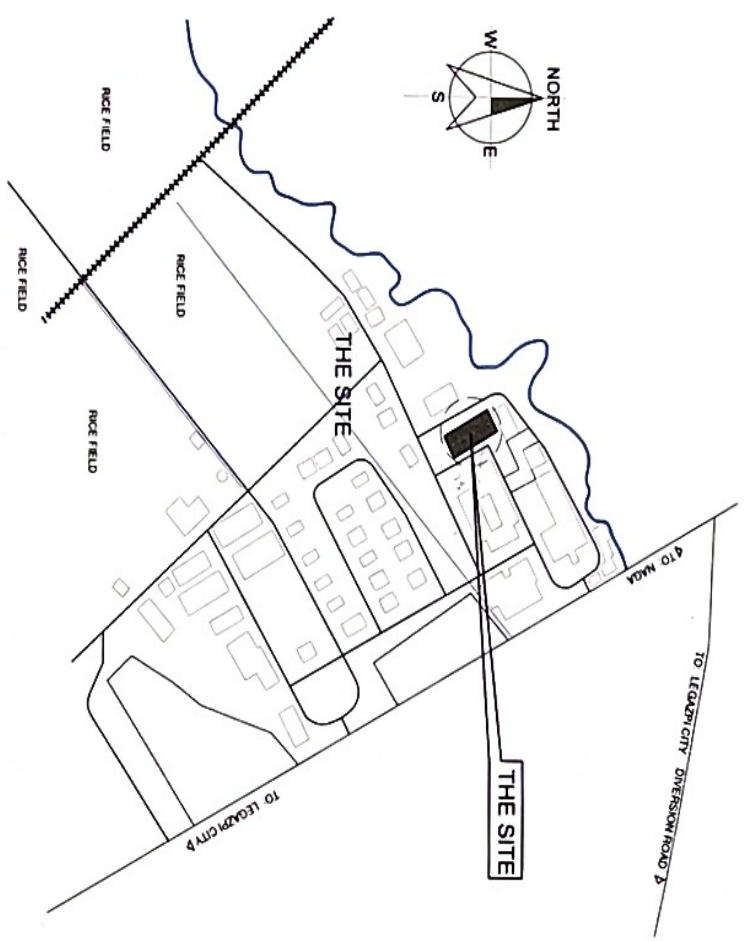


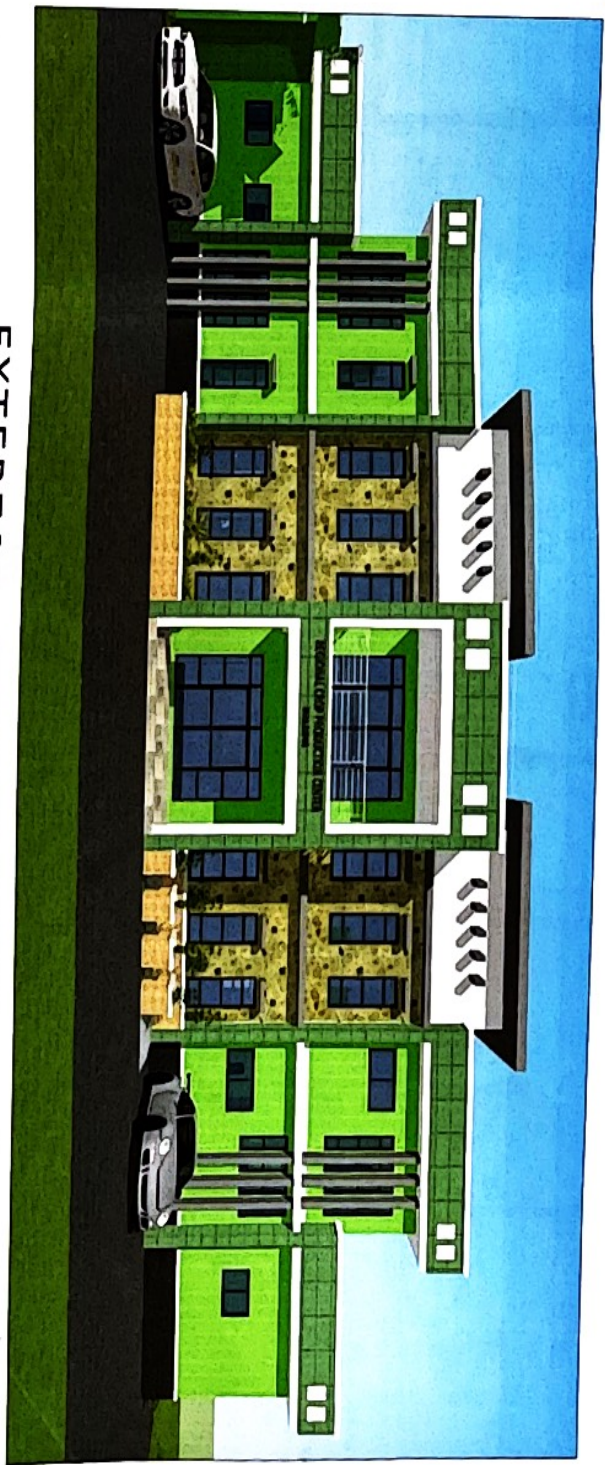
1
VICINITY MAP
 SCALE
 A1
 NTS



PROJECT TITLE:	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING					SHT. CONTENT
LOCATION:	DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR					AS SHOWN ABOVE
DESIGNED BY:	JULIUS CAZAR M. PEDIMONTE CAD - DESIGN	CHECKED BY:	ONOFRE R. RUIZ JR. PRODUCTION HEAD for INFRA	VERIFIED BY:	JERRY A. EBONA DEPT. SECRETARY HEAD	SHEET NO.
SUBMITTED BY:	ENGR. NILDA T. ALBANO C/CF - BAED	RECOMMENDING APPROVAL:	LUZ R. MARCELINO RFO for OPERATIONS & EXTENSION	APPROVED BY:	RODEL TORNILLA, MABE REGIONAL EXECUTIVE DIRECTOR	A-1



EXTERIOR PERSPECTIVE - 1



EXTERIOR PERSPECTIVE - 2



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE:
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
JULIUS CESAR M. REDIMONTE

CHECKED BY:
ONORRE A. PATA JR.

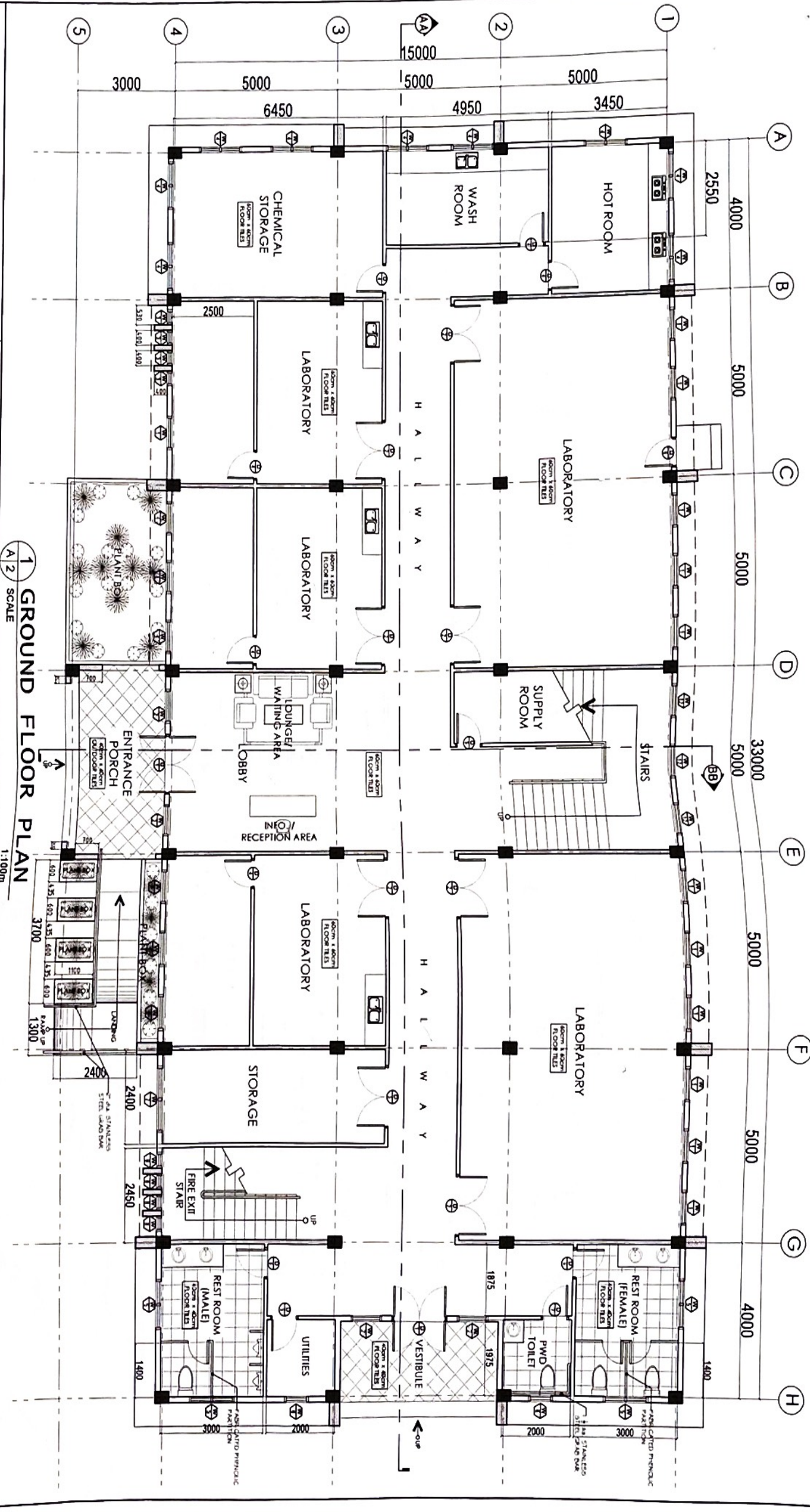
VERIFIED BY:
JERRY M. EROÑA

SUBMITTED BY:
ENGR. NILDA T. ALBANO

RECOMMENDING APPROVAL:
KUZ R. MARCELINO

APPROVED BY:
RODEL P. ROSILLIA, MABE

SMT. CONTENT:
 AS SHOWN ABOVE
 SHEET NO. **A-2**





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, P.I.U., CAMARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
JULIUS CEARA M. MEDIONDE
 CAD - DESIGN

CHECKED BY:
ONORRE A. BUJIZ JR.
 EPROS UNIT HEAD FOR AREA

VERIFIED BY:
JERRY A. EBONA
 EPROS SECTION HEAD

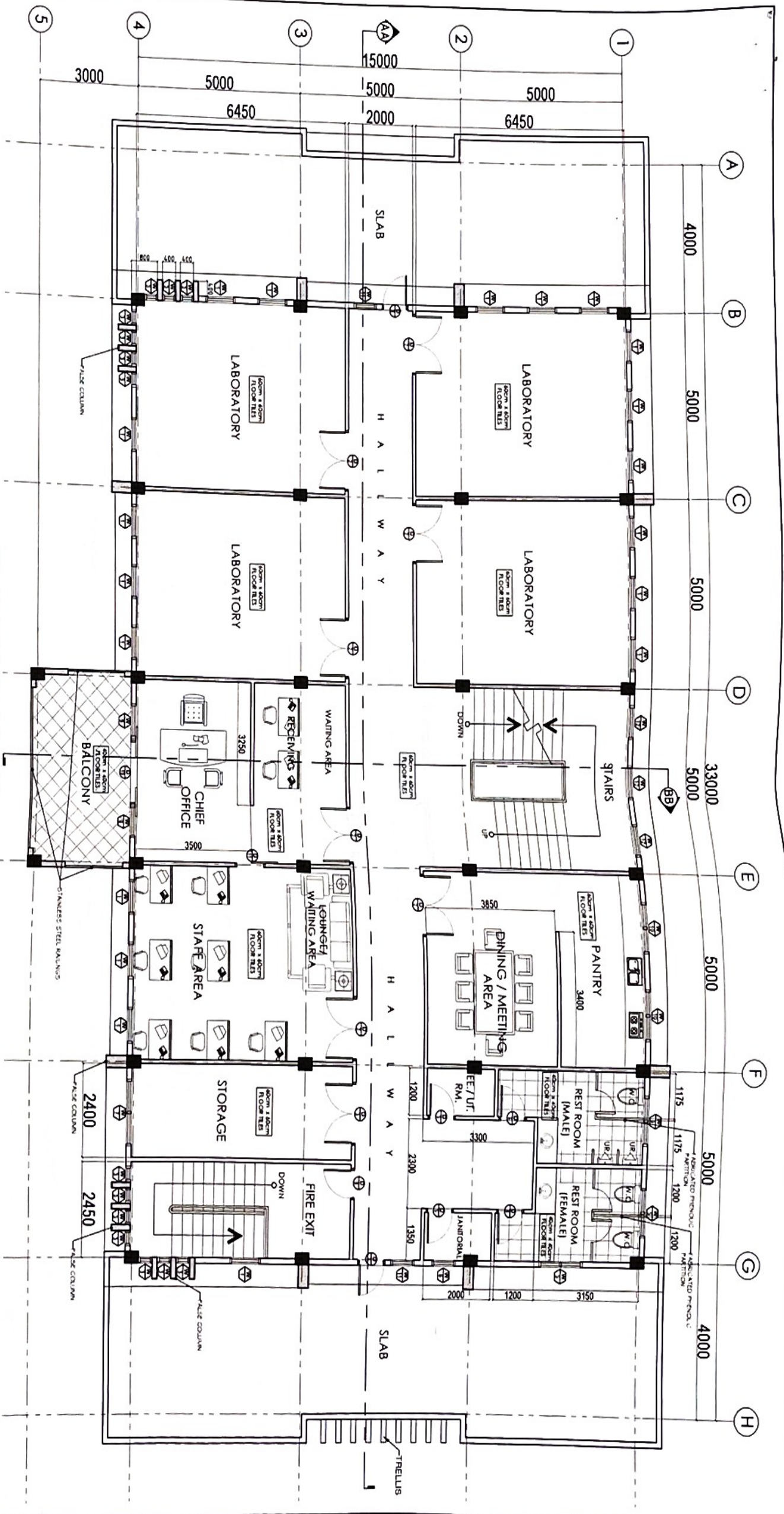
SUBMITTED BY:
ENGR. NINDA T. ALBAÑO
 CHIEF - BLDG

RECOMMENDING APPROVAL:
LUZ R. MARCELINO
 P.O. for OPERATIONS & EXTENSION

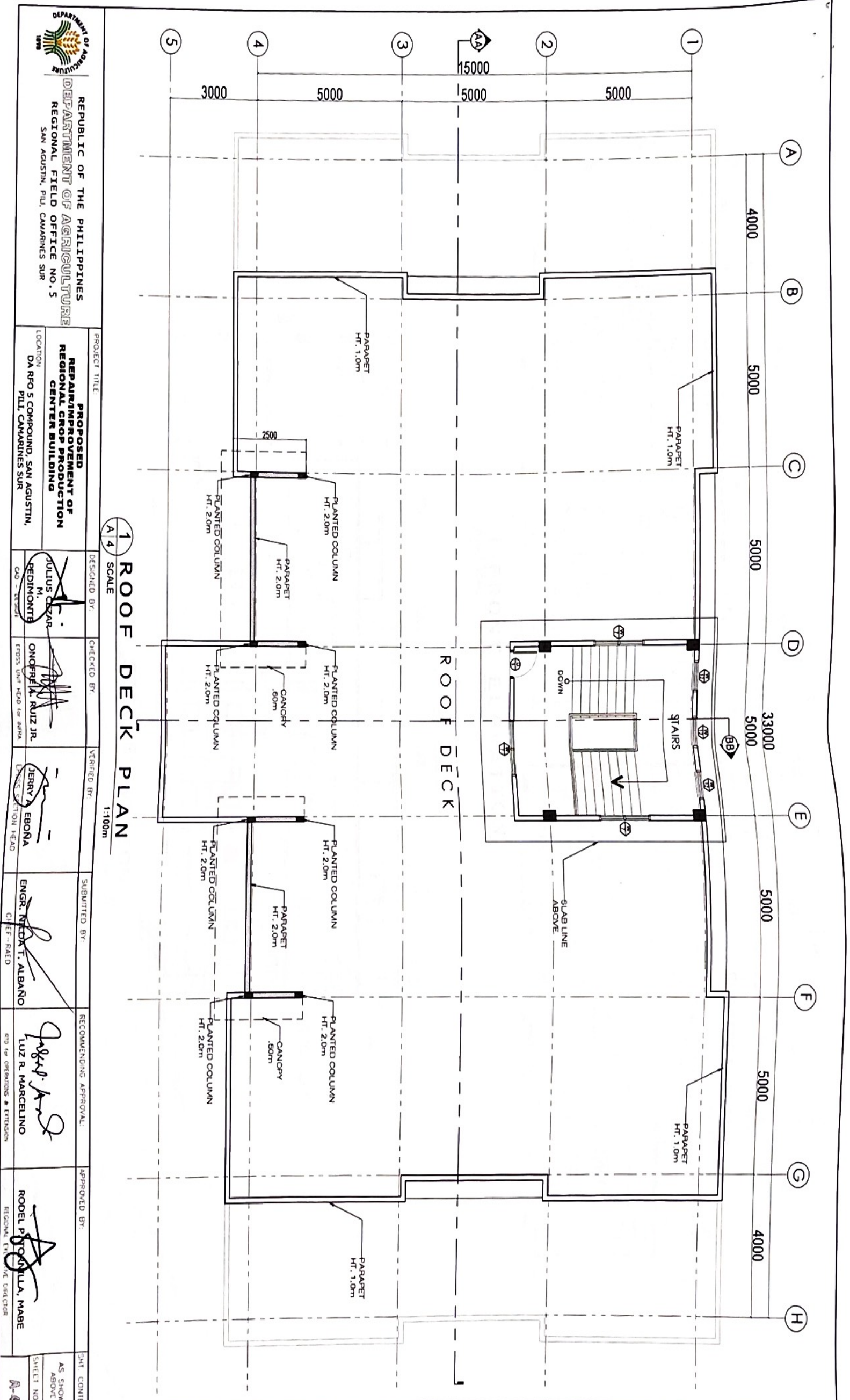
APPROVED BY:
RODEL B. TORILLA, MABE
 REGIONAL ELECTRONIC DIRECTOR

SHEET NO.
A-3

1 SECOND FLOOR PLAN
 SCALE 1:100m



CHI. CONTENT
 AS SHOWN ABOVE



1 ROOF DECK PLAN
 A 4 SCALE
 1:100m

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 5 SAN AGUSTIN, PULI, CAVARINES SUR</p>		<p>PROJECT TITLE: PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING</p>		<p>DESIGNED BY: JULIUS Q. ZAR M. BEDINONTE CAD - ARCHT</p>		<p>CHECKED BY: ONOFRE A. RUIZ JR. CROSS UNIT HEAD FOR AREA CAD - ARCHT</p>		<p>VERIFIED BY: JERRY A. EBONA ENGINEER IN CHARGE</p>		<p>SUBMITTED BY: ENGR. NEDIK T. ALBARO CHIEF - RAED</p>		<p>RECOMMENDING APPROVAL: LUZ R. MARCELINO</p>		<p>APPROVED BY: RODEL P. STANILLA, MABE REGIONAL FIELD OFFICE SUPERVISOR</p>		<p>SHEET CONTENT: AS SHOWN ABOVE SHEET NO. A-4</p>	
--	--	---	--	---	--	---	--	--	--	--	--	---	--	---	--	---	--



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE

DESIGNED BY

CHECKED BY

VERIFIED BY

SUBMITTED BY

RECOMMENDING APPROVAL

APPROVED BY

SHT. CONTENT

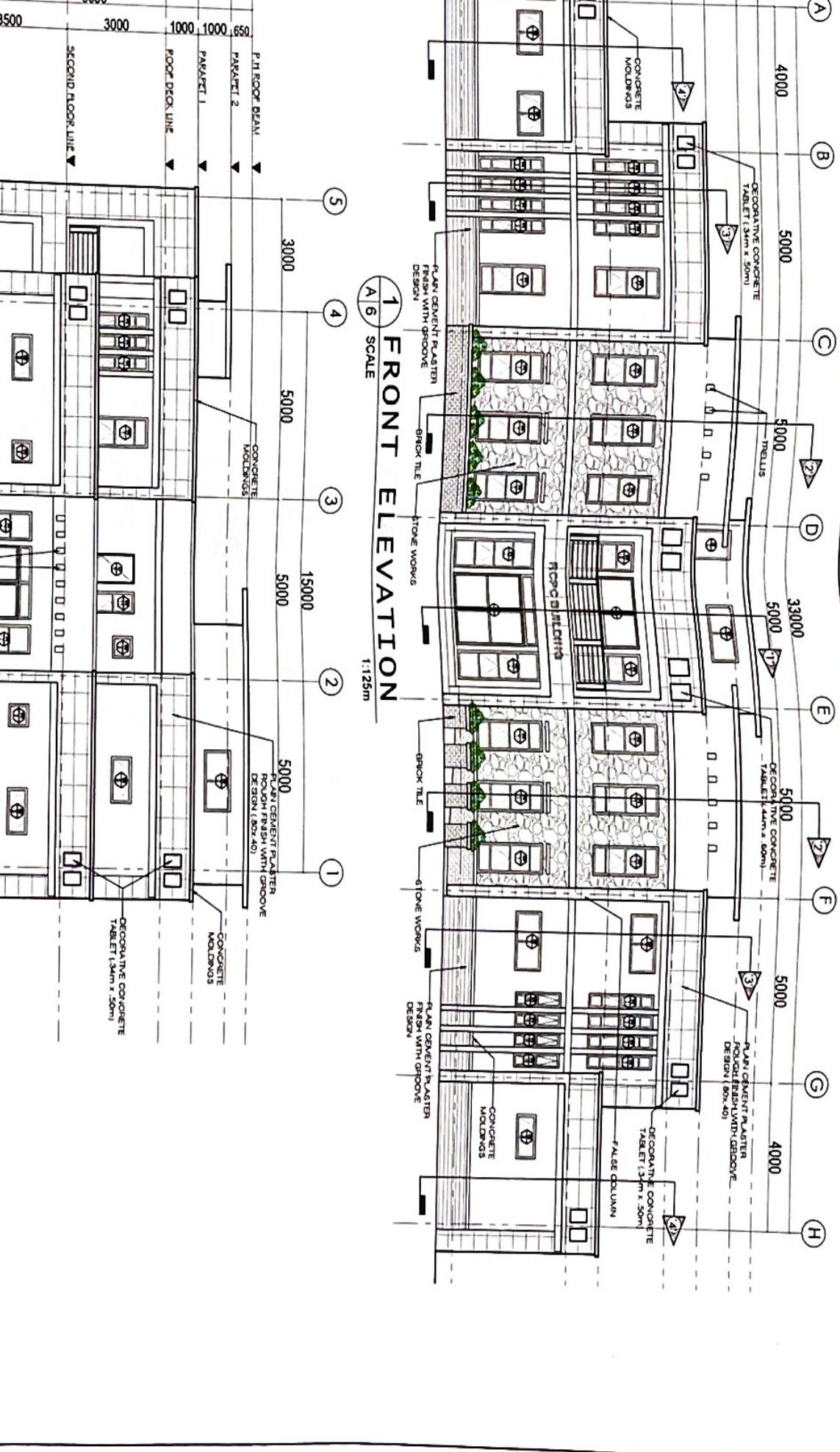
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

JULIUS CESAR M. PEÑAMONTE
ONOFRE A. RUIZ JR.
JERRY A. EBORA
ENGR. NITIDA T. ALBAÑO
LIZ R. MARCELINO
RODEL F. TORRELLA, MABE

LOCATION: DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR
 REDESIGNED BY: PEÑAMONTE
 CROSS UNIT HEAD FOR AREA: RUIZ JR.
 CROSS SECTION HEAD: EBORA
 CHIEF: ALBAÑO
 HD FOR OPERATIONS & EXTENSION: MARCELINO
 REGIONAL EXECUTIVE DIRECTOR: TORRELLA

SCALE: **2** A/5
 SCALE: **1** A/6

RIGHT SIDE ELEVATION
FRONT ELEVATION





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAVARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
JULIUS CAVAR M. REDMONTE

CHECKED BY:
ONISBE A. RUIZ JR.

VERIFIED BY:
JERRY A. EBOÑA

SUBMITTED BY:
ENGR. NICOLAI T. ALBAÑO

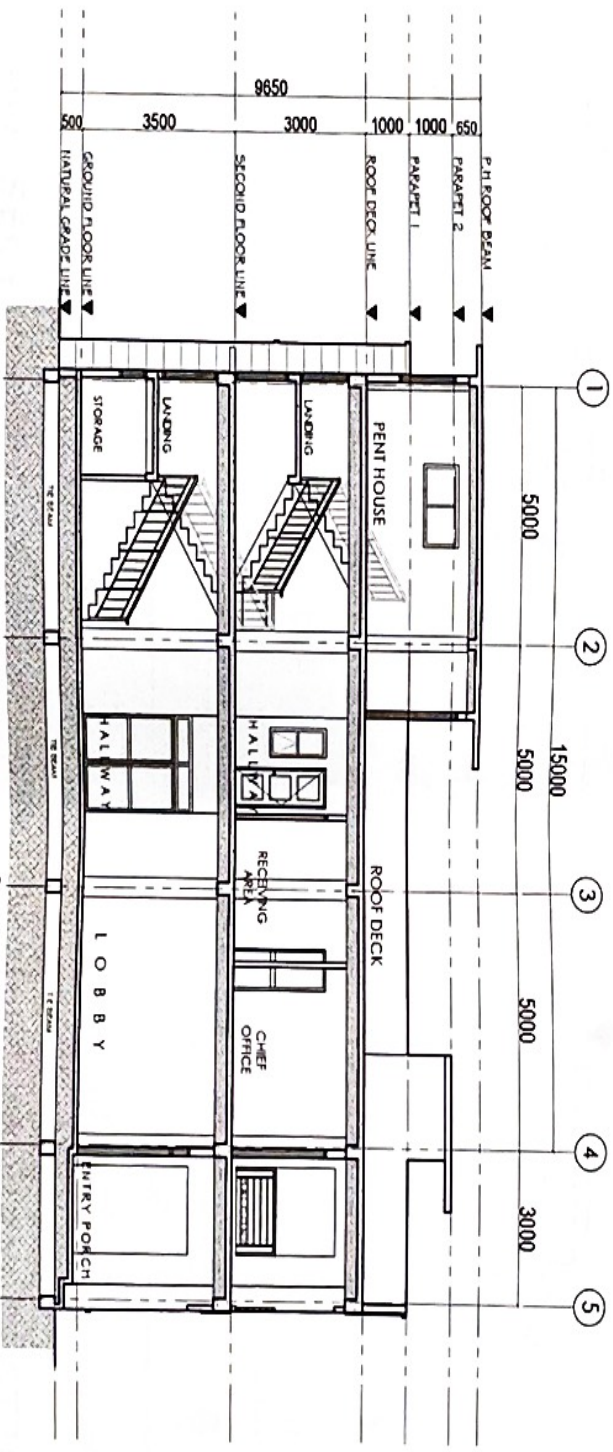
RECOMMENDING APPROVAL:
LUZ R. MARCELINO

APPROVED BY:
RODEL S. TORRELLA, MABE

DATE CONTAIN
 AS SHOWN ABOVE
 SHEET NO.
A-7

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

SECTION THRU 'BB'
 SCALE 1:125m



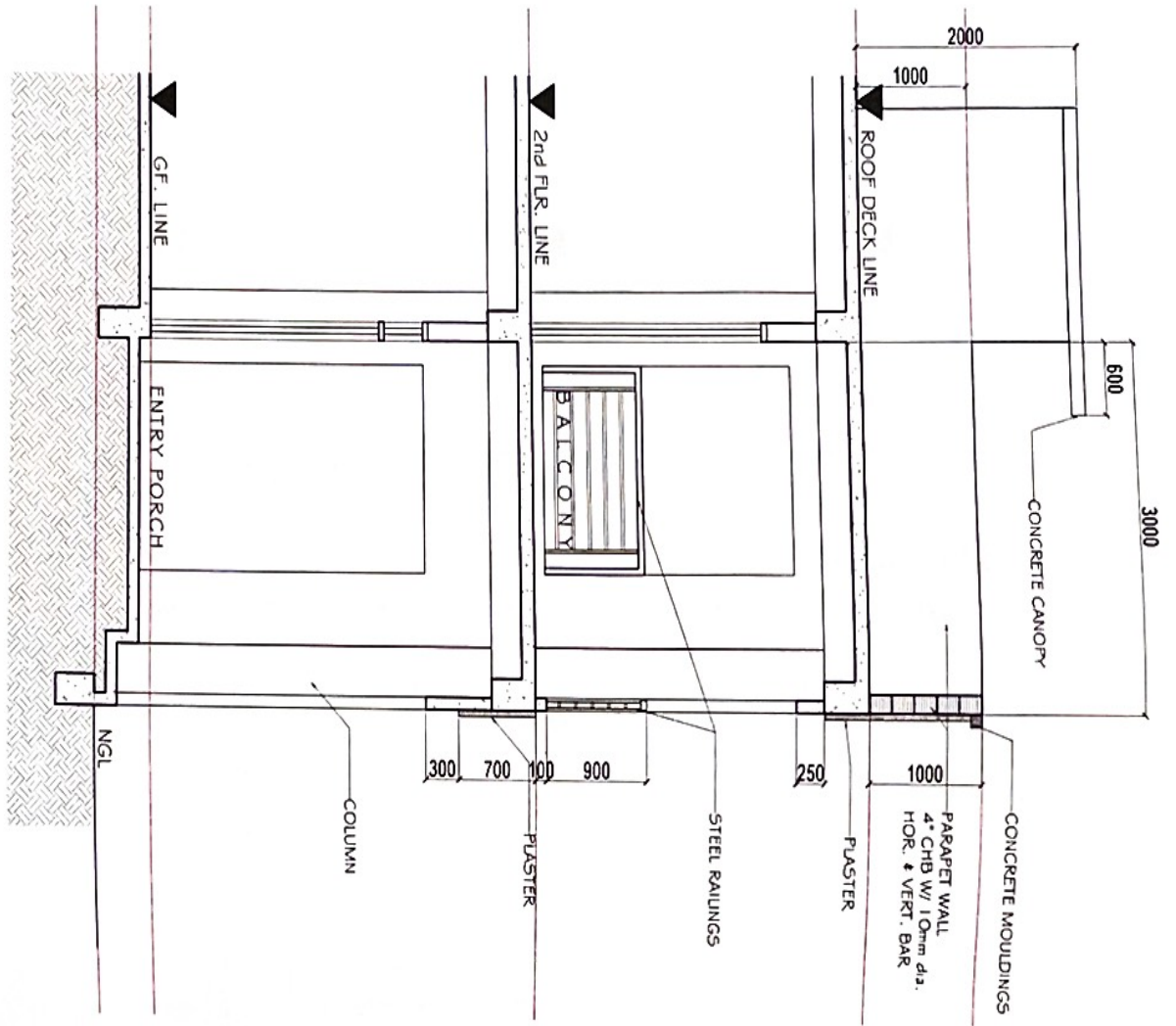
1 SECTION THRU 'AA'
 SCALE 1:125m



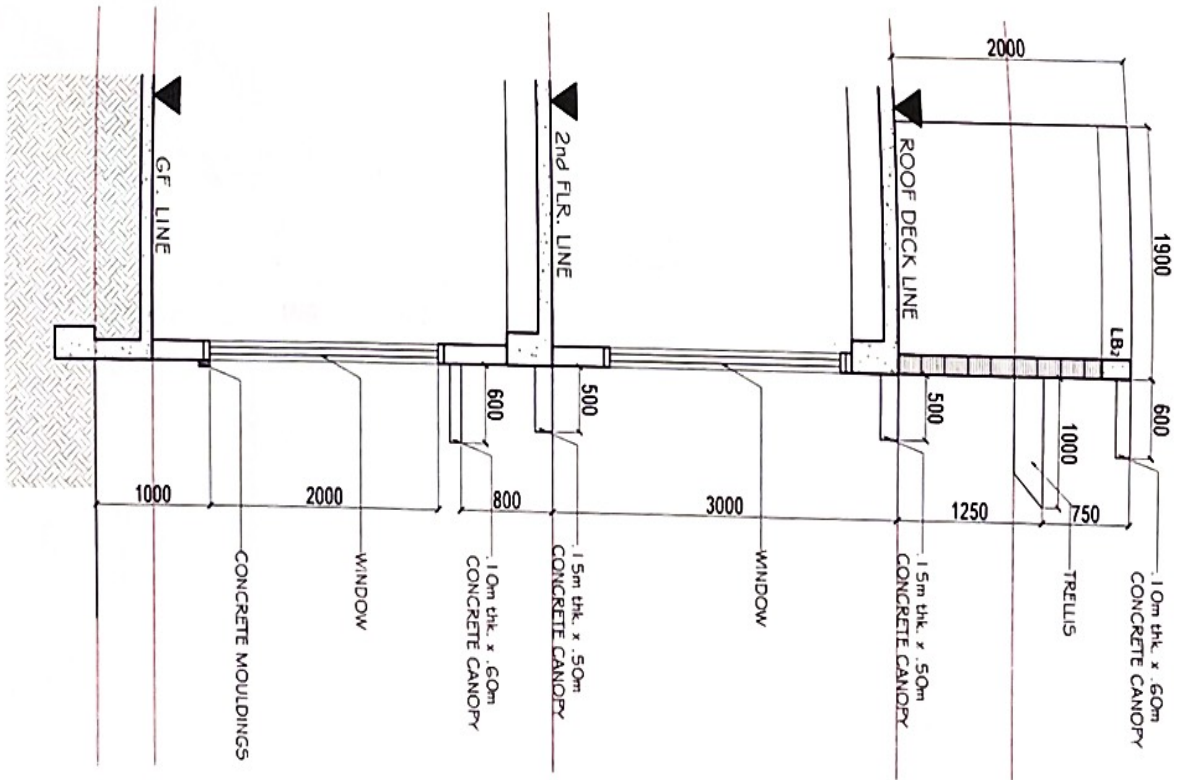
DATE CONTAIN
 AS SHOWN ABOVE
 SHEET NO.
A-7



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR



1 BAY SECTION 1
 SCALE 1:50m



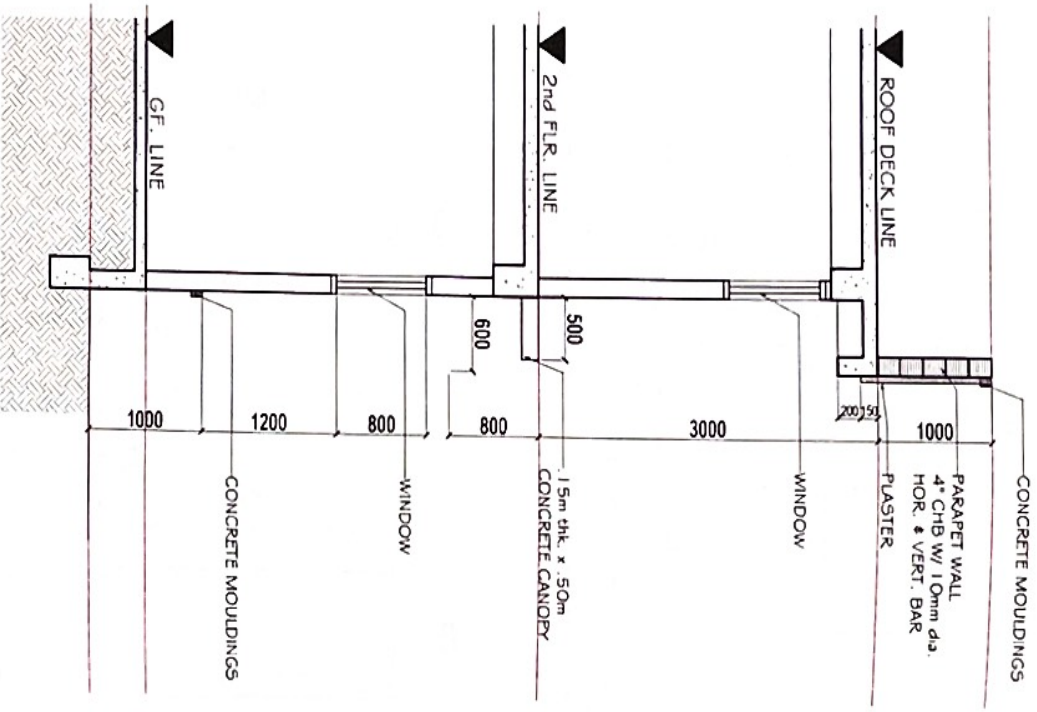
1 BAY SECTION 2
 SCALE 1:50m

PROJECT TITLE	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING		
LOCATION	DA RPO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR		
DESIGNED BY	<i>JULIUS DEZAR M. PEDIOMONTE</i>	CHECKED BY	<i>ONOFRE A. RUIZ JR.</i>
VERIFIED BY	<i>FERRY EBOÑA</i>	SUBMITTED BY	<i>ENGR. NITDAXT. ALBANIO</i>
RECOMMENDING APPROVAL	<i>Luz R. Marcelino</i>	APPROVED BY	<i>Rodel P. Torrealba</i>
SHT. CONTENT	AS SHOWN ABOVE		
SHEET NO.	A-8		

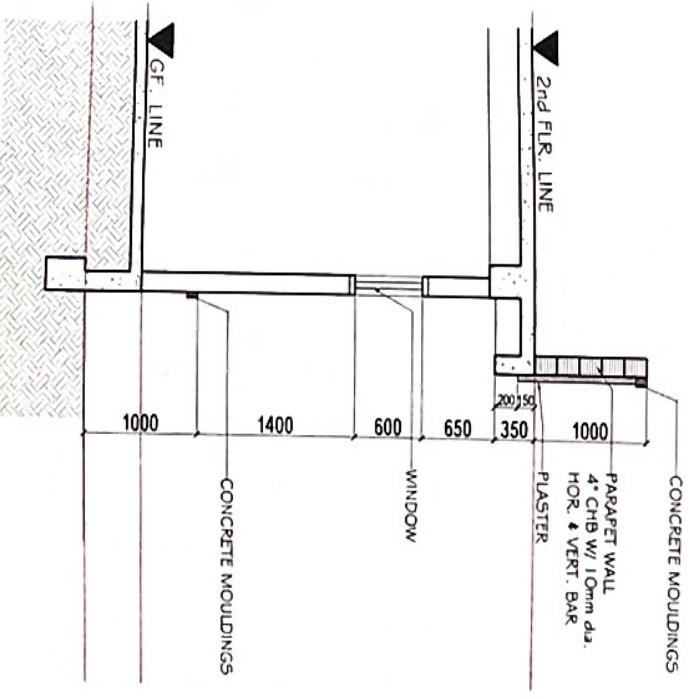


REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PILL, CAVARINES SUR

1 BAY SECTION 3
 A 9 SCALE 1:50m



1 BAY SECTION 4
 A 9 SCALE 1:50m



PROJECT TITLE PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	DESIGNED BY: <i>M. M. Pedinonte</i> M. M. PEDINONTE	CHECKED BY: <i>Engr. Onofre Ruiz Jr.</i> ONOFRE RUIZ JR.	VERIFIED BY: <i>Engr. Jerina Ebona</i> JERINA EBONA	SUBMITTED BY: <i>Engr. Nilda T. Albano</i> ENGR. NILDA T. ALBANO	RECOMMENDING APPROVAL: <i>Engr. Luz R. Marcelino</i> LUZ R. MARCELINO	APPROVED BY: <i>RODEL P. FORNILLA, MABE</i> RODEL P. FORNILLA, MABE REGIONAL FIELD OFFICE DIRECTOR	SHEET CONTENT AS SHOWN ABOVE SHEET NO. A-9
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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAVARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING
 LOCATION
 DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAVARINES SUR

DESIGNED BY:
 JULIUS CESAR M. REDIMONTE
 CAD - DESIGN

CHECKED BY:
 ONOFRE A. RUIZ JR.
 EROSS UNIT HEAD FOR ARRA

VERIFIED BY:
 EBERRY A. EBONA
 EPRODUCTION HEAD

SUBMITTED BY:
 ENGR. NICHOLAS T. ALBANO
 CHIEF - RATED

RECOMMENDING APPROVAL:
 LUZ R. MARCELINO
 RFO UNIT SUPERVISOR & ENGINEER

APPROVED BY:
 RODEL P. CORNAYEN, MABE
 REGIONAL FIELD OFFICE DIRECTOR

SHEET CONTENT
 AS SHOWN ABOVE
 SHEET NO.
A-10

1 DOOR SCHEDULE
 A 10 / SCALE
 1:40m

<p>D1</p>	<p>DESCRIPTION: SWING DOOR W/ FIXED WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME</p> <p>LOCATION: MAIN ENTRANCE</p> <p>REQUIREMENT: 2 SETS</p>	<p>D2</p>	<p>DESCRIPTION: SWING DOOR W/ 1/2 THK. GLASS ON ALUMINUM FRAME</p> <p>LOCATION: LABORATORIES, PANTRY & OFFICE</p> <p>REQUIREMENT: 14 SETS</p>	<p>D3</p>	<p>DESCRIPTION: HOLLOW CORE DOUBLE SWING PANEL DOOR</p> <p>LOCATION: STORAGE</p> <p>REQUIREMENT: 2 SETS</p>	<p>D4</p>	<p>DESCRIPTION: HOLLOW CORE PANEL DOOR W/ FIXED GLASS</p> <p>LOCATION: CHEM. STO. WASH & HOT RM.</p> <p>REQUIREMENT: 3 SETS</p>	<p>D5</p>	<p>DESCRIPTION: HOLLOW CORE PANEL DOOR</p> <p>LOCATION: SUPPLY, UTILITY RM. & PENTHOUSE</p> <p>REQUIREMENT: 5 SETS</p>
<p>D6</p>	<p>DESCRIPTION: HOLLOW CORE PANEL DOOR</p> <p>LOCATION: RESTROOM & LABORATORY</p> <p>REQUIREMENT: 5 SETS</p>	<p>D7</p>	<p>DESCRIPTION: HOLLOW CORE PANEL DOOR</p> <p>LOCATION: PWD TOILET & STORAGE</p> <p>REQUIREMENT: 1 SET</p>	<p>D8</p>	<p>DESCRIPTION: SOLID CORE PANEL DOOR</p> <p>LOCATION: HALLWAY / ROOF DECK</p> <p>REQUIREMENT: 2 SETS</p>	<p>D9</p>	<p>DESCRIPTION: METAL SWING DOOR W/ PUSH BAR</p> <p>LOCATION: FIRE EXIT</p> <p>REQUIREMENT: 1 SET</p>	<p>D10</p>	<p>DESCRIPTION: SLIDING DOOR W/ 1/2 THK. GLASS ON ALUMINUM FRAME</p> <p>LOCATION: CHIEF OFFICE BALCONY</p> <p>REQUIREMENT: 1 SET</p>
<p>D11</p>	<p>DESCRIPTION: SLIDING DOOR W/ 1/2 THK. GLASS ON ALUMINUM FRAME</p> <p>LOCATION: OFFICE / STAFF AREA</p> <p>REQUIREMENT: 1 SET</p>								

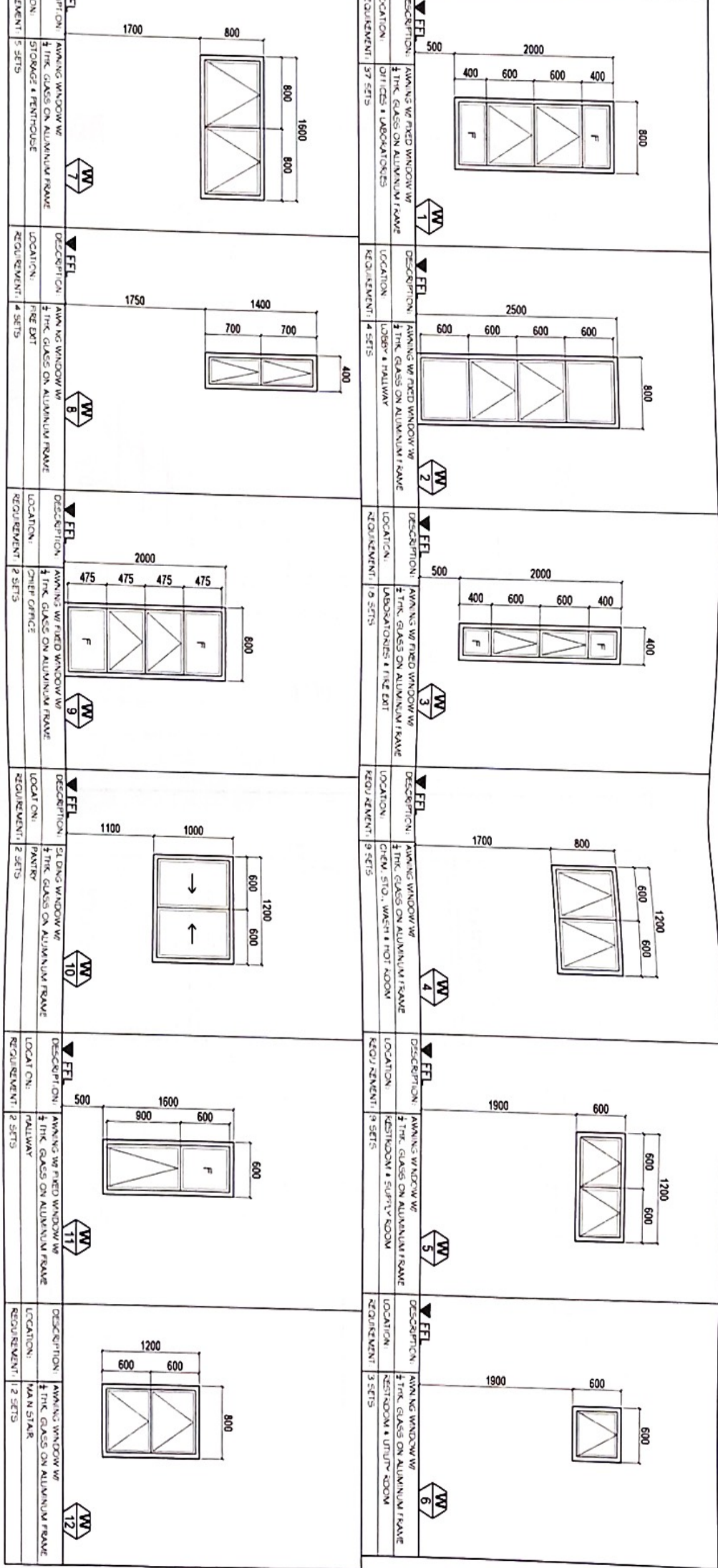


REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE	DESIGNED BY:	CHECKED BY:	VERIFIED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	JULIUS CAZAR M. PEDIMONE	ONOFRE A. RUIZ JR.	JERRY A. EBORA	ENGR. WILBERT ALBANO	LUZ R. MARCELINO	RODEL TOPAYILLA, MABE	AS SHOWN ABOVE SHEET NO A-11
LOCATION: DA RPO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR	DESIGN NO: 100-100001	DRAWN BY: CROSS UNIT HEAD FOR AREA	ENGR. SECT. ON: HEAD	CHIEF	NO. OF OPERATING & EXISTING	ATTORNEY AT LAW	

NO.	DESCRIPTION	LOCATION	REQUIREMENT	NO.	DESCRIPTION	LOCATION	REQUIREMENT
1	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	OFFICES & CORRIDORS	37 SETS	7	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	STORAGE & PENHOUSE	5 SETS
2	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	LOBBY & HALLWAY	4 SETS	8	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	REAR EXIT	4 SETS
3	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	LABORATORIES & REAR EXIT	16 SETS	9	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	CHIEF OFFICE	2 SETS
4	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	GEN. STO., WASH. & HOT ROOM	9 SETS	10	SLIDING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	PAINTER	2 SETS
5	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	RESTROOM & SUPPLY ROOM	9 SETS	11	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	HALLWAY	2 SETS
6	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	RESTROOM & UTILITY ROOM	3 SETS	12	AWNING WINDOW W/ 1/2 THK. GLASS ON ALUMINUM FRAME	MAIN STAIR	1/2 SETS

1 WINDOW SCHEDULE
 A11 SCALE
 1:50m





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAVARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
JULIUS CEAR M. NEDIMONTI
 CAD - DESIGN

CHECKED BY:
ONOFRE K. RUIZ JR.
 EROD. UNIT HEAD FOR AREA

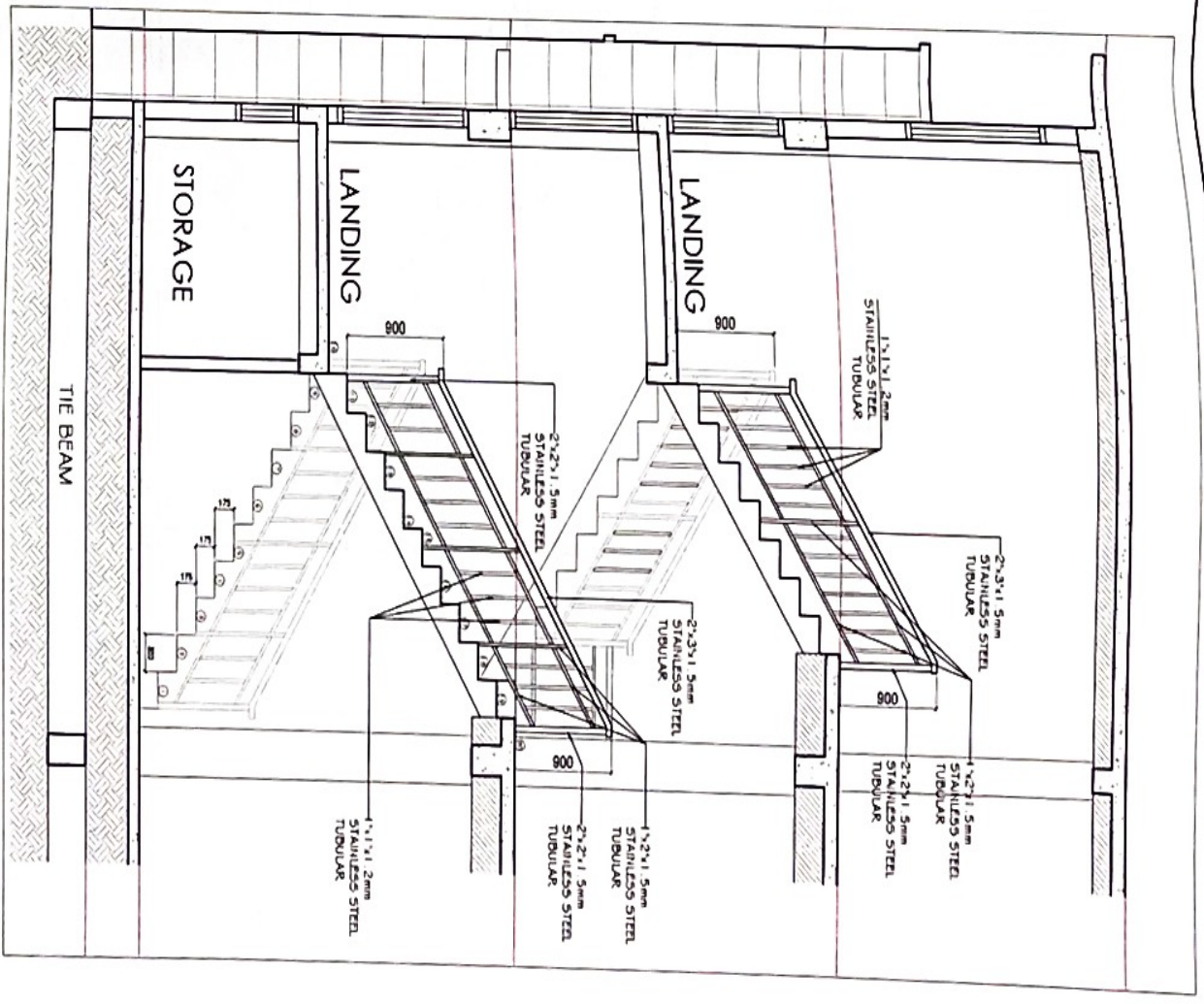
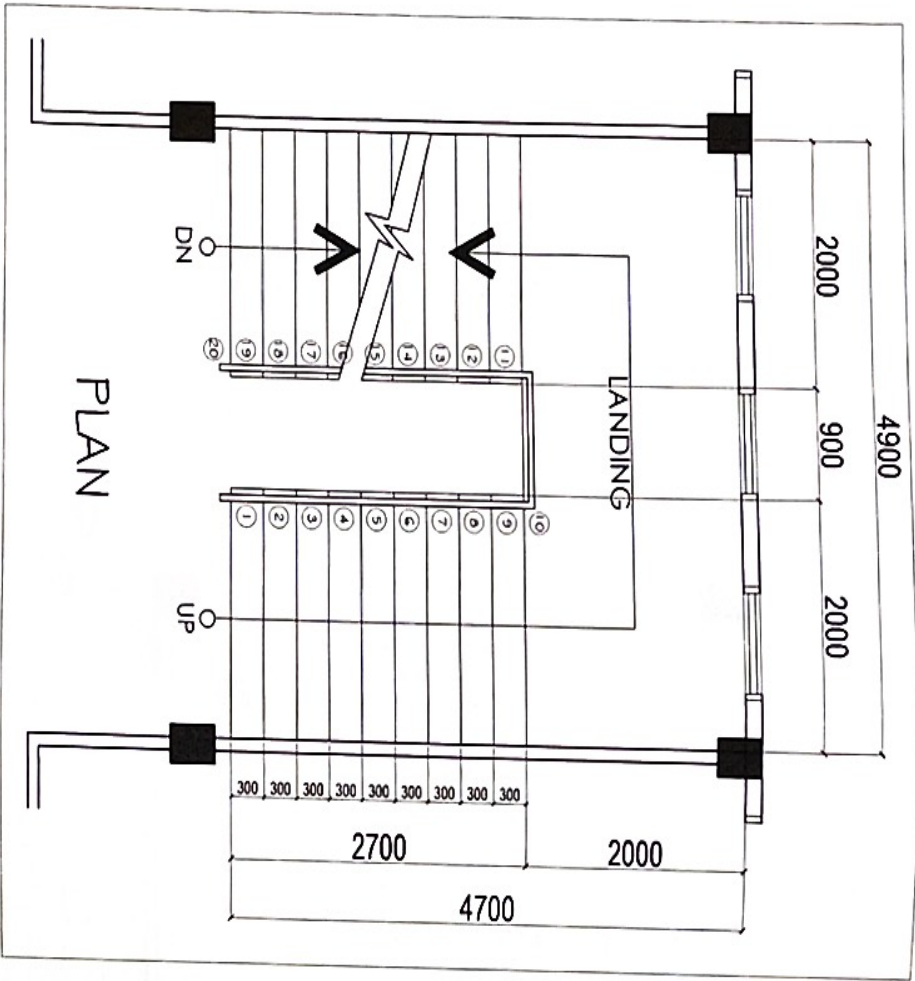
REPORTED BY:
JERRY EBONA
 EROD. UNIT HEAD

SUBMITTED BY:
ENGR. NITDA T. ALBANO
 CHIEF - BAYED

RECOMMENDING APPROVAL:
LIZ R. MARCELINO
 RFD - CREATIONS & EXTENSION

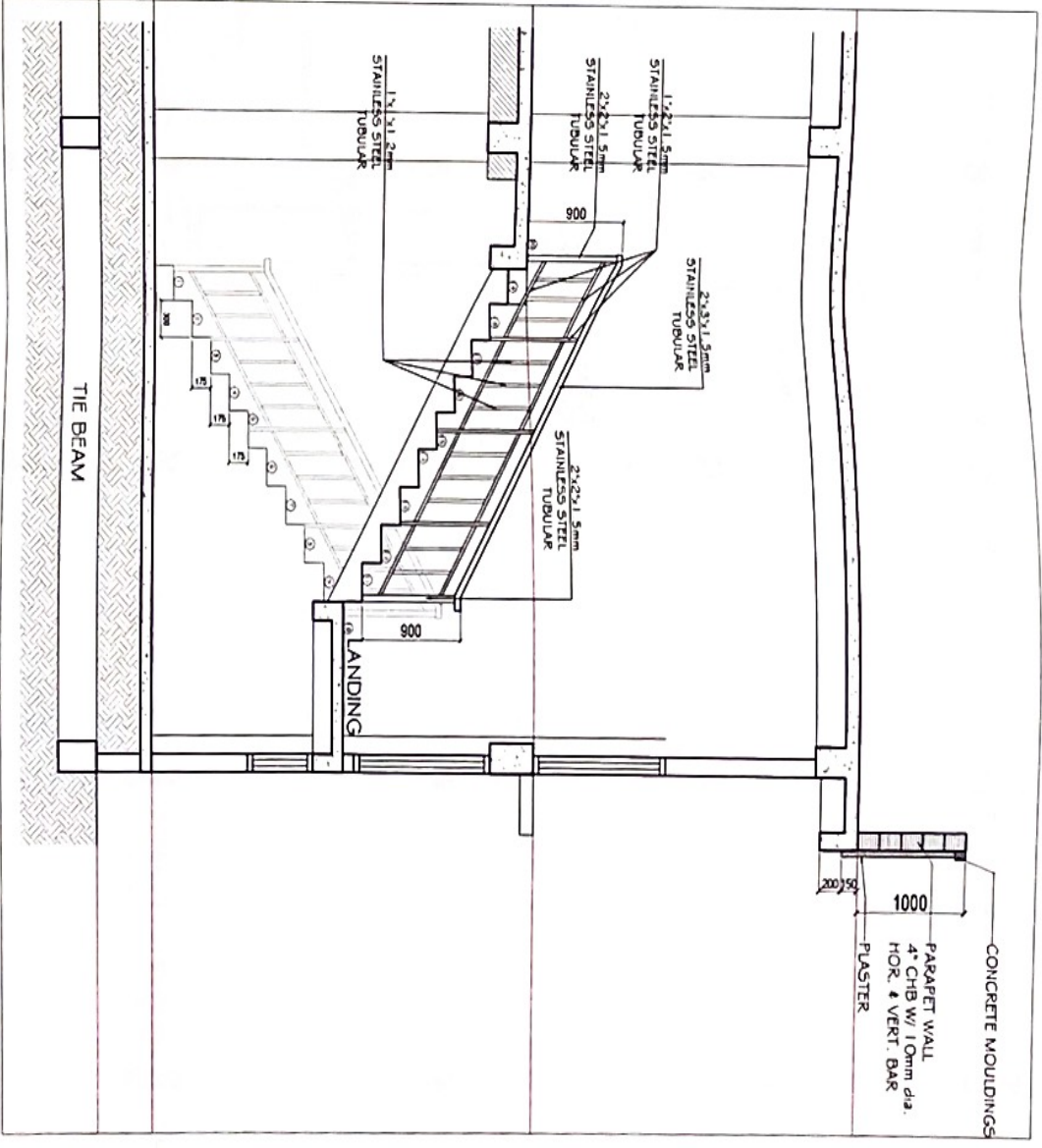
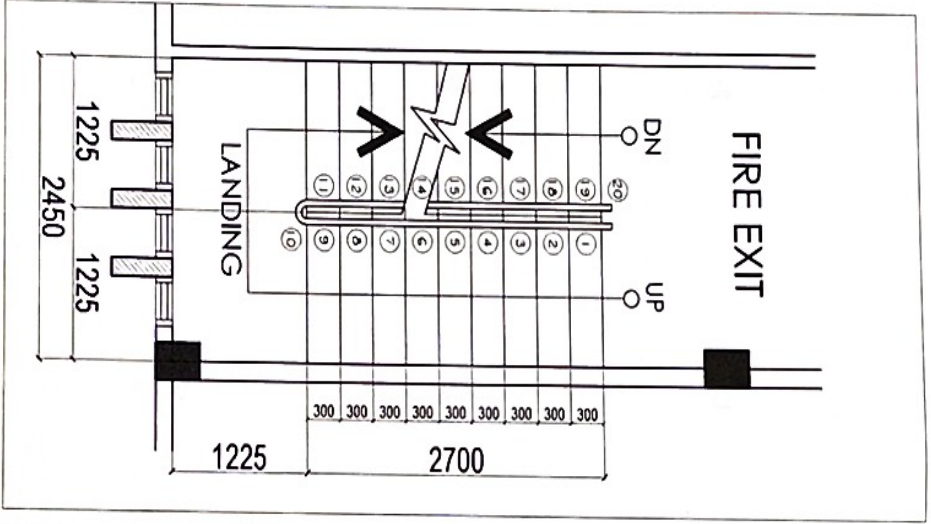
APPROVED BY:
RODEL P. ORNELLA, MABE
 REGIONAL FIELD OFFICE DIRECTOR

1 MAIN STAIR DETAIL
 SCALE 1:50m





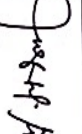



SHEET NO
A-12

SMT. CONTENT
 AS SHOWN ABOVE



1 FIRE EXIT STAIR DETAIL
 A13 SCALE 1:50m

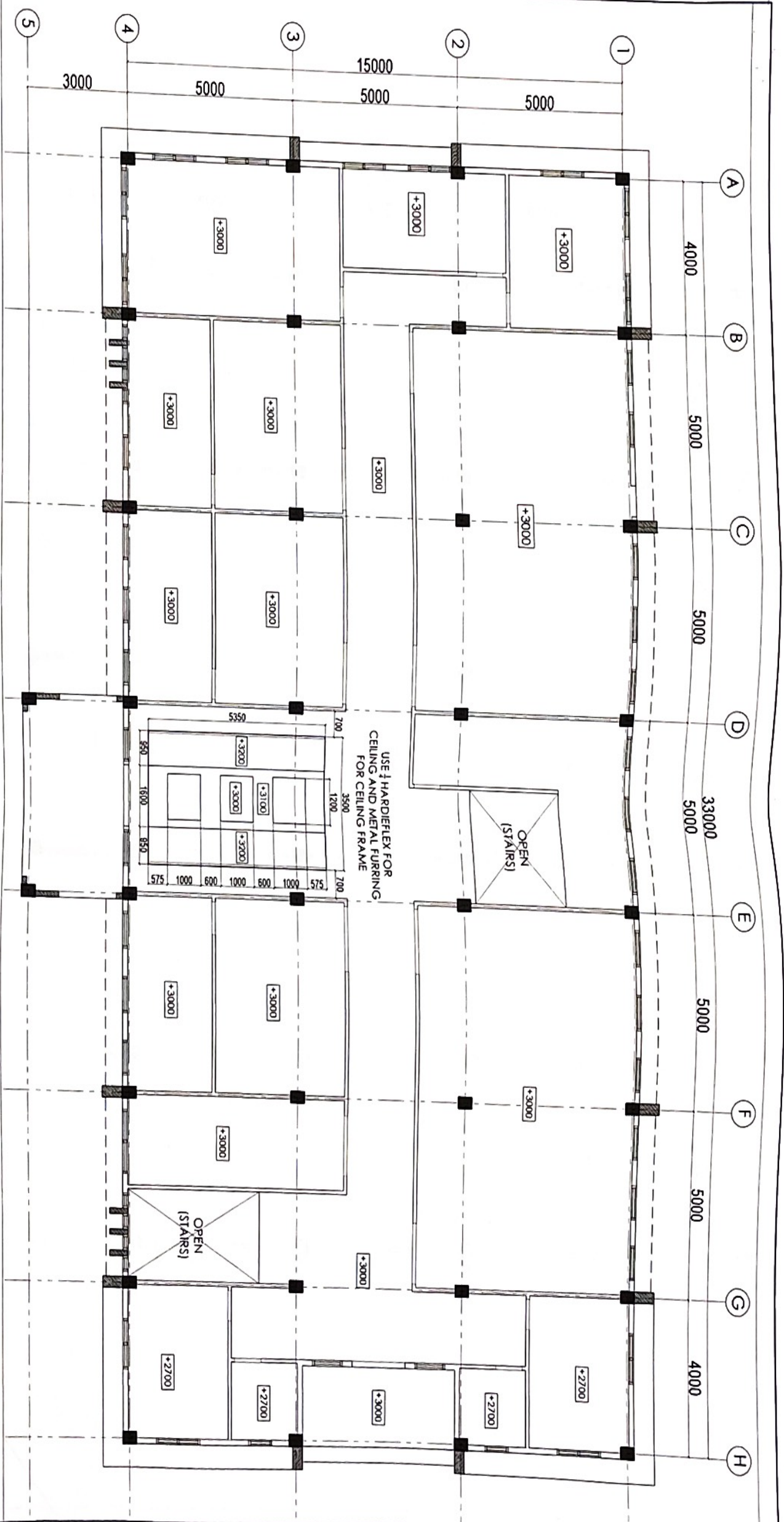
PROJECT TITLE	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING					
DESIGNED BY:	 JULIUS CESAR M. REMONTJE CAD - DESIGN					
CHECKED BY:	 ONOFRE A. RUIZ JR. UPON UNIT HEAD FOR AREA					
VERIFIED BY:	 JERRYA EBONA ENGINEER SECTION HEAD					
SUBMITTED BY:	 ENGR. NILUA T. ALBANO CHIEF - PAID					
RECOMMENDING APPROVAL:	 LUZ R. MARCELINO HOD IN CHARGE OF A DIVISION					
APPROVED BY:	 RODEL FORANCLA, MABE REGIONAL FIELD OFFICE DIRECTOR					
SHEET CONTENT	AS SHOWN ABOVE					
SHEET NO.	A-13					



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, P.I.L. CAVARINES SUR

PROJECT TITLE	DESIGNED BY:	CHECKED BY:	VERIFIED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHT. CONTENT
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	JULIUS CEAR M. PEDIMONTE	ONOFRE A. RUIZ JR.	ERRY A. EBONA	ENGR. MILDIA T. ALBANO	LUZ R. MARCELINO	RODEL R. TORO	AS SHOWN ABOVE
LOCATION: DA RFO 5 COMPOUND, SAN AGUSTIN, P.I.L. CAVARINES SUR	DESIGNED BY: (Signature)	CHECKED BY: (Signature)	VERIFIED BY: (Signature)	SUBMITTED BY: (Signature)	RECOMMENDING APPROVAL: (Signature)	APPROVED BY: (Signature)	SHEET NO.
							A-14

1 CEILING PLAN (GF)
 A14 SCALE
 1:100m





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY
 JULIUS CESAR M. REDIMONTE

CHECKED BY
 ONORRE A. RUIZ JR.

VERIFIED BY
 JERRY A. EBOÑA

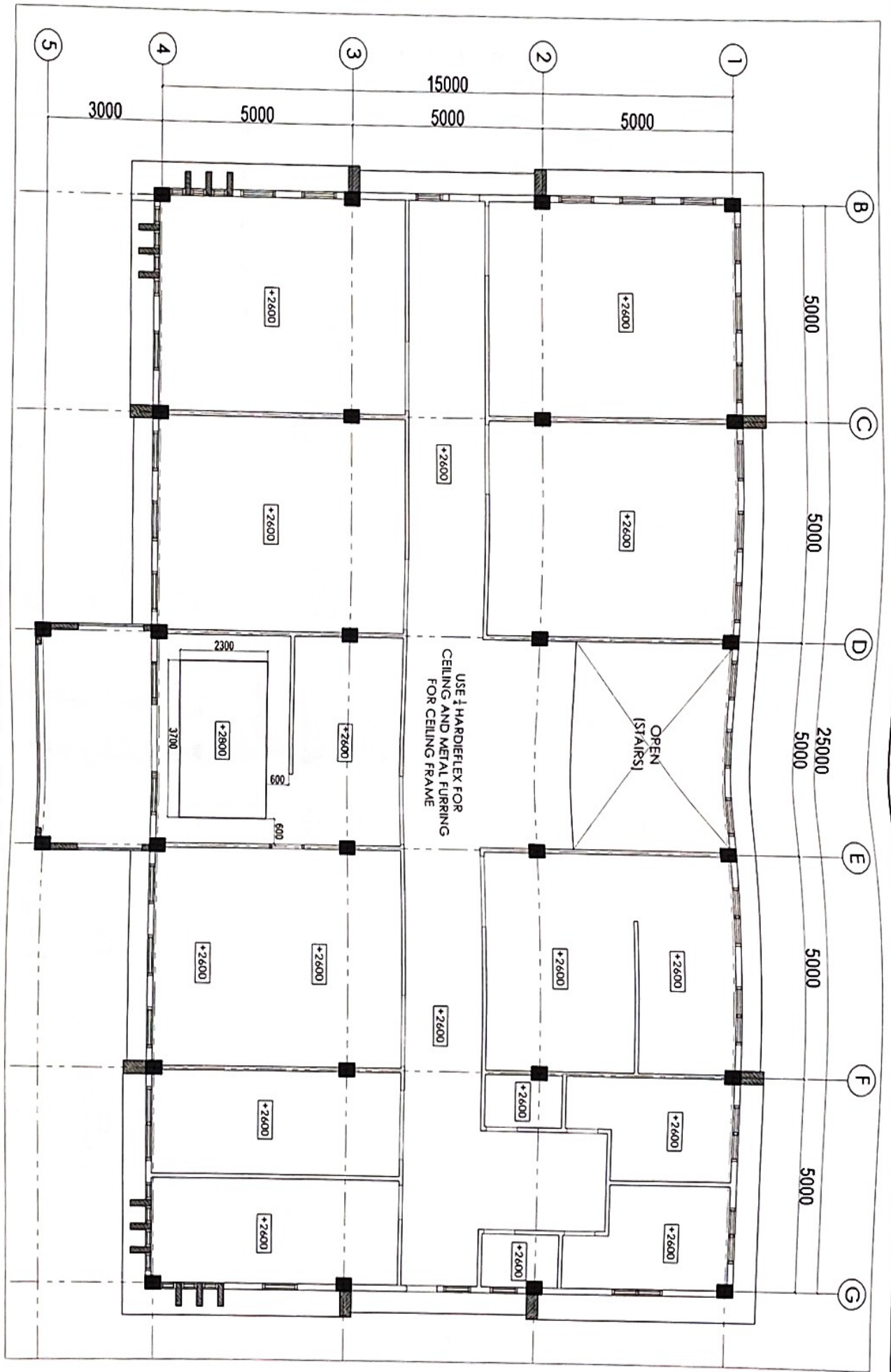
SUBMITTED BY
 ENGR. NILDIA T. ALBARO

RECOMMENDING APPROVAL
 ENGR. LUIZ R. MARCELINO

APPROVED BY
 RODEL P. DOMANILLA, MABE

SHEET CONTENT
 AS SHOWN ABOVE
 SHEET NO.
A-15

1 CEILING PLAN (GF)
 A15 SCALE
 1:100m





DEPARTMENT OF AGRICULTURE
 REPUBLIC OF THE PHILIPPINES
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, P.I.L. CAMARINES SUR

PROJECT TITLE:
**REHABILITATING OF OLD RCPG
 BUILDING TO REGIONAL CLIMATE
 ADAPTATION AND MITIGATION**

DESIGNED BY:
 JULIUS CEZAR M.
 PEDINONTE
 CAD - DESIGNER

CHECKED BY:
 DONGRE A. RUIZ JR.
 ENGINEER IN CHARGE FOR PERMITS

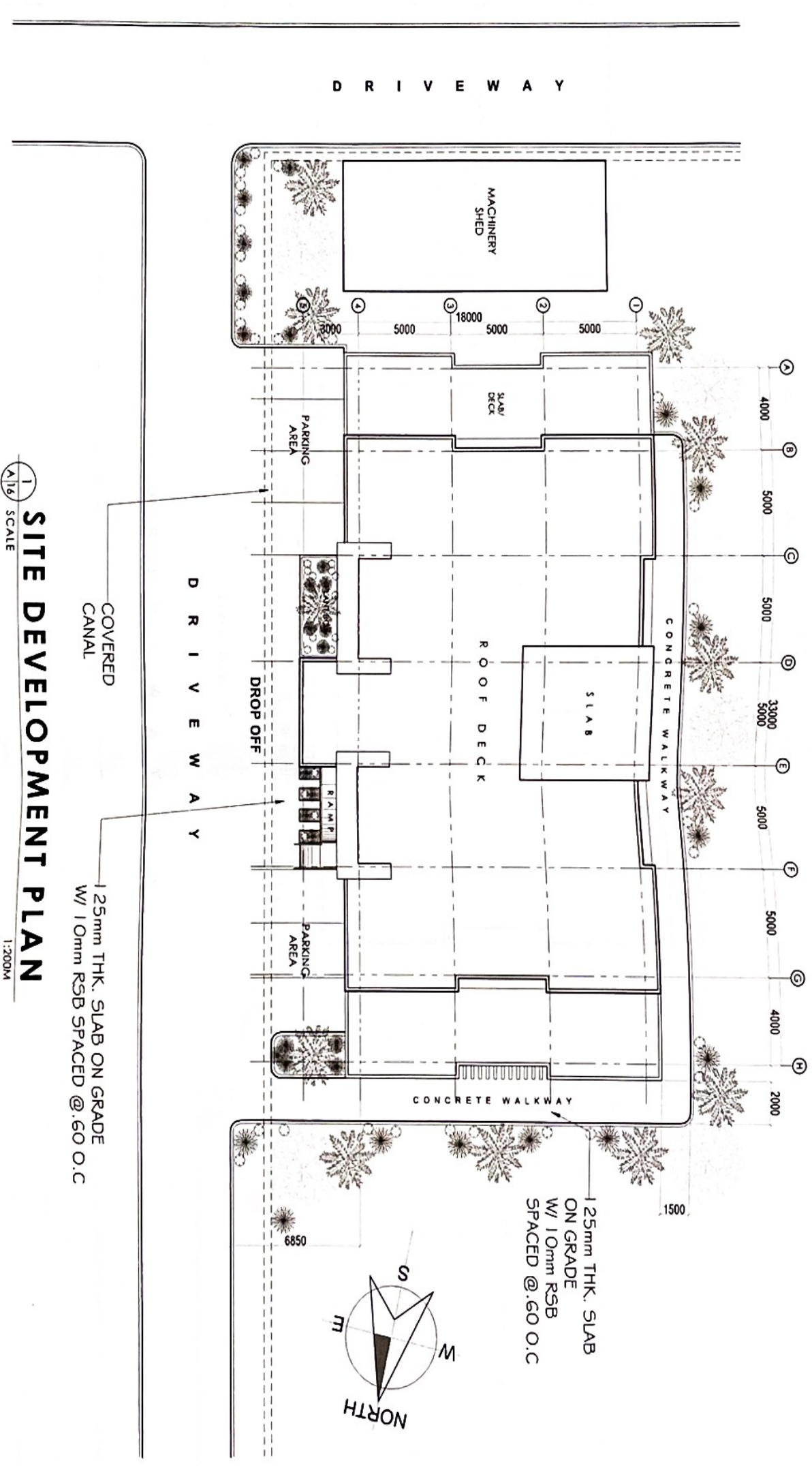
VERIFIED BY:
 JERRY A. EBORA
 SECTION CHIEF - PERMITS

SUBMITTED BY:
 ENGR. ROBERT S. SALCEDO
 OIC - CHIEF - RABD

RECOMMENDING APPROVAL:
 LIZ R. MARCELIANO
 RABD OPERATOR

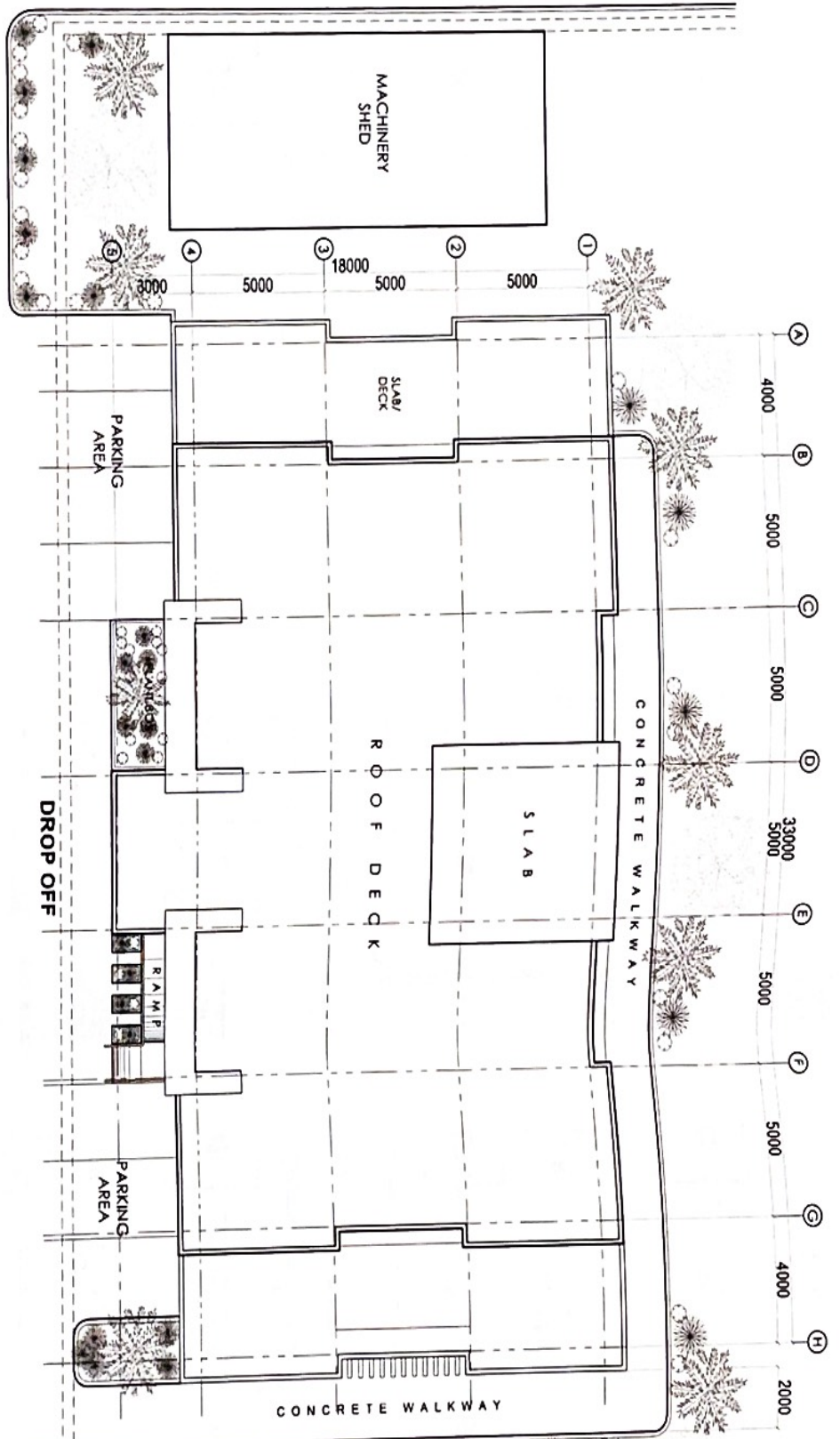
APPROVED BY:
 RODEL TORO VILLALBA
 REGIONAL EXECUTIVE DIRECTOR

SHEET NO.
A-15



SITE DEVELOPMENT PLAN
 SCALE 1:200M

D R I V E W A Y



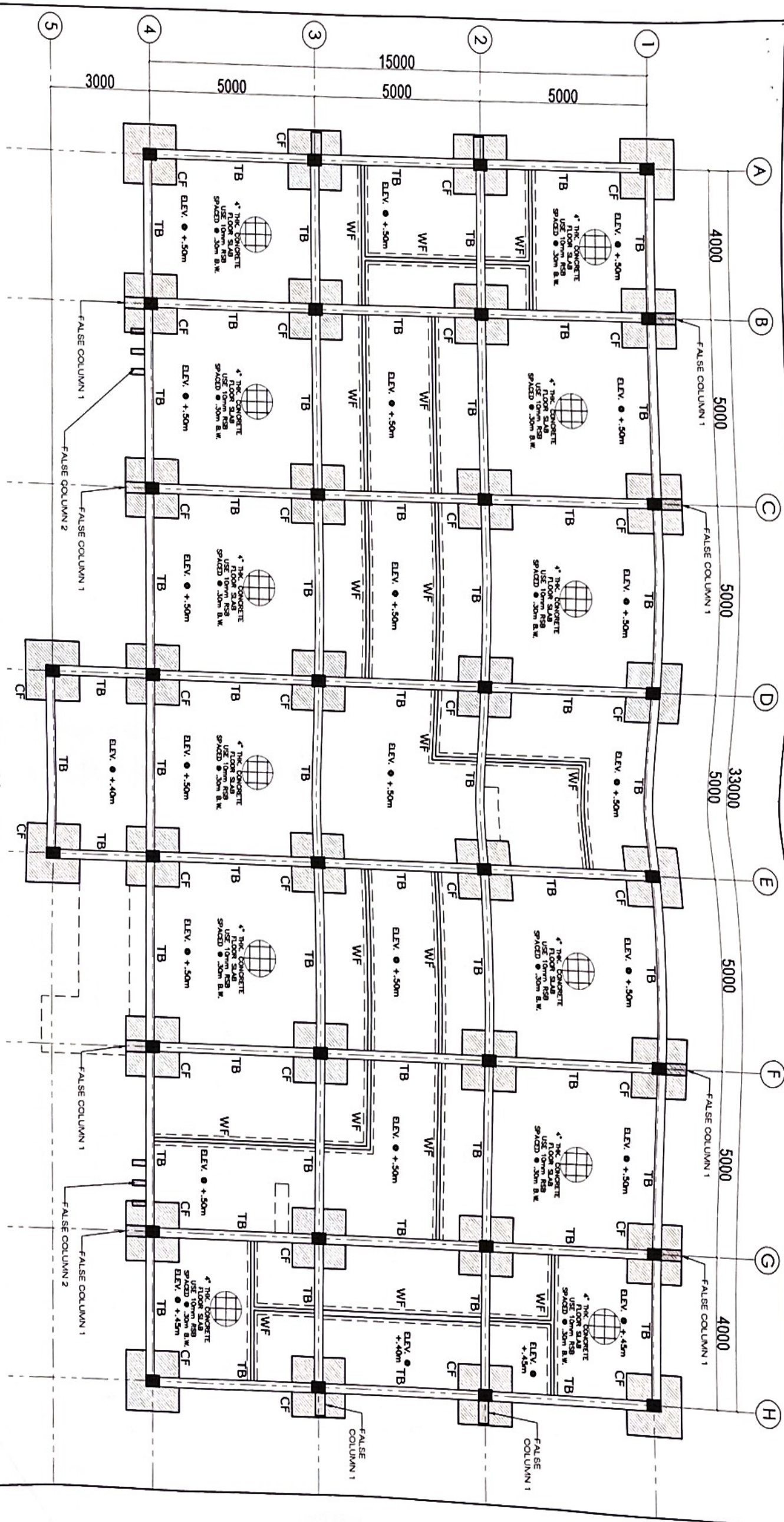
D R I V E W A Y

- COMMUNICATION FACILITY GENERAL NOTE :**
1. INSTALL 48 HOURS SERVICE ON DATA BACK FOR WITH 48 HOURS SERVICE
 2. INSTALL A LAMP OR ILLUMINATION POINT WITH A STANDARD DETACHED ONE IN THE BEST LOCATION
 3. USE 50 TRUNK 50 TRUNK AND CABLE CABLE AND 50 TRUNK DETACHED CABLE WITH MANUFACTURER
 4. MANUFACTURER'S SPECIFICATIONS SHALL BE INSTALLED IN A NEAR BY AREA IN ACCORDANCE WITH THE MOST RECOMMENDED
- FIRE PROTECTION GENERAL NOTE :**
1. PROVIDE A STANDARD USE OF CISTERN TANK WITH PUMP THAT WILL COVER THE NEED OF BUILDING
 2. INSTALL A FIRE ALARM SYSTEM (CONVENTIONAL & STATION) WITH FIRE ALARM BELL AND LOGICAL USE
 3. INSTALL A SMOKE DETECTOR AND HEAT DETECTOR WITH STANDARD WACHING REQUIRED BY THE
 4. USE IN NEW 1. SMALL THE ONE PUMP FOR ELECTRICAL/WIRING
 5. ALL PIPING SHALL BE TO BE AS HIGH AS POSSIBLE
 6. ALL PIPING SHALL BE ORGANIZED NEATLY AND BE 100% TO WALL AND CEILING WITH STANDARD CLEARANCE
 7. ALL PIPING SHALL BE ORGANIZED NEATLY AND BE 100% TO WALL AND CEILING WITH STANDARD CLEARANCE
 8. ALL PIPING SHALL BE ORGANIZED NEATLY AND BE 100% TO WALL AND CEILING WITH STANDARD CLEARANCE






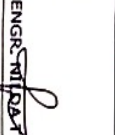
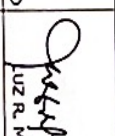

REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PALLI, CAVARINES SUR

PROJECT TITLE: REHABILITATING OF OLD RCPC BUILDING TO REGIONAL CLIMATE ADAPTATION AND MITIGATION	DESIGNED BY: JULIUS CEZAR N. PEDIMONTI C/O-DESIGN	CHECKED BY: [Signature] ENGR. UBT-READ BY PERLA	VERIFIED BY: [Signature] SECT. HEAD AD-UTROSS	SUBMITTED BY: [Signature] ENGR. GILBERT S. SALCEDO OIC CHIEF-RAED	RECOMMENDING APPROVAL: [Signature] LUZ R. MARCELINO RTO for OPERATION	APPROVED BY: [Signature] RODEL F. DOMINILA, MAGE REGIONAL FIELD OFFICE DIRECTOR	SHT. CONTENT: AS SHOWN ABOVE SHEET NO. 17
--	---	---	---	--	--	--	---

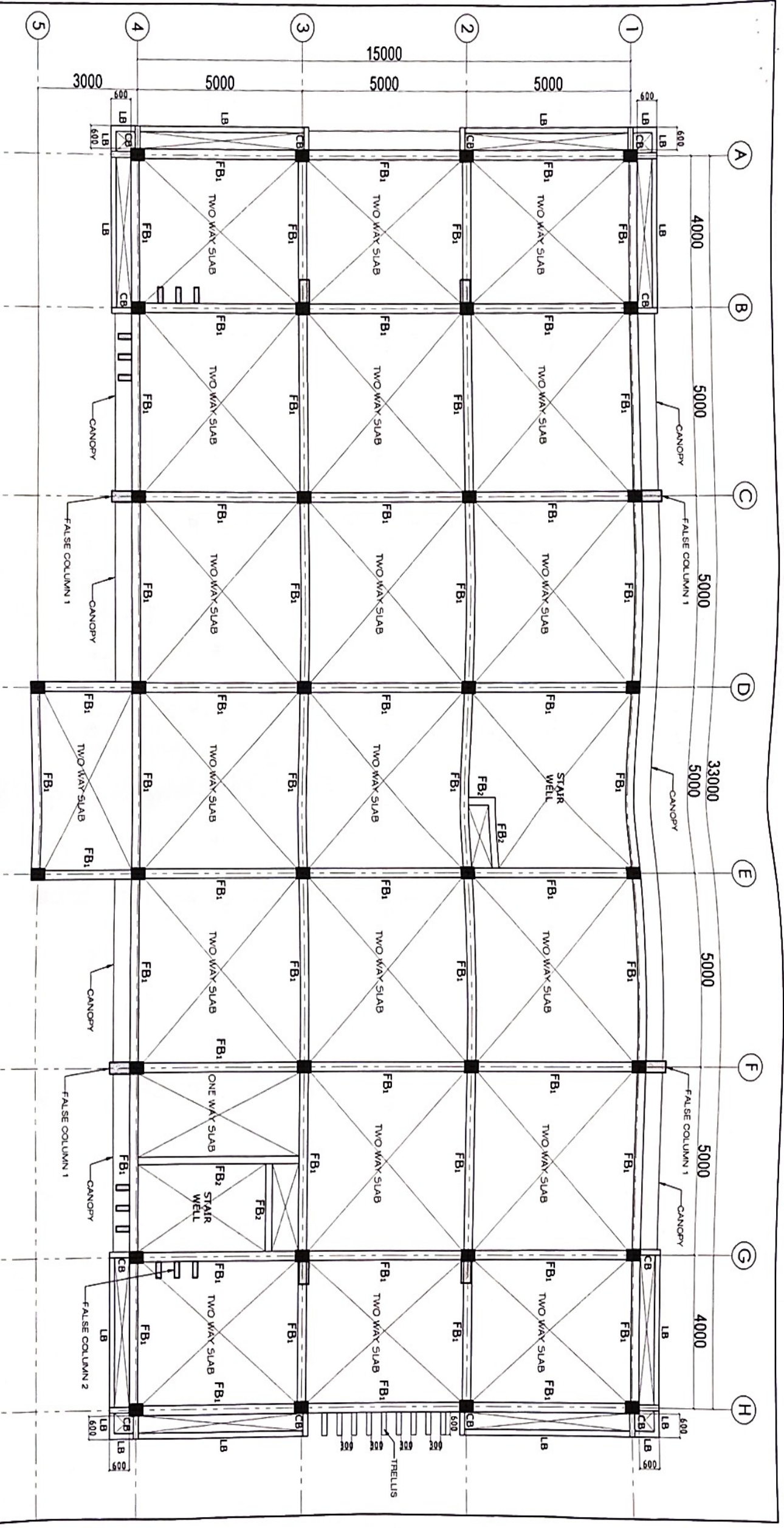


1 FOUNDATION PLAN
S 1 SCALE 1:100m

PROJECT TITLE	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING				
DESIGNED BY	TULIUS SEZAR M. PEDIMONTE	CHECKED BY	ONORRE W. RUIZ JR.	VERIFIED BY	JERRY A. EBONA
SUBMITTED BY	ENGR. NITIDA T. ALBANO	RECOMMENDING APPROVAL	LUZ R. MARCELINO	APPROVED BY	RODEL B. CAVILLA, MABE
LOCATION	DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR	CROSS UNIT HEAD OR SUFFA	CROSS SECTION HEAD	CHIEF - RAED	REGIONAL OFFICE DIRECTOR
SHEET NO.	S-1				
SHT. CONTENT	AS SHOWN ABOVE				

PROJECT TITLE	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING			
DESIGNED BY	 JULIUS CESAR M. REDIMONT <small>CHIEF ARCHITECT</small>			
CHECKED BY	 ONDEJ A. RUIZ JR. <small>CROSS UNIT HEAD FOR ADRRA</small>			
VERIFIED BY	 JERRY A. EBONA <small>SENIOR ARCHITECT STATION HEAD</small>			
SUBMITTED BY	 ENGR. RODAT ALBANO <small>CHIEF - PA&E</small>			
RECOMMENDING APPROVAL	 LUZ R. MARELINO <small>ENR & OPERATIONS & EXTENSION</small>			
APPROVED BY	 RODEL B. TORNILILLA, MABE <small>REGIONAL EXECUTIVE DIRECTOR</small>			
SHEET NO.	S-2			
CHIT. CONTENT	AS SHOWN ABOVE			

1 2ND FLOOR FRAMING PLAN
 SCALE 1:100m



PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
 JULIUS BEZAR M. PEDIMONTE

CHECKED BY:
 ONDREJA RUIZ JR.

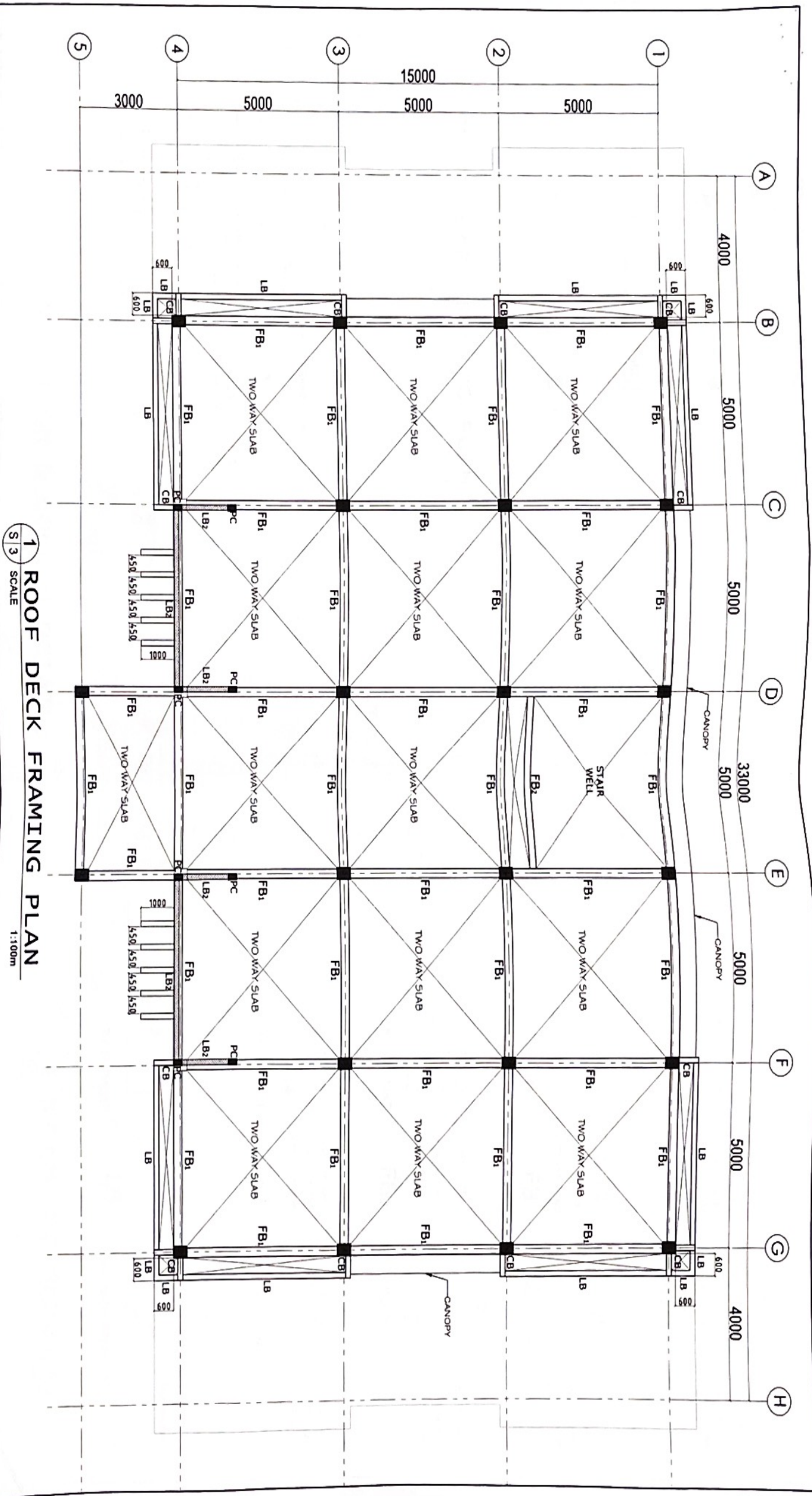
VERIFIED BY:
 HENRY EBONA

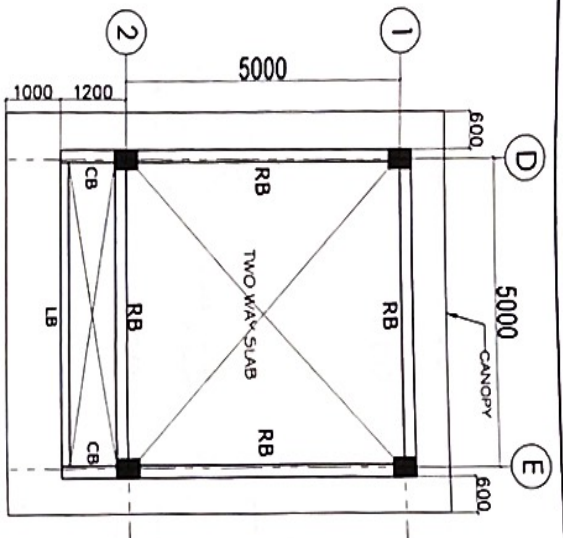
SUBMITTED BY:
 ENGR. ALBERT ALBARANO

RECOMMENDING APPROVAL:
 LIZ R. MARCELINO

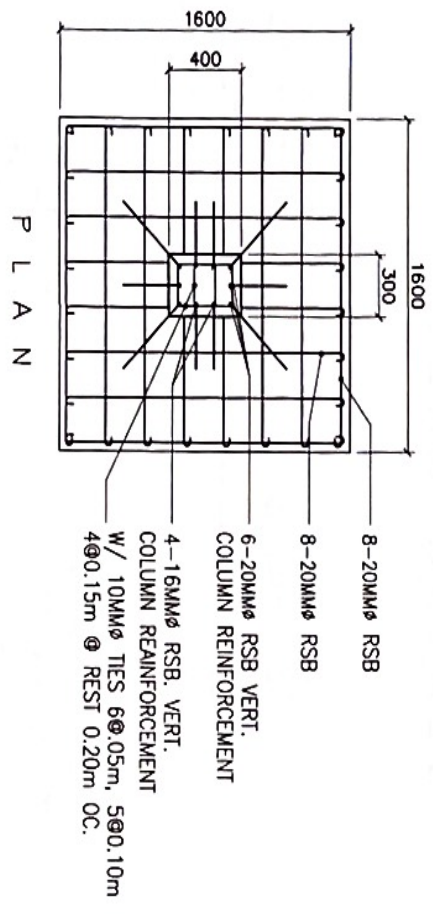
APPROVED BY:
 RODRIGO TORNILLA, MABE

SHT. CONTENT
 AS SHOWN ABOVE
 SHEET NO. **S-3**

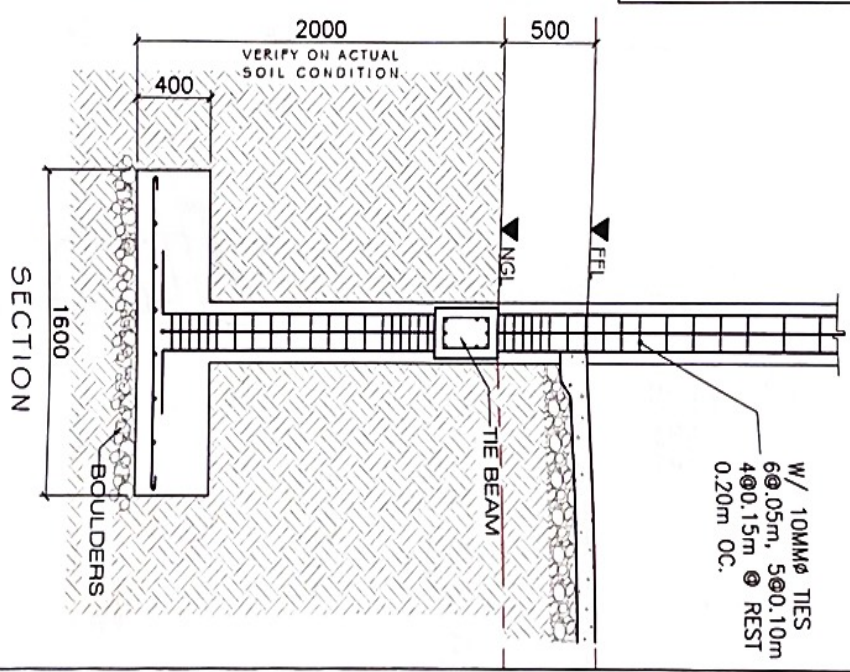




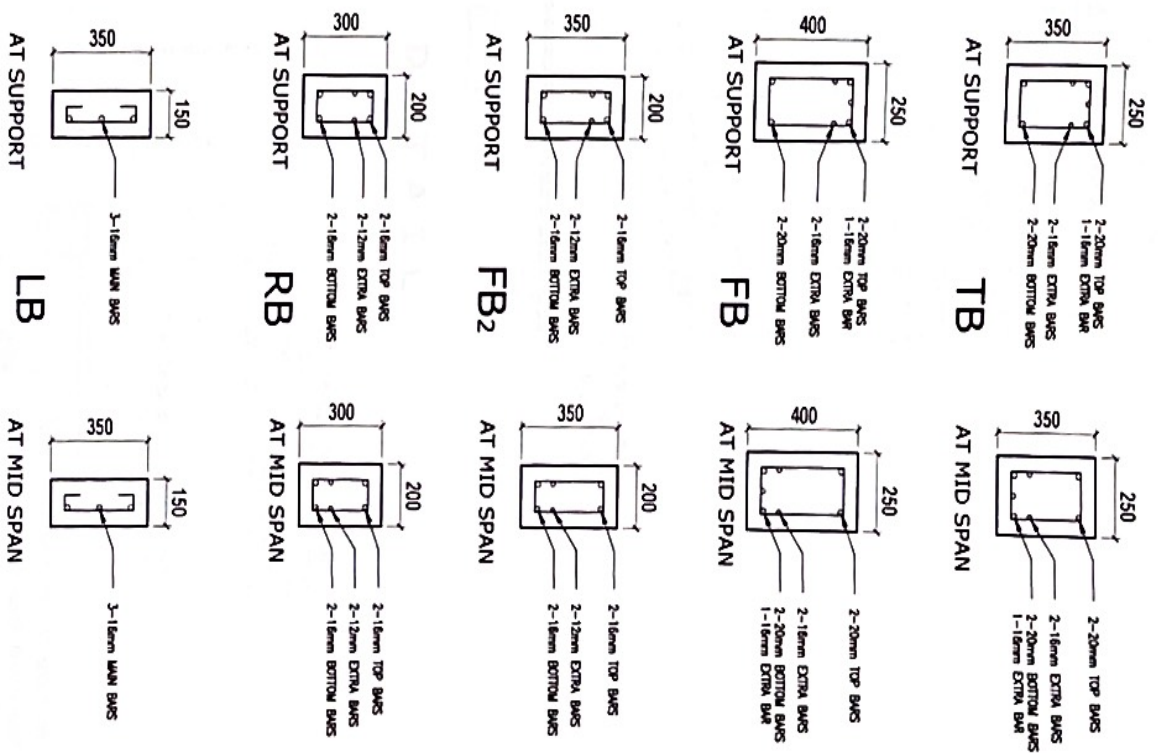
1 ROOF SLAB FRAMING PLAN
SCALE S1/4
1:100m



2 FOUNDATION & COLUMN DETAIL
SCALE S1/4
1:30m



PLANTED COLUMN DETAIL



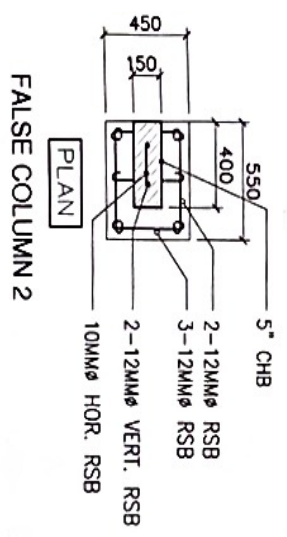
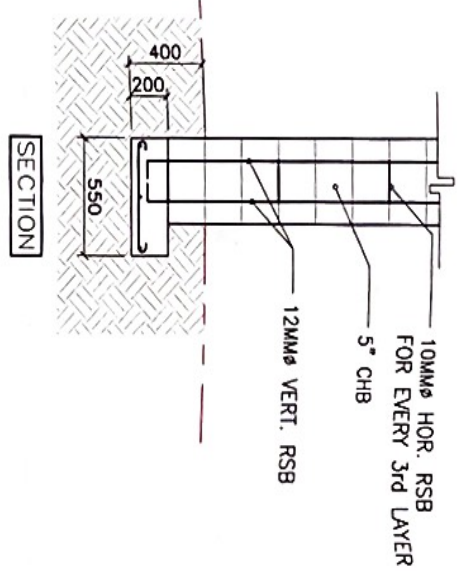
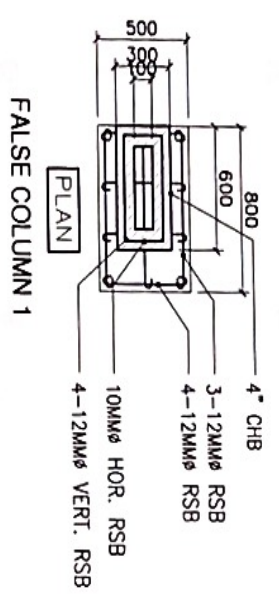
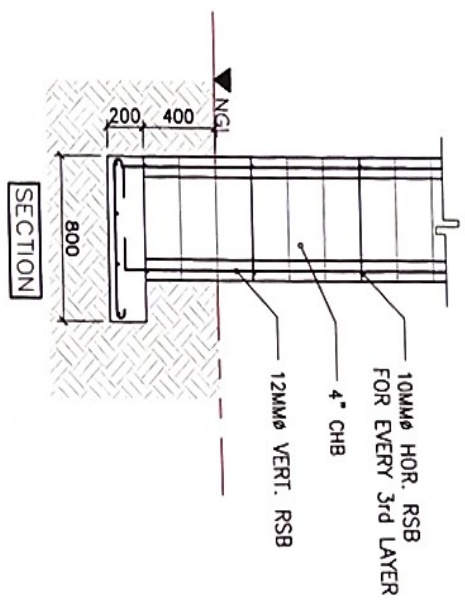
3 BEAM SCHEDULE
SCALE S1/4
1:20m

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 5 SAN AGUSTIN, PULI, CAVARINES SUR</p>	PROJECT TITLE	DESIGNED BY	CHECKED BY	VERIFIED BY	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT
	<p>PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING</p> <p>LOCATION DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAVARINES SUR</p>	<p>JULIUS OZAR M. PEDIMONTE</p> <p>ONOFRE A. RUIZ JR. ENGR. - RUC</p> <p>JERRY A. EBOÑA ENGR. - SECTION HEAD</p> <p>ENGR. WENDEL ALBANO CHEF - PAID</p> <p>LUZ R. MARCELINO ENGR. - OPERATIONS & FINANCE</p> <p>RODEL T. VILLALBA, MABE ENGR. - CIVIL DESIGNER</p>	<p>AS SHOWN ABOVE</p> <p>SHEET NO. S-4</p>					

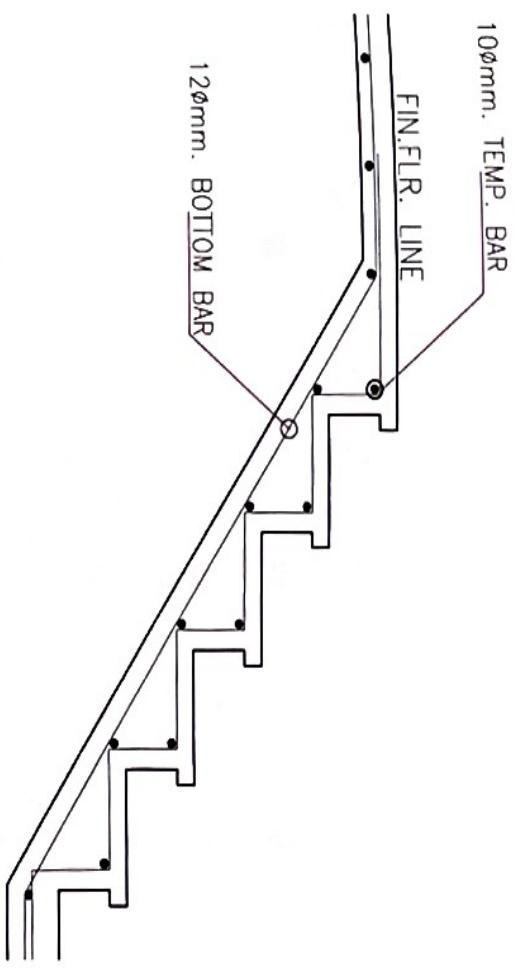


REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, P.I., CAMARINES SUR

PROJECT TITLE	REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	
LOCATION	DA RFO 5 COMPOUND, SAN AGUSTIN, P.I., CAMARINES SUR	
DESIGNED BY	JULIUS CEARA M. MEDIMONTE	CHIEF - DESIGN
CHECKED BY	ONGSIE A. RUIZ JR.	EXPRESS UNIT HEAD FOR RFR/RA
VERIFIED BY	JERRY A. EBONIA	EPD - SECTION HEAD
SUBMITTED BY	ENGR. ALBANO ALBANO	CHIEF - PAVED
RECOMMENDING APPROVAL	LUZ R. MARCELINO	EPD FOR OPERATIONS & EXTENSION
APPROVED BY	RODEL TORREALA, MABE	REGIONAL FIELD OFFICE DIRECTOR
SHEET CONTENT	AS SHOWN ABOVE	
SHEET NO.	3-5	



1 FALSE COLUMN DETAIL
 SCALE 1:30m



2 STAIR DETAIL
 SCALE



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE

1 G/F COLD WATER LINE LAYOUT PLAN
 SCALE 1:100m

DESIGNED BY:

CHECKED BY:

VERIFIED BY:

SUBMITTED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET CONTENT

PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING
 LOCATION: DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR

DESIGNED BY: JULIUS CESAR M. REDIMONTE

CHECKED BY: ONDRE W. RUIZ JR.

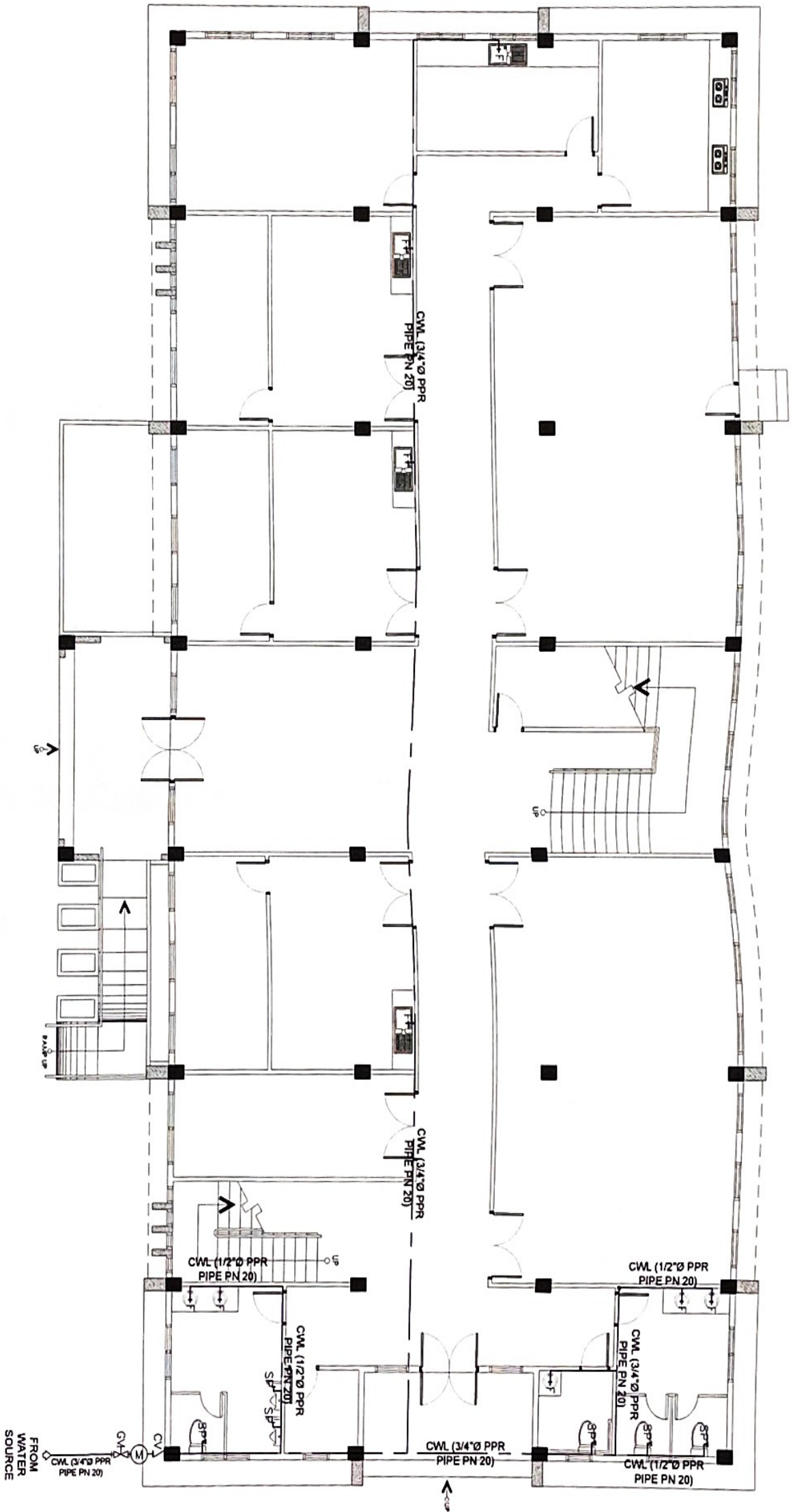
VERIFIED BY: JERRY A. EBONA

SUBMITTED BY: ENGR. ALBERTO ALBAÑO

RECOMMENDING APPROVAL: LUZ R. MARCELINO

APPROVED BY: RODEL P. ORNIA, L.A. MABE

SHEET NO. P-1





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
 JULIUS CESAR M. REDIMONTE
 CAD

CHECKED BY:
 ONOFRE A. RUIZ JR.
 EPROS UNIT HEAD FOR AFRSA

VERIFIED BY:
 JERRY A. EBONA
 EXECUTIVE SECTION HEAD

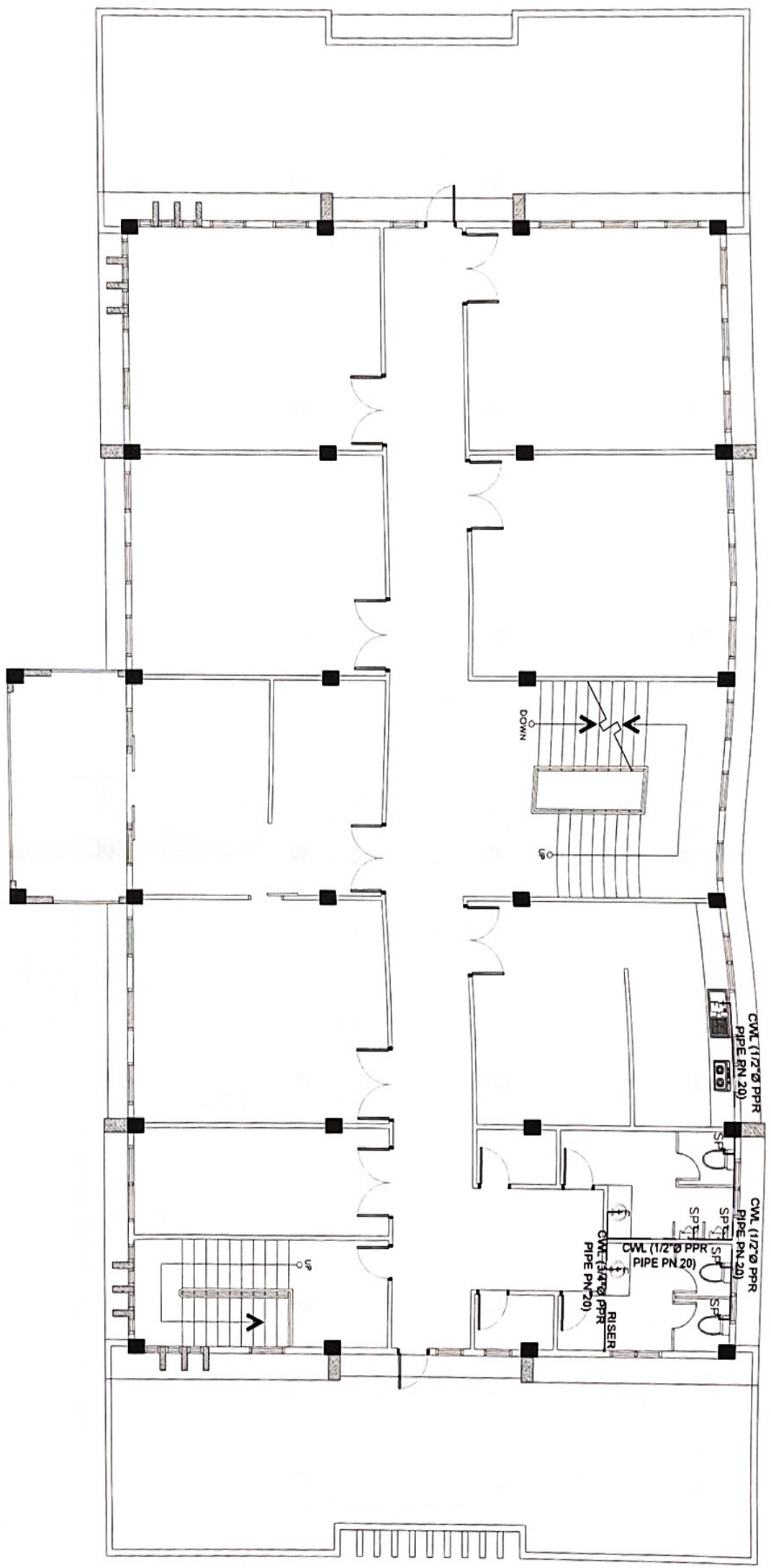
SUBMITTED BY:
 ENGR. NICKY T. ALBARO
 CHEF-PAID

RECOMMENDING APPROVAL:
 LUIZ R. MACCELINO
 A/D FOR OPERATIONS & EXTENSION

APPROVED BY:
 RODEL S. TOPIYILLA, MABE
 REGIONAL FIELD OFFICE DIRECTOR

DATE
 AS SHOWN ABOVE
 SHEET NO.
P-2

1 2/F COLD WATER LINE LAYOUT PLAN
 SCALE 1:100m



CMT CONTENT
 AS SHOWN ABOVE
 SHEET NO.
P-2



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

PROJECT TITLE:
PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

DESIGNED BY:
 JULIUS BEZAR M. PEDIMONTE

CHECKED BY:
 ONOFRE A. RUIZ JR.

VERIFIED BY:
 ERRY EBONA

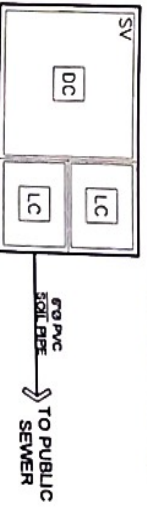
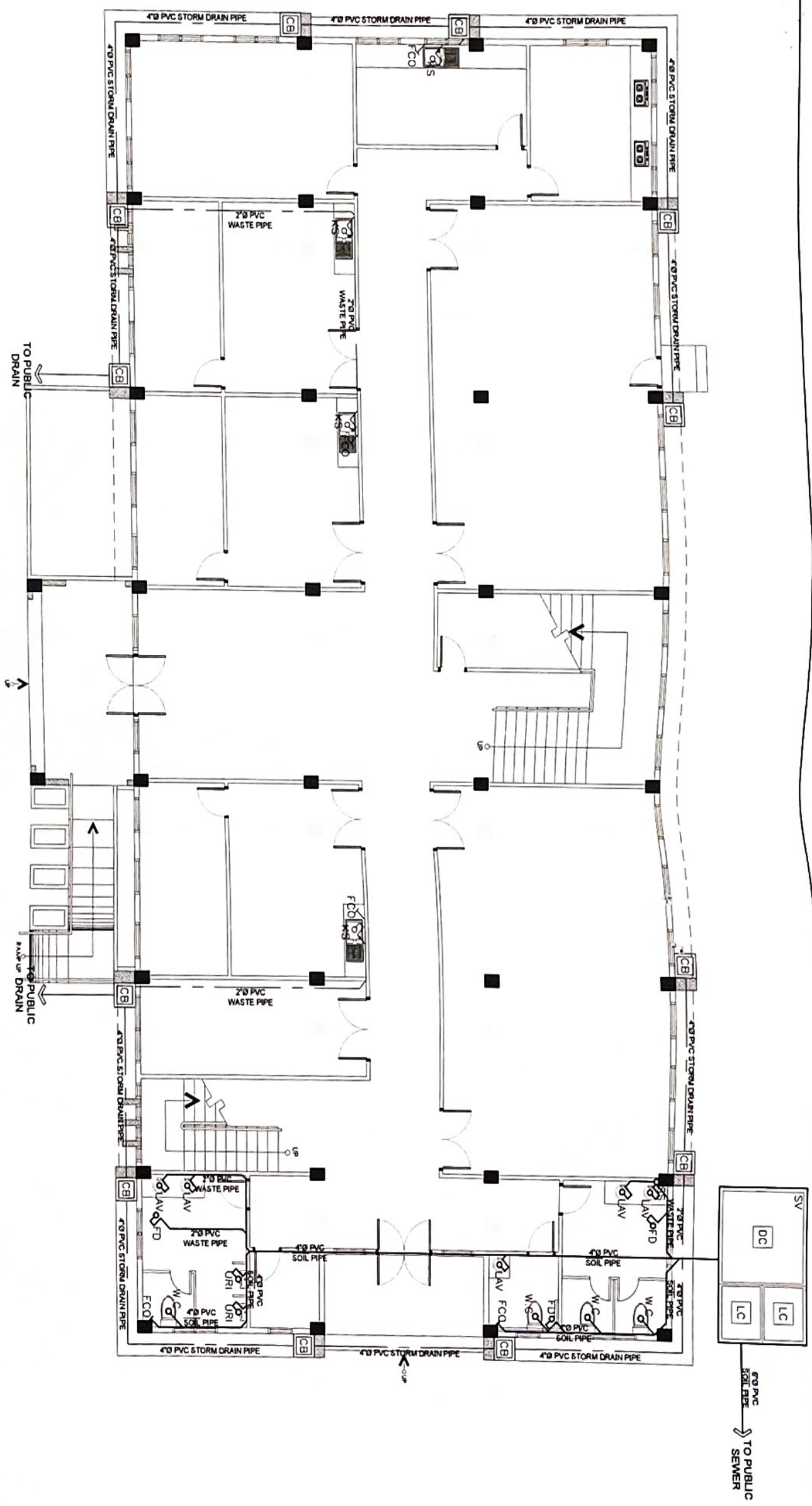
SUBMITTED BY:
 ENGR. RICARDO ALBARO

RECOMMENDING APPROVAL:
 LUZ R. MARCELINO

APPROVED BY:
 RODEL P. JORNALTA, MABE

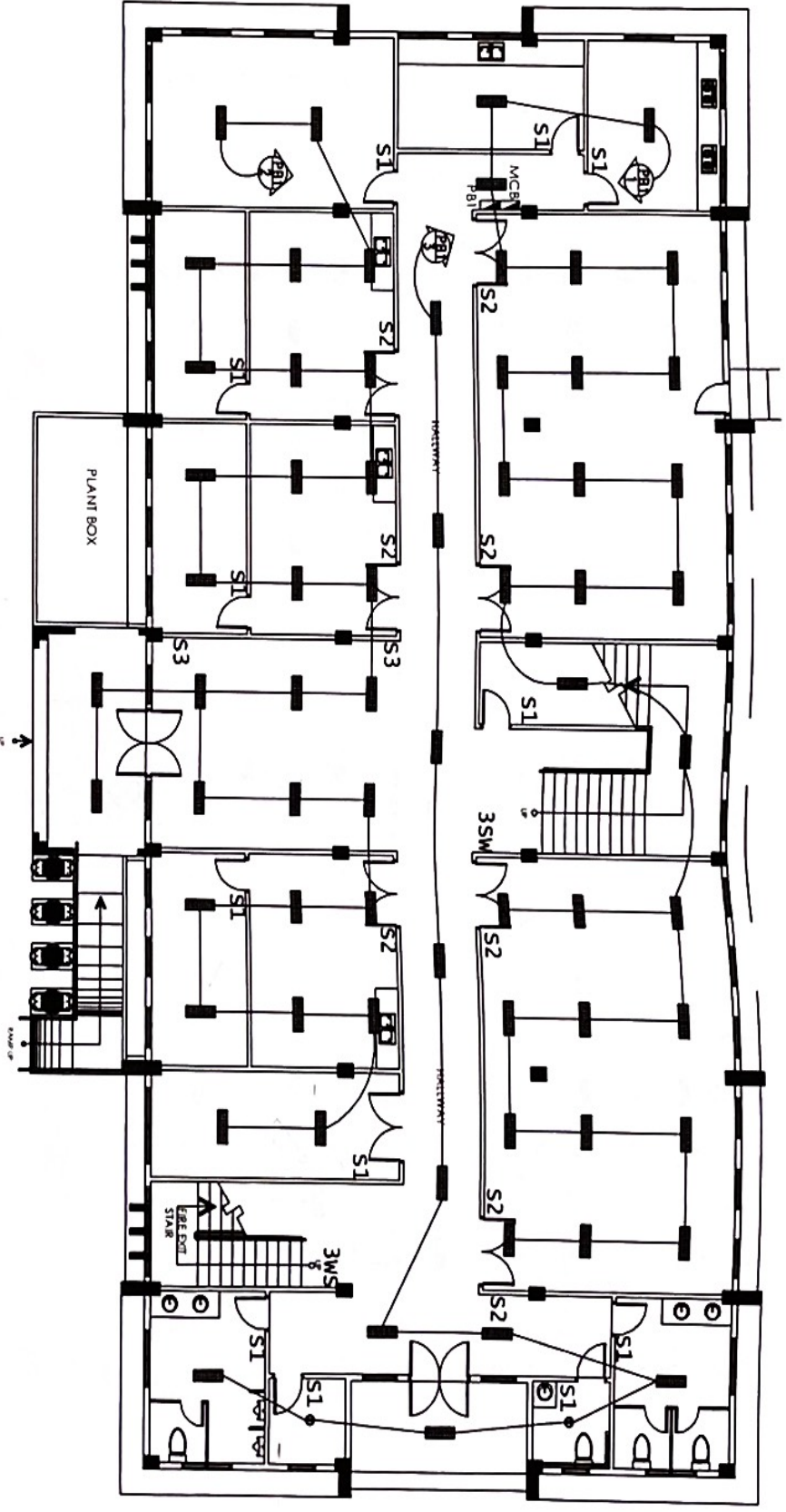
SHT. CONTENT:
 AS SHOWN ABOVE
 SHEET NO. P-3

1 G/F DRAINAGE & SEWER LINE LAYOUT PLAN
 SCALE 1:100m





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR

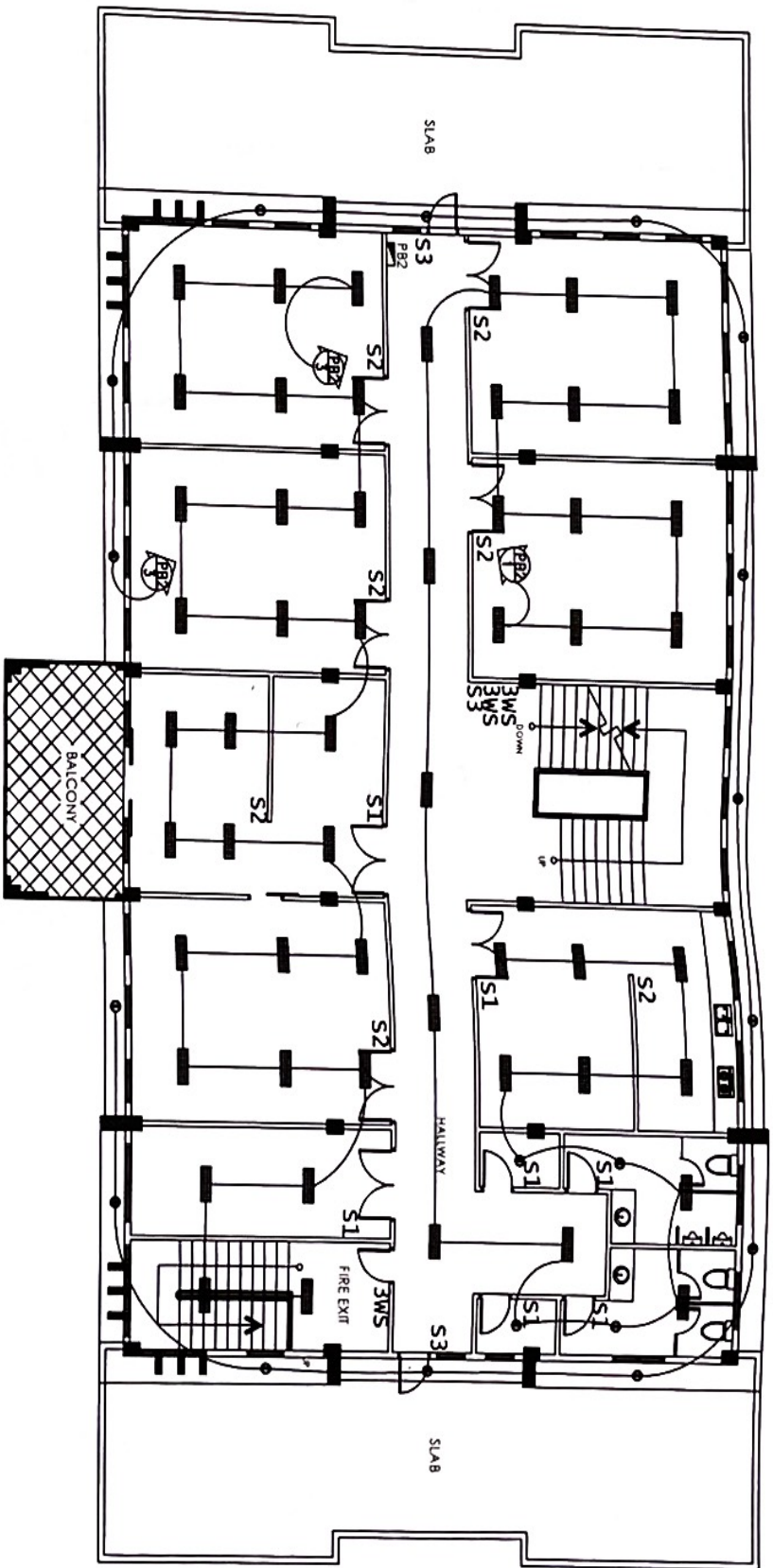


FIRST FLOOR LIGHTING LAYOUT

PROJECT TITLE: PROPOSED REPAIR/ IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	PREPARED BY: PAUL JOHN P. BAAL C.E.T. - M.P.T.	CHECKED BY: ONOFRE RUIZ JR. C.E.T. - REGISTERED ELECTRICAL ENGINEER	SUBMITTED BY: ENGR. NIDA T. ALBANO REGISTERED ELECTRICAL ENGINEER	RECOMMENDING APPROVAL: IDRIS R. MARCELINO REGISTERED ELECTRICAL ENGINEER	APPROVED BY: RODEL P. TERANINA, MABE REGIONAL ELECTRICAL ENGINEER	SHEET CONTENT: AS SHOWN ABOVE SHEET NO. E1
LOCATION: DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR						



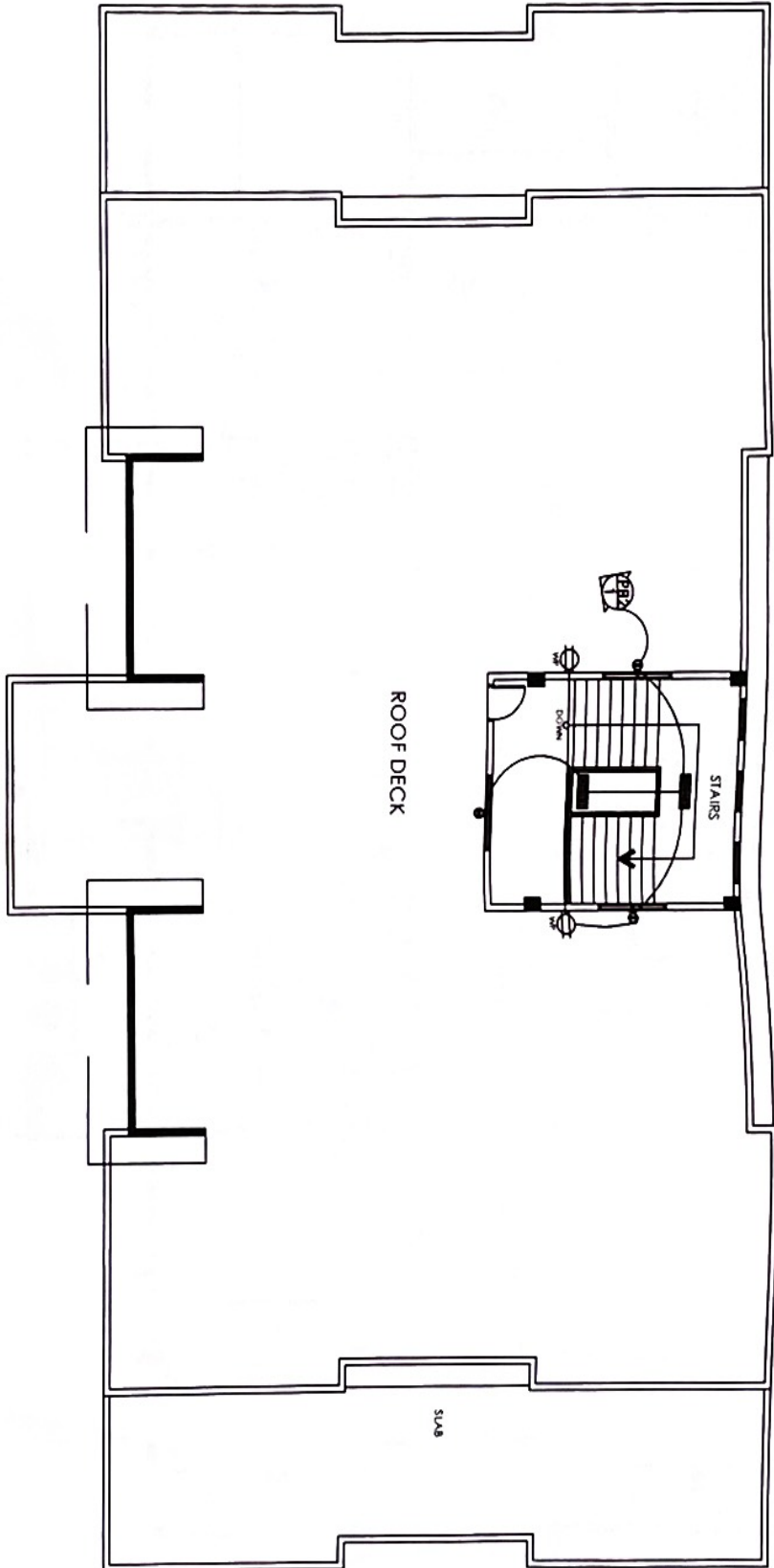
REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAMARINES SUR



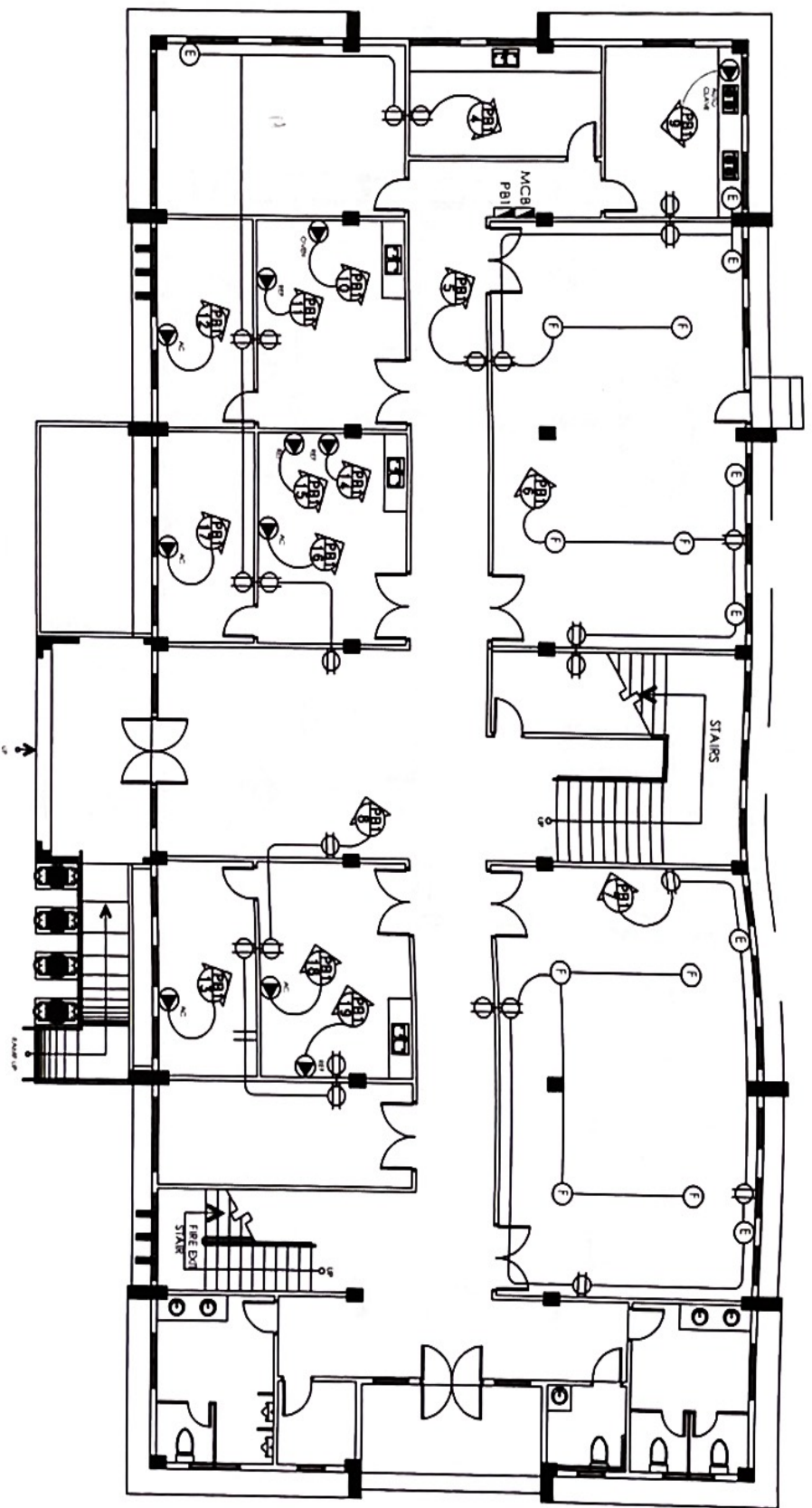
SECOND FLOOR LIGHTING LAYOUT

PROJECT TITLE PROPOSED REPAIR/ IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	DESIGNED BY: PAUL JOHN P. BAAL LDO - 4847	CHECKED BY: ONORRE A. RUIZ JR. CIVIL ENGINEER IN CHARGE	SUBMITTED BY: ENGR. NITDA T. ALBARO CHIEF-FAED	RECOMMENDING AGENCY: LIZ R. MARCELINO RFO FOR OPERATION AND EXTENSION	APPROVED BY: ROSEL FORNILLA, MABE REGIONAL DIRECTOR	SHEET CONTENT: AS SHOWN ABOVE SHEET NO. E2
--	---	---	--	---	---	---


PROJECT TITLE	PROPOSED REPAIR/ IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	PREPARED BY	PAUL JOHN P-BAL C.O. - E-07	CHECKED BY	ONOFRE A. RUIZ JR. CIVIL ENGINEER IN CHARGE ERRY A. EBONA PROJ. ENGR. IN CHARGE	SUBMITTED BY	ENGR. NIDDA T. ALBARO CHECKED	RECOMMENDED APPROVAL	LIZ R. MARCELINO ENR FOR OPERATION AND ESTIMATION	APPROVED BY	RODEL P. ORRINDA, MABE REGIONAL AGRICULTURE SECTION	SHEET CONTENTS	AS SHOWN ABOVE SHEET NO.
LOCATION	DA RFO 5 COMPOUND, SAN AGUSTIN, PILI, CAMARINES SUR											E3	



ROOF DECK ELECTRICAL LAYOUT



FIRST FLOOR POWER LAYOUT

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>		<p>PROJECT TITLE: PROPOSED REPAIR/ IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING</p>		<p>PREPARED BY: <i>[Signature]</i> PAUL JOHN P. BAL DIA - JR.</p>		<p>CHECKED BY: <i>[Signature]</i> ONORE M. MENDOZA JR. CIVIL ENGINEER IN CHARGE</p>		<p>SUBMITTED BY: <i>[Signature]</i> ENGR. NEREE A. ALBANO CIVIL ENGINEER</p>		<p>RECOMMENDED APPROVAL: <i>[Signature]</i> LUZ R. MARCELINO OFFICIAL REVIEWER FOR OPERATION AND EXTENSION</p>		<p>APPROVED BY: <i>[Signature]</i> RODEL P. CORNIA REGIONAL ELECTRICAL ENGINEER</p>		<p>SHEET CONTENT: AS SHOWN ABOVE SHEET NO. E4</p>	
--	--	--	--	---	--	---	--	--	--	--	--	---	--	---	--



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD OFFICE NO. 5
 SAN AGUSTIN, PULI, CAVARINES SUR

PROJECT TITLE:
 PROPOSED REPAIR/
 IMPROVEMENT OF REGIONAL
 CROP PRODUCTION CENTER
 BUILDING
 LOCATION: DA RFO 5 COMPOUND, SAN
 AGUSTIN, PULI, CAVARINES SUR

PREPARED BY:

 PAUL JOHN P. BAAL
 CHG. ARCHT

CHECKED BY:

 ONOFRE M. LUZ JR.
 CHG. ARCHT

 FERRINA EBONA
 PROJ. SECTION LEAD

SUBMITTED BY:

 ENGR. NIERAL T. ALBARO
 CHG. ARCHT

RECOMMENDING APPROVAL:

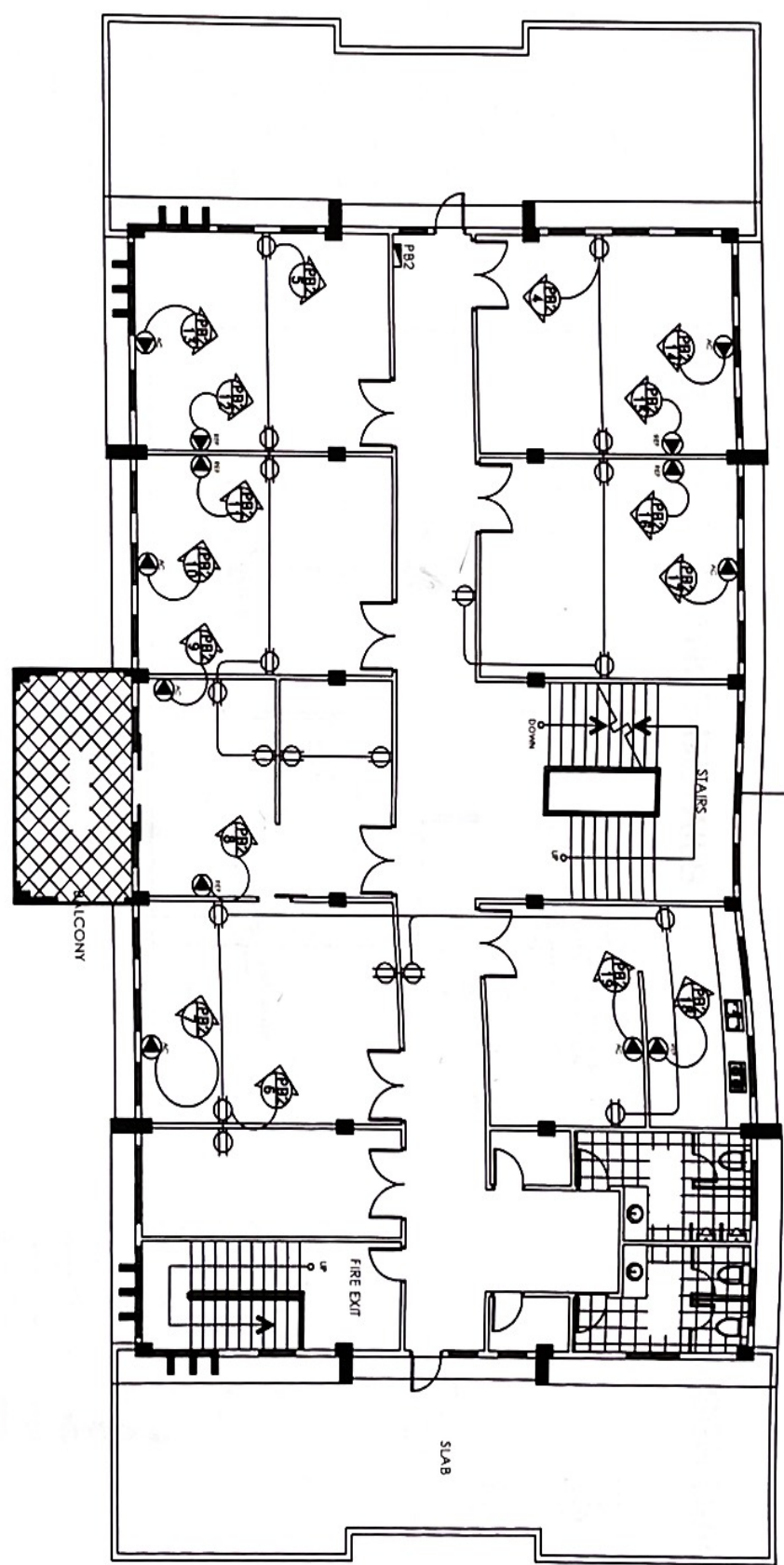
 LUZ R. MARCELINO
 RFO FOR OPERATION AND EXTENSION

APPROVED BY:

 RODEL P. CORNILLA, MABE
 REGIONAL FIELD OFFICE DIRECTOR

SHEET CONTENT:
 AS SHOWN
 ABOVE
 SHEET NO.
E5

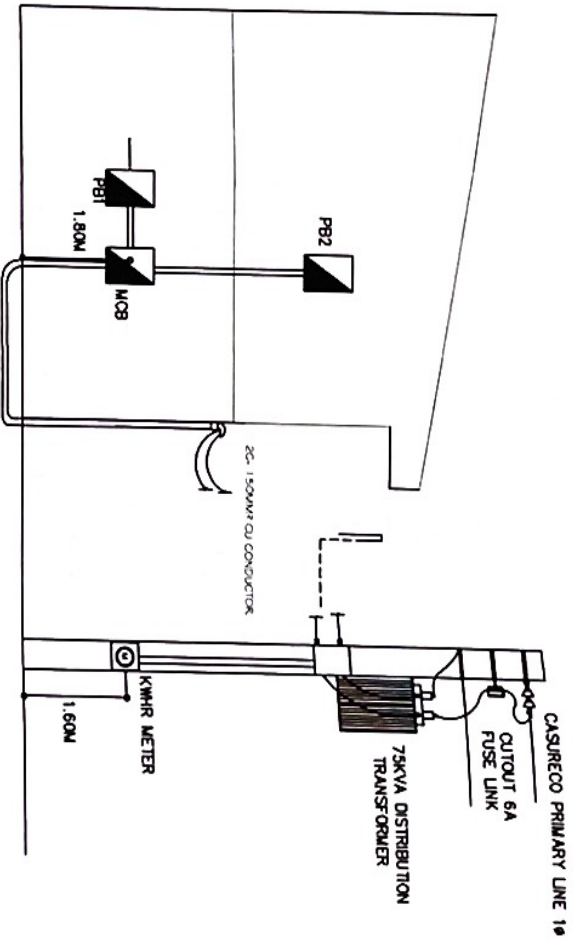
SECOND FLOOR POWER LAYOUT



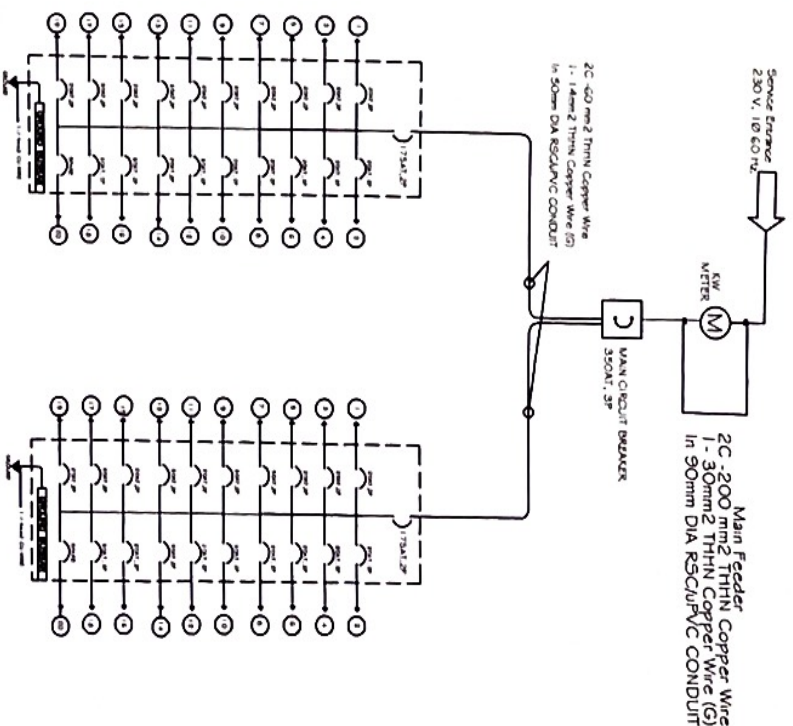
LEGENDS

	FLUORESCENT LAMP WITH ALUMINUM FRAME 2 x 40 W, 220 V, 60HZ
S1	SINGLE GANG SINGLE WAY SWITCH
S2	TWO GANG SINGLE WAY SWITCH
S3	THREE GANG SINGLE WAY SWITCH
3WS	THREE WAY SWITCH
	LED LIGHT BULB WITH FIXTURES
	CIRCUIT HOMERUN
	MAIN CIRCUIT BREAKER
	MAIN DISTRIBUTION PANELBOARD
	CIRCUIT BREAKER
	EXHAUST FAN
	KILOWATT METER
	GROUND
	DUPLEX CONVENIENCE OUTLET 220 V
	SERVICE ENTRANCE
	CEILING FAN
	SPECIAL OUTLET
	AIR-CONDITIONING OUTLET

SERVICE ENTRANCE DETAILS



RISER DIAGRAM



<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 5 SAN AGUSTIN, PULI, CAMARINES SUR</p>	PROJECT TITLE:	PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING	APPROVED BY:	PAUL JOHN P. BAL	CHECKED BY:	ONOBRE M. RUIZ JR. CIVIL ENGINEER IN CHARGE	SUBMITTED BY:	ENGR. WILDA T. ALBANO	RECOMMENDING APPROVAL:	LIZ R. MARCELIANO	APPROVED BY:	RODEL P. SORIANO, MABE REGIONAL ELECTRICAL ENGINEER	SHEET CONTENT:	AS SHOWN ABOVE
	LOCATION:	DA RFO 5 COMPOUND, SAN AGUSTIN, PULI, CAMARINES SUR	DATE:		DESIGNED BY:	JERRY A. EBONIA ELECTRICAL ENGINEER	CHECKED BY:		REVISIONS:		APPROVED BY:		SHEET NO.:	E6

SCHEDULE OF LOADS

CCT. NO.	DESCRIPTION	NUMBER OF			VOLTS	VA	AMP	WIRE SIZE	CONDUIT	CIRCUIT BREAKER
		S1	S2	S3						
1	LIGHTING OUTLET	28	5	4	230	1500	6.52	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
2	LIGHTING OUTLET	30	5	4	230	1800	6.09	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
3	LIGHTING OUTLET	12	4	1	230	600	2.61	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
4	CONVENIENCE OUTLET	8			230	1440	6.26	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
5	CONVENIENCE OUTLET	8			230	1440	6.26	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
6	CONVENIENCE OUTLET	8			230	1440	6.26	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
7	CONVENIENCE OUTLET	11			230	1800	8.61	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
8	CONVENIENCE OUTLET	5			230	900	3.91	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
9	AIRFO CLAVE	1			230	5000	21.74	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
10	OVEN	1			230	2000	8.70	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
11	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
12	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
13	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
14	OVEN	1			230	2200	9.57	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
15	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
16	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
17	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
18	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
19	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
20	FACP	1			230	1500	6.52	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
	TOTAL	10	0	0	0	34050	148.04			

CCT. NO.	DESCRIPTION	NUMBER OF			VOLTS	VA	AMP	WIRE SIZE	CONDUIT	CIRCUIT BREAKER
		S1	S2	S3						
1	LIGHTING OUTLET	30	5	4	230	1500	6.52	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
2	LIGHTING OUTLET	28	2	4	230	1800	6.09	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
3	LIGHTING OUTLET	15		2	230	750	3.28	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
4	CONVENIENCE OUTLET	5			230	900	3.91	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
5	CONVENIENCE OUTLET	8			230	1440	6.26	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
6	CONVENIENCE OUTLET	7			230	1260	5.48	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
7	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
8	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
9	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
10	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
11	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
12	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
13	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
14	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
15	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
16	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
17	2HP SPURT TYPE AC	1			230	2760	12.00	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
18	REFRIGERATOR	1			230	1320	5.72	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
19	1HP SPURT TYPE AC	1			230	1840	8.02	3C-3.5mm ² THHN CU WIRE	20mm ^Ø UPVC PIPE	30A1, 2P
	TOTAL	9	0	0	0	32850	142.83			

DESIGN COMPUTATION

COMPUTATION OF LOAD

FOR SUB FEEDER CONDUCTOR
 USE 2C - 60 MM² THHN CU WIRE
 USE 2C - 14 MM² THHN CU WIRE (G)
 IN 50MM DIA UPVC/RSC CONDUIT

FOR SUB FEEDER PROTECTION
 USE 175AT, 240V MCCB BOLT ON TYPE

COMPUTATION OF LOAD

FOR SUB FEEDER CONDUCTOR
 USE 2C - 60 MM² THHN CU WIRE
 USE 2C - 14 MM² THHN CU WIRE (G)
 IN 50MM DIA UPVC/RSC CONDUIT

FOR SUB FEEDER PROTECTION
 USE 175AT, 240V MCCB BOLT ON TYPE

NOTES:

- 1) LIGHTING HEIGHT OF LIGHTING FITTURES SHALL BE AS PER STANDARD.
- 2) ALL LIGHTING CIRCUIT SHALL BE FULLY ENCLOSED IN WORKING PIPES FOR EXPOSED AND PVC PIPE FOR EMBEDDED MINIMUM DIAMETER 1.5mm.
- 3) ALL METALLIC PARTS LINKED TO ELECTRICAL SERVICES SHALL BE BONDED TO EARTH. MINIMUM SIZE OF EARTH CONDUCTOR SHALL BE 2.0 mm² CU WIRE, 6/11 KV 65%.
- 4) MINIMUM SIZE OF LIGHTING CIRCUIT CONDUCTOR SHALL BE 2.0 mm² THHN STRANDED WIRE.
- 5) ALL GENERAL PURPOSE CONVENIENCE OUTLETS SHALL BE MOUNTED AT 300 mm FROM FINISH FLOOR LEVEL TO CENTER OF DEVICE.
- 6) ALL POWER CIRCUIT SHALL BE FULLY ENCLOSED IN PVC/PVC RIGID FOR EXPOSED AND PVC PIPE FOR EMBEDDED MINIMUM DIAMETER 1.5mm.
- 7) MINIMUM SIZE OF CONDUCTOR FOR POWER CIRCUIT SHALL BE SINGLE 3.5 mm² THHN STRANDED WIRE 0.611 KV 65%.
- 8) ALL METALLIC PARTS LINKED TO ELECTRICAL SERVICES SHALL BE BONDED TO EARTH. MINIMUM SIZE OF EARTH CONDUCTOR SHALL BE 2.0 mm² THHN WIRE, 6/11 KV 65%.
- 9) LOCATION OF PANEL BOARD COULD BE CHANGED AS PER SITE CONDITION.

SPECIFICATIONS:

THE ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRIC CODE APPLICABLE TO THE LOCAL GOVERNMENT AND THE LOCAL POWER COMPANY.

ALL WIRING SHALL BE INSTALLED IN STANDARD PVC ELECTRICAL CONDUITS, SCHEDULE 40, SUN EMBEDDED INSIDE THE CONCRETE AND FOLLOW BLOCK STRUCTURES SLABS, COLUMNS, WALLS, PARTITIONS AND/OR SUN CONCEALED BETWEEN DOUBLE WALL WOODEN PARTITIONS AND INSIDE THE CEILING SPACES.

UNLESS OTHERWISE INDICATED ON THE PLAN, THE MINIMUM SIZE OF WIRE AND CONDUITS SHALL BE NEW AND UNLINED OF THE APPROVED TYPE FOR THE PURPOSE AND LOCATION.

WHEREVER REQUIRED AND NECESSARY ALL BOXES AND JUNCTION BOXES FOR ELECTRICAL SERVICES SHALL BE INSTALLED AT CONVENIENT AND INCONSPICUOUS LOCATIONS. ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLAN, NOT MENTIONED IN THE SPECIFICATIONS.

THE ELECTRICAL WORKS SHALL BE DONE UNDER THE AND IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.

PROJECT TITLE:
 PROPOSED REPAIR/IMPROVEMENT OF REGIONAL CROP PRODUCTION CENTER BUILDING

LOCATION: DA RFO 5 COMPOUND, SAN AGUSTIN, PILI, CAMARINES SUR

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CHECKED BY:
 ONORHE RUIZ JR.
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