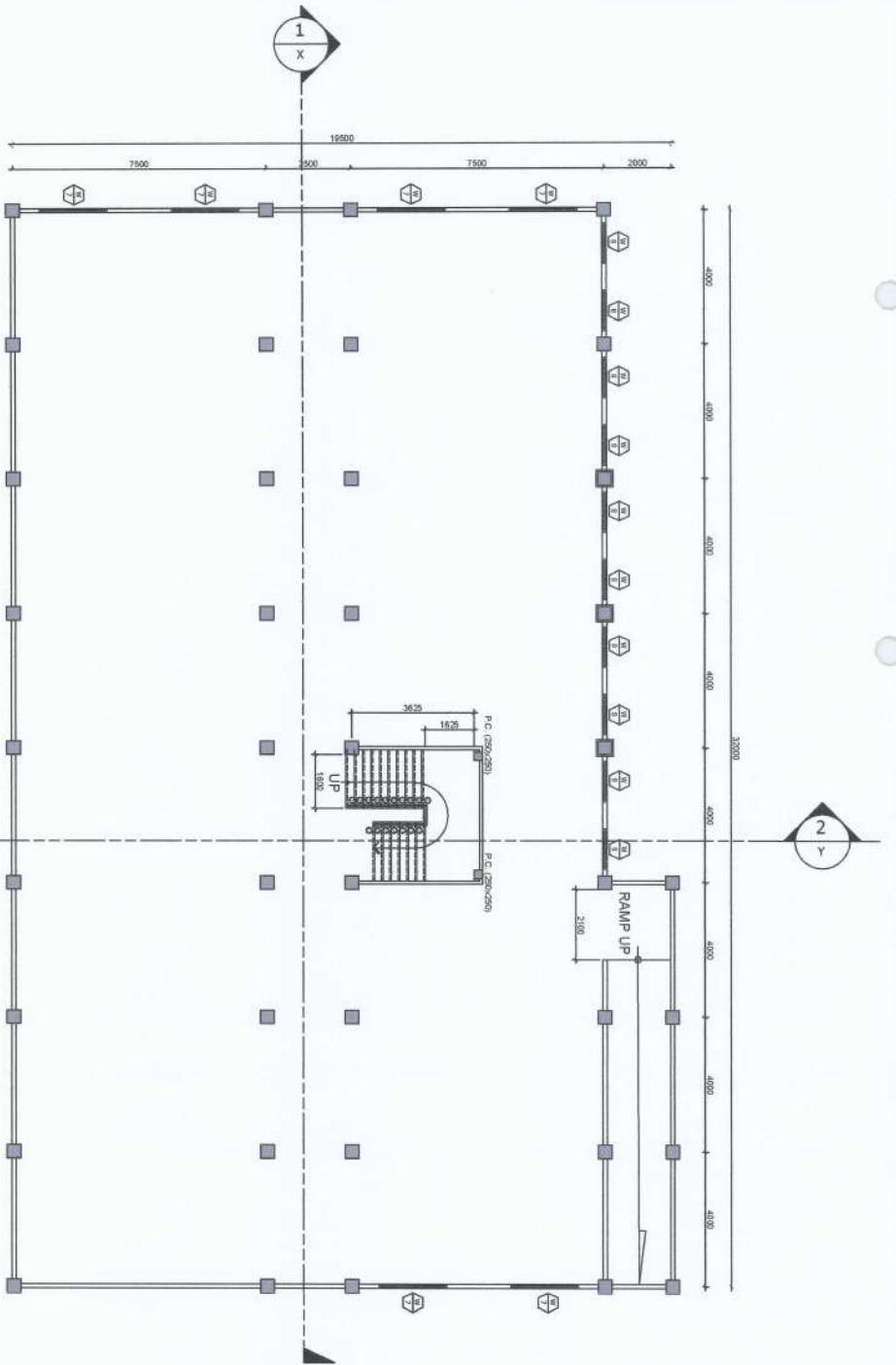




PICTURES SHOWING THE ACTUAL PERSPECTIVE OF THE BUILDING

PROJECT AND LOCATION:	PREPARED BY:		REVIEWED AND SUBMITTED BY:		CONCURRED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO:
 <p>IMPROVEMENT OF CITRUS CENTER NARVA YUZUYA STATE UNIVERSITY - ANTONINO CAMPUS</p>	<p>SHAINIE M. TAO G. HERRERA <i>Shainie M. Tao G. Herrera</i> Engineering Major - 20</p>	<p>ANDRES M. SIBUNGAN JR. <i>Andres M. Sibungan Jr.</i> Civil Engineering</p>	<p>ARVIN E. ESTEROS <i>Arvin E. Esteros</i> Civil Engineering</p>	<p>CARLO F. VADIL <i>Carlo F. Vadil</i> VP for Planning, Development and Information System</p>	<p>WILFREDO A. DUMALE JR. <i>Wilfredo A. Dumale Jr.</i> University President</p>	<p>A 2</p>		



BASEMENT FLOOR PLAN

SCALE 1:100 MTS



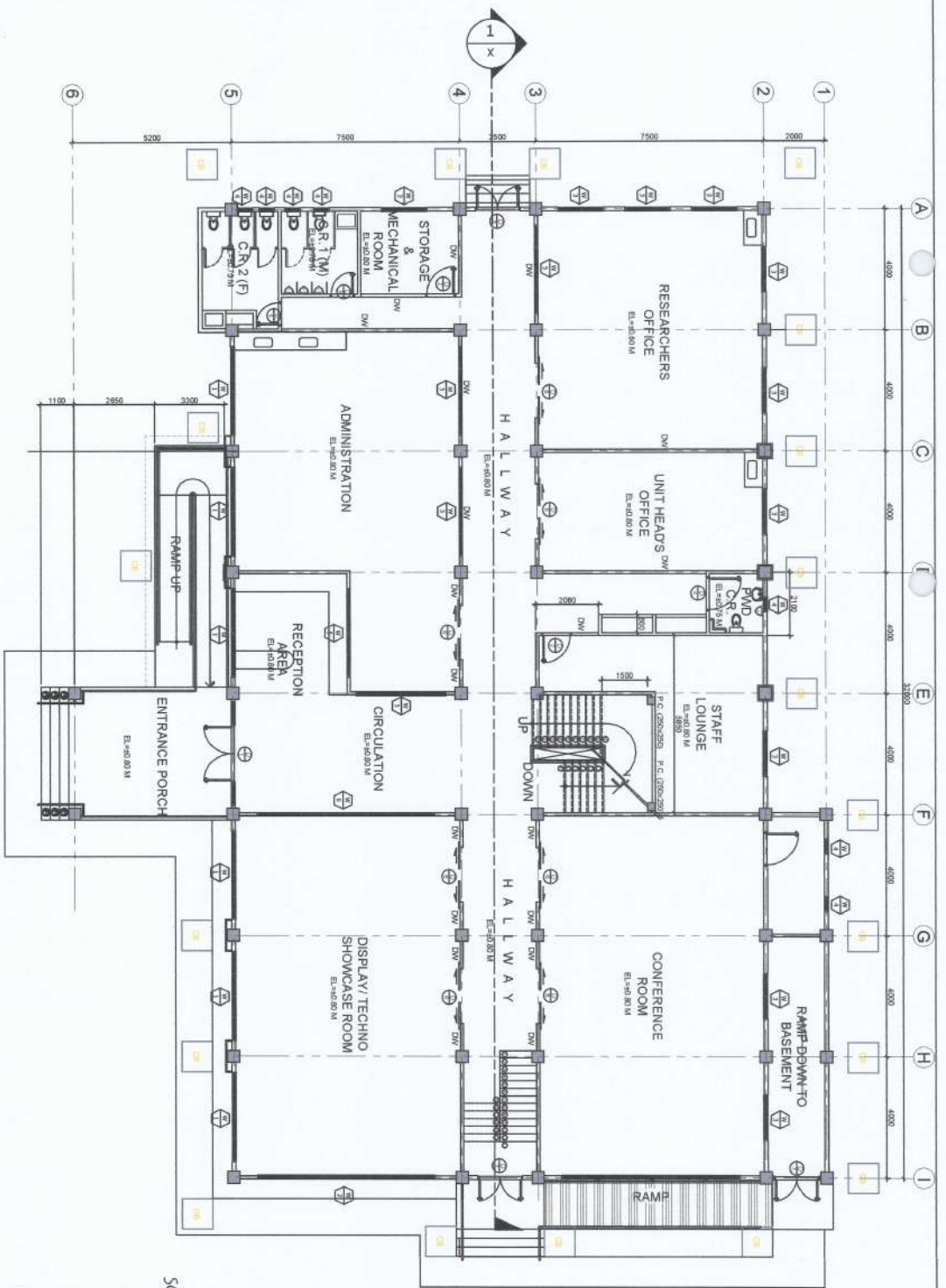
GENERAL NOTES:

1. All works shall be done in a careful manner to avoid damages of existing structure/fixtures.
2. All works shall be coordinated to the NVSU engineer.
3. All finishing works shall be done by skilled laborers in all areas to be painted and repainted.
4. All glass shall be provided with cover to avoid getting paint.
5. All existing waste and generated waste shall be cleaned each day of work.
6. All paint containers shall not be placed anywhere in the area. It shall be brought home by the contractor for proper disposal.
7. All surfaces intended for painting shall be free from dust, foreign objects, and others.
8. All tiles shall be presenting at least three samples for end user preference before buying.
9. The building shall not be allowed for sleeping quarters by the contractor personnel.
10. All unclear item on plans and DUPA shall be referred to the NVSU Engineer.
11. All corridor and stair tiles shall be non-slip tiles including selected laboratories and other rooms as directed by the end user.
12. All offices shall be installed with glazed tiles of approved color.

SCOPE OF WORK:

1. Complete painting works.
2. Liquid waterproofing for basement walls and ceiling area.
3. Cement Waterproofing for basement floor area.

<p>PROJECT AND LOCATION:</p> <p style="text-align: center;">IMPROVEMENT OF CITRUS CENTER</p> <p style="text-align: center;">NUEVA VIZAYA STATE UNIVERSITY, SIVOGABONG CAMPUS</p>	<p>PREPARED BY:</p> <p style="text-align: center;">SHARINE MAYCAH G. HERRERA <i>Sharine</i> Designing Arch-20</p>	<p>REVIEWED AND SUBMITTED BY:</p> <p style="text-align: center;">TRISTA LAUREL G. AU <i>Trista</i> Designing Arch-20</p>	<p>CONCURRED BY:</p> <p style="text-align: center;">ARVIN F. AMATEBROS <i>Arvin</i> Civil Engineering</p>	<p>RECOMMENDING APPROVAL:</p> <p style="text-align: center;">CARLO F. VADIL <i>Carlo</i> VP for Planning, Development and Information System</p>	<p>APPROVED BY:</p> <p style="text-align: center;">WILFREDO A. DUMALAL JR. <i>Wilfredo</i> University President</p>	<p>SHEET NO.:</p> <div style="text-align: center; border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> A 3 </div>
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FIRST FLOOR PLAN

SCALE 1:100 MTS

SCOPE OF WORK:

1. Painting Works on all columns, masonry walls, beams, railings, ceilings, stairs and expose part of the structures.
2. Tiling works in all offices, laboratories, corridors, lounges, entrance and stairs.
3. Clearing of the building perimeter.
4. Repair of cracked ceiling include peeled wall/ceiling paints.
5. Repair of visible wall cracks prior to the application of paints.
6. Refer to other sheets for more scope of works.

PROJECT AND LOCATION:

PREPARED BY:

REVIEWED AND SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO.



NYSU

IMPROVEMENT
OF CITRUS CENTER
NEBRA VIZCAYA STATE UNIVERSITY - BAYOMBONGI CAMPUS

SHANE MARYCASH G. HERRERA
Engineering Ass. - JO

TRISTIA JIMWELLE G. AU
Engineering Ass. - JO

ANDRES MASABUNGAN JR.
Chief Instructor

EDMUND B. BAYAL
Director, SPSSIS

ARVIN E. MARIESTEROS
Chief Administrator

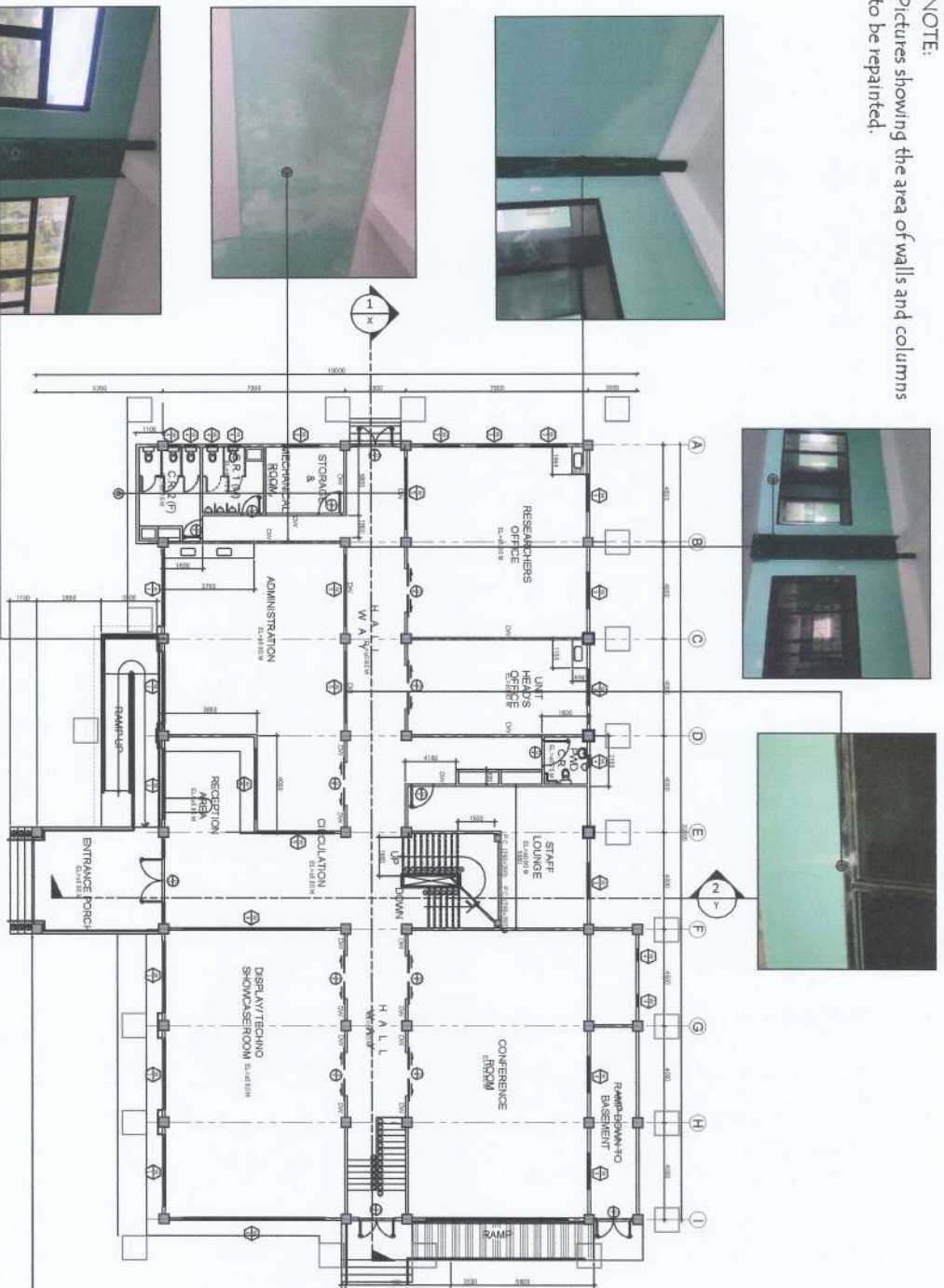
CARNO F. VADIL
VP for Planning, Development and Information System

WILFREDO A. DUMALE JR.
University President

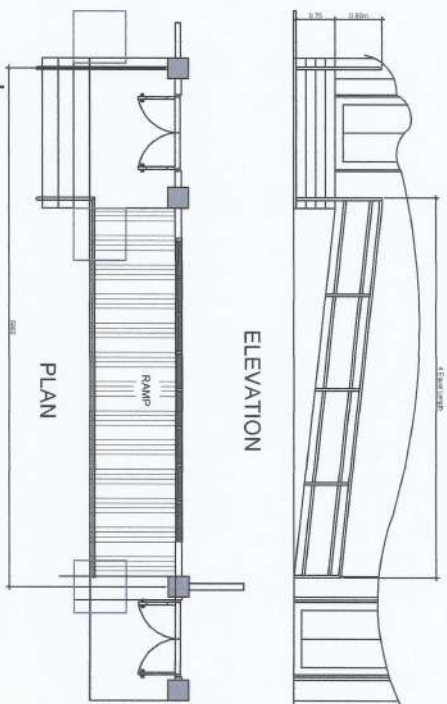
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NOTE:
Pictures showing the area of walls and columns to be repainted.

- SCOPE OF WORK:
1. Complete exterior painting works.
 2. Repainting of walls and columns as specified.
 3. Cleaning and scrubbing of structures to be repainted.



FIRST FLOOR PLAN (AREA FOR REPAINTING)
SCALE 1:100 MTS



DETAIL OF RAMP AT THE RIGHT SIDE
SCALE 1:50 MTS



PROJECT AND LOCATION:



IMPROVEMENT OF CITRUS CENTER
NUEVA VIZCAYA STATE UNIVERSITY - BAYOMBONG CAMPUS

PREPARED BY:

Shane
SHANE MAYCAH G. HERRERA
Engineering Adv. - IO

Trista
TRISTA JAVELLE G. AU
Engineering Adv. - IO

REVIEWED AND SUBMITTED BY:

Andres
ANDRES MARABUNGAN JR.
Chief, Infrastructure

Edmundo
EDMUNDO
Director, PMSIS

CONCURRED BY:

Arvin
ARVIN M. ESTEROS
Chief, Infrastructure

RECOMMENDING APPROVAL:

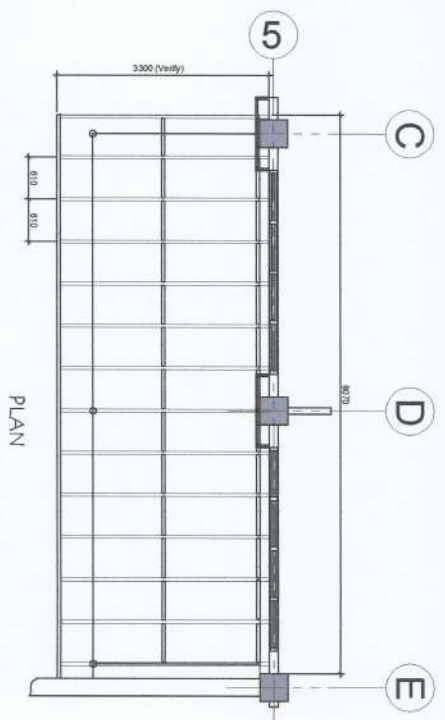
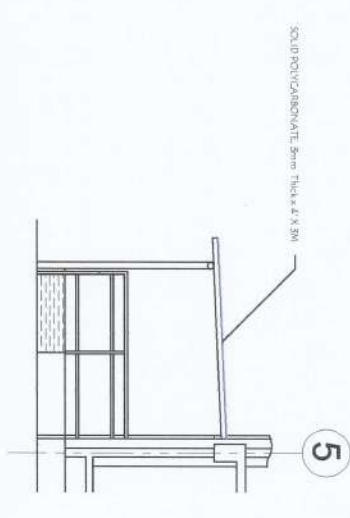
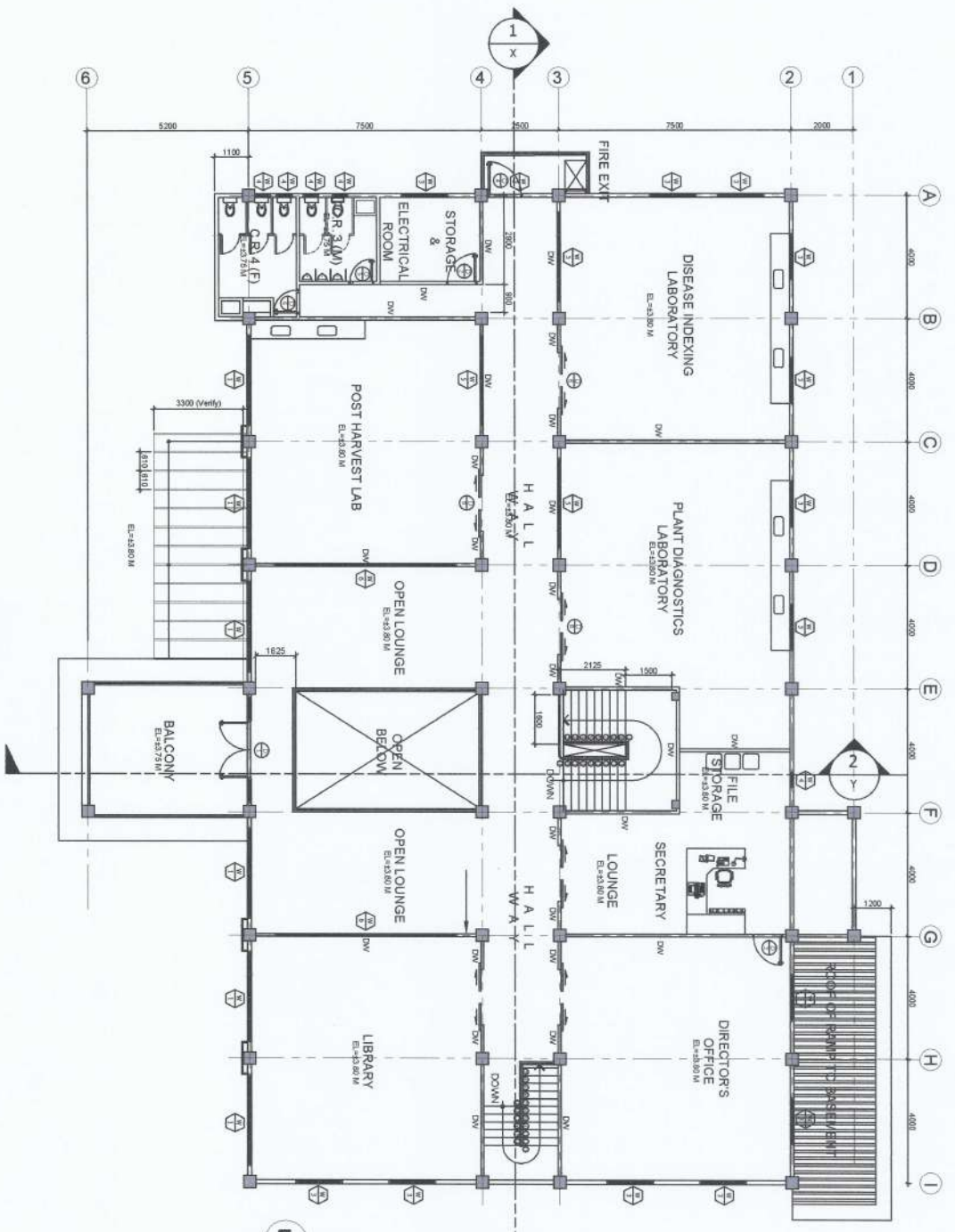
Carlo
CARLO F. VADIL
VP for Planning, Development and Information System

APPROVED BY:

Milfredo
MILFREDO A. DUMALE JR.
University President

SHEET NO.

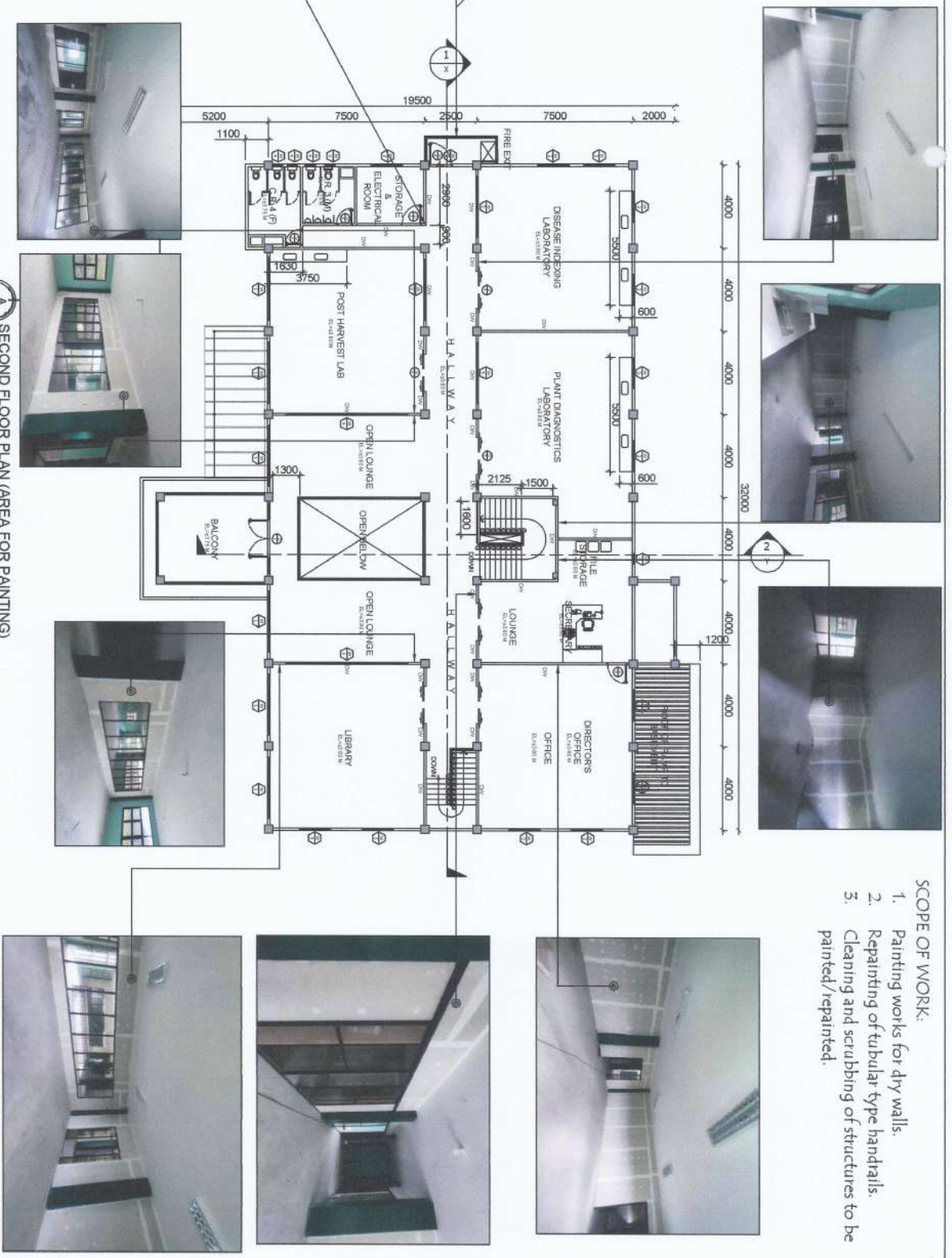
A
5



<p>PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER NARVA VIDYAYA STATE UNIVERSITY, BAYOMBONG CAMARIS</p>	<p>PREPARED BY: SHAINA MAYCANG HERREERA E_l+3.80 M</p> <p>TRISTIA BELLE G. AU E_l+3.80 M</p>	<p>REVIEWED AND SUBMITTED BY: ANDRESAN SABUNGAN JR. Chief, Infrastructure</p> <p>EDMUNDO BALAL Director, P-RSOS</p>	<p>CONCURRED BY: ARVIN BALBUENAS Chief of Administration</p>	<p>RECOMMENDING APPROVAL: CARLO F. VADIL VP for Planning, Extension and Information System</p>	<p>APPROVED BY: WILFREDO A. DUMALAE JR. University President</p>	<p>SHEET NO.: A 6</p>
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NOTE:
Pictures showing the area of drywalls to be painted and tubular type handrails for repainting.

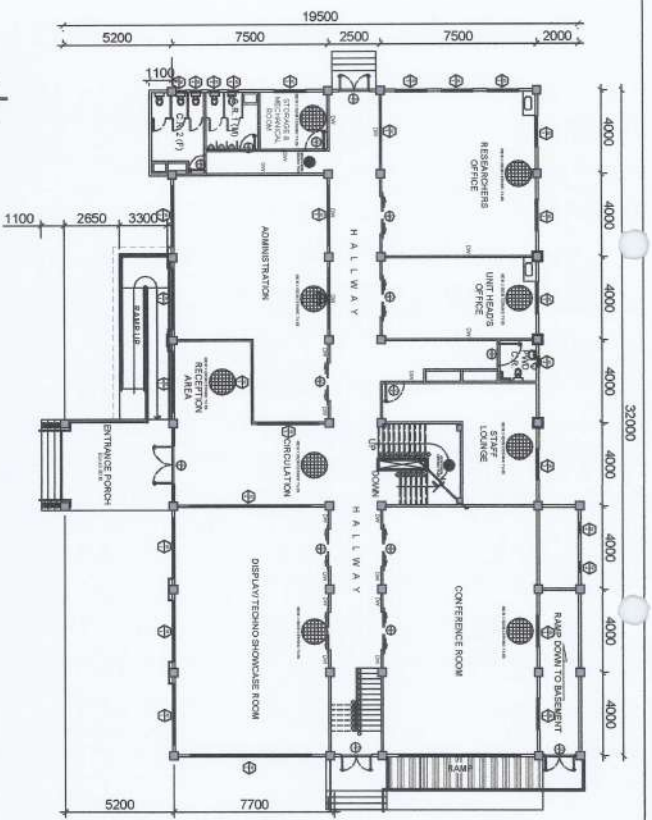
- SCOPE OF WORK:
1. Painting works for dry walls.
 2. Repainting of tubular type handrails.
 3. Cleaning and scrubbing of structures to be painted/repainted.



A SECOND FLOOR PLAN (AREA FOR PAINTING)
SCALE 1:7500

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER

 <p>NVSU NARSA VIDYAYA STATE UNIVERSITY, BANGALORE CAMPUS</p>	<p>PREPARED BY: <i>Shane Maycah G. Herrera</i> ShANE MAYCAH G. HERRERA Engineer Reg. No. - 10</p>	<p>REVIEWED AND SUBMITTED BY: <i>Trista Myelle G. Au</i> TRISTA MYELLE G. AU Engineer Reg. No. - 10</p>	<p>ANDRES M. BERLINGAN, JR. Civil, Infrastructure</p>	<p>EDMUND G. GARCIA Director, PMSIS</p>	<p>ARVIN M. MASTREROS Chief Administrator</p>	<p>RECOMMENDING APPROVAL: <i>Cano F. Vadil</i> CANO F. VADIL VP for Planning, Development and Information System</p>	<p>APPROVED BY: <i>Wilfredo A. Dumale, Jr.</i> WILFREDO A. DUMALE, JR. University President</p>	<p>SHEET NO. A 7</p>
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FIRST FLOOR PLAN (AREA FOR TILING)
 SCALE 1:250 MTS



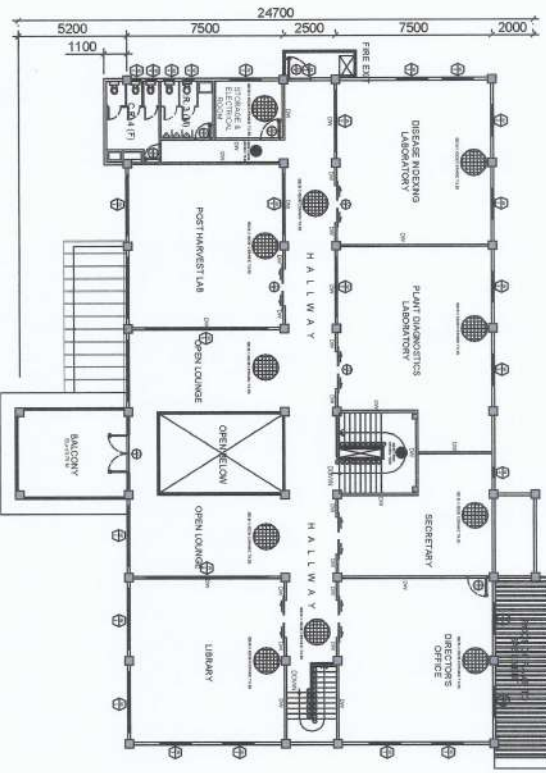
PICTURES SHOWING THE EXISTING ROOMS, HALLWAYS, AND STAIRS



PROJECT AND LOCATION:  IMPROVEMENT OF CITRUS CENTER NILEVA VIZONA STATE UNIVERSITY, BAYOMBONG CAMPUS	PREPARED BY:  SHAIME MAYCAÑ G. HERRERA Engr. (Civil Eng. - IO)	REVIEWED AND SUBMITTED BY:  ANDRES M. ABUNGAN JR. Chief Instructor	CONCURRED BY:  ARVIN BALLESTEROS Campus Administrator	RECOMMENDING APPROVAL:  DAN O. F. VADIL VP for Planning, Development and Information System	APPROVED BY:  WILFREDO A. DUMALE JR. University President	SHEET NO.: 
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NOTES:

1. Flooring shall be chipped using manual chipping.
2. All debris shall be cleaned before placing tile grout.

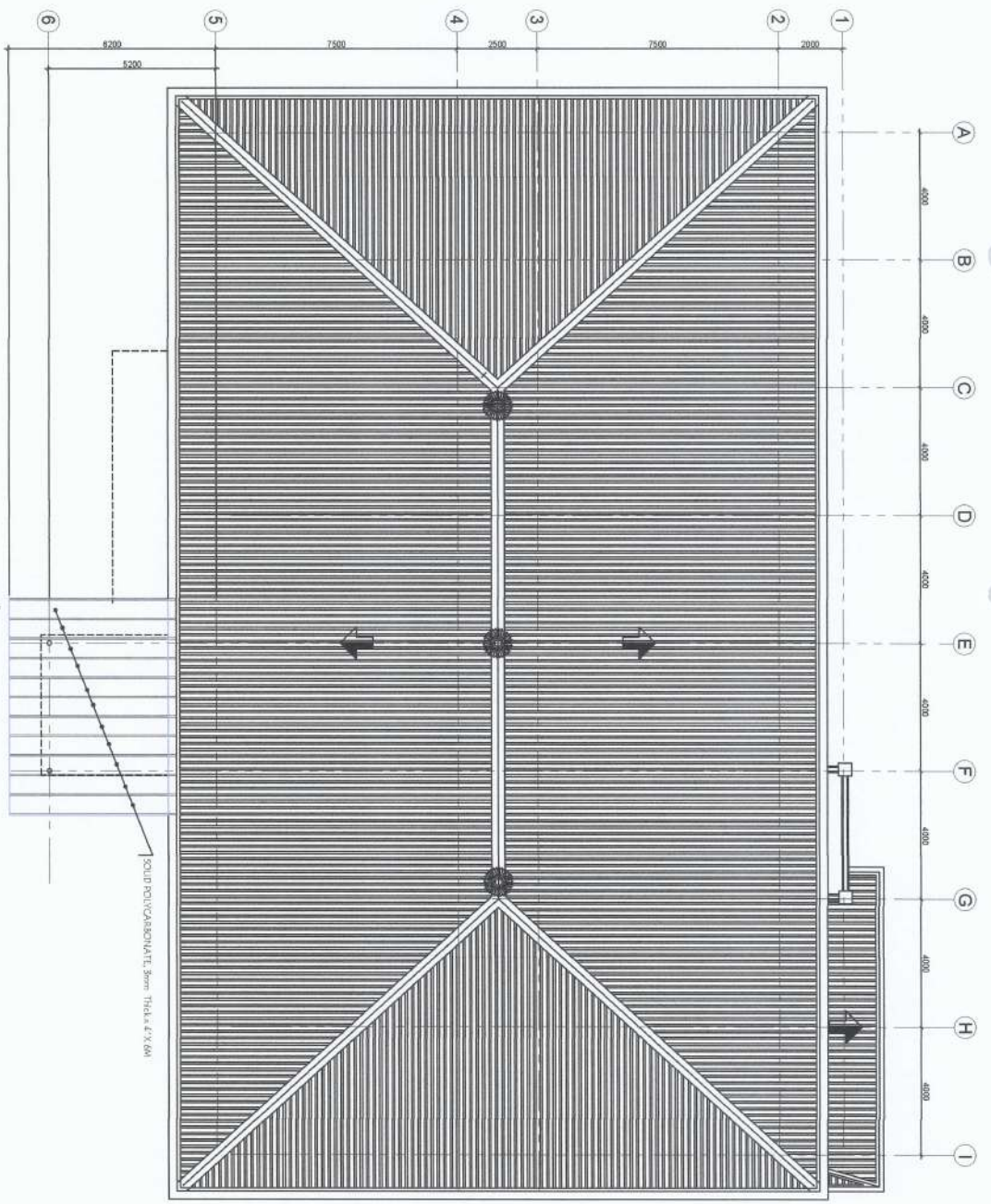


SECOND FLOOR PLAN (AREA FOR TILING)
SCALE 1:250 MTS

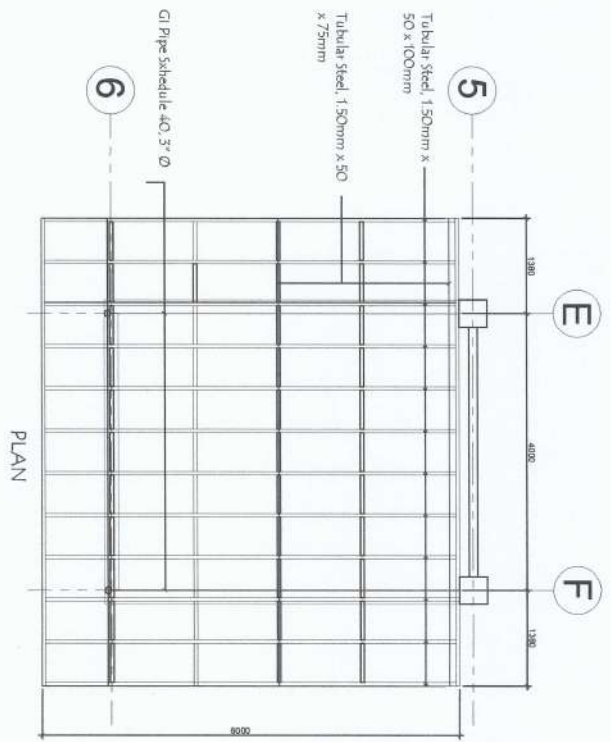
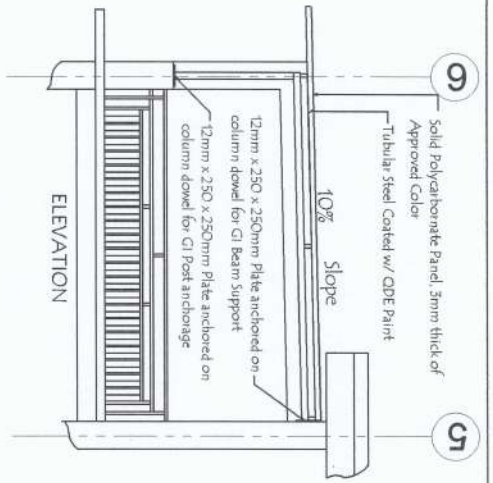


PICTURES SHOWING THE EXISTING ROOMS, HALLWAYS, AND STAIRS

<p>PROJECT AND LOCATION:</p>	<p>PREPARED BY:</p>		<p>REVIEWED AND SUBMITTED BY:</p>	<p>CONCURRED BY:</p>	<p>RECOMMENDING APPROVAL:</p>	<p>APPROVED BY:</p>	<p>SHEET NO:</p>
<p> IMPROVEMENT OF CITRUS CENTER NUSVA VIDYAYA STATE UNIVERSITY, BIVANDRABAI CAMPUS</p>	<p>SHAHINE MARYOAH G. HERRERA Engineering Asst. - JO</p>		<p>TRISTAN DANIELLE G. AU Engineering Asst. - JO</p>	<p>ANDRES M. SIBUNGAN JR. Chief Instructor</p>	<p>EDWIN ORTIZAL Director, P-2000</p>	<p>CARLO F. VADIL VP for Planning, Strategy and Information System</p>	<p>WILFREDO A. DUMALE, JR. University President</p>
<p> SCALE 1:250 MTS</p>							



ROOF PLAN
 SCALE 1:100 MTS



BALCONY POLYCARBONATE FRAMING DETAILS
 SCALE 1:50

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER NUSU
 PREPARED BY: SHANE MAYCAH G. HERRERA
 REVIEWED AND SUBMITTED BY: ANDRES M. BERANGAN JR.
 CONCURRED BY: ARVIN F. MURTEROS
 RECOMMENDING APPROVAL: CARLO F. VADIL
 APPROVED BY: WILFREDO A. DUMALE JR.
 SHEET NO. A/10



SHANE MAYCAH G. HERRERA
 Engineering Aide - JD

TRISTA JANELLE G. AU
 Engineering Aide - JD

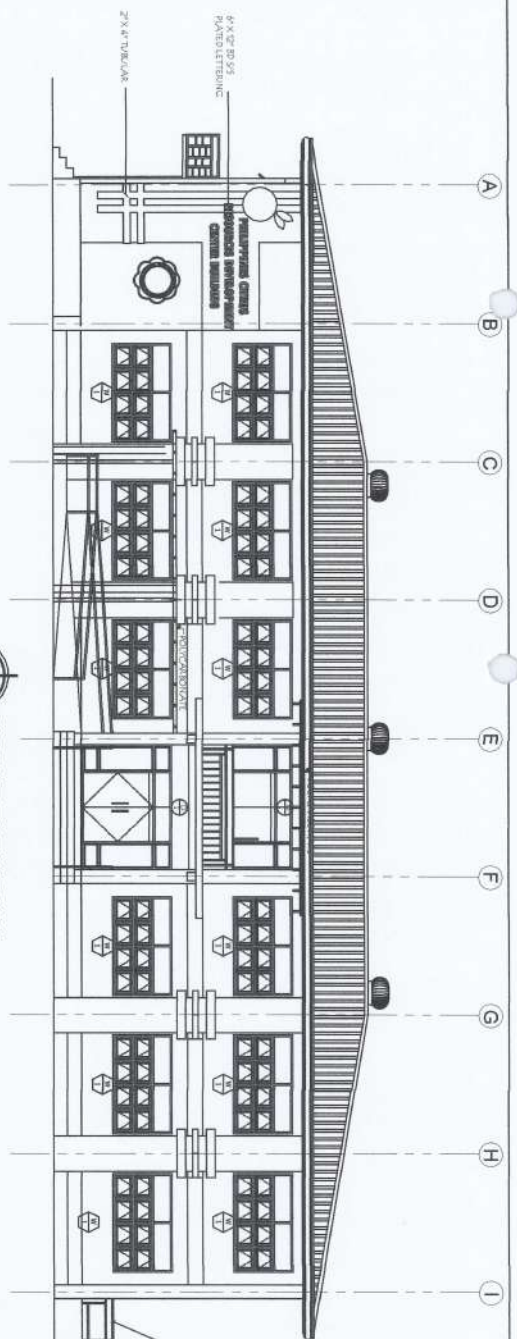
ANDRES M. BERANGAN JR.
 Chief Instructor

EDMUNDO BAL
 Drafter, PRODS

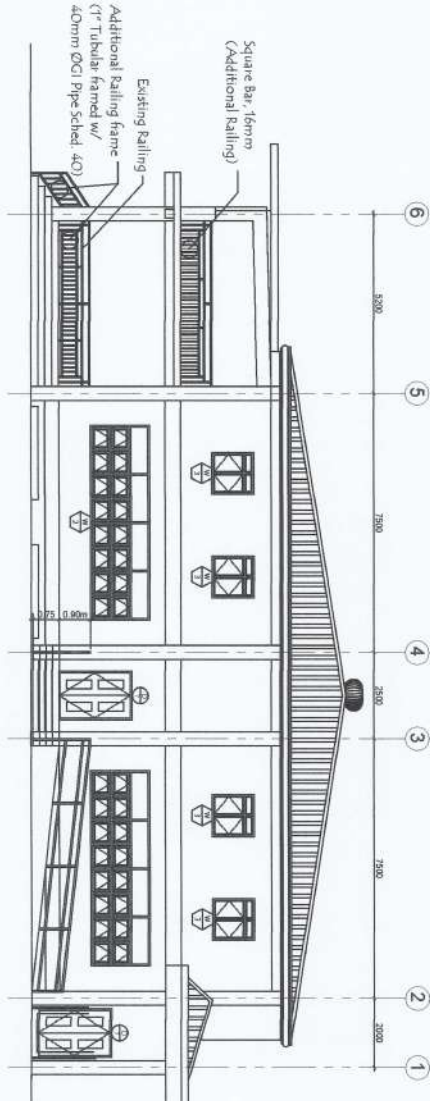
ARVIN F. MURTEROS
 Civil Administrator

CARLO F. VADIL
 VP for Planning, Development and Innovation System

WILFREDO A. DUMALE JR.
 University President

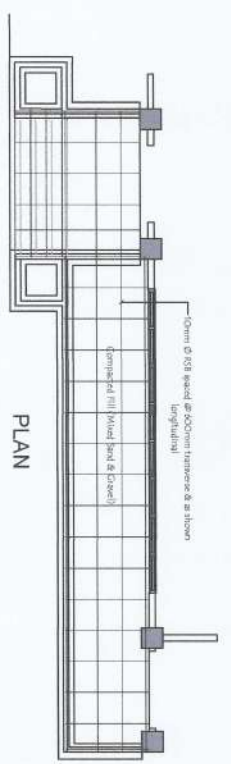
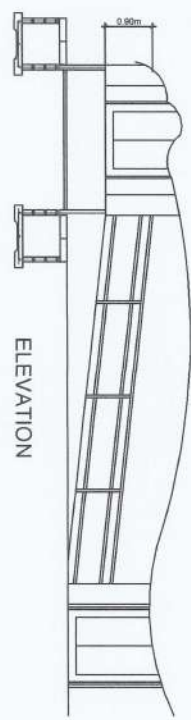


FRONT ELEVATION
SCALE 1/11
1100 MTS



RIGHT ELEVATION
SCALE 1/11
1100 MTS

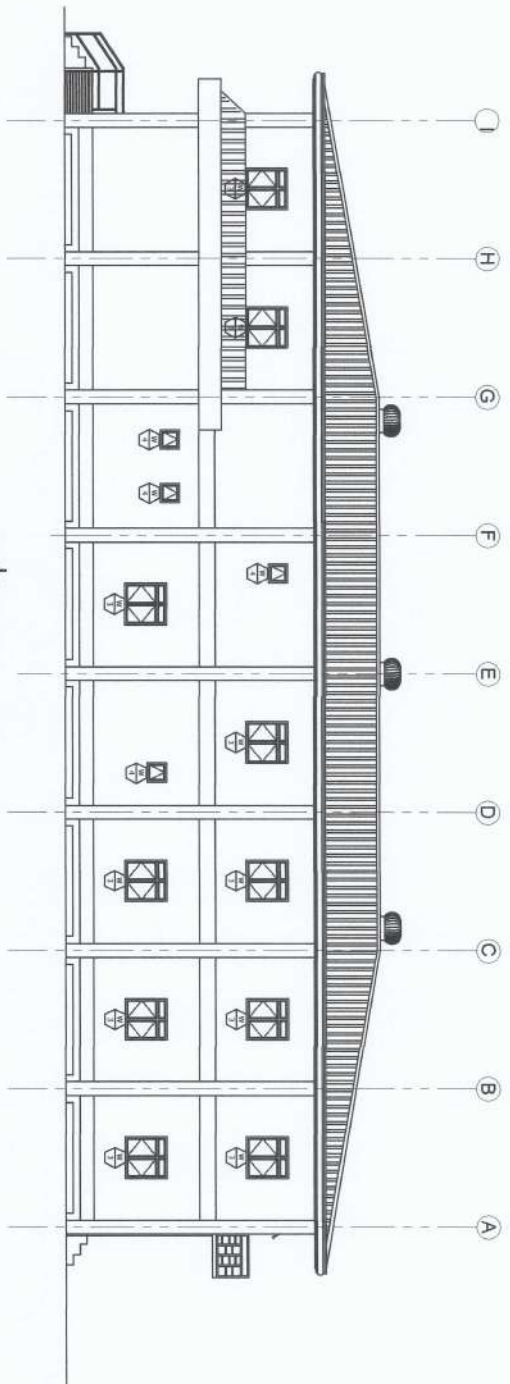
- NOTES:
- Existing second floor railings shall be inserted w/ 16mm Square Bar vertical members.
 - Railings at the ground floor entrance shall also be provided w/ additional tubular railings including at the stair.
 - Newly constructed ramp at the right side shall be provided also with railings including the stair.
 - All railing shall be coated w/ epoxy primer paint and final coated w/ ODE black.



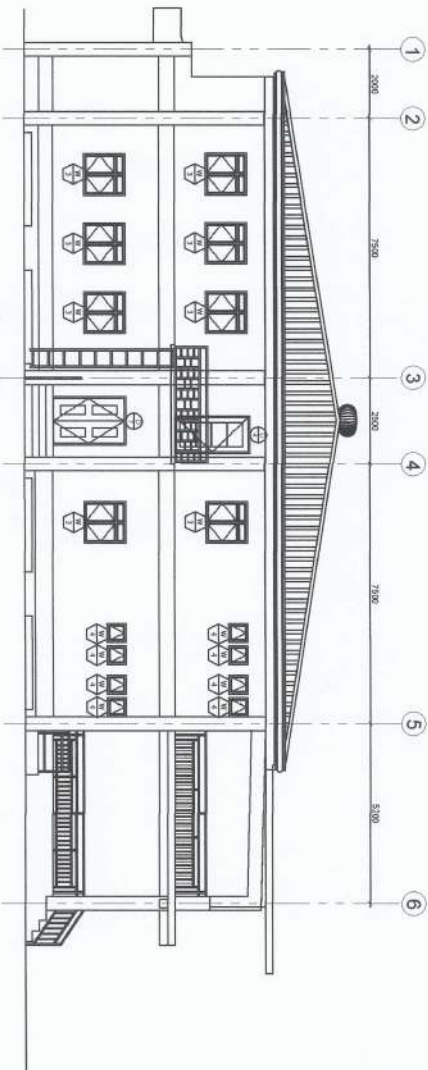
DETAIL OF RAMP AT THE RIGHT SIDE
SCALE 3/11
1150 MTS

PROJECT AND LOCATION: PREPARED BY: REVIEWED AND SUBMITTED BY: CONCURRED BY: RECOMMENDING APPROVAL: APPROVED BY: SHEET NO:

IMPROVEMENT OF CITRUS CENTER
 SHANE M. MICALI G. HERRERA, TRISTIA MARIELLE G. AU, ANDRES M. ASSUNGAN JR., EDSON S. SOLLA, ARVIN B. MURISTEROS, CARL O. F. VADIL, WILLFREDO A. DUMALE, JR.
 NV/SU
 NUEVA VIZAYA STATE UNIVERSITY, BAYOMBONG CAMPUS



REAR ELEVATION
SCALE 1/12



LEFT ELEVATION
SCALE 1/12

PROJECT AND LOCATION:



**IMPROVEMENT
OF CITRUS CENTER**
NEUA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS

PREPARED BY:

SHAINIE MACAHIG, HERRERA
Engineering Adv. - JD

REVIEWED AND SUBMITTED BY:

TRISTAN ANIELLE G. AU
Engineering Adv. - JD

ANDRES M. SALUNGAN JR.
Chief Architect

EDWARD B. SORIANO
Director, PRCSSS

CONCURRED BY:

ARVIN M. MASTERTOS
Finance Administrator

RECOMMENDING APPROVAL:

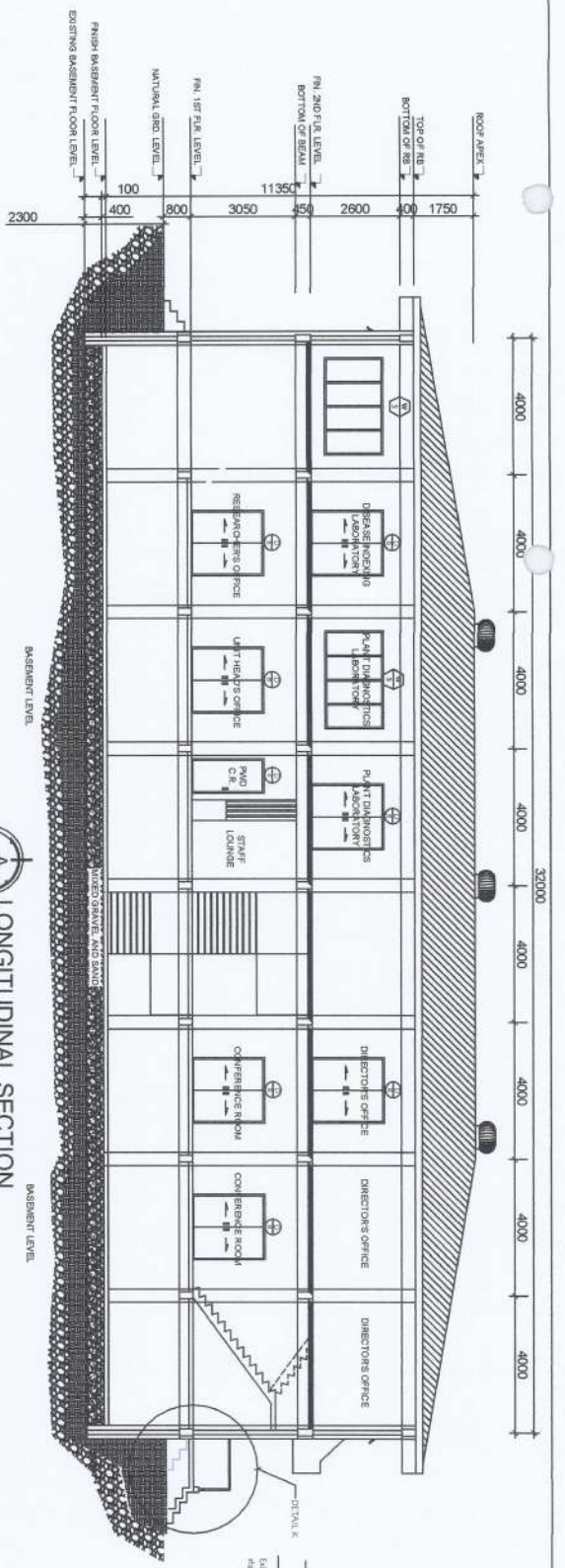
FRANCO F. VAOL
UP for Planning, Development and Information System

APPROVED BY:

WILFREDO A. DUMALE JR.
University President

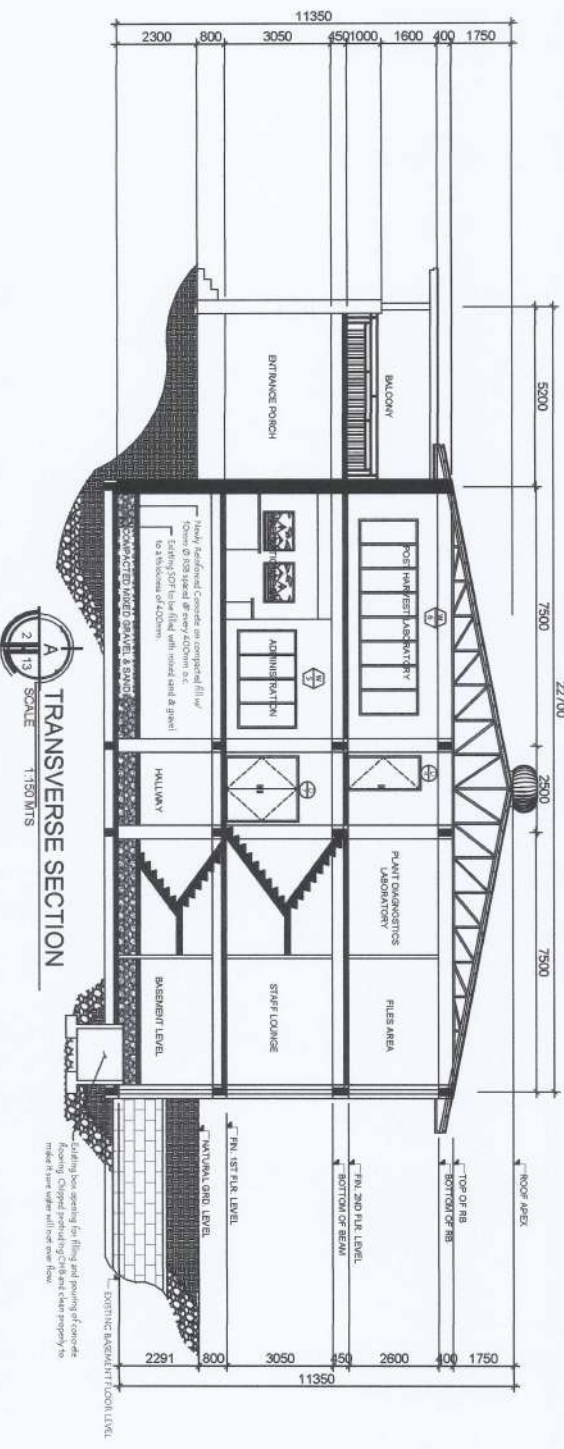
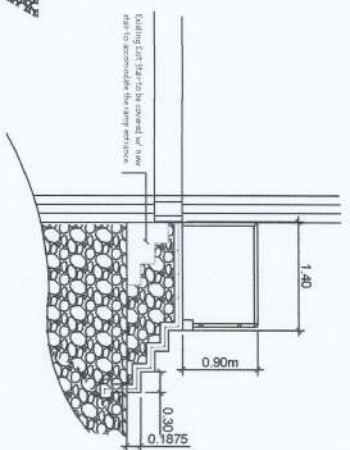
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A LONGITUDINAL SECTION
SCALE 1:150 MTS

A DETAIL K
SCALE DNTS



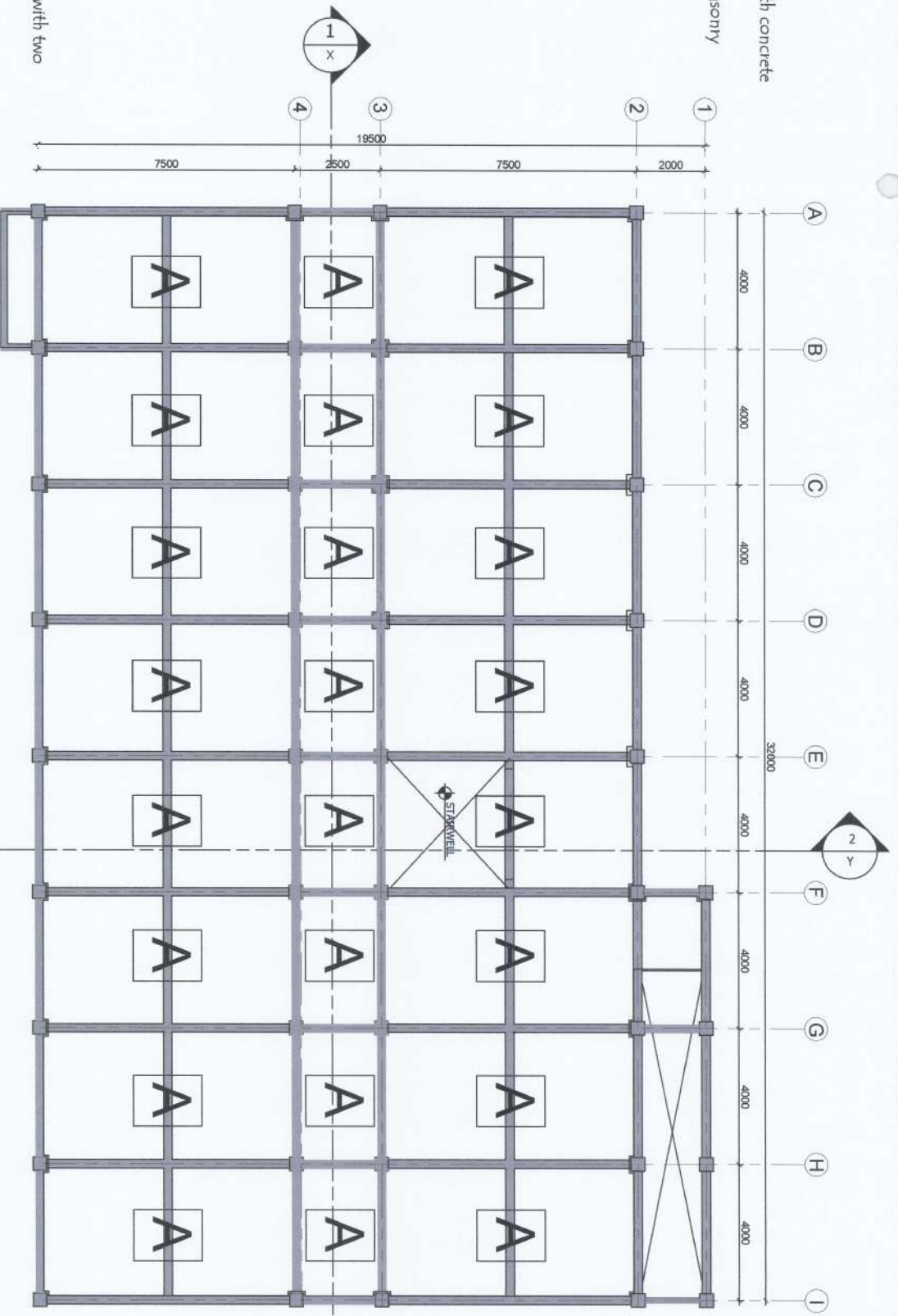
A TRANSVERSE SECTION
SCALE 1:150 MTS

Existing slab opening for filling and pouring of concrete. Existing concrete retaining walls and clear property to remain in place upon full ramp extension.

PROJECT AND LOCATION:	IMPROVEMENT OF CITRUS CENTER NUSU NUSU WIZAYA STATE UNIVERSITY, BANOWANGI CAMPUS						
PREPARED BY:	SHAINE MACHA G. HERRERA Engineering Asst. - IO	TRISTA JANELLE G. AU Engineering Asst. - IO	ANDRES D. MANSANGAN JR. Chief Instructor	EDWIN B. BAYAL Director, PRODS	ARVIN M. MASTRISTEROS Chief Administrator	CAN O. E. VADIL VP of Planning, Development and Information System	WILFREDO A. DUMALE JR. University President
REVIEWED AND SUBMITTED BY:							
CONCURRED BY:							
RECOMMENDING APPROVAL:							
APPROVED BY:							
SHEET NO.:	A 13						

- NOTES:
1. All exposed RSB shall be coated with concrete epoxy before applying paints.
 2. All surface shall be applied with masonry putty.

- SCOPE OF WORK:
1. Complete painting works.
 2. Liquid Waterproofing
 3. Cement Waterproofing



LEGEND:

A - Concrete finished painted with two coating of flat latex.

A BASEMENT REFLECTED CEILING PLAN
SCALE 1:125

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER

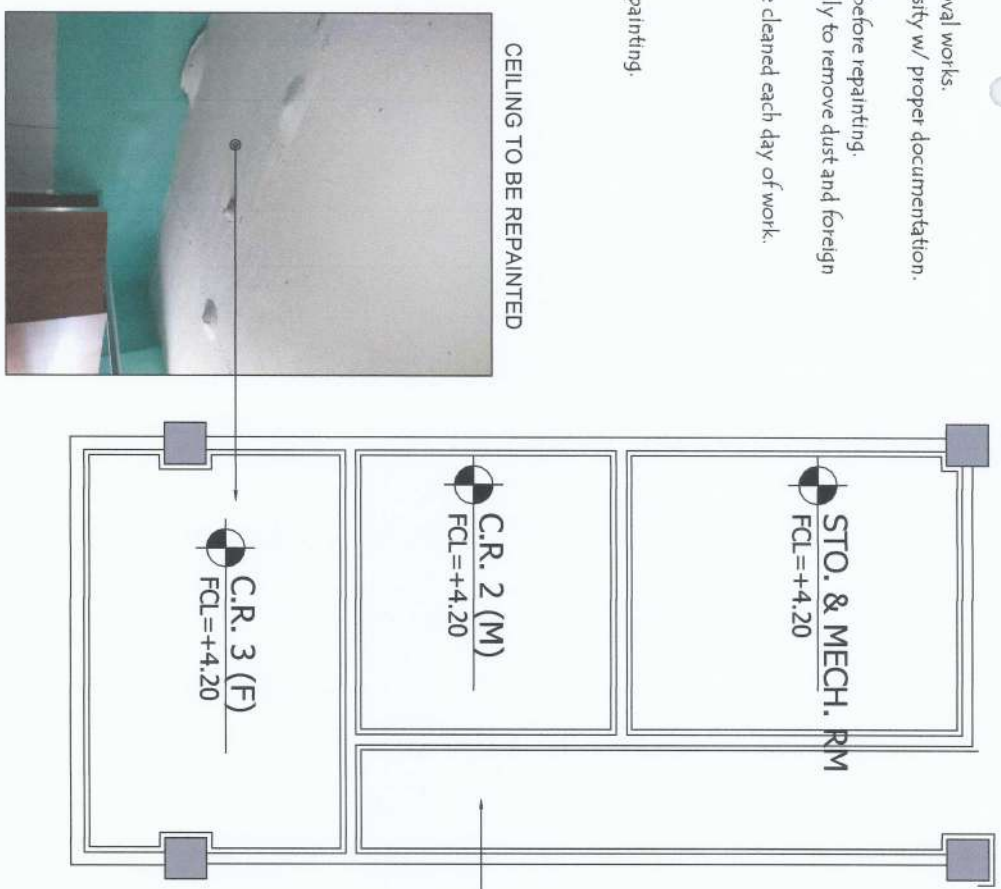
 NISRA USZAMA STATE UNIVERSITY, BAYOMBANG CAMPUS	PREPARED BY: SHAINA MANOAH G. HERRERA Engineering Aide - JO	TRISTIA MANUELLE G. AU Engineering Aide - JO	REVIEWED AND SUBMITTED BY: ANDRES M. ARBUNGAN JR. Chief Instructor	EDWIN B. MARIL Director, PROCS	ARVIN B. MANSERENOS Citrus Administrator	RECOMMENDING APPROVAL: CARLO F. VADIL VP for Planning, Development and Information System	APPROVED BY: WILFREDO A. DUMALE, JR. University President	SHEET NO. A 14
	      							

CEILING NOTES:

1. Provide engineering control before doing any removal works.
2. All salvage materials shall be turnover to the university w/ proper documentation. Nothing is allowed for use of the contractor.
3. Apply masonry putty on the specified ceiling areas before repainting.
4. Ceiling area shall be cleaned and scrubbed thoroughly to remove dust and foreign objects before applying paint.
5. All existing waste and to be generated waste shall be cleaned each day of work.

SCOPE OF WORK:

1. Repainting of specified ceiling areas.
2. Cleaning and scrubbing of existing paints before repainting.



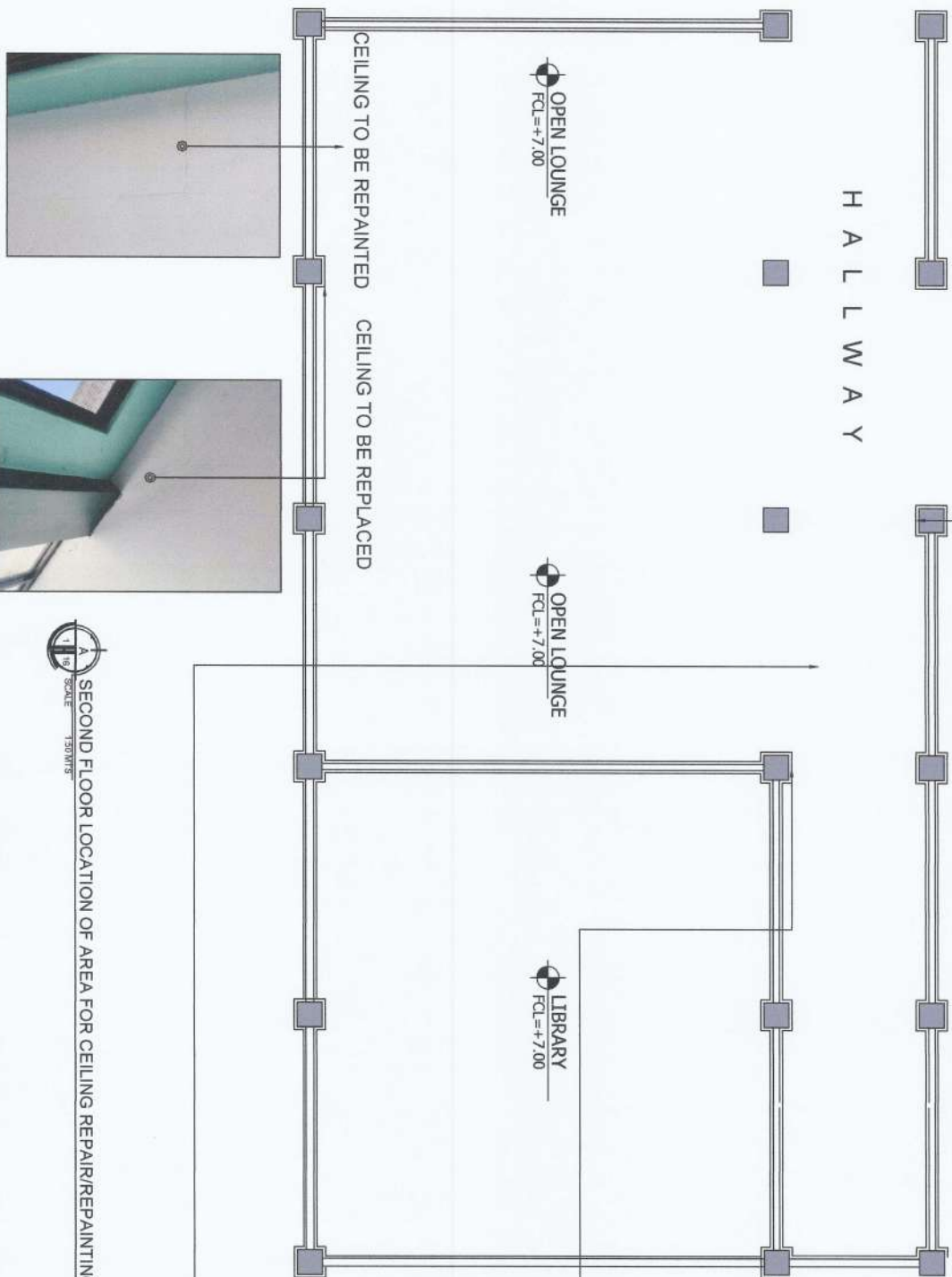
FIRST FLOOR LOCATION OF AREA FOR CEILING REPAINTING

<p>PROJECT AND LOCATION:</p>	<p>PREPARED BY:</p>	<p>REVIEWED AND SUBMITTED BY:</p>	<p>CONCURRED BY:</p>	<p>RECOMMENDING APPROVAL:</p>	<p>APPROVED BY:</p>	<p>SHEET NO.</p>
<p>IMPROVEMENT OF CITRUS CENTER <small>NEWVA VICIANA STATE UNIVERSITY - DAVOUMBONG CAMPUS</small></p>	<p>SHAINÉ MARYSAH B. HERRERA <small>Engineering Arch - JO</small></p> <p>TRISTAN ANIELLE G. AU <small>Engineering Arch - JO</small></p>	<p>ANDRES W. SABUNGAN JR. <small>Chief In-charge</small></p> <p>EDWIN SAKAL <small>Officer, PRCSS</small></p>	<p>ARVIN F. BRUNESTEROS <small>Facilities Administrator</small></p>	<p>CAROL F. VADIL <small>VP for Planning, Development and Information System</small></p>	<p>WILFREDO A. DOMALIN JR. <small>University President</small></p>	<p>A 15</p>

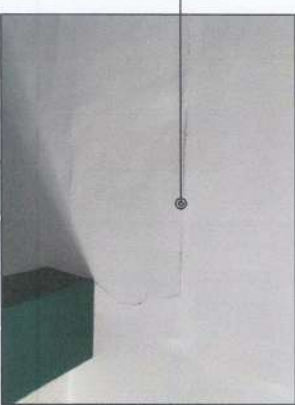
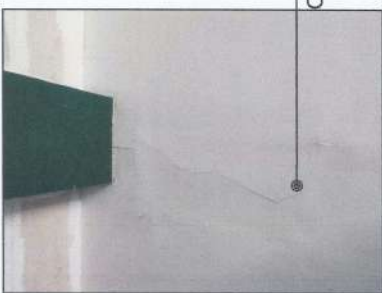
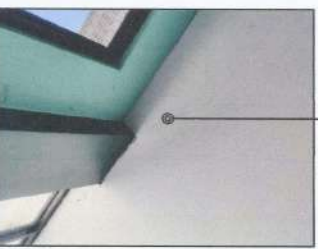
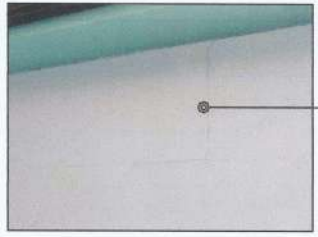
SCOPE OF WORK:
 1. Replacement and repainting of specified ceiling areas.

CEILING TO BE REPLACED

HALLWAY



SECOND FLOOR LOCATION OF AREA FOR CEILING REPAIR/REPAINTING



PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER



Nueva Vizcaya State University - Bayombong Campus

SHANE MANCAB & HERRERA
 Engineers/Architects

TRISTIA JANELLE G. AU
 Engineering Architect

ANDRES M. SANJUNGAN JR.
 Chief, Infrastructure

EDWIN B. BRUAL
 Director, PSCSIS

ARVIN M. MASTREROS
 Campus Administrator

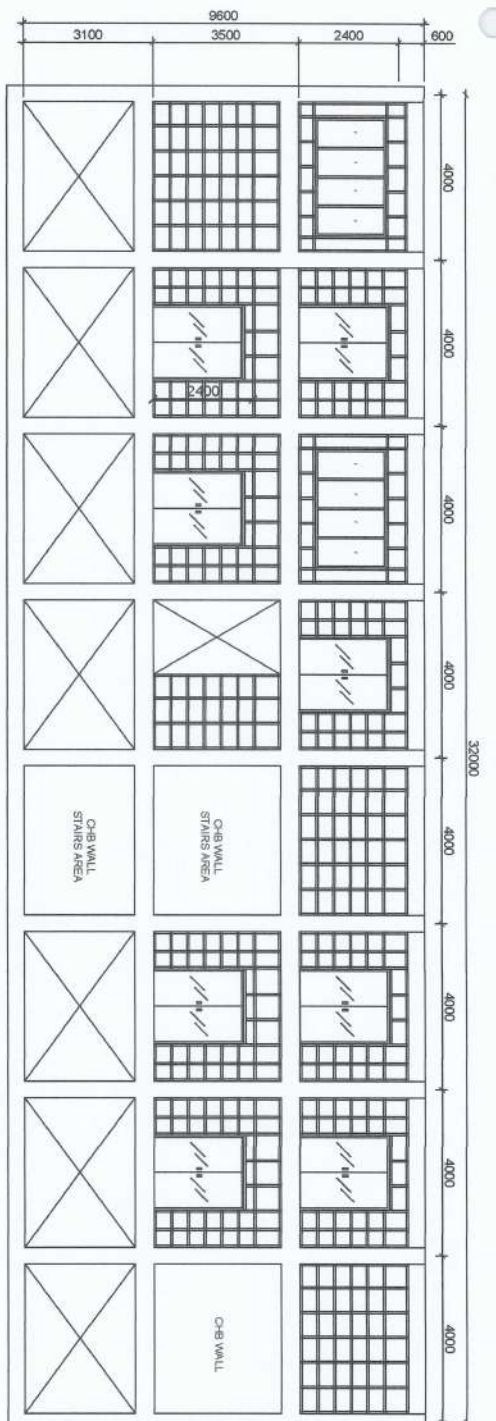
ZARDO F. VADIL
 Officer Planning, Development and Information System

WILFREDO A. DOMANE, SR.
 University President

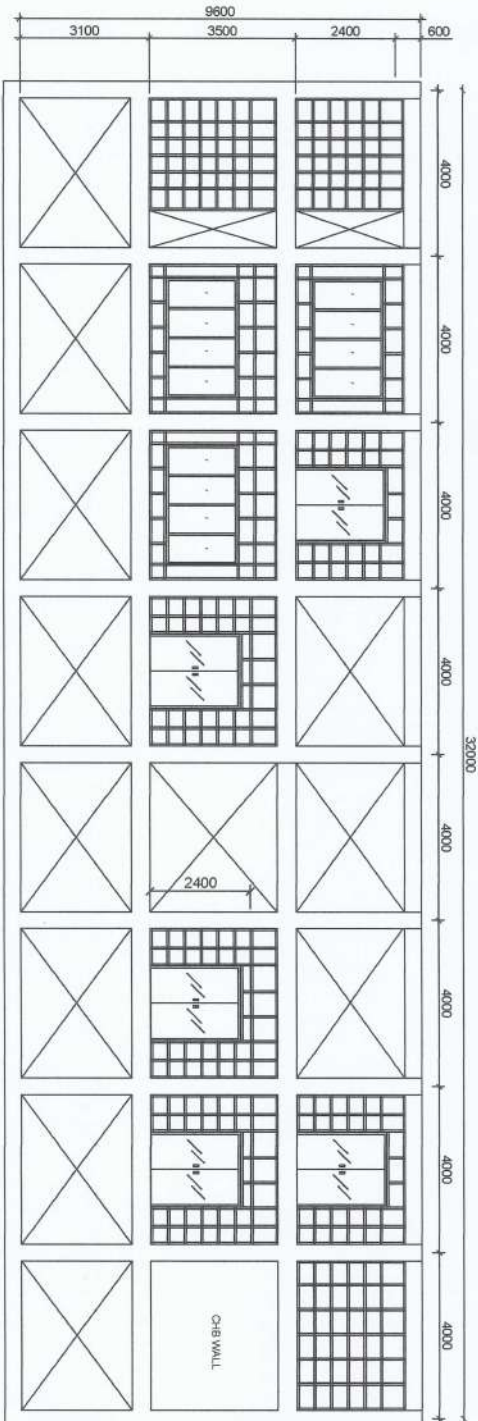
- NOTES:
1. Drywalls shall be cleaned thoroughly before painting.
 2. All excess materials shall be turned over to the University thru the Infrastructure section office.

SCOPE OF WORK:

Painting works for drywalls.



A
1 17
SCALE 1:125 MTS
DRYWALL/CHB PARTITIONS ALONG GRID "3-(A-1)"



A
2 17
SCALE 1:125 MTS
DRYWALL/CHB PARTITIONS ALONG GRID "4-(A-1)"

PROJECT AND LOCATION:

PREPARED BY:

REVIEWED AND SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO.:



NVSU

IMPROVEMENT
OF CITRUS CENTER

SHAINÉ MARYCASH G. HERRERA
Engineering Asst. - IO

TRISTIA DANIELLE G. AU
Engr. - Arch. Asst. - IO

ANDRES M. SABANGAN JR.
Chief Infrastructure

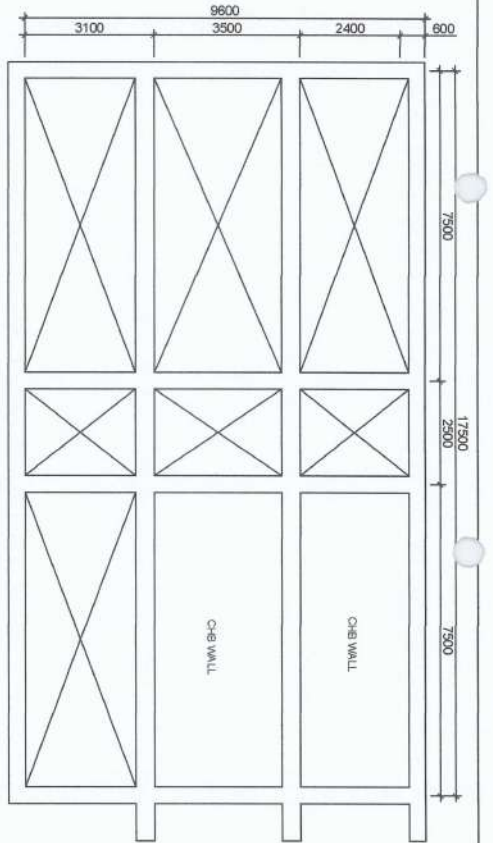
EDWIN B. BAYAL
Director, PRCDS

ARVIN F. WALLISTEROS
Chief Administrator

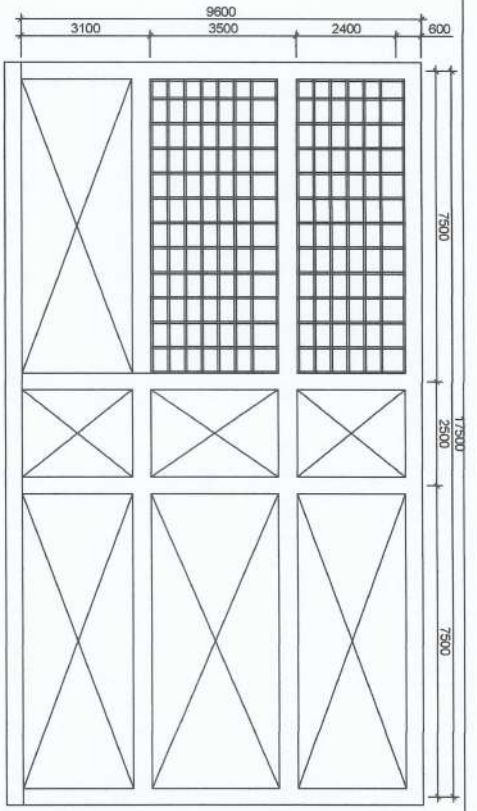
CHARLOTTE F. VADIL
VP for Planning, Academic and Innovation System

WILFREDO A. DOMALE JR.
University President

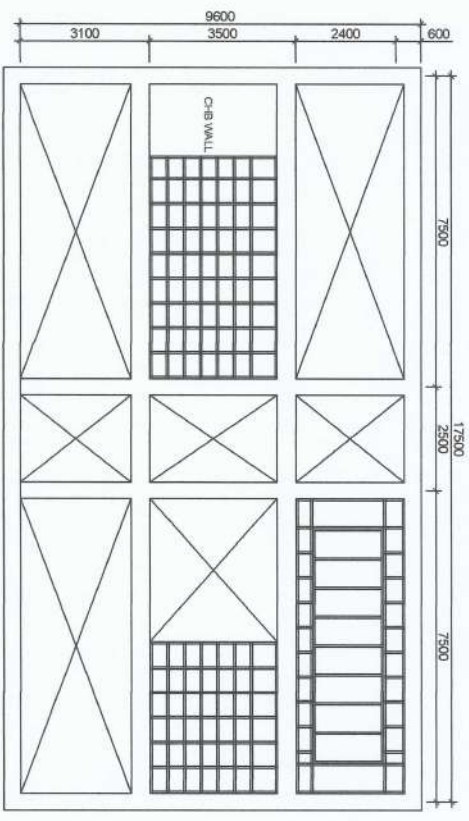
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17



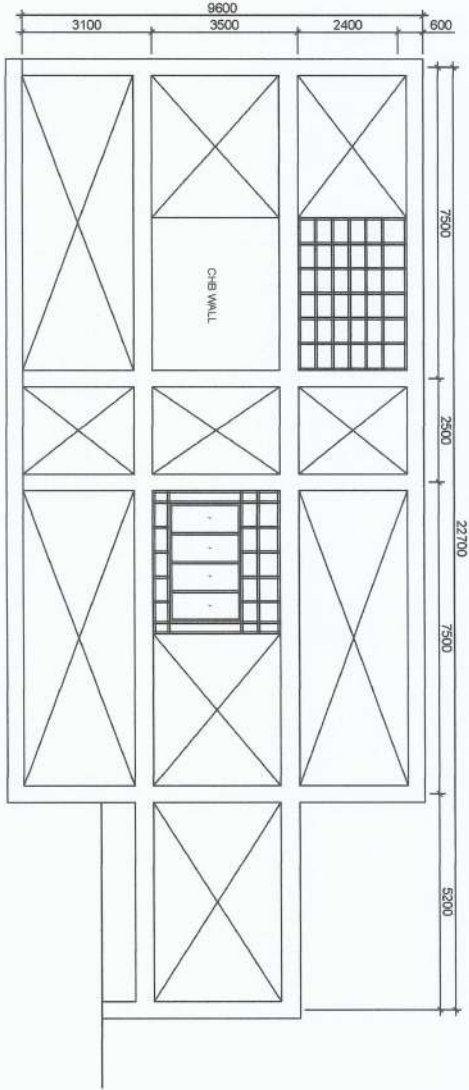
A
 1/18 SCALE
 DRYWALL/CHB PARTITIONS ALONG GRID "B-(2-5)"



A
 2/18 SCALE
 DRYWALL/CHB PARTITIONS ALONG GRID "C-(2-5)"



A
 3/18 SCALE
 DRYWALL/CHB PARTITIONS ALONG GRID "D-(2-5)"



A
 4/18 SCALE
 DRYWALL/CHB PARTITIONS ALONG GRID "E-(2-6)"

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER



NUEVA VIZCAYA STATE UNIVERSITY - BAYPONDADO CAMPUS

PREPARED BY:

SHAINA MYCH G. HERRERA
 Engineering Role - IO
 TRISTIA JANELLE G. AU
 Engineering Role - IO

REVIEWED AND SUBMITTED BY:

ANDRES M. ABUNGAN JR.
 Chief Inspector
 EDWIN B. BARRAL
 Designer - PROCS

CONCURRED BY:

ARVIN M. MASTEROS
 Site Administrator

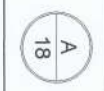
RECOMMENDING APPROVAL:

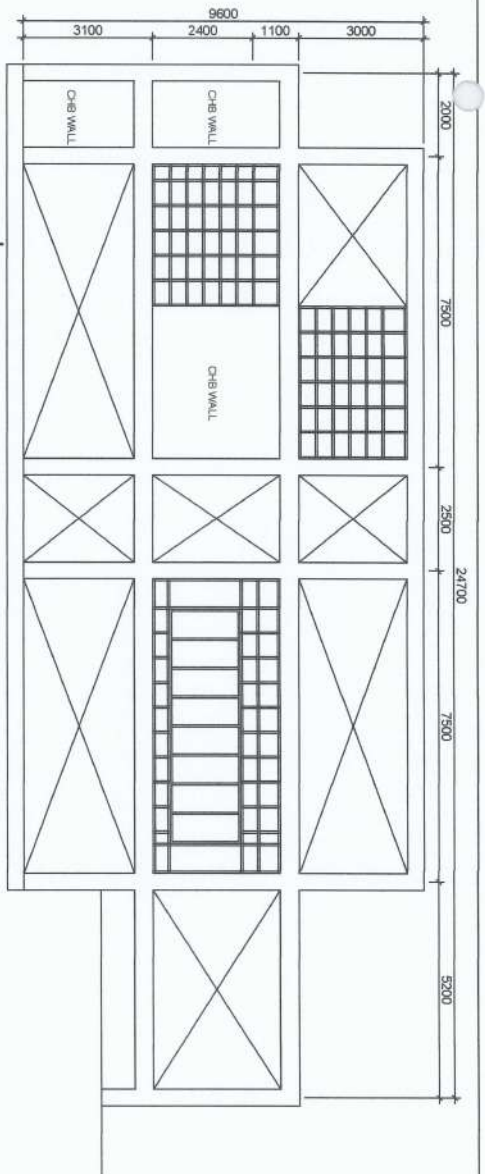
CAROL F. VADIL
 VP for Planning, Development and Information System

APPROVED BY:

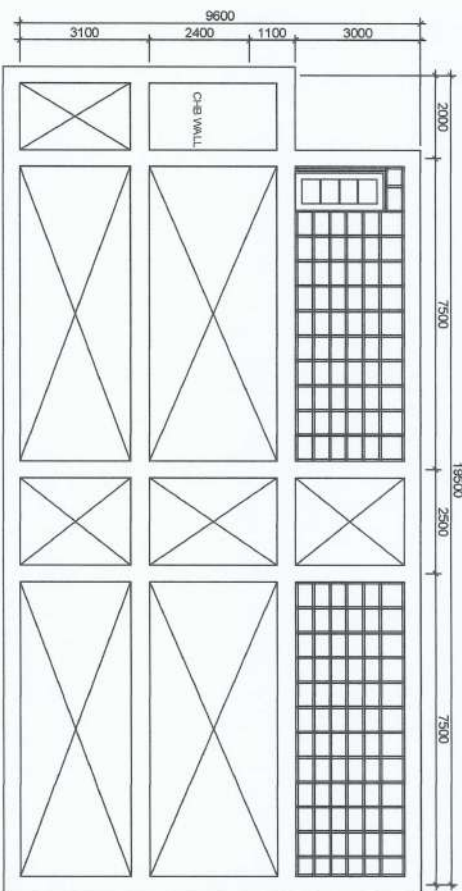
WILFREDO A. DUMALE, JR.
 University President

SHEET NO.





DRYWALL/CHB PARTITIONS ALONG GRID "F-(1-6)"
SCALE 1:125 MTS



DRYWALL/CHB PARTITIONS ALONG GRID "G-(1-5)"
SCALE 1:125 MTS

PROJECT AND LOCATION:

IMPROVEMENT
OF CITRUS CENTER

NUSU VICEMIA STATE UNIVERSITY - LAMPUNGAN CAMPUS

PREPARED BY:

SHAINA MARYCAH S. HERRERA
Engineering Aide - 2^o

TRISTIA LAINELLE G. AU
Engineering Aide - 1^o

REVIEWED AND SUBMITTED BY:

ANDRES M. SABUNGAN JR.
Chief Instructor

EDMOND B. BAKAL
Declarer, PRCDS

CONCURRED BY:

ARVIN M. MAESTEROS
Vice-Dean Administrator

RECOMMENDING APPROVAL:

CARLO F. VADIL
VP for Planning, Development and Information System

APPROVED BY:

WILFREDO A. DUMALE JR.
University President

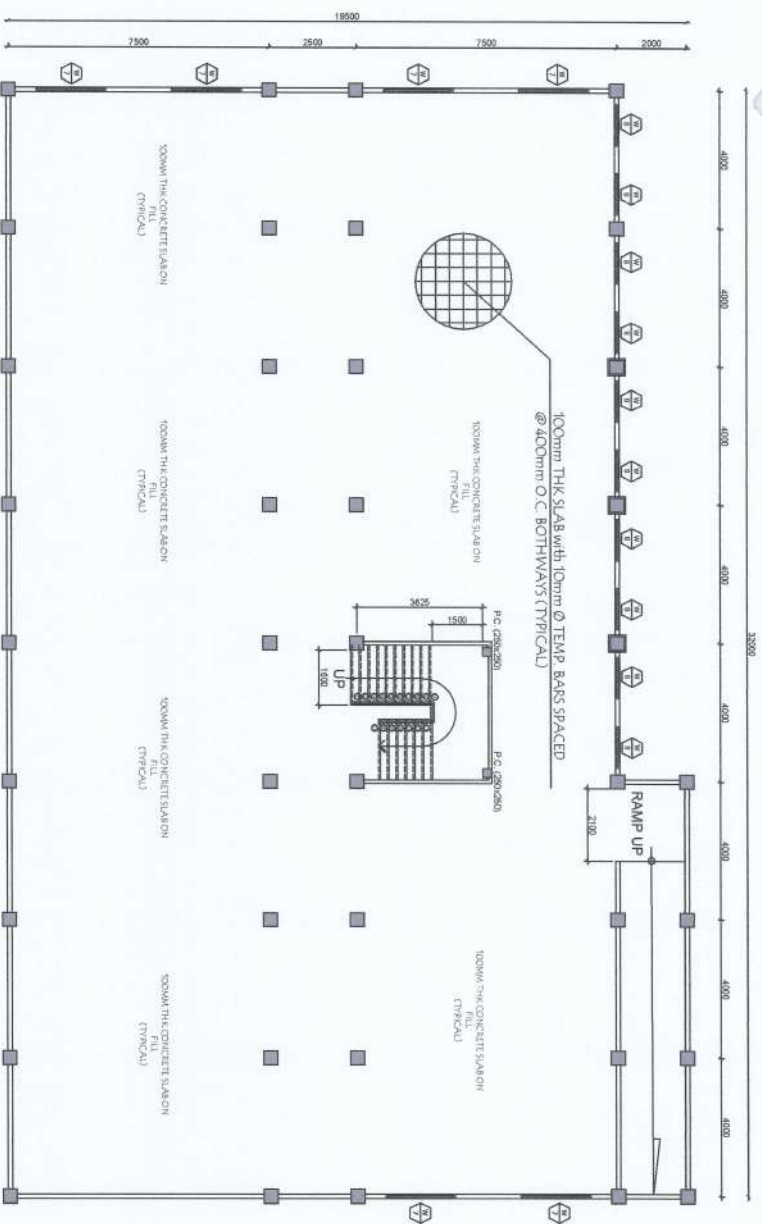
SHEET NO.:

A
19

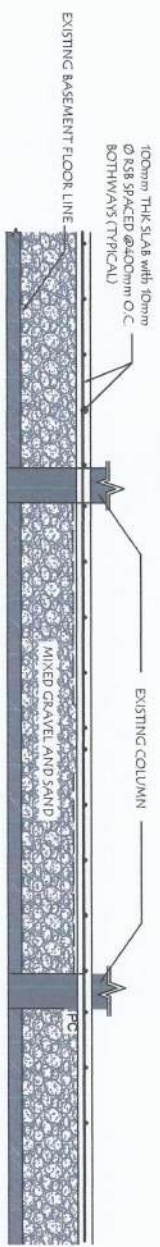


NVSU

- NOTES:
1. Fill the whole floor area with mixed sand and gravel @400mm thick and shall be compacted.
 2. Install reinforcing steel bar @400mm bothways.
 3. Prepare and install concrete spacer on the RSB.

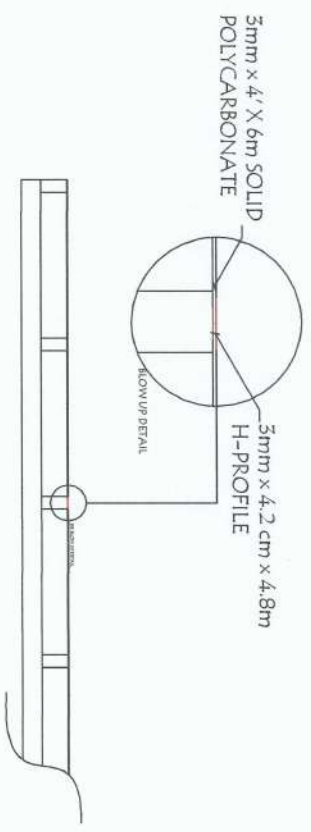
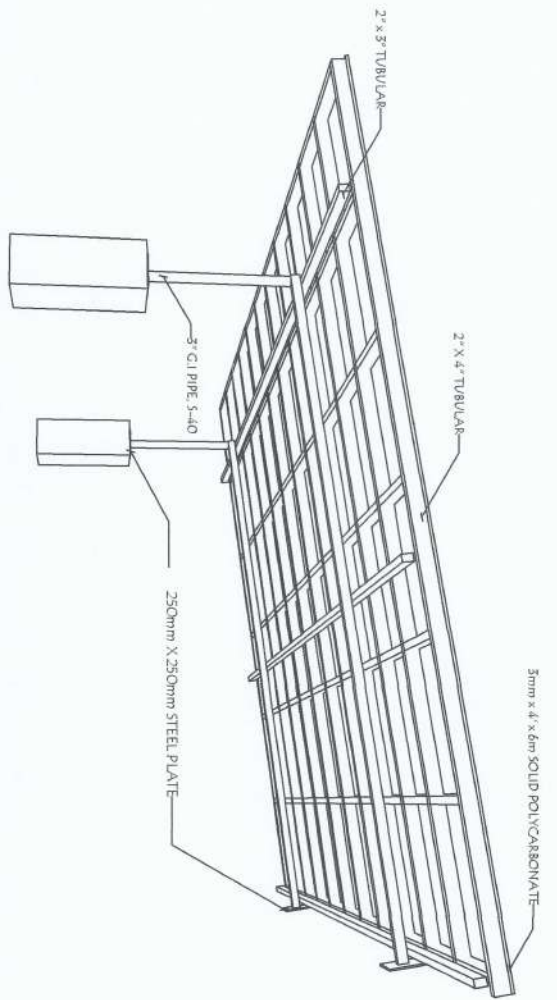
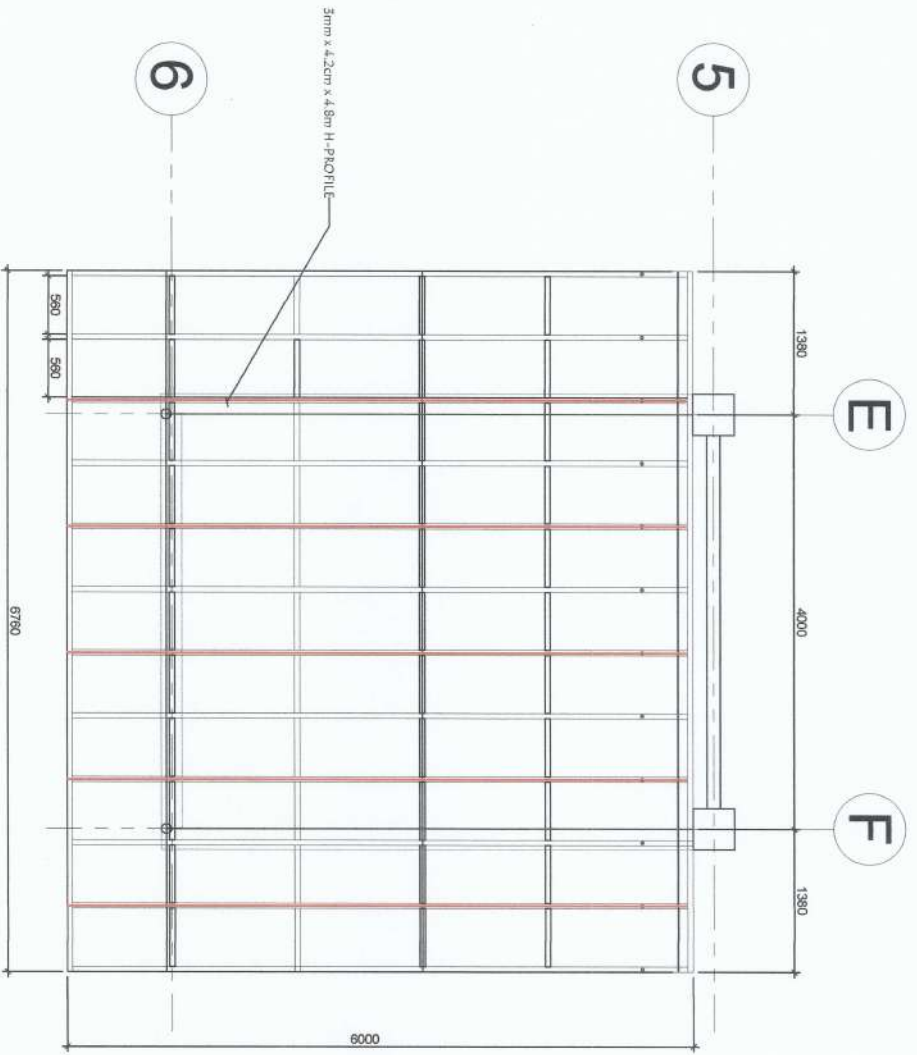


BASEMENT FLOOR PLAN
SCALE 1:100 MTS



BASEMENT FLOOR DETAILS
SCALE 1:100 MTS

<p>PROJECT AND LOCATION:</p> <p>IMPROVEMENT OF CITRUS CENTER</p> <p>NLSU NIGRA VECZAW STATE UNIVERSITY, BAWANGONG CAMPUS</p>	<p>PREPARED BY:</p> <p>SHAINA MAÑASANI HERRERA Engineering Prof. JD</p> <p>TRISTAN DANIELLE G. AU Engineering Prof. JD</p>	<p>REVIEWED AND SUBMITTED BY:</p> <p>ANDRES M. SORDANAN JR. Chief, Infrastructure</p> <p>EDGAR S. GARCIA Chief, P/OS</p>	<p>CONCURRED BY:</p> <p>ARVIN P. ESTEROS Chief, Administration</p>	<p>RECOMMENDING APPROVAL:</p> <p>OSCARO F. VADIL VP for Planning, Development and Information System</p>	<p>APPROVED BY:</p> <p>MILFREDO A. DUMALAC JR. University President</p>	<p>SHEET NO.</p> <p>S 1</p>
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- NOTES:
1. ENSURE CORRECT SPACING OF 13mm BETWEEN REST OF H-PROFILES.
 2. SCREW TO FASTEN THE H-PROFILES.

BALCONY POLYCARBONATE ROOFING DETAILS
SCALE 1:50 MTS

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER NUBA WIZYANA STATE UNIVERSITY, BAYONGONG CAMPUS

PREPARED BY:

REVIEWED AND SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO:



IMPROVEMENT OF CITRUS CENTER
NWSU NUBA WIZYANA STATE UNIVERSITY, BAYONGONG CAMPUS

SHAINA MAYCAH G. HERRERA
Engr. (Mech. Elec. - IO)

TRISTA JANELLE G. AU
Engr. (Mech. Elec. - IO)

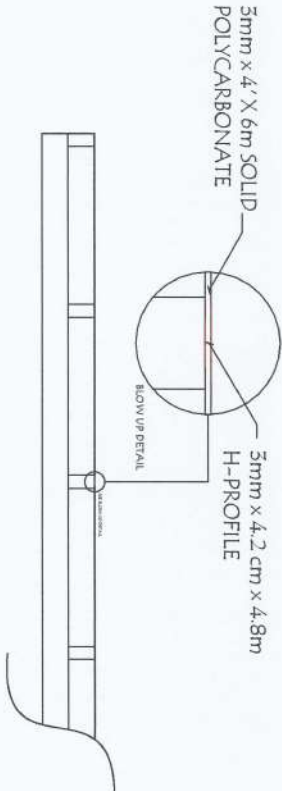
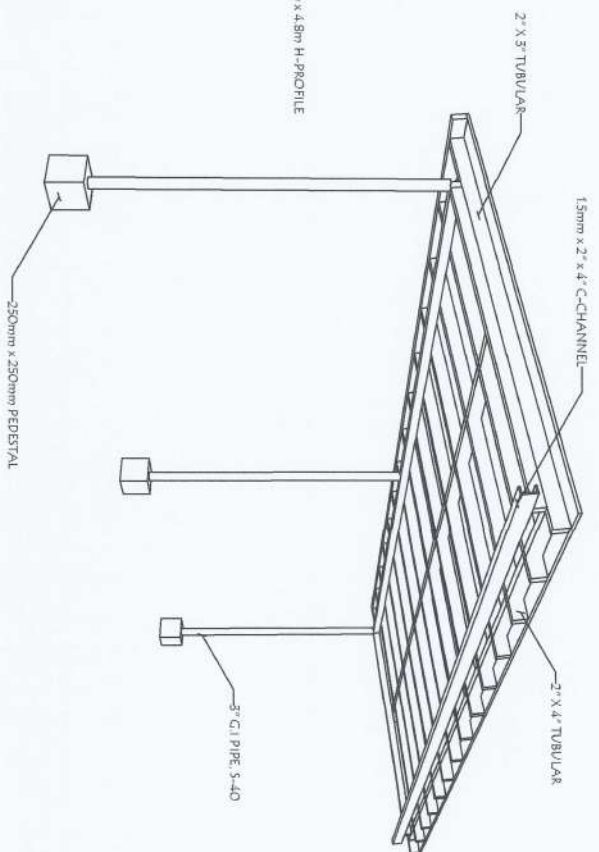
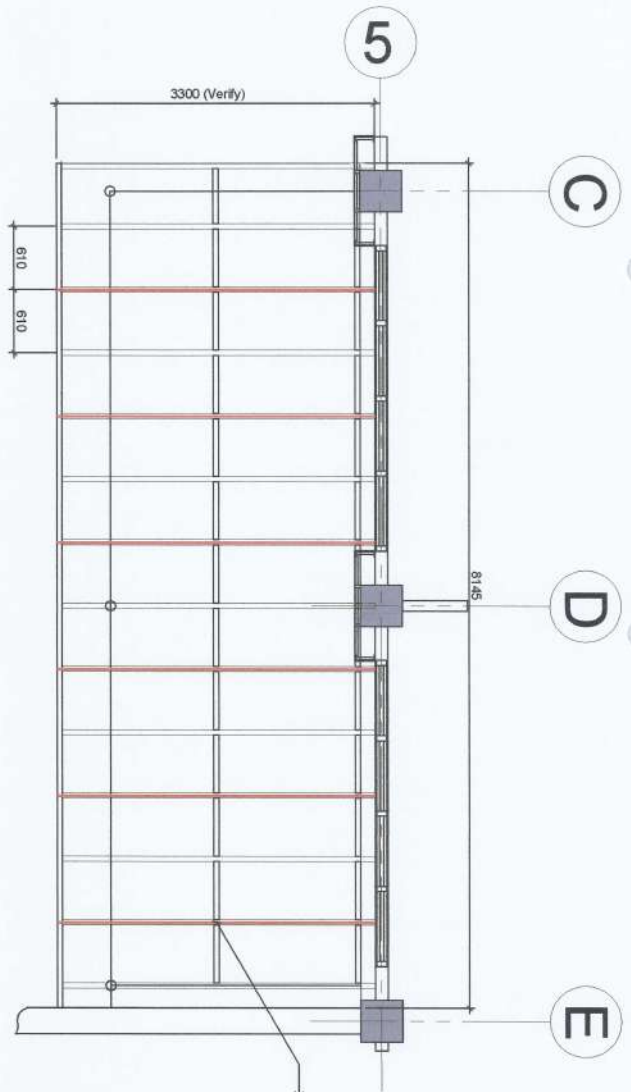
ANDRES M. BERGANGAN JR.
Prof. (Instructor)

EDGARDO S. SANTIAGO
Div. (Div. Prof.)

ARVIN J. WALLESTEROS
Off. (Off. Admin.)

CARNO F. VADIL
VP for Planning, Development and Information System

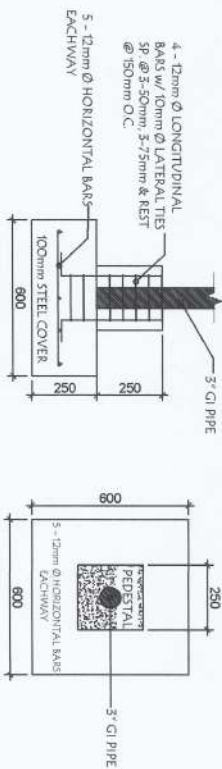
WILFREDO A. DUMALE JR.
University President



- NOTES:
1. ENSURE CORRECT SPACING OF 15mm BETWEEN REST OF EXTENSION PROFILES.
 2. SCREW TO FASTEN THE EXTENSION PROFILES.

RAMP POLYCARBONATE ROOFING DETAILS

 SCALE 1:50 MTS



G.I. PIPE FOOTING PLAN

 SCALE 1:20 MTS

PROJECT AND LOCATION:

PREPARED BY:

REVIEWED AND SUBMITTED BY:

CONCURRED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO.



**IMPROVEMENT
OF CITRUS CENTER**
NEVA VIZCAYA STATE UNIVERSITY - BAYOMBONG CAMPUS

SHANE MANCASH S. HERRERA
Engineering Aide - IO

TRISTA JANILLE G. AU
Engineering Aide - IO

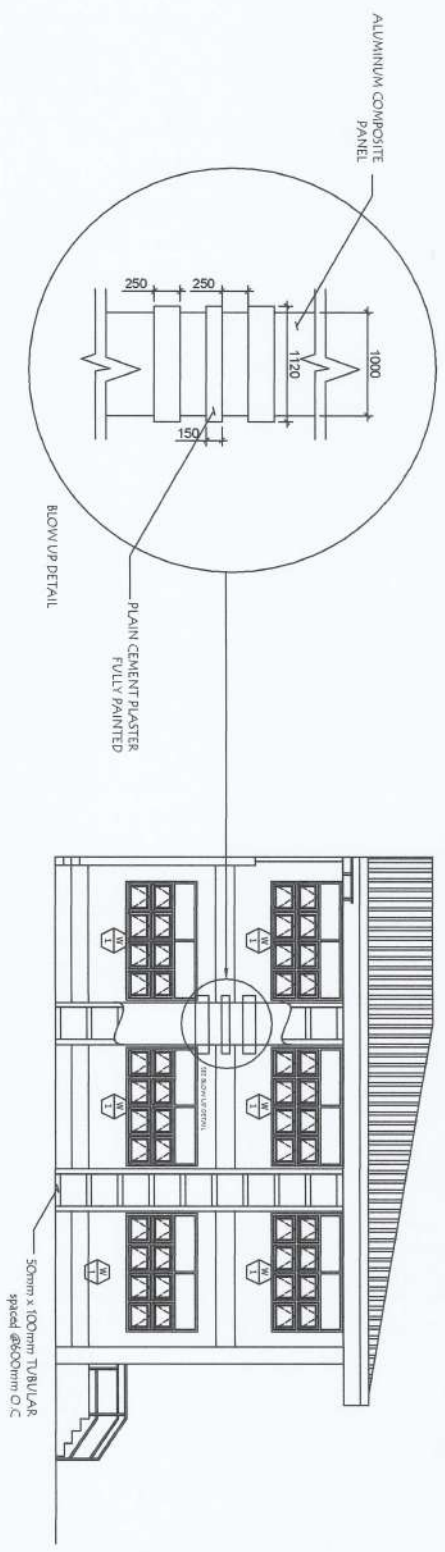
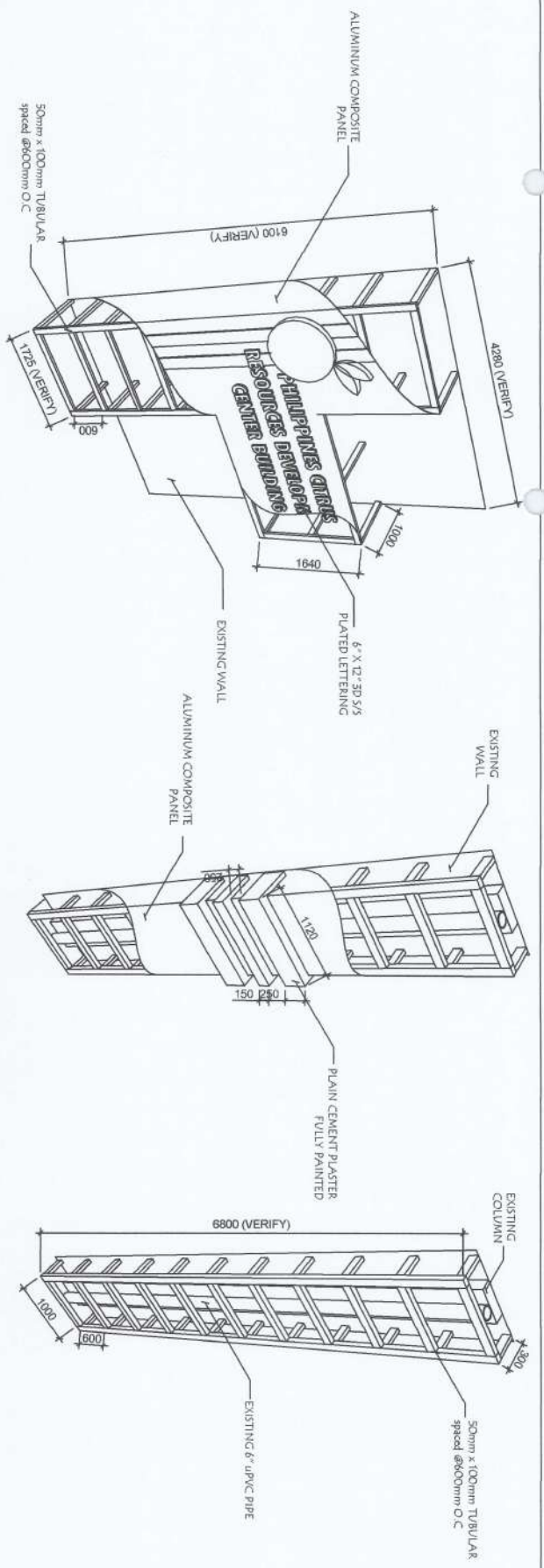
ANDRES MARCELO ANJUAN JR.
Chief Instructor

EDMUNDO S. GONZALEZ
Director, PRSDS

ARVIN M. ALTESTEROS
Chief Administrator

CARLO F. VAOLIC
VP for Planning, Development and Information System

WILFREDO A. DOMANUE JR.
University President



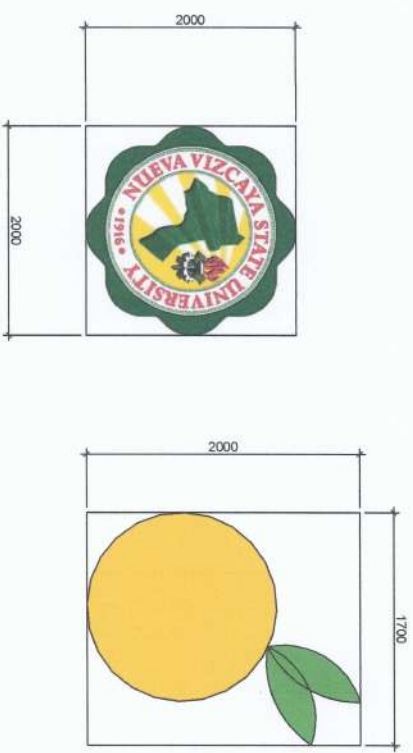
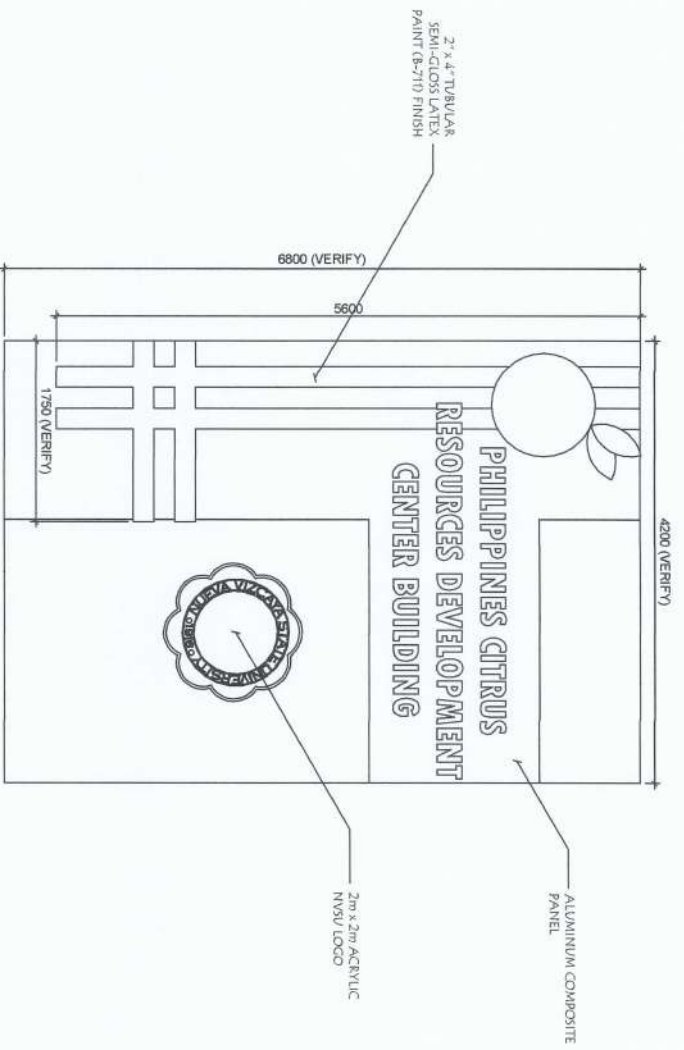


ACP FRAME DETAILS

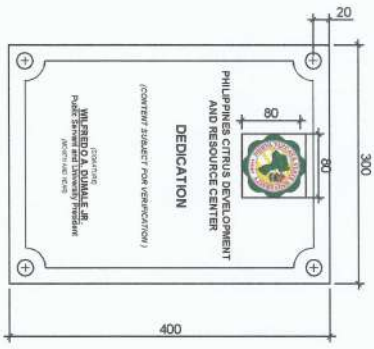
 SCALE: 1/4" = 1'-0"

PROJECT AND LOCATION: PREPARED BY: REVIEWED AND SUBMITTED BY: CONCURRED BY: RECOMMENDING APPROVAL: APPROVED BY: SHEET NO: S

 NVSU	IMPROVEMENT OF CITRUS CENTER <small>NUEVA VIZAYA STATE UNIVERSITY - BAYOMBONG CAMPUS</small>	 SHAINA MANCA GHERRERA <small>Engineering Adv. - IO</small>	 TRISTA LANELLE G. AU <small>Engineering Adv. - IO</small>	 ANDRES M. ROBINSON JR. <small>Chief, Infrastructure</small>	 EDWIN S. SATAL <small>Div. Dir. PPSDS</small>	 ARVIN M. MAESTERROS <small>Facilities Administrator</small>	 CARLO F. VADIL <small>VP for Planning Development and Information System</small>	 WILFREDO A. DUMALE JR. <small>University President</small>	
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BUILDING MARKER DETAILS
 SCALE 2/5 DNTS



BUILDING NAME DETAILS
 SCALE 1/5 DNTS

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER NEWA VIZCAYA STATE UNIVERSITY, BAYOMBONG CAMPUS

PREPARED BY: SHAINA MAYCAH G. HERRERA (Engineering Aide - I/O)

REVIEWED AND SUBMITTED BY: TRISTA LANELLE G. AU (Engineering Aide - I/O)

ANDRES M. ABRONGAN JR. (Off. In-charge)

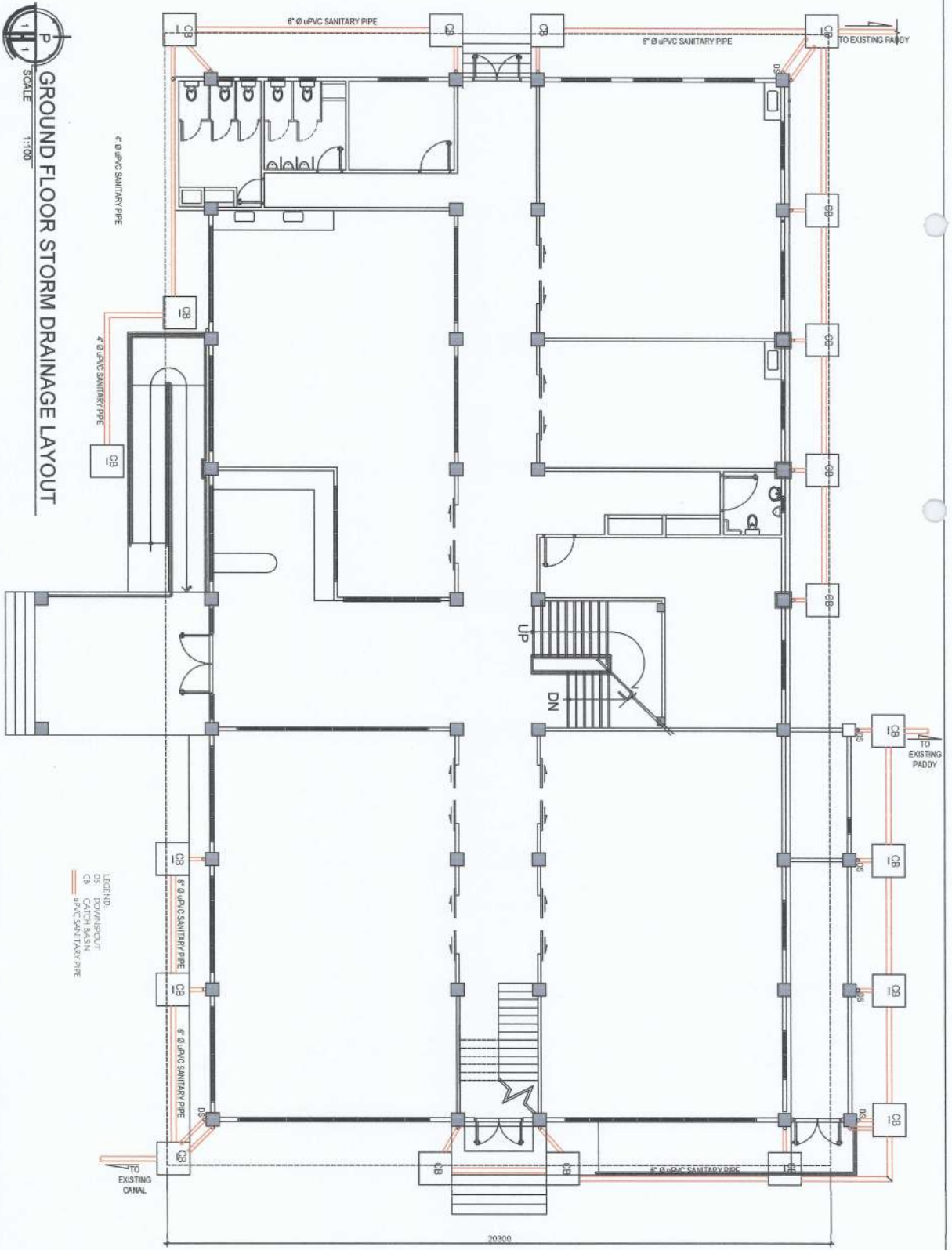
EDWARD BAKAL (Div. Dir. PRC/S)

ARVIN M. LLASTEROS (Div. In-charge)

RECOMMENDING APPROVAL: CARDO F. MADIL (VP for Planning, Development and Information System)

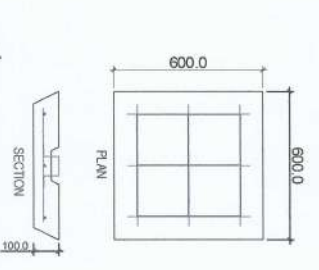
APPROVED BY: WILFREDO A. DOMALAL JR. (University President)



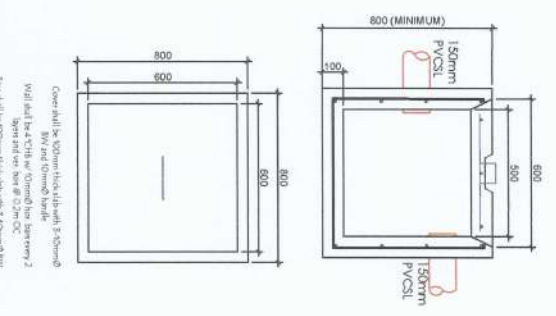


GROUND FLOOR STORM DRAINAGE LAYOUT
 SCALE 1:100

MANHOLE DETAILS
 SCALE 3:1



CATCH BASIN DETAILS
 SCALE 2:1



LEGEND:
 DS DOWNSCOURT
 CB CATCH BASIN
 6" Ø uPVC SANITARY PIPE

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER
 PREPARED BY: SHAIKE MAHIN B. HERRERA
 REVIEWED AND SUBMITTED BY: TRISTAN LUNELLE G. AU
 CONCURRED BY: ANDRES M. S. JUNGAN JR.
 RECOMMENDING APPROVAL: EDUARDO P. SOTOS
 APPROVED BY: ARVIN P. ALLESTEROS
 SHEET NO.: UP for Planning Division and Information System



SHAIKE MAHIN B. HERRERA
 Engineering Major - CE

TRISTAN LUNELLE G. AU
 Engineering Major - CE

ANDRES M. S. JUNGAN JR.
 Civil Engineering

EDUARDO P. SOTOS
 Director - PRCOS

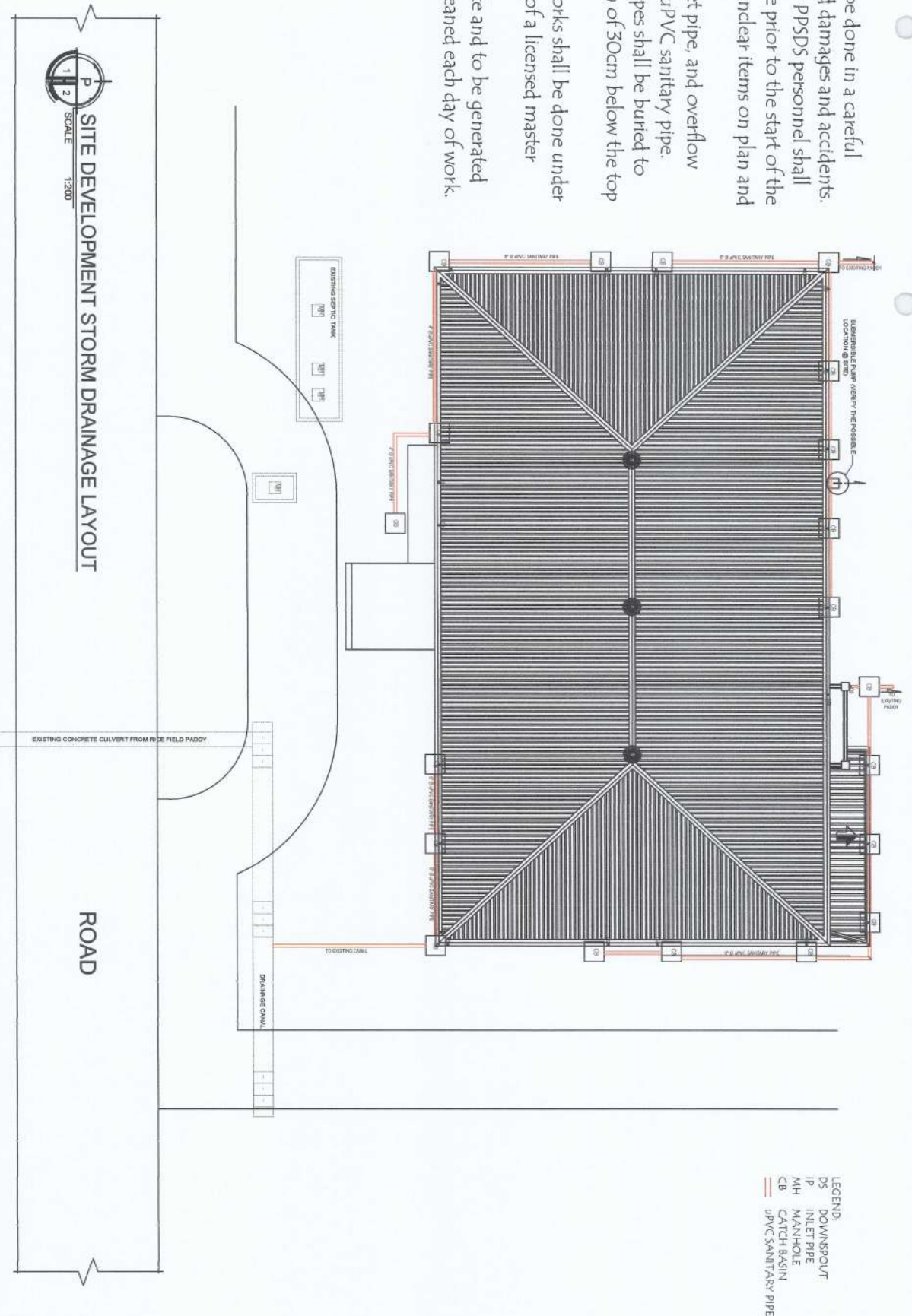
ARVIN P. ALLESTEROS
 Administrator

UP for Planning Division and Information System



GENERAL NOTES:

1. All works shall be done in a careful manner to avoid damages and accidents.
2. Site Engineer or PSPSDS personnel shall be present at site prior to the start of the work to verify unclear items on plan and DUPA.
3. Downspout, inlet pipe, and overflow pipe shall be 4" uPVC sanitary pipe.
4. Underground pipes shall be buried to minimum depth of 30cm below the top of the ground.
5. All plumbing works shall be done under the supervision of a licensed master plumber.
6. All existing waste and to be generated waste shall be cleaned each day of work.



PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER

PREPARED BY: SHANE MARIC G. HERRERA (Registered Professional Engineer No. 148-10)

REVIEWED AND SUBMITTED BY: TRISTE ANELLE G. AU (Registered Professional Engineer No. 148-10)

CONCURRED BY: ANDRES M. BUNGAN JR. (Chief Architect)

RECOMMENDING APPROVAL: EDWIN S. BAYAL (Special Projects)

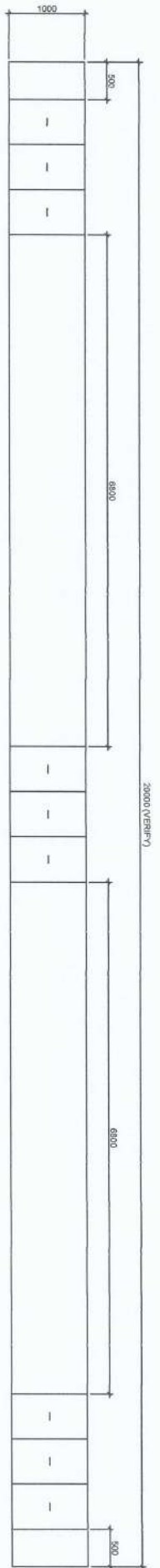
APPROVED BY: ARVIN B. MALLISTEROS (Office Administrator)

APPROVED BY: GABINO F. VIDIL (VP for Planning, Development and Information System)

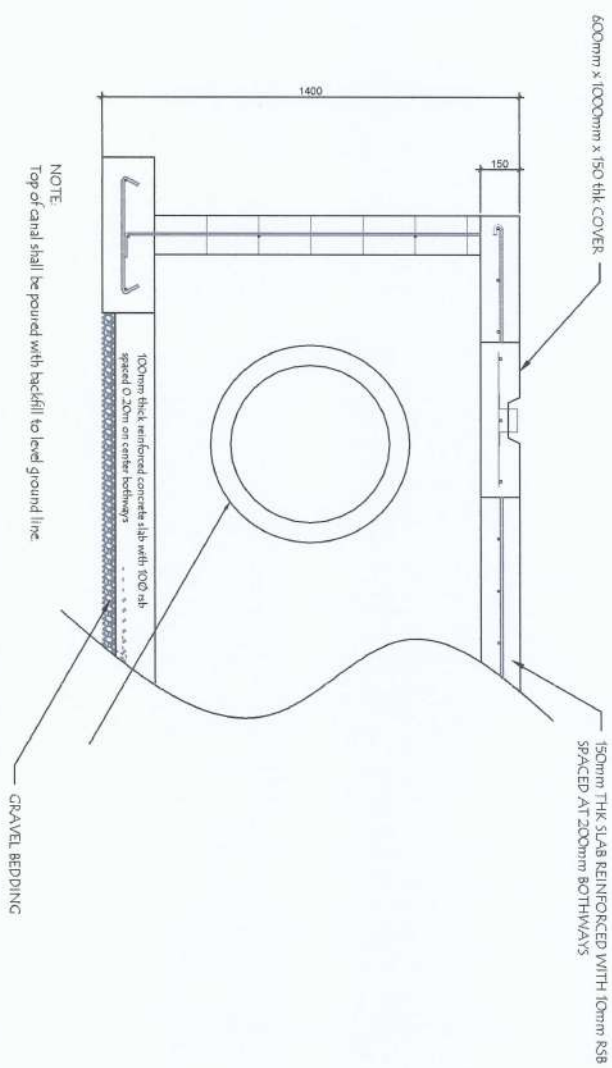
APPROVED BY: WILFREDO A. DUMALE, JR. (University President)



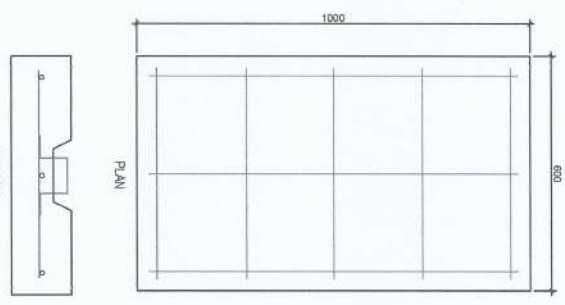
NVSU
 NISARA VIZCAYA STATE UNIVERSITY - BAYBONGON CAMPUS



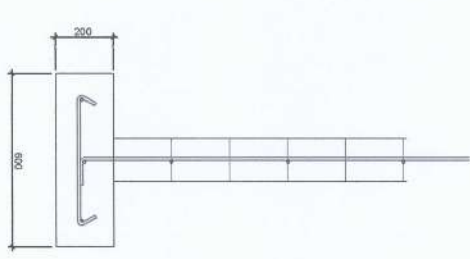
30000 (VERTICAL)
DRAINAGE CANAL LAYOUT



DRAINAGE CANAL DETAILS



MANHOLE DETAILS



WALL FOOTING DETAILS

PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER OF CITRUS CENTER



PREPARED BY: SHAIHE M. CAH G. HERRERA

TRISTAN M. BELLE G. AU

ANDRES M. SIBUNGAN JR.

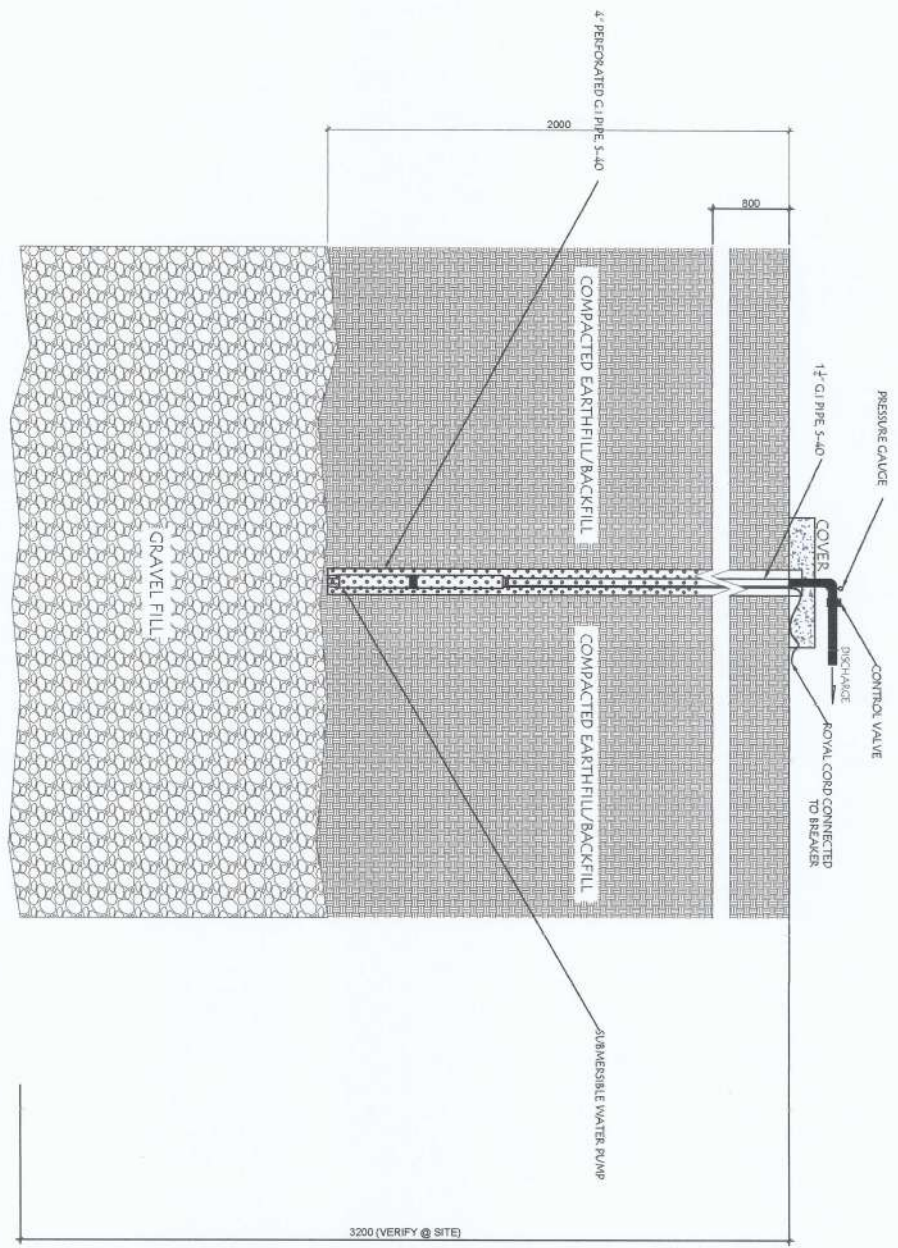
EDUARDO M. DELA CRUZ

ARVIN S. MASTREROS

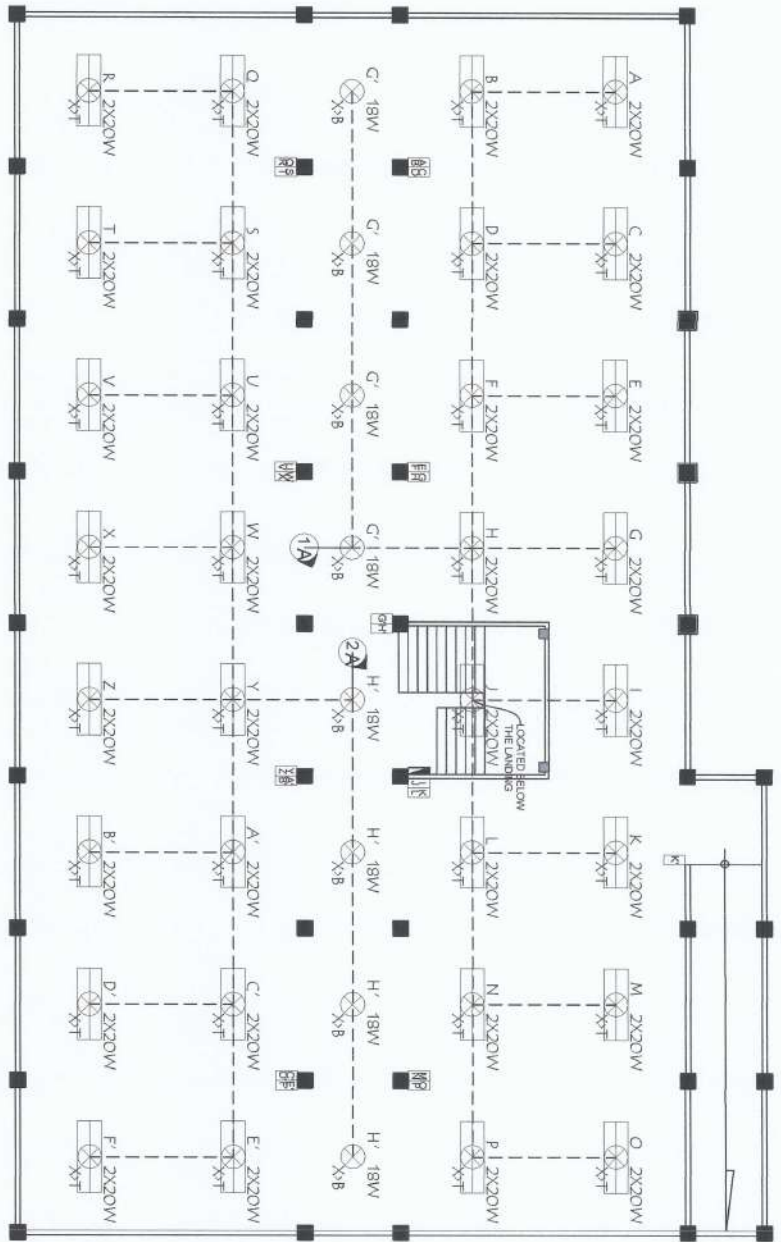
CARLO E. MADIL

WILFREDO A. DUMARTE JR.

SHEET NO. 3




SCALE
1" = 10'-0"
130MM
SUBMERSIBLE WATER PUMP DETAILS



LEGENDS

- ⊗ CIRCUIT HOMERUN
- WIRES, EXISTING
- - - WIRES, TO BE REPLACED
- ⊙ LED BULB, 18W
- ⊙ MALL LAMP, LED, 10W, CIRCULAR
- ⊙ MALL LAMP, LED, 10W, SQUARE
- ⊙ LED TUBE, 2 X 20W
- ⊙ LED BULB, 20W
- ⊙ SWITCH, 1 GANG
- ⊙ SWITCH, 2 GANG
- ⊙ SWITCH, 3 GANG
- ⊙ OUTLET, 2 GANG
- ⊙ OUTLET, 2 GANG (EMERGENCY LIGHTS)
- ⊙ OUTLET, FLOOR
- ⊙ EMERGENCY LIGHT
- ⊙ EMERGENCY LIGHT WITH EXIT LIGHT
- ⊙ ARCON OUTLET-WINDOW/SPLIT TYPE
- ⊙ MOTOR-WATER PUMP

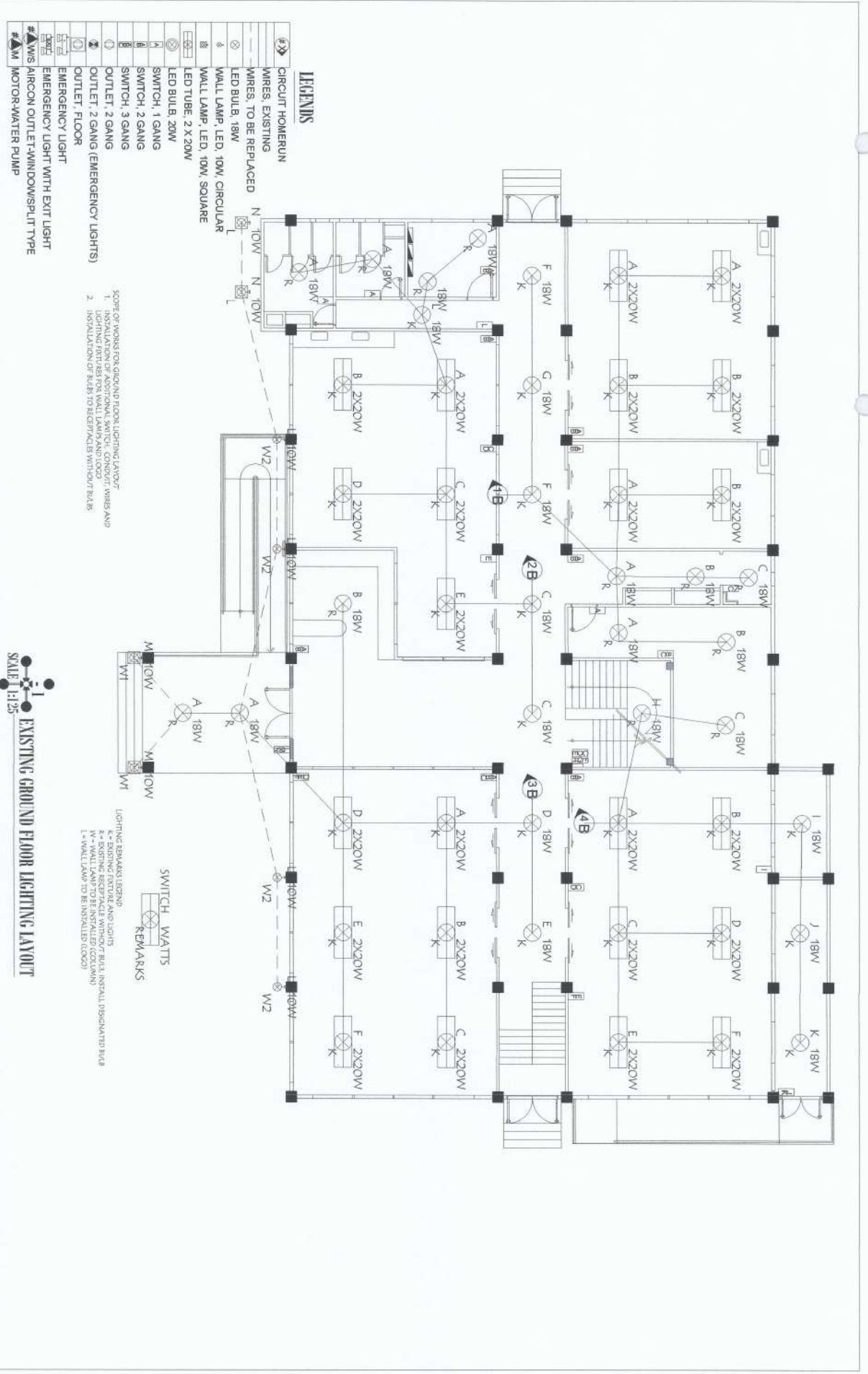
SCOPE OF WORKS FOR BASEMENT LIGHTING LAYOUT:
 1. INSTALLATION OF CONDUITS, WIRES, SWITCHES, OUTLETS AND LIGHTING FIXTURES.
 2. INSTALLATION OF CONDUITS, WIRES, SWITCHES, OUTLETS AND LIGHTING FIXTURES.
 3. ALL CONDUITS SHALL BE INSTALLED IN CEILING.

LIGHTING REMARKS LEGEND:
 * - AND BULB, INSTALL REQUIRED LEAD AND BULB
 X - F - NO FIXTURE AND LED TYPE, INSTALL FIXTURE AND LED TUBE.

SWITCH - WATTS
 REMARKS

E-1 EXISTING BASEMENT LIGHTING LAYOUT
 SCALE 1:125

PROFESSIONAL ELECTRICAL ENGINEER NAME: YAMILI DATE OF ISSUE:		PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NIEVA VECINA STATE UNIVERSITY, BANGORONG CAMPUS	
PREPARED BY: Marcelo MARCO P. UBATAN ADMINISTRATIVE AIDE LOCAL		SUBMITTED BY: Andres M. Arbunouan Jr. CHIEF ARCHITECTURE	
CONCURRED BY: Arvin B. Collesteros CHIEF ADMINISTRATOR		RECOMMENDING APPROVAL: Carlo F. Vadil CHIEF PLANNING DEVELOPMENT & INFORMATION SYSTEM	
SHEET NO. E1 6		APPROVED BY: Milfredo A. Dimala Jr. UNIVERSITY PRESIDENT	



- LEGENDS**
- (#)➔ CIRCUIT HOMERUN
 - WIRES EXISTING
 - WIRES TO BE REPLACED
 - ⊗ LED BULB, 18W
 - ⊗ WALL LAMP, LED, 10W, CIRCULAR
 - ⊗ WALL LAMP, LED, 10W, SQUARE
 - ⊗ LED TUBE, 2 X 20W
 - ⊗ LED BULB, 20W
 - ⊗ SWITCH, 1 GANG
 - ⊗ SWITCH, 2 GANG
 - ⊗ SWITCH, 3 GANG
 - ⊗ OUTLET, 2 GANG
 - ⊗ OUTLET, 2 GANG (EMERGENCY LIGHTS)
 - ⊗ OUTLET, FLOOR
 - ⊗ EMERGENCY LIGHT
 - ⊗ EMERGENCY LIGHT WITH EXIT LIGHT
 - ⊗ AIRCON OUTLET-WINDOW/SPLIT TYPE
 - ⊗ MOTOR-WATER PUMP

SCOPE OF WORKS FOR GROUND FLOOR LIGHTING LAYOUT

1. INSTALLATION OF ADDITIONAL SWITCH, CONDUIT, WIRES AND PIPES TO BE REPLACED
2. INSTALLATION OF BULBS TO RECEPTACLES WITHOUT BULBS

EXISTING GROUND FLOOR LIGHTING LAYOUT
SCALE 1:125

SWITCH, WATTS

REMARKS

LIGHTING REMARKS/REVISIONS

1 - ADDITIONAL SWITCH AND PIPES TO BE REPLACED

2 - ADDITIONAL SWITCH AND PIPES TO BE REPLACED

3 - WALL LAMP TO BE INSTALLED (CIRCULAR)

4 - WALL LAMP TO BE INSTALLED (SQUARE)

PROPOSED: SPECIFIC DESIGNER PRC Eng No. _____ PTR No. _____ Piles of Issue _____ TIN No. _____	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER MADRID VICTORIA STATE UNIVERSITY, SAKONGONG CAMPUS	SIGNED & SEALED BY: _____ DATE: _____	PREPARED BY: Marcks MARCO P. LIBATIAN ADMINISTRATIVE AIDE (CSJAL)	SUBMITTED BY: Andres M. Arbunouan Jr. CHIEF INFRASTRUCTURE	CONCURRED BY: Arvin M. Allesteros CHIEF ADMINISTRATOR	RECOMMENDING APPROVAL: Franko F. Vadil VICE PRESIDENT FOR PLANNING DEVELOPMENT & INFORMATION SYSTEM	APPROVED BY: Wilfredo A. Dumlale Jr. UNIVERSITY PRESIDENT	SHEET NO. E2 6
--	---	--	---	---	--	--	--	------------------------------------

- LEGENDS**
- ➔➔➔ CIRCUIT HOMERUN
 - WIRES, EXISTING
 - WIRES, TO BE REPLACED
 - ⊗ LED BULB, 18W
 - ⊗ WALL LAMP, LED, 10W, CIRCULAR
 - ⊗ WALL LAMP, LED, 10W, SQUARE
 - ⊗ LED BULB, 20W
 - ⊗ SWITCH, 1 GANG
 - ⊗ SWITCH, 2 GANG
 - ⊗ SWITCH, 3 GANG
 - ⊗ OUTLET, 2 GANG
 - ⊗ OUTLET, FLOOR
 - ⊗ EMERGENCY LIGHT
 - ⊗ EMERGENCY LIGHT WITH EXIT LIGHT
 - ⊗ WIS AIRCON OUTLET-WINDOW/SPLIT TYPE
 - ⊗ M MOTOR-WATER PUMP

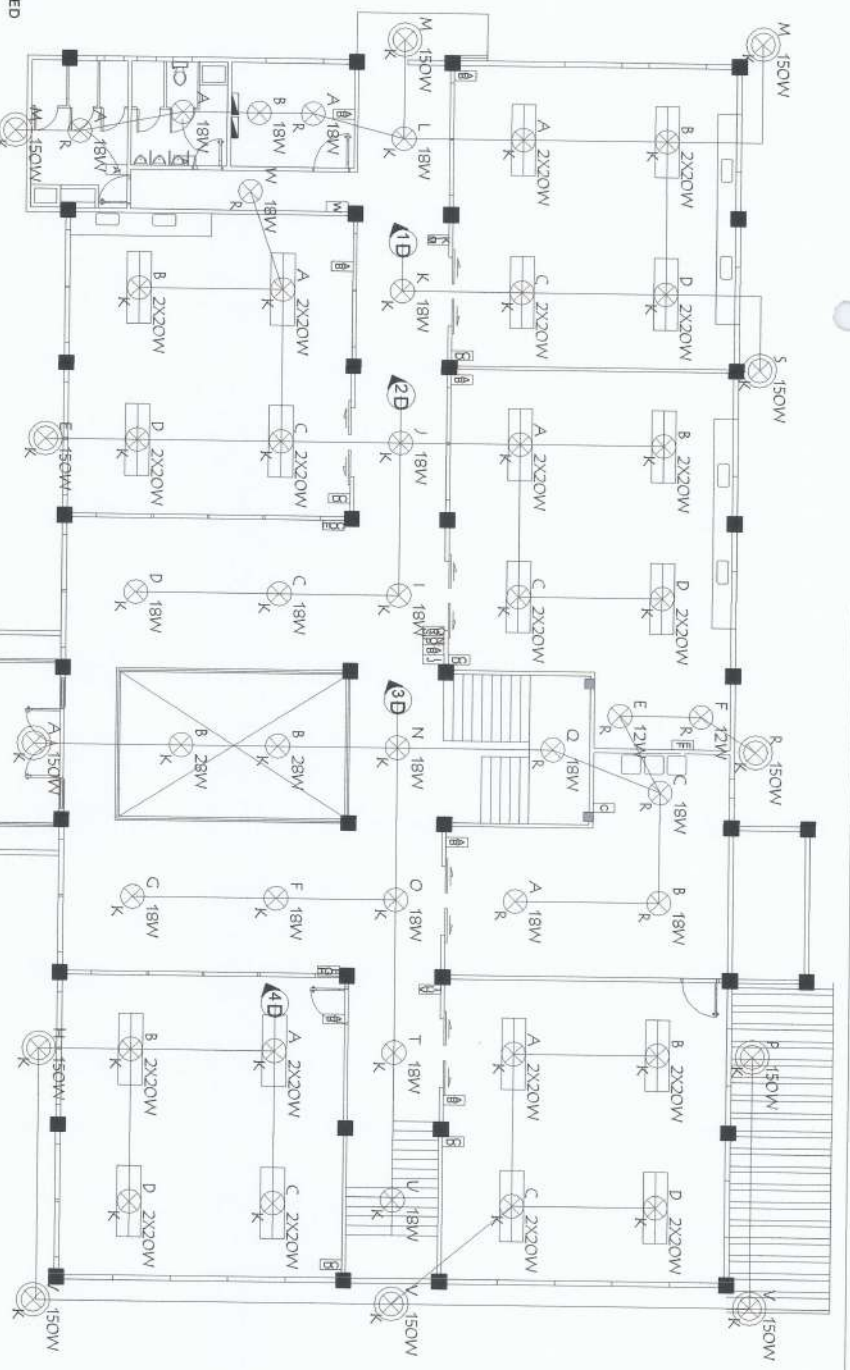
SCORE OF WORK FOR SECOND FLOOR LIGHTING LAYOUT:
 1. DESIGN OF LIGHTING LAYOUT
 2. INSTALLATION OF BULBS TO RECEPTACLES WITH/OUT BULBS

LIGHTING REMARKS LEGEND

- R = EXISTING RECEPTACLE AND LIGHTS
- K = EXISTING WALL LAMP
- M = WALL LAMP TO BE INSTALLED
- L = WALL LAMP TO BE INSTALLED ABOVE THE DOOR OF CITRUS CENTER

SWITCH WATTS

⊗ REMARKS



EXISTING SECOND FLOOR LIGHTING LAYOUT
 SCALE: 1/125

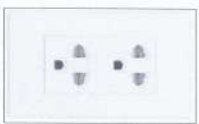
PROFESSIONAL ENGINEER'S NUMBER PRC No. 1000000000 PRC No. 1000000000 PRC No. 1000000000	VALID DATE DATE OF ISSUE	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER	PREPARED BY <i>Marco P. Usatyan</i>	SUBMITTED BY <i>Andres W. Saubangan Jr.</i>	CONCURRED BY <i>Arvin E. Esteros</i>	RECOMMENDING APPROVAL <i>Carlo E. Vadil</i>	APPROVED BY <i>Milfredo A. Dumale Jr.</i>	SHEET NO. E3 6
MVSU		MEDINA VICAYNA STATE UNIVERSITY - AYOONONG CAMPUS	MARCO P. USATYAN ADMINISTRATIVE AIDE (CDS/AL)	ANDRES W. SAUBANGAN JR. CHIEF INFRASTRUCTURE	EDWIN B. KARAL DIRECTOR, FISSIS	ARVIN E. ESTEROS CHIEF ADMINISTRATION	CARLO E. VADIL VICE PRESIDENT OF THE PLANNING DEVELOPMENT & INFORMATION SYSTEM	



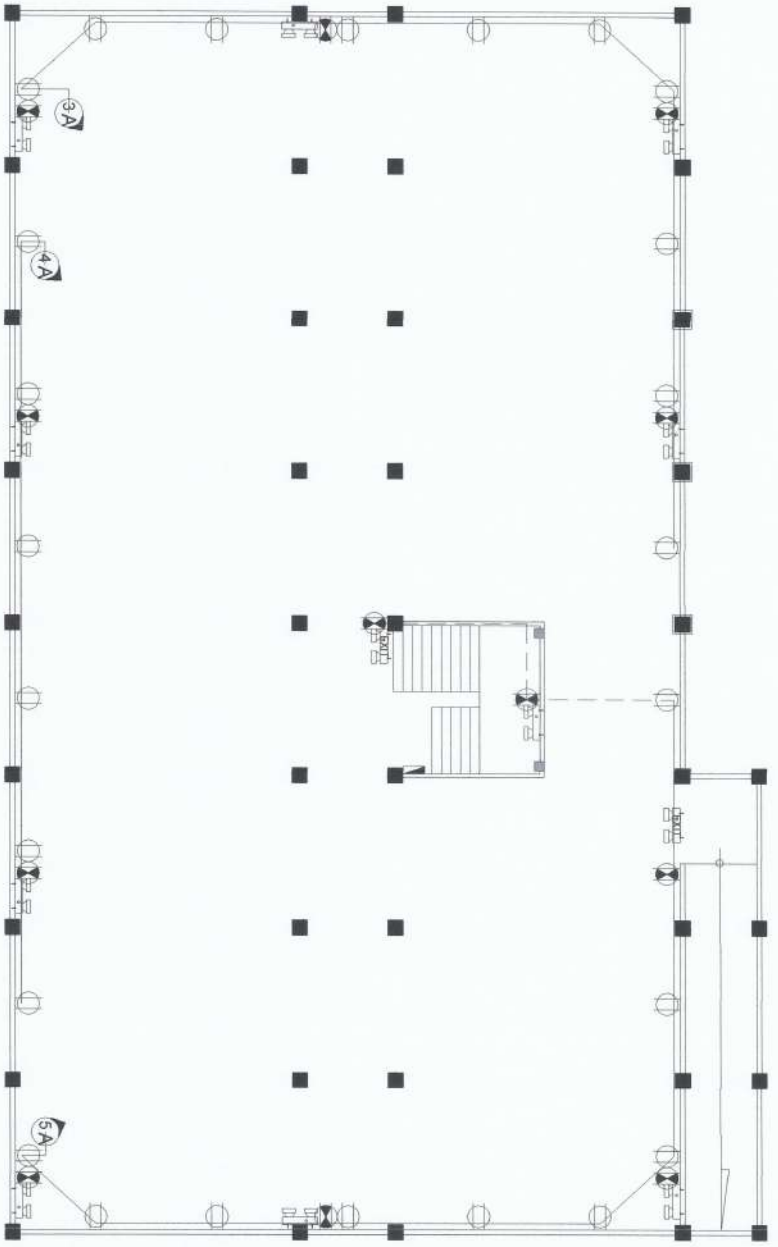
EXAMPLE OF EMERGENCY LIGHT-SIGNAGE COMBINATION



EXAMPLE OF EMERGENCY LIGHT



EXAMPLE OF DUPLEX CONVENIENCE OUTLET WITH GROUND AND SAFETY SHUTTER



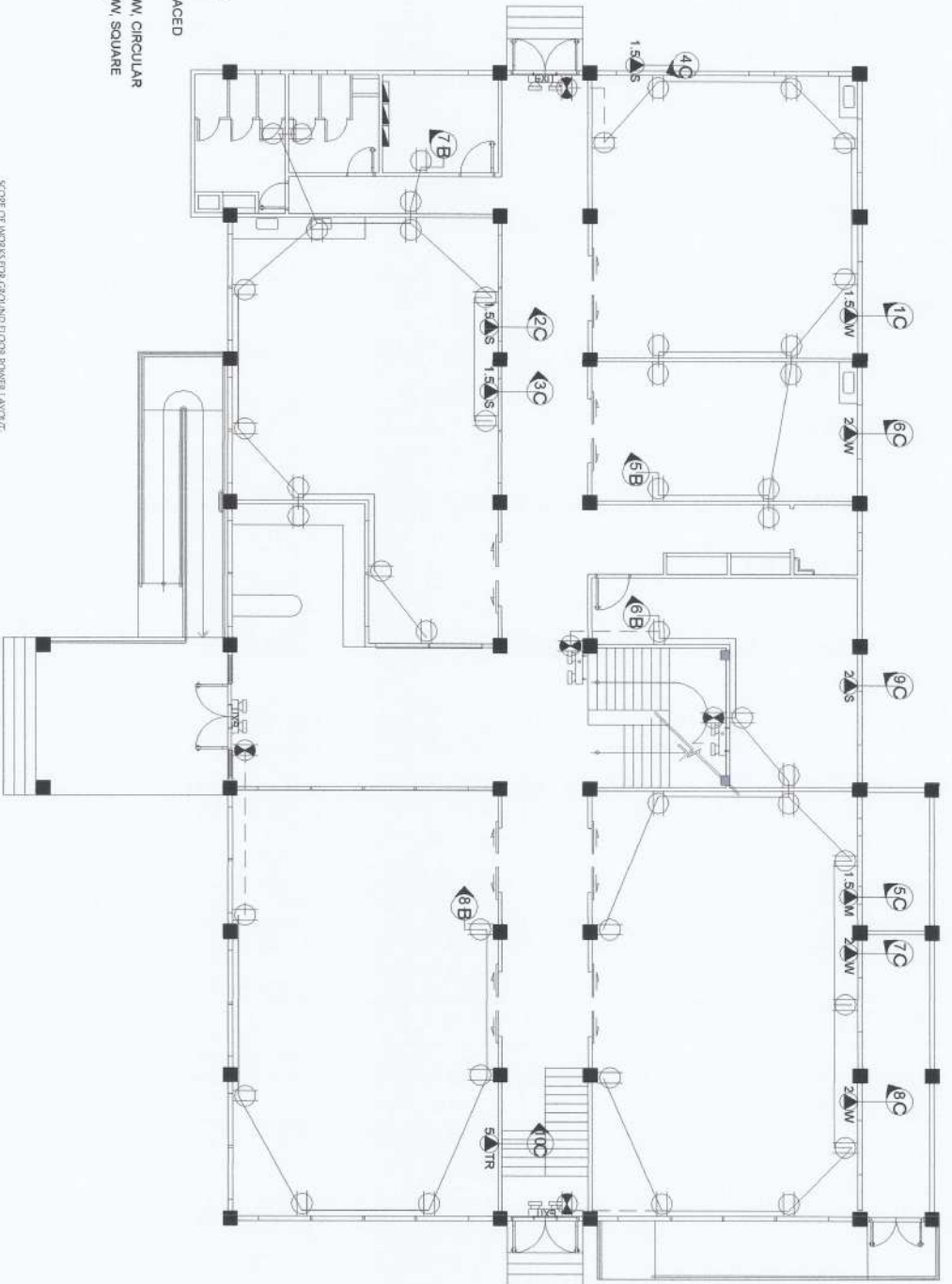
LEGENDS

- #3> CIRCUIT HOMERUN
- WIRES, EXISTING
- ⊗ LED BULB, 18W
- ⊙ WALL LAMP, LED, 10W, CIRCULAR
- ⊕ WALL LAMP, LED, 10W, SQUARE
- ⊞ LED TUBE, 2' X 20W
- ⊚ LED BULB, 20W
- A SWITCH, 1 GANG
- B SWITCH, 2 GANG
- C SWITCH, 3 GANG
- D OUTLET, 2 GANG (EMERGENCY LIGHTS)
- E OUTLET, FLOOR
- F EMERGENCY LIGHT
- G EMERGENCY LIGHT WITH EXIT LIGHT
- #ΔWS AIRCON OUTLET-WINDOW/PLT TYPE
- #ΔM MOTOR-WATER PUMP

- SCOPE OF WORKS FOR BASEMENT POWER LAYOUT:
1. RE-ARRANGEMENT OF EXISTING CONDUITS AND OUTLETS IN BASEMENT TO S.A.F.E
 2. MOUNTING OF EXISTING CONDUITS AND OUTLETS
 3. INSTALLATION OF NEW WIRES (INCLUDES HOMERUN AND CONVENIENCE OUTLETS)
 4. INSTALLATION OF NEW WIRES (INCLUDES HOMERUN AND CONVENIENCE OUTLETS)
 5. INSTALLATION OF EMERGENCY LIGHTS (HEIGHT=2000mm)
 6. ALL CONDUITS IN BASEMENT SHALL BE INSTALLED IN CEILING

EXISTING BASEMENT POWER LAYOUT
 SCALE: 1:125

SIGNED & SEALED BY: PROJECT TITLE & LOCATION: IMPROVEMENT OF CITRUS CENTER NIEVA VICIÑA STATE UNIVERSITY, BANGORONG CAMPUS	PREPARED BY: SUBMITTED BY: CONCURRED BY: RECOMMENDING APPROVAL: APPROVED BY:	SHEET NO. E4 6
PRC Reg No PRR No Date of Issue	NYSU NIEVA VICIÑA STATE UNIVERSITY, BANGORONG CAMPUS	MARCO P. UBAYAN ADMINISTRATIVE AIDE-CASUAL
NYSU NIEVA VICIÑA STATE UNIVERSITY, BANGORONG CAMPUS	ANDRES M. ABUNGAN JR. CHIEF INFRASTRUCTURE	EDWIN B. BARRAL DIRECTOR PPSOS
ANITA M. ALLESTEROS CHIEF ADMINISTRATOR	CARLO F. VADIL VICE PRESIDENT FOR COMMUNITY DEVELOPMENT & EXTENSION	WILLFREDO A. DURALE JR. UNIVERSITY PRESIDENT



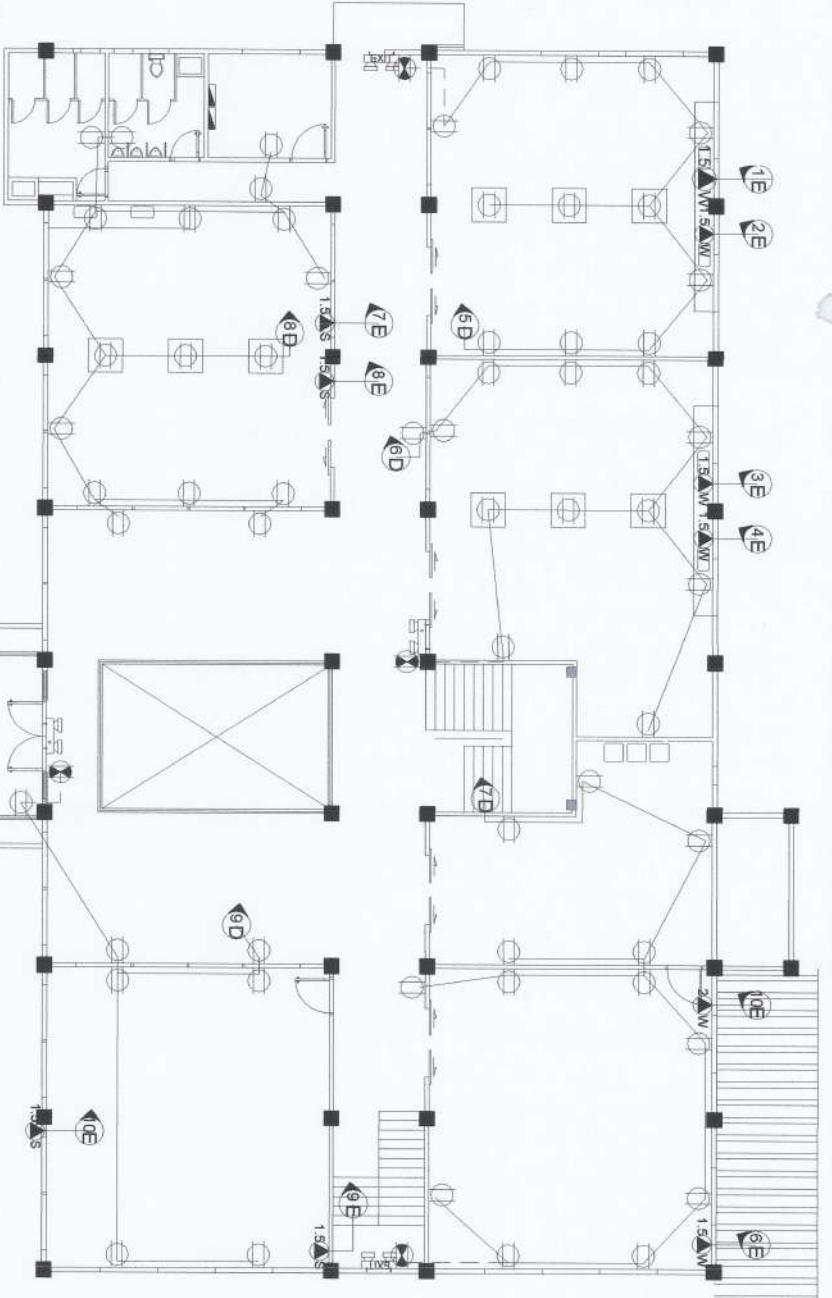
LEGENDS

- ④ CIRCUIT HOMERUN
- WIRES, EXISTING
- WIRES, TO BE REPLACED
- ⊙ LED BULB, 18W
- ⊙ MALL LAMP, LED, 10W, CIRCULAR
- ⊙ MALL LAMP, LED, 10W, SQUARE
- ⊙ LED TUBE, 2 X 20W
- ⊙ LED BULB, 20W
- ⊙ SWITCH, 1 GANG
- ⊙ SWITCH, 2 GANG
- ⊙ SWITCH, 3 GANG
- ⊙ OUTLET, 2 GANG (EMERGENCY LIGHTS)
- ⊙ OUTLET, FLOOR
- ⊙ EMERGENCY LIGHT
- ⊙ EMERGENCY LIGHT WITH EXIT LIGHT
- ⊙ AIRCON OUTLET-WINDOW/SPLIT TYPE
- ⊙ MOTOR-WATER PUMP

SCALE OF WORK FOR GROUND FLOOR POWER LAYOUT
 1. INSTALLATION OF CONDUITS, RACEWAYS, WIREWAYS AND CONDUITS FOR EMERGENCY/EXIT LIGHTS (HEIGHT=2000MM), CONNECT TO THE NEAREST CONVENIENCE OUTLET.
 2. INSTALLATION OF EMERGENCY/EXIT LIGHTS (HEIGHT=2000MM).

EXISTING GROUND FLOOR POWER LAYOUT
 SCALE: 1:25

PROFESSIONAL ELECTRICAL ENGINEER PRC Reg No: _____ PTR No: _____ Piece of Issue: _____ IN No: _____	VAIL VAIL VAIL VAIL Date of Issue: _____		IMPROVEMENT OF CITRUS CENTER NUEVA VIZCAYA STATE UNIVERSITY - BAYOMBONG CAMPUS	PREPARED BY: MARCO P. USATVAN ADMINISTRATIVE AIDE/CASUAL	SUBMITTED BY: ANDRES M. SABANGAN JR. CHIEF ARCHITECTURE	 EDWIN B. BRUAL DIRECTOR, PPDS	CONCEALED BY: ARROYO M. ESTEROS CHIEF OF ADMINISTRATION	RECOMMENDING APPROVAL: CARLO F. VADI ELECTRICAL ENGINEER I PROFESSIONAL ELECTRICAL ENGINEER	APPROVED BY: WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT	SHEET NO: E5 6
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LEGENDS

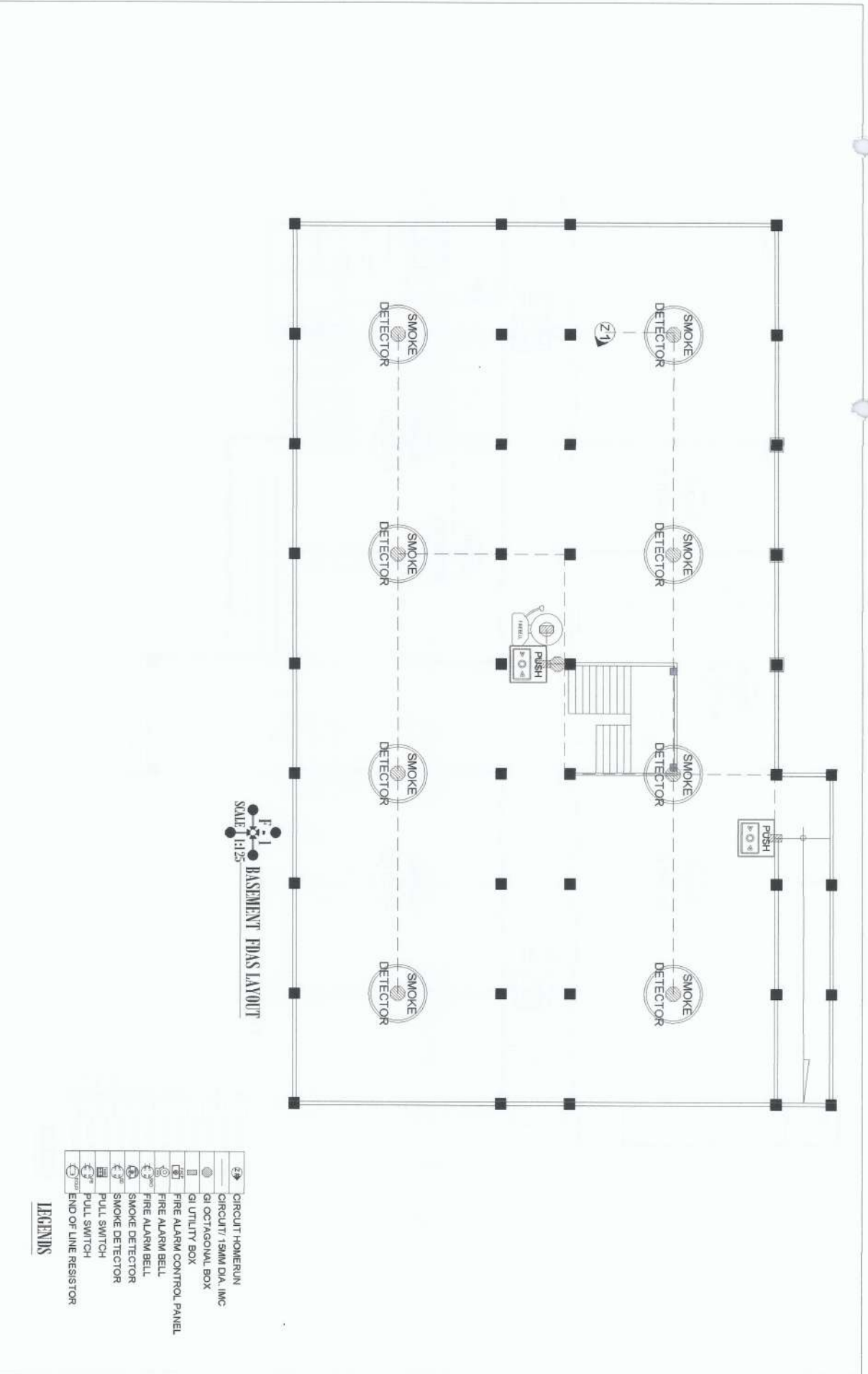
- ⊗ CIRCUIT HOMERUN
- WIRES, TO BE REPLACED
- ⊗ LED BULB, 18W
- ⊗ WALL LAMP, LED, 10W, CIRCULAR
- ⊗ WALL LAMP, LED, 10W, SQUARE
- ⊗ LED TUBE, 2 X 20W
- ⊗ LED BULB, 30W
- ⊗ SWITCH, 1 GANG
- ⊗ SWITCH, 2 GANG
- ⊗ SWITCH, 3 GANG
- ⊗ OUTLET, 2 GANG (EMERGENCY LIGHTS)
- ⊗ OUTLET, 1 FLOOR
- ⊗ EMERGENCY LIGHT
- ⊗ EMERGENCY LIGHT WITH EXIT LIGHT
- ⊗ AIRCON OUTLET-WINDOW/SPLIT TYPE
- ⊗ MOTOR-WATER PUMP

SCOPES OF WORKS FOR SECOND FLOOR POWER LAYOUT:
 1. INSTALLATION OF CONDUIT/OUTLETS WITH WIRES AND CONDUITS FOR EMERGENCY/EXIT LIGHTS (HEIGHT=2300MM), CONNECT TO THE NEAREST CONDUIT/OUTLET.
 2. INSTALLATION OF EMERGENCY/EXIT LIGHTS (HEIGHT=2300MM).

E-1
 SCALE: 1:125
EXISTING SECOND FLOOR POWER LAYOUT

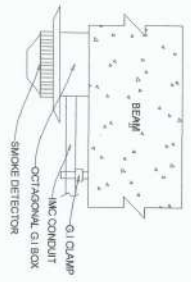
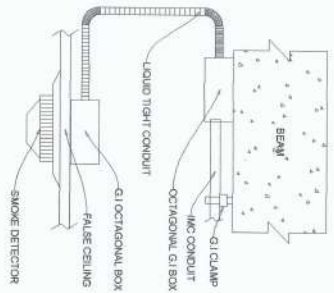
PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NIEWM VICTORIA STATE UNIVERSITY, BAWANGMUNG CAMPUS		PREPARED BY: <i>M. Mulya</i> MARCO P. UBAYAN ADMINISTRATIVE AIDE-CASUAL		SUBMITTED BY: <i>[Signature]</i> ANDRES B. ABUNGAN JR. OFFICE ASSISTANT/ENGINEER		CONCURRED BY: <i>[Signature]</i> EDWIN B. BRUAL DIRECTOR, PPASO		RECOMMENDING APPROVAL: <i>[Signature]</i> CARLO F. VADIL VICE PRESIDENT, INFORMATION SYSTEM		APPROVED BY: <i>[Signature]</i> WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT		SHEET NO. E6 6		
SIGNED & SEALED BY: PROFESSIONAL ENGINEER, ELECTRICAL PRC Reg. No. _____ PIR No. _____ TIN No. _____ NAME: _____ DATE: _____		PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NIEWM VICTORIA STATE UNIVERSITY, BAWANGMUNG CAMPUS		PREPARED BY: <i>M. Mulya</i> MARCO P. UBAYAN ADMINISTRATIVE AIDE-CASUAL		SUBMITTED BY: <i>[Signature]</i> ANDRES B. ABUNGAN JR. OFFICE ASSISTANT/ENGINEER		CONCURRED BY: <i>[Signature]</i> EDWIN B. BRUAL DIRECTOR, PPASO		RECOMMENDING APPROVAL: <i>[Signature]</i> CARLO F. VADIL VICE PRESIDENT, INFORMATION SYSTEM		APPROVED BY: <i>[Signature]</i> WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT		SHEET NO. E6 6

SHOWN & SEALED BY: PROFESSIONAL ELECTRICAL ENGINEER P.E. Reg. No. _____ Date of Issue _____ Valid Until _____ Date of Issue _____ P.E. No. _____	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NUSU NUSU VETERINARY UNIVERSITY, BAYONGKONG CAMPUS	PREPARED BY: <i>Marco P. Ubatan</i> MARCO P. UBATAN ADMINISTRATIVE AIDE FACULTA	SUBMITTED BY: <i>Andres M. Salungan Jr.</i> ANDRES M. SALUNGAN JR. CHIEF ARCHITECTURE	CONCURRED BY: <i>Edwin B. Bernal</i> EDWIN B. BERNAL DIRECTOR, P-203	RECOMMENDING APPROVAL: <i>Arvin P. Alasteros</i> ARVIN P. ALASTEROS CHIEF ADMINISTRATION	APPROVED BY: <i>Carlo F. Vadil</i> CARLO F. VADIL VICE PRESIDENT FOR PLANNING, DEVELOPMENT & ADMINISTRATION SYSTEM	SHEET NO. F1 4
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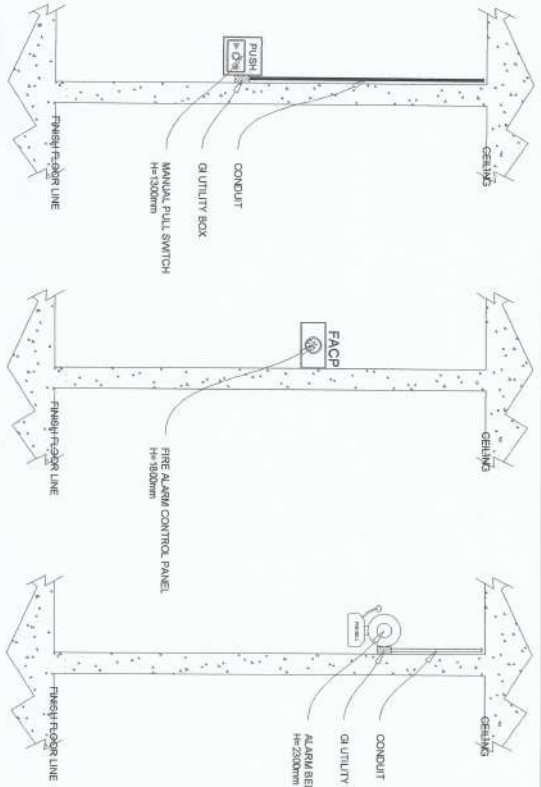


- | | |
|--|--------------------------|
| | CIRCUIT HOMERUN |
| | CIRCUIT/ 15MM DIA. IMC |
| | GI OCTAGONAL BOX |
| | GI UTILITY BOX |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM BELL |
| | FIRE ALARM BELL |
| | SMOKE DETECTOR |
| | SMOKE DETECTOR |
| | PULL SWITCH |
| | END OF LINE RESISTOR |

LEGENDS



F-1
INSTALLATION DETAILS



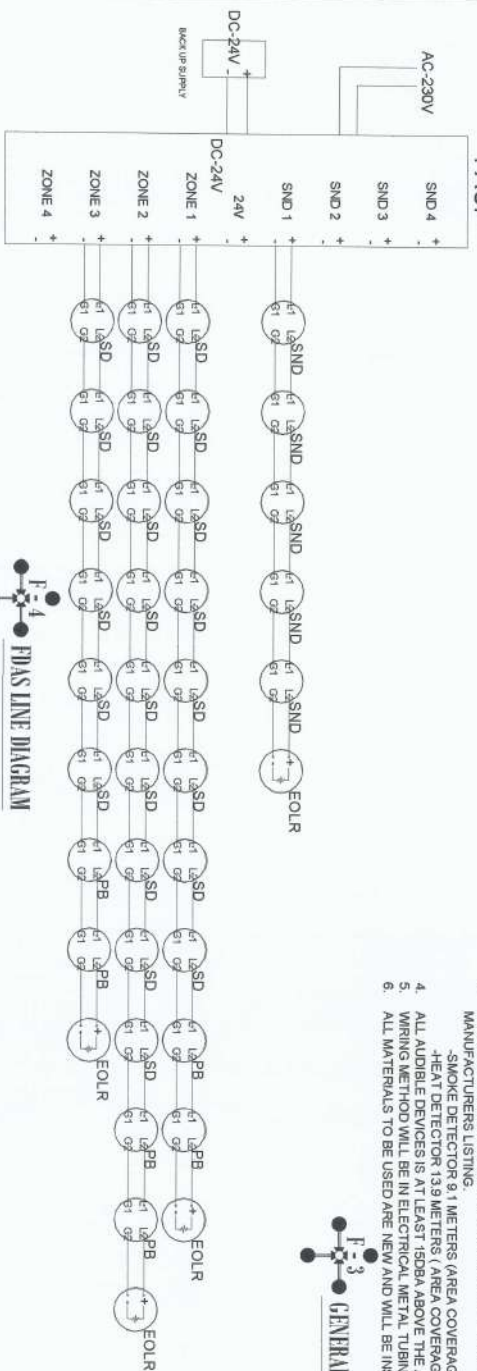
1. INSTALLATION OF FDAS WILL BE IN ACCORDANCE WITH NFPA 72 & 70 & LOCAL FIRE CODE OF THE PHILIPPINES.
2. ALL WIRING WILL BE IN ACCORDANCE WITH FDAS MANUFACTURERS RECOMMENDATION TO PROPERLY CONDUCT THE CIRCUIT CURRENT.
3. SMOKE DETECTORS & HEAT DETECTORS ARE TO BE INSTALLED ACCORDING TO THE RECOMMENDED SPACING AS PER NFPA 72 AND MANUFACTURERS LISTING.
 - 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 1500A ABOVE THE AVERAGE AMBIENT SOUND.
5. WIRING METHOD WILL BE IN ELECTRICAL METAL TUBING (EMT) AND ELECTRICAL BOX ARE GALVANIZE GA#16 MINIMUM.
6. ALL MATERIALS TO BE USED ARE NEW AND WILL BE INSTALLED IN APPLICATION FOR WHICH THEY ARE INTENDED.

F-3
GENERAL NOTES

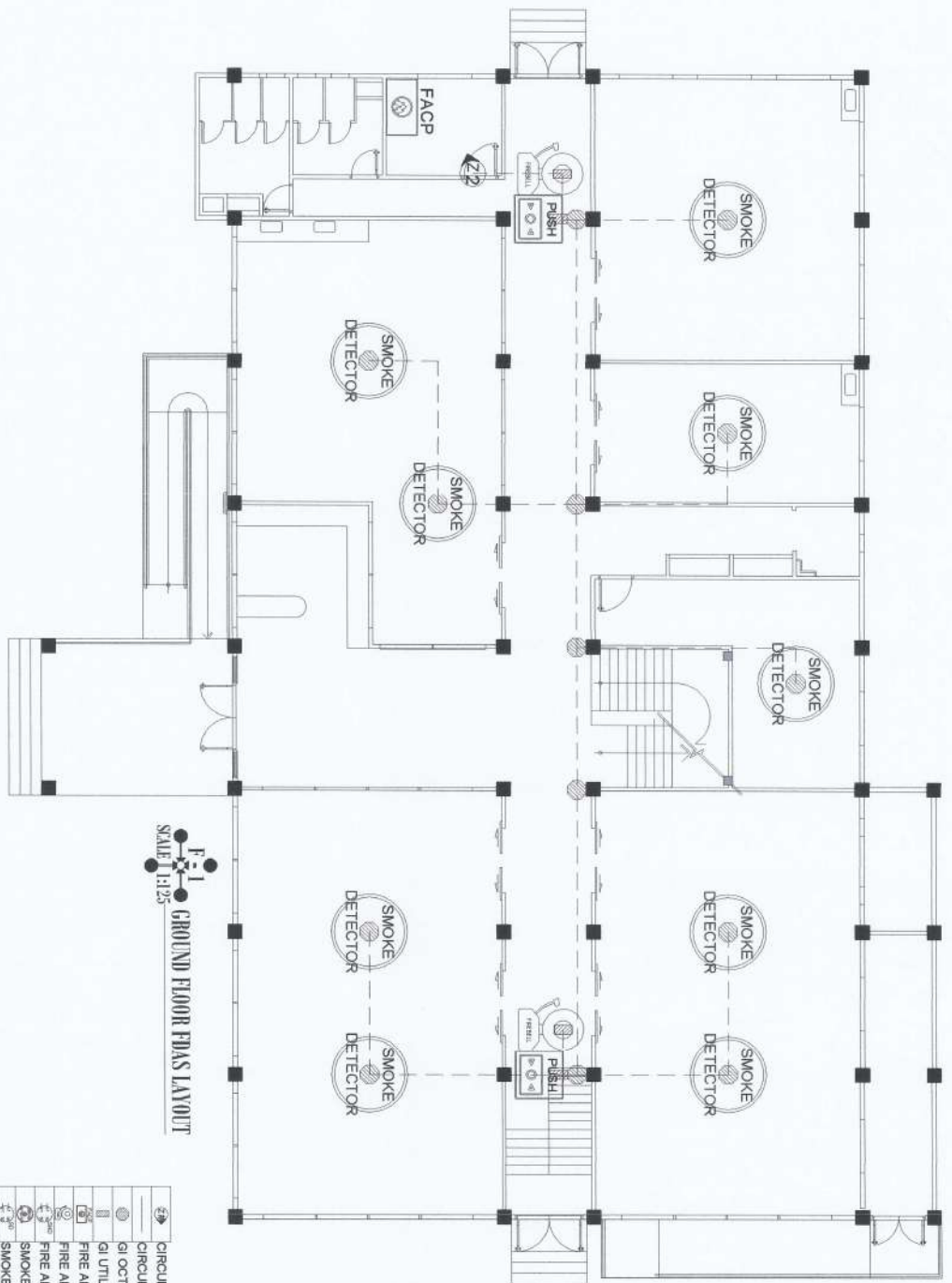
	CIRCUIT HOMERUN
	CIRCUIT 15MM DIA. IMC
	G1 OCTAGONAL BOX
	G1 UTILITY BOX
	FIRE ALARM CONTROL PANEL
	FIRE ALARM BELL
	FIRE ALARM BELL
	SMOKE DETECTOR
	SMOKE DETECTOR
	PULL SWITCH
	PULL SWITCH
	END OF LINE RESISTOR

LEGENDS

F-4
FDAS LINE DIAGRAM



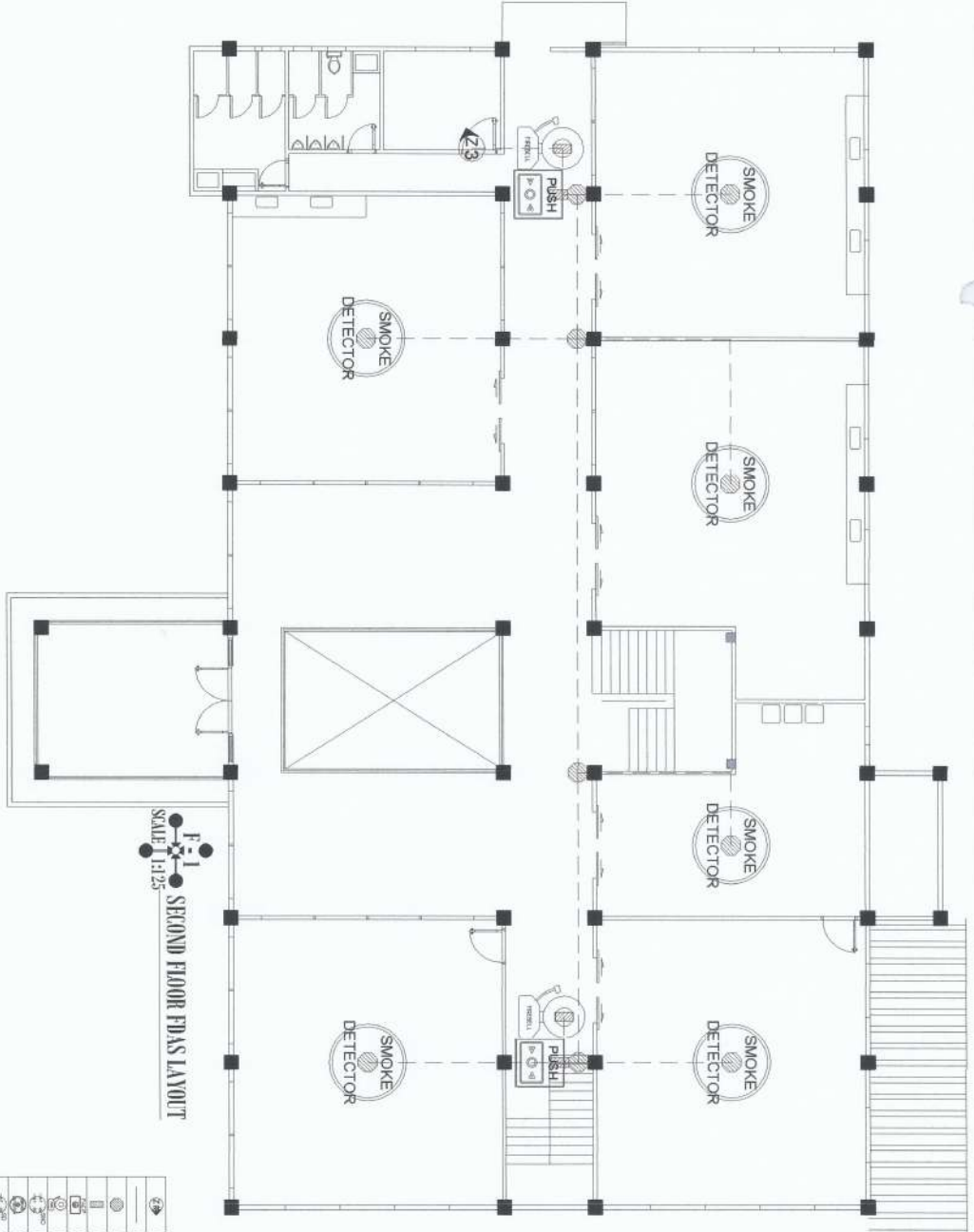
DESIGNED & SEALED BY: PROFESSIONAL ELECTRICAL ENGINEER PRC No. _____ PRR No. _____ Place of Issue _____ THINK	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NIPUNAVADANA STATE UNIVERSITY, DAMONGSON CAMPUS	PREPARED BY: <i>Marcelo</i> MARCO P. UBAYAN ADMINISTRATIVE AIDE (CASUAL)	SUBMITTED BY: <i>Andres</i> ANDRES M. SIBUNGAN JR. CHIEF STRUCTURE	CONCURRED BY: <i>Edwin</i> EDWIN B. BARTAL DIRECTOR, FPSDS	RECOMMENDING APPROVAL: <i>Carlo</i> CARLO E. VADIL VICE PRESIDENT FOR PLANNING DEVELOPMENT & INFORMATION SYSTEM	APPROVED BY: <i>Alfredo</i> ALFREDO A. DURALE JR. UNIVERSITY PRESIDENT	SHEET NO. F4 4
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|--|--------------------------|
| | CIRCUIT HOMERUN |
| | 19MM DIA. IMC |
| | OCTAGONAL BOX |
| | UTILITY BOX |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM BELL |
| | FIRE ALARM BELL |
| | SMOKE DETECTOR |
| | SMOKE DETECTOR |
| | PULL SWITCH |
| | END OF LINE RESISTOR |

LEGENDS

SIGNED & SEALED BY: PROFESSIONAL ELECTRICAL ENGINEER PTR No. _____ Place of Issue _____ Exp. No. _____	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER HIEVA VICCAVA STATE UNIVERSITY, BAMBONGHONG CAMPUS	PREPARED BY: <i>Marco P. Ubatan</i> MARCO P. UBATAN ADMINISTRATIVE AIDE I/AS/SA	SUBMITTED BY: <i>Andres M. Babingau Jr.</i> ANDRES M. BABINGAU JR. SENIOR ARCHITECTURE	CONCURRED BY: <i>Edwin B. Brual</i> EDWIN B. BRUAL DIRECTOR, PPDS	RECOMMENDING APPROVAL: <i>Carlo P. Yadi</i> CARLO P. YADI VICE PRESIDENT, MAINTENANCE & FACILITIES ADMINISTRATION	APPROVED BY: <i>Wilfredo A. Dumale Jr.</i> WILFREDO A. DUMALE JR. UNIVERSITY PRESIDENT	SHEET NO. F2 4
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SCALE 1/4" = 1'-0"
SECOND FLOOR FDAS LAYOUT

- | | |
|--|--------------------------|
| | CIRCUIT HOMERUN |
| | CIRCUIT 15MM DIA. IMC |
| | OCTAGONAL BOX |
| | UTILITY BOX |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM BELL |
| | SMOKE DETECTOR |
| | SMOKE DETECTOR |
| | PULL SWITCH |
| | END OF LINE RESISTOR |

LEGENDS

PROFESSIONAL ENGINEER'S EXEMPT P.E. Reg. No. _____ P.E. No. _____ P.E. No. _____ P.E. No. _____	PROJECT TITLE & LOCATION IMPROVEMENT OF CITRUS CENTER NILESIA VICQVIA STATE UNIVERSITY, BANGORONG CAMPUS	PREPARED BY: <i>W.P. Ubatan</i> MARCO P. UBATAN ADMINISTRATIVE AIDE-FOSSAL	SUBMITTED BY: <i>Andres M. Abinguan Jr.</i> ANDRES M. ABINGUAN JR. SPECT. INFRASTRUCTURE	CONCLUDED BY: <i>Arvin P. Basteros</i> ARVIN P. BASTEROS CHIEF ADMINISTRATOR	RECOMMENDING APPROVAL: <i>Carlo F. Yadi</i> CARLO F. YADI VICE PRESIDENT UNIVERSITY PRESIDENT	APPROVED BY: <i>Wilfredo A. Dimala Jr.</i> WILFREDO A. DIMALA JR. UNIVERSITY PRESIDENT	SHEET NO. F3 4
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REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL

DIVISION / CITY / MUNICIPALITY

LAND USE AND ZONING

LINE AND GRADE

ARCHITECTURAL

CIVIL / STRUCTURAL

ELECTRICAL

MECHANICAL

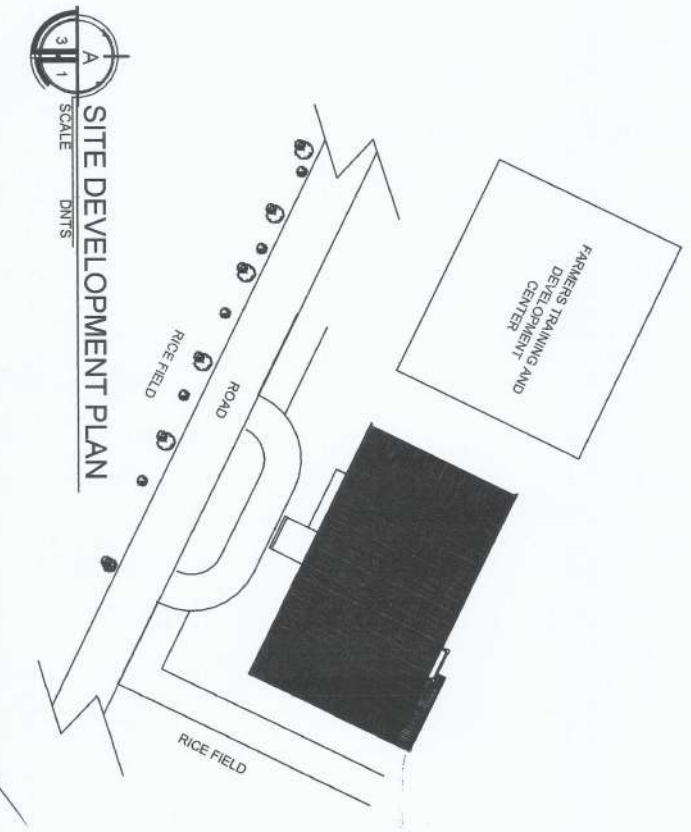
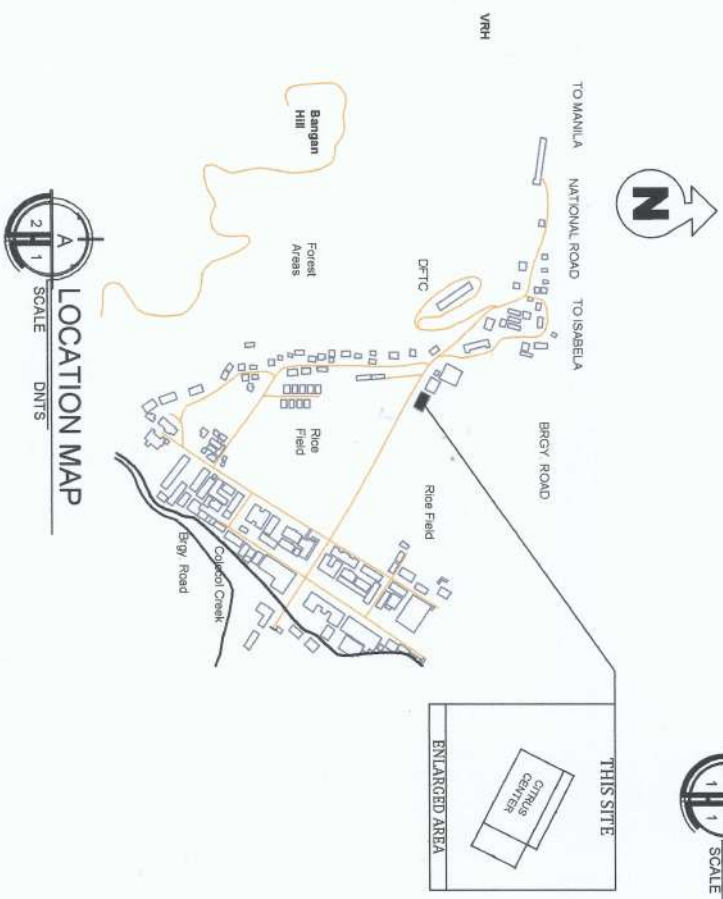
SANITARY

PLUMBING

ELECTRONICS

GEODETIC ENGINEER

PERSPECTIVES
SCALE 1:1 DNTS



PROJECT AND LOCATION: IMPROVEMENT OF CITRUS CENTER OF CITRUS CENTER NUBIA VIZAYA STATE UNIVERSITY - BAYOMBONG CAMPUS

PREPARED BY: SHANE MATHIAS G. HERRERA
Engineering No. 20

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ANDRESA SABUNGAN JR.
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EDWIN S. SORIANO
Structural Engineering

ARVIN M. MASTREROS
Civil Engineering

CARLO F. VADIL
VP for Planning, Development and Information System

WILFREDO A. DUMALE JR.
University President

SHEET NO. A 1



IMPROVEMENT OF CITRUS CENTER
NUSU
NUBIA VIZAYA STATE UNIVERSITY - BAYOMBONG CAMPUS