













PROPOSED ROAD, PARKINGS & LANDSCAPE PERSPECTIVE

  TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)								AS SHOWN	A-02
	PROJECT LOCATION:									PAGE NO.:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY		DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	AR. ULYSSES B. CALUYA <small>ARCHITECT, FDMO</small>	AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	DR. GRACE M. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	DATE: SEPTEMBER 2023	02/163	











P E R S P E C T I V E

  <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		 DR. EDWIN T. CAOLENG DEAN, CPAG	 AR. ULYSSES B. CALUYA ARCHITECT, FDMO	 AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-03
	PROJECT LOCATION:								DATE: SEPTEMBER 2023	PAGE NO: 03/163



P E R S P E C T I V E

  <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)								AS SHOWN	A-04
	PROJECT LOCATION:		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO: 04/163

LUCINDA
EXTENSION
CAMPUS

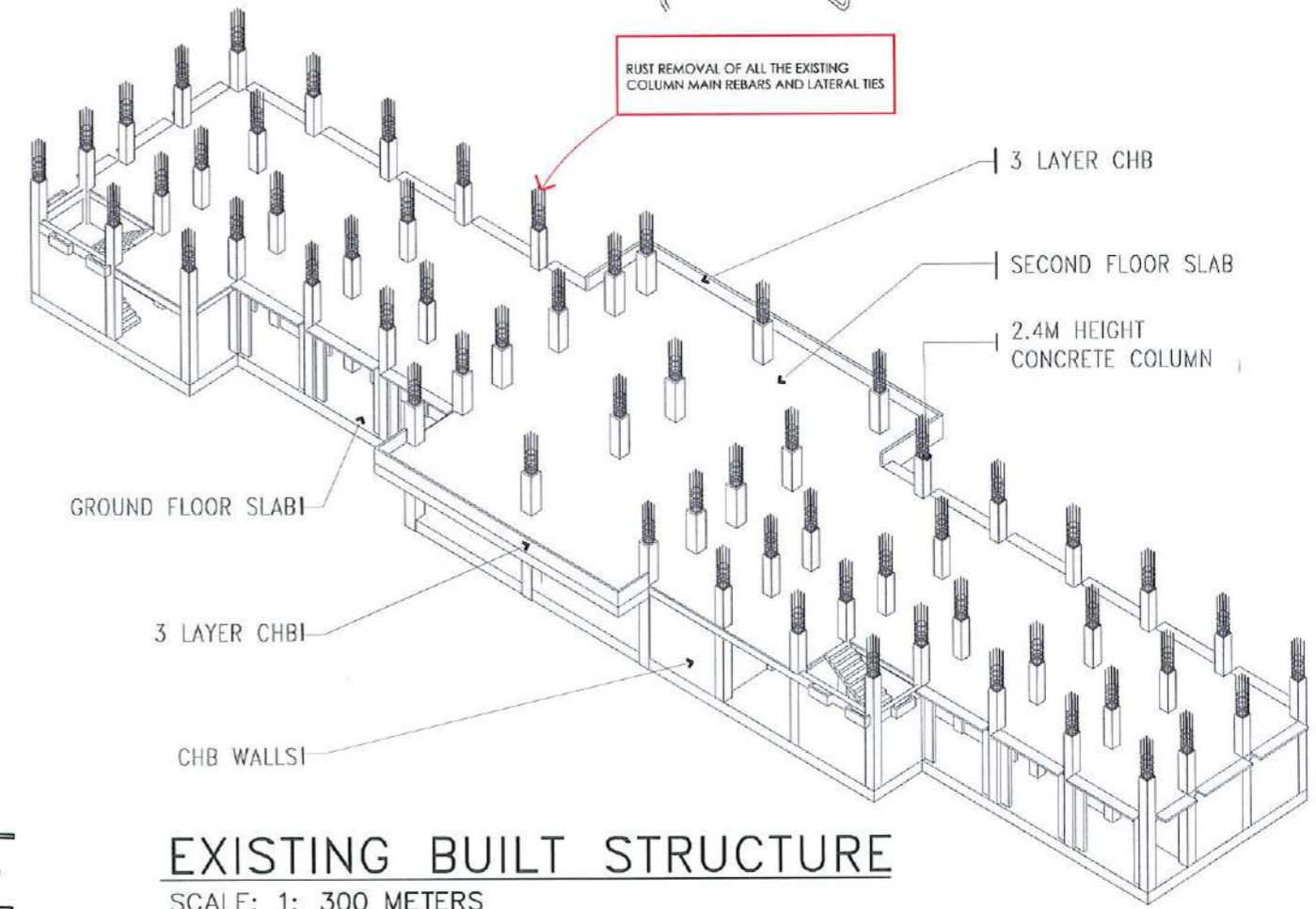
TO BAGUIO

COLLEGE
OF THE
HOLY
SPIRIT

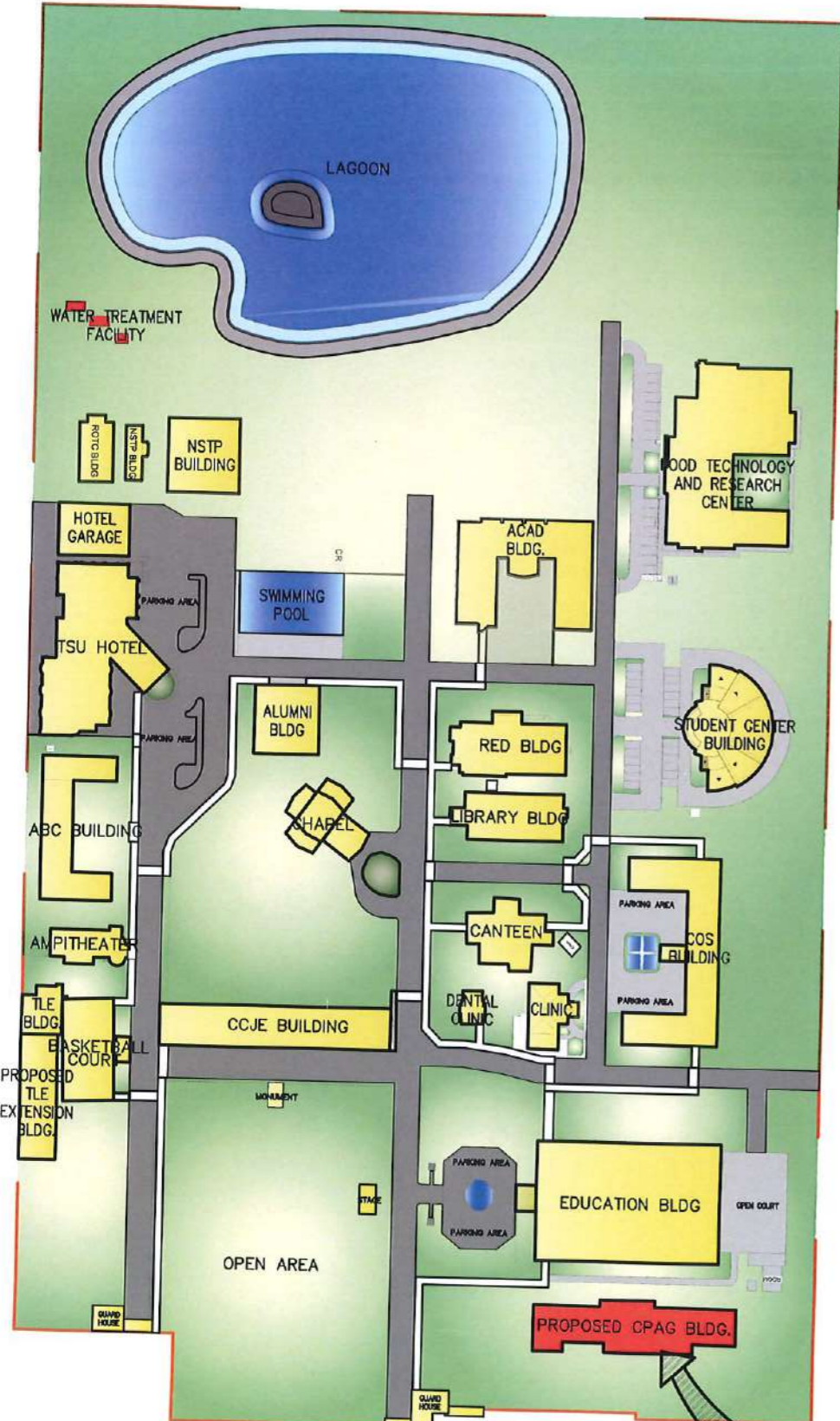
TO MANILA



VICINITY MAP
SCALE: NTS



EXISTING BUILT STRUCTURE
SCALE: 1: 300 METERS



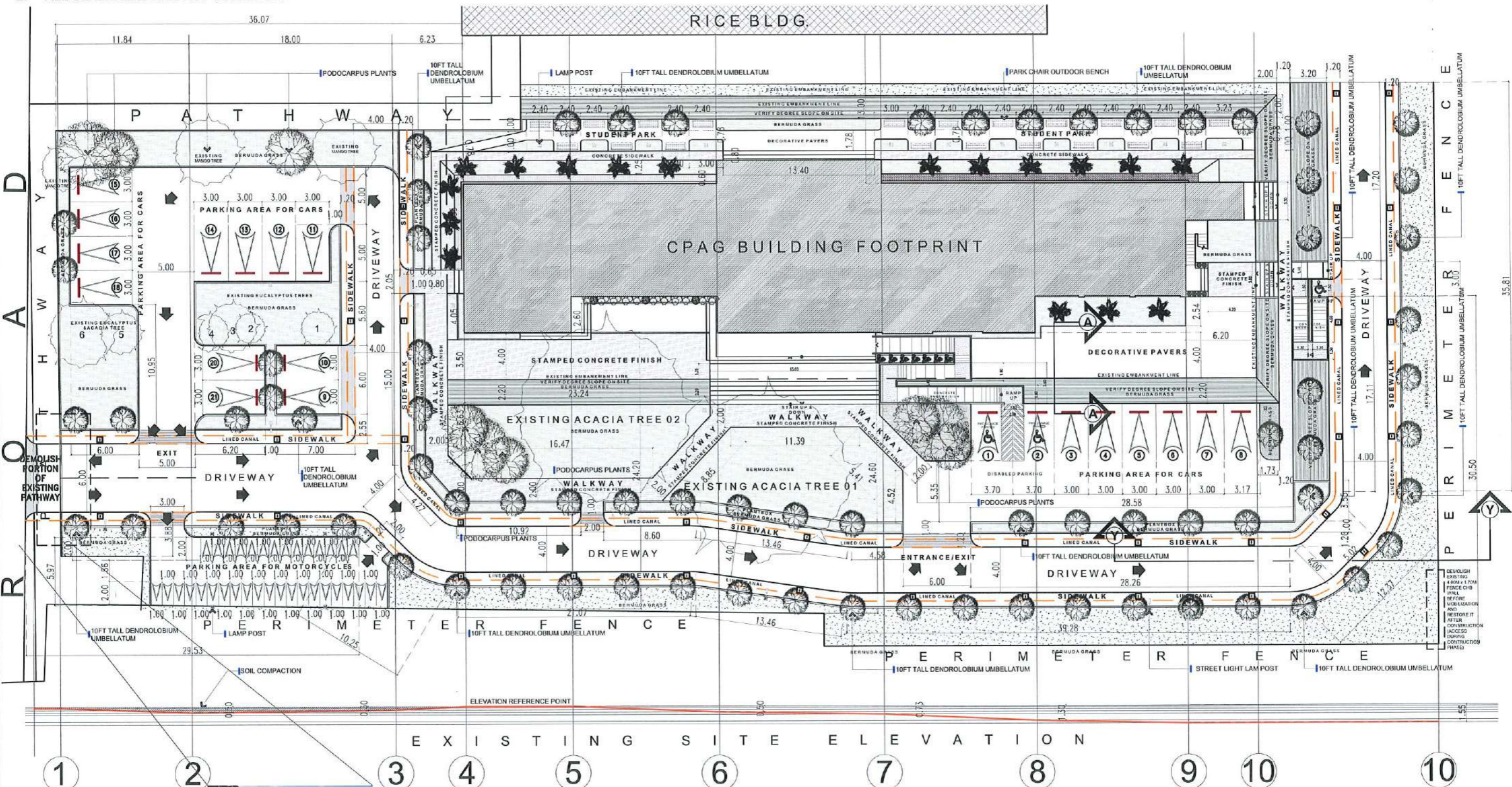
LOCATION MAP
SCALE: 1: 2000

SITE



<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 3100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO.: 05/163

- NOTE:
1. CANALS ARE NOT INCLUDED.
 2. ALL SIDEWALKS ARE NOT INCLUDED.

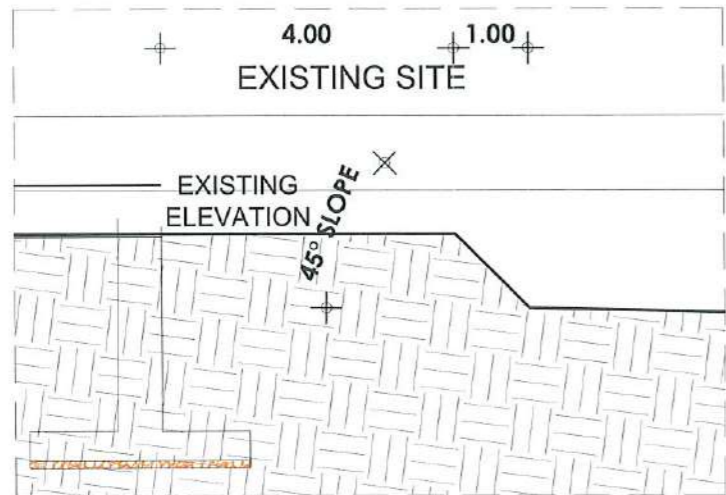


EXISTING PATHWAY PERSPECTIVE

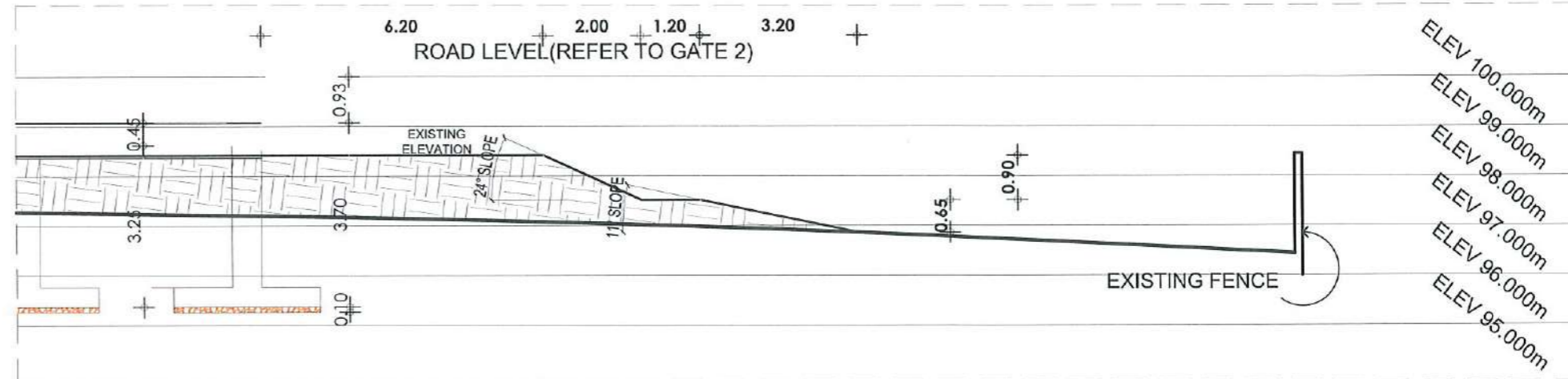
SITE DEVELOPMENT PLAN

SCALE: 1: 350 METERS

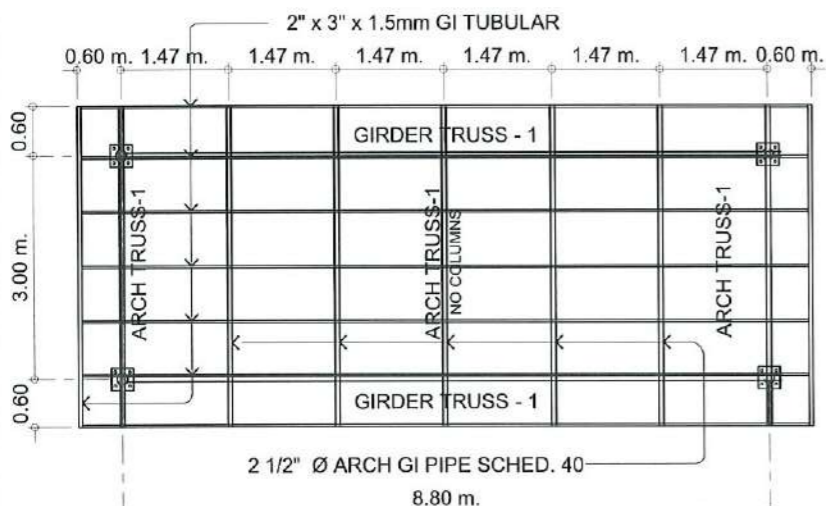
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
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	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	PAGE NO: 06/163



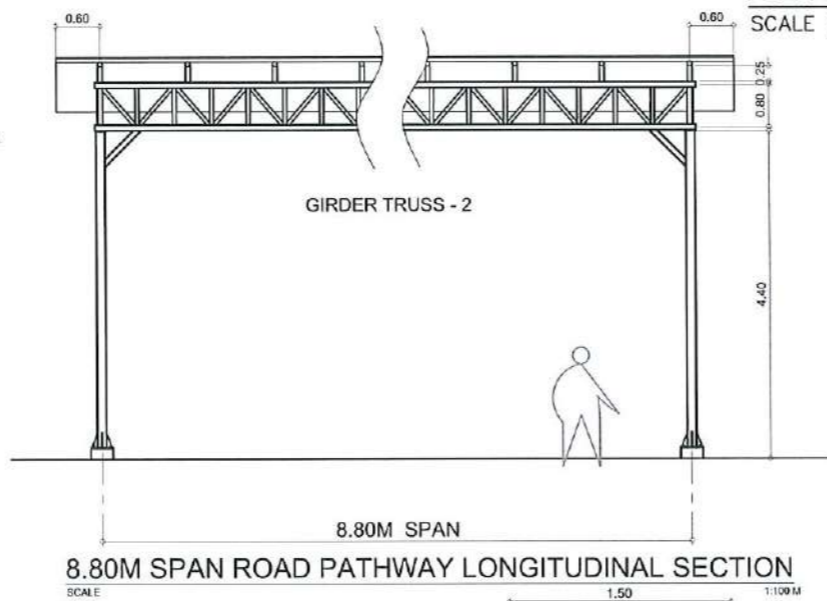
SECTION THRU A-A
EXISTING SITE ELEVATION
SCALE 1:100 MTRS



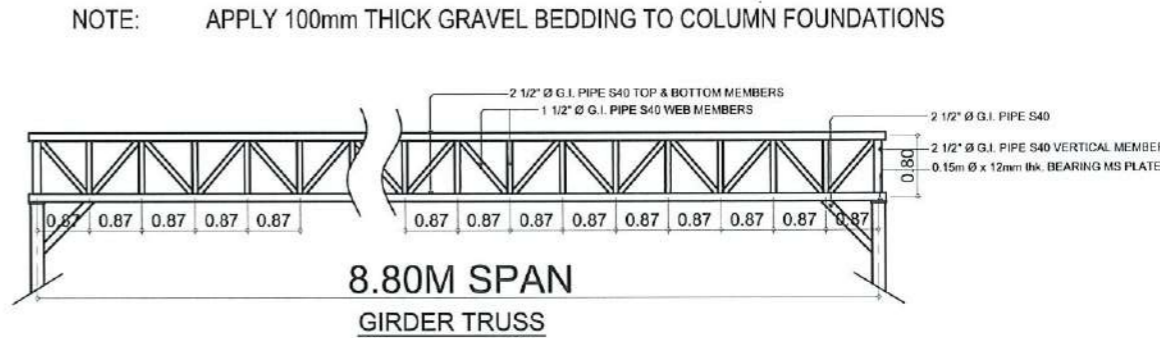
LONGITUDINAL SECTION THRU Y-Y
SCALE 1:120 MTS.



8.80M SPAN ROOF FRAMING PLAN
SCALE 1:100 M

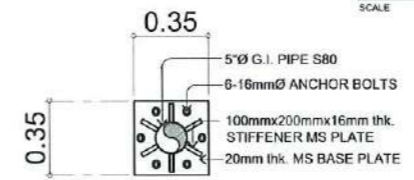


8.80M SPAN ROAD PATHWAY LONGITUDINAL SECTION
SCALE 1:100 M

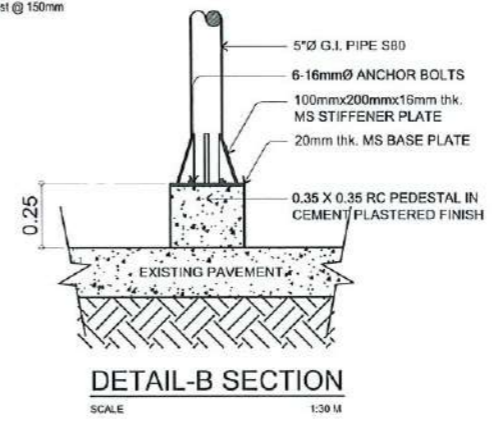


8.80M SPAN GIRDER TRUSS
SCALE 1:70 M

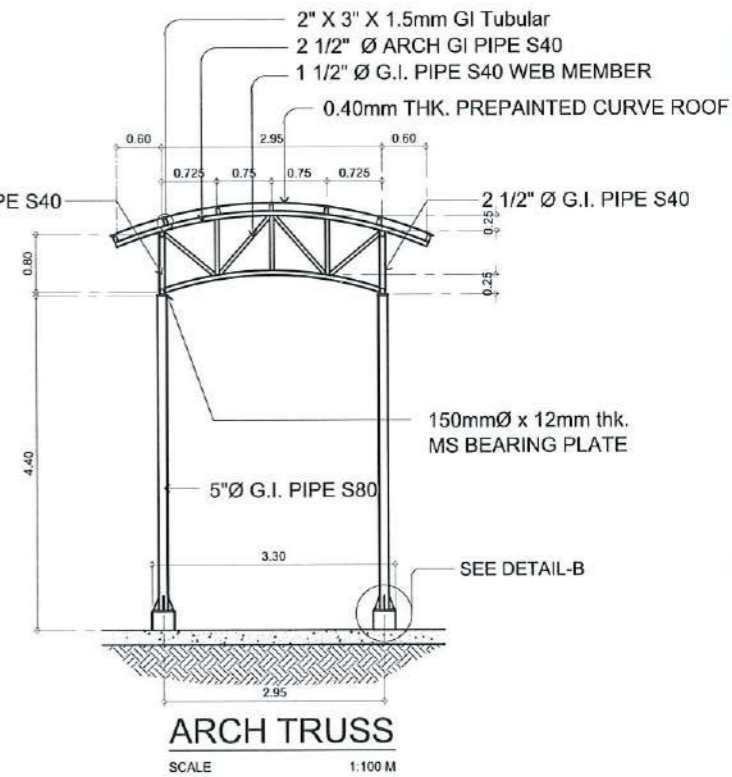
NOTE: APPLY 100mm THICK GRAVEL BEDDING TO COLUMN FOUNDATIONS



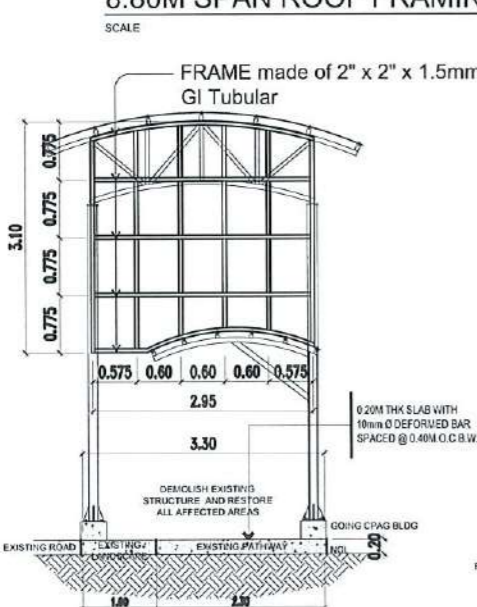
DETAIL-B PLAN
SCALE 1:20 M



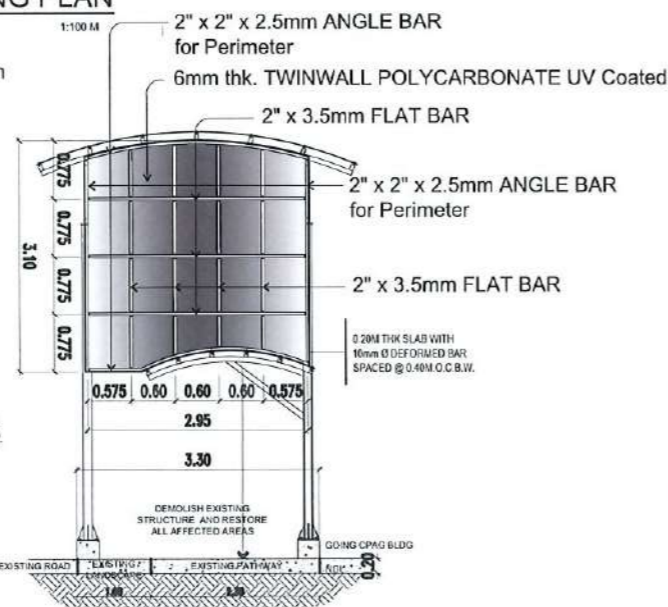
DETAIL-B SECTION
SCALE 1:30 M



ARCH TRUSS
SCALE 1:100 M



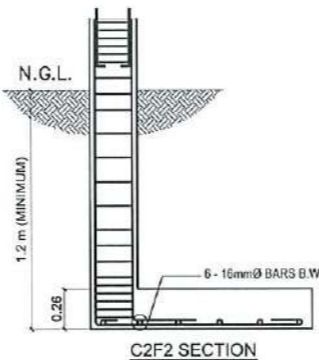
ARCH TRUSS SIDE COVER FRAME DETAIL
SCALE 1:100 M



ARCH TRUSS SIDE COVER DETAIL
SCALE 1:100 M



C3F3 PLAN

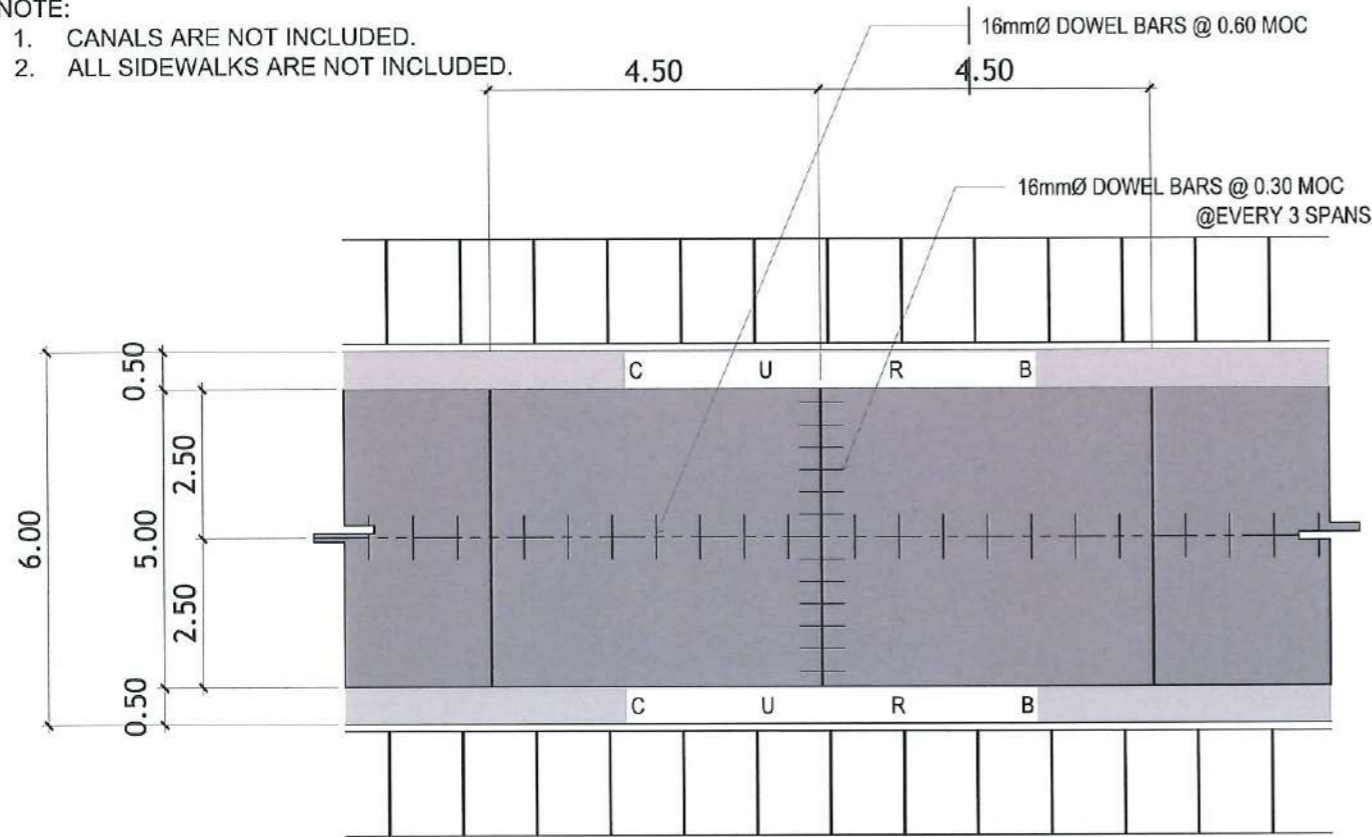


C2F2 SECTION

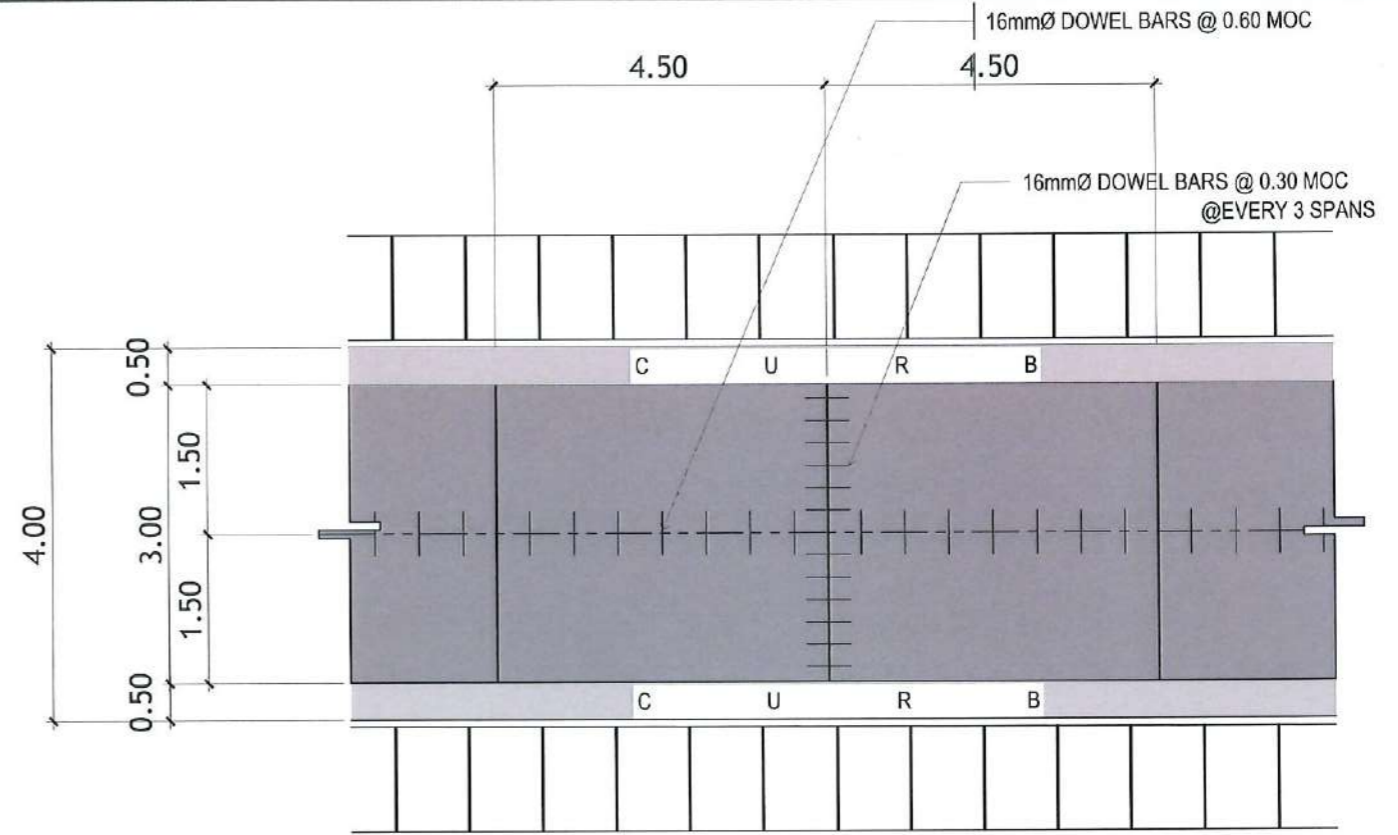
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
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	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO: 07/163

NOTE:

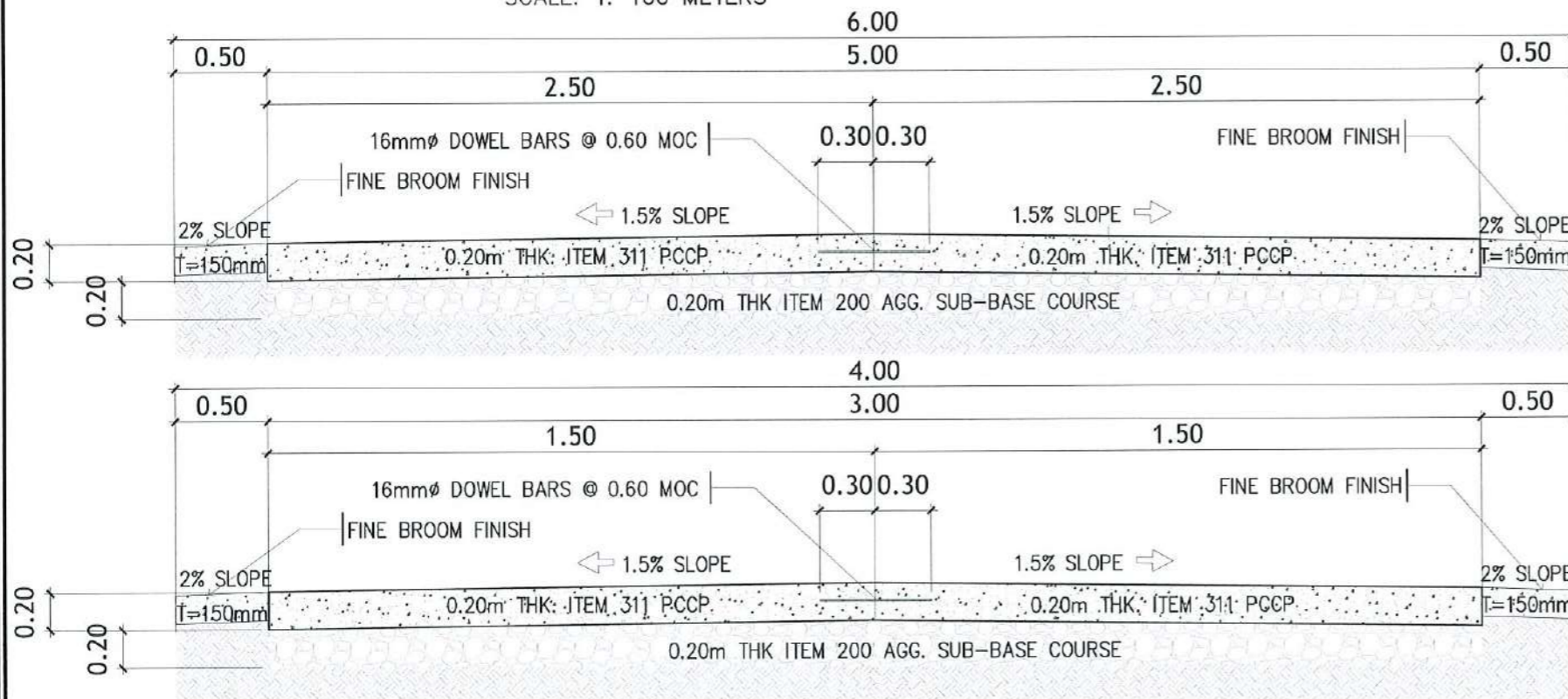
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2. ALL SIDEWALKS ARE NOT INCLUDED.



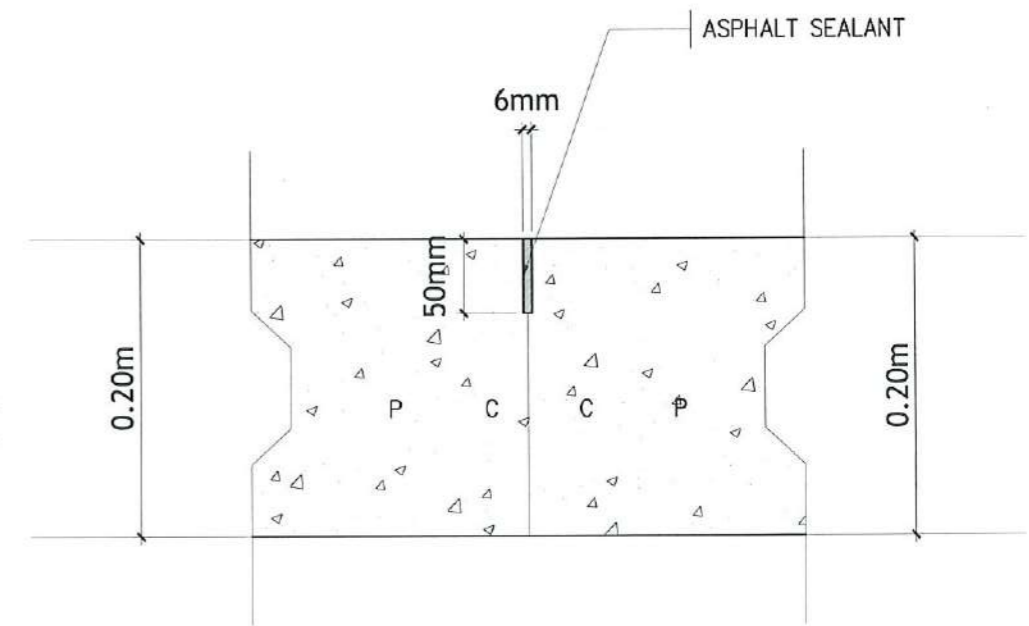
TYPICAL ROADWAY PLAN
SCALE: 1: 100 METERS



TYPICAL ROADWAY PLAN
SCALE: 1: 100 METERS



ROADWAY TYPICAL CROSS SECTION THRU X-X
SCALE: NTS

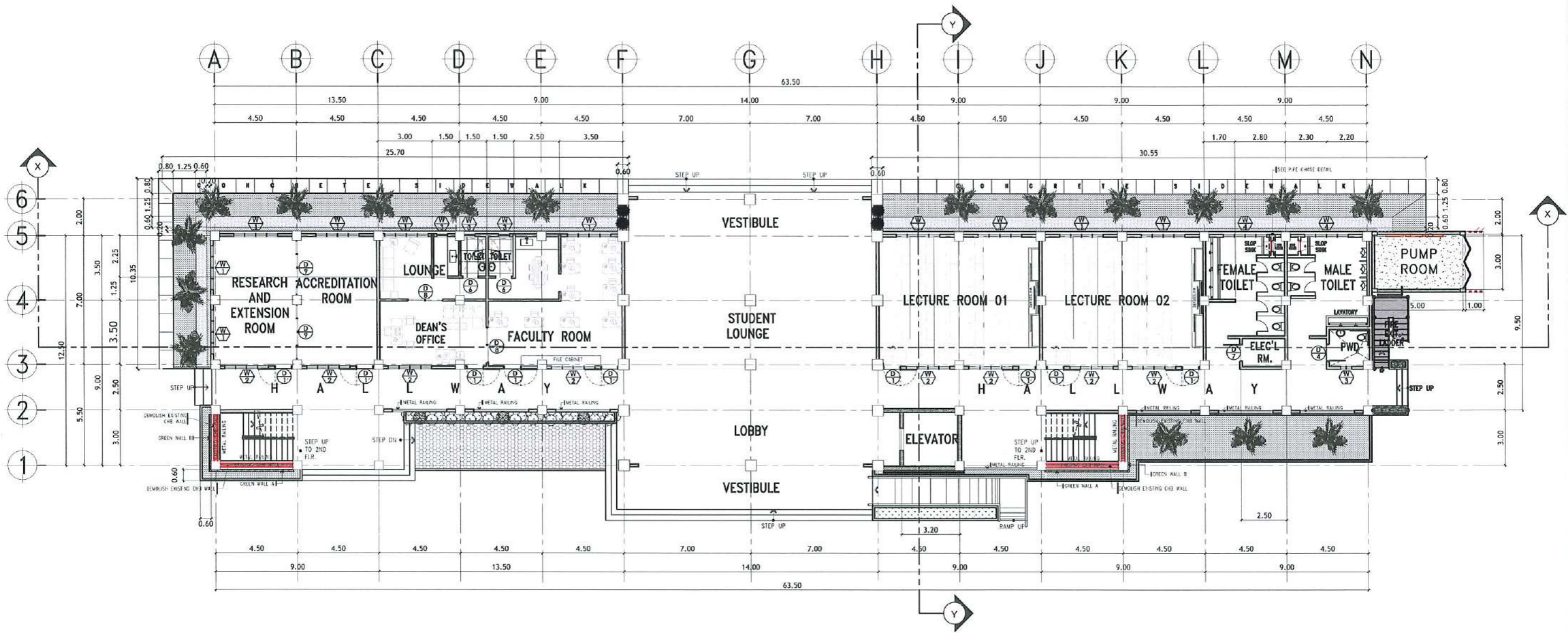


DETAIL OF CONTRACTION JOINT
SCALE: NTS




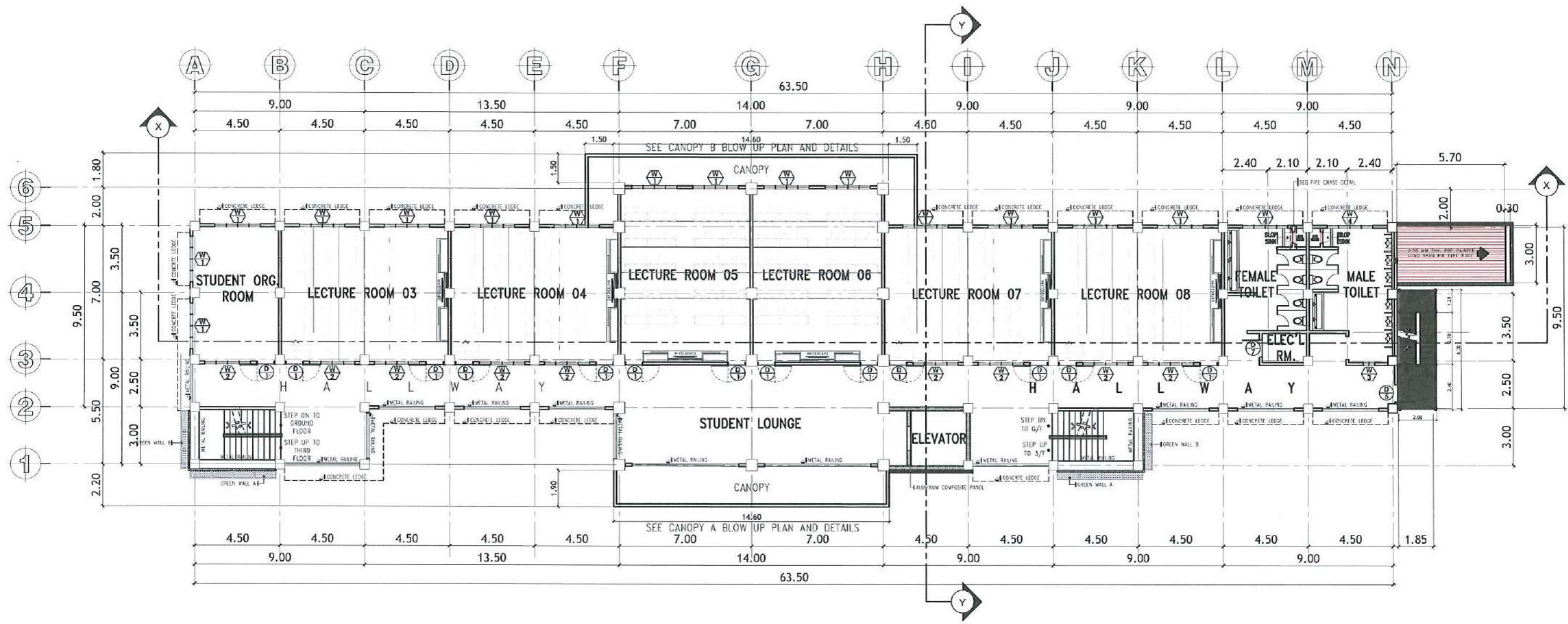
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY: AR. OLYSSES B. CALUYA ARCHITECT, FDMO	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL: AR. CHERRY L. FABIANES DIRECTOR, FDMO	APPROVED: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN DATE: SEPTEMBER 2023	SHEET NO: A-08 PAGE NO: 08/163
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GROUND FLOOR PLAN
SCALE: 1: 225 METERS

 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Rizalda Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 09/163



SECOND FLOOR PLAN

SCALE: 1: 225 METERS



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Facilities Development and
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Romulo Road, Tarlac City, Philippines 2300

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. AILYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

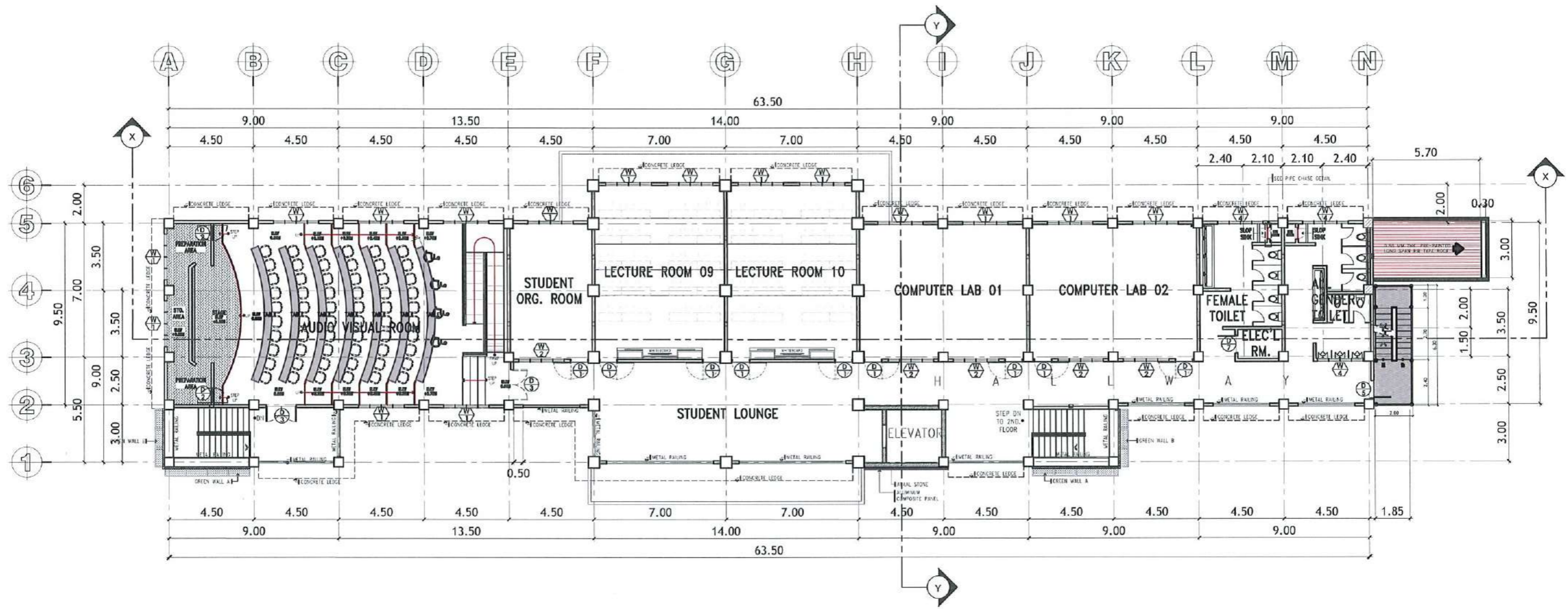
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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THIRD FLOOR PLAN
SCALE: 1: 225 METERS



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

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CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FOMD

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMD

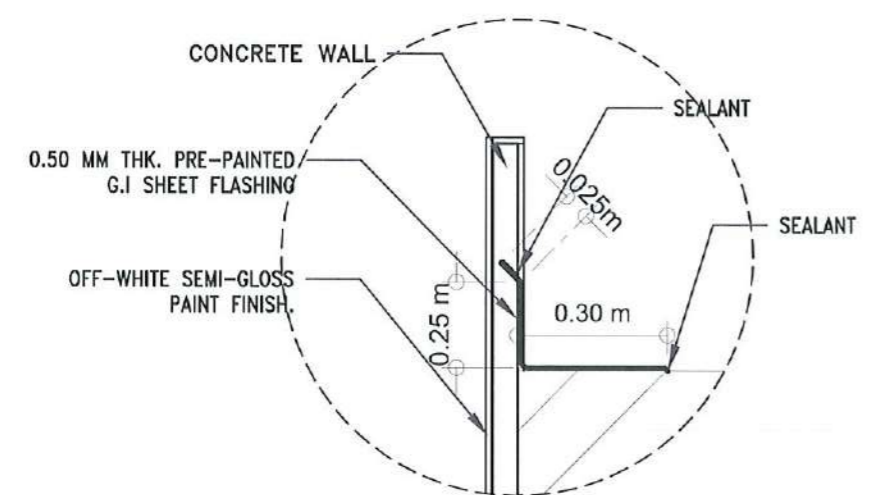
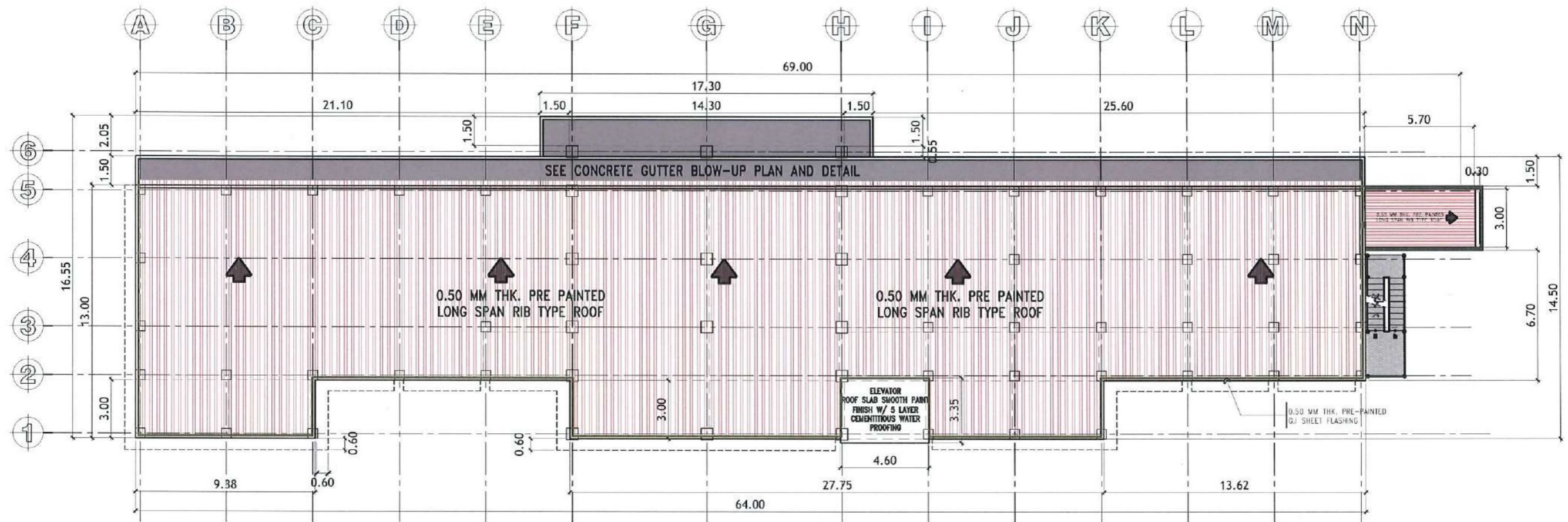
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FOMD

RECOMMENDING APPROVAL:
[Signature]
DR. GRACEN. ROSETE
VP ADMINISTRATION AND FINANCE

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

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

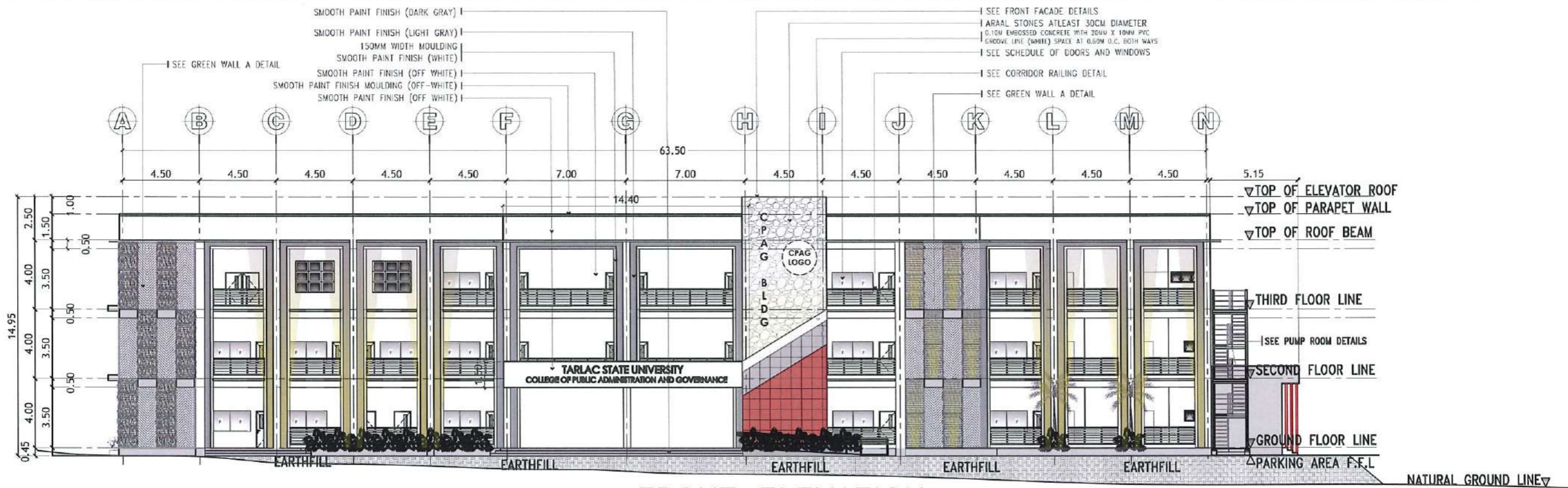
SHEET NO:
A-11
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11/163



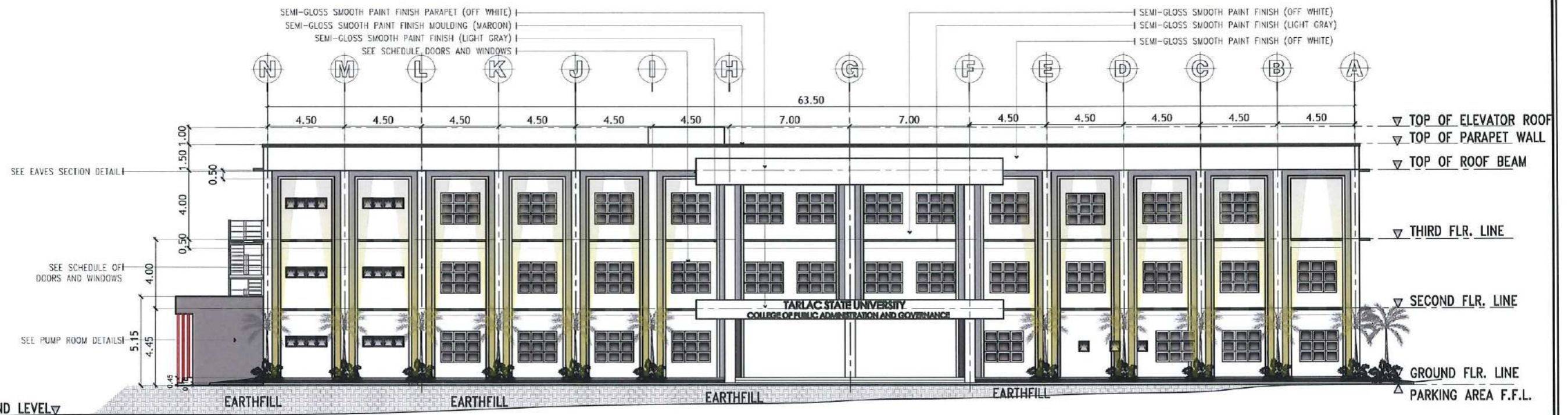
ROOF PLAN
SCALE: 1: 225 METERS

ROOF FLASHING DETAIL
SCALE: NTS

 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Rampala Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO.: 12/163



FRONT ELEVATION
SCALE: 1: 250 METERS



REAR ELEVATION
SCALE: 1: 250 METERS



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REQUESTING OFFICE:
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DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

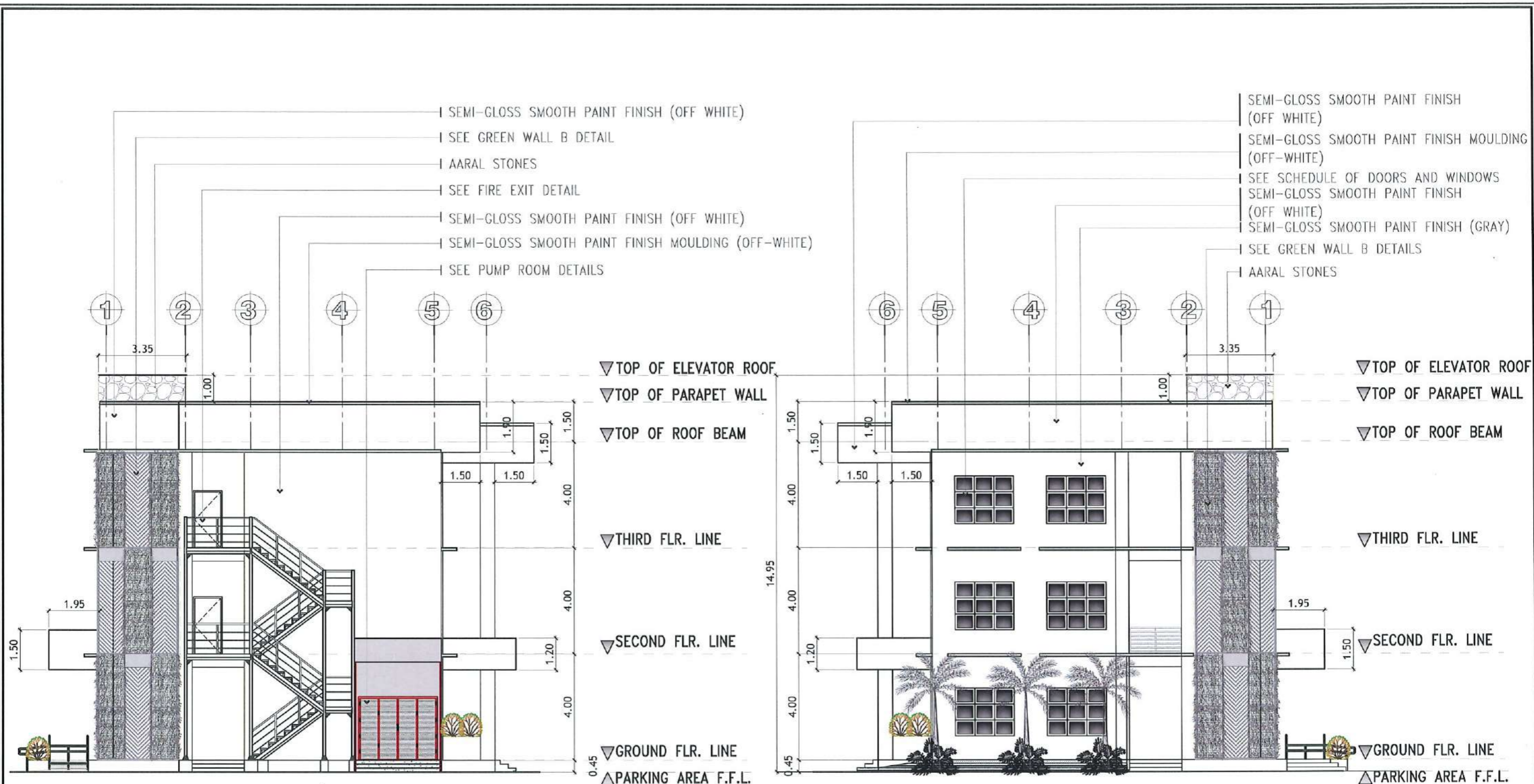
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACIE M. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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DATE: SEPTEMBER 2023

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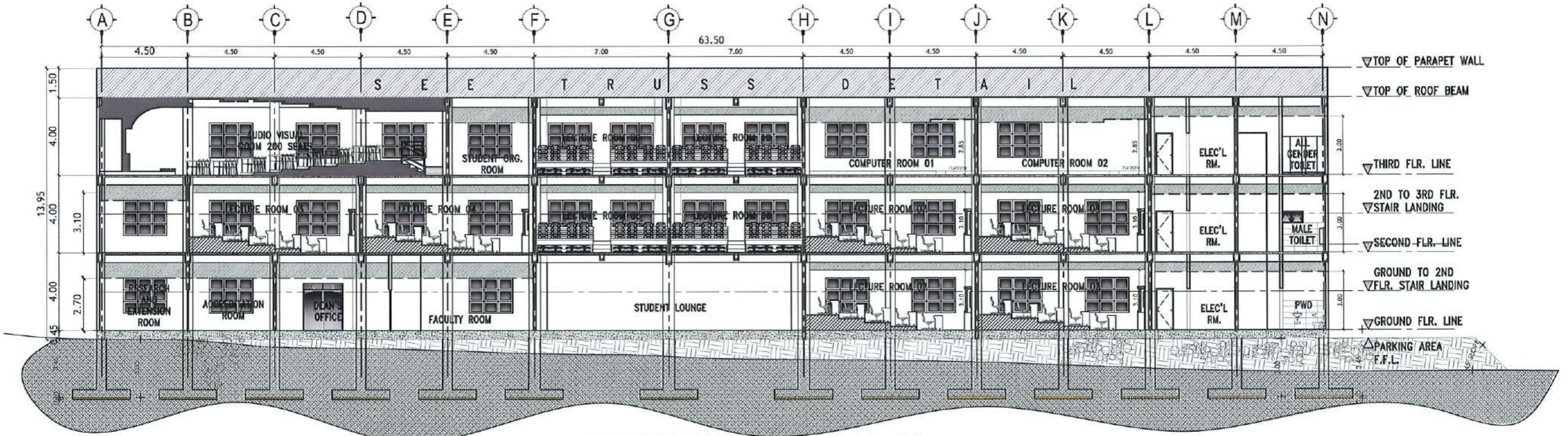
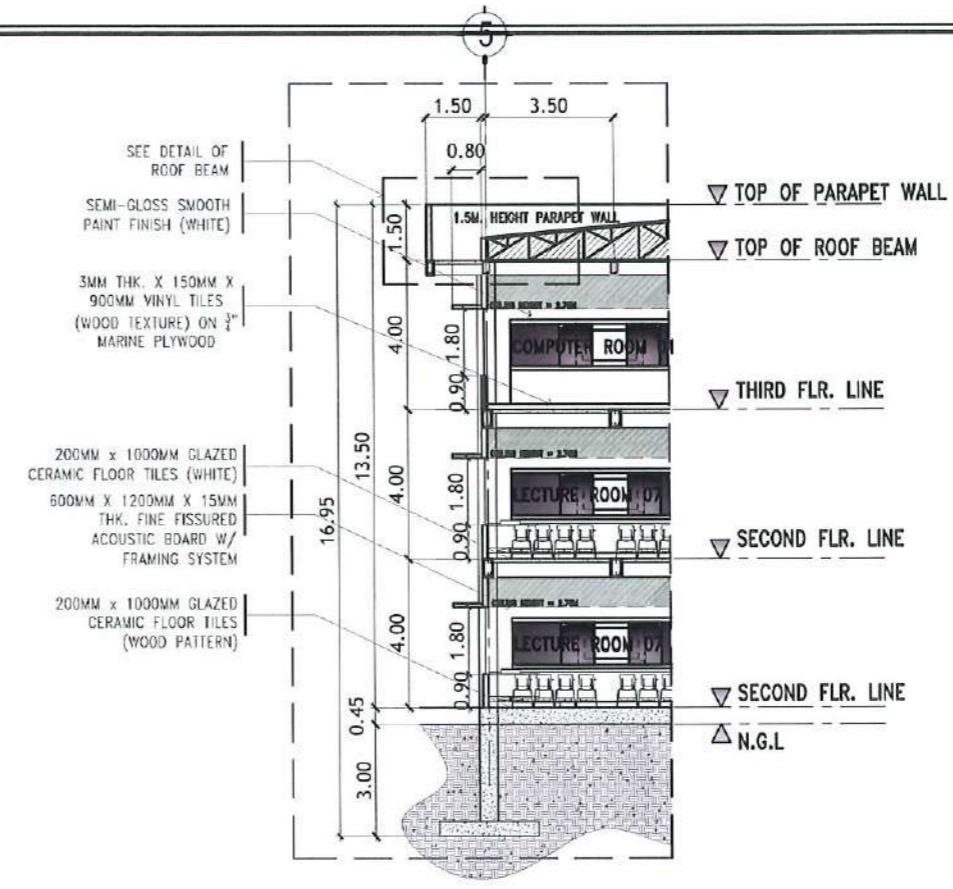
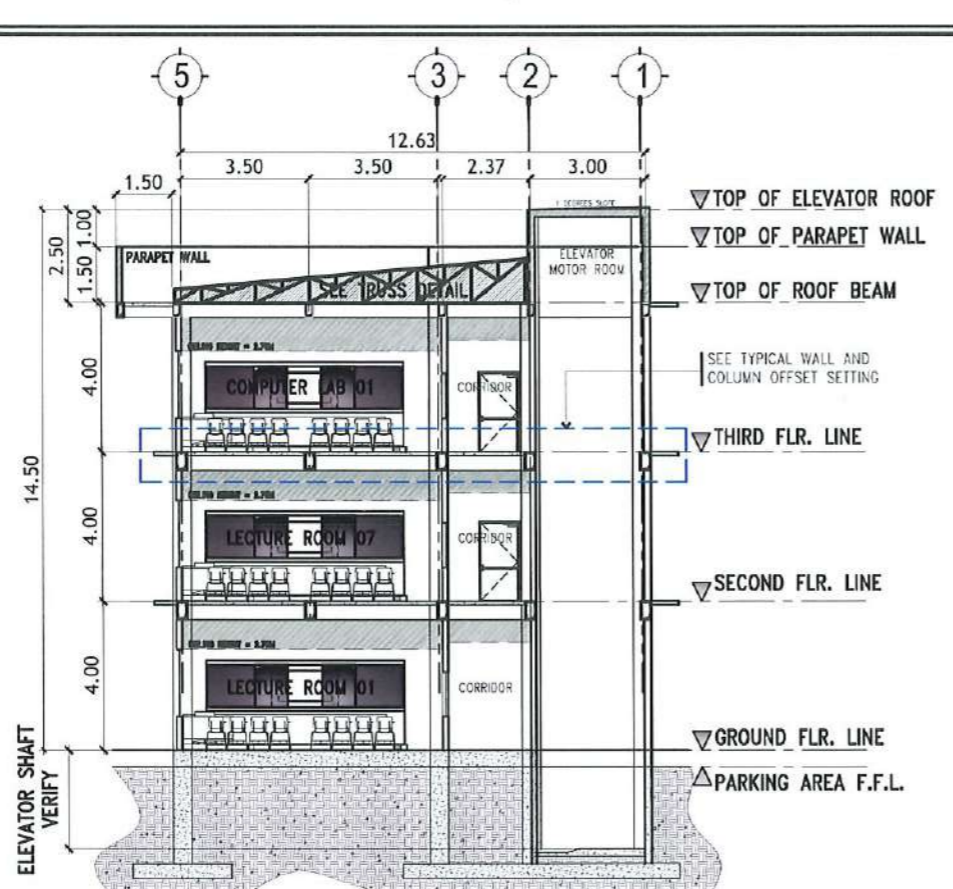
RIGHT SIDE ELEVATION

SCALE: 1: 150 METERS

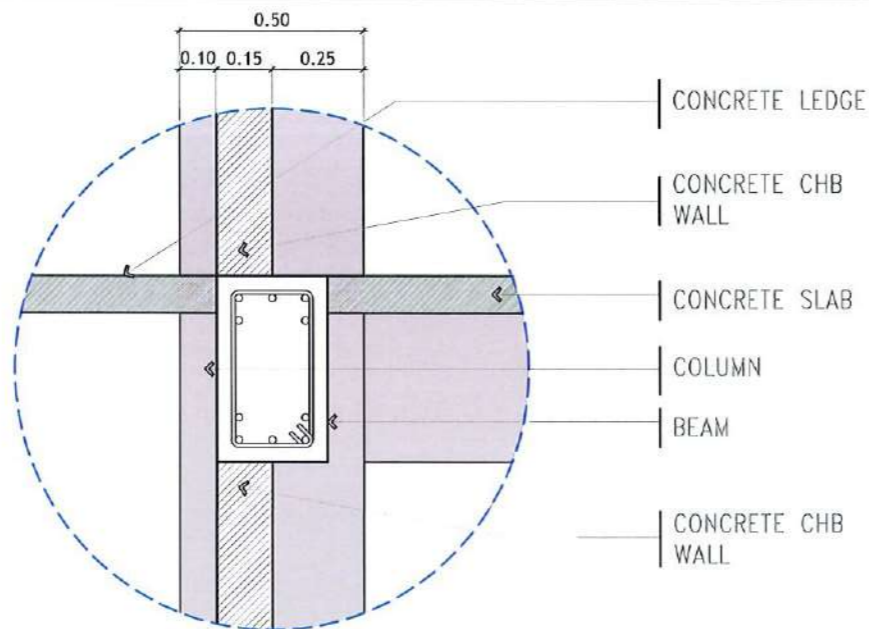
LEFT SIDE ELEVATION

SCALE: 1: 150 METERS

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	PROJECT LOCATION:								LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	

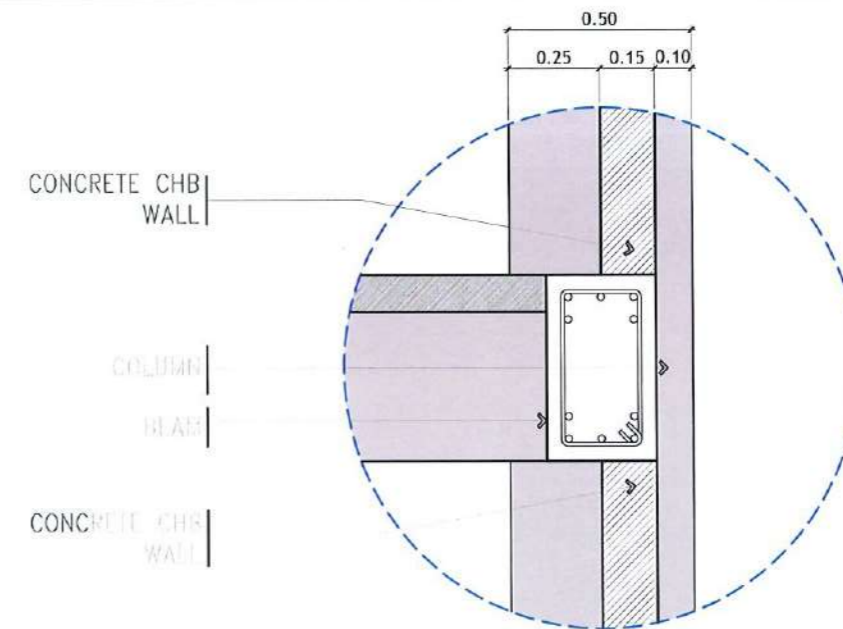


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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO.: 15/163



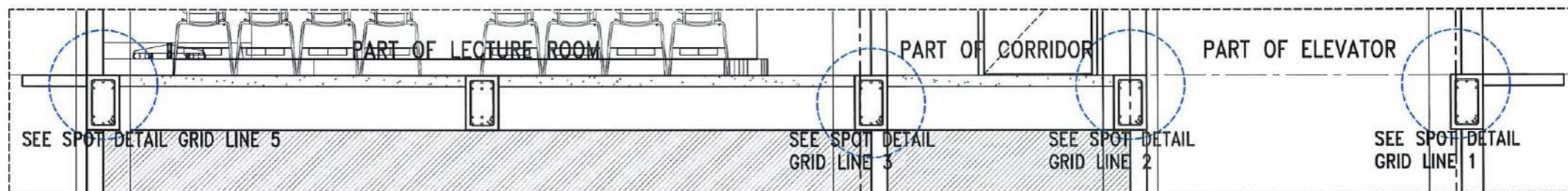
SPOT DETAIL GRID LINE 5

SCALE: 1:20 METERS



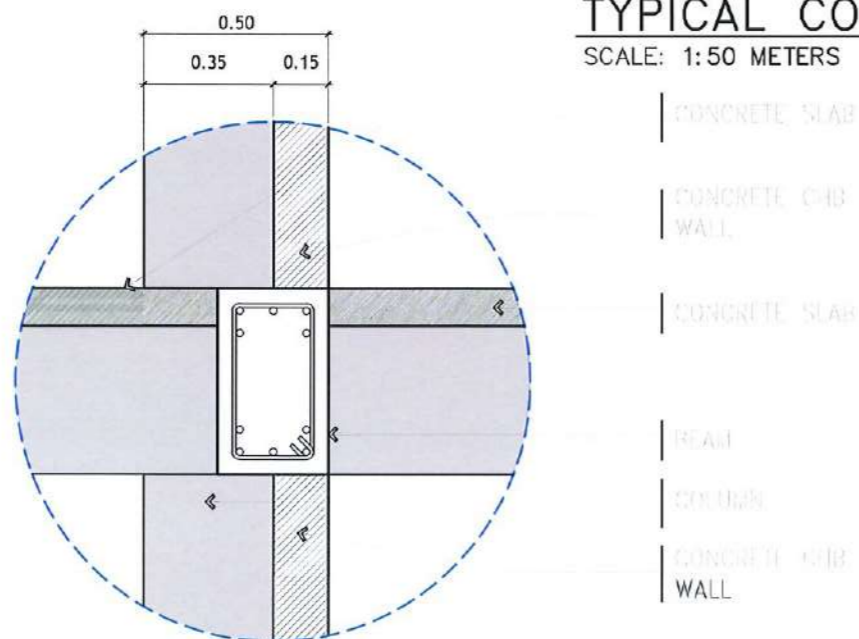
SPOT DETAIL GRID LINE 2

SCALE: 1:20 METERS



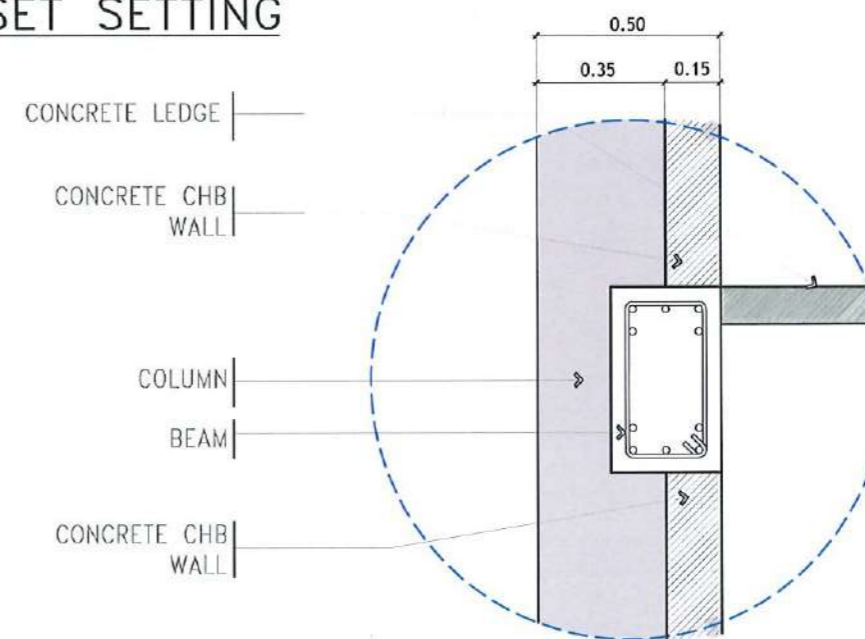
TYPICAL COLUMN AND WALL OFFSET SETTING

SCALE: 1:50 METERS



SPOT DETAIL GRID LINE 3

SCALE: 1:20 METERS



SPOT DETAIL GRID LINE 1

SCALE: 1:20 METERS



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REQUESTING OFFICE:
Edwin T. Caoleng
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
Ar. Hylsyes B. Caluya
AR. HYLSSYES B. CALUYA
ARCHITECT, TDMD

CHECKED BY:
Ar. Arlen M. Guieb
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
Ar. Cherry L. Fabianes
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
Dr. Grace M. Rosete
DR. GRACE M. ROSETE
VP ADMINISTRATION AND FINANCE

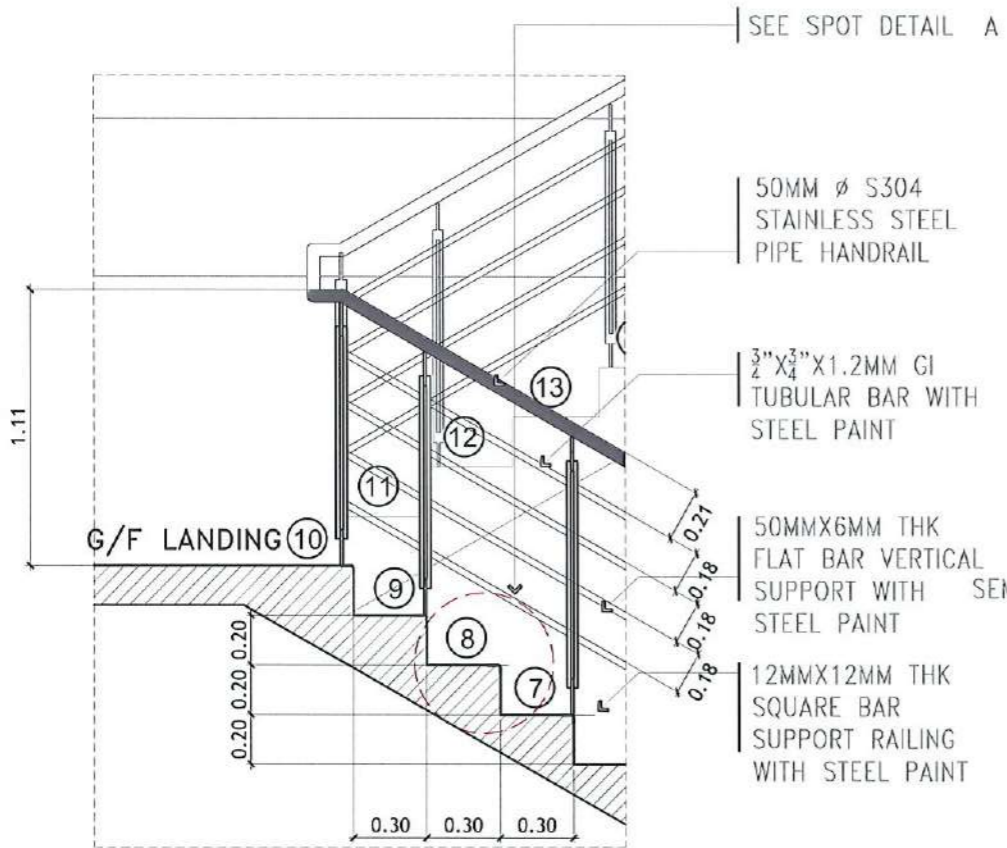
APPROVED:
Dr. Arnold E. Velasco
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

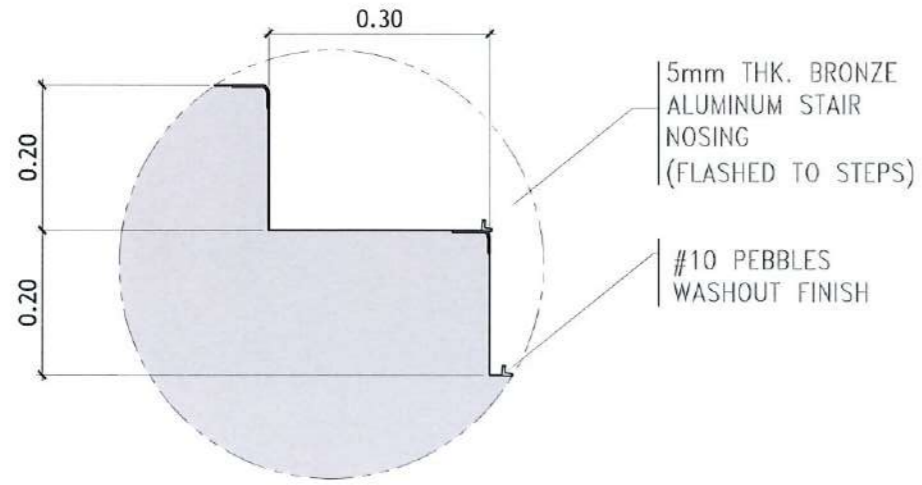
DATE: SEPTEMBER 2023

SHEET NO:
A-16

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16/163



DETAIL OF RAILING
SCALE 1:30M

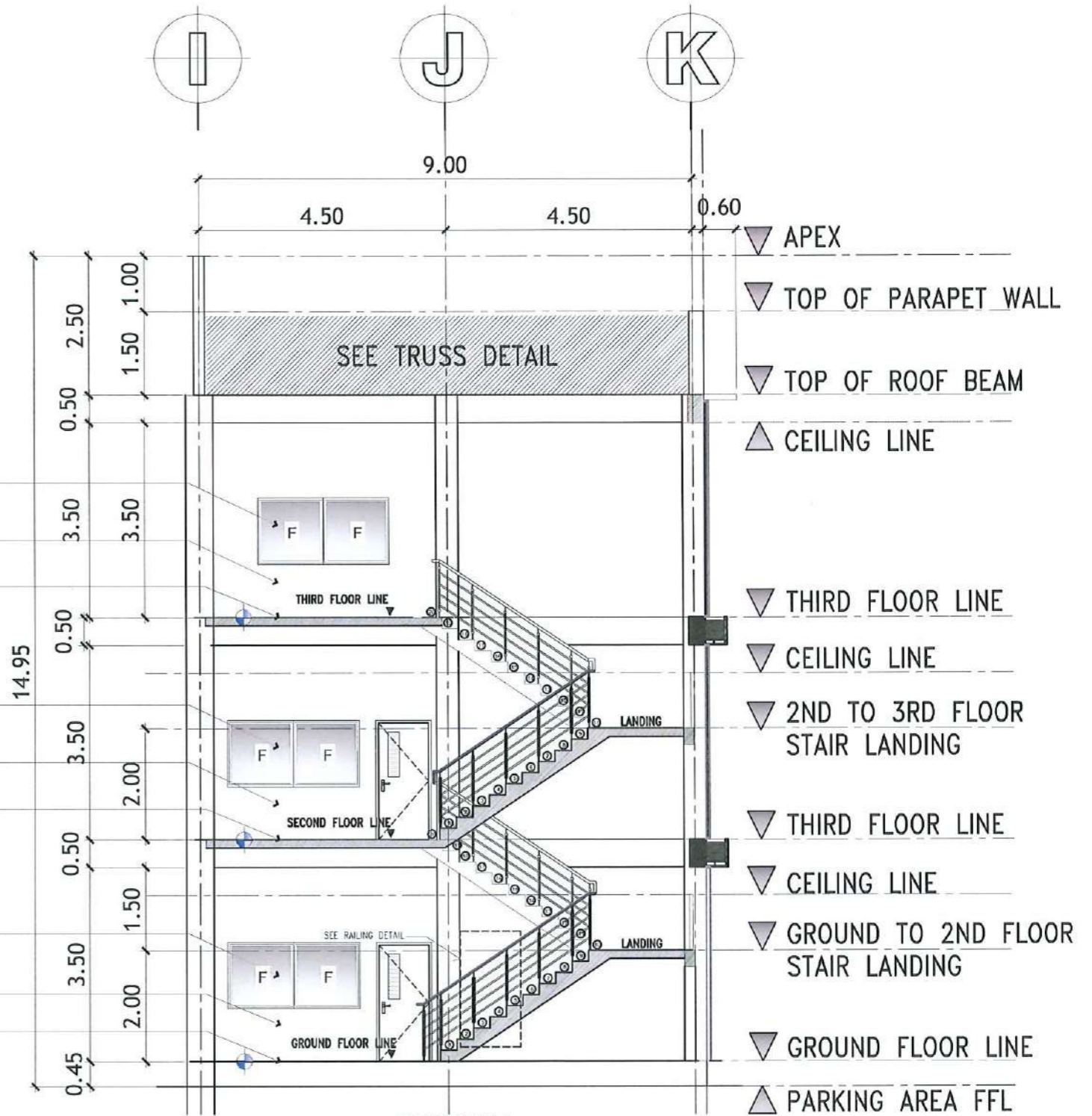


SPOT DETAIL A
SCALE 1:10

SEE SCHEDULE OF DOORS AND WINDOWS
SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
SMOOTH PAINT FINISH

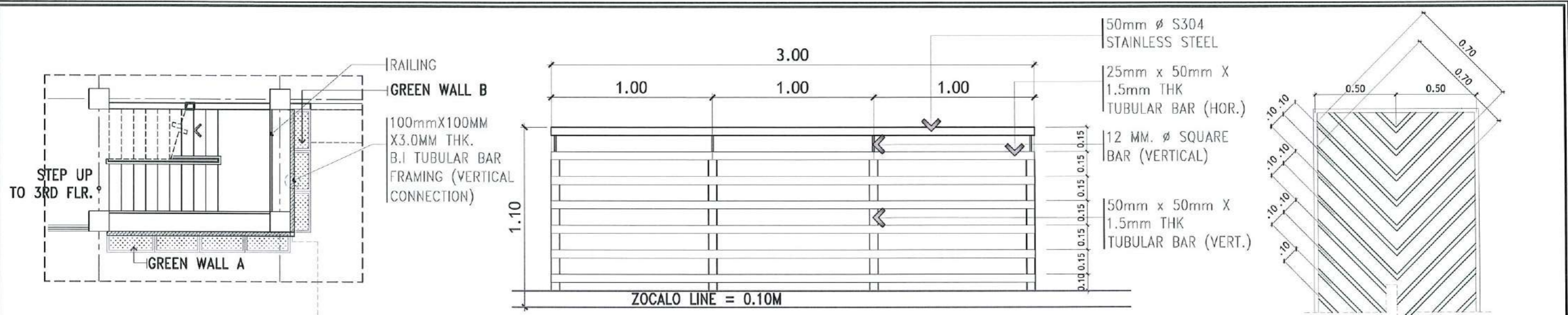
SEE SCHEDULE OF DOORS AND WINDOWS
SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
SMOOTH PAINT FINISH

SEE SCHEDULE OF DOORS AND WINDOWS
SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
SMOOTH PAINT FINISH



SECTION
STAIR DETAILS
SCALE: 1: 100 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY:	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	CHECKED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY:	AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL:	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	A-17
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY															PAGE NO.:	17/163
																DATE: SEPTEMBER 2023		

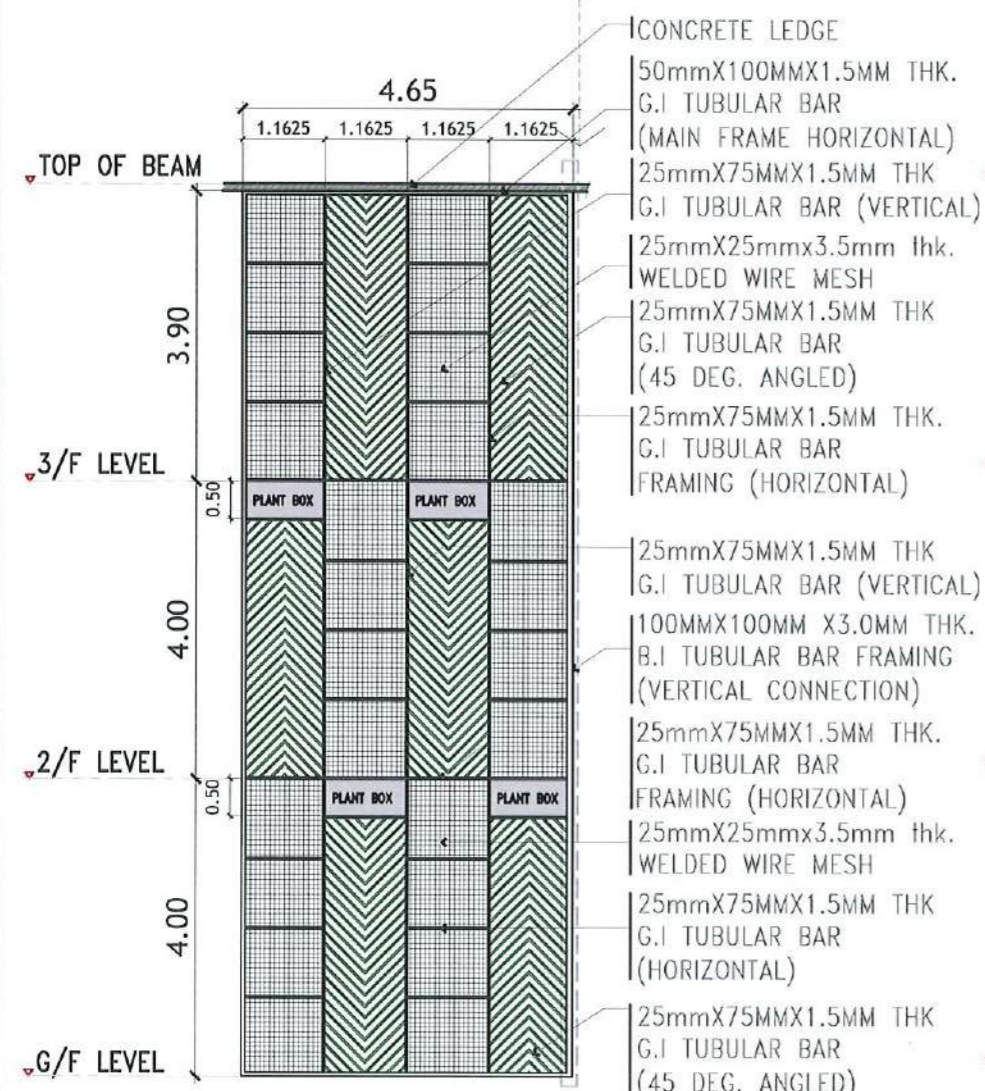


TYPICAL CORRIDOR RAILING DETAIL

SCALE: 1: 25

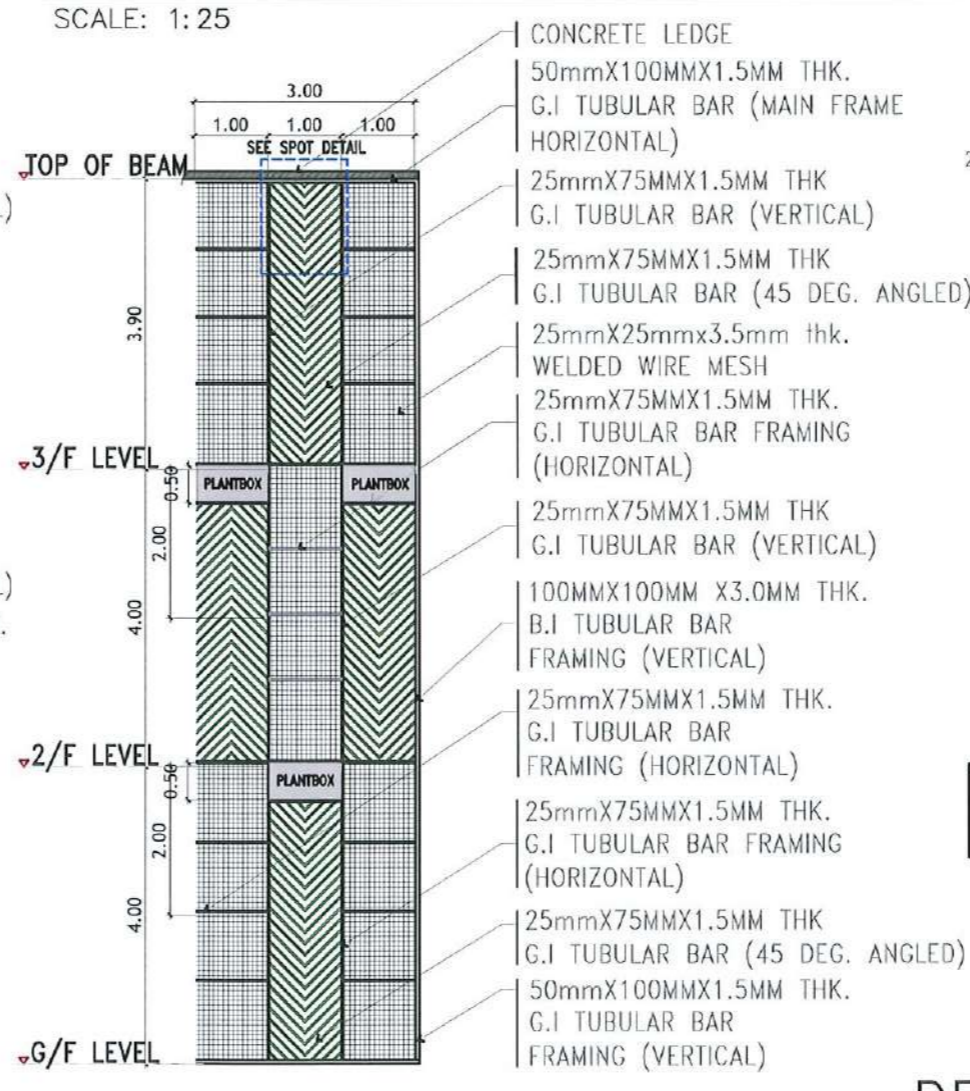
SPOT DETAIL

SCALE: 1: 25 METERS



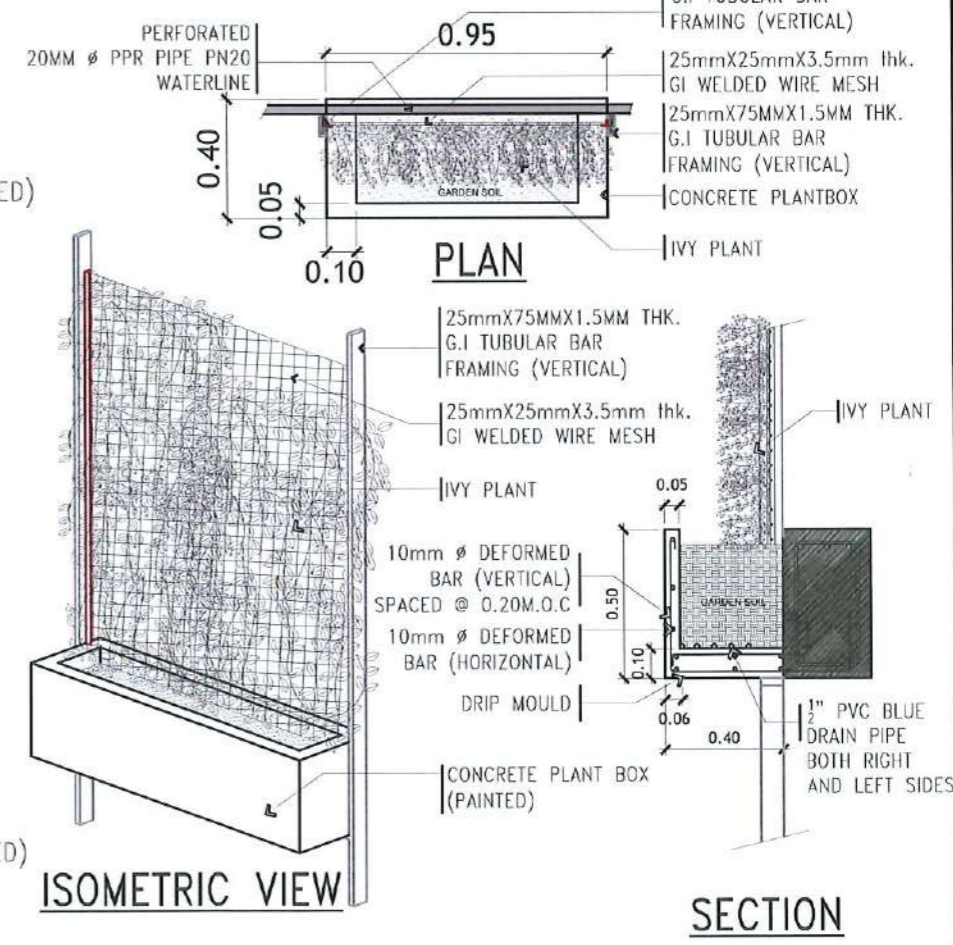
DETAIL OF GREEN WALL A

SCALE 1:100M



DETAIL OF GREEN WALL B

SCALE 1:100M



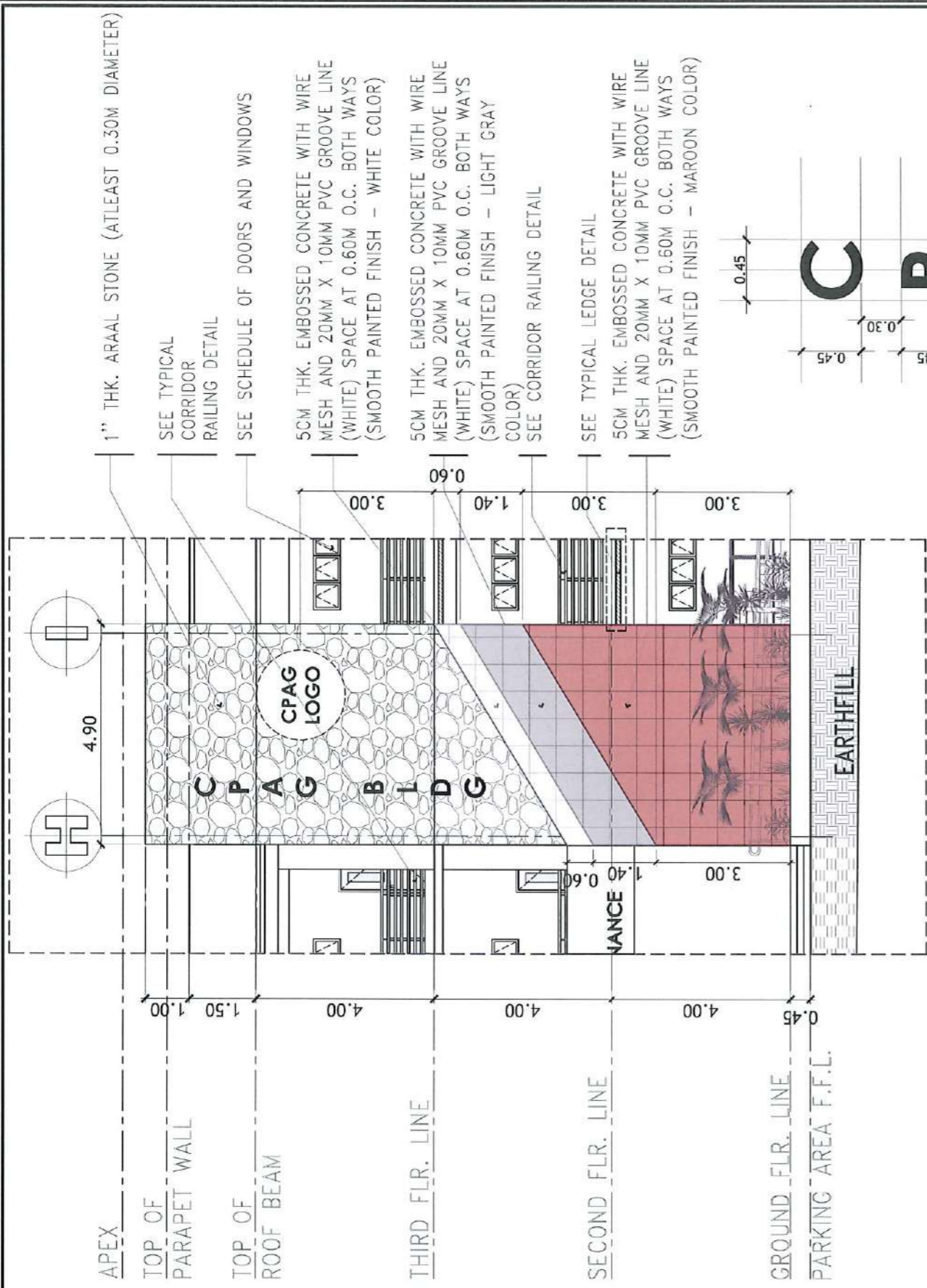
ISOMETRIC VIEW

SECTION

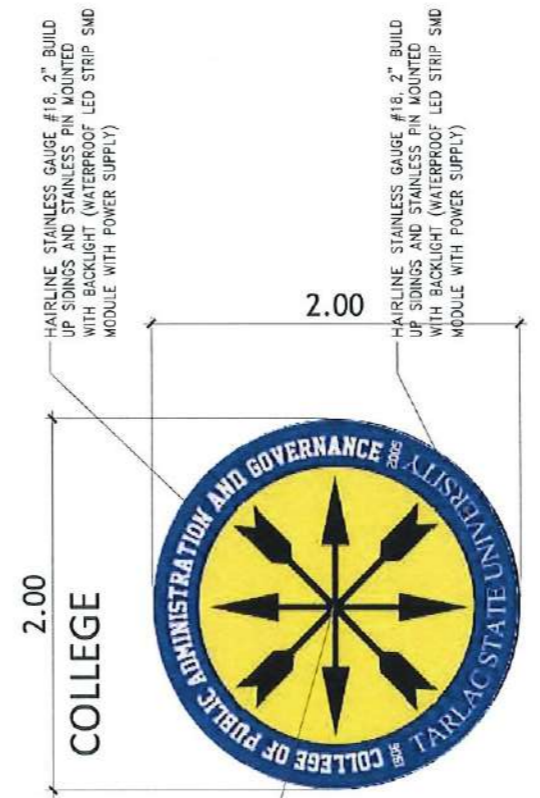
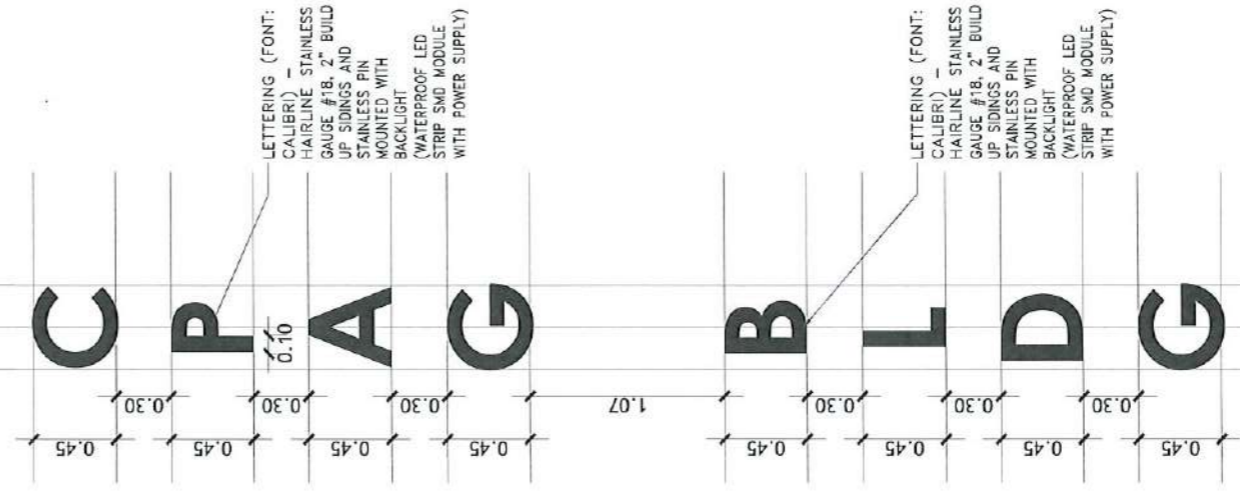
DETAIL OF CANTILEVER PLANTBOX

SCALE: NTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Remulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT-FIIMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FIIMO	AR. CHERRY L. FABIANES DIRECTOR, FIIMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-18
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 18/163



FRONT FACADE DETAILS
SCALE: 1:120 METERS



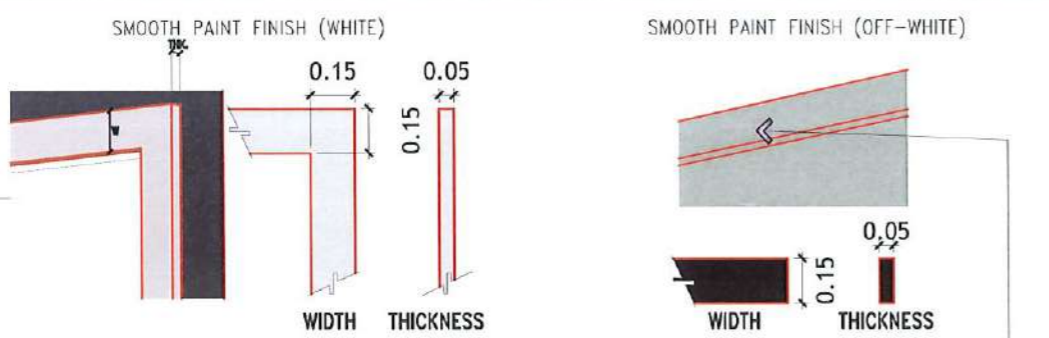
CPAG LOGO DETAIL
SCALE: 1:40 METERS

LETTER HEAD DETAIL
SCALE: 1:40 METERS



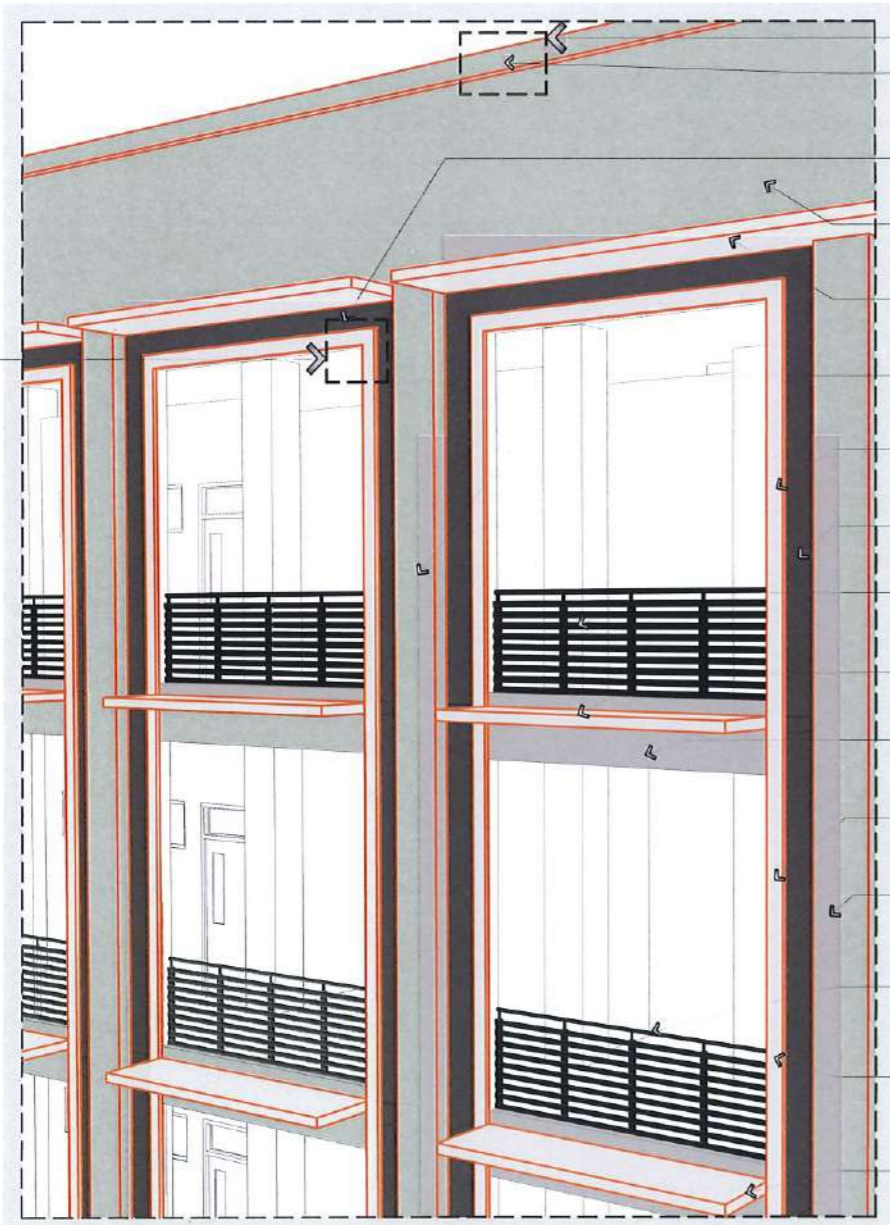
LETTER HEAD DETAIL
SCALE: 1:50 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-19
	PROJECT LOCATION:							DATE: SEPTEMBER 2023	PAGE NO: 19/163



CORRIDOR MOULDING DETAILS
SCALE: 1:25M

PARAPET WALL MOULDING DETAILS
SCALE: 1:25M



BLOW-UP FACADE DETAILS
SCALE: NTS

- MOULDINGS
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF-WHITE)
- SEMI-GLOSS SMOOTH PAINT FINISH (LIGHT GRAY)
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF-WHITE)
- CONCRETE LEDGE
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF WHITE)
- 150MM WIDTH MOULDING
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
- SEMI-GLOSS SMOOTH PAINT FINISH (LIGHT GRAY)
- SEE CORRIDOR RAILING DETAILS
- CONCRETE LEDGE
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF WHITE)
- 150MM WIDTH MOULDING
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF WHITE)
- SEE CORRIDOR RAILING DETAILS
- 150MM WIDTH MOULDING
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)
- CONCRETE LEDGE
- SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)

SCHEDULE OF WALL AND CEILING FINISHES

GROUND FLOOR OF FINISHES

AREA / ROOM	WALL FINISHES (Facing the Floor Plan)				CEILING FINISHES
	N	S	E	W	
LOBBY AND HALLWAY	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	-	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
LECTUREROOM 1&2	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
DEAN'S OFFICE	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
ACCREDITATION ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
RESEARCH AND EXTENSION ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
FACULTY ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
TOILET(PWD,HE & SHE)	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	4.5mm THK. FICEM BOARD (PAINTED)
STAIR 1 & 2	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SMOOTH PAINT FINISH (PAINTED)
ELEC. ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	4.5mm THK. FICEM BOARD (PAINTED)

SECOND FLOOR OF FINISHES

AREA / ROOM	WALL FINISHES (Facing the Floor Plan)				CEILING FINISHES
	N	S	E	W	
CORRIDOR	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	-	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
LECTURE ROOM 3,4,5,6,7,8	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
STUDENT ORG. ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
STUDENT LOUNGE	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
TOILET (PWD,HE & SHE)	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	4.5mm THK. FICEM BOARD (PAINTED)
STAIR 1 & 2	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
ELEC. ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	4.5mm THK. FICEM BOARD (PAINTED)

THIRD FLOOR OF FINISHES

AREA / ROOM	WALL FINISHES (Facing the Floor Plan)				CEILING FINISHES
	N	S	E	W	
CORRIDOR	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
LECTURE ROOM 9 & 10	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
COMPUTER ROOM 1 & 2	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
STUDENT ORG. ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	15mm THK. FINE FISSURED ACOUSTIC BOARD
STUDENT LOUNGE	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SOFFIT SLAB SMOOTH PAINT FINISH (PAINTED)
AUDIO VISUAL ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	9MM THK. GYPSUM BOARD
TOILET (HE/SHE,HE & SHE)	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	300mm x 600 mm PORCELAIN WALL TILES	4.5mm THK. FICEM BOARD (PAINTED)
ELEC. ROOM	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	SEMI-GLOSS SMOOTH PAINT FINISH (WHITE)	4.5mm THK. FICEM BOARD (PAINTED)

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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

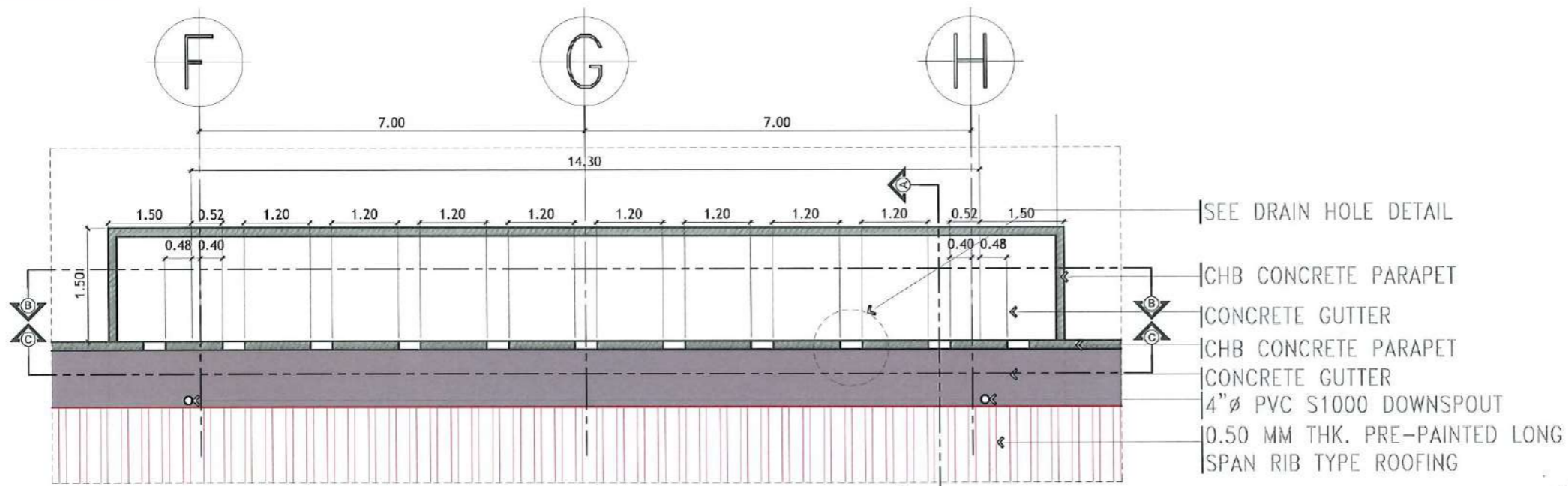
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

SHEET NO:
A-20

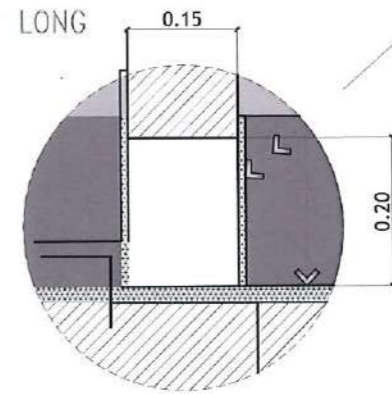
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DATE: SEPTEMBER 2023

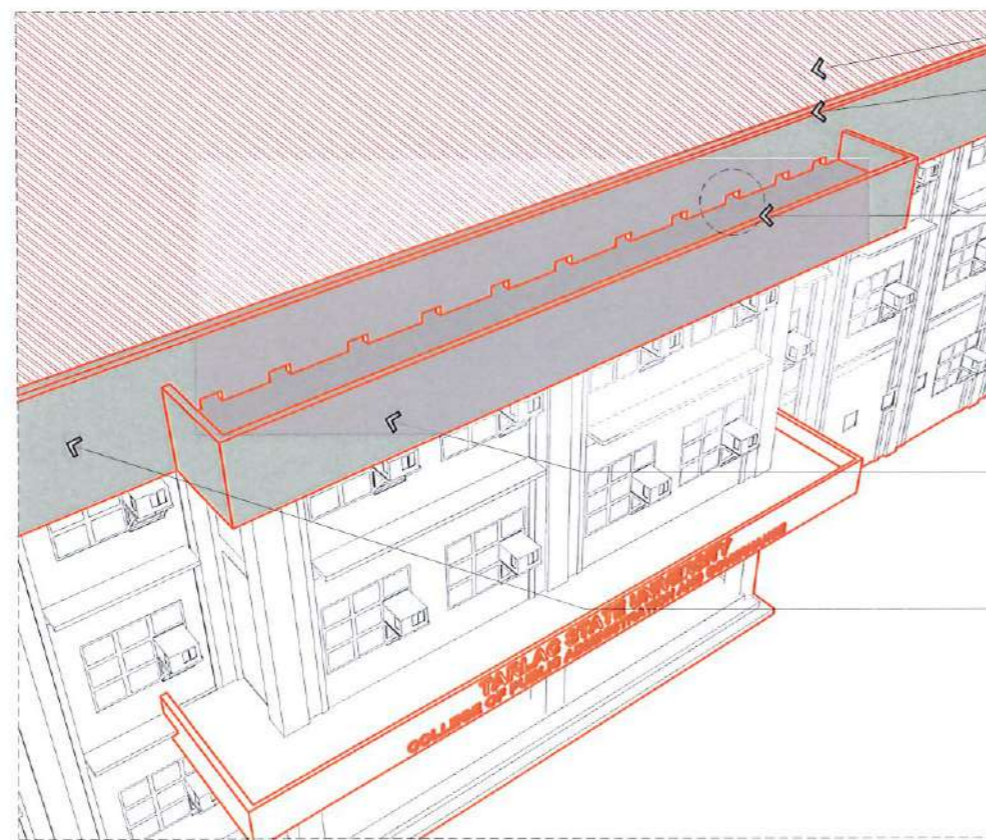


CONCRETE GUTTER BLOW-UP PLAN
SCALE: 1: 100 METERS

- SEE DRAIN HOLE DETAIL
- CHB CONCRETE PARAPET
- CONCRETE GUTTER
- CHB CONCRETE PARAPET
- CONCRETE GUTTER
- 4"Ø PVC S1000 DOWNSPOUT
- 0.50 MM THK. PRE-PAINTED LONG SPAN RIB TYPE ROOFING

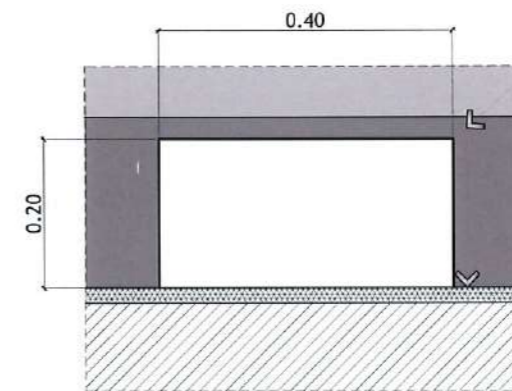


CEMENTITIOUS WATERPROOFING ON SLAB AND INSIDE WALL UP TO 0.25M HEIGHT



ISOMETRIC
SCALE: 1: 25 METERS

- 0.50 MM THK. PRE-PAINTED LONG SPAN RIB TYPE ROOFING
- MOULDING
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF-WHITE)
- DRAIN HOLE
- CHB CONCRETE PARAPET
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF-WHITE)
- CHB CONCRETE PARAPET
- SEMI-GLOSS SMOOTH PAINT FINISH (OFF-WHITE)



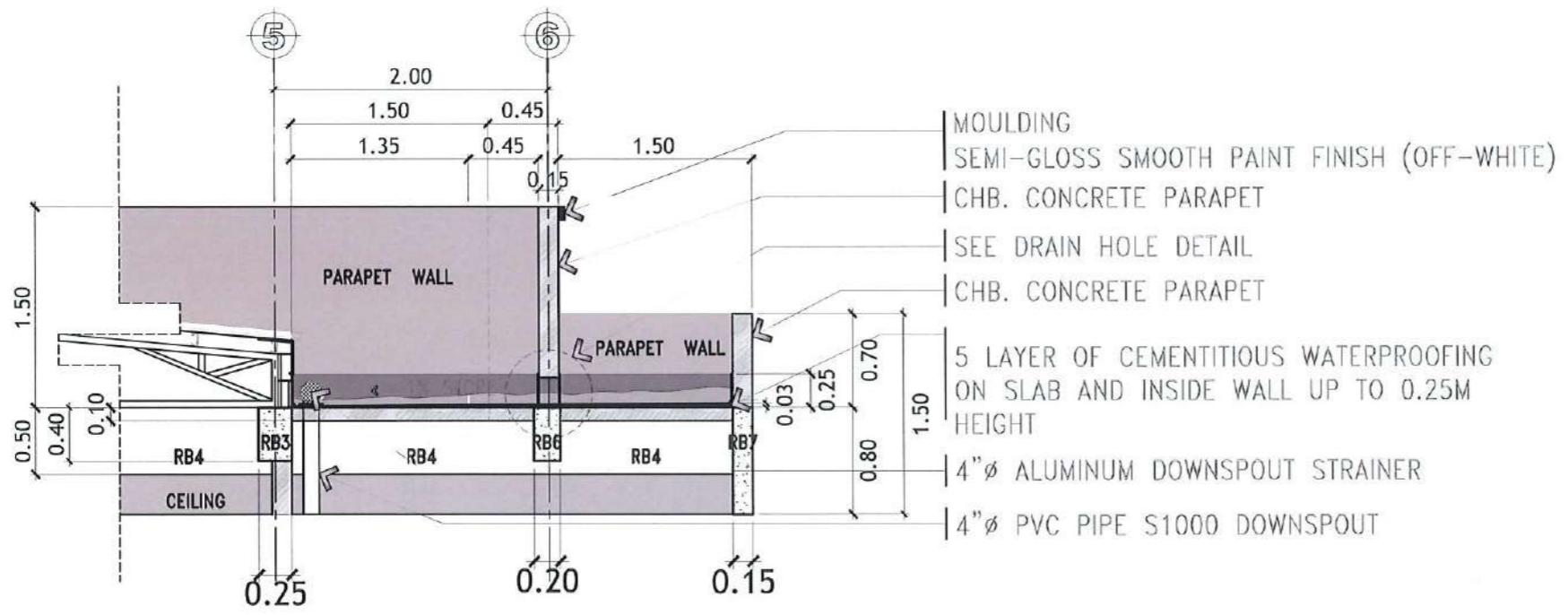
5 LAYER OF CEMENTITIOUS WATERPROOFING ON SLAB AND INSIDE WALL UP TO 0.25M HEIGHT

DRAIN HOLE BLOW-UP DETAIL
SCALE: 1: 25 METERS

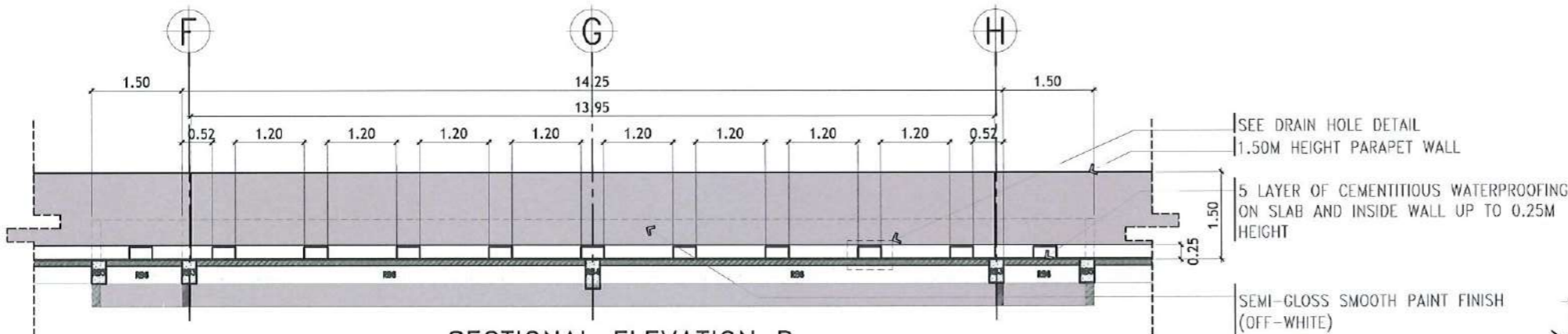


TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

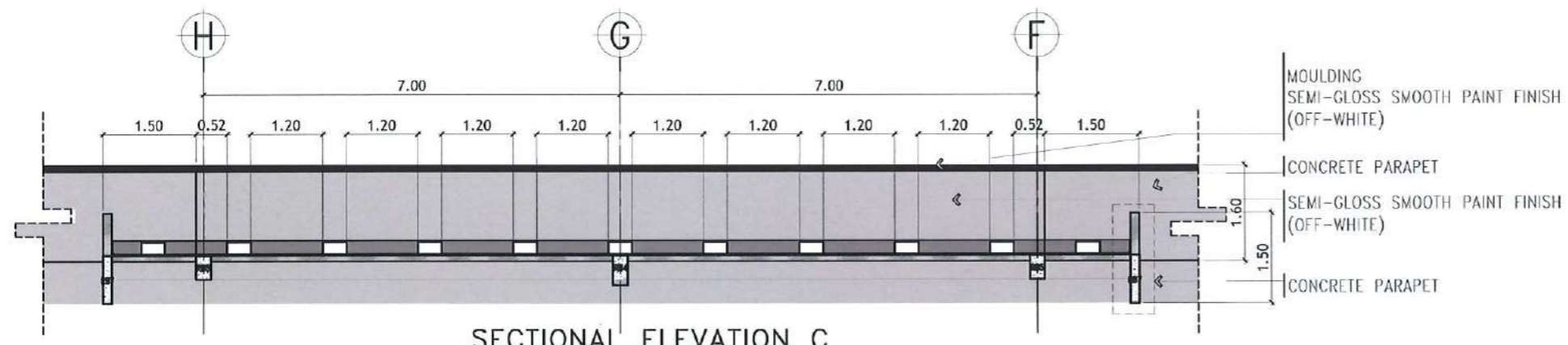
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS: AS SHOWN	SHEET NO: A-21
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO: 21/163



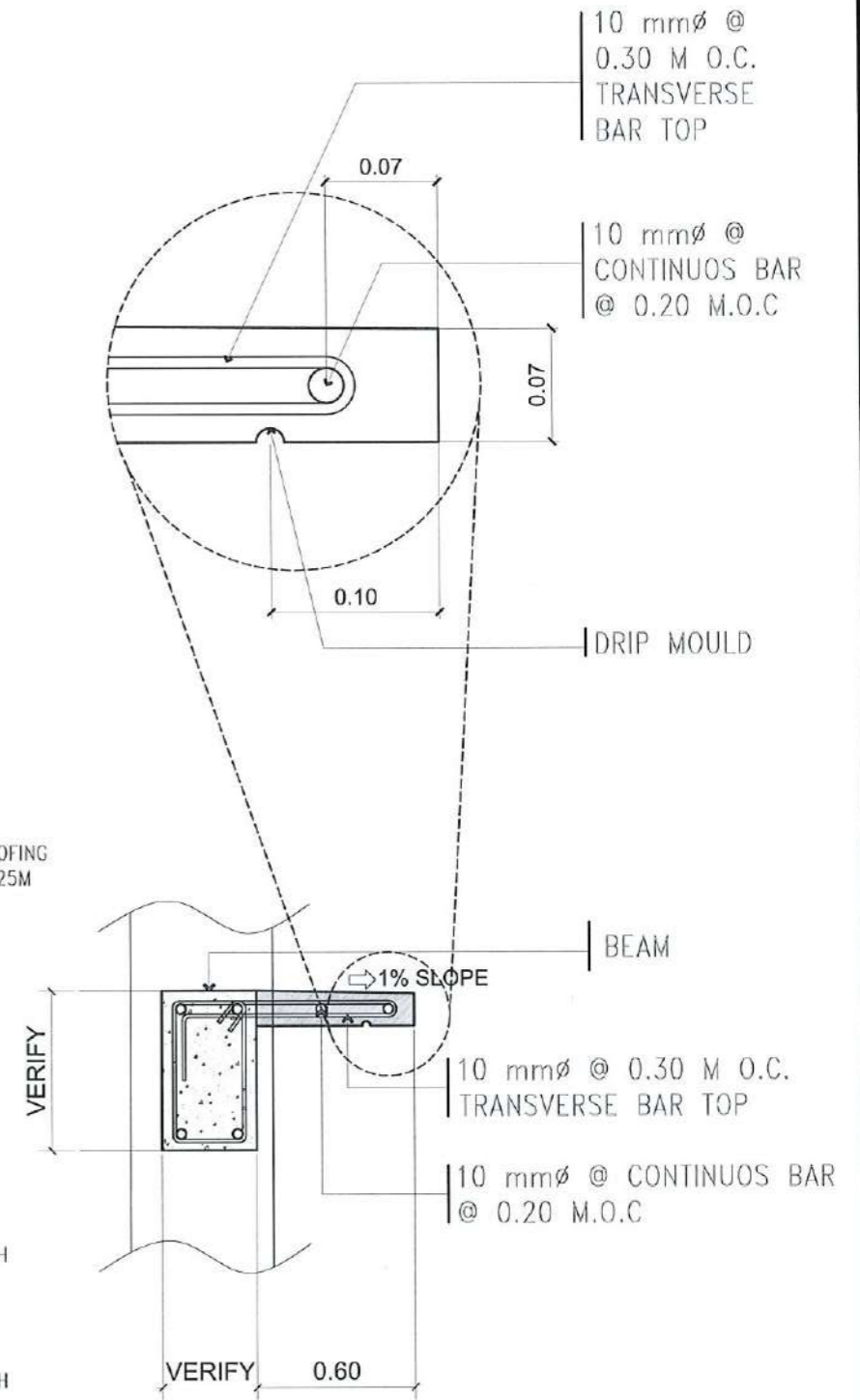
SECTIONAL ELEVATION A
SCALE: 1: 100 METERS



SECTIONAL ELEVATION B
SCALE: 1: 100 METERS



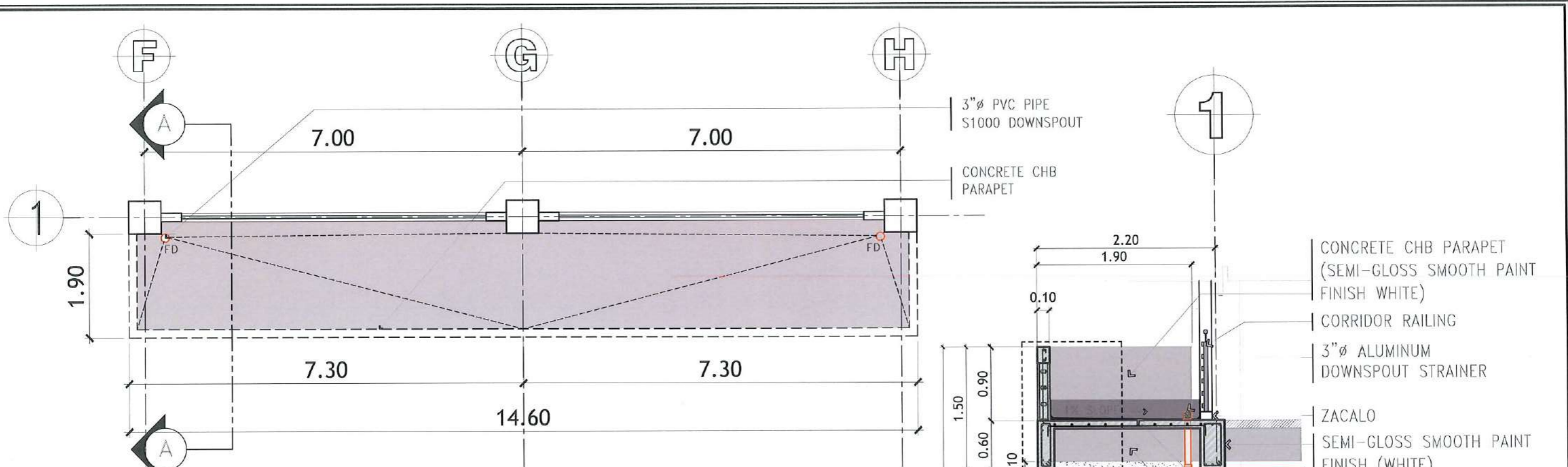
SECTIONAL ELEVATION C
SCALE: 1: 100 METERS



TYPICAL LEDGE SPOT DETAIL
SCALE: NTS

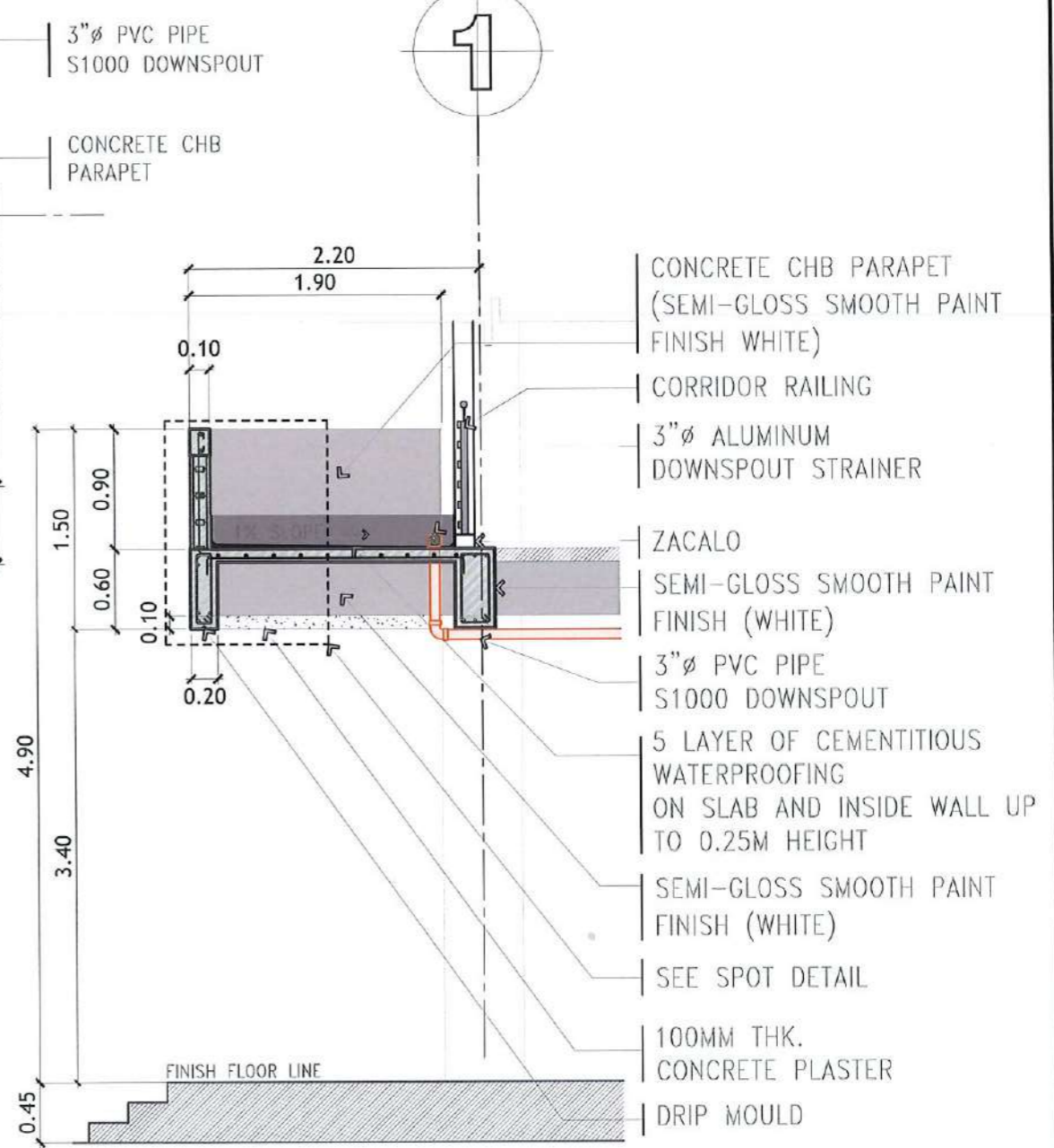


PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY:	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	CHECKED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY:	AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL:	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO:	A-22
PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY													DATE: SEPTEMBER 2023			22/163



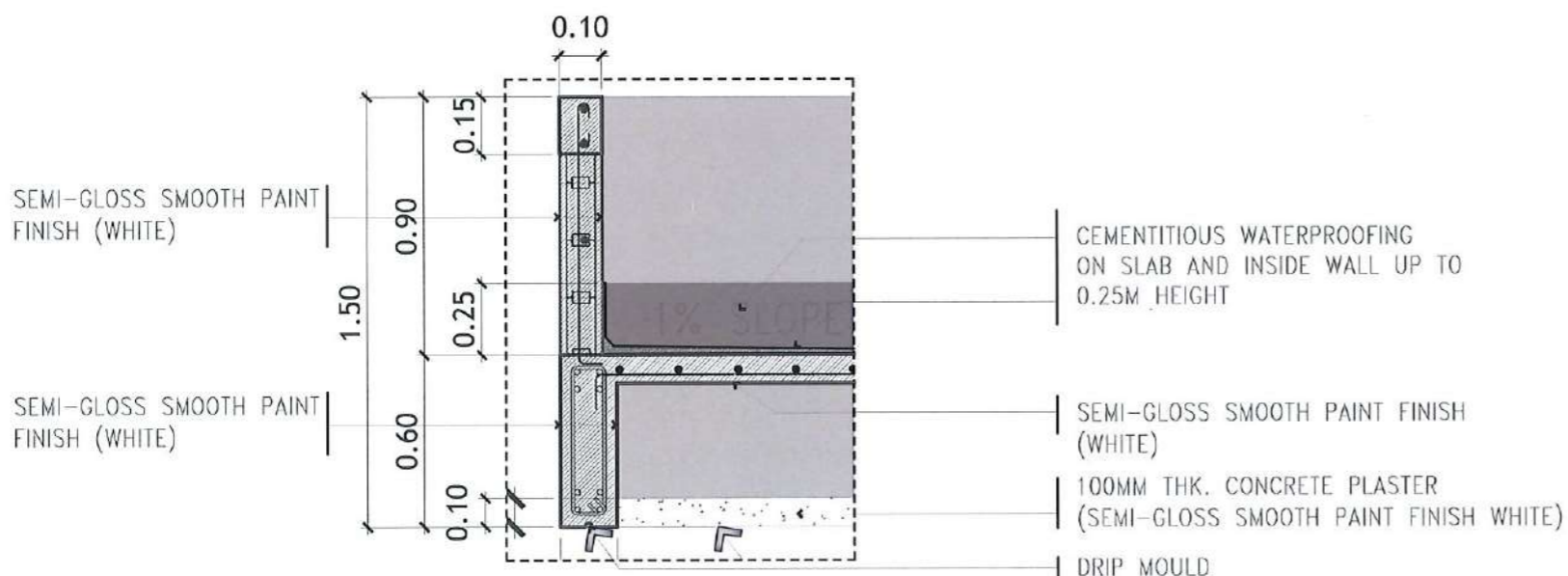
CANOPY A BLOW-UP PLAN

SCALE: 1: 75 METERS



SECTIONAL ELEVATION A-A

SCALE: 1: 50 METERS

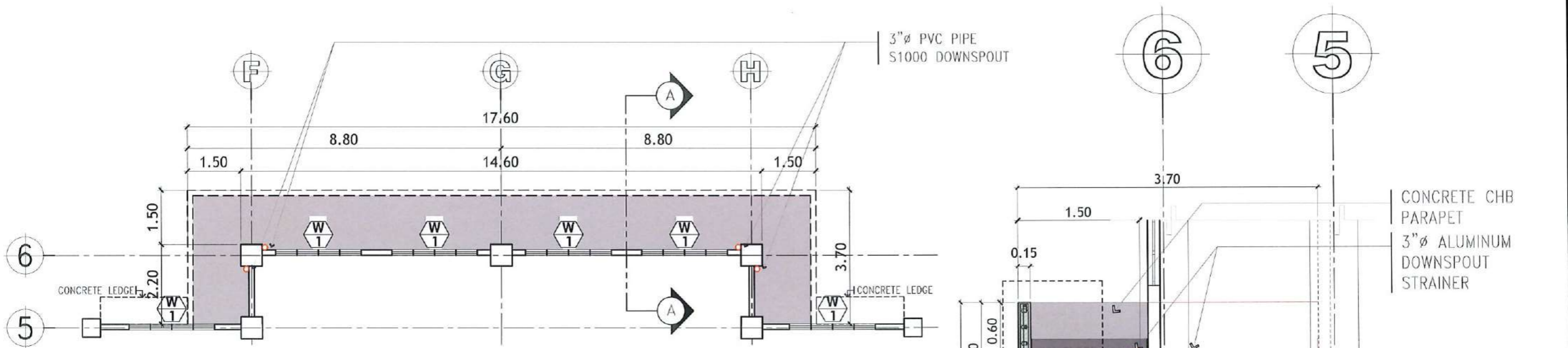


SPOT DETAIL

SCALE: 1: 25 METERS

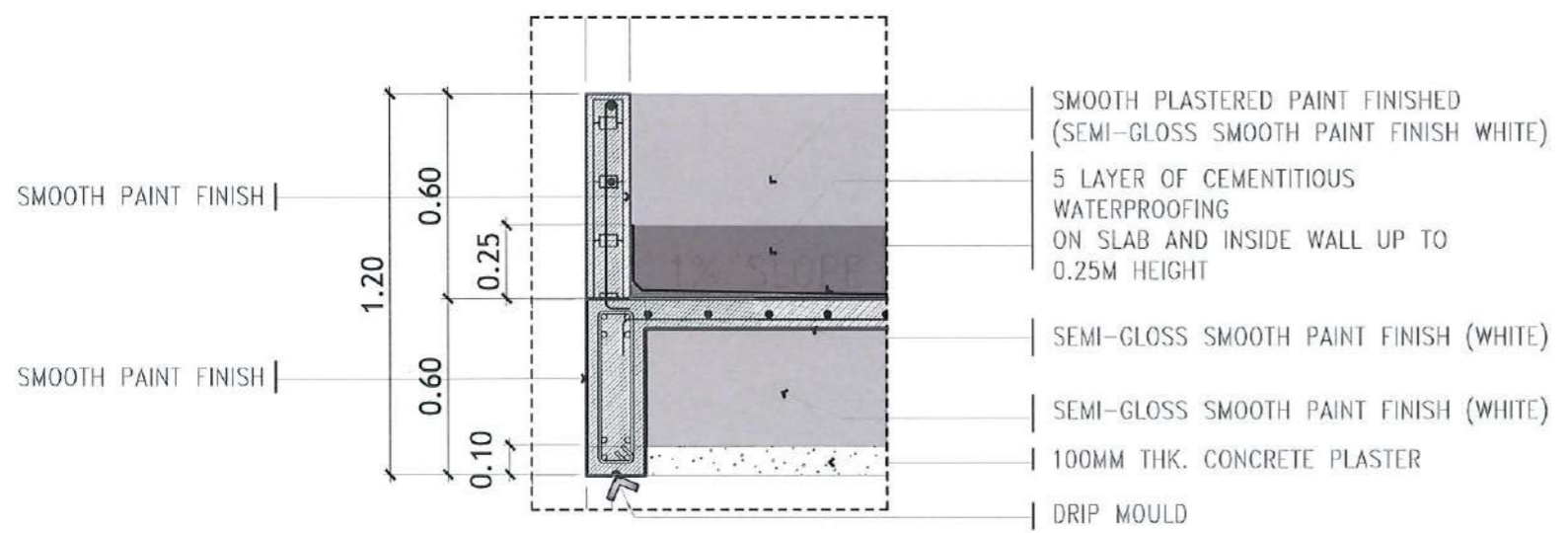


<p>PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)</p> <p>PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY</p>	<p>REQUESTING OFFICE:</p> <p>DR. EDWIN T. CAOLENG DEAN, CPAG</p>	<p>PREPARED BY:</p> <p>AR. ULYSSES B. CALUYA ARCHITECT, FDMO</p>	<p>CHECKED BY:</p> <p>AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO</p>	<p>CERTIFIED BY:</p> <p>AR. CHERRY L. FABIANES DIRECTOR, FDMO</p>	<p>RECOMMENDING APPROVAL:</p> <p>DR. GRACE V. ROSETE VP ADMINISTRATION AND FINANCE</p>	<p>APPROVED:</p> <p>DR. ARNOLD E. VELASCO PRESIDENT</p>	<p>SHEET CONTENTS: AS SHOWN</p> <p>DATE: SEPTEMBER 2023</p>	<p>SHEET NO: A-23</p> <p>PAGE NO: 23/163</p>
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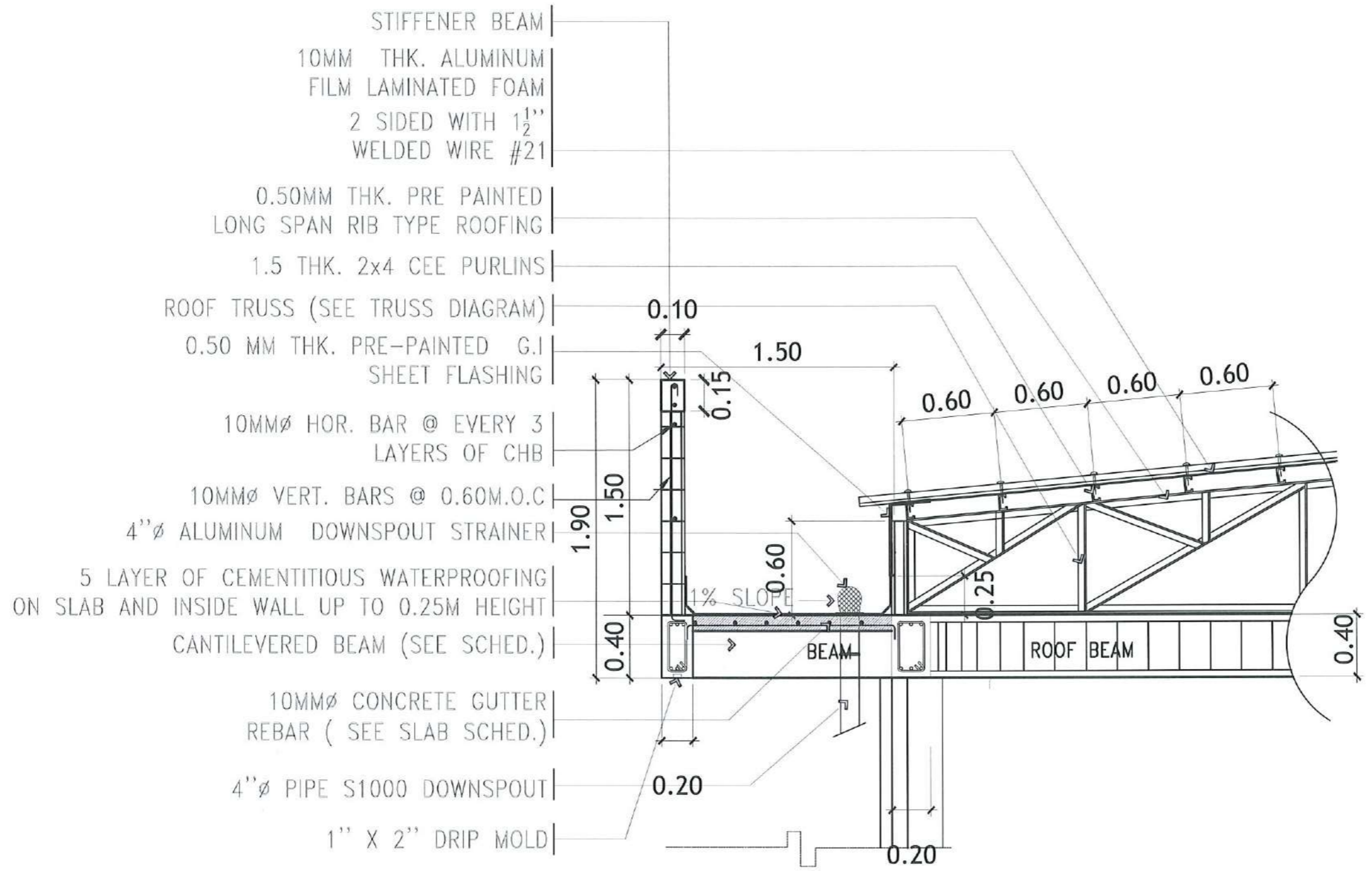
CANOPY B BLOW-UP PLAN
SCALE: 1: 85 METERS

SECTIONAL ELEVATION A-A
SCALE: 1: 50 METERS



SPOT DETAIL
SCALE: 1: 25 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Home to Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		 DR. EDWIN T. CAOLENG DEAN, CPAG	 AR. ULYSSES B. CALUYA ARCHITECT, FDMO	 AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-24
	PROJECT LOCATION:								LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	



DETAIL OF CONCRETE GUTTER THRU S-S
 SCALE: 1: 40 METERS



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

PROJECT TITLE:
 CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)

PROJECT LOCATION:
 LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
 DR. EDWIN T. CAOLENG
 DEAN, CPAG

PREPARED BY:
 AR. ULYSSES B. CALUYA
 ARCHITECT, FDMO

CHECKED BY:
 AR. ARLEN M. GUIEB
 PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
 AR. CHERRY L. FABIANES
 DIRECTOR, FDMO

RECOMMENDING APPROVAL:
 DR. GRACEN M. ROSETE
 VP ADMINISTRATION AND FINANCE

APPROVED:
 DR. ARNOLD E. VELASCO
 PRESIDENT

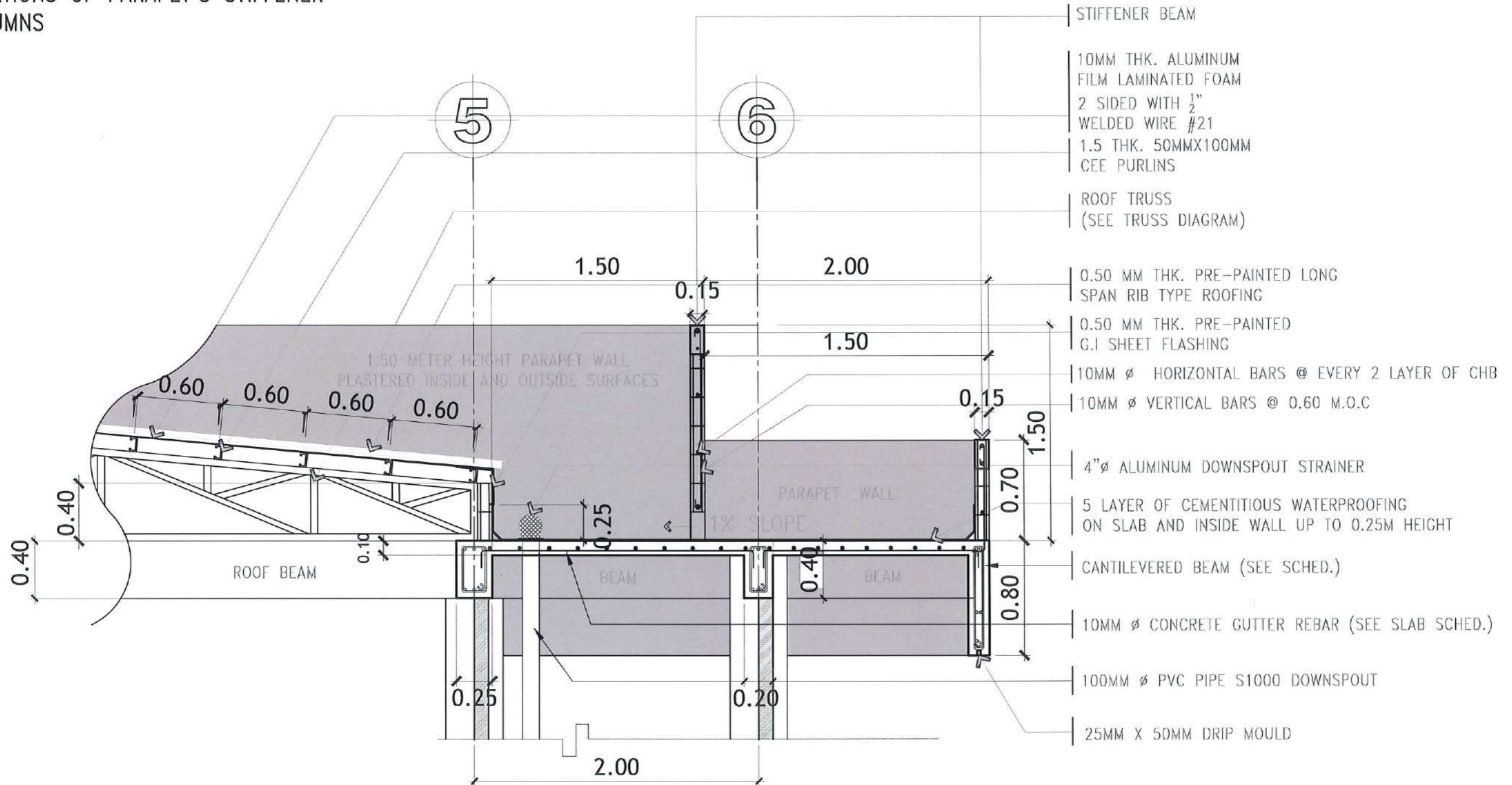
SHEET CONTENTS:
 AS SHOWN

DATE: SEPTEMBER 2023

SHEET NO:
 A-25

PAGE NO:
 25/163

NOTE: SEE STRUCTURAL PLAN FOR LOCATIONS OF PARAPET'S STIFFENER COLUMNS



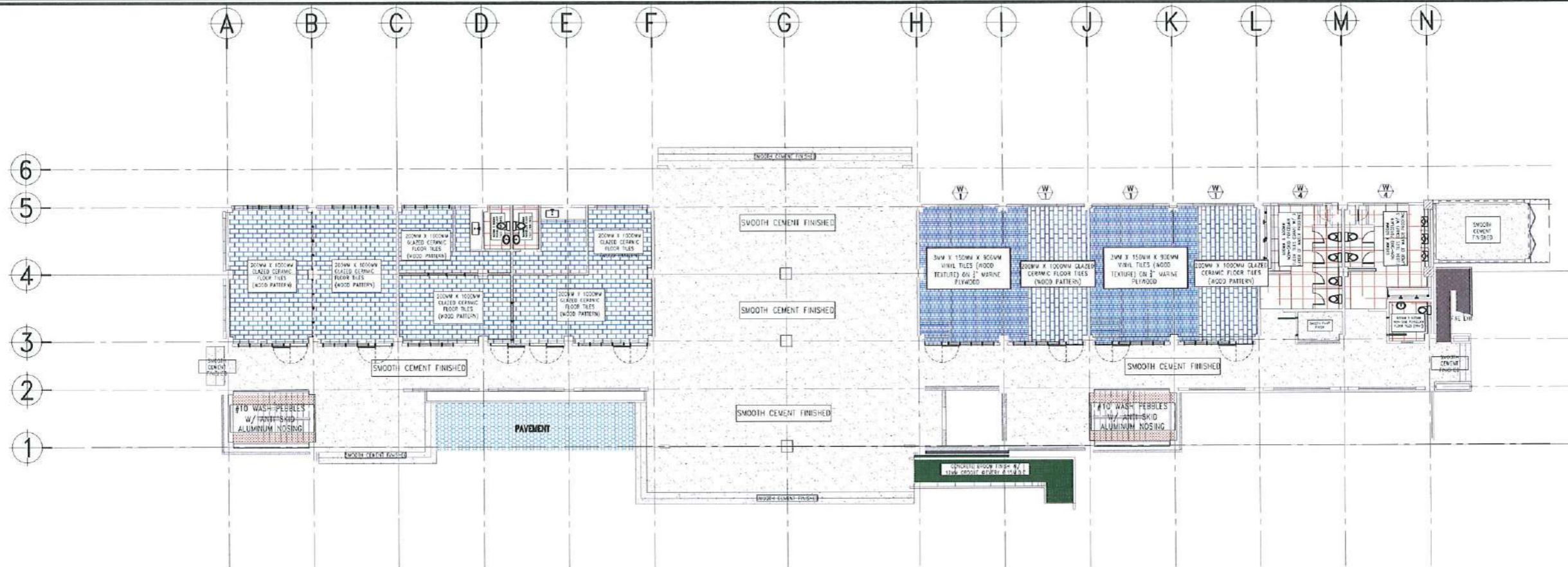
DETAIL OF CONCRETE GUTTER THRU Z-Z

SCALE: 1: 30 METERS



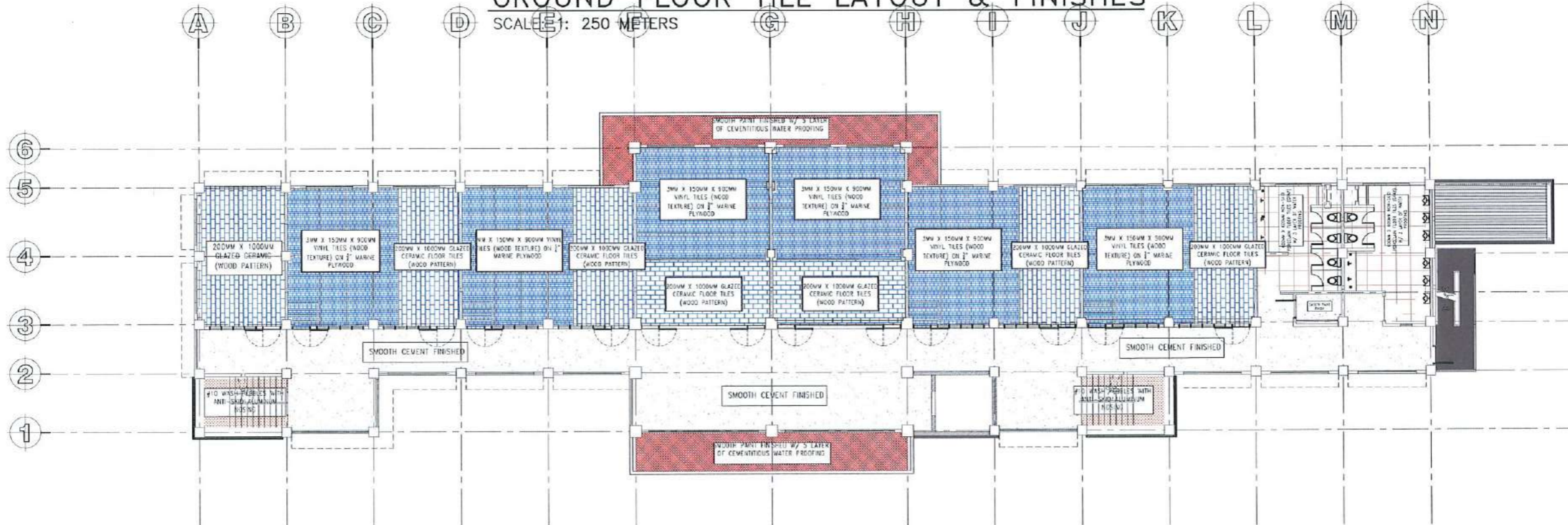
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-26
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GROUND FLOOR TILE LAYOUT & FINISHES

SCALE: 1: 250 METERS



SECOND FLOOR TILE LAYOUT & FINISHES

SCALE: 1: 250 METERS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE: DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY: AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY: AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

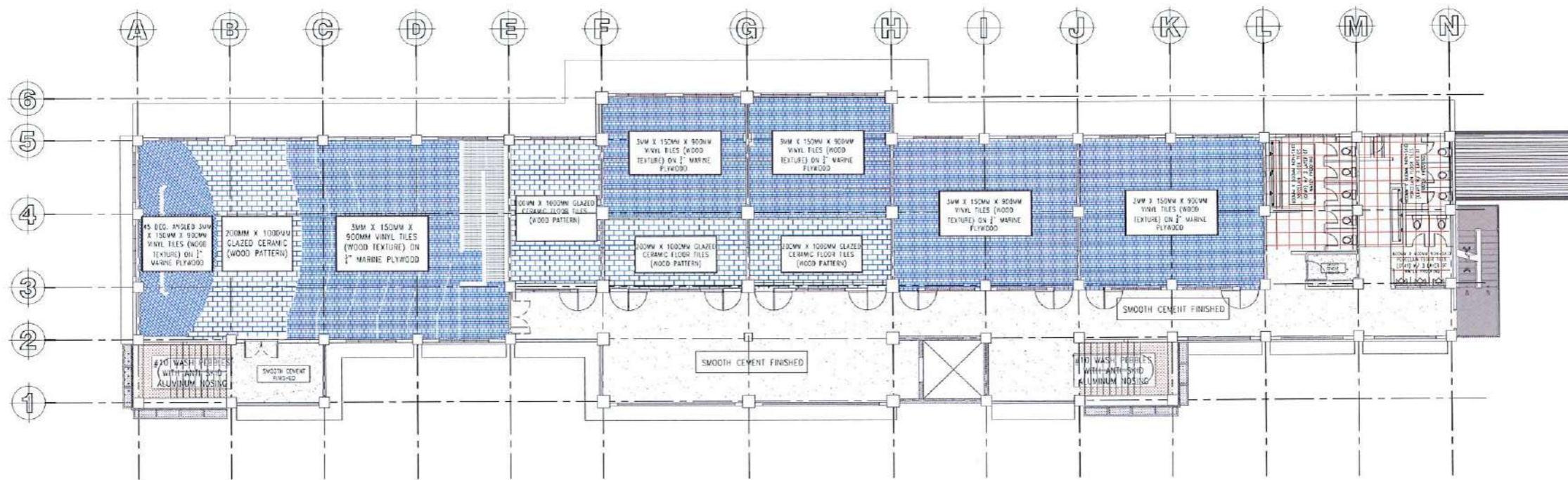
CERTIFIED BY: AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL: DR. GRACE W. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED: DR. ARNOLD E. VELASCO
PRESIDENT

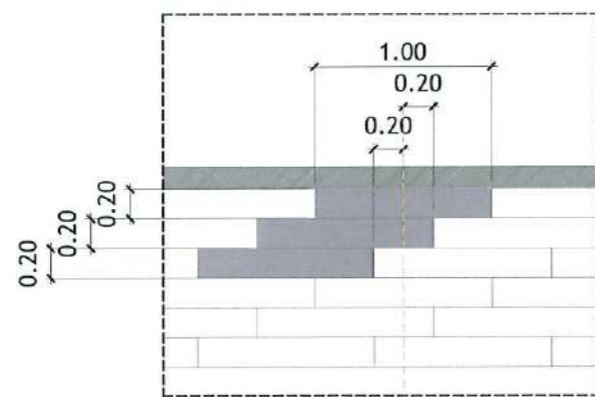
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THIRD FLOOR TILE LAYOUT & FINISHES
SCALE: 1: 250 METERS

SCHEDULE OF FLOOR TILE LAYOUT AND FINISHES								
CONCRETE PAVEMENT	200MM X 1000MM GLAZED CERAMIC WOOD PATTERN (SEE TYPICAL CERAMIC AND VINYL TILE PATTERN OF CLASSROOMS AND OFFICES)	600MM X 600MM NON-SKID PORCELAIN FLOOR TILES (GRAY) W/ 3 LAYER OF WATER PROOFING	3MM X 150MM X 900MM VINYL TILES (WOOD TEXTURE) ON 1/2" MARINE PLYWOOD (SEE TYPICAL CERAMIC AND VINYL TILE PATTERN OF CLASSROOMS AND OFFICES)	45 DEG. ANGLED 150MM X 900MM VINYL TILES (WOOD TEXTURE) ON 1/2" MARINE PLYWOOD (SEE TYPICAL CERAMIC AND VINYL TILE PATTERN OF CLASSROOMS AND OFFICES)	SMOOTH CEMENT FINISHED	#10 WASH PEBBLES WITH ANTI SKID ALUMINUM NOSSING	CONCRETE BROOM FINISH WITH 12MM GROOVE AT EVERY 0.15M.O.C.	SMOOTH PAINT FINISH W/ 5 LAYER CEMENTITIOUS WATER PROOFING



TYPICAL CERAMIC AND VINYL TILE PATTERN OF CLASSROOMS AND OFFICES
SCALE: 1: 50 METERS



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT-FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

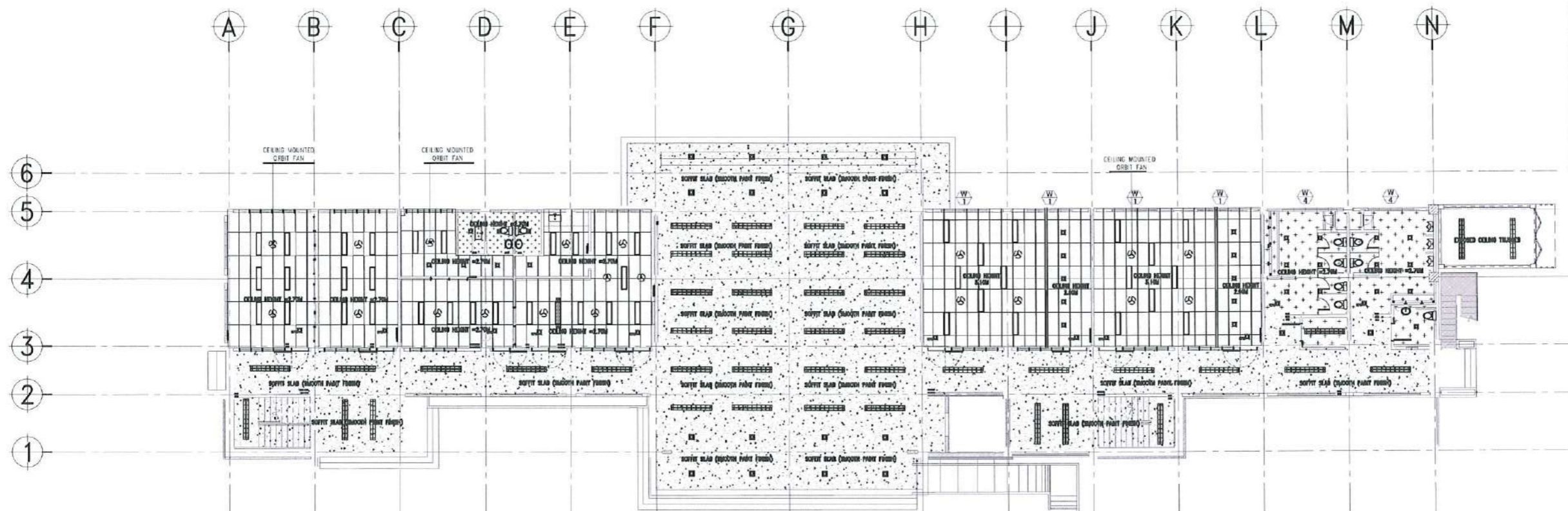
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

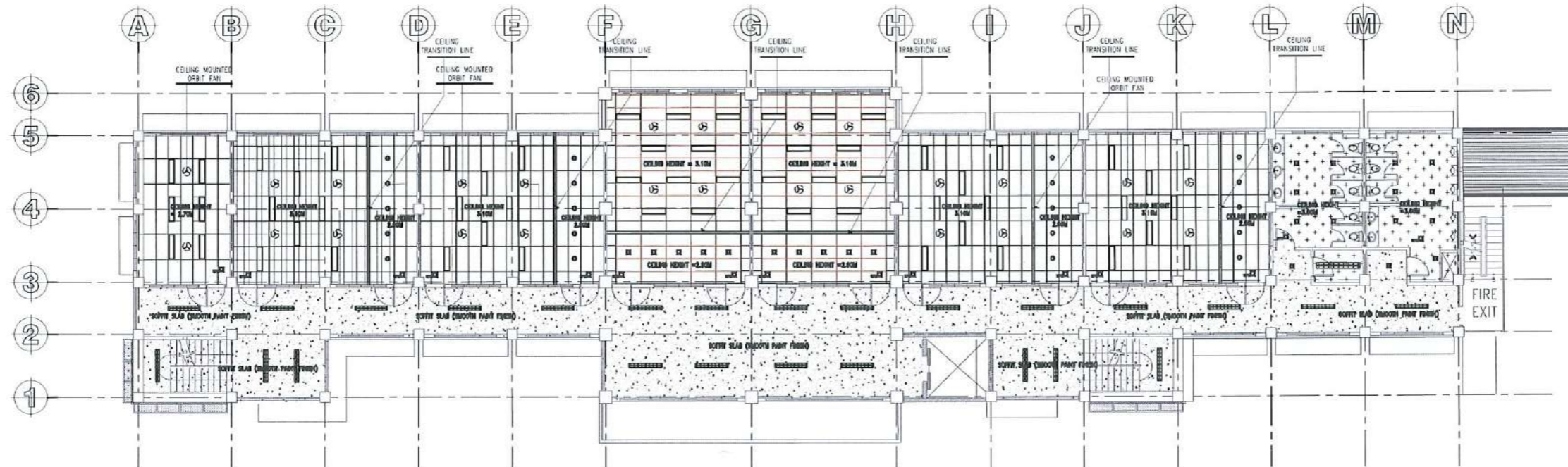
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DATE: SEPTEMBER 2023

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PAGE NO:
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GROUND FLOOR REFLECTED CEILING PLAN
SCALE: 1: 250 METERS

CEILING DETAILS:	
	4.5MM THK. FIBER CEMENT BOARD ON METAL FURRING FRAMING
	600MMX1200MMX15MM THK. FINE FISSURED ACOUSTIC BOARD (ANGLED REGULAR)
	9MM THK. GYPSUM BOARD ON METAL FURRING FRAMING
	SOFFIT SLAB (SMOOTH PAINT FINISH)

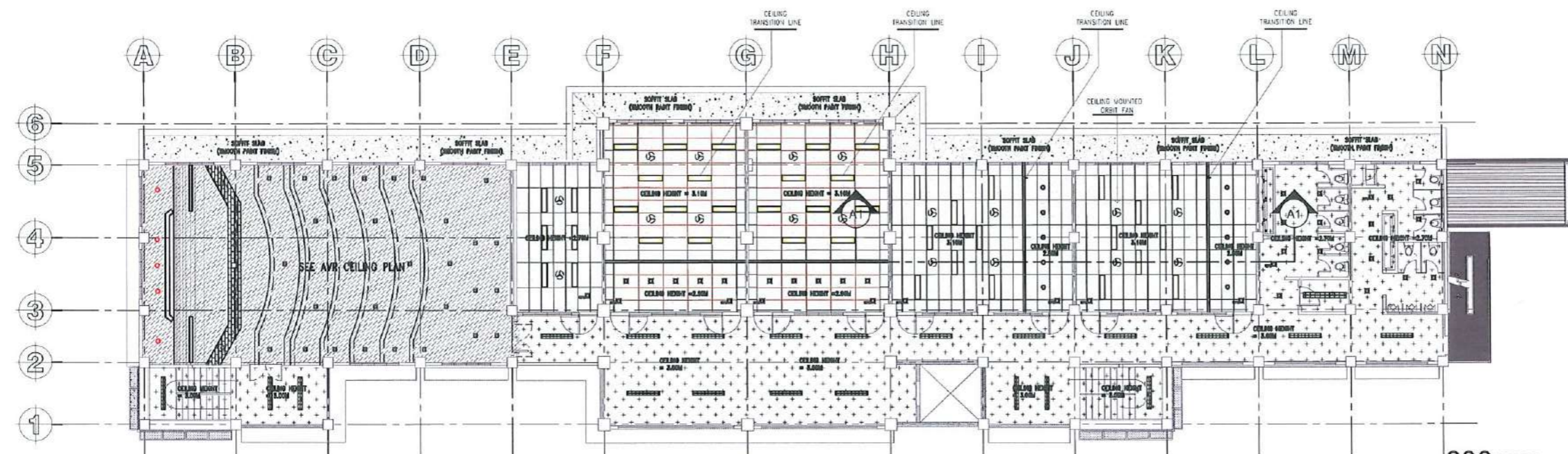


SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1: 250 METERS

CEILING DETAILS:	
	4.5MM THK. FIBER CEMENT BOARD ON METAL FURRING FRAMING
	600MMX1200MMX15MM THK. FINE FISSURED ACOUSTIC BOARD (ANGLED REGULAR)
	9MM THK. GYPSUM BOARD ON METAL FURRING FRAMING
	SOFFIT SLAB (SMOOTH PAINT FINISH)

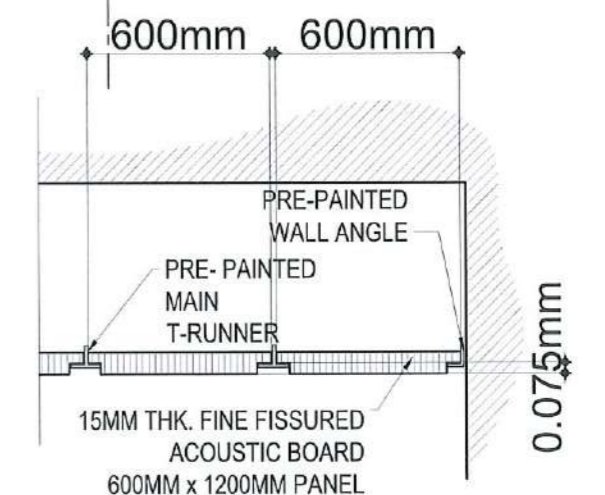
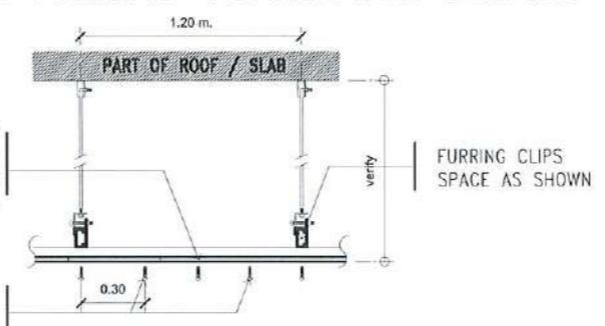
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Rornio Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-29
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 29/163

CEILING DETAILS:	
	4.5MM THK. FIBER CEMENT BOARD ON METAL FURRING FRAMING
	600MMX1200MMX15MM THK. FINE FISSURED ACOUSTIC BOARD (ANGLED TEGULAR)
	9MM THK. GYPSUM BOARD ON METAL FURRING FRAMING
	SOFFIT SLAB (SMOOTH PAINT FINISH)

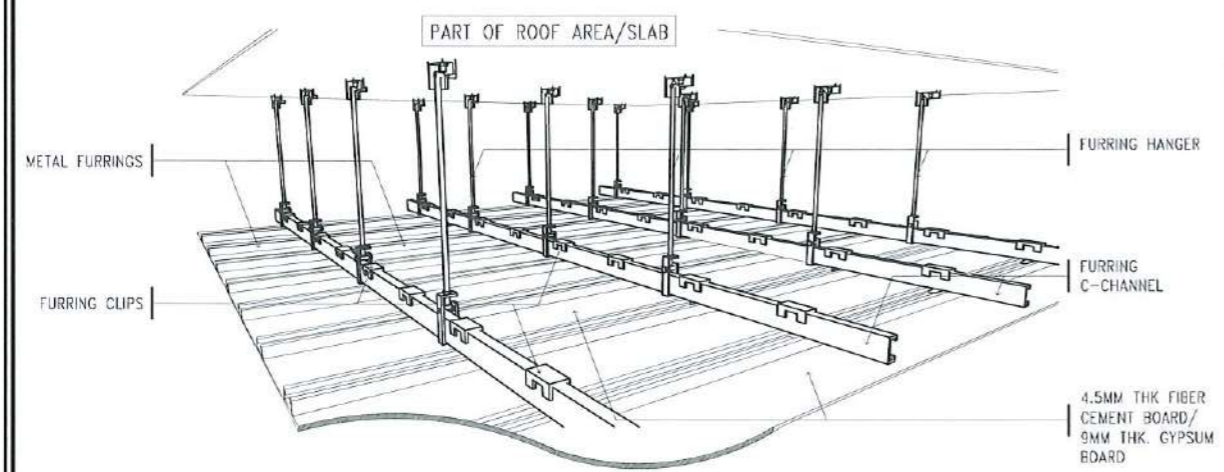


THIRD FLOOR REFLECTED CEILING PLAN
SCALE: 1: 250 METERS

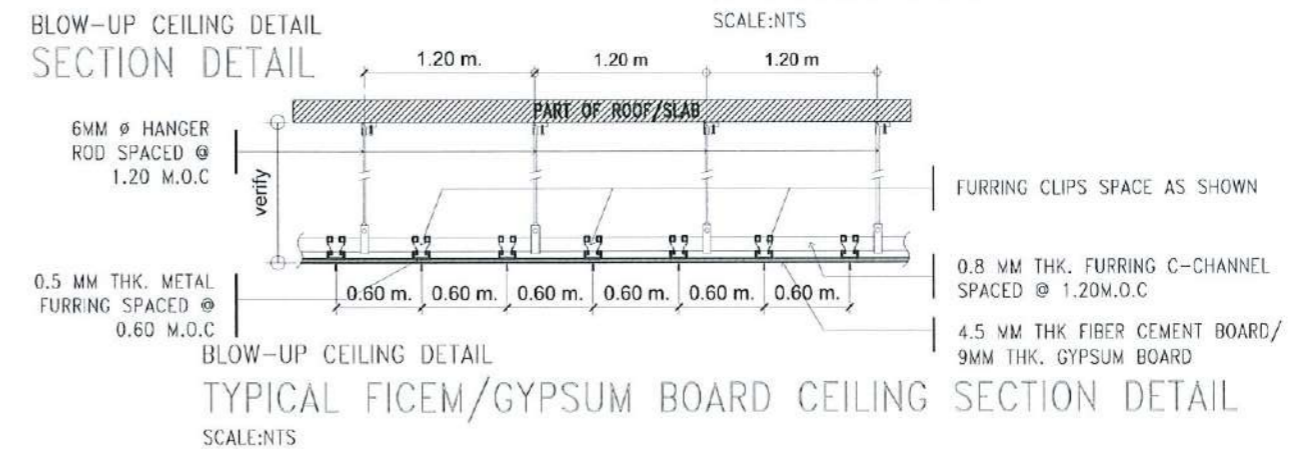
BLOW-UP CEILING DETAIL
METAL FURRING CONNECTION DETAILS



BLOW-UP CEILING DETAIL
ACOUSTIC CEILING SECTION DETAIL
SCALE: NTS



BLOW-UP FICEM/GYPSUM BOARD CEILING ISOMETRIC DETAIL
SCALE: 1: 250 METERS



BLOW-UP CEILING DETAIL
TYPICAL FICEM/GYPSUM BOARD CEILING SECTION DETAIL
SCALE: NTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:		PREPARED BY:		CHECKED BY:		CERTIFIED BY:		RECOMMENDING APPROVAL:		APPROVED:		SHEET CONTENTS:	SHEET NO.:
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG	DR. EDWIN T. CAOLENG	AR. ULYSSES B. CALUYA	AR. ARLEN M. GUIEB	AR. ARLEN M. GUIEB	AR. CHERRY L. FABIANES	DR. GRACE N. ROSETE	DR. ARNOLD E. VELASCO	AS SHOWN	A-30				
			DEAN, CPAG	ARCHITECT, FDMO	PLANNING UNIT HEAD, FDMO	DIRECTOR, FDMO	VP ADMINISTRATION AND FINANCE	PRESIDENT	DATE: SEPTEMBER 2023	30/163						



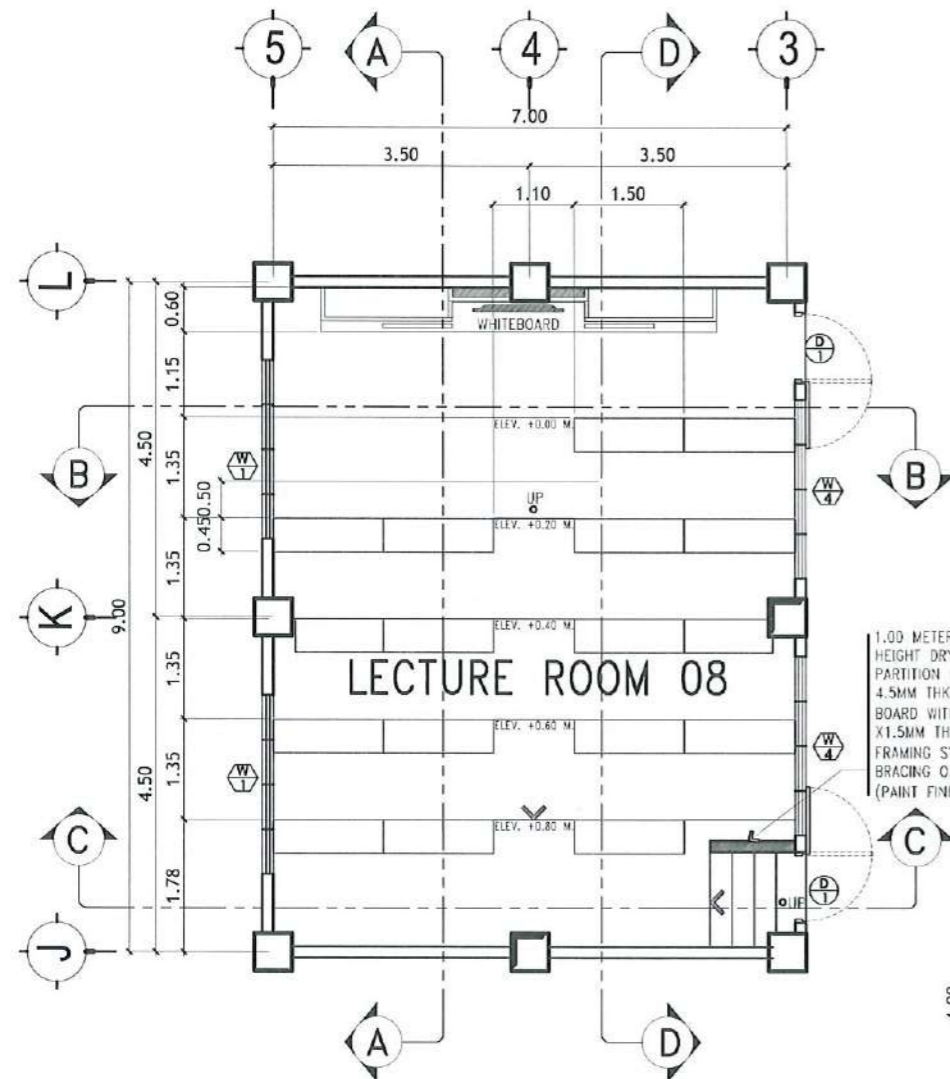
L E C T U R E R O O M 1 P E R S P E C T I V E



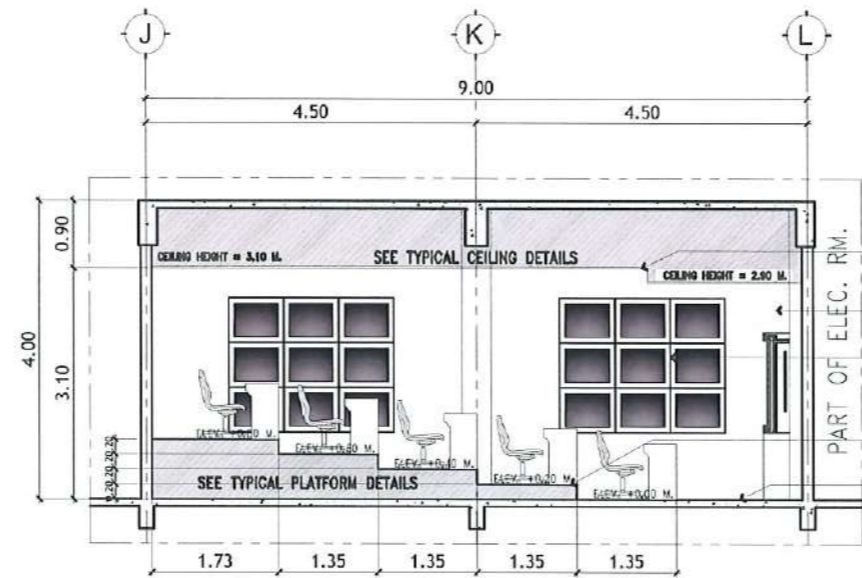
TARLAC STATE UNIVERSITY
 Facilities Development and
 Management Office
 Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-31
							DATE: SEPTEMBER 2023	PAGE NO: 31/163

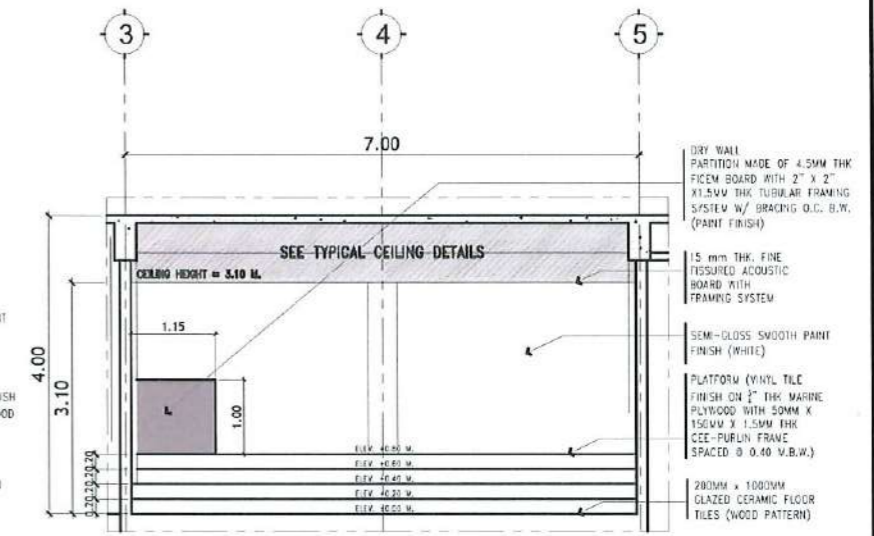
NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



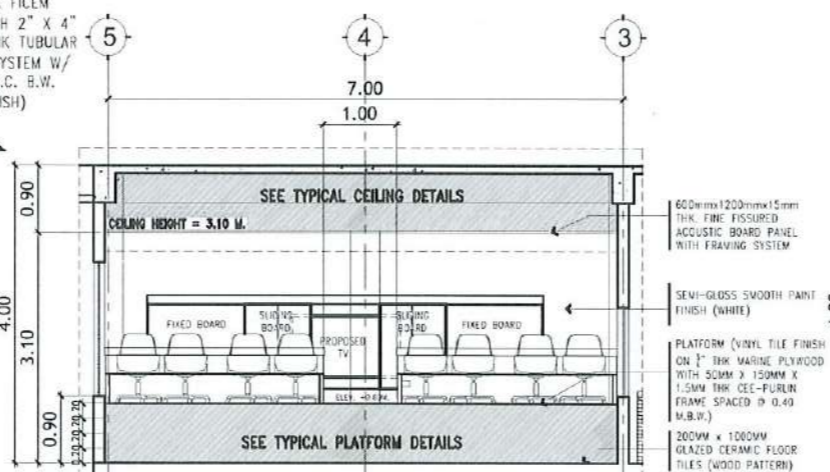
**TYPICAL LECTURE ROOM
PLAN OF 1,2,3,4,7&8**
SCALE: 1: 100 METERS



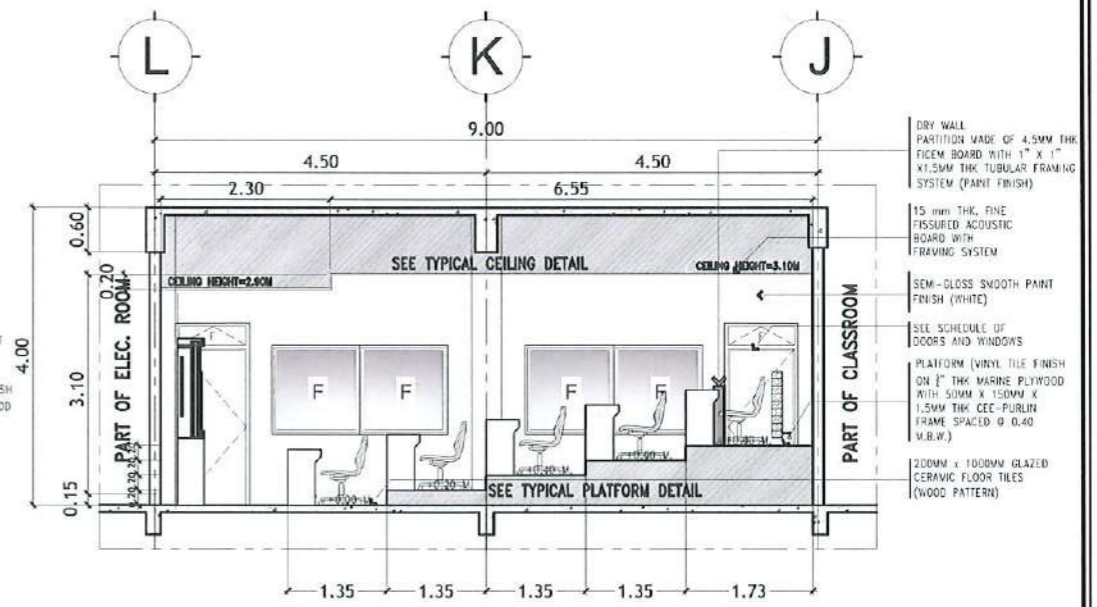
SECTIONAL ELEVATION @ A
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ B
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ C
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ D
SCALE: 1: 100 METERS



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

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY: AR. ULYSSES B. CALUYA ARCHITECT, FDMO	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: A-32 PAGE NO.: 32/163
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DATE: SEPTEMBER 2023



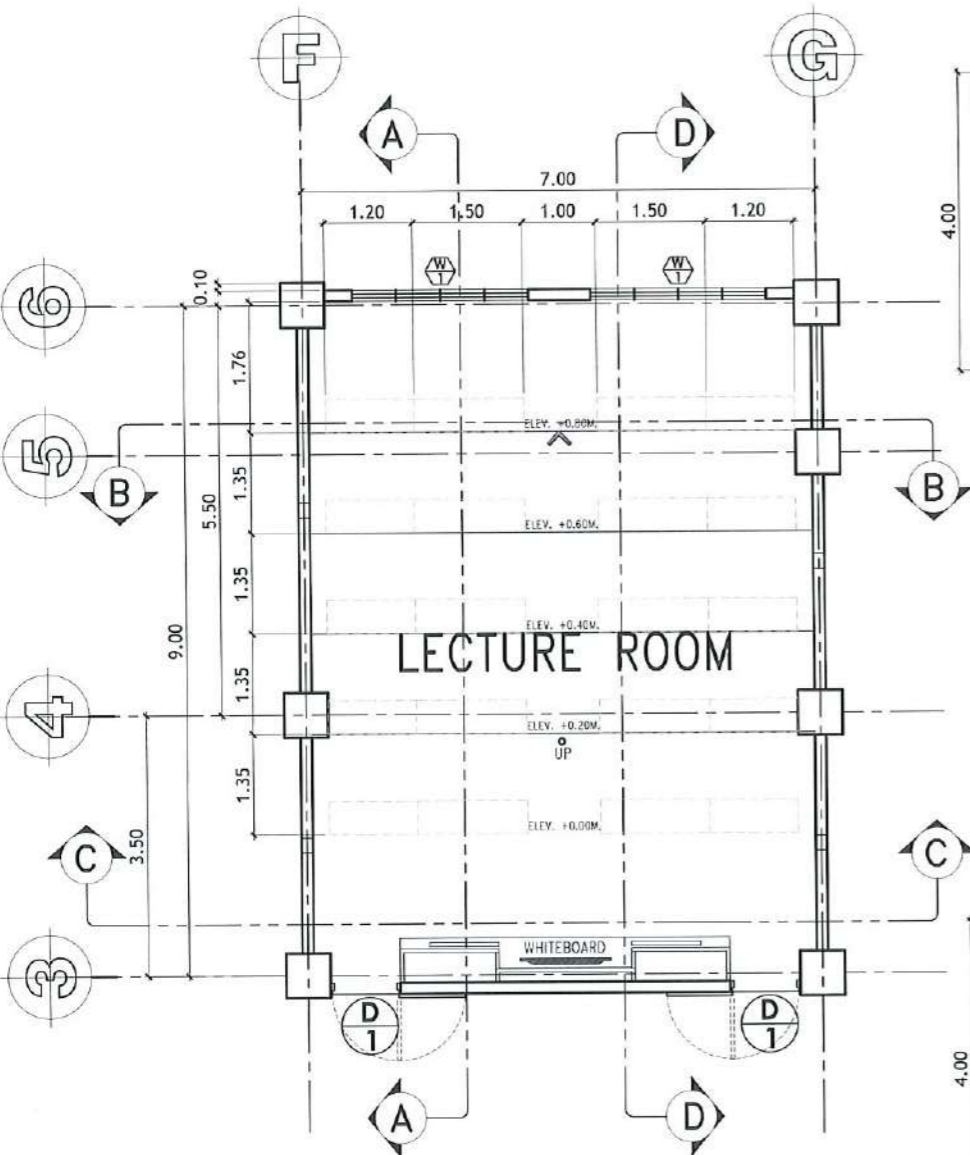
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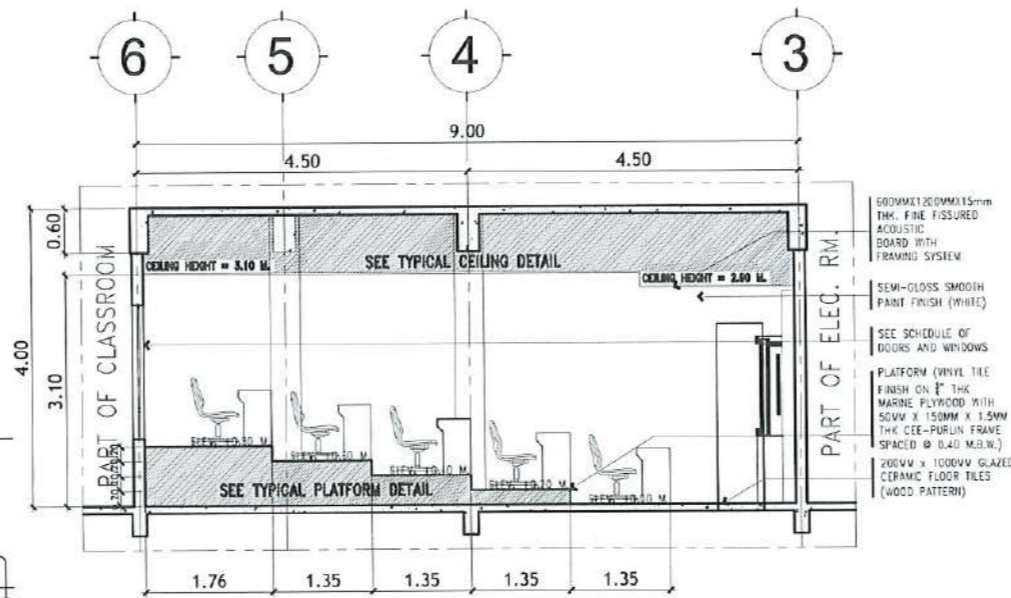
TARLAC STATE UNIVERSITY
 Facilities Development and
 Management Office
 Ramula Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. BOSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN DATE: SEPTEMBER 2023	A-33 PAGE NO: 33/163

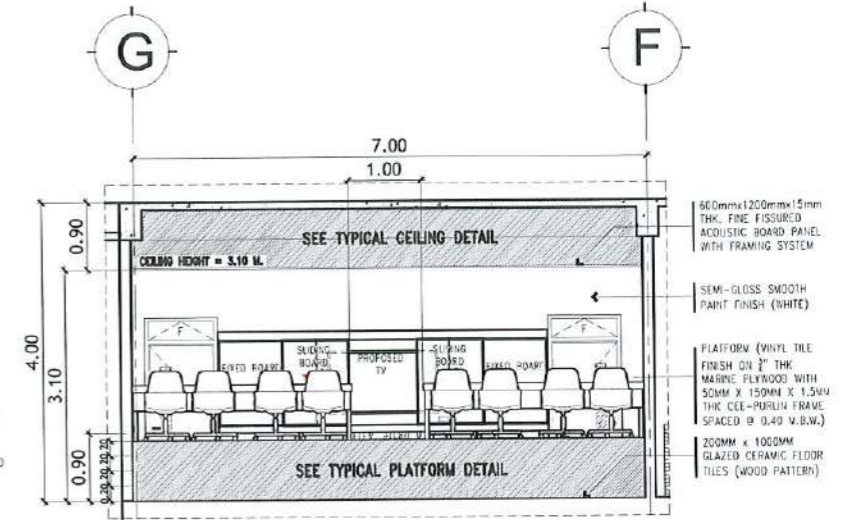
NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



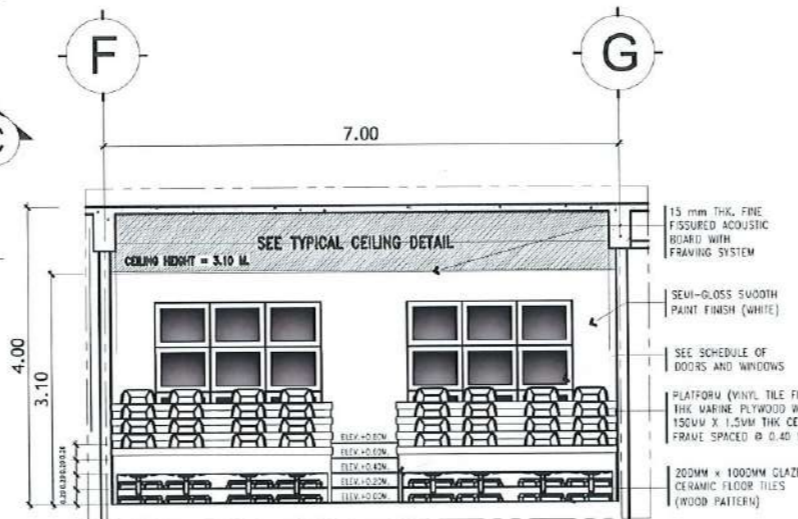
**LECTURE ROOM
5,6,9&10 LAYOUT PLAN**
SCALE: 1:100 METERS



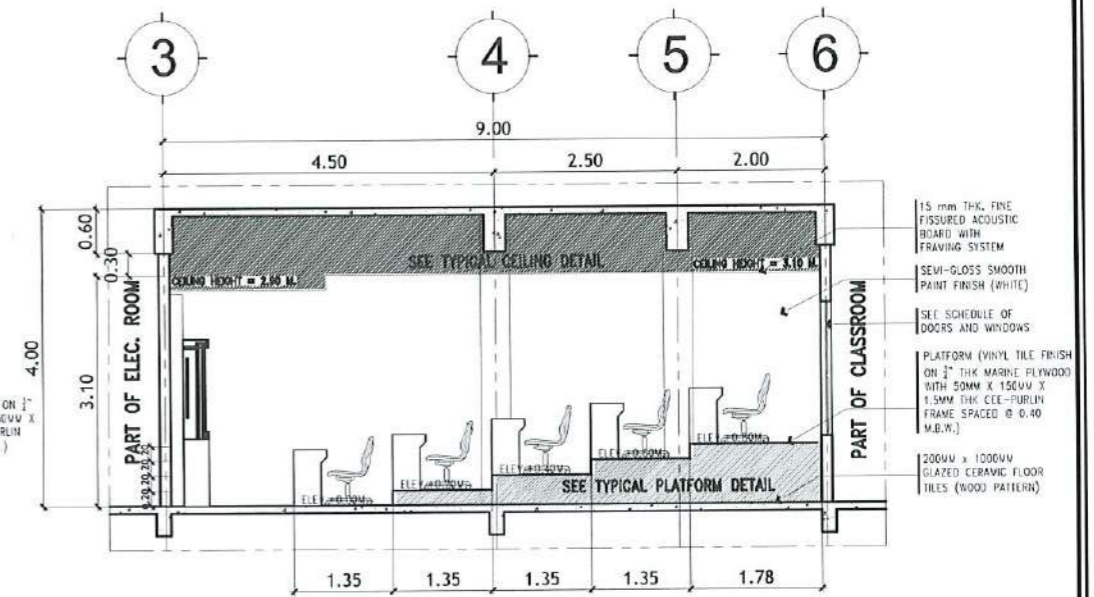
SECTIONAL ELEVATION @ A
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ B
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ C
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ D
SCALE: 1: 100 METERS



PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. OLYSSES B. CALUYA
ARCHITECT, FDMO

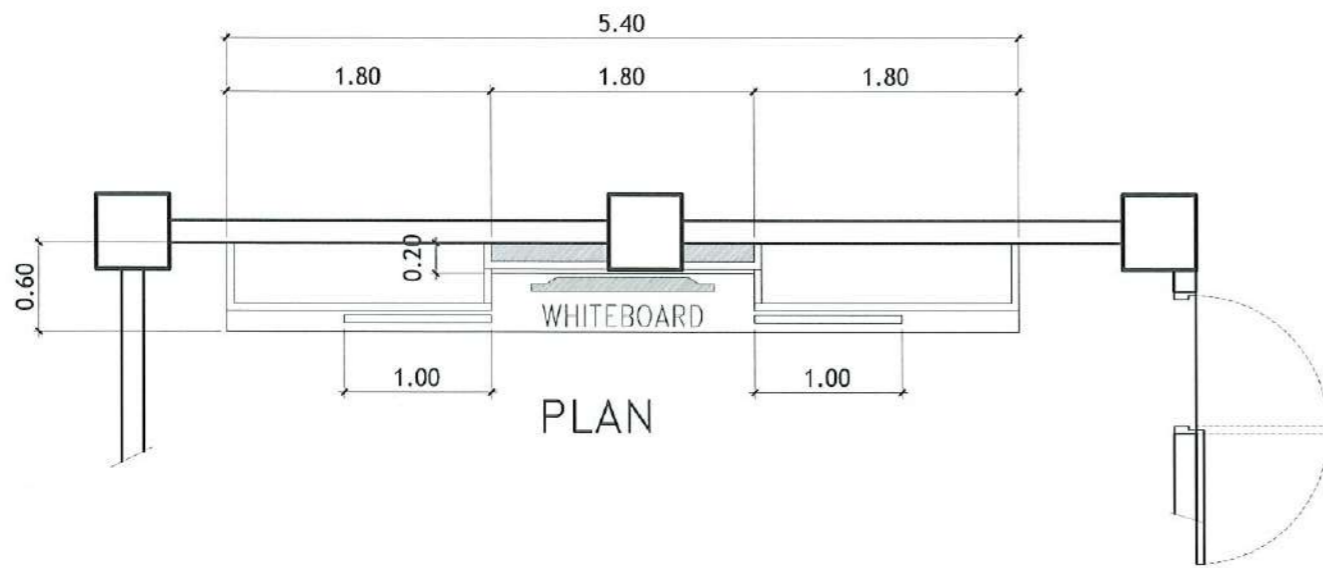
CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

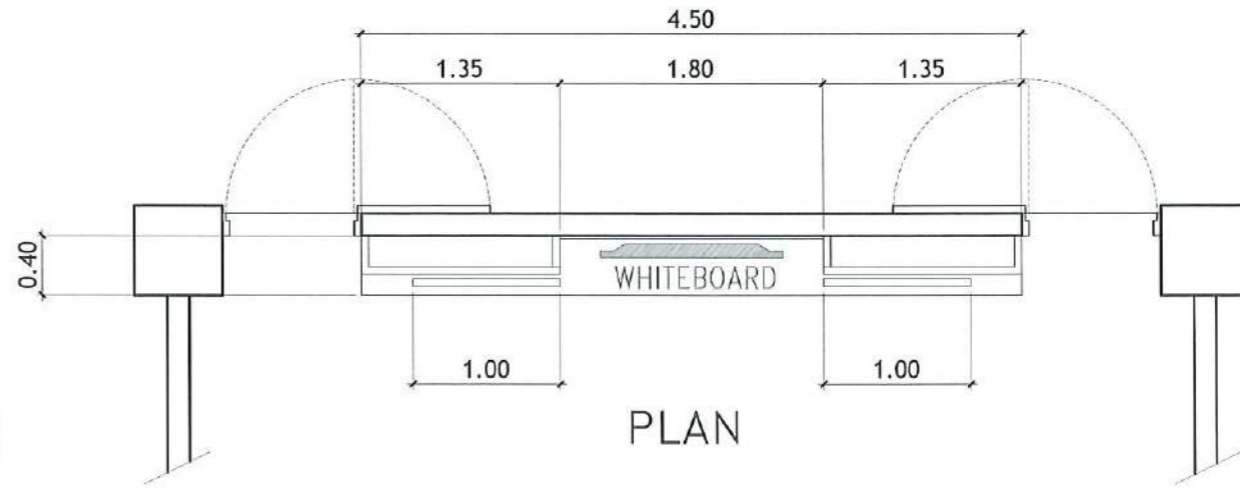
RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

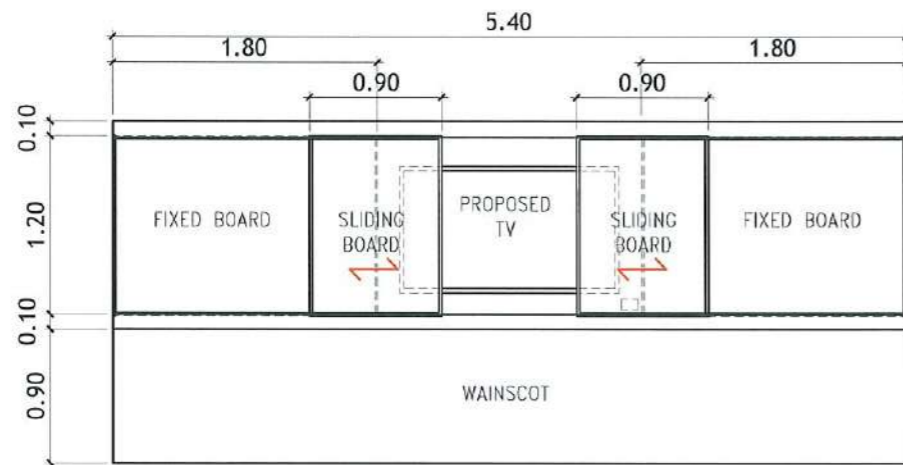
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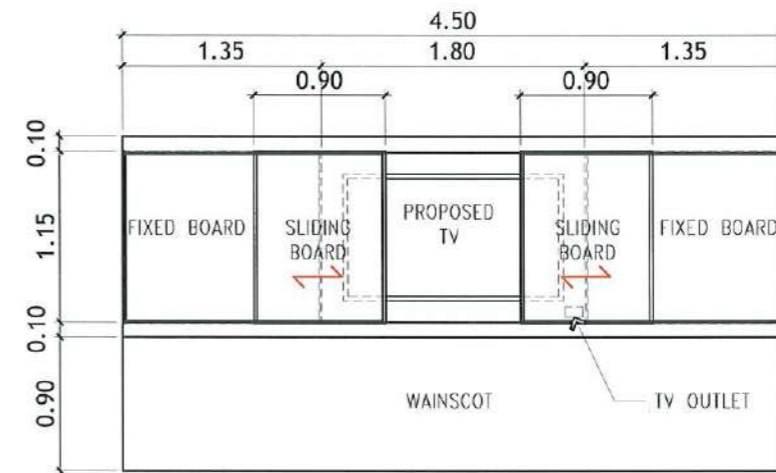
PLAN



PLAN



FRONT



FRONT

**BLOW-UP WHITEBOARD DETAILS
OF LECTURE ROOM 1,2,3,4,7&8**
SCALE: 1:50 METERS

**BLOW-UP WHITEBOARD PLAN
OF LECTURE ROOM 5,6,9&10**
SCALE: 1:50 METERS



TARLAC STATE UNIVERSITY
Facilities Development and
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CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

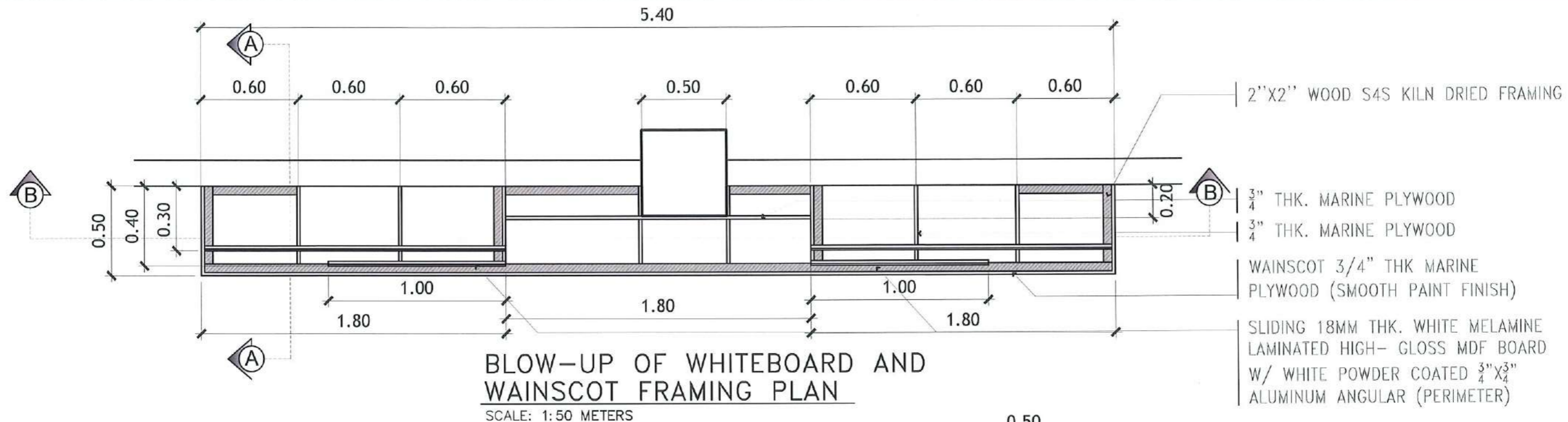
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

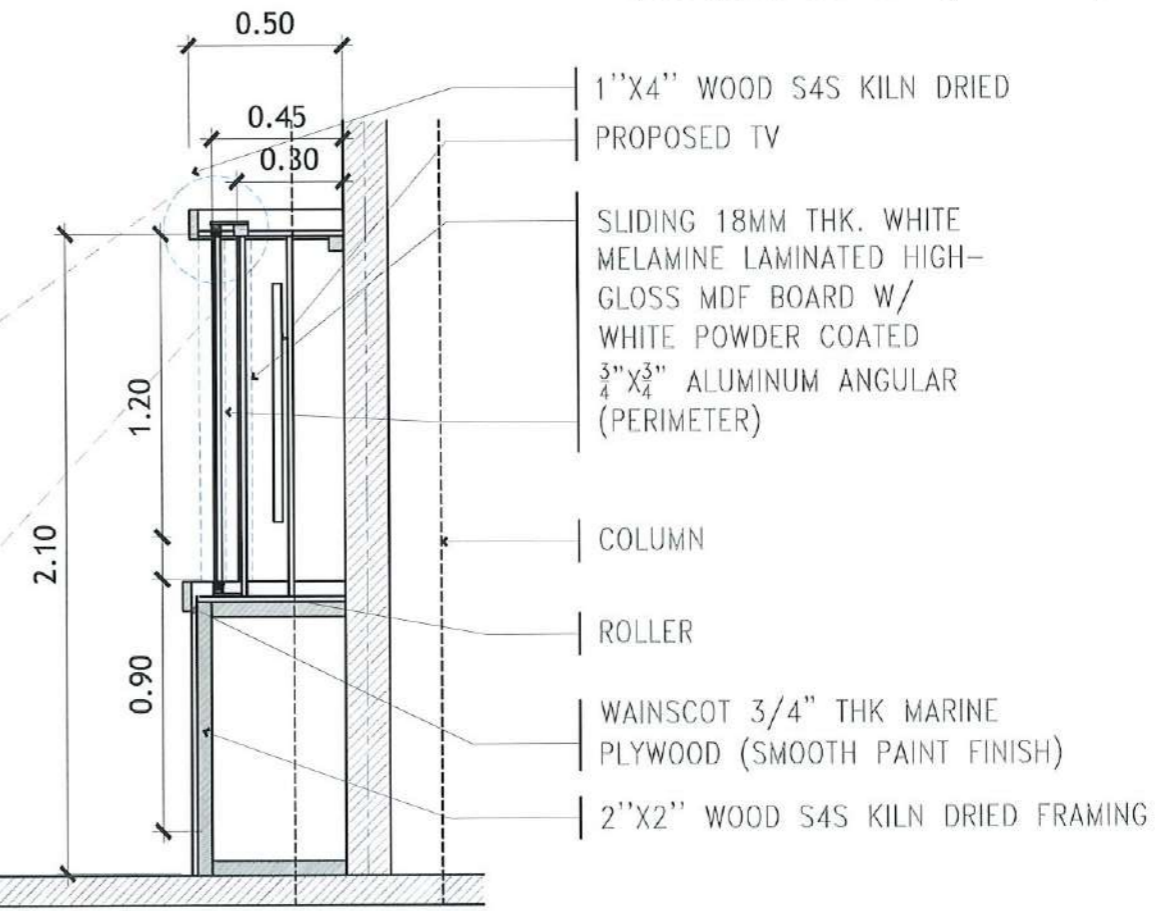
APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
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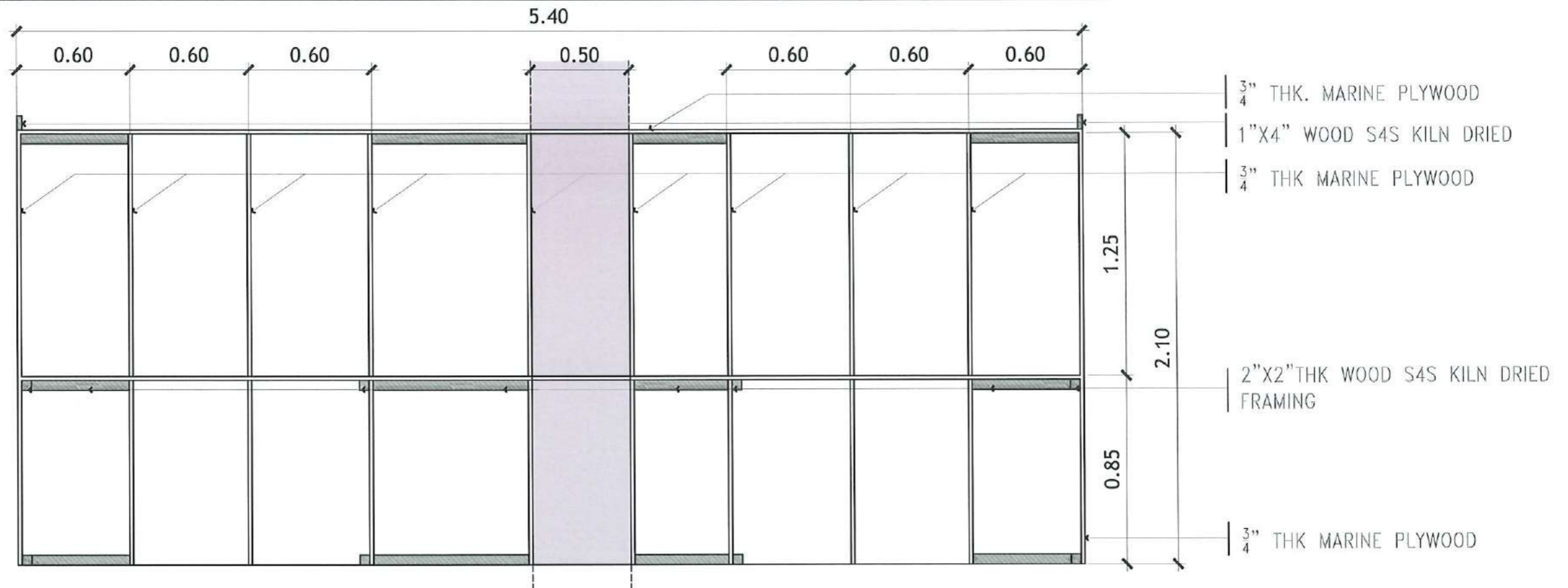


- 2 SETS OF ROLLER TYPICAL TO BOTTOM
- 1"X4" WOOD S4S KILN DRIED
- G.I. HANGER
- ROLLER GUIDE 3.6M LENGHTI
- 2"X2" WOOD S4S KILN DRIED

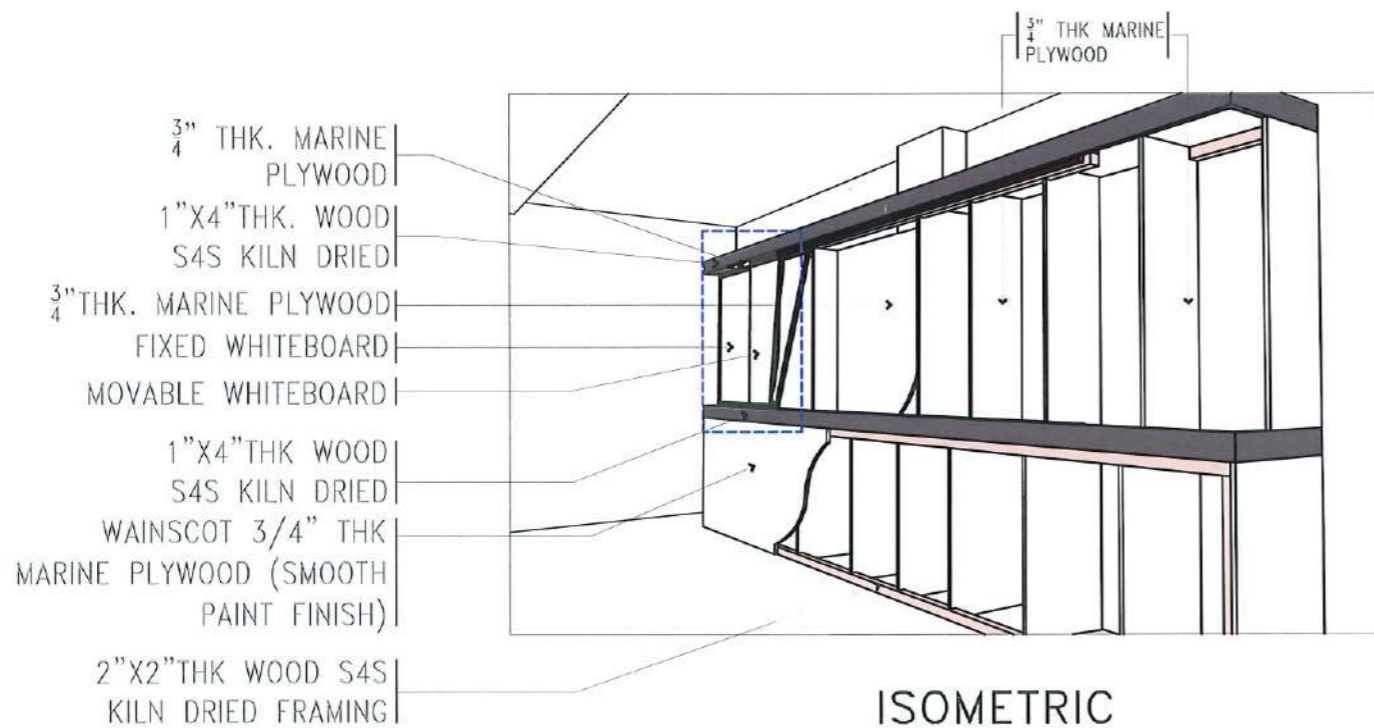


TYPICAL WHITEBOARD AND WAINSCOT FRAMING SYSTEM
SCALE: NTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
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	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO: 36/163



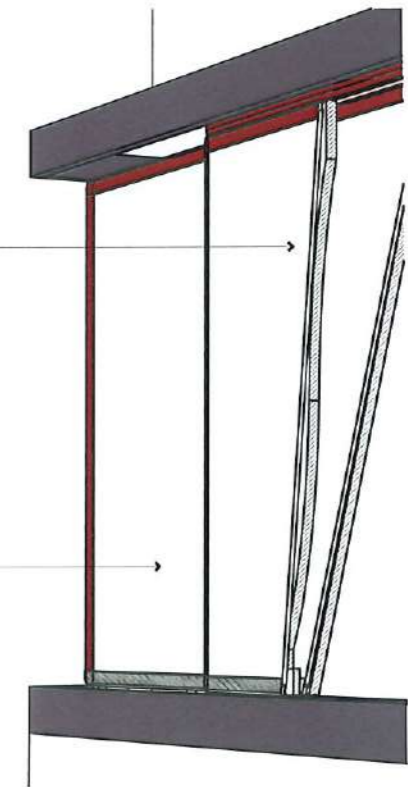
SECTION THRU B
SCALE: 1:25 METERS



ISOMETRIC
SCALE: 1:NTS

SLIDING 18MM THK. WHITE MELAMINE LAMINATED HIGH-GLOSS MDF BOARD W/ WHITE POWDER COATED ALUMINUM PERIMETER FRAME AND HOLDER

FIXED 18MM THK. WHITE MELAMINE LAMINATED HIGH-GLOSS MDF BOARD W/ WHITE POWDER COATED ALUMINUM PERIMETER FRAME AND HOLDER



BLOW-UP
SCALE: 1:NTS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 3300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE: DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY: AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY: AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

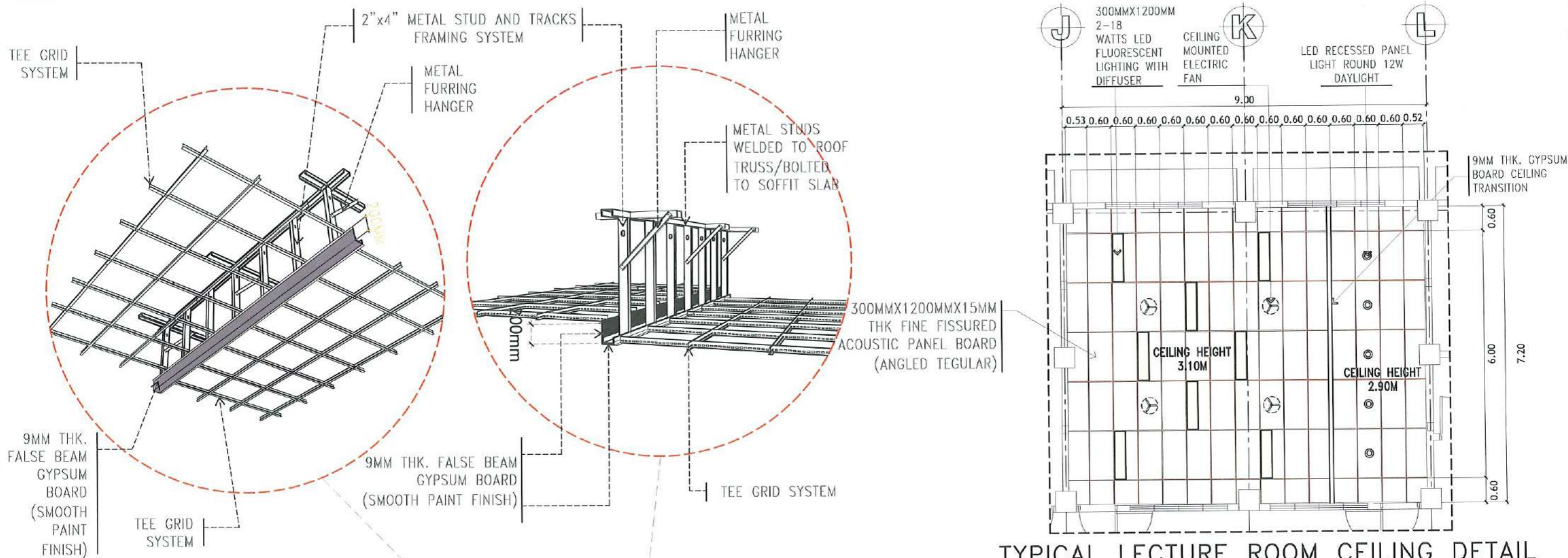
CERTIFIED BY: AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL: DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

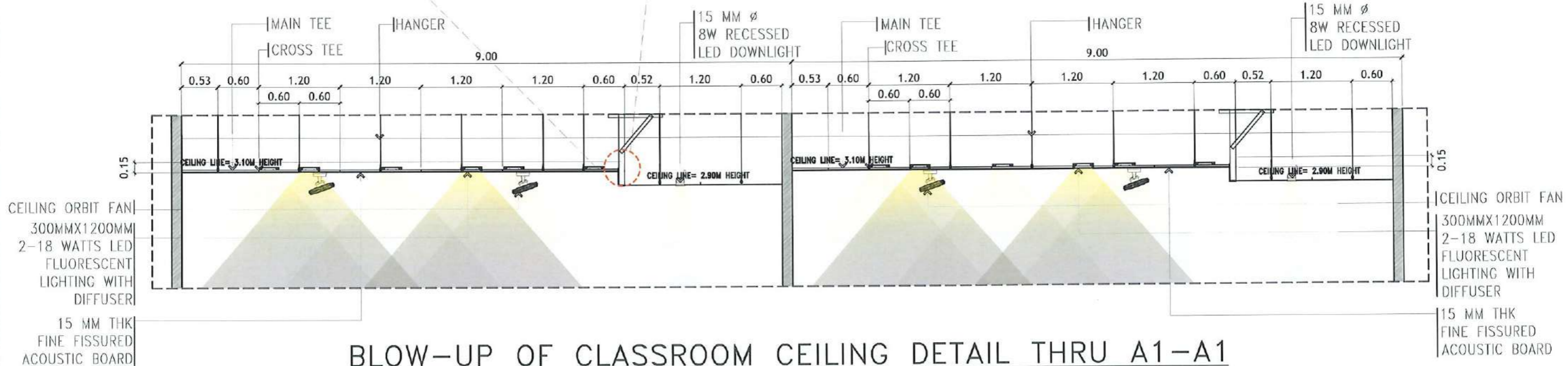
APPROVED: DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS: AS SHOWN
DATE: SEPTEMBER 2023

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PAGE NO: 37/163



TYPICAL LECTURE ROOM CEILING DETAIL
SCALE: 1:100 METERS



BLOW-UP OF CLASSROOM CEILING DETAIL THRU A1-A1
SCALE: 1:30 METERS

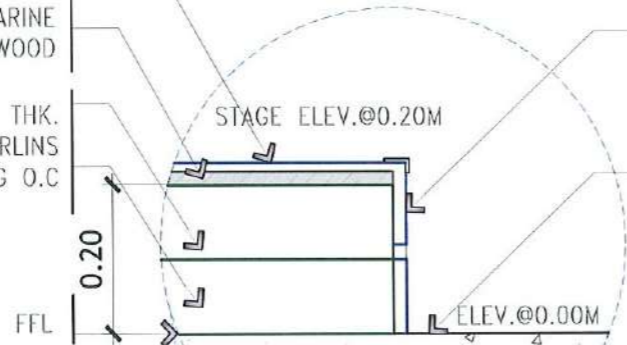
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Ronda Boulevard, Tarlac City, Pampanga 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-38
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 38/163

NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.

150MM X 900MM VINYL
TILES (WOOD TEXTURE)
ON 3/4" MARINE PLYWOOD

3/4" THK. MARINE
PLYWOOD

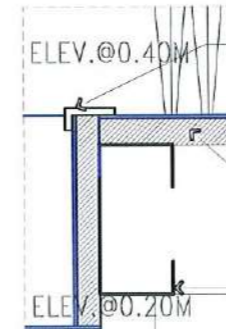
2-2"x4"x1.5MM THK.
G.I. CEE PURLINS
@0.30M SPACING O.C



SPOT DETAIL A
SCALE: 1:10 METERS

3/4" THK. MARINE
PLYWOOD W/ 150MM
X 900MM VINYL
TILES (WOOD
TEXTURE)

ELEVATION @0.00M



ELEV.@0.40M

ELEV.@0.20M

BROWN RUBBER NOSING

150MM X 900MM VINYL
TILES (WOOD TEXTURE) ON 3/4" MARINE
PLYWOOD

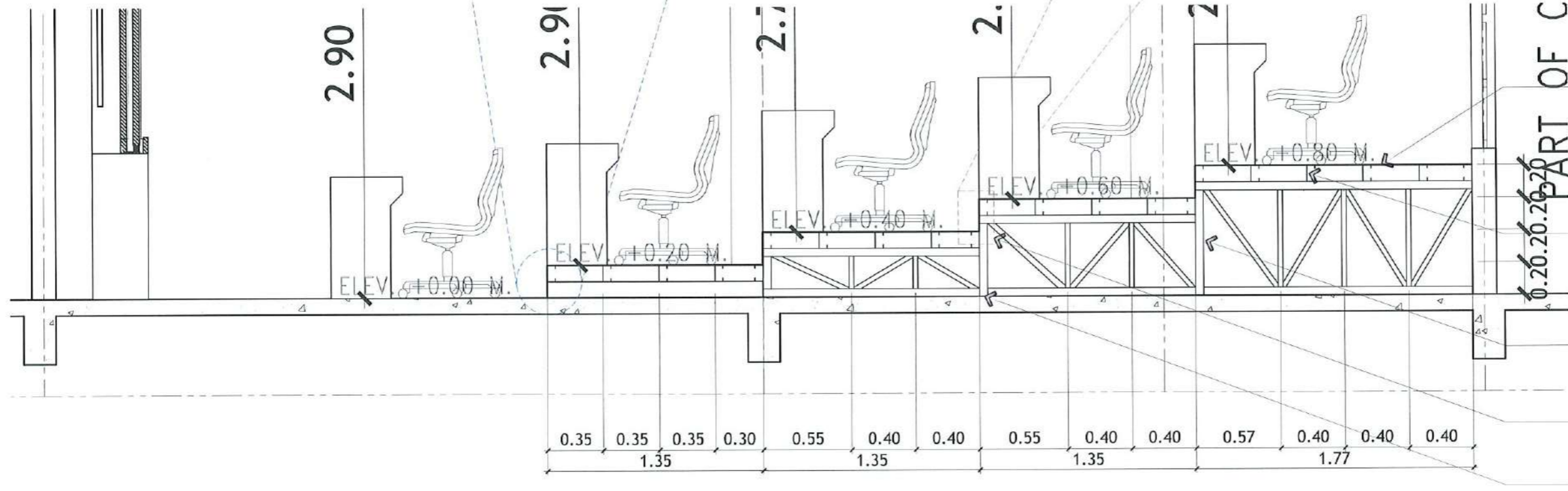
3/4" THK. MARINE PLYWOOD

2"x4"x1.5MM THK. G.I. CEE
PURLINS @0.30M SPACING
O.C

2"x4"x1.5MM THK. G.I. CEE
PURLINS @0.30M SPACING
O.C

1 1/2"x1 1/2"x4MM THK. ANGLE
BAR FRAMING SPACED
@0.40M SPACING O.C

SPOT DETAIL B
SCALE: 1:10 METERS



150mm x 900mm x 3mm
thk. vinyl TILES (WOOD
TEXTURE) ON 3/4" MARINE
PLYWOOD

2"x4"x1.5MM THK. G.I. CEE
PURLINS @0.30M O.C
SPACING

1 1/2"x1 1/2"x4MM THK. ANGLE
BAR FRAMING SPACED
@0.40M SPACING O.C

SEE SPOT DETAIL B

FFL

TYPICAL BLOW-UP CLASSROOM PLATFORM DETAIL
SCALE: 1:50 METERS



PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FOMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FOMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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AS SHOWN
PAGE NO:
DATE: SEPTEMBER 2023
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SHEET NO:
A-39



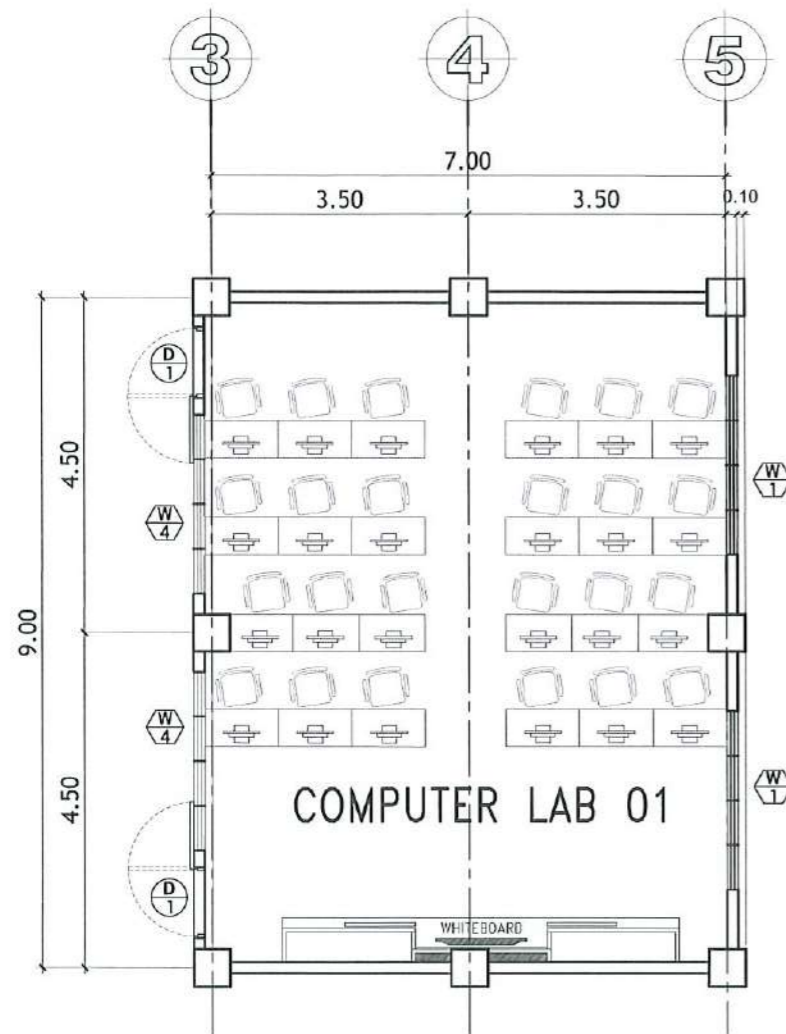
C O M P U T E R R O O M P E R P E C T I V E



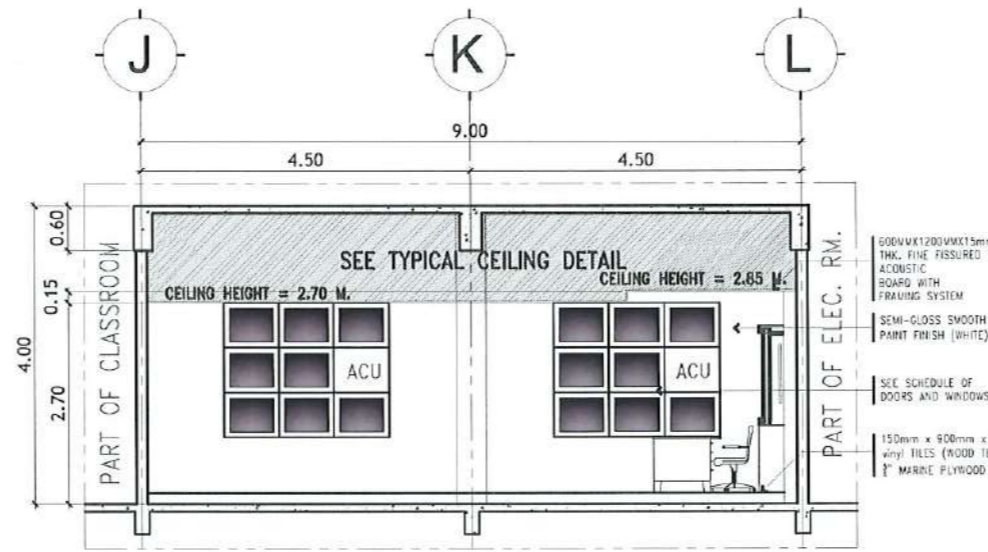
TARLAC STATE UNIVERSITY
 Facilities Development and
 Management Office
 Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III) PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	REQUESTING OFFICE: DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	PREPARED BY: AR. ULYSSES B. CALUYA <small>ARCHITECT, FDMO</small>	CHECKED BY: AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	CERTIFIED BY: AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	APPROVED: DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	SHEET CONTENTS: AS SHOWN DATE: SEPTEMBER 2023	SHEET NO: A-40 PAGE NO: 40/163
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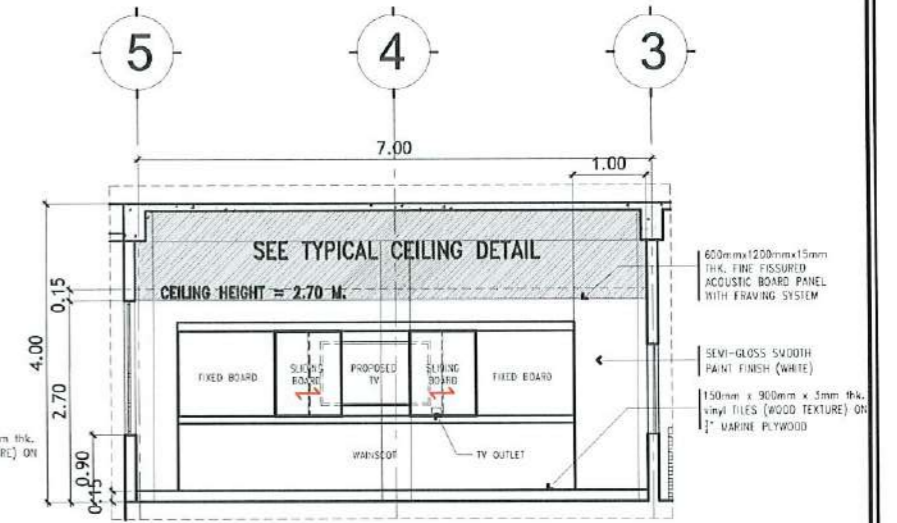
NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



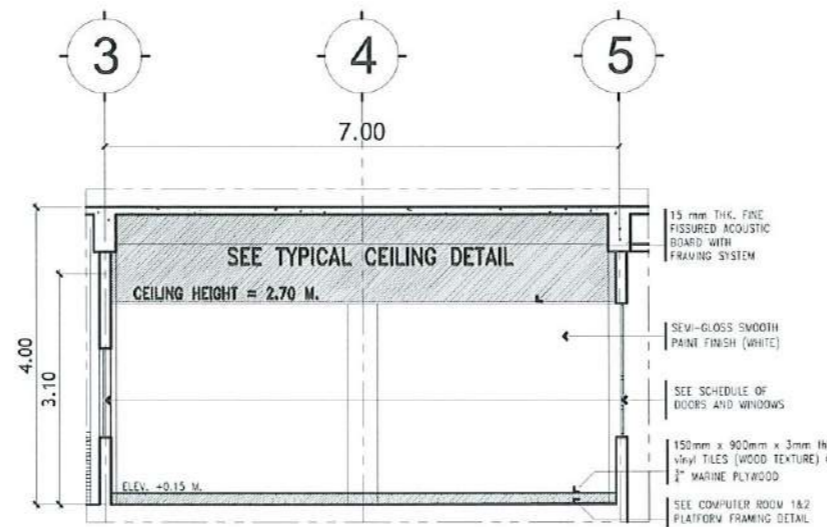
COMPUTER LAB 01&02 LAYOUT PLAN
SCALE: 1:100 METERS



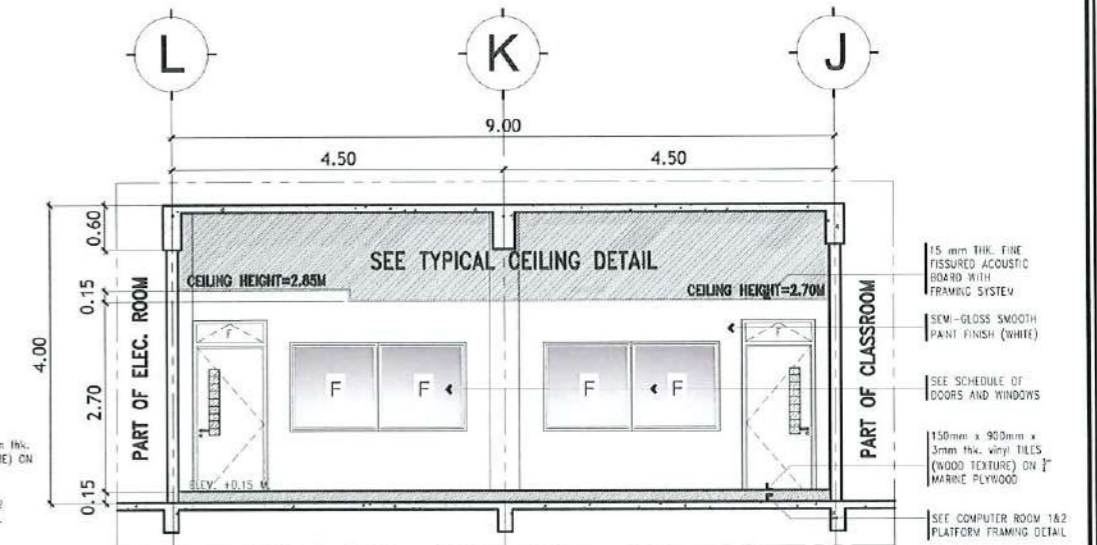
SECTIONAL ELEVATION @ A
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ B
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ C
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ D
SCALE: 1: 100 METERS



TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 3300

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

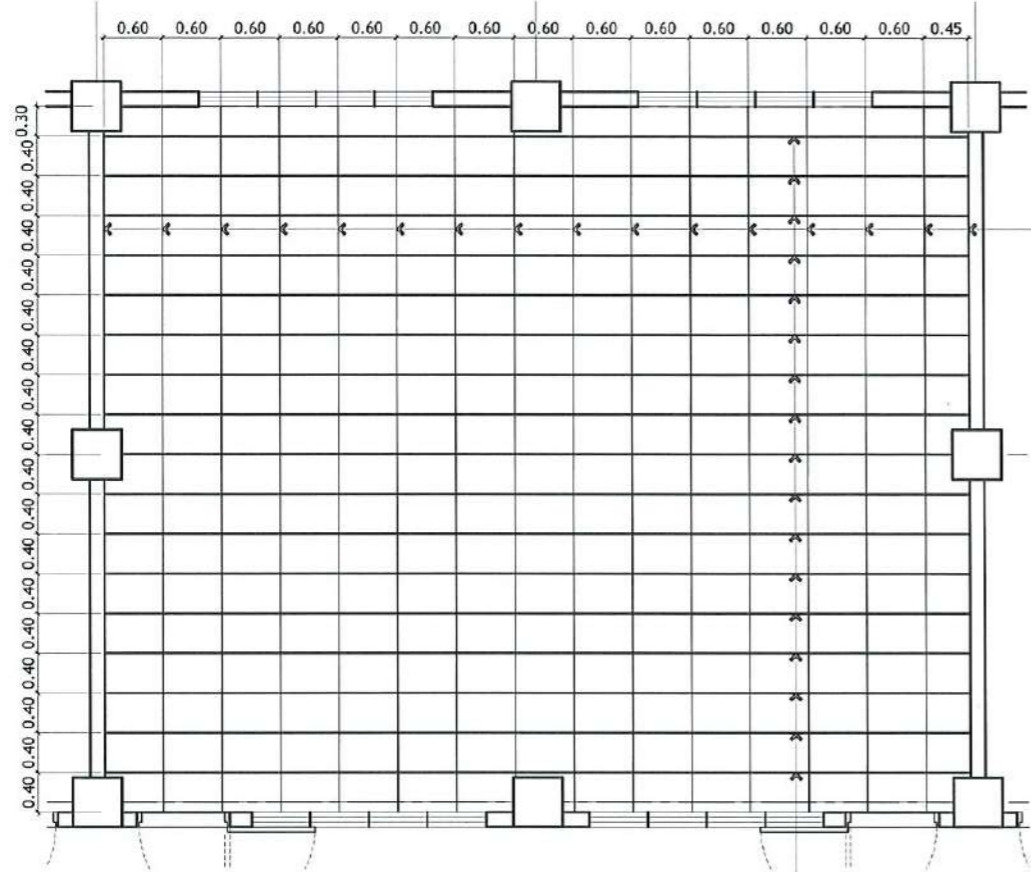
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. SPACE A. ROSETE
VP ADMINISTRATION AND FINANCE

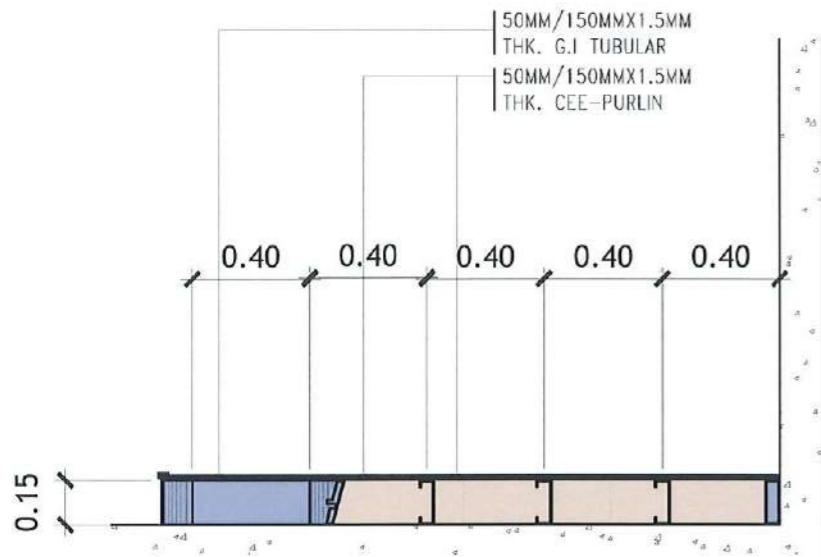
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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PLATFORM FRAMING PLAN
SCALE: 1:75 METERS



SECTIONAL ELEVATION A
SCALE: 1:25 METERS

NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.

50MMx150MMx1.5MM
THK CEE-PURLIN
FRAME
SPACED @ 0.60
M.B.W.)

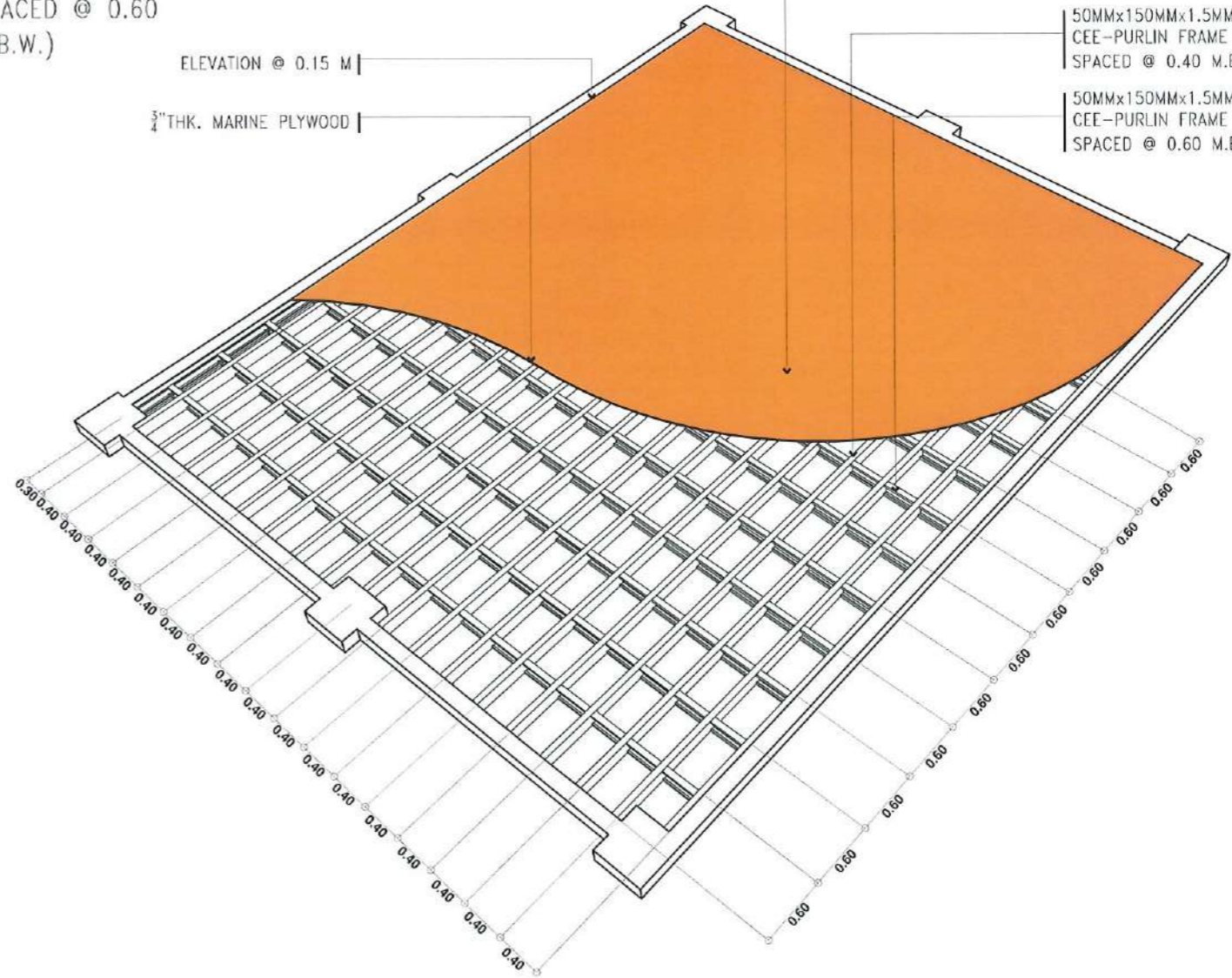
ELEVATION @ 0.15 M

3/4" THK. MARINE PLYWOOD

150mmx900mm WOODEN
TEXTURE VINYL TILES
FLOORING

50MMx150MMx1.5MM THK
CEE-PURLIN FRAME
SPACED @ 0.40 M.B.W.)

50MMx150MMx1.5MM THK
CEE-PURLIN FRAME
SPACED @ 0.60 M.B.W.)



**COMPUTER ROOM 1 & 2
PLATFORM ISOMETRIC DETAIL**
SCALE: 1:NTS



TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 2309

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FIDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLAYING UNIT HEAD, FIDMO

CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FIDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE








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

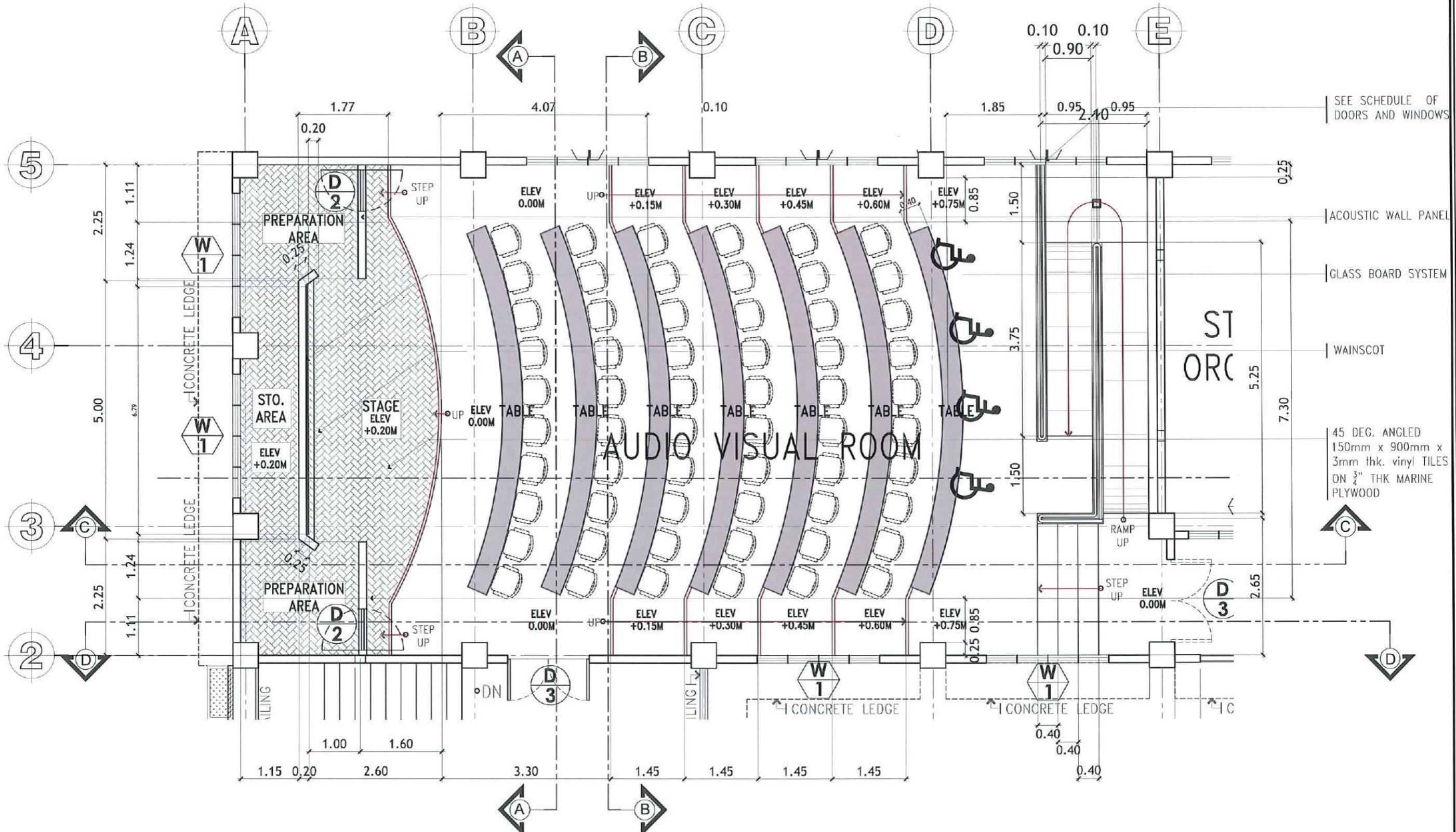
SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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A-42
PAGE NO:
42/163




A V R I N T E R I O R P E R P E C T I V E

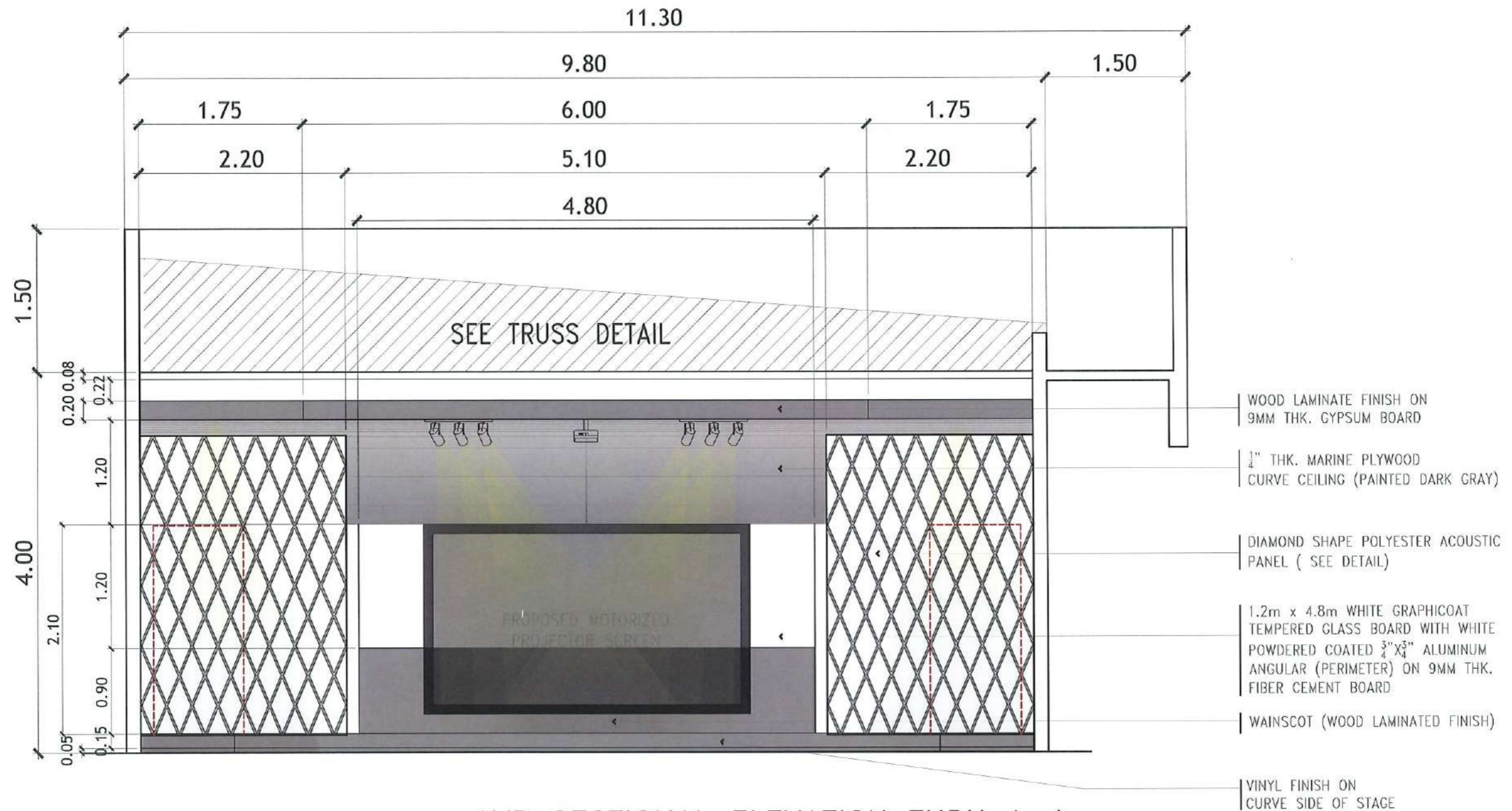
 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
	PROJECT LOCATION:							AS SHOWN	A-44
	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	 DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	 AR. ULYSES B. CALUYA <small>ARCHITECT, FDMO</small>	 AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	 AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	 DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	 DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	DATE: SEPTEMBER 2023	PAGE NO: 44/163



AUDIO VISUAL ROOM FLOOR PLAN
SCALE: 1: 75 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 3100	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-45
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	45/163

NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



AVR SECTIONAL ELEVATION THRU A-A
SCALE: 1:50 METERS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
Dr. Edwin T. Caoleng
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
Ar. Ulysses B. Caluya
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
Ar. Arlen M. Guieb
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
Ar. Cherry L. Fabianes
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
Dr. Grace N. Rosete
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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

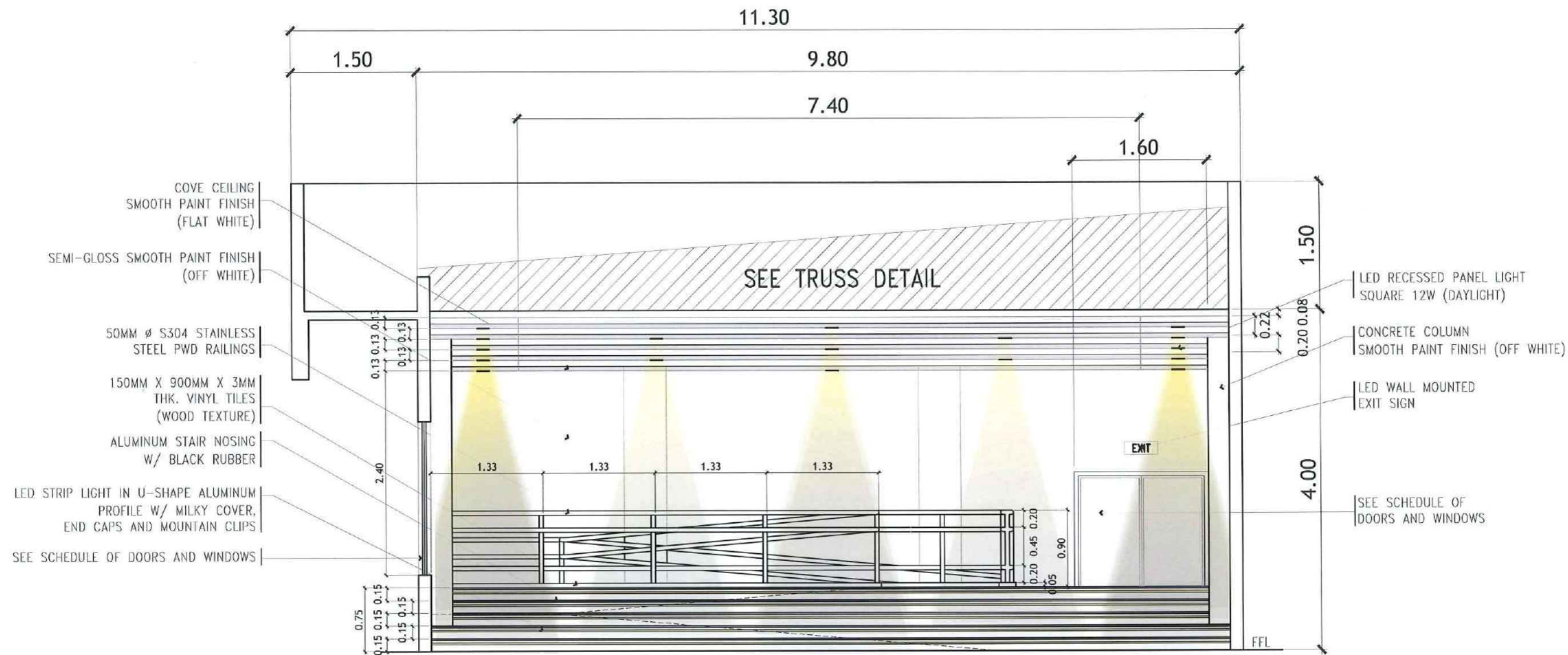
SHEET CONTENTS:
AS SHOWN

DATE: SEPTEMBER 2023








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A-46

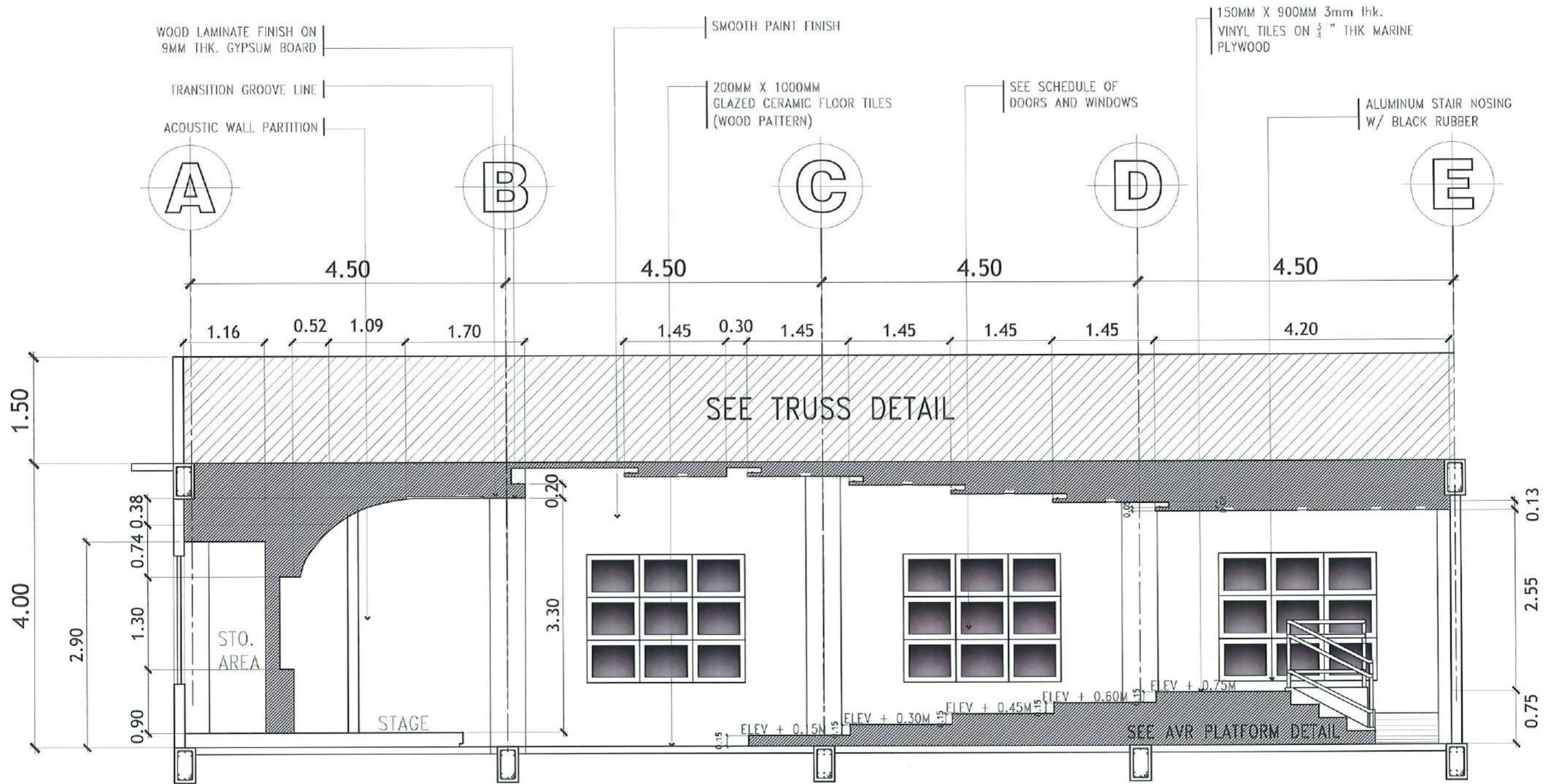
PAGE NO:
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NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



AVR SECTIONAL ELEVATION THRU B-B
SCALE: 1:50 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	 DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	 AR. ULYSSES B. CALDYA <small>ARCHITECT, FDMO</small>	 AR. ARLEN M. GUIOB <small>PLANNING UNIT HEAD, FDMO</small>	 AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	 DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	 DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	AS SHOWN	A-47
	PROJECT LOCATION:							LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DATE: SEPTEMBER 2023



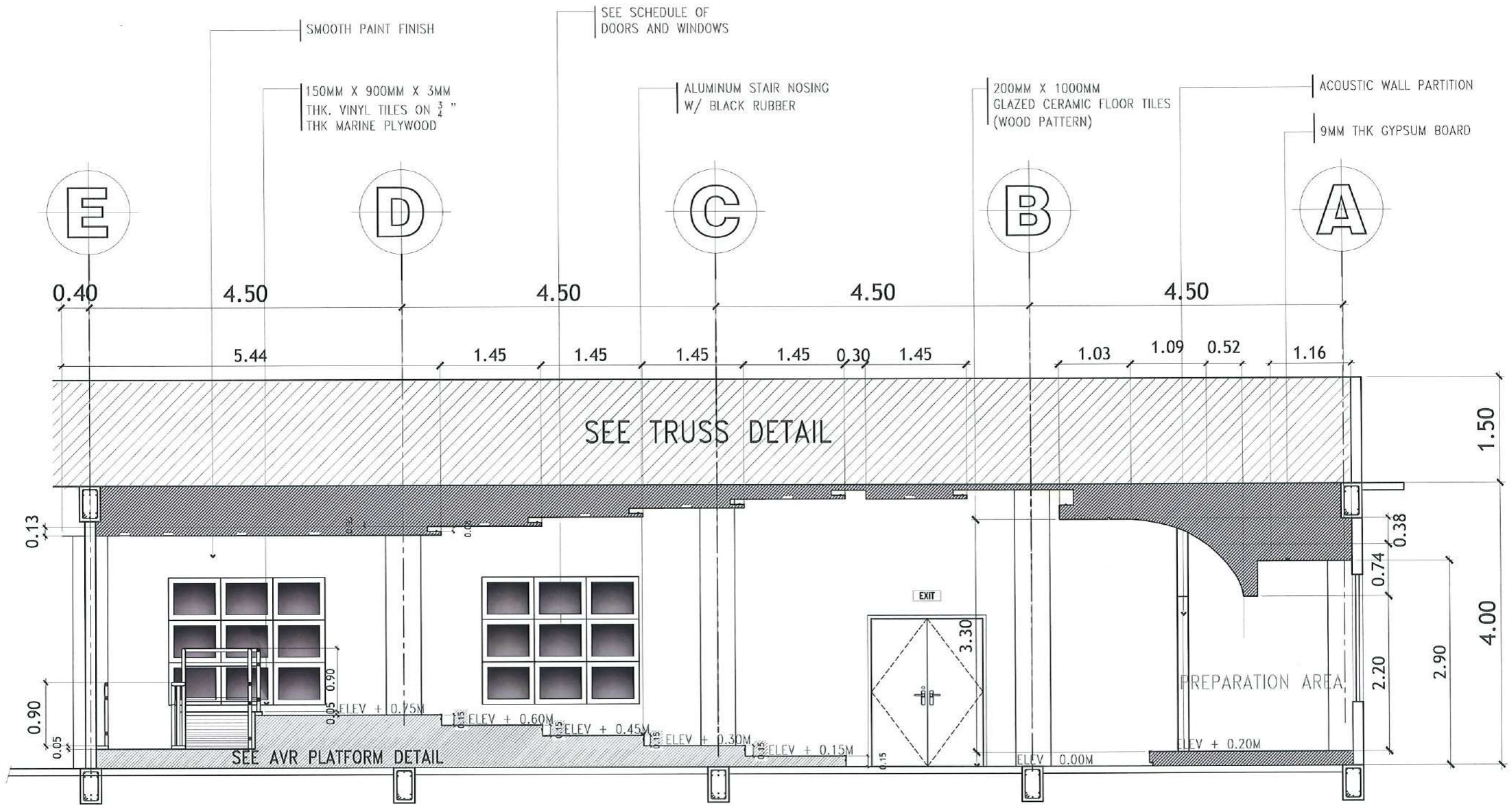
AVR SECTIONAL ELEVATION THRU C-C
 SCALE: 1:75 METERS

NOTE:
 ALL STEEL MEMBERS OF THE
 PLATFORM SHALL BE RED
 OXIDE PRIMER PAINTED.



TARLAC STATE UNIVERSITY
 Facilities Development and
 Management Office
 Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY: AR. ULYSSES B. CALUYA ARCHITECT, FDMO	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL: AR. CHERRY L. FABIANES DIRECTOR, FDMO	APPROVED: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: A-48
DATE: SEPTEMBER 2023								PAGE NO: 48/163	



NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.

AVR SECTIONAL ELEVATION THRU D-D
SCALE: 1:75 METERS



TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Remulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

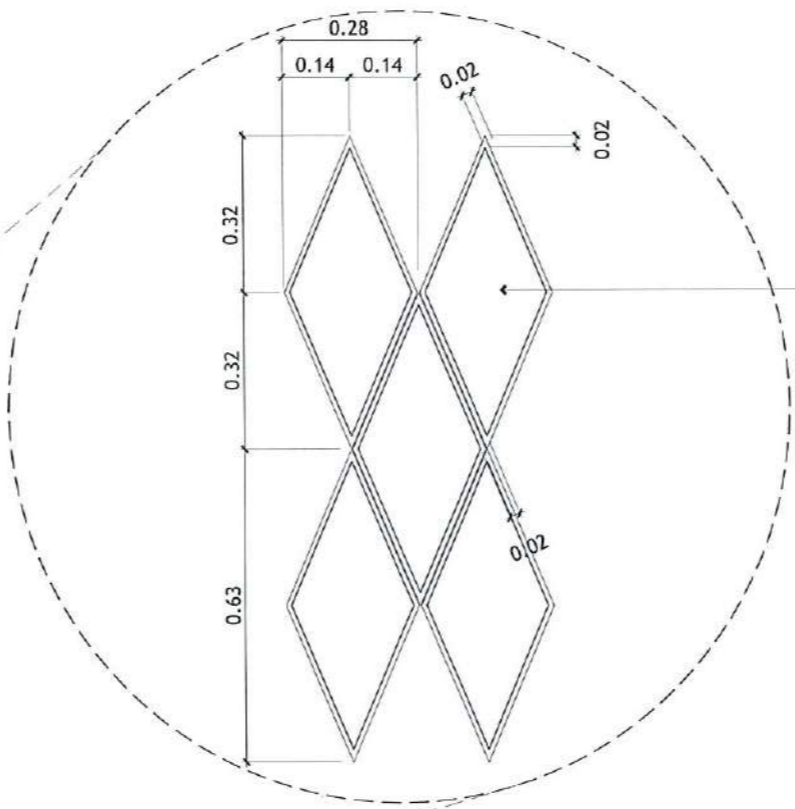
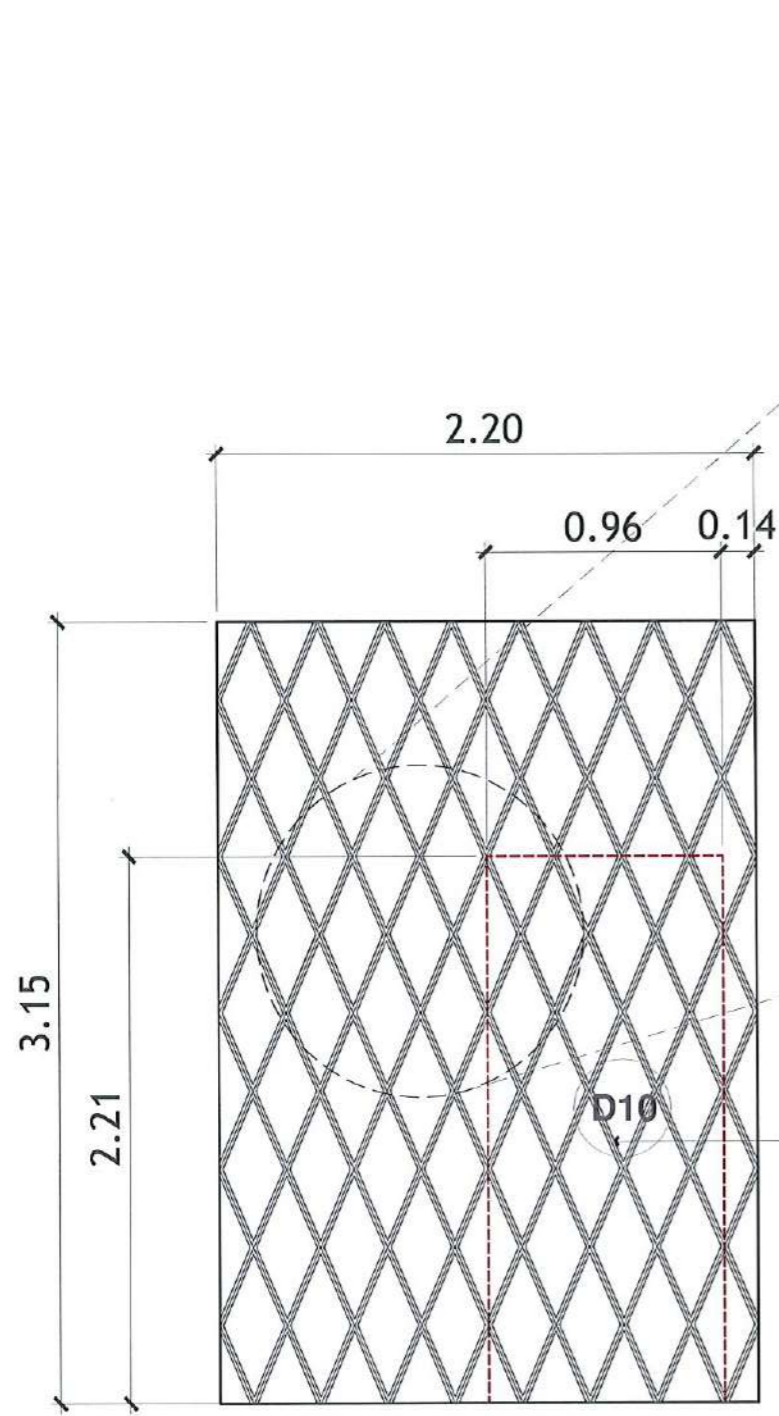
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE M. ROSETÉ
VP ADMINISTRATION AND FINANCE

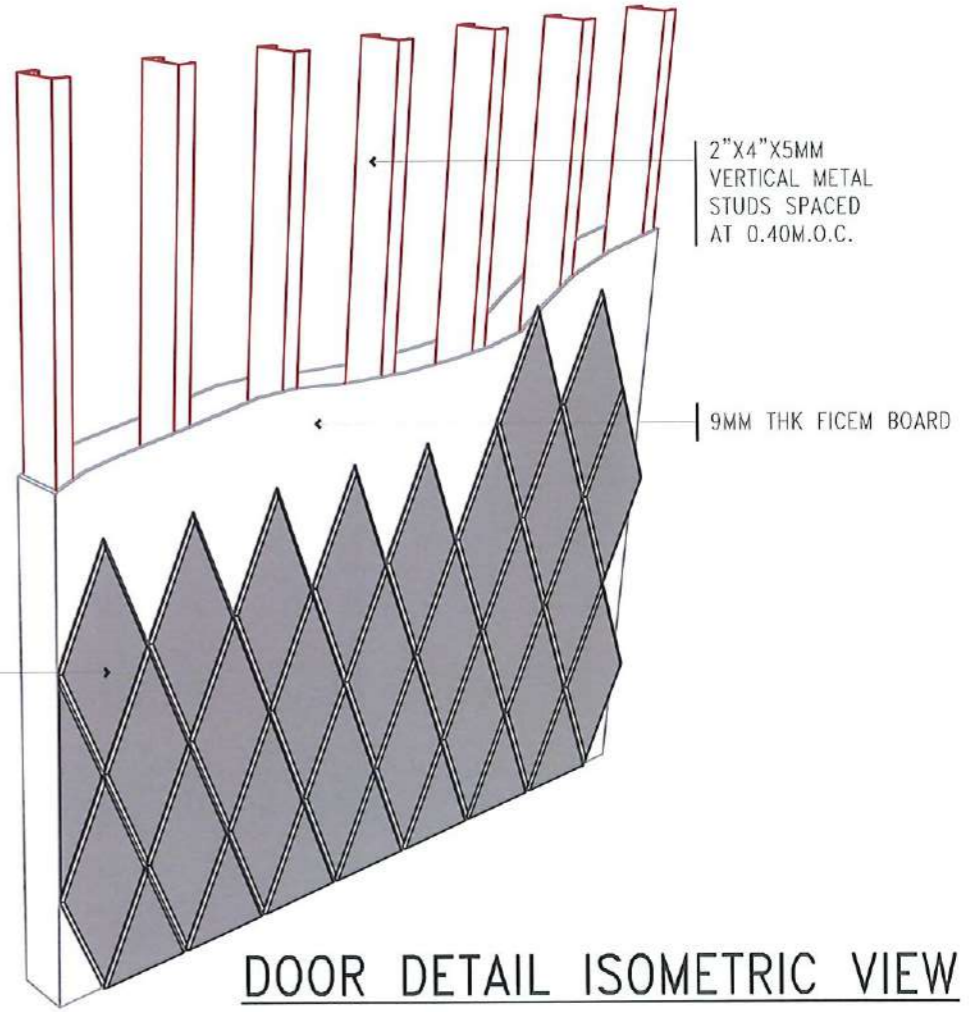
APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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PAGE NO:
49/163




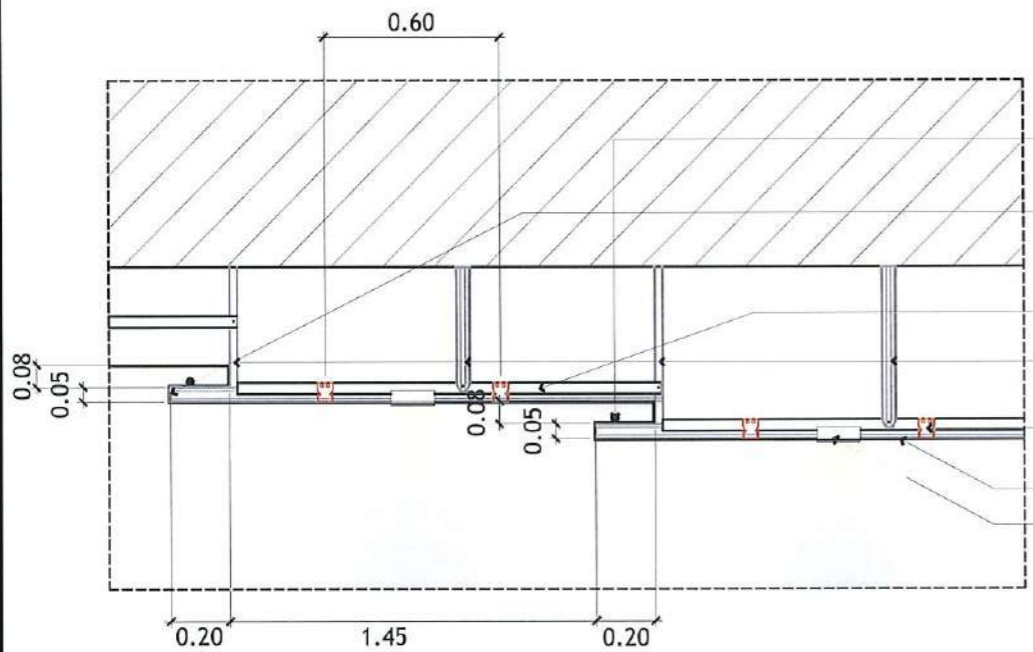
SPOT DETAIL
SCALE 1:15M



DOOR DETAIL ISOMETRIC VIEW

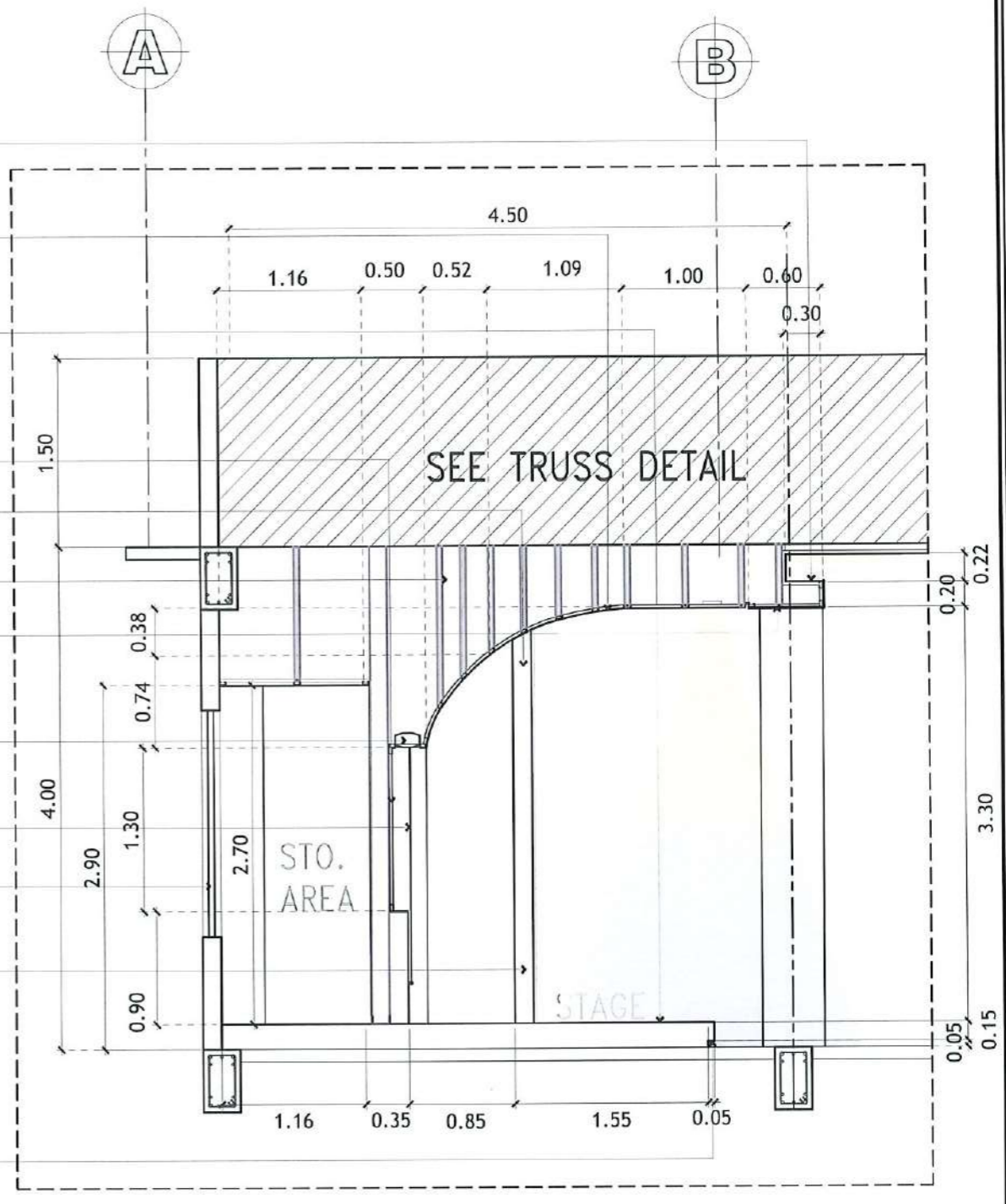
DETAIL DIAMOND CUT POLYESTER ACOUSTIC PANEL WALL
SCALE: 1:30 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2100</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAULENG <small>DEAN, CPAG</small>	AR. ULYSSES B. CALUYA <small>ARCHITECT-FDMO</small>	AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	AS SHOWN	A-50
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	PAGE NO: 50/163



COVE LIGHT CEILING SPOT DETAIL
SCALE: 1:25 METERS

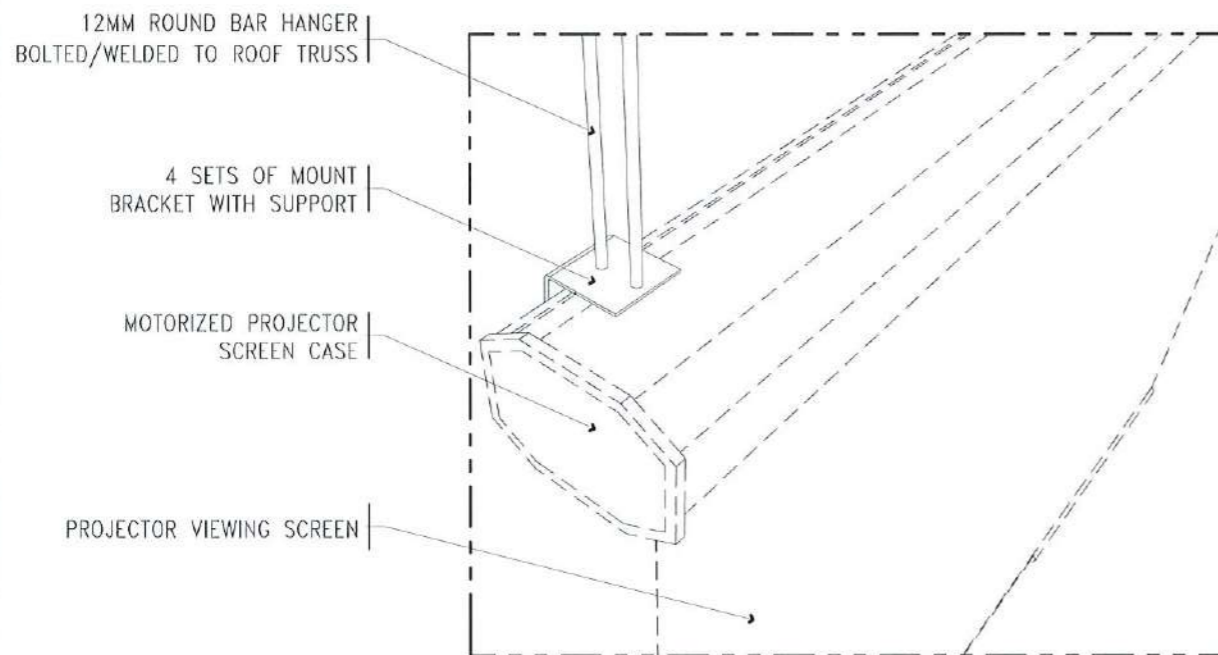
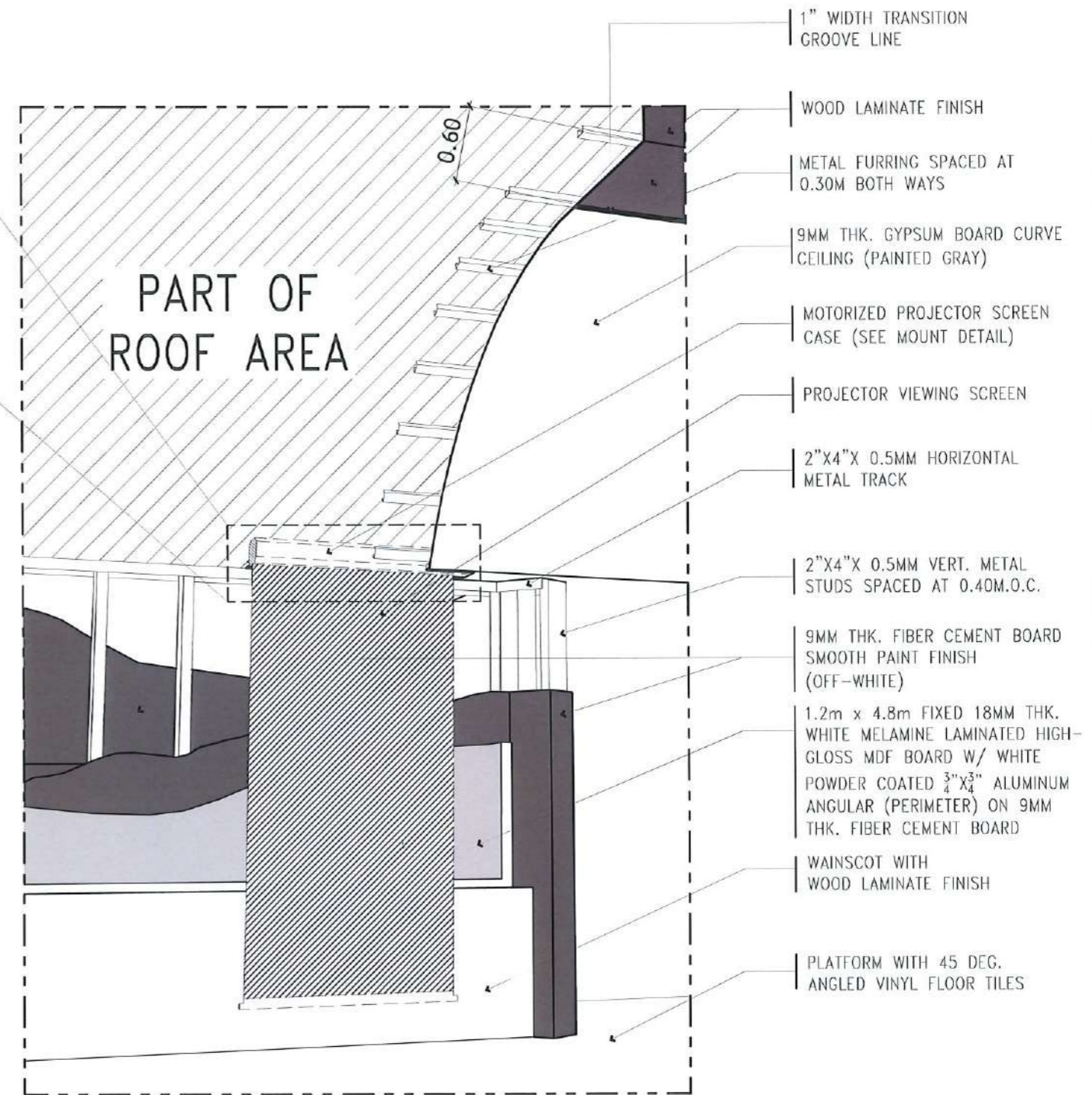
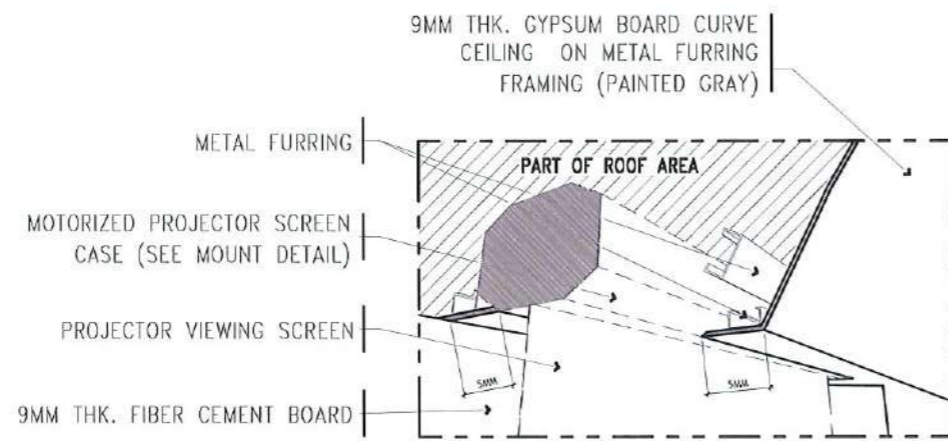
- LED STRIP IP65 FLEXIBLE LIGHT (WARM WHITE)
- 1/4" THK. MARINE PLYWOOD
- 45 DEG. ANGLED 150mm x 900mm x 3mm thk. vinyl TILES ON 1/2" THK MARINE PLYWOOD
- WHITE GRAPHICOAT TEMPERED GLASS BOARD WITH WHITE POWDERED COATED 1/2"x3/4" ALUMINUM ANGULAR (PERIMETER) ON 9MM THK. FIBER CEMENT BOARD
- 2"x4"x5MM VERT. METAL STUDS SPACED AT 0.40M.O.C. BOTH WAYS
- METAL FURRING HANGER
- WOOD LAMINATE FINISH ON 9MM THK GYPSUM BOARD
- LED STRIP IP65 FLEXIBLE LIGHT (WARM WHITE)
- METAL FURRING
- CARRYING CHANNEL
- METAL FURRING (CONNECTED TO TRUSSES)
- W-CLIP
- 9MM THK GYPSUM BOARD
- LED RECESSED PANEL LIGHT SQUARE 12W (DAYLIGHT)
- MOTORIZED PROJECTOR MOTOR (SEE SPECS)
- MOTORIZED PROJECTOR SCREEN (SEE SPECS)
- SEE SCHEDULE OF DOORS AND WINDOWS
- ACOUSTIC WALL PARTITION MADE OF 9MM THK. DIAMOND CUT POLYESTER ACOUSTIC PANEL (BEVELED EDGES) MADE OF 100% PET (POLYETHELENE TEREPHTHALATE) INSTALLED ON DRY WALL USING LIQUID NAIL
- LED STRIP IP65 FLEXIBLE LIGHT (WARM WHITE)










STAGE SECTIONAL SPOT DETAIL
SCALE: 1:50 METERS

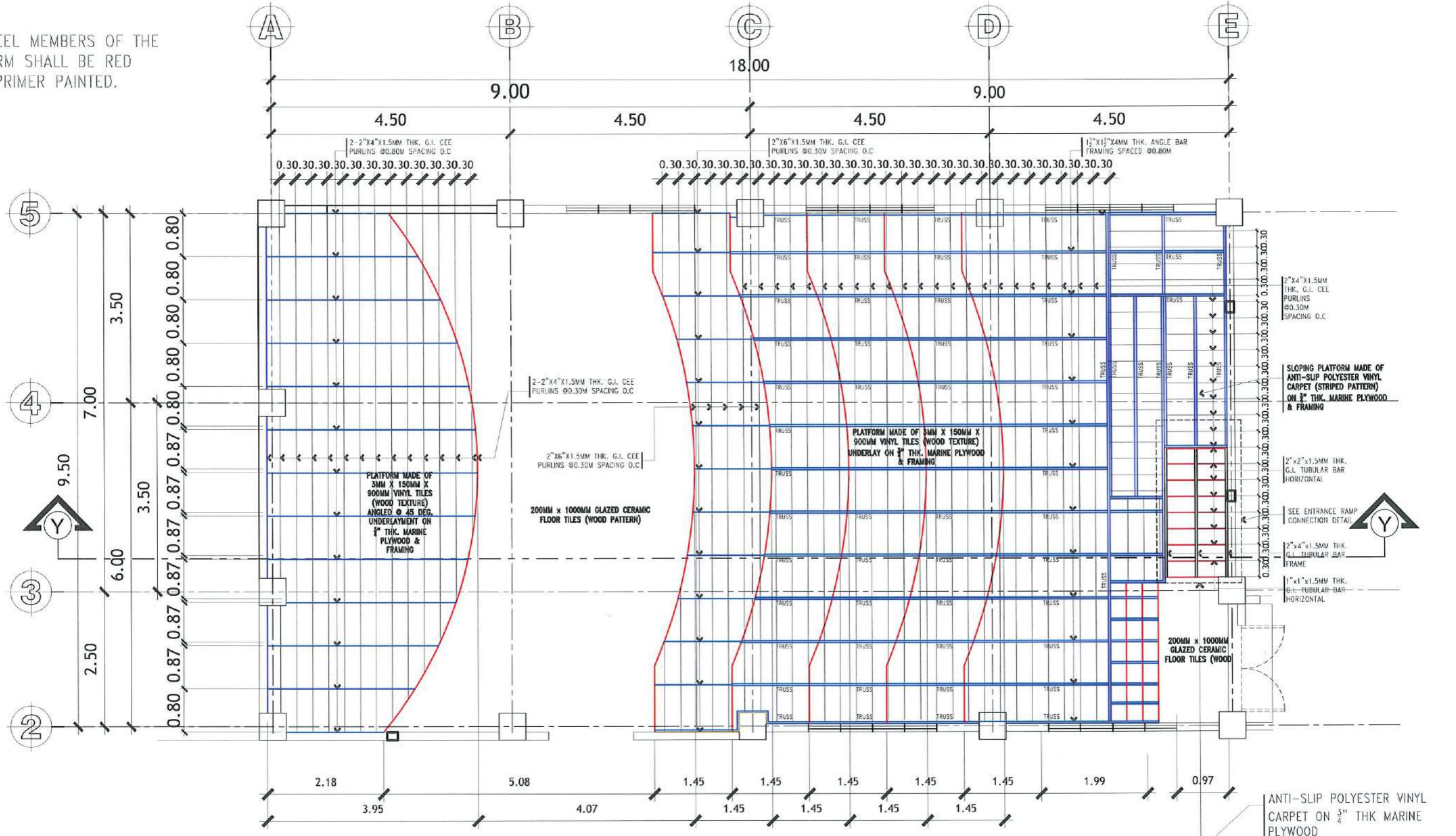


PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY: AR. ULYSSES B. CALUYA ARCHITECT-FBMD	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FBMD	RECOMMENDING APPROVAL: AR. CHERRY L. FABIANES DIRECTOR, FBMD	APPROVED: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: A-51
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO.: 51/163

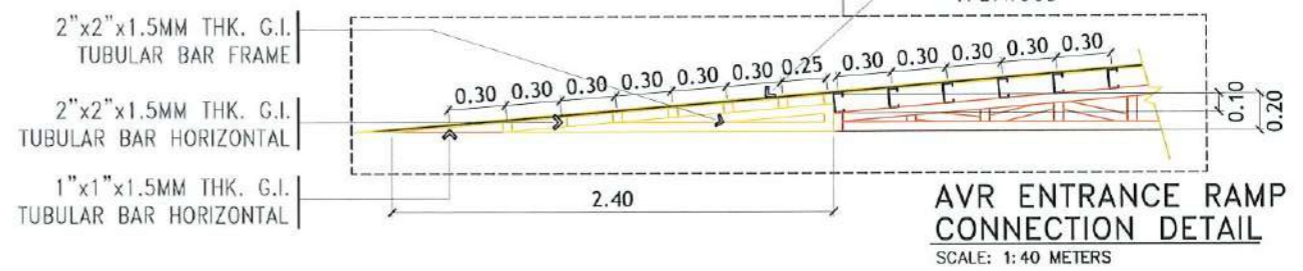


 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	 DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	 AR. ULYSSES B. CALUYA <small>ARCHITECT, FDMO</small>	 AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	 AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	 DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	 DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	AS SHOWN	A-52
								DATE: SEPTEMBER 2023	PAGE NO.:
									52/163

NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



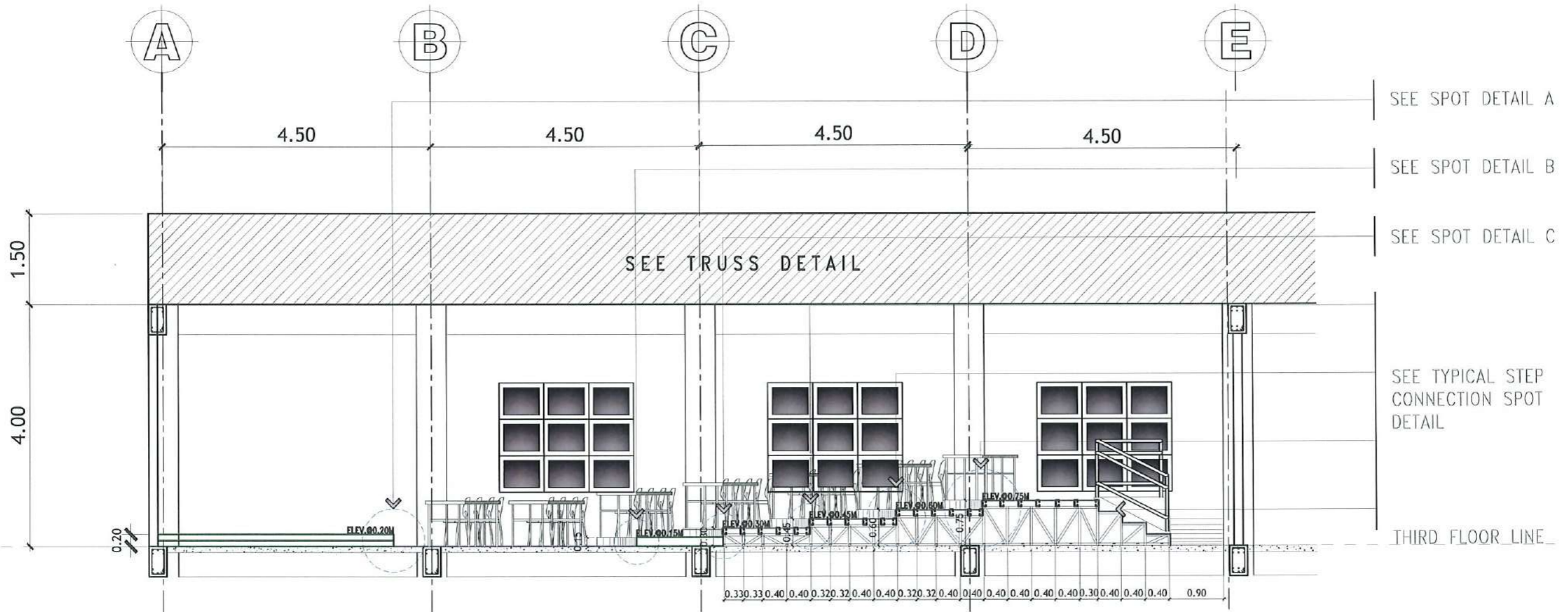
AVR PLATFORM FRAMING PLAN
SCALE: 1:75 METERS




AVR ENTRANCE RAMP CONNECTION DETAIL
SCALE: 1:40 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-53
								DATE: SEPTEMBER 2023	PAGE NO. 53/163

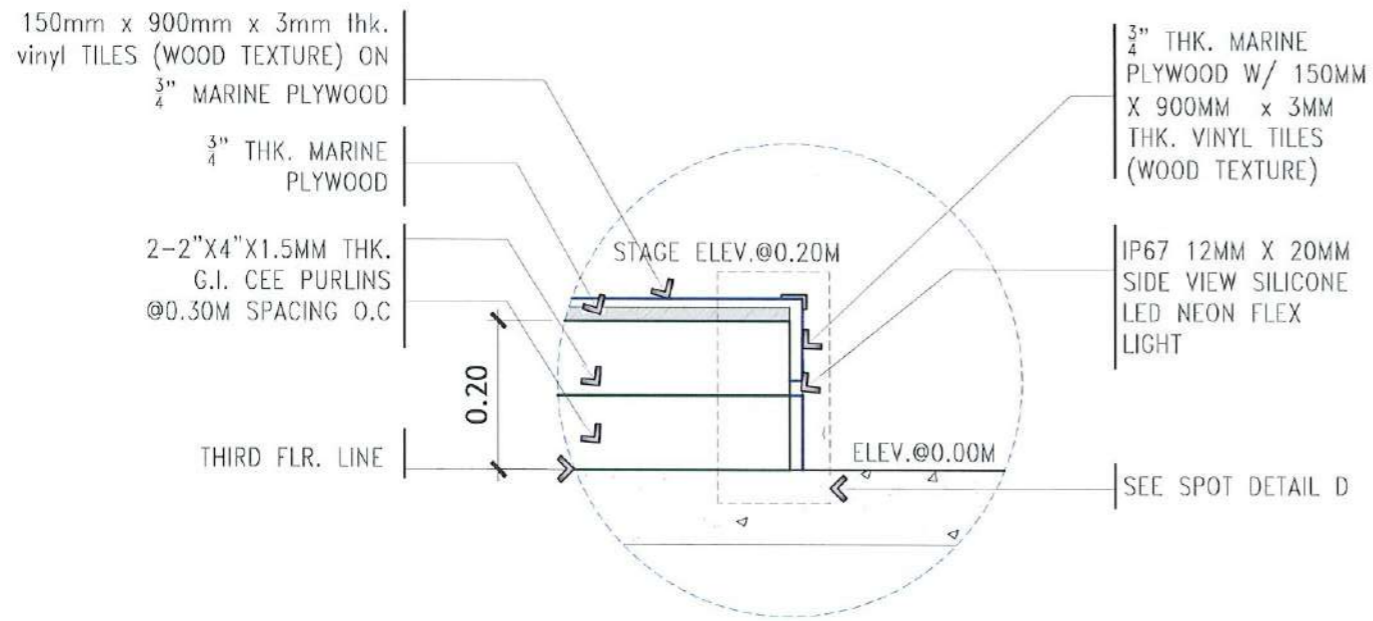
NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



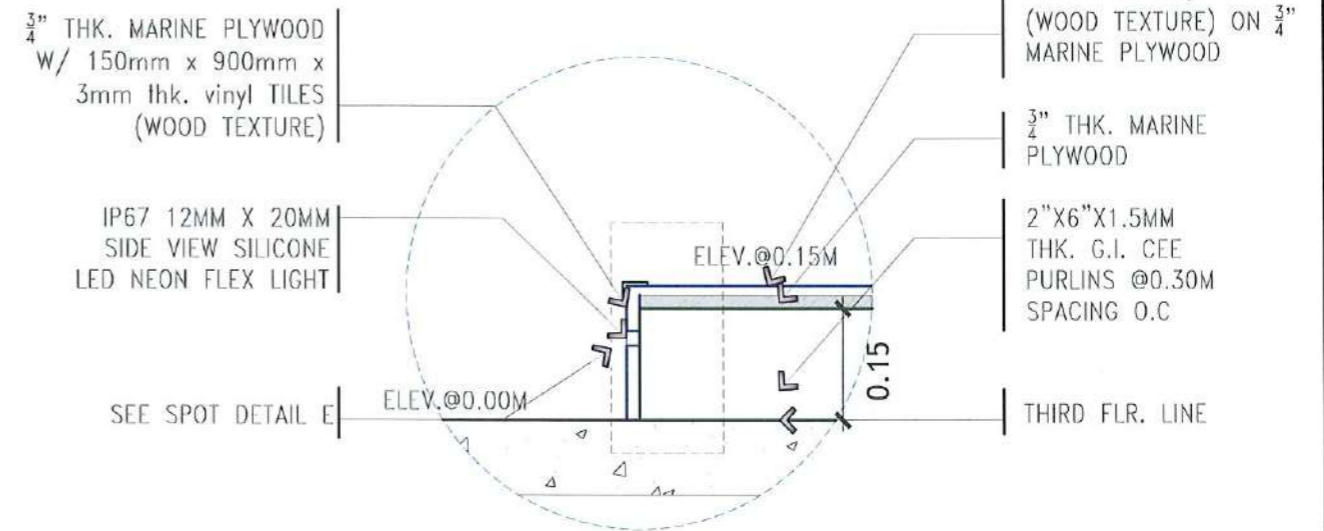
SECTIONAL ELEVATION THRU Y-Y
SCALE: 1:75 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Homulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-54
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO.: 54/163

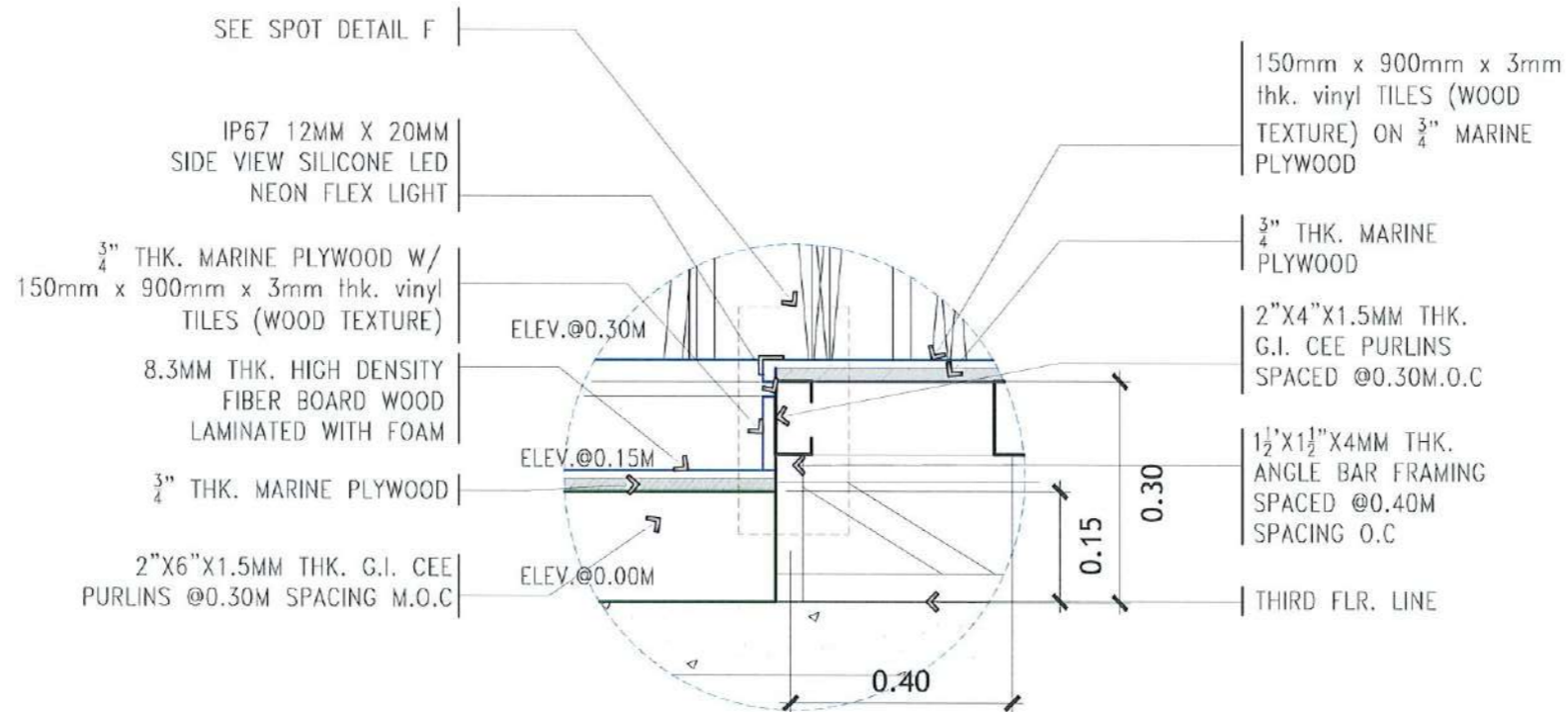
NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



SPOT DETAIL A
SCALE: 1:10 METERS



SPOT DETAIL B
SCALE: 1:10 METERS



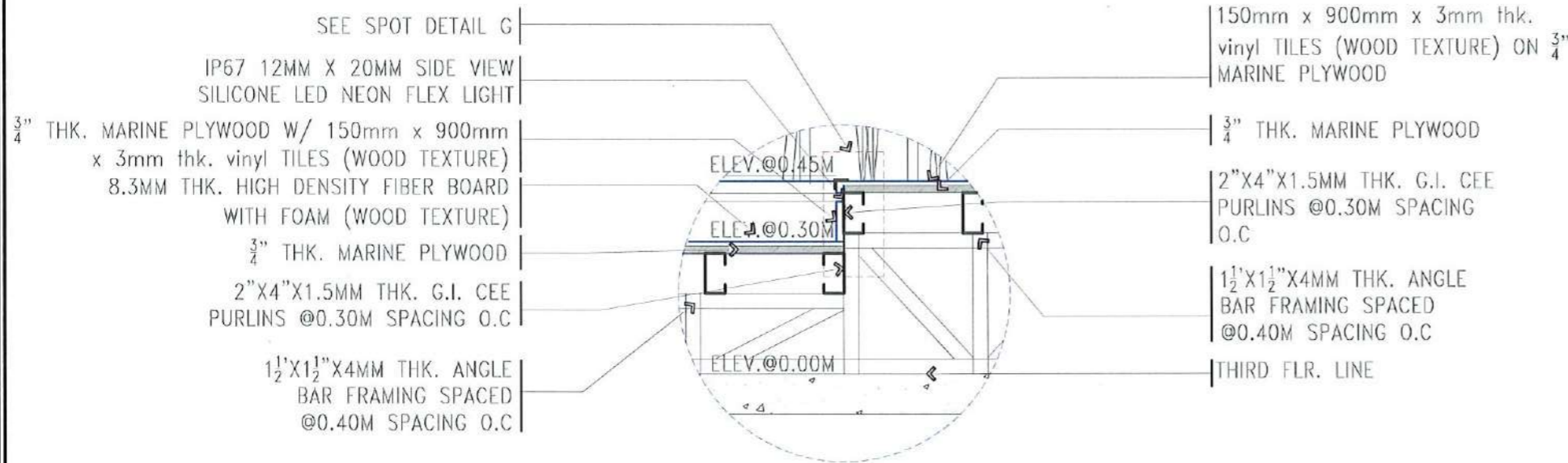
SPOT DETAIL C
SCALE: 1:10 METERS



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Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 2100

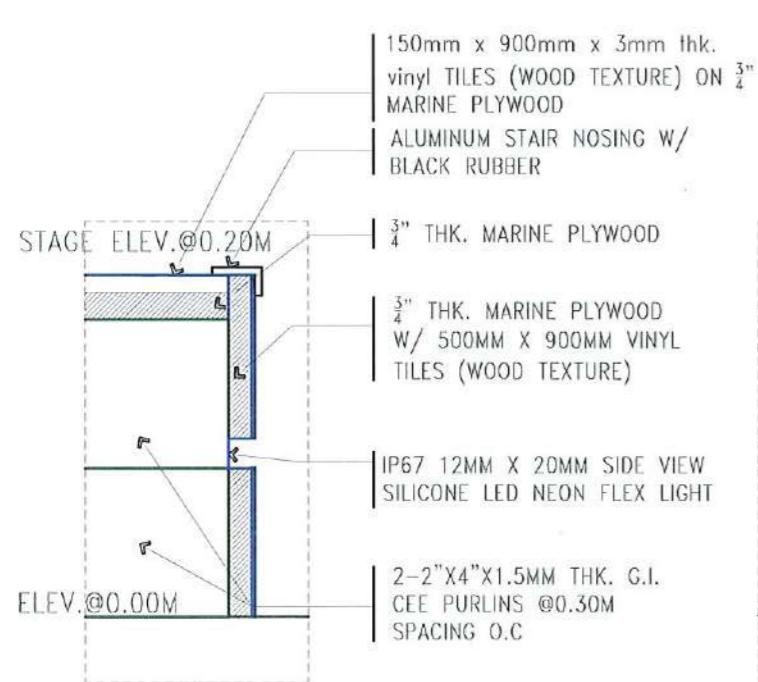
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-55
							DATE: SEPTEMBER 2023	PAGE NO: 55/163

NOTE:
ALL STEEL MEMBERS OF THE
PLATFORM SHALL BE RED
OXIDE PRIMER PAINTED.



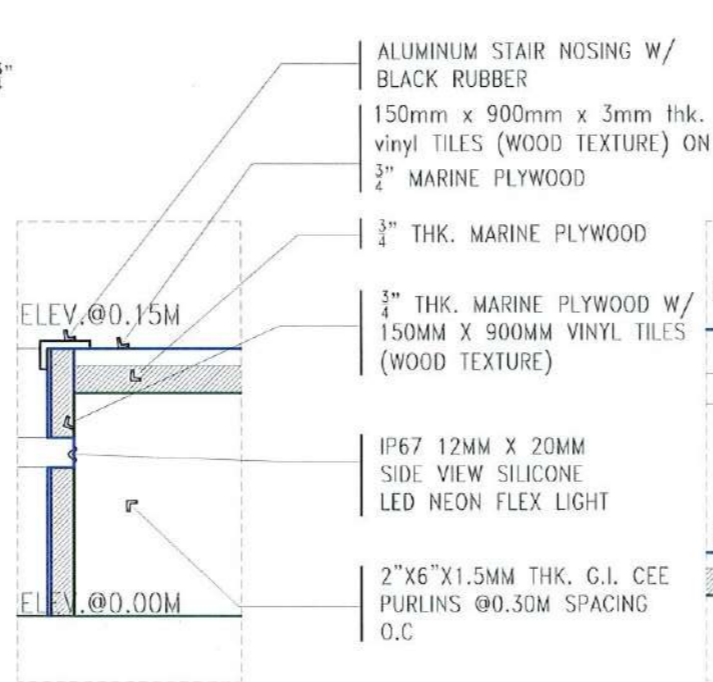
TYPICAL STEP CONNECTION SPOT DETAIL

SCALE: 1:15 METERS



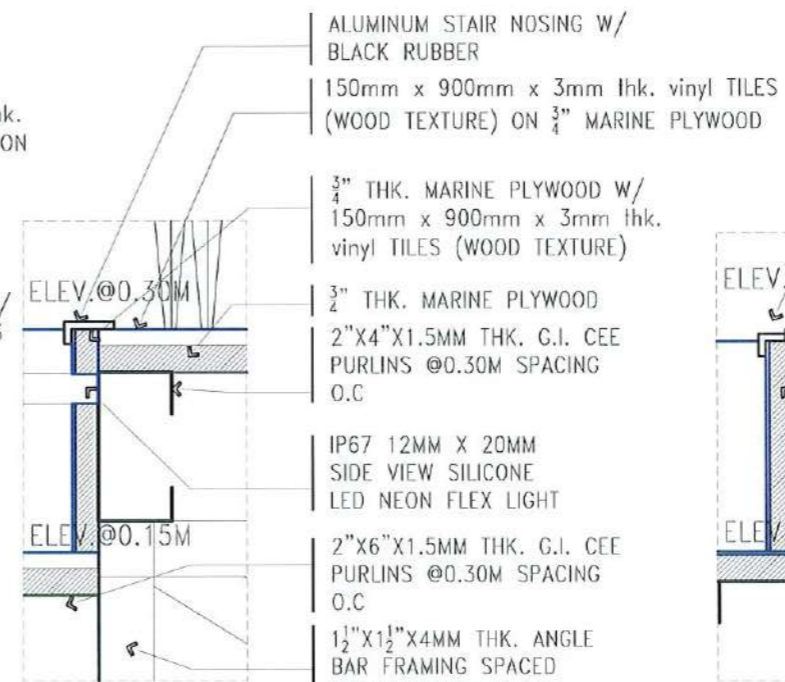
SPOT DETAIL D

SCALE: 1:15 METERS



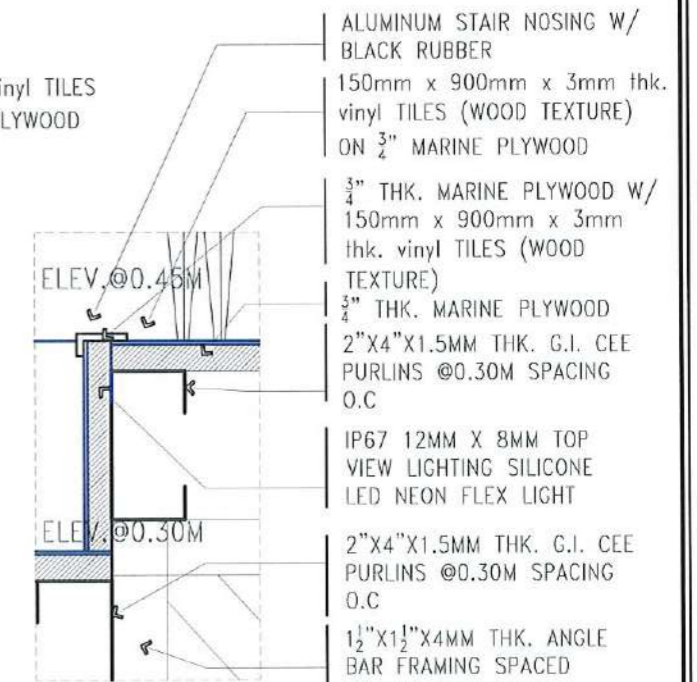
SPOT DETAIL E

SCALE: 1:15 METERS




SPOT DETAIL F

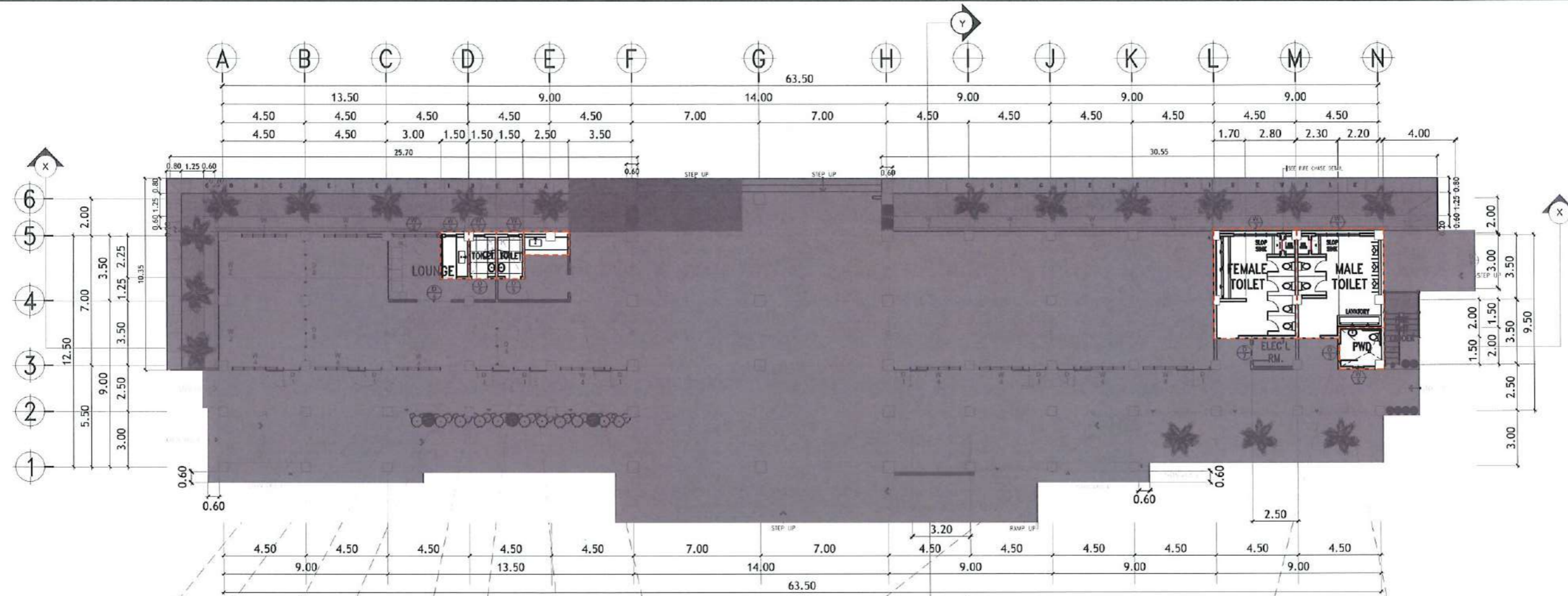
SCALE: 1:15 METERS



SPOT DETAIL G

SCALE: 1:15 METERS

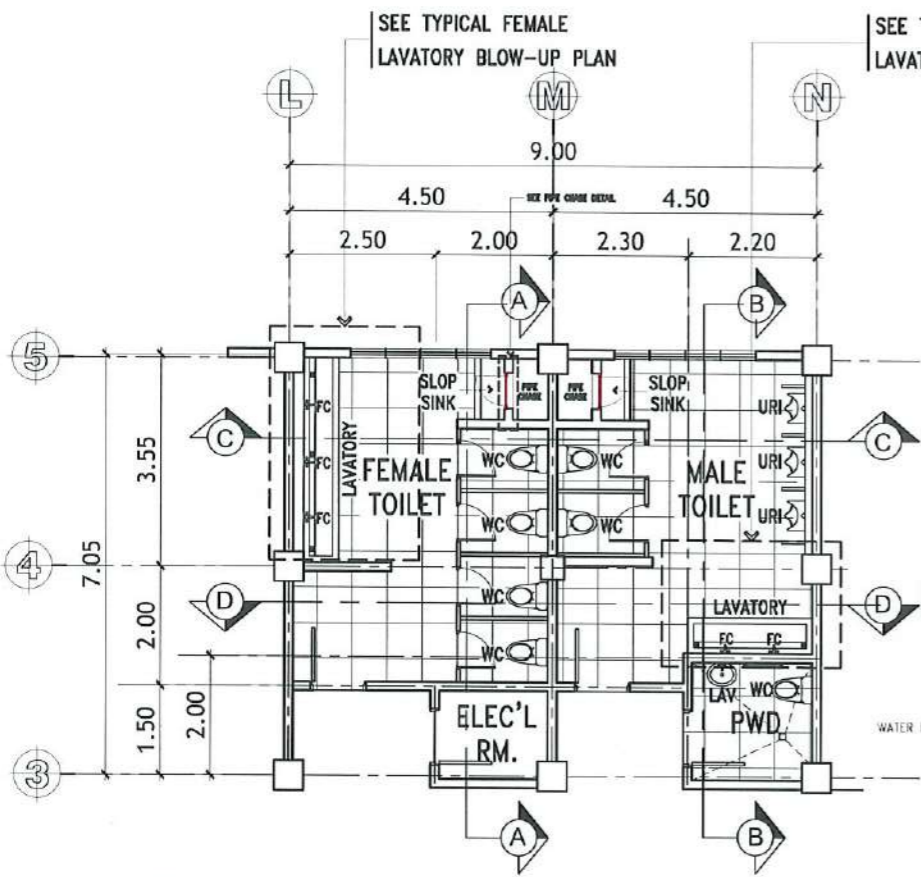
 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-56
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO: 56/163



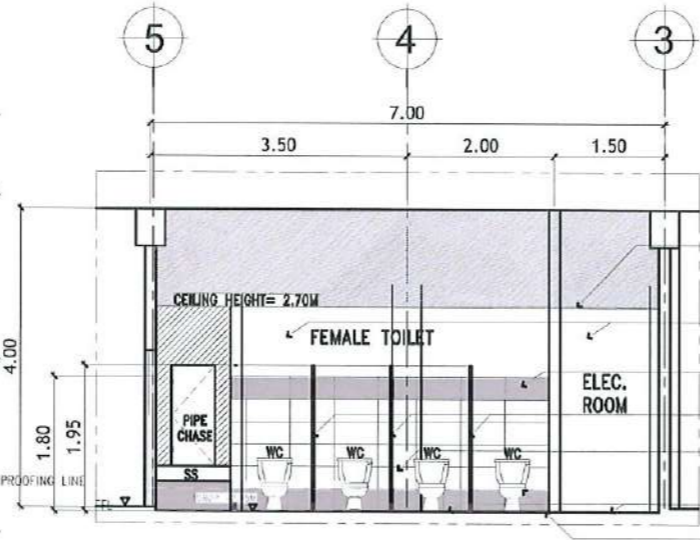
SEE BLOW-UP DEANS LAVATORY PLAN AND DETAILS	SEE BLOW-UP DEANS OFFICE TOILET PLAN AND DETAILS	SEE BLOW-UP FACULTY ROOM TOILET PLAN AND DETAILS	SEE BLOW-UP FACULTY ROOM LAVATORY PLAN AND DETAILS	SEE BLOW-UP TYPICAL BLOW-UP PLAN AND DETAILS	SEE BLOW-UP PWD PLAN AND DETAILS

COMFORT ROOM KEY PLAN
SCALE: 1: NTS

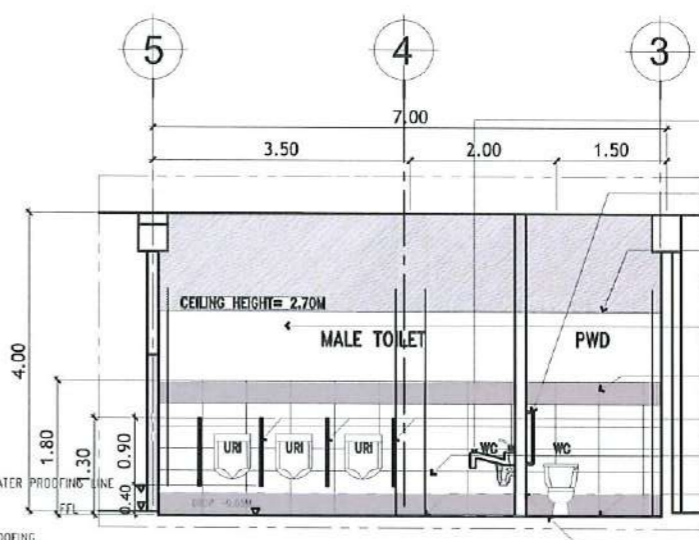
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLING DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-57
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 57/163



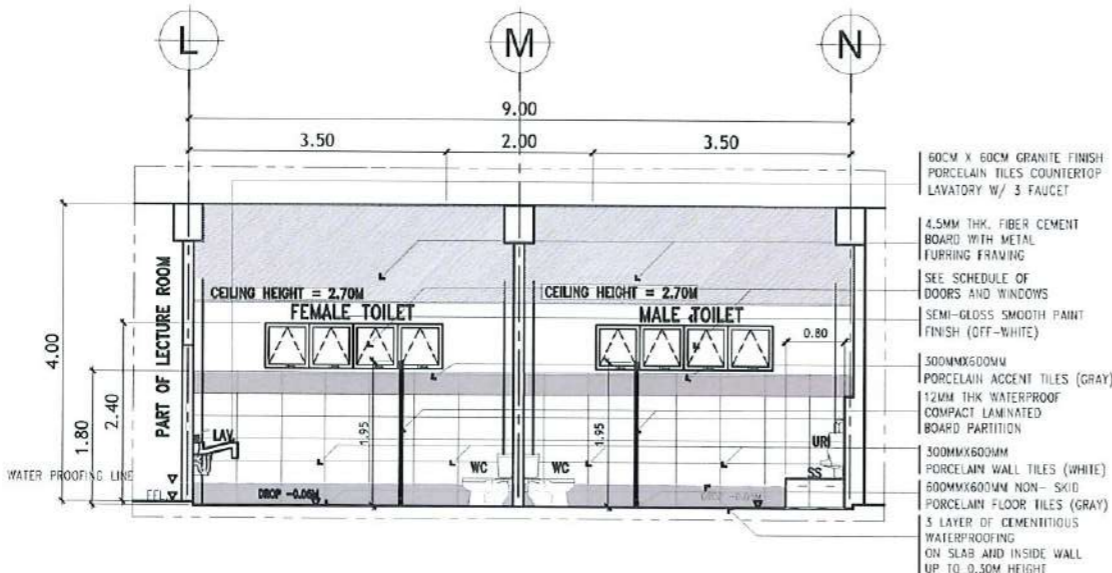
TYPICAL TOILET BLOW-UP PLAN
SCALE: 1:25 METERS



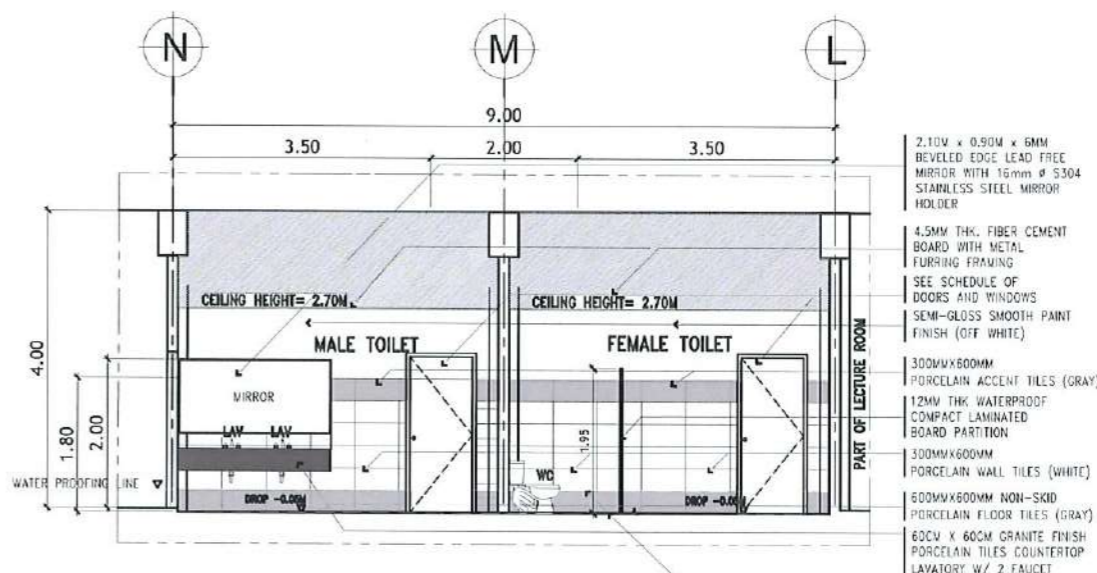
BLOW-UP DETAIL OF FEMALE TOILET SECTIONAL ELEVATION @ A
SCALE 1:100M



BLOW-UP DETAIL OF MALE TOILET SECTIONAL ELEVATION @ B
SCALE 1:100M



BLOW-UP DETAIL OF MALE AND FEMALE TOILET SECTIONAL ELEVATION @ C
SCALE 1:100M



BLOW-UP DETAIL OF MALE AND FEMALE TOILET SECTIONAL ELEVATION @ D
SCALE 1:100M



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Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE: DR. EDWIN T. CAOLENG
DEAN CPAG

PREPARED BY: AR. ULYSSES B. CALUYA
ARCHITECT-FDMO

CHECKED BY: AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

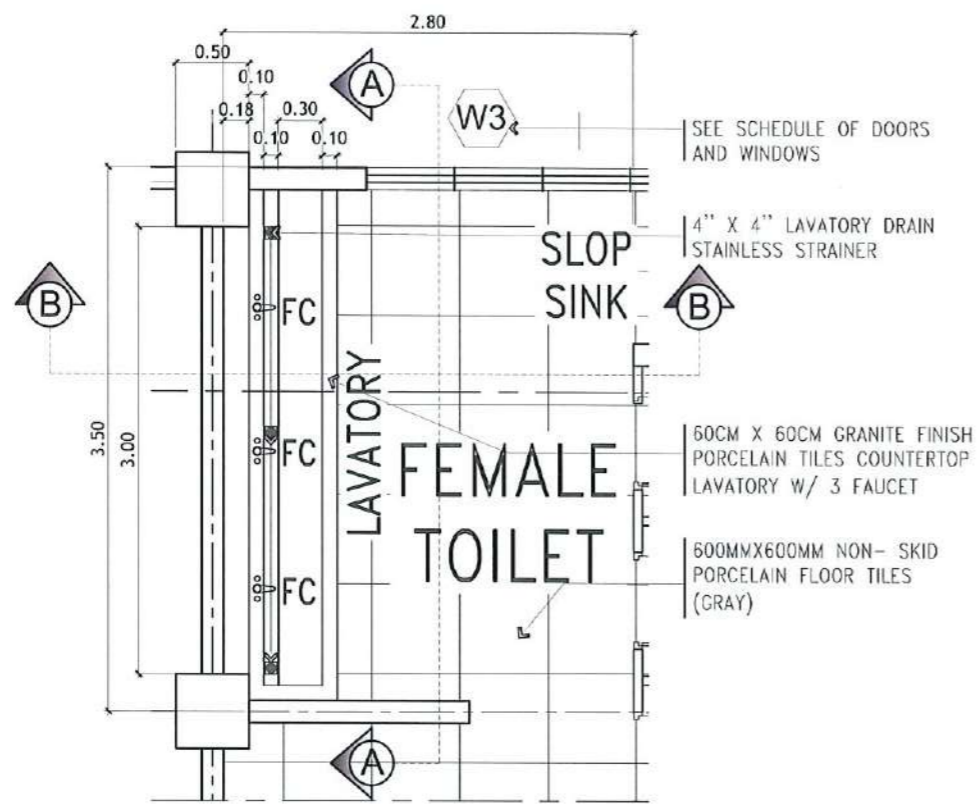
CERTIFIED BY: AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL: DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

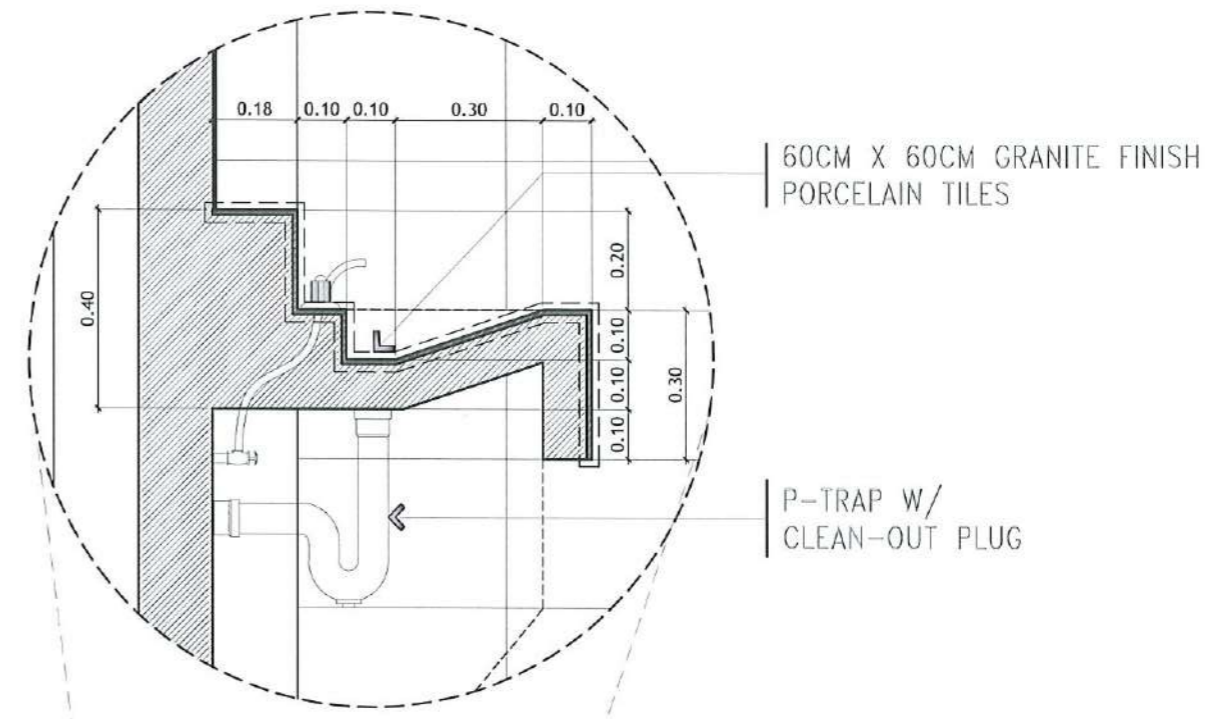
APPROVED: DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS: AS SHOWN
DATE: SEPTEMBER 2023

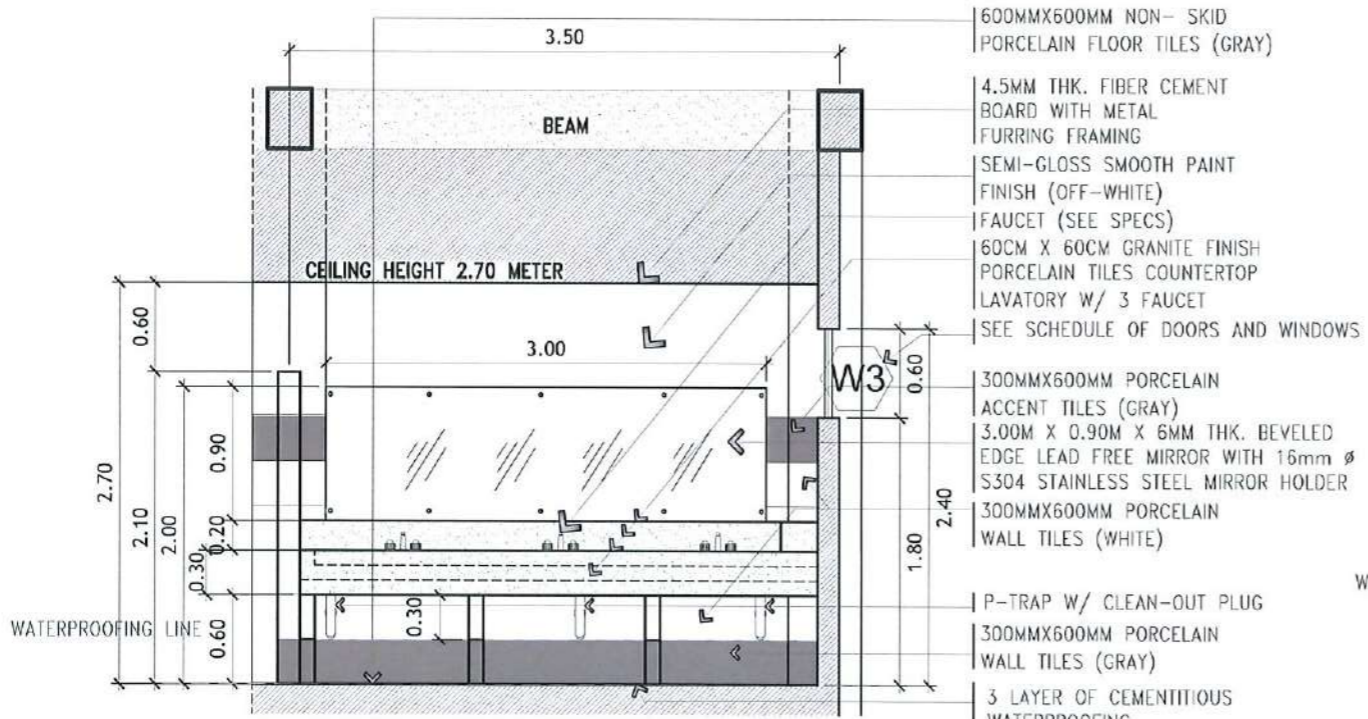
SHEET NO: A-58
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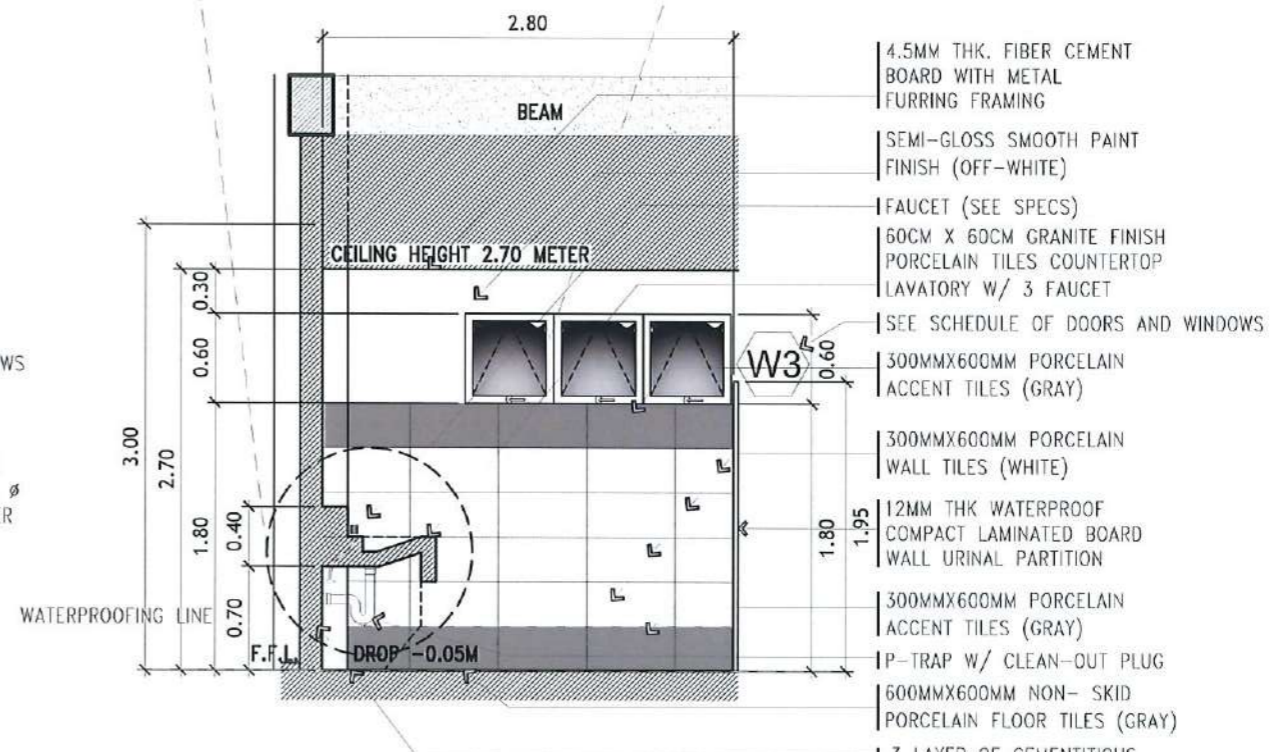
TYPICAL FEMALE LAVATORY BLOW-UP PLAN
SCALE: 1:50 METERS



LAVATORY DETAIL
SCALE: 1:15 METERS

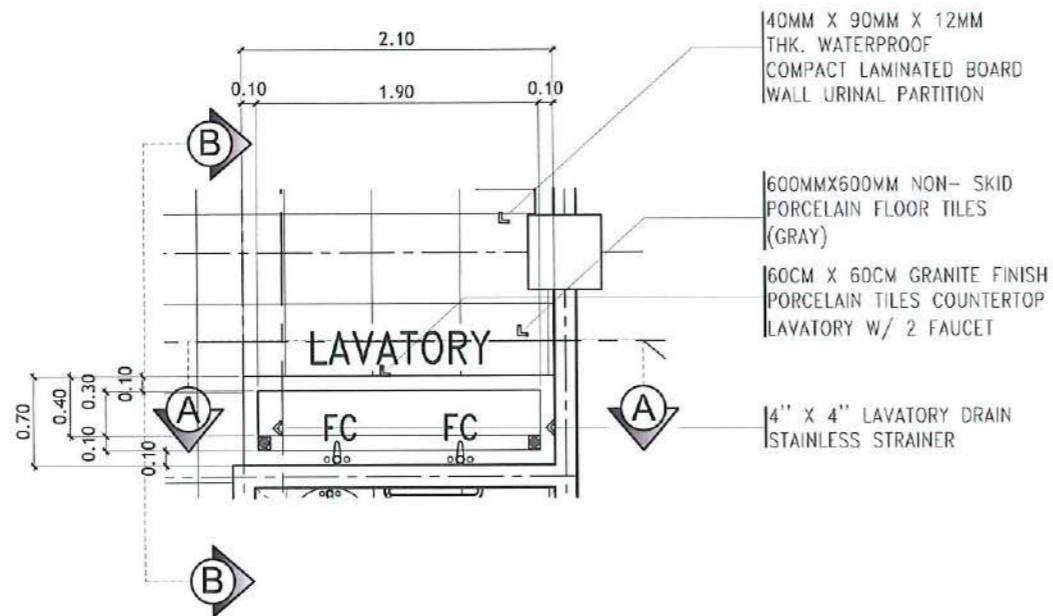


SECTIONAL ELEVATION A
SCALE: 1:50 METERS



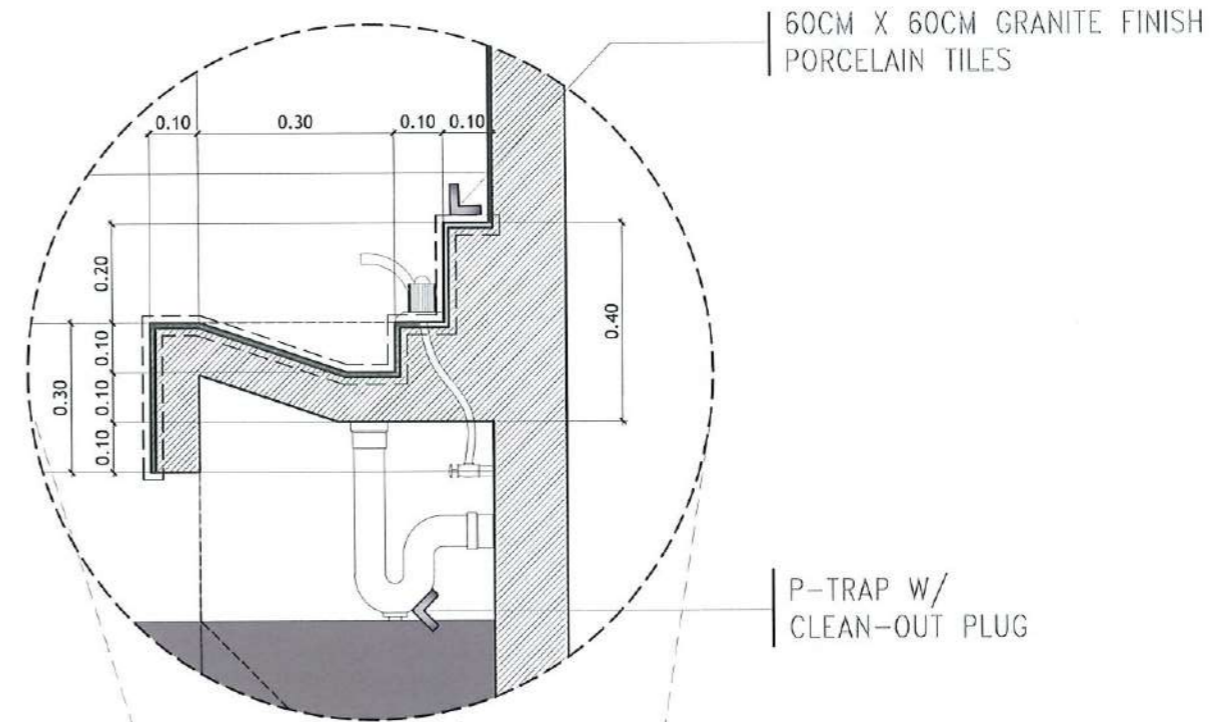
SECTIONAL ELEVATION B
SCALE: 1:50 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN T. CADLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-59
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO. 59/163



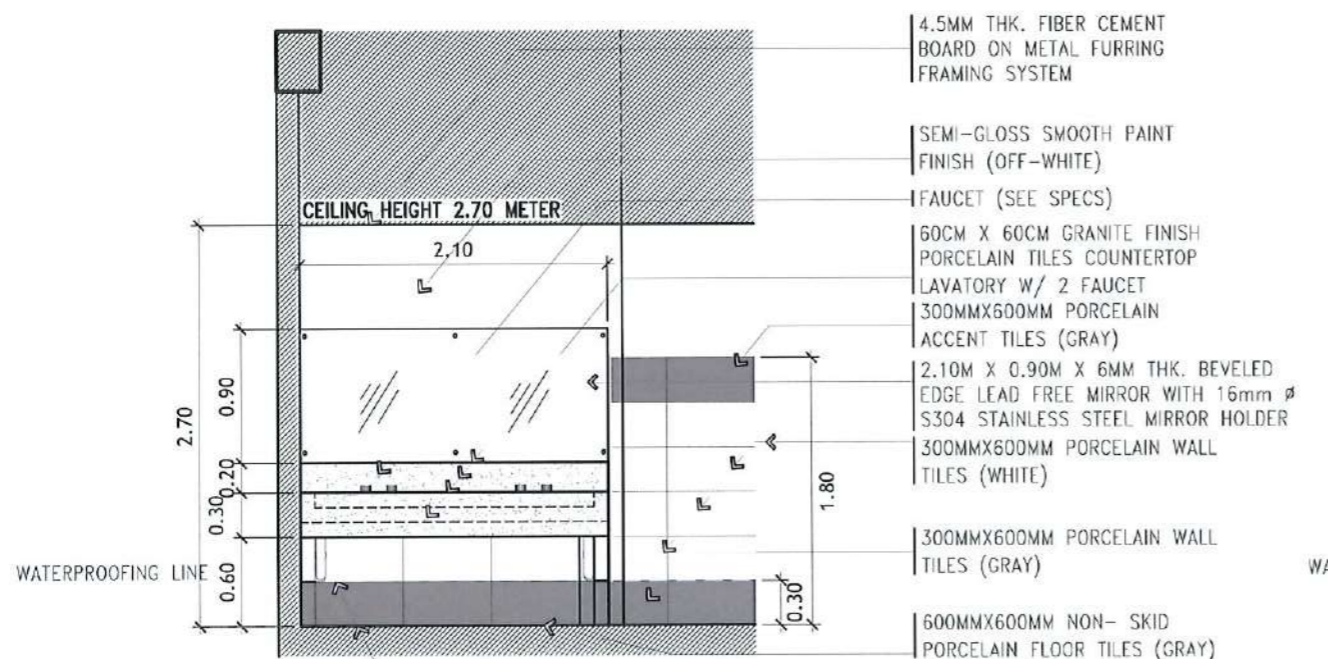
TYPICAL MALE LAVATORY BLOW-UP PLAN

SCALE: 1:50 METERS



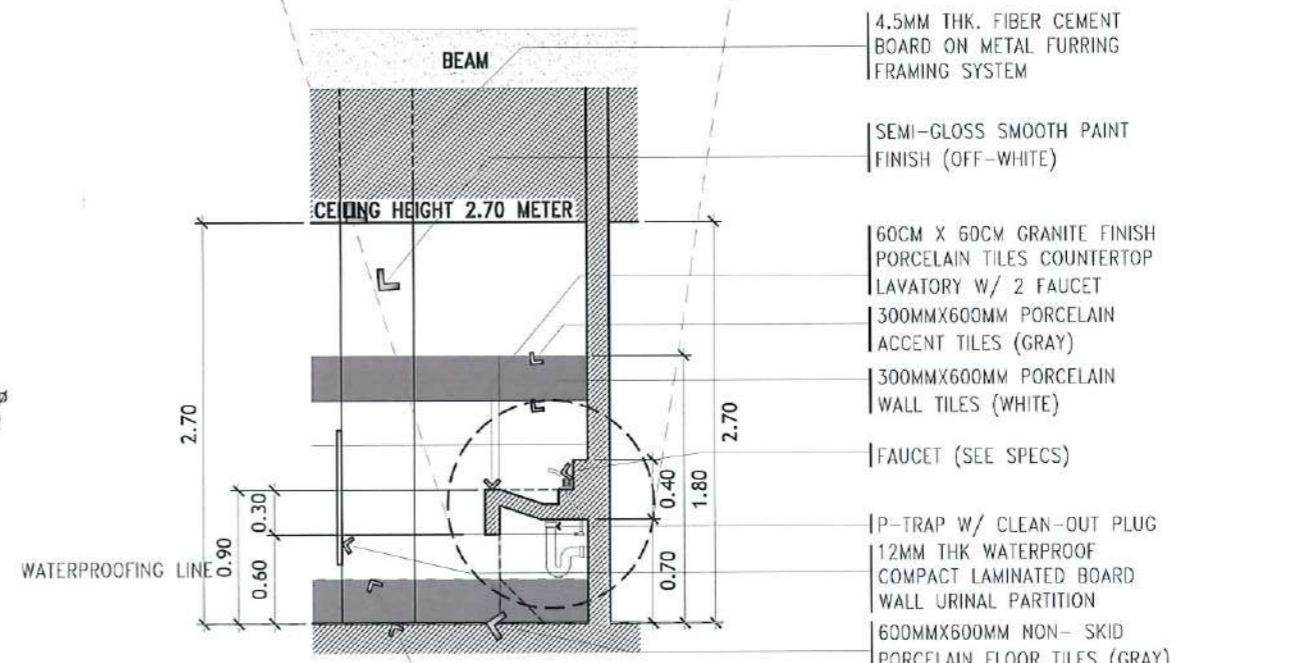
LAVATORY DETAIL

SCALE: 1:15 METERS



SECTIONAL ELEVATION A

SCALE: 1:50 METERS



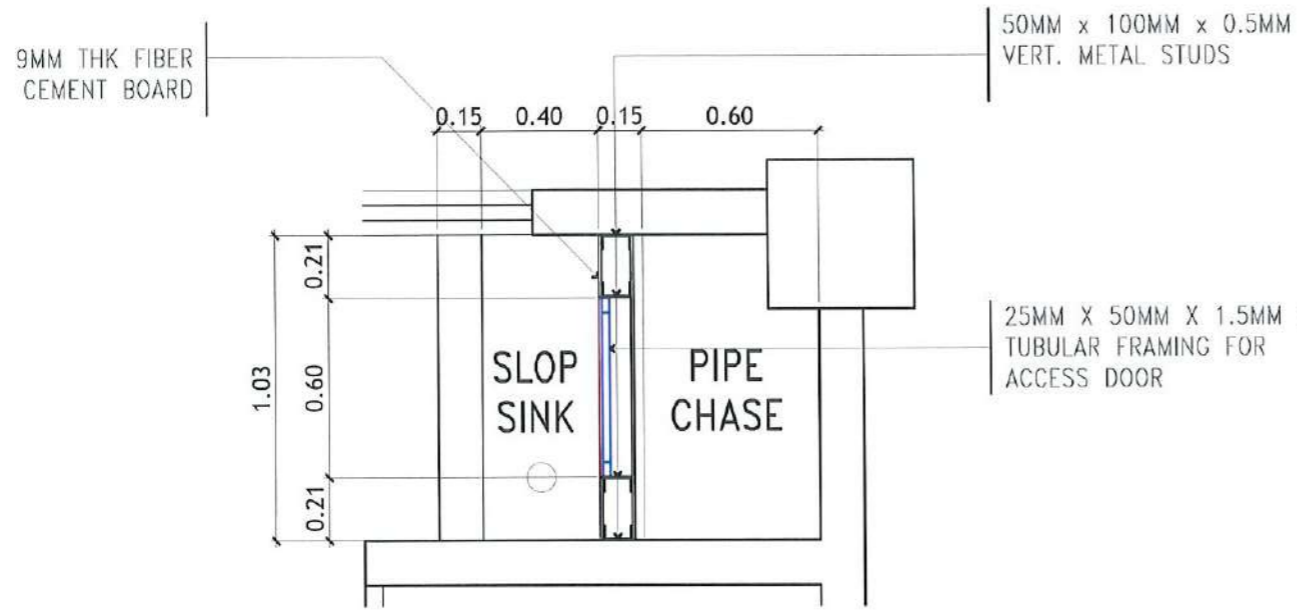
SECTIONAL ELEVATION B

SCALE: 1:50 METERS

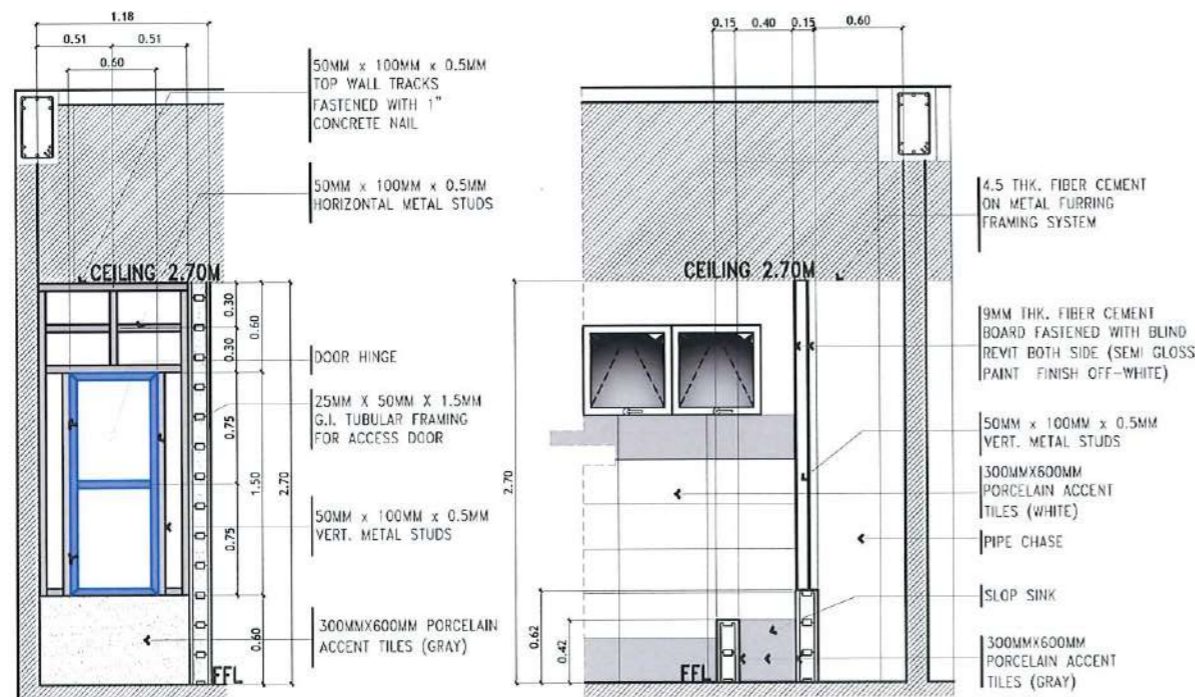


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Romulo Socorod, Tarlac City, Philippines 2300

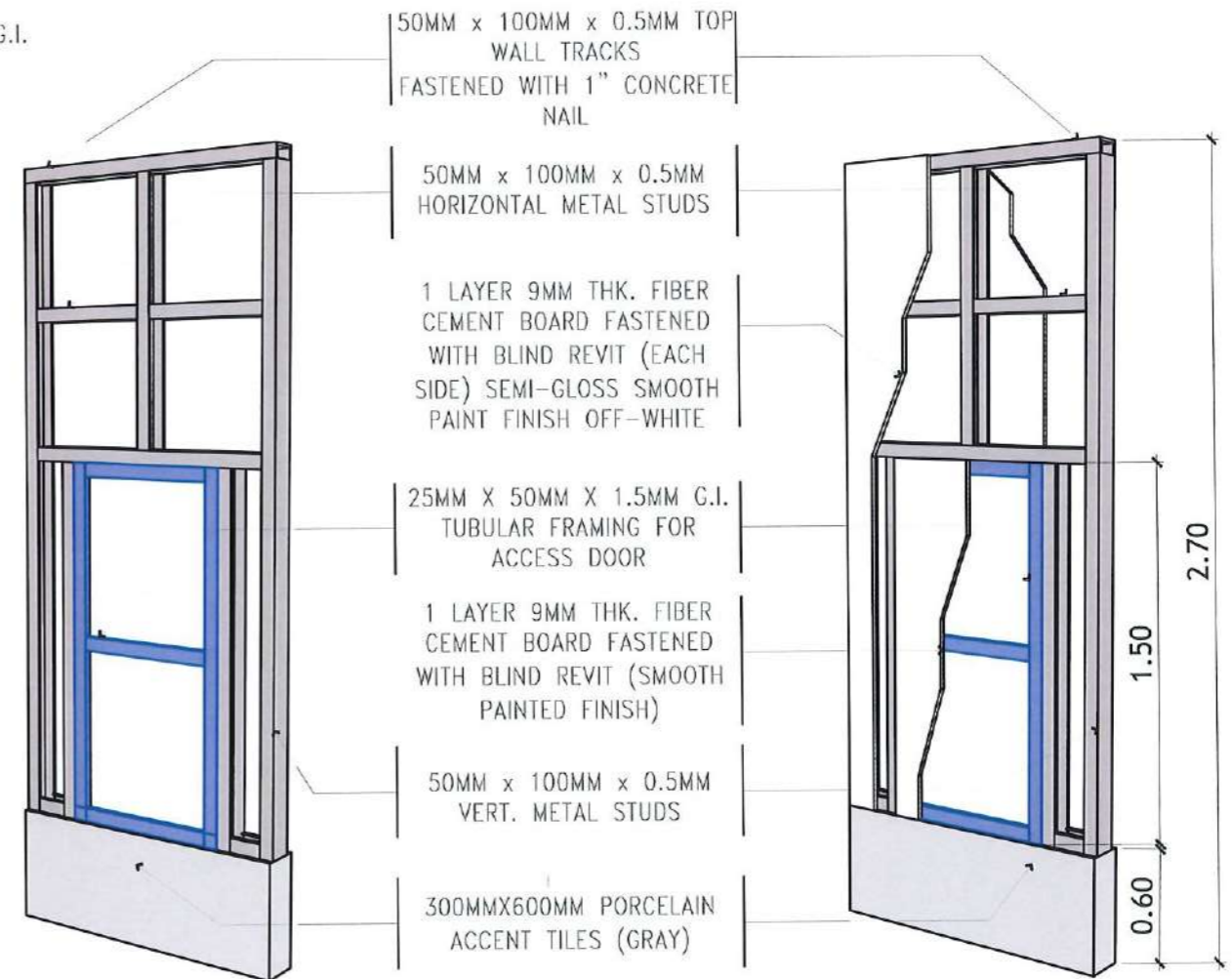
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS: AS SHOWN	SHEET NO: A-60
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO: 60/163



TYPICAL SLOP SINK AND PIPE CHASE BLOW UP PLAN
SCALE: 1: 25 METERS



DRYWALL FRAMING SECTIONAL ELEVATIONS
SCALE: 1:NTS



PIPECHASE DRYWALL W/ ACCESS DOOR DETAIL
SCALE: 1:NTS



PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

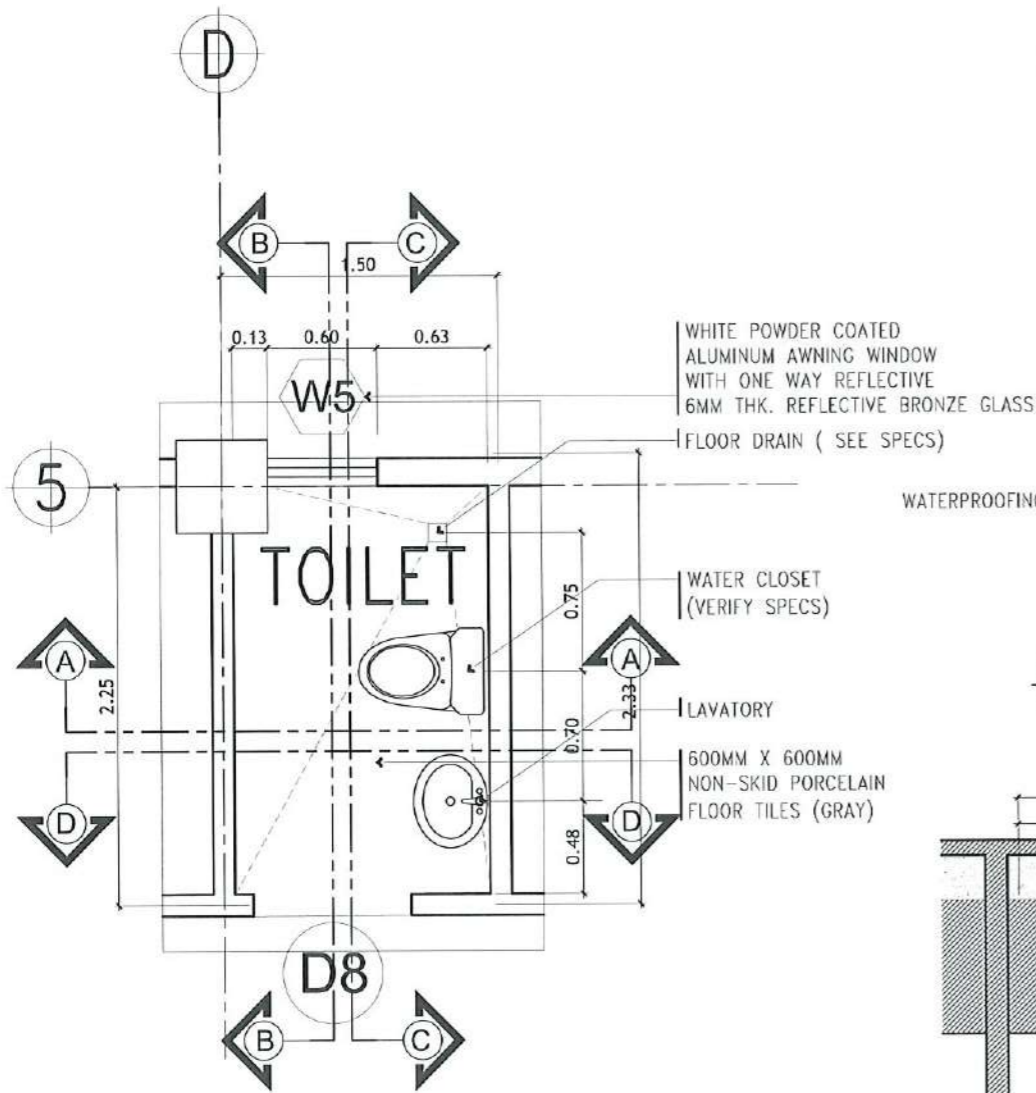
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

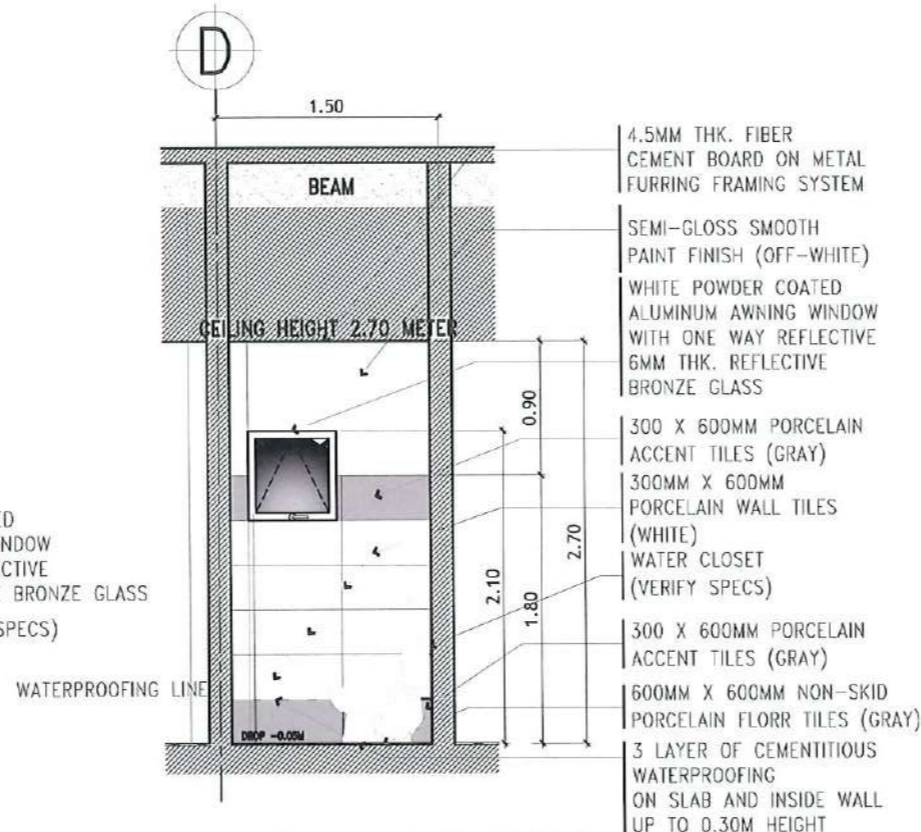
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

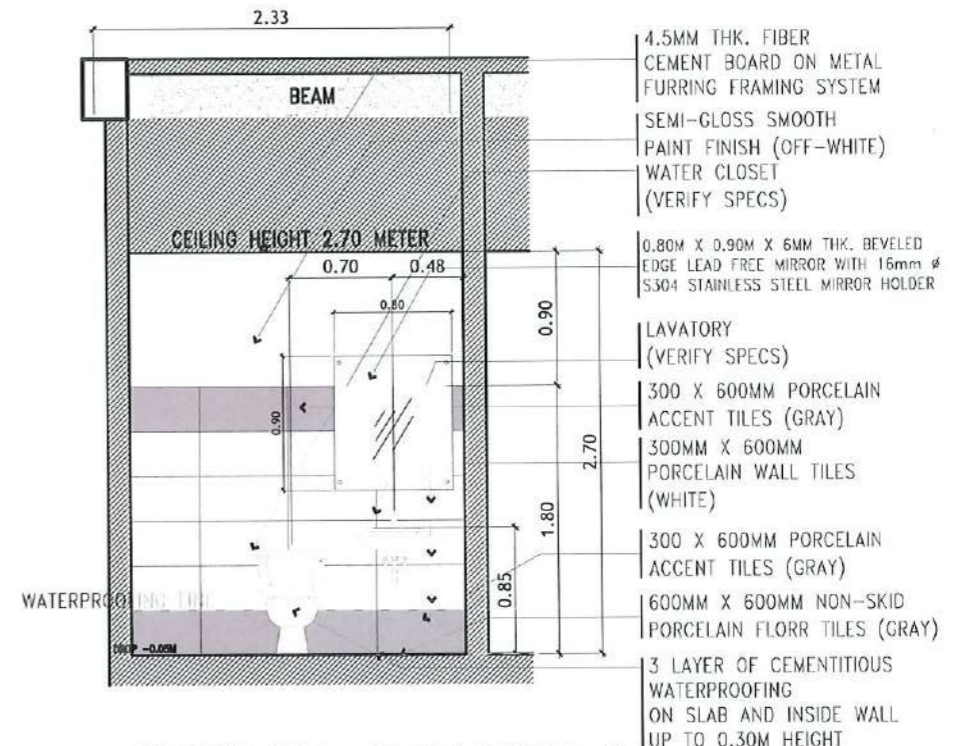
SHEET NO:
A-61
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61/163



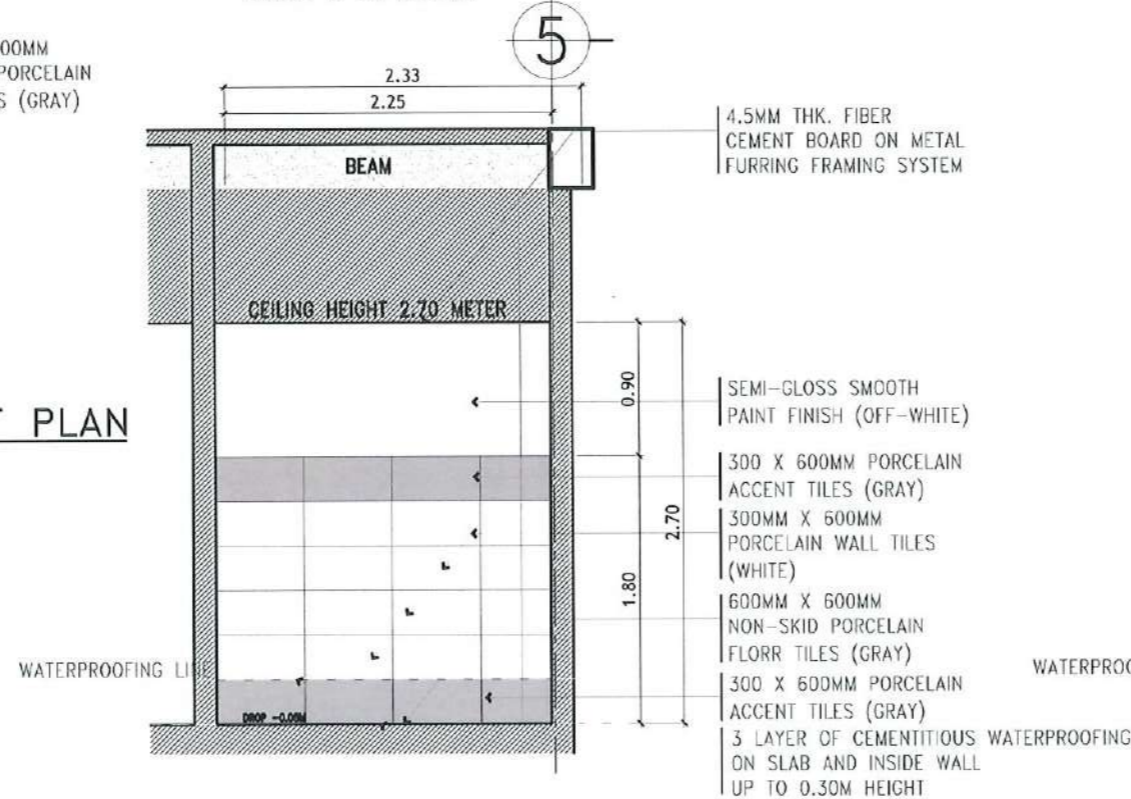
BLOW-UP DEAN'S OFFICE TOILET PLAN
SCALE: 1: 40 METERS



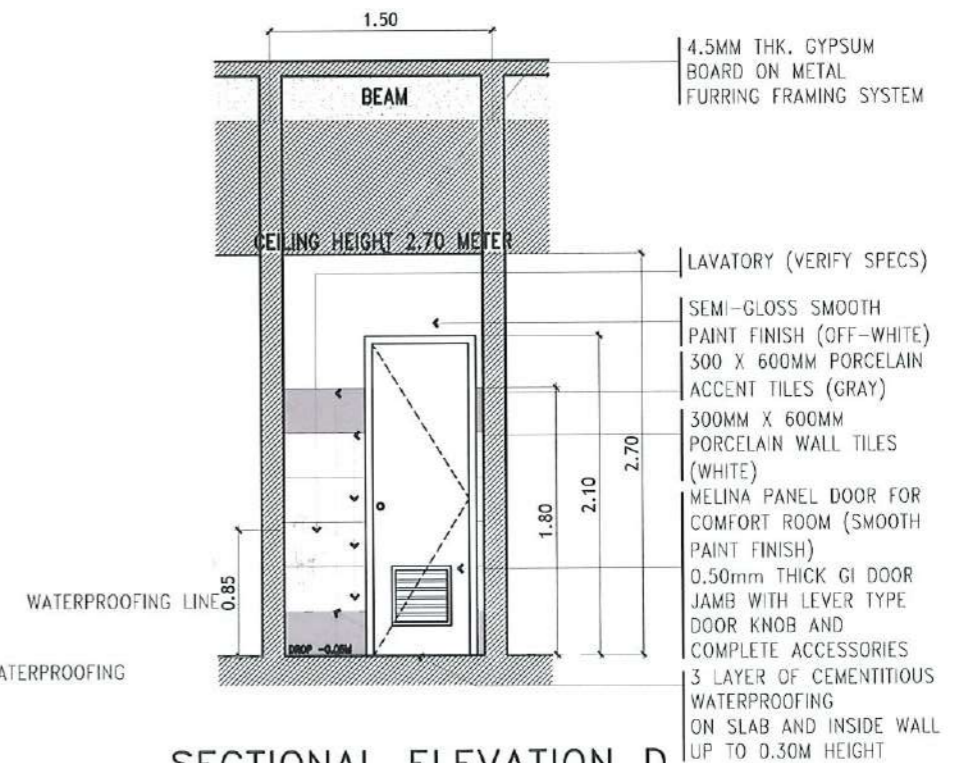
SECTIONAL ELEVATION A
SCALE: 1: 50 METERS



SECTIONAL ELEVATION C
SCALE: 1: 50 METERS



SECTIONAL ELEVATION B
SCALE: 1: 50 METERS



SECTIONAL ELEVATION D
SCALE: 1: 50 METERS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)

PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, EDMD

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, EDMD

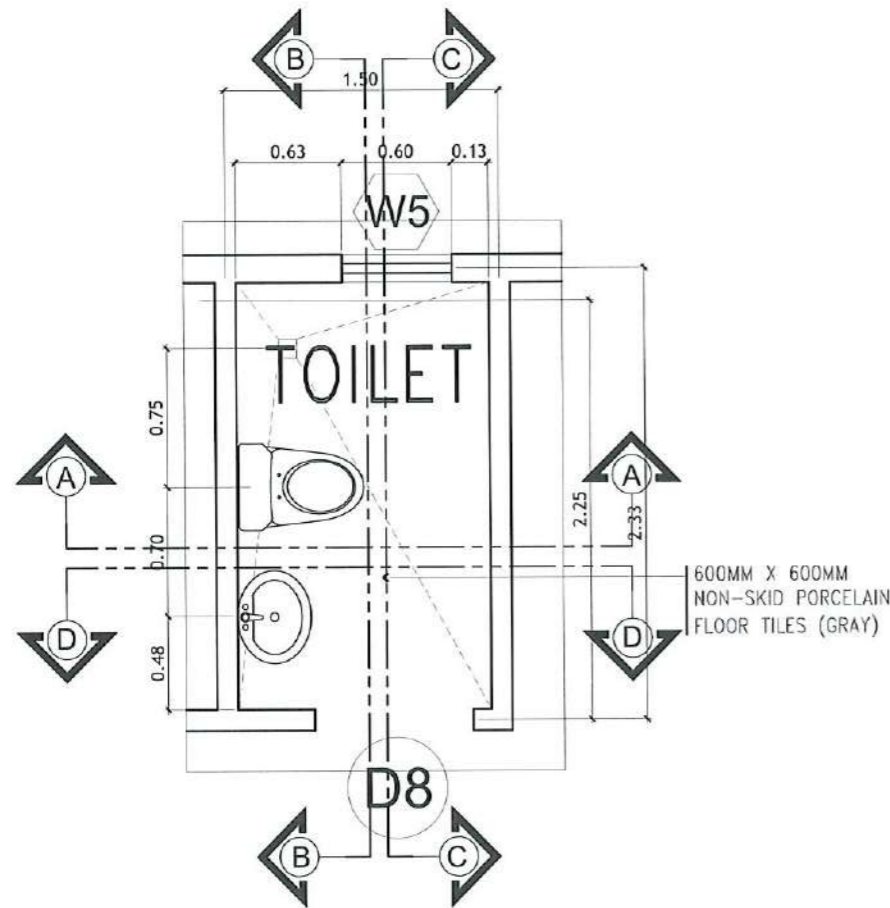
CERTIFIED BY:
AR. CHERRY L. FABIANES
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RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

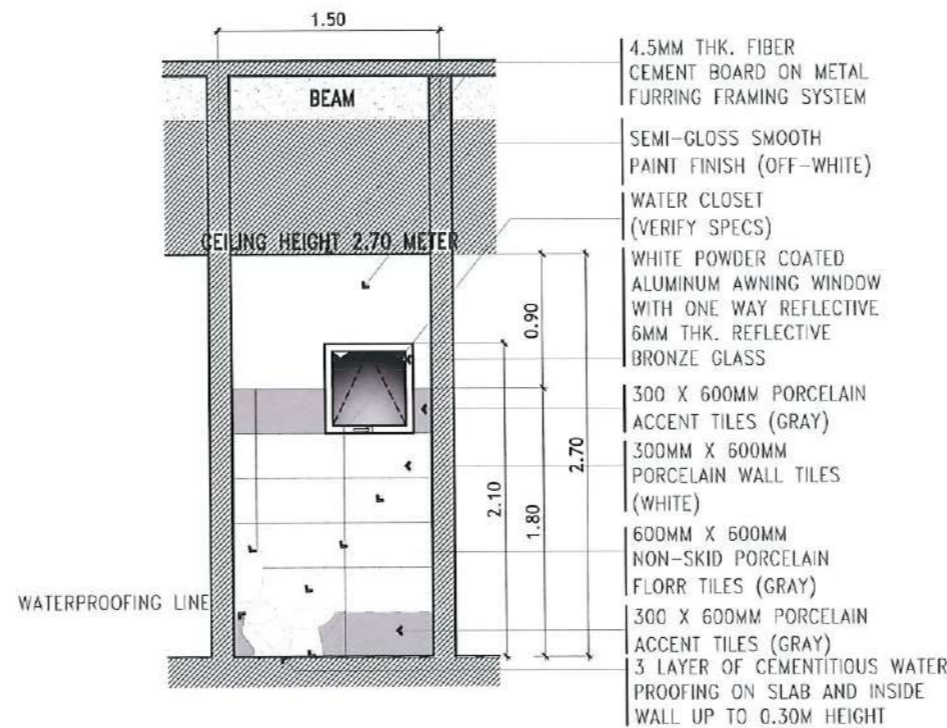
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

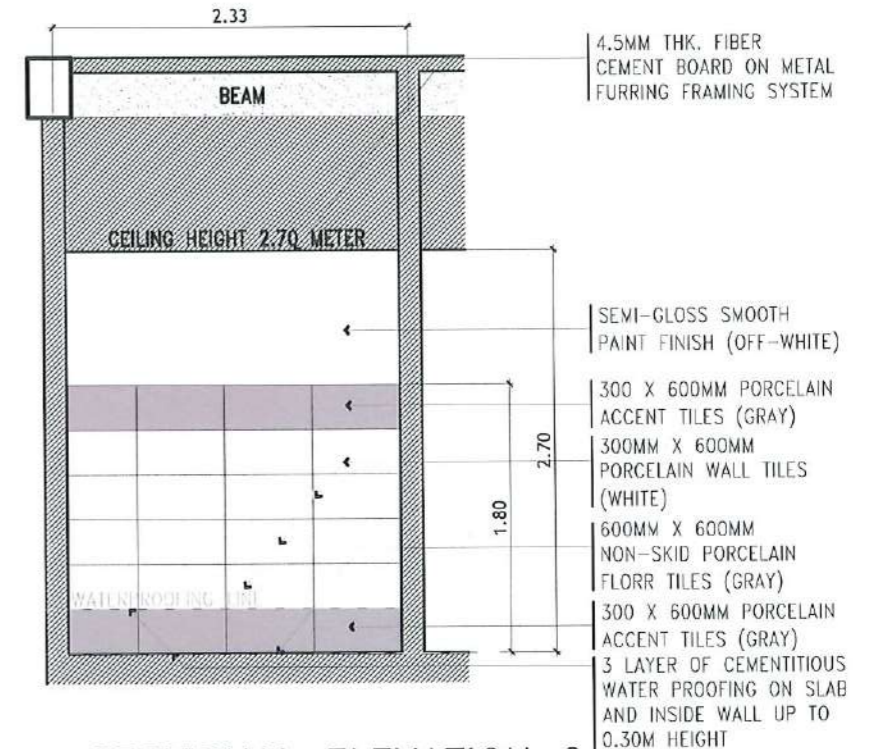
SHEET NO.:
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PAGE NO.:
62/163



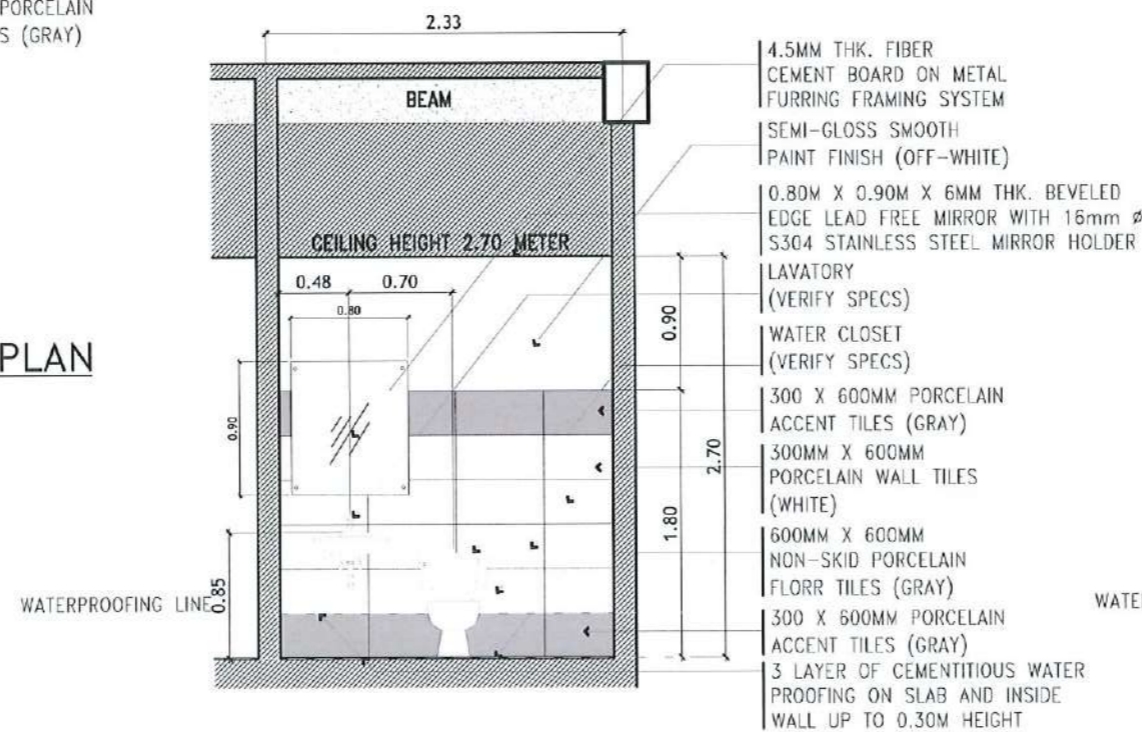
BLOW-UP FACULTY ROOM TOILET PLAN
SCALE: 1: 40 METERS



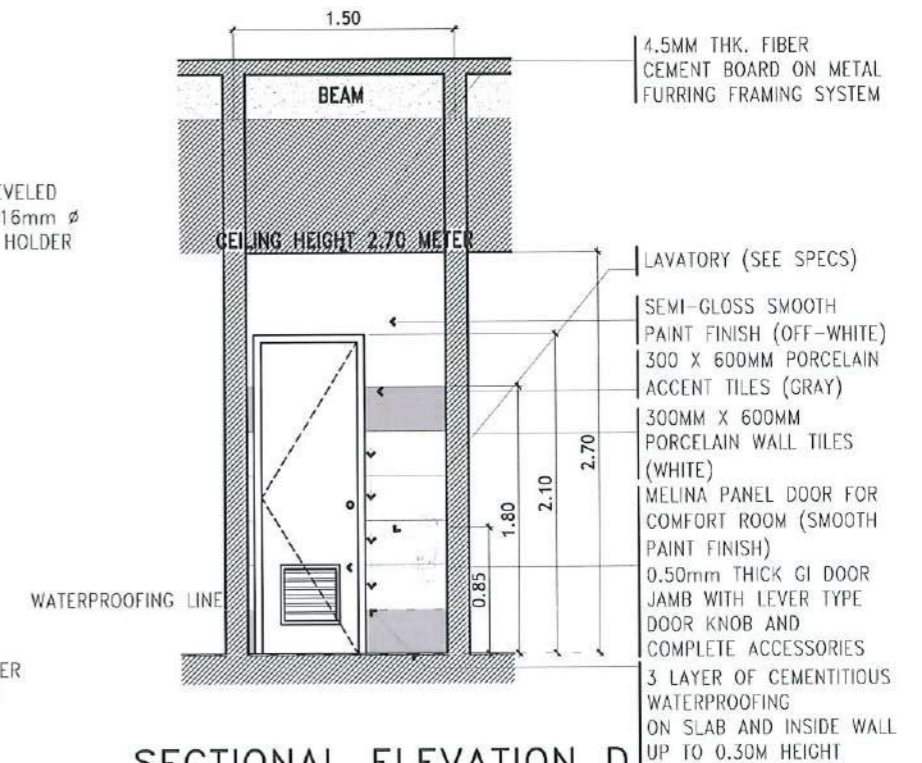
SECTIONAL ELEVATION A
SCALE: 1: 50 METERS



SECTIONAL ELEVATION C
SCALE: 1: 50 METERS



SECTIONAL ELEVATION B
SCALE: 1: 50 METERS



SECTIONAL ELEVATION D
SCALE: 1: 50 METERS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Kamala Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

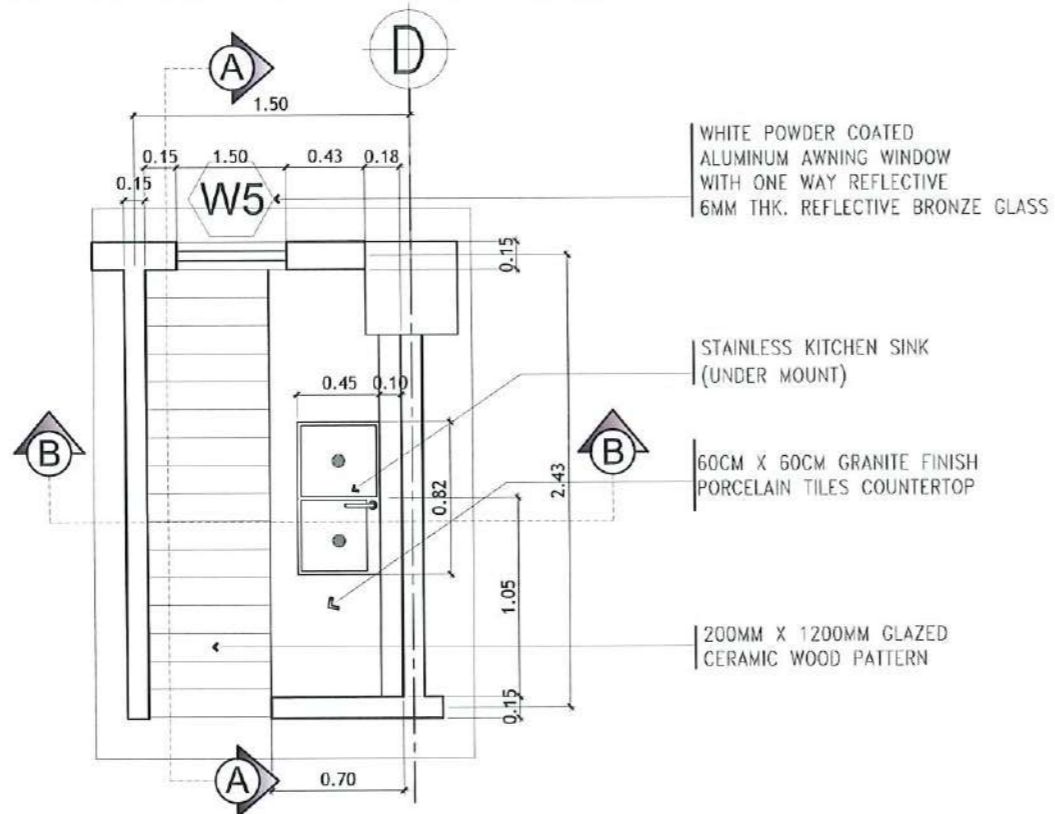
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE M. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

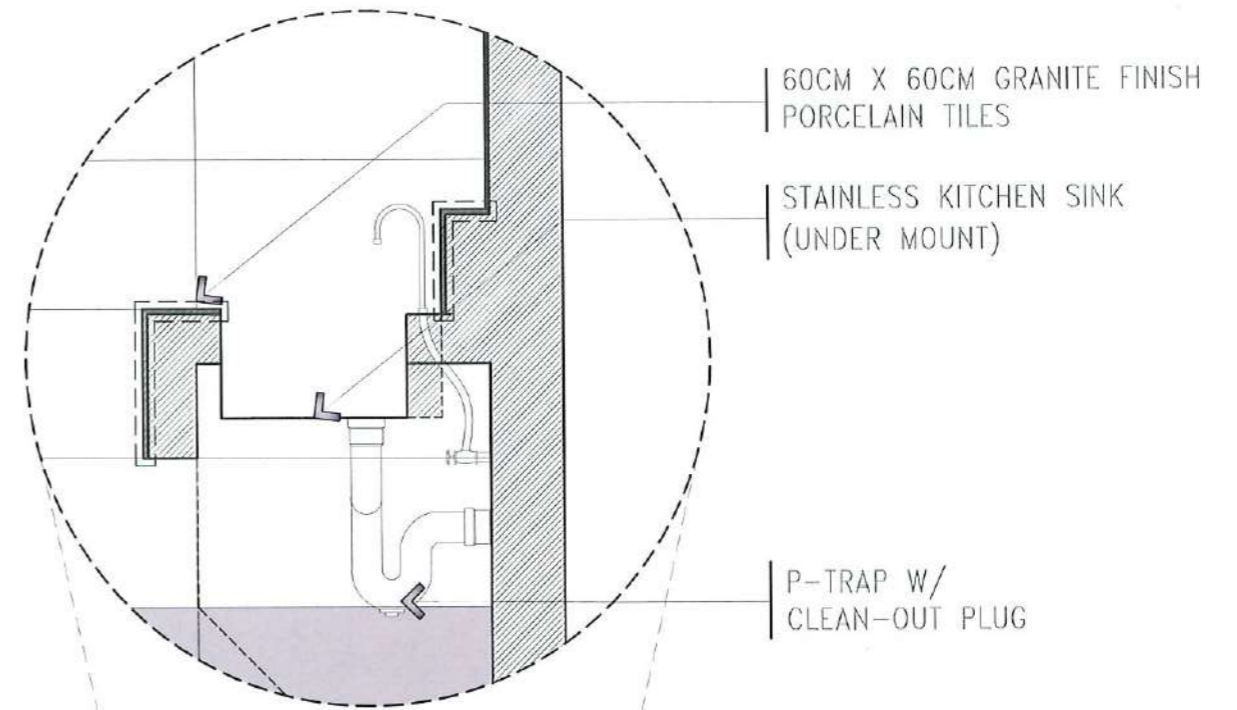
SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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A-63
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63/163



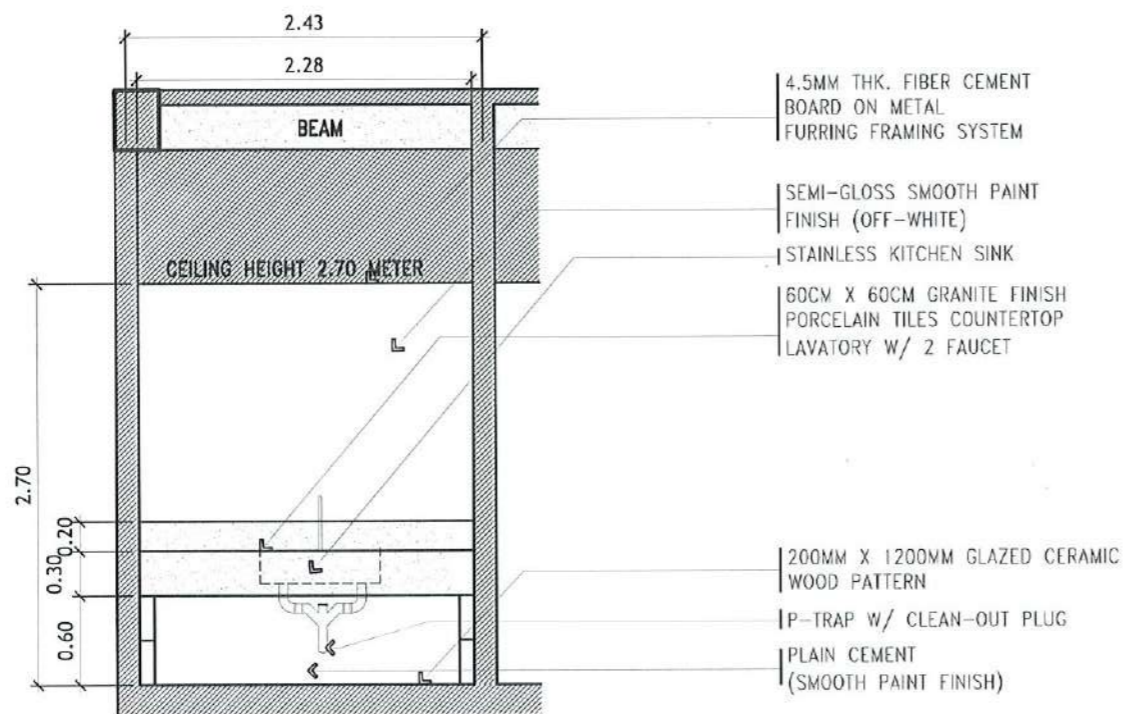
BLOW-UP DEAN'S OFFICE KITCHEN SINK PLAN

SCALE: 1: 40 METERS



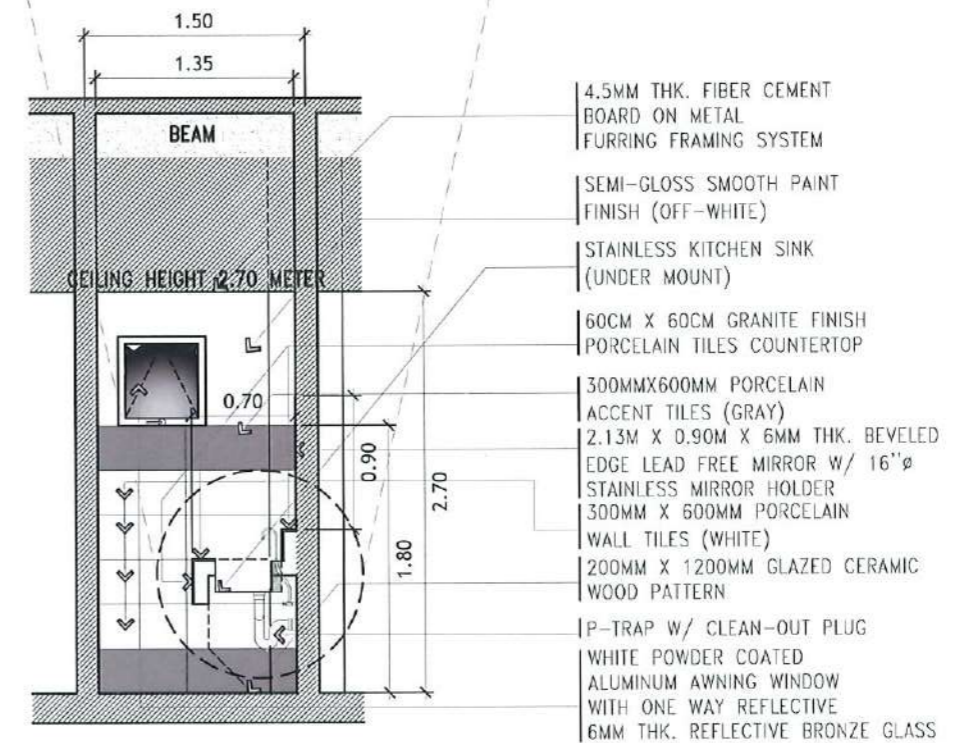
KITCHEN SINK DETAIL

SCALE: 1:15 METERS



SECTIONAL ELEVATION A

SCALE: 1: 50 METERS



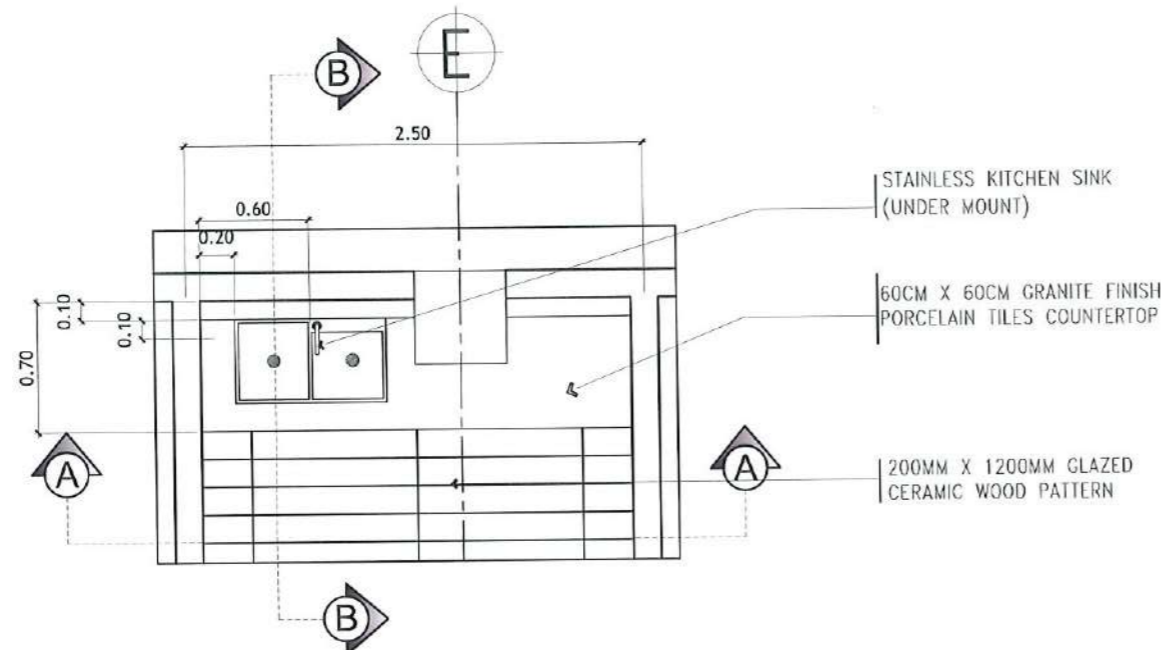
SECTIONAL ELEVATION B

SCALE: 1: 50 METERS

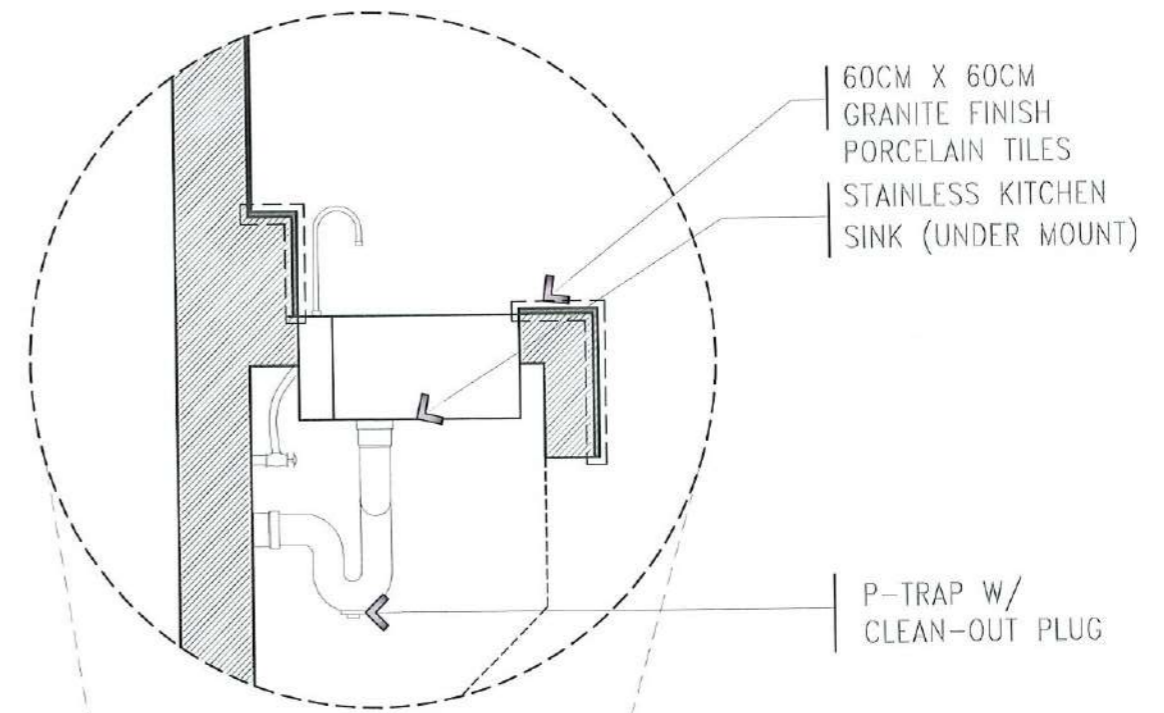


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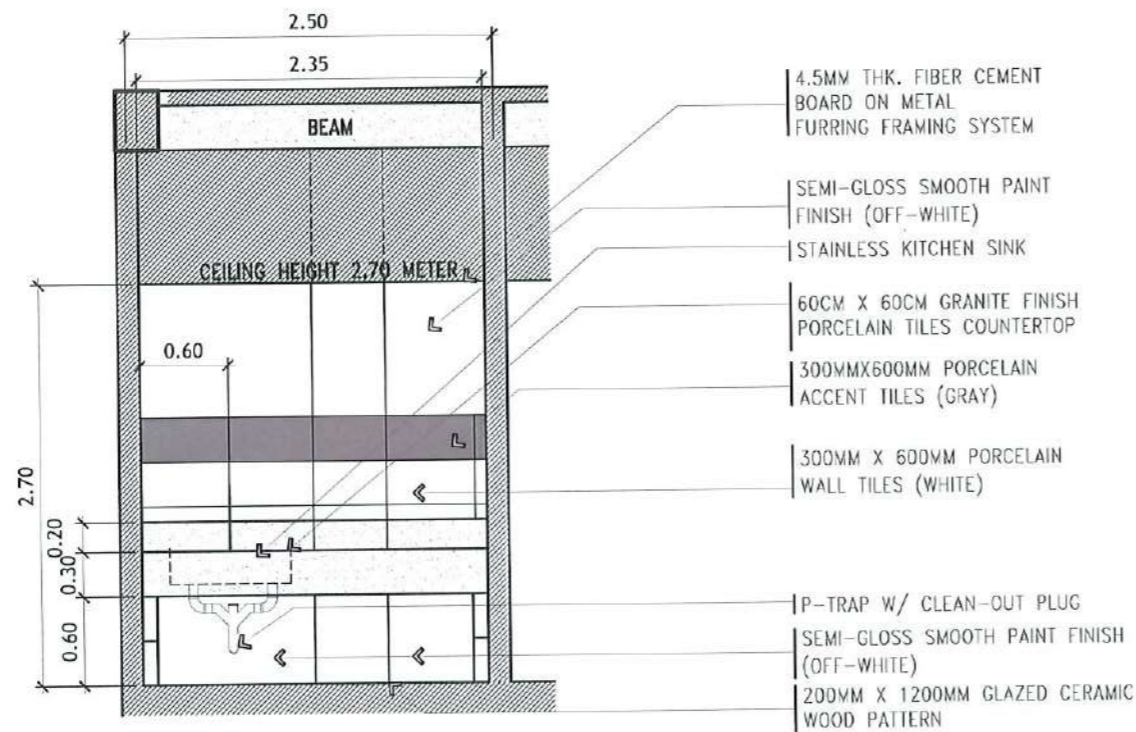
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLING DEAN, CPAG	CHECKED BY: AR. ULYSSES B. CALUYA ARCHITECT, FOMO	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FOMO	RECOMMENDING APPROVAL: AR. CHERRY L. FABIANES DIRECTOR, FOMO	APPROVED: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: A-64
DATE: SEPTEMBER 2023								PAGE NO.: 64/163	



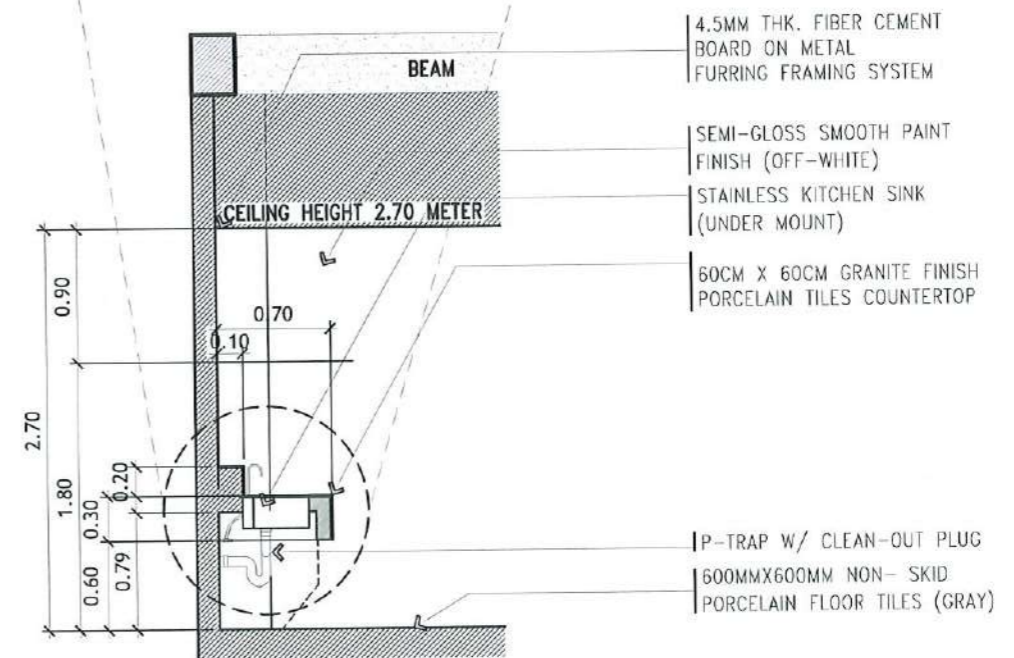
BLOW-UP FACULTY ROOM LAVATORY PLAN
SCALE: 1: 40 METERS



KITCHEN SINK DETAIL
SCALE: 1:15 METERS



SECTIONAL ELEVATION A
SCALE: 1: 50 METERS



SECTIONAL ELEVATION B
SCALE: 1: 50 METERS



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PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

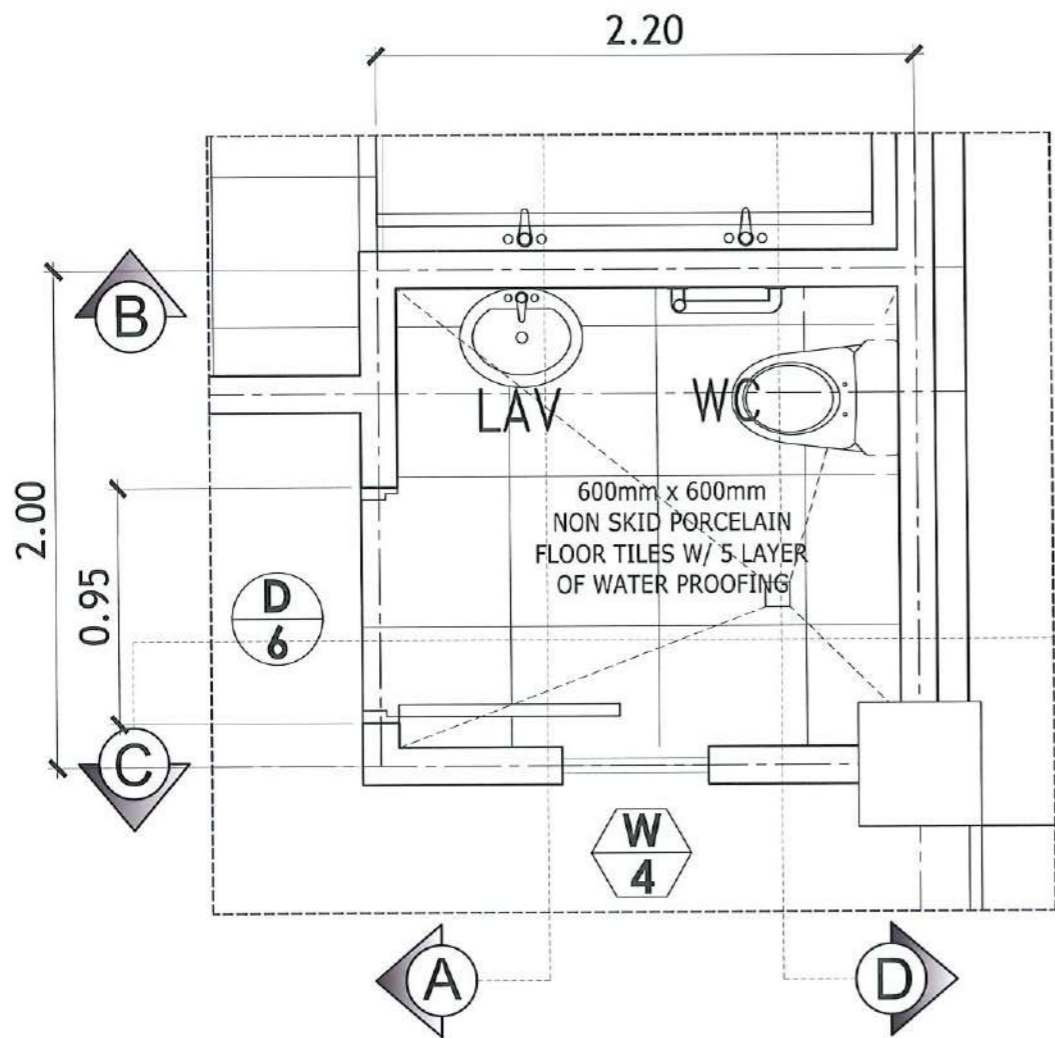
CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

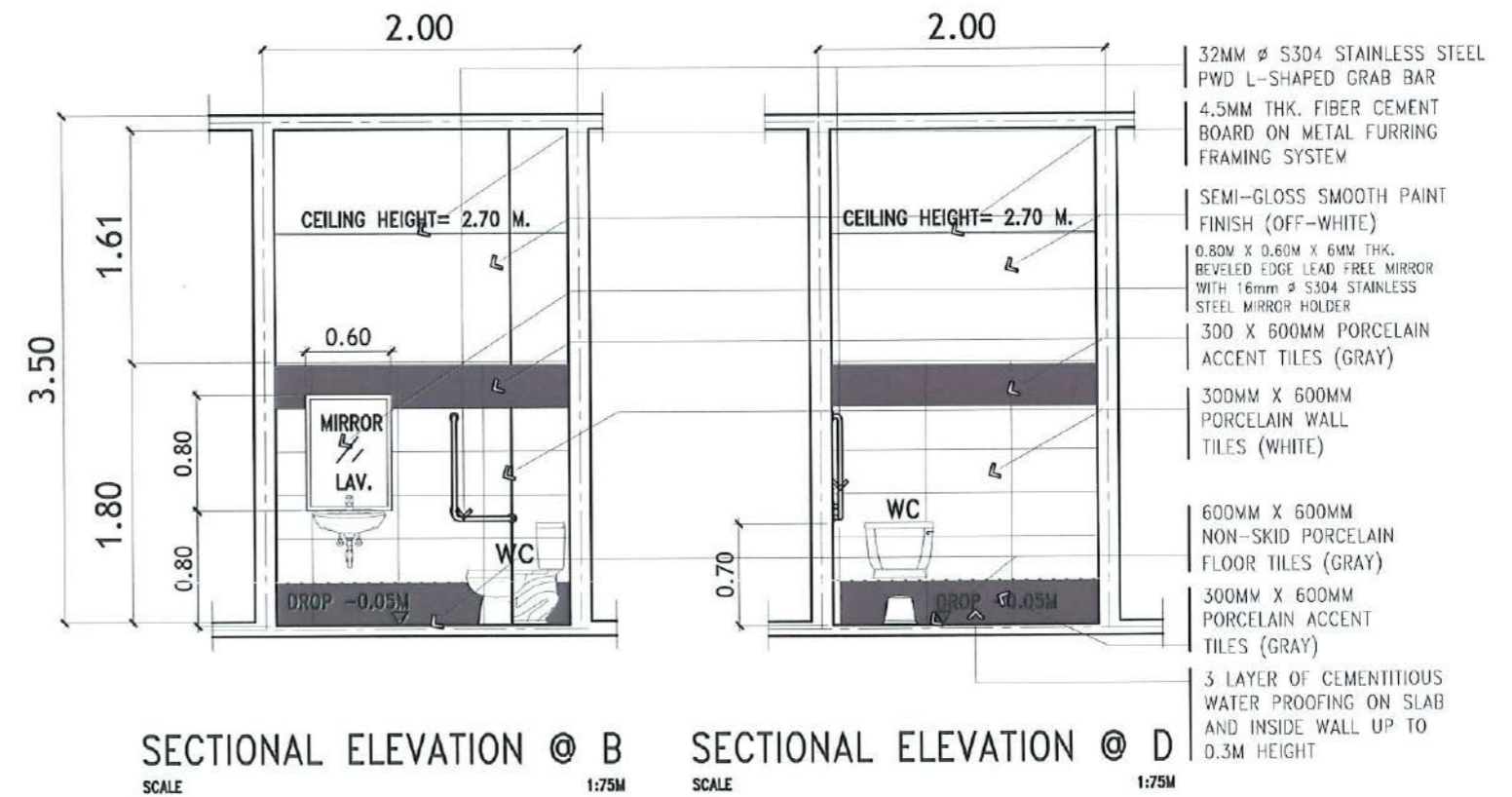
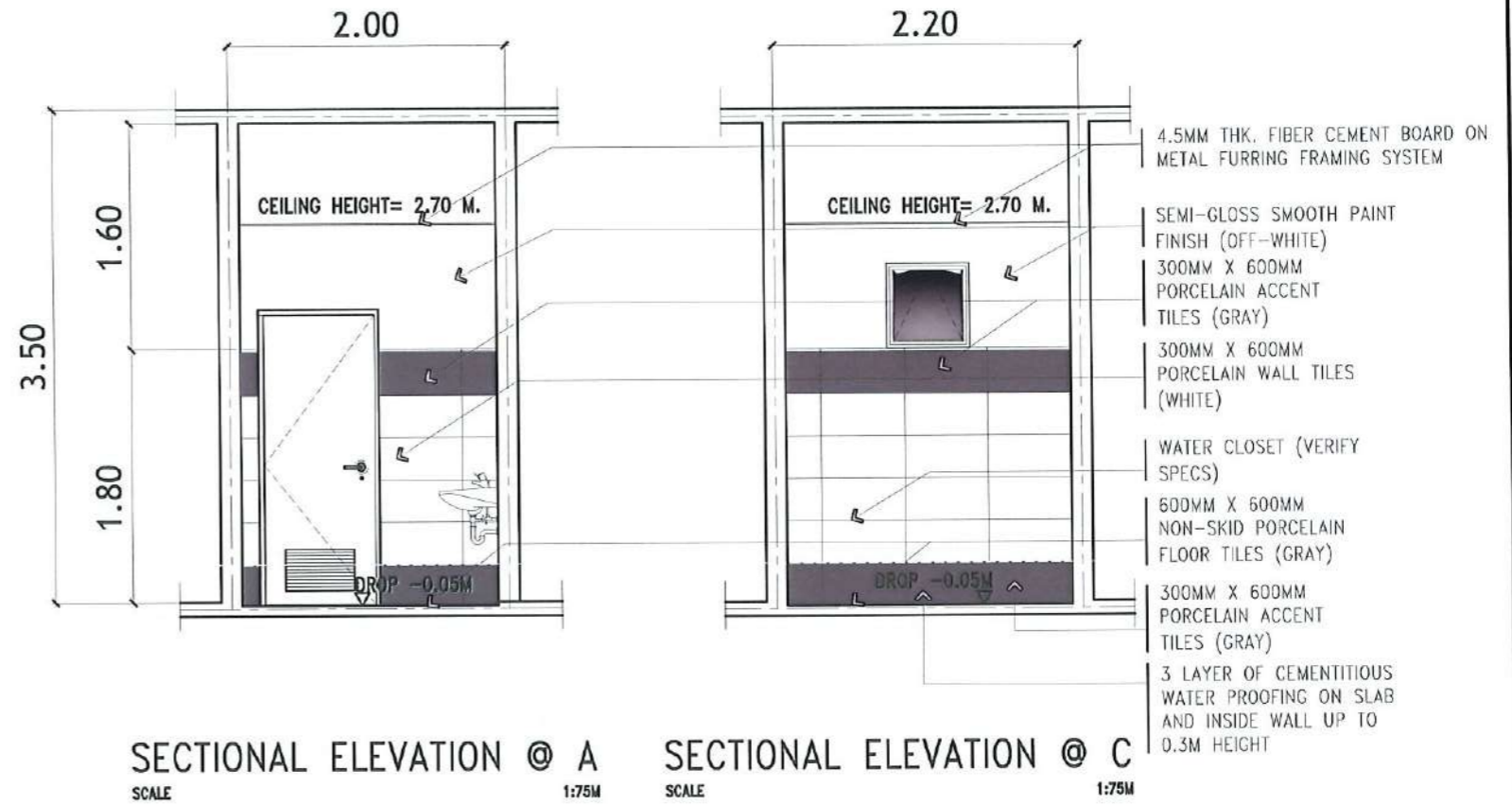
RECOMMENDING APPROVAL:
[Signature]
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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

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BLOW-UP PWD FLOOR PLAN
SCALE: 1: 30 METERS



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

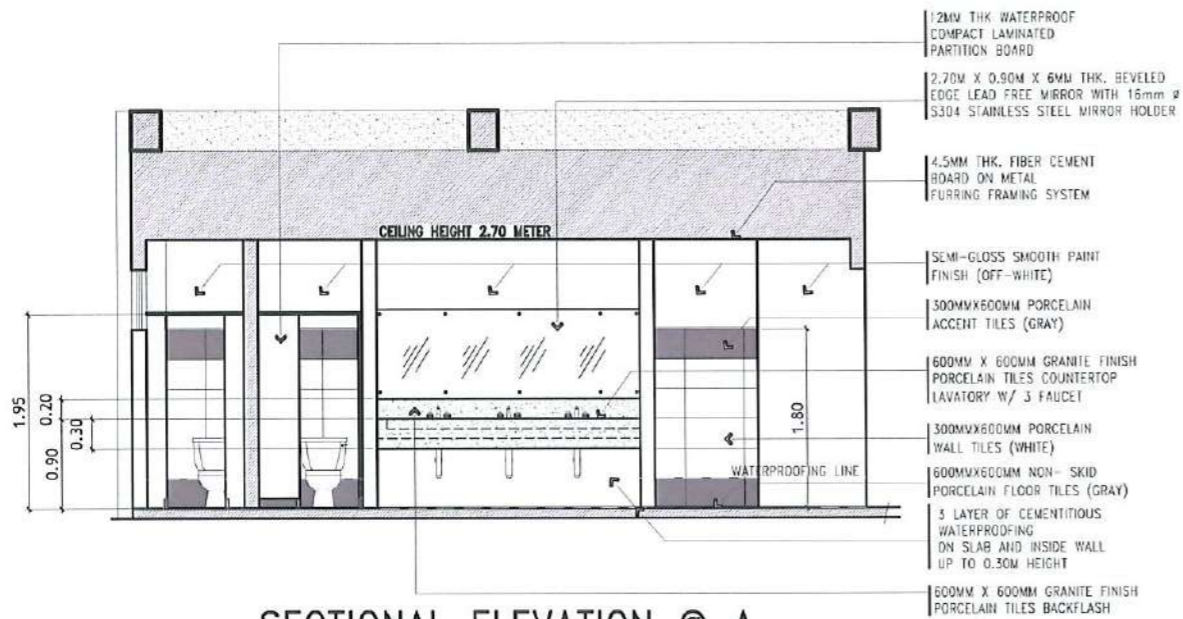
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN

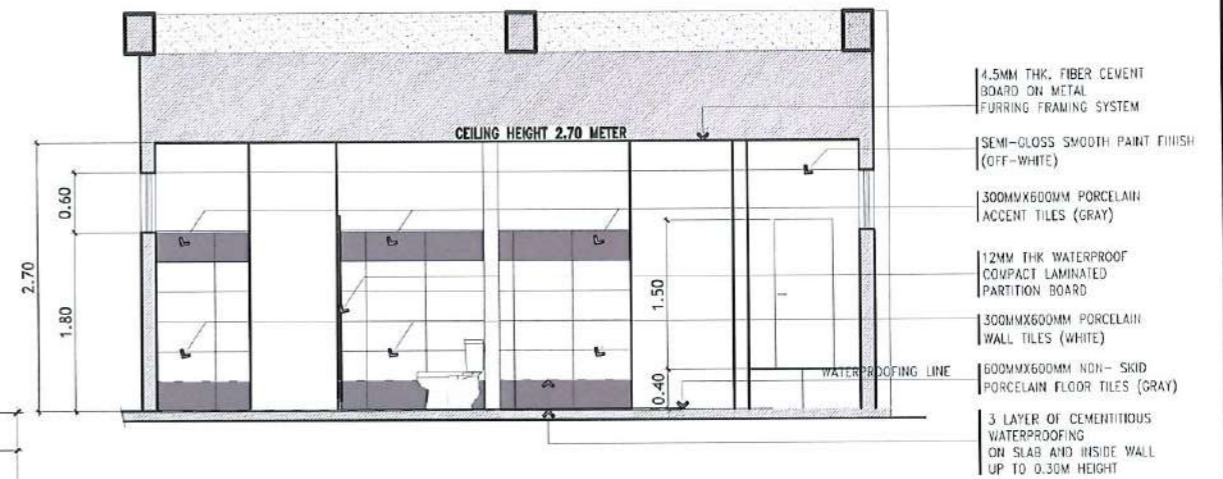
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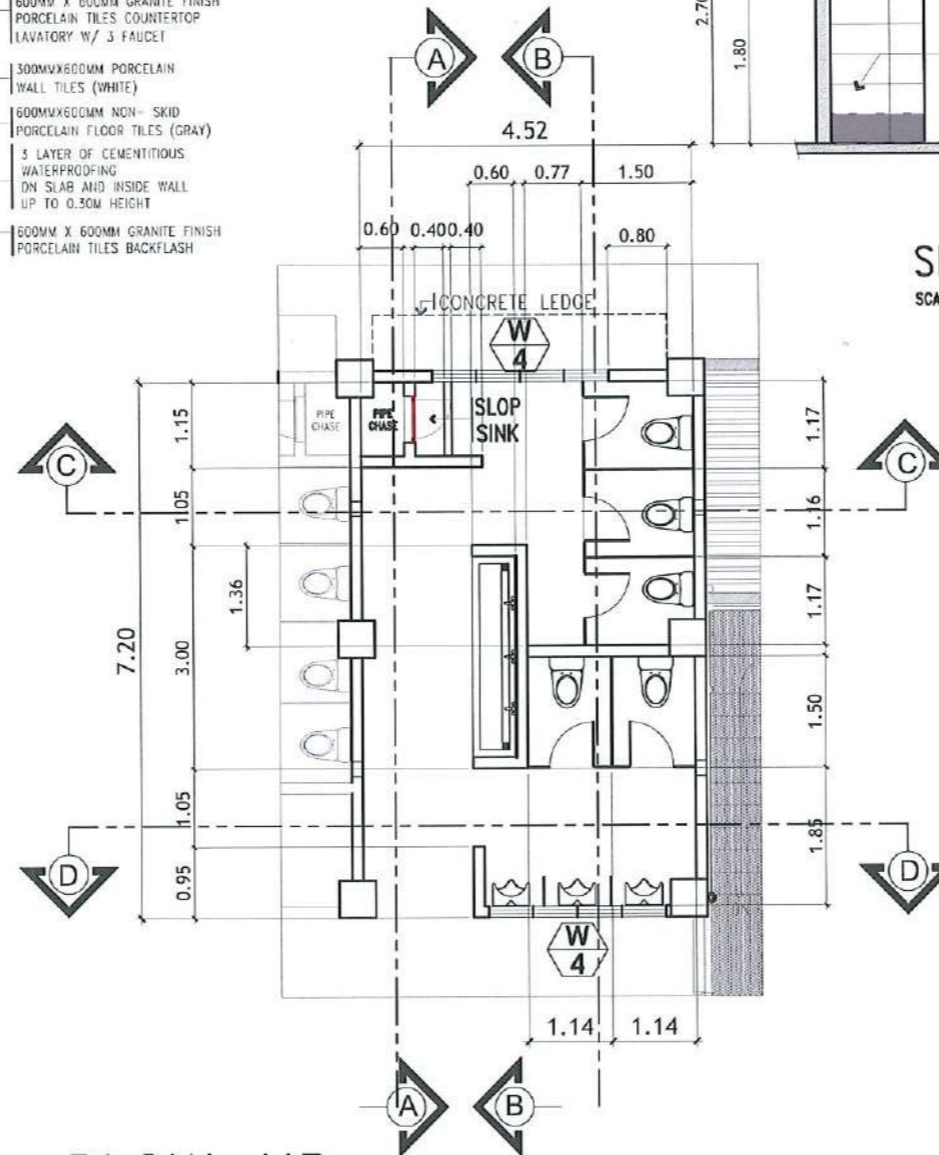
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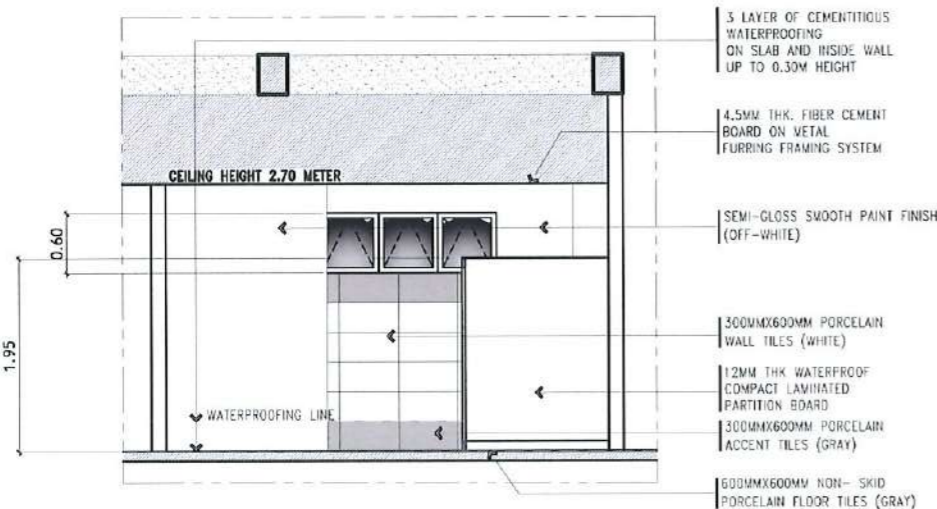
SECTIONAL ELEVATION @ A
SCALE 1:75M



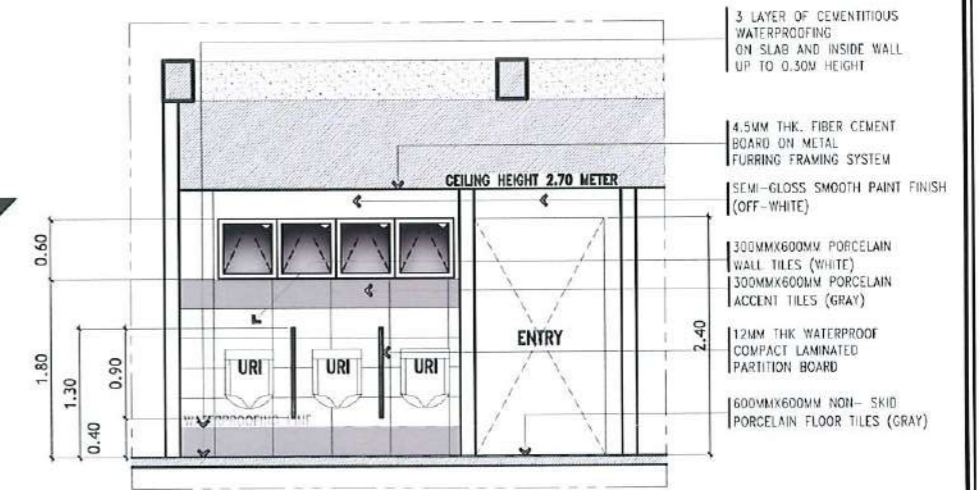
SECTIONAL ELEVATION @ B
SCALE 1:75M



BLOW-UP PLAN OF ALL GENDER TOILET
SCALE: 1: 100 METERS



SECTIONAL ELEVATION @ C
SCALE 1:75M



SECTIONAL ELEVATION @ D
SCALE 1:75M



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLKENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FOMD

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMD

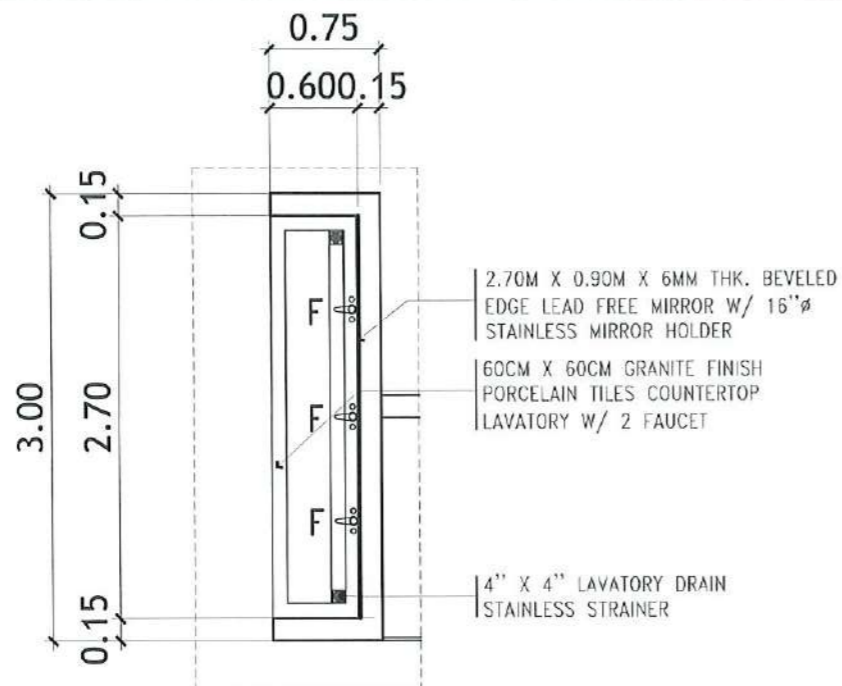
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FOMD

RECOMMENDING APPROVAL:
DR. GRACE M. ROSETE
VP ADMINISTRATION AND FINANCE

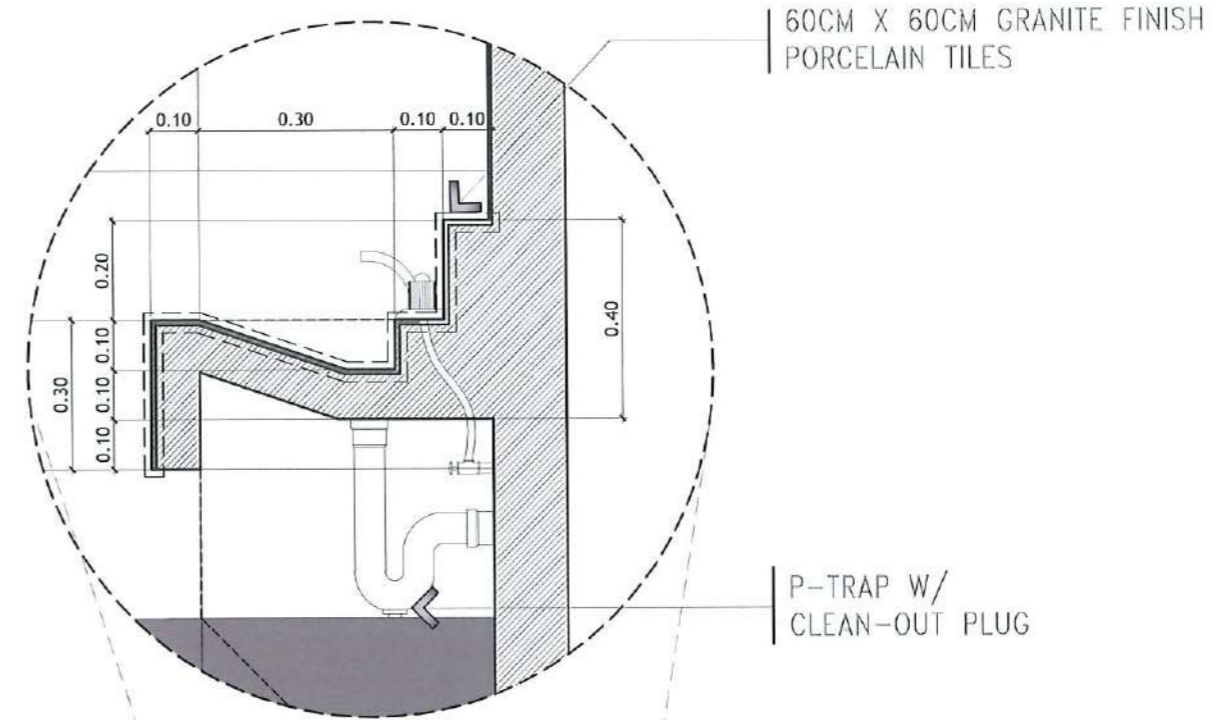
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
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DATE: SEPTEMBER 2023

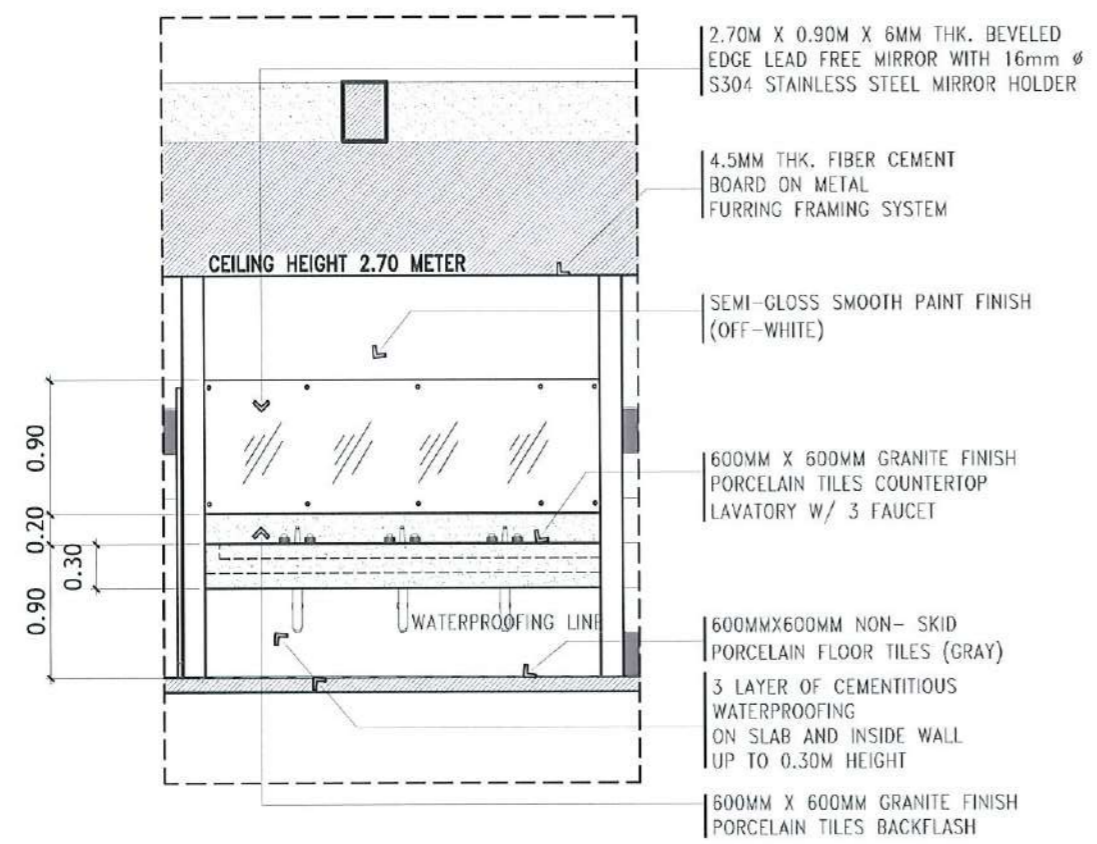
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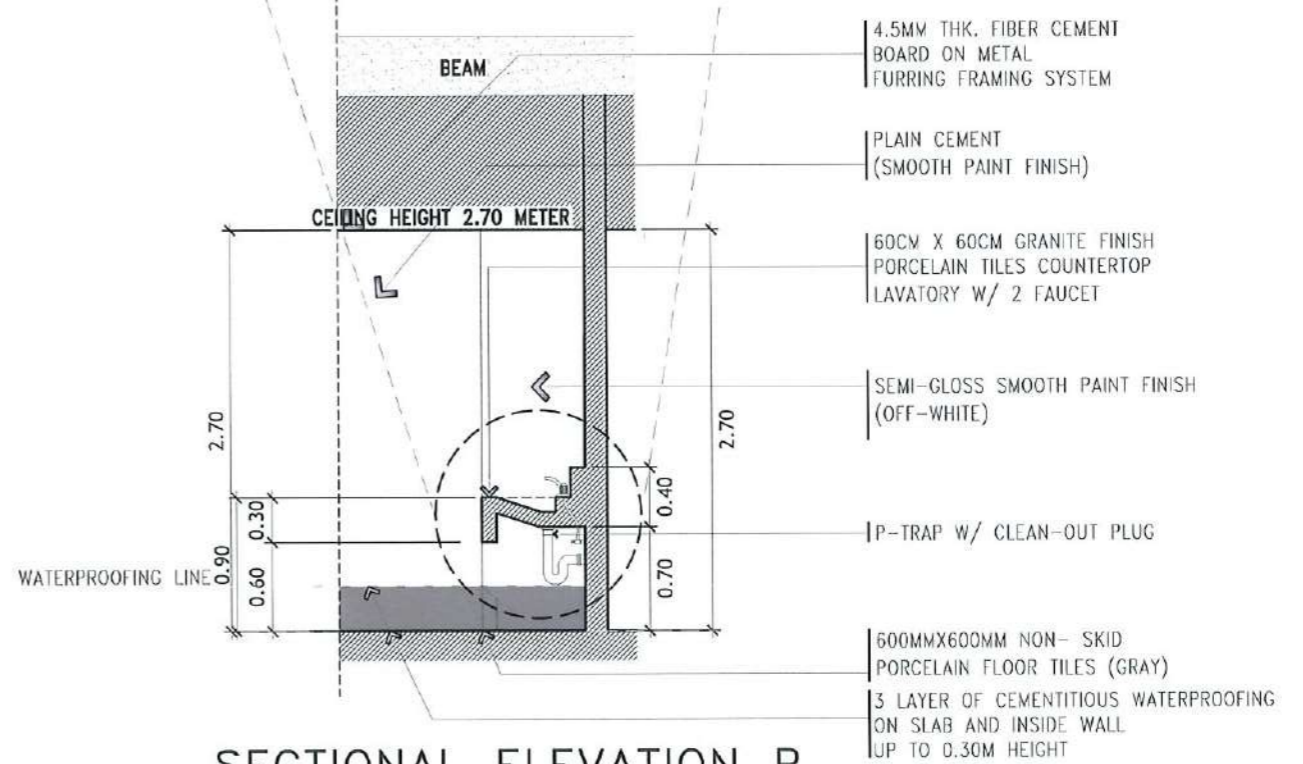
**ALL GENDER
LAVATORY BLOW-UP PLAN**
SCALE: 1:50 METERS



LAVATORY DETAIL
SCALE: 1:15 METERS



SECTIONAL ELEVATION A
SCALE: 1:50 METERS



SECTIONAL ELEVATION B
SCALE: 1:50 METERS



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SCHEDULE OF DOORS AND WINDOWS

<p>D1 31 - SETS REQUIRED LOCATION: LECTURE RMS., FACULTY RM. DEANS OFFICE, RESEARCH RM. ACCREDITATION RM. STUDENT. ORG. RM</p>	<p>D2 2 - SETS REQUIRED LOCATION: AUDIO VISUAL ROOM</p>	<p>D3 2 - SETS REQUIRED LOCATION: AVR (3RD FLR.)</p>	<p>D4 1 - SET REQUIRED LOCATION: PWD TOILET GROUND FLOOR</p>	<p>D5 2 - SETS REQUIRED LOCATION: 2ND FLR. & 3RD FLR EXIT</p>
<p>STEEL DOOR (SMOOTH PAINT FINISH) DOOR AND JAMB: 0.50MM THK. WHITE COATED ALUMINUM TRANSOM WINDOW: 6MM THK. ONE WAY REFLECTIVE (INTERIOR) TEMPERED BRONZE GLASS PEEP WINDOW: 6MM THK. CLEAR TEMPERED GLASS KNOB: HEAVY DUTY DOME TYPE BOLT: SINGLE CYLINDER STAINLESS STEEL DEADBOLT</p>	<p>SEAMLESS WOODEN FLUSH DOOR WITH 9MM THK. DIAMOND CUT POLYESTER ACOUSTIC PANEL (BEVELED EDGES) MADE OF 100% PET (POLYETHYLENE TEREPHTHALATE) ON FACE ALIGNED FROM ACOUSTIC PANEL PARTITION HINGE: SELF CLOSING DOUBLE ACTION SPRING HINGE</p>	<p>STEEL DOOR (SMOOTH PAINT FINISH) DOOR & JAMB: 0.50mm thick KNOB: HEAVY DUTY DOME TYPE BOLT: SINGLE CYLINDER STAINLESS STEEL DEADBOLT</p>	<p>TANGUILE SOLID DOOR FOR COMFORT ROOM (SMOOTH PAINT FINISH) 0.50mm THICK GI DOOR JAMB WITH LEVER TYPE DOOR KNOB AND COMPLETE ACCESSORIES WITH VINYL STICKER SIGNAGE</p>	<p>STEEL DOOR (SMOOTH PAINT FINISH) DOOR & JAMB: 0.50mm thick KNOB: PANIC DEVICE / LOCK (Fire Exit Device) with KEY</p>
<p>D6 2 - SETS REQUIRED LOCATION: DEANS OFFICE & FACULTY OFFICE</p>	<p>D7 3 - SET REQUIRED LOCATION: ELECTRICAL ROOM</p>	<p>D8 2 - SETS REQUIRED LOCATION: DEANS OFFICE</p>	<p>D9 2 - SETS REQUIRED LOCATION: RESEARCH ROOM & ACCREDITATION ROOM</p>	<p>D10 1 - SET REQUIRED LOCATION: PUMP ROOM</p>
<p>TANGUILE SOLID DOOR WITH LOUVER FOR COMFORT ROOM (SMOOTH PAINT FINISH) 0.50mm THICK GI DOOR JAMB WITH DOME TYPE DOOR KNOB AND COMPLETE ACCESSORIES</p>	<p>STEEL LOUVER DOOR (SMOOTH PAINT FINISH) DOOR & JAMB: 0.50mm thick KNOB: HEAVY DUTY DOME TYPE BOLT: SINGLE CYLINDER STAINLESS STEEL DEADBOLT</p>	<p>WHITE POWDER COATED ALUMINUM SLIDING DOOR WITH TRANSOM WINDOW 6mm THK. ONE WAY REFLECTIVE (interior) TEMPERED BRONZE GLASS</p>	<p>WHITE POWDER COATED ALUMINUM SLIDING DOOR WITH TWO WAY REFLECTIVE (INTERIOR) 6mm THK. REFLECTIVE TEMPERED BRONZE GLASS</p>	<p>FOLDING STEEL DOOR LOUVERS (SMOOTH PAINT FINISH) DOOR & JAMB: 0.50mm thick G.I. SHEET HINGE: 1" CYLINDRICAL HINGE</p>



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PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE: DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY: AR. JLYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY: AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY: AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL: DR. GRACIELA ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED: DR. ARNOLD E. VELASCO
PRESIDENT

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DATE: SEPTEMBER 2023

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S C H E D U L E O F W I N D O W S

<p>W1 41 - SETS REQUIRED LOCATION: LECTURE ROOMS, COMP. ROOMS, AVR AND OFFICES</p> <p>WHITE POWDER COATED ALUMINUM AWNING WINDOW WITH ONE WAY REFLECTIVE (exterior) 6mm THK. REFLECTIVE BRONZE GLASS</p>	<p>W2 22 - SETS REQUIRED LOCATION: ALL CLASSROOMS</p> <p>WHITE POWDER COATED ALUMINUM FIXED WINDOW w/ 6mm THK. ONE WAY REFLECTIVE (interior) TEMPERED BRONZE GLASS</p>	<p>W3 5 - SETS REQUIRED LOCATION: PANTRY AND TOILET</p> <p>WHITE POWDER COATED ALUMINUM AWNING WINDOW WITH ONE WAY REFLECTIVE (exterior) 6mm THK. REFLECTIVE BRONZE GLASS</p>	<p>W4 7 - SETS REQUIRED LOCATION: MALE AND FEMALE TOILET</p> <p>WHITE POWDER COATED ALUMINUM AWNING WINDOW WITH ONE WAY REFLECTIVE (exterior) 6mm THK. REFLECTIVE BRONZE GLASS</p>



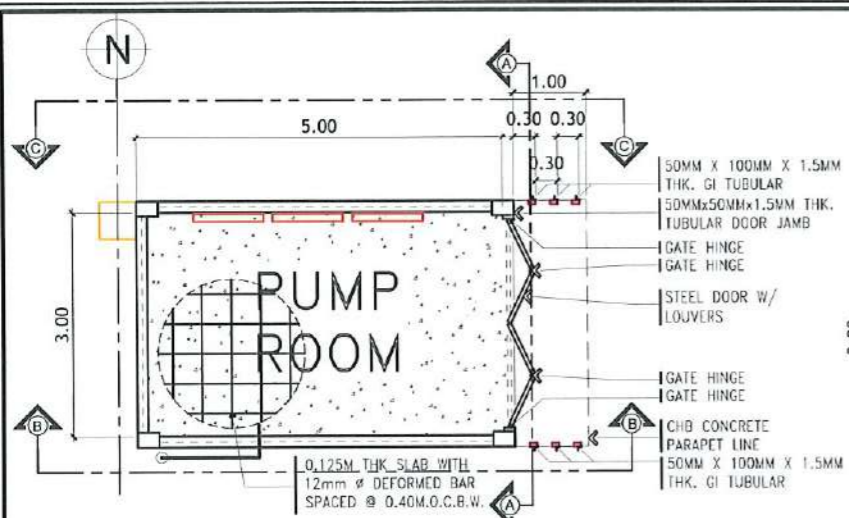
ACRYLIC CLEAR GLASS SIGNAGE

SIGNAGE SPECIFICATION:
 PROPORTIONED LETTERING ON 3mm thk. x 150mm x 450mm
 CLEAR ACRYLIC GLASS WITH 2pcs. 8mmx17mm ACRYLIC
 GLASS FIXING BOLT SCREWS

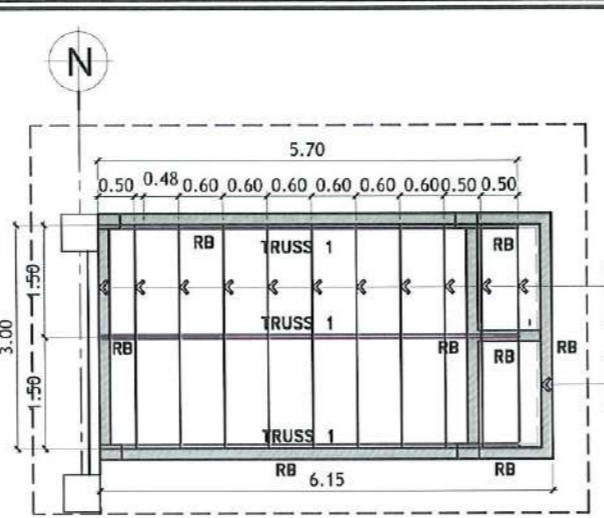
NOTE: THE FONT STYLE, FONT SIZE, TEXT CONTENT
 SHALL BE FOR APPROVAL.

TYPICAL ROOM SIGNAGE DETAIL

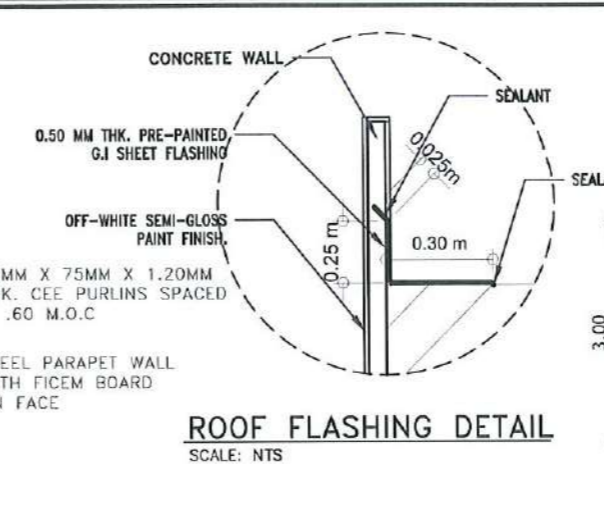
SCALE 1:8 MTS



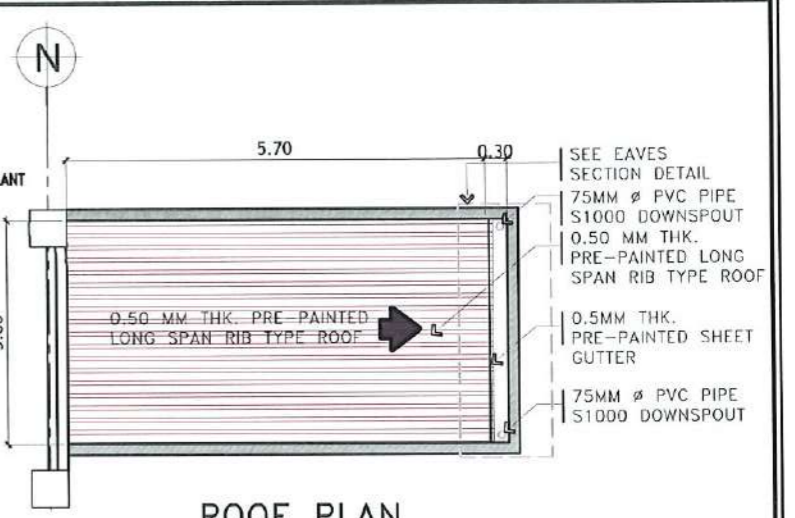
BLOW-UP PUMP ROOM PLAN
SCALE: 1: 100 METERS



PUMP ROOM ROOF FRAMING PLAN
SCALE: 1: 100 METERS



ROOF FLASHING DETAIL
SCALE: NTS



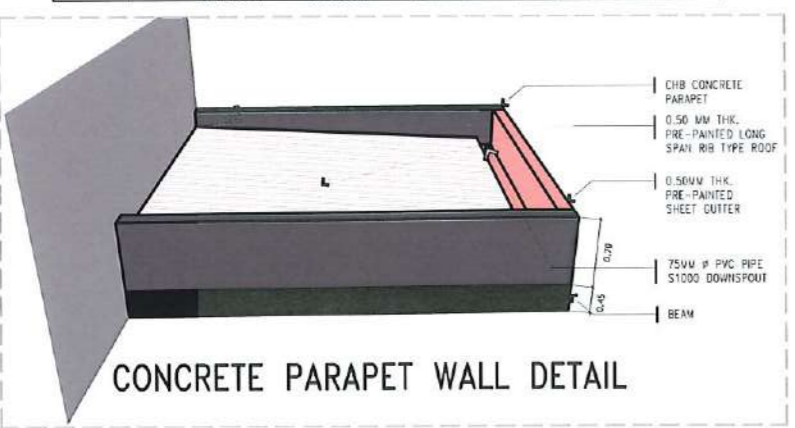
ROOF PLAN
SCALE: 1: 100 METERS

SCHEDULE OF ROOF BEAM

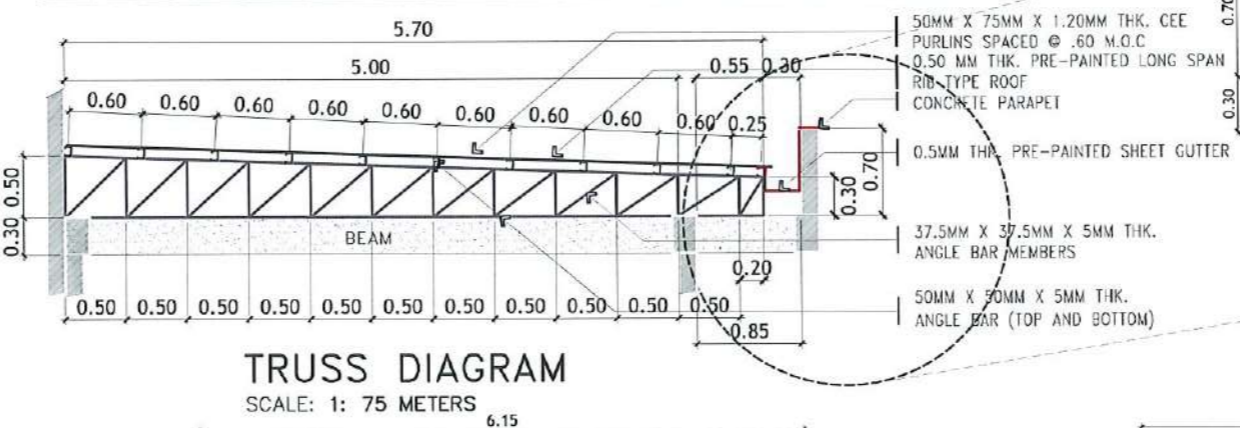
MARK	CONT. BARS	EXT SUPPORT	MIDSPAN	INT SUPPORT	STIRRUPS	REMARKS
		SECTION REIN	SECTION REIN	SECTION REIN	DIA NO. SPACING	
RB-1	2-16mm top	2-16mm	2-16mm	2-16mm	10mm 2	50
	2-16mm bot.	2-16mm	2-16mm	2-16mm	10mm 100	REST 200
						SPLICE 100

SCHEDULE OF SLAB

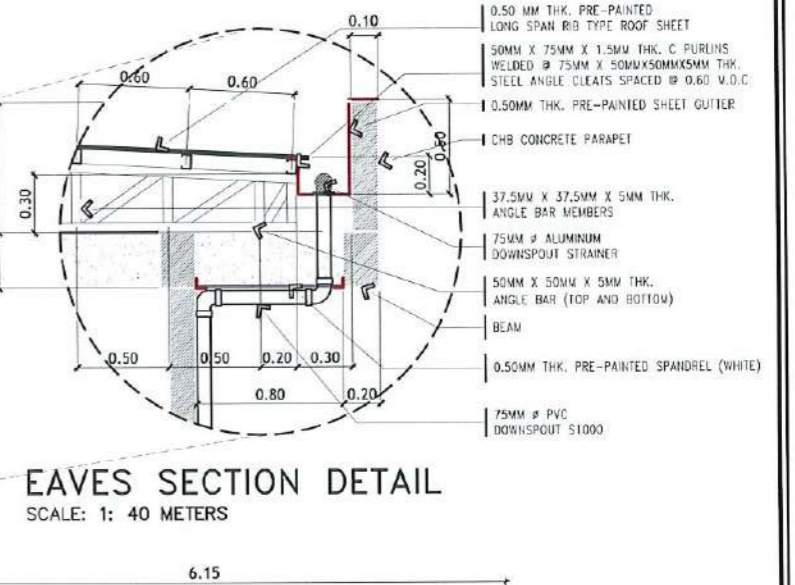
MARK	THICKNESS	REINFORCEMENT	EXTERIOR SUPPORT		MIDPANEL		INTERIOR SUPPORT	
			TOP BAR	BOTTOM BAR	TOP BAR	BOTTOM BAR	TOP BAR	BOTTOM BAR
SOG	125mm	ALONG LONG SIDE	N/A	12mm @ 400mm	N/A	12mm @ 400mm	N/A	12mm @ 400mm
		ALONG SHORT SIDE	N/A	12mm @ 400mm	N/A	12mm @ 400mm	N/A	12mm @ 400mm



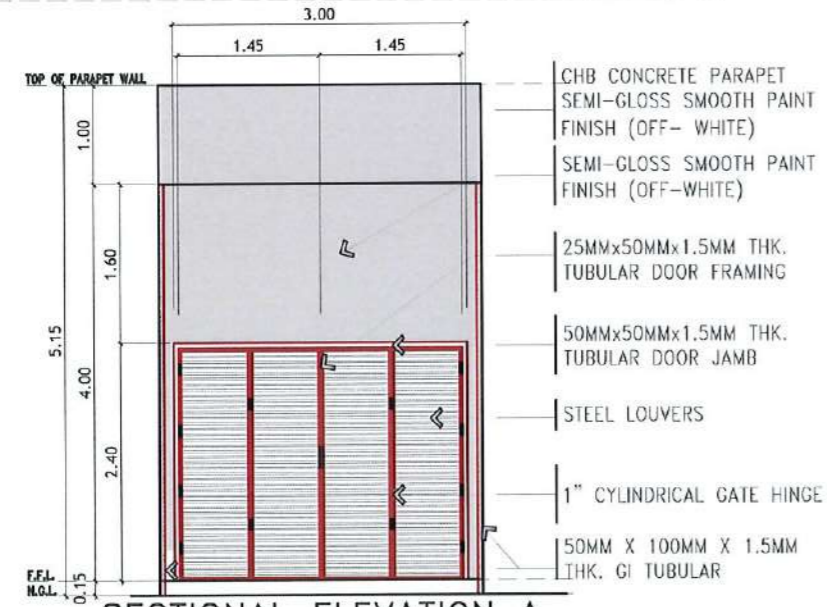
CONCRETE PARAPET WALL DETAIL



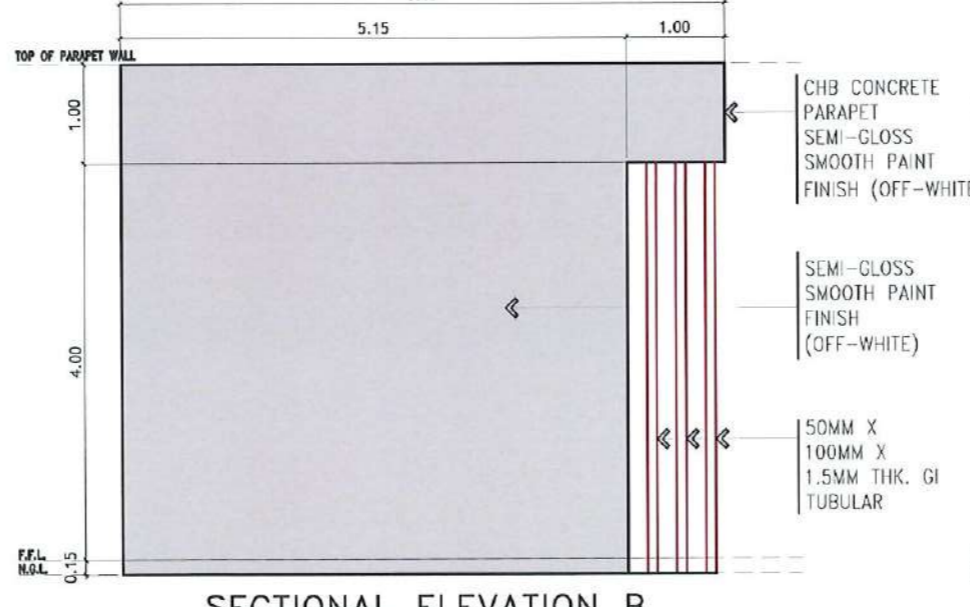
TRUSS DIAGRAM
SCALE: 1: 75 METERS



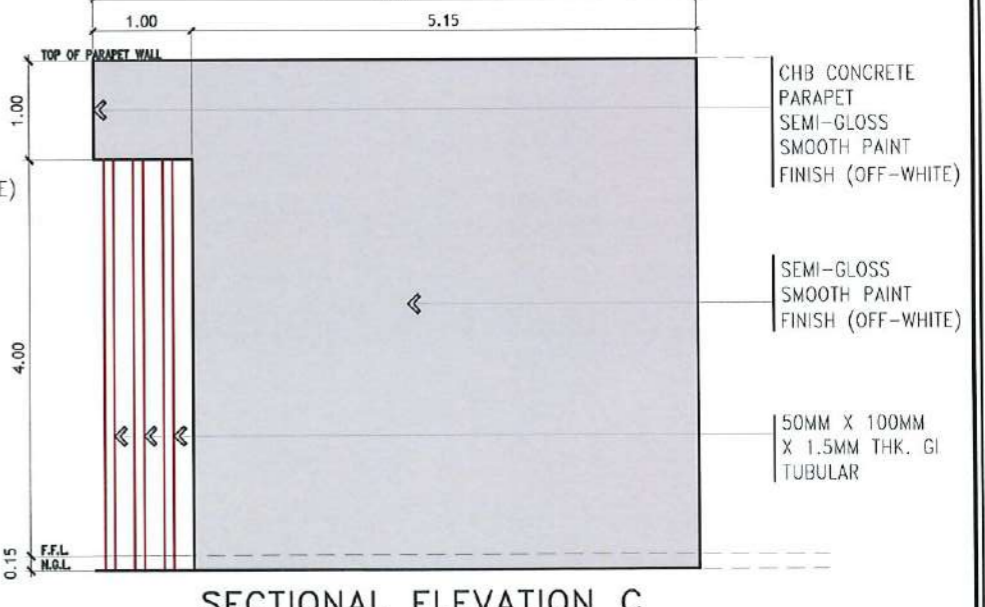
EAVES SECTION DETAIL
SCALE: 1: 40 METERS



SECTIONAL ELEVATION A
SCALE: 1: 75 METERS

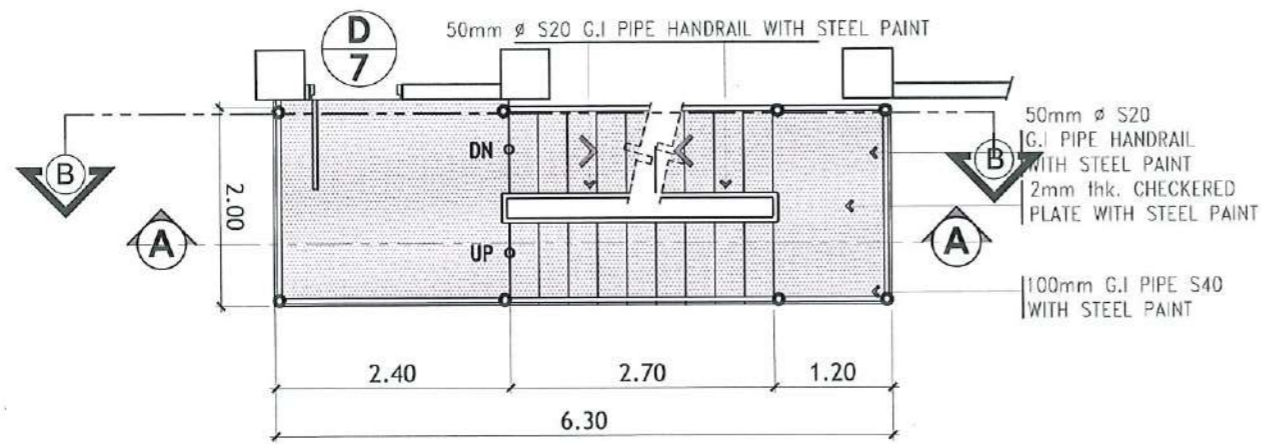


SECTIONAL ELEVATION B
SCALE: 1: 75 METERS

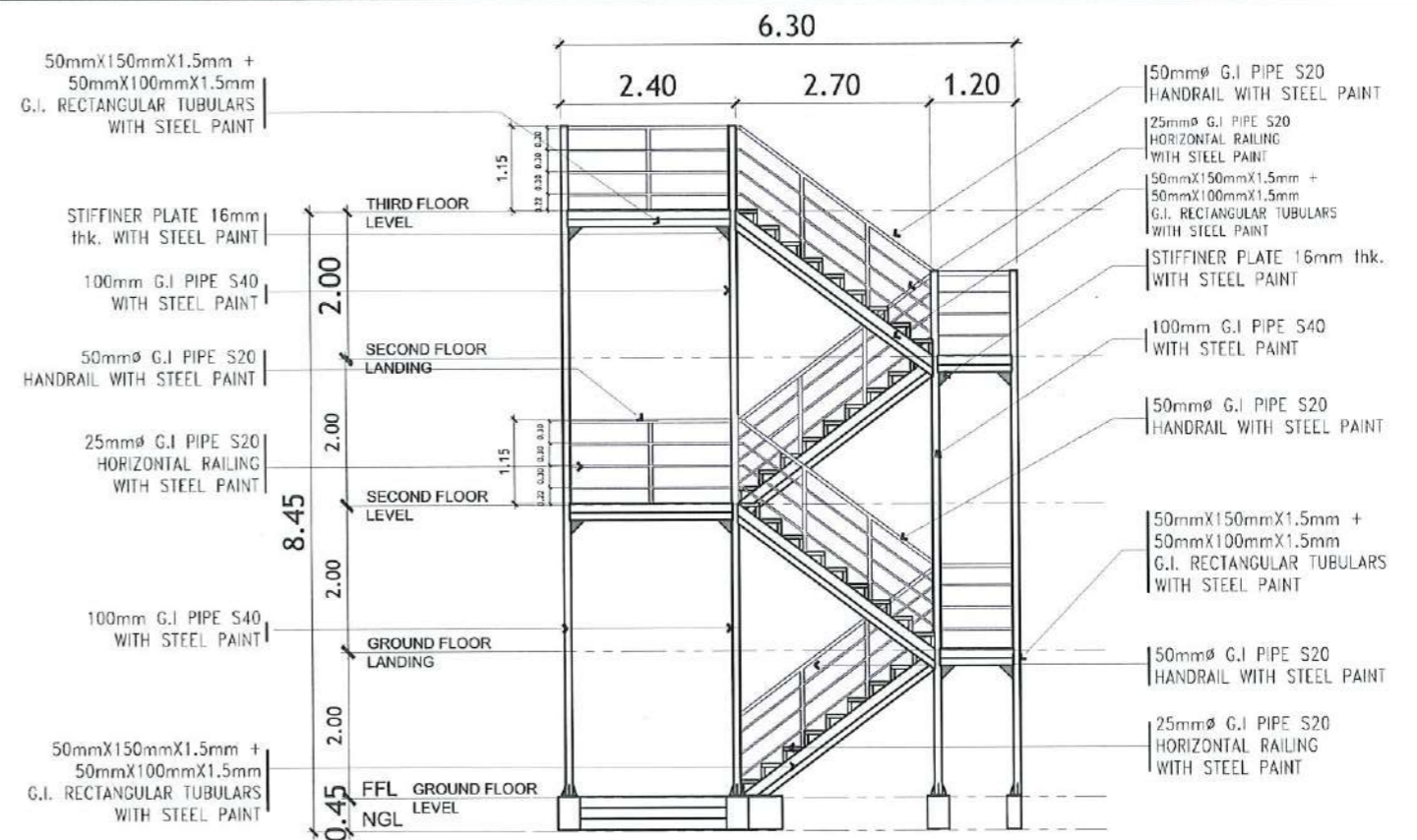


SECTIONAL ELEVATION C
SCALE: 1: 75 METERS

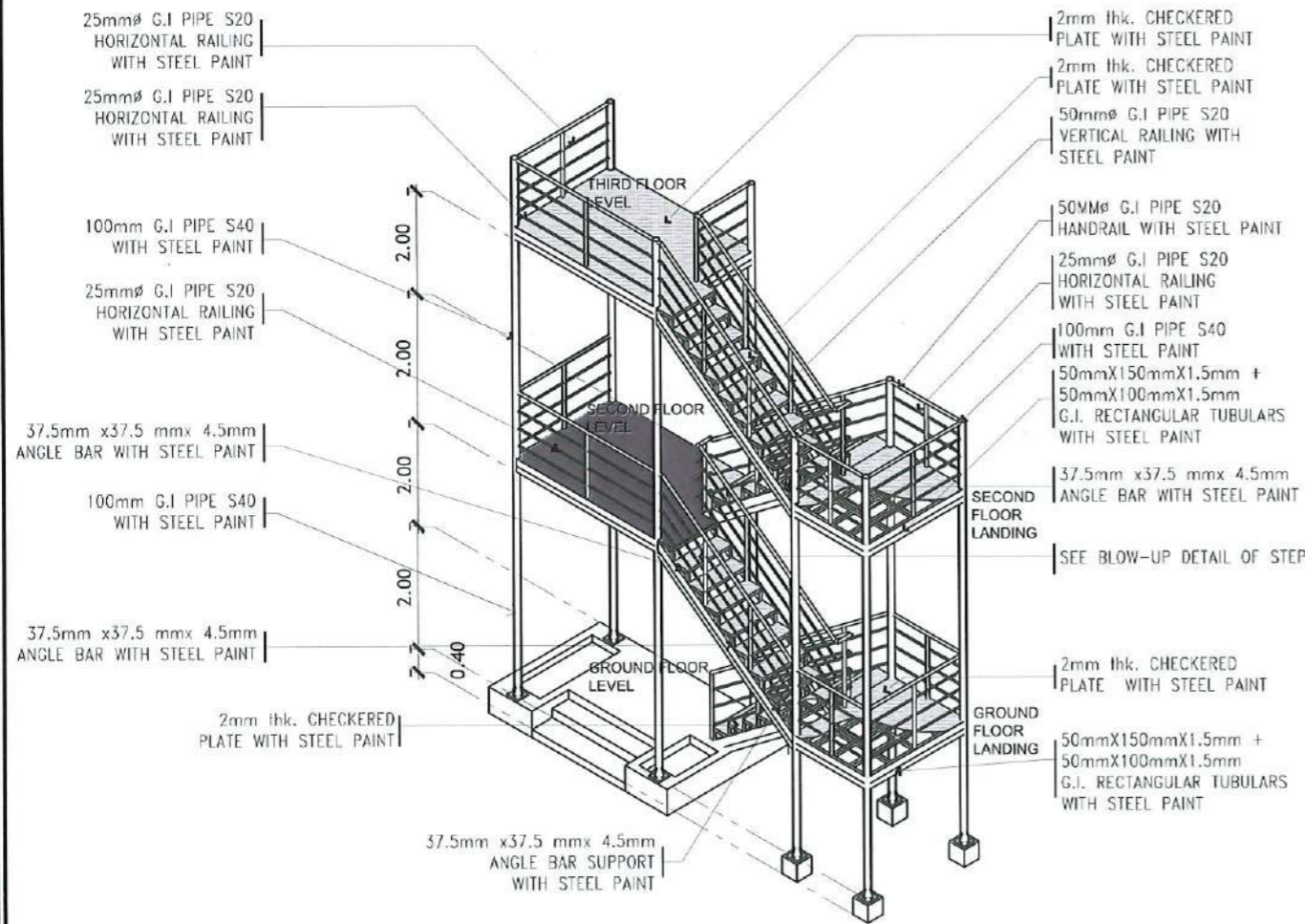
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE II)		DR. EDWIN T. CAOLENG DEAN, CPAIS	AR. ULYSSES B. CALUYA ARCHITECT, FOMD	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FOMD	AR. CHERRY L. FABIANES DIRECTOR, FOMD	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-71
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO. 71/163



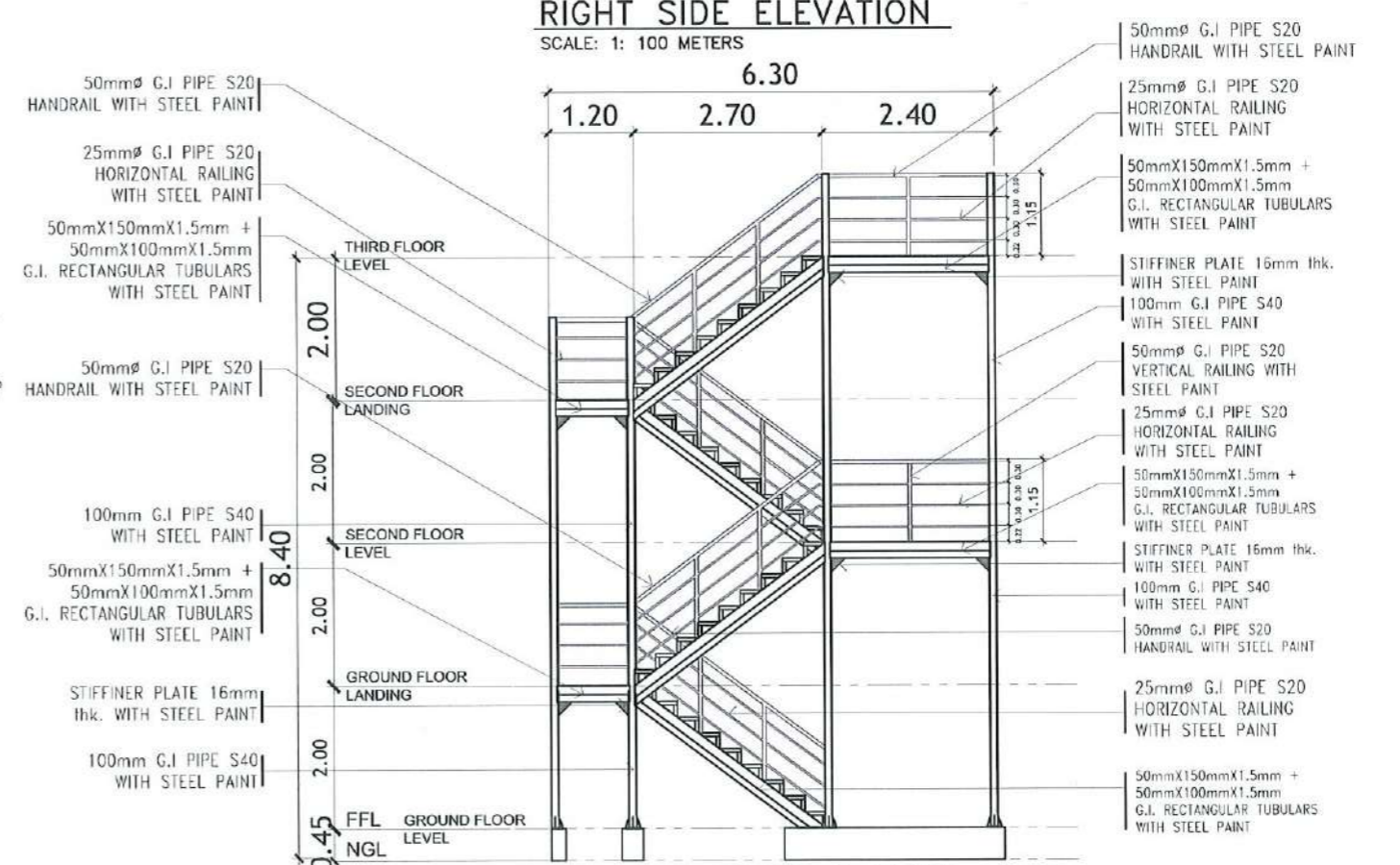
FIRE EXIT FLOOR PLAN
SCALE: 1: 75 METERS



RIGHT SIDE ELEVATION
SCALE: 1: 100 METERS

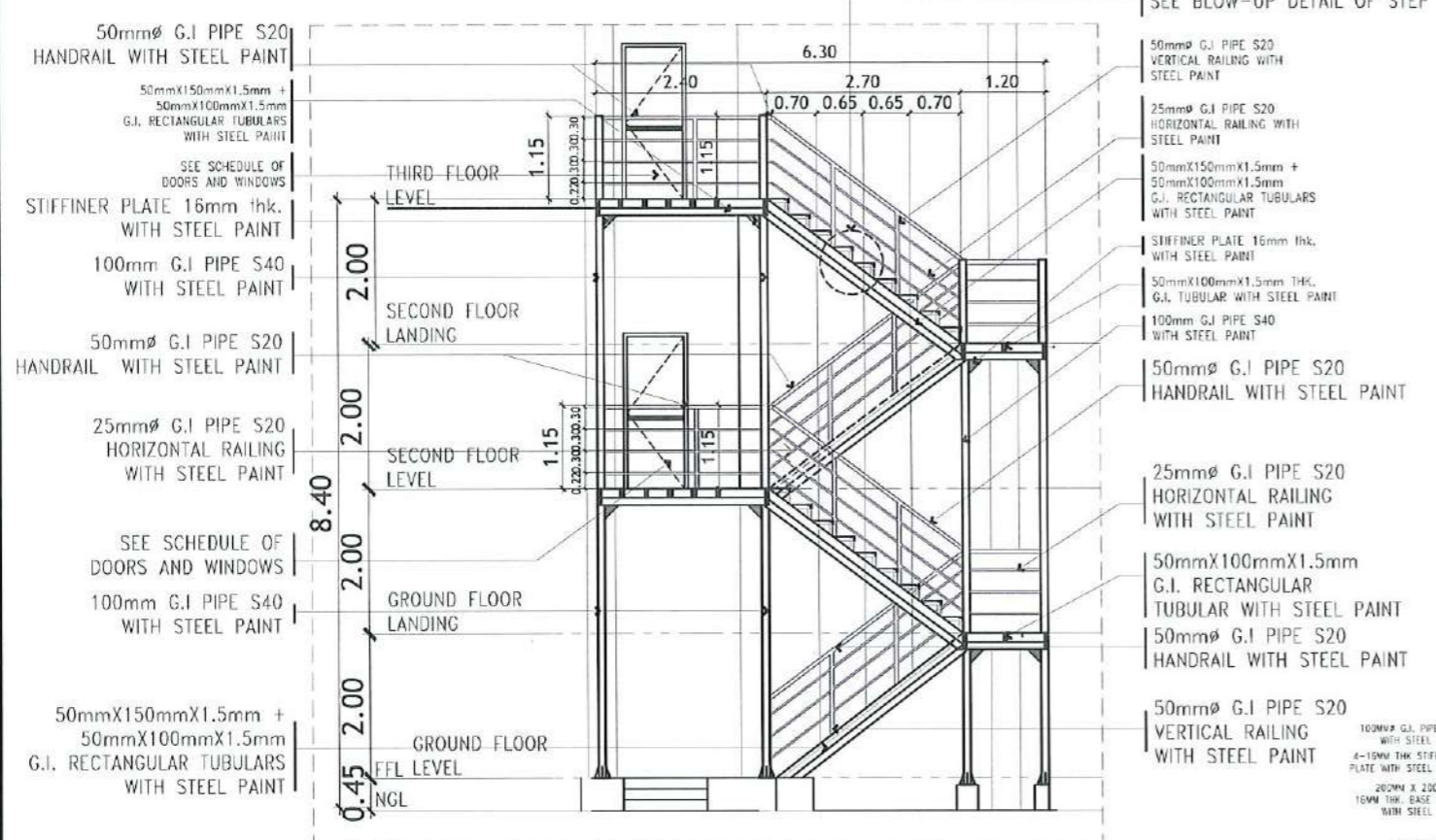


ISOMETRIC VIEW DETAILS
SCALE: 1: NTS

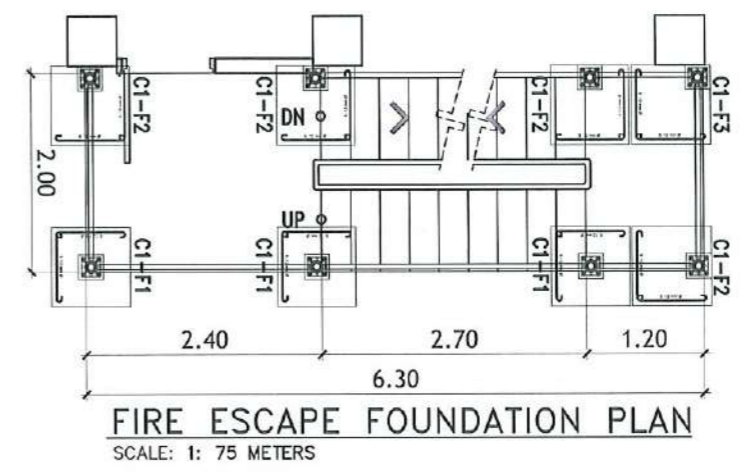


SECTIONAL ELEVATION THRU B-B
SCALE: 1: 100 METERS

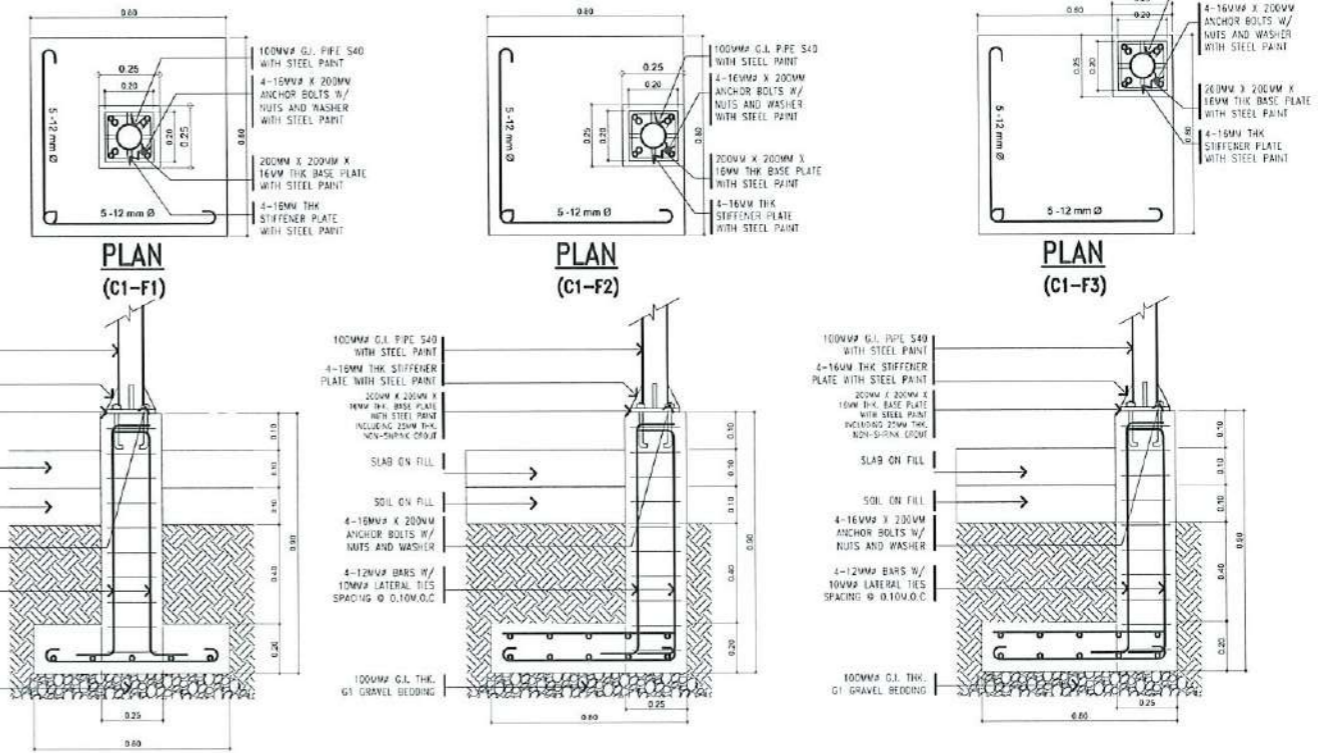
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
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	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DEAN, CPAG	ARCHITECT, FDMO	PLANNING UNIT HEAD, FDMO	DIRECTOR, FDMO	VP ADMINISTRATION AND FINANCE	PRESIDENT	DATE: SEPTEMBER 2023



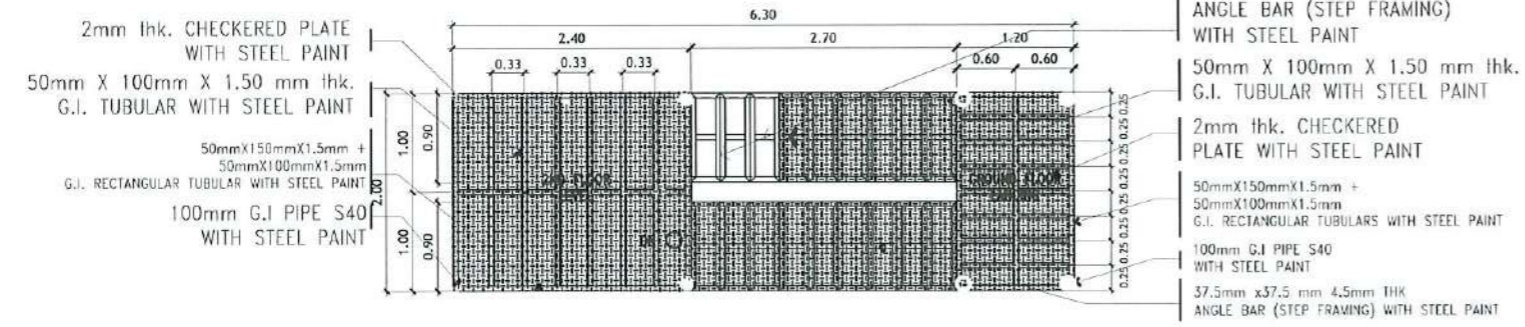
DETAIL OF SECTION THRU A-A
SCALE: 1: 100 METERS



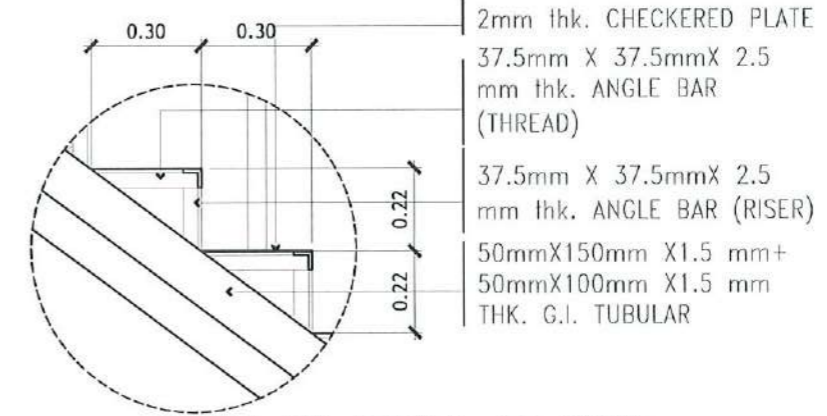
FIRE ESCAPE FOUNDATION PLAN
SCALE: 1: 75 METERS



TYPICAL FIRE EXIT CONCRETE PEDESTAL DETAILS
SCALE: 1: 30 METERS

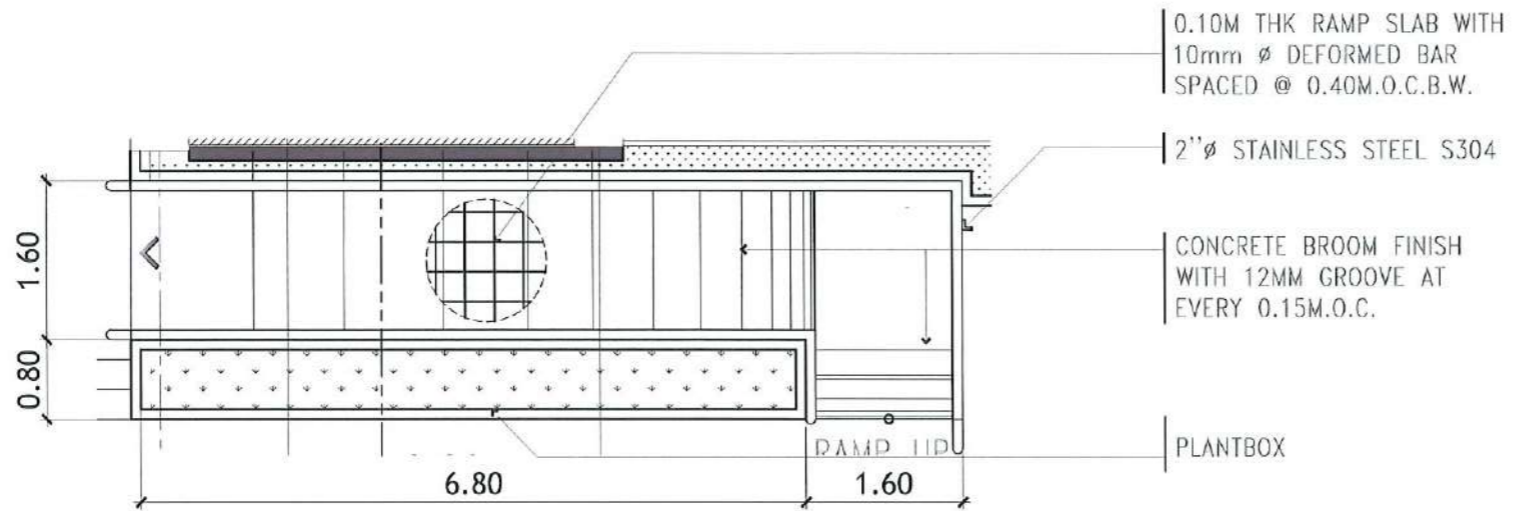


FIRE ESCAPE FLOOR FRAMING PLAN
SCALE: 1: 75 METERS

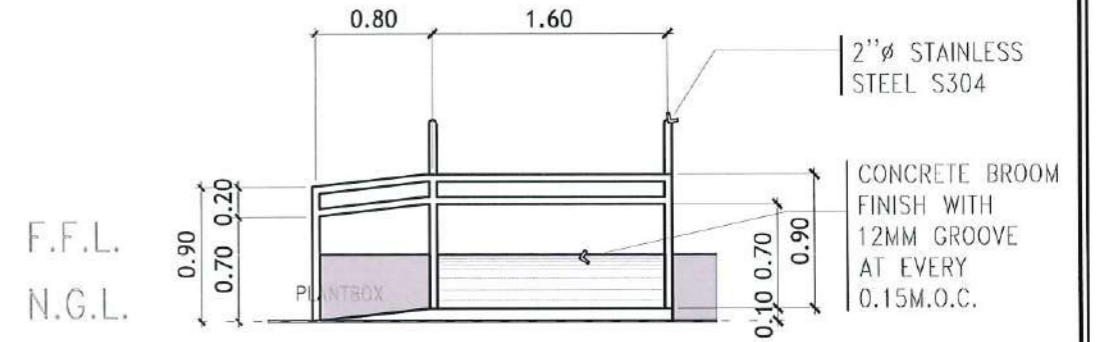


BLOW-UP DETAIL OF STEP
SCALE: 1: 20 METERS

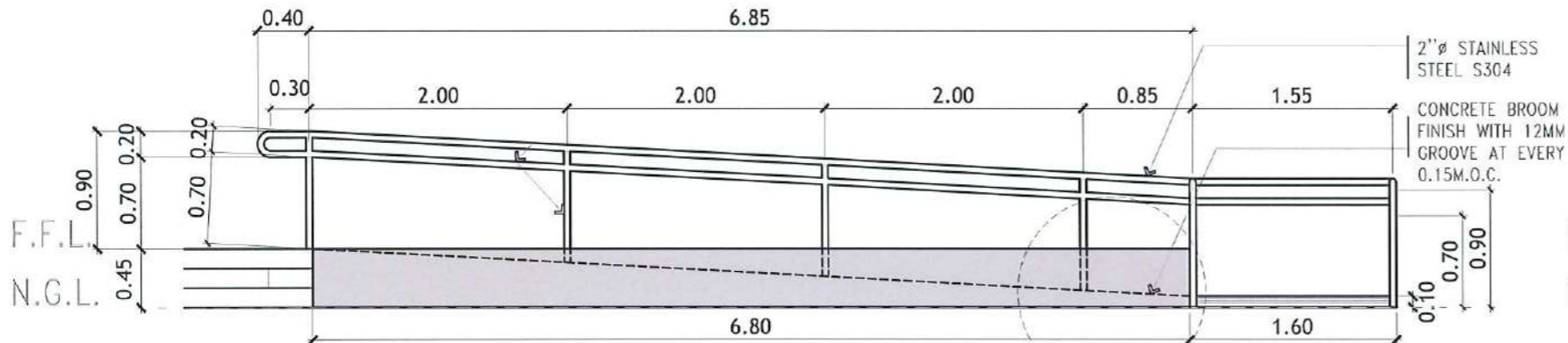
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FOMD	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FOMD	AR. CHERRY L. FABIANES DIRECTOR, FOMD	DR. GRACEN M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-73
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO. 73/163



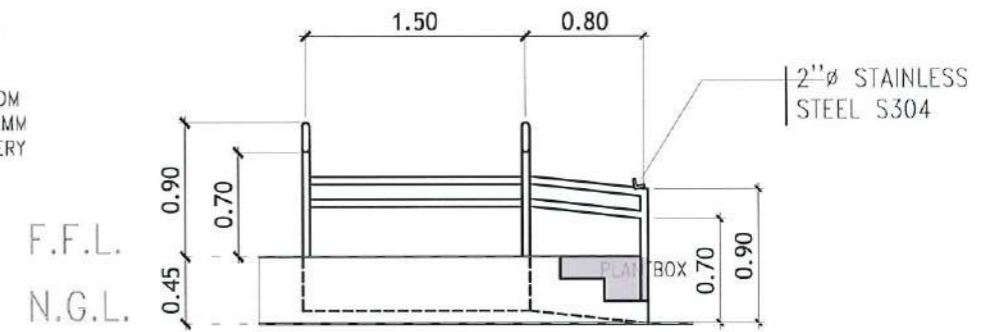
RAMP BLOW-UP PLAN
SCALE: 1: 75 METERS



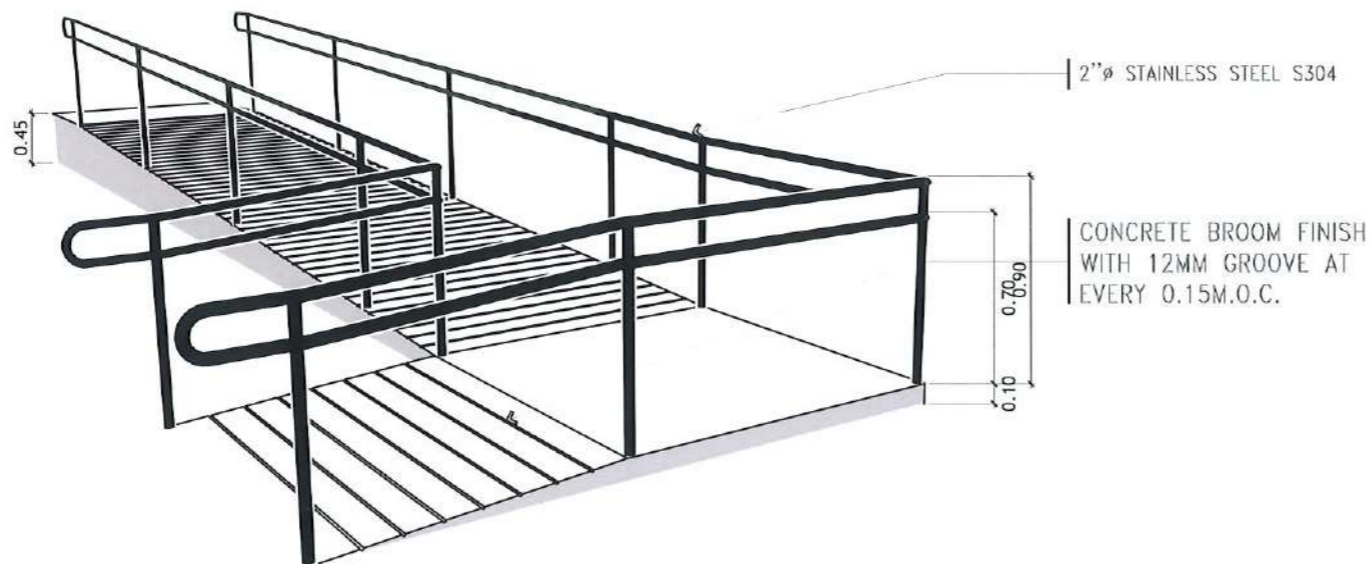
SECTIONAL ELEVATION B
SCALE: 1: 50 METERS



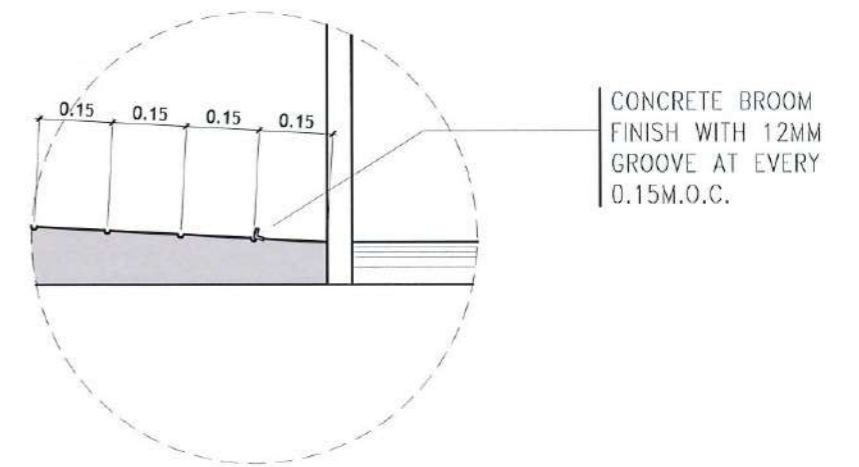
SECTIONAL ELEVATION A
SCALE: 1: 50 METERS



SECTIONAL ELEVATION C
SCALE: 1: 50 METERS



RAMP ISOMETRIC
SCALE: 1: 75 NTS



BLOW-UP DETAIL
SCALE: 1: 20 METERS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

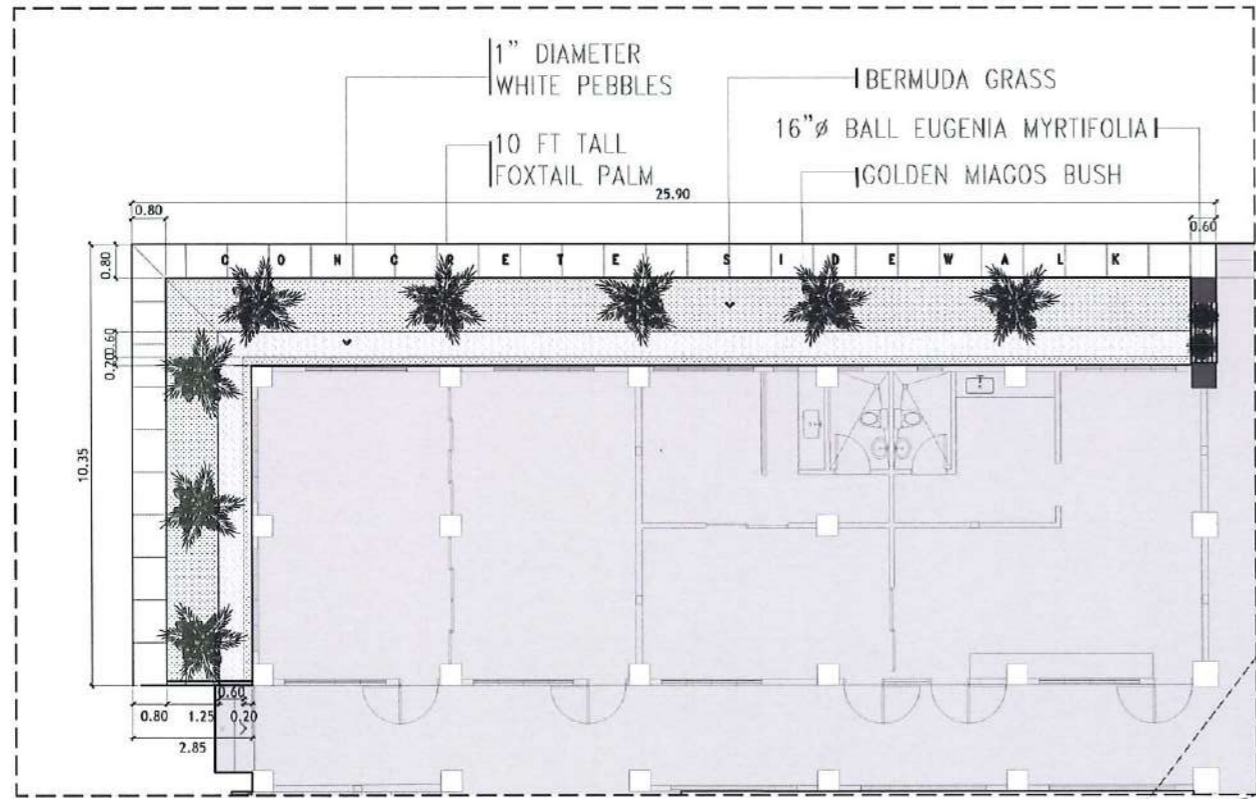
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

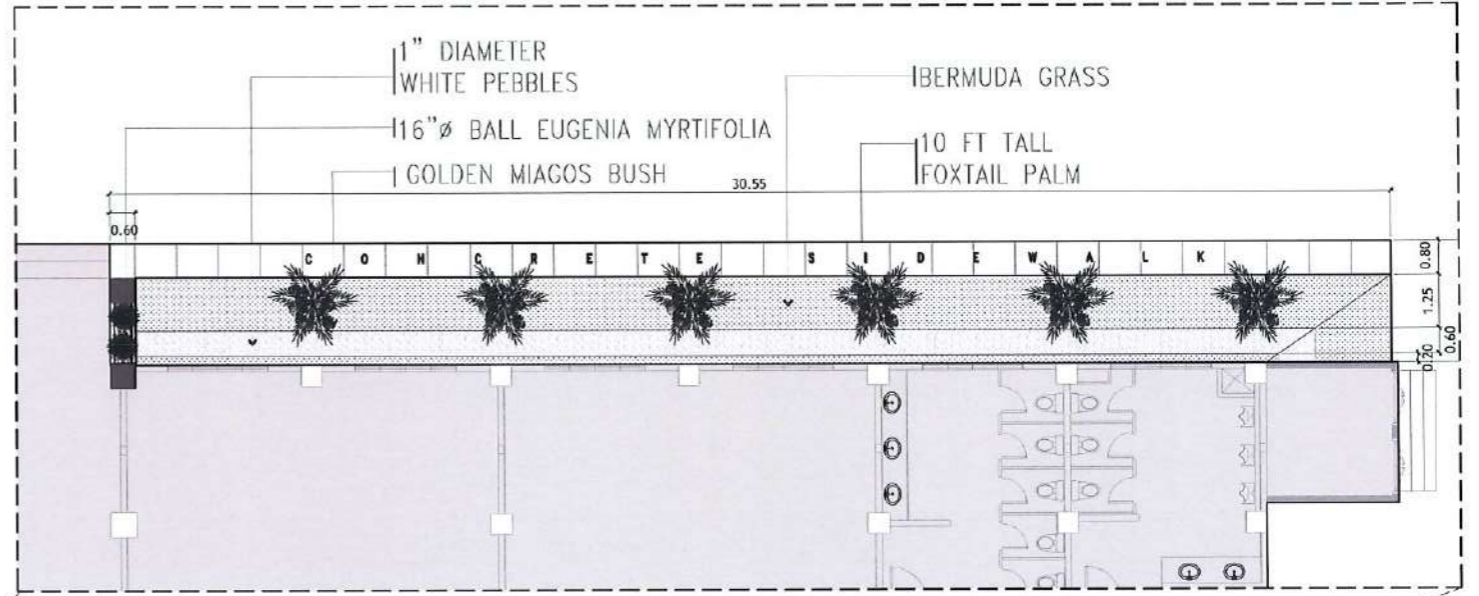
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

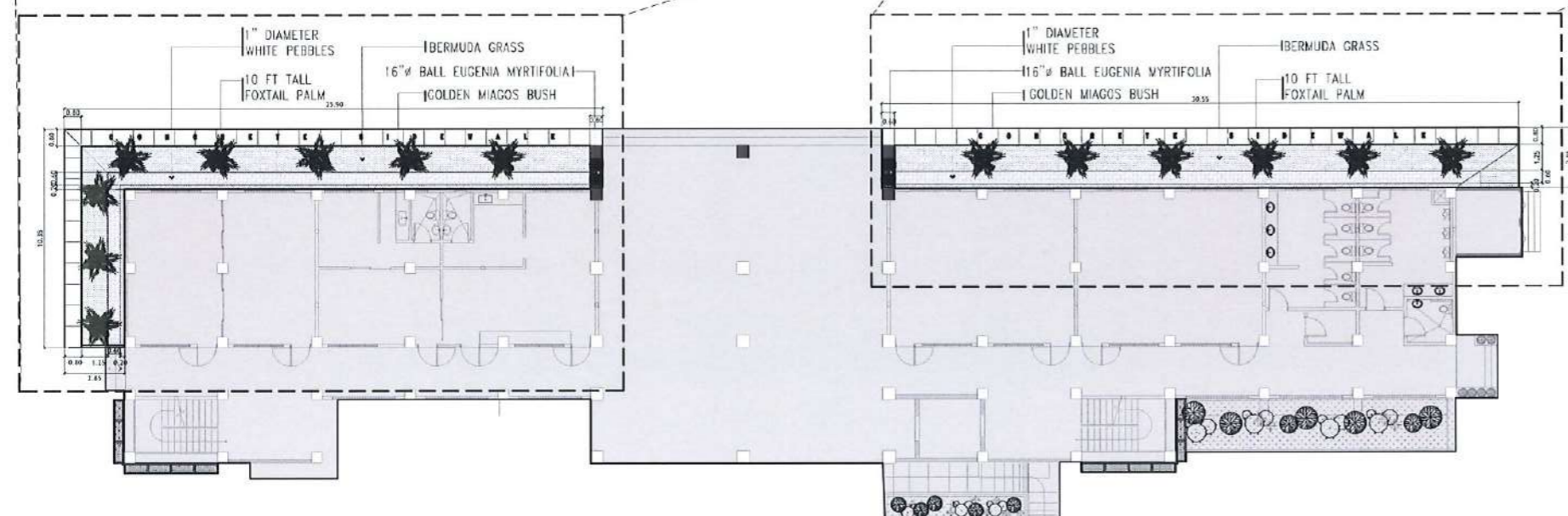
SHEET NO:
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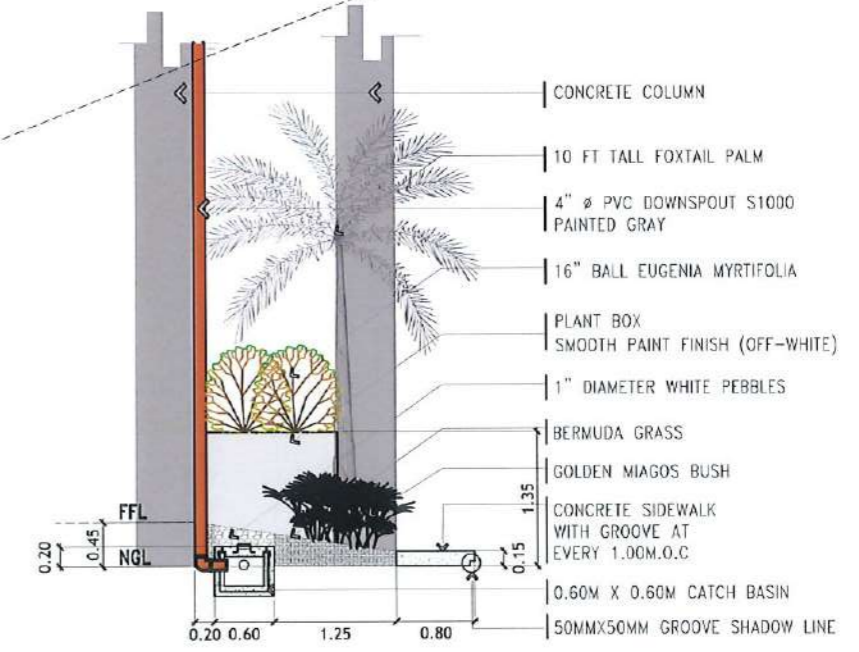
LEFT SIDE PLANT BOX BLOW-UP
SCALE: 1:75 METERS




RIGHT SIDE PLANT BOX BLOW-UP
SCALE: 1:75 METERS

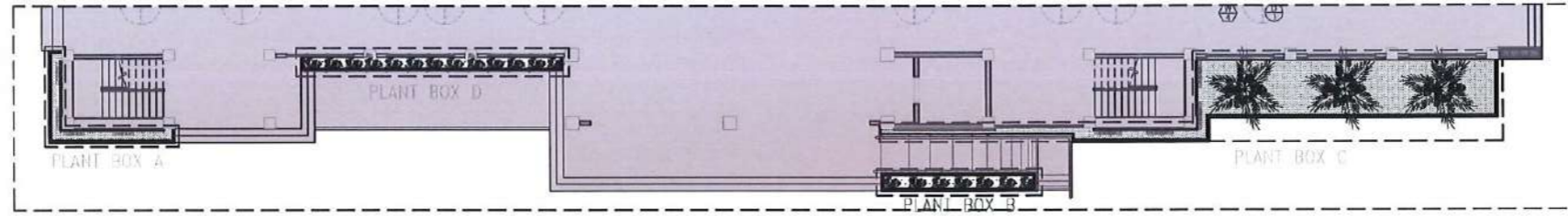


REAR PLANT BOX KEY PLAN
SCALE: 1:300 METERS

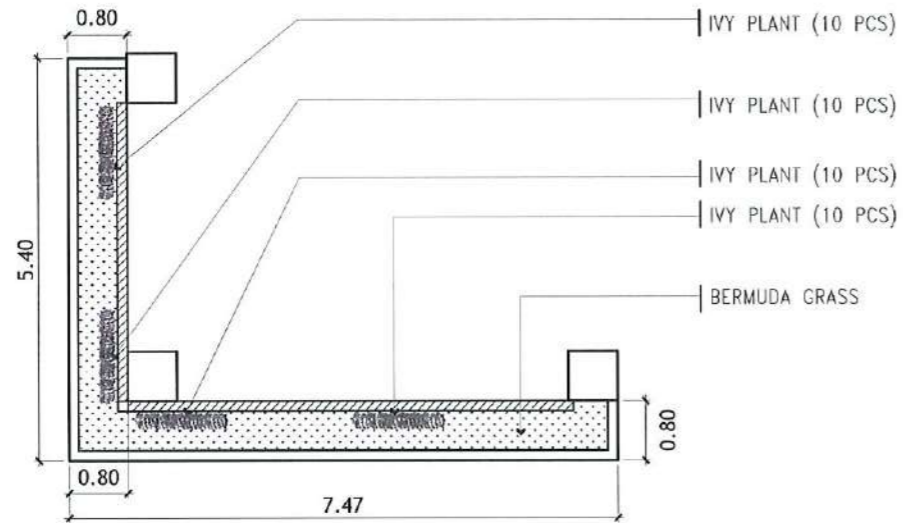


PLANT BOX SECTION DETAIL
SCALE: 1:75 METERS

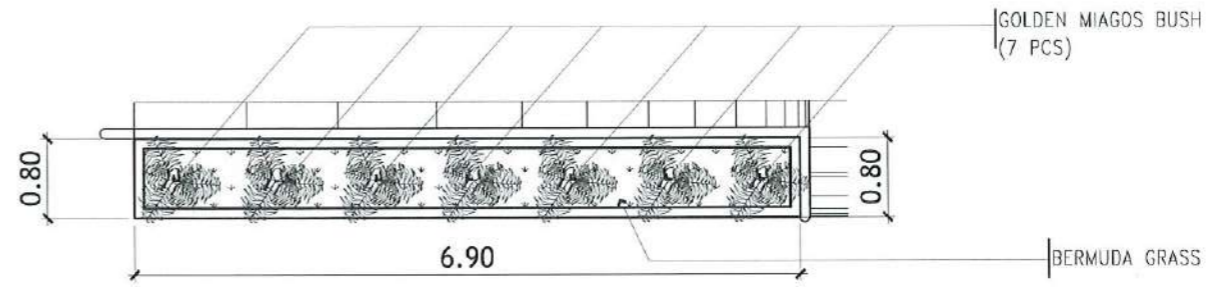
 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CALENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACIN. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-75
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO: 75/163



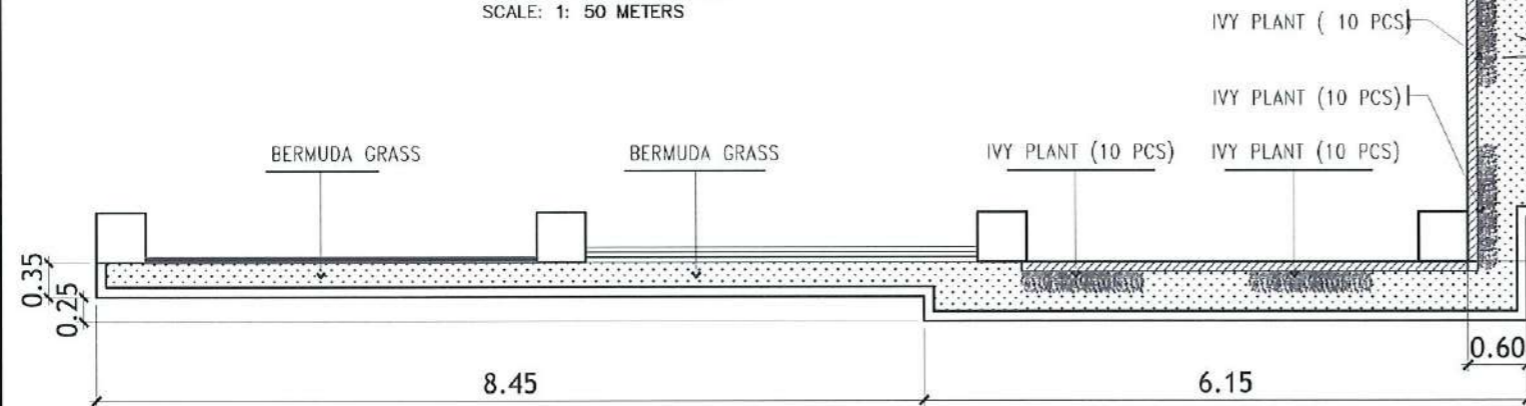
PLANTBOX KEY PLAN
SCALE: 1: 300 METERS



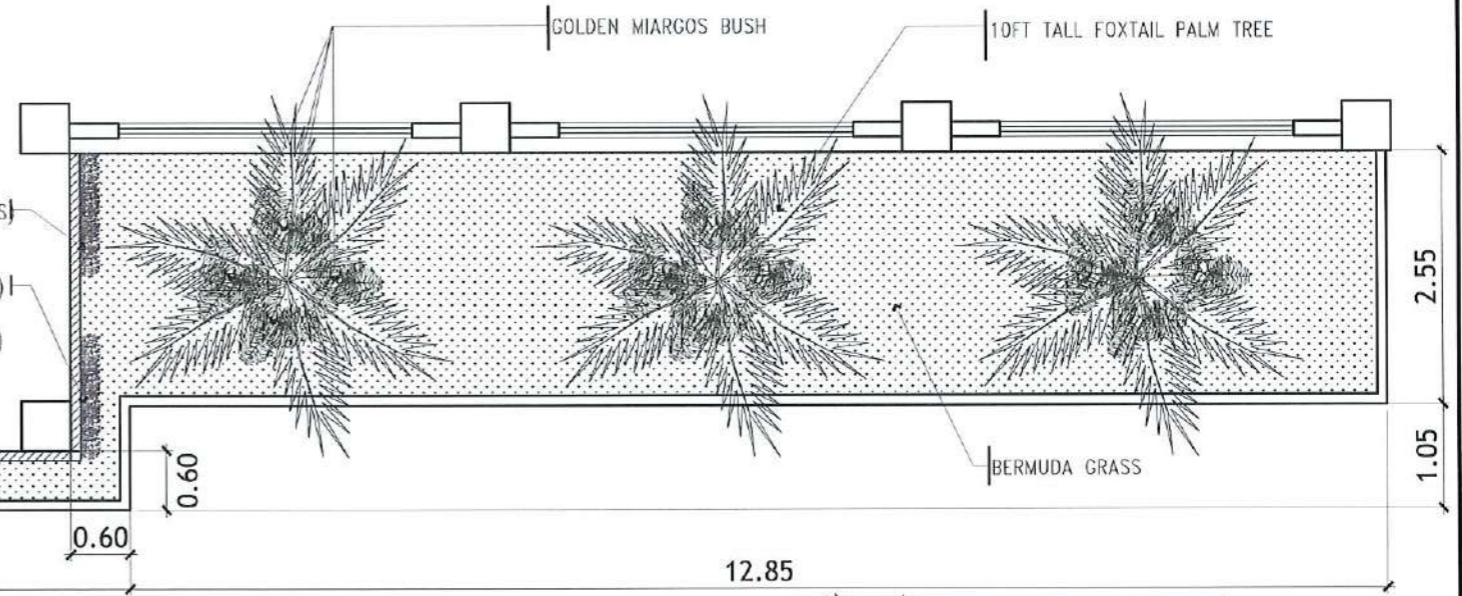
PLANT BOX A
SCALE: 1: 50 METERS



PLANT BOX B
SCALE: 1: 50 METERS



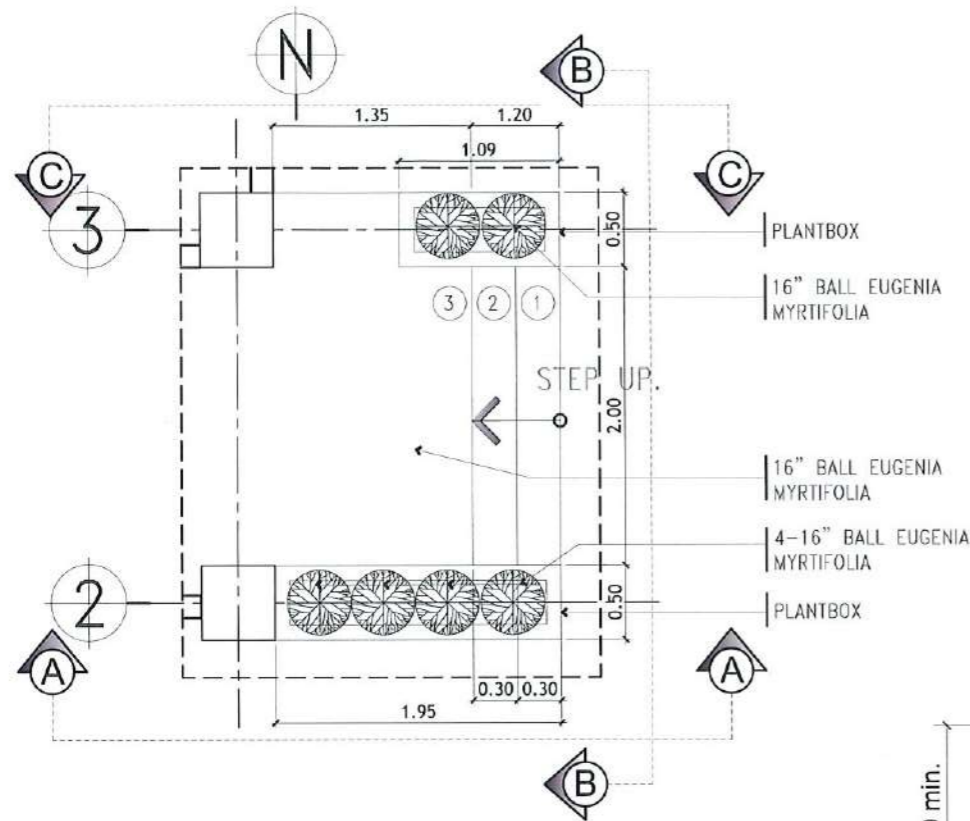
PLANT BOX C
SCALE: 1: 50 METERS



PLANT BOX D
SCALE: 1: 50 METERS

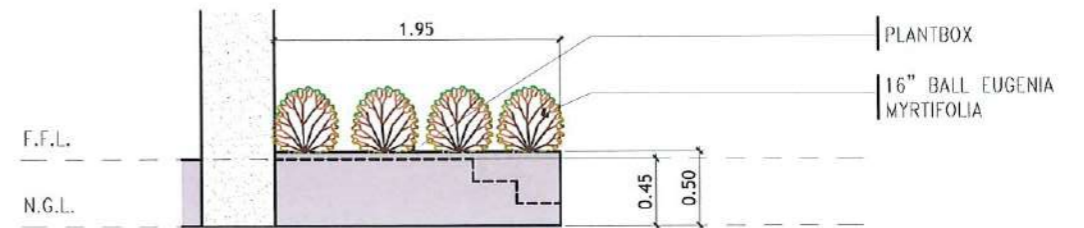
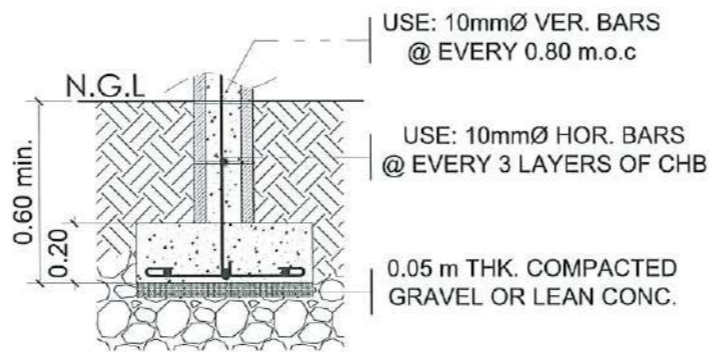
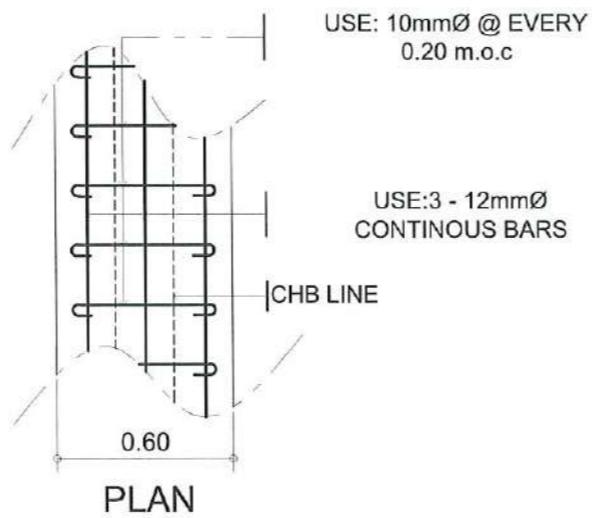
	10 FEET TALL FOXTAIL PALM
	GOLDEN MIAGOS BUSH
	16"Ø BALL EUGENIA MYRTIFOLIA
	IVY PLANT
	BERMUDA GRASS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		 DR. EDWIN T. CAOLENG DEAN, CPAG	 AR. ULYSSES B. CALUYA ARCHITECT, FDMO	 AR. ARLEN M. GUIOB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-76
	PROJECT LOCATION:								LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DATE: SEPTEMBER 2023

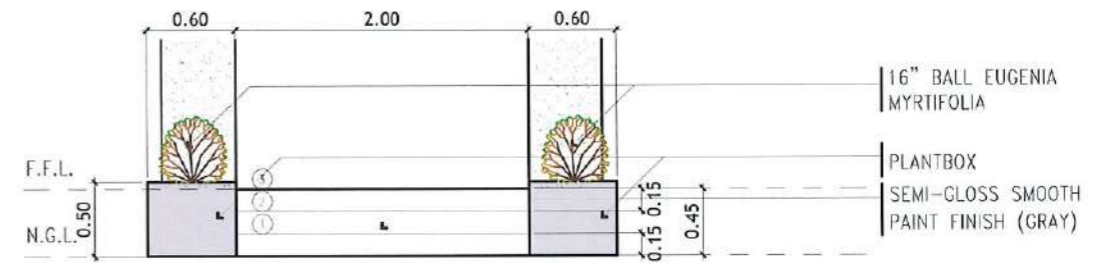


BLOW-UP STEP PLAN

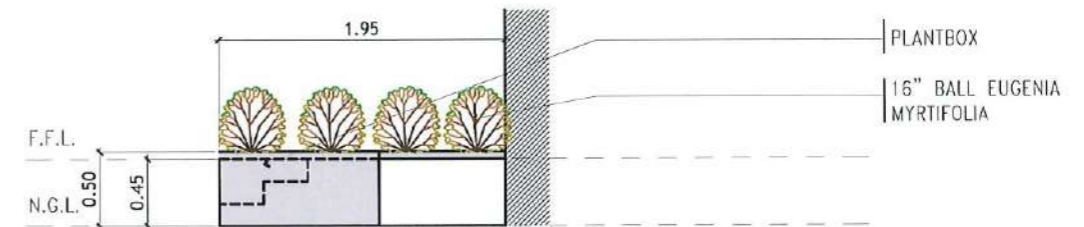
SCALE: 1: 50 METERS



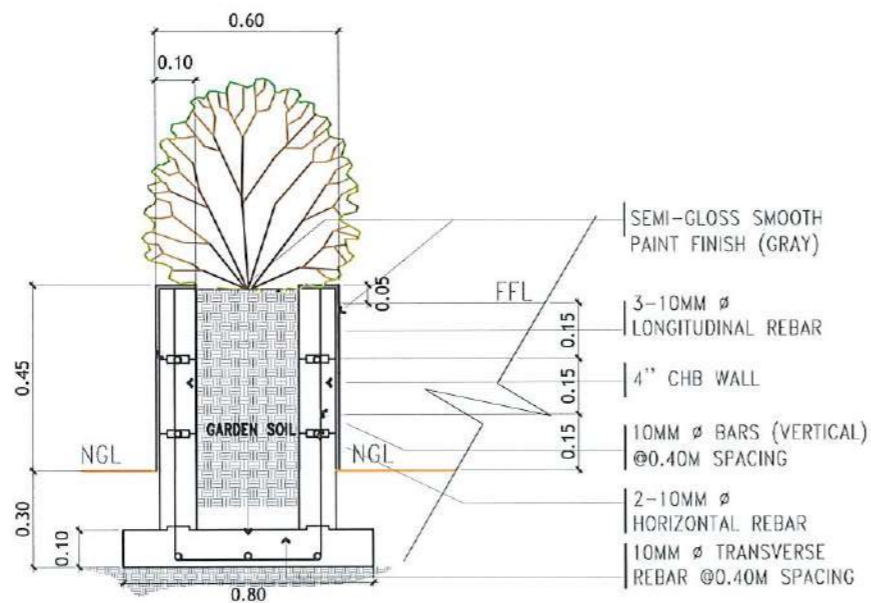
ELEVATION A
SCALE: 1: 50 METERS



ELEVATION B
SCALE: 1: 50 METERS

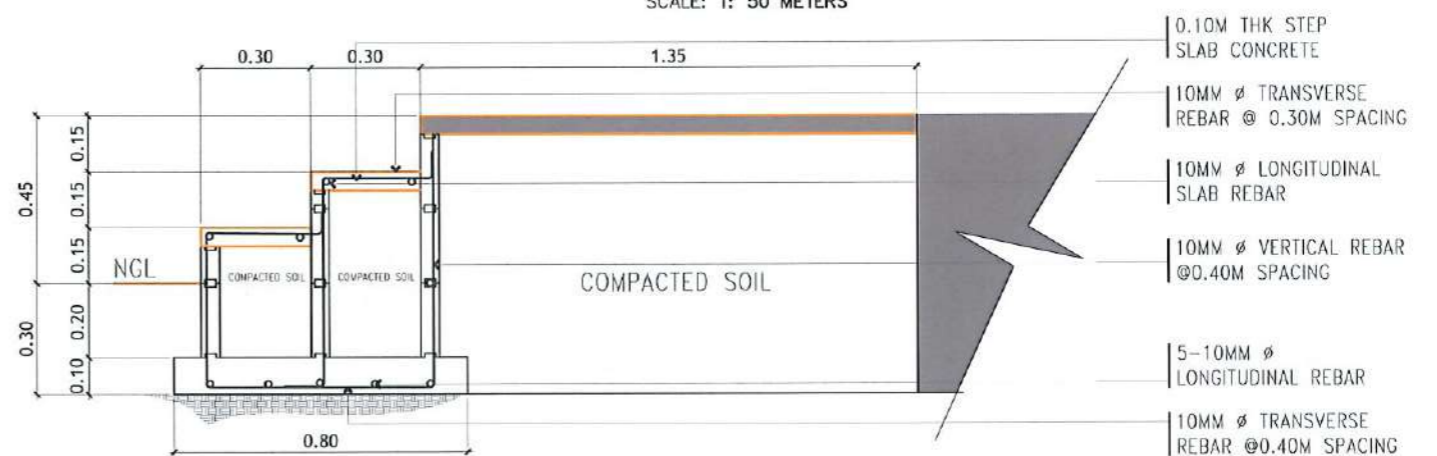


ELEVATION C
SCALE: 1: 50 METERS



TYPICAL PLANTBOX CHB FOOTING DETAILS

SCALE: 1: 20 METERS



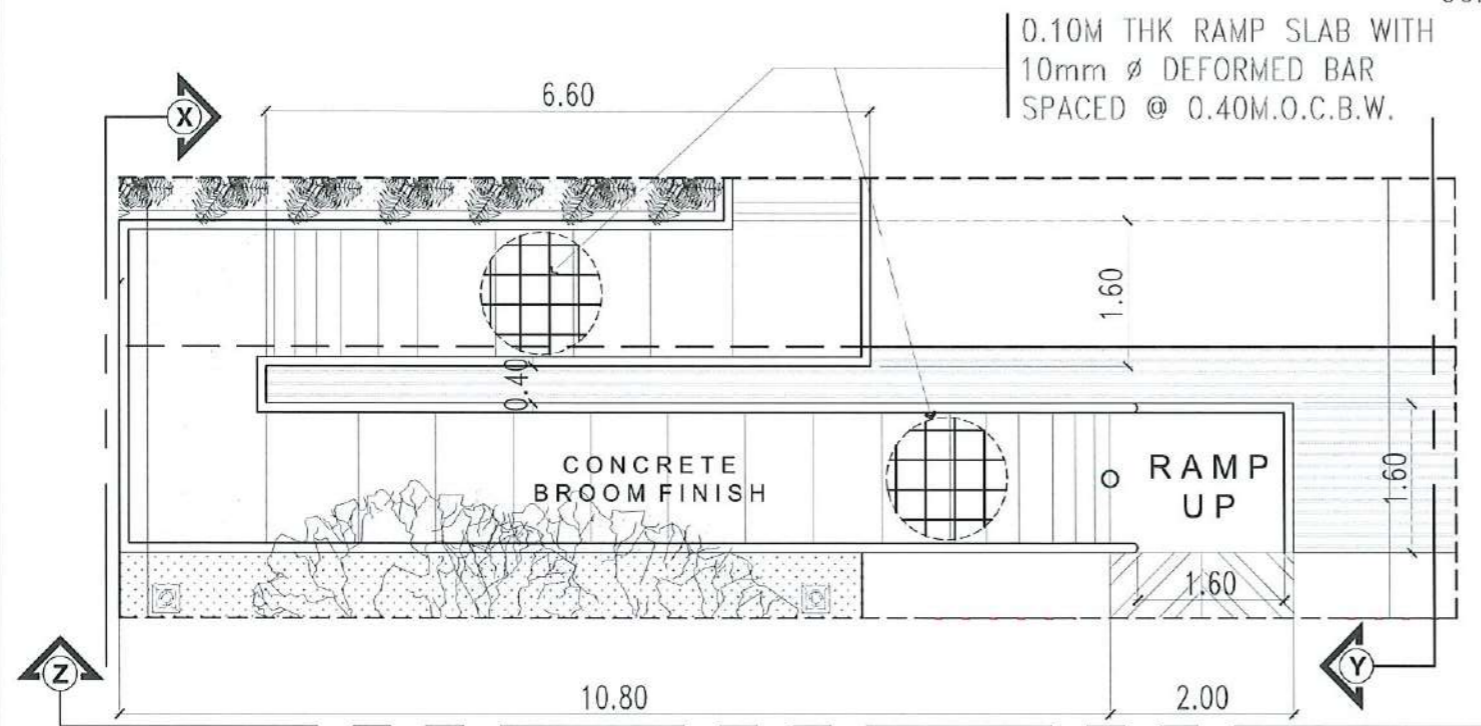
TYPICAL STEP CHB FOOTING DETAILS

SCALE: 1: 20 METERS

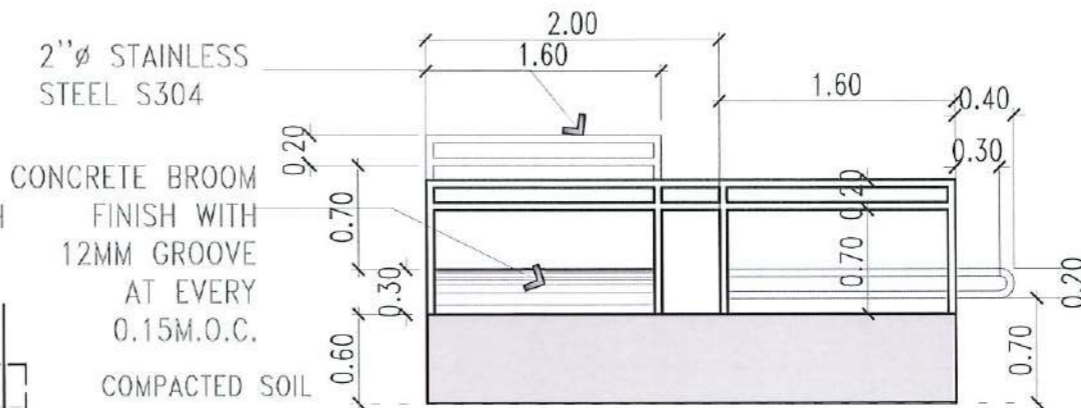


TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 3100

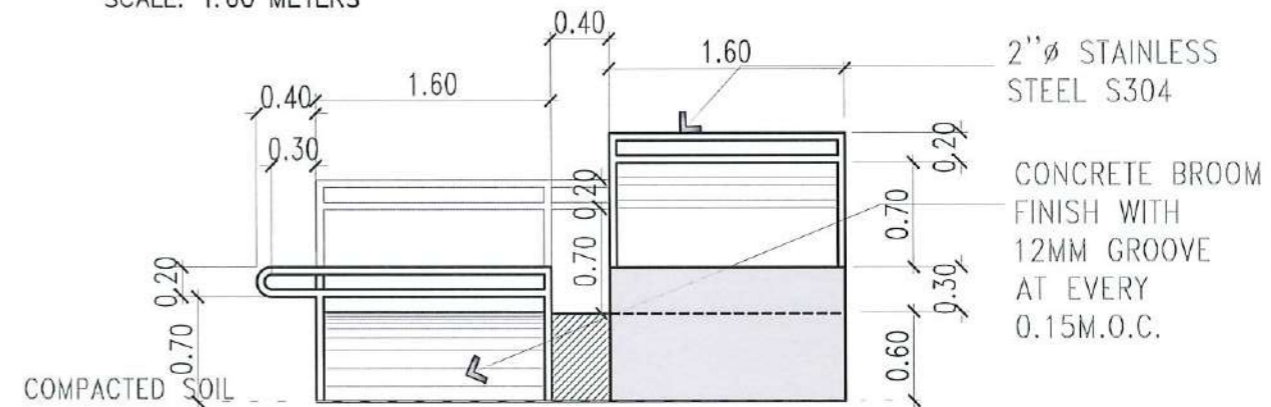
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS: AS SHOWN	SHEET NO: A-77
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE A. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO: 77/163



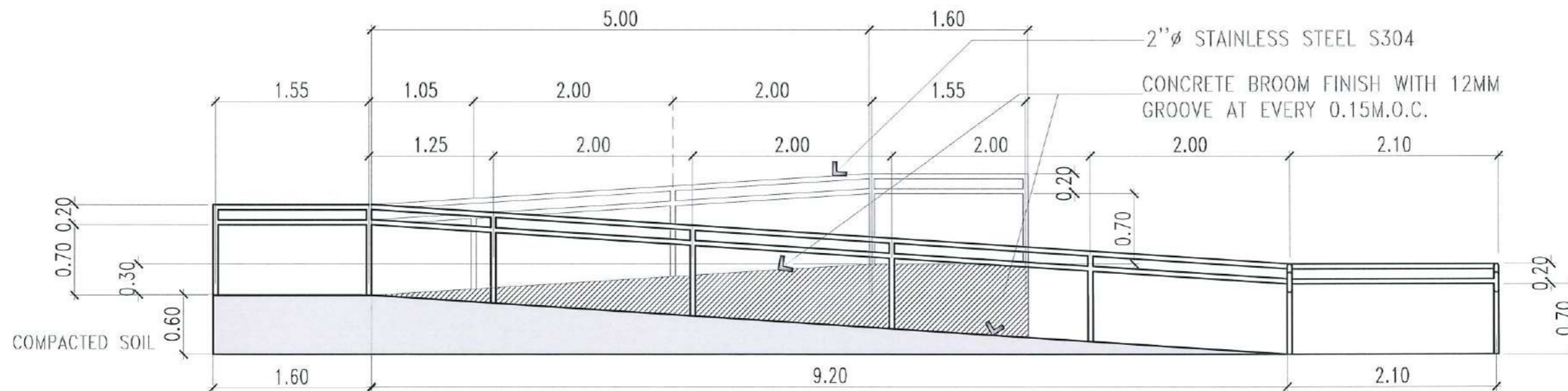
RAMP BLOW-UP PLAN
SCALE: 1:80 METERS



RAMP SECTIONAL ELEVATION THRU X
SCALE: 1:60 METERS



RAMP SECTIONAL ELEVATION THRU Y
SCALE: 1:60 METERS



RAMP SECTIONAL ELEVATION THRU Z
SCALE: 1:60 METERS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
AR. ULYSSES B. CALUYA
ARCHITECT, FDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

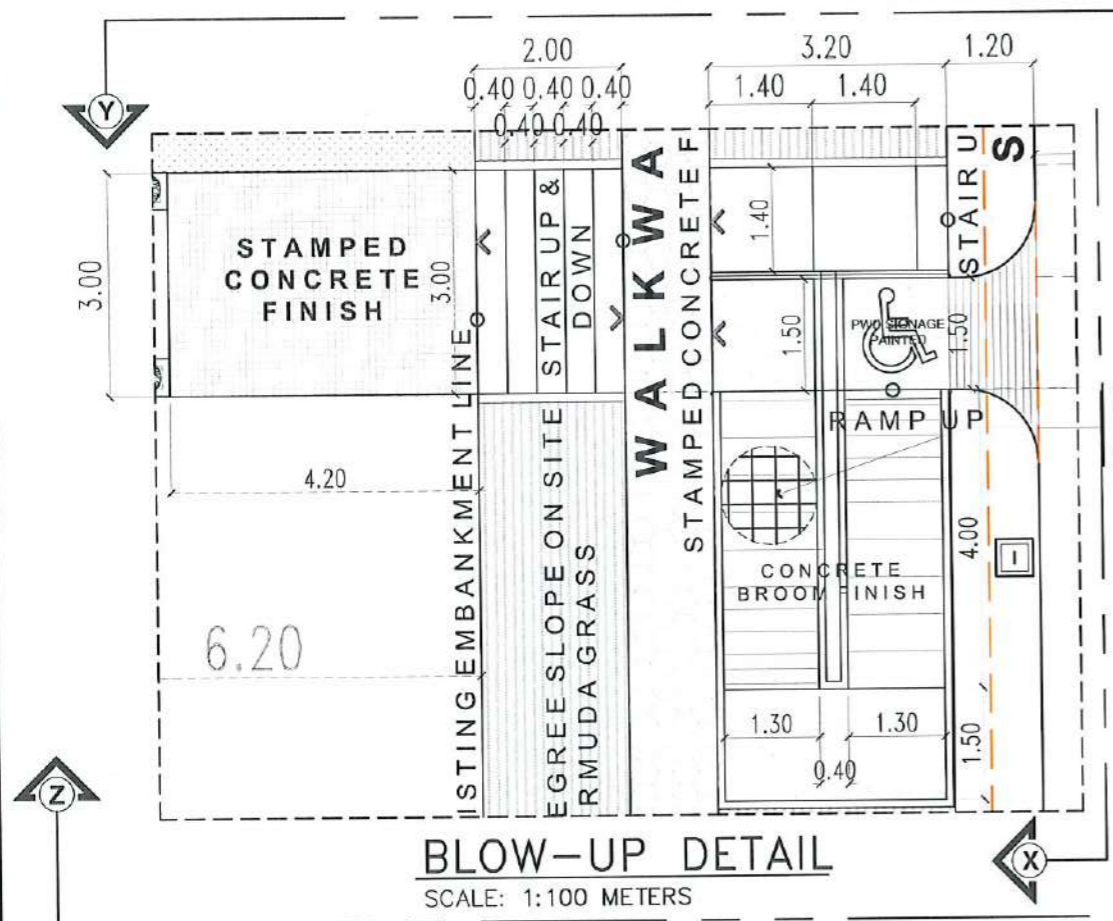
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACEN ROSETE
VP ADMINISTRATION AND FINANCE

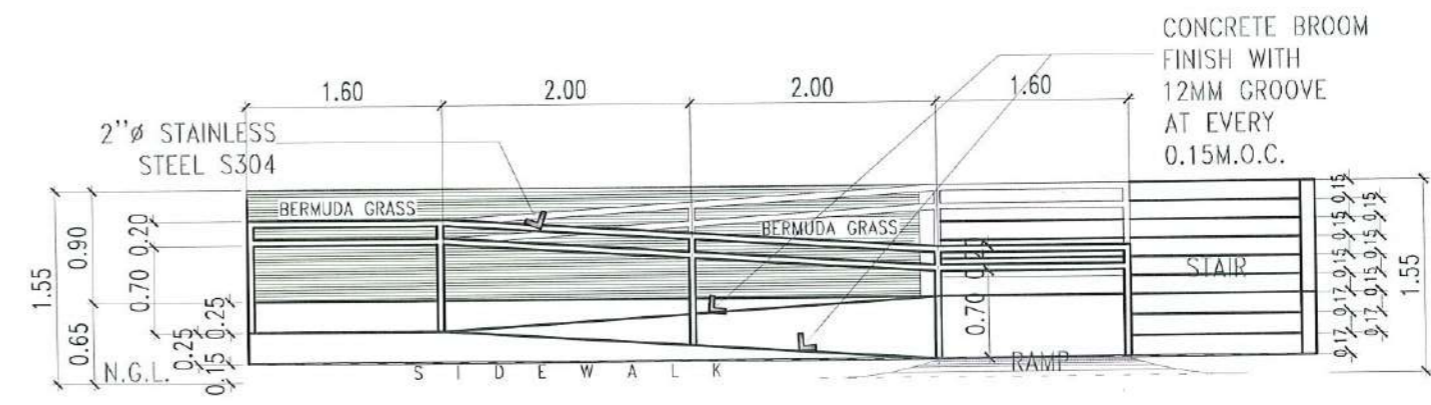
APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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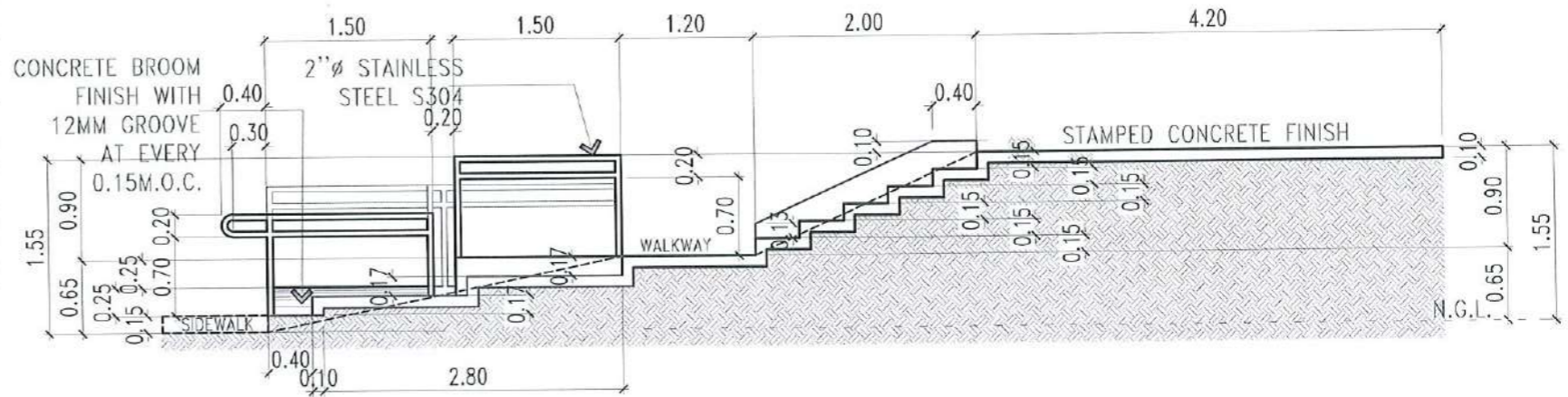


BLOW-UP DETAIL
SCALE: 1:100 METERS

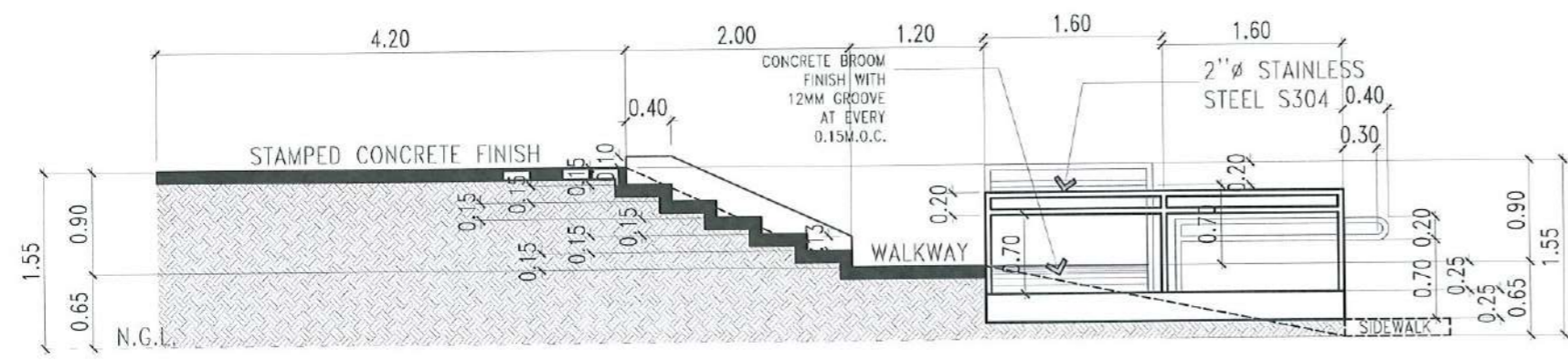


RAMP & STAIR SECTIONAL ELEVATION THRU X
SCALE: 1:60 METERS

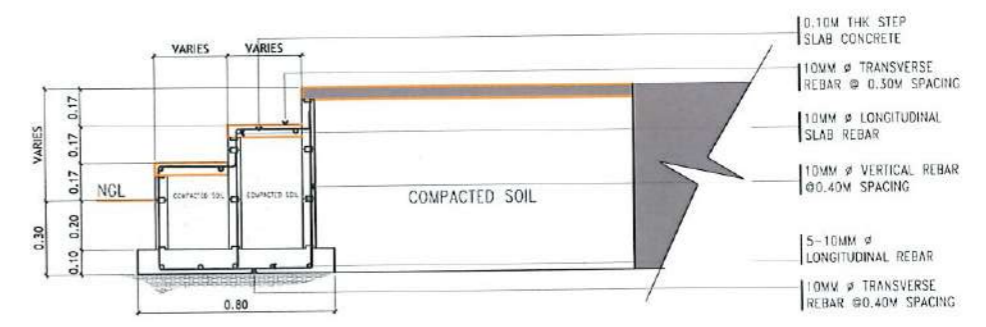
0.10M THK RAMP SLAB WITH
10mm ϕ DEFORMED BAR
SPACED @ 0.40M.O.C.B.W.



RAMP & STAIR SECTIONAL ELEVATION THRU Y
SCALE: 1:60 METERS

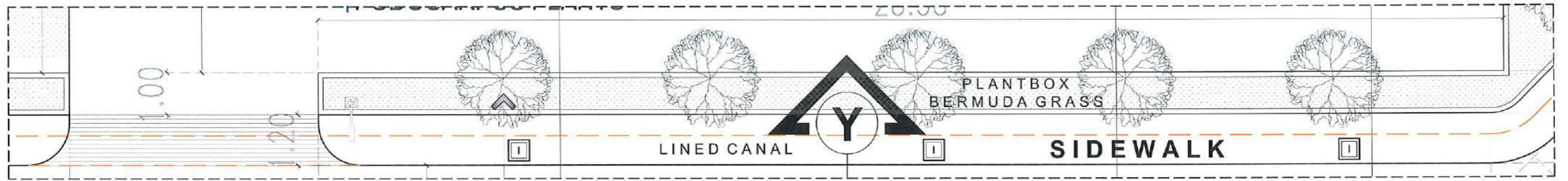


RAMP & STAIR SECTIONAL ELEVATION THRU Z
SCALE: 1:60 METERS



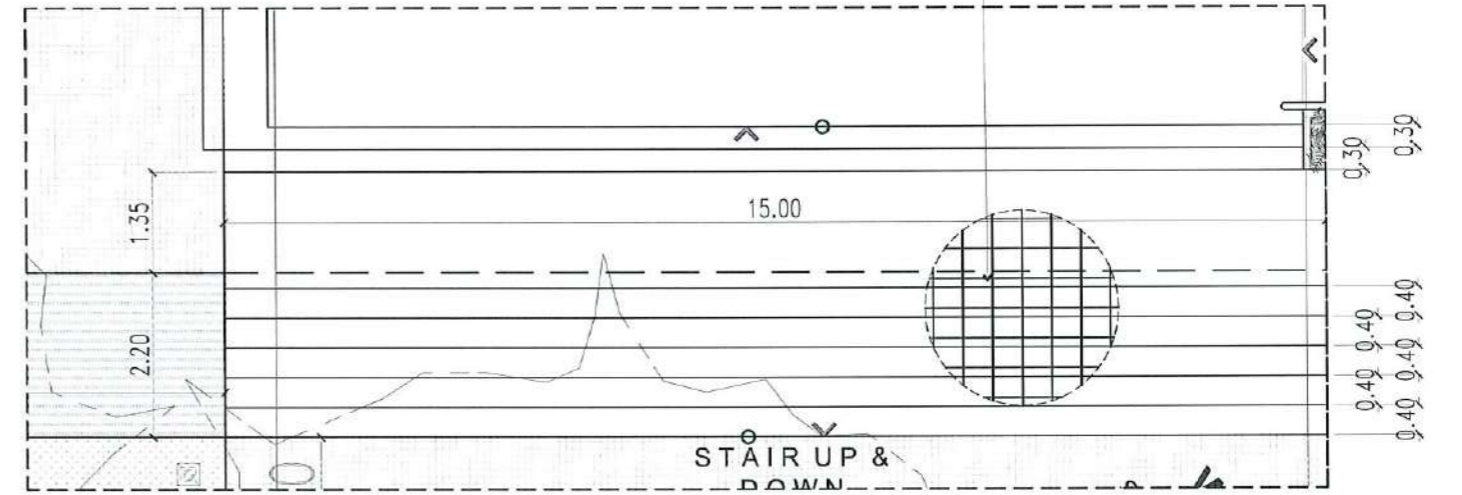
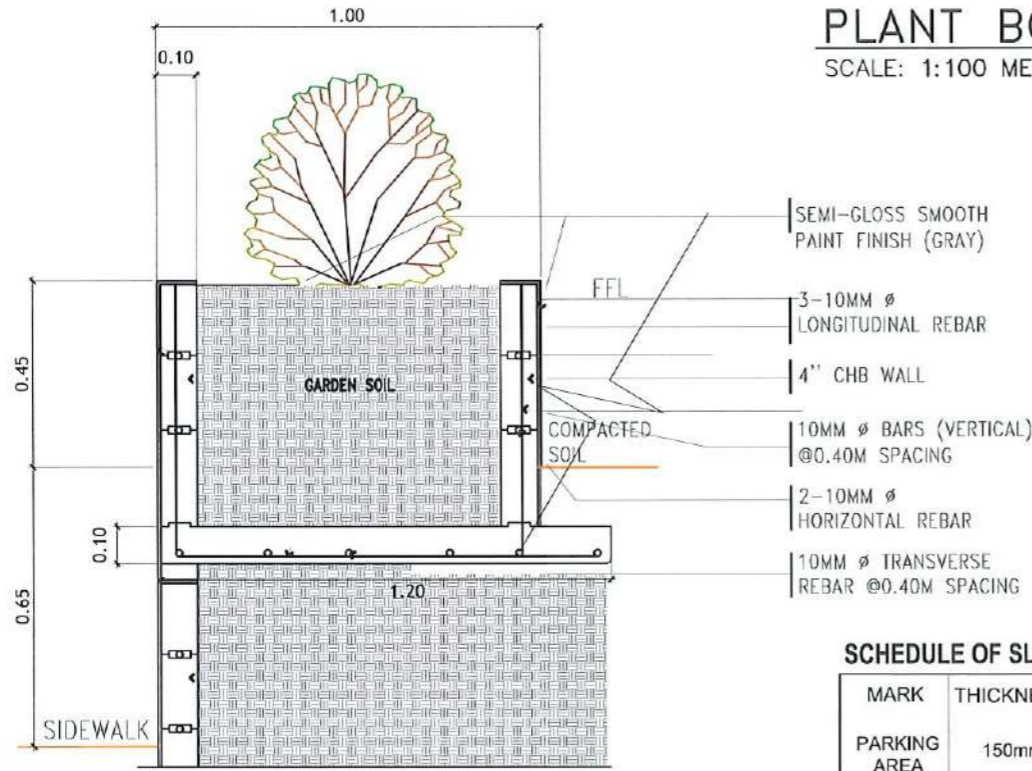
TYPICAL STEP CHB FOOTING DETAILS
SCALE: 1: 30 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CADLENG DEAN, CPAG	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	A-80
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO. 80/163



PLANT BOX BLOW-UP PLAN @ SIDEWALK

SCALE: 1:100 METERS

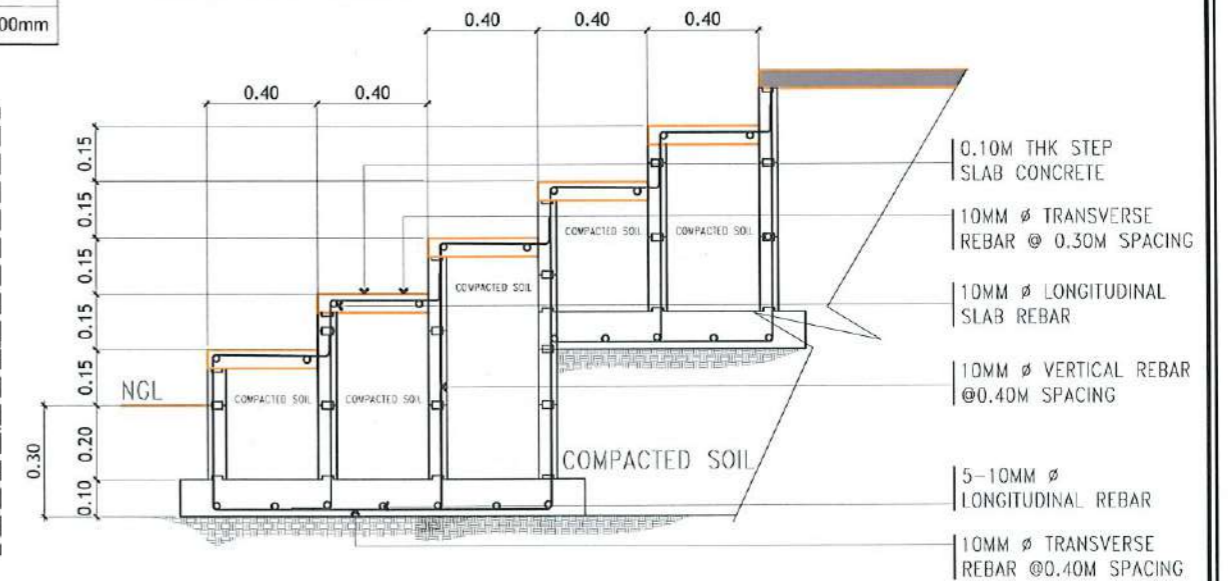


SCHEDULE OF SLAB ON GRADE

MARK	THICKNESS	REINFORCEMENT	TOP BAR	BOTTOM BAR
PARKING AREA	150mm	ALONG LONG SIDE	N/A	10mm @ 400mm
		ALONG SHORT SIDE	N/A	10mm @ 400mm

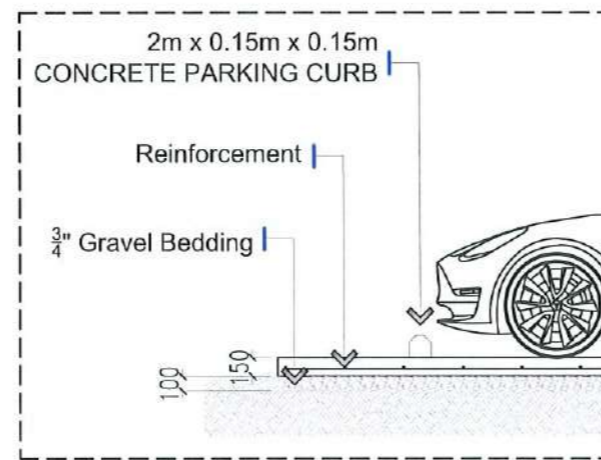
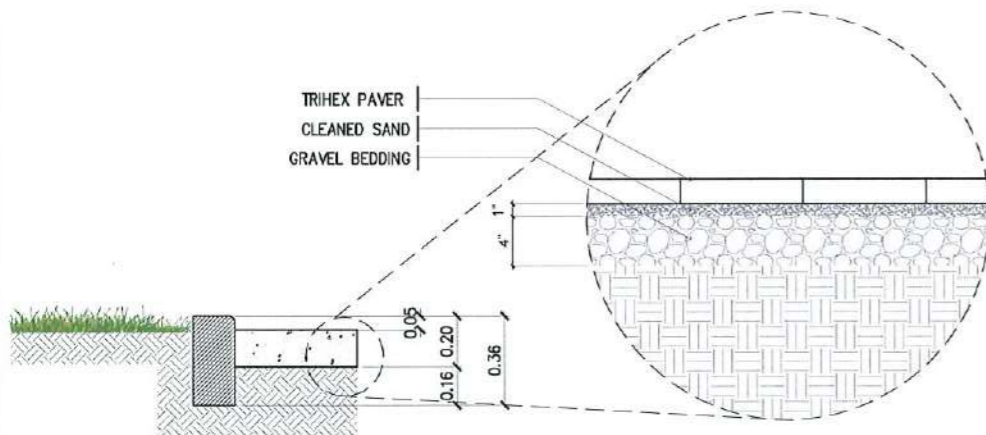
STAIR BLOW-UP PLAN

SCALE: 1:100 METERS



TYPICAL PLANTBOX CHB FOOTING DETAILS @ SIDEWALK

SCALE: 1: 20 METERS



CAR PARKING DETAIL

SCALE: 1: 60 METERS

TYPICAL STEP CHB FOOTING DETAILS

SCALE: 1: 20 METERS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Remulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY:	DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY:	AR. ULYSSES B. CALUYA ARCHITECT, FDMO	CERTIFIED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL:	DR. GRACE A. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	A-81
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY															PAGE NO.:	81/163
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STRUCTURAL - GENERAL NOTES

A. GENERAL

- A.1 THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES. NONETHELESS, SPECIFIC NOTES AND DETAILS SHALL PRECEDE OVER GENERAL NOTES AND TYPICAL DETAILS.
- A.2 THE STRUCTURAL DRAWINGS SHALL BE UTILIZED IN CONJUNCTION WITH OTHER DESIGN DRAWINGS (ARCHITECTURAL, ELECTRICAL, PLUMBING, MECHANICAL, ETC.). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REQUIREMENTS OF THE DRAWINGS INTO THEIR SHOP DRAWINGS AND CONSTRUCTION.
- A.3 CONTRACTOR SHALL STUDY THE DRAWINGS AND SPECIFICATIONS, VERIFY ALL DIMENSIONS, AND INSPECT THE FIELD CONDITIONS, REPORTING ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH ANY PHASE OF THE WORK.
- A.4 THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
- A.5 THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES AND NOTIFY ANY CONFLICTS TO THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF EXCAVATION.
- A.6 DEMOLITION OF EXISTING STRUCTURES IF ANY SHALL NOT BE COMMENCED UNTIL PROTECTIVE MEASURES ARE SET IN PLACE; PLANS, METHODS, AND SCHEDULES OF DEMOLITION SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER.
- A.7 THE STRUCTURE HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. APPLICATIONS OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE CONTRACTOR AND SO INCLUDED IN THE DESIGN OF SHORING, BRACING, FORMWORK, AND ANY OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE. DURING ERECTION AND UNTIL ALL PERMANENT CONNECTIONS ARE MADE, THE CONTRACTOR MUST PROVIDE TEMPORARY BRACING FOR THE STRUCTURE.
- A.8 THE CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL, ELECTRICAL, PLUMBING AND MECHANICAL DRAWINGS FOR REQUIRED OPENINGS. MOREOVER, SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS AND LOCATION OF DEPRESSED FLOOR AREAS.
- A.9 DO NOT SCALE ANY DIMENSION FROM DRAWINGS. THE CONTRACTOR SHALL REQUEST FROM THE ARCHITECT/ENGINEER THE NECESSARY DIMENSIONS NOT SHOWN ON THE DRAWINGS.
- A.10 SHOP DRAWINGS OF STRUCTURAL ITEMS FOR STEEL AND CONCRETE MEMBERS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO THE FABRICATION AND CONSTRUCTION.

B. REFERENCES

- B.1 ALL CONCRETE WORKS SHALL BE DONE IN ACCORDANCE WITH:
 - THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-14)
 - DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-99)
 - JOINTS IN CONCRETE CONSTRUCTION (ACI 224.3R-95)
- B.2 ALL STRUCTURAL STEEL WORKS SHALL DONE IN ACCORDANCE WITH:
 - SPECIFICATION FOR STRUCTURAL STEEL BUILDING (ANSI/AISC 360-16)
 - STEEL CONSTRUCTION MANUAL, 14TH EDITION

C. CONCRETE

- C.1 UNLESS OTHERWISE INDICATED IN PLANS OR NOTED IN THE STRUCTURAL SPECIFICATIONS, THE MINIMUM 28th DAYS COMPRESSIVE CYLINDER STRENGTH OF CONCRETE WITH CORRESPONDING MAXIMUM AGGREGATE SIZE AND SLUMP SHALL BE AS FOLLOWS:

ELEMENT	28 th DAY STRENGTH	MAX. AGGREGATE SIZE	SLUMP
FOUNDATION & WALLS	3000 PSI	3/4 in.	4 in.
COLUMNS & PEDESTALS	3000 PSI	3/4 in.	4 in.
BEAMS & GIRDERS	3000 PSI	3/4 in.	4 in.
SUSPENDED SLABS	3000 PSI	3/4 in.	4 in.
SLAB ON GRADE	2500 PSI	1 in.	4 in.
NON-STRUCTURAL ELEMENTS	2500 PSI	3/4 in.	4 in.
- C.2 CONCRETE-MIX DESIGNS ALONG WITH TEST DATA SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO CONCRETE POURING.
- C.3 PRIOR TO PLACING OF CONCRETE, ALL REINFORCING STEEL BARS, ANCHOR BOLTS, DOWELS, EMBEDDED STRUCTURAL STEELS, PLATES, OR OTHER INSERTS, SHALL BE SECURED IN POSITION AND APPROVED BY THE ENGINEER.
- C.4 CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, REHANDLING OR FLOWING. PLACING SHALL BE DONE PROPERLY WITH BUGGIES, BUCKETS OR WHEEL-BORROWS.

- C.5 NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED BY THE ENGINEER.
- C.6 ALL CONCRETE SHALL BE CURED IMMEDIATELY AFTER FINISHING OPERATIONS BY KEEPING THE CONCRETE ELEMENT MOIST FOR AT LEAST 7 DAYS OR APPLYING LIQUID CURING COMPOUND.
- C.7 CONCRETE CYLINDERS SHALL BE FABRICATED PER EACH 40 CU.M. OR FRACTION THEREOF MIXED EACH DAY FOR EACH CLASS CONCRETE PLACED FOR EACH STRUCTURE.
- C.8 GROUT UNDER BASE PLATES SHALL BE APPROVED NON-SHRINK WITH STRENGTH AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED.

D. REINFORCING BARS

- D.1 REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM 615 AS FOLLOWS:

DIAMETER	GRADE
10mmØ	GRADE 40 (276 MPa)
12mmØ & ABOVE	GRADE 40 (276 MPa)
- D.2 USE GAUGE #16 OR HEAVIER FOR TIE WIRE.
- D.3 NO BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE FIELD BENT, EXCEPT AS SHOWN ON PLANS OR PERMITTED BY THE ENGINEER.
- D.4 BARS SHALL NOT BE WELDED UNLESS AUTHORIZED BY THE ENGINEER.
- D.5 ALL REINFORCING BARS SHALL BE CLEANED THOROUGHLY OF ALL LOOSE RUST, SOIL OR OTHER MATERIAL PRIOR TO CONCRETE POURING.
- D.6 MAINTAIN MINIMUM CONCRETE COVER TO TRAVERSE BARS AS FOLLOWS:

ELEMENT	CONCRETE COVER
BELOW GRADE - FOUNDATIONS & WALLS	75mm
BELOW GRADE - COLUMNS, BEAMS, GIRDERS & PEDESTALS	75mm
ABOVE GRADE - COLUMNS, BEAMS, GIRDERS & PEDESTALS	40mm
ABOVE GRADE - SUSPENDED SLABS AND WALLS	20mm
SLAB ON GRADE	40mm
- D.7 ALL LAP SPLICES OF REBARS SHALL CONFORM TO CLASS B TENSION LAP SPLICE AS SHOWN ON THE LAP SPLICE SCHEDULE, UNLESS NOTED OTHERWISE.
- D.8 ALL HOOK ENDS SHOWN ON THE DRAWINGS SHALL BE STANDARD HOOKS. ALL STIRRUPS/TIES SHALL HAVE 135° SEISMIC HOOKS. UNLESS NOTED OTHERWISE. CROSS TIES SHALL HAVE STANDARD 90° HOOK ON ONE END AND 135° SEISMIC HOOK ON THE OTHER END.
- D.9 CONSECUTIVE CROSS TIES WITH 90° AND 135° HOOK ENDS SHALL BE ALTERNATED.

E. FORMS AND SHORES

- E.1 FORMS AND SHORES SHALL BE DESIGNED TO CARRY THE LOADS COMING ONTO OR AGAINST THEM WITHOUT EXCESSIVE DEFLECTION.
- E.2 STRIPPING OF FORMS AND SHORES SHALL BE AS FOLLOWS:

FOUNDATION	1 DAY
WALLS & COLUMNS	2 DAYS
BEAMS	14 DAYS
SUSPENDED SLABS EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	14 DAYS

F. MASONRY

- F.1 ALL MASONRY UNITS SHALL BE APPROVED QUALITY, SOUND, FREE FROM CRACKS AND OTHER IMPERFECTIONS.
- F.2 NON-LOAD BEARING CONCRETE HOLLOW BLOCKS SHALL BE USED WITH A MINIMUM COMPRESSIVE STRENGTH OF 500 PSI.

- F.3 METHOD OF SAMPLING FOR QUALITY TEST SHALL BE ONE (1) QUALITY TEST FOR EVERY 10,000 UNITS OR FRACTION THEREOF, WITH THREE (3) SPECIMENS FOR COMPRESSION TEST.

- F.4 CHB WALLS SHALL BE REINFORCED AS FOLLOWS:

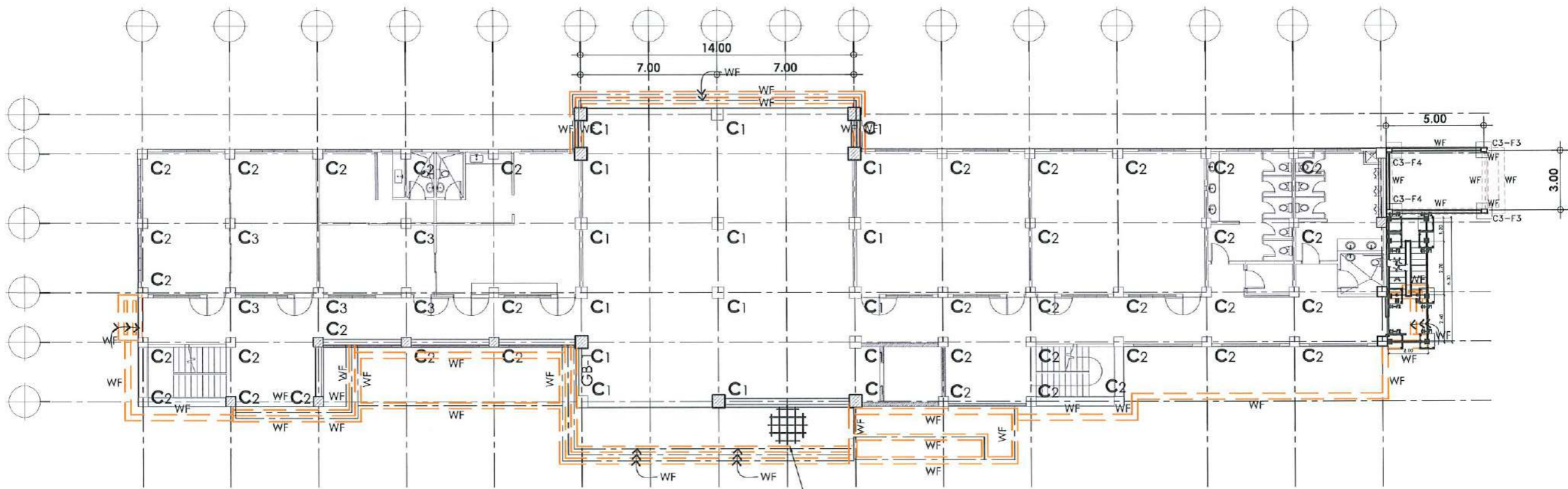
THICKNESS	HORIZONTAL REINFORCEMENT	VERTICAL REINFORCEMENT
100mm	10mmØ @ 600mm O.C.	10mmØ @ 600mm O.C.
125mm	10mmØ @ 600mm O.C.	10mmØ @ 600mm O.C.
150mm	10mmØ @ 400mm O.C.	10mmØ @ 400mm O.C.
200mm	10mmØ @ 400mm O.C.	10mmØ @ 400mm O.C.

- F.5 ALL MASONRY WORKS SHALL BE LAID TRUE TO LINE, LEVEL, PLUMB AND NEAT IN ACCORDANCE WITH THE PLANS. DAMAGED UNITS SHALL NOT BE USED. UNITS SHALL BE CUT ACCURATELY TO FIT ALL PLUMBING DUCTS, AND OPENING FOR ELECTRICAL WORKS; ALL HOLES SHALL BE NEATLY PATCHED.
- F.6 NO CONSTRUCTION SUPPORT SHALL BE ATTACHED TO THE CHB WALL EXCEPT WHERE SPECIFICALLY PERMITTED BY THE ENGINEER.
- F.7 UNITS SHALL BE PLACED WHILE THE MORTAR IS SOFT AND PLASTIC, AND SHALL BE USED WITHIN 2.5 HOURS OF INITIAL MIXING. MORTAR THAT HAS STIFFENED SHOULD NOT BE USED. ANY UNIT DISTURBED TO THE EXTENT THAT THE INITIAL BOND IS BROKEN AFTER INITIAL POSITIONING SHALL BE REMOVED AND RE-LAID IN FRESH MORTAR.
- F.8 MORTAR FOR CELLS OF CONCRETE HOLLOW BLOCKS SHALL CONSIST OF ONE (1) PART CEMENT TO THREE (3) PARTS SAND BY VOLUME WITH SUFFICIENT WATER. IT SHALL BE A WORKABLE CEMENT-SAND MIXTURE ATTAINING A 28th DAY COMPRESSIVE STRENGTH OF 1500 PSI.
- F.9 ALL CELLS OF CHB UNITS SHALL BE FULLY GROUTED.
- F.10 WHERE CHB WALLS ADJOIN COLUMNS, BEAMS, AND WALLS, DOWELS WITH THE SAME SIZE AS THE VERTICAL OR HORIZONTAL REINFORCEMENTS SHALL BE PROVIDED.
- F.11 MORTAR FOR PLASTERING SHALL BE PROPORTIONED ONE (1) PART CEMENT TO TWO (2) PARTS SAND WITH SUFFICIENT WATER.

G. STRUCTURAL STEEL

- G.1 ALL STRUCTURAL STEELS SHALL CONFORM TO ASTM A36 HAVING A MINIMUM YIELD STRENGTH OF 36 KSI, UNLESS NOTED OTHERWISE.
- G.2 ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36.
- G.3 HIGH STRENGTH BOLTS SHALL BE USED SHALL CONFORM TO ASTM A325 OR ASTM A490.
- G.4 ALL WASHERS SHALL CONFORM TO ASTM F436.
- G.5 ALL NUTS SHALL SHALL CONFORM TO ASTM A563.
- G.6 USE E70XX OR E71XX, 70 KSI STRENGTH ELECTRODES, UNLESS NOTED OTHERWISE. TEMPORARY WELDS AND ASSEMBLY ATTACHMENTS SHALL BE KEPT TO A MINIMUM
- G.7 WELDING SHALL BE DONE IN ACCORDANCE WITH APPROPRIATE WELD PROCEDURE SPECIFICATIONS (WPS).
- G.8 WELDING SHALL CONFORM TO BE DONE WITH AMERICAN WELDING SOCIETY (AWS) STANDARDS.
- G.9 FABRICATORS SHALL BE QUALIFIED WELDERS WITH AUTHENTIC CERTIFICATES.
- G.10 SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ENGINEER AS TO LOCATION AND TYPE OF SPLICE TO BE MEMBER. ANY MEMBER HAVING A SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED.
- G.11 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO THE FABRICATION AND ERECTION.
- G.12 STEEL MEMBERS TO BE ENCASE IN CONCRETE SHALL NOT BE PAINTED. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL HAVE AT LEAST TWO COATS OF APPROVED PRIMER PAINT.
- G.13 CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND SAFETY PROTECTION FOR ERECTION.

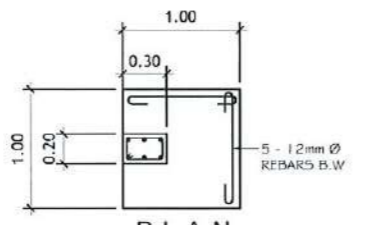
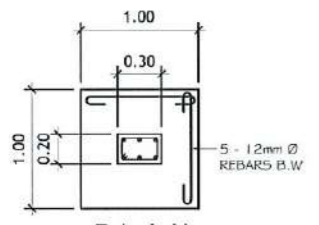
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	S-01
								DATE: SEPTEMBER 2023	PAGE NO: 82/163



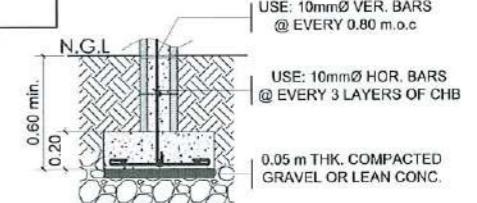
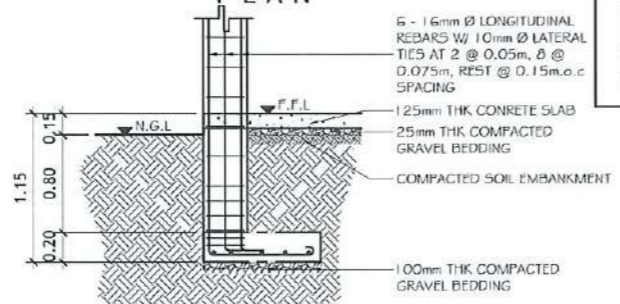
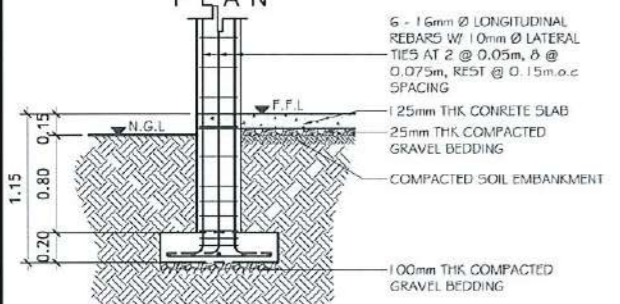
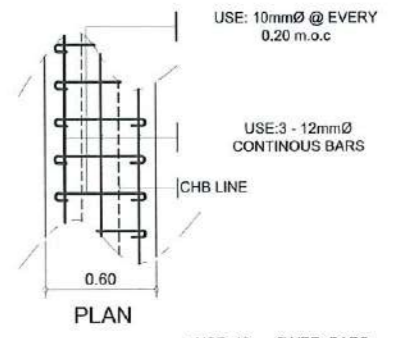
SLAB:
T = 0.10m WITH 10mmØ @
0.40m.o.c BOTHWAYS

GROUND FLOOR COLUMN LAYOUT PLAN

SCALE: 1:225 MTS.



COLUMNS	SCHEDULE OF COLUMNS (PUMP ROOM)				
	COLUMN MARK	NO. OF SETS	DIMENSION (MM)	FIGURE	LATERAL TIES
C-3	4 SETS	a (width)	b (depth)	3-16MM Ø D.S.B	10MM D.S.B . 2 @ 0.05M, 8 @ 0.075M, THE REST 0.15M M.O.C
		200	300	3-16MM Ø D.S.B	

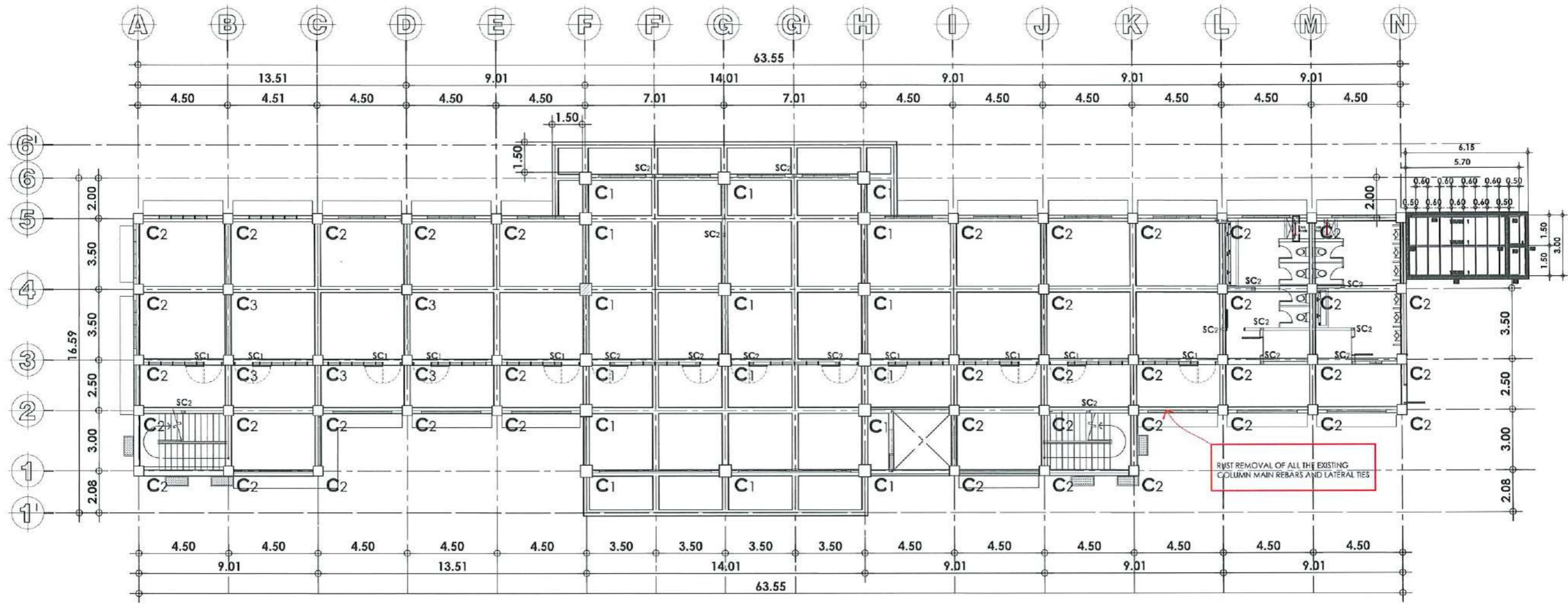


WALL FOOTING DETAIL
SCALE 1:40m

SECTION C3-F3 DETAIL
SCALE 1:30 MTS.

SECTION C3-F4 DETAIL
SCALE 1:30 MTS.

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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. ARNOLDO E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO.: 83/163					



SECOND FLOOR COLUMN LAYOUT PLAN

SCALE:

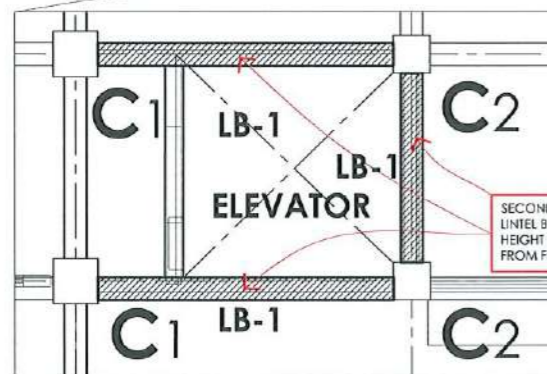
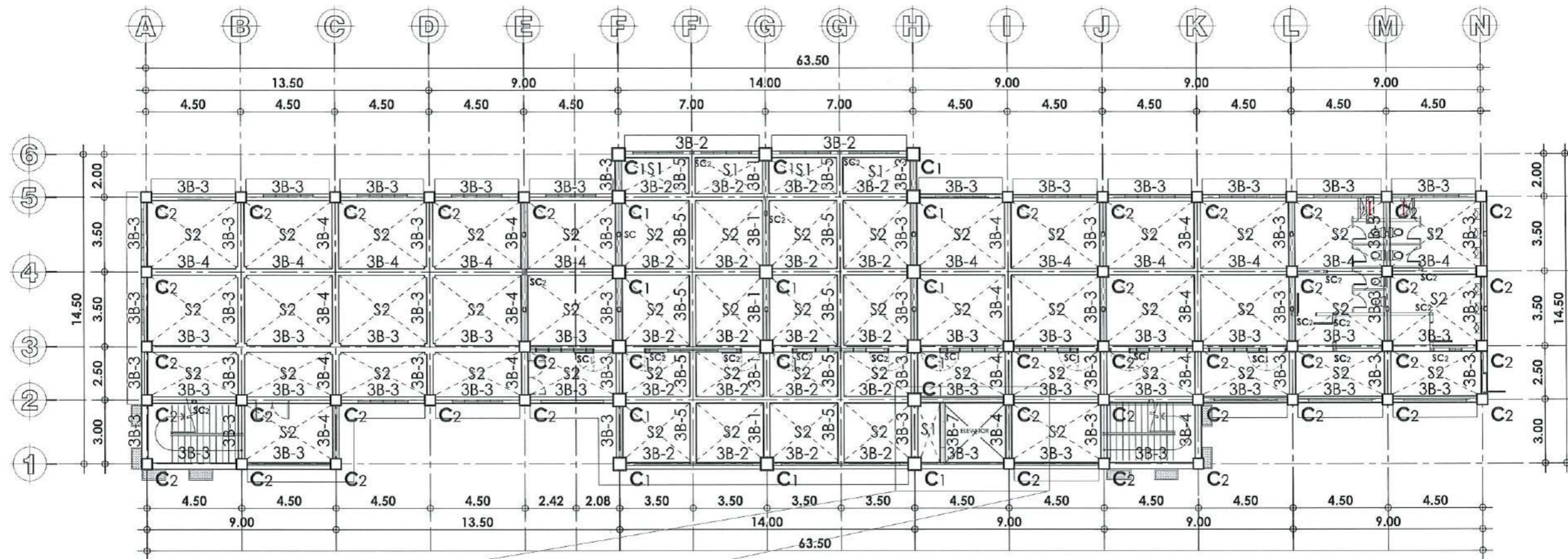
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PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN F. CADLENG DEAN, CPAG	ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	S-03
							DATE: SEPTEMBER 2023	PAGE NO: 84/163

NOTE: PROVIDE AND ALIGN THE DOWELS BELOW THE THIRD FLOOR FRAMING REQUIRED FOR 2ND FLOOR STIFFENER COLUMNS AND CHB WALL SYSTEM.



ELEVATOR PLAN
SCALE 1:100MTS

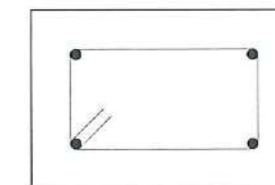
SECOND FLOOR & THIRD FLOOR -
LINTEL BEAM 2.30M ELEVATION
HEIGHT (BOTTOM OF LINTEL BEAM)
FROM FINISH FLOOR LINE.

THIRD FLOOR FRAMING PLAN

SCALE: 1:225 MTS.

SCHEDULE OF LINTEL BEAM

MARK	DIMENSION	REINFORCEMENT	
		LONGITUDINAL BAR	STIRRUPS
LB-1	150mm x 200mm	4 - 12mmØ	10mm @ 150mm SPACING



FOUR - LONGITUDINAL BAR
LINTEL BEAM

TYPICAL DETAIL OF LINTEL BEAM
SCALE N.T.S.



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAULENG
DEAN, CPAG

PREPARED BY:
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

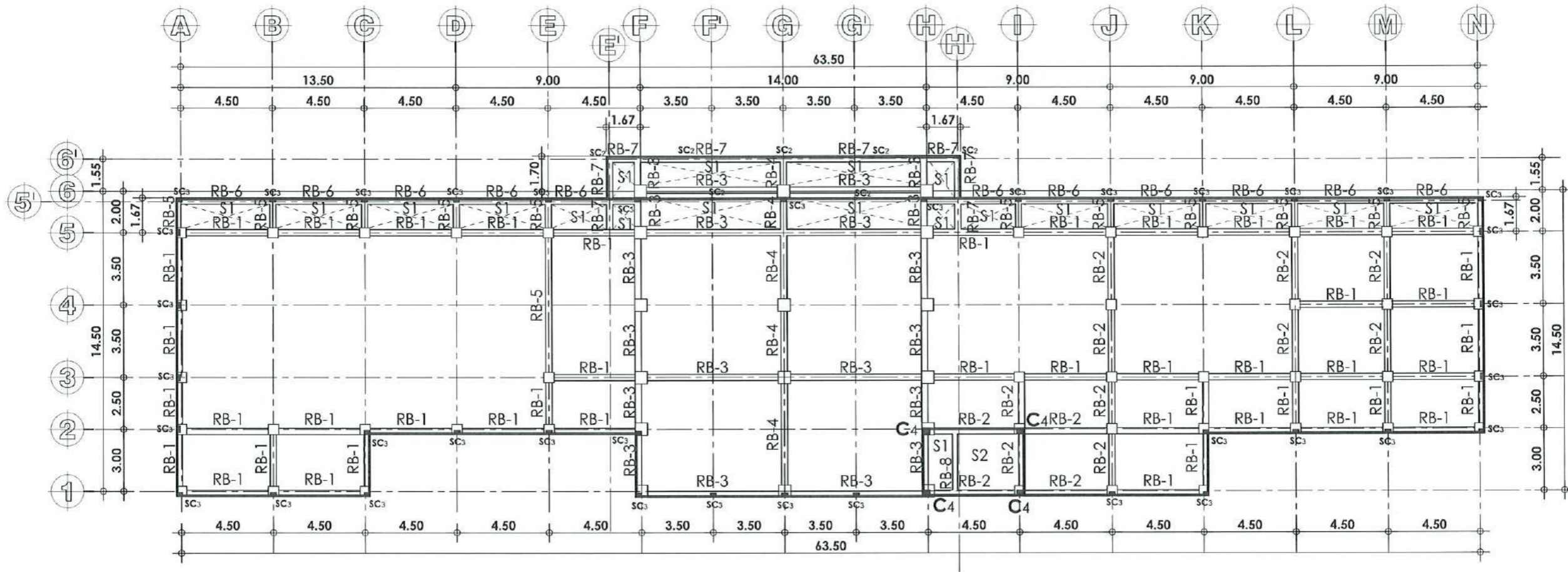
RECOMMENDING APPROVAL:
DR. GRACE A. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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- NOTE:
- ALL PERIMETER ROOF BEAMS SHALL BE FLASHED IN THE EXTERIOR SIDE OF THE COLUMNS.
 - PARAPET WALL SHALL BE FLASHED IN THE EXTERIOR SIDE OF THE PERIMETER ROOF BEAMS.



ROOF FRAMING PLAN

SCALE: 1:225 MTS.



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDMO

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

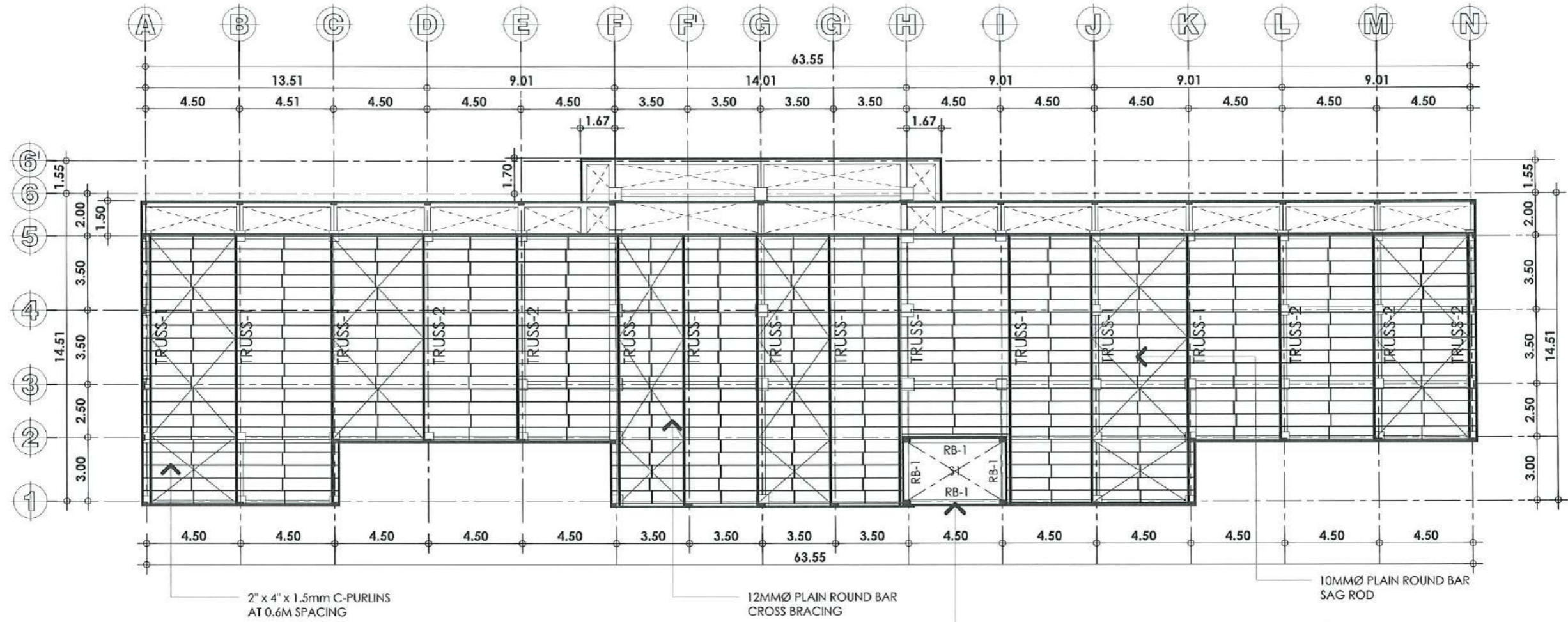
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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

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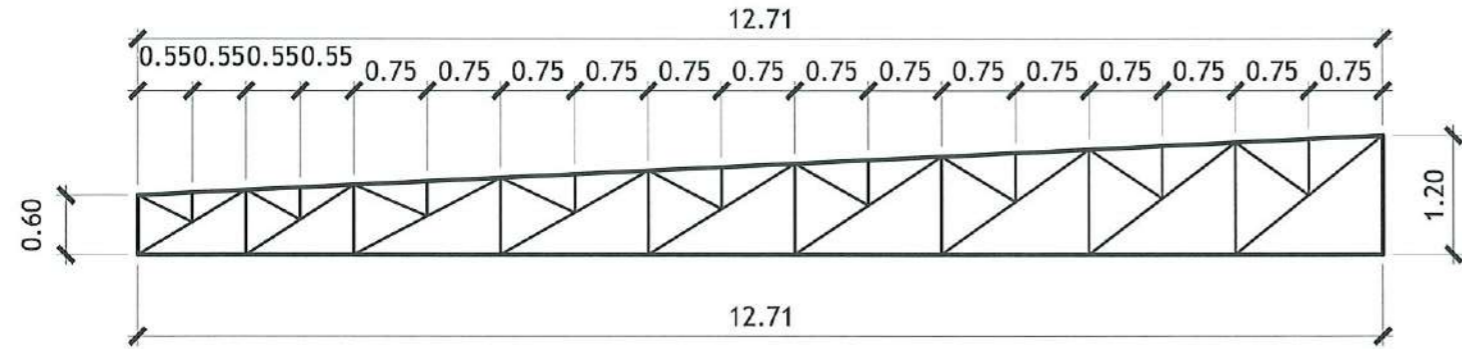
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ROOF PLAN

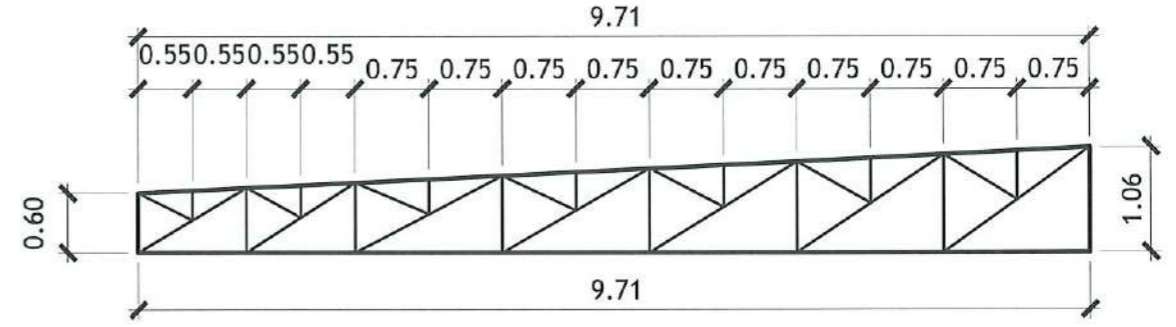
SCALE: 1:225 MTS.

WALL AND ROOF BEAMS OF ELEVATOR ROOF SLAB SHALL BE FLASHED IN THE EXTERIOR SIDE OF THE COLUMNS.



TOP CHORD : 2 - 2" x 2" x 6.0MM thk. ANGLE BAR
 BOTTOM CHORD : 2 - 2" x 2" x 6.0MM thk. ANGLE BAR
 WEB MEMBERS : 2 - 1 1/4" x 1 1/4" x 4.0MM THK. ANGLE BAR

TRUSS-1



TOP CHORD : 2 - 2" x 2" x 6.0MM thk. ANGLE BAR
 BOTTOM CHORD : 2 - 2" x 2" x 6.0MM thk. ANGLE BAR
 WEB MEMBERS : 2 - 1 1/4" x 1 1/4" x 4.0MM THK. ANGLE BAR

TRUSS-2

TRUSS SCHEDULE

SCALE: 1:75 MTS.

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	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		 DR. EDWIN T. CAOLENG DEAN, CPAG	 ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	 AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	S-06
	PROJECT LOCATION:								LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	

SCHEDULE OF THIRD FLOOR BEAMS

MARK	CONT. BARS		EXT SUPPORT		MIDSPAN		INT SUPPORT		STIRRUPS			REMARKS
			SECTION	REINF	SECTION	REINF	SECTION	REINF	DIA	NO.	SPACING	
3B-1	3-25mm top		6-25mm		3-25mm		6-25mm	10mm	2	50		
									10	100		
	3-25mm bot.		6-25mm		3-25mm		6-25mm		REST	200		
									SPLICE	100		
			300x600		300x600		300x600					
3B-2	3-25mm top		5-25mm		3-25mm		5-25mm	10mm	2	50		
									10	100		
	3-25mm bot.		5-25mm		3-25mm		5-25mm		REST	200		
									SPLICE	100		
			300x600		300x600		300x600					
3B-3	3-20mm top		5-20mm		3-20mm		5-20mm	10mm	2	50		
									10	100		
	3-20mm bot.		5-20mm		3-20mm		5-20mm		REST	200		
									SPLICE	100		
			300x500		300x500		300x500					
3B-4	3-20mm top		6-20mm		3-20mm		6-20mm	10mm	2	50		
									10	100		
	3-20mm bot.		6-20mm		3-20mm		6-20mm		REST	200		
									SPLICE	100		
			300x500		300x500		300x500					
3B-5	3-16mm top		6-16mm		3-16mm		6-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		6-16mm		3-16mm		6-16mm		REST	200		
									SPLICE	100		
			250x400		250x400		250x400					
3B-6	2-16mm top		4-16mm		2-16mm		4-16mm	10mm	2	50		
									10	100		
	2-16mm bot.		4-16mm		2-16mm		4-16mm		REST	200		
									SPLICE	100		
			200x600		200x600		200x600					
3B-7	2-16mm top		2-16mm		2-16mm		2-16mm	10mm	2	50		
									10	100		
	2-16mm bot.		2-16mm		2-16mm		2-16mm		REST	200		
									SPLICE	100		
			200x350		200x350		200x350					

SCHEDULE OF ROOF BEAMS

MARK	CONT. BARS		EXT SUPPORT		MIDSPAN		INT SUPPORT		STIRRUPS			REMARKS
			SECTION	REINF	SECTION	REINF	SECTION	REINF	DIA	NO.	SPACING	
RB-1	3-16mm top		3-16mm		3-16mm		3-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			250x400		250x400		250x400					
RB-2	3-16mm top		5-16mm		3-16mm		5-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			250x400		250x400		250x400					
RB-3	3-16mm top		6-16mm		3-16mm		6-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			250x500		250x500		250x500					
RB-4	2-20mm top		4-20mm		2-20mm		4-20mm	10mm	2	50		
									10	100		
	2-20mm bot.		2-20mm		2-20mm		2-20mm		REST	200		
									SPLICE	100		
			250x500		250x500		250x500					
RB-5	3-16mm top		6-16mm		3-16mm		6-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			250x400		250x400		250x400					
RB-6	3-16mm top		3-16mm		3-16mm		3-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			200x400		200x400		200x400					
RB-7	3-16mm top		3-16mm		3-16mm		3-16mm	10mm	2	50		
	2-16mm mid		2-16mm		2-16mm		2-16mm		10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			150x800		150x800		150x800					
RB-8	3-16mm top		5-16mm		3-16mm		5-16mm	10mm	2	50		
									10	100		
	3-16mm bot.		3-16mm		3-16mm		3-16mm		REST	200		
									SPLICE	100		
			250x400		250x400		250x400					



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CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDM/O

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDM/O

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDM/O

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

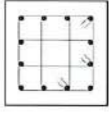
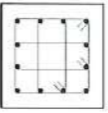
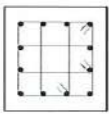
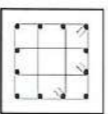
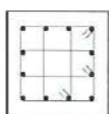
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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PAGE NO:
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DATE: SEPTEMBER 2023

SCHEDULE OF COLUMN

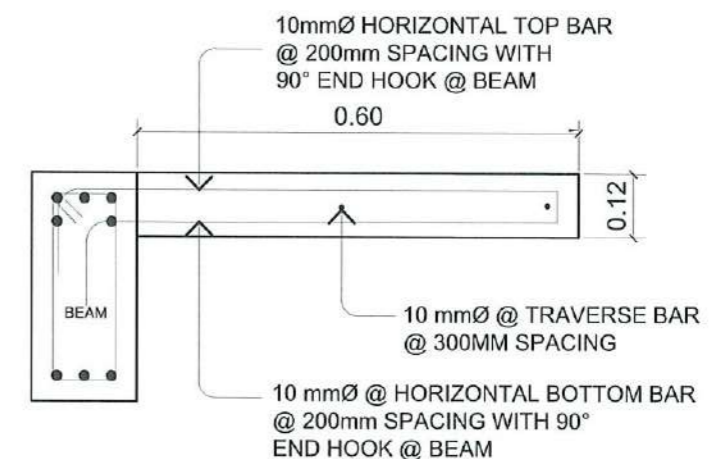
LEVEL	C1			C2			C3			C4		
	REINFORCEMENT	LATERAL TIES		REINFORCEMENT	LATERAL TIES		REINFORCEMENT	LATERAL TIES		REINFORCEMENT	LATERAL TIES	
ROOF BEAM TO ROOF SLAB	NA	TIE DIA.		NA	TIE DIA.		NA	TIE DIA.	10mm	8-16mmØ	TIE DIA.	10mm
		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING
3RD FLOOR TO ROOF BEAM	12-25mmØ 	TIE DIA.	10mm	12-20mmØ 	TIE DIA.	10mm	NA	TIE DIA.		C1/C2	TIE DIA.	
		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING
		2	50		2	50						
		8	75		8	75						
		REST	150									
	600x600	SPLICING	100	500x500	SPLICING	100						
FOUNDATION to 3RD FLOOR	12-25mmØ 	TIE DIA.	10mm	12-20mmØ 	TIE DIA.	10mm	12-20mmØ 	TIE DIA.	10mm	C1/C2	TIE DIA.	
		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING		TIE NO.	SPACING
		2	50		2	50		2	50			
		8	75		8	75		4	75			
		REST	150									
	600x600	SPLICING	100	500x500	SPLICING	100	500x500	SPLICING	100			

SCHEDULE OF SUSPENDED SLAB

MARK	THICKNESS	REINFORCEMENT	EXTERIOR SUPPORT		MIDPANEL		INTERIOR SUPPORT	
			TOP BAR	BOTTOM BAR	TOP BAR	BOTTOM BAR	TOP BAR	BOTTOM BAR
S1	100mm	ALONG LONG SIDE	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm
		ALONG SHORT SIDE	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm
S2	100mm	ALONG LONG SIDE	10mm @ 200mm	10mm @ 200mm	N/A	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm
		ALONG SHORT SIDE	10mm @ 200mm	10mm @ 200mm	N/A	10mm @ 200mm	10mm @ 200mm	10mm @ 200mm

SCHEDULE OF STIFFENER COLUMN

MARK	DIMENSION	REINFORCEMENT	
		LONGITUDINAL BAR	LATERAL TIES
SC1	100mm x 320mm	2 - 12mmØ	10mm @ 150mm SPACING
SC2	100mm x 200mm	2 - 12mmØ	10mm @ 150mm SPACING
SC3	200mm x 300mm	4 - 10mmØ	10mm @ 150mm SPACING



TARLAC STATE UNIVERSITY
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Romulo Boulevard, Tarlac City, Philippines 2100

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PROJECT LOCATION:
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VP ADMINISTRATION AND FINANCE

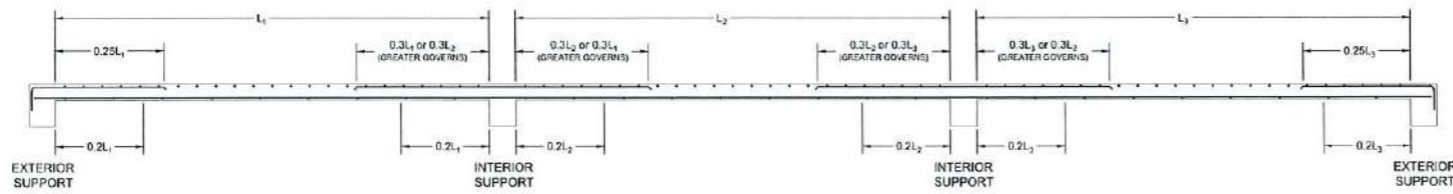
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DR. ARNOLD E. VELASCO
PRESIDENT

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S-08

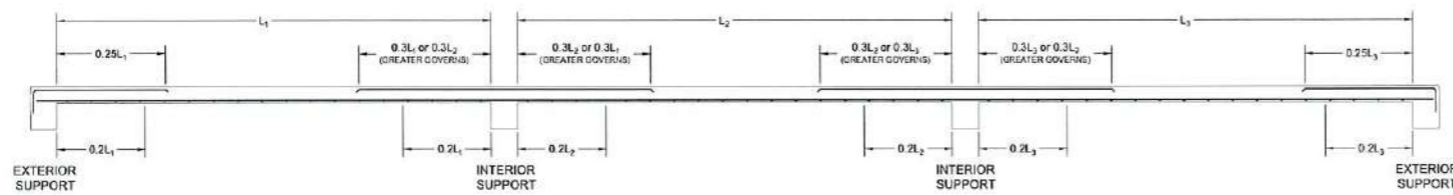
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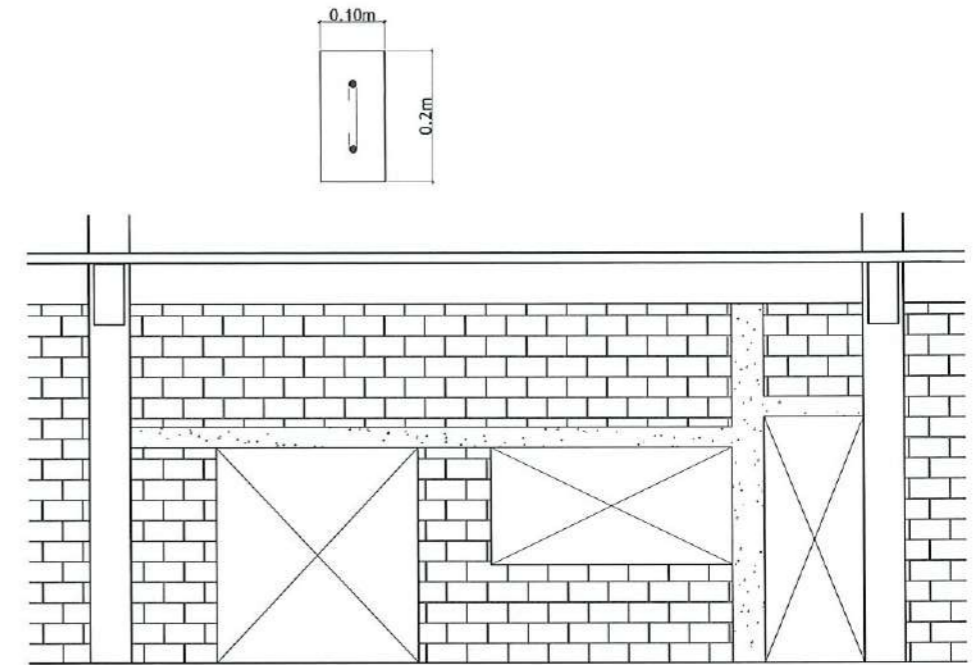
TYPICAL DETAIL OF SLAB: SECTION A-A

SCALE N.T.S.



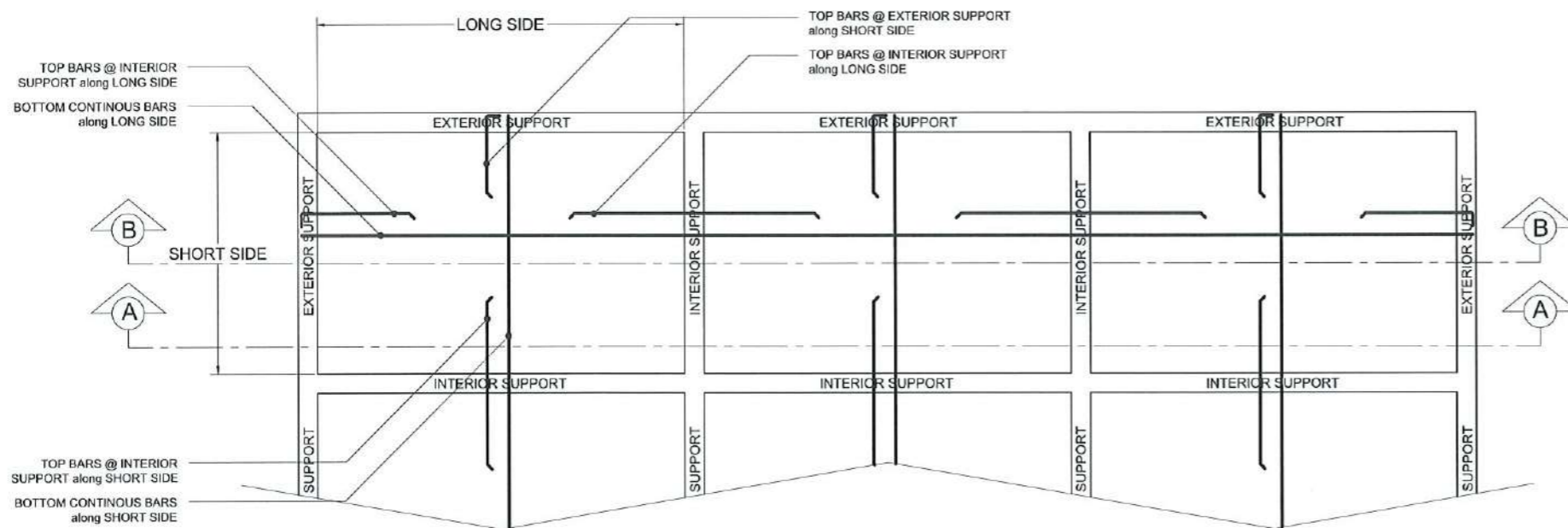
TYPICAL DETAIL OF SLAB: SECTION B-B

SCALE N.T.S.



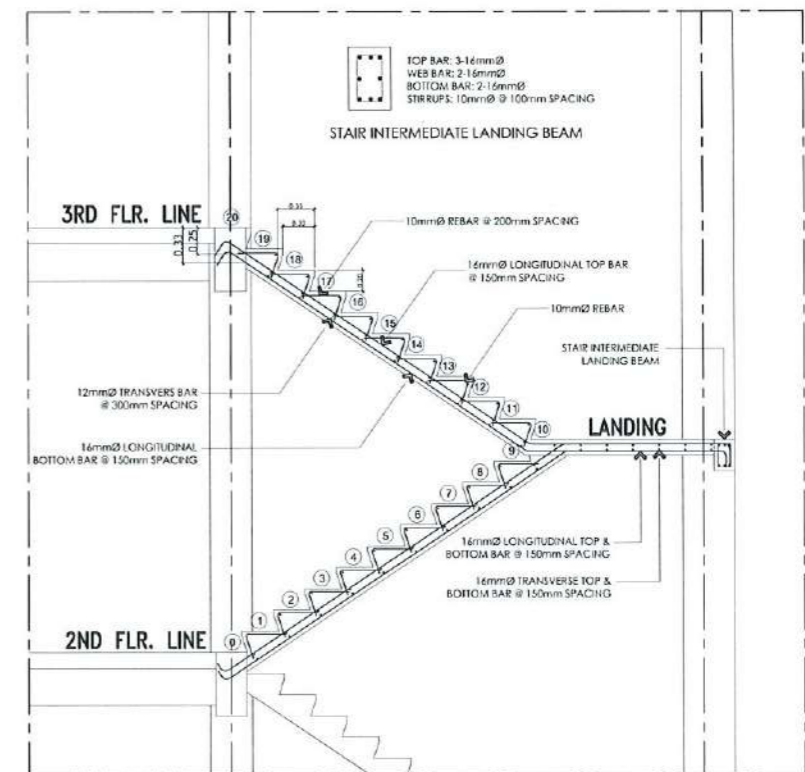
TYPICAL DETAIL OF LINTEL BEAM

SCALE N.T.S.



TYPICAL SLAB REINFORCEMENT LAYOUT

SCALE N.T.S.

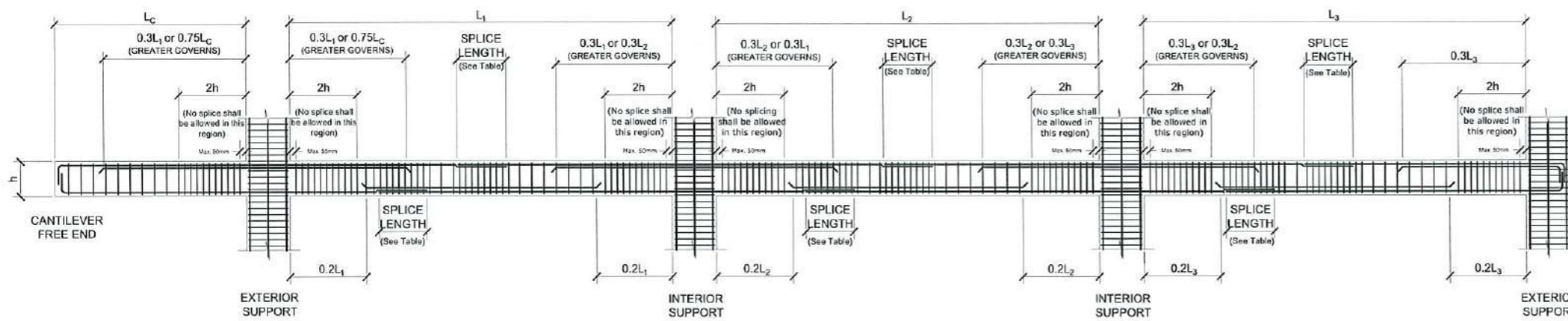


TYPICAL DETAIL OF STAIR



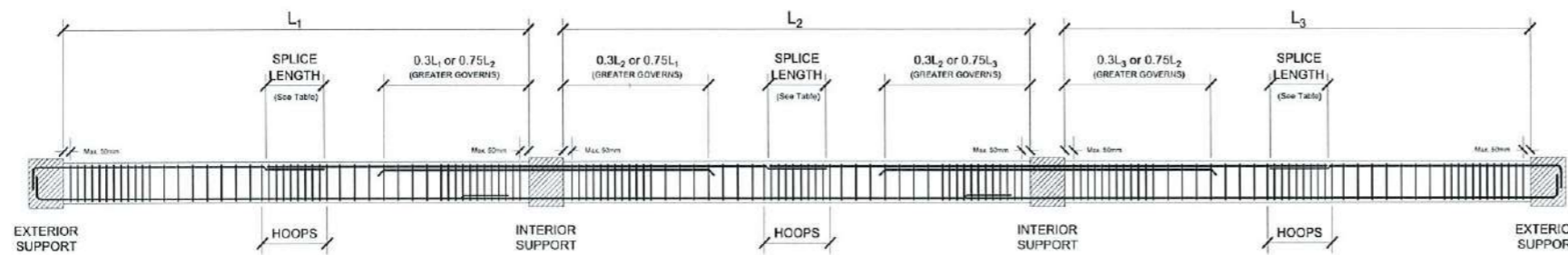
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Remigio Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY:	DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY:	ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	CERTIFIED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL:	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO:	S-09
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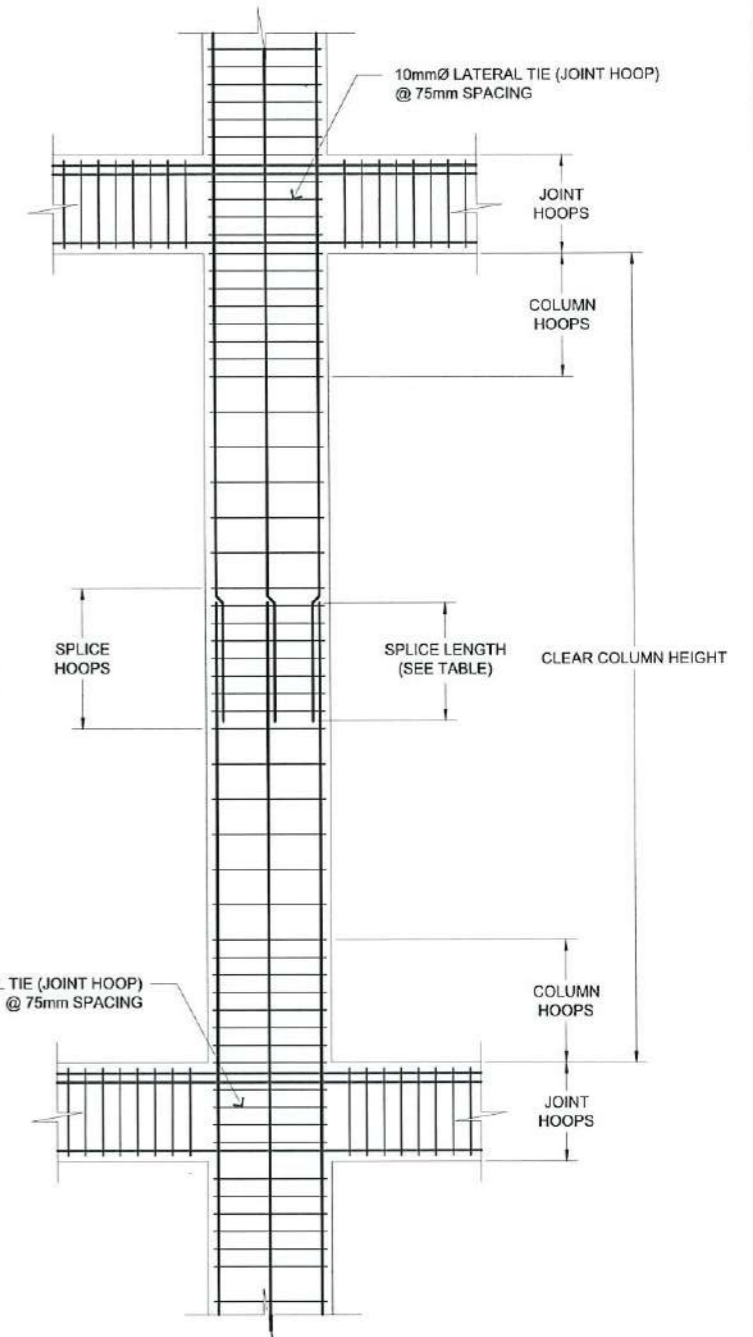
TYPICAL DETAIL OF BEAMS

SCALE N.T.S.



TYPICAL DETAIL OF INTERMEDIATE BEAM

SCALE N.T.S.



TYPICAL DETAIL OF COLUMN

SCALE N.T.S.



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DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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PRESIDENT

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TENSION LAP SPLICE LENGTHS

BAR SIZE	$f_c' = 3,000$ PSI				$f_c' = 4,000$ PSI			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
10mm	490	740	380	570	430	640	330	490
12mm	590	880	460	680	510	770	400	590
16mm	790	1,200	610	910	680	1,100	530	790
20mm	1,000	1,500	760	1,200	850	1,300	660	980
25mm	1,600	2,400	1,200	1,800	1,400	2,100	1,100	1,600
28mm	1,700	2,700	1,300	2,100	1,500	2,300	1,200	1,800
32mm	1,900	3,000	1,500	2,300	1,700	2,600	1,300	2,000
36mm	2,200	3,400	1,700	2,600	1,900	3,000	1,500	2,300

NOTES:

- TABULATED VALUES ARE CLASS B TENSION LAP SPLICE LENGTHS BASED ON UNCOATED GRADE 40 REINFORCING BARS AND NORMAL-WEIGHT CONCRETE.
- TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPLICE LENGTHS ARE BASED ON ACI 318-14, SECTIONS 25.4.2.2 AND 25.5.2.1, RESPECTIVELY. TABULATED VALUES FOR BEAMS OR COLUMNS ARE BASED ON TRAVERSE REINFORCEMENT AND CONCRETE COVER MEETING THE MINIMUM CODE REQUIREMENTS. LENGTHS ARE IN MILLIMETERS.
- TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
- OTHER BARS ARE THE HORIZONTAL BARS LOCATED WITHIN 12 INCHES DEPTH FROM THE BOTTOM OF SLABS OR FOOTINGS, OR THE VERTICAL BARS OF COLUMN OR WALLS.
- WHEN CLASS A LAP SPLICES ARE TO BE USED, DIVIDE THE TABULATED VALUES BY 1.3.
- CASES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER, AND THE CENTER TO CENTER SPACING OF BARS, ARE DEFINED AS:

FOR BEAMS OR COLUMNS:

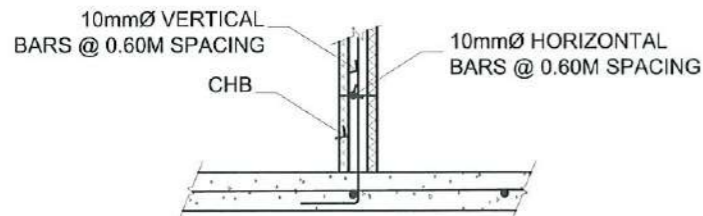
- CASE 1 - COVER AT LEAST $1.0d_b$ AND CENTER TO CENTER SPACING AT LEAST $2d_b$
- CASE 2 - COVER LESS THAN $1.0d_b$ OR CENTER TO CENTER SPACING LESS THAN $2d_b$

FOR FOOTINGS OR WALLS:

- CASE 1 - COVER AT LEAST $1.0d_b$ AND CENTER TO CENTER SPACING AT LEAST $3d_b$
- CASE 2 - COVER LESS THAN $1.0d_b$ OR CENTER TO CENTER SPACING LESS THAN $3d_b$

FOR SLABS (USE CLASS A LAP SPLICES):

- CASE 1 - COVER AT LEAST $1.0d_b$ AND CENTER TO CENTER SPACING AT LEAST $3d_b$
- CASE 2 - COVER LESS THAN $1.0d_b$ OR CENTER TO CENTER SPACING LESS THAN $3d_b$



TYPICAL DETAIL OF WALL TO SLAB CONNECTION

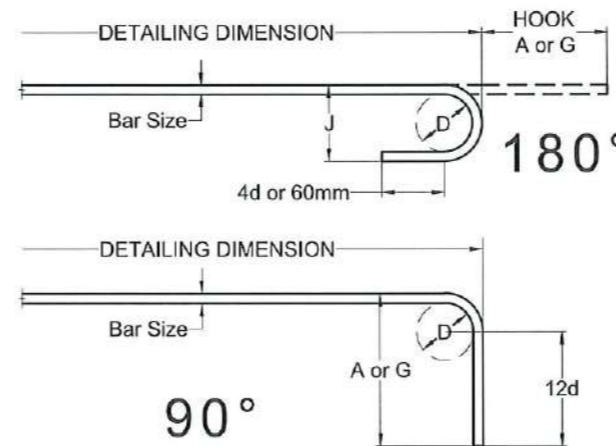
SCALE N.T.S.

RECOMMENDED END HOOKS

ALL GRADES: D = FINISHED BEND DIAMETER

BAR SIZE	D* (mm)	180° HOOK		90° HOOK
		A or G (mm)	J (mm)	A or G (mm)
10mm	60	150	80	150
12mm	80	175	105	200
16mm	100	200	130	250
20mm	135	250	180	375
25mm	155	275	205	425
28mm	240	375	300	475
32mm	275	425	335	550
36mm	305	475	375	625

*FINISHED BEND DIAMETERS INCLUDE "SPRING BACK" EFFECT WHEN BARS STRAIGHTEN OUT SLIGHTLY AFTER BEING BENT AND ARE SLIGHTLY LARGER THAN MINIMUM BEND DIAMETER IN ACI.



DEVELOPMENT LENGTH FOR STANDARD HOOKS IN TENSION

BAR SIZE	$f_c' = 2,500$ PSI	$f_c' = 3,000$ PSI	$f_c' = 4,000$ PSI
10mm	160	150	150
12mm	200	180	160
16mm	260	250	210
20mm	320	300	260
25mm	400	380	320
28mm	450	430	369
32mm	520	480	410
36mm	580	530	460

NOTES:

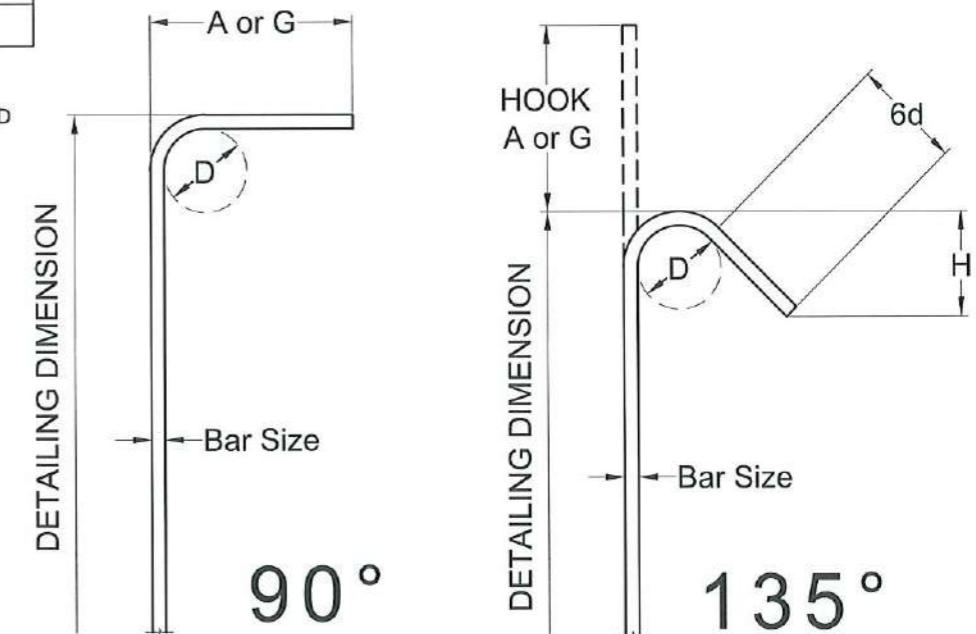
- TABULATED VALUES ARE BASED ON UNCOATED GRADE 40 REINFORCING BARS AND NORMAL-WEIGHT CONCRETE.
- DEVELOPMENT LENGTHS FOR STANDARD HOOKS IN TENSION ARE BASED ON ACI 318-14, SECTIONS 25.4.3. LENGTHS ARE IN MILLIMETERS.

STANDARD STIRRUP/TIE HOOKS

ALL GRADES: D = FINISHED BEND DIAMETER

BAR SIZE	D (mm)	135° HOOK		90° HOOK
		A or G (mm)	H* (mm)	A or G (mm)
10mm	40	105	65	105
12mm	50	115	80	115
16mm	65	140	95	155
20mm	120	230	135	355
25mm	155	270	155	410

*H DIMENSION IS APPROXIMATE



SEISMIC STIRRUP/TIE HOOKS

ALL GRADES: D = FINISHED BEND DIAMETER

BAR SIZE	D (mm)	135° SEISMIC HOOK	
		A or G (mm)	H* (mm)
10mm	40	110	80
12mm	50	115	80
16mm	65	140	95
20mm	120	230	135
25mm	155	270	155

*H DIMENSION IS APPROXIMATE



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PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE: DR. EDWIN T. CALENG
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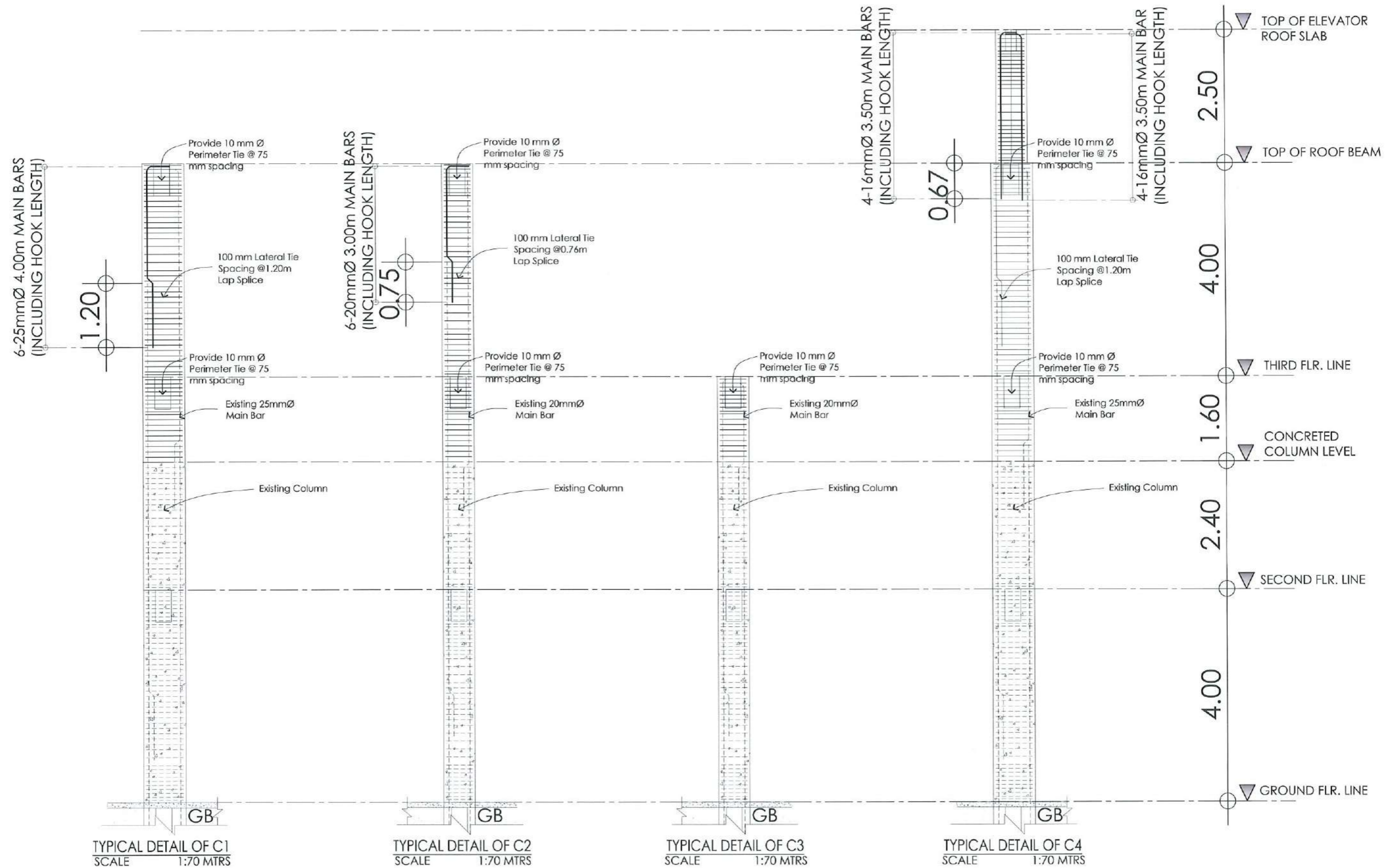
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RECOMMENDING APPROVAL: DR. GRACEN N. ROSETE
VP ADMINISTRATION AND FINANCE

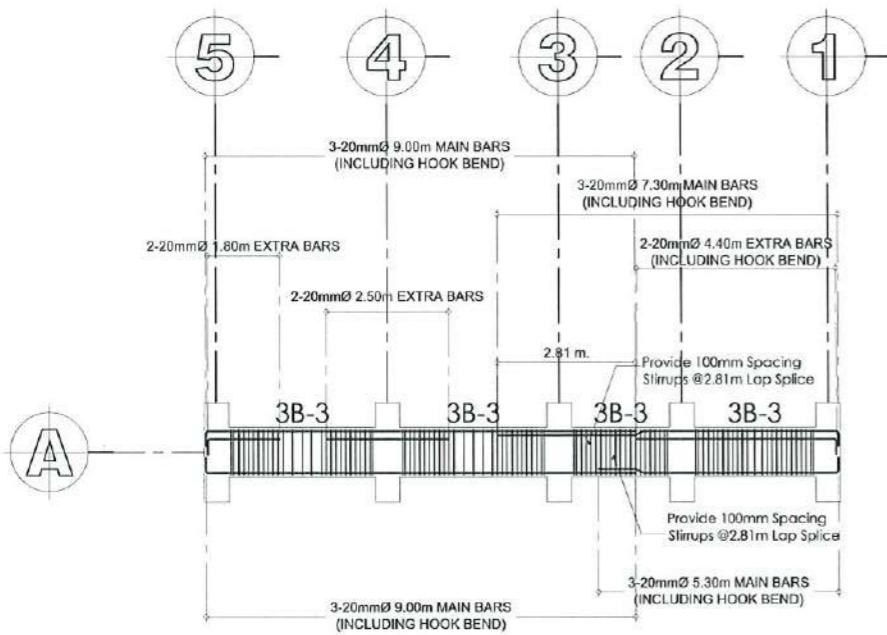
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PRESIDENT

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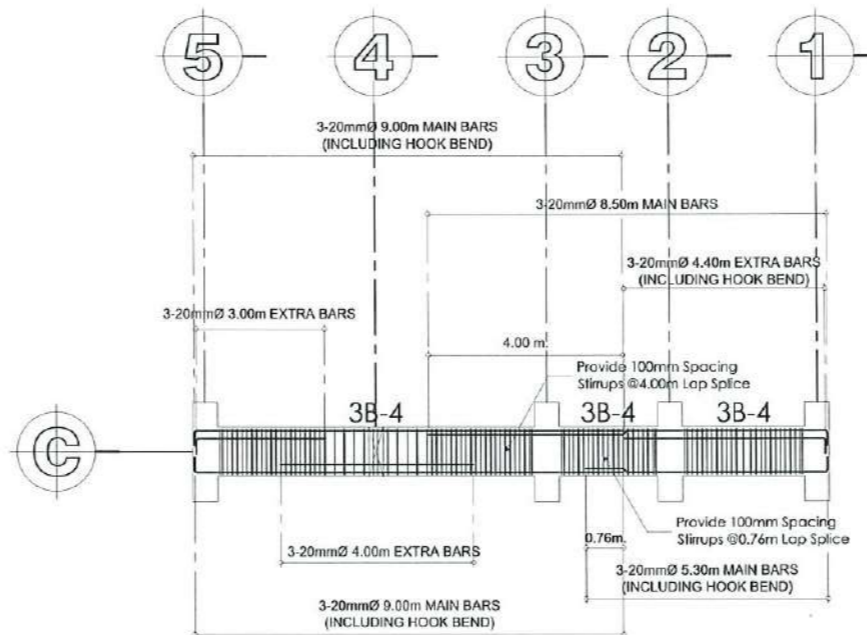


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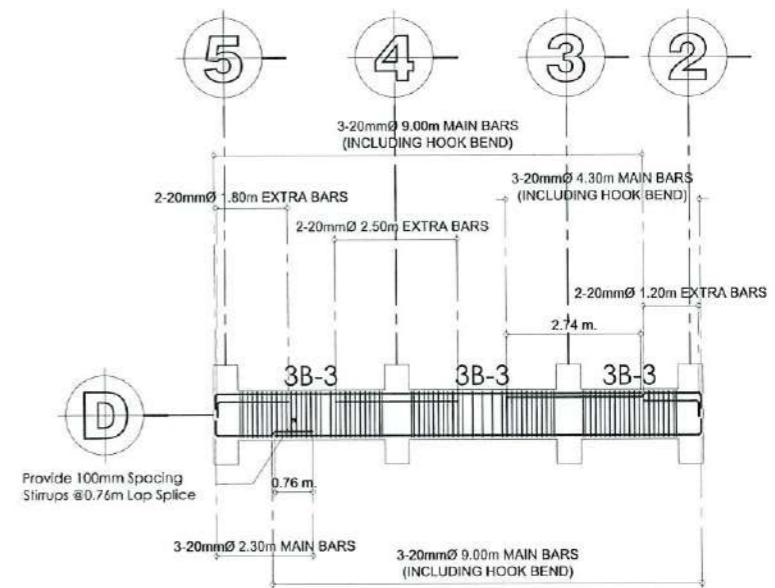
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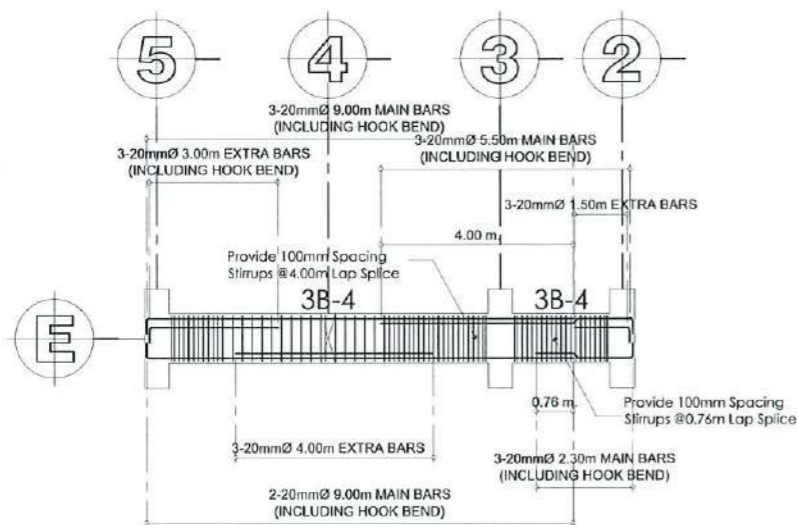
TYPICAL DETAIL OF THIRD FLOOR BEAM
FOR GRID LINE A, B, AND J
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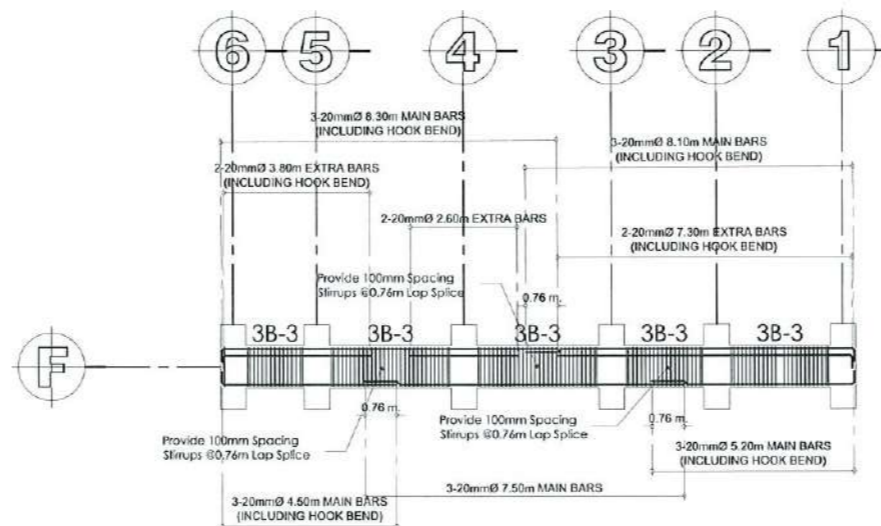
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GRID LINE C, I, AND K
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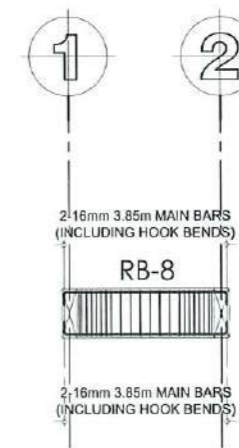
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GRID LINE D, L, M, AND N
SCALE 1:150 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM
FOR GRID LINE E
SCALE 1:150 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM FOR
GRID LINE F AND H
SCALE 1:175 MTRS



TYPICAL DETAIL OF 3B-7
SCALE 1:150 MTRS



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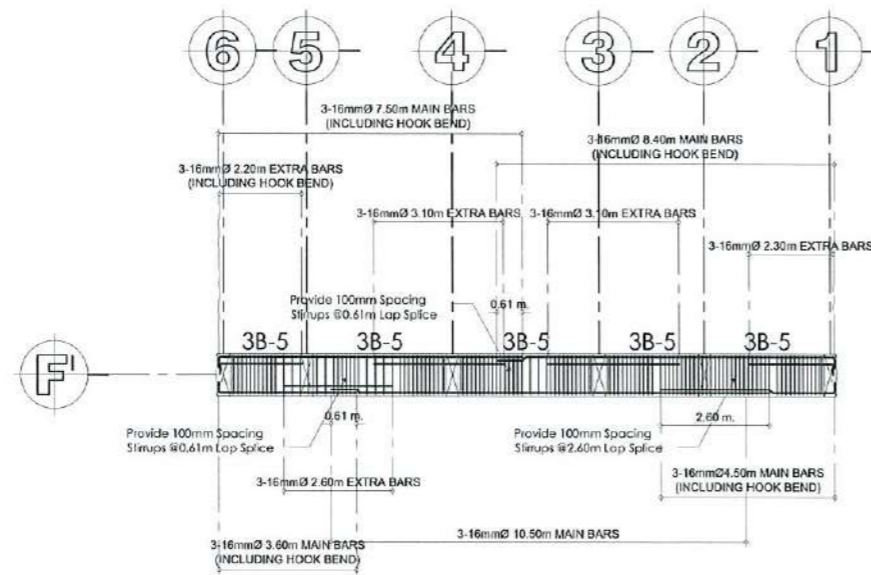
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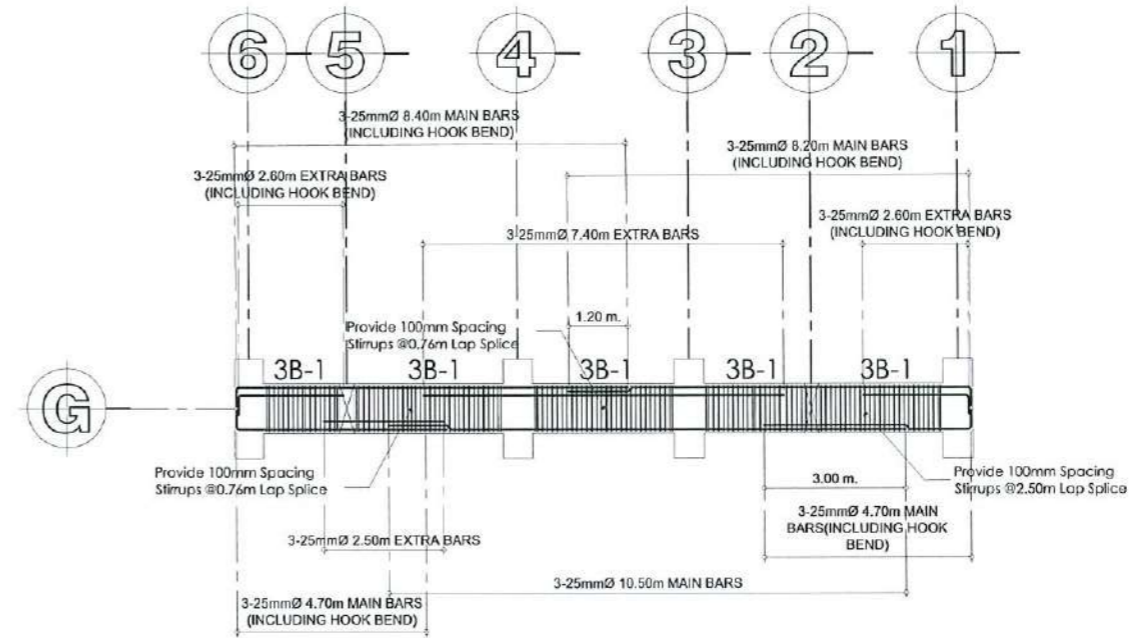
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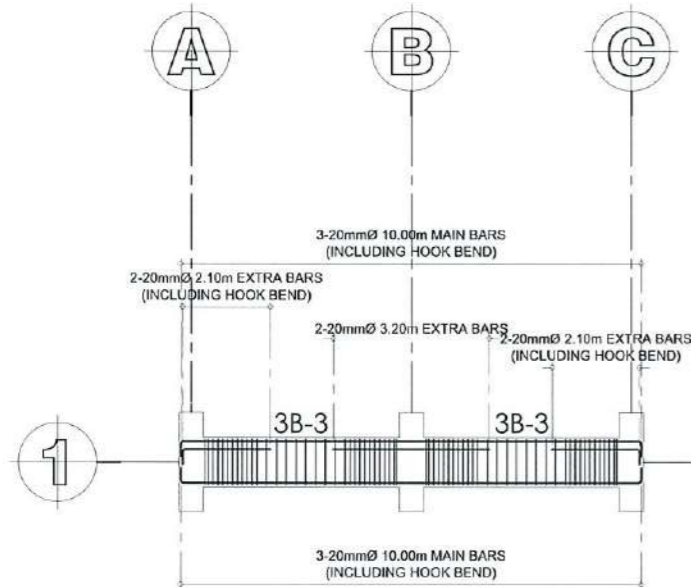
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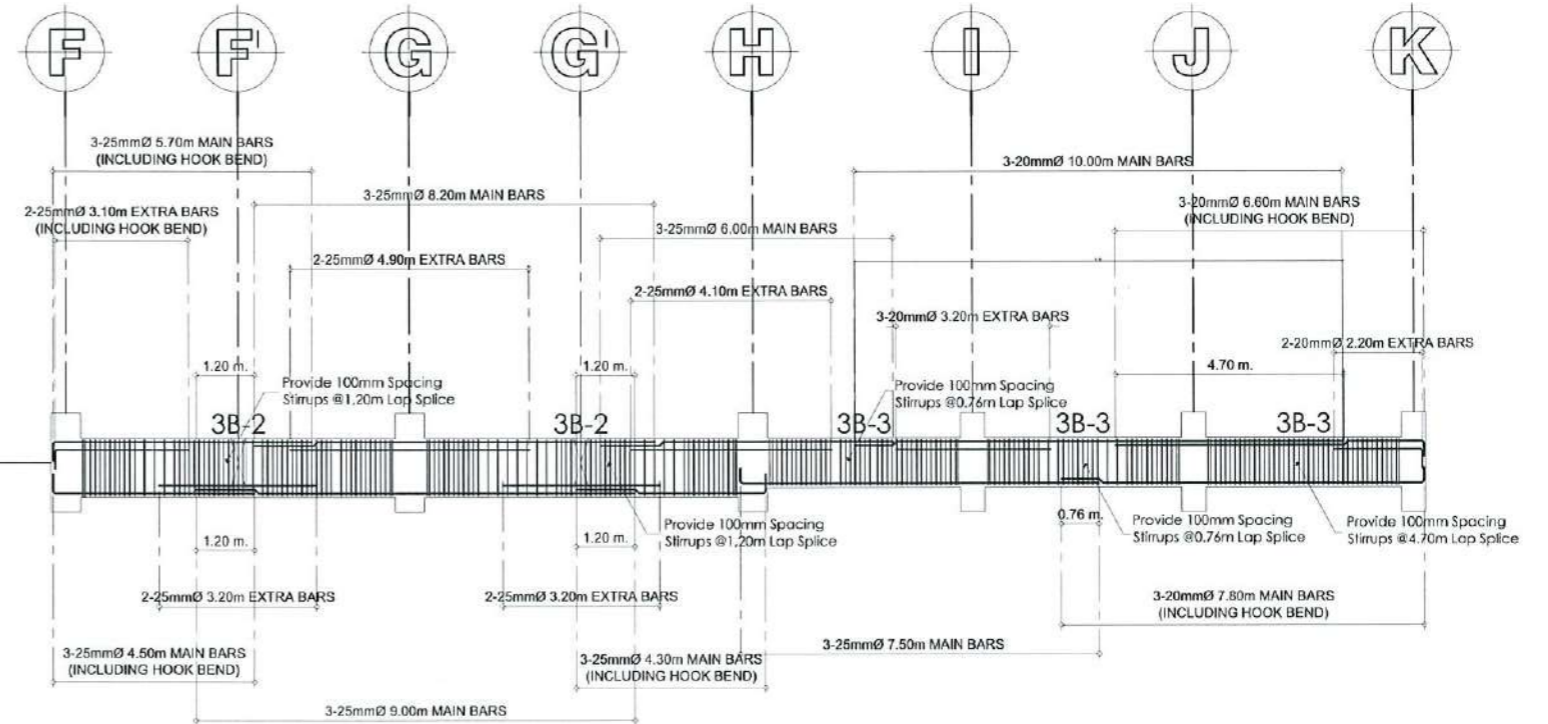
TYPICAL DETAIL OF THIRD FLOOR BEAM FOR GRID LINE F' AND G'
SCALE 1:175 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM GRID LINE G
SCALE 1:175 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM GRID LINE 1 (PART 1)
SCALE 1:150 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM GRID LINE 1 (PART 2)
SCALE 1:150 MTRS



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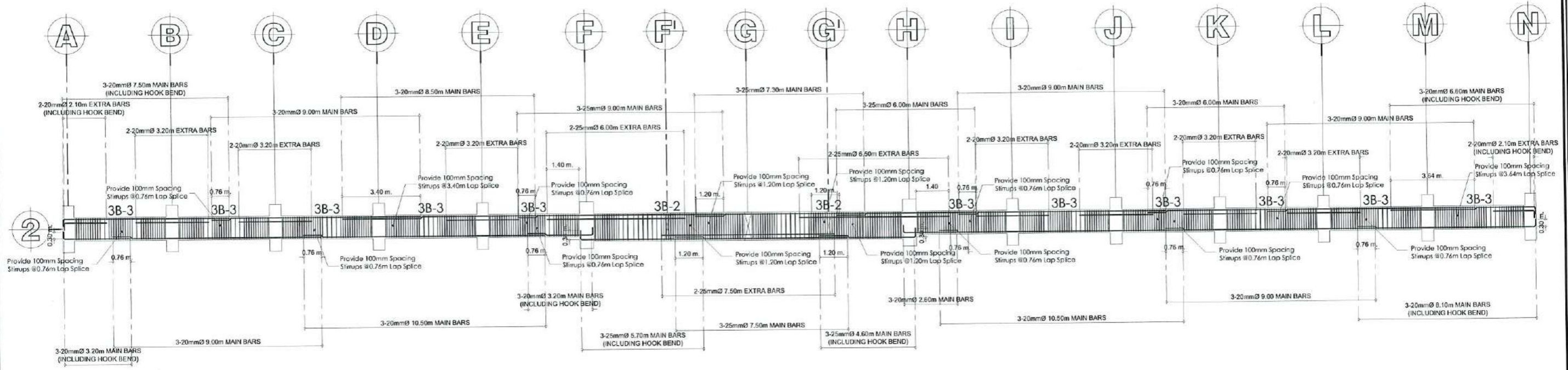
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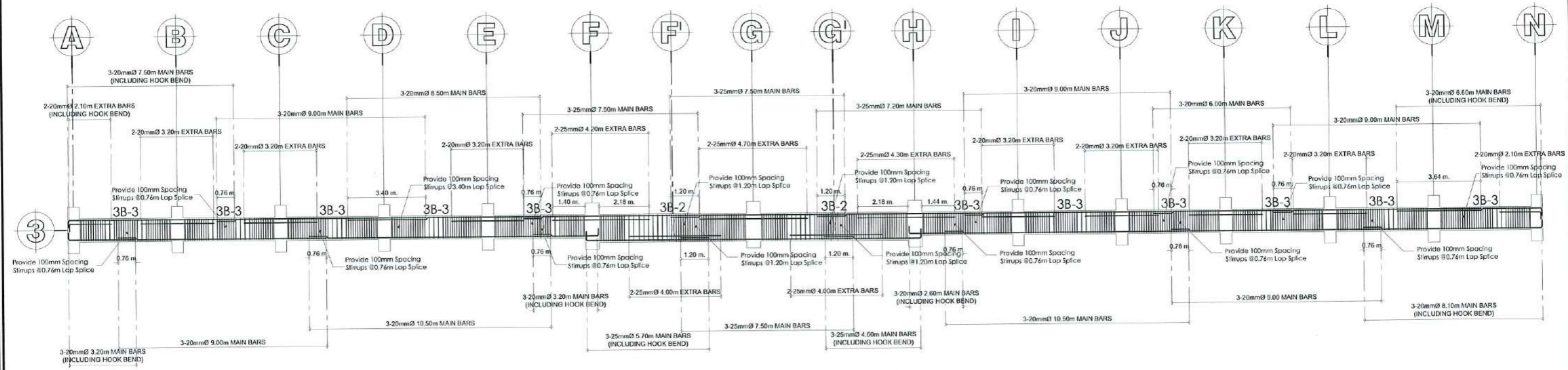
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[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT


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DATE: SEPTEMBER 2023
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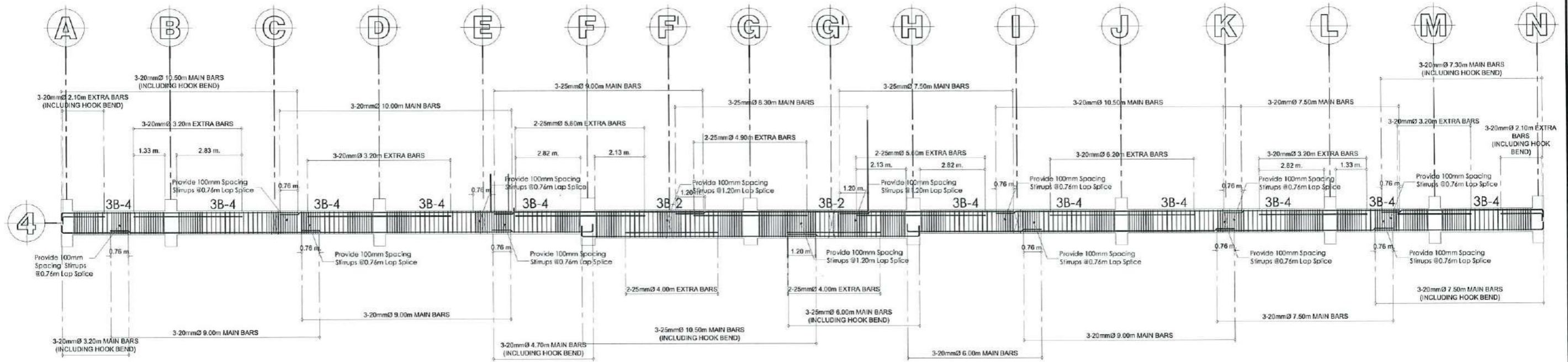


TYPICAL DETAIL OF THIRD FLOOR BEAM GRID LINE 2 AND 5
SCALE 1:175 MTRS

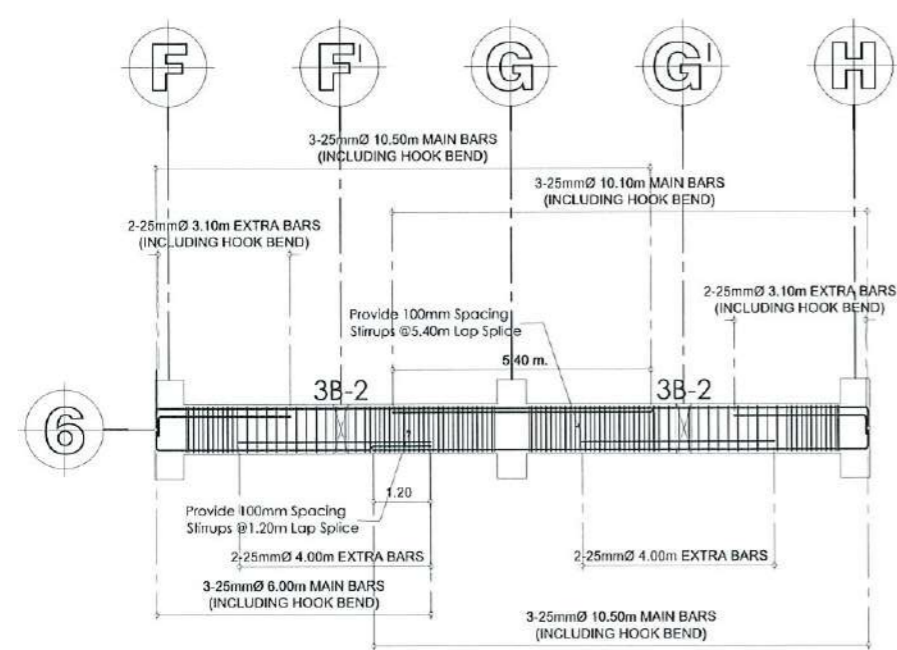


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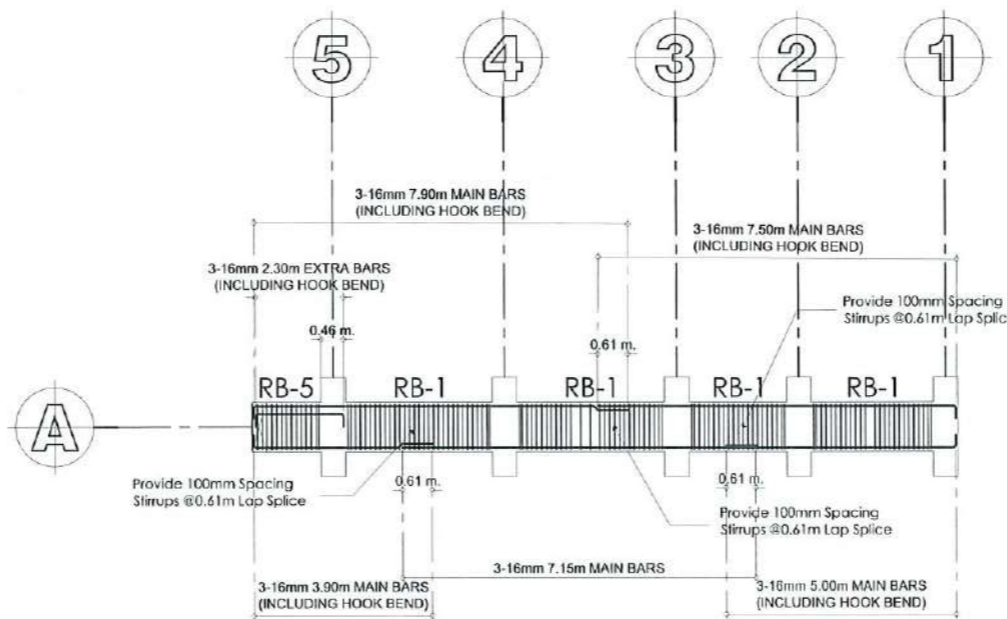
 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Remulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	S-15
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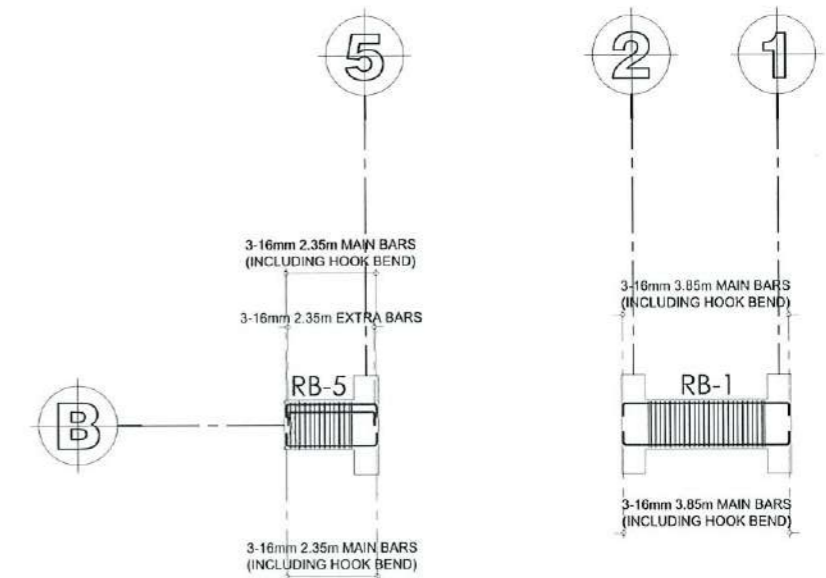
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SCALE 1:175 MTRS



TYPICAL DETAIL OF THIRD FLOOR BEAM GRID LINE 6
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE A
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE B AND C
SCALE 1:150 MTRS



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PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
[Signature]
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
[Signature]
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FOMD

CHECKED BY:
[Signature]
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMD

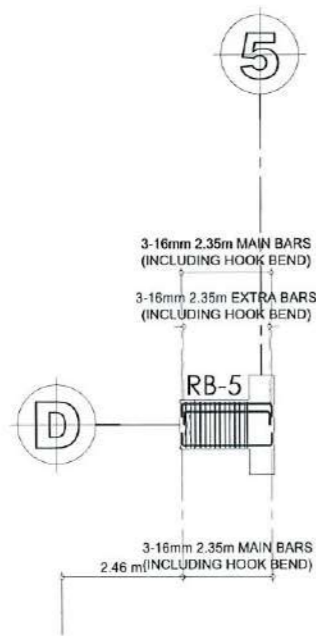
CERTIFIED BY:
[Signature]
AR. CHERRY L. FABIANES
DIRECTOR, FOMD

RECOMMENDING APPROVAL:
[Signature]
DR. GRACE M. ROSETE
VP ADMINISTRATION AND FINANCE

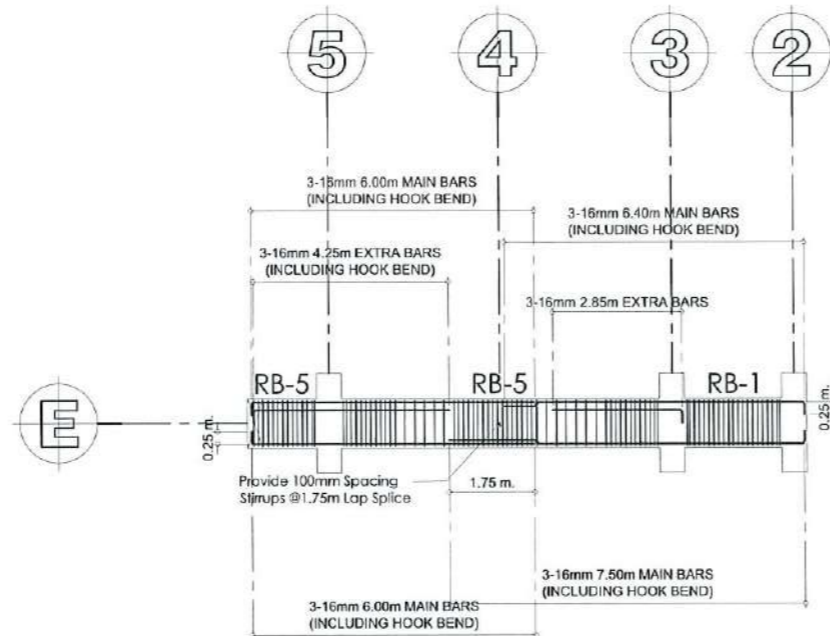
APPROVED:
[Signature]
DR. ARNOLD E. VELASCO
PRESIDENT

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AS SHOWN
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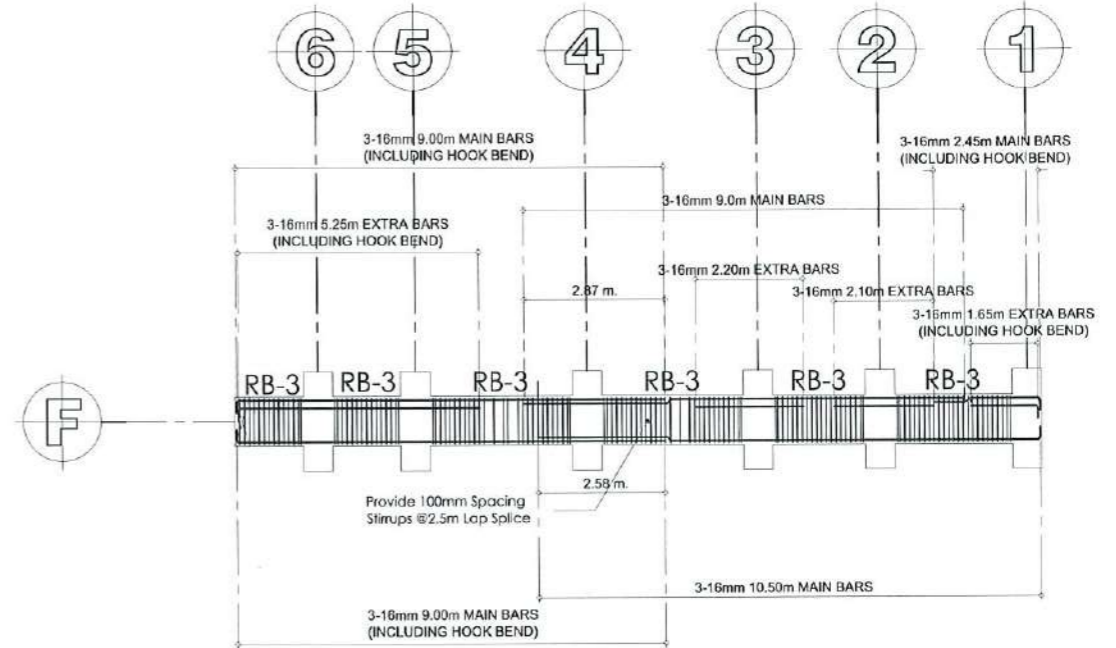
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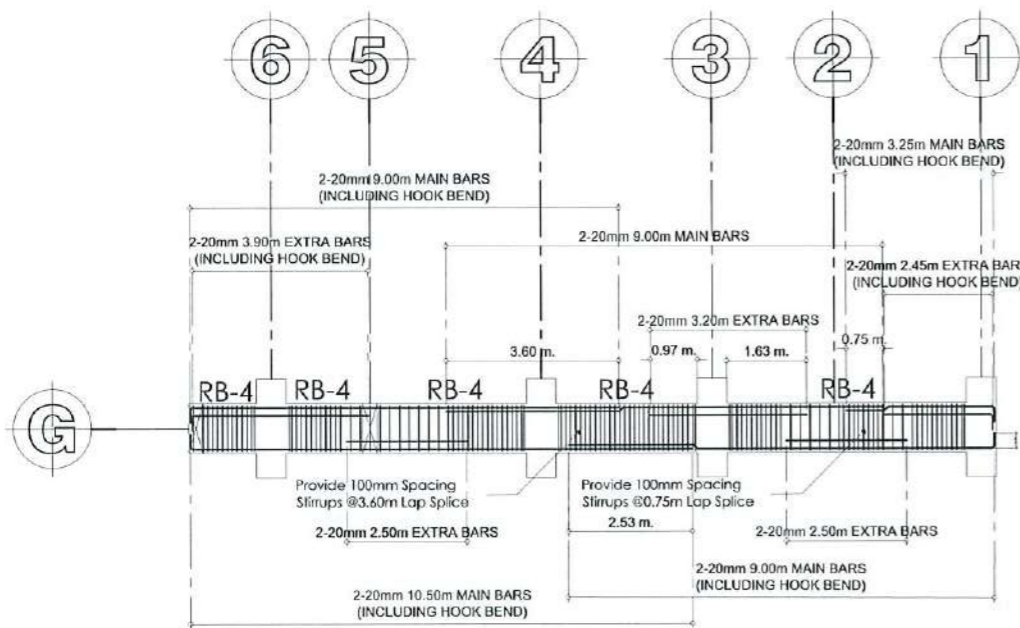
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SCALE 1:150 MTRS



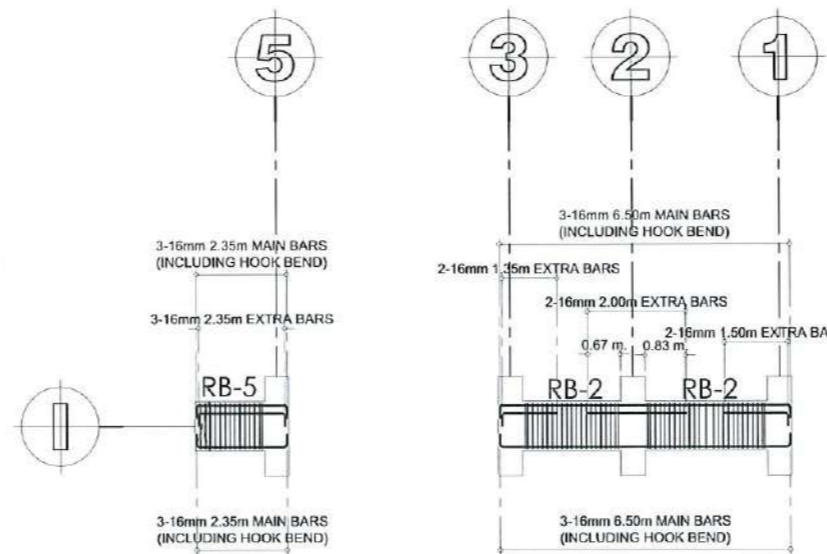
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SCALE 1:150 MTRS



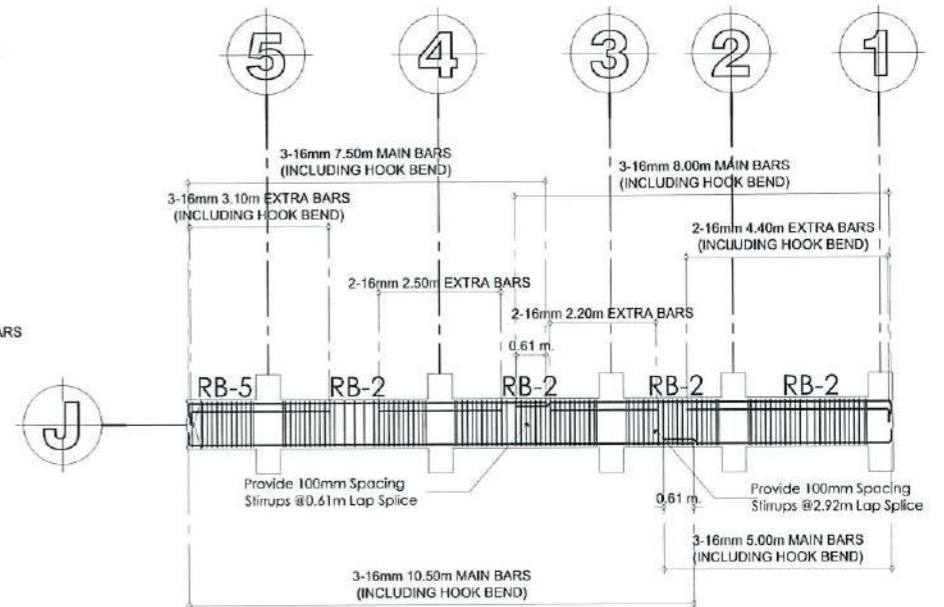
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SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE G
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE I AND K
SCALE 1:150 MTRS

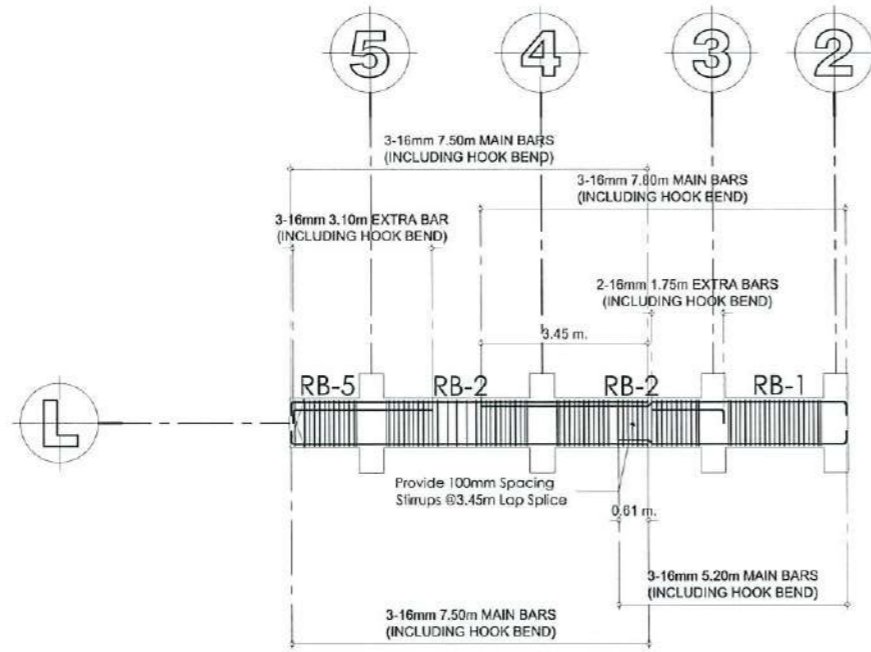


TYPICAL DETAIL OF ROOF BEAM GRID LINE J
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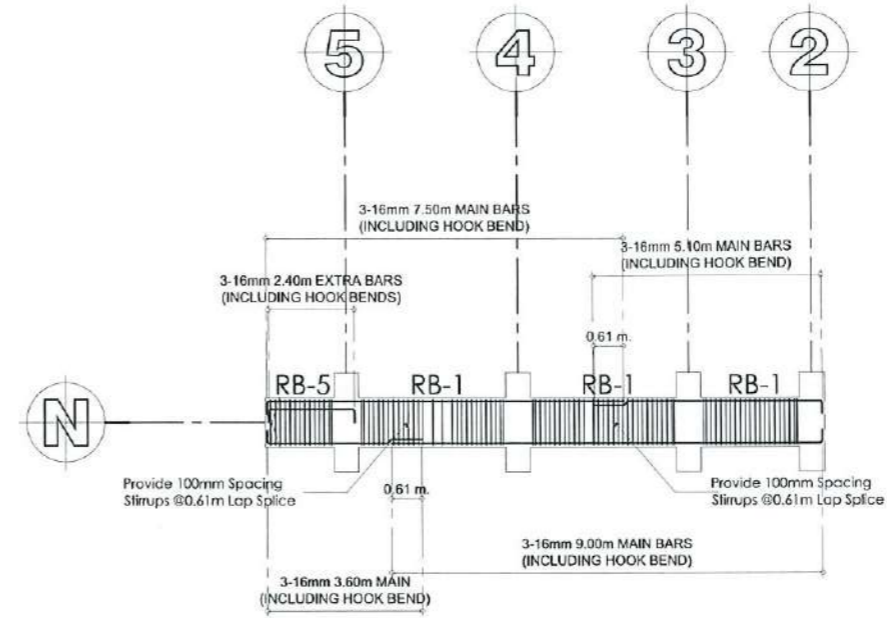


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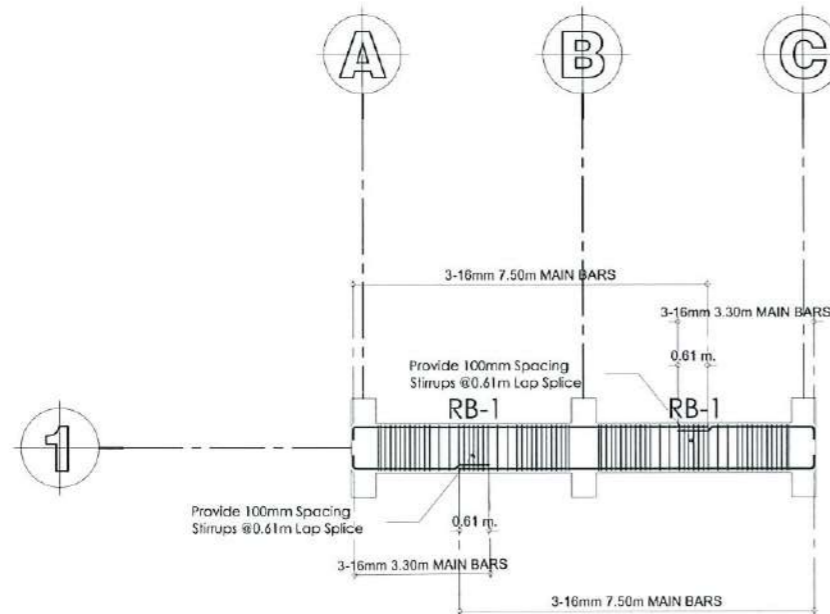
PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY:	DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY:	ENGR. ALEXANDER JHON S. TABAQUERO CIVIL ENGINEER, FDMO	CERTIFIED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL:	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	S-17
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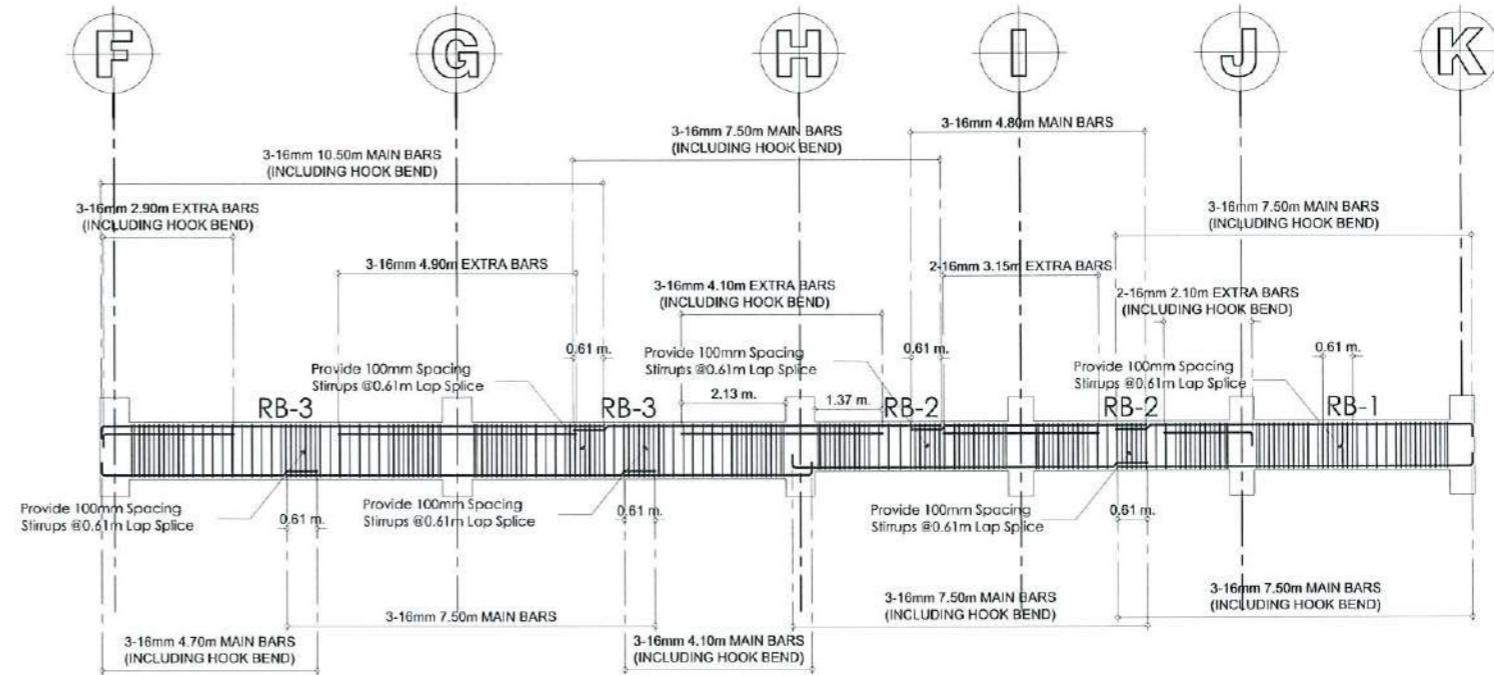
TYPICAL DETAIL OF ROOF BEAM GRID LINE L AND M
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE N
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE 1
SCALE 1:150 MTRS



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

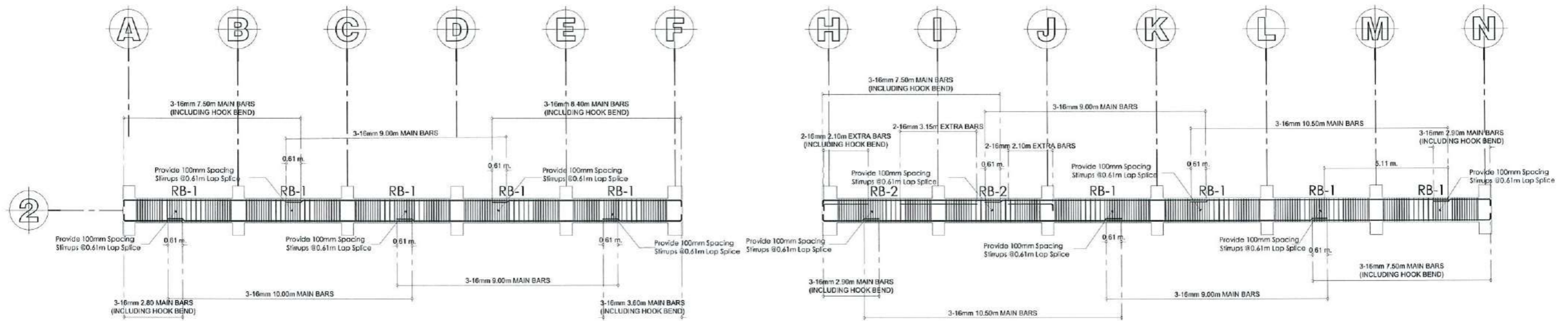
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACIE N. ROSETE
VP ADMINISTRATION AND FINANCE

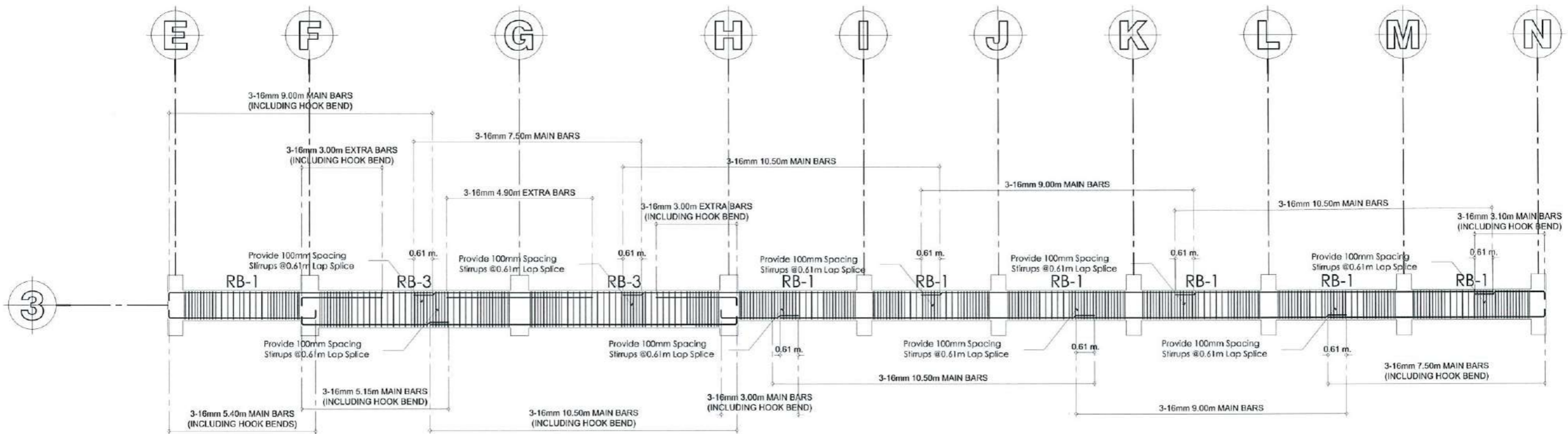
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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TYPICAL DETAIL OF ROOF BEAM GRID LINE 2
SCALE 1:175 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE 3
SCALE 1:150 MTRS



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAO

PREPARED BY:
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDMO

CHECKED BY:
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PLANNING UNIT HEAD, FDMO

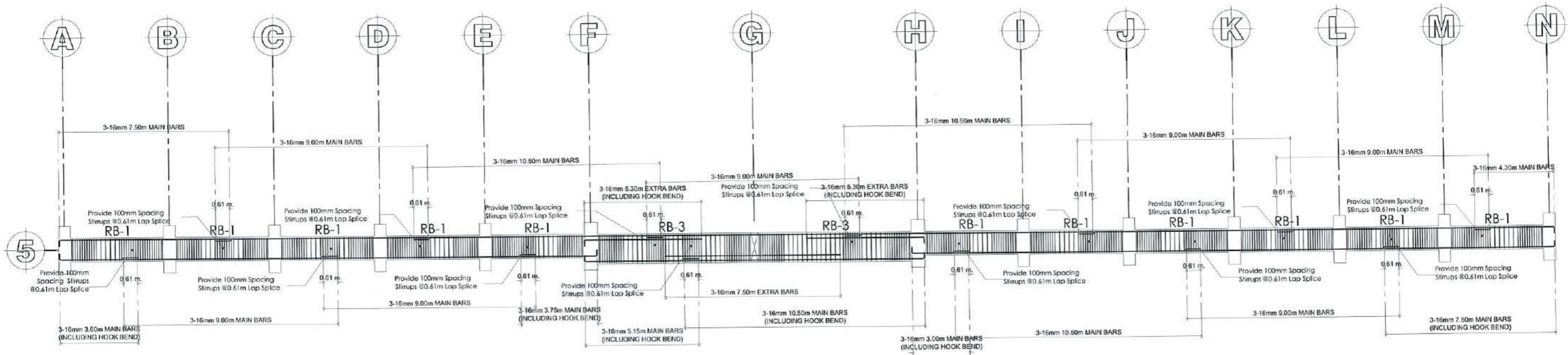
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RECOMMENDING APPROVAL:
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VP ADMINISTRATION AND FINANCE

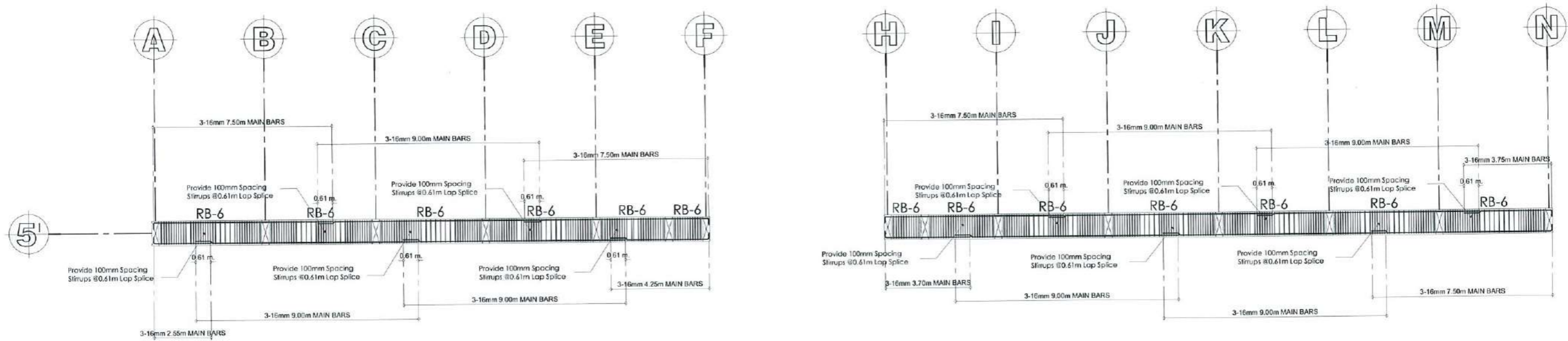
APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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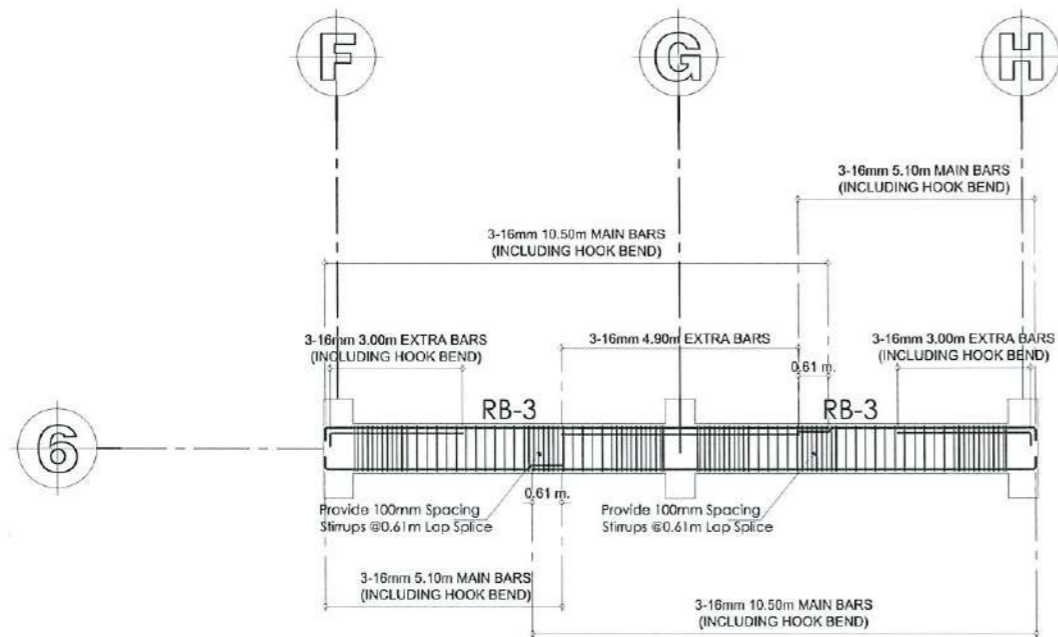


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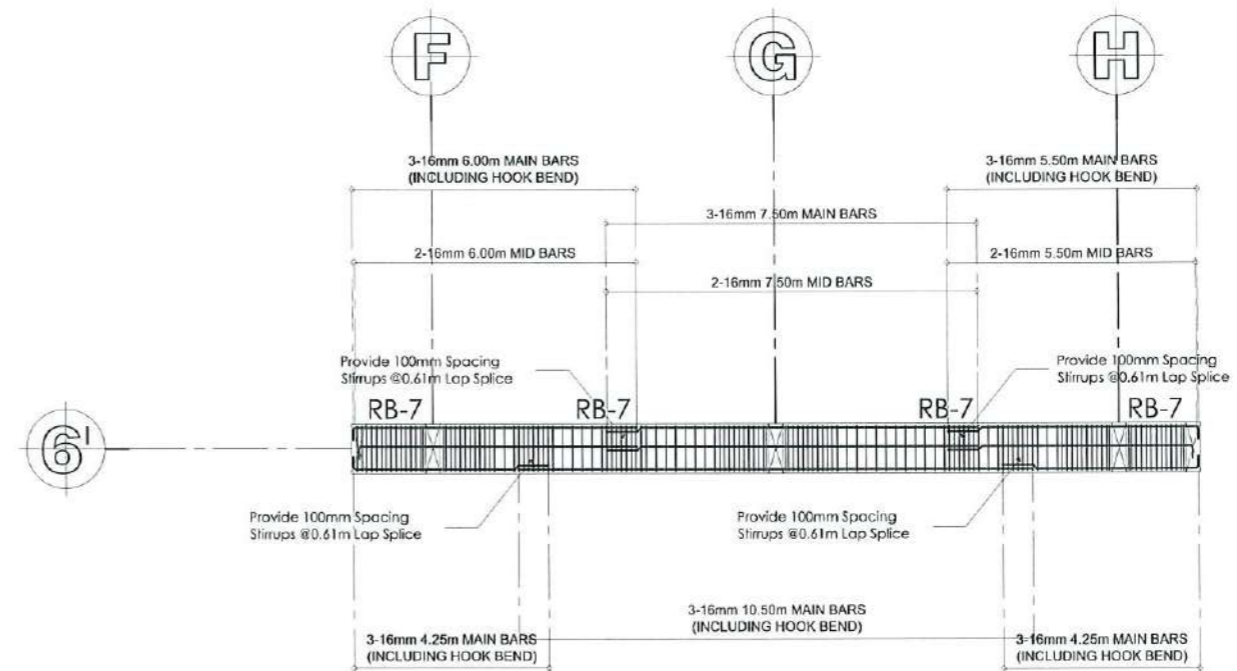


TYPICAL DETAIL OF ROOF BEAM GRID LINE 5'
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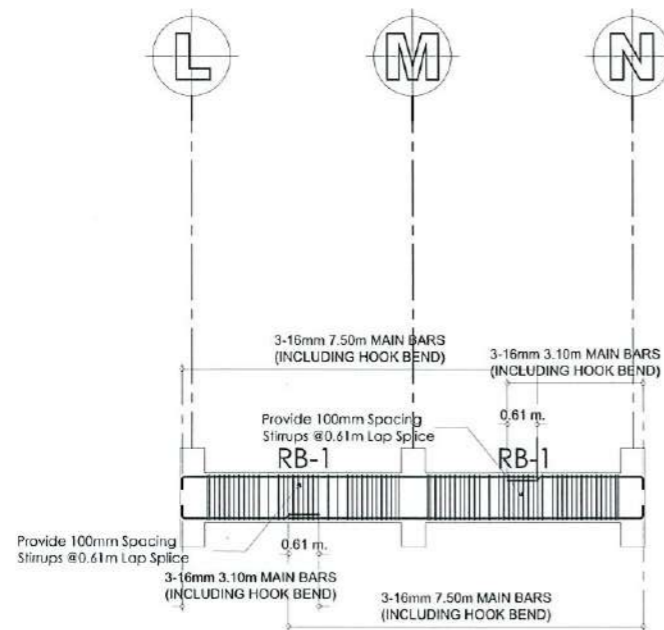
  <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
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	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 101/163



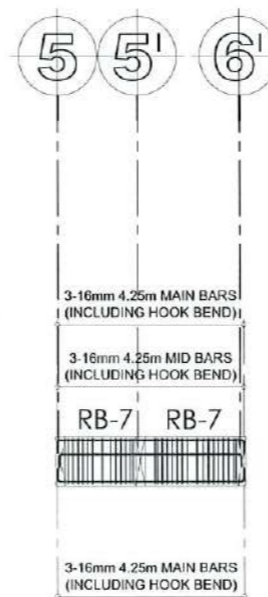
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SCALE 1:150 MTRS



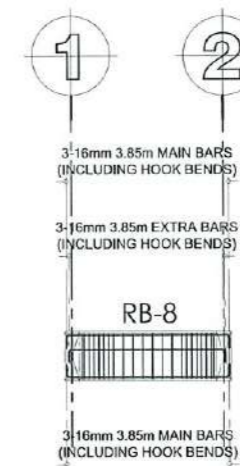
TYPICAL DETAIL OF ROOF BEAM GRID LINE 6'
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE 4
SCALE 1:150 MTRS



TYPICAL DETAIL OF ROOF BEAM GRID LINE E' AND H'
SCALE 1:150 MTRS



TYPICAL DETAIL OF RB-8
SCALE 1:150 MTRS



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Romulo Boulevard, Tarlac City, PH: 04910105 2300

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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
ENGR. ALEXANDER JHON S. TABAQUERO
CIVIL ENGINEER, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACIELA ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

















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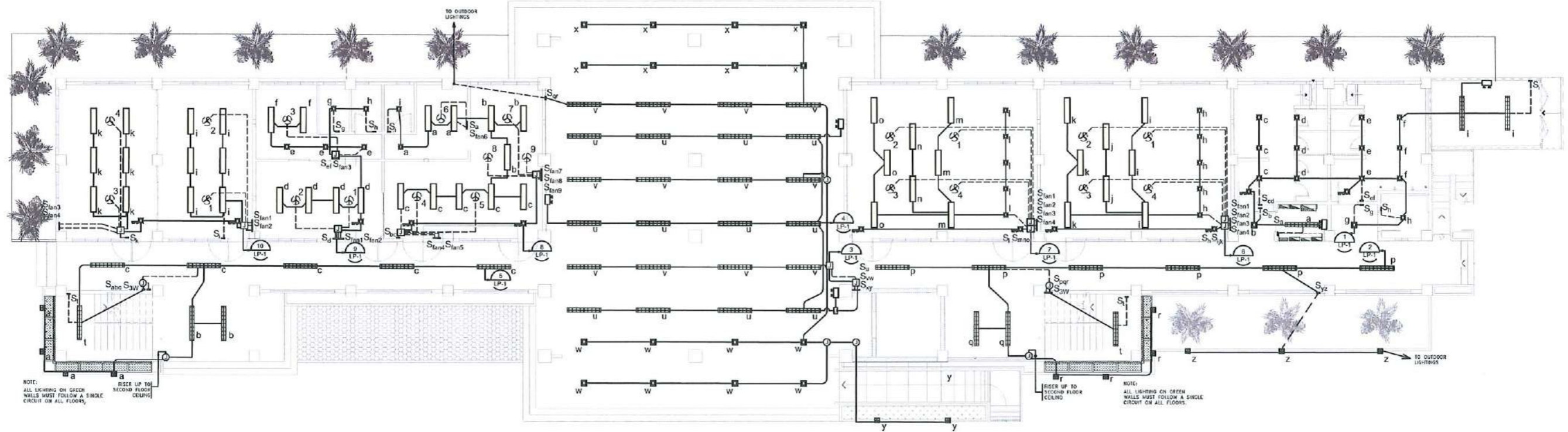
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NOTE:

1. CONCEAL ALL PIPES FOR THE LIGHTING LAYOUT OF OUTDOOR FLOODLIGHTS ON CONCRETE. PROVIDE JUNCTION BOX ON EACH LUMINAIRE FOR SPLICING POINT.

2. ALL FLOODLIGHTS ON GREEN WALLS AT ALL FLOORS SHALL BE IN ONE CIRCUIT ONLY.







-  12W LED DOWNLIGHT FROSTED
-  12W ROUND LED PANEL DOWNLIGHT
-  12W SQUARE LED DOWNLIGHT SURFACE MOUNTED
-  WALL LAMP WITH 2 X 12W LED BULB WARM WHITE
-  EMERGENCY LIGHT
-  3W LED UFO EMERGENCY LIGHT
-  CEILING FAN
-  EMERGENCY EXIT LED SIGNAGE
-  HOMERUN CIRCUIT
-  ONE GANG SWITCH
-  TWO GANG SWITCH
-  THREE GANG SWITCH
-  ONE GANG 3-WAY SWITCH
-  ONE GANG 4-WAY SWITCH
-  CEILING FAN CONTROL SWITCH
-  10W LED FLOODLIGHT WARMWHITE

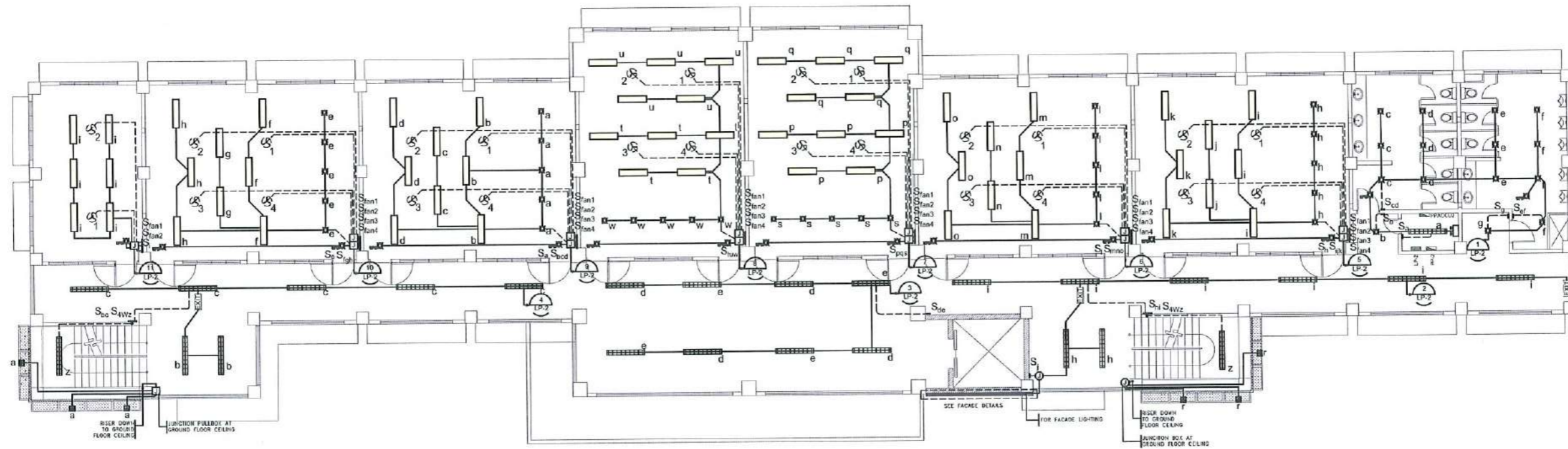


GROUND FLOOR LIGHTING LAYOUT
SCALE: 1: 200 METERS










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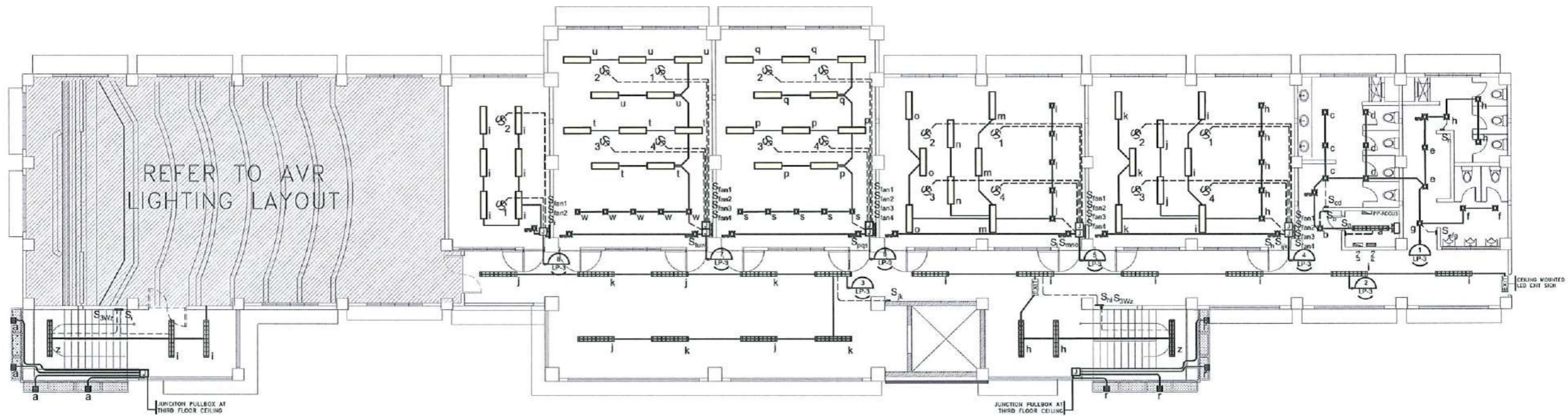
PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	 DR. EDWIN T. CAOLENG DEAN, CPAG	 ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	 AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	E- 01
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SECOND FLOOR LIGHTING LAYOUT

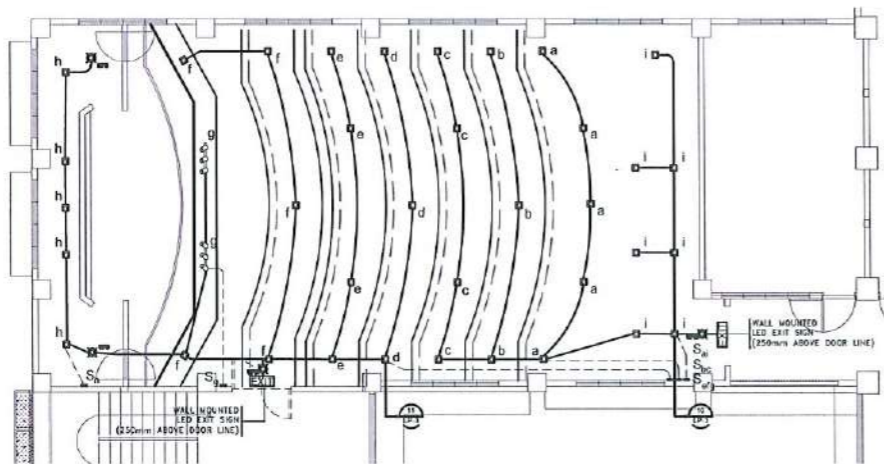
SCALE: 1: 200 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2100</small>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:  DR. EDWIN F. CAOLENG <small>DEAN, CPAG</small>	PREPARED BY:  ENGR. MISAEL REIGH MIEL V. CABANSAG <small>ELECTRICAL ENGINEER, FDMO</small>	CHECKED BY:  AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	CERTIFIED BY:  AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	RECOMMENDING APPROVAL:  DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	APPROVED:  DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	SHEET CONTENTS: AS SHOWN	SHEET NO: E- 02 PAGE NO: 104/163	
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY									
			DATE: SEPTEMBER 2023							



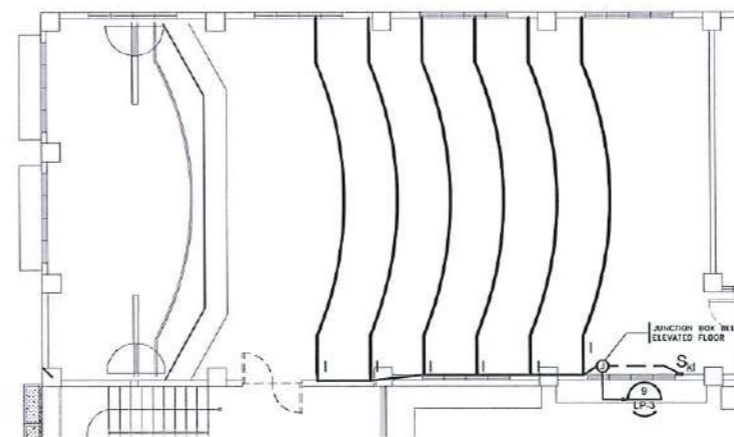
THIRD FLOOR LIGHTING LAYOUT
SCALE: 1: 200 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
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**LIGHTING LAYOUT
AUDIO VISUAL ROOM LAYOUT**

SCALE: 1: 200 METERS

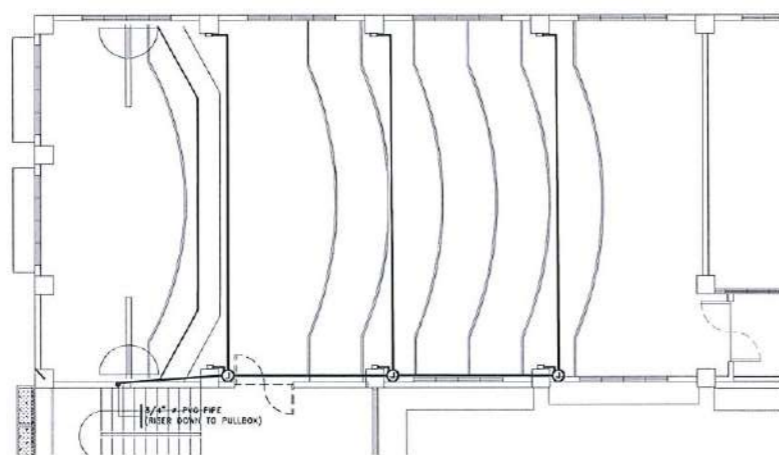


**COVE LIGHTING
AUDIO VISUAL ROOM LAYOUT**

SCALE: 1: 200 METERS

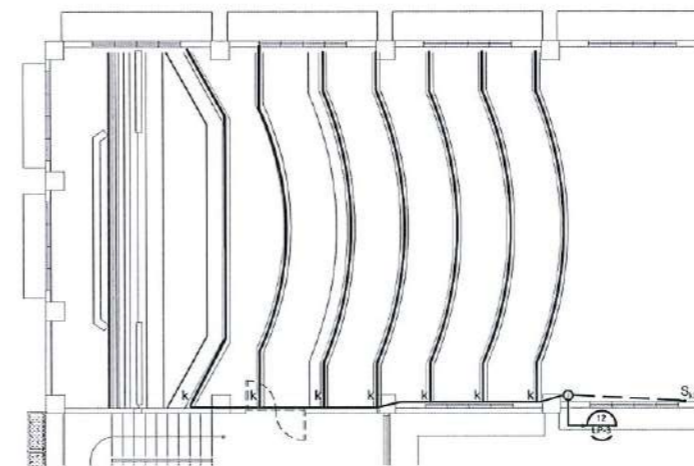
LEGEND

- 12W LED RECESSED PANEL LIGHT SQUARE
- UFO LED LED UFO EMERGENCY LIGHT CEILING MOUNTED
- LED TRACK LIGHTS
- LED STRIP IP65 FLEXIBLE LIGHT [DAYLIGHT] WITH POWER ADAPTER
- S_a ONE GANG SWITCH
- S_{ab} TWO GANG SWITCH
- S_{abc} THREE GANG SWITCH
- Ⓜ CIRCUIT HOMERUN



**SPEAKER ROUGHING-IN
AUDIO VISUAL ROOM LAYOUT**

SCALE: 1: 200 METERS



**STEP LIGHTING
AUDIO VISUAL ROOM LAYOUT**


SCALE: 1: 200 METERS

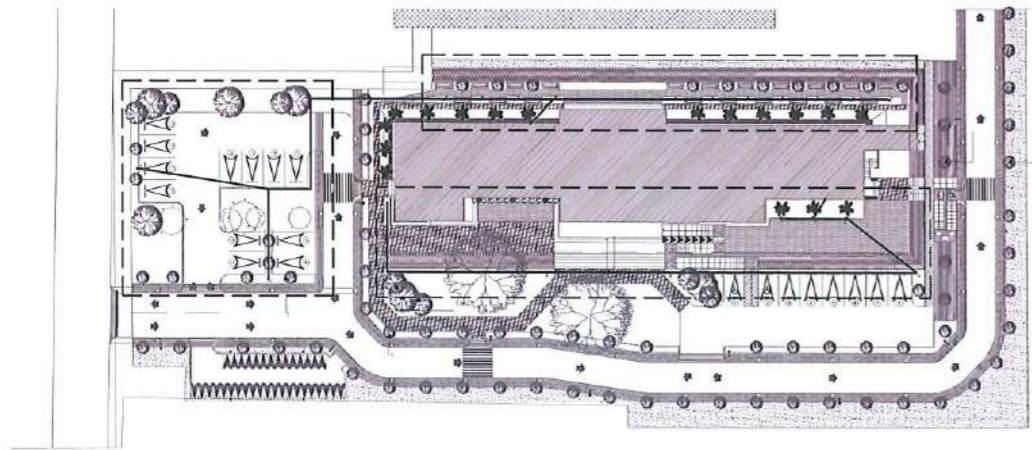


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PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: E- 04
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	PAGE NO.: 106/163

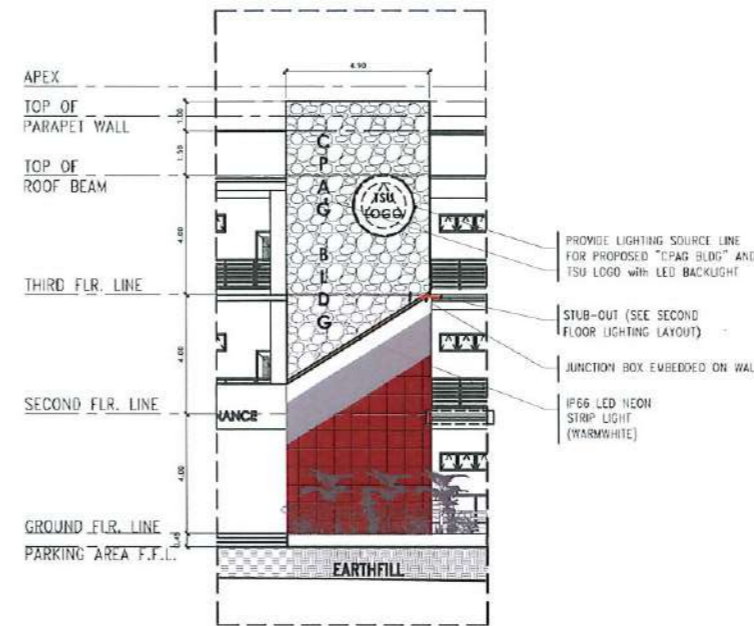
LEGEND

 LAMP POST ANTIQUE DESIGN



SITE DEVELOPMENT OUTDOOR LIGHTING

SCALE: 1:1000 METERS

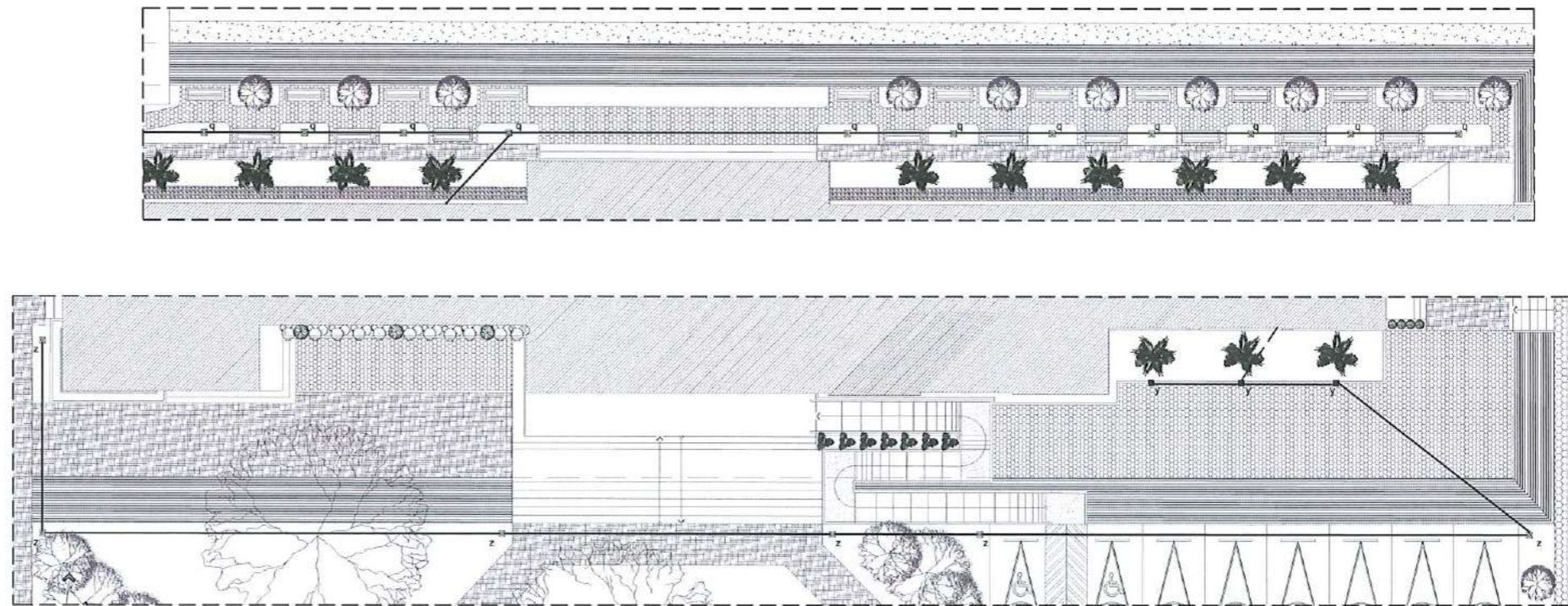
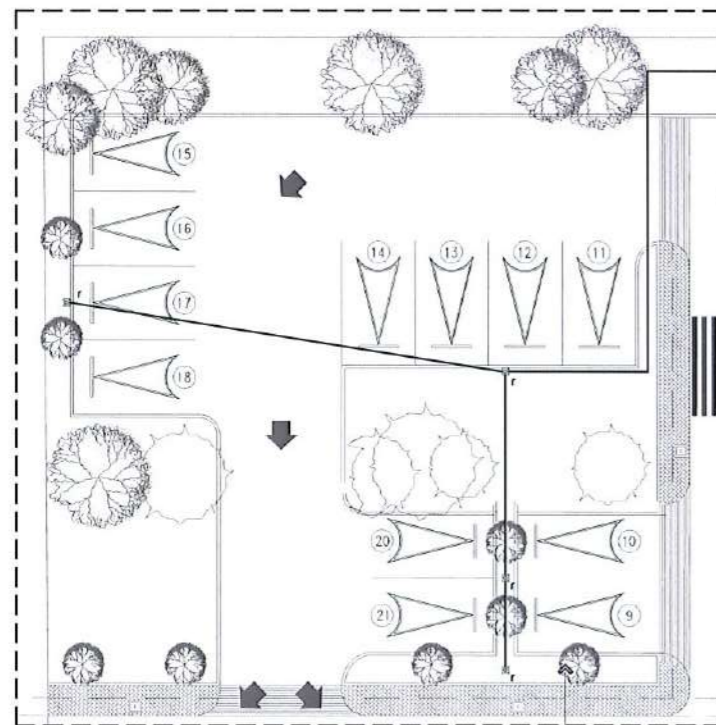


NOTE:

1. EMBED/CONCEAL ALL THE CONDUITS AND JUNCTION/UTILITY BOXES ON CONCRETE WALL AND CEILING SLAB.
2. A SINGLE SWITCH SHALL BE USED FOR ALL LIGHTINGS ON THE FACADE. SEE SECOND FLOOR LIGHTING LAYOUT.

FRONT FACADE DETAILS

SCALE: 1:250 METERS



SITE DEVELOPMENT OUTDOOR LIGHTING LAYOUT

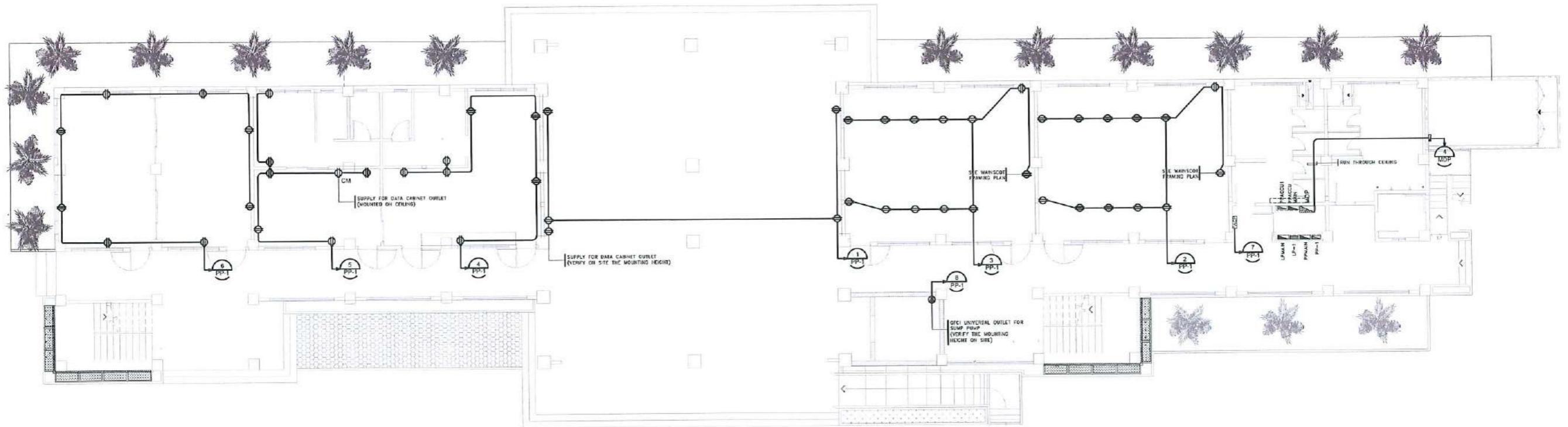
SCALE: 1:300 METERS



PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CALENG DEAN, CPAG	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: E- 05
							DATE: SEPTEMBER 2023	PAGE NO: 107/163

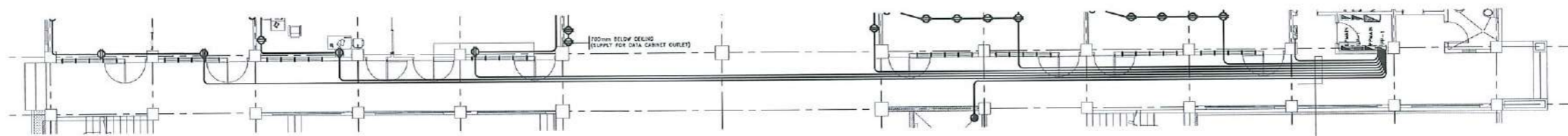
LEGEND

- ⊕ DUPLEX UNIVERSAL OUTLET
- ⊕ DUPLEX FLOOR MOUNTED UNIVERSAL OUTLET
- ⊕ CM DUPLEX CEILING MOUNTED UNIVERSAL OUTLET
- ▭ PANEL BOARD
- ⊕ HOMERUN CIRCUIT
- EXISTING CIRCUIT HOME RUN
- CIRCUIT HOMERUN



GROUND FLOOR POWER LAYOUT

SCALE: 1: 200 METERS



CIRCUIT HOME RUN LAYOUT

RUN THROUGH GROUND FLOOR CONCRETE SLAB (SPACING BETWEEN PIPE SHALL BE AT LEAST 15mm)

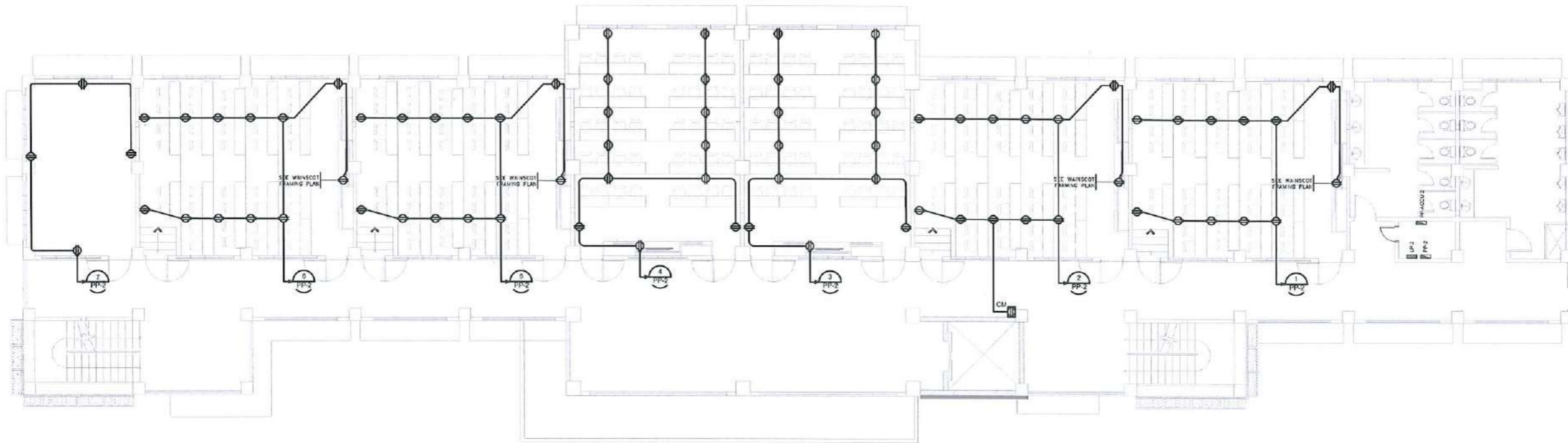


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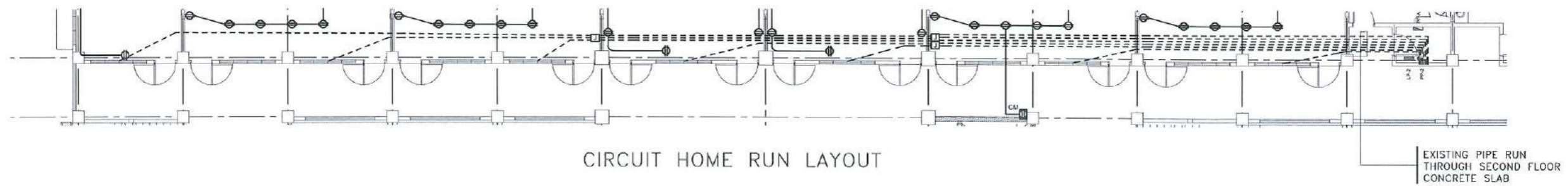
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS: AS SHOWN	SHEET NO.: E-06
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO.: 108/163

NOTES:

1. VERIFY EXISTING PIPES AND STUB-OUTS ON SITE.

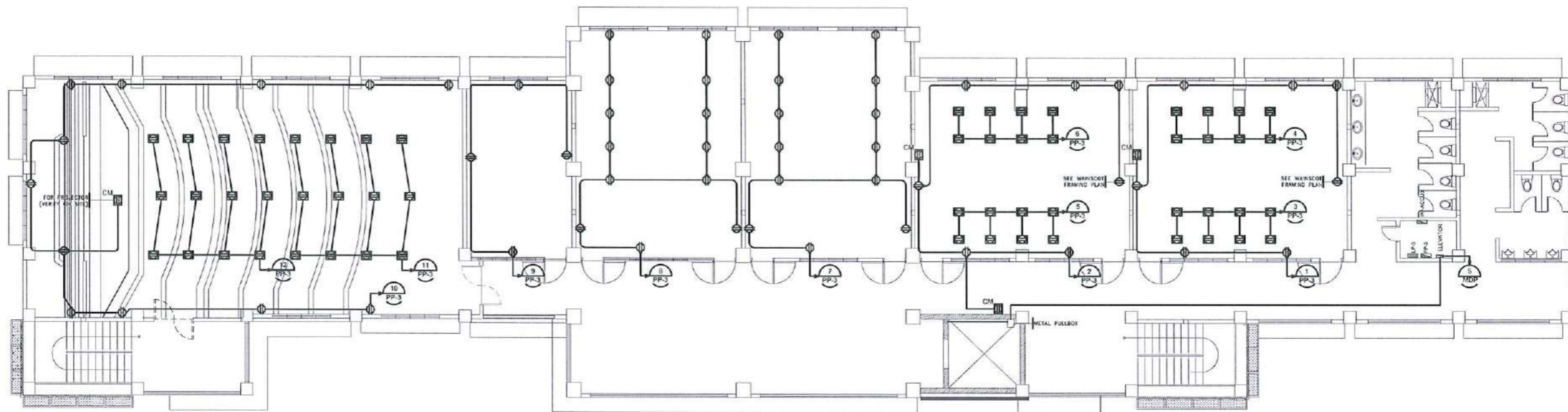


SECOND FLOOR POWER LAYOUT
SCALE: 1: 200 METERS

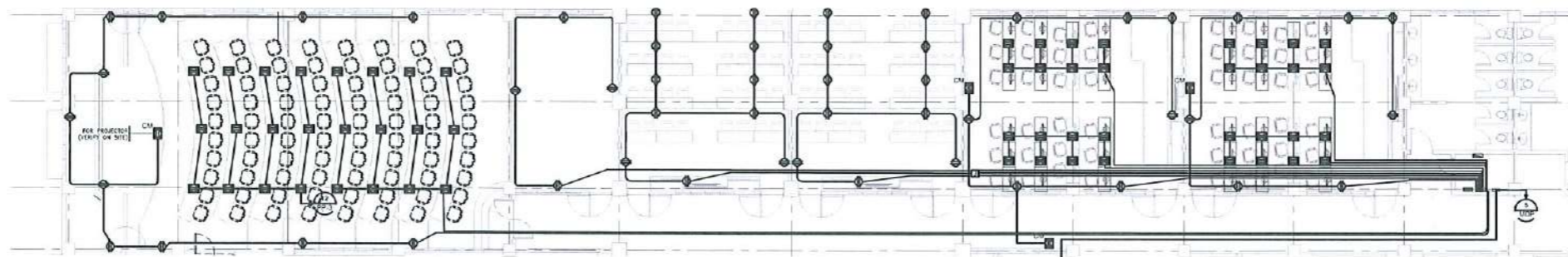


CIRCUIT HOME RUN LAYOUT

 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	E-07
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THIRD FLOOR POWER LAYOUT
SCALE: 1: 200 METERS

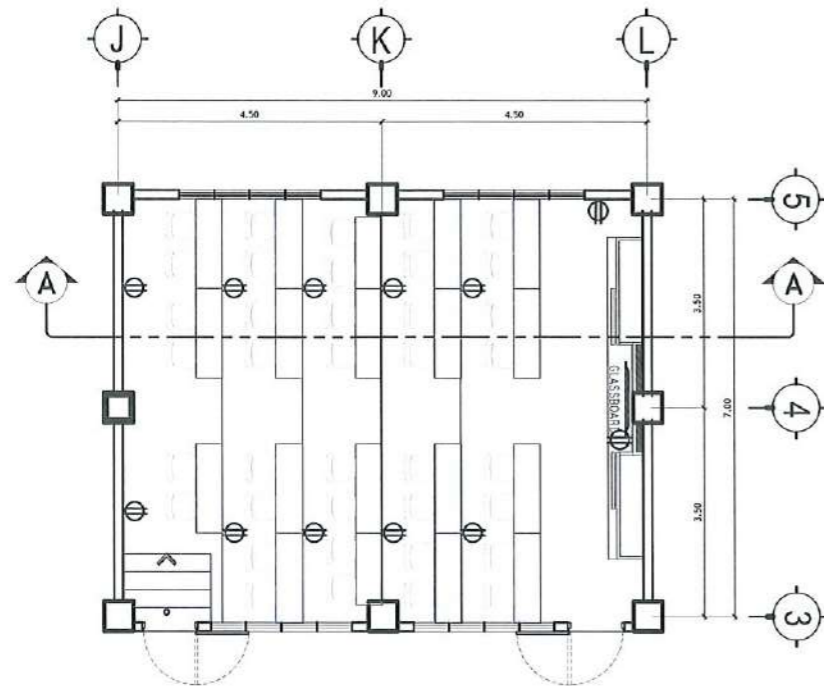


CIRCUIT HOME RUN LAYOUT

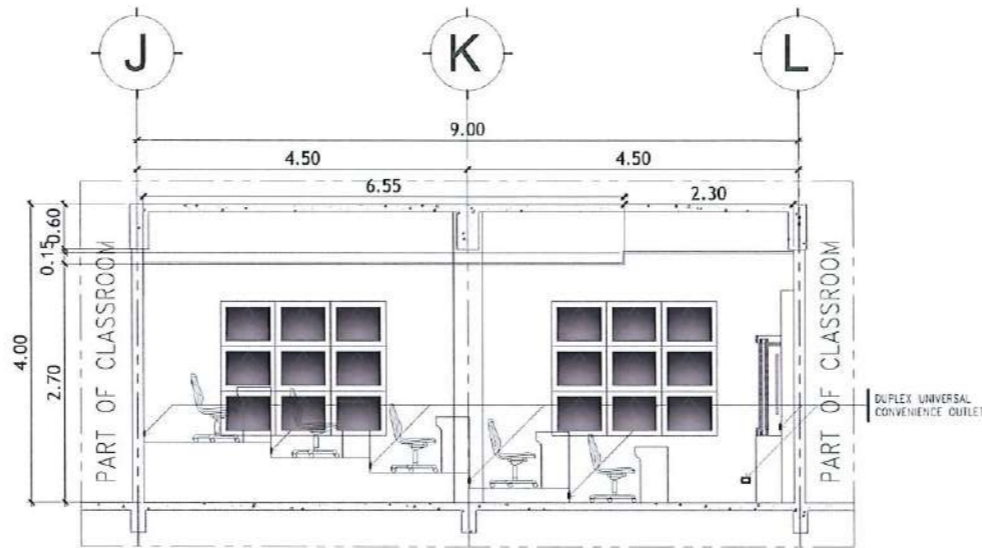


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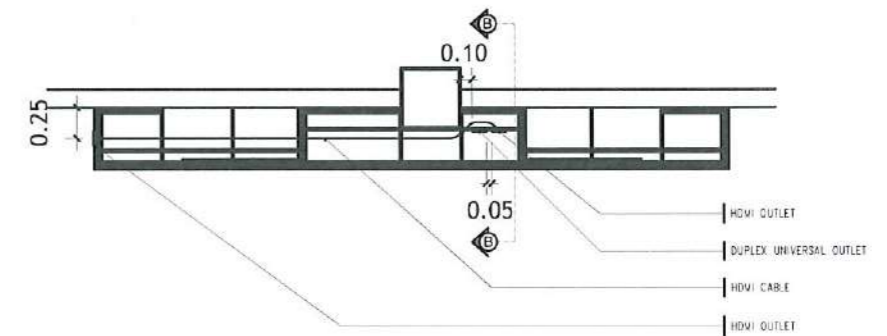
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: E-08
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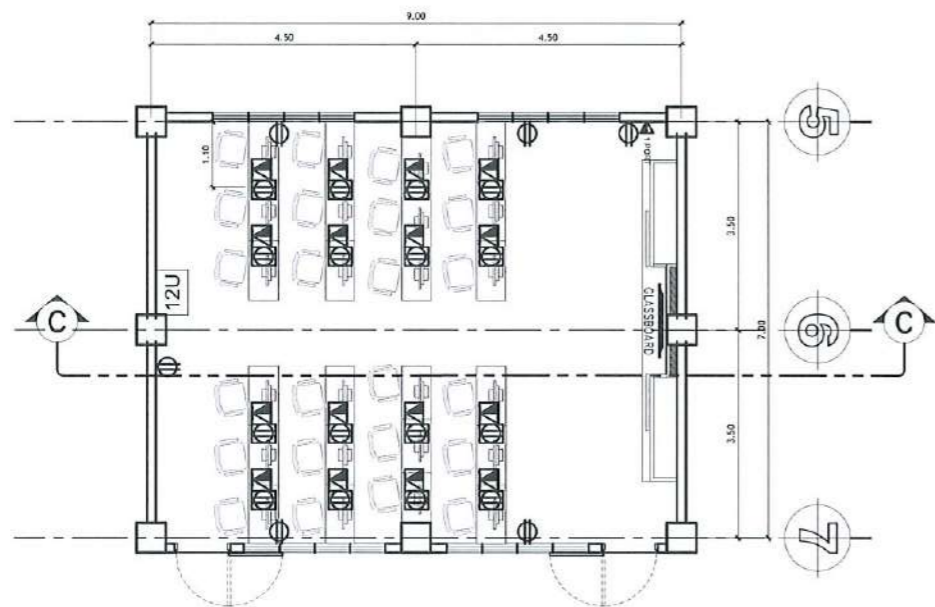
TYPICAL LECTURE ROOM PLAN
SCALE: 1: 125 METERS



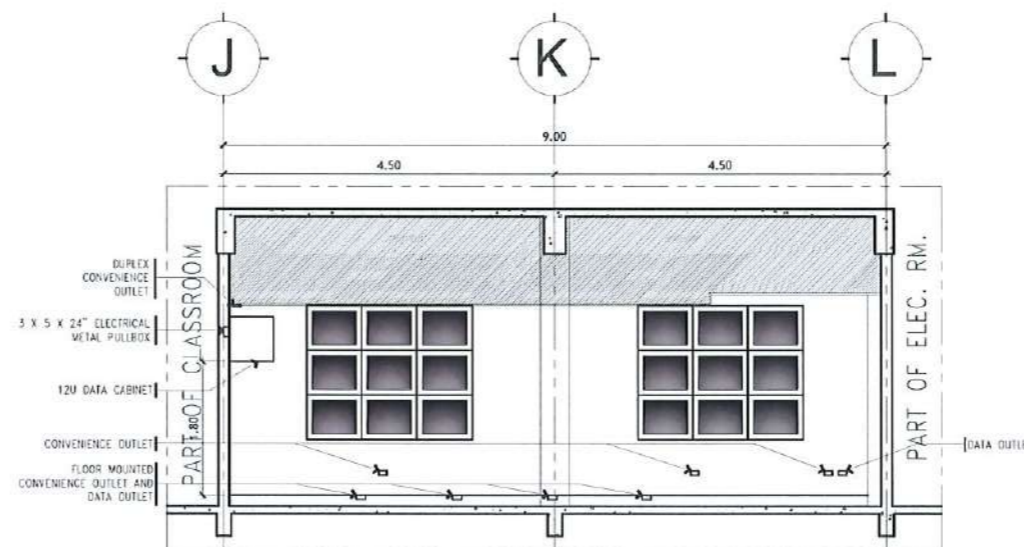
SECTIONAL ELEVATION THRU A-A
SCALE: 1: 100 METERS



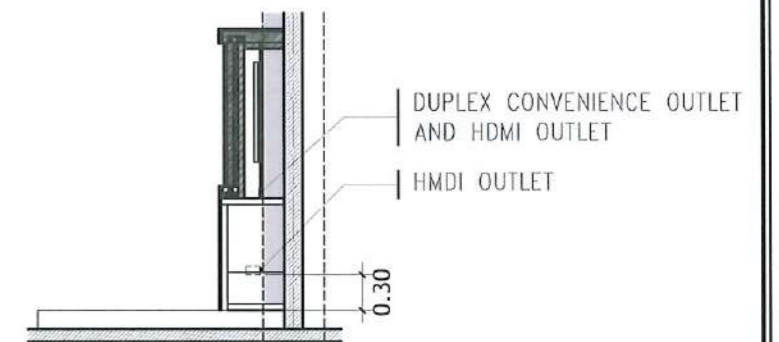
TYP. BOARD & WAINSCOT FRAMING PLAN
SCALE: NTS



COMPUTER LAB 01&02 LAYOUT PLAN
SCALE: 1:125 METERS



SECTION ELEVATION THRU C-C
SCALE: 1:100 METERS



SECTION THRU B-B
SCALE: NTS



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PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION
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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN P. CAOLONG
DEAN, CPAG

PREPARED BY:
ENGR. MISAEL REIGH MIEL V. CABANSAG
ELECTRICAL ENGINEER, FOMD

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMD

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FOMD

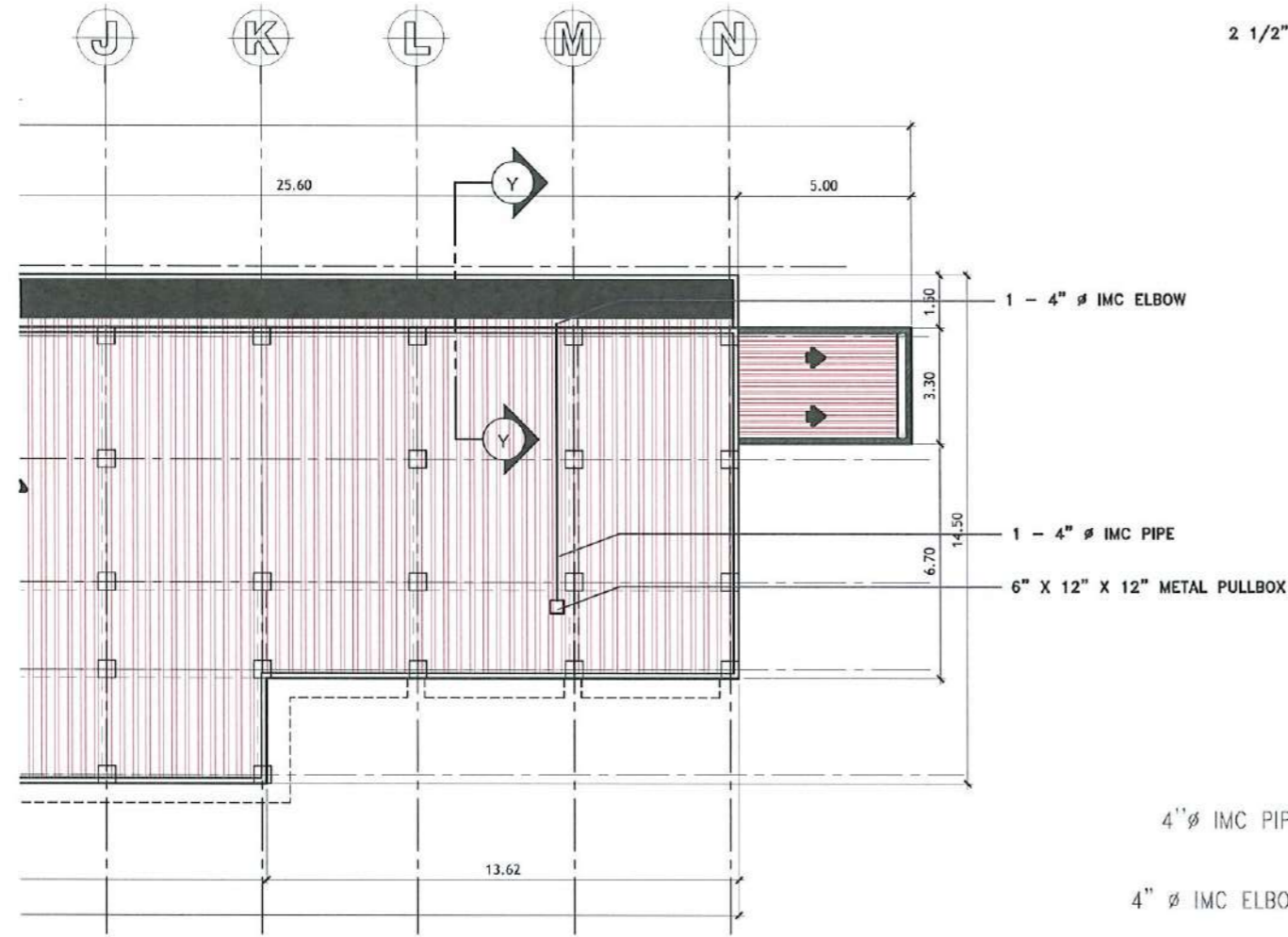
RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

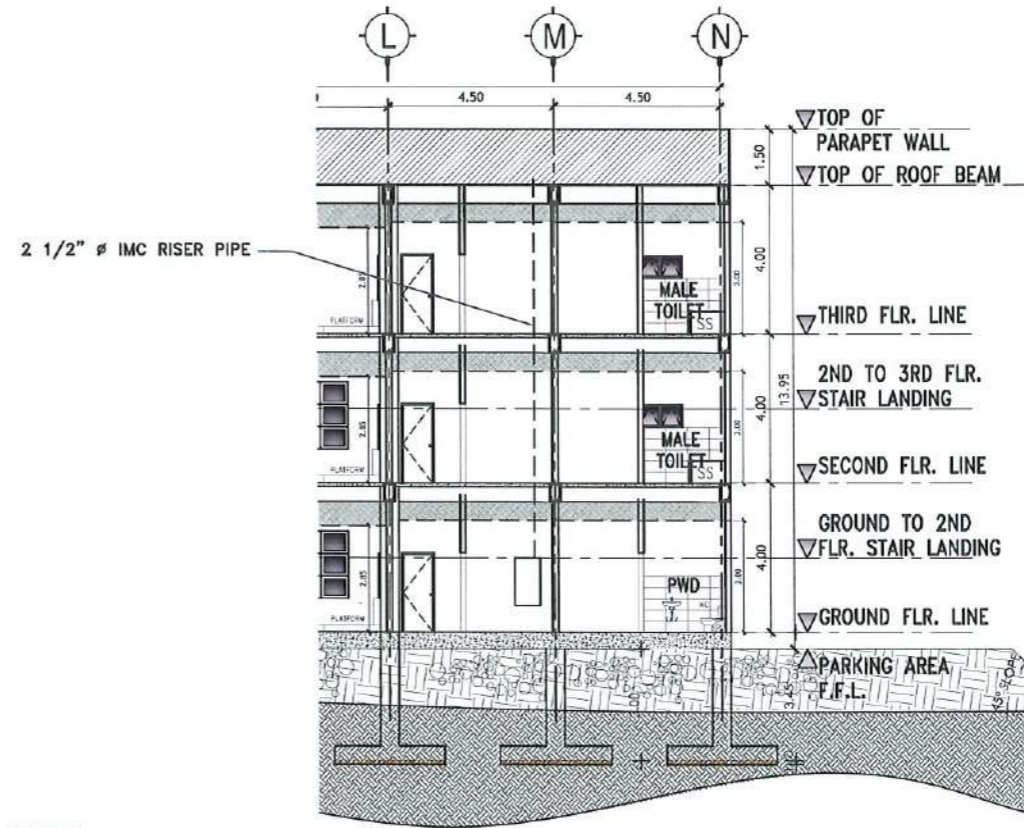
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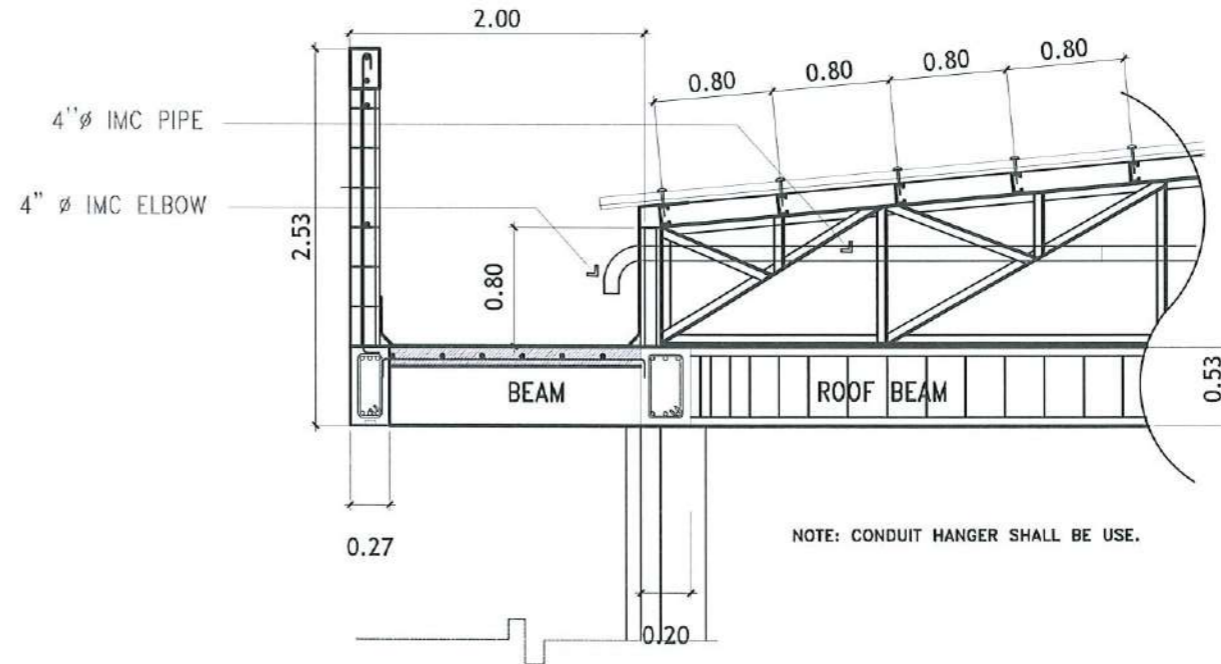
PROVISION FOR PROPOSED INSTALLATION OF PV SYSTEM



ROOF PLAN
SCALE: 1: 200 METERS



ELEVATION
SCALE: 1: 200 METERS

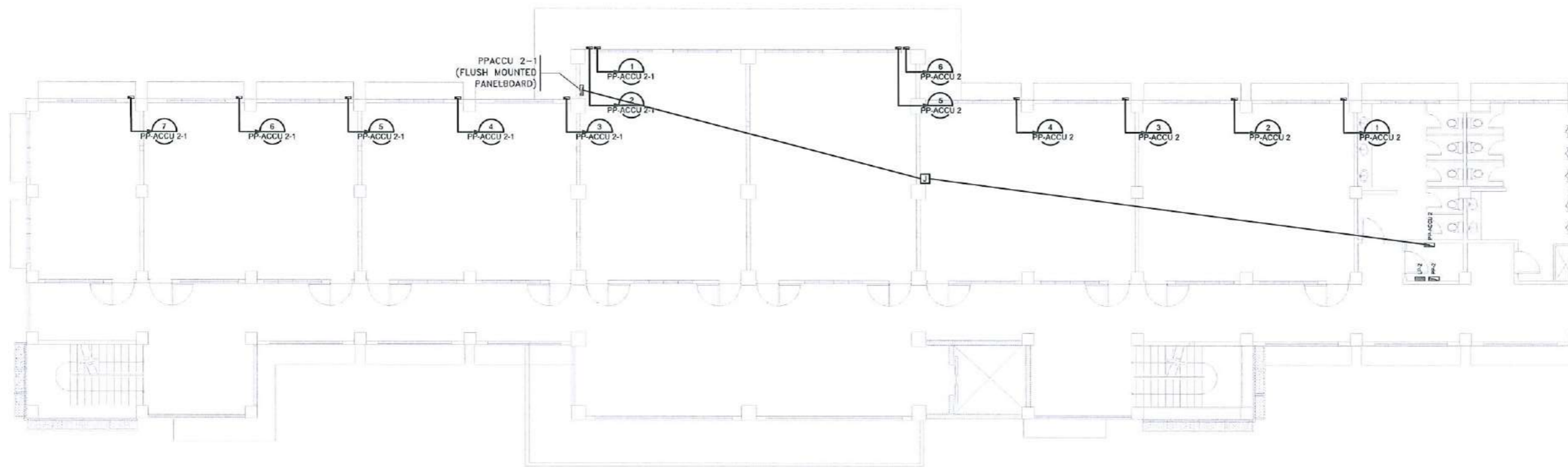


DETAIL OF CONCRETE GUTTER THRU Y-Y
SCALE: 1: 50 METERS









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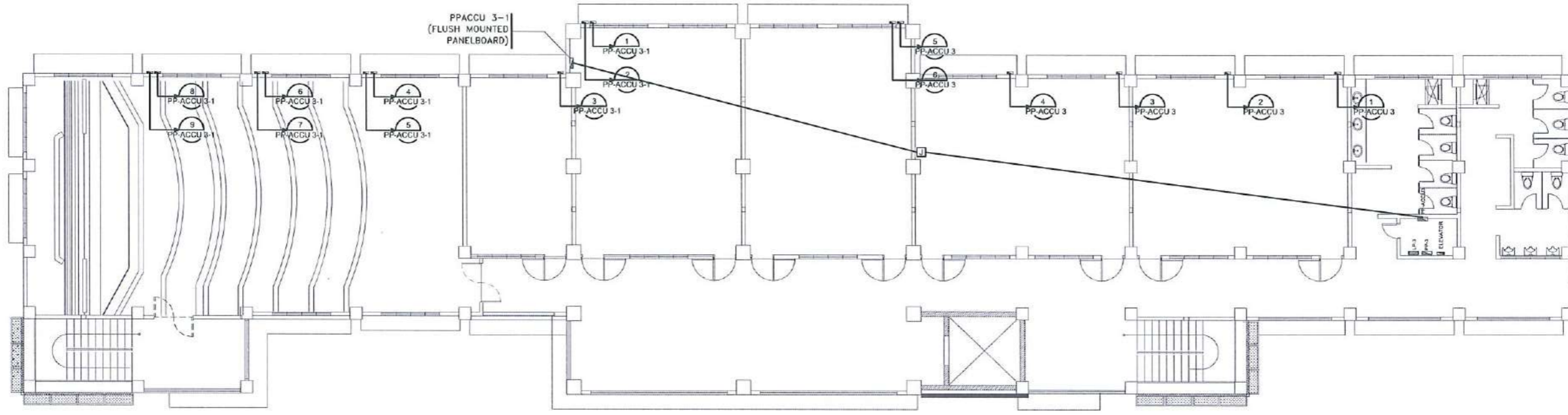
PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FOMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FOMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FOMO	RECOMMENDING APPROVAL: DR. GRACEN. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: E-10
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SECOND FLOOR AIR CONDITIONING SYSTEM LAYOUT

SCALE: 1: 200 METERS

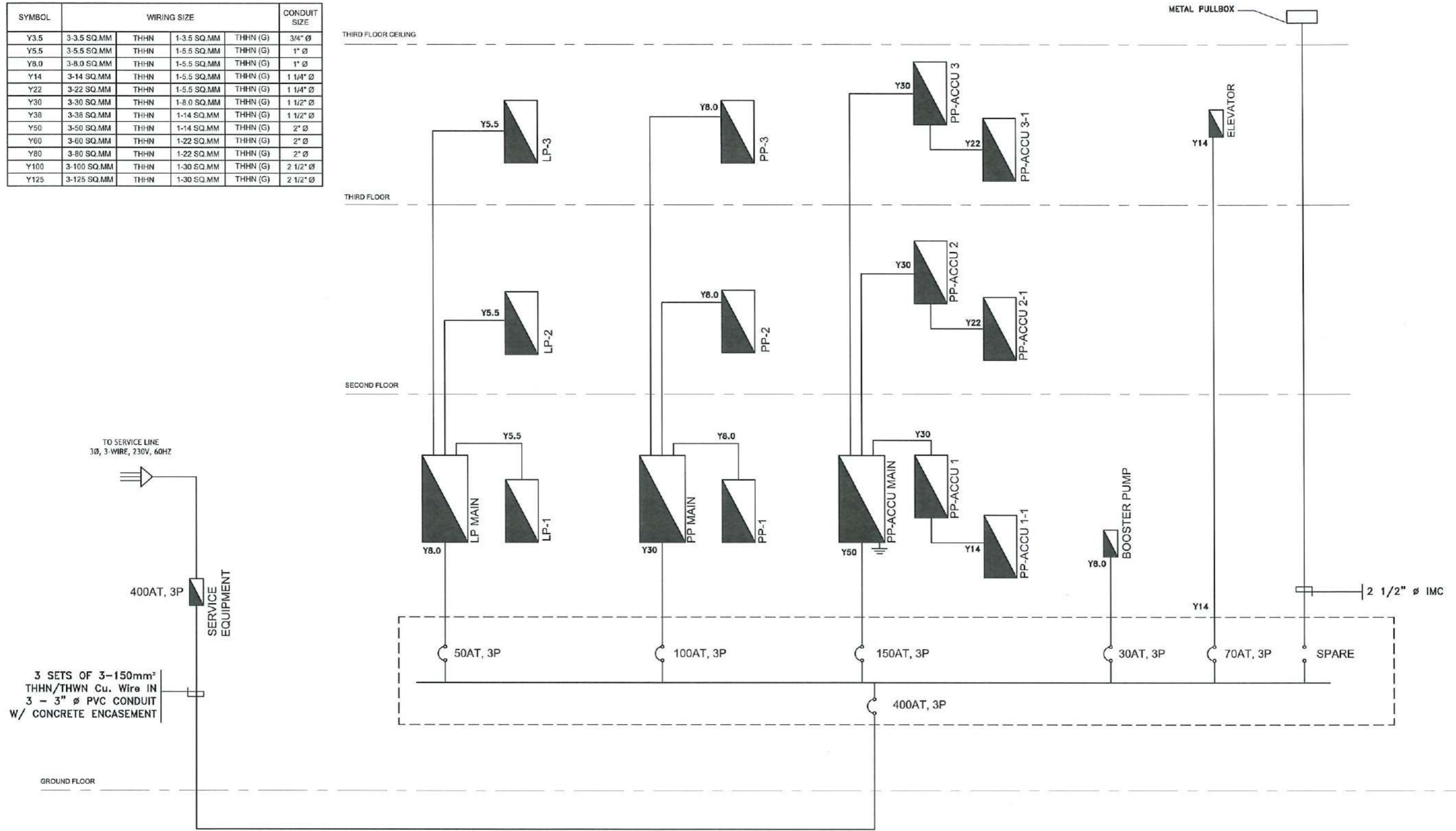
	TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2100</small>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:  DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	PREPARED BY:  ENGR. MISAEL REIGH MIEL V. CABANSAG <small>ELECTRICAL ENGINEER, FDMO</small>	CHECKED BY:  AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	CERTIFIED BY:  AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	RECOMMENDING APPROVAL:  DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	APPROVED:  DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	SHEET CONTENTS: AS SHOWN	SHEET NO: E-12 PAGE NO: 114/163 DATE: SEPTEMBER 2023
		PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								



THIRD FLOOR AIR CONDITIONING SYSTEM LAYOUT
 SCALE: 1: 250 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	 DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	 ENGR. MISAEL REIGH MIEL V. CABANSAG <small>ELECTRICAL ENGINEER, FDMO</small>	AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	 AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	 DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	 DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	AS SHOWN	E-13
	PROJECT LOCATION:							LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DATE: SEPTEMBER 2023

SYMBOL	WIRING SIZE				CONDUIT SIZE
	3-3.5 SQ.MM	THHN	1-3.5 SQ.MM	THHN (G)	
Y3.5	3-3.5 SQ.MM	THHN	1-3.5 SQ.MM	THHN (G)	3/4" Ø
Y5.5	3-5.5 SQ.MM	THHN	1-5.5 SQ.MM	THHN (G)	1" Ø
Y8.0	3-8.0 SQ.MM	THHN	1-5.5 SQ.MM	THHN (G)	1" Ø
Y14	3-14 SQ.MM	THHN	1-5.5 SQ.MM	THHN (G)	1 1/4" Ø
Y22	3-22 SQ.MM	THHN	1-5.5 SQ.MM	THHN (G)	1 1/4" Ø
Y30	3-30 SQ.MM	THHN	1-8.0 SQ.MM	THHN (G)	1 1/2" Ø
Y38	3-38 SQ.MM	THHN	1-14 SQ.MM	THHN (G)	1 1/2" Ø
Y50	3-50 SQ.MM	THHN	1-14 SQ.MM	THHN (G)	2" Ø
Y60	3-60 SQ.MM	THHN	1-22 SQ.MM	THHN (G)	2" Ø
Y80	3-80 SQ.MM	THHN	1-22 SQ.MM	THHN (G)	2" Ø
Y100	3-100 SQ.MM	THHN	1-30 SQ.MM	THHN (G)	2 1/2" Ø
Y125	3-125 SQ.MM	THHN	1-30 SQ.MM	THHN (G)	2 1/2" Ø



SINGLE LINE DIAGRAM
SCALE: NTS



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
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DEAN, CPAG

PREPARED BY:
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ELECTRICAL ENGINEER, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
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CERTIFIED BY:
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RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

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GENERAL NOTES AND SPECIFICATIONS

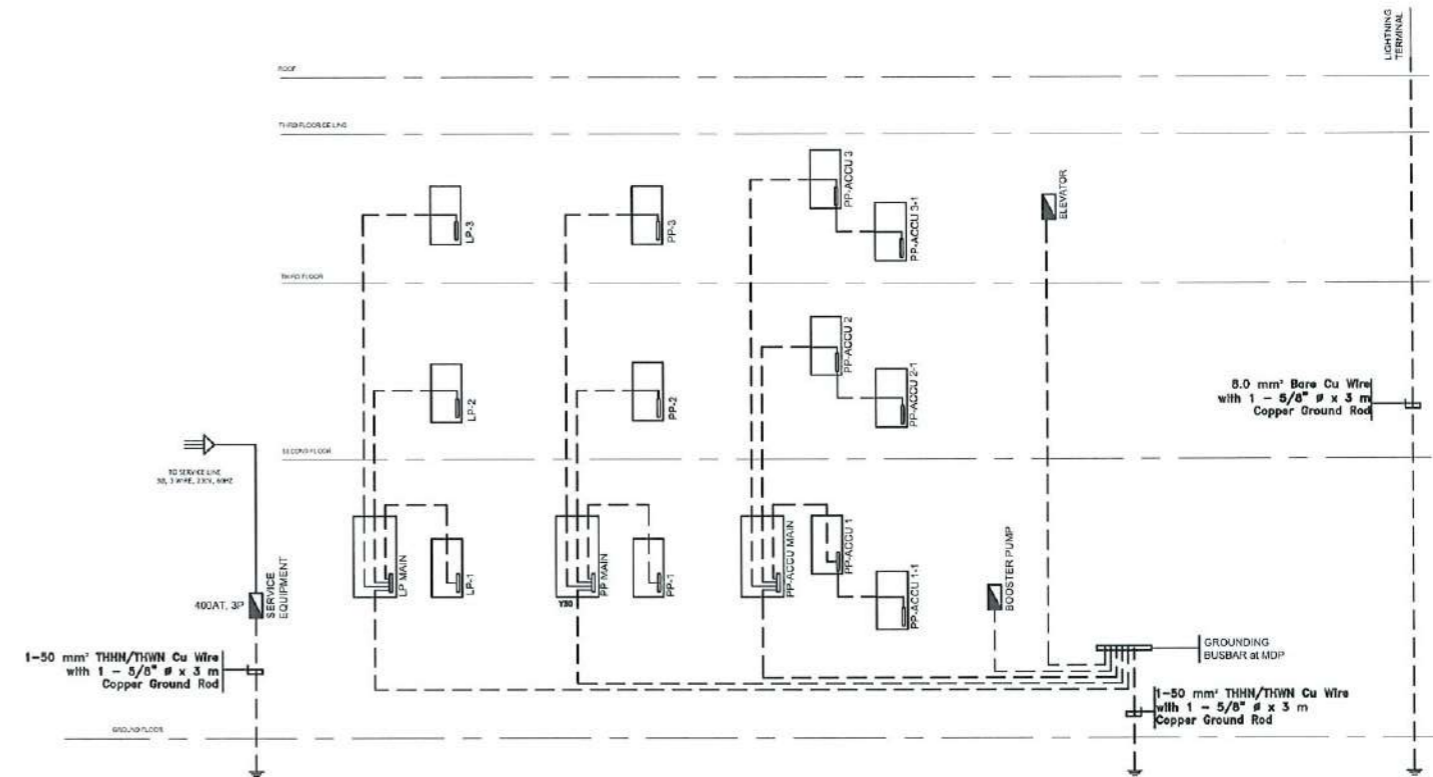
SCALE: NTS

- ALL WORKS HEREIN SHALL COMPLY WITH THE LATEST PROVISIONS OF THE LATEST EDITION OF THE 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 RULES AND REGULATIONS OF THE POWER COMPANY CONCERNED.
- ALL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY QUALIFIED AND COMPETENT LICENSED ELECTRICAL ENGINEER.
- ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE NEW AND APPROVED TYPE FOR THE LOCATION AND PURPOSES.
- THE SERVICE ENTRANCE SHALL BE THREE PHASE, THREE WIRES, 230 V, 60Hz IN PVC CONDUIT.
- WHENEVER REQUIRED AND NECESSARY PVC PULL BOXES AND JUNCTION BOXES SHALL BE INSTALLED AT CONVENIENT SPACE AND LOCATION.
- ALL PANEL BOARDS SHALL BE BREAKER TYPE ENCLOSED IN A METAL CABINET. ALL MAIN BRANCHES AND MOTOR PANEL SHALL BE BOLT-ON.
- ALL CONVENIENCE OUTLETS, 3 PRONG (PARALLEL SLOT, GROUNDING TYPE) AND LIGHTING SWITCHES SHALL BE RATED 15A, 240V, AND 10A, 240V RESPECTIVELY AS MANUFACTURED.
- THE MINIMUM WIRE AND CONDUIT SIZE SHALL BE 3.5mm SQUARE THHN/THWN COPPER AND 20MM Ø RESPECTIVELY. (REFER TO THE LOAD SCHEDULE FOR THE OTHER WIRE AND CONDUIT SIZES).
- FOR EACH SPACE BRANCH CIRCUIT IN PANEL BOARD PROVIDE ONE EMPTY 20mm Ø CONDUIT CONNECTED TO AN OCTAGONAL BOX ABOVE THE CEILING.
- ALL FEEDERS AND BRANCH CIRCUITS SHALL BE INSTALLED AS INDICATED ON PLAN. INDIVIDUAL CIRCUIT HOMERUNS TO PANEL BOARDS SHALL NOT BE COMBINED IN THE SAME RACEWAY UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF THE SERVICE ENTRANCE FOR CONNECTION TO THE POWER SUPPLY AND ALSO THE ACTUAL LOCATION OF THE TELEPHONE SERVICE EQUIPMENT FOR THE CONNECTION TO MAIN TELEPHONE CABINET.
- THE METHOD OF WIRING SHALL BE AS FOLLOWS:
 - A. POWER SERVICE ENTRANCE: PVC THICKWALL CONDUIT SCHEDULE 40 FOR EMBEDDED PIPES
 - B. MAIN FEEDER, FEEDER AND SUB FEEDER (RUN EXPOSED): PVC THICKWALL CONDUIT SCHEDULE 40 FOR EMBEDDED PIPES
 - C. LIGHTING AND CONVENIENCE OUTLET: PVC THICKWALL CONDUIT SCHEDULE 40
 - D. TELEPHONE: PVC THICKWALL CONDUIT SCHEDULE 40
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 - A. LIGHTING SWITCHES: 1.40M ABOVE FINISHED FLOOR LINE
 - B. CONVENIENCE OUTLETS: 0.30M ABOVE FINISHED FLOOR LINE
 - C. TELEPHONE OUTLETS: 0.40M ABOVE FINISHED FLOOR LINE
 - D. PANEL BOARDS AND TELEPHONE CABINETS: 1.40M ABOVE FINISHED FLOOR LINE
- ALL MOUNTING HEIGHTS ARE SUBJECT TO THE ARCHITECT'S APPROVAL PRIOR TO THE INSTALLATION.
- UPON COMPLETION OF ELECTRICAL CONSTRUCTION WORK, THE FOLLOWING TESTS SHALL BE PERFORMED BY THE CONTRACTOR INCLUSIVE OF THE INSTALLATION TO BE REPORTED IN DETAILS ON FORMS APPROVED BY THE OWNER'S REPRESENTATIVE.
 - A. INSTALLATION RESISTANCE TEST
 - B. GROUND RESISTANCE TEST
 - C. OPERATIONAL TEST
 - D. SYSTEM TEST AND ACCEPTANCE
- WORKMANSHIP: THE WORK THROUGHOUT SHALL BE EXECUTED IN THE MOST AND THOROUGH MANNER KNOWN TO TRADE AND SATISFACTION OF THE ARCHITECT AND ENGINEER.

SCHEDULE OF LOADS

SCALE: NTS

CIRCUIT NUMBER	DESCRIPTION	MAIN DISTRIBUTION PANEL						LOCATION				ELECTRICAL ROOM (GROUND FLOOR)			
		SERVICE ENTRANCE						SYSTEM VOLTAGE				No. 3 Wire, 240V			
		AMPERE PER PHASE						CIRCUIT BREAKER				CONDUIT			
		AB	BC	CA	ABC		AT	AF	POLE	CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VDP%
1	LP MAIN	21.88	21.15	19.76			50	50	3	1-8.0mm ²	TWISTED	1-5.5mm ²	1" x 1/2" IMC	8	0.60
2	PP MAIN	81.75	81.39	89.32			100	100	3	3-30mm ²	TWISTED	1-8.0mm ²	1 1/2" x 1/2" IMC	7	0.29
3	PP ACQU MAIN	150.52	150.52	168.00			150	200	3	3-50mm ²	TWISTED	1-14mm ²	2" x 1/2" IMC	3	0.19
4	5.5 HP BOOSTER PUMP				10.04		30	100	3	1-8.0mm ²	TWISTED	1-5.5mm ²	1" x 1/2" IMC	15	0.29
5	PROVISION FOR 10 HP ELEVATOR				28.00		70	100	3	3-14mm ²	TWISTED	1-8.0mm ²	1 1/2" x 1/2" IMC	20	0.99
6	SPARE SLOT FOR FUTURE ORIENTED EV SYSTEM													20	
TOTAL CONNECTED LOADS PER PHASE (A)		259.67	253.06	276.91	38.04		Phase Multiplier				1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		517.057									MAIN CB KVA RATING			30 KVA	
DEMAND FACTOR APPLICATION		09%													
DEMAND LOAD CURRENT (A)		310.59					400	400	3	3 SETS OF 3-150mm ²	TWISTED	1-50mm ²	1-1 1/2" x 1/2" IN CONCRETE ENCASEMENT	111	1.84
TOTAL KVA		123.73					KVA PER PHASE				41.24				
DISTRIBUTION TRANSFORMER RATING		3- SINGLE PHASE For 30 Kva													



PANELBOARD GROUNDING LINE DIAGRAM

SCALE: NTS



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DATE: SEPTEMBER 2023																		
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NOTE:

PROVIDE TAG/LABELS FOR EACH BRANCH CIRCUIT ON THE PANELBOARDS.

SCHEDULE OF LOADS

SCALE: NTS

PANEL BOARD		LP MAIN				LOCATION			ELECTRICAL ROOM (GROUND FLOOR)					
FROM		MAIN DISTRIBUTION PANEL				SYSTEM VOLTAGE			3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	AMPERE PER PHASE				CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VD%
		AB	BC	CA	ADC	AT	AF	POLE						
1	LP-1	7.66	8.81	8.12		30	50	3	3-3.5 mm ²	THHN	1-3.5 mm ²	1"øIMC	3	0.11
2	LP-2	8.31	6.92	6.38		30	50	3	3-3.5 mm ²	THHN	1-3.5 mm ²	1"øIMC	5	0.17
3	LP-3	7.83	5.42	5.19		30	50	3	3-3.5 mm ²	THHN	1-3.5 mm ²	1"øIMC	9	0.29
4	SPARE													
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		23.83	21.152	19.696	0	Phase Multiplier			1.732	Voltage (V)				230
TOTAL LOAD CURRENT (A)		33.11								MAIN CB KVA/RATING				22 KVA
DEMAND FACTOR APPLICATION		80%								BRANCH CB KVA/RATING				18 KVA
DEMAND LOAD CURRENT (A)		27.29				50	50	3	3-8.0 mm ²	TWINS/THHN	1-3.5 mm ²	1"øIMC		
		ENCLOSURE				NEMA 1				MOUNTING				WALL MOUNTED

PANEL BOARD		PP MAIN				LOCATION			ELECTRICAL ROOM (GROUND FLOOR)					
FROM		MAIN DISTRIBUTION PANEL				SYSTEM VOLTAGE			3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	AMPERE PER PHASE				CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	VD%	VD%
		AB	BC	CA	ABC	AT	AF	POLE						
1	PP-1	26.29	18.26	26.35		50	50	3	3-8.0 mm ²	THHN	1-3.5 mm ²	1"øIMC	3	0.18
2	PP-2	33.29	31.83	29.22		50	50	3	3-8.0 mm ²	THHN	1-3.5 mm ²	1"øIMC	5	0.39
3	PP-3	25.04	31.86	33.65		50	50	3	3-8.0 mm ²	THHN	1-3.5 mm ²	1"øIMC	9	0.71
4	SPARE													
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		84.73	81.99	89.22		Phase Multiplier			1.732	Voltage (V)				230
TOTAL LOAD CURRENT (A)		146.73								MAIN CB KVA/RATING				22 KVA
DEMAND FACTOR APPLICATION		60%								BRANCH CB KVA/RATING				18 KVA
DEMAND LOAD CURRENT (A)		88.85				100	100	3	3-8.0 mm ²	TWINS/THHN	1-3.5 mm ²	1"øIMC		
		ENCLOSURE				NEMA 1				MOUNTING				WALL MOUNTED

PANEL BOARD		LP-1				LOCATION			ELECTRICAL ROOM (GROUND FLOOR)					
FROM		LP MAIN				SYSTEM VOLTAGE			3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	VOLT-AMPERE	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	
				AB	BC	CA	AT	AF	POLE					
1	LIGHTING OUTLET	22	249			1.64	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
2	LIGHTING OUTLET	22	284			1.23	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
3	LIGHTING OUTLET	41	568	2.47			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
4	LIGHTING OUTLET	15	234	1.02			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
5	LIGHTING OUTLET	19	254		1.36		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
6	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
7	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
8	LIGHTING OUTLET	20	720			3.3	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
9	LIGHTING OUTLET	13	459	2.00			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
10	LIGHTING OUTLET	18	678		2.65		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
11	SPARE	1	500	2.17			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
12	SPARE	1	500		2.17		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)				7.66	8.81	8.12	Phase Multiplier			1.732	Voltage (V)			230
TOTAL LOAD CURRENT (A)				15.26							MAIN CB KVA/RATING			18 KVA
DEMAND FACTOR APPLICATION				80%							BRANCH CB KVA/RATING			19 KVA
DEMAND LOAD CURRENT (A)				12.21			30	50	3	3-3.5 mm ²	THHN	1-3.5 mm ²	1"øIMC	
		ENCLOSURE				NEMA 1				MOUNTING				WALL MOUNTED

PANEL BOARD		PP-1				LOCATION			ELECTRICAL ROOM (GROUND FLOOR)					
FROM		PP MAIN				SYSTEM VOLTAGE			3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	VOLT-AMPERE	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	
				AB	BC	CA	AT	AF	POLE					
1	CONVENIENCE OUTLET	5	500			3.91	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
2	CONVENIENCE OUTLET	12	2160			9.39	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
3	CONVENIENCE OUTLET	12	2160	9.39			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
4	CONVENIENCE OUTLET	7	1260	5.48			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
5	CONVENIENCE OUTLET	7	1260		5.48		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
6	CONVENIENCE OUTLET	8	1140		6.76		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
7	FIRE ALARM CONTROL PANEL	1	1500			6.52	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
8	1/2 HP PUMP	1	1127	4.90			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
9	SPARE		1500			6.52	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
10	SPARE		1500	6.52			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
11	SPARE		1500			6.52	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
12	SPARE		1500			6.52	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)				26.29	18.26	26.35	Phase Multiplier			1.732	Voltage (V)			230
TOTAL LOAD CURRENT (A)				15.63							MAIN CB KVA/RATING			18 KVA
DEMAND FACTOR APPLICATION				70%							BRANCH CB KVA/RATING			19 KVA
DEMAND LOAD CURRENT (A)				11.94			30	50	3	3-8.0 mm ²	THHN	1-3.5 mm ²	1"øIMC	
		ENCLOSURE				NEMA 1				MOUNTING				WALL MOUNTED

PANEL BOARD		LP-2				LOCATION			ELECTRICAL ROOM (SECOND FLOOR)					
FROM		LP MAIN				SYSTEM VOLTAGE			3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	VOLT-AMPERE	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	
				AB	BC	CA	AT	AF	POLE					
1	LIGHTING OUTLET	19	210		0.91		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
2	LIGHTING OUTLET	13	193		0.84		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
3	LIGHTING OUTLET	8	144		0.63		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
4	LIGHTING OUTLET	8	136		0.59		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
5	LIGHTING OUTLET	19	594	2.58			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
6	LIGHTING OUTLET	19	594	2.58			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
7	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
8	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
9	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
10	LIGHTING OUTLET	19	594		2.58		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
11	LIGHTING OUTLET	9	231	1.09			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
12	SPARE	1	500	2.17			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC	
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)				8.34	6.92	6.38	Phase Multiplier			1.732	Voltage (V)			230
TOTAL LOAD CURRENT (A)				14.45							MAIN CB KVA/RATING			18 KVA
DEMAND FACTOR APPLICATION				80%							BRANCH CB KVA/RATING			19 KVA
DEMAND LOAD CURRENT (A)				11.56			30	50	3	3-3.5 mm ²	THHN	1-3.5 mm ²	1"øIMC	
		ENCLOSURE				NEMA 1				MOUNTING				WALL MOUNTED

PANEL BOARD		PP-2				LOCATION			ELECTRICAL ROOM (SECOND FLOOR)				
FROM		PP MAIN				SYSTEM VOLTAGE			3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	VOLT-AMPERE	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT
				AB	BC	CA	AT	AF	POLE				
1	CONVENIENCE OUTLET	12	2160			9.39	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
2	CONVENIENCE OUTLET	13	2340			10.17	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
3	CONVENIENCE OUTLET	13	2340	10.17			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
4	CONVENIENCE OUTLET	13	2340	10.17			20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
5	CONVENIENCE OUTLET	12	2160		9.39		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
6	CONVENIENCE OUTLET	12	2160		9.39		20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
7	CONVENIENCE OUTLET	4	720			3.13	20	50	2	2-3.5 mm ²	THHN	1-3.5 mm ²	3/4"ø PVC
8	SPARE												

NOTE:

PROVIDE TAG/LABELS FOR EACH BRANCH CIRCUIT ON THE PANELBOARDS.

SCHEDULE OF LOADS

SCALE: NTS

PANEL BOARD		PP-ACCU MAIN				LOCATION				ELECTRICAL ROOM (GROUND FLOOR)				
FROM		MAIN DISTRIBUTION PANEL				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	FP-ACCU 1	1	50.82	50.82	50.82	150	150	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC	1	0.65
2	FP-ACCU 2	1	40.50	40.50	40.50	120	120	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC	5	0.15
3	FP-ACCU 3	1	40.50	40.50	40.50	120	120	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC	9	0.25
4	SPARE													
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		787.94	169.72	169.72	169.72	0.00			Phase Multiplier	1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		196.109							LARGEST MOTOR	12	MAIN CB KA/C RATING		18 KA/C	BRANCH CB KA/C RATING
DEMAND FACTOR APPLICATION		70%							ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196			100	3
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		137.49							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED	

PANEL BOARD		PP-ACCU 2-1				LOCATION				LECTURE ROOM					
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V					
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT	
			AB	BC	CA	ABC	AT	AF							POLE
1	2.0 HP ACCU 17	1	2760			12			3ø	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC
2	2.0 HP ACCU 18	1	2760			12			3ø	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC
3	2.0 HP ACCU 19	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC			
4	2.0 HP ACCU 20	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC			
5	2.0 HP ACCU 21	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC			
6	2.0 HP ACCU 22	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC			
7	2.0 HP ACCU 23	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC			
8	SPACE														
COMPUTATION															
TOTAL CONNECTED LOADS PER PHASE (A)		1920	24	24	36				Phase Multiplier	1.732	Voltage		230		
TOTAL LOAD CURRENT (A)		62.35	LARGEST MOTOR	12	MAIN CB KA/C RATING				18 KA/C	BRANCH CB KA/C RATING		10 KA/C			
DEMAND FACTOR APPLICATION		80%	ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196					100	3	3 - 22mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC	
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		51.01							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED		

PANEL BOARD		PP-ACCU 1				LOCATION				ELECTRICAL ROOM (GROUND FLOOR)				
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	2.0 HP ACCU 1	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
2	2.0 HP ACCU 2	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
3	2.0 HP ACCU 3	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
4	2.0 HP ACCU 4	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
5	SPARE	1	1500	6.52		30	50	2						
6	SPARE	1	1500	6.52		30	50	2						
7	PP-ACCU 1-4	1	16560	24.00	24.00	24.00			3 - 14mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC		
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		36960	42.52	42.52	48.60	0.00			Phase Multiplier	1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		83.14	LARGEST MOTOR	12	MAIN CB KA/C RATING				18 KA/C	BRANCH CB KA/C RATING		10 KA/C		
DEMAND FACTOR APPLICATION		80%	ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196					100	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		76.67							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED	

PANEL BOARD		PP-ACCU 3				LOCATION				ELECTRICAL ROOM (THIRD FLOOR)				
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	2.0 HP ACCU 24	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
2	2.0 HP ACCU 25	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
3	2.0 HP ACCU 26	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
4	2.0 HP ACCU 27	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
5	2.0 HP ACCU 28	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
6	2.0 HP ACCU 29	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
7	PP-ACCU 3-4	1	21840	36.00	36.00	36.00			3 - 22mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC		
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		44160	60.00	60.00	60.00	0.00			Phase Multiplier	1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		103.92	LARGEST MOTOR	12	MAIN CB KA/C RATING				18 KA/C	BRANCH CB KA/C RATING		10 KA/C		
DEMAND FACTOR APPLICATION		80%	ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196					100	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		87.29							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED	

PANEL BOARD		PP-ACCU 1-4				LOCATION				OFFICE				
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	2.0 HP ACCU 5	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
2	2.0 HP ACCU 6	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
3	2.0 HP ACCU 7	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
4	2.0 HP ACCU 8	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
5	2.0 HP ACCU 9	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
6	2.0 HP ACCU 10	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		16560	24.00	24.00	24.00	0			Phase Multiplier	1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		41.57	LARGEST MOTOR	12	MAIN CB KA/C RATING				18 KA/C	BRANCH CB KA/C RATING		10 KA/C		
DEMAND FACTOR APPLICATION		80%	ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196					100	3	3 - 30mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		37.41							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED	

PANEL BOARD		PP-ACCU 1-4				LOCATION				LECTURE ROOM				
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	2.0 HP ACCU 30	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
2	2.0 HP ACCU 31	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
3	2.0 HP ACCU 32	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
4	2.0 HP ACCU 33	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
5	2.0 HP ACCU 34	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
6	2.0 HP ACCU 35	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
7	2.0 HP ACCU 36	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
8	2.0 HP ACCU 37	1	2760	12		30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
9	2.0 HP ACCU 38	1	2760		12	30	50	2	2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
10	SPACE													
COMPUTATION														
TOTAL CONNECTED LOADS PER PHASE (A)		24810	36.00	36.00	36.00	0			Phase Multiplier	1.732	Voltage		230	
TOTAL LOAD CURRENT (A)		62.35	LARGEST MOTOR	12	MAIN CB KA/C RATING				18 KA/C	BRANCH CB KA/C RATING		10 KA/C		
DEMAND FACTOR APPLICATION		80%	ADDITIONAL 25% OF THE LARGEST MOTOR FOR WIRE SIZE	5.196					100	3	3 - 22mm ²	THHN	1 - 8.0mm ³	1.12" q/IMC
DEMAND LOAD CURRENT - 25% OF THE LARGEST MOTOR (A)		51.01							ENCL. TYPE	ENCLOSURE	NEMA 1	MOUNTING	WALL MOUNTED	

PANEL BOARD		PP-ACCU 2				LOCATION				ELECTRICAL ROOM (GROUND FLOOR)				
FROM		PP-ACCU MAIN				SYSTEM VOLTAGE				3ø, 3 Wire, 230V				
CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLET	AMPERE PER PHASE			CIRCUIT BREAKER			CONDUCTOR	TYPE OF WIRE	GROUND	CONDUIT	LENGTH (m)	VOLT
			AB	BC	CA	ABC	AT	AF						
1	2.0 HP ACCU 11	1	2760			12			2 - 5.5mm ²	THHN	1 - 3.5mm ³	1" q/PVC		
2														

SHORT CIRCUIT CALCULATION

SCALE: NTS

BASE KVA: 100 KVA
BASE VOLTAGE: 230V

IMPEDANCE OF UTILITY @ (ASSUME 1,000,000 KVA)

$$Z_u = (100/1,000,000) = 0.0001 \text{ pu}$$

SERVICE ENTRANCE (COPPER CONDUCTOR)

FOR CABLE 1
3 X 3 - 150 mm² THHN/TWHN Copper Wire
LENGTH: 111 meters

$$Z = \text{SQRT}(0.044^2 + 0.041^2) = 0.06 \text{ ohms per } 305 \text{ m}$$

$$Z = (0.06 \times 111) / (3 \times 305) = 0.0073 \text{ ohms}$$

$$Z_w = (0.0073 \times 100) / (0.23^2 \times 1000) = 0.0138 \text{ pu}$$

TRANSFORMER IMPEDANCE %Z= 4%

$$Z_{\text{TRANSFORMER}} = (4/100) \times (100/150) = 0.0267 \text{ pu}$$

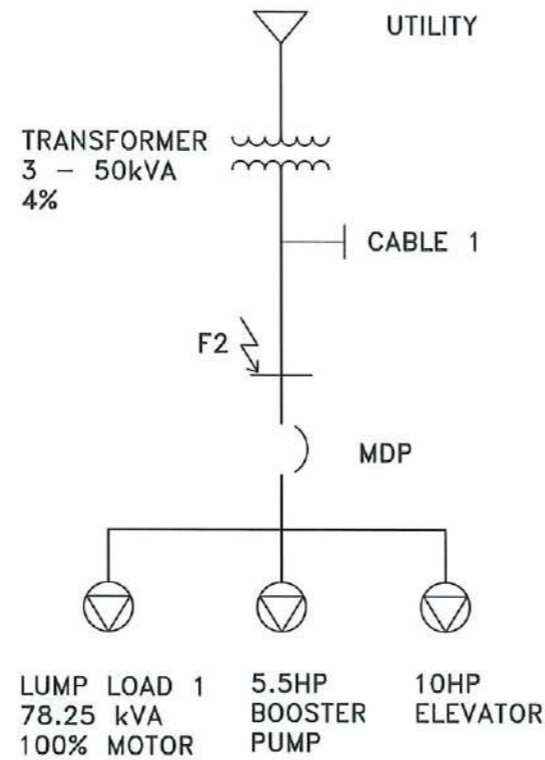
MOTOR CONTRIBUTION (pu)

$$Z_{\text{LUMPLOAD}} = (0.278 \times 100 / 78.25) = 0.3553 \text{ pu}$$

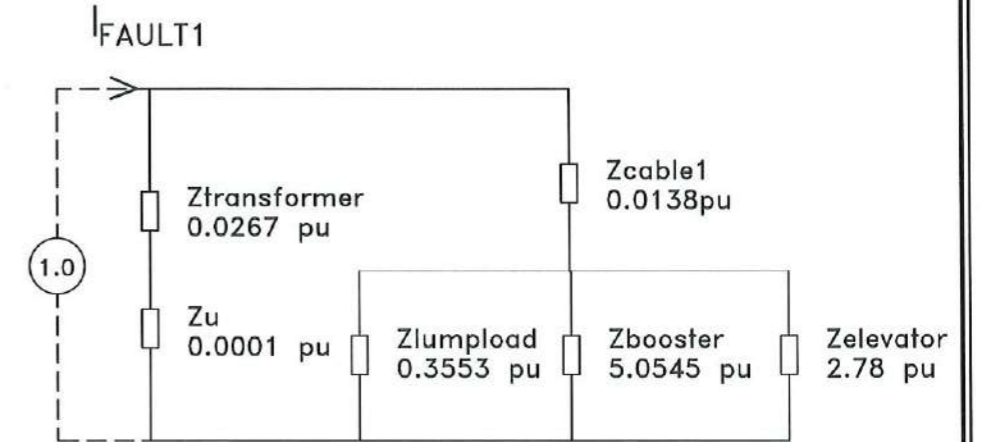
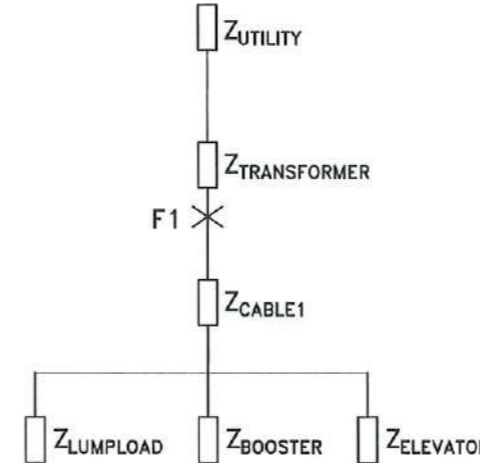
$$Z_{\text{BOOSTER}} = (0.278 \times 100 / 5.5) = 5.0545 \text{ pu}$$

$$Z_{\text{ELEVATOR}} = (0.278 \times 100 / 10) = 2.78 \text{ pu}$$

SINGLE LINE DIAGRAM



IMPEDANCE DIAGRAM @ FAULT 1



@ FAULT 1

$$Z_{f1} = 0.0247 \text{ PU}$$

$$I_{sc} = (1 / Z_{f1}) \times [kV_{\text{base}} / (1.732 \times 230)]$$

$$I_{sc} = (1 / 0.0395) \times [100 \times 10^3 / (1.732 \times 230)]$$

$$I_{sc} = 10.1753 \text{ kAIC}$$

SAY ~ 11 KAIC

VOLTAGE DROP CALCULATION

SCALE: NTS

VOLTAGE DROP CALCULATION FOR NORMAL LOADS						
WIRE SIZE	DESCRIPTION	CURRENT	LENGTH	EFFECTIVE IMPEDANCE AT 85% p.f.	VOLTAGE DROP	VOLTAGE DROP %
3 sets of 150 mm ²	MAIN FEEDER LINE	310.59	111	0.059	3.850	1.67%
	MAIN DISTRIBUTION PANEL THEORETICAL CALCULATED VOLTAGE	230	-	3.850	226.15	
50 mm ²	PP ACCU MAIN	203.68	3	0.13	0.451	0.20%
	PP ACCU MAIN THEORETICAL CALCULATED VOLTAGE	226.15	-	0.451	225.70	
30 mm ²	PP ACCU 3	87.29	9	0.19	0.848	0.37%
	PP ACCU 3 THEORETICAL CALCULATED VOLTAGE	225.70	-	0.85	224.85	
22 mm ²	PP ACCU 3-1	54.04	42	0.29	3.738	1.63%
	PP ACCU 3-1 THEORETICAL CALCULATED VOLTAGE	224.85	-	3.738	221.11	
5.5 mm ²	PP ACCU 3-1 CIRCUIT #9	8.10	13	1.1	0.760	0.33%
	FARTHEST MOTOR LOAD THEORETICAL CALCULATED VOLTAGE	221.11	-	0.76	220.35	
TOTAL VOLTAGE DROP %						4.194%



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PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:

DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:

ENGR. MISAEL REIGH MIEL V. CABANSAG
ELECTRICAL ENGINEER, FOMD

CHECKED BY:

AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FOMD

CERTIFIED BY:

AR. CHERRY L. FABIANES
DIRECTOR, FOMD

RECOMMENDING APPROVAL:

DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:

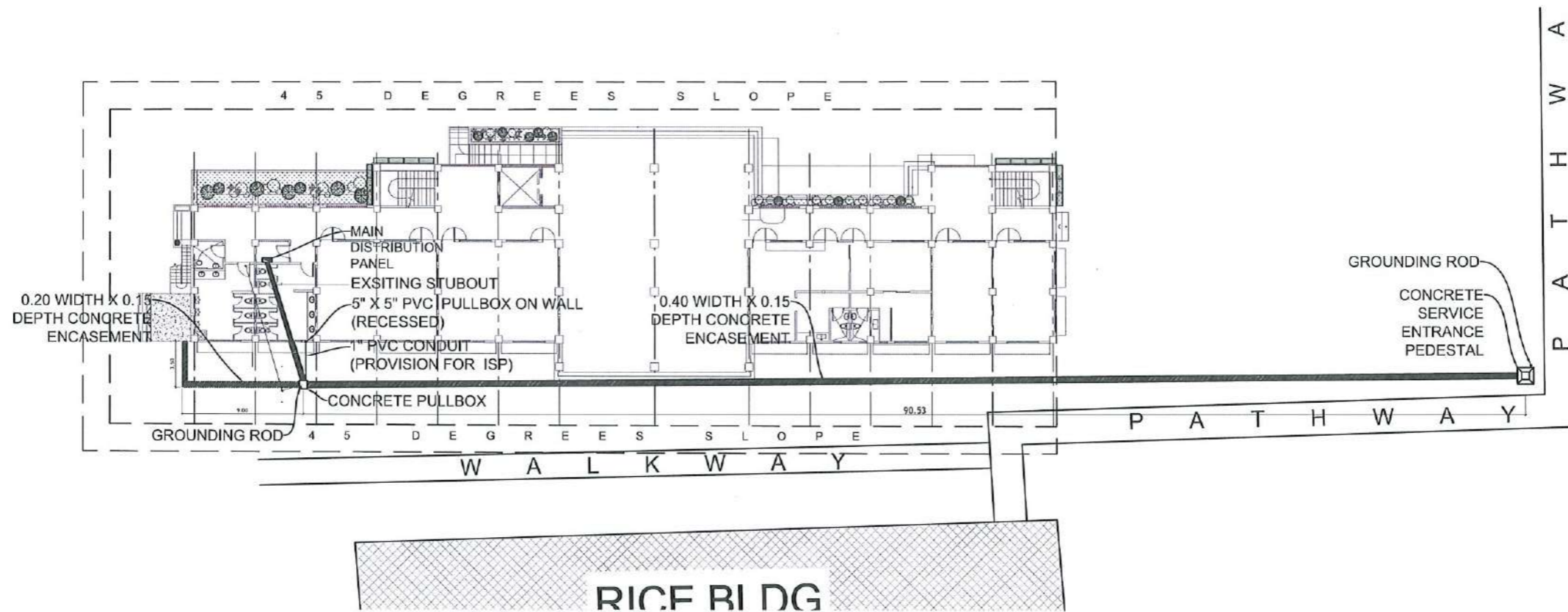
DR. ARNOLD E. VELASCO
PRESIDENT

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NOTE:
 VERIFY EXISTING STUB-OUT PIPE ON SITE.

PERIMETER FENCE

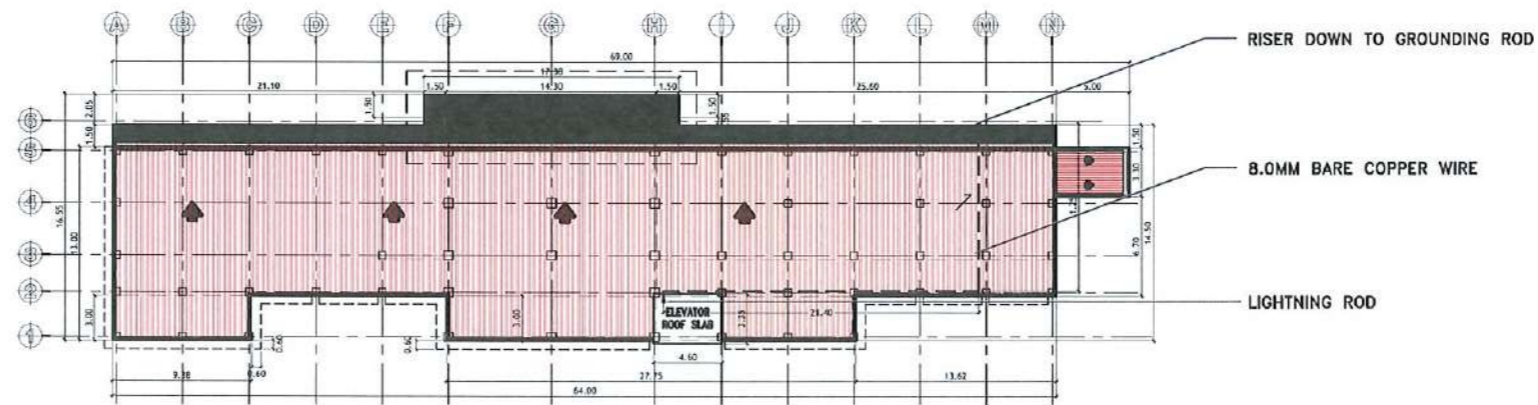


MAIN FEEDER LINE LAYOUT

SCALE: 1: 400 METERS

NOTE:

PROVIDE SEPARATE GROUNDING ROD FOR LIGHTNING TERMINAL



LIGHTING ROD AND GROUNDING LAYOUT

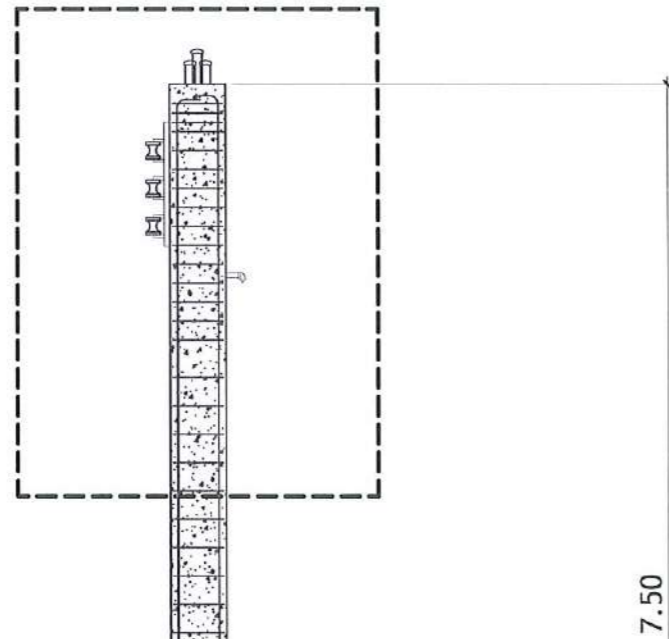
SCALE: 1: 500 METERS



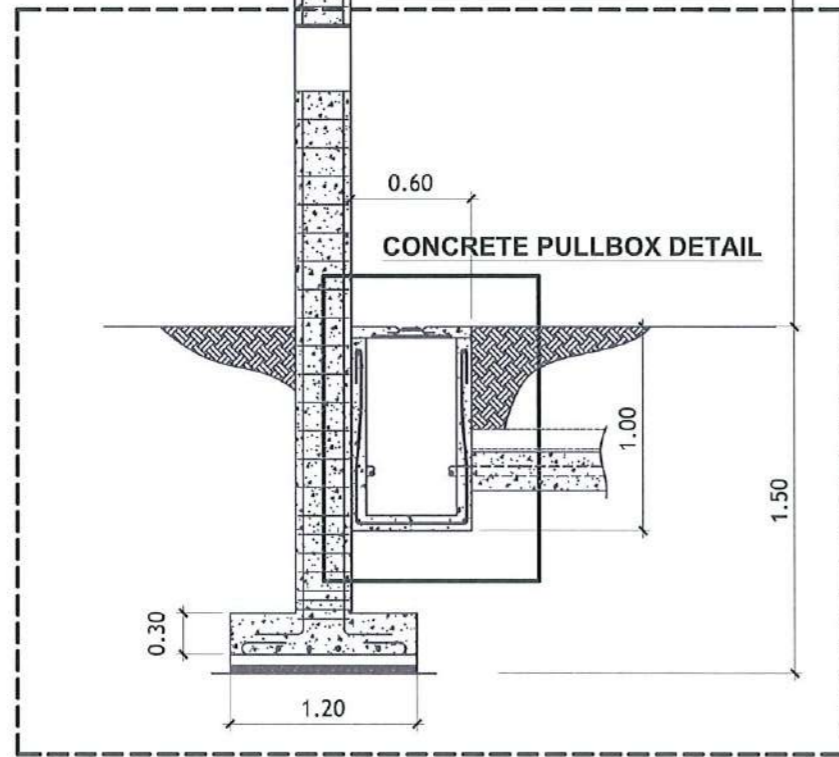
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 Romulo Boulevard, Tarlac City, PH 3100

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY: DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CERTIFIED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL: DR. GRACIE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: E- 19
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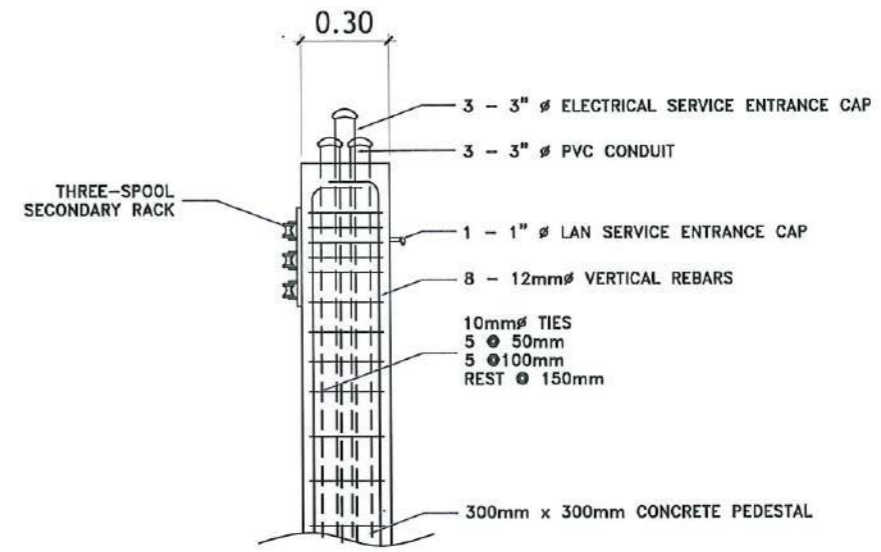
UPPER PEDESTAL DETAIL



LOWER PEDESTAL DETAIL

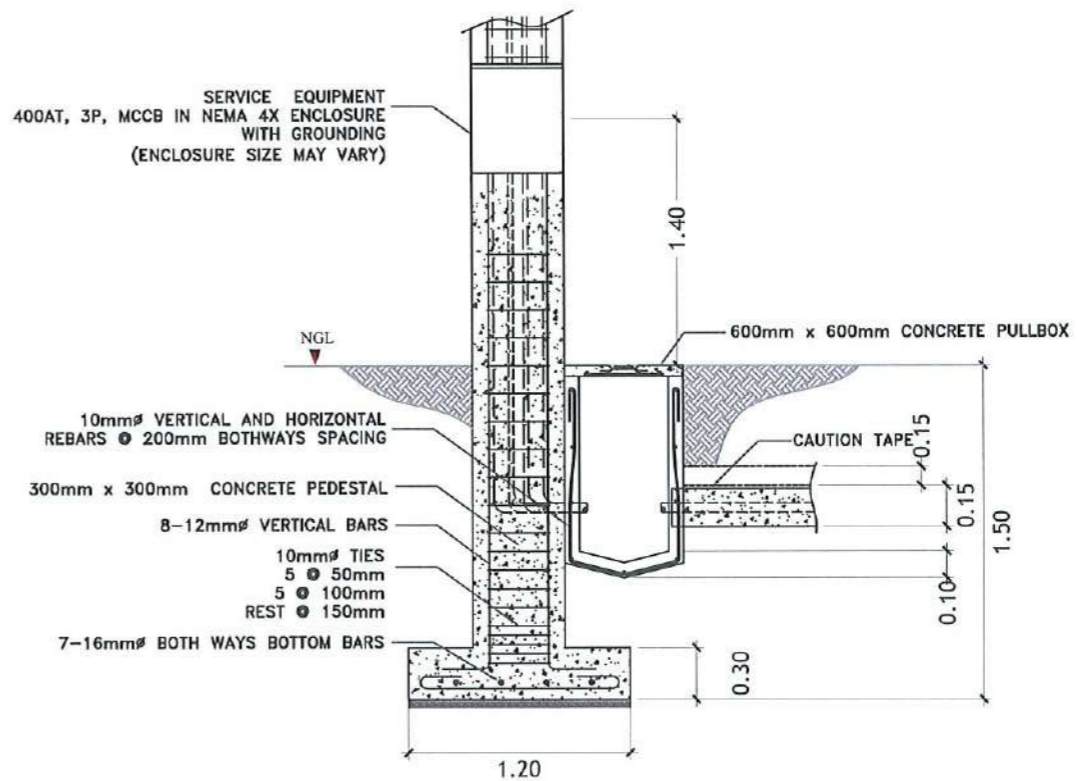


SERVICE ENTRANCE PEDESTAL DETAIL
SCALE: NTS



UPPER PEDESTAL DETAIL
SCALE: NTS

SERVICE EQUIPMENT
400AT, 3P, MCCB IN NEMA 4X ENCLOSURE
WITH GROUNDING
(ENCLOSURE SIZE MAY VARY)



LOWER PEDESTAL DETAIL
SCALE: NTS



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REQUESTING OFFICE:

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DEAN, CPAG

PREPARED BY:

ENGR. MISAEL REIGH MIEL V. CABANSAG
ELECTRICAL ENGINEER, FDMO

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CERTIFIED BY:

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DIRECTOR, FDMO

RECOMMENDING APPROVAL:

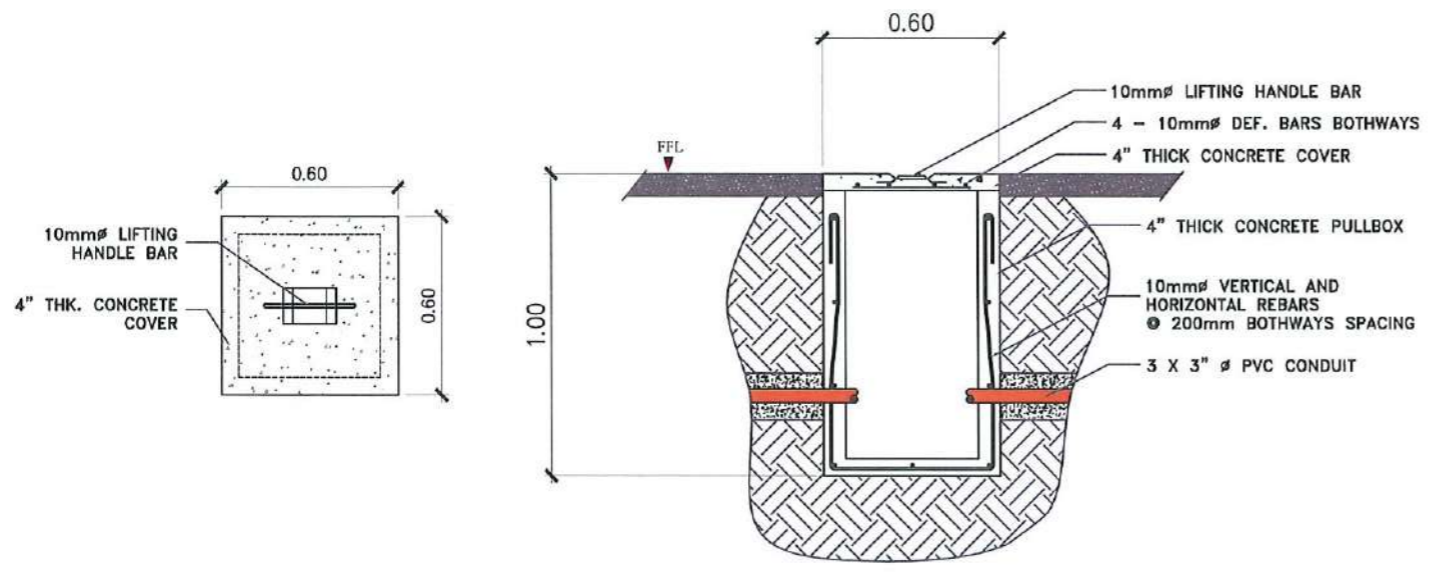
DR. GRACIE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:

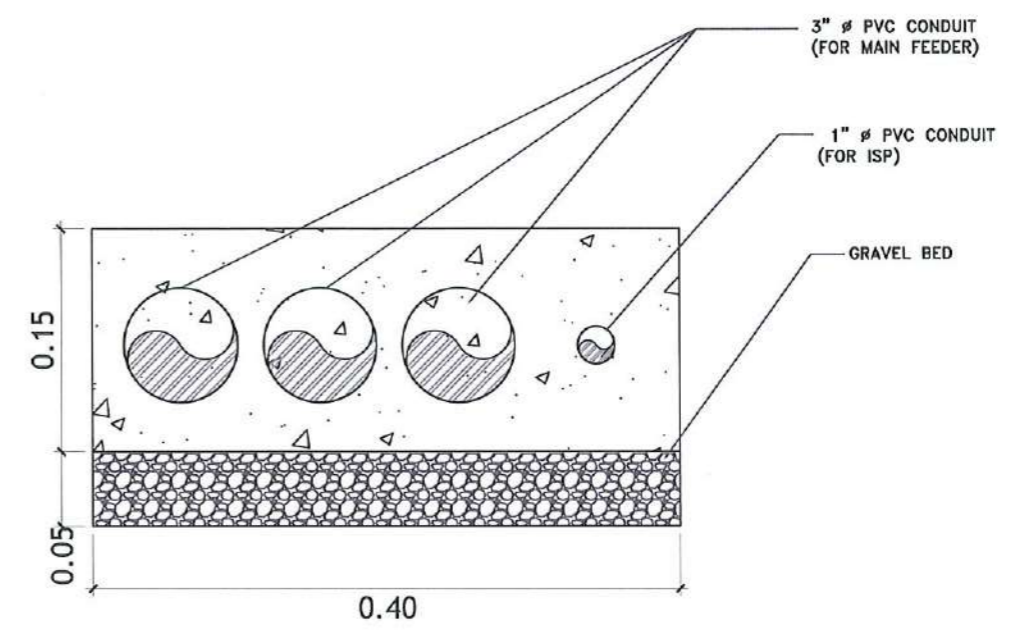
DR. ARNOLD E. VELASCO
PRESIDENT

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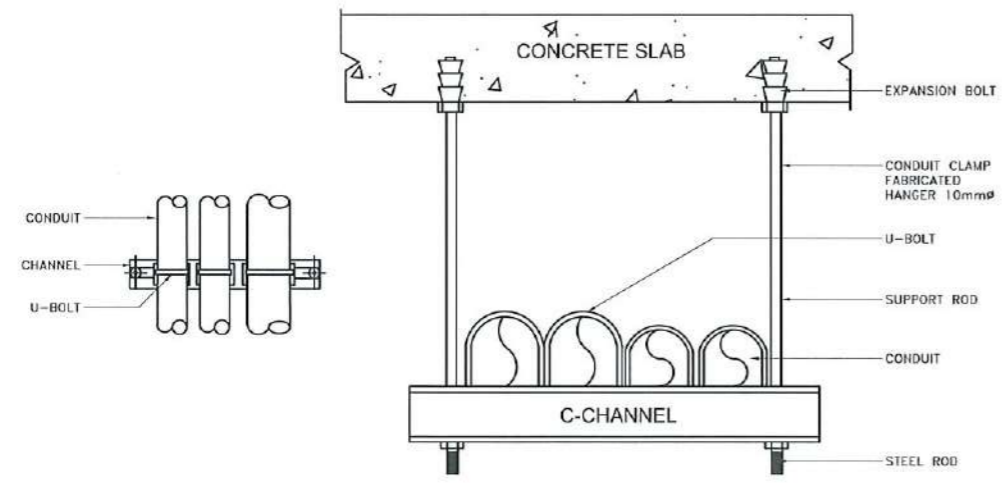
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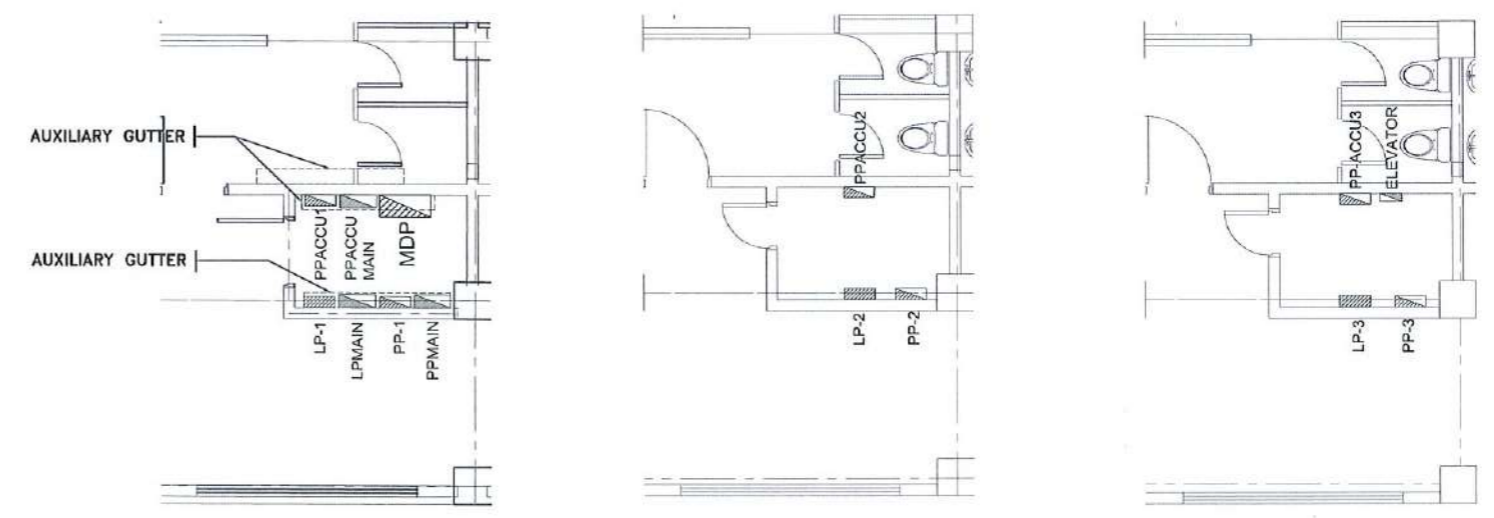
CONCRETE PULLBOX DETAIL
SCALE: 1:25 METERS



CONCRETE ENCASEMENT DETAIL
SCALE: 1:5 METERS

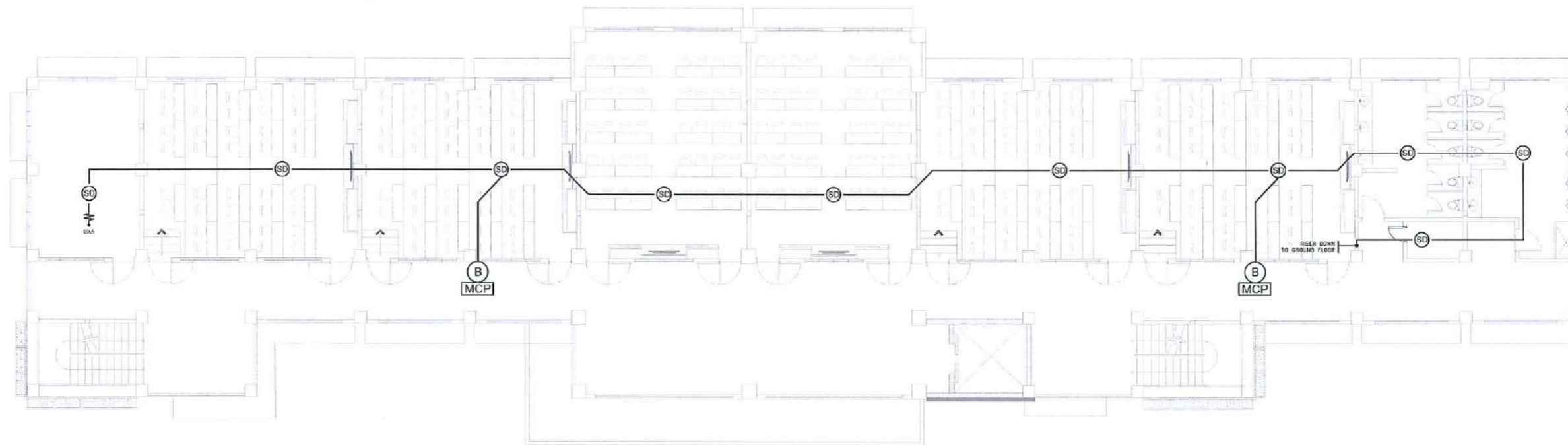


CONDUIT HANGER DETAIL
SCALE: NTS



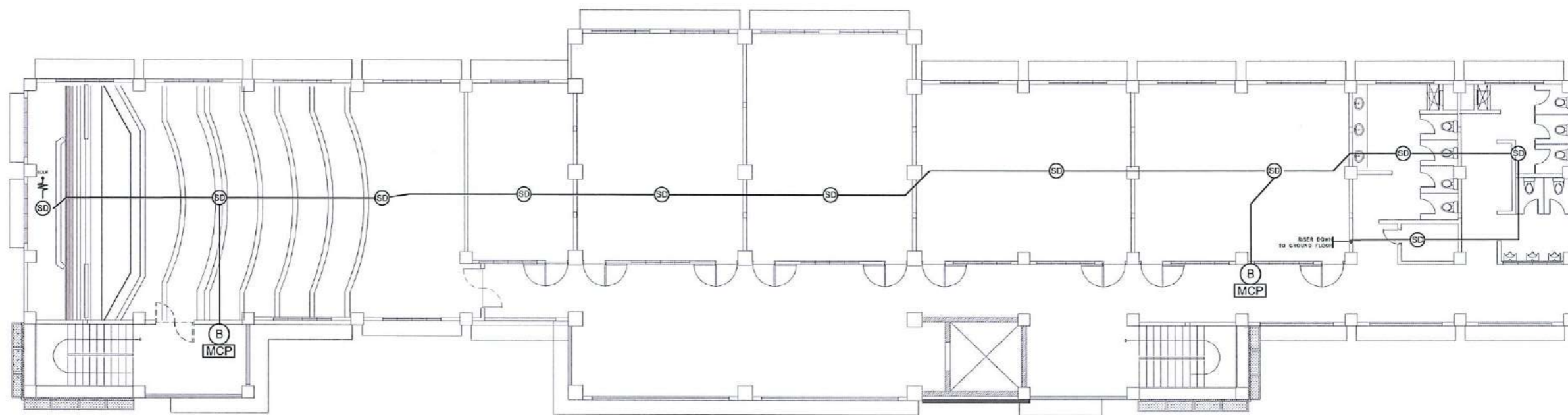
EE ROOMS
SCALE: 1:100 METERS

PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY:	ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CHECKED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY:	AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL:	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO:	E- 21
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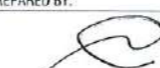






SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT
 SCALE: 1: 200 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
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	PROJECT LOCATION:							LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DATE: SEPTEMBER 2023

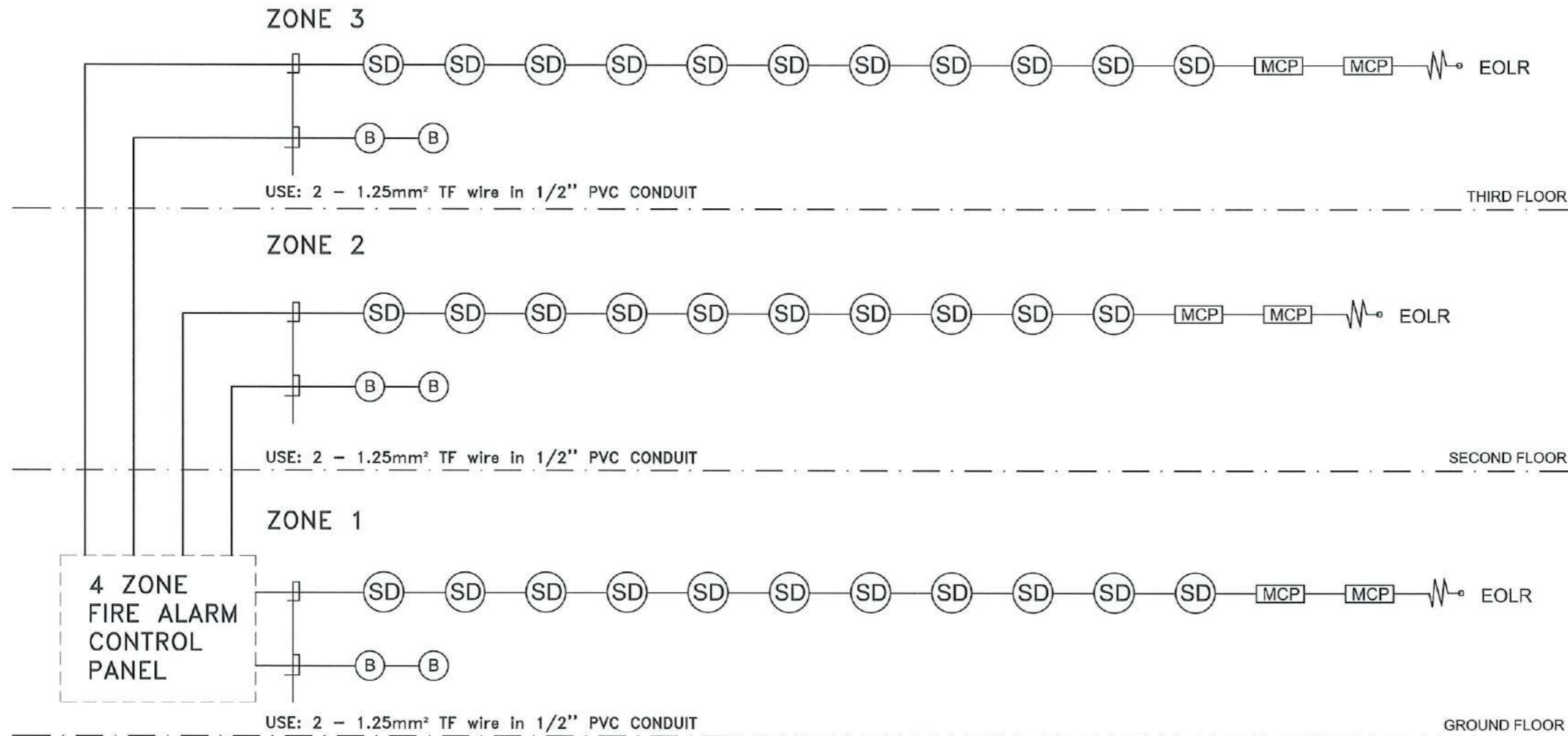


THIRD FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT
 SCALE: 1: 200 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2309</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
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	PROJECT LOCATION:							LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DATE: SEPTEMBER 2023

LEGEND

- FACP FIRE ALARM CONTROL PANEL
- MCP CONVENTIONAL RESETTABLE MANUAL CALL POINT
- SD SMOKE DETECTOR
- B FIRE ALARM BELL
- END OF LINE RESISTOR



FIRE DETECTION AND ALARM SYSTEM RISER DIAGRAM

SCALE: NTS

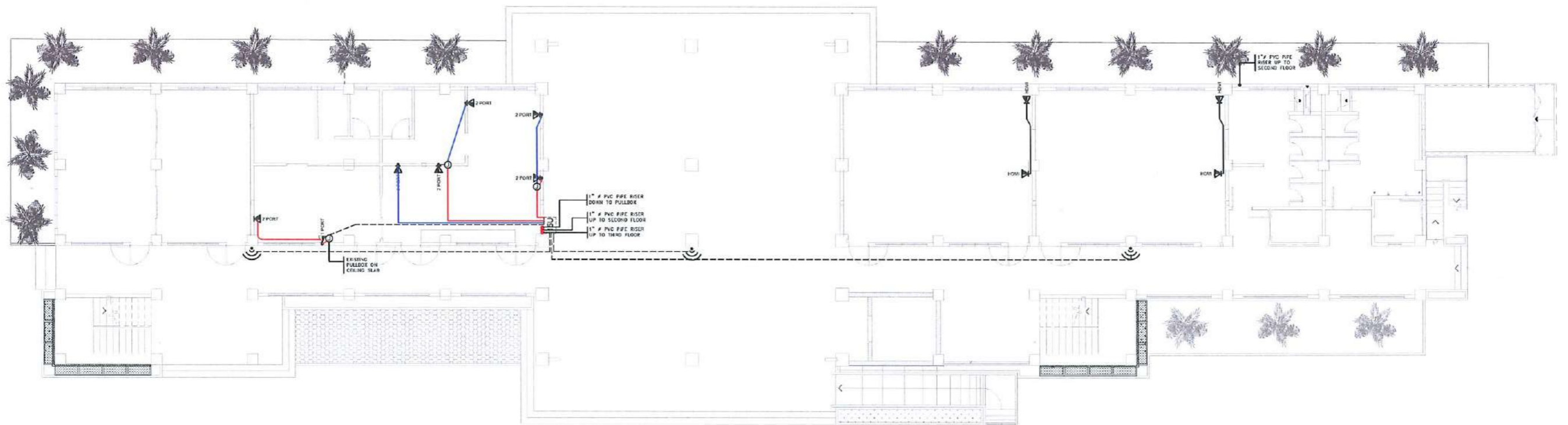
	TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Homulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CAOLENG <small>DEAN, CPAG</small>	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG <small>ELECTRICAL ENGINEER, FDMO</small>	CHECKED BY: AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	CERTIFIED BY: AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	RECOMMENDING APPROVAL: DR. GRACE M. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	APPROVED: DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	SHEET CONTENTS: AS SHOWN	SHEET NO: E- 25
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY									
										DATE: SEPTEMBER 2023

NOTES FOR STRUCTURE CABLING SYSTEM:

1. VERIFY THE EXISTING CONDUIT ON SITE.
2. CONCEAL ALL PIPES WITH ROUGH-IN INSIDE THE WALL, FLOOR AND CEILING.
3. PROVIDE UTILITY BOX WITH BLANK PLATE ON EACH WALL MOUNTED DATA OUTLETS, HDMI PORT, AND ACCESS POINTS LOCATED ON DRAWING PLAN.
4. CAT6 UTP CABLE WITH LABEL SHALL BE PROVIDED FOR FUTURE INSTALLATION AND TERMINATION OF SWITCHES, WALL MOUNTED DATA OUTLET. AND ACCESS POINTS.

LEGEND

	ACCESS POINT		EXISTING RACEWAY
	1-PORT HDMI FEMALE OUTLET		1/2" Ø PVC PIPE
	1-PORT CAT6 WALL MOUNTED DATA OUTLET		3/4" Ø PVC PIPE
	2-PORT CAT6 WALL MOUNTED DATA OUTLET		1" Ø PVC PIPE
	2-PORT CAT6 FLOOR MOUNTED DATA OUTLET		




GROUND FLOOR STRUCTURED CABLING SYSTEM LAYOUT


SCALE: 1: 200 METERS





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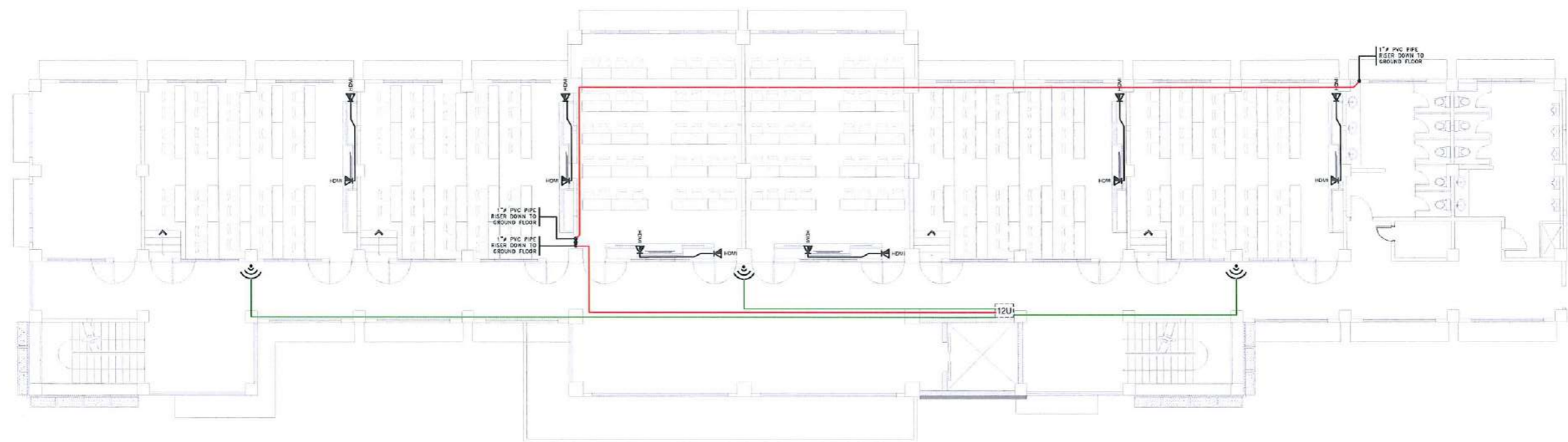
RECOMMENDING APPROVAL:

 DR. GRACE N. ROSETE
 VP ADMINISTRATION AND FINANCE

APPROVED:

 DR. ARNOLD E. VELASCO
 PRESIDENT

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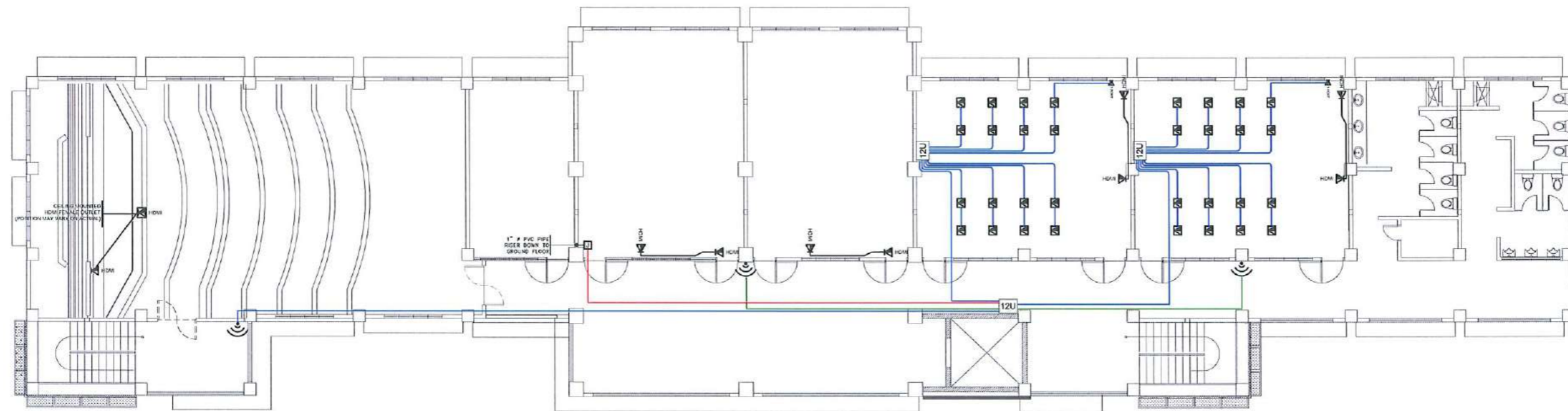
SECOND FLOOR STRUCTURED CABLING SYSTEM LAYOUT

SCALE: 1: 200 METERS



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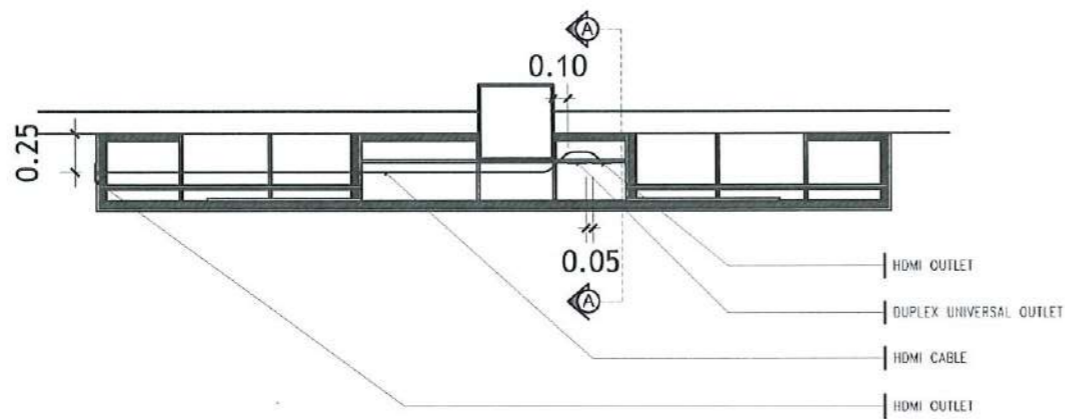
THIRD FLOOR STRUCTURED CABLING SYSTEM LAYOUT

SCALE: 1: 200 METERS



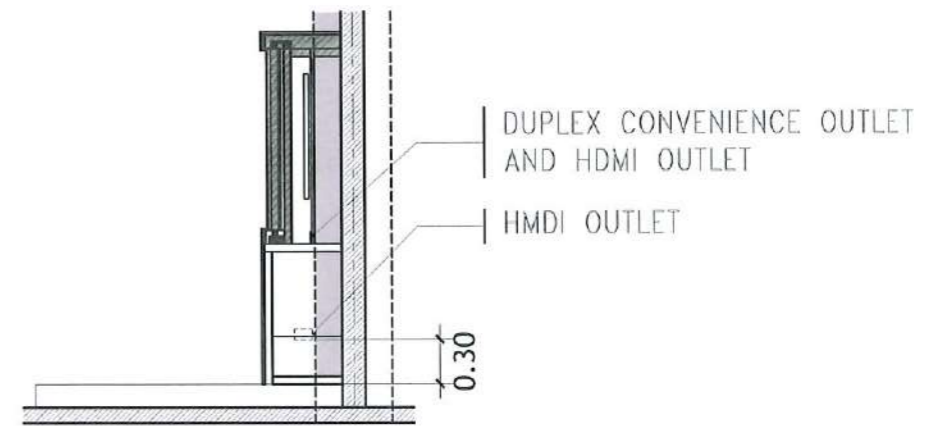
TARLAC STATE UNIVERSITY
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PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III) PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	REQUESTING OFFICE: DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY: ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE W. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN DATE: SEPTEMBER 2023	SHEET NO: E- 28 PAGE NO: 130/163
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TYP. BOARD & WAINSCOT FRAMING PLAN

SCALE: NTS



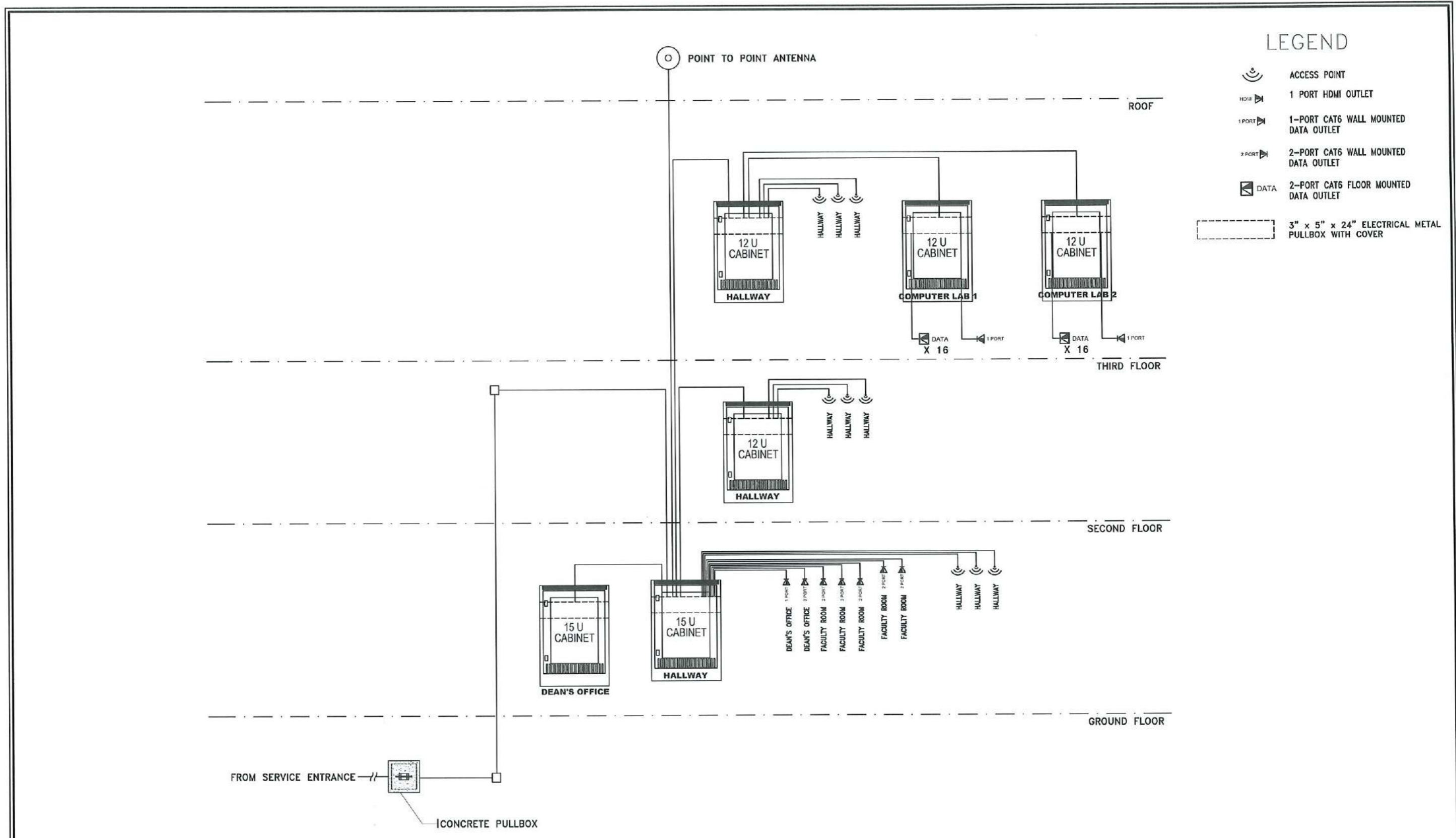
SECTION THRU A-A

SCALE: NTS



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STRUCTURED CABLING SYSTEM RISER DIAGRAM
SCALE: NTS

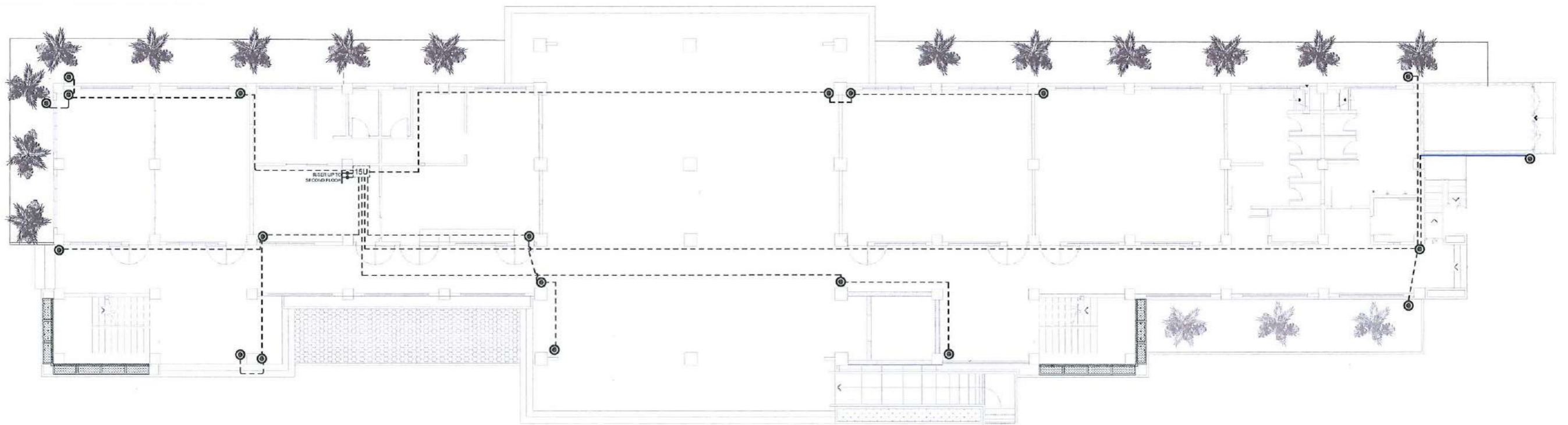
 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		ENGR. MISAEEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	E- 30
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAI							PAGE NO.:
								DATE: SEPTEMBER 2023	132/163

NOTES FOR CCTV LAYOUT:

1. VERIFY THE EXISTING CONDUIT ON SITE.
2. CONCEAL ALL PIPES WITH ROUGH-IN INSIDE THE WALL, FLOOR AND CEILING.
3. PROVIDE UTILITY BOX WITH BLANK PLATE ON CEILING AND SQUARE PULLBOX ON CEILING SLAB ON EACH PROPOSED CAMERA POSITION.
4. CAT6 UTP CABLE WITH LABEL SHALL BE PROVIDED FOR FUTURE INSTALLATION AND TERMINATION OF SWITCHES AND CCTV CAMERAS.

LEGEND

- BULLET TYPE CCTV CAMERA
- DOME TYPE CCTV CAMERA
- EXISTING RACEWAY
- 3/4" Ø PVC PIPE
- 1" Ø PVC PIPE



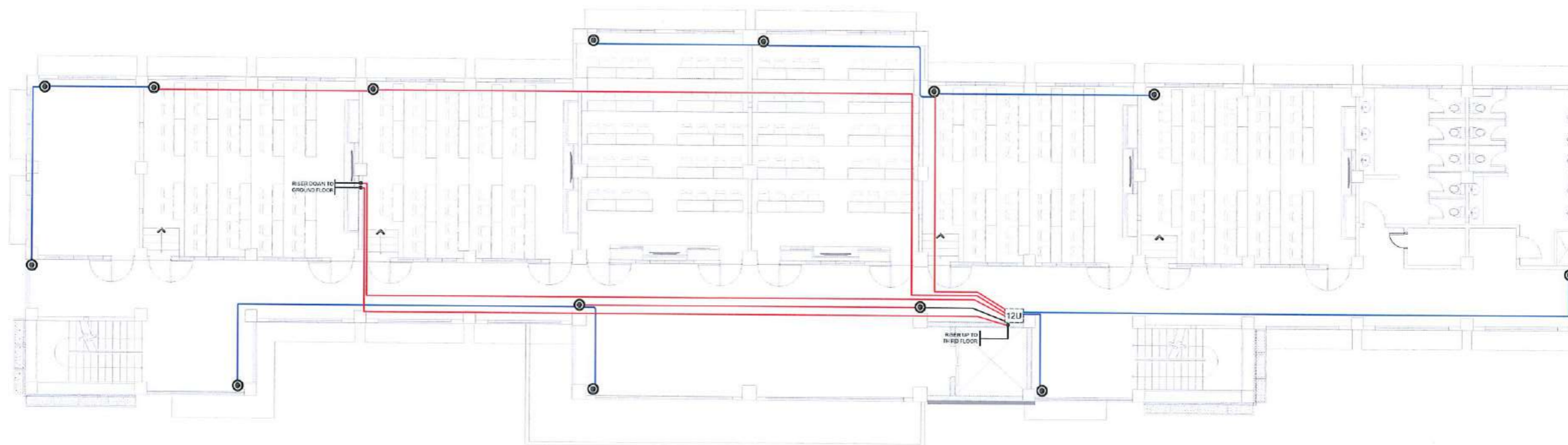
GROUND FLOOR CCTV LAYOUT

SCALE: 1: 200 METERS





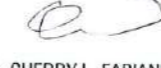




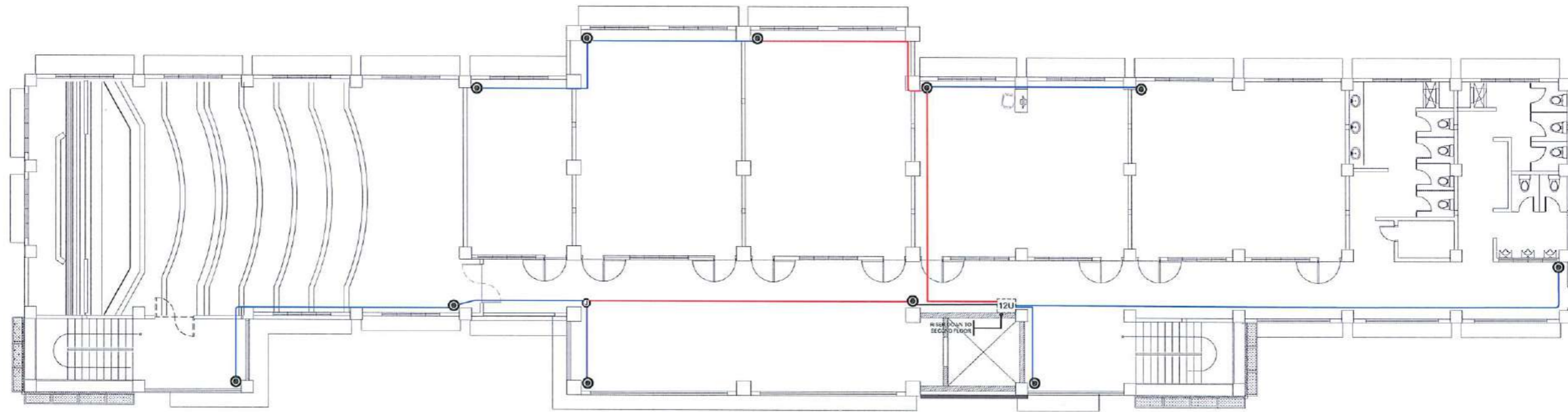
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:
PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CADLENG DEAN, CPAG	ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACEN. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	E- 31
								DATE: SEPTEMBER 2023	133/163




SECOND FLOOR CCTV LAYOUT
SCALE: 1: 200 METERS

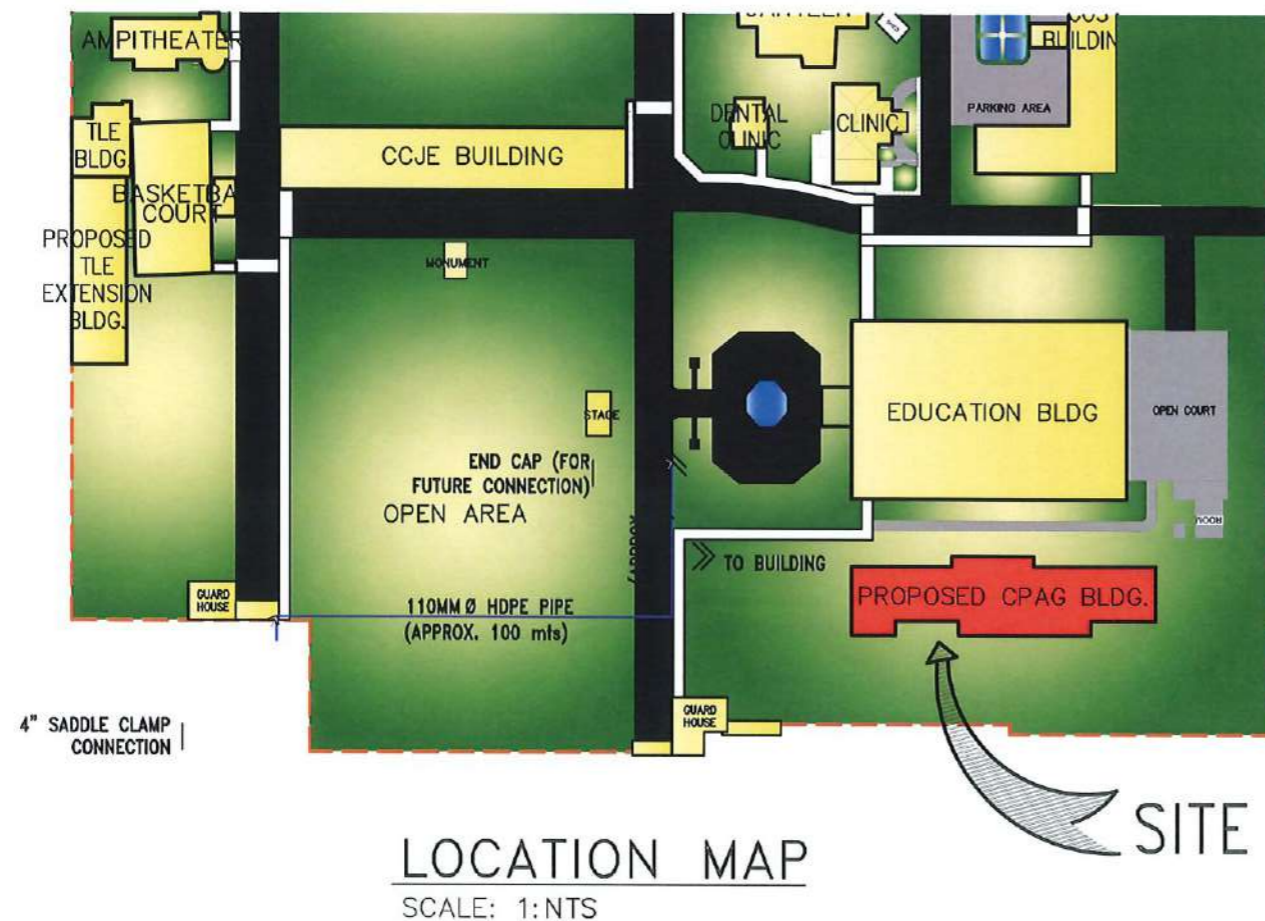
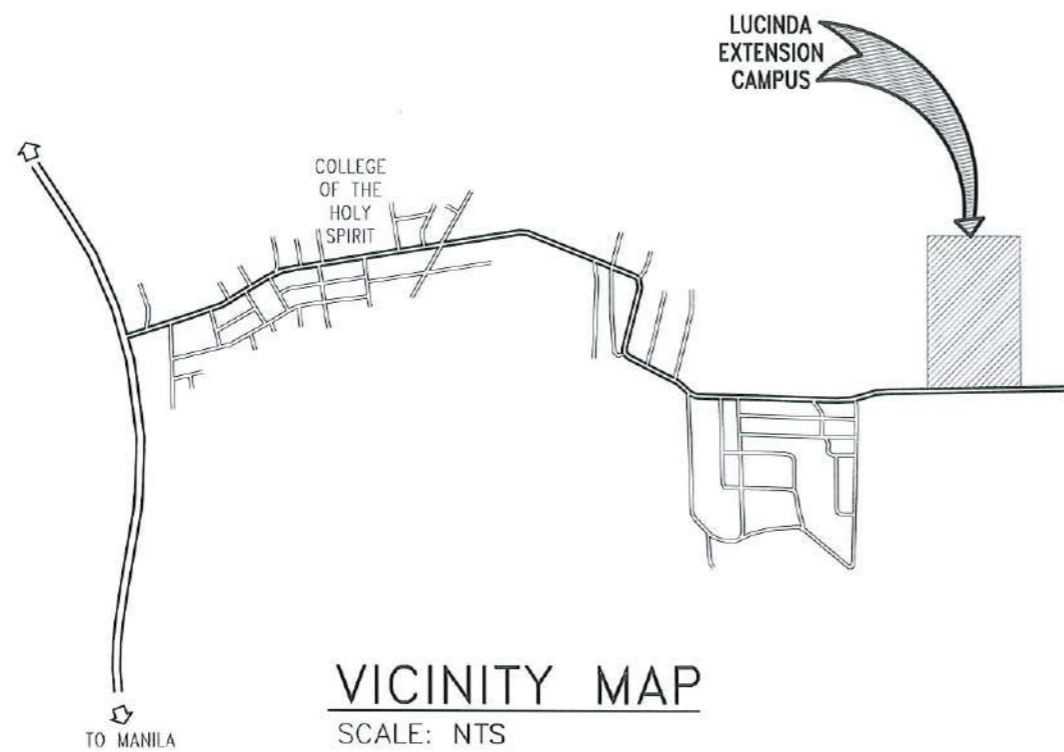
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	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	 DR. EDWIN T. CAOLENG DEAN, CPAG	 ENGR. MISAEL REIGH MIEL V. CABANSAG ELECTRICAL ENGINEER, FDMO	 AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	 AR. CHERRY L. FABIANES DIRECTOR, FDMO	 DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	 DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	E- 32
	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	PAGE NO.:



THIRD FLOOR CCTV LAYOUT

SCALE: 1: 200 METERS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office <small>Romulo Boulevard, Tarlac City, Philippines 2300</small>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		 DR. EDWIN F. CAOLENG <small>DEAN, CPAG</small>	 ENGR. MISAEL REIGH MIEL V. CABANSAG <small>ELECTRICAL ENGINEER, FDMO</small>	 AR. ARLEN M. GUIEB <small>PLANNING UNIT HEAD, FDMO</small>	 AR. CHERRY L. FABIANES <small>DIRECTOR, FDMO</small>	 DR. GRACE N. ROSETE <small>VP ADMINISTRATION AND FINANCE</small>	 DR. ARNOLD E. VELASCO <small>PRESIDENT</small>	AS SHOWN	E- 33
	PROJECT LOCATION:								LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	



LEGENDS

SP	SOIL PIPE	CB	CATCH BASIN		SOIL PIPES
WP	WASTE PIPE	FD	FLOOR DRAIN		WASTE PIPES
VP	VENT PIPE	CO	CLEANOUT		VENT PIPES
SS	SOIL STACK	URI	URINAL		STORM DRAINAGE PIPES
WS	WASTE STACK	WC	WATER CLOSET		110MM Ø HDPE PIPE
VS	VENT STACK	LAV	LAVATORY		90MM Ø HDPE PIPE
VSTW	VENT STACK THRU WALL	S.S.	SLOP SINK		75MM Ø PPR PIPE PN20
VSTR	VENT STACK THRU ROOF	GV	GATE VALVE		50MM Ø PPR PIPE PN20
SVTR	STACK VENT THRU ROOF	CV	CHECK VALVE		40MM Ø PPR PIPE PN20
RD	ROOF DRAIN	WM	WATER METER		32MM Ø PPR PIPE PN20
DS	DOWNSPOUT	HB	HOSE BIBB		25MM Ø PPR PIPE PN20
					20MM Ø PPR PIPE PN20

GENERAL NOTES:

- GRADE OF HORIZONTAL PIPING
RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AT A UNIFORM GRADE OF NOT LESS THAN (2%) TWO PERCENT.
- CHANGE OF DIRECTION
ALL CHANGES IN DIRECTION SHALL BE MADE BY THE APPROPRIATE USE OF 45° WYE, LONG SWEEP, QUARTER BEND, SIXTH, EIGHT, SIXTEENTH BEND WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, A SINGLE 1/8 BEND COMBINATION MAYBE USED ON WASTE LINE.
- PROHIBITED FITTINGS
NO DOUBLE TEE BRANCHES SHALL BE USED ON SOIL & WASTE LINES. DRILLING & TAPPING OF HOUSE DRAIN, WASTE PIPES OR USE OF SADDLE HUB AND BENDS ARE PROHIBITED.
- SLEEVES
PROVIDE PIPE SLEEVES AT WALL, COLUMN & SLAB ONE SIZE BIGGER THAN THE ACTUAL SIZE OF PIPE PASSING THRU WALLS OR UNDER SLAB TO PROTECT PIPES FROM BREAKAGE.
- PIPE CLEANOUTS
CLEANOUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
 - EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING TWENTY – TWO AND ONE – HALF DEGREES.
 - ONE AND HALF METERS INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.
 - EVERY FIFTEEN METERS (15.00) IN HORIZONTAL RUN OF PIPES.
 - AT THE END OF ANY HORIZONTAL PIPES.
- DEAD ENDS AVOIDED:
IN THE INSTALLATIONS OF PLUMBING SYSTEM, DEAD-END SHALL BE AVOIDED.
- ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL BUILDING CODE, REQUIREMENTS OF THE PLUMBING INSPECTION OFFICE AND PERTINENT PROVISION OF THE NATIONAL BUILDING CODE.

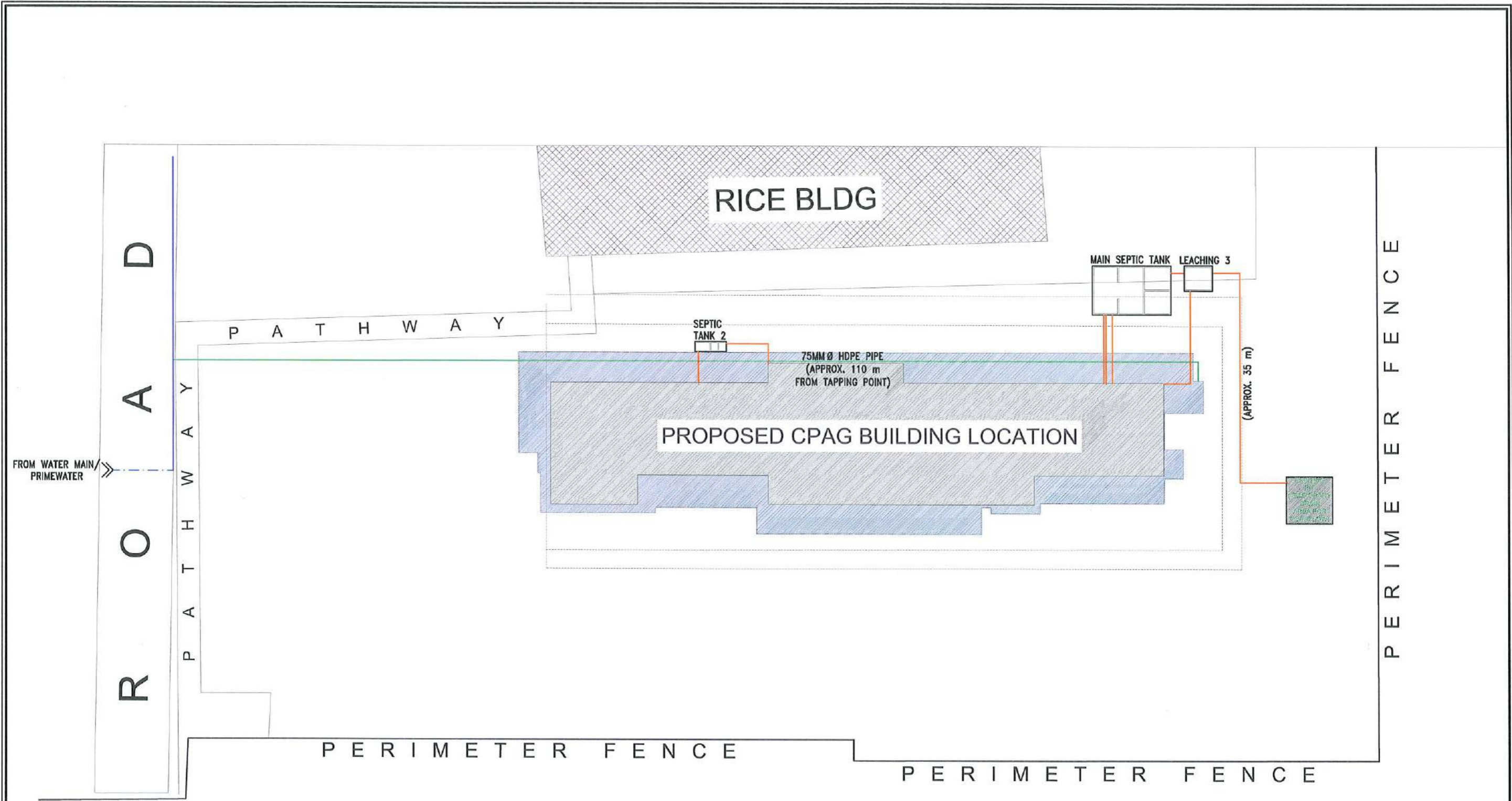
THE CONTRACTOR SHALL BE VERIFY ALL THE EXISTING UTILITIES AT SITE AND COORDINATES THE WORKS WITH THE SEWAGE LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTION POINT.

ALL PIPES SIZES ARE IN MILLIMETERS AND ALL DIMENSION ARE IN METERS UNLESS OTHERWISE SPECIFIED.



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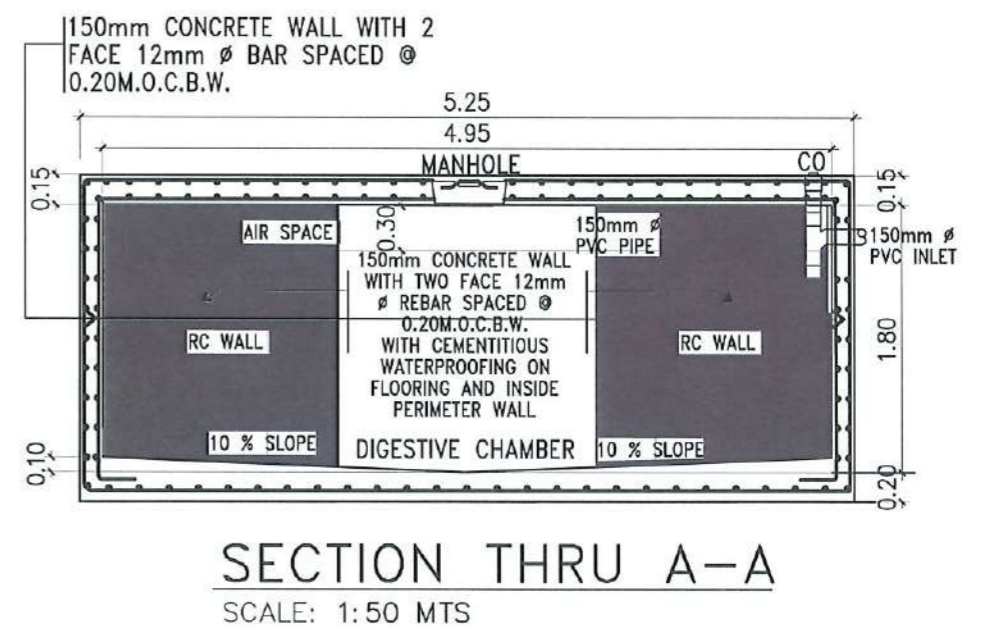
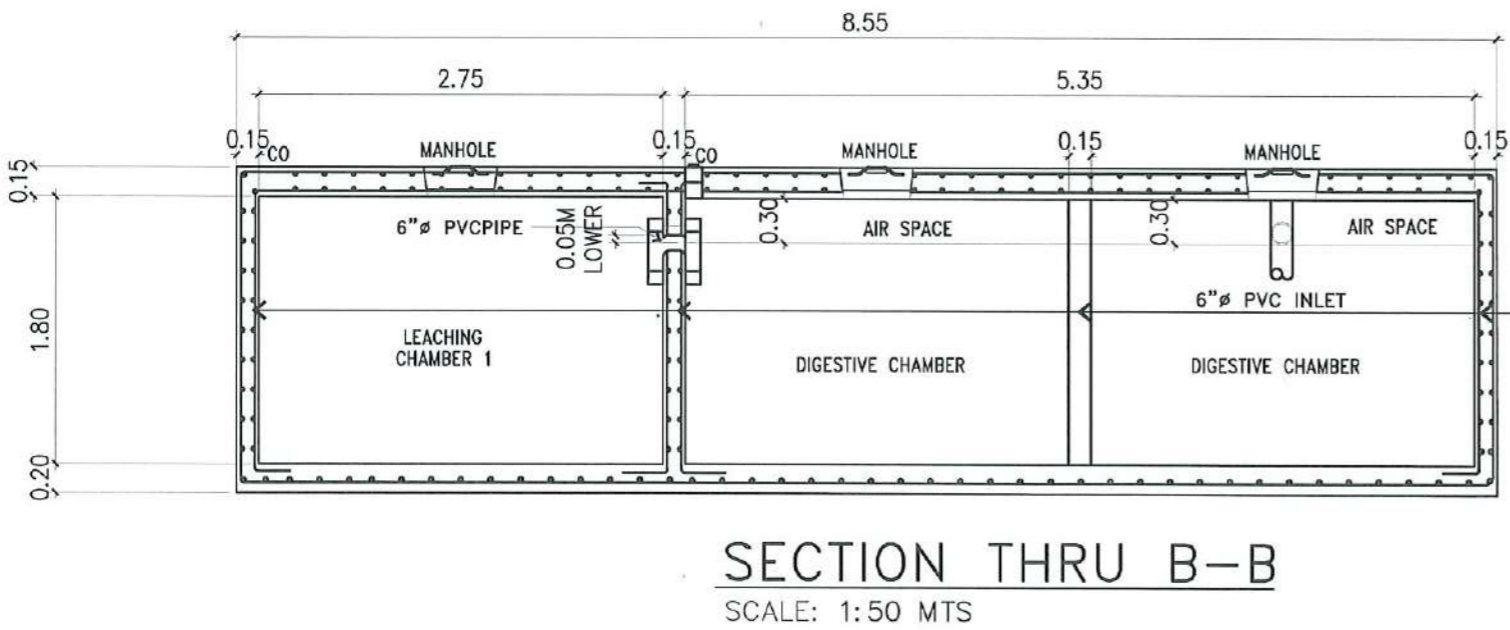
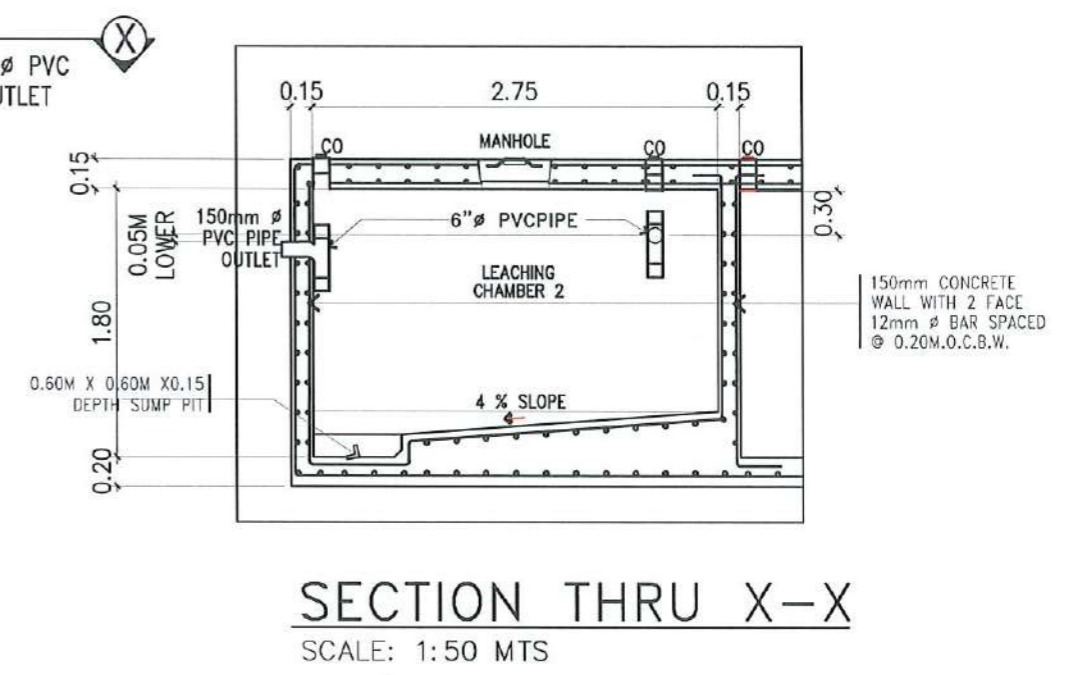
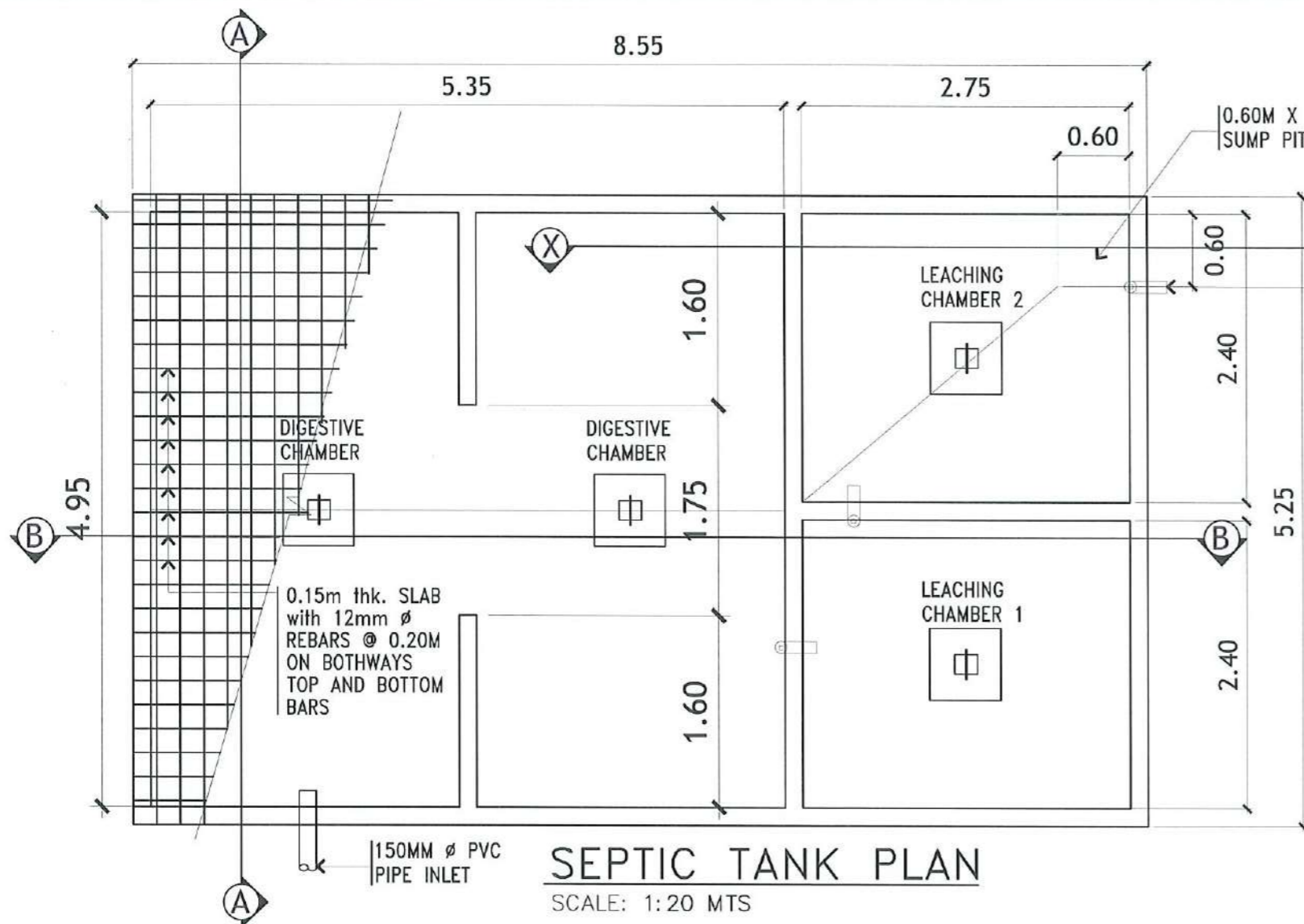
PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY:	AR. PAUL G. DOCTOR, RMP ARCHITECT, FDM	CHECKED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDM	CERTIFIED BY:	AR. CHERRY L. FABIANES DIRECTOR, FDM	RECOMMENDING APPROVAL:	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	P- 01
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																DATE: SEPTEMBER 2023	



SITE DEVELOPMENT PLAN

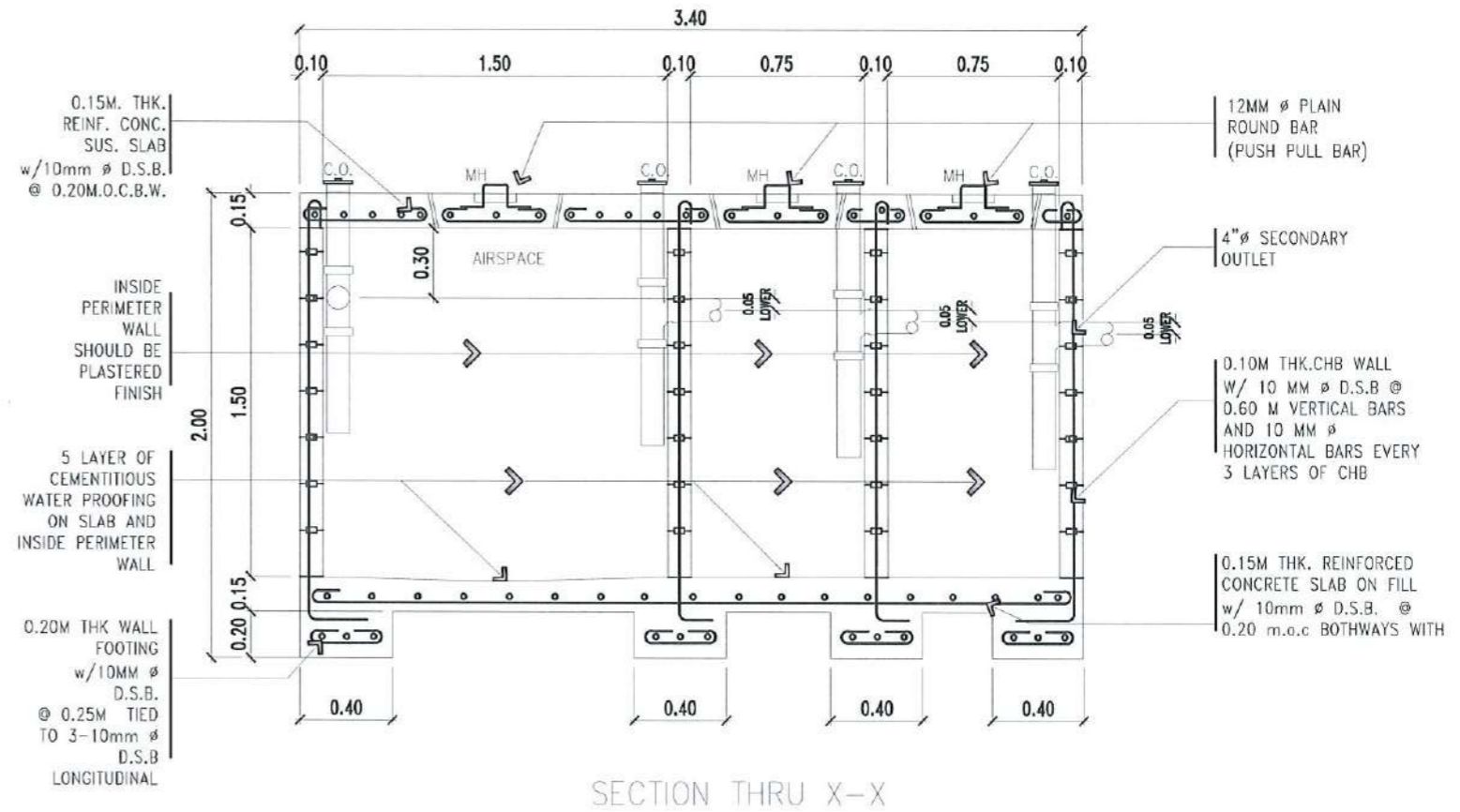
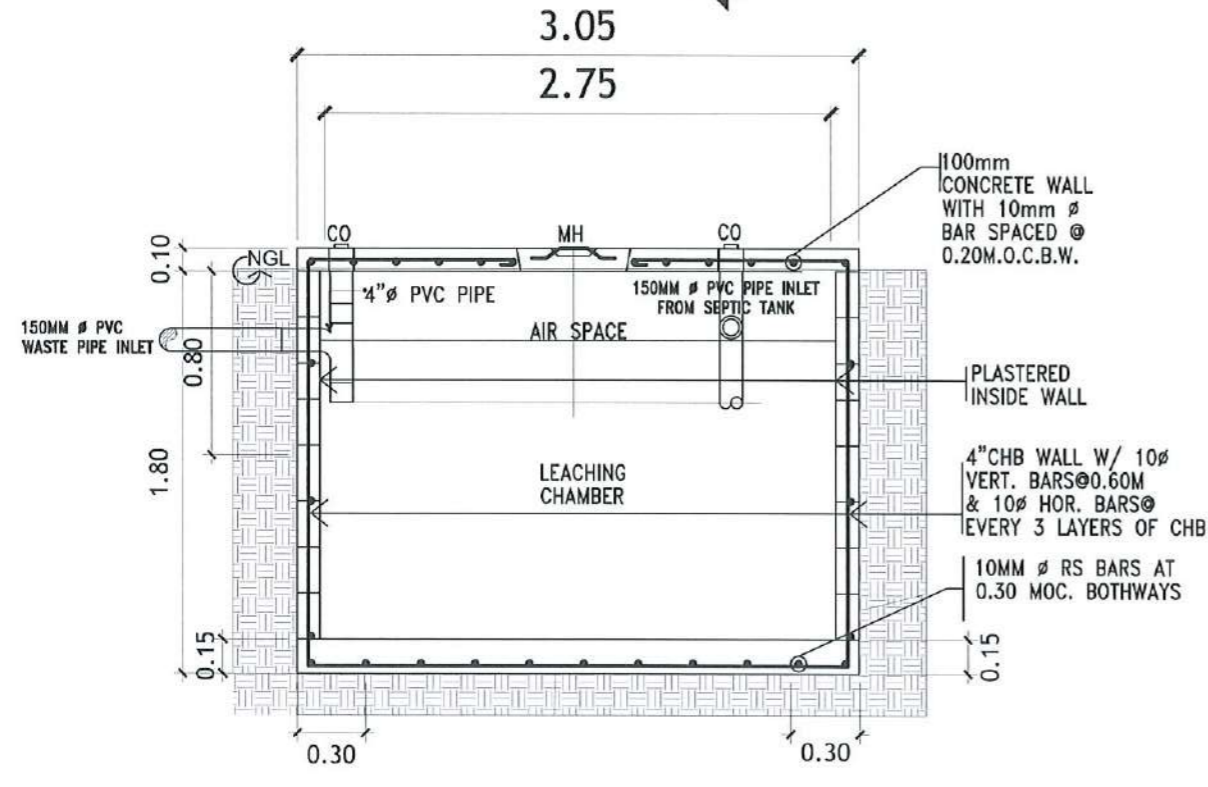
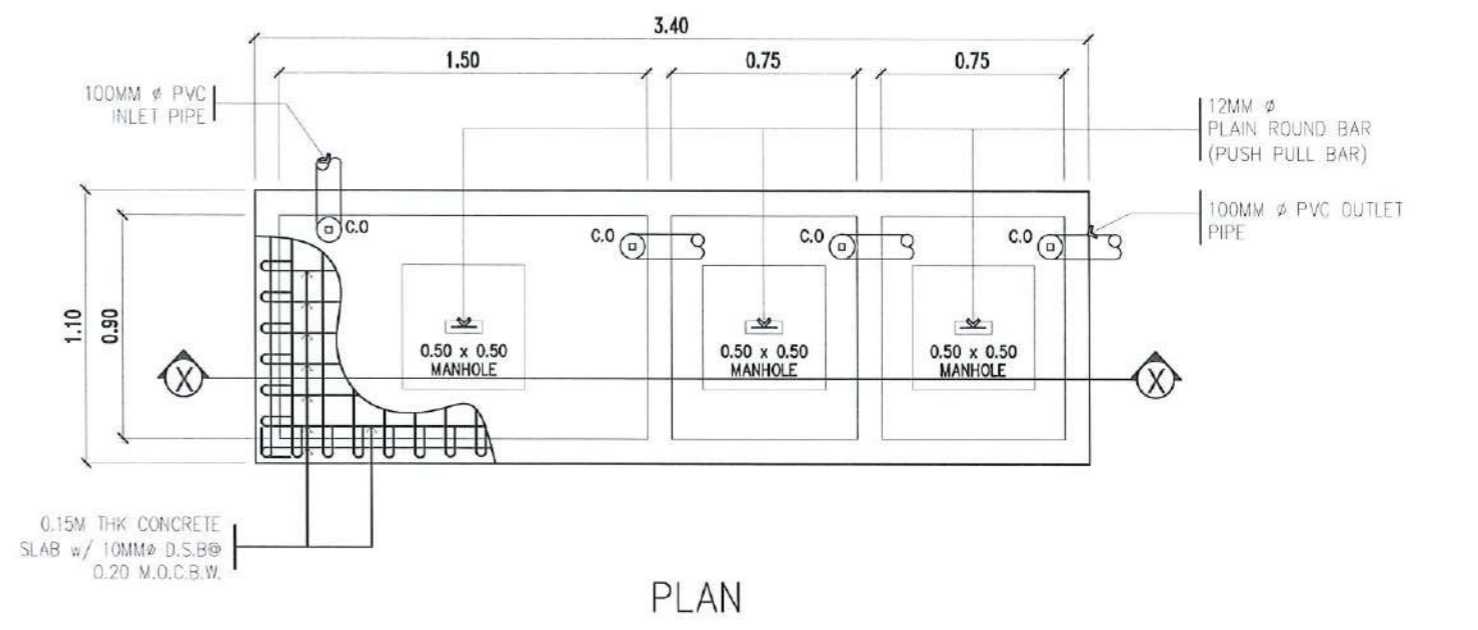
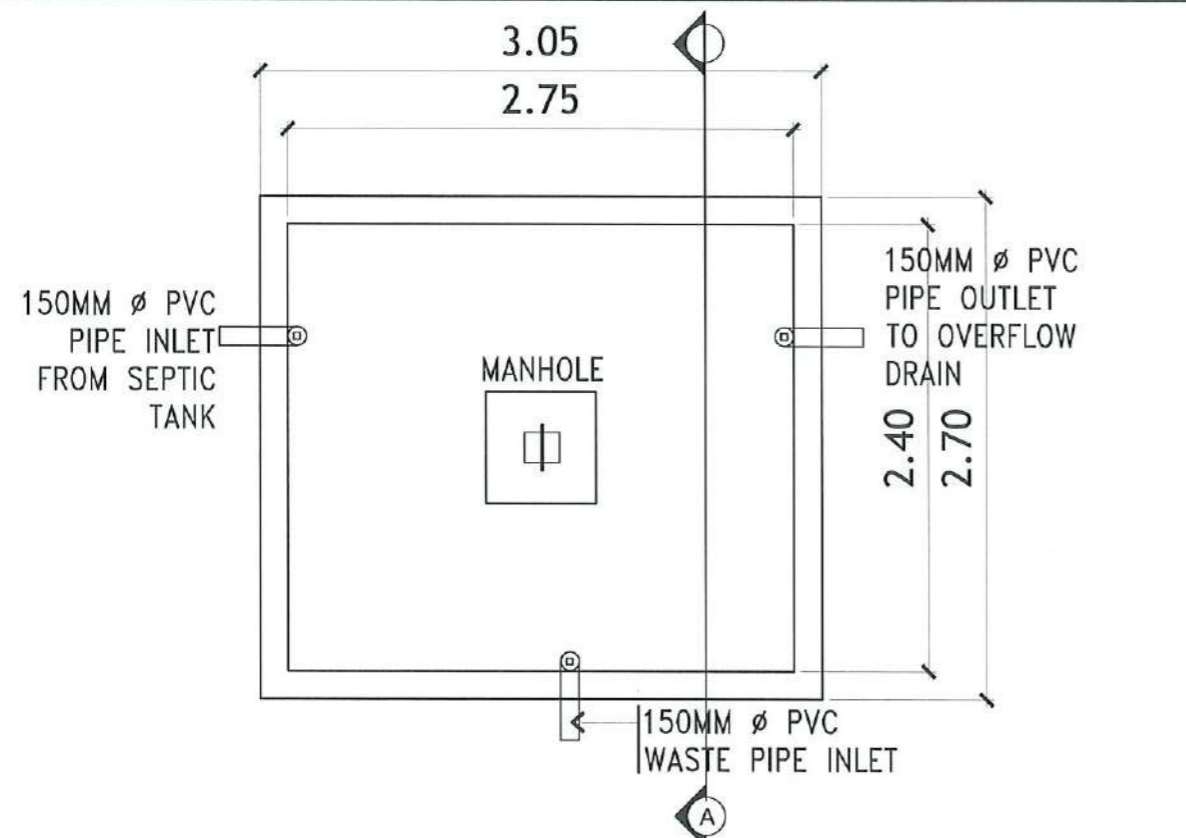
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 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN F. CAULENG DEAN, CPAG	AR. PAOLO A. DOCTOR ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-02
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								PAGE NO: 138/163
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Facilities Development and Management Office
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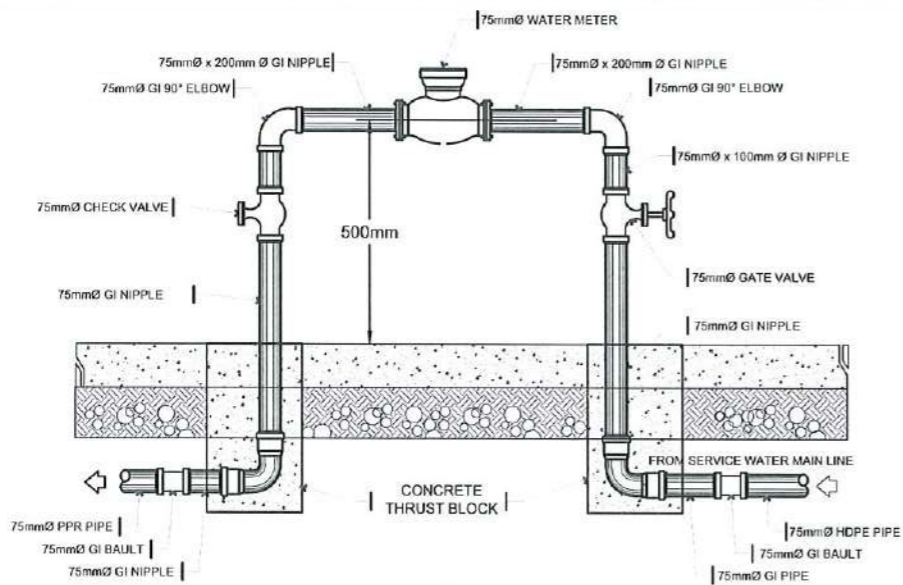
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PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	



DETAIL OF LEACHING CHAMBER 3
SCALE: 1:20 MTS

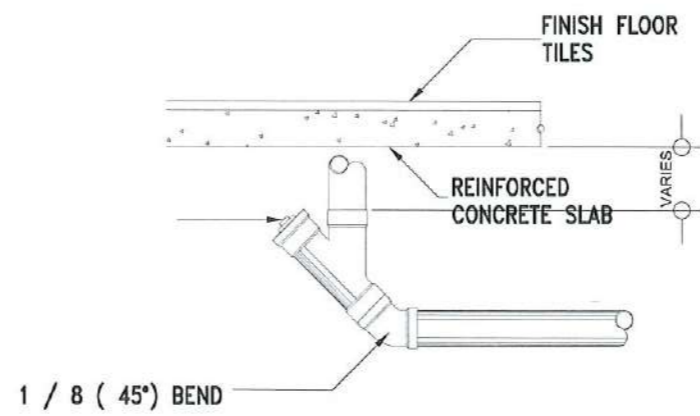
DETAIL OF SEPTIC TANK 2
SCALE: 1:30 MTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Road, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	DR. EDWIN F. CAULENG DEAN, CPAG	DR. PAULO A. ROCTOR RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE R. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-04
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							PAGE NO: 140/163
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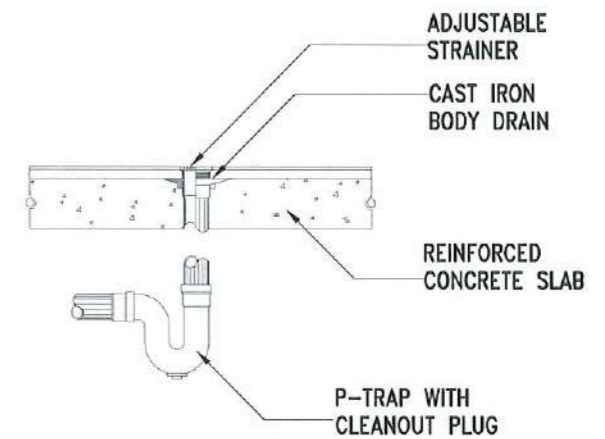


WATER METER DETAIL

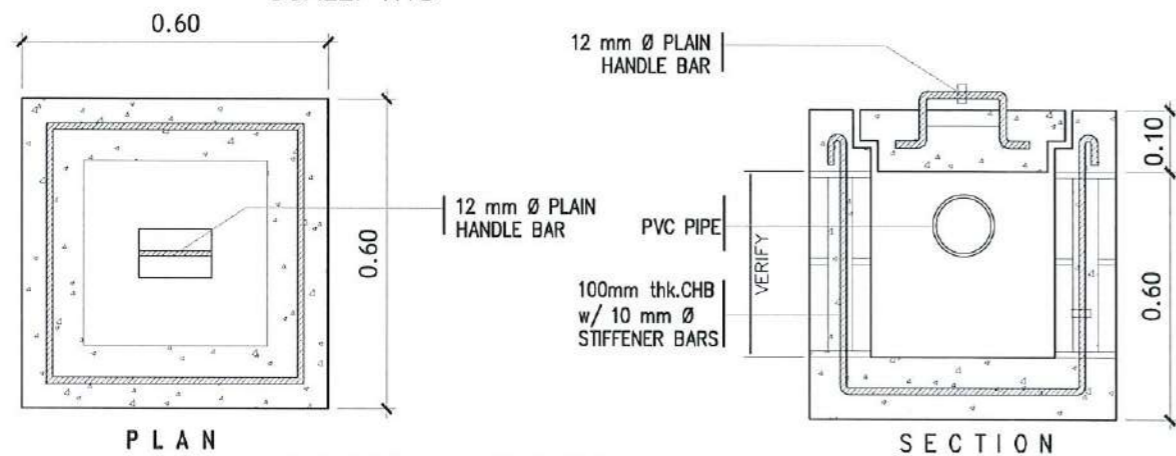
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SECOND FLOOR AND ABOVE

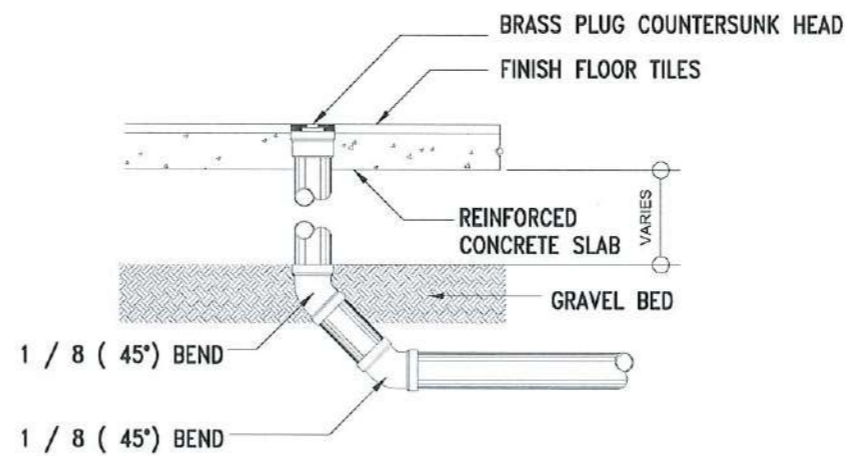


SECOND FLOOR AND ABOVE



CATCH BASIN DETAIL

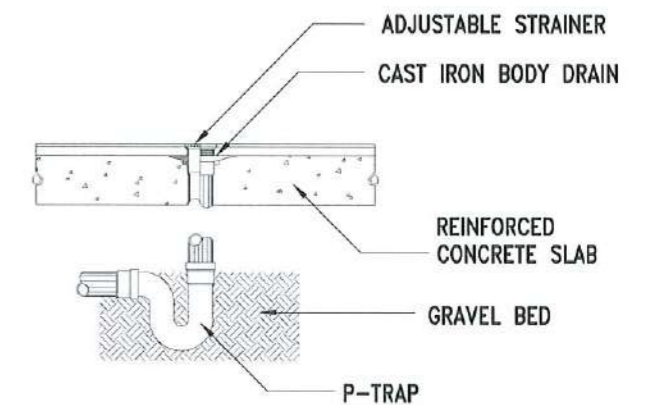
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GROUND FLOOR

FLOOR CLEAN-OUT DETAIL

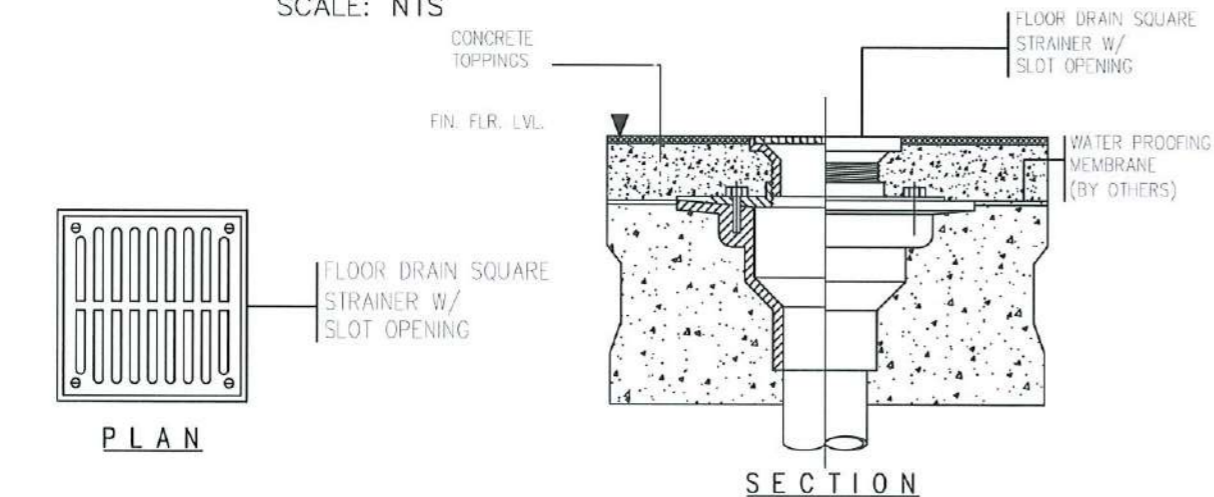
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GROUND FLOOR

FLOOR DRAIN DETAIL

SCALE: NTS



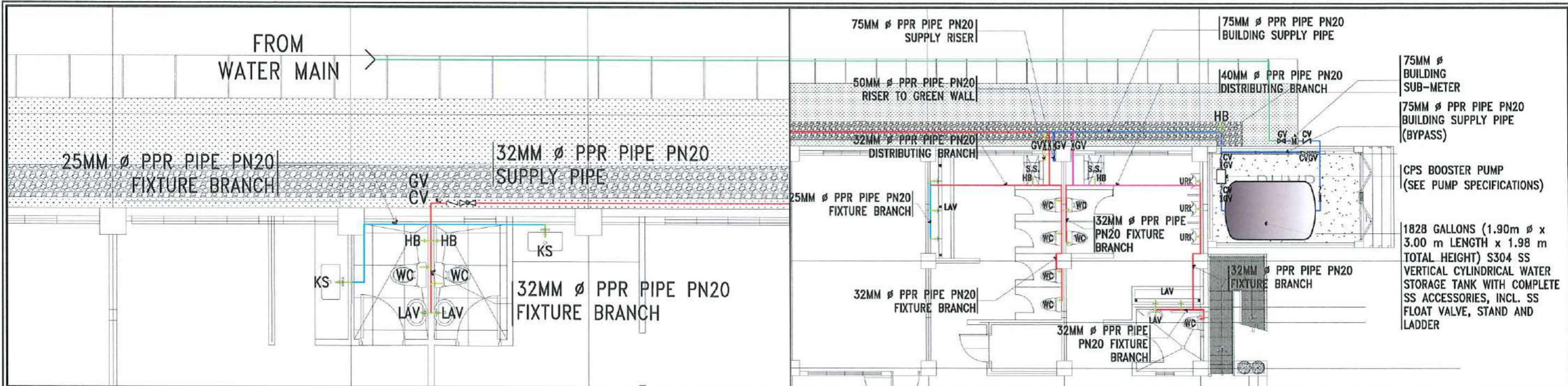
FLOOR DRAIN DETAIL

SCALE: NTS



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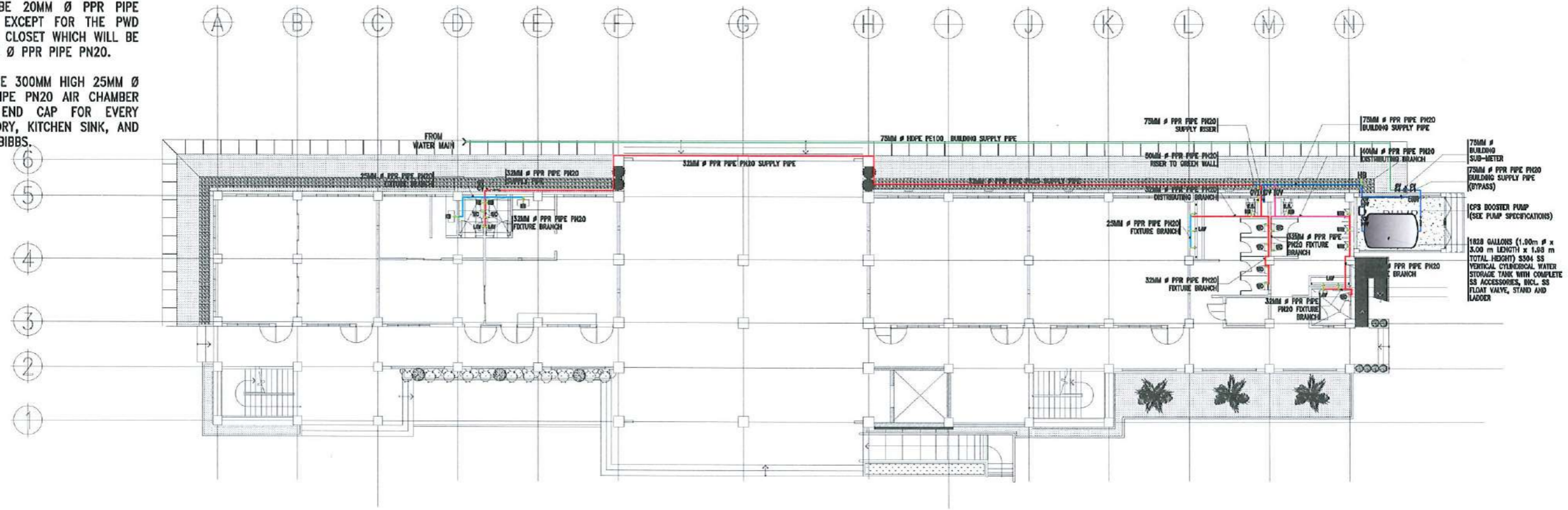
PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	PREPARED BY:	DR. EDWIN T. CAOLENG DEAN, CPAG	CHECKED BY:	AR. PAULO A. DOCTOR, RMM ARCHITECT, TBMS	CERTIFIED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	RECOMMENDING APPROVAL:	DR. GRACEN N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	P-05
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BLOW UP PLAN (CPAG OFFICE)
SCALE: NTS

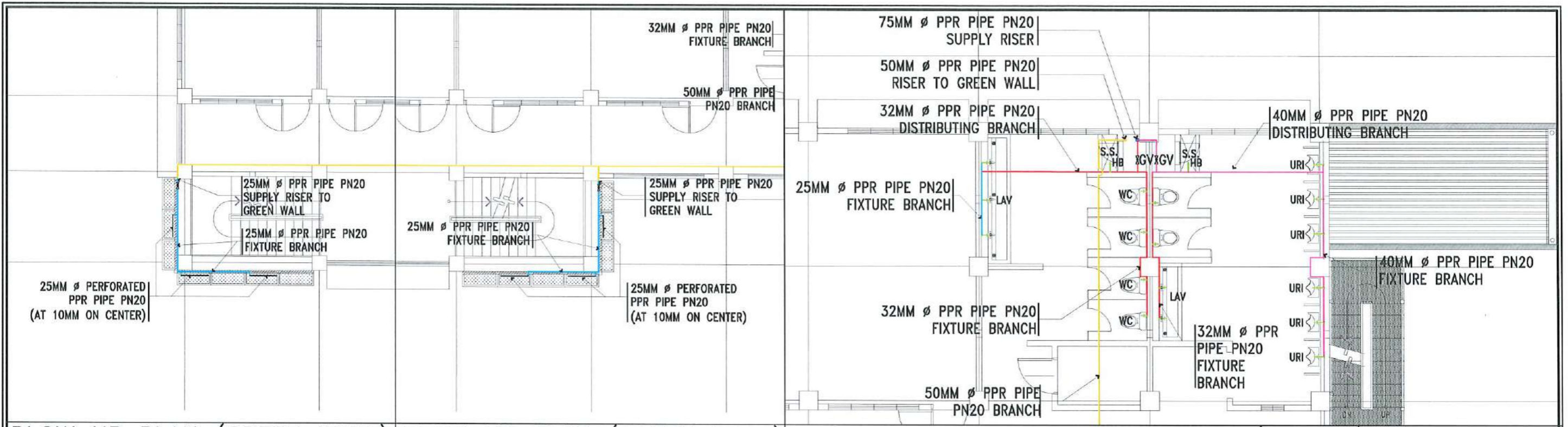
BLOW UP PLAN (TOILETS)
SCALE: NTS

- NOTE:**
- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20, EXCEPT FOR THE PWD WATER CLOSET WHICH WILL BE 32 MM Ø PPR PIPE PN20.
 - PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.



GROUND FLOOR WATERLINE LAYOUT
SCALE: 1:250 MTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Bomulo Boulevard, Tarlac City, Philippines 2100</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. PAUL A. DOCTOR RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-06
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO.: 142/163



BLOW UP PLAN (GREEN WALL)

BLOW UP PLAN (GREEN WALL)

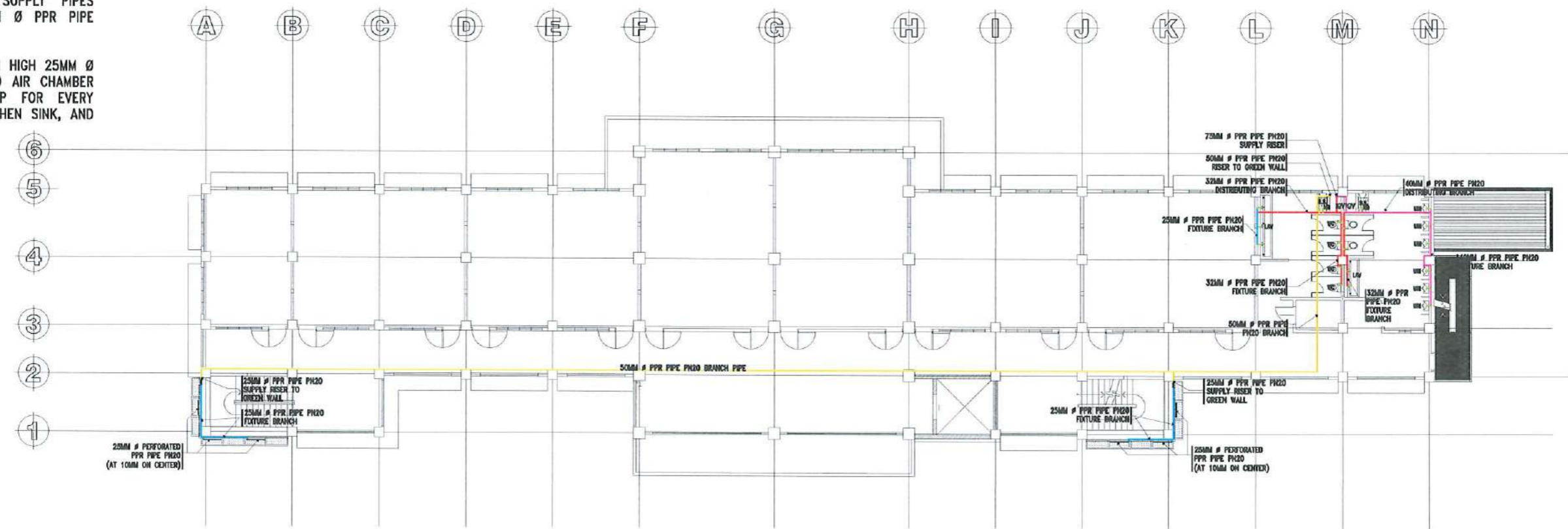
BLOW UP PLAN (TOILETS)

SCALE: NTS

SCALE: NTS

SCALE: NTS

- NOTE:**
- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20.
 - PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.



SECOND FLOOR WATERLINE LAYOUT

SCALE: 1:250 MTS



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Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN F. CAULENG
DEAN, CPAG

PREPARED BY:
AR. PAUL A. DOCTOR, RMP
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

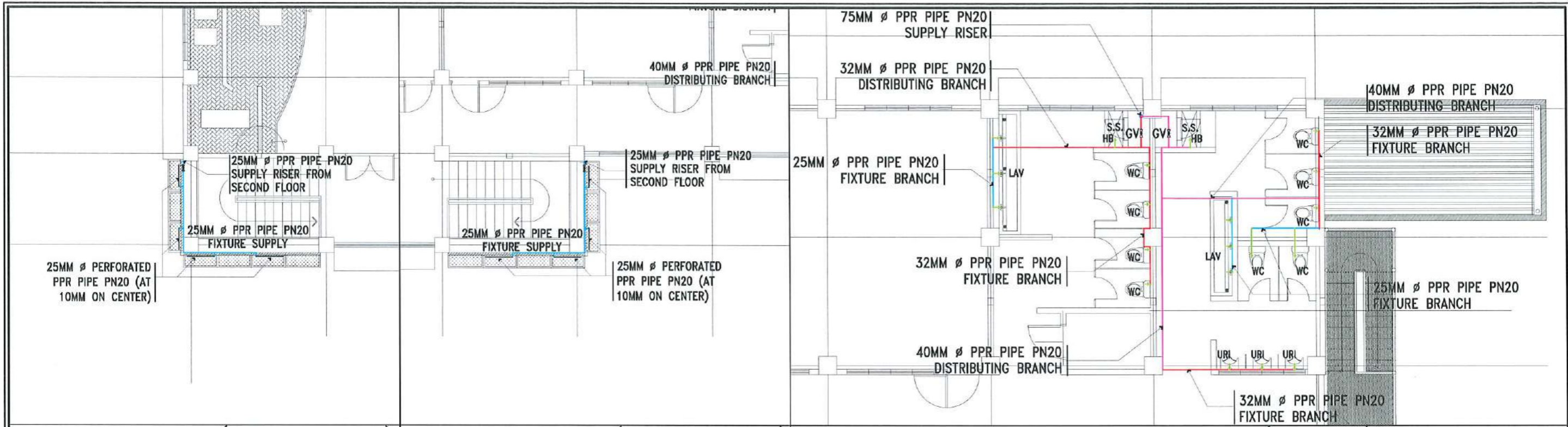
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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BLOW UP PLAN (GREEN WALL)

BLOW UP PLAN (GREEN WALL)

BLOW UP PLAN (TOILETS)

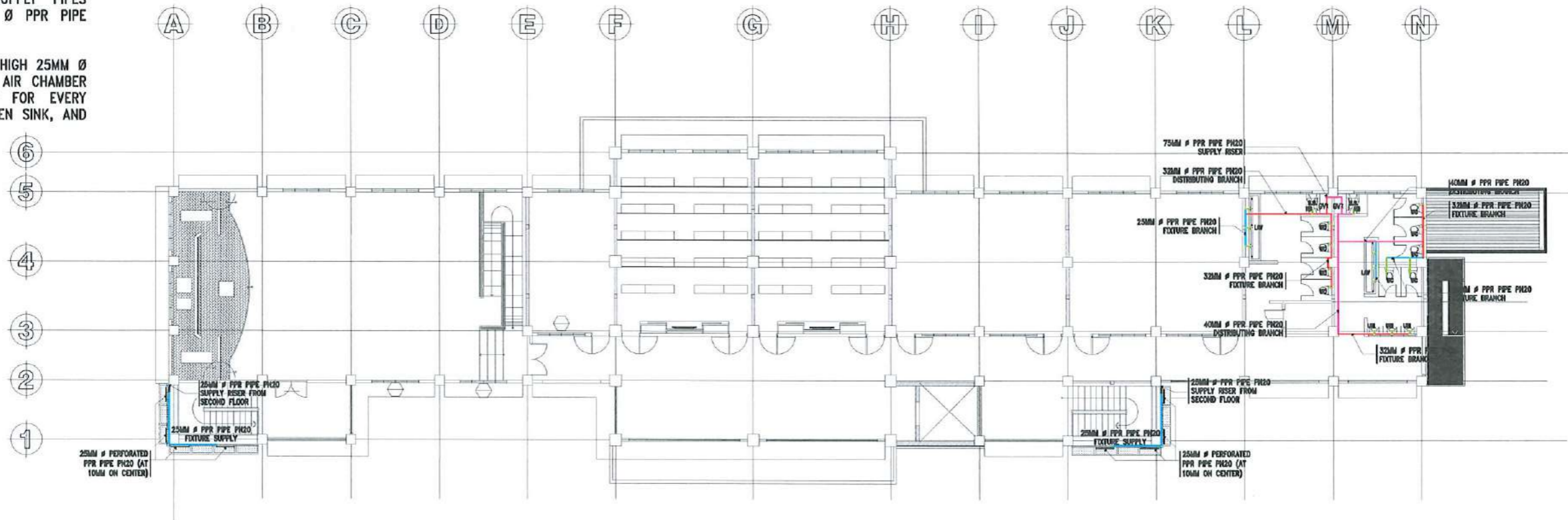
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SCALE: NTS

NOTE:

- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20.
- PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.





THIRD FLOOR WATERLINE LAYOUT

SCALE: 1:250 MTS

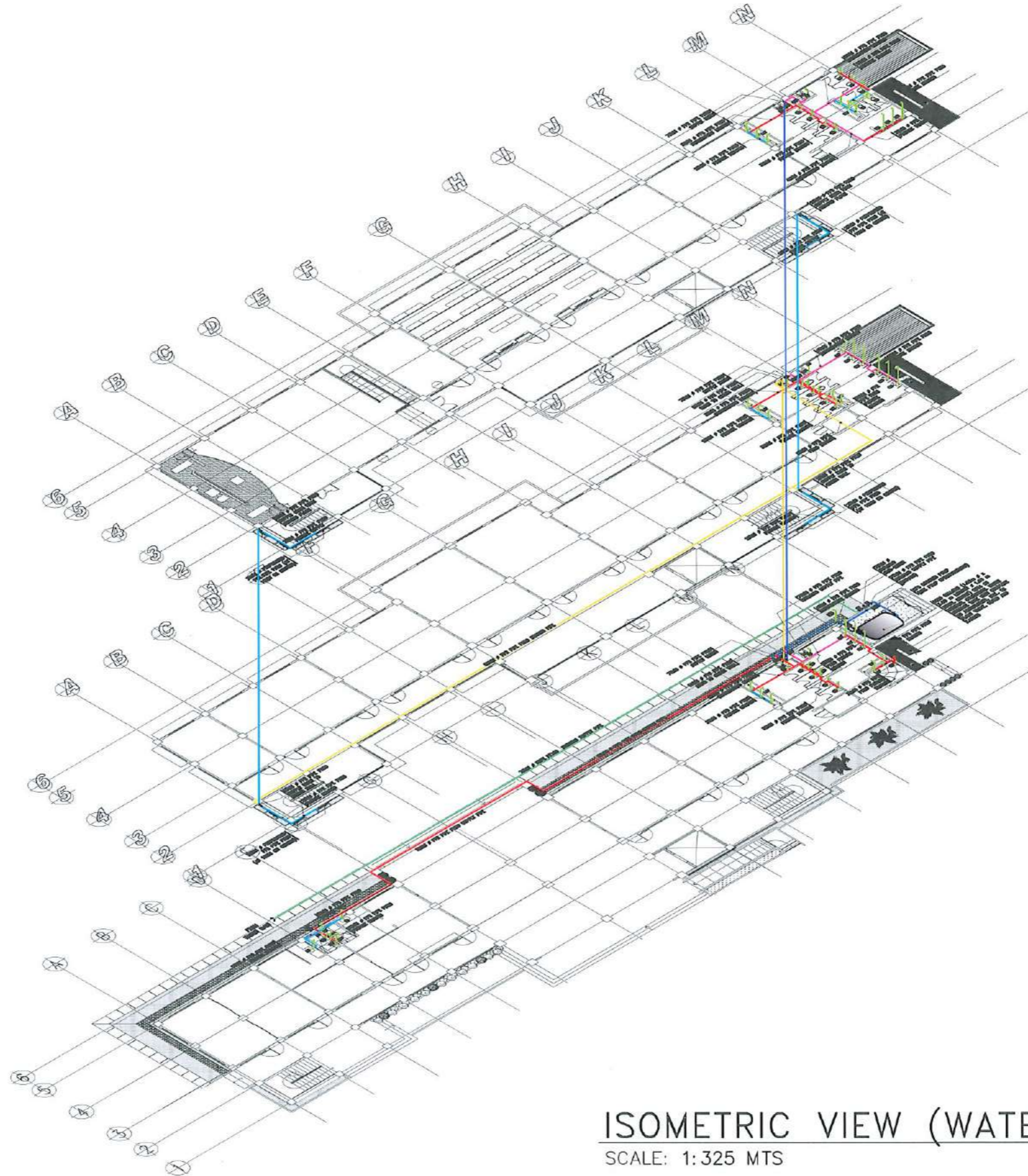
<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN F. CAOLENG DEAN, CPAG	DR. PAULINA DOCTOR RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-08
	PROJECT LOCATION:		LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY						DATE: SEPTEMBER 2023	PAGE NO: 144/163

LEGEND

	110MM Ø HDPE PIPE
	75MM Ø PPR PIPE PN20
	50MM Ø PPR PIPE PN20
	40MM Ø PPR PIPE PN20
	32MM Ø PPR PIPE PN20
	25MM Ø PPR PIPE PN20
	20MM Ø PPR PIPE PN20

NOTE:

- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20.
- PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.

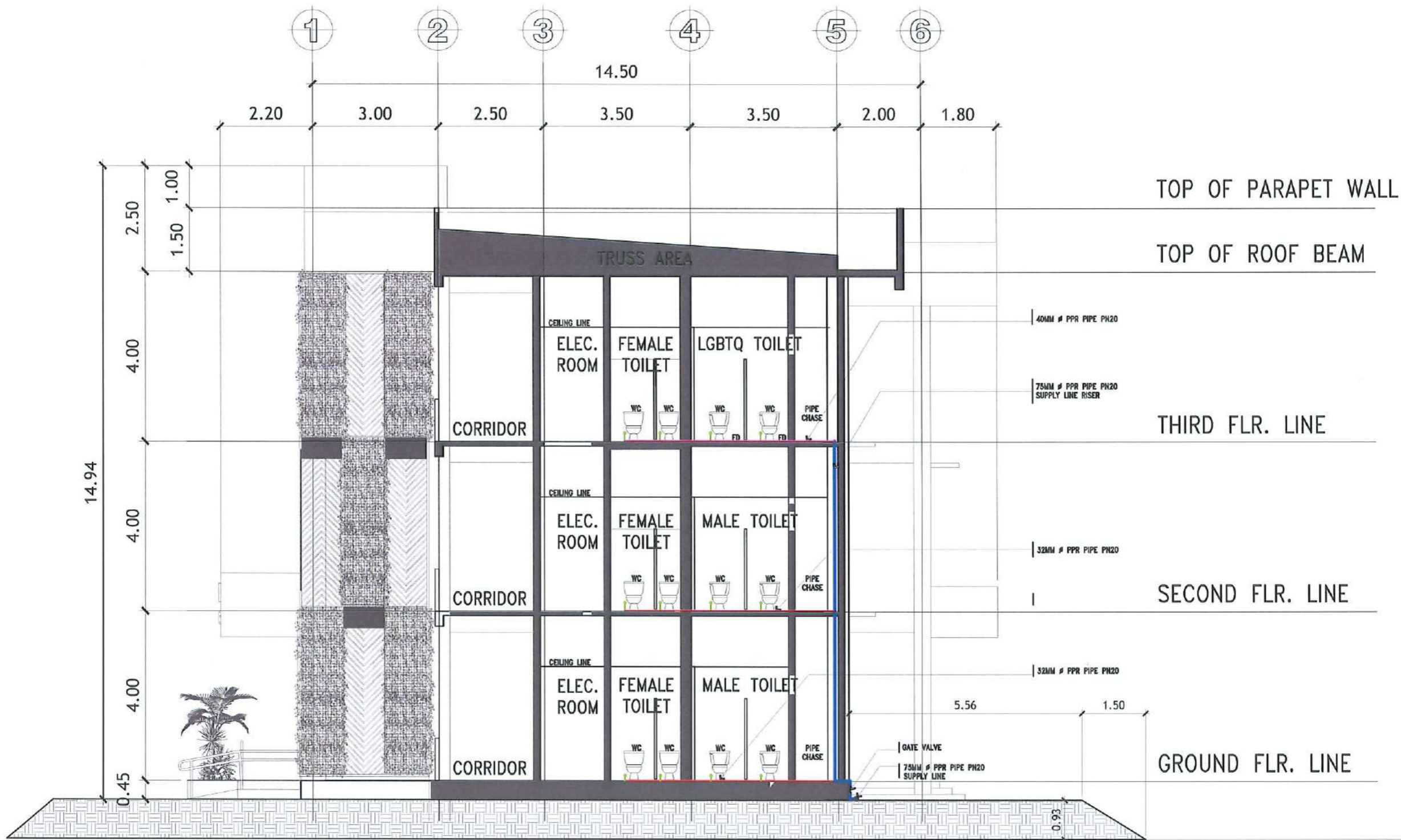


ISOMETRIC VIEW (WATERLINE)

SCALE: 1:325 MTS



PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS: AS SHOWN	SHEET NO: P-09
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN F. CAOLENG DEAN, CPAG	DR. PAULO A. DOCTOR RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO: 145/163



WATER LINE SECTION LAYOUT THRU A-A

SCALE: 1:100 MTS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
AR. PAULINA DOCTOR RMP
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLUMBING UNIT HEAD, FDMO

CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

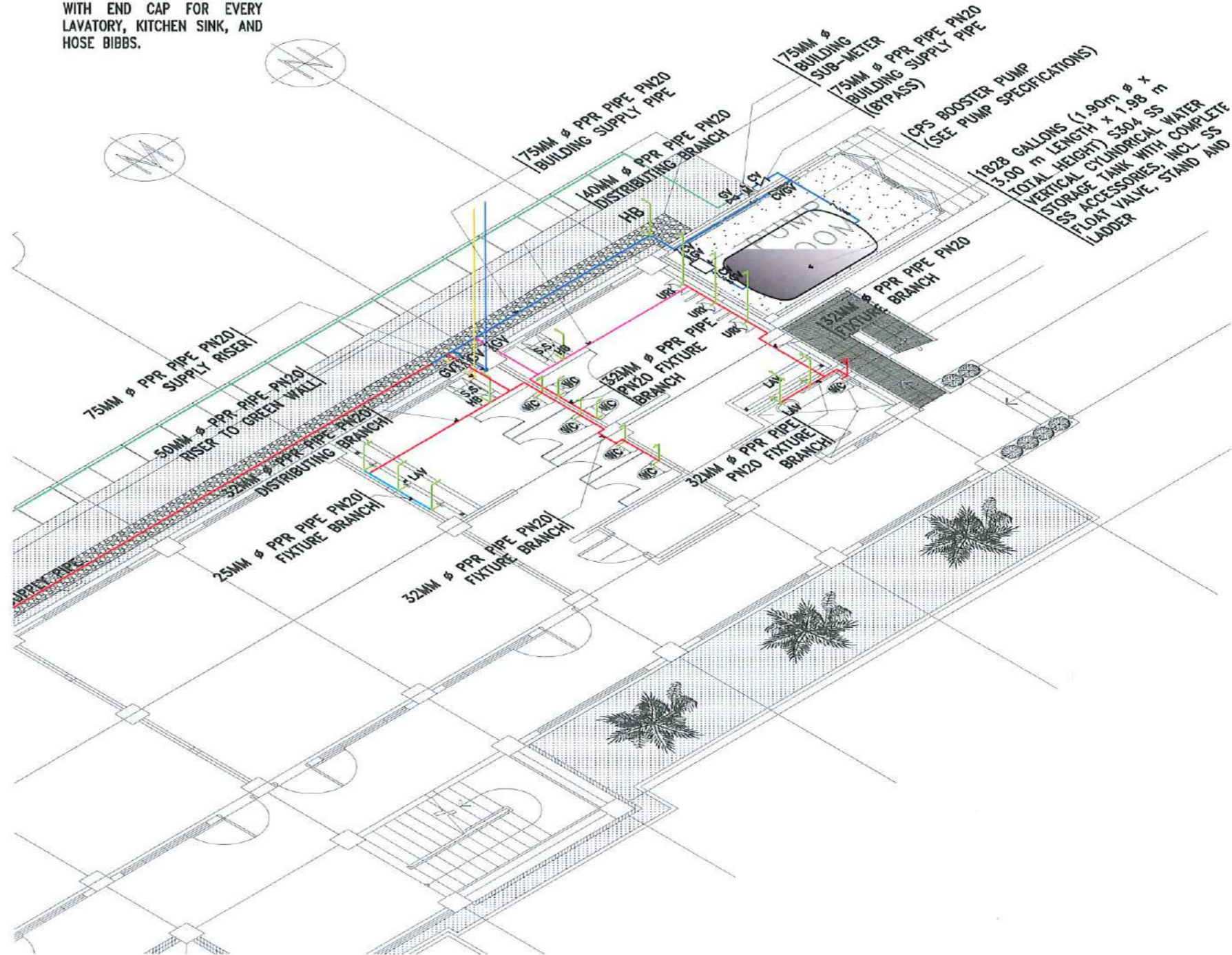
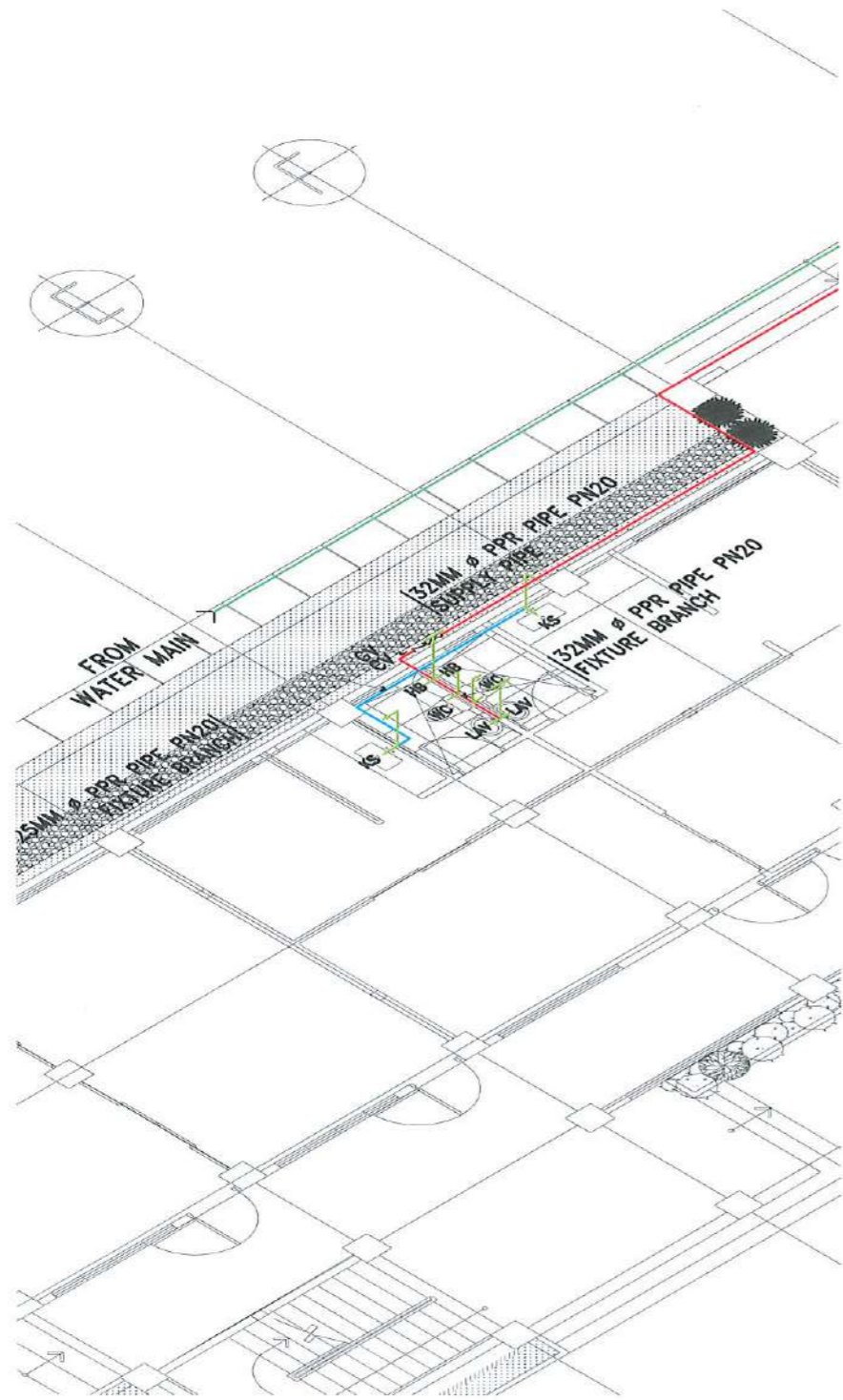
RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: SEPTEMBER 2023

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146/163

- NOTE:
- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20, EXCEPT FOR THE PWD WATER CLOSET WHICH WILL BE 32 MM Ø PPR PIPE PN20.
 - PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.



GROUND FLOOR ISOMETRIC VIEW (WATERLINE)

SCALE: 1:100 MTS



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

PROJECT TITLE:
 CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
 PROJECT LOCATION:
 LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
 DR. EDWIN T. CAOLENG
 DEAN, CPAG

PREPARED BY:
 DR. PAUL A. DOCTOR, RMP
 ARCHITECT, FDMO

CHECKED BY:
 AR. ARLEN M. GUIEB
 PLANNING UNIT HEAD, FDMO

CERTIFIED BY:
 AR. CHERRY L. FABIANES
 DIRECTOR, FDMO

RECOMMENDING APPROVAL:
 DR. GRACE M. ROSETE
 VP ADMINISTRATION AND FINANCE

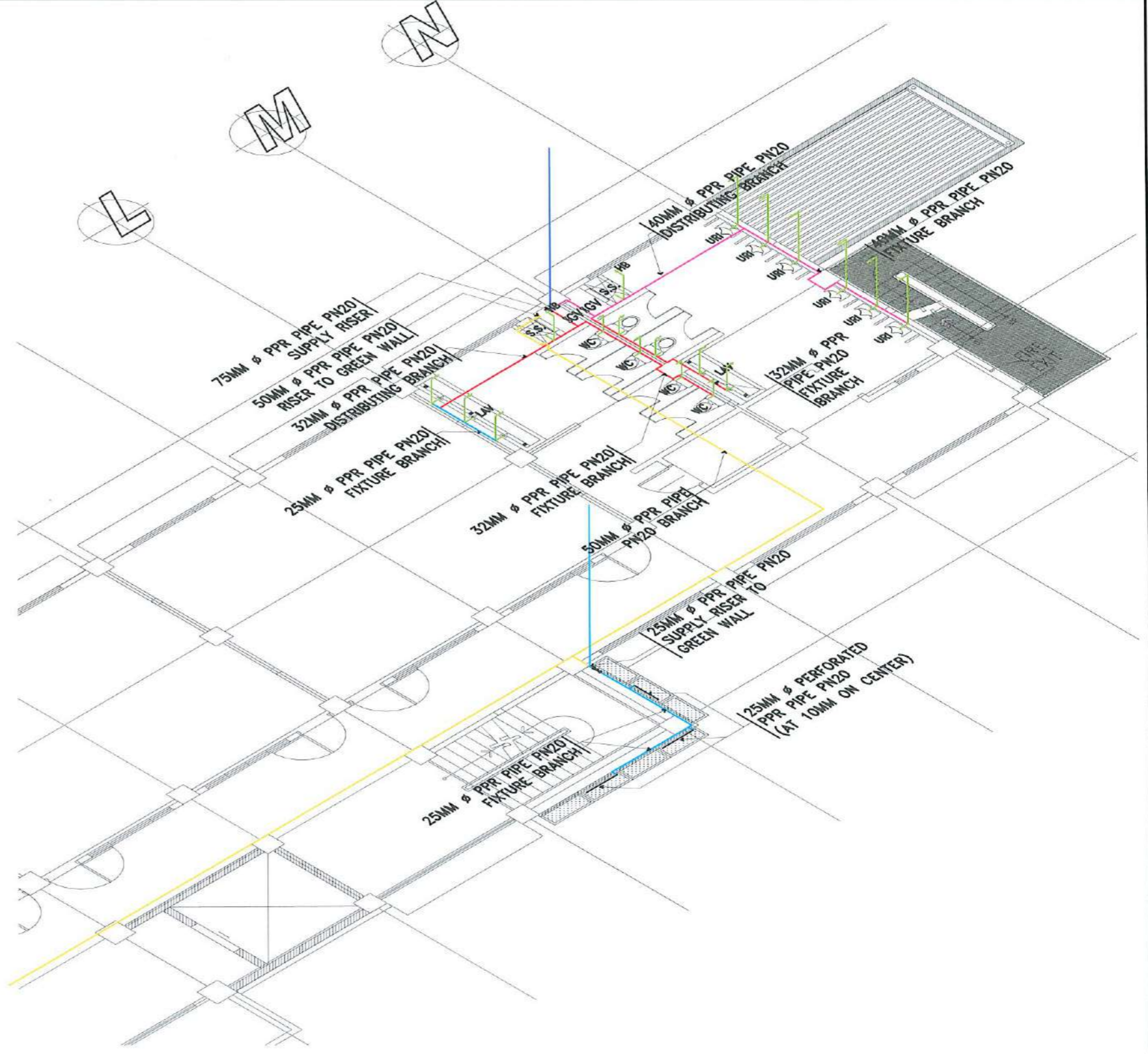
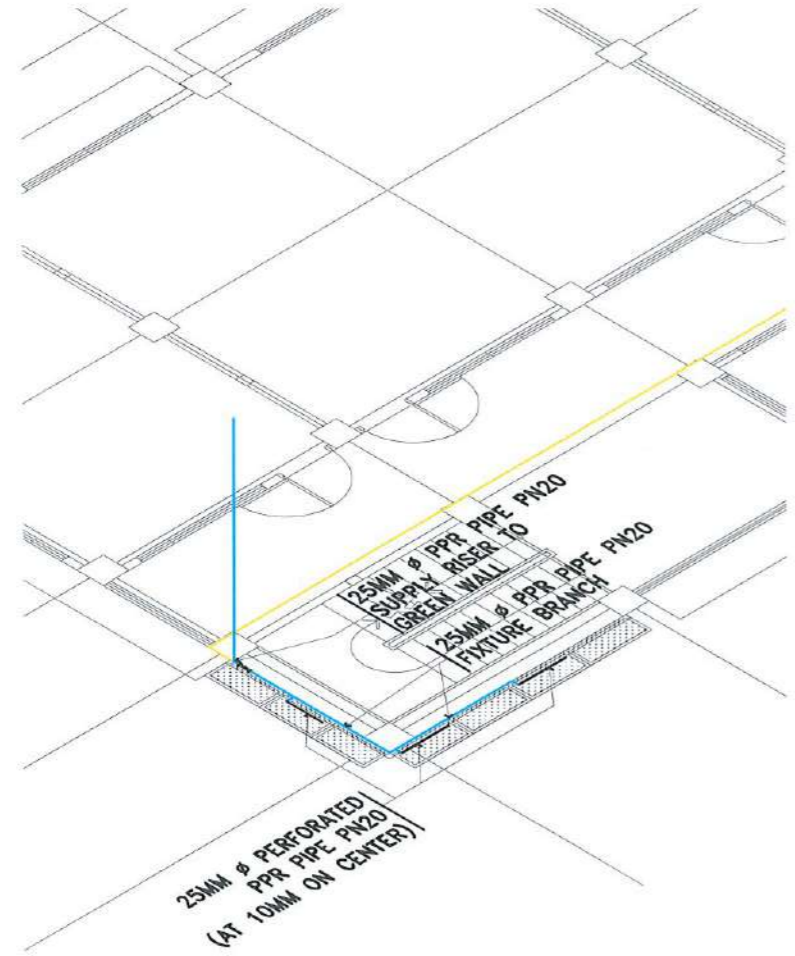
APPROVED:
 DR. ARNOLD E. VELASCO
 PRESIDENT

SHEET CONTENTS:
 AS SHOWN
 DATE: SEPTEMBER 2023

SHEET NO:
 P-11
 PAGE NO:
 147/163


NOTE:

- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20.
- PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.

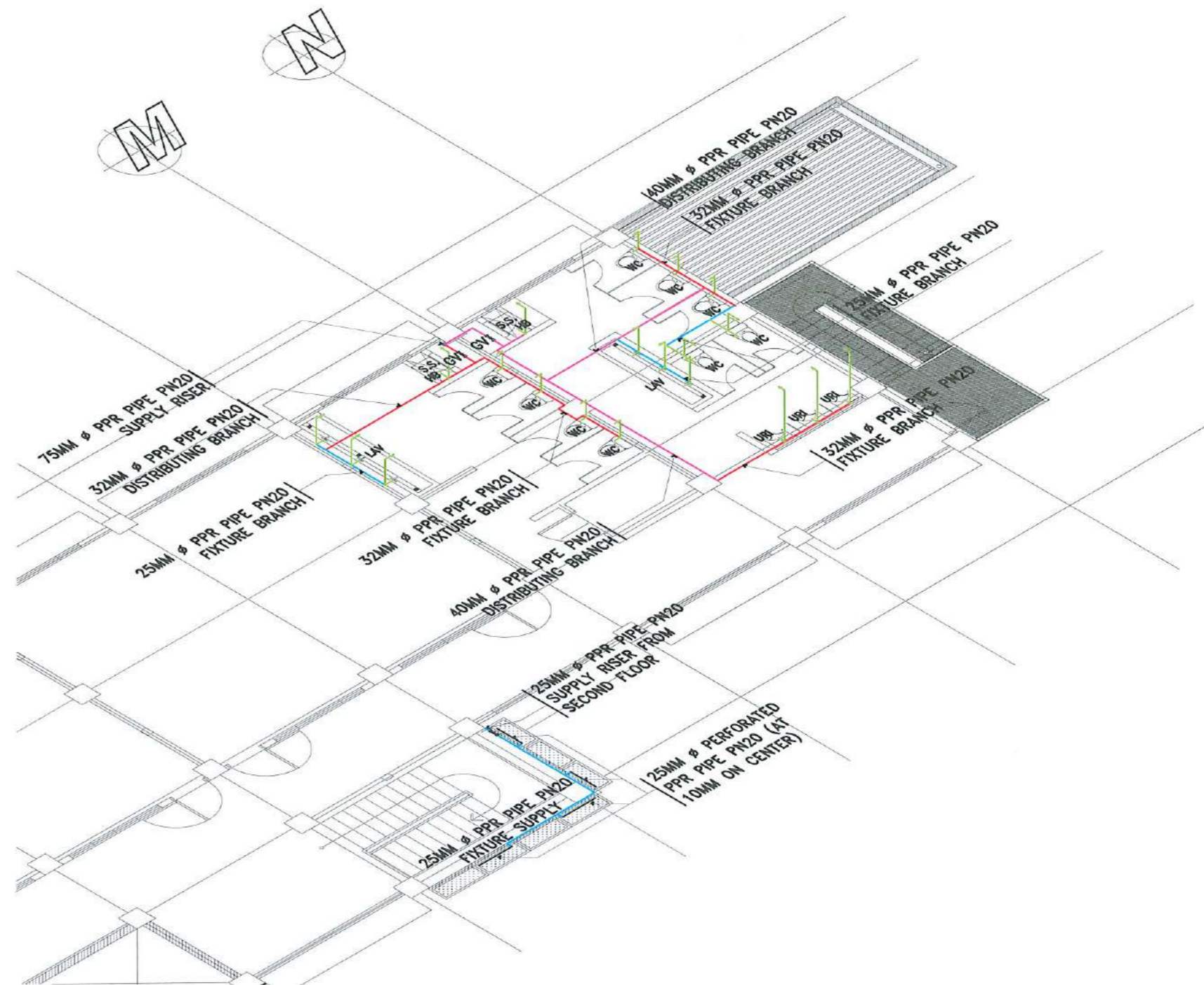
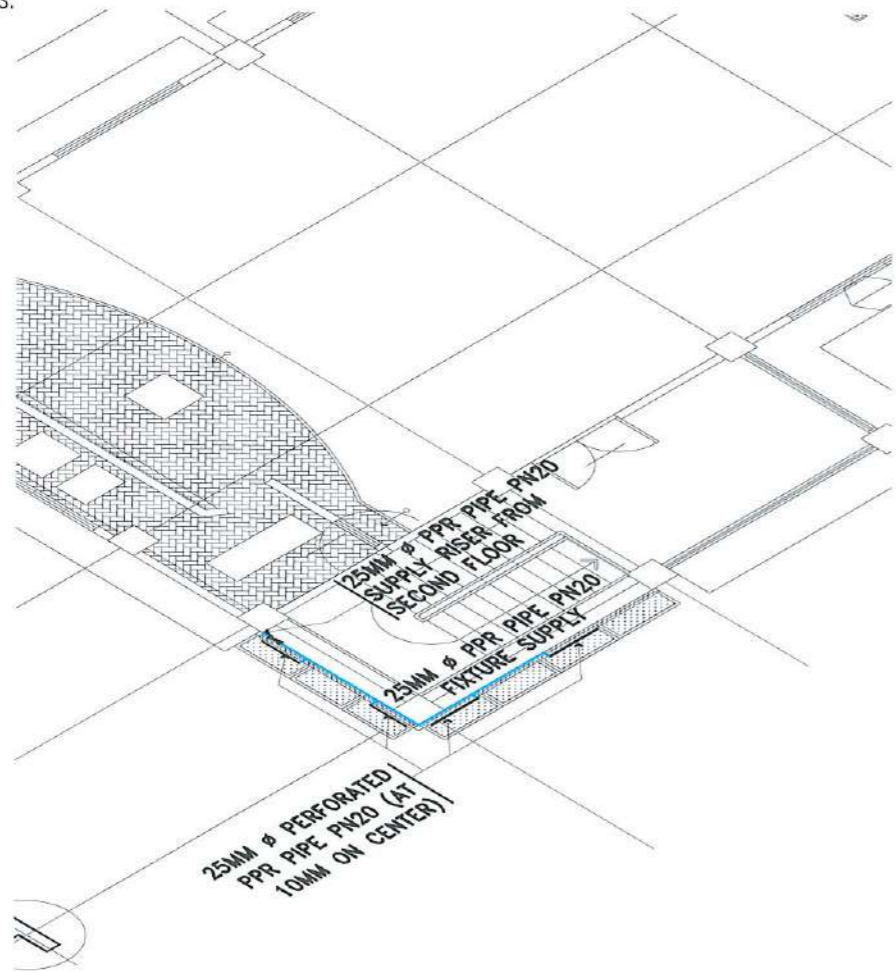


SECOND FLOOR ISOMETRIC VIEW (WATERLINE)

SCALE: 1:100 MTS

 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE:	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY:	AR. PAULO R. DOCTOR, RMP ARCHITECT, FDMO	CHECKED BY:	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY:	AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL:	DR. GRACE M. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:	DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS:	AS SHOWN	SHEET NO.:	P-12
	PROJECT LOCATION:	LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY															PAGE NO.:	148/163
																		DATE: SEPTEMBER 2023

- NOTE:
- ALL FIXTURE SUPPLY PIPES WILL BE 20MM Ø PPR PIPE PN20.
 - PROVIDE 300MM HIGH 25MM Ø PPR PIPE PN20 AIR CHAMBER WITH END CAP FOR EVERY LAVATORY, KITCHEN SINK, AND HOSE BIBBS.

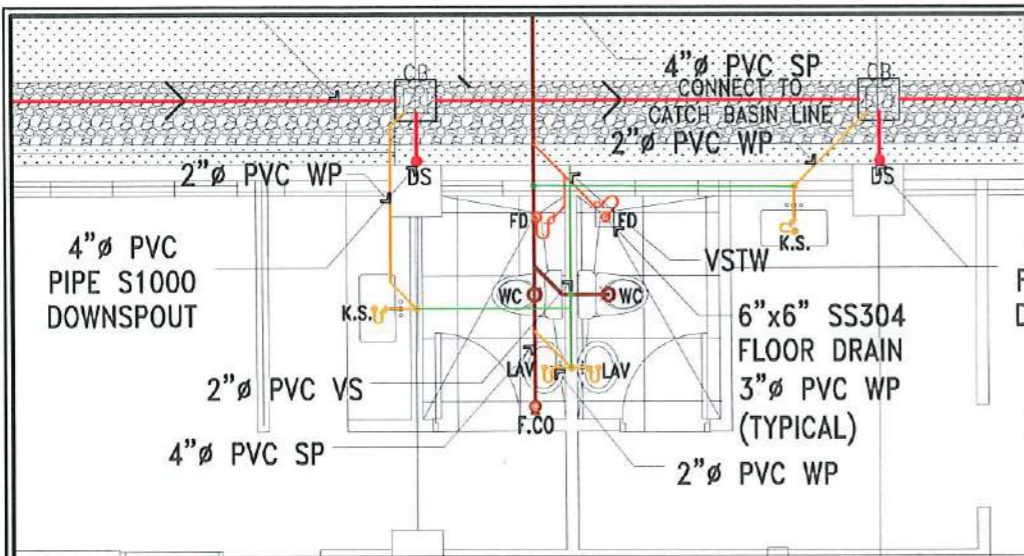


THIRD FLOOR ISOMETRIC VIEW (WATERLINE)
SCALE: 1:100 MTS



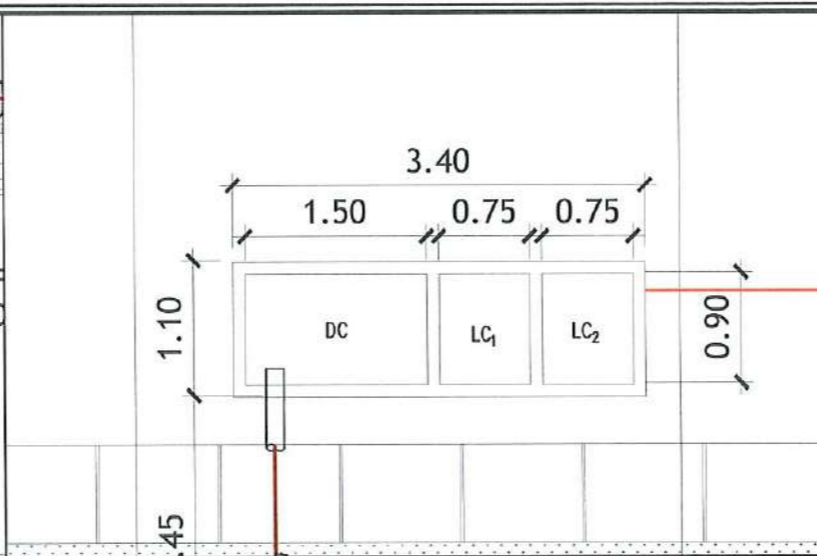
TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CABLENG DEAN, CPAB	AR. PAUL A. DOCTOR, RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-13
							DATE: SEPTEMBER 2023	PAGE NO: 149/163



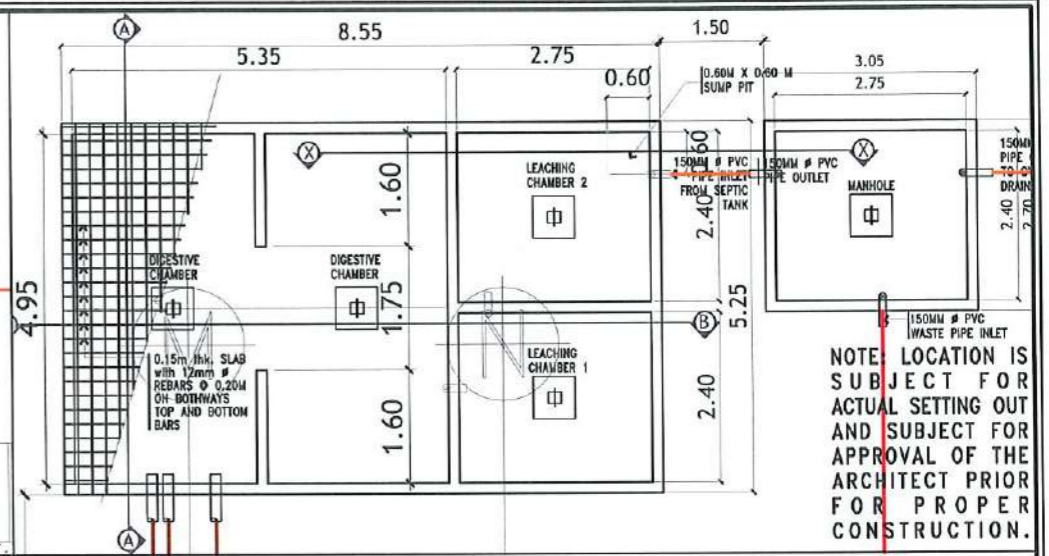
BLOW UP PLAN (CPAG OFFICE)

SCALE: NTS



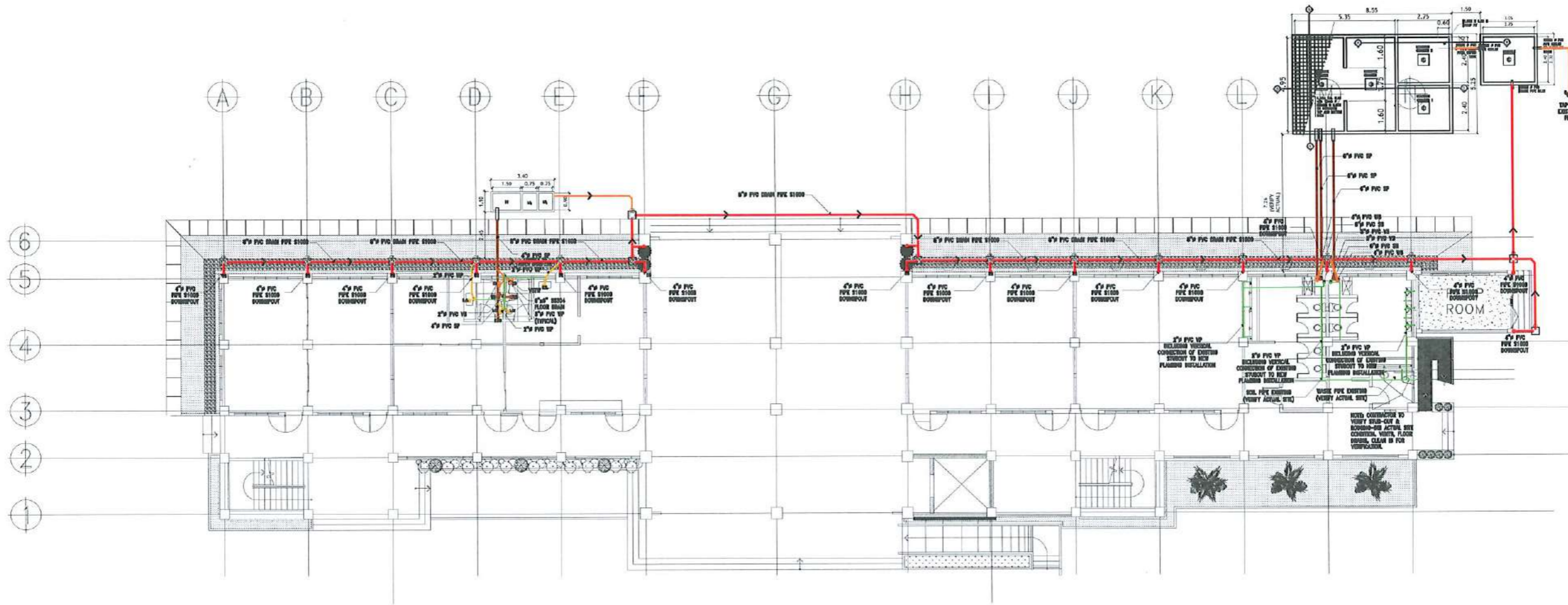
BLOW UP SEPTIC TANK PLAN

SCALE: NTS



BLOW UP MAIN SEPTIC TANK PLAN

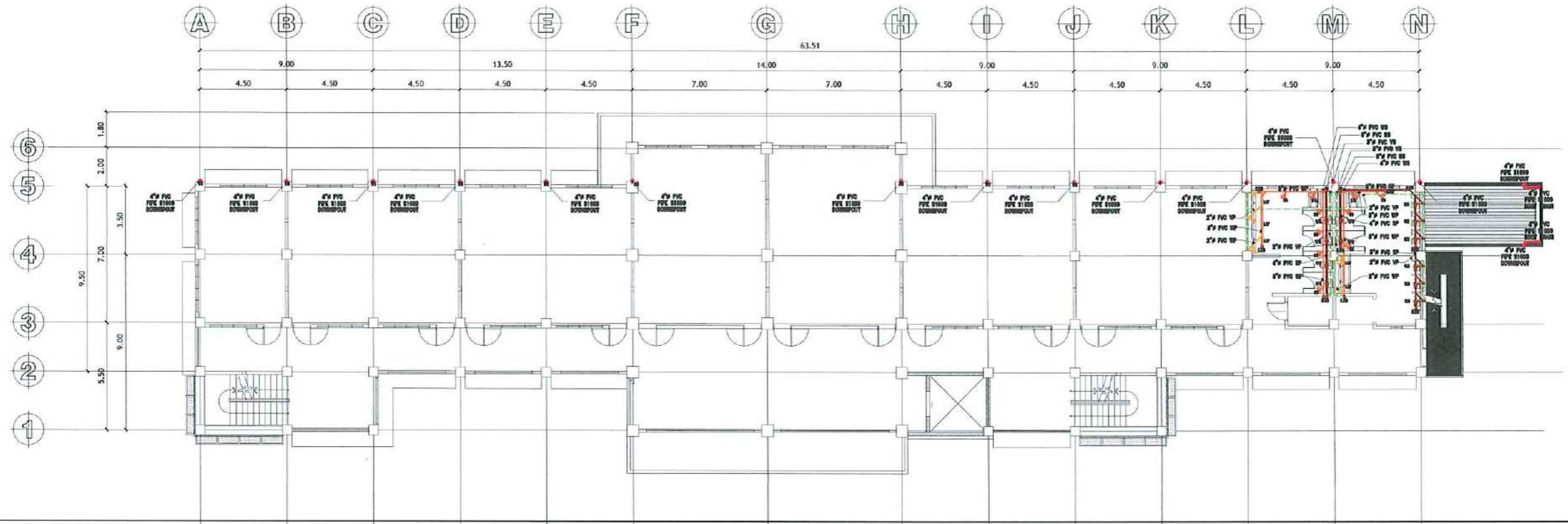
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GROUND FLOOR SANITARY LAYOUT

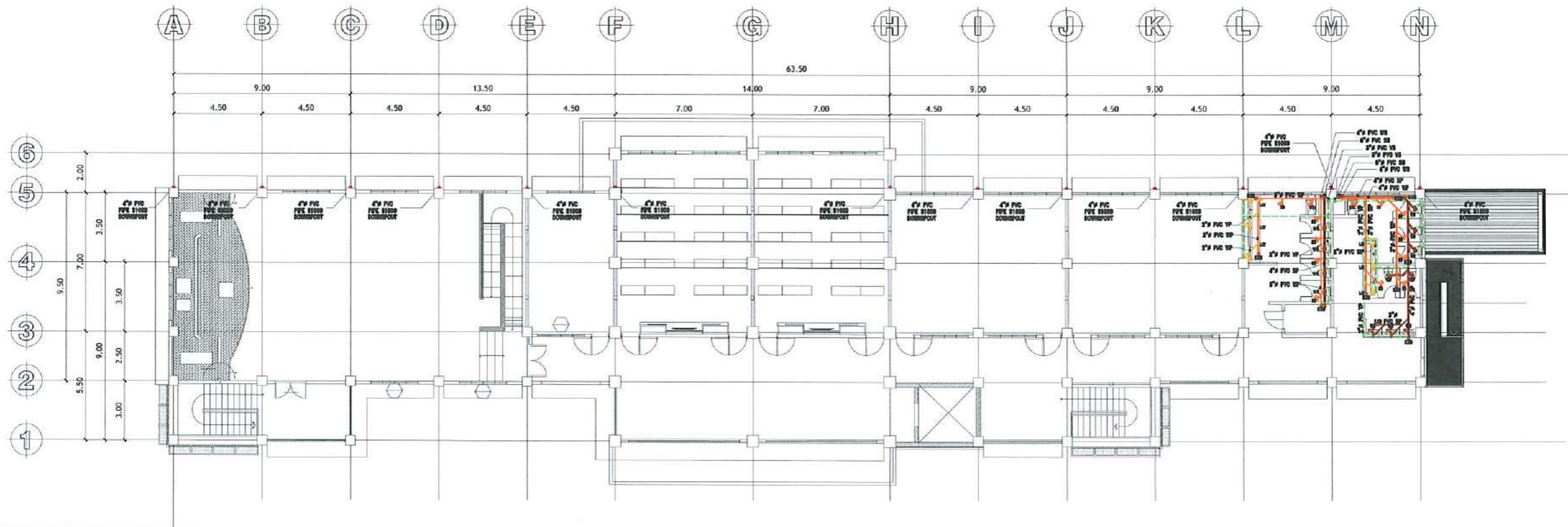
SCALE: 1: 250 MTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)								AS SHOWN	P-14
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY		DR. EDWIN T. CAOLENG DEAN, CPAG	AR. PAULO A. DOCTOR RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE: SEPTEMBER 2023	PAGE NO. 150/163



SECOND FLOOR SANITARY LAYOUT

SCALE: 1: 250 MTS



THIRD FLOOR SANITARY LAYOUT

SCALE: 1: 250 MTS



TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE:
COMPLETION OF COLLEGE OF PUBLIC ADMINISTRATION
AND GOVERNANCE BUILDING
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CACLENG
DEAN, CPAG

PREPARED BY:
AR. PAUL A. DOCTOR, RMP
ARCHITECT, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

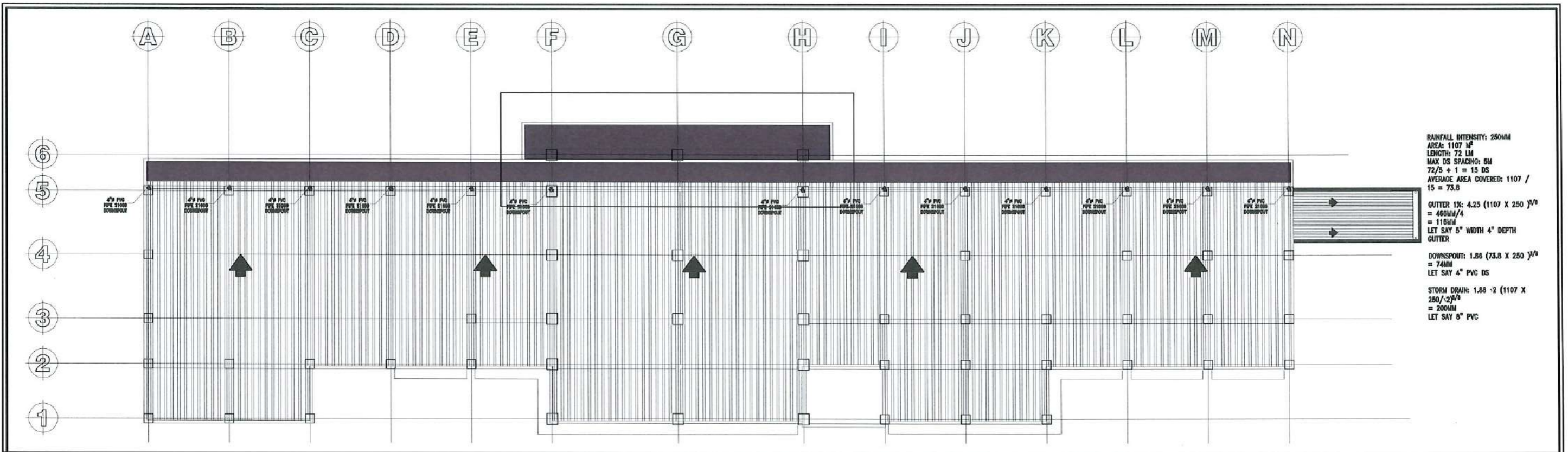
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACEN ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

SHEET CONTENTS:
AS SHOWN
DATE: JUNE 2023

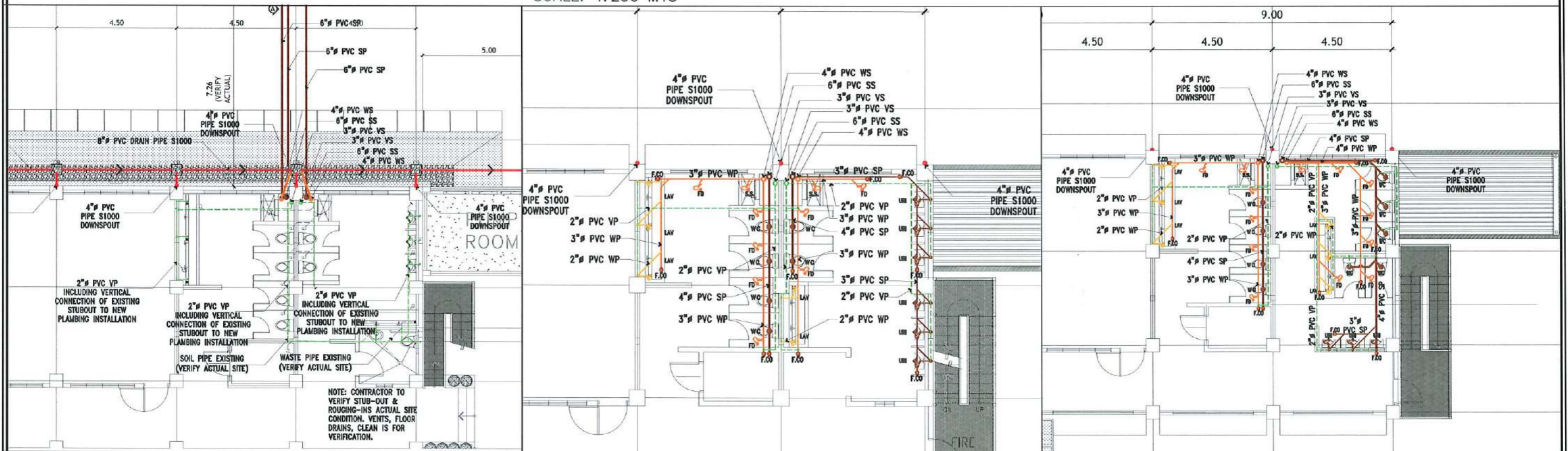
SHEET NO:
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RAINFALL INTENSITY: 250MM
 AREA: 1107 M²
 LENGTH: 72 LM
 MAX DS SPACING: 5M
 72/5 + 1 = 15 DS
 AVERAGE AREA COVERED: 1107 / 15 = 73.8
 GUTTER 1X: 4.25 (1107 X 250)^{3/4}
 = 465MM/4
 = 116MM
 LET SAY 5" WIDTH 4" DEPTH GUTTER
 DOWNSPOUT: 1.85 (73.8 X 250)^{3/4}
 = 74MM
 LET SAY 4" PVC DS
 STORM DRAIN: 1.85 · 2 (1107 X 250)^{3/4}
 = 200MM
 LET SAY 6" PVC

ROOF LEVEL STORM DRAINAGE LAYOUT

SCALE: 1:250 MTS



GROUND BLOW UP PLAN (SANITARY)

SCALE: 1:150 MTS





SECOND BLOW UP PLAN (SANITARY)

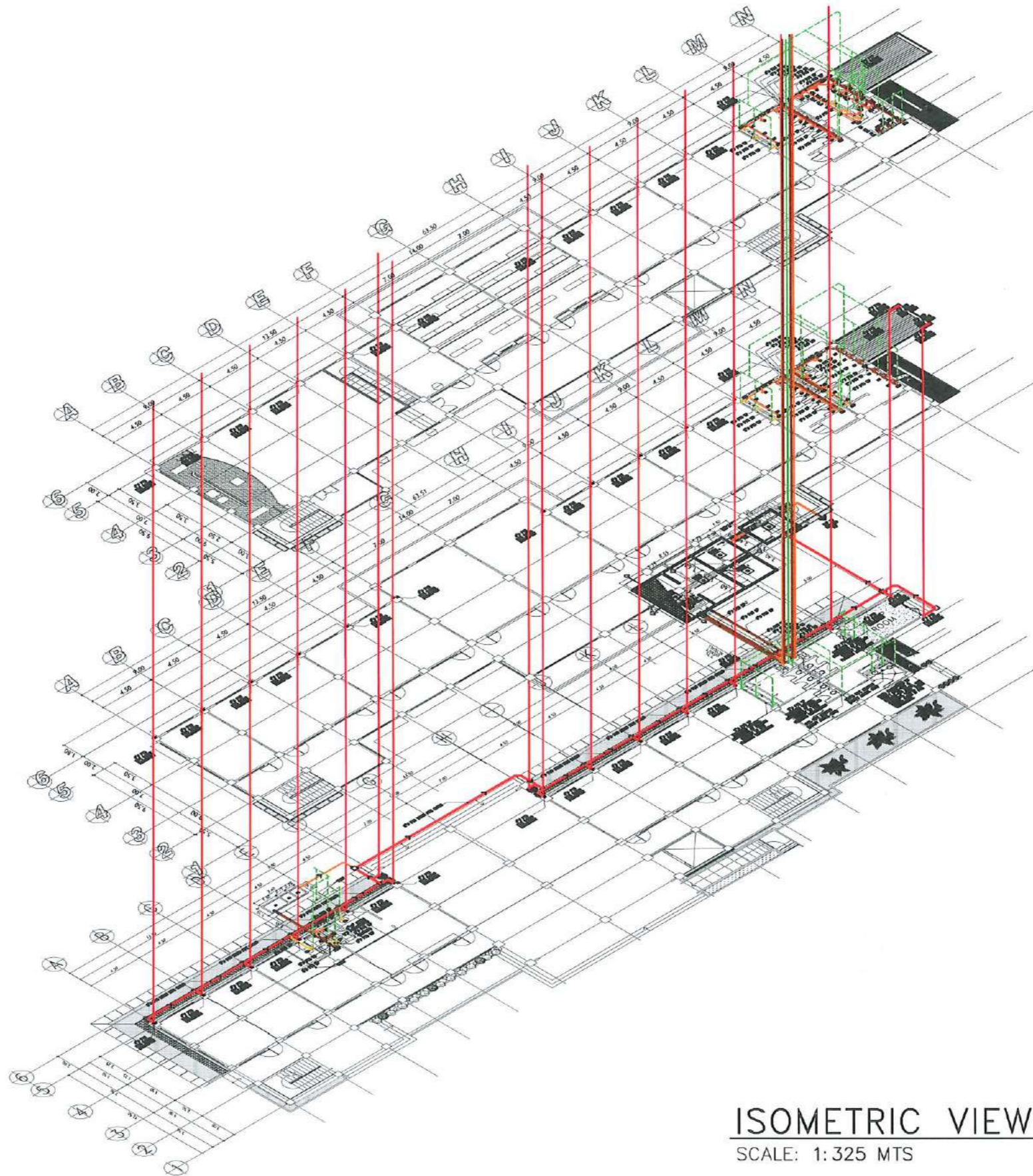
SCALE: 1:125 MTS

THIRD BLOW UP PLAN (SANITARY)

SCALE: 1:150 MTS

<p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	COMPLETION OF COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING	DR. EDWIN T. CAOLENG DEAN, CPAG	AR. RAUL A. DOCTOR, RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-16
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								PAGE NO. 152/173
								DATE: JUNE 2023	

LEGEND	
	SOIL PIPES
	WASTE PIPES
	VENT PIPES
	STORM DRAINAGE PIPES









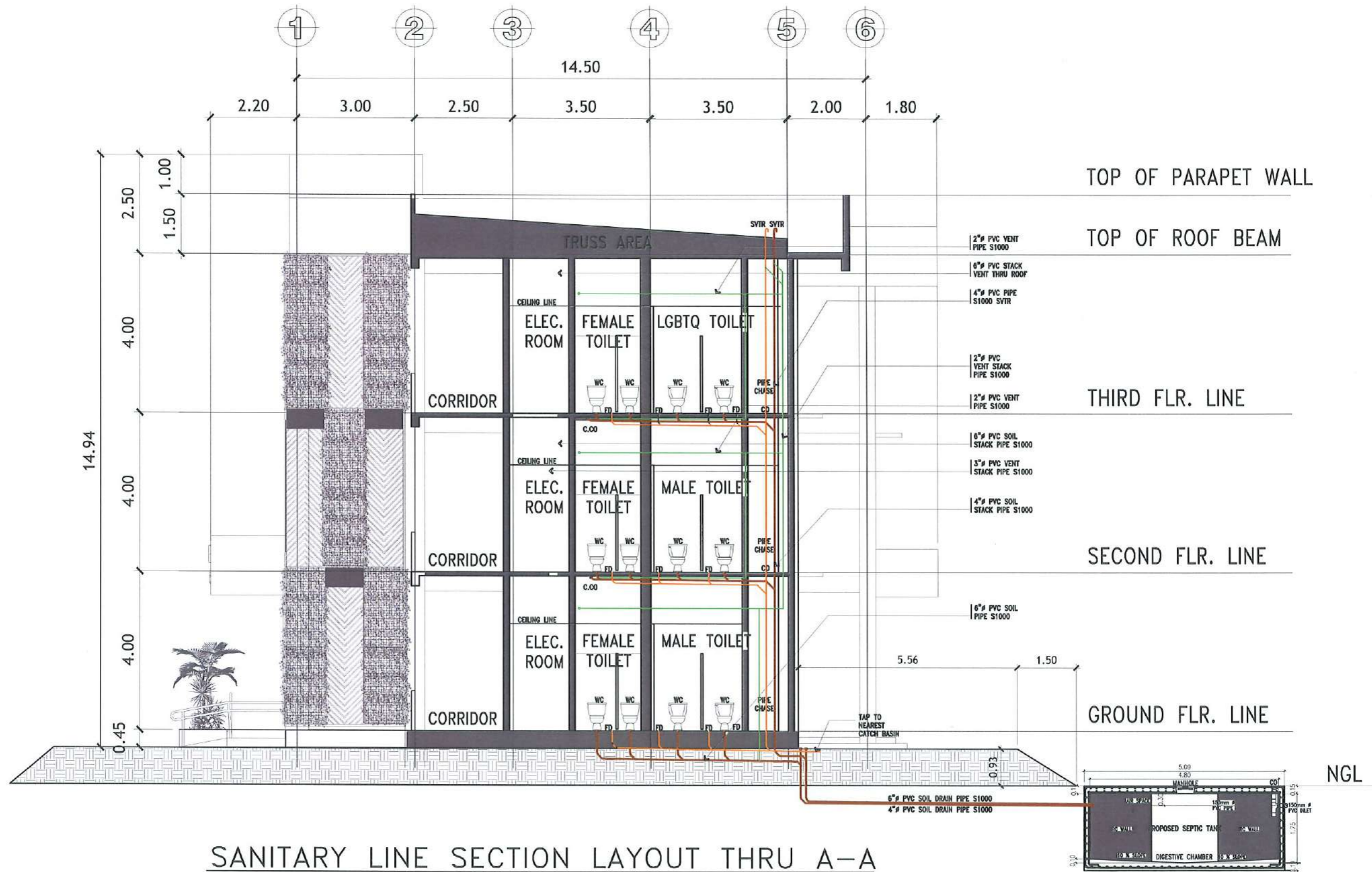
ISOMETRIC VIEW (SANITARY LINE)

SCALE: 1:325 MTS



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

PROJECT TITLE: COMPLETION OF COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING	REQUESTING OFFICE:  DR. EDWIN T. CAGLENG DEAN, CPAG	PREPARED BY:  AR. PAULO A. DOCTOR, RMP ARCHITECT, FDMO	CHECKED BY:  AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY:  AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL:  DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED:  DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: P-17
PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: JUNE 2023	PAGE NO: 153/173



SANITARY LINE SECTION LAYOUT THRU A-A

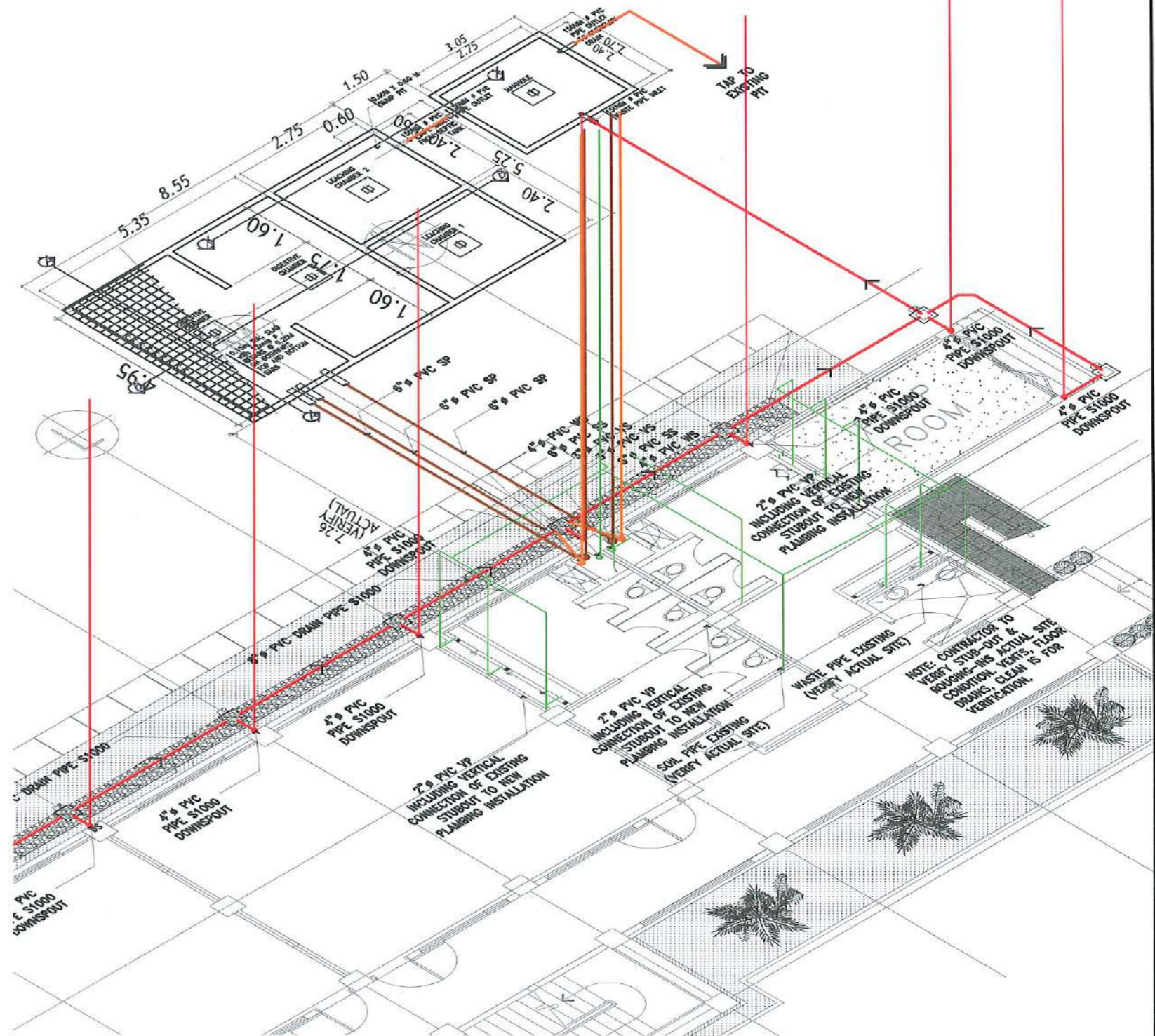
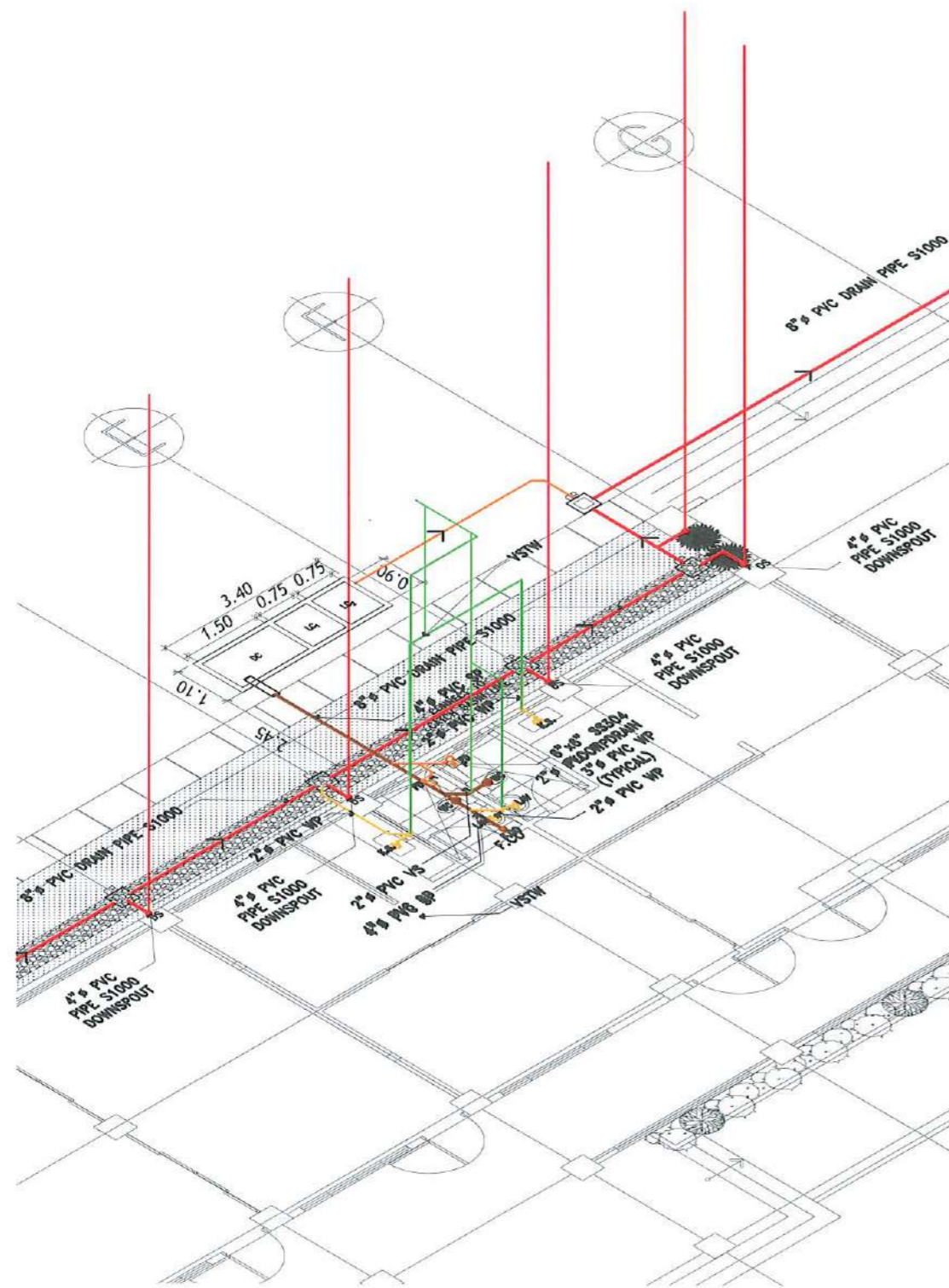
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TARLAC STATE UNIVERSITY
Facilities Development and
Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE: DR. EDWIN T. CAOLENG DEAN, CPAG	PREPARED BY: AR. PAUL A. DOCTOR, RMP ARCHITECT LEAD	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO.: P-18 PAGE NO.: 154/163
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DATE: SEPTEMBER 2023



GROUND FLOOR ISOMETRIC VIEW (SANITARY)

SCALE: 1:100 MTS



TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2100

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
Edwin T. Caoleng
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
Paulo A. Doctor
AR. PAULO A. DOCTOR, RMP
ARCHITECT, UMD

CHECKED BY:
Ar Arlen M. Guieb
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

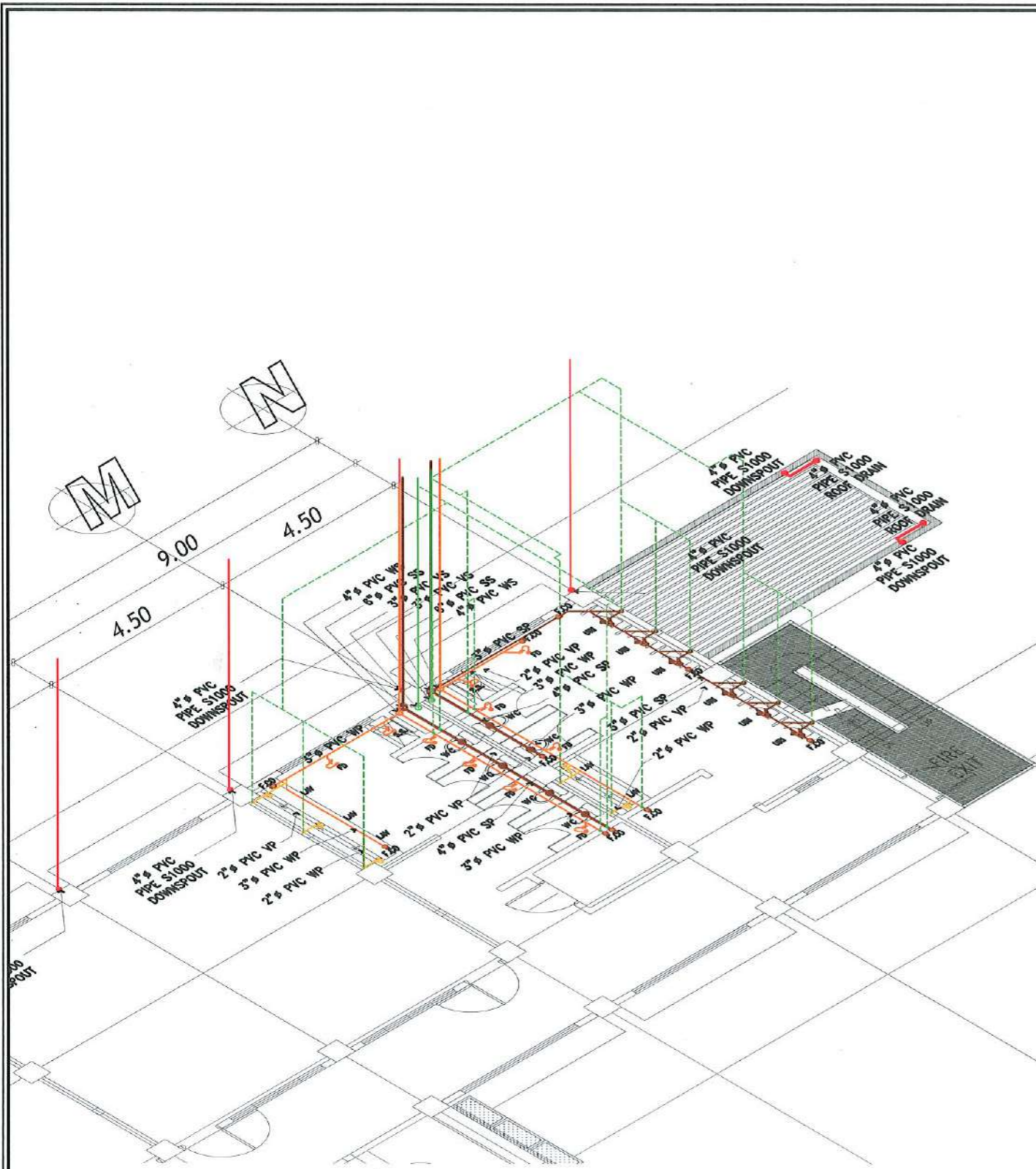
CERTIFIED BY:
Cherry L. Fabianes
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
Grace N. Rosete
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

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

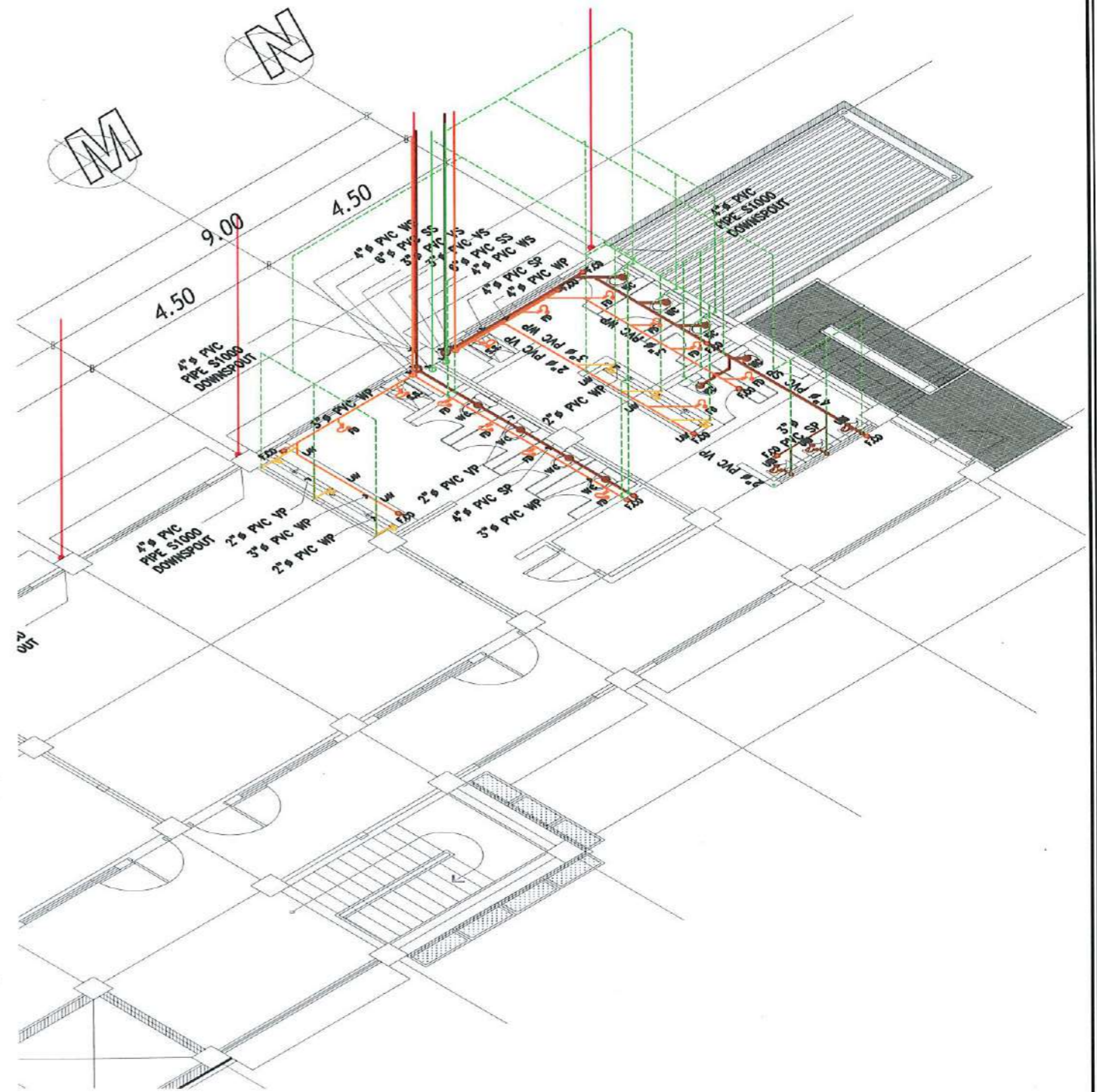
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DATE: SEPTEMBER 2023

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155/163



SECOND FLOOR ISOMETRIC VIEW (SANITARY)

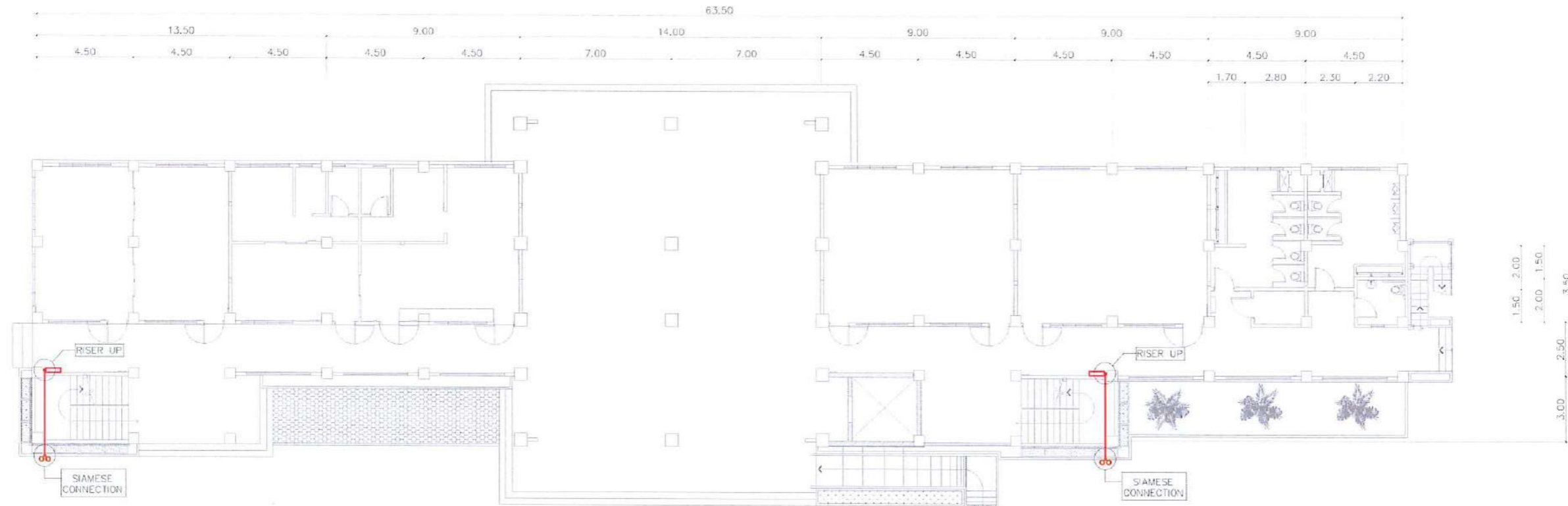
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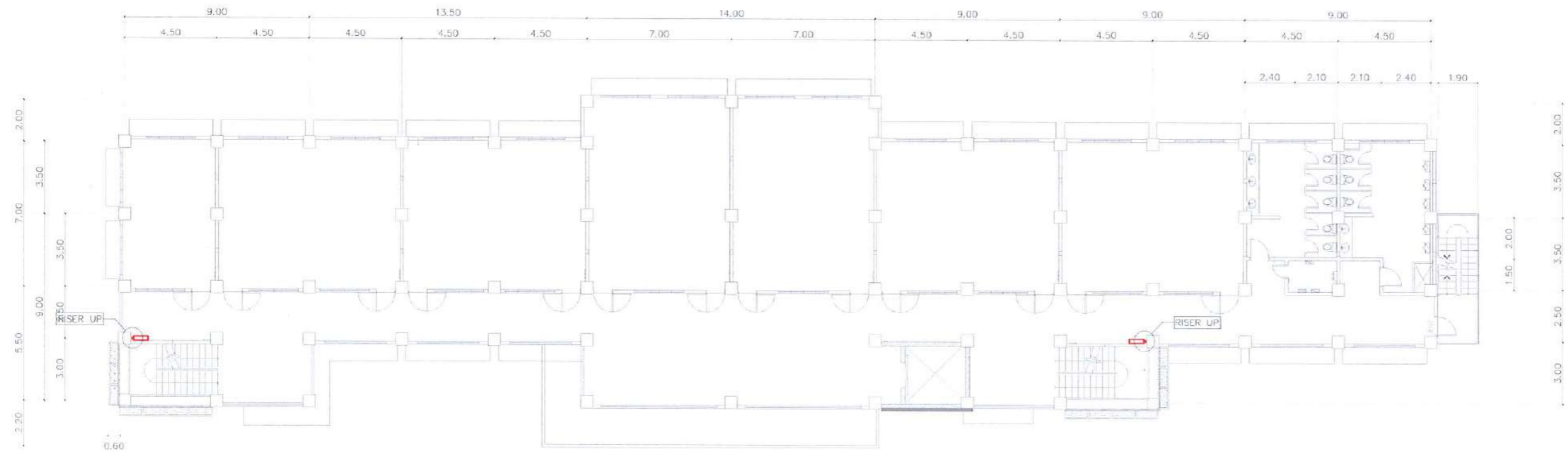
THIRD FLOOR ISOMETRIC VIEW (SANITARY)

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:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	COMPLETION OF COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING		DR. EDWIN T. CABLENG DEAN, CPAG	AR. RAUL A. TORON, RMP ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	P-20
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: JUNE 2023	PAGE NO: 156/173

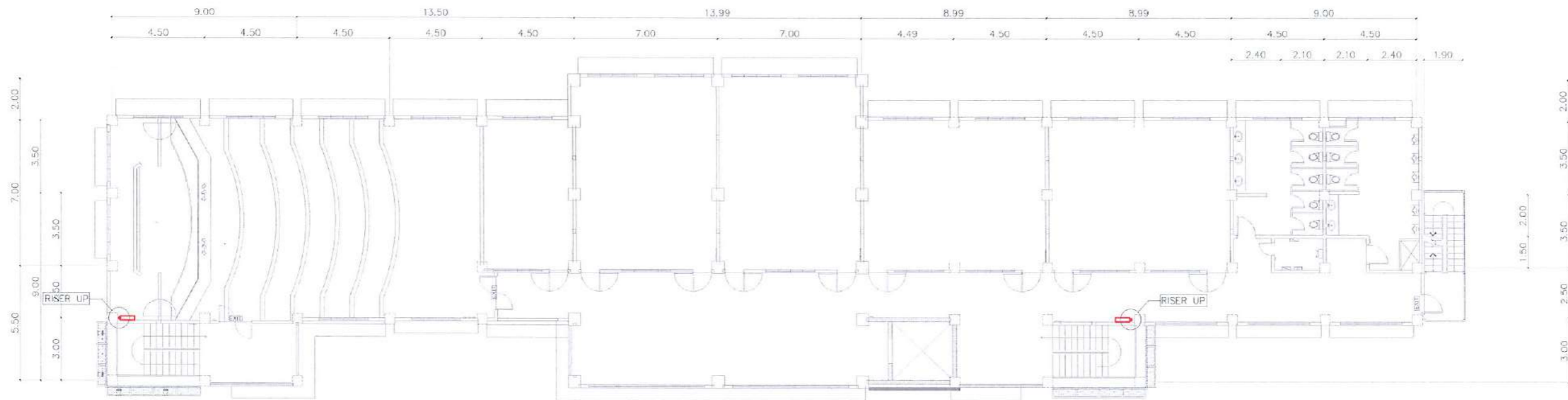


GROUND FLOOR DRY STAND PIPE PLAN
SCALE : 1:225

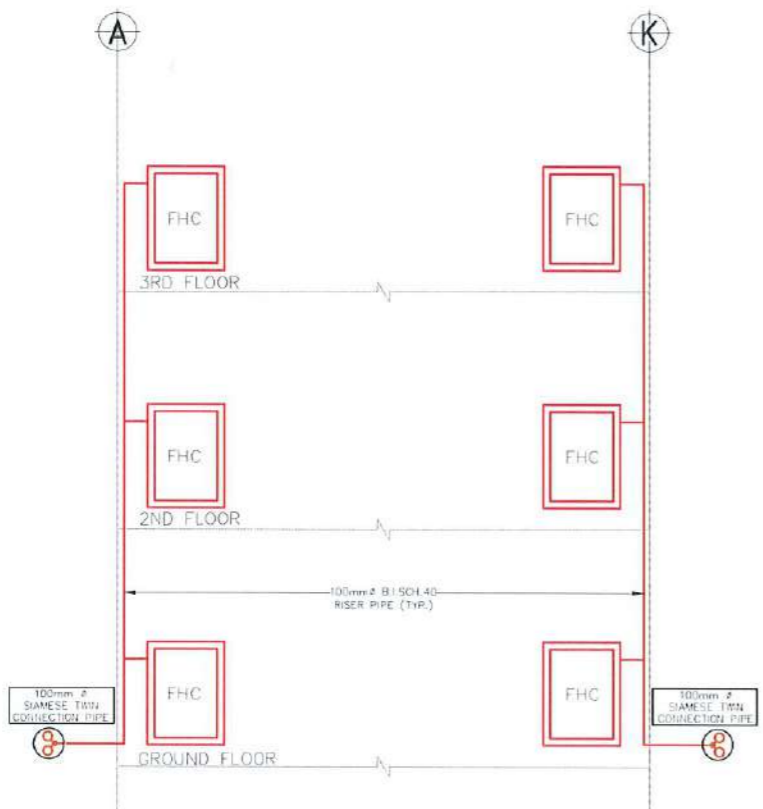


SECOND FLOOR DRY STAND PIPE PLAN
SCALE : 1:225

 <p>TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. BENVENIDO T. FONTANILLA III MECHANICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	M-01
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 157/163



THIRD FLOOR DRY STAND PIPE PLAN
SCALE : 1:225

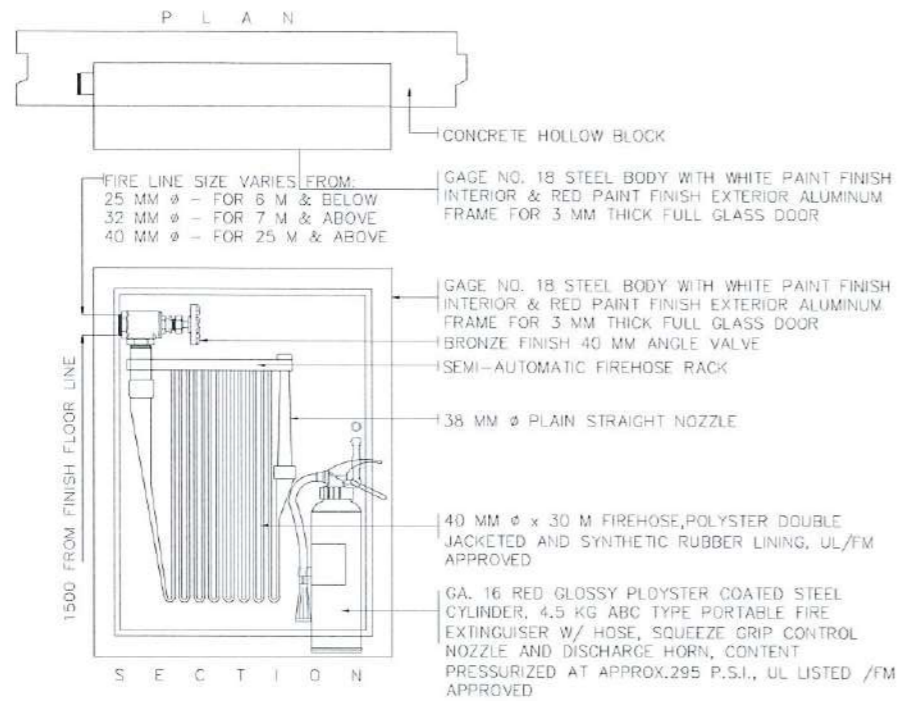


DRY STANDPIPE RISER DIAGRAM
SCALE : NTS

LEGENDS AND SYMBOLS:

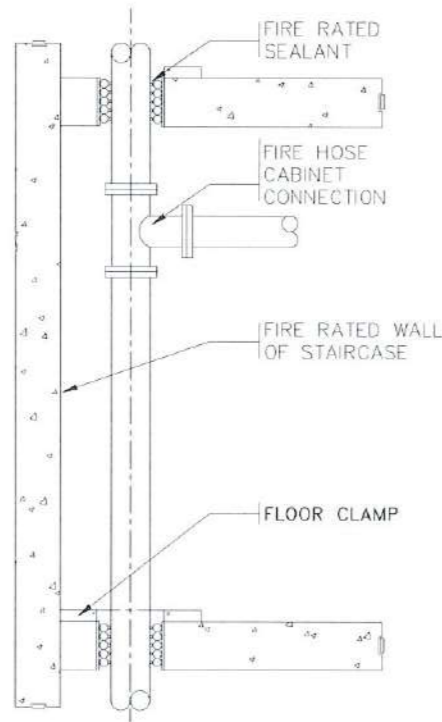


 TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)		DR. EDWIN T. CALENG DEAN, CPAG	ENGR. BENVENIDO T. FONTANILLA III MECHANICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN	M - 02
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY								DATE: SEPTEMBER 2023	PAGE NO: 158/163



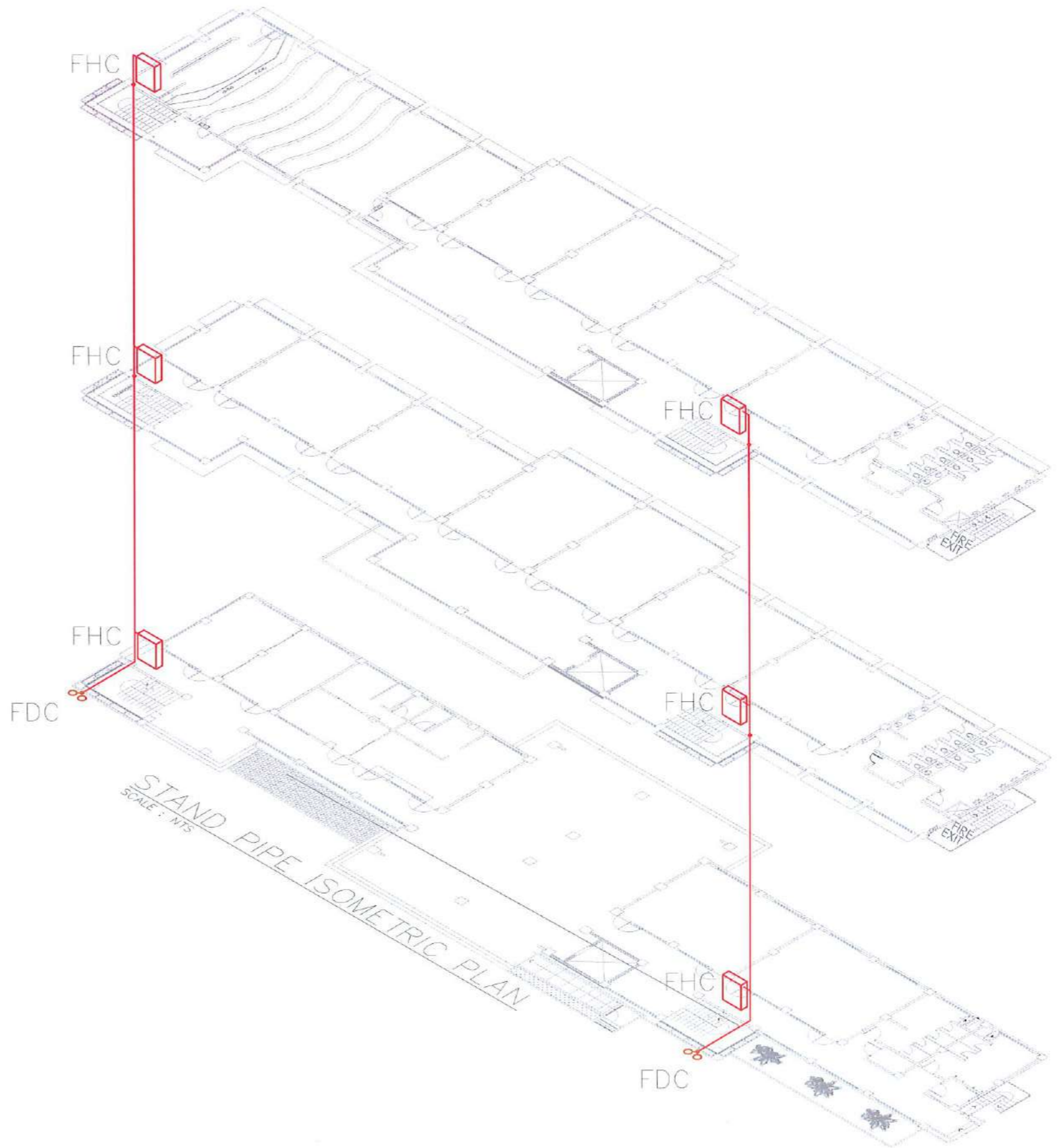
FIRE HOSE CABINET DETAIL

SCALE : NTS



PIPE RISER DETAIL

SCALE : NTS



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

PROJECT TITLE:
CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)
PROJECT LOCATION:
LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY

REQUESTING OFFICE:
DR. EDWIN T. CAOLENG
DEAN, CPAG

PREPARED BY:
ENGR. BIENVENIDO T. FONTANILLA III
MECHANICAL ENGINEER, FDMO

CHECKED BY:
AR. ARLEN M. GUIEB
PLANNING UNIT HEAD, FDMO

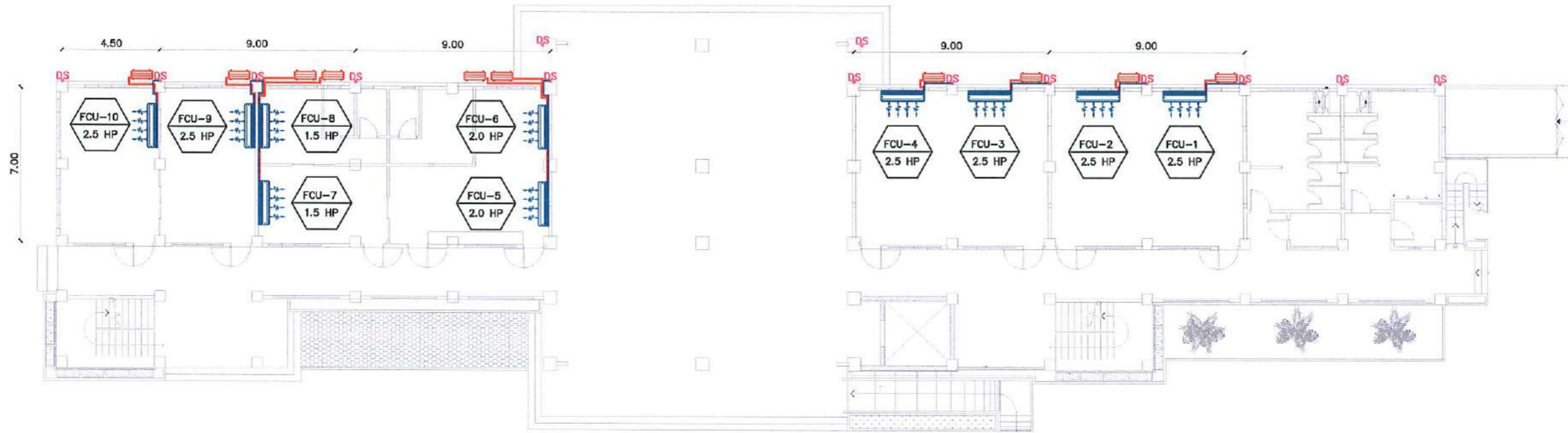
CERTIFIED BY:
AR. CHERRY L. FABIANES
DIRECTOR, FDMO

RECOMMENDING APPROVAL:
DR. GRACE N. ROSETE
VP ADMINISTRATION AND FINANCE

APPROVED:
DR. ARNOLD E. VELASCO
PRESIDENT

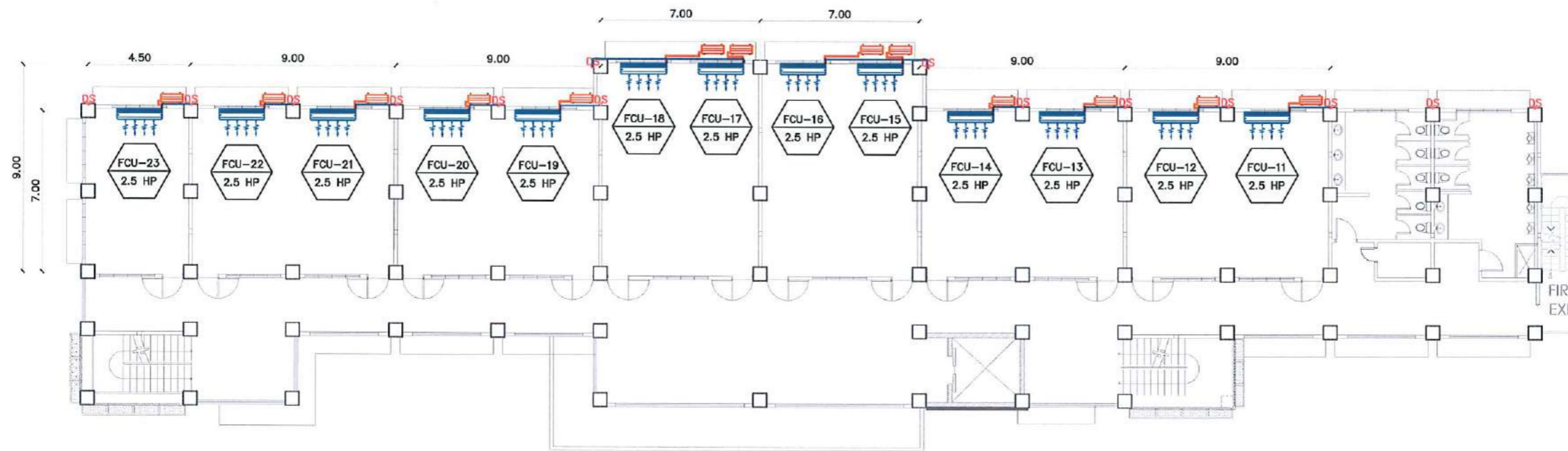
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AS SHOWN
DATE: SEPTEMBER 2023

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M -03
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159/163



GROUND FLOOR AIR CONDITIONING UNIT LAYOUT

SCALE : 1: 225



SECOND FLOOR AIR CONDITIONING UNIT LAYOUT

SCALE : 1: 225

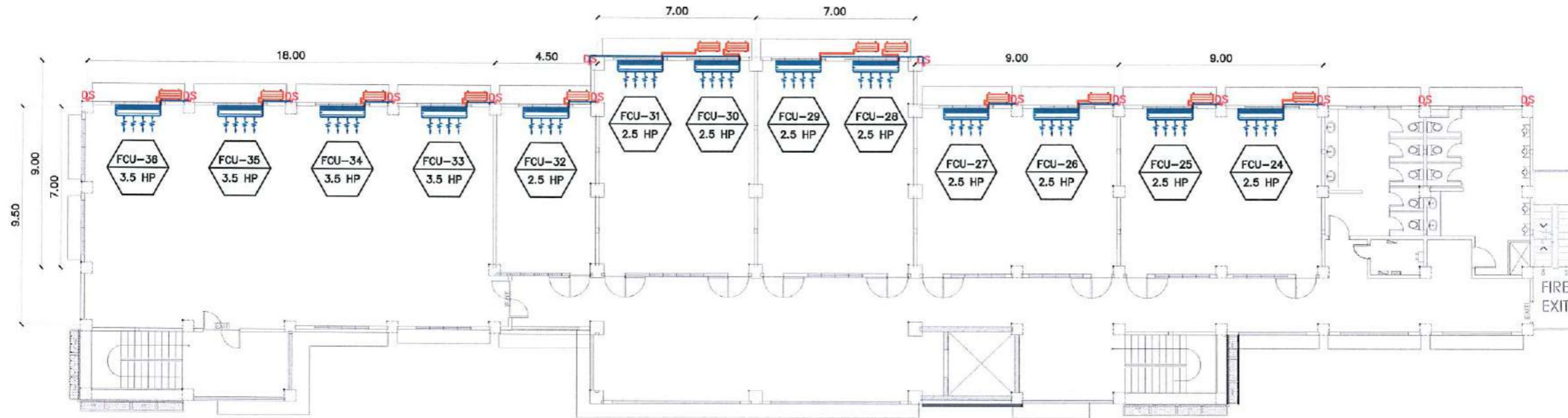


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Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE BUILDING (PHASE III)	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO.:
	PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY	DR. EDWIN T. CAOLENG DEAN, CPAG	ENGR. BIENVENIDO T. FONTANILLA III MECHANICAL ENGINEER, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMINISTRATION AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	AS SHOWN DATE: SEPTEMBER 2023

NOTES:

1. TYPE OF VIBRATION ISOLATOR SHALL BE REFER TO SPECIFICATION.
2. LOCATE CONDENSING UNIT SO THAT AIRFLOW IS UNRESTRICTED ON ALL SIDE AND ABOVE
3. ALLOW SUFFICIENT SPACE FOR WIRING, REFRIGERANT PIPING AND SERVICING UNIT
4. THE SOLENOID VALVE SHALL BE INSTALLED IN THE UNIT THAT IS 3 TONNAGE COOLING OR LARGER




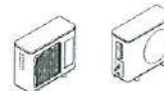


THIRD FLOOR AIR CONDITIONING UNIT LAYOUT
SCALE : 1:225

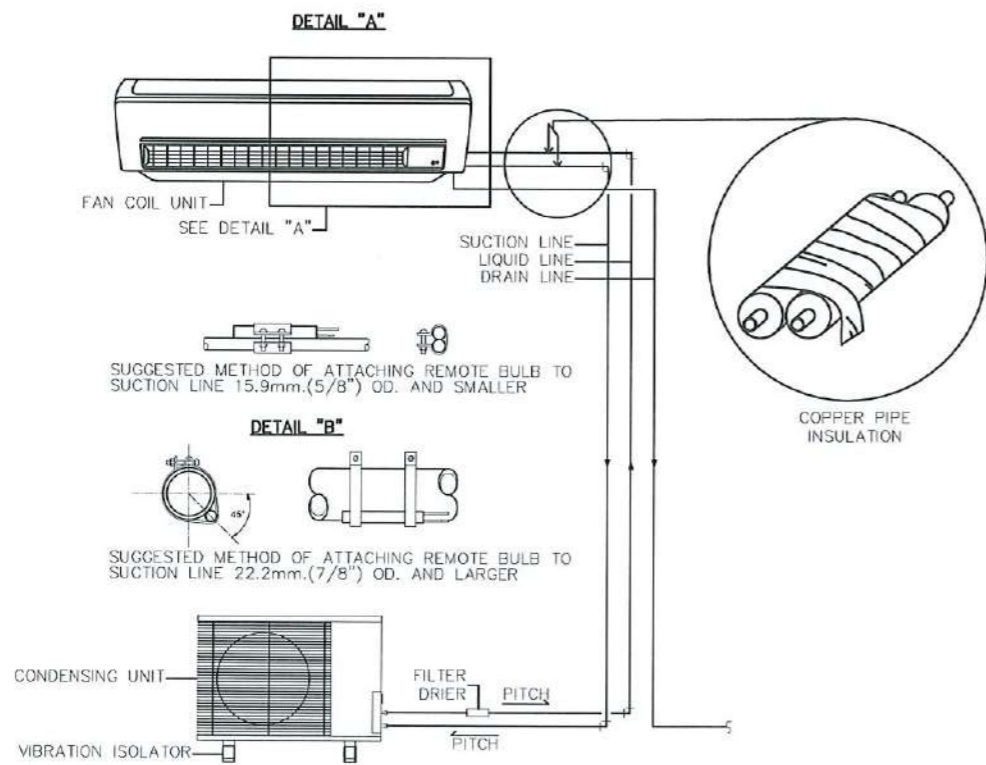
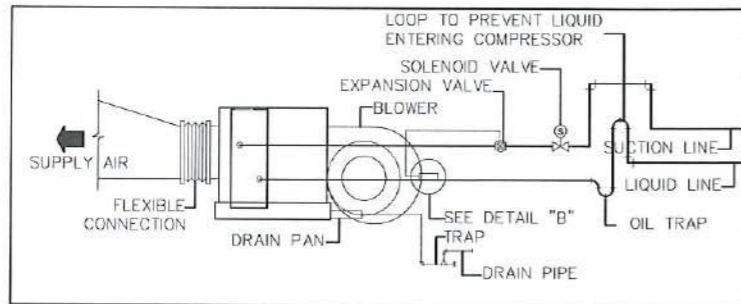


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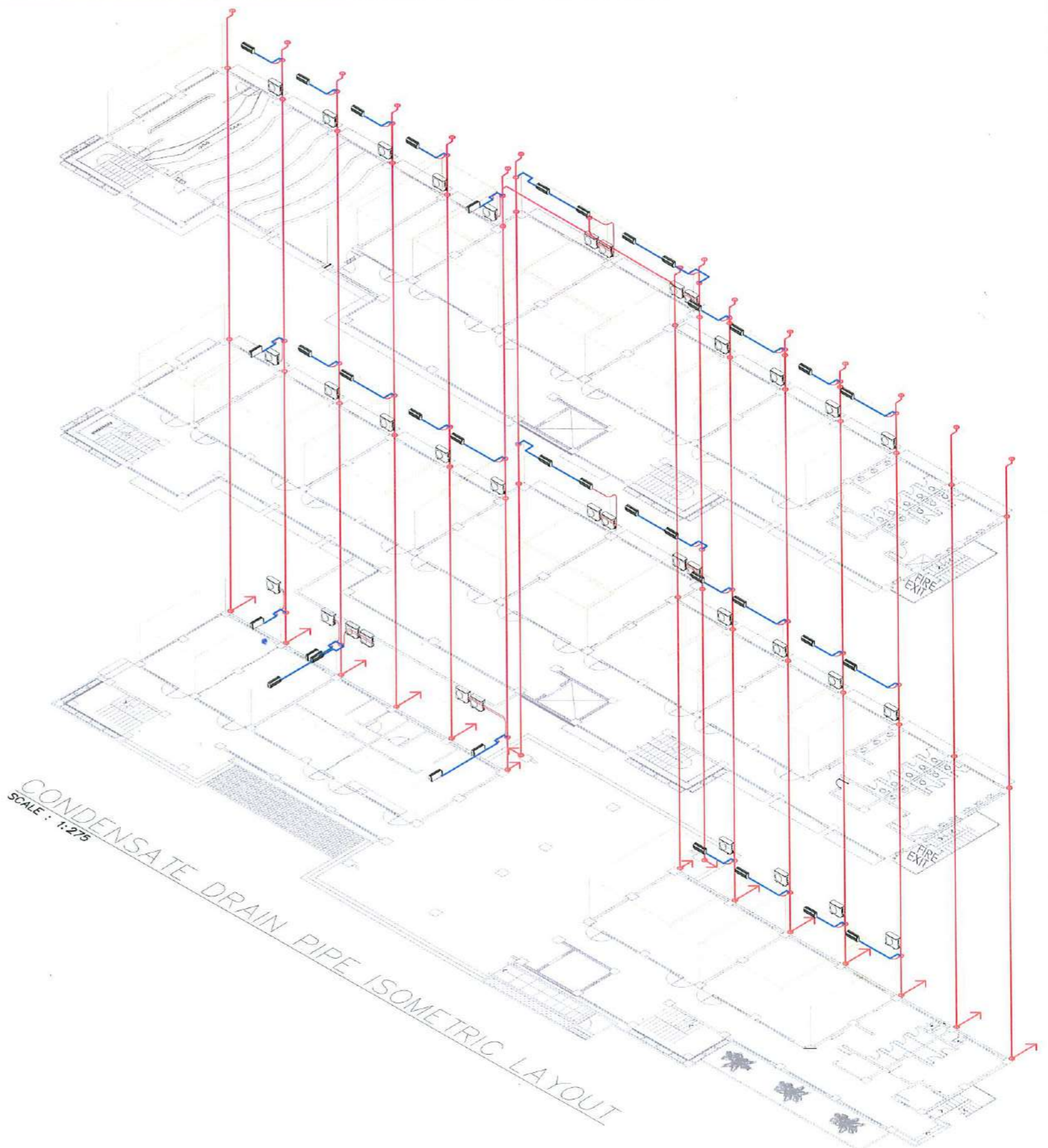
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PROJECT LOCATION: LUCINDA EXTENSION CAMPUS, TARLAC STATE UNIVERSITY							DATE: SEPTEMBER 2023	

LEGENDS AND SYMBOLS

-  - AC INDOOR UNIT (FCU)
-  - AC OUTDOOR UNIT (ACCU)
-  - 1/2" PVC DRAIN PIPE
-  - PVC DOWN SPOUT



TYPICAL SPLIT TYPE AIR CONDITIONING UNIT
SCALE : NTS



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DATE: SEPTEMBER 2023							PAGE NO.: 163/163	