



PERSPECTIVES

SCALE NTS

THIS SITE



SITE DEVELOPMENT PLAN

SCALE NTS



LOCATION MAP

SCALE NTS

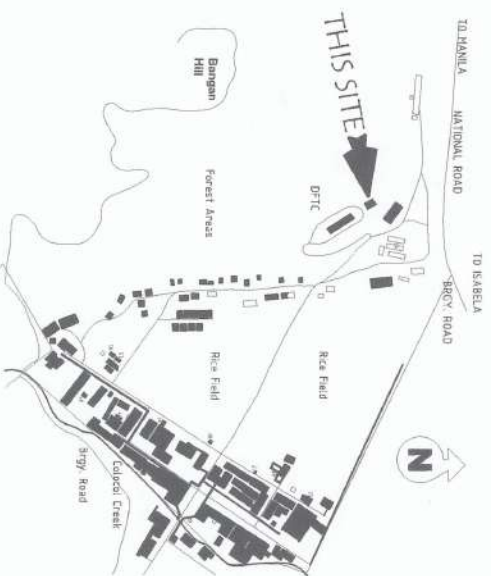


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CIVIL / STRUCTURAL	
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ELECTRONICS	
GEODETIC ENGINEER	

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



JUSTICE LOUIE A. LABAO
DIRECTOR

ANDRES A. SABUNGAN JR.
DEPUTY DIRECTOR

JYRUS VYCES D. CADIENTE
DEPUTY DIRECTOR

ARVIN A. MANESTROS
DEPUTY DIRECTOR

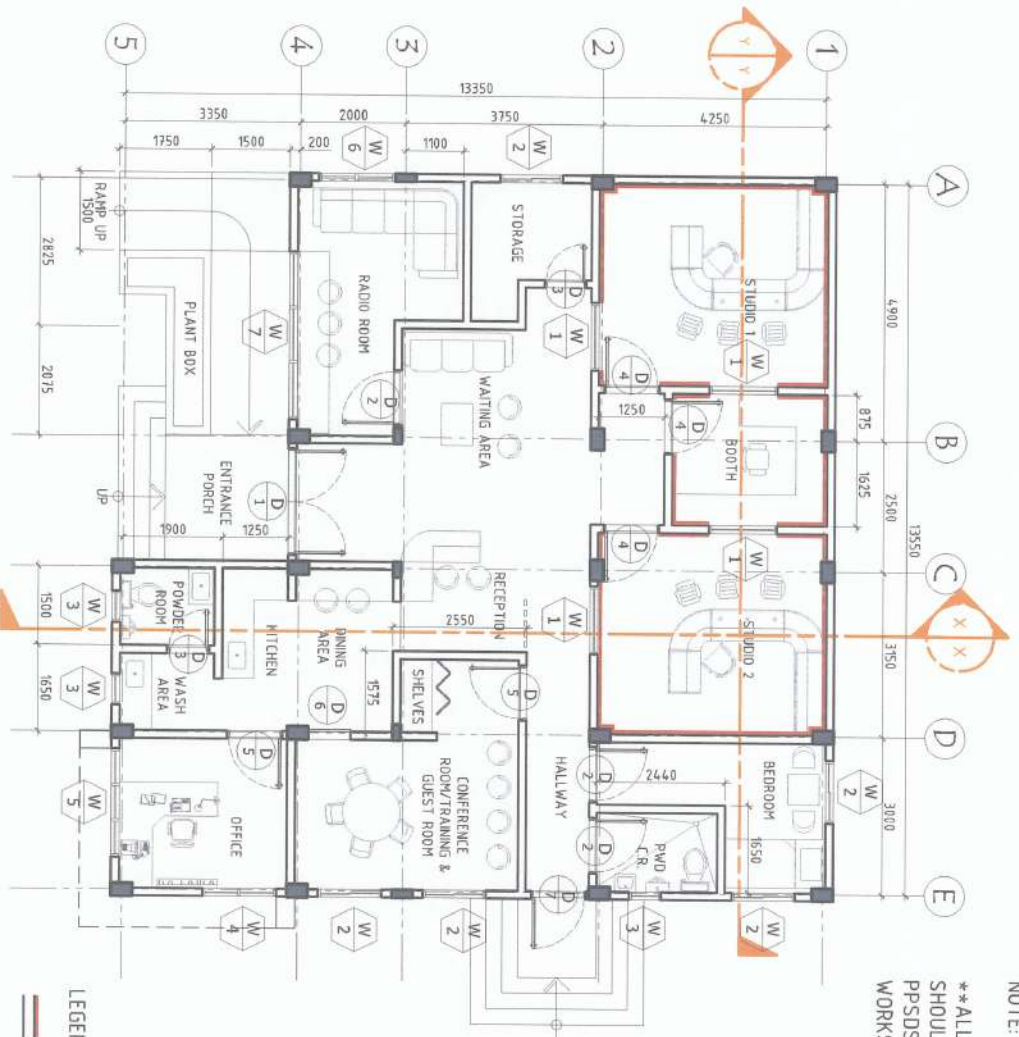
FARDO F. VADIL
VICE PRESIDENT

WILFREDO A. DUMALE JR.
VICE PRESIDENT

A-1
9

NOTE:

**ALL UNCLEAR DETAILINGS
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PPSDS BEFORE EXECUTION OF
WORKS



FLOOR PLAN
SCALE 1:100

LEGEND:
— WITH SOUNDPROOFING PANELS
— ON WALLS AND CEILING

PROJECT AND LOCATION:



PREPARED BY:

JUSTINE LOUIE A. LABAO
ARCHITECT

CHECKED & SUBMITTED BY:

ANDRES J. S. BUNGUAN JR.
ARCHITECT

CONCURRED BY:

ARVIN P. WALLASEROS
CLERK OF WORKS

RECOMMENDING APPROVAL:

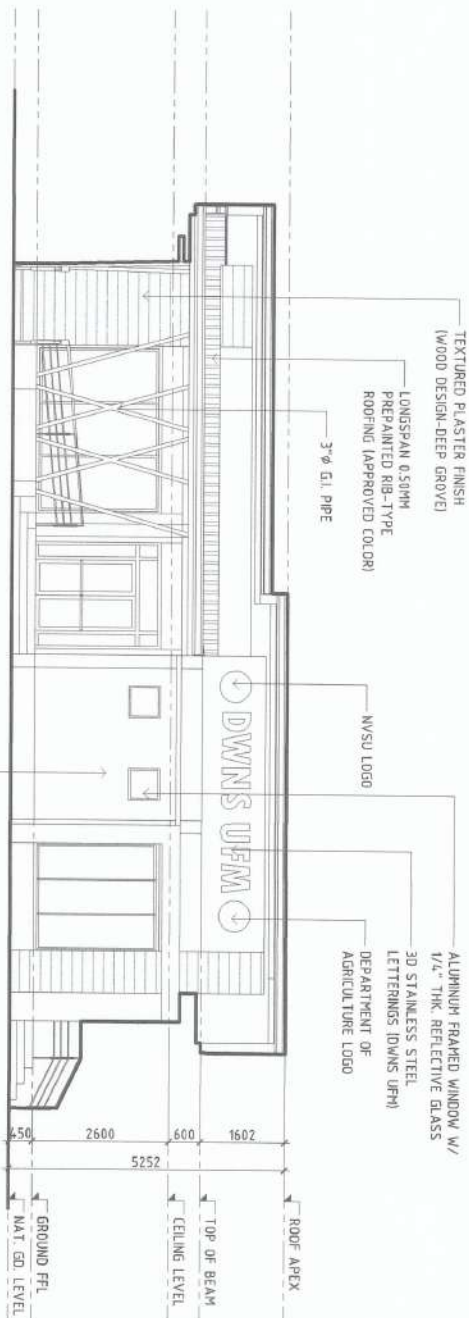
CARLOS F. VADIL
VICE CHIEF OF STATION

APPROVED BY:

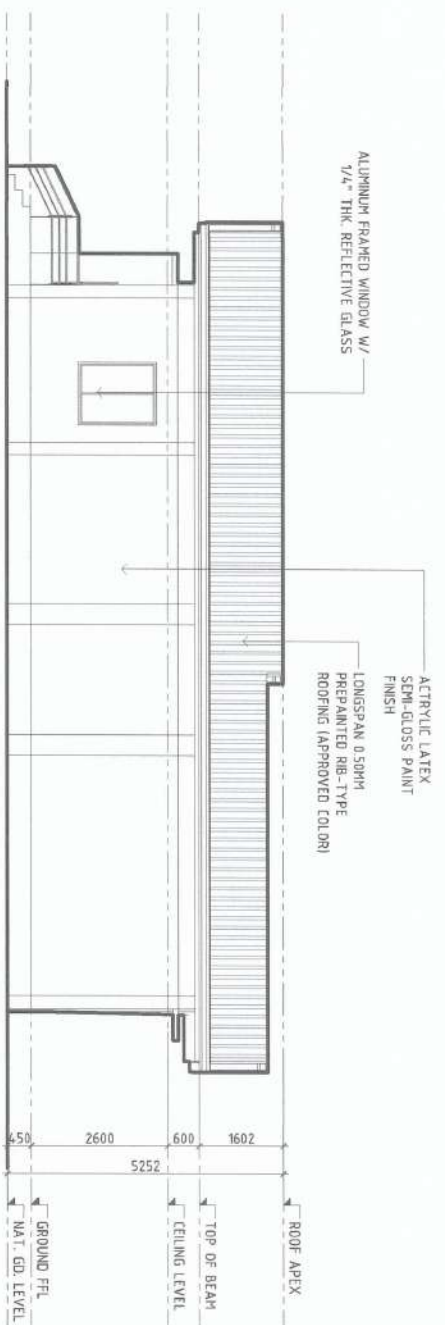
WILFREDO A. DUMALE JR.
DIRECTOR

SHEET NO:

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9

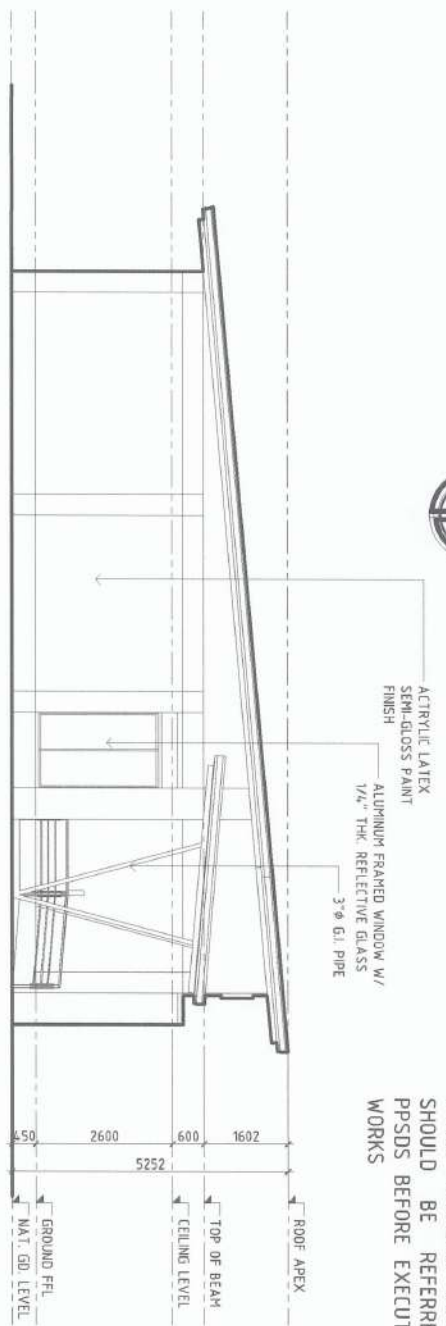


 ESTABLISHMENT OF UNIVERSITY RADIO STATION <small>NVSU CAMPUS, LAMPUNG, SEVA VESTRA</small>	PROJECT AND LOCATION	PREPARED BY:  JUSTINE LOUIE A. LABAO <small>ARCHITECT IIB</small>	CHECKED & SUBMITTED BY:  ANDRES M. SAUNGAM JR. <small>PROFESSOR IIB</small>	CONCURRED BY:  JYRUS M. S. D. CADIENTE <small>PROF. IIB</small>	RECOMMENDING APPROVAL:  ARVIN P. MALLAS <small>LEAD ARCHITECT</small>	APPROVED BY:  CANIO F. VADIL <small>VICE CHIEF OF CAMPUS, CITY AND INCHONAN SYSTEM</small>	APPROVED BY:  WILFREDO A. DUMALE JR. <small>UNIVERSITY INTERIOR</small>	SHEET NO:
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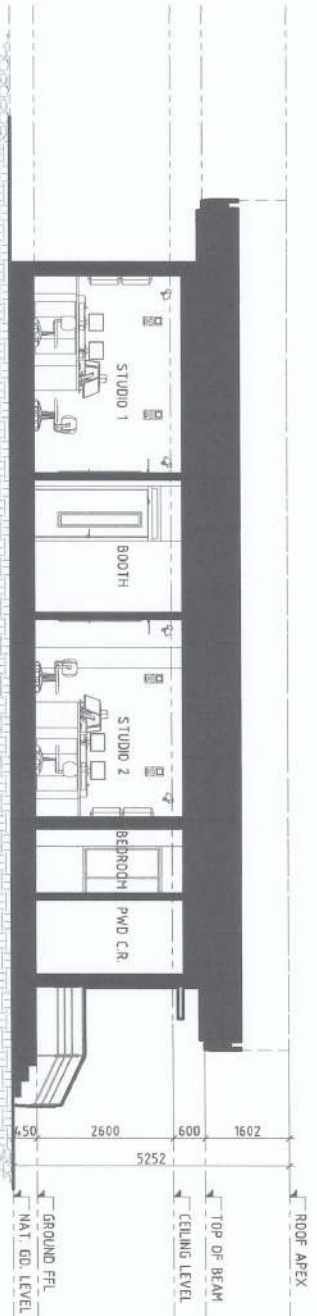


REAR ELEVATION
SCALE TWO

NOTE:
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LEFT SIDE ELEVATION
SCALE TWO



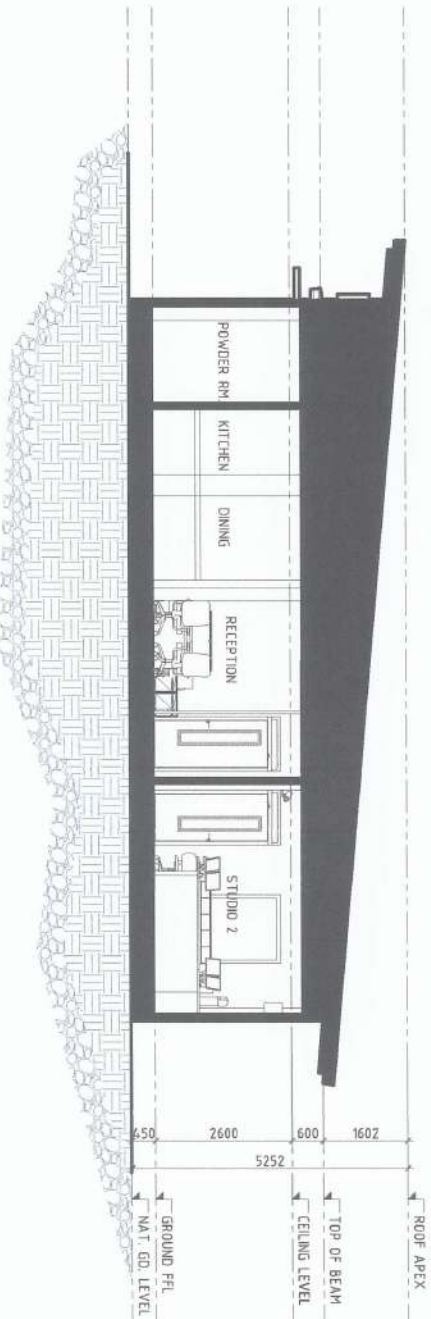
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LONGITUDINAL SECTION Y-Y'

SCALE 1:50



TRANSVERSE SECTION X-X'

SCALE 1:50

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



JUSTINE LOUIE A. LABAO
ARCHITECT III

ANDRES M. SAUNGAN JR.
REGISTERED ARCHITECT

JYRUS JES D. GADIENTE
REGISTERED ARCHITECT

ARVIN P. VILLASOR
REGISTERED ARCHITECT

CARLO F. VASQUEZ
REGISTERED ARCHITECT

WILFREDO A. DUMALE JR.
REGISTERED ARCHITECT

A-5
9

SCHEDULE OF DOORS

ELEVATION	SPECIFICATIONS
	<p>DOOR 1</p> <p>DOOR TYPE: ALUMINUM FRAMED POWDER COATED GLASS DOOR WITH TRANSOM AND 1/4" THK. REFLECTIVE GLASS DOOR SIZE (w x h): 1800mm X 2100mm REQUIRED NO. OF DOORS: 1 SET LOCATION: ENTRANCE PORCH</p>
	<p>DOOR 2</p> <p>DOOR TYPE: PREFABRICATED STEEL DOOR PANEL SWING DOOR WITH TRANSOM DOOR SIZE (w x h): 850mm X 2100mm REQUIRED NO. OF DOORS: 3 SETS LOCATION: RADIO ROOM, BEDROOM, PWD C.R.</p>
	<p>DOOR 3</p> <p>DOOR TYPE: PREFABRICATED STEEL DOOR PANEL SWING DOOR WITH TRANSOM DOOR SIZE (w x h): 760mm X 2100mm REQUIRED NO. OF DOORS: 2 SETS LOCATION: POWDER ROOM, STORAGE</p>
	<p>DOOR 4</p> <p>DOOR TYPE: SOUNDPROOF DOOR WITH ACOUSTICAL CORE, TRANSOM AND FIXED DOUBLE GLAZED GLASS DOOR SIZE (w x h): 950mm X 2100mm REQUIRED NO. OF DOORS: 3 SETS LOCATION: STUDIOS, BOOTH</p>
	<p>DOOR 5</p> <p>DOOR TYPE: PREFABRICATED STEEL DOOR PANEL SWING DOOR WITH TRANSOM AND VISION PANEL DOOR SIZE (w x h): 950mm X 2100mm REQUIRED NO. OF DOORS: 2 SETS LOCATION: OFFICE, CONFERENCE ROOM</p>
	<p>DOOR 6</p> <p>DOOR TYPE: PREFABRICATED ALUMINUM FRAMED SLIDING DOOR WITH TRANSOM DOOR SIZE (w x h): 800mm X 2100mm REQUIRED NO. OF DOORS: 1 SET LOCATION: CONFERENCE ROOM/TRAINING & GUEST ROOM</p>

SCHEDULE OF DOORS

SCHEDULE OF WINDOWS

ELEVATION	SPECIFICATIONS	ELEVATION	SPECIFICATIONS
	<p>DOOR 7</p> <p>DOOR TYPE: FIRE RATED STEEL DOOR DOOR SIZE (w x h): 950mm X 2100mm REQUIRED NO. OF DOORS: 1 SET LOCATION: FIRE EXIT</p>		<p>WINDOW 1</p> <p>WINDOW TYPE: ACOUSTIC STUDIO WINDOW WITH COMPLETE ACCESSORIES AND SEALANTS REQUIRED NO. OF WINDOW: 5 SETS WINDOW SIZE (w x h): AS SHOWN</p>
	<p>WINDOW 2</p> <p>WINDOW TYPE: ALUMINUM FRAMED CASEMENT WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 5 SETS WINDOW SIZE (w x h): AS SHOWN</p>		<p>WINDOW 3</p> <p>WINDOW TYPE: ALUMINUM FRAMED AWNING WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 3 SETS WINDOW SIZE (w x h): AS SHOWN</p>
	<p>WINDOW 4</p> <p>WINDOW TYPE: ALUMINUM FRAMED AWNING & FIXED WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 1 SET WINDOW SIZE (w x h): AS SHOWN</p>		

NOTE: **ALL UNCLEAR DETAILINGS SHOULD BE REFERRED TO PSDS BEFORE EXECUTION OF WORKS

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

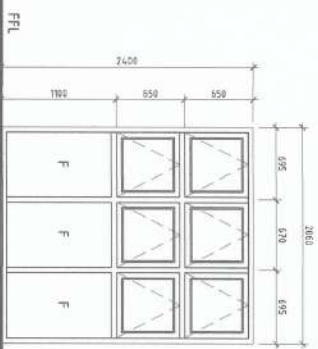
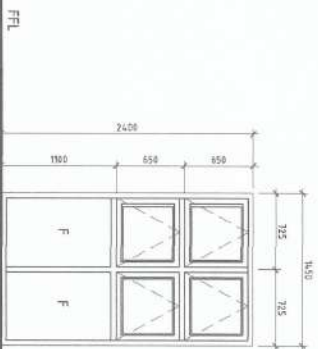
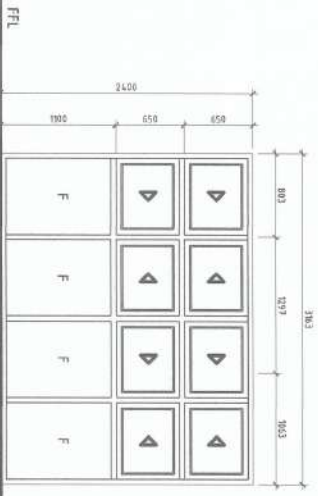
CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:

SCHEDULE OF WINDOWS

ELEVATION		
		
<p>SPECIFICATIONS</p> <p>WINDOW 5 WINDOW TYPE: ALUMINUM FRAMED AWNING & FIXED WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 1 SET WINDOW SIZE (W x H): AS SHOWN</p>	<p>WINDOW 6 WINDOW TYPE: ALUMINUM FRAMED AWNING & FIXED WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 1 SET WINDOW SIZE (W x H): AS SHOWN</p>	<p>WINDOW 7 WINDOW TYPE: ALUMINUM FRAMED SLIDING & FIXED WINDOW WITH 1/4" THK. REFLECTIVE GLASS REQUIRED NO. OF WINDOW: 1 SET WINDOW SIZE (W x H): AS SHOWN</p>

ARCHITECTURAL GENERAL NOTES

- NOTE:
1. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
 2. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ARE IN MILLIMETERS.
 3. ALL DRAWINGS SHALL NOTE BE SCALED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION FOR PROPER COORDINATION.
 5. ANY INCONSISTENCY OR DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE COMMENCEMENT OF WORKS.
 6. THE CONTRACTOR SHALL COORDINATE WITH THE AR, ME, SE, EE AND OTHER UTILITIES AND EQUIPMENT PLANS FOR THE EXACT SIZE, NUMBER AND LOCATIONS OF ALL SLEEVES OR OPENINGS THRU FLOOR, SLABS, BEAMS AND WALLS AND ALSO BUILDING DIMENSIONS.
 7. ALL REINFORCED CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE ACI-318-89 BUILDING CODE, AND ALL R. STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS (LATEST EDITION) IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENTS.
 8. ALL SLABS, BEAMS, GIRDERS AND OTHER STRUCTURAL ELEMENTS WHICH ARE NOT INDICATED, DETAILLED, 9. DESIGNATED OR INADVERTENTLY OMITTED BUT ARE NECESSARY TO BE COORDINATED WITH THE ARCHITECTURAL AND OTHER ALLED ENGINEERING PLANS AS WELL AS TO COMPLETE THE STRUCTURAL WORKS IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT UP DURING PRE-BIDS / MEETINGS / NEGOTIATIONS. IT IS UNDERSTOOD THAT THE CONTRACTOR HAS PROVIDED AND INCLUDED ALL THESE ITEMS IN THEIR BID.
- **ALL UNCLER DETAILINGS SHOULD BE REFERRED TO PPSDS BEFORE EXECUTION OF WORKS**

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



JUSTINE LOUIE A. LABAO
ARCHITECT (R)

ANDRES M. SIBUNGAN JR.
ARCHITECT (R)

JYRUS BYLES D. CADIENTE
PROJECT COORDINATOR

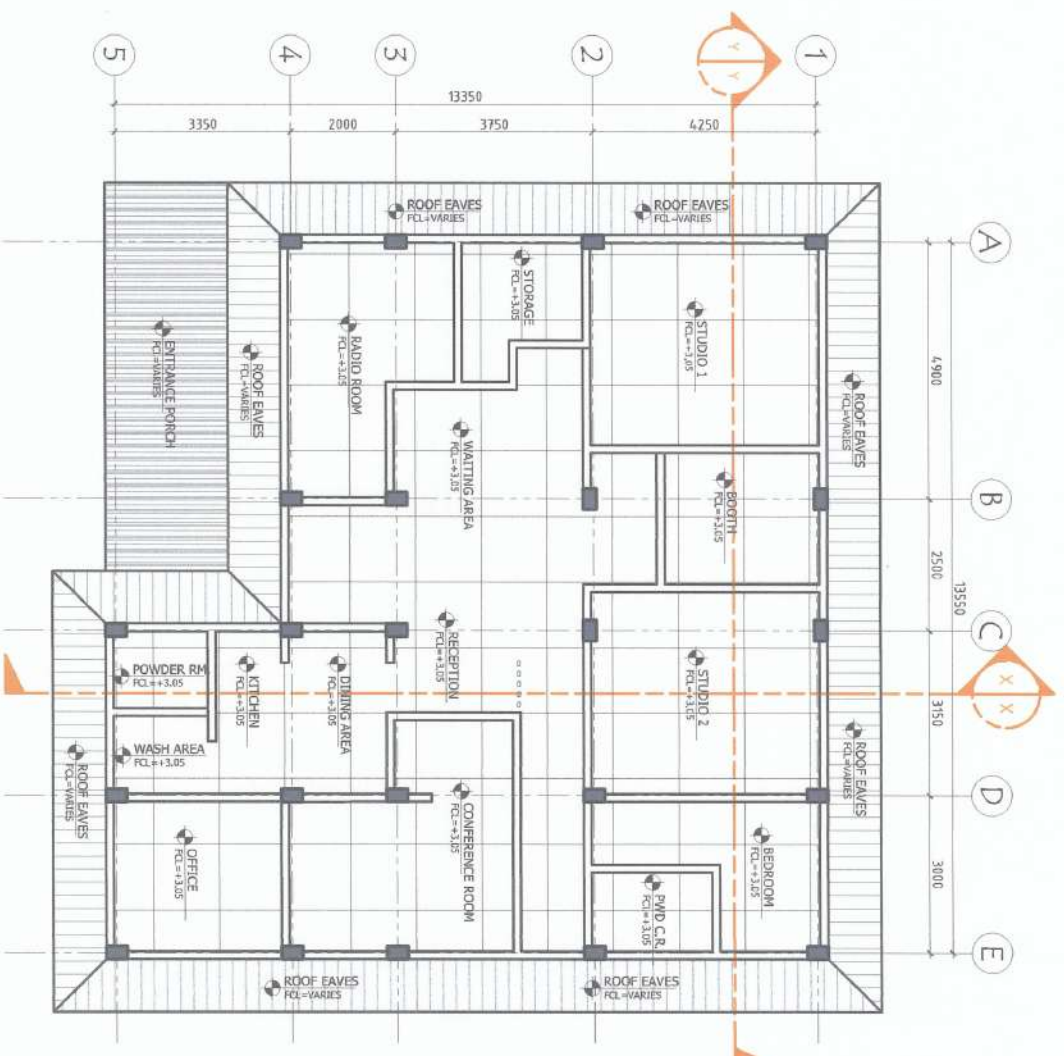
ARVIN P. MALATESTEROS
ENGINEER (R)

CARLO F. VADON
VICE PRESIDENT OF TECHNICAL CITY AND INFORMATION SYSTEMS

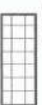


WILFREDO A. DUMALE JR.
QUALITY ASSURANCE

A-7
9

NOTE:
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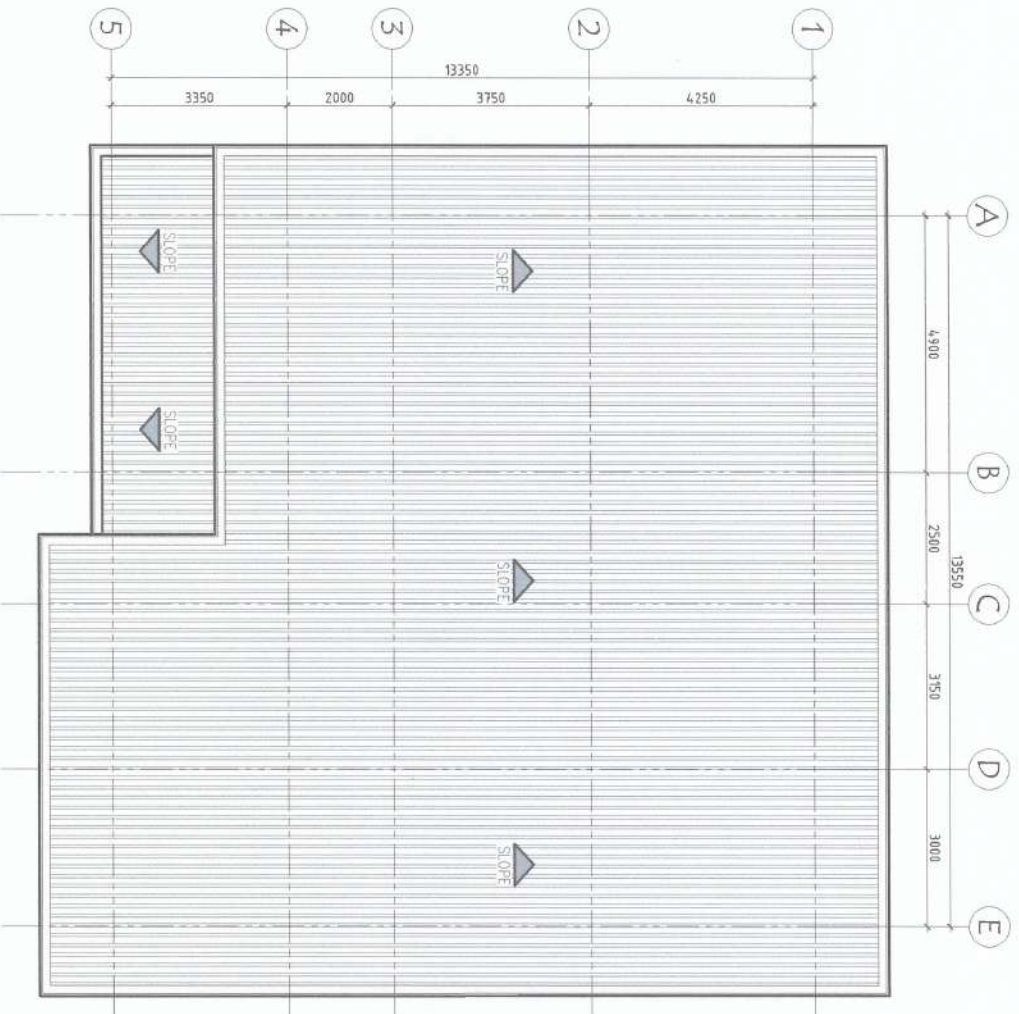
LEGEND:









-  GYPSUM BOARD
-  METAL SPANDEL
-  PVC CEILING PANEL



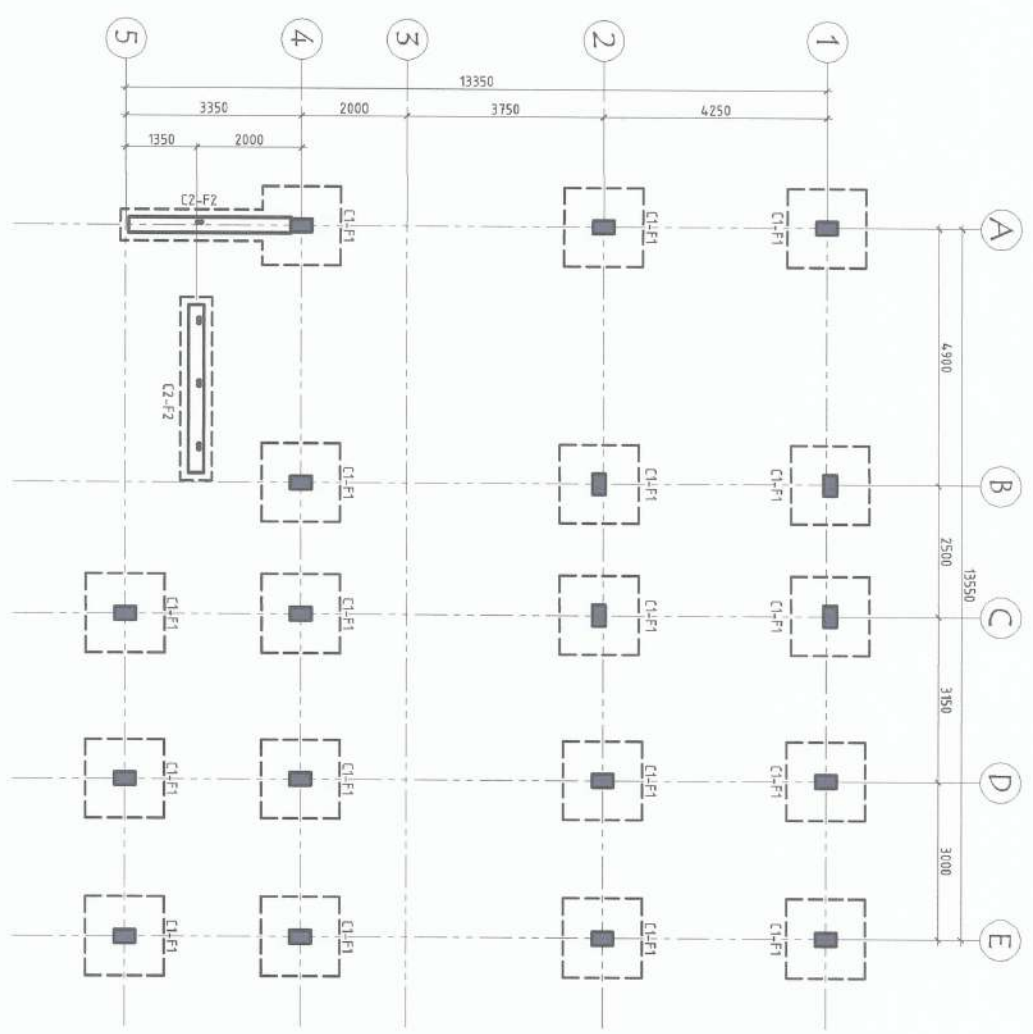
PROJECT AND LOCATION: ESTABLISHMENT OF UNIVERSITY RADIO STATION NVSU	PREPARED BY: JUSTINE LOUIE A. LABAO ARCHITECT (R)	CHECKED & SUBMITTED BY: ANDRES M. TABUNGAN JR. PHOTO INSTRUCTOR	CONCURRED BY: ARVIN S. VALLEHEROS L1-607/2024/04/01	RECOMMENDING APPROVAL: CARLO F. VARGAS VICE PRESIDENT OF THE UNIVERSITY	APPROVED BY: WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT	SHEET NO.: A-8 9
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NOTE:
 **ALL UNCLEAR DETAILINGS
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 PSDS BEFORE EXECUTION OF
 WORKS



PROJECT AND LOCATION:	PREPARED BY:	CHECKED & SUBMITTED BY:	CONCURRED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO:
 ESTABLISHMENT OF UNIVERSITY RADIO STATION <small>NVSU CAMPUS, SAMPALAN, AGTA VECUA</small>	JUSTINE LOUIE A. LABAO  <small>ADMINISTRATIVE OFFICER</small>	 ANDRES M. SAUNGUAN JR. <small>ADMINISTRATIVE OFFICER</small>	 JYRUS YVES D. CADIENTE <small>ADMINISTRATIVE OFFICER</small>	 ARVIN P. VAN ESTEROS <small>ADMINISTRATIVE OFFICER</small>	 CARLO F. YADI <small>VICE-MANAGER OF THE CAMPUS RADIO AND BROADCASTING SYSTEM</small>	 WILFREDO A. DUMALE JR. <small>ADMINISTRATIVE OFFICER</small>
						

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FOUNDATION PLAN
 SCALE 1:100

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ESTABLISHMENT OF
UNIVERSITY RADIO STATION
NYSU
WAL CAMPUS, AYUDPAK, NAYU, YELVA



JUSTINE LOUIE A. LABAO
ARCHITECT, JR.



ANDRES M. SABANGAN JR.
ARCHITECT



JYRUS AYRES D. CADIENTE
PEER, ARCHITECT



ARVIN P. VALLESTIKOS
PEER, ARCHITECT



CARLO F. YODIL
VICE DIRECTOR OF PLANNING, DESIGN AND INFORMATION SYSTEMS

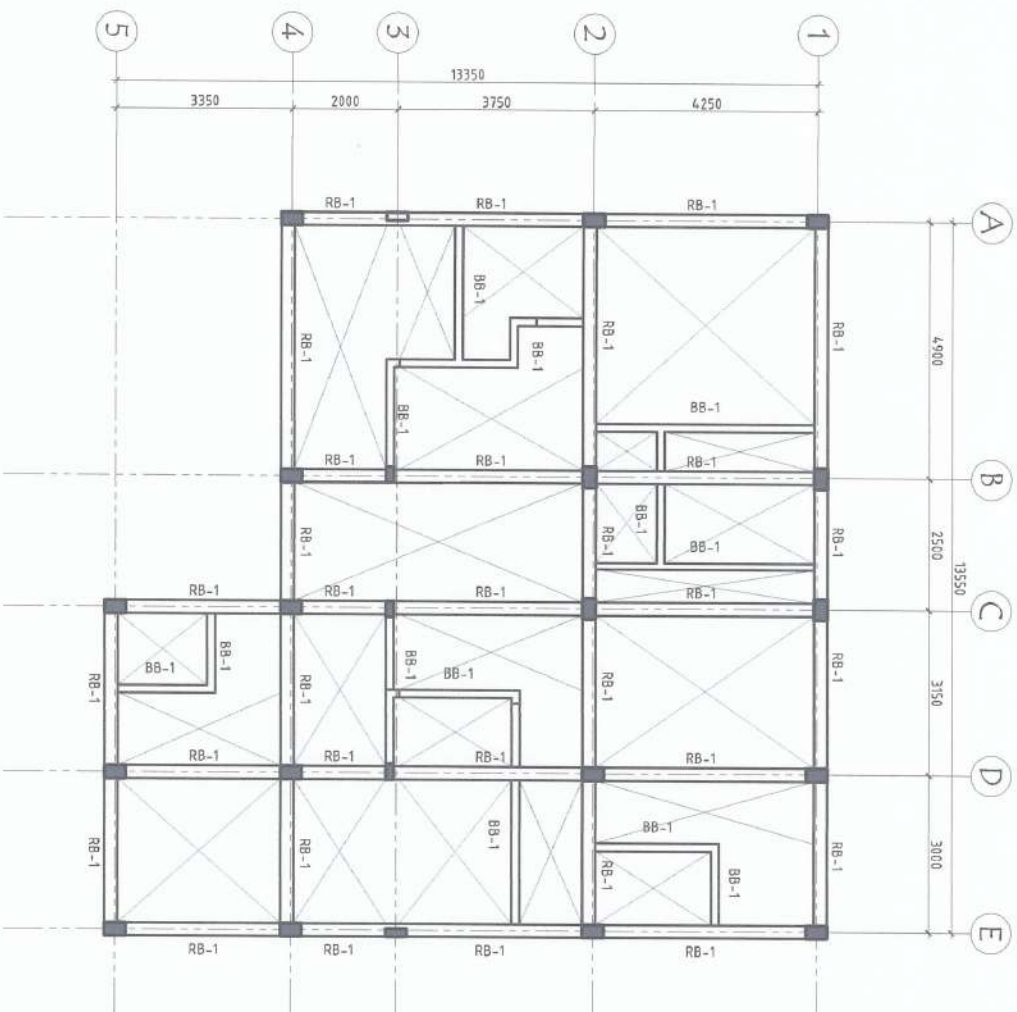


WILFREDO A. DUMALE JR.
DIRECTOR, PRESENT



S-1
6

NOTE:
 **ALL UNCLEAR DETAILINGS
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 PPDS BEFORE EXECUTION OF
 WORKS



PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO.



JUSTINE LOUIE A. LABAO
 ARCHITECT (C)

ANDRES M. SANTIAGAN JR.
 ARCHITECT (C)

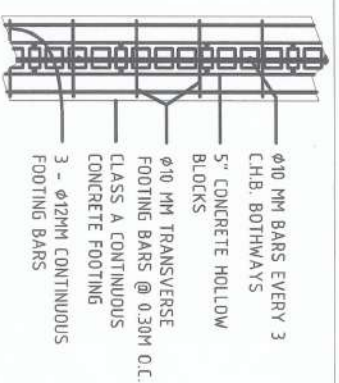
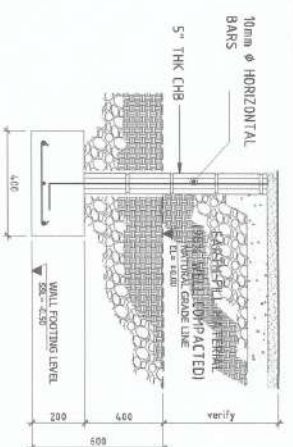
JYRUS J. DELA CADIENTE
 PEDESTAL DESIGNER

ARVIN P. DELA ESTEROS
 CIVIL ENGINEER

CARLO F. VERA
 VICE PRESIDENT OF THE ARCHITECTS' ASSOCIATION OF THE PHILIPPINES

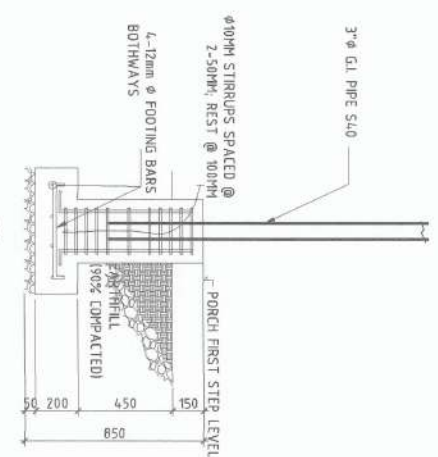
WILFREDO A. DUMALE JR.
 UNIVERSITY PRESIDENT

S-3
 6



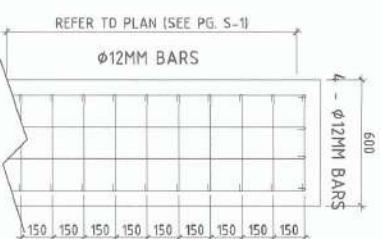
WALL-FOOTING DETAILS

****ALL UNCLEAR
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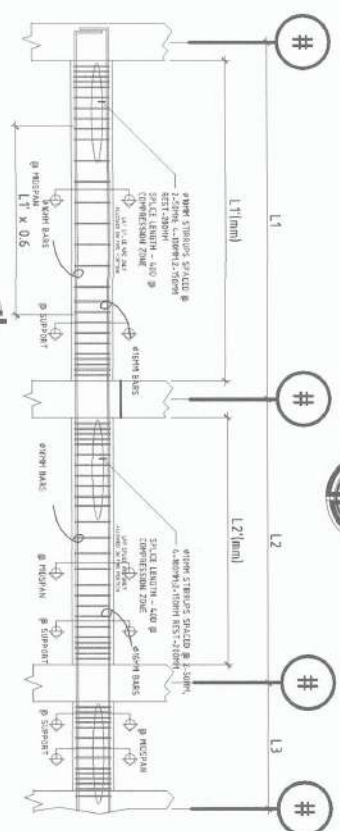


ROOF BEAM (PB) @ SUPPORT

BOND BEAM (BB)

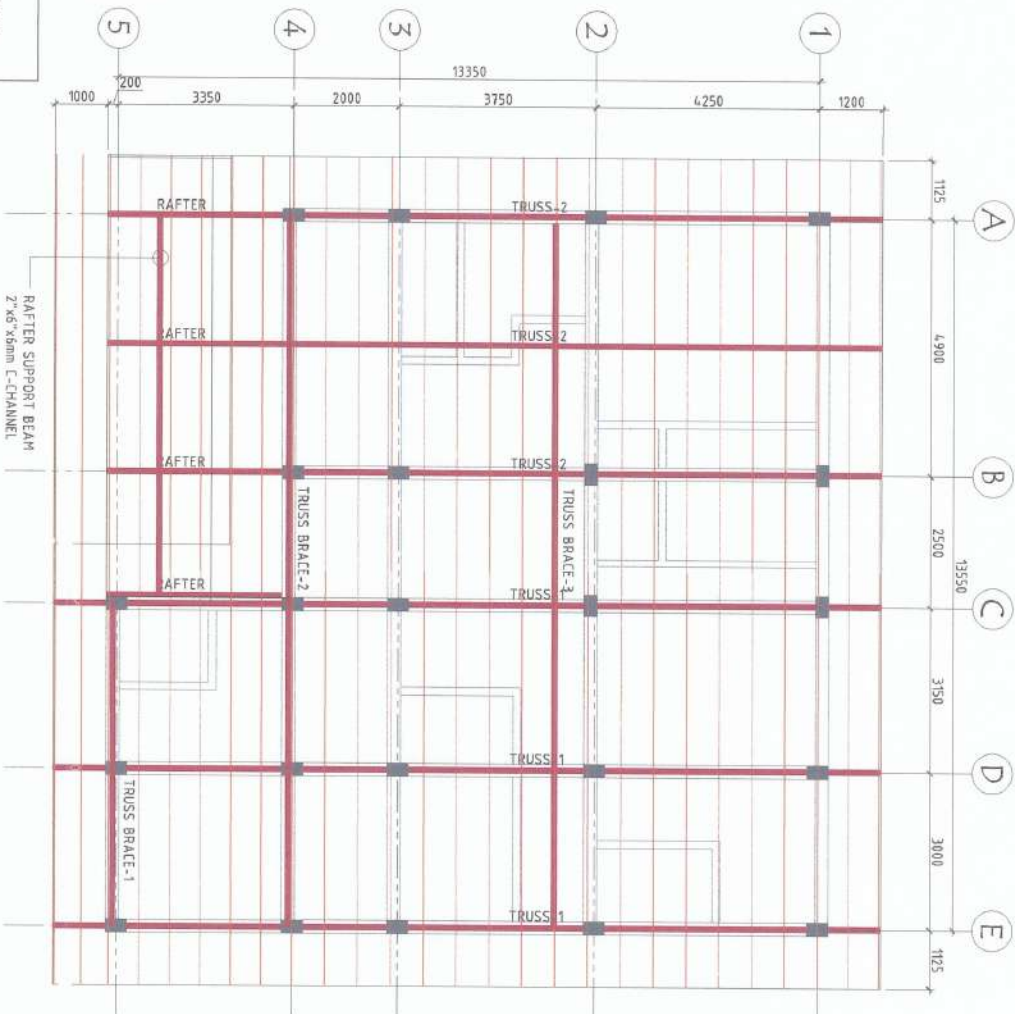


C2-F2 DETAILS



TYPICAL BEAM DETAILS

9
4-5



NOTE:
 **ALL UNCLAR DETAILINGS
 SHOULD BE REFERRED TO
 PPSDS BEFORE EXECUTION OF
 WORKS

MATERIALS:
 BOTTOM CHORD: 1 - 2"x4"x6mm C-CHANNEL
 TOP CHORD: 1 - 2"x4"x6mm C-CHANNEL
 WEB MEMBERS: 1 - 2"x4"x6mm C-CHANNEL
 USE 100X50X20X15mm L/C - PURDINS SPACED
 AS SHOWN
 RAFTER: 1 - 2"x4"x6mm C-CHANNEL

NOTE:
 ALL CONNECTIONS ARE TO BE FULLY WELD



PROJECT AND LOCATION:	PREPARED BY:	CHECKED & SUBMITTED BY:	CONCURRED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.
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ESTABLISHMENT OF
UNIVERSITY RADIO STATION
NVSU

JUSTINE LOUIE A. LABAO
ARCHITECT III

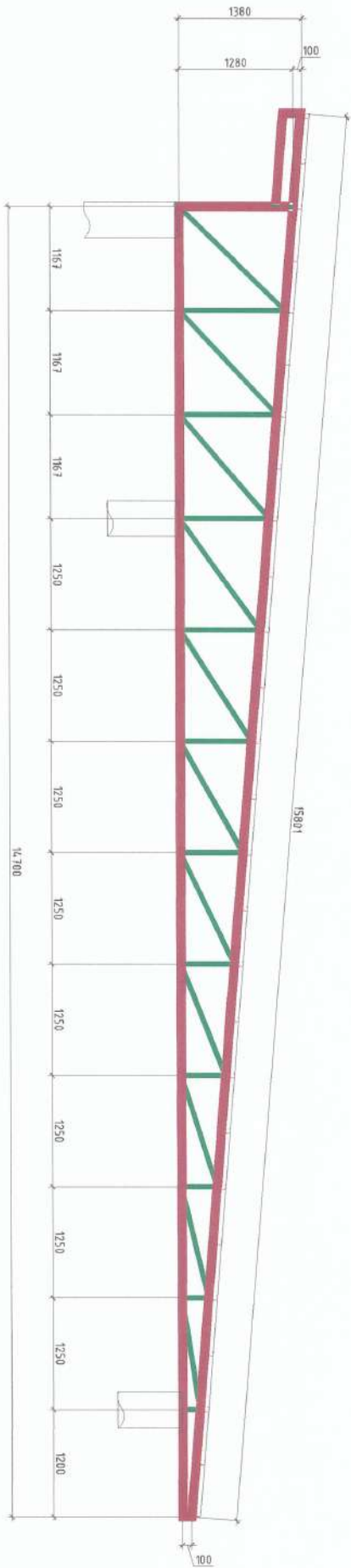
ANDRES M. SABUNGAN JR.
ARCHITECT III

JYRUS MILES D. CADIENTE
PEACE, INDIAN

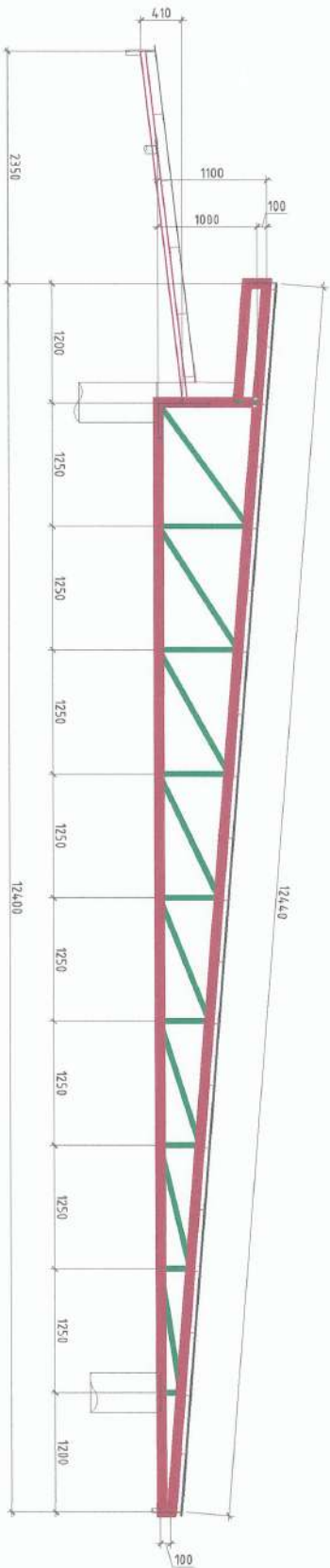
ARVIN P. VALLESTEROS
PEACE, INDIAN

CARLO F. VADIL
VICE PRESIDENT OF PLANNING, DESIGN AND REGULATION SYSTEM

WILFREDO A. DUMALE JR.
UNIVERSITY PRESIDENT



TRUSS-1 (3 SETS)



TRUSS-2 (3 SETS)

MATERIALS:

BOTTOM CHORD: 1 - 2"x4"x6mm C-CHANNEL
 TOP CHORD: 1 - 2"x4"x6mm C-CHANNEL
 WEB MEMBERS: 1 - 2"x4"x6mm C-CHANNEL
 USE 100X50X20X15mm L.C. FURLINS SPACED
 AS SHOWN
 RAFTER: 1 - 2"x4"x6mm C-CHANNEL

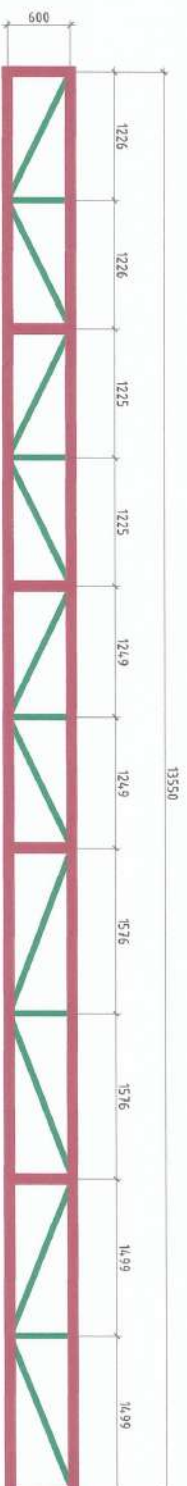
NOTE:

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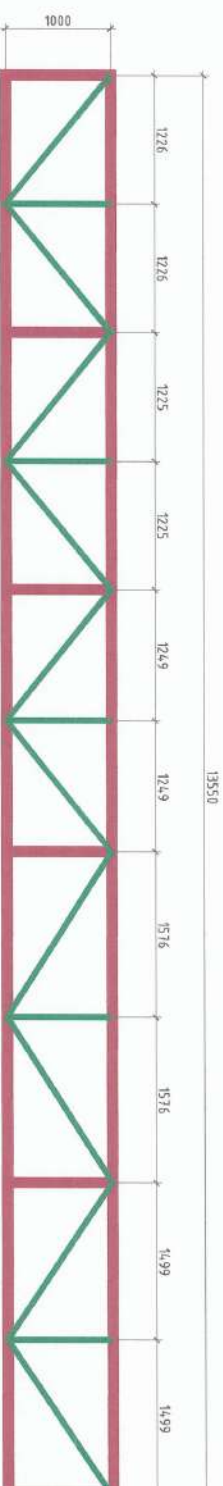
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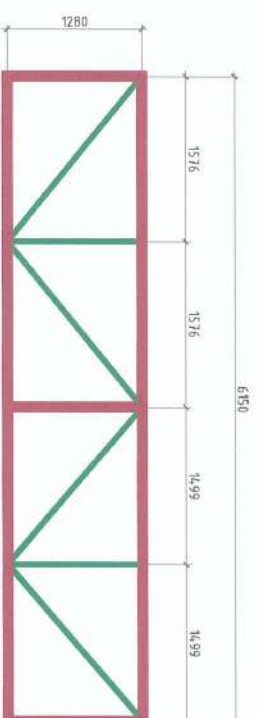




TRUSS BRACE-3 (1 SET)



TRUSS BRACE-2 (1 SET)



TRUSS BRACE-1 (1 SET)

MATERIALS:

BOTTOM CHORD: 1 - 2"x4"x6mm C-CHANNEL
TOP CHORD: 1 - 2"x4"x6mm C-CHANNEL
WEB MEMBERS: 1 - 2"x4"x6mm C-CHANNEL
USE 100X50X20X15mm LC- PURLINS SPACED AS SHOWN
RAFTER: 1 - 2"x4"x6mm C-CHANNEL

NOTE:

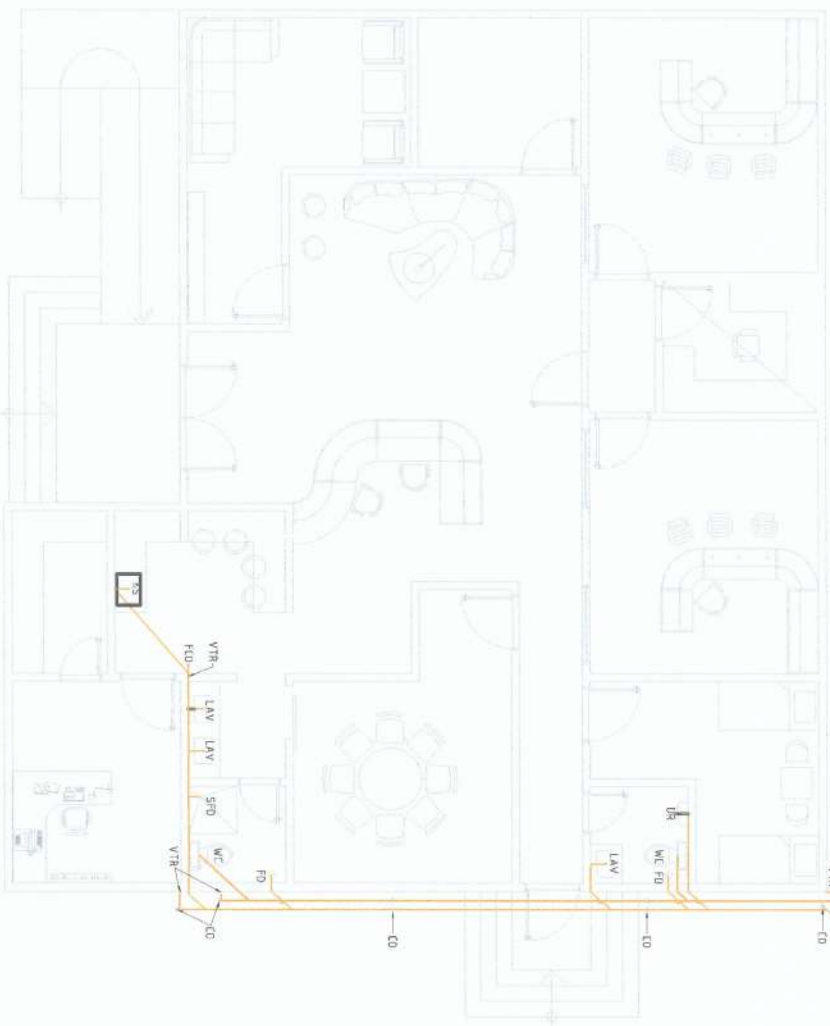
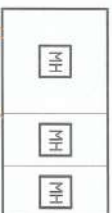
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****ALL UNCLER DETAILINGS SHOULD BE REFERRED TO PPSDS BEFORE EXECUTION OF WORKS**



PROJECT AND LOCATION:	PREPARED BY:	CHECKED & SUBMITTED BY:	CONCURRED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO:	
<div><div>ESTABLISHMENT OF UNIVERSITY RADIO STATION</div><div><small>NVSU CORPORATE ESTABLISHMENT, NVSU, WEDU 11</small></div></div>	<div><div>JUSTINE LOUIE A. LABAO</div><div><small>ADMINISTRATIVE OFFICER</small></div></div>	<div><div>ANDRES M. SABUNGAN JR.</div><div><small>PROJECT MANAGER</small></div></div>	<div><div>JYRUS J. LES D. CADIENTE</div><div><small>PROJECT MANAGER</small></div></div>	<div><div>ARVIN P. ALVESTEROS</div><div><small>PROJECT MANAGER</small></div></div>	<div><div>CARLO E. VADOR</div><div><small>PROJECT MANAGER</small></div></div>	<div><div>WILFREDO A. DUMALE JR.</div><div><small>PROJECT MANAGER</small></div></div>	<div></div>



LEGEND	
SYMBOL	DESCRIPTION
CO	CLEAN OUT
FCO	FLOOR CLEAN OUT
WC	WATER CLOSET
FD	FLOOR DRAIN
VTR	VENT THRU ROOF
LAV	LAVATORY
F	FAUCET
KS	KITCHEN SINK
GV	GATE VALVE
UR	URINAL
	4" Ø uPVC PIPE
	2" Ø uPVC PIPE
	3" Ø PPR PIPE
	1" Ø PPR PIPE

NOTE:
 **ALL UNCLEAR DETAILINGS SHOULD BE REFERRED TO PSDS BEFORE EXECUTION OF WORKS

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



NOVENA CAUSE

ANDRES M. ABUJANGAN JR.

JYRUS ALES D. CADIENTE

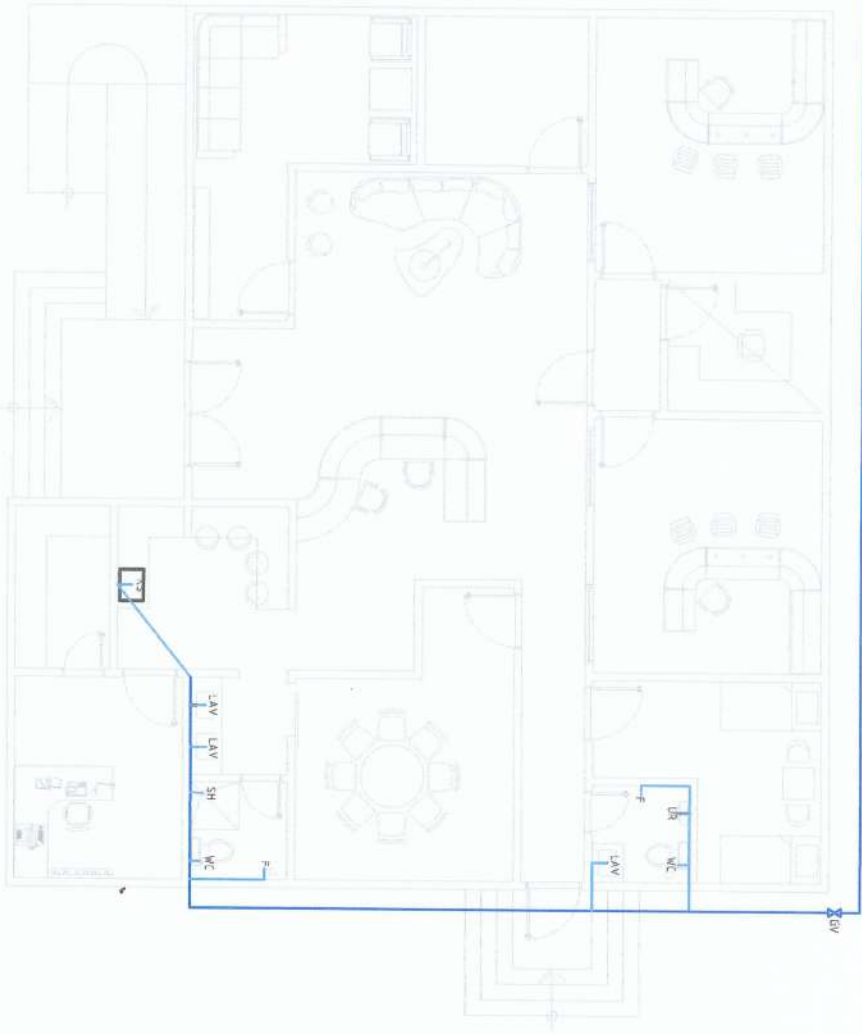
ARVIN M. ALLESTEROS

GRAND F. VADIL

MILFREDO A. DUMALE JR.

P-1
3

FROM MAIN PIPE OF DFTL



WATERLINE LAYOUT

SCALE 1/8\"/>

NOTE:

**ALL UNCLEAR DETAILINGS SHOULD BE REFERRED TO PPDS BEFORE EXECUTION OF WORKS

LEGEND	
SYMBOL	DESCRIPTION
CO	CLEAN OUT
FCO	FLOOR CLEAN OUT
W/C	WATER CLOSET
FD	FLOOR DRAIN
VTR	VENT THRU ROOF
LAV	LAVATORY
F	FAUCET
KS	KITCHEN SINK
GV	GATE VALVE
UR	URINAL
	4" Ø UPVC PIPE
	2" Ø UPVC PIPE
	3/4" Ø PPR PIPE
	1/2" Ø PPR PIPE

PROJECT AND LOCATION:

PREPARED BY:

CHECKED & SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



ESTABLISHMENT OF
UNIVERSITY RADIO STATION
IN VISUAL AND AUDIO RECORDING

NORBERT A. CALSE
ARCHITECT

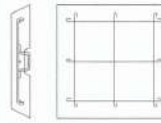
ANDRES M. BUNGAN JR.
ARCHITECT

ARVIN M. ESTEROS
ARCHITECT

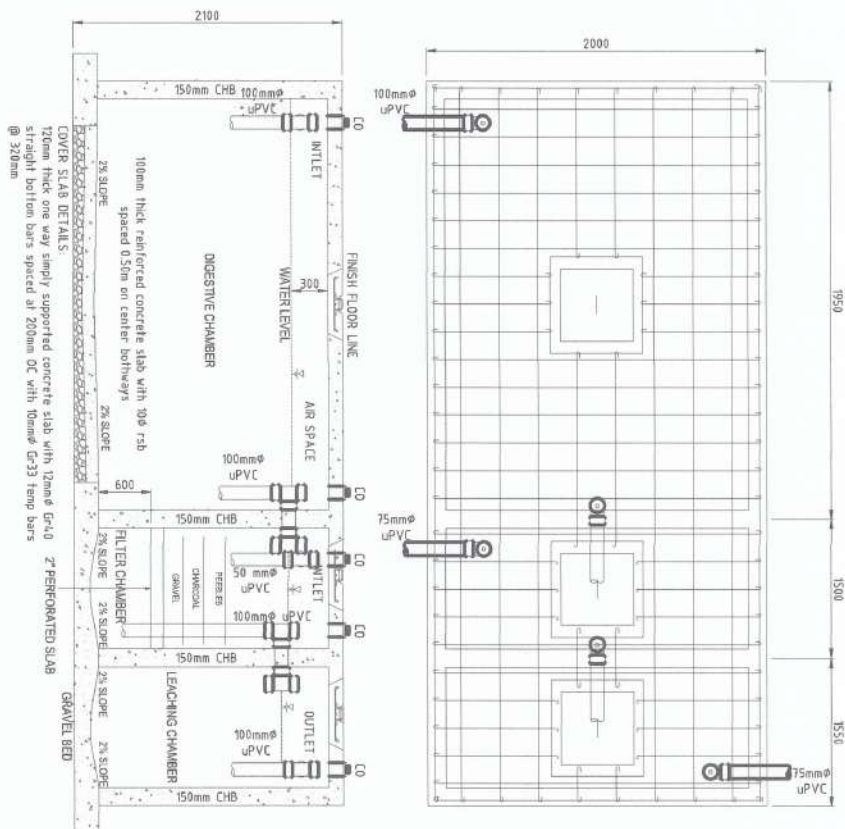
CARLO F. YADIL
VICE PRESIDENT OF PLANNING, DESIGN AND REGISTRATION SYSTEM

WILFREDO A. DUMALE JR.
DIRECTOR GENERAL

P-2
3



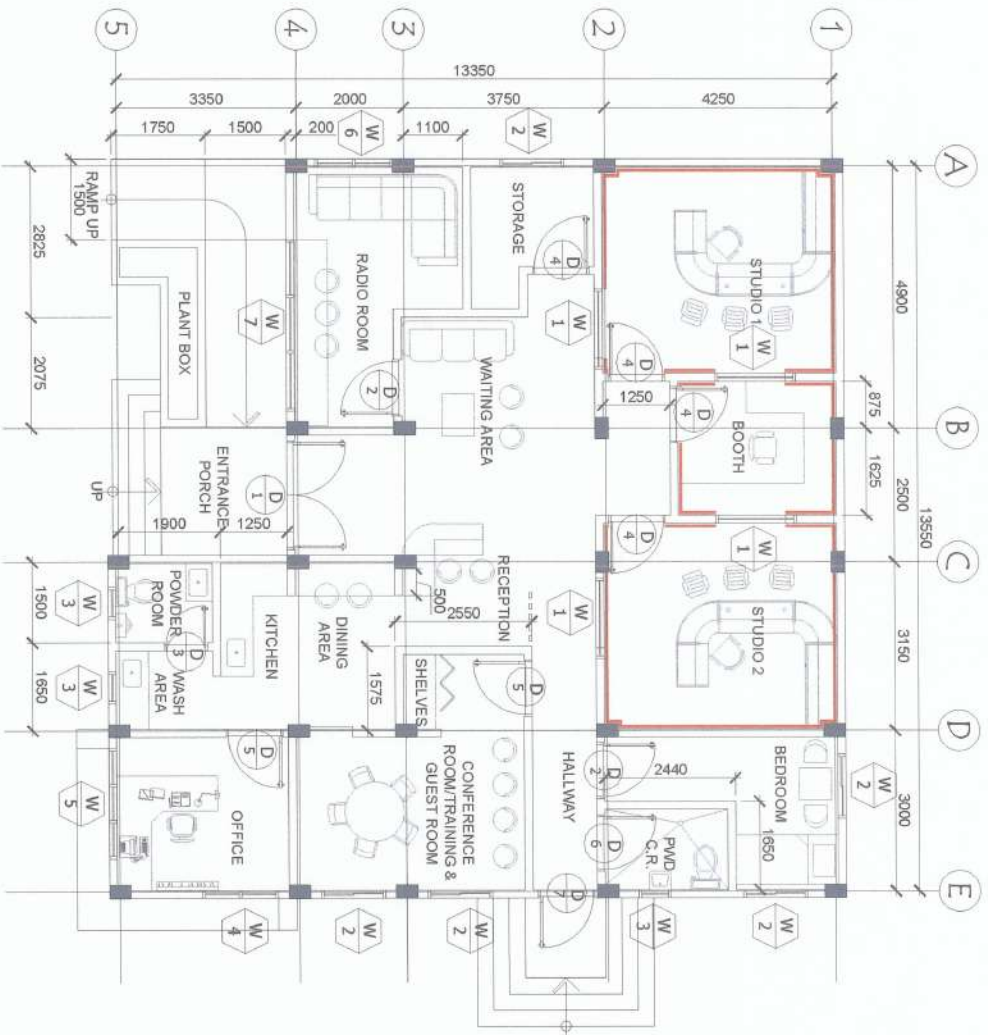
Technical drawing of the test specimen. The base plate has a width of 200 mm and a height of 657 mm. The specimen consists of a base plate with a central hole and a long, thin rectangular plate attached to it.



***ALL UNCLEAR DETAILINGS
SHOULD BE REFERRED TO
PPSDS BEFORE EXECUTION OF
WORKS

1. RUN ALL HORIZONTAL PIPES IN PERFECT ALIGNMENT AND AT A FIRM GRADE NOT LESS THAN TWO PERCENT (2%).
2. ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY-FIVE DEGREES (45°) WYES, LONG SWEEP QUARTER BEND, SIXTY-HEIGHT OR SIXTEEN-THREE BEND, WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL. A SINGLE 1/8 BEND COMBINATION MAYBE USED ON VERTICAL, STRAIGHT AND SHORT QUARTER BENDS MAYBE USED ON WASTE LINE. TEE AND CROSSES MAYBE USED IN BENT PIPES.
3. NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL SOIL AND WASTE LINES, THE DRILLINGS AND TAPPING OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SMOOLE HUB AND BEND ARE PROHIBITED.
4. CLEANOUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
 - a) EVERY CHANGE OF HORIZONTAL DIRECTION EXCEEDING TWENTY TWO AND ONE-HALF DEGREES (22 1/2°).
 - b) ONE AND ONE-HALF METERS (1.5m), INSIDE THE PROPERTY LINES BEFORE THE BUILDING DRAINAGE CONNECTION.

11. PLUMBING WORKS SHALL BE DONE UNDER THE SUPERVISION OF A LICENSED MASTER PLUMBER.
12. NO SEPTIC VAULT SHALL BE CONSTRUCTED UNDER THE BUILDING.
13. SEPTIC TANK (STAGE 1) OF SEPTIC TANK.
14. SANITARY LINES SHALL BE 100mm UPVC SANITARY PIPE FOR MAIN SANITARY LINES TO DIGESTION CHAMBER BREAKAGE AND ALL CONNECTIONS SHALL NOT BE SUBJECTED TO TUNDE STRAIN AND STRESSES.
15. ALL PIPES PASSING THROUGH WALL, SLAB, BEAMS OR ANY PART OF THE BUILDING SHALL BE PROTECTED FROM UNDERGROUND PIPES SHALL BE BURIED TO MINIMUM DEPTH OF 30cm BELOW THE TOP OF THE GROUND.
16. THE DIGESTION CHAMBER OF SEPTIC TANK MUST BE PLASTERED.
17. NOT LESS THAN 30 METER OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF WALL T ROOF SLAB.
18. EVENLY FIFTEEN METERS (15.00m) IN HORIZONTAL RUN OF PIPES.
19. AT THE END OF ANY HORIZONTAL PIPE LINES.
20. 5. THE DIGESTION CHAMBER OF SEPTIC TANK MUST BE PLASTERED.
21. NOT LESS THAN 30 METER OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF WALL T ROOF SLAB.

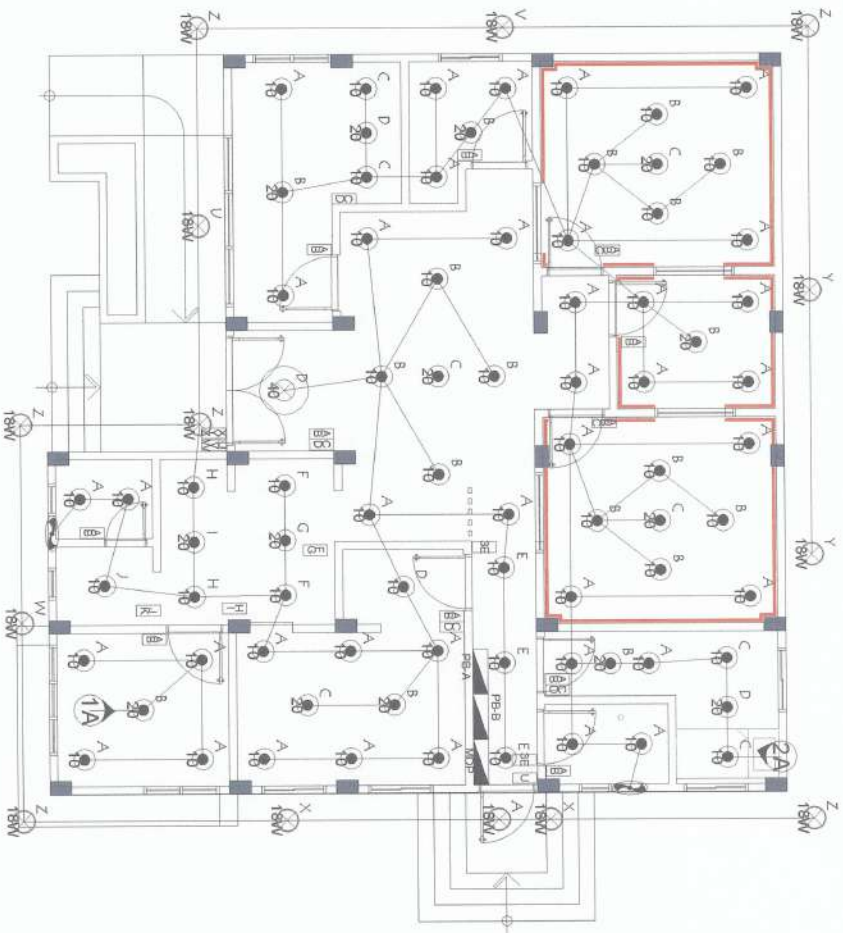


E FLOOR PLAN FOR ELECTRICAL
1 SCALE 1:100

GENERAL NOTES AND SPECIFICATIONS

1. ALL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, LAWS, ORDINANCES, RULES AND REGULATIONS OF THE LOCALITY HAVING JURISDICTION OVER THE PROJECT.
3. ALL THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH PROMPT AND WORKMANLIKE MANNER EMPLOYING STANDARD TOOLS EQUIPMENT, METHOD AND GOOD ENGINEERING PRACTICES. THE JOB SHALL BE DONE COMPLETE IN ALL ASPECTS AS REQUIRED PER PLANS AND SPECIFICATIONS AND READY FOR OPERATIONS.
4. ALL MATERIALS TO BE USED SHALL BE BRANDED NEW, WITH TRADE NAME, UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND SHALL FURNISH THE DESIGNED MATERIALS IN ACCORDANCE WITH THE STANDARDS USED FOR THE PARTICULAR TYPE OF MATERIALS.
5. ALL SWITCHES, SWITCH PLATES, CONVENIENCE OUTLETS, TELEPHONE OUTLETS, CATH OUTLETS SHALL BE BRANDED TRADE/BRAND NAME OF MATERIALS INDICATED HEREIN ARE RECOMMENDATORY IN NATURE AND ARE INCLUDED FOR THE PURPOSE OF UNIFORMITY IN BIDS. IF TRADE/BRANDS OTHER THAN THOSE INDICATED ARE TO BE USED DURING CONSTRUCTION, BROCHURES AND SAMPLES SHALL BE SUBMITTED TO THE NWSU AUTHORIZED REPRESENTATIVE FOR APPROVAL.
6. ANY PERMANENT CONTACT BETWEEN THE ELECTRICAL PLANS AND THESE SPECIFICATIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REFERRED TO THE NWSU AUTHORIZED REPRESENTATIVE FOR FINAL DECISION.
7. THE ELECTRICAL PLANS INDICATE THE GENERAL LAYOUT OF THE COMPLETE ELECTRICAL SYSTEM, ARRANGEMENT OF FEEDERS, CIRCUIT OUTLETS, SWITCHES, CONTROLS, PANEL BOARDS, SERVICE EQUIPMENT, AND OTHER WORK. FIELD VERIFICATION OF THE SCALE DIMENSIONS ON THE PLANS MUST BE MADE, SINCE ACTUAL LOCATIONS, DISTANCES AND LEVELS WILL BE GOVERNED BY ACTUAL FIELD CONDITIONS.
8. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND CERTIFICATES OF ELECTRICAL INSPECTION FROM THE PROPER GOVERNMENT AUTHORITIES CONCERNED. REQUIRED BOTH FOR THE INSTALLATION AND FOR THE OPERATION OF THE SYSTEM.
9. LIGHTING AND POWER BRANCH CIRCUIT - JPNCS PRES CONCEALED IN CEILING AND DOUBLE WALLS AND/OR EMBEDDED IN CONCRETE WALLS/LABS.
10. USE JPNCS FOR CONNECTION BETWEEN JUNCTION BOXES INSIDE CEILING AND LIGHTINGS AND OTHER FIXTURES USING APPROVED FITTINGS.
11. ALL UTILITY BOXES FOR LIGHTING OUTLETS, CONVENIENCE OUTLET, SWITCHES AND OTHER DEVICES SHALL BE MADE BY GALVANIZED IRON DEEP TYPE AND SHALL BE PAINTED WITH RED OXIDE BEFORE INSTALLATION.
12. THE TYPE AND SIZE SPECIFIED, THE TYPE OF WIRE TO BE USED SHALL BE UNLESS SPECIFIED SHALL BE 3.5mm HN COPPER WIRE.
13. ALL CONVENIENCE OUTLETS SHALL BE GROUNDED TYPE, THREE-PHASE, THREE-WIRE, FLUSH MOUNTED UNLESS INDICATED OTHERWISE.
14. SUBMIT ONE SAMPLE OF EACH TYPE OF LIGHTING FIXTURES TO THE NWSU AUTHORIZED REPRESENTATIVE FOR APPROVAL PRIOR TO MANUFACTURING AND INSTALLATION.
15. ALL WALL MOUNTED EXHAUST FAN, ORBIT FAN AND EMERGENCY LIGHT SHALL BE PROVIDED BY A 1 GANG CONVENIENCE OUTLET.
16. ALL AIR CONDITIONING EQUIPMENT SHALL BE PROVIDED WITH A SAFETY BREAKER AND AIR CONDITIONING EQUIPMENT SHALL BE EASILY ACCESSIBLE UPON FINAL COMPLETION OF THE WORK HEREIN DESCRIBED. THE ELECTRICAL CONTRACTOR SHALL FURNISH THE NWSU TWO (2) COPIES OF THE "AS-BUILT" PLAN FOR FUTURE REFERENCE AND MAINTENANCE PURPOSES.

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PRC Reg No: PTR No: Place of Issue: TR No:	 ESTABLISHMENT OF UNIVERSITY RADIO STATION NWSU NWSU WISDOM STATE UNIVERSITY, BAYBAYONG CAMPUS	 MARCO P. BAYAN ADMINISTRATIVE AIDE-CHIEF	 ANDRES M. PADUNGUAN JR. CHIEF, INFRASTRUCTURE	 JYRUS D. CADENTE ONC DIRECTOR, PDSOS	 ARVIN S. AMESTEROS CHIEF, ADMINISTRATION	 CARLO L. ADAD VP FOR PLANNING, DEVELOPMENT & INFORMATION SYSTEM	 WILFREDO A. DIMALA JR. UNIVERSITY PRESIDENT	<div>E1</div> <div>5</div>



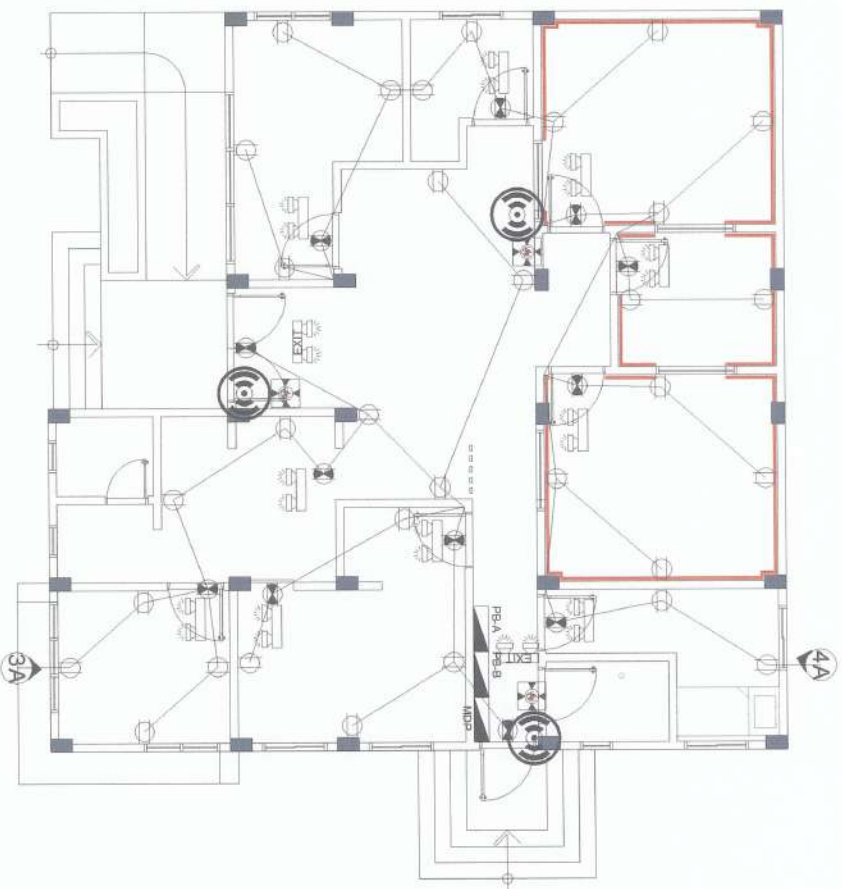
LEGENDS

- PANEL BOARD (HEIGHT FOR MAIN BREAKER = 1800MM)
- CIRCUIT HOMERUN
- 10W LED LIGHT
- 15W LED LIGHT
- 20W LED LIGHT
- 1 GANG SWITCH
- 2 GANG SWITCH
- 3 GANG SWITCH
- CONVENIENCE OUTLET(HEIGHT=300MM)
- EMERGENCY LIGHT (HEIGHT=2300MM)
- EMERGENCY/EXIT LIGHT COMBINATION(HEIGHT=2300MM)
- 1HP AIRCON UNIT SPLIT TYPE
- 2HP AIRCON UNIT SPLIT TYPE
- SPLIT TYPE AIRCON INDOOR UNIT
- MANUAL PULL SWITCH (HEIGHT=1500MM)
- FIRE ALARM BELL (HEIGHT=2300MM)

E LIGHTING LAYOUT

1 SCALE 1:100

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PRC Reg. No. PRC No. PRC Date PRC No.	 ESTABLISHMENT OF UNIVERSITY RADIO STATION NUSU NUBA VICANA STATE UNIVERSITY, BAYANGONG CAMPUS	 MARCO P. OBATAN ADMINISTRATIVE AIDE / JOURNAL	 ANDRES M. BALUNGAN JR. CHIEF INFRASTRUCTURE	 JYRUS L. CADENTE OIC DIRECTOR, PPSOS	 ARNOLD VALLESTEROS JYRUS ADMINISTRATOR	 CARLO F. VADIL VP FOR PLANNING, DEVELOPMENT & INFORMATION SYSTEMS	 WILLFREDO A. DUMALE JR. UNIVERSITY PRESIDENT	

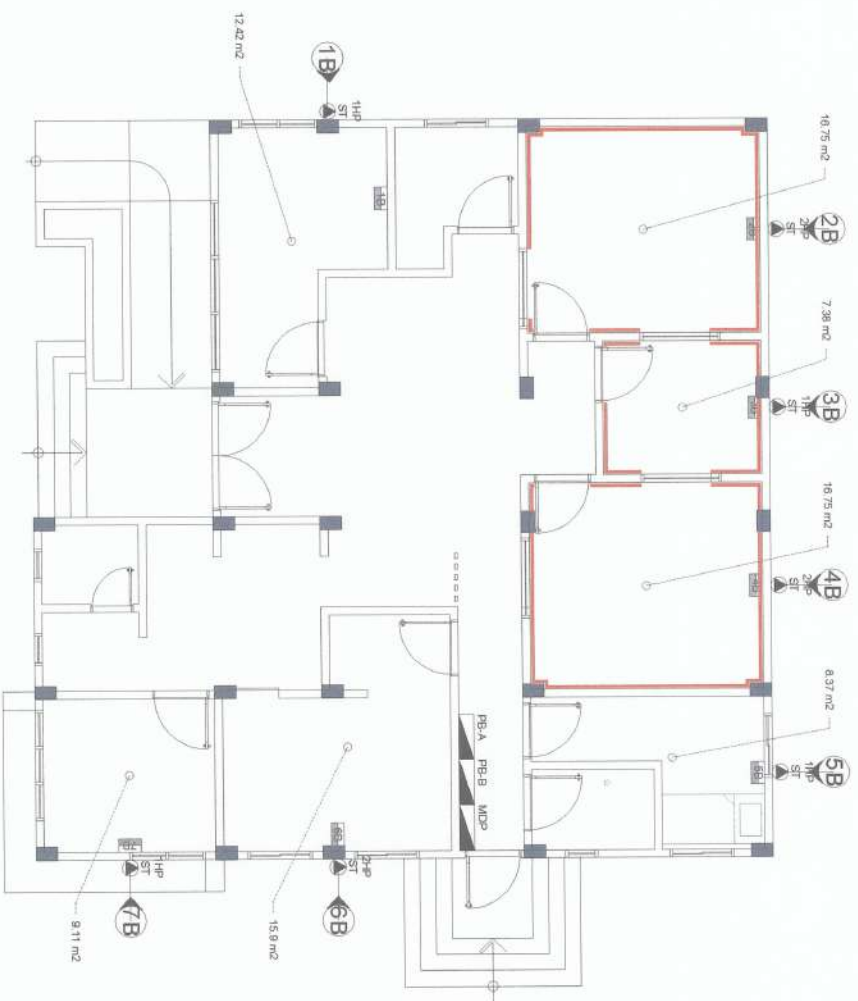


E POWER LAYOUT
1 SCALE 1:100

LEGENDS

- PANEL BOARD (HEIGHT FOR MAIN BREAKER =1800MM)**
- CIRCUIT HOMERUN**
- 10W LED LIGHT**
- 15W LED LIGHT**
- 20W LED LIGHT**
- 1 GANG SWITCH**
- 2 GANG SWITCH**
- 3 GANG SWITCH**
- CONVENIENCE OUTLET(HEIGHT=300MM)**
- EMERGENCY LIGHT (HEIGHT=2300MM)**
- EMERGENCY/EXIT LIGHT COMBINATION(HEIGHT=2300MM)**
- 1HP AIRCON UNIT SPLIT TYPE**
- 2HP AIRCON UNIT SPLIT TYPE**
- SPLIT TYPE AIRCON INDOOR UNIT**
- MANUAL PULL SWITCH (HEIGHT=1500MM)**
- FIRE ALARM BELL (HEIGHT=2300MM)**

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PRC Reg No. PTR No. Place of Issue MTR No.	 ESTABLISHMENT OF UNIVERSITY RADIO STATION NUEVA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS	 MARCO P. UBAYAN ADMINISTRATIVE AIDE LOCAL	 ANDRES M. SABUNGAN JR. CHIEF OF INFRASTRUCTURE	 JYRUS M. LLEDO, CADIENTE CHIEF DIRECTOR, PRODS	 ARVIN M. ESTEROS CHIEF OF PLANNING	 CAN O. F. VADIL VP FOR PLANNING DEVELOPMENT & INNOVATION SYSTEM	 MILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT	<div>E3</div> <div>5</div>



E AIR CONDITIONING UNIT LAYOUT
1 SCALE 1:100

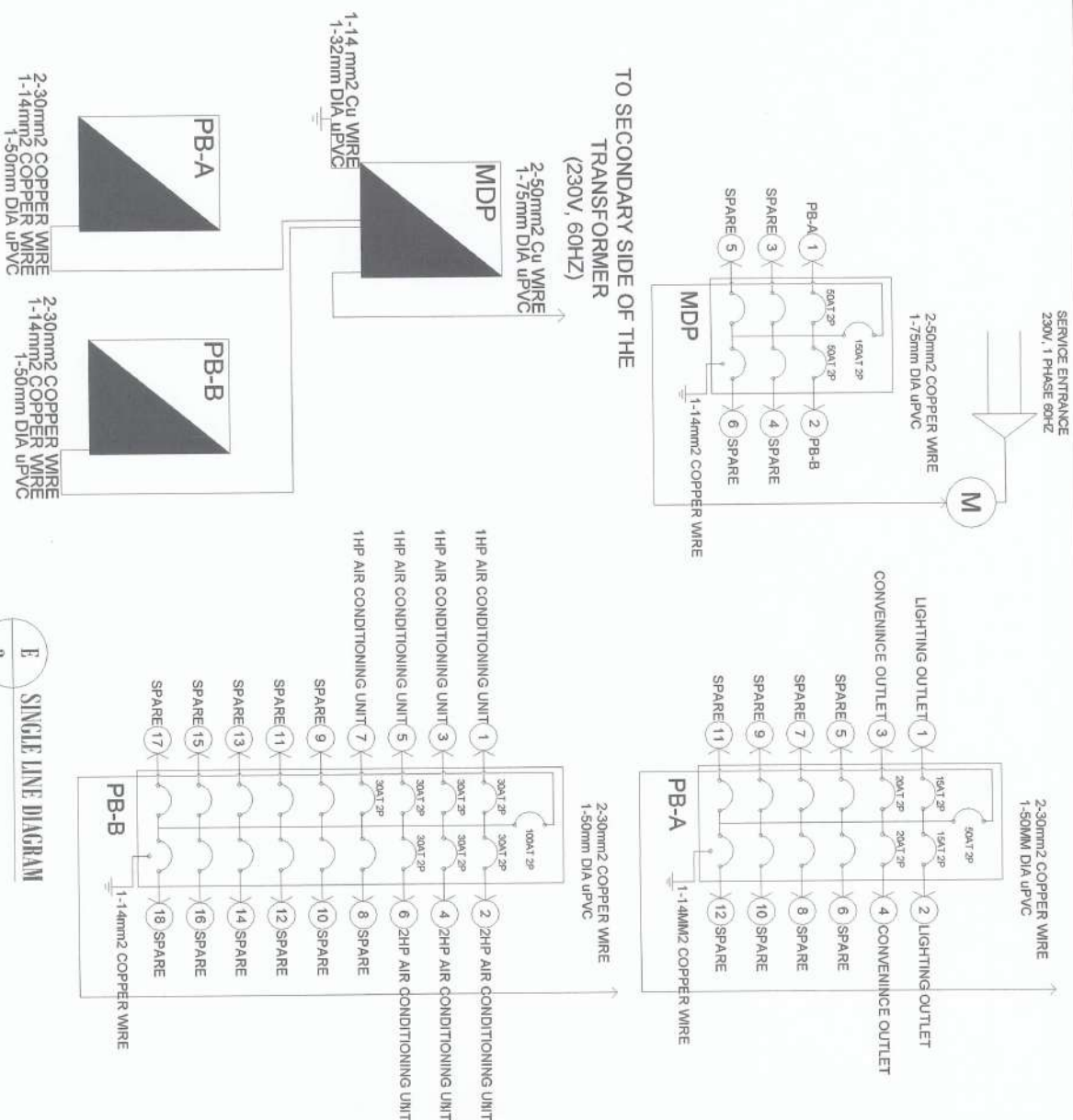
LEGENDS

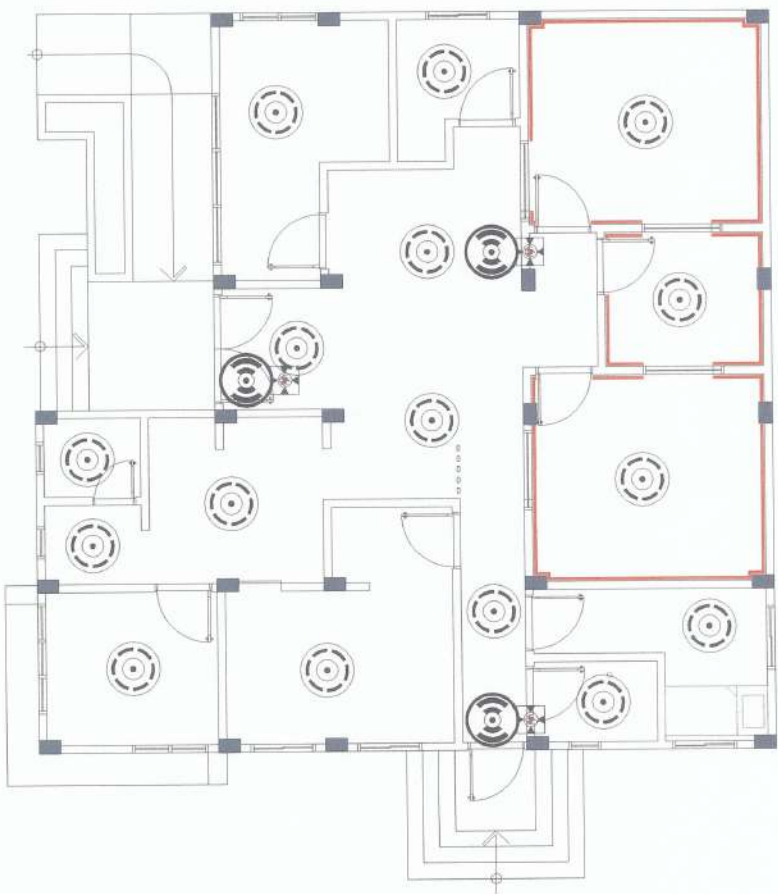
- PANEL BOARD (HEIGHT FOR MAIN BREAKER = 1800MM)
- CIRCUIT HOMERUN
- 10W LED LIGHT
- 15W LED LIGHT
- 20W LED LIGHT
- 1 GANG SWITCH
- 2 GANG SWITCH
- 3 GANG SWITCH
- CONVENIENCE OUTLET(HEIGHT=300MM)
- EMERGENCY LIGHT (HEIGHT=2300MM)
- EMERGENCY/EXIT LIGHT COMBINATION(HEIGHT=2300MM)
- 1HP AIRCON UNIT SPLIT TYPE
- 2HP AIRCON UNIT SPLIT TYPE
- SPLIT TYPE AIRCON INDOOR UNIT
- MANUAL PULL SWITCH (HEIGHT=1500MM)
- FIRE ALARM BELL (HEIGHT=2300MM)

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<div>PRG Reg No: PTR No: Place of Issue: TIN No:</div>	<div><div>ESTABLISHMENT OF UNIVERSITY RADIO STATION</div><div>NUEVA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS</div></div>	<div><div>MARCO P. UBAITAN</div><div>ADMINISTRATIVE AIDE I/CASUAL</div></div>	<div><div>ANDRES M. SABUNGAN JR.</div><div>CHIEF INFRASTRUCTURE</div></div>	<div><div>JYRUS NILES D. CADIENTE</div><div>CHIEF DIRECTION, PROCS</div></div>	<div><div>ARVIN P. REYES</div><div>CHIEF DIRECTION, PROCS</div></div>	<div><div>EMANOEL F. VADIL</div><div>VP FOR PLANNING DEVELOPMENT & INFORMATION SYSTEM</div></div>	<div><div>JM. PEDRO A. DUMALE JR.</div><div>UNIVERSITY PRESIDENT</div></div>	<div><div>E4</div><div>5</div></div>

MAIN CRY CODE	MAIN LOAD DESCRIPTION	MAIN CABLE IN		MAIN BREAKER SIZE						MAIN CABLE DATA						MAIN CONDUIT		
		CIRCUIT (A)	REMAINING CIRCUIIT LOAD (A)	TOTAL POLE RATING	CB	4P	TYPE	SERIES	MAIN 2500 VOLT WIRE		MAIN 4000 VOLT WIRE		SERIES	TYPE	SIZE	TYPE	SIZE	
									SEMI-CONDUCTOR WIRE	INSULATED WIRE	SEMI-CONDUCTOR WIRE	INSULATED WIRE						
PE-A-PANEL BOARD A		19.2	100%	19.23	2	50	50	MCB	1	2	30.0	1W	1	14.0	1W	50	PVC	

MAIN COT CODE	MAIN LOAD DESCRIPTION	MAIN CURRENT		MAIN SHEATH SIZE		MAIN CABLE DETAIL										MAIN COND.	
		CURRENT (A)	DEMAND FACTOR			MAIN SERVICE WIRE											
				TOTAL LOAD (A)	CB	AF	TYPE	SETS	1 Ø 6 WIRE SIZE	TYPE	1 Ø 6 WIRE SIZE	GROUND WIRE	TYPE	Ømm	TYPE		
Pa-8	PANEL BOARD B	76.0	100%	76.00	2	100	100	MCCB	1	2	3A.0	1W	1	14.0	1W	50	PVC

[illegible]



F
1
FDAS LAYOUT
SCALE 1:100

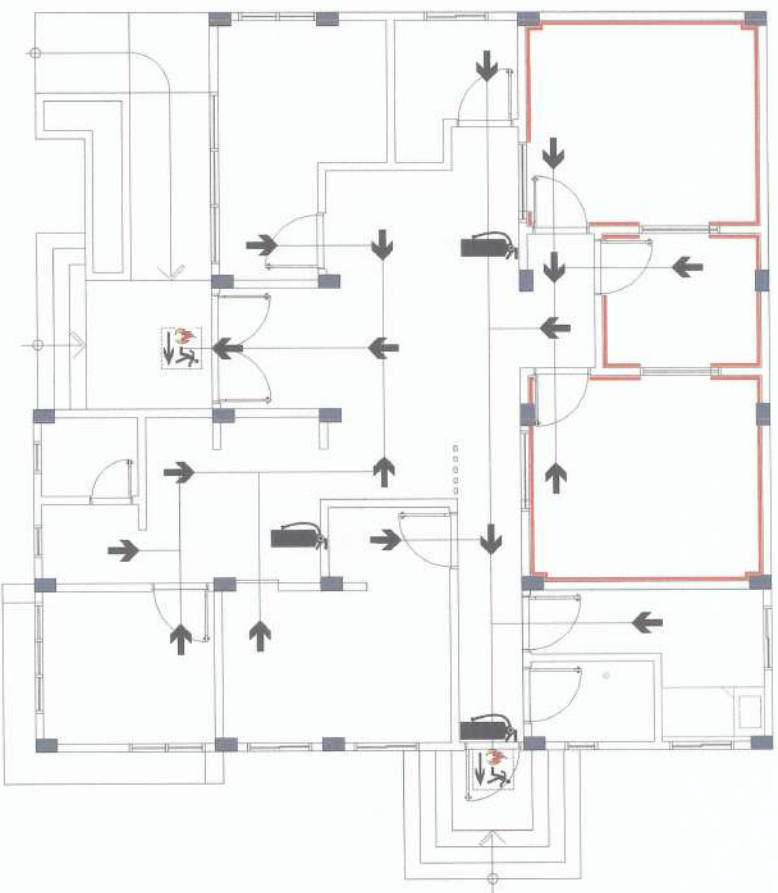
1. INSTALLATION OF FDAS WILL BE IN ACCORDANCE WITH NFPA 72 & 70 & LOCAL FIRE CODE OF THE PHILIPPINES.
2. SMOKE DETECTORS & HEAT DETECTORS ARE TO BE INSTALLED ACCORDING TO THE RECOMMENDED SPACING AS PER NFPA 72 AND MANUFACTURERS LISTING.
3. SMOKE DETECTOR 9.1 METERS (AREA COVERAGE 0.7 TIME LISTED SPACING) HEAT DETECTOR 13.9 METERS (AREA COVERAGE 0.7 TIME LISTED SPACING)
4. ALL AUDIBLE DEVICES IS AT LEAST 15DBA ABOVE THE AVERAGE AMBIENT SOUND.
5. ALL MATERIALS TO BE USED ARE NEW AND WILL BE INSTALLED IN APPLICATOR FOR WHICH THEY ARE INTENDED.

F
2
GENERAL NOTES

- ☼ FIRE ALARM BELL (220V)
- ☼ SMOKE DETECTOR (BATTERY OPERATED)
- ☼ MANUAL PULL SWITCH (220V)

LEGENDS

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PRC Reg No: PTR No: Places of Issue: TIN No:	ESTABLISHMENT OF UNIVERSITY RADIO STATION NVSU NUENA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS	MARCO P. UBATAN ADMINISTRATIVE AIDE (CASUAL)	ANDRES M. SIBUNGAN JR. CIVIL ENGINEER	JYRUS D. D. CADENTE ONC DIRECTOR, PPSOS	ARVIN P. YAMSTEROS CIVIL ENGINEER	CARLO F. VADIL VP FOR PLANNING AND DEVELOPMENT & INNOVATION SYSTEM	WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT
Valid until: Date of Issue:							F1 1



M
1
FLOOR PLAN SHOWING THE LOCATIONS OF FIRE EXTINGUISHERS.
SCALE 1:100

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PRC Reg No: PTR No: Piece of Issue: TM No:	ESTABLISHMENT OF UNIVERSITY RADIO STATION NUEVA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS	MARCO P. UBATAN ADMINISTRATIVE AIDE-CASUAL	ANDRESON SABUNGAN JR. CHIEF OF INFRASTRUCTURE	JYRUS VIVES D. CADIENTE OIC DIRECTOR, PRSOS	ARVIN P. VILASTROS CHIEF OF ADMINISTRATION	CARLOS F. VALDE VP FOR FACILITIES DEVELOPMENT & MAINTENANCE SYSTEMS	WILFREDO A. DUMALALAN UNIVERSITY PRESIDENT
Valid Unit: Valid Date of Issue:							M1 1