




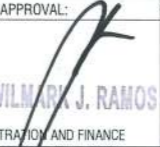





P E R S P E C T I V E V I E W

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|--|---|---|---|---|--|---|--------------------|------------|
|   <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING |  ENGR. EMIR LENARD S.F. SICANGCO <small>DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES</small> |  MR. WENCES S. MANEBOG <small>DRAFTSMAN, OFDM</small> |  AR. ARLEN V. GUIEB <small>DIRECTOR, OFDM</small> |  ATTY. WILMAR J. RAMOS <small>VP, ADMINISTRATION AND FINANCE</small> |  DR. ARNOLD E. VELASCO <small>PRESIDENT</small> | AS SHOWN | A-1 |
| PROJECT LOCATION: | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | DATE: AUGUST, 2024 | PAGE NO.: |



PERSPECTIVE VIEW FROM ENTRANCE



PERSPECTIVE VIEW FROM CLERK



PERSPECTIVE VIEW FROM UNIT HEAD



PERSPECTIVE VIEW FROM DIRECTORS OFFICE



TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:
REFURBISHMENT OF RED BUILDING

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR . EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
[Signature]
MR. VENCENES. MANEBOG
DRAFTSMAN - OFDM

CERTIFIED BY:
[Signature]
AR. ARLENOY. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
[Signature]
ATTY. WILMARK J. RAMOS
VP. ADMINISTRATION AND FINANCE

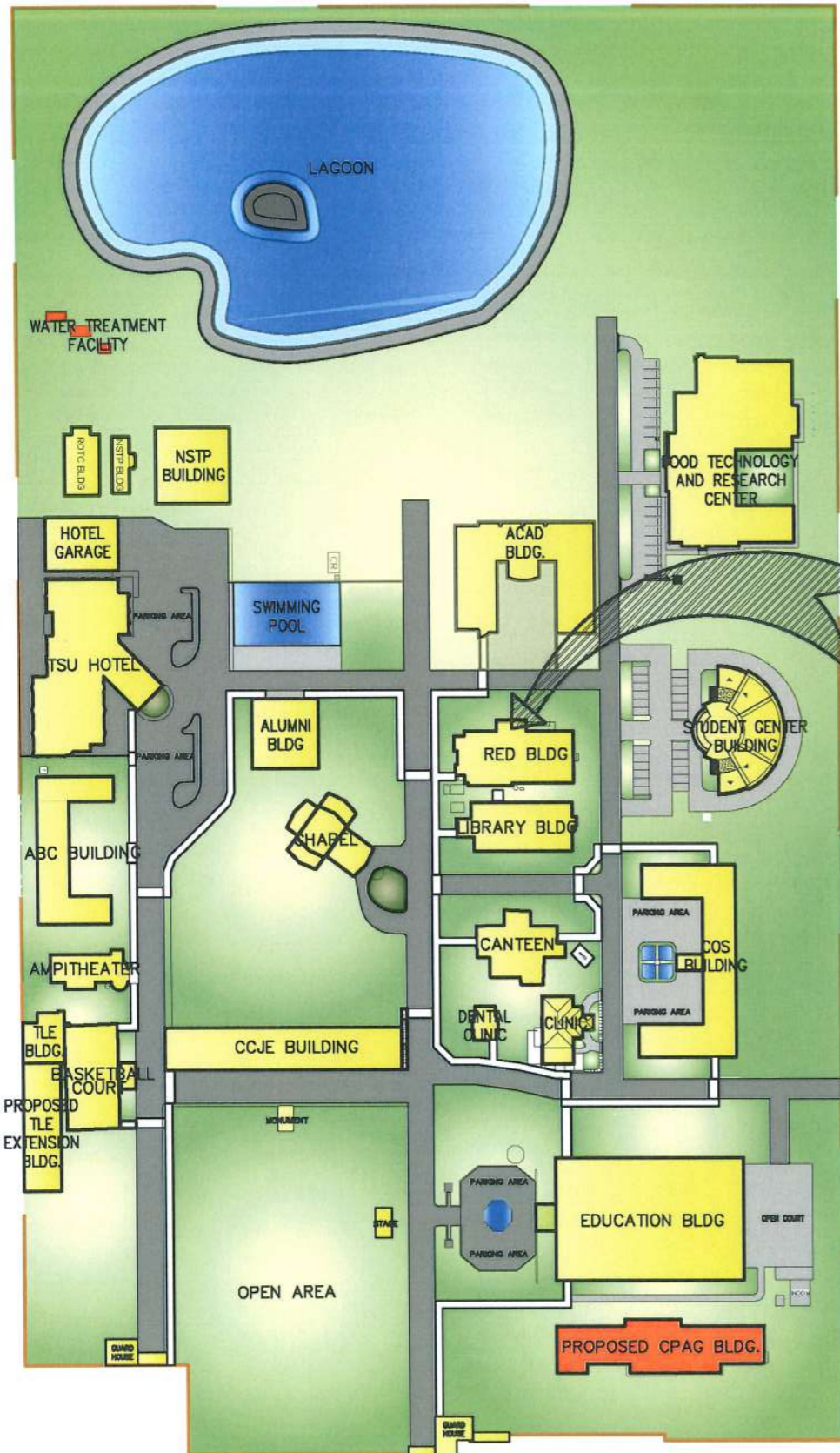
APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

DATE: AUGUST, 2024

SHEET NO:
A-2

PAGE NO:
02-41



LOCATION MAP

SCALE 1:2000

TO BAGUIO

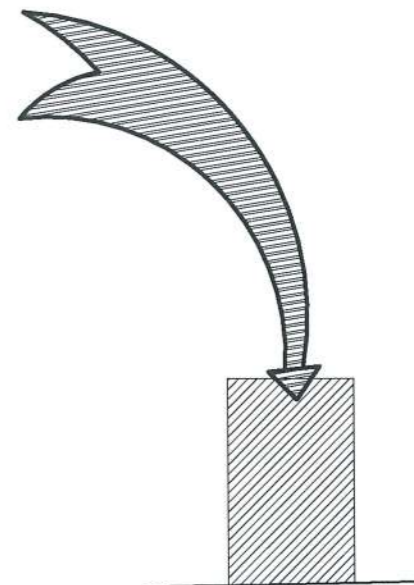


TO MANILA



COLLEGE OF THE HOLY SPIRIT

LUCINDA EXTENSION CAMPUS



SITE

VICINITY MAP

SCALE : NTS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

| | |
|-------------------|---|
| PROJECT TITLE: | REFURBISHMENT OF RED BUILDING |
| PROJECT LOCATION: | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY |

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|--------------------|--|
| REQUESTING OFFICE: | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES |
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| PREPARED BY: | MR. WENCIE S. MANEBOG DRAFTSMAN, OFDM |
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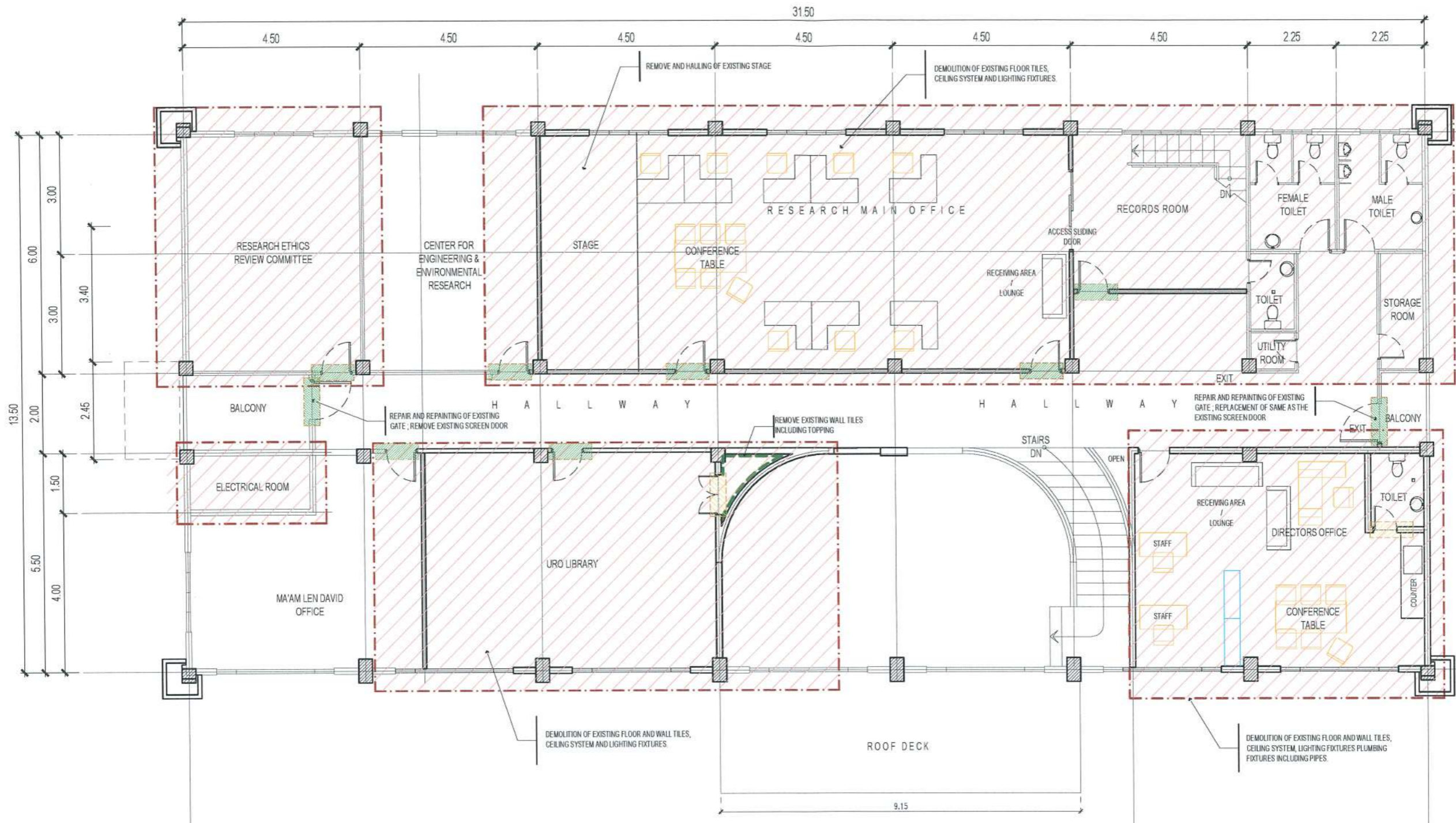
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|---------------|--------------------------------------|
| CERTIFIED BY: | AR. ARLEN M. GUIEB DIRECTOR, OFDM |
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| RECOMMENDING APPROVAL: | ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE |
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| APPROVED: | DR. ARNOLD E. VELASCO PRESIDENT |
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| SHEET CONTENTS: | AS SHOWN |
| DATE: | AUGUST, 2024 |

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| SHEET NO: | A-3 |
| PAGE NO: | 03-41 |

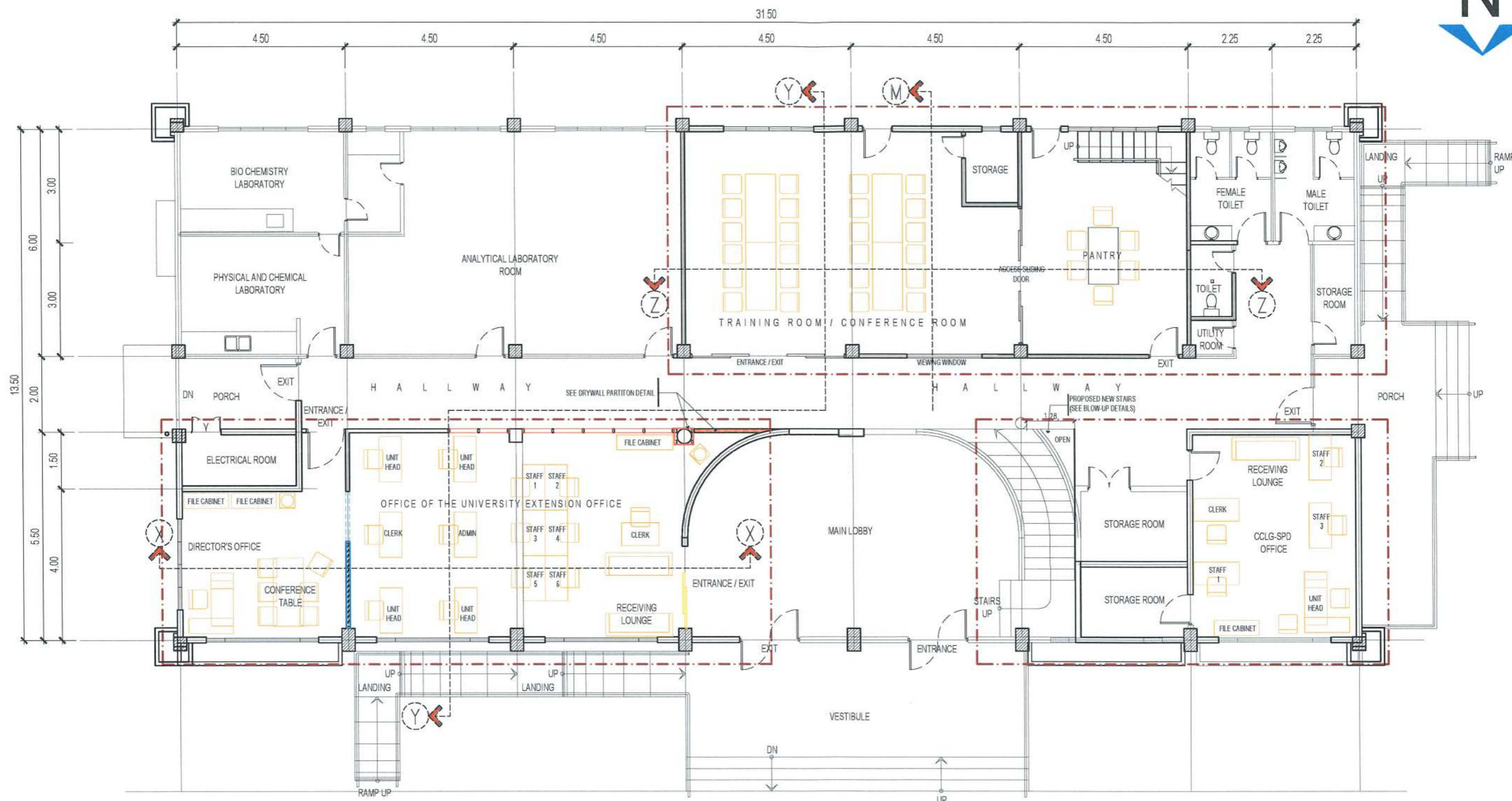


- LEGEND :**
- REPAIR AND REPAINTING OF EXISTING WOODEN DOOR AND JAMB (REPLACEMENT OF HEAVY DUTY DOOR KNOB)
 - FOR DEMOLITION (CHB WALL PARTITION, PANEL DOOR AND JAMB)
 - FOR REFURBISHMENT (REPAIR AND REPAINTING)

EXISTING SECOND FLOOR PLAN

SCALE 1:110M







| | | | | | | | | |
|--|--|---|---|---|--|---|-----------------------------|---|
| | TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small> | PROJECT TITLE: REFURBISHMENT OF RED BUILDING | REQUESTING OFFICE: ENGR. EMIR LENARD S.F. SICANGCO <small>DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES</small> | PREPARED BY: MR. WENCIE S. MANEBOG <small>DRAFTSMAN, OEDM</small> | CERTIFIED BY: ATTY. WILMARK J. RAMOS <small>VP, ADMINISTRATION AND FINANCE</small> | RECOMMENDING APPROVAL: DR. ARNOLD E. VELASCO <small>PRESIDENT</small> | SHEET CONTENTS: AS SHOWN | SHEET NO: A-5 PAGE NO: 05-41 |
| | PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | DATE: AUGUST, 2024 | |

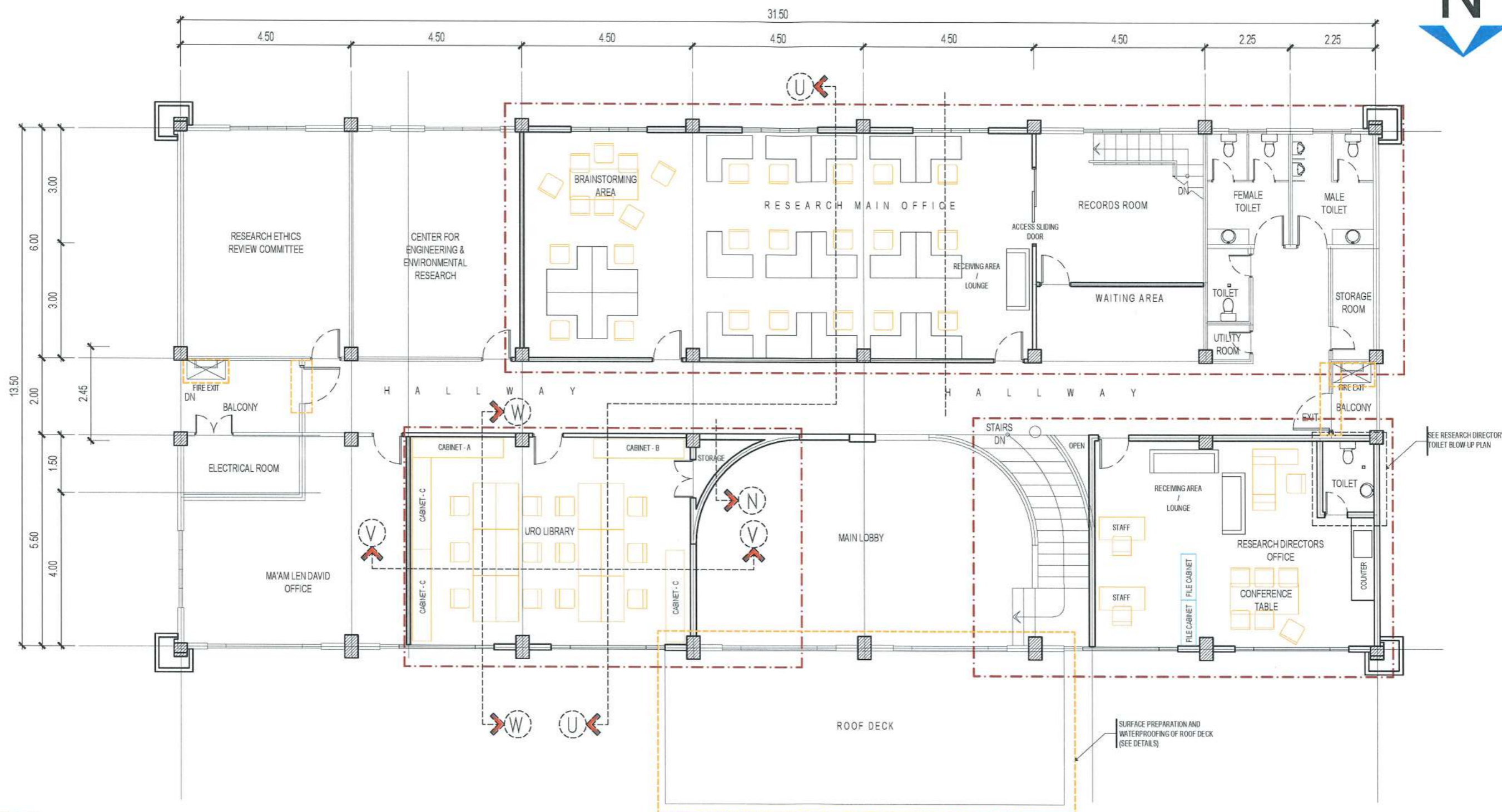


NOTE:
 REPAINTING OF EXISTING INTERIOR AND AFFECTED EXTERIOR WALL AND CEILING INCLUDING PROPOSED DRYWALL PARTITION FOR ALL REFURBISHMENT ROOM (SEMI-GLOSS LATEX FOR WALL AND FLAT LATEX FOR CEILING)

PROPOSED GROUND FLOOR PLAN

SCALE 1:110M

| | | | | | | | | |
|---|---|---|---|---|---|---|--------------------|------------|
|  TARLAC STATE UNIVERSITY Facilities Development and Management Office Ramulo Boulevard, Tarlac City, Philippines 2300 | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING |  ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES |  MR. WENCIES S. MANEBOG DRAFTSMAN - OFDM |  ATTY. ARLEN M. GUIEB DIRECTOR, OFDM |  ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE |  DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | A-6 |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | DATE: AUGUST, 2024 | 06-41 |



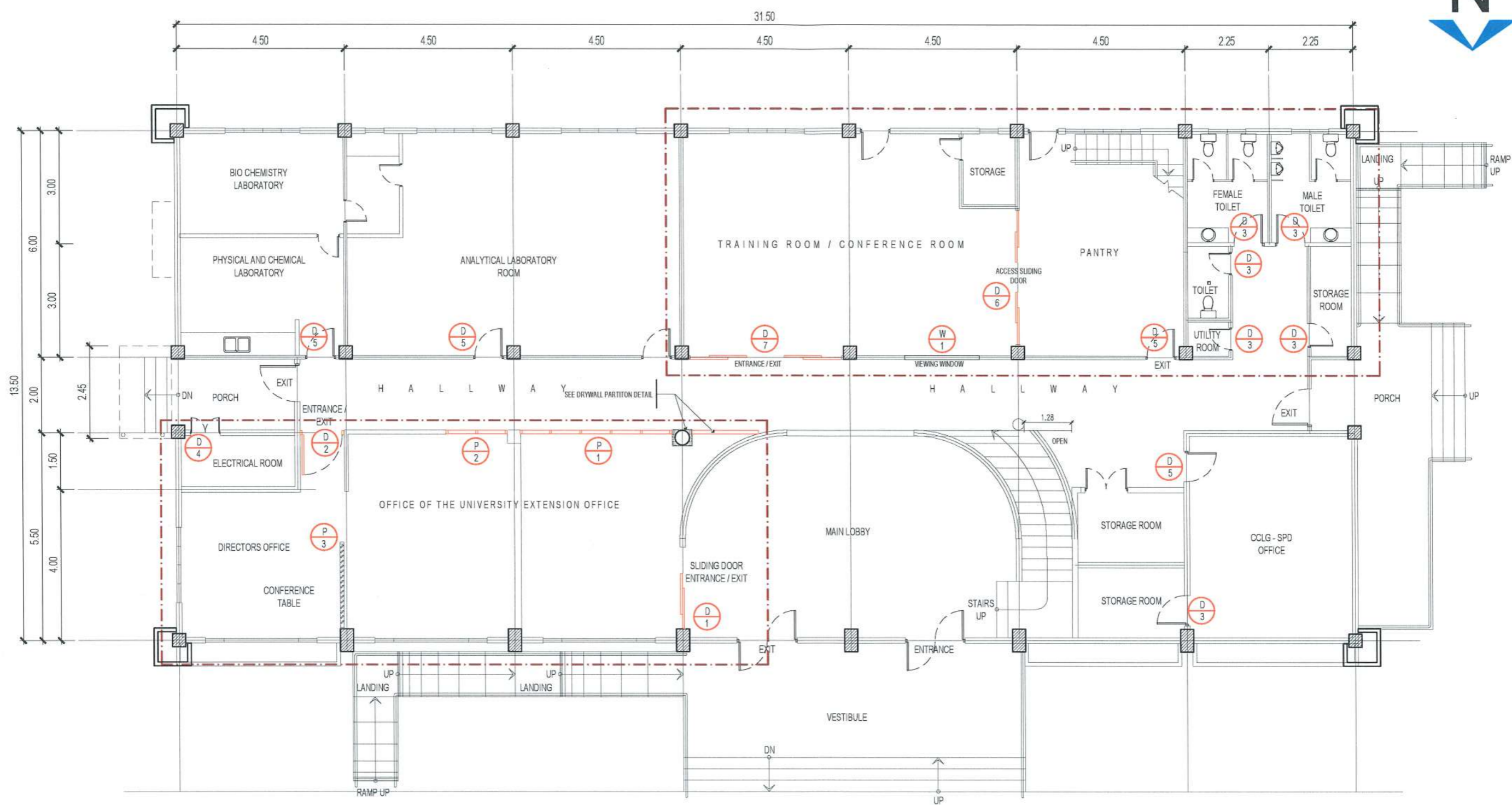
LEGEND :
 FOR REPAIR

NOTE:
 REPAINTING OF EXISTING INTERIOR AND AFFECTED EXTERIOR WALL AND CEILING INCLUDING PROPOSED DRYWALL PARTITION FOR ALL REFURBISHMENT ROOM (SEMI-GLOSS LATEX FOR WALL AND FLAT LATEX FOR CEILING)

PROPOSED SECOND FLOOR PLAN



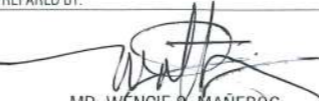


SCALE 1:110M

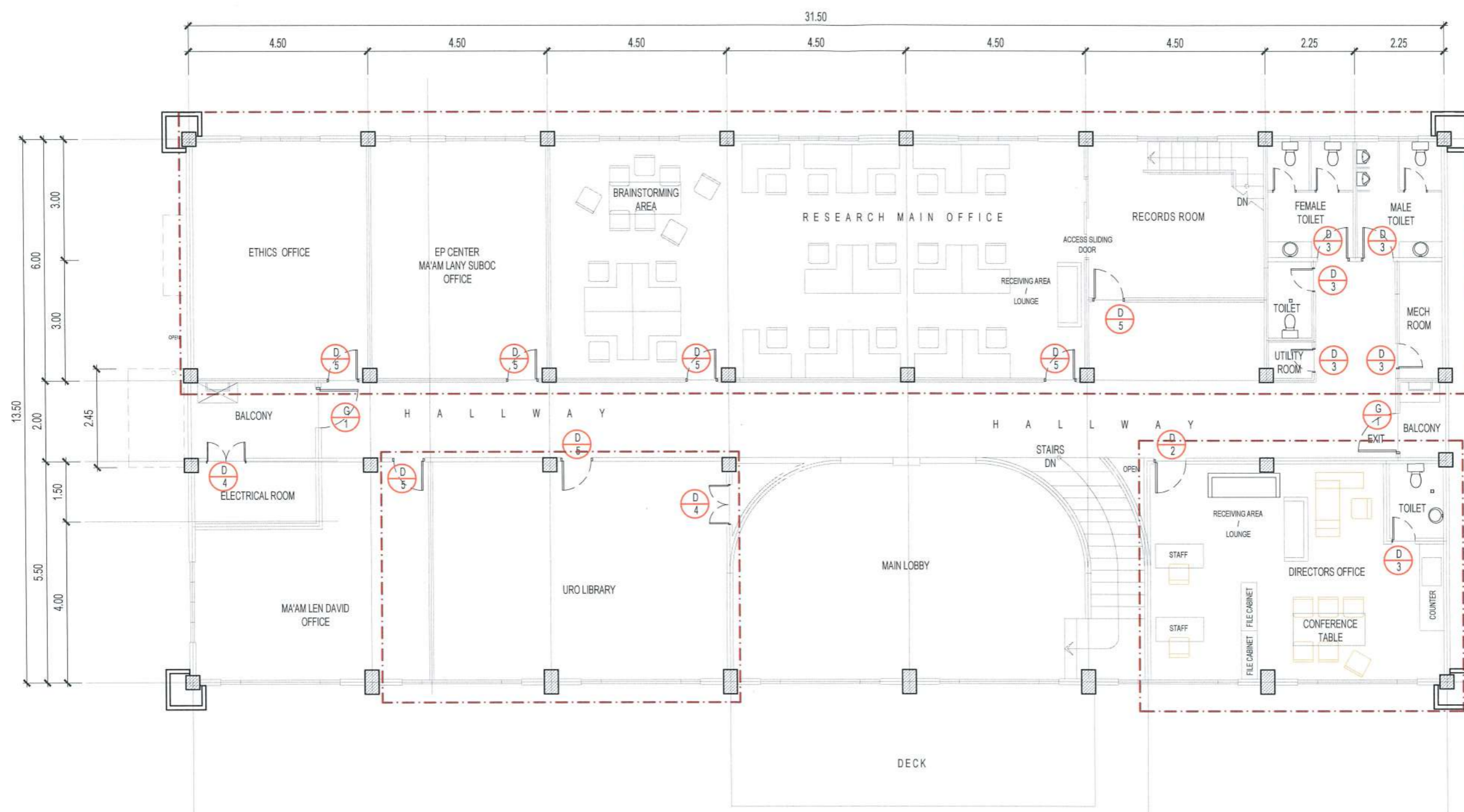
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| TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Nomulo Boulevard, Tarlac City, Philippines 2300</small> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO <small>DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES</small> | MR. WENCIE S. MANABOG <small>DRAFTSMAN, OFDM</small> | ATTY. WILMAR J. RAMOS <small>VP, ADMINISTRATION AND FINANCE</small> | DR. ARNOLD E. VELASCO <small>PRESIDENT</small> | AS SHOWN | A-7 |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | DATE: AUGUST, 2024 | PAGE NO.: 07-41 |



GROUND FLOOR DOOR & WINDOW CALLOUTS

SCALE 1:100M



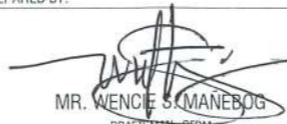



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|  TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300 | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | | |  |  |  |  | AS SHOWN | A-8 |
| | PROJECT LOCATION: | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | MR. WENCIE S. MANEBOG DRAFTSMAN, OFDM | ATTY. VALMARK S. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | DATE: AUGUST, 2024 | | PAGE NO.: |
| LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | 08-41 | |

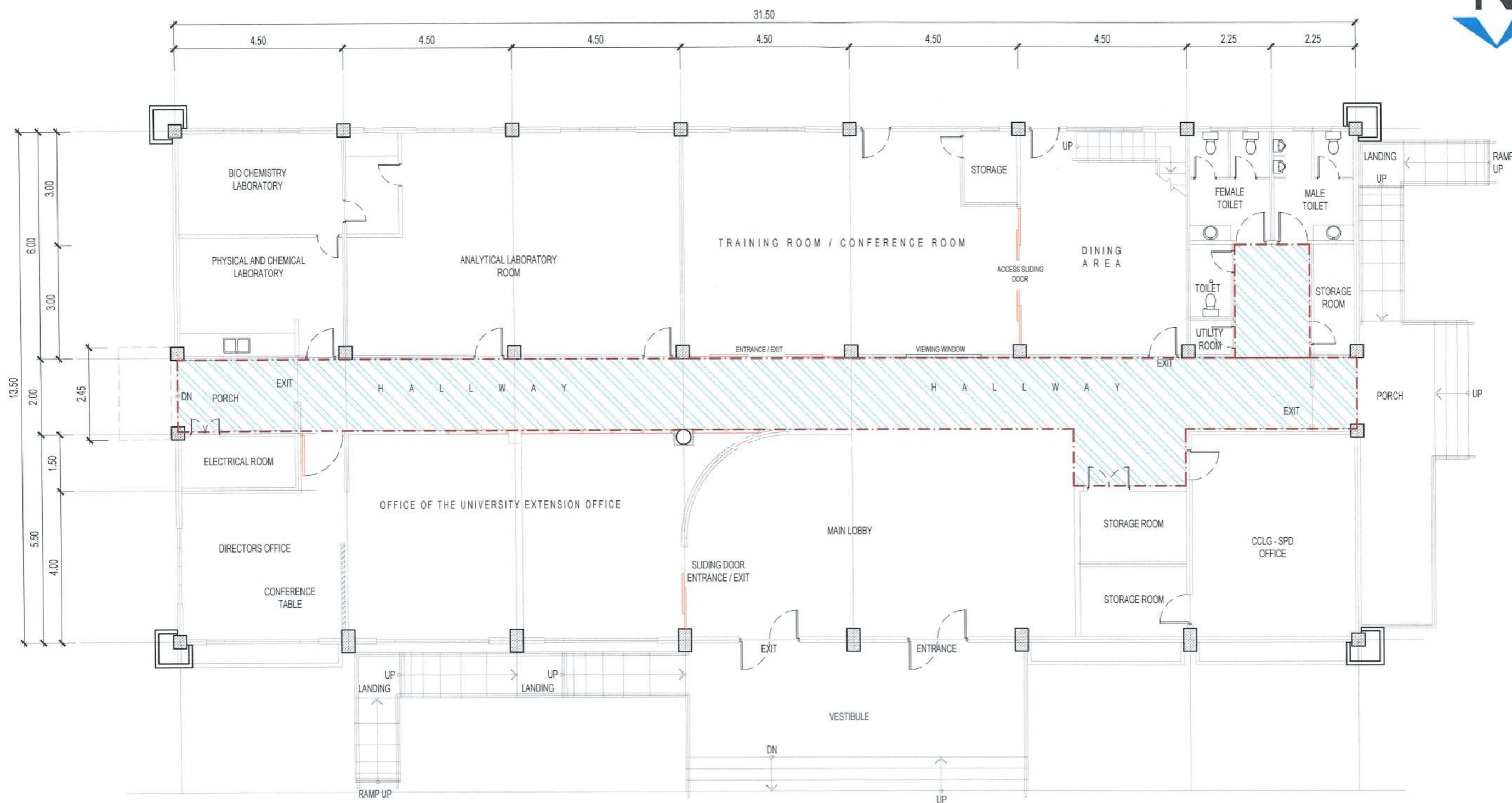


SECOND FLOOR DOOR & WINDOW CALLOUTS


SCALE 1:100M

4.5 MM THK. FICEM BOARD ON METAL
FURRING SYSTEM (FLAT LATEX PAINT FINISH)

| | | | | | | | | | |
|---|---|--------------------|---|---|---|---|---|--------------------|-------|
|  TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300 | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
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| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | DATE: AUGUST, 2024 | 09-41 |



LEGEND :

 CEILING AREA TO BE REPAIR & REPAINT
(FLAT LATEX PAINT FINISH INCLUDING SCRAPPING OF
OLD PAINTS, SURFACE PREPARATION AND PRIMER)


REPAINTING OF GROUND FLOOR CEILING AT HALLWAY

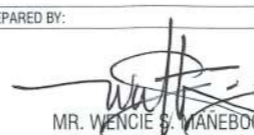
SCALE 1:100M




TARLAC STATE UNIVERSITY
Facilities Development and
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Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:
REFURBISHMENT OF RED BUILDING
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

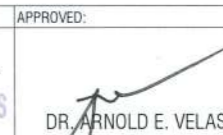
REQUESTING OFFICE:

ENGR . EMIR LEONARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:

MR. WENCIE S. MANEBOG
DRAFTSMAN, DEPT.

CERTIFIED BY:

ATTY. ARLEN M. GUIEB
DIRECTOR, OFDM

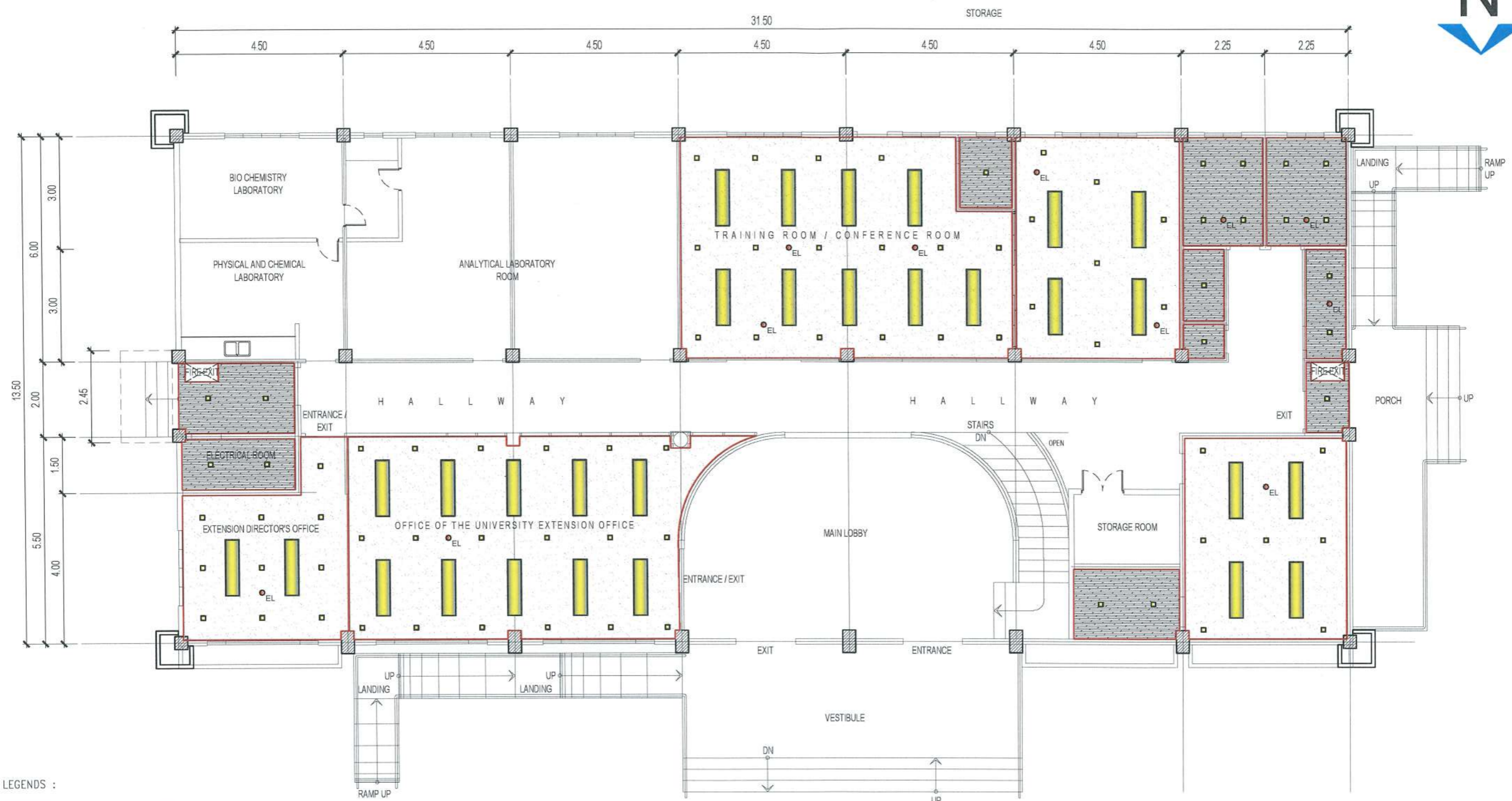
RECOMMENDING APPROVAL:





ATTY. WILMAR J. RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:

DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: AUGUST, 2024



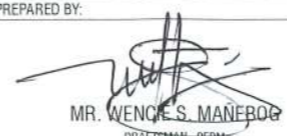



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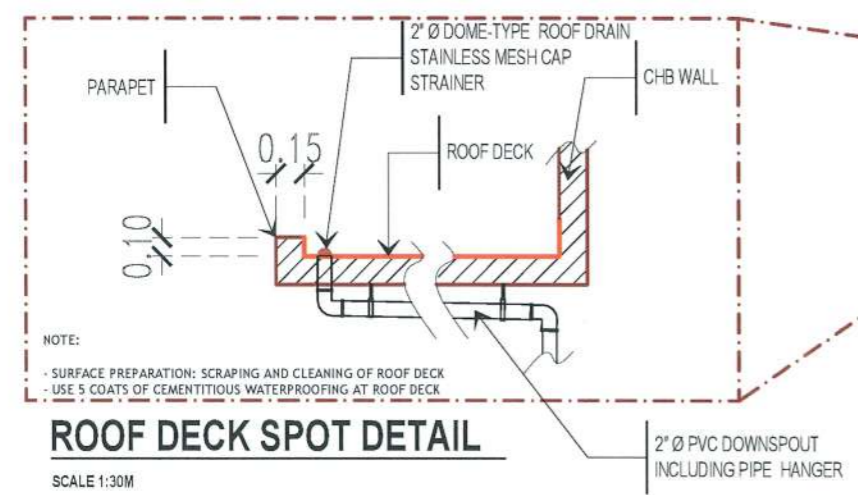
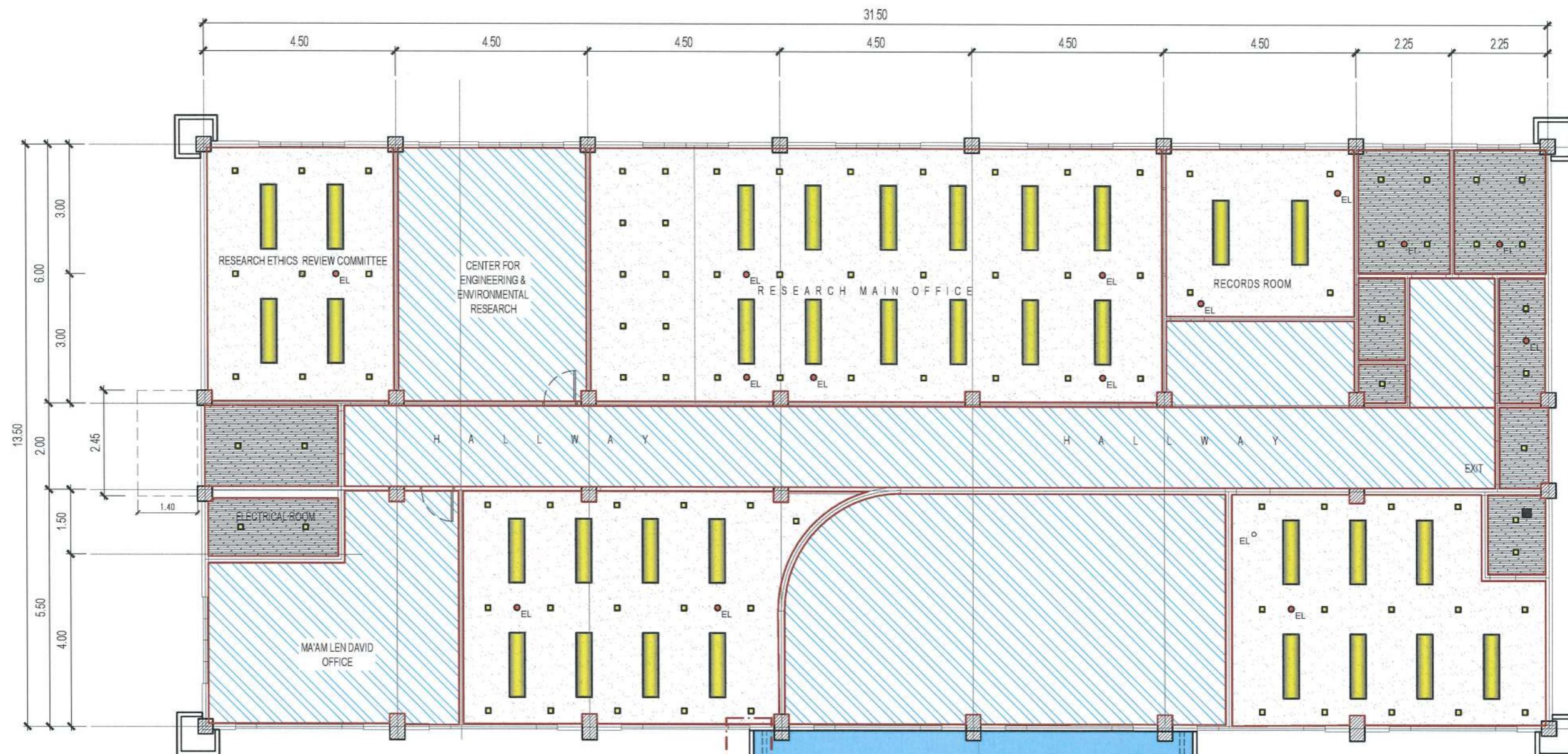


- LEGENDS :**
-  2 - 18 Watts T8 Tube Light with Louver and Recessed Housing
 -  6 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight]
 -  3 Watts Recessed LED Emergency Light [Ceiling Mounted]
 -  9MM THK. GYPSUM BOARD ON METAL FURRING SYSTEM (FLAT LATEX PAINT FINISH)
 -  4.5MM THK. FICEM BOARD ON METAL FURRING SYSTEM (FLAT LATEX PAINT FINISH)

GROUND FLOOR REFLECTED CEILING PLAN

SCALE 1:100M

| | | | | | | | | | |
|---|--|---|--|--|---|--|---|-----------------------------|--|
|  | TARLAC STATE UNIVERSITY <small>Facilities Development and Management Office Namulo Boulevard, Tarlac City, Philippines 2300</small> | PROJECT TITLE: REFURBISHMENT OF RED BUILDING | REQUESTING OFFICE:  ENGR. EMIR LENARD S.F. SICANGCO <small>DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES</small> | PREPARED BY:  MR. WENCES S. MANERO <small>DRAFTSMAN - OFDM</small> | CERTIFIED BY:  AR. ARLEN M. GUIEB <small>DIRECTOR, OFDM</small> | RECOMMENDING APPROVAL:  ATTY. WILMARK J. RAMOS <small>VP, ADMINISTRATION AND FINANCE</small> | APPROVED:  DR. ARNOLD E. VELASCO <small>PRESIDENT</small> | SHEET CONTENTS: AS SHOWN | SHEET NO.: A-11 PAGE NO.: 11-41 DATE: AUGUST, 2024 |
| | PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | | |



SECOND FLOOR REFLECTED CEILING PLAN

SCALE 1:100M

PROVISION OF 2" Ø DOWNSPOUT INCLUDING PIPE HANGER

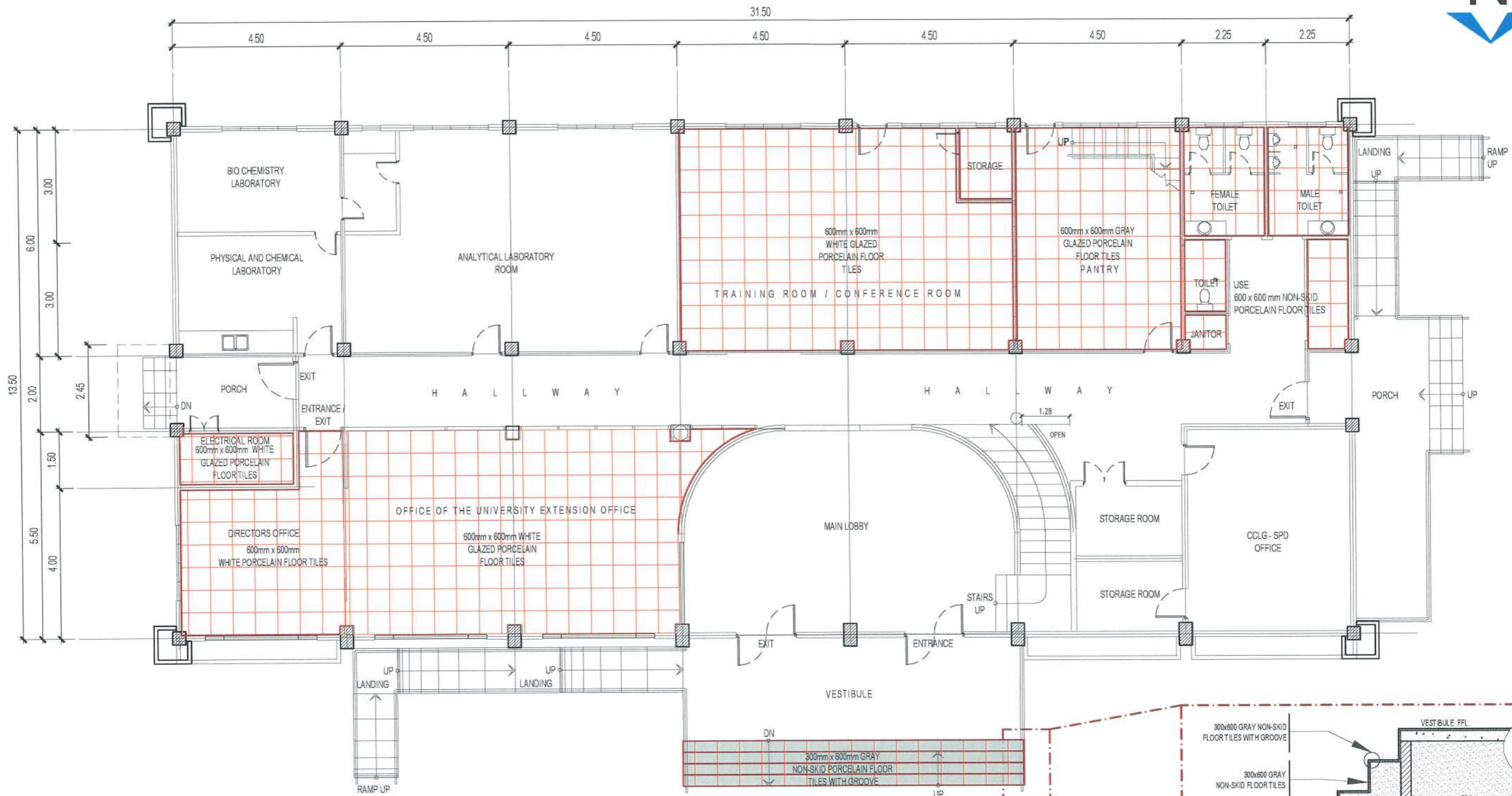
- LEGENDS :**
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 - 6 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight]
 - 3 Watts Recessed LED Emergency Light [Ceiling Mounted]
 - 9MM THK. GYPSUM BOARD ON METAL FURRING SYSTEM (FLAT LATEX PAINT FINISH)
 - 4.5 MM THK. FICEM BOARD ON METAL FURRING SYSTEM (FLAT LATEX PAINT FINISH)
 - CEILING AREA TO BE REPAIR & REPAINT (FLAT LATEX PAINT FINISH INCLUDING SCRAPPING OF OLD PAINTS, SURFACE PREPARATION AND PRIMER)

NOTE:
 - SURFACE PREPARATION: SCRAPPING AND CLEANING OF ROOF DECK
 - USE 5 COATS OF CEMENTITIOUS WATERPROOFING AT ROOF DECK

ROOF DECK SPOT DETAIL
 SCALE 1:30M

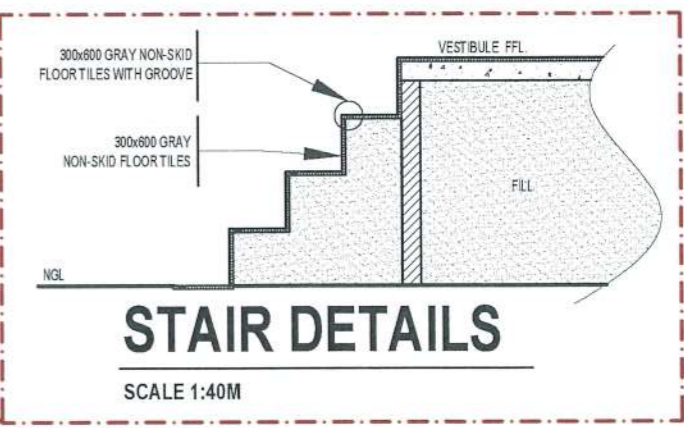
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| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | MR. WENCIEL S. MANABOG DRAFTSMAN - OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | A-12 |
| | PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | DATE: AUGUST, 2024 | PAGE NO: 12-41 |

SEE DRYWALL PARTITION DETAIL



GROUND FLOOR TILE PATTERN LAYOUT

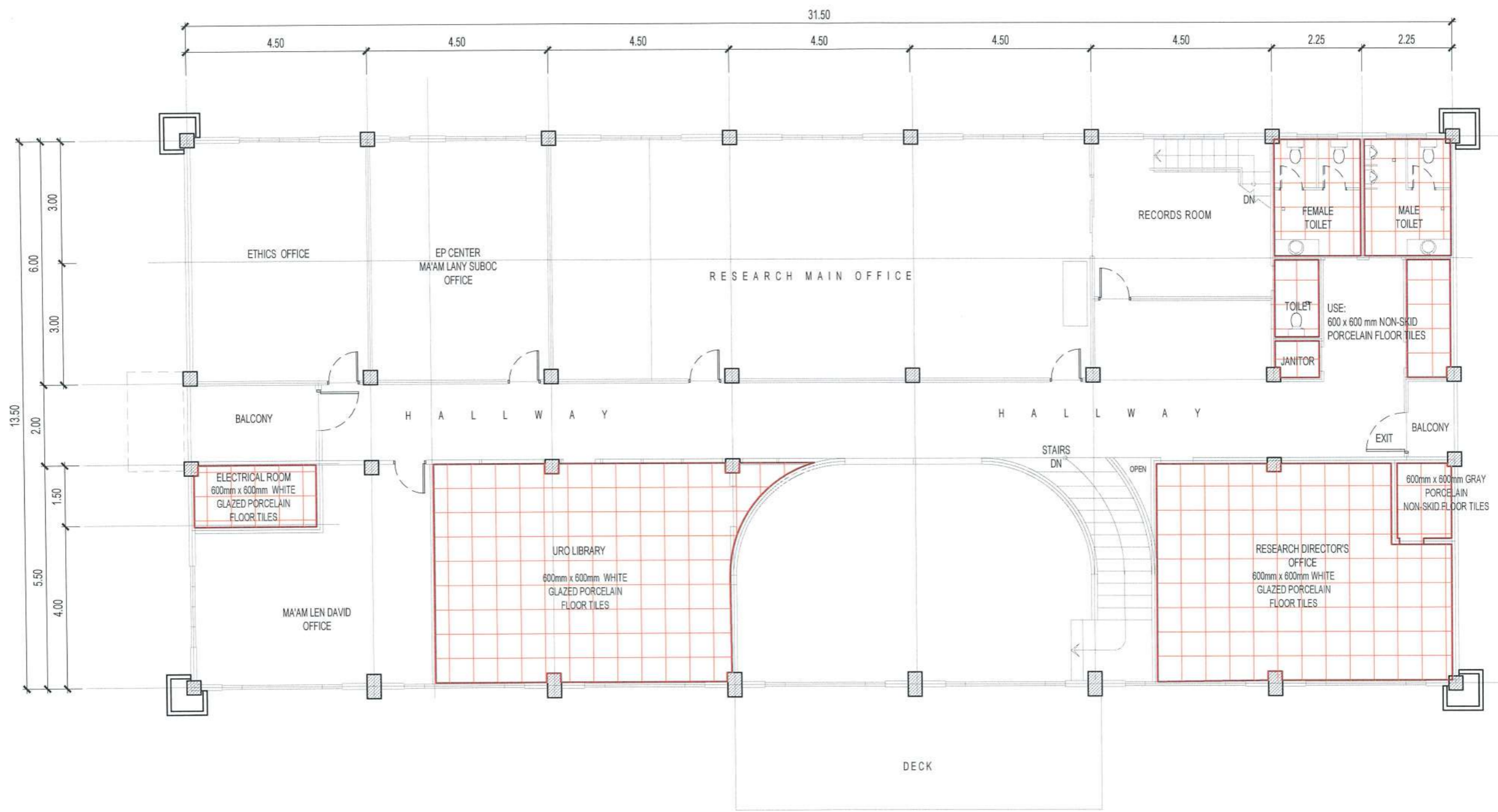
SCALE 1:100M



STAIR DETAILS

SCALE 1:40M

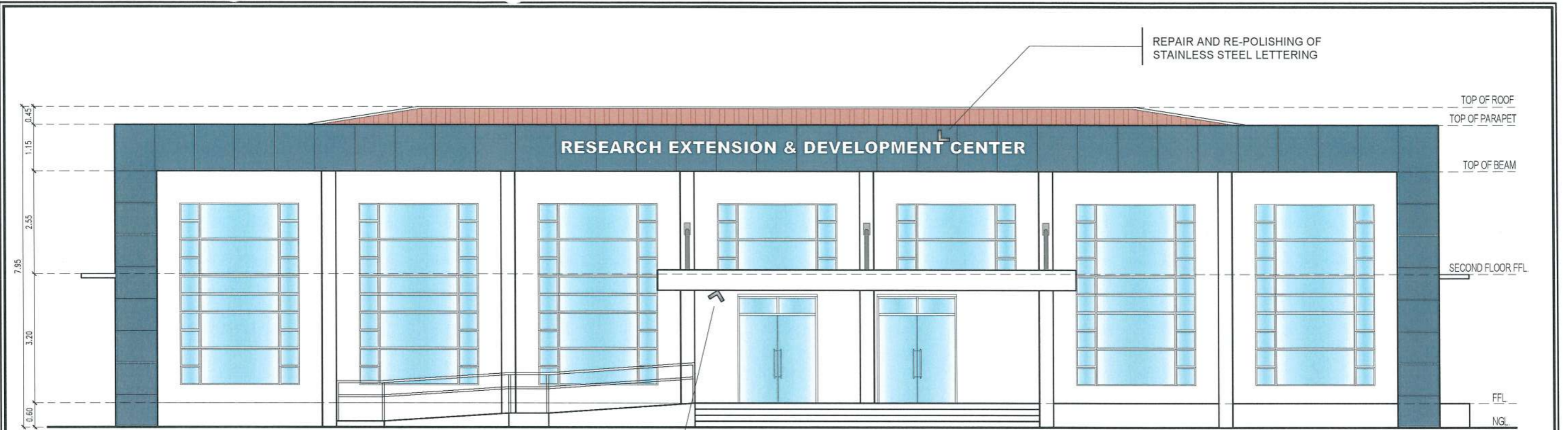
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| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Bumulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | MR. WENCIEL S. MANEBOG DRAFTSMAN - OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMAR J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | A-13 |
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SECOND FLOOR TILE PATTERN LAYOUT

SCALE 1:100M

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|--|---|--|--|--|--|--|--------------------|----------------|
| TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
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| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | DATE: AUGUST, 2024 | PAGE NO. 14-41 |



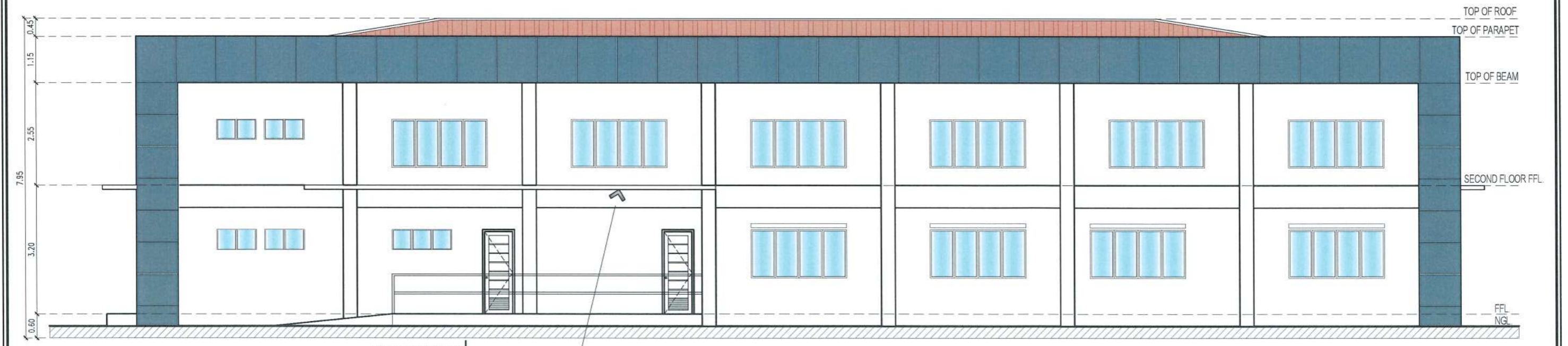
RESEARCH EXTENSION & DEVELOPMENT CENTER

REPAIR AND RE-POLISHING OF STAINLESS STEEL LETTERING

REPAINTING OF SLAB SOFFIT

FRONT ELEVATION


SCALE 1:100M

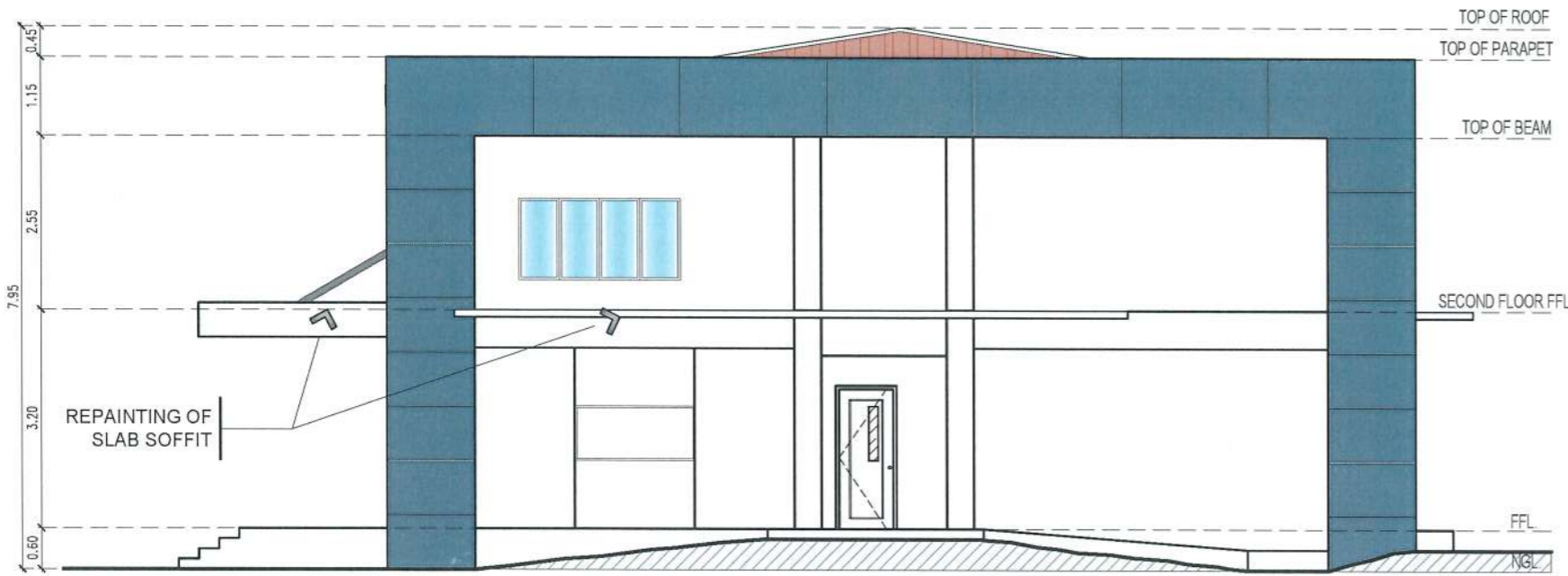


REPAINTING OF CANOPY SOFFIT

REAR ELEVATION

SCALE 1:100M

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|  TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300 | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
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| LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | | 15-41 |



RIGHT - SIDE ELEVATION

SCALE 1:100M

| | |
|--|---|
| | SURFACE PREPARATION; SCRAPING OF OLD PAINT ; 3 COATS OF SEMI-GLOSS LATEX PAINT (OFF-WHITE) |
| | SURFACE PREPARATION; SCRAPING OF OLD PAINT ; 3 COATS OF SEMI-GLOSS LATEX PAINT (GRAY) |
| | STEEL SURFACE PREPARATION; SCRAPING OF OLD PAINT ; 3 COATS OF ENAMEL PAINT (BLACK) |



LEFT - SIDE ELEVATION

SCALE 1:100M

NOTE :

1. SURFACE PREPARATION IS A MUST. APPLICATION OF CONCRETE EPOXY A & B OR EQUIVALENT IN ALL WALL CRACKS.
2. REPAIR & RE-PAINTING OF ALL WINDOW FRAMES, STEEL RAILINGS & SLAB BAR SUPPORT USING ENAMEL PAINT (INTERIOR & EXTERIOR SIDE).
3. REPAIR & RE-PAINTING OF ALL AIR-CONDITION UNIT FRAMING USING ENAMEL PAINT.
4. APPLICATION OF SKIMCOAT/ BODY FILLER PRIOR TO TOPPING OF PRIMER AND TOPCOATS OF PAINT.
5. TYPE OF PAINT TO BE USED MUST BE APPROVED BY THE PROJECT IN-CHARGE.
6. REPAIR AND RE-POLISHING OF STAINLESS STEEL LETTERING.



TARLAC STATE UNIVERSITY
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| PROJECT LOCATION: | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY |

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| REQUESTING OFFICE: | ENGR. EMIR LEONARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES |
|--------------------|---|

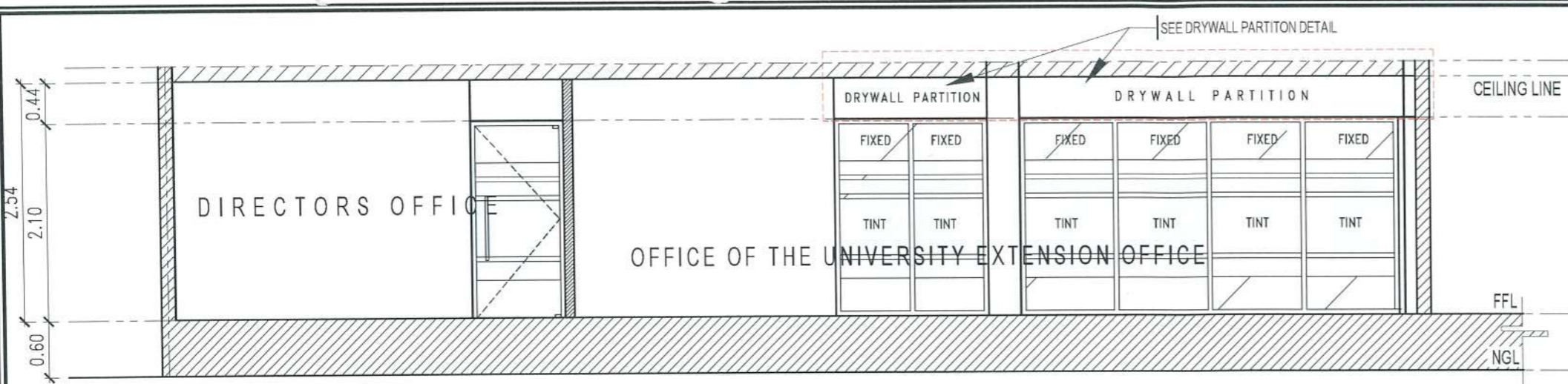
| | |
|--------------|--|
| PREPARED BY: | MR. WENCJE S. MANEBOG DRAFTSMAN, OFDM |
|--------------|--|

| | |
|---------------|--------------------------------------|
| CERTIFIED BY: | AR. ARLEN M. GUIEB DIRECTOR, OFDM |
|---------------|--------------------------------------|

| | |
|------------------------|--|
| RECOMMENDING APPROVAL: | ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE |
|------------------------|--|

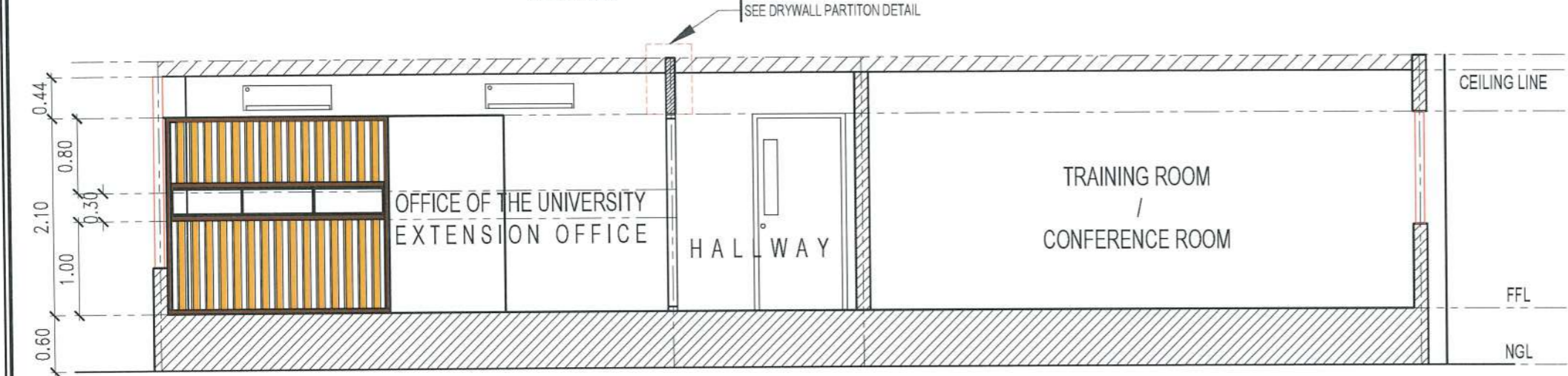
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|-----------|------------------------------------|
| APPROVED: | DR. ARNOLD E. VELASCO PRESIDENT |
|-----------|------------------------------------|

| | |
|-----------------|--------------|
| SHEET CONTENTS: | AS SHOWN |
| SHEET NO.: | A-16 |
| PAGE NO.: | 16-41 |
| DATE: | AUGUST, 2024 |



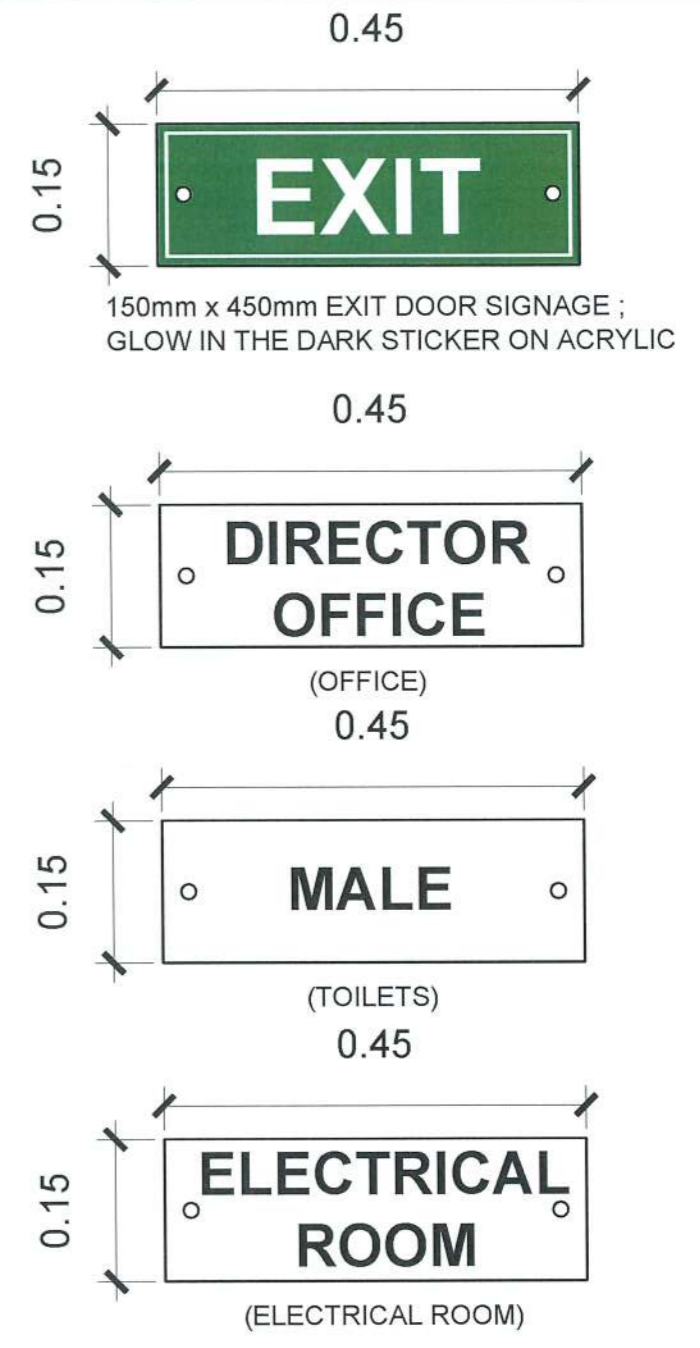
SECTION THRU (X-X)

SCALE 1:60M



SECTION THRU (Y-Y)

SCALE 1:60M



SIGNAGE SPECIFICATION:
 PROPORTIONED LETTERING ON 3mm thk. CLEAR ACRYLIC GLASS
 WITH 2pcs. 8mmx17mm ACRYLIC
 GLASS FIXING BOLT SCREWS

NOTE: THE FONT STYLE, FONT SIZE, TEXT CONTENT
 SHALL BE FOR APPROVAL.

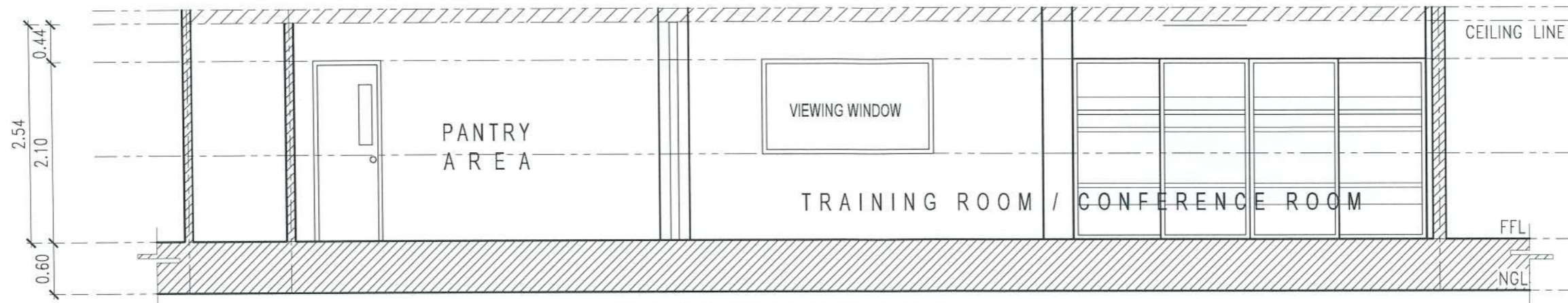
TYPICAL SIGNAGE DETAIL

SCALE 1:8M

| GROUND FLOOR OFFICES SIGNAGE | |
|------------------------------|---|
| 1 | OFFICE OF THE UNIVERSITY EXTENSION OFFICE |
| 2 | DIRECTOR OFFICE |
| 3 | ANALYTICAL AND TESTING LABORATORY UNIT |
| 4 | TRAINING ROOM |
| 5 | CCLG - SPD OFFICE |

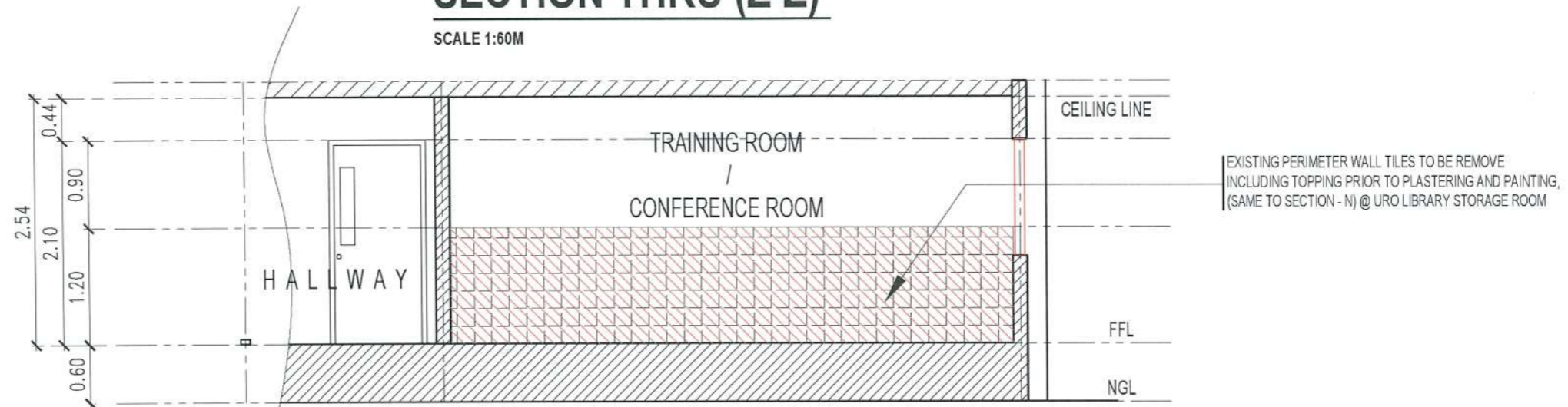
| SECOND FLOOR OFFICES SIGNAGE | |
|------------------------------|---|
| 1 | UNIVERSITY RESEARCH OFFICE |
| 2 | DIRECTOR OFFICE |
| 3 | UNIVERSITY RESEARCH OFFICE LIBRARY |
| 4 | CENTER FOR PEACE, INDIGENOUS PEOPLES RESOURCES AND DEVELOPMENT |
| 5 | RESEARCH ETHICS AND REVIEW COMMITTEE |
| 6 | CENTER FOR ENGINEERING AND ENVIRONMENTAL RESEARCH |

| TYPICAL SIGNAGES | | |
|------------------|-----------------|--------|
| 1 | MALE | 2 SETS |
| 2 | FEMALE | 2 SETS |
| 3 | ELECTRICAL ROOM | 2 SETS |
| 4 | EXIT | 2 SETS |



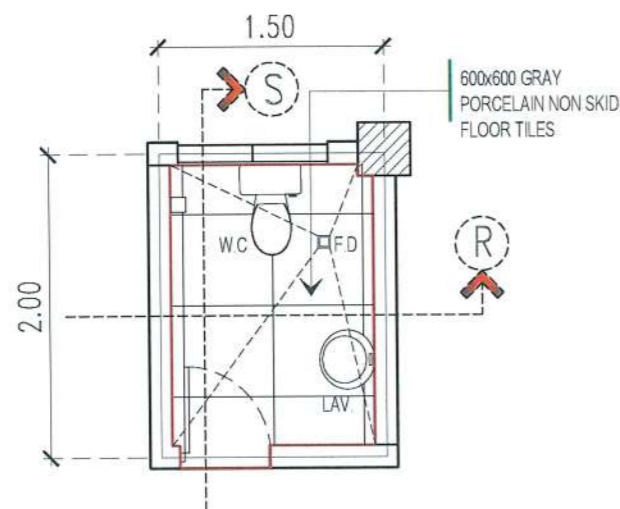
SECTION THRU (Z-Z)

SCALE 1:60M



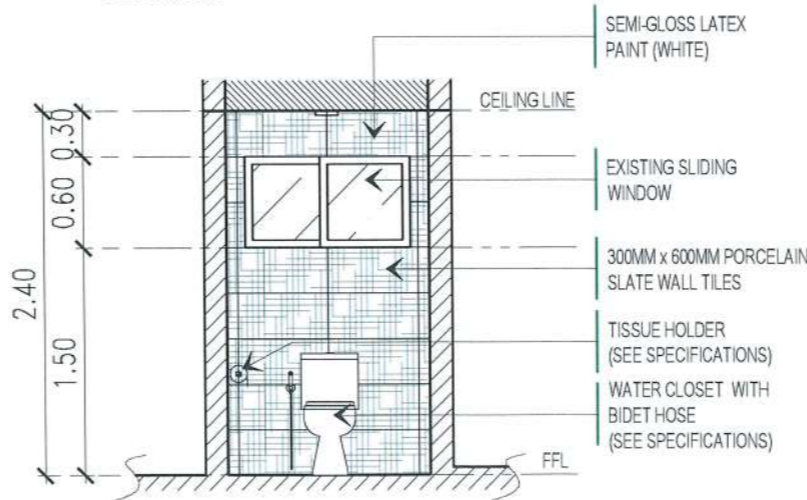
SECTION THRU - M

SCALE 1:60M



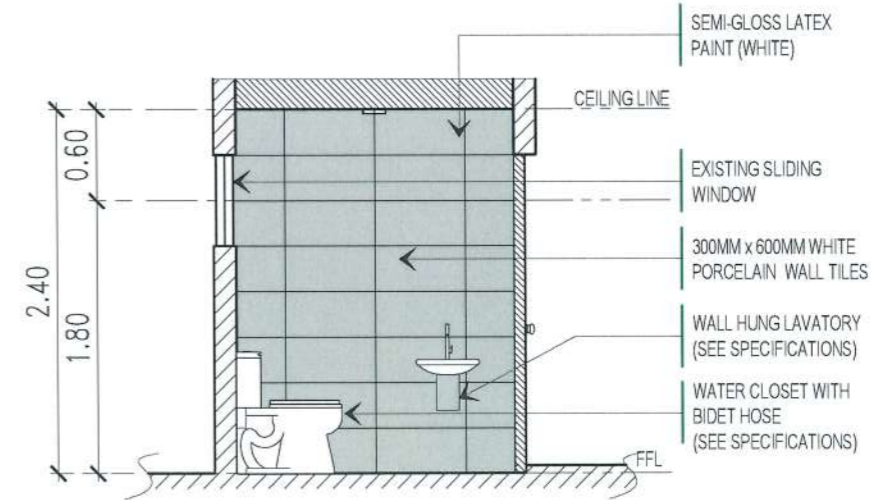
DIRECTORS TOILET PLAN

SCALE 1:50M



SECTION THRU - R

SCALE 1:60M



SECTION THRU - S

SCALE 1:60M



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:
REFURBISHMENT OF RED BUILDING

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
MR. WENCKE S. MANEBOG
GRACISMAN, OFDM

CERTIFIED BY:
AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
ATTY. WILMARK J. RAMOS
VP, ADMINISTRATION AND FINANCE

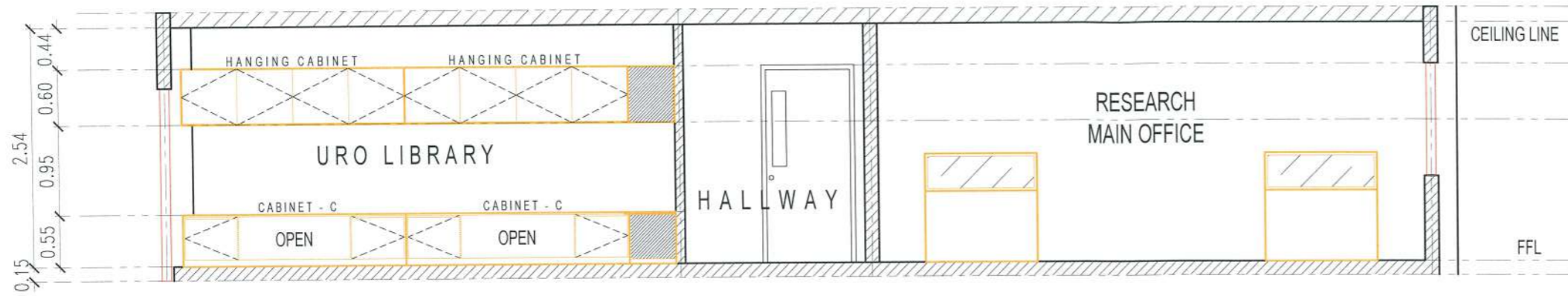
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

DATE: AUGUST, 2024

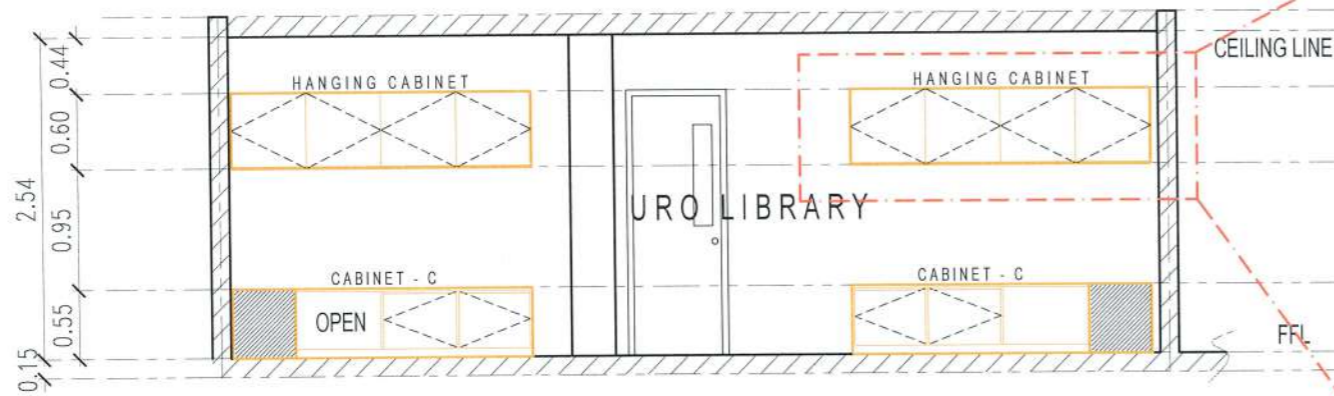
SHEET NO:
A-18

PAGE NO:
18-41



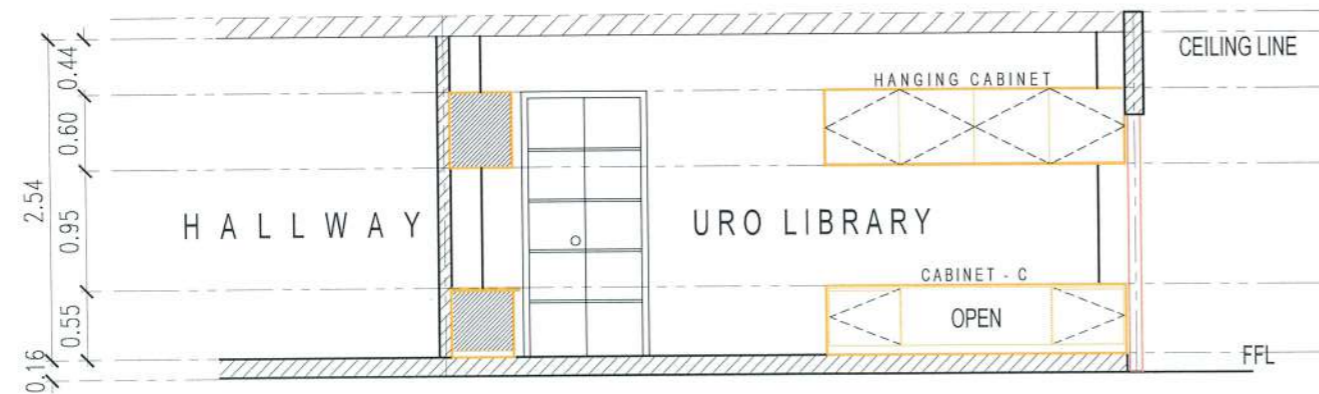
SECTION THRU (U-U)

SCALE 1:60M



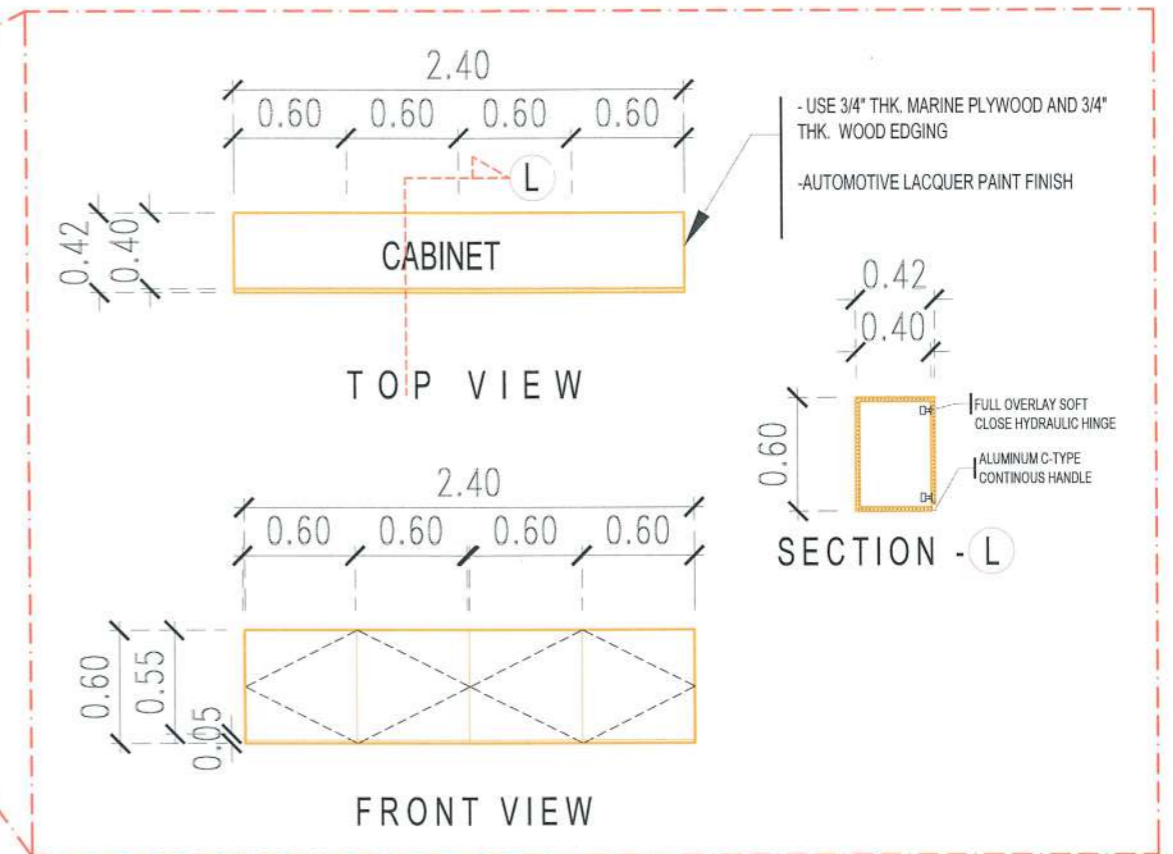
SECTION THRU (V-V)

SCALE 1:60M



SECTION THRU (W-W)

SCALE 1:60M



TYPICAL HANGING CABINET DETAILS

SCALE 1:40M

NOTE :

- FABRICATION OF 5 SETS TYPICAL HANGING CABINETS
- USE 3/4" THK. MARINE PLYWOOD AND 3/4" THK. WOOD EDGING
- USE FULL-OVERLAY SOFT CLOSE CONCEALED HYDRAULIC HINGES
- USE ALUMINUM C-TYPE CONTINUOUS CABINET HANDLE
- USE MAGNETIC LATCH IN ALL CABINET OPENING
- AUTOMOTIVE LACQUER PAINT FINISH



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

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LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LEMARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
MR. WENCIE S. MAÑEBOG
DRAFTER/ANALYST - CEDM

CERTIFIED BY:
AR. ARLEN G. GUIB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
ATTY. VALMARK J. RAMOS
VP, ADMINISTRATION AND FINANCE

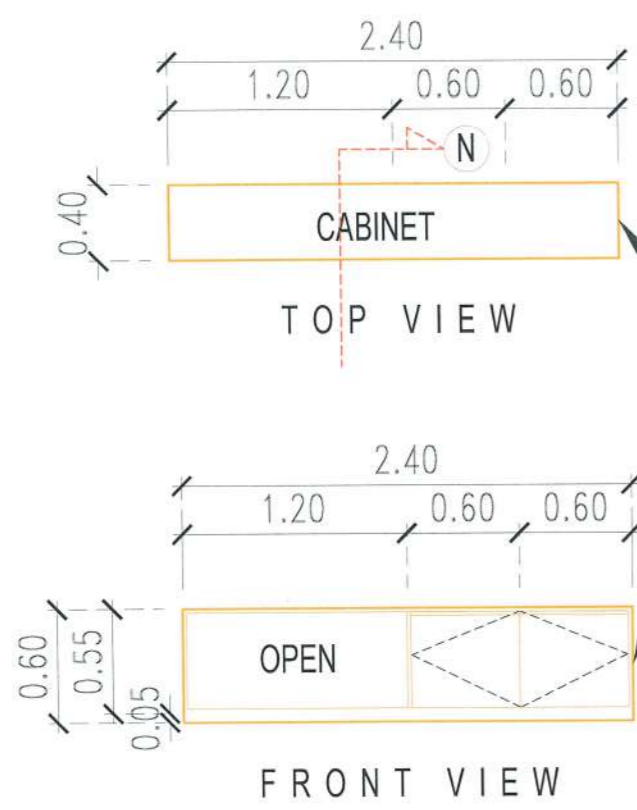
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

SHEET NO:
A-19

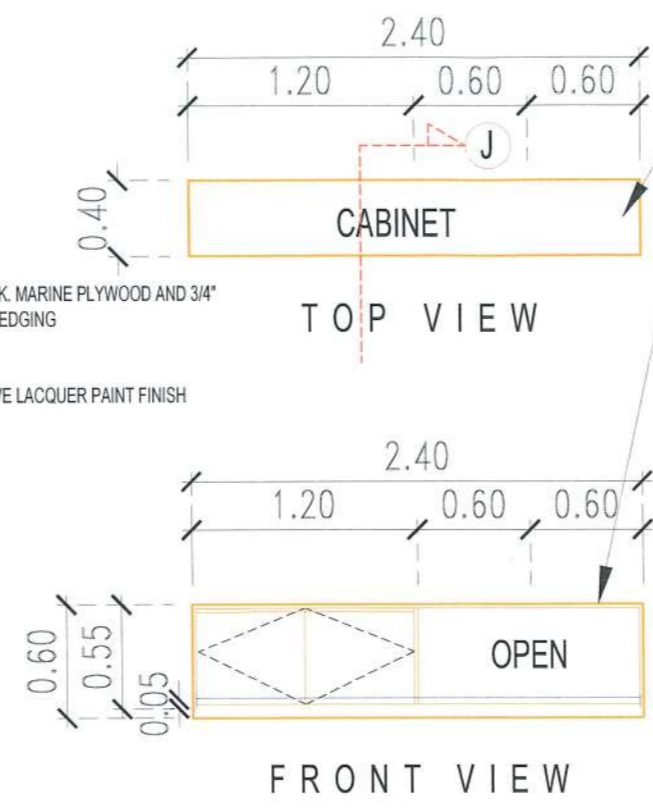
PAGE NO:
19-41

DATE: AUGUST, 2024



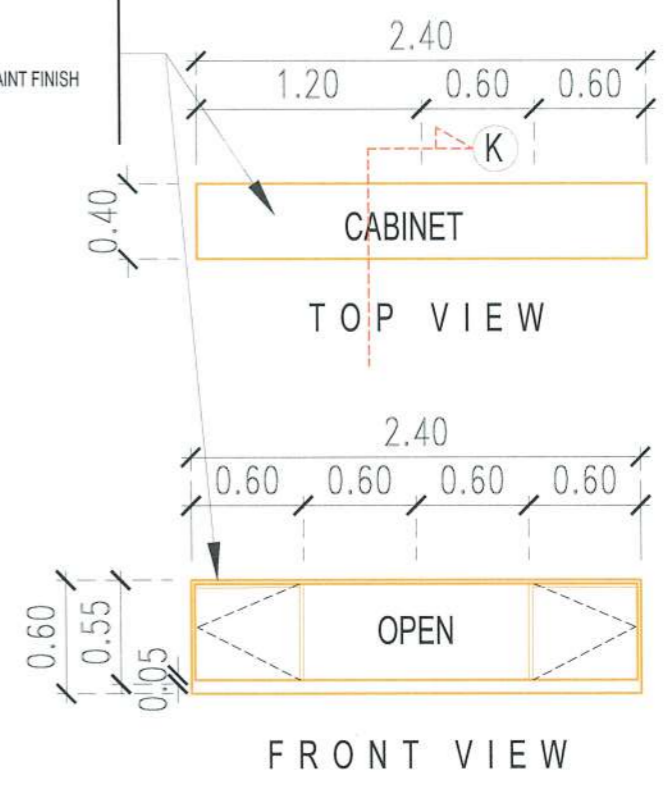
CABINET - A DETAILS

- USE 3/4" THK. MARINE PLYWOOD AND 3/4" THK. WOOD EDGING
- AUTOMOTIVE LACQUER PAINT FINISH

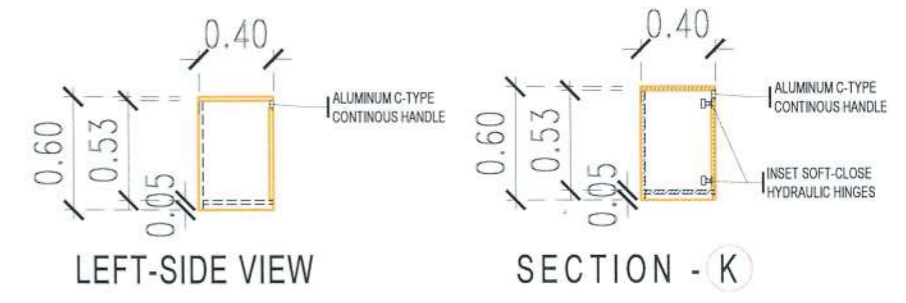
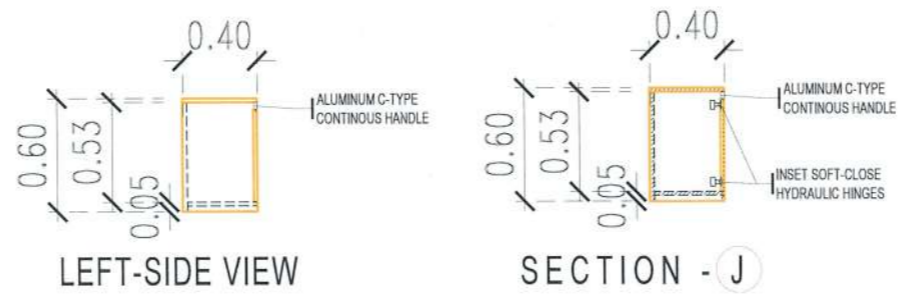
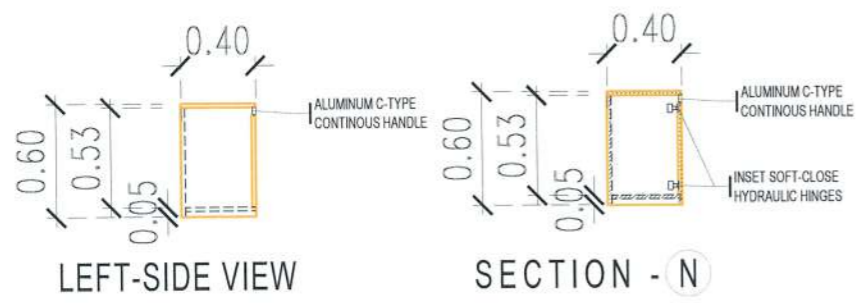


CABINET - B DETAILS

- USE 3/4" THK. MARINE PLYWOOD AND 3/4" THK. WOOD EDGING
- AUTOMOTIVE LACQUER PAINT FINISH



CABINET - C DETAILS



URO LIBRARY CABINET SPOT DETAILS

SCALE 1:40M

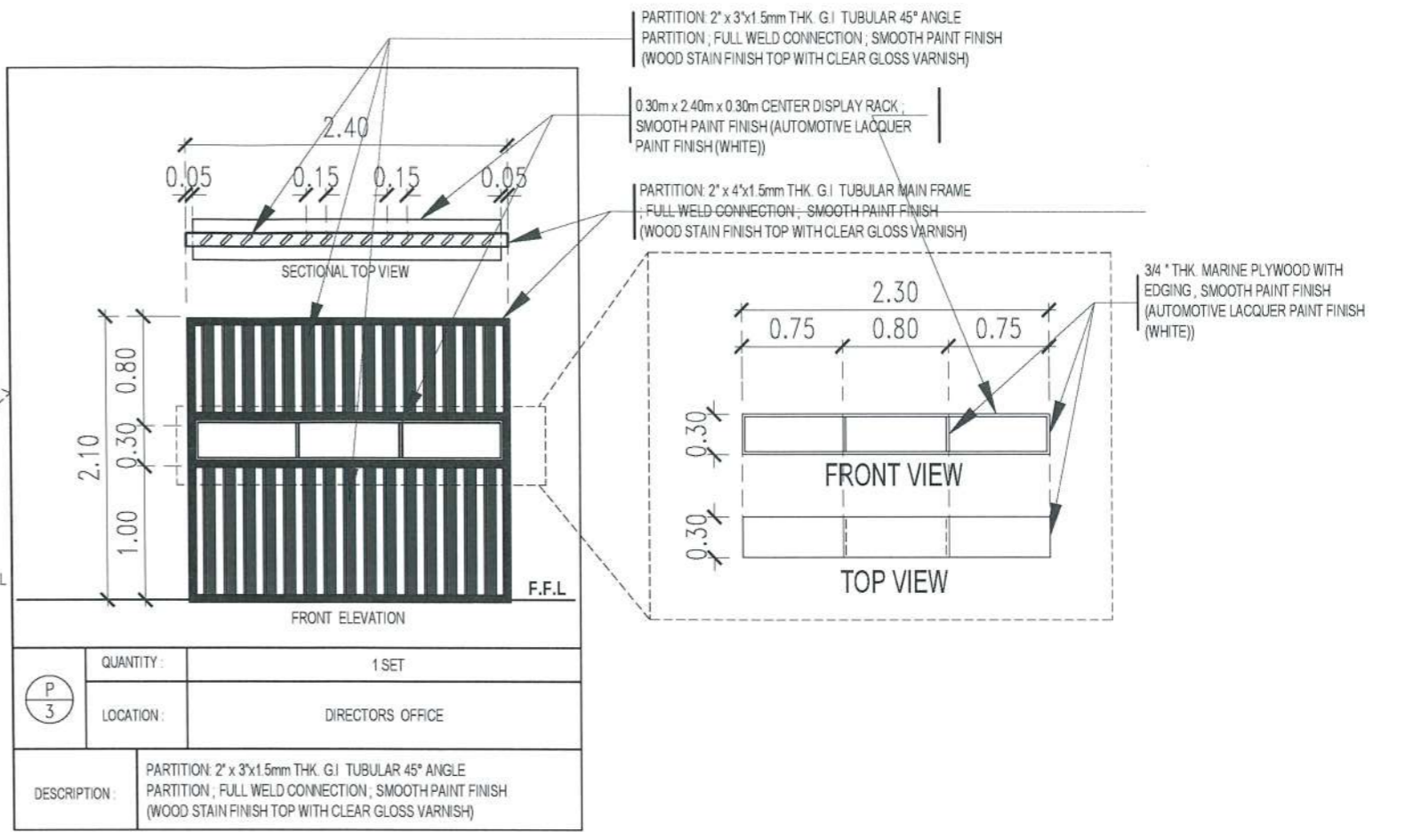
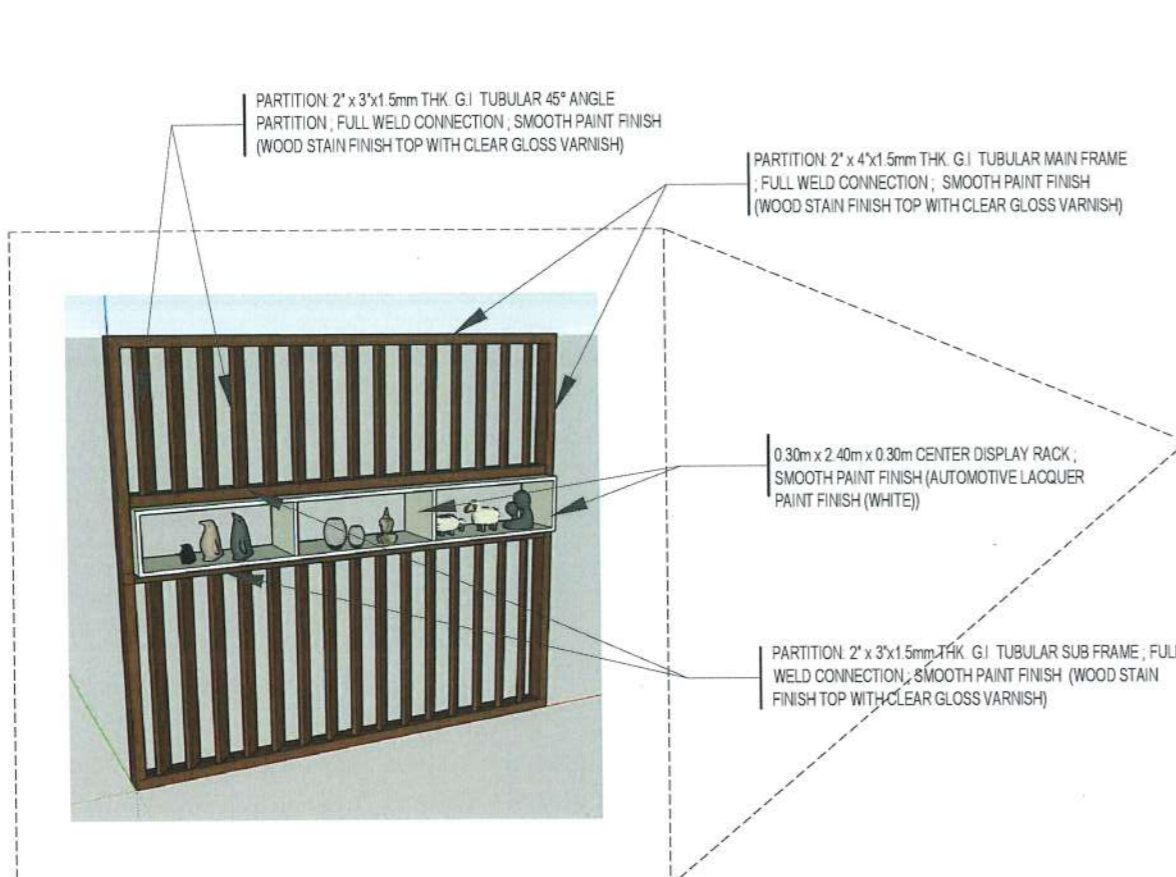
NOTE :

- FABRICATION OF 1 SET CABINET - A
- FABRICATION OF 1 SET CABINET - B
- FABRICATION OF 3 SETS CABINET - C
- USE 3/4" THK. MARINE PLYWOOD AND 3/4" THK. WOOD EDGING
- USE INSET SOFT CLOSE CONCEALED HYDRAULIC HINGES
- USE MAGNETIC LATCH IN ALL CABINET OPENINGS
- USE ALUMINUM C-TYPE CONTINUOUS CABINET HANDLE (WHITE)
- AUTOMOTIVE LACQUER PAINT FINISH



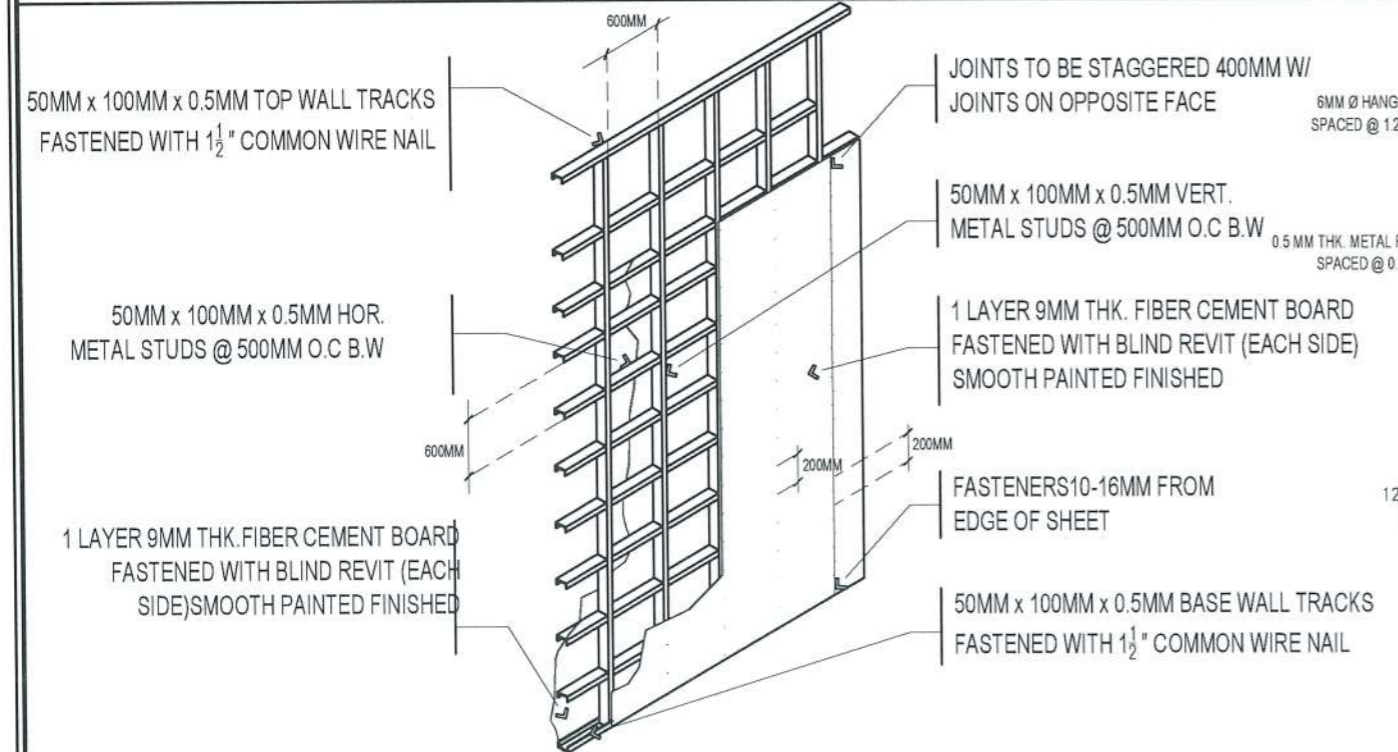
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

| | | | | | | | |
|--|---|--|--------------------------------------|--|------------------------------------|-----------------------------|-------------------|
| PROJECT TITLE: REFURBISHMENT OF RED BUILDING | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: AS SHOWN | SHEET NO: A-20 |
| PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | ENGR . EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | MR. WENCJE S. MANIBOG DRAFTSMAN, OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | DATE: AUGUST, 2024 | PAGE NO: 20-41 |



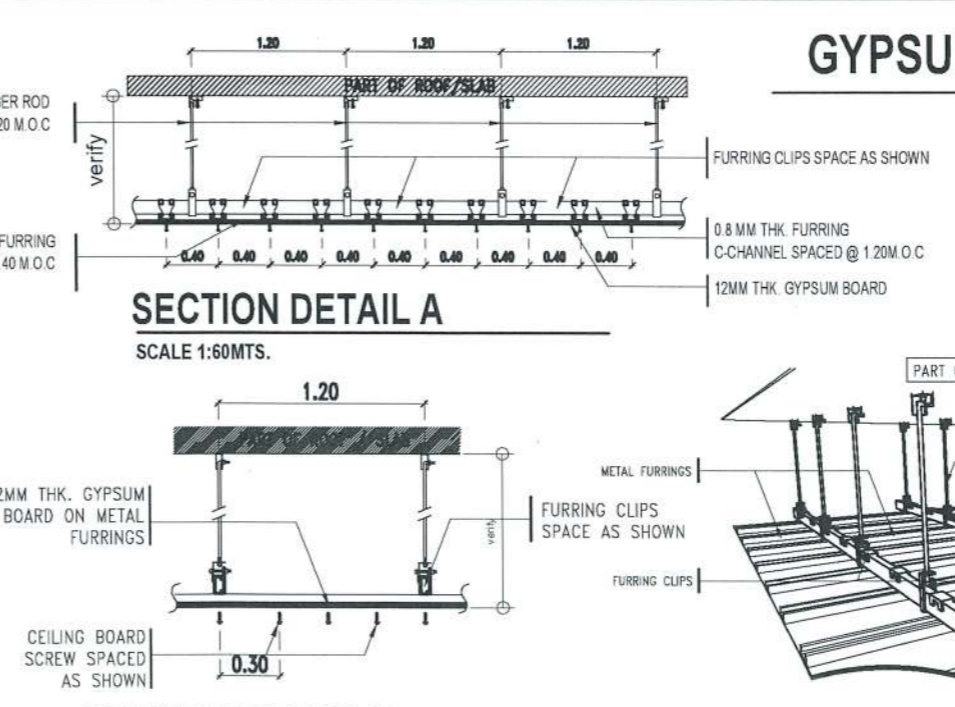
LOUVER PARTITION BLOW-UP DETAILS

SCALE 1:80M

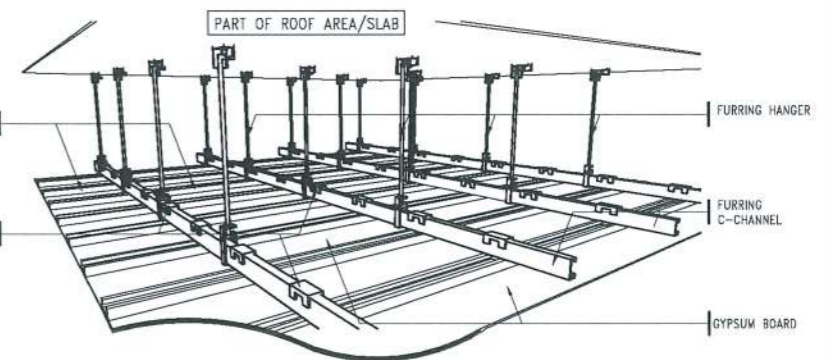


TYPICAL DRY WALL PARTITION DETAILS

SCALE 1:100M



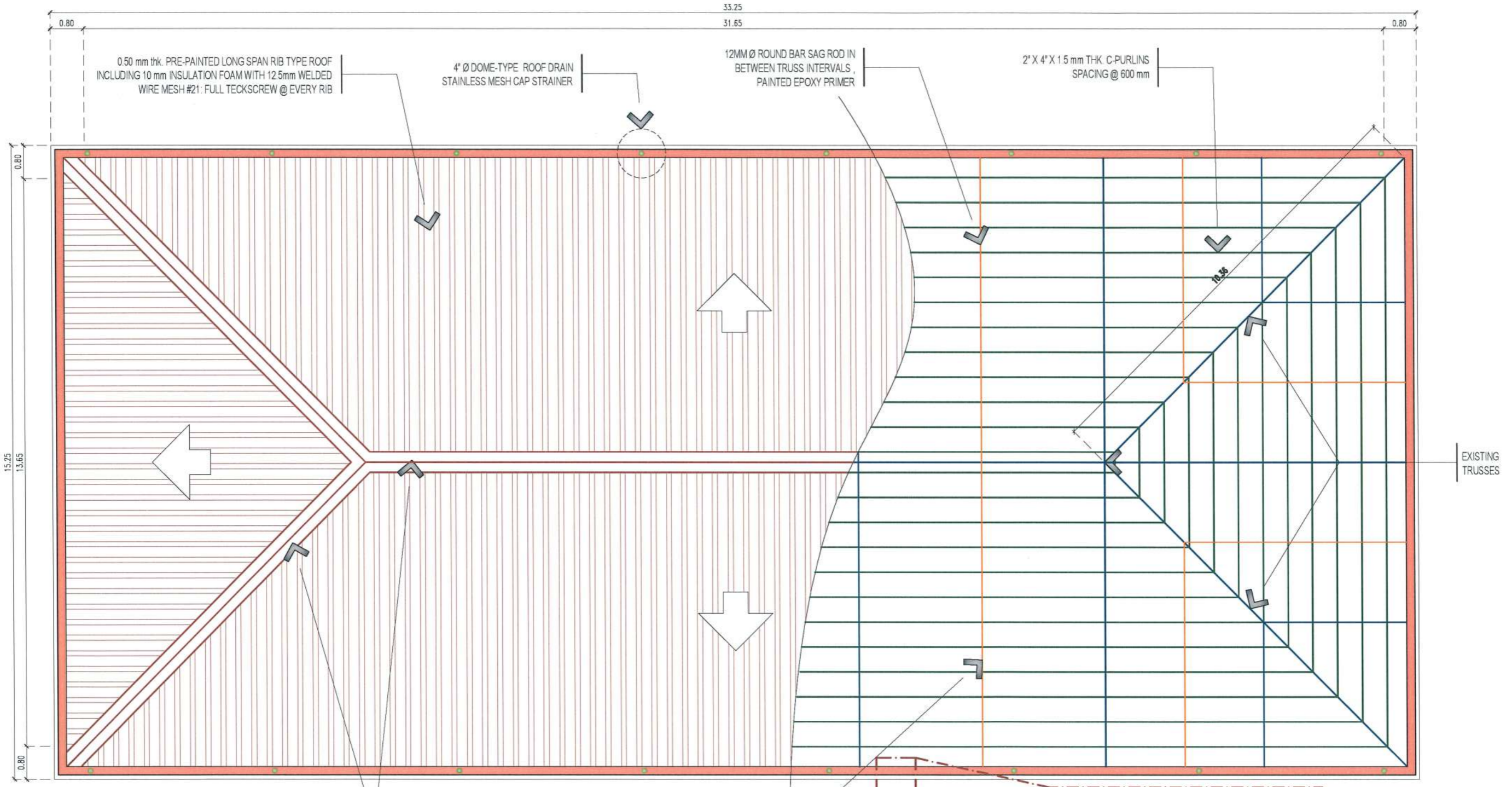
GYPSUM BOARD CEILING DETAIL



CEILING ISOMETRIC DETAIL

NTS.

| | | | | | | | | |
|--|---|--|---|--------------------------------------|--|------------------------------------|--------------------|--------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | | | | | | | AS SHOWN | A-21 |
| | PROJECT LOCATION: | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | MR. WENDE S. MANEBOS DRAFTSMAN, OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMARK J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | DATE: AUGUST, 2024 | PAGE NO.: |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | 21-41 |



LEGEND:

APPLY 3 COATS OF CEMENTITIOUS WATER PROOFING AND 2 COATS OF UV RESISTANT PAINT (SEE DETAIL)

NOTE:

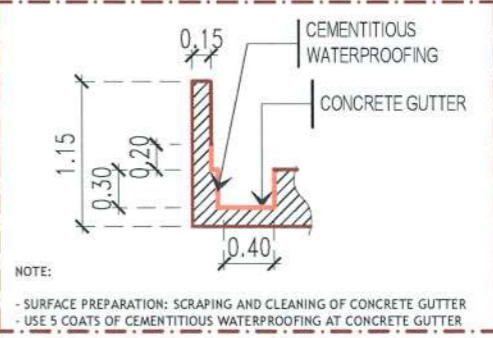
1. DRAWING DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION ARE ALL APPROXIMATE, VERIFY ACTUAL MEASUREMENT ON SITE

36" x 0.50 mm thk. RIDGE ROLL (SEE SPECIFICATIONS)

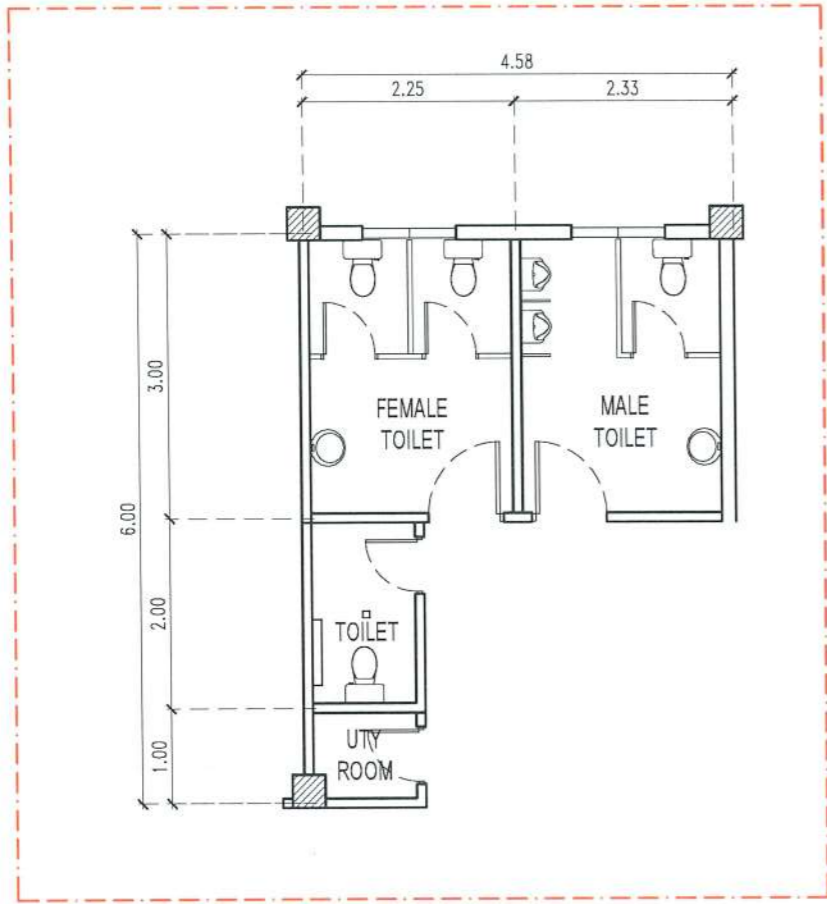
12MM Ø ROUND BAR SAG ROD, PAINTED EPOXY PRIMER

ROOF FRAMING PLAN

SCALE 1:100M

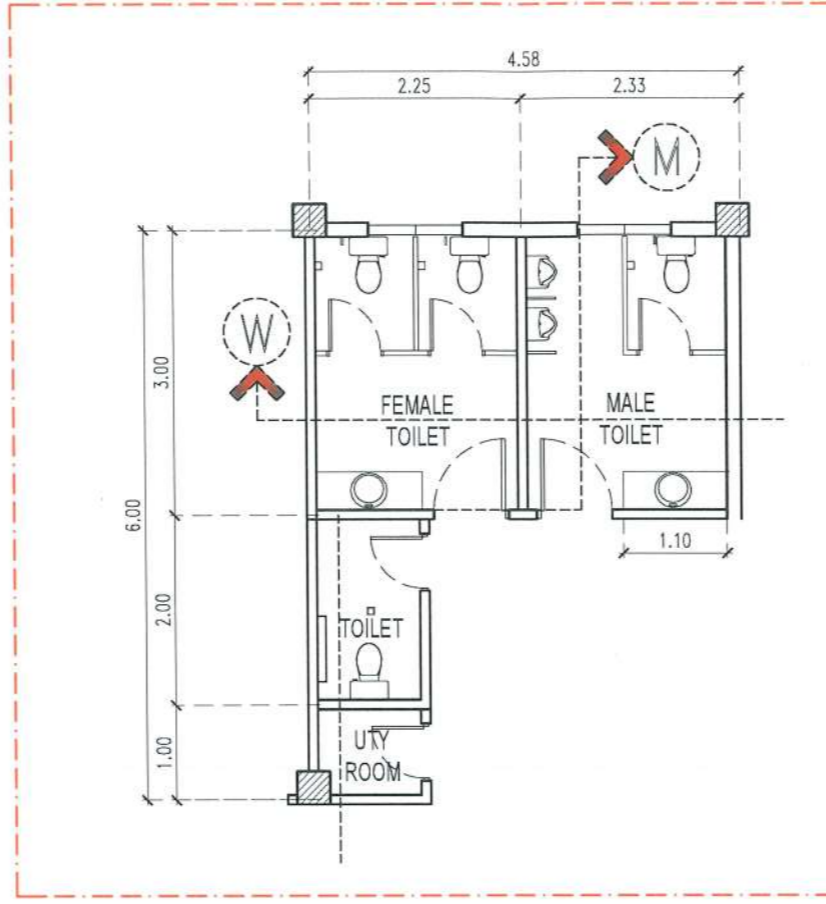


| | | | | | | | | |
|--|---|---|---|---|---|---|--------------------|--------------------------|
| TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING | | | | | | AS SHOWN | A-23 |
| | PROJECT LOCATION: | ENGR. EMIR LENARD S.F. SICANGCO <small>DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES</small> | MR. WENCIE S. MANABOG <small>DRAFTSMAN, OFDM</small> | AR. ARLEN M. GUIEB <small>DIRECTOR, OFDM</small> | ATTY. WILMARK J. RAMOS <small>VP, ADMINISTRATION AND FINANCE</small> | DR. ARNOLD E. VELASCO <small>PRESIDENT</small> | DATE: AUGUST, 2024 | PAGE NO: 23-41 |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | |



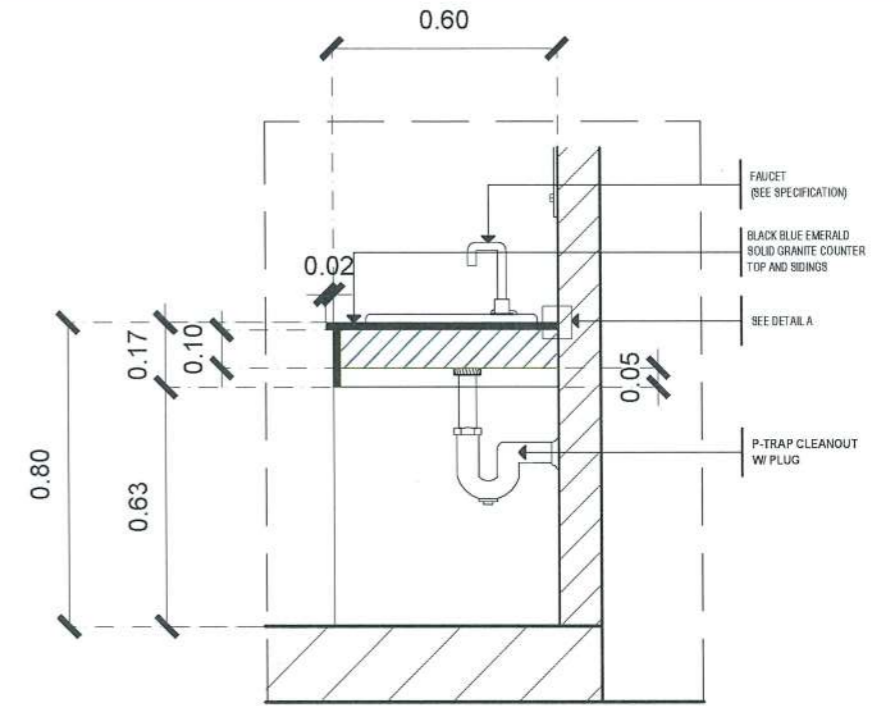
EXISTING GROUND FLOOR TOILET PLAN

SCALE 1:80M



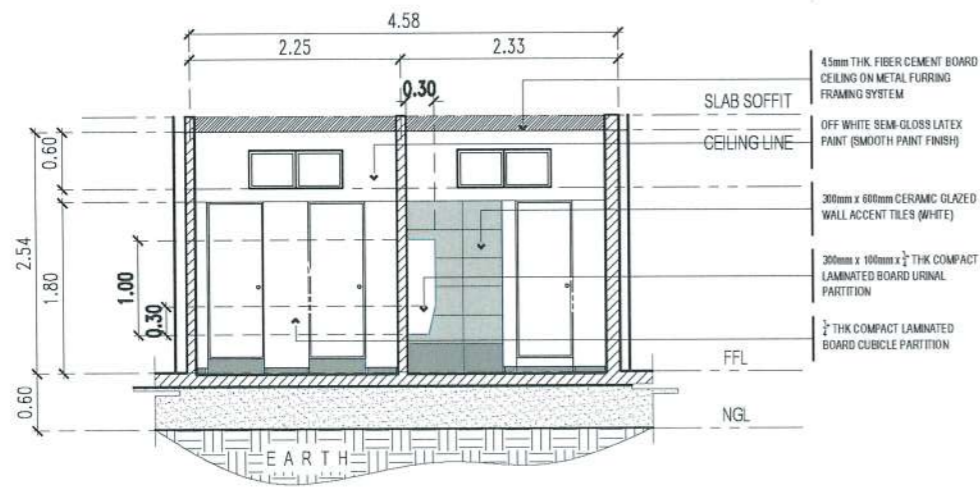
PROPOSED TOILET BLOW-UP PLAN

SCALE 1:80M



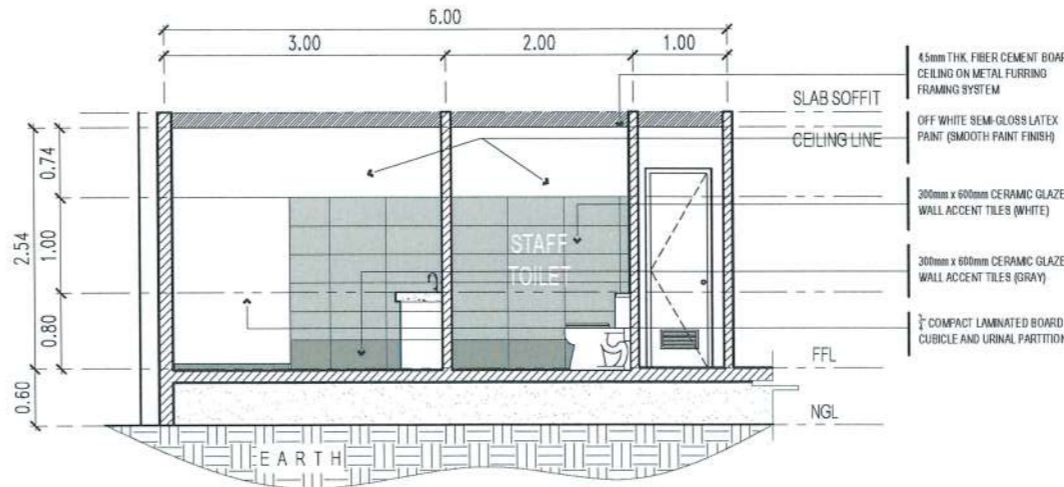
LAVATORY COUNTER TOP SECTION DETAIL

SCALE: 1:20M



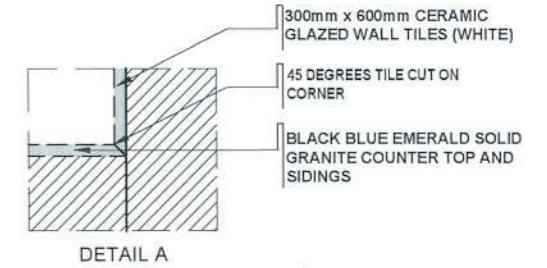
TOILET SECTION THRU - W

SCALE 1:80M



TOILET SECTION THRU - M

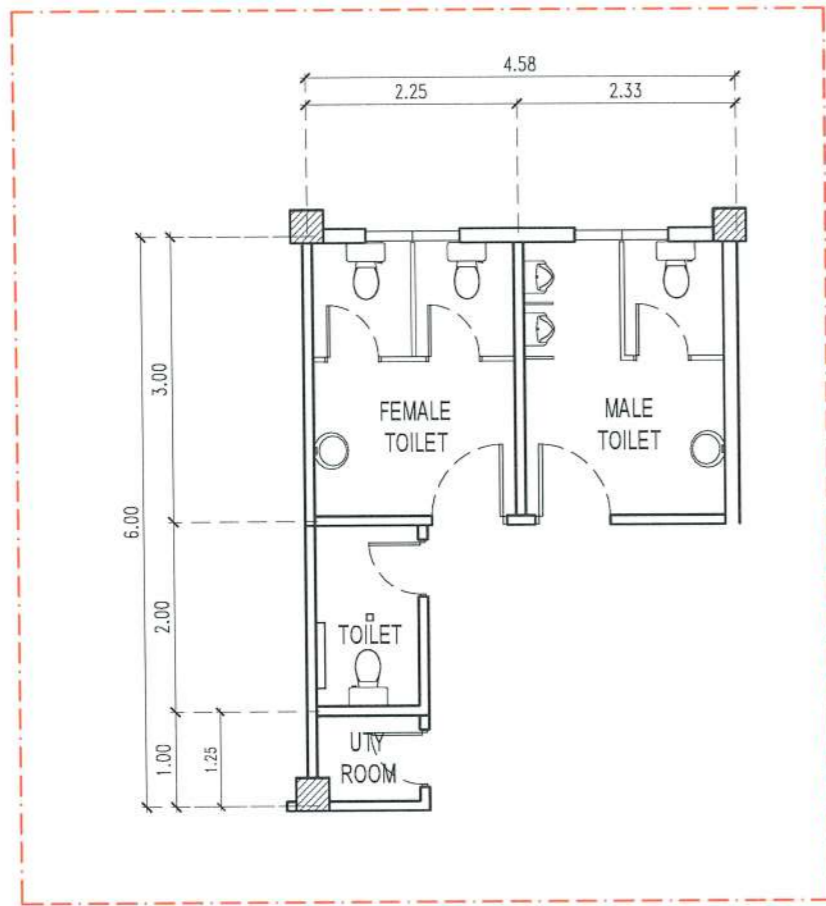
SCALE 1:80M



TYPICAL TILE CORNER DETAIL

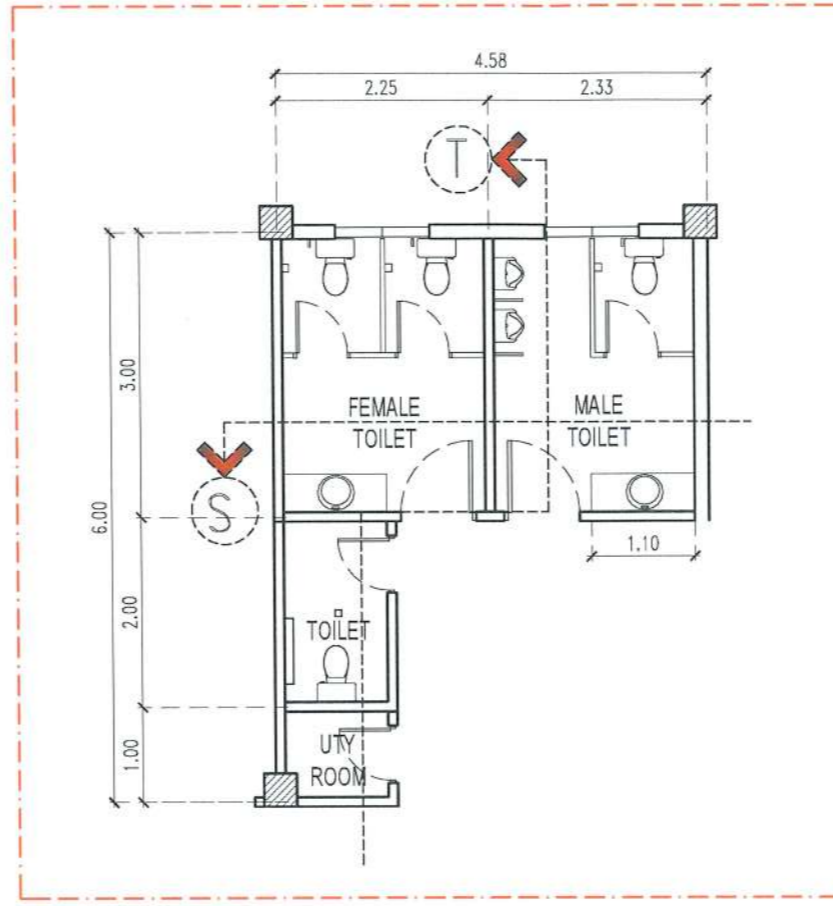
SCALE: NTS.

| | | | | | | | | |
|--|---|--|--|--------------------------------------|--|------------------------------------|--------------------|-------------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING | | MR. WENCIE S. MANEBOG DRAFTER, OFDM | DR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMARK S. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | A-24 |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | | | | | DATE: AUGUST, 2024 | PAGE NO: 24-41 |



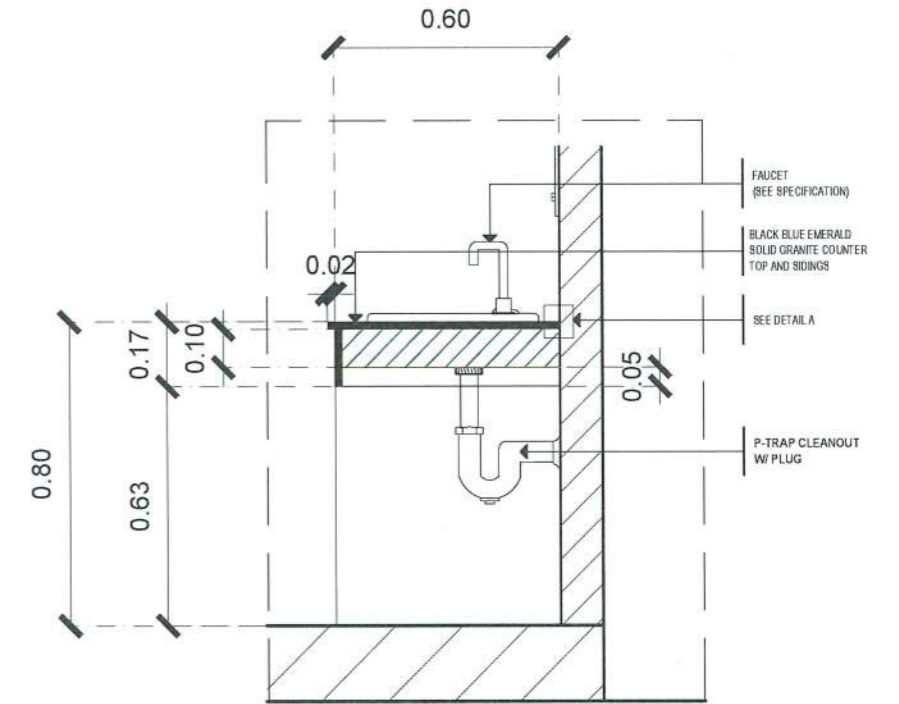
EXISTING 2ND FLOOR TOILET PLAN

SCALE 1:80M



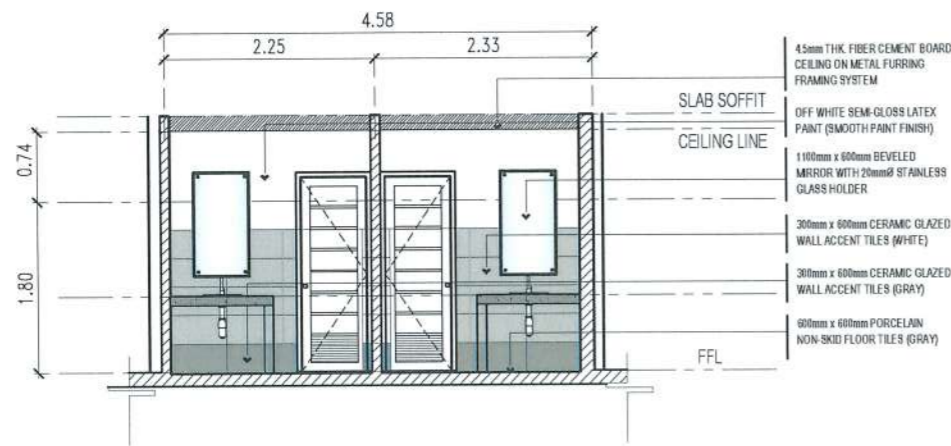
PROPOSED 2ND FLOOR TOILET BLOW-UP PLAN

SCALE 1:80M



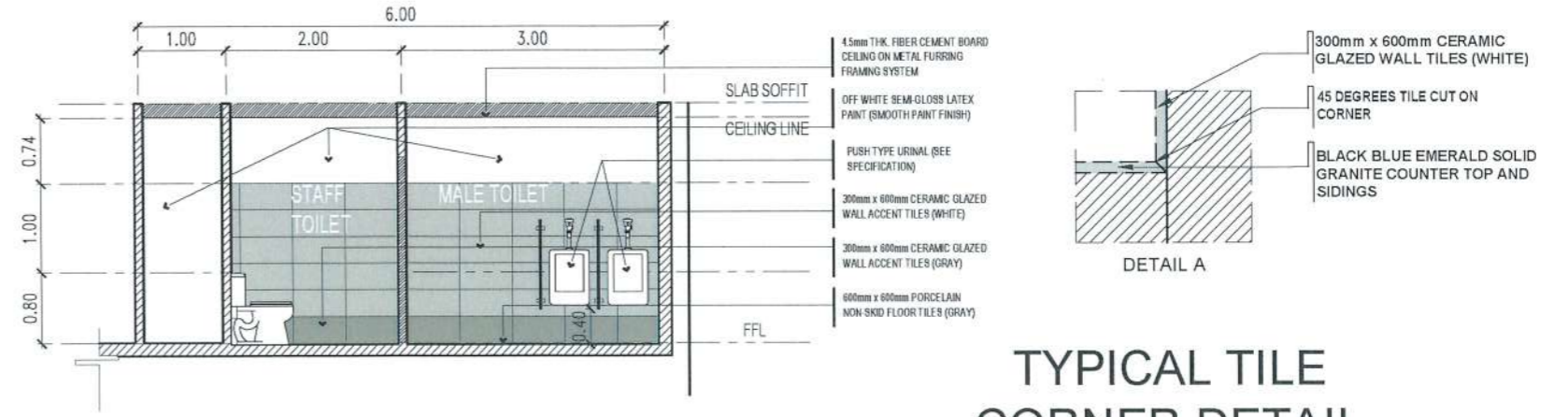
LAVATORY COUNTER TOP SECTION DETAIL

SCALE: 1:20M



TOILET SECTION THRU - S

SCALE 1:80M



TOILET SECTION THRU - T

SCALE 1:80M

TYPICAL TILE CORNER DETAIL

SCALE: NTS.



PROJECT TITLE:
REFURBISHMENT OF RED BUILDING
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LEONARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
MR. WENDEL S. MANEBOG
DRAFTSMAN, UFDOM

CERTIFIED BY:
AR. ARLEN M. GUIEB
DIRECTOR, CFDM

RECOMMENDING APPROVAL:
ATTY. WILBERT J. RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

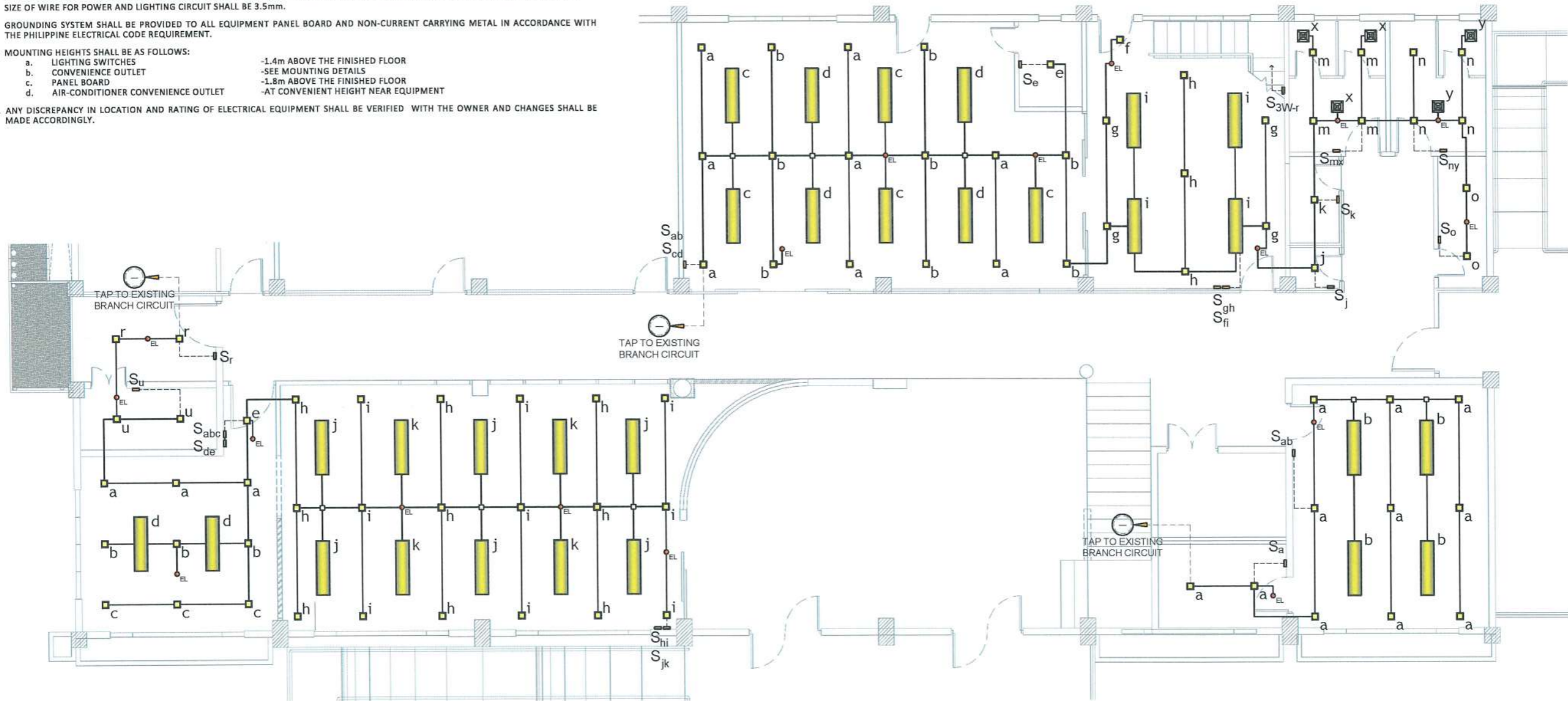
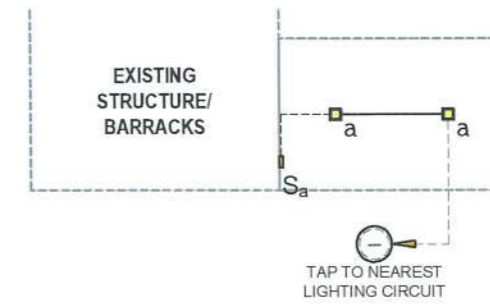
SHEET CONTENTS:
AS SHOWN
DATE: AUGUST, 2024

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A-25
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25-41

GENERAL NOTES AND SPECIFICATIONS

SCALE NTS

- ALL ELECTRICAL INSTALLATION HEREIN SHALL BE DONE IN ACCORDANCE WITH PROVISIONS OF THE LATEST EDITION OF PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES AND WITH THE REQUIREMENTS OF THE POWER COMPANY CONCERNED.
- ALL ELECTRICAL WORKS HEREIN SHALL BE EXECUTED BY EXPERIENCED MEN UNDER THE SUPERVISION OF A DULY LICENSED REGISTERED ELECTRICAL ENGINEER OR PROFESSIONAL ELECTRICAL ENGINEER.
- MATERIALS THAT PROVIDES SUPPORT, ADDED SAFETY, AND ACCESS, SUCH AS PULL BOXES, JUNCTION BOXES, BENDS AND OTHER FITTINGS SHALL BE PROVIDED EVEN IF NOT EXPLICITLY STATED IN THE PLAN.
- INSTALLATION OF NEW CONDUITS AND ELECTRICAL WIRES FOR THE FOLLOWING ROOMS COVERED BY REFURBISHMENT SHALL BE CONNECTED TO EXISTING LINES WITH 230V, SINGLE PHASE, 2-WIRE + GROUND, 60 HZ SUPPLY.
- WIRES SHALL BE COLOR CODED AS FOLLOWS:
 LINE 1 --- RED LINE 2 --- YELLOW GROUND --- GREEN
- WIRING METHOD SHALL BE AS FOLLOWS:
 a. FOR EMBEDDED PIPE -POLYVINYL CHLORIDE CONDUIT SCHEDULE 40 (PVC SCH 40)
 b. FOR RUN EXPOSED PIPE -RIGID STEEL CONDUIT (RSC)
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT SHALL BE 3.5mm.
- GROUNDING SYSTEM SHALL BE PROVIDED TO ALL EQUIPMENT PANEL BOARD AND NON-CURRENT CARRYING METAL IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 a. LIGHTING SWITCHES -1.4m ABOVE THE FINISHED FLOOR
 b. CONVENIENCE OUTLET -SEE MOUNTING DETAILS
 c. PANEL BOARD -1.8m ABOVE THE FINISHED FLOOR
 d. AIR-CONDITIONER CONVENIENCE OUTLET -AT CONVENIENT HEIGHT NEAR EQUIPMENT
- ANY DISCREPANCY IN LOCATION AND RATING OF ELECTRICAL EQUIPMENT SHALL BE VERIFIED WITH THE OWNER AND CHANGES SHALL BE MADE ACCORDINGLY.



PROPOSED GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100 MTS



PROJECT TITLE:
REFURBISHMENT OF RED BUILDING
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
Engr. Robinson F. Frias
ENGR. ROBINSON F. FRIAS
ELECTRICAL ENGINEER, OFDM

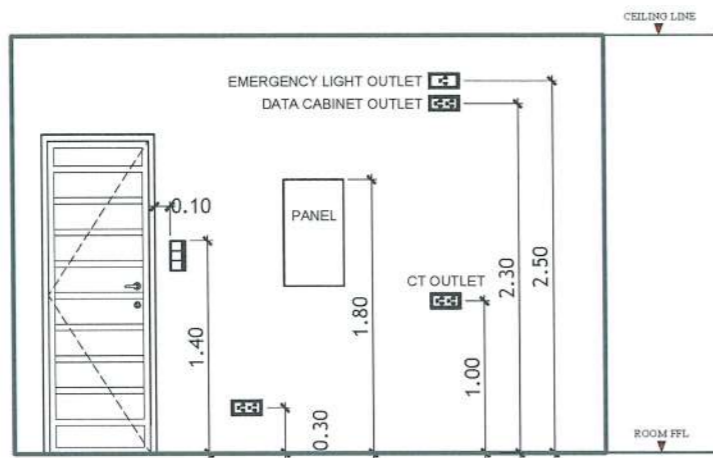
CERTIFIED BY:
Atty. Arlen M. Guieb
AT. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
Atty. Wilmar J. Ramos
ATTY. WILMAR J. RAMOS
VP, ADMINISTRATION AND FINANCE

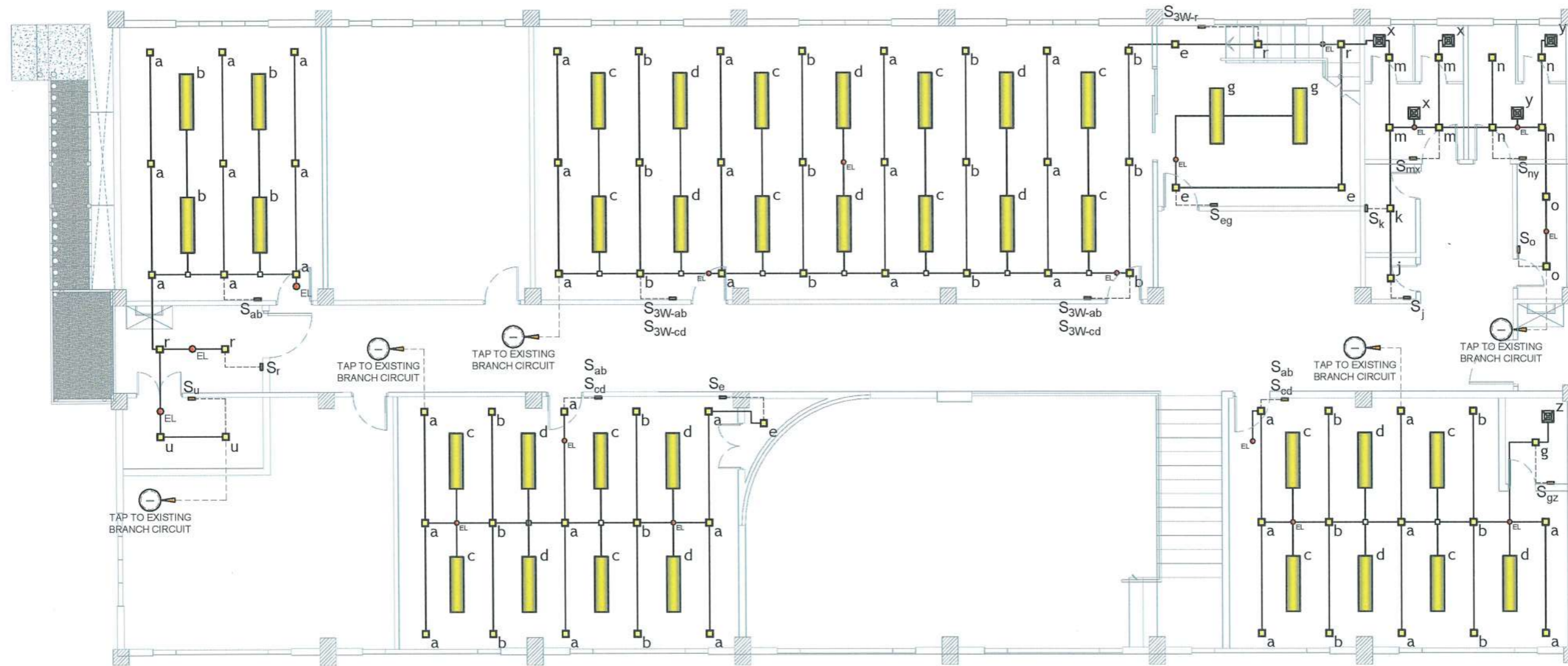
APPROVED:
Dr. Arnold E. Velasco
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: AUGUST, 2024

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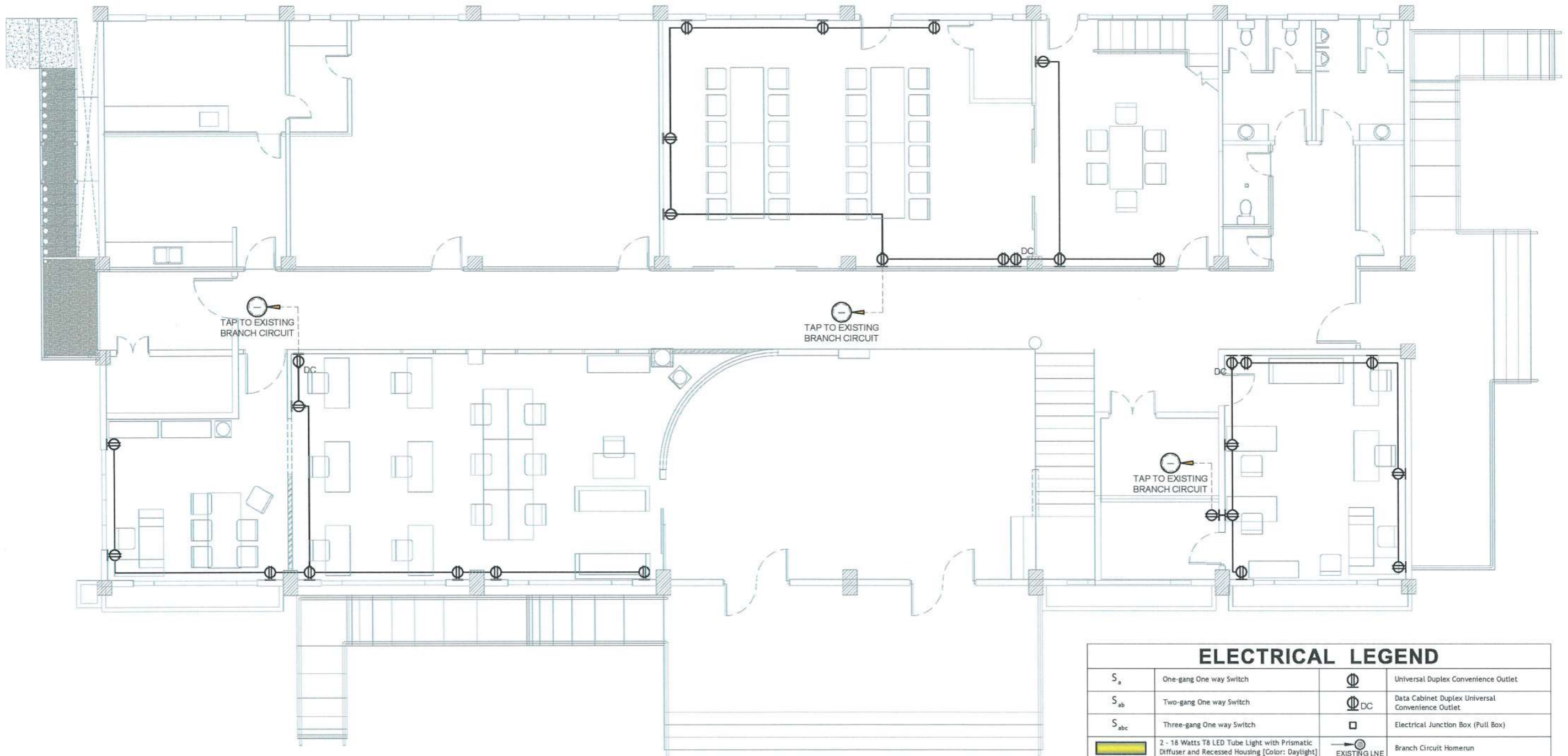
| ELECTRICAL LEGEND | | | |
|-------------------|---|--|--|
| S_a | One-gang One way Switch | | Universal Duplex Convenience Outlet |
| S_{ab} | Two-gang One way Switch | | Data Cabinet Duplex Universal Convenience Outlet |
| S_{abc} | Three-gang One way Switch | | Electrical Junction Box (Pull Box) |
| | 2 - 18 Watts T8 LED Tube Light with Prismatic Diffuser and Recessed Housing [Color: Daylight] | | Branch Circuit Homerun |
| | 9 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight] | | Existing Fire Alarm Control Panel |
| | 3 Watts Recessed LED Emergency Light [Ceiling Mounted] | | 4U Data Cabinet with Exhaust Fan, PDU and Complete Accessories |
| | 10" Exhaust Fan | | |



PROPOSED SECOND FLOOR LIGHTING LAYOUT

SCALE 1:100 MTS

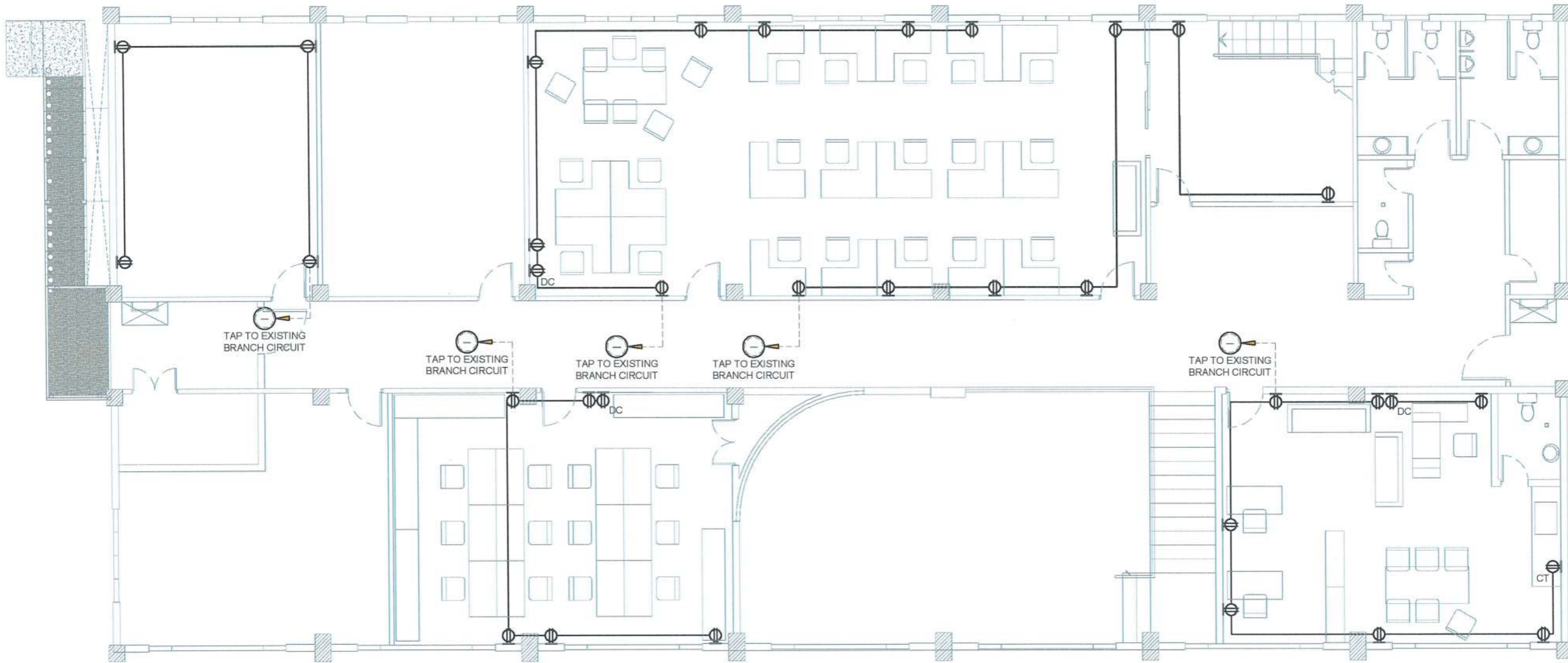
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| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | ENGR. ROVINSON F. FRIAS ELECTRICAL ENGINEER, OFDM | ATTY. WILFREDO J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | E-2 |
| | PROJECT LOCATION: | | | | | | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | DATE: AUGUST, 2024 |



| ELECTRICAL LEGEND | | | |
|-------------------|---|------|--|
| S ₁ | One-gang One way Switch | ⊕ | Universal Duplex Convenience Outlet |
| S ₂ | Two-gang One way Switch | ⊕ DC | Data Cabinet Duplex Universal Convenience Outlet |
| S ₃ | Three-gang One way Switch | □ | Electrical Junction Box (Pull Box) |
| [Yellow Box] | 2 - 18 Watts T8 LED Tube Light with Prismatic Diffuser and Recessed Housing [Color: Daylight] | → | Branch Circuit Homerun |
| [Green Box] | 9 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight] | — | Existing Fire Alarm Control Panel |
| ⊙ EL | 3 Watts Recessed LED Emergency Light [Ceiling Mounted] | DC | 4U Data Cabinet with Exhaust Fan, PDU and Complete Accessories |

PROPOSED GROUND FLOOR POWER LAYOUT
 SCALE 1:100 MTS

| | | | | | | | | | |
|--|--|--------------------|--|--|--|---|--|--------------------|--------------------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | ENGR. ROVINSON F. FRIAS ELECTRICAL ENGINEER, OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. WILMARCK J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | E-3 |
| | PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | DATE: AUGUST, 2024 | PAGE NO: 28-41 |



| ELECTRICAL LEGEND | | | |
|-------------------|---|-----------------|--|
| S ₁ | One-gang One way Switch | ⊕ | Universal Duplex Convenience Outlet |
| S ₂ | Two-gang One way Switch | ⊕ _{DC} | Data Cabinet Duplex Universal Convenience Outlet |
| S ₃ | Three-gang One way Switch | □ | Electrical Junction Box (Pull Box) |
| [Yellow Box] | 2 - 18 Watts T8 LED Tube Light with Prismatic Diffuser and Recessed Housing [Color: Daylight] | —○— | Branch Circuit Homerun |
| [Green Box] | 9 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight] | — | EXISTING LNE |
| [Circle with EL] | 3 Watts Recessed LED Emergency Light [Ceiling Mounted] | — | Existing Fire Alarm Control Panel |
| [DC] | 4U Data Cabinet with Exhaust Fan, PDU and Complete Accessories | | |

PROPOSED SECOND FLOOR POWER LAYOUT

SCALE 1:100 MTS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:
REFURBISHMENT OF RED BUILDING
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
[Signature]
ENGR. ROVINSON F. FRIAS
ELECTRICAL ENGINEER, OFDM

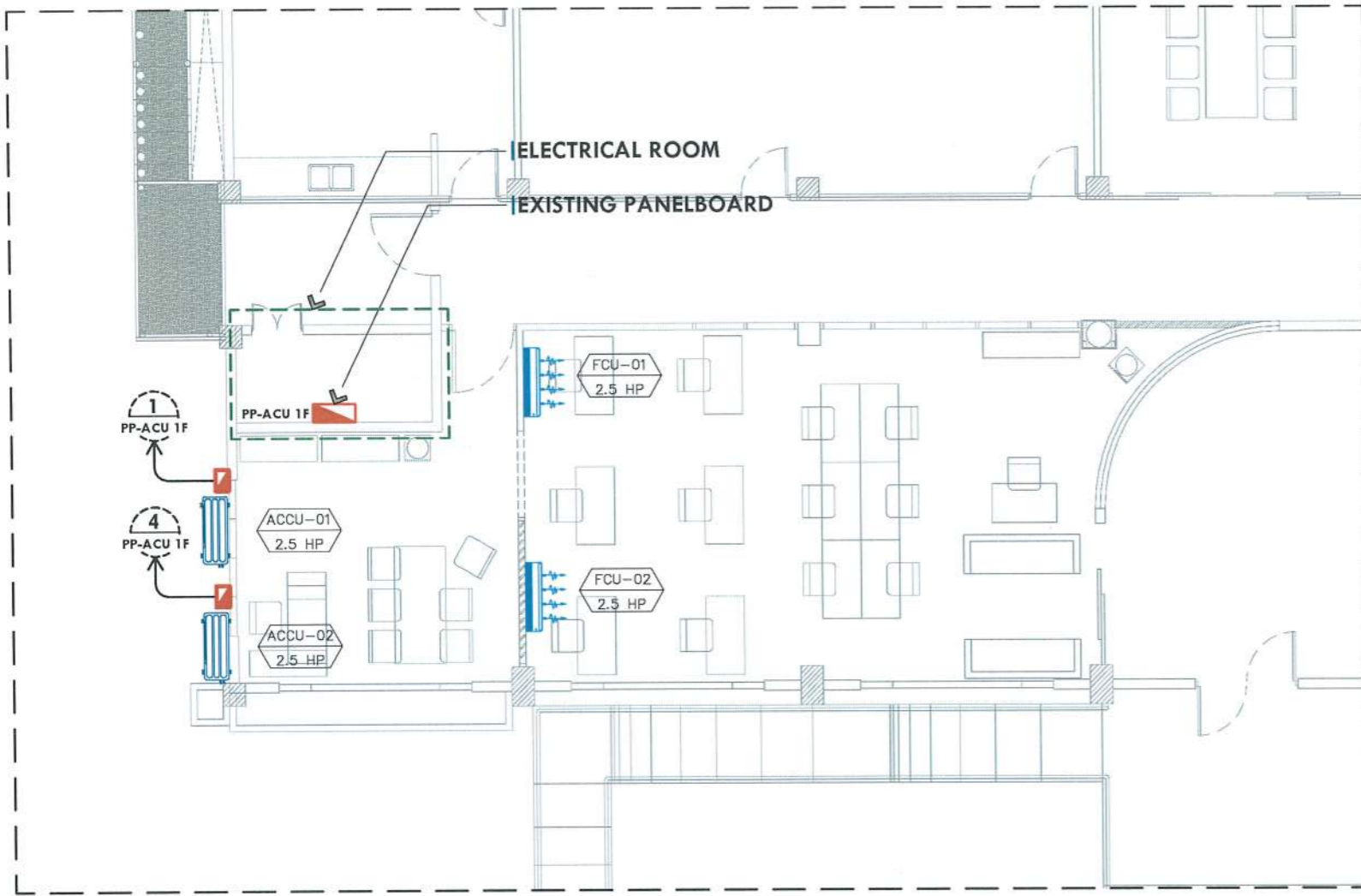
CERTIFIED BY:
[Signature]
AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
[Signature]
ATTY. WILMART J. RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: AUGUST, 2024

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PAGE NO:
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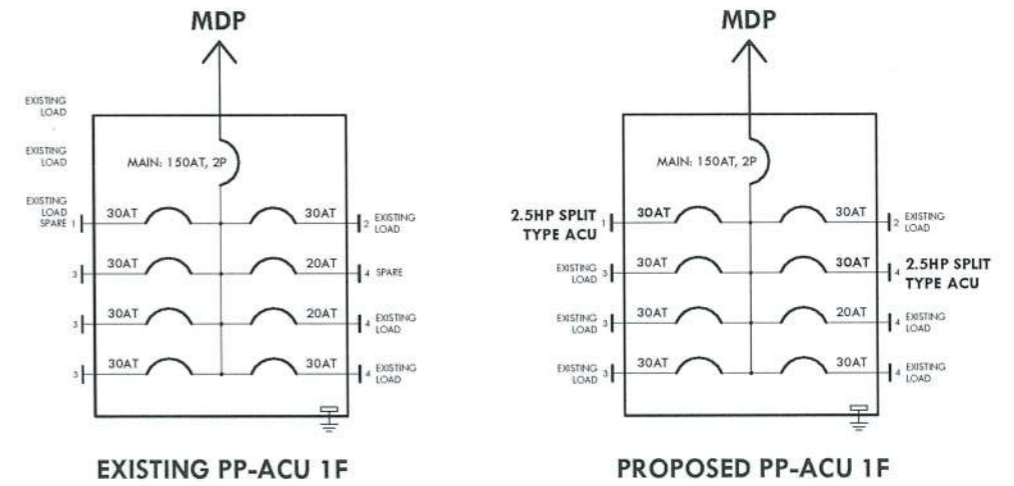
PROPOSED ACU LAYOUT

SCALE 1:100 MTS

| ELECTRICAL LEGEND | | | |
|-------------------|---|--|---------------------------------------|
| | 2.5HP SPLIT TYPE ACU (INDOOR UNIT) | | POWER PANEL ACU 1ST FLOOR (PP-ACU 1F) |
| | 2.5HP SPLIT TYPE ACU (OUTDOOR UNIT) | | CIRCUIT HOMERUN |
| | 30AT, 2P, MCCB BOLT-ON IN A NEMA-3R ENCLOSURE | | BRANCH CIRCUIT NUMBER |
| | | | PANELBOARD NAME |

IMPORTANT NOTE:

1. ROUGH-IN FOR THE AIR CONDITION SHALL RUN IN A 1/2" PVC RIGID CONDUIT EMBEDDED IN THE WALL.
2. VERIFY ON SITE FOR THE ACTUAL MEASUREMENT AND LOCATION OF THE OUTDOOR UNIT.
3. BRANCH CIRCUIT #4 SHALL BE REPLACED WITH A NEW 30AT, 2P, MCCB BOLT-ON.



DETAILS OF PANELBOARD

N T S



PROJECT TITLE:
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REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:

ENGR. ROVINSON F. FRIAS
ELECTRICAL ENGINEER, OFDM

CERTIFIED BY:

AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:

ATTY. WILMARK RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:

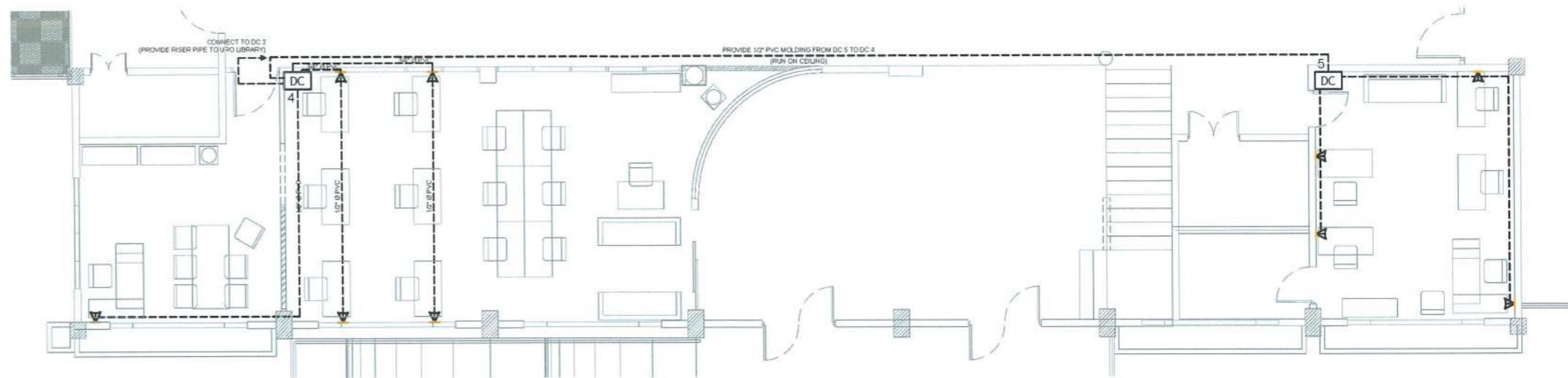
DR. ARNOLD E. VELASCO
PRESIDENT

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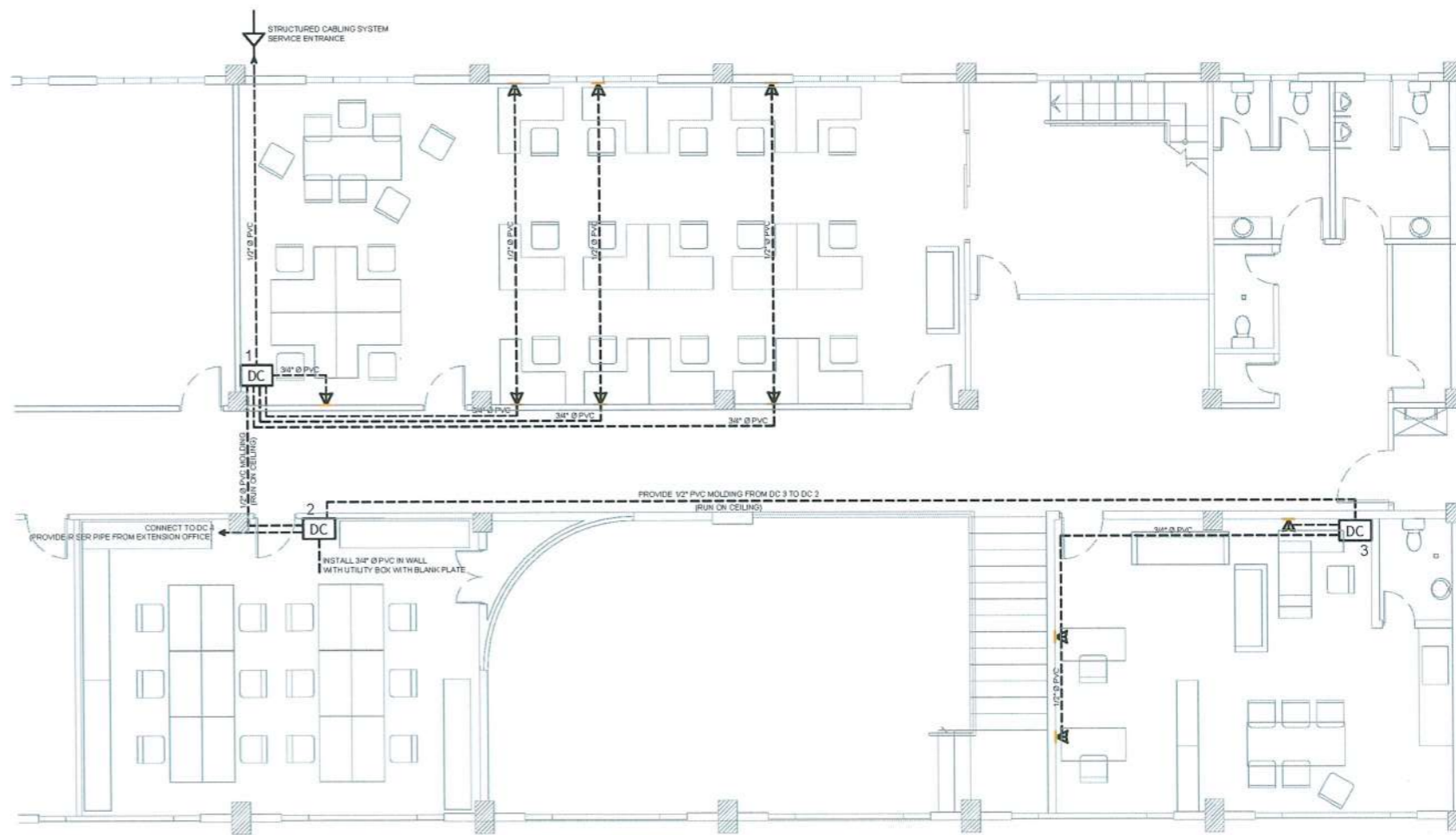


PROPOSED GROUND FLOOR DATA CABINET LAYOUT

SCALE

1:120 MTS

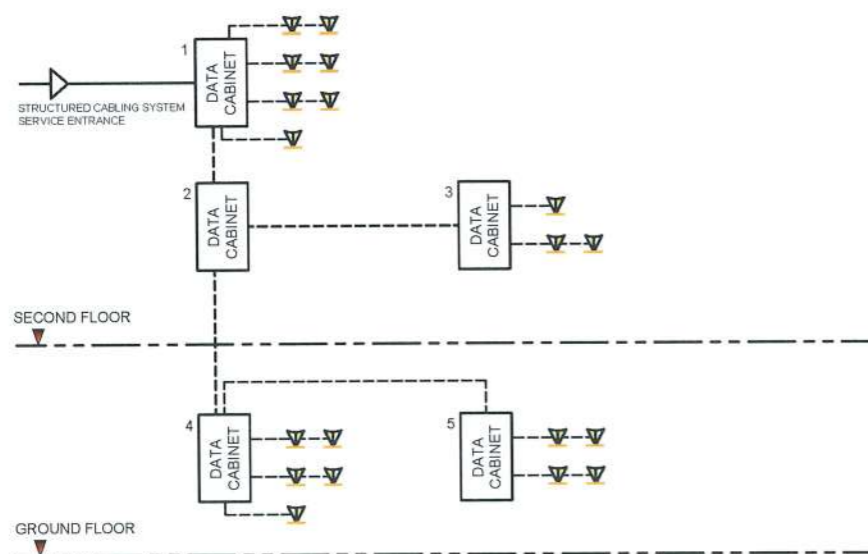
| ELECTRICAL LEGEND | | | |
|-------------------|---|--|--|
| S _a | One-gang One way Switch | | Universal Duplex Convenience Outlet |
| S _{ab} | Two-gang One way Switch | | Data Cabinet Duplex Universal Convenience Outlet |
| S _{abc} | Three-gang One way Switch | | Electrical Junction Box (Pull Box) |
| | 2 - 18 Watts T8 LED Tube Light with Prismatic Diffuser and Recessed Housing [Color: Daylight] | | Branch Circuit Homerun |
| | 9 Watts Recessed Mounted LED Panel Square Downlight [Color: Daylight] | | Existing Fire Alarm Control Panel |
| | 3 Watts Recessed LED Emergency Light [Ceiling Mounted] | | 4U Data Cabinet with Exhaust Fan, PDU and Complete Accessories |



PROPOSED SECOND FLOOR DATA CABINET LAYOUT

SCALE

1:120 MTS



STRUCTURED CABLING SYSTEM RISER DIAGRAM LAYOUT

SCALE

NTS



PROJECT TITLE:
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DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:

ENGR. ROVINSON F. FRIAS
ELECTRICAL ENGINEER, OFDM

CERTIFIED BY:

AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:

ATTY. VALMARK J. RAMOS
VP. ADMINISTRATION AND FINANCE

APPROVED:

DR. ARNOLD E. VELASCO
PRESIDENT

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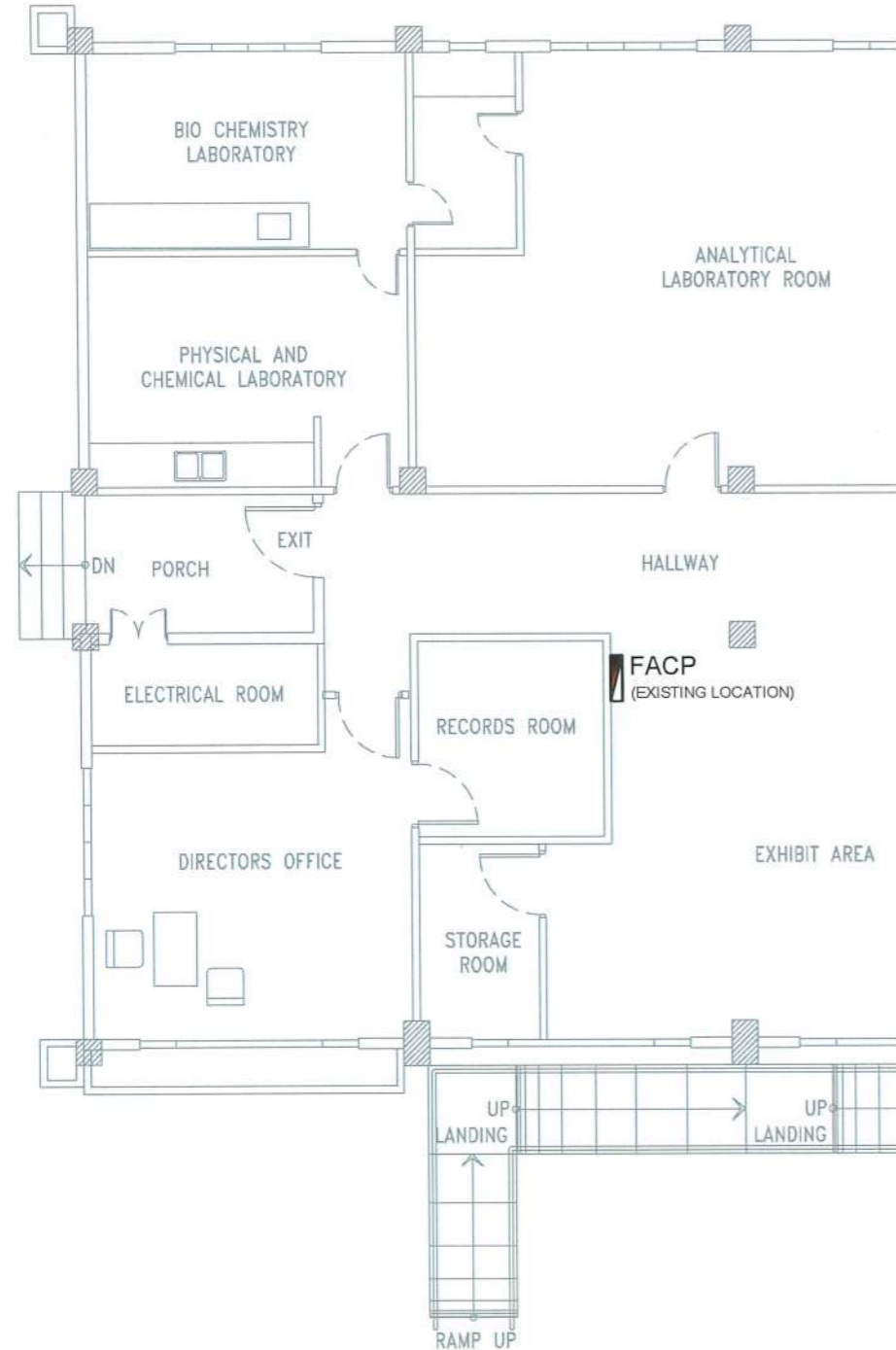
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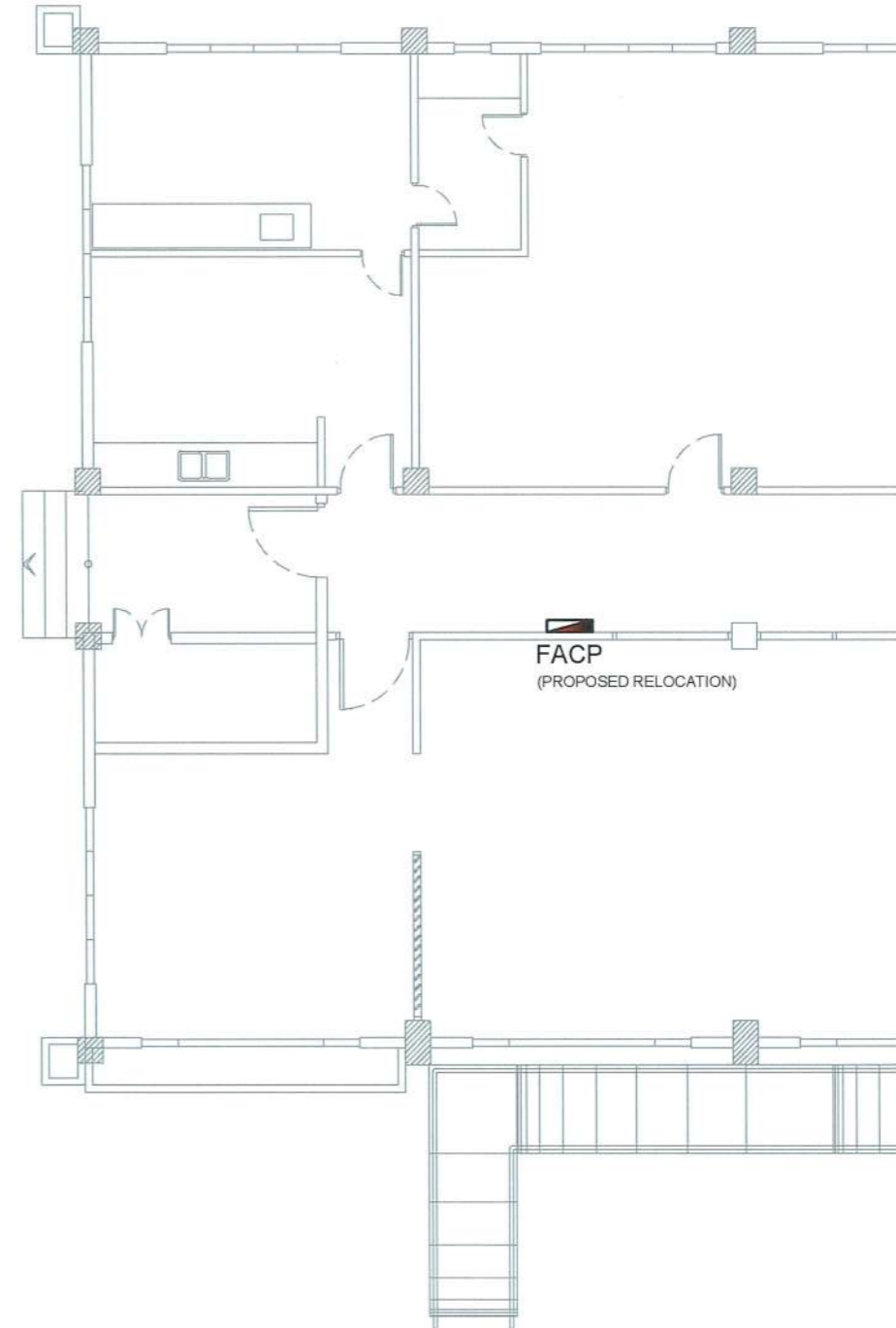
IMPORTANT NOTE:

1. All existing smoke detectors in the rooms affected by the refurbishment shall be retained and installed on the proposed new ceiling.
2. The existing location of FACP shall be relocated to the proposed location. All existing zone branch circuits shall be extended to connect at the proposed location.



EXISTING FDAS LAYOUT

SCALE 1:100 MTS



PROPOSED FDAS LAYOUT

SCALE 1:100 MTS



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Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

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REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
[Signature]
ENGR. ROVINSON F. FRIAS
ELECTRICAL ENGINEER, OFDM

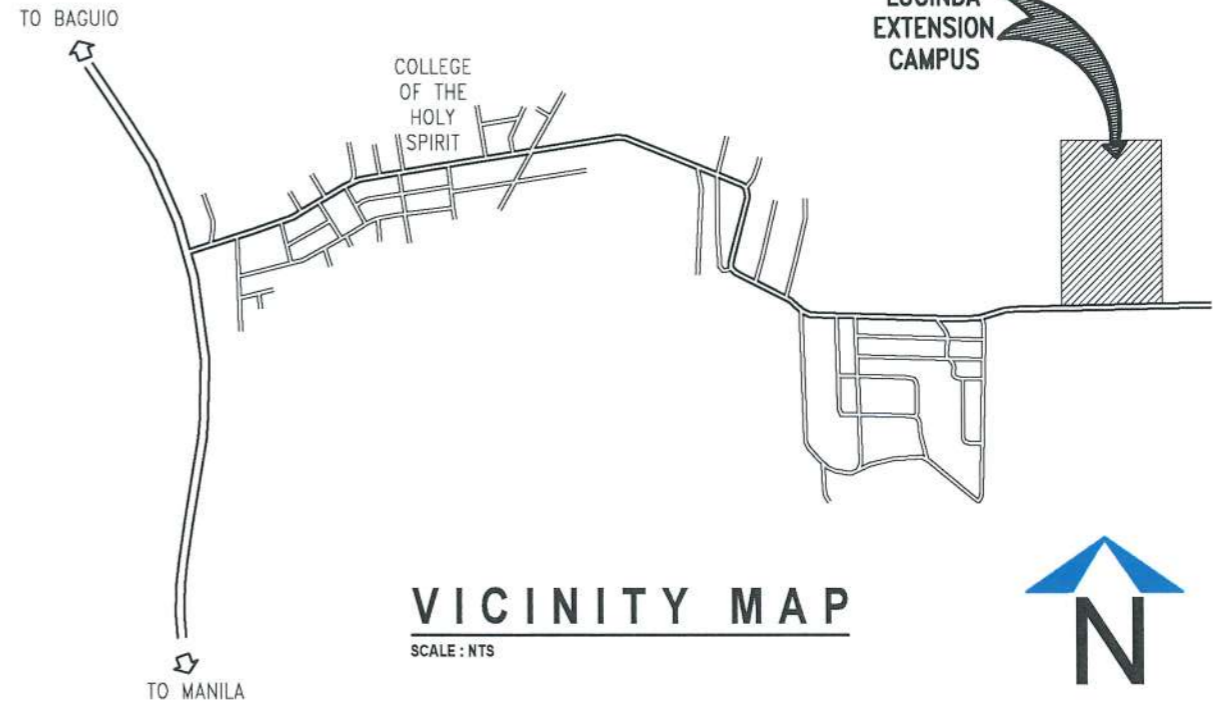
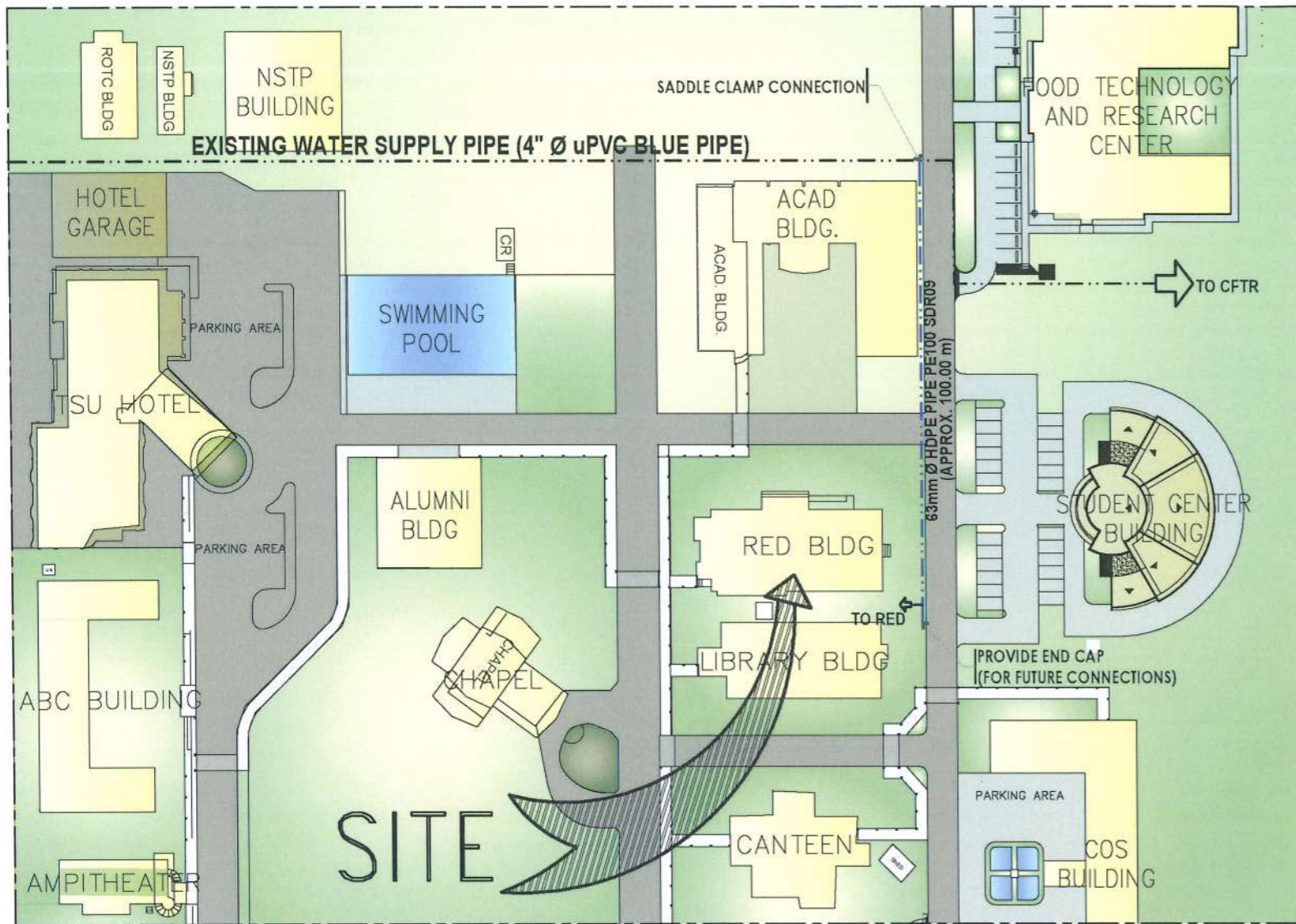
CERTIFIED BY:
[Signature]
AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
[Signature]
ATTY. WILMARINO RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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AS SHOWN
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GENERAL NOTES

1. GRADE OF THE HORIZONTAL PIPING:
RUN ALL HORIZONTAL PIPING IN PERFECT ALIGNMENT AT THE UNIFORM GRADE OF NOT LESS THAN (2%).
2. CHANGES IN DIRECTION:
ALL CHANGES IN DIRECTION SHALL BE MADE BY THE APPROPRIATE USE OF 45° WYE, LONG SWEEP QUATER BEND, SIXTH, EIGHT, OR SIXTEENTH BENDS, WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL. A SINGLE 1/8 BEND COMBINATION MAY BE USED ON WASTE, LINES, TEES AND CROSSES MAY BE USED ON VENT PIPES.
3. PROHIBITED FITTINGS:
NO DOUBLE TEE BRANCHES SHALL BE USED ON HORIZONTAL SOIL OR WASTE LINES, DRILLING & TRAPPINGS OF HOUSE DRAINS, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BENDS ARE PROHIBITED.
4. SLEEVES:
PROVIDE THE PIPE SLEEVES AT WALLS, COLUMNS OR SLAB ON SIZED BIGGER THAN THE ACTUAL SIZE OF THE PIPE PASSING THROUGH WALLS OR UNDER SLABS TO PROTECT PIPES FROM BREAKAGE.
5. PIPES CLEANOUTS:
CLEANOUTS ARE REQUIRED EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING TWENTY - TWO AND HALF DEGREES (22 1/2°).
6. DEAD ENDS AVOIDED:
IN THE INTALLATIONS OF PLUMING SYSTEM DEAD ENDS SHALL BE AVOIDED.
7. ALL PLUMBING WORKS:
ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL PLUMBING CODE, REQUIREMENTS OF THE PLUMBING INSPECTION OFFICE AND PERTINENT PROVISIONS OF THE NATIONAL BUILDING CODE.

LOCATION MAP AND MAIN WATER SUPPLY CONNECTION

SCALE 1:2000

LEGENDS

| | | | | | |
|------|----------------------|-----|------------------|--|----------------------------|
| SP | SOIL PIPE | FD | FLOOR DRAIN | | 4" Ø PVC S1000 SOIL PIPES |
| WP | WASTE PIPE | CO | CLEANOUT | | 3" Ø PVC S1000 WASTE PIPES |
| VP | VENT PIPE | URI | URINAL | | 2" Ø PVC S1000 WASTE PIPES |
| SS | SOIL STACK | WC | WATER CLOSET | | 2" Ø PVC S1000 VENT PIPES |
| VS | VENT STACK | LAV | LAVATORY | | 110MM Ø HDPE PIPE |
| VTW | VENT THRU WALL | GV | GATE VALVE | | 63MM Ø PPR PIPE PN20 |
| SVTR | STACK VENT THRU ROOF | CV | CHECK VALVE | | 32MM Ø PPR PIPE PN20 |
| FCO | FLOOR CLEANOUT | CCO | CEILING CLEANOUT | | 20MM Ø PPR PIPE PN20 |



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:

AR. PAULO A. DOCTOR
ARCHITECT/REGISTERED MASTER PLUMBER, OFDM

CERTIFIED BY:

AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:

ATTY. WILMINK J. RAMOS
VP, ADMINISTRATION AND FINANCE

APPROVED:

DR. ARNOLD E. VELASCO
PRESIDENT

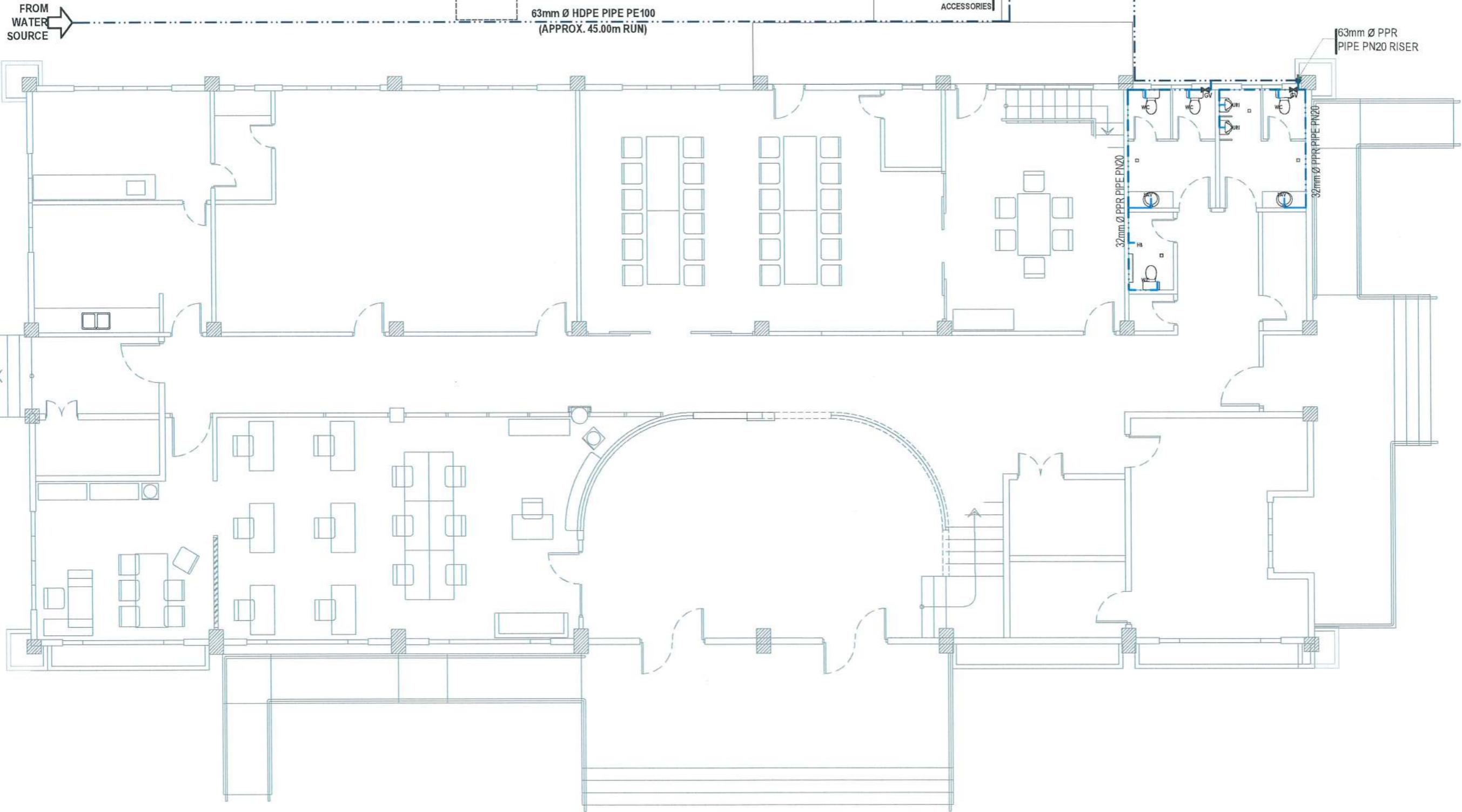
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33-41

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NOTE: REMOVE AND REPLACE ALL EXISTING PLUMBING FIXTURES AND PIPING (EXCEPT THE LABORATORY ROOM SINKS AND PIPING), INCLUDING RESTORATION OF AFFECTED MASONRY AND CEILING AREAS



| LEGEND | |
|--------|--------------------------------|
| | 110MM Ø HDPE PIPE PE100 SDR 09 |
| | 63MM Ø PPR PIPE PN20 |
| | 32MM Ø PPR PIPE PN20 |
| | 20MM Ø PPR PIPE PN20 |

PROPOSED GROUND FLOOR WATERLINE LAYOUT

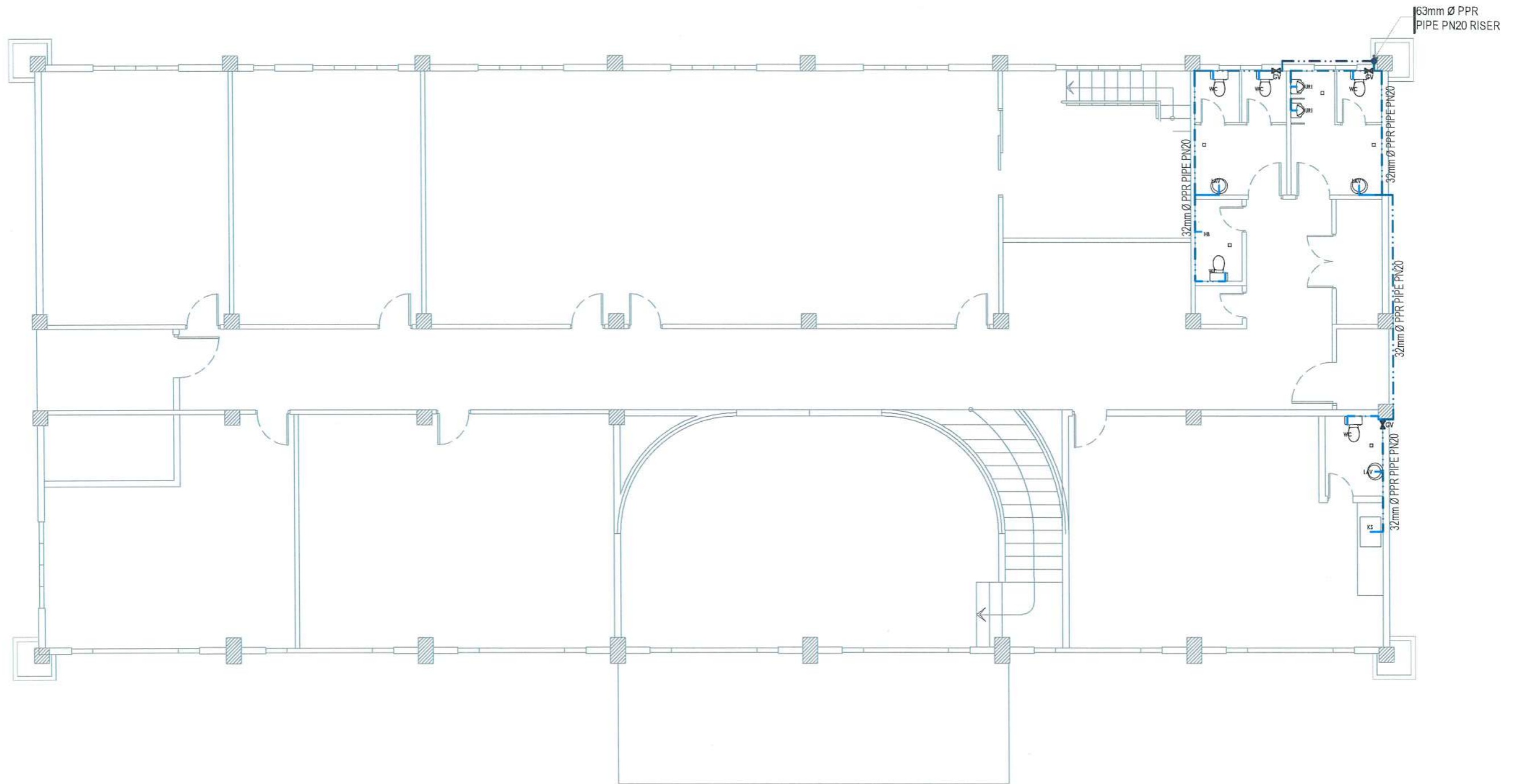
SCALE

1:100 MTS

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|--|-------------------------------|--------------------|--|---|--|---|--|--------------------|-----|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | AR. PAUL A. DOCTOR ARCHITECT/REGISTERED MASTER PLUMBER, OFDM | AR. ARLEN M. GUIAB DIRECTOR, OFDM | ATTY. WILMAR J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | P-2 |
| | PROJECT LOCATION: | | | | | | | DATE: AUGUST, 2024 | |
| LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | | | |

| LEGEND | |
|--------|--------------------------------|
| | 110MM Ø HDPE PIPE PE100 SDR 09 |
| | 63MM Ø PPR PIPE PN20 |
| | 32MM Ø PPR PIPE PN20 |
| | 20MM Ø PPR PIPE PN20 |

NOTE: REMOVE AND REPLACE ALL EXISTING PLUMBING FIXTURES AND PIPING, INCLUDING RESTORATION OF AFFECTED MASONRY AND CEILING AREAS





PROPOSED SECOND FLOOR WATERLINE LAYOUT

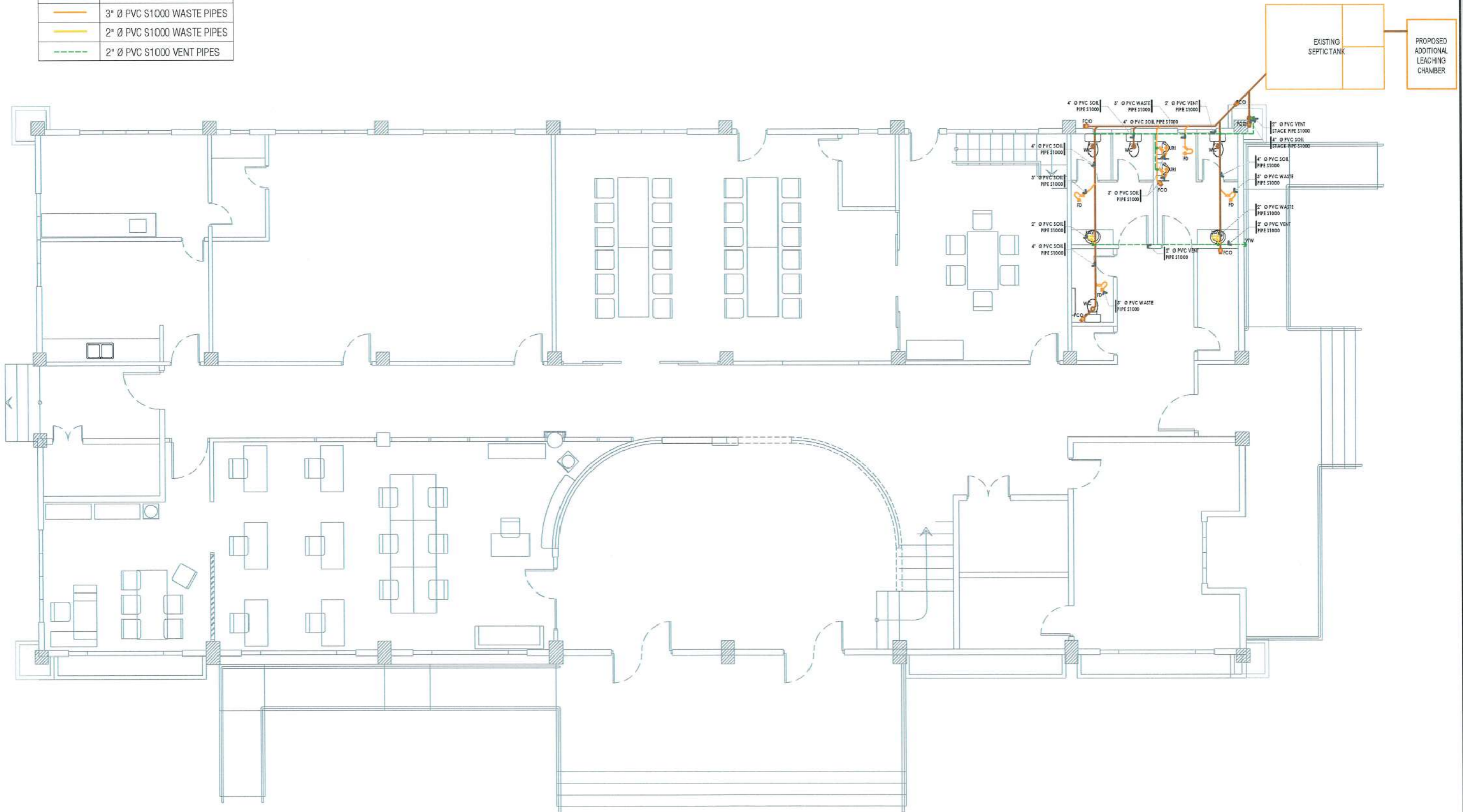
SCALE

1:100 MTS

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| | PROJECT LOCATION: | | | | | | | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | DATE: AUGUST, 2024 |

NOTE: REMOVE AND REPLACE ALL EXISTING PLUMBING FIXTURES AND PIPING, INCLUDING RESTORATION OF AFFECTED MASONRY AND CEILING AREAS






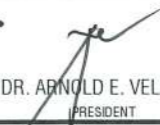
| LEGEND | |
|---|----------------------------|
|  | 4" Ø PVC S1000 SOIL PIPES |
|  | 3" Ø PVC S1000 WASTE PIPES |
|  | 2" Ø PVC S1000 WASTE PIPES |
|  | 2" Ø PVC S1000 VENT PIPES |



PROPOSED GROUND FLOOR SANITARY LAYOUT

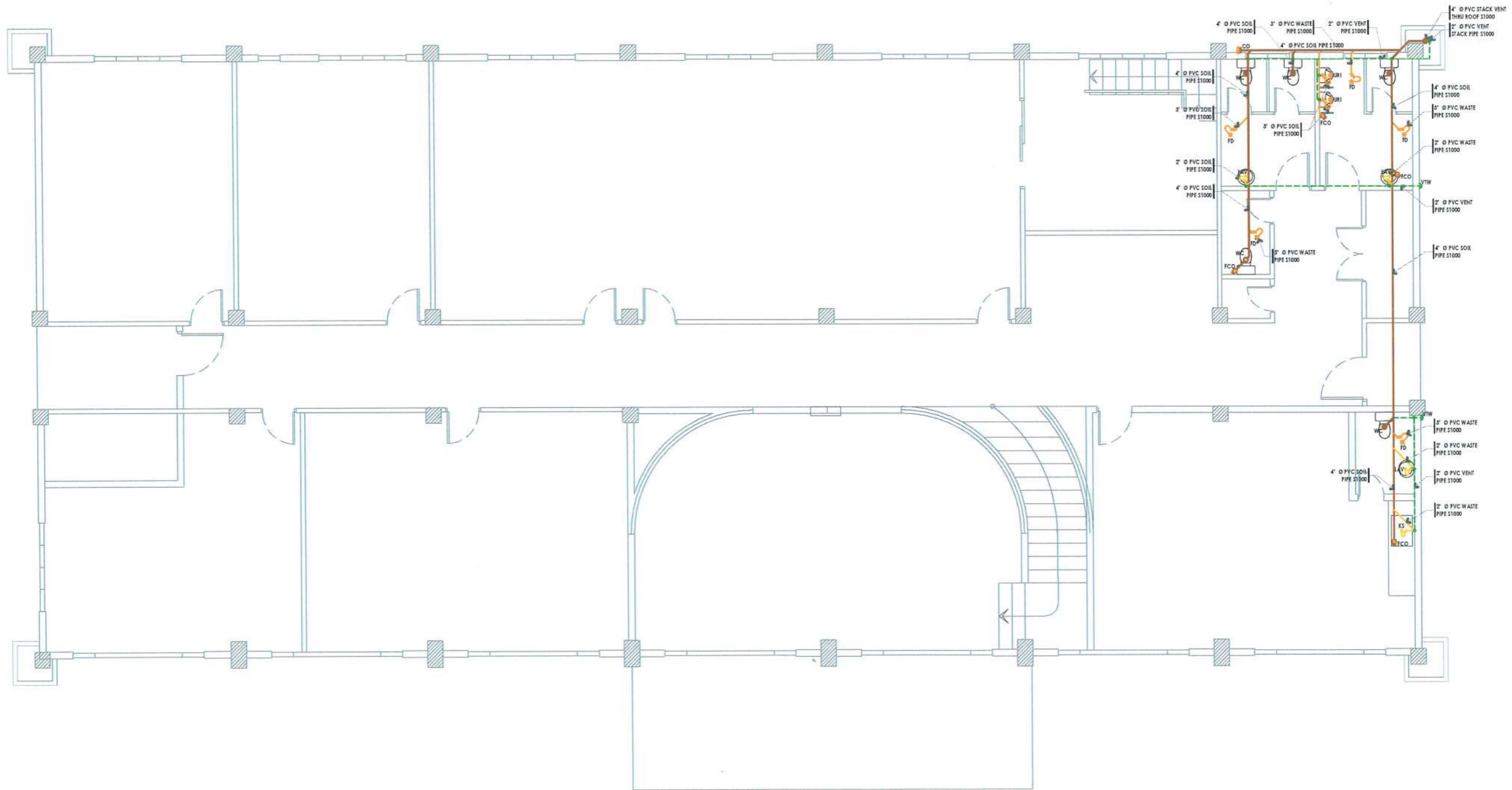
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1:100 MTS

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|  TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300 | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | REFURBISHMENT OF RED BUILDING | |  ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES |  AR. PAULA A. DOCTOR ARCHITECT/REGISTERED MASTER PLUMBER, OFDM |  AR. ARLEN M. GUIEB DIRECTOR, OFDM |  ATTY. WILMARIK S. RAMOS VP, ADMINISTRATION AND FINANCE |  DR. ARNOLD E. VELASCO PRESIDENT | AS SHOWN | P-4 |
| | PROJECT LOCATION: | | | | | | | | |
| LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | | | | | | | 36-41 | |

NOTE: REMOVE AND REPLACE ALL EXISTING PLUMBING FIXTURES AND PIPING, INCLUDING RESTORATION OF AFFECTED MASONRY AND CEILING AREAS

| LEGEND | |
|--------|----------------------------|
| | 4" Ø PVC S1000 SOIL PIPES |
| | 3" Ø PVC S1000 WASTE PIPES |
| | 2" Ø PVC S1000 WASTE PIPES |
| | 2" Ø PVC S1000 VENT PIPES |



PROPOSED SECOND FLOOR SANITARY LAYOUT

SCALE

1:100 MTS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

| |
|--|
| PROJECT TITLE: REFURBISHMENT OF RED BUILDING |
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| REQUESTING OFFICE: ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES |
|--|

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|--|
| PREPARED BY: AR. PAULO A. DOCTOR ARCHITECT/REGISTERED MASTER PLUMBER, OFDM |
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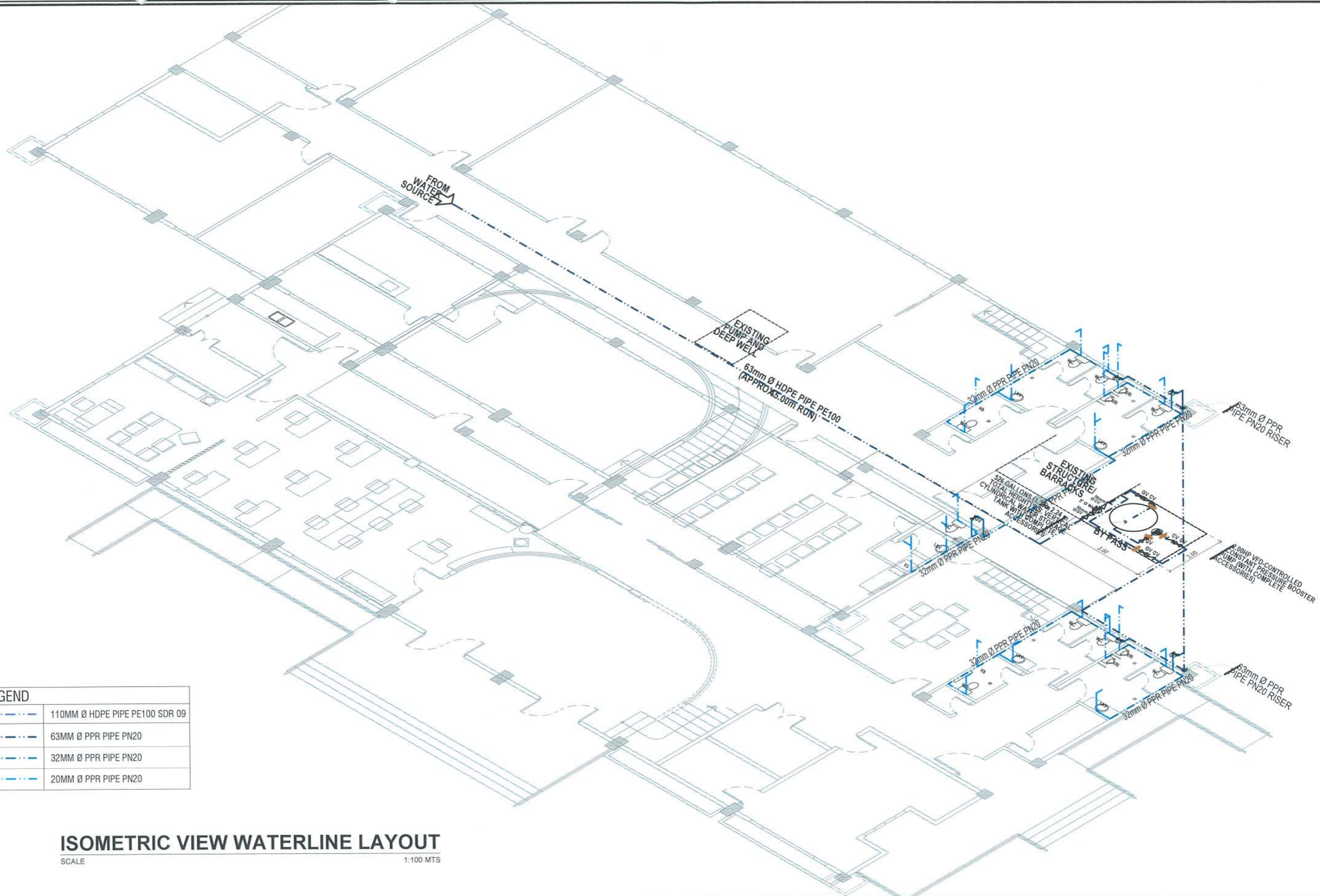
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|---|
| CERTIFIED BY: AR. ARLEN M. GUIEB DIRECTOR, OFDM |
|---|

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|---|
| RECOMMENDING APPROVAL: ATTY. WILMAR J. RAMOS VP, ADMINISTRATION AND FINANCE |
|---|

| |
|---|
| APPROVED: DR. ARNOLD E. VELASCO PRESIDENT |
|---|

| |
|-----------------------------|
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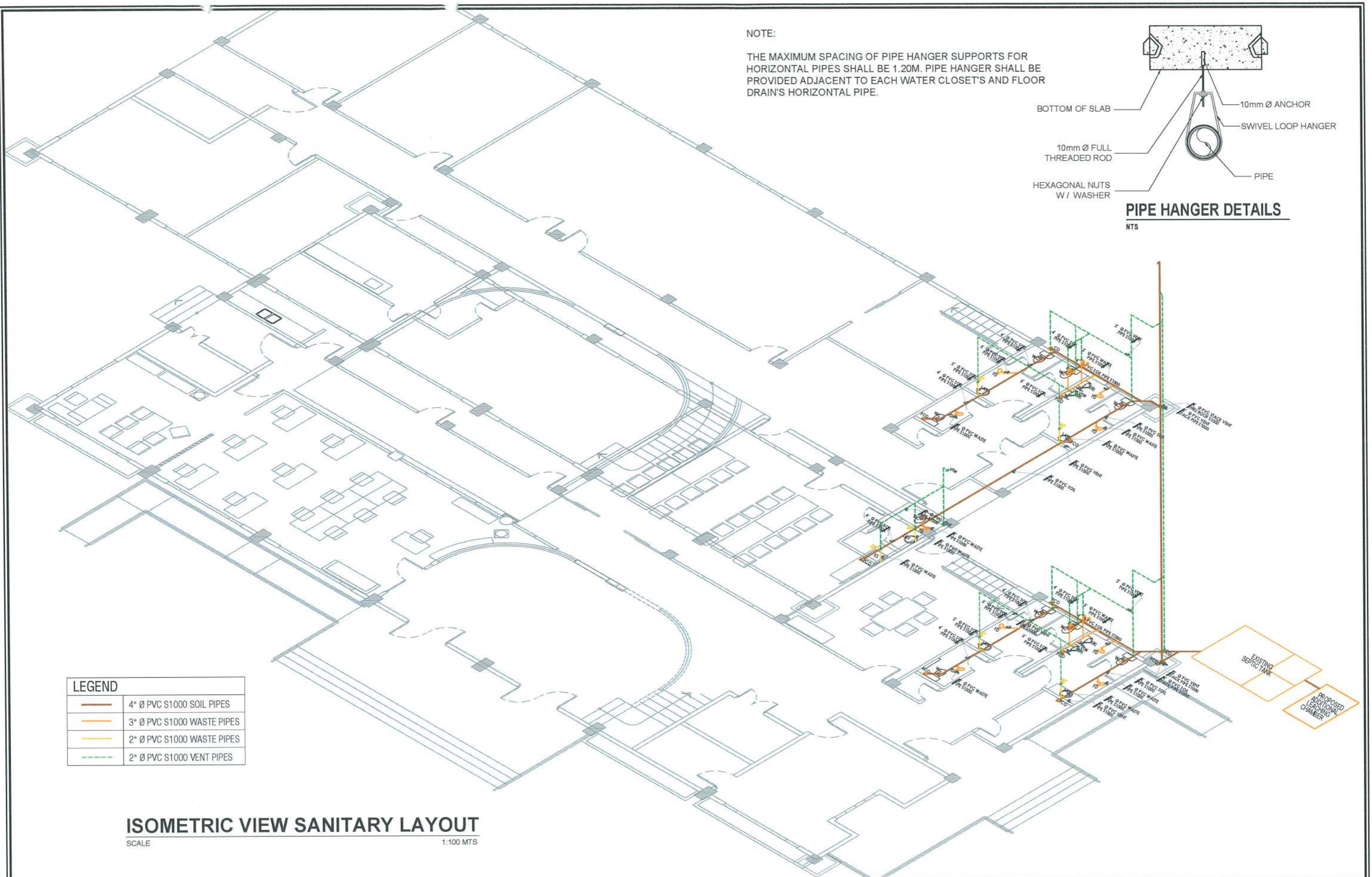


| LEGEND | |
|--------|--------------------------------|
| | 110MM Ø HDPE PIPE PE100 SDR 09 |
| | 63MM Ø PPR PIPE PN20 |
| | 32MM Ø PPR PIPE PN20 |
| | 20MM Ø PPR PIPE PN20 |

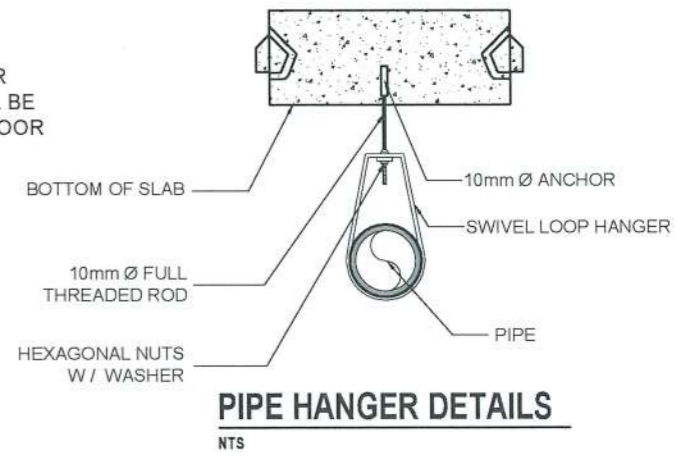
ISOMETRIC VIEW WATERLINE LAYOUT

SCALE 1:100 MTS

| | | | | | | | | | |
|--|-------------------|---|--|--|--------------------------------------|--|------------------------------------|--------------------|--------------------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: | |
| | | REFURBISHMENT OF RED BUILDING | | | | | | AS SHOWN | P-6 |
| | PROJECT LOCATION: | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | AR. PAULA A. DOCTOR ARCHITECT/REGISTERED MASTER PLUMBER, OFDM | AR. ARLEN M. GUIEB DIRECTOR, OFDM | ATTY. VILVAROSA J. RAMOS VP, ADMINISTRATION AND FINANCE | DR. ARNOLD E. VELASCO PRESIDENT | DATE: AUGUST, 2024 | PAGE NO: 38-41 |



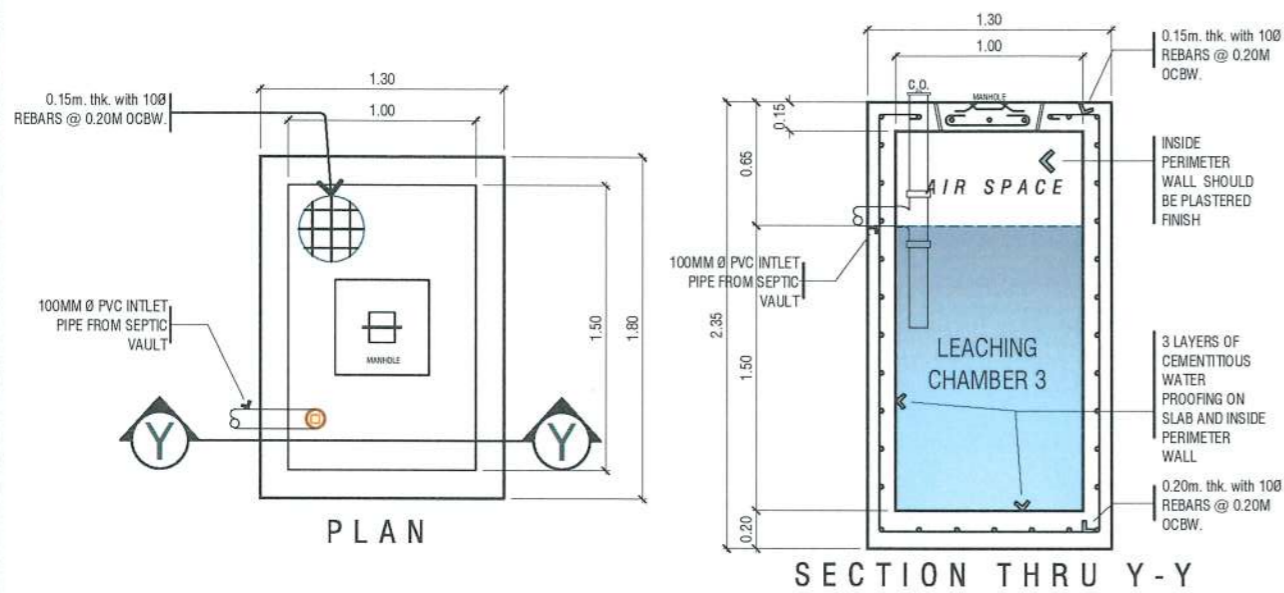
NOTE:
 THE MAXIMUM SPACING OF PIPE HANGER SUPPORTS FOR HORIZONTAL PIPES SHALL BE 1.20M. PIPE HANGER SHALL BE PROVIDED ADJACENT TO EACH WATER CLOSET'S AND FLOOR DRAIN'S HORIZONTAL PIPE.



| LEGEND | |
|--------|----------------------------|
| | 4" Ø PVC S1000 SOIL PIPES |
| | 3" Ø PVC S1000 WASTE PIPES |
| | 2" Ø PVC S1000 WASTE PIPES |
| | 2" Ø PVC S1000 VENT PIPES |

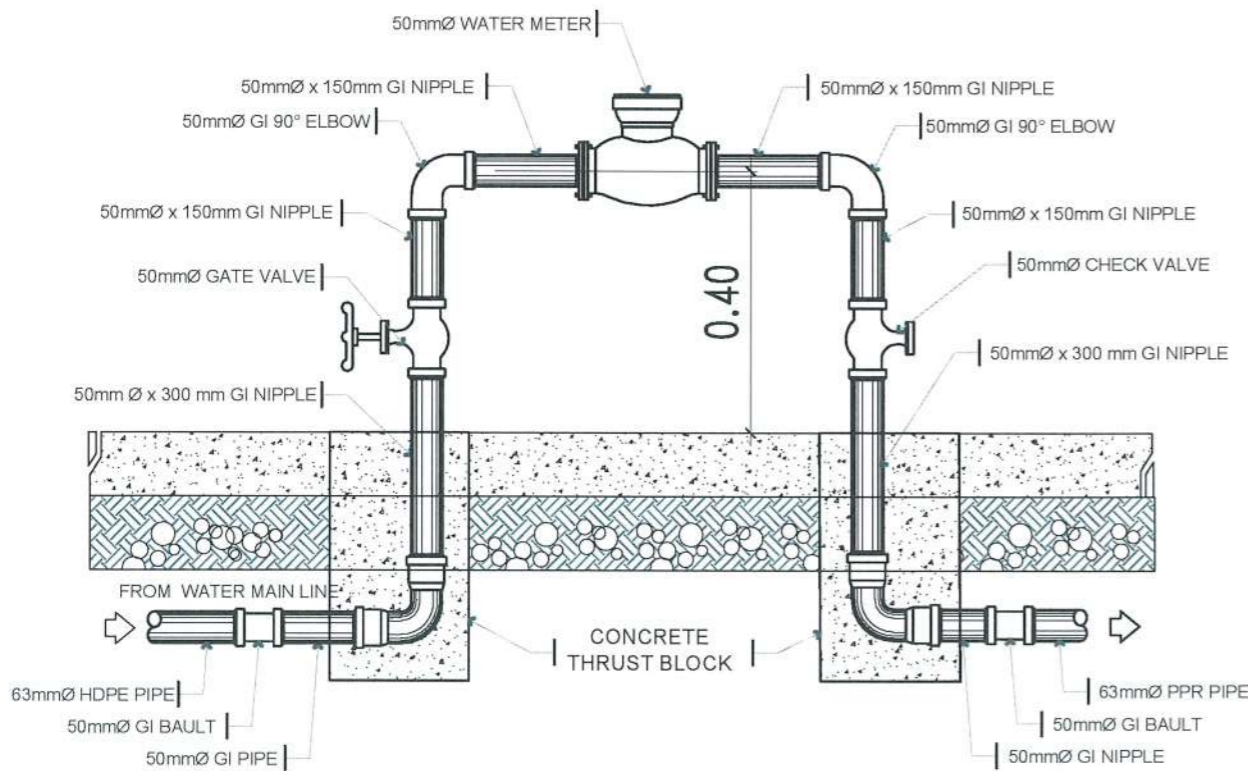
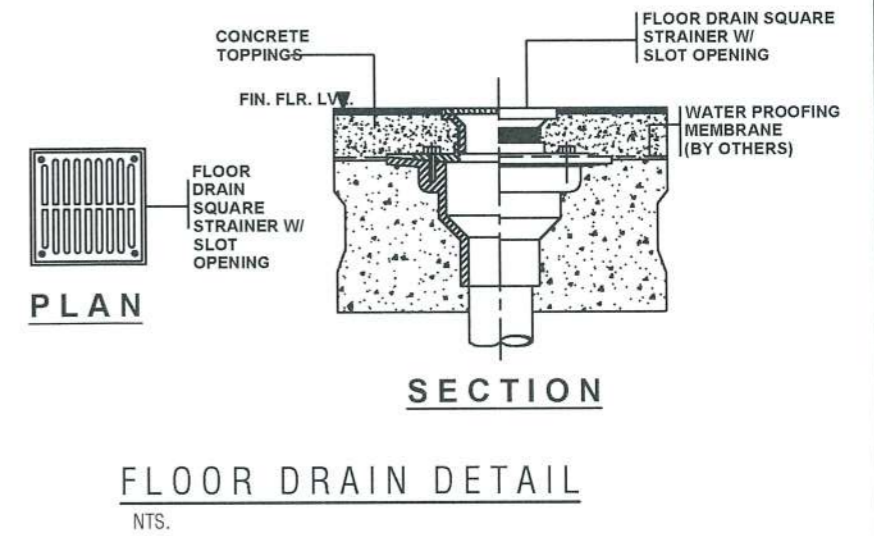
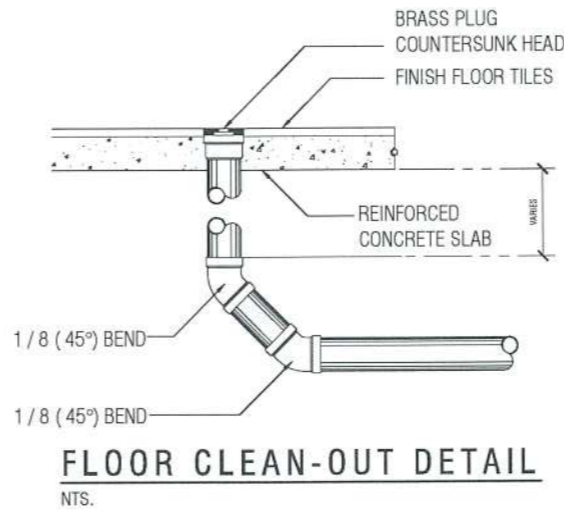
ISOMETRIC VIEW SANITARY LAYOUT
 SCALE 1:100 MTS

| | | | | | | | | |
|--|--|--|--|---|---|---|-----------------------------|--------------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: REFURBISHMENT OF RED BUILDING | REQUESTING OFFICE: | PREPARED BY: AR. PAULO A. DOCTOR ARCHITECT/REGISTERED MASTER PLUMBER, OFDM | CERTIFIED BY: AR. ARLEN M. GUIEB DIRECTOR, OFDM | RECOMMENDING APPROVAL: ATTY. WILMAR J. RAMOS VP, ADMINISTRATION AND FINANCE | APPROVED: DR. ARNOLD E. VELASCO PRESIDENT | SHEET CONTENTS: AS SHOWN | SHEET NO.: P-7 |
| | PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | ENGR. EMIR LENARD S.F. SICANGCO DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | | | | | | PAGE NO.: 39-41 |
| | | | | | | | DATE: AUGUST, 2024 | |



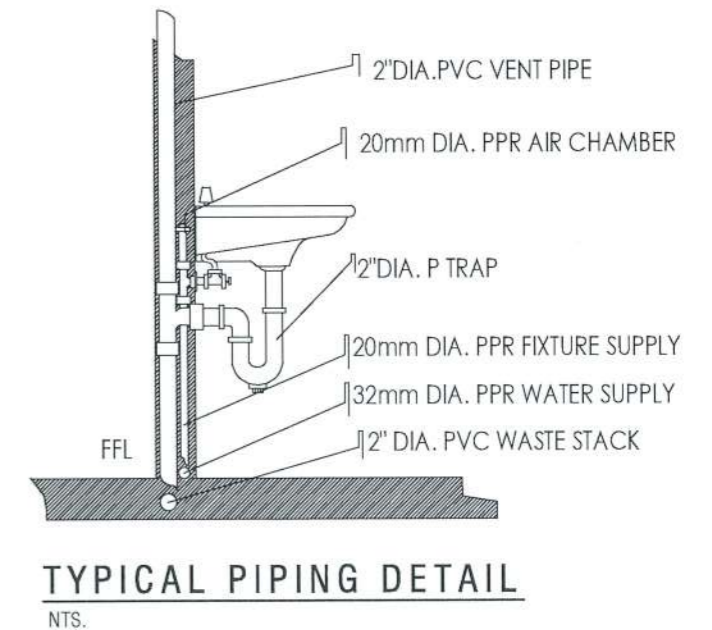
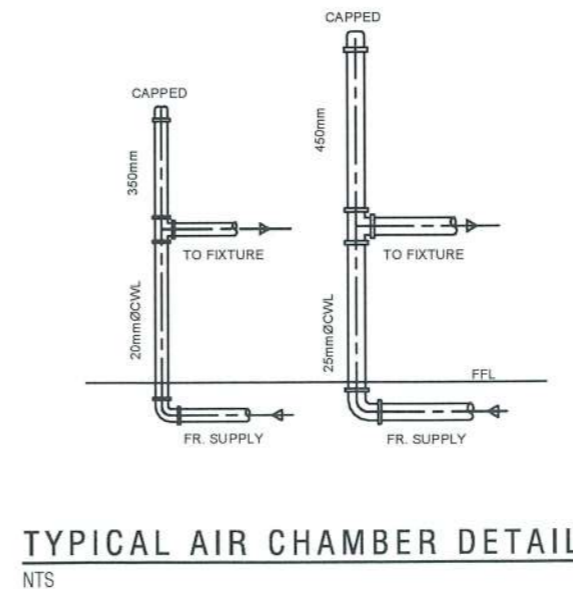
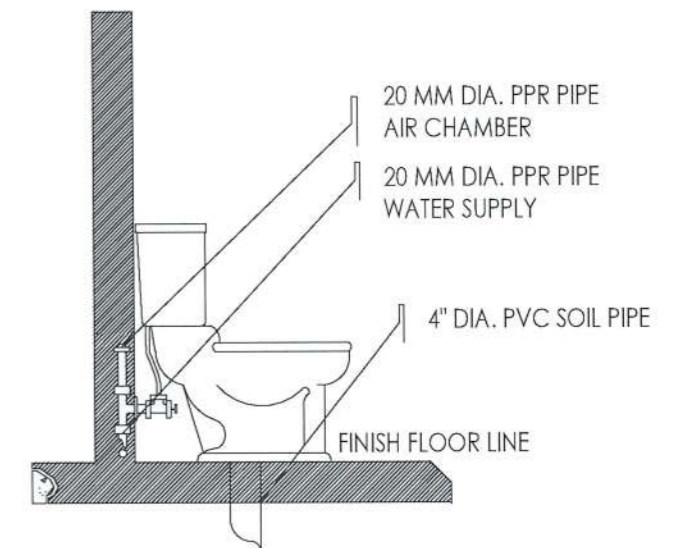
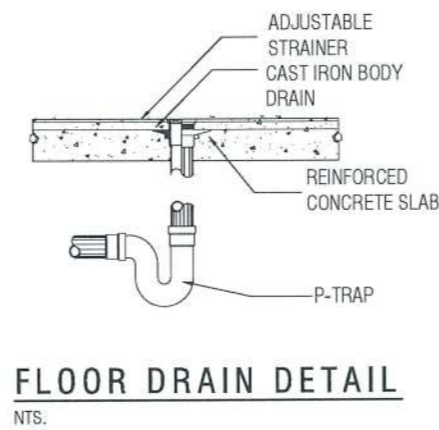
LEACHING CHAMBER 3 DETAILS

SCALE 1:40



BUILDING SUB-METER DETAILS

NTS



PROJECT TITLE:
REFURBISHMENT OF RED BUILDING

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
ENGR. EMIR LENARD S.F. SICANGCO
DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES

PREPARED BY:
AR. PAUL A. DOCTOR
ARCHITECT (REGISTERED) MASTER PLUMBER, OFDM

CERTIFIED BY:
AR. ARLEN M. GUIEB
DIRECTOR, OFDM

RECOMMENDING APPROVAL:
ATTY. WILFRED J. RAMOS
VP, ADMINISTRATION AND FINANCE

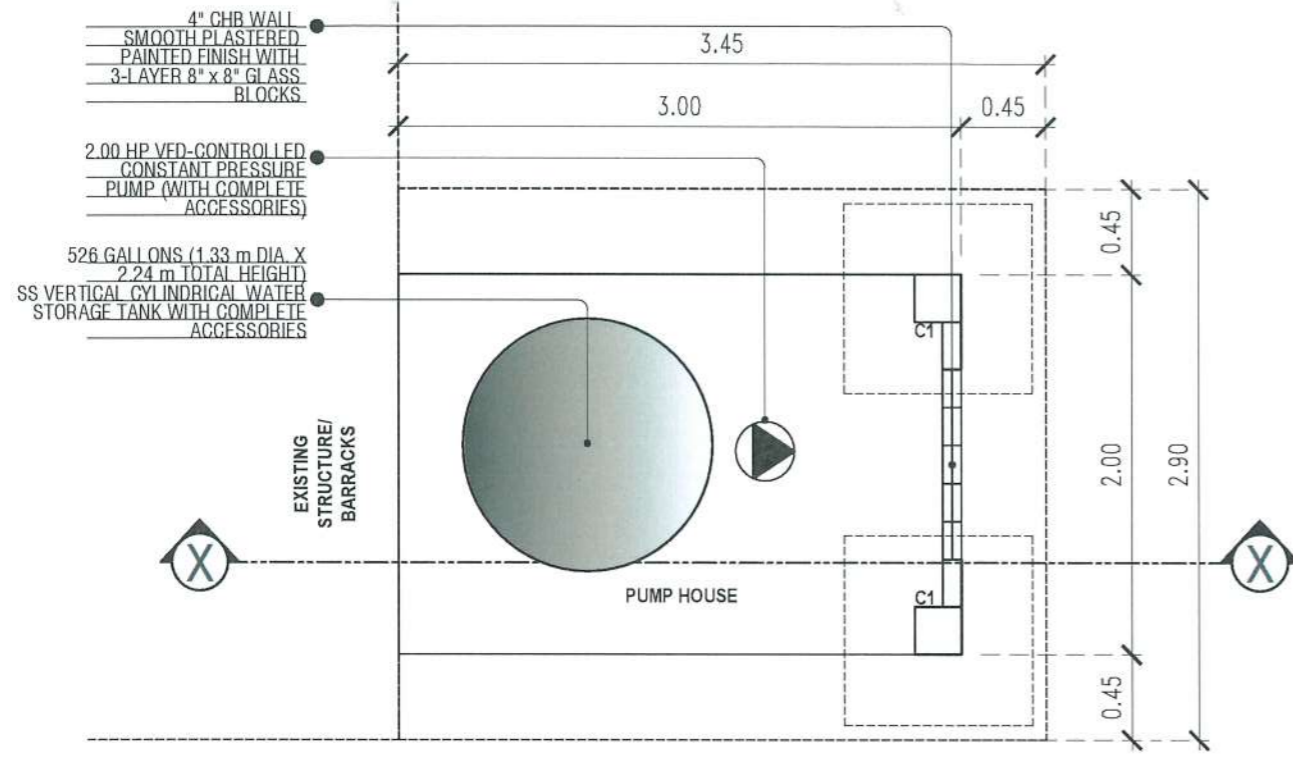
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

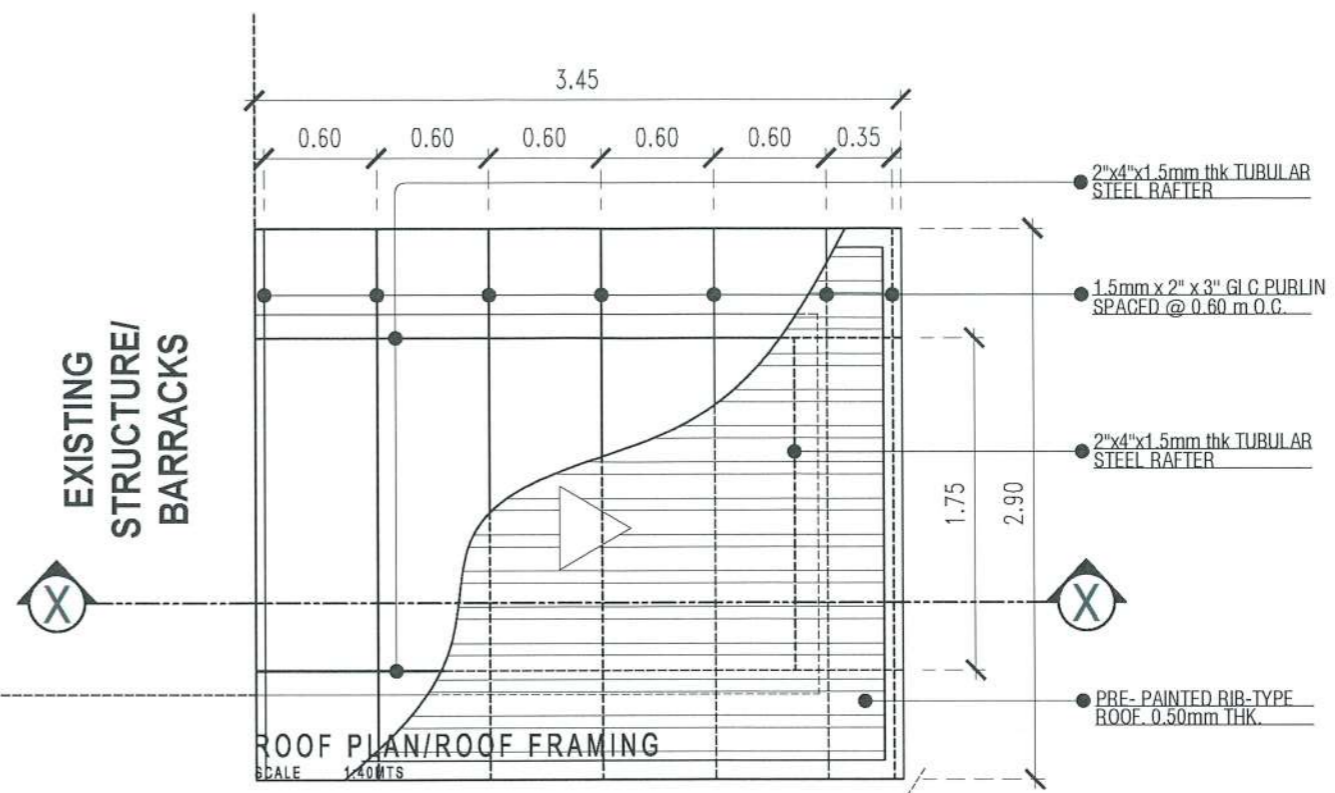
DATE: AUGUST, 2024

SHEET NO.:
P-8

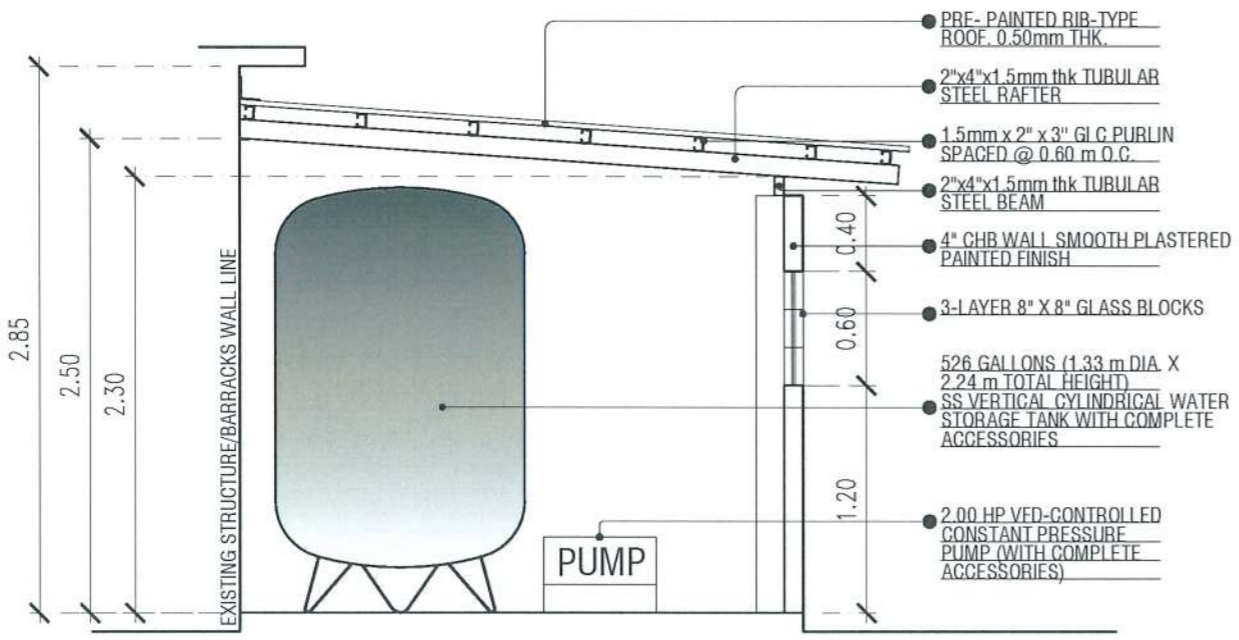
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40-41



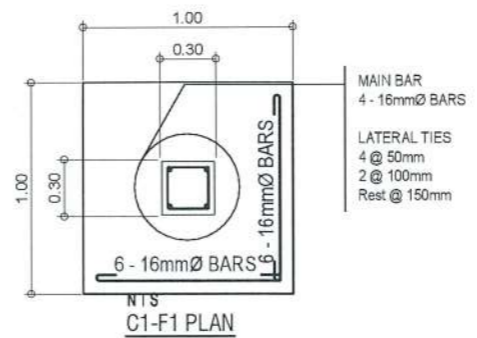
PLAN
SCALE 1:40MTS



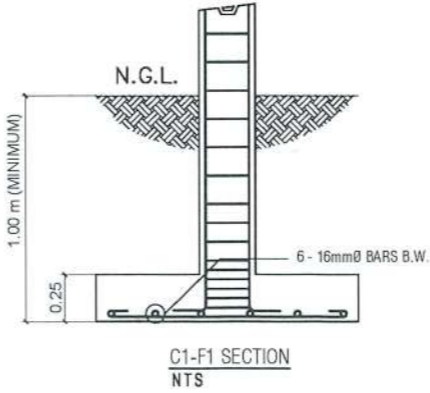
ROOF PLAN/ROOF FRAMING
SCALE 1:40MTS



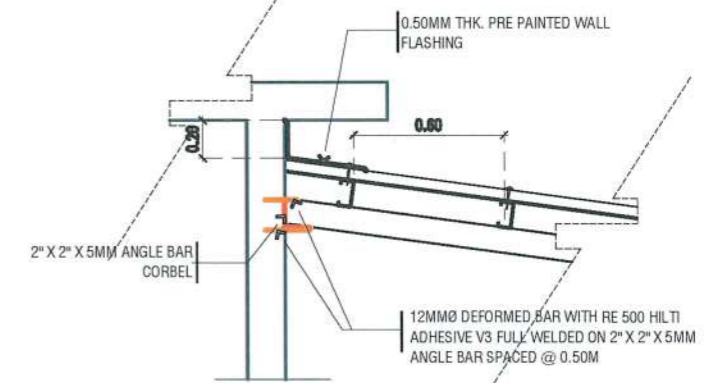
SECTION THRU "X-X"
SCALE 1:40MTS



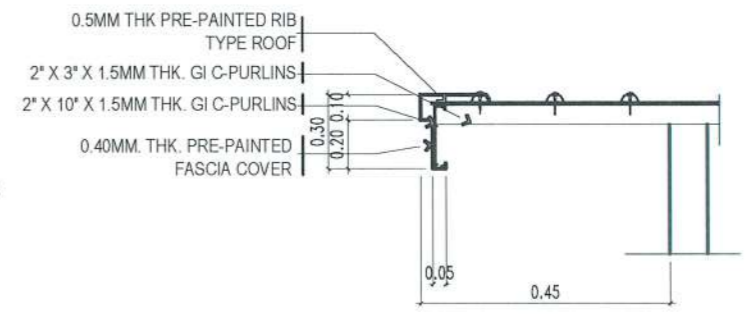
C1-F1 PLAN
NTS



C1-F1 SECTION
NTS



EXISTING WALL - RAFTER CONNECTION DETAILS
SCALE 1:30MTS



END FLASHING DETAIL
SCALE 1:30MTS

PUMP HOUSE DETAILS

SCALE 1:40MTS

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|--|---|--------------------|---|---|------------------------|--------------------------------|-----------------|--------------------|
| <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p> | PROJECT TITLE: | REQUESTING OFFICE: | PREPARED BY: | CERTIFIED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENTS: | SHEET NO.: |
| | REFURBISHMENT OF RED BUILDING | | ENGR. EMIR LENARD S.F. SICANGCO | AR. PAUL D. DOCTOR | AR. ARLEN M. GUIEB | DR. ARNOLD E. VELASCO | AS SHOWN | P-9 |
| | LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY | | DIRECTOR, OFFICE OF THE UNIVERSITY EXTENSION SERVICES | ARCHITECT/REGISTERED MASTER PLUMBER, OFDM | DIRECTOR, OFDM | VP, ADMINISTRATION AND FINANCE | PRESIDENT | DATE: AUGUST, 2024 |