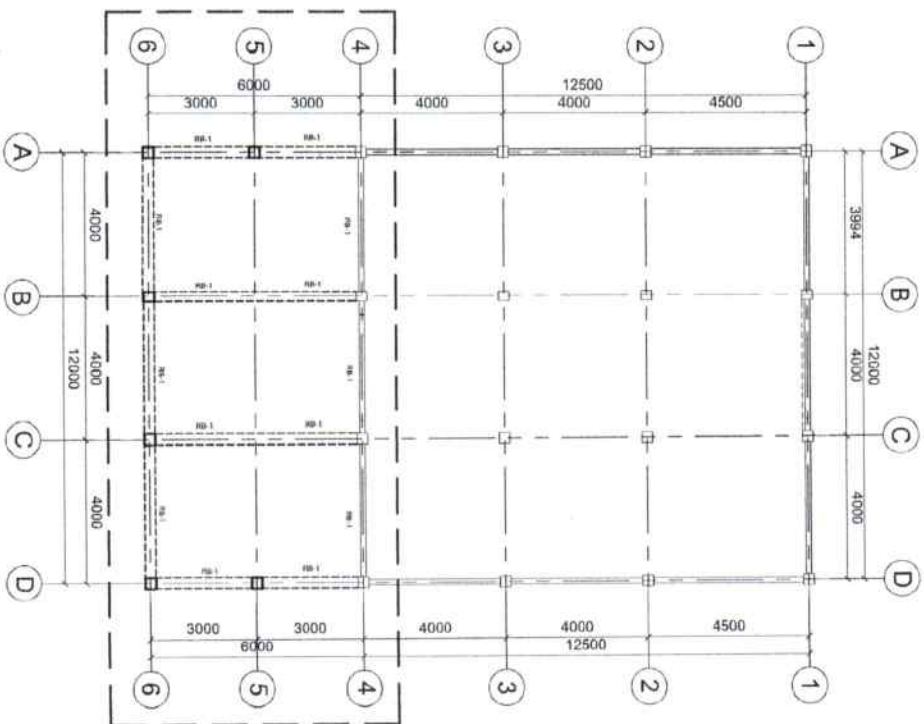
NOTED BY:
ARCH. HANNAH MATHY P. MOKITA, M.A.
APPROVED BY:
MERLAN P. SANTANA, M.A., M.A., Ed. D., CSE

SHEET CONTENT:
AS SHOWN

SHEET NO.:
A-4



1 FOUNDATION PLAN
SCALE 1:150m



2 ROOF BEAM
SCALE 1:150m



REP. ACT 9266 SEC. 33
 REGISTERED AND QUALIFIED TO PRACTICE AS
 ENGINEERS OF CIVIL ENGINEERING AS THE
 PROPERTY OF THE AGENCY, WHICH IS
 THE WORK FOR WHICH THEY ARE HIRE
 BE EXERCISED ON ANY AND NOT TO BE
 REPRODUCED OR USED IN OTHER WORK
 WITHOUT THE WRITTEN PERMISSION FROM
 THE AGENCY.

ENGINEER:
 ENGR. DONNIE CHRISTIAN S. CAPILL
 CIVIL ENGINEER
 PRC REG. No. 03794
 PIR No. 77019
 Valdez - 02-28-2026
 Date: 01-28-2024
 TN: 77-118-801

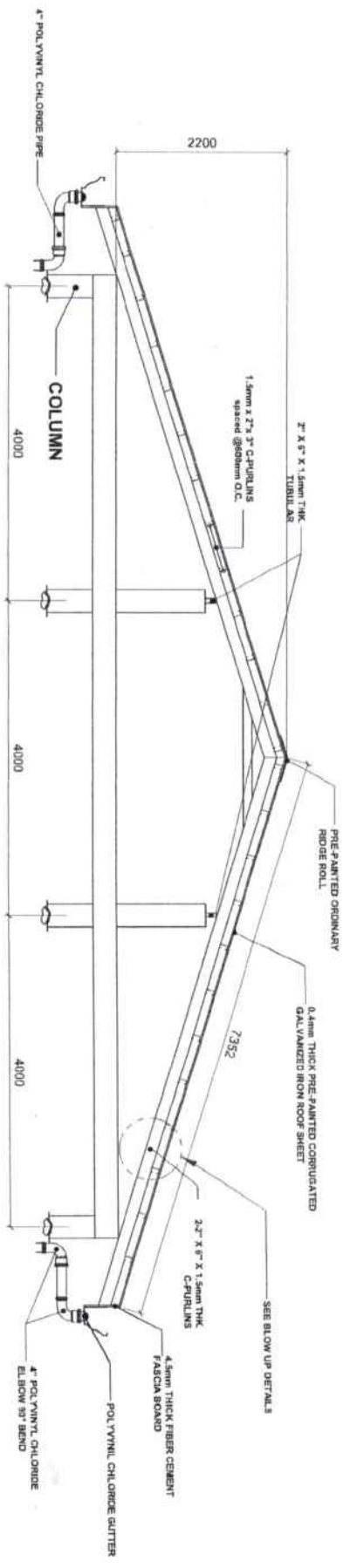
PROJECT TITLE:
**ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY
 FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL
 STUDENT DESKS AND CHAIRS**
 LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS
 REV.

PREPARED BY:
 ENGR. NIDEL M. TANGA JR.
 CIVIL ENGINEER

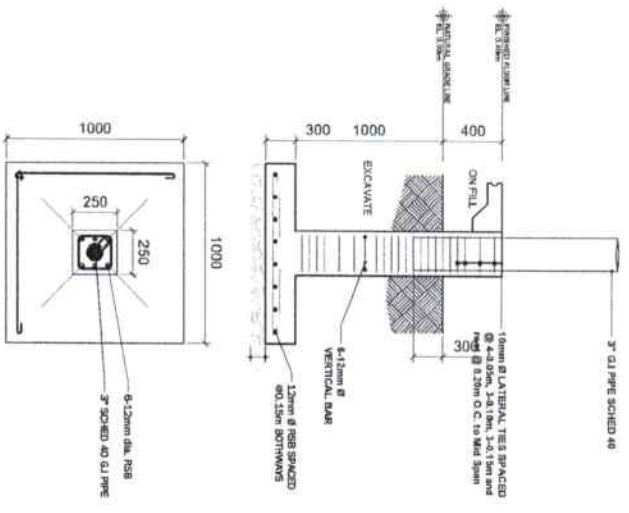
NOTED BY:
 ARCH. HANNAH ERITHA MORTA, JR.
 APPROVED BY:
 MERIAN P. NATALVA-MANI, E.D., CSEB
 CIVIL ENGINEER

SHEET CONTENT:
 AS SHOWN

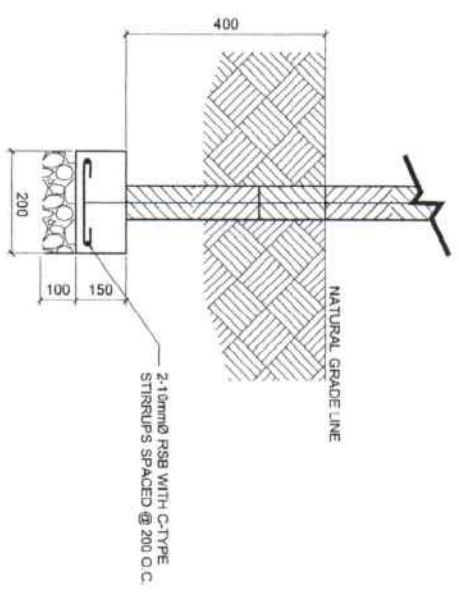
SHEET NO.:
 S-1



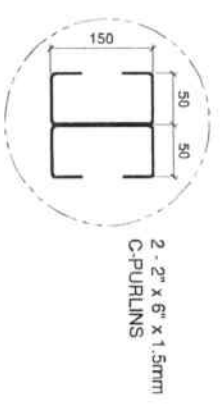
1 TRUSS DETAILS
SCALE 1:100m



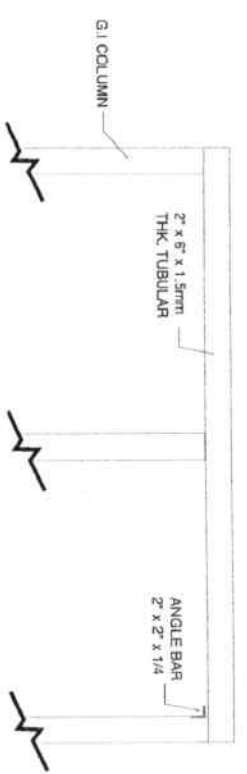
2 C1-F1 DET. PLAN
SCALE 1:120m



3 WF DETAILS
SCALE 1:120m



4 TRUSS BLOW UP DETAILS
NOT DRAWN TO SCALE



5 ROOF BEAM DETAILS
SCALE 1:120m



REP. ACT 8266 SEC. 33

SHANNING AND COVERING THEREOF, AS PARTS OF THE SERVICE, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES ON THE SITE, AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES ON THE SITE, AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES ON THE SITE.

ENGINEER

ENGR. JONATHAN CHRISTIAN S. CAPILL
CIVIL ENGINEER

PRC REG. NO. A197948
PRC No.: 771159
Valid: 02-26-2028
Date: 01-22-2024
TIN: 77-11-18-201

PROJECT TITLE:

ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS

LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY:

ENGR. FAYE NICHOLLE B. BAYAGO

ENGR. NORIE M. TANIGAR

NOTED BY:

ARCH. HANNAH MARIE P. MORTA, LUP

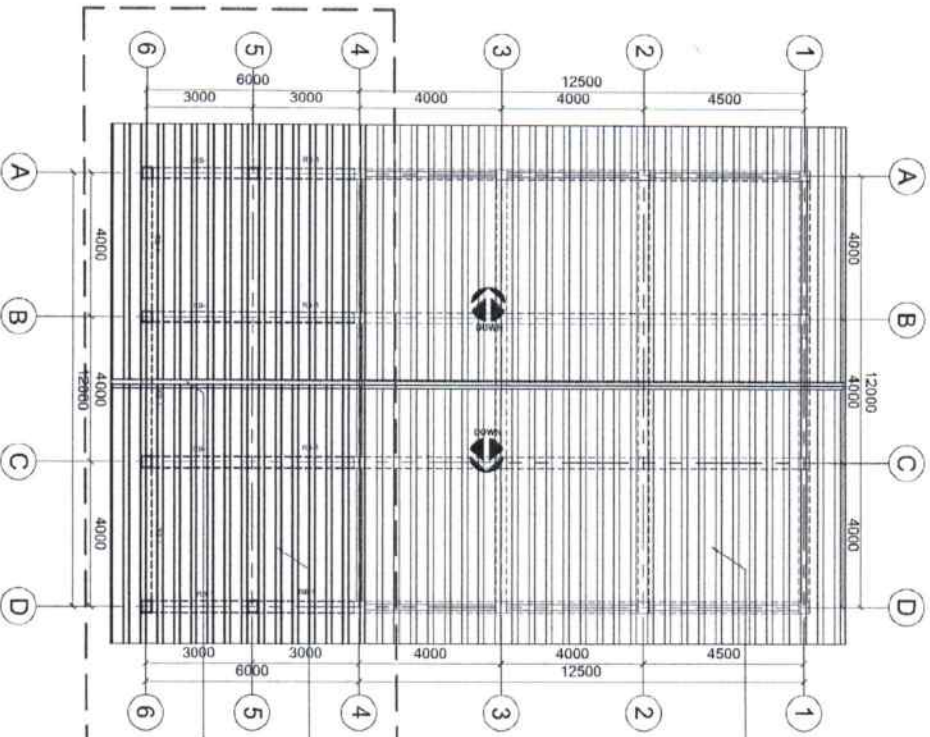
MERIANE KATAPANGAN ELA D. GEESE

SHEET CONTENT:

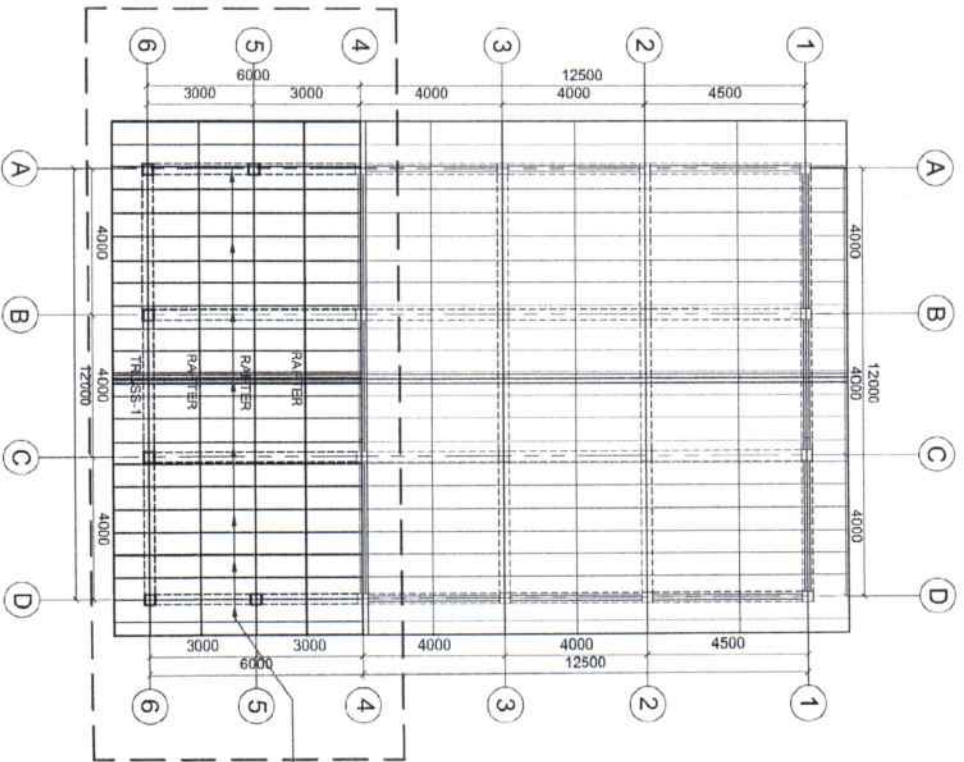
AS SHOWN

SHEET NO.

S-2



3 ROOF BEAM
SCALE 1:150m



3 ROOF BEAM
SCALE 1:150m

REPLACEMENT OF DELAPIDATED ROOF, PURLINS AND RAFTER INCLUDING ROOF REPAIRING WORKS

LONGSPAN PRE-PAINTED CORRUGATED ROOF (0.5mm THK., COLOR GREEN)

PRE-PAINTED RIDGE ROLL

2x3T C-PURLINS SPACED @ 0.50m O.C BOTHWAYS



REPUBLIC ACT 9298 SEC. 33
REPLACEMENT AND CORRECT THROUGH A REPAIRMENT OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. WHENEVER THE WORK FOR WHICH THEY ARE MADE BE EXECUTED OR NOT, AND NOT TO BE REPRODUCED OR USED FOR OTHER WORK WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

ENGINEER:

ENGR. ERNEST CHRISTIAN S. CAPILL
CIVIL ENGINEER

PAC REG. No. 197948
P.E.R. No. 770159
Place: ODDISGAN
Validity: 02-26-2025
Date: 01-22-2024
TN: 771-154-807

PROJECT TITLE:

ESTABLISHMENT OF BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS

LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY:

ENGR. JEROME A. BANIAGO
ARCHITECT

CHECKED BY:

ENGR. NIBEL M. TANGGA JR.
CIVIL ENGINEER

NOTED BY:

ARCH. HANNAH RUTH P. MORTA, JR.
ARCHITECT

APPROVED BY:

MERIAN P. ATALAY, MANTUA D. CESE
CIVIL ENGINEER

SHEET CONTENT:

AS SHOWN

SHEET NO:

S-3



REPUBLIC ACT 8296 SEC. 33
 DRAWINGS AND OTHER INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT, ENGINEER, PLANNER OR DESIGNER. THEY SHALL BE REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN AGREEMENT WITH THE ARCHITECT.

ENGINEER:

 PROFESSIONAL ELECTRICAL ENGINEER
 PPR REG. No. : _____
 PPR No. : _____
 Date : _____
 Title : _____

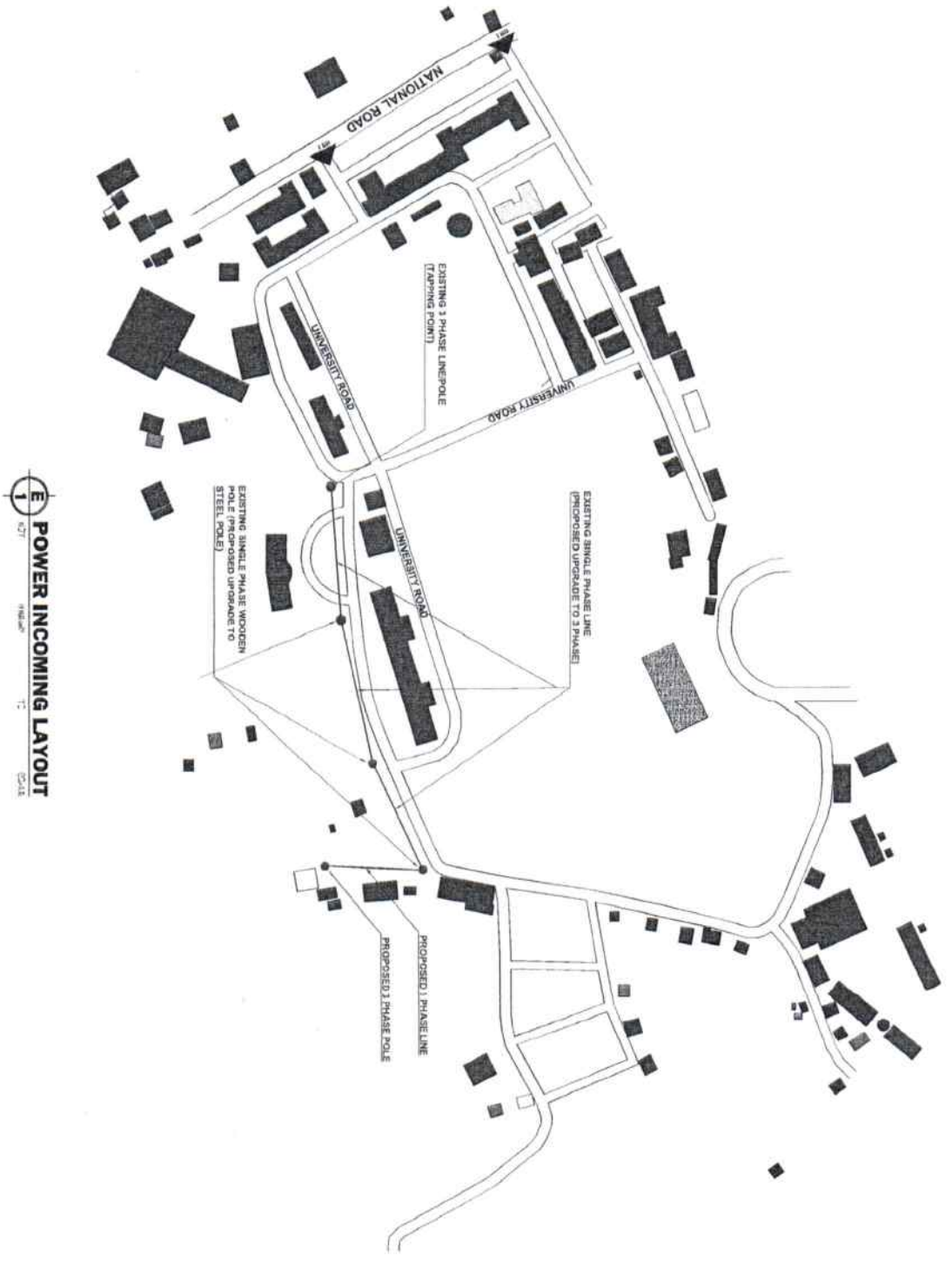
PROJECT TITLE:
ESTABLISHMENT OF A BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS
LOCATION: KOMBLON STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY:
 ENGR. REBECCA VICENTE
 CIVIL ENGINEER
CHECKED BY:
 ENGR. SERGIO TANCA JR.
 CIVIL ENGINEER

NOTED BY:
 ARCH. HANNAH ELLI P. MORTA, IAP
 ARCHITECT
APPROVED BY:
 MERLIN P. ALMAYAN, IAP, D. CASE
 ARCHITECT

SHEET CONTENT:
 AS SHOWN

SHEET NO.:
 E-1



POWER INCOMING LAYOUT
 DATE: _____



REPUBLIC ACT 8296 SEC. 33
 DRAWINGS AND OTHER WORK BY AN
 ENGINEER OR ARCHITECT, OR THE
 REGISTERED PROFESSIONAL ENGINEER,
 ARCHITECT OR LANDSCAPE ARCHITECT,
 BE EXECUTED OR NOT, AND NOT TO BE
 REPRODUCED OR USED ON OTHER WORK
 WITHOUT THE WRITTEN AGREEMENT WITH
 THE REGISTERED PROFESSIONAL ENGINEER,
 ARCHITECT OR LANDSCAPE ARCHITECT.

ENGINEER:
 PROJECT TITLE:
 PROJECT REG. No. :
 PTR No. :
 Date :
 Validity :
 Place :
 TN :

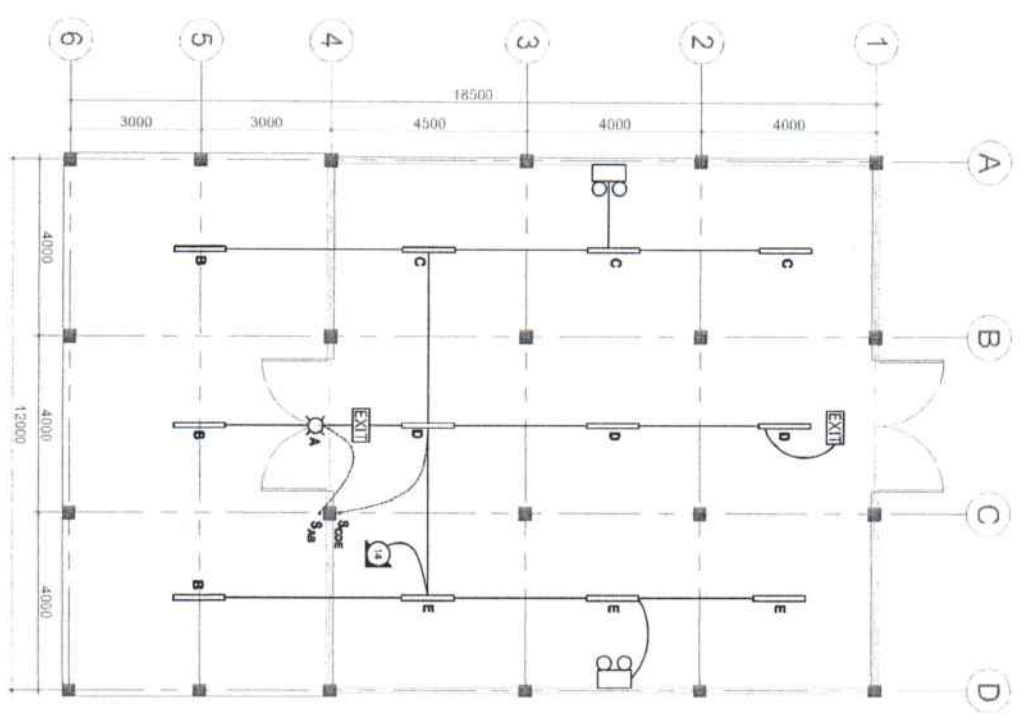
PROJECT TITLE:
**ESTABLISHMENT OF A BAMBOO PROCESSING SCHOOL FACTORY
 FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL
 STUDENT DESKS AND CHAIRS**
LOCATION: KOMBOLAN STATE UNIVERSITY - MAIN CAMPUS
REV.:

PREPARED BY:
 ENGINEER M. TANOGAIR
 CHECKED BY:

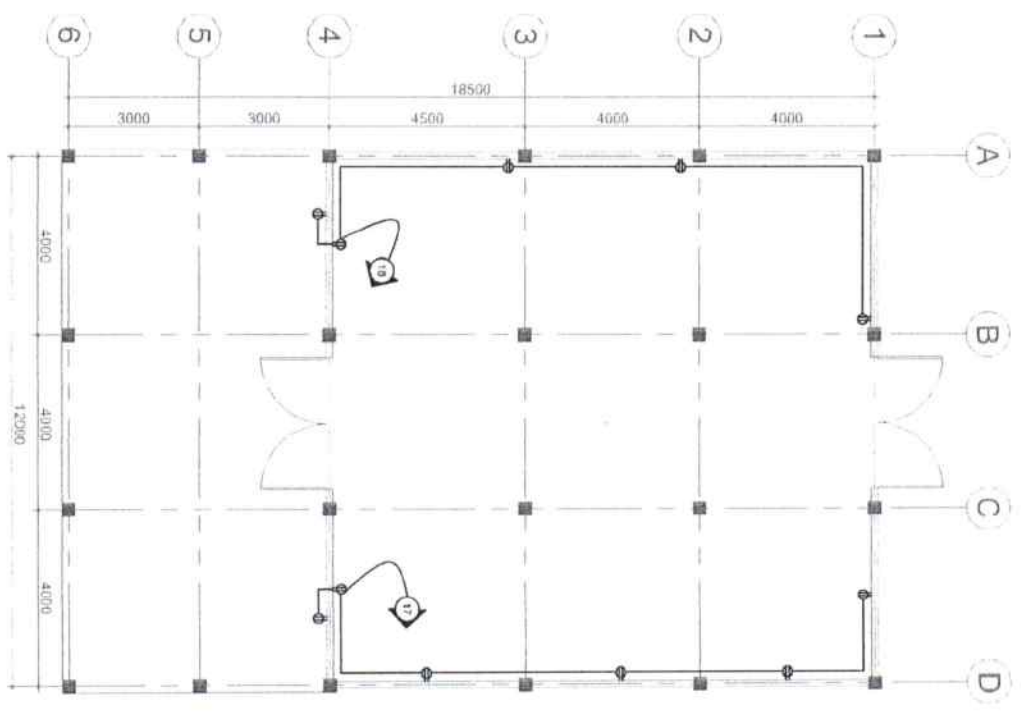
NOTED BY:
 ARCH. HANNAH M. P. MORTA, JR.
 APPROVED BY:
 MERRAN KATHAY-MANI EL D. CRSE.

SHEET CONTENT:
 AS SHOWN

SHEET NO.:
 E-2



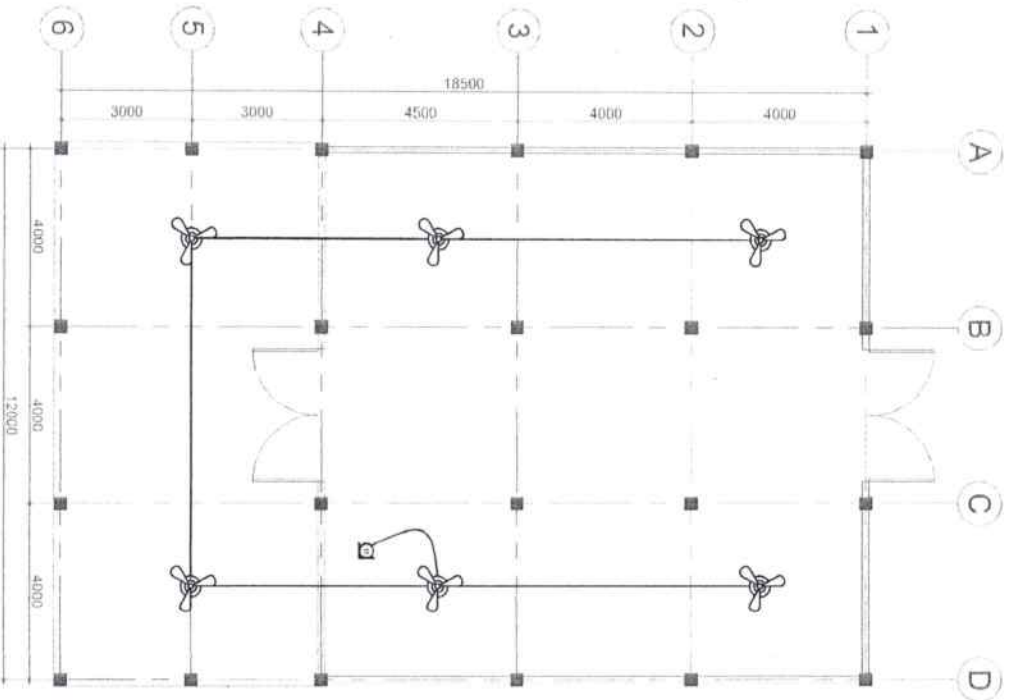
E-2 LIGHTING LAYOUT PLAN
 SCALE: 1/8" = 1'-0"



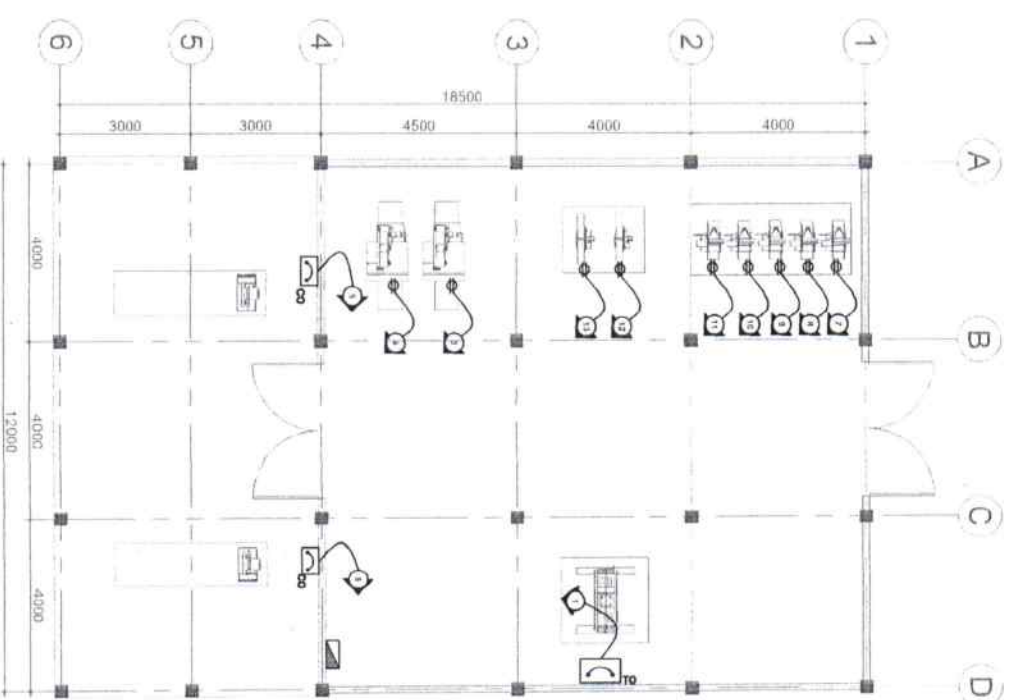
E-2 CONVENIENCE OUTLET LAYOUT
 SCALE: 1/8" = 1'-0"

LEGEND:

SYMBOL	DESCRIPTION
	FL TYPE T8 18W LED TUBE WITH INDUSTRIAL TYPE LUMINAIRE
	14W LED BULB
	CONVENIENCE OUTLET
	EXIT LIGHT
	EMERGENCY LIGHT



E-3 1
CEILING FAN LAYOUT PLAN



E-3 2
MECHANICAL POWER SUPPLY LAYOUT

LEGEND:

SYMBOL	DESCRIPTION
	CEILING FAN
	C.O. UNIVERSAL SINGLE WITH GROUND (FLOOR MOUNTED)
	ECB WALL MOUNTED WITH 3 PHASE TWISTLOCK OUTLET
	ECB WALL MOUNTED WITH C.O.
	MAIN DISTRIBUTION PANEL, WALL MOUNTED WITH SUPPORT BRACKET (NEMA 12)



REP. ACT 9296 SEC. 33
 EXAMINED AND FOUND TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF SERVICE. THE ENGINEER'S SIGNATURE AND SEAL MUST BE SECURED ON THIS DRAWING AND NOT TO BE REPRODUCED OR USED ON OTHER WORK UNLESS BY WRITTEN AGREEMENT WITH THE ARCHITECT.

ENGINEER: _____
 PROFESSIONAL ELECTRICAL ENGINEER
 PPR No.: _____
 Validity: _____
 Date: _____
 TN: _____

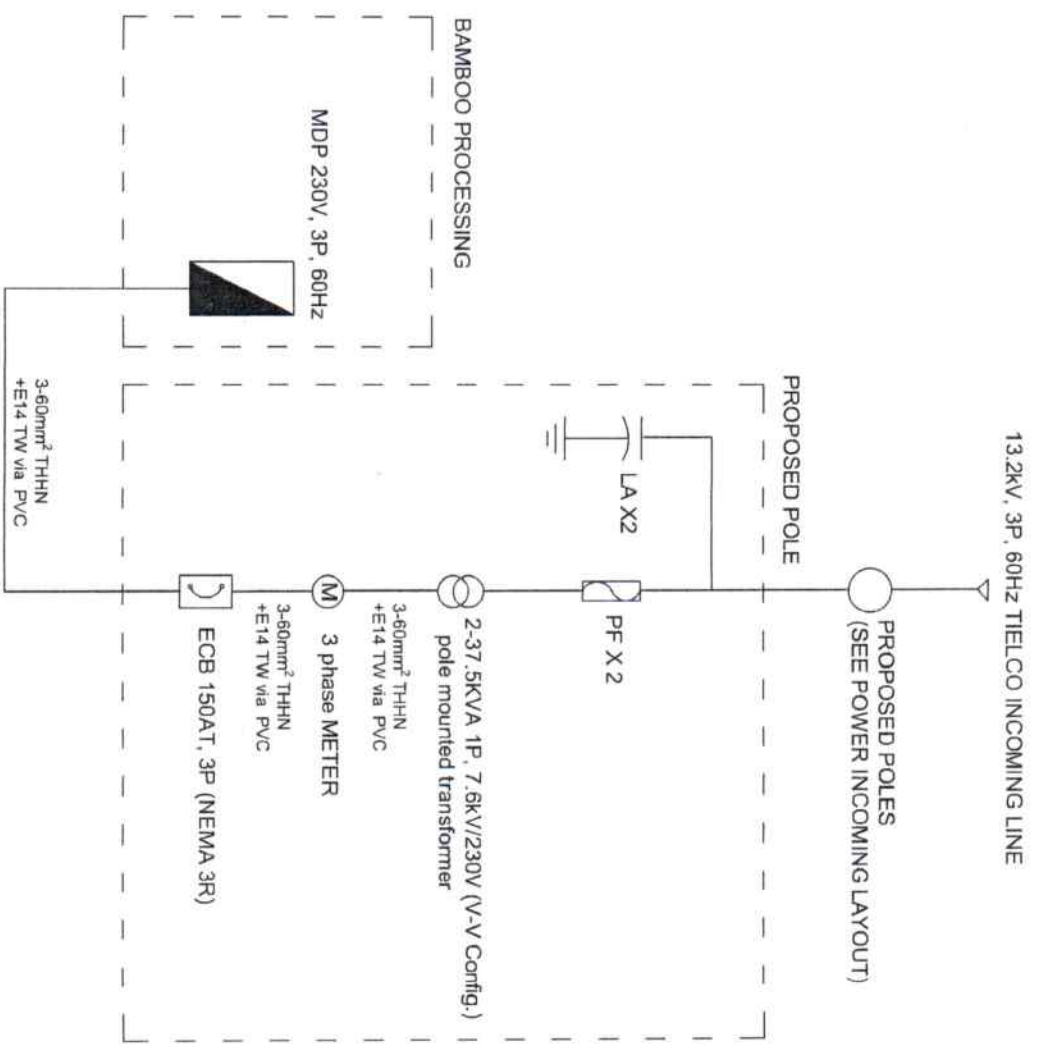
PROJECT TITLE:
ESTABLISHMENT OF A BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS
 LOCATION: ROBLOM STATE UNIVERSITY - MAIN CAMPUS

PREPARED BY:
 ENGR. RENALDO S. VICENTE
 Checked by:
 ENGR. NIEL M. TINGGA JR.

NOTED BY:
 ARCH. HANNAH LITHE MORTA, SR.
 Approved by:
 MERJAN E. MATAYANTEL D. GISEL

SHEET CONTENTY: AS SHOWN

SHEET NO.: **E-3**



E-4
1
SINGLE LINE DIAGRAM

	REP. ACT 9296 SEC. 33 DRAWINGS AND WORKS THEREON, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE ENGINEER. THEY ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.	ENGINEER _____ PROFESSIONAL ELECTRICAL ENGINEER PRD REG. NO. : _____ PFRS NO. : _____ DATE : _____ TN : _____	PROJECT TITLE: ESTABLISHMENT OF A BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS	LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS	REV.:	PREPARED BY: ENGR. MERSEN ALVA VICENTE C.E.D. Registered	CHECKED BY: ENGR. MERSEN M. TANGA JR. C.E.D. Registered	NOTED BY: ARCH. HANNAH RUTH P. MORTA, JR. C.E.D. Registered	APPROVED BY: MERILYN CATAAY MANTILA D. GIBER C.E.D. Registered	SHEET CONTENT: AS SHOWN	SHEET NO.:
	1										

Romblon State University
PANEL BOARD SCHEDULE

PROJECT: Bamboo Processing
DESIGNATION: MDP
SYSTEM: 230V, 3Ø, 60HZ
MIN. I.C.:

PREPARED BY: AJB
ENCLOSURE: NEMA 12
MOUNTING: Wall Mounted
FEED IN:
OUT:

Load Description	V/A	LOAD				C.K.T. PROTECTION				CONDUCTOR				RACEWAY		
		3Ø	OAB	OBC	OCA	AT	AF	P	TYPE	SIZE (mm ² X Ø)	Ø	SIZE (mm Ø)	TYPE	LENGTH (m)		
1 Hydraulic Press (TS Dry 220V/380V)	6,875	17.25				30	40	3	THHN	5.5 X 3	2.0					
2 Bandsaw Cutter	35,000	87.86				100	100	3								
3 Wood Slicer 2hp	1865		8.11			30	40	2	THHN	3.5 X 2	2.0	15	PVC			
4 Wood Slicer 2hp	1865		8.11			30	40	2	THHN	3.5 X 2	2.0	15	PVC			
5 Pole Cutter 2hp (ECB 3ØATD)	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
6 Pole Cutter 2hp (ECB 3ØATD)	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
7 Thickness Planers 2hp	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
8 Thickness Planers 2hp	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
9 Thickness Planers 2hp	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
10 Thickness Planers 2hp	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
11 Thickness Planers 2hp	1865			8.11		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
12 Joints	1500					20	40	2	THHN	3.5 X 2	2.0	15	PVC			
13 Joints	1500					20	40	2	THHN	3.5 X 2	2.0	15	PVC			
14 Joints	1500					20	40	2	THHN	3.5 X 2	2.0	15	PVC			
15 Lightings	234		1.01			15	40	2	THHN	2.0 X 2	2.0	15	PVC			
16 C.O	360		1.56			30	40	2	THHN	3.5 X 2	2.0	15	PVC			
17 C.O	1080			4.69		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
18 Space	1080			4.69		30	40	2	THHN	3.5 X 2	2.0	15	PVC			
TOTAL	64414	105.11	34.00	30.03	33.95											

1c 105.11+34(1.732)
@ 80% DF
164*0.8
= 131.19 A
If (131.19-87.86)÷(1.25*87.86)
= 153.15 A
1cb (131.19-87.86)÷100
= 143.33 A

*ELECTRICAL PANEL MUST INCLUDE GROUNDING BUS TERMINAL

Total Connected Load: 64.41kVA
@80% DF: 51.52kVA
@90% TS Loading Limit: 57.25kVA
@86.6% V.V Coe: 66.11kVA

*Use 2 - 37.5kVA transformer 13.2kV / 230V Pad Mounted Transformer

SCHEDULE OF LOADS



REPLY ACT 9298 SEC. 33

ENGINEER:

PROJECT TITLE:

PREPARED BY:

NOTED BY:

SHEET CONTENT:

SHEET NO.:



PROFESSIONAL ELECTRICAL ENGINEER

ESTABLISHMENT OF A BAMBOO PROCESSING SCHOOL FACTORY FOR MANUFACTURING ENGINEERING BAMBOO AND STEEL STUDENT DESKS AND CHAIRS

LOCATION: ROMBLON STATE UNIVERSITY - MAIN CAMPUS

APPROVED BY:

AS SHOWN

