



# STUDY AREA PERSPECTIVE



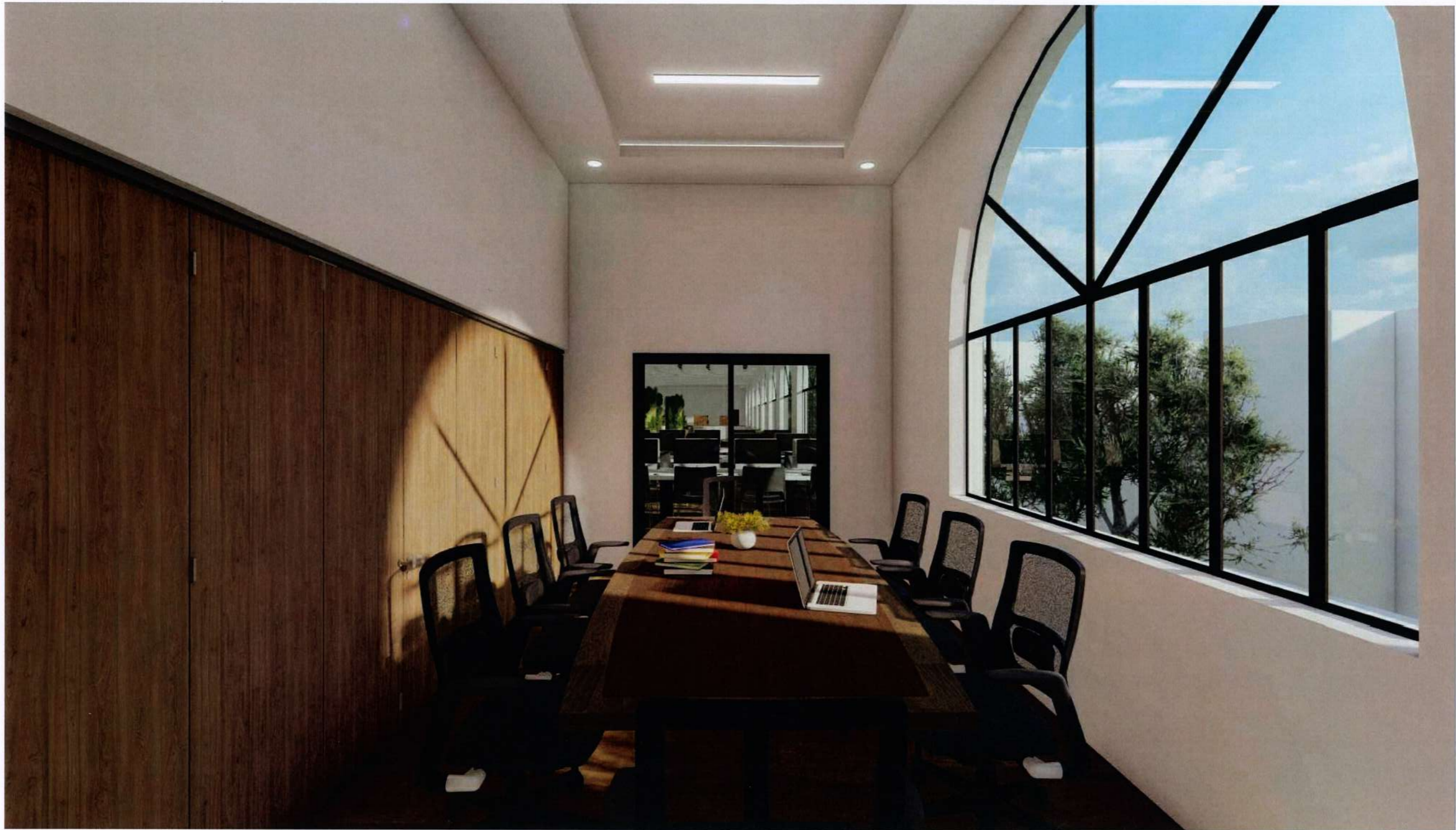
**TARLAC STATE UNIVERSITY**  
 Facilities Development and  
 Management Office  
 Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE: REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY	REQUESTING OFFICE:  MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	PREPARED BY:  AR. MARK ANTHONY L. PUNZALAN 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 ADMIN AND FINANCE	APPROVED:  DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: A-01
PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE:	PAGE NO: 1/21






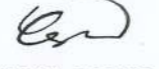






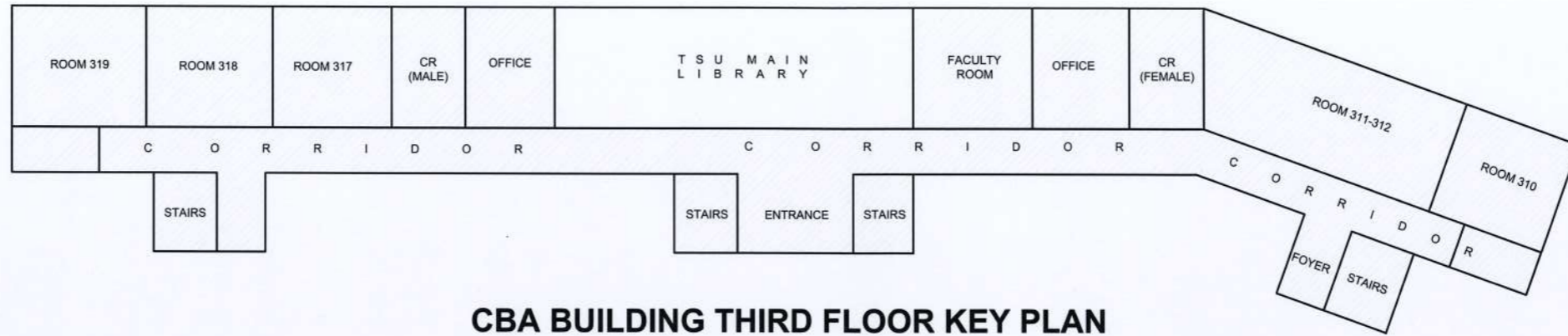




# DISCUSSION ROOM PERSPECTIVE

  <p><b>TARLAC STATE UNIVERSITY</b> 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:
	REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY							AS SHOWN	A-03
	PROJECT LOCATION:	MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	AR. MARK ANTHONY L. PUNZALAN ARCHITECT, FDMO	AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMIN AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE:	PAGE NO: 3/21

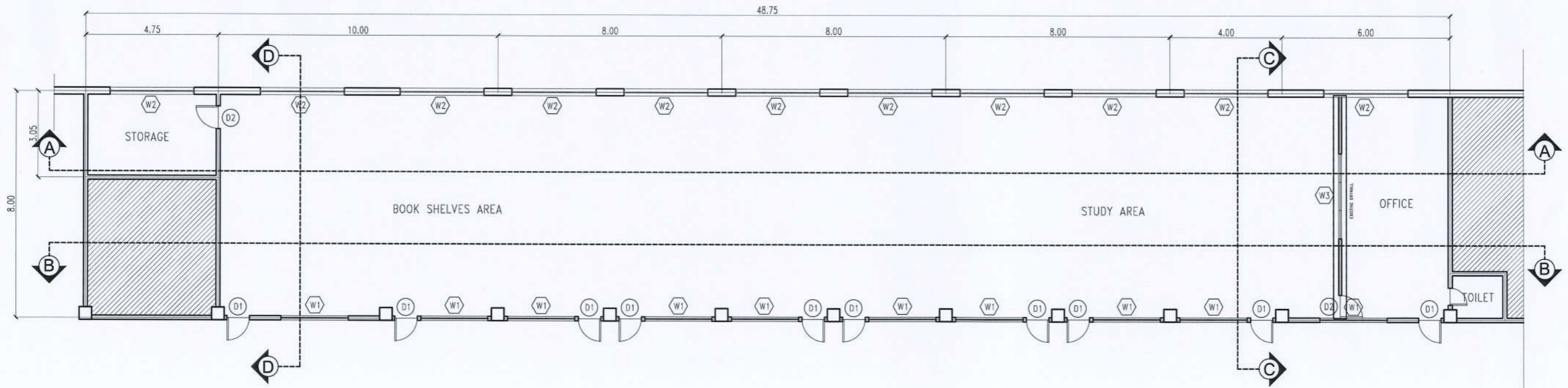




**CBA BUILDING THIRD FLOOR KEY PLAN**

**NOTE:**

- ALL EXISTING DRYWALL PARTITIONS, CEILING, FLOOR TILES, DOORS AND WINDOWS WILL BE DEMOLISHED AND REPLACED.
- DOORS AND WINDOWS ALONG HALLWAY, AFFECTED BY THE DEMOLITION WILL BE INCLUDED IN MASONRY AND PLASTERING.



**MAIN LIBRARY EXISTING FLOOR PLAN**

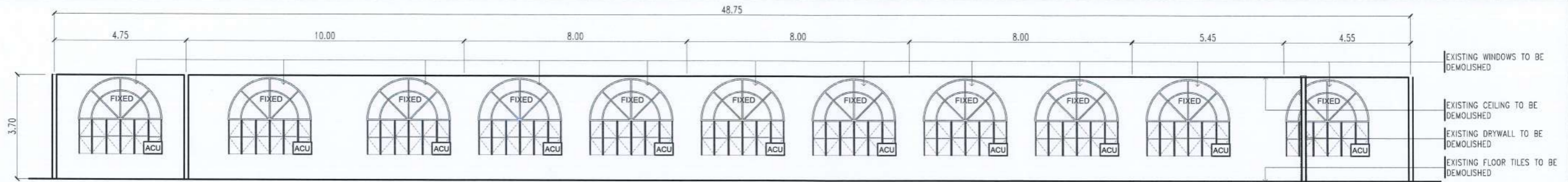
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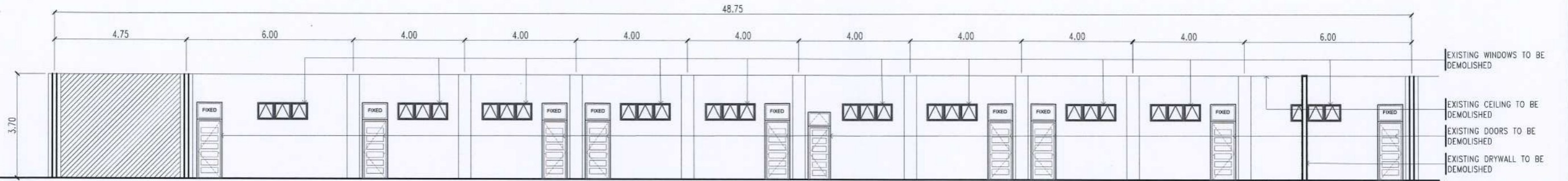
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PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE: 4/21	PAGE NO: 4/21





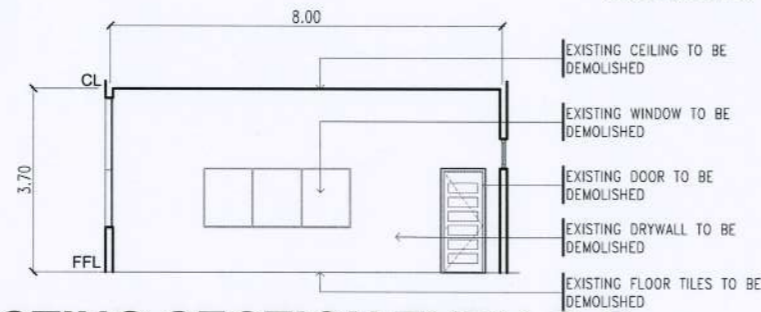
### EXISTING SECTION THRU A-A

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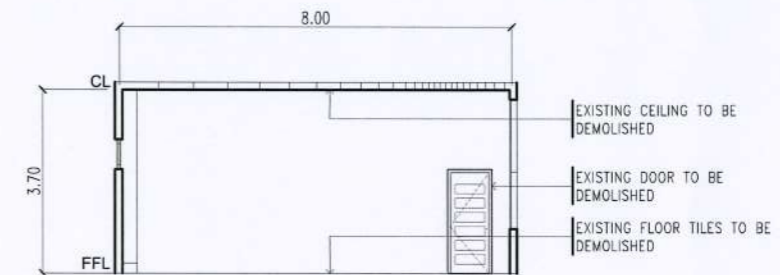
### EXISTING SECTION THRU B-B

SCALE 1:150 MTS.



### EXISTING SECTION THRU C-C

SCALE 1:150 MTS.



### EXISTING SECTION THRU D-D

SCALE 1:150 MTS.

### SCHEDULE OF EXISTING DOORS AND WINDOWS

D1	D2	W1	W2	W3
10 SETS	2 SETS	10 SETS	11 SETS	1 SET
WOODEN PANEL DOOR	WOODEN PANEL DOOR	STEEL CASEMENT WINDOW	STEEL CASEMENT WINDOW	STEEL CASEMENT WINDOW



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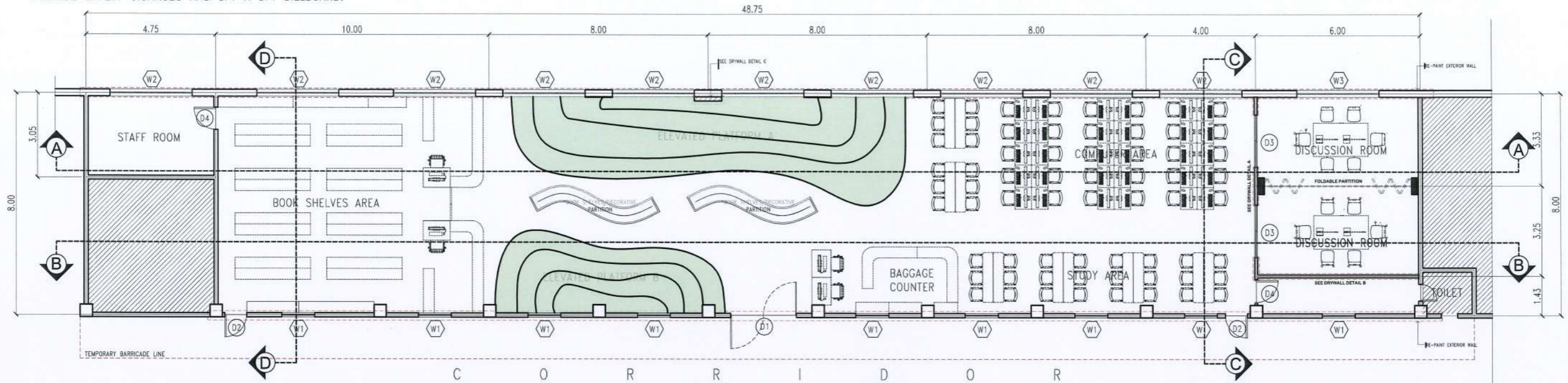


**SITE INSTRUCTION:**

- PROVIDE TEMPORARY BARRICADE/COVER IN THE PERIMETER CONSTRUCTION AREA USING PLYWOOD WITH STABLE FRAME. DO NOT USE "BLUE SACK".
- KEEP THE CORRIDOR ALWAYS SAFE AND ACCESSIBLE FOR THE TSU STAFF/STUDENTS DURING CONSTRUCTION.
- PROVIDE SAFETY SIGNAGES AND 8FT X 8FT BILLBOARD.

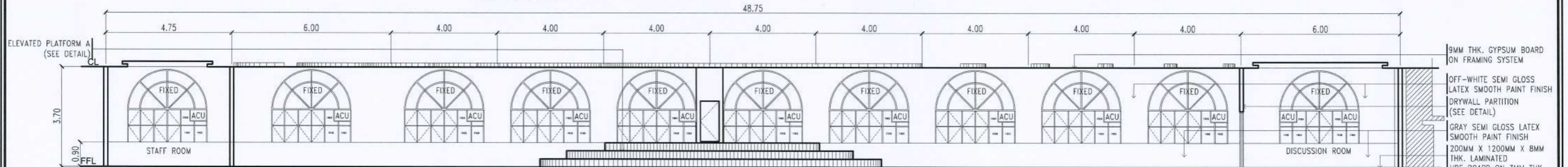
**NOTE:**

- FURNITURE SHOWN AREA FOR LAYOUT PURPOSED ONLY EXCEPT FOR \*BOOK SHELVES/DECORATIVE PARTITION



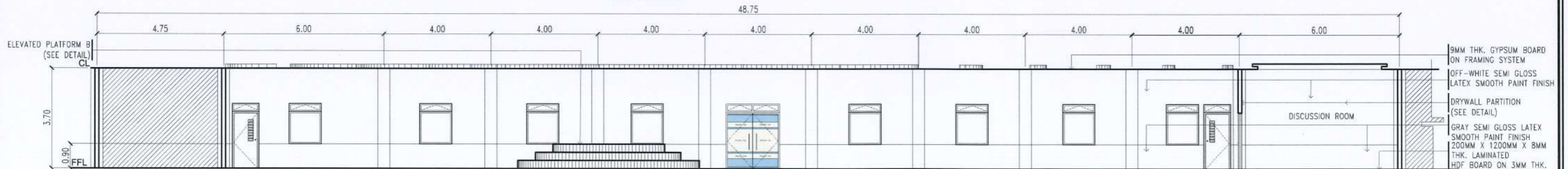
**PROPOSED TSU MAIN LIBRARY FLOOR PLAN**

SCALE 1:150 MTS.



**SECTION THRU A-A**

SCALE 1:150 MTS.



**SECTION THRU B-B**

SCALE 1:150 MTS.

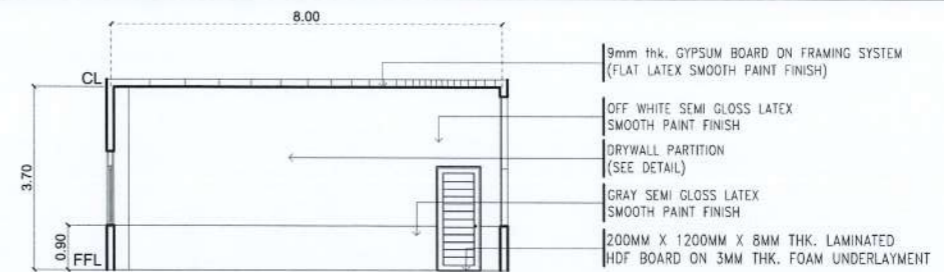
<p><b>TARLAC STATE UNIVERSITY</b> Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300</p>	PROJECT TITLE:	REQUESTING OFFICE:	PREPARED BY:	CHECKED BY:	CERTIFIED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENTS:	SHEET NO:	
	REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY		<i>Cecor</i>	<i>Mark Anthony L. Punzalan</i>	<i>Ambasi</i>	<i>Car</i>	<i>Grace N. Rosete</i>	<i>Arnold E. Velasco</i>	AS SHOWN	A-06
	PROJECT LOCATION:		MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	AR. MARK ANTHONY L. PUNZALAN ARCHITECT, FDMO	AR: ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	AR. CHERRY L. FABIANES DIRECTOR, FDMO	DR. GRACE N. ROSETE VP ADMIN AND FINANCE	DR. ARNOLD E. VELASCO PRESIDENT	DATE:	6/21





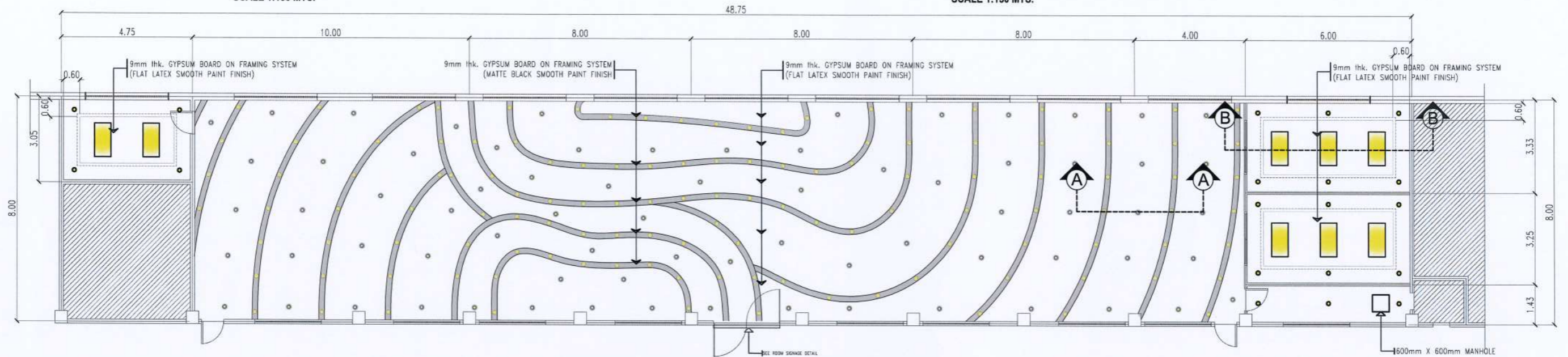
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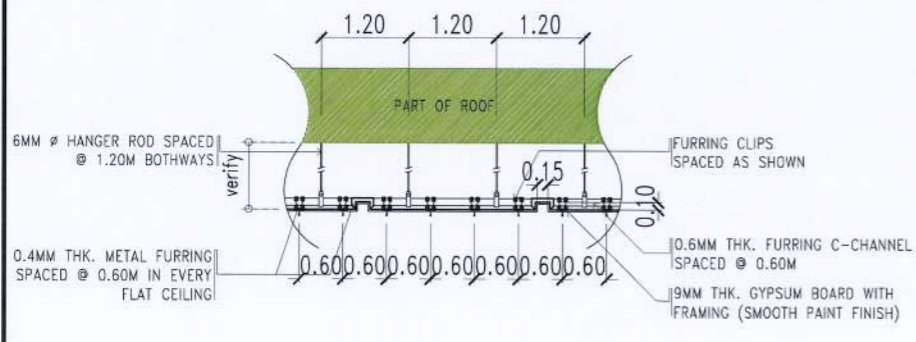
### SECTION THRU D-D

SCALE 1:150 MTS.



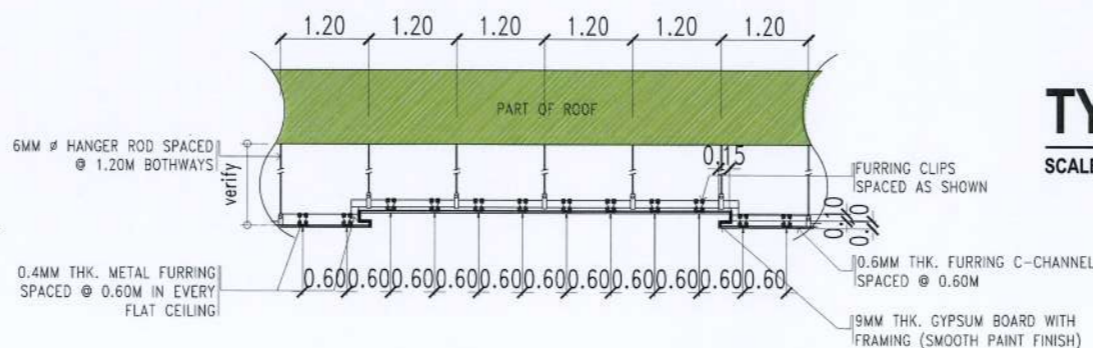
### REFLECTED CEILING PLAN

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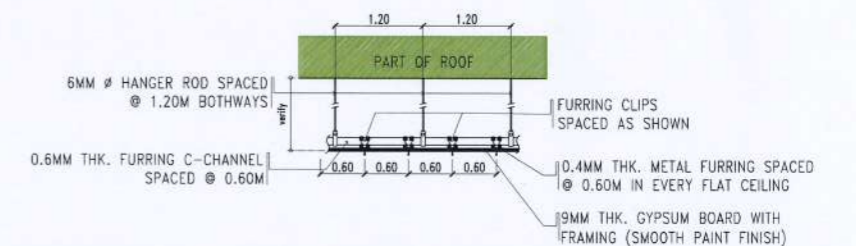
### CEILING SECTION THRU A-A

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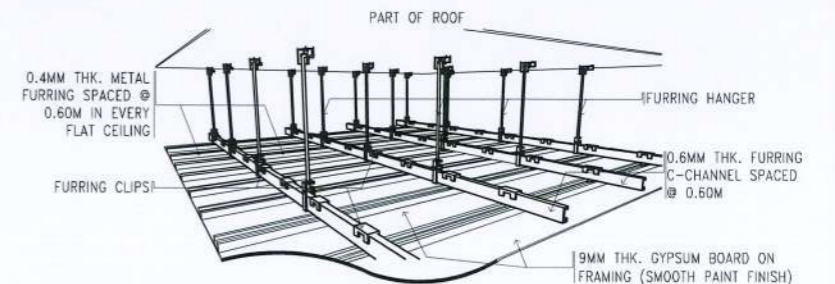
### CEILING SECTION THRU B-B

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### TYPICAL CEILING SECTION DETAIL

SCALE 1:100 MTS.



### CEILING ISOMETRIC DETAIL

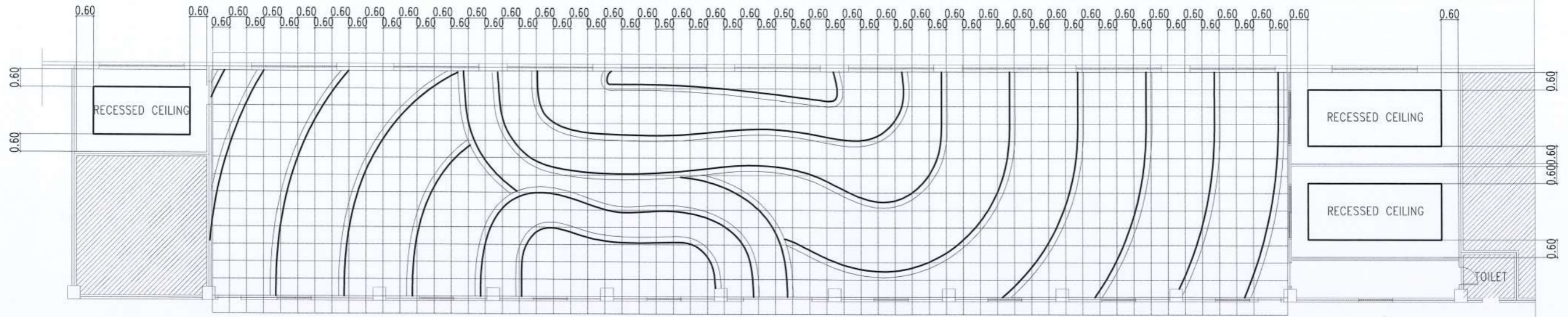
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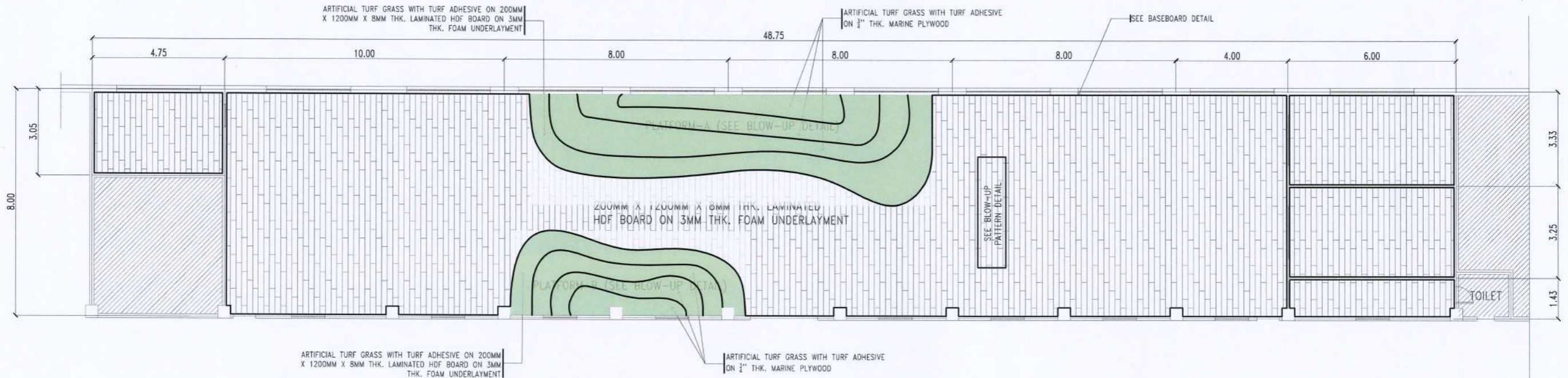
PROJECT TITLE: REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY	REQUESTING OFFICE: MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	PREPARED BY: AR. MARK ANTHONY L. PUNZALAN ARCHITECT, FDMO	CHECKED BY: AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMO	CERTIFIED BY: AR. CHERRY L. FABIANES DIRECTOR, FDMO	RECOMMENDING APPROVAL: DR. GRACE N. ROSETE VP ADMIN AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: A-07
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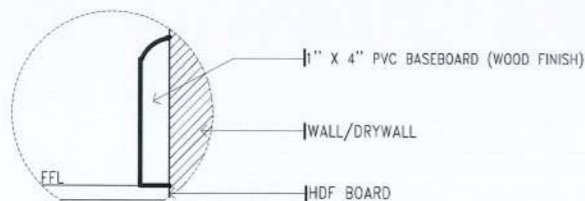
### CEILING GRID PATTERN PLAN

SCALE 1:150 MTS.



### FLOOR FINISH PATTERN LAYOUT

SCALE 1:150 MTS.



### BASEBOARD DETAIL

SCALE 1:5 MTS.



### BLOW-UP PATTERN LAYOUT

SCALE 1:50 MTS.

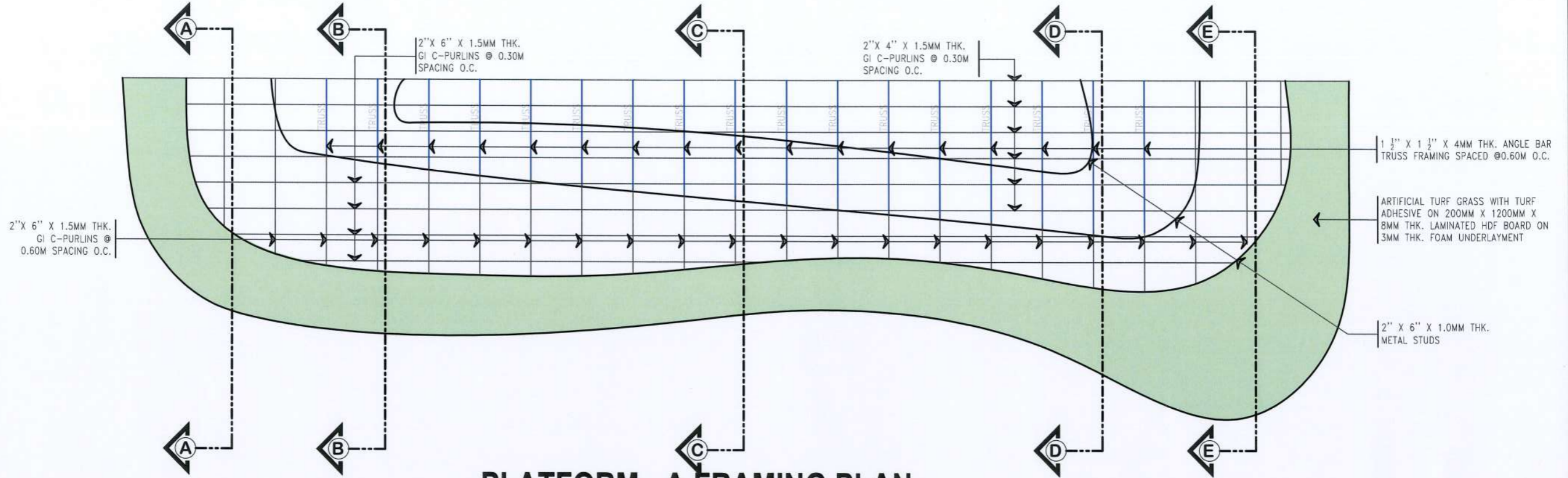


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PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE: 8/21	PAGE NO: 8/21

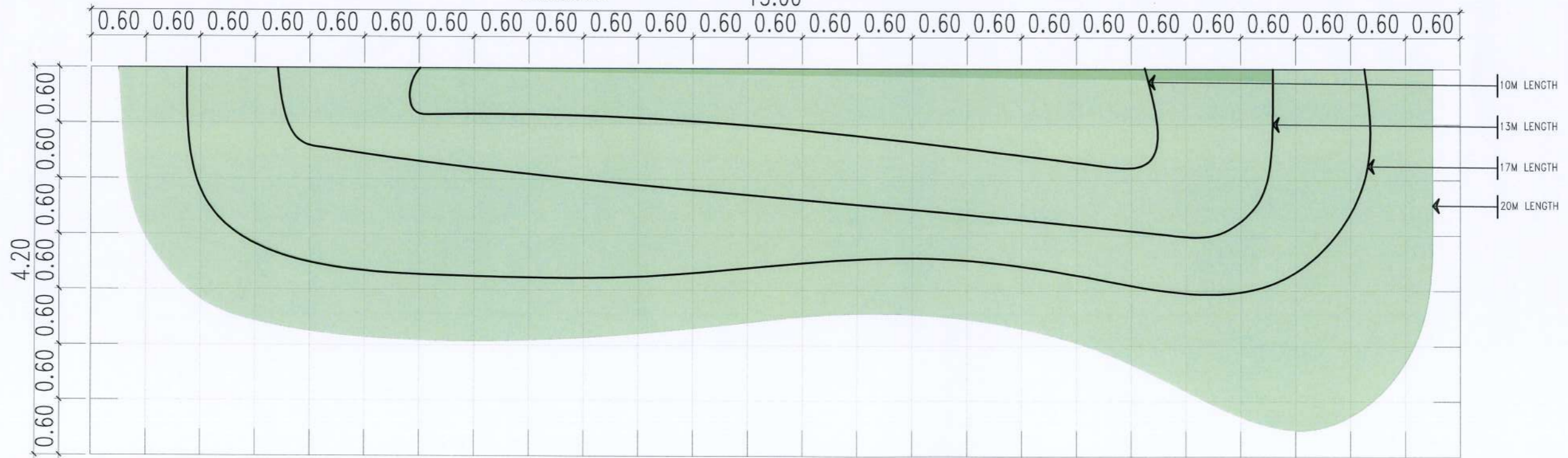


NOTE:  
 - APPLY 2 COATS OF EPOXY PRIMER TO ALL PLATFORM STEEL FRAMINGS.



### PLATFORM - A FRAMING PLAN

SCALE 1:50 MTS. 15.00



### PLATFORM - A GRID PATTERN PLAN

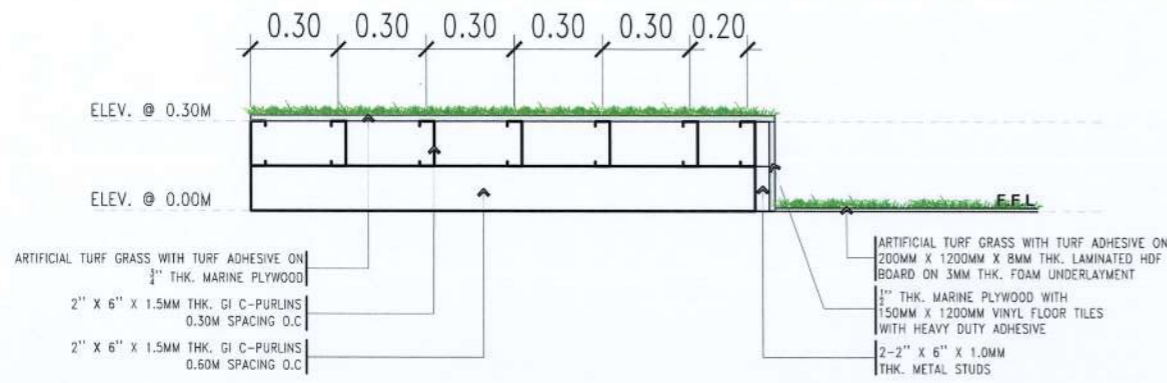
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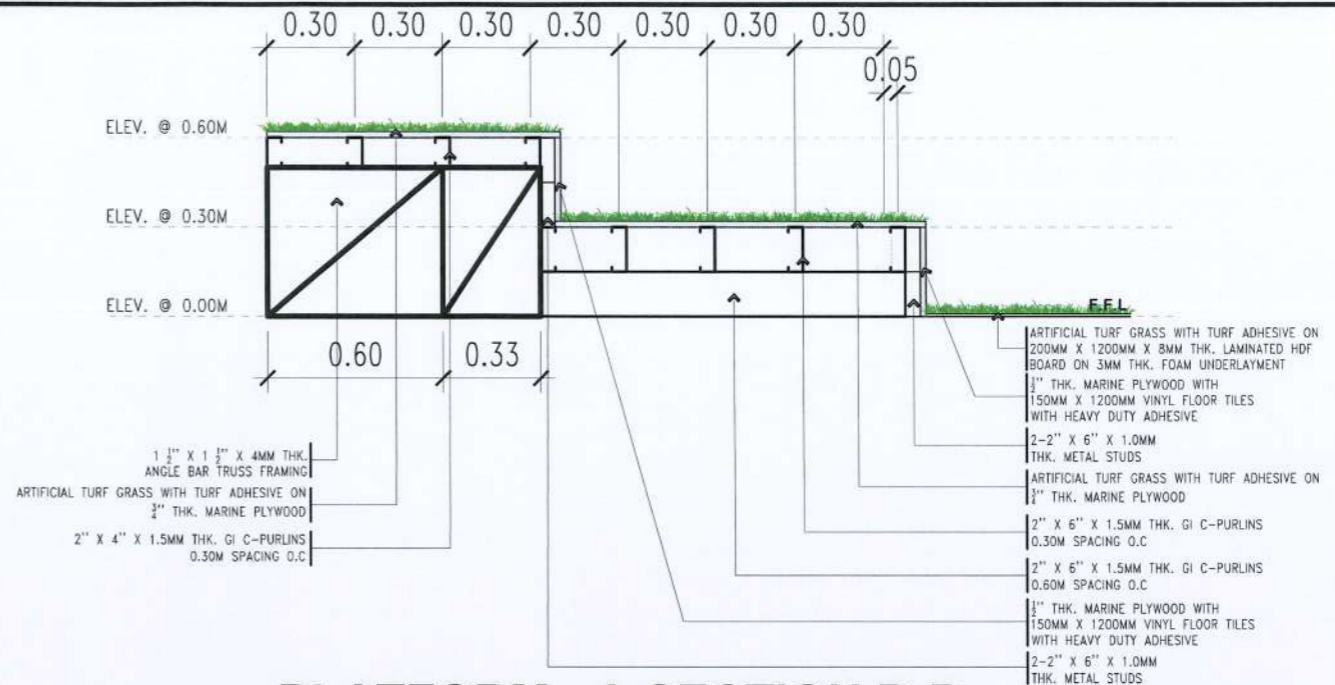
PROJECT TITLE: REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY	REQUESTING OFFICE: <i>Ccaer</i> MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	PREPARED BY: <i>[Signature]</i> AR. MARK ANTHONY P. PUNZALAN ARCHITECT	CHECKED BY: <i>[Signature]</i> AR. ARLEN M. GUIEB PLANNING UNIT HEAD, FDMD	CERTIFIED BY: <i>[Signature]</i> AR. CHERRY L. FABIANES DIRECTOR, FDMD	RECOMMENDING APPROVAL: <i>[Signature]</i> DR. GRACE N. ROSETE VP ADMIN AND FINANCE	APPROVED: <i>[Signature]</i> DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: A-09
PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE: 9/21	PAGE NO: 9/21





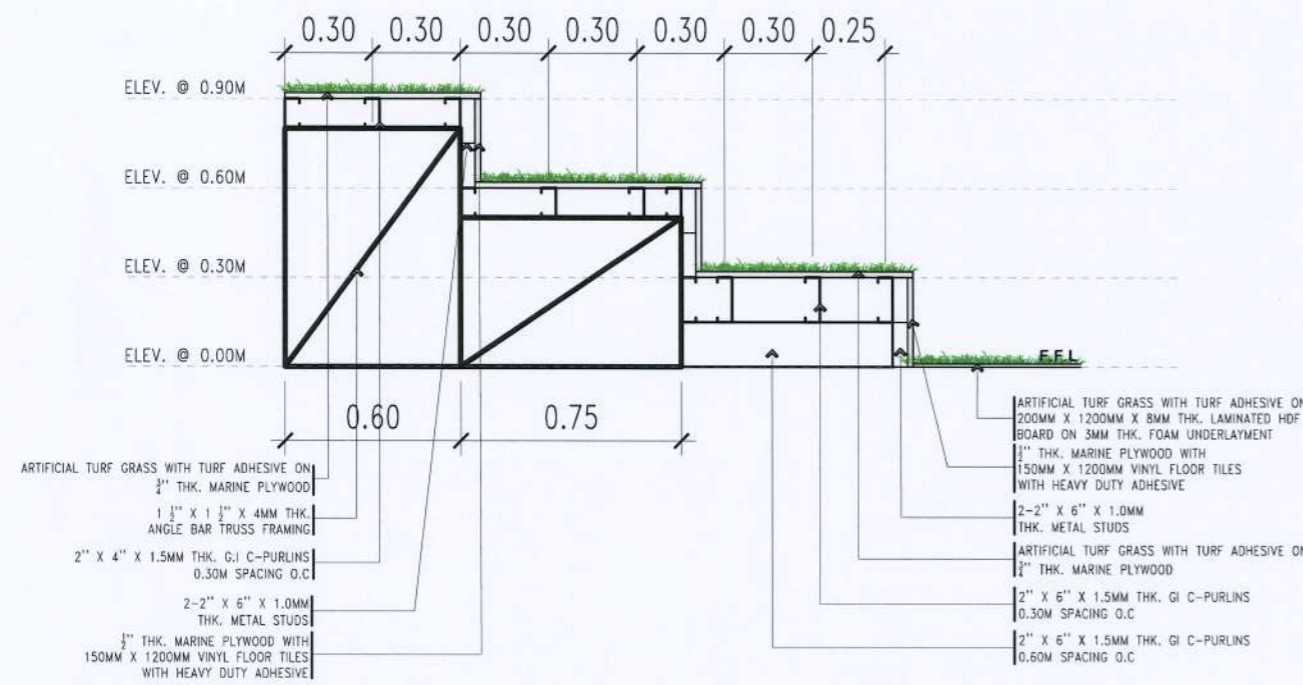
### PLATFORM - A SECTION A-A

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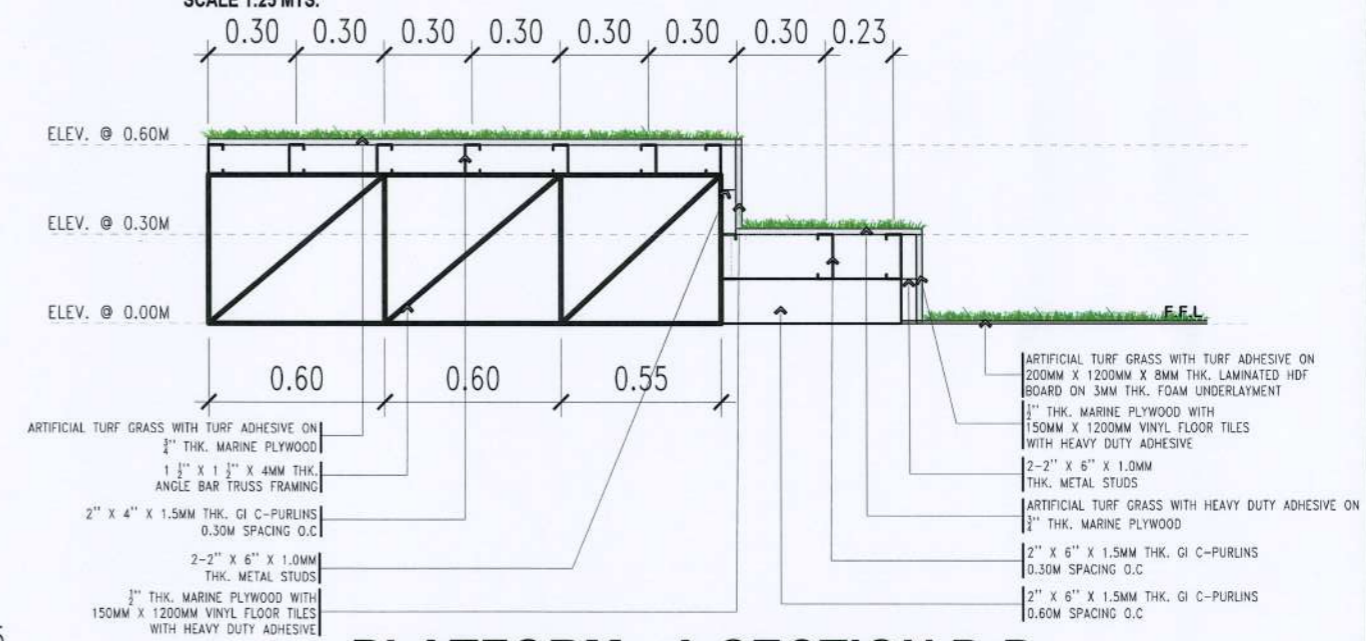
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SCALE 1:25 MTS.



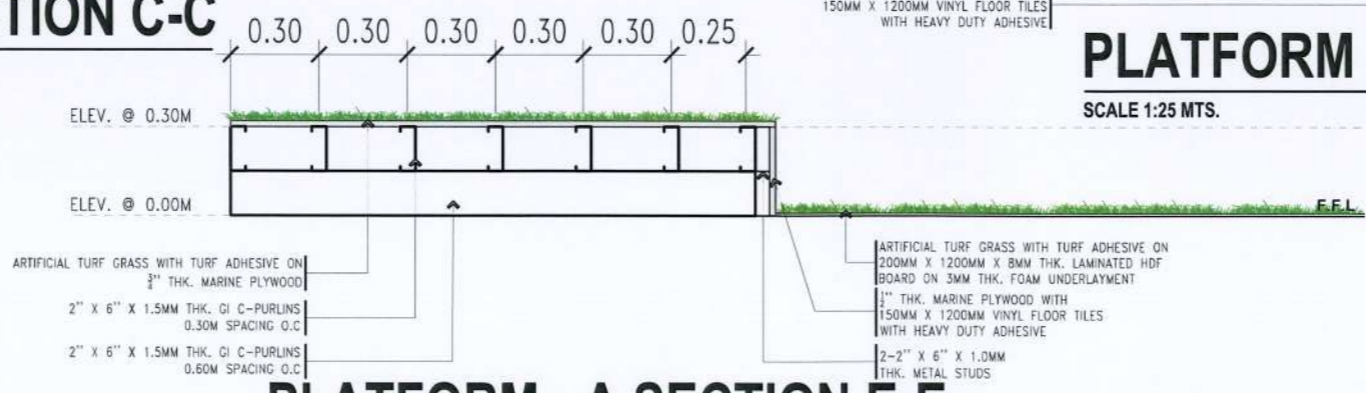
### PLATFORM - A SECTION C-C

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### PLATFORM - A SECTION D-D

SCALE 1:25 MTS.



### PLATFORM - A SECTION E-E

SCALE 1:25 MTS.



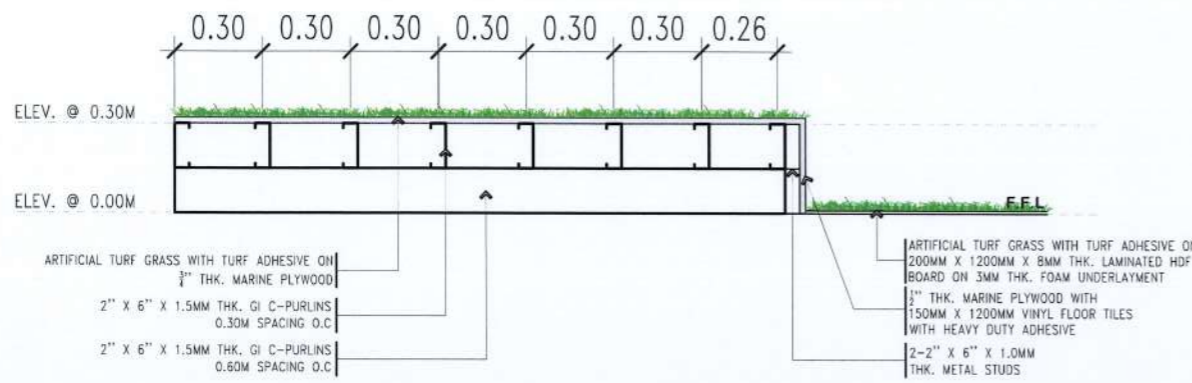
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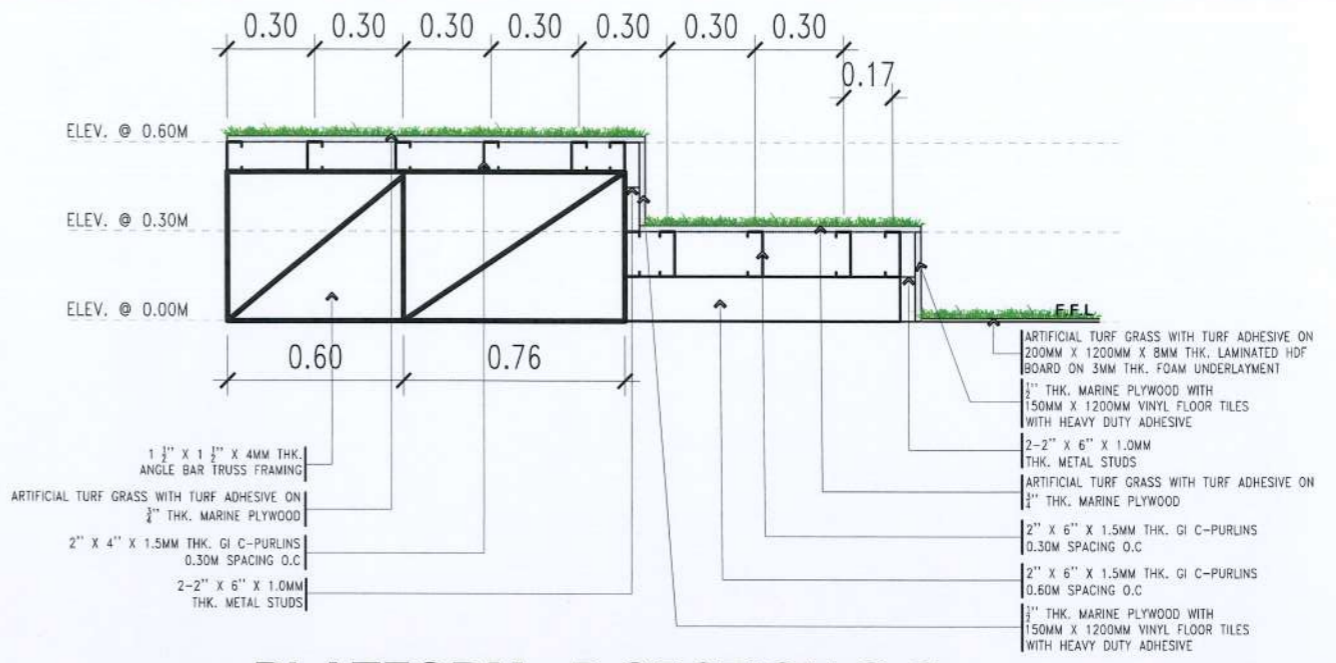






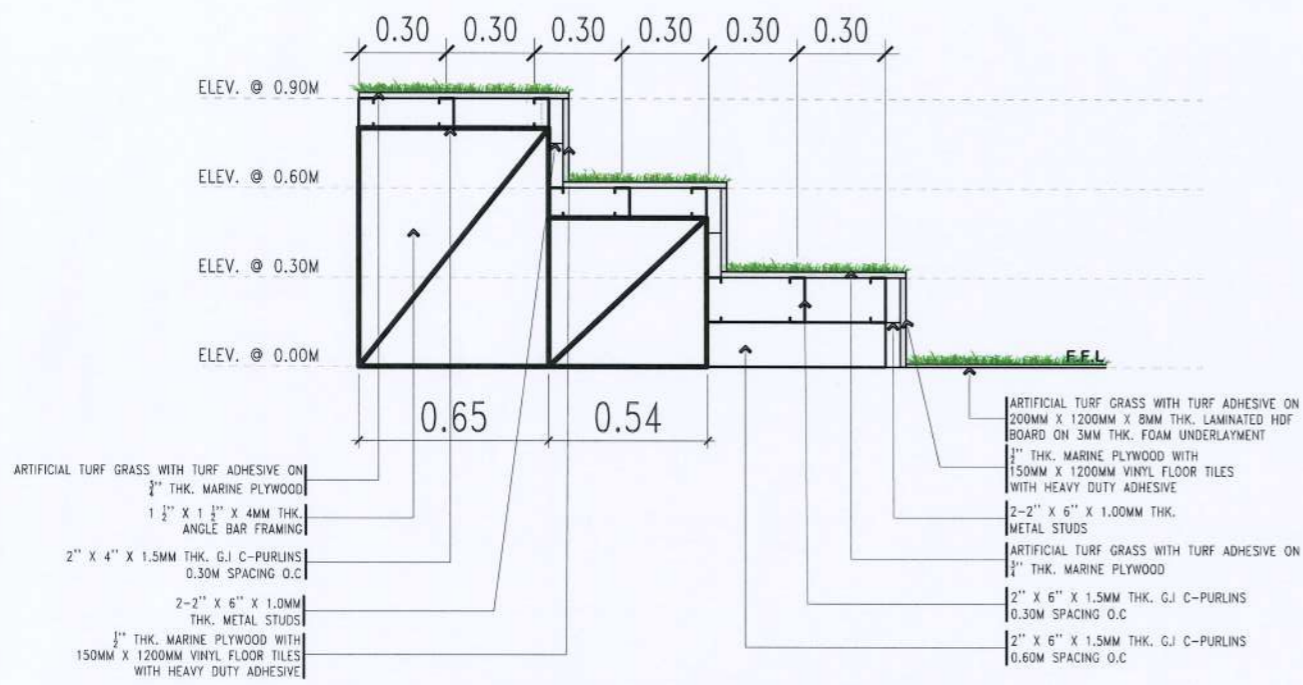
### PLATFORM - B SECTION F-F

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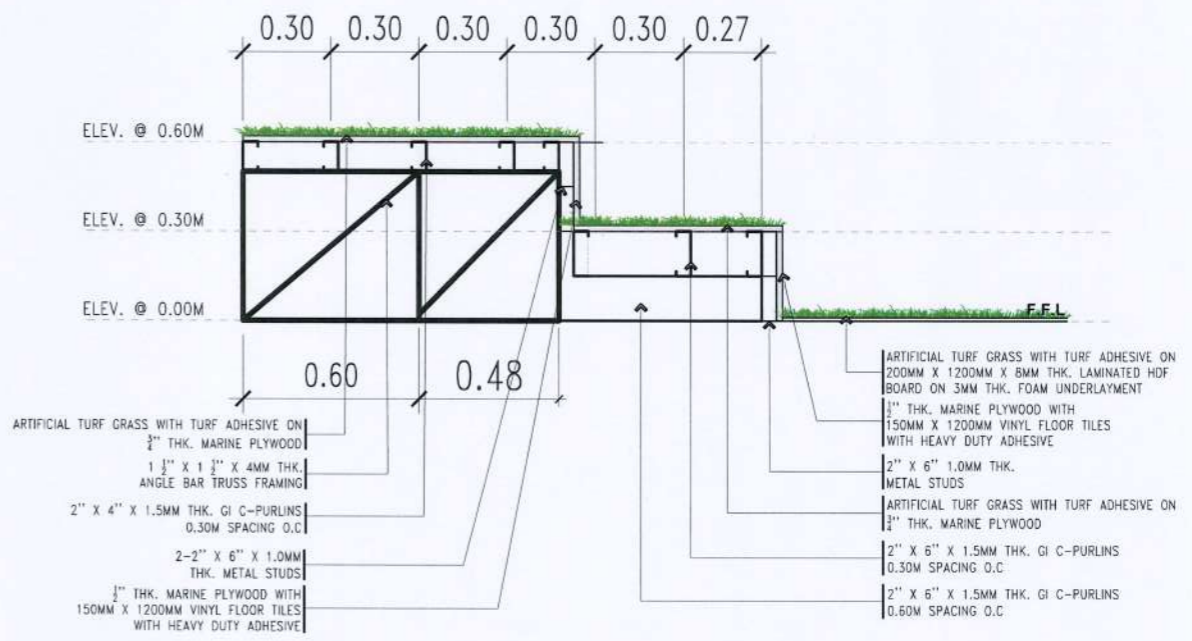
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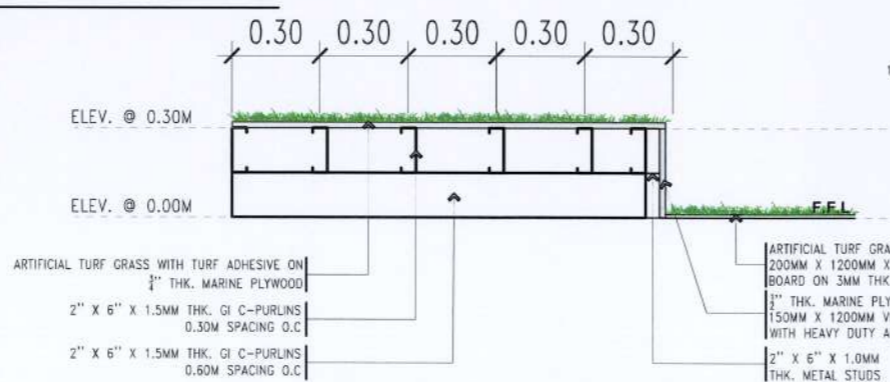
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### PLATFORM - B SECTION I-I

SCALE 1:25 MTS.



### PLATFORM - B SECTION J-J

SCALE 1:25 MTS.



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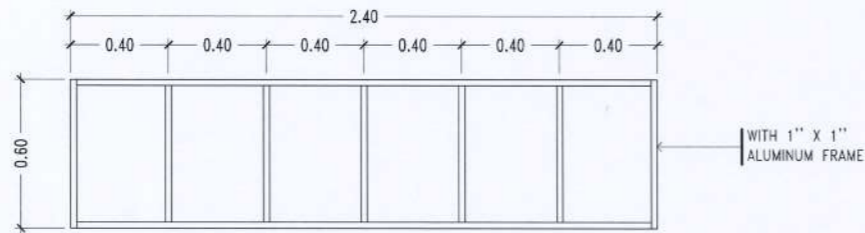
**NOTE:**

- THE FONT STYLE, FONT SIZE, TEXT CONTEXT SHALL BE FOR APPROVAL.
- LOCATION OF SIGNAGE SHALL BE VERIFY ON ACTUAL.



**ROOM SIGNAGE DETAIL**

SCALE 1:30MTS



**ROOM SIGNAGE FRAMING**

SCALE 1:30MTS

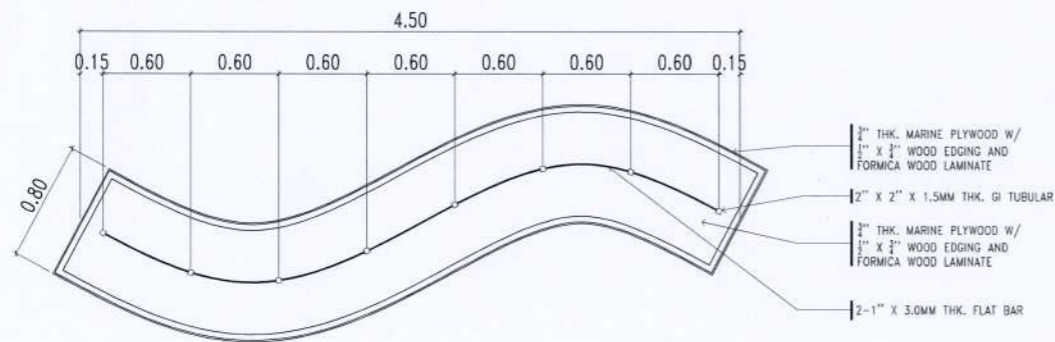


**ROOM SIGNAGE ISOMETRIC**

NTS

**NOTE:**

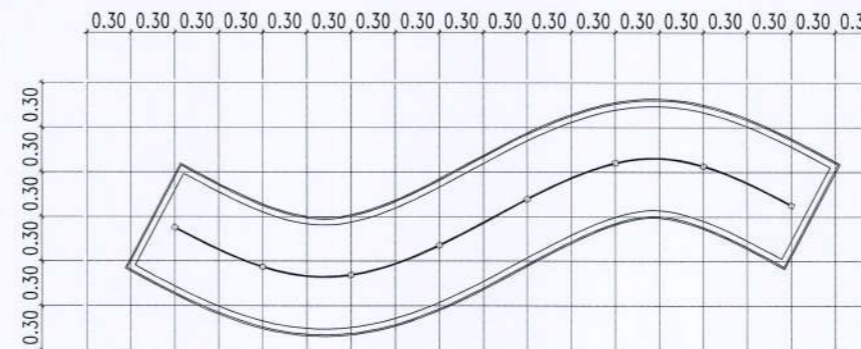
- APPLY 2 COATS OF EPOXY PRIMER ON ALL STEEL FRAME MEMBERS AT LEAST 2 TOP COATS OF QUICK DRY ENAMEL (BLACK)



DECORATIVE PARTITION/BOOK SHELVES

**DETAIL PLAN**

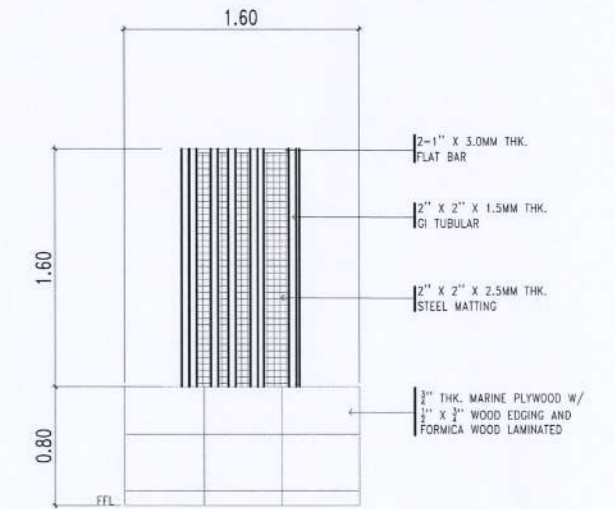
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DECORATIVE PARTITION/BOOK SHELVES

**PARTITION GRID PATTERN PLAN**

SCALE 1:50 MTS.



DECORATIVE PARTITION/BOOK SHELVES

**ELEVATION A**

SCALE 1:50 MTS.

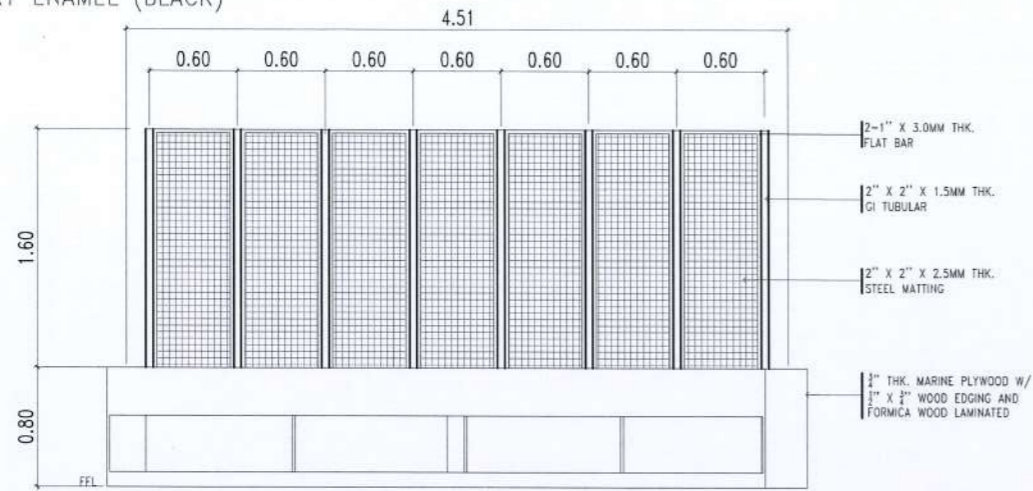


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PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE:	PAGE NO: 15/21

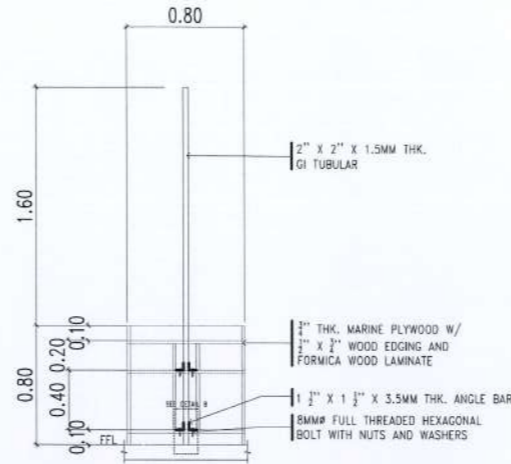


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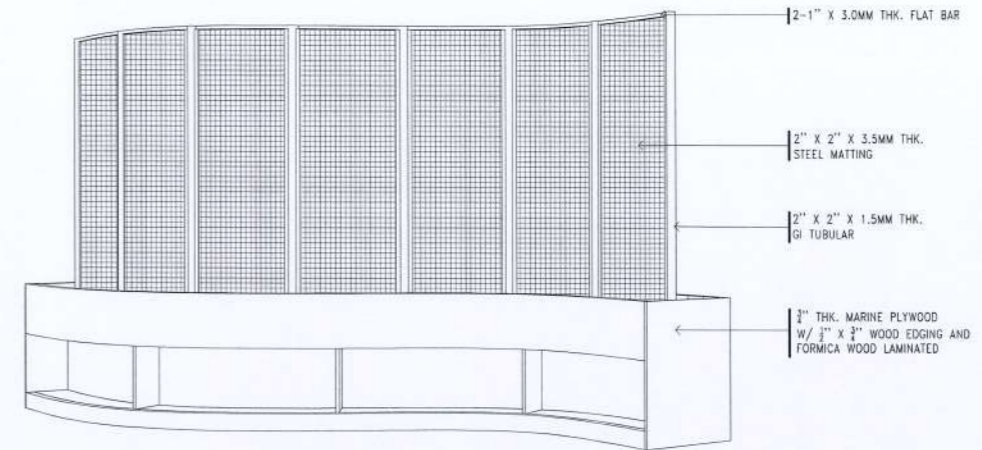
- APPLY 2 COATS OF EPOXY PRIMER ON ALL STEEL FRAME MEMBERS AT LEAST 2 TOP COATS OF QUICK DRY ENAMEL (BLACK)



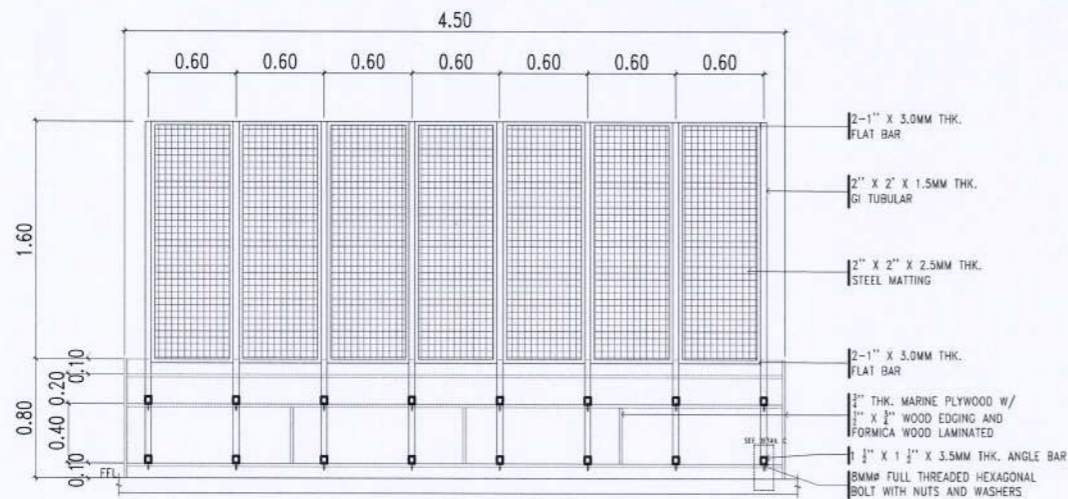
DECORATIVE PARTITION/BOOK SHELVES  
**ELEVATION B**  
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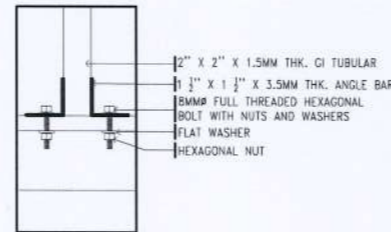
DECORATIVE PARTITION/BOOK SHELVES  
**SECTION A**  
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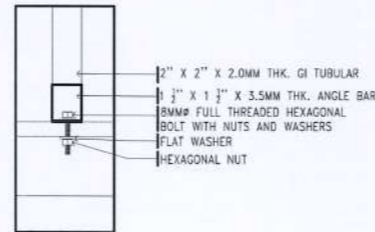
DECORATIVE PARTITION/BOOK SHELVES  
**ISOMETRIC DETAIL**  
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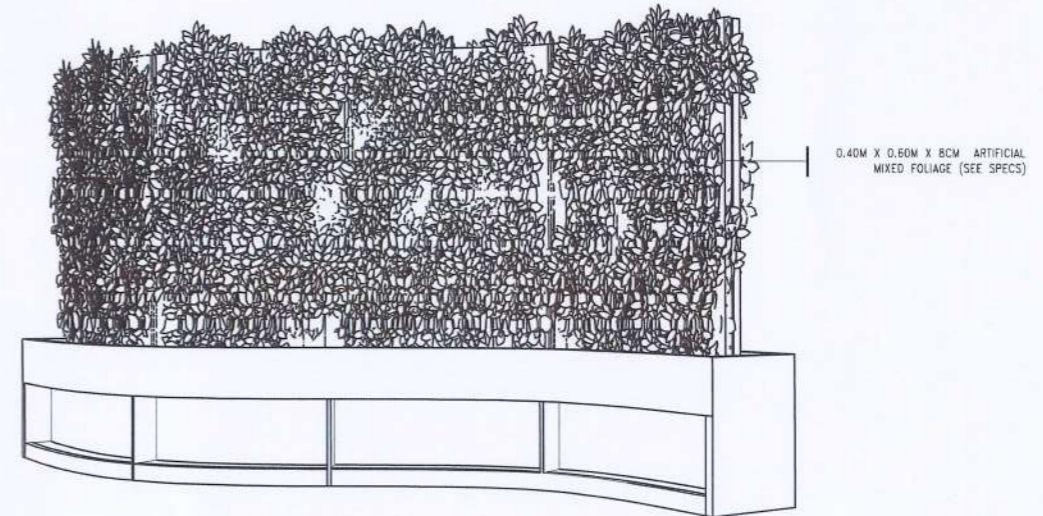
DECORATIVE PARTITION/BOOK SHELVES  
**SECTION B**  
SCALE 1:50 MTS.



**DETAIL B**  
SCALE 1:10 MTS.



**DETAIL C**  
SCALE 1:10 MTS.



PROJECT TITLE: REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY	REQUESTING OFFICE: MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	PREPARED BY: AR. MARK ANTHONY C. PUNZALAN 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 ADMIN AND FINANCE	APPROVED: DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: A-16
PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS							DATE:	PAGE NO: 16/21



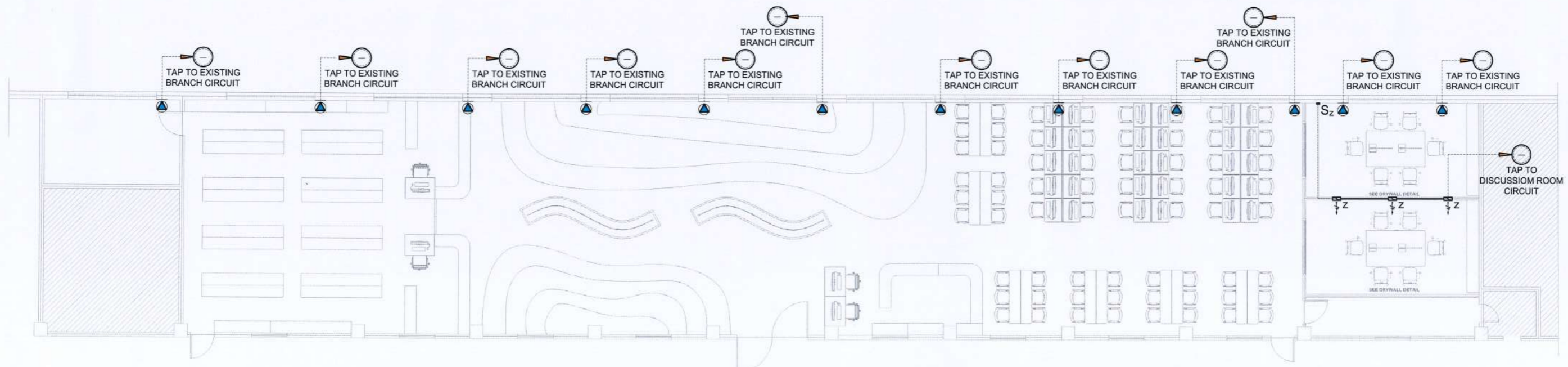
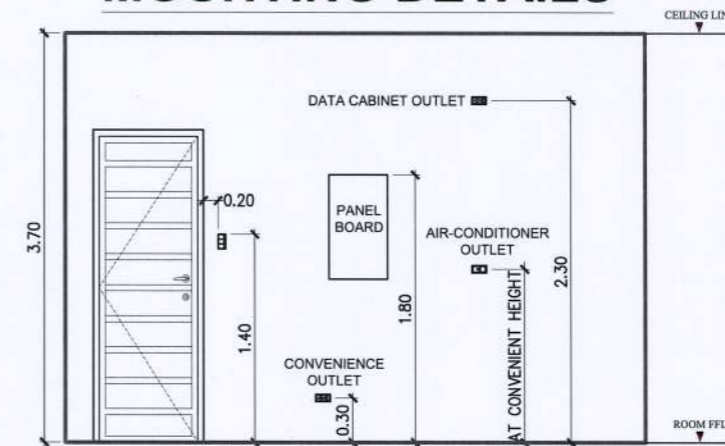
# GENERAL NOTES & SPECIFICATIONS

- ALL ELECTRICAL INSTALLATION HEREIN SHALL BE DONE IN ACCORDANCE WITH PROVISIONS OF THE LATEST EDITION OF PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES AND WITH THE REQUIREMENTS OF THE POWER COMPANY CONCERNED.
- ALL ELECTRICAL WORKS HEREIN SHALL BE EXECUTED BY EXPERIENCED MEN UNDER THE SUPERVISION OF A DULY LICENSED REGISTERED MASTER ELECTRICIAN OR REGISTERED ELECTRICAL ENGINEER.
- MATERIALS THAT PROVIDES SUPPORT, ADDED SAFETY, AND ACCESS, SUCH AS PULL BOXES, JUNCTION BOXES, BENDS AND OTHER FITTINGS SHALL BE PROVIDED EVEN IF NOT EXPLICITLY STATED IN THE PLAN.
- THE ELECTRICAL SERVICE ENTRANCE POWER FOR THE BUILDING SHALL BE 230V, SINGLE PHASE, 2-WIRE + GROUND, 60 HZ. SEE SCHEDULE OF LOADS.
- WIRES SHALL BE COLOR CODED AS FOLLOWS:  
 LINE 1 --- RED      LINE 2 --- YELLOW      GROUND --- GREEN
- WIRING METHOD SHALL BE AS FOLLOWS:
  - FOR EMBEDDED PIPE      -POLYVINYL CHLORIDE CONDUIT SCHEDULE 40 (PVC SCH 40)
  - FOR RUN EXPOSED PIPE      -ELECTRICAL METALLIC TUBING CONDUIT (EMT)
  - FOR DRYWALL      -MICA TUBE, PVC FLEXIBLE HOSE OR PVC SCH 40
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT SHALL BE 3.5mm.
- GROUNDING SYSTEM SHALL BE PROVIDED TO ALL EQUIPMENT PANEL BOARD AND NON-CURRENT CARRYING METAL IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- ANY DISCREPANCY IN LOCATION AND RATING OF ELECTRICAL EQUIPMENT SHALL BE VERIFIED WITH THE OWNER AND CHANGES SHALL BE MADE ACCORDINGLY.

# ELECTRICAL SYMBOLS & LEGEND

S <sub>1</sub>	One-gang One way Switch		Universal Duplex Convenience Outlet		6U Data Cabinet with Tray
S <sub>2</sub>	Two-gang One way Switch		Data Cabinet Duplex Universal Convenience Outlet		Battery-Operated Smoke Detector
S <sub>3</sub>	Three-gang One way Switch		Universal Duplex Convenience Outlet (Table Mounted)		Signage on Aluminum Composite Panel
	20 Watts Recessed COB LED Round Downlight [Color: Daylight]		Airconditioner Convenience Outlet		Branch Circuit Homerun
	12 Watts Recessed COB LED Premium Directional Round Downlight [Color: Daylight]		Single CAT6 Lan Outlet (Ceiling Mounted)		Existing Distribution Panel Board
	2 - 18 Watts T8 LED Tube Light with Prismatic Louver & Recessed Housing [Color: Daylight]		Duplex CAT6 Lan Outlet (Wall Mounted)		PVC Square Pull Box / PVC Junction Box
	3 Watts Recessed LED Emergency Light [Ceiling Mounted]		Duplex CAT6 Lan Outlet (Table Mounted)		10" Wall Mounted Exhaust Fan
	Outdoor SMD LED Striplight with Driver [Color: Warm White]		PVC Flexible Conduit		PVC Pipe Conduit

# MOUNTING DETAILS



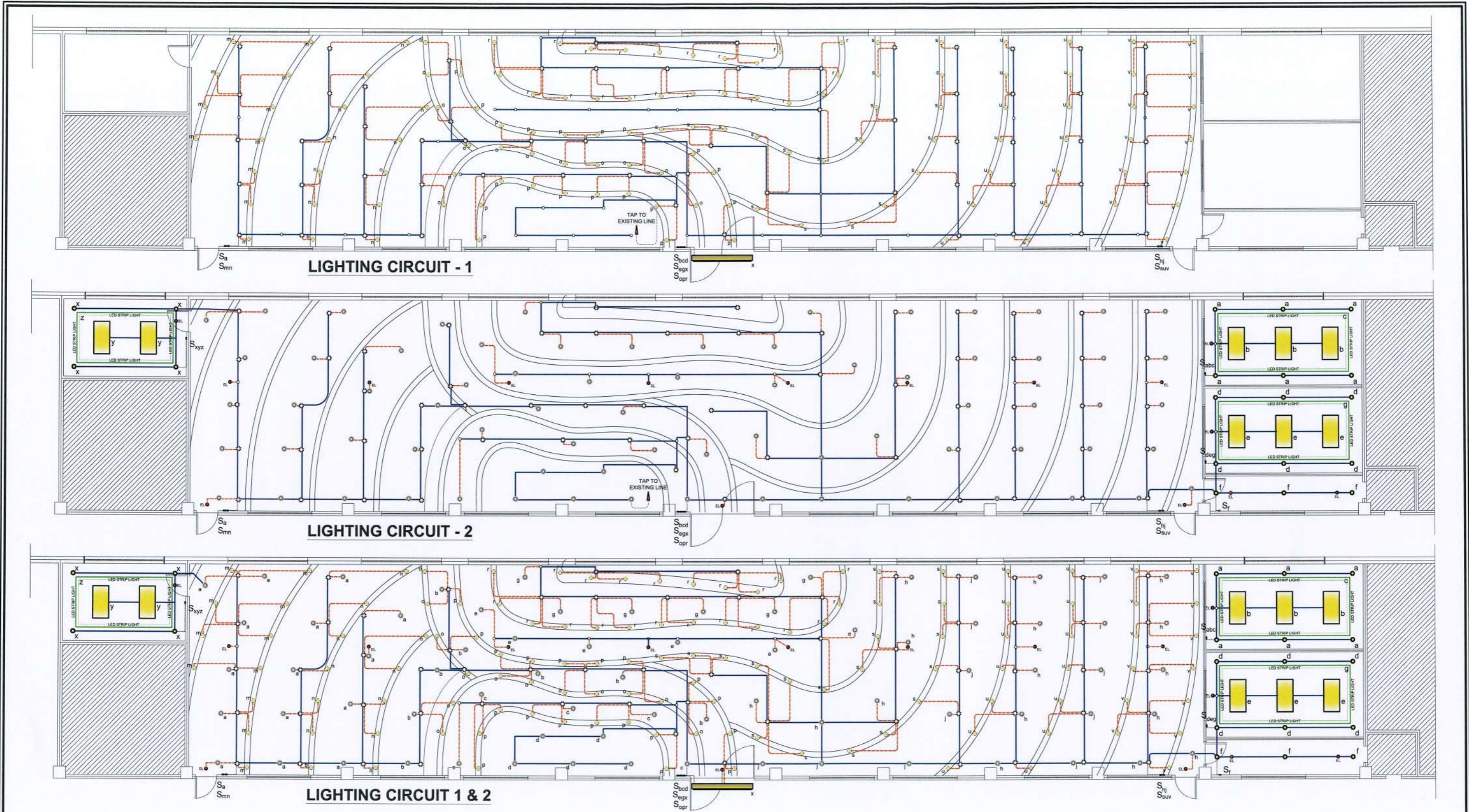
**TSU MAIN LIBRARY AIR-CONDITIONING POWER LAYOUT**  
 SCALE: 1:140 MTS

<b>TARLAC STATE UNIVERSITY</b> Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE: REFURBISHMENT OF TSU MAIN CAMPUS LIBRARY	REQUESTING OFFICE:  MS. CYNTHIA M. BOGNOT LIBRARY DIRECTOR	PREPARED BY:  ENGR. ROBINSON F. FRIAS ELECTRICAL ENGINEER	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 ADMIN AND FINANCE	APPROVED:  DR. ARNOLD E. VELASCO PRESIDENT	SHEET CONTENTS: AS SHOWN	SHEET NO: E-01
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**Notes:**



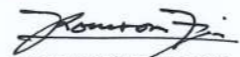


1. Lighting Circuit-1 plan shows the independent circuit line of the 12W Downlights. Flexible hose conduit shall be used from the splicing point to each lighting fixture. Continuous blue lines indicate the common conduit lines of both Lighting Circuit-1 and Lighting Circuit-2.
2. Lighting Circuit-2 plan shows the independent circuit line of the 12W Downlights, Ceiling Mounted Emergency Lights and other lighting fixtures. Flexible hose conduit shall be used from the splicing point to each lighting fixture. Continuous blue lines in the plan indicate the common conduit lines of both Lighting Circuit-1 and Lighting Circuit-2.
3. Lighting Circuit 1 & 2 plan shows the whole lighting circuit layout of the TSU Main Library with common conduit lines indicated in continuous blue lines.



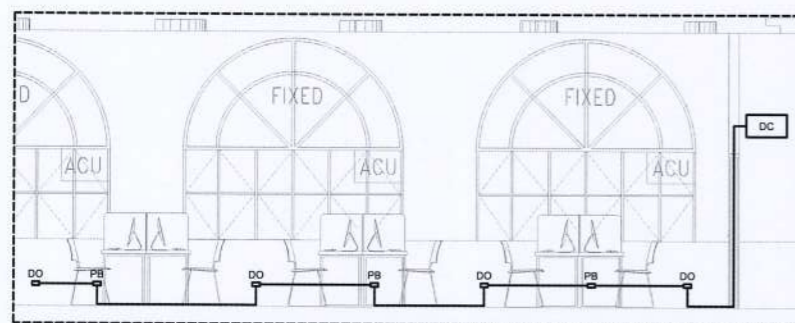
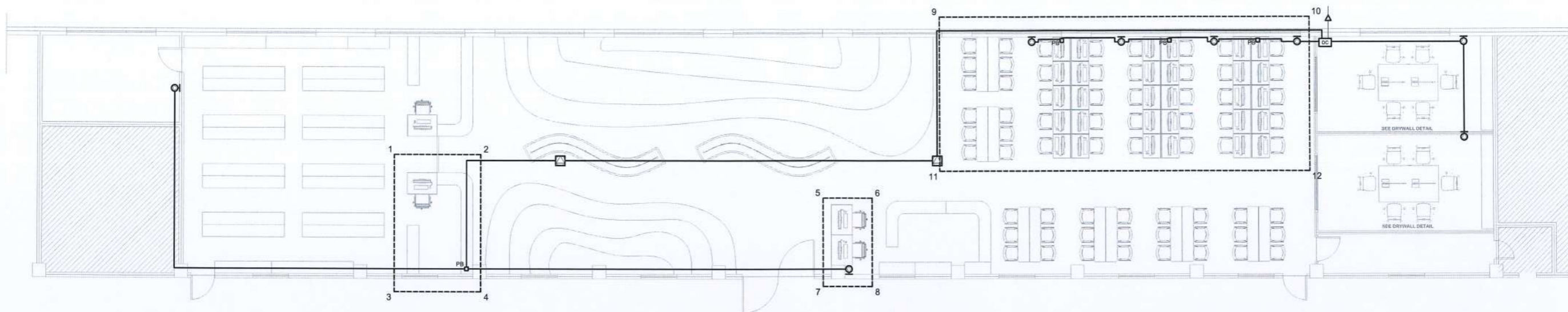
**TSU MAIN LIBRARY LIGHTING CIRCUIT LAYOUT**

SCALE

1:140 MTS

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	PROJECT LOCATION: CBA BUILDING, MAIN CAMPUS								DATE:





**DATA OUTLET MOUNTING DETAIL ON WALL**

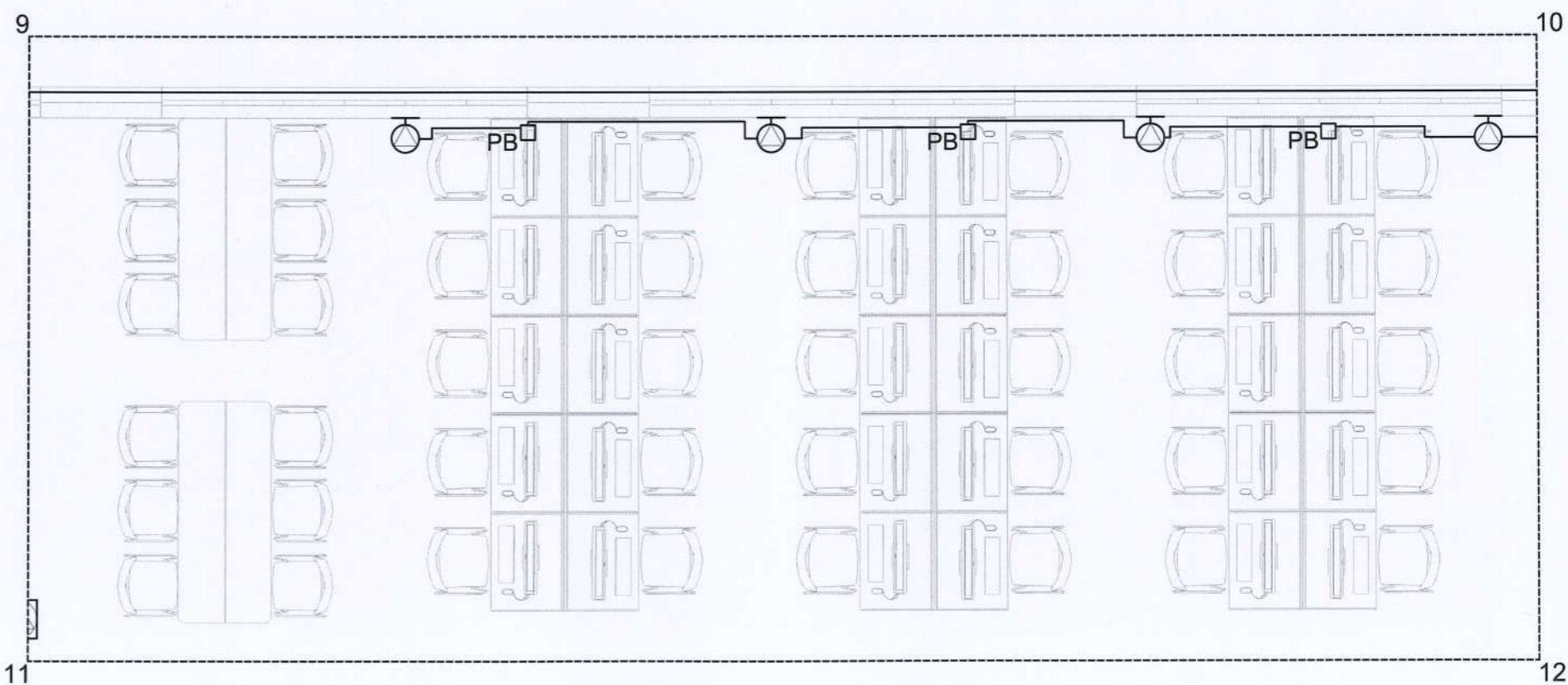
Legend:

- 1. DO - Data Outlet
- 2. PB - Pull Box (Utility Box)
- 3. DC - Data Cabinet



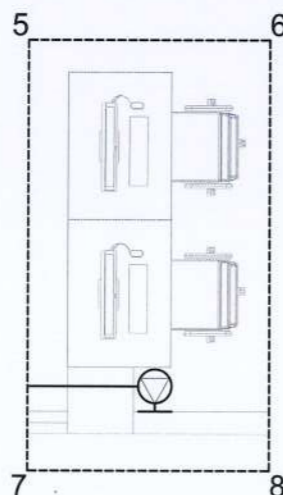
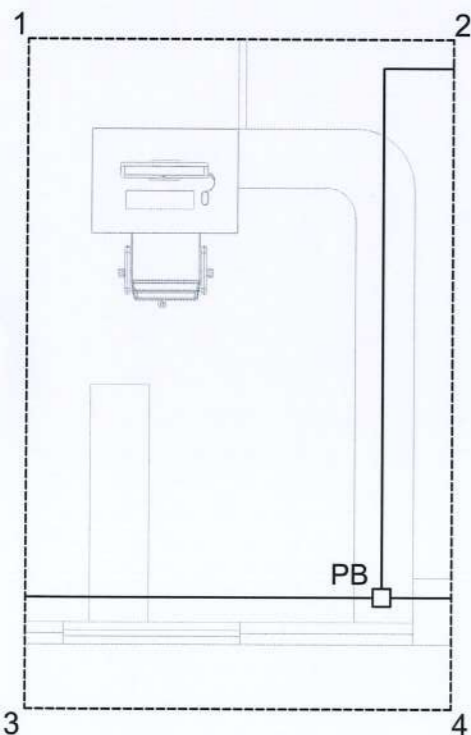
**TSU MAIN LIBRARY STRUCTURED CABLING LAYOUT**

1:140 MTS



**TSU MAIN LIBRARY STRUCTURED CABLING LAYOUT (BLOW-UP)**

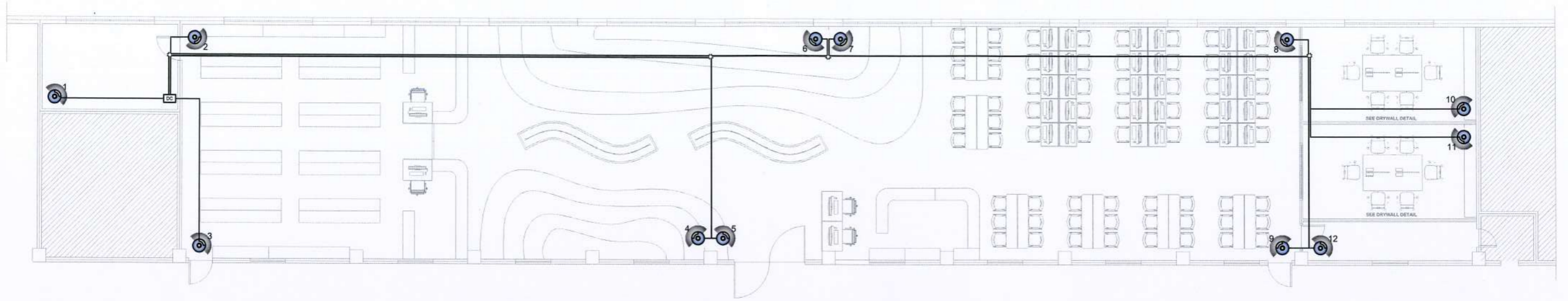
1:50 MTS



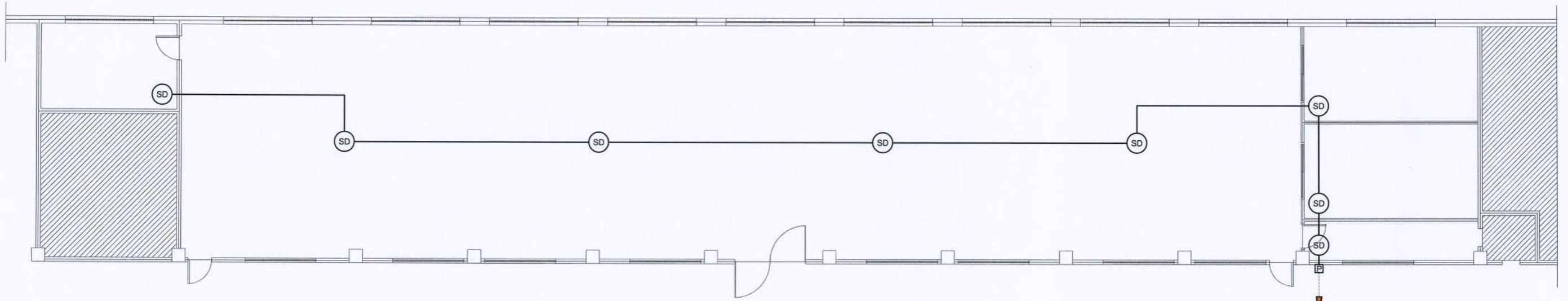
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**TSU MAIN LIBRARY CCTV LAYOUT**  
SCALE 1:140 MTS



**TSU MAIN LIBRARY FDAS LAYOUT**  
SCALE 1:140 MTS

PULLBOX FOR FUTURE TERMINATION

**IMPORTANT NOTE: (STRUCTURED CABLING AND CCTV SYSTEM)**

1. All equipments and cabling devices shall be unsupplied, hence, rough-ins shall be installed for all locations shown on the CCTV and structured cabling layouts for future installation the devices.
2. 3/4" dia. PVC pipe with G.I. wire inside shall be installed as a conduit for future installation of Category 6 cables.
3. 2" x 4" PVC utility box with blank plate shall be installed on the surface of the ceiling for future installation of cabling devices, equipments and future termination of Category 6 cables of structured cabling system.
3. 4" x 4" PVC junction box with cover shall be installed inside the ceiling for future installation of equipments and future termination of Category 6 cables of CCTV system.
4. 5" x 5" PVC square box shall be used as pullbox for future installation of Category 6 cables.

**IMPORTANT NOTE: (FDAS)**

1. 1/2" dia. PVC pipe with G.I. wire inside shall be installed as a conduit for future installation of Thermoplastic Fixture wire.
2. 2" x 4" PVC utility box with blank plate shall be installed on the surface of the ceiling for future installation of Thermoplastic Fixture wire and hard-wired smoke detectors.
3. 4" x 4" PVC junction box with cover shall be installed inside the ceiling for future installation of Thermoplastic Fixture wire and hard-wired smoke detectors.
4. 5" x 5" PVC square box shall be used as pullbox for future installation of Thermoplastic Fixture wire.

	Battery-Operated Smoke Detector		PVC Pullbox
	Single CAT6 Lan Outlet (Ceiling Mounted)		PVC Square Box
	Duplex CAT6 Lan Outlet (Wall Mounted)		6U Data Cabinet with Tray
	Single CAT6 Lan Outlet (Table Mounted)		PVC Pullbox (Utility Box)
	Structured Cabling Service Entrance		Closed-Circuit Television Camera

**SYMBOLS & LEGEND**



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