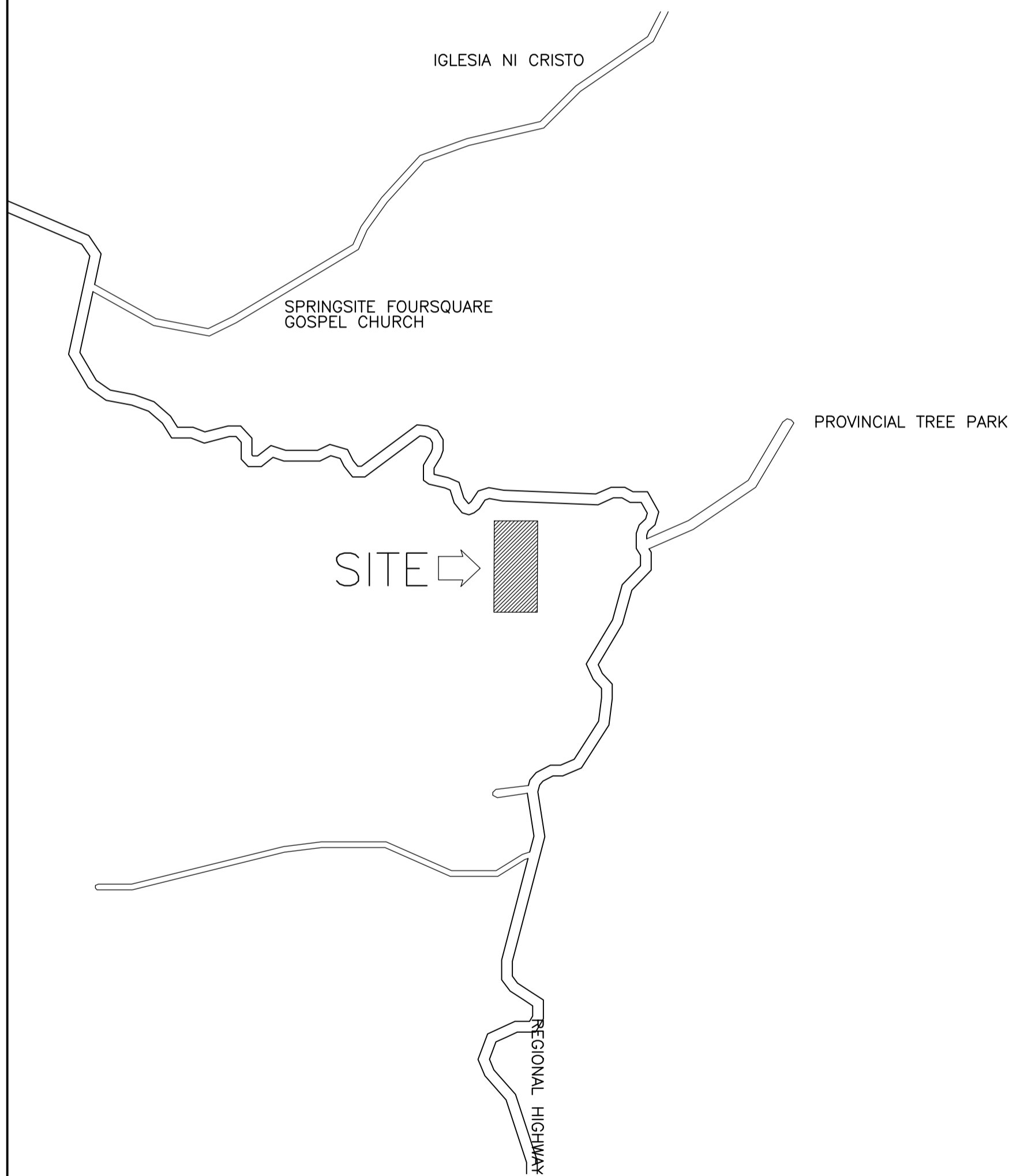
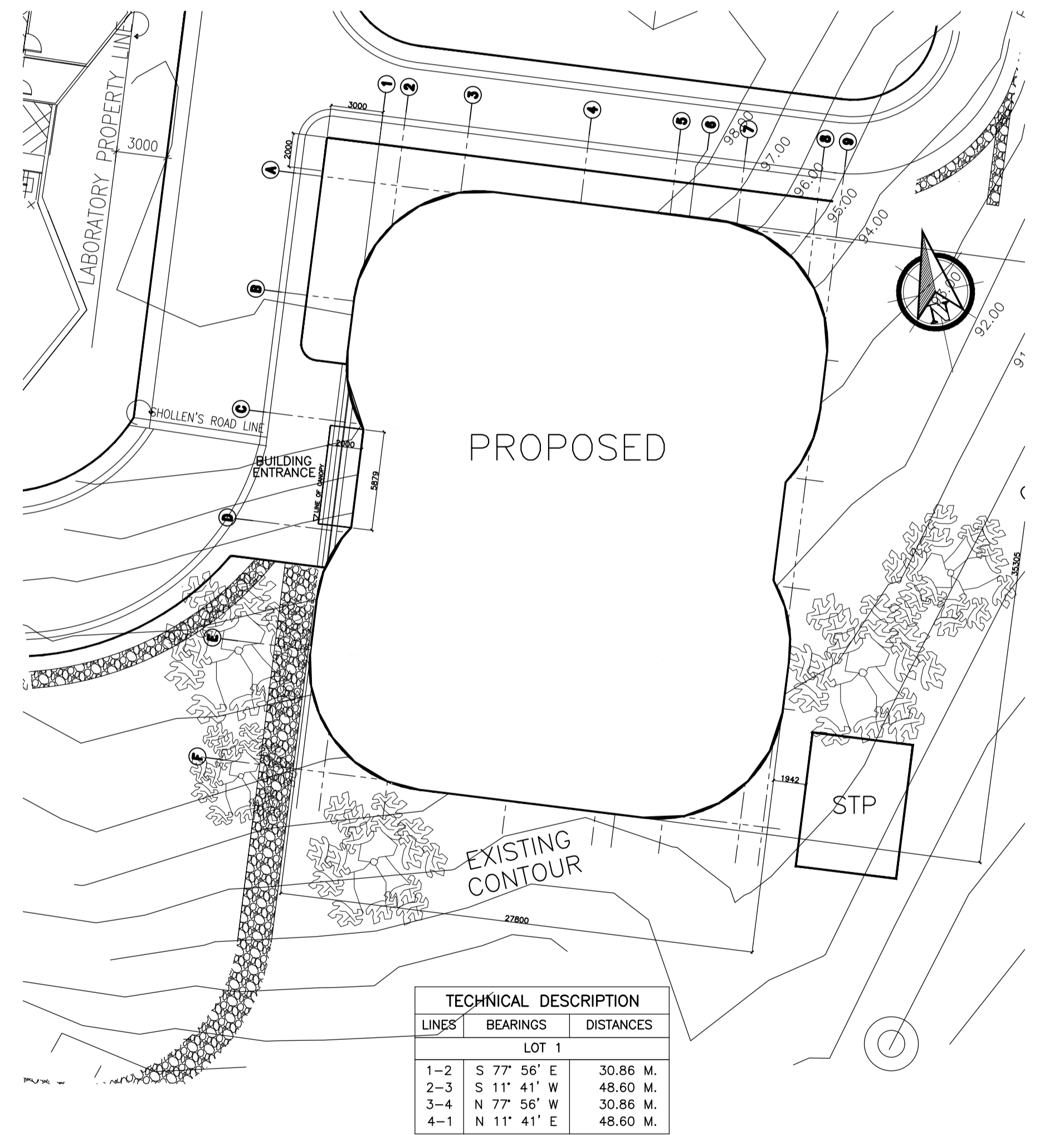




A EXTERIOR PERSPECTIVES
A-00 SCALE: NTS



B LOCATION MAP
A-00 SCALE: NTS



C SITE DEVELOPMENT PLAN
A-00 SCALE: NTS

TABLE OF CONTENTS

ARCHITECTURAL

A-00 COVER PAGE, SHEET INDEX AND GENERAL NOTES
A-01 SITE DEVELOPMENT PLAN (BUILDING FOOTPRINT)
A-02 BASEMENT AND GROUND FLOOR PLAN
A-03 SECOND AND THIRD FLOOR PLAN
A-04 ROOF DECK PLAN
A-05 FRONT AND REAR ELEVATION
A-06 RIGHT AND LEFT SIDE ELEVATION
A-07 SECTION A AND SECTION B
A-7.1 BAY SECTIONS
A-08 BASEMENT AND GROUND FLOOR REFLECTED CEILING PLAN
A-09 SECOND AND THIRD FLOOR REFLECTED CEILING PLAN
A-10 ROOF DECK REFLECTED CEILING PLAN
A-11 DOOR SCHEDULE
A-12 WINDOW SCHEDULE
A-13 BASEMENT AND GROUND FLOOR COLUMN SETTING OUT PLAN
A-14 SECOND AND THIRD FLOOR COLUMN SETTING OUT PLAN
A-15 ROOF DECK FLOOR COLUMN SETTING OUT PLAN
A-16 BASEMENT AND GROUND FLOOR PATTERN LAYOUT
A-17 SECOND AND THIRD FLOOR PATTERN LAYOUT
A-18 ROOF DECK FLOOR PATTERN LAYOUT
A-19 BASEMENT AND GROUND FLOOR WALL SETTING AND FINISHES PLAN
A-20 SECOND AND THIRD FLOOR WALL SETTING AND FINISHES PLAN
A-21 ROOF DECK FLOOR WALL SETTING AND FINISHES PLAN
A-22 BASEMENT AND GROUND FLOOR WATERPROOFING PLAN
A-23 SECOND AND THIRD FLOOR WATERPROOFING PLAN
A-24 ROOF DECK FLOOR WALL WATERPROOFING PLAN
A-25 STAIR DETAILS (PLAN, SECTION, ELEVATION)
A-26 STAIR DETAILS (PLAN, SECTION, ELEVATION)
A-27 STAIR DETAILS (PLAN, SECTION, ELEVATION)
A-28 STAIR DETAILS (PLAN, SECTION, ELEVATION)
A-29 STAIR DETAILS (PLAN, SECTION, ELEVATION)
A-30 TOILET DETAILS (PLAN, SECTION, ELEVATION)
A-31 TOILET DETAILS (PLAN, SECTION, ELEVATION)
A-32 TOILET DETAILS (PLAN, SECTION, ELEVATION)
A-33 ROOF DETAILS
A-34 MISCELLANEOUS DETAILS
A-35 MISCELLANEOUS DETAILS
A-36 MISCELLANEOUS DETAILS
A-37 MISCELLANEOUS DETAILS

STRUCTURAL

S-01 CONSTRUCTION NOTES
S-02 CONSTRUCTION NOTES
S-03 CONSTRUCTION NOTES
S-04 CONSTRUCTION NOTES
S-05 FOUNDATION PLAN
S-06 BASEMENT FLOOR FRAMING PLAN
S-07 GROUND FLOOR FRAMING PLAN
S-08 SECOND FLOOR FRAMING PLAN
S-09 THIRD FLOOR FRAMING PLAN
S-10 ROOF FRAMING PLAN
S-11 ROOF SLAB ABOVE DECK
S-12 SCHEDULE OF FOOTINGS AND RETAINING WALL DETAIL
S-13 COLUMN SCHEDULE
S-14 COLUMN SCHEDULE AND TYPICAL COLUMN REINFORCEMENT ELEVATION
S-15 LOWER GROUND FLOOR BASEMENT SLAB, SLAB SCHEDULE
S-16 BEAM SCHEDULE AND DETAILS
S-17 BEAM SCHEDULE AND DETAILS
S-18 TRUSS, BAGROD, CROSS BRACING DETAILS AND PURLIN SCHEDULE
S-19 ROADWAY, SIDEWALK, CURB & GUTTER, JOINT DETAILS

ELECTRICAL

E-01 DRAWING INDEX, GENERAL NOTES, LEGEND AND SYMBOLS
E-02 SINGLE LINE DIAGRAM
E-03 ELECTRICAL SITE DEVELOPMENT PLAN
E-04 BASEMENT AND GROUND FLOOR LIGHTING LAYOUT
E-05 SECOND AND THIRD FLOOR LIGHTING LAYOUT
E-06 ROOF DECK LIGHTING LAYOUT AND TYPICAL LIGHTING INSTALLATION DET.
E-07 BASEMENT AND GROUND FLOOR POWER LAYOUT
E-08 SECOND AND THIRD FLOOR POWER LAYOUT
E-09 ROOF DECK POWER LAYOUT & BASEMENT MECHANICAL EQUIP. POWER LAYOUT
E-10 GROUND AND SECOND MECHANICAL EQUIP. POWER LAYOUT
E-11 THIRD & ROOF DECK MECHANICAL EQUIP. POWER LAYOUT
E-12 BASEMENT GROUNDING SYSTEM AND ROOF DECK LIGHTING PROTECTION
E-13 LOAD SCHEDULE
E-14 LOAD SCHEDULE
E-15 CALCULATIONS
E-16 DETAILS
E-17 DETAILS

MECHANICAL

M-01 GENERAL NOTES LEGENDS AND SYMBOLS, ABBREVIATIONS
M-02 SCHEDULES
M-03 BASEMENT AND GROUND FLOOR A/C MECHANICAL VENT. LAYOUT
M-04 SECOND AND THIRD FLOOR A/C MECHANICAL VENT. LAYOUT
M-05 ROOF DECK FLOOR A/C MECHANICAL VENT. LAYOUT
M-06 VWF SCHEMATIC DIAGRAM

FIRE PROTECTION

FP-01 BASEMENT AND GROUND FLOOR AFFS LAYOUT
FP-02 SECOND AND THIRD FLOOR AFFS LAYOUT
FP-03 ROOF DECK FLOOR AFFS LAYOUT

PLUMBING AND SANITARY

PS-01 GENERAL PLUMBING & SANITARY NOTES, LOCATION MAP
PS-02 PLUMBING & SANITARY SYMBOLS, LEGENDS, PLUMBING & SANITARY ABBREVIATIONS
PS-03 WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT BASEMENT & GROUND FLOOR
PS-04 WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT SECOND & THIRD FLOOR
PS-05 ROOF STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT - BASEMENT
PS-06 STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT GROUND & SECOND FLOOR
PS-07 STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT THIRD & ROOF FLOOR
PS-08 SANITARY SEWER & VENT SYSTEM LAYOUT BASEMENT & GROUND FLOOR
PS-09 SANITARY SEWER & VENT SYSTEM LAYOUT SECOND & THIRD FLOOR
PS-10 SANITARY SEWER & VENT SYSTEM LAYOUT ROOF

ELECTRONICS

EC-01 GENERAL ENGINEERING NOTES, LEGENDS & SYMBOLS, ABBREVIATIONS,
EC-02 SITE DEVELOPMENT PLAN
EC-03 FDAS RISER DIAGRAM
EC-04 PA BGM RISER DIAGRAM
EC-05 ACS RISER DIAGRAM
EC-06 SCS RISER DIAGRAM
EC-07 CCTV RISER DIAGRAM
EC-08 BASEMENT & GROUND FLOOR CCTV, CATV & TELECOM SYSTEM LAYOUT
EC-09 SECOND & THIRD FLOOR CCTV, CATV & TELECOM SYSTEM LAYOUT
EC-10 BASEMENT & GROUND FLOOR FDAS AND PA BGM SYSTEM LAYOUT
EC-11 SECOND & THIRD FLOOR FDAS AND PA BGM SYSTEM LAYOUT

GENERAL ARCHITECTURAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE AND BE AWARE OF ALL CONDITIONS THEREON. HE SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE WORK.

2. THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SANITARY DRAWINGS ARE OF EQUAL IMPORTANCE WITH THE ARCHITECTURAL DRAWINGS. IN DEFINING THE SCOPE OF WORK, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SANITARY DRAWINGS FOR DISCREPANCIES. THERE SHALL BE NO DISCREPANCY BETWEEN THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SANITARY DRAWINGS. IF A DISCREPANCY IS FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF THE DISCREPANCY. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK UNTIL THE DISCREPANCY IS RESOLVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF BUILDINGS ON THE SITE.

4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, THE ARCHITECT / CONSTRUCTION MANAGER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CORRECTION BEFORE COMMENCING THE WORK.

5. DETAILS NOT SHOWN ARE SMALLER IN DIMENSIONS TO THOSE SHOWN, UNLESS SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED. CONSULT THE CONSTRUCTION MANAGER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

6. ANY DETAILS, SYSTEMS, MATERIALS (E.G. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ETC.) WHICH ARE PROPOSED TO BE DIFFERENT FROM THOSE SHOWN SHALL BE APPROVED BY THE ARCHITECT / CONSTRUCTION MANAGER'S REPRESENTATIVE PRIOR TO THE PREPARATION OF SHOP DRAWINGS.

7. PRIOR TO COMMENCEMENT OF WORK ON SITE, NECESSARY PRELIMINARY WORK SHALL BE DONE AS PER REQUIREMENTS TO LOCATE WORK AREAS FROM AREAS UNDER USE OR DEVELOPMENT UNDER SEPARATE CONTRACTS.

8. WORKS MUST BE CARRIED OUT IN CLOSE COORDINATION TO MINIMIZE ANY INCONVENIENCE (E.G. NOISE, DUST, SMELL) AND ACCESS TO OTHER OPERATIONS.

9. CONTRACTOR SHALL OBTAIN APPROVAL, LEASE AND PREPARE LAYOUT DRAWINGS FOR TEMPORARY ALL OTHER CONSULTANTS DRAWINGS.

10. DRAWINGS SHALL NOT BE SCALE DIMENSIONS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS.

11. CONTRACTOR SHALL CARRY OUT ALL ASSOCIATED WORK OUTSIDE SCOPE OF WORK, LIMIT LINE OF SERVICES TO STAY OUT FORMS.

12. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH THE WORK. THE CONSTRUCTION MANAGER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY CORRECTION.

13. GENERAL CONTRACTOR TO COORDINATE ALL EQUIPMENT BASE AND HOISTING/CRANE PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS. RETAIN THE PROTECTIVE AREA OF EQUIPMENT.

14. GENERAL CONTRACTOR TO COORDINATE ALL MECHANICAL AND ELECTRICAL FLOOR, ROOF AND WALL VENTS AND ALL MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.

15. REFER TO CERTIFIED MECHANICAL AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURERS' TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT. VERIFY ALL SETTINGS, TOLERANCES, ISOLATIONS, SPRINGING, ETC. NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL BE DEEMED TO HAVE ALLOWED HIS TENDER FOR ALL NECESSARY WORK IN ACCORDANCE.

16. FINE DAMPERS SHALL BE PROVIDED AS SHOWN AND UNLESS AIR DOES NOT PENETRATE. FIRE-RATED WALLS OR CEILING FIRE DAMPERS SHALL BE PROVIDED AS SHOWN.

17. ALL CEILING METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.

18. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL EQUIPMENT AND ELECTRICAL CONTRACTORS. ACCESS PANELS SHALL BE PROVIDED FOR THESE IN HIS TENDER WHETHER OR NOT THEY ARE INDICATED ON DRAWINGS. ACCESS PANELS SHALL BE CONSIDERED AND LOCATED BEFORE BEING PROVIDED WITH THE ARCHITECT'S PRIOR TO PROCEEDING.

19. FINE DISCREPANCIES EXIST BETWEEN THE DRAWINGS OF THE VARIOUS TRADES. CONSULT THE CONSTRUCTION MANAGER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.

20. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SPHERICAL BRACKETS, BRACKETS, PLATES AND SUPPORTING BRACKETS NECESSARY FOR THE WORK. INSTALLATION OF ALL CABLES, TRAY ROOF ACCESSORIES AND TRAY PARTITIONS AS WELL AS ALL UNLADDERED OR SUSPENDED MECHANICAL, ELECTRICAL AND METEOROLOGICAL EQUIPMENT. THE CONTRACTOR SHALL BE DEEMED TO HAVE ALLOWED FOR THESE IN HIS TENDER WHETHER OR NOT THEY ARE INDICATED ON THE DRAWINGS. CONSULT THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF THESE DISCREPANCIES.

21. WHETHER OR NOT SPECIFIED, REINFORCED ALL SLABING SHALL BE SAFETY GLAZED WITHIN ROOMS OF THE FLOOR OR WITHIN ROOMS HORIZONTAL DISTANCE FROM ANY DOOR OR OPENING SHALL BE ACCORDING TO ALL APPLICABLE CODES AND REGULATIONS.

22. ALL EXTERIOR HANDRAILS AND EXTERIOR EXPOSED METAL SHALL BE GALVANIZED AND PAINTED UNLESS NOTED OTHERWISE. AS PER PERFORMANCES.

23. ALL EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF BETWEEN WALL PANELS, AT PENETRATION OF UTILITIES THROUGH THE BUILDING, SHALL BE SEALED, GULCHED OR WEATHERSTRIPPED TO PREVENT AIR AND WATER LEAKAGE INTO THE BUILDING.

24. THE EXTERIOR WALL, AS SHOWN SHALL BE PROVIDED BY THE EXTERIOR WALL CONTRACTOR AND SHALL BE A COMPLETE SYSTEM INCLUDING ALL BRICK/FRAMING OVER THE STRUCTURAL FRAME OF THE BUILDING. ALL EXTERIOR CONNECTIONS, CONNECTIONS, PLUMBING, MECHANICAL, ELECTRICAL AND METEOROLOGICAL EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR. MATERIAL FINISHES AS REQUIRED TO FORM A WATERPROOF AND AIRPROOF ENCLOSURE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND THE RELEVANT DRAWINGS.

25. ALL DETAIL DRAWINGS AS SHOWN ARE SCHEMATIC ONLY AND CONNECTIONS, ANCHORS, ETC. SHALL BE COORDINATED WITH THE STRUCTURAL, FRAMING AND OTHER BUILDING COMPONENTS IN ORDER TO PROVIDE A COMPLETE ENCLOSURE OF FRESH MATERIALS. STRUCTURAL AND MECHANICAL REQUIREMENTS SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS.

26. THE ABBREVIATIONS & SYMBOLS USED FOR OTHER DISCIPLINES SHALL BE REFERRED TO DISCIPLINE DRAWINGS.

DEPARTMENT OF PUBLIC WORKS & HIGHWAYS
OFFICE OF THE BUILDING OFFICIAL

LAND USE AND ZONING

LINE & GRADE

ARCHITECTURAL

STRUCTURAL

ELECTRICAL

SANITARY

MECHANICAL

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, VILLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 9020-41
FAX NOS: 927 0608;
426 7214

ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
ARCHITECT

PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**

DESIGNED FOR:
**REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS**

LOCATION: Brgy. Rizal, Odiongan, Romblon

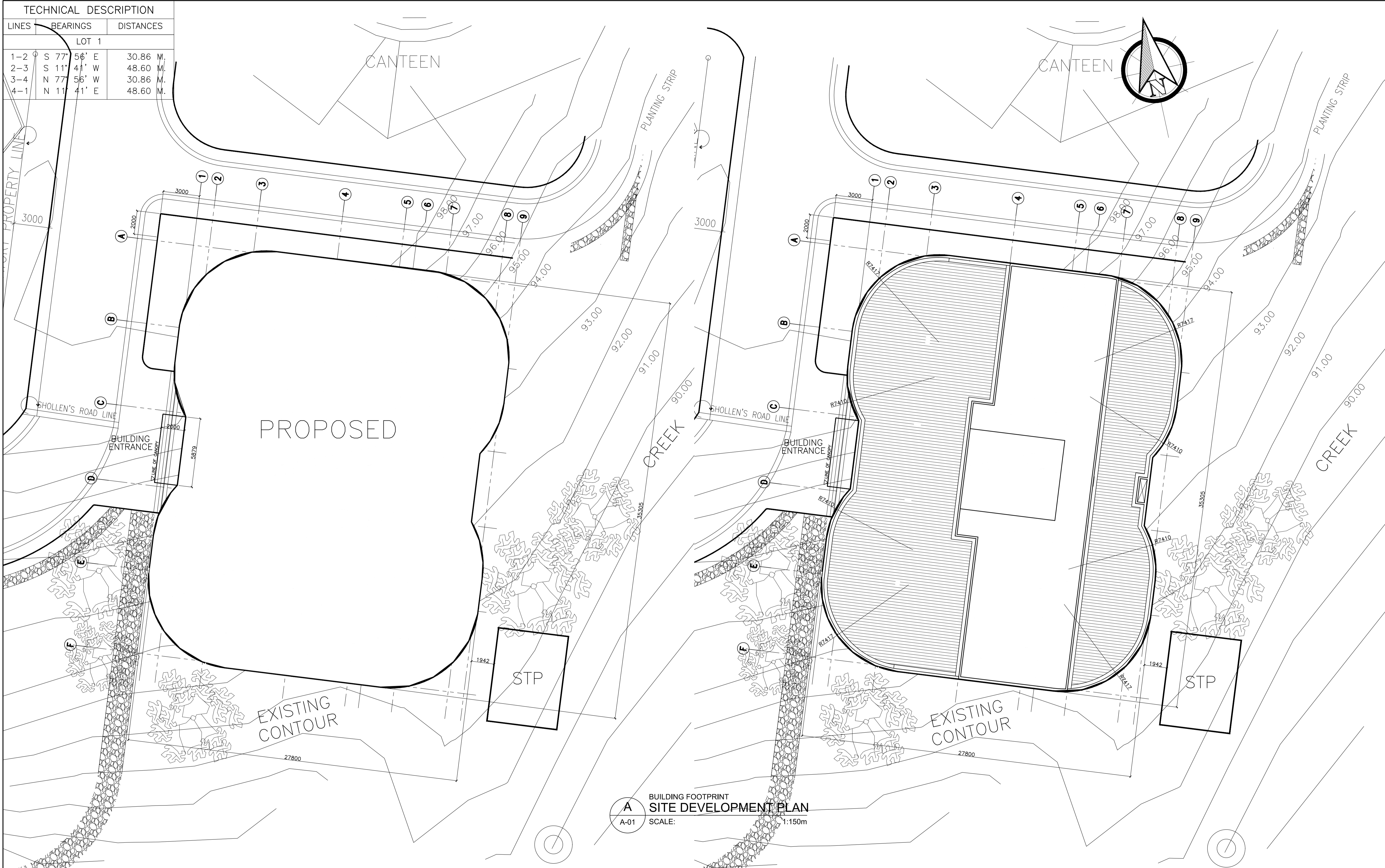
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
EXTERIOR PERSPECTIVE
VICINITY MAP
SITE DEVELOPMENT PLAN
SHEET INDEX
TABLE OF CONTENTS

SHEET NO:
A
00 37

TECHNICAL DESCRIPTION		
LINES	BEARINGS	DISTANCES
LOT 1		
1-2	S 77° 56' E	30.86 M.
2-3	S 11° 41' W	48.60 M.
3-4	N 77° 56' W	30.86 M.
4-1	N 11° 41' E	48.60 M.




ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT
 PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

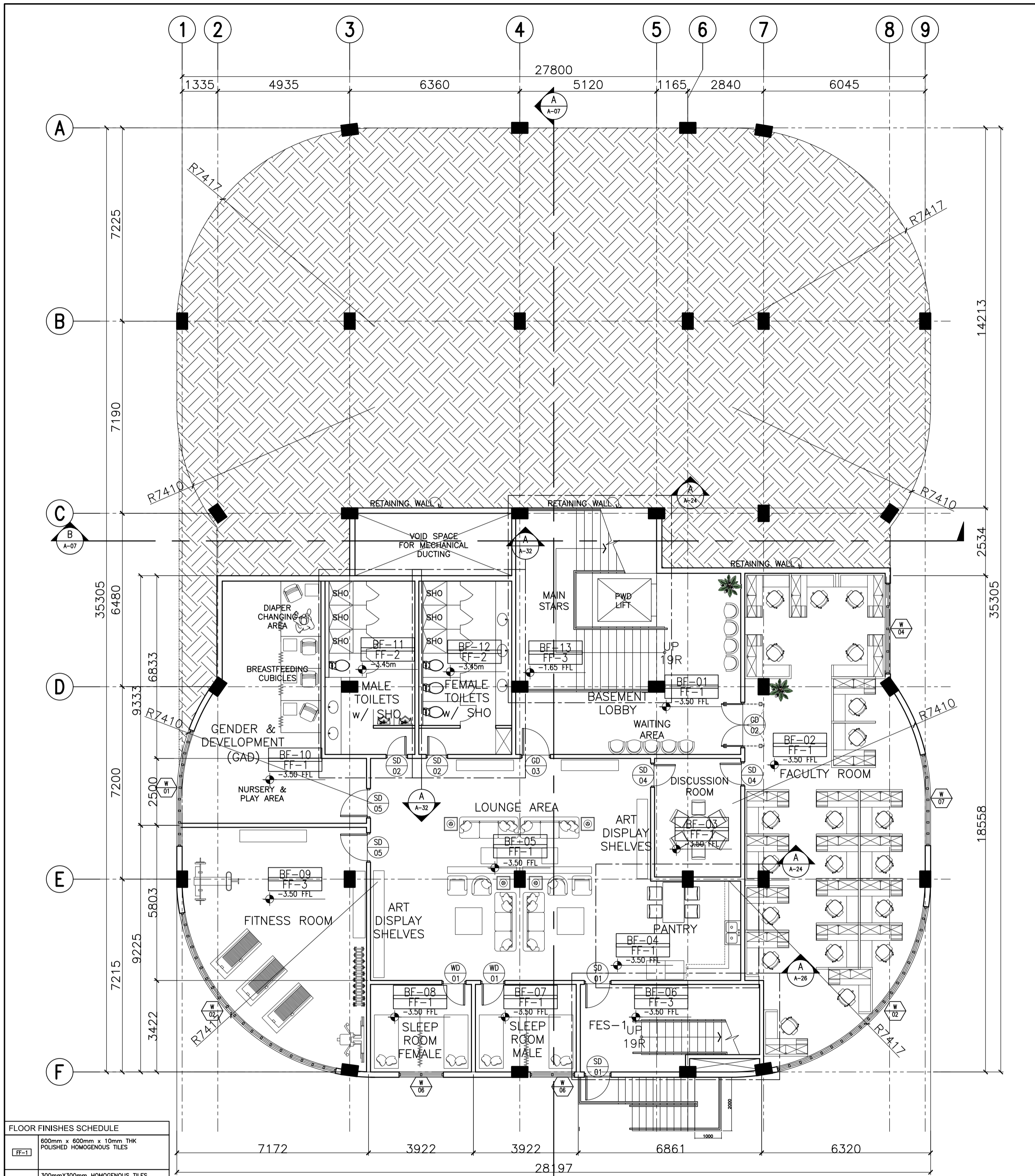
PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

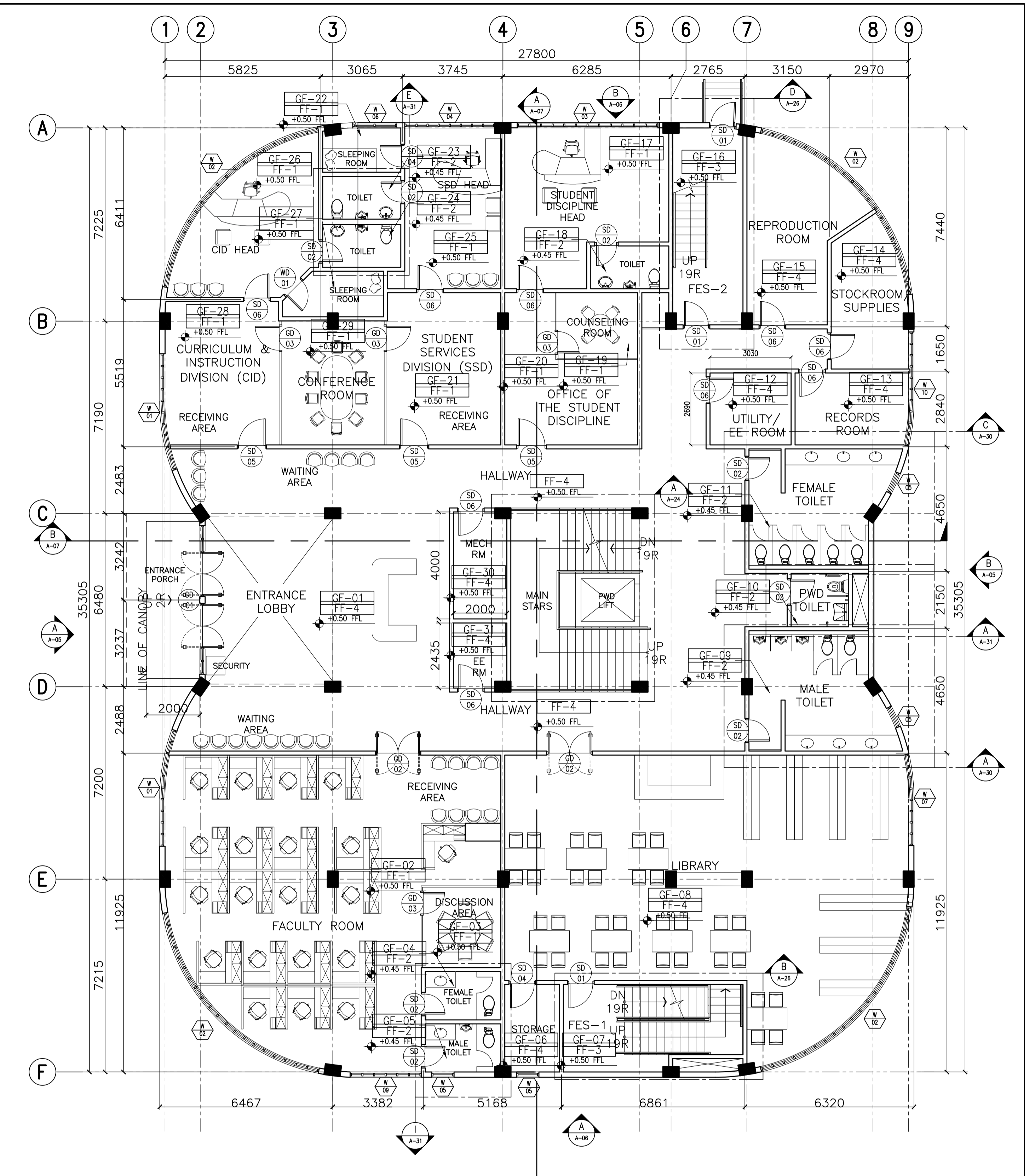
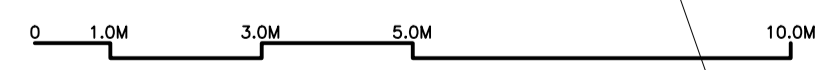
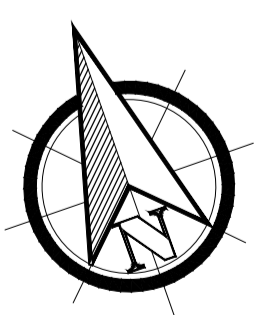
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SITE DEVELOPMENT PLAN
 SHEET NO:
A
 01 37

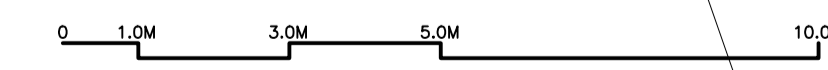
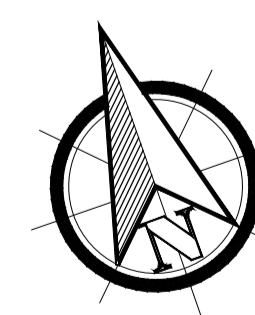


FLOOR FINISHES SCHEDULE	
FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES
FF-2	300mmx300mm HOMOGENOUS TILES (NON-SKID)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING

A ACADEMIC BUILDING II
BASEMENT FLOOR PLAN
 A-02 SCALE: 1:100m



B ACADEMIC BUILDING II
GROUND FLOOR PLAN
 A-02 SCALE: 1:100m



ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS


SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVE., LOYOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS.: 426 7009;
 426 3024
 FAX NOS.: 927 0688;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

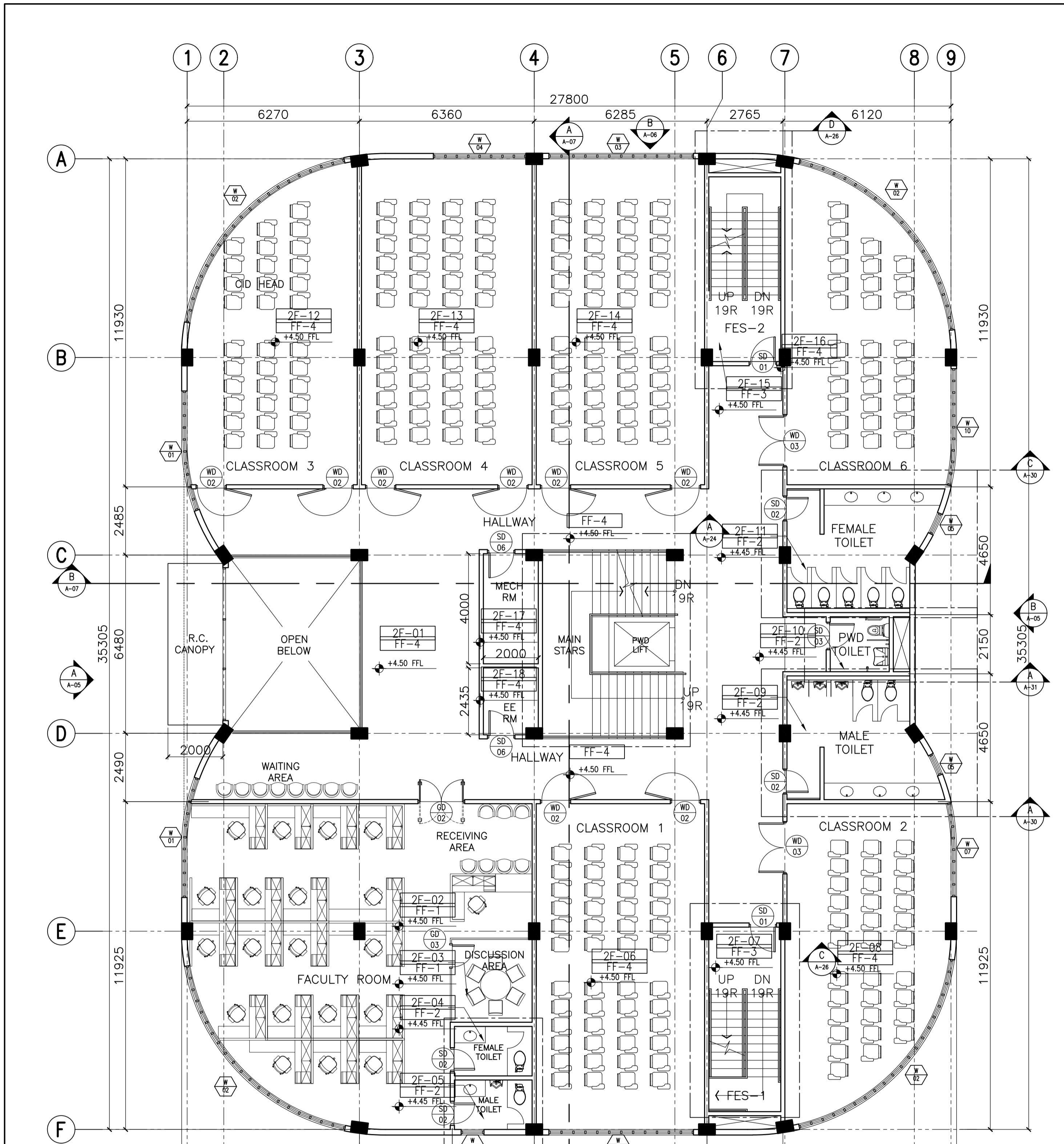
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

LOCATION: Brgy. Rizal, Odiongan, Romblon

SHEET CONTENTS:
 BASEMENT FLOOR PLAN
 GROUND FLOOR PLAN

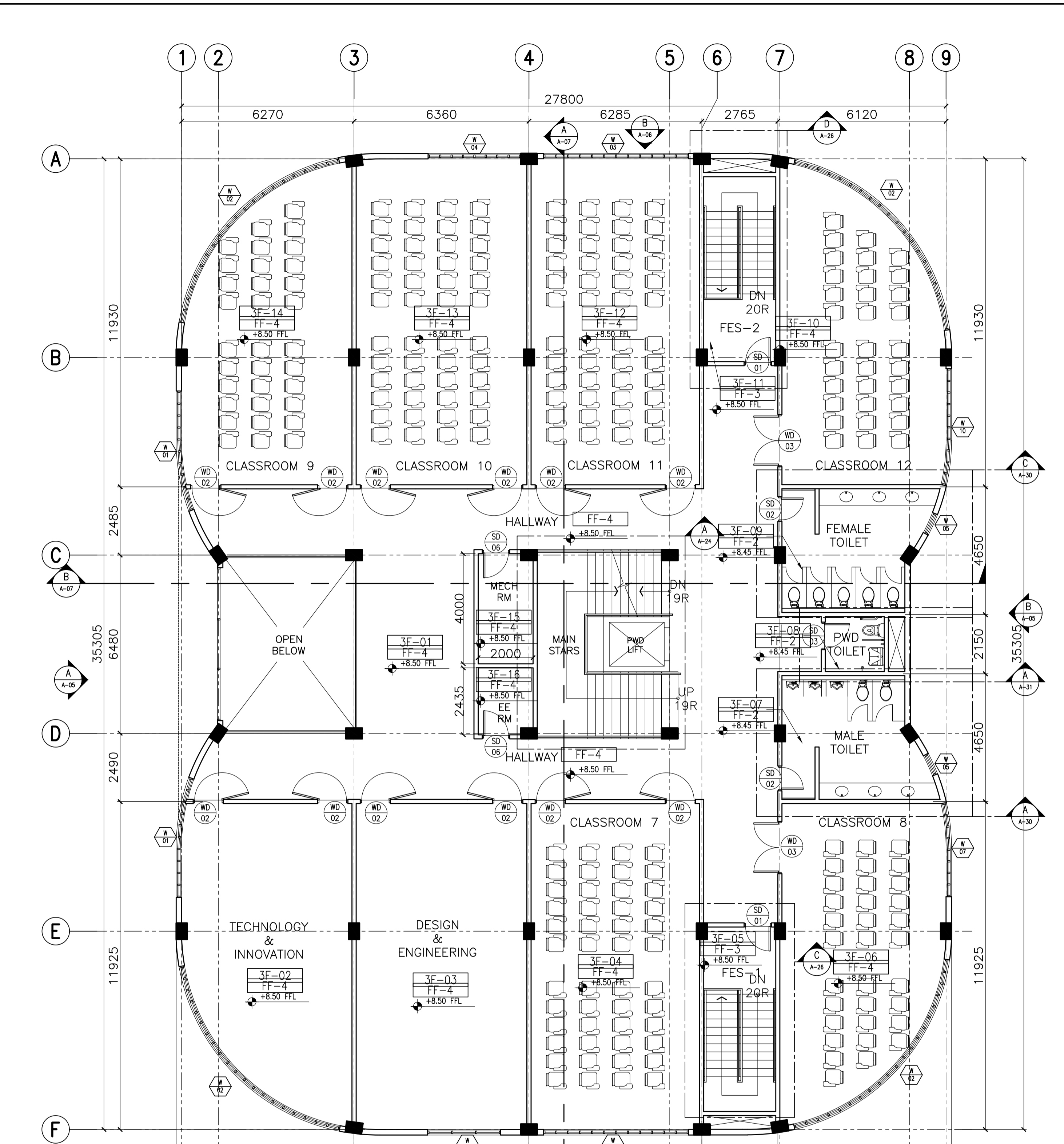
SHEET NO.:
A
 02 37



FLOOR FINISHES SCHEDULE	
FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENEOUS TILES
FF-2	300mm x 300mm HOMOGENEOUS TILES (NON-SKID)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING

LEGEND	
RF-000	ROOM NUMBER TAG
FFL FTL LVL	FINISH FLOOR LEVEL

A ACADEMIC BUILDING II
SECOND FLOOR PLAN
SCALE: 1:100m



B ACADEMIC BUILDING II
THIRD FLOOR PLAN
SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH

ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LAYUNGA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 9004
FAX NOS: 927 0608;
426 7214

ARCHITECT: **HENRY STEVE R. OLONAN**
ARCHITECT

PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: **PROPOSED ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

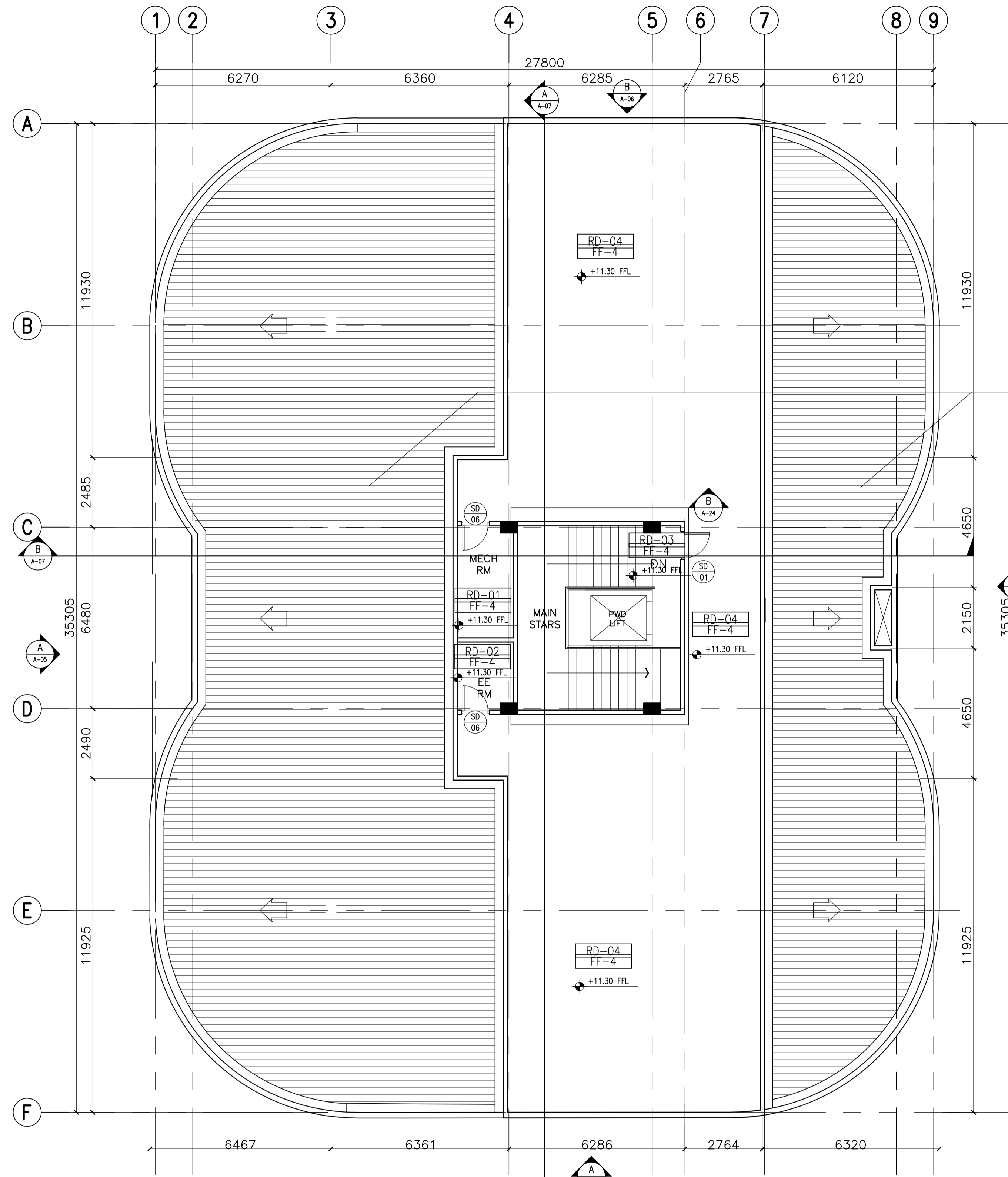
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
BASEMENT FLOOR PLAN
GROUND FLOOR PLAN

SHEET NO: **A**
03 37



GA 24 PRE PAINTED LONGSPAN RIBTYPE GI SHEET ROOFING WITH 16KG ACI FIBERGLASS INSULATION ON ONE FACE FOIL COVER, COMPLETE WITH LEAK PROOFING SYSTEM AND ACCESSORIES ON STANDARD STEEL ROOF FRAMING SYSTEM W/ 50mm ROCKWOOL INSULATION SYSTEM

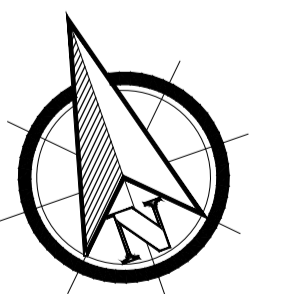
FLOOR FINISHES SCHEDULE

FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES
FF-2	300mmX300mm HOMOGENOUS TILES (NON-SKID)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING

LEGEND

GF-000	ROOM NUMBER TAG
FIN. FLR. LVL.	FINISH FLOOR LEVEL

A ACADEMIC BUILDING II
ROOF DECK PLAN
 A-04 SCALE: 1:100m



ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVERVILLE
 AVE. LOROGA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 5002-04
 FAX NOS: 927 0608;
 426 7214

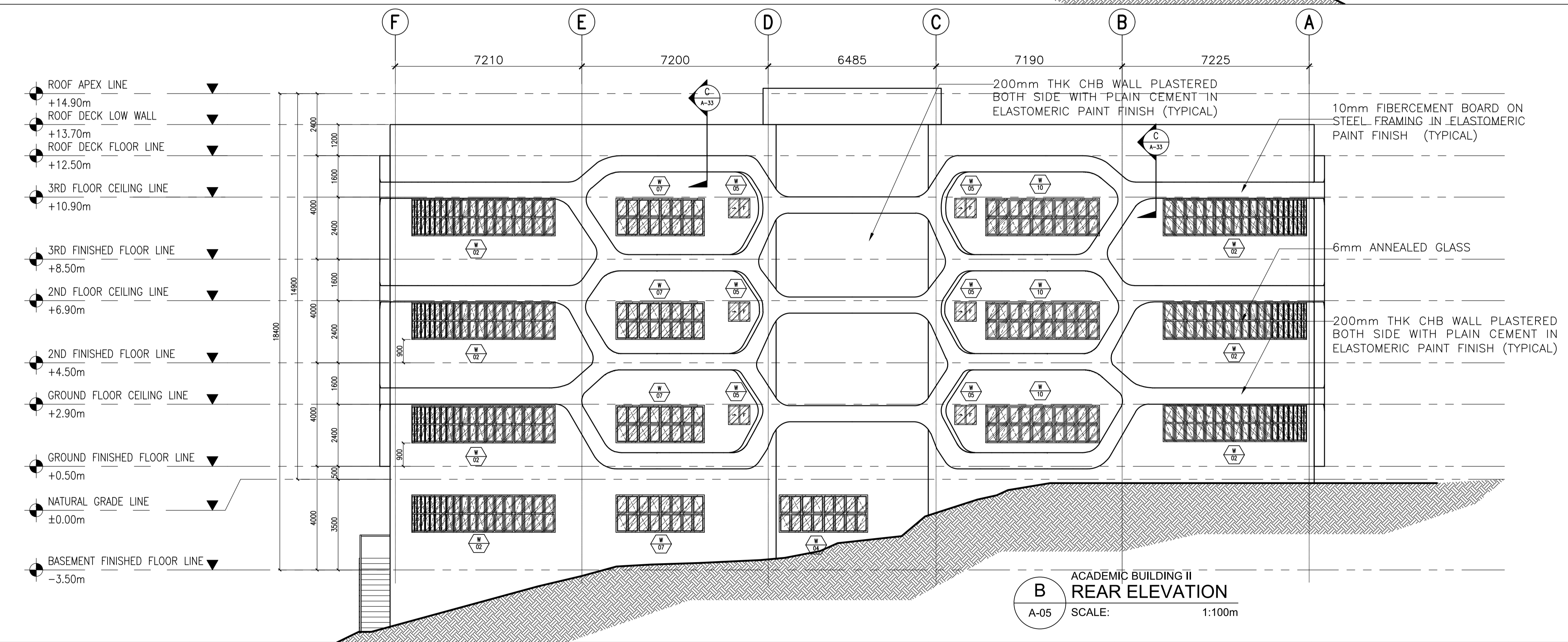
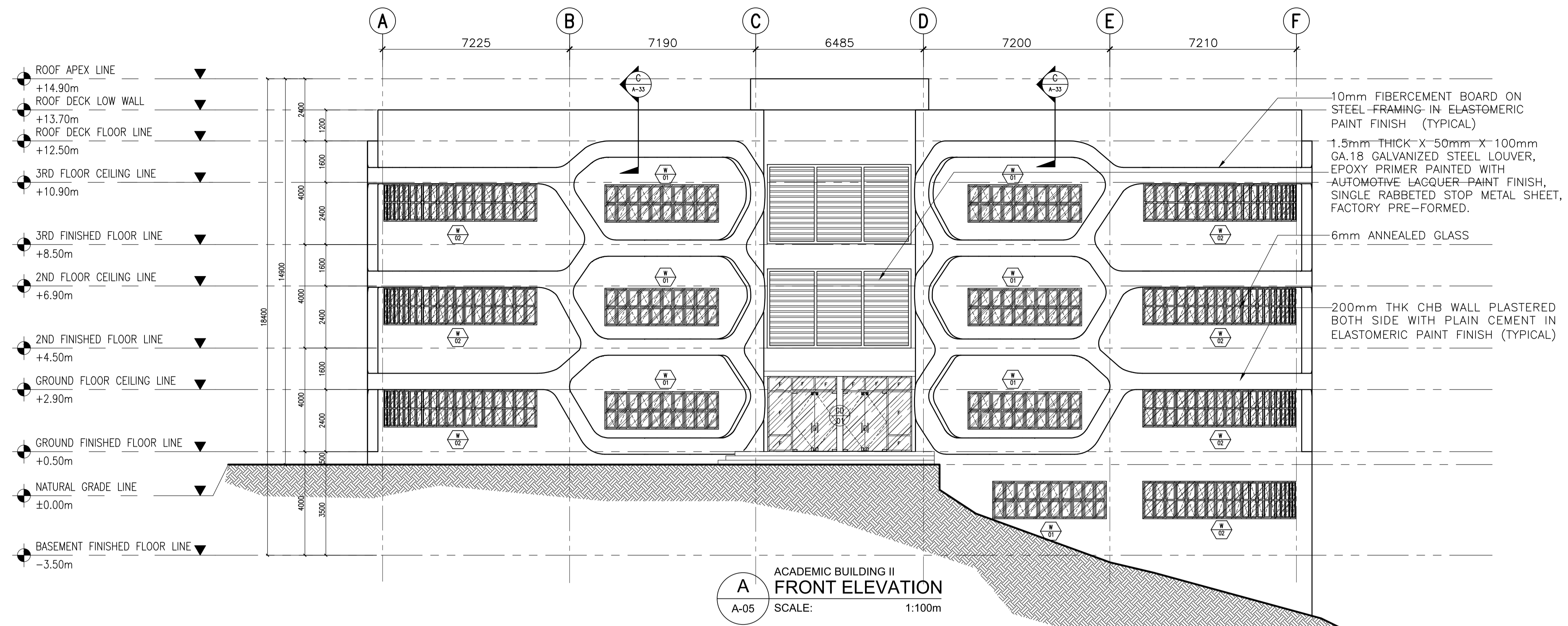
ARCHITECT:	HENRY STEVE R. OLONAN ARCHITECT
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110




REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPUTATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

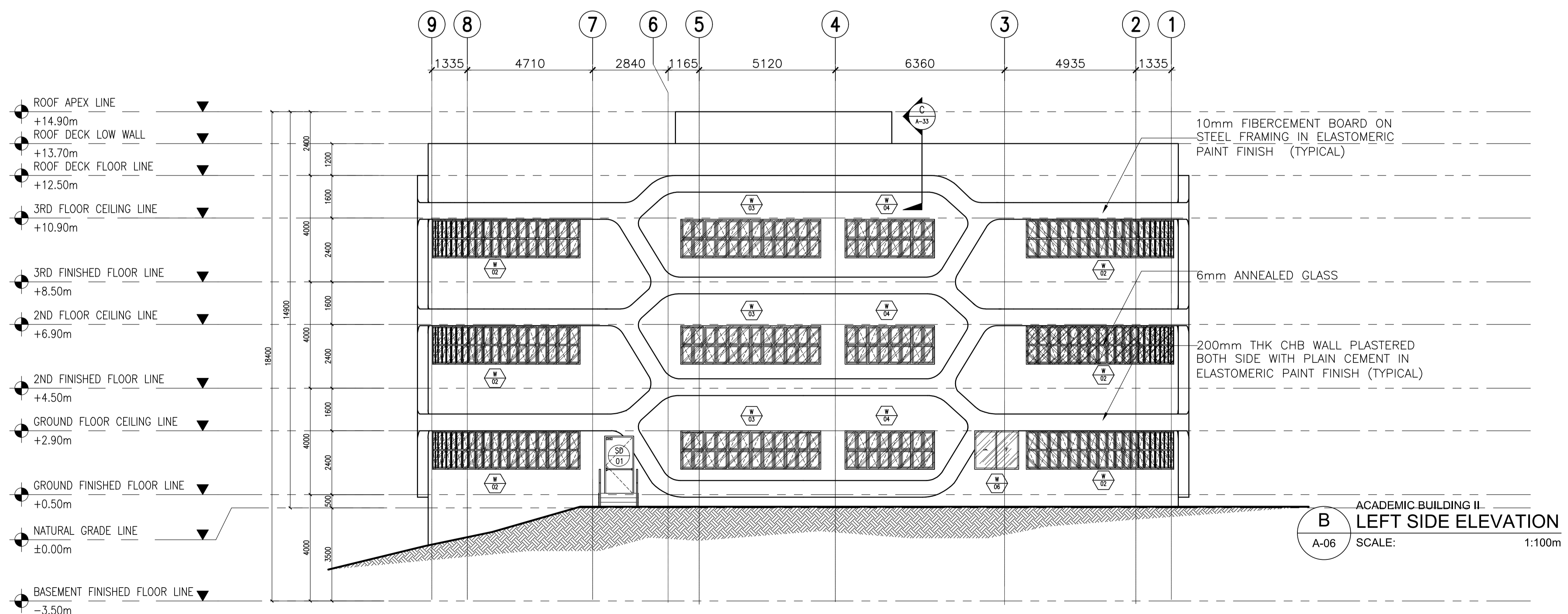
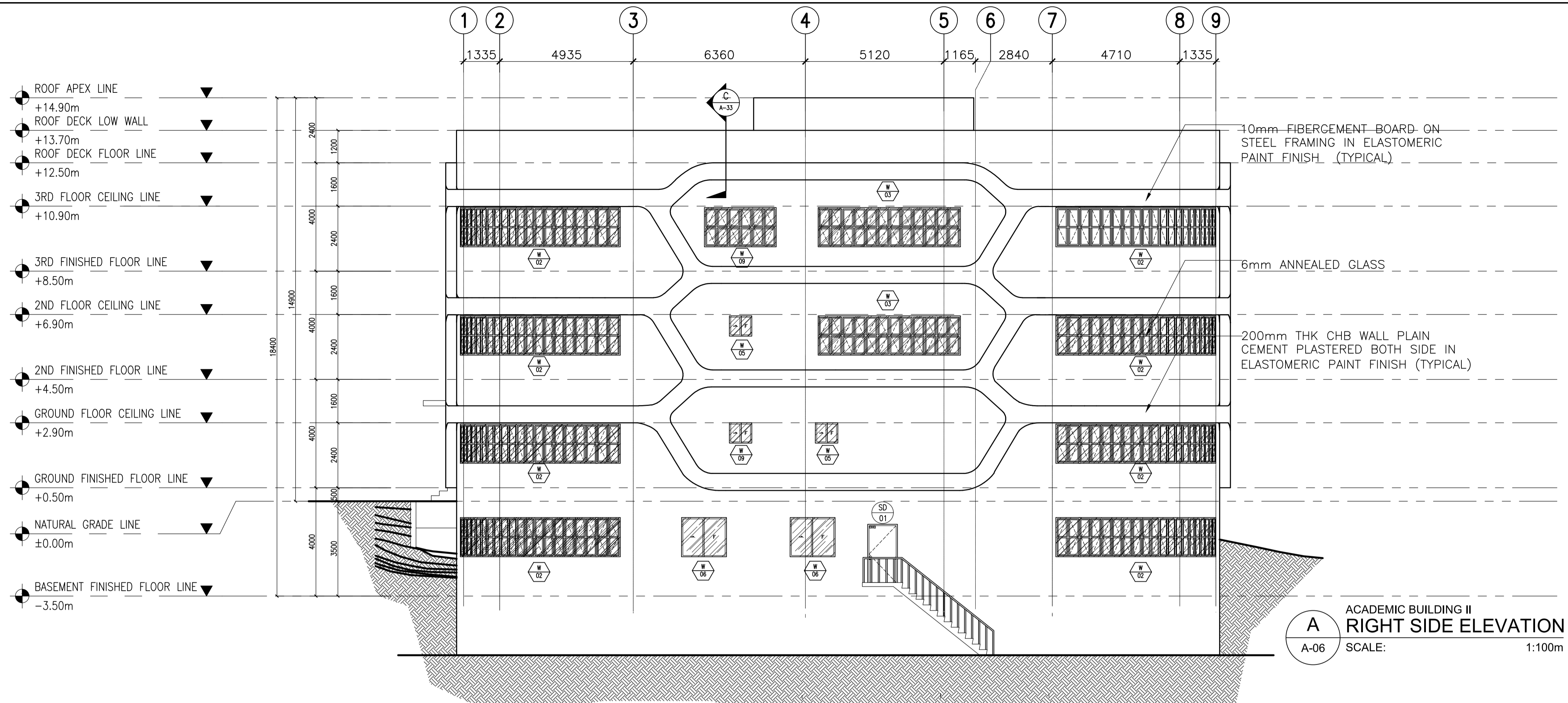
PROJECT:	PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:	REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
LOCATION:	Brgy. Rizal, Odiongan, Romblon

RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS:	ROOF DECK PLAN
SHEET NO:	A 04 37



 ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH  ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT PRC No. 17726 Validity: 04/27/2024 PTR No. 0732073 Date: 01/11/2021 Place: QUEZON CITY TIN: 106186110	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRONT ELEVATION REAR ELEVATION	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">A</div> <div style="font-size: 18px; font-weight: bold; margin-right: 5px;">05</div> <div style="font-size: 18px; font-weight: bold; margin-left: 5px;">37</div> </div>
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE. LORON HIGHLANDS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 3002-04 FAX NOS: 927 0608; 426 7214							



ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

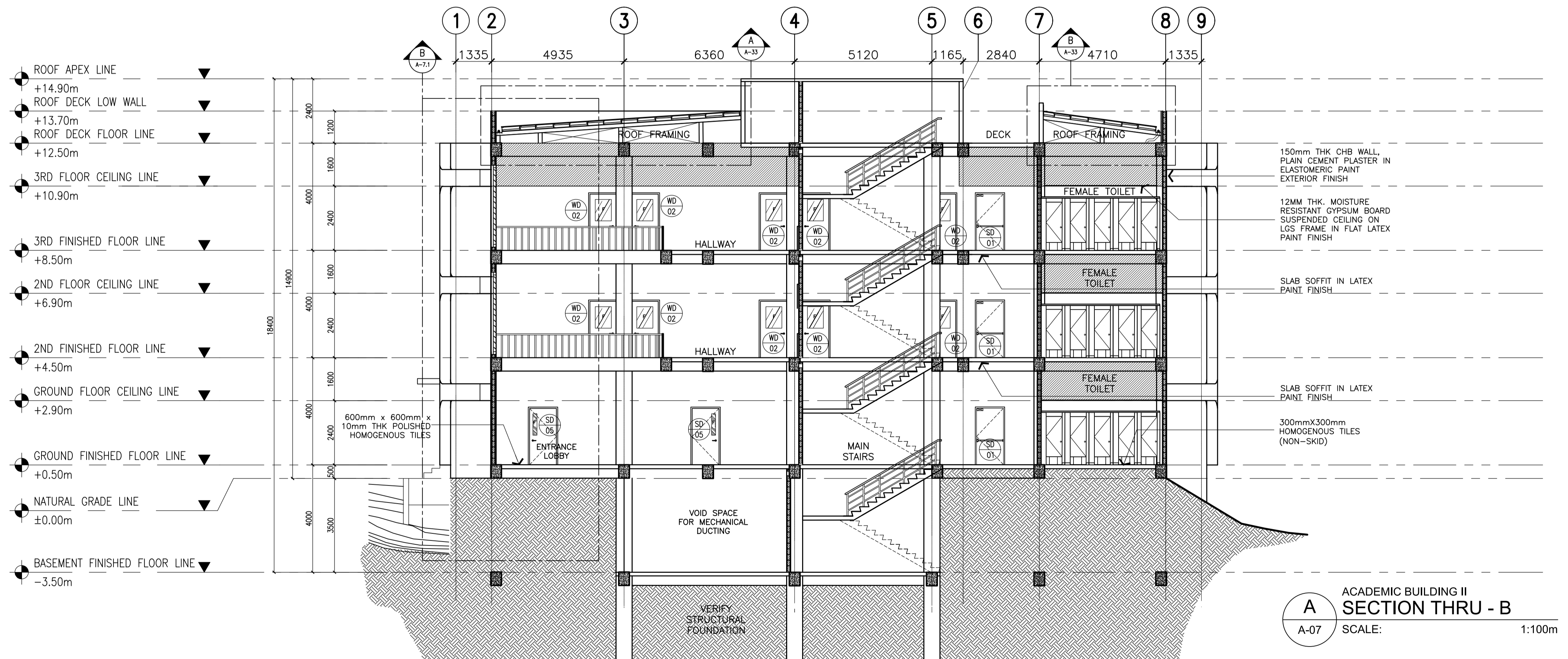
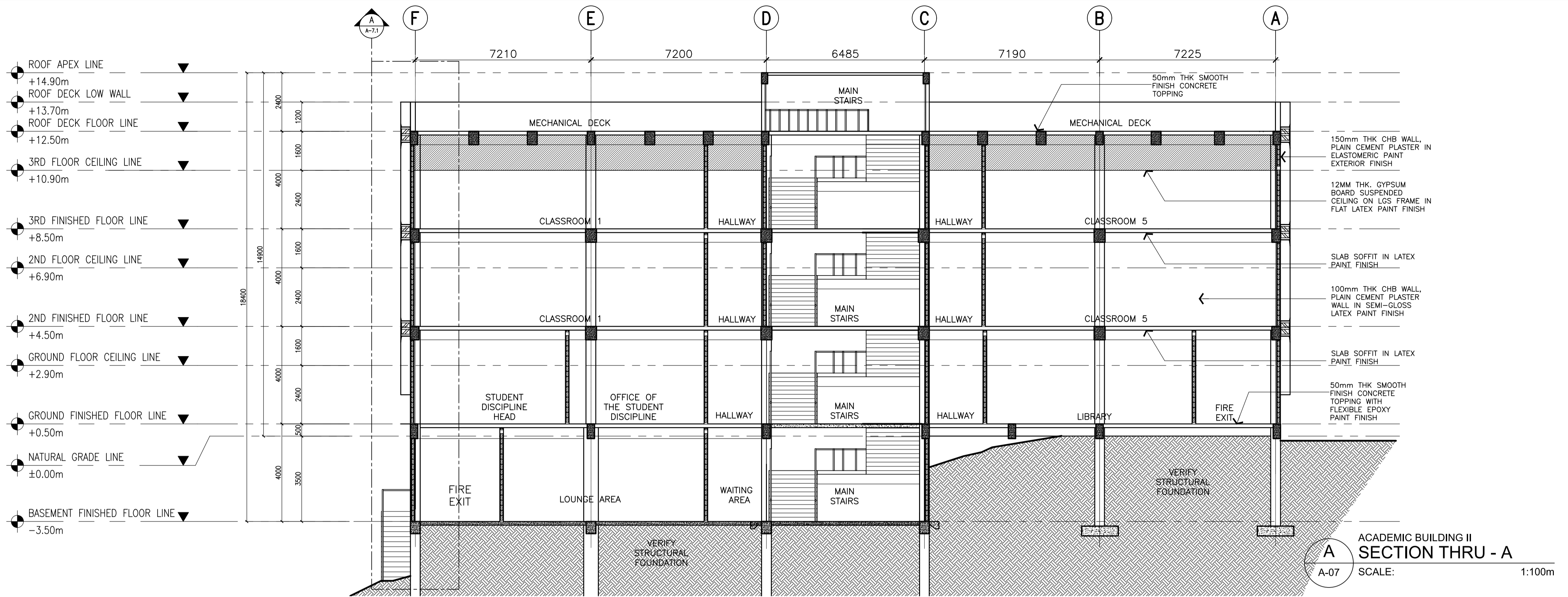
DESIGNED FOR:
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

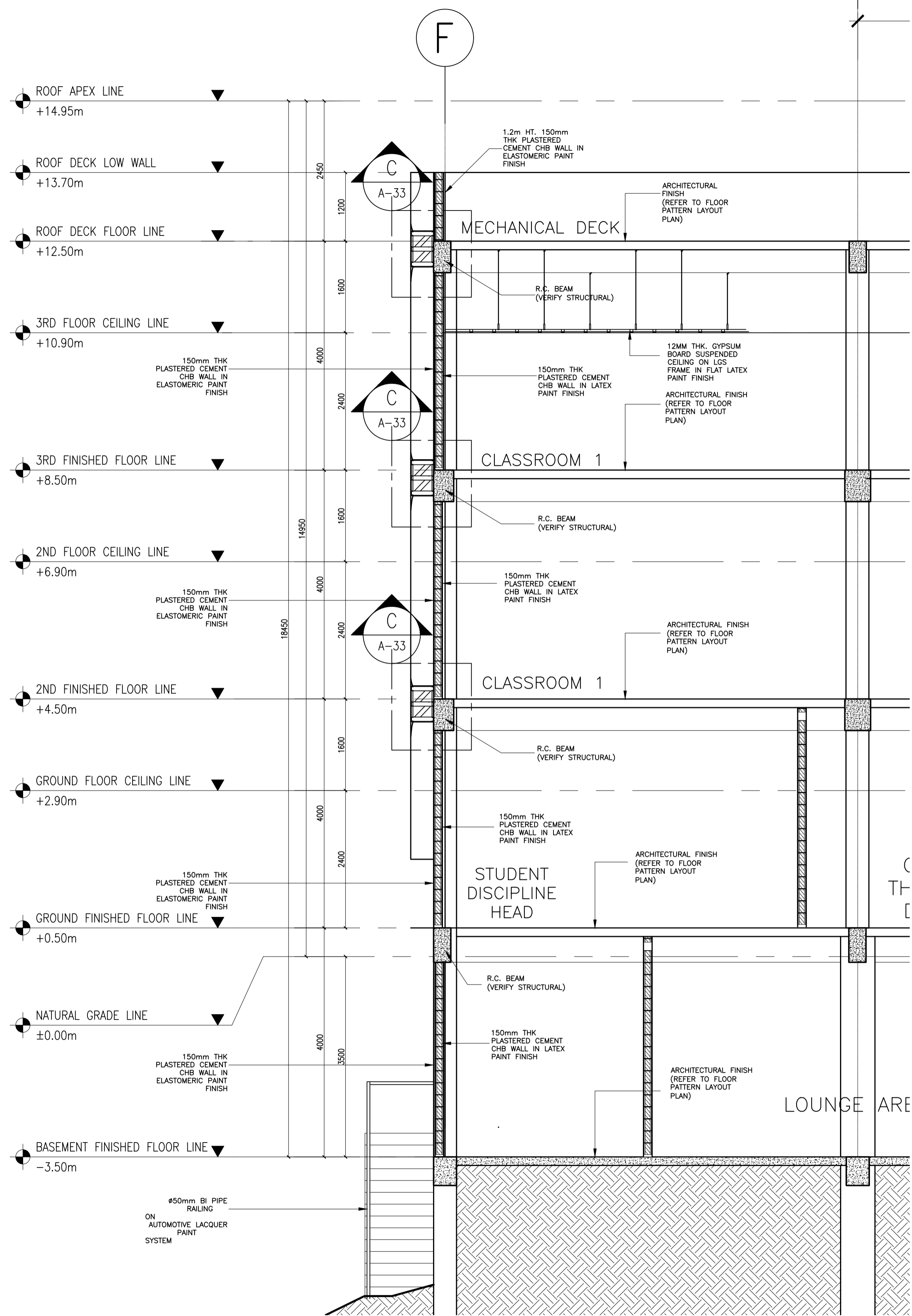
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 LEFT SIDE ELEVATION
 RIGHT SIDE ELEVATION

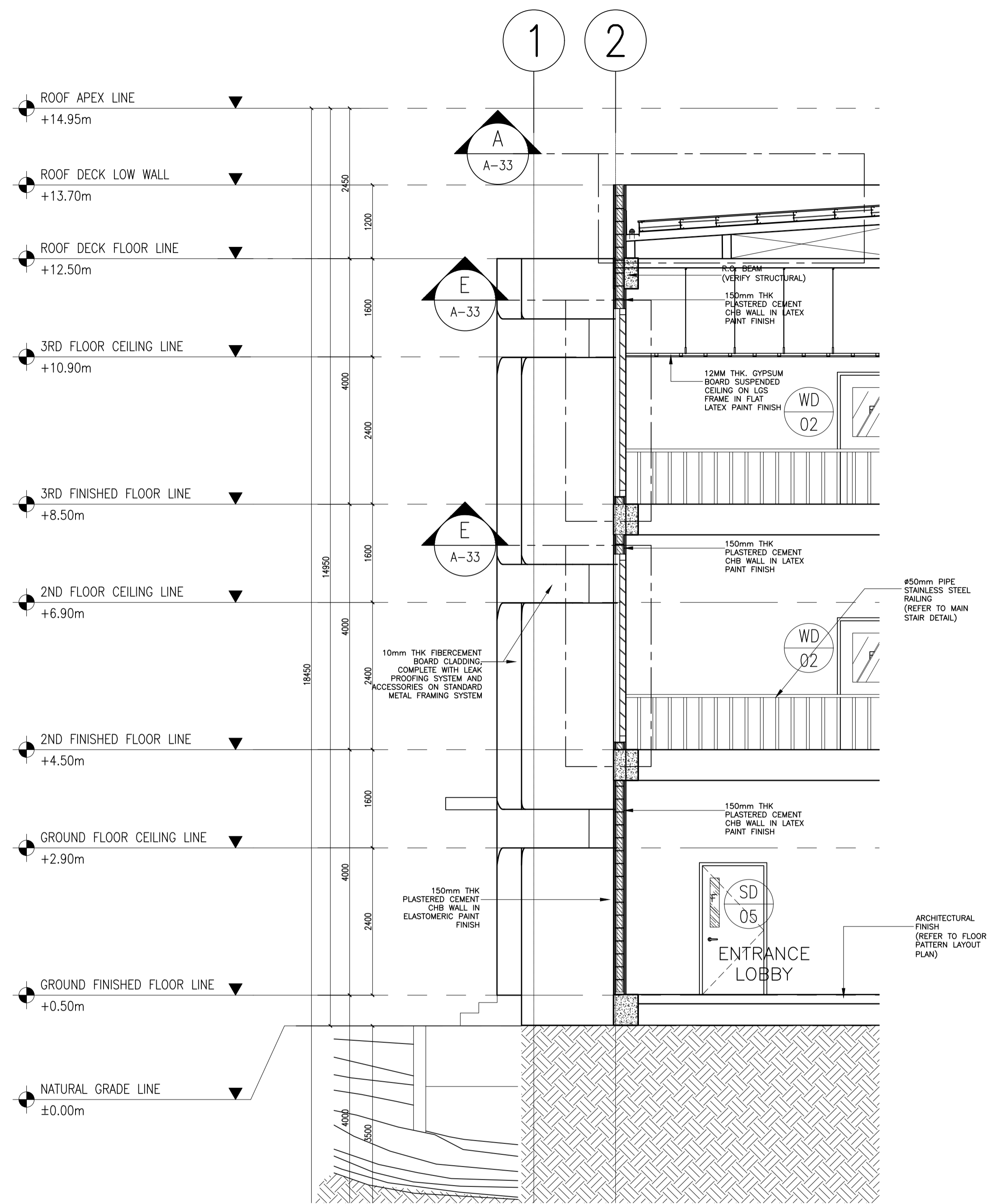
SHEET NO:
A
 06 37



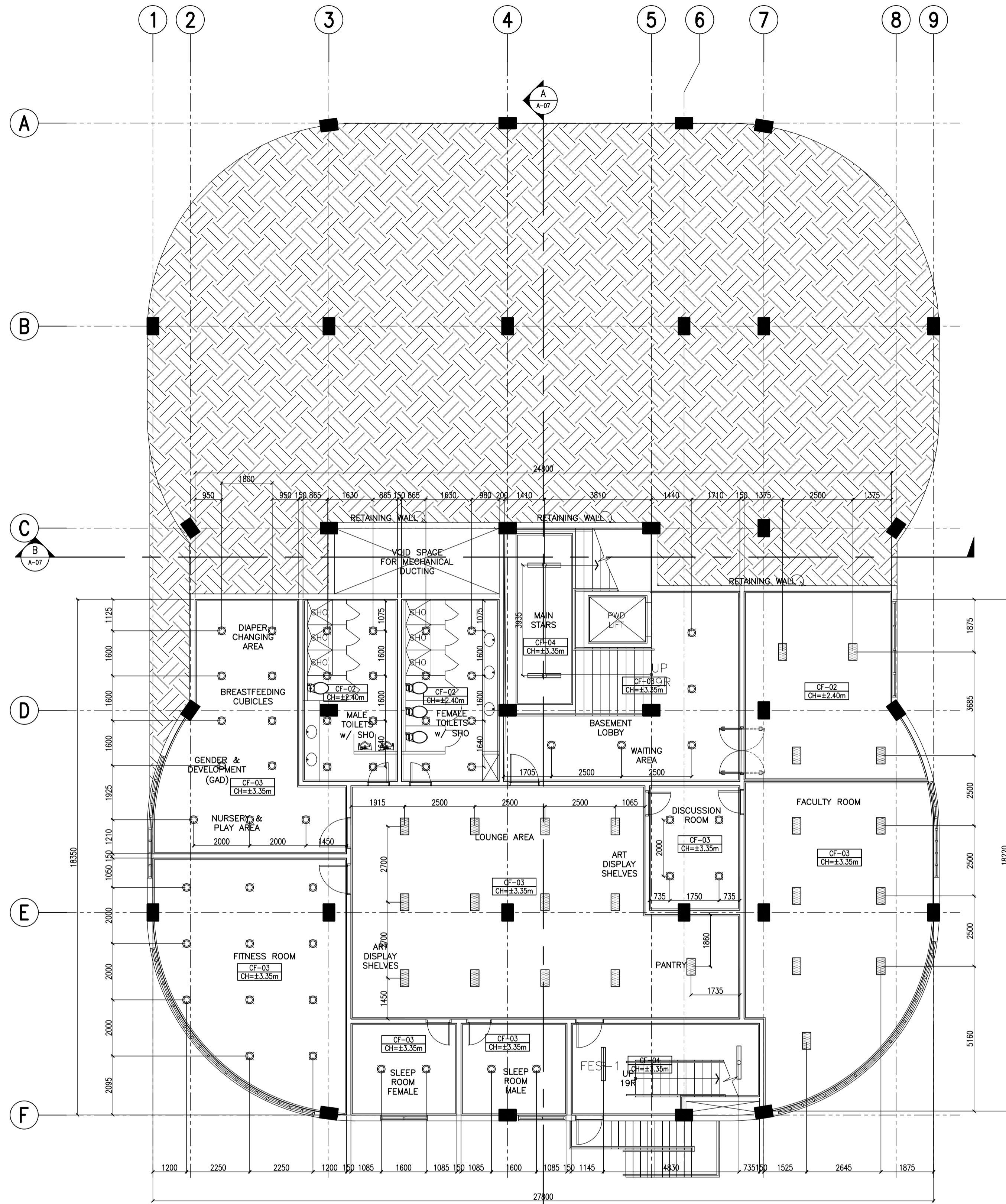
<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS</p> <p><small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LORONCA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 420 7000; 420 3000-04 FAX: NOS: 927 0608; 426 7214</small></p> <p>ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>ARCHITECT:</p> <p>HENRY STEVE R. OLONAN ARCHITECT</p> <p>PRC No. 17726 Validity: 04/27/2024 PTR No. 0732073 Date: 01/11/2021 Place: QUEZON CITY TIN: 106186110</p>	<p>REPUBLIC ACT 9266</p> <p><small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small></p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II</p> <p>LOCATION: Brgy. Rizal, Odiongan, Romblon</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>SECTIONS</p>	<p>SHEET NO:</p> <p>A 07 37</p>
--	--	--	---	---	--	---	--	--



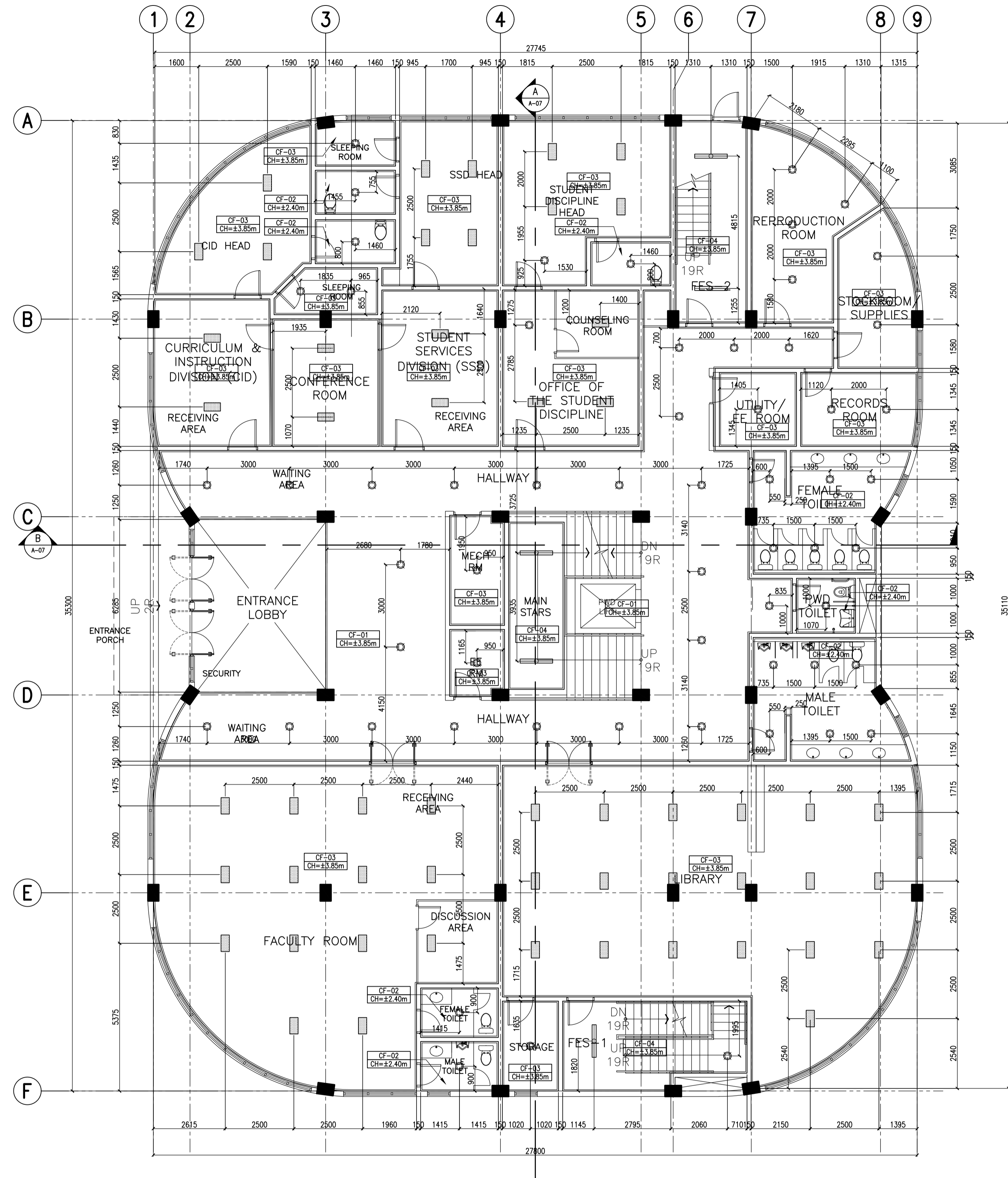
A
ACADEMIC BUILDING II
BAY SECTION A
A-07.1 SCALE: 1:50m



B
ACADEMIC BUILDING II
BAY SECTION B
A-07.1 SCALE: 1:50m



A
ACADEMIC BUILDING II
BASEMENT REFLECTED CEILING PLAN
A-08 SCALE: 1:100m



B
ACADEMIC BUILDING II
GROUND FLOOR REFLECTED CEILING PLAN
A-08 SCALE: 1:100m

LEGEND	
	CF-01 12mm THK GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX BASED PAINT FINISH
	CF-02 12mm THK MOISTURE RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
	CF-03 SLAB SOFFIT IN LATEX PAINT FINISH
	CF-04 STAIR SOFFIT IN LATEX PAINT FINISH
	CF-05 150mm X 1.2m X 6mm PVC SPANDREL CEILING PANELS ON STEEL FURRING FRAMING

ENRIQUE O. OLANON & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOROVILLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7000;
426 3000-04
FAX NOS: 927 0608;
426 7214

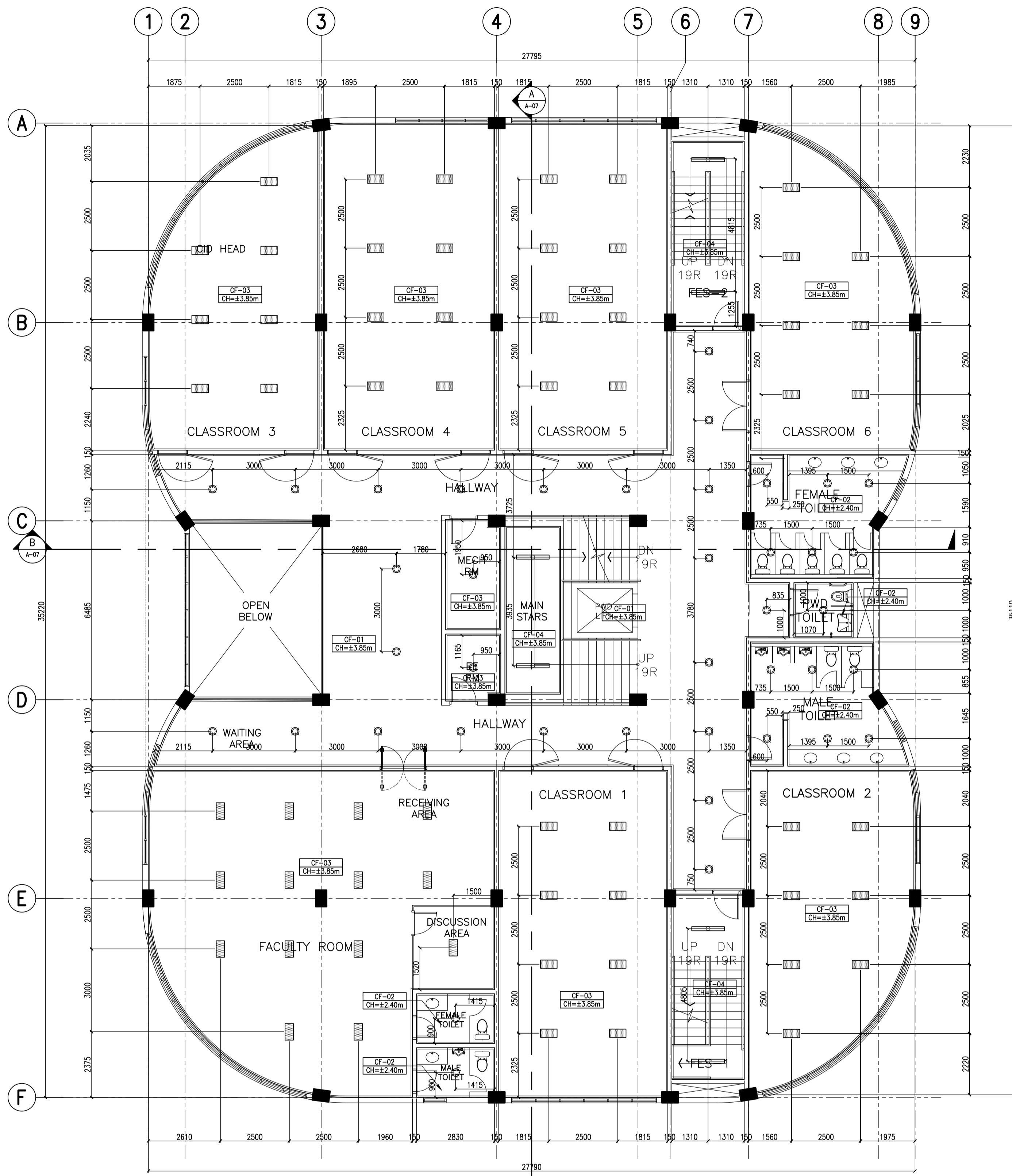
ENRIQUE O. OLANON & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:	HENRY STEVE R. OLANON ARCHITECT
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

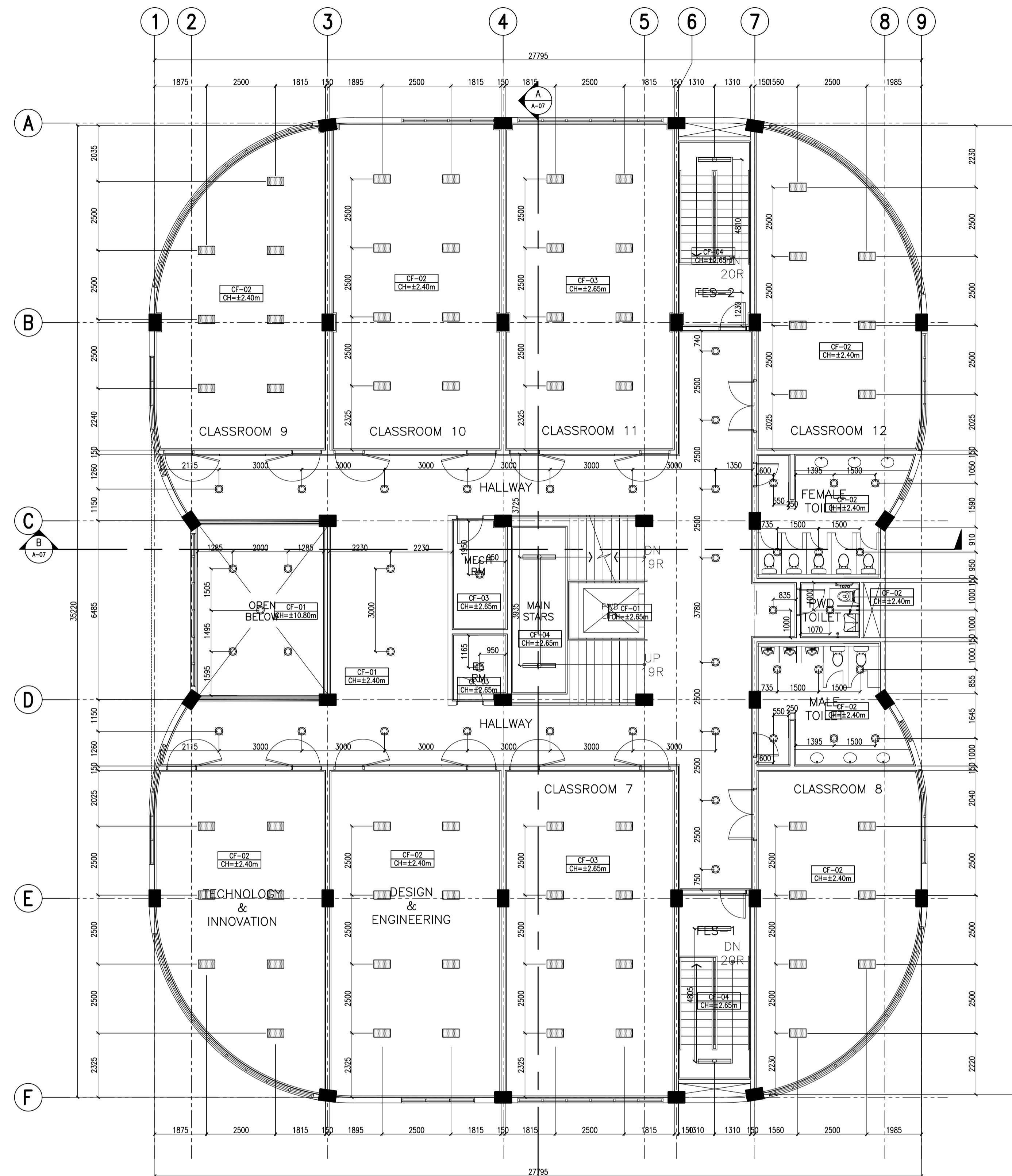
REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:	 REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
LOCATION:	Brgy. Rizal, Odiangan, Romblon

SHEET CONTENTS:	BASEMENT REFLECTED CEILING PLAN GROUND FLOOR REFLECTED CEILING PLAN
SHEET NO.:	A 08 37



A ACADEMIC BUILDING II
SECOND FLOOR REFLECTED CEILING PLAN
 A-09 SCALE: 1:100m



B ACADEMIC BUILDING II
THIRD FLOOR REFLECTED CEILING PLAN
 A-09 SCALE: 1:100m

LEGEND		
	32 WATS, 2 PCS., FLUORESCENT DUSTPROOF LUMINAIRE LED LIGHT	CF-01
	9 WATS, 2 PCS., FLUORESCENT LUMINAIRE LED LIGHT	CF-02
	12 WATS, LED SQUARE DOWNLIGHT	CF-03
	12 WATS, LED ROUND DOWNLIGHT	CF-04
	9 WATS, 2 PCS., FLUORESCENT LUMINAIRE LED LIGHT	CF-05
	12mm THK. GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX BASED PAINT FINISH	CF-06
	12mm THK. MOISTURE RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH	CF-07
	SLAB SOFFIT IN LATEX PAINT FINISH	CF-08
	STAIR SOFFIT IN LATEX PAINT FINISH	CF-09
	150mm X 1.2m X 6mm PVC SPANDREL CEILING PANELS ON STEEL FURRING FRAMING	CF-10

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LORON, BRIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 3024
 FAX NOS: 927 0688;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

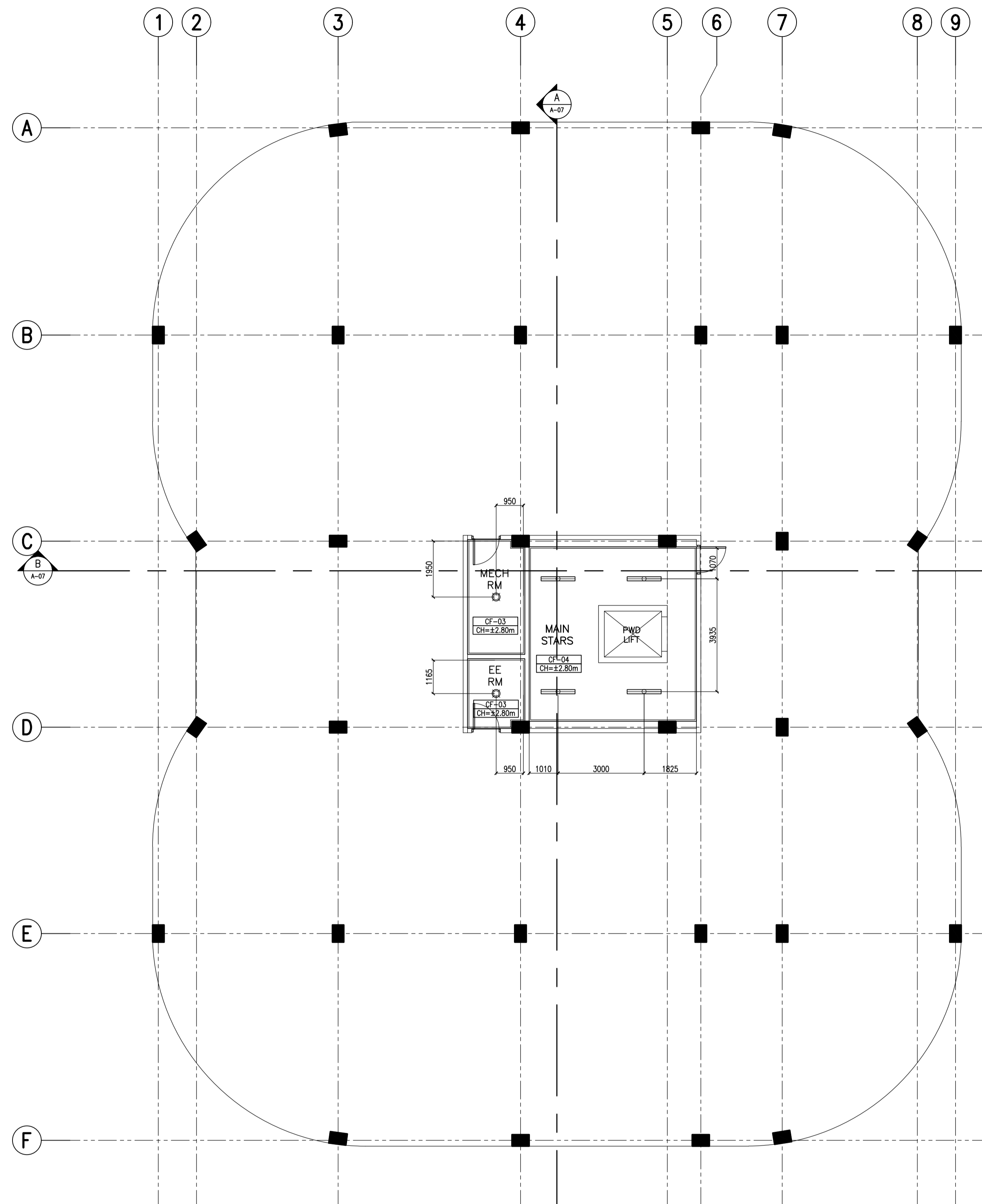
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

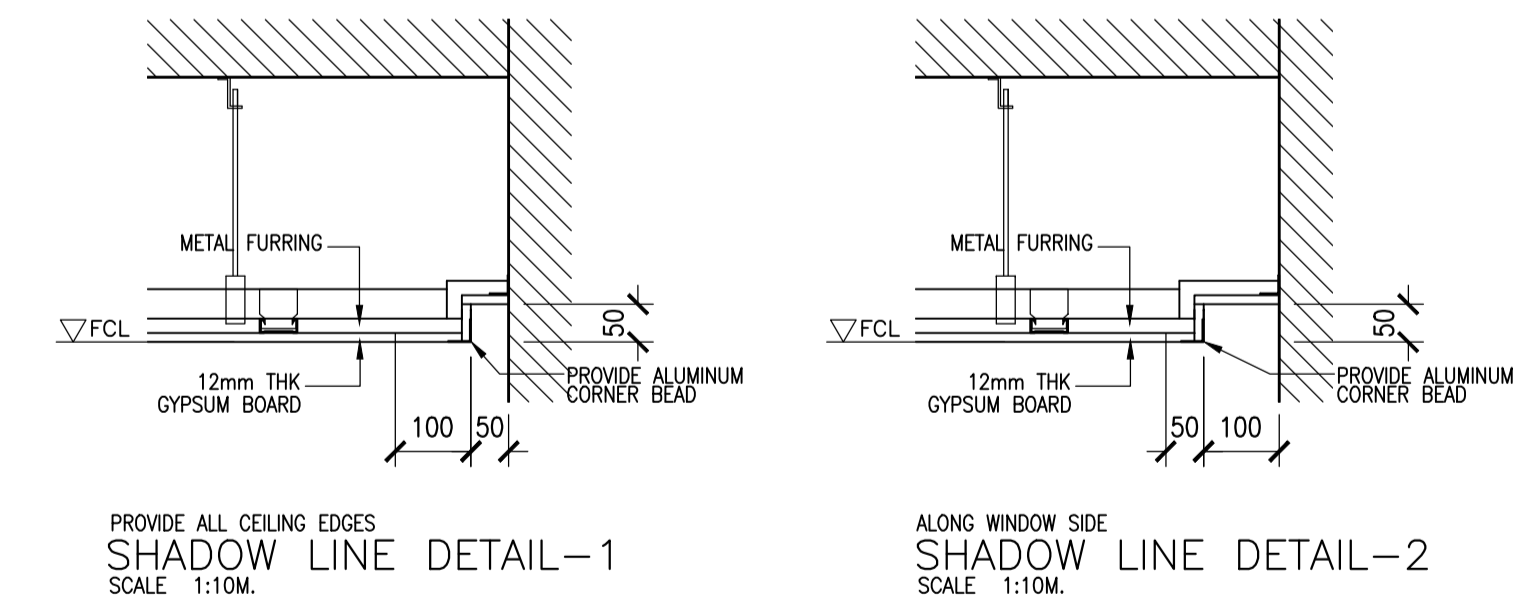
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SECOND FLOOR REFLECTED CEILING PLAN
 THIRD FLOOR REFLECTED CEILING PLAN

SHEET NO:
A
 09 37



A ACADEMIC BUILDING II
ROOF DECK REFLECTED CEILING PLAN
 A-10 SCALE: 1:100m



PROVIDE ALL CEILING EDGES
SHADOW LINE DETAIL-1
 SCALE: 1:10M.

ALONG WINDOW SIDE
SHADOW LINE DETAIL-2
 SCALE: 1:10M.

B ACADEMIC BUILDING II
CEILING DETAILS
 A-10 SCALE: NTS

LEGEND	
	32 WATTS, 2 PCS., FLUORESCENT DUSTPROOF LUMINAIRE LED LIGHT
	9 WATTS, 2 PCS., FLUORESCENT LUMINAIRE LED LIGHT
	12 WATTS, LED SQUARE DOWNLIGHT
	12 WATTS, LED ROUND DOWNLIGHT
	9 WATTS, 2 PCS., FLUORESCENT LUMINAIRE LED LIGHT

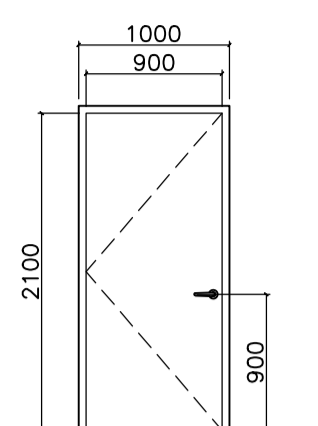
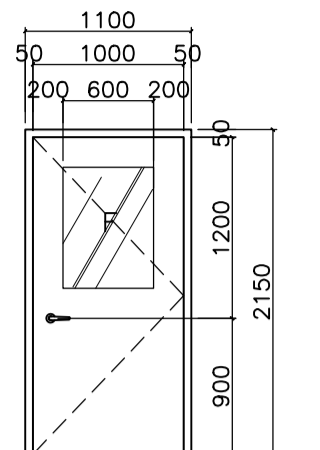
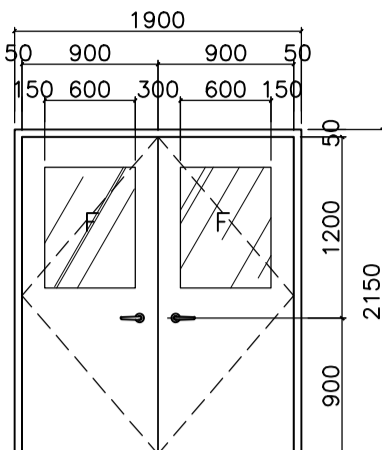
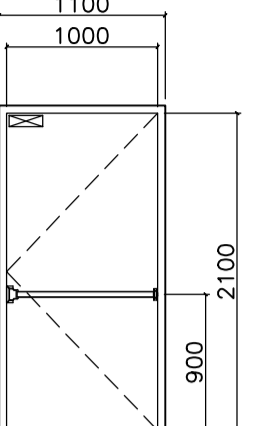
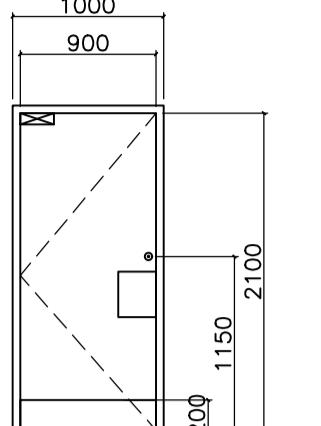
ARCHITECT:	
HENRY STEVE R. OLONAN ARCHITECT	
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

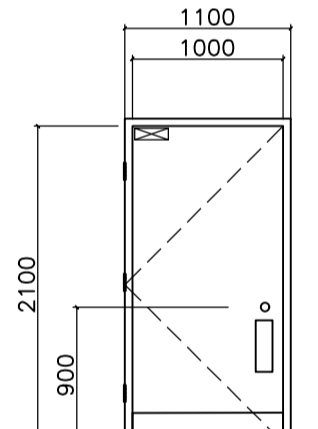
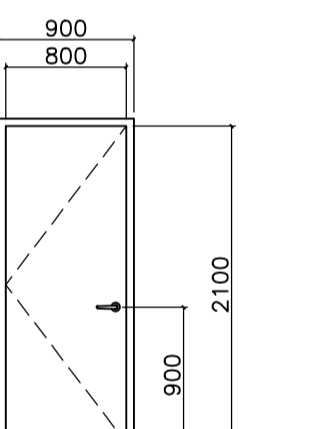
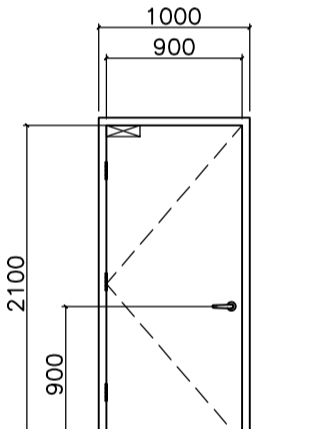
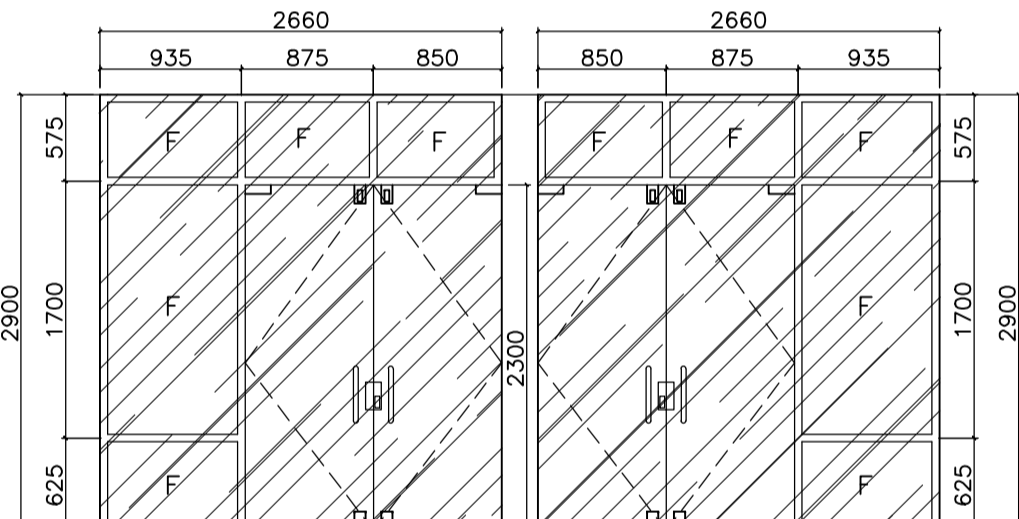
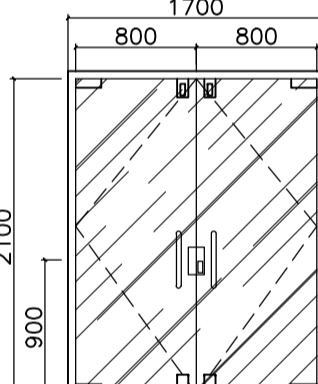
REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

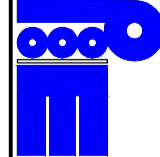


PROJECT:	PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:	REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
SHEET CONTENTS:	ROOF DECK REFLECTED CEILING PLAN
SHEET NO.:	A 10 37

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

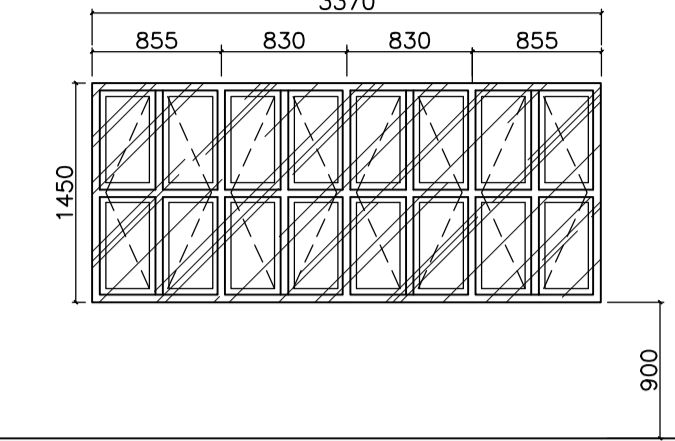
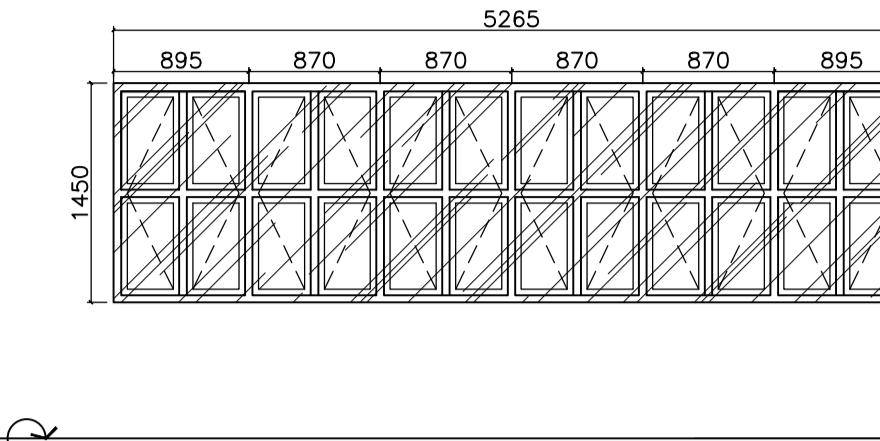
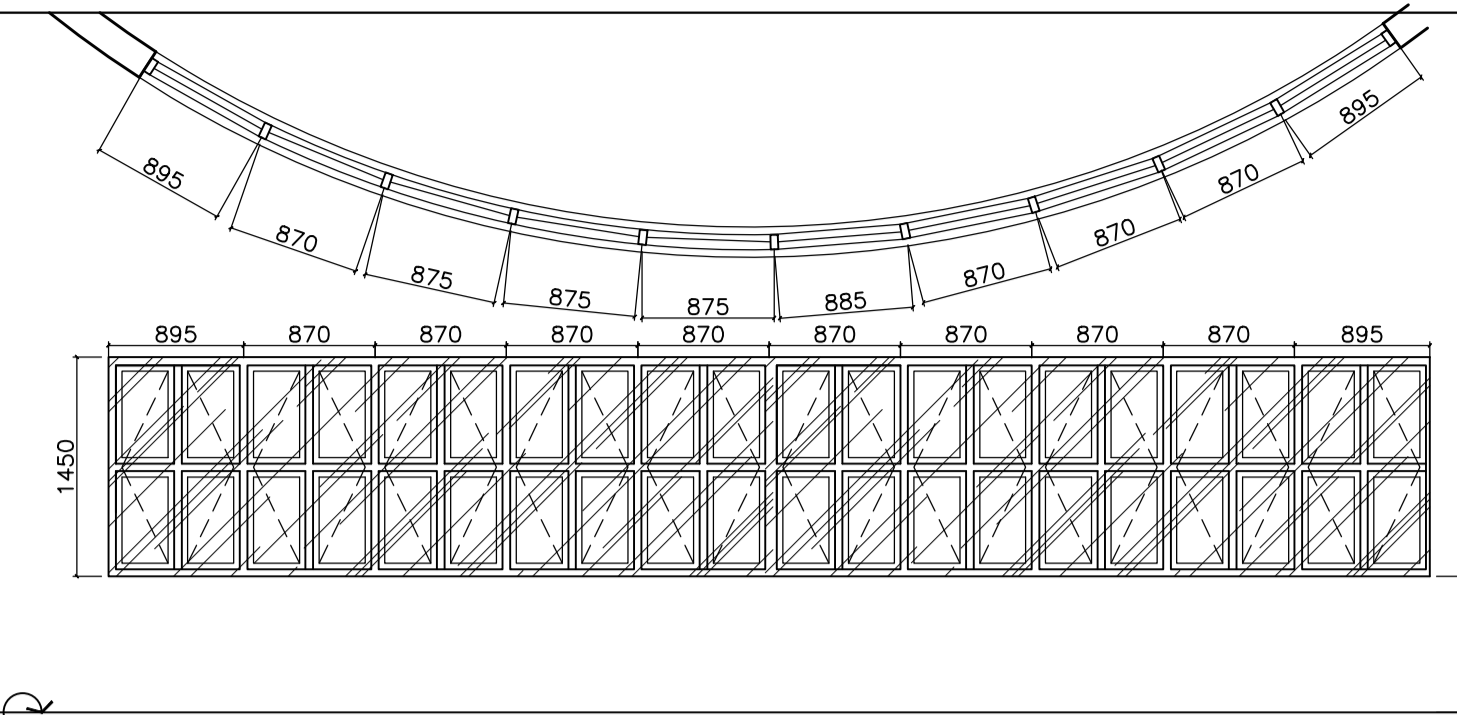
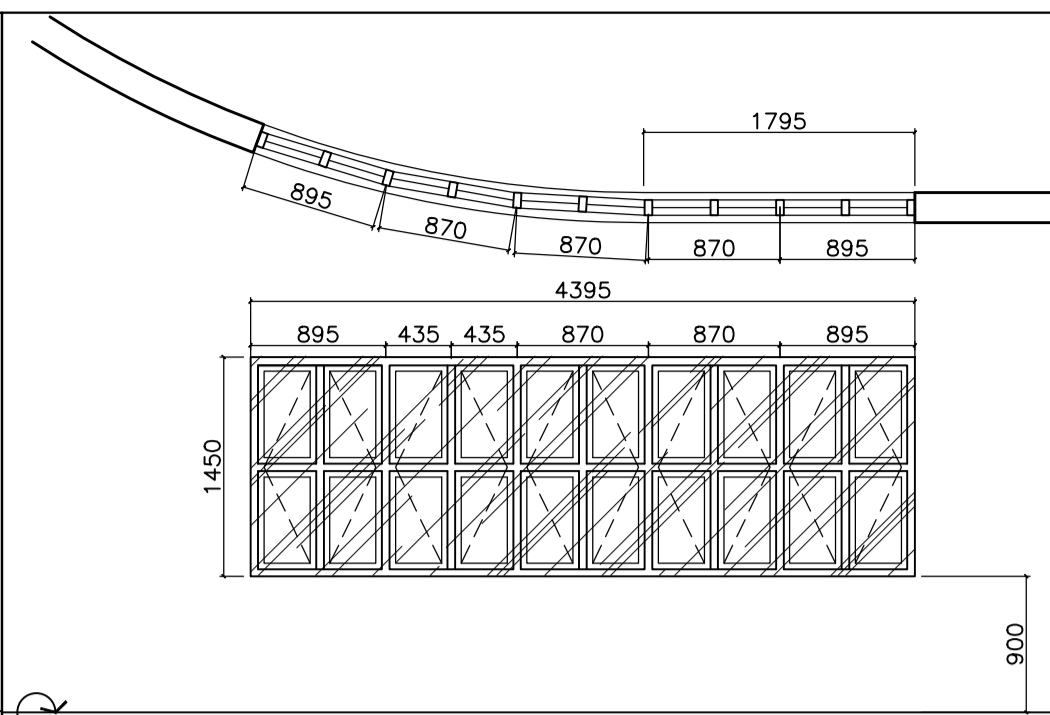
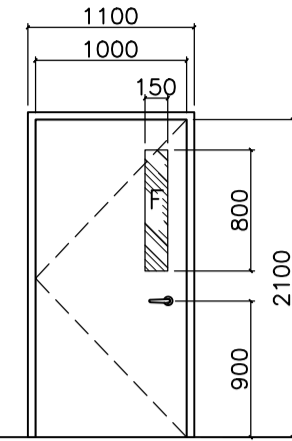
SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LOYOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 6608;
 426 7214

				
DOOR TAG: WD 01	DOOR TAG: WD 02	DOOR TAG: WD 03	DOOR TAG: SD 01	DOOR TAG: SD 02
LOCATION: SLEEPING ROOMS	LOCATION: CLASSROOMS	LOCATION: CLASSROOMS	LOCATION: FIRE EXITS	LOCATION: TOILETS
DESCRIPTION: WOOD DOOR - SINGLE LEAF, SINGLE SWING, HOLLOW CORE FRAMED DOOR.	DESCRIPTION: WOOD DOOR, SINGLE LEAF, 180 SWING, HOLLOW CORE FRAMED DOOR WITH 6mm THK GLASS VIEW PANEL.	DESCRIPTION: WOOD DOOR, DOUBLE LEAF, SINGLE SWING, HOLLOW CORE FRAMED DOOR WITH 6mm THK GLASS VIEW PANEL.	DESCRIPTION: STEEL DOOR, SINGLE LEAF, SINGLE SWING, HOLLOW CORE METAL DOOR WITH 2 HOUR FIRE RATING. WITH FIRE EXIT DEVICE.	DESCRIPTION: SINGLE LEAF, HOLLOW CORE METAL DOOR
FINISHES: - 44mm THICK WOOD DOOR FRAMES WITH 4.5 THICK CLASS "A" MARINE PLYWOOD DOOR SKIN, OIL STAINED FINISH TOP WITH CLEAR GLOSS LACQUER TOP COAT FINISH.	FINISHES: 44mm THICK WOOD DOOR FRAMES WITH 4.5 THICK CLASS "A" MARINE PLYWOOD DOOR SKIN, OIL STAINED FINISH TOP WITH CLEAR GLOSS LACQUER TOP COAT FINISH.	FINISHES: 44mm THICK WOOD DOOR FRAMES WITH 4.5 THICK CLASS "A" MARINE PLYWOOD DOOR SKIN, OIL STAINED FINISH TOP WITH CLEAR GLOSS LACQUER TOP COAT FINISH.	FINISHES: - 44mm THICK METAL DOOR FRAMES WITH 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.	FINISHES: - 44mm THICK METAL DOOR FRAMES WITH 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.
HARDWARE: - ANSI GRADE 2, UL LISTED CYLINDRICAL LEVER TYPE LOCKSET IN SATIN CHROME FINISH, ENTRANCE FUNCTION (J.L. BARON 4000L) - 3 PCS. FULL-MORTISE 2-BALL BEARING HINGES 4" x 4" x 3.0MM THK. UL LISTED (J.L. BARON) - ALUMINUM SADDLE THRESHOLDS (PEMKO)	HARDWARE: ANSI GRADE 2, UL LISTED CYLINDRICAL LEVER TYPE LOCKSET IN SATIN CHROME FINISH, ENTRANCE FUNCTION (J.L. BARON 4000L) 3 PCS. FULL-MORTISE 2-BALL BEARING HINGES 4" x 4" x 3.0MM THK. UL LISTED (J.L. BARON)	HARDWARE: ANSI GRADE 2, UL LISTED CYLINDRICAL LEVER TYPE LOCKSET IN SATIN CHROME FINISH, ENTRANCE FUNCTION (J.L. BARON 4000L) 3 PCS. FULL-MORTISE 2-BALL BEARING HINGES 4" x 4" x 3.0MM THK. UL LISTED (J.L. BARON)	HARDWARE: -4 PCS. FULL-MORTISE BALL BEARING HINGES - FIRE RATED RIM EXIT DEVICE IN SATIN CHROMIUM FINISH. - 1 SET SURFACE MOUNT IN ALUMINUM PLATED FINISH.	HARDWARE: - 4 PCS. FULL-MORTISE BALL BEARING HINGES - ONE WAY DEADBOLT LOCK, SATIN CHROMIUM PLATED FINISH - 2 SETS PUSH PLATE: RADIUS CORNER 76 x 305 x 1.6MM - 1 SET PULL PLATE: ROUND CORNER 76 x 305 x 1.6MM - 1 SET SURFACE MOUNT, HOLD OPEN STANDARD ARM, ALUM. PLATED FINISH - 300 MM HEIGHT x DOOR WIDTH STAINLESS STEEL KICKPLATE
JAMB/FRAME: FROM 2" X 4" S4S KILN DRY TANGUILE WOOD.	JAMB/FRAME: FROM 2" X 4" S4S KILN DRY TANGUILE WOOD.	JAMB/FRAME: FROM 2" X 4" S4S KILN DRY TANGUILE WOOD.	JAMB/FRAME: 1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.	JAMB/FRAME: 1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.
NO. OF SETS: 3 SETS	NO. OF SETS: 8 SETS	NO. OF SETS: 1 SETS	NO. OF SETS: 10 SETS	NO. OF SETS: 15 SETS
NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.

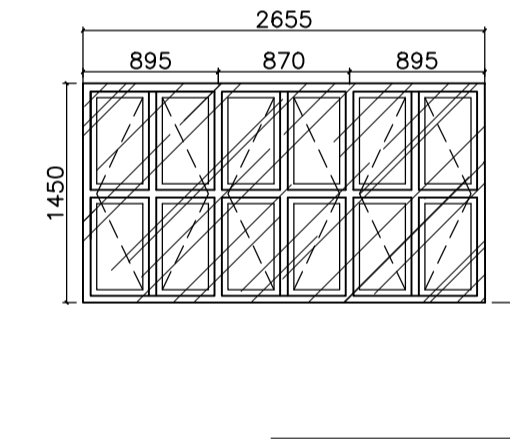
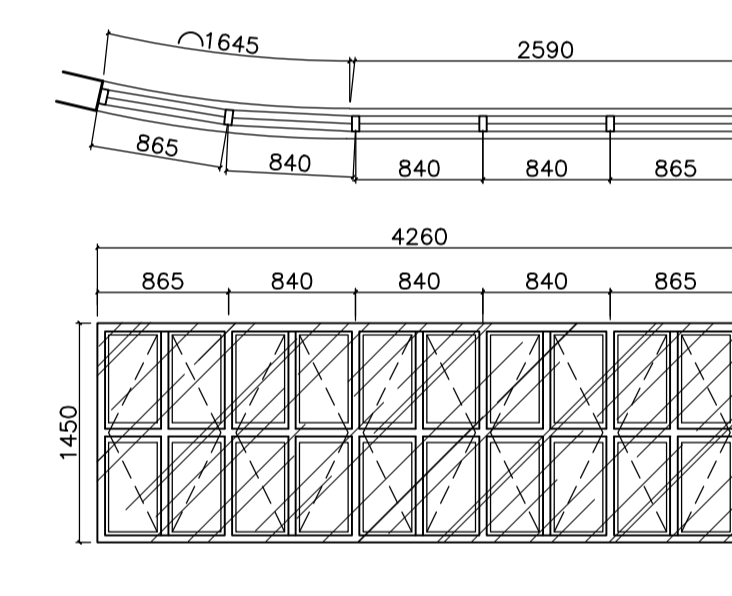
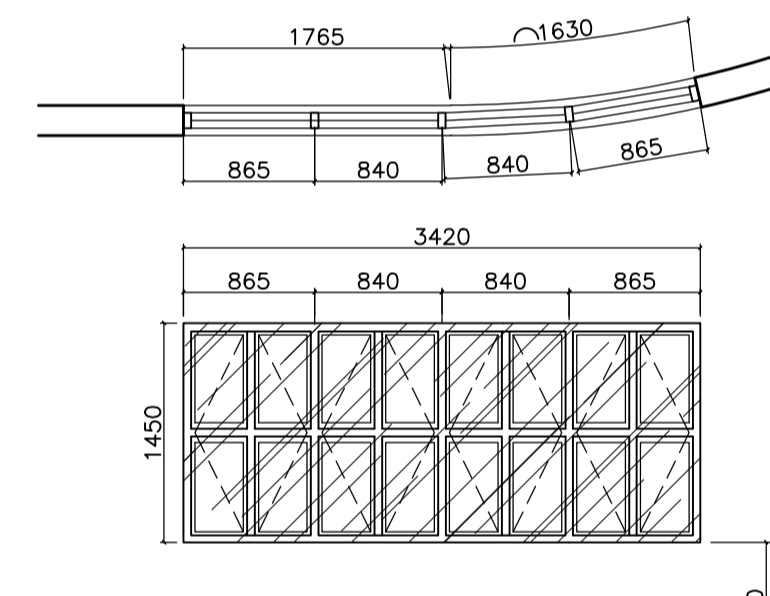
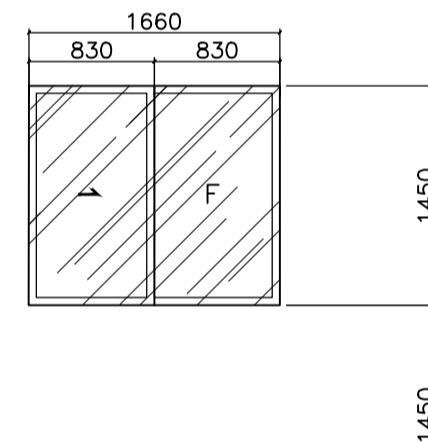
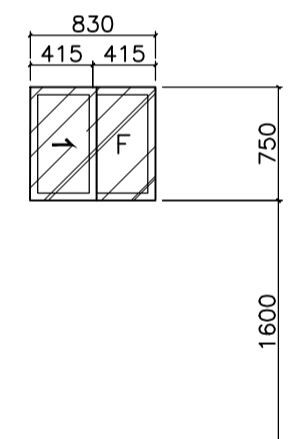
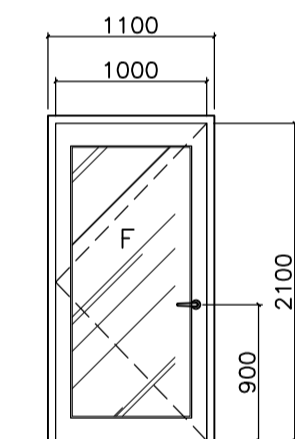
				
DOOR TAG: SD 03	DOOR TAG: SD 04	DOOR TAG: SD 06	DOOR TAG: GD 01	DOOR TAG: GD 02
LOCATION: PWD TOILETS	LOCATION: STORAGES	LOCATION: UTILITY ROOMS, EE ROOMS, MECHANICAL ROOMS	LOCATION: MAIN DOOR	LOCATION: FACULTY ROOM, LIBRARY
DESCRIPTION: SINGLE LEAF, HOLLOW CORE METAL DOOR	DESCRIPTION: STEEL DOOR - SINGLE LEAF,	DESCRIPTION: SINGLE LEAF, HOLLOW CORE METAL DOOR, WITH 2 HOUR FIRE RATING.	DESCRIPTION: FRAMED GLASS DOOR; DOUBLE LEAF, SINGLE SWING DOOR PANELS. WITH FIXED GLASS PANELS AND TRANSOM	DESCRIPTION: FRAMED GLASS DOOR; DOUBLE LEAF, SINGLE SWING DOOR PANELS.
FINISHES: - 44mm THICK METAL DOOR FRAMES WITH 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.	FINISHES: - 44mm THICK METAL DOOR FRAMES WITH 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.	FINISHES: - 44mm THICK METAL DOOR FRAMES WITH 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.	FINISHES: 12MM THK TEMPERED GLASS ON STANDARD POWDER COATED ALUMINUM FINISH	FINISHES: 12MM THK TEMPERED GLASS ON STANDARD POWDER COATED ALUMINUM FINISH
HARDWARE: - 4 PCS. FULL-MORTISE BALL BEARING HINGES - ONE WAY DEADBOLT LOCK, SATIN CHROMIUM PLATED FINISH - 2 SETS PUSH PLATE: RADIUS CORNER 76 x 305 x 1.6MM - 1 SET PULL PLATE: ROUND CORNER 76 x 305 x 1.6MM - 1 SET SURFACE MOUNT, HOLD OPEN STANDARD ARM, ALUMINUM PLATED FINISH - 300 MM HEIGHT x DOOR WIDTH STAINLESS STEEL KICKPLATE	HARDWARE: - 8 PCS. FULL-MORTISE BALL BEARING HINGES 114 x 114mm x 3.0MM THK STAINLESS STEEL WITH ST. STEEL PIN x BHMA 630 - HEAVY DUTY CYLINDRICAL LEVER KEYED-LOCKSET IN SATIN CHROMIUM PLATED FINISH - 2 SETS SURFACE MOUNTED, HOLD OPEN (PUSH SIDE), SLIDE CHANNEL ARM - HEAVY DUTY CYLINDRICAL LEVER DUMMY TRIMANSI IN SATIN CHROMIUM PLATED FINISH	HARDWARE: - 4 PCS. FULL-MORTISE BALL BEARING HINGES - HEAVY DUTY CYLINDRICAL LEVER KEYED-LOCKSET, SATIN CHROMIUM PLATED FINISH - 1 SET SURFACE MOUNT, HOLD OPEN STANDARD ARM, ALUMINUM PLATED FINISH	HARDWARE: - STAINLESS STEEL CORROSION CLASS 5 FLOOR HINGE - TOP AND BOTTOM DEADBOLT SATIN CHROMIUM PLATED FINISH - 2 SETS OFFSET MOUNTING VERTICAL PULL HANDLES 32MM DIA x 2300MM	HARDWARE: - STAINLESS STEEL CORROSION CLASS 5 FLOOR HINGE - TOP AND BOTTOM DEADBOLT SATIN CHROMIUM PLATED FINISH - 2 SETS OFFSET MOUNTING VERTICAL PULL HANDLES 32MM DIA x 2300MM
JAMB/FRAME: 1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.	JAMB/FRAME: 1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.	JAMB/FRAME: 1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.	JAMB/FRAME: 1.2MM THK X 50MM X 100MM CLOSE TUBE ALUMINUM SECTION POWDER COATED FINISH	JAMB/FRAME: 1.2MM THK X 50MM X 100MM CLOSE TUBE ALUMINUM SECTION POWDER COATED FINISH
NO. OF SETS: 3 SETS	NO. OF SETS: 4 SETS	NO. OF SETS: 9 SETS	NO. OF SETS: 1 SET	NO. OF SETS: 2 SETS
NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE: SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.

 ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE. LOTORAL HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 5003-04 FAX NOS: 927 0608; 426 7214  ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT PRC No. 0732073 Place: QUEZON CITY	VALIDITY: 04/27/2024 Date: 01/11/2021 TIN: 106186110	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: SCHEDULE OF DOORS AND WINDOWS	SHEET NO: A 11 37
--	---	--	---	---	---	---	--	---	-------------------------------

NOTE: ALL WINDOWS WILL HAVE A TUBULAR STEEL GRILLS WITH 300mm SPACING



DOOR TAG	SD 05	WINDOW TAG	W 01	WINDOW TAG	W 02	WINDOW TAG	W 03	WINDOW TAG	W 04
LOCATION	FITNESS ROOM, GENDER & DEVELOPMENT AND OFFICES	LOCATION	GENDER & DEVELOPMENT (GAD), (CID), TECHNOLOGY & INNOVATION, CLASSROOM, FACULTY	LOCATION	FITNESS, FACULTY, CLASSROOM, TECHNOLOGY & INNOVATION	LOCATION	STUDENT DISCIPLINE HEAD, CLASSROOMS	LOCATION	SSD HEAD, CLASSROOMS
DESCRIPTION	STEEL DOOR, SINGLE LEAF, SINGLE SWING, HOLLOW CORE FRAMED DOOR WITH 6mm THK GLASS VIEW PANEL.	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW
FINISHES	44mm THICK METAL DOOR FRAME USING 1.20mm THICK METAL SHEET DOOR SKIN, EPOXY PRIMER PAINTED WITH AUTOMOTIVE LACQUER PAINT FINISH.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.
HARDWARE	4 PCs. FULL-MORTISE BALL BEARING HINGES HEAVY DUTY CYLINDRICAL LEVER KEYED-LOCKSET SATIN CHROMIUM PLATED FINISH 1 SET SURFACE MOUNT, HOLD OPEN STANDARD ARM, ALUMINUM PLATED FINISH 1 SET FLOOR STOP: DOME TYPE-LOW, SATIN CHROMIUM FINISH	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.
JAMB/FRAME	1.5mm THICK X 50mm X 100mm, SINGLE RABBETED STOP METAL SHEET, FACTORY PRE-FORMED.	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR
NO. OF SETS	5 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS
NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.



DOOR TAG	GD 03	WINDOW TAG	W 05	WINDOW TAG	W 06	WINDOW TAG	W 07	WINDOW TAG	W 08	WINDOW TAG	W 09
LOCATION	WAITING AREA, CONFERENCE ROOM, DISCUSSION ROOM, COUNSELING ROOM	LOCATION	TOILET	LOCATION	SLEEPING ROOMS	LOCATION	CLASSROOM, LIBRARY, FACULTY ROOM	LOCATION	CLASSROOMS, RECORD ROOMS	LOCATION	CLASSROOM, FACULTY ROOM
DESCRIPTION	FRAMED GLASS DOOR; SINGLE LEAF, SINGLE SWING DOOR PANELS.	DESCRIPTION	SLIDING WINDOWS	DESCRIPTION	SLIDING WINDOWS	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW	DESCRIPTION	WELDED FLAT & ANGULAR BAR FRAMED CASEMENT WINDOW
FINISHES	12MM THK TEMPERED GLASS ON STANDARD POWDER COATED ALUMINUM FINISH	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.	FINISHES	6mm THK ANNEALED GLASS, COMPLETE WITH SEALANTS AND WEATHER STRIPPING.
HARDWARE	STAINLESS STEEL CORROSION CLASS 5 FLOOR HINGE TOP AND BOTTOM DEADBOLT SATIN CHROMIUM PLATED FINISH 2 SETS OFFSET MOUNTING VERTICAL PULL HANDLES 32MM DIA x 2300MM	HARDWARE	POWDER COATED FINISH ALUMINUM WINDOW FRAME AWNING ALUMINUM FRAMED GLASS WINDOW AND ALUMINUM FRAME WINDOW SCREEN (1/8" MESH) COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	POWDER COATED FINISH ALUMINUM WINDOW FRAME AWNING ALUMINUM FRAMED GLASS WINDOW AND ALUMINUM FRAME WINDOW SCREEN (1/8" MESH) COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.	HARDWARE	COMPLETE WITH CAM HANDLE, HINGES AND STANDARD PARTS & ACCESSORIES.
JAMB/FRAME	1.2MM THK x 50MM x 100MM CLOSE TUBE ALUMINUM SECTION POWDER COATED FINISH	JAMB/FRAME	1.2MM THK x 50MM x 100MM CLOSE TUBE ALUMINUM SECTION POWDER COATED FINISH	JAMB/FRAME	1.2MM THK x 50MM x 100MM CLOSE TUBE ALUMINUM SECTION POWDER COATED FINISH	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR	JAMB/FRAME	WELDED FLAT BAR & ANGULAR BAR
NO. OF SETS	3 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS	NO. OF SETS	6 SETS
NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.	NOTE	SEE PROJECT MANUAL FOR ACCESSORIES AND SPECIFICATIONS DETAIL.

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORRAINE HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 5402-04
FAX NOS: 927 0608;
426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
ARCHITECT

PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

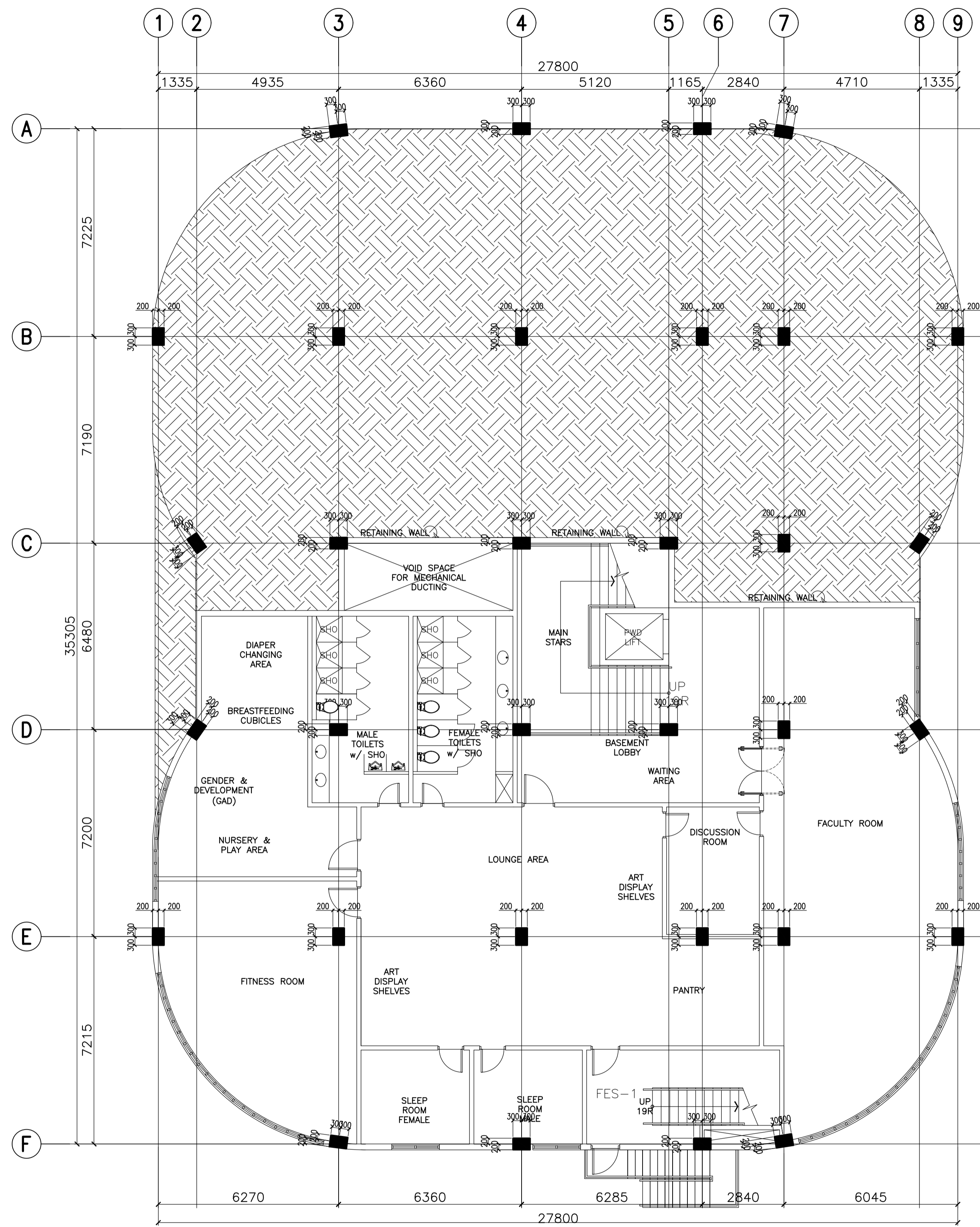
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

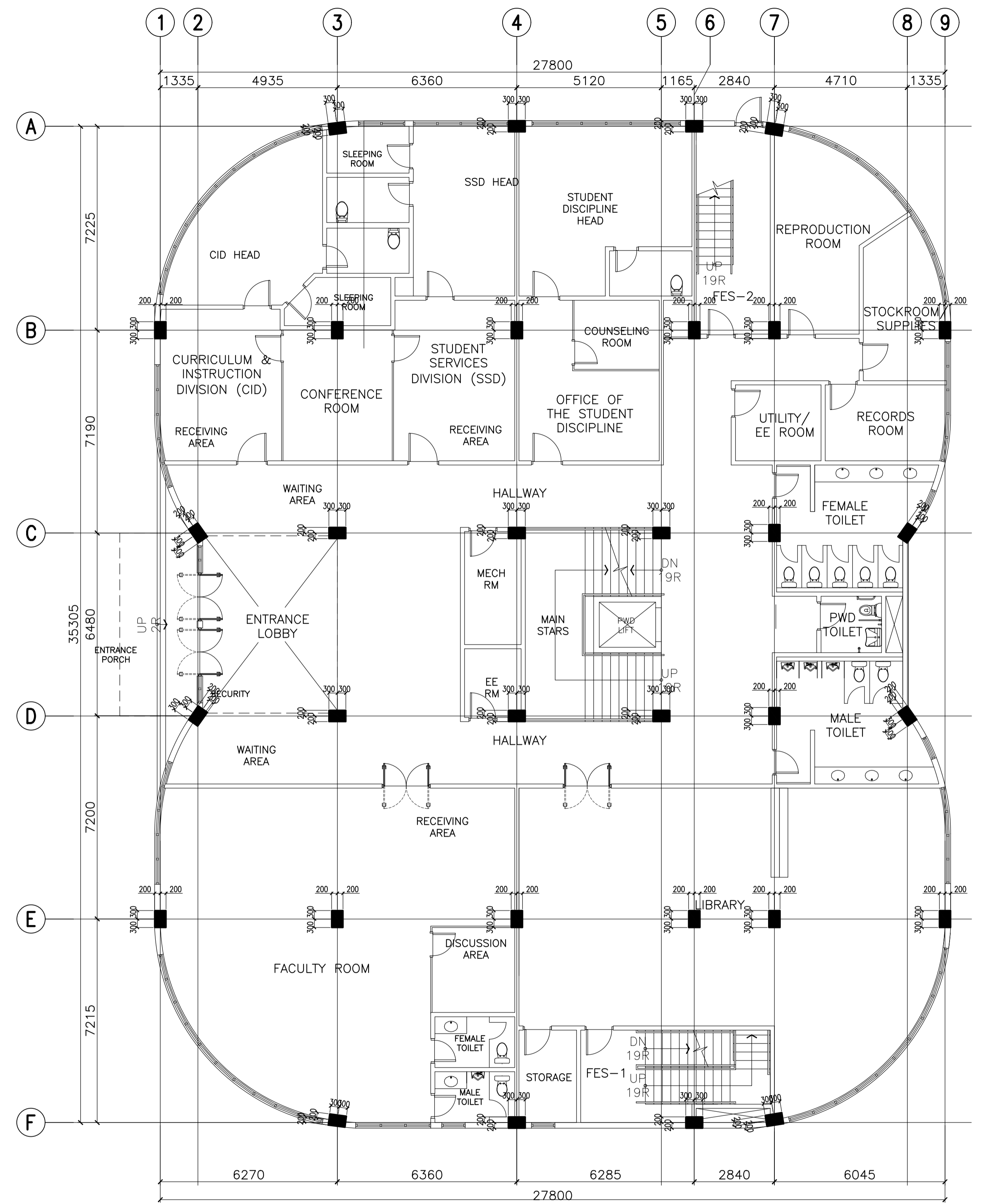
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
SCHEDULE OF DOORS AND WINDOWS

SHEET NO:
A
12 37



A ACADEMIC BUILDING II
BASEMENT FLOOR COLUMN SETTING OUT PLAN
 A-13 SCALE: 1:100m



B ACADEMIC BUILDING II
GROUND FLOOR COLUMN SETTING OUT PLAN
 A-13 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVE. LORVELA HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7000;
 426 3000/44
 FAX NOS: 927 0608;
 426 7214

ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT	
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiangan, Romblon

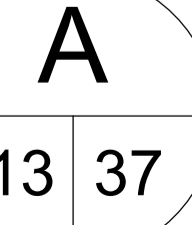
DESIGNED FOR:

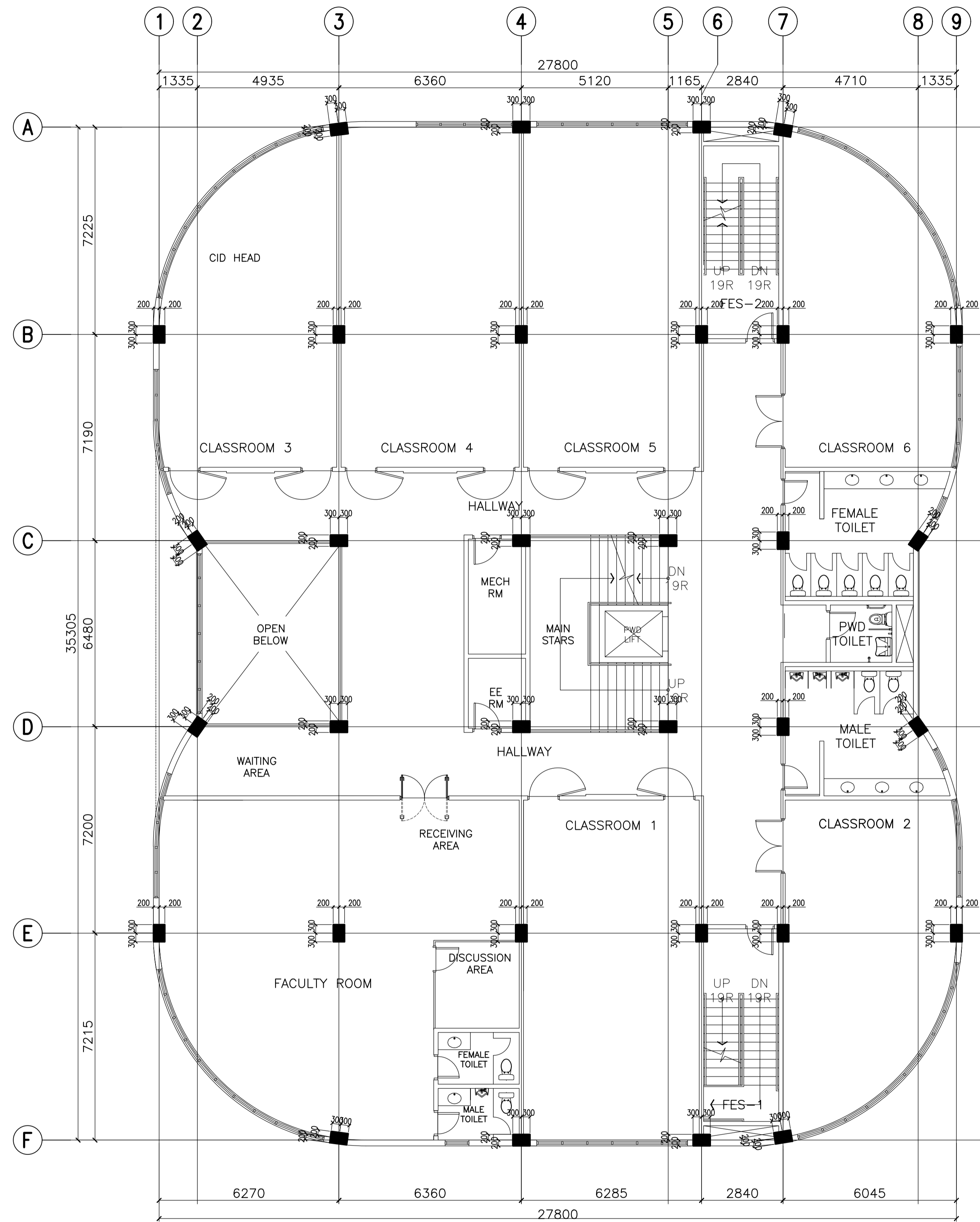
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF
--

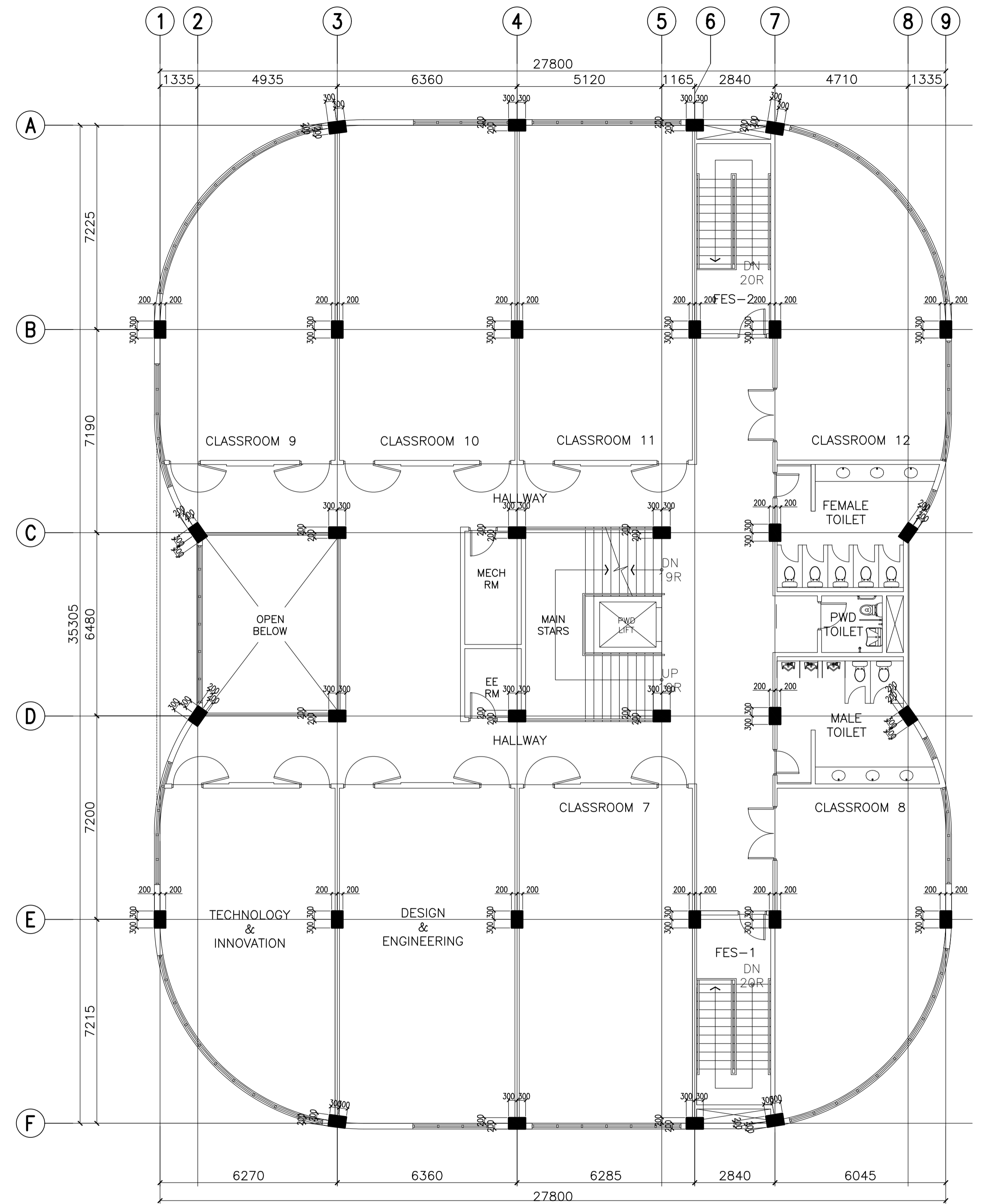
APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS:
 BASEMENT FLOOR COLUMN SETTING OUT PLAN
 GROUND FLOOR COLUMN SETTING OUT PLAN

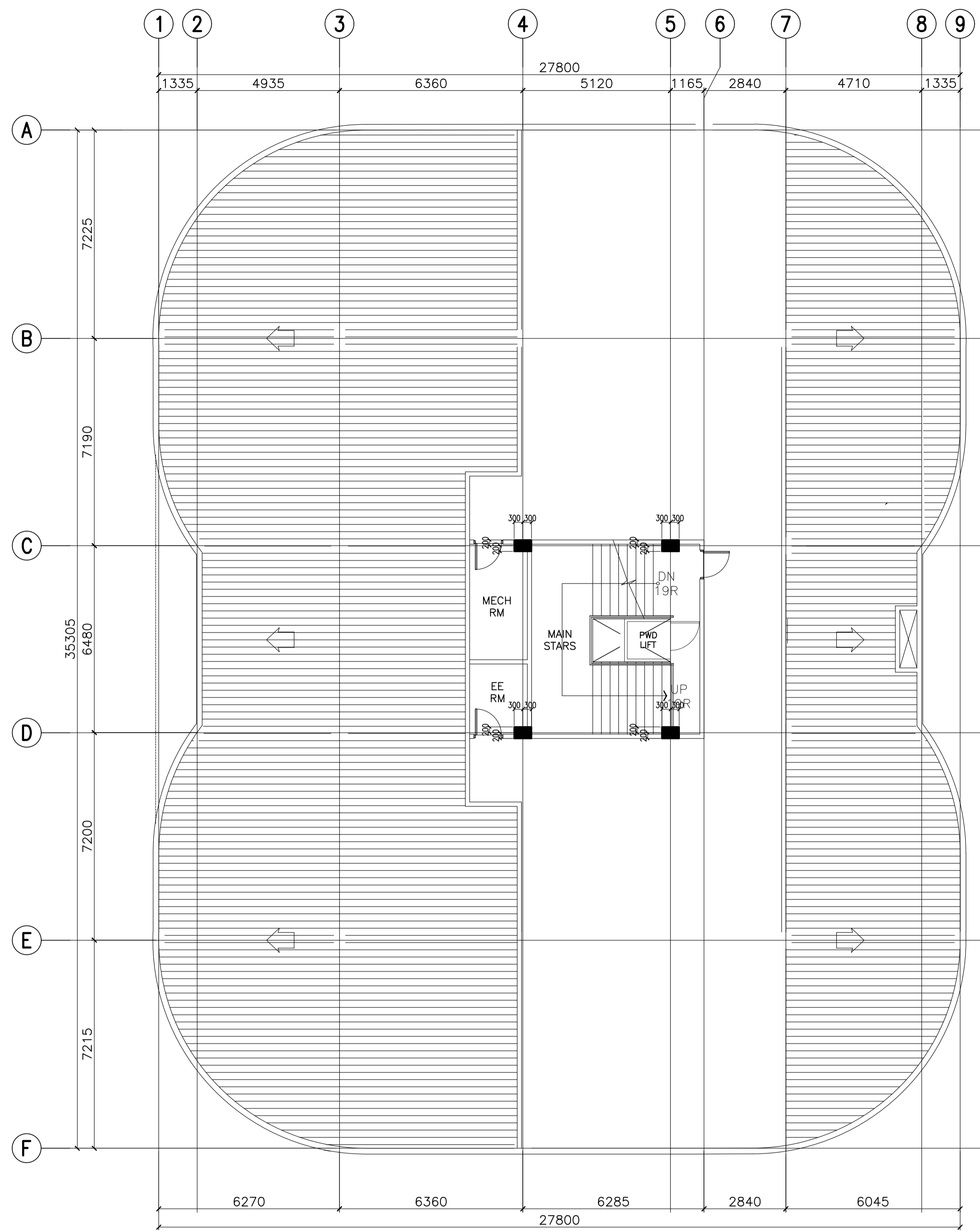
SHEET NO:




A ACADEMIC BUILDING II
SECOND FLOOR COLUMN SETTING OUT PLAN
 A-14 SCALE: 1:100m



B ACADEMIC BUILDING II
THIRD FLOOR COLUMN SETTING OUT PLAN
 A-14 SCALE: 1:100m



A
A-15
ACADEMIC BUILDING II
ROOF DECK COLUMN SETTING OUT PLAN
SCALE: 1:100m


ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE LAYOLA HEIGHTS,
QUEZON CITY, 1108
TEL NOS: 426 7000;
426 9024
FAX NOS: 927 0608;
426 7214

ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT	
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED OR NOT, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiongan, Romblon

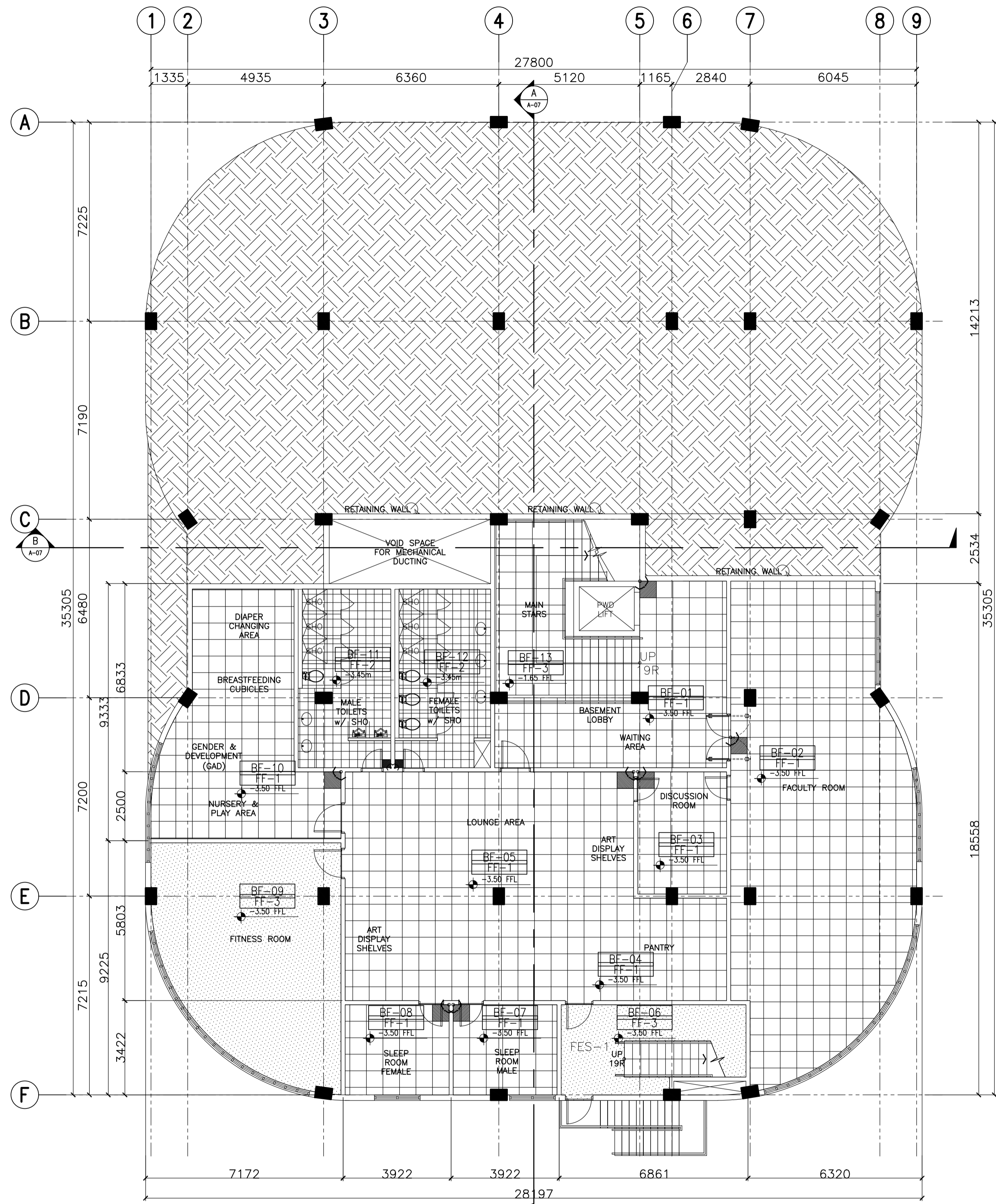
DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF
--

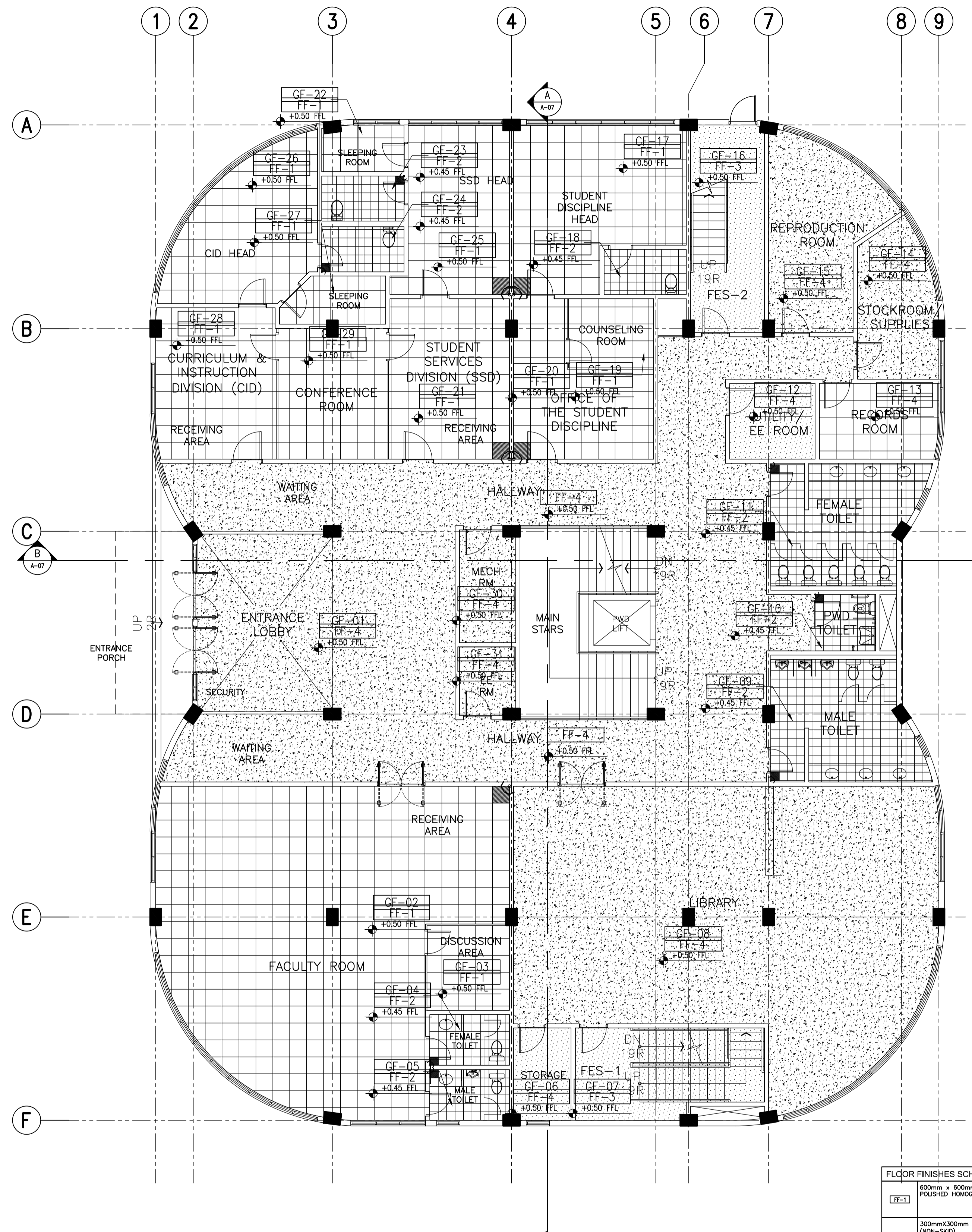
APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS: ROOF DECK COLUMN SETTING OUT PLAN
--

SHEET NO:
A
15 37



A ACADEMIC BUILDING II - BASEMENT FLOOR
FLOOR PATTERN LAYOUT
 A-16 SCALE: 1:100m



B ACADEMIC BUILDING II - GROUND FLOOR
FLOOR PATTERN LAYOUT
 A-16 SCALE: 1:100m

FLOOR FINISHES SCHEDULE	
FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES
FF-2	300mmx300mm HOMOGENOUS TILES (NON-SLIP)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS


ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiangan, Romblon

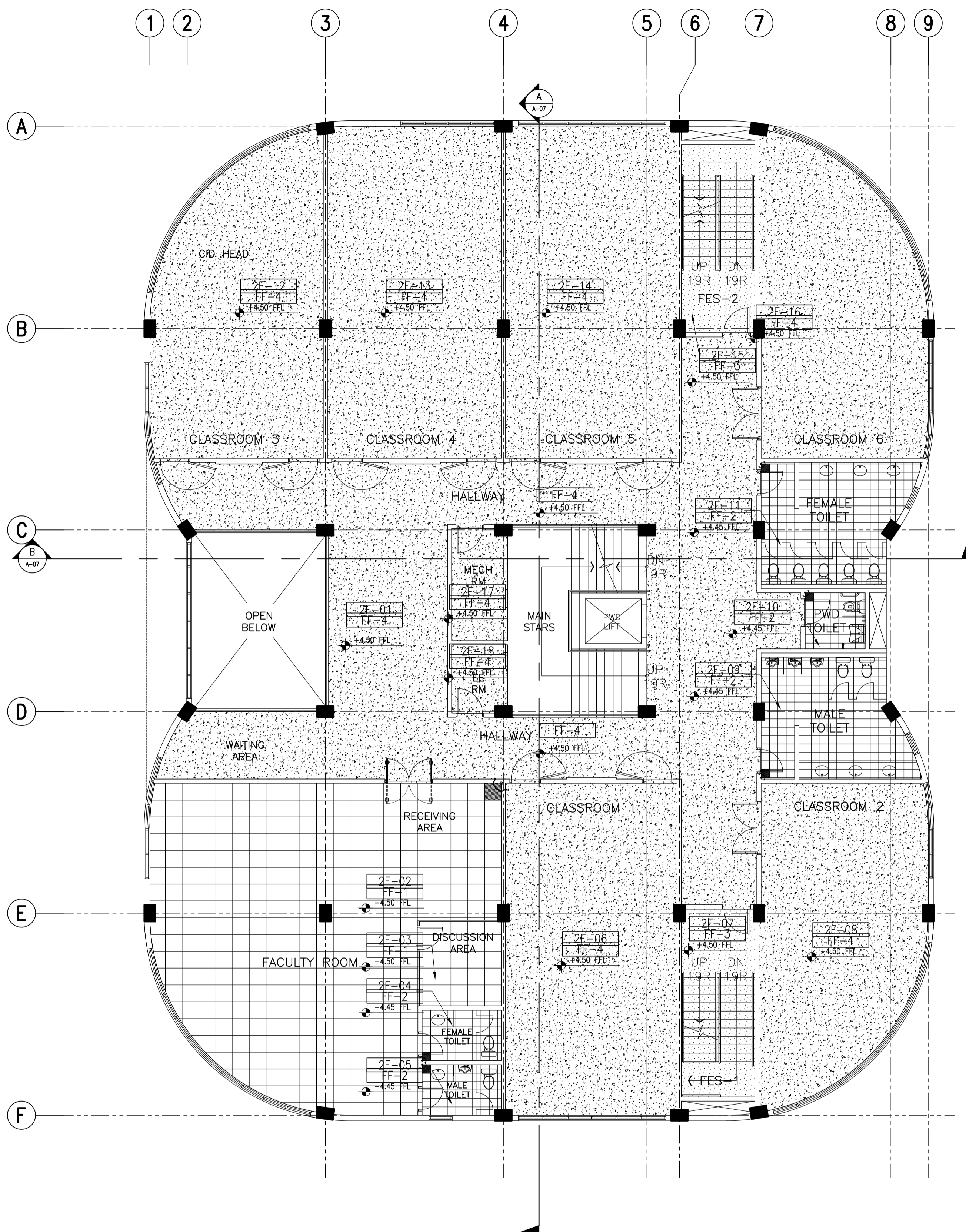
DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

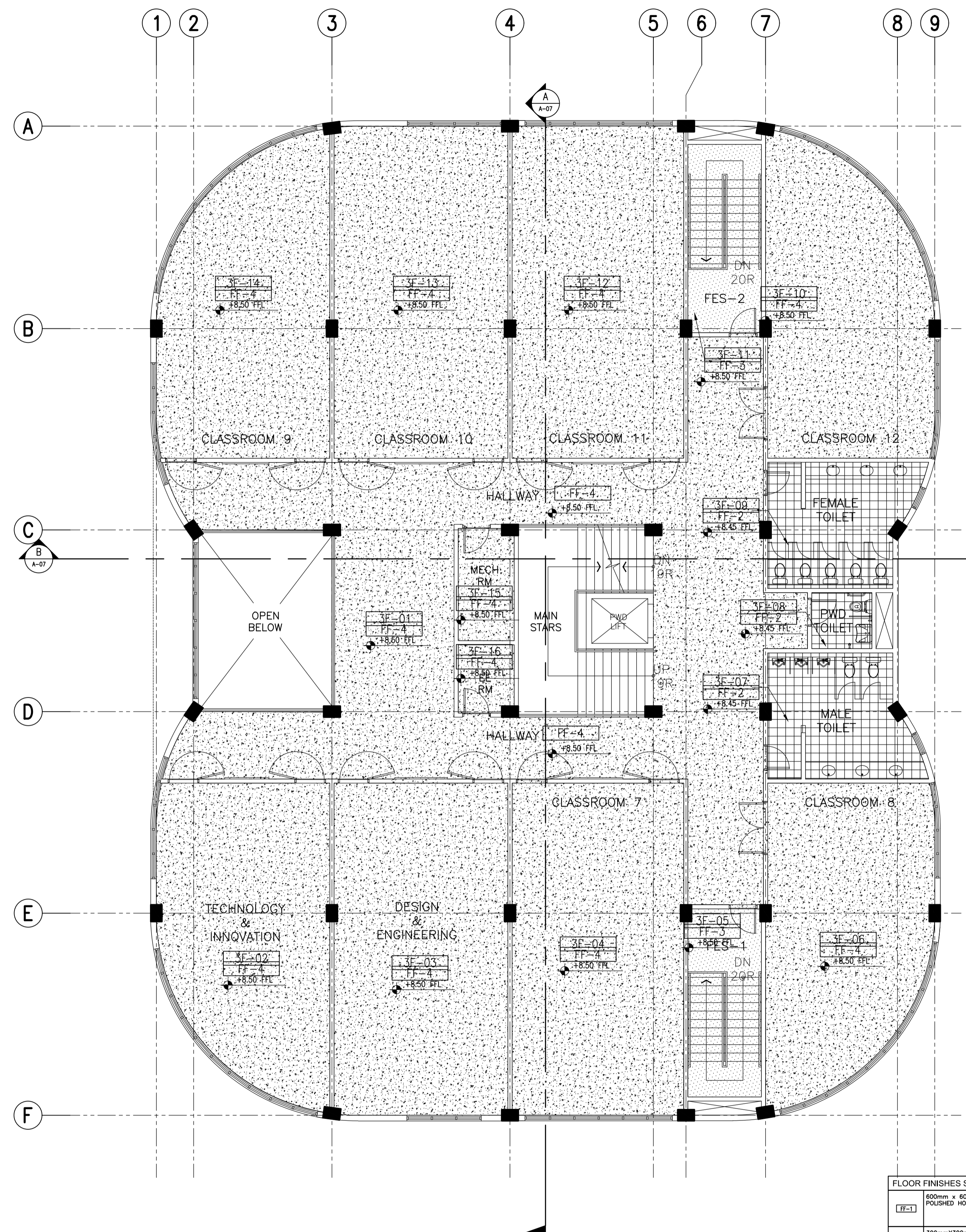
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 BASEMENT AND GROUND FLOOR
 FLOOR PATTERN LAYOUT

SHEET NO:
A
 16 37



A ACADEMIC BUILDING II - SECOND FLOOR
FLOOR PATTERN LAYOUT
 A-17 SCALE: 1:100m



B ACADEMIC BUILDING II - THIRD FLOOR
FLOOR PATTERN LAYOUT
 A-17 SCALE: 1:100m

FLOOR FINISHES SCHEDULE	
FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES
FF-2	300mmx300mm HOMOGENOUS TILES (NON-SKID)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LONVOILA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 9004
 FAX NOS: 927 0608;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT
 PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

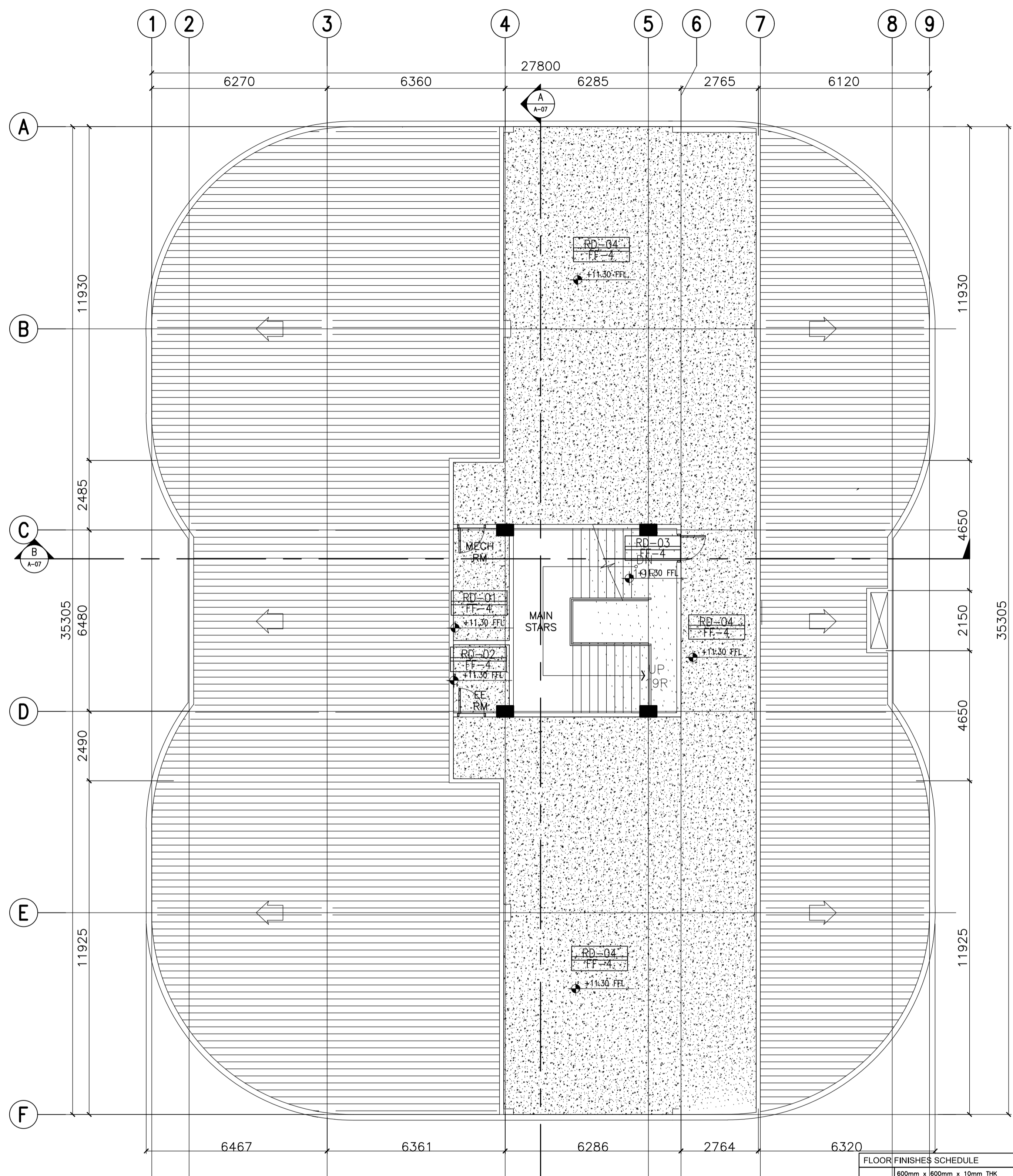
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

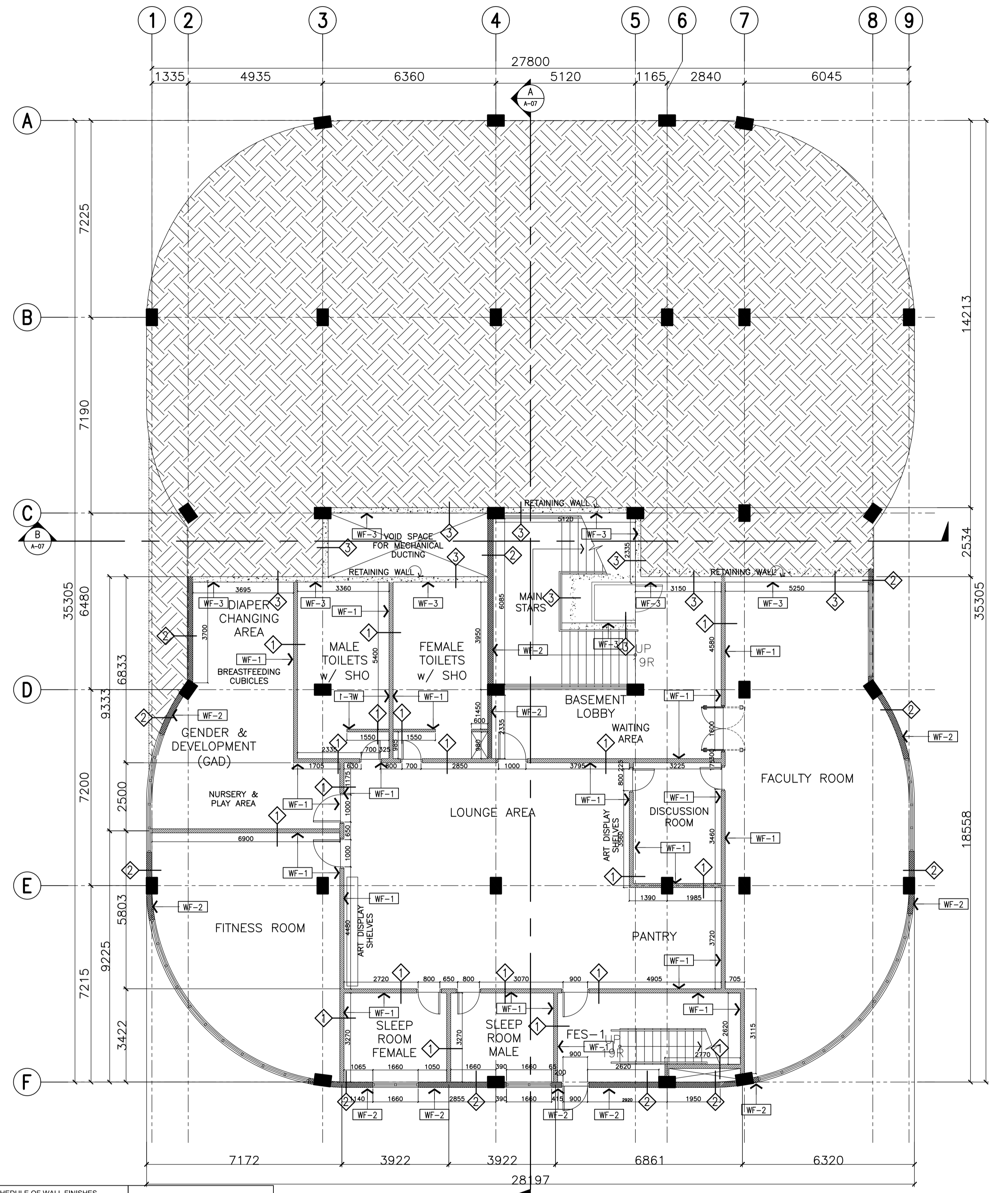
SHEET CONTENTS:
 SECOND AND THIRD FLOOR
 FLOOR PATTERN LAYOUT

SHEET NO:
A
 17 37



A ACADEMIC BUILDING II - ROOF DECK FLOOR PATTERN LAYOUT
A-18 SCALE: 1:100m

FLOOR FINISHES SCHEDULE	
FF-1	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES
FF-2	300mmx300mm HOMOGENOUS TILES (NON-SKID)
FF-3	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH
FF-4	50mm THK SMOOTH FINISH CONCRETE TOPPING



B ACADEMIC BUILDING II - BASEMENT WALL SETTING AND FINISHES PLAN
A-18 SCALE: 1:100m

SCHEDULE OF WALL FINISHES (COLOR TO BE DETERMINED BY ARCHITECT)		SCHEDULE OF PARTITION TYPES	
WF-1	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	1	100mm THK. CHB WALL
WF-2	PLAIN CEMENT PLASTER IN ELASTOMERIC PAINT EXTERIOR FINISH	2	150mm THK. CHB WALL
WF-3	300mmx300mm HOMOGENOUS TILES (NON-SKID)	3	RETAINING WALL OR PWD LIFT-SHFT (VERY STRUCTURAL)
	SEMI-GLOSS LATEX PAINT FINISH ON GYPSUM BOARD DRYWALL	4	100mm GYPSUM DRYWALL ON LGS FRAMES

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOROVILLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 3020/4
FAX NOS: 927 0608;
426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
ARCHITECT

PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

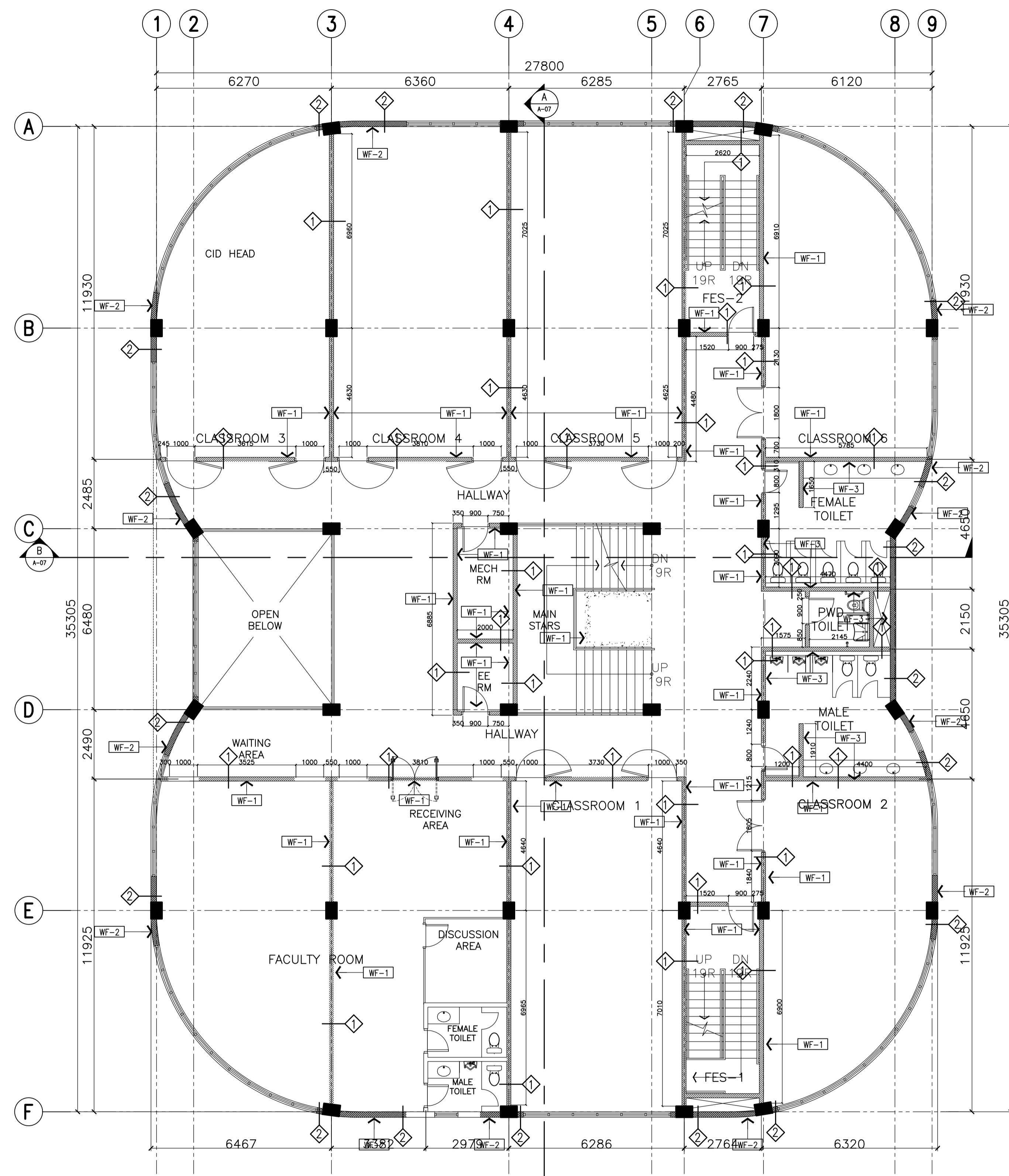
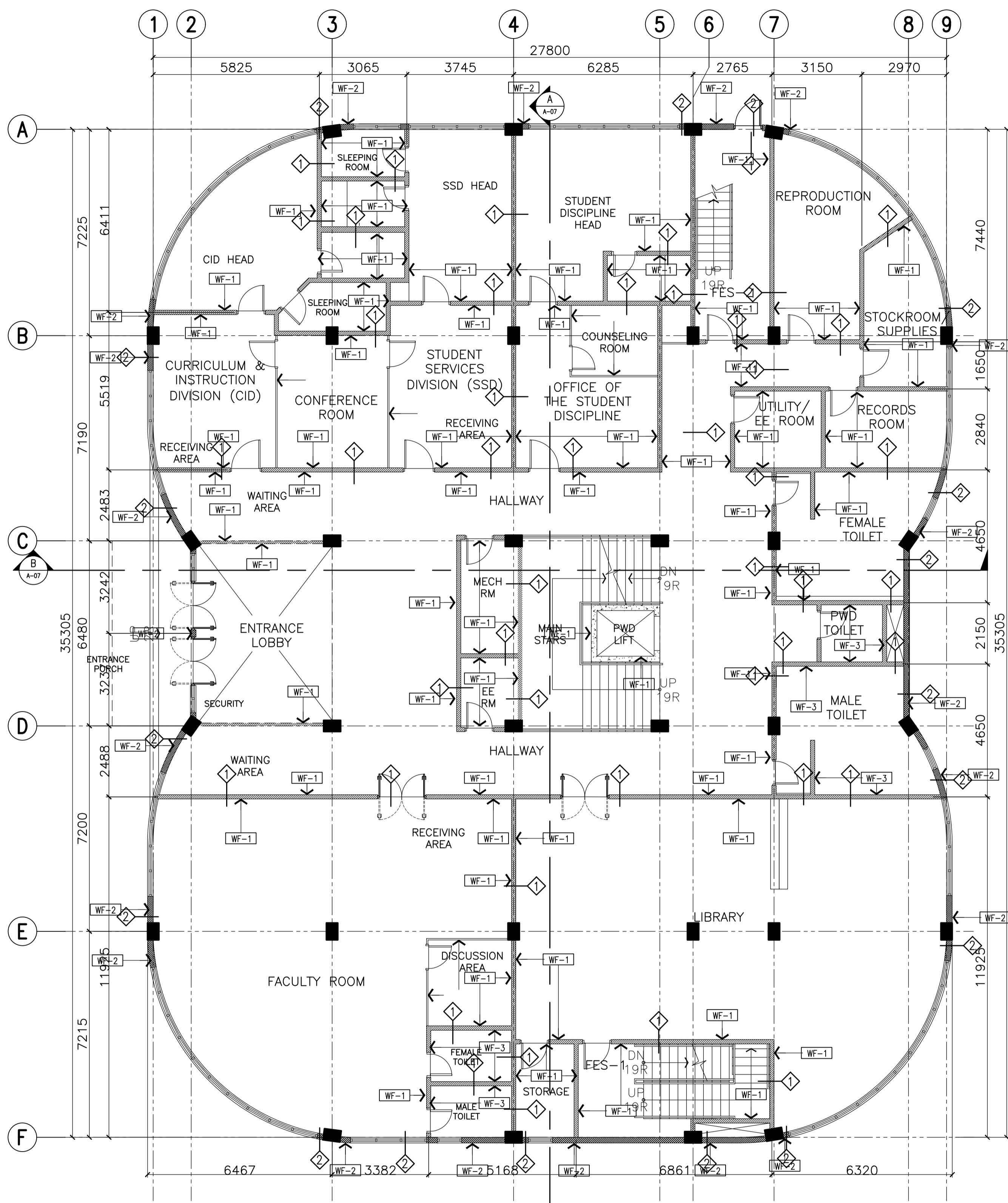
LOCATION: Brgy. Rizal, Odiongan, Romblon

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
ROOF DECK FLOOR PATTERN LAYOUT
BASEMENT WALL SETTING AND FINISHES PLAN

SHEET NO:
A
18 37



SCHEDULE OF WALL FINISHES (COLOR TO BE DETERMINED BY ARCHITECT)		SCHEDULE OF PARTITION TYPES	
WF-1	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	100mm THK. CHB WALL	
WF-2	PLAIN CEMENT PLASTER IN ELASTOMERIC PAINT EXTERIOR FINISH	150mm THK. CHB WALL	
WF-3	300mmx300mm HOMOGENOUS TILES (NON-SKID)	RETAINING WALL OR PWD LIFT SHAFT (VERY STRUCTURAL)	
	SEM-GLOSS LATEX PAINT FINISH ON GYPSUM BOARD DRYWALLS	100mm GYPSUM DRYWALL ON LGS FRAMES	

A ACADEMIC BUILDING II - GROUND FLOOR
WALL SETTING AND FINISHES PLAN
 SCALE: 1:100m

B ACADEMIC BUILDING II - SECOND FLOOR
WALL SETTING AND FINISHES PLAN
 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVENUE, LOYOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 3000/04
 FAX NOS: 427 0608;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT
 PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

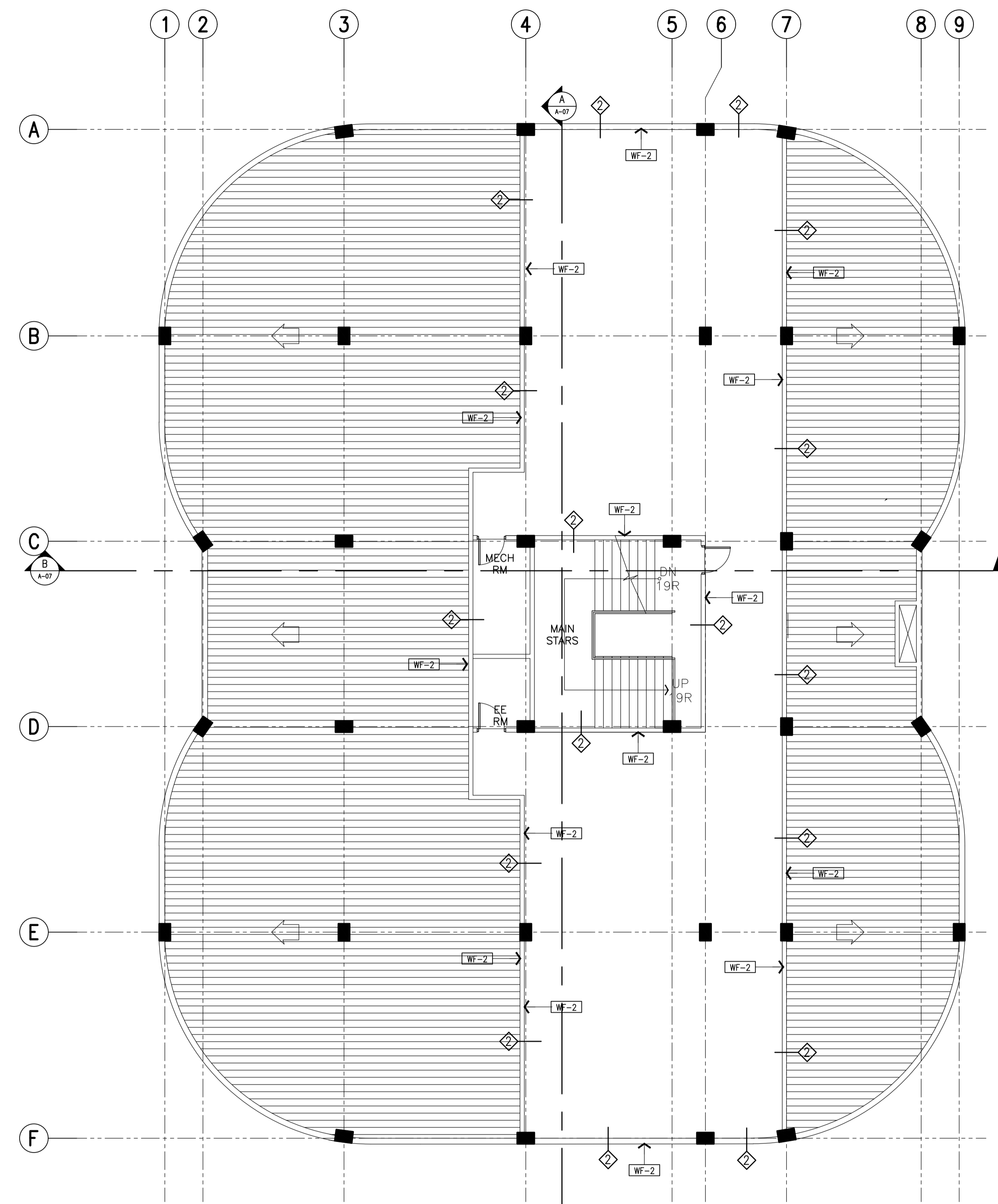
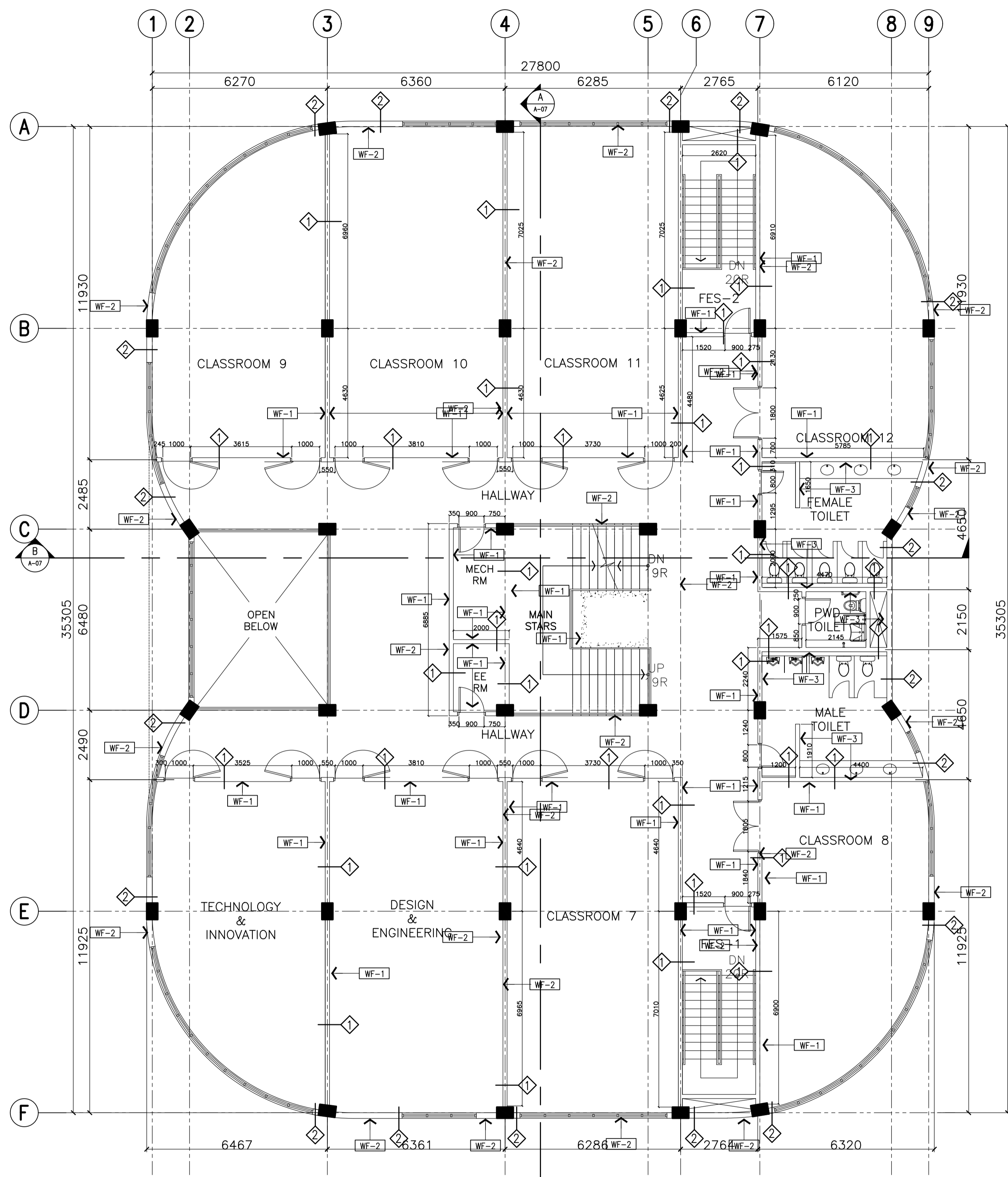


DESIGNED FOR:
 RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 GROUND AND SECOND FLOOR
 WALL SETTING AND FINISHES PLAN

SHEET NO:
A
 19 37



SCHEDULE OF WALL FINISHES (COLOR TO BE DETERMINED BY ARCHITECT)		SCHEDULE OF PARTITION TYPES	
WF-1	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	1	100mm THK. CHB WALL
WF-2	PLAIN CEMENT PLASTER IN ELASTOMERIC PAINT EXTERIOR FINISH	2	150mm THK. CHB WALL
WF-3	300mmx300mm HOMOGENOUS TILES (NON-SKID)	3	RETAINING WALL OR PWD LIFT SHAFT (VERIFY STRUCTURAL)
	SEM-GLOSS LATEX PAINT FINISH ON GYPSUM BOARD DRYWALLS	4	100mm GYPSUM DRYWALL ON LGS FRAMES

A ACADEMIC BUILDING II - THIRD FLOOR
WALL SETTING AND FINISHES PLAN
 A-20 SCALE: 1:100m

B ACADEMIC BUILDING II - ROOF DECK
WALL SETTING AND FINISHES PLAN
 A-20 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVENUE, LAYOGS HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 9024
 FAX NOS: 927 0608;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

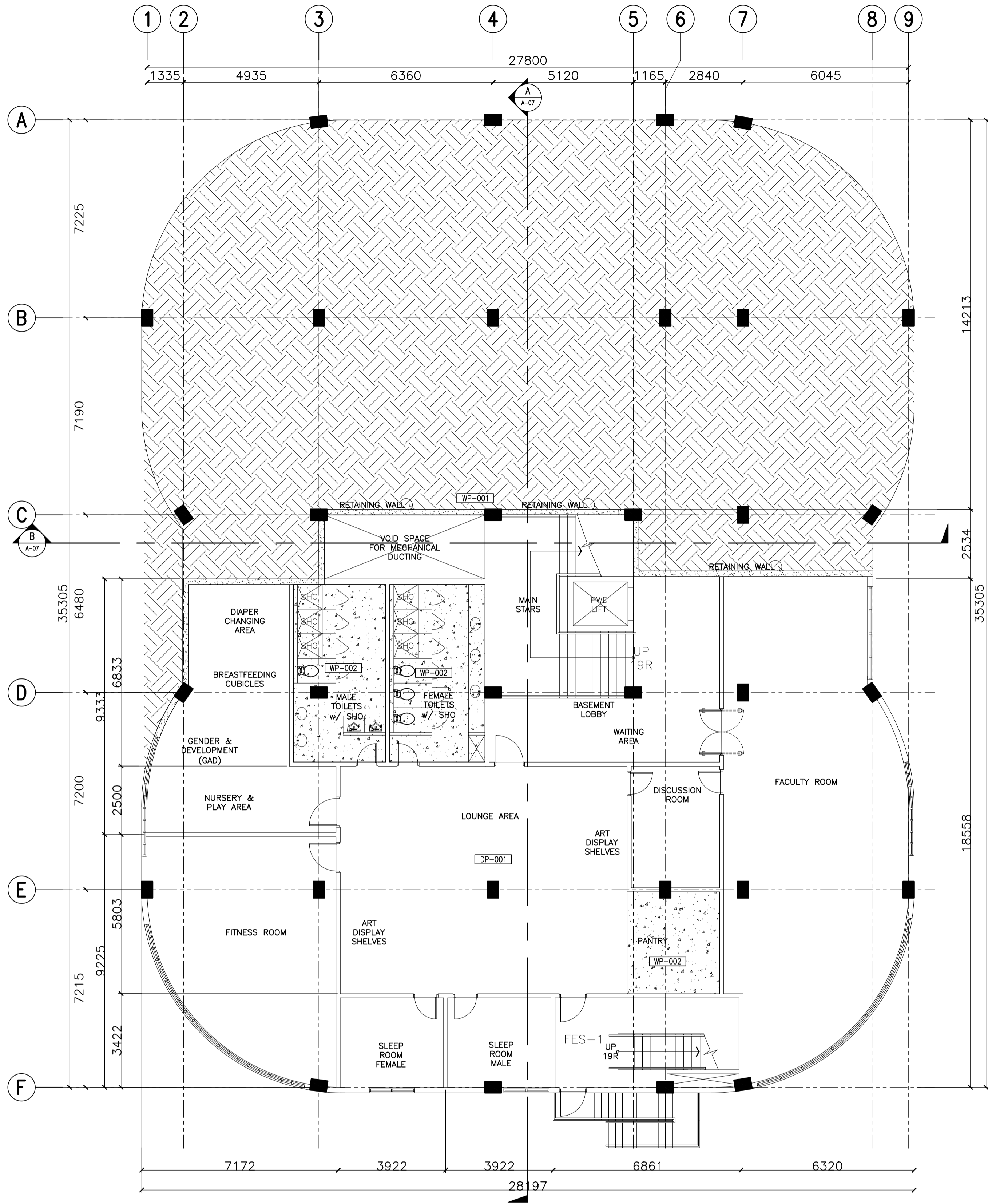
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

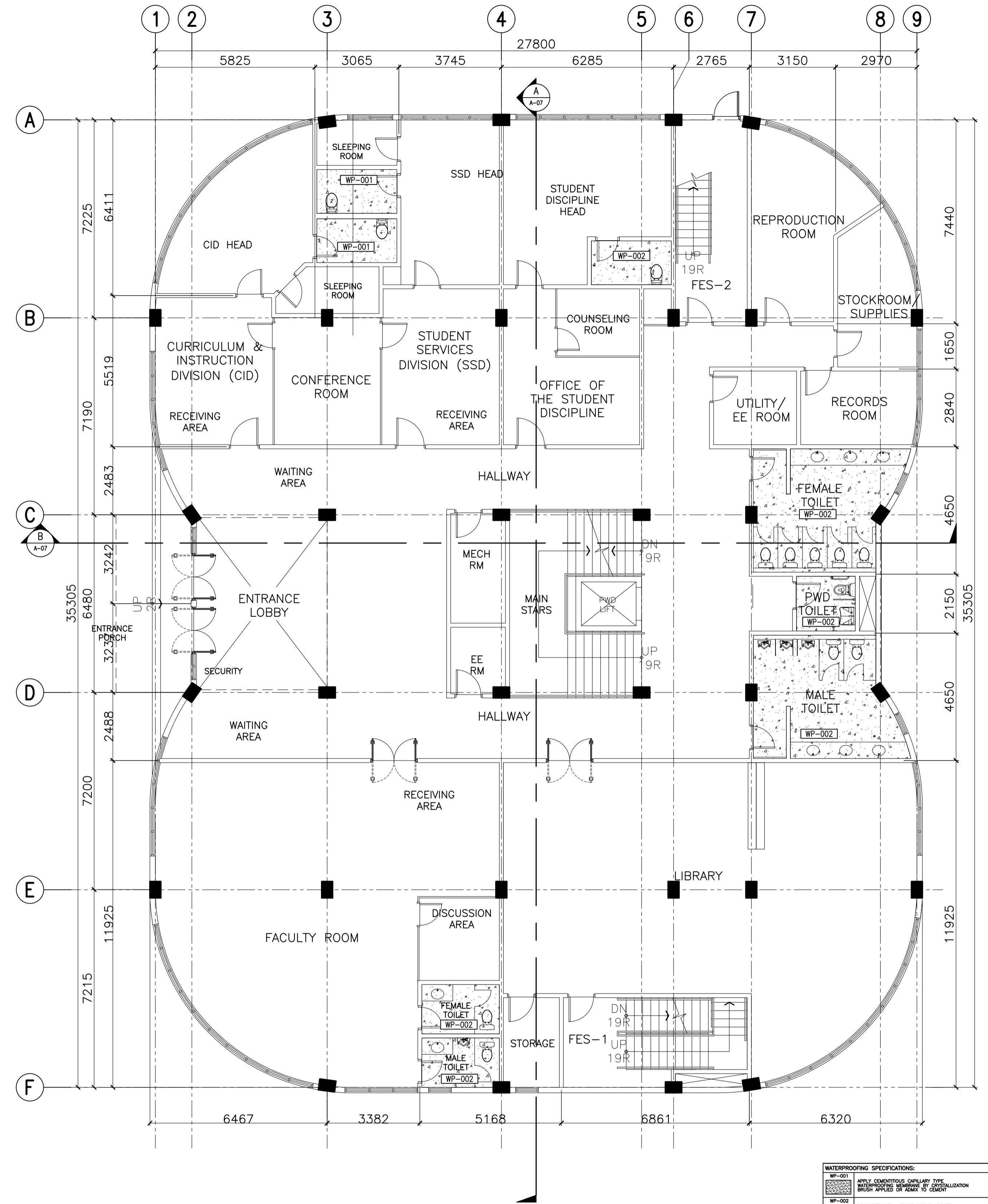
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 THIRD FLOOR AND ROOF DECK
 WALL SETTING AND FINISHES PLAN

SHEET NO:
A
 20 37



ACADEMIC BUILDING II - BASEMENT
A WATERPROOFING PLAN
 A-21 SCALE: 1:100m



ACADEMIC BUILDING II - GROUND FLOOR
A WATERPROOFING PLAN
 A-21 SCALE: 1:100m

WATERPROOFING SPECIFICATIONS:

WP-001	APPLY CEMENTITIOUS CAPILLARY TIE MEMBRANE TO ALL WALLS AND CEILING. BRUSH APPLIED OR TROWEL TO COMB.
WP-002	POLYURETHANE - BASED LIQUID APPLIED WATERPROOF MEMBRANE
SP-001	8-MILS POLYETHYLENE PLASTIC VAPOR DAMP PROOFING (BEFORE POURING CONCRETE SLAB)

N.B. 1. SURFACE COVERSIES AS PER SLAB
 2. NUMBER OF COATS AND NUMBER OF APPLICATION AS PER PRODUCT SPECIFICATIONS & WARRANTY BY SUPPLIER AND CONTRACTOR
 *PROVIDE 300MM STANDARD FLASHING UNLESS OTHERWISE NOTED
 *FOR ROOF DECKS OR ALL LEAKS, AFTER WATERPROOFING SHOULD HAVE SOME CONCRETE TYPING.
 *FINAL METHODOLOGY FOR WATERPROOFING AND CONCRETE TYPING TO BE DEVELOPED WITH THE ARCHITECT.
 *THIS IS IN CONFORMANCE OF THE VARIOUS REQUIREMENTS OF THE RELEVANT WATERPROOFING CONTRACTORS FOR THEIR RESPECTIVE MATERIALS.

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

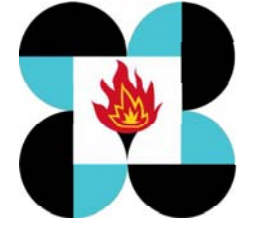
SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE. LONVOLE HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7000;
 426 9000/04
 FAX NOS: 927 0608;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

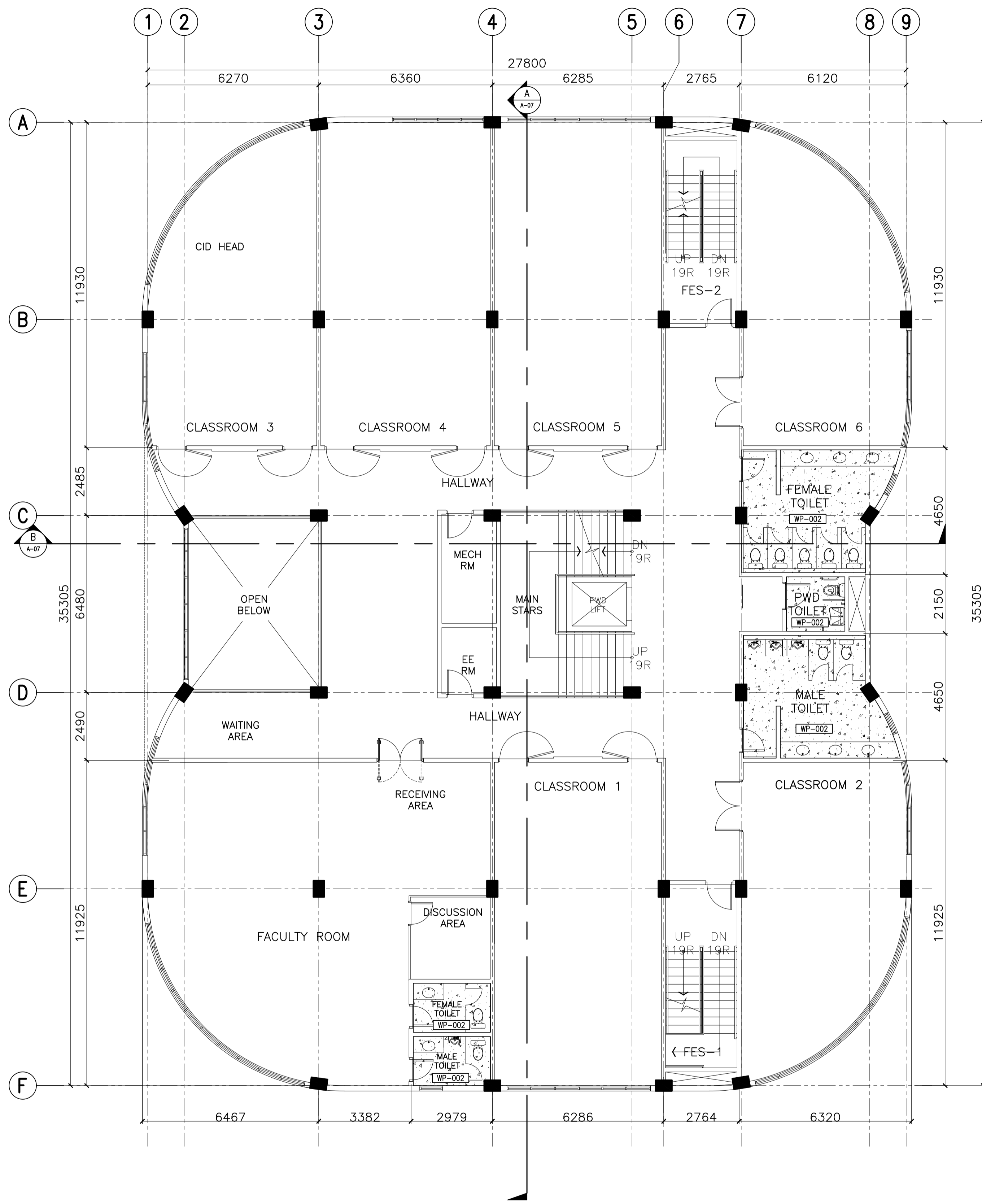
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

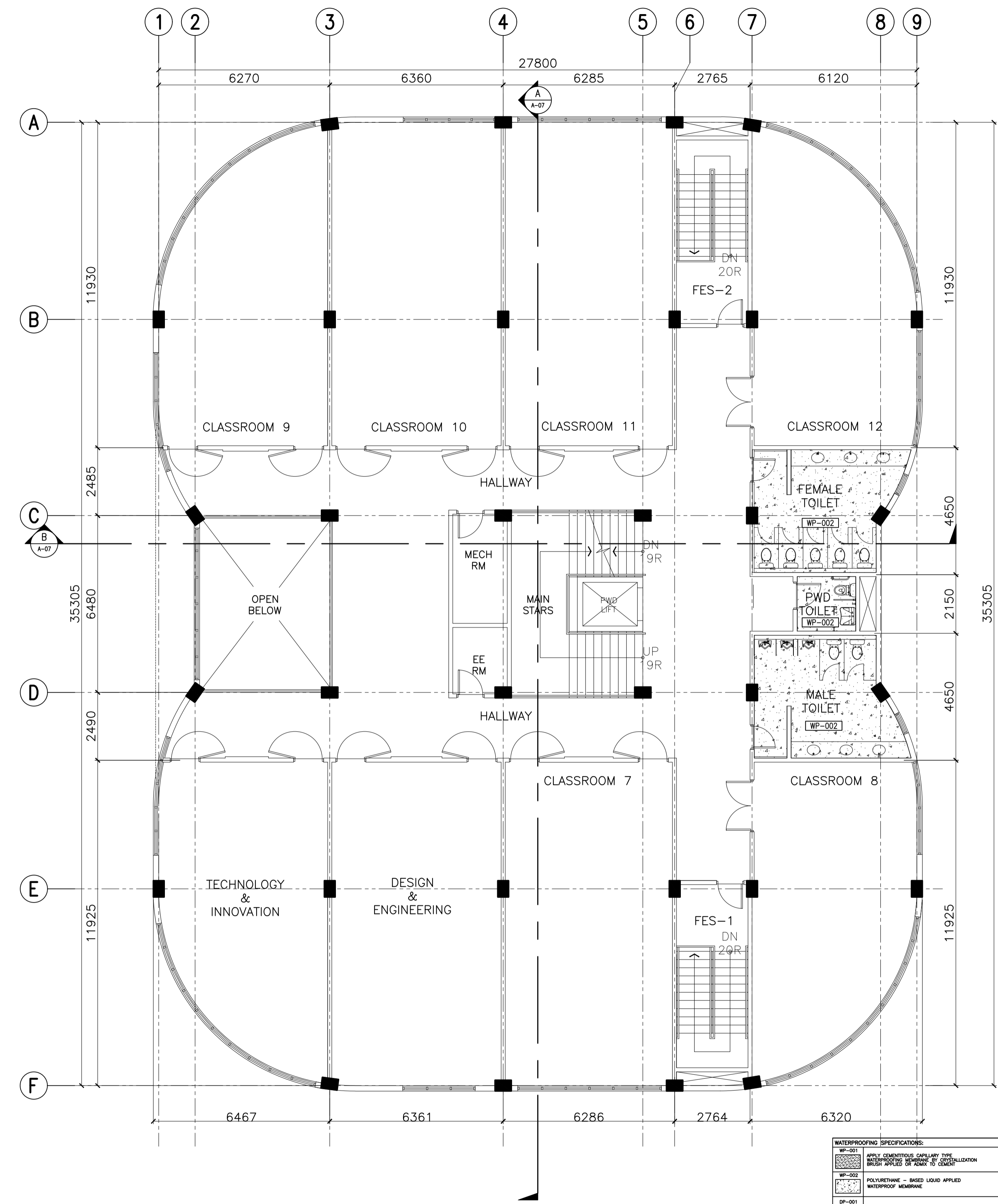
LOCATION: Brgy. Rizal, Odiangan, Romblon

SHEET CONTENTS:
 BASEMENT AND GROUND FLOOR
 WATERPROOFING PLAN

SHEET NO.:
A
 21 37



ACADEMIC BUILDING II - SECOND FLOOR
A WATERPROOFING PLAN
 A-22 SCALE: 1:100m



ACADEMIC BUILDING II - THIRD FLOOR
A WATERPROOFING PLAN
 A-22 SCALE: 1:100m

WATERPROOFING SPECIFICATIONS:

WP-01	APPLY CONTINUOUS CASUALTY TYP. WATERPROOFING MEMBRANE BY COORDINATION WITH CONTRACTOR.
WP-02	POLYURETHANE - BASED LIQUID APPLIED WATERPROOF MEMBRANE
DP-01	6-MILS POLYETHYLENE PLASTIC VAPOR DAMP PROOFING (BETWEEN FINISH CONCRETE SLAB)

N.B.:
 1. SURFACE COVERINGS AS PER PLANS
 2. APPLICATION OF THE PRODUCT SPECIFICATIONS
 3. WARRANTY BY SUPPLIER AND CONTRACTOR

*PROVIDE 300MM STANDARD FLASHING UNLESS OTHERWISE NOTED FOR NEW DEVICES OR SCHEDULE TOBES.
 *FINAL METHODOLOGY FOR WATERPROOFING AND CONCRETE FINISHING TO BE DISCUSSED WITH THE ARCHITECT.
 *WATERPROOFING AND CURT WALLS CONTRACTORS TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE BIDDING DOCUMENTS AND CONTRACTORS FOR THEIR RESPECTIVE MATERIALS.

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

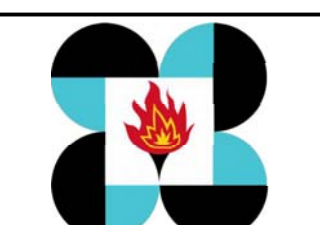
SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVE. LLOYOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

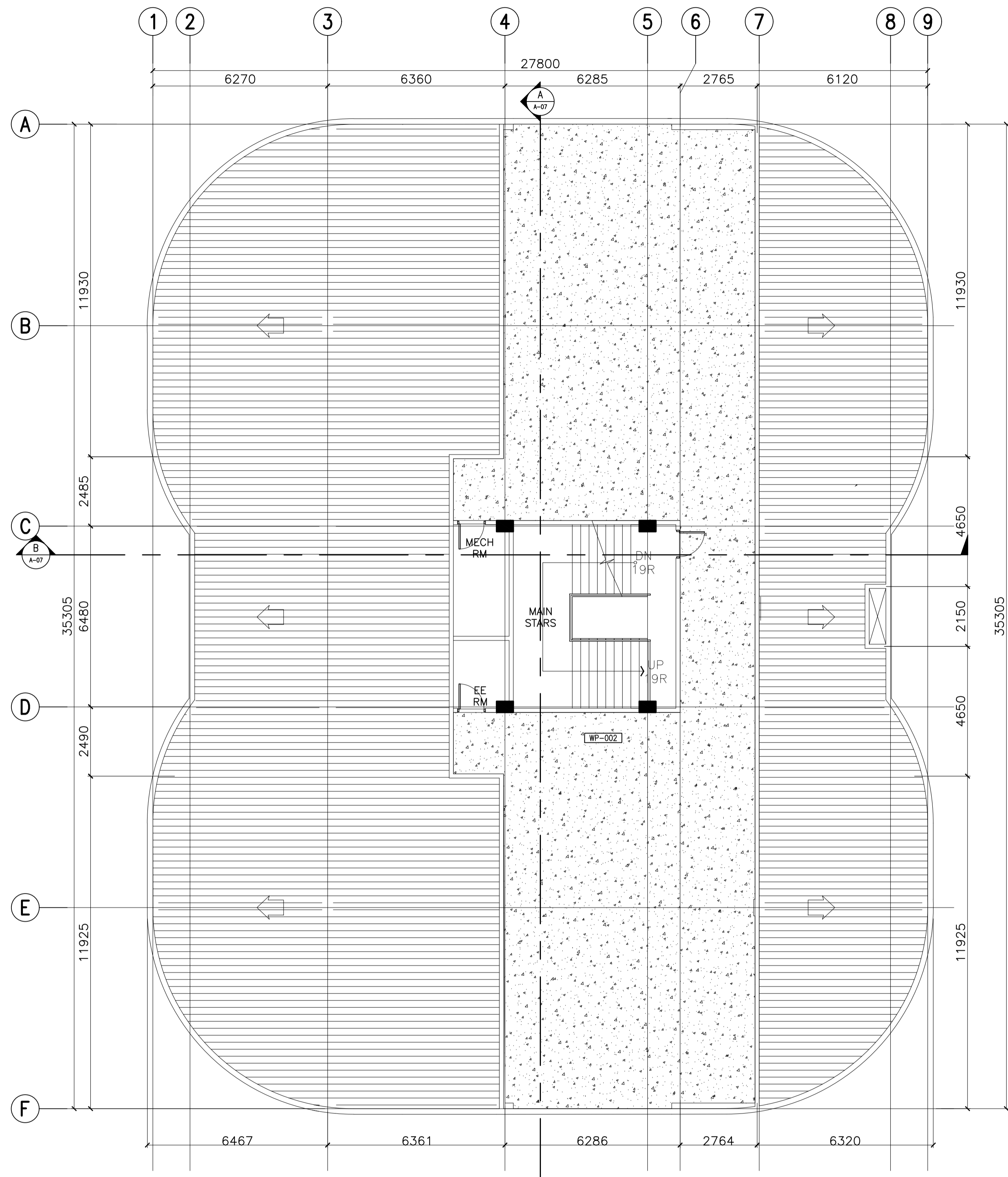
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

LOCATION: Brgy. Rizal, Odiangan, Romblon

SHEET CONTENTS:
 SECOND AND THIRD FLOOR
 WATERPROOFING PLAN

SHEET NO:
A
 22 37



A
 ACADEMIC BUILDING II - ROOF DECK
WATERPROOFING PLAN
 A-23 SCALE: 1:100m

WATERPROOFING SPECIFICATIONS:	
WP-01	APPLY CONTINUOUS CASUALTY TYPE WATERPROOFING MEMBRANE BY COORDINATION WITH APPLICATOR OF ASME TO COVER
WP-02	POLYURETHANE - BASED LIQUID APPLIED WATERPROOF MEMBRANE
DP-01	6-MILS POLYETHYLENE PLASTIC VAPOR DAMP PROOFING (BETWEEN FINISH CONCRETE SLAB)

N.B. 1. SURFACE COVERAGES AS PER PLANS
 2. FINISH OF SURFACE AS PER PLANS
 3. WARRANTY BY SUPPLIER AND CONTRACTOR

*PROVIDE 300MM STANDARD FLASHING UNLESS OTHERWISE NOTED FOR ROOF EDGES OR S.C. LEDGES. AFTER WATERPROOFING SHOULD HAVE SMOOTH CONCRETE FINISH.
 *FINAL METHODOLOGY FOR WATERPROOFING AND CONCRETE FINISHING TO BE DISCUSSED WITH THE ARCHITECT.
 *WATERPROOFING AND CURT WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE B.C. CONSTRUCTION AND CONTRACTING ACTS FOR THEIR RESPECTIVE MATERIALS.

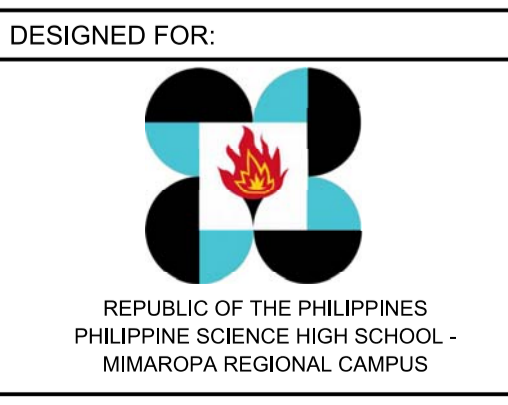
ENRIQUE O. OLANAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LONVOILA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

ARCHITECT:	
HENRY STEVE R. OLANAN ARCHITECT	
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon



RECOMMENDING APPROVAL:

MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:

EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

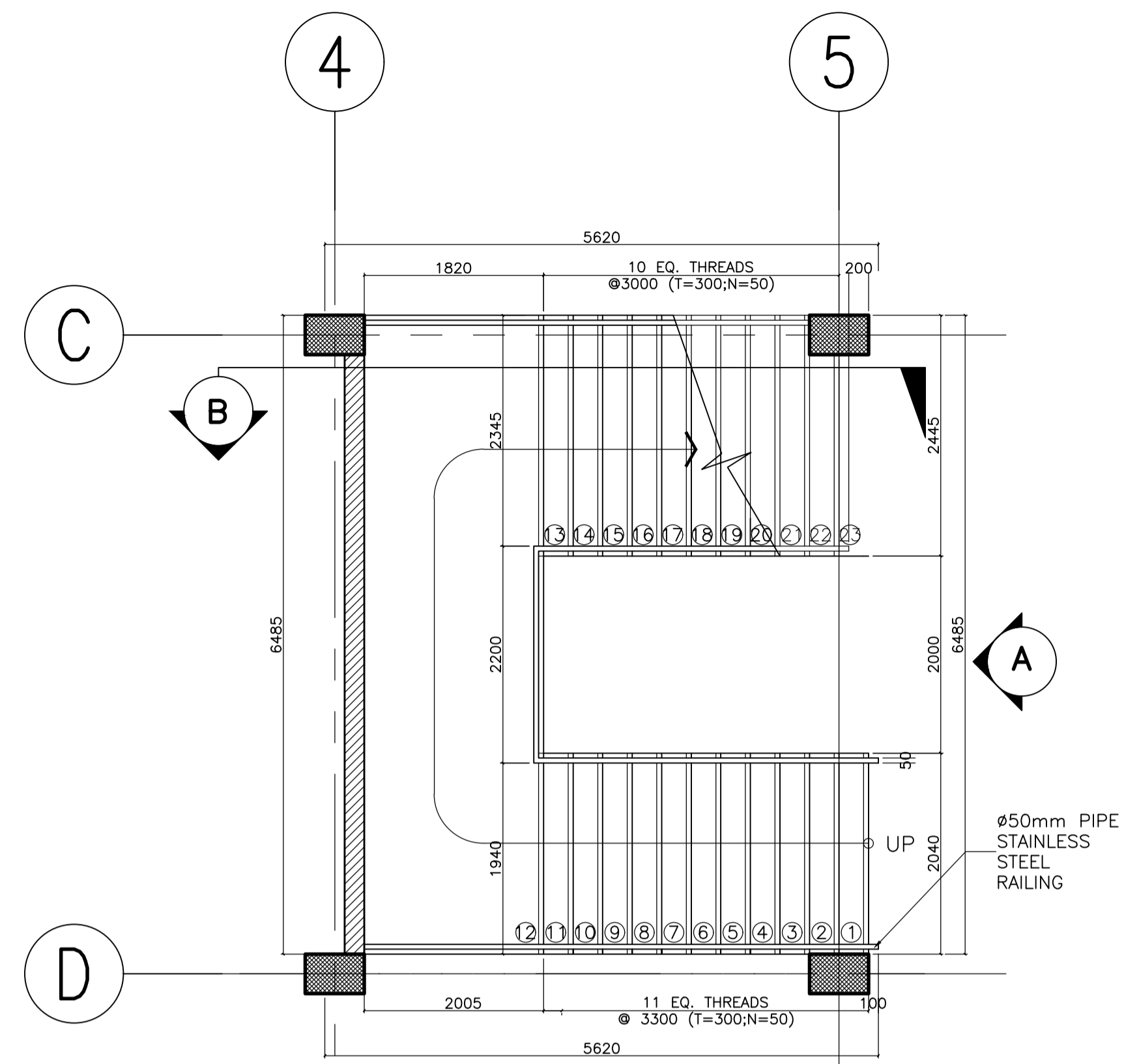
SHEET CONTENTS:

ROOF DECK
 WATERPROOFING PLAN

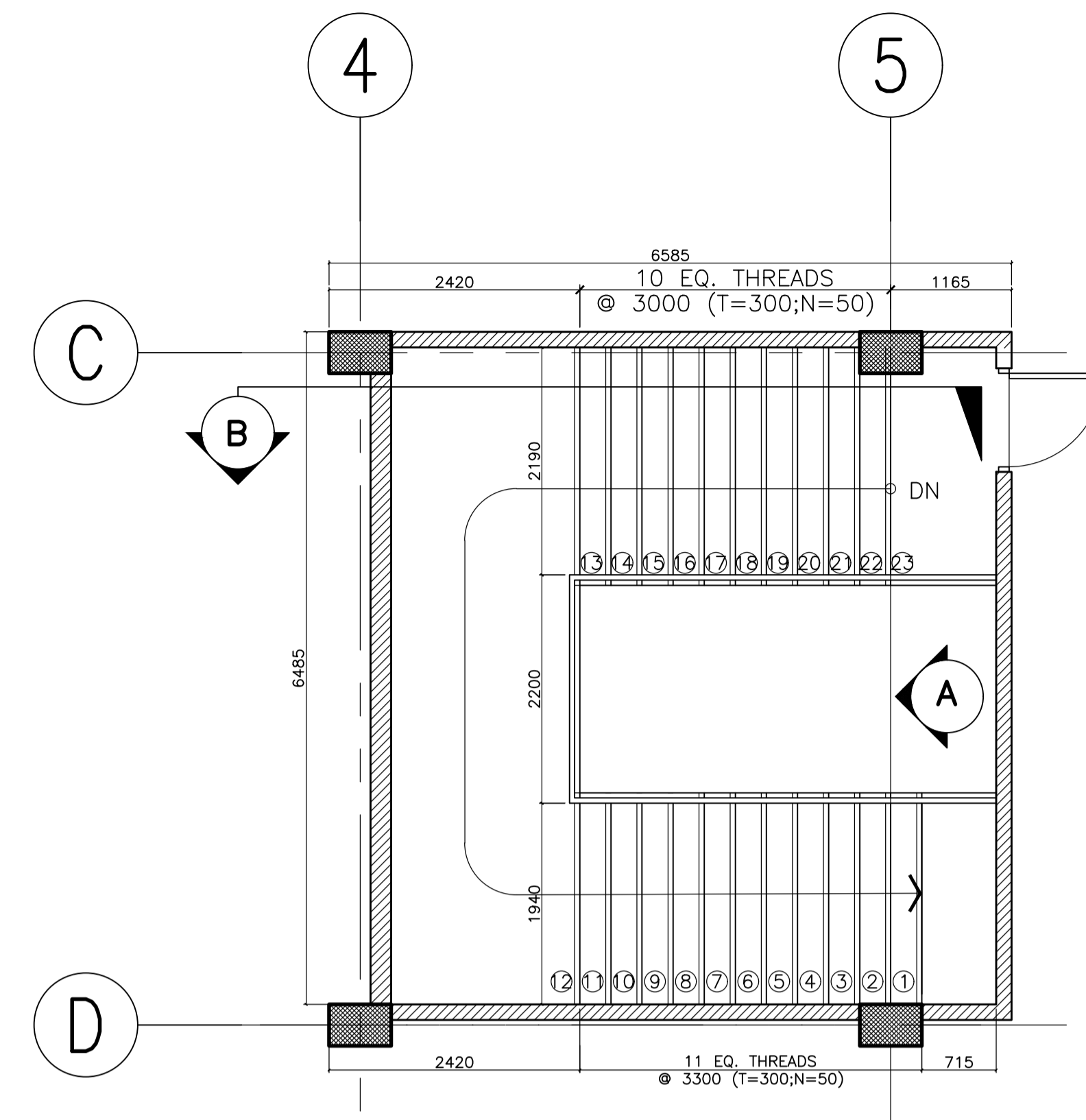
SHEET NO:

A

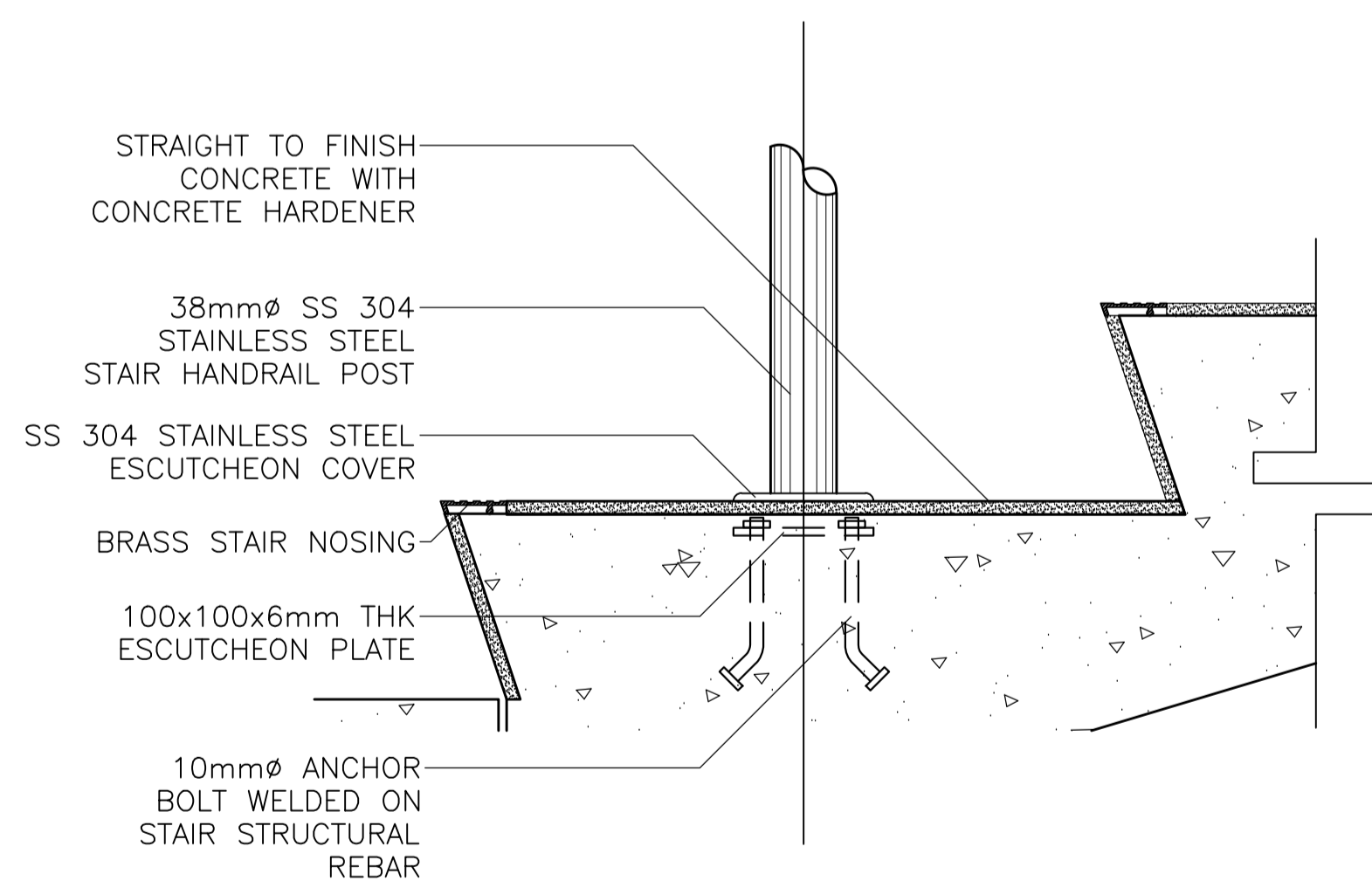
23 37



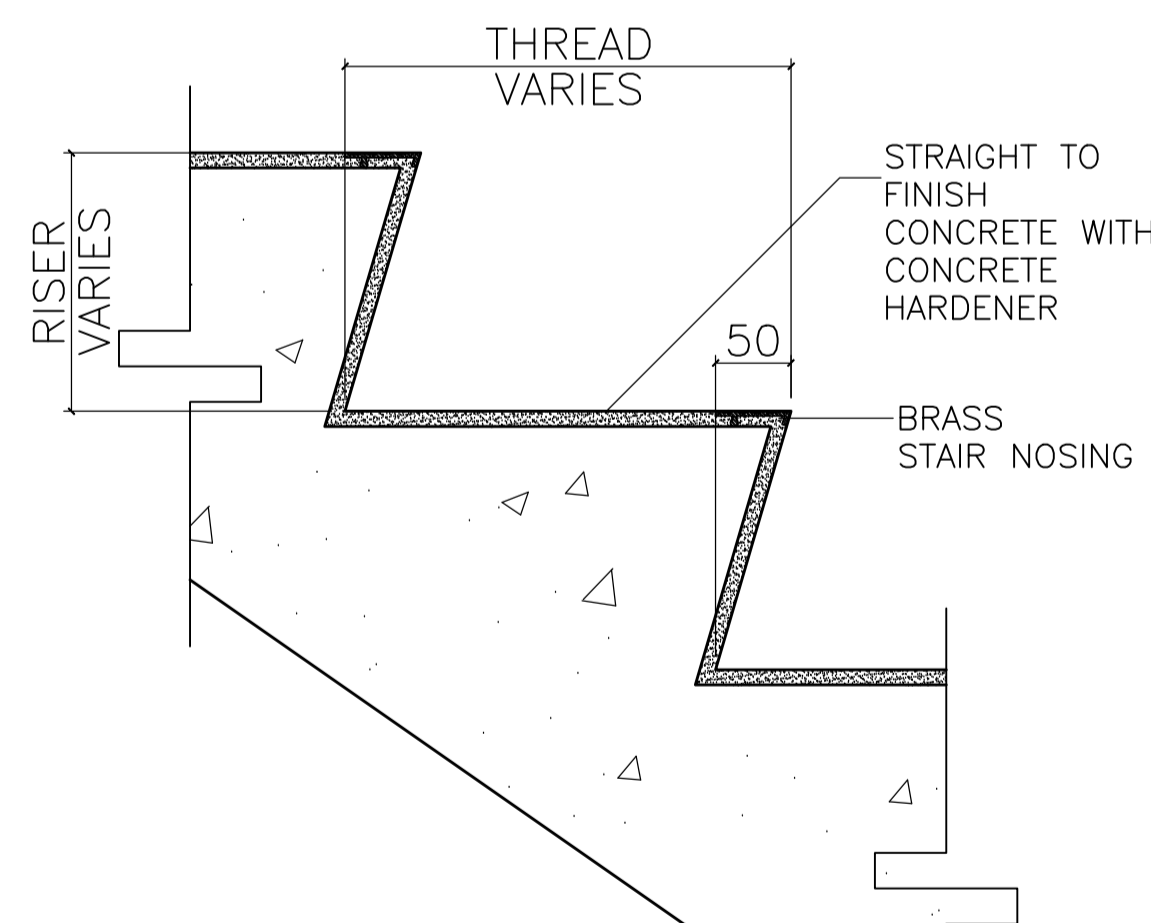
A BASEMENT TO THIRD FLOOR
MAIN STAIR PLAN
A-24 SCALE: 1:50



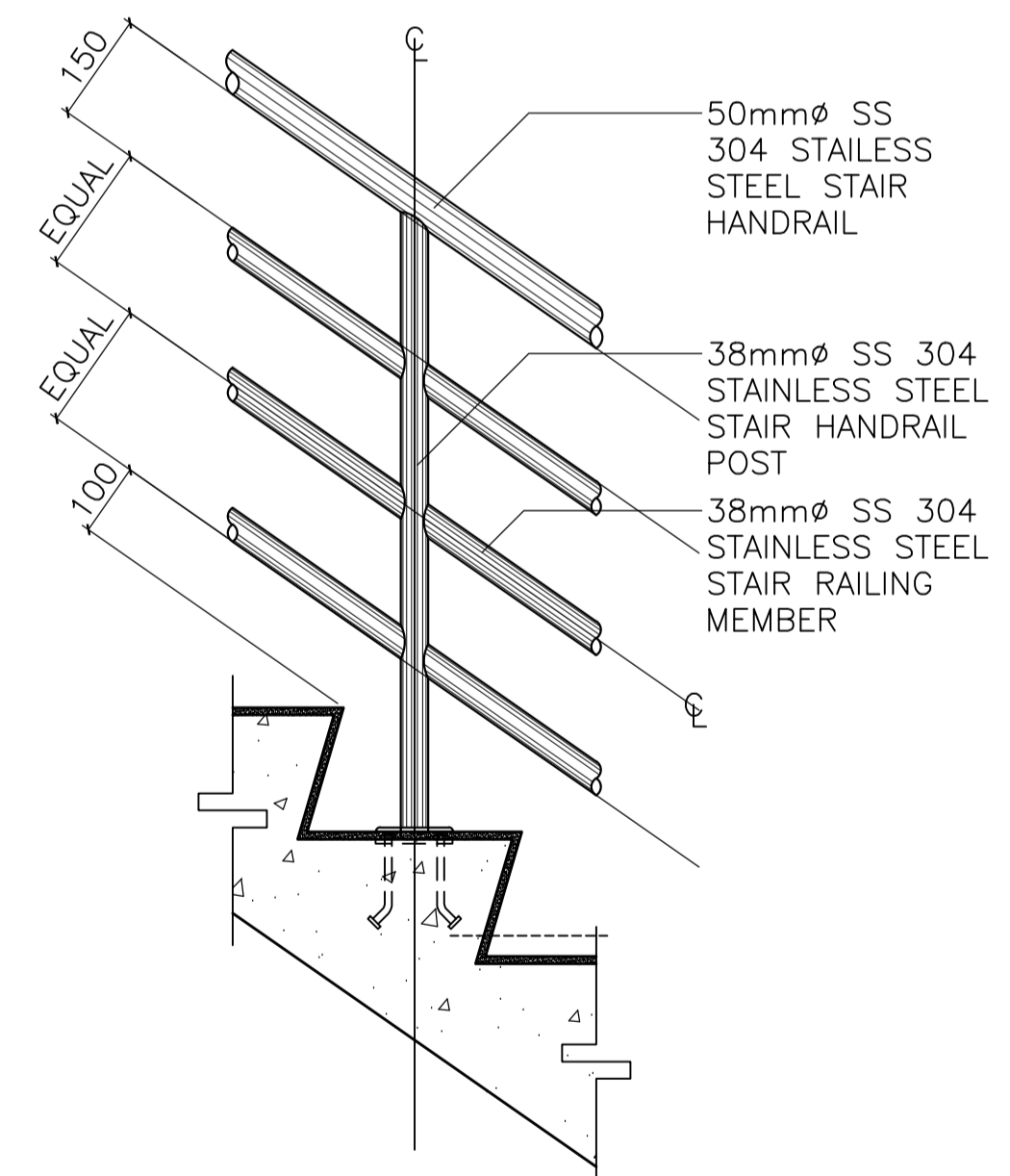
B THIRD FLOOR TO ROOF DECK
MAIN STAIR PLAN
A-24 SCALE: 1:50



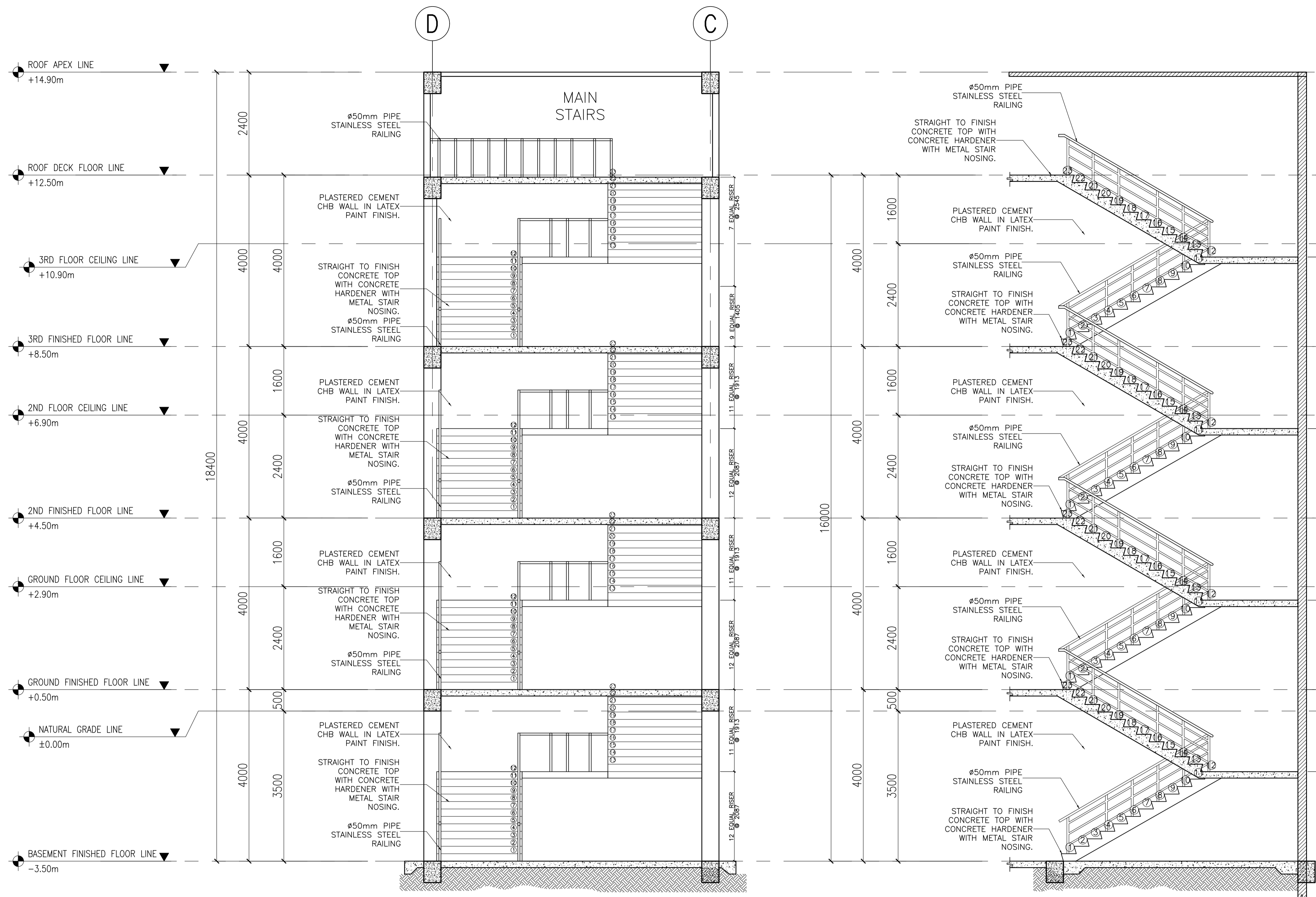
C BLOW-UP DETAILS
A-24 SCALE: 1:5



D BLOW-UP DETAILS
A-24 SCALE: 1:5



F BLOW-UP DETAILS
A-24 SCALE: 1:10



A MAIN STAIR SECTION A
A-25 SCALE: 1:50

B MAIN STAIR SECTION B
A-25 SCALE: 1:50

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 30244
FAX NOS: 927 0608;
426 7214

ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT	
PRC No. 17726	Validity: 04/27/2024
PTR No. 0732073	Date: 01/11/2021
Place: QUEZON CITY	TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPUTATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

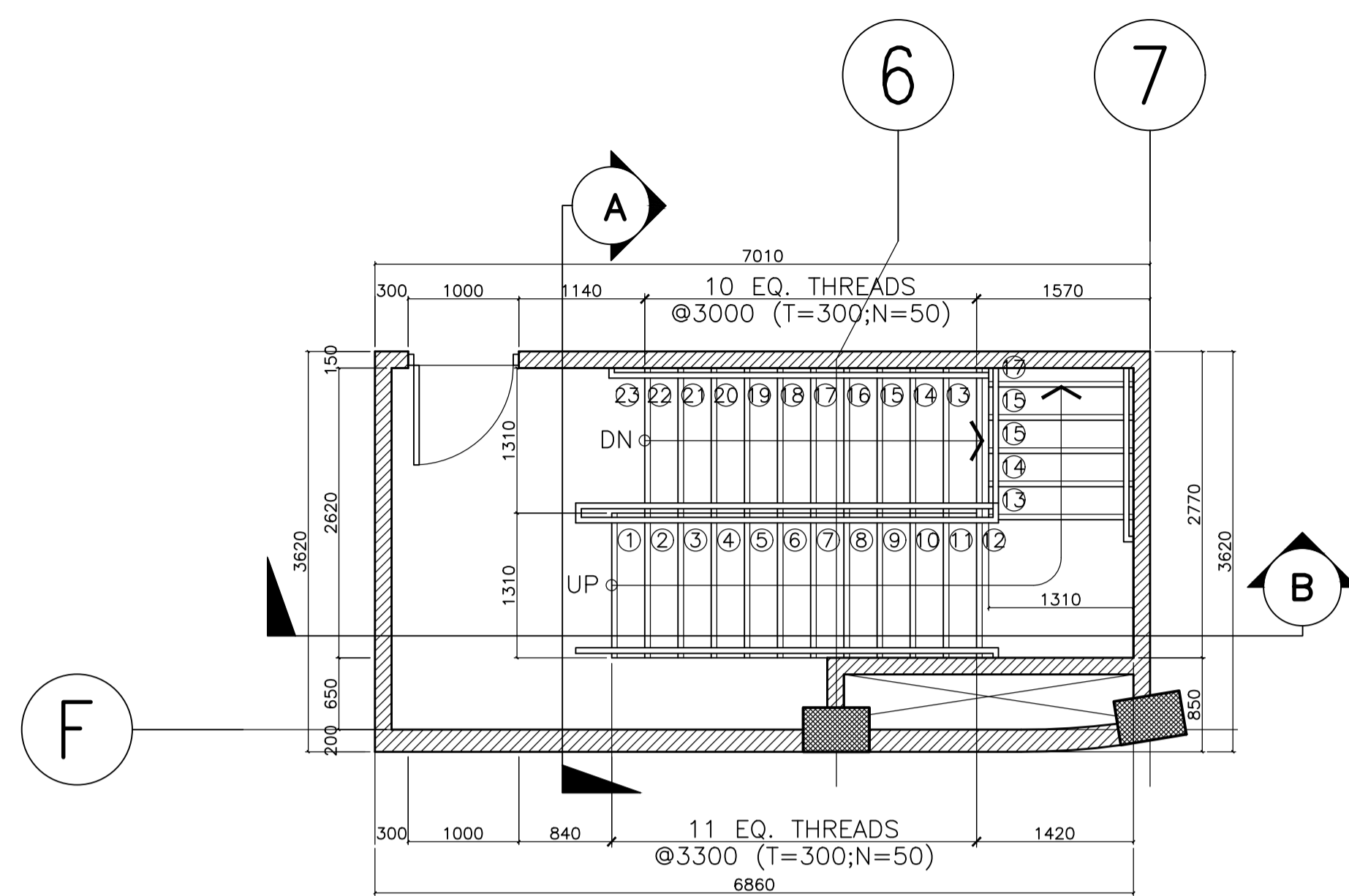
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF
--

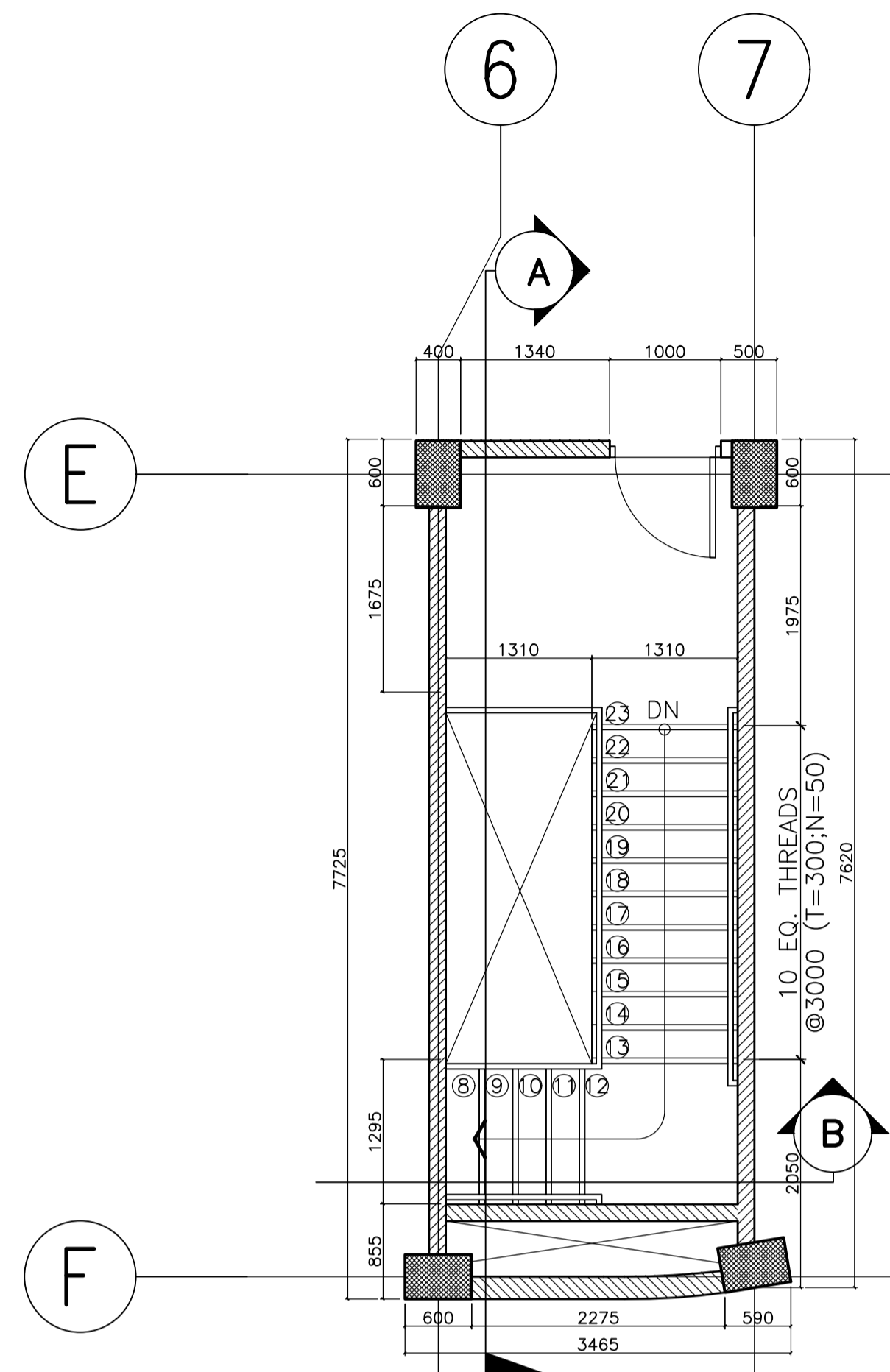
APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS: MAIN STAIR SECTION

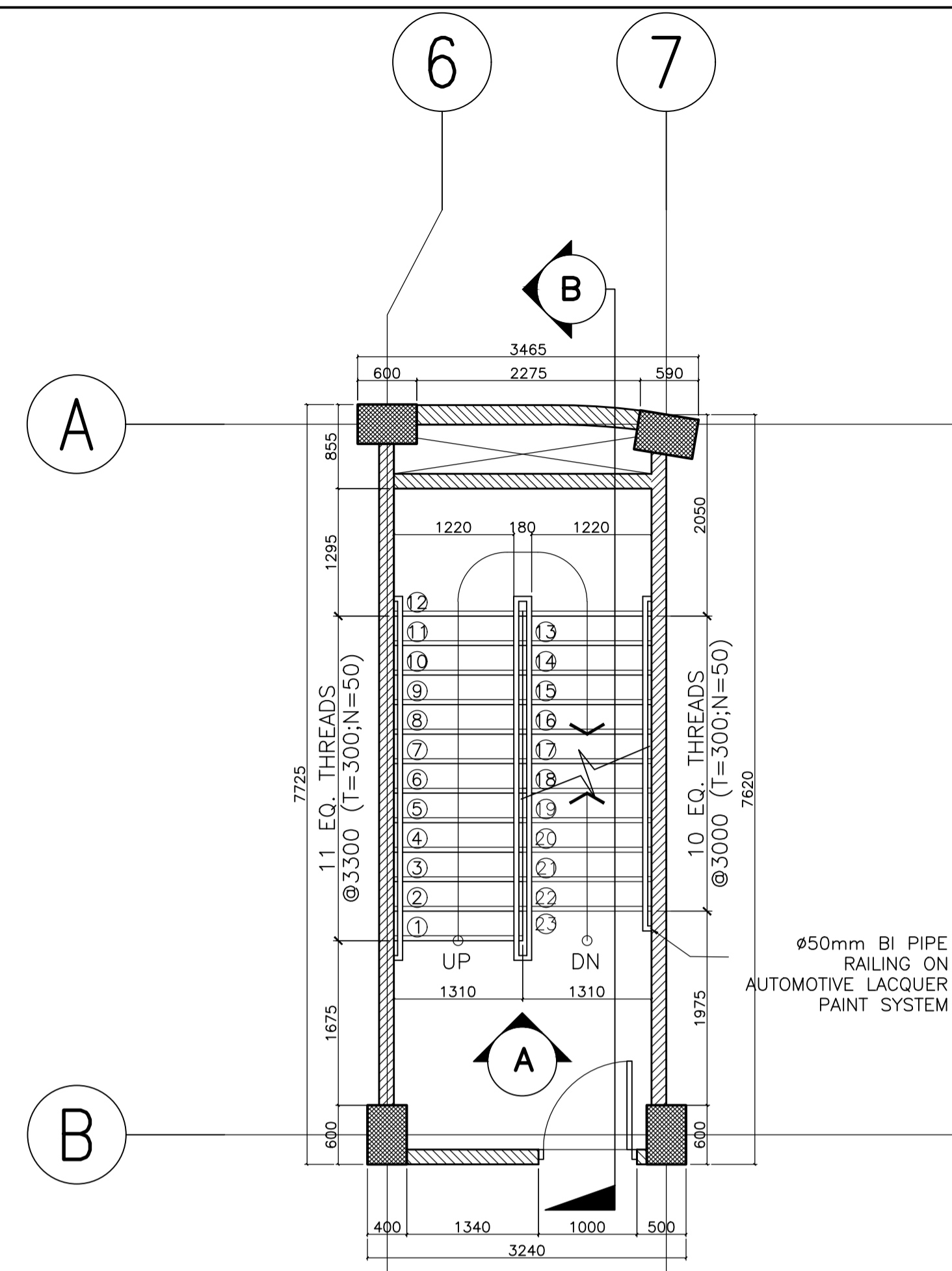
SHEET NO:
A
25 37



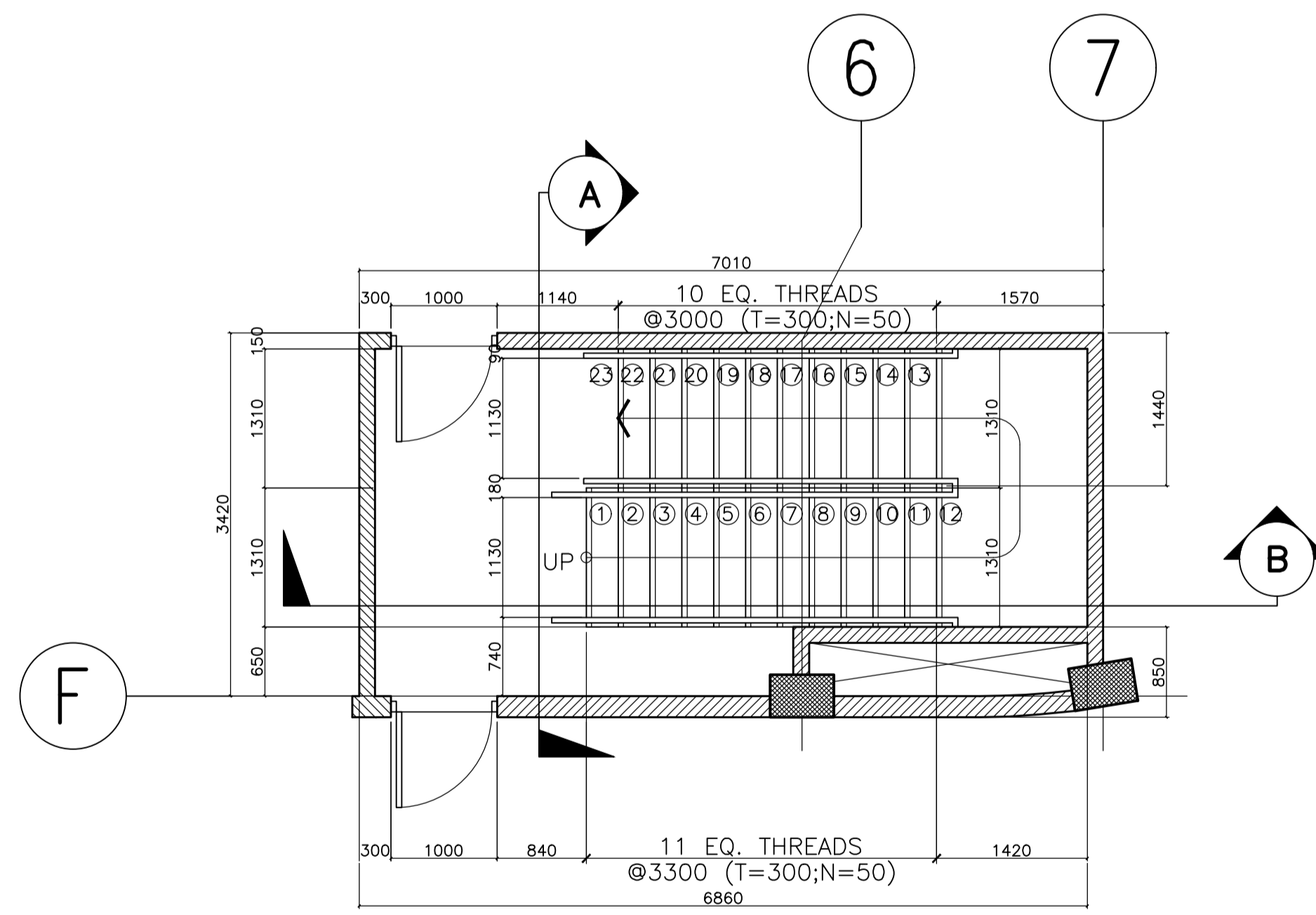
A BASEMENT TO GROUND FLOOR
FIRE EXIT 1
A-26 SCALE: 1:50



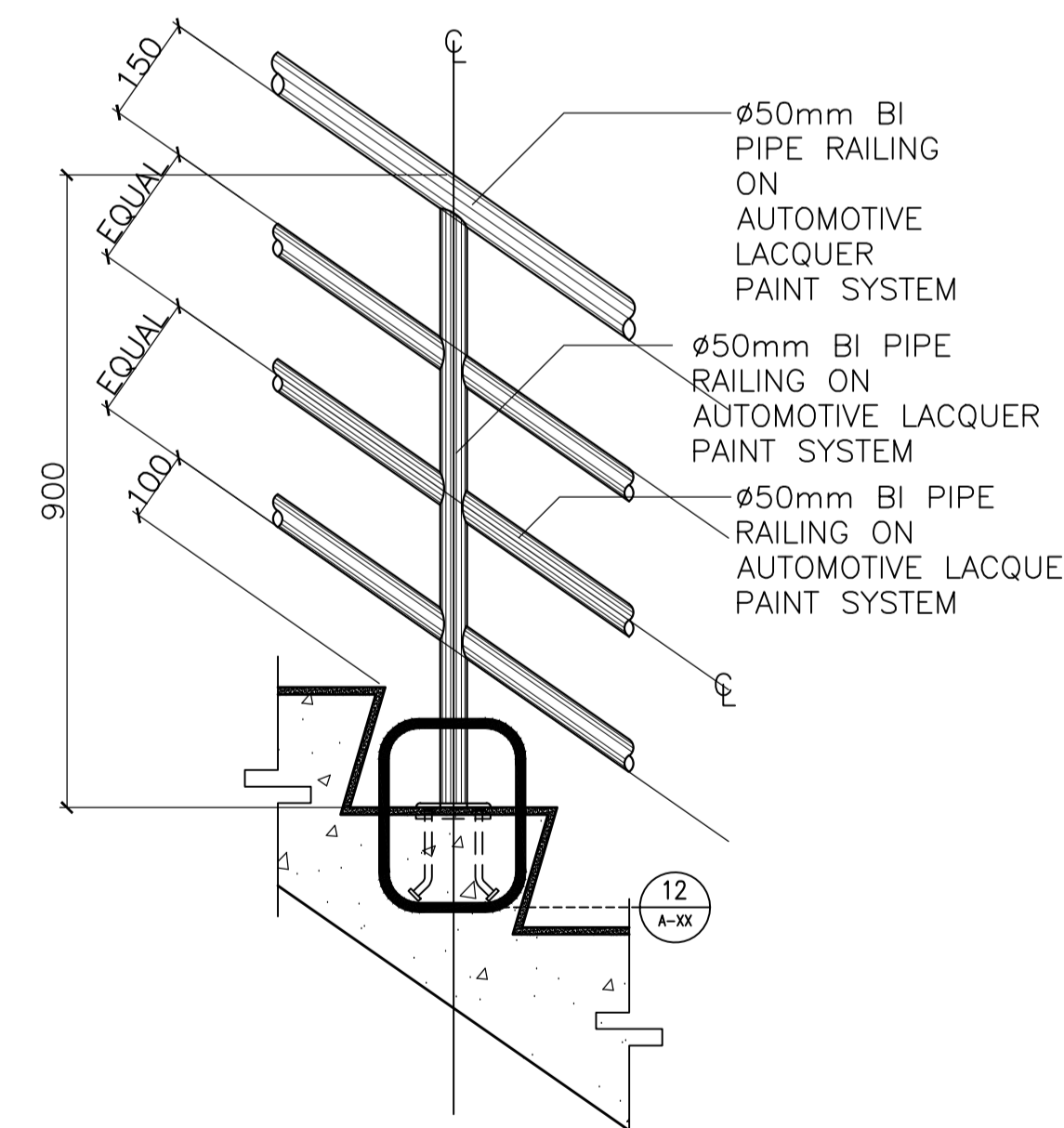
C SECOND FLOOR TO THIRD FLOOR
FIRE EXIT 1
A-26 SCALE: 1:50



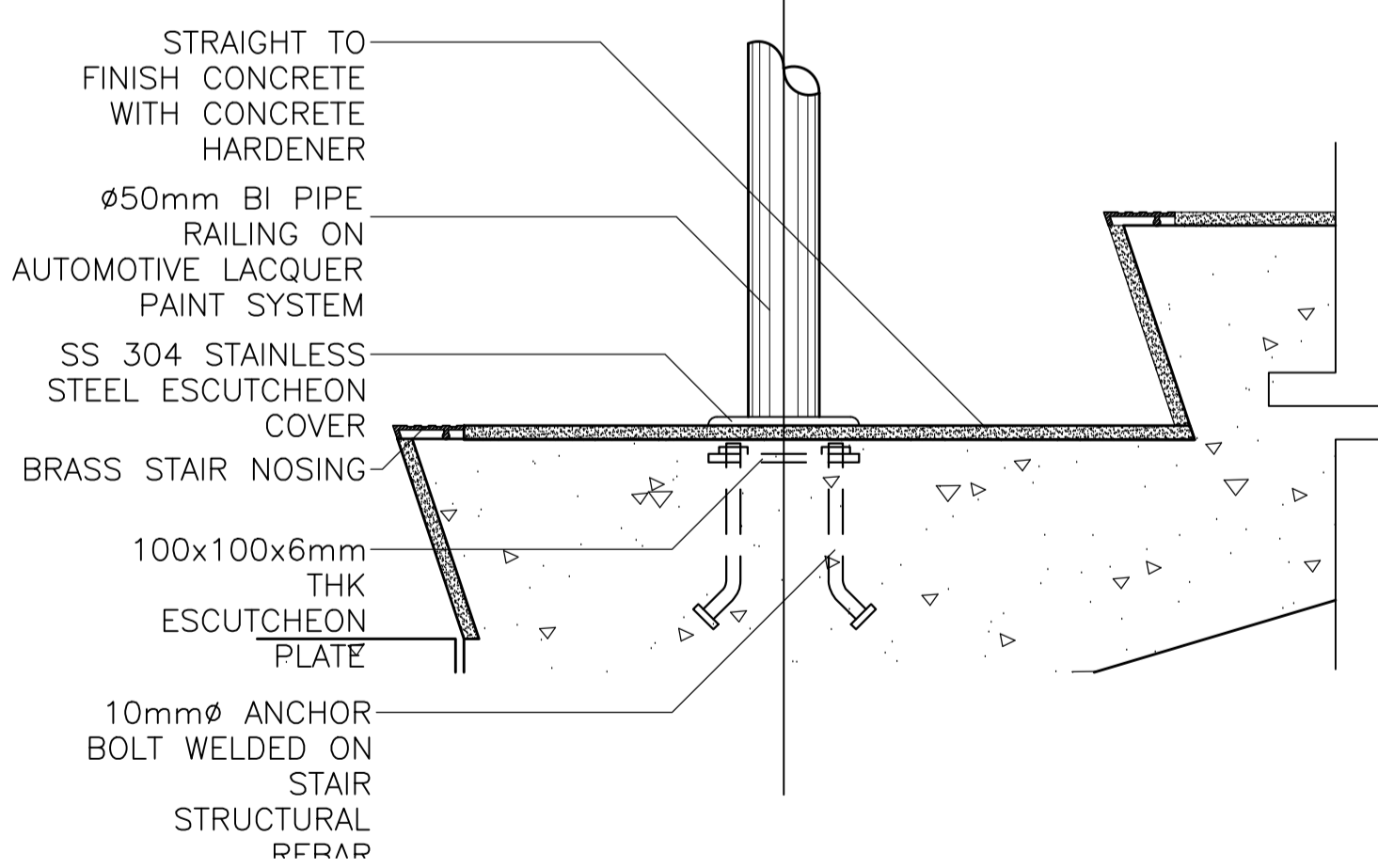
D BASEMENT TO THIRD FLOOR
FIRE EXIT 2
A-26 SCALE: 1:50



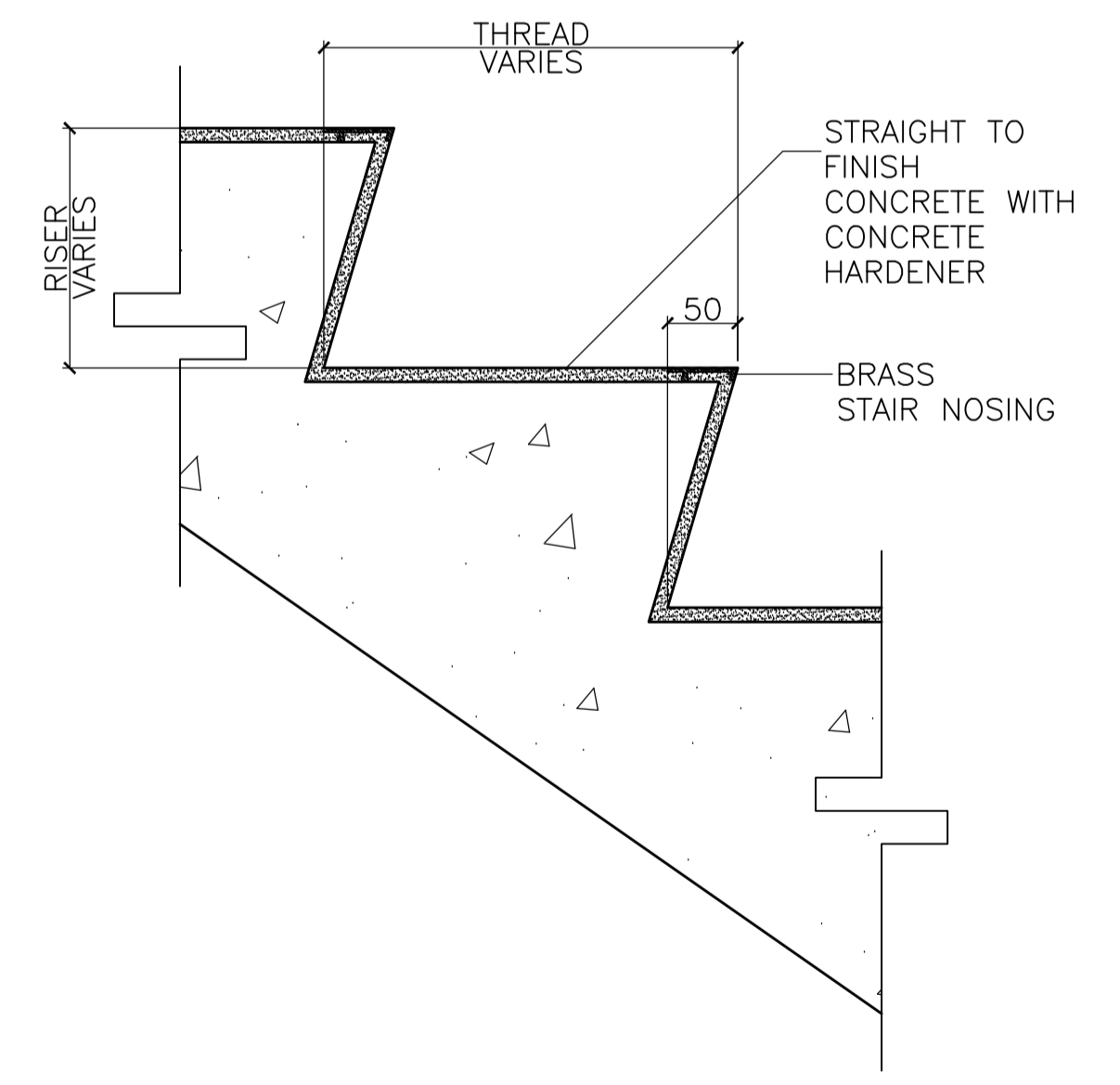
B GROUND FLOOR TO SECOND FLOOR
FIRE EXIT 1
A-26 SCALE: 1:50



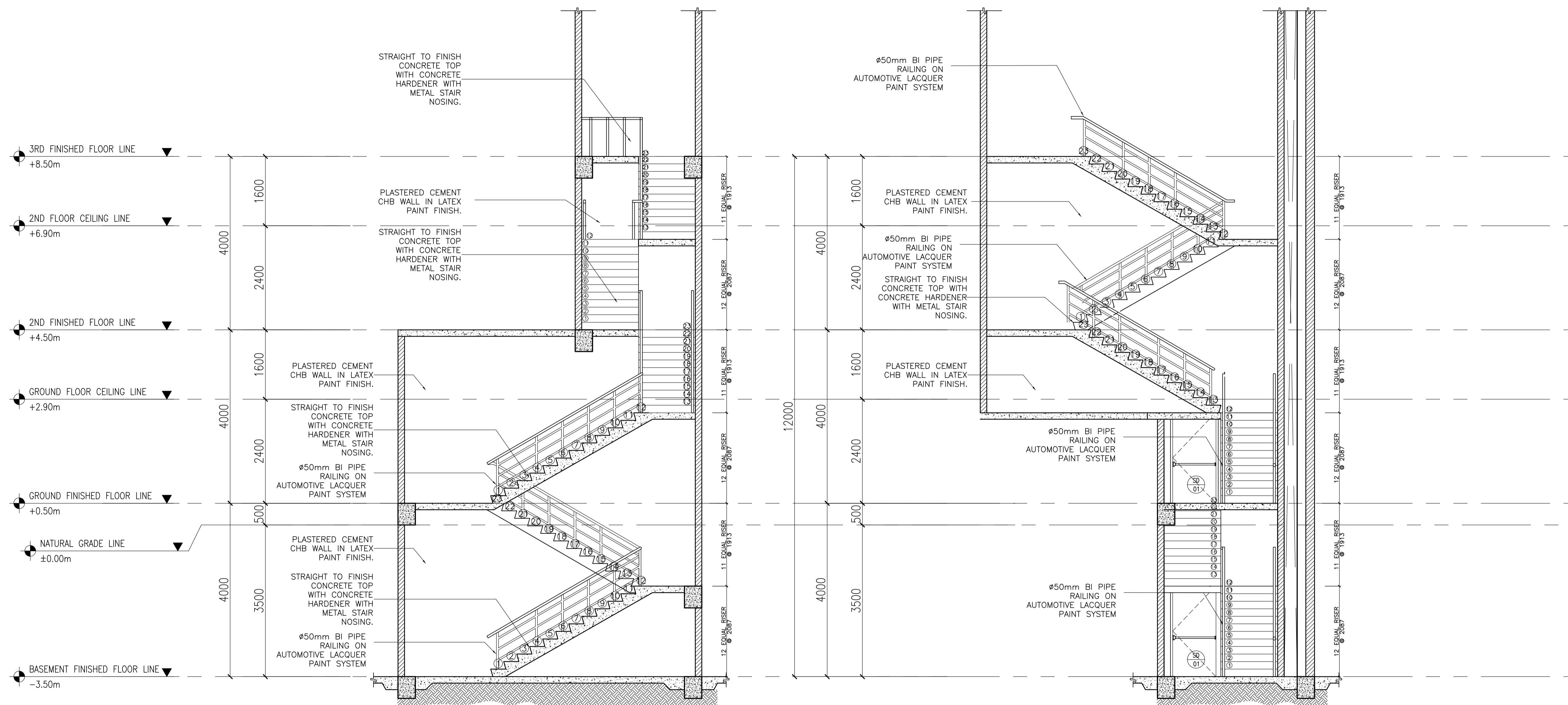
1 FIRE EXIT STAIRS
SPOT DETAIL "D"
A-26 SCALE: 1:10 MTS



2 FIRE EXIT STAIRS
SPOT DETAIL "E"
A-26 SCALE: 1:5 MTS

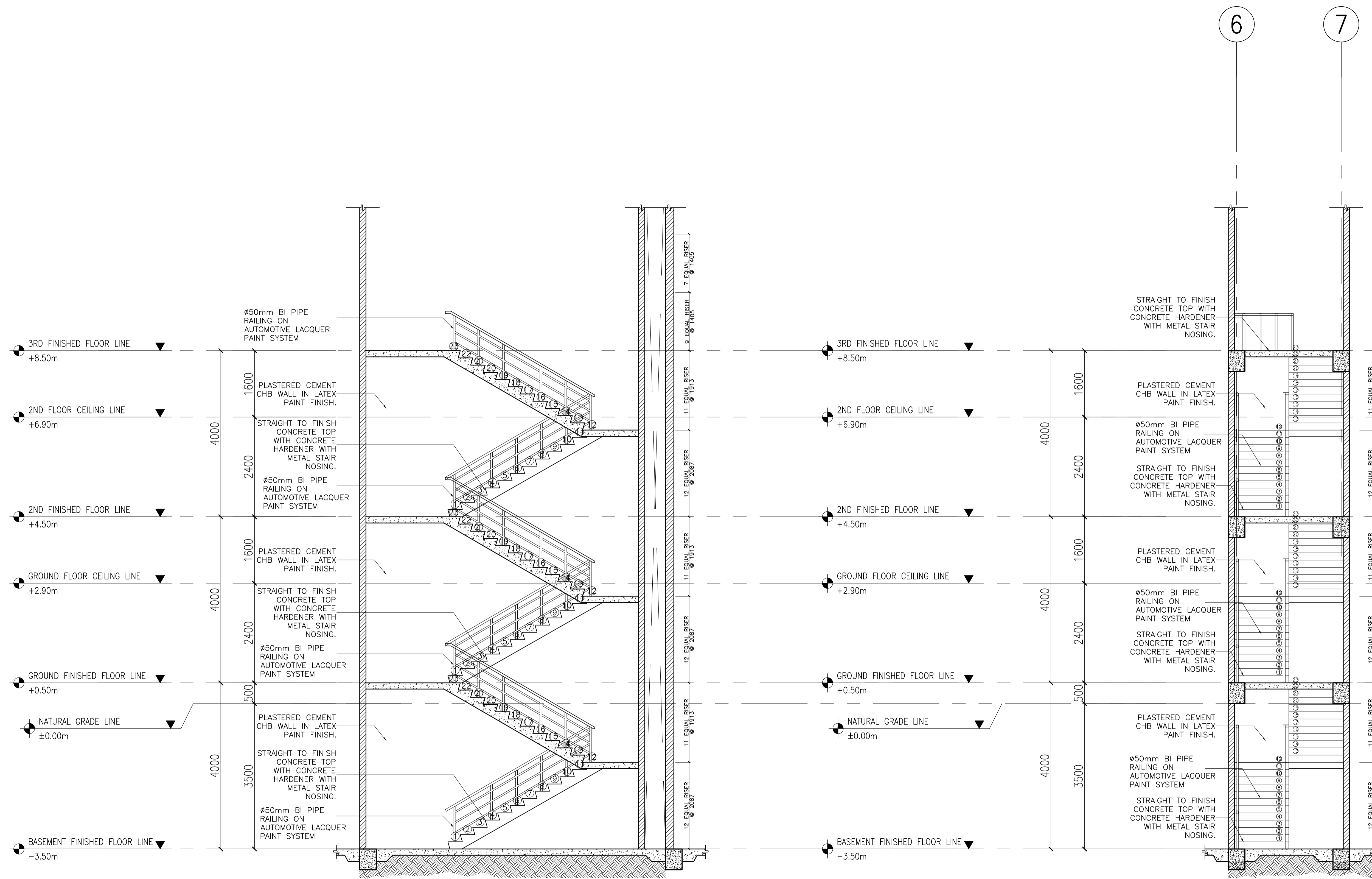


3 FIRE EXIT STAIRS
SPOT DETAIL "F"
A-26 SCALE: 3



A FIRE EXIT 1 SECTION B
 A-27 SCALE: 1:50

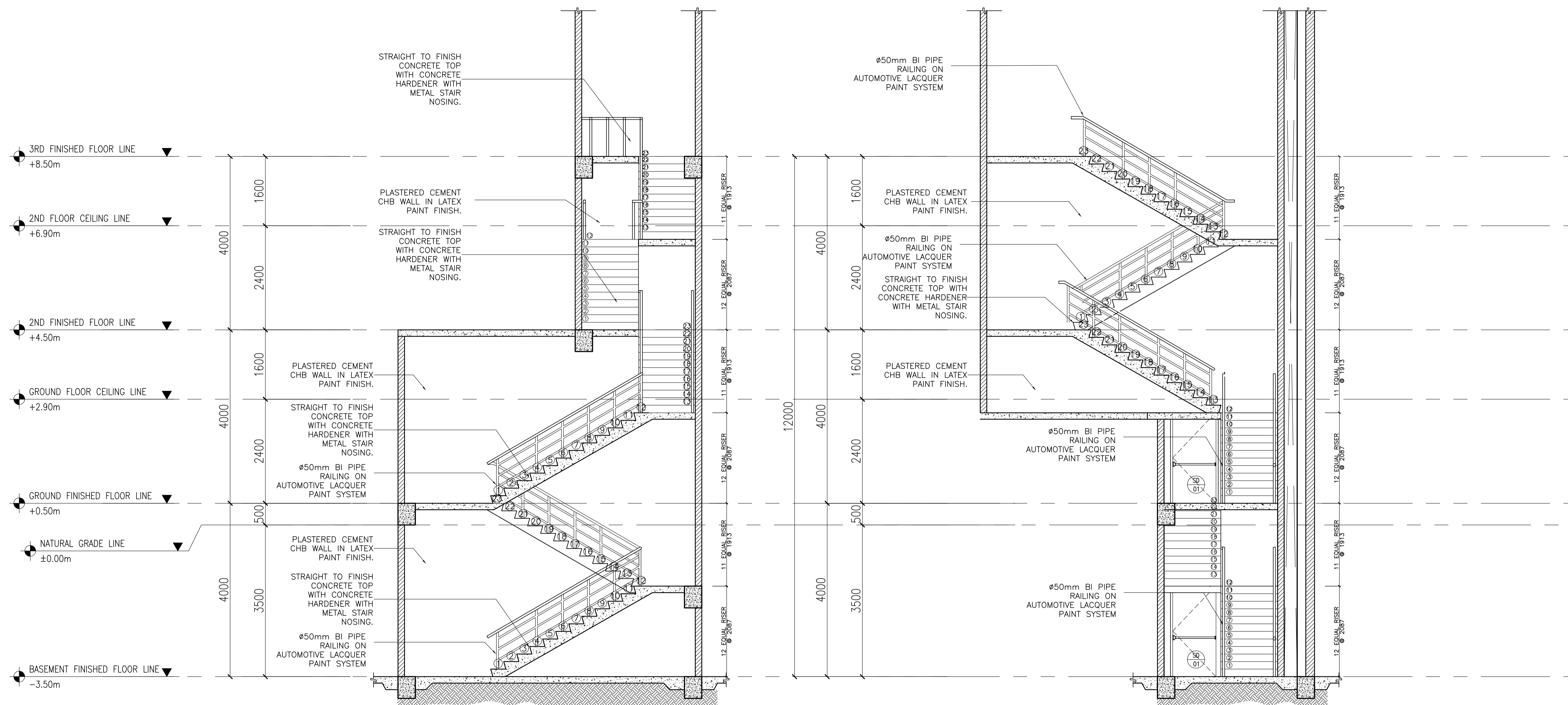
B FIRE EXIT 1 SECTION A
 A-27 SCALE: 1:50



A FIRE EXIT 2 SECTION B
A-28 SCALE: 1:50

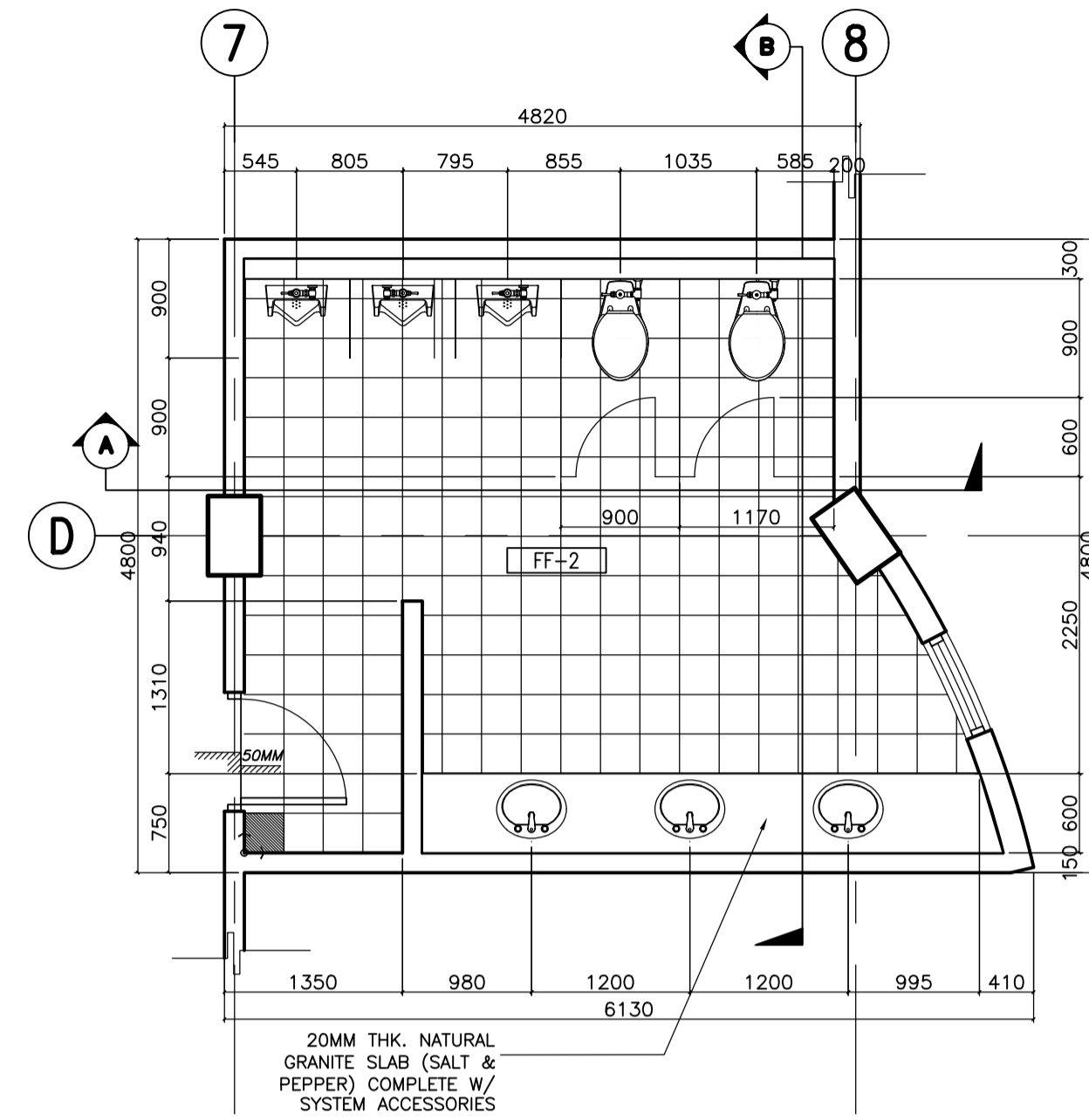
A FIRE EXIT 2 SECTION A
A-28 SCALE: 1:50

ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ARCHITECT: HENRY STEVE R. OLONAN ARCHITECT	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FIRE EXIT 2 SECTION	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> A </div> </div> 28 37
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE. LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214	PRC No. 17726 Validity: 04/27/2024 PTR No. 0732073 Date: 01/11/2021 Place: QUEZON CITY TIN: 106186110	LOCATION: Brgy. Rizal, Odiangan, Romblon					

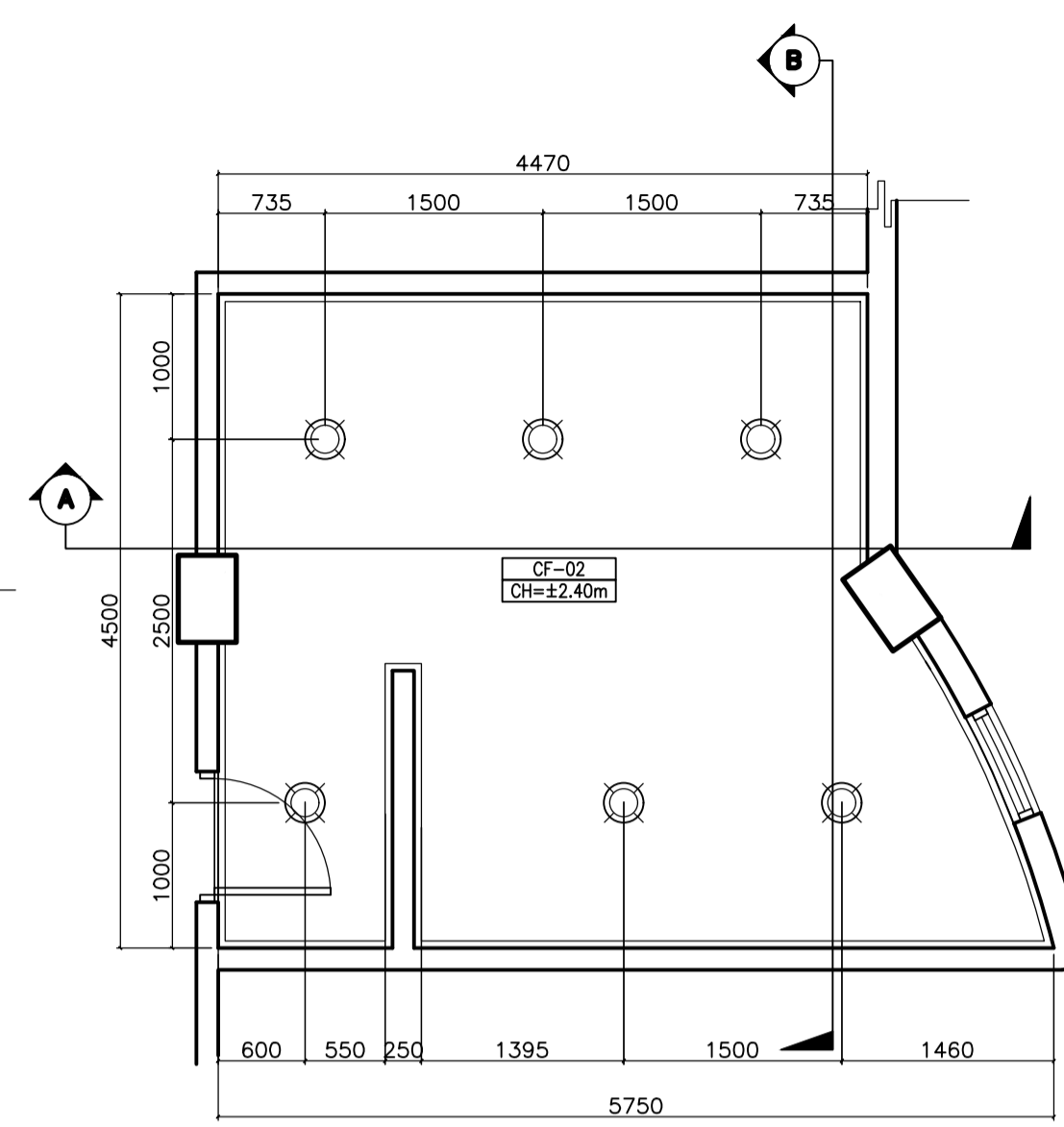


A FIRE EXIT 1 SECTION B
A-29 SCALE: 1:50

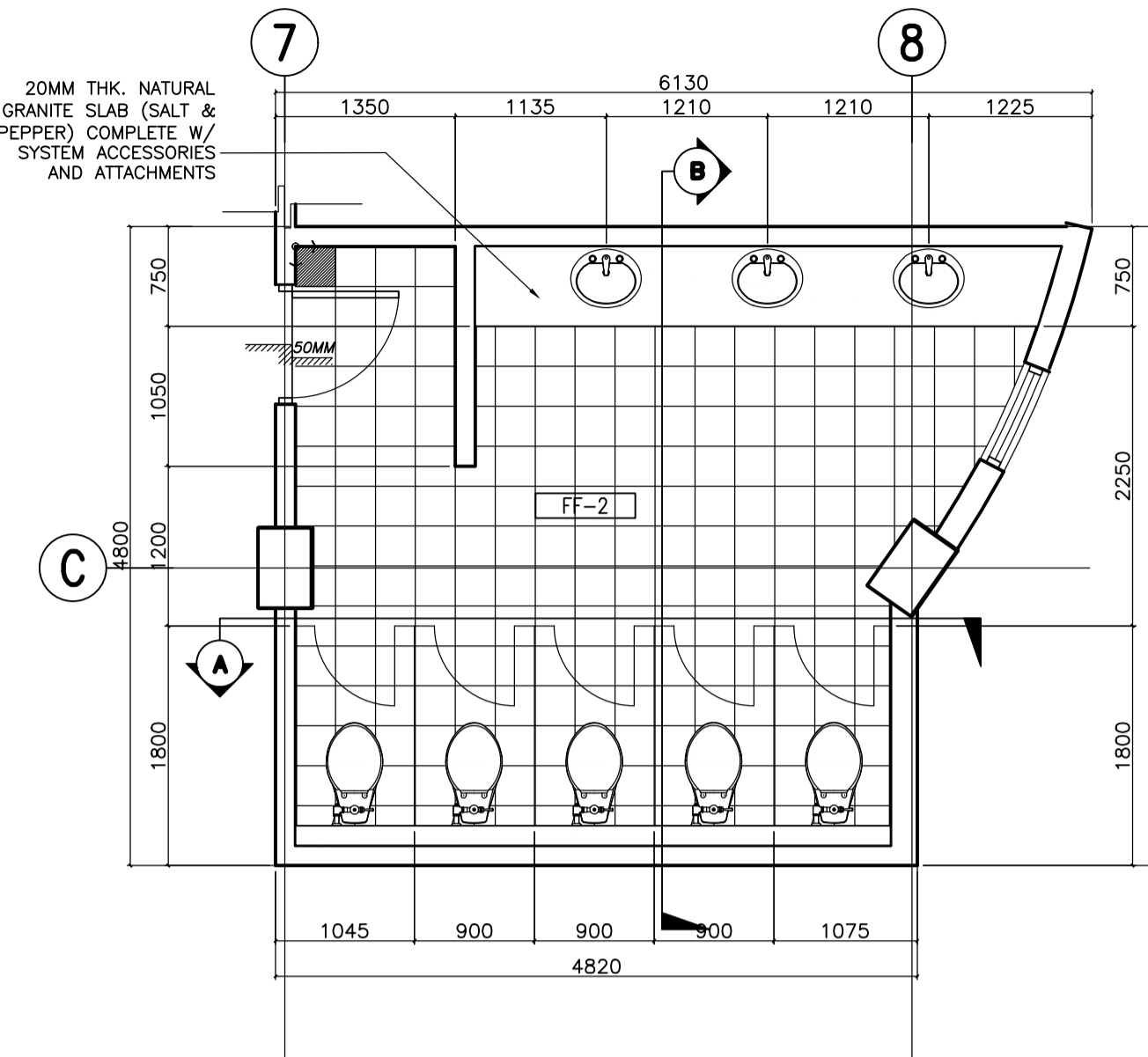
B FIRE EXIT 1 SECTION A
A-29 SCALE: 1:50



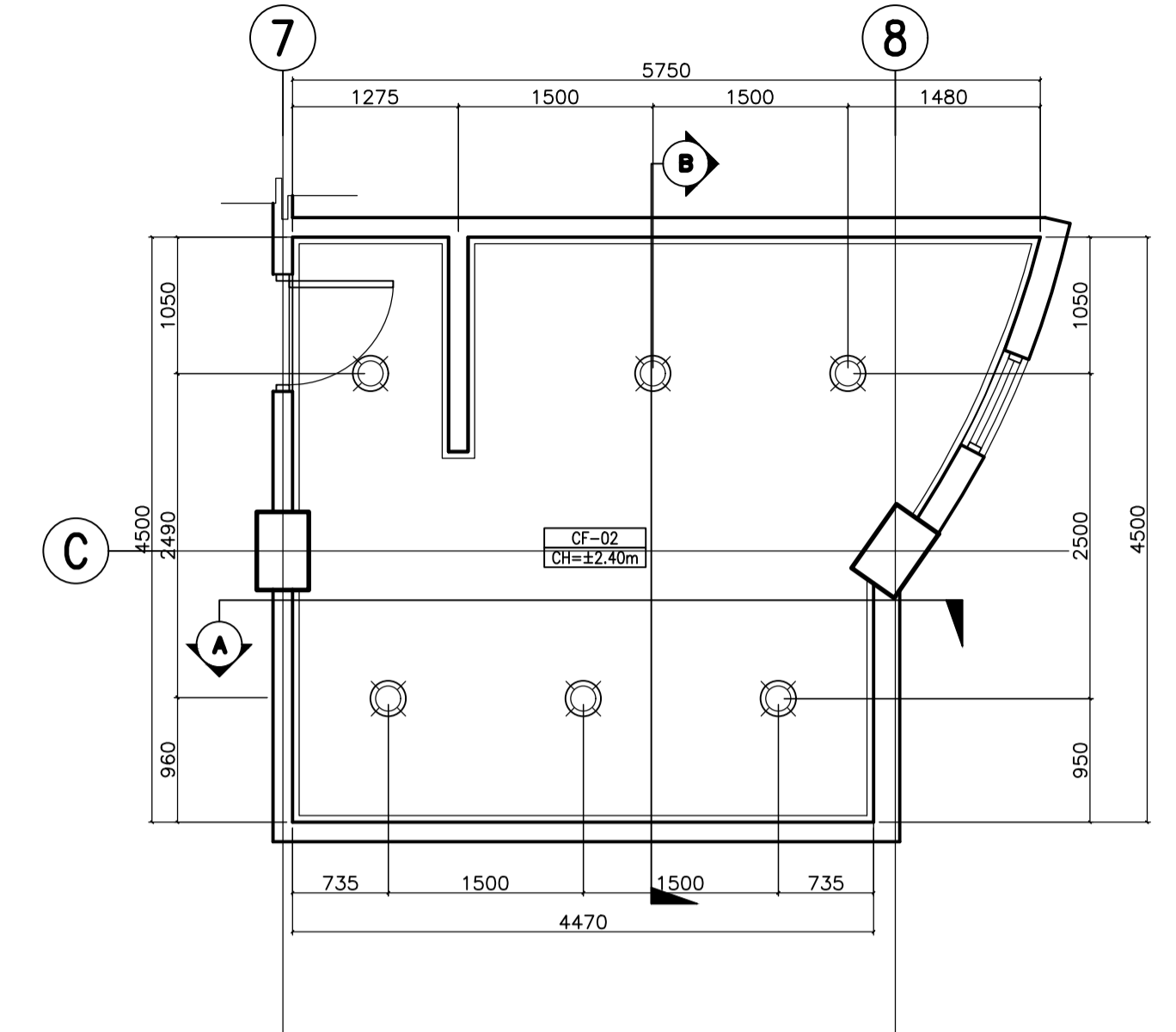
A ACADEMIC BUILDING II - MALE TOILET
TOILET BLOW-UP PLAN
 A-30 SCALE: 1:50m



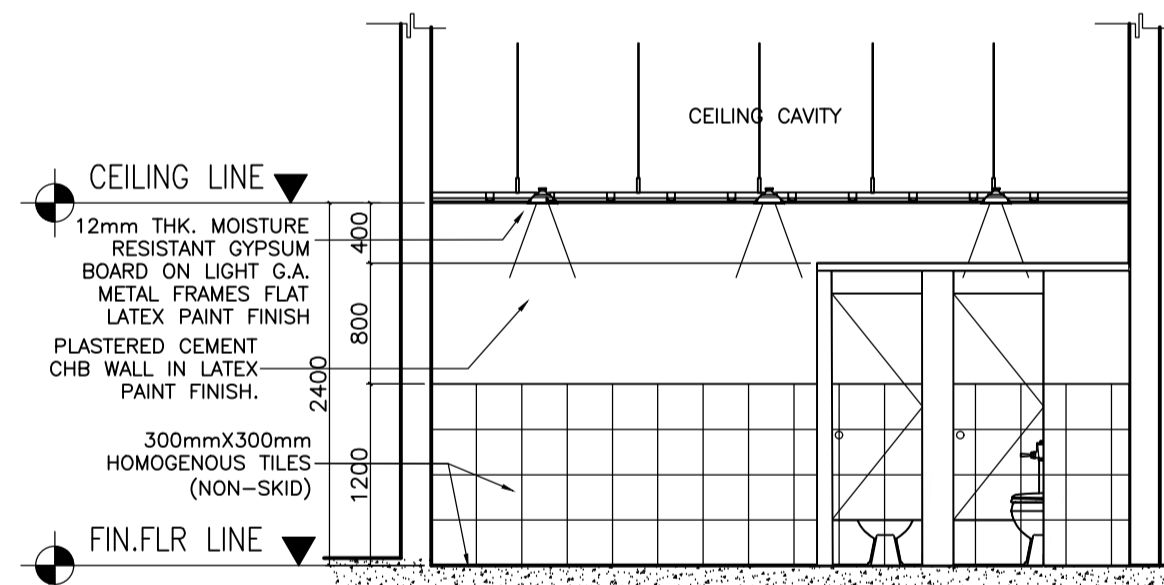
B ACADEMIC BUILDING II - MALE TOILET
REFLECTED CEILING PLAN
 A-30 SCALE: 1:50m



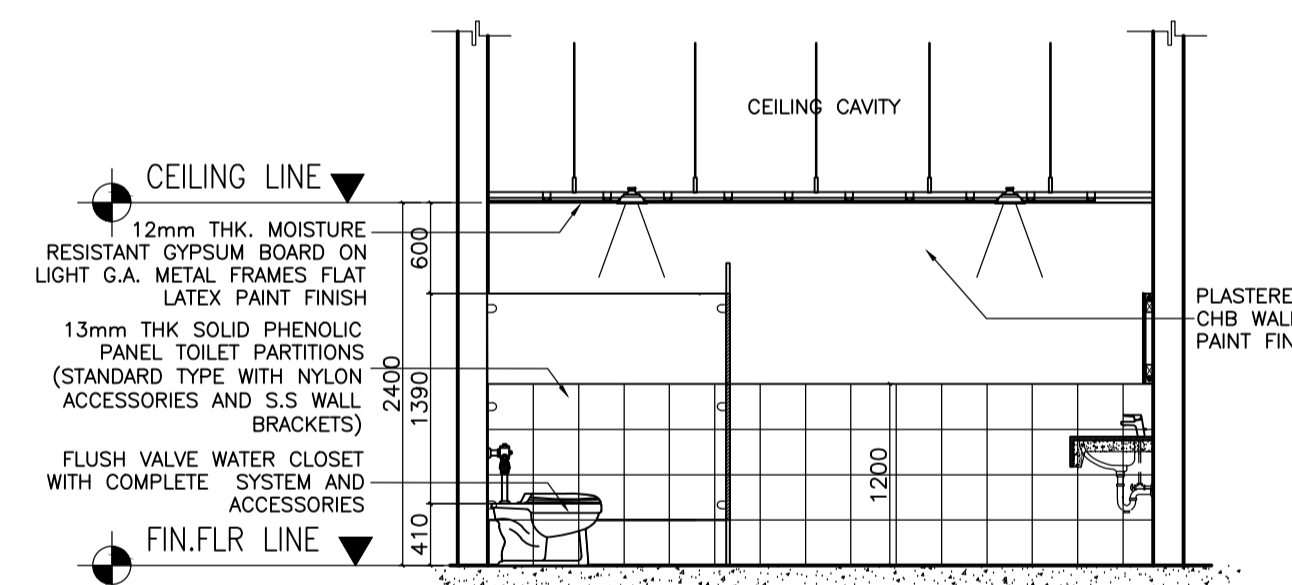
C ACADEMIC BUILDING II - FEMALE TOILET
TOILET BLOW-UP PLAN
 A-30 SCALE: 1:50m



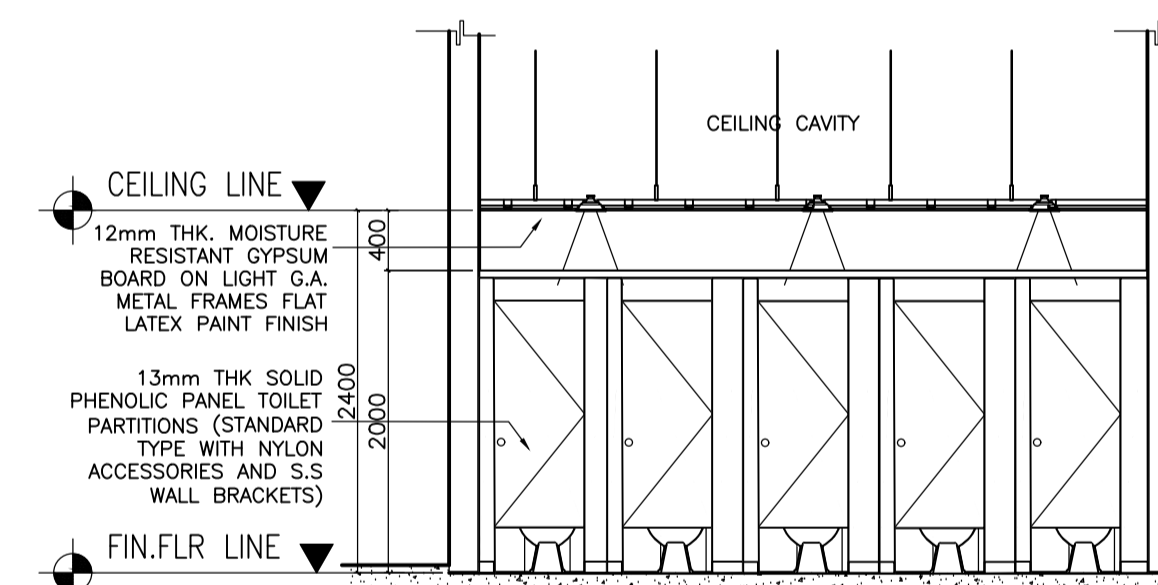
D ACADEMIC BUILDING II - FEMALE TOILET
REFLECTED CEILING PLAN
 A-30 SCALE: 1:50m



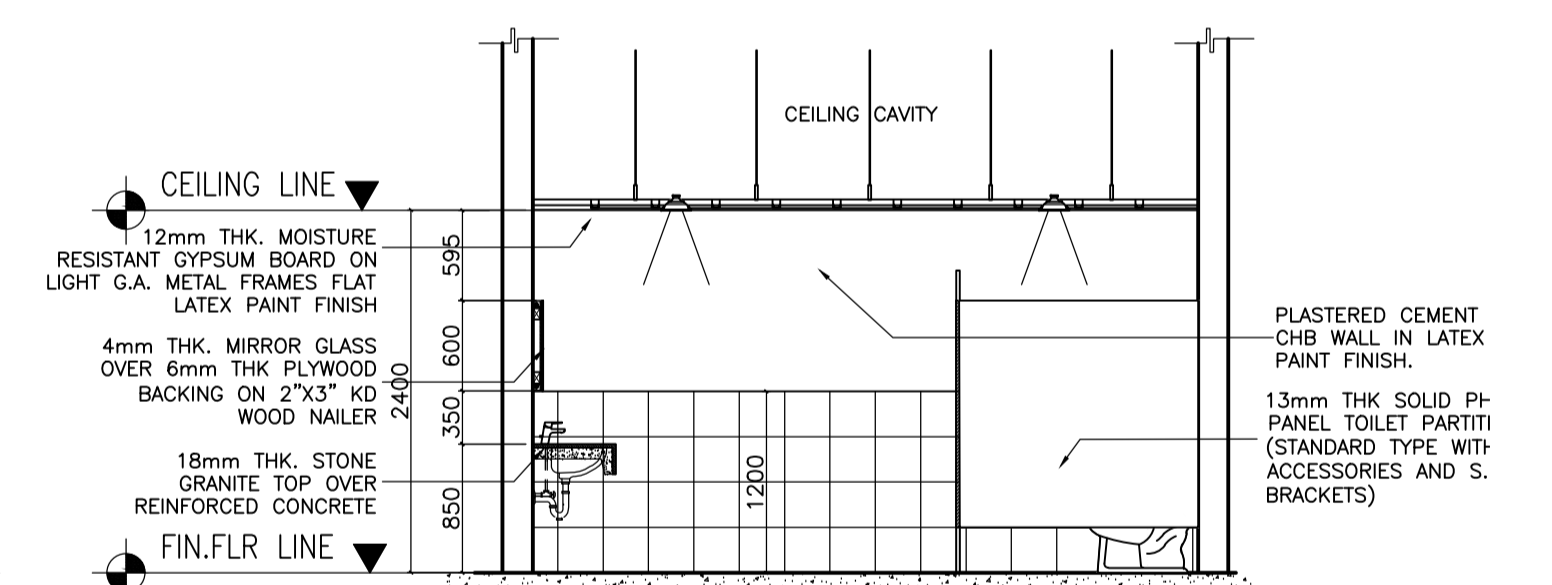
E ACADEMIC BUILDING II - MALE TOILET
SECTION THRU - A
 A-30 SCALE: 1:50m



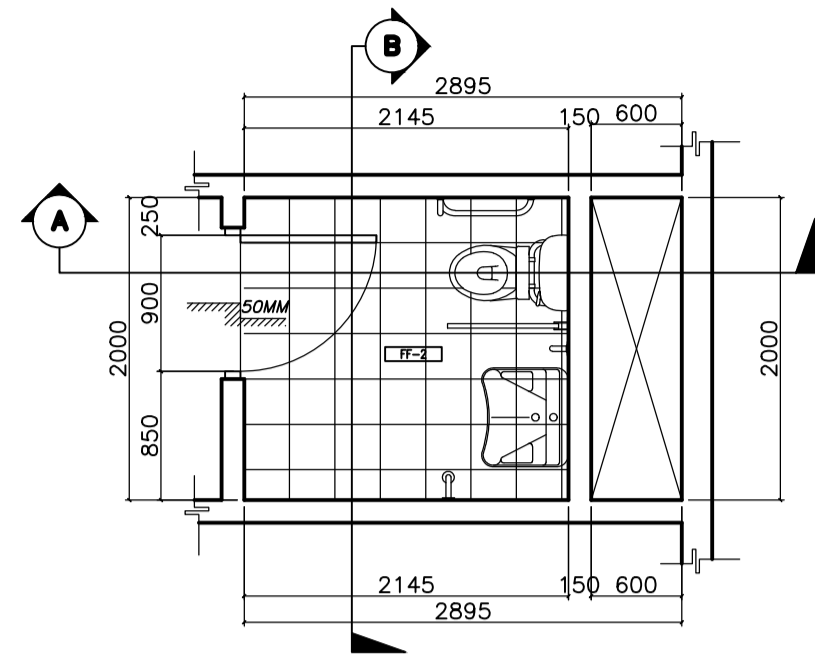
F ACADEMIC BUILDING II - MALE TOILET
SECTION THRU - B
 A-30 SCALE: 1:50m



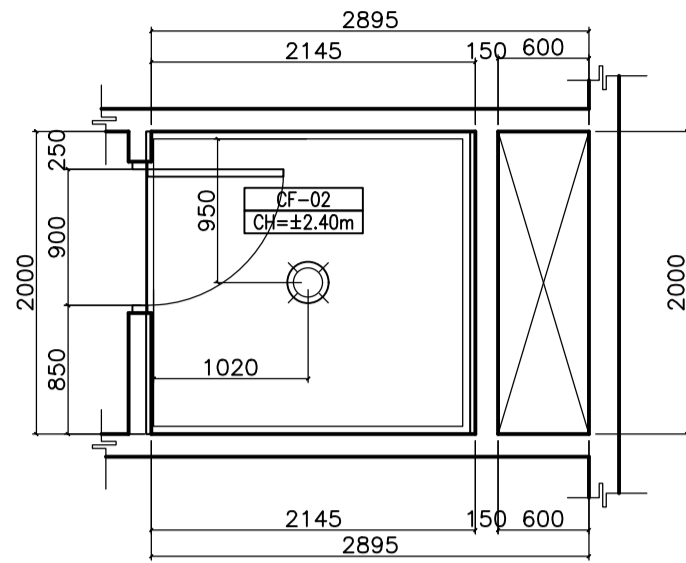
G ACADEMIC BUILDING II - FEMALE TOILET
SECTION THRU - A
 A-30 SCALE: 1:50m



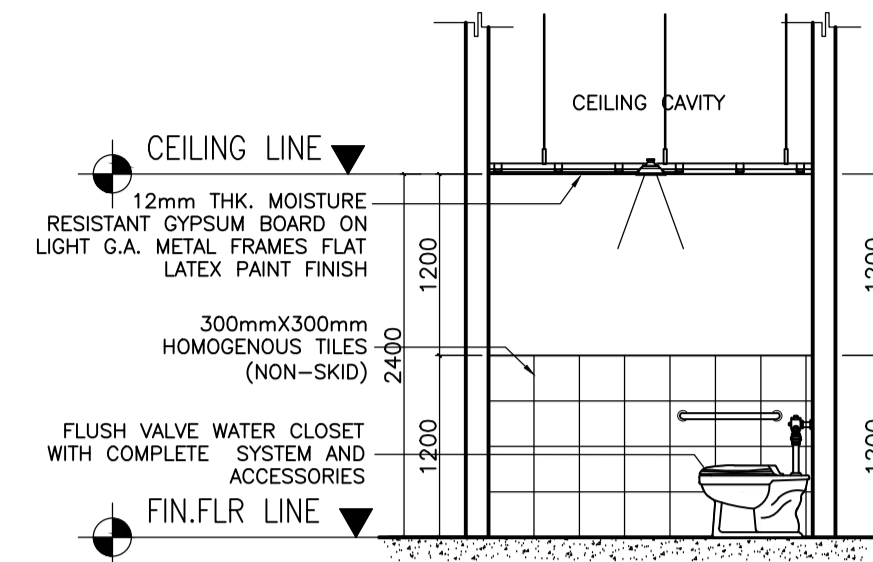
H ACADEMIC BUILDING II - FEMALE TOILET
SECTION THRU - B
 A-30 SCALE: 1:50m



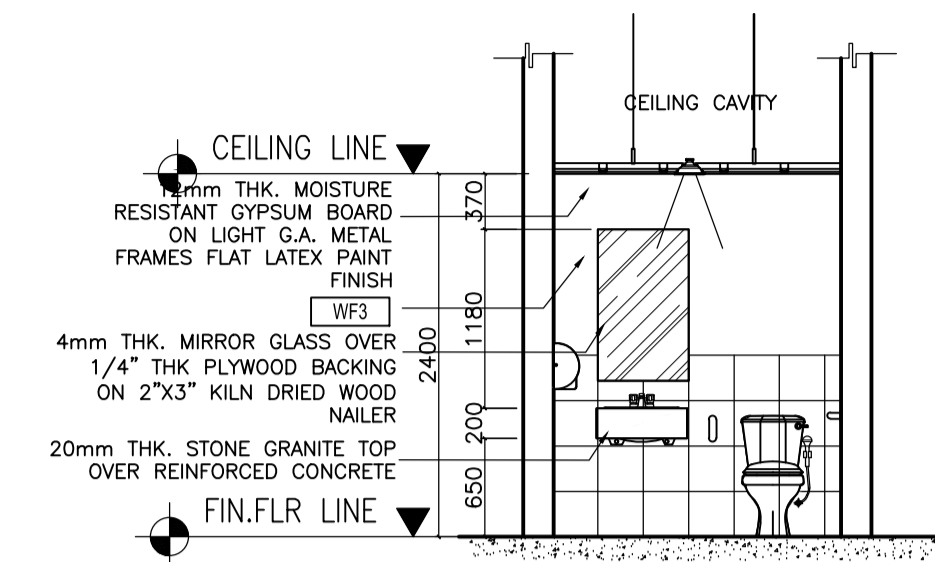
A ACADEMIC BUILDING II - PWD TOILET
TOILET BLOW-UP PLAN
A-31 SCALE: 1:50m



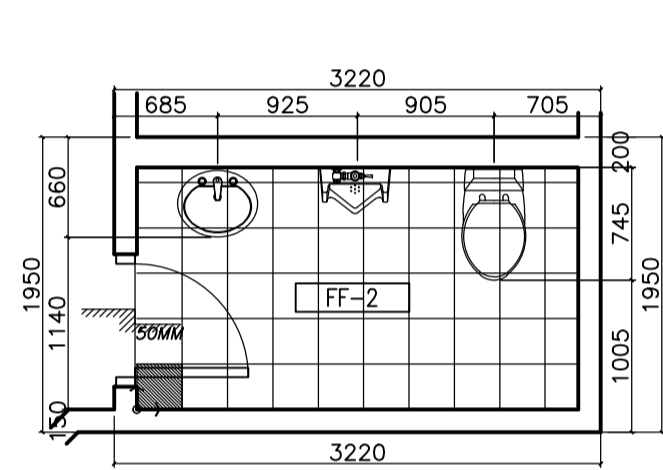
B ACADEMIC BUILDING II - PWD TOILET
REFLECTED CEILING PLAN
A-31 SCALE: 1:50m



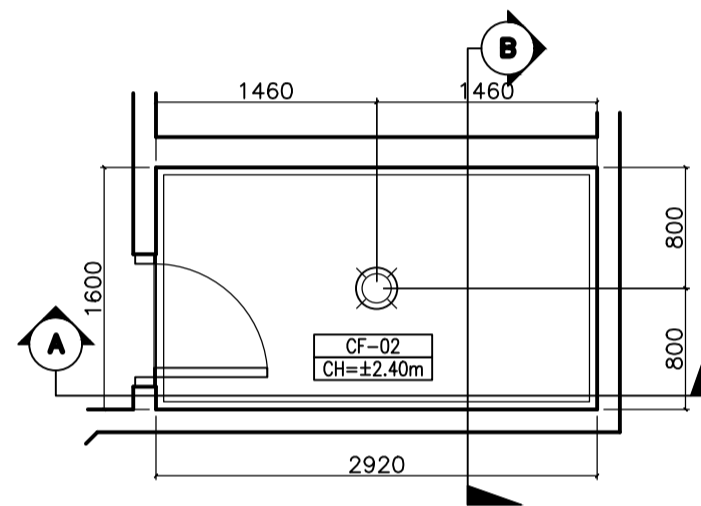
C ACADEMIC BUILDING II - PWD TOILET
SECTION THRU - A
A-31 SCALE: 1:50m



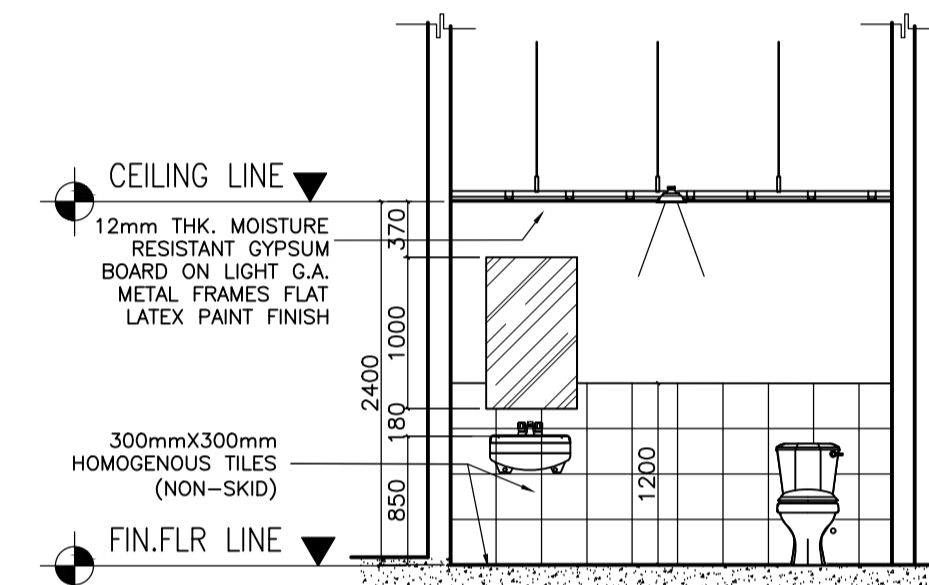
D ACADEMIC BUILDING II - PWD TOILET
SECTION THRU - B
A-31 SCALE: 1:50m



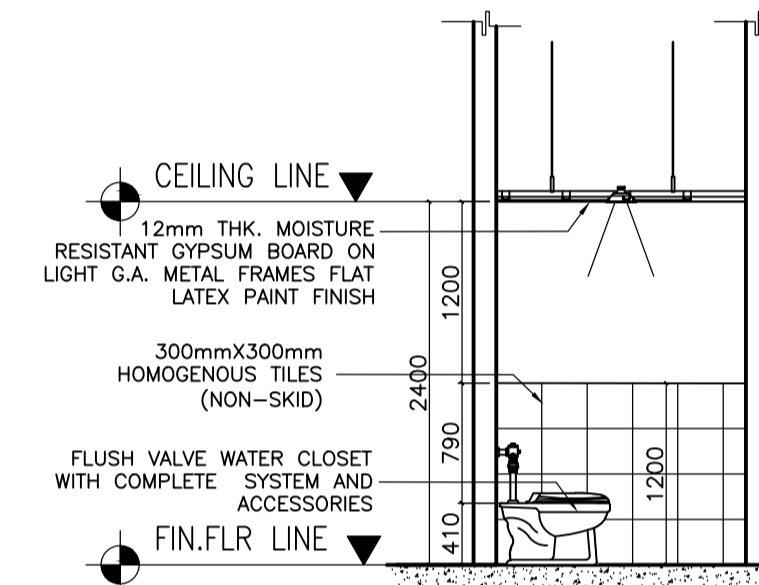
E ACADEMIC BUILDING II - SSD HEAD/CID HEAD/SD HEAD
TOILET BLOW-UP PLAN
A-31 SCALE: 1:50m



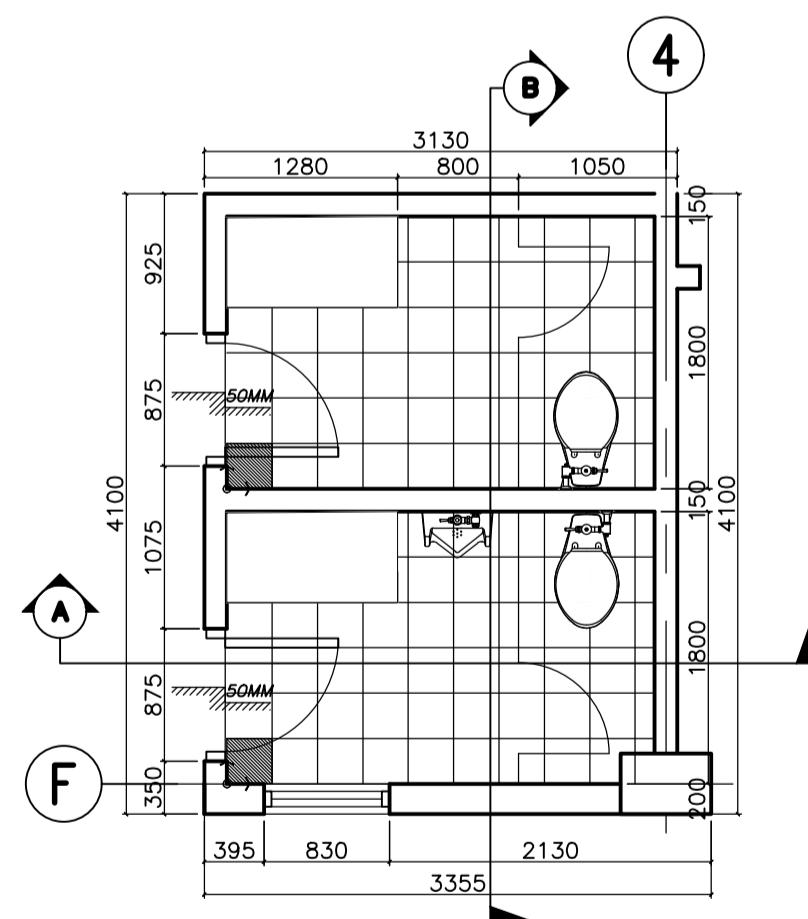
F ACADEMIC BUILDING II - SSD HEAD/CID HEAD/SD HEAD
REFLECTED CEILING PLAN
A-31 SCALE: 1:50m



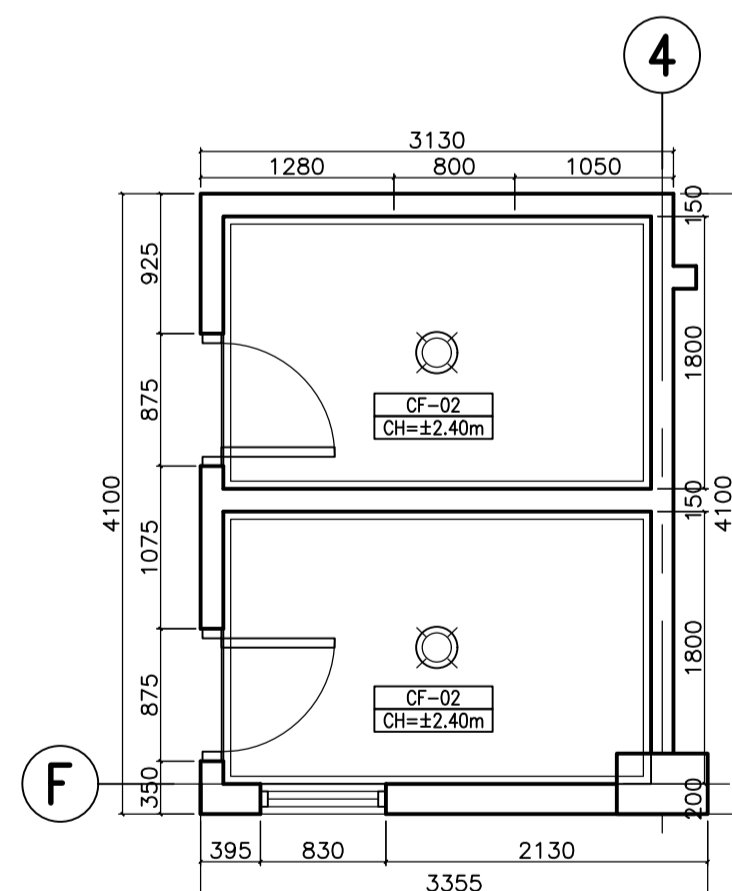
G ACADEMIC BUILDING II - SSD HEAD/CID HEAD/SD HEAD
SECTION THRU - A
A-31 SCALE: 1:50m



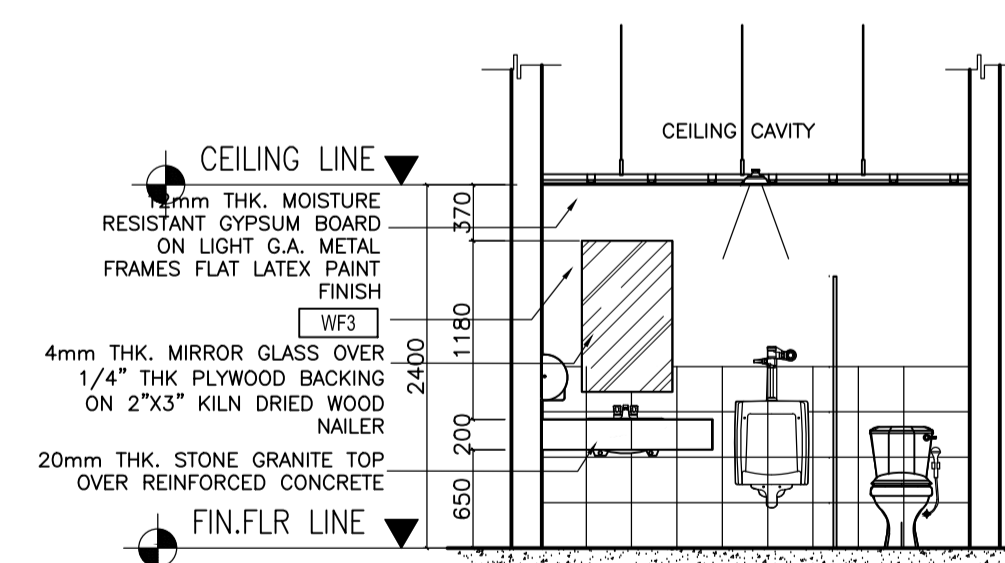
H ACADEMIC BUILDING II - SSD HEAD/CID HEAD/SD HEAD
SECTION THRU - B
A-31 SCALE: 1:50m



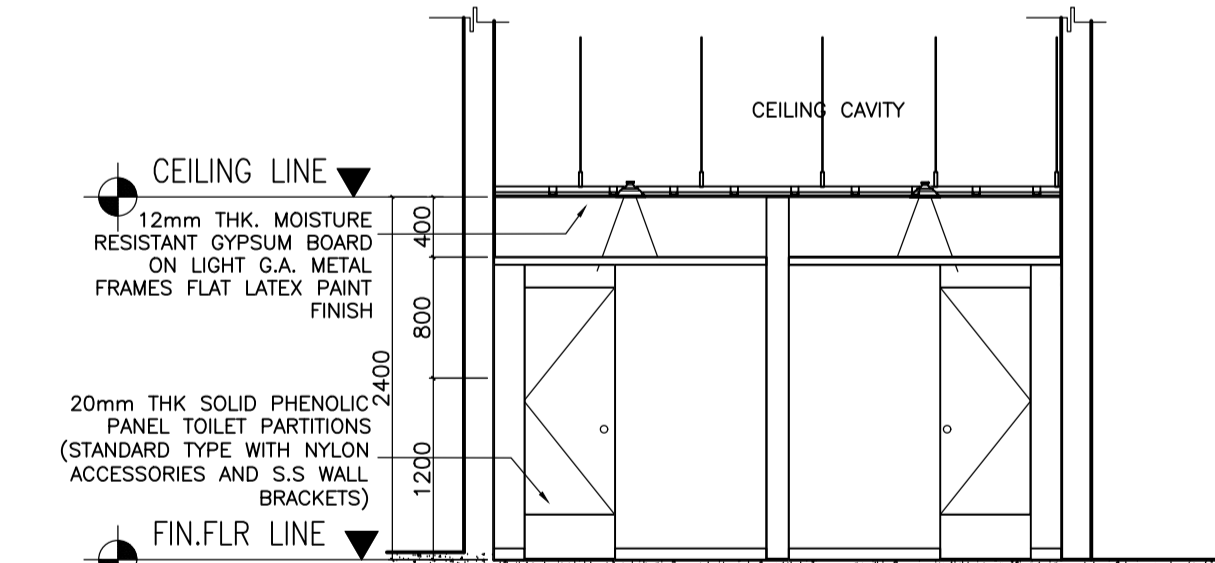
I ACADEMIC BUILDING II - FACULTY ROOM
TOILET BLOW-UP PLAN
A-31 SCALE: 1:50m



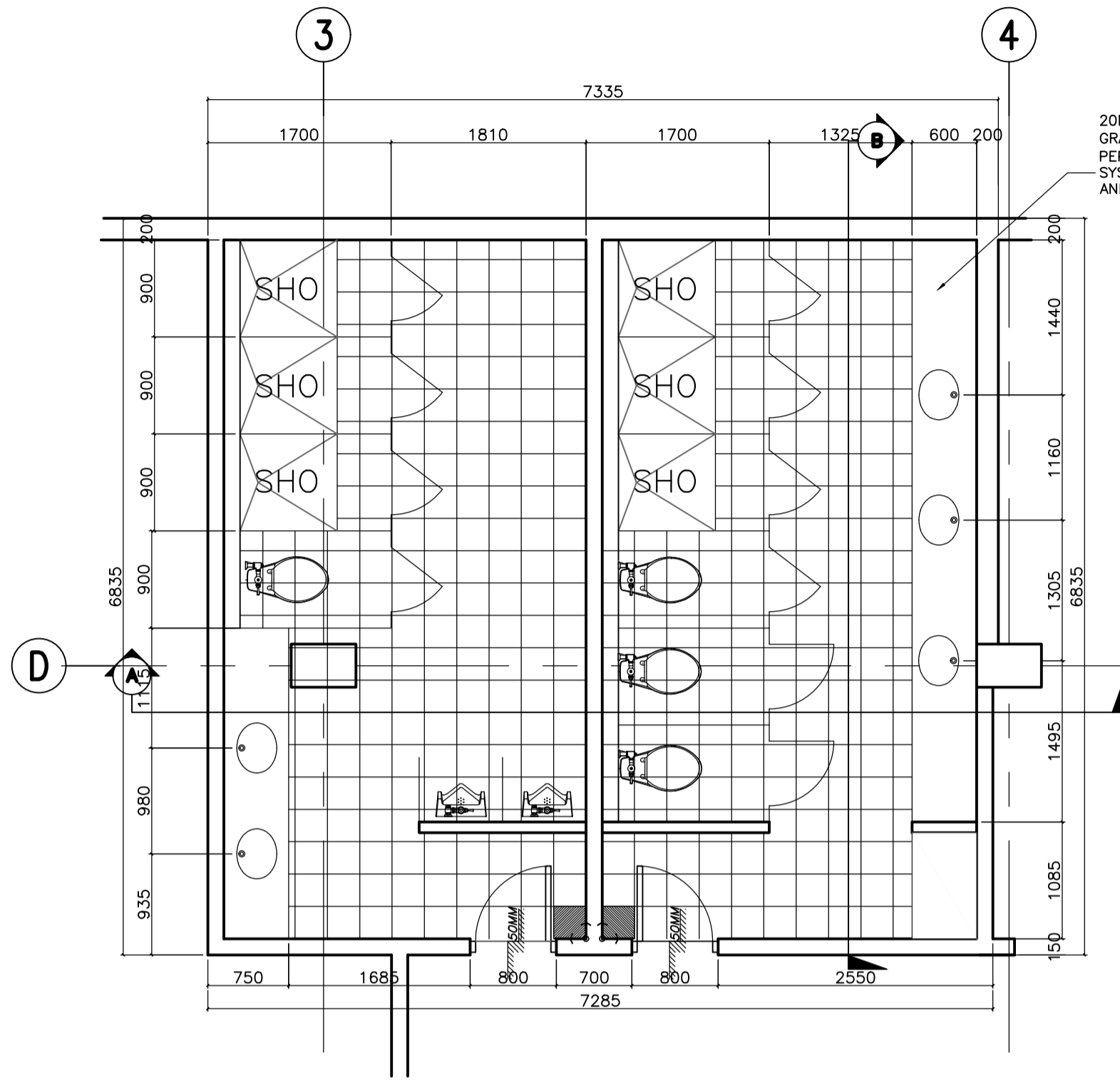
J ACADEMIC BUILDING II - FACULTY ROOM
REFLECTED CEILING PLAN
A-31 SCALE: 1:50m



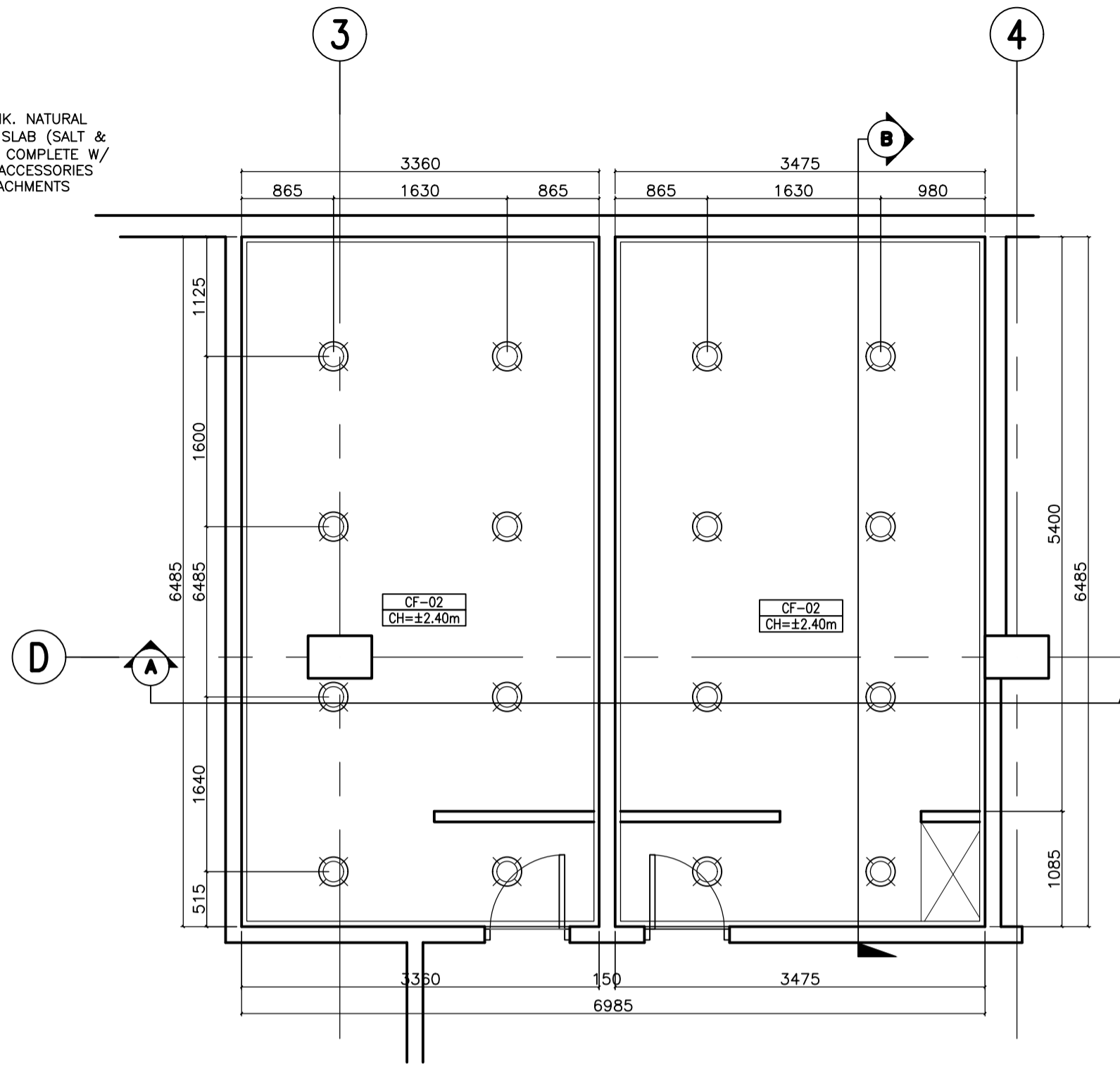
K ACADEMIC BUILDING II - FACULTY ROOM
SECTION THRU - A
A-31 SCALE: 1:50m



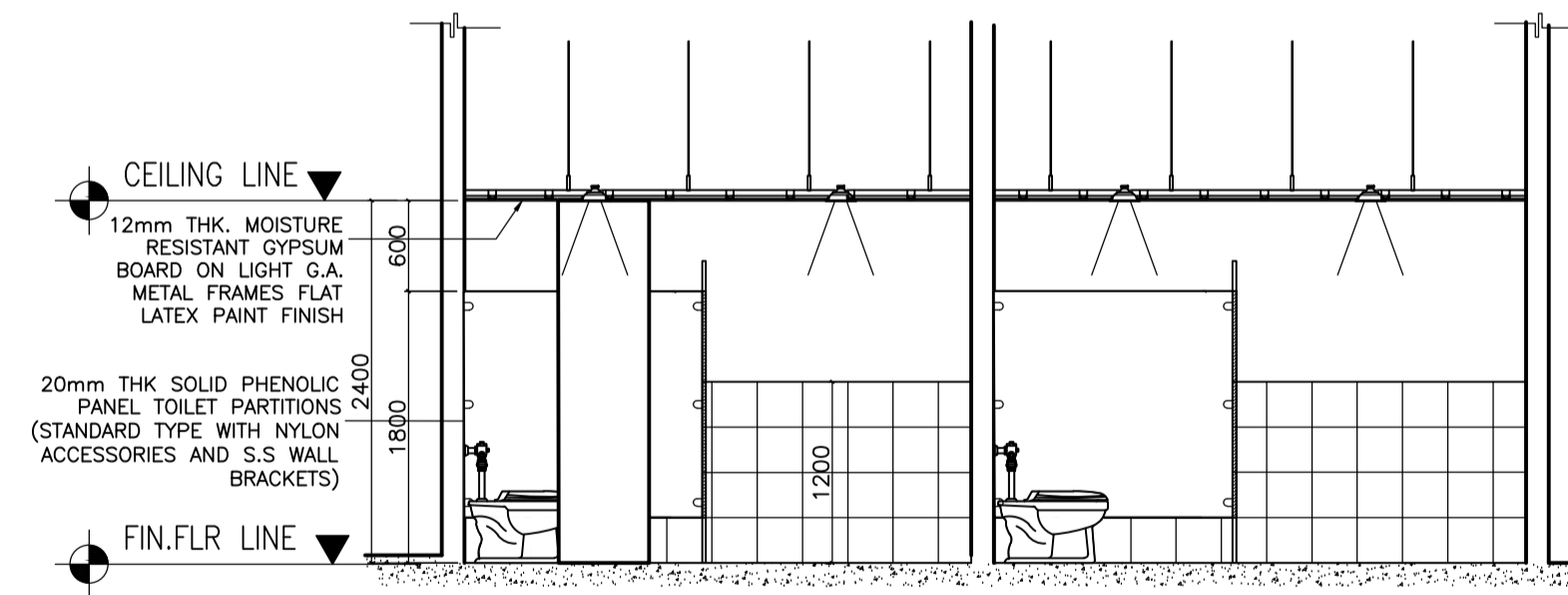
L ACADEMIC BUILDING II - FACULTY ROOM
SECTION THRU - B
A-31 SCALE: 1:50m



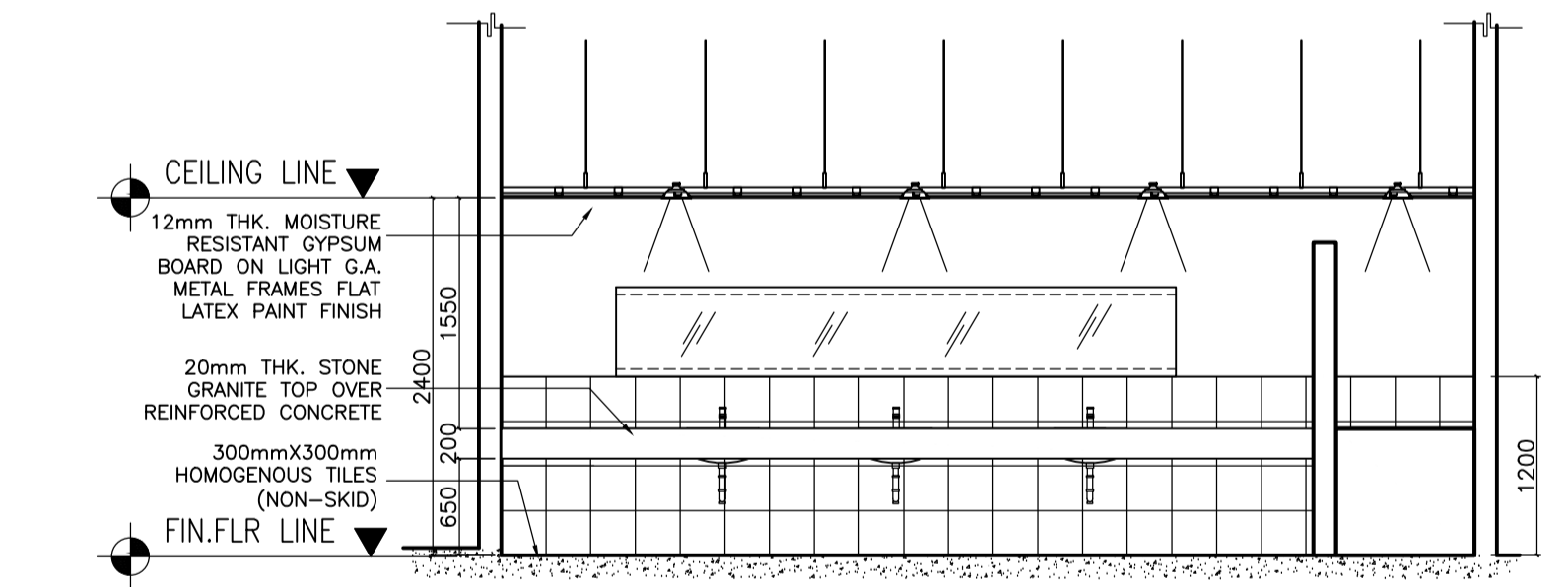
A ACADEMIC BUILDING II - MALE/FEMALE TOILET W/ SHOWER
TOILET BLOW-UP PLAN
 A-32 SCALE: 1:50m



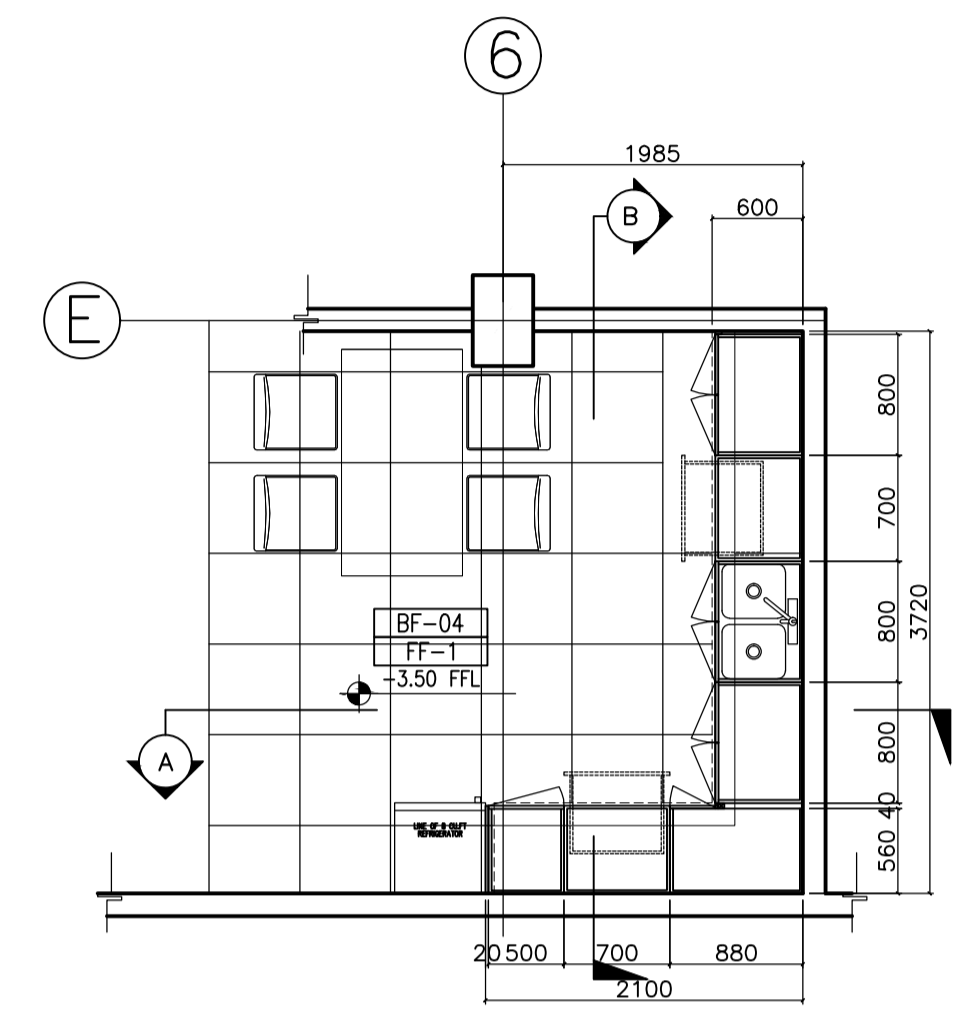
B ACADEMIC BUILDING II - MALE/FEMALE TOILET W/ SHOWER
REFLECTED CEILING PLAN
 A-32 SCALE: 1:50m



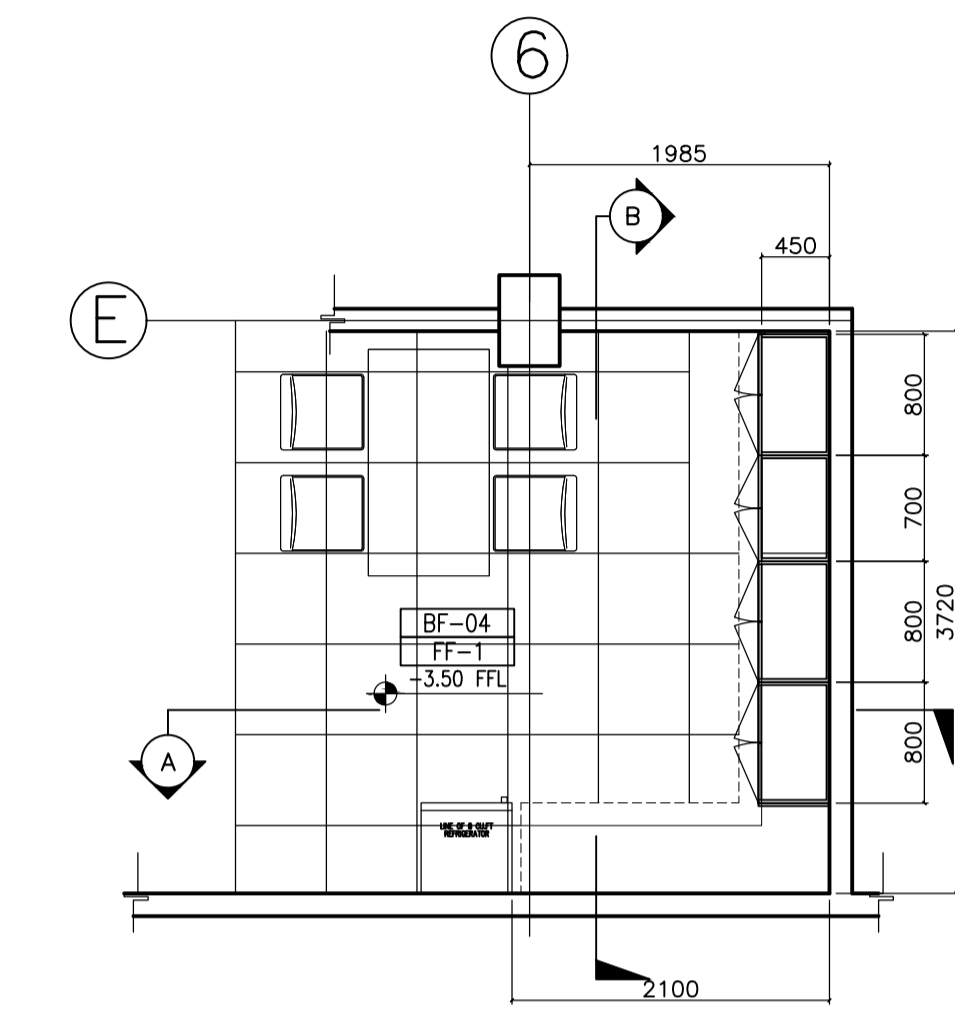
C ACADEMIC BUILDING II - MALE/FEMALE TOILET W/ SHOWER
SECTION THRU - A
 A-32 SCALE: 1:50m



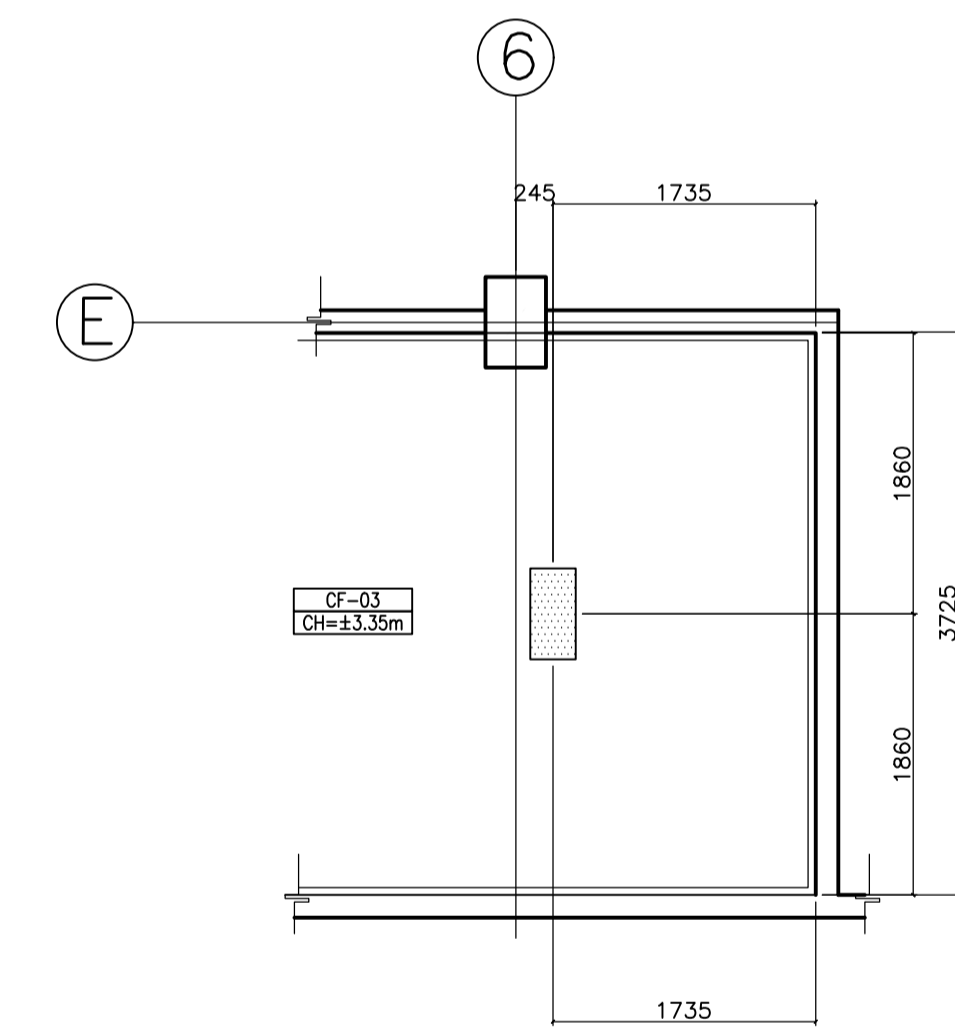
D ACADEMIC BUILDING II - MALE/FEMALE TOILET W/ SHOWER
SECTION THRU - B
 A-32 SCALE: 1:50m



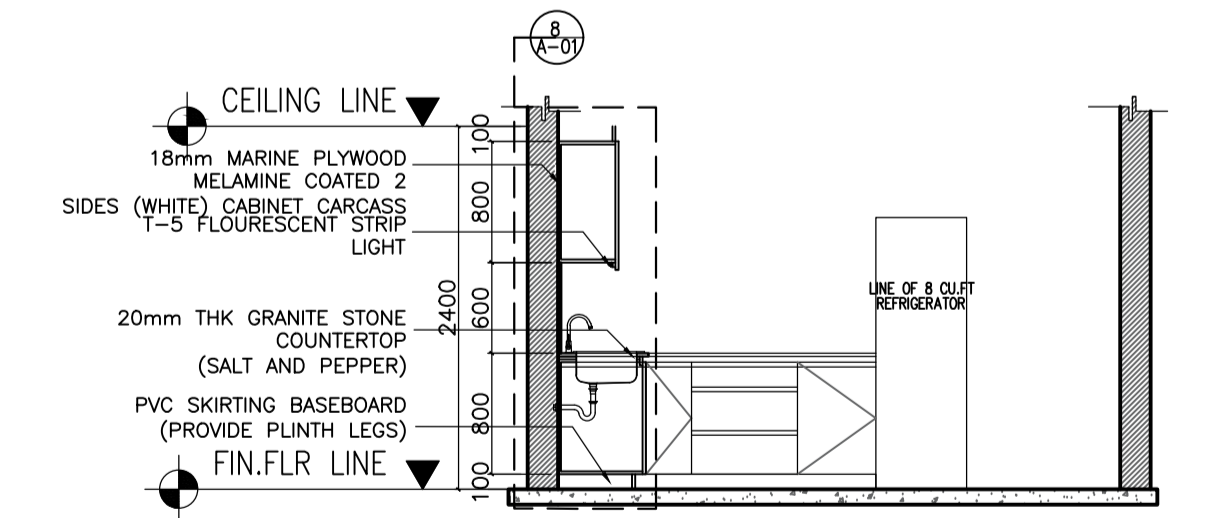
E ACADEMIC BUILDING II - PANTRY
PANTRY BLOW-UP PLAN
 A-32 SCALE: 1:50m



F ACADEMIC BUILDING II - PANTRY
SECTION THRU - A
 A-32 SCALE: 1:50m



E ACADEMIC BUILDING II - PANTRY
REFLECTED CEILING PLAN
 A-32 SCALE: 1:50m



G ACADEMIC BUILDING II - PANTRY
SECTION THRU - A
 A-32 SCALE: 1:50m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT
 PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

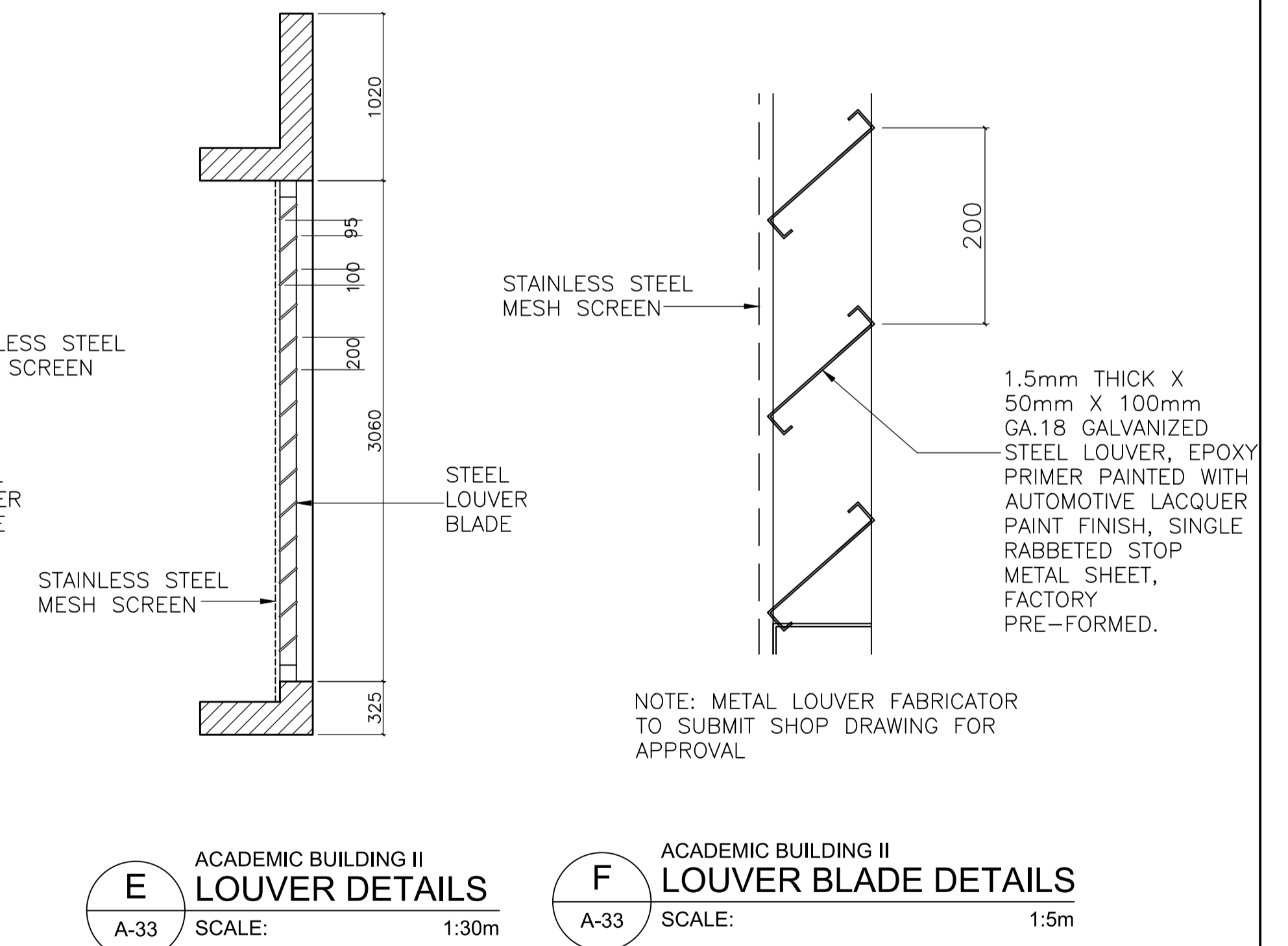
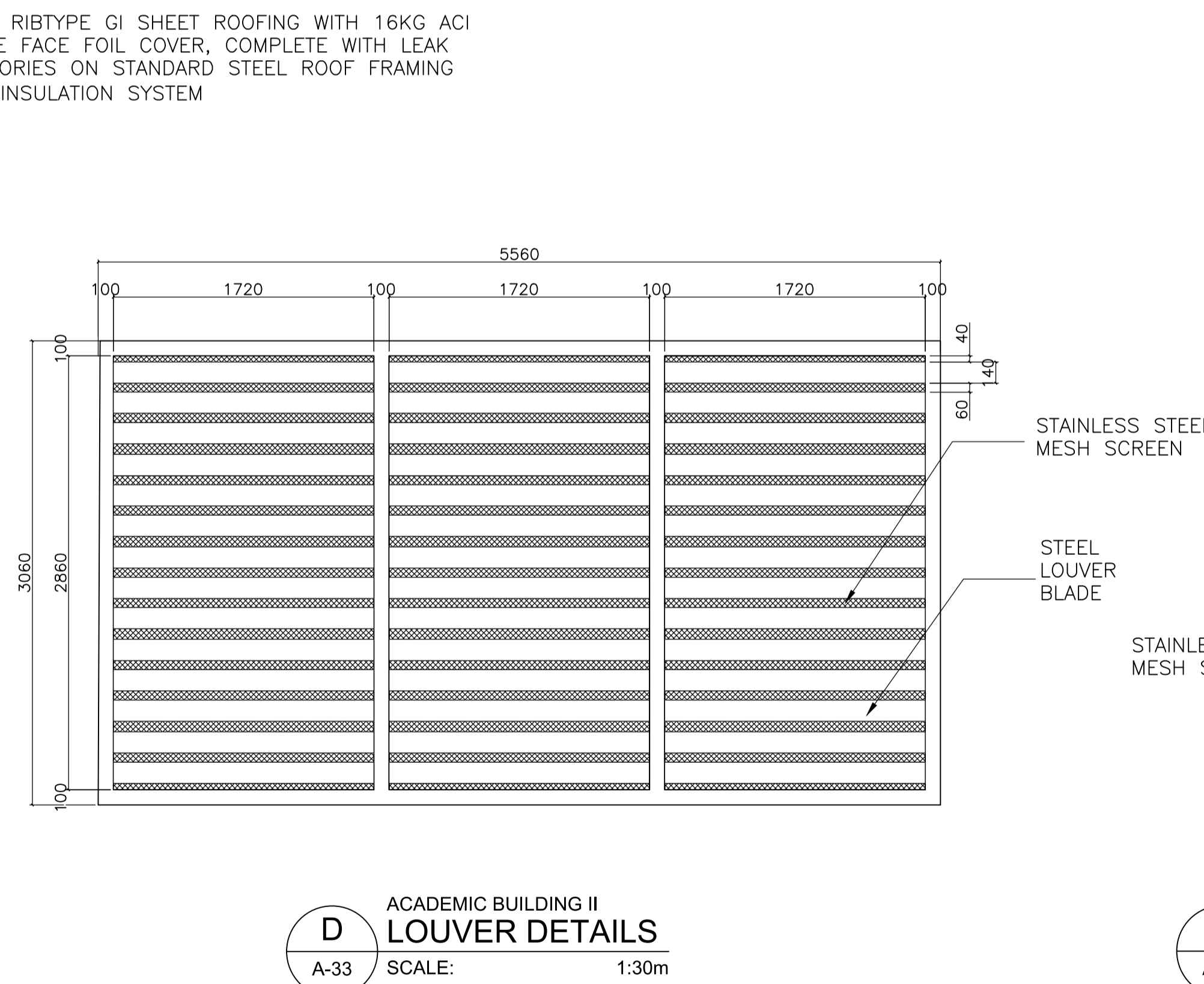
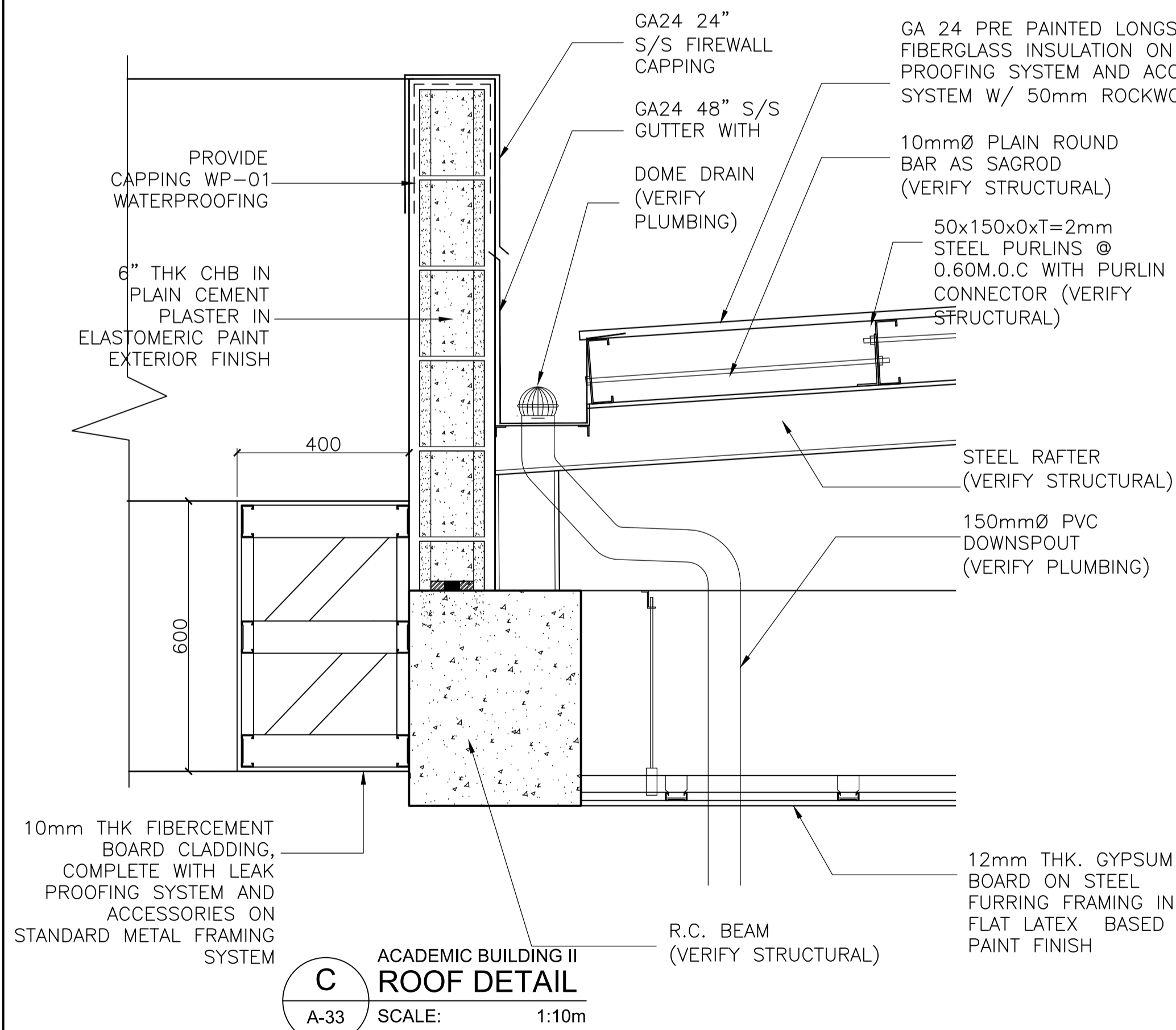
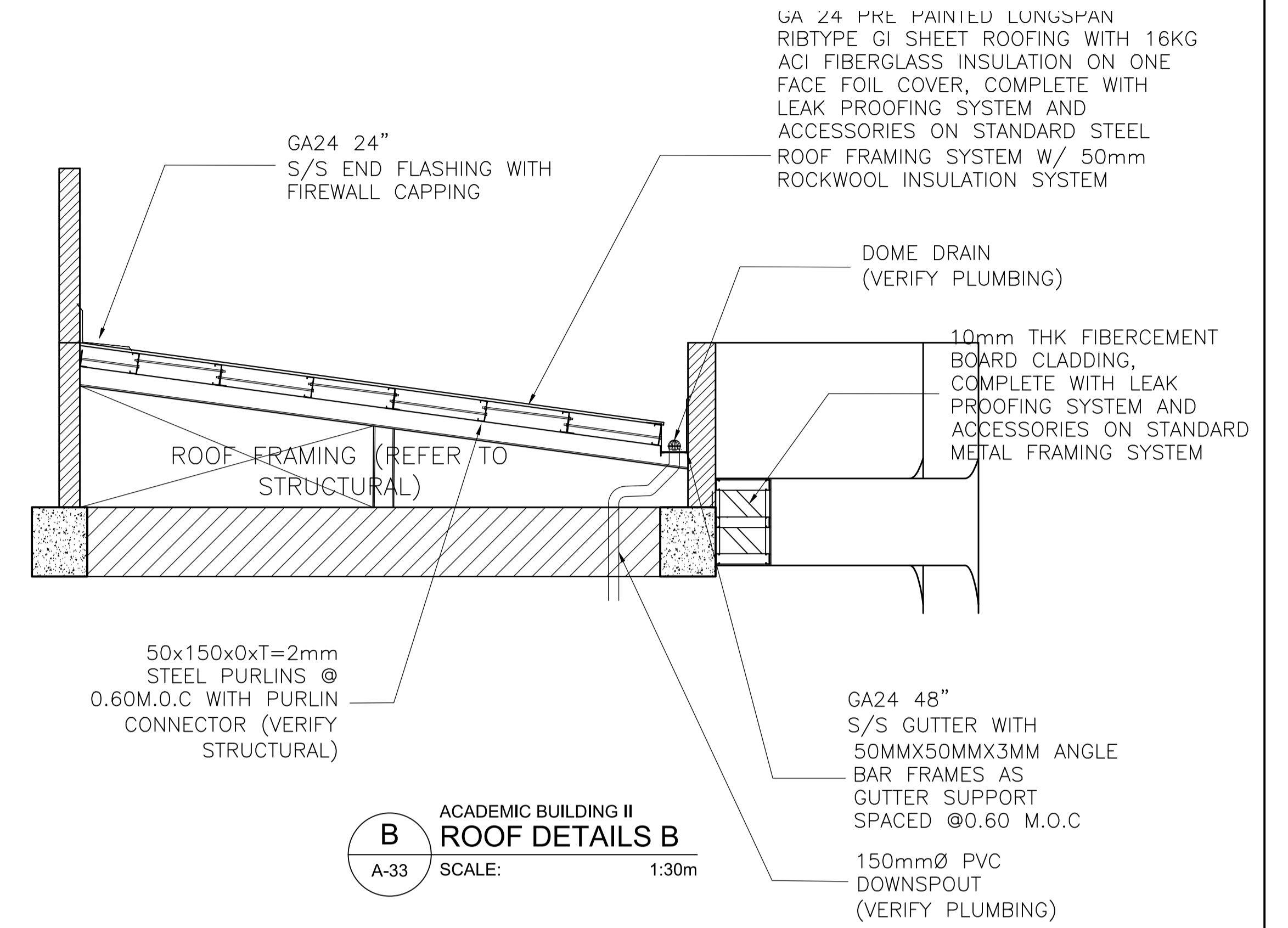
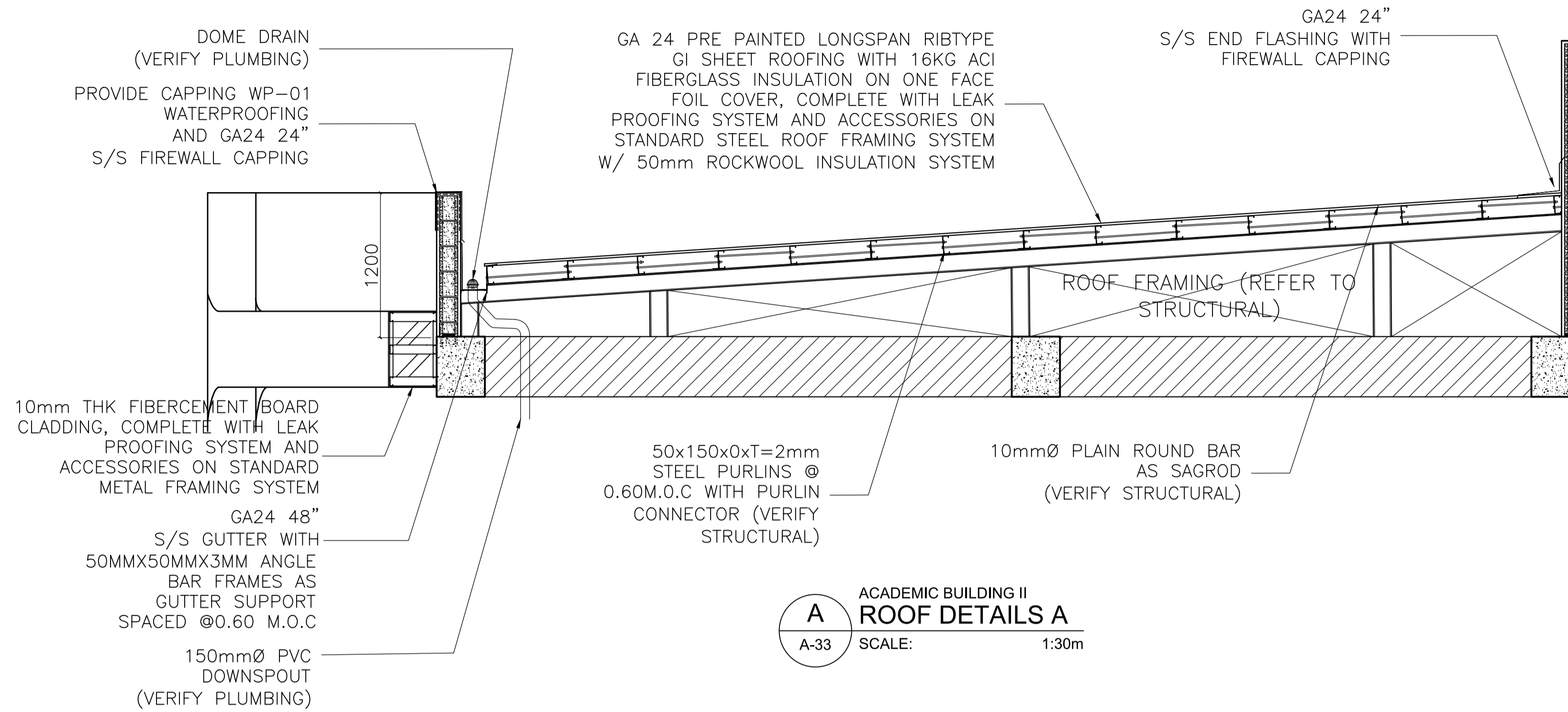
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 MALE AND FEMALE W/ SHOWER TOILET DETAILS
 PLANS AND SECTION
 PANTRY DETAIL

SHEET NO:
A
 32 37

NOTE: ROOFING CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL



ENRIQUE O. OLANON & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLANON & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORON HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 9024
FAX NOS: 927 0608;
426 7214

ARCHITECT:
HENRY STEVE R. OLANON
ARCHITECT

PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

DESIGNED FOR:
**REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS**

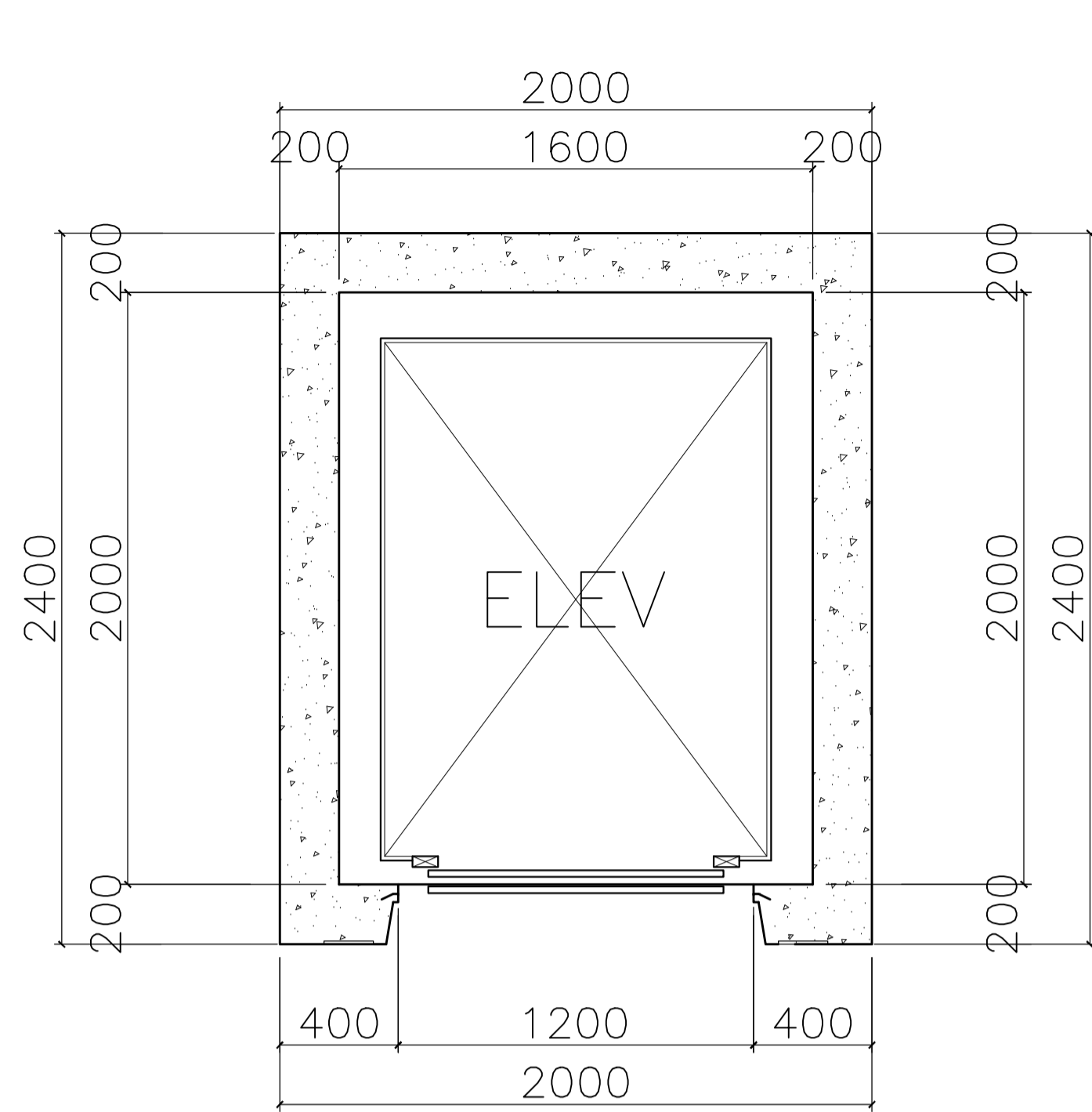
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

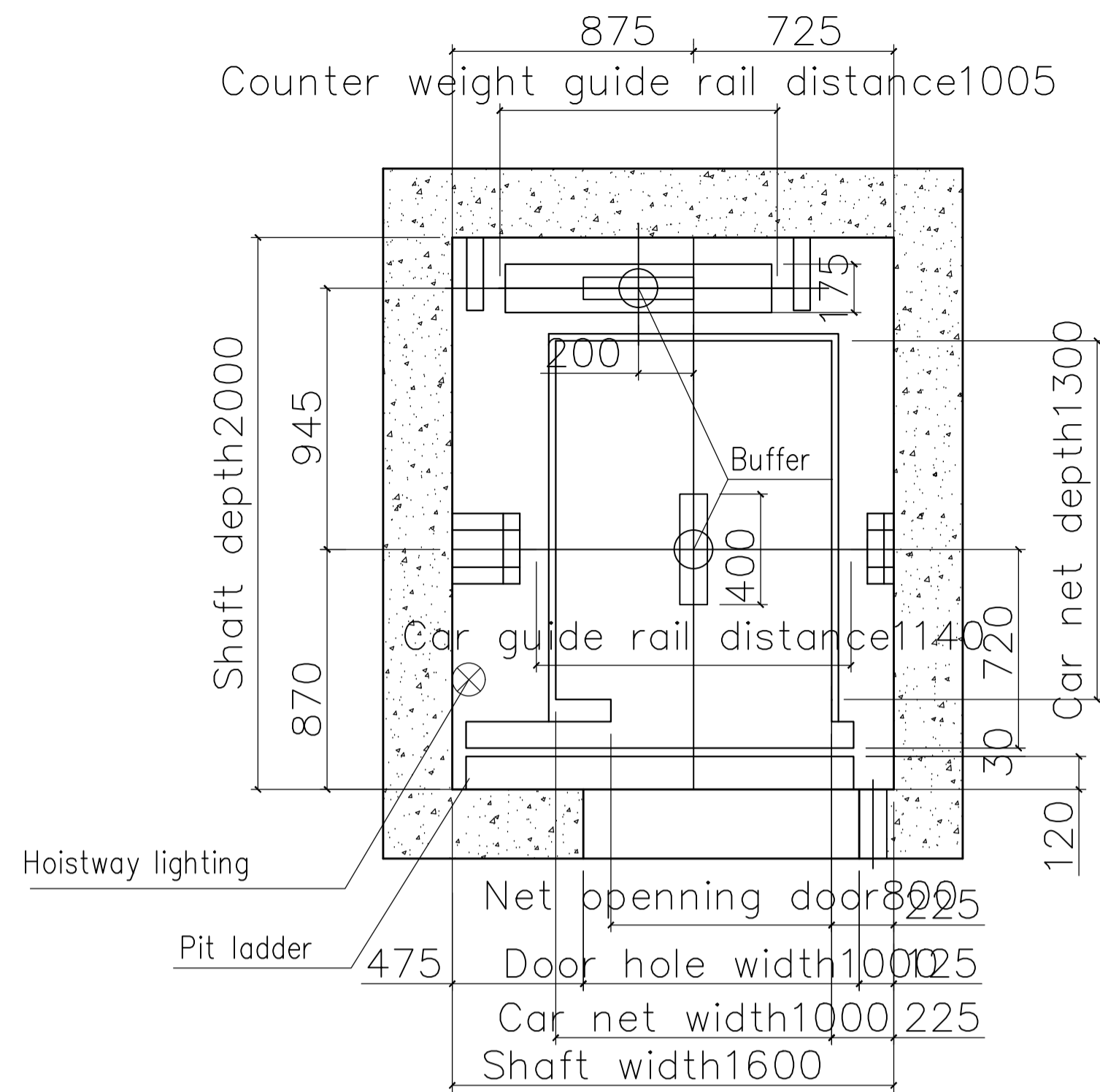
SHEET CONTENTS:
ROOF DETAILS
LOUVER DETAILS

SHEET NO:
A
33 37

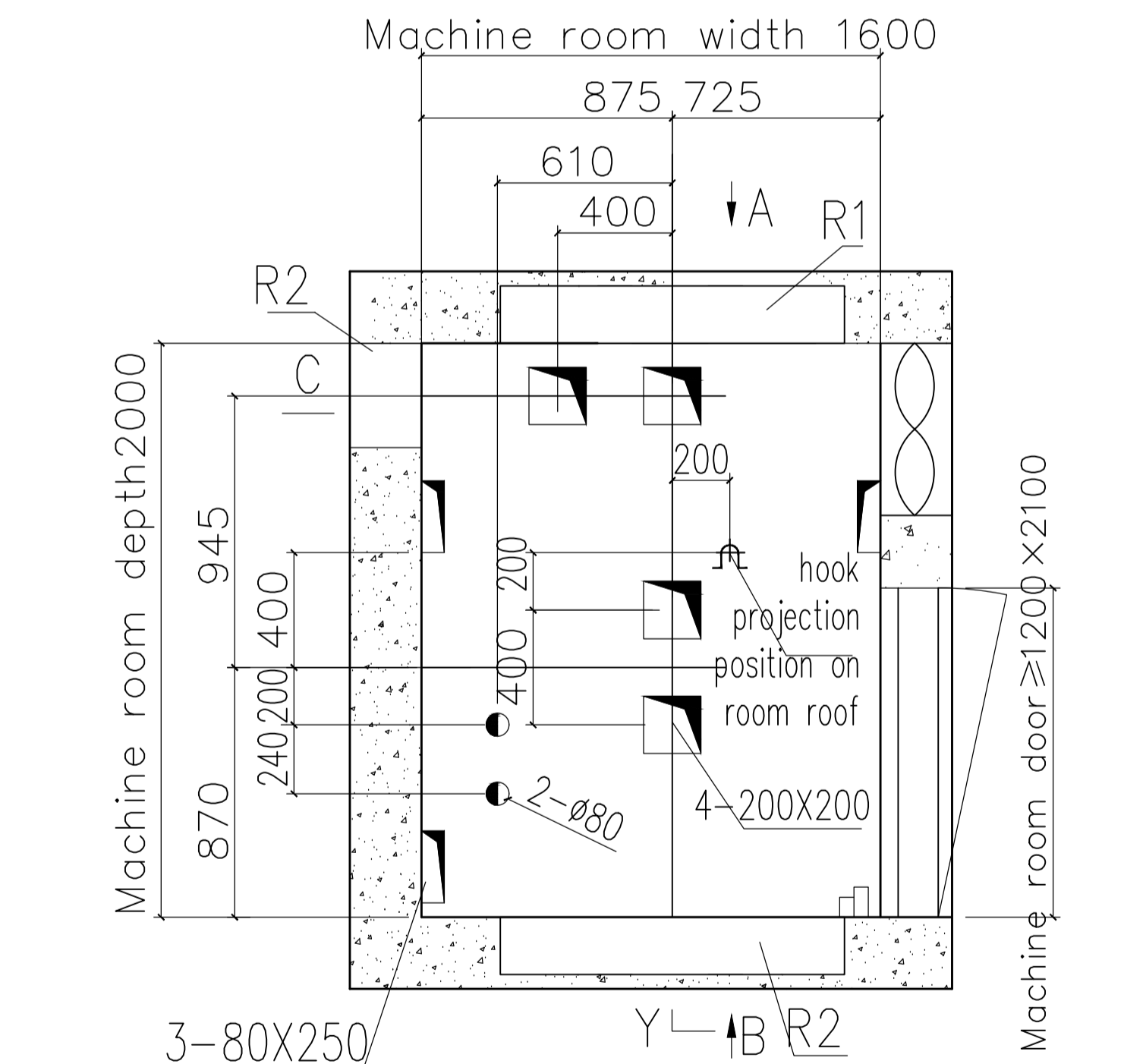
LOCATION: Brgy. Rizal, Odiangan, Romblon



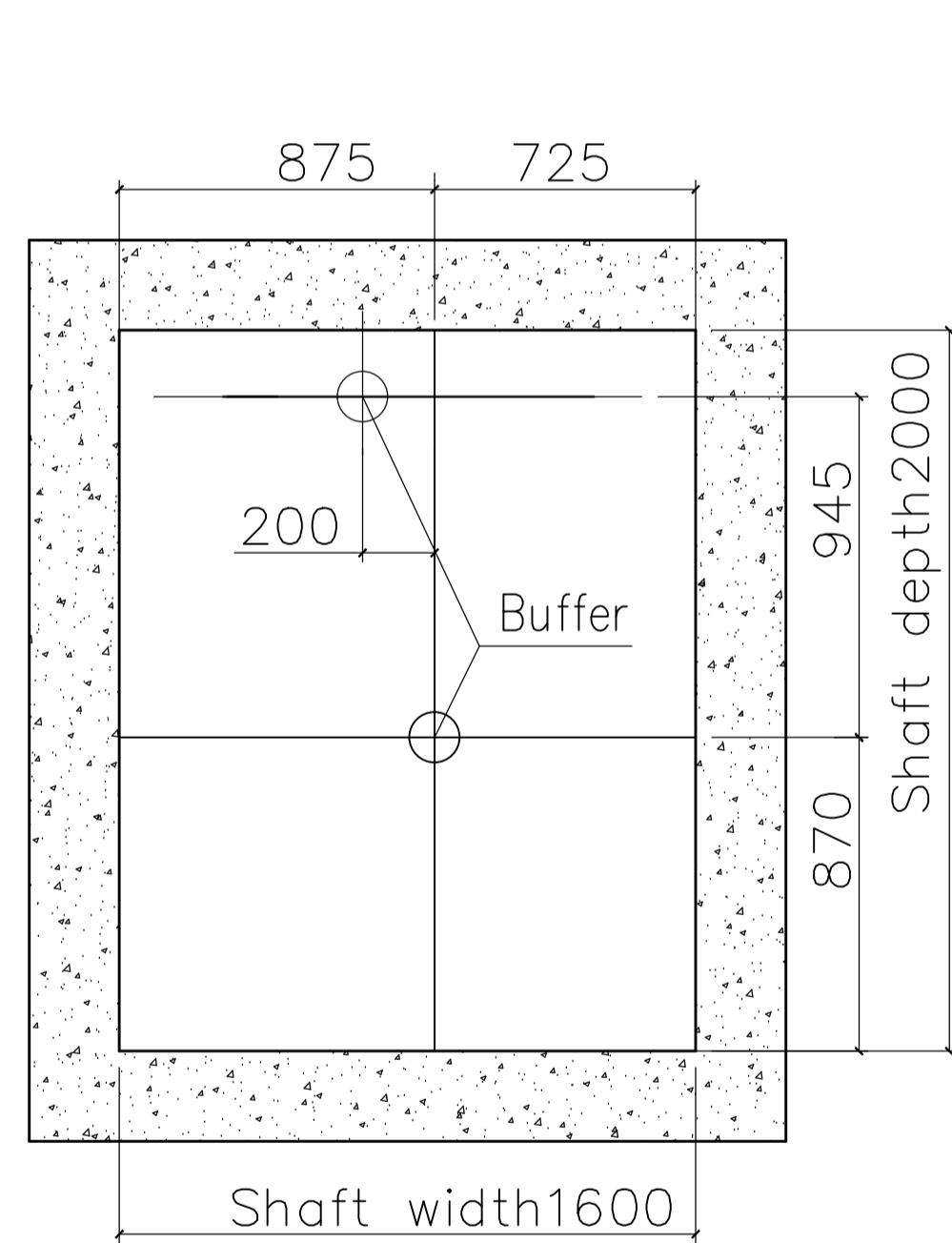
A ACADEMIC BUILDING II
BLOW-UP PLAN
A-34 SCALE: 1:20m



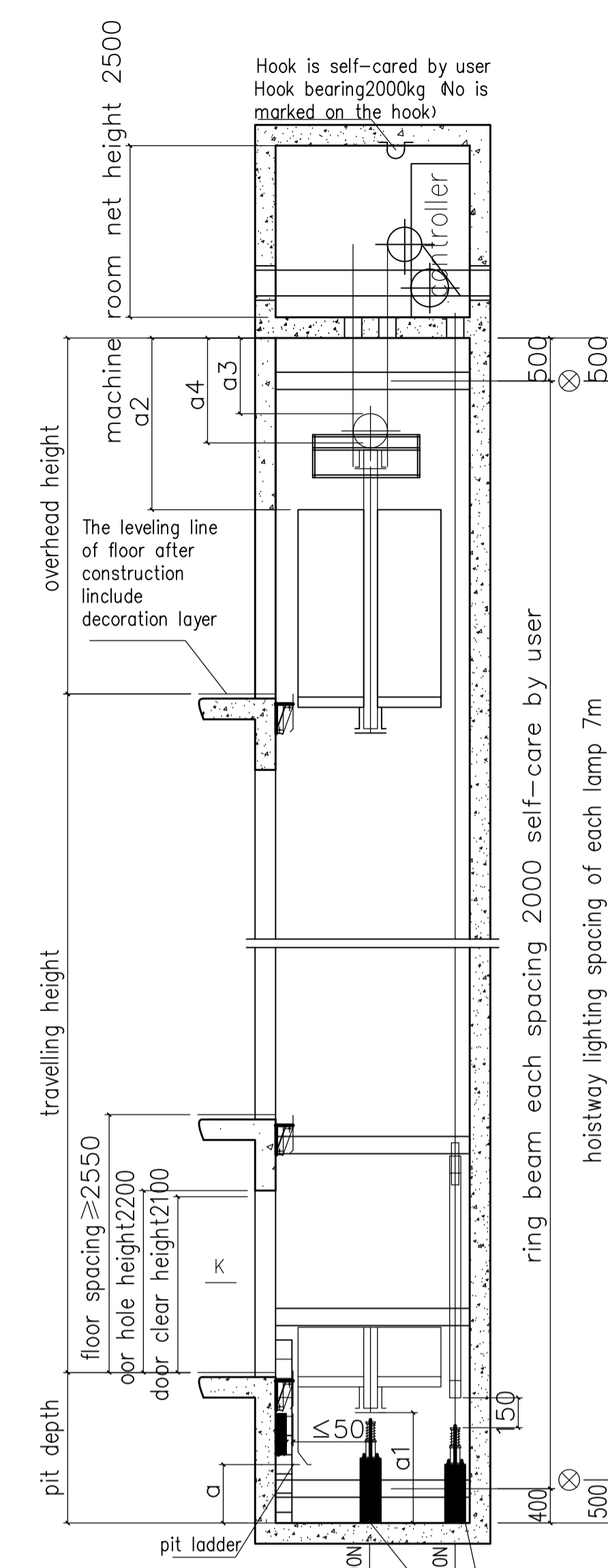
B ACADEMIC BUILDING II
HOISTWAY LAYOUT
A-34 SCALE: 1:20m



C ACADEMIC BUILDING II
TOP FLOOR RESERVED HOLE HOOK LAYOUT
A-34 SCALE: 1:20m

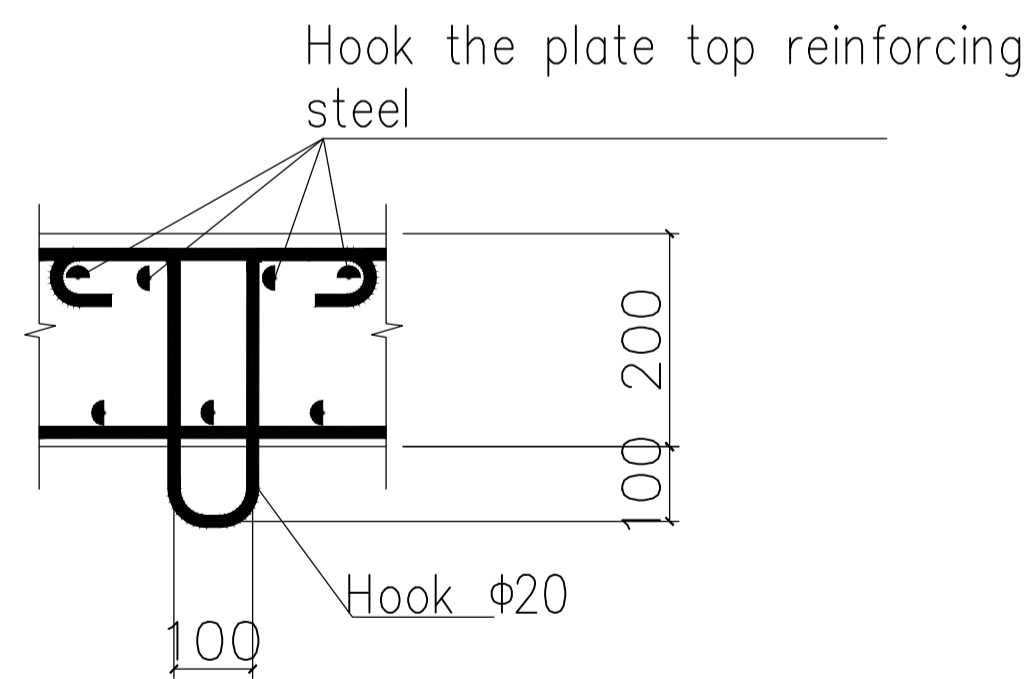


D ACADEMIC BUILDING II
BUFFER LAYOUT
A-34 SCALE: 1:20m

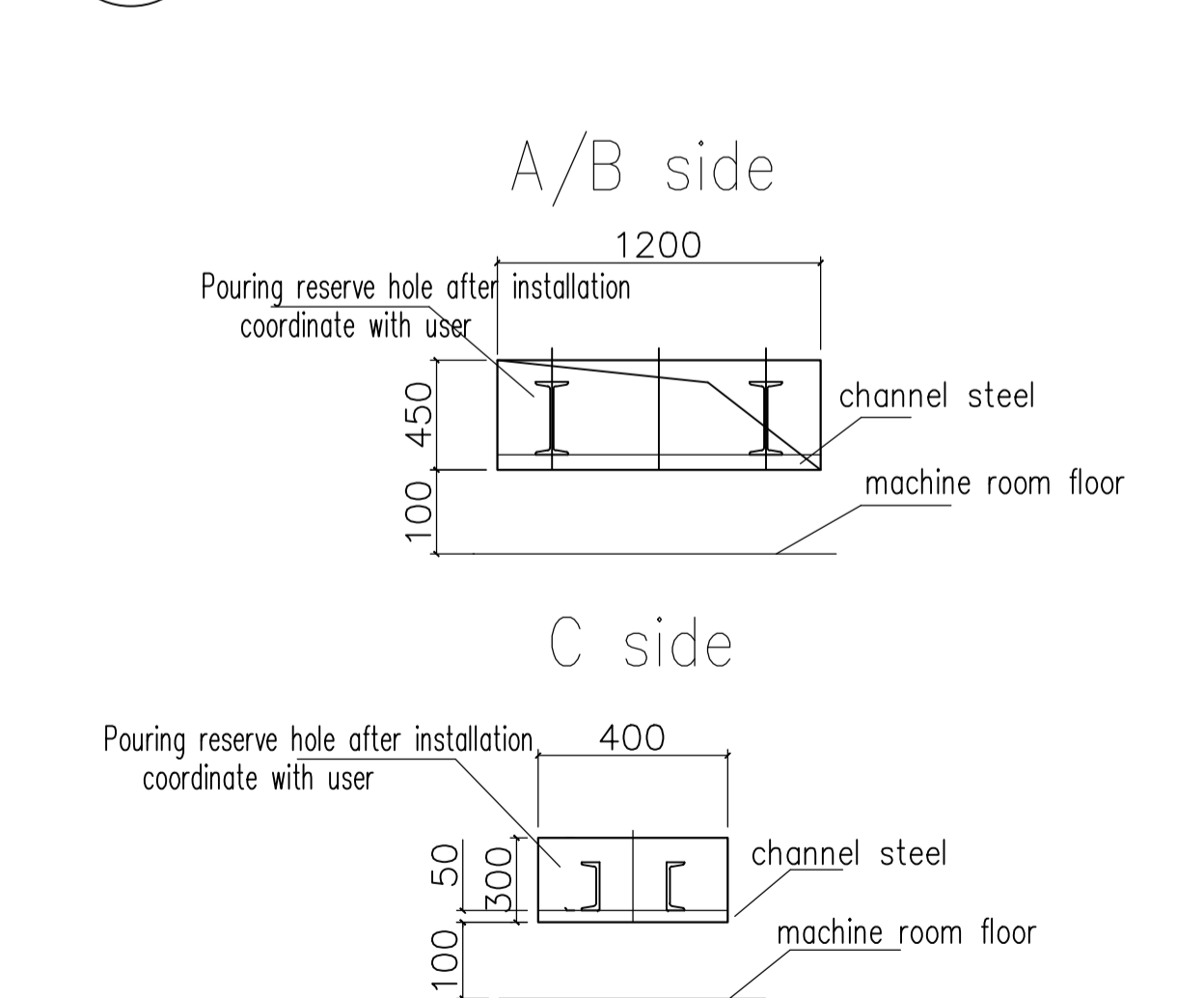


E ACADEMIC BUILDING II
HOISTWAY ELEVATIONAL DRAWING (Y-Y)
A-34 SCALE: 1:30m

F ACADEMIC BUILDING II
HOISTWAY BRACKET BEAM LAYOUT
A-34 SCALE: 1:30m



Hook by user. The strength ensure by the construction side. The construction side should according to the local requirements ensure the hook performance



ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
ARCHITECT
PRC No. 17726 Validity: 04/27/2024
PTR No. 0732073 Date: 01/11/2021
Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:
REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
ELEVATOR DETAILS

SHEET NO:
A
34 37

PROPOSED ACADEMIC BUILDING II							
Brgy. Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
			WALL				
BASEMENT FLOOR							
BF-01	Basement Lobby	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-02	Faculty Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-03	Discussion Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-04	Pantry	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-05	Lounge Area	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-06	Fire Exit 1	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
BF-07	Sleeping Room (Male)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-08	Sleeping Room (Female)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-09	Fitness Room	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-10	Gender & Development (GAD)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
BF-11	Toilet (Male)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
BF-12	Toilet (Female)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
BF-13	Main Stairs	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
GROUND FLOOR							
GF-01	Entrance Lobby	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-02	12mm THK GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX BASED PAINT FINISH
GF-02	Faculty Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH

PROPOSED ACADEMIC BUILDING II							
Brgy. Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
			WALL				
GF-03	Discussion Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-04	Female Toilet (Faculty Room)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-05	Male Toilet (Faculty Room)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-06	Storage	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-07	Fire Exit 1	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
GF-08	Library	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-09	Male Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-10	PWD Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-11	Female Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-12	EE Room / Utility Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-13	Records Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-14	Stockroom Supplies	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-15	Reproduction Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-16	Fire Exit 2	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
GF-17	Student Discipline Head	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH

PROPOSED ACADEMIC BUILDING II							
Brgy. Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
			WALL				
GF-18	Toilet (SD Head)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-19	Counseling Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-20	Office of the Student Discipline	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-21	Student Service Division (SSD)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-22	Sleeping Room (SSD)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-23	Toilet (SSD)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-24	Toilet (CID)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
GF-25	SSD Head Office	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-26	CID Head Office	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-27	Sleeping room (CID)	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-28	Curriculum & Instruction Division	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-29	Conference Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-30	Mechanical Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
GF-31	EE Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS


ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT

PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

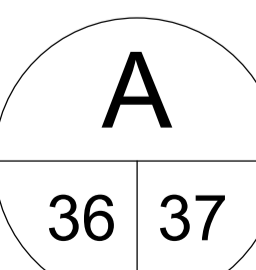
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 ELEVATOR DETAILS

SHEET NO:


PROPOSED ACADEMIC BUILDING II							
Brgy.Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
SECOND FLOOR							
2F-01	Hallway	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-01	12mm THK GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX BASED PAINT FINISH
2F-02	Faculty Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-03	Discussion Room	FF-01	600mm x 600mm x 10mm THK POLISHED HOMOGENOUS TILES	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-04	Female Toilet (Faculty Room)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
2F-05	Male Toilet (Faculty Room)	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
2F-06	Classroom 1	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-07	Fire Exit 1	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
2F-08	Classroom 2	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-09	Male Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
2F-10	PWD Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
2F-11	Female Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
2F-12	Classroom 3	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-13	Classroom 4	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-14	Classroom 5	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-15	Fire Exit 2	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH

PROPOSED ACADEMIC BUILDING II							
Brgy.Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
THIRD FLOOR							
2F-16	Classroom 6	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-17	Mechanical Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
2F-18	EE Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-01	Hallway	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-01	12mm THK GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX BASED PAINT FINISH
3F-02	Technology & Innovation	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-03	Design & Engineering	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-04	Classroom 7	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-05	Fire Exit 1	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
3F-06	Classroom 8	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-07	Male Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
3F-08	PWD Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
3F-09	Female Toilet	FF-02	300mmX300mm HOMOGENOUS TILES (NON-SKID)	WF-03	300mmX300mm HOMOGENOUS TILES (NON-SKID)	CF-02	12mm THK SAG-RESISTANT GYPSUM BOARD ON STEEL FURRING FRAMING IN FLAT LATEX PAINT FINISH
3F-10	Classroom 12	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-11	Fire Exit 2	FF-03	50mm THK SMOOTH FINISH CONCRETE TOPPING WITH FLEXIBLE EPOXY PAINT FINISH	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
3F-12	Classroom 11	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-13	Classroom 10	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH


PROPOSED ACADEMIC BUILDING II							
Brgy.Rizal, Odiangan, Romblon							
SCHEDULE OF FINISHES							
05/26/2021							
ROOM TAG	AREA	FLOOR	FINISHES		CEILING		
ROOF DECK							
3F-14	Classroom 9	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-15	Mechanical Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
3F-16	EE Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
RD-01	Mechanical Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
RD-02	EE Room	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-01	PLAIN CEMENT PLASTER WALL IN SEMI-GLOSS LATEX PAINT FINISH	CF-03	SLAB SOFFIT IN LATEX PAINT FINISH
RD-03	Main Stairs	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	WF-02	PLAIN CEMENT PLASTER IN ELASTOMERIC PAINT EXTERIOR FINISH	CF-04	STAIR SOFFIT IN LATEX PAINT FINISH
RD-04	DECK	FF-04	50mm THK SMOOTH FINISH CONCRETE TOPPING	N/A	N/A	N/A	N/A

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ARCHITECT:
HENRY STEVE R. OLONAN
 ARCHITECT
 PRC No. 17726 Validity: 04/27/2024
 PTR No. 0732073 Date: 01/11/2021
 Place: QUEZON CITY TIN: 106186110

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

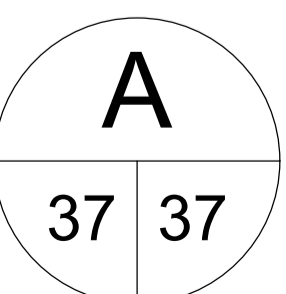
PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 ELEVATOR DETAILS

SHEET NO:


STRUCTURAL NOTES

- ALL STRUCTURAL MILL SECTIONS, BUILT UP PLATE SECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC'S LATEST "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- DESIGN LOADS FOR BUILDINGS SHALL MEET THE REQUIRED STRUCTURAL DESIGN CRITERIA.
- STEEL PLATES, SHAPES, BARS AND METAL FABRICATIONS: ASTM A-36.
- STRUCTURAL BOLTS AND NUTS:
ASTM A-325, GALVANIZED. 7/8 ϕ AND BELOW.
A-490 1" ϕ AND ABOVE.
- ELECTRODES FOR WELDING: ASTM A233 E-70XX SERIES; COMPLY WITH AWS D1.1 CODE REQUIREMENTS.
- FLAME CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH LATEST "STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY.
- ALL BUTT WELDS SHALL BE FULL PENETRATION WELDS AND SHALL BE PROPERLY BACK-CHIPPED OR GOUGED. BACK-UP PLATES SHALL BE PROVIDED AS REQUIRED.
- APPLY TT-P-645 SHOP PAINT FOR ALL FABRICATIONS.
- SHOP PAINTING FOR STRUCTURAL STEEL SHALL BE RUST INHIBITIVE PRIMER WITH MINIMUM D.F.T. OF 2.0 MILS.
- TOUCH-UP PAINTING: APPLY PAINT TO EXPOSED AREAS IN MANNER SATISFACTORY TO THE ENGINEER WITH SAME MATERIAL AS SHOP PAINT.
- COMPLY WITH AISC CODE AND SPECIFICATIONS FOR BEARING, ADEQUACY OF TEMPORARY CONNECTIONS AND ALIGNMENT.
- CONTRACTOR SHALL FURNISH COMPLETE ERECTION DRAWINGS FOR THE PROPER IDENTIFICATION AND ASSEMBLY OF ALL BUILDING COMPONENTS. THESE DRAWINGS WILL SHOW ANCHOR BOLT SETTING, PRIMARY SECONDARY, AND ROOF FRAMING, AND NECESSARY INSTALLATION DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE FABRICATION.
- APPLICATION OF FIRE PROOFING SYSTEM IS REQUIRED FOR ALL STRUCTURAL STEEL MEMBERS. PROVIDE 2 HOUR MINIMUM FIRE RATING. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR ADDITIONAL FIRE PROOFING REQUIREMENTS.

STRUCTURAL STEEL NOTES 1

SCHEDULE OF REINFORCING BARS

DIAMETER OF BARS	GRADE (fy)	ASTM
ϕ 10 AND SMALLER	GRADE 40 (40,000psi)	A615/A615M (DEFORMED)
ϕ 12 AND LARGER	GRADE 60 (60,000psi)	A615/A615M (DEFORMED)

- BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- ALL GRADE 60 REINFORCING STEEL SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM GRADE 40 REINF. STEEL IF CONCURRENTLY ON SITE.
- IN GENERAL, BAR SPLICES SHALL BE MADE AT POINTS OF MINIMUM STRESS. SPLICES SHALL BE SECURELY WIRED TOGETHER. STAGGER SPLICES AT LEAST 600mm WHENEVER POSSIBLE IN BEAM BEAMS AND SLABS SPLICE TOP BARS AT MIDSPAN AND BOTTOM BAR NEAR SUPPORT. SPLICE OF REINFORCEMENT SHALL BE MADE ONLY AS REQUIRED OR PERMITTED ON DESIGN DRAWINGS OR AS ALLOWED BY THE ACI CODE OR AS AUTHORIZED BY THE ENGINEER.
- BARS NOTED AS "CONT." SHALL HAVE A MINIMUM SPLICE LENGTH OF 42 BAR DIA. BUT BAR DIAMETERS BUT NOT LESS THAN 600 mm", UNLESS OTHERWISE NOTED.
- REINFORCING SHALL BE SPLICED ONLY AS INDICATED ON THE DRAWINGS.
- MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE :

ITEM	COVER
CONCRETE CAST AGAINST EARTH EXPOSED TO EXTERIOR OF WEATHER	75 mm
FORMED SURFACE BELOW GRADE	38 mm
SLAB ON GRADE	50 mm
COLUMNS & BEAMS	50 mm
STRUCTURAL SLABS TOP & BOT.(INTERIOR)	38 mm

- ANY WELDING TO BE PERFORMED MUST HAVE PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- WELDING OF REINFORCING STEEL IS NOT PERMITTED UNLESS OTHERWISE SHOWN ON THE DRAWINGS. WELDING OF REINFORCING STEEL SHALL CONFORM TO AWS D1.4-79 "AWS STRUCTURAL WELDING CODE - REINFORCING STEEL" OF THE AMERICAN WELDING SOCIETY REINFORCING STEEL WHICH IS WELDED SHALL CONFORM TO ASTM A 706. REINFORCING STEEL NOT CONFORMING TO ASTM A 706 MAY BE USED IF MATERIAL PROPERTIES OF THE REINFORCING STEEL CONFORM TO AWS D1.4-79.
- WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A-185. WELDE WIRE FABRIC IN SUSPENDED SLABS SHALL HAVE FY = 60 KSI. LAP 152 MM. MINIMUM OR ONE FULL MESS, WHICHEVER IS GREATER FOR SLABS ON GRADE.
- SHOP DRAWINGS : THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL PREPARED IN ACCORDANCE WITH ACI 315. INDICATE BENDING DIAGRAM, ASSEMBLY DIAGRAM, SPLICING AND LAPS OF RODS AND SHAPES DIMENSIONS AND DETAILS FOR FOR REINFORCING BARS.
- ANCHOR BOLTS, DOWELS AND OTHER EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.

REINFORCING STEEL

- FORMS SHALL BE PROVIDED FOR ALL CONCRETE INDICATED UNLESS SPECIFIED OTHERWISE. FORMS SHALL BE SET TRUE TO LINE AND GRADE AND MAINTAINED SO AS TO INSURE COMPLETED WORK WITHIN THE ALLOWABLE TOLERANCES SPECIFIED AND SHALL BE MORTAR TIGHT.
- FORMS AND THEIR SUPPORTS SHALL BE DESIGNED SO AS NOT TO DAMAGE PREVIOUSLY PLACED STRUCTURE.
- NO CONSTRUCTION LOAD SHALL BE SUPPORTED ON, NOR ANY SHORING REMOVED FROM ANY PART OF STRUCTURE UNDER CONSTRUCTION EXCEPT WHEN THAT PORTION OF THE STRUCTURE IN COMBINATION WITH THE REMAINING FORMING AND SHORING SYSTEM HAS STRENGTH TO SUPPORT SAFELY ITS WEIGHT AND THE ADDITIONAL IMPOSED LOADS.
- FORMS SHALL BE REMOVED IN SUCH MANNER AS NOT TO IMPAIR SAFETY AND SERVICE ABILITY OF THE STRUCTURE.

SCHEDULE OF STRIPPING OF FORMS AND SHORES

ITEMS	TIME
FOUNDATION	24 HRS
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	14 DAYS
COLUMN / WALLS	12 DAYS
BEAMS	14 DAYS

FORMWORKS

SCHEDULE OF STRUCTURAL CONCRETE 28-DAY COMPRESSIVE STRENGTH AND TYPES

LOCATION	STRUCTURAL ELEMENTS	28-DAY COMPRESSIVE STRENGTH	DENSITY	MAX SLUMP
ALL FLOORS	COLUMNS BEAMS SLABS SHEAR WALL	4000 psi (UNLESS NOTED OTHERWISE)	150 PCF	4"(100mm)
FOUNDATION	FOOTING	4000	150 PCF	4"(100mm)
GROUND	SLAB ON GRADE	3000 psi	150 PCF	4"(100mm)

- INFORM ARCHITECT/ENGINEERS OF OTHER MISCELLANEOUS CONCRETE STRUCTURAL ELEMENTS NOT SHOWN ABOVE TO DETERMINE THEIR RESPECTIVE COMPRESSIVE STRENGTHS.

SCHEDULE OF CONCRETE AGGREGATES

ITEMS	AGGREGATE SIZE
SLABS, BEAMS, COLUMNS	3/4" (19 mm)
CURBS & MASS CONCRETE	1" (25 mm)

- ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION CODE OF THE AMERICAN CONCRETE INSTITUTE (ACI 318 -91).

LOCATION OF ALL CONSTRUCTION OR COLD JOINTS MUST BE APPROVED BY THE ENGINEER / ARCHITECT.

PIPE OR DUCTS EXCEEDING ONE THIRD THE SLAB OR WALL THICKNESS SHALL NOT BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES BUT SHALL NOT BE EMBEDDED THEREIN.

REINFORCING BARS, ANCHOR BOLTS, AND OTHER INSERTS SHALL BE SECURED IN PLACED BEFORE POURING CONCRETE. BAR PLACEMENT AND SUPPORTS SHALL BE IN ACCORDANCE WITH THE RECOMMENDED ACI PRACTICE.

- ALL INSERTS. ANCHOR BOLTS, PLATES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE HOT DIP GALVANIZED UNLESS NOTED OTHERWISE.

- IN GENERAL, THE LATEST EDITION OF (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) ACI 315, SHALL BE ADHERED TO, UNLESS SHOWN OTHERWISE.

- USE OF ADMIXTURES IS PERMITTED TO PRODUCE PROPER SLUMP AND WORKABILITY BUT SUBJECT TO THE ENGINEER'S APPROVAL ADDITION OF WATER TO CONCRETE AT JOBSITE IS NOT ALLOWED.

REINFORCED CONC. NOTES

- GENERAL NOTES AND TYPICAL STRUCTURAL DETAILS SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED.
- FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT FOR SIMILAR CONDITIONS. MODIFY TYPICAL DETAILS AS REQUIRED TO MEET SPECIAL CONDITIONS.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK OR DURING CONSTRUCTION.

- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTIONS.

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST APPLICABLE STANDARDS OR SPECIFICATIONS. ALL WORKS SHALL CONFORM WITH THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES.

- INSPECTION-ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER/ARCHITECT. THE ENGINEER/ARCHITECT SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.

- UNLESS SPECIFICALLY DETAILED ELSEWHERE CONTRACTOR SHALL FOLLOW TYPICAL DETAILS AS SHOWN IN THESE DRAWINGS.

- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.

- DO NOT SCALE DRAWINGS, CALLED-OUT DIMENSIONS AND STANDARD CODE REQUIREMENTS SHALL GOVERN OVER UNSCALED DRAWINGS.

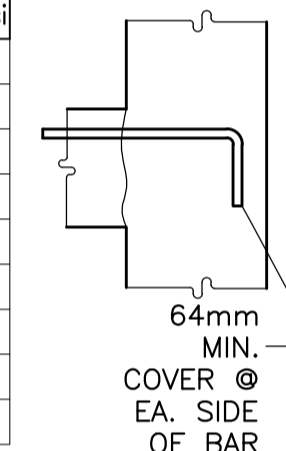
- SPECIAL NOTE: DIMENSIONS INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. ARCHITECTURAL DRAWINGS SHALL BE USED TO DEFINE DETAIL CONFIGURATIONS, ELEVATIONS, OPENINGS, JOINTS, SLOPES, ETC.

- THE CONTRACTOR IS GIVEN THE OPTION TO UTILIZE ALTERNATIVE METHODS OF DESIGN AND ALTERNATIVE METHOD OF CONSTRUCTION AS DEEMED SUITABLE PROVIDE THAT SUCH OPTION IS IN CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND IS COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.

GENERAL NOTES

HOOK BAR DEVELOPMENT LENGTH (L_{dh}) SCHEDULE (INCHES)

BAR SIZE	ALL MEMBERS U.N.O.						CONCRETE WALLS AND DIAPHRAGMS					
	F _c ' = 3000psi	F _c ' = 4000psi	F _c ' = 5000psi	F _c ' = 3000psi	F _c ' = 4000psi	F _c ' = 5000psi	F _c ' = 3000psi	F _c ' = 4000psi	F _c ' = 5000psi	F _c ' = 3000psi	F _c ' = 4000psi	F _c ' = 5000psi
10	6	6	6	7	6	6	6	6	6	7	6	6
12	8	7	6	9	8	7	8	7	7	8	7	7
16	10	9	8	11	10	9	10	9	9	10	9	9
20	12	10	9	13	11	10	11	10	10	11	10	10
22	14	12	11	15	13	12	12	11	11	13	12	12
25	16	14	12	17	15	14	14	13	13	15	14	14
28	18	15	14	20	17	15	15	14	14	17	15	15
32	20	17	16	22	19	17	17	16	16	19	17	17
36	22	19	17	24	21	19	19	18	18	21	19	19



- THESE DEVELOPMENT LENGTHS APPLY TO REGULAR WEIGHT CONCRETE MULTIPLY THE SPECIFIED DEVELOPMENT LENGTH BY 1.3 FOR LIGHTWEIGHT CONCRETE.
- THE DEVELOPMENT LENGTHS SPECIFIED FOR "CONCRETE WALLS & DIAPHRAGMS" ARE APPLICABLE IF THE HOOKED BAR IS WITHIN THE CONFINED CONCRETE CORE OF A BOUNDARY MEMBER.
- REFER TO SECTION FOR ADD'L. REQUIREMENTS FOR "ALL OTHER MEMBERS".

HOOKED BAR DEVELOPMENT LENGTH (L_d) SCHEDULE

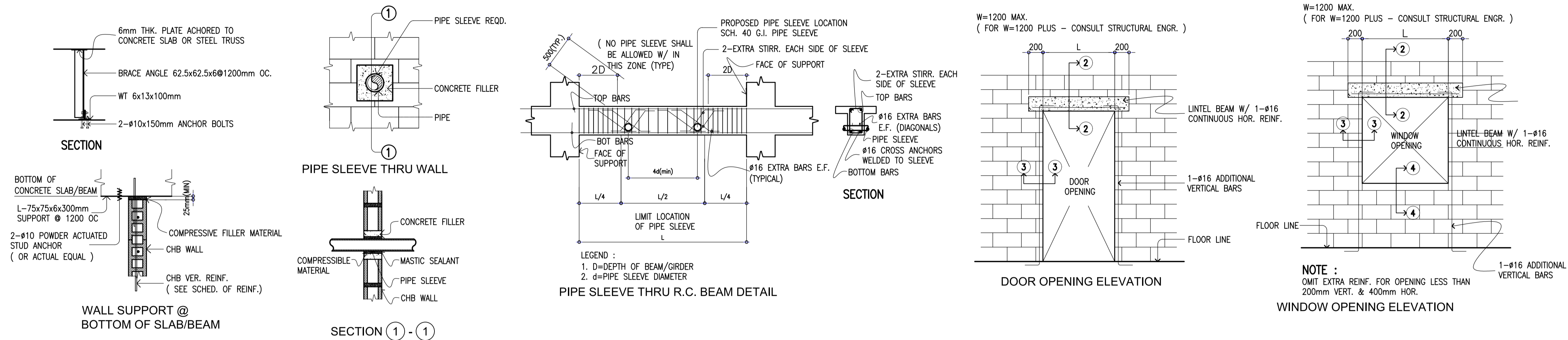
- TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 300mm CONCRETE CAST IN THE MEMBER BELOW THE REINFORCEMENT.
- THESE BAR DEVELOPMENT LENGTHS APPLY TO REGULAR WEIGHT CONCRETE, MULTIPLY THE SPECIFIED DEV'T. LENGTH BY 1.3 FOR LIGHTWEIGHT CONCRETE.
- ALL DETAILING OF REINFORCEMENT SHALL COMPLY WITH THIS SCHEDULE UNLESS SPECIFICALLY DETAILED OTHERWISE ON THE DRAWINGS.
- db INDICATES DIAMETER OF THE BAR.
- LENGTHS SHOWN UNDER CONDITION 1 SHALL BE USED WHERE ANY ONE OF THE FOLLOWING IS SATISFIED:
 - BEAM AND COLUMN BARS WHERE "BAR SPACING 4db".
 - INNER LAYER OF SLAB OR WALL REINFORCEMENT WHERE "BAR SPACING 4db".
 - ANY REINF. WHERE "BAR COVER 2db" AND "BAR SPACING 4db".
- LENGTHS SHOWN UNDER CONDITION 2 SHALL BE USED WHERE "BAR COVER db" OR "BAR SPACING 3db".
- LENGTHS SHOWN UNDER CONDITION 3 SHALL BE USED WHERE CONDITION 1 OR 2 ARE NOT SATISFIED.
- IF "BAR SPACING 6db" AND "BAR COVER 2.5db" USE 80% OF LENGTH SPECIFIED IN SCHEDULE ABOVE.
- A STANDARD HOOK SHALL BE PROVIDED WHERE L_d IS UNATTAINABLE DUE TO SPACE RESTRICTIONS (REFER TO SCHEDULE FOR L_{dh}).

CLASS "A" LAP SPICE SCHEDULE (L) (INCHES)																			
MEMBER TYPE	BAR SIZES	F _c ' = 3000 psi			F _c ' = 4000 psi			F _c ' = 5000 psi			CONDITION 1	CONDITION 2	CONDITION 3						
		CONDITION 1	CONDITION 2	CONDITION 3	CONDITION 1	CONDITION 2	CONDITION 3	CONDITION 1	CONDITION 2	CONDITION 3									
ALL MEMBERS U.N.O.	10	17	13	17	13	17	13	14	12	14	12	13	12	13	12	13	12		
	12	22	17	23	18	22	17	19	15	20	15	19	15	17	13	18	14	17	13
	16	27	21	35	27	27	21	24	18	31	24	24	18	21	16	28	21	21	16
	20	33	25	51	39	36	28	28	22	44	34	31	24	25	20	39	30	28	21
	22	38	29	61	53	48	37	33	25	60	46	42	32	29	23	54	41	38	29
ALL CONCRETE WALLS AND DIAPHRAGMS	25	45	35	90	69	63	49	39	30	78	60	55	42	35	27	70	54	49	38
	28	57	44	114	88	80	62	50	38	99	76	69	54	45	34	89	68	62	48
	32	73	56	145	111	101	78	63	49	125	97	88	68	56	43	112	86	79	61
	36	89	69	178	137	125	96	77	60	154	119	108	83	69	53	138	106	97	75
	10	23	16	23	16	23	16	21	15	21	15	21	15	21	15	21	15	21	15
ALL MEMBERS U.N.O.	12	30	22	30	22	30	22	26	19	26	19	26	19	23	17	23	17	23	17
	16	37	27	37	27	37	27	32	23	32	23	32	23	29	21	29	21	29	21
	20	45	32	45	32	45	32	39	28	39	28	39	28	35	25	35	25	35	25
	28	52	37	52	37	52	37	45	32	45	32	45	32	40	29	40	29	40	29
	32	59	43	59	43	59	43	52	37	52	37	52	37	46	33	46	33	46	33
ALL CONCRETE WALLS AND DIAPHRAGMS	28	67	48	67	48	67	48	58	42	58	42	58	42	52	37	52	37	52	37
	32	75	54	75	54	75	54	65	47	65	47	65	47	59	42	59	42	59	42
	36	84	60	84	60	84	60	73	52	73	52	73	52	65	47	65	47	65	47

BAR DEVELOPMENT LENGTH (L_d) SCHEDULE

CLASS "B" LAP SPICE SCHEDULE (L) (INCHES)																			
MEMBER TYPE	BAR SIZES	F _c ' = 3000 psi			F _c ' = 4000 psi			F _c ' = 5000 psi			CONDITION 1	CONDITION 2	CONDITION 3						
		CONDITION 1	CONDITION 2	CONDITION 3	CONDITION 1	CONDITION 2	CONDITION 3	CONDITION 1	CONDITION 2	CONDITION 3									
ALL MEMBERS U.N.O.	10	21	17	21	17	21	17	19	16	19	16	17	16	17	16	17	16	17	16
	12	28	22	30	23	28	22	25	19	26	20	25	19	22	17	23	18	22	17
	16	35	27	46	35	35	27	31	24	40	31	31	24	27	21	36	28	27	21
	20	42	33	66	51	46	36	37	28	57	44	40	34	33	25	51	39	36	28
	22	49	38	90	69	63	37	43	33	78	60	54	42	38	29	69	54	49	38
ALL CONCRETE WALLS AND DIAPHRAGMS	25	59	45	117	90	82	63	51	39	101	78	71	55	46	35	91	70	64	49
	28	74	57	148	114	104	80	65	50	129	99	90	69	58	45	115	89	81	62
	32	94	73	188	145	132	101	82	63	163	125	114	88	73	56	146	112	102	79
	36	116	89	232	178	162	125	101	77	201	154	141	108	90	69	180	138	126	97
	10	29	21	29	21	29	21	28	20	28	20	28	20	28	20	28	20	28	20
ALL MEMBERS U.N.O.	12	29	28	39	28	39	28	34	24	34	24	30	22	30	22	30	22	30	22
	16	48	35	48	35	48	35	42	30	42	30	42	30	38	27	38	27	38	27
	20	58	42	58	42	58	42	50	36	50	36	50	36	45	32	45	32	45	32
	22	68	48	68	48	68	48	59	42	59	42	52	38	52	38	52	38	52	38
	25	77	55	77	55	77	55	67	48	67	48	60	43	60	43	60	43	60	43
ALL CONCRETE WALLS AND DIAPHRAGMS	28	87	62	87	62	87	62	75	54	75	54	75	54	67	48	67	48	67	48
	32	98	70	98	70	98	70	85	61	85	61	85	61	76	54	76	54	76	54
	36																		

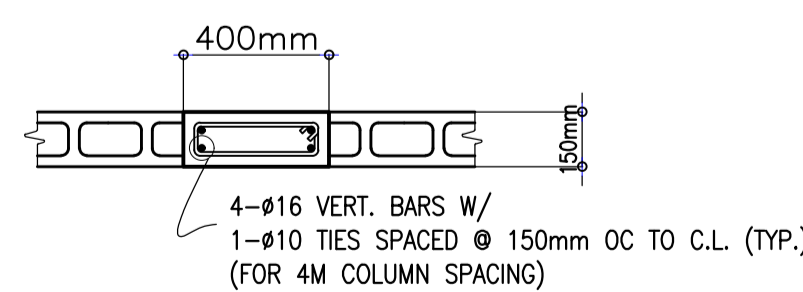
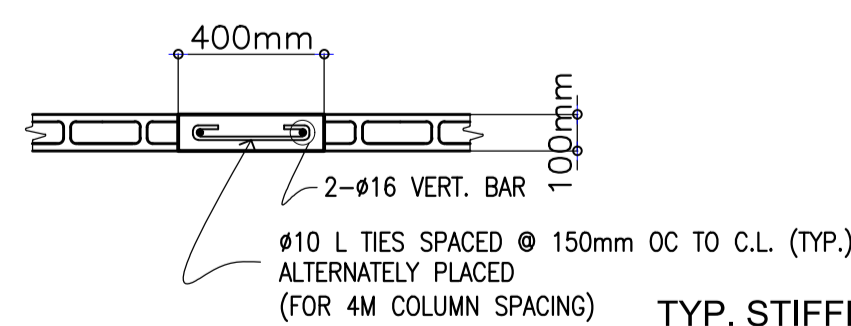
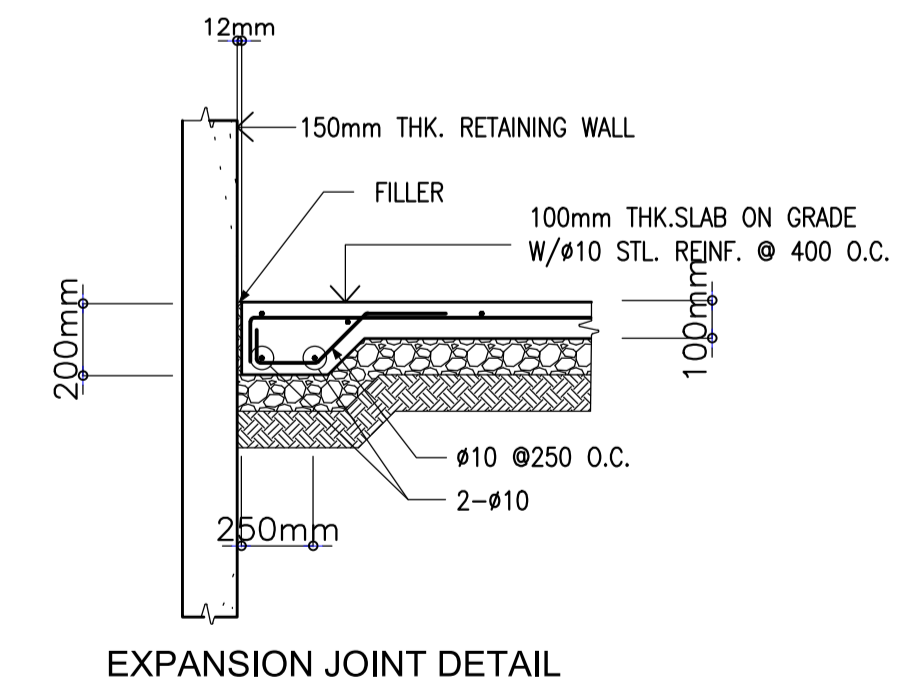
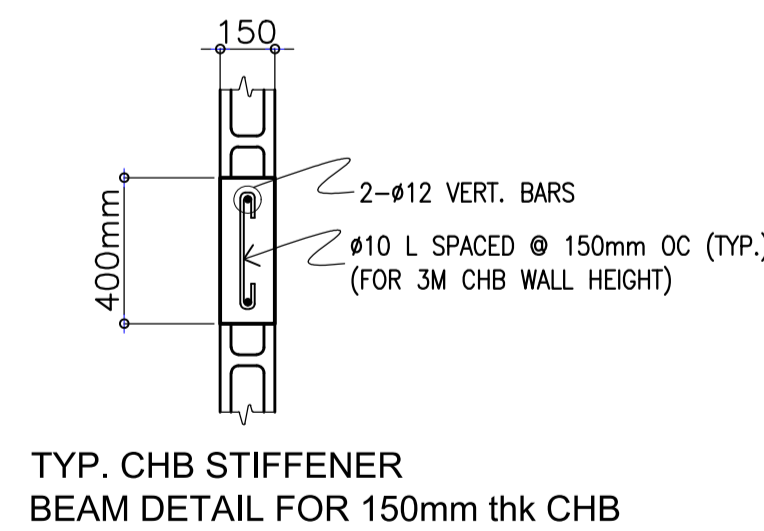
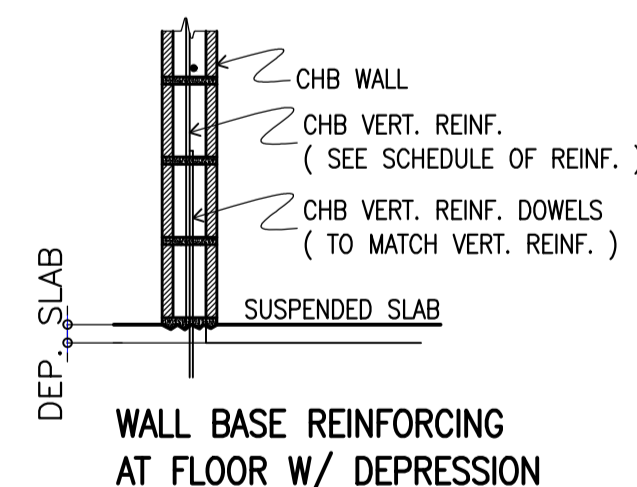
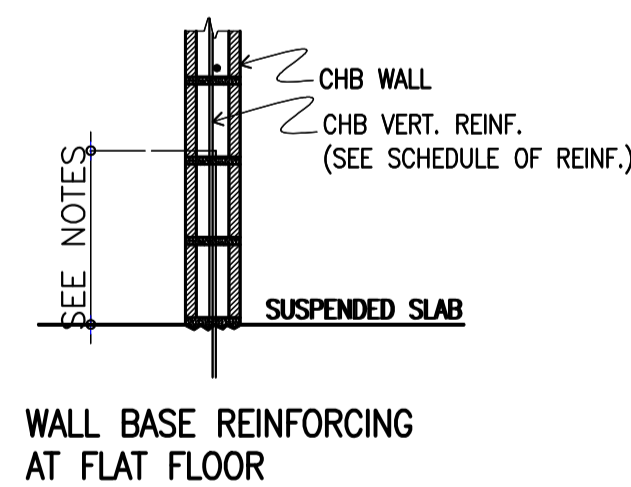
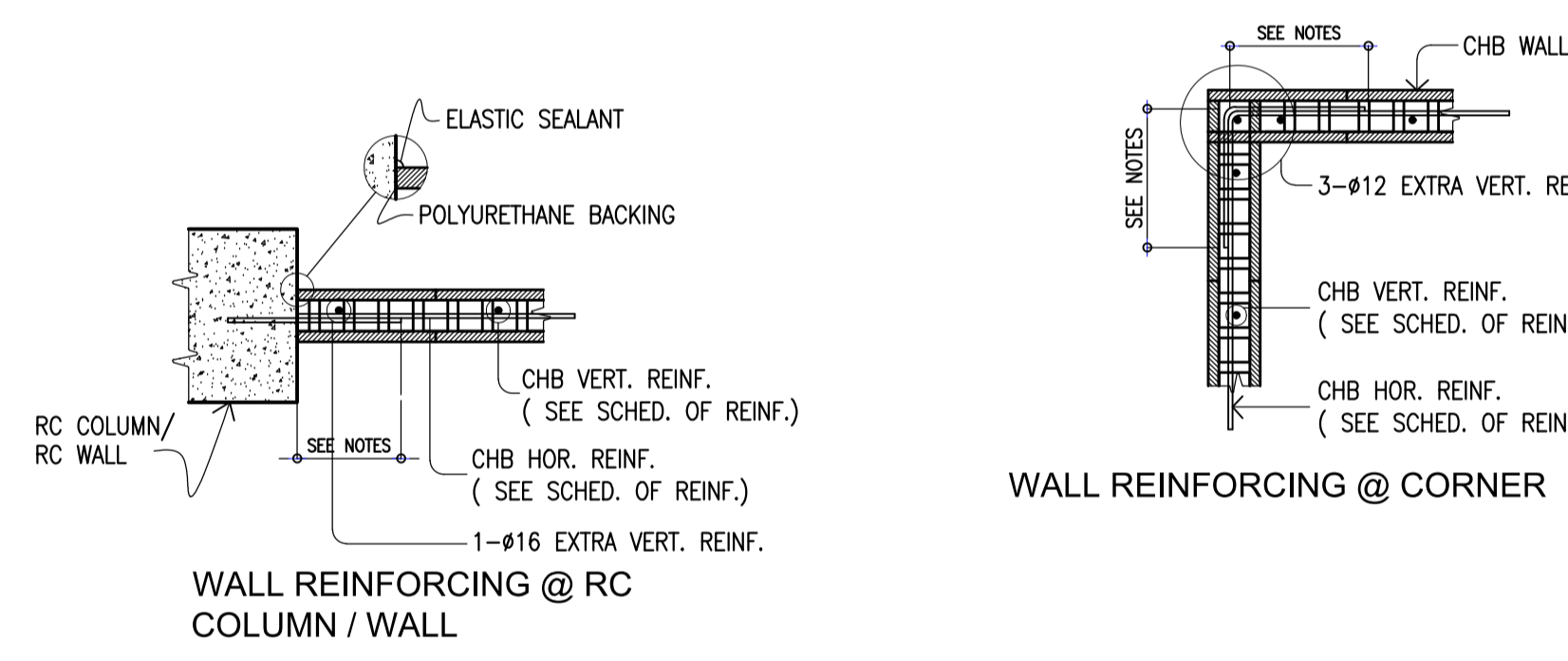
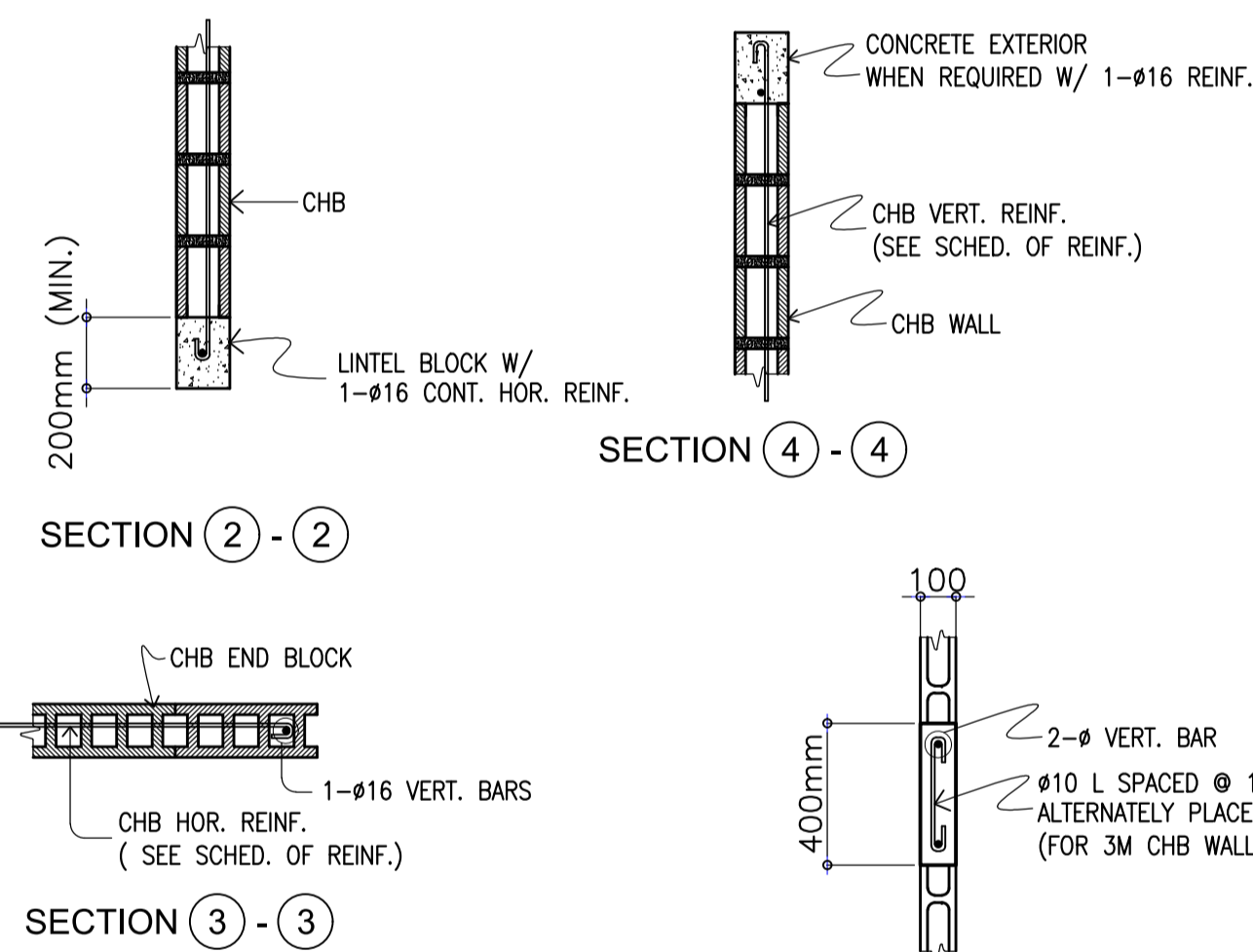
STRUCTURAL NOTES



NOTES ON MASONRY AND CONCRETE BLOCKS

- ALL NON-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A LIMIT WEIGHT NOT TO EXCEED 60 PCF FOR LOAD BEARING TYPE CONCRETE BLOCKS. A MINIMUM COMPRESSIVE STRENGTH OF 6.90 MPa(1000 psi) SHALL BE DEVELOPED.
- PROVIDE 1-#16 EXTRA VERTICAL BARS @ CORNERS, INTERSECTION, END OF WALLS AND EACH SIDE OF OPENINGS AS SHOWN.
- LINTEL BEAMS OR LINTEL BLOCKS SHALL BEAR @ LEAST 8 INCHES (200mm) ON EACH SIDE OF MASONRY WALL OPENINGS.
- CHB WALL REINFORCEMENTS SHALL BE AS FOLLOWS.

WALL THICKNESS	VERTICAL REINFORCEMENTS	HORIZONTAL REINFORCEMENTS
8" (200mm)	# 12 @ 400mm	# 10 @ 600mm
6" (150mm)	# 10 @ 400mm	# 10 @ 600mm
4" (100mm)	# 10 @ 400mm	# 10 @ 600mm
- BLOCK WALL REINFORCING BARS SHALL LAPPED A MINIMUM OF 30 BAR DIAMETERS WHERE SPLICED, HORIZONTAL/VERTICAL DOWELS FROM FOOTINGS, COLUMNS/ WALLS ON BARS SHALL BE EXTEND INTO THE BLOCK WALL A MINIMUM OF 30 BAR DIAMETER ON A MINIMUM OF 400mm. W/C EVEN IS LONGER AND DOWELS TO MATCH VERTICAL REINFORCEMENT OF WALL.
- ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLELY FILLED W/ CONCRETE GROUT (REFER TO SPECIFICATION)



MISCELLANEOUS DETAILS & MASONRY DETAILS

MISCELLANEOUS DETAILS & MASONRY DETAILS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LUVILA HEIGHTS QUEZON CITY, 3106 TEL. NOS. 43-7009; 43-3022-04 FAX NOS. 927-0606; 43-7214
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:
ARNEL NIXON D. TAÑAZANA
STRUCTURAL ENGINEER
PRC No. 0076960 Validity: 04-14-2023
PTR No. 8676828 Date: 01-07-2021
Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPUTATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

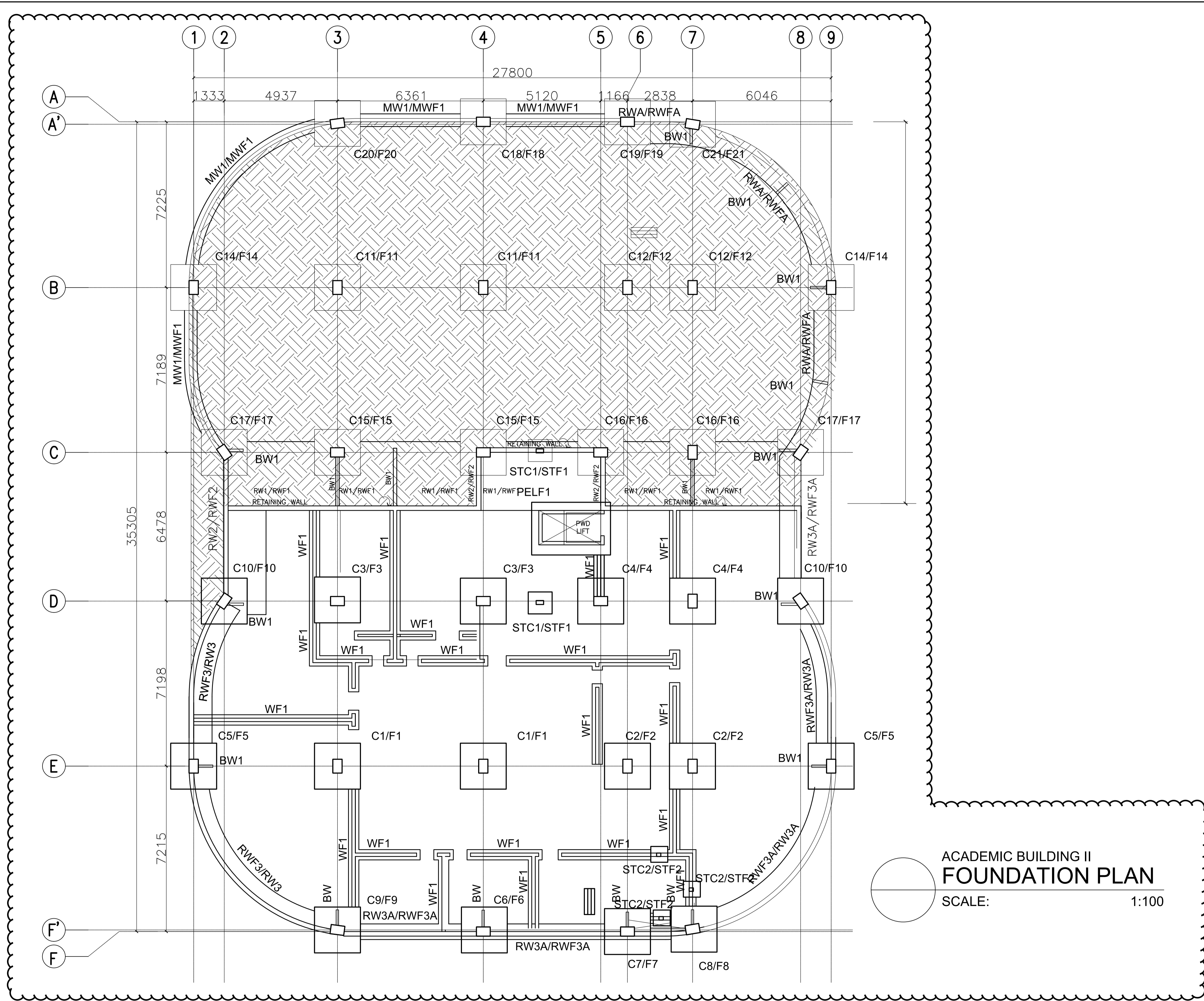
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
CONSTRUCTION NOTES

SHEET NO:
S
3 35



ACADEMIC BUILDING II
FOUNDATION PLAN

SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

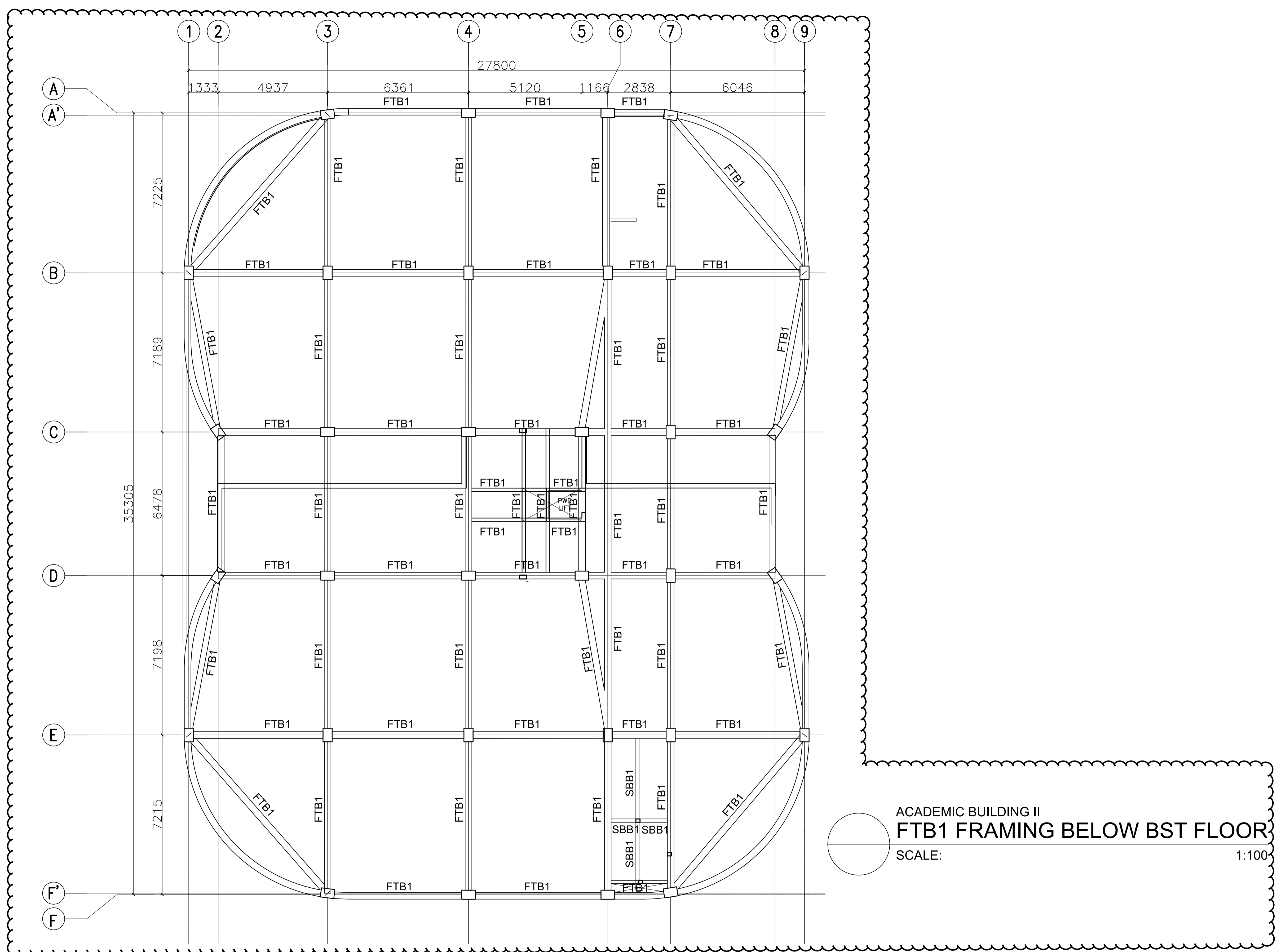
REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
LOCATION: Brgy. Rizal, Odiongan, Romblon



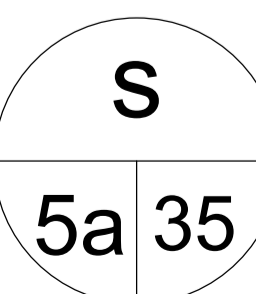
RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF
APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR

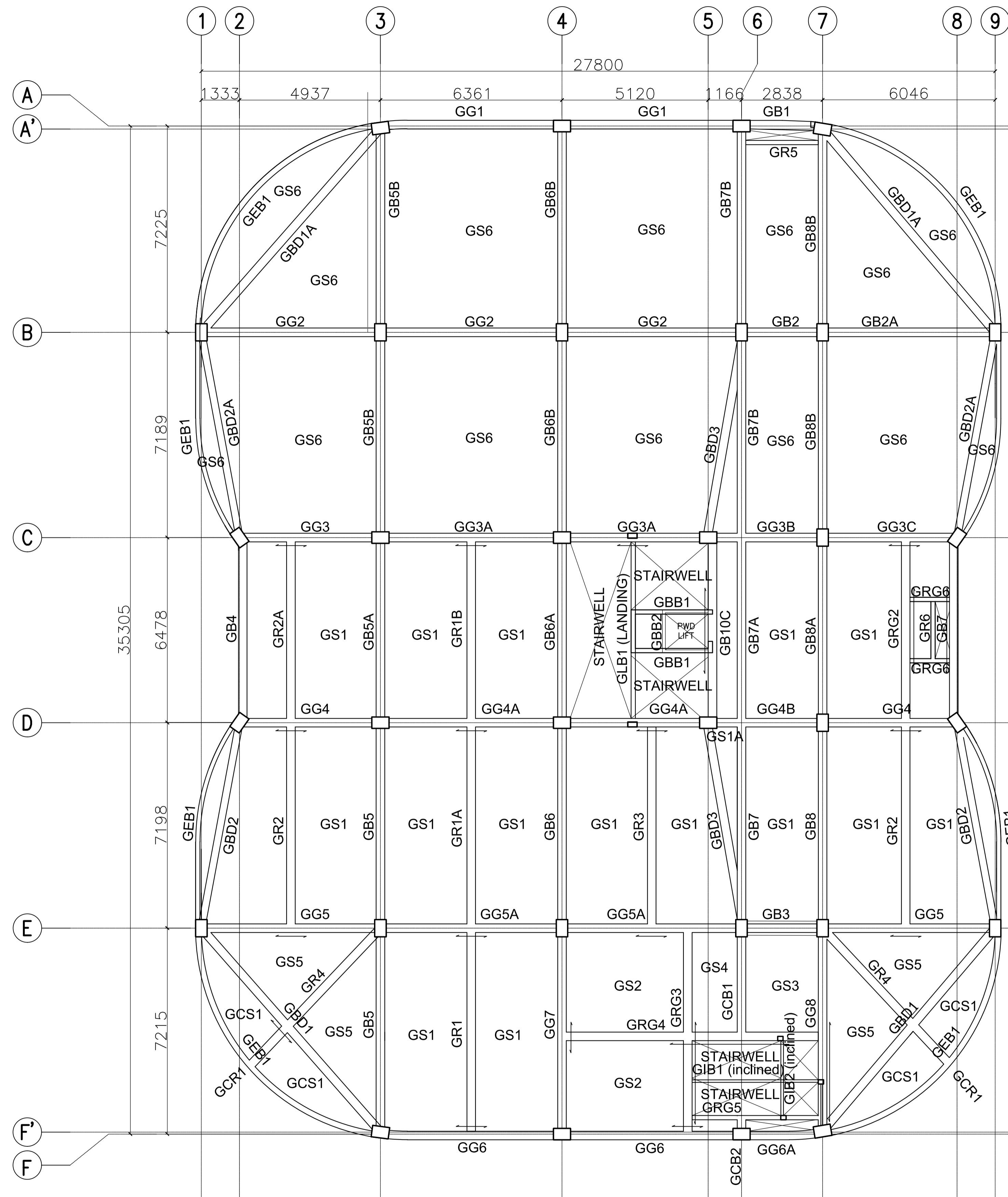
SHEET CONTENTS: FOUNDATION PLAN

SHEET NO: S 5 35



ACADEMIC BUILDING II
FTB1 FRAMING BELOW BST FLOOR
 SCALE: 1:100

 <p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FTB1 FRAMING BELOW BST FLOOR	SHEET NO: 
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 49-7009; 49-3022-04 FAX NOS. 927-0606; 49-7214							



ACADEMIC BUILDING II
GROUND FLOOR FRAMING PLAN
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LUVIJA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009,
 43-3022-04
 FAX NOS. 927-6606,
 43-7214

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon

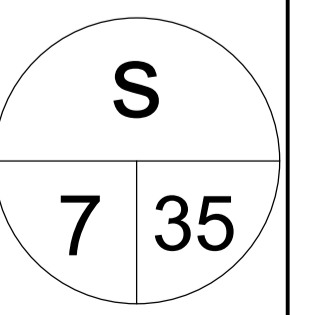
DESIGNED FOR:

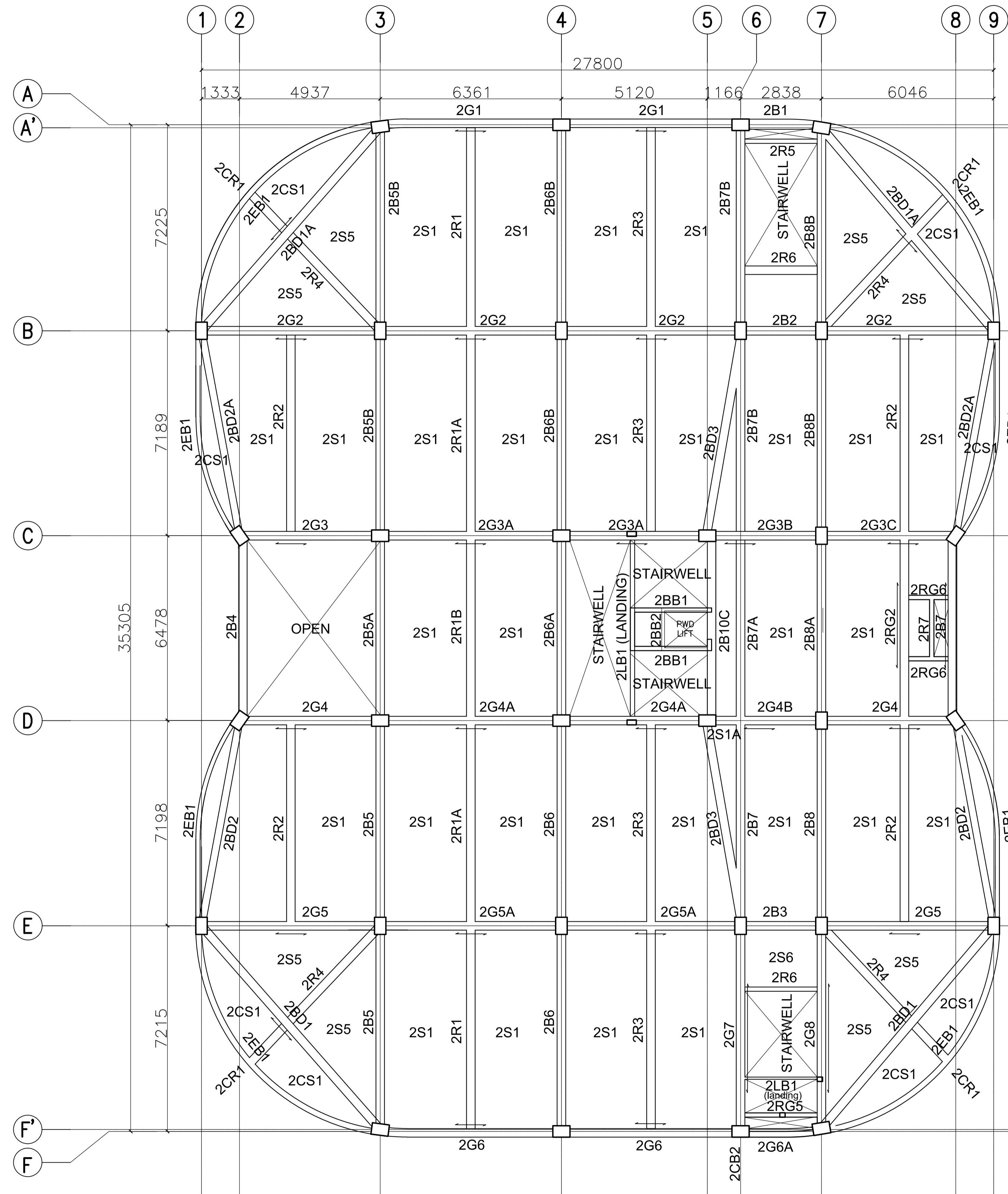
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 GROUND FLOOR FRAMING PLAN

SHEET NO:




ACADEMIC BUILDING II
SECOND FLOOR FRAMING PLAN
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LOYOLA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009,
 43-3022-04
 FAX NOS. 927-6606,
 43-7214

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

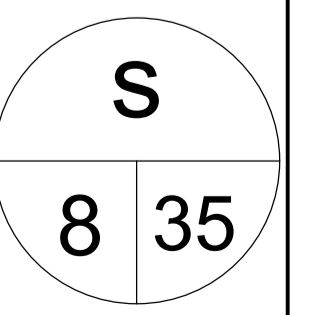


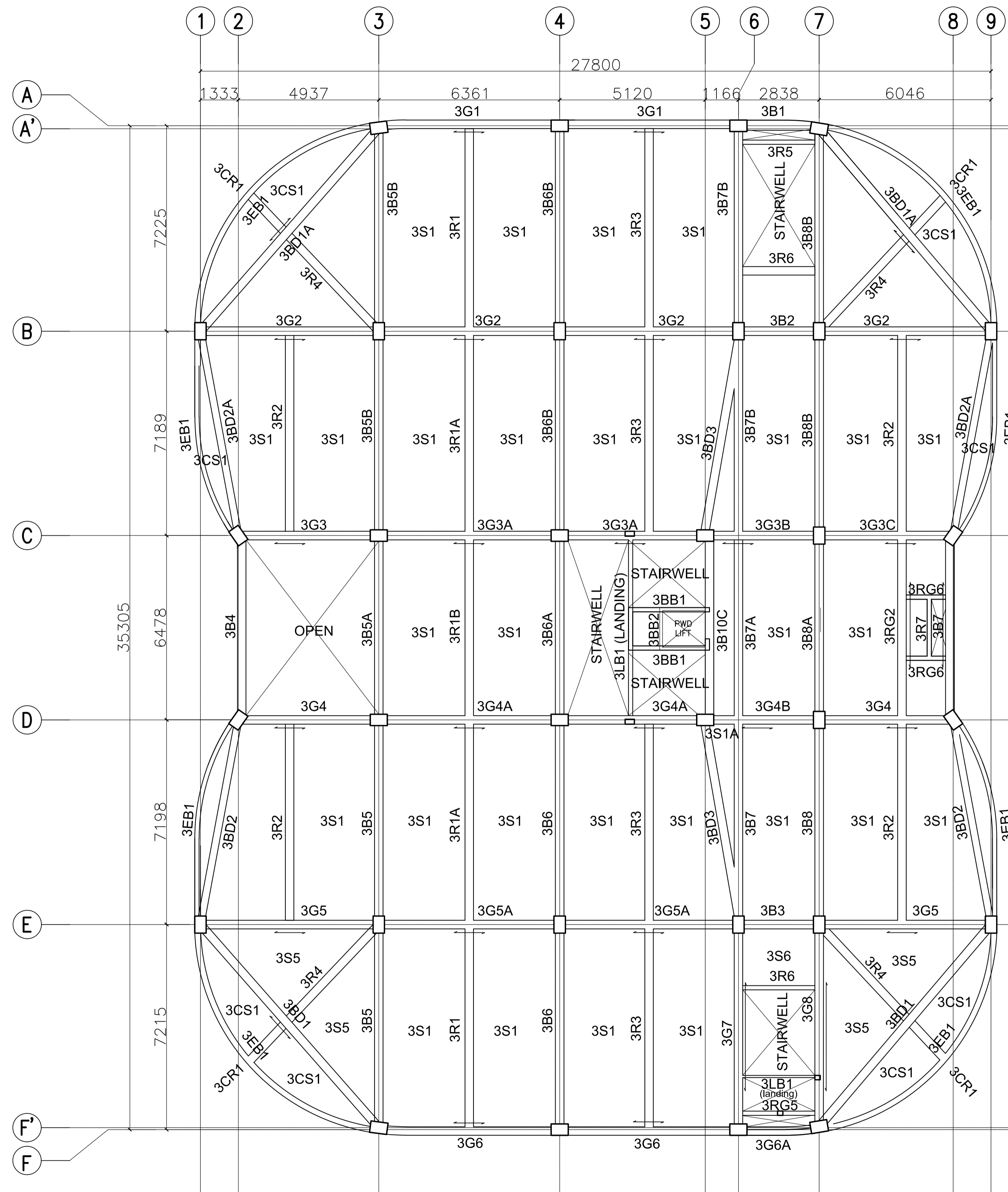
REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SECOND FLOOR FRAMING PLAN

SHEET NO:




ACADEMIC BUILDING II
THIRD FLOOR FRAMING PLAN
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LOYOLA HEIGHTS,
 QUEZON CITY, 1108
 431 3022 04
 FAX NO. 827 1608;
 426 7214

ENGINEER:
ARNEL NIXON D. TAÑAZANA
 STRUCTURAL ENGINEER
 PRC No. 0076960 Validity: 04-14-2023
 PTR No. 8676828 Date: 01-07-2021
 Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II**
 LOCATION: Brgy. Rizal, Odiongan, Romblon

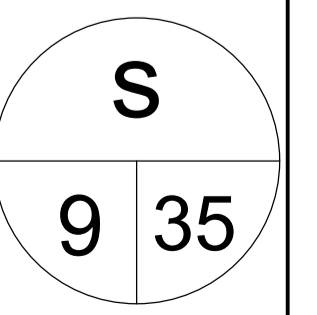
DESIGNED FOR:

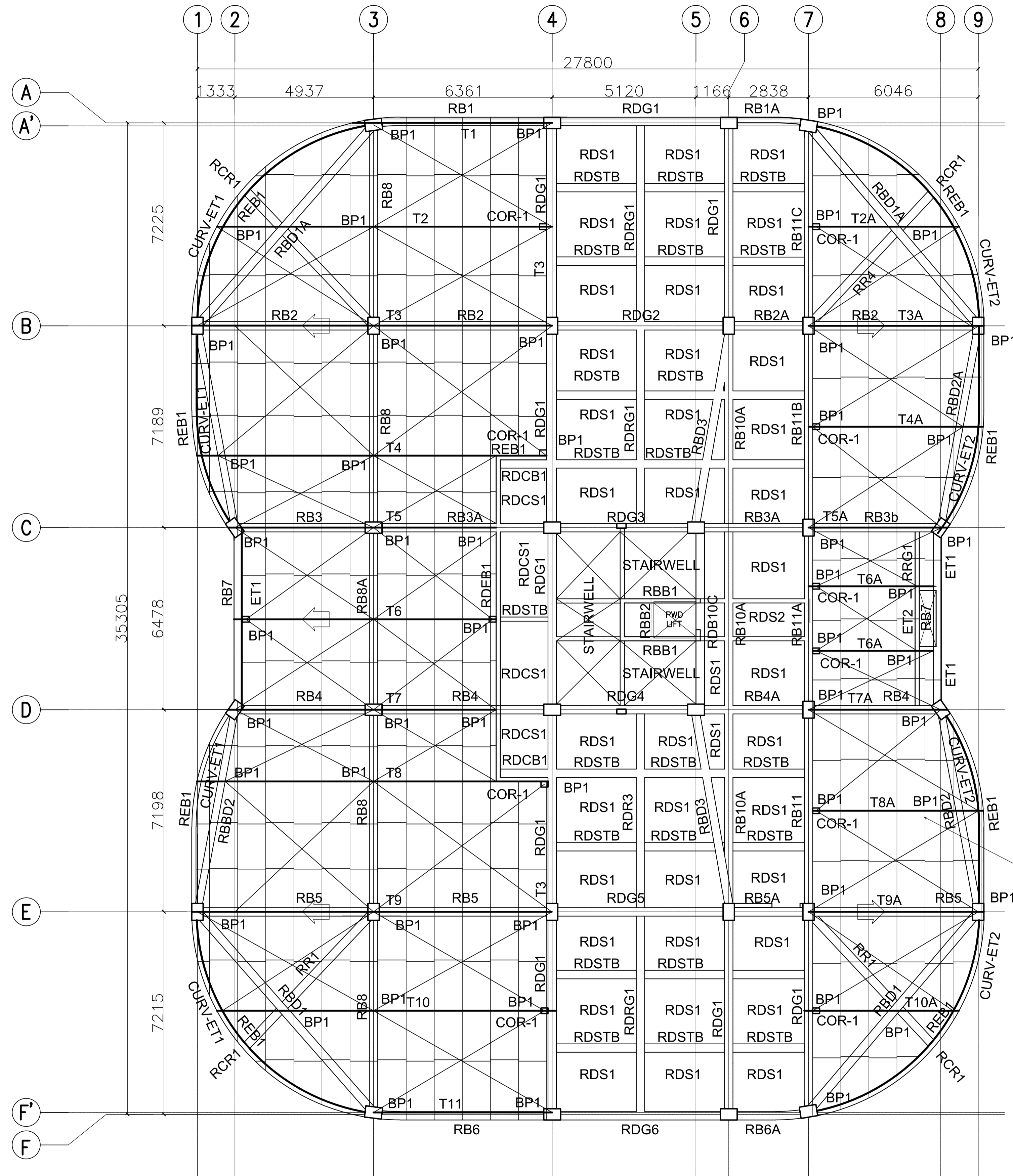
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 THIRD FLOOR FRAMING PLAN

SHEET NO:




LC-50x175x12.5x1.5mm Purlins
spaced @ 1000mm oc with 10mmØ
sagrod, 12mmØ Cross Bracing
& standard turnbuckles

ACADEMIC BUILDING II
ROOF FRAMING PLAN
SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

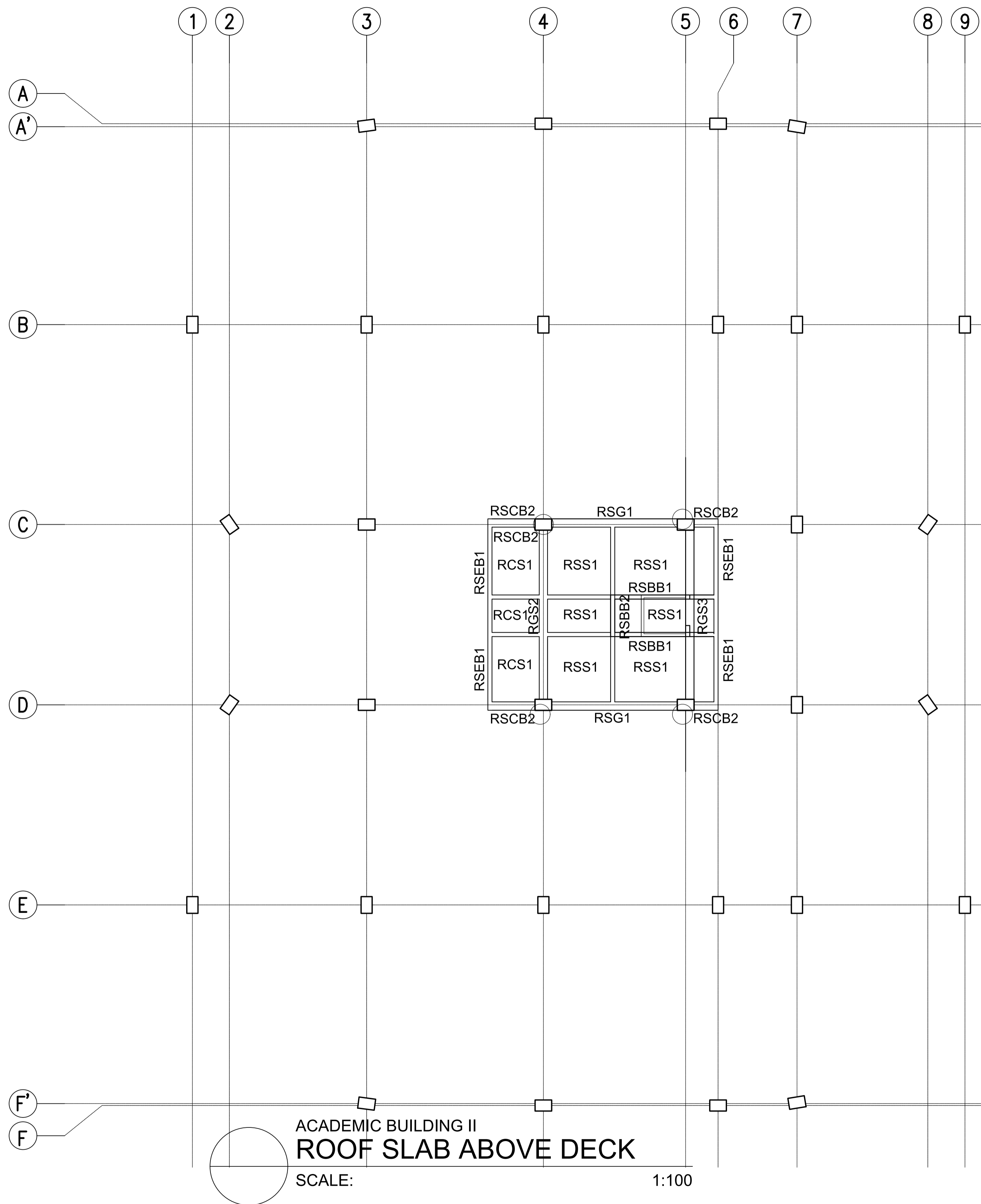
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR


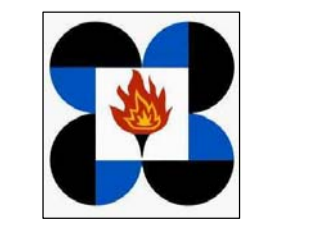
SHEET CONTENTS:
ROOF FLOOR FRAMING PLAN

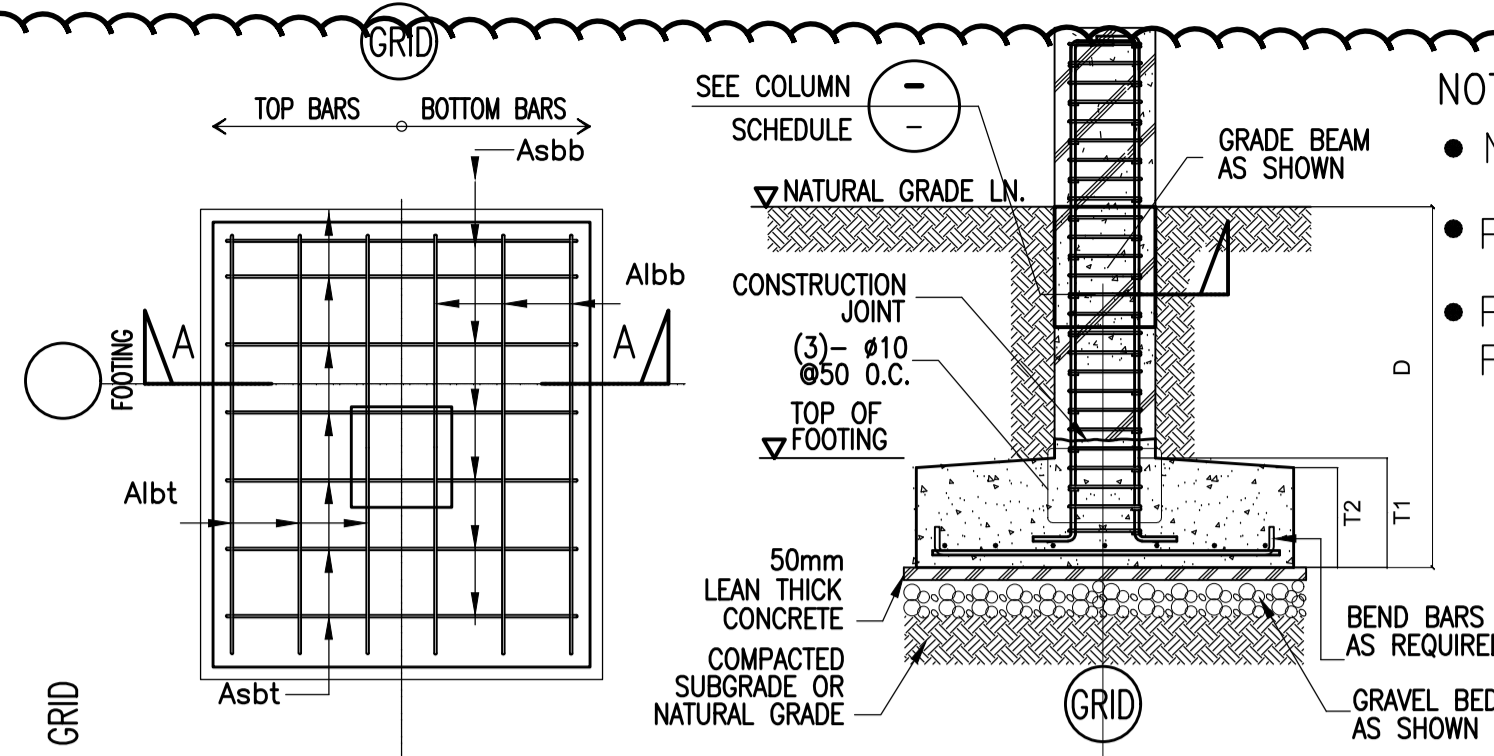
SHEET NO:
S
10 35



ACADEMIC BUILDING II
ROOF SLAB ABOVE DECK

SCALE: 1:100

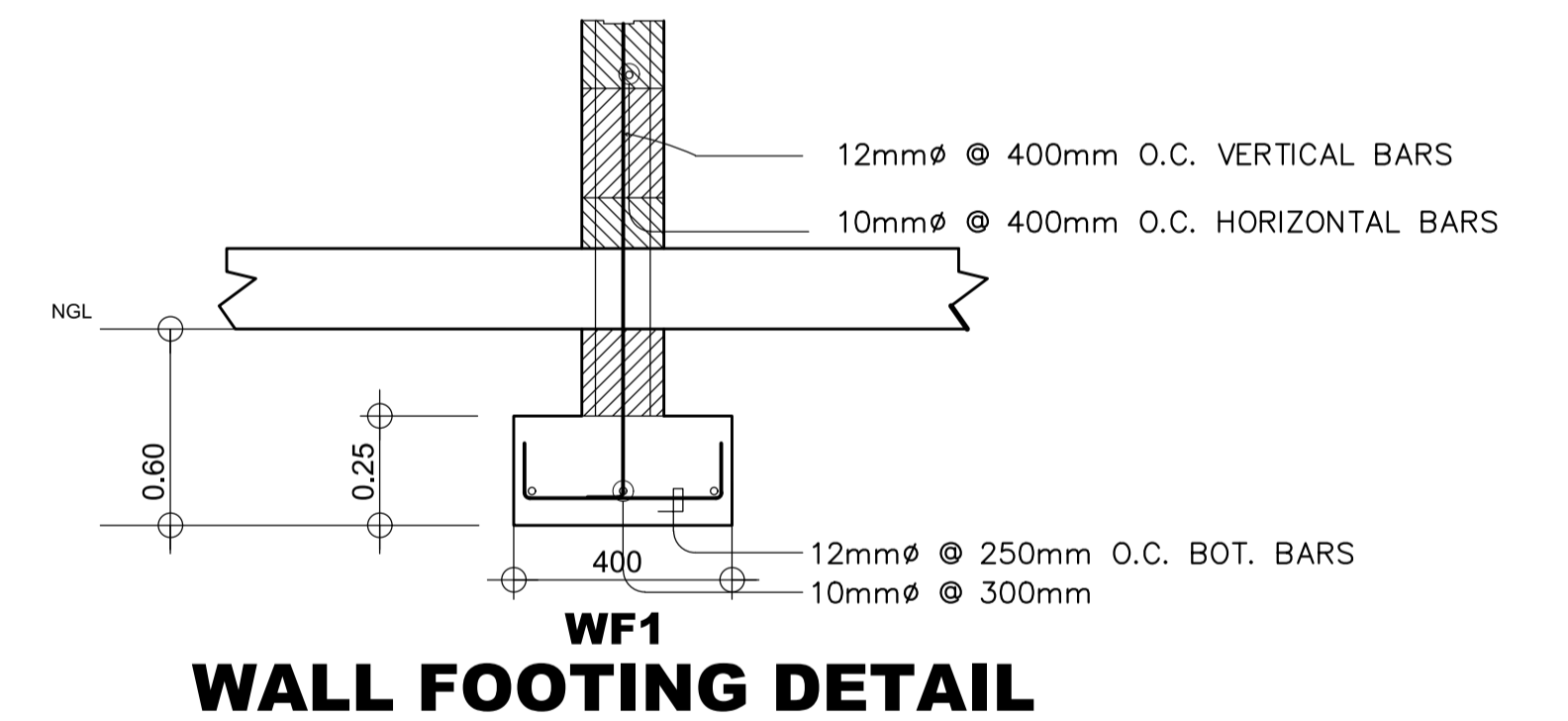
 <p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS</p> <p><small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 43-3002.04 FAX NOS. 927-6606, 43-7214</small></p> <p>ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR:  <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: ROOFSLAB ABOVE DECK	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> <p>S</p> <p>11 35</p> </div> </div>
	<small>PRC No. 0076960 Validity: 04-14-2023</small> <small>PTR No. 8676828 Date: 01-07-2021</small> <small>Place: MARIKINA CITY TIN: 192-932-067</small>	<small>LOCATION: Brgy. Rizal, Odiongan, Romblon</small>						



- NOTES :
- NO FOOTING SHALL REST ON FILL.
 - PROVIDE COMPACTED BACKFILL (95% MDD)
 - PROVIDE ADEQUATE LATERAL SUPPORT FOR ANY EXCAVATION.

PLAN
ACADEMIC BUILDING 2
SCHEDULE OF FOOTINGS

MARK	THICKNESS		DIMENSIONS		BAR REINFORCEMENT			DEPTH OF EXCAVATION	REMARKS
	T1	T2	WIDTH (W)	LENGTH (L)	BAR LOC.	ØX-DIRECTION	ØY-DIRECTION		
F1 @ Grid E/3	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	4.94m. below NGL (VER)	ISOLATED
F1 @ Grid E/4	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	3.859m. below NGL (VER)	ISOLATED
F2 @ Grid E/6	700	500	3000	3000	BOT	15 - 25mmØ	15 - 25mmØ	3.859m. below NGL (VER)	ISOLATED
F2 @ Grid E/7	700	500	3000	3000	BOT	15 - 25mmØ	15 - 25mmØ	3.50m. below NGL (VER)	ISOLATED
F3 @ Grid D/3	750	500	3000	3200	BOT	15 - 25mmØ	15 - 25mmØ	4.453m. below NGL (VER)	ISOLATED
F3 @ Grid D/4	750	500	3000	3200	BOT	15 - 25mmØ	15 - 25mmØ	3.729m. below NGL (VER)	ISOLATED
F4 @ Grid D/5	650	500	2950	2950	BOT	14 - 25mmØ	14 - 25mmØ	4.254m. below NGL (VER)	ISOLATED
F4 @ Grid D/7	650	500	2950	2950	BOT	14 - 25mmØ	14 - 25mmØ	4.254m. below NGL (VER)	ISOLATED
F5 @ Grid E/1	550	400	2400	2400	BOT	9 - 25mmØ	9 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F5 @ Grid E/9	550	400	2200	2200	BOT	8 - 25mmØ	8 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F6 @ Grid F/4	550	300	2400	2400	BOT	9 - 25mmØ	9 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F7 @ Grid F/6	550	300	2400	2400	BOT	9 - 25mmØ	9 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F8 @ Grid F/7	550	300	2350	2350	BOT	9 - 25mmØ	9 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F9 @ Grid F/3	650	300	2650	2650	BOT	11 - 25mmØ	11 - 25mmØ	3.5m below NGL (VER)	ISOLATED
F10 @ Grid D/2	550	300	2350	2350	BOT	9 - 25mmØ	9 - 25mmØ	4.792m. below NGL (VER)	ISOLATED
F10 @ Grid D/8	550	300	2350	2350	BOT	9 - 25mmØ	9 - 25mmØ	4.254m. below NGL (VER)	ISOLATED
F11 @ Grid B/3	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	5.887m. below NGL (VER)	ISOLATED
F11 @ Grid B/4	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	5.450m. below NGL (VER)	ISOLATED
F12 @ Grid B/6	750	500	3400	3400	BOT	17 - 25mmØ	17 - 25mmØ	4.801m. below NGL (VER)	ISOLATED
F12 @ Grid B/7	750	500	3400	3400	BOT	17 - 25mmØ	17 - 25mmØ	4.801m. below NGL (VER)	ISOLATED
F14 @ Grid B/1	750	500	3000	3200	BOT	15 - 25mmØ	15 - 25mmØ	6.16m. below NGL (VER)	ISOLATED
F14 @ Grid B/9	750	500	3000	3200	BOT	15 - 25mmØ	15 - 25mmØ	4.116m. below NGL (VER)	ISOLATED
F15 @ Grid C/3	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	5.323m. below NGL(VER)	ISOLATED
F15 @ Grid C/4	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	4.549m. below NGL(VER)	ISOLATED
F16 @ Grid C/5	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	5.004m. below NGL (VER)	ISOLATED
F16 @ Grid C/7	800	500	3500	3500	BOT	18 - 25mmØ	18 - 25mmØ	4.749m. below NGL (VER)	ISOLATED
F17 @ Grid C/2	750	500	3400	3400	BOT	17 - 25mmØ	17 - 25mmØ	6.360m. below NGL (VER)	ISOLATED
F17 @ Grid C/8	750	500	3400	3400	BOT	17 - 25mmØ	17 - 25mmØ	4.884m. below NGL (VER)	ISOLATED
F18 @ GRID A'/4	600	400	2750	2750	BOT	10 - 25mmØ	10 - 25mmØ	5.439m. below NGL (VER)	ISOLATED
F19 @ GRID A'/6	600	400	2750	2750	BOT	10 - 25mmØ	10 - 25mmØ	5.254m. below NGL (VER)	ISOLATED
F20 @ GRID A'/3	550	300	2500	2500	BOT	10 - 25mmØ	10 - 25mmØ	5.89m. below NGL (VER)	ISOLATED
F21 @ GRID A'/7	550	300	2500	2500	BOT	10 - 25mmØ	10 - 25mmØ	4.753m. below NGL (VER)	ISOLATED
PELF1 @ GRID C-D/5	600	600	3000	4200	TOP	15 - 20mmØ	21 - 20mmØ	4.795m. NGL (VER)	MAT
					BOT	15 - 25mmØ	21 - 25mmØ		
STF1	300	300	1250	1250	BOT	7 - 16mmØ	7 - 25mmØ	3.5m. below NGL (VER)	ISOLATED
STF2	300	300	900	900	BOT	5 - 16mmØ	5 - 16mmØ	4.539m. below NGL (VER)	ISOLATED



ACADEMIC BUILDING II
FOOTING SCHEDULE
SCALE: _____ NTS

NOTES:
SEE FRAME ELEVATIONS TO VERIFY FOOTING EMBEDMENT

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:
ARNEL NIXON D. TAÑAZANA
STRUCTURAL ENGINEER
PRC No. 0076960 Validity: 04-14-2023
PTR No. 8676828 Date: 01-07-2021
Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED
ACADEMIC BUILDING II
LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

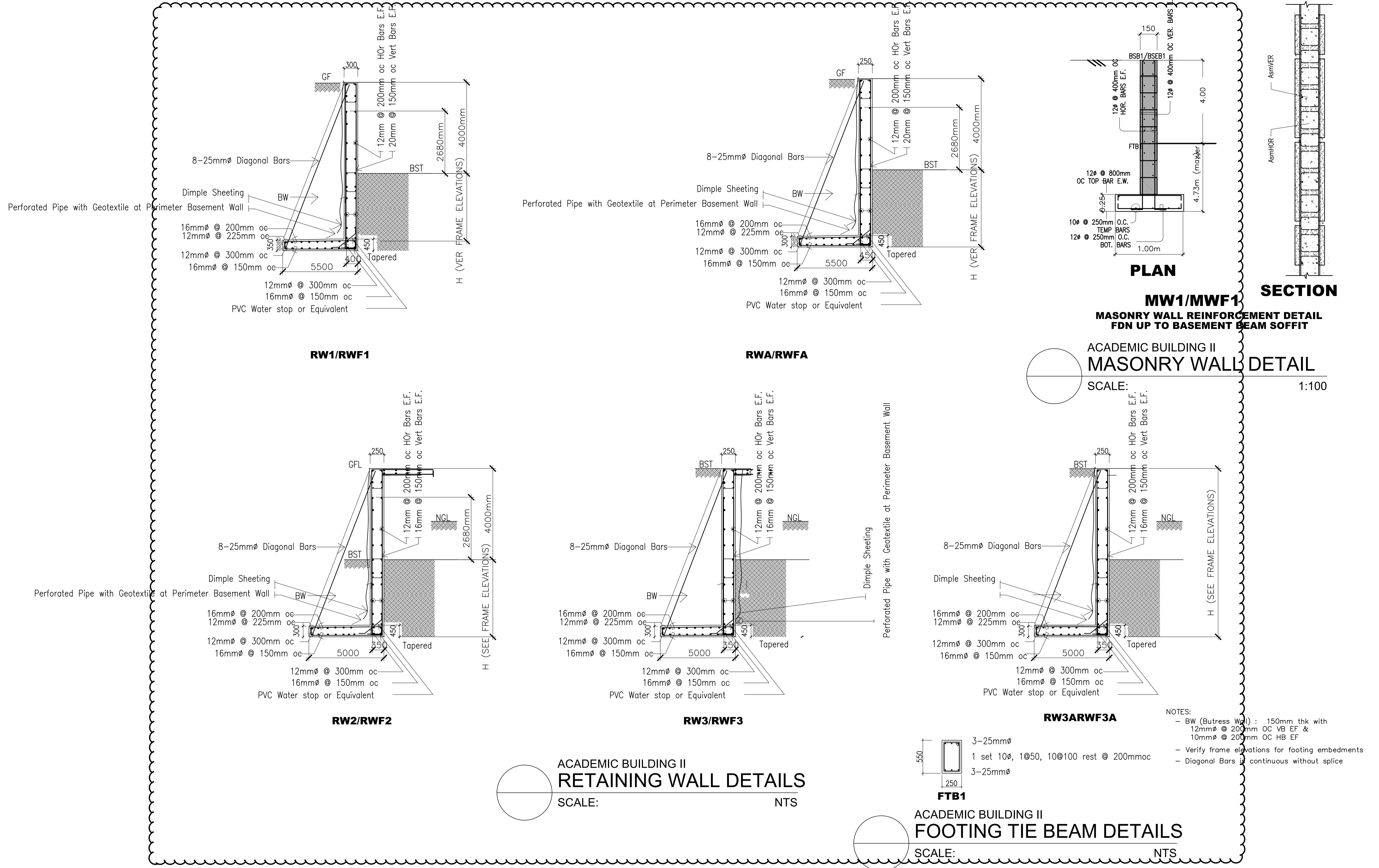
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
FOOTING SCHEDULE

SHEET NO:
S
11a35




ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LUVILA HEIGHTS QUEZON CITY, 1106
 TEL. NOS. 49-7009; 49-3002-04 FAX NOS. 927-6608; 49-7214

ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:	 REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
LOCATION:	Brgy. Rizal, Odiangan, Romblon

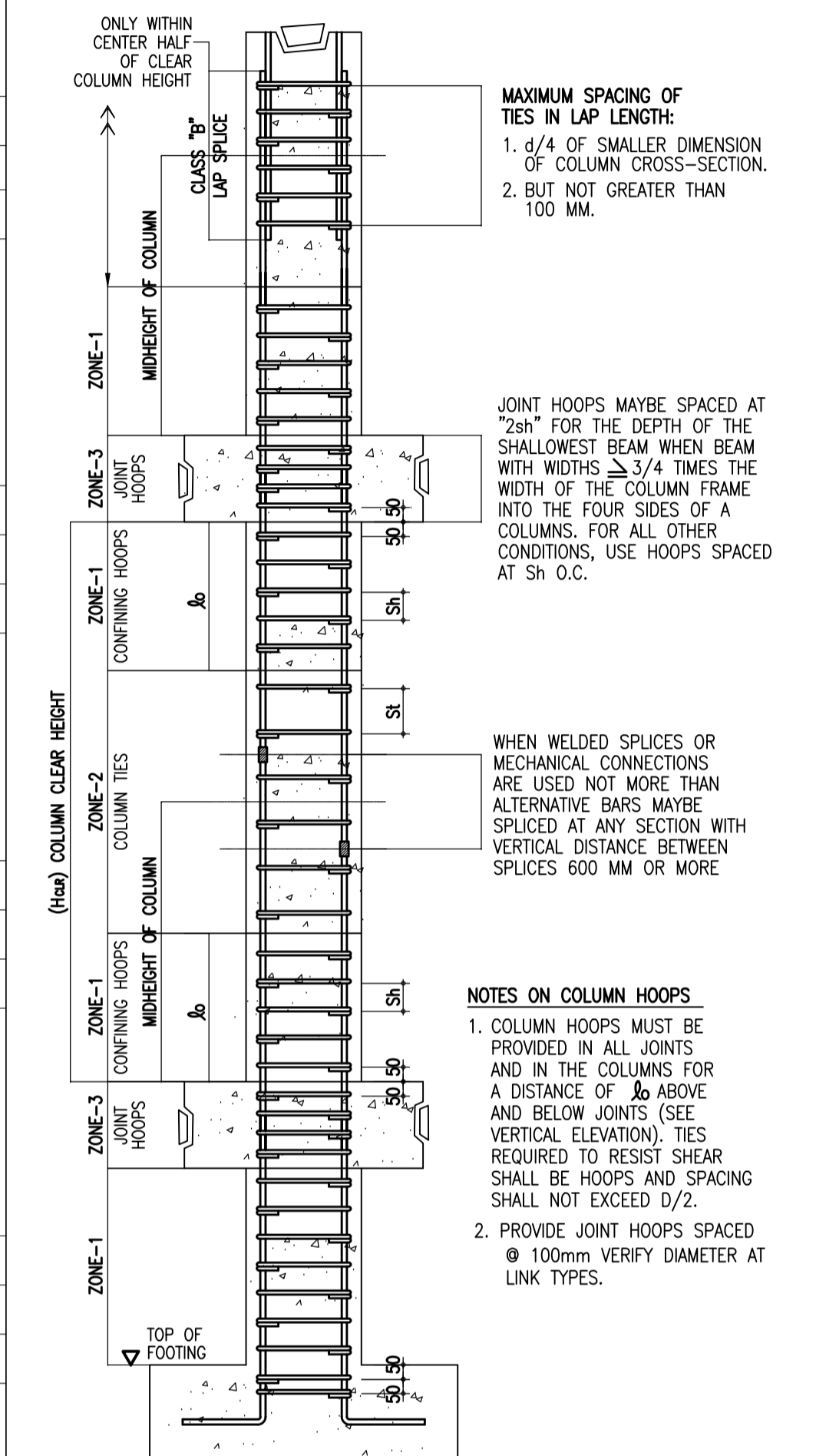
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS:	FOOTING SCHEDULE		
SHEET NO.:	<table border="1" style="width: 50px; height: 50px; margin: auto;"> <tr> <td style="text-align: center; vertical-align: middle;">S</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">12 35</td> </tr> </table>	S	12 35
S			
12 35			

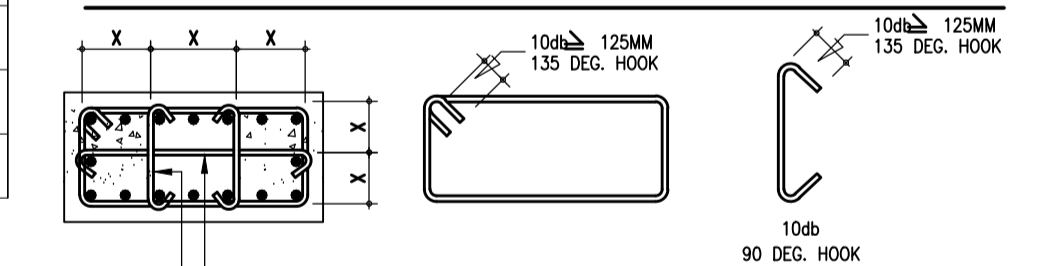
SCHEDULE OF COLUMN

LEVEL	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
ROOFDECK TO ROOFSLAB												
DIMENSIONS			300x600	300x600								300x600
VERTICAL BARS			12-20mmØ	12-20mmØ								12-20mmØ
TIES			C	C								C
THIRD TO ROOFDECK												
DIMENSIONS	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600
VERTICAL BARS	16-25Ø/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø
TIES	B	B	B	B	B	B	B	B	B	B	B	B
SECOND TO THIRD FLOOR												
DIMENSIONS	400x650	400x650	400x650	400x650	400x650	400x650	400x650	400x650	400x650	400x650	400x650	400x650
VERTICAL BARS	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø
TIES	B	B	B	B	B	B	B	B	B	B	B	B
GROUND FLOOR TO SECOND FLOOR												
DIMENSIONS	500x700	500 x700	500x700	500x700	500x700	500x700	500x700	500x700	500x700	500x700	450x650	450x650
VERTICAL BARS	24-25mmØ	24-25mmØ	24-25mmØ	24-25mmØ	24-25mmØ	16-25Ø / 8-20Ø	16-25Ø / 8-20Ø	16-25Ø / 8-20Ø	24-25mmØ	24-25mmØ	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø
TIES	A	A	A	A	A	A	A	A	A	A	A	A
FOUNDATION TO GROUND FLOOR												
DIMENSIONS	500x700	500 x700	500x700	500x700	500x700	500x700	500x700	500x700	500x700	500x700	450x650	450x650
VERTICAL BARS	24-25mmØ	24-25mmØ	24-25mmØ	24-25mmØ	24-25mmØ	20-25Ø / 4-20Ø	20-25Ø / 4-20Ø	20-25Ø / 4-20Ø	24-25mmØ	24-25mmØ	20-25mmØ/4-20Ø	20-25mmØ/4-20Ø
TIES	1	1	1	1	1	1	1	1	1	1	1	1

TYPICAL COLUMN REINFORCEMENT ELEVATION



TYPICAL TRANSVERSE REINF. IN COLUMN



LINK TYPES :

- 1 - 6 SETS 12mmØ, 1Ø50, rest @ 100mmoc
- A - 6 SETS 12mmØ, 1Ø50 12Ø100 rest @ 150mmoc
- B - 6 SETS Ties, 12mmØ, 1Ø50, 12Ø100 REST @ 200mm OC
- C - 4 SETS 12mmØ Ties, 1Ø50 12Ø100 rest @ 200mmoc

1 COLUMN SCHEDULE
 SCALE: NTS

NOTES:
 PROVIDE 20mm Concrete Cover for A-ELC1

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106
 TEL. NOS. 43-7009, 43-3022-04 FAX NOS. 927-6608, 43-7214

ENGINEER:
ARNEL NIXON D. TAÑAZANA
 STRUCTURAL ENGINEER
 PRC No. 0076960 Validity: 04-14-2023
 PTR No. 8676828 Date: 01-07-2021
 Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

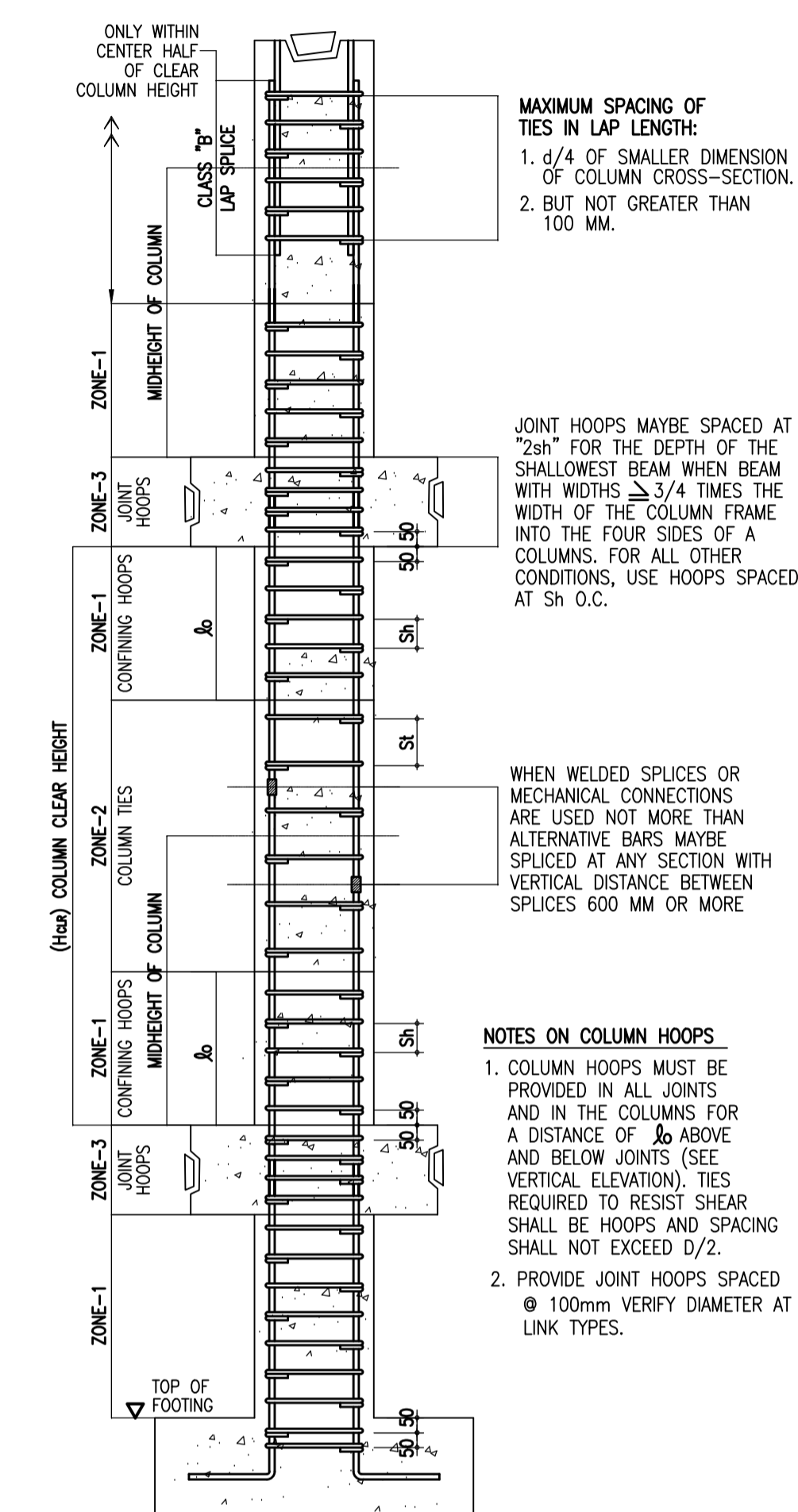
SHEET CONTENTS:
 COLUMN SCHEDULE

SHEET NO.:

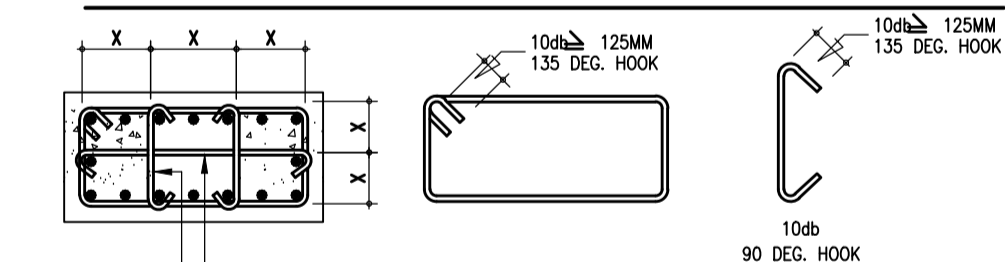
SCHEDULE OF COLUMN

LEVEL	C14	C15	C16	C17	C18	C19	C20	C21	STC1
ROOFDECK TO ROOFSLAB									
DIMENSIONS		300x600	300x600						
VERTICAL BARS		12-20mmØ	12-20mmØ						
TIES		C	C						
THIRD TO ROOFDECK									
DIMENSIONS	350x600	350x600	350x600	350x600	350x600	350x600	350x600	350x600	250X400
VERTICAL BARS	16-25Ø/8-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	4-20Ø / 8-16mmØ
TIES	B	B	B	B	B	B	B	B	D
SECOND TO THIRD FLOOR									
DIMENSIONS	450x650	350x600	350x600	400x650	400x650	350x600	350x600	350x600	250X400
VERTICAL BARS	16-25Ø/8-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	16-25Ø/8-20Ø	16-25Ø/8-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	8-25mmØ/12-20Ø	4-20Ø / 8-16mmØ
TIES	B	B	B	B	B	B	B	B	D
GROUND FLOOR TO SECOND FLOOR									
DIMENSIONS	500x700	450x650	450x650	500x700	500x700	450x650	450x650	450x650	250X400
VERTICAL BARS	20-25mmØ/4-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	16-25Ø/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	12-25mmØ/8-20Ø	4-20Ø / 8-16mmØ
TIES	A	A	A	A	A	A	A	A	D
FOUNDATION TO GROUND FLOOR									
DIMENSIONS	450x650	500x700	500x700	500x700	450x650	500x700	500x700	500x700	250X400
VERTICAL BARS	20-25mmØ/4-20Ø	16-25Ø / 8-20Ø	16-25Ø / 8-20Ø	12-25mmØ/8-20Ø	16-25Ø/8-20Ø	16-25Ø / 8-20Ø	16-25Ø / 8-20Ø	16-25Ø / 8-20Ø	4-20Ø / 8-16mmØ
TIES	1	1	1	1	1	1	1	1	D

TYPICAL COLUMN REINFORCEMENT ELEVATION



TYPICAL TRANSVERSE REINF. IN COLUMN



CONSECUTIVE CROSSIES MUST MAKE THEIR 90 DEG. HOOK ON OPPOSITE SIDES OF COLUMNS (HORIZONTAL AND VERTICAL INSTALLATION)

NOTES:
 PROVIDE 20mm Concrete Cover for A-ELC1


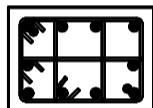
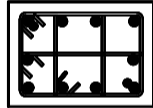
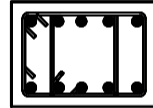
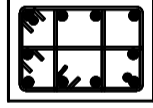
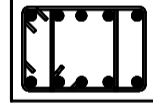
LINK TYPES :

- 1 - 6 SETS 12mmØ, 1Ø50, rest @ 100mmoc
- A - 6 SETS 12mmØ, 1Ø50 12Ø100 rest @ 150mmoc
- B - 6 SETS Ties, 12mmØ, 1Ø50, 12Ø100 REST @ 200mm OC
- C - 4 SETS 12mmØ Ties, 1Ø50 12Ø100 rest @ 200mmoc
- D - 2 SETS 10mmØ Ties, 1Ø50 8Ø100 rest @ 200mmoc

1 COLUMN SCHEDULE
 SCALE: NTS

<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>ENGINEER:</p> <p>ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER</p> <p>PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067</p>	<p>REPUBLIC ACT 9266</p> <p>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II</p> <p>LOCATION: Brgy. Rizal, Odiongan, Romblon</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>COLUMN SCHEDULE</p>	<p>SHEET NO:</p> <p>S 14 35</p>
---	--	---	---	---	---	--	---	---

SCHEDULE OF COLUMN

LEVEL	STC1	STC2
ROOFDECK TO ROOFSLAB		
DIMENSIONS		
VERTICAL BARS		
TIES		
THIRD TO ROOFDECK		
DIMENSIONS	250X400	
VERTICAL BARS	4-20Ø / 8-16mmØ	
TIES	D	
SECOND TO THIRD FLOOR		
DIMENSIONS	250X400	
VERTICAL BARS	4-20Ø / 8-16mmØ	
TIES	D	
GROUND FLOOR TO SECOND FLOOR		
DIMENSIONS	250X400	200X450
VERTICAL BARS	4-20Ø / 8-16mmØ	10-16mmØ
TIES	D	D
FOUNDATION TO GROUND FLOOR		
DIMENSIONS	250X400	200X450
VERTICAL BARS	4-20Ø / 8-16mmØ	10-16mmØ
TIES	D	D

LINK TYPES :

- 1 - 6 SETS 12mmØ, 1Ø50, rest @ 100mmoc
- A - 6 SETS 12mmØ, 1Ø50 12Ø100 rest @ 150mmoc
- B - 6 SETS Ties, 12mmØ, 1Ø50, 12Ø100 REST @ 200mm OC
- C - 4 SETS 12mmØ Ties, 1Ø50 12Ø100 rest @ 200mmoc
- D - 2 SETS 10mmØ Ties, 1Ø50 8Ø100 rest @ 200mmoc

1 COLUMN SCHEDULE
SCALE: _____ NTS


ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVE., LOYOLA HEIGHTS,
QUEZON CITY, 1106
TEL. NOS. 43-7009,
43-3022-04
FAX NOS. 927-6606,
43-7214

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

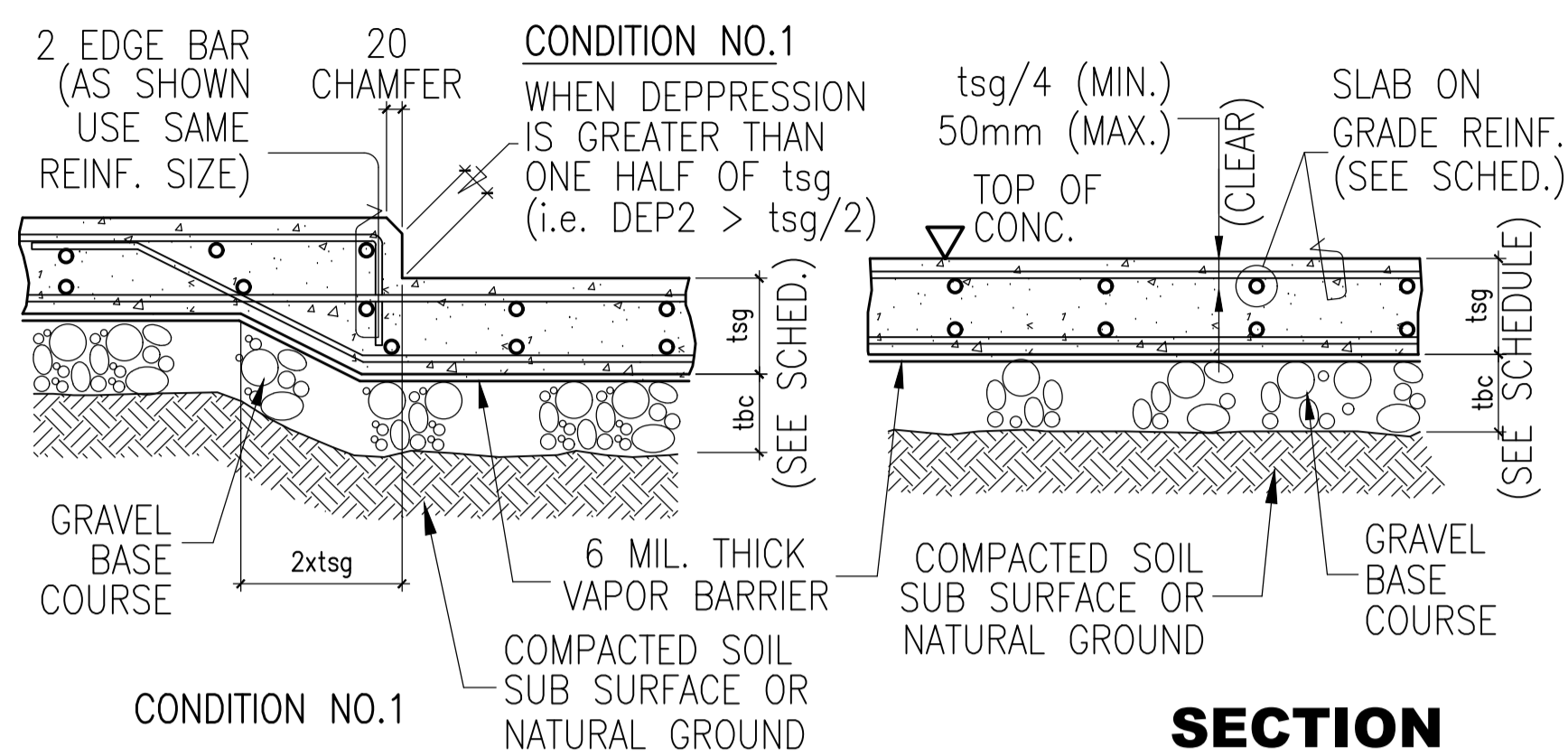
REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

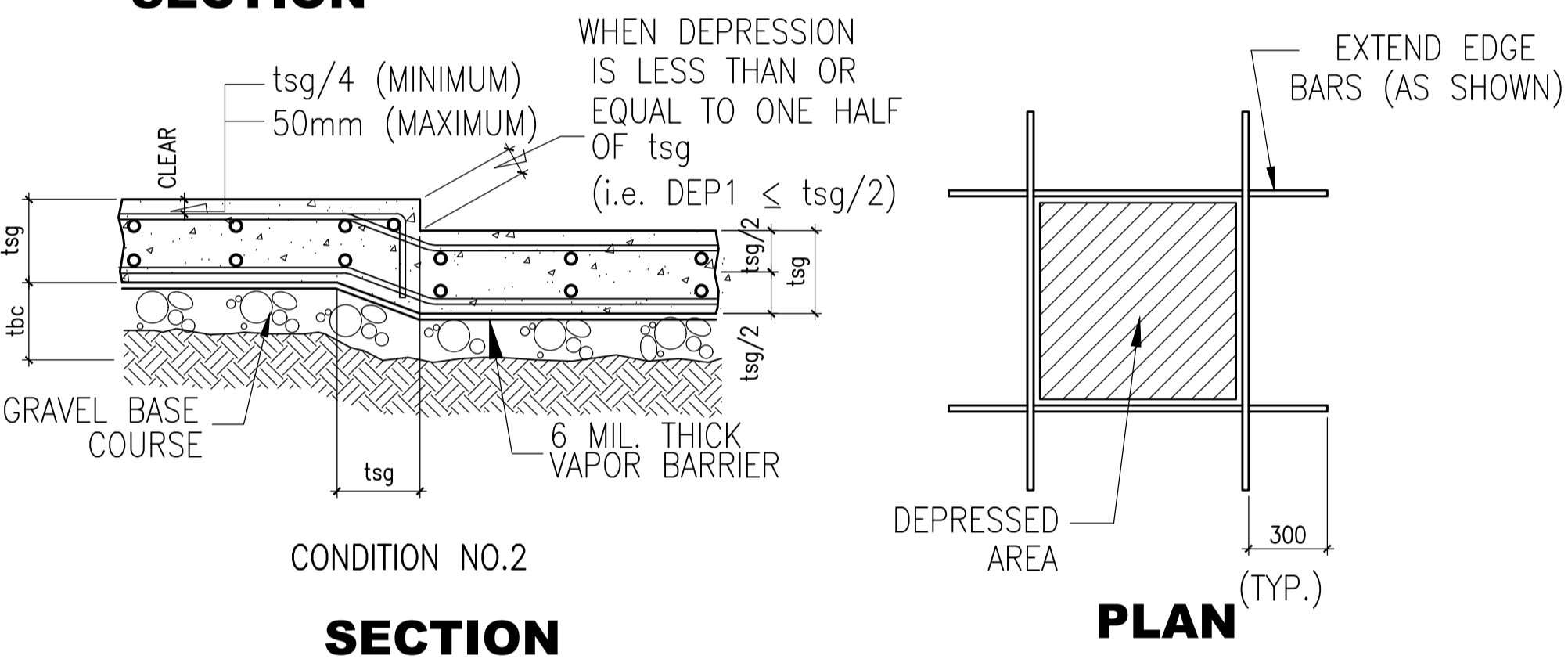
PROJECT:	PROPOSED ACADEMIC BUILDING II
DESIGNED FOR:	 REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
LOCATION:	Brgy. Rizal, Odiongan, Romblon

RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR

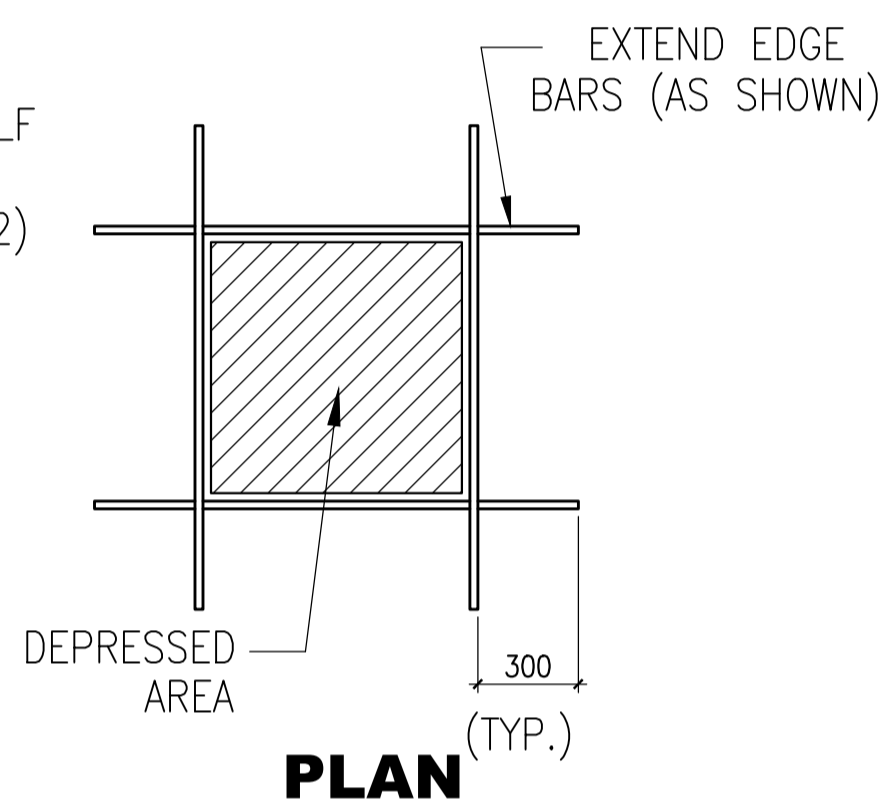
SHEET CONTENTS:	COLUMN SCHEDULE
SHEET NO.:	S 14a 35



SECTION



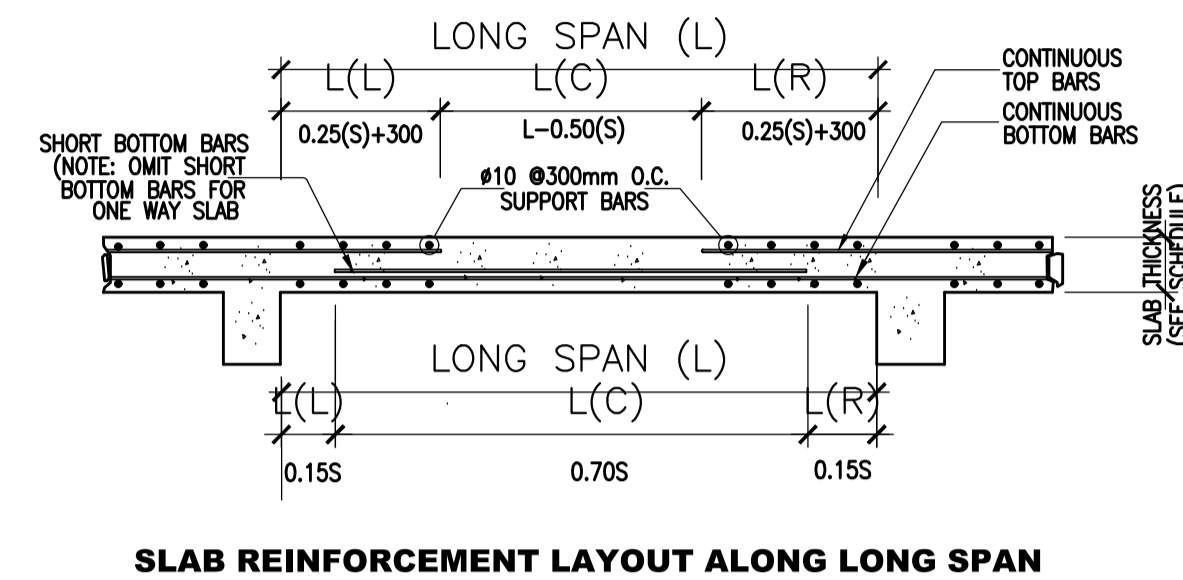
SECTION



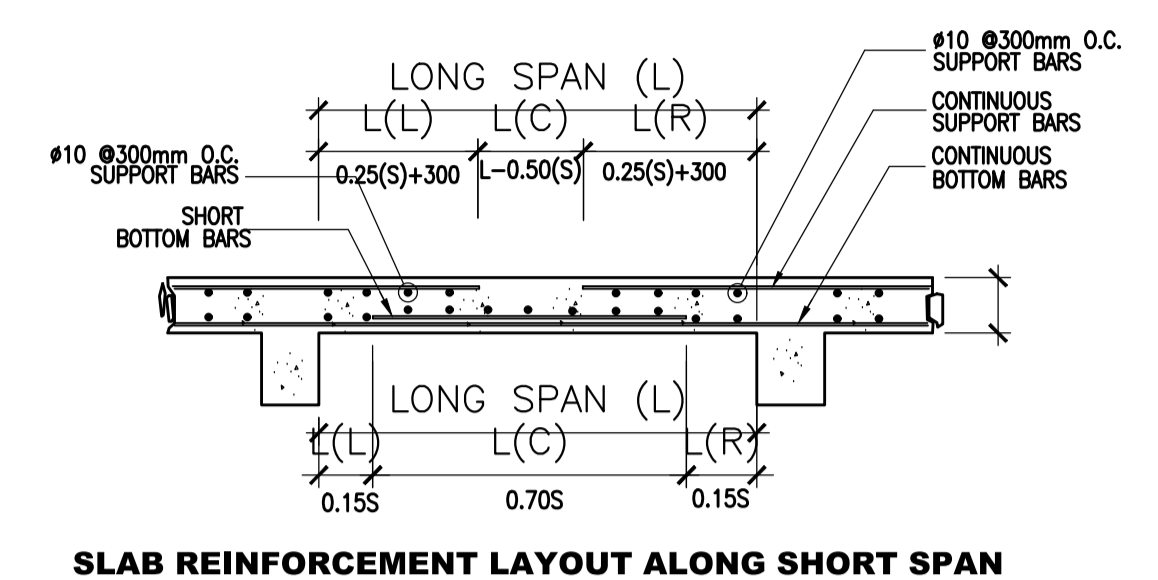
PLAN

NOTES:
 1. SEE PLAN FOR LOCATION OF DEPRESSION.
 2. FOR DEPRESSION LESS THAN 1/2 (tsg). OMIT ADDITIONAL EDGE BARS.

LOCATION	SLAB ON GRADE THK. (mm)	LOC. OF BAR	REINFORCEMENTS Asog	THICKNESS OF BASE COURSE tbc(mm)
BSS1	200	TOP	Ø12 @200mmOC	100
		BOT	Ø12 @200mmOC	



SLAB REINFORCEMENT LAYOUT ALONG LONG SPAN



SLAB REINFORCEMENT LAYOUT ALONG SHORT SPAN

MARK	THICKNESS (mm)	DIAMETER (mm)	REINFORCEMENTS												REMARKS
			SHORT SPAN						LONG SPAN						
			CONTINUOUS		DISCONTINUOUS		MIDSPAN		CONTINUOUS		DISCONTINUOUS		MIDSPAN		
TOP	BOT	TOP	BOT	TOP	BOT	TOP	BOT	TOP	BOT	TOP	BOT				
BASEMENT FLOOR SLAB															
BSS1	200	12	200	200	200	200	200	200	200	200	200	200	200	200	SLAB ON GRADE
GROUND FLOOR SLAB															
GS1	100	12	150	600	150	600		200	200	10mmØ @ 300mm oc temp bars				ONE WAY	
GS2	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
GS3	100	12	150	600	150	600		200	200	10mmØ @ 300mm oc temp bars				ONE WAY	
GS4	100	12	150	600	150	600		200	200	10mmØ @ 300mm oc temp bars				ONE WAY	
GS5	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
GS6	200	12	200	200	200	200	200	200	200	200	200	200	200	200	SLAB ON GRADE
GSC1	125	12	150	600	150	600	200	150	200	600	200	600		200	TWO WAY
SECOND FLOOR SLAB															
2S1	100	12	150	600		600		200	200	10mmØ @ 300mm oc temp bars				ONE WAY	
2S2	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
2S3	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
2S4	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
2S5	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
2S6	100	12	150	600	150	600		200	200	600	200	600	600	200	TWO WAY
2CS1	125	12	150	600		600	200	150	200	600	200	600		200	TWO WAY
THIRD FLOOR SLAB															
3S1	100	12	150	600		600		200	200	10mmØ @ 300mm oc temp bars				ONE WAY	
3S2	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
3S3	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
3S4	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
3S5	100	12	150	600	150	600		200	200	600	200	600		200	TWO WAY
3S6	100	12	150	600	150	600		200	200	600	200	600	600	200	TWO WAY
3CS1	125	12	150	600	150	600	200	150	200	600	200	600	600	200	TWO WAY
ROOFDECK FLOOR SLAB															
RDS1	115	12	150	450	150	450	600	150	150	450	150	450	600	150	TWO WAY
RDS2	115	12	150	600		600	200			10mmØ @ 300mm oc temp bars				ONE WAY	
ROOFSLAB FLOOR SLAB															
RSS1	100	12	150	600	150	600	600	200	200	600	200	600	600	200	TWO WAY
RSS2	150	12	150	300	150	300	300	150	150	300	150	300	300	150	TWO WAY
RCS1	100	12	150	600	150	600	150	200	200	600	200	600	600	200	CANT/TWO WAY

LOWER GROUND FLOOR/BASEMENT SLAB

SCALE: NTS

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106
 431 3022 04 FAX NO'S: 927 1606; 425 7214
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:
ARNEL NIXON D. TAÑAZANA
 STRUCTURAL ENGINEER
 PRC No. 0076960 Validity: 04-14-2023
 PTR No. 8676828 Date: 01-07-2021
 Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

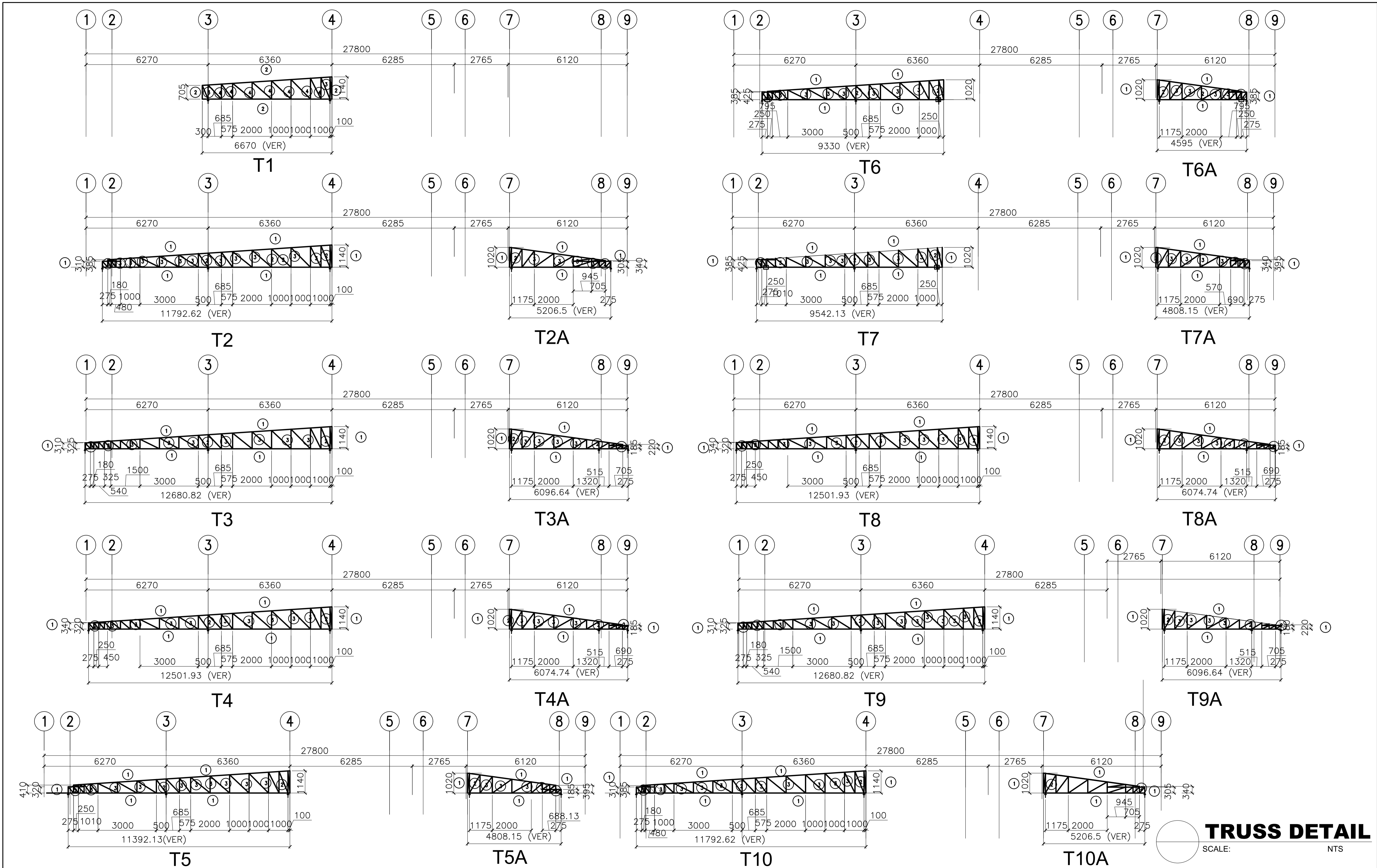
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

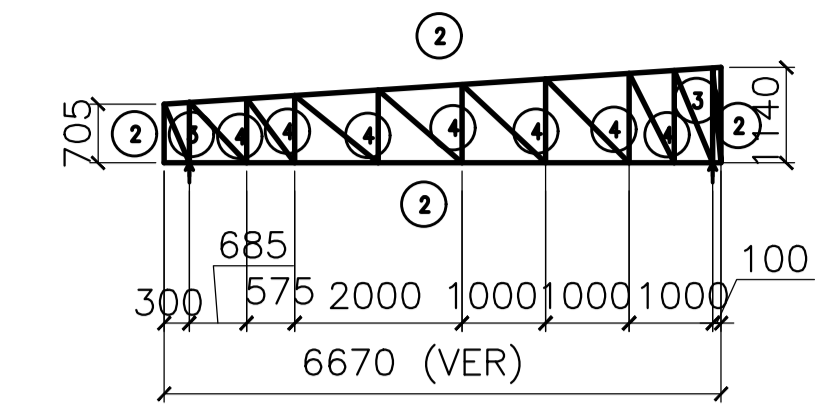
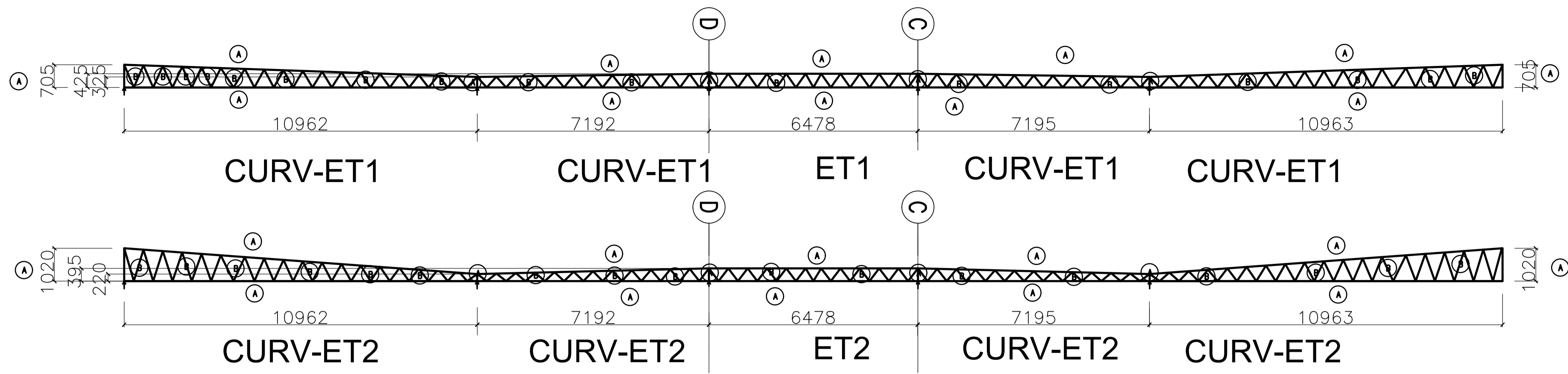
SHEET CONTENTS:
 SLAB SCHEDULE

SHEET NO:
S
 15 35



TRUSS DETAIL
SCALE: NTS

<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>ENGINEER:</p> <p>ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER</p>	<p>REPUBLIC ACT 9266</p> <p>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>TRUSS DETAILS CROSS BRACING</p>	<p>SHEET NO:</p> <p>S 18 35</p>
	<p>PRC No. 0076960 Validity: 04-14-2023</p> <p>PTR No. 8676828 Date: 01-07-2021</p> <p>Place: MARIKINA CITY TIN: 192-932-067</p>		<p>LOCATION: Brgy. Rizal, Odiongan, Romblon</p>					



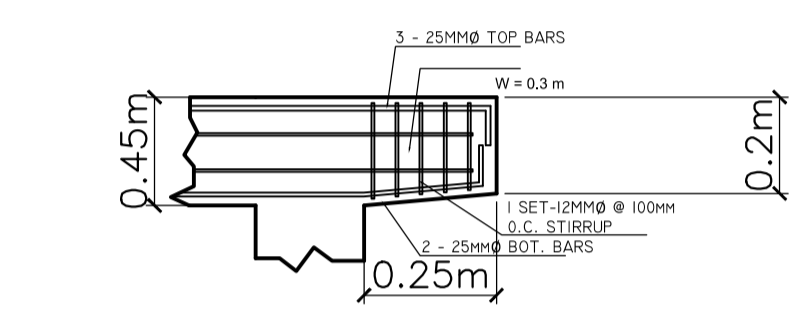
T11

TRUSS DETAIL

SCALE: NTS

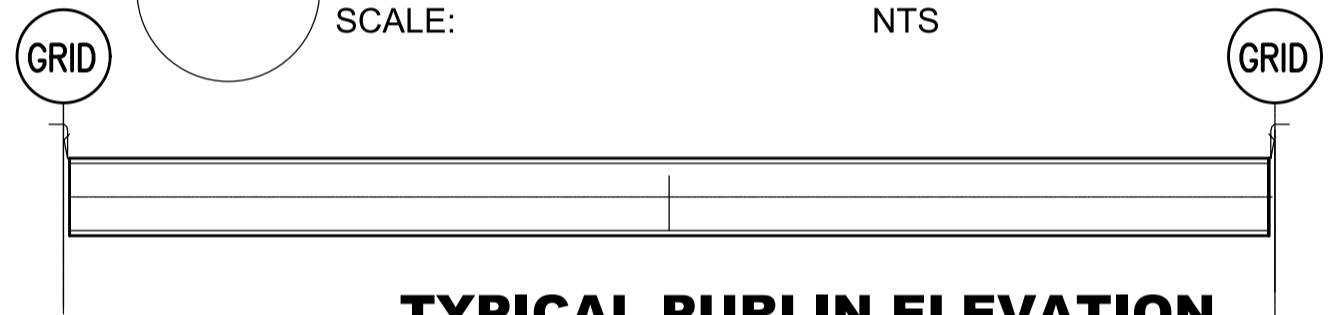
LEGEND:

- ① - 2L- 50mm x 50mm x 6mm
- ② - 2L- 45mm x 45mm x 6mm
- ③ - 2L- 38mm x 38mm x 6mm
- ④ - 2L- 32mm x 32mm x 6mm
- Ⓐ - 1L- 50mm x 50mm x 6mm
- Ⓑ - 1L- 45mm x 45mm x 6mm

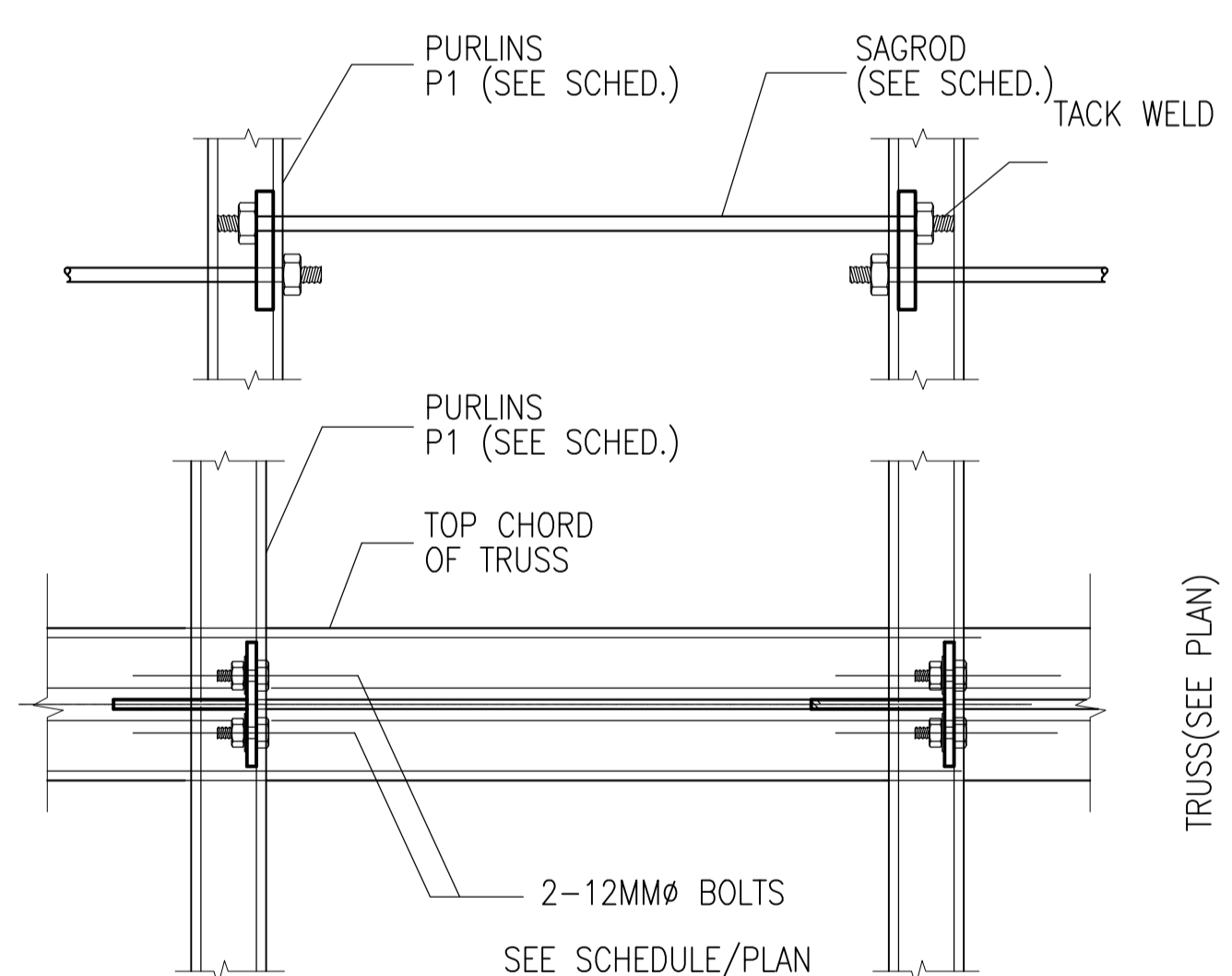


CORBEL DETAILS

SCALE: NTS



TYPICAL PURLIN ELEVATION

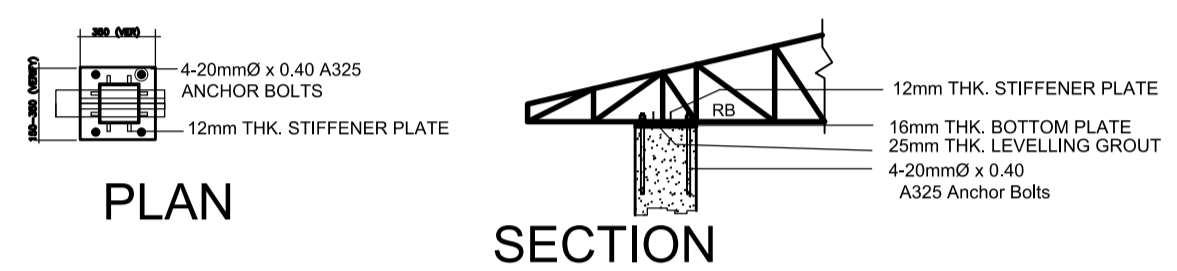


PLAN



SAGROD DETAIL

SCALE: NTS



BASEPLATES & ANCHOR BOLTS DET

SCALE: NTS

DEFINITION:
 D = DEPTH OF MEMBER
 bf = WIDTH OF MEMBER
 Lp = LIP OF MEMBER
 tp = THICKNESS OF MEMBER
 HPClip = HEIGHT OF CLIP SUPPORT

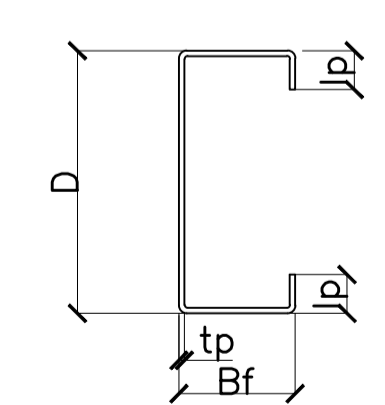
NOTES ON JOINT

- DETAIL SHOWN IS FOR INDEPENDENT BRACING. ADJUST GUSSET PLATE TO ACCOMODATE OTHER INTERSECTING STRUCTURAL MEMBERS. VERIFY BOTTOM CHORD STRUT TO MAIN TRUSS CONNECTION, SUB-TRUSS TO MAIN TRUSS CONNECTION ETC. IF ANY.
- ONE SIDED CONNECTION IS SHOWN, TWO SIDED CONNECTION IS SIMILAR.

MARK	BRACING DIAMETER dbr (mm)	GUSSET PLATE		
		THICK tg (mm)	WELD LEG "a" (mm)	WELD LEG "b" (mm)
XB1	16	10	6	6



ELEVATION

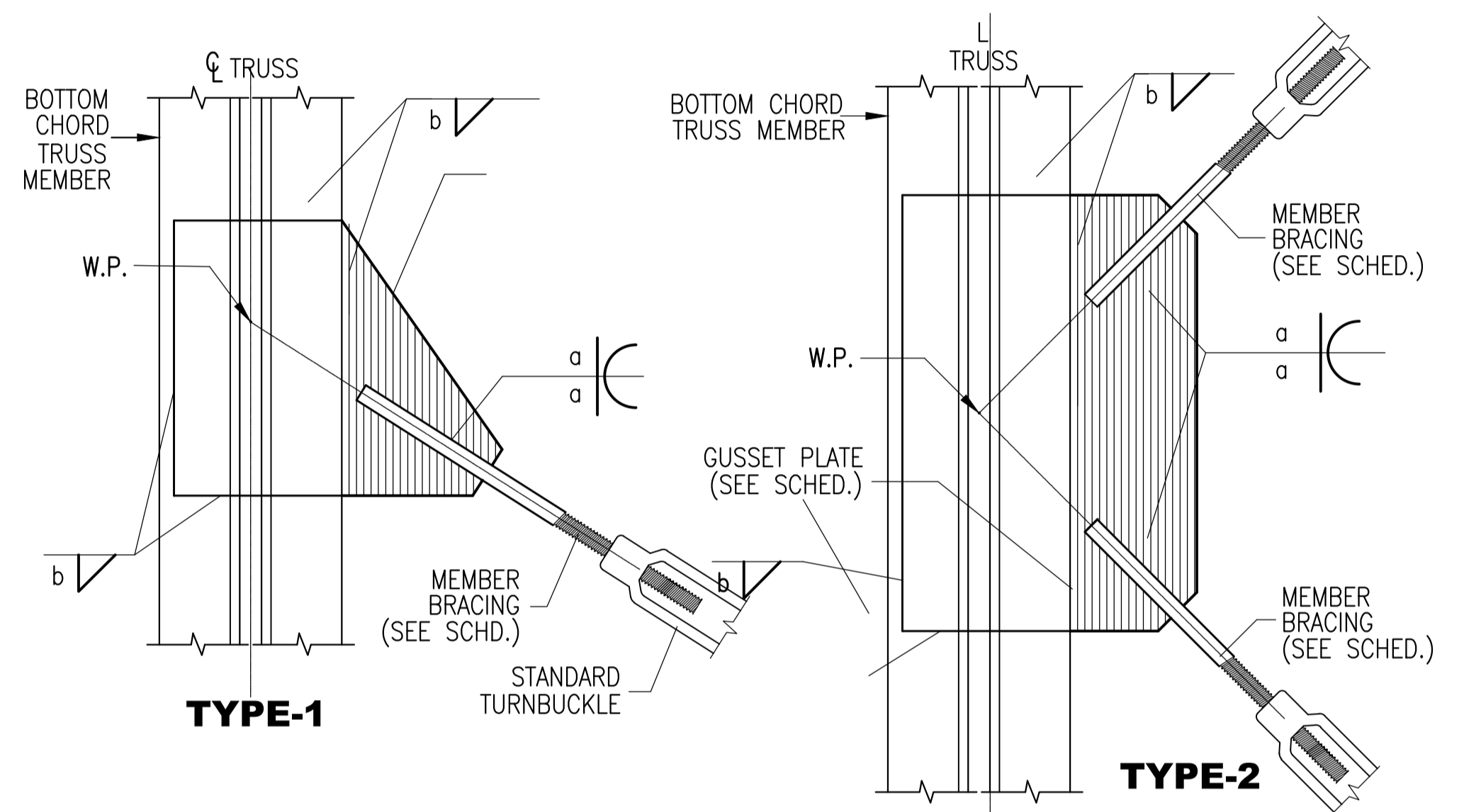


SECTION

MEMBER MARK	MAT'L	PURLIN PROPERTIES				MEMBER SPACING (mm)	SUPPORT	
		DIMENSIONS					BOLT DIAM. (mm)	NO. OF BOLTS
		D(mm)	bf(mm)	Lp(mm)	tp(mm)			
P1	A36	175	50	12	1.50	1000	12	2.0

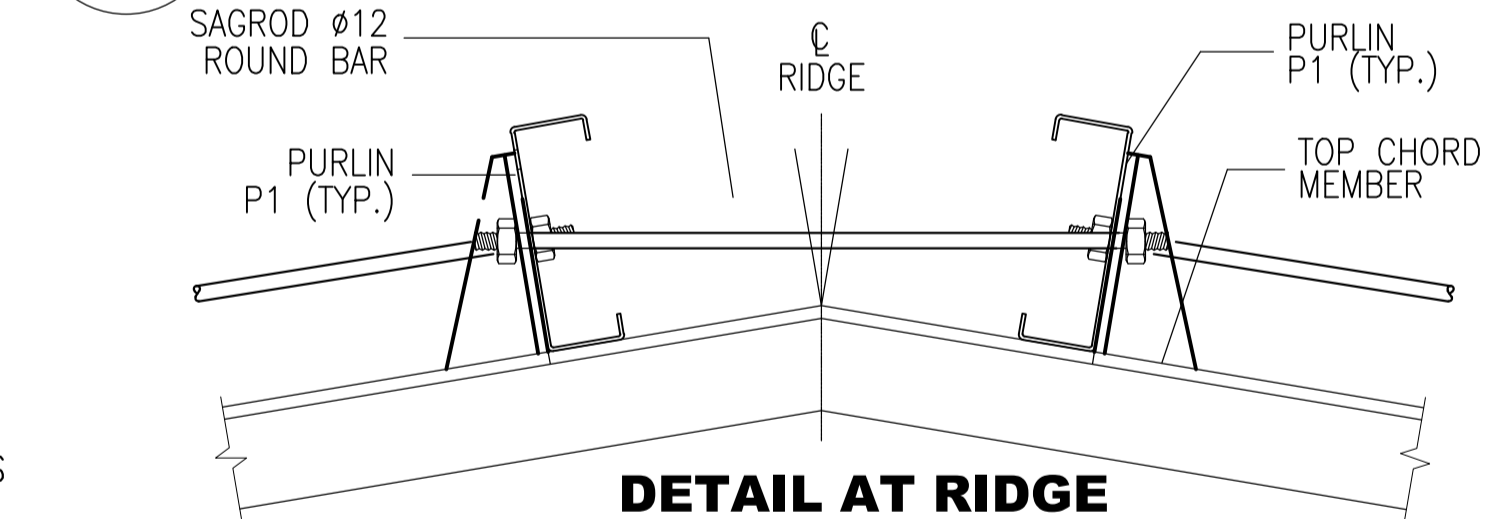
PURLIN SCHEDULE

SCALE: NTS

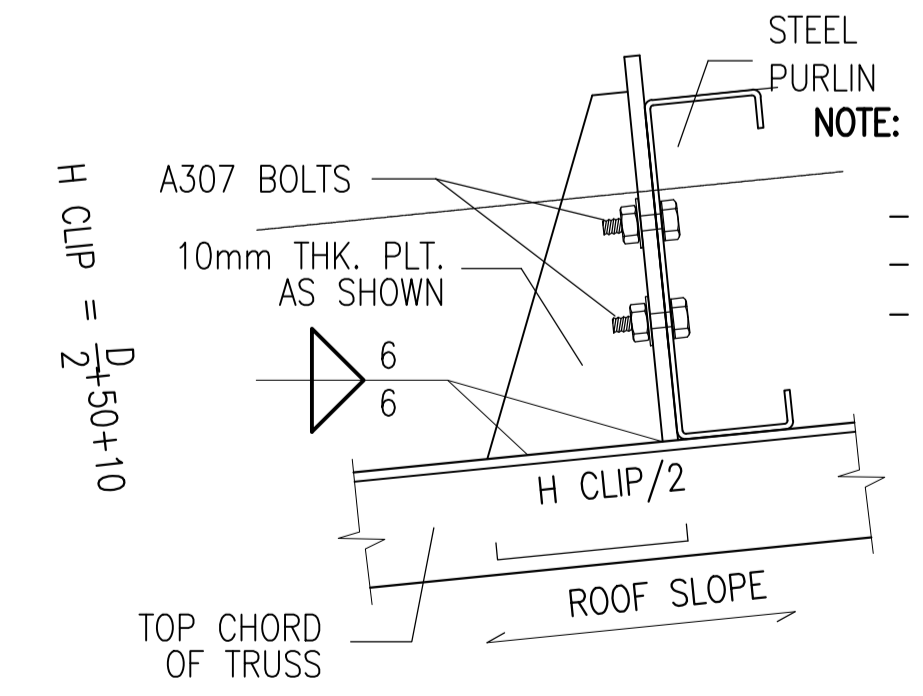


CROSS BRACING DETAIL

SCALE: NTS



DETAIL AT RIDGE



NOTE:

- PROVIDE 9mm thk Gusset Plate for Trusses
- SUBMIT Shop Drawings before fabrication for approval
- VERIFY actual dimensions before fabrication

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LUVUVA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009;
 43-3022-04
 FAX NOS. 927-1606;
 43-7214

ENGINEER:
ARNEL NIXON D. TAÑAZANA
 STRUCTURAL ENGINEER

PRC No. 0076960 Validity: 04-14-2023
 PTR No. 8676828 Date: 01-07-2021
 Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

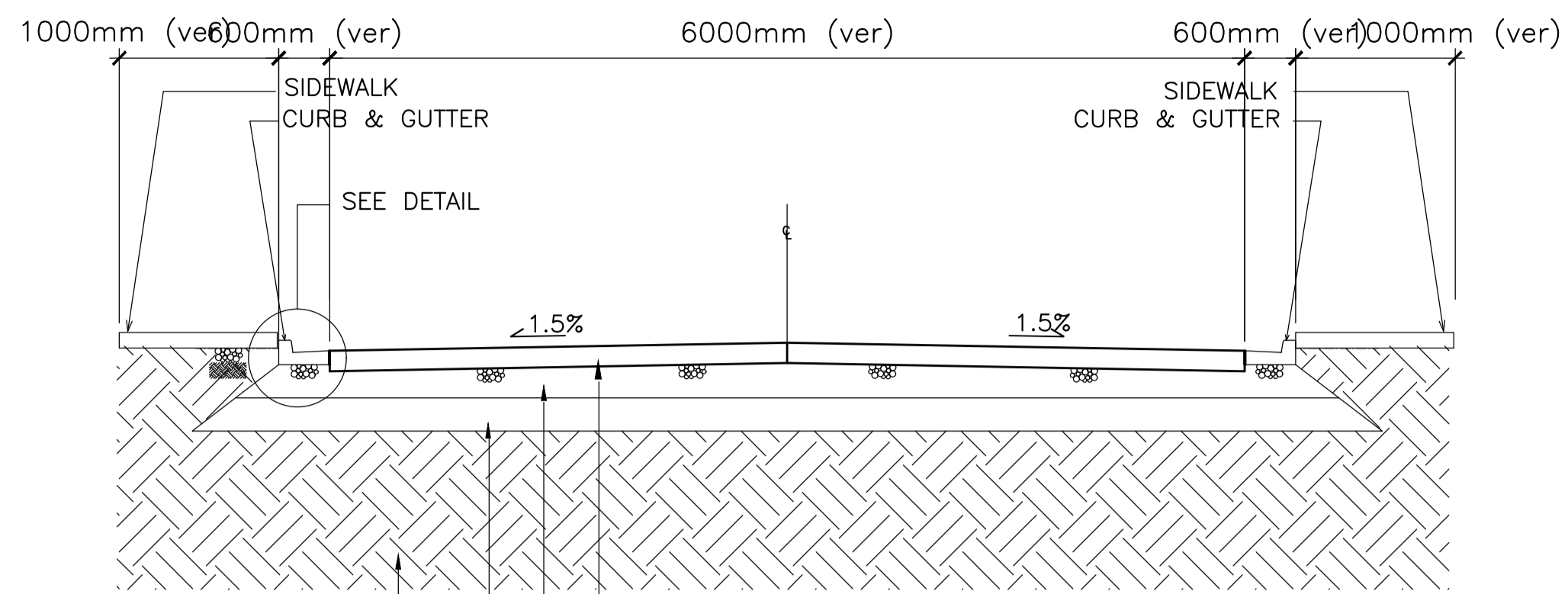
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 TRUSS DETAILS
 CROSS BRACING

SHEET NO:
S
 19 35



1000mm (ver) 6000mm (ver) 600mm (ver) 1000mm (ver)

SIDEWALK CURB & GUTTER

SEE DETAIL

1.5%

1.5%

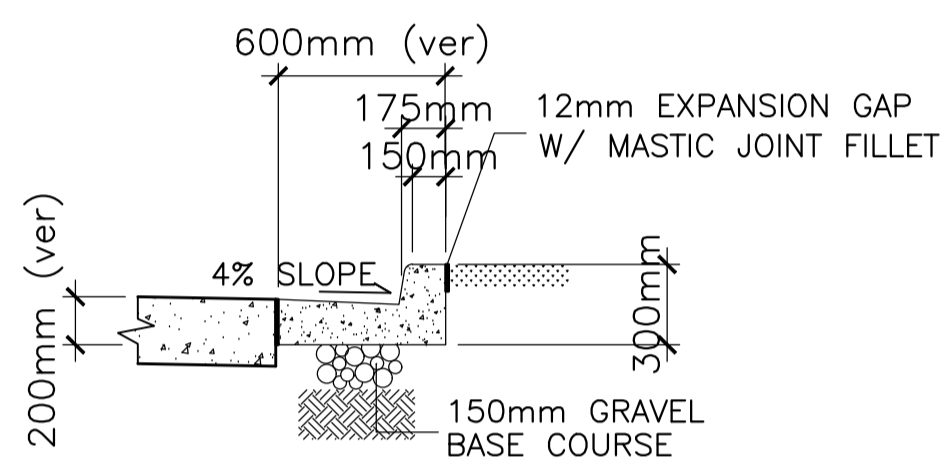
300mm THICK CONCRETE PAVEMENT

100mm thk BASE COARSE

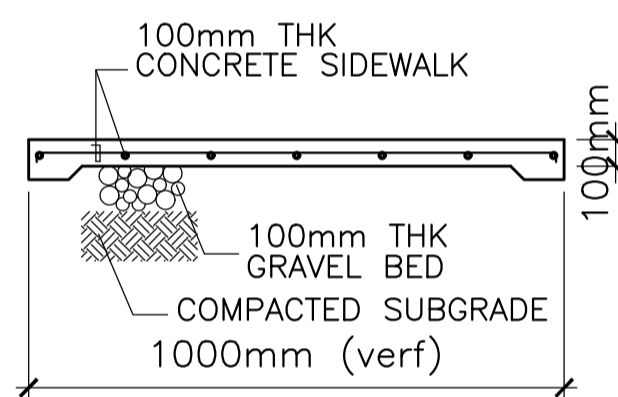
150mm THICK GRAVEL SUBBASE COMPACTED TO 95% MDD BASED ON ASTM D-689

COMPACTED SUB-GRADE (CBR 7%) COMPACTED TO 95% MDD BASED ON ASTM D-689

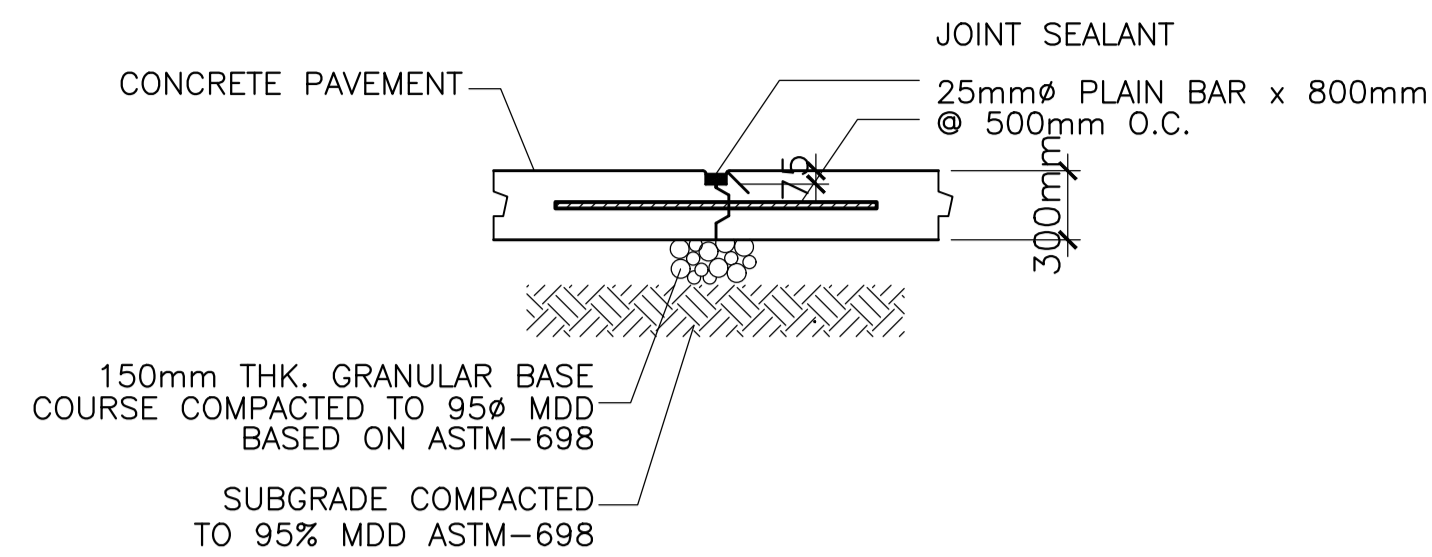
ROADWAY DETAIL
SCALE: NTS



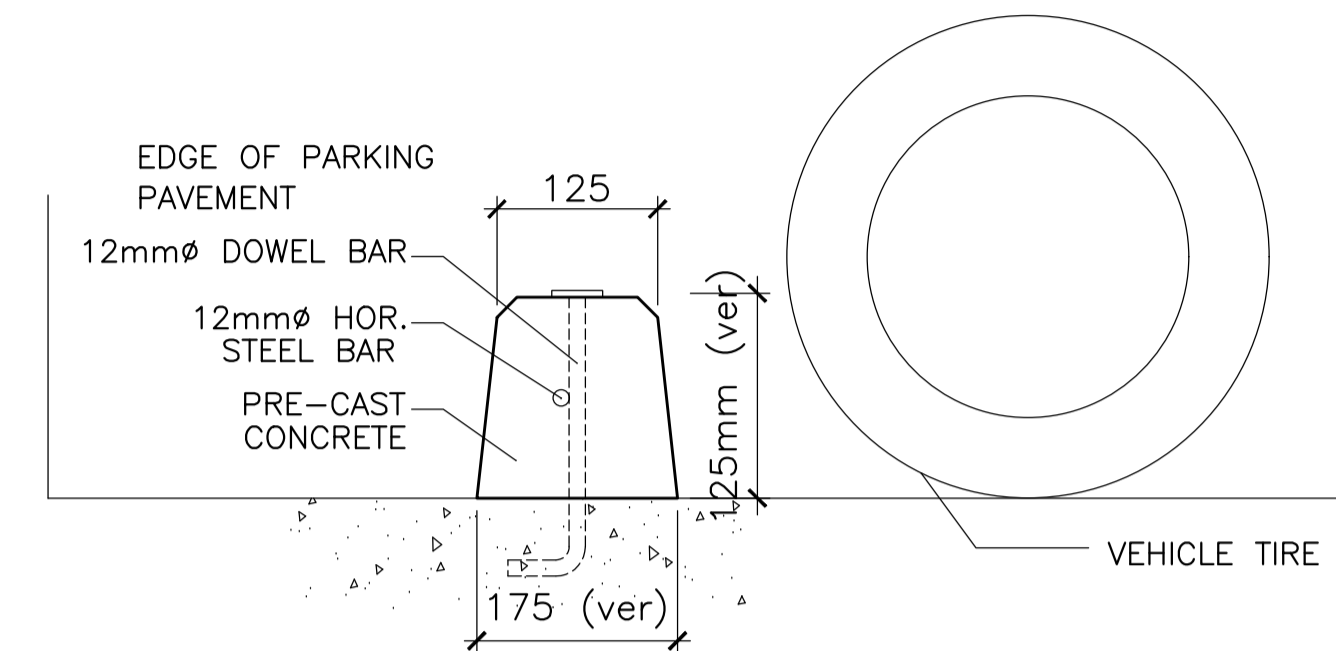
CURB & GUTTER DETAIL
SCALE: NTS



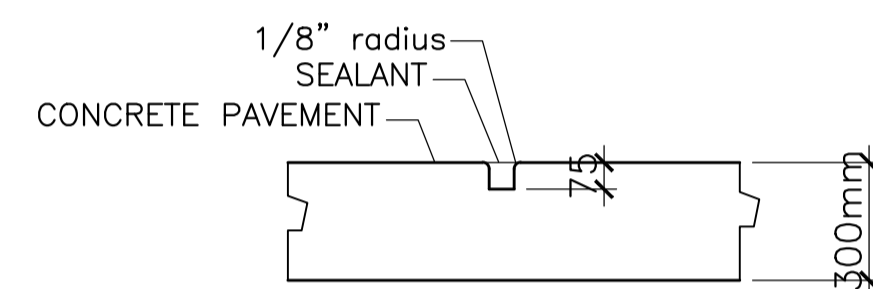
SIDEWALK DETAIL
SCALE: NTS



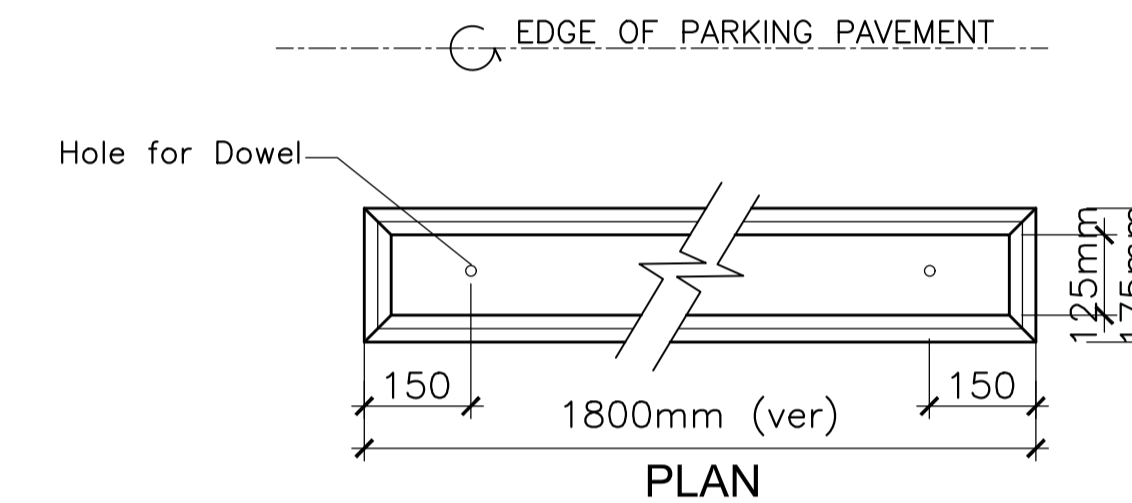
CONSTRUCTION JOINT
SCALE: NTS



SECTION



TRANSVERSE CONTRACTION JOINT
SCALE: NTS



PLAN

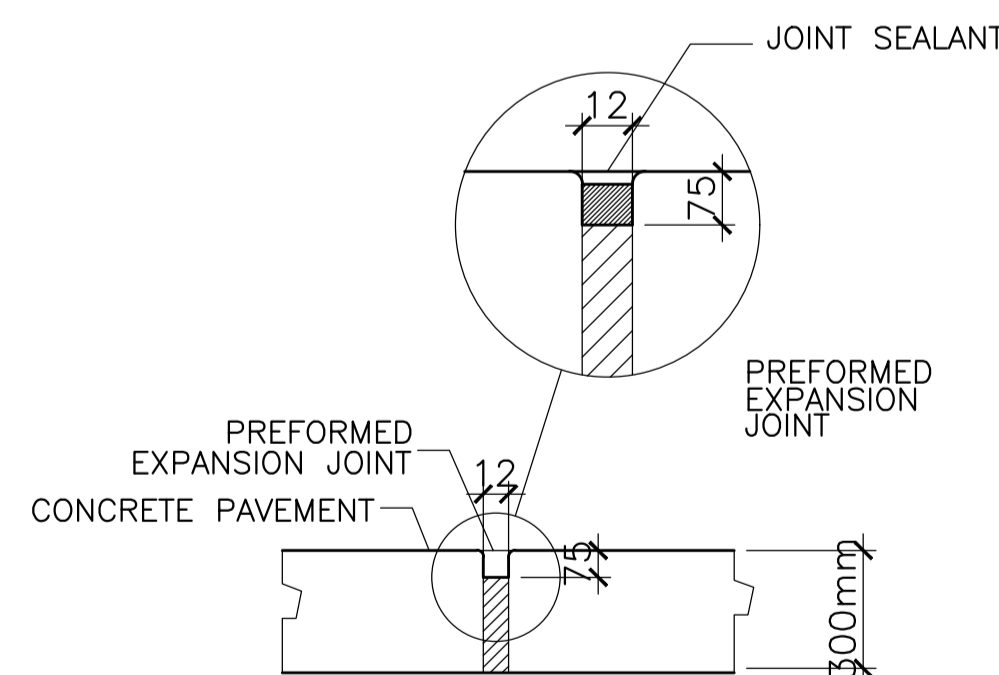
NOTES:

- PROVIDES CONSTRUCTION JOINT @ 3000mm MAXIMUM INTERVAL EXCEPT WHERE EXPANSION JOINT OCCUR, BUT NO SECTION SHALL BE LESS THAN 1200mm LONG.
- PROVIDES EXPANSION JOINTS AT ALL CURB RETURNS AND @ 1500mm MAXIMUM INTERVAL BETWEEN RETURNS.

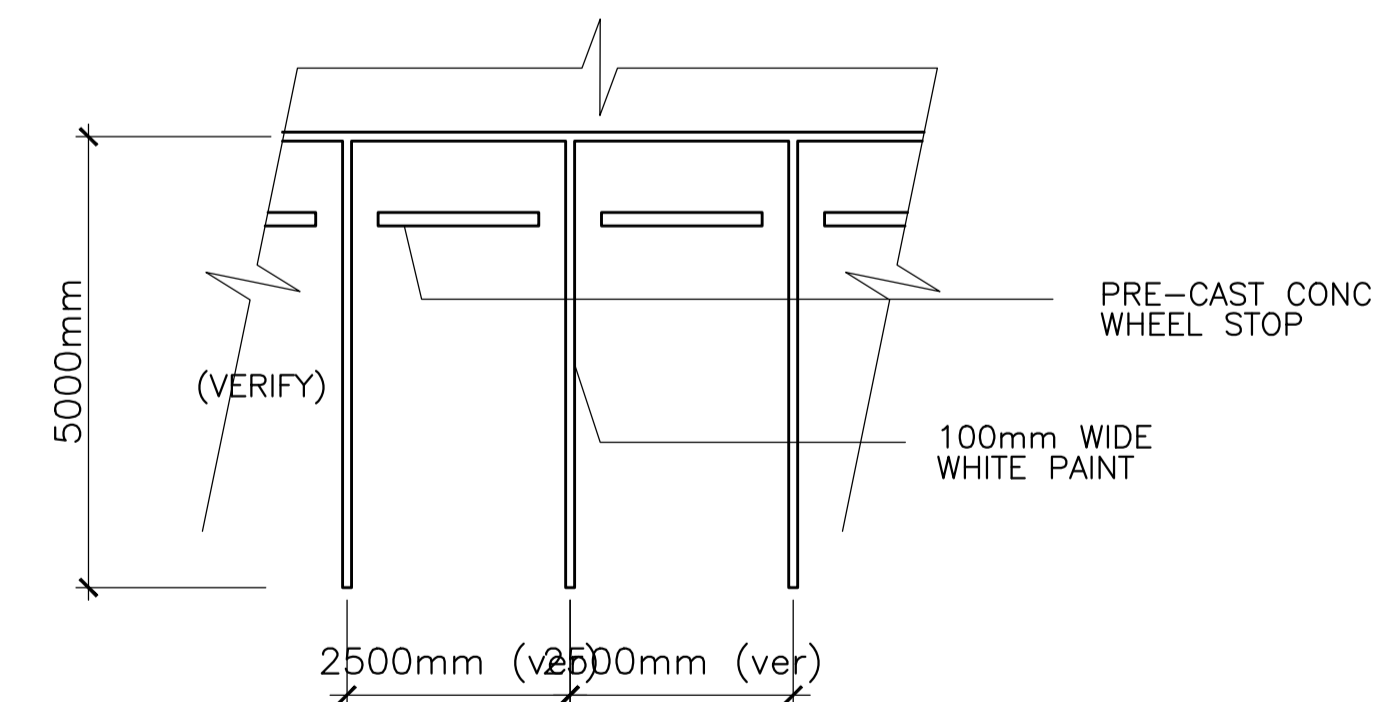
LOCATION	SLAB THICKNESS (T)
ROADWAY	300mm
PARKING FOR LIGHT VEHICLES	175mm
PARKING FOR DELIVERY TRUCKS	250mm
SIDEWALK	100mm

PRECAST WHEEL STOP
SCALE: NTS

MATERIALS	SPECIFICATIONS	TESTING
PLAIN CONCRETE PAVEMENT	fc' = 4000 psi (27.60 Mpa) MAXIMUM WATER CEMENT RATIO = 0.42 SLUMP RANGE = 50 TO 100mm	Q.C.: 1 SET OF 5 CYLINDER EACH, MINIMUM, FOR EACH DAY OF POUR OR 12 CU. M.
SUBBASE	GRANULAR SUBBASE CONFORMING TO ASTM D1241 TYPE 1 COMPACT TO 95% MDD BASED ON ASTM D1557	FDT TEST FOR EVERY 400 SQ. M.
IMPROVED SUBGRADE	COMPACT MINIMUM OF 300mm OF EXISTING SUBGRADE TO 95% MDD BASED ON ASTM D1557 AFTER REMOVAL OF TOP SOIL AND ORGANIC MATERIALS	FDT TEST FOR EVERY 400 SQ. M.
PLAIN DOWEL 25mmØ	Fy = 60,000 psi (414 Mpa)	TENSION AND BEND TEST ON SAMPLE ASTM A370



EXPANSION JOINT
SCALE: NTS



PARKING LAYOUT
SCALE: NTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVE., LUVUVA HEIGHTS
QUEZON CITY, 3106
TEL. NOS. 43-7009;
43-3022-04
FAX NOS. 327-1606;
43-7214

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:

ARNEL NIXON D. TAÑAZANA
STRUCTURAL ENGINEER

PRC No. 0076960 Validity: 04-14-2023
PTR No. 8676828 Date: 01-07-2021
Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

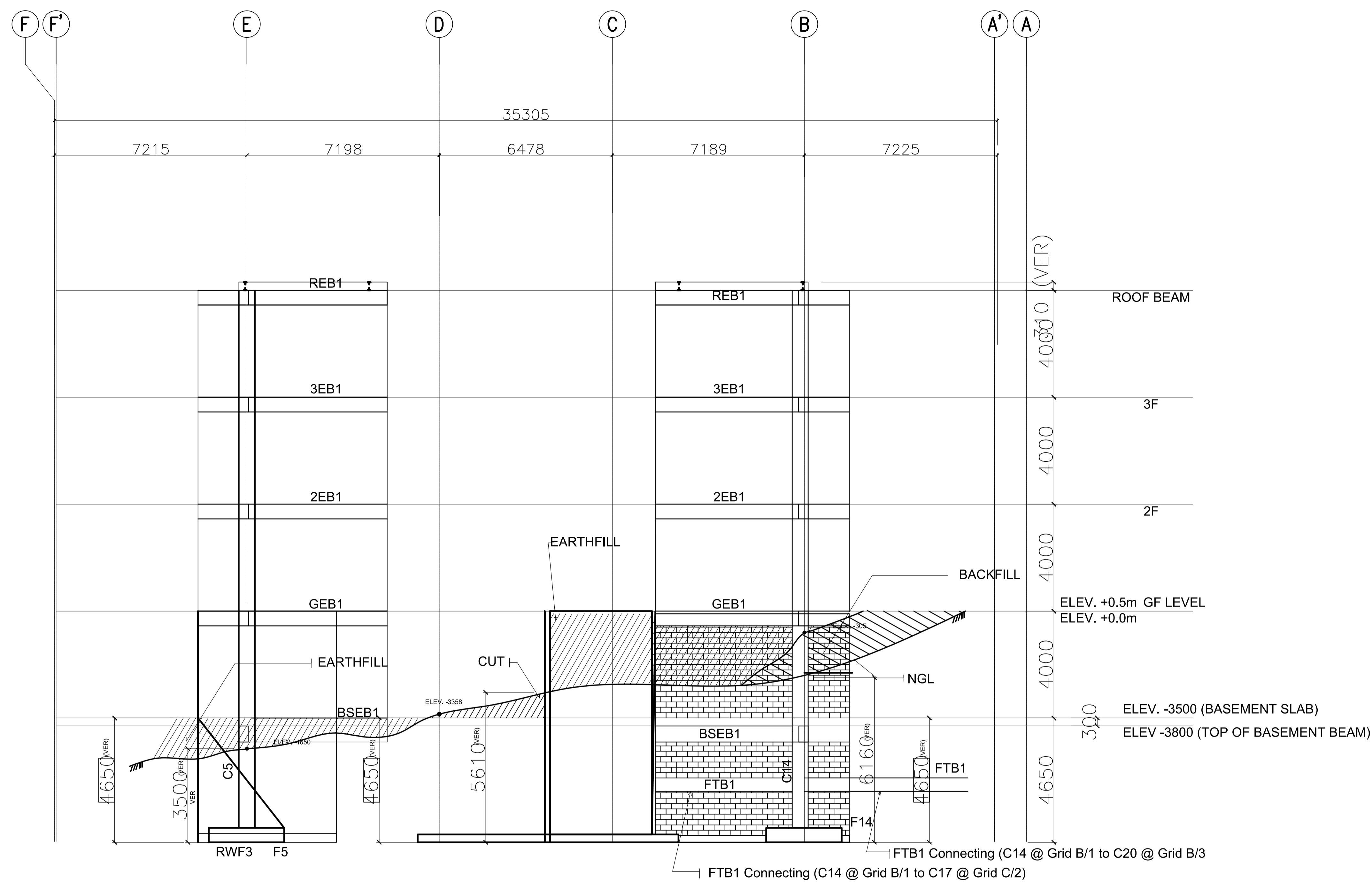
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

ROADWAY
SIDEWALK
CURB & GUTTER
CONTRACTION JOINT
EXPANSION JOINT

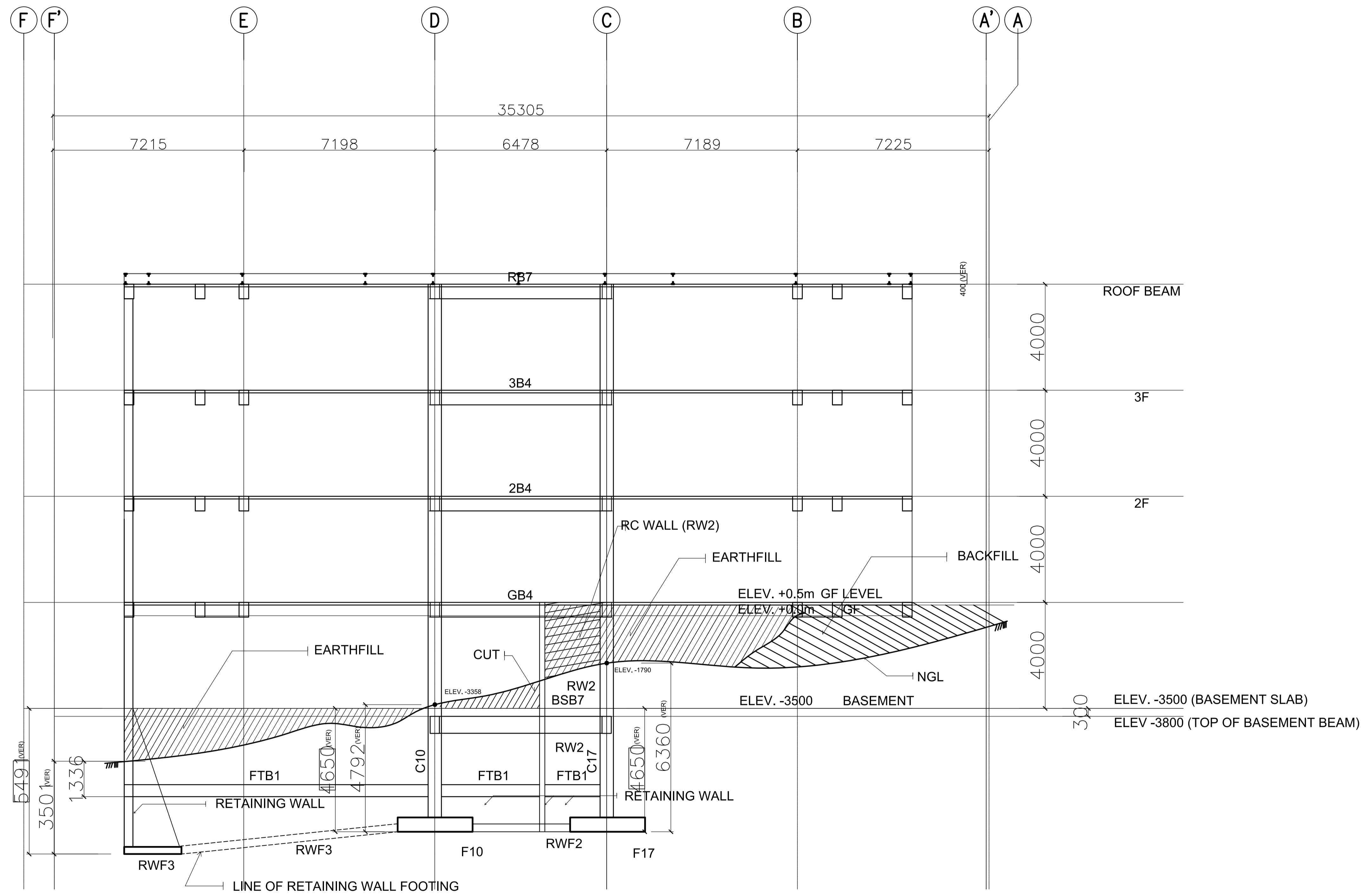
SHEET NO:

S
20 35



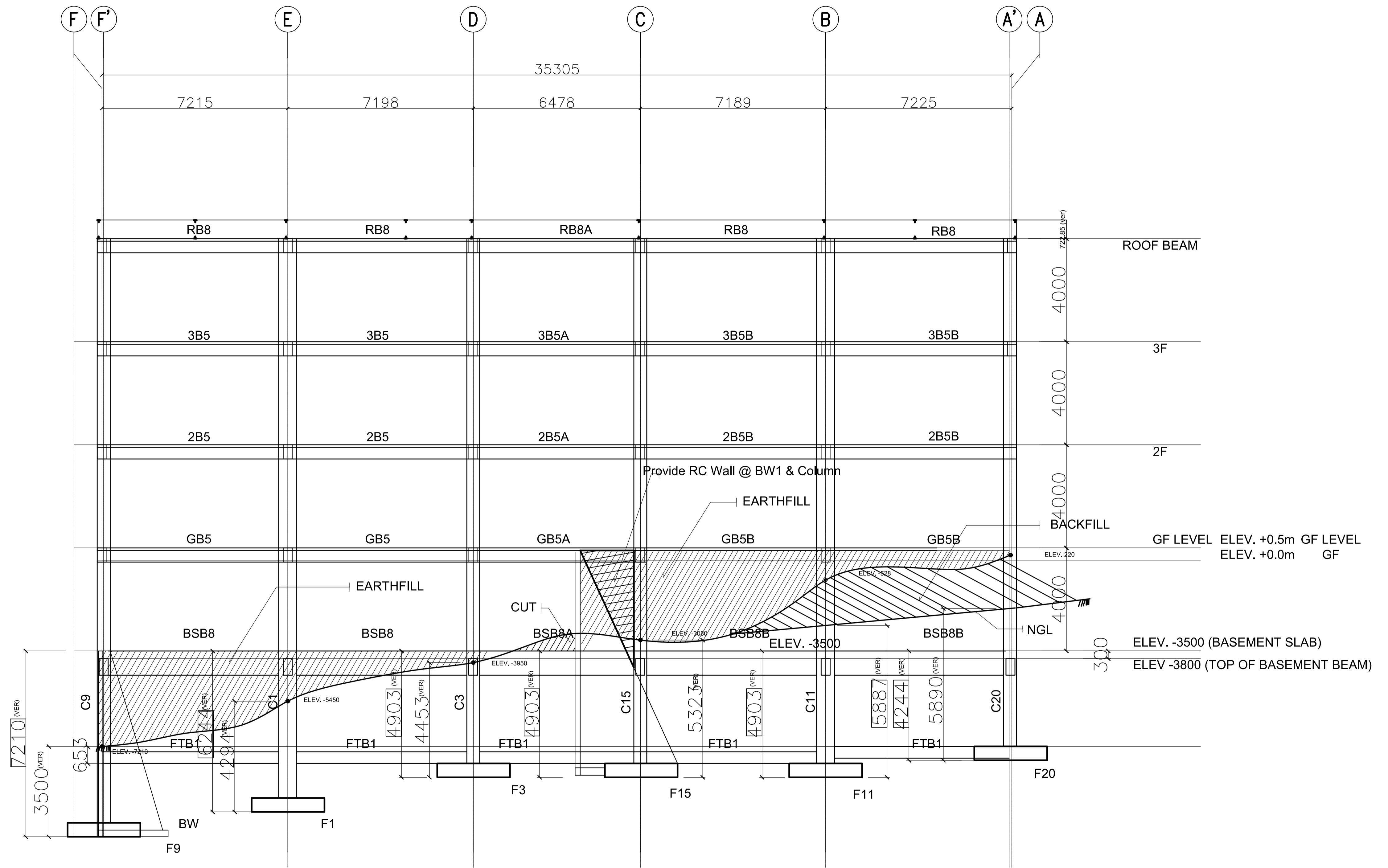
ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 1
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 43-3022-04 FAX NOS. 927-6606, 43-7214 ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.:
	IN JOINT VENTURE WITH							



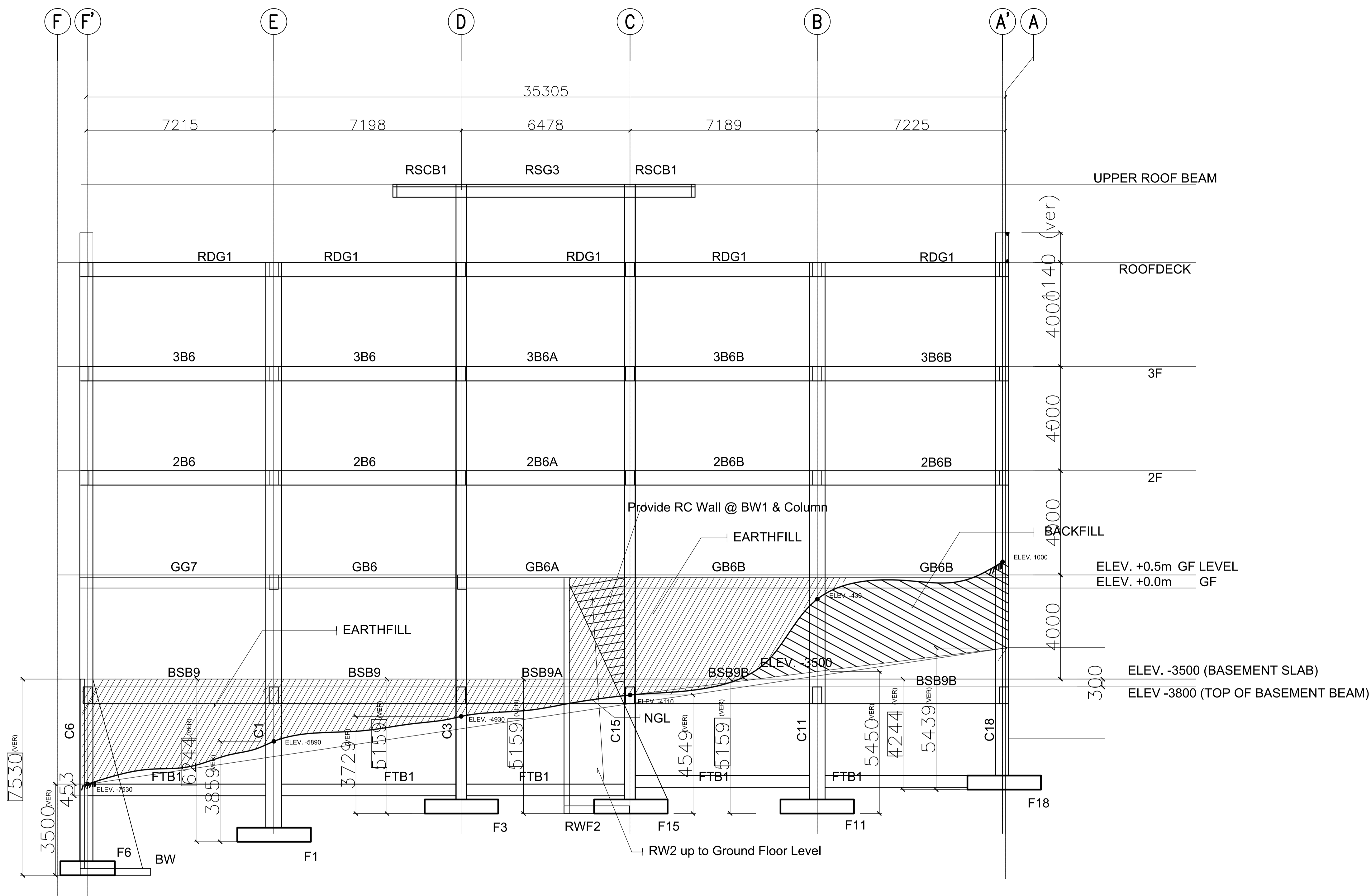
ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 2
 SCALE: 1:100

ENRIQUE O. OLANON & ASSOCIATES <small>ARCHITECTS ENGINEERS CONSULTANTS</small> IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. <small>ARCHITECTS ENGINEERS CONSULTANTS</small>	ENGINEER: ARNEL NIXON D. TAÑAZANA <small>STRUCTURAL ENGINEER</small> PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: <p style="text-align: center;">PROPOSED ACADEMIC BUILDING II</p> LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: <p style="text-align: center;">MERIAM F. FALLAR FAD CHIEF</p>	APPROVED BY: <p style="text-align: center;">EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	SHEET CONTENTS: <p style="text-align: center;">FRAME ELEVATION</p>	SHEET NO: <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-bottom: 5px;">S</div> <div style="font-size: 24px; font-weight: bold;">22</div> <div style="text-align: right; margin-left: 5px; font-size: 24px; font-weight: bold;">35</div> </div>
--	---	---	---	---	--	---	---	---



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 3
 SCALE: 1:100

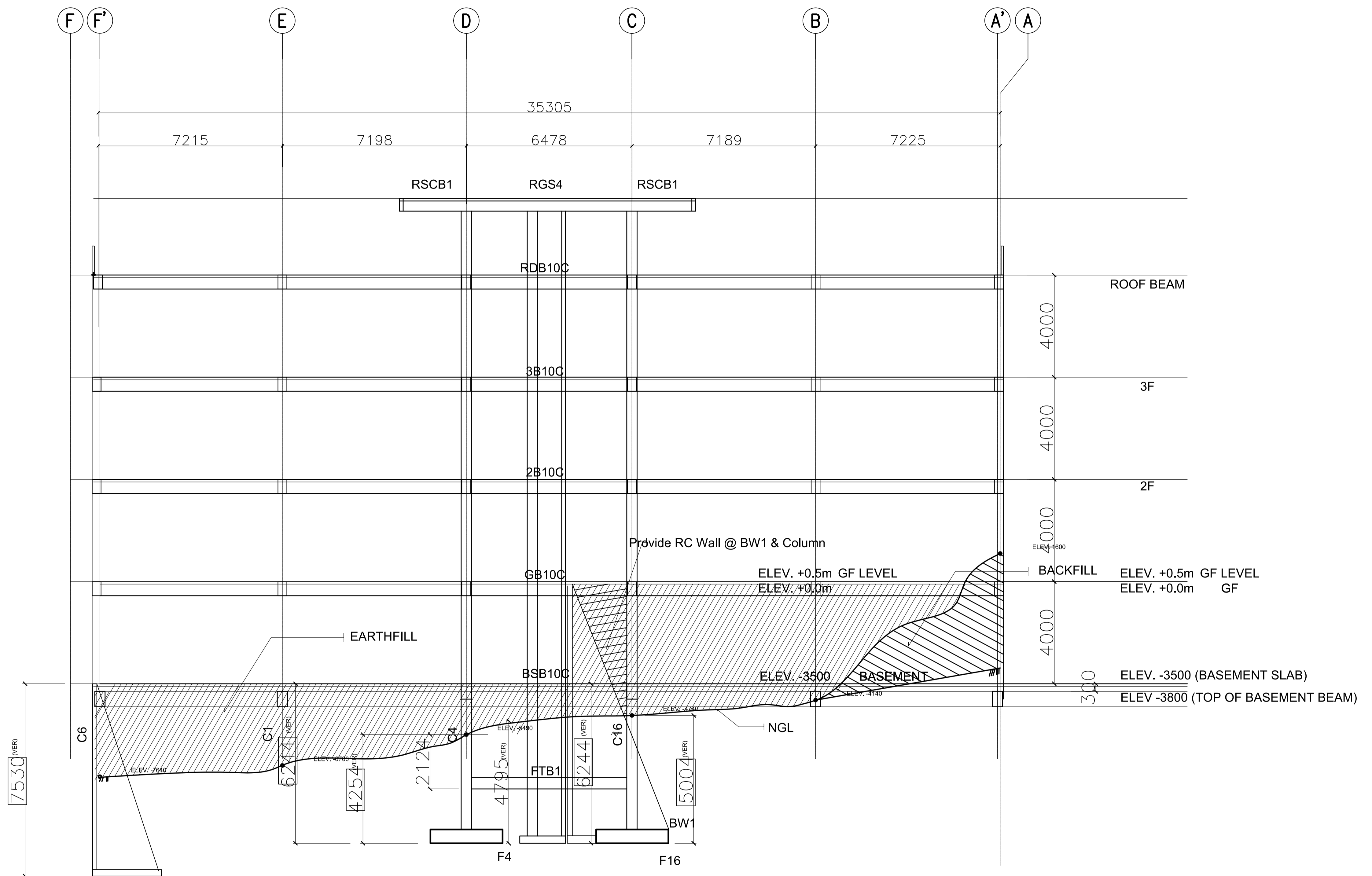
ENRIQUE O. OLONAN & ASSOCIATES <small>ARCHITECTS ENGINEERS CONSULTANTS</small> IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. <small>ARCHITECTS ENGINEERS CONSULTANTS</small>	ENGINEER: ARNEL NIXON D. TAÑAZANA <small>STRUCTURAL ENGINEER</small> PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: <p style="text-align: center;">PROPOSED ACADEMIC BUILDING II</p> LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: MERIAM F. FALLAR <small>FAD CHIEF</small>	APPROVED BY: EDWARD C. ALBARACIN <small>CAMPUS DIRECTOR</small>	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> S <hr style="width: 100%;"/> 23 35 </div> </div>
--	--	--	--	--	--	---	---	---



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 4

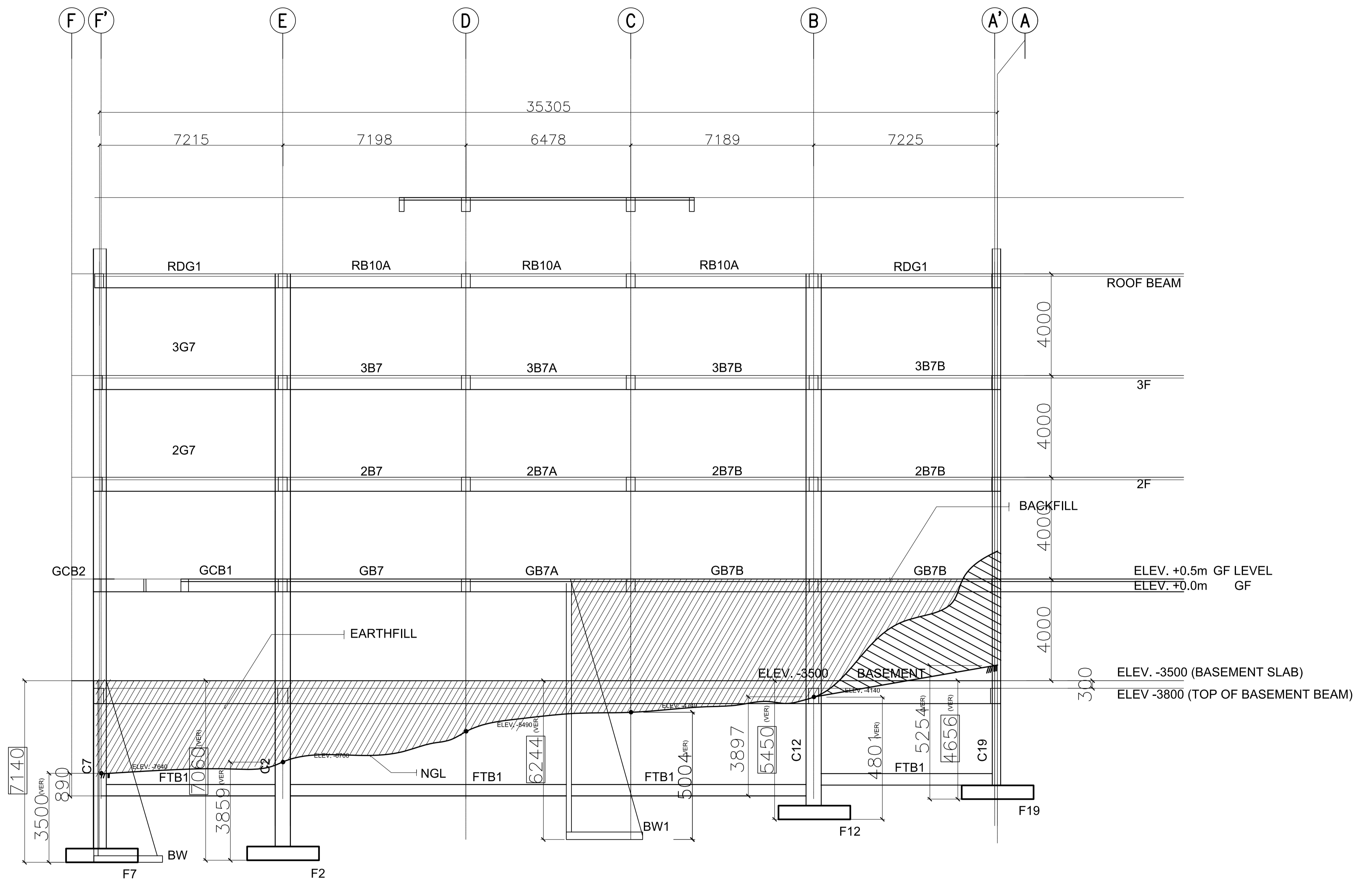
SCALE: 1:100

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.:
	<p>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS. 43-7009, 43-3022-04 FAX NOS. 927-6606, 43-7214</p>							



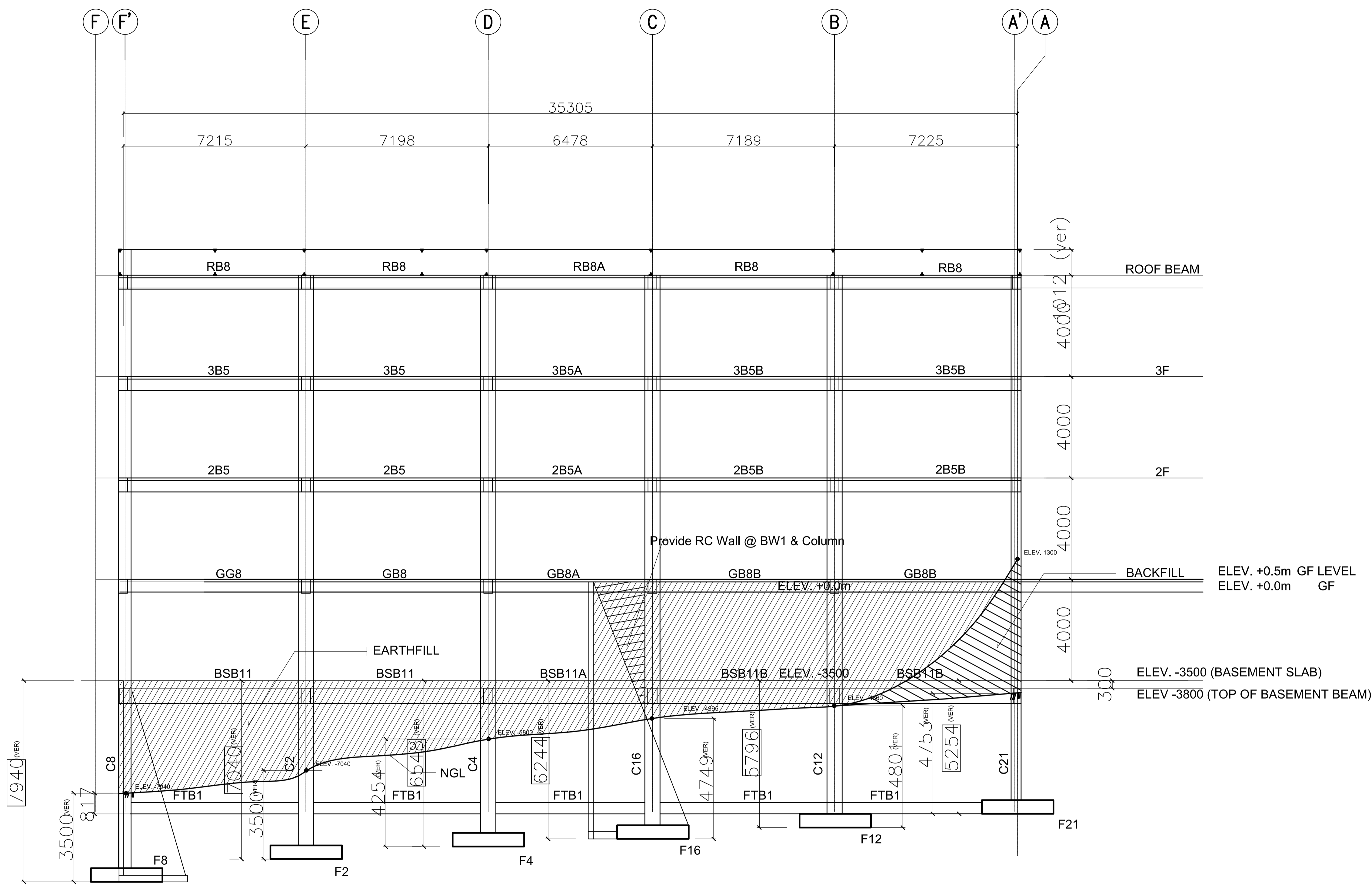
ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 5
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES <small>ARCHITECTS ENGINEERS CONSULTANTS</small> <small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LUVIOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 43-3022-04 FAX NOS. 927-6606, 43-7214</small> ENRIQUE O. OLONAN & ASSOCIATES, CO. <small>ARCHITECTS ENGINEERS CONSULTANTS</small>	ENGINEER: ARNEL NIXON D. TAÑAZANA <small>STRUCTURAL ENGINEER</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PRC No. 0076960</td> <td style="width: 50%;">Validity: 04-14-2023</td> </tr> <tr> <td>PTR No. 8676828</td> <td>Date: 01-07-2021</td> </tr> <tr> <td colspan="2">Place: MARIKINA CITY</td> </tr> </table>	PRC No. 0076960	Validity: 04-14-2023	PTR No. 8676828	Date: 01-07-2021	Place: MARIKINA CITY		REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: <p style="text-align: center;">PROPOSED ACADEMIC BUILDING II</p> <small>LOCATION: Brgy. Rizal, Odiongan, Romblon</small>	DESIGNED FOR: <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: MERIAM F. FALLAR <small>FAD CHIEF</small>	APPROVED BY: EDWARD C. ALBARACIN <small>CAMPUS DIRECTOR</small>	SHEET CONTENTS: <p style="text-align: center;">FRAME ELEVATION</p>	SHEET NO.: <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; width: 100%; height: 100%;"> <p style="margin: 0;">S</p> <p style="margin: 0; font-size: 24px;">25 35</p> </div> </div>
PRC No. 0076960	Validity: 04-14-2023													
PTR No. 8676828	Date: 01-07-2021													
Place: MARIKINA CITY														



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 6
 SCALE: 1:100

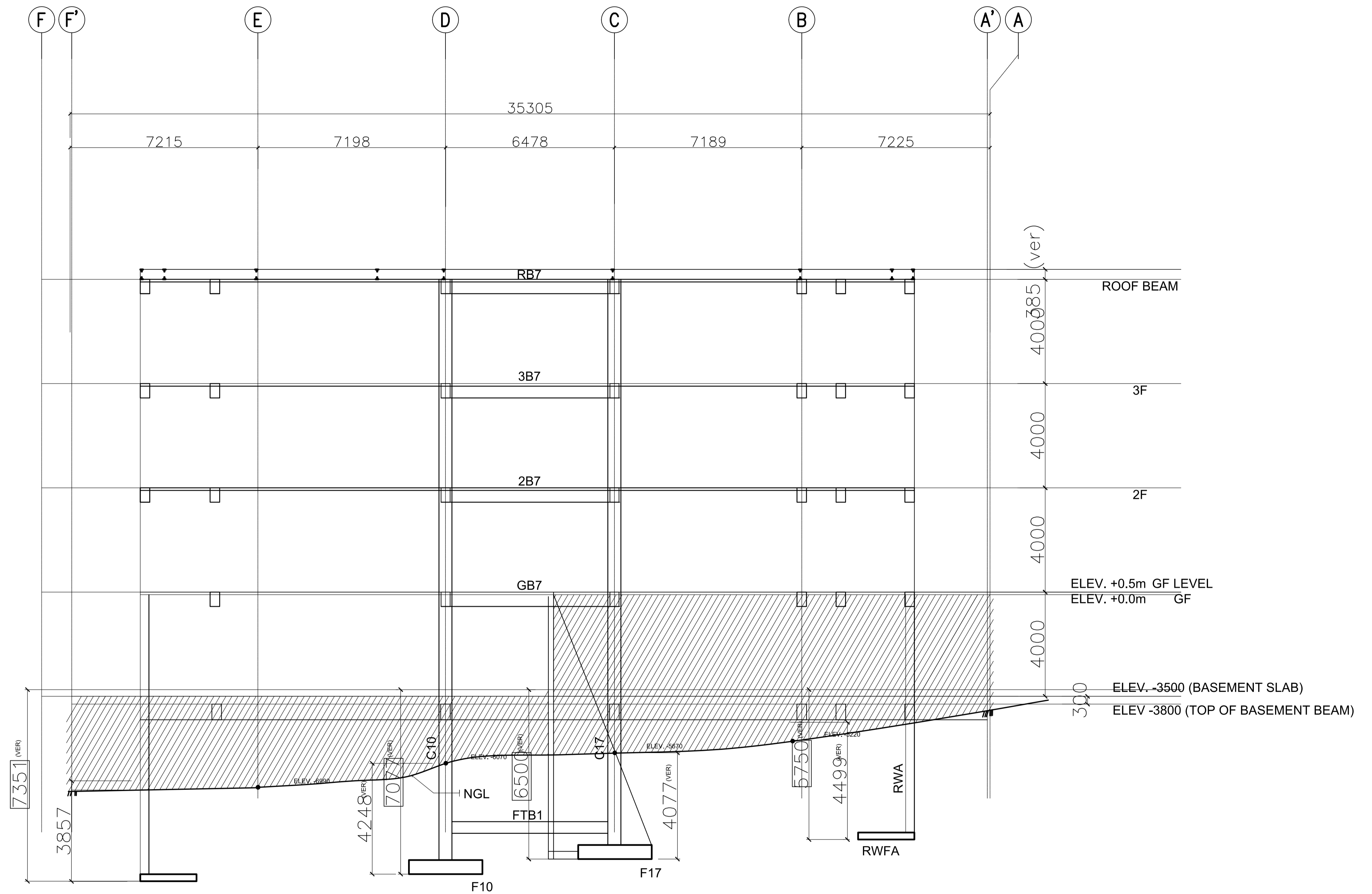
ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS. 43-7009, 43-3902-04 FAX NOS. 927-6606, 43-7214							



NOTES:
 ALL FOOTINGS & RETAINING WALL
 MUST BE SOCKETED TO HARD STRATA
 (VERIFY ACTUAL EMBEDMENT)

ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 7
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS. 43-7009, 43-3002-04 FAX NOS. 927-6608, 43-7214							



NOTES:
 ALL FOOTINGS & RETAINING WALL
 MUST BE SOCKETED TO HARD STRATA
 (VERIFY ACTUAL EMBEDMENT)

ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 8

SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LOYOLA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009,
 43-3022-04
 FAX NOS. 927-6606,
 43-7214


ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:
ARNEL NIXON D. TAÑAZANA
 STRUCTURAL ENGINEER
 PRC No. 0076960 Validity: 04-14-2023
 PTR No. 8676828 Date: 01-07-2021
 Place: MARIKINA CITY TIN: 192-932-067

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

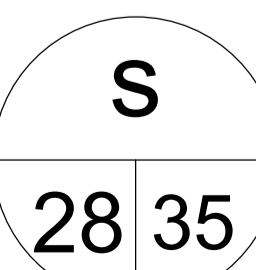
PROJECT:
**PROPOSED
 ACADEMIC BUILDING II**
 LOCATION: Brgy. Rizal, Odiongan, Romblon

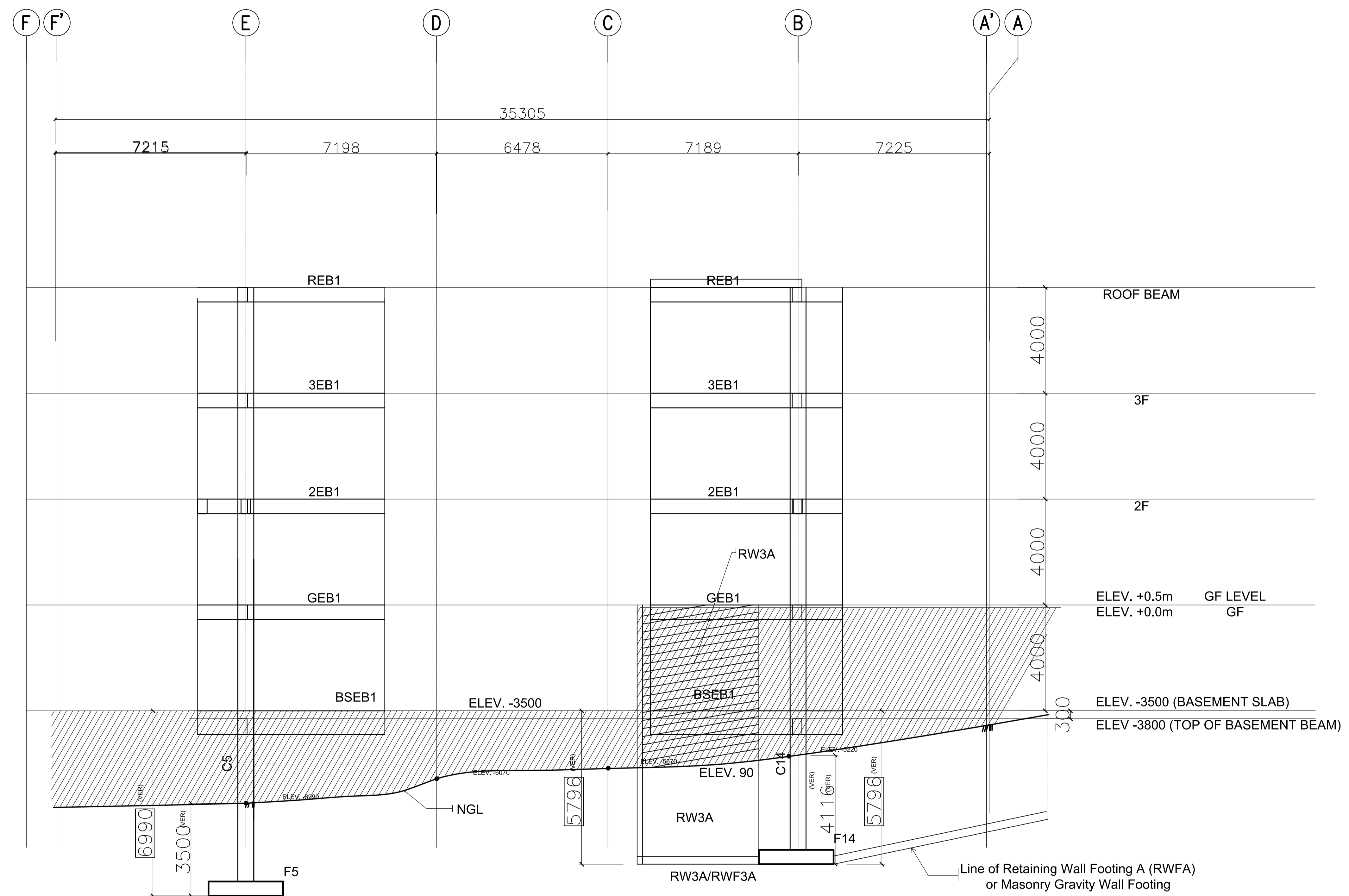
DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 FRAME ELEVATION

SHEET NO:




ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE 9
 SCALE: 1:100

NOTES:
 ALL FOOTINGS & RETAINING WALL
 MUST BE SOCKETED TO HARD STRATA
 (VERIFY ACTUAL EMBEDMENT)

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS


SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LUVIOLA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009,
 43-3922-04
 FAX NOS. 927-6608,
 43-7214

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II
LOCATION:	Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

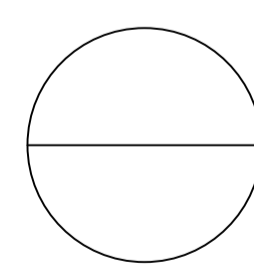
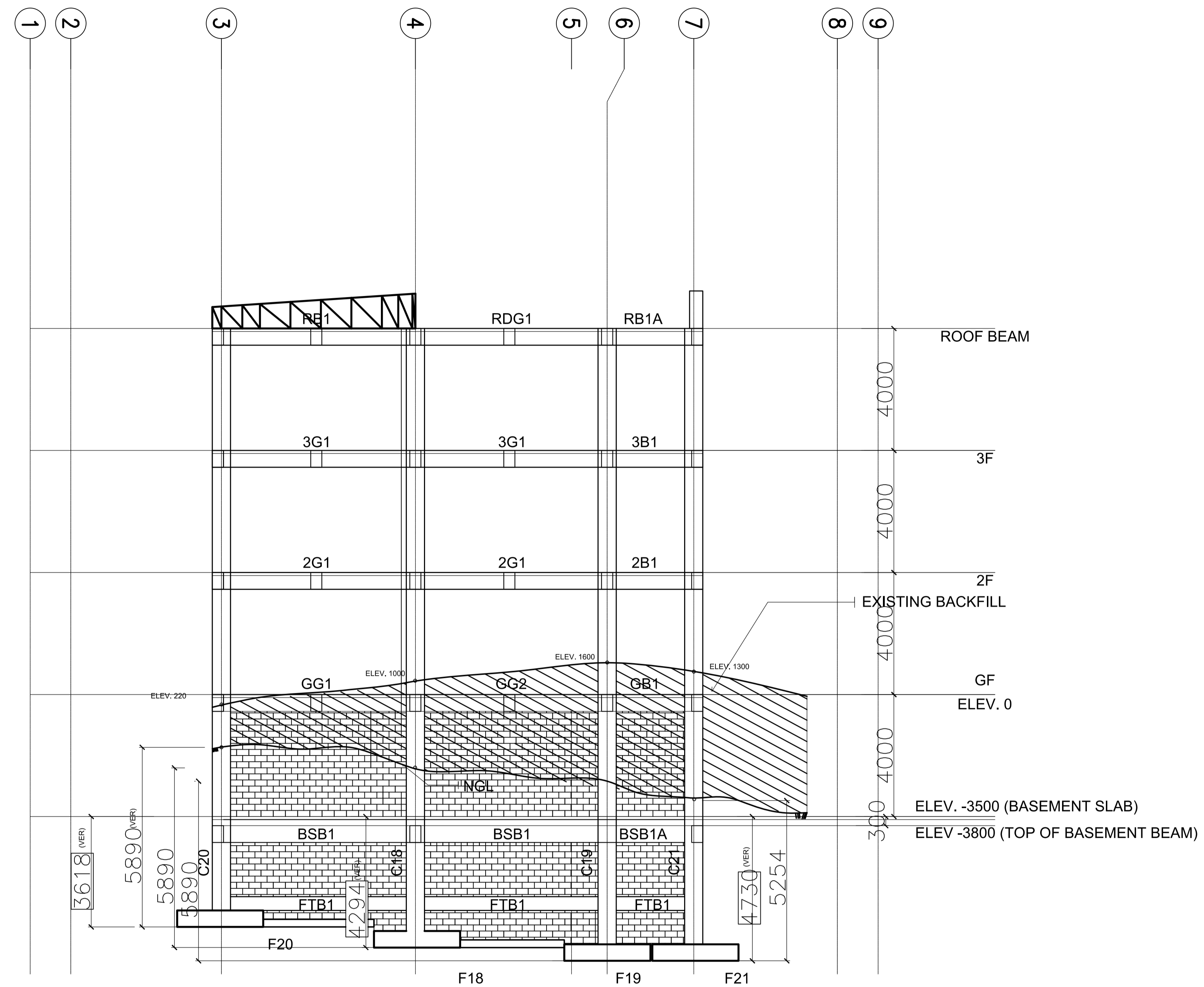
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
------------------------	--------------------------------------

APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
--------------	---

SHEET CONTENTS:	FRAME ELEVATION
-----------------	-----------------

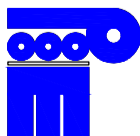

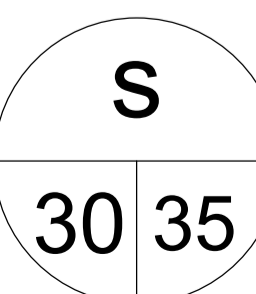
SHEET NO:

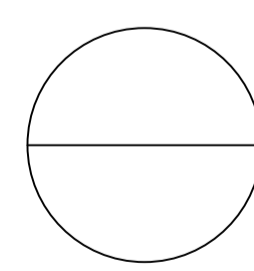
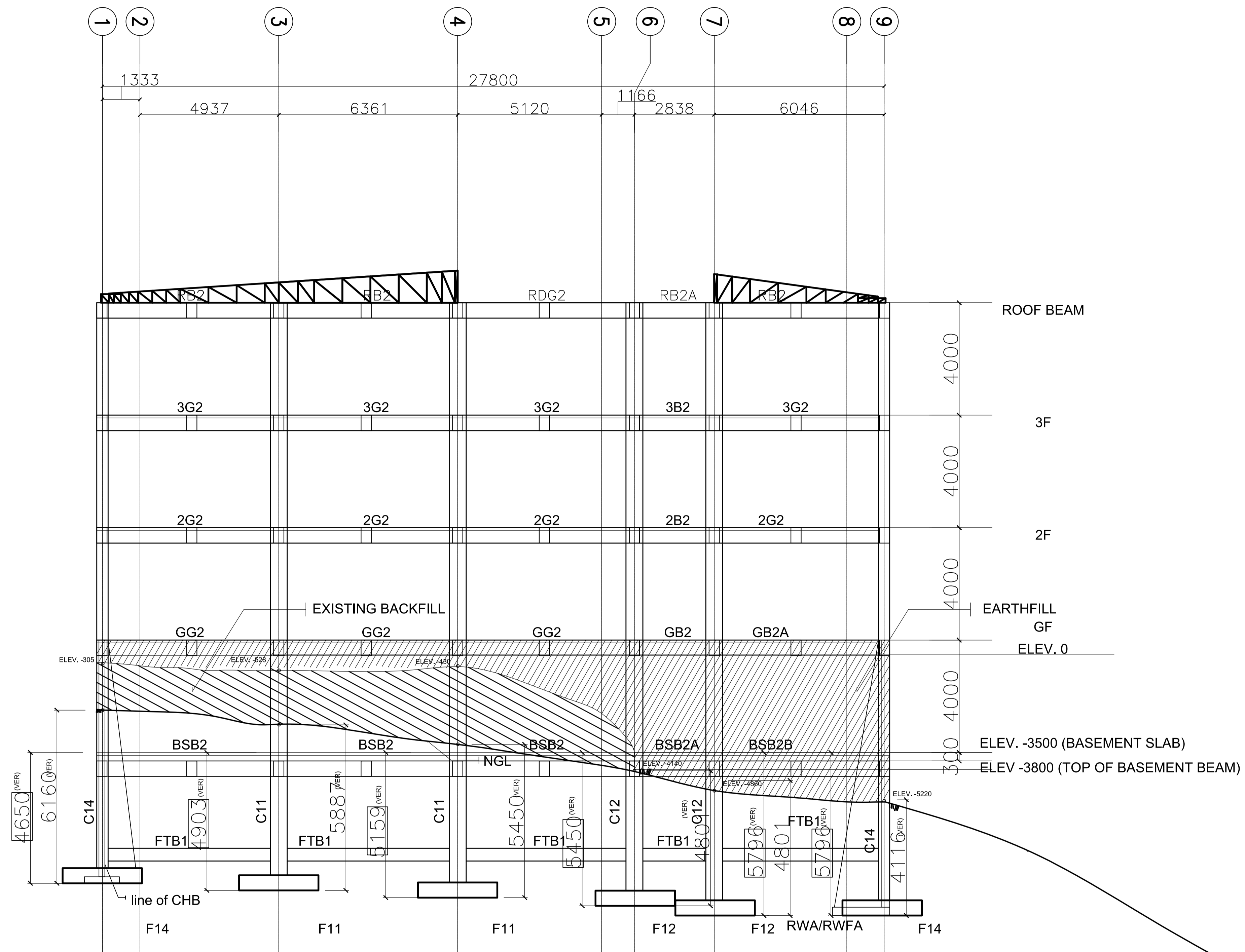
S
29/35






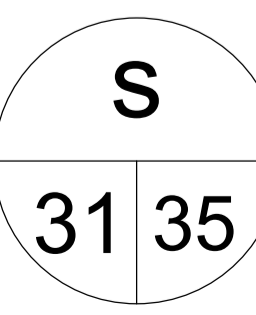
ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE A'

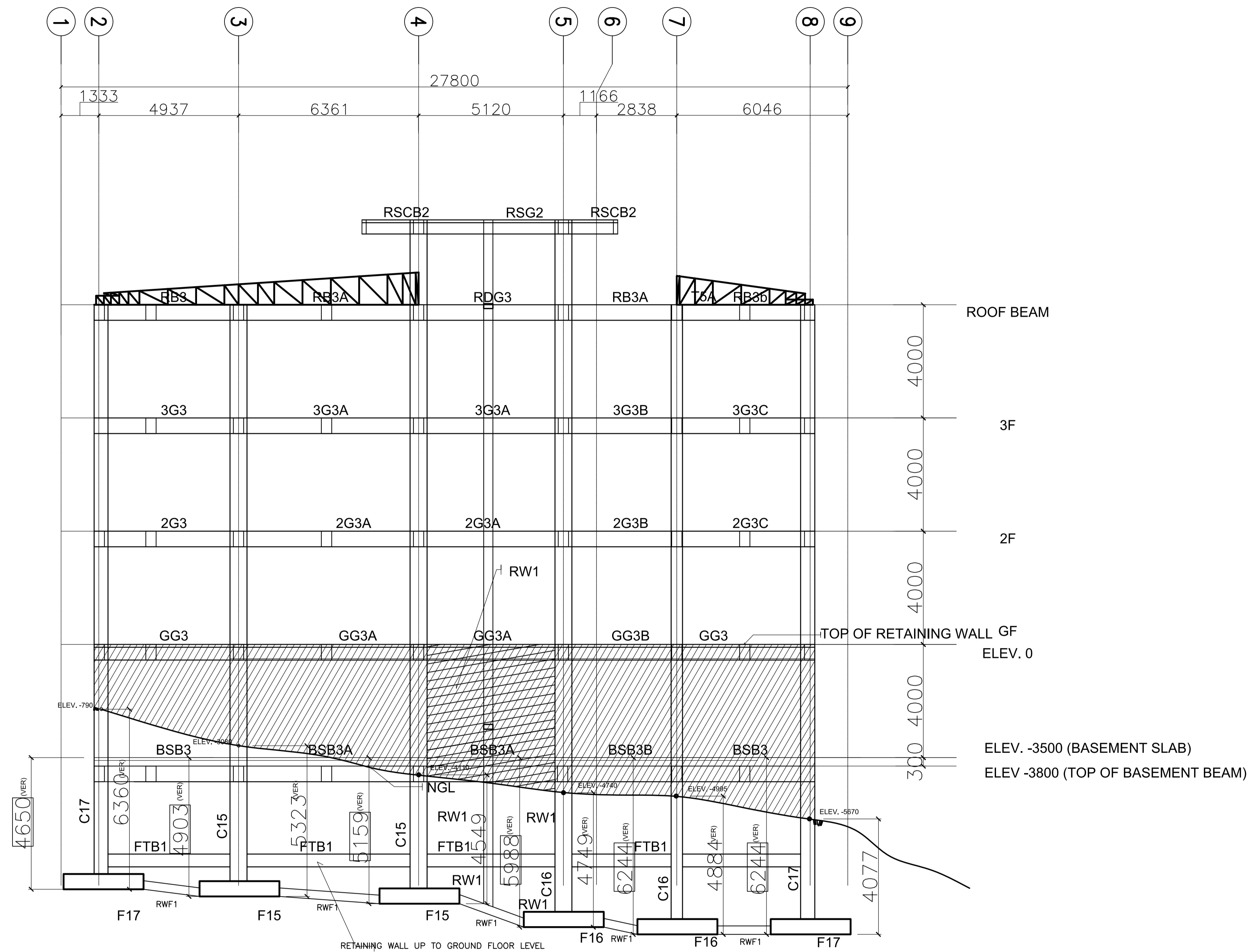
SCALE: 1:100

 ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS <small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 43-3922-04 FAX NOS. 927-6606, 43-7214</small>	ENGINEER:	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT:	DESIGNED FOR:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067		PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	 REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	MERIAM F. FALLAR FAD CHIEF	EDWARD C. ALBARACIN CAMPUS DIRECTOR	FRAME ELEVATION	



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE B
 SCALE: 1:100

 ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH  ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.: 
	<small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LUVIOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 43-3022-04 FAX NOS. 927-6606, 43-7214</small>	PRC No. 0076960 PTR No. 8676828 Place: MARIKINA CITY	Validity: 04-14-2023 Date: 01-07-2021 TIN: 192-932-067	LOCATION: Brgy. Rizal, Odiongan, Romblon				



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE C

SCALE: 1:100

ENRIQUE O. OLANAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS


SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LUVILA HEIGHTS,
 QUEZON CITY, 1106
 TEL. NOS. 43-7009,
 43-3922-04
 FAX NOS. 927-6606,
 43-7214

ENRIQUE O. OLANAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:	
ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	
PRC No. 0076960	Validity: 04-14-2023
PTR No. 8676828	Date: 01-07-2021
Place: MARIKINA CITY	TIN: 192-932-067

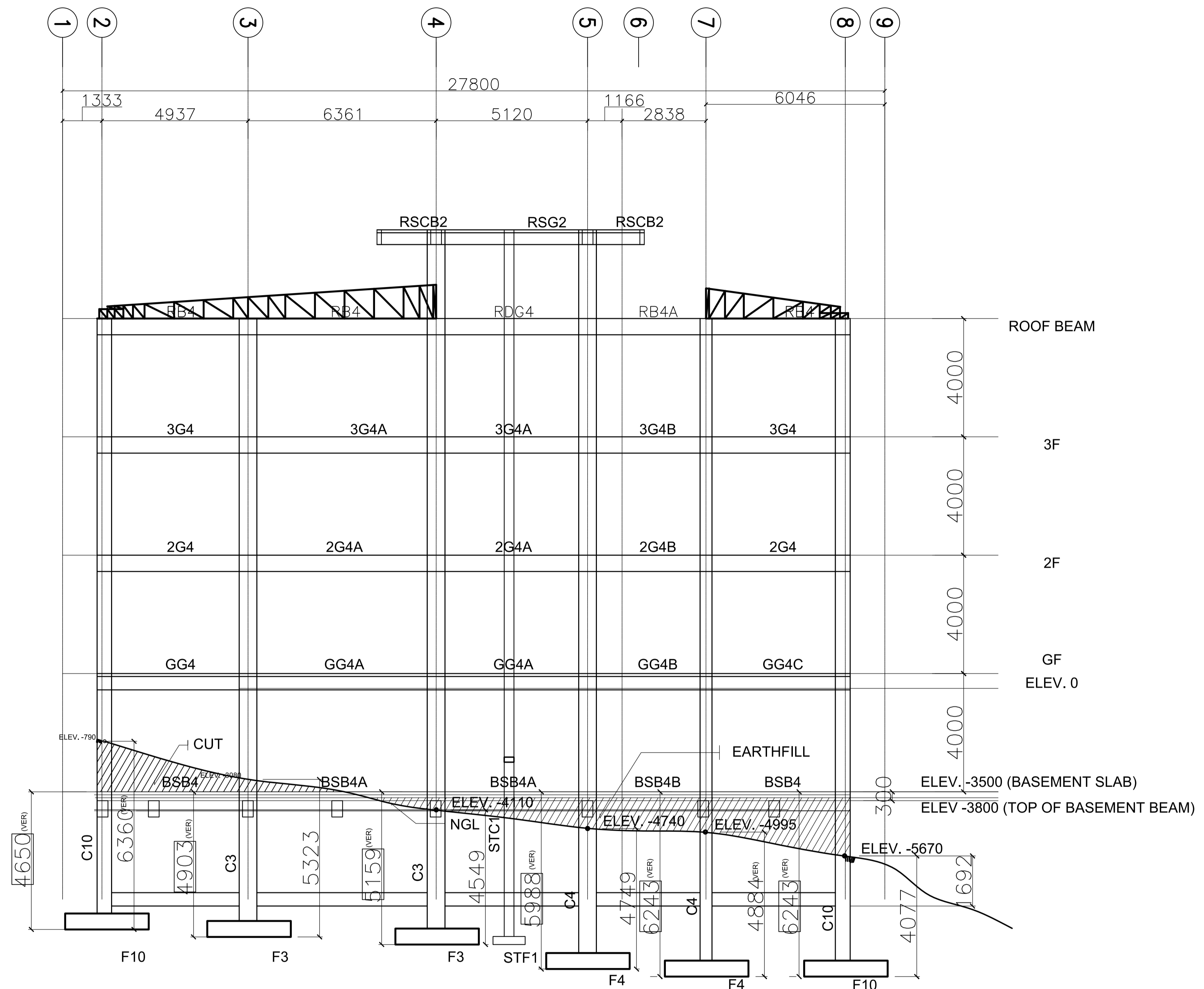
REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	DESIGNED FOR:
PROPOSED ACADEMIC BUILDING II	 REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS
LOCATION: Brgy. Rizal, Odiongan, Romblon	

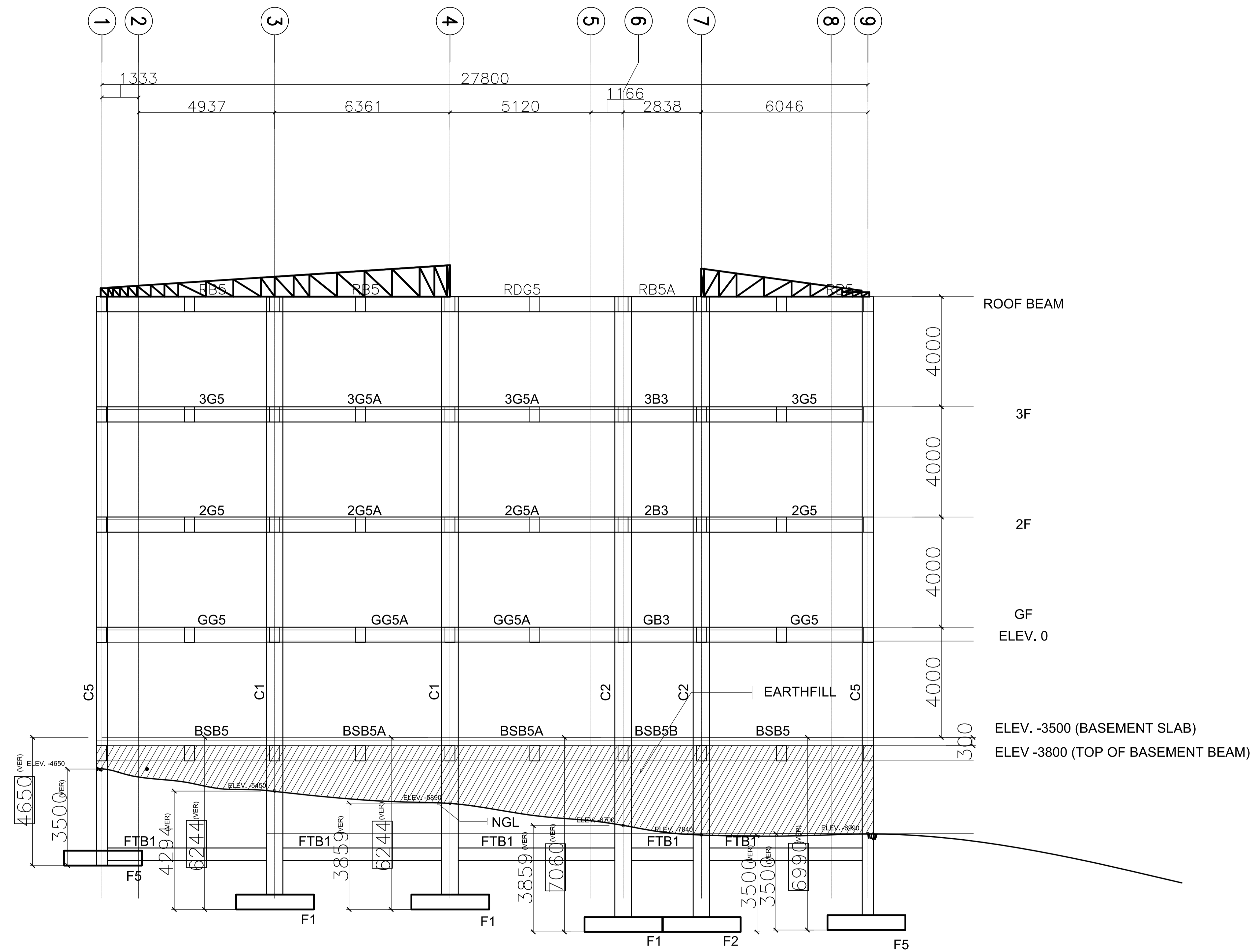
RECOMMENDING APPROVAL:	APPROVED BY:
MERIAM F. FALLAR FAD CHIEF	EDWARD C. ALBARACIN CAMPUS DIRECTOR

SHEET CONTENTS:	SHEET NO.:
FRAME ELEVATION	S 32 35



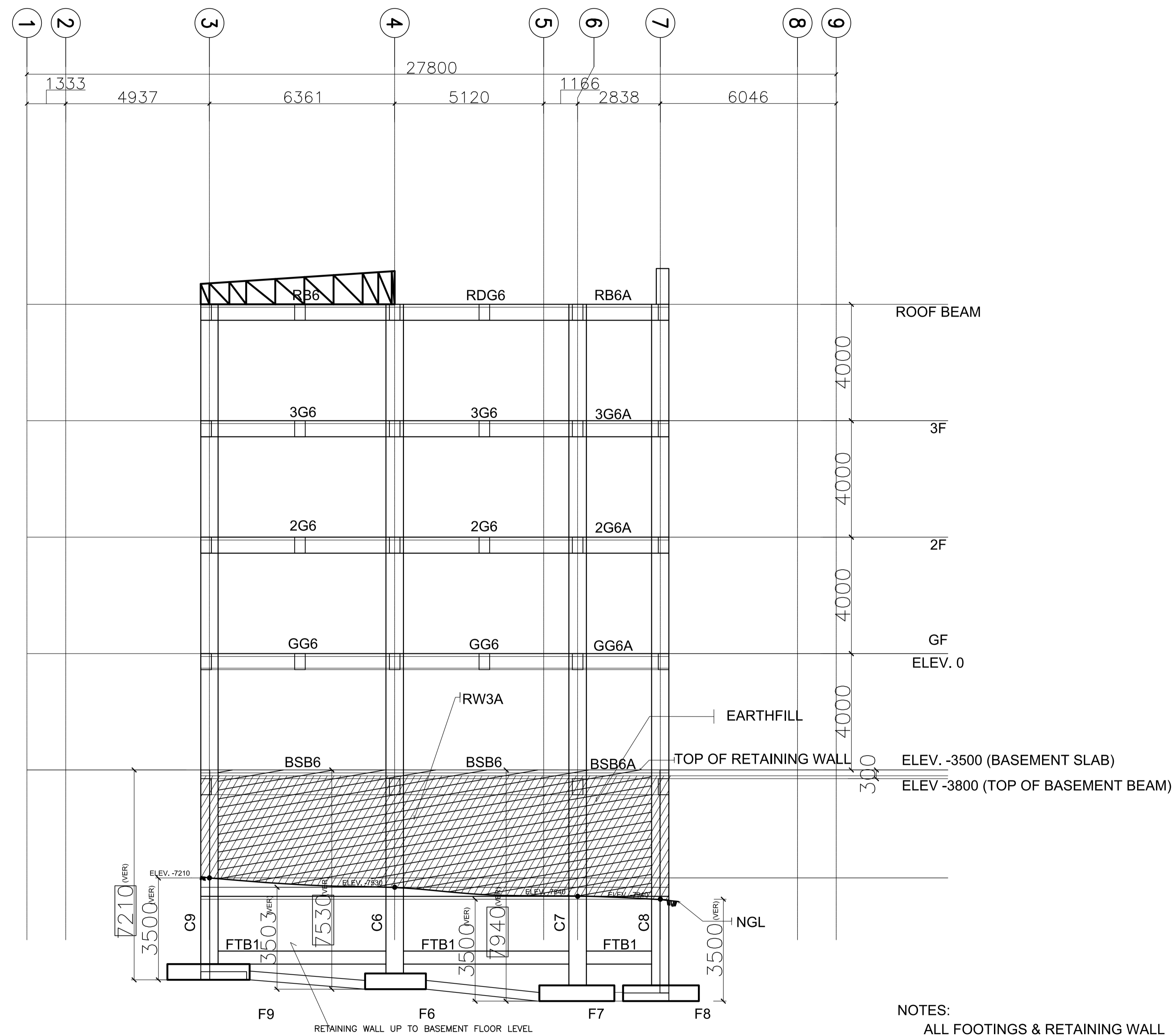
ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE D
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES <small>ARCHITECTS ENGINEERS CONSULTANTS</small> <small>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106</small> <small>TEL. NOS. 43-7009, 43-3902-04 FAX NOS. 927-6698, 43-7214</small>	ENGINEER: ARNEL NIXON D. TAÑAZANA <small>STRUCTURAL ENGINEER</small>	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: <p style="text-align: center;">PROPOSED ACADEMIC BUILDING II</p> <small>LOCATION: Brgy. Rizal, Odiongan, Romblon</small>	DESIGNED FOR: <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: <p style="text-align: center;">MERIAM F. FALLAR FAD CHIEF</p>	APPROVED BY: <p style="text-align: center;">EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	SHEET CONTENTS: <p style="text-align: center;">FRAME ELEVATION</p>	SHEET NO.: <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> S 33 35 </div>						
	<small>IN JOINT VENTURE WITH</small> ENRIQUE O. OLONAN & ASSOCIATES, CO. <small>ARCHITECTS ENGINEERS CONSULTANTS</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><small>PRC No. 0076960</small></td> <td style="width: 50%;"><small>Validity: 04-14-2023</small></td> </tr> <tr> <td><small>PTR No. 8676828</small></td> <td><small>Date: 01-07-2021</small></td> </tr> <tr> <td><small>Place: MARIKINA CITY</small></td> <td><small>TIN: 192-932-067</small></td> </tr> </table>	<small>PRC No. 0076960</small>	<small>Validity: 04-14-2023</small>	<small>PTR No. 8676828</small>	<small>Date: 01-07-2021</small>	<small>Place: MARIKINA CITY</small>	<small>TIN: 192-932-067</small>						
<small>PRC No. 0076960</small>	<small>Validity: 04-14-2023</small>													
<small>PTR No. 8676828</small>	<small>Date: 01-07-2021</small>													
<small>Place: MARIKINA CITY</small>	<small>TIN: 192-932-067</small>													



ACADEMIC BUILDING II
FRAME ELEVATION ALONG GRIDLINE E
 SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES <small>ARCHITECTS ENGINEERS CONSULTANTS</small> IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. <small>ARCHITECTS ENGINEERS CONSULTANTS</small>	ENGINEER: ARNEL NIXON D. TAÑAZANA <small>STRUCTURAL ENGINEER</small> PRC No. 0076960 Validity: 04-14-2023 PTR No. 8676828 Date: 01-07-2021 Place: MARIKINA CITY TIN: 192-932-067	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: <p style="text-align: center;">PROPOSED ACADEMIC BUILDING II</p> LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR: <small>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</small>	RECOMMENDING APPROVAL: MERIAM F. FALLAR <small>FAD CHIEF</small>	APPROVED BY: EDWARD C. ALBARACIN <small>CAMPUS DIRECTOR</small>	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.: <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> S 34 35 </div>
--	---	---	---	---	---	--	--	--



NOTES:
ALL FOOTINGS & RETAINING WALL
MUST BE SOCKETED TO HARD STRATA
(VERIFY ACTUAL EMBEDMENT)

ACADEMIC BUILDING II'
FRAME ELEVATION ALONG GRIDLINE F
SCALE: 1:100

ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: ARNEL NIXON D. TAÑAZANA STRUCTURAL ENGINEER	REPUBLIC ACT 9266 <small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small>	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FRAME ELEVATION	SHEET NO.:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1106 TEL. NOS. 43-7009, 431-3022-04 FAX NOS. 927-6606, 431-7214	PRC No. 0076960 PTR No. 8676828 Place: MARIKINA CITY	Validity: 04-14-2023 Date: 01-07-2021 TIN: 192-932-067	LOCATION: Brgy. Rizal, Odiongan, Romblon				

GENERAL NOTES

- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES, REGULATIONS AND REQUIREMENTS OF THE DISTRIBUTION UTILITY AND/OR THE LAWS AND ORDINANCES OF THE LOCAL CODE ENFORCING AUTHORITY.
- PRIMARY ELECTRIC SERVICE SHALL BE 13.2KV 3Ø, 3-WIRE, 60HZ
- SECONDARY ELECTRICAL SYSTEM SHALL BE 230V 3-WIRE + GROUND, 3Ø, 60HZ
- WIRE COLOR CODING SHALL BE AS FOLLOWS:
 - = PHASE CONDUCTORS - (R,Y,B) RED, YELLOW, and BLUE FOR LINES 1, 2 AND 3 RESPECTIVELY.
 - = NEUTRAL - WHITE
 - = GROUND - GREEN
- METHOD OF WIRING SHALL BE AS FOLLOWS; UNLESS OTHERWISE SPECIFIED IN AND DATA LINES WHICH SHALL BE IMC.
 - EMBEDDED IN CONCRETE = USE PVC SCH.40 CONDUIT EXCEPT COMMUNICATION AND DATA LINES WHICH SHALL BE IMC.
 - NOT EMBEDDED IN CONCRETE :
 - = USE EMT CONDUITS WITH SIZE NOT LARGER THAN 25mm DIAMETER.
 - = USE IMC WITH SIZE LARGER THAN 25mm DIAMETER.
 - = USE METALLIC WIREWAY WHERE INDICATED IN DRAWINGS.
- USE SHORT LENGTH FLEXIBLE METALLIC CONDUIT FOR CONDUIT TERMINATION TO EQUIPMENT SUBJECT TO VIBRATION.
- MINIMUM SIZE OF CONDUIT SHALL BE 13mm NOMINAL DIAMETER "USE UL Listed EMT AND IMC CONDUITS AND FITTINGS". CONDUIT SIZE IS BASED ON INTERNAL DIAMETER
- MINIMUM SIZE OF WIRES SHALL BE 2.0mm THHN/THWN-2. UNLESS OTHERWISE SPECIFIED IN DRAWING.
- ALL MATERIALS SHALL BE BRAND NEW AND OF SUITABLE AND APPROVED TYPE FOR LOCATION AND PURPOSE.
- ALL 20 AMPERE CIRCUIT HOMERUNS TO PANELBOARD MORE THAN 230 METERS IN LENGTH SHALL BE 5.5mm MINIMUM, UNLESS OTHERWISE NOTED.
- STANDARD TYPE OF ACCESSORIES, SPlicing DEVICES, TERMINATION AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
- ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENTS SHALL BE EFFECTIVELY GROUNDING.
- WHENEVER NECESSARY, PULL BOX SHALL BE PROVIDED EVEN IF NOT INDICATED IN THE PLANS.
- ALL DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED AS ACTUAL LOCATIONS, DISTANCES, AND LEVELS ARE GOVERNED BY FIELD CONDITIONS.
- MINIMUM GROUNDING RESISTANCE SHALL BE 5 OHMS.
- WIRE GUTTERS SHALL BE SIZED NOT TO EXCEED TEN (10) PERCENT CONDUCTOR FILL.
- WIRE GUTTERS SHALL NOT CONTAIN MORE THAN 20 CONDUCTORS AT ANY CROSS SECTION.
- MAXIMUM SPACING BETWEEN CONDUIT SUPPORTS SHALL BE 1500mm AND 300mm BETWEEN SUPPORT AND FITTINGS OR BOXES.
- PANEL BOARDS, BOXES AND CABINETS SHALL BE EFFECTIVELY GROUNDING. WHERE NON METALLIC RACEWAYS ARE USED GROUNDING TERMINALS SHALL BE PROVIDED TOGETHER WITH GROUNDING CONDUCTORS, THIS HOWEVER SHALL BE SUBJECT TO THE APPROVAL OF DESIGNER.
- COPPER BUS BARS SHALL BE SIZED IN ACCORDANCE WITH THE CODE REQUIREMENT OF 1.55 AMPERE PER ONE(1) SQUARE MILLIMETER OF CROSS SECTION.
- ALL WORKS SHALL BE DONE IN A NEAT AND WORKMAN LIKE MANNER.
- ALL UTILITY AND JUNCTION BOXES SHALL BE GAUGE 16 DEEP TYPE. CONCENTRIC KNOCK OUTS SHALL NOT BE ALLOWED.
- CONDUIT BODIES, JUNCTIONS, PULL AND OUTLETS/BOXES SHALL BE INSTALLED SO THAT THE WIRING CONTAINED IN THEM CAN BE RENDERED ACCESSIBLE WITHOUT REMOVING ANY PART OF THE BUILDING OR IN UNDERGROUND CIRCUITS, WITHOUT EXCAVATING SIDEWALKS, PAVING EARTH OR OTHER SUBSTANCE THAT IS TO BE USED TO ESTABLISH THE FINISHED GRADE.
- METAL BOXES, CONDUIT BODIES AND FITTINGS SHALL BE CORROSION RESISTANT OR SHALL BE WELL GALVANIZED, ENAMELED OR OTHERWISE PROPERLY BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 3.70.2.1.14(a) COATED INSIDE AND OUT TO PREVENT CORROSION.
- SHEET METAL AUXILIARY GUTTERS SHALL BE SUPPORTED THROUGHOUT THEIR ENTIRE LENGTH AT INTERVALS NOT EXCEEDING 1000 MM.
- BONDING JUMPERS SHALL BE USED TO CONNECT SECTIONS OF CABLES TRAYS AND WIRE WAYS TO ENSURE CONTINUITY OF GROUNDING.
- RUNNING THREADS SHALL NOT BE USED ON CONDUITS FOR CONNECTION AT COUPLINGS.
- CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER WILL NOT BE EFFECTIVELY REDUCED.
- WHERE CONDUITS ENTER A BOX, FITTING OR OTHER ENCLOSURE, BUSHINGS SHALL BE PROVIDED TO PROTECT THE WIRE FROM ABRASION.
- ALL WIRES AND CIRCUIT BREAKERS SHALL BE LOADED NOT MORE THAN EIGHTY PERCENT (80%) OF RATED CAPACITY.
- PROVIDE ALL THE NECESSARY SUPPORTS, FITTINGS,ETC. FOR A COMPLETE INSTALLATION. (SUBMIT SHOP DRAWING TO BE APPROVED BEFORE ANY INSTALLATION.
- NO PIPE OR DUCT SYSTEM FOREIGN TO THE ELECTRICAL INSTALLATION SHALL ENTER OR PASS THRU ANY ELECTRICAL ROOM.
- ALL WORKS SHALL BE DONE UNDER THE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- REFER TO TECHNICAL SPECIFICATIONS.

DRAWING INDEX

E-01	DRAWING INDEX, GENERAL NOTES, LEGEND AND SYMBOL, VICINITY PLAN, ABBREVIATION
E-02	SINGLE LINE DIAGRAM
E-03	ELECTRICAL SITE DEVELOPMENT
E-04	BASEMENT LIGHTING LAYOUT GROUND FLOOR LIGHTING LAYOUT
E-05	SECOND FLOOR LIGHTING LAYOUT THIRD FLOOR LIGHTING LAYOUT
E-06	ROOF DECK LIGHTING LAYOUT TYPICAL LIGHTING INSTALLATION DETAIL
E-07	BASEMENT POWER LAYOUT GROUND FLOOR POWER LAYOUT
E-08	SECOND FLOOR POWER LAYOUT THIRD FLOOR POWER LAYOUT
E-09	ROOF DECK POWER LAYOUT BASEMENT MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT
E-10	GROUND FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT SECOND FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT
E-11	THIRD FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT ROOF DECK MECHANICAL EQUIPMENT POWER LAYOUT
E-12	BASEMENT FLOOR GROUNDING SYSTEM LAYOUT ROOF DECK LIGHTNING PROTECTION SYSTEM LAYOUT
E-13	LOAD SCHEDULE
E-14	LOAD SCHEDULE ELECTRICAL LOAD CALCULATIONS
E-15	SHORT CIRCUIT CALCULATIONS VOLTAGE DROP CALCULATIONS
E-16	MISCELLANEOUS DETAILS
E-17	MISCELLANEOUS DETAILS

POWER LEGEND

	DUPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	GROUND-FAULT CIRCUIT INTERRUPTER, DUPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	WEATHERPROOF, DUPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	TAMPER-RESISTANT, DUPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	HAND DRYER OUTLET, SIMPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	REF OUTLET, SIMPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	WATERPROOF FLOOR OUTLET, DUPLEX RECEPTACLE, 16A, 250V, PARALLEL BLADE GROUNDING SLOT
	SQUARE BOX / JUNCTION BOX
	PULLBOX
	PANELBOARD
	MOLDED CASE CIRCUIT BREAKER
	ENCLOSED CIRCUIT BREAKER
	MOTOR CONTROLLER
	KILOWATT-HOUR METER
	ELECTRIC MOTOR
	CIRCUIT HOMERUN
	CONDUIT EMBEDDED IN CONCRETE
	CONDUIT IN EXPOSED INSTALLATION OR ABOVE CEILING
	CONDUIT IN UNDERGROUND INSTALLATION
	AIR CIRCUIT BREAKER, DRAW-OUT TYPE
	VACUUM CIRCUIT BREAKER, ABOVE 600V
	TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS)
	TRANSFORMER, DELTA-WYE CONNECTION
	GENERATOR SET

ABBREVIATION			
AMPS	AMPERES	LBS	LOAD BREAK SWITCH
AT	AMPERE TRIP	LC	LIGHTING CONTACTOR
AF	AMPERE FRAME	MC	METER CENTER
CB	CIRCUIT BREAKER	MDB	MAIN DISTRIBUTION BOARD
CT	COUNTER TOP	MSG	MAIN SWITCH GEAR
DIA.	DIAMETER	MVA	MEGAVOLT-AMPERE
DS	DISCONNECT SWITCH	NC	NORMALLY CLOSED
FH	FUME HOOD	NO	NORMALLY OPEN
FT	FLY TRAP	PB	PULLBOX
GSG	GENERATOR SWITCH GEAR	PCB	POWER CIRCUIT BREAKER
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER	PF	POWER FUSE
kAIC	KILOAMPERE INTERRUPTING CAPACITY	RH	RANGE HOOD
kV	KILOVOLT	S.E.	SERVICE ENTRANCE
kVA	KILOVOLT-AMPERE	TR	TRANSFORMER
kW	KILOWATT	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
kWH	KILOWATT-HOUR	WP	WEATHERPROOF
LA	LIGHTNING ARRESTER	PQM	POWER QUALITY METER
GSB	GENSET SWITCH BOARD	LSIG	LONG-TIME, SHORT-TIME, INSTANTANEOUS AND GROUND-FAULT RELAY
LVSG	LOW VOLTAGE SWITCHGEAR		
CT's	CURRENT TRANSFORMER	ACB	AIR CIRCUIT BREAKER
PT's	POTENTIAL TRANSFORMER	NFDS	NON-FUSIBLE DISCONNECT SWITCH
M/E	MECHANICAL/ELECTRICAL INTERLOCK	MCCB	MOLDED-CASE CIRCUIT BREAKER

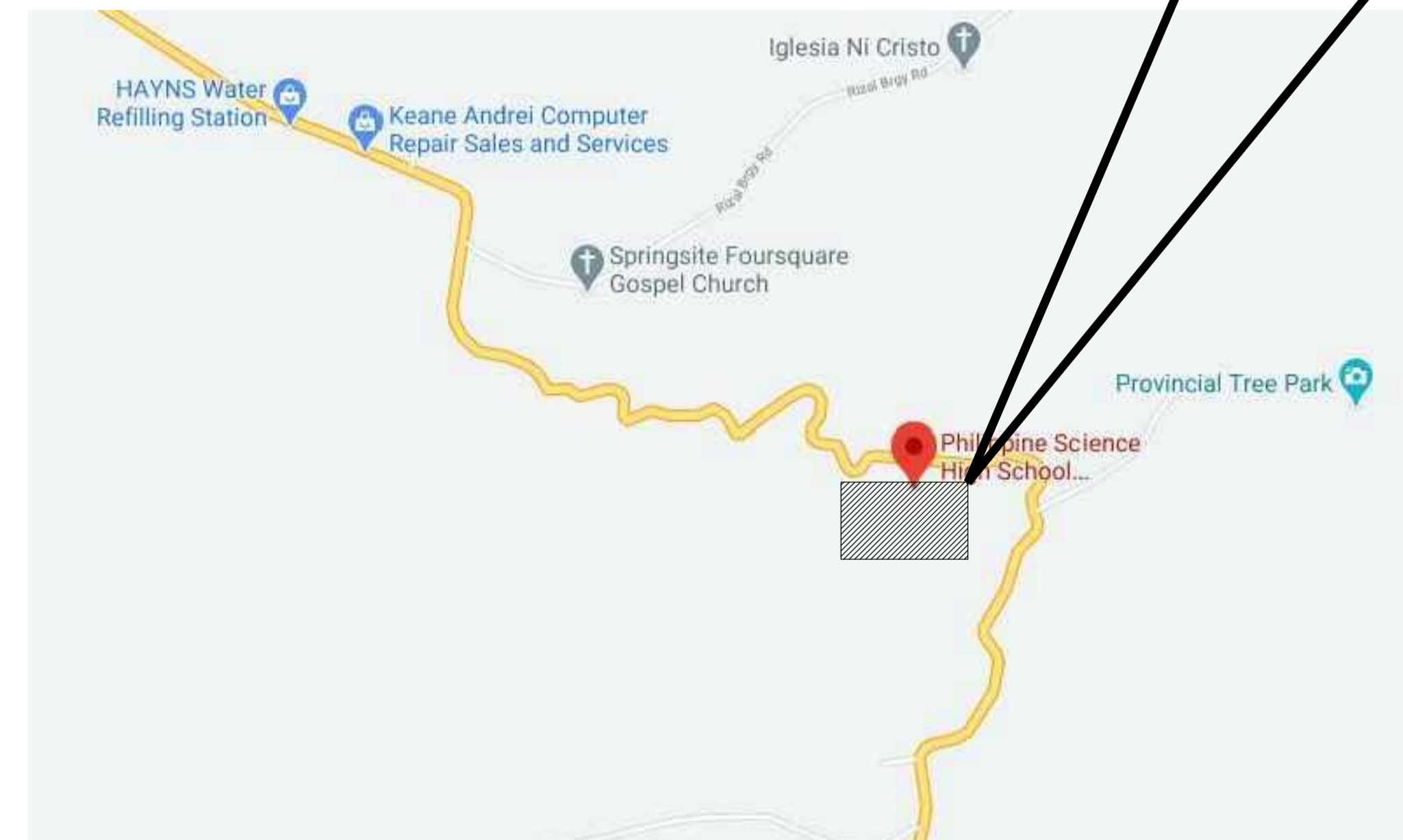
1 LEGENDS AND SYMBOLS

E-01 SCALE: NTS

2 ABBREVIATION

E-01 SCALE: NTS

SITE

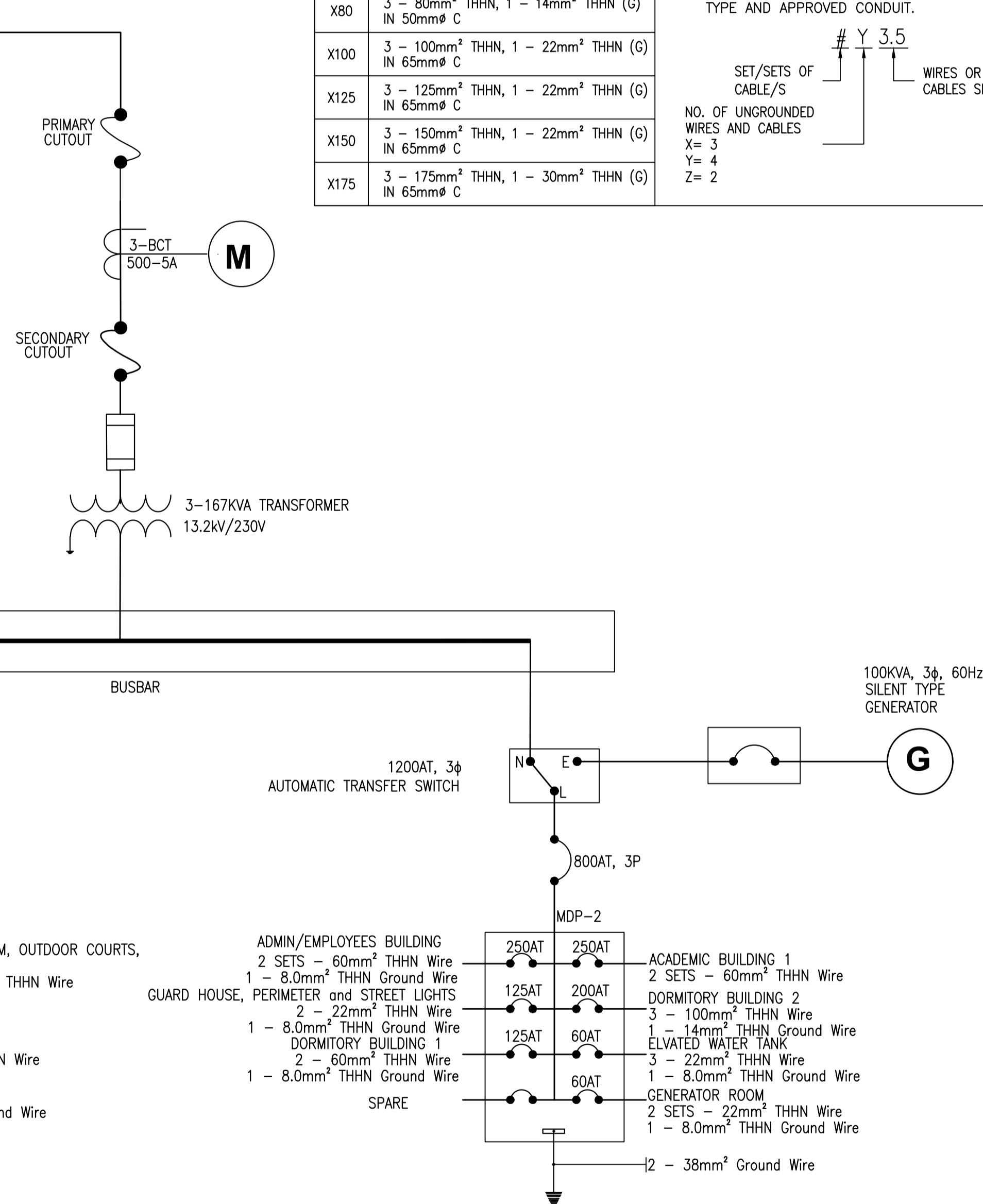


3 VICINITY PLAN

E-01 SCALE: NTS

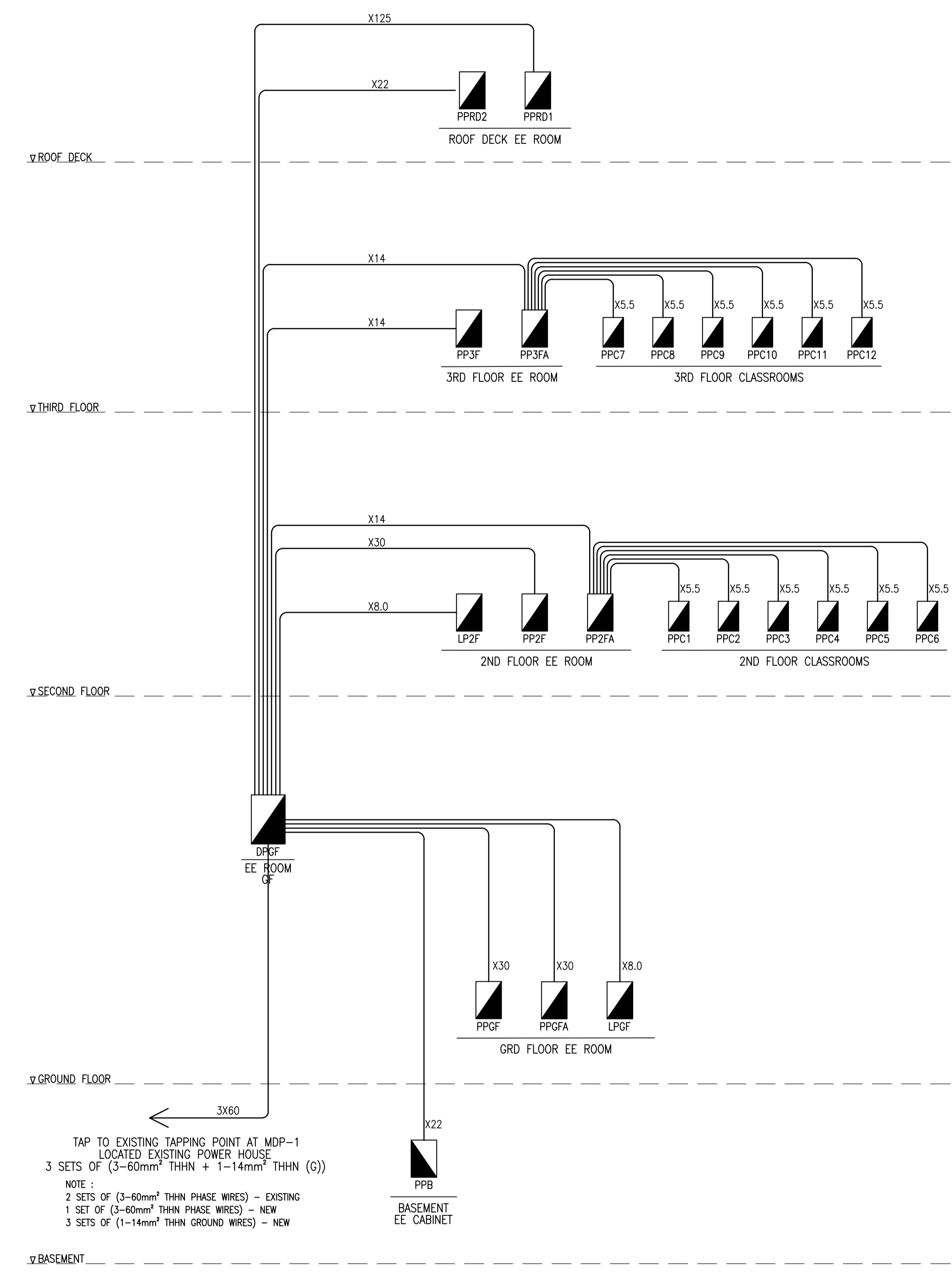
ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	DESIGNER: MANUEL V. PANIS PROFESSIONAL ELECTRICAL ENGINEER	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: DRAWING INDEX, GENERAL NOTES, LEGEND AND SYMBOL, ABBREVIATION, VICINITY PLAN	SHEET NO: E 1 17
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE (BYELORVAH HEIGHTS) QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 6698; 426 7214	PRC No. 1210 PTR No. 7731829 Place: ANTIPOLO CITY	Validity: 10/13/2023 Date: 01/04/2021 TIN: 132-466-222	LOCATION: Brgy. Rizal, Odiongan, Romblon				

Incoming Three Phase Supply
3-Wire, 60HZ, 13.2kV, Utility
Primary Line Voltage

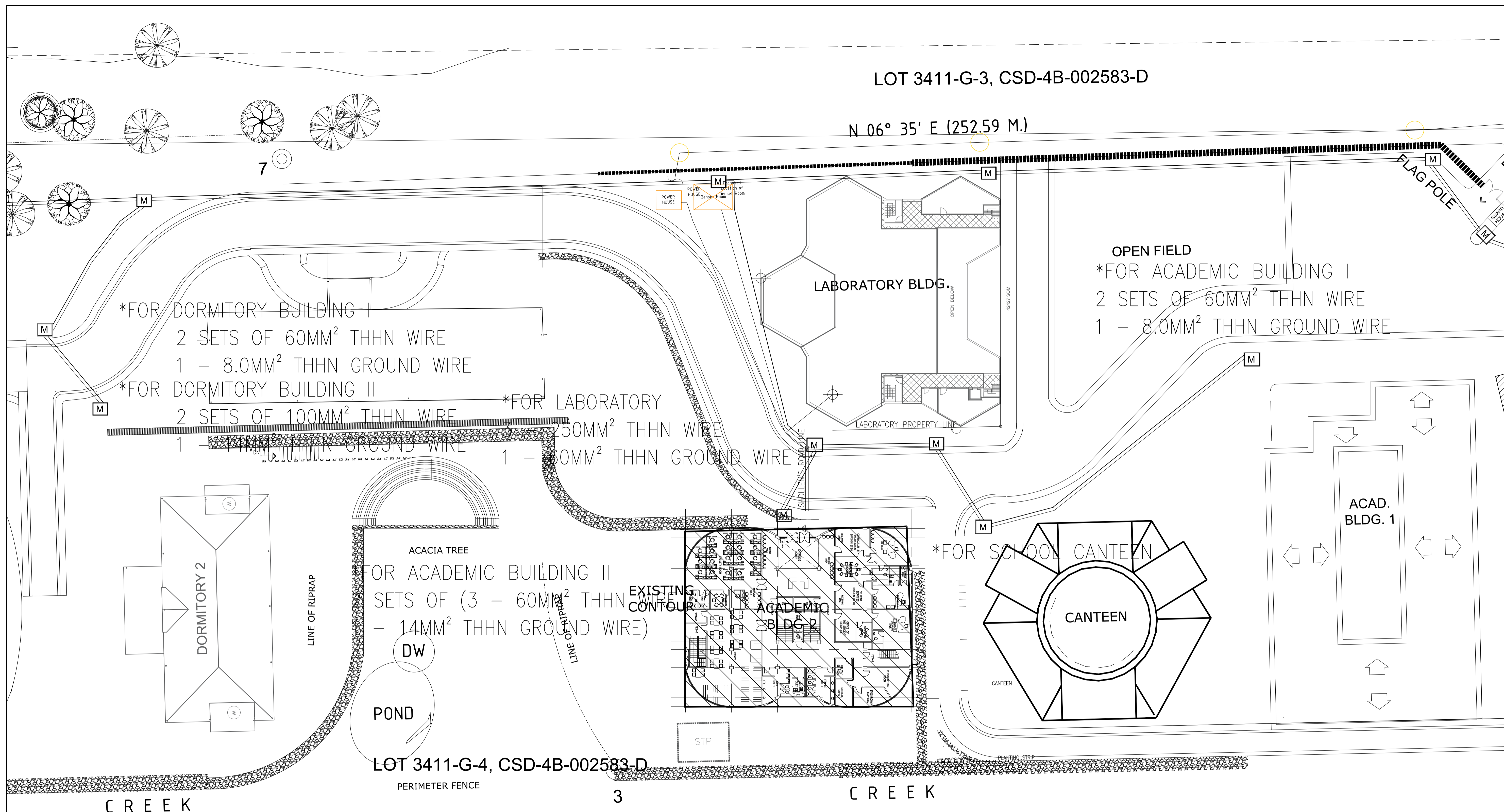


1 EXISTING DEVELOPMENT
ELECTRICAL SINGLE LINE DIAGRAM
E-02 SCALE: NTS

SYMBOL	SIZES OF WIRES & CONDUIT	SYMBOL	SIZES OF WIRES & CONDUIT
X3.5	3 - 3.5mm ² THHN, 1 - 3.5mm ² THHN (G) IN 20mm \varnothing C	X200	3 - 200mm ² THHN, 1 - 30mm ² THHN (G) IN 90mm \varnothing C
X5.5	3 - 5.5mm ² THHN, 1 - 5.5mm ² THHN (G) IN 20mm \varnothing C	X250	3 - 250mm ² THHN, 1 - 30mm ² THHN (G) IN 90mm \varnothing C
X8.0	3 - 8.0mm ² THHN, 1 - 5.5mm ² THHN (G) IN 25mm \varnothing C	2X125	2 SETS (3 - 125mm ² THHN, 1 - 22mm ² THHN (G)) IN 2x65mm \varnothing C
X14	3 - 14mm ² THHN, 1 - 5.5mm ² THHN (G) IN 32mm \varnothing C	2X150	2 SETS (3 - 150mm ² THHN, 1 - 22mm ² THHN (G)) IN 2x65mm \varnothing C
X22	3 - 22mm ² THHN, 1 - 8.0mm ² THHN (G) IN 40mm \varnothing C	2X175	2 SETS (3 - 175mm ² THHN, 1 - 30mm ² THHN (G)) IN 2x65mm \varnothing C
X30	3 - 30mm ² THHN, 1 - 8.0mm ² THHN (G) IN 40mm \varnothing C	2X200	2 SETS (3 - 200mm ² THHN, 1 - 30mm ² THHN (G)) IN 2x90mm \varnothing C
X38	3 - 38mm ² THHN, 1 - 14mm ² THHN (G) IN 40mm \varnothing C	2X250	2 SETS (3 - 250mm ² THHN, 1 - 50mm ² THHN (G)) IN 2x90mm \varnothing C
X50	3 - 50mm ² THHN, 1 - 14mm ² THHN (G) IN 50mm \varnothing C	NOTES: 1. REFER TO DRAWING INDEX FOR METHODS OF WIRING FOR TYPE OF CONDUIT. 2. REFER TO TECHNICAL SPECIFICATIONS FOR TYPE AND APPROVED CONDUIT.	
X60	3 - 60mm ² THHN, 1 - 14mm ² THHN (G) IN 50mm \varnothing C		
X80	3 - 80mm ² THHN, 1 - 14mm ² THHN (G) IN 50mm \varnothing C	SET/SETS OF CABLE/S # Y 3.5 WIRES OR CABLES SIZE	
X100	3 - 100mm ² THHN, 1 - 22mm ² THHN (G) IN 65mm \varnothing C	NO. OF UNGROUNDED WIRES AND CABLES X= 3 Y= 4 Z= 2	
X125	3 - 125mm ² THHN, 1 - 22mm ² THHN (G) IN 65mm \varnothing C		
X150	3 - 150mm ² THHN, 1 - 22mm ² THHN (G) IN 65mm \varnothing C		
X175	3 - 175mm ² THHN, 1 - 30mm ² THHN (G) IN 65mm \varnothing C		

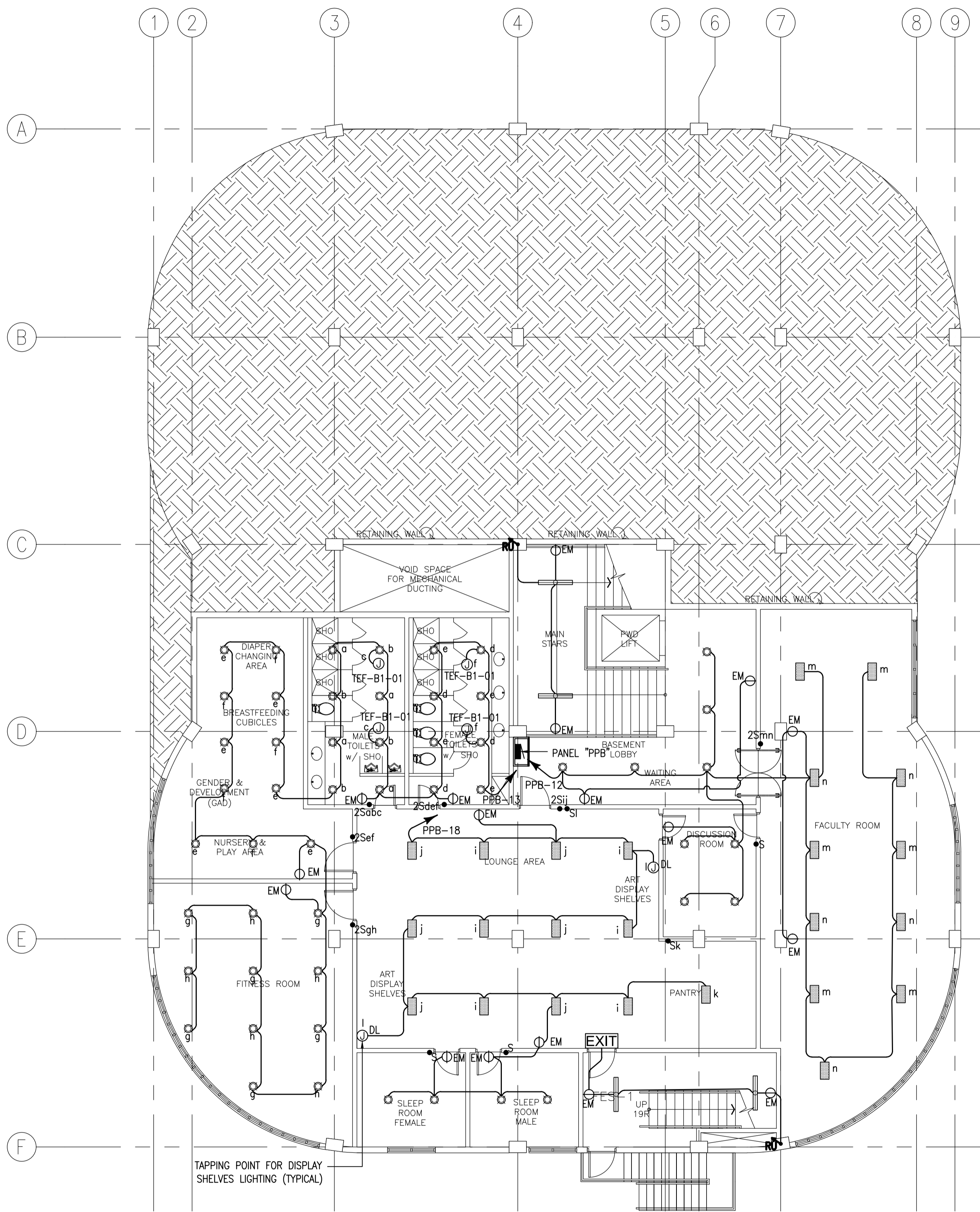


2 ACADEMIC BUILDING II
ELECTRICAL SINGLE LINE DIAGRAM
E-02 SCALE: NTS

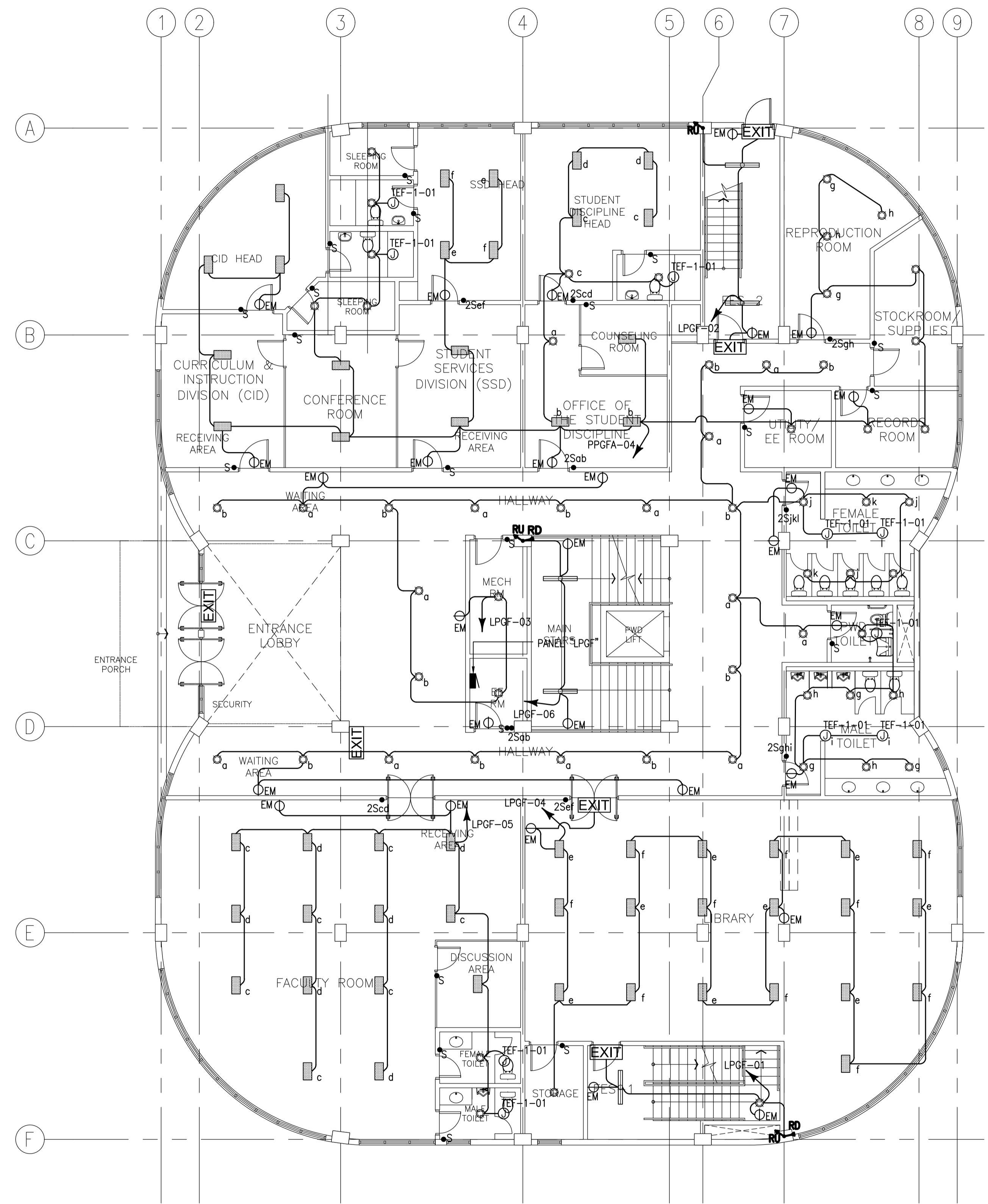


1 ACADEMIC BUILDING II
ELECTRICAL SITE DEVELOPMENT LAYOUT
SCALE 1:300MTRS

<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS</p> <p><i>IN JOINT VENTURE WITH</i></p> <p>ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>DESIGNER:</p> <p>MANUEL V. PANIS PROFESSIONAL ELECTRICAL ENGINEER</p>	<p>REPUBLIC ACT 9266</p> <p><small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small></p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>ELECTRICAL SITE DEVELOPMENT LAYOUT</p>	<p>SHEET NO:</p> <p>E 3 17</p>
	<p>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214</p>	<p>PRC No. 1210 Validity: 10/13/2023</p> <p>PTR No. 7731829 Date: 01/04/2021</p> <p>Place: ANTIPOLO CITY TIN: 132-466-222</p>	<p>LOCATION: Brgy. Rizal, Odiongan, Romblon</p>					



1 ACADEMIC BUILDING II
BASEMENT FLOOR LIGHTING LAYOUT
 SCALE: 1:100MTRS
 E-04



2 ACADEMIC BUILDING II
GROUND FLOOR LIGHTING LAYOUT
 SCALE: 1:100MTRS
 E-04

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVENUE, LONVOLE HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 9024
 FAX NOS: 927 0698;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

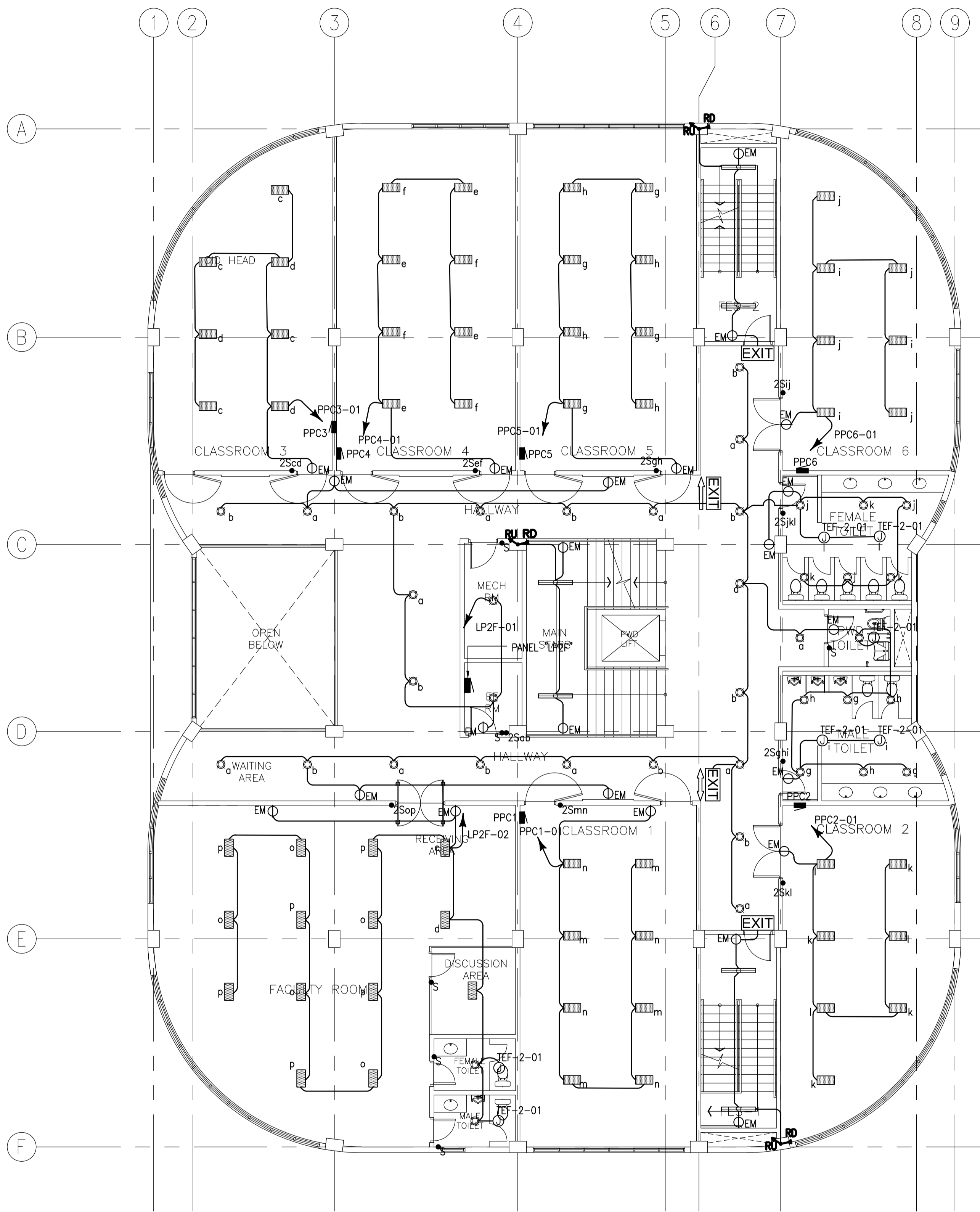
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

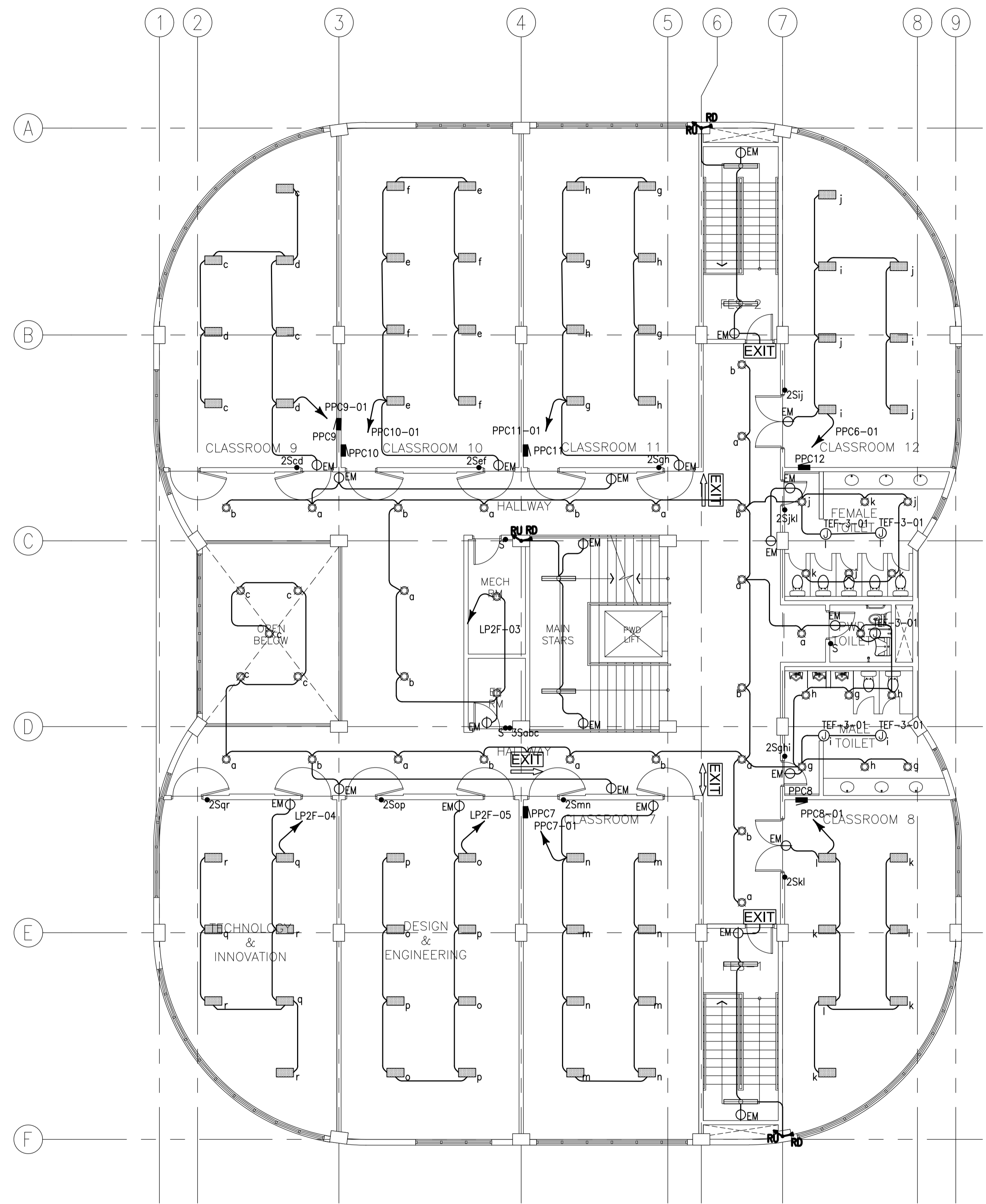
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 BASEMENT LIGHTING LAYOUT
 GROUND FLOOR LIGHTING LAYOUT

SHEET NO:
E
4 17



1 ACADEMIC BUILDING II
 SECOND FLOOR LIGHTING LAYOUT
 SCALE 1:100MTRS
 E-05



2 ACADEMIC BUILDING II
 THIRD FLOOR LIGHTING LAYOUT
 SCALE 1:100MTRS
 E-05

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE. LAYOGS HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPUTATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

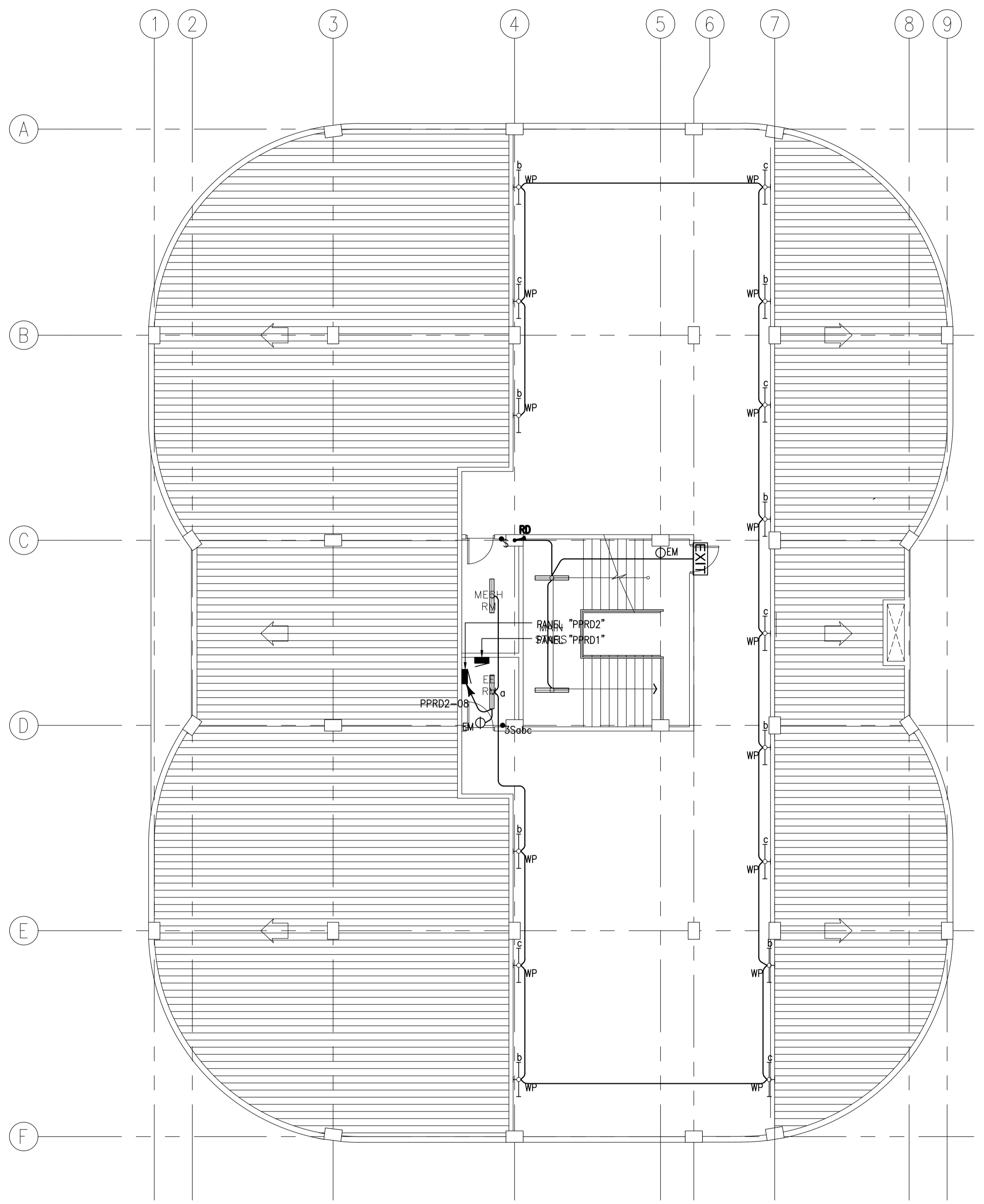
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SECOND LIGHTING LAYOUT
 THIRD FLOOR LIGHTING LAYOUT

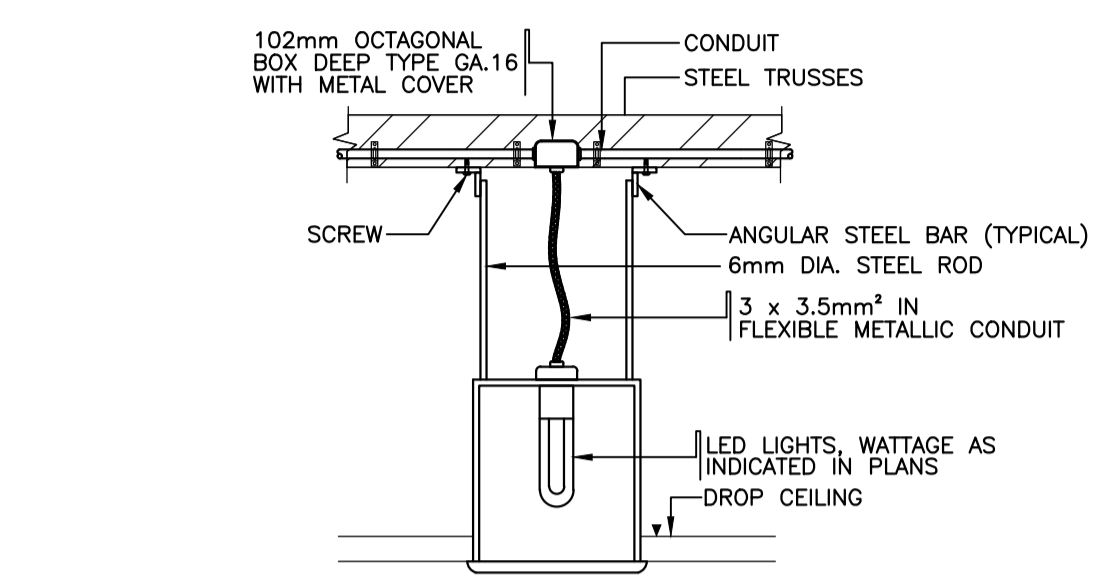
SHEET NO:
E
5 17

LIGHTING LEGEND			
	9 WATTS, 2 PCS., FLUORESCENT LUMINAIRE LED LIGHT		EXIT LIGHT COMPLETE WITH 2 HRS. BATTERY PACK
	12 WATTS, LED ROUND DOWNLIGHT		1 GANG SINGLE POLE SINGLE THROW SWITCH, 15A, 230V, 60Hz
	12 WATTS, LED SQUARE DOWNLIGHT		2 GANG SINGLE POLE SINGLE THROW SWITCH, 15A, 230V, 60Hz
	9 WATTS, 2 PCS., FLUORESCENT DUSTPROOF LUMINAIRE LED LIGHT		SINGLE RECEPTACLE, 15A, 240V, FOR EMERGENCY LIGHTS.
	32 WATTS, 2 PCS., FLUORESCENT DUSTPROOF LUMINAIRE LED LIGHT		RISER-UP / RISER DOWN

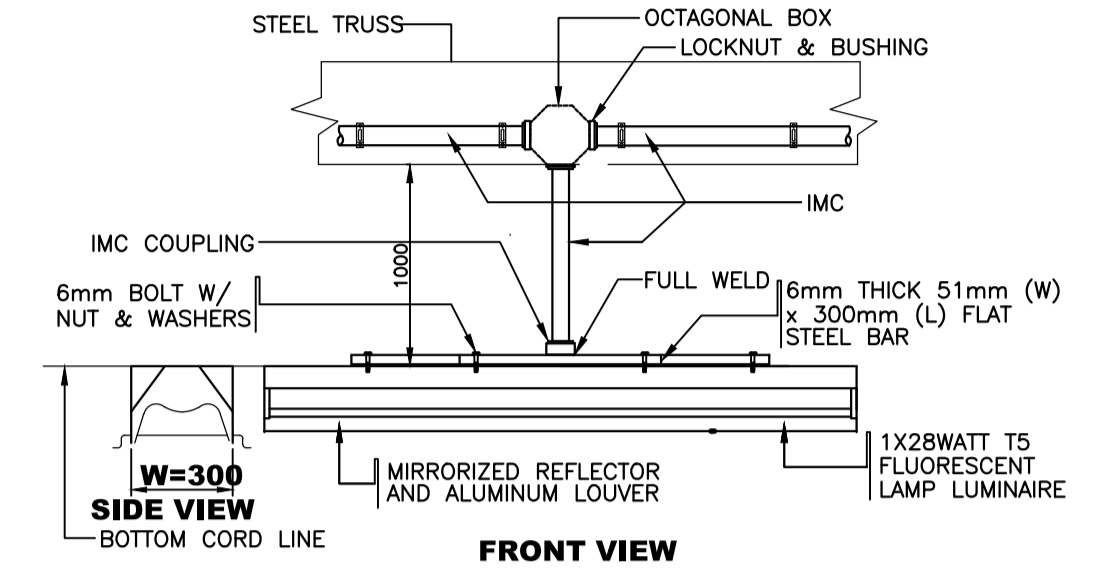
- NOTES:
- LIGHTED EXIT SIGNAGES TO BE TAP TO THE NEAREST LIGHTING CIRCUIT AHEAD OF SWITCH.
 - CONVENIENCE OUTLET FOR PORTABLE EMERGENCY LIGHTS TO BE TAP TO THE NEAREST LIGHTING CIRCUIT AHEAD OF SWITCH.
 - SEE SHEET E-? FOR PORTABLE EMERGENCY LIGHTS MOUNTING DETAILS.
 - SEE SHEET E-? FOR EXIT SIGNAGES MOUNTING DETAILS.
 - MOUNTING OF SWITCHES SHALL BE SUBJECT FOR ARCHITECT'S APPROVAL.
 - ELECTRICAL CONTRACTOR TO COORDINATE WITH OTHER ENGINEERING TRADE PRIOR TO INSTALLATION.



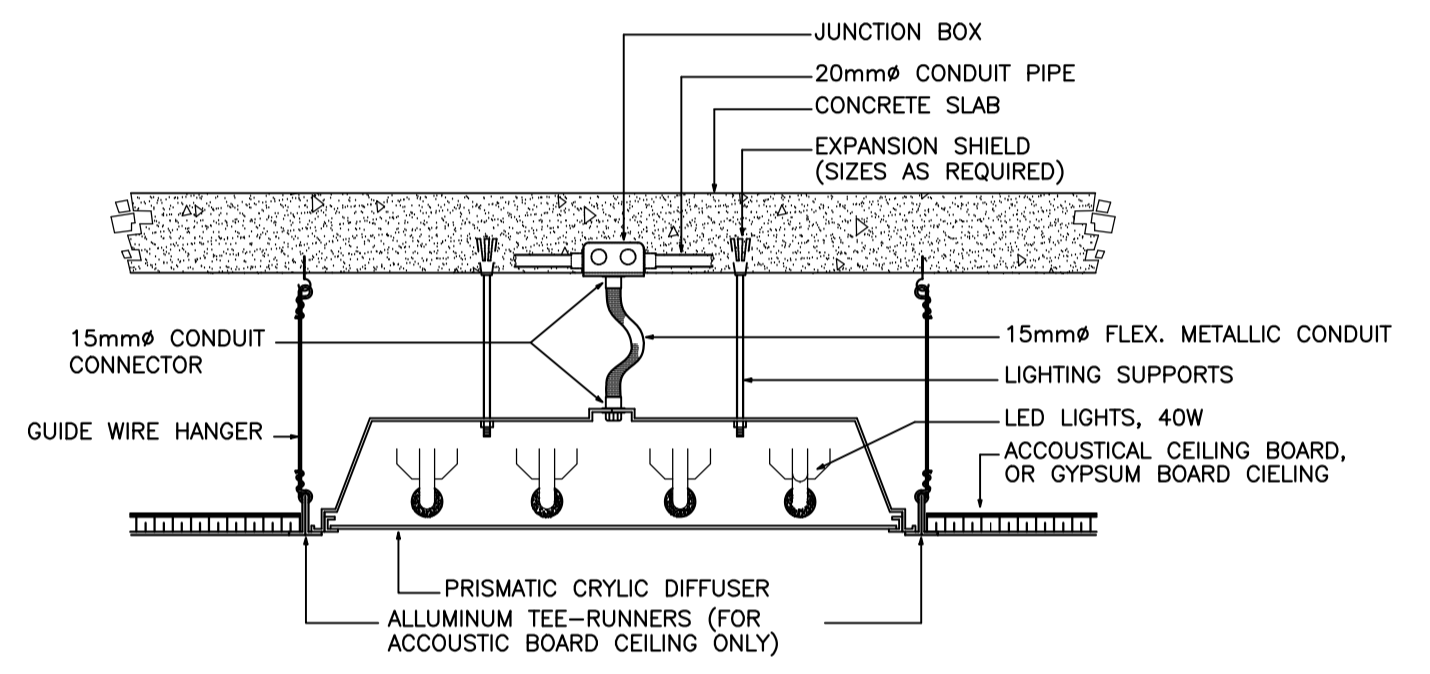
1
ACADEMIC BUILDING II
ROOF DECK LIGHTING LAYOUT
SCALE: 1:100MTRS



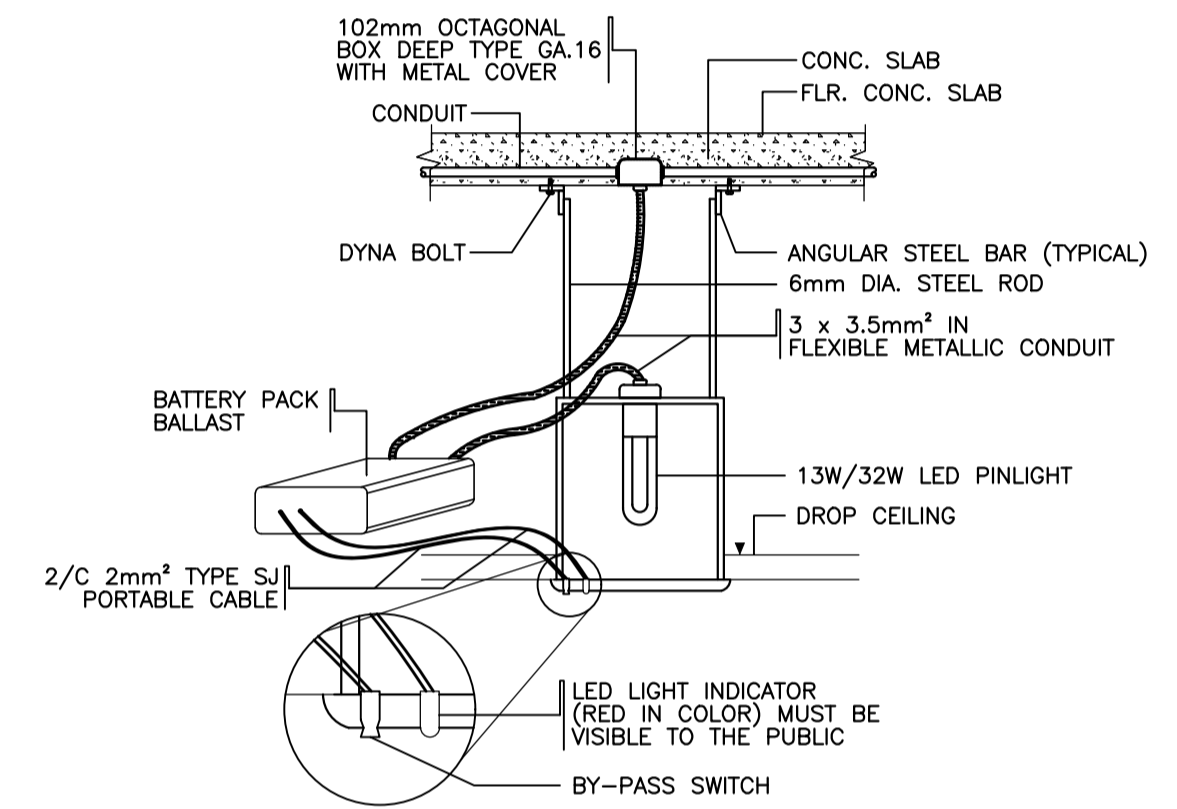
2A
RECESSED LED DOWNLIGHT LIGHTING LUMINAIRE MOUNTING DETAIL (TYPICAL)
SCALE: NTS



2B
SURFACE MTD. ON SLAB LED T8 LIGHTING LUMINAIRE MOUNTING DETAIL (TYPICAL)
SCALE: NTS

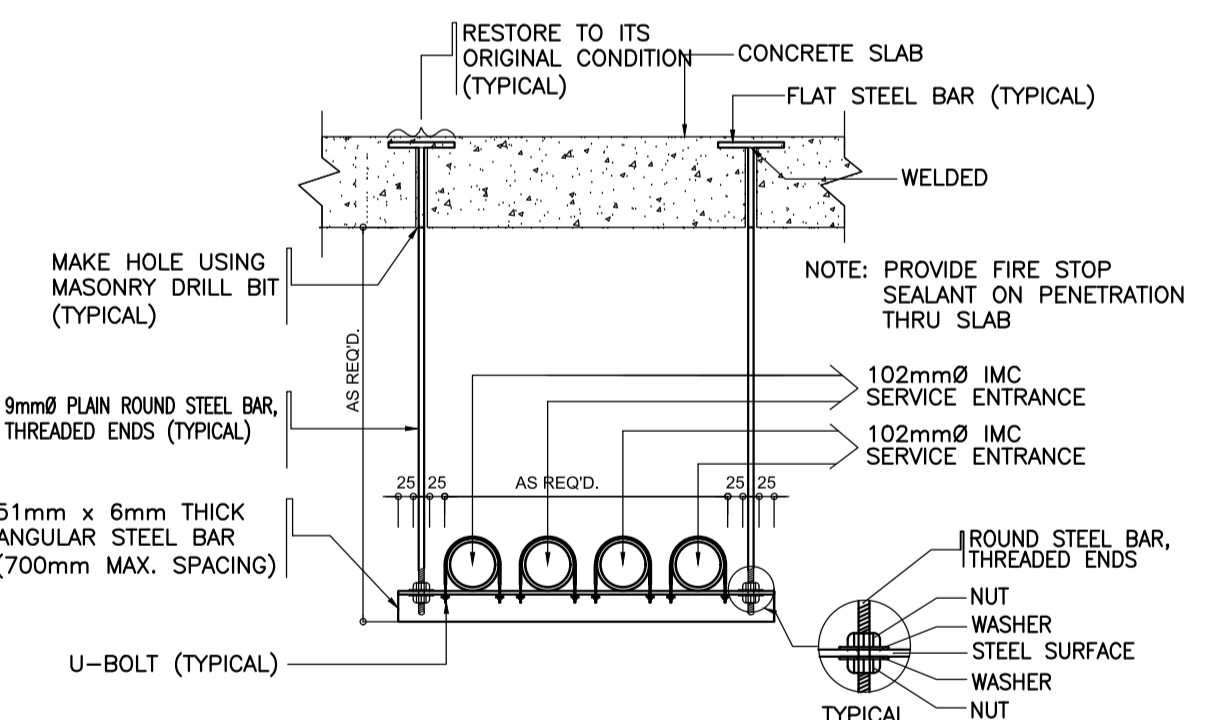


2C
RECESSED MTD. TROFFER TYPE LED PANEL LIGHTING WITH PRISMATIC DIFFUSER LUMINAIRE DETAIL (TYPICAL)
SCALE: NTS



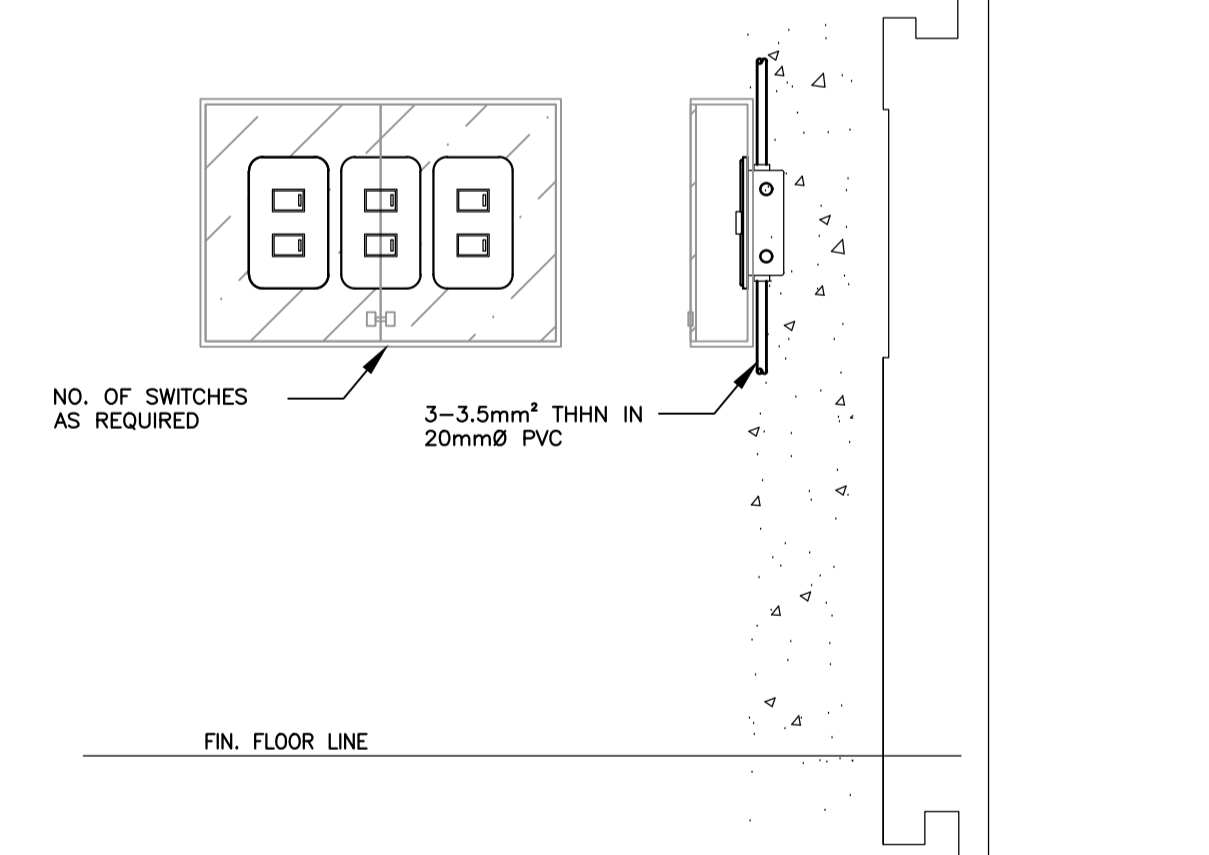
2D
PINLIGHT LED LUMINAIRE WITH BATTERY PACKED BALLAST MTG. DETAIL (TYPICAL)
SCALE: NTS

NOTE: CONTRACTOR/MANAGEMENT SHALL REQUIRED LIGHTING SUPPLIER TO SUBMIT SAMPLE OF LUMINAIRE WITH BATTERY AS SHOWN ON THE DRAWING



2E
CONDUIT ROUTE DETAIL
SCALE: NTS

NOTE: PROVIDE THIS ASSEMBLY 300mm FROM DEAD END AND CORNER, AND THEN 700mm MAX. SPACING ON STRAIGHT RUN. MIN. RADIUS OF WIREWAY BEND SHALL BE EQUAL TO ITS RESPECTIVE WIDTH.



2F
LIGHTING SWITCH BANK INSTALLATION DETAIL
SCALE: NTS

2
ACADEMIC BUILDING II
TYPICAL LIGHTING INSTALLATION DETAIL
SCALE: NTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

DESIGNER:

MANUEL V. PANIS
PROFESSIONAL ELECTRICAL ENGINEER

PRC No. 1210 Validity: 10/13/2023
PTR No. 7731829 Date: 01/04/2021
Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

**PROPOSED
ACADEMIC BUILDING II /
MULTI-PURPOSE GYMNASIUM**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

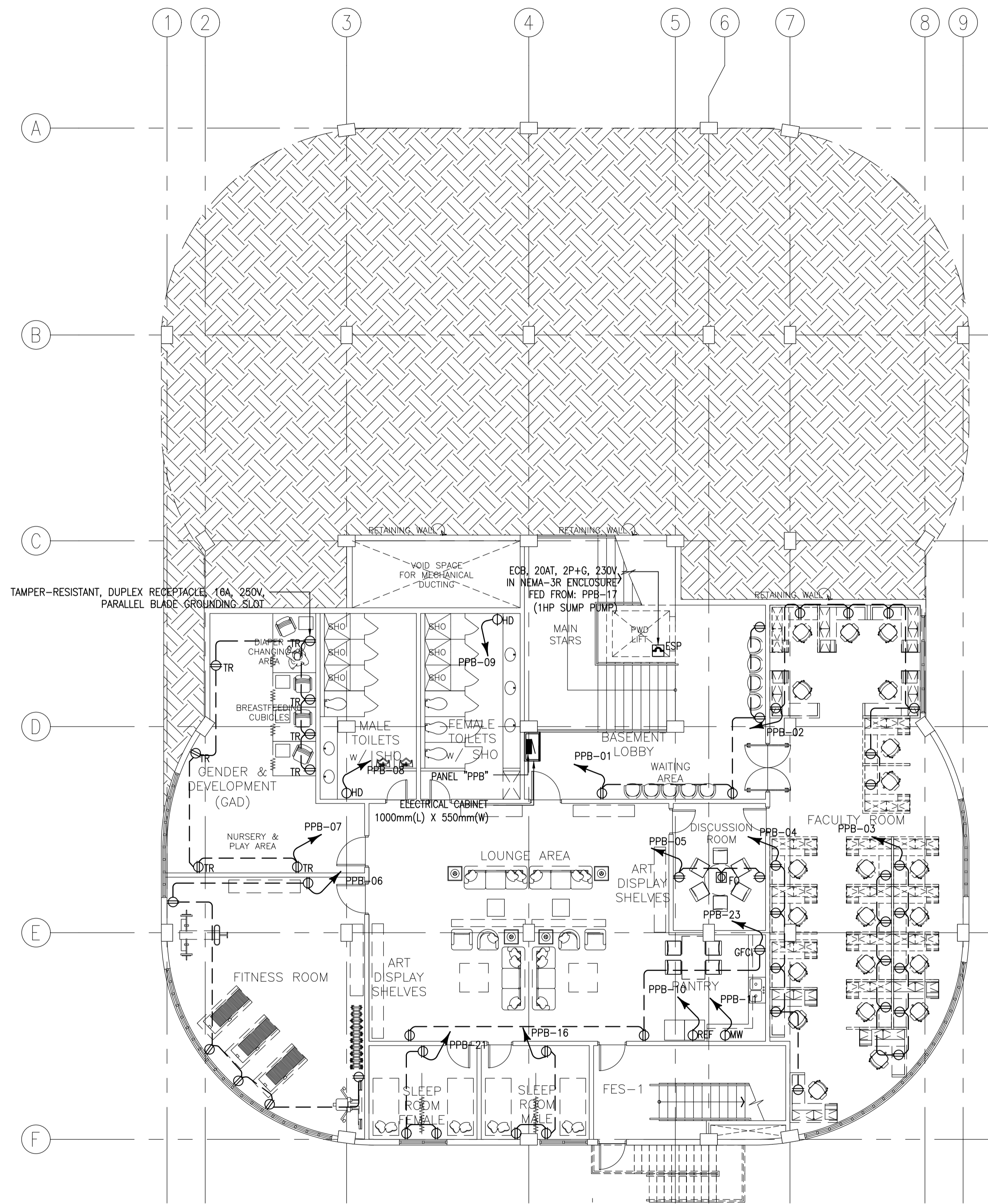
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

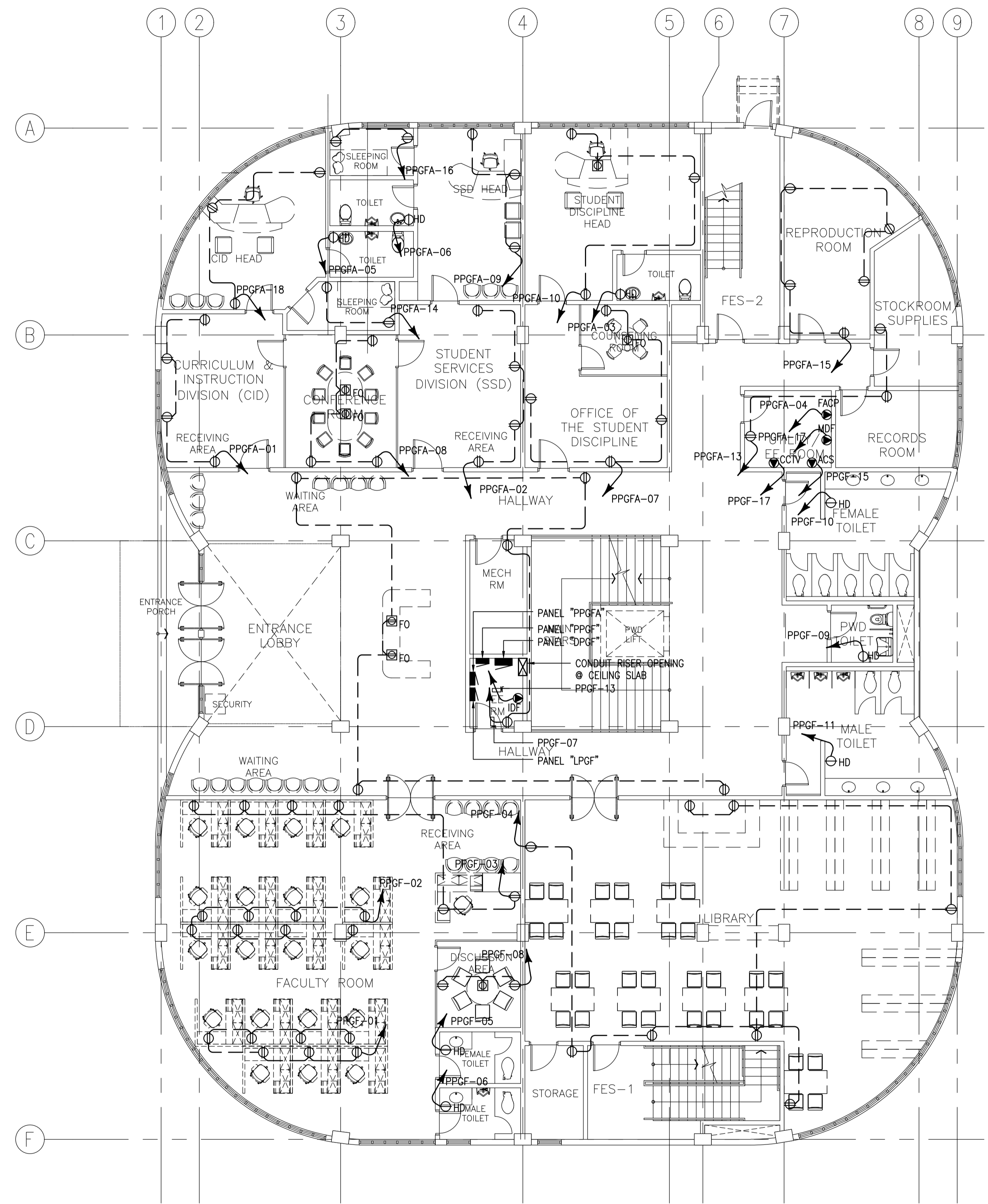
ROOF DECK LIGHTING LAYOUT
TYPICAL LIGHTING INSTALLATION DETAILS

SHEET NO:

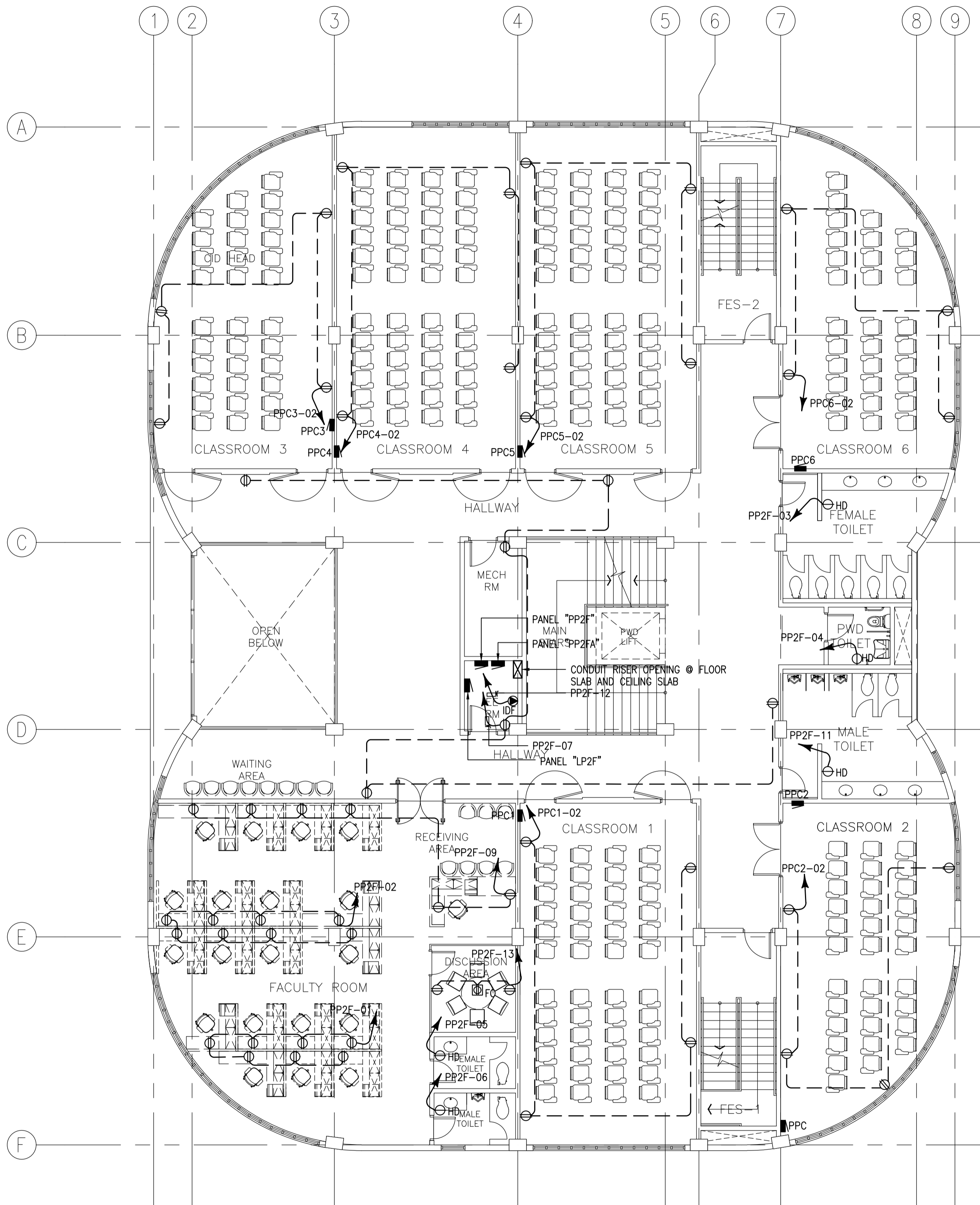
E
6 17



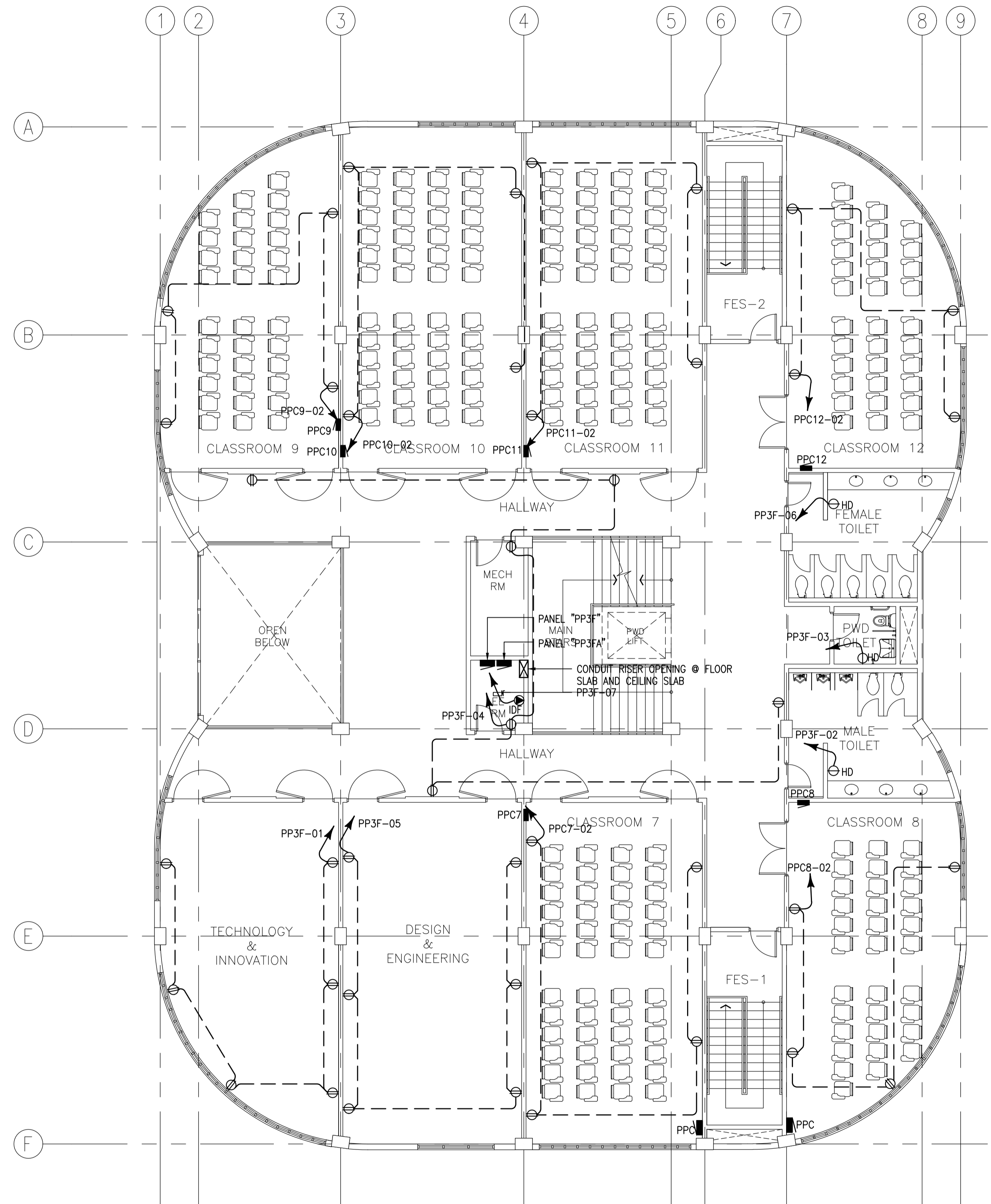
1 ACADEMIC BUILDING II
BASEMENT POWER LAYOUT
 SCALE: E-07 1:100MTRS



2 ACADEMIC BUILDING II
GROUND FLOOR POWER LAYOUT
 SCALE: E-07 1:100MTRS



1 ACADEMIC BUILDING II
 SECOND FLOOR POWER LAYOUT
 SCALE 1:100MTRS
 E-08



2 ACADEMIC BUILDING II
 THIRD FLOOR POWER LAYOUT
 SCALE 1:100MTRS
 E-08

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE. LAYUNGA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

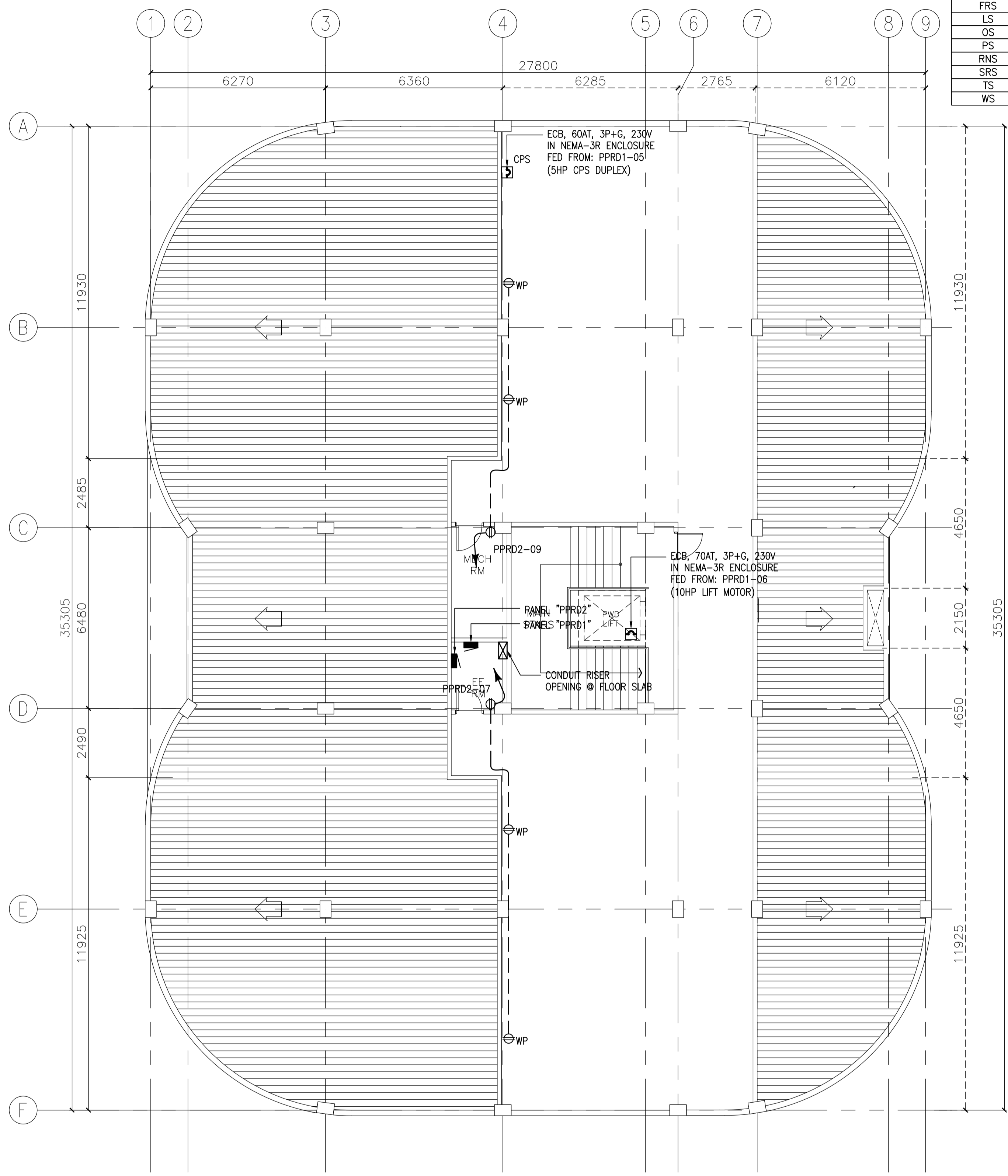
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

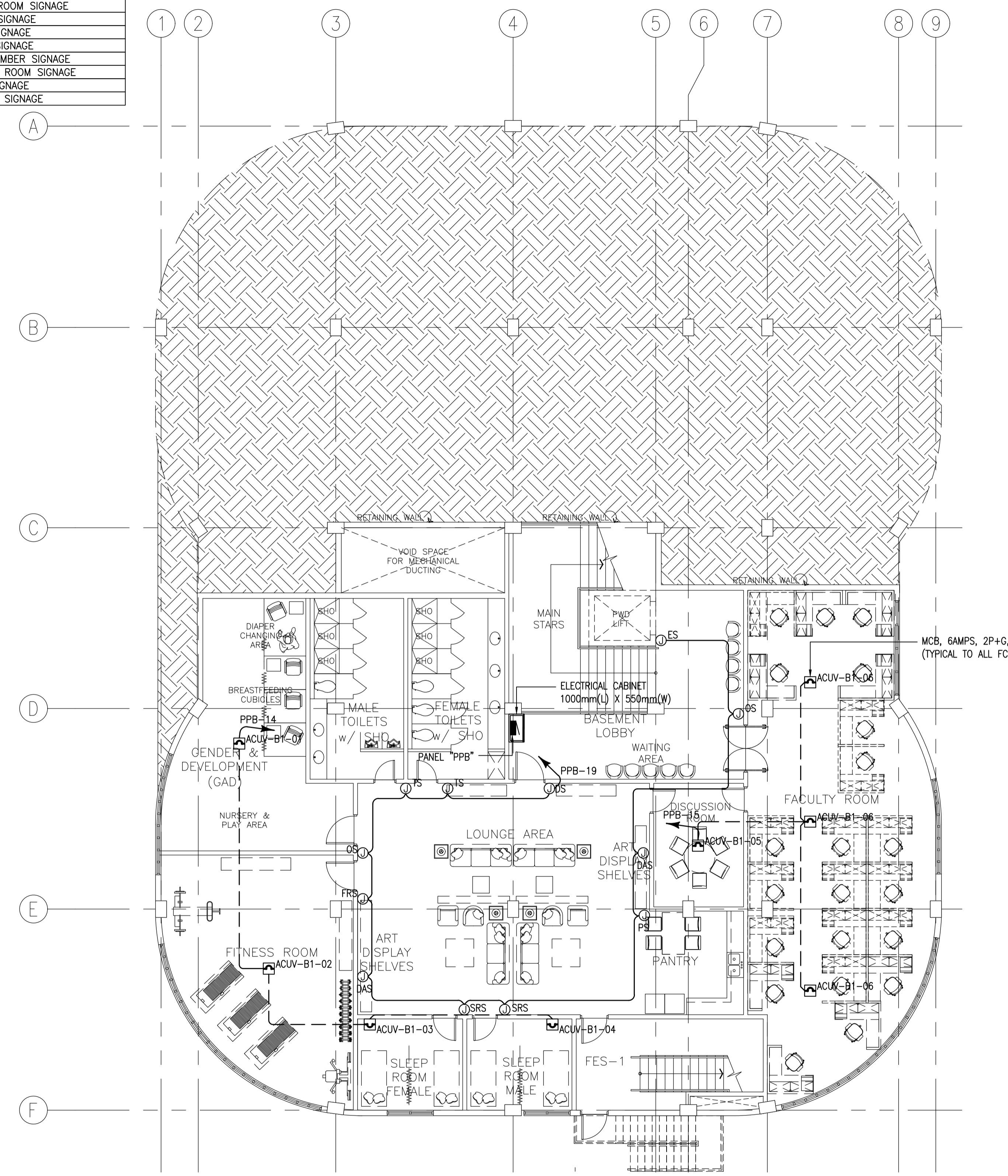
SHEET CONTENTS:
 SECOND FLOOR POWER LAYOUT
 THIRD FLOOR POWER LAYOUT

SHEET NO:
E
8 17

LOCATIONAL/DIRECTIONAL SIGNAGES ABBREVIATION	
CRS	CONFERENCE ROOM SIGNAGE
DAS	DISPLAY AREA SIGNAGE
DS	DIRECTIONAL SIGNAGE
ES	ELEVATOR/LIFT SIGNAGE
FRS	FITNESS ROOM SIGNAGE
LS	LIBRARY SIGNAGE
OS	OFFICE SIGNAGE
PS	PANTRY SIGNAGE
RNS	ROOM NUMBER SIGNAGE
SRS	SLEEPING ROOM SIGNAGE
TS	TOILET SIGNAGE
WS	WELCOME SIGNAGE



1 ACADEMIC BUILDING II
ROOF DECK POWER LAYOUT
 SCALE: 1:100MTRS
 E-09



2 ACADEMIC BUILDING II
BASEMENT MECHANICAL EQUIPMENT & SIGNAGES POWER LAYOUT
 SCALE: 1:100MTRS
 E-09

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVE. LONVOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

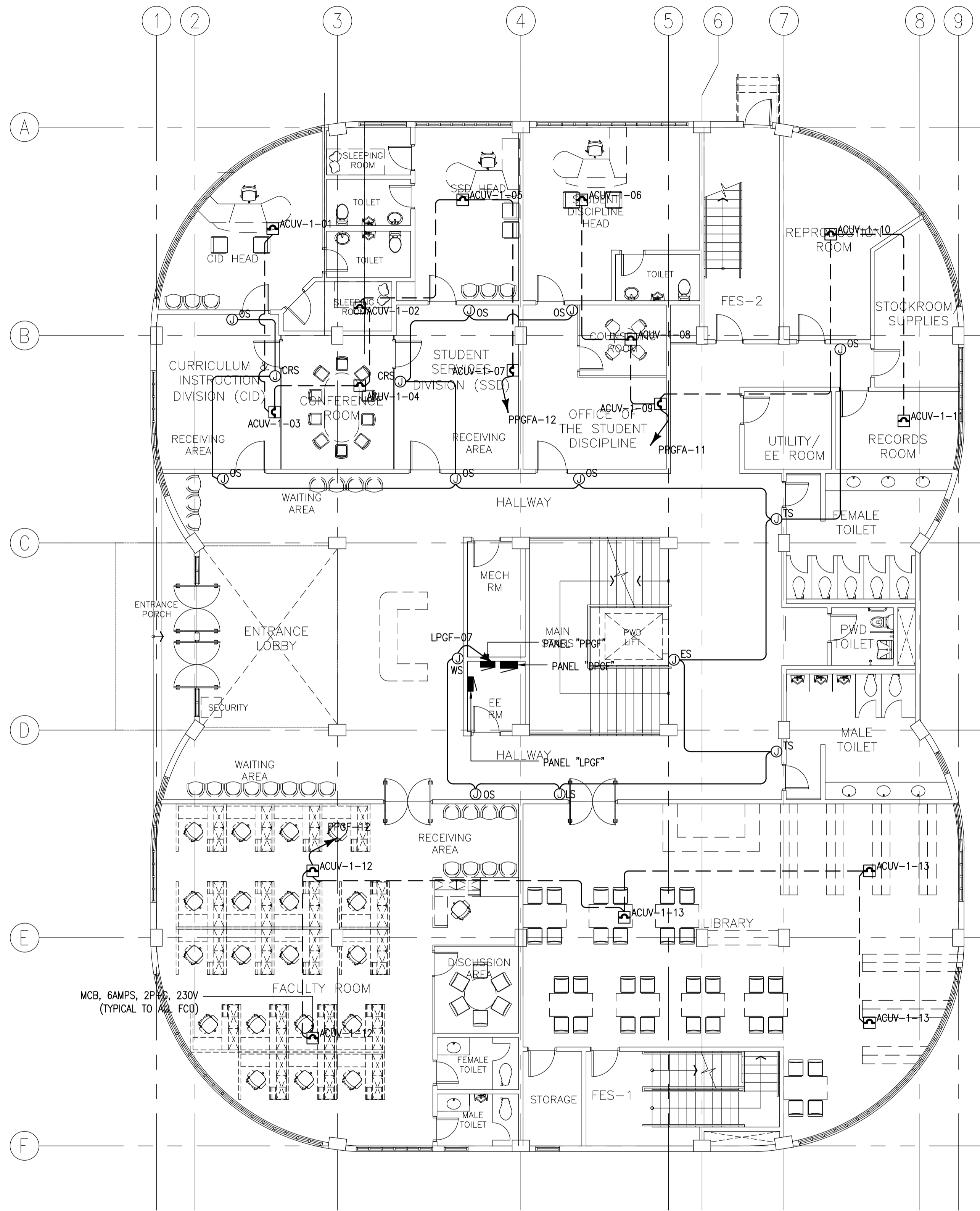
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

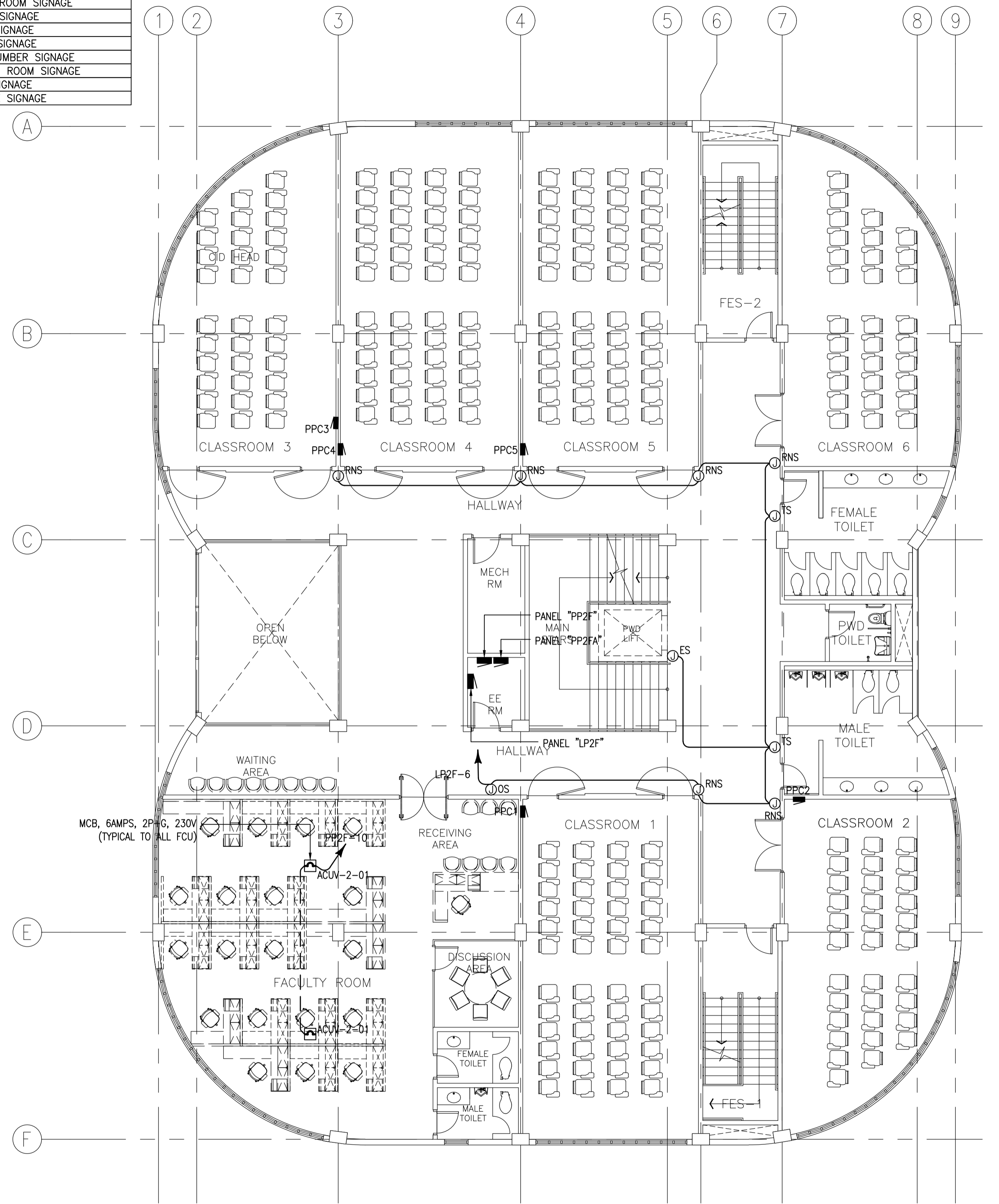
SHEET CONTENTS:
 ROOF DECK POWER LAYOUT
 BASEMENT MECHANICAL EQUIPMENT
 POWER LAYOUT

SHEET NO:
E
9 17

LOCATIONAL/DIRECTIONAL SIGNAGES ABBREVIATION	
CRS	CONFERENCE ROOM SIGNAGE
DAS	DISPLAY AREA SIGNAGE
DS	DIRECTIONAL SIGNAGE
ES	ELEVATOR/LIFT SIGNAGE
FRS	FITNESS ROOM SIGNAGE
LS	LIBRARY SIGNAGE
OS	OFFICE SIGNAGE
PS	PANTRY SIGNAGE
RNS	ROOM NUMBER SIGNAGE
SRS	SLEEPING ROOM SIGNAGE
TS	TOILET SIGNAGE
WS	WELCOME SIGNAGE



1 ACADEMIC BUILDING II
GROUND FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT
 SCALE: E-10 1:100MTRS




2 ACADEMIC BUILDING II
SECOND FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT
 SCALE: E-10 1:100MTRS

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

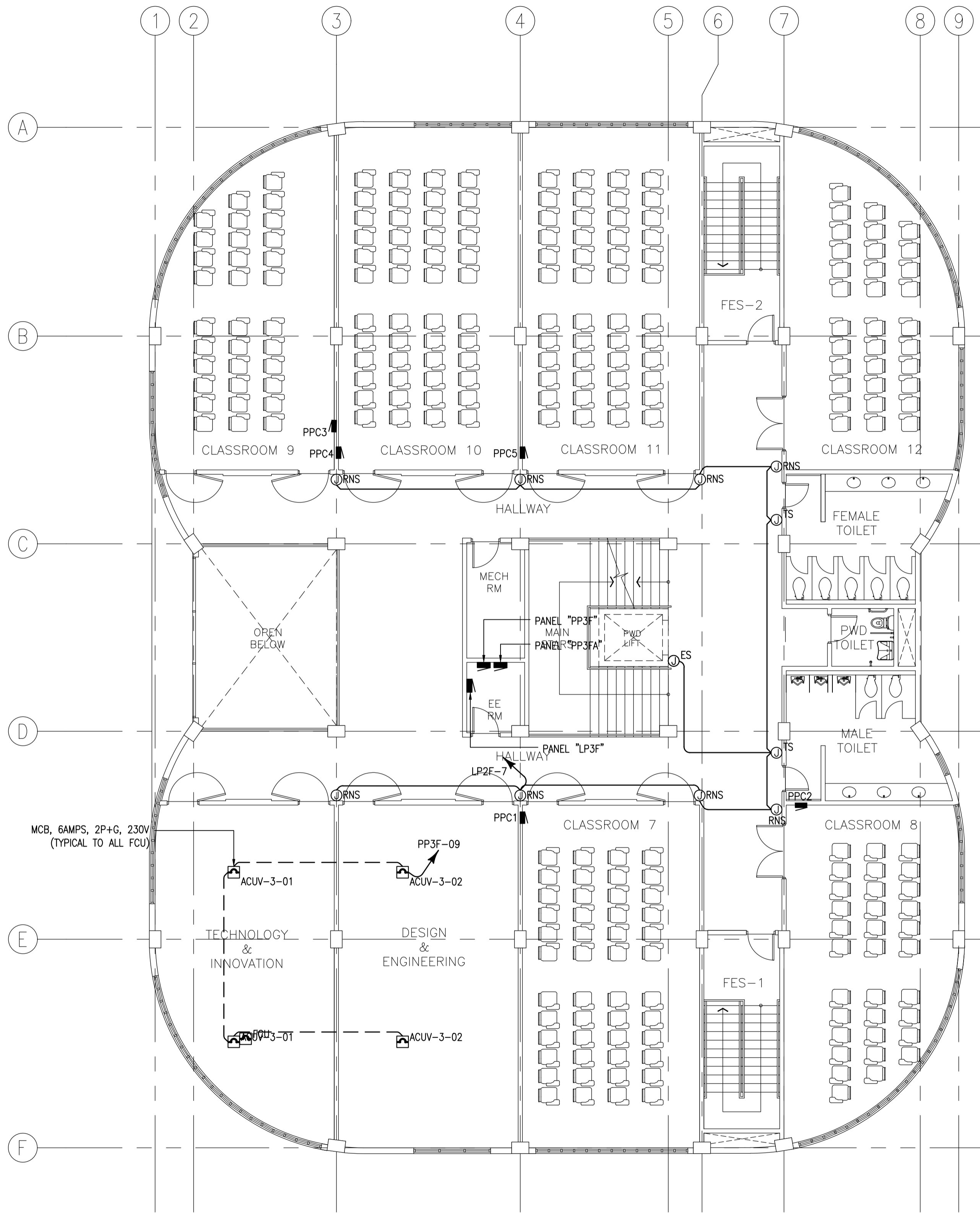
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

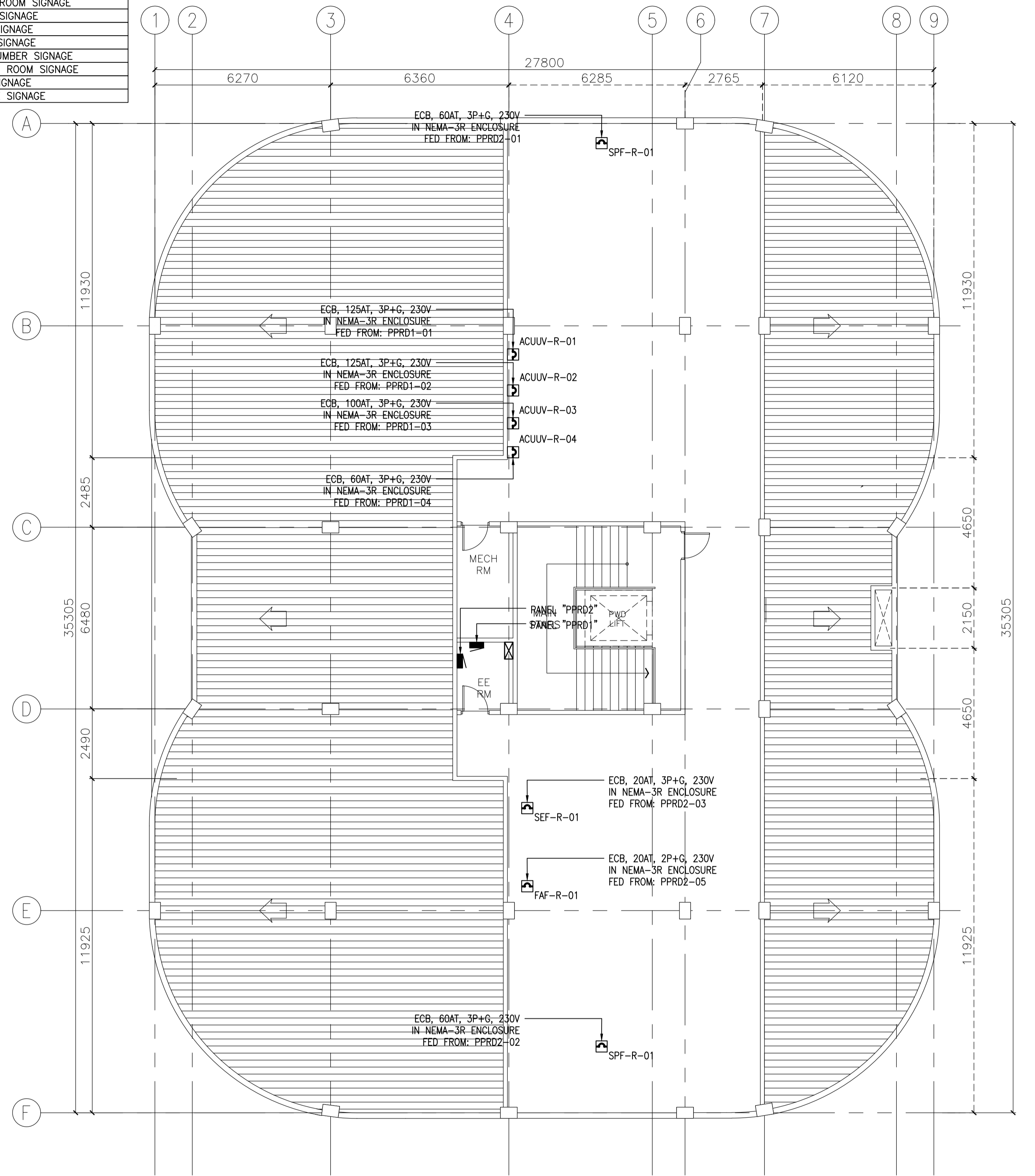
SHEET CONTENTS:
 GROUND FLOOR MECHANICAL EQUIPMENT POWER LAYOUT
 SECOND FLOOR MECHANICAL EQUIPMENT POWER LAYOUT

SHEET NO:
E
10 17

LOCATIONAL/DIRECTIONAL SIGNAGES ABBREVIATION	
CRS	CONFERENCE ROOM SIGNAGE
DAS	DISPLAY AREA SIGNAGE
DS	DIRECTIONAL SIGNAGE
ES	ELEVATOR/LIFT SIGNAGE
FRS	FITNESS ROOM SIGNAGE
LS	LIBRARY SIGNAGE
OS	OFFICE SIGNAGE
PS	PANTRY SIGNAGE
RNS	ROOM NUMBER SIGNAGE
SRS	SLEEPING ROOM SIGNAGE
TS	TOILET SIGNAGE
WS	WELCOME SIGNAGE



1 ACADEMIC BUILDING II
THIRD FLOOR MECHANICAL EQUIPMENT AND SIGNAGES POWER LAYOUT
 SCALE: 1:100MTRS



2 ACADEMIC BUILDING II
ROOF DECK MECHANICAL EQUIPMENT POWER LAYOUT
 SCALE: 1:100MTRS

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVENUE, LOVELA HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

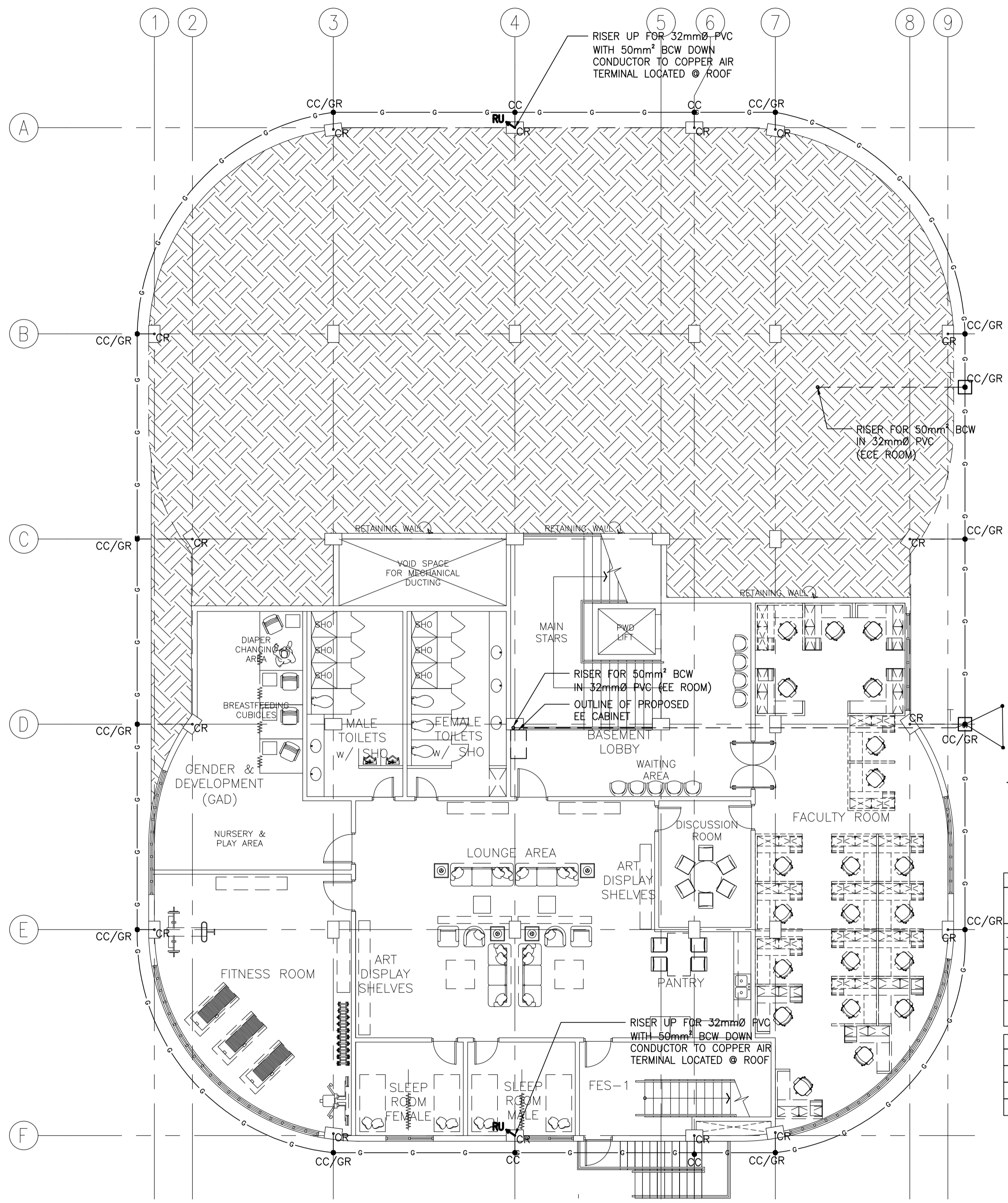
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

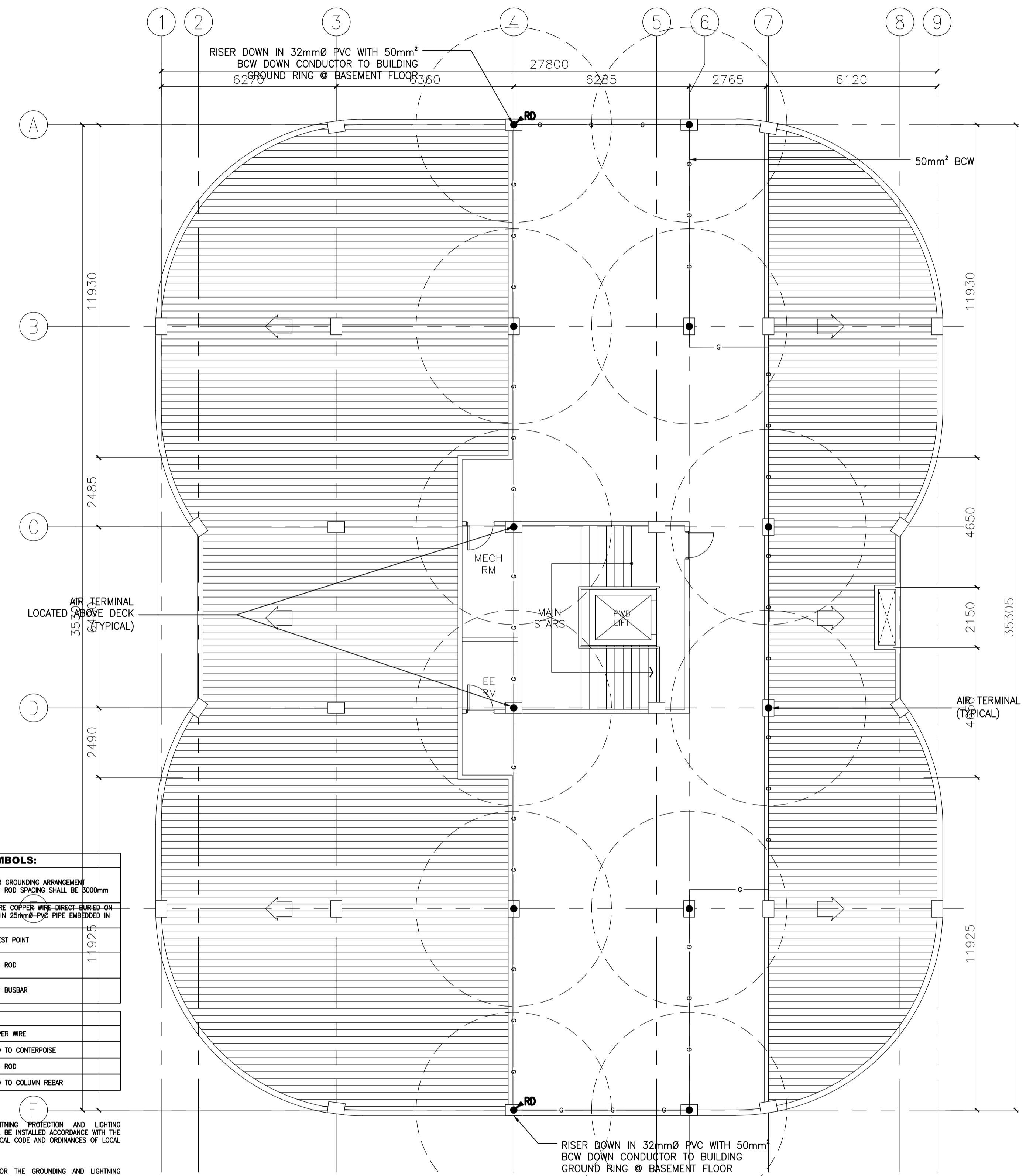
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 THIRD FLOOR MECHANICAL EQUIPMENT
 POWER LAYOUT
 ROOF DECK MECHANICAL EQUIPMENT
 POWER LAYOUT

SHEET NO:
E
11 17



1 ACADEMIC BUILDING II
 BASEMENT GROUNDING SYSTEM LAYOUT
 SCALE: 1:100MTRS



2 ACADEMIC BUILDING II
 ROOF DECK LIGHTNING PROTECTION LAYOUT
 SCALE: 1:100MTRS

LEGEND AND SYMBOLS:

	TRIANGULAR GROUNDING ARRANGEMENT GROUNDING ROD SPACING SHALL BE 3000mm
	50mm ² BARE COPPER WIRE DIRECT BURIED ON EARTH OR IN 25mmØ PVC PIPE EMBEDDED IN CONCRETE
	GROUND TEST POINT
	GROUNDING ROD
	GROUNDING BUSBAR

ABBREVIATION:

BCW	BARE COPPER WIRE
CC	CONNECTED TO CENTERPOISE
GR	GROUNDING ROD
CR	CONNECTED TO COLUMN REBAR

NOTES:

- GROUNDING AND LIGHTNING PROTECTION AND LIGHTING PROTECTION SYSTEM SHALL BE INSTALLED ACCORDANCE WITH THE LATEST PHILIPPINE ELECTRICAL CODE AND ORDINANCES OF LOCAL AUTHORITIES.
- OVER-ALL IMPEDANCE FOR THE GROUNDING AND LIGHTNING PROTECTION NETWORK SHALL BE LESS THAN 1 OHM.
- MINIMUM COPPER GROUND BAR SIZE SHALL BE 300mm(L) x 100mm(h) x 7mm(T) AND SHALL BE COMPLETE WITH WALL MOUNTED INSULATOR SPACER.
- ALL ELECTRICAL EQUIPMENT/ DEVICES SUCH AS TRANSFORMERS, GENSETS, SWITCHGEARS, ETC. WITH PROTRUDING METAL SHALL BE EFFECTIVELY BONDED TO THE GROUND.
- DOWN CONDUCTOR FOR LIGHTNING ARRESTER SHALL BE CONTINUOUS. USE EXOTHERMIC WELD FOR ALL WIRE CONNECTIONS.

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVE. LONVOVA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 9024
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER

PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 BASEMENT GROUNDING SYSTEM LAYOUT
 ROOF DECK LIGHTNING PROTECTION LAYOUT

SHEET NO:
E
 12 17

PANEL NAME: LPGF FED FROM: DPGF SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: EE ROOM - GF MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1																	
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS			
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE		TYPE		
1	FIRE EXIT LIGHTING	544	0.90	490	230	2.37				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
2	FIRE EXIT LIGHTING	464	0.90	418	230	2.02				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
3	LIGHTING	793	0.90	714	230		3.45			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
4	LIGHTING	937	0.90	843	230		4.07			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
5	LIGHTING	568	0.90	511	230			2.47		20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
6	STAIRCASE LIGHTING	712	0.90	641	230			3.10		20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
7	ELECTRONIC SIGNAGES	375	0.90	338	230		1.63			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
8	SPARE				230		0.00			20	100	2	18	MCCB							
9	SPARE				230		0.00			20	100	2	18	MCCB							
10	SPARE				230		0.00			20	100	2	18	MCCB							
11	SPARE				230		0.00			20	100	2	18	MCCB							
12	SPARE				230		0.00			20	100	2	18	MCCB							
TOTAL						3,385	0.90	3,047	230	6.01	7.52	5.57	40	100	3	22	MCCB	3 - 8.0mm ² THWN	1 - 5.5mm ² TW	25	IMC

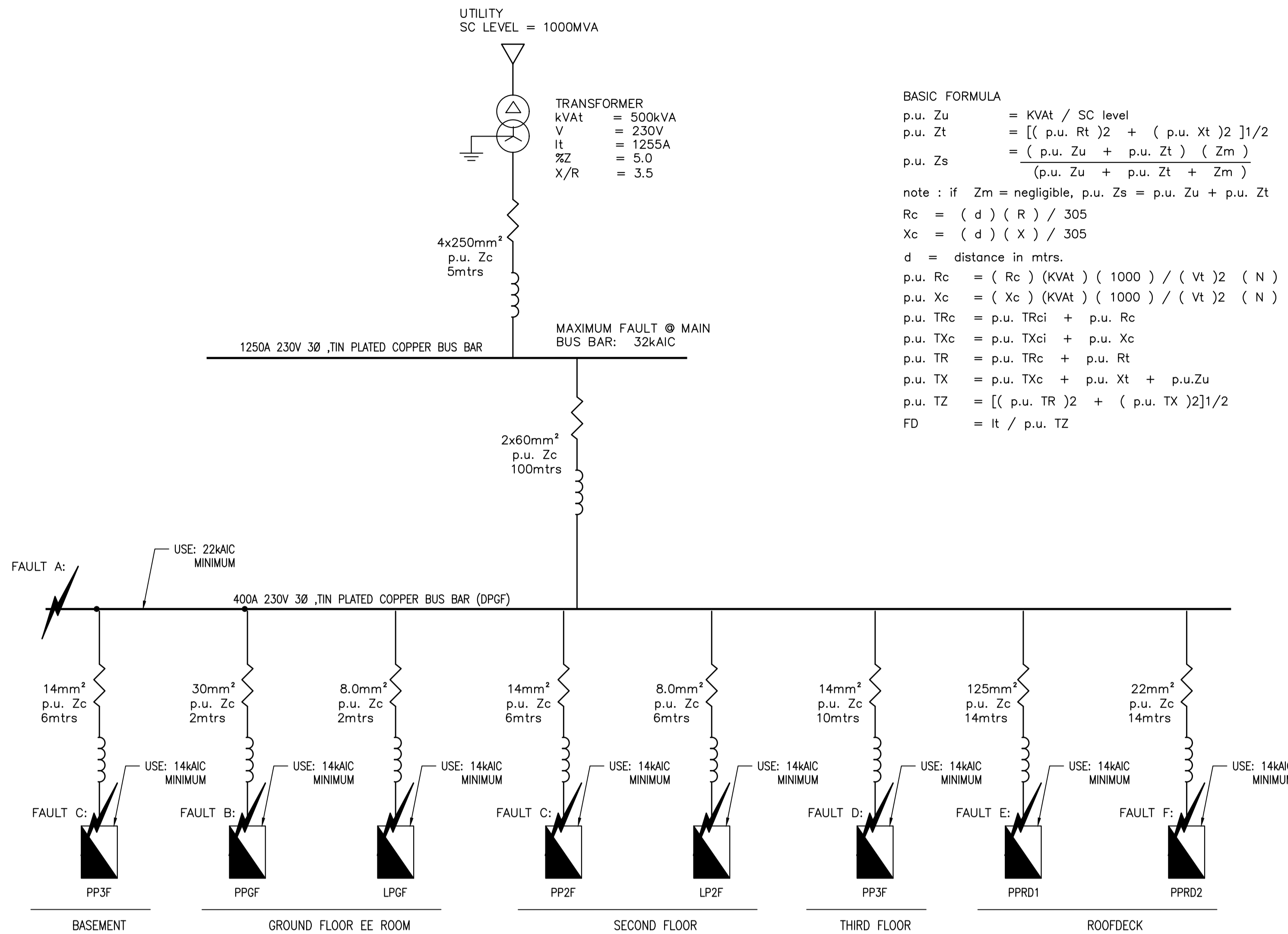
PANEL NAME: PP2F FED FROM: DPGF SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: EE ROOM MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1																	
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS			
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE		TYPE		
1	CONVENIENCE OUTLET	1,260	0.80	1,008	230	5.48				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
2	CONVENIENCE OUTLET	1,440	0.80	1,152	230	6.26				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
3	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
4	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
5	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
6	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
7	CONVENIENCE OUTLET	1,080	0.80	864	230	4.70				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
8	SPARE				230		0.00			20	100	2	18	MCCB							
9	CONVENIENCE OUTLET	1,080	0.80	864	230	4.70				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
10	ACUV-2-01	353	0.80	282	230		1.53			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
11	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
12	SPARE				230		0.00			20	100	2	18	MCCB							
13	CONVENIENCE OUTLET	540	0.80	432	230	2.35				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC			
14	SPARE				230		0.00			20	100	2	18	MCCB							
15	SPARE				230		0.00			20	100	2	18	MCCB							
16	SPARE				230		0.00			20	100	2	18	MCCB							
TOTAL						13,253	0.69	9,102	230	18.78	19.27	19.57	50	100	3	22	MCCB	3 - 14mm ² THWN	1 - 5.5mm ² TW	32	IMC

PANEL NAME: PP2FA FED FROM: DPGF SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: EE ROOM MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1																	
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS			
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE		TYPE		
1	PPC1	1,232	0.81	1,001	230	5.36				30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
2	PPC2	1,232	0.81	1,001	230	5.36				30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
3	PPC3	1,232	0.81	1,001	230		5.36			30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
4	PPC4	1,232	0.81	1,001	230		5.36			30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
5	PPC5	1,232	0.81	1,001	230		5.36			30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
6	PPC6	1,232	0.81	1,001	230		5.36			30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC			
TOTAL						7,392	0.81	6,005	230	10.71	10.71	10.71	50	100	3	22	MCCB	3 - 14mm ² THWN	1 - 5.5mm ² TW	32	IMC

PANEL NAME: PRC1 (TYP. UP TO PPC6) FED FROM: PP2FA SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: CLASSROOM MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1															
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS	
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE		TYPE
1	LIGHTINGS	152	0.90	137	230	0.66				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC	
2	CONVENIENCE OUTLET	1,080	0.80	864	230	4.70				20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC	
3	SPARE				230	0.00				20	100	2	18	MCCB					
4	SPARE				230	0.00				20	100	2	18	MCCB					
TOTAL						1,232	0.81	1,001	230	5.36	30	100	2	22	MCCB	2 - 5.5mm ² THWN	1 - 5.5mm ² TW	20	IMC

PANEL NAME: LP2F FED FROM: DPGF SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: EE ROOM - 2F MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1																	
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS			
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE		TYPE		
1	LIGHTING-2F	793	0.90	714	230		3.45			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
2	LIGHTING-2F	260	0.90	234	230		1.13			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
3	LIGHTING-3F	625	0.90	562	230			2.72		20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
4	LIGHTING	407	0.90	367	230			1.77		20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
5	LIGHTING	144	0.90	130	230				0.63	20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
6	ELECTRONIC SIGNAGES	250	0.90	225	230				1.09	20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
7	ELECTRONIC SIGNAGES	275	0.90	248	230		1.20			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	15	EMT/IMC			
8	SPARE				230		0.00			20	100	2	18	MCCB							
9	SPARE				230		0.00			20	100	2	18	MCCB							
10	SPARE				230		0.00			20	100	2	18	MCCB							
11	SPARE				230		0.00			20	100	2	18	MCCB							
12	SPARE				230		0.00			20	100	2	18	MCCB							
TOTAL						2,754	0.90	2,479	230	5.78	4.49	1.71	40	100	3	22	MCCB	3 - 8.0mm ² THWN	1 - 5.5mm ² TW	25	IMC

PANEL NAME: PP3F FED FROM: DPGF SYSTEM: 230Vac, 3Ø, 3w, 60Hz				LOCATION: EE ROOM MOUNTING: WALL MOUNTED ENCLOSURE: NEMA-1														
CKT NO.	DESCRIPTION	CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	VOLT	AMPERE LOAD				CIRCUIT BREAKER				CABLE SIZE		CONDUIT		REMARKS
						3Ø	ØAB	ØCA	ØBC	AT	AF	POLE	kAIC	TYPE	PHASE & NEUTRAL	GROUND	SIZE	
1	CONVENIENCE OUTLET	1,080	0.80	864	230					20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC
2	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC
3	HAND DRYER	1,500	0.60	900	230		6.52			20	100	2	18	MCCB	2 - 3.5mm ² THWN	1 - 3.5mm ² TW	20	PVC
4	CONVENIENCE OUTLET	1,080	0.80	864	230													



BASIC FORMULA

p.u. Zu = KVAt / SC level
 p.u. Zt = $\sqrt{[(p.u. Rt)^2 + (p.u. Xt)^2]}^{1/2}$
 p.u. Zs = $\frac{(p.u. Zu + p.u. Zt) (Zm)}{(p.u. Zu + p.u. Zt + Zm)}$

note : if Zm = negligible, p.u. Zs = p.u. Zu + p.u. Zt

Rc = (d) (R) / 305
 Xc = (d) (X) / 305

d = distance in mtrs.

p.u. Rc = (Rc) (KVAt) (1000) / (Vt)² (N)
 p.u. Xc = (Xc) (KVAt) (1000) / (Vt)² (N)

p.u. TRc = p.u. TRci + p.u. Rc
 p.u. TXc = p.u. TXci + p.u. Xc
 p.u. TR = p.u. TRc + p.u. Rt
 p.u. TX = p.u. TXc + p.u. Xt + p.u. Zu
 p.u. TZ = $\sqrt{[(p.u. TR)^2 + (p.u. TX)^2]}^{1/2}$
 FD = It / p.u. TZ

KVAt = x? former KVA
 Vt = x? former Volts
 It = x? former Amps
 Rt = x? former Resistance
 Xt = x? former Reactance
 Zt = x? former Impedance
 Zu = Utility Impedance
 Zb = main bus Impedance
 Zm = motor contribution Impedance
 Rc = Conductor Resistance
 Xc = Conductor Reactance
 TRc = total conductor Resistance
 TXc = total conductor Reactance
 TR = total system Resistance
 TX = total system Reactance
 TZ = total system Impedance
 SC = utility short circuit level in KVA
 FD = Fault Duty AIC
 N = No. of wires per Phase

MAXIMUM 3Ø FAULT @ MAIN BUS:

p.u. XFORMER SC IMPEDANCE: p.u. Zs = 0.05
 FD = $\frac{1255}{0.05} = 25,100$
 USE: = 32kAIC MINIMUM

DPGF FEEDER:
 p.u. Rc 2x60mm² 80m = 0.123958
 p.u. Xc 2x60mm² 80m = 0.066937
 p.u. Zc = 0.140876

PPB FEEDER:
 p.u. Rc 14mm² 6m = 0.091109
 p.u. Xc 14mm² 6m = 0.011900
 p.u. Zc = 0.091883

PPGF FEEDER:
 p.u. Rc 30mm² 2m = 0.012396
 p.u. Xc 30mm² 2m = 0.003533
 p.u. Zc = 0.012889

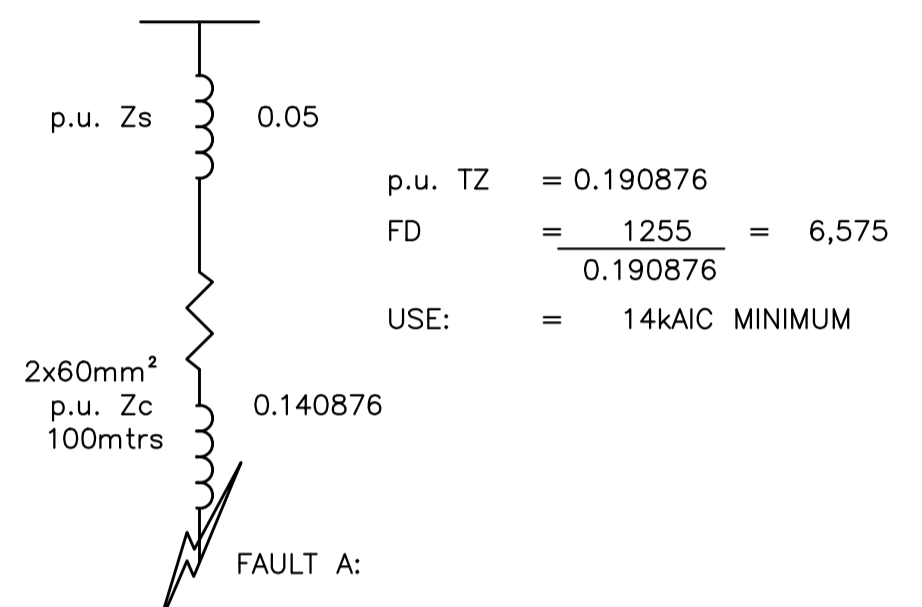
PP2F FEEDER:
 p.u. Rc 14mm² 6m = 0.091109
 p.u. Xc 14mm² 6m = 0.011900
 p.u. Zc = 0.091883

PP3F FEEDER:
 p.u. Rc 14mm² 10m = 0.151849
 p.u. Xc 14mm² 10m = 0.019833
 p.u. Zc = 0.151338

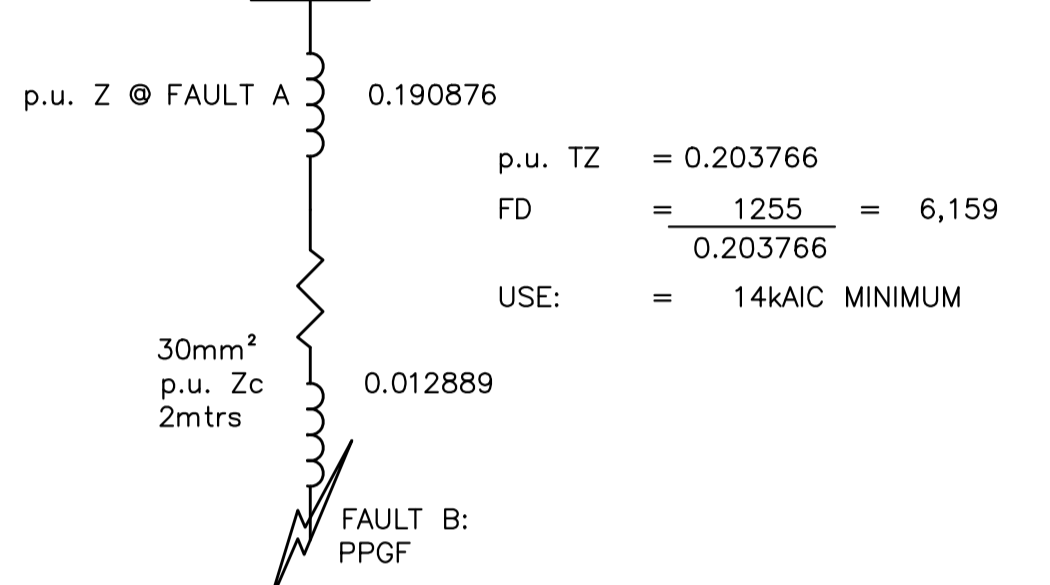
PPRD1 FEEDER:
 p.u. Rc 125mm² 14m = 0.023428
 p.u. Xc 125mm² 14m = 0.022560
 p.u. Zc = 0.032525

PPRD2 FEEDER:
 p.u. Rc 22mm² 14m = 0.134494
 p.u. Xc 22mm² 14m = 0.026031
 p.u. Zc = 0.136990

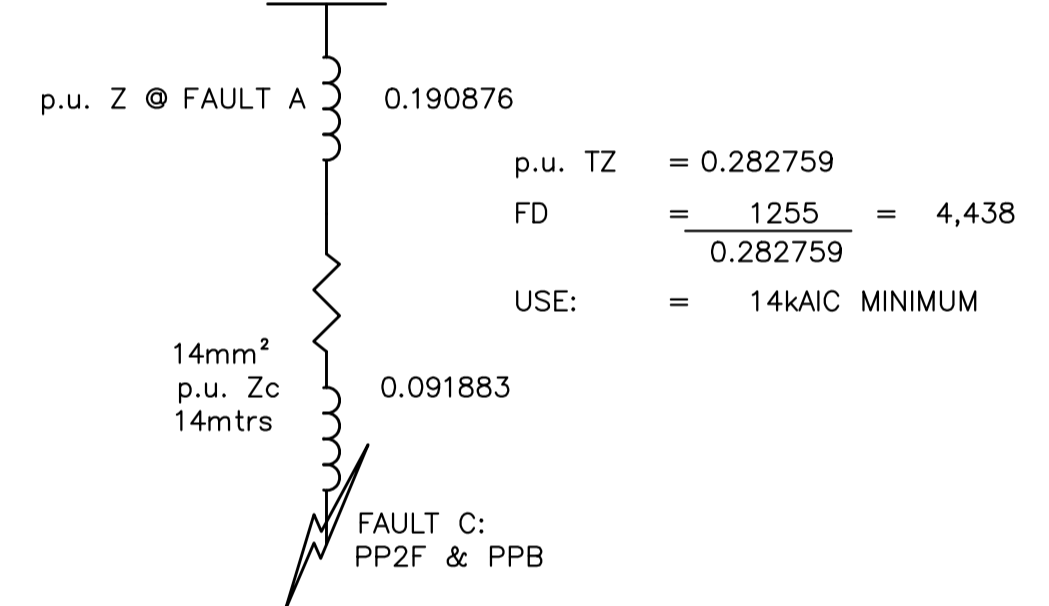
EQUIVALENT IMPEDANCE DIAGRAM @ FAULT A:



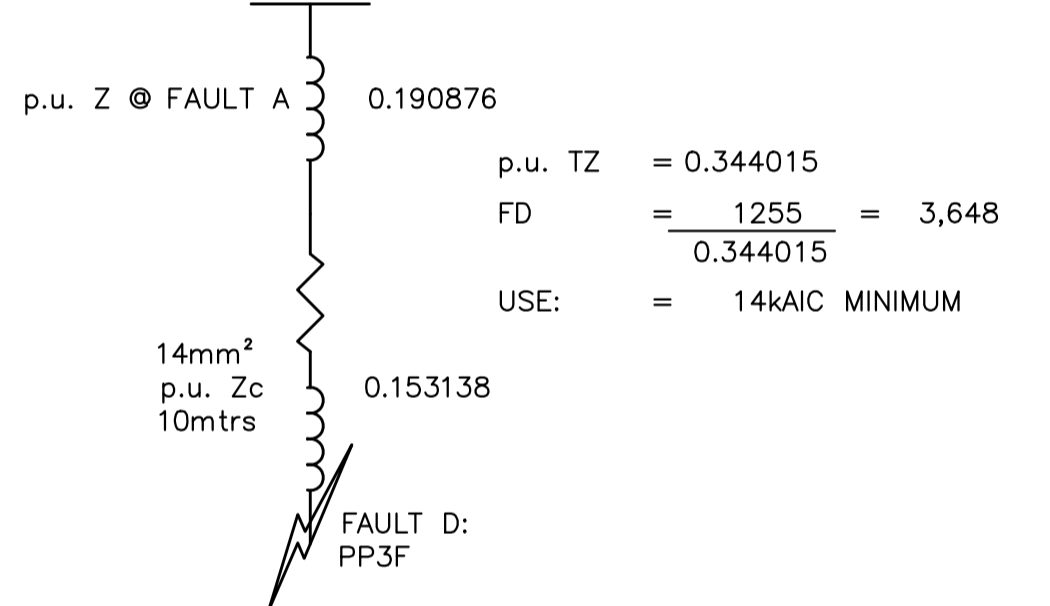
EQUIVALENT IMPEDANCE DIAGRAM @ FAULT B:



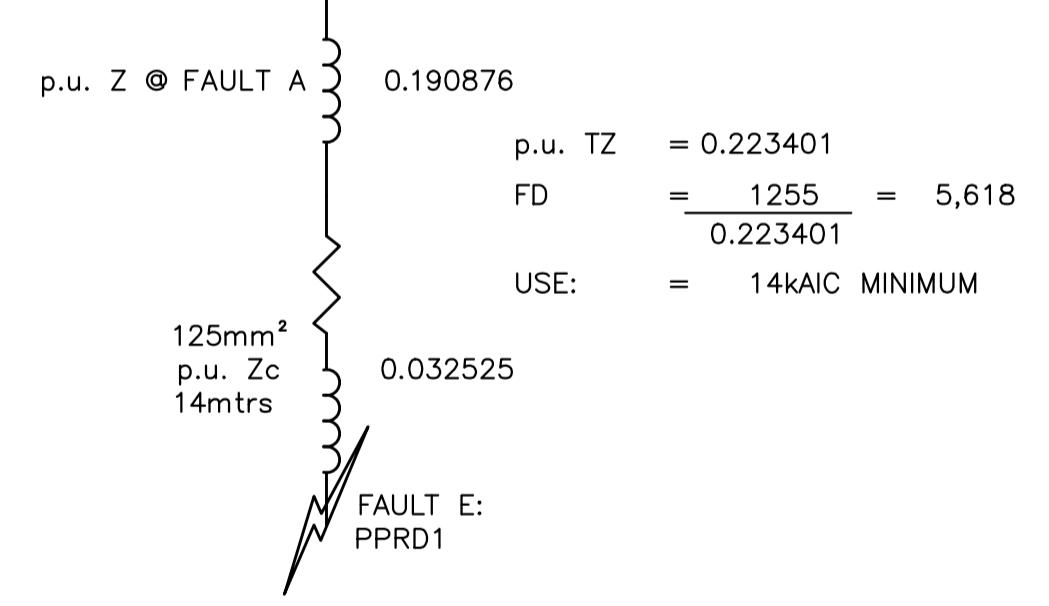
EQUIVALENT IMPEDANCE DIAGRAM @ FAULT C:



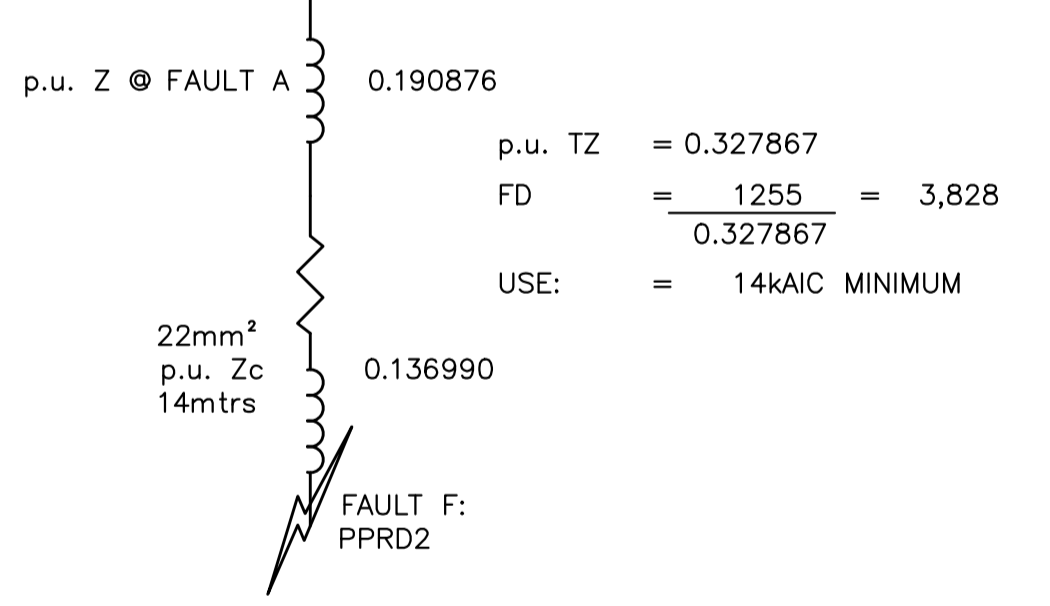
EQUIVALENT IMPEDANCE DIAGRAM @ FAULT D:



EQUIVALENT IMPEDANCE DIAGRAM @ FAULT E:



EQUIVALENT IMPEDANCE DIAGRAM @ FAULT F:



1 SHORT CIRCUIT CALCULATION
 E-15 SCALE: NTS

BASIC FORMULA:

V_{Dc} = $\frac{[(1)(R^2 + Y^2)]^{1/2} (L)(d)}{[(305)(N)]}$
 Y = (x) (Hz) / 60
 V_{end} = V_{origin} - V_{Dc}
 %V_{Dt} = $\frac{V_{source} - V_{end}}{V_{source}} \times 100$

V_{Dc} = Voltage Drop @ Conductor
 I = Line Amps
 R = Conductor AC Resistance @ 75°C
 X = Conductor Reactance at 60Hz
 Y = Conductor Reactance other than 60Hz
 L = Length factor (2 for 1-phase, 1.732 for 3-phase)
 d = Ckt distance (mtrs)
 N = No. of wires per phase
 V_{source} = Voltage at source
 V_{origin} = Voltage at reference point
 V_{end} = Voltage at load
 %V_{Dt} = % Voltage Drop from referenced main source

SOLUTION:

VOLTAGE DROP AT POINT A: DPGF
 V_{Dc} = $\frac{197 \times (0.100^2 + 0.054^2)^{1/2} \times 80 \times 1.732}{2 \times 305} = 5.867 \text{ V}$
 V_{end} = 230 - 5.068 = 224.133 V
 %V_{Dt} = $\frac{230 - 224.133}{230} \times 100 = 2.551 \%$

VOLTAGE DROP AT POINT B: PPGF
 V_{Dc} = $\frac{57 \times (0.200^2 + 0.057^2)^{1/2} \times 2 \times 1.732}{1 \times 305} = 0.134 \text{ V}$
 V_{end} = 224.133 - 0.134 = 223.999 V
 %V_{Dt} = $\frac{230 - 223.999}{230} \times 100 = 2.609 \%$

VOLTAGE DROP AT POINT C: PPB & PP2F
 V_{Dc} = $\frac{40 \times (0.0490^2 + 0.064^2)^{1/2} \times 6 \times 1.732}{1 \times 305} = 0.673 \text{ V}$
 V_{end} = 224.133 - 0.673 = 223.460 V
 %V_{Dt} = $\frac{230 - 223.460}{230} \times 100 = 2.843 \%$

VOLTAGE DROP AT POINT D: PP3F
 V_{Dc} = $\frac{24 \times (0.490^2 + 0.064^2)^{1/2} \times 10 \times 1.732}{1 \times 305} = 0.673 \text{ V}$
 V_{end} = 224.133 - 0.673 = 223.460 V
 %V_{Dt} = $\frac{230 - 223.460}{230} \times 100 = 2.843 \%$

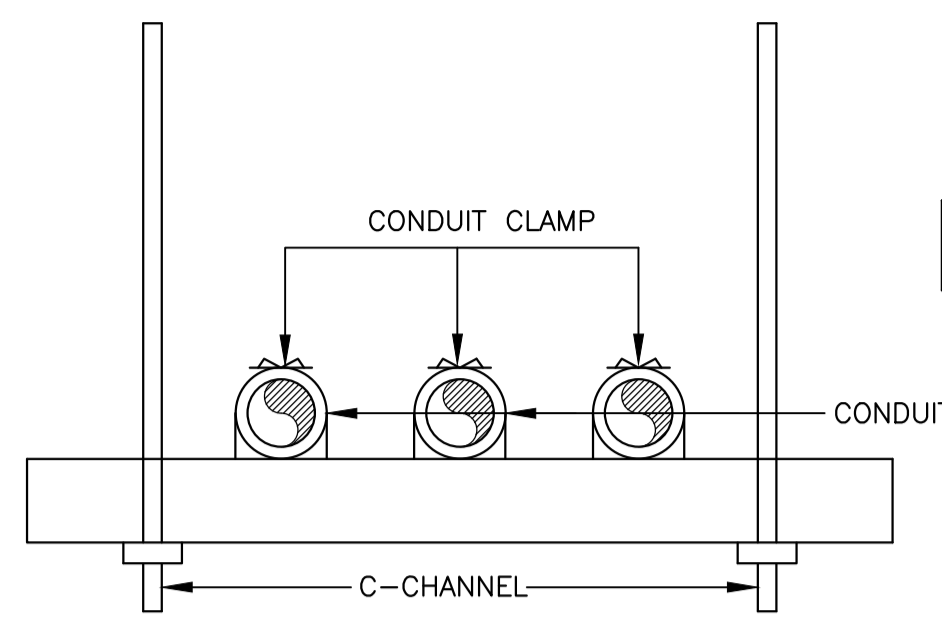
VOLTAGE DROP AT POINT E: PPRD1
 V_{Dc} = $\frac{174 \times (0.540^2 + 0.052^2)^{1/2} \times 14 \times 1.732}{1 \times 305} = 1.035 \text{ V}$
 V_{end} = 224.133 - 1.035 = 223.099 V
 %V_{Dt} = $\frac{230 - 223.099}{230} \times 100 = 3.001 \%$

VOLTAGE DROP AT POINT F: PPRD2
 V_{Dc} = $\frac{750 \times (0.310^2 + 0.060^2)^{1/2} \times 14 \times 1.732}{1 \times 305} = 1.255 \text{ V}$
 V_{end} = 224.133 - 1.255 = 222.878 V
 %V_{Dt} = $\frac{230 - 222.878}{230} \times 100 = 3.096 \%$

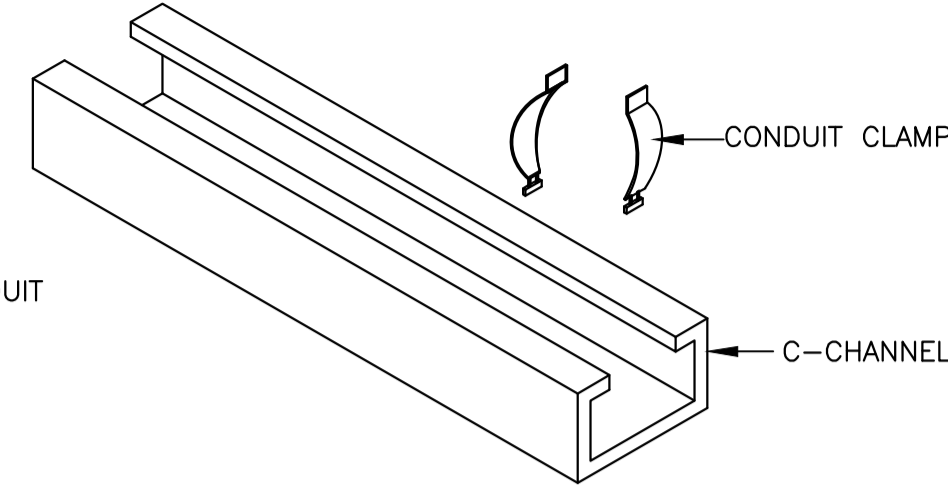
AS PER PEC, CONDUCTORS FOR FEEDER SHALL NOT EXCEED 3 PERCENT AT THE FARTHEST OUTLET OF POWER, HEATING AND LIGHTING LOADS OR COMBINATION OF SUCH LOADS. AND THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST OUTLET SHALL BE 5 PERCENT FOR REASONABLE EFFICIENCY OF OPERATION.

2 VOLTAGE DROP CALCULATION
 E-15 SCALE: NTS

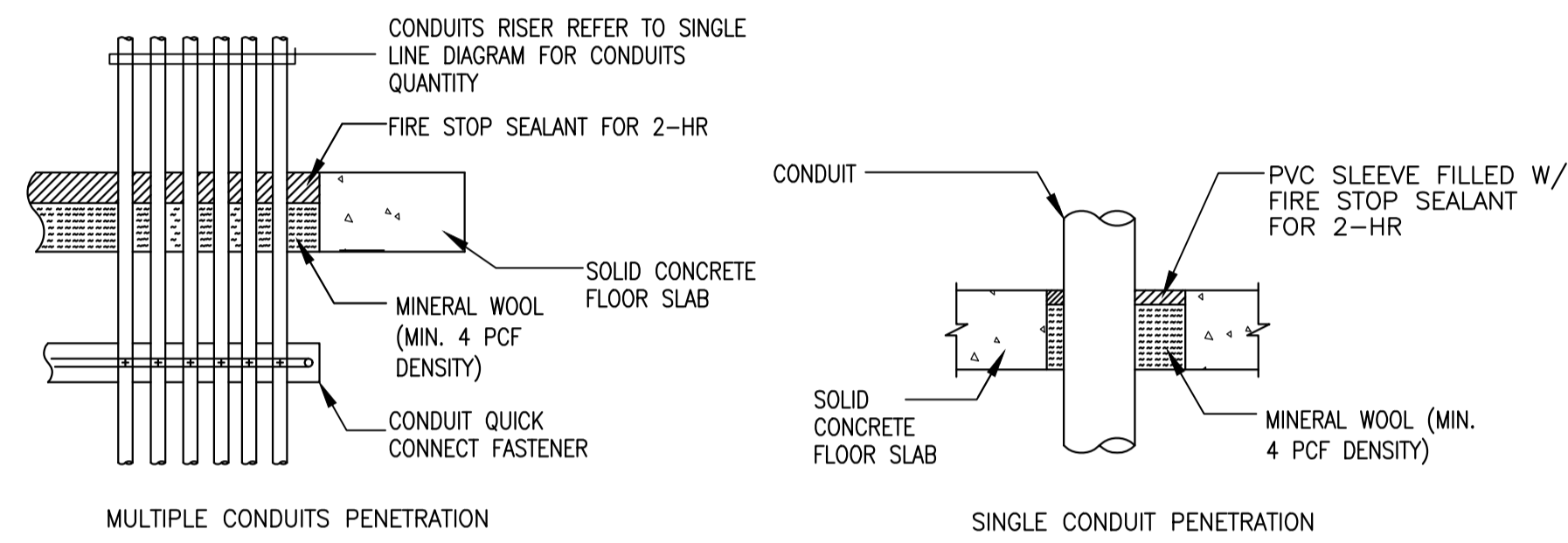
<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	DESIGNER: MANUEL V. PANIS PROFESSIONAL ELECTRICAL ENGINEER PRC No. 1210 Validity: 10/13/2023 PTR No. 7731829 Date: 01/04/2021 Place: ANTIPOLO CITY TIN: 132-466-222	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: SHORT CIRCUIT CALCULATIONS; VOLTAGE DROP CALCULATIONS	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> E </div> </div>
	<div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 15 </div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 17 </div> </div>							



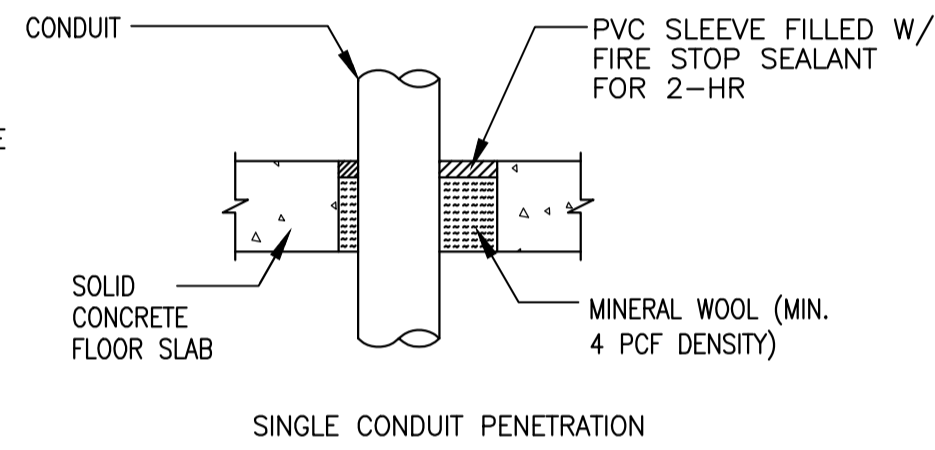
4 MULTIPLE CONDUIT SUPPORT DETAIL
E-16 SCALE: NTS



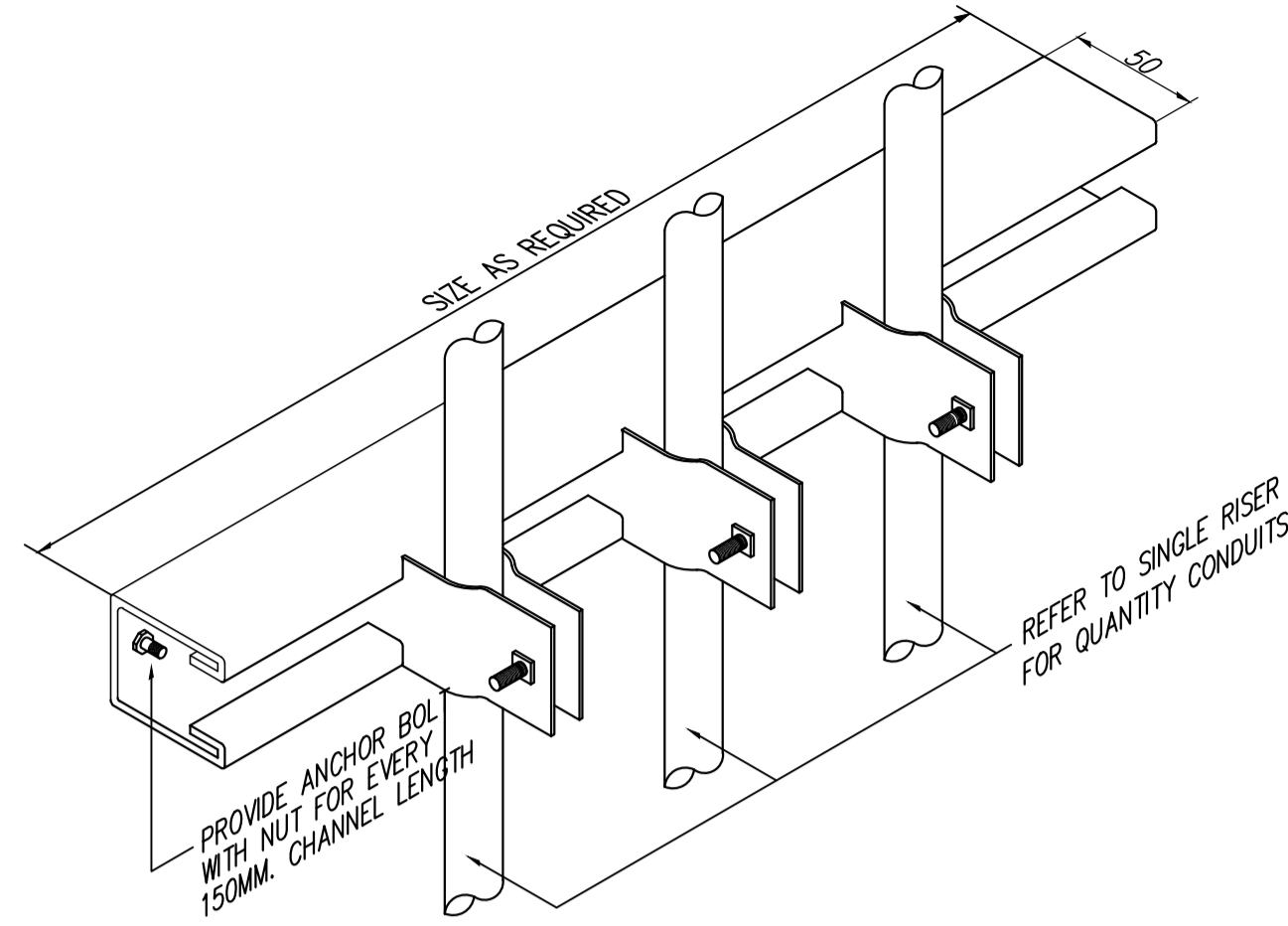
5 RACEWAY PENETRATIONS WITH FIRESTOP
E-16 SCALE: NTS



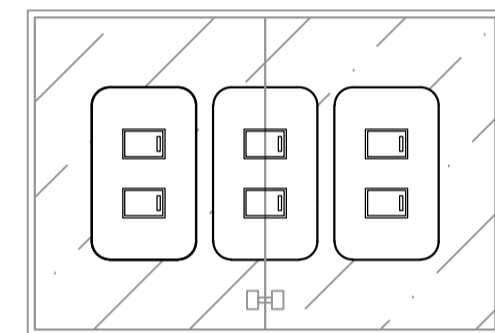
MULTIPLE CONDUITS PENETRATION



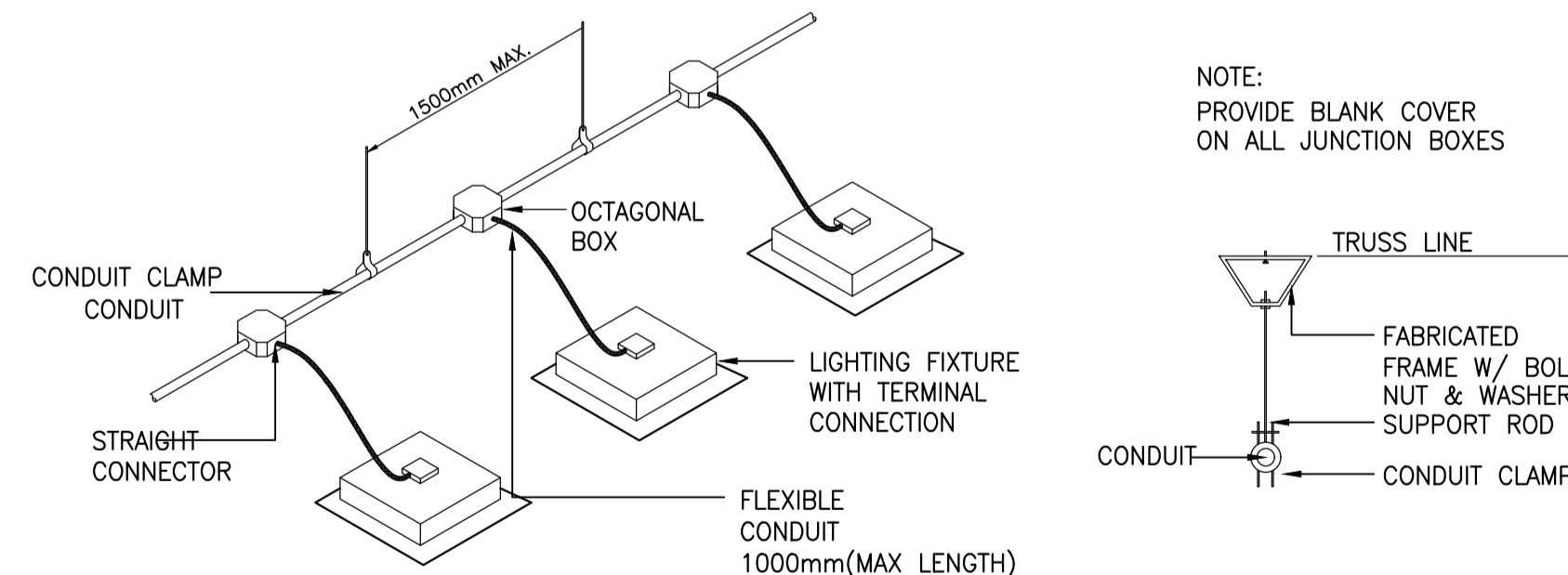
SINGLE CONDUIT PENETRATION



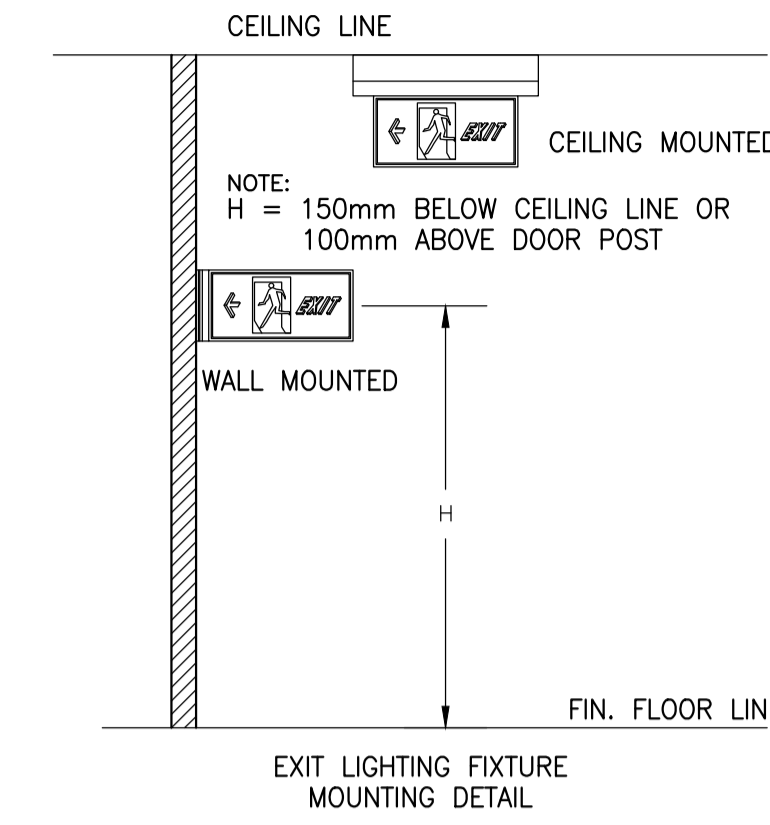
7 CONDUIT RISER DETAIL
E-16 SCALE: NTS



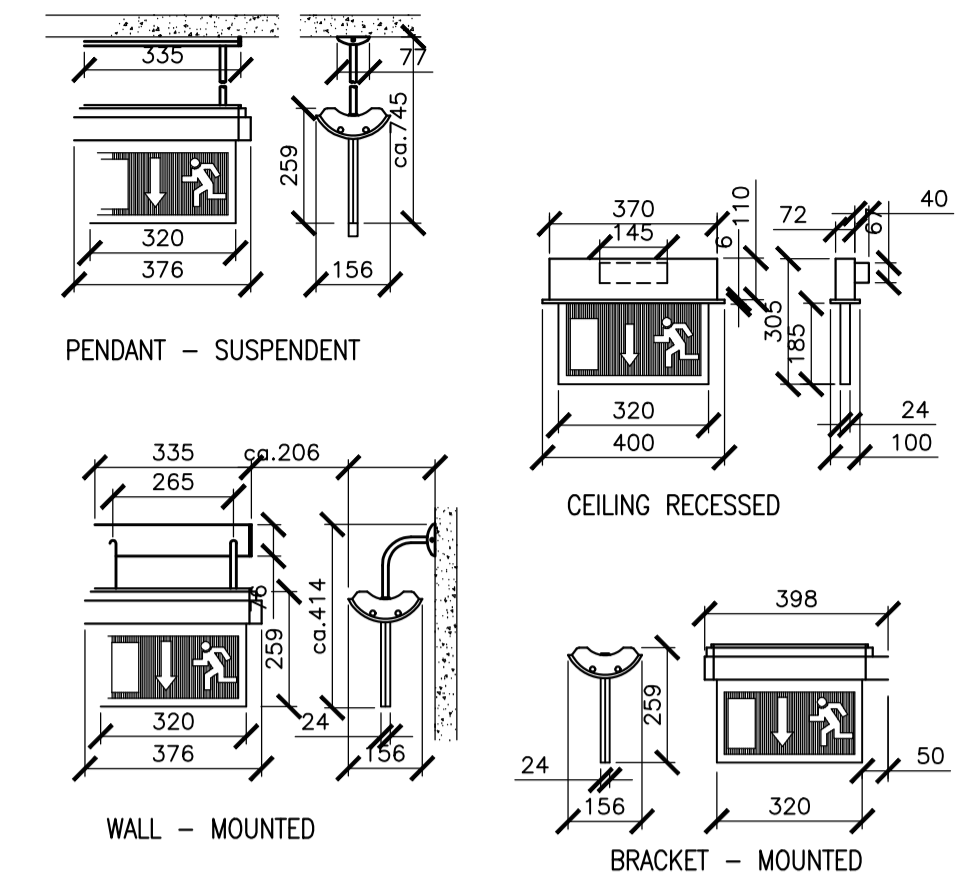
8 LIGHTING SWITCH AND CONV. OUTLET INSTALLATION DETAIL
E-16 SCALE: NTS



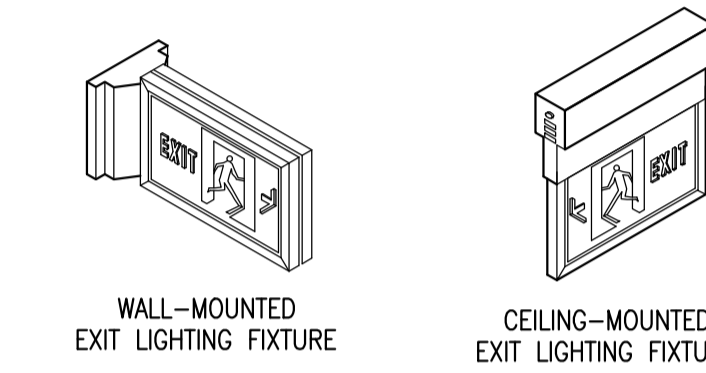
9 CONDUIT RUN FOR LIGHTING DISTRIBUTION IN ONE CIRCUIT (FOE EXPOSED OF INSIDE DROP-CEILING INSTALLATION)
E-16 SCALE: NTS



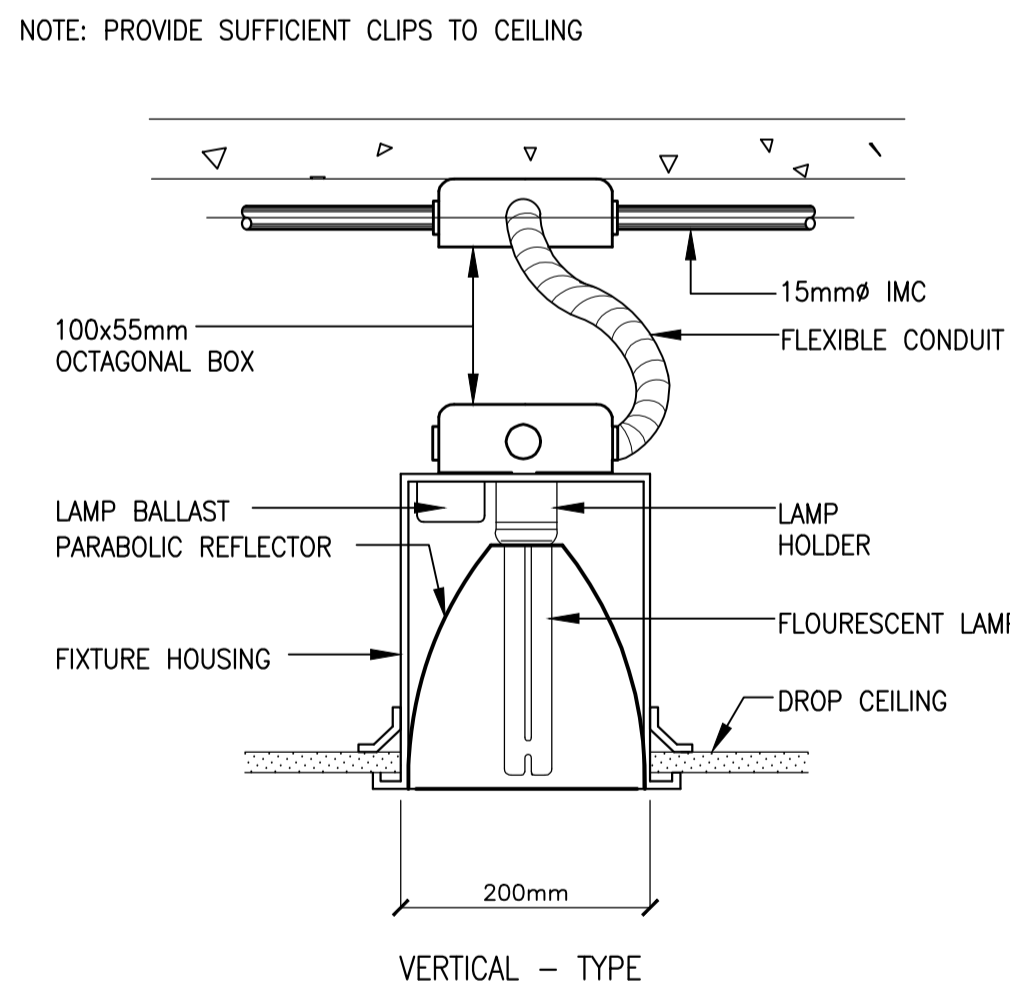
1 EXIT LIGHTING FIXTURE DETAIL
E-16 SCALE: NTS



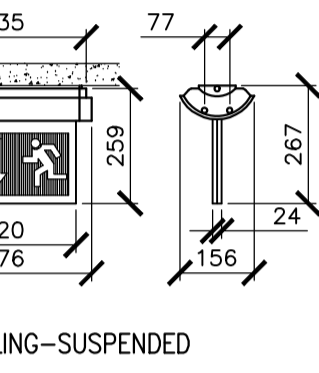
2 EXIT LIGHT MOUNTING DETAIL
E-16 SCALE: NTS



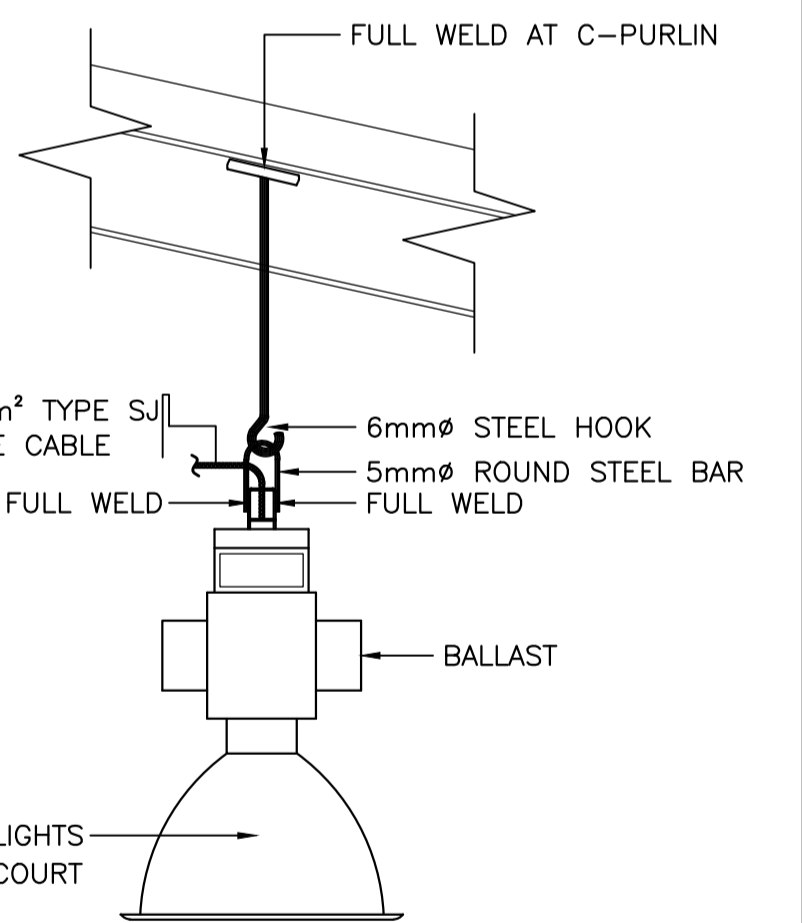
10 PINLIGHT MOUNTING DETAIL
E-16 SCALE: NTS



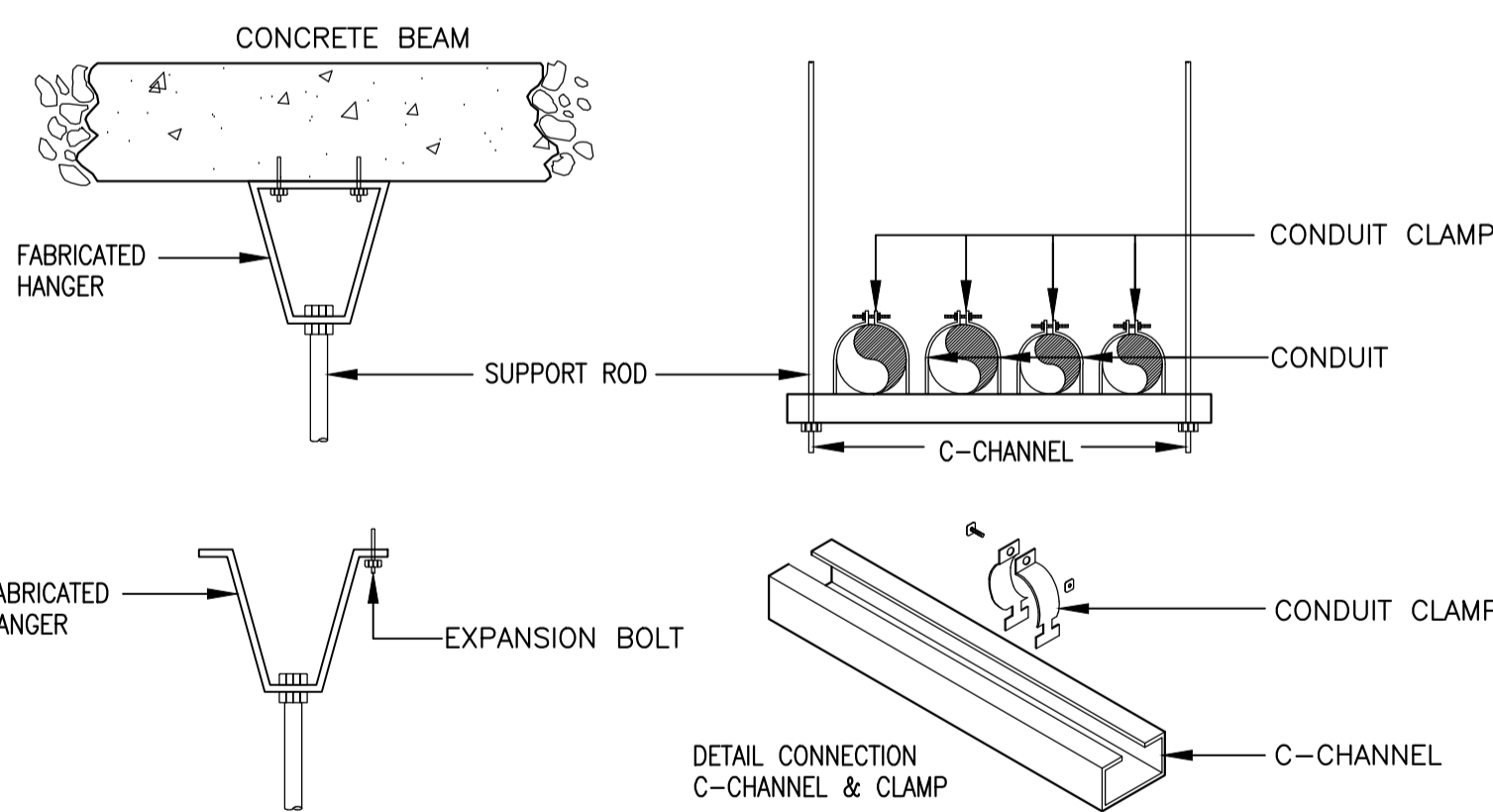
VERTICAL - TYPE



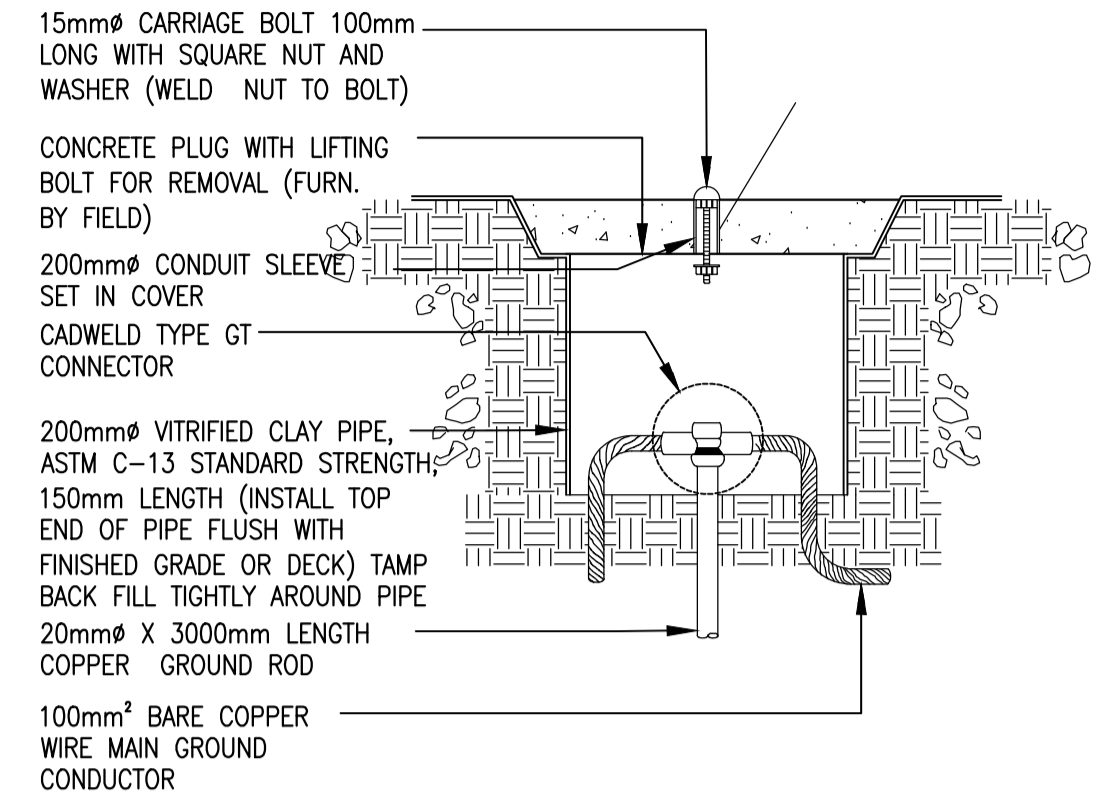
CEILING-SUSPENDED



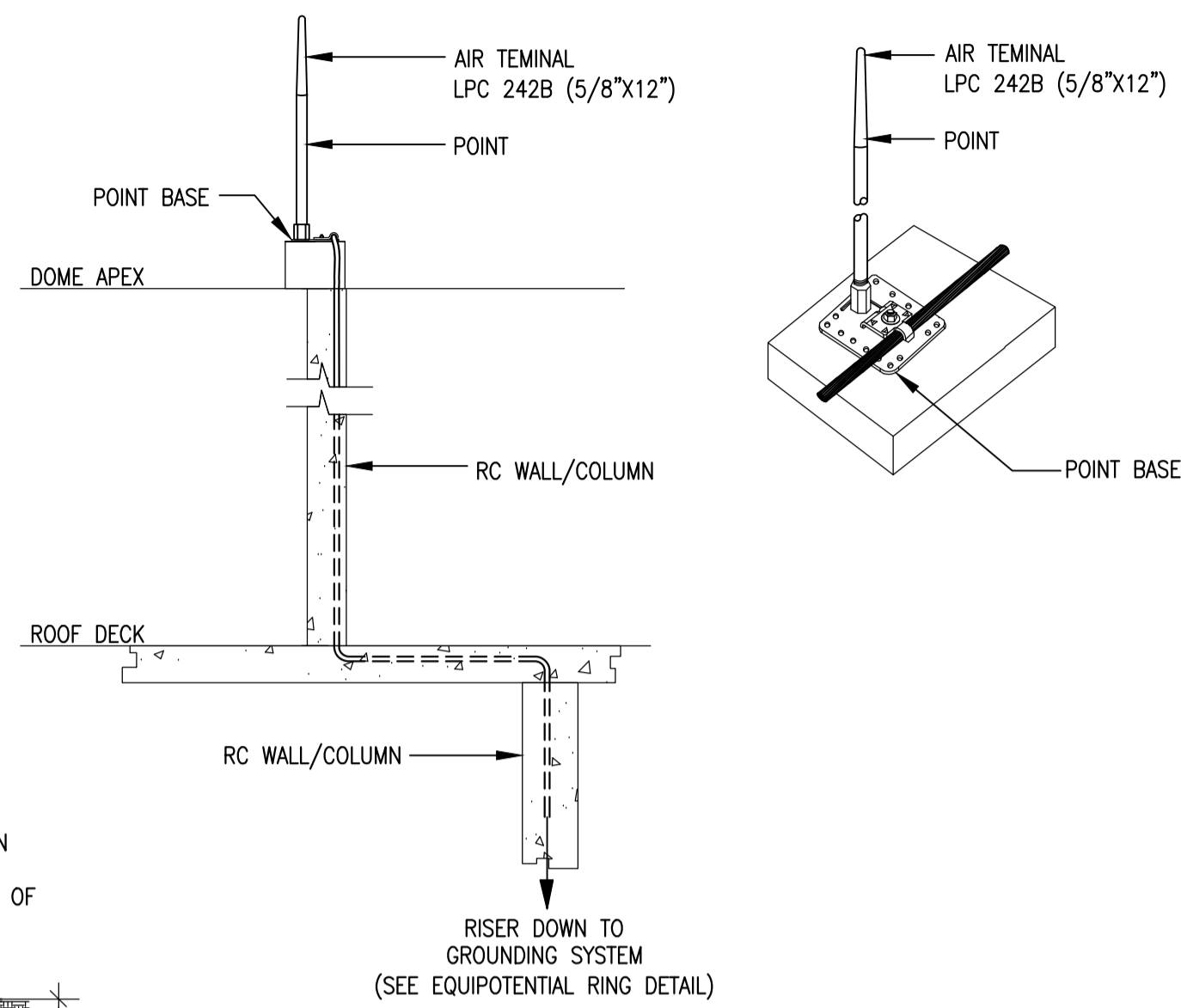
3 LED HIGBAY LIGHTING FIXTURE MOUNTING DETAIL
E-16 SCALE: NTS



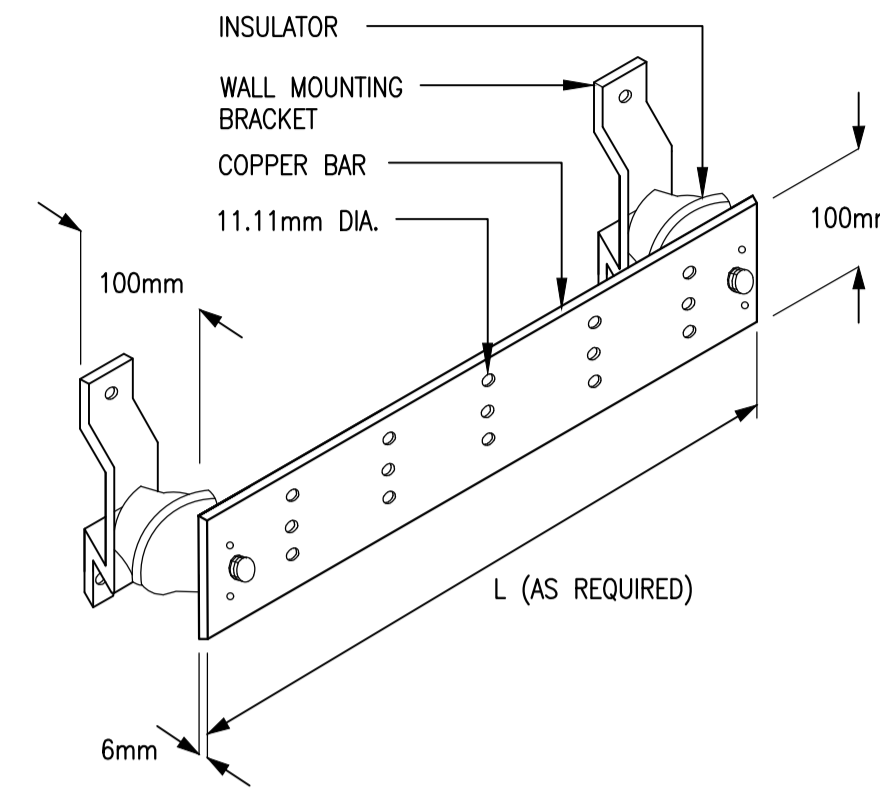
6 MULTIPLE CONDUIT SUPPORT DETAIL
E-16 SCALE: NTS



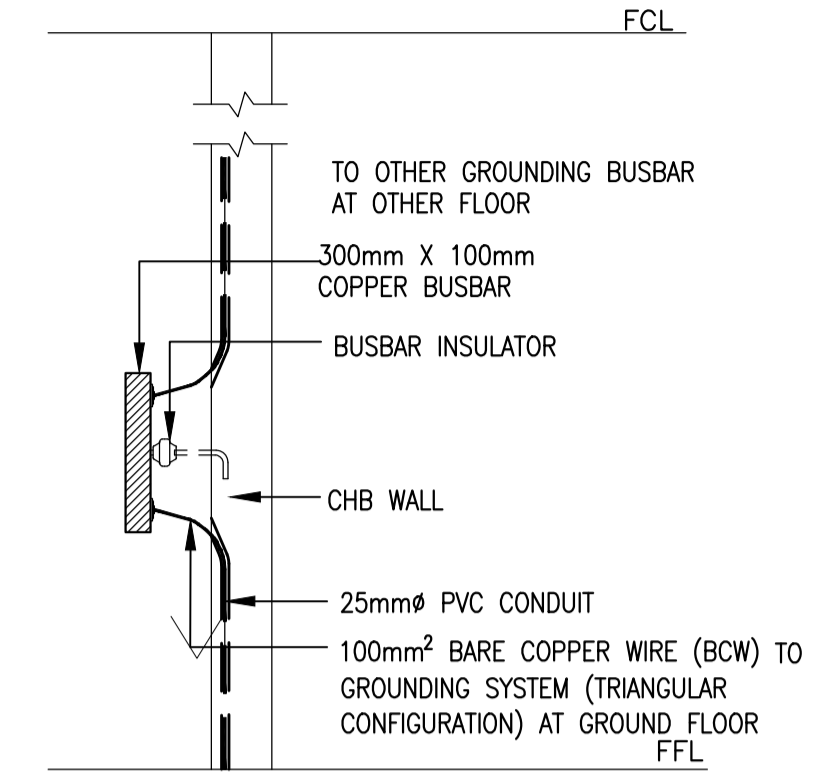
BLOW-UP DETAIL



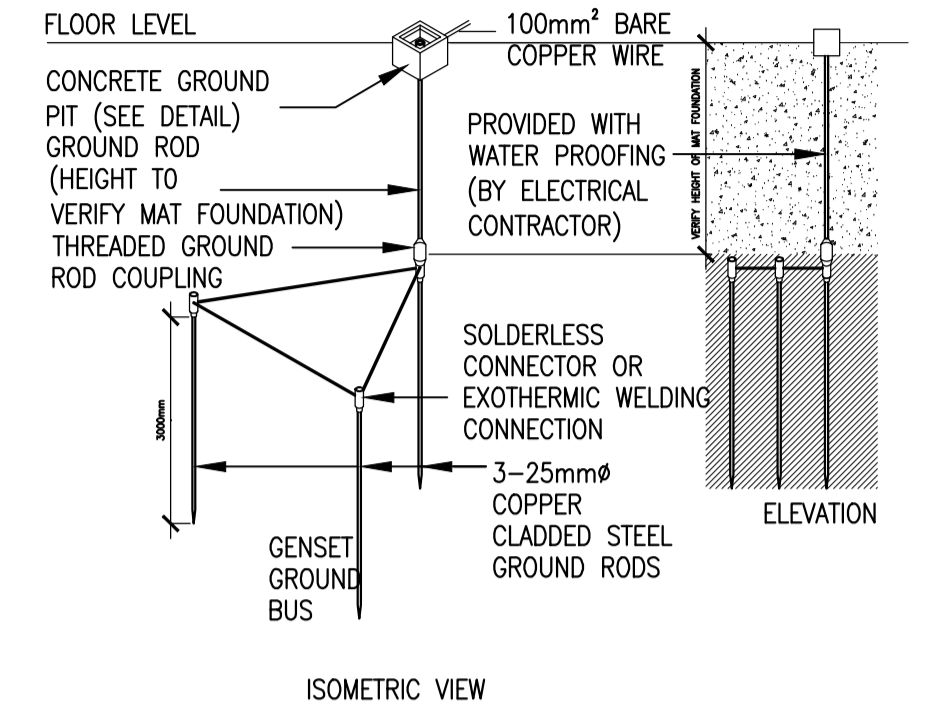
AIR TERMINAL INSTALLATION DETAIL



6 PRE-DRILLED COPPER BUSBAR
 E-17 SCALE: NTS



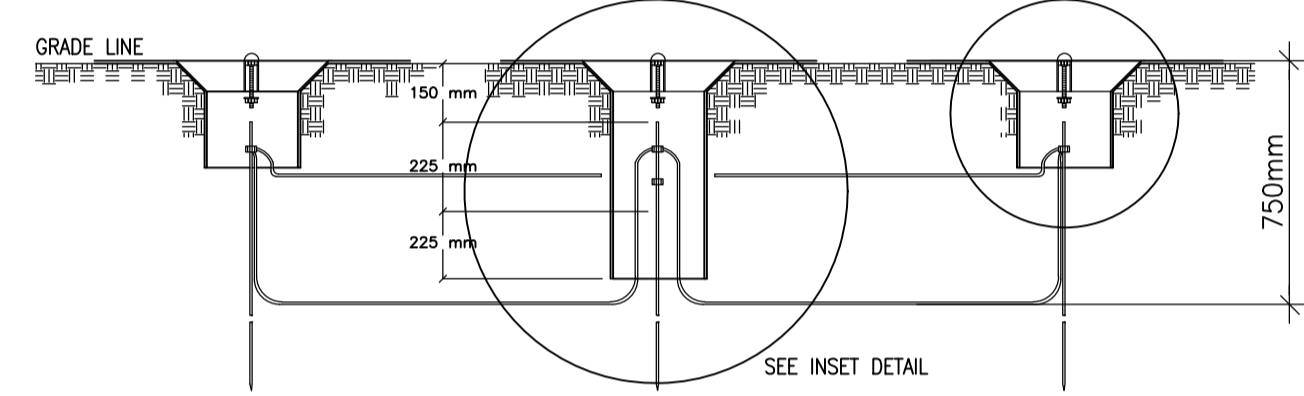
2 MOUNTING DETAIL OF GROUNDING BUSBAR
 E-17 SCALE: NTS



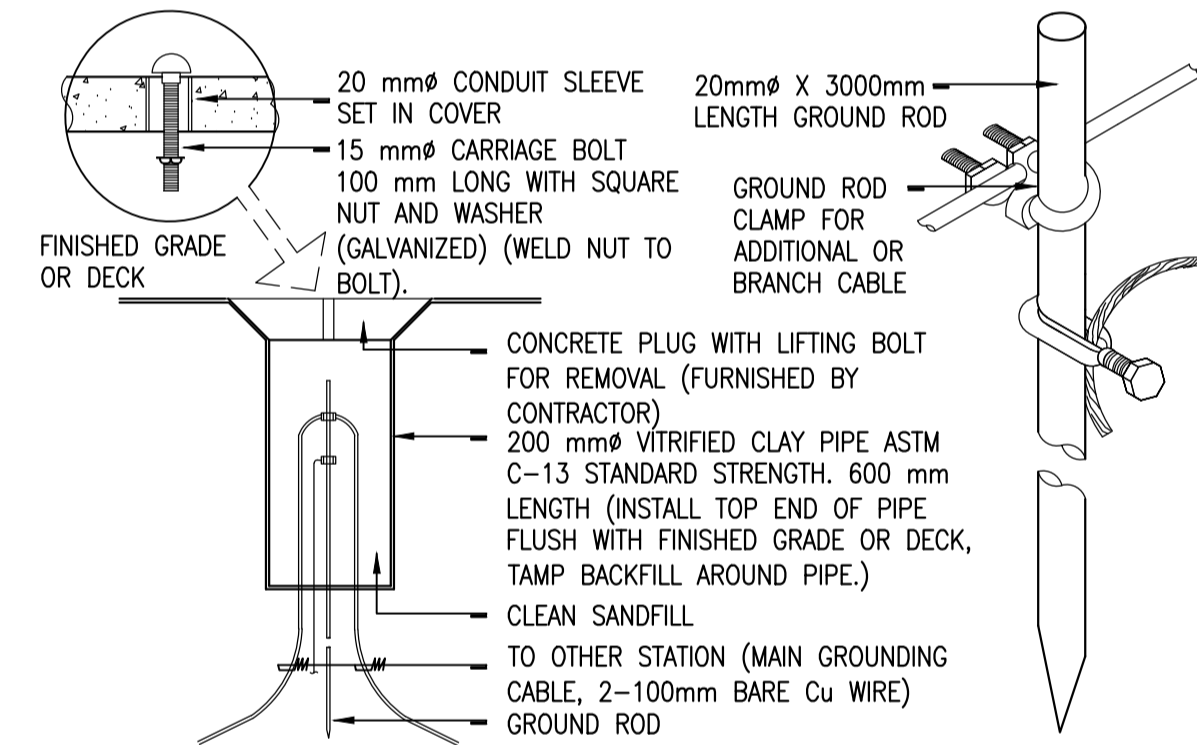
3 DETAILS OF EQUIPOTENTIAL RING
 E-17 SCALE: NTS

GROUND ROD TEST STATION :

ARRANGED IN A TRIANGULAR PATTERN WITH 3000mm SPACING BETWEEN RODS. TWO OF THE RODS IN THIS GROUP SHALL BE 150mm BELOW GRADE WITH CONNECTING MAIN GROUND CONDUCTOR THERMOWELDED OR BRAZED TO THE ROD. ONE ROD INSTALLED AS A TEST STATION FOR THE GROUP OF THREE.

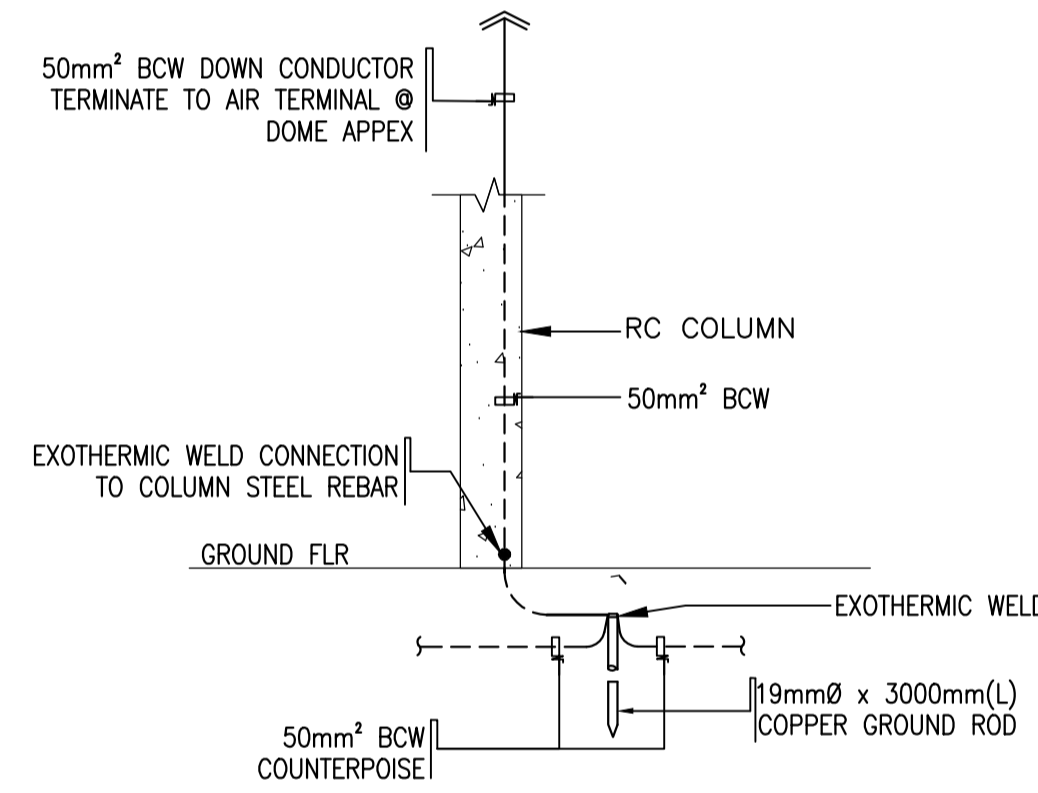


SECTIONAL ELEVATION

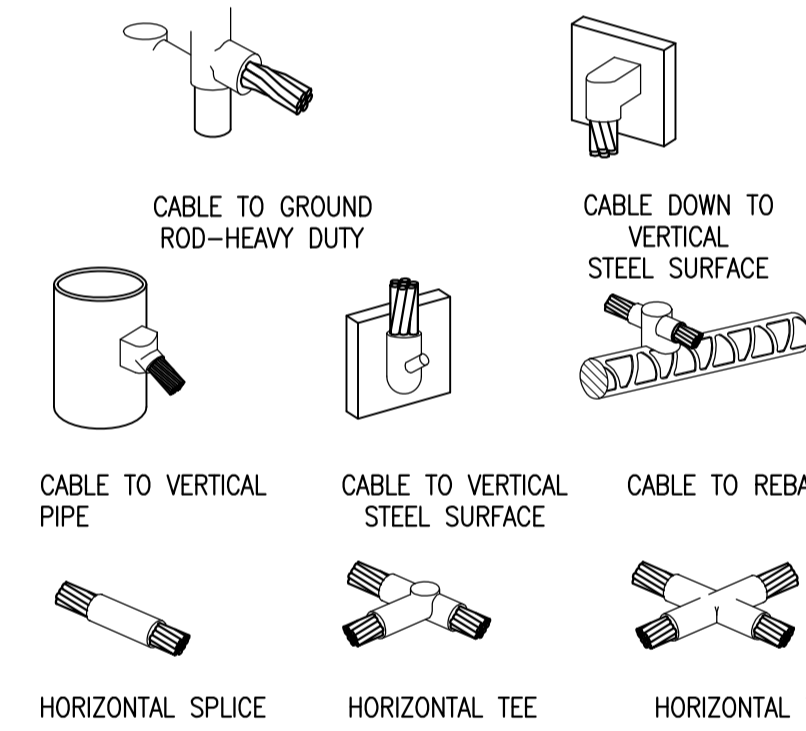


GROUND ROD TEST STATION DETAIL

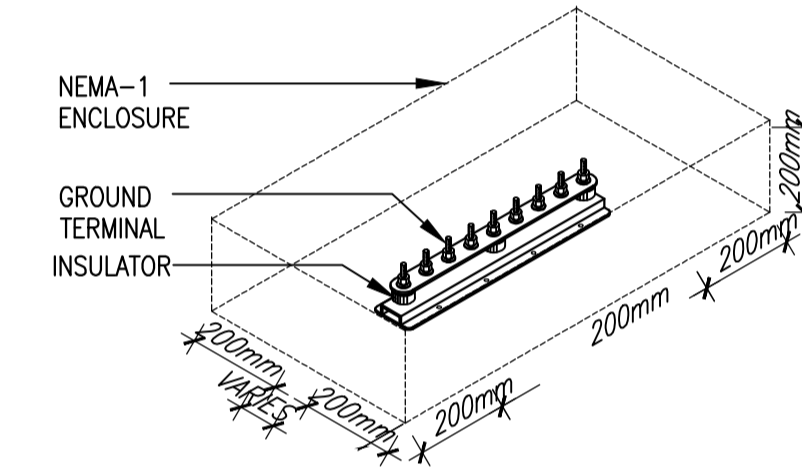
1 GROUNDING AND LIGHTING PROTECTION DETAIL
 E-17 SCALE: NTS



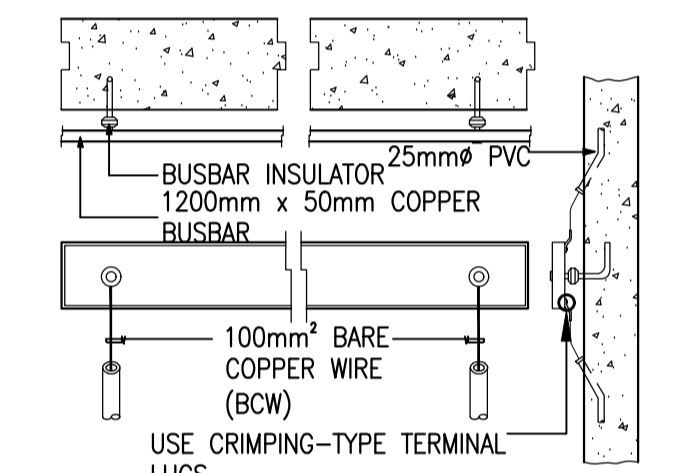
GROUND TERMINAL INSTALLATION DETAIL



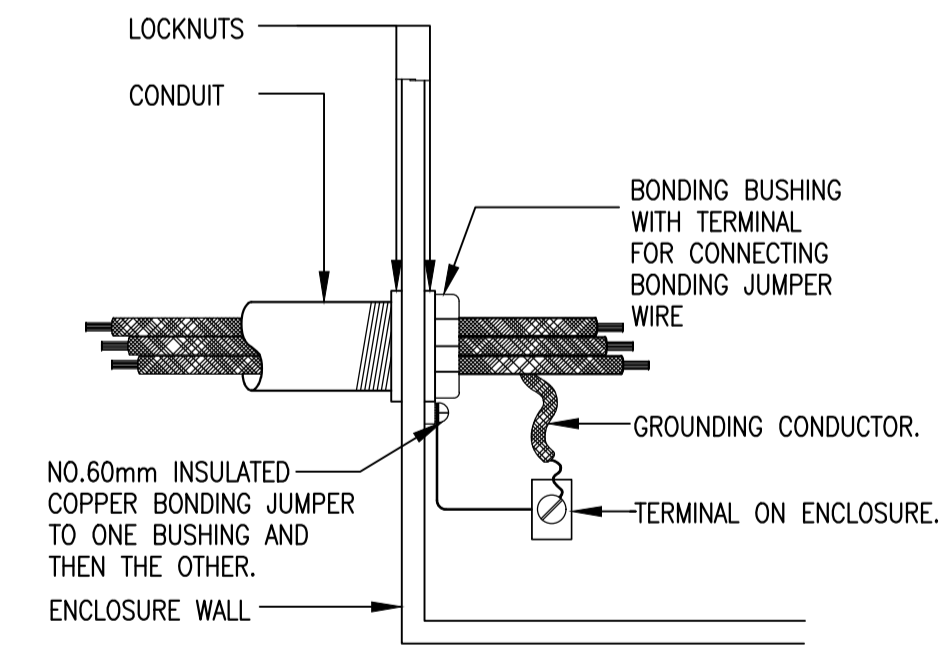
7 TYPICAL EXOTHERMIC CONNECTION (WELD) DETAIL
 E-17 SCALE: NTS



8 TYPICAL GROUND BUSBAR DETAIL
 E-17 SCALE: NTS



5 SERVICE BONDING JUMPER & GROUNDING ENCLOSURE DETAIL
 E-17 SCALE: NTS



NOTE:

BUSHING WITH JUMPER IS ACCEPTABLE BONDING FOR A CLEAN KNOCKOUT OR ONE WITH PUNCH RINGS STILL IN PLACE

4 SERVICE BONDING JUMPER & GROUNDING ENCLOSURE DETAIL
 E-17 SCALE: NTS

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 AVENUE, LOYOLA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
MANUEL V. PANIS
 PROFESSIONAL ELECTRICAL ENGINEER
 PRC No. 1210 Validity: 10/13/2023
 PTR No. 7731829 Date: 01/04/2021
 Place: ANTIPOLO CITY TIN: 132-466-222

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 ACADEMIC BUILDING II
 MISCELLANEOUS DETAILS

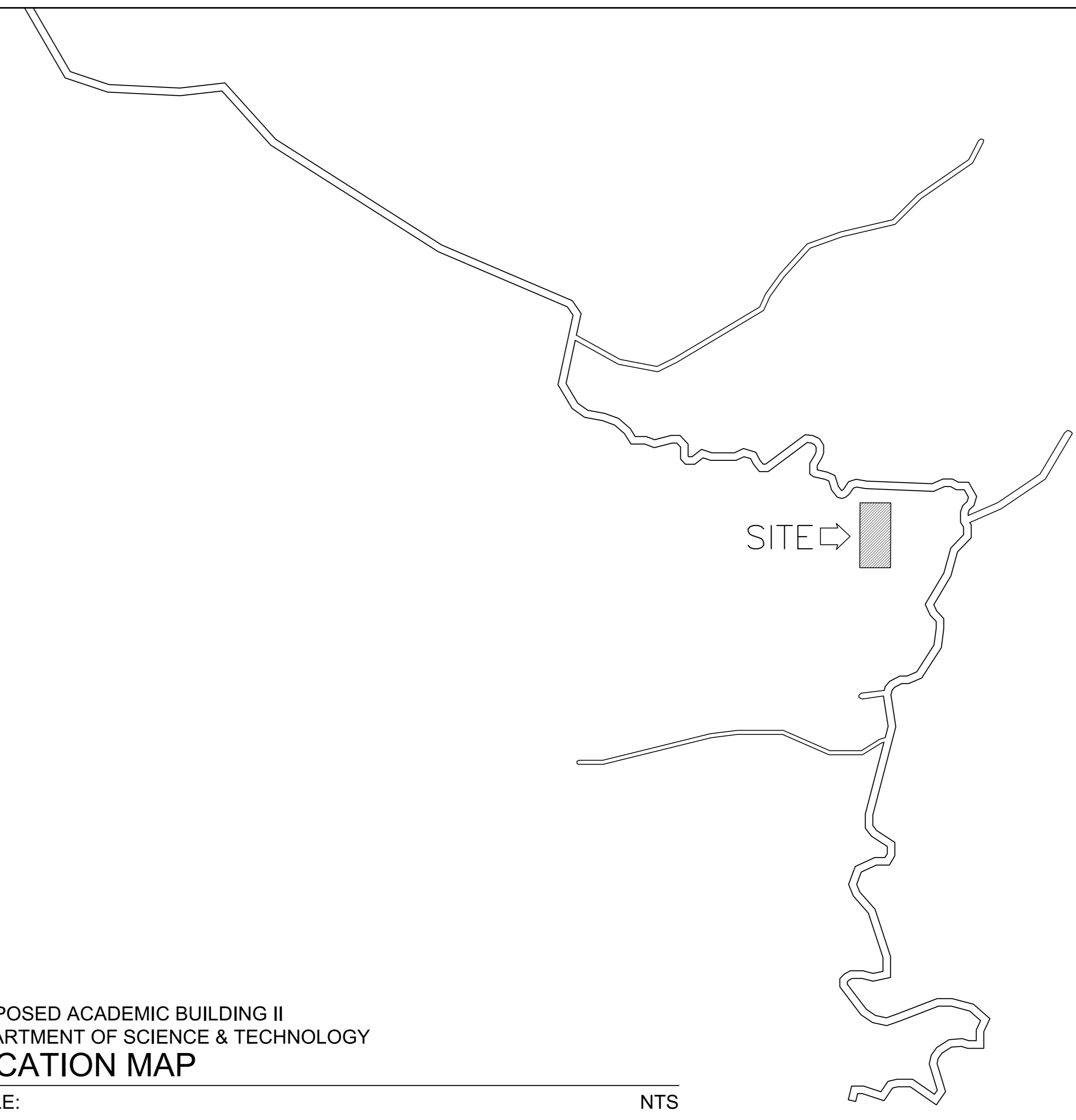
SHEET NO:
E
 17 17

TABLE OF CONTENTS:

SHEET		CONTENT
CODE	#	
PS - 01	01	PROJECT TITLE, TABLE OF CONTENTS, GENERAL PLUMBING & SANITARY NOTES, LOCATION MAP, SITE DEVELOPMENT PLAN
PS - 02	02	PLUMBING & SANITARY SYMBOLS/LEGENDS, PLUMBING & SANITARY ABBREVIATIONS, MATERIAL SPECIFICATIONS
PS - 03	03	SCHEDULE OF PLUMBING & SANITARY EQUIPMENT, MISCELLANEOUS DETAILS
PS - 04	04	WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT BASEMENT & GROUND FLOOR
PS - 05	05	WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT SECOND & THIRD FLOOR
PS - 06	06	WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT - ROOF STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT - BASEMENT
PS - 07	07	STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT GROUND & SECOND FLOOR
PS - 08	08	STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT THIRD & ROOF FLOOR
PS - 09	09	SANITARY SEWER & VENT SYSTEM LAYOUT BASEMENT & GROUND FLOOR
PS - 10	10	SANITARY SEWER & VENT SYSTEM LAYOUT SECOND & THIRD FLOOR
PS - 11	11	SANITARY SEWER & VENT SYSTEM LAYOUT ROOF
PS - 12	12	BLOW UP DETAIL & ISOMETRIC LAYOUT - WATER SUPPLY DISTRIBUTION SYSTEM
PS - 13	13	BLOW UP DETAIL & ISOMETRIC LAYOUT - WATER SUPPLY DISTRIBUTION SYSTEM
PS - 14	14	BLOW UP DETAIL & ISOMETRIC LAYOUT - SANITARY SEWER & VENT SYSTEM
PS - 15	15	BLOW UP DETAIL & ISOMETRIC LAYOUT - SANITARY SEWER & VENT SYSTEM
PS - 16	16	SCHEMATIC RISER DIAGRAM WATER SUPPLY DISTRIBUTION SYSTEM & SANITARY SEWER SYSTEM
PS - 17	17	SCHEMATIC RISER DIAGRAM STORMWATER DRAINAGE SYSTEM (GRID 1 - 4 & 5 - 9)
PS - 18	18	MISCELLANEOUS DETAILS
PS - 19	19	MISCELLANEOUS DETAILS
PS - 20	20	MISCELLANEOUS DETAILS
PS - 21	21	MISCELLANEOUS DETAILS

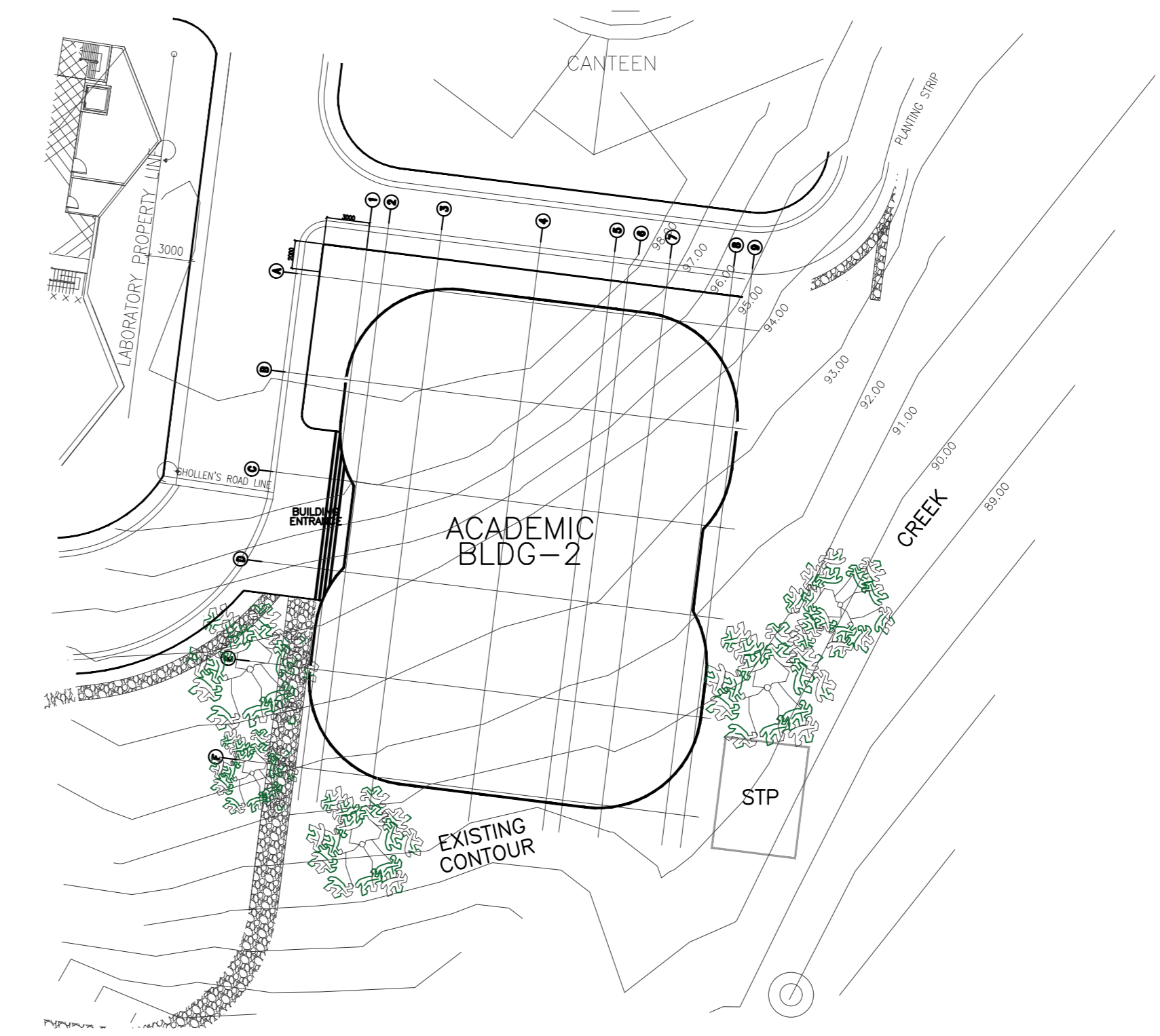
GENERAL PLUMBING and SANITARY NOTES:

- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF UNIFORM PLUMBING CODE OF THE PHILIPPINES, THE NATIONAL BUILDING CODE, REVISED PLUMBING CODE OF THE PHILIPPINES & THE RULES & REGULATIONS OF MUNICIPALITY OF ODIONGAN, ROMBLON.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES SUCH AS DISPOSAL POINT FOR SEWAGE EFFLUENT, STORM DRAINAGE AND WATER LINE SERVICE TAPPING POINT.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
- PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE THE NECESSARY EXCAVATIONS, BACKFILLING AND SURFACE RESTORATION OF THE AFFECTED AREAS. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% UNLESS OTHERWISE SPECIFIED.
- SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE W/ THE MANUFACTURER'S INSTRUCTIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT.
- ALL VENT PIPES SHALL BE FREE FROM DROPS OR SAGS AND SHALL BE SLOPE OR GRADED AS TO DRIP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVES.
- ALL PIPE SIZES ARE IN EITHER INCHES OR MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- ALL PIPES, FITTINGS & APPURTENANCES WHICH WILL PASS THROUGH IN ANY STRUCTURAL COMPONENT SHALL BE FIRST APPROVED BY THE DESIGN STRUCTURAL ENGINEER.
- PROVIDE CLEANOUT FOR EVERY CHANGE IN DIRECTION AND FOR EVERY 15m HORIZONTAL RUN FOR SEWER & DRAINAGE LINE.
- ALL BRANCH VENT PIPES SHALL BE MINIMUM OF 50mmØ UNLESS OTHERWISE SHOWN.
- PIPE HANGER SHALL BE DESIGNED SUCH THAT IT COULD SUPPORT FIVE (5) TIMES THE WEIGHT THE WATER FILLED PIPE PLUS 114kg.
- ALL SEWER PIPES EMBEDDED IN GROUND AND BELOW SLAB-ON-GRADE SHALL BE PROVIDED WITH SAND BEDDING MATERIALS.
- ACCESS OPENING SHALL BE PROVIDED IN THE PIPE SHAFT FOR TESTING, SERVICING AND CLEANING OF PIPES.
- ALL VALVES SHALL BE LOCATED SUCH THAT IT CAN BE READILY ACCESSED BY THE MAINTENANCE PERSONNEL. ACCESS PANEL SHALL BE PROVIDED WHERE NECESSARY SUBJECT TO ENGINEER'S APPROVAL.
- VALVES RATING SHALL MEET OR EXCEED THEIR RESPECTED SYSTEM OPERATING PRESSURE AND TEMPERATURE.
- PIPE SUPPORT, HANGERS AND BRACING SHALL BE OF APPROVED TYPE AND SHALL BE INDEPENDENT FROM CEILING AND DUCT SUPPORT.
- PROVIDE UNION AT EACH THREADED OR WELDED CONNECTION TO EQUIPMENT AND VALVES UP TO 50mm & AT 18.0m (60FT) INTERVAL OR AS SHOWN ON DRAWINGS.
- PROVIDE MINIMUM OF 50mm CLEARANCE AROUND PIPING EXTENDED THROUGH WALLS, FLOORS, PLATFORMS & FOUNDATION, INCLUDING DRAINS & AUXILIARY PIPING.
- MAJOR PLUMBING EQUIPMENT SUCH AS BLADDER TANK, WATER TANK, PUMPS & ITS SYSTEM APPURTENANCES SHALL BE APPROVED FIRST BY THE DESIGN SANITARY ENGINEER THROUGH WRITTEN LETTER BEFORE PURCHASING/INSTALLATION.
- SOME SYMBOLS / LEGENDS ON DRAWING PLANS WERE EXAGGERATED IN SCALED FOR THE PURPOSE OF GRAPHICAL REPRESENTATION, ACTUAL SIZES VARY.
- PROVIDE LABOR & MATERIALS TO DELIVER COMPLETE & PROPERLY FUNCTIONING PLUMBING SYSTEMS.
- COORDINATE PLUMBING WORK WITH SITE CONDITIONS & OTHER TRADE WORKS.
- VERIFY SLOPES & INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF WORK.
- PROVIDE ACCESS PANELS FOR VALVES, WATER HAMMER ARRESTERS & OTHER PLUMBING SPECIALTIES LOCATED INSIDE CHASES, BEHIND WALLS OR ABOVE INACCESSIBLE CEILINGS.
- PROVIDE FLEX PIPING AT STRUCTURAL BUILDING EXPANSION JOINTS (REFER TO STRUCTURAL DRAWINGS)
- PROVIDE FIRE STOPPING FOR PIPING CROSSING FIRE-RATED WALL.
- PROVIDE SEISMIC SEPARATION FOR PIPING CROSSING BUILDING SEISMIC JOINT. (REFER TO STRUCTURAL DRAWINGS)
- PIPING THAT WILL PASS THROUGH STRUCTURAL MEMBERS SUCH AS COLUMN, BEAM, FOUNDATION, SHEARWALL & THE LIKE SHALL ASK FIRST WRITTEN PERMISSION FROM STRUCTURAL DESIGNER.
- NO PIPING OR OTHER PLUMBING EQUIPMENT ARE TO BE INSTALLED OVER OR UNDER ELECTRICAL PANELBOARDS.
- CONTRACTOR RESPONSIBLE FOR ALL REQUIRED TRANSITIONS, OFFSETS MINOR RELOCATIONS AND ALL ASSOCIATED PIPING.
- REROUTE PIPING AS NEARLY AS POSSIBLE TO ROUTES INDICATED ON PLANS. CONTRACTORS IS FREE TO MAKE MINOR CHANGES IN ROUTING TO ACCOMMODATE CHANGES.
- COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS.
- ALL TESTS SHALL BE COMPLETED BEFORE ANY PIPING OR EQUIPMENT IS INSULATED OR CONCEALED.
- WHERE TWO OR MORE PRODUCTS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCTS OF A SINGLE MANUFACTURER SHALL BE USED.
- PROVIDE HIGH POINT VENTS & LOW POINT DRAINS.
- PROVIDE DIELECTRIC CONNECTIONS BETWEEN DISSIMILAR MATERIALS.
- UNIONS AND/OR FLANGES SHALL BE INSTALLED AT EACH PIECE OF EQUIPMENT AND IN BYPASSES TO PERMIT DISASSEMBLY FOR ALTERATION AND REPAIRS. INSTALL ALL PIPING WITHOUT FORCING OR SPRINGING.
- WATER HAMMER ARRESTORS SHALL BE INSTALLED AT FLUSH VALVE-OPERATED FIXTURES, SOLENOID VALVES & ANY OTHER QUICK CLOSING VALVES TO MINIMIZE NOISE. ARRESTORS SHALL BE INSTALLED WITH PROPER ACCESS PANELS. AIR CHAMBERS SHALL NOT BE PERMITTED.
- FLASH & COUNTER-FLASH ROOF PENETRATIONS FOR PIPING.
- PIPE SHOULD BE OFFSET TO AVOID CONTACT WITH FOOTINGS & FOUNDATION WALLS. IF PIPING MUST RUN UNDERNEATH A FOOTING OR THROUGH A FOUNDATION WALL, THE PIPE MUST BE INSTALLED WITH A RELIEVING ARCH OR IN A PIPE SLEEVE.
- ALL PIPES BURIED UNDERGROUND SHALL BE PROVIDED WITH LINE MARKERS.
- WATER HEATER SHALL BE FILLED WITH WATER & PURGED AS SOON AS INSTALLED OR IN NO EVENT THAN GAS/ELECTRIC HOOK-UP.
- VACUUM BREAKERS SHALL BE PROVIDED FOR ALL FIXTURES TO WHICH HOSES MAY BE ATTACHED. VACUUM BREAKERS SHALL BE PERMANENTLY ATTACHED.
- PROVIDE PRESSURE REDUCING VALVE IF INCOMING WATER PRESSURE EXCEEDS 80 PSI.
- NO INSULATION PERMITTED ON BACKFLOW PREVENTOR ASSEMBLY.
- REFLECTED GATE VALVE IN TOILETS ARE FOR ISOLATION FOR MORE THAN ONE FIXTURE IN A BRANCH. SINGLE PLUMBING FIXTURE IN A BRANCH OR ROOM IS CONSIDERED TO HAVE GATE VALVE AT THE FIXTURE BRANCH W/O THE NEED OF INDICATING ON PLAN.
- DOWNSPOUT EXACT LOCATION WHETHER INTERIOR OF EXTERIOR OF WALL OR COLUMN IS SUBJECT TO APPROVAL OF ARCHITECT OF RECORD.



01
PS - 01

PROPOSED ACADEMIC BUILDING II
DEPARTMENT OF SCIENCE & TECHNOLOGY
LOCATION MAP
SCALE: NTS



02
PS - 01

PROPOSED ACADEMIC BUILDING II
DEPARTMENT OF SCIENCE & TECHNOLOGY
SITE DEVELOPMENT PLAN
SCALE: NTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVE. LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 30244
FAX NOS: 927 6608;
426 7214

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS


ENGINEER:
VICTORIA ADEDECER
SANITARY ENGINEER

PRC No.: 0001927 PTR No.: 4580635
PRC Validty: March 23, 2024 PTR Date: January 07, 2021
TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
TABLE OF CONTENTS
GENERAL PLUMBING & SANITARY NOTES
LOCATION MAP
SITE DEVELOPMENT PLAN

SHEET NO:
PS 01 21

PLUMBING and SANITARY SYMBOLS/LEGENDS:

Table of plumbing and sanitary symbols and legends. Columns include SYMBOL, ABBREVIATION, and DESCRIPTIONS. Categories include PLUMBING FIXTURES, WATER SUPPLY SYSTEM, SANITARY SEWER SYSTEM/WASTE SYSTEM, STORMWATER DRAINAGE SYSTEM, and COMMON symbols.

NOTE: NOT ALL ABBREVIATIONS and SYMBOLS SHOWN HEREIN ARE UTILIZED

PLUMBING and SANITARY ABBREVIATIONS:

Table of plumbing and sanitary abbreviations. Columns include ABBREVIATION, DESCRIPTIONS, ABBREVIATION, and DESC. Includes terms like MAXIMUM, MECHANICAL, MANHOLE, MINIMUM, MID LEVEL, etc.

MATERIAL SPECIFICATIONS:

PIPES, FITTINGS and APPURTENANCES (BASIS OF DESIGN)

Table of material specifications for pipes, fittings, and appurtenances. Columns include COMPONENT, LOCATION / PART, MATERIAL, REFERENCE STANDARDS, CONNECTION TYPE, BRAND / MANUFACTURER, and REMARKS.

NOTE: "APPROVED EQUAL" SHALL BE APPROVED THRU REQUEST OF APPROVAL TO THE UNDERSIGNED SANITARY ENGINEER (SE). FOR MAJOR ITEMS, THE SE AFTER EVALUATION SHALL WRITE RECOMMENDATION TO END-USER/OWNER AND SHALL BE APPROVED BY BOTH "APPROVED EQUAL" SHALL BE THE CONTRACTORS BURDEN OF PROOF.

ENRIQUE O. OLONAN & ASSOCIATES logo and contact information for architects, engineers, and consultants.

ENGINEER: VICTORIA ADEGER SANITARY ENGINEER. Includes PR No., PTR No., and TR No. details.

REPUBLIC ACT 9266. Drawings and specifications and other contract documents duly signed, stamped or sealed...

PROJECT: PROPOSED ACADEMIC BUILDING II. LOCATION: Brgy. Rizal, Odiangan, Romblon.

DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS.

RECOMMENDING APPROVAL: MERIAM F. FALLAR, FAD CHIEF.

APPROVED BY: EDWARD C. ALBARACIN, CAMPUS DIRECTOR.

SHEET CONTENTS: GENERAL PLUMBING & SANITARY SYMBOLS/LEGENDS PLUMBING & SANITARY ABBREVIATIONS MATERIAL SPECIFICATIONS (BASIS OF DESIGN). SHEET NO: PS 02 21.

SCHEDULE OF PLUMBING AND SANITARY EQUIPMENT

PUMPS

MARK	ITEM	QTY	TYPE	PUMP CAPACITY		MOTOR CAPACITY <small>(PLEASE VERIFY w/ PEE DESIGNER)</small>				CONTROLLER / ACCESSORIES <small>(PLEASE VERIFY w/ PEE DESIGNER)</small>	LOCATION	REMARKS	
				FLOW (GPM)	TDH (FT)	POWER (HP)	VOLTAGE (V)	PHASE	CYCLE (Hz)				TYPE
01 DUPLEX CPS 5.0HP	BOOSTER PUMP (CONSTANT PRESSURE SYSTEM)	1 SET (DUPLX)	DUPLEX TYPE VERTICAL IN-LINE, MULTI-STAGE, CENTRIFUGAL PUMP w/ STAINLESS STEEL IMPELLER, SHAFT + INTERMEDIATE CHAMBER, CAST IRON PUMP HEAD & BASE CLOSE-COUPLED TO VERTICAL ELECTRIC MOTOR w/ INTEGRATED FREQUENCY CONVERTER REQUIRED TOTAL SYSTEM FLOW = 160 GPM	PUMP 1		230	3	60	Electric Driven Open Drip Proof	DUPLEX TYPE, WYE DELTA, COMBINATION MAGNETIC STARTER, COMPLETE w/ INDIVIDUAL MOLDED CASE CIRCUIT BREAKER, THERMAL OVERLOAD RELAY, CONTROL CIRCUIT BREAKER, CONTROL TRANSFORMER, BW LIQUID LEVEL RELAY (LH/RH), ALTERNATING RELAY, INDICATING LIGHTS (POWER ON & OFF), START & STOP PUSH BUTTONS, H-O-A SELECTOR SWITCH & TERMINAL BLOCKS WIRED IN NEMA 12 WALL MOUNTED ENCLOSURE.	DECK FLOOR PUMP HOUSE	AUTOMATIC OPERATION 2 UNITS OPERATIONAL DEPENDING ON SYSTEM DEMAND	
				80	100								5
				80	100								5

TANKS

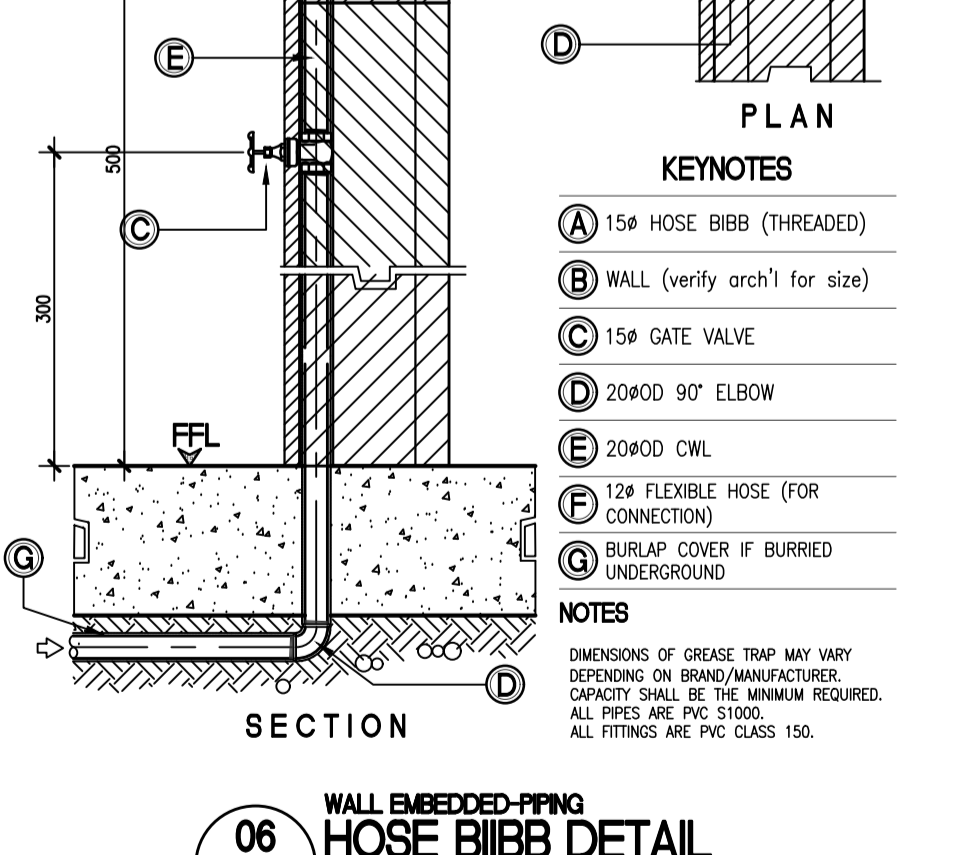
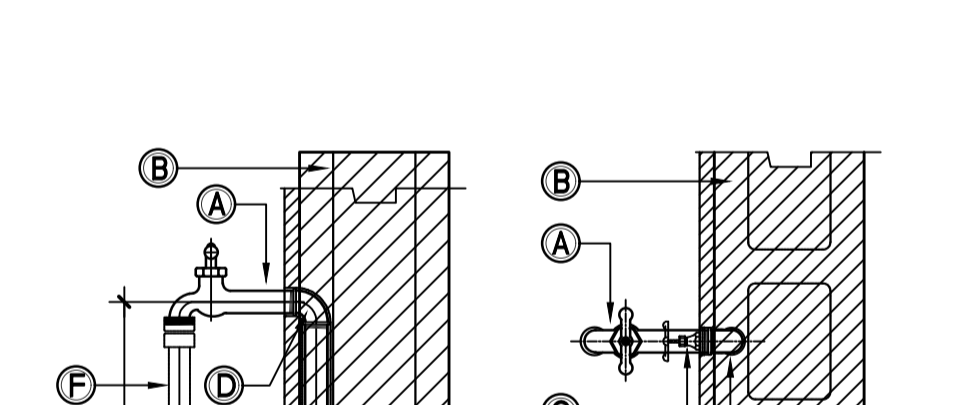
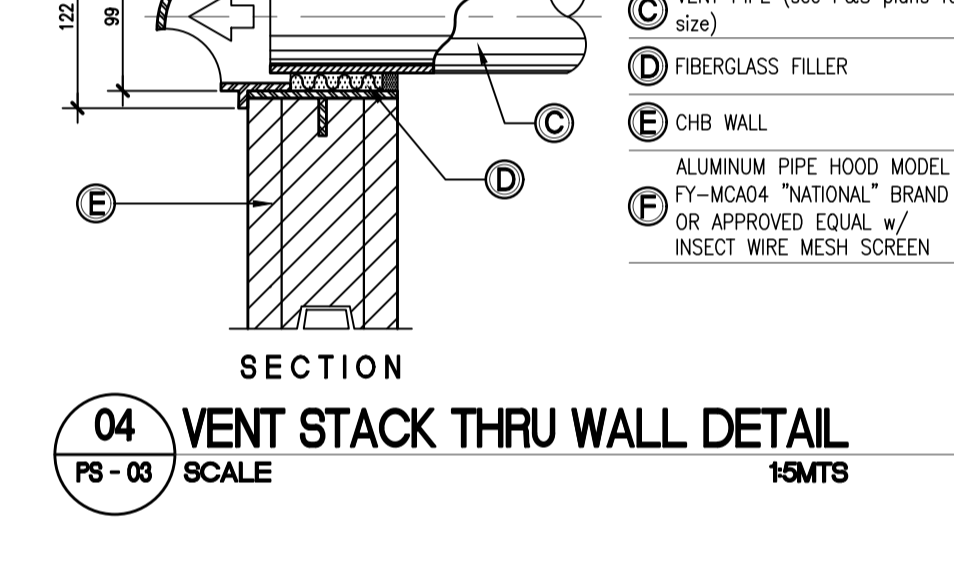
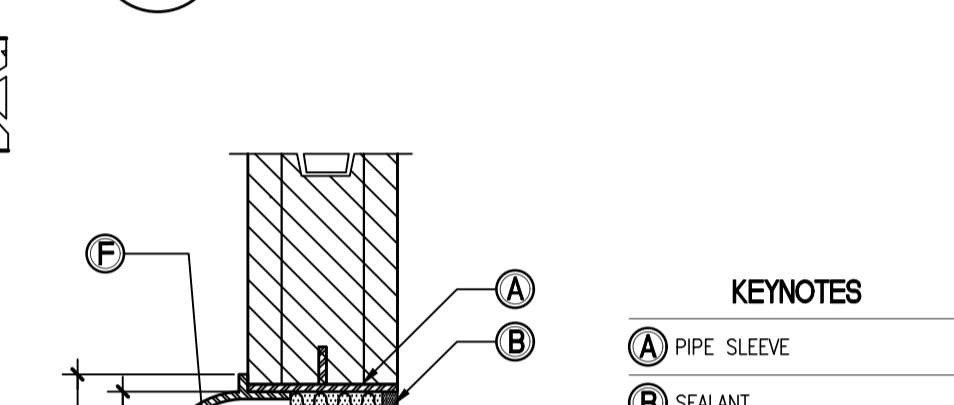
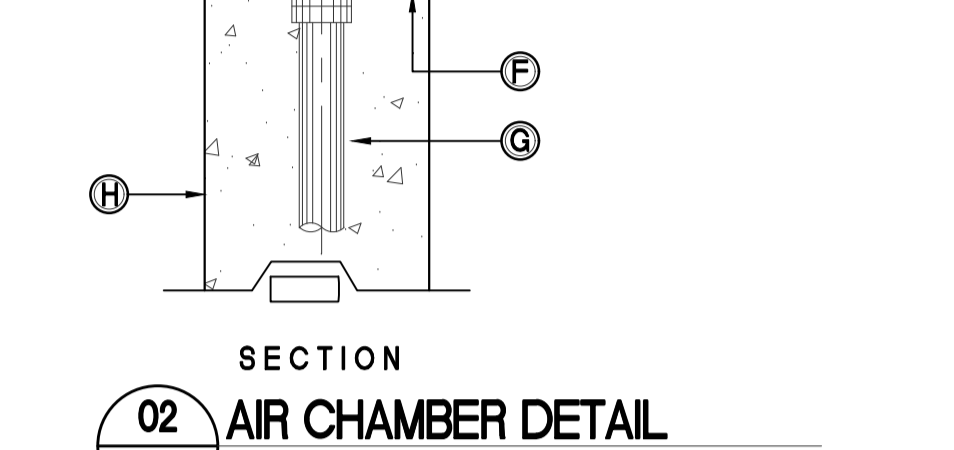
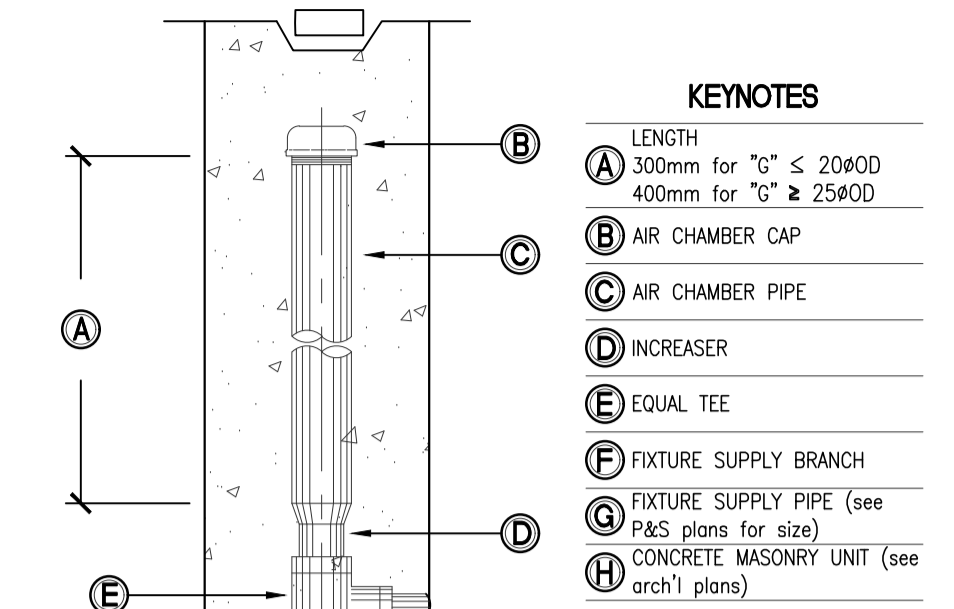
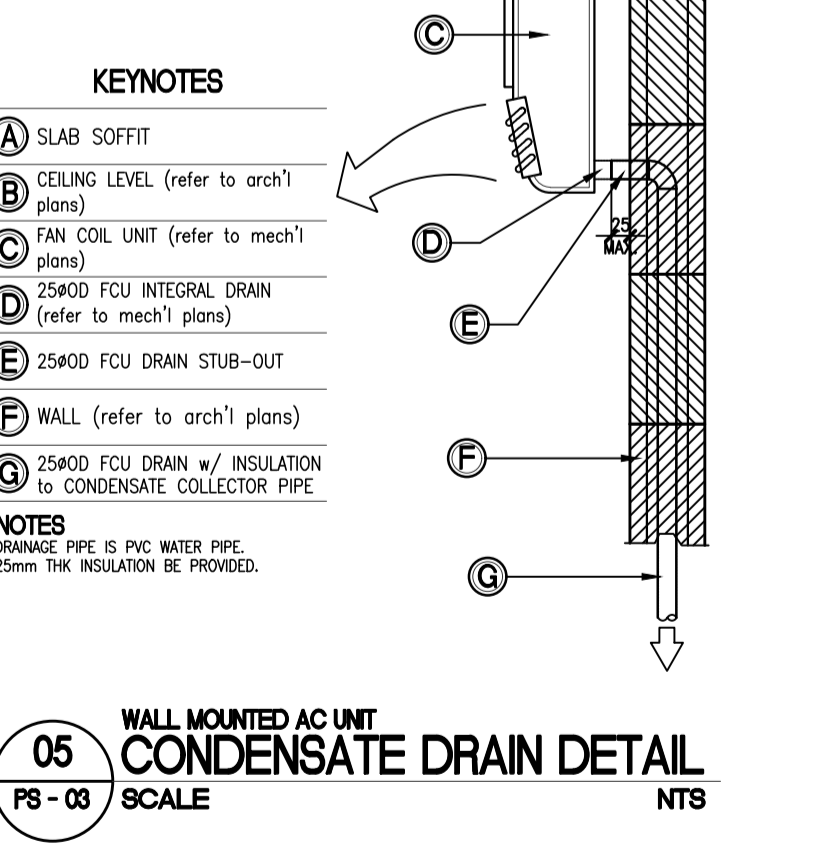
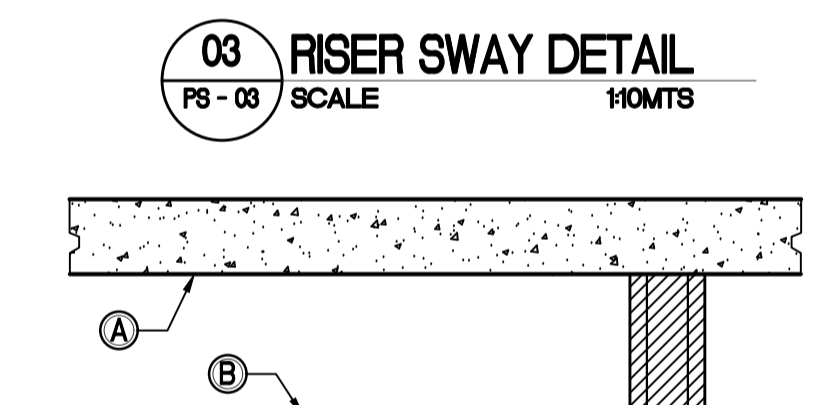
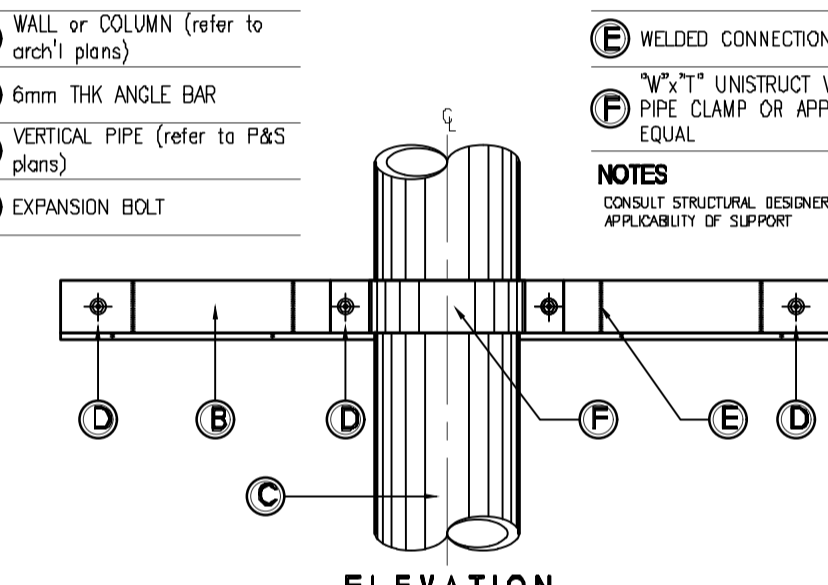
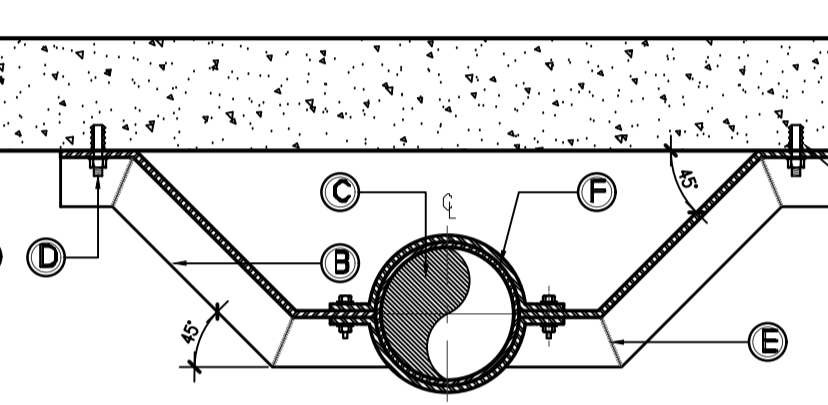
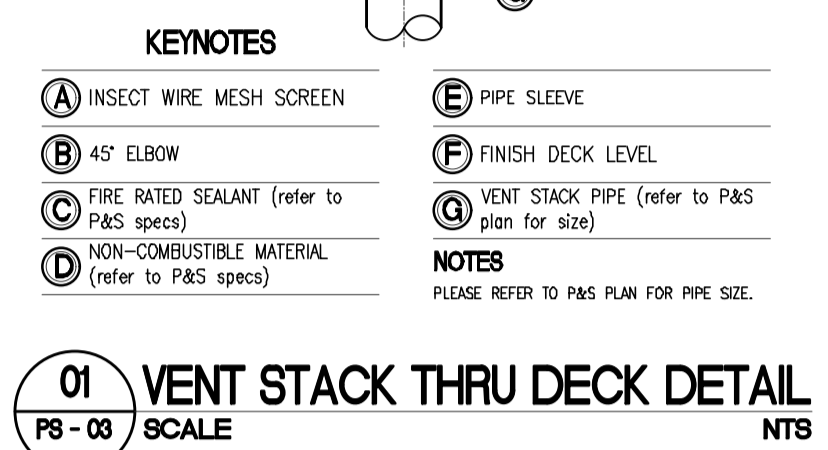
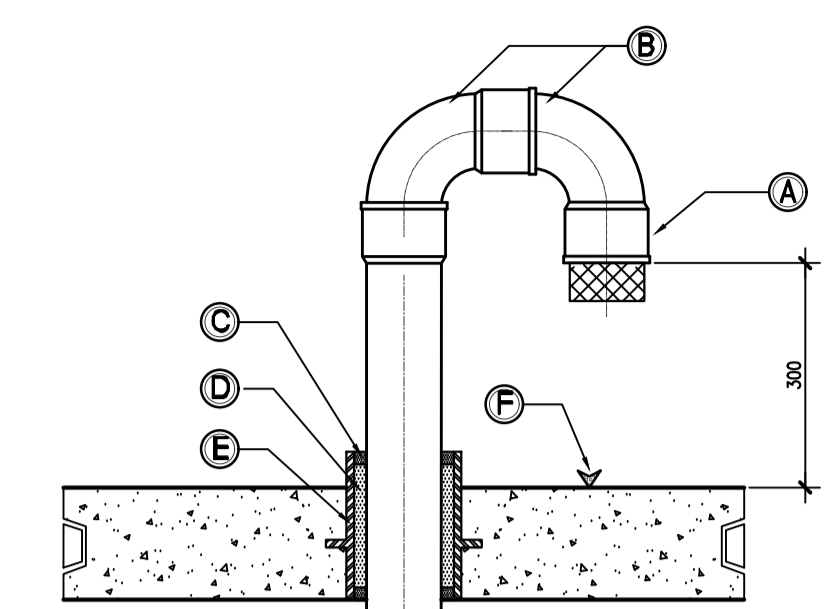
MARK	ITEM	QTY	CHAMBERS	CAPACITY <small>(Liters)</small>	INSIDE DIMENSIONS				LOCATION	REMARKS
					LENGTH <small>(mm)</small>	WIDTH <small>(mm)</small>	HEIGHT <small>(mm)</small>	FREE BOARD <small>(mm)</small>		
01 WT 2.8CU M	POTABLE WATER CISTERN TANK	2 UNIT / S	1ST	12800	3590	2450	2530	300	AT DECK FLOOR (ON-GROUND)	<ul style="list-style-type: none"> POLYETHYLENE TYPE LINEAR DIMENSIONS ARE ALL IN CLEAR INSIDE WALL PARTITION (2 CHAMBERS) OVERFLOW BOX WITH PIPE EA CHAMBER DRAIN VALVE AT EA CHAMBER MANHOLE AT EA CHAMBER 2-100Ø AIR VENT AT EA CHAMBER LADDER RUNG AT EA CHAMBER BALANCING VALVE BET CHAMBERS SUPPORT BY STRUCTURAL ENGR
02 WT 2.8CU M			2ND	12800	3590	2450	2530	300		

WATER HEATER

MARK	ITEM	QTY	DETAILS	FLOW <small>(LPM)</small>	CWL <small>(mm OD)</small>	POWER <small>(KW)</small>	VOLTAGE <small>(V)</small>	PRESSURE <small>(max/min) PSI</small>	CYCLE <small>(Hz)</small>	LOCATION	REMARKS
01 WH-SF 3.5KW	WATER HEATER (SINGLE POINT)	1 SET/S	WITH TEMPERATURE ADJUSTMENT / LIMITER, DIGITAL LED INDICATOR PANEL DISPLAY, ELECTRONIC FLOW SENSOR / AUTOMATIC, BUILT-IN ELCB, WATER RESISTANCE IP24 (min), WATER FILTER MESH, COPPER TUBE HEAT EXCHANGER	1.2 (min)	20	3500 (min)	230	(40/1.5)	60	TOILET	FEATURES MAY VARY w/ DIFFERENT BRANDS NOTE: ACTUAL ITEM FOR INSTALLATION SHALL BE APPROVED BY AOR. THIS TABLE IS FOR GUIDANCE ONLY.

SEPTIC TANK

MARK	ITEM	QTY	DIGESTIVE CHAMBERS	CAPACITY <small>(GALS)</small>	INSIDE DIMENSIONS				WW _D <small>(mm)</small>	LOCATION	REMARKS
					LENGTH <small>(mm)</small>	WIDTH <small>(mm)</small>	HEIGHT <small>(mm)</small>	FREE BOARD <small>(mm)</small>			
01 ST 45.5CU M	SEPTIC TANK	1 UNIT / S	1ST	6150	3600	3600	2200	400	1800	AT LOWER GROUND (UNDERGROUND)	<ul style="list-style-type: none"> REINFORCED CONCRETE TYPE LINEAR DIMENSIONS ARE ALL IN CLEAR INSIDE WALL PARTITION (3 CHAMBERS) LADDER RUNG AT EA CHAMBER MANHOLE AT EA CHAMBER 100Ø CO ON TOP AT EA CONNECTING TEE 1-100Ø AIR VENT AT EA CHAMBER STRUCTURAL DESIGN BY STRUCT ENGR
			2ND	2990	1800	3600	2200	450	1750		
			3RD	2900	1800	3600	2200	500	1700		



ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH

ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER:

VICTORIA ADEDECER
SANITARY ENGINEER

PRC No.: 0001927 PTR No.: 4580635
PRC Validity: March 23, 2024 PTR Date: January 07, 2021
TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

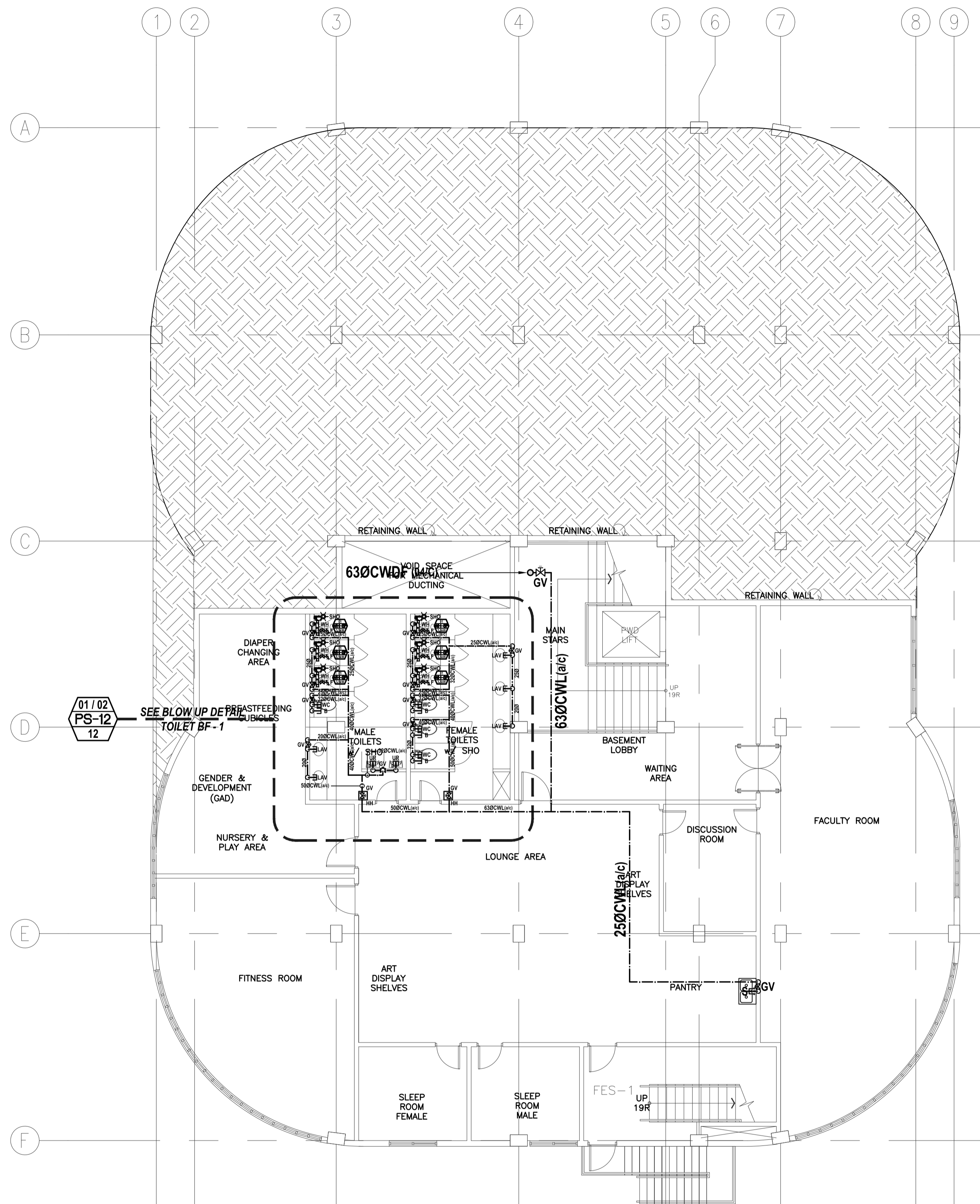
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

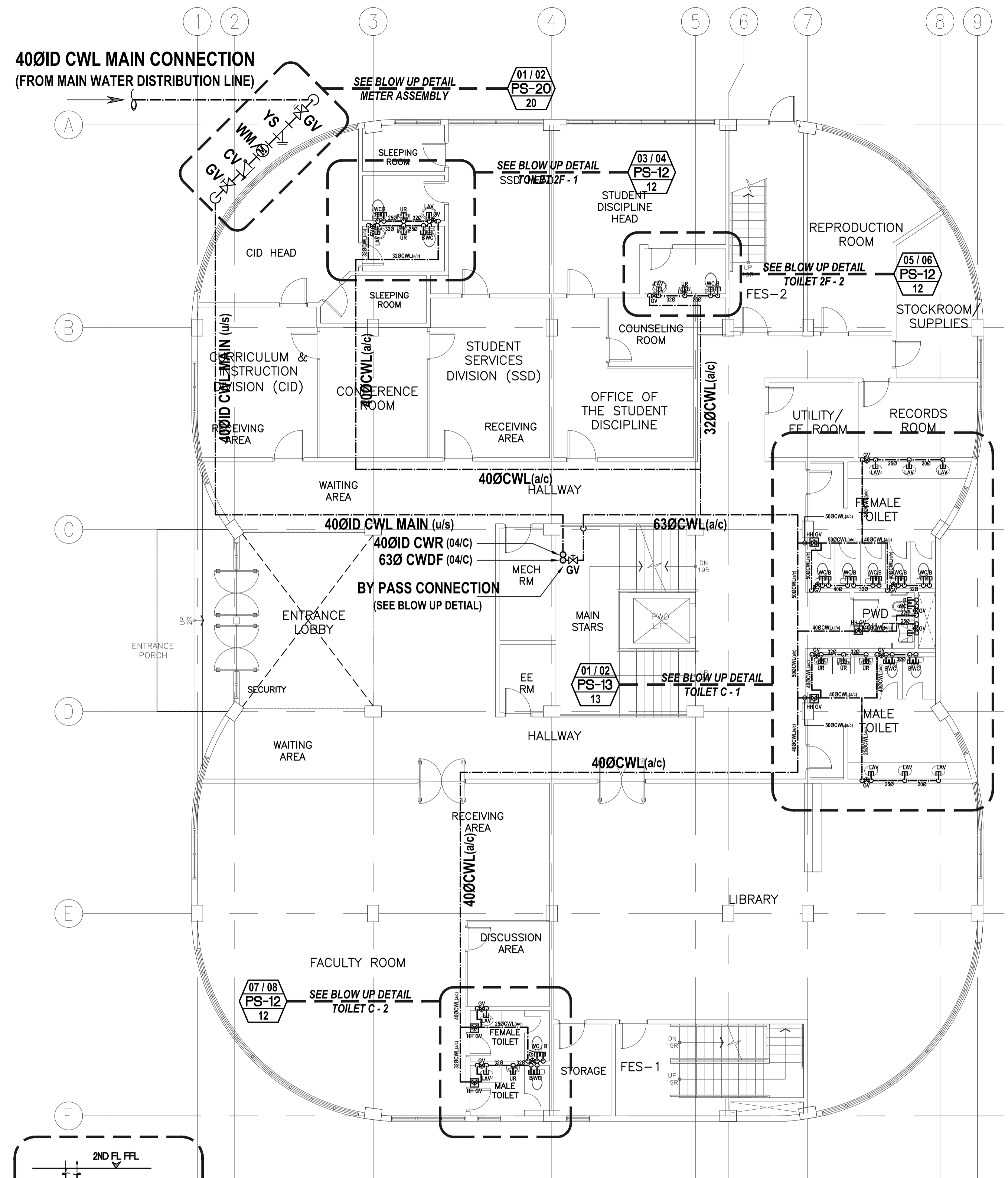
SCHEDULE OF PLUMBING & SANITARY EQUIPMENT
MISCELLANEOUS DETAILS

SHEET NO:

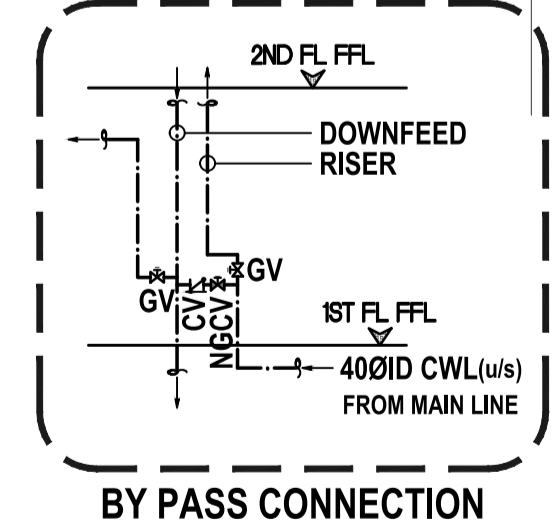
PS
03 21



01
PS-04
ACADEMIC BUILDING II
BASEMENT FLOOR
WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT
SCALE: 1:100m



02
PS-04
ACADEMIC BUILDING II
GROUND FLOOR
WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT
SCALE: 1:100m



ENRIQUE O. OLANON & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH
ENRIQUE O. OLANON & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS.: 426 7009;
426 90244
FAX NOS.: 927 0698;
426 7214

ENGINEER: VICTORIA ADEKER SANITARY ENGINEER	
PRC No.: 0001927	PTR No.: 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TN No.: 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

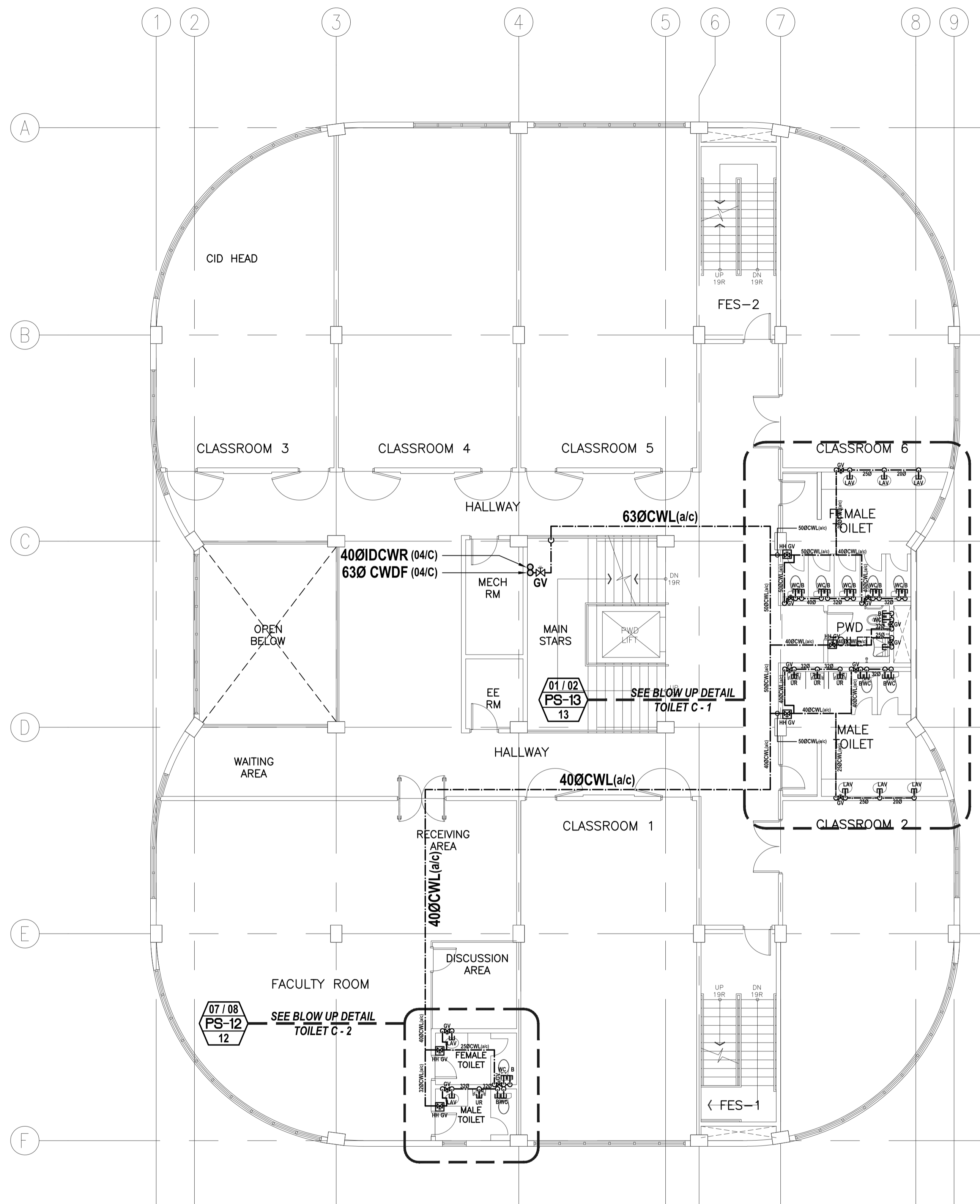
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

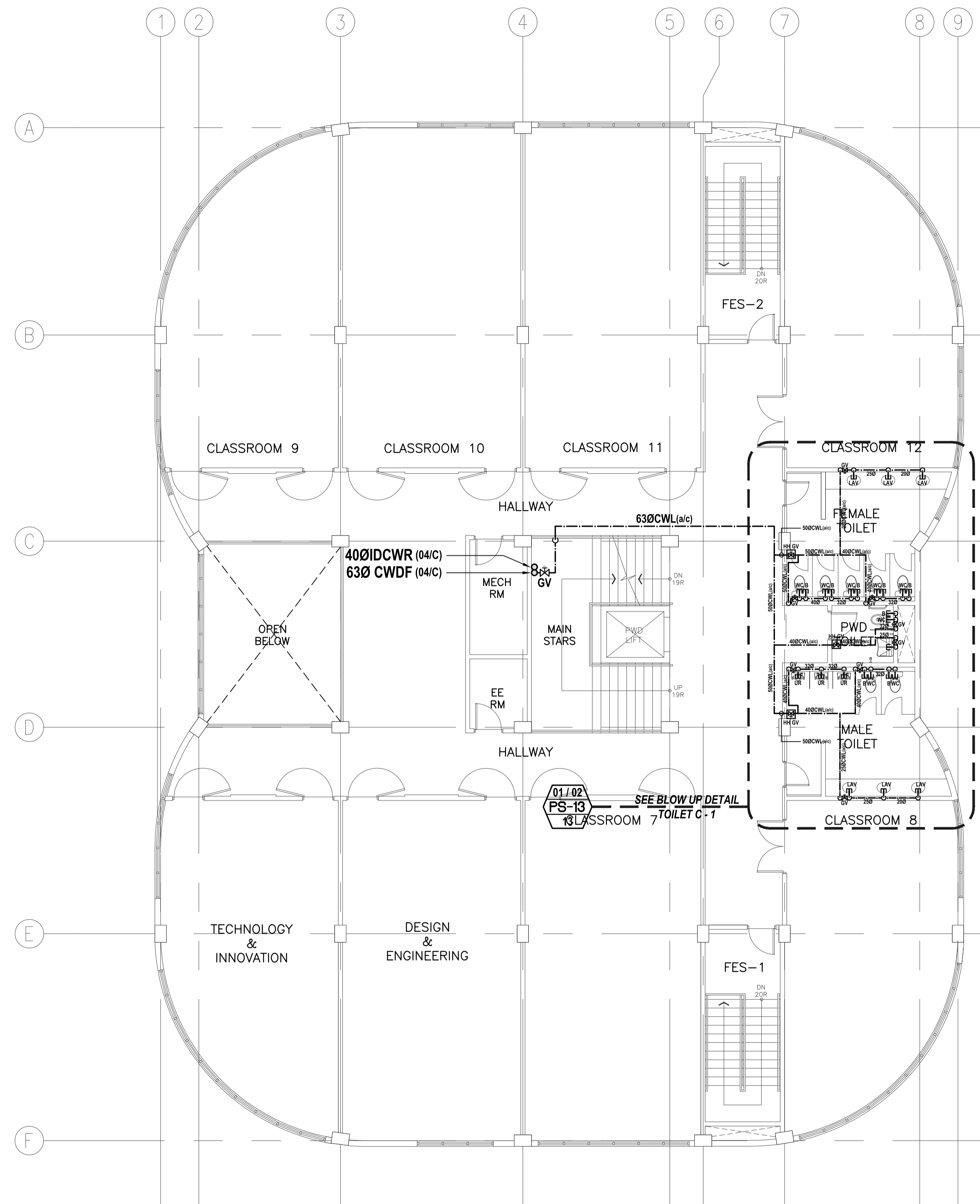
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
- WATER SUPPLY DISTRIBUTION SYSTEM
- BASEMENT FLOOR
- GROUND FLOOR

SHEET NO:
**PS
04 21**



01
PS-05
ACADEMIC BUILDING II
SECOND FLOOR
WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT
SCALE: 1:100m



02
PS-05
ACADEMIC BUILDING II
THIRD FLOOR
WATER SUPPLY DISTRIBUTION SYSTEM LAYOUT
SCALE: 1:100m


ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER: VICTORIA ADECER SANITARY ENGINEER	
PRC No.: 0001927	PTR No.: 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TIN No.: 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**
LOCATION: Brgy. Rizal, Odiangan, Romblon

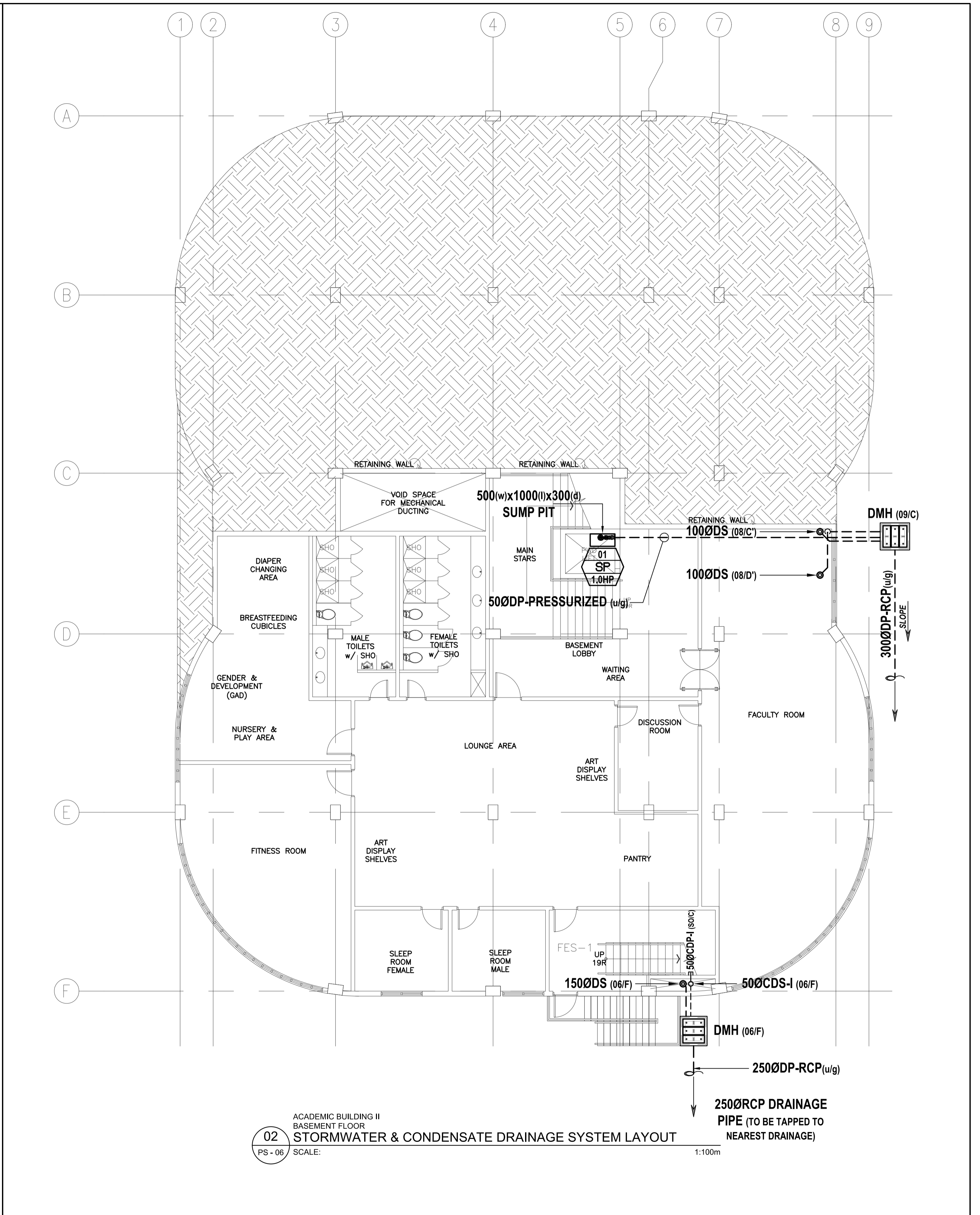
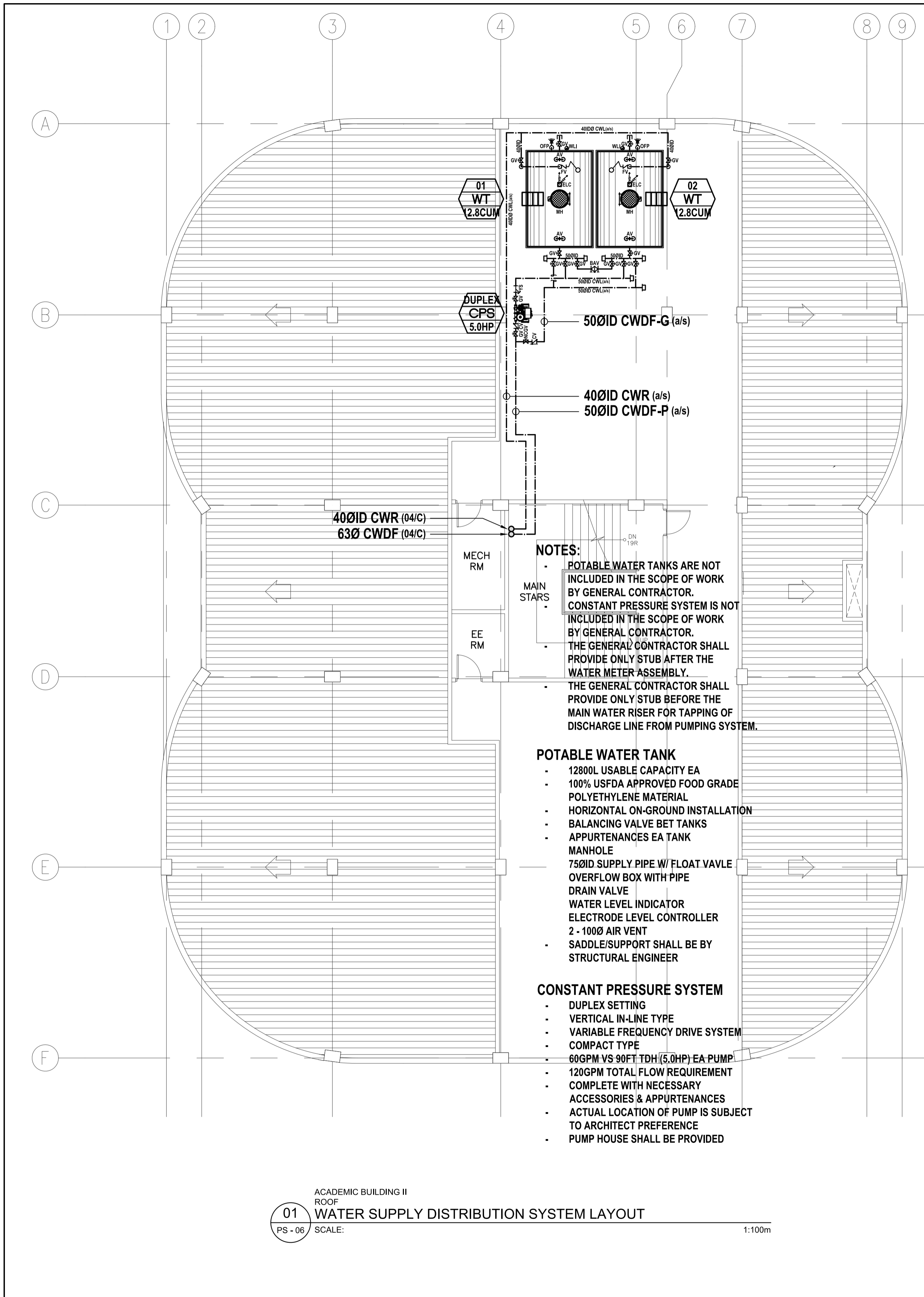
DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

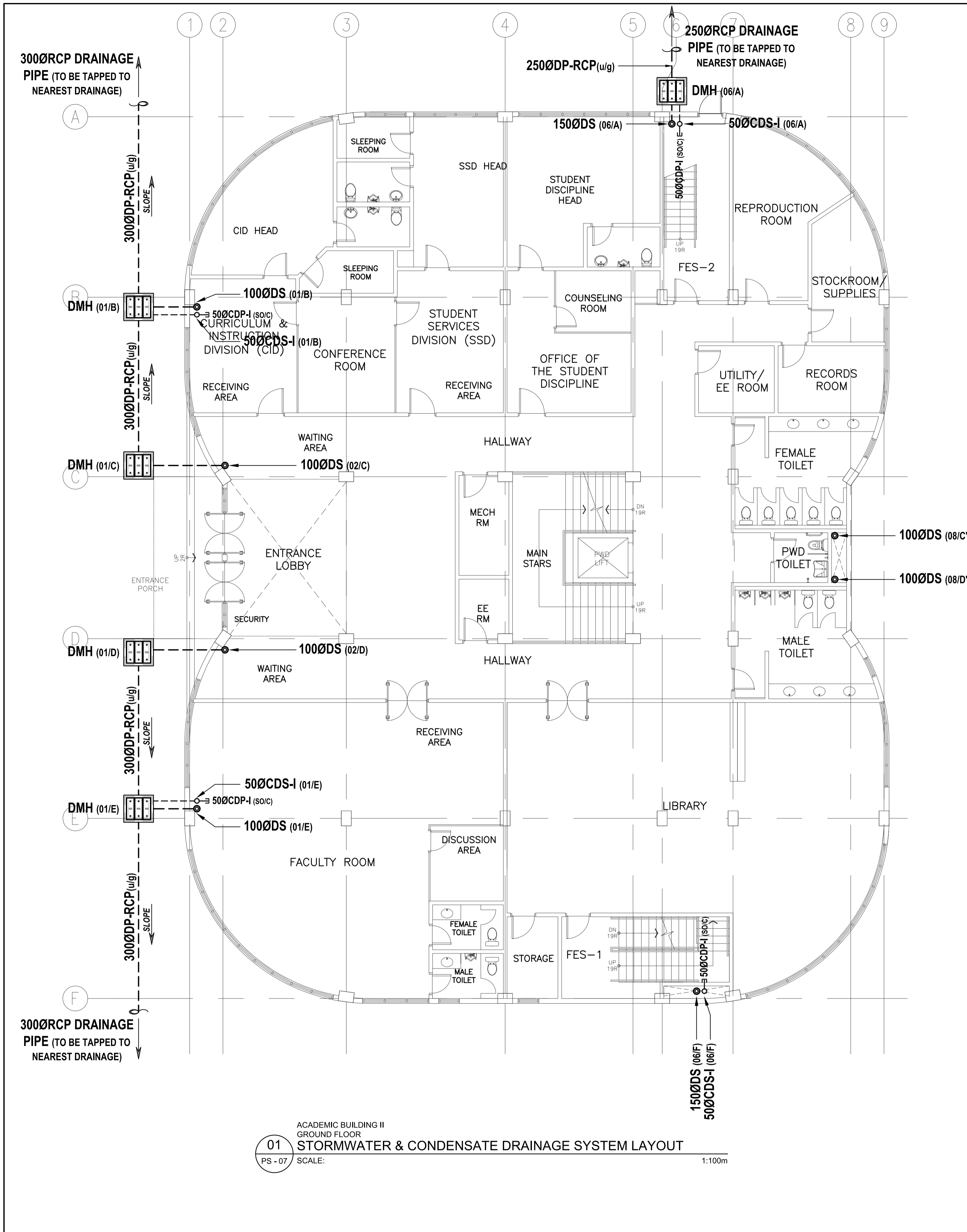
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
WATER SUPPLY DISTRIBUTION SYSTEM
- SECOND FLOOR
- THIRD FLOOR

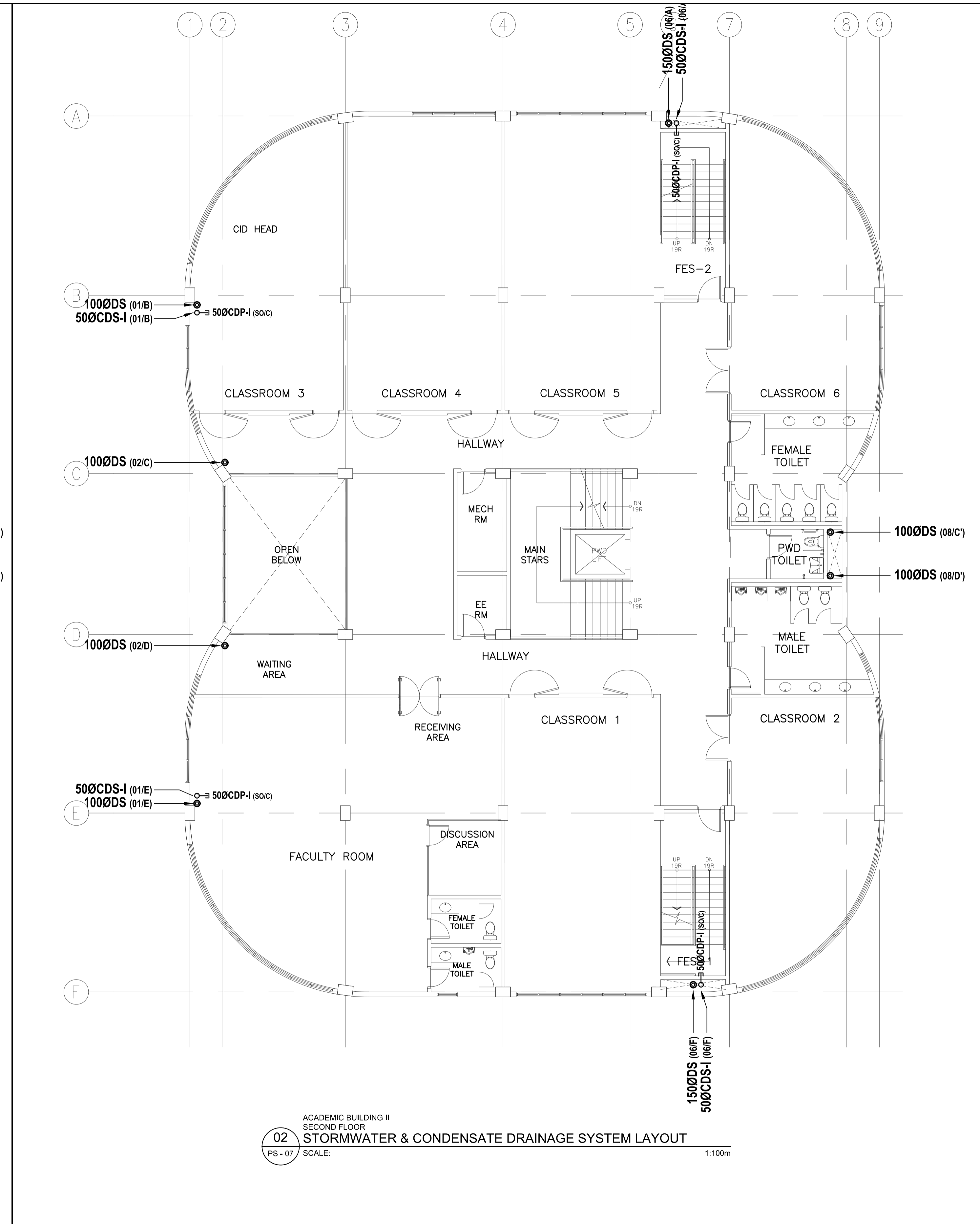
SHEET NO:
**PS
05 21**



ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: VICTORIA ADECER SANITARY ENGINEER	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: WATER SUPPLY DISTRIBUTION SYSTEM - ROOF STORMWATER & CONDENSATE DRAINAGE SYSTEM - BASEMENT FLOOR	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">PS</div> <div style="font-size: 24px; font-weight: bold; margin-left: 5px;">06 21</div> </div>
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LORONGA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214	PRC No.: 0001927 PTR No.: 4580635 PRC Validity: March 23, 2024 PTR Date: January 07, 2021 TN No.: 108-318-662 PTR Place: Pasay City	LOCATION: Brgy. Rizal, Odiongan, Romblon					

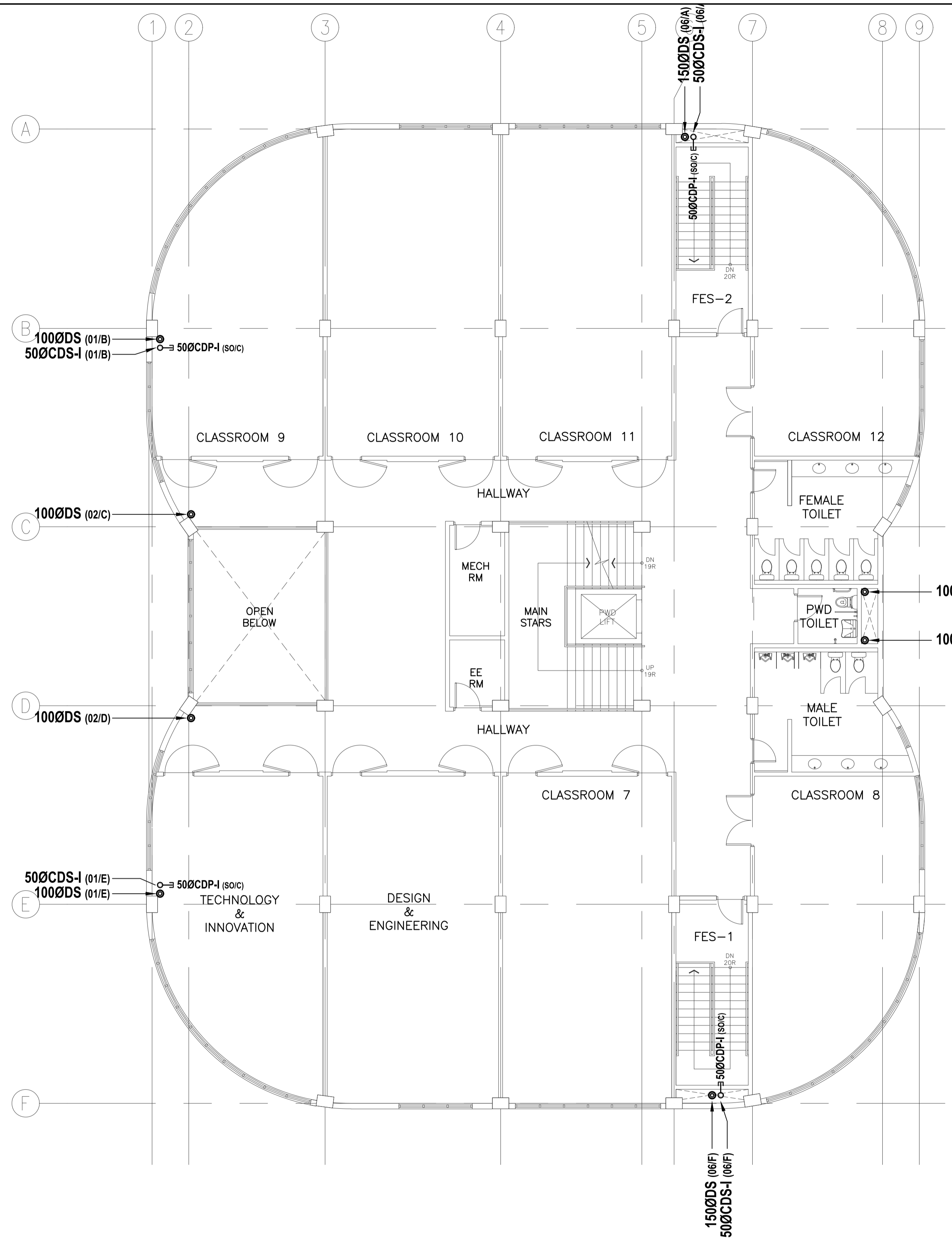


01
PS - 07
ACADEMIC BUILDING II
GROUND FLOOR
STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT
SCALE: 1:100m

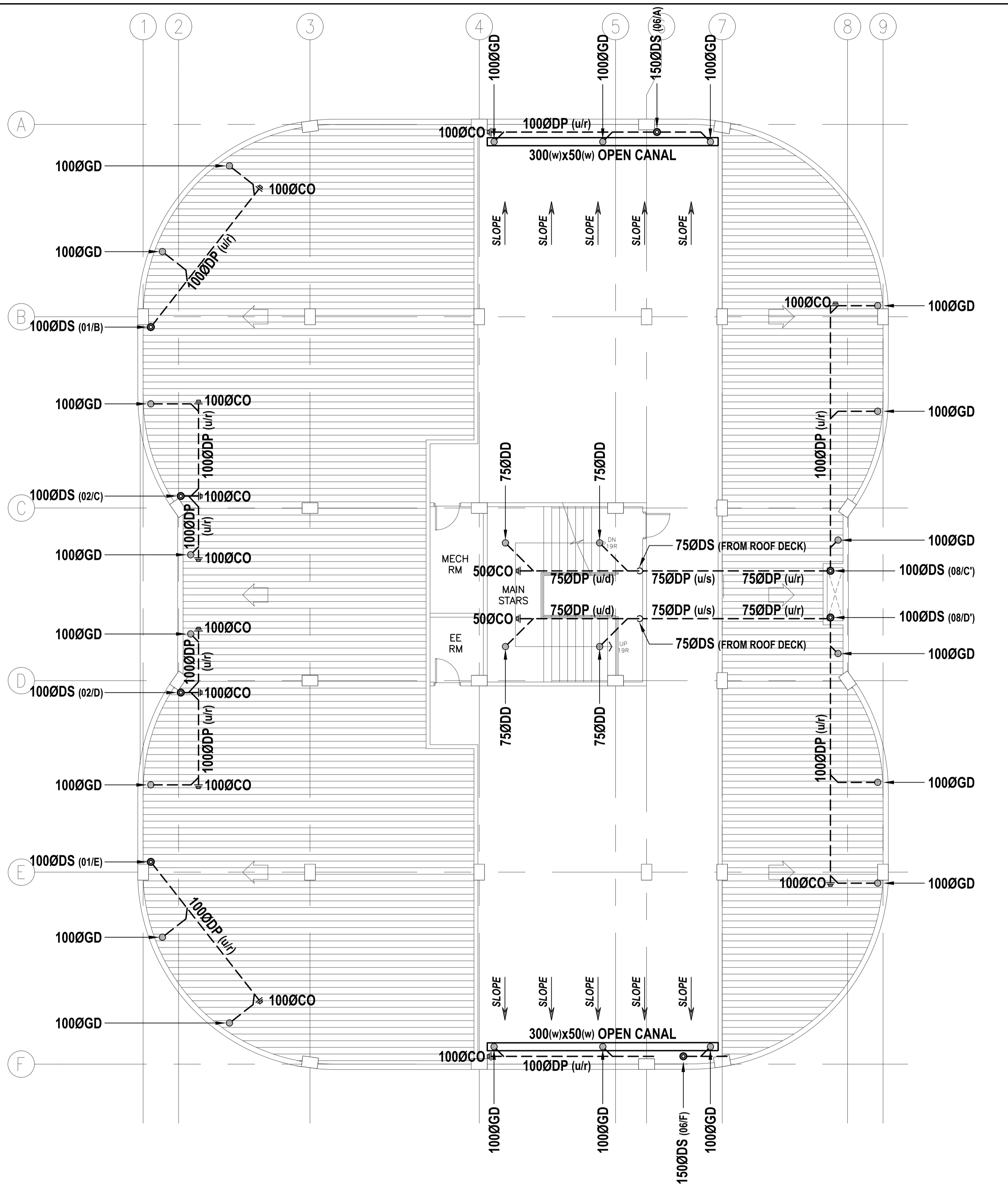


02
PS - 07
ACADEMIC BUILDING II
SECOND FLOOR
STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT
SCALE: 1:100m

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>ENGINEER: VICTORIA ADEKER SANITARY ENGINEER</p>	<p>REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</p>	<p>PROJECT: PROPOSED ACADEMIC BUILDING II</p>	<p>DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS: STORMWATER & CONDENSATE DRAINAGE SYSTEM - GROUND FLOOR - SECOND FLOOR</p>	<p>SHEET NO: PS 07 21</p>
	<p>PRC No.: 0001927 PTR No.: 4580635 PRC Validity: March 23, 2024 PTR Date: January 07, 2021 TN No.: 108-318-662 PTR Place: Pasay City</p>	<p>LOCATION: Brgy. Rizal, Odiongan, Romblon</p>						



01 ACAD. BLDG II THIRD FLOOR STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT
 PS - 08 SCALE: 1:100m



02 ACAD. BLDG II ROOF STORMWATER & CONDENSATE DRAINAGE SYSTEM LAYOUT
 PS - 08 SCALE: 1:100m

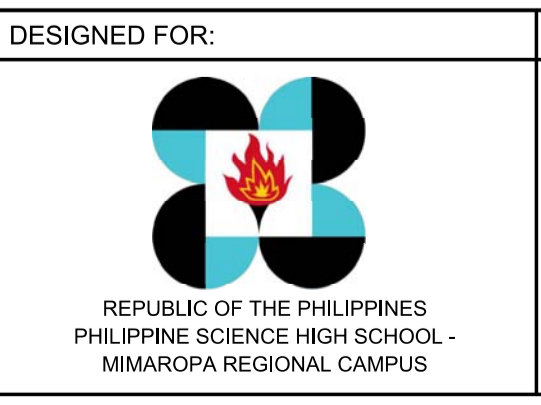
ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM NO. 38 XAVIERVILLE
 LAYLOVOLA HEIGHTS, QUEZON CITY, 1108
 TEL NOS: 426 7009;
 426 30244
 FAX NOS: 927 0608;
 426 7214

ENGINEER: VICTORIA ADEKER SANITARY ENGINEER	
PRC No.: 0001927	PTR No.: 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TN No.: 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

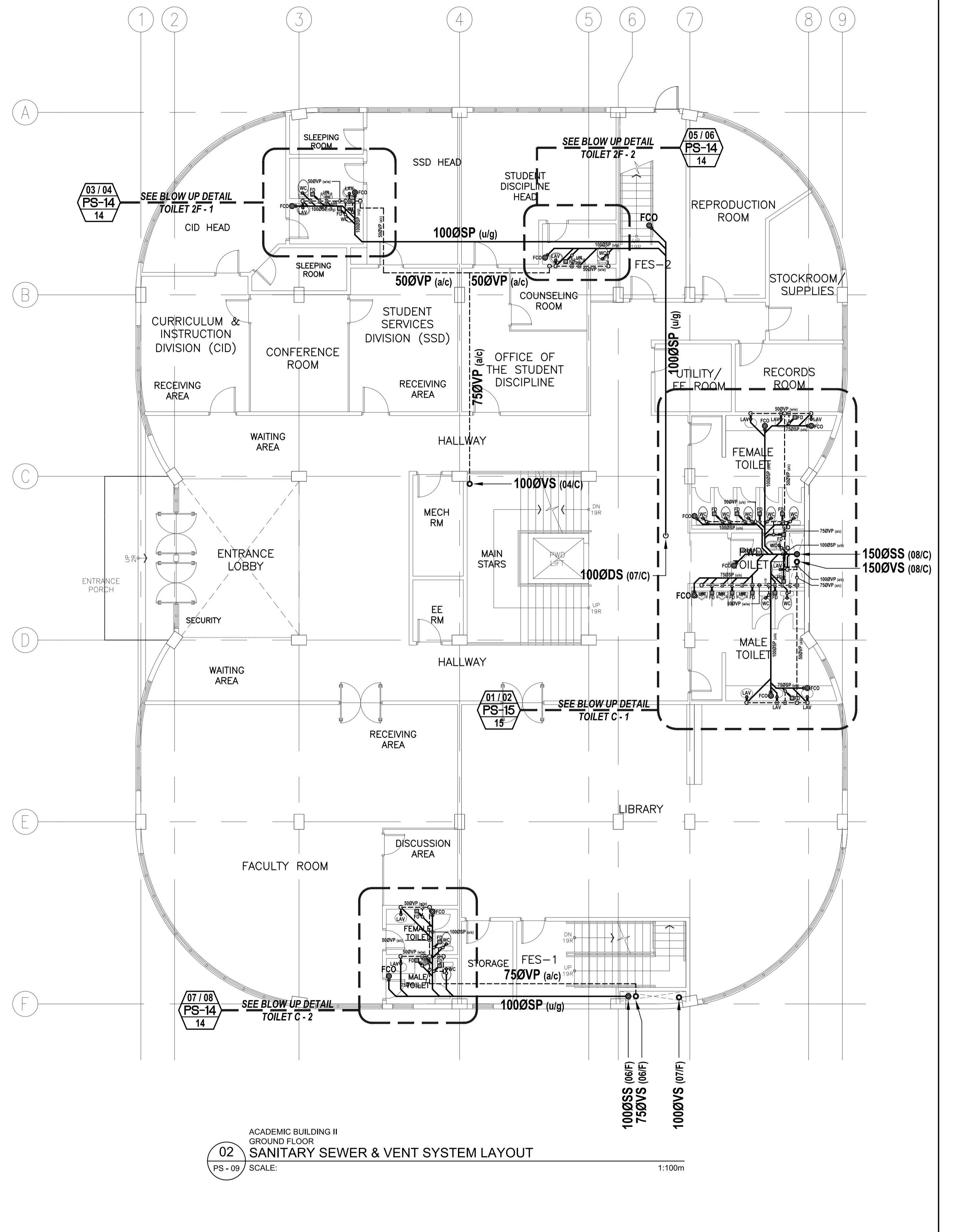
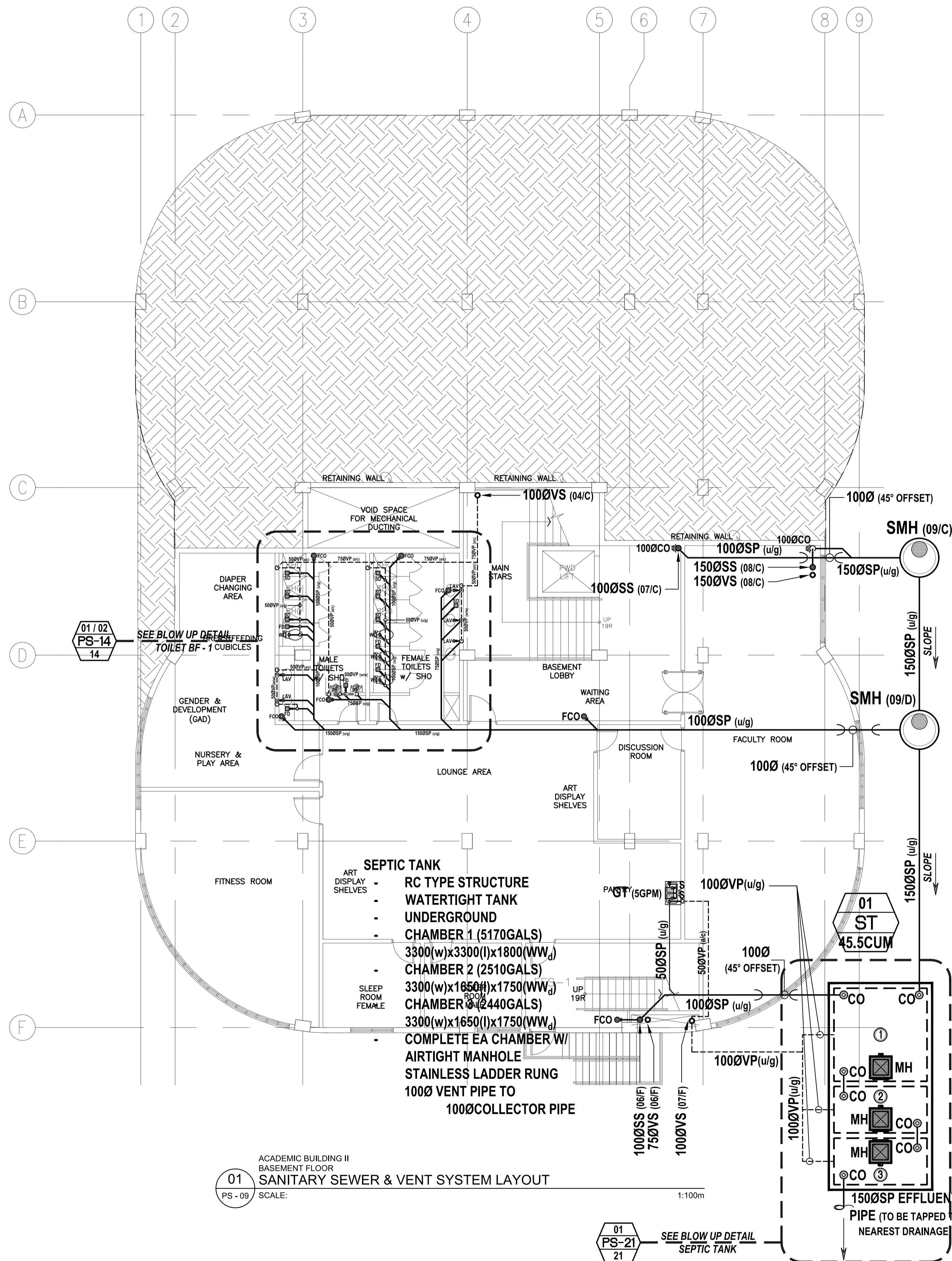


RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 STORMWATER & CONDENSATE DRAINAGE SYSTEM
 - THIRD FLOOR
 - ROOF

SHEET NO:
PS
08 21



ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS.: 426 7009;
426 90244
FAX NOS.: 927 0698;
426 7214

ENGINEER:
VICTORIA ADEDECER
SANITARY ENGINEER

PRC No.: 0001927 PTR No.: 4580635
PRC Validity: March 23, 2024 PTR Date: January 07, 2021
TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

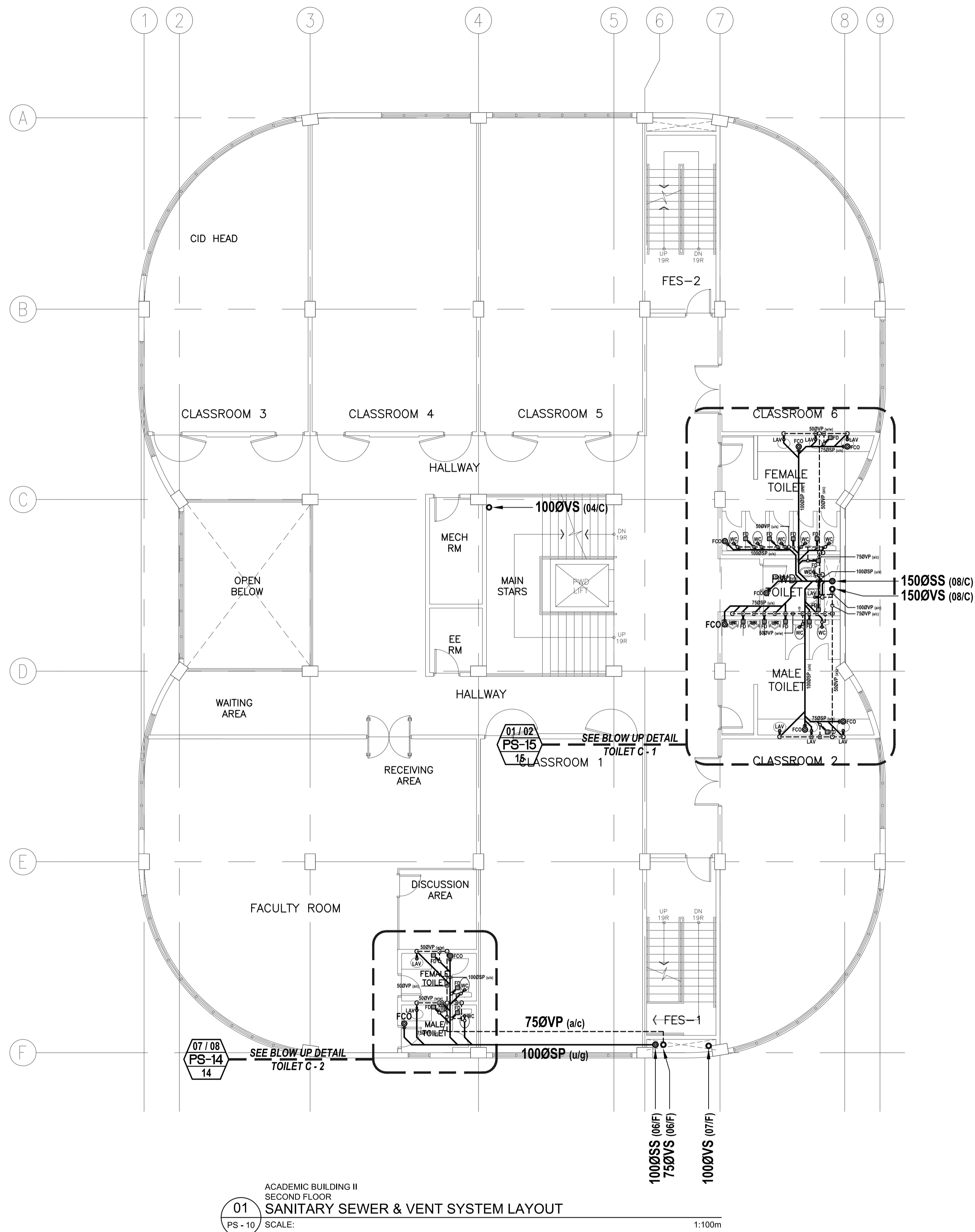
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

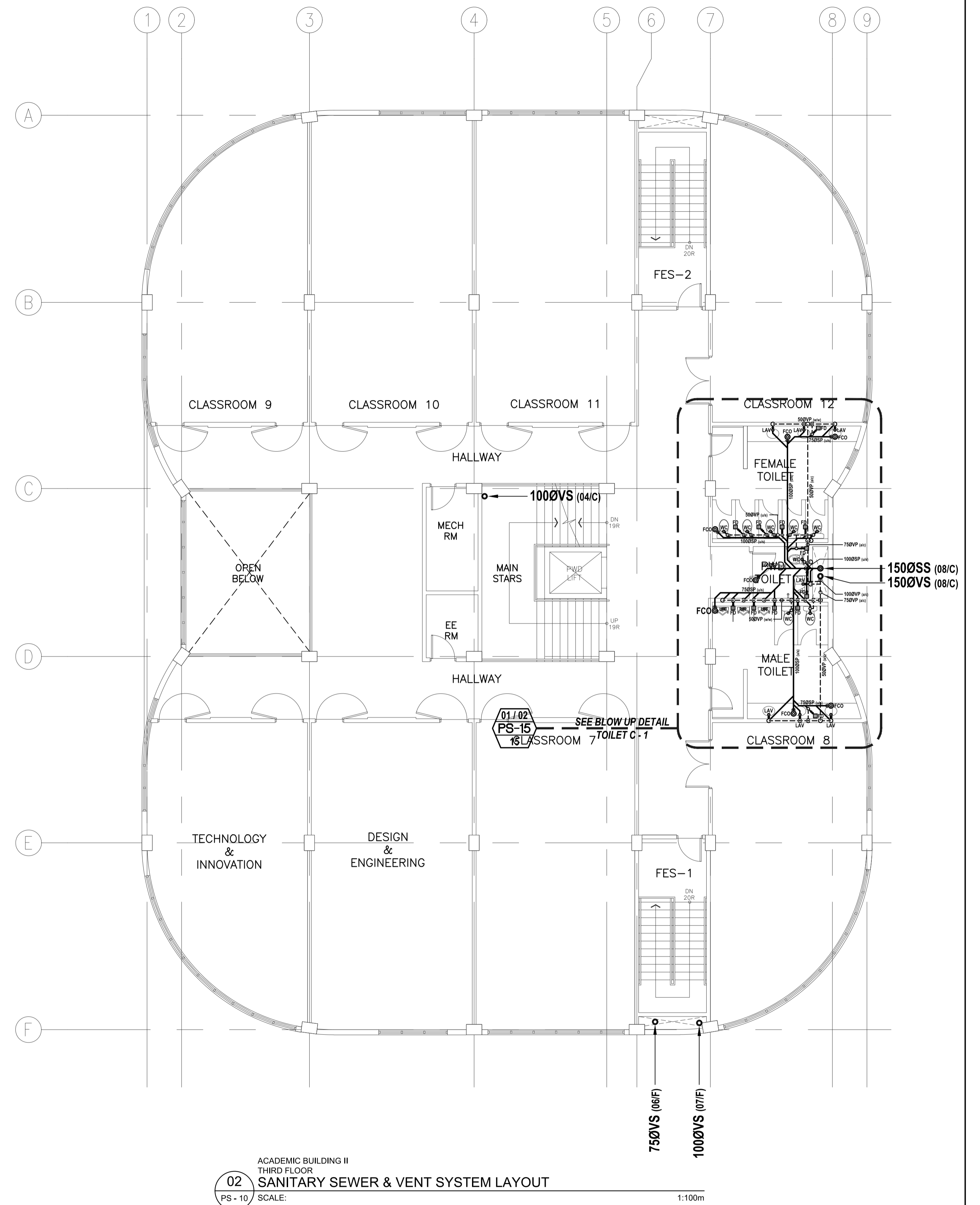
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
- SANITARY SEWER & VENT SYSTEM
- BASEMENT FLOOR
- GROUND FLOOR

SHEET NO:
**PS
09 21**



01
PS - 10
ACADEMIC BUILDING II
SECOND FLOOR
SANITARY SEWER & VENT SYSTEM LAYOUT
SCALE: 1:100m



02
PS - 10
ACADEMIC BUILDING II
THIRD FLOOR
SANITARY SEWER & VENT SYSTEM LAYOUT
SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LAYOGUAS HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

ENGINEER:

VICTORIA ADECER
SANITARY ENGINEER

PRC No. : 0001927	PTR No. : 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TIN No. : 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

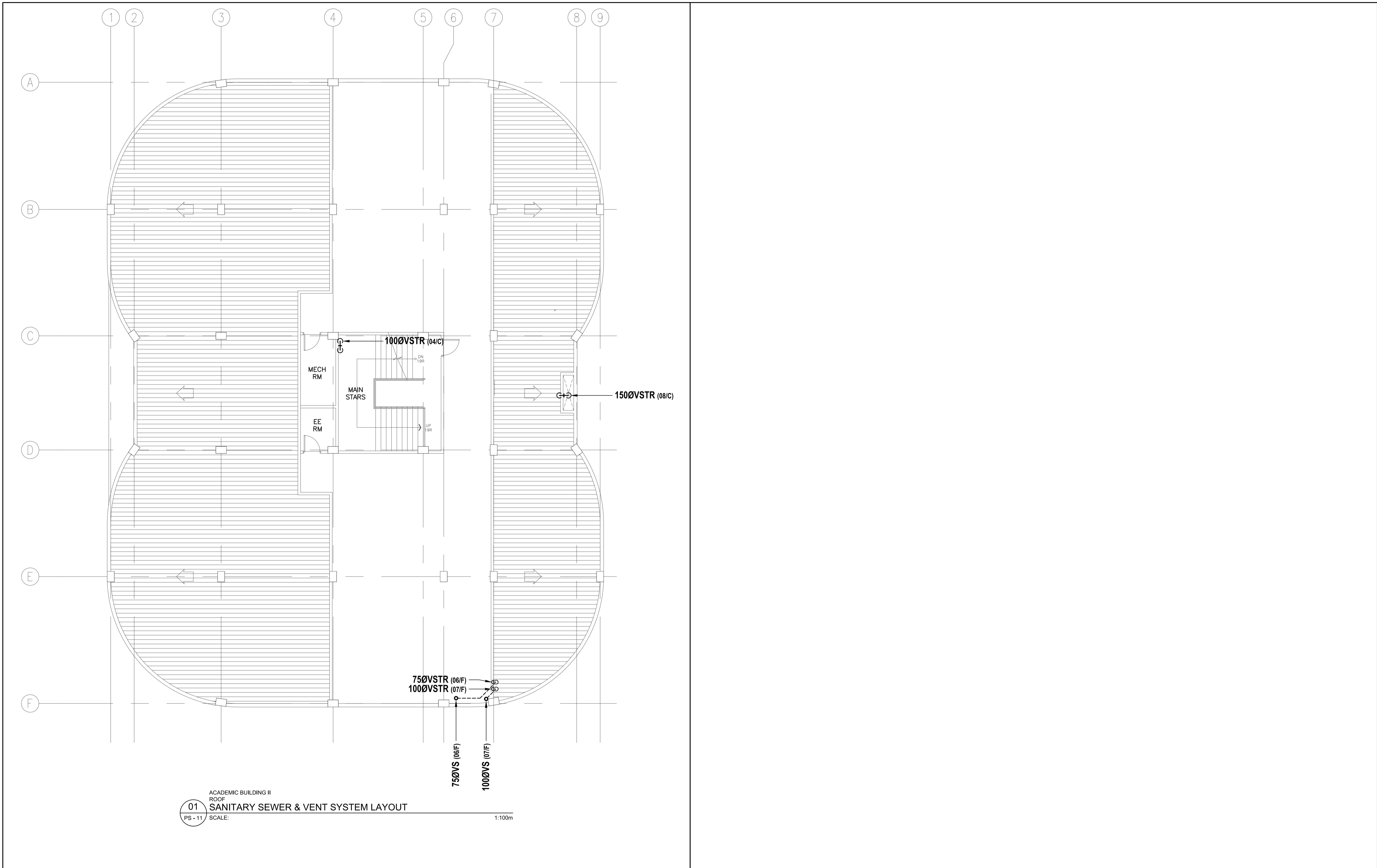
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

SANITARY SEWER & VENT SYSTEM
- SECOND FLOOR
- THIRD FLOOR

SHEET NO:

PS
10 21



01
PS - 11
ACADEMIC BUILDING II
ROOF
SANITARY SEWER & VENT SYSTEM LAYOUT
SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER: VICTORIA ADEDECER SANITARY ENGINEER	
PRC No.: 0001927	PTR No.: 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TIN No.: 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**
LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

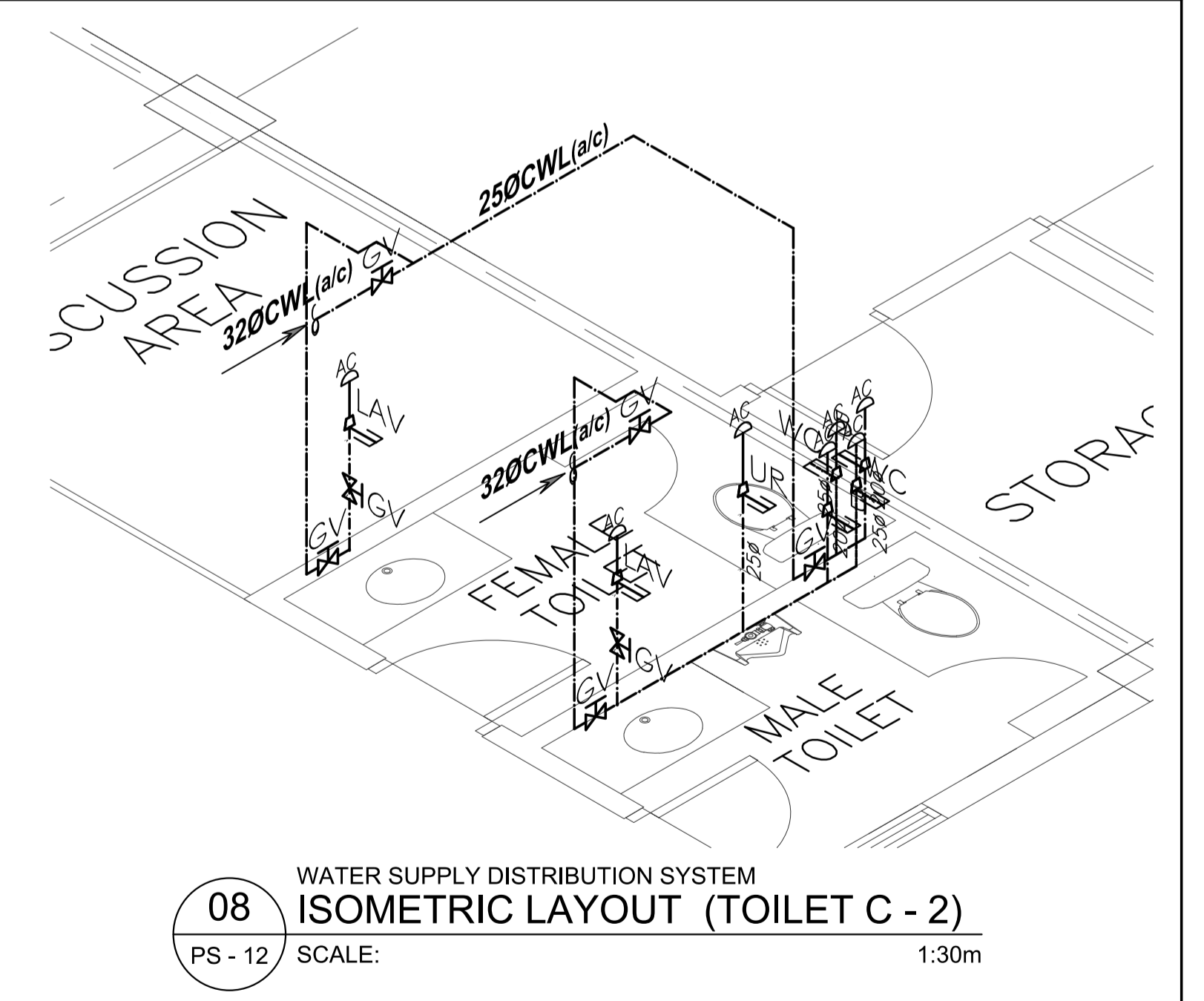
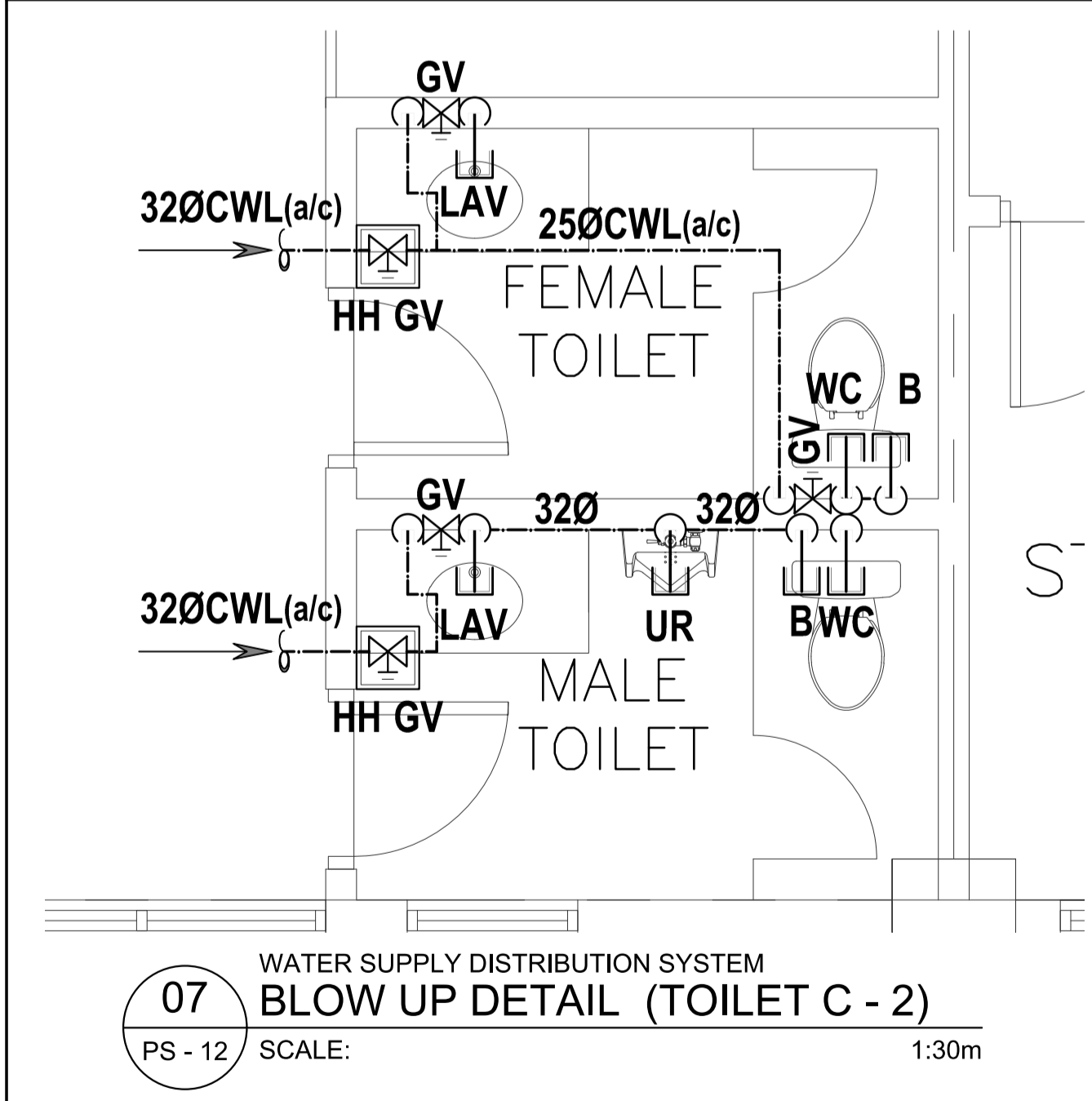
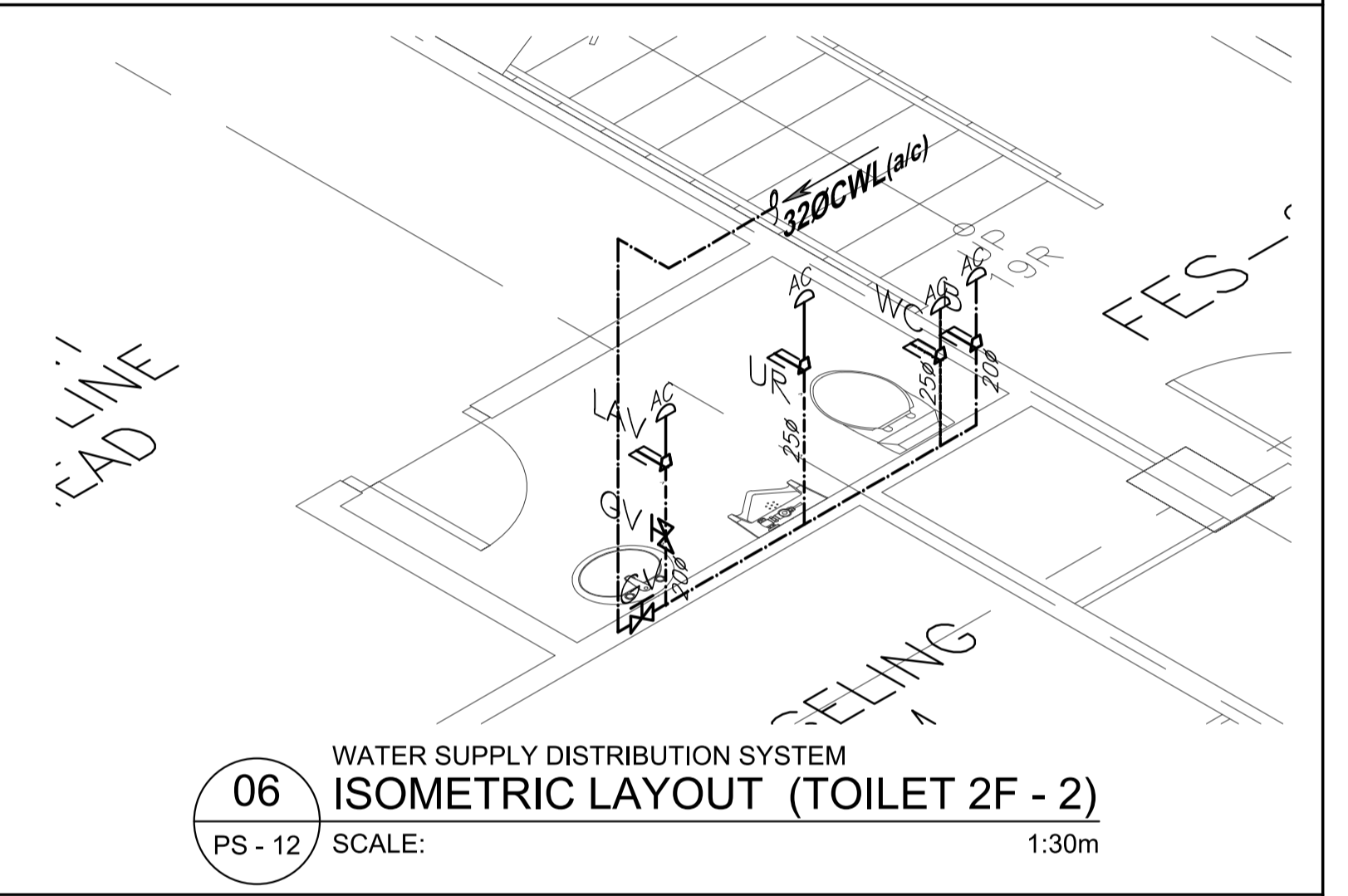
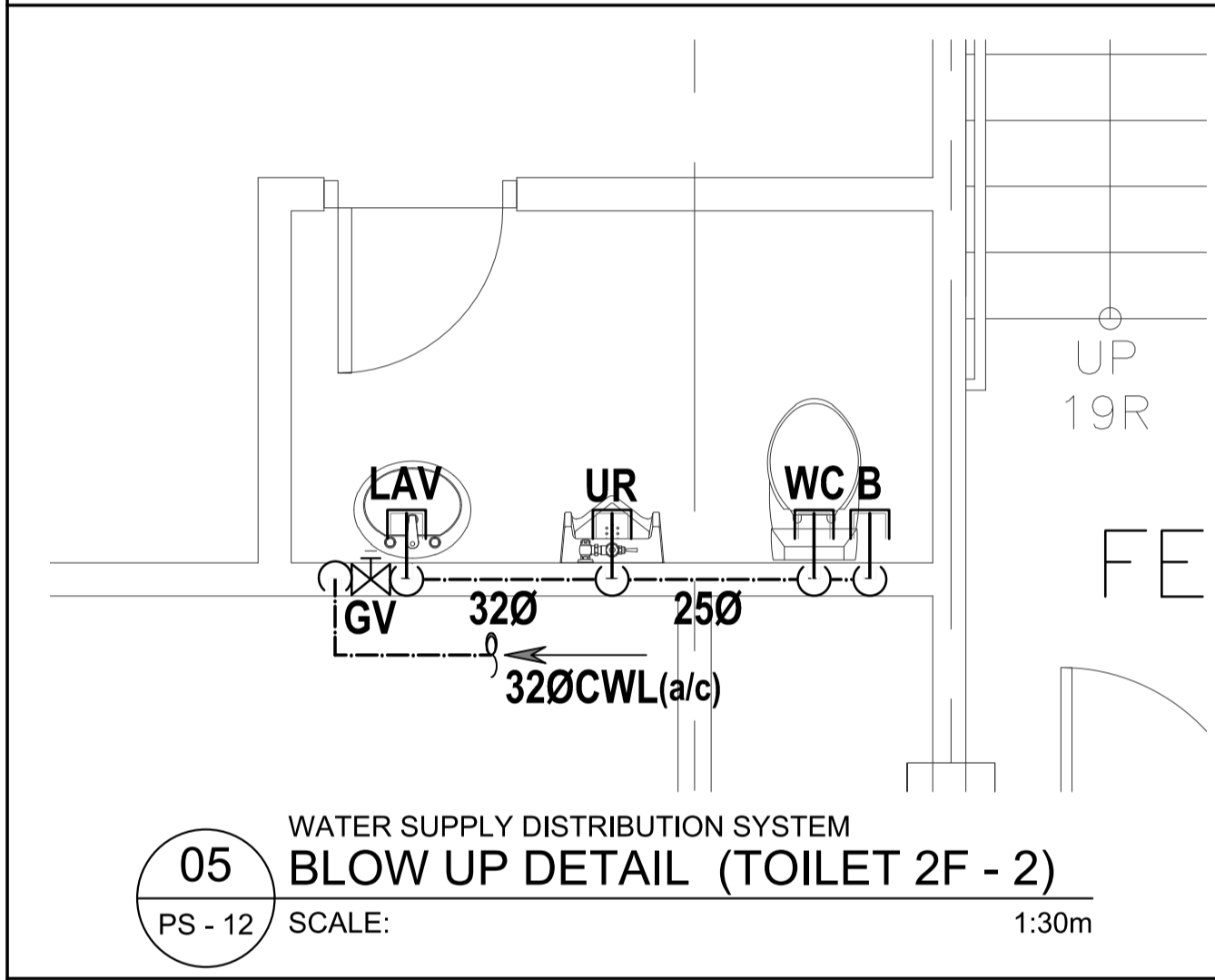
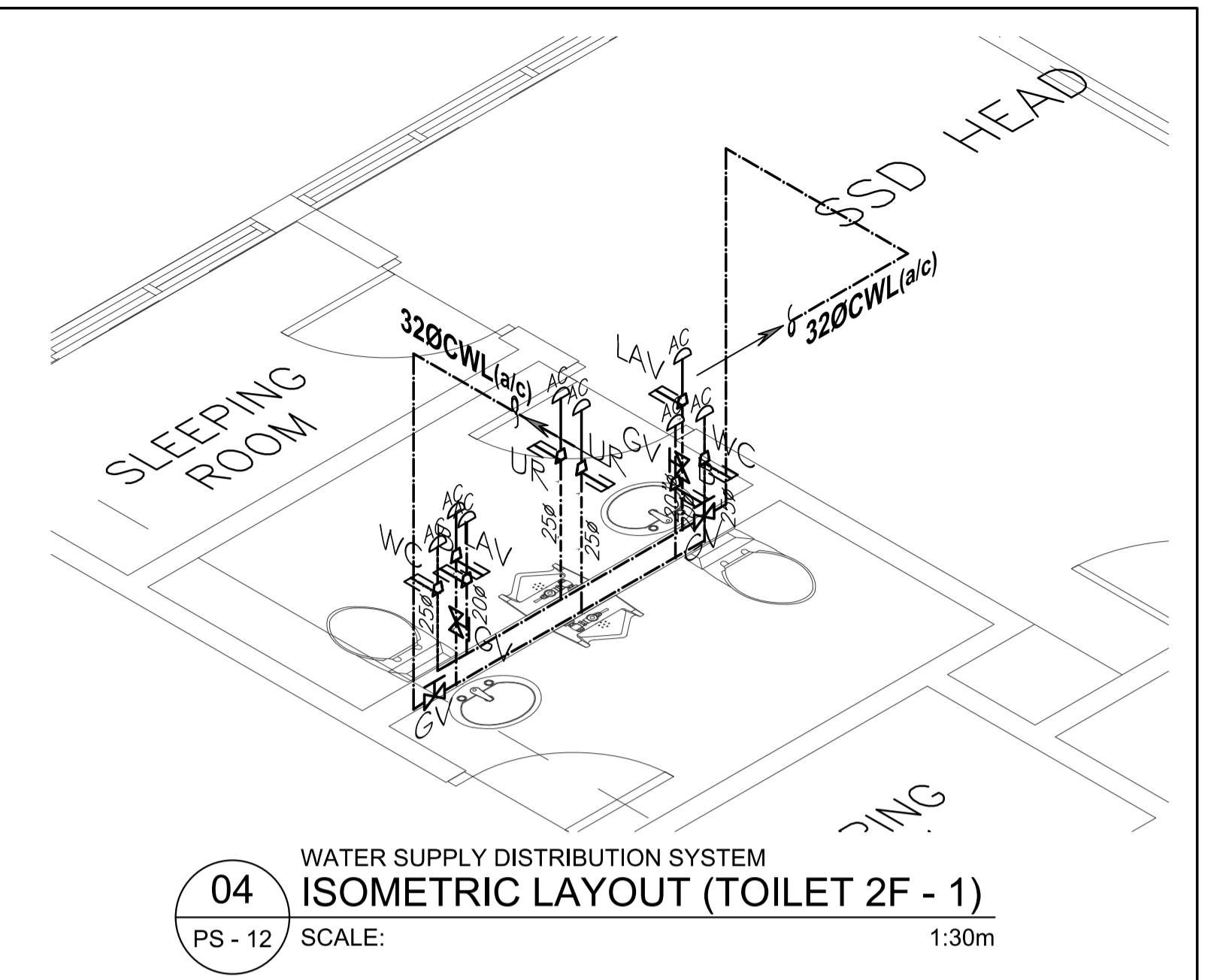
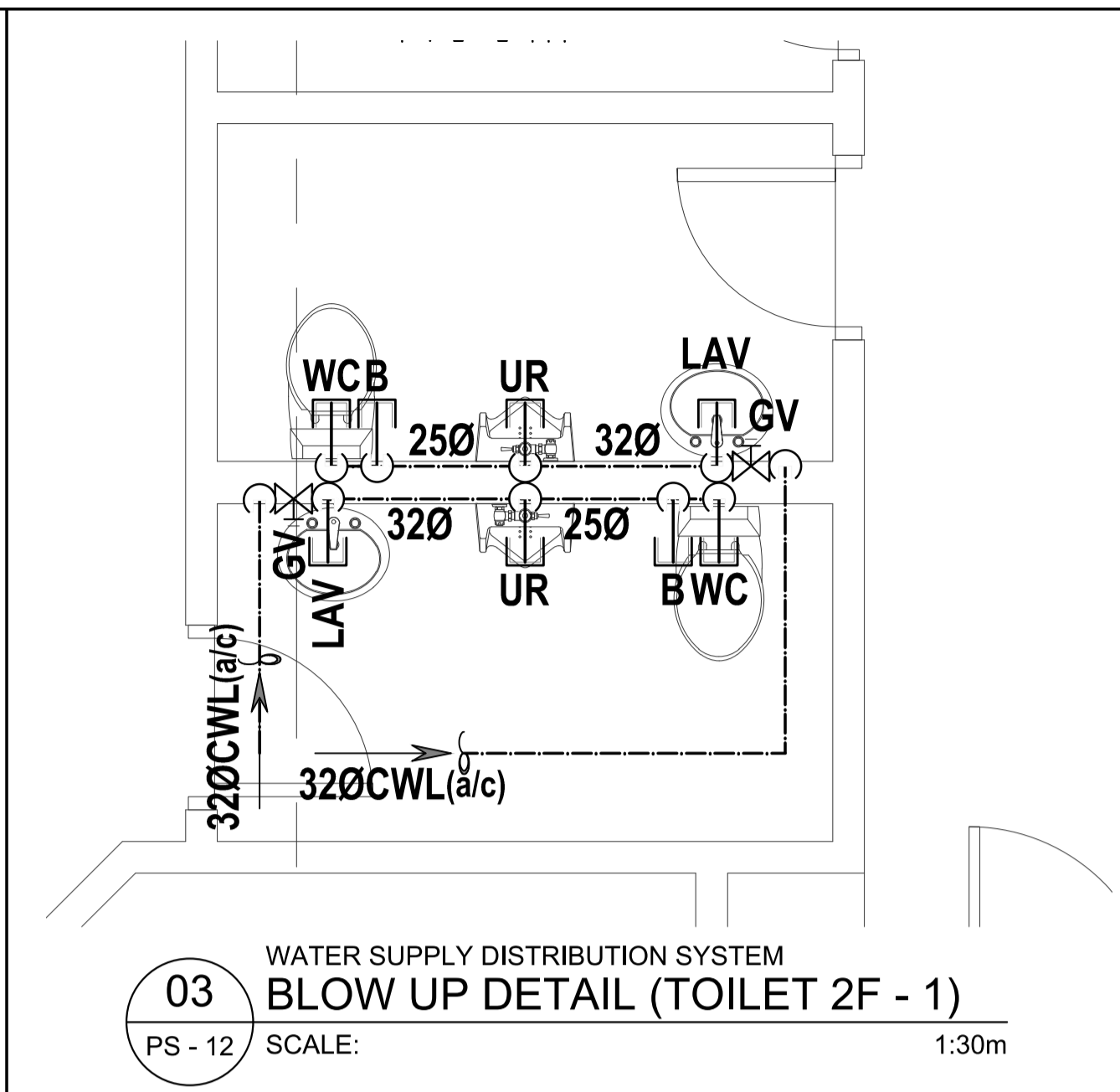
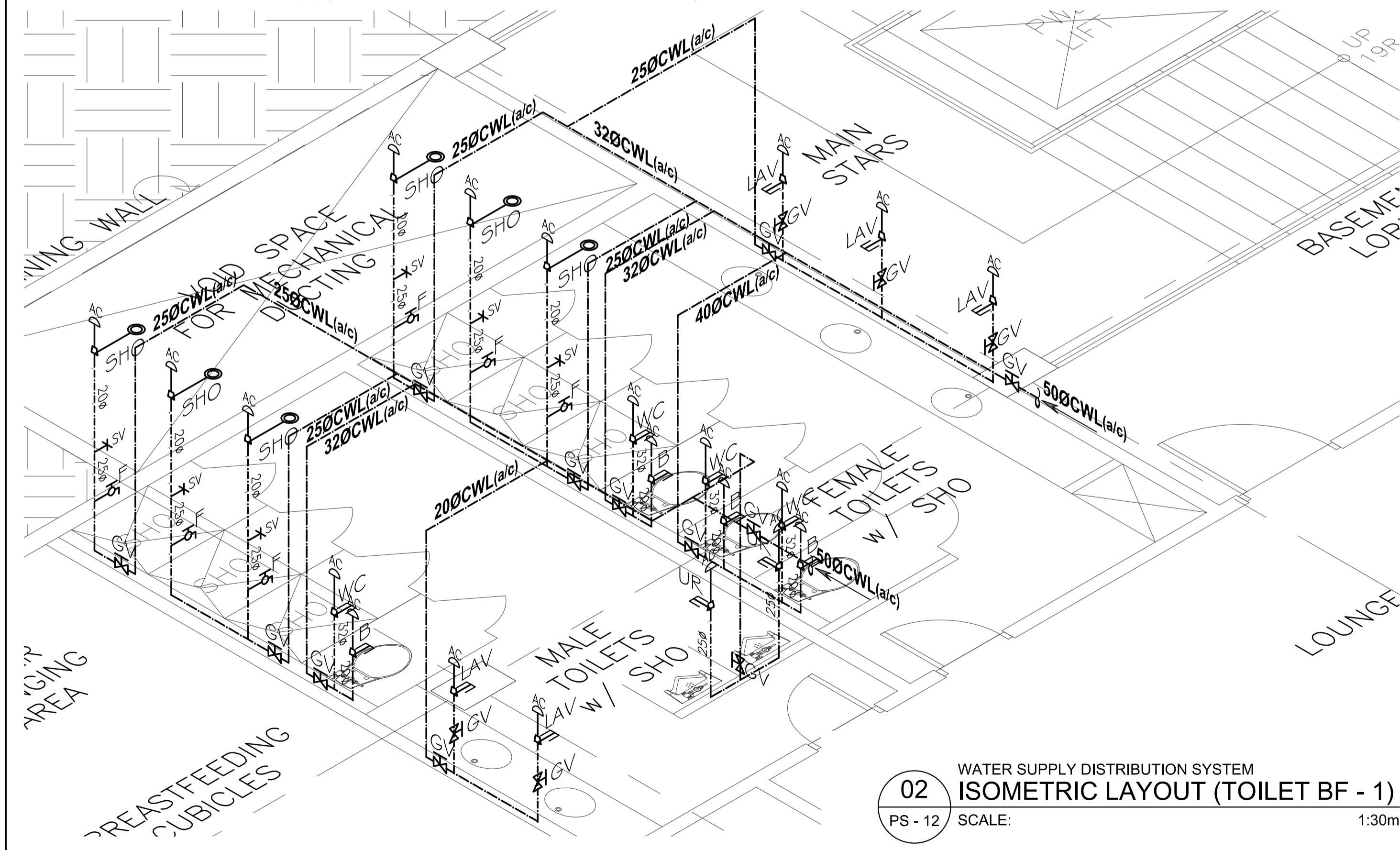
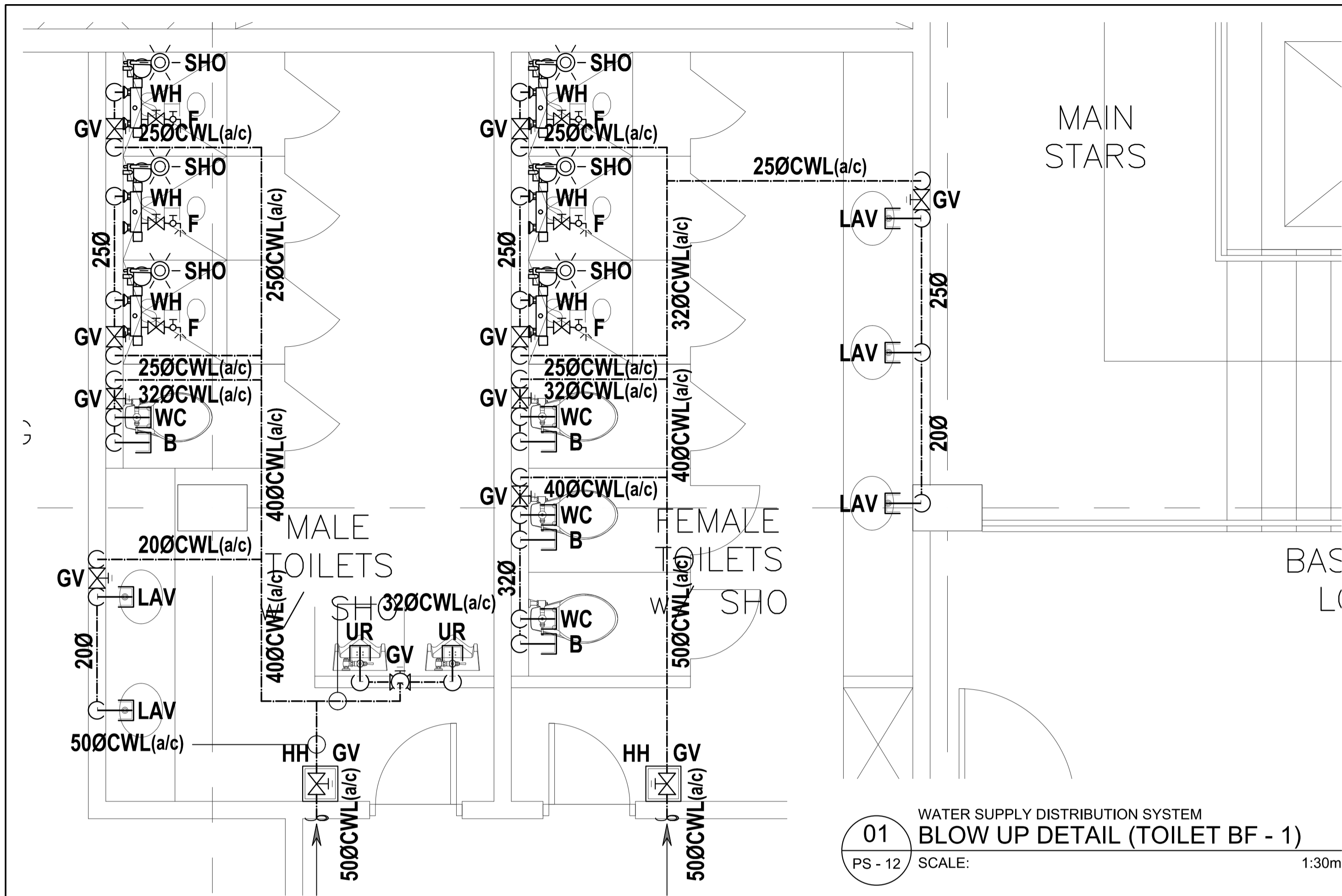
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

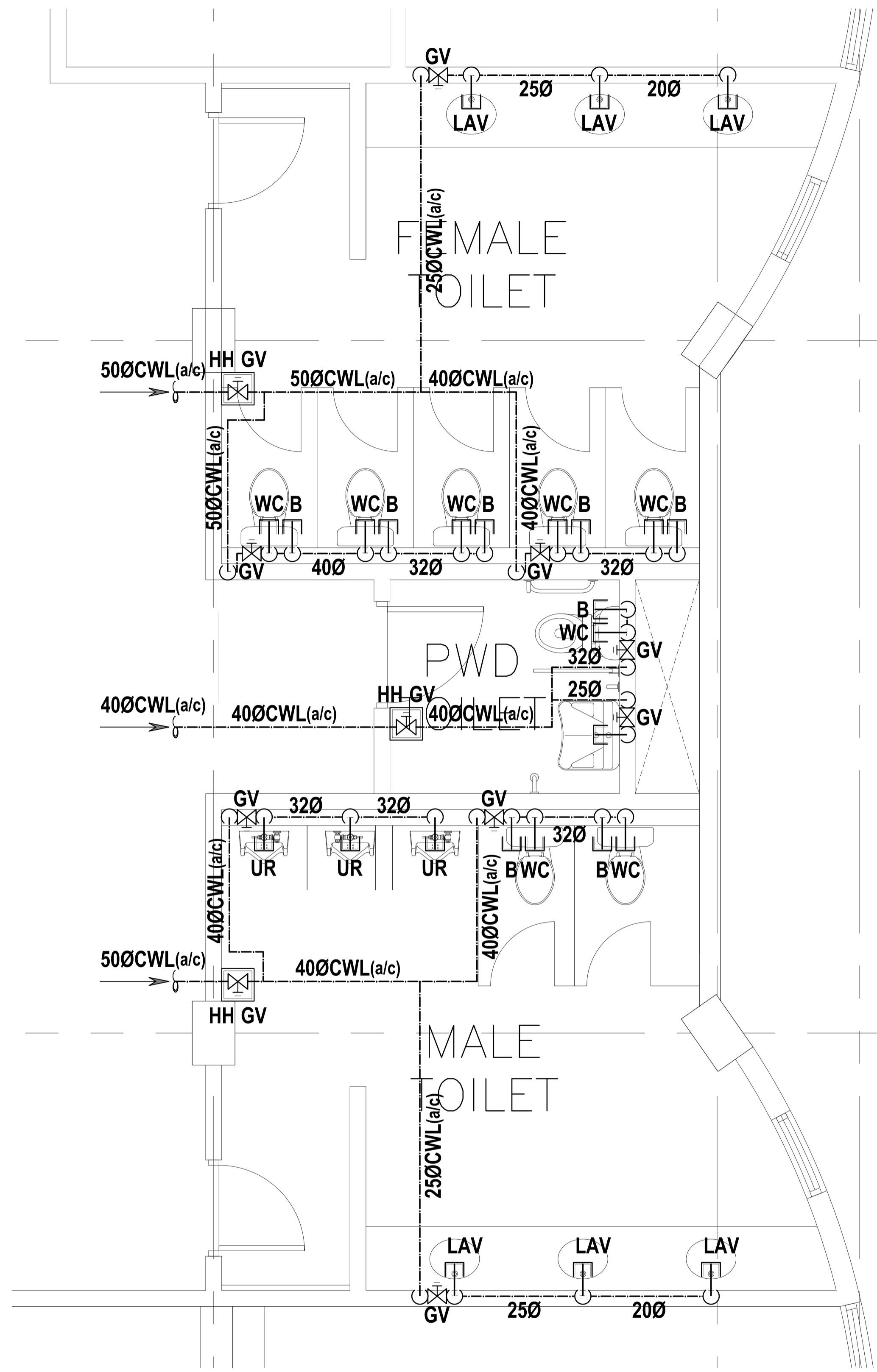
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
SANITARY SEWER & VENT SYSTEM
- ROOF

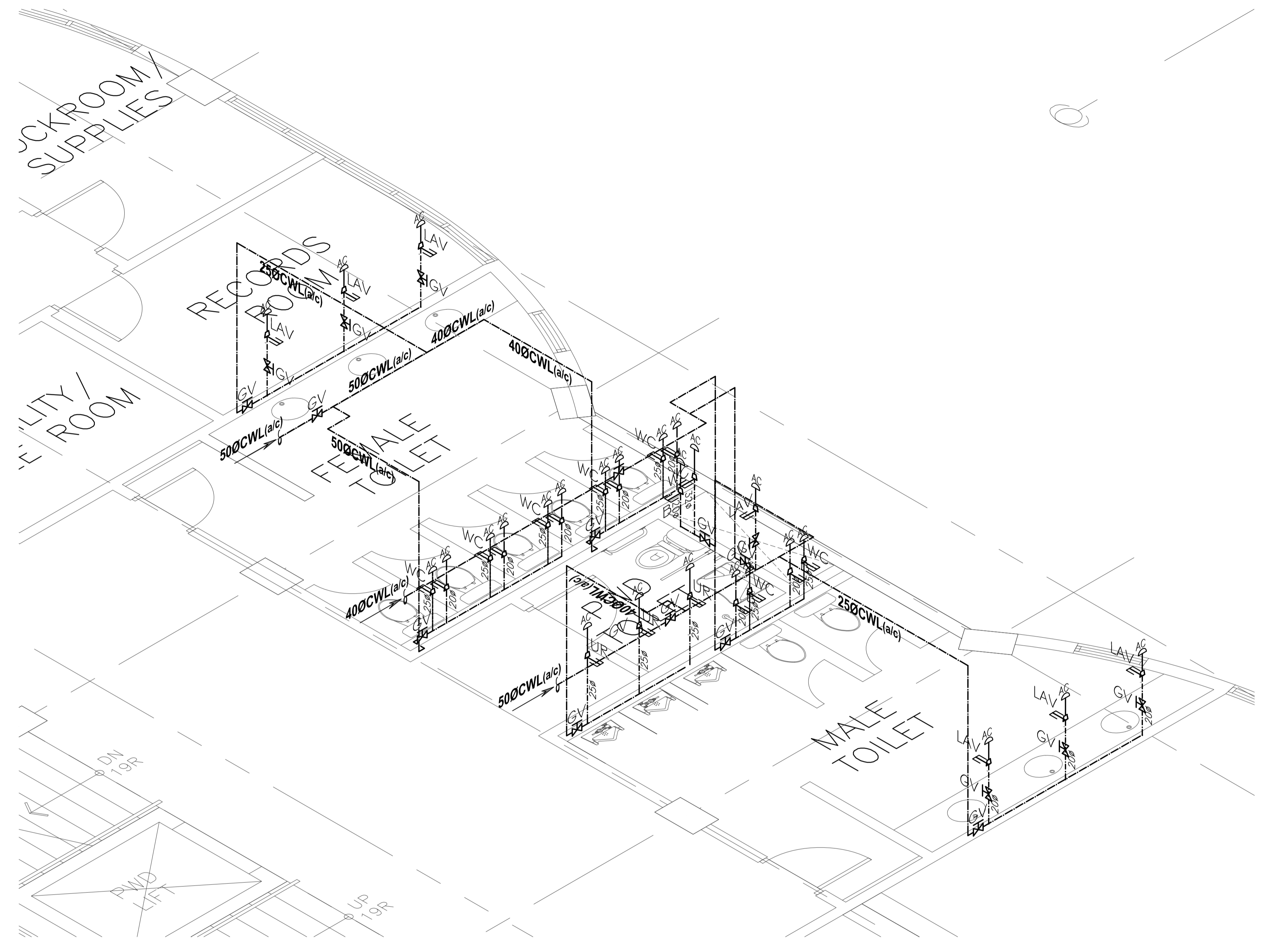
SHEET NO:
PS
11 21



ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	ENGINEER: VICTORIA ADEKER SANITARY ENGINEER PRC No.: 0001927 PIR No.: 4580635 PRC Validity: March 23, 2024 PIR Date: January 07, 2021 TN No.: 108-318-662 PIR Place: Pasay City	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPUTATION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: BLOW UP DETAIL & ISOMETRIC LAYOUT - WATER SUPPLY DISTRIBUTION SYSTEM	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> PS <hr/> 12 21 </div> </div>
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LORON HILLS, QUEZON CITY, 1108 TEL. NOS.: 426 7009; 426 9024-44 FAX NOS.: 927 0608; 426 7214							



01 WATER SUPPLY DISTRIBUTION SYSTEM
BLOW UP DETAIL (TOILET C - 1)
 PS - 13 SCALE: 1:30m



02 WATER SUPPLY DISTRIBUTION SYSTEM
ISOMETRIC LAYOUT (TOILET C - 1)
 PS - 13 SCALE: 1:30m

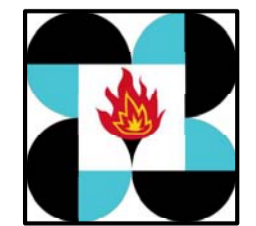
ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVENUE, LAYOGS HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

ENGINEER:
VICTORIA ADEKER
 SANITARY ENGINEER
 PRC No.: 0001927 PTR No.: 4580635
 PRC Validity: March 23, 2024 PTR Date: January 07, 2021
 TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

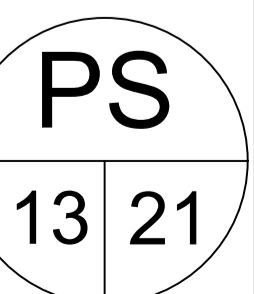
PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

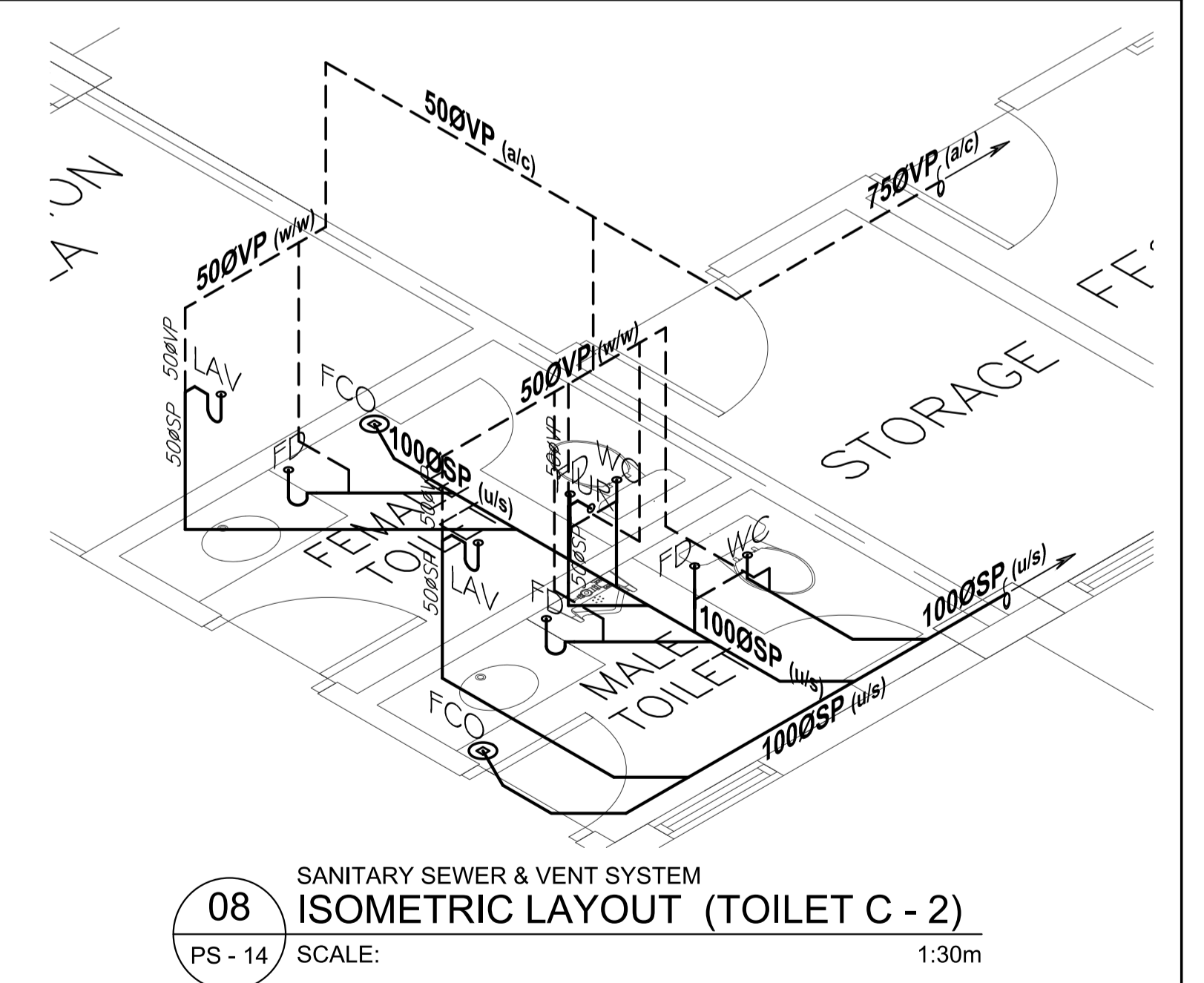
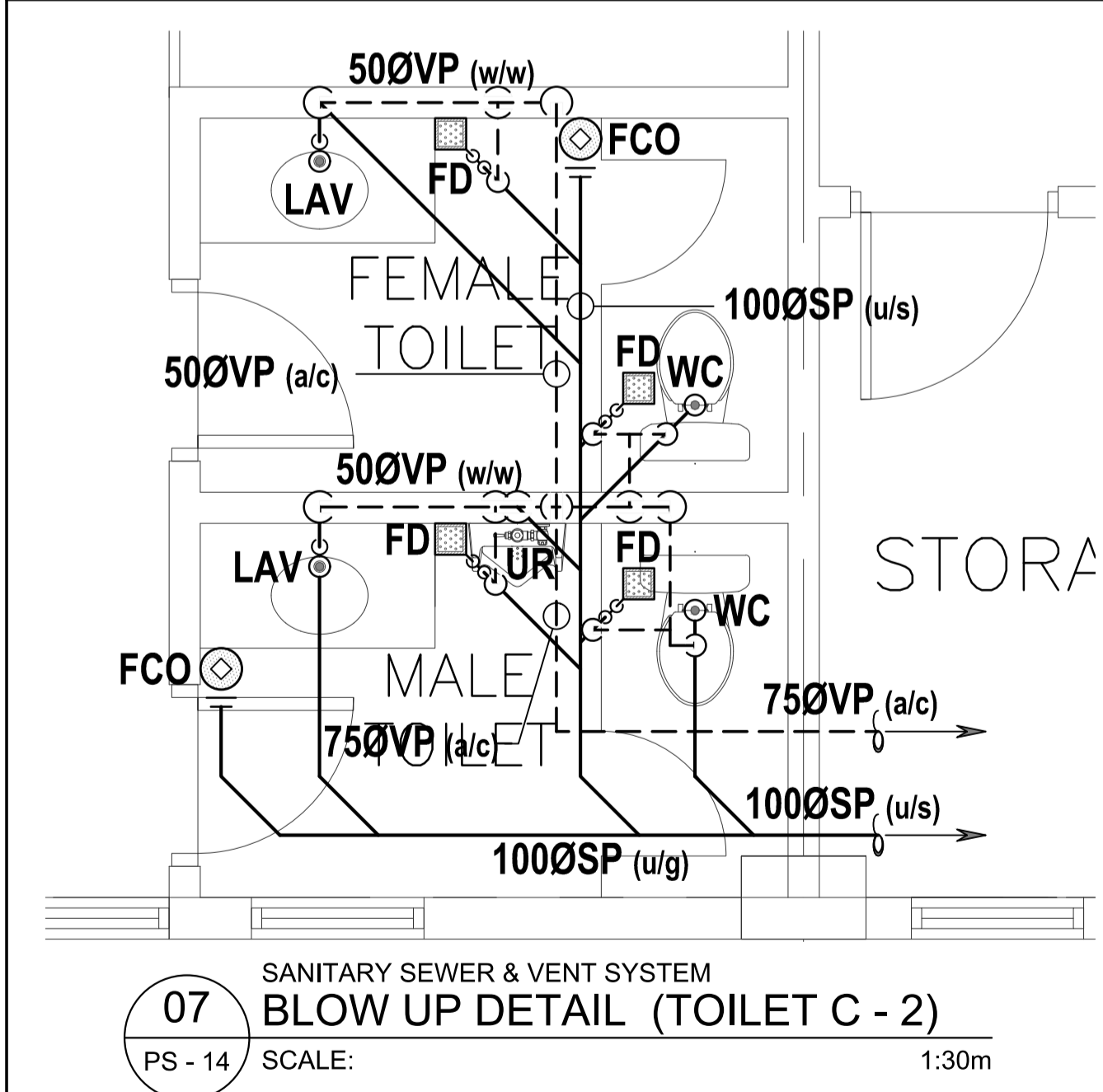
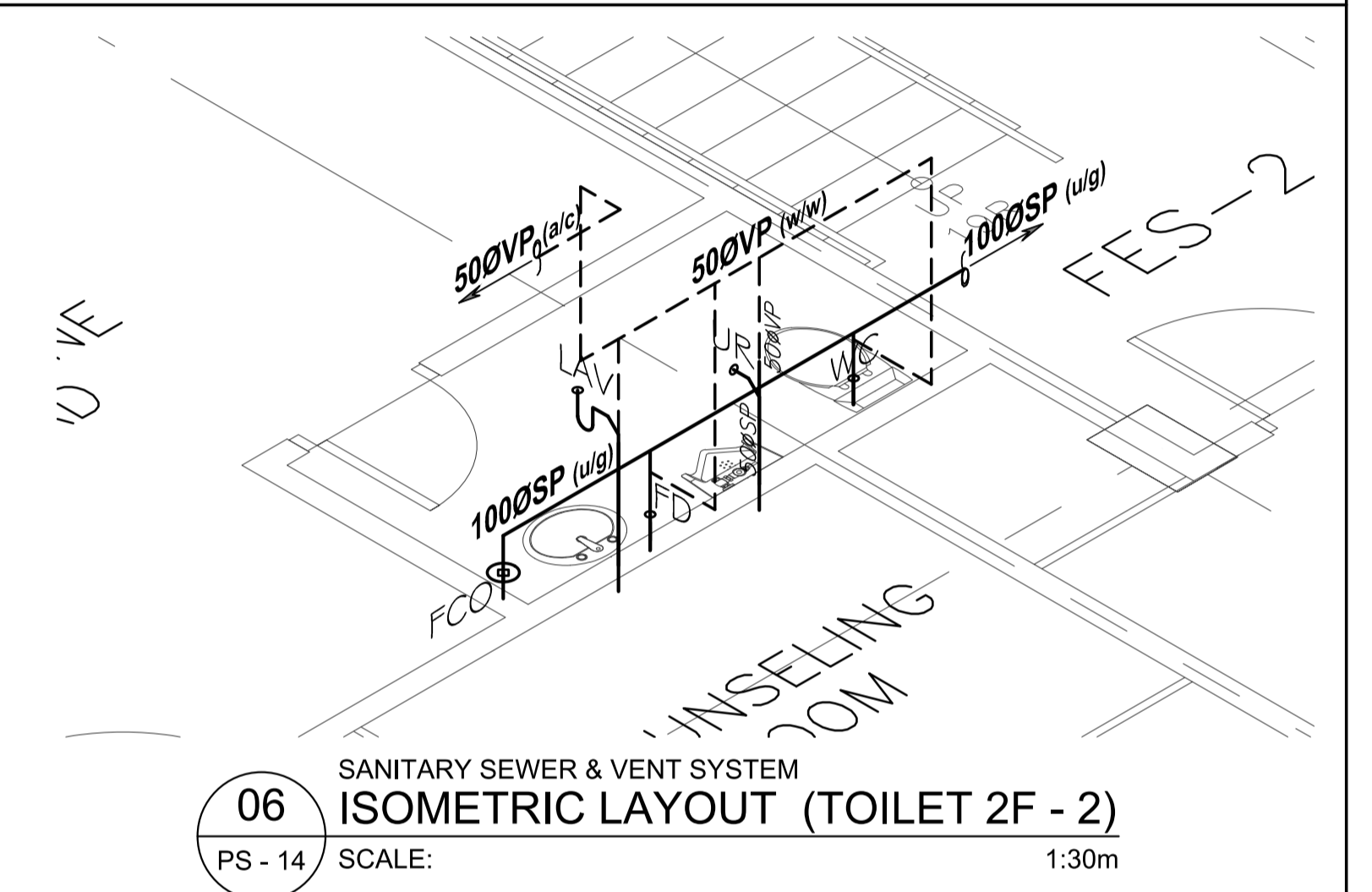
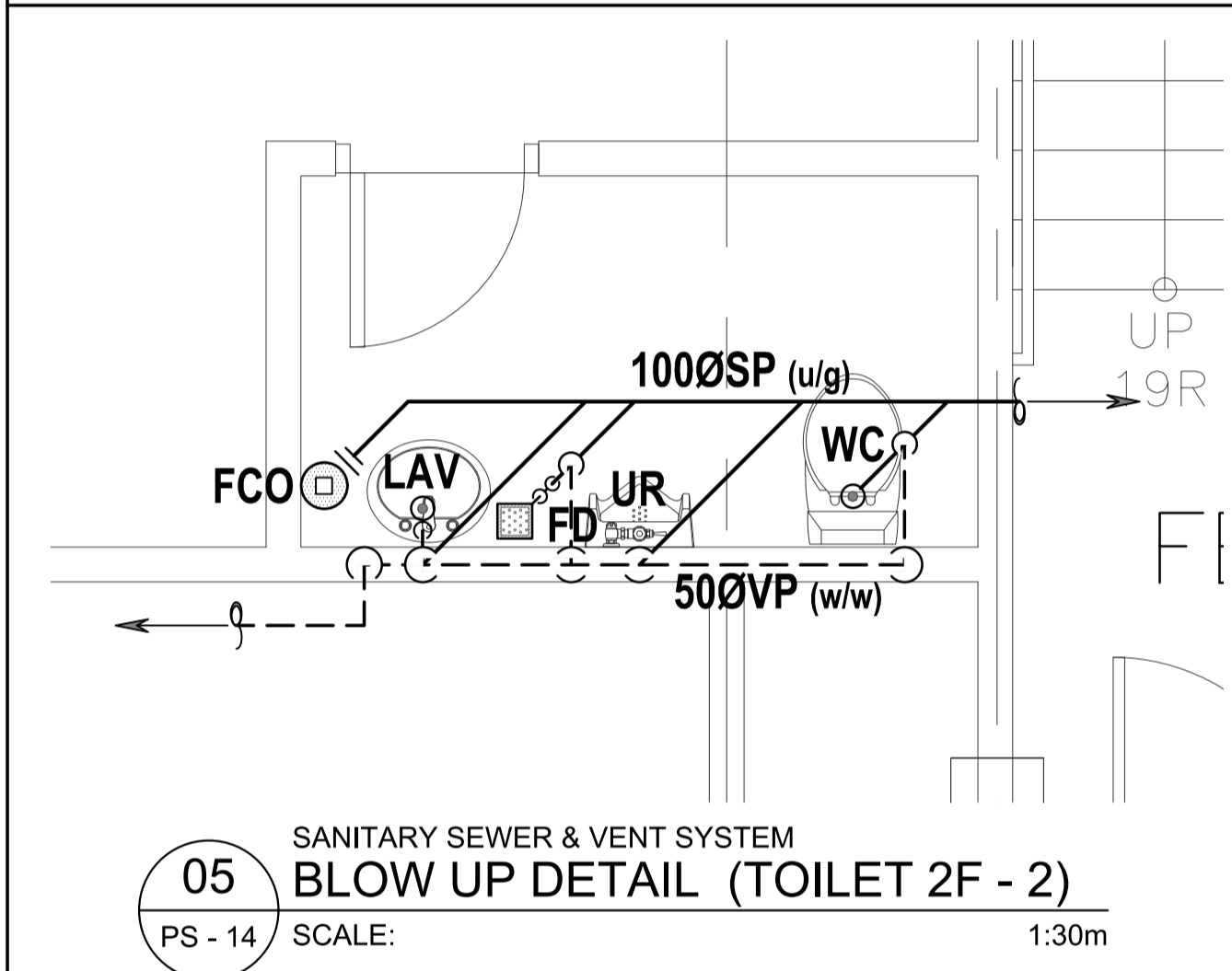
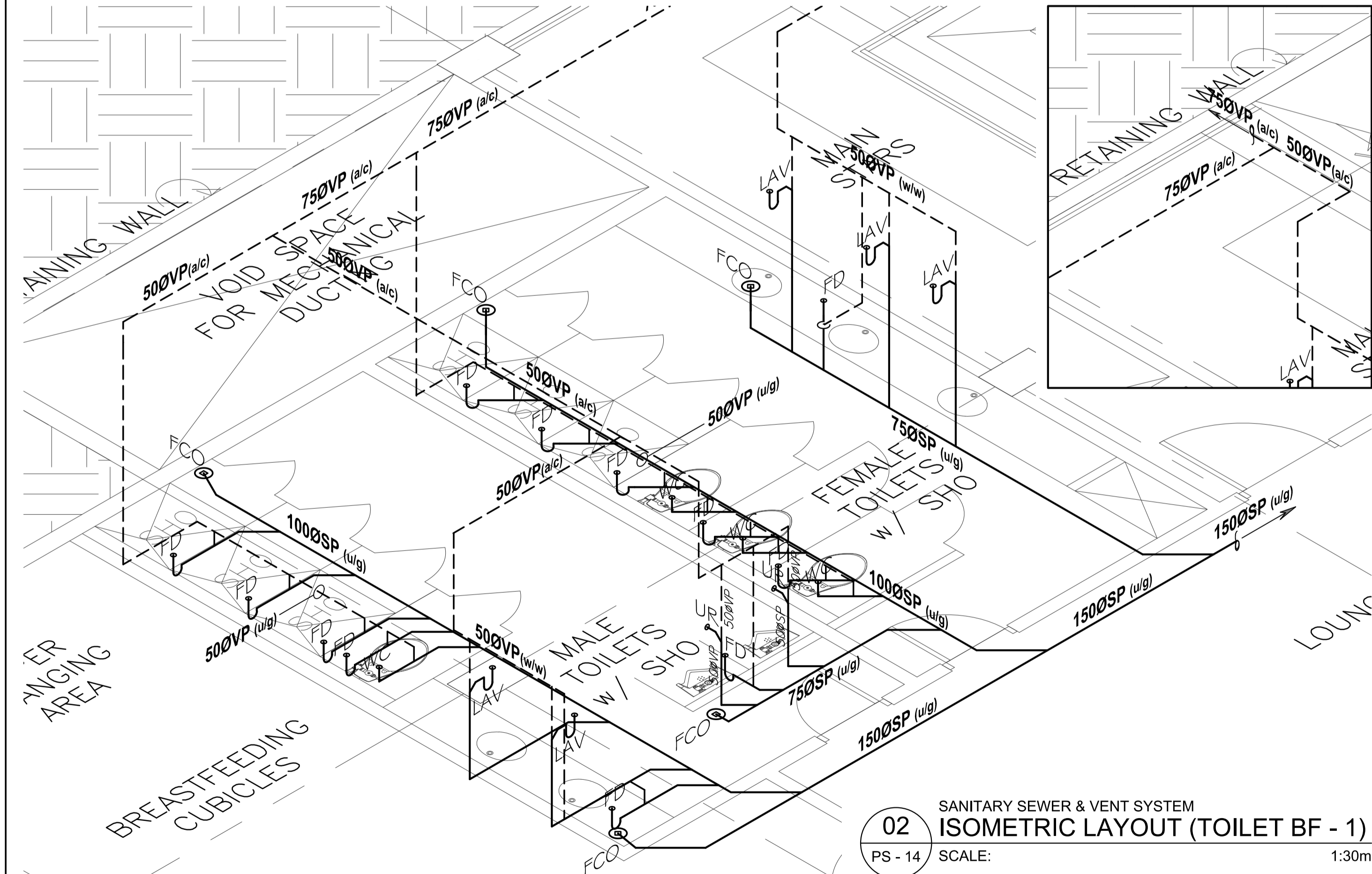
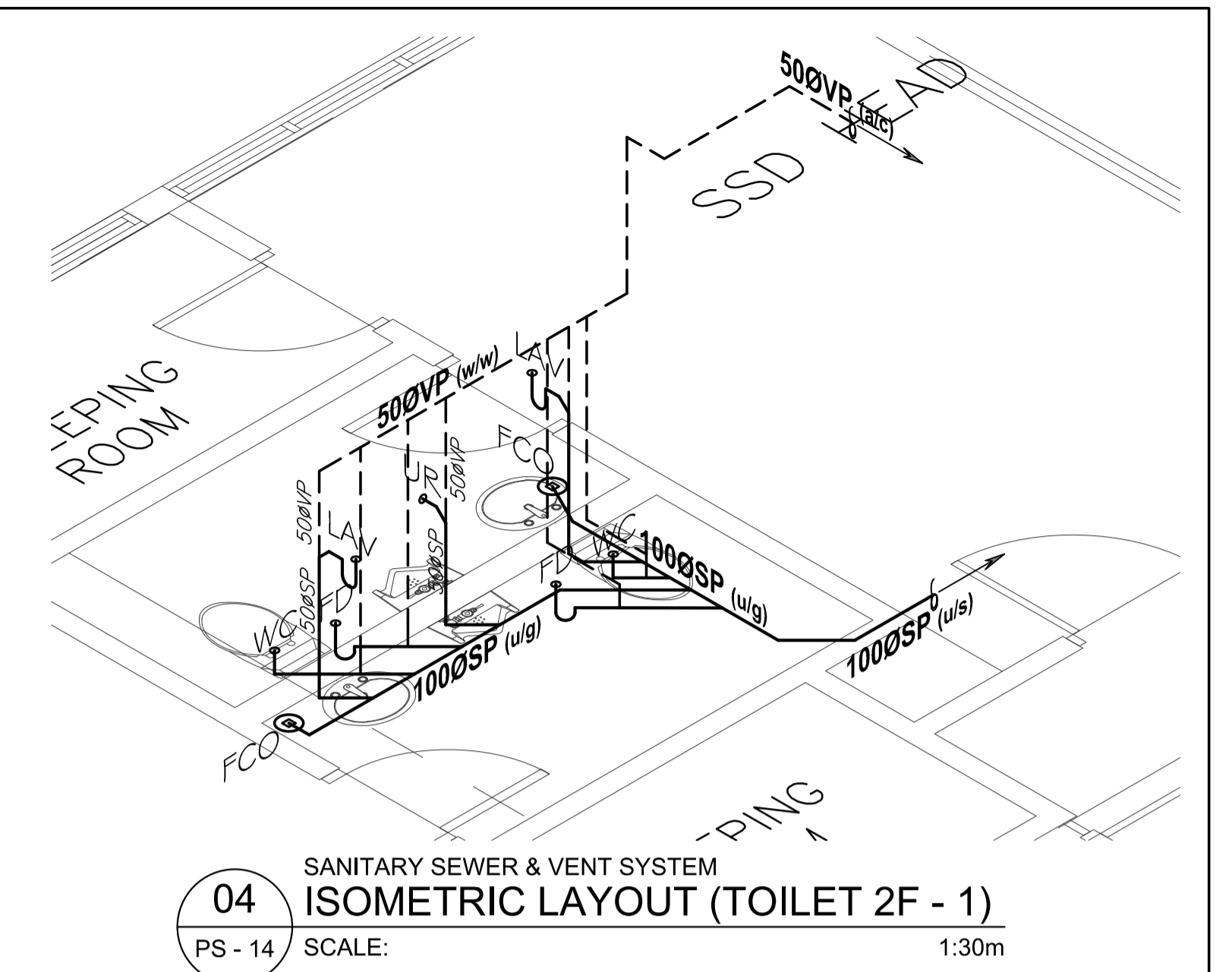
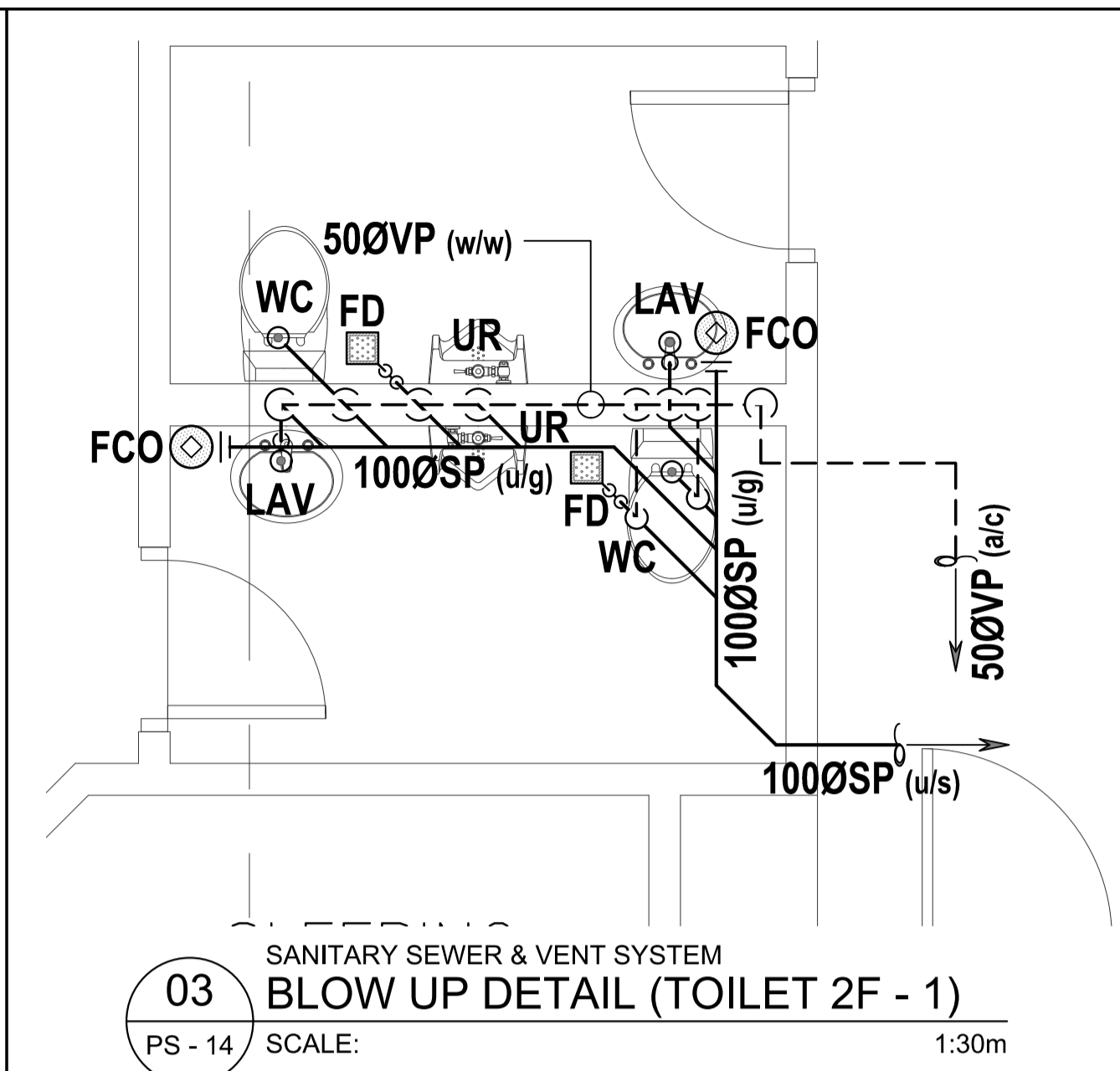
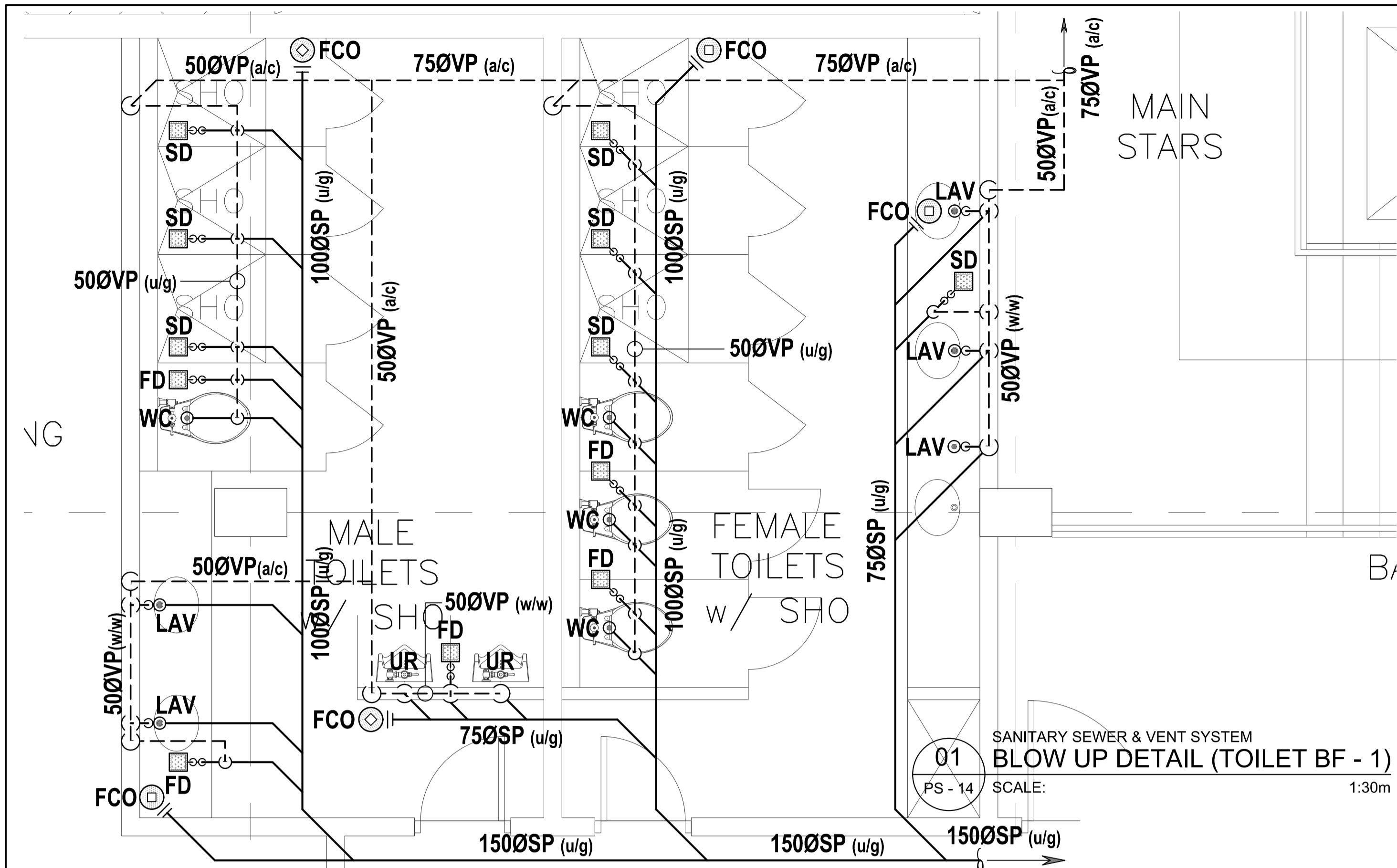
DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 BLOW UP DETAIL & ISOMETRIC LAYOUT
 - WATER SUPPLY DISTRIBUTION SYSTEM

SHEET NO:




ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM
NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108
TEL. NOS.: 426 7009; 426 3002 TO 04
FAX NOS.: 927 0608; 426 7214

ENGINEER:	
SANITARY ENGINEER	
PRC No. : -	PTR No. : -
PRC Validity : -	PTR Date : -
TIN No. : -	PTR Place : -

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

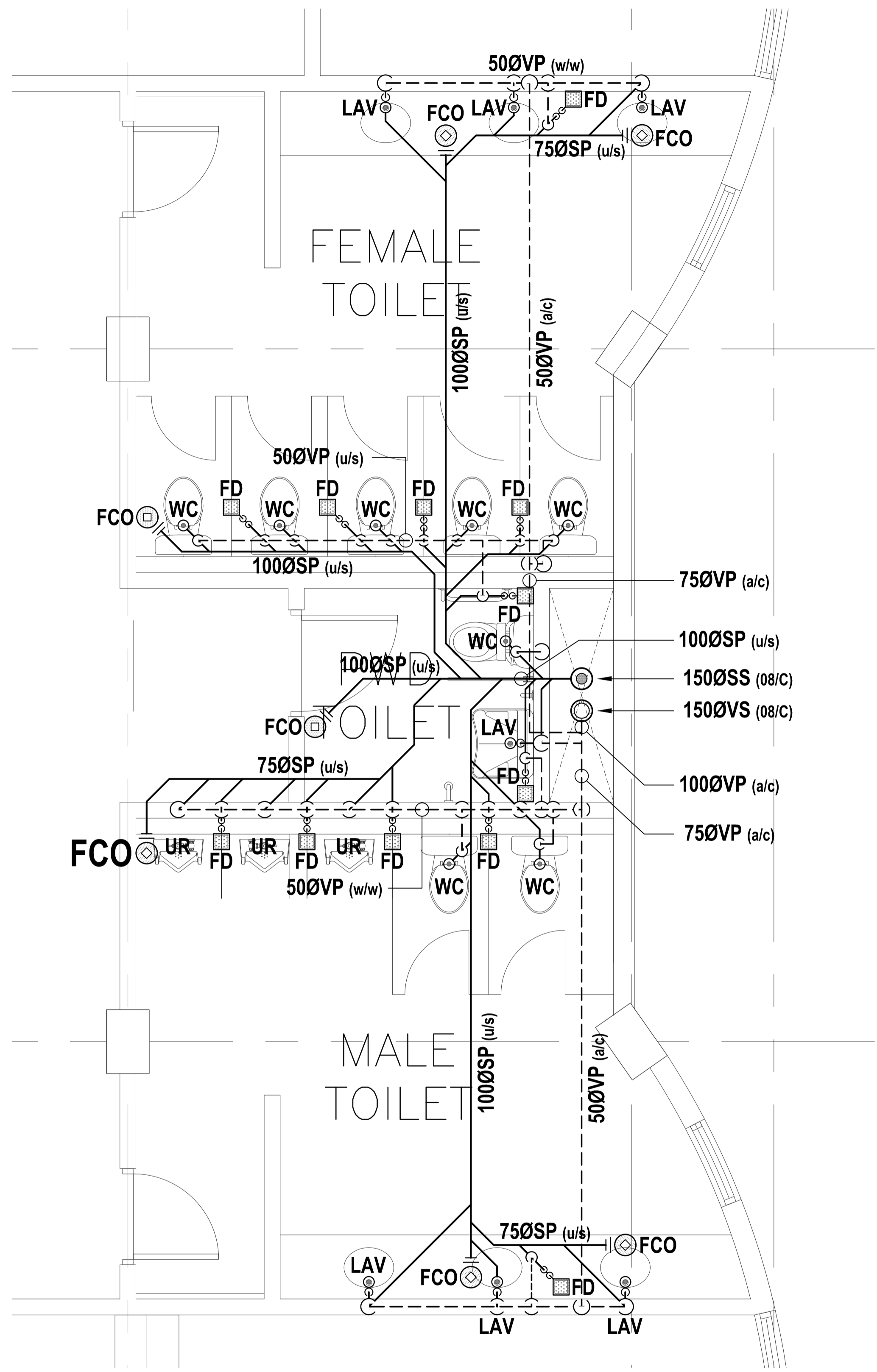
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

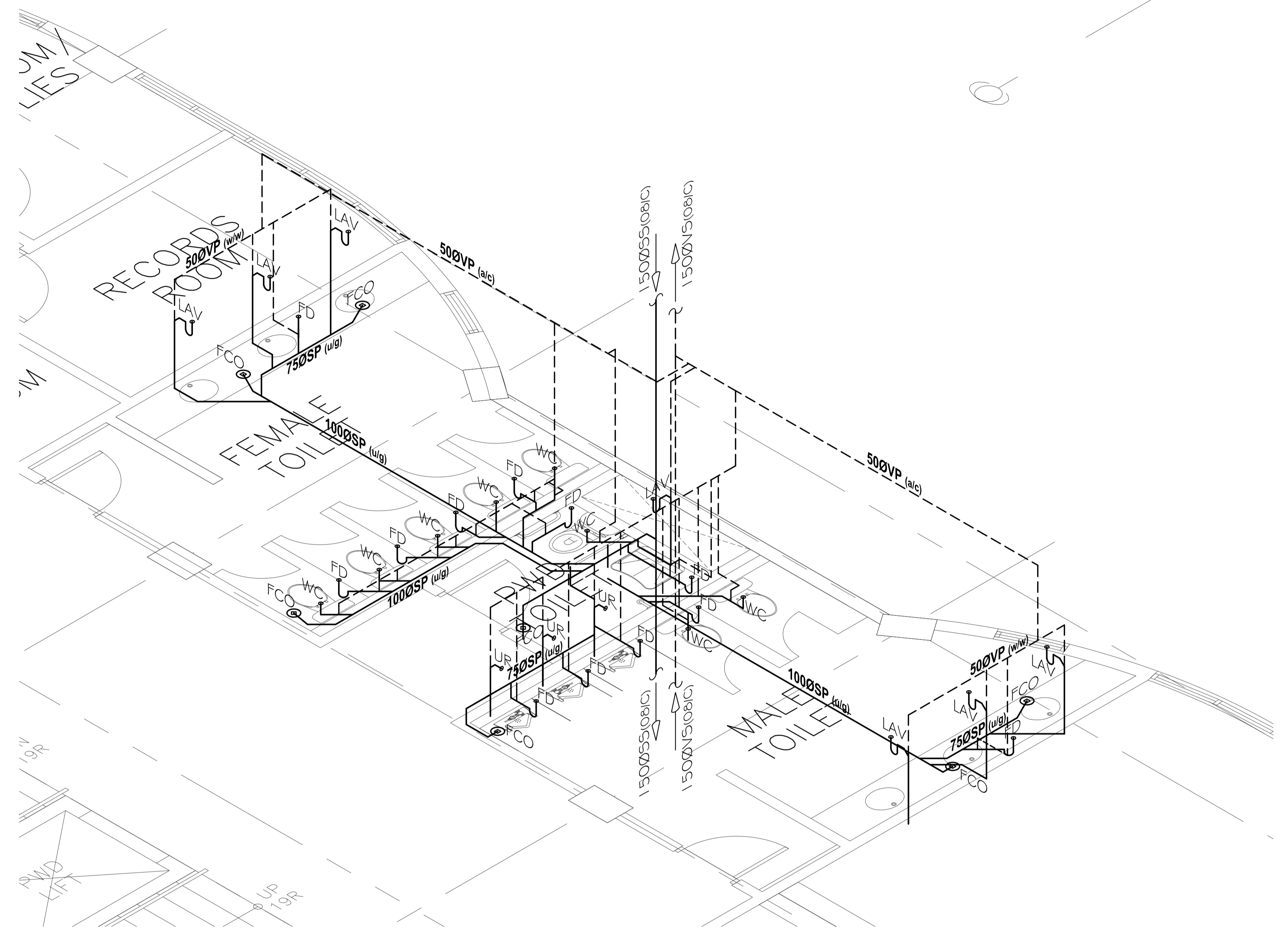
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
BLOW UP DETAIL & ISOMETRIC LAYOUT
- SANITARY SEWER & VENT SYSTEM

SHEET NO:
PS
14 21



01 SANITARY SEWER & VENT SYSTEM
 BLOW UP DETAIL (TOILET C - 1)
 PS - 15 SCALE: 1:30m



02 SANITARY SEWER & VENT SYSTEM
 ISOMETRIC LAYOUT (TOILET C - 1)
 PS - 15 SCALE: 1:30m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM
 NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108
 TEL. NOS.: 426 7009; 426 3002 TO 04
 FAX NOS.: 927 0608; 426 7214

ENGINEER:	
SANITARY ENGINEER	
PRC No. : -	PIR No. : -
PRC Validity : -	PIR Date : -
TIN No. : -	PIR Place : -

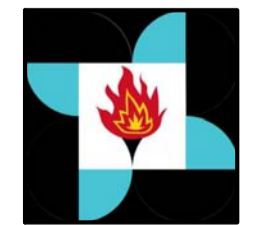
REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

**PROPOSED
 ACADEMIC BUILDING II /
 MULTI-PURPOSE GYMNASIUM**

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:

EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 BLOW UP DETAIL & ISOMETRIC LAYOUT
 - SANITARY SEWER & VENT SYSTEM

SHEET NO:

PS

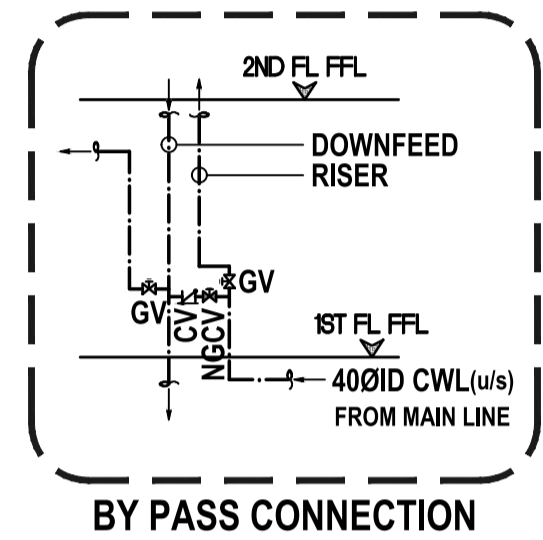
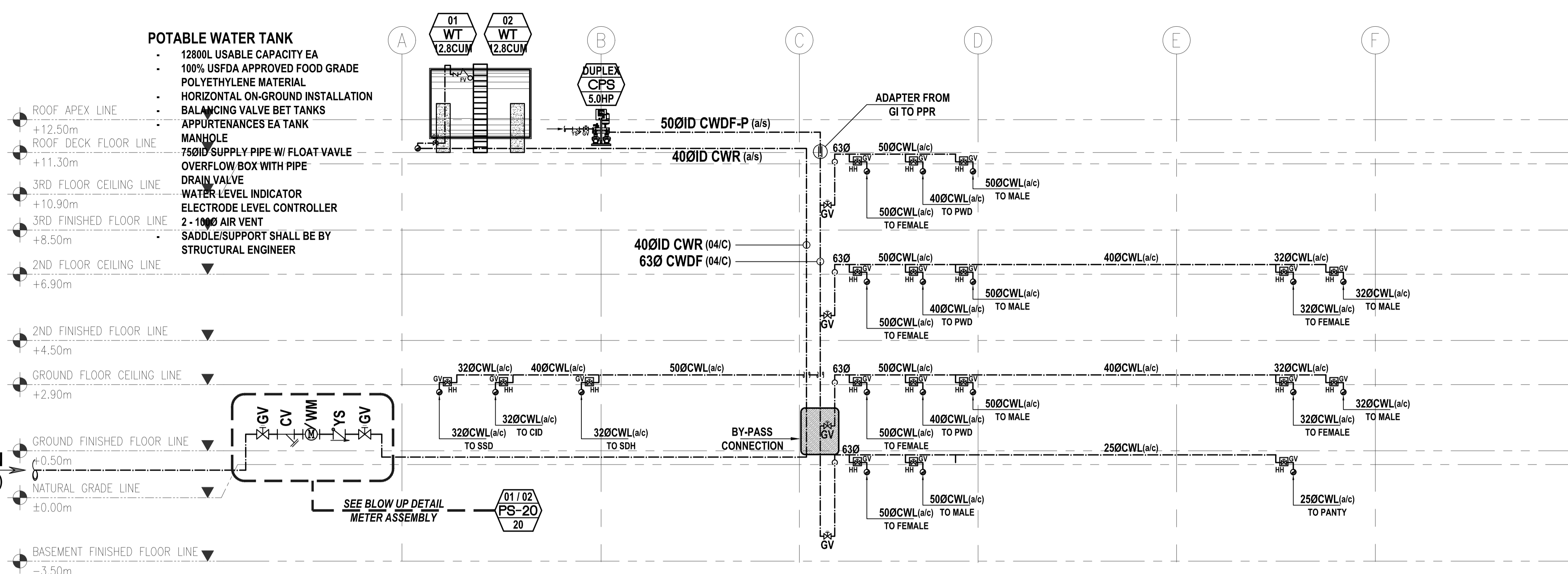
15 21

- NOTES:**
- POTABLE WATER TANKS ARE NOT INCLUDED IN THE SCOPE OF WORK BY GENERAL CONTRACTOR.
 - CONSTANT PRESSURE SYSTEM IS NOT INCLUDED IN THE SCOPE OF WORK BY GENERAL CONTRACTOR.
 - THE GENERAL CONTRACTOR SHALL PROVIDE ONLY STUB AFTER THE WATER METER ASSEMBLY.
 - THE GENERAL CONTRACTOR SHALL PROVIDE ONLY STUB BEFORE THE MAIN WATER RISER FOR TAPPING OF DISCHARGE LINE FROM PUMPING SYSTEM.

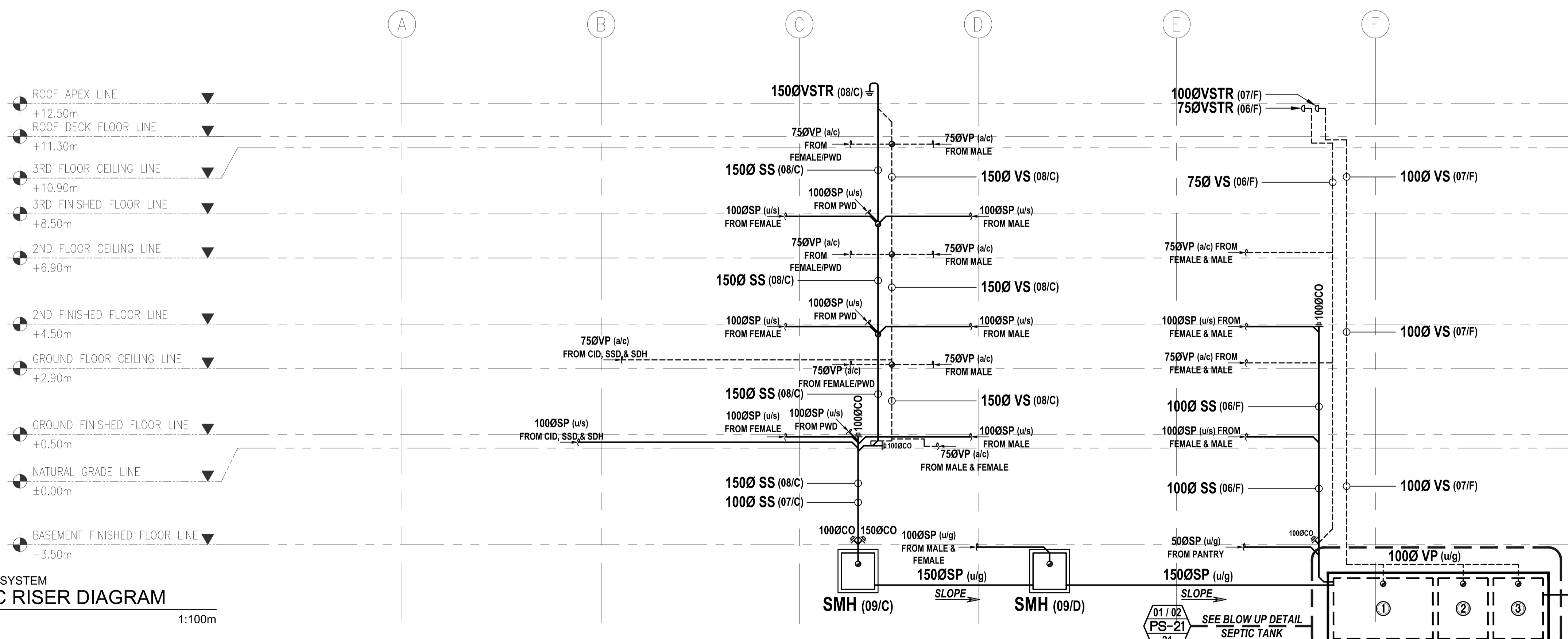
- CONSTANT PRESSURE SYSTEM**
- DUPLEX SETTING
 - VERTICAL IN-LINE TYPE
 - VARIABLE FREQUENCY DRIVE SYSTEM
 - COMPACT TYPE
 - 60GPM VS 90FT TDH (5.0HP) EA PUMP
 - 120GPM TOTAL FLOW REQUIREMENT
 - COMPLETE WITH NECESSARY ACCESSORIES & APPURTENANCES
 - ACTUAL LOCATION OF PUMP IS SUBJECT TO ARCHITECT PREFERENCE
 - PUMP HOUSE SHALL BE PROVIDED

- POTABLE WATER TANK**
- 12800L USABLE CAPACITY EA
 - 100% USFDA APPROVED FOOD GRADE POLYETHYLENE MATERIAL
 - HORIZONTAL ON-GROUND INSTALLATION
 - BALANCING VALVE BET TANKS
 - APPURTENANCES EA TANK
 - MANHOLE
 - 75ØID SUPPLY PIPE W/ FLOAT VAVLE
 - OVERFLOW BOX WITH PIPE
 - DRAIN VALVE
 - WATER LEVEL INDICATOR
 - ELECTRODE LEVEL CONTROLLER
 - 2 - 100Ø AIR VENT
 - SADDLE/SUPPORT SHALL BE BY STRUCTURAL ENGINEER

40ØID CWL MAIN CONNECTION
(FROM MAIN WATER DISTRIBUTION LINE)



01 WATER SUPPLY DISTRIBUTION SYSTEM
SCHEMATIC RISER DIAGRAM
PS - 16 SCALE: 1:100m



- SEPTIC TANK**
- RC TYPE STRUCTURE
 - WATERTIGHT TANK
 - UNDERGROUND
 - CHAMBER 1 (5170GALS)
3300(w)x3300(l)x1800(WW_d)
 - CHAMBER 2 (2510GALS)
3300(w)x1650(l)x1750(WW_d)
 - CHAMBER 3 (2440GALS)
3300(w)x1650(l)x1750(WW_d)
 - COMPLETE EA CHAMBER W/ AIRTIGHT MANHOLE
 - STAINLESS LADDER RUNG
 - 100Ø VENT PIPE TO 100Ø COLLECTOR PIPE

02 SANITARY SEWER SYSTEM
SCHEMATIC RISER DIAGRAM
PS - 16 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM
NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108
TEL. NOS.: 426 7009; 426 3002 TO 04
FAX NOS.: 927 0608; 426 7214

ENGINEER:	
PRC No. : -	PTR No. : -
PRC Validity : -	PTR Date : -
TIN No. : -	PTR Place : -

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

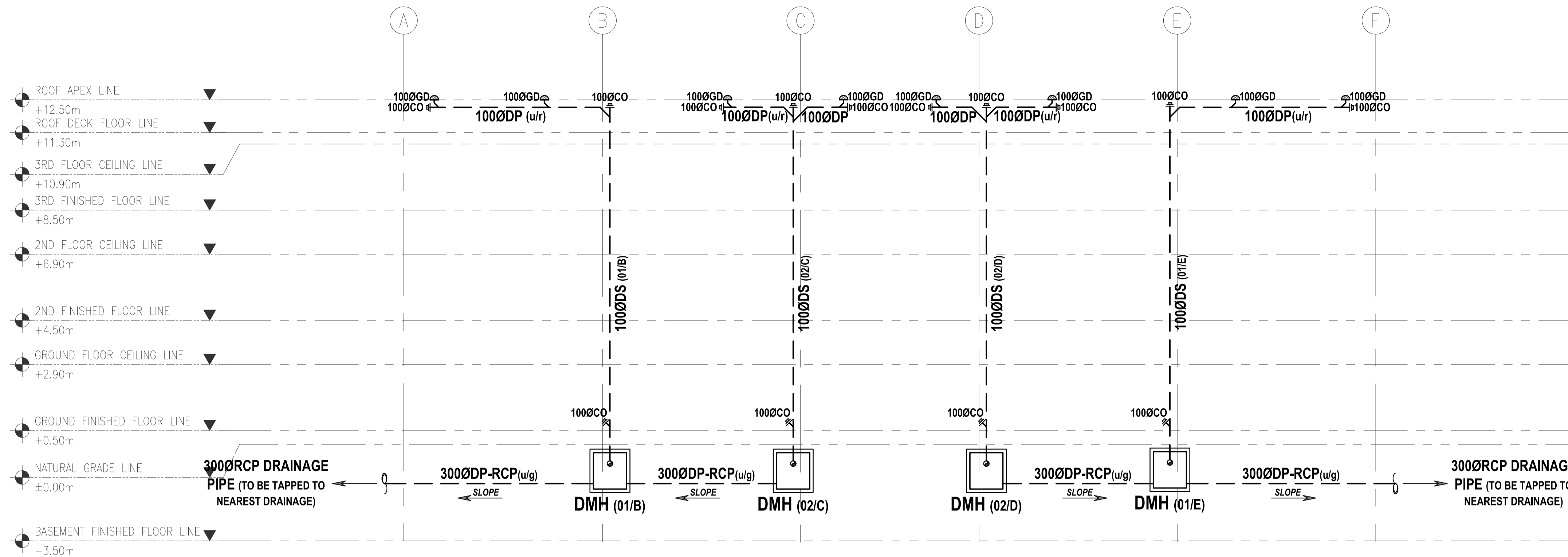
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

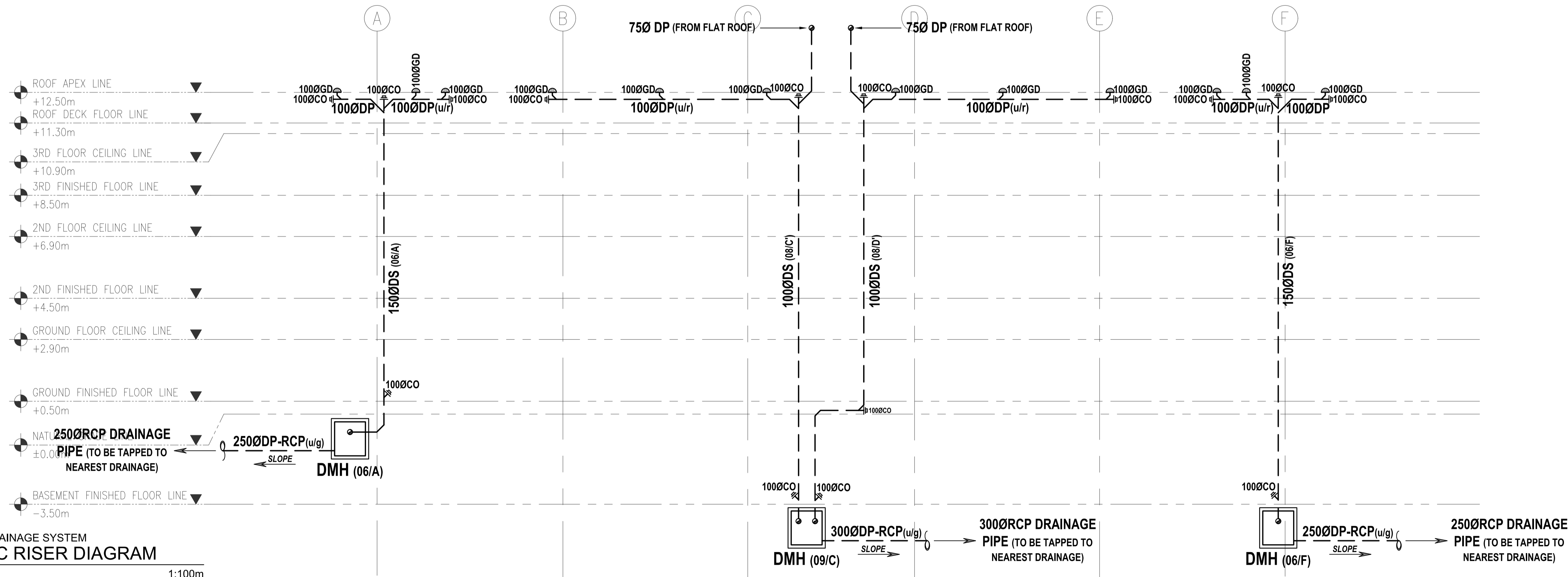
- SCHEMATIC RISER DIAGRAM
- WATER SUPPLY DISTRIBUTION SYSTEM
- SANITARY SEWER SYSTEM

SHEET NO:

PS
16 21



01 STORMWATER DRAINAGE SYSTEM
SCHEMATIC RISER DIAGRAM
 PS - 16 SCALE: 1:100m



02 STORMWATER DRAINAGE SYSTEM
SCHEMATIC RISER DIAGRAM
 PS - 17 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM
 NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108
 TEL. NOS.: 426 7009; 426 3002 TO 04
 FAX NOS.: 927 0608; 426 7214

ENGINEER:	
SANITARY ENGINEER	
PRC No. : -	PIR No. : -
PRC Validity : -	PIR Date : -
TIN No. : -	PIR Place : -

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:

EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SCHEMATIC RISER DIAGRAM
 - STORMWATER DRAINAGE SYSTEM
 GRIDS 1 - 4 & 5 - 9

SHEET NO:
PS 17 21

TABLE OF DIMENSIONS (inches)

MODEL NO.	A	B	C	D	E	F	G	H
M-319-58A	2	3	1 13/16	2 1/2	2 3/8	2	2	5
M-319-58B	3	4	2 3/8	3 1/2	3 5/8	3	2	7
M-319-58C	4	5	3 3/4	4 1/2	4 1/8	4	2 1/2	9
M-319-58D	6	7 7/8	5 3/4	7 3/8	6 1/4	6	3 1/2	13

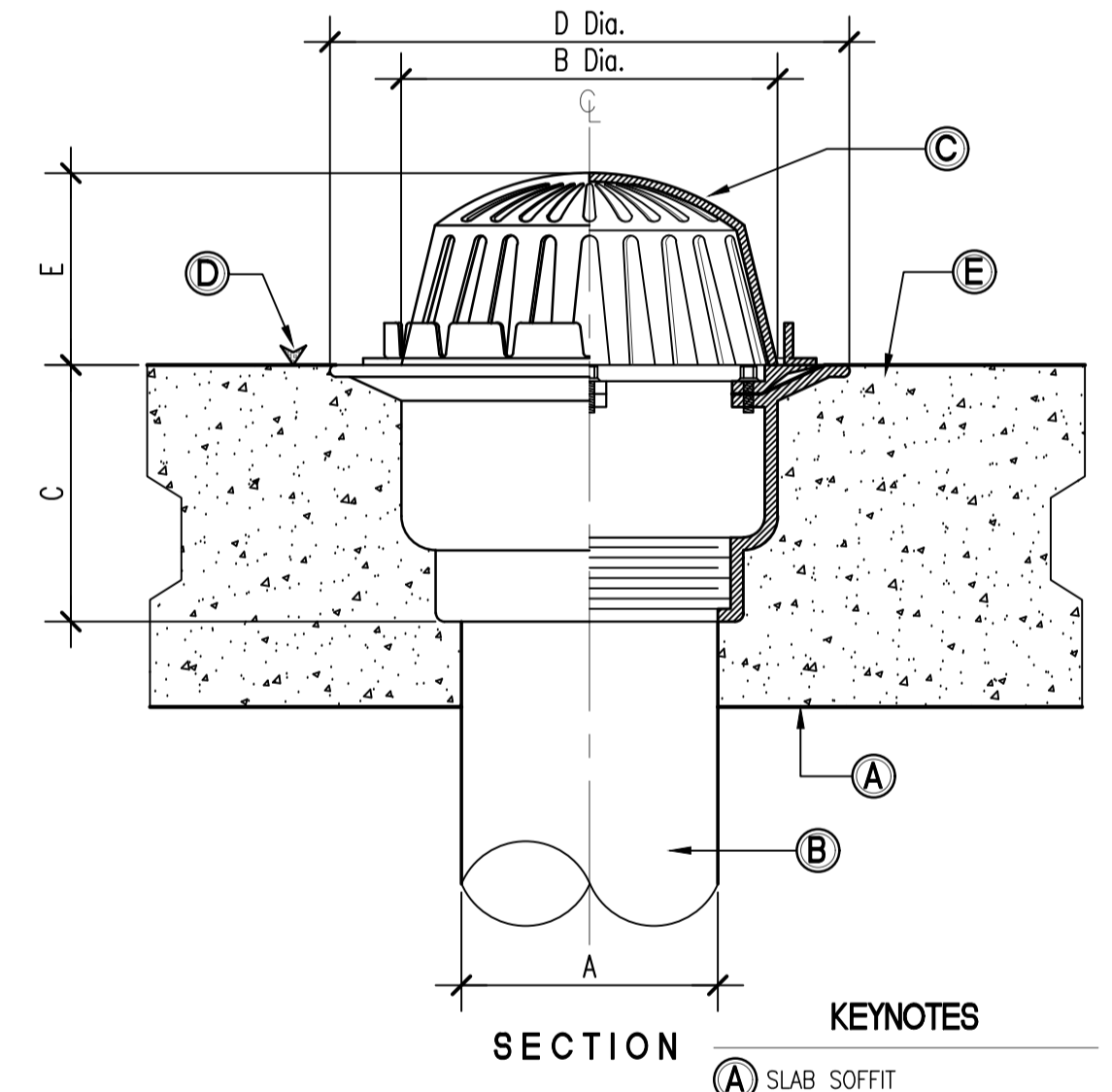
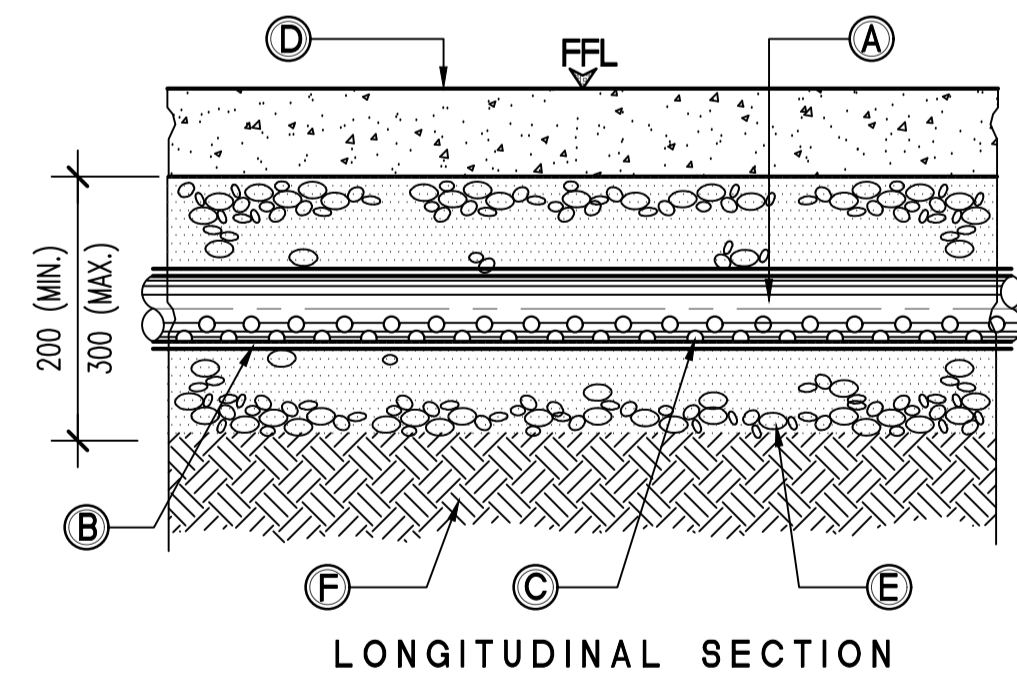
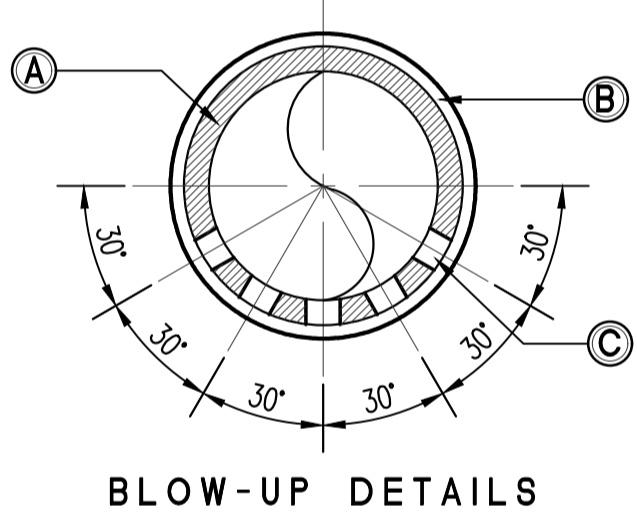
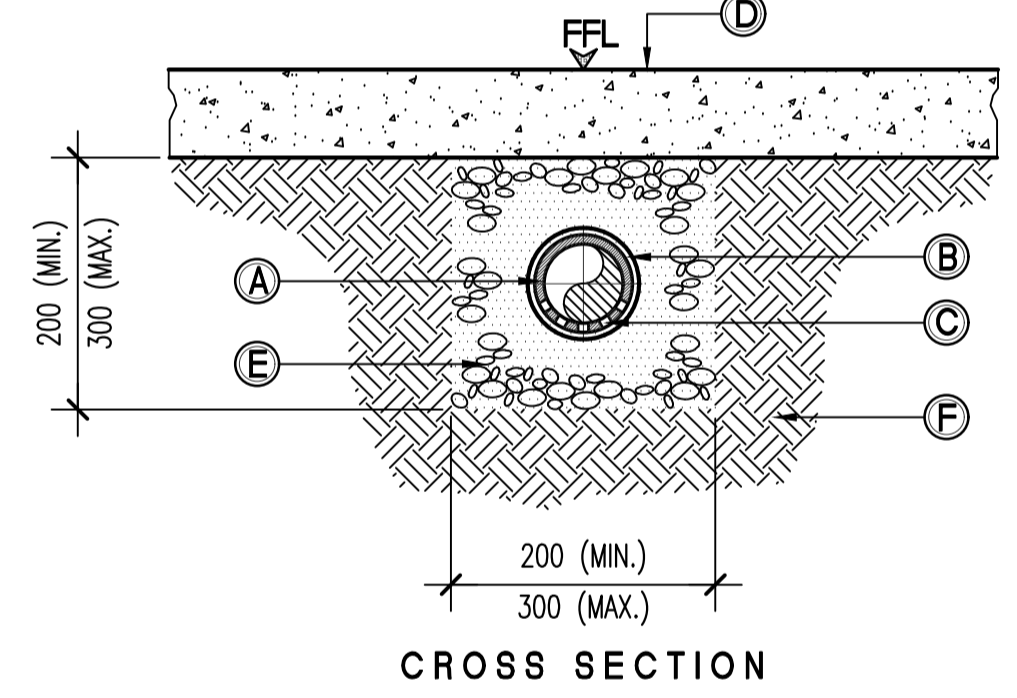
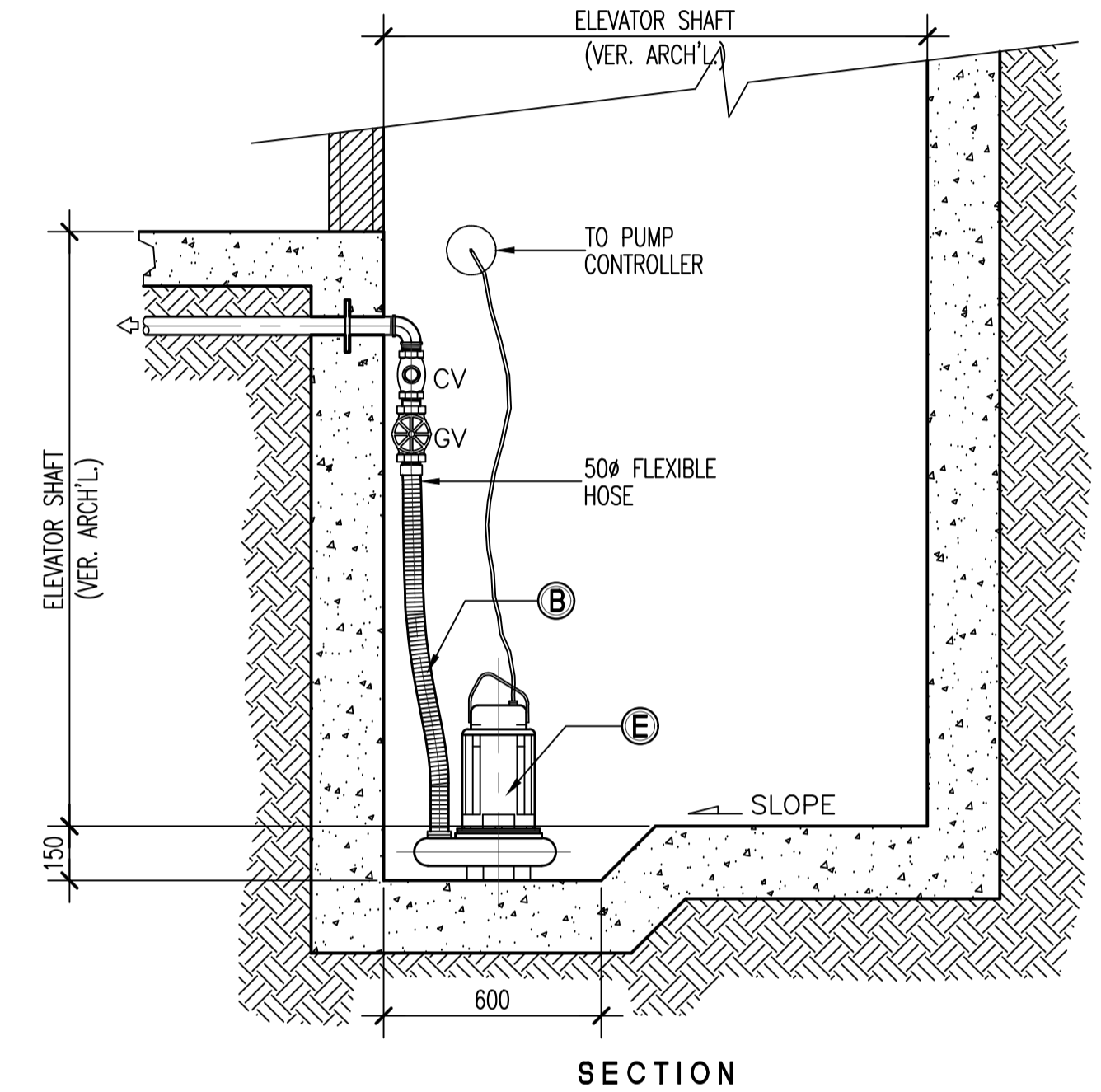
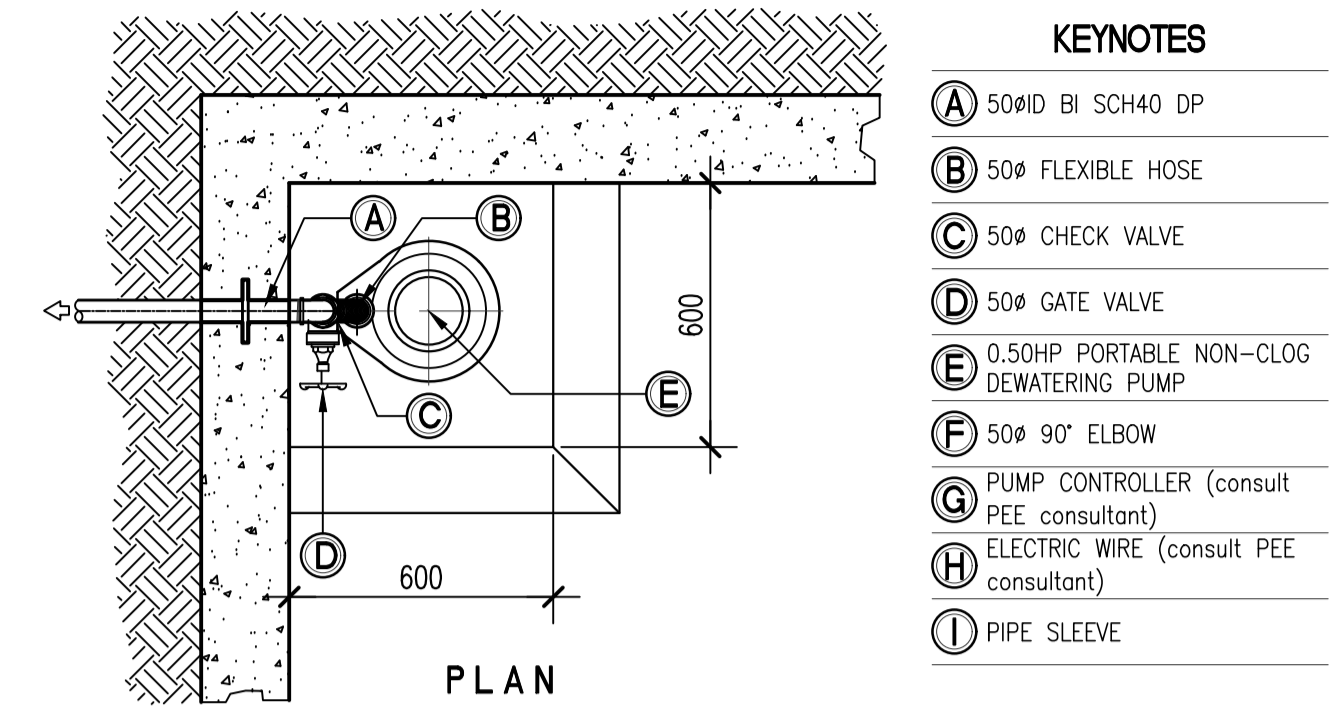
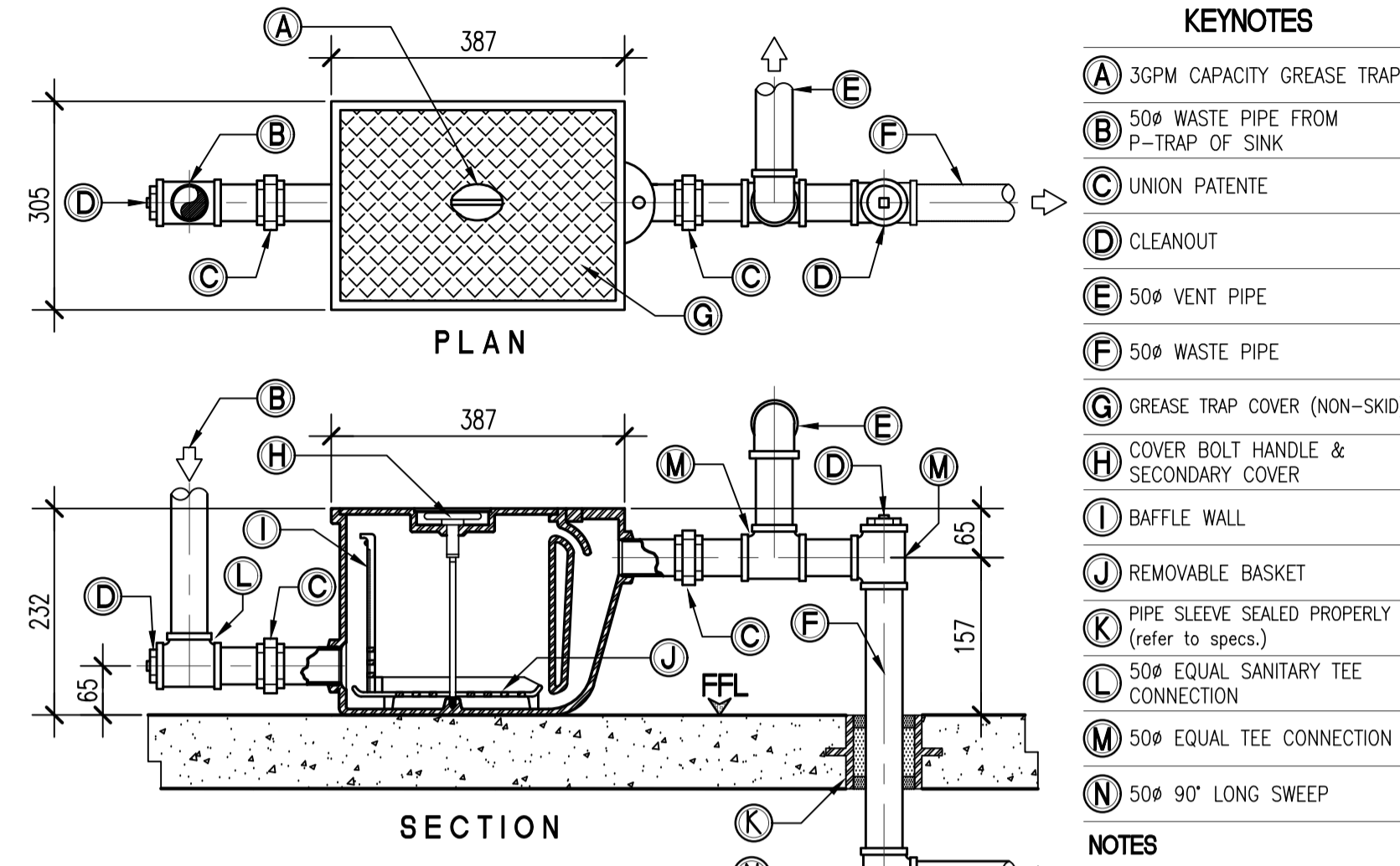
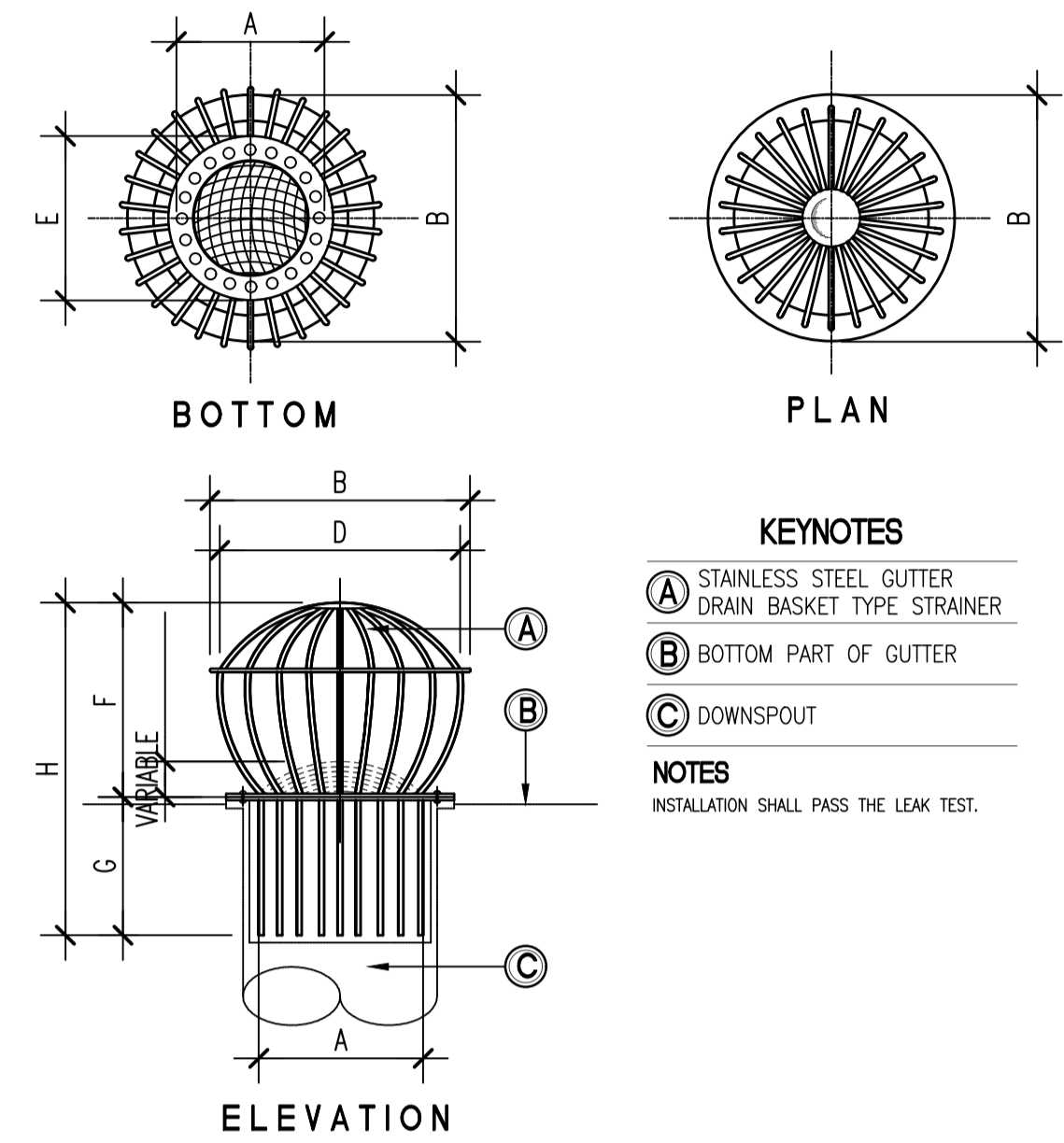
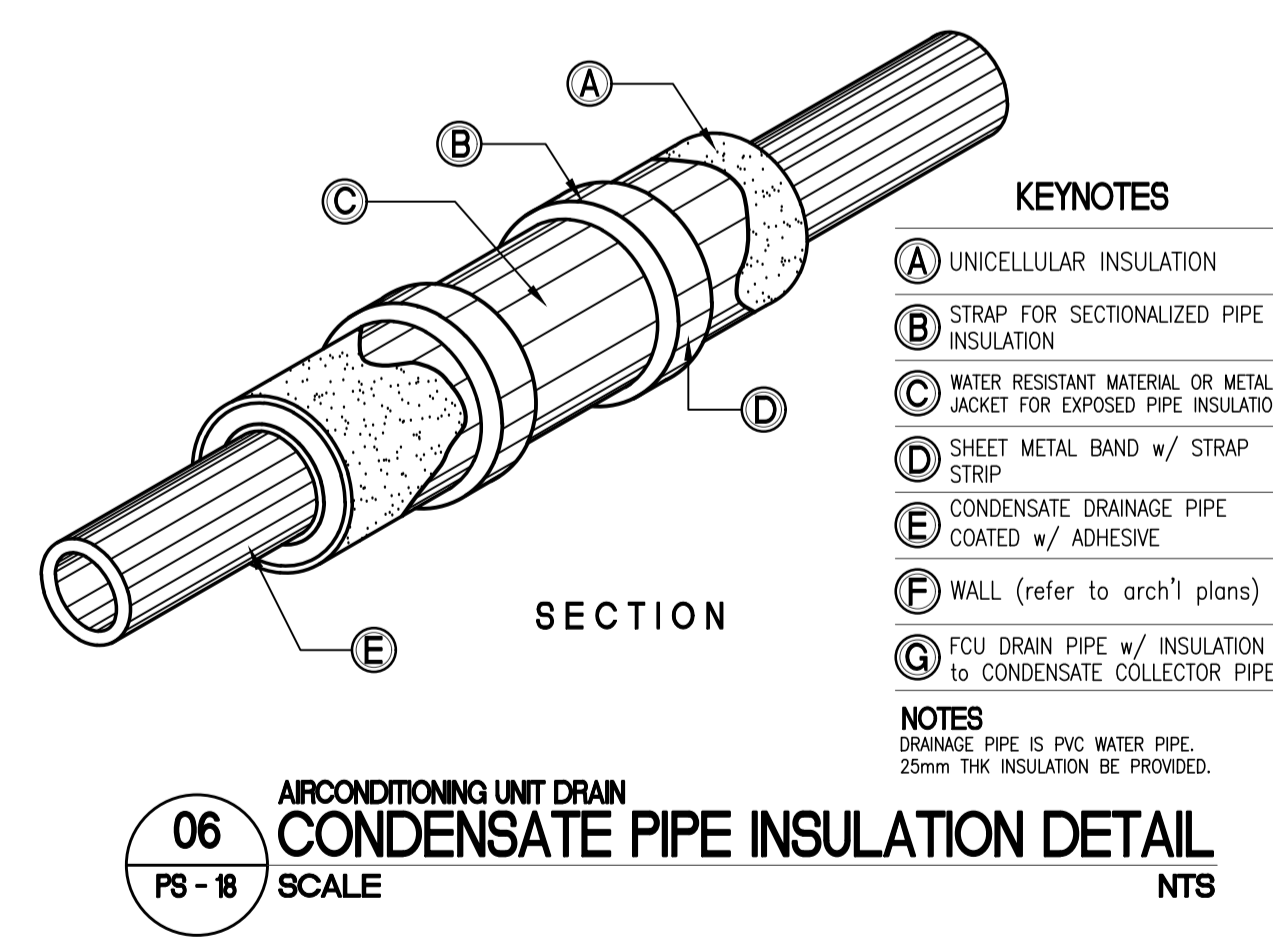


TABLE OF DIMENSIONS

PIPE SIZE	DIMENSIONS IN MM.			
	B	C	D	E
50	177	131	203	82.5
75	177	131	203	82.5
100	177	131	203	82.5
150	177	133	216	82.5



ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH

ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LAYUNGA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0698;
426 7214

ENGINEER:

VICTORIA ADEGER
SANITARY ENGINEER

PRC No.: 0001927 PTR No.: 4580635

PRC Validity: March 23, 2024 PTR Date: January 07, 2021

TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:

PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

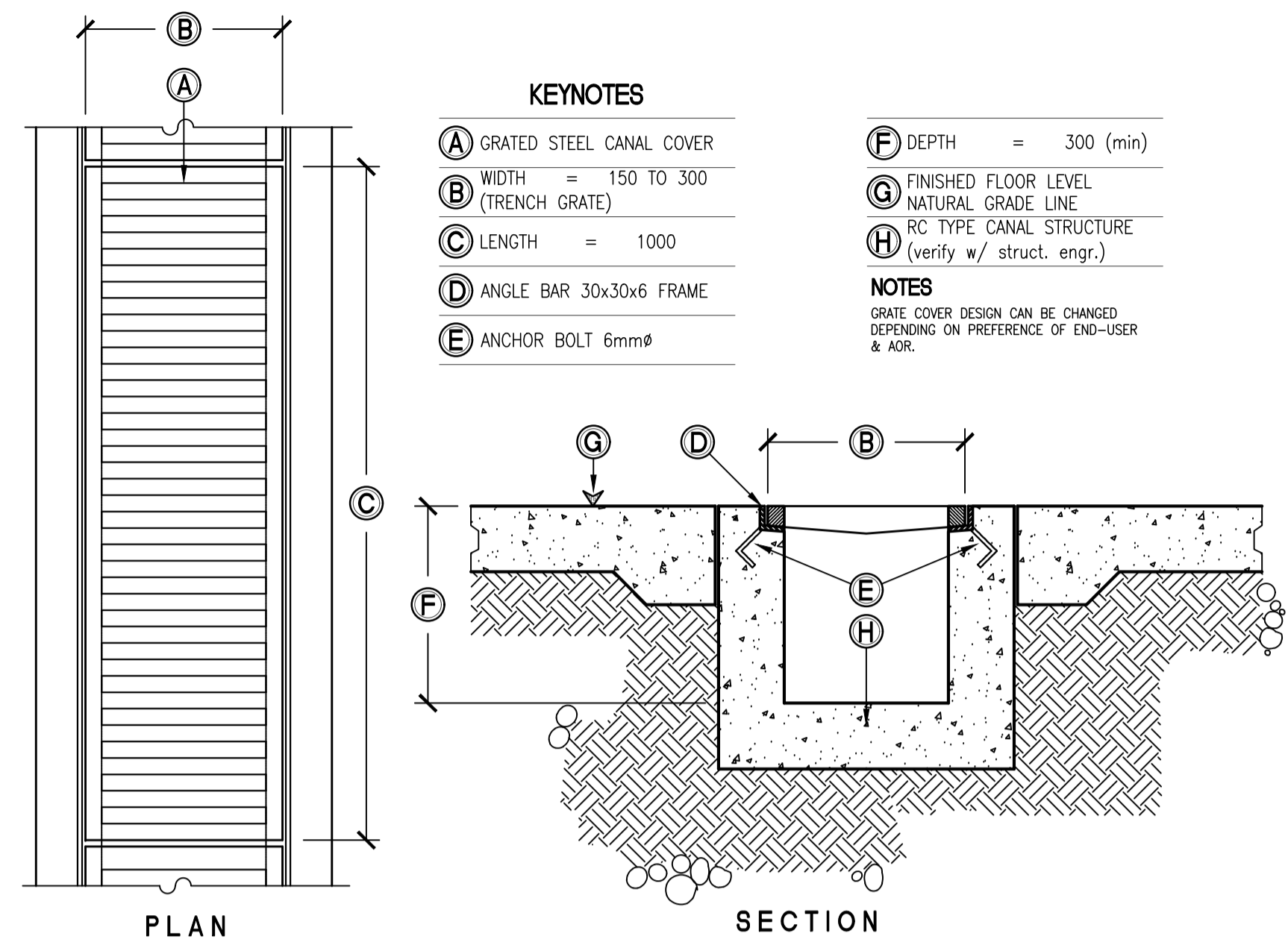
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

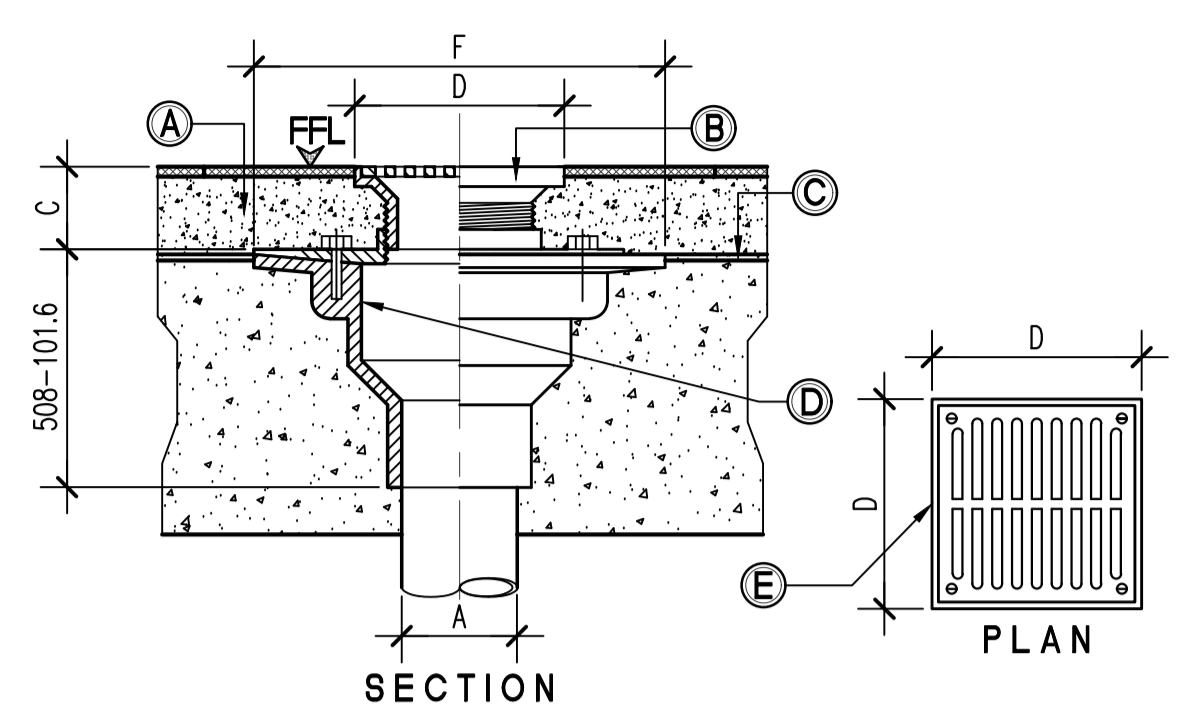
MISCELLANEOUS DETAILS

SHEET NO.:

PS
18 21



01 GRATED CANAL T-2 (NON-TRAFFIC RATED) TRENCH DRAINAGE CANAL DETAIL
PS-19 SCALE 1:20MTS

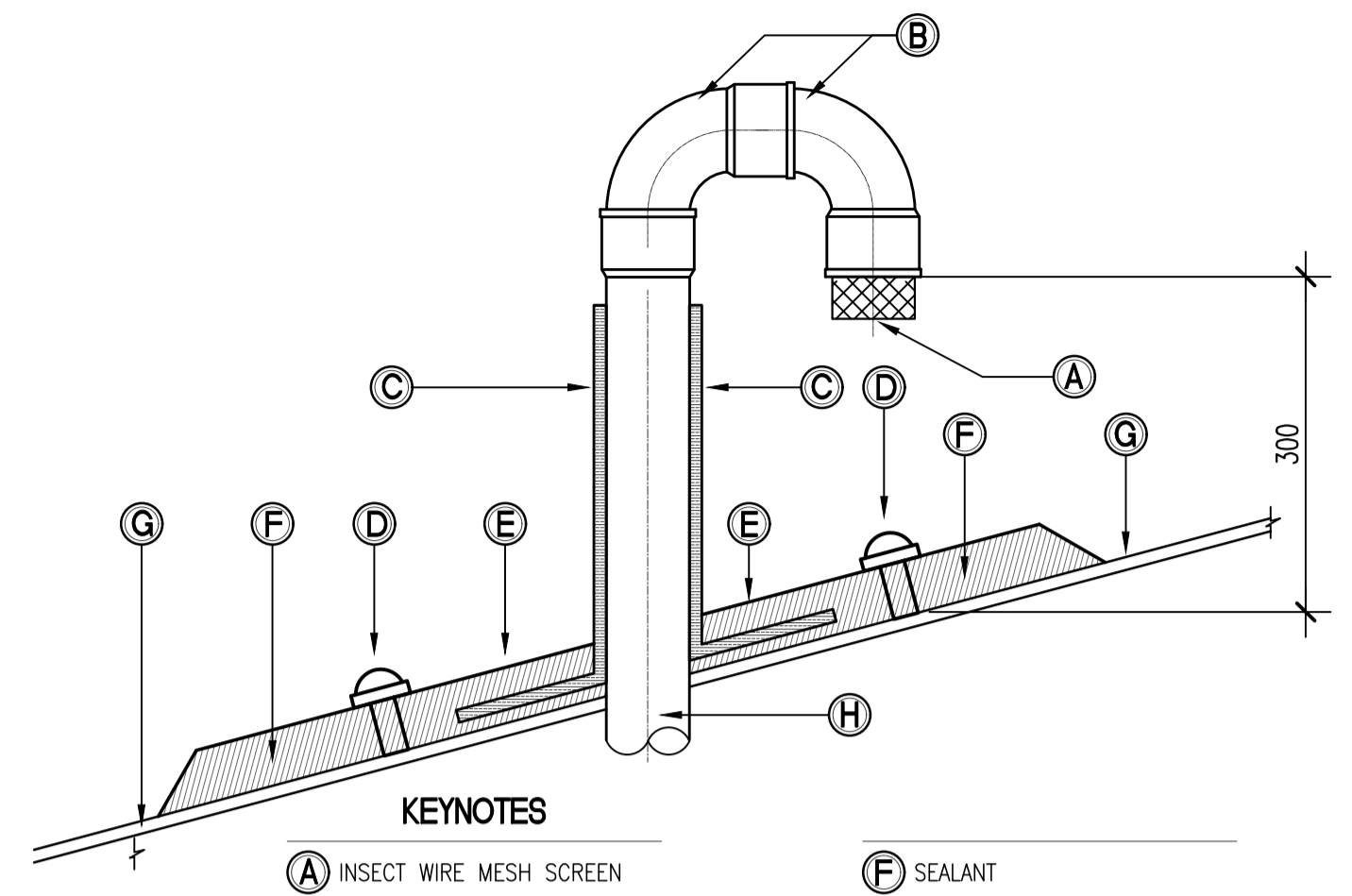


SCHEDULE OF DIMENSIONS

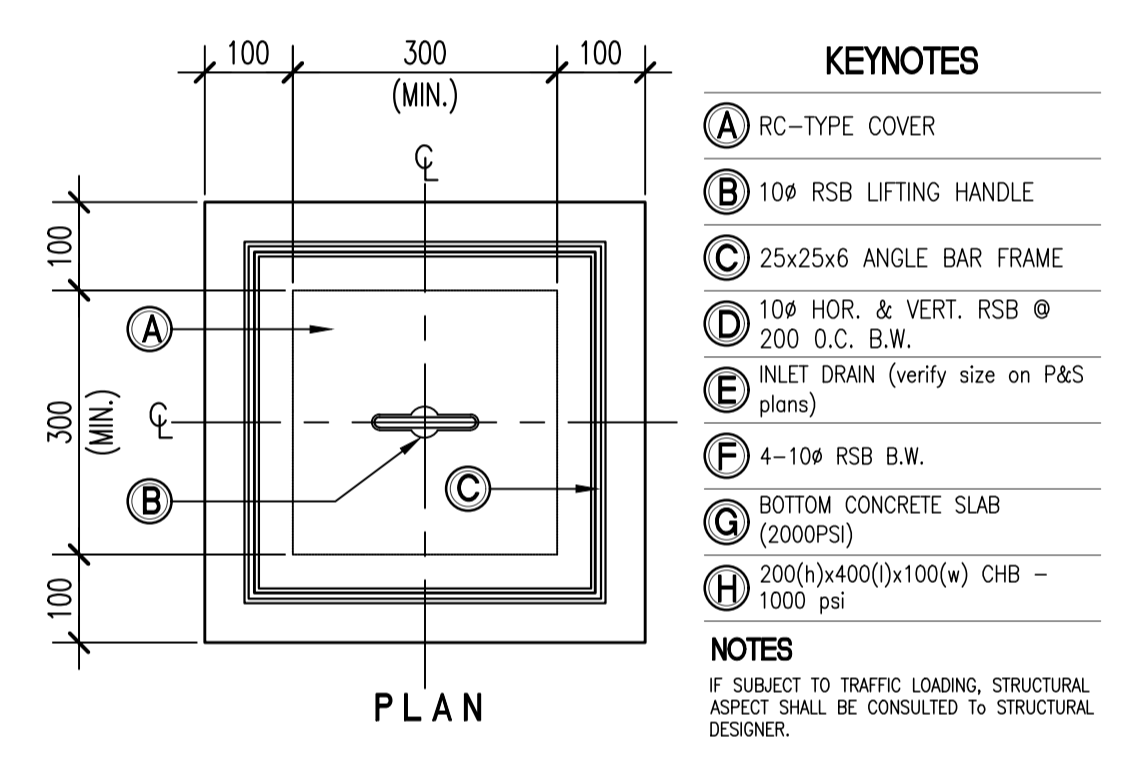
PIPE SIZE IN 'A'	C	D	F
50	38.10	100X100	225.42
75	38.10	125X125	225.42
100	40.00	150X150	225.42
150	50.80	200X200	282.57

NOTES
DESIGN OF FLOOR DRAIN SHALL BE APPROVED BY AOR. VENT SHALL BE PROVIDED AFTER P-TRAP PER FLOOR DRAIN.

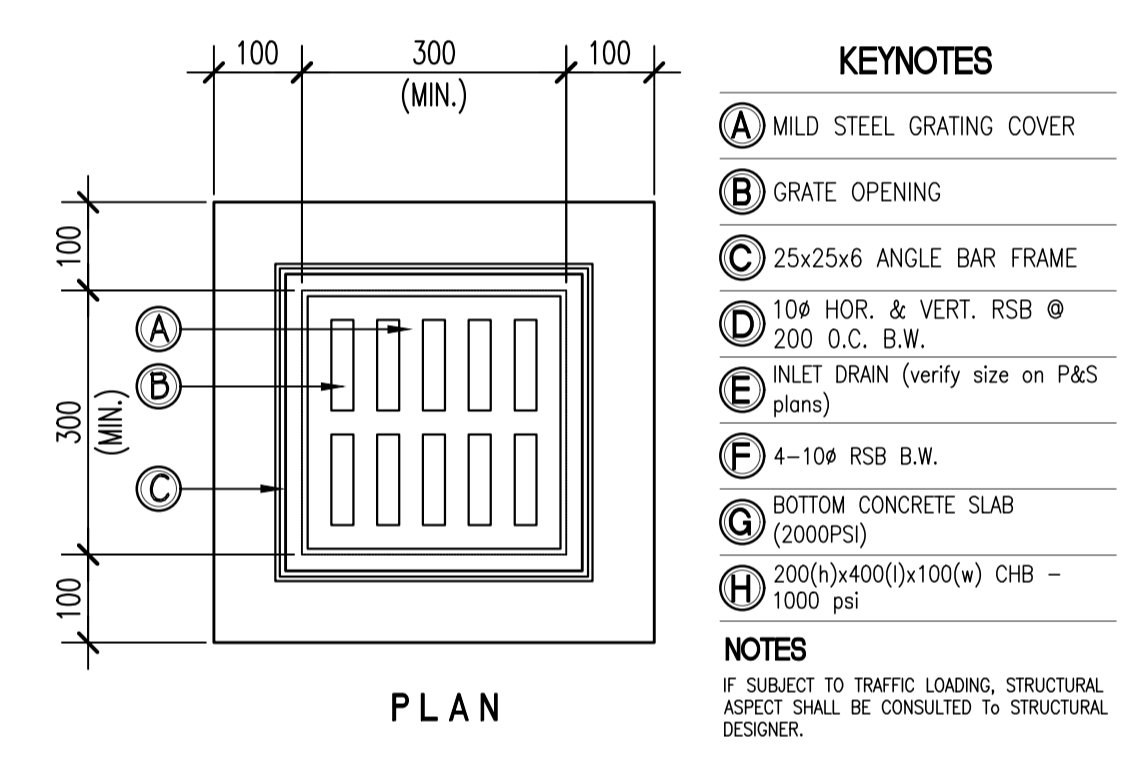
02 FLOOR CONNECTION FLOOR DRAIN DETAIL
PS-19 SCALE NTS



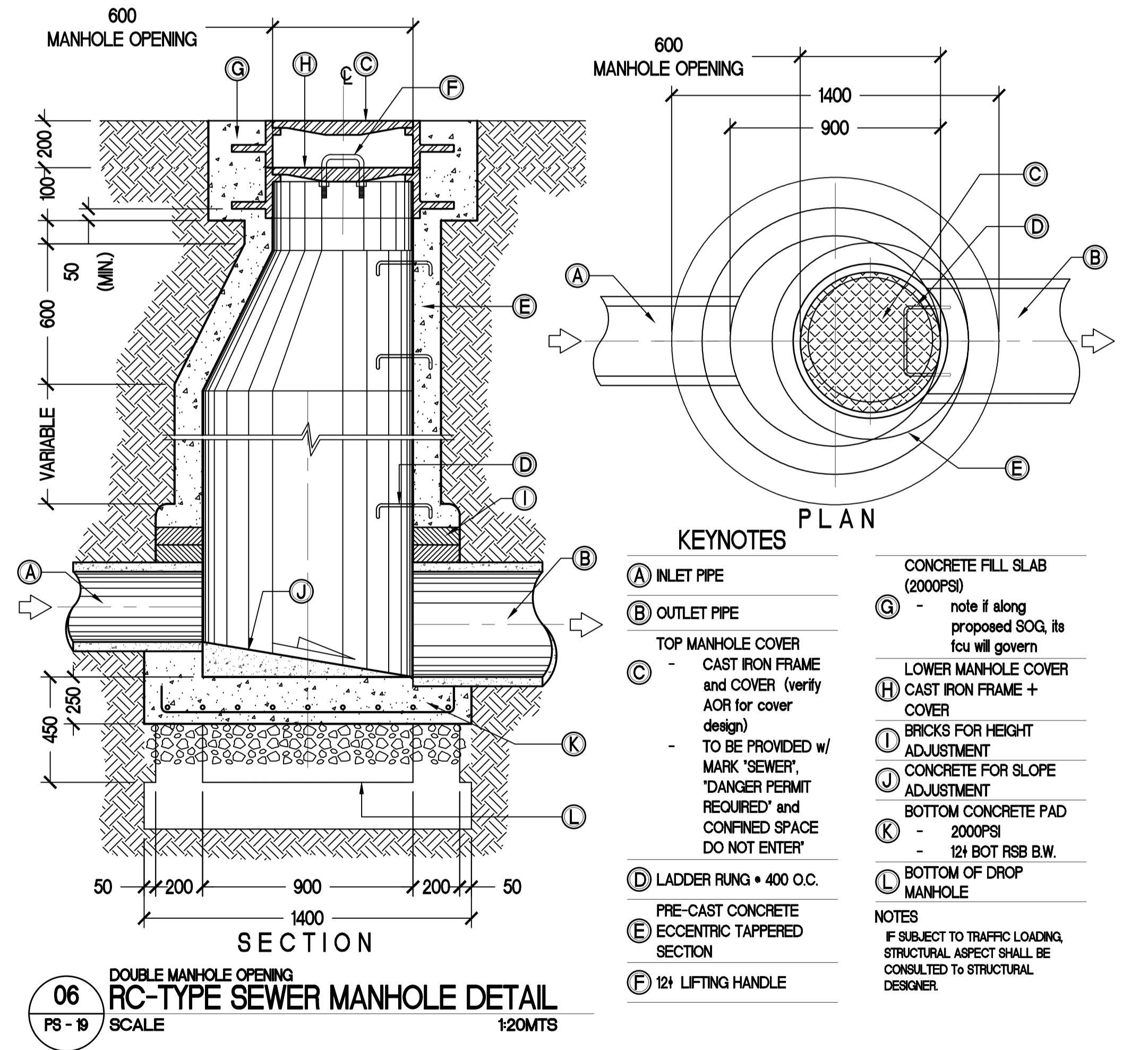
03 VENT STACK THRU DECK DETAIL
PS-19 SCALE NTS



04 NON-TRAFFIC RATED CATCH BASIN DETAIL
PS-19 SCALE 1:10MTS



05 NON-TRAFFIC RATED AREA DRAIN DETAIL
PS-19 SCALE 1:10MTS



06 DOUBLE MANHOLE OPENING RC-TYPE SEWER MANHOLE DETAIL
PS-19 SCALE 1:20MTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LAYUNGA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER:
VICTORIA ADEDECER
SANITARY ENGINEER

PRC No.: 0001927 PTR No.: 4580635
PRC Validity: March 23, 2024 PTR Date: January 07, 2021
TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

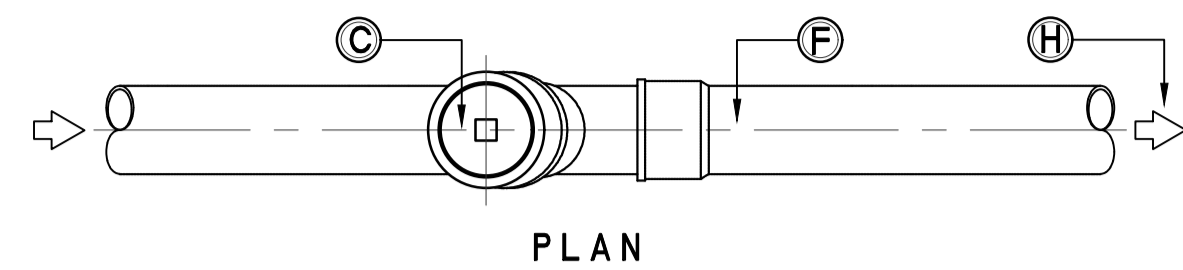
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

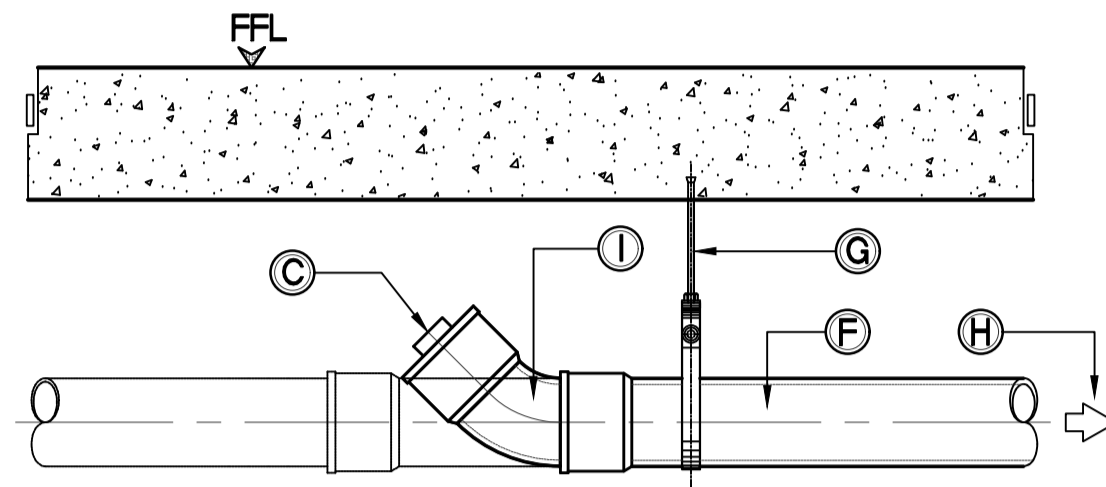
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
MISCELLANEOUS DETAILS

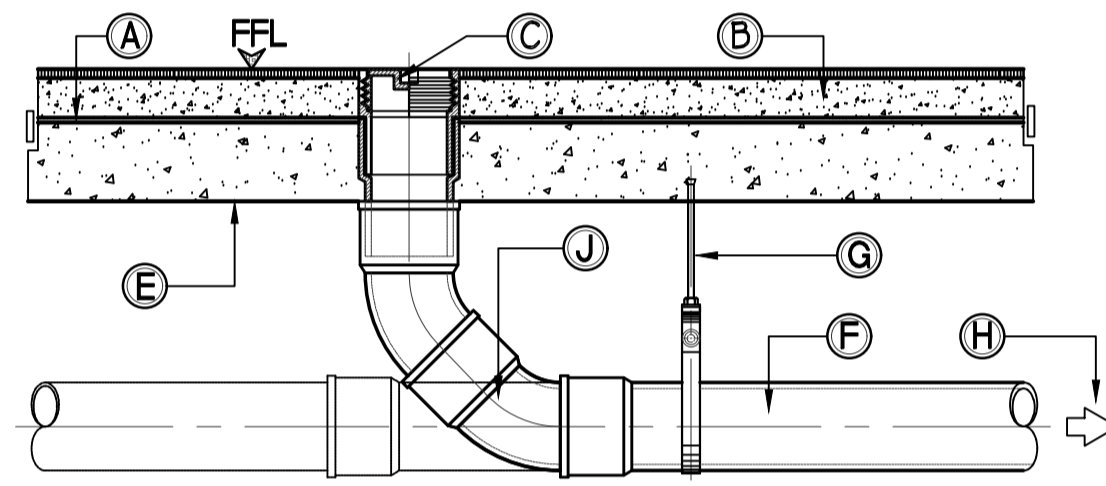
SHEET NO.:
PS 19 21



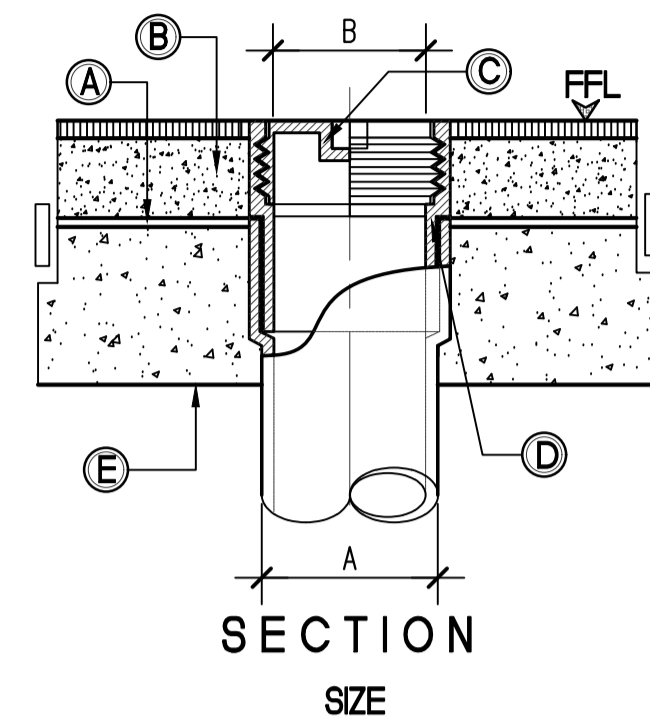
PLAN



ELEVATION



SECTION

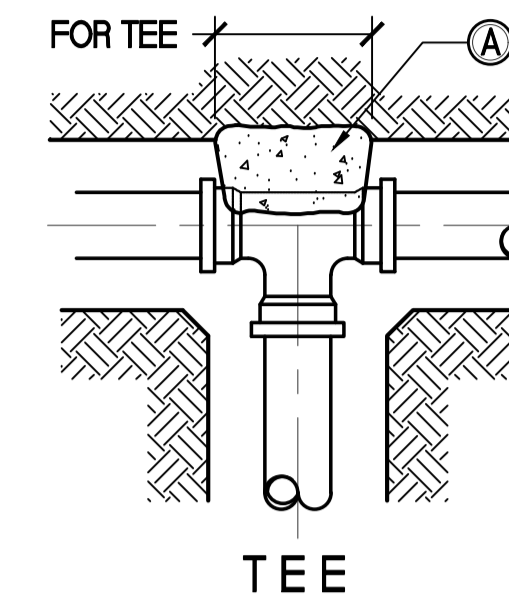


SECTION
SIZE

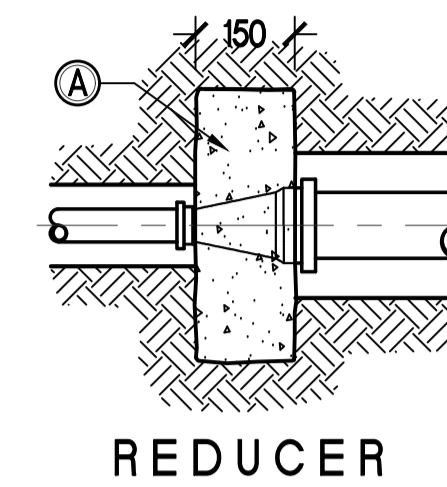
PIPE SIZE 'A'	SIZE (MM) 'B'
50	63
75	90
100	110

- KEYNOTES**
- (A) WATERPROOFING MEMBRANE (refer to arch's plans)
 - (B) CONCRETE TOPPING
 - (C) CLEANOUT
- FLOOR, WALL & GRADE IS METAL TYPE COUNTERSUNK OR FLASH TYPE w/ SCREW PLUG TYPE
- SUBJECT FOR ARCH'S APPROVAL
 - (D) CLEANOUT CASING
 - (E) SLAB SOFFIT
 - (F) SOIL/WASTE PIPE (refer to plan for size)
 - (G) HANGER ROD (refer to PS06-01)
 - (H) DIRECTION OF FLOW
 - (I) SANITARY WYE FOR RUN
 - (J) 45° ELBOW FOR DEAD END
 - (K) SANITARY WYE + 45° ELBOW FOR RUN
 - (L) 2-UNITS OF 45° ELBOW FOR DEAD END

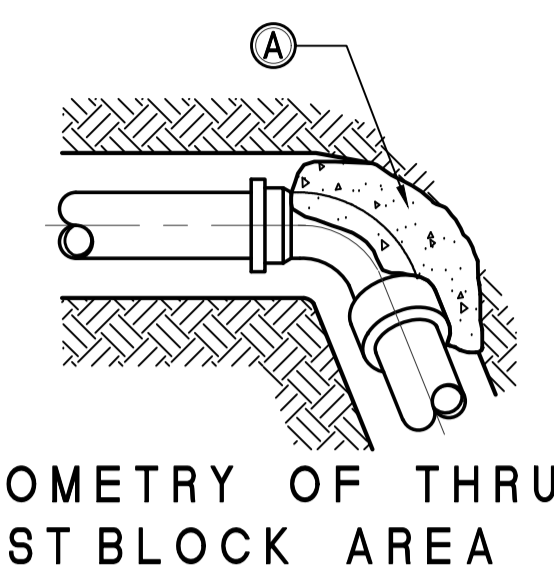
01 FLOOR/CEILING/TO GRADE
CLEANOUT DETAIL
PS - 20 SCALE NTS



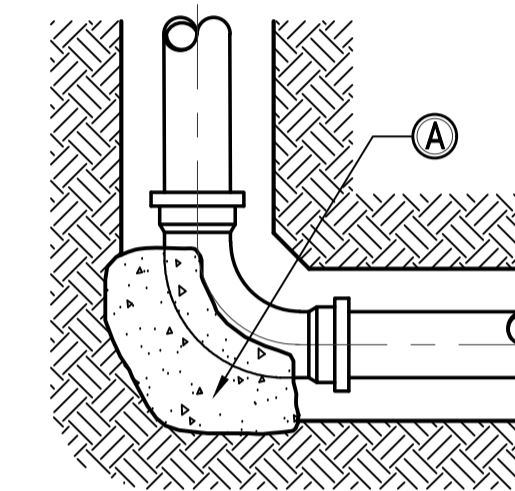
TEE



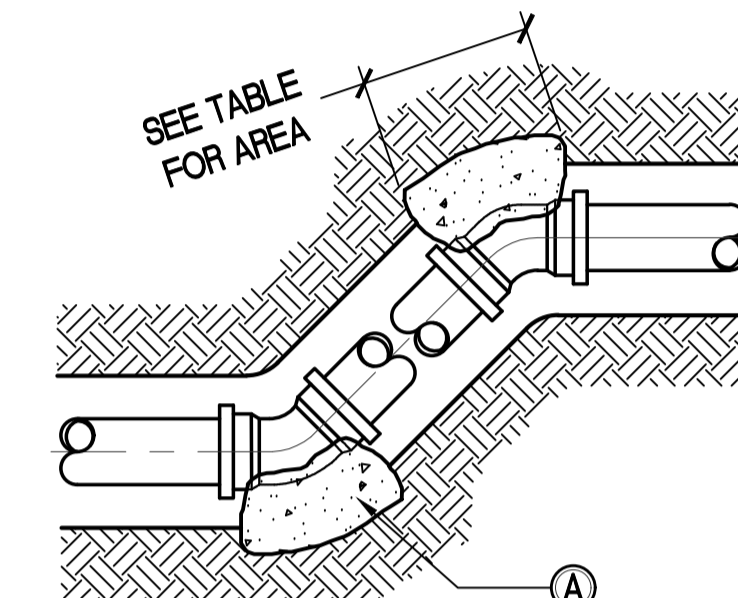
REDUCER



ISOMETRY OF THRU
ST BLOCK AREA



90° ELBOW OR BEND



OFFSET and BENDS

TABLE OF MINIMUM THRUST BLOCK BEARING
AREAS IN SQUARE METERS FOR PIPE SIZES
75 mm TO 600 mm

PIPE SIZE mm (in.)	TEE + DEAD END	90° BEND	45° BEND	22 1/2° BEND
75 (3")	0.05	0.07	0.04	0.02
100 (4")	0.09	0.12	0.07	0.04
150 (6")	0.20	0.28	0.15	0.08
200 (8")	0.35	0.50	0.27	0.14
250 (10")	0.55	0.77	0.42	0.24
300 (12")	0.79	1.11	0.60	0.31
350 (14")	1.07	1.52	0.82	0.42
400 (16")	1.40	1.98	1.07	0.55
450 (18")	1.77	2.51	1.36	0.69
500 (20")	2.19	3.10	1.68	0.85
600 (24")	3.15	4.46	2.42	1.2

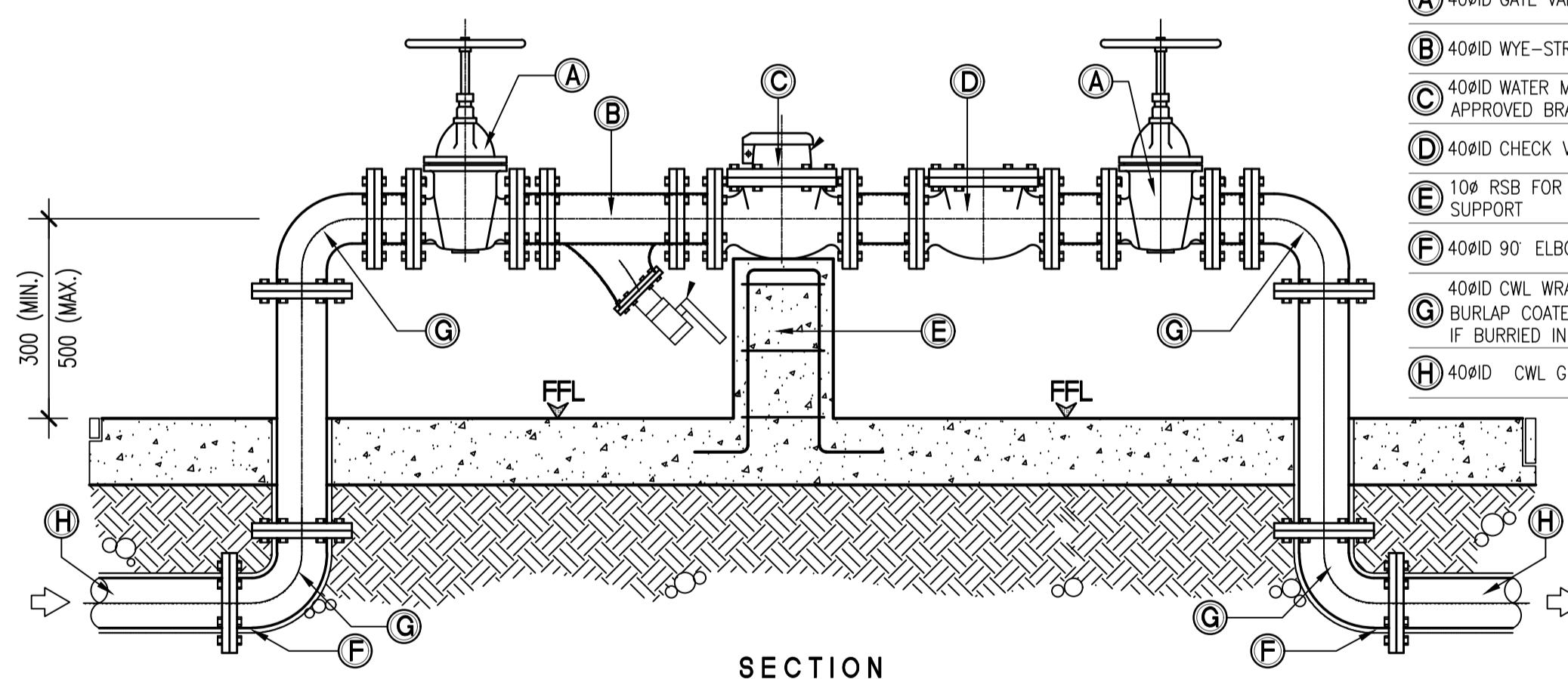
KEYNOTES

- (A) CAST ALL THRUST BLOCKS AGAINST UNDISTURBED SOIL

NOTES

1. ABOVE AREAS ARE BASED ON AN ASSUMED SOIL BEARING PRESSURE OF 98kPa (2000 PSF). REDUCE OR INCREASE AREAS PROPORTIONATELY TO SUIT ACTUAL FIELD CONDITIONS UPON APPROVAL OF THE ENGINEER.
2. CONCRETE COMPRESSIVE STRENGTH FOR THRUST BLOCK SHALL BE 13.8MPa (2000psi)
3. CONCRETE COMPRESSIVE STRENGTH FOR ANCHOR BLOCK SHALL BE 13.8MPa (2000psi)
4. THRUST BLOCKS NOT REQUIRED ON STEEL PIPE LINE w/ WELDED OR FLANGED JOINTS OR ON SOLVENT WELDED PVC PIPE.
5. WHERE PIPE CONNECTS TO A FITTING IN A STEEL PIPE LINE, THE STEEL PIPELINE SHALL BE BLOCKED AS SHOWN HERE ON BEARING AREAS BASED ON INTERNAL PRESSURE OF 10MPa (150psi)

03 AWWA STANDARD
CONCRETE THRUST BLOCKS
PS - 20 SCALE NTS



SECTION

- KEYNOTES**
- (A) 40#ID GATE VALVE OS&Y
 - (B) 40#ID WYE-STRAINER
 - (C) 40#ID WATER METER - MWSS APPROVED BRAND
 - (D) 40#ID CHECK VALVE
 - (E) 10# RSB FOR 100x100 RC SUPPORT
 - (F) 40#ID 90° ELBOW
 - (G) 40#ID CWL WRAPPED w/ BURLAP COATED w/ COALTAR IF BURIED IN SOIL
 - (H) 40#ID CWL GI PIPE

02 MAIN WATER METER DETAIL
PS - 20 SCALE NTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER:
VICTORIA ADEDECER
SANITARY ENGINEER

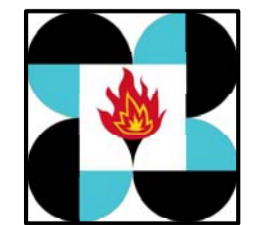
PRC No.: 0001927 PTR No.: 4580635
PRC Validity: March 23, 2024 PTR Date: January 07, 2021
TN No.: 108-318-662 PTR Place: Pasay City

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiongan, Romblon

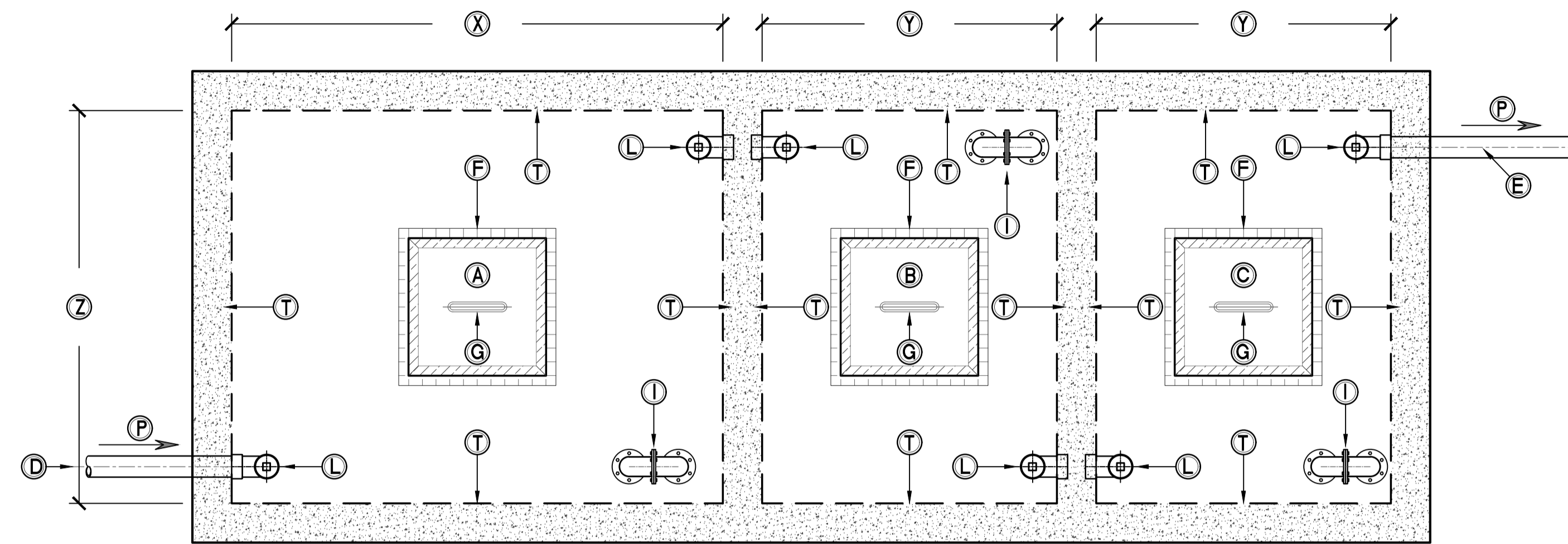
DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

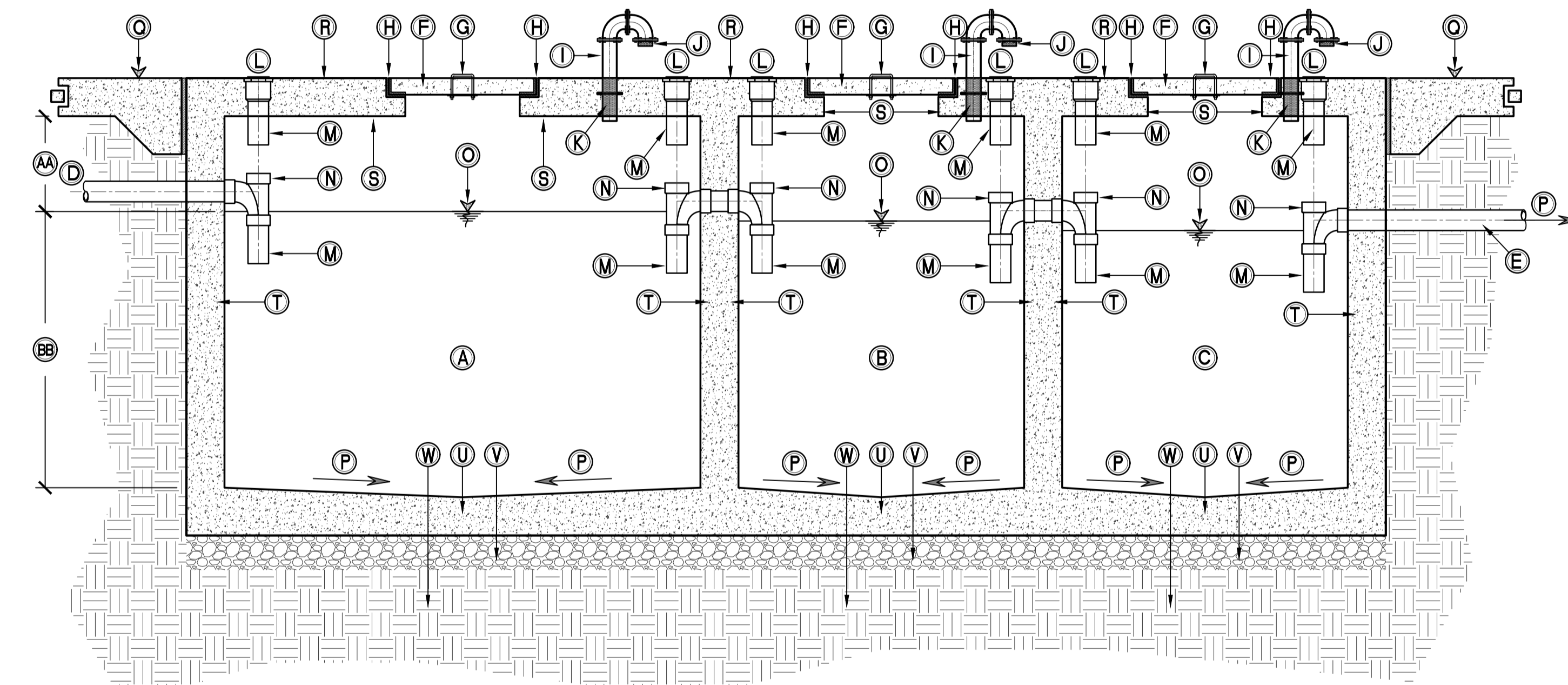
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
MISCELLANEOUS DETAILS

SHEET NO.:
**PS
20 21**



PLAN



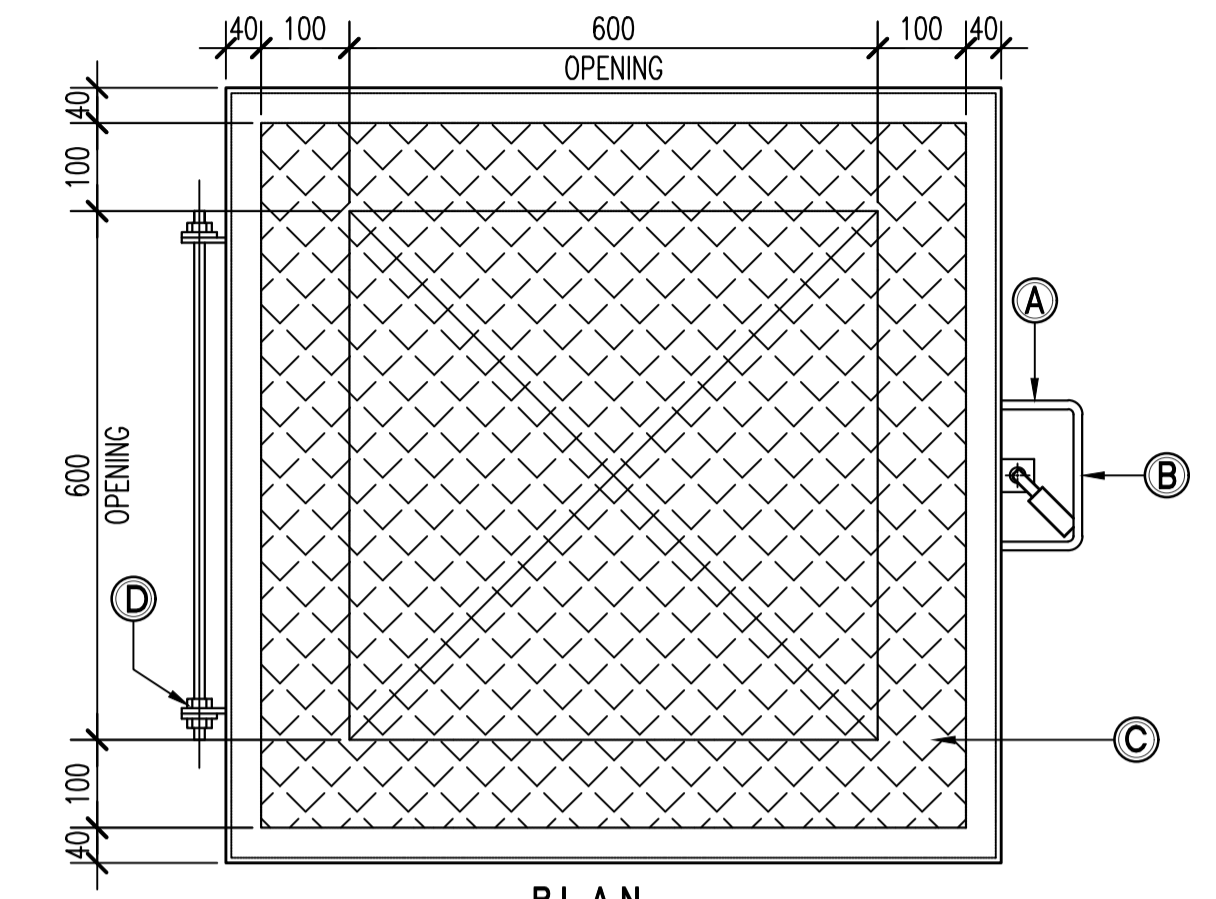
SECTION

01 RC-TYPE UNDERGROUND SEPTIC TANK DETAIL
PS - 21 SCALE NTS

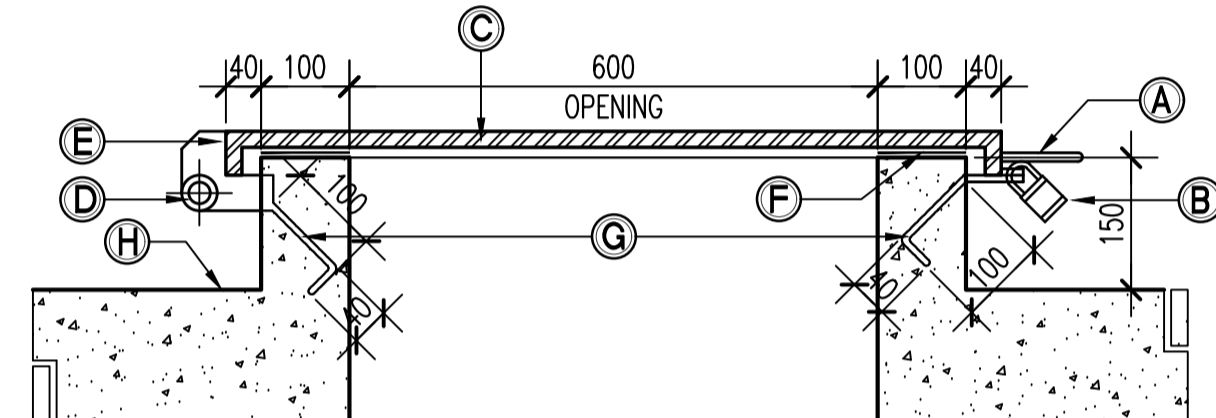
KEYNOTES

- A 1st DIGESTIVE CHAMBER
Wd = 1800
- B 2nd DIGESTIVE CHAMBER
Wd = 1750
- C 3rd DIGESTIVE CHAMBER
Wd = 1700
- D 150Ø INFLENT PIPE
- E 150Ø EFFLUENT PIPE
- F RC-TYPE MANHOLE COVER
(verify w/ struct. engr)
- G 10Ø SMOOTH BAR HANDLE
- H 6mm thk ANGLE BAR BOTH TANK & COVER EDGES
- I 100Ø AIR PIPE GI PIPE SCH40
- J COPPER SCREEN COVER
- K PUDDLE FLANGE
- L 150Ø CLEAOUT CAP
- M 150Ø PIPE
- N 150Ø SANITARY-TEE
- O WASTEWATER LEVEL
- P SLOPE = 1%
- Q FINISHED FLOOR LEVEL
- R SEPTIC TANK FLOOR LEVEL
- S SUSPENDED SLAB (verify thk w/ struct. plans)
- T RC-WALL w/ INTEGRAL WATERPROOFING (verify thk & watertightness w/ struct. plans)
- U RC-TYPE BOTTOM SLAB (verify thk w/ struct. plans)
- V 95% MDD COMPACTION OF GRAVEL BEDDING (verify thk w/ struct. plans)
- W 95% MDD COMPACTION OF SUB-GRADE SUITABLE SOIL (verify thk w/ struct. plans)
- X = 3300
- Y = 1650
- Z = 3300
- AA AA = 500 (300 min)
- BB BB = 1800

NOTES
ALL PIPES PASSING THROUGH SEPTIC TANK MEMBERS SHALL BE PROVIDED w/ PIPE SLEEVE & SEALANT. WATERPROOFING SHALL BE PROVIDED SUBJECT TO RECOMMENDATION OF STRUCT. ENGR. MANHOLE COVERS CAN BE REPLACED w/ STEEL TYPE. ALL PROPOSALS BY CONTRACTOR ARE SUBJECT TO RFA. 100Ø VENT PIPE AT EACH CHAMBER IN ITEM "I" SHALL BE CONNECTED TO 100ØVP COLLECTOR PIPE TERMINATED AT ROOF.



PLAN



SECTION

KEYNOTES

- A 12Ø LIFTING HANDLE
- B HASP w/ PADLOCK
- C GA #10 STAINLESS STEEL MANHOLE COVER
- D 13Ø x 700 LONG THREADED ROD w/ NUTS & WASHERS
- E 6mm THK HINGE PLATE WELDED
- F RUBBER GASKET
- G 6Ø ANCHOR BOLT
- H PUMP ROOM LEVEL

NOTES

CONTRACTOR CAN PROPOSE ALTERNATIVE MANHOLE COVER SUBJECT TO APPROVAL OF DESIGNER.

02 SEPTIC TANK (OPTIONAL) MANHOLE COVER DETAIL
PS - 21 SCALE 1/10MTS

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LONVOLA HEIGHTS,
QUEZON CITY, 1108
TEL NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

ENGINEER: VICTORIA ADEKER SANITARY ENGINEER	
PRC No.: 0001927	PTR No.: 4580635
PRC Validity: March 23, 2024	PTR Date: January 07, 2021
TN No.: 108-318-662	PTR Place: Pasay City

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II

LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
MISCELLANEOUS DETAILS

SHEET NO.:
PS 21/21

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2

EQUIPMENT SCHEDULE

VARIABLE REFRIGERANT FLOW (VRF) OUTDOOR UNIT											
MARK NO.	ACCUV COMBINED UNIT	LOCATION	TYPE	COOLING CAPACITY (HP)	COMPRESSOR DATA				REFRIGERANT TYPE	REMARKS	
					TYPE	INPUT POWER (KW)	EER				
ACCUV-R-01	4 NO. UNIT	ROOF DECK	INVERTER VARIABLE FLOW	24	HERMETICALLY SEALED-SCROLL TYPE	16.76		3,600	230/3/60	R410 OR EQUIVALENT	80 HP COMBINED SET UNIT SIMILAR LG MULTI V-5 VRF OR APPROVED EQUAL. W/ APPLIED OCEAN BLACK FIN
ACCUV-R-02		ROOF DECK	INVERTER VARIABLE FLOW	24	HERMETICALLY SEALED-SCROLL TYPE	16.76		3,600	230/3/60	R410 OR EQUIVALENT	
ACCUV-R-03		ROOF DECK	INVERTER VARIABLE FLOW	20	HERMETICALLY SEALED-SCROLL TYPE	12.31		3,600	230/3/60	R410 OR EQUIVALENT	
ACCUV-R-04		ROOF DECK	INVERTER VARIABLE FLOW	12	HERMETICALLY SEALED-SCROLL TYPE	7.91		3,600	230/3/60	R410 OR EQUIVALENT	

VARIABLE REFRIGERANT FLOW (VRF) INDOOR UNIT								
MARK NO.	QTY.	TYPE	AREA SERVED	COOLING CAPACITY (HP)	FAN DATA			REMARKS
					AIR FLOW (Lps)	MOTOR INPUT (WATTS)	V/PH/HZ	
ACUV-B1-01	1	4W-CEILING CASSETTE	B/1 GENDER & DEVELOPMENT	3.75	375	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-B1-02	1	4W-CEILING CASSETTE	B/1 FITNESS ROOM	3.75	375	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-B1-03	1	WALL MOUNTED	B/1 SLEEP ROOM FEMALE	1.0	100	30	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-B1-04	1	WALL MOUNTED	B/1 SLEEP ROOM MALE	1.0	100	30	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-B1-05	1	2W-CEILING CASSETTE	B/1 DISCUSSION ROOM	1.5	150	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-B1-06	3	4W-CEILING CASSETTE	B/1 FACULTY	2.5	250	80	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-01	1	2W-CEILING CASSETTE	G/F CID HEAD	2.0	200	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-02	1	1W-CEILING CASSETTE	G/F SLEEPING ROOM	0.8	80	30	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-03	1	WALL MOUNTED	G/F CID	2.0	200	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-04	1	2W-CEILING CASSETTE	G/F CONFERENCE ROOM	1.5	150	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-05	1	2W-CEILING CASSETTE	G/F SSD HEAD	2.0	200	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-06	1	4W-CEILING CASSETTE	G/F SD HEAD	2.5	250	80	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-07	1	WALL MOUNTED	G/F SSD	2.0	200	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-08	1	1W-CEILING CASSETTE	G/F COUNSEL ROOM	0.8	80	30	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-09	1	WALL MOUNTED	G/F OSD	1.5	150	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-10	1	2W-CEILING CASSETTE	G/F REPRODUCTION ROOM	2.0	200	50	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-11	1	1W-CEILING CASSETTE	G/F RECORDS ROOM	0.8	80	30	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-12	2	4W-CEILING CASSETTE	G/F FACULTY ROOM	4.4	440	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-1-13	3	4W-CEILING CASSETTE	G/F LIBRARY	3.75	375	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-2-01	2	4W-CEILING CASSETTE	2/F FACULTY ROOM	4.4	440	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-3-01	2	4W-CEILING CASSETTE	3/F TECH INNO	2.9	290	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL
ACUV-3-02	2	4W-CEILING CASSETTE	3/F DES ENG'G	3.2	320	150	230/1/60	UNIT SIMILAR TO LG MULTI-V PRO VRF OR APPROVED EQUAL

LEGEND & SYMBOLS

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	KITCHEN EXHAUST DUCT		WALL MOUNTED ACU
	FLEXIBLE DUCT		CEILING SUSPENDED ACU
	4-WAY DIFFUSER		4-WAY CEILING CASSETTE ACU
	BRANCH DUCT W/ VCD		1-WAY CEILING CASSETTE ACU
	SQUARE TO ROUND BRANCH DUCT		VRV OUTDOOR UNIT
	DUCT REDUCER		SPLIT-TYPE OUTDOOR UNIT
	DUCT W/ VOLUME CONTROL DAMPER		AIR HANDLING UNIT/FAHU
	FIRE DAMPER WITH ACCESS PANEL		AIR-COOLED CONDENSING UNIT
	DUCT WITH ACOUSTIC LINING		CENTRIFUGAL IN-LINE FAN (TUBULAR)
	STANDARD DUCT ELBOW		CENTRIFUGAL IN-LINE FAN (CABINET)
	SUPPLY DUCT DOWN		CEILING MOUNTED FAN
	RETURN DUCT DOWN		VENT CAP
	EQUIPMENT IDENTIFICATION		WALL MOUNTED FAN W/ RAIN HOOD
	LOCAL THERMOSTAT		VRV SPECIAL PIPE CONNECTOR
	VRV CENTRAL CONTROL		EXHAUST AIR GRILLE

ABBREVIATIONS

ACC	AIR CONDITIONING CENTRAL CONTROL	l/s / LPS	LITERS PER SECOND
ACCU	AIR-COOLED CONDENSING UNIT	NRD	NON-RETURN DAMPER
ACU	AIR CONDITIONING UNIT	NTS	NOT TO SCALE
ACCU-V	AIR-COOLED CONDENSING UNIT FOR VRF SYSTEM	OBD	OPPOSED BLADED DAMPER
ACU-V	AIR CONDITIONING UNIT FOR VRF SYSTEM	PA	PASCAL
AHU	AIR HANDLING UNIT	POC	POINT OF CONNECTION
CDP	CONDENSATE DRAIN PIPE	RA	RETURN AIR
EA	EXHAUST AIR	RAD	RETURN AIR DUCT
EAG	EXHAUST AIR GRILLE	RAG	RETURN AIR GRILLE
EAR	EXHAUST AIR REGISTER	SAG	SUPPLY AIR GRILLE
EAL	EXHAUST AIR LOUVER	SAD	SUPPLY AIR DUCT
ESP	EXTERNAL STATIC PRESSURE	SED	SMOKE EXHAUST DUCT
FAF	FRESH AIR FAN	SEF	SMOKE EXHAUST FAN
F/A	FROM ABOVE	SPF	STAIRWELL PRESSURIZATION FAN
F/B	FROM BELOW	SAF	SUPPLY AIR FAN
FD	FIRE DAMPER	TR	TERMINAL ELECTRIC RE-HEAT
FAD	FRESH AIR DUCT	T/A	TO ABOVE
FAHU	FRESH AIR HANDLING UNIT	T/B	TO BELOW
H/L	HIGH LEVEL	TED	TOILET EXHAUST DUCT
KED	KITCHEN EXHAUST DUCT	VCD	VOLUME CONTROL DAMPER
KEF	KITCHEN EXHAUST FAN	VRV	VARIABLE REFRIGERANT VOLUME
KW	KILOWATT		

MECHANICAL NOTES:

- ALL WORKS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF THE PHILIPPINES.
- ALL WORKS SHALL BE IN ACCORDANCE WITH THE FIRE CODE OF THE PHILIPPINES.
- ALL WORKS SHALL BE IN ACCORDANCE WITH THE PHILIPPINE MECHANICAL ENGINEERING CODE 2012.
- REFER TO TECHNICAL SPECIFICATIONS FOR DETAILED MATERIALS AND EQUIPMENT SPECIFICATION.
- AIR CONDITIONED AREA SHALL BE MAINTAINED AT 24°C (+/-) 2°C AND 55% RH.
- COORDINATE WITH ARCHITECTURAL PLAN REGARDING THE EXACT LOCATION OF REGISTERS AND GRILLES.
- REGISTER OR GRILLE DIMENSIONS INDICATED REPRESENT NECJ SIZE.
- REGISTER SHALL MEAN GRILLES OR DIFFUSERS WITH OPPOSED BLADE VOLUME DAMPER.
- ALL DUCT DIMENSIONS INDICATED REFERS TO INSIDE DIMENSION.
- ALL DIMENSIONS ARE IN MILLIMETER.
- INSTALL ALL DUCT CLOSE TO BEAM, PROVIDE CLEARANCE BETWEEN DUCT AND CEILING, UNLESS OTHERWISE NOTED.
- DUCTWORK CONNECTED TO AIR HANDLING UNITS / FAN SHALL BE SIZED TO SUIT THE EQUIPMENT AND SHALL BE PROVIDED WITH FLEXIBLE CONNECTOR.
- ALL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA LOW PRESSURE DUCTWORK MANUAL. DUCTWORK SHALL BE SEALED TO LESS THAN 1% LEAKAGE BY VOL. AT 125 MM S.P.W.G.
- ALL EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATORS.
- ALL EQUIPMENT SHALL BE PAINTED WITH GALVANIZING PAINT MATERIAL FOR EXTRA PROTECTION AGAINST CORROSION.
- COIL OF ACU/ACCU SHALL BE BLUE FINNED COATED FOR EXTRA PROTECTION AGAINST CORROSION.
- STEEL SUPPORT OF THE EQUIPMENT SHALL BE APPLIED WITH GALVANIZING PAINT MATERIAL FOR EXTRA PROTECTION AGAINST CORROSION.
- ALL TOILET DOORS SHALL BE PROVIDED WITH LOUVERS.
- ALL DOORS OF THE AREAS WITH TRANSFER GRILLES SHALL BE PROVIDED WITH LOUVER.
- HEPA FILTER SHALL BE PROVIDED TO ALL DISCHARGE AIR DUCTWORK OF THE FRESH AIR FAN.
- WASHABLE PLEATED FILTER SHALL BE PROVIDED TO INTAKE AIR DUCTWORK OF THE FRESH AIR FAN.
- PIPE ALL EQUIPMENT DRAIN TO BE NEAREST FLOODE DRAIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE EQUIPMENT FOUNDATIONS AND SUPPORTS.
- SHOP DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO BE SUBMITTED FOR CONSULTANTS/CLIENTS REPRESENTATIVE APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE TESTING, BALANCING AND COMMISSIONING OF THE WHOLE AIR CONDITIONING AND VENTILATION SYSTEM. WRITTEN DATA OF THE RESULT SHALL BE SUBMITTED PRIOR TO TURN OVER.
- WORKMANSHIP: THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST & MOST THOROUGH MANNER KNOWN TO TRADE AND TO THE SATISFACTION OF THE ARCHITECTS, ENGINEERS AND CLIENTS.
- THE EQUIPMENT SCHEDULE SHALL BE READ IN CONJUNCTION WITH THE GENERAL MECHANICAL LAYOUT AND SCHEMATIC DIAGRAM. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF MECHANICAL CONSULTANT FOR VERIFICATION.
- THE CONTRACTOR SHALL FOLLOW THE PARAMETERS OF THE EQUIPMENT SCHEDULE WITH APPROVAL FROM MECHANICAL CONSULTANT PRIOR TO PURCHASE OF THE EQUIPMENT.

NOTES ON PIPING INSTALLATION:

- REFRIGERANT PIPES SHALL BE INTERNALLY CLEANED BY SWABBING WITH CLEAN COTTON CLOTH TO REMOVE ALL DUST, BURRS, AND OTHER MISCELLANEOUS DIRT.
- WHILE SOLDERING JOINTS, A SWEEP OF INERT NITROGEN GAS SHOULD BE PASSED THROUGH PIPES TO PREVENT OXIDATION DEPOSITS INSIDE.
- FITTINGS:
 - USE STANDARD LONG RADIUS COPPER ELBOWS, REDUCERS, ETC. DO NOT USE FIELD-FORMED ELBOWS, REDUCERS, ETC.
 - JOINTS BETWEEN PIPES SHOULD BE THROUGH STANDARD COPPER COUPLING FORMED FITTING MADE BY SWAGING OR ENLARGING ONE PIPE END TO BE ABLE TO RECEIVE THE OTHER PIPE SECTION WOULD NOT BE ALLOWED.
 - JOINTS TO SCREWED ACCESSORIES SUCH AS EXPANSION VALVES, FILTER DRIER, ETC. SHALL BE MADE WITH STANDARD FLARED FITTINGS.
- THE COMPLETED PIPING INSTALLATION SHOULD BE LEAK TESTED BY SUBJECTING THE SAME (BOTH LIQUID AND SUCTION LINE) TO A PRESSURE OF 3100 P_o USING DRY NITROGEN GAS. THIS PRESSURE SHOULD BE LEFT FOR 24 HOURS AND IF THERE IS NO NOTICEABLE REDUCTION IN PRESSURE WITHIN THE PERIOD, THE NITROGEN CHARGE SHALL BE RELIEVED DOWN TO 140KPa TO SERVE AS HOLDING CHARGE WHILE WAITING FOR THE EQUIPMENT CONNECTION. IF THERE IS NOTICEABLE REDUCTION IN THE TEST PRESSURE, LEAK SHOULD BE LOCATED AND REPAIRED.
- PROPERLY TESTED PIPING SHOULD BE SECURELY CAPPED AT BOTH ENDS AND WITH HOLDING CHARGE AS STATED IN ITEM 4 ABOVE WHILE WAITING FOR FINAL CONNECTION TO EQUIPMENT. INSULATE SUCTION PIPING ONLY AFTER PROPER LEAK TESTING.

REFERENCE SYMBOL:

SYMBOL:	DESCRIPTION:
	W - DENOTES UNIT MARK
	X - DENOTES FLOOR LEVEL
	Y - DENOTES UNIT NO.
	Z - DENOTES UNIT QUANTITY
	X - AIR DIFFUSER NAME
	Y - DENOTES DIFFUSER NO.

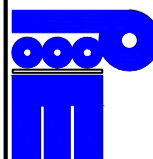


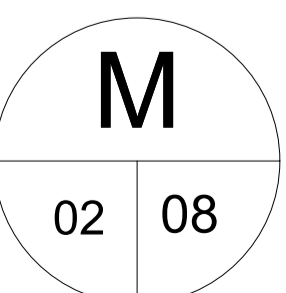
ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	DESIGNER: MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER PRC No. 4908 Validity: 06/05/2024 PTR No. 8535022 Date: 01/05/2021 Place: MAKATI CITY TIN: 912-907-486	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: EQUIPMENT SCHEDULE LEGEND & SYMBOLS ABBREVIATIONS MECHANICAL NOTES	SHEET NO:
--	--	---	--	---	--	---	--	---------------

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2

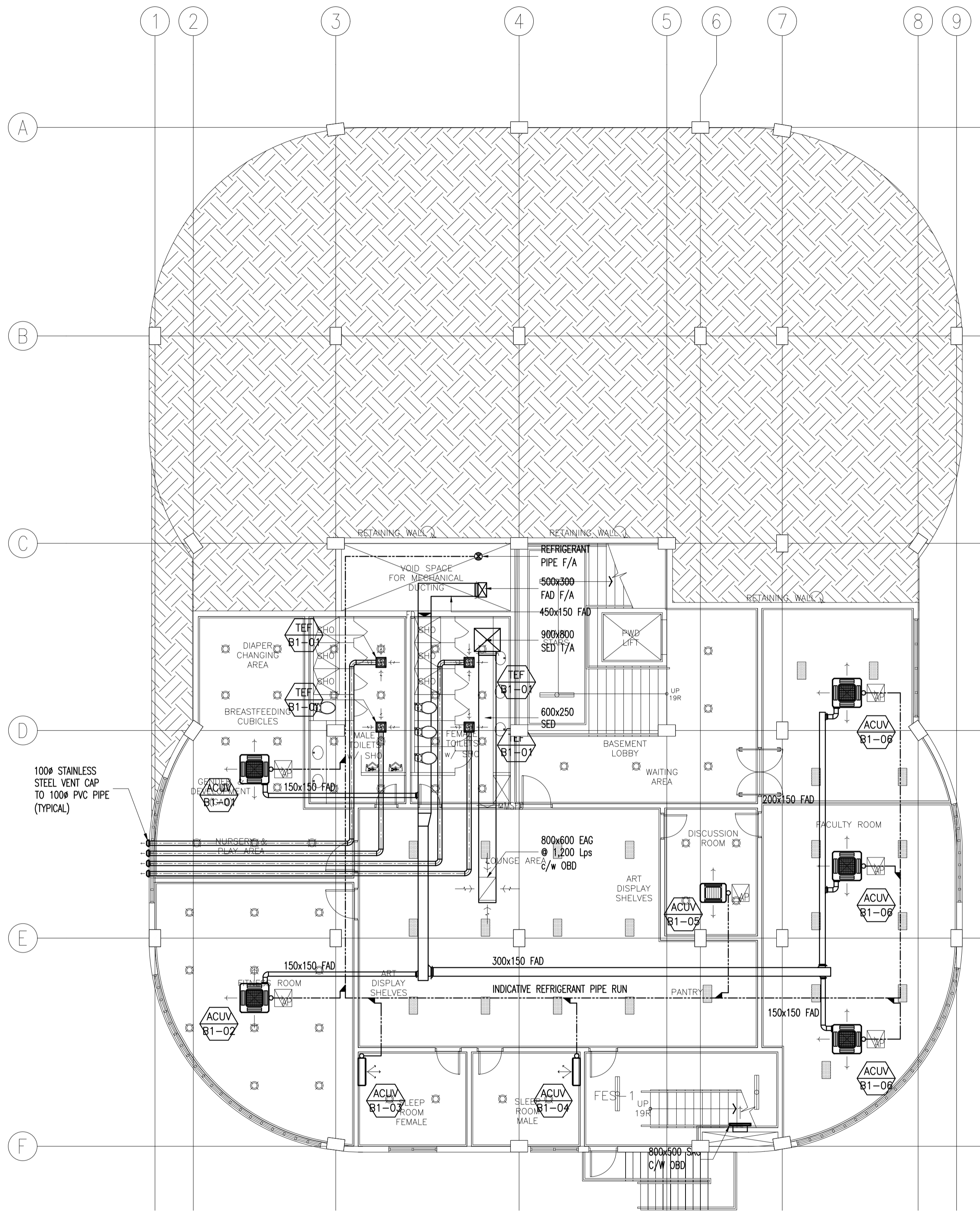
FAN SCHEDULE											
MARK NO	LOCATION	QTY.	SERVICE	TYPE	CAPACITY (LPS)	STATIC PRESSURE (PA)	MOTOR DATA				REMARKS
							MOTOR INPUT (WATTS)	RPM	V/PH/Hz	VSD DRIVEN	
TEF-B1-01	B/1 TOILET/SHOWER	4	TOILET EXHAUST	CEILING MOUNTED	35	40	45	3,600	230/1/60	NO	FAN UNIT SIMILAR TO KRUGER OR APPROVED EQUAL
TEF-1-01	G/F TOILET	10	TOILET EXHAUST	CEILING MOUNTED	35	40	45	3,600	230/1/60	NO	FAN UNIT SIMILAR TO KRUGER OR APPROVED EQUAL
TEF-2-01	2/F TOILET	7	TOILET EXHAUST	CEILING MOUNTED	35	40	45	3,600	230/1/60	NO	FAN UNIT SIMILAR TO KRUGER OR APPROVED EQUAL
TEF-3-01	3/F TOILET	5	TOILET EXHAUST	CEILING MOUNTED	35	40	45	3,600	230/1/60	NO	FAN UNIT SIMILAR TO KRUGER OR APPROVED EQUAL
FAF-R-01	ROOF DECK	1	FRESH AIR	SISW CENTRIFUGAL FAN	800	375	560	3,600	230/3/60	NO	FAN UNIT SIMILAR TO KRUGER OR APPROVED EQUAL

STAIRWELL PRESSURIZATION FAN SCHEDULE											
MARK NO	LOCATION	QTY.	SERVICE	TYPE	CAPACITY (LPS)	STATIC PRESSURE (PA)	MOTOR DATA				REMARKS
							MOTOR INPUT (WATTS)	RPM	V/PH/Hz	VSD DRIVEN	
SPF-R-01	ROOF DECK	2	STAIRWELL PRESSURIZATION	SISW CENTRIFUGAL FAN	3,000	375	2,200	3,600	230/3/60	YES	EQUIPPED WITH PRESSURE DIFF. PRESSURE TRANSMITTER AND VSD. SIMILAR TO KRUGER OR APPROVED EQUAL

SMOKE EXHAUST FAN											
MARK NO	LOCATION	QTY.	SERVICE	TYPE	CAPACITY (LPS)	STATIC PRESSURE (PA)	MOTOR DATA				REMARKS
							MOTOR INPUT (WATTS)	RPM	V/PH/Hz	VSD DRIVEN	
SEF-R-01	ROOF DECK	1	STAIRWELL PRESSURIZATION	SISW CENTRIFUGAL FAN	5,000	500	3,000	3,600	230/3/60	YES	EQUIPPED WITH PRESSURE DIFF. PRESSURE TRANSMITTER AND VSD. SIMILAR TO KRUGER OR APPROVED EQUAL

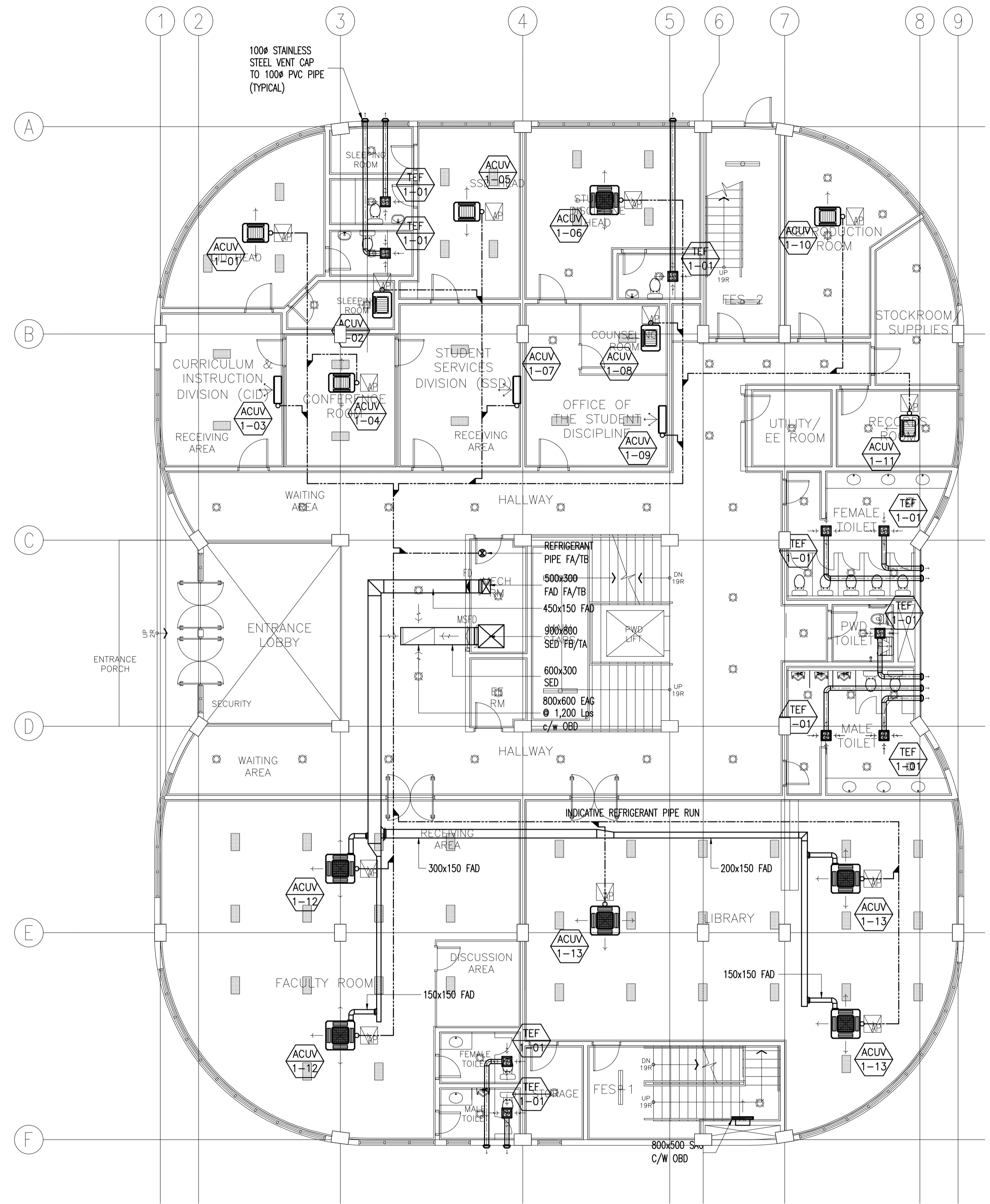
 ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH  ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	SUITE 305 XAVERVILLE SQUARE CONDOMINIUM NO. 38 XAVERVILLE AVENUE, LORONCA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 30244 FAX NOS: 927 0608; 426 7214	DESIGNER: MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER PRC No. 4908 Validity: 06/05/2024 PTR No. 8535022 Date: 01/05/2021 Place: MAKATI CITY TIN: 912-907-486	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: EQUIPMENT SCHEDULE	SHEET NO.: 
--	---	---	---	---	--	---	--	--	--

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2



BASEMENT FLOOR PLAN
ACADEMIC BUILDING II
A/C AND MECHANICAL VENTILATION LAYOUT

1 M-03 SCALE 1:100



GROUND FLOOR PLAN
ACADEMIC BUILDING II
A/C AND MECHANICAL VENTILATION LAYOUT

2 M-03 SCALE 1:100


ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONDA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS.: 426 7000;
426 3000-04
FAX NOS.: 927 0608;
426 7214

DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER
PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II /
MULTI-PURPOSE GYMNASIUM**
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

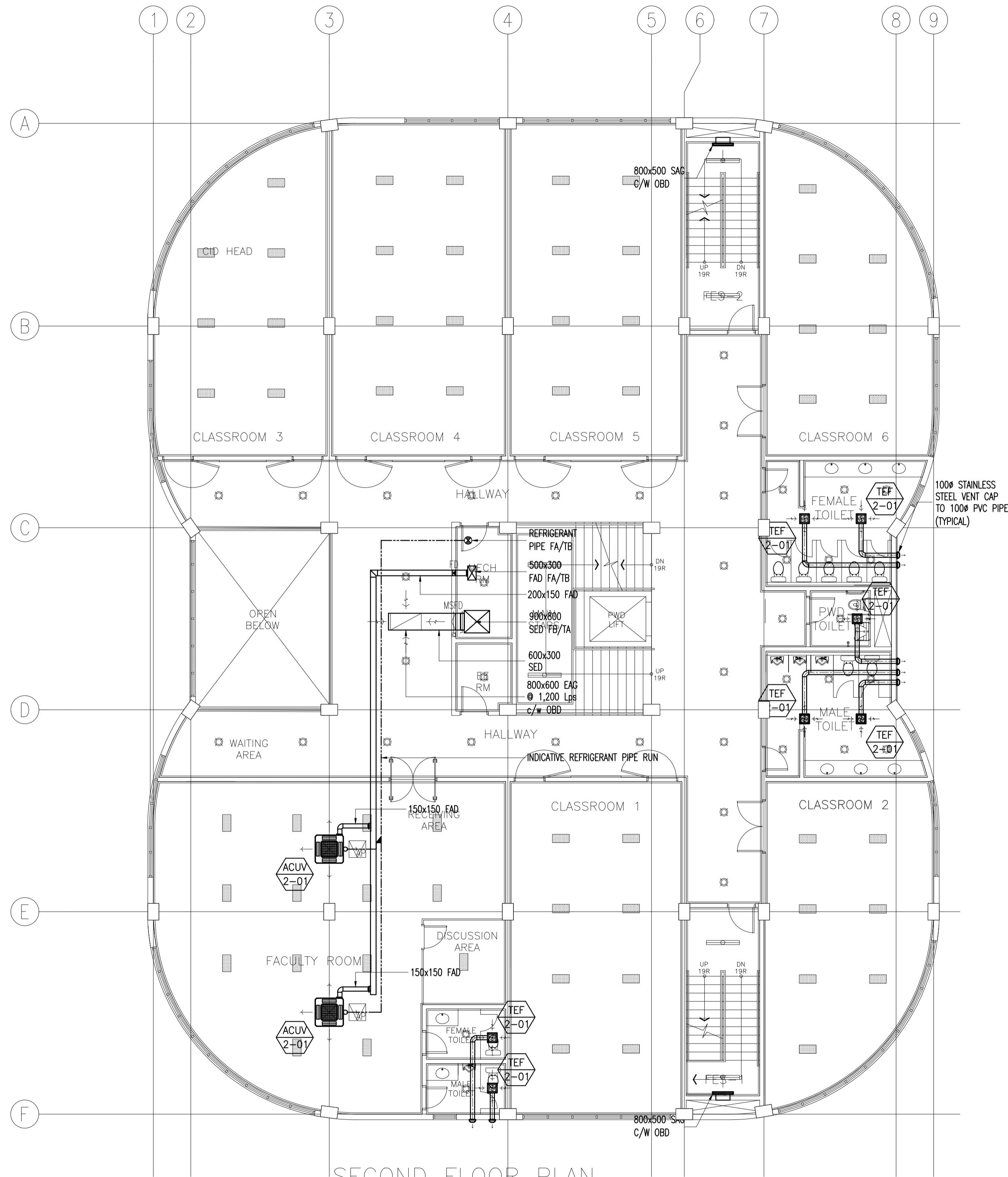
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
BASEMENT FLOOR PLAN
GROUND FLOOR PLAN
A/C AND MECHANICAL VENTILATION LAYOUT

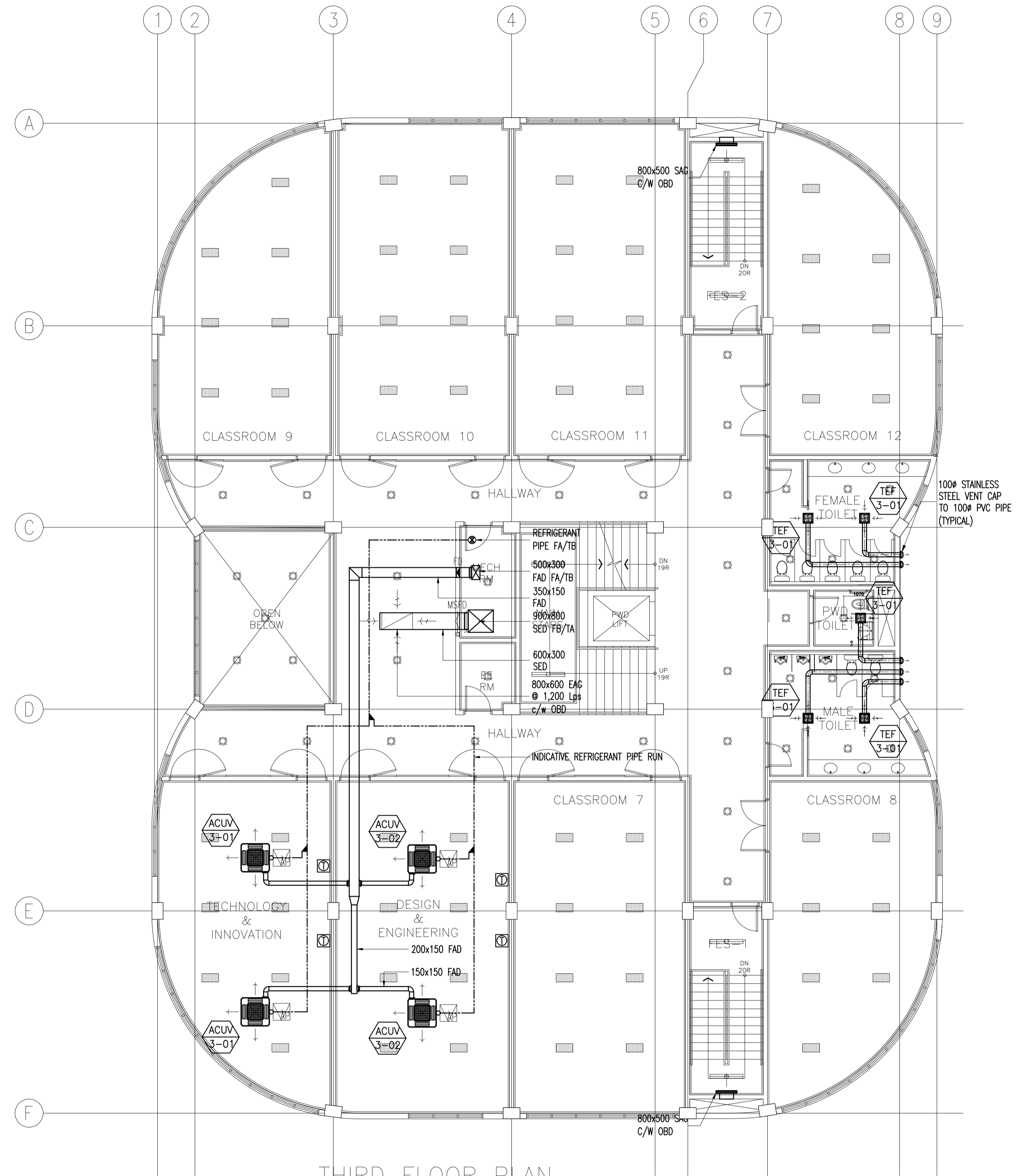
SHEET NO:
M
03 08

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2



SECOND FLOOR PLAN
ACADEMIC BUILDING II
A/C AND MECHANICAL VENTILATION LAYOUT

1
M-04 SCALE 1:100



THIRD FLOOR PLAN
ACADEMIC BUILDING II
A/C AND MECHANICAL VENTILATION LAYOUT

2
M-04 SCALE 1:100

ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONGA HEIGHTS,
QUEZON CITY, 1108
TEL NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER
PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II /
MULTI-PURPOSE GYMNASIUM**
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

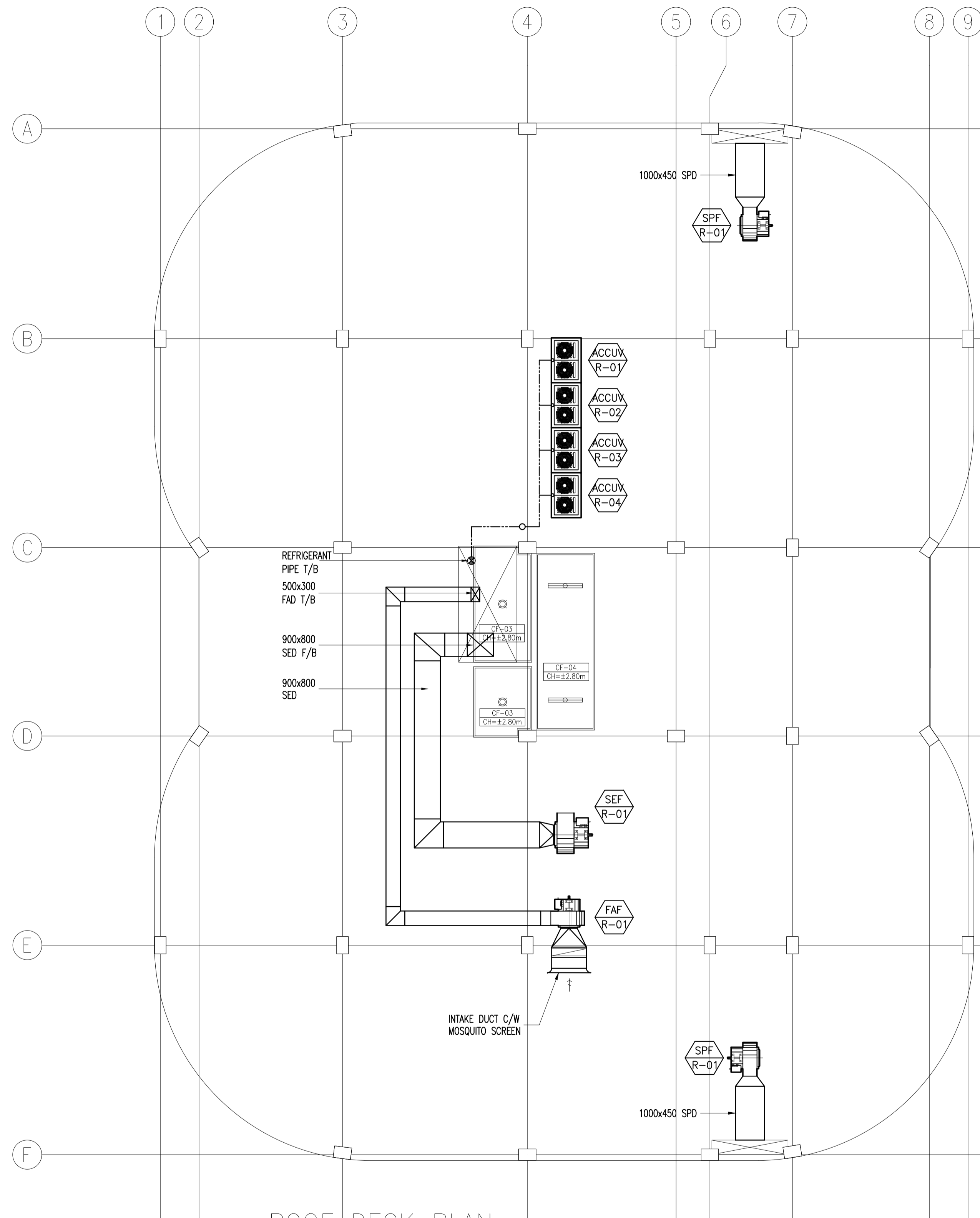
REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
SECOND FLOOR PLAN
THIRD FLOOR PLAN
A/C AND MECHANICAL VENTILATION LAYOUT

SHEET NO:
M
04 08



1
M-05 SCALE 1:100

ROOF DECK PLAN
ACADEMIC BUILDING II
A/C AND MECHANICAL VENTILATION LAYOUT

ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH

ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONGA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

DESIGNER:	
MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER	
PRC No. 4908	Validity: 06/05/2024
PTR No. 8535022	Date: 01/05/2021
Place: MAKATI CITY	TIN: 912-907-486

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
LOCATION:	Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
------------------------	--------------------------------------

APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
--------------	---

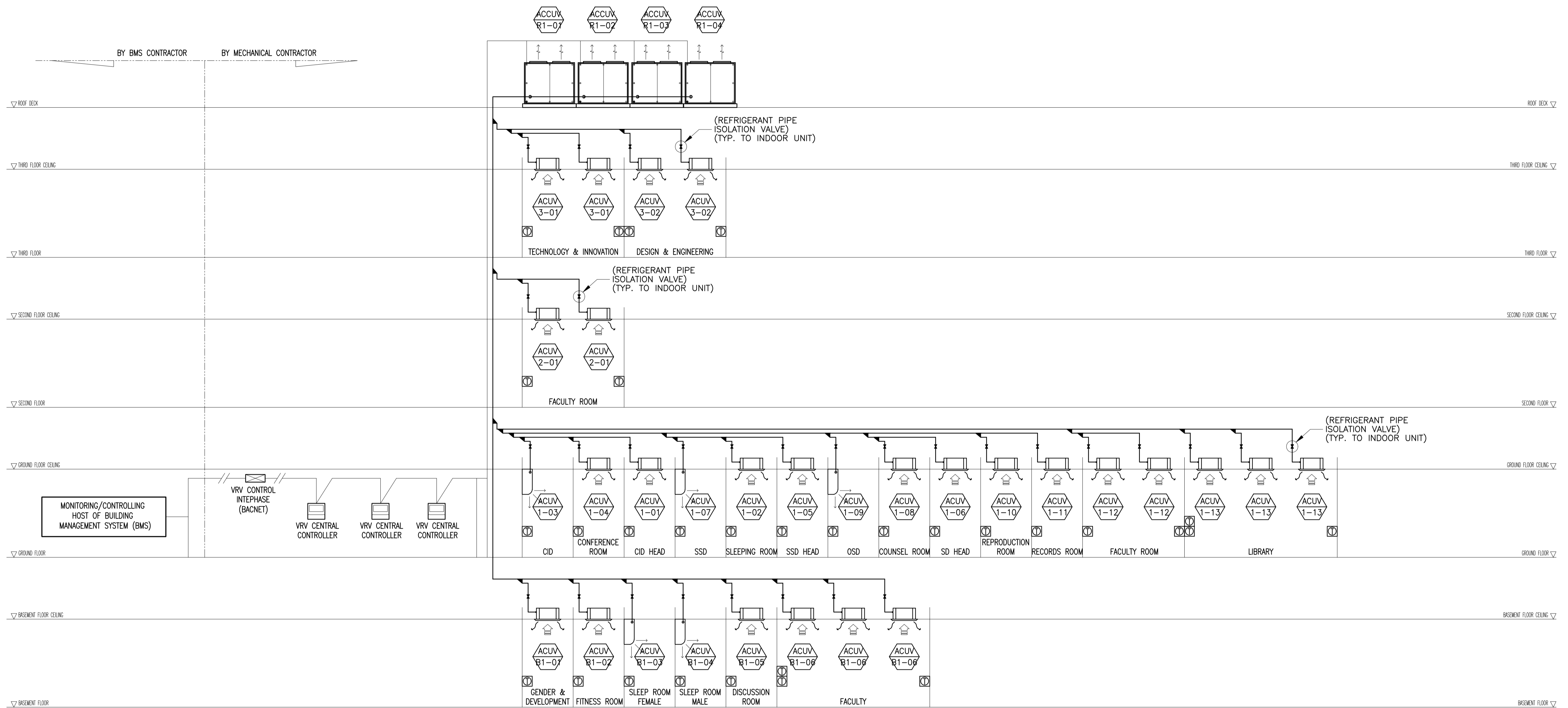
SHEET CONTENTS:	ROOF DECK PLAN A/C AND MECHANICAL VENTILATION LAYOUT
-----------------	---

SHEET NO:

M

05 08

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2



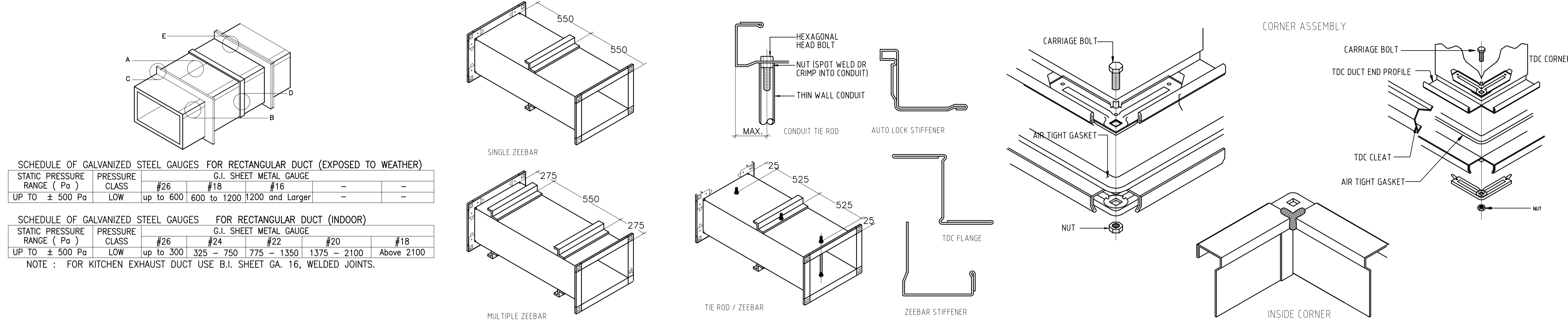
- CONTROL/BMS NOTES**
1. ALL LOCAL THERMOSTAT SHALL BE WIRED CONNECT TO INDOOR UNIT. WIRELESS REMOTE IS NOT ADVISABLE.
 2. PROVIDE ALL CONTROL DEVICES AND CONNECT TO BMS FOR ALL UNITS.
 3. PROVIDE DIRECT DIGITAL CONTROLLER FOR EACH UNIT.
 4. CONTROLLER AND WIRING TO AND FROM UNIT SHALL BE UL LISTED FOR FIRE ALARM SERVICE.
 5. CONTROL DIAGRAM APPLICABLE TO OTHER AREAS WITH SIMILAR SCHEME.
 6. FULL COMMUNICATION TO BMS VIA OPEN PROTOCOL (BACNET). ALL READINGS TO BE READABLE ON BMS. ALL NECESSARY INTERFACE EQUIPMENT TO BE INCLUDED FINAL POINT QUANTITIES TO BE CONFIRMED ON FINAL EQUIPMENT SELECTION BY THE CONTRACTOR.
 7. NUMBER OF INPUT AND OUTOUT POINTS MAY VARY DEPENDING ON THE NUMBERS OF RELATED EQUIPMENT. BMS CONTRACTOR TO PRESENT THE NUMBER OF POINTS TO BE FINALIZED BY THE CONSULTANT AND CLIENTS.
 8. ALL DDC TO BE PROVIDED BY BMS CONTRACTOR
 9. CONTROL INTERPHASE MODULE FOR VRV/VRF SHALL BE PROVIDED BY MECHANICAL CONTRACTOR

1
M-06 SCALE 1:100

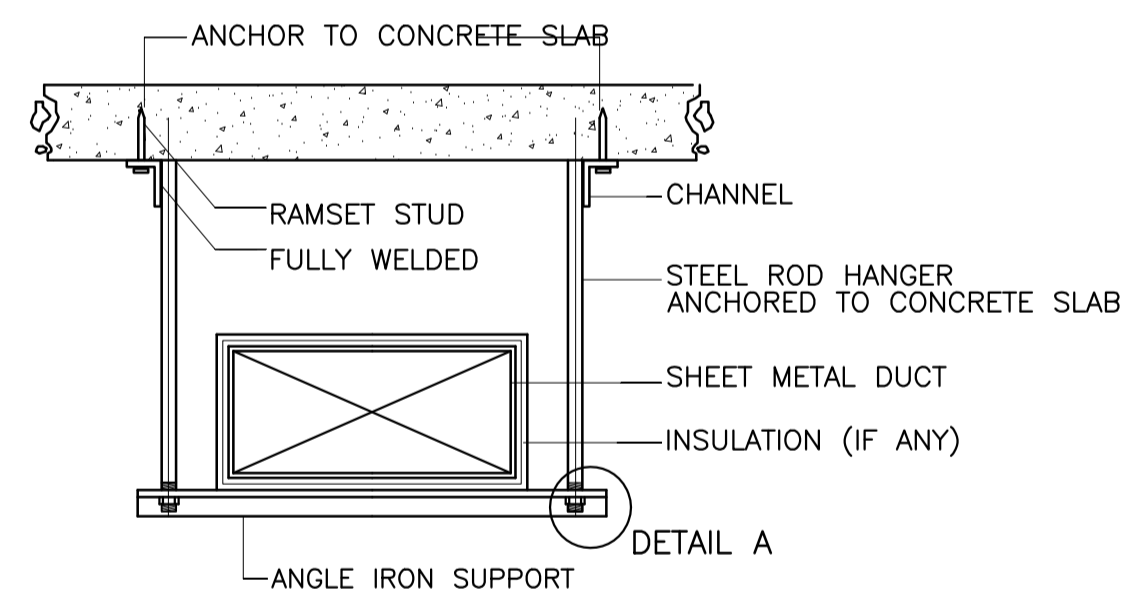
ACADEMIC BUILDING II
VRF SCHEMATIC DIAGRAM

<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS</p> <p><i>IN JOINT VENTURE WITH</i></p> <p>ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p> <p>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LOROVILLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214</p>	<p>DESIGNER:</p> <p>MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER</p> <p>PRC No. 4908 Validity: 06/05/2024</p> <p>PTR No. 8535022 Date: 01/05/2021</p> <p>Place: MAKATI CITY TIN: 912-907-486</p>	<p>REPUBLIC ACT 9266</p> <p><small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small></p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM</p> <p>LOCATION: Brgy. Rizal, Odiangan, Romblon</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>VRF SCHEMATIC DIAGRAM</p>	<p>SHEET NO:</p> <p>M 06 08</p>
--	--	--	---	---	--	---	---	--

GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2

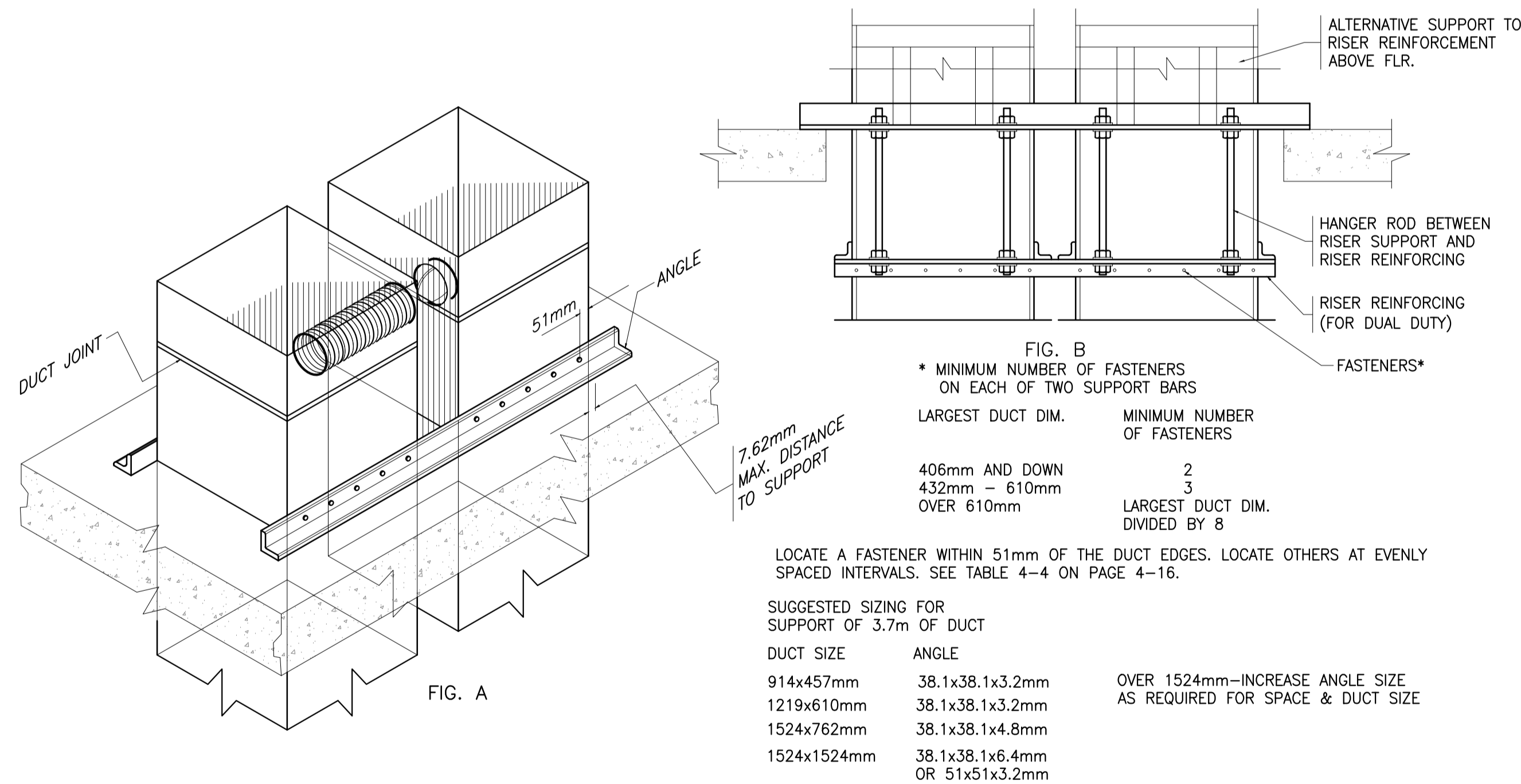


1 DUCT CONSTRUCTION DETAIL
M-07 SCALE NTS

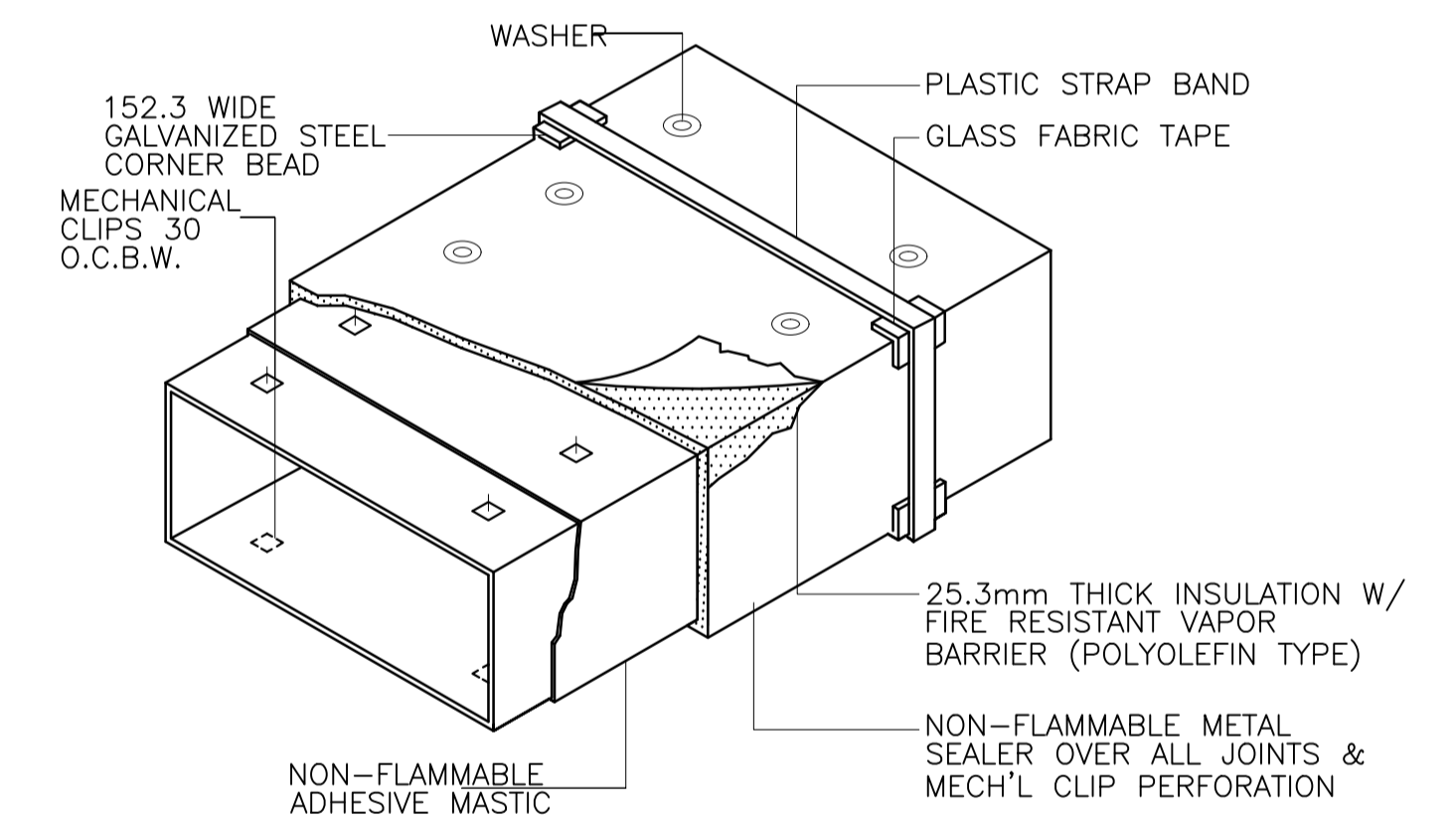


DUCT SIZE mm		ROD & ANGLE	
Ø	⊠	SIZES & CENTRES (METERS)	
0-360	0-760	10 DIA., 25x25x3	∅2.3
380-760	530-1220	10 DIA., 30x30x3	∅1.8
790-1520	1250 & ABOVE	10 DIA., 50x50x6	∅1.8

2 DUCT SUPPORT DETAIL
M-07 SCALE NTS



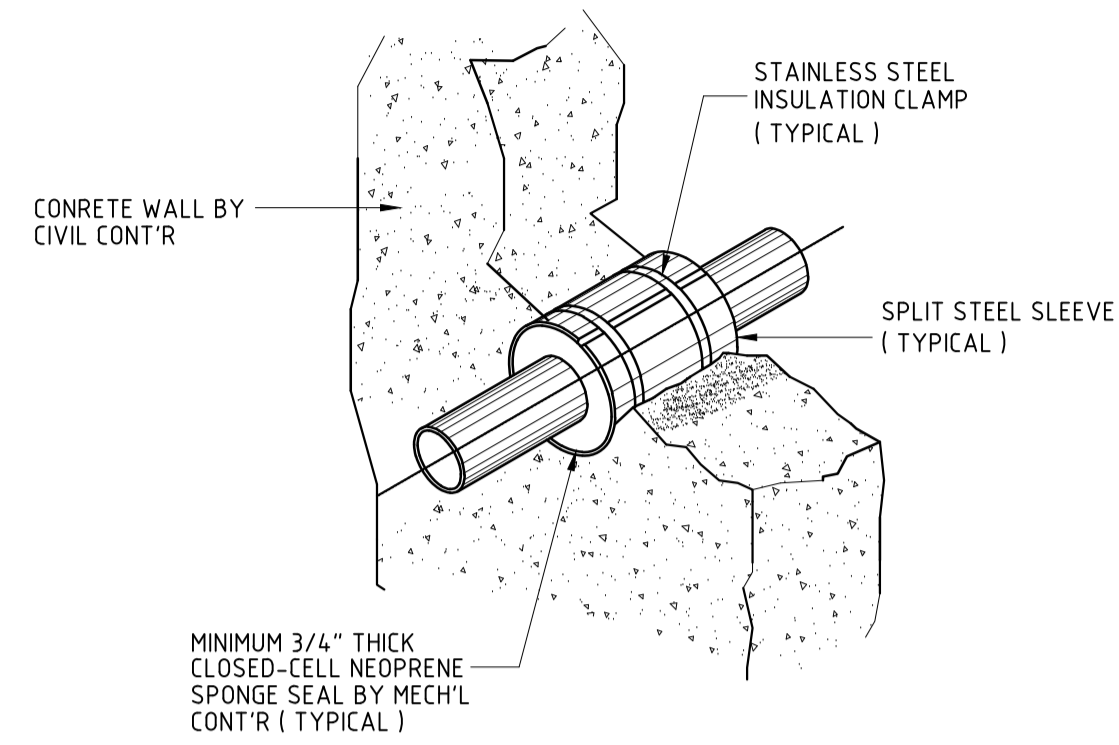
3 DUCT RISER SUPPORT DETAIL
M-07 SCALE NTS



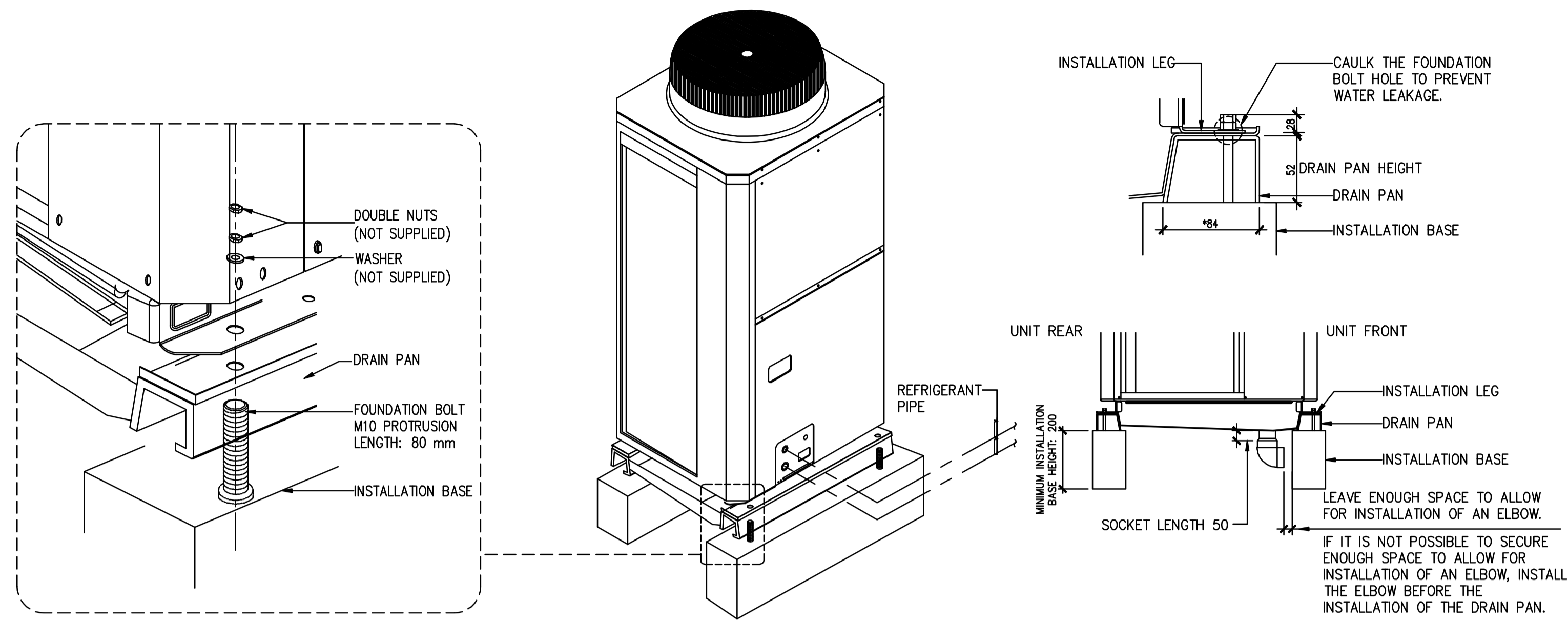
NOTE:
ALL DUCTS AT MACHINE ROOM AND THOSE EXPOSED TO WEATHER SHALL BE COVERED W/ GAGE 26 G.I. SHEET CLADDING.

4 DUCT INSULATION DETAIL
M-07 SCALE NTS

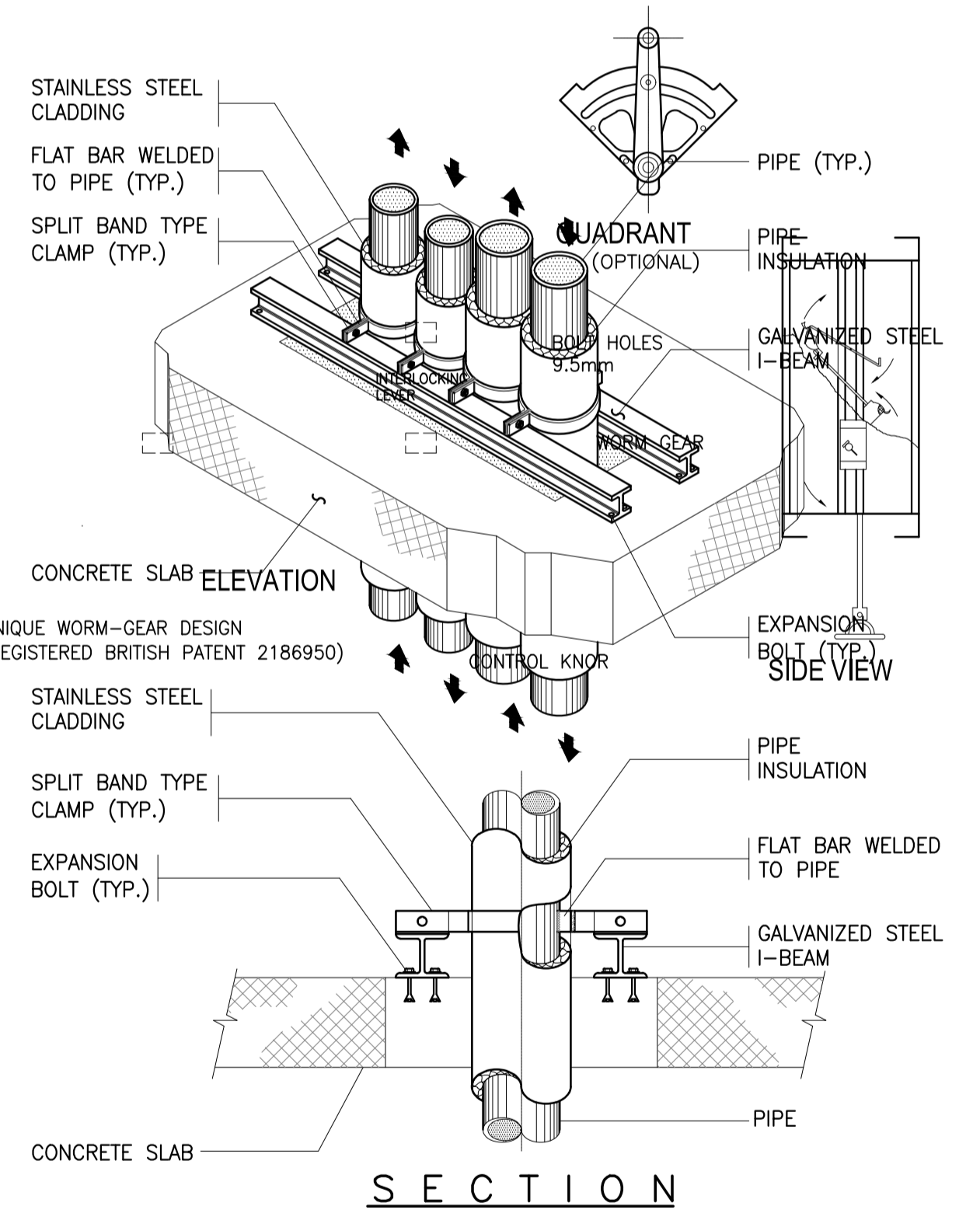
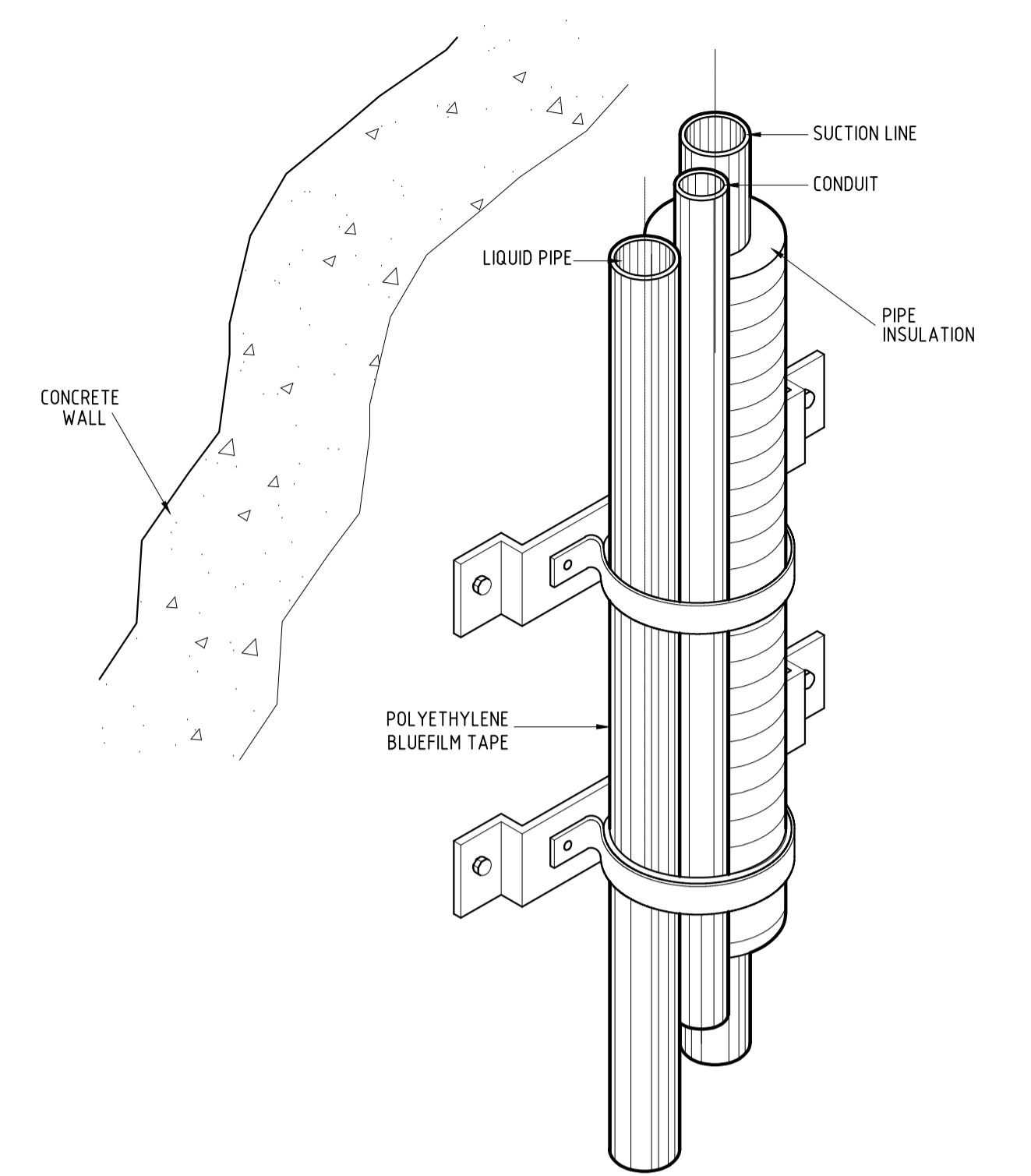
GENERAL NOTES: FOR REFERENCE ONLY, ALL MECHANICAL WORKS ARE EXCLUDED IN PHASE 2



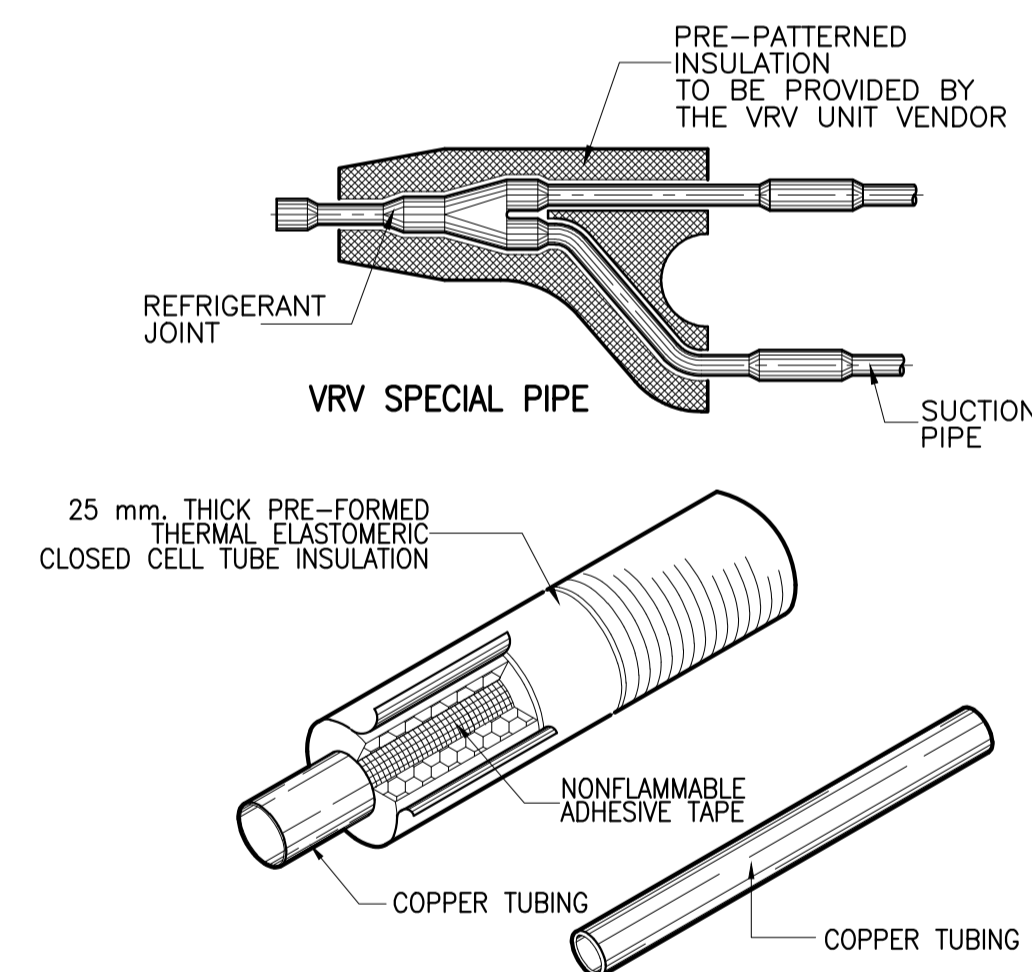
1 PIPE THRU WALL DETAIL
M-08 SCALE NTS



2 VRF OUTDOOR UNIT INSTALLATION DETAIL
M-08 SCALE NTS



4 PIPE SUPPORT DETAIL
M-08 SCALE NTS



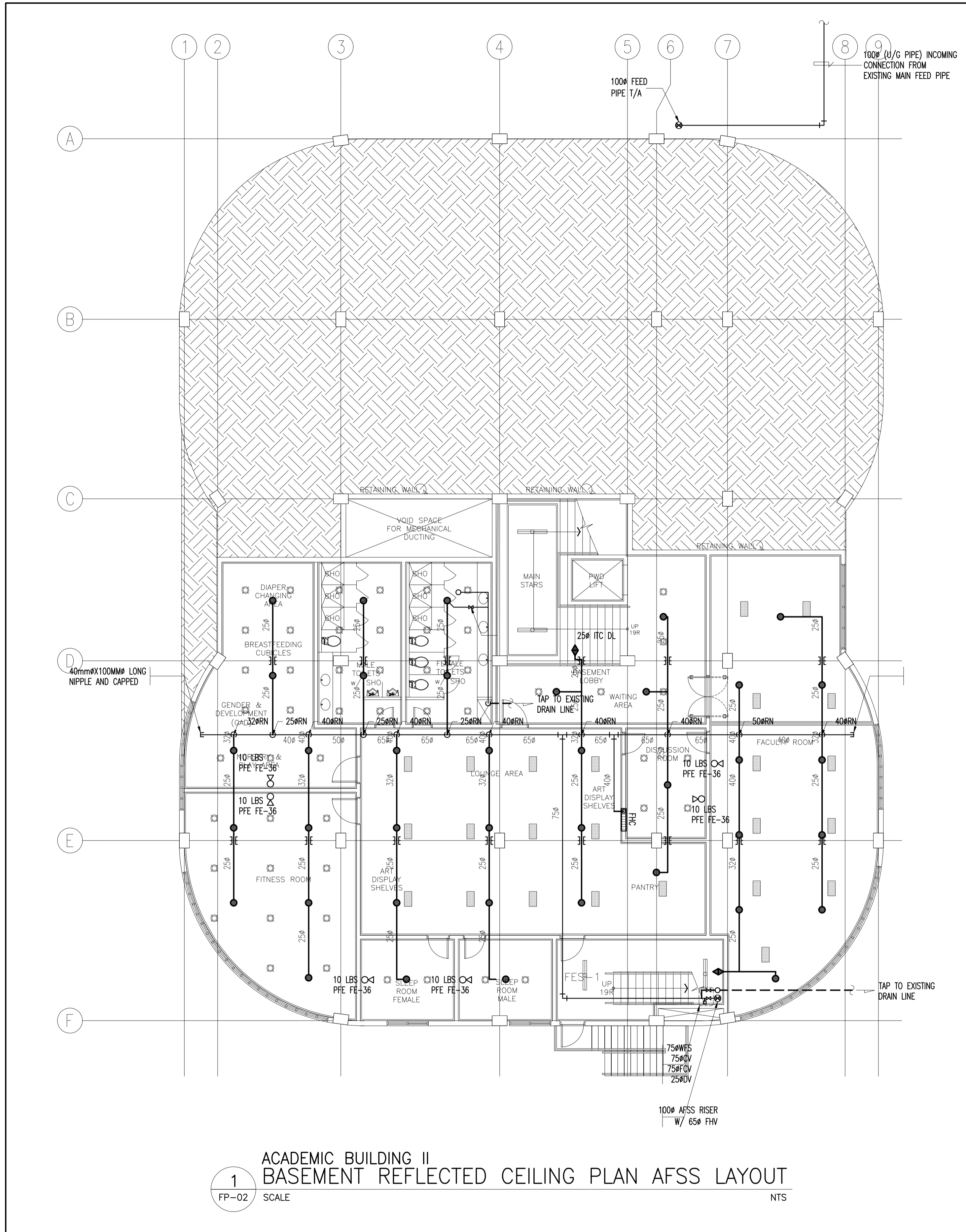
- NOTE:
- CONDENSATE DRAIN PIPE INSULATION SHALL BE OF SIMILAR MATERIAL BUT 19 mm. THICK.
 - PROVIDE ALUMINUM CLADDING FOR OUTDOOR REFRIGERANT PIPING.

5 REFRIGERANT PIPE INSULATION DETAIL
M-08 SCALE NTS

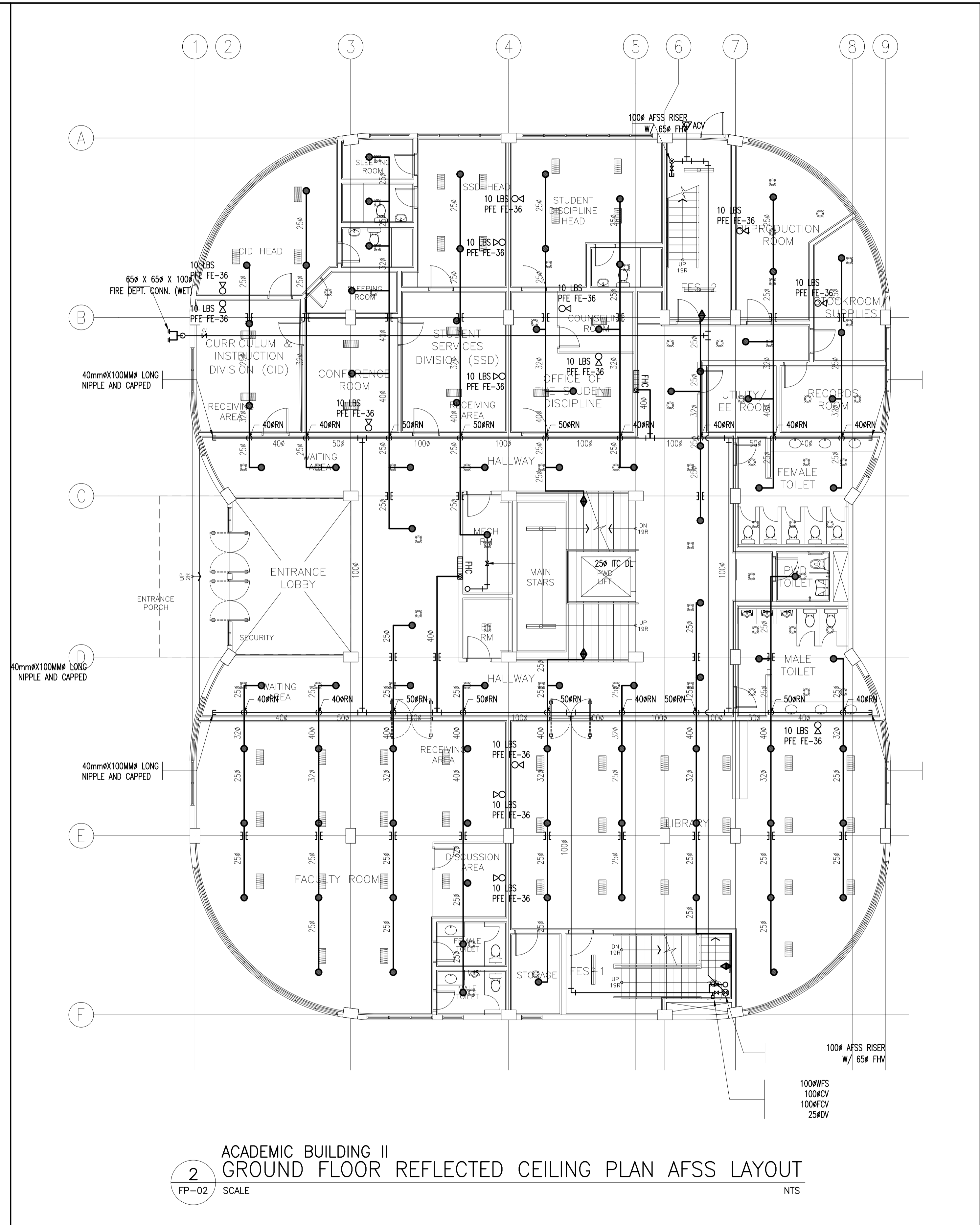
6 PIPE RISER SUPPORT DETAIL
M-08 SCALE NTS

3 PIPE SLEEVES DETAIL
M-08 SCALE NTS

GENERAL NOTES: FOR REFERENCE ONLY, ALL FIRE-PROTECTION WORKS ARE EXCLUDED IN PHASE 2



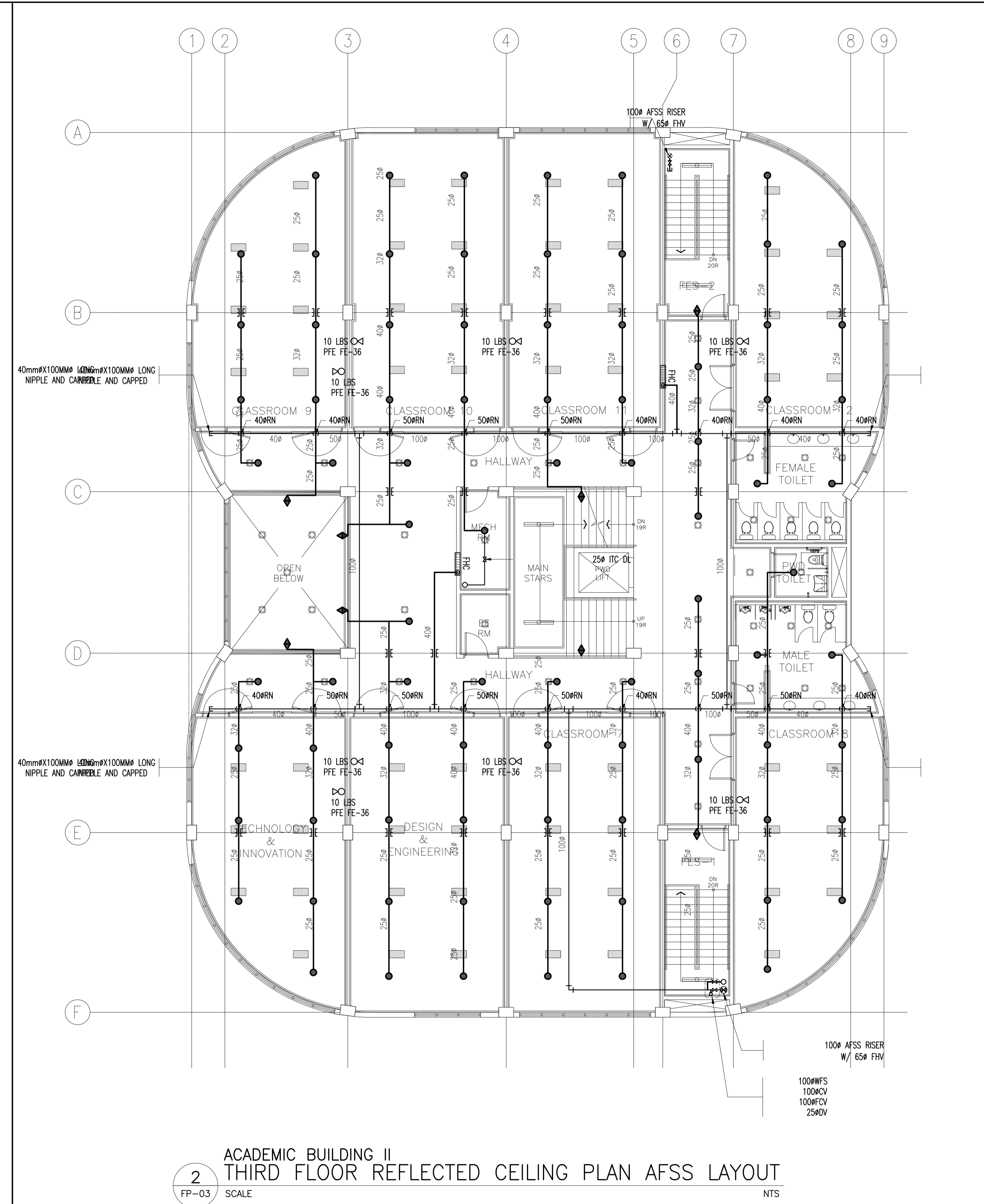
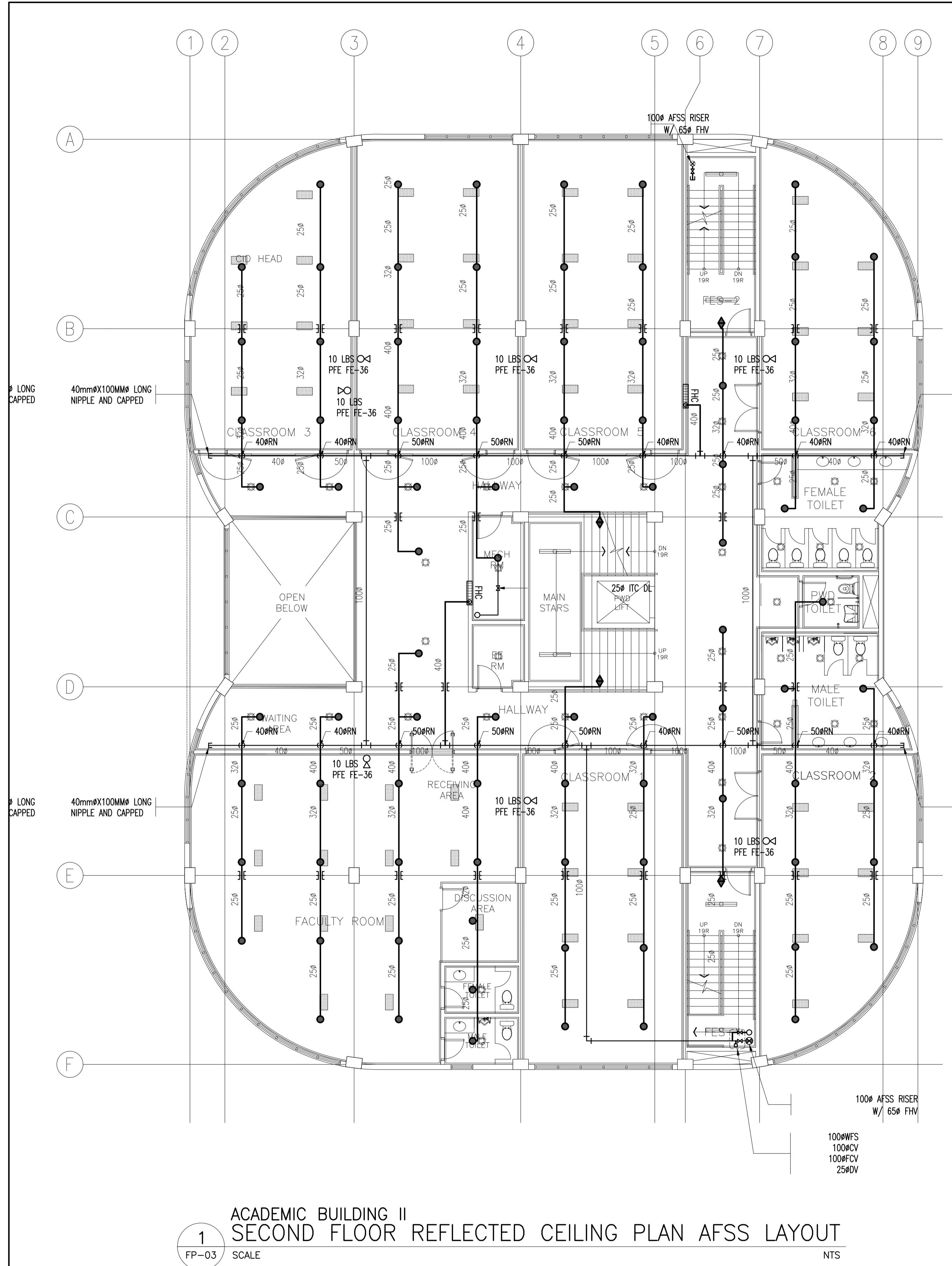
1 ACADEMIC BUILDING II
BASEMENT REFLECTED CEILING PLAN AFSS LAYOUT
FP-02 SCALE NTS



2 ACADEMIC BUILDING II
GROUND FLOOR REFLECTED CEILING PLAN AFSS LAYOUT
FP-02 SCALE NTS

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>DESIGNER: MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER PRC No. 4908 Validity: 06/05/2024 PTR No. 8535022 Date: 01/05/2021 Place: MAKATI CITY TIN: 912-907-486</p>	<p>REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</p>	<p>PROJECT: PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM LOCATION: Brgy. Rizal, Odiangan, Romblon</p>	<p>DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS: BASEMENT REFLECTED CEILING AND GROUND FLOOR REFLECTED CEILING PLAN AFSS LAYOUT</p>	<p>SHEET NO: FP 02 08</p>
	<p>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009, 426 5002-04 FAX NOS: 927 0608, 426 7214</p>							

GENERAL NOTES: FOR REFERENCE ONLY, ALL FIRE-PROTECTION WORKS ARE EXCLUDED IN PHASE 2



ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONKA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 9024
FAX NOS: 927 0608;
426 7214

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS


DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER

PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II /
MULTI-PURPOSE GYMNASIUM**

LOCATION: Brgy. Rizal, Odiangan, Romblon

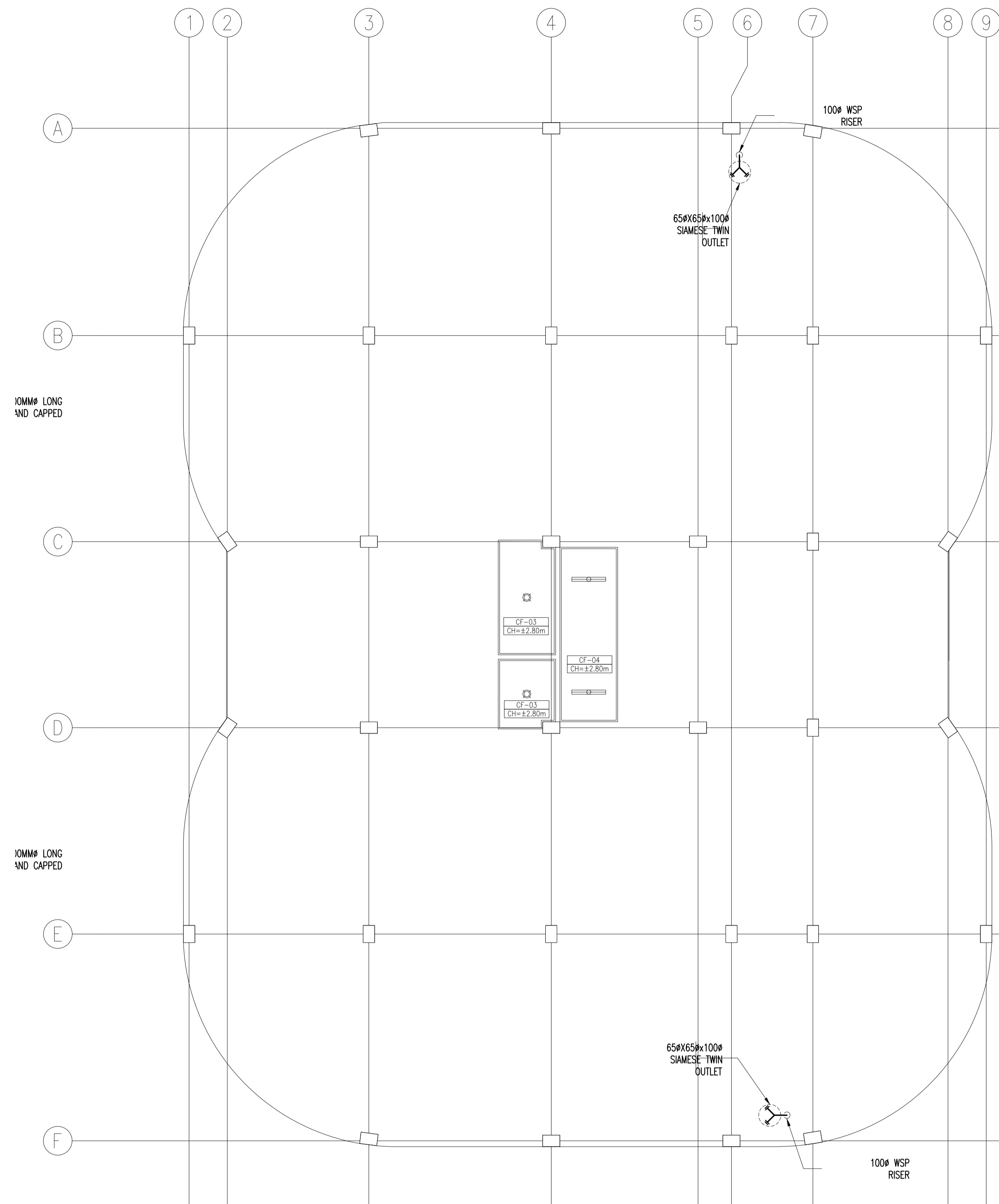
DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
SECOND FLOOR REFLECTED CEILING PLAN AND
THIRD FLOOR REFLECTED CEILING PLAN
AFSS LAYOUT

SHEET NO:
**FP
03 08**



1
FP-04
SCALE

ACADEMIC BUILDING II
ROOF DECK REFLECTED CEILING PLAN AFSS LAYOUT

NTS

ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

IN JOINT VENTURE WITH

ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONGA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

DESIGNER:	
MELITON A. NAGUE PROFESSIONAL MECHANICAL ENGINEER	
PTR No. 4908	Validity: 06/05/2024
PTR No. 8535022	Date: 01/05/2021
Place: MAKATI CITY	TIN: 912-907-486

REPUBLIC ACT 9266

DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
LOCATION:	Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

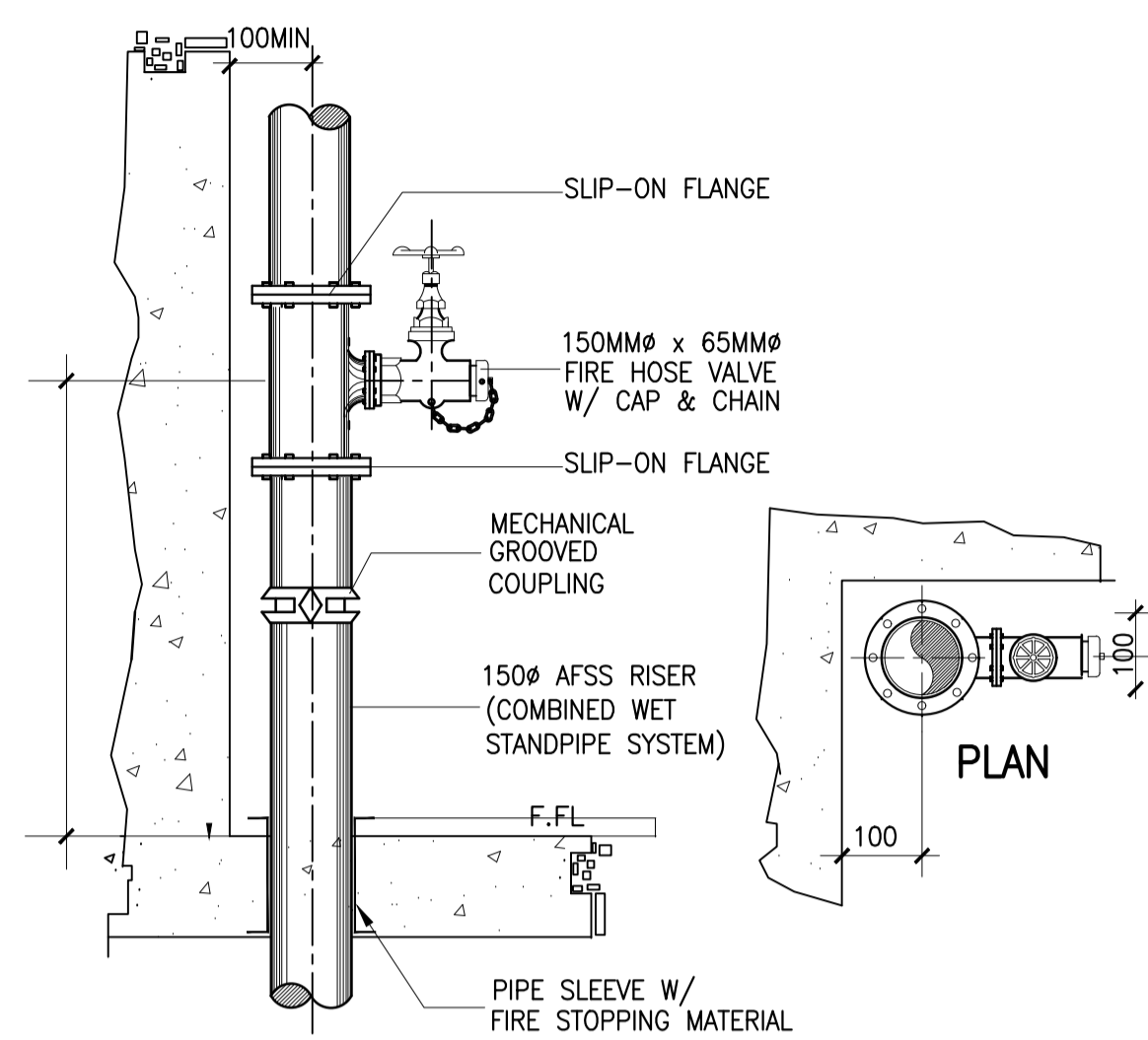
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
------------------------	--------------------------------------

APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
--------------	---

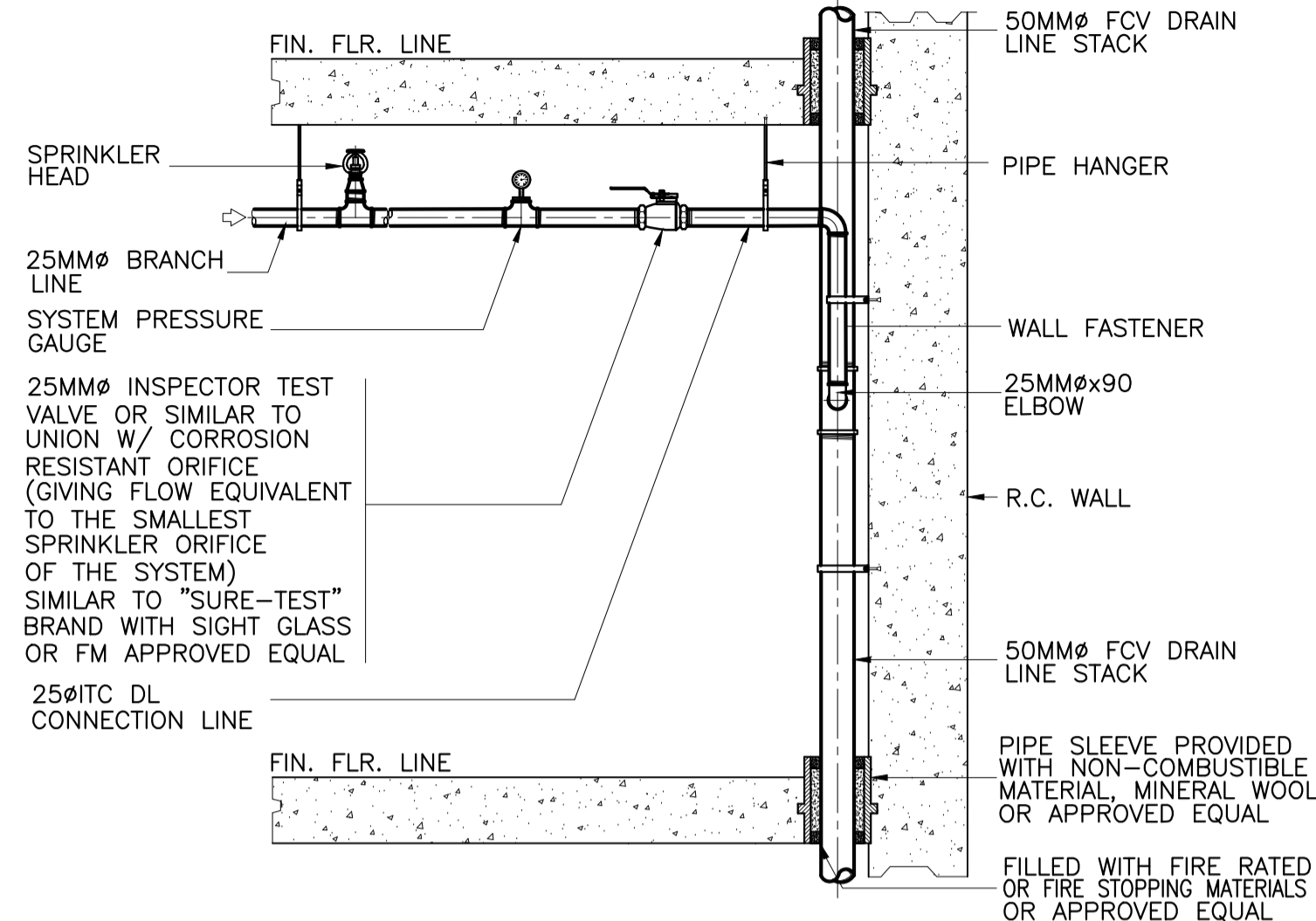
SHEET CONTENTS:	ROOF DECK REFLECTED CEILING PLAN AFSS LAYOUT
-----------------	---

SHEET NO:

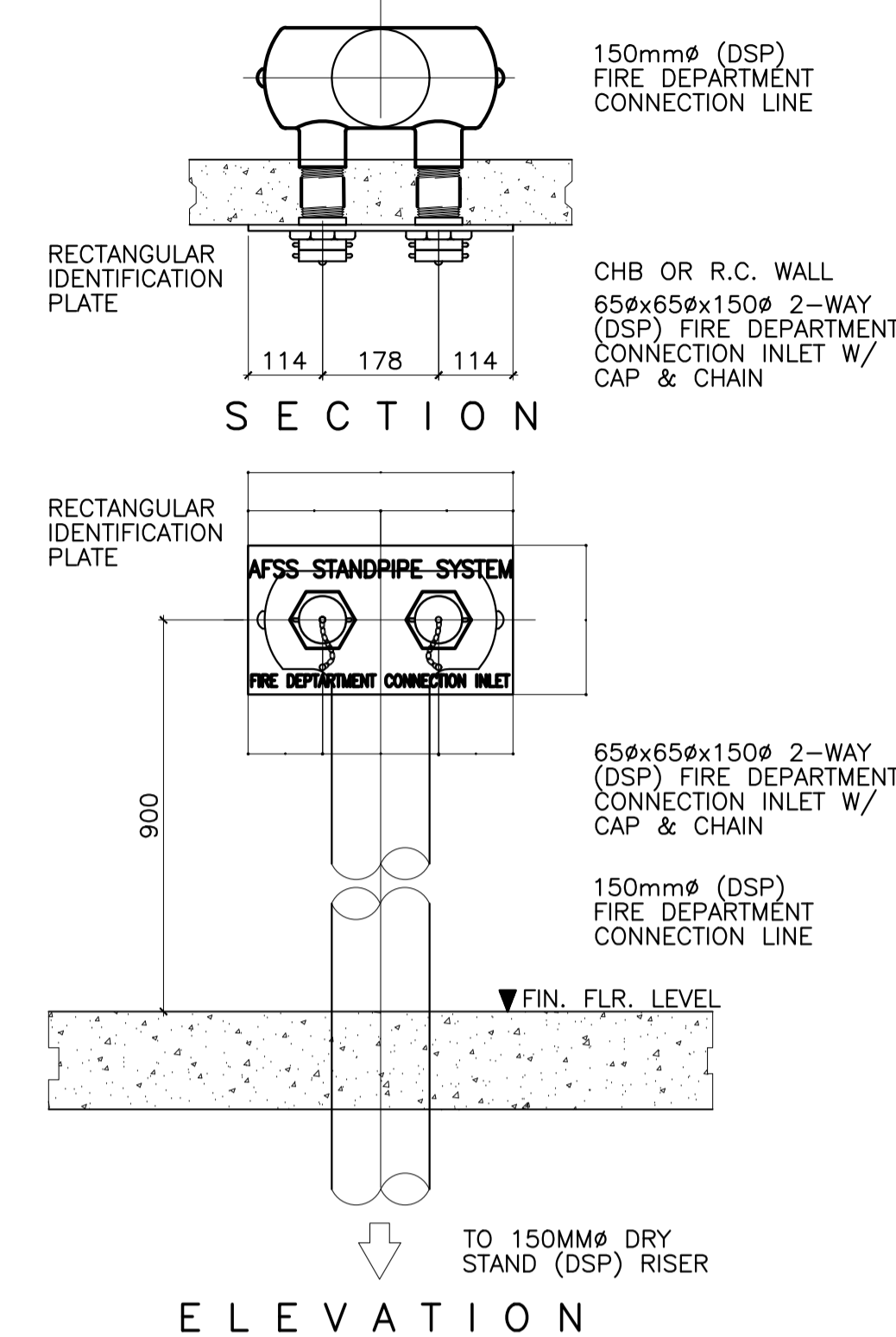
FP
04 08



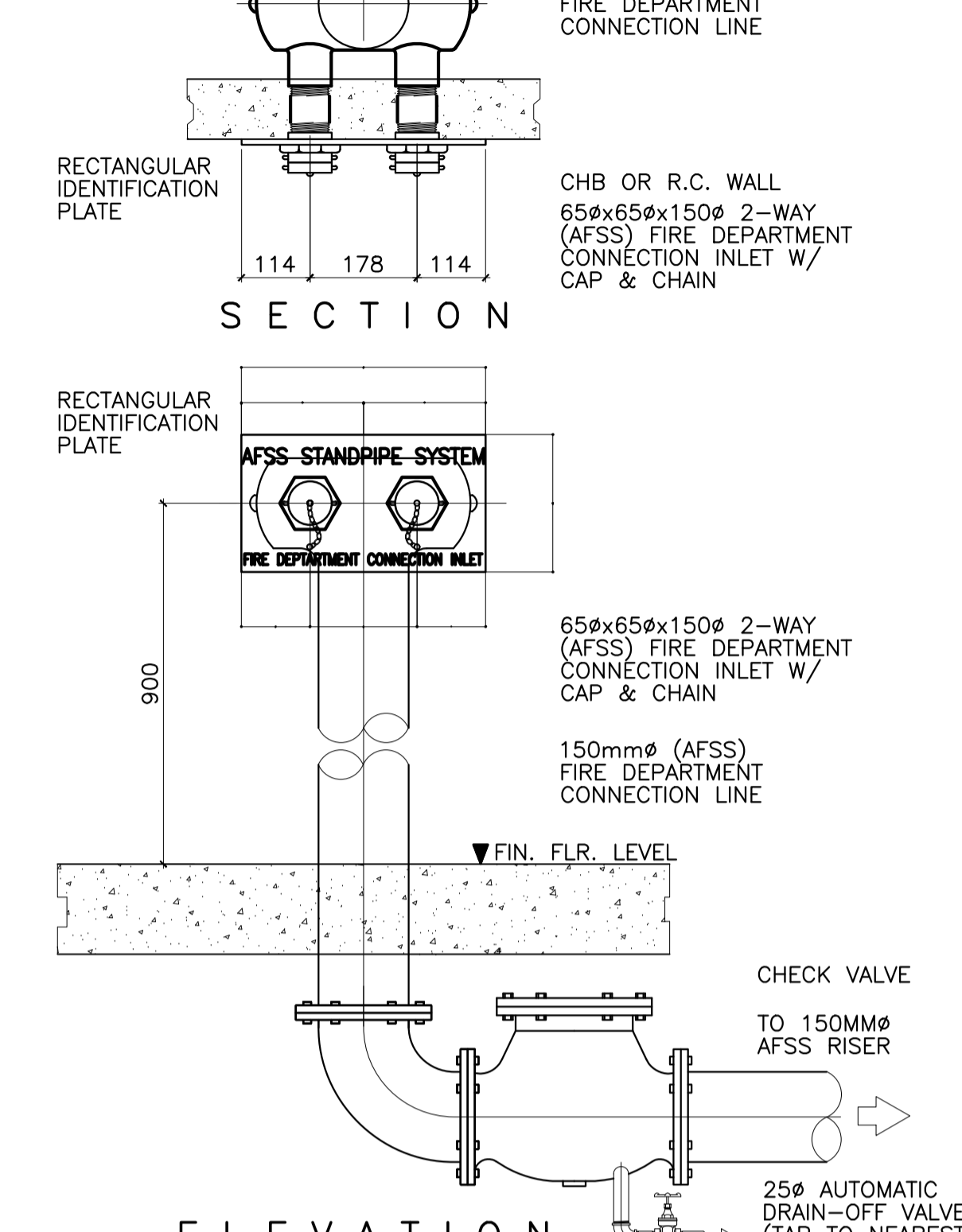
1 DETAILS OF FIRE HOSE VALVE
FP-05 NOT TO SCALE



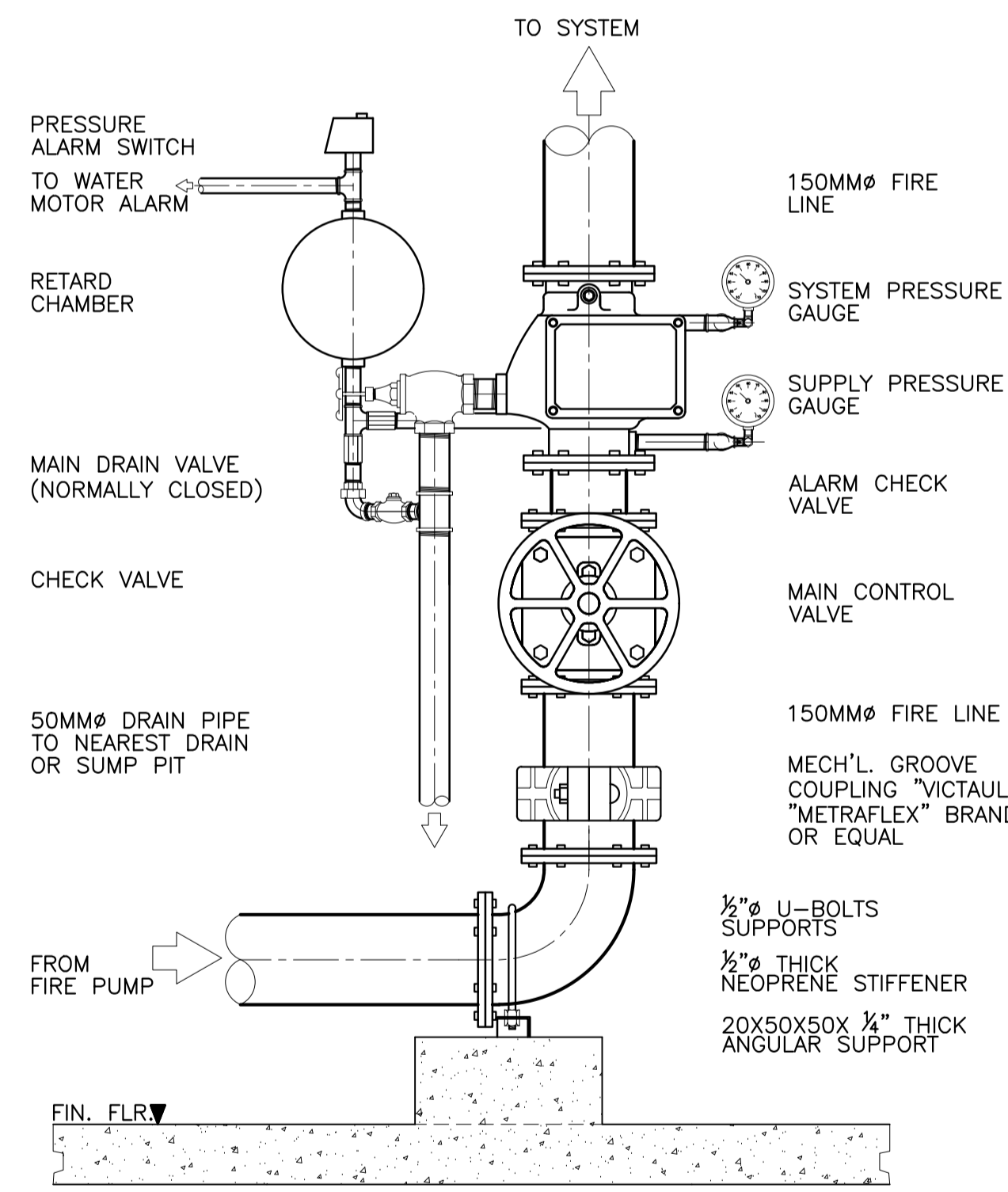
2 DETAIL OF INSPECTOR TEST CONNECTION
FP-05 NOT TO SCALE



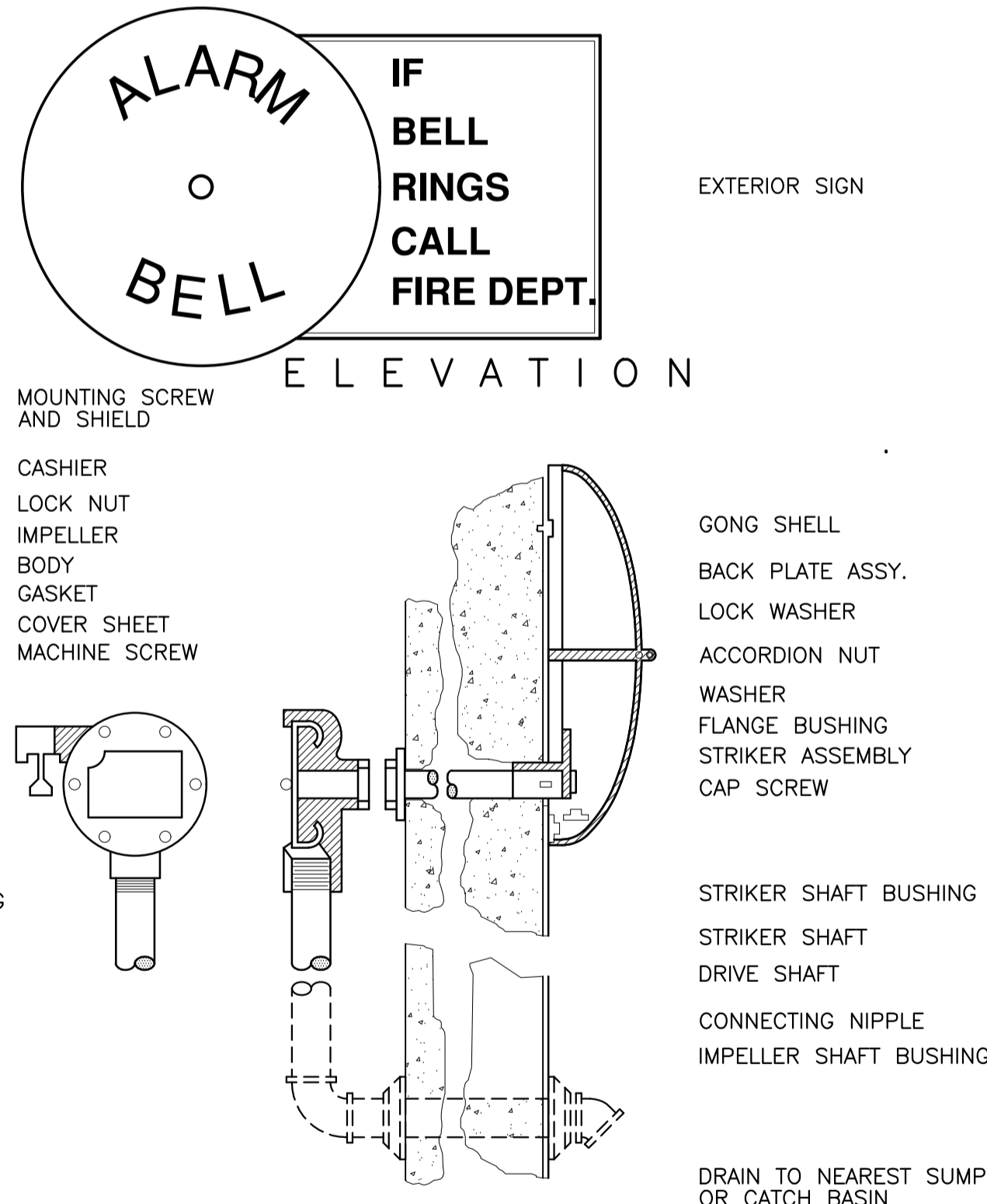
3 DETAIL OF DSP FIRE DEPT. INLET
FP-05 SCALE 1:10 MTS.



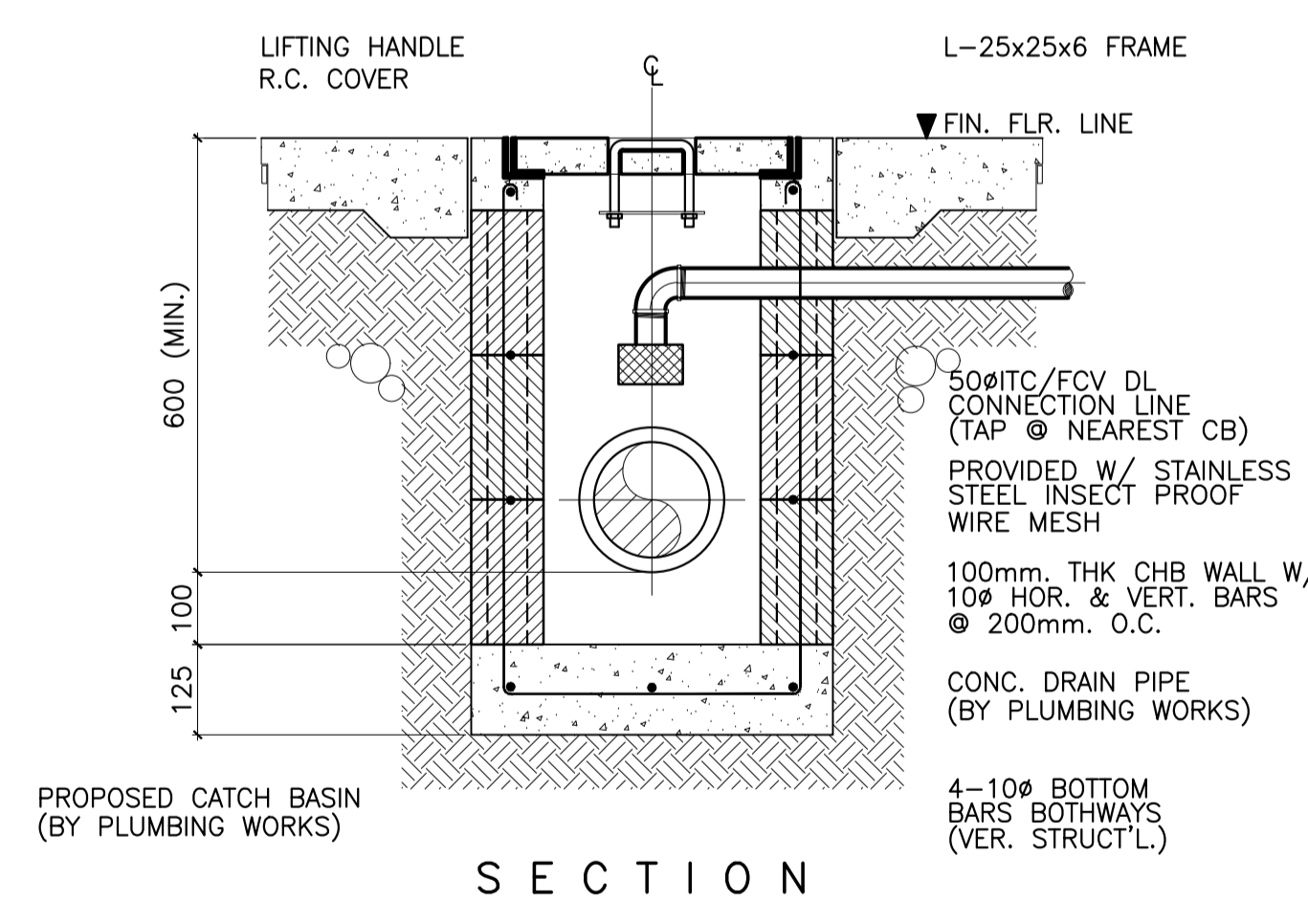
4 DETAIL OF AFSS FIRE DEPT. INLET
FP-05 SCALE 1:10 MTS.



5 DETAIL OF ALARM CHECK VALVE ASSEMBLY (WET TYPE)
FP-05 SCALE 1:10 MTS.



6 DETAIL OF ALARM MOTOR GONG
FP-05 NOT TO SCALE



7 DETAIL OF FCV/ITC DL CONNECTION TAP TO CATCH BASIN
FP-05 SCALE 1:10 MTS.

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER
PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

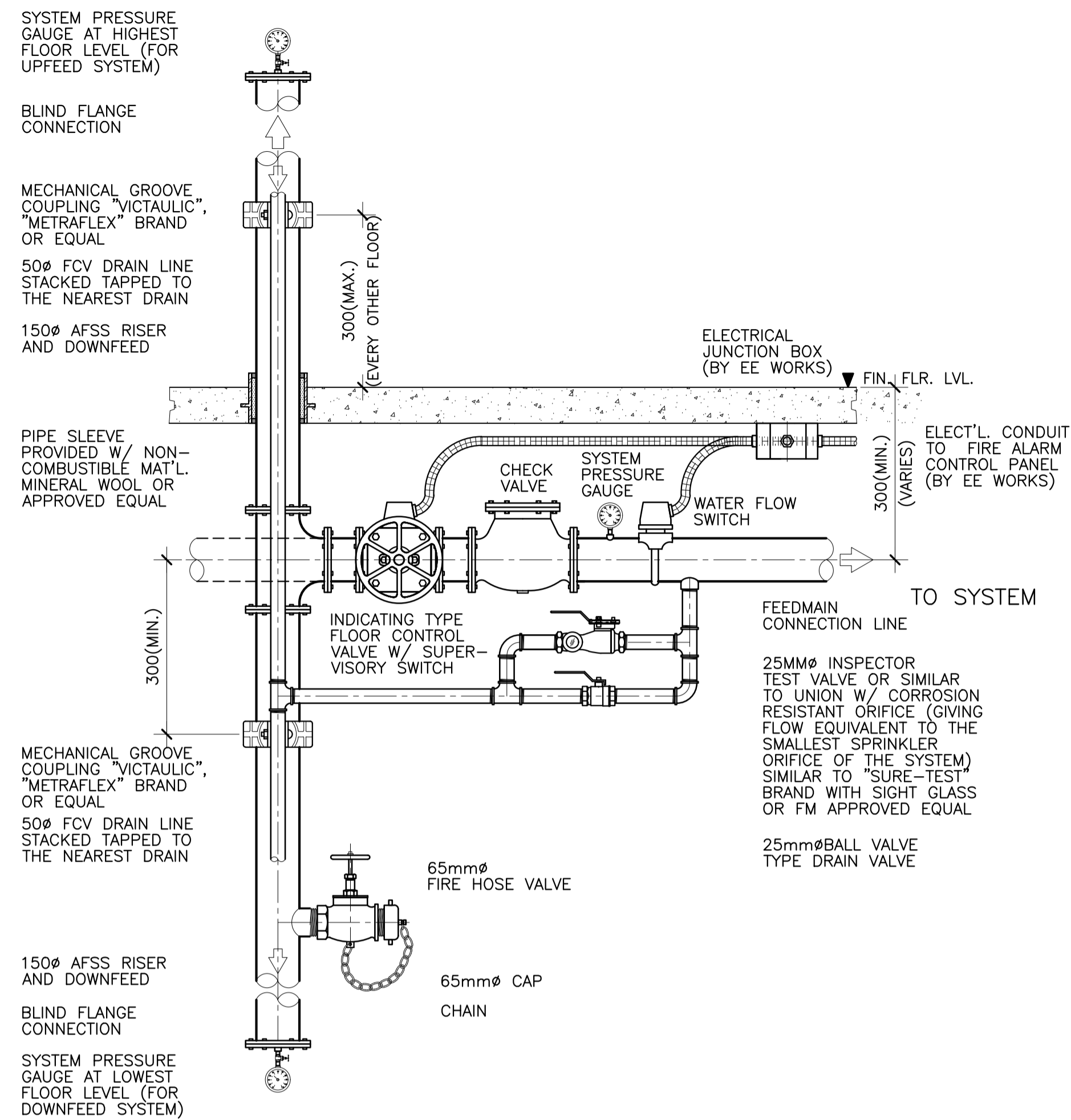
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
MISCELLANEOUS DETAILS SHEET 1 OF 4

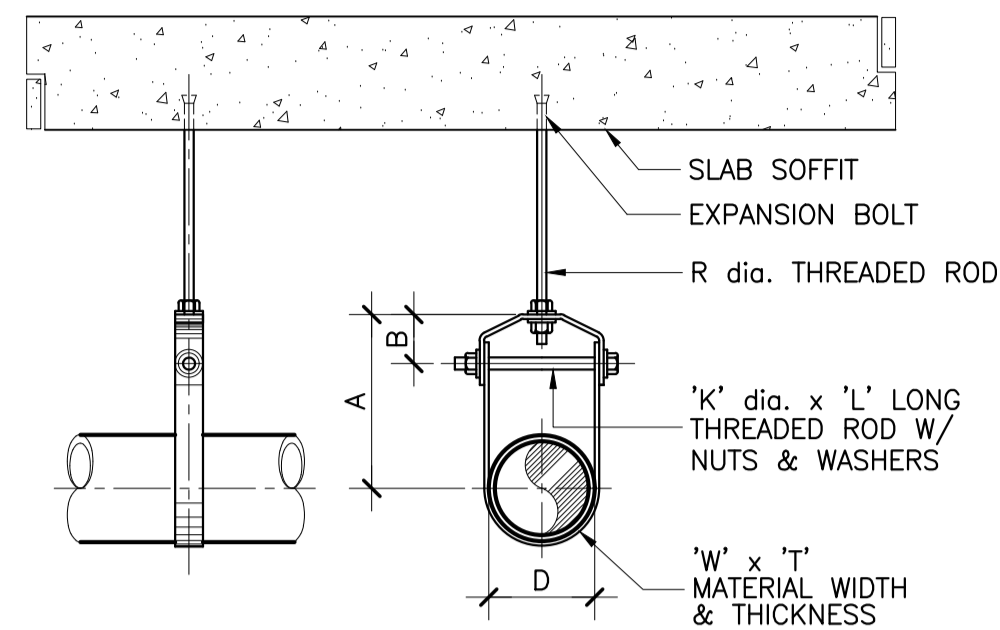
SHEET NO:
FP 05 08

GENERAL NOTES: FOR REFERENCE ONLY, ALL FIRE-PROTECTION WORKS ARE EXCLUDED IN PHASE 2



1 DETAIL OF SUPERVISORY FLOOR CONTROL VALVE ASSEMBLY (COMBINED SYSTEM)

FP-06 SCALE 1:15 MTS.

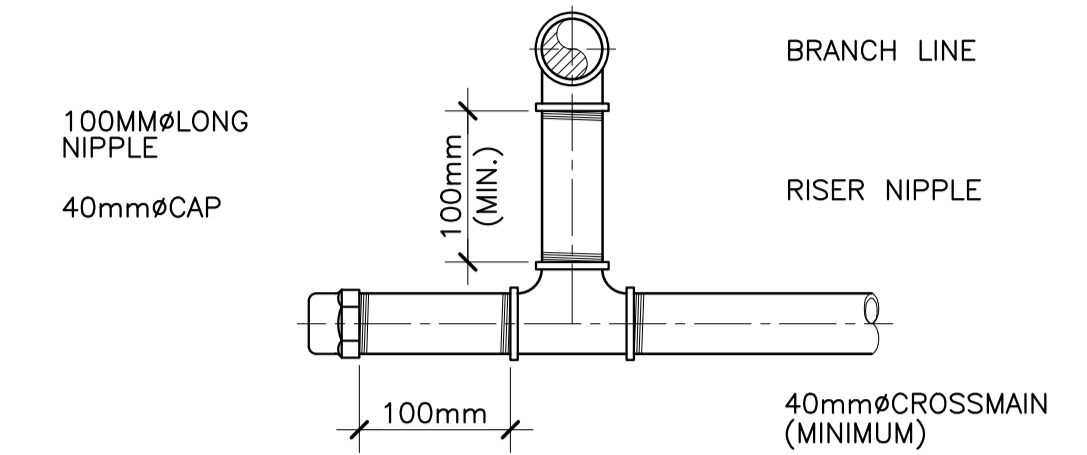


3 DETAIL OF PIPE HANGER

FP-06 SCALE 1:10 MTS.

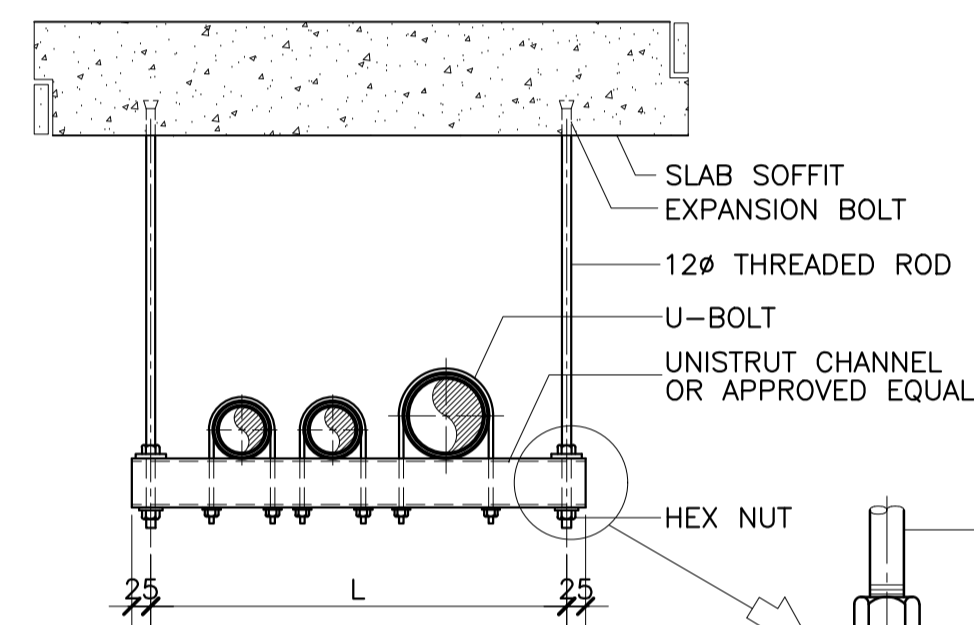
STANDARD CLEVIS HANGERS TABLE OF DIMENSIONS

D	A	B	R	W x T	K x L
34	80	45	12	25 x 3	M10 x 70
43	90	50	12	25 x 3	M10 x 80
48	95	50	12	25 x 3	M10 x 85
60	105	55	12	25 x 3	M10 x 100
76	115	60	14	40 x 6	M12 x 115
89	125	60	14	40 x 6	M12 x 130
114	145	65	18	40 x 6	M16 x 160
140	165	75	18	40 x 6	M16 x 190
165	185	80	18	40 x 6	M16 x 210



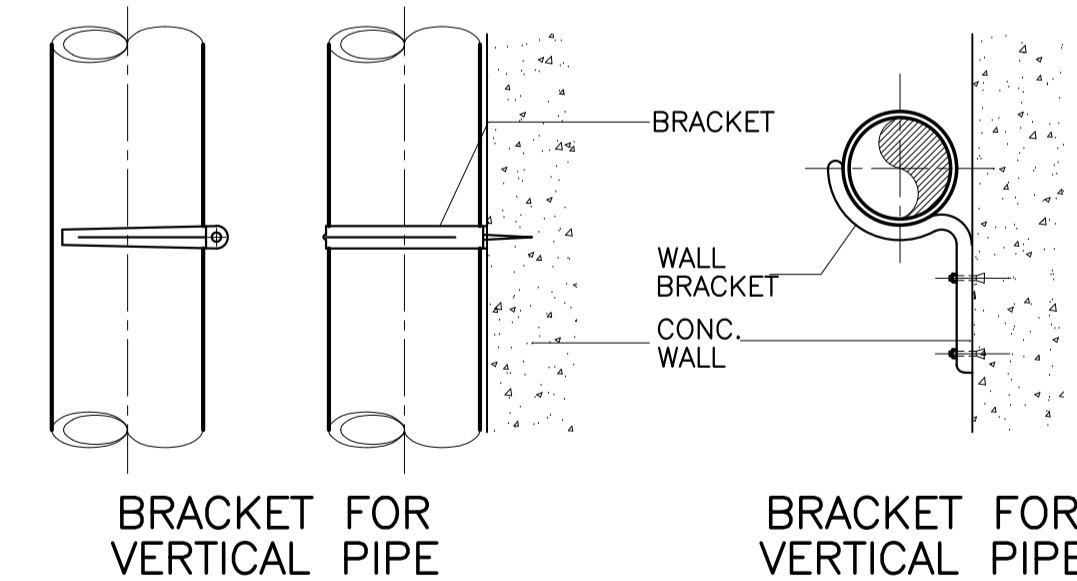
4 DETAIL OF FLUSHING CONNECTION

FP-06 SCALE 1:5 MTS.



STANDARD TRAPEZE HANGERS TABLE OF DIMENSIONS

PART NO.	L	LOAD CAPACITY	CHANNEL
P2700	300	3.20 kN	P4000
P2701	450	2.00 kN	P4000
P2702	600	1.45 kN	P4000
P2703	600	4.23 kN	P2000
P2704	750	3.34 kN	P2000
P2705	900	3.50 kN	P1000
P2705	1000	3.25 kN	P1000



5 DETAIL OF PIPE HANGERS, CLAMPS & BRACKETS

FP-06 SCALE 1:10 MTS.

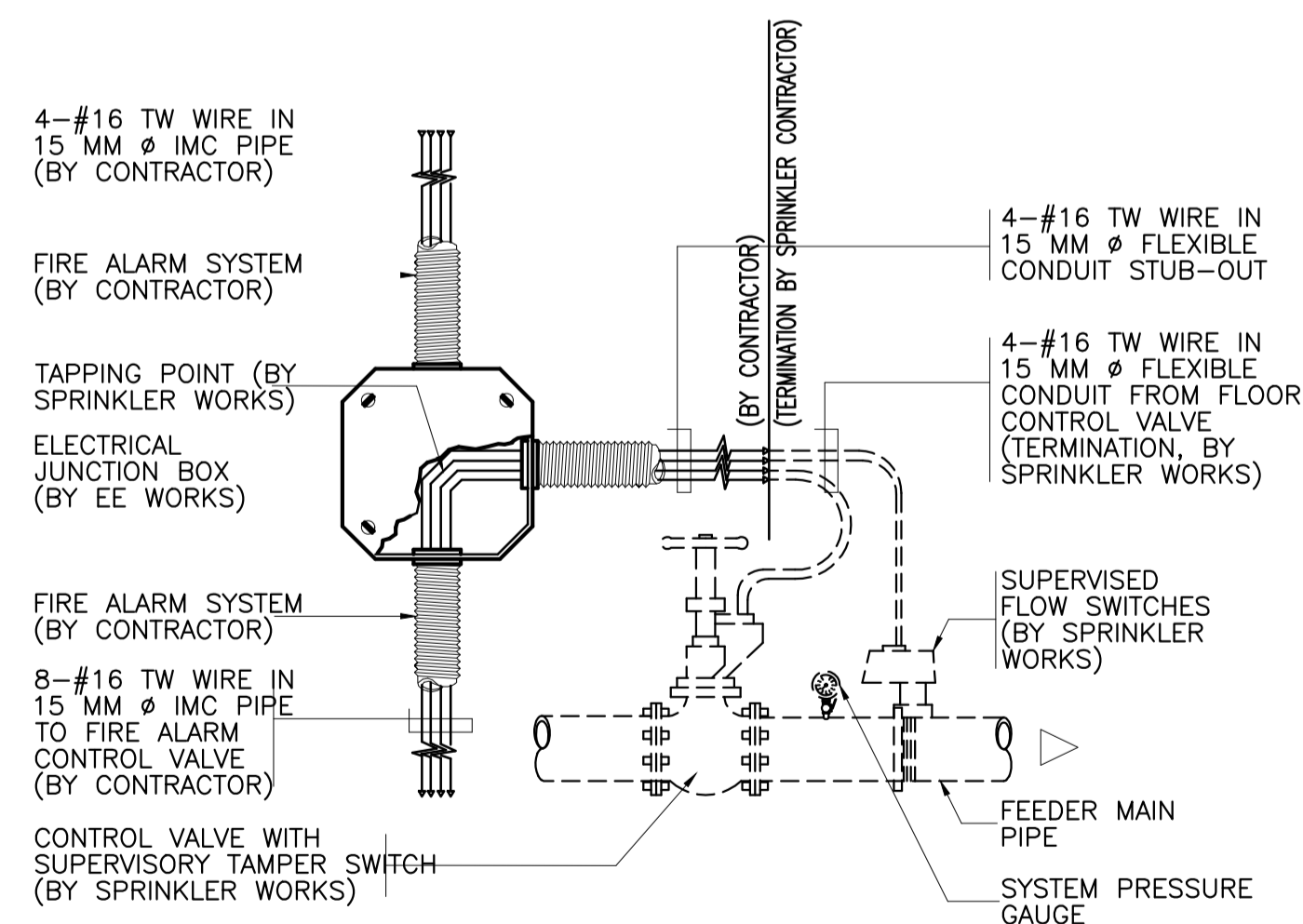
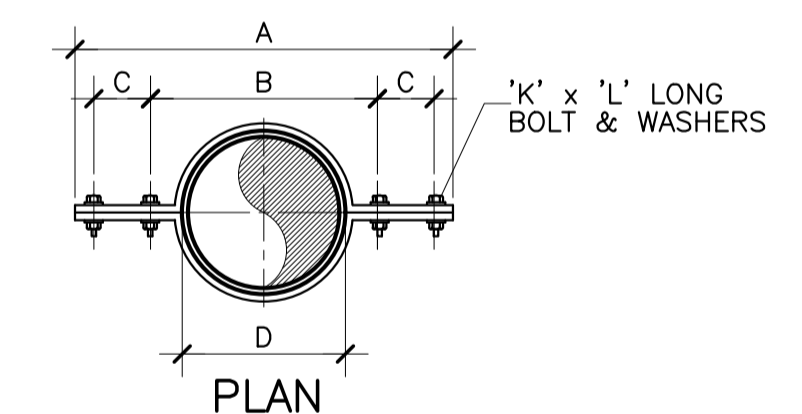
STANDARD CLEVIS HANGERS TABLE OF DIMENSIONS

D	A	B	R	W x T	K x L
34	80	45	12	25 x 3	M10 x 70
43	90	50	12	25 x 3	M10 x 80
48	95	50	12	25 x 3	M10 x 85
60	105	55	12	25 x 3	M10 x 100
76	115	60	14	40 x 6	M12 x 115
89	125	60	14	40 x 6	M12 x 130
114	145	65	18	40 x 6	M16 x 160
140	165	75	18	40 x 6	M16 x 190
165	185	80	18	40 x 6	M16 x 210

STANDARD VERTICAL CLAMP TABLE OF DIMENSIONS

D	A	B	C	W x T	K x L
60	250	114	48	40 x 6	M12 x 40
76	266	130	48	50 x 6	M12 x 40
114	304	168	48	50 x 6	M12 x 40
165	468	254	75	75 x 10	M16 x 60
219	519	305	75	75 x 10	M16 x 60
273	573	359	75	75 x 10	M16 x 60
324	624	410	75	75 x 10	M16 x 60

FITTINGS FOR BEND PIPE/ HORIZONTAL PIPE



2 SPOT DETAIL

FP-06 NOT TO SCALE

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORONIA HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7000;
426 9000-04
FAX: 426 7214

DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER
PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM
LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

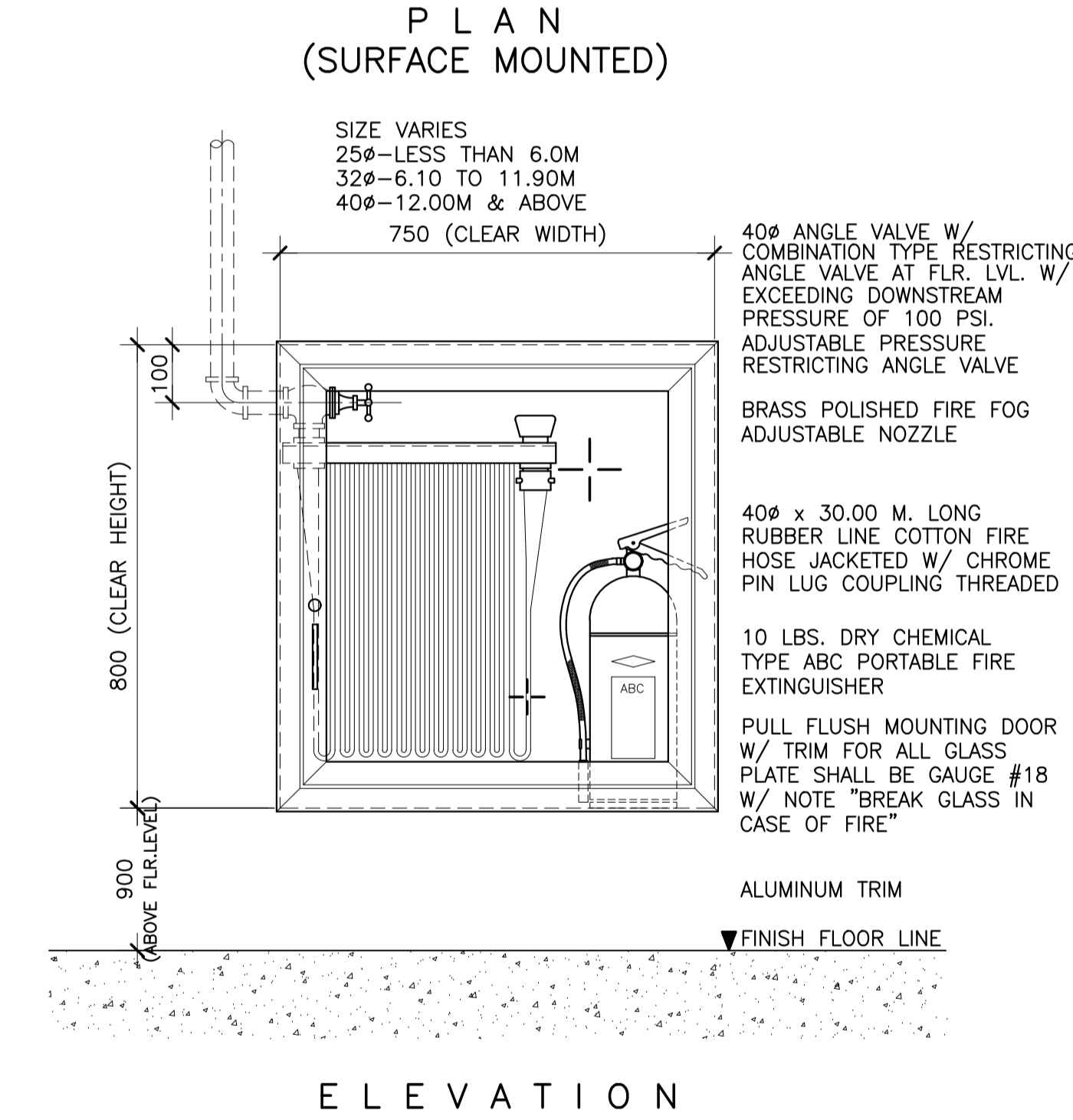
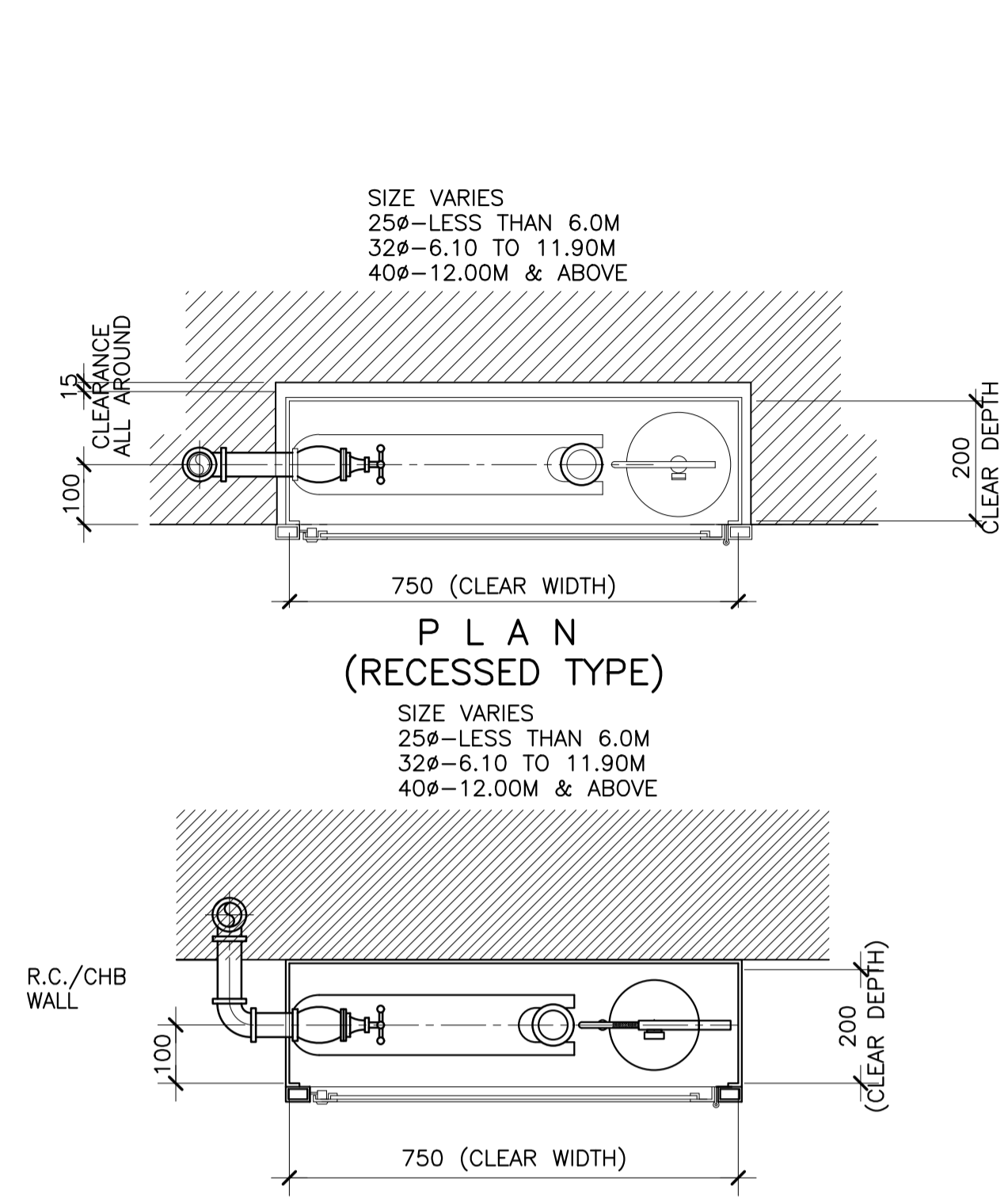
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

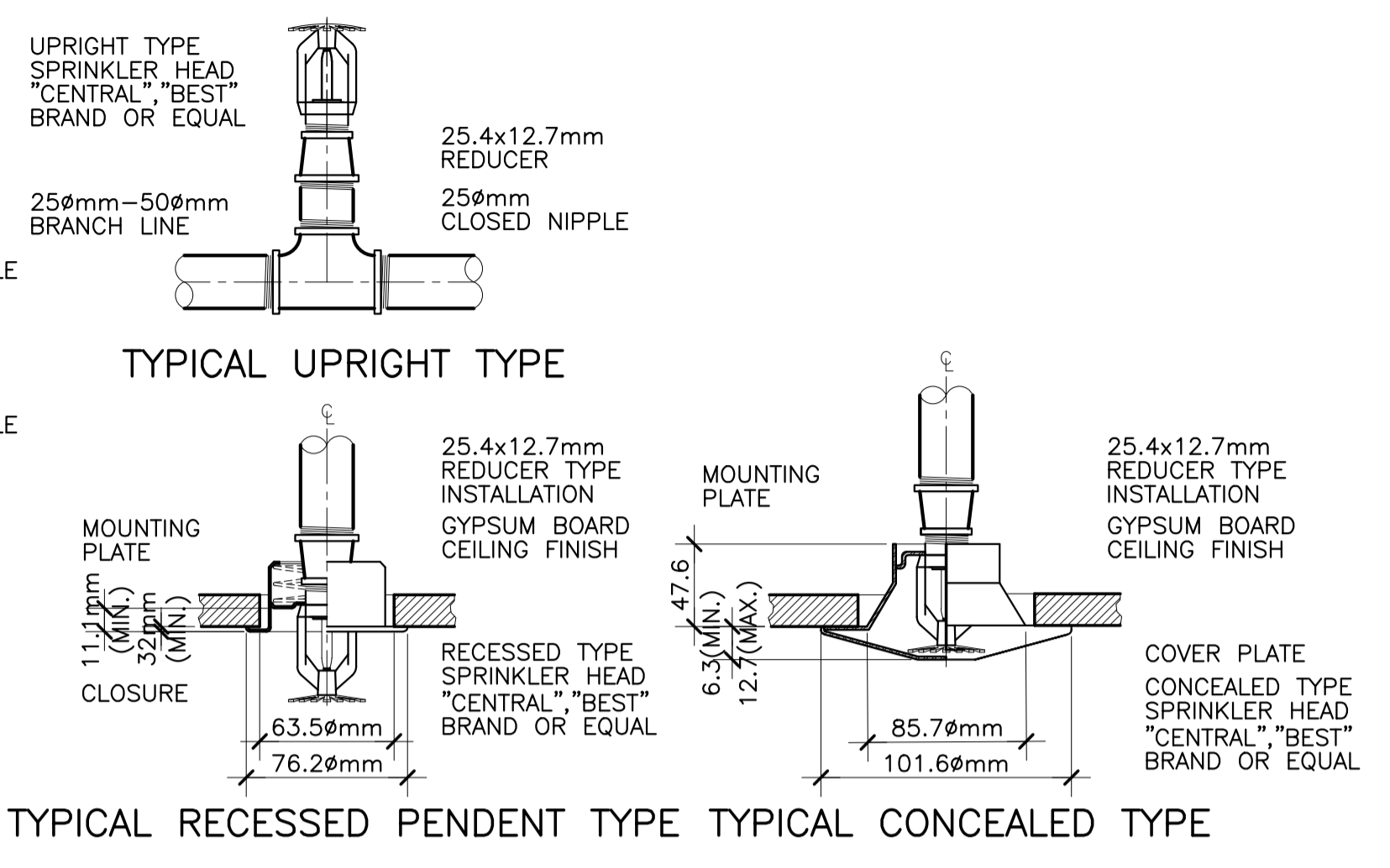
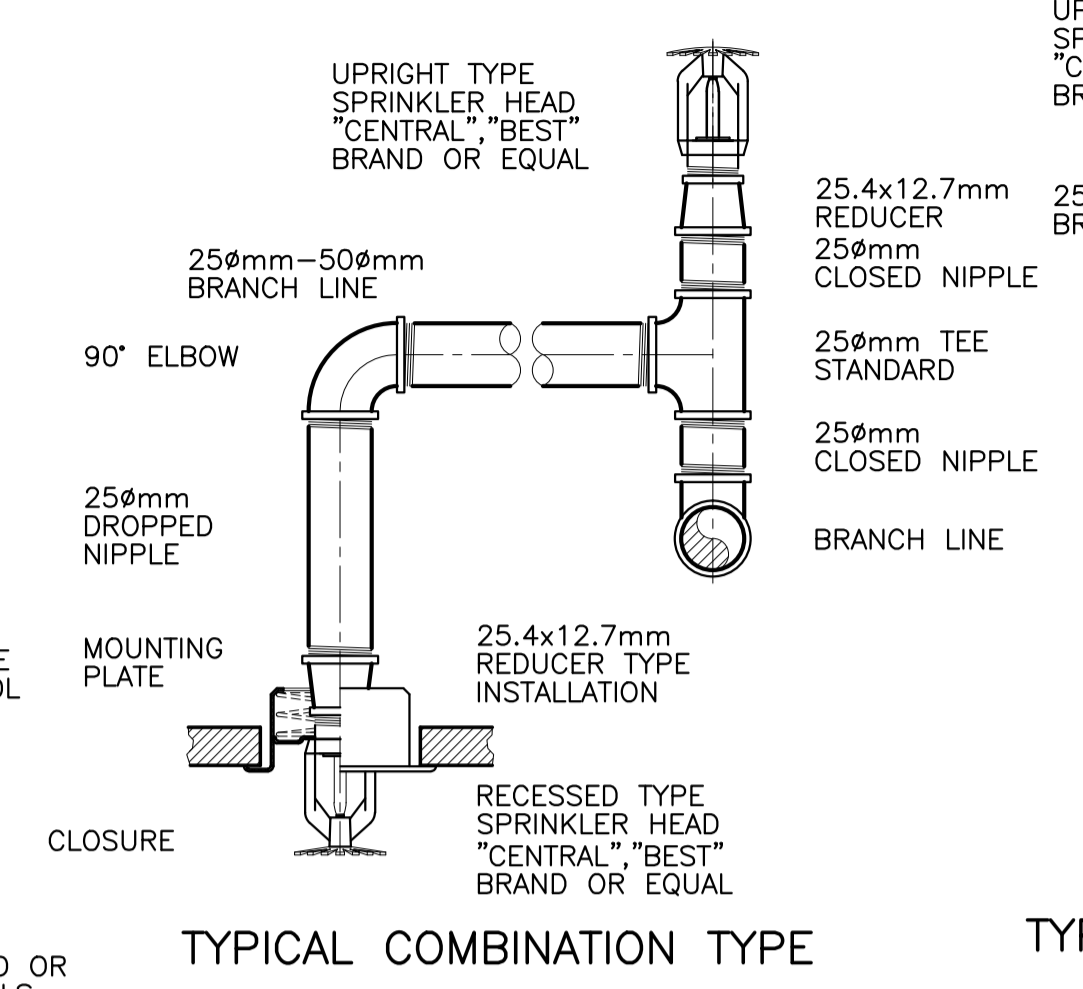
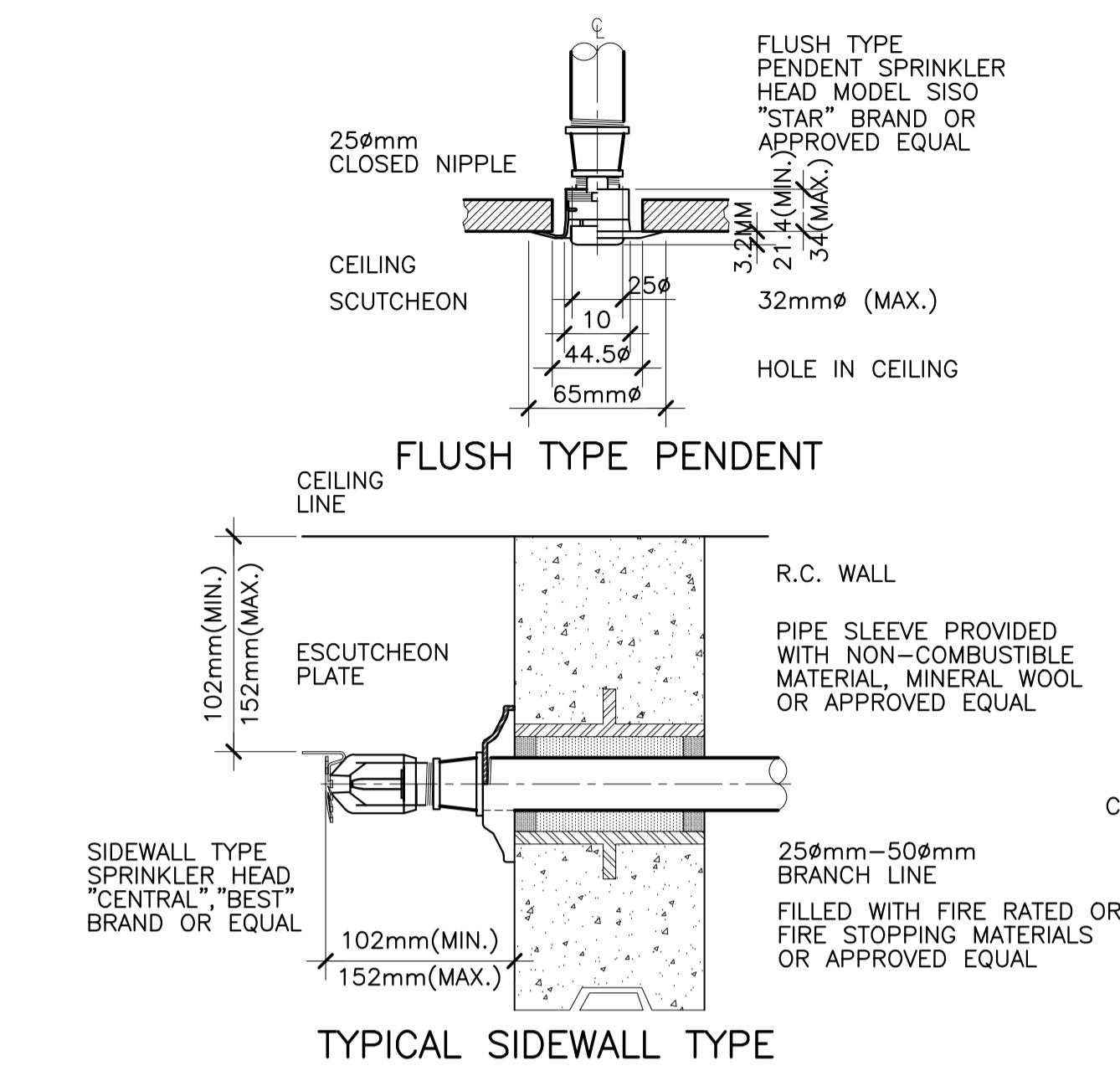
SHEET CONTENTS:
MISCELLANEOUS DETAILS
SHEET 2 OF 4

SHEET NO:
FP 06 08

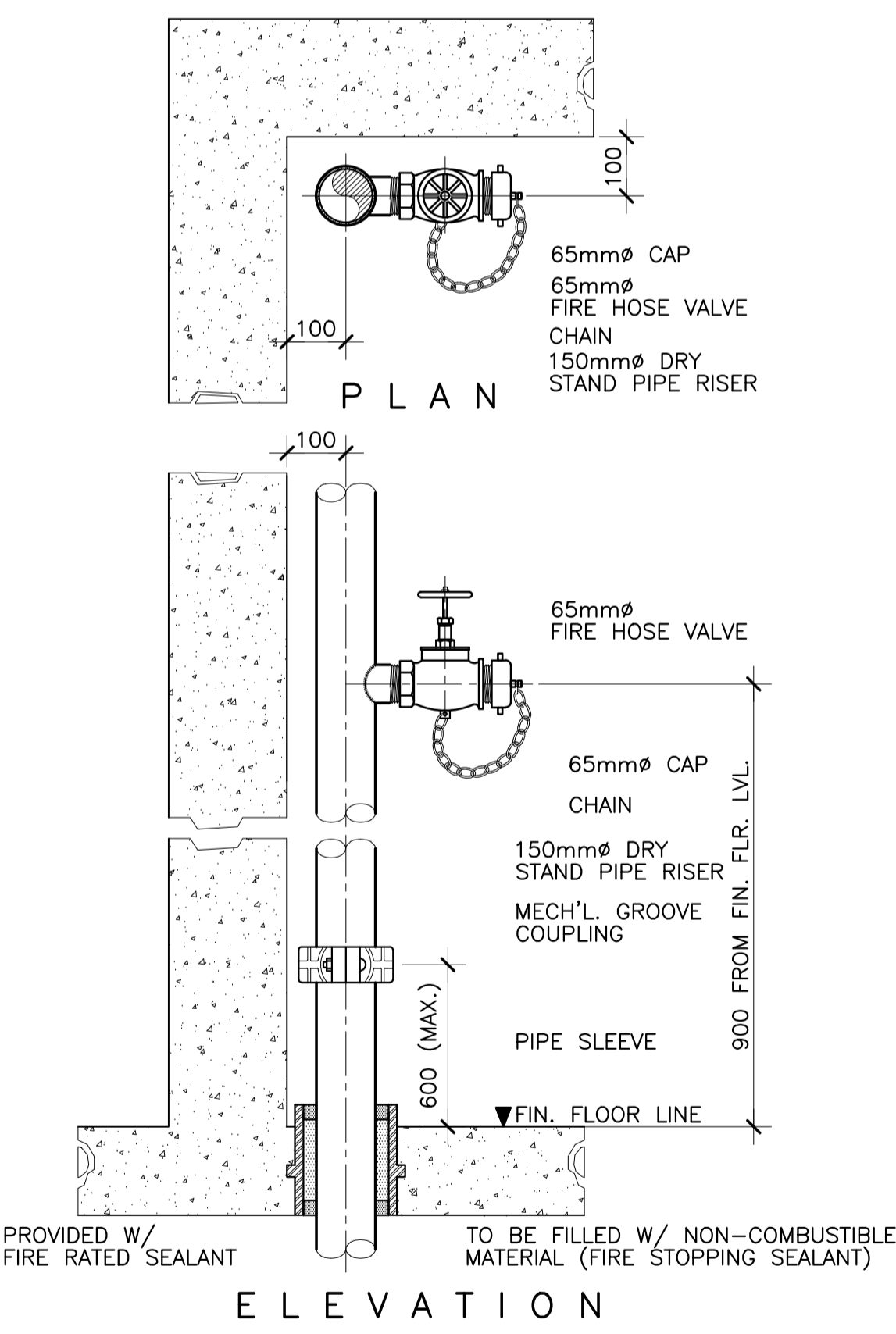
GENERAL NOTES: FOR REFERENCE ONLY, ALL FIRE-PROTECTION WORKS ARE EXCLUDED IN PHASE 2



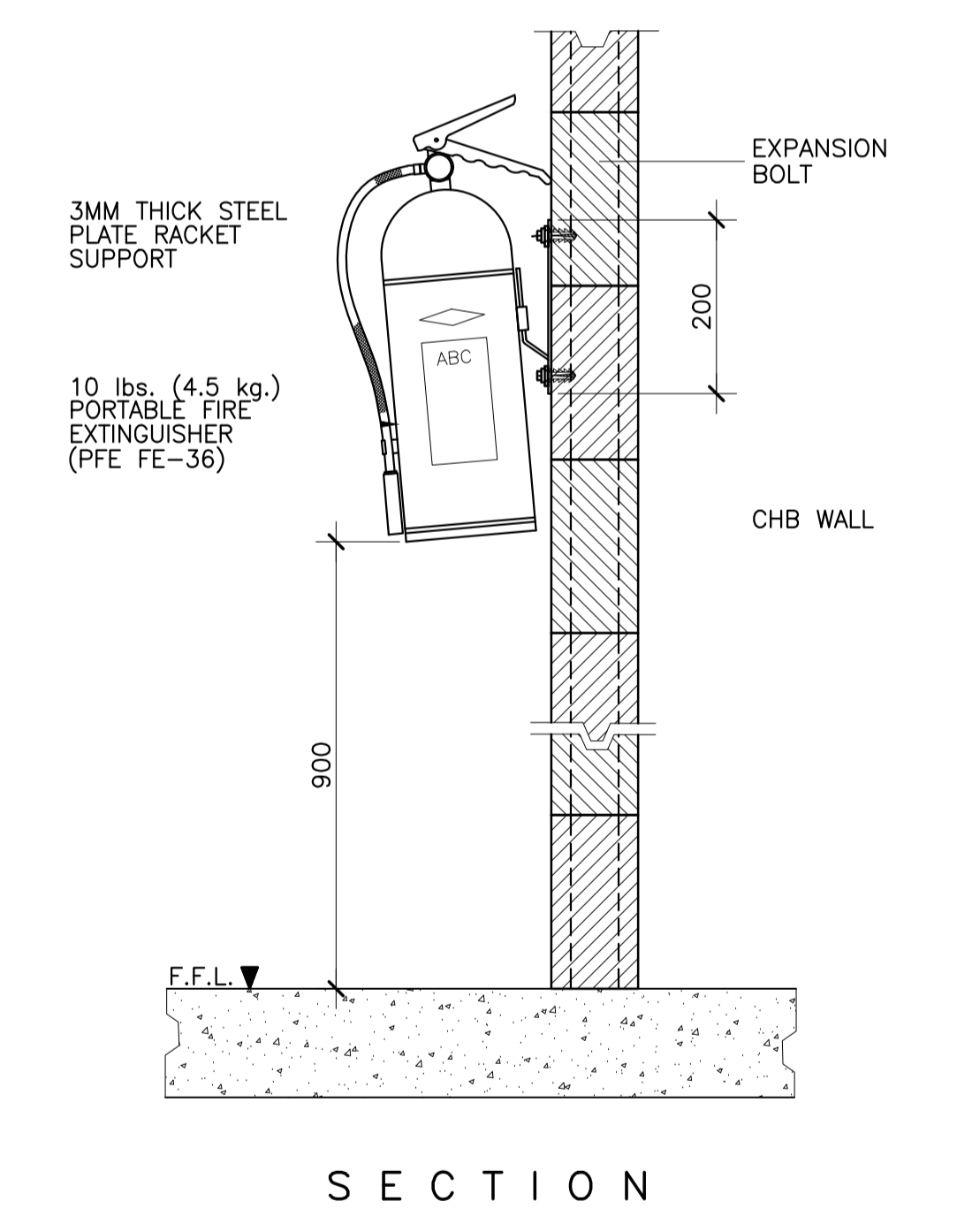
1 DETAIL OF FIRE HOSE CABINET
FP-07 SCALE 1:10 MTS.



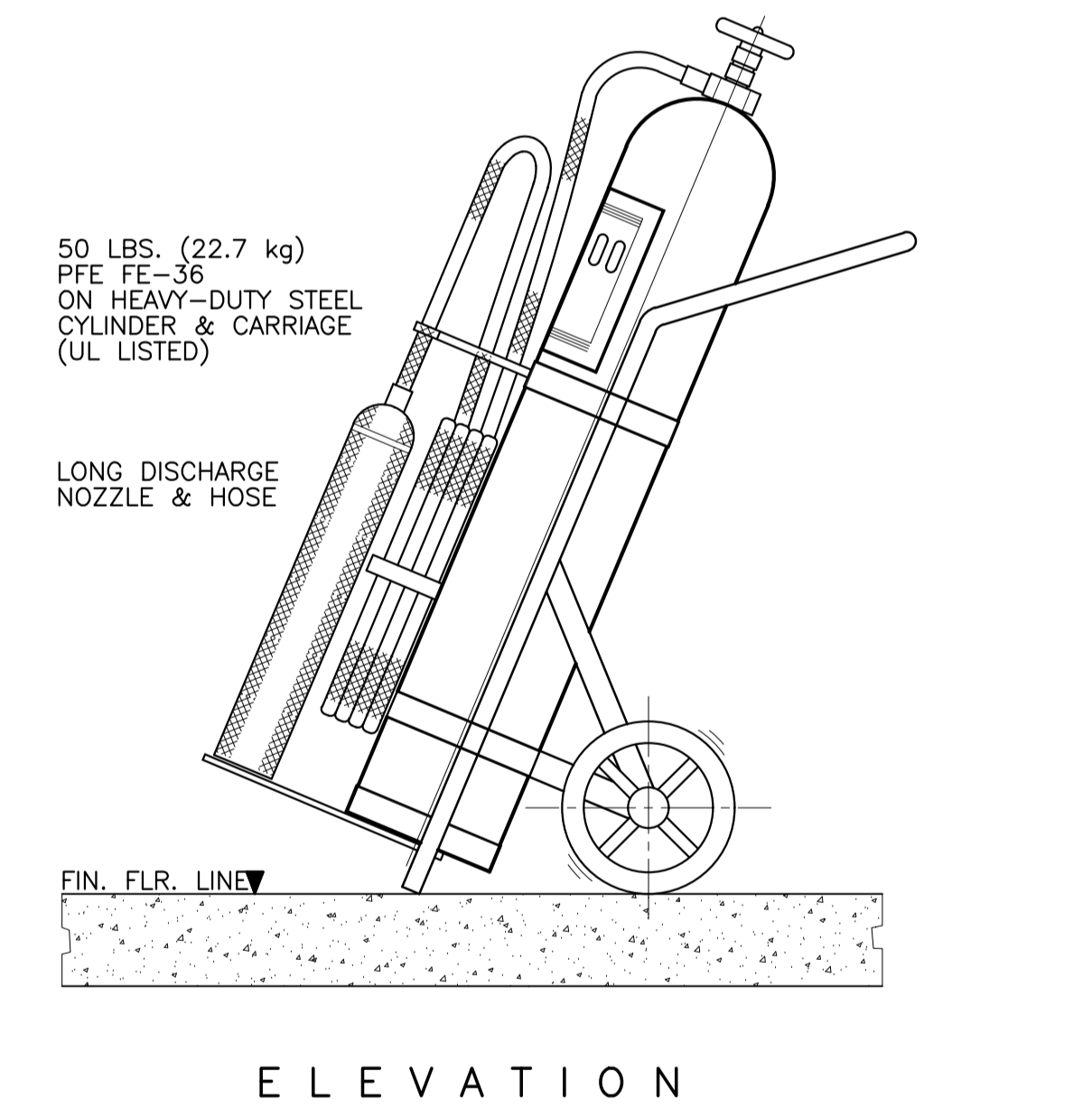
FP-07 DETAIL OF SPRINKLER HEADS
FP-13 SCALE 1:3 MTS.



3 DETAIL OF FIRE HOSE VALVE
FP-07 SCALE 1:10 MTS.



4 DETAIL OF 10 LBS. (4.5 KG) PORTABLE FIRE EXTINGUISHER
FP-07 NOT TO SCALE



5 DETAIL OF 50 lbs. FE-36 WHEELED TYPE PORTABLE FIRE EXTINGUISHER
FP-07 NOT TO SCALE

ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE. LAYUNGA HEIGHTS, QUEZON CITY, 1108
TEL. NOS: 426 7009; 426 9024
FAX NOS: 927 0608; 426 7214

IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

DESIGNER:
MELITON A. NAGUE
PROFESSIONAL MECHANICAL ENGINEER

PRC No. 4908 Validity: 06/05/2024
PTR No. 8535022 Date: 01/05/2021
Place: MAKATI CITY TIN: 912-907-486

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II / MULTI-PURPOSE GYMNASIUM

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

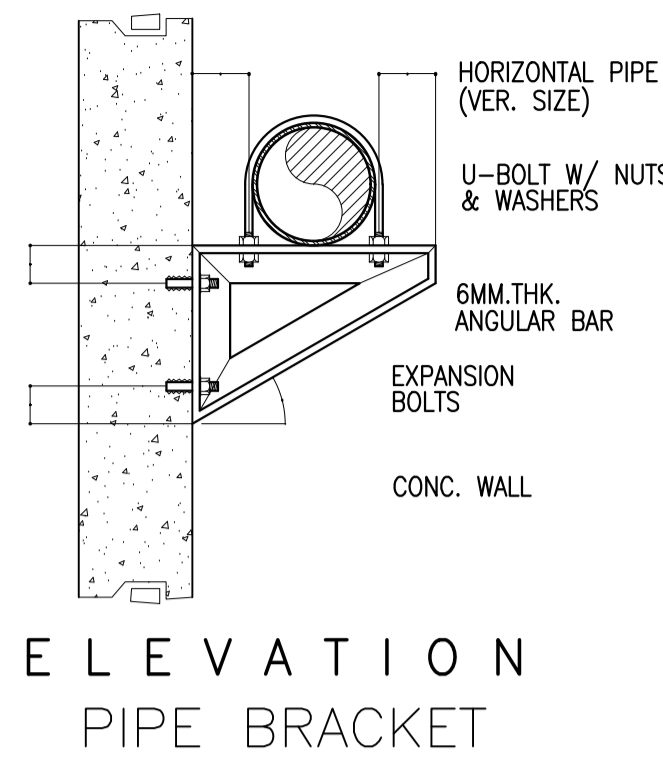
APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:
MISCELLANEOUS DETAILS SHEET 3 OF 4

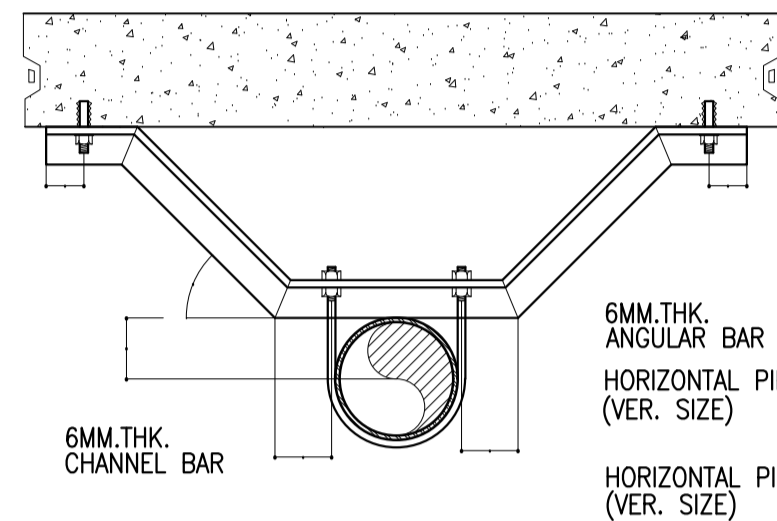
SHEET NO:
FP 07 08

GENERAL NOTES: FOR REFERENCE ONLY, ALL FIRE-PROTECTION WORKS ARE EXCLUDED IN PHASE 2

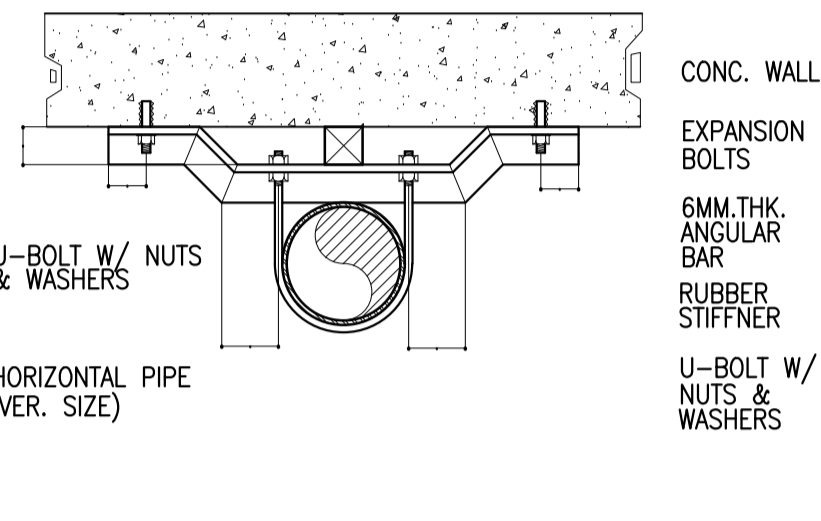
SCHEDULE OF PIPE BRACKET/BRACING			
PIPE SIZE	U-BOLT DIA.	ANGLE BAR	EXPANSION BOLT
50	10	50 X 50	10
65	10	50 X 50	10
75	10	50 X 50	10
100	12	65 X 65	12



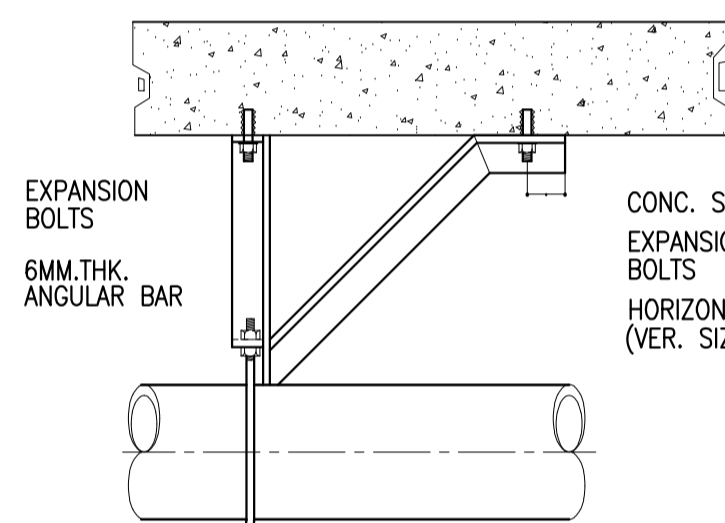
**ELEVATION
PIPE BRACKET**



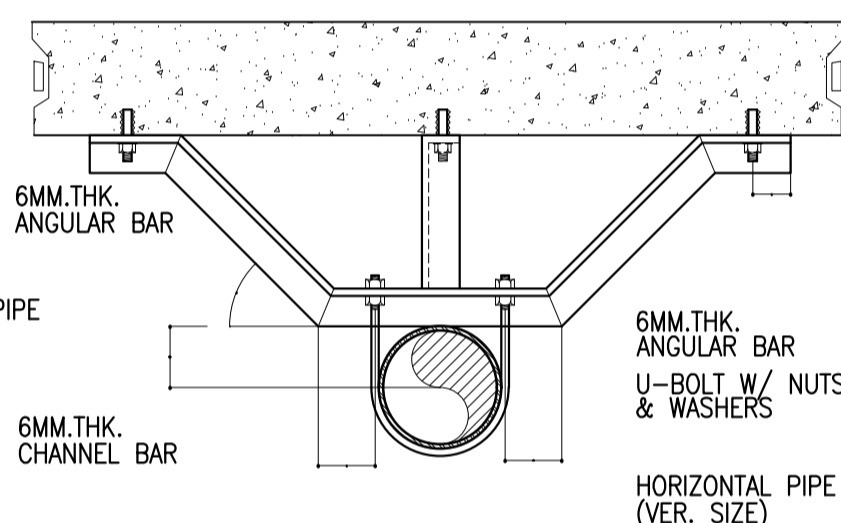
**SECTION
LATERAL BRACE**



**SECTION
4-WAY SWAY BRACE**



**ELEVATION
LONGITUDINAL BRACE**



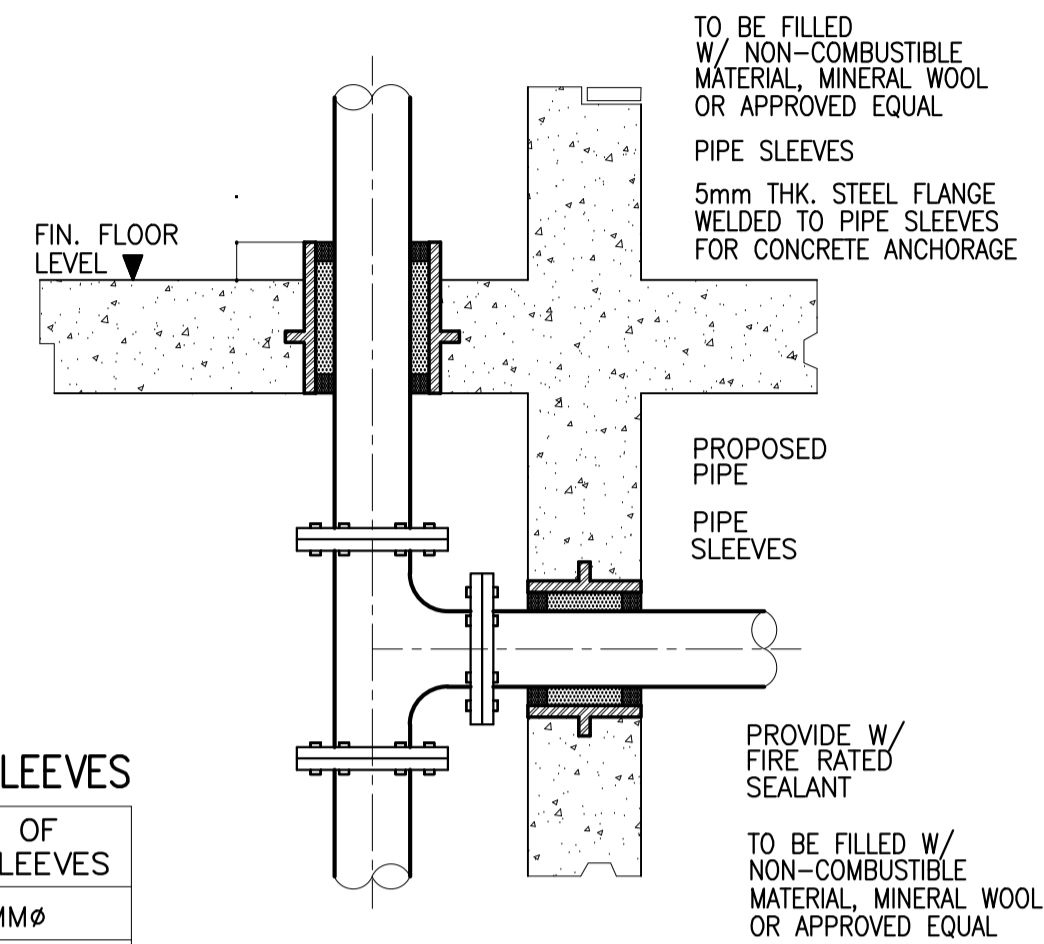
SECTION

LONGITUDINAL BRACE

1 **DETAIL OF SWAY BRACINGS**
FP-08 NOT TO SCALE

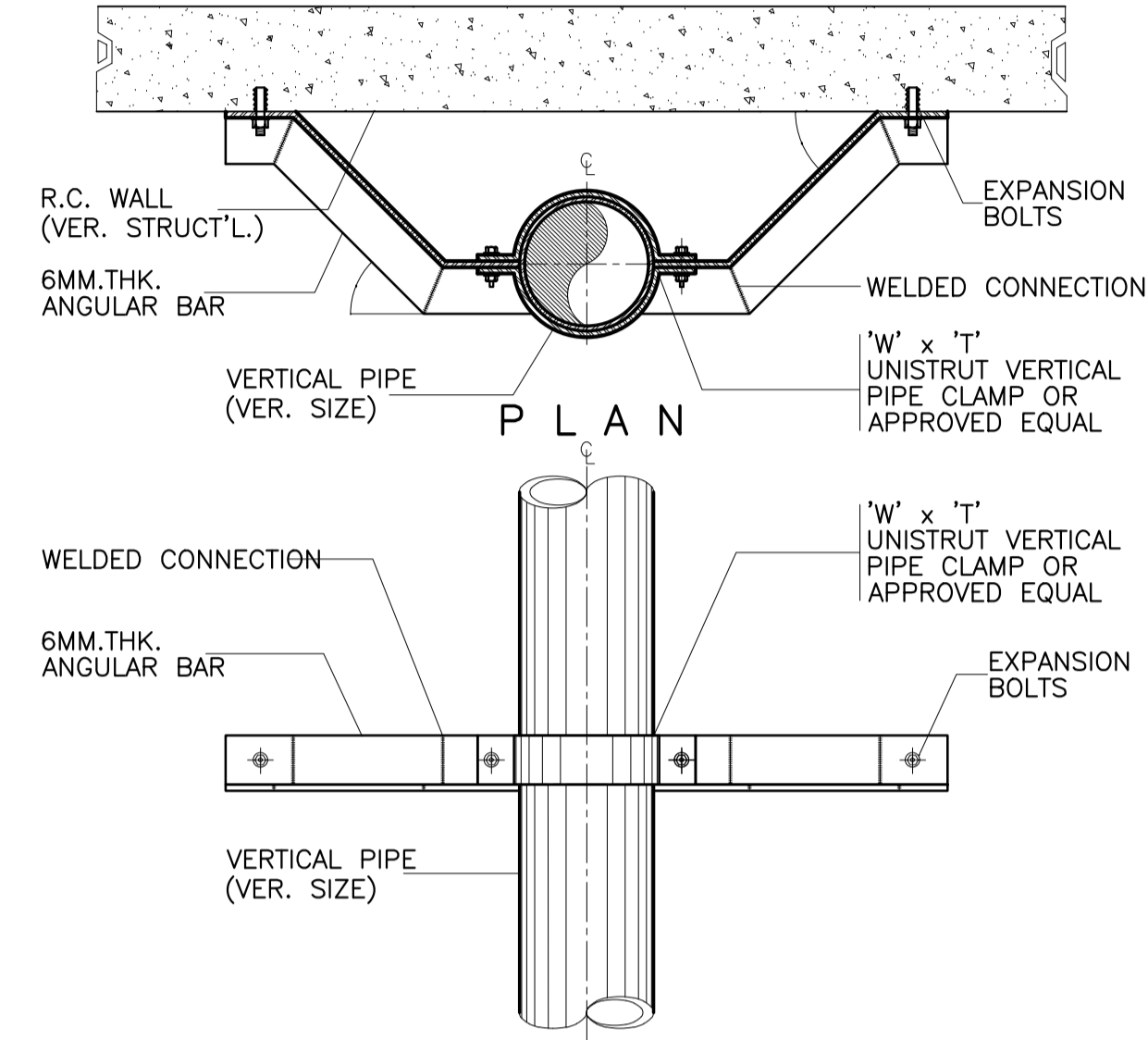
SCHEDULE OF PIPE SLEEVES	
SIZE OF BRANCHLINES	SIZE OF PIPE SLEEVES
25MMØ	50MMØ
32MMØ	50MMØ
40MMØ	65MMØ
50MMØ	75MMØ
65MMØ	100MMØ
75MMØ	100MMØ
100MMØ	150MMØ
150MMØ	225MMØ
200MMØ	300MMØ

AS APPROVED. 380 VOLTS, 3 PHASE 60 HERTZ



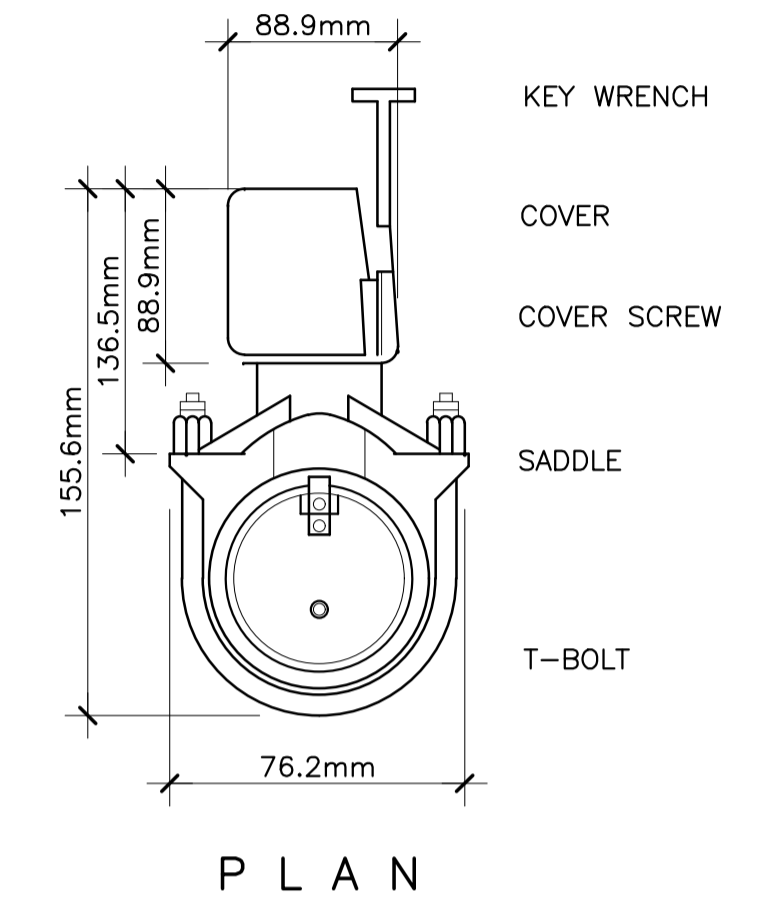
NOTES :
SLEEVES SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS AND FOUNDATIONS.
1. THE CLEARANCE BETWEEN THE PIPE SLEEVES SHALL BE FILLED W/NON-COMBUSTIBLE FLEXIBLE MATERIAL SUCH AS MINERAL WOOL, FIBERGLASS OR EQUIVALENT.
2. MINIMUM CLEARANCE BETWEEN PIPE AND SLEEVES SHALL NOT BE LESS THAN 25MM FOR PIPE 25MM THROUGH 75MM & 40MM FOR PIPE SIZE 100MM AND LARGER FLOOR SLEEVES SHALL BE EXTENDED AT LEAST 75MM ABOVE THE TOP OF THE WEARING SURFACE.

3 **DETAIL OF PIPE SLEEVE**
FP-09 NOT TO SCALE

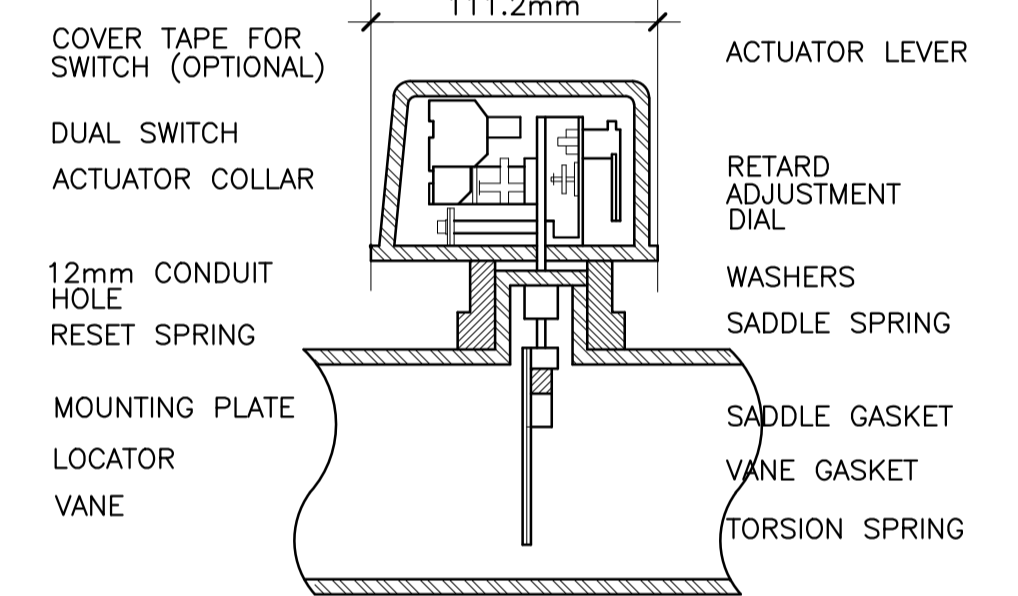


ELEVATION

4 **DETAIL OF RISER SWAY BRACE**
FP-08 NOT TO SCALE

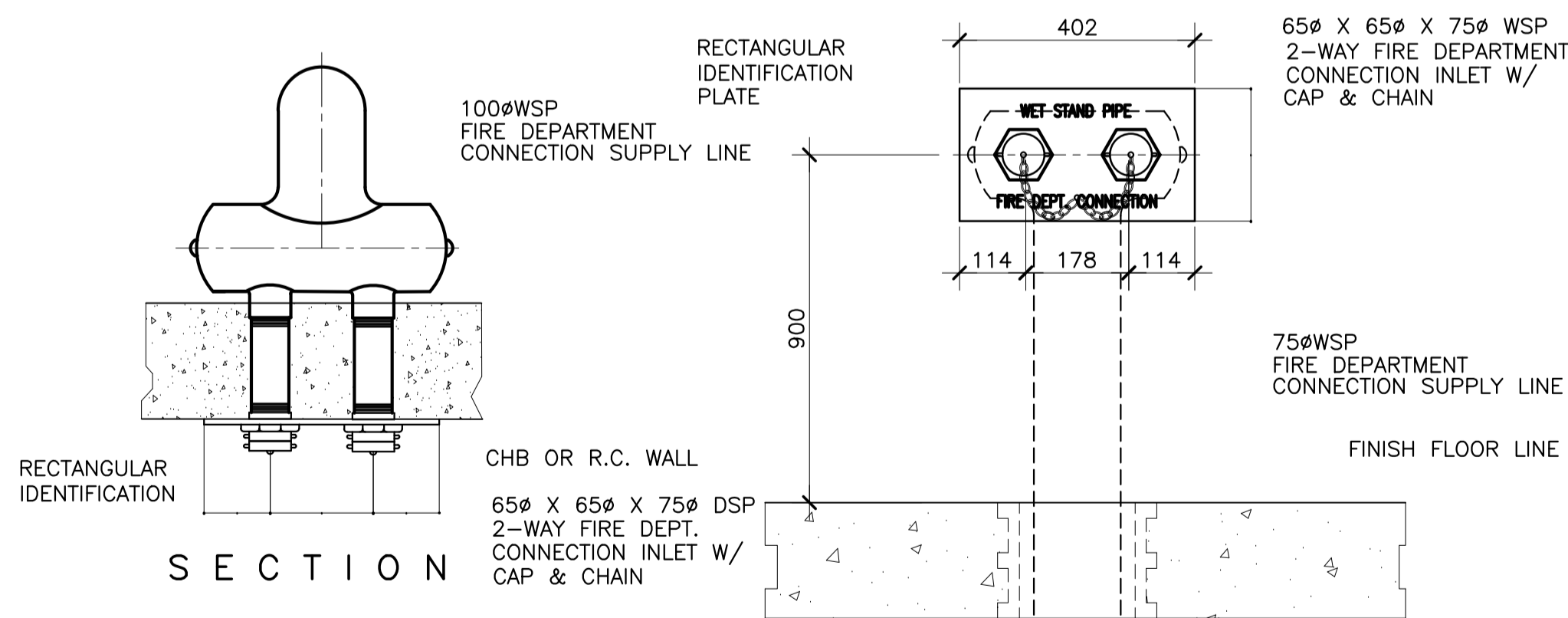


PLAN

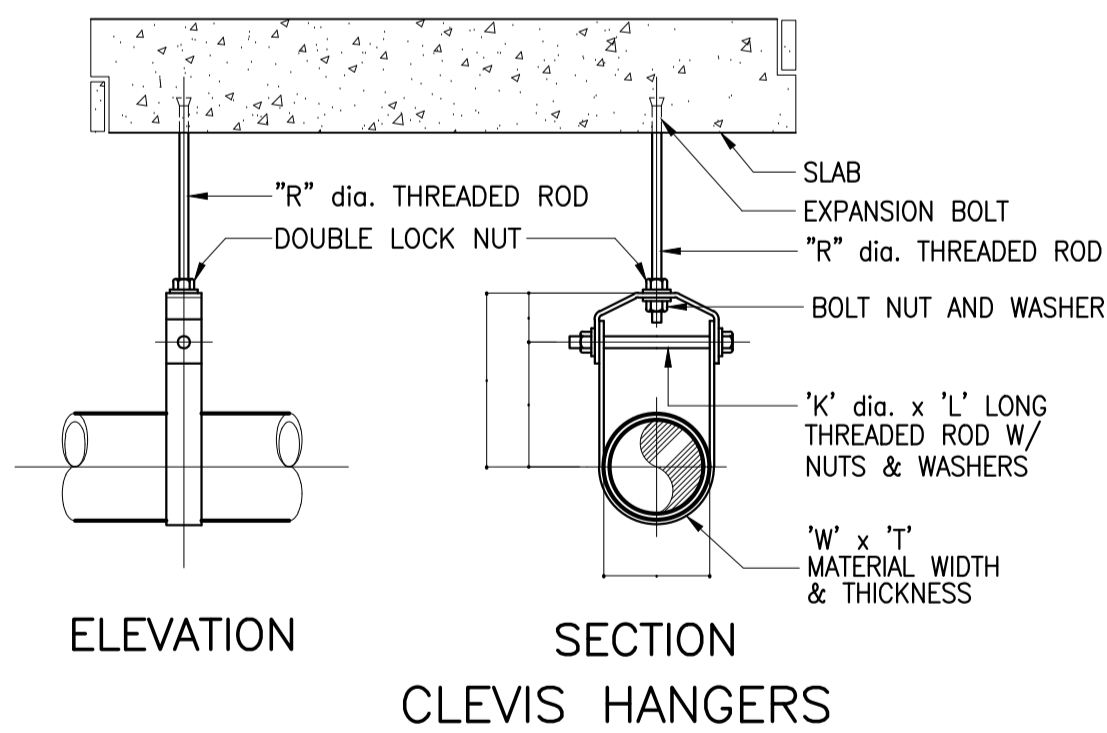


SECTION

6 **DETAIL OF WATER FLOW SWITCH**
FP-08 NOT TO SCALE



2 **DETAIL OF 2-WAY FIRE DEP'T. INLET**
FP-08 NOT TO SCALE



**ELEVATION
SECTION
CLEVIS HANGERS**

TABLE OF DIMENSIONS IN MM

PIPE SIZE "D" (MM)	ROD DIA. "R" (MM)	B	C	A MAX.	W x T	K x L
50	9.65	111.12	143	69.30	25 x 3	M10 x 85
75	12.7	105.0	165.1	30.23	40 x 6	M12 x 115
100	15.9	133.35	40	33.27	40 x 6	M12 x 130
150	19.1	176.12	267	50.00	40 x 6	M16 x 190

5 **DETAIL OF PIPE HANGER**
FP-08 NOT TO SCALE

GENERAL NOTES: REFERENCE FOR ROUGHING-INS

GENERAL NOTES

- ALL WORKS PERTAINING TO ELECTRONICS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY REGISTERED PROFESSIONAL ELECTRONICS ENGINEERS AS REQUIRED BY R.A. 9292 THE IRR OF REVISED NATIONAL BUILDING CODE.
- ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PHILIPPINE ELECTRICAL/ELECTRONICS, EIA AND BICSI CODE.
- REFER TO SPECIFICATION FOR FULL DETAILS OF EQUIPMENT AND SPECIFICATIONS.
- WIRING SHALL BE IN CONCEALED CONDUIT/TRUNKING UNLESS OTHERWISE SPECIFIED.
- THE POSITION OF ALL TELCO OUTLET AS SHOWN IN THE DRAWINGS ARE APPROXIMATE ONLY. THE EXACT POSITIONS SHALL BE DETERMINED ON SITE.
- THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR LABELING OF ALL EQUIPMENT THROUGHOUT THE INSTALLATION.
- THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE TO LIAISE WITH THE LOCAL GOVERNMENT FOR ALL CLEARANCES, CABLE JOINTING, AND TESTING FOR THE INSTALLATION.
- THE OVERALL RESISTANCE FOR THE EARTHING SYSTEM (ELECTRICAL) SHALL COMPLY WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL AND ELECTRONICS CODE.
- THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE/CONDUIT PENETRATION OPENINGS BETWEEN FLOOR SLAB AND WALL ETC. WITH APPROVED FIRE RATING MATERIAL/SEALANT.
- ALL CABLES TO BE LAID IN HD uPVC PIPES SHALL BE ENCASED IN CONCRETE WHEN LAID ACROSS THE DRIVEWAY.
- THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPOTENTIAL GROUNDING. ALL METAL PARTS COMPLETED BY THE OTHER SUB-CONTRACTORS TO THE NEAREST BONDING TO ELECTRICAL PANEL.
- THE SPECIALTY CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR, MATERIALS AND EQUIPMENT FOR SATISFACTORY COMPLETION OF THE ENTIRE TELECOMMUNICATION INSTALLATION AS GENERALLY DESCRIBED IN THE SPECIFICATION AND / OR SHOWN ON DRAWINGS.
- ALL LOCATION OF EQUIPMENT AND CABLE ROUTES SHOWN ON THE DRAWING ARE INDICATIVE ONLY. THE EXACT LOCATIONS MUST BE COORDINATED ON SITE BEFORE INSTALLATION. FULLY COORDINATED SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE COMMENCEMENT OF WORK.
- THEY SHALL BE PAINTED WITH A COAT OF ANTI-RUST PAINT AND TWO COATS OF SEMI-GLOSS TEAK PAINT OF BEST QUALITY TO THE APPROVAL OF THE CONSULTANT.
- ALL DISTRIBUTION FRAME CONDUITS WHICH ARE EXPOSED SHALL BE PAINTED WITH A COAT OF RUST-RESISTING PRIMER AND TWO COATS OF ELECTRIC ORANGE OR AS SPECIFIED BY THE ARCHITECT.
- EACH CIRCUIT SHALL BE TESTED FOR GROUNDS AND SHORTS BY MEANS OF INSULATION RESISTANCE TESTING INSTRUMENT APPLYING A VOLTAGE OF NOT LESS THAN 500 D.C. ON CIRCUIT UNDER TEST.
- CABLES FOR ESSENTIAL CIRCUITS SUCH AS EMERGENCY LIGHTING CIRCUITS & FIRE FIGHTING EQUIPMENT CIRCUITS ETC. SHALL BE NOT BE DRAWN INTO THE SAME CONDUIT INTENDED FOR NORMAL CIRCUITS AS PER PHILIPPINE ELECTRICAL CODE (PEC).
- ALL ELECTRONICS OUTLETS, AND/OR EQUIPMENT LOCATIONS SHOWN ARE INDICATIVE AND APPROXIMATE ONLY. THE SPECIALTY CONTRACTOR MUST COORDINATE WITH THE ARCHITECT AND OR THE INTERIOR DESIGNER, AS WELL AS EQUIPMENT SUPPLIERS.
- THE SPECIALTY CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEERS FOR PENETRATION THROUGH RC BEAMS AND FLOOR SLABS PRIOR TO CONSTRUCTION.
- ALL CONDUITS LAYOUT AND INSTALLATION METHODS SHALL BE IDENTICAL IN ALL ROOMS AS MUCH AS POSSIBLE.
- TESTING CERTIFICATES SHALL BE PROVIDED BY THE SPECIALTY CONTRACTOR PRIOR TO FINAL TURNOVER.
- ALL MATERIALS/CABLES TO BE USED AND INSTALLATION METHOD SHALL COMPLY WITH THE TECHNICAL SPECIFICATION, STANDARDS, CODE OF PRACTICE AND AUTHORITY REQUIREMENT.
- THE SPECIALTY CONTRACTOR IS REQUIRED TO SUBMIT DETAILS OF FINAL ARRANGEMENT AND DIMENSIONAL LAYOUT OF ALL ITEMS EQUIPMENT IN RESPECTIVE ROOMS TO SUIT SITE CONDITIONS; FOR REVIEW OF THE CONSULTANT BEFORE COMMENCEMENT OF THE INSTALLATION.
- ALL ELECTRONICS SYSTEM PROVIDED IN THIS PLAN SHALL BE CAPABLE TO ACCOMMODATE FUTURE FIT-OUT EXPANSION REQUIREMENTS.
- ALL TELECOMMUNICATION OUTLETS SHALL BE CATEGORY 6 OR OTHERWISE STATED.
- ALL ELECTRICAL/ELECTRONICS EQUIPMENT & ACCESSORIES THAT ARE EXPOSED OR LESS THAN 2.0m AWAY FROM WATER SOURCES SHALL BE OF WEATHERPROOF TYPE.
- COLOR FOR ALL TELECOMMUNICATION FACE PLATES SHALL BE AS PER ARCHITECT'S/INTERIOR DESIGNER'S SELECTION.
- THE SPECIALTY CONTRACTOR SHALL NOTE THE POSITIONS OF TELECOM POINTS, AS SHOWN ON DRAWINGS. THE ACTUAL POSITIONS SHALL BE BASED ON THE ARCHITECT'S OR INTERIOR DESIGNER'S DRAWING. THE SPECIALTY CONTRACTOR IS DEEMED TO HAVE ALLOWED IN HIS TENDER PRICE FOR ALL NECESSARY SITE ADJUSTMENT TO SUIT THE FINAL POSITIONS.
- THE SPECIALTY CONTRACTOR SHALL LIAISE WITH OTHER CONTRACTOR TO ENSURE THAT POWER SUPPLIES FOR ALL EQUIPMENT ARE PROVIDED TO SUIT THE SYSTEM REQUIREMENTS.
- THE SPECIALTY CONTRACTOR SHALL LIAISE WITH INTERIOR DESIGNER/ARCHITECT ON THE EXACT LOCATION & MOUNTING HEIGHTS (IF APPLICABLE) OF OUTLETS, MAIN DISTRIBUTION FRAME (MDF), AND/OR INTERMEDIATE DISTRIBUTION FRAME (IDF) BEFORE LAYING THE CONDUITS.
- WIRELESS ACCESS POINT (WAP) OUTLET SHOULD BE INSTALLED 500mm BELOW CEILING SLAB.

1 GENERAL NOTES
EC-1.0 SCALE: NTS

LEGEND & SYMBOLS

TELECOMMUNICATION SYSTEM/STRUCTURAL CABLING SYSTEM

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTIONS
	BUILDING MAIN DISTRIBUTION FRAME		PUNCH BLOCK PANEL
	TELCO MAIN DISTRIBUTION FRAME (BY TELCO)		PRIVATE AUTOMATIC BRANCH EXCHANGE
	HANDHOLE		UNINTERRUPTIBLE POWER SUPPLY
	INTERMEDIATE DISTRIBUTION FRAME CABINET		SERVICE ENTRY
	DATA OUTLET, WALL MOUNT		CABLE TRUNKING
	DATA OUTLET, FLOOR MOUNT		DUPLIX VOICE & DATA OUTLET, WALL MOUNT
	DATA OUTLET, CEILING MOUNT		DUPLIX VOICE & DATA OUTLET, FLOOR MOUNT
	VOICE/PHONE OUTLET, WALL MOUNT		TELECOM OUTLET, WI-FI / WAP SINGLE CEILING MOUNTED
	VOICE/PHONE OUTLET, FLOOR MOUNT		
	RISER UP		
	RISER DOWN		

ACCESS CONTROL SYSTEM

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTIONS
	SECURITY MANAGEMENT TERMINAL BOX		CARD READER
	INPUT MODULE		ELECTROMAGNETIC LOCK
	DOOR CONTACT WITH SOUNDER		BREAK GLASS
	UNINTERRUPTIBLE POWER SUPPLY		CARD READER MODULE
	PULLBOX		

CLOSED-CIRCUIT TELEVISION (CCTV) SYSTEM

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	CCTV CAMERA, FIXED INTERIOR, WALL MOUNT		
	CCTV CAMERA, FIXED EXTERIOR, WALL MOUNT		NETWORK VIDEO RECORDER
	CCTV CAMERA, FIXED INTERIOR, CEILING MOUNT		CCTV CAMERA, PTZ INTERIOR, CEILING MOUNT
	CCTV CAMERA, FIXED EXTERIOR, CEILING MOUNT		CCTV CAMERA, PTZ EXTERIOR, CEILING MOUNT

COMMUNITY ANTENNA TELEVISION (CATV) SYSTEM

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	LED TV DISPLAY, 43" TO 55". CEILING HANGED		CATV CABINET
	VIDEO EXTENDER, IP-BASED, FOR CUEING NUMBER DISPLAY		NODE PULLBOX

FIRE DETECTION AND ALARM SYSTEM (FDAS)

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	SMOKE DETECTOR (ADDRESSABLE)		HORN SPEAKER
	HEAT DETECTOR (ADDRESSABLE)		STROBE LIGHT
	BEAM DETECTOR (ADDRESSABLE)		HORN WITH STROBE LIGHT
	CARBON MONOXIDE DETECTOR		SPEAKER STROBE (CEILING MOUNT)
	MANUAL-PULL STATION (ADDRESSABLE)		SPEAKER STROBE (WALL MOUNT)
	FIREMAN'S PHONE JACK		ADDRESSABLE MONITOR MODULE FOR CONVENTIONAL DEVICES
	ZONE ANNUNCIATOR		ADDRESSABLE MONITOR MODULE FOR INPUT DEVICES
	GRAPHICAL ANNUNCIATOR		ADDRESSABLE CONTROL MODULE
	FIRE ALARM CONTROL PANEL		FLOW SWITCH
	LCD ANNUNCIATOR		SUPERVISORY SWITCH

3 DRAWING SYMBOLS
EC-1.0 SCALE: NTS

ABBREVIATIONS							
AWG	AMERICAN WIRE GAUGE	EOL	END OF LINE RESISTOR	IDF	INTERMEDIATE DISTRIBUTION FRAME	S	SUSPENDED
C	CEILING MOUNTED	EVAC	EMERGENCY VOICE ALARM COMMUNICATION	NVR	NETWORK VIDEO RECORDER	SMS	SECURITY MANAGEMENT SYSTEM
CAT	CATEGORY	FACP	FIRE ALARM CONTROL PANEL	IMC	INTERMEDIATE METALLIC CONDUIT	TF	THERMOPLASTIC COVERED FIXTURE WIRE
CATV	COMMUNITY ANTENNA TELEVISION	FA	FIRE ALARM	MDF	MAIN DISTRIBUTION FRAME	TV	TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION	FCC	FIRE COMMAND CENTER	PA	PUBLIC ADDRESS	THHN	HEAT RESISTANT THERMOPLASTIC WIRE
EE	ELECTRICAL	FR	FIRE RATED	RD	RISER DOWN	UPS	UNINTERRUPTIBLE POWER SUPPLY
ELV	EXTRA LOW VOLTAGE	HH	HAND HOLE	RJ	RISE UP	WP	WEATHER PROOF

2 ABBREVIATIONS
EC-1.0 SCALE: NTS

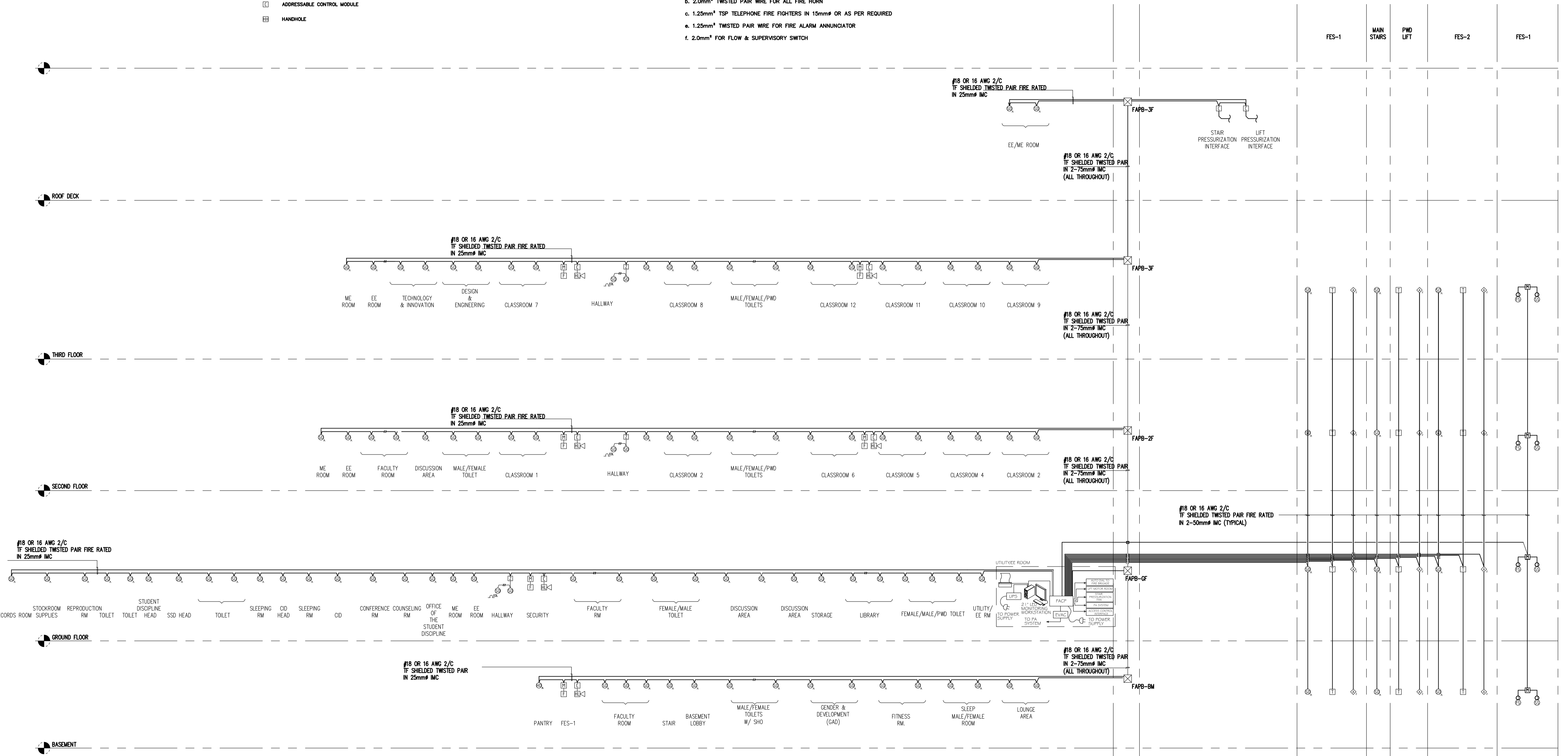
<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER PRC No. 0000494 Validity: 12/13/2022 PTR No. 0703592 Date: 01/04/2021 Place: QUEZON CITY TIN: 106-351-490	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: SHEET NO.:	EC 01 04
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVENUE, LORON HIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 3002-04 FAX: NOS: 927 6608; 426 7214							

GENERAL NOTES: REFERENCE FOR ROUGHING-INS

FIRE DETECTION AND ALARM SYSTEM

SYMBOLS	DESCRIPTIONS	ABBREVIATIONS
	SMOKE DETECTOR (ADDRESSABLE)	PE PASSENGER ELEVATOR
	HEAT DETECTOR (ADDRESSABLE)	FE FIRE EXIT
	BEAM DETECTOR (ADDRESSABLE)	SE SERVICE ELEVATOR
	MANUAL-PULL STATION (ADDRESSABLE)	AWG AMERICAN WIRE GAUGE
	FIREMAN'S PHONE JACK	IMC INTERMEDIATE METALLIC CONDUIT
	ZONE ANNUNCIATOR	UPS INTERRUPTIBLE POWER SUPPLY
	HORN WITH STROBE LIGHT	TP THERMOPLASTIC COVERED FIBRE WIRE
	ADDRESSABLE MONITOR MODULE FOR INPUT DEVICES	PVC POLYVINYL-CHLORIDE CONDUIT
	FLOW SWITCH	UTP UNSHIELDED TWISTED PAIR
	SUPERVISORY SWITCH	CAT AUTOMATIC FIRE SUPPRESSION SYSTEM
	FIRE ALARM CONTROL PANEL	WP WEATHERPROOF ENCLOSURE
	LCD ANNUNCIATOR	
	FDAS PULLBOX (250x250x150)MM OR AS PER REQUIRED	
	ADDRESSABLE MONITOR MODULE FOR CONVENTIONAL DETECTORS	
	ADDRESSABLE CONTROL MODULE	
	HANDHOLE	

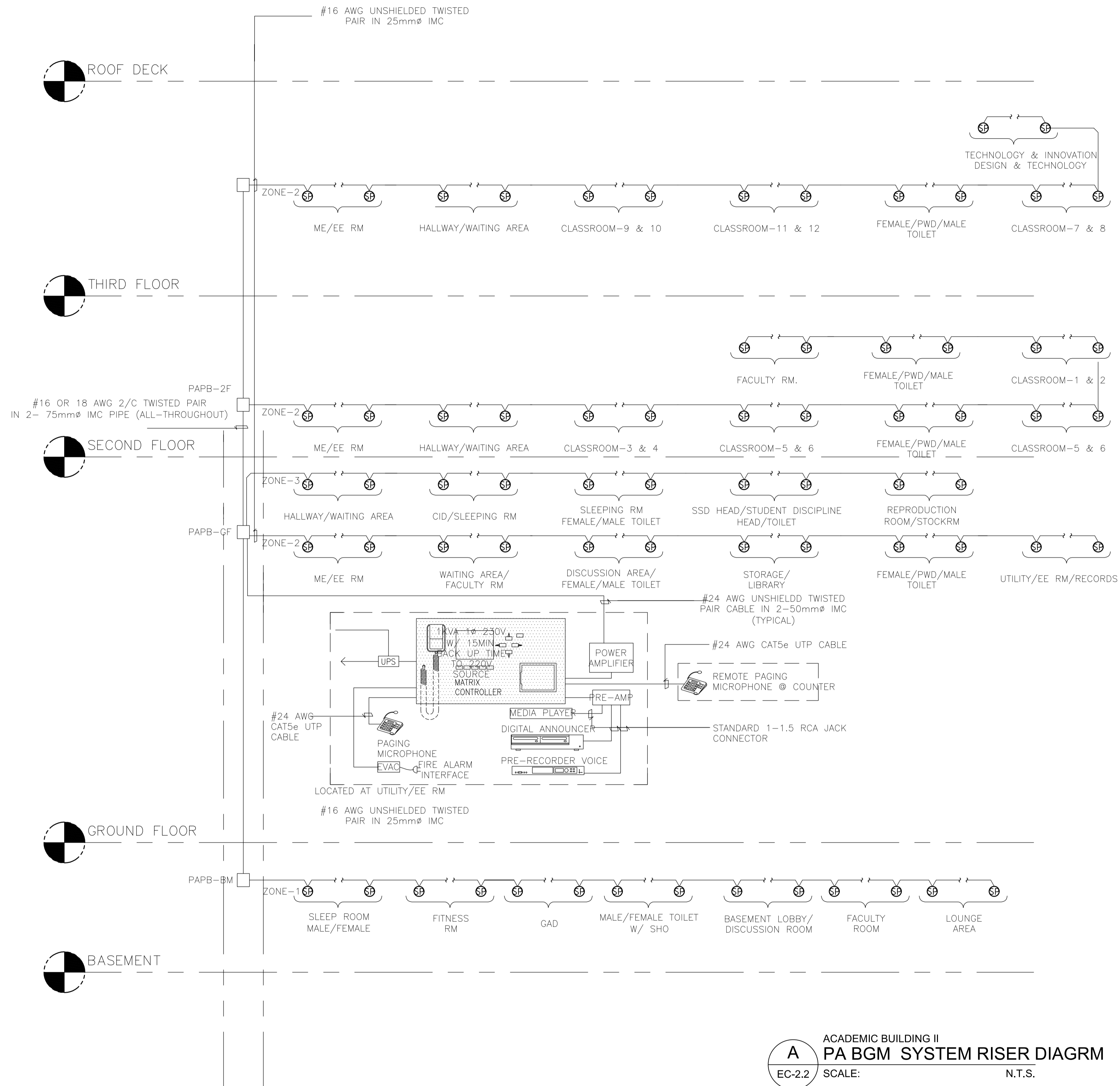
- NOTES:
- THE PURPOSE OF THIS SCHEMATIC IS TO PROVIDE THE GENERAL CONCEPT AND PRINCIPLE OF THE PROPOSED FIRE DETECTION AND ALARM SYSTEM.
 - EQUIPMENT AND DEVICES REFLECTED ON THE PLANS ARE INDICATIVE ONLY. CONTRACTOR TO FURNISH AND INSTALL THE COMPLETE SYSTEM TO AND SOFTWARE PROGRAMMING AS MAY BE DEEMED NECESSARY FOR THE SUCCESSFUL OPERATION OF THE SYSTEM.
 - QUANTITY OF FACP SHALL BE AS PER MANUFACTURER CAPACITY.
 - REFER TO FLOOR PLAN LAYOUT FOR THE LOCATION OF ANNUNCIATOR.
 - THE CAPACITY OF THE FACP SHALL BE AS PER MANUFACTURER AND HAVE AT LEAST 1 SPARE SIGNALING LINE CIRCUIT (SLC) LOOP.
 - ALL FLOW SWITCHES AND SUPERVISORY SHALL BE CONNECTED TO THE FIRE DETECTION AND ALARM SYSTEM.
 - PROVIDE REPEATERS IF NECESSARY.
 - WIRING SYSTEM SHALL BE AS FOLLOWS:
 - 1.25mm² TWISTED PAIR WIRE IN 15mm^Ø OR AS PER REQUIRED FOR ALL DETECTORS & MANUAL STATION
 - 2.0mm² TWISTED PAIR WIRE FOR ALL FIRE HORN
 - 1.25mm² TSP TELEPHONE FIRE FIGHTERS IN 15mm^Ø OR AS PER REQUIRED
 - 1.25mm² TWISTED PAIR WIRE FOR FIRE ALARM ANNUNCIATOR
 - 2.0mm² FOR FLOW & SUPERVISORY SWITCH



ACADEMIC BUILDING II
A FDAS SYSTEM RISER DIAGRAM
 EC-2.1 SCALE: N.T.S.

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER PRC No. 0000494 Validity: 12/13/2022 PTR No. 0703592 Date: 01/04/2021 Place: QUEZON CITY TIN: 106-351-490	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: FIRE DETECTION AND ALARM SYSTEM RISER DIAGRAM	SHEET NO.:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE. LORONGA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214							

GENERAL NOTES: REFERENCE FOR ROUGHING-INS



NOTES

1. THE PURPOSE OF THIS SCHEMATIC IS TO PROVIDE GENERAL CONCEPT AND PRINCIPLE OF THE PROPOSED PUBLIC ADDRESS SYSTEM.
2. THE QUANTITY AND LOCATION OF DEVICES ARE INDICATIVE ONLY. REFER TO FLOOR PLAN LAYOUT FOR FINAL QUANTITY AND LOCATION.
3. OVERRIDE CIRCUITS SHALL BE COORDINATED W/ GUESTROOM AND RESIDENTIAL UNIT AUDIO-VISUAL CONTRACTOR.
4. EACH FIRE EXIT STAIRWELL HAVE INDIVIDUAL ZONE.

LEGEND

- 6W CEILING MOUNTED SPKAEKER
- 10W WALL MOUNTED SPKAEKER
- 250mm(W)x250mm(H)x150mm(D) PULLBOX
- UNINTERRUPTIBLE POWER SUPPLY

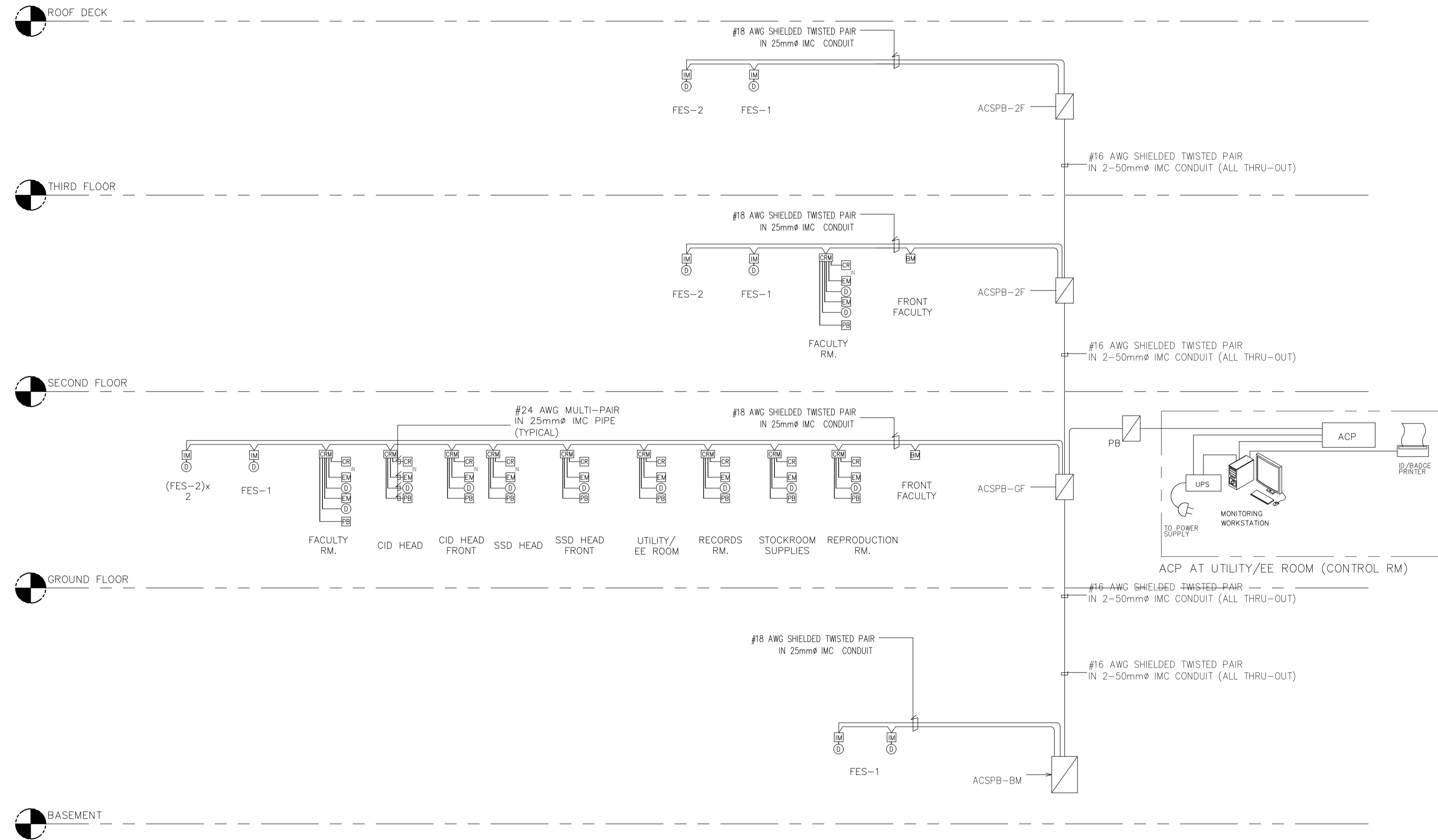
ABBREVIATIONS

- FCC FIRE COMMAND CENTER
- AWG AMERICAN WIRE GAUGE
- TF THERMOPLASTIC COVERED FIXTURE WIRE

A ACADEMIC BUILDING II
EC-2.2 PA BGM SYSTEM RISER DIAGRM
 SCALE: N.T.S.

<p>ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>DESIGNER:</p> <p>EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER</p>	<p>REPUBLIC ACT 9266</p> <p><small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small></p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>PA BGM SYSTEM RISER DIAGRAM</p>	<p>SHEET NO:</p> <p>EC 2.2 04</p>
	<p>SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LORVELA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214</p>	<p>PRC No. 0000494 Validity: 12/13/2022</p> <p>PTR No. 0703592 Date: 01/04/2021</p> <p>Place: QUEZON CITY TIN: 106-351-490</p>	<p>LOCATION: Brgy. Rizal, Odiangan, Romblon</p>					

GENERAL NOTES: REFERENCE FOR ROUGHING-INS



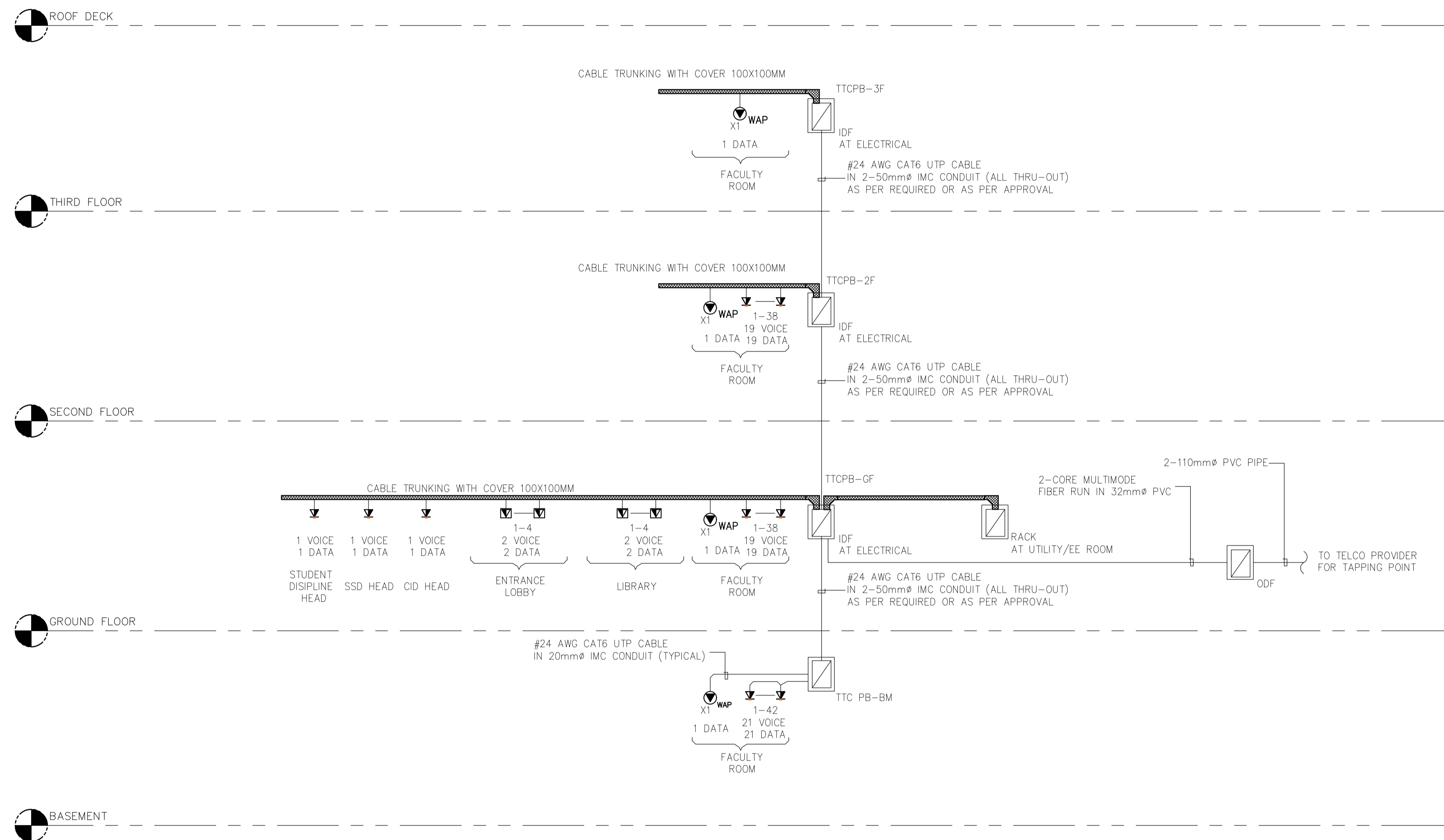
- NOTES
1. THE PURPOSE OF THIS TO PROVIDE A GENERAL CONCEPT AND PRINCIPLE OF THE PROPOSED ACCESS CONTROL SYSTEM
 2. THE QUANTITY AND LOCATION OF EQUIPMENT ARE INDICATIVE ONLY. REFER TO FLOOR PLAN LAYOUT FOR FINAL QUANTITY AND LOCATION.
 3. PROVIDE 15 MINS. CAPACITY BATTERY PACK PER PANEL. CONTRACTOR SHALL FURNISH AND INSTALL THE COMPLETE SYSTEM TO INCLUDE ALL WIRES/CABLES, ACCESSORIES, REPLAYS AND SOFTWARE PROGRAMMING AS MAY BE DEEMED NECESSARY FOR THE SUCCESSFUL OPERATION OF THE SYSTEM.
 4. USE PVC FOR EMBEDDED CONDUITS; IMC FOR EXPOSED
 5. KEY MANAGEMENT SYSTEM SHALL UTILIZE ACCESS CONTROL WORKSTATION. ACCESS CONTROL SOFTWARE SHALL BE ABLE SUPPORT/ACCOMMODATE KEY CARD ACCESS SYSTEM.

- LEGEND:
- IM INPUT MODULE
 - DA DURESS ALARM
 - PB 250mm(H)x250mm(W)x150mm(D) FULLBOX
 - DAGP DURESS ALARM GATHERING PANEL
 - SMTB SECURITY MANAGEMENT TERMINAL BOX
 - DC DOOR CONTACT
 - CR CARD READER
 - EM ELECTROMAGNETIC LOCK
 - CRM CARD READER MODULE
 - IMC INTERMEDIATE METALLIC CONDUIT
 - KM KEY MANAGEMENT
 - BM BIOMETRIC READER
 - ACP ACCESS CONTROL PANEL

A ACADEMIC BUILDING II
EC-2.3 ACCESS CONTROL SYSTEM RISER DIAGRM
 SCALE: N.T.S.

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	<p>DESIGNER:</p> <p>EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER</p>	<p>REPUBLIC ACT 9266</p> <p><small>DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.</small></p>	<p>PROJECT:</p> <p>PROPOSED ACADEMIC BUILDING II</p>	<p>DESIGNED FOR:</p> <p>REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS</p>	<p>RECOMMENDING APPROVAL:</p> <p>MERIAM F. FALLAR FAD CHIEF</p>	<p>APPROVED BY:</p> <p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>SHEET CONTENTS:</p> <p>ACCESS CONTROL SYSTEM RISER DIAGRAM</p>	<p>SHEET NO:</p> <p>EC 2.3 04</p>
	<p>SUITE 305 XAVERVILLE SQUARE CONDOMINIUM NO. 38 XAVERVILLE AVE., LORVELA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214</p>	<p>PRC No. 0000494 Validity: 12/13/2022</p> <p>PTR No. 0703592 Date: 01/04/2021</p> <p>Place: QUEZON CITY TIN: 106-351-490</p>	<p>LOCATION: Brgy. Rizal, Odiangan, Romblon</p>					

GENERAL NOTES: REFERENCE FOR ROUGHING-INS

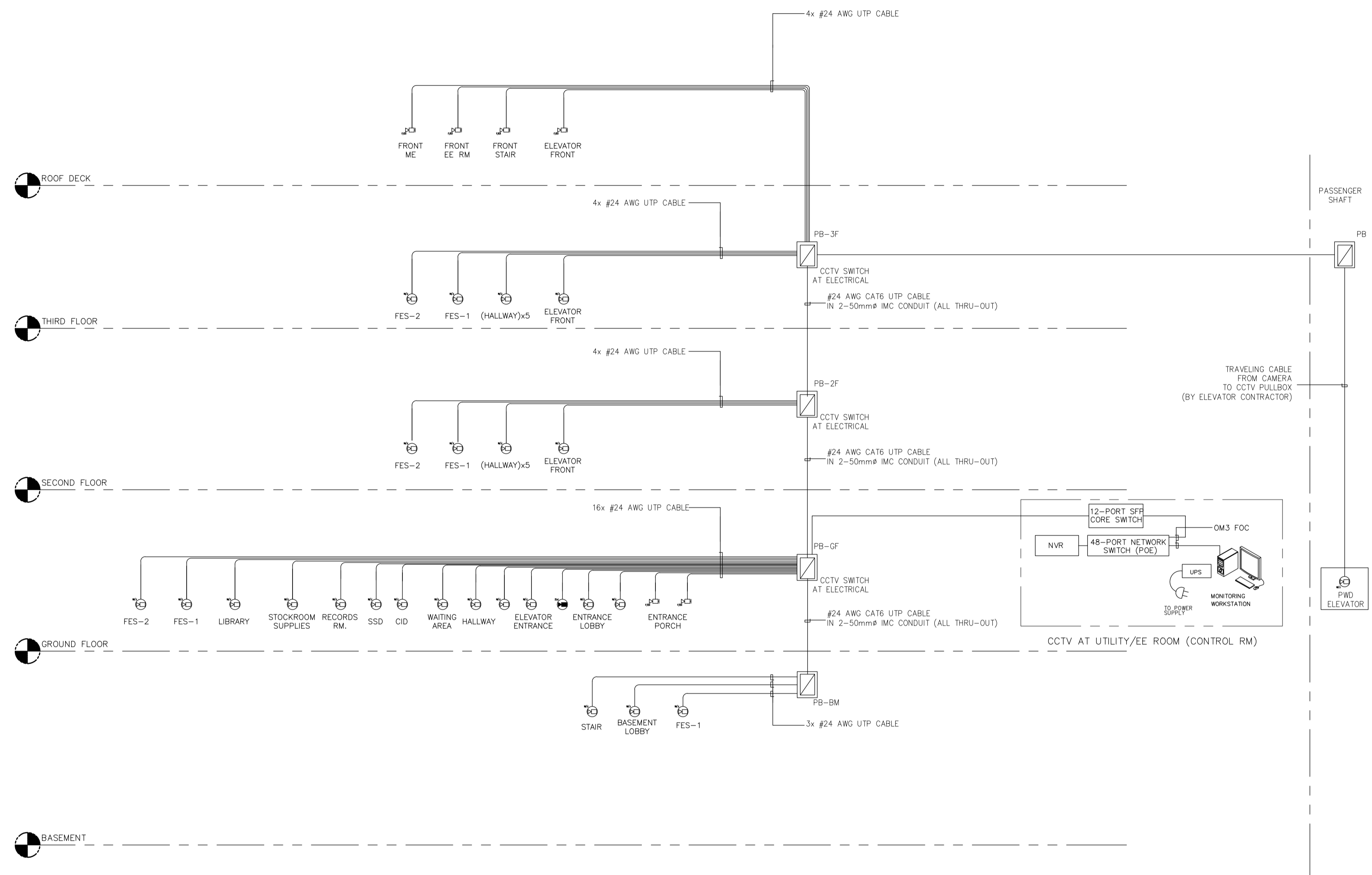


LEGENDS	DESCRIPTION
	TELECOM OUTLET, VOICE/DATA, DUPLEX, WALL/FURNITURE MOUNTED
	TELECOM OUTLET, VOICE/DATA, DUPLEX, FLOOR MOUNTED
	TELECOM OUTLET, DATA, SINGLE, CEILING MOUNTED
	CABLE TRUNK WITH COVER SIZE AS PER INDICATED
	INTERMEDIATE DISTRIBUTION FRAME
	OPTICAL DISTRIBUTION FRAME

A ACADEMIC BUILDING II
EC-2.4 STRUCTURAL CABLING SYSTEM RISER DIAGM
 SCALE: N.T.S.

ENRIQUE O. OLONAN & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLONAN & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: STRUCTURAL CABLING SYSTEM RISER DIAGRAM	SHEET NO:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214	PRC No. 0000494 PTR No. 0703592 Place: QUEZON CITY	Validity: 12/13/2022 Date: 01/04/2021 TIN: 106-351-490	LOCATION: Brgy. Rizal, Odiangan, Romblon				

GENERAL NOTES: REFERENCE FOR ROUGHING-INS



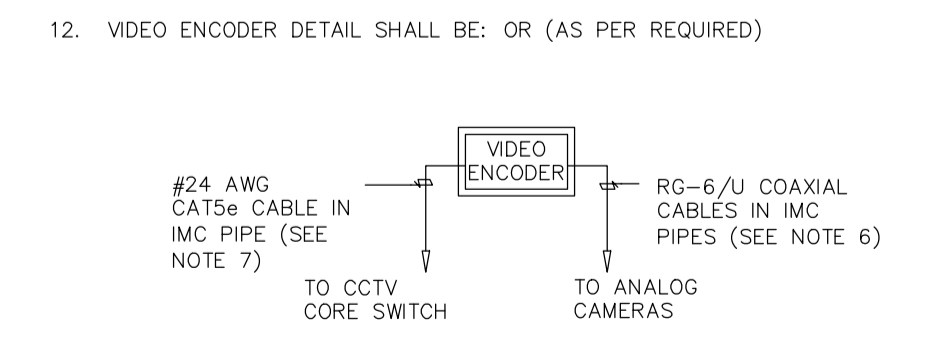
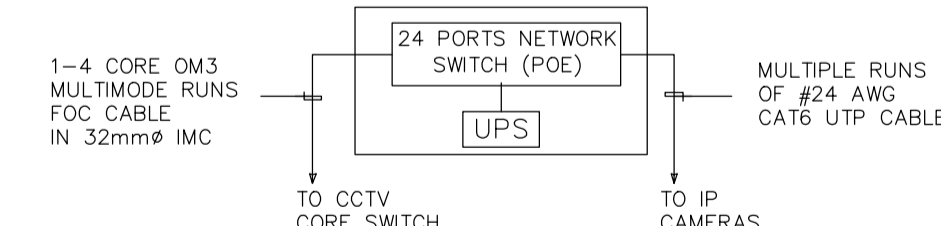
LEGENDS	DESCRIPTION
[NVR]	NETWORK VIDEO RECORDER
[UPS]	1kVA 230V, 1Ø UPS, 15MINS BACK-UP TIME
[CCTV]	CCTV CAMERA, FIXED INTERIOR WALL MOUNTED
[CCTV]	CCTV CAMERA, FIXED EXTERIOR WALL MOUNTED
[CCTV]	CCTV CAMERA, FIXED INTERIOR CEILING MOUNTED
[CCTV]	CCTV CAMERA, FIXED EXTERIOR CEILING MOUNTED
[CCTV]	CCTV CAMERA, PTZ INTERIOR CEILING MOUNTED
[CCTV]	CCTV CAMERA, PTZ EXTERIOR CEILING MOUNTED
[JCB]	JUNCTION BOX, CEILING MOUNTED
[JWB]	JUNCTION BOX, WALL MOUNTED
[CCTV IDF]	CCTV IDF CABINET [400(H)x600(W)x600(D)]MM
[PB]	PULLBOX (250x250x150)MM

- ABBREVIATIONS
- PE PASSENGER ELEVATOR
 - FE FIRE EXIT
 - CCTV CLOSED CIRCUIT TELEVISION
 - AWG AMERICAN WIRE GAUGE
 - IMC INTERMEDIATE METALLIC CONDUIT
 - UPS INTERRUPTIBLE POWER SUPPLY
 - NVR NETWORK VIDEO RECORDER
 - FOC FIBER OPTIC CABLE
 - UTP UNSHIELDED TWISTED PAIR
 - CAT CATEGORY
 - POE POWER OVER INTERNET
 - IP INTERNET PROTOCOL (IP-BASED)
 - WP WEATHERPROOF ENCLOSURE
 - SFP SMALL FORM-FACTOR PLUGGABLE

- ADDITIONAL ENGINEERING NOTES:
- THE PURPOSE OF THIS SCHEMATIC IS TO PROVIDE THE GENERAL CONCEPT AND PRINCIPLE OF THE PROPOSED CCTV SURVEILLANCE SYSTEM.
 - EQUIPMENT AND DEVICES REFLECTED ON THE PLANS ARE INDICATIVE ONLY. REFER TO FLOOR PLAN LAYOUT FOR EXACT LOCATION AND QUANTITY.
 - CONTRACTOR TO PROVIDE COMPLETE CCTV SURVEILLANCE SYSTEM TO INCLUDE ALL WIRING AND ACCESSORIES, DEVICES, EQUIPMENT AND SOFTWARE WHICH INCLUDE LICENSE PLATE RECOGNITION AND VIDEO ANALYTICS AS MAY DEEM NECESSARY FOR A SUCCESSFUL OPERATION OF THE SYSTEM.
 - CCTV SWITCH MONITORING & VIDEO MANAGEMENT SERVER NETWORK VIDEO RECORDER SHALL BE MOUNTED ON CCTV RACK LOCATED AT SECURITY ROOM.
 - NUMBER OF ANALOG CAMERAS TO BE CONNECTED ON VIDEO ENCODER SHALL BE AS PER MANUFACTURER'S RECOMMENDATION. CCTV CONTRACTOR TO MAINTAIN AND VERIFY LESS THAN 90M LENGTH OF CAT5e UTP CABLE BASED ON ACTUAL SITE CONDITION.
 - VIDEO ENCODERS SHALL BE HOUSED INSIDE NEW NEMA IP65 APPROVED ENCLOSURE AT ELV. ROOMS. SEE LAYOUT ROOMS FOR LOCATION.
 - QUANTITY OF CAT6/CAT5e INSIDE A INTERMEDIATE METALLIC CONDUIT SHALL BE: OR AS PER REQUIRED

CONDUIT SIZE	20mmØ	25mmØ	32mmØ
#24 AWG CAT6	2	4	6
#24 AWG CAT5e	4	6	8

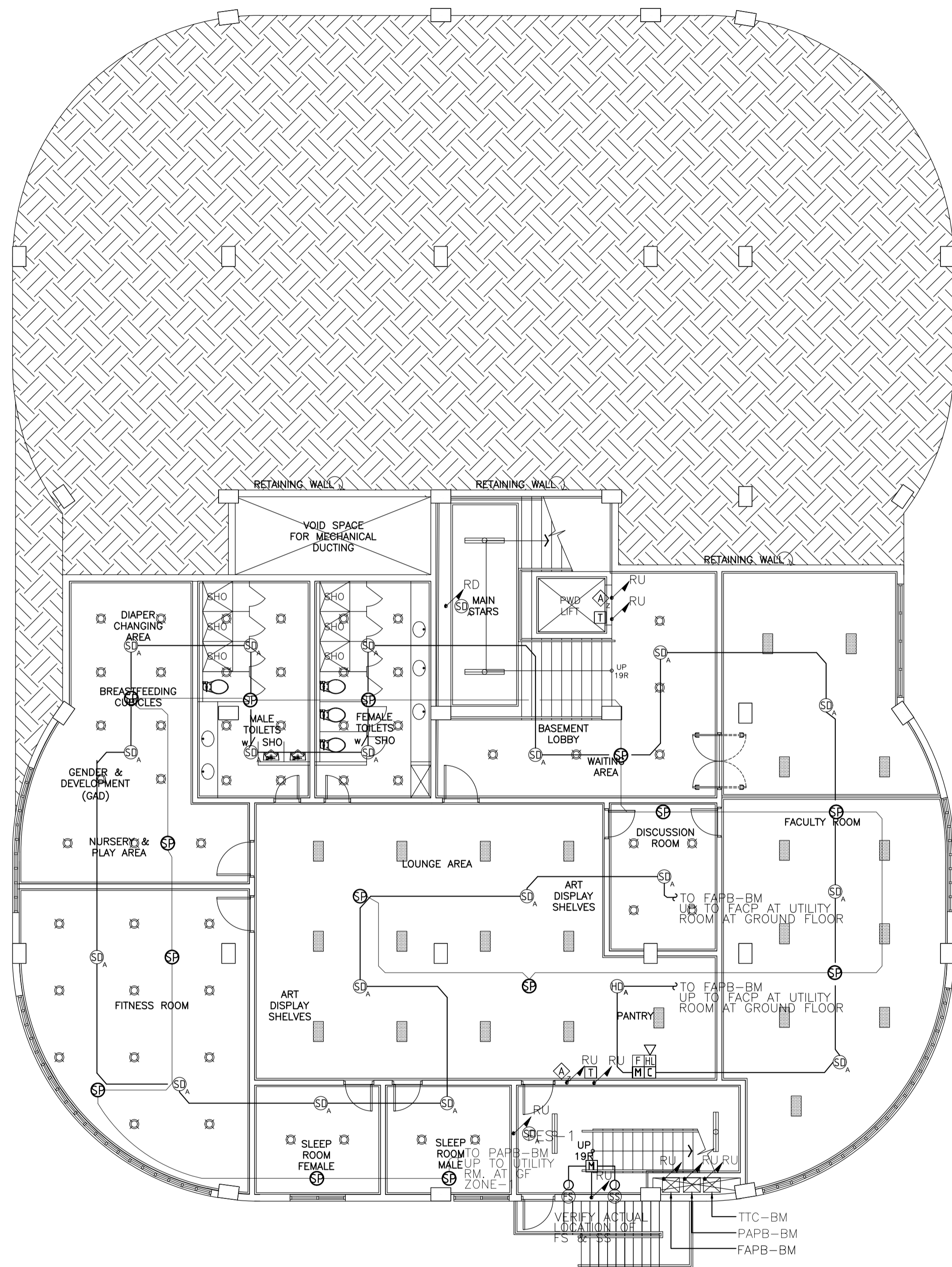
- CCTV SWITCH SHALL BE POE CAPABLE AND SHALL BE CONNECTED TO A UPS.
- UPS RATING SHALL BE CONFIRMED UPON ACTUAL REQUIREMENTS OF APPROVED BRAND/EQUIPMENT/ DEVICES TO BE USED.
- CCTV CAMERA EXPOSED IN WEATHER CONDITION MUST BE IN A WEATHERPROOF ENCLOSURE,
- CCTV IDF SHALL BE: OR (AS PER REQUIRED)



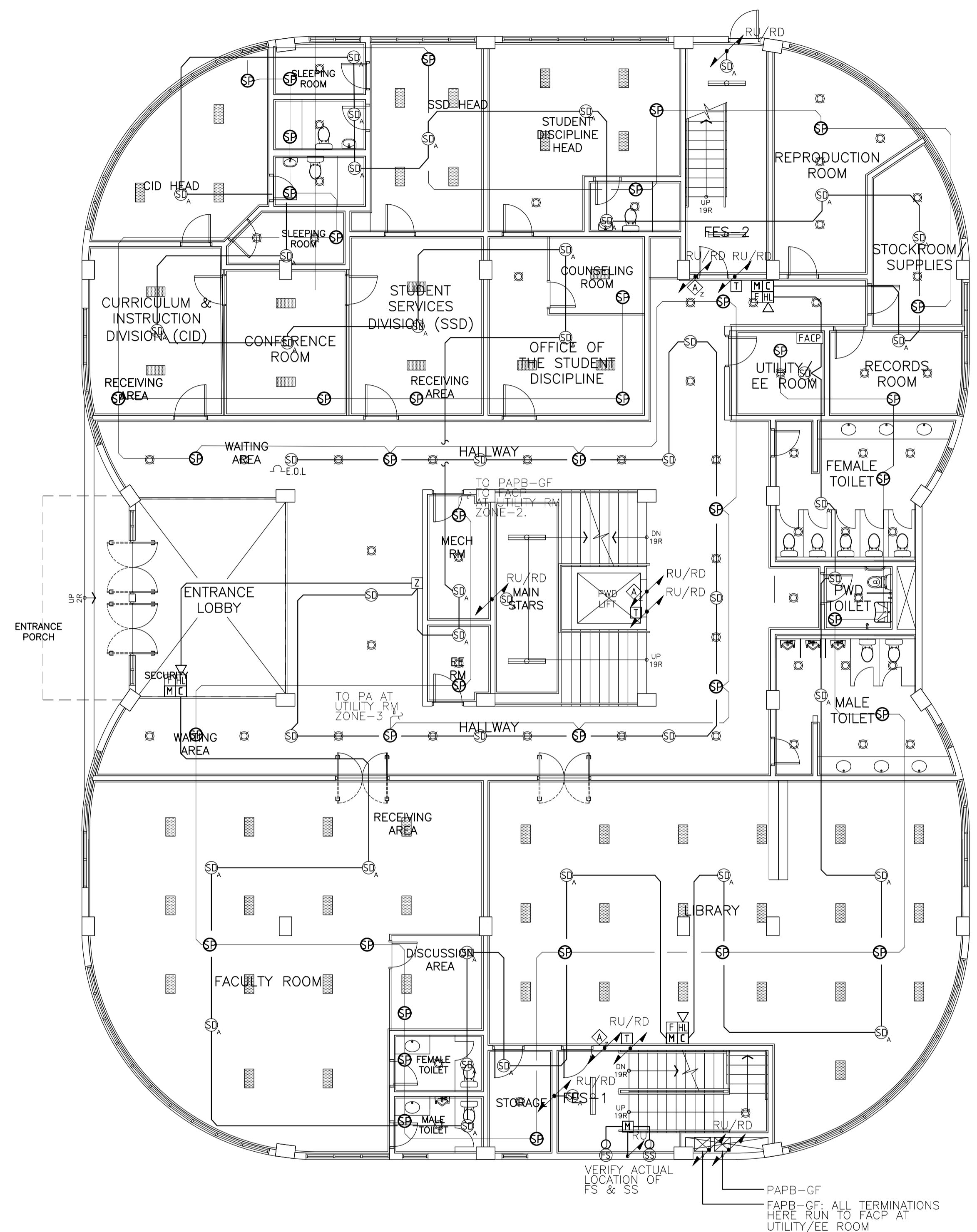
A ACADEMIC BUILDING II
EC-2.5 CCTV SYSTEM RISER DIAGRAM
 SCALE: N.T.S.

<p>ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS</p>	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER PRC No. 0000494 Validity: 12/13/2022 PTR No. 0703592 Date: 01/04/2021 Place: QUEZON CITY TIN: 106-351-490	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiangan, Romblon	DESIGNED FOR: REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: CCTV SYSTEM RISER DIAGRAM	SHEET NO.:
	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LONVOILA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214							

GENERAL NOTES: REFERENCE FOR ROUGHING-INS



A ACADEMIC BUILDING II
BASEMENT REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM
 EC-3.1 SCALE: 1:100m



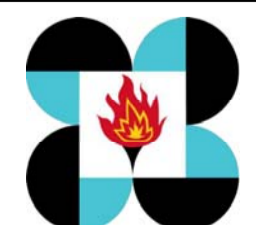
B ACADEMIC BUILDING II
GROUND FLOOR REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM
 EC-3.1 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108
 TEL NOS: 426 7009; 426 90294; FAX NOS: 927 0608; 426 7214
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

DESIGNER:
EFREN T. PINEDA
 PROFESSIONAL ELECTRONICS ENGINEER
 PRC No. 0000494 Validity: 12/13/2022
 PTR No. 0703592 Date: 01/04/2021
 Place: QUEZON CITY TIN: 106-351-490

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

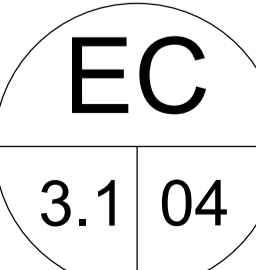
PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:

 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

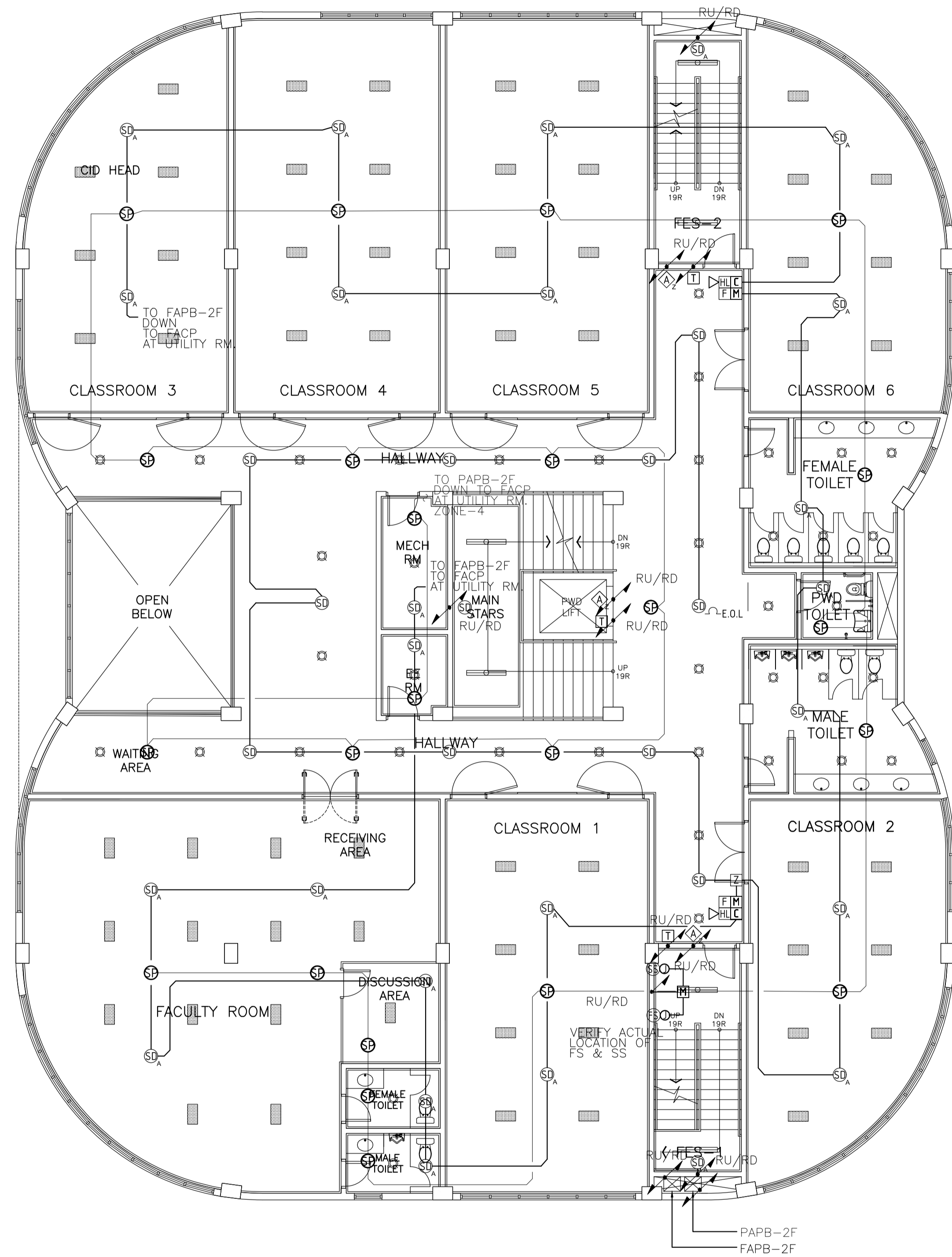
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

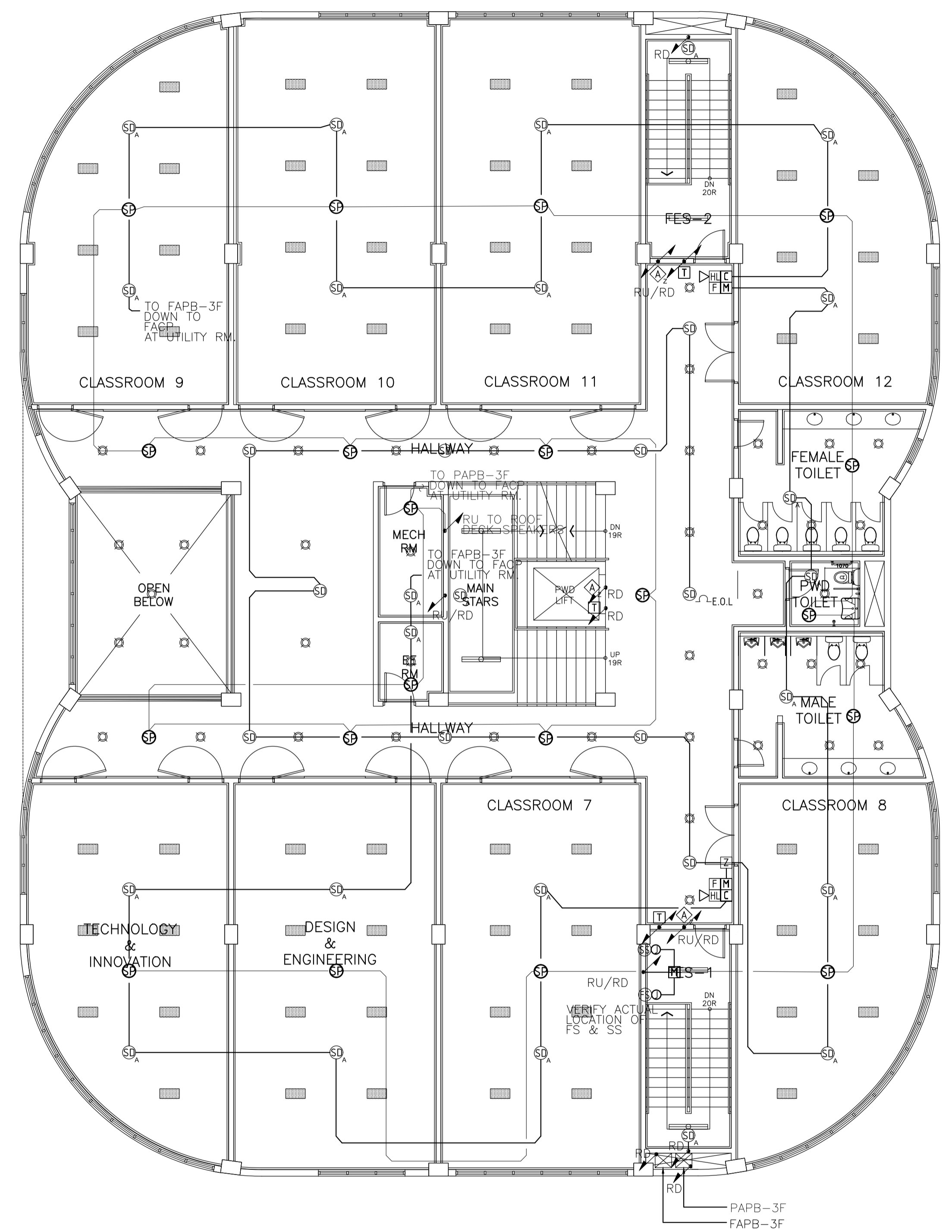
SHEET CONTENTS:
 BASEMENT REFLECTED CEILING PLAN
 FDAS AND PA BGM SYSTEM
 GROUND FLOOR REFLECTED CEILING PLAN
 FDAS AND PA BGM SYSTEM

SHEET NO:


GENERAL NOTES: REFERENCE FOR ROUGHING-INS



A ACADEMIC BUILDING II
SECOND FLOOR REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM
 EC-3.2 SCALE: 1:100m



B ACADEMIC BUILDING II
THIRD FLOOR REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM
 EC-3.2 SCALE: 1:100m

ENRIQUE O. OLANAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVENUE, LONVOKA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7009;
 426 90244
 FAX NOS: 927 0608;
 426 7214

DESIGNER:
EFREN T. PINEDA
 PROFESSIONAL ELECTRONICS ENGINEER
 PRC No. 0000494 Validity: 12/13/2022
 PTR No. 0703592 Date: 01/04/2021
 Place: QUEZON CITY TIN: 106-351-490

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

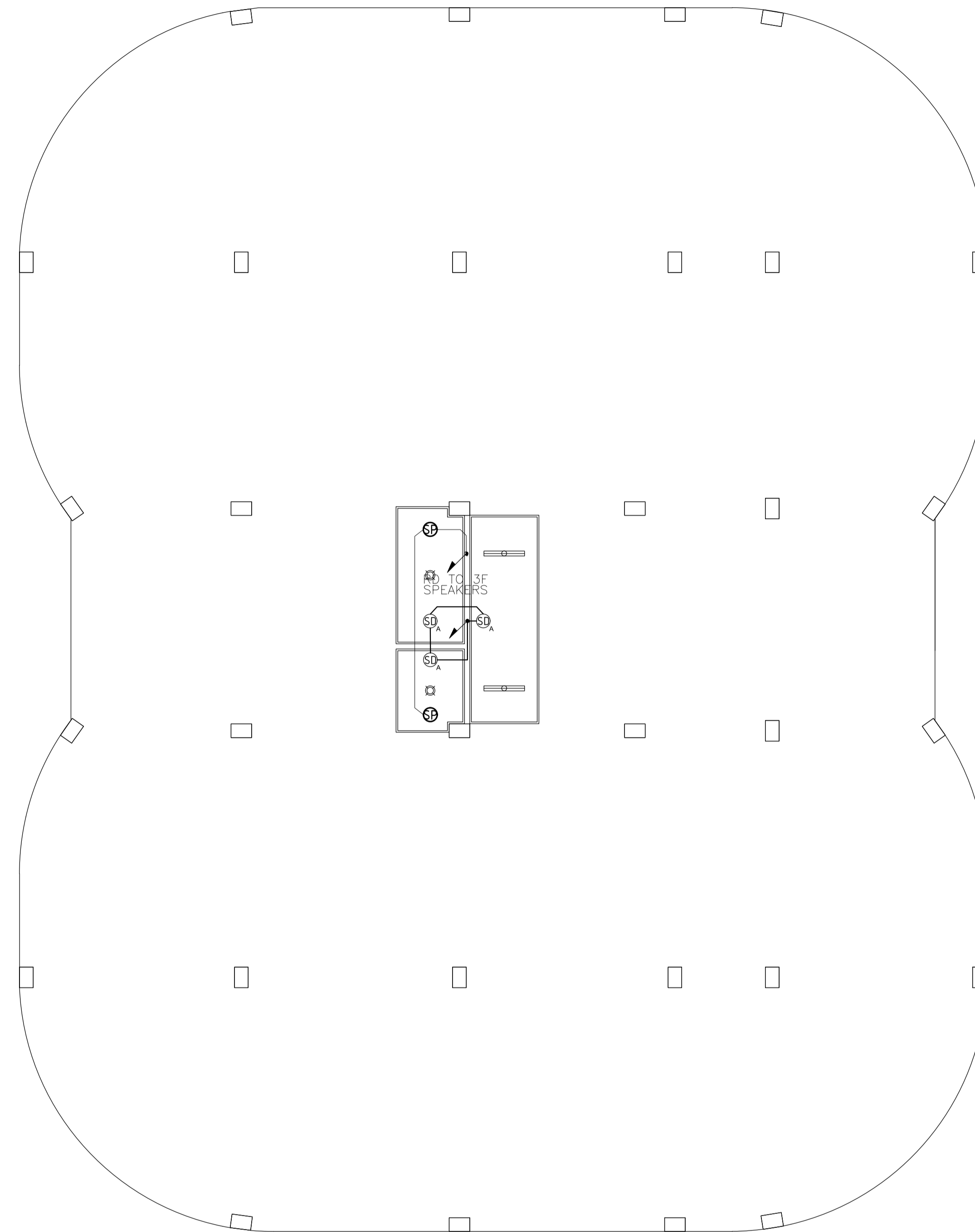
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

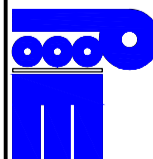


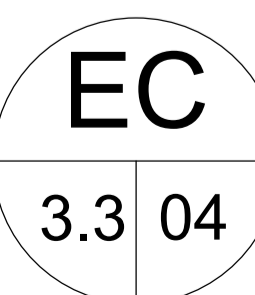
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SECOND FLOOR REFLECTED CEILING PLAN
 FDAS AND PA BGM SYSTEM
 THIRD FLOOR REFLECTED CEILING PLAN
 FDAS AND PA BGM SYSTEM

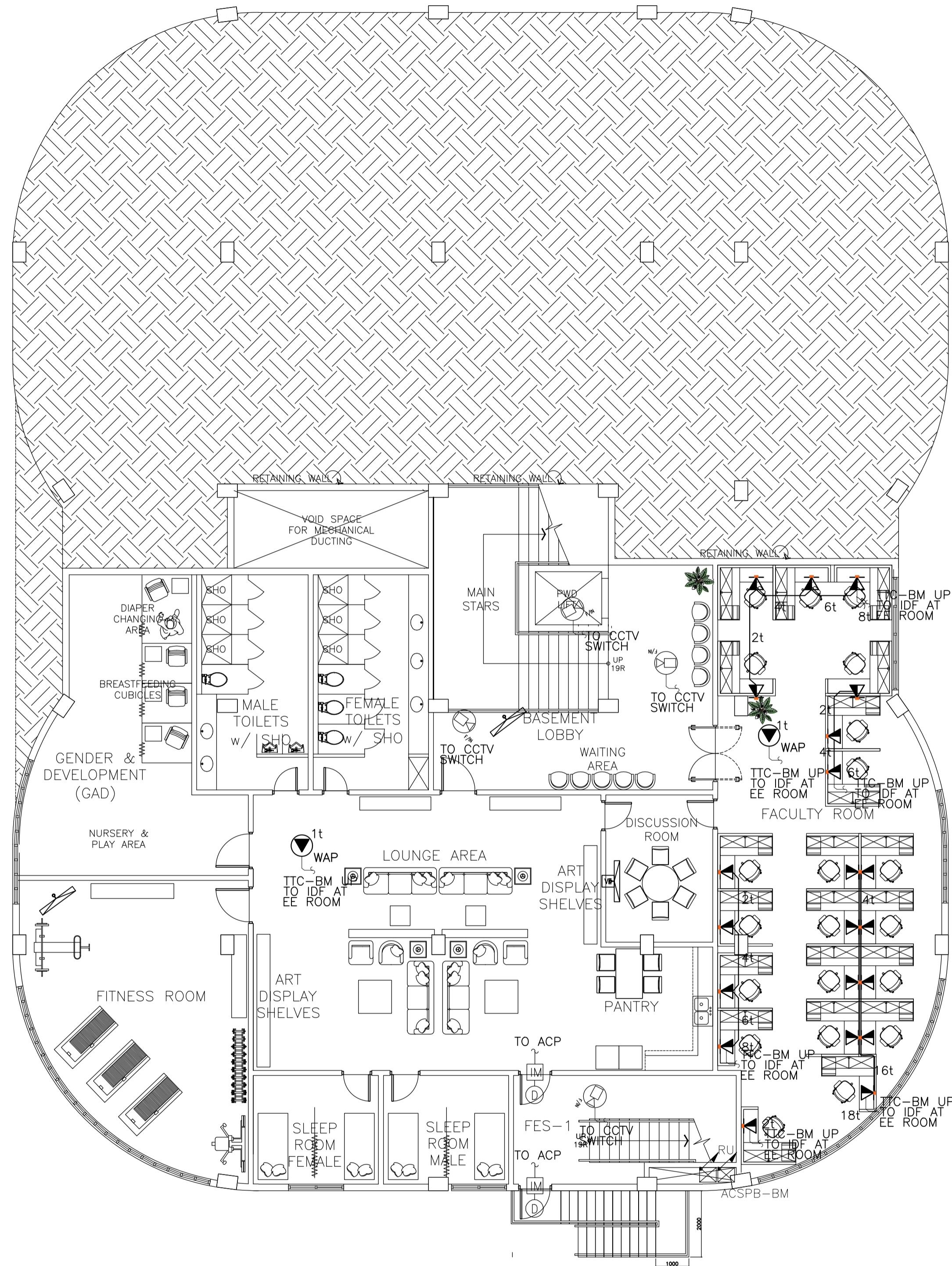
SHEET NO:
EC
3.2 04



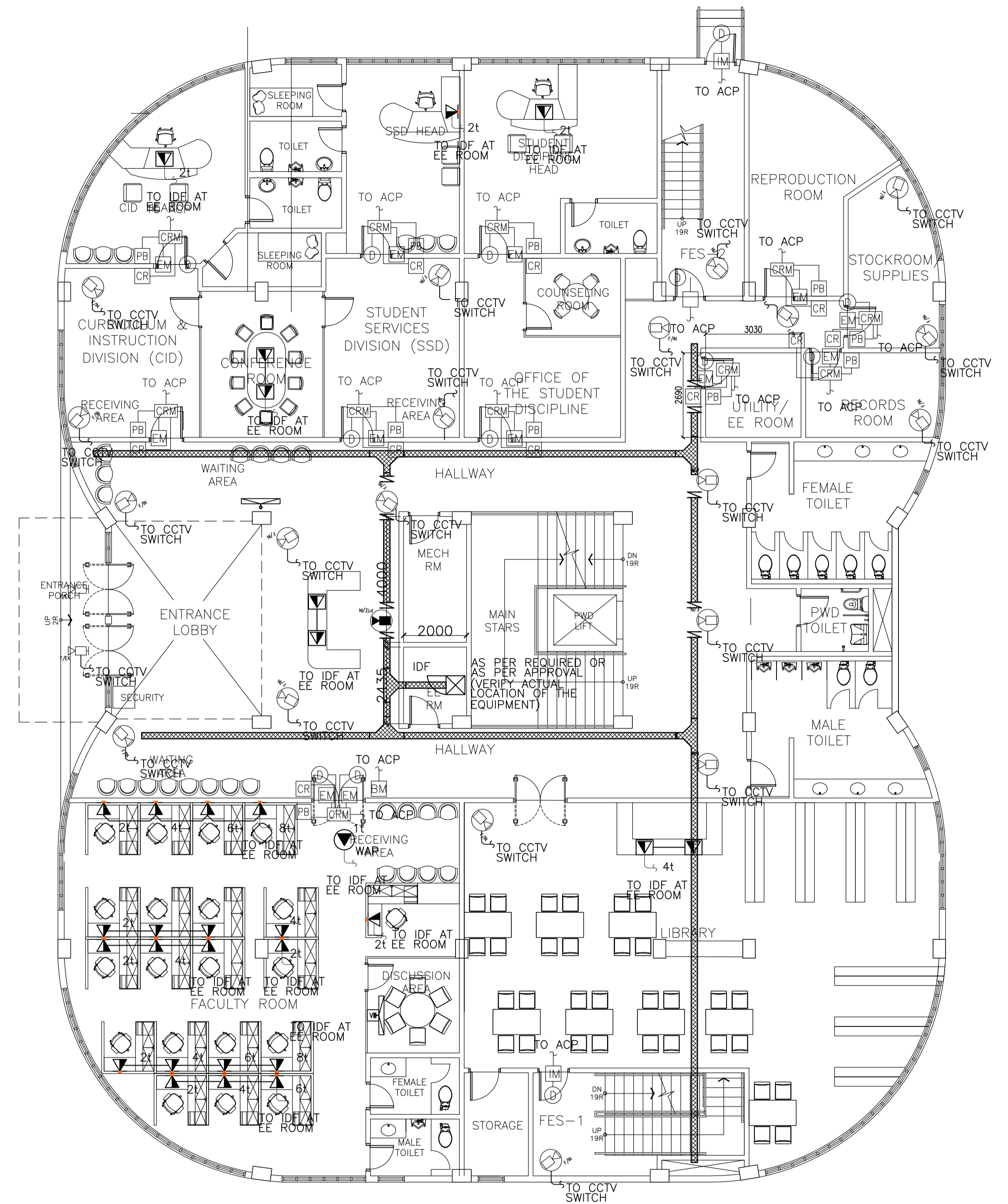
A ACADEMIC BUILDING II
EC-3.3 ROOF DECK REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM
 SCALE: 1:100m

 ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH  ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	SUITE 305 XAVERVILLE SQUARE CONDOMINIUM NO. 38 XAVERVILLE AVE., LOYOLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 90244 FAX NOS: 927 0608; 426 7214	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER PRC No. 0000494 Validity: 12/13/2022 PTR No. 0703592 Date: 01/04/2021 Place: QUEZON CITY TIN: 106-351-490	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II LOCATION: Brgy. Rizal, Odiongan, Romblon	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: ROOF DECK REFLECTED CEILING PLAN FDAS AND PA BGM SYSTEM	SHEET NO: 
--	--	---	--	--	---	--	---	---	--

GENERAL NOTES: REFERENCE FOR ROUGHING-INS



A ACADEMIC BUILDING II
BASEMENT FLOOR PLAN ACS CCTV CATV AND TELCO SYSTEM
 EC-3.4 SCALE: 1:100m



B ACADEMIC BUILDING II
GROUND FLOOR PLAN ACS, CCTV, CATV AND TELCO SYSTEM
 EC-3.4 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVIERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVIERVILLE
 AVE., LORONIA HEIGHTS,
 QUEZON CITY, 1108
 TEL. NOS: 426 7000;
 426 9024
 FAX NOS: 927 0608;
 426 7214

DESIGNER:	
EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER	
PRC No. 0000494	Validity: 12/13/2022
PTR No. 0703592	Date: 01/04/2021
Place: QUEZON CITY	TIN: 106-351-490

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II
LOCATION:	Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

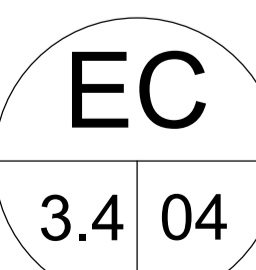


REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

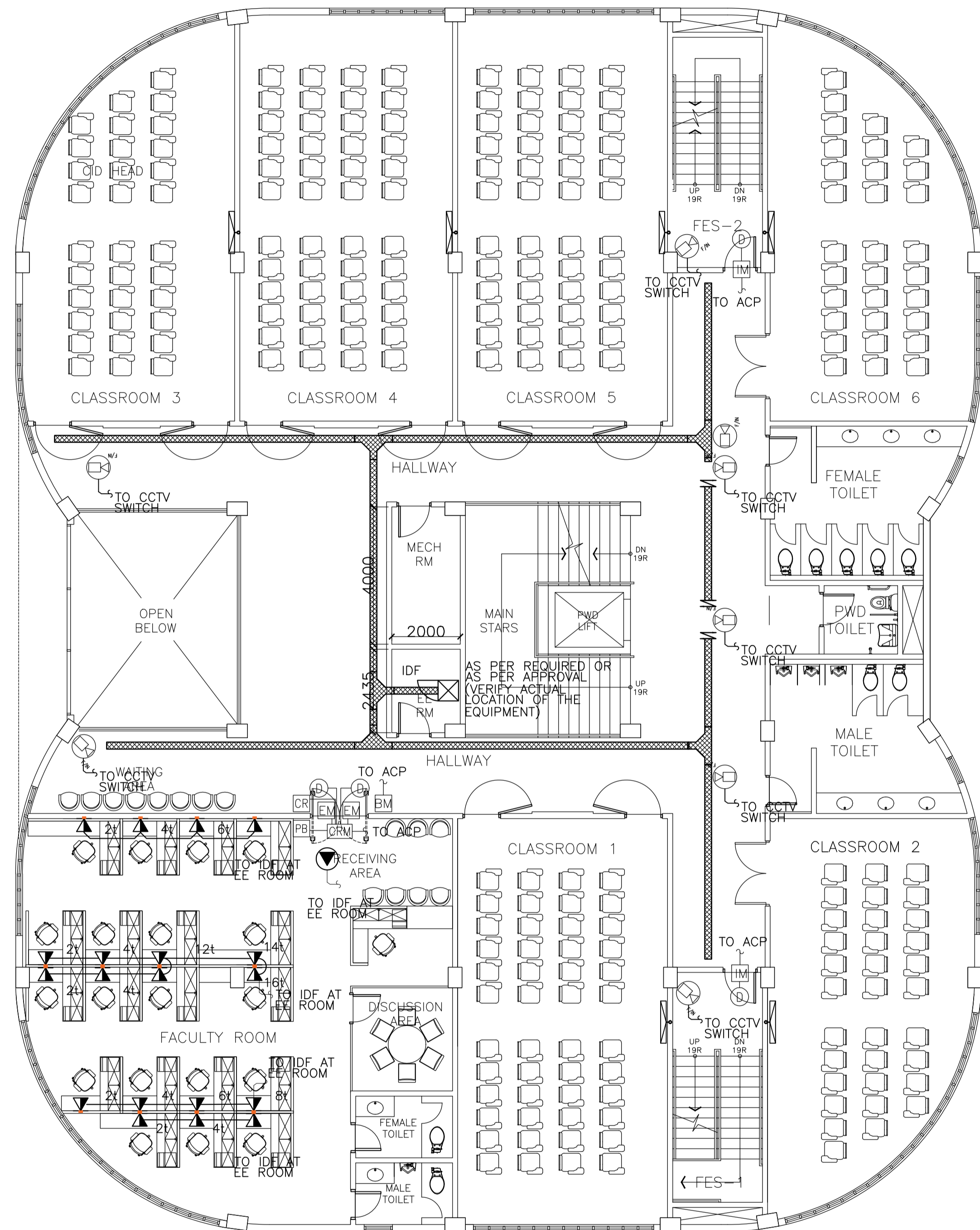
RECOMMENDING APPROVAL:	MERIAM F. FALLAR FAD CHIEF
------------------------	--------------------------------------

APPROVED BY:	EDWARD C. ALBARACIN CAMPUS DIRECTOR
--------------	---

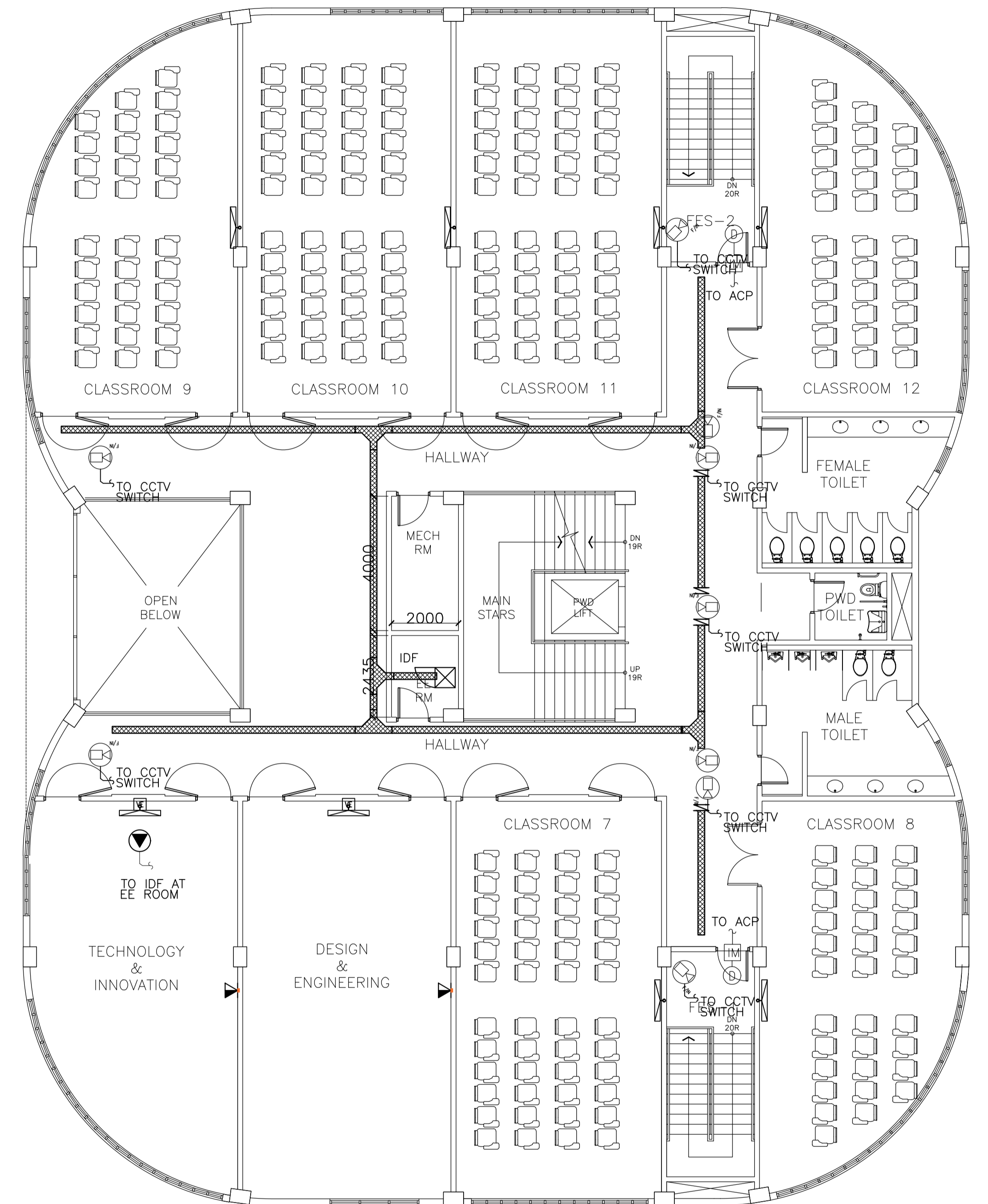
SHEET CONTENTS:	BASEMENT FLOOR PLAN ACS, CCTV, CATV AND TELCO SYSTEM GROUND FLOOR PLAN ACS, CCTV, CATV AND TELCO SYSTEM
-----------------	--

SHEET NO:


GENERAL NOTES: REFERENCE FOR ROUGHING-INS



A ACADEMIC BUILDING II
SECOND FLOOR PLAN ACS, CCTV, CATV AND TELCO SYSTEM
 EC-3.5 SCALE: 1:100m



B ACADEMIC BUILDING II
THIRD FLOOR PLAN ACS, CCTV, CATV AND TELCO SYSTEM
 EC-3.5 SCALE: 1:100m

ENRIQUE O. OLONAN & ASSOCIATES
 ARCHITECTS ENGINEERS CONSULTANTS
 IN JOINT VENTURE WITH
ENRIQUE O. OLONAN & ASSOCIATES, CO.
 ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
 XAVERVILLE SQUARE
 CONDOMINIUM
 NO. 38 XAVERVILLE
 AVE., LOROVIA HEIGHTS,
 QUEZON CITY, 1108
 TEL NOS: 426 7000;
 426 90244
 FAX NOS: 927 0668;
 426 7214

DESIGNER:
EFREN T. PINEDA
 PROFESSIONAL ELECTRONICS ENGINEER
 PRC No. 0000494 Validity: 12/13/2022
 PTR No. 0703592 Date: 01/04/2021
 Place: QUEZON CITY TIN: 106-351-490

REPUBLIC ACT 9266
 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
PROPOSED ACADEMIC BUILDING II
 LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

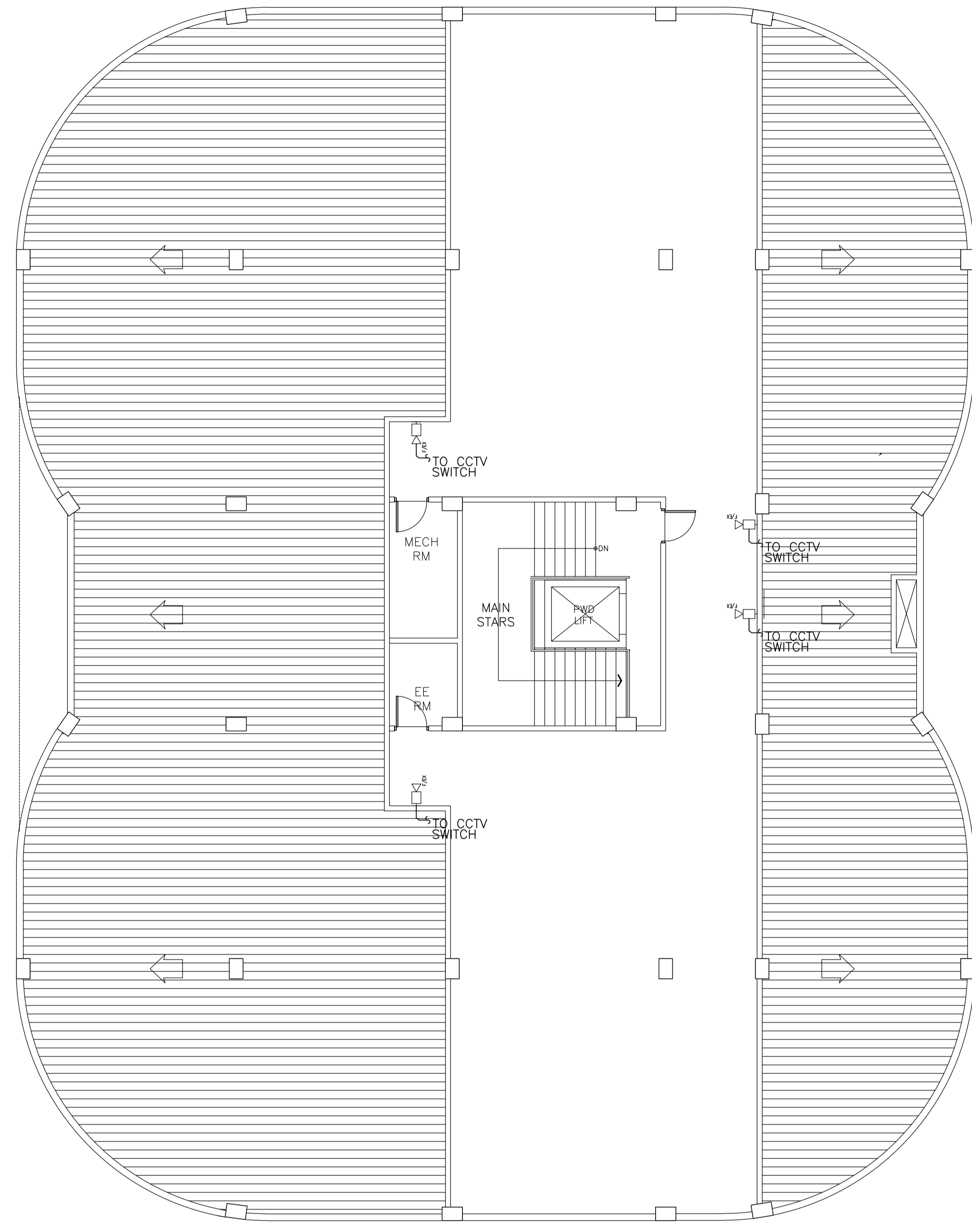
 REPUBLIC OF THE PHILIPPINES
 PHILIPPINE SCIENCE HIGH SCHOOL -
 MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:
MERIAM F. FALLAR
 FAD CHIEF

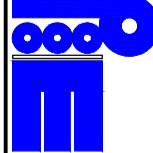


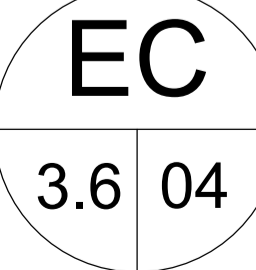
APPROVED BY:
EDWARD C. ALBARACIN
 CAMPUS DIRECTOR

SHEET CONTENTS:
 SECOND FLOOR PLAN
 ACS, CCTV, CATV AND TELCO SYSTEM
 THIRD FLOOR PLAN
 ACS, CCTV, CATV AND TELCO SYSTEM

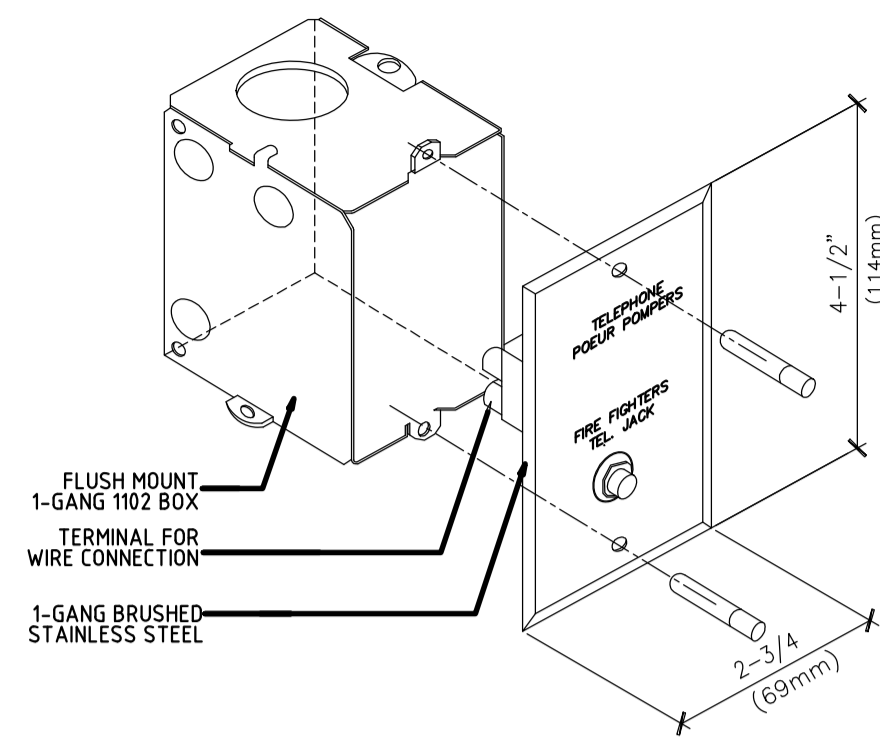
SHEET NO:
EC 3.5 04



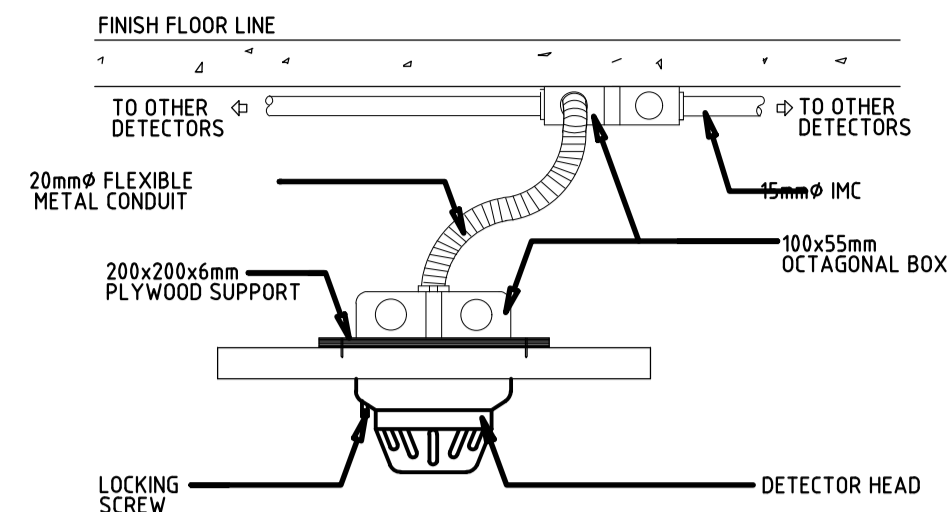
A ACADEMIC BUILDING II
ROOF DECK PLAN
 A-04 SCALE: 1:100m

 ENRIQUE O. OLANON & ASSOCIATES ARCHITECTS ENGINEERS CONSULTANTS IN JOINT VENTURE WITH  ENRIQUE O. OLANON & ASSOCIATES, CO. ARCHITECTS ENGINEERS CONSULTANTS	SUITE 305 XAVIERVILLE SQUARE CONDOMINIUM NO. 38 XAVIERVILLE AVE., LOROLA HEIGHTS, QUEZON CITY, 1108 TEL. NOS: 426 7009; 426 3002-04 FAX NOS: 927 0608; 426 7214	DESIGNER: EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER	REPUBLIC ACT 9266 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.	PROJECT: PROPOSED ACADEMIC BUILDING II	DESIGNED FOR:  REPUBLIC OF THE PHILIPPINES PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGIONAL CAMPUS	RECOMMENDING APPROVAL: MERIAM F. FALLAR FAD CHIEF	APPROVED BY: EDWARD C. ALBARACIN CAMPUS DIRECTOR	SHEET CONTENTS: ROOF DECK PLAN CCTV LAYOUT	SHEET NO: 
	PRC No. 0000494 Validity: 12/13/2022 PTR No. 0703592 Date: 01/04/2021 Place: QUEZON CITY TIN: 106-351-490	LOCATION: Brgy. Rizal, Odiongan, Romblon							

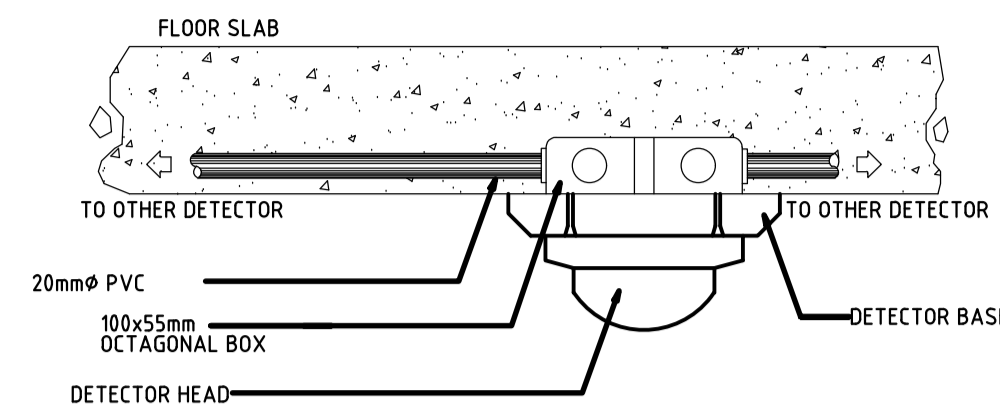
GENERAL NOTES: REFERENCE FOR ROUGHING-INS



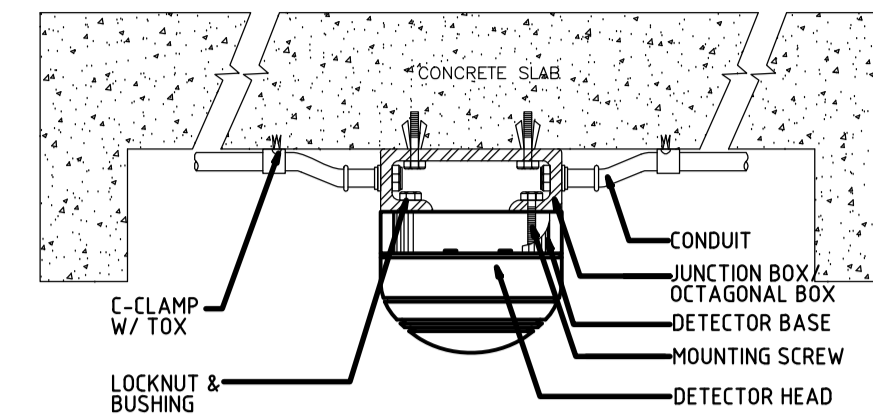
1 FDAS MOUNTING DETAILS
FIREMAN'S TEL JACK
EC-4.1 SCALE: N.T.S.



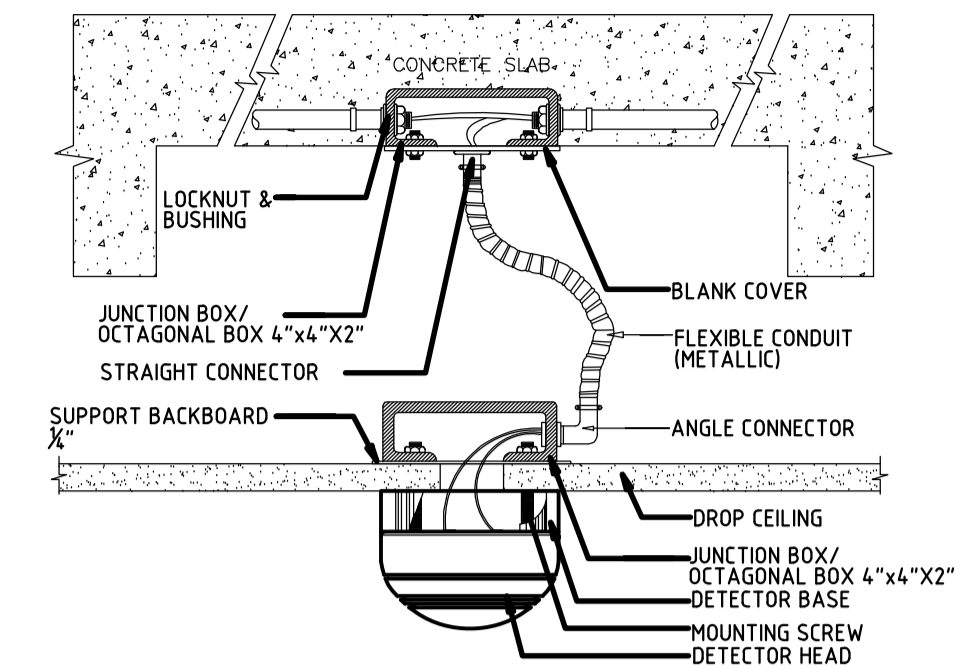
2 FDAS FLUSH-MOUNTING DETAILS
TYPICAL DETECTOR
EC-4.1 SCALE: N.T.S.



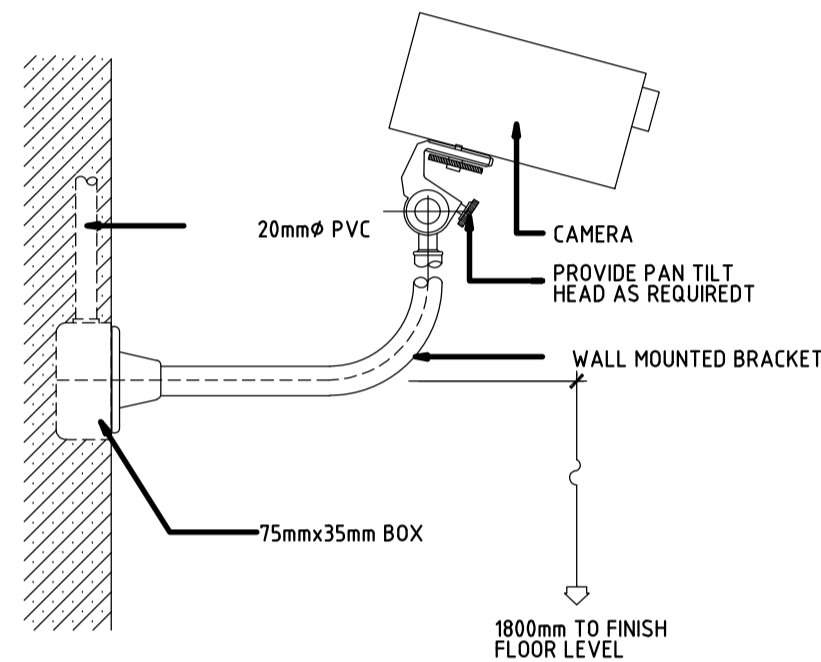
3 FDAS SURFACE-MOUNTING DETAILS
TYPICAL DETECTOR
EC-4.1 SCALE: N.T.S.



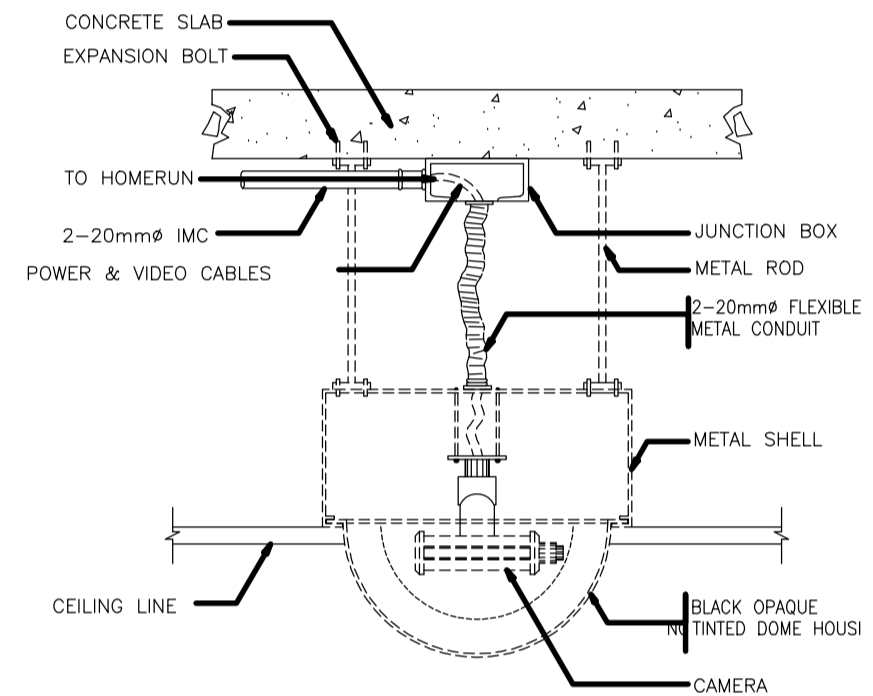
4 FDAS HEAT/SMOKE MOUNTING DETAILS
EXPOSED CONDUIT
EC-4.1 SCALE: N.T.S.



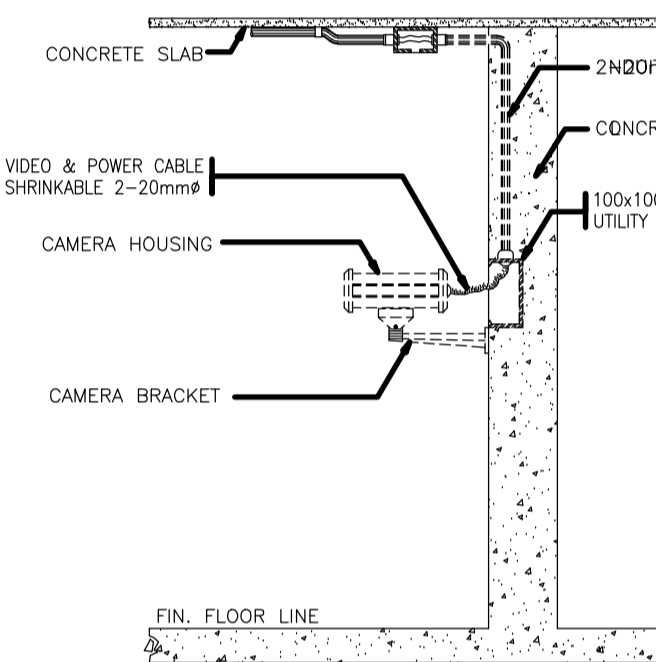
5 FDAS HEAT/SMOKE MOUNTING DETAILS
EMBEDDED CONDUIT
EC-4.1 SCALE: N.T.S.



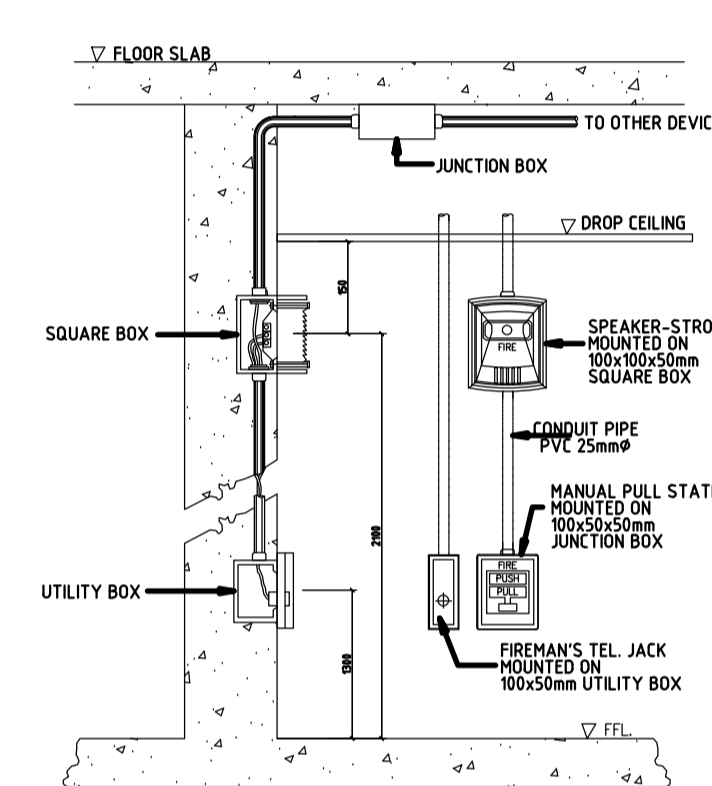
6 CCTV MOUNTING DETAILS
WALL MOUNT 1
EC-4.1 SCALE: N.T.S.



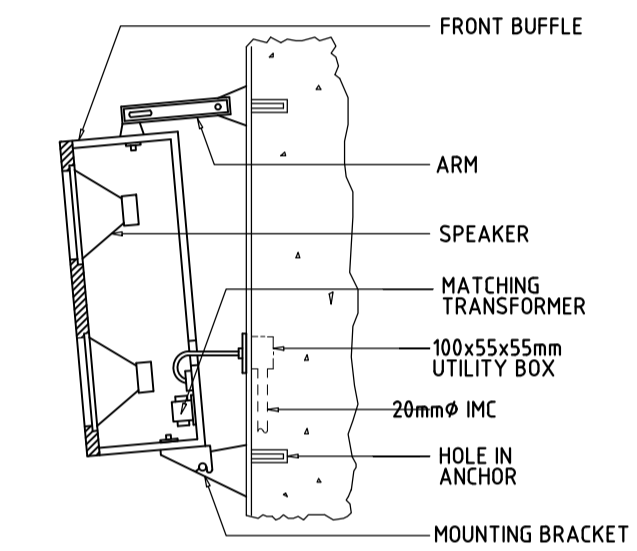
7 CCTV MOUNTING DETAILS
CEILING MOUNTED
EC-4.1 SCALE: N.T.S.



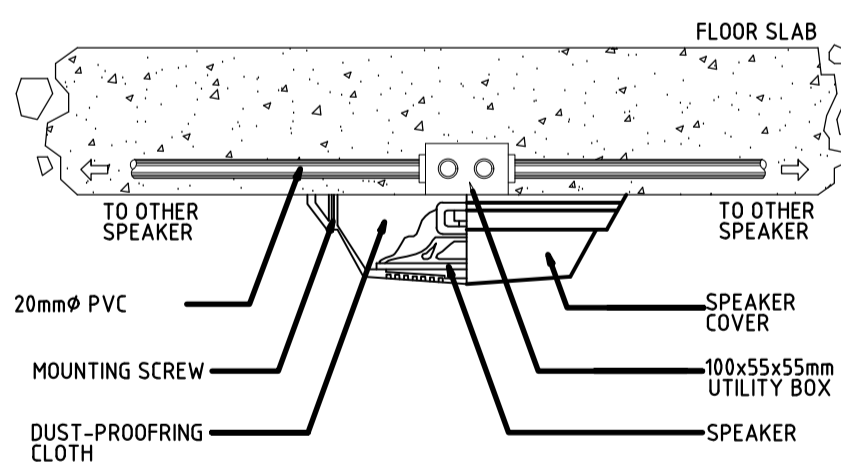
8 CCTV MOUNTING DETAILS
WALL MOUNT 2
EC-4.1 SCALE: N.T.S.



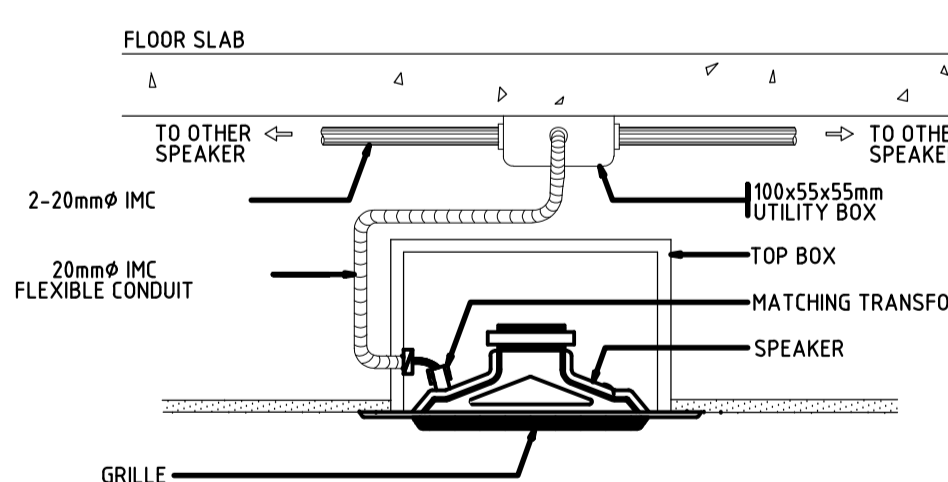
9 FDAS MOUNTING DETAILS
SOUNDER & MANUAL PULL
EC-4.1 SCALE: N.T.S.



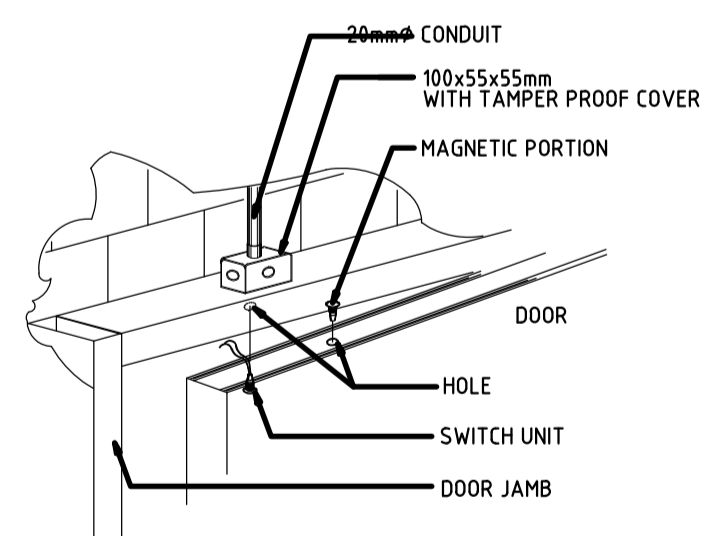
10 LOUDSPEAKER MOUNTING DETAILS
SIDE/COLUMN MOUNTED
EC-4.1 SCALE: N.T.S.



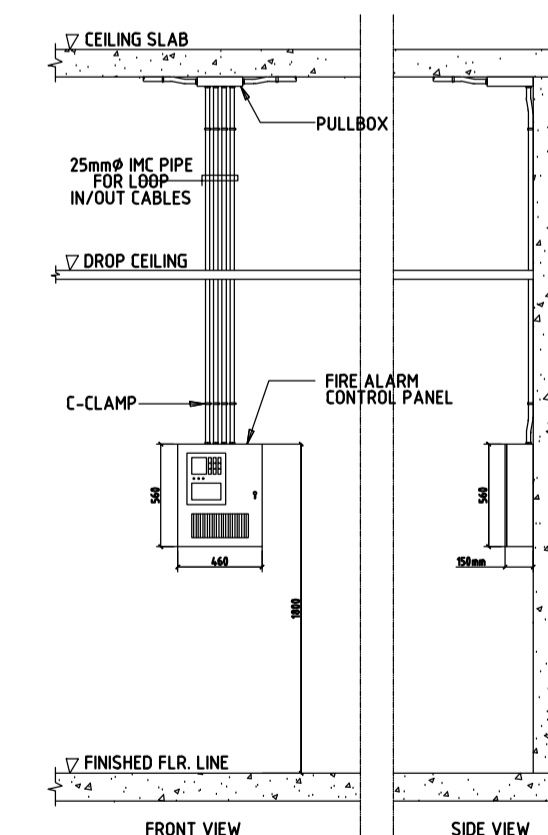
11 SPEAKER MOUNTING DETAILS
CEILING SPEAKER 1
EC-4.1 SCALE: N.T.S.



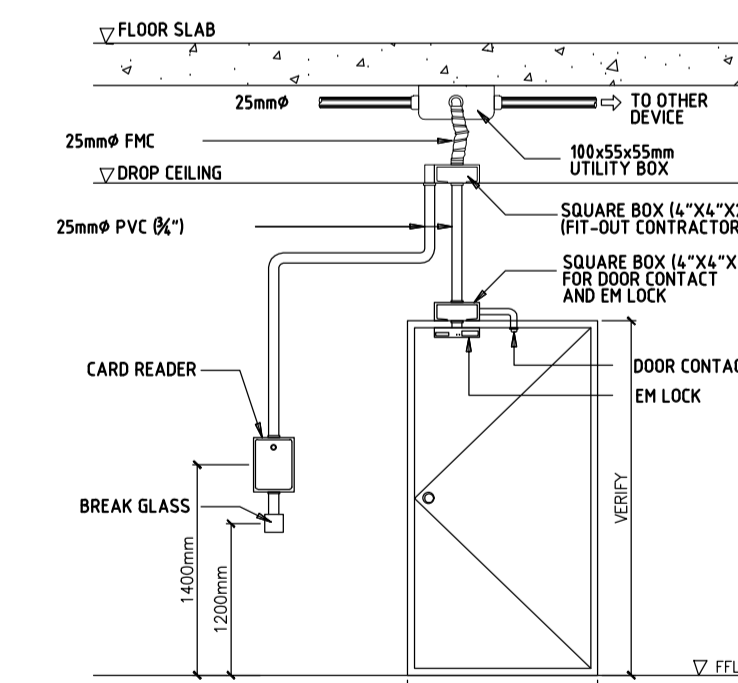
12 SPEAKER MOUNTING DETAILS
CEILING SPEAKER 2
EC-4.1 SCALE: N.T.S.



13 ACS LOCK MOUNTING DETAILS
MAGNETIC DOOR SWITCH
EC-4.1 SCALE: N.T.S.



13 FDAS MOUNTING DETAILS
SURFACE MOUNTED
EC-4.1 SCALE: N.T.S.



15 ACS CARD READER/BREAKER
EM LOCK DETAIL
EC-4.1 SCALE: N.T.S.

ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LORON HEIGHTS,
QUEZON CITY, 1108
TEL. NOS: 426 7000;
426 3002/4
FAX NOS: 927 0608;
426 7214

DESIGNER:
EFREN T. PINEDA
PROFESSIONAL ELECTRONICS ENGINEER

PRC No. 0000494 Validity: 12/13/2022
PTR No. 0703592 Date: 01/04/2021
Place: QUEZON CITY TIN: 106-351-490

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:
**PROPOSED
ACADEMIC BUILDING II**

LOCATION: Brgy. Rizal, Odiangan, Romblon

DESIGNED FOR:

REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

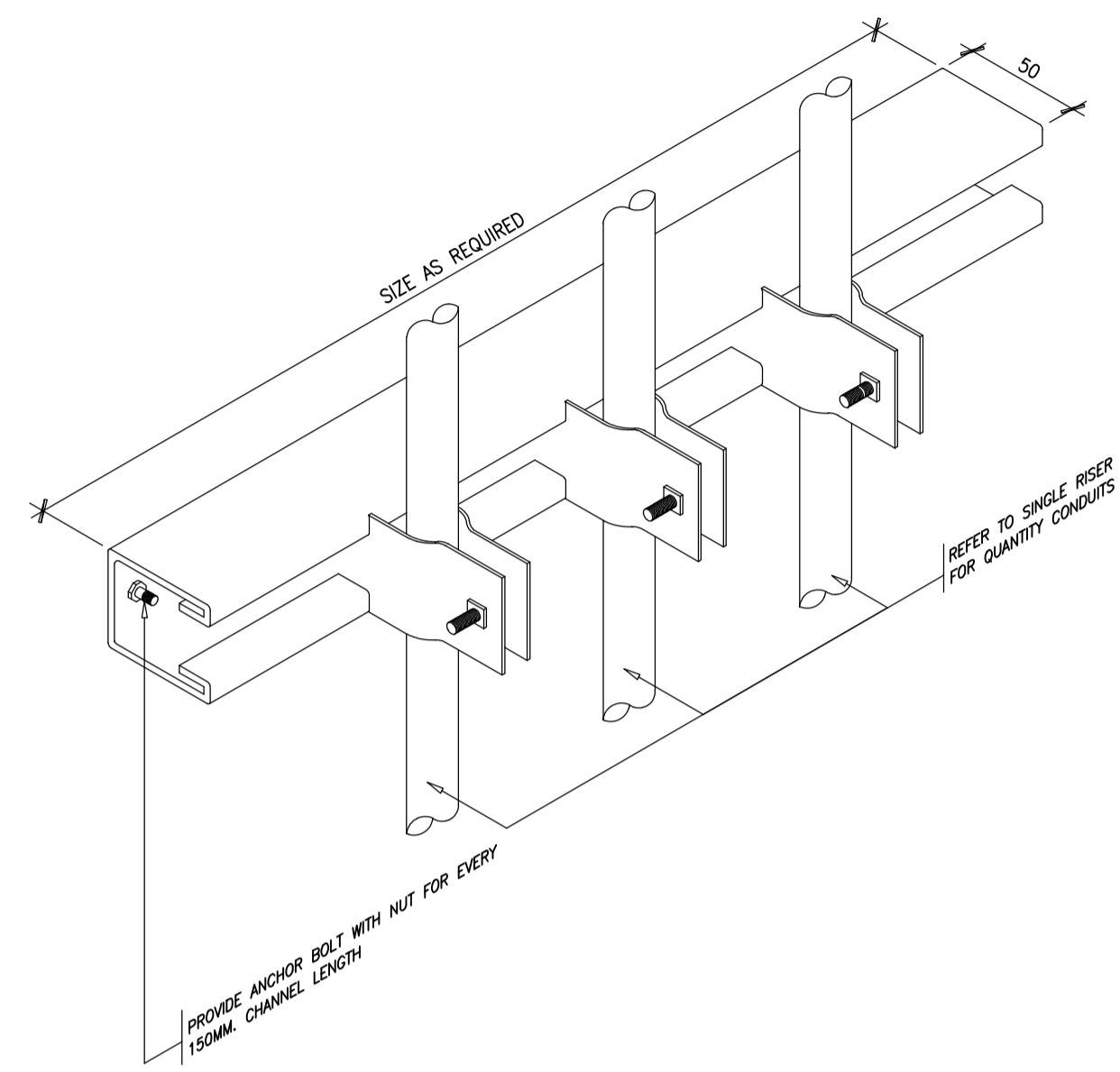
RECOMMENDING APPROVAL:
MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

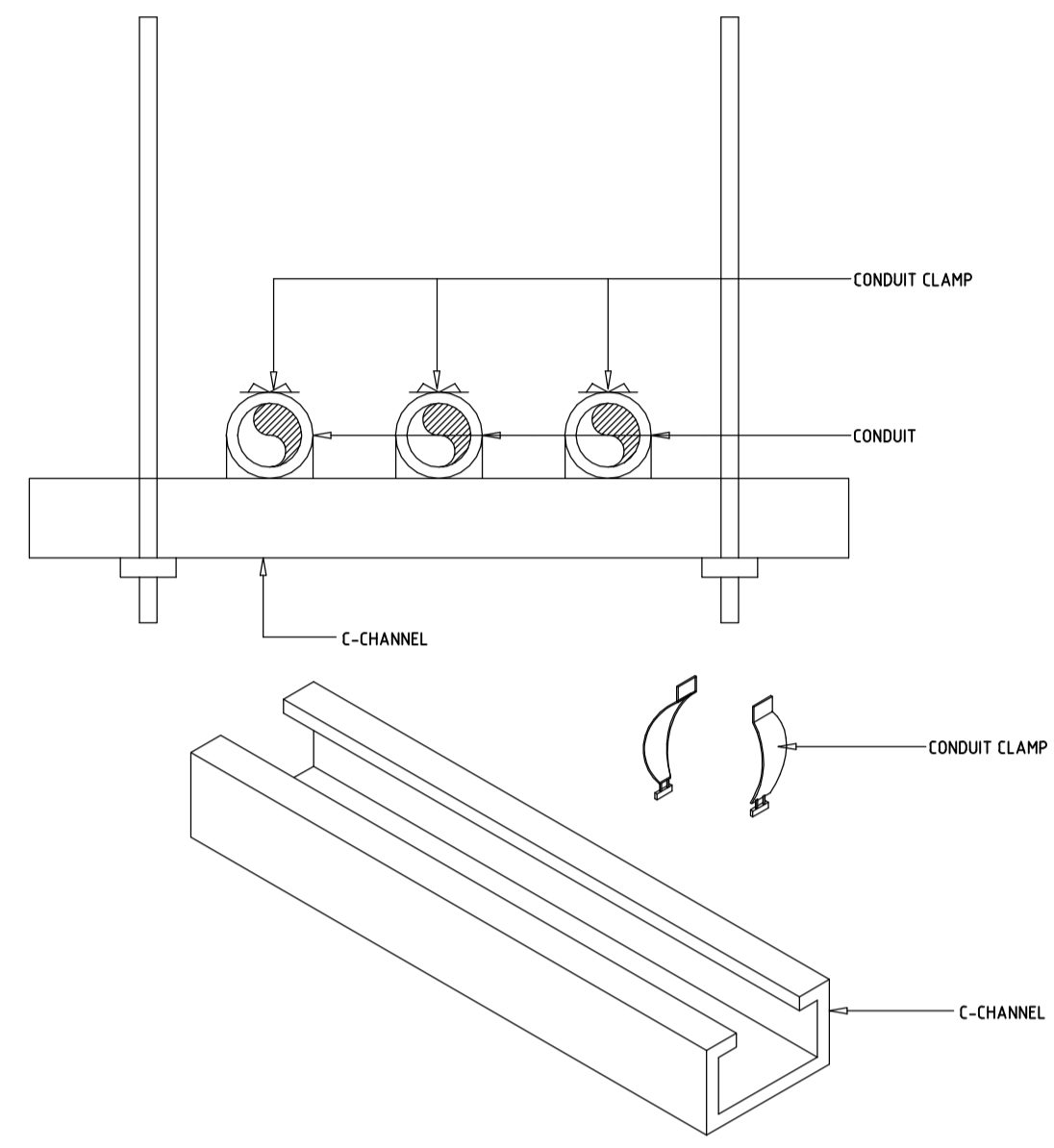
SHEET CONTENTS:
MISCELLANEOUS DETAILS-1

SHEET NO:
**EC
4.1 04**

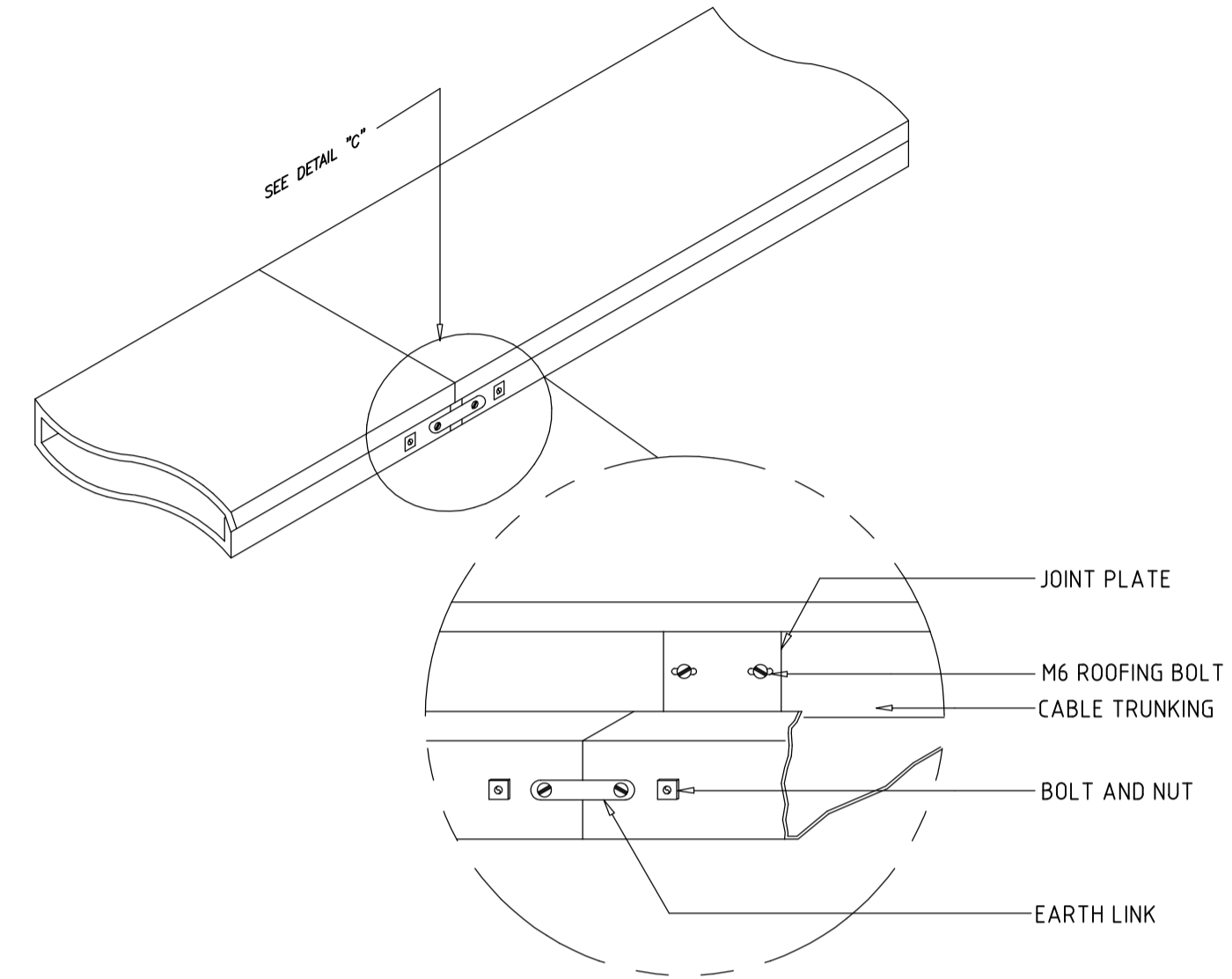
GENERAL NOTES: REFERENCE FOR ROUGHING-INS



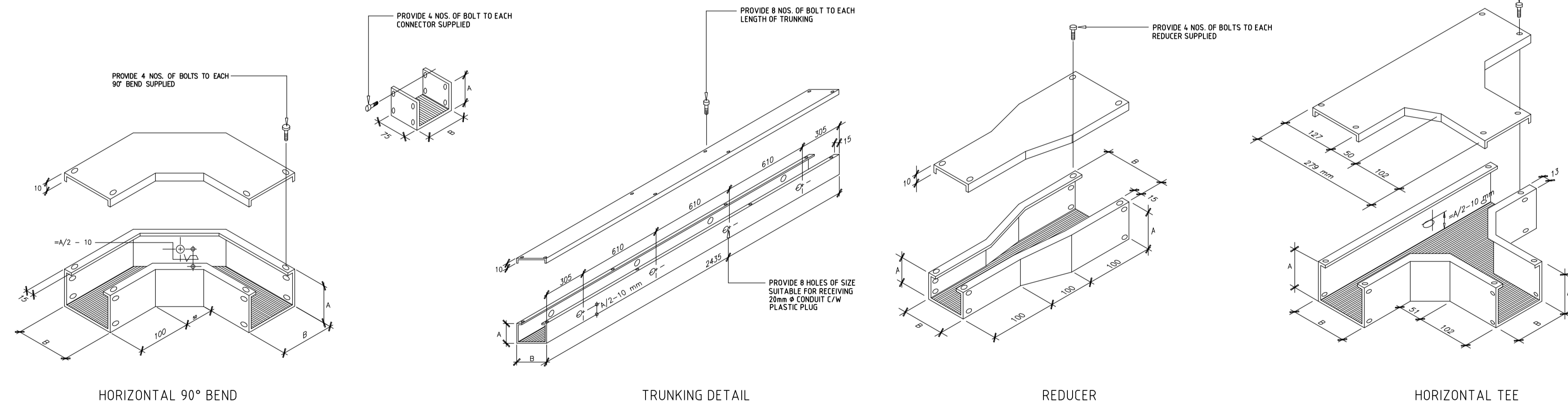
1 TELECOMS TYPICAL
CONDUIT RISER DETAIL
EC-4.2 SCALE: N.T.S.



2 TELECOMS TYPICAL
CONDUIT SUPPORT DETAIL
EC-4.2 SCALE: N.T.S.



3 TELECOMS TYPICAL
CABLE TRUNKING DETAIL
EC-4.2 SCALE: N.T.S.



4 FDAS HEAT/SMOKE MOUNTING DETAILS
CABLE TRUNKING AND CONDUIT SUPPORT DETAIL
EC-4.2 SCALE: N.T.S.

ENRIQUE O. OLANAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS
IN JOINT VENTURE WITH
ENRIQUE O. OLANAN & ASSOCIATES, CO.
ARCHITECTS ENGINEERS CONSULTANTS

SUITE 305
XAVIERVILLE SQUARE
CONDOMINIUM
NO. 38 XAVIERVILLE
AVENUE, LOYOLA HEIGHTS,
QUEZON CITY, 1108
TEL NOS: 426 7009;
426 90244
FAX NOS: 927 0608;
426 7214

DESIGNER:	
EFREN T. PINEDA PROFESSIONAL ELECTRONICS ENGINEER	
PRC No. 0000494	Validity: 12/13/2022
PTR No. 0703592	Date: 01/04/2021
Place: QUEZON CITY	TIN: 106-351-490

REPUBLIC ACT 9266
DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENT OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENT.

PROJECT:	PROPOSED ACADEMIC BUILDING II
LOCATION:	Brgy. Rizal, Odiongan, Romblon

DESIGNED FOR:



REPUBLIC OF THE PHILIPPINES
PHILIPPINE SCIENCE HIGH SCHOOL -
MIMAROPA REGIONAL CAMPUS

RECOMMENDING APPROVAL:

MERIAM F. FALLAR
FAD CHIEF

APPROVED BY:

EDWARD C. ALBARACIN
CAMPUS DIRECTOR

SHEET CONTENTS:

MISCELLANEOUS DETAILS-2

SHEET NO:

EC

4.2 04

GENERAL NOTES: REFERENCE FOR ROUGHING-INS

<p>1 TELECOMS TYPICAL CABLE TRAY SUSPENDED FROM CEILING SLAB EC-4.3 SCALE: N.T.S.</p>	<p>3 TELECOMS TYPICAL CABLE TRAY WITH CHANGE OF ELEVATION EC-4.3 SCALE: N.T.S.</p>	<p>4 TELECOMS TYPICAL CABLE TRAY WITH WALL-MOUNT SUPPORT EC-4.3 SCALE: N.T.S.</p>	<p>5 TELECOMS TYPICAL CABLE TRAY CABLE DROP-OFF EC-4.3 SCALE: N.T.S.</p>
<p>2 TELECOMS TYPICAL CABLE TRAY WITH WALL-MOUNT SUPPORT EC-4.3 SCALE: N.T.S.</p>	<p>6 TELECOMS TYPICAL CABLE TRAY ACCESSORIES DETAILS EC-4.3 SCALE: N.T.S.</p>	<p>7 TELECOMS TYPICAL CABLE TRAY EXPANSION CONNECTION DETAILS EC-4.3 SCALE: N.T.S.</p>	<p>8 TELECOMS TYPICAL CABLE TRAY WALL-MOUNT INSTALLATION EC-4.3 SCALE: N.T.S.</p>