



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
SOUTHERN LEYTE 2nd DISTRICT ENGINEERING OFFICE
SOGOD, SOUTHERN LEYTE

C.Y. 2025 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR
**CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC
INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/FACILITIES
TO SUPPORT SOCIAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING**

BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE
10.2677° N, 125.1592° E

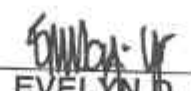
SUBMITTED


RAINIER LOU C. RUIZ
CHIEF, PLANNING & DESIGN SECTION

DATE:

FEB 10 2025

RECOMMENDED:


EVELYN D. YAP
ASSISTANT DISTRICT ENGINEER

DATE: FEB 17 2025

APPROVED:


EDUARDO V. SANTOS
DISTRICT ENGINEER

DATE: FEB 17 2025



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
SOUTHERN LEYTE 2nd DISTRICT ENGINEERING OFFICE
SOGOD, SOUTHERN LEYTE

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BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE
10.2677° N, 125.1592° E

SPECIFICATION REFERENCE:

DPWH STANDARD SPECIFICATIONS VOLUME III 2019, BUILDINGS, PORTS & HARBORS,
FLOOD CONTROL & DRAINAGE STRUCTURES & WATER SUPPLY SYSTEM.

DPWH STANDARD SPECIFICATIONS 2013 VOLUME II, HIGHWAYS, BRIDGES AND AIRPORTS.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII SOUTHERN LEYTE 2 nd DISTRICT ENGINEERING OFFICE SOGOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.
	CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	COVER PAGE	DRAFTED: KEAVYN C. ORRAL DATE: FEB 07 2025 PREPARED: JUMBOE C. VILLEJO DATE: FEB 07 2025	REVIEWED: JOSE A. BALTRAZAN DATE: FEB 10 2025	SUBMITTED: RAIMERLOU C. RUIZ DATE: FEB 10 2025	RECOMMENDED: EVELYN D. LAP DATE: FEB 17 2025	APPROVED: EDUARDO V. SANTOS DATE: FEB 17 2025	CS 15	1 14

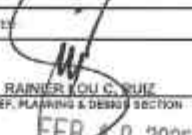
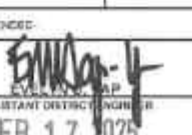
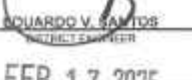


**EXTERIOR
PERSPECTIVE**



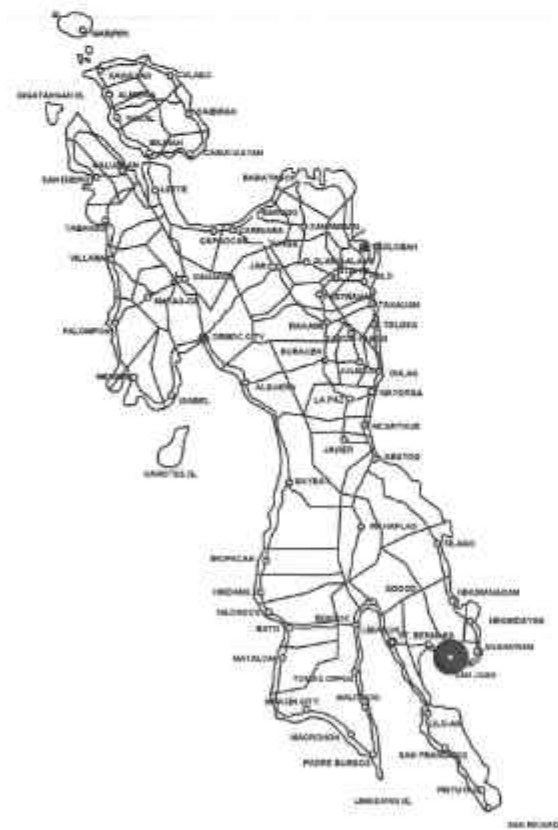
PERSPECTIVE (PHASE 1)

INDEX OF SHEETS			REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE BUILDING OFFICIAL	
SHEET NO. 1	CS	COVER PAGE	DISTRICT / MUNICIPALITY	
SHEET NO. 2	CS	INDEX OF SHEETS	LAND USE & ZONING	
SHEET NO. 3	CS	LOCATION MAP	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 4	CS	OTHER GENERAL REQUIREMENTS	LINE & GRADE	
SHEET NO. 5	CS	SUMMARY OF QUANTITIES	BUILDING OFFICIAL _____ DATE _____	
ARCHITECTURAL			ARCHITECTURAL	
SHEET NO. 6	A1	SITE DEVELOPMENT PLAN	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 7	A2	GROUND FLOOR PLAN, SECOND FLOOR PLAN	CIVIL/STRUCTURAL	
SHEET NO. 8	A3	ROOF PLAN, SCHED OF DOORS AND WINDOWS	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 9	A4	REFLECTED CEILING PLANS	ELECTRICAL	
SHEET NO. 10	A5	FRONT ELEVATION, REAR ELEVATION	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 11	A6	LEFT SIDE ELEVATION RIGHT SIDE ELVATION	MECHANICAL	
SHEET NO. 12	A7	SECTION THRU "A" SECTION THRU "B"	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 13	A8	STAIR DETAILS	SANITARY	
SHEET NO. 14	A9	BILLBOARDS	BUILDING OFFICIAL _____ DATE _____	
STRUCTURAL			PLUMBING	
SHEET NO. 15	S1	STRUCTURAL NOTES	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 16	S2	STRUCTURAL NOTES	ELECTRONICS	
SHEET NO. 17	S3	FOUNDATION PLAN, SCHED OF FOOTING SCHED OF COLUMN, TIE BEAM SCHED	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 18	S4	SECOND FLOOR BEAM FRAMING PLAN	GEODETIC ENGINEER	
SHEET NO. 19	S5	SLAB REINFORCEMENT, SLAB SCHEDULE	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 20	S6	STAIR DETAIL PLAN	BUILDING OFFICIAL _____ DATE _____	
ELECTRICAL			BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 21	E1	ELECTRICAL NOTES, SCHED OF LOADS	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 22	E2	GROUND FLOOR LIGHTING LAYOUT SECOND FLOOR LIGHTING LAYOUT	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 23	E3	GROUND FLOOR POWER LAYOUT SECOND FLOOR POWER LAYOUT	BUILDING OFFICIAL _____ DATE _____	
PLUMBING			BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 24	P1	PLUMBING NOTES, TYPICAL DETAILS	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 25	P2	GROUND FLOOR SANITARY LAYOUT SECOND FLOOR SANITARY LAYOUT	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 26	P3	GROUND FLOOR STORM DRAINAGE LAYOUT SECOND FLOOR STORM DRAINAGE LAYOUT	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 27	P4	ROOF PLAN STORM DRAINAGE LAYOUT GROUND FLOOR WATERLINE LAYOUT	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 28	P5	SECOND FLOOR WATERLINE LAYOUT SEPTIC VAULT DETAILS	BUILDING OFFICIAL _____ DATE _____	
SHEET NO. 29	P6	ISOMETRIC LAYOUT	BUILDING OFFICIAL _____ DATE _____	

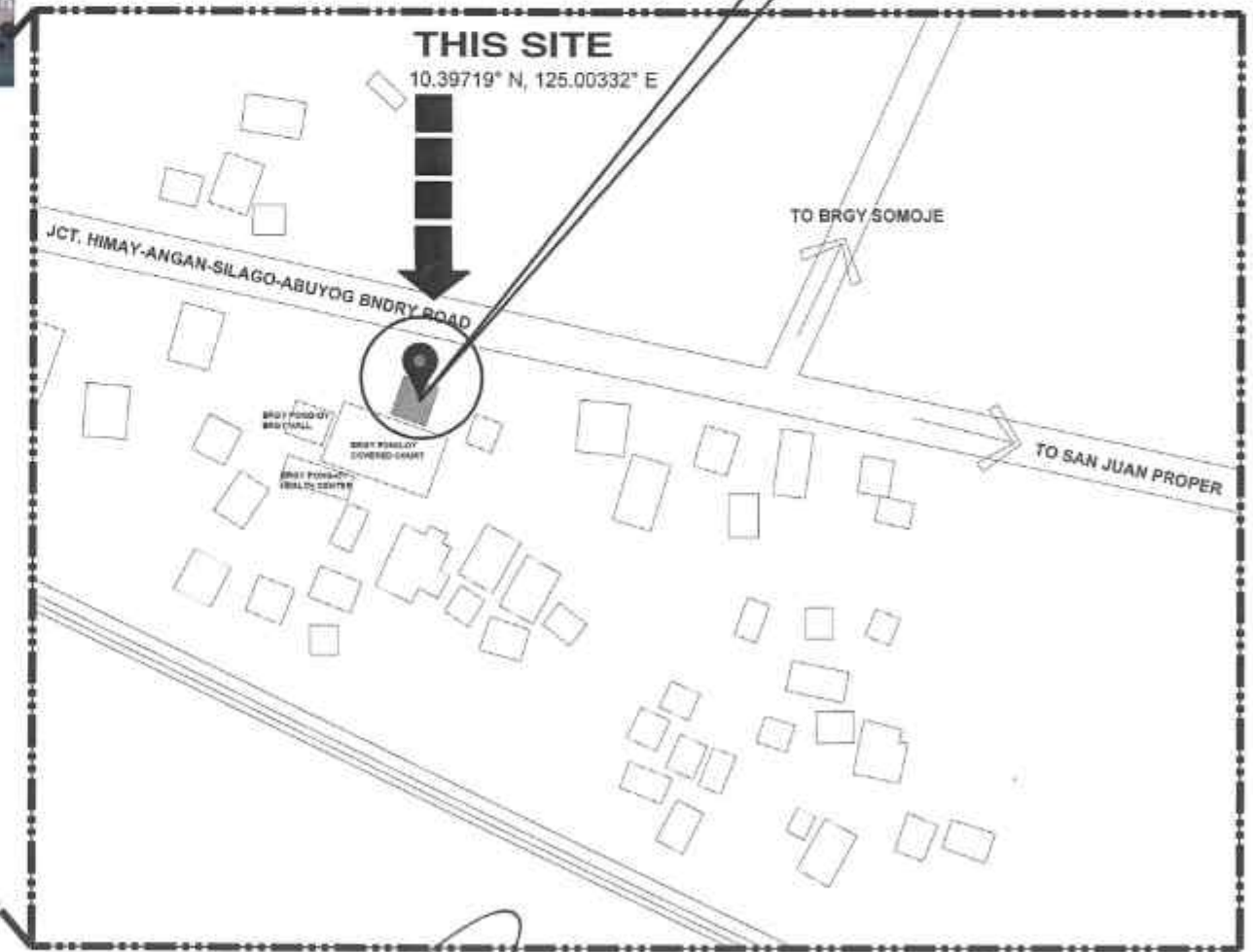
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE BOSGO, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONSJOY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS INDEX OF SHEETS PERSPECTIVE	DRAFTED:  DATE: FEB 17 2025	REVIEWED:  DATE: FEB 10 2025	SUBMITTED:  DATE: FEB 10 2025	RECOMMENDED:  DATE: FEB 17 2025	APPROVED:  DATE: FEB 17 2025	SET NO: 2	SHEET NO: 14
			PREPARED:  DATE: FEB 17 2025	ENGINEER:  DATE: FEB 10 2025	CHIEF, PLANNING & DESIGN SECTION:  DATE: FEB 10 2025	ASSISTANT DISTRICT ENGINEER:  DATE: FEB 17 2025	DISTRICT ENGINEER:  DATE: FEB 17 2025	CS	2



CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC
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- MULTI-PURPOSE BUILDING/FACILITIES
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CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE
10.2877° N, 125.15952° E



SOUTHERN LEYTE MAP



LOCATION MAP



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
SOGOO, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
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SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
LOCATION MAP

DRAFTED
HEAVY INFRASTRUCTURE
DATE: FEB 17 2025
PREPARED
JUNIBEN D. VILLOJO
ENGINEER
DATE: FEB 17 2025

REVIEWED
JOSE A. BALTAZAR
ENGINEER
DATE: FEB 18 2025

SUBMITTED
RAINIER LOU C. RUIZ
CHIEF, PLANNING & DESIGN SECTION
DATE: FEB 17 2025

RECOMMENDED
EVAN YN D. LIP
ASSISTANT DISTRICT ENGINEER
DATE: FEB 17 2025

APPROVED
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE: FEB 17 2025

SET NO. 3
SHEET NO. 14

OTHER GENERAL REQUIREMENTS

ITEM B.5 PROJECT BILLBOARD/SIGNBOARD

1. GENERAL REQUIREMENTS

THE CONTRACTOR SHALL INSTALL TWO (2) PROJECT INFORMATION SIGNS AT / OR NEAR THE BEGINNING AND THE END OF THE PROJECT OR UPON THE DISCRETION OF THE ENGINEER.

THE SIGNS ARE PRESCRIBED SEPARATELY BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS (DPWH) FOR GOVERNMENT INFRASTRUCTURE PROJECTS TO INFORM THE PUBLIC OF THE IMPLEMENTATION OF THE PROJECT AND TO ADVISE THE ROAD USERS OF THE ONGOING CONSTRUCTION.

THE NEW BILLBOARD DESIGN LAYOUT, DIMENSION AND LETTER SIZES ON WHITE BACKGROUND, SHALL BE DEPICTED ON STANDARD BILLBOARD MEASURING 1,220MM X 2,440 MM USING 12.50 MM THICK MARINE PLYWOOD OR TARPULIN OF THE SAME SIZE POSTED ON 5 MM MARINE PLYWOOD. FOR EACH BUILDING PROJECT, THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE. FOR EACH ROAD/BRIDGE/FLOOD CONTROL PROJECT, TWO BILLBOARDS SHALL BE INSTALLED, ONE (1) AT THE BEGINNING AND ONE (1) AT THE END OF THE PROJECT.

FOR ROAD PROJECTS WITH A LENGTH OF 10KM OR MORE, ADDITIONAL BILLBOARD SHALL ALSO BE INSTALLED AT EVERY 5KM INTERVAL. NAME(S) AND/OR PICTURE(S) OF ANY PERSONAGES SHOULD NOT APPEAR ON THE BILLBOARD.

NOT OTHER BILLBOARDS SHALL BE ALLOWED 100 M BEFORE AND 100 M AFTER ALL DPWH PROJECTS AND IN-BETWEEN THE PROJECT LIMITS OR WITHIN THE ROAD RIGHT-OF-WAY. DPWH CONTRACTORS SHALL NOT BE ALLOWED TO PLACE NAMES OF POLITICIANS OR CARRY POLITICAL BILLBOARD ON THEIR EQUIPMENT.

THE CONTRACTOR SHALL ALSO INSTALL ONE (1) BILLBOARD AS PER COA CIRCULAR NO. 2013-004, INFORMATION AND PUBLICITY ON PROGRAMS/PROJECTS/ACTIVITIES OF GOVERNMENT AGENCIES.

UPON COMPLETION OF THE WORK, ALL SIGNS INSTALLED SHALL BE REMOVED FROM THE SITE.

ITEM B.7 OCCUPATIONAL SAFETY AND HEALTH

B.7.1 DESCRIPTION

THIS ITEM COVERS THE IMPLEMENTATION OF CONSTRUCTION SAFETY IN ALL STAGES OF PROJECT PROCUREMENT (DESIGN, ESTIMATE, CONSTRUCTION AND MAINTENANCE), REQUIREMENTS, PROVISIONS, AND INSTRUCTIONS FOR THE GUIDANCE OF THE ENGINEER

B.7.2 CONSTRUCTION SAFETY AND HEALTH PROGRAM(CSHP)

EVERY CONSTRUCTION PROJECT SHALL HAVE A SUITABLE AND APPROVED CONSTRUCTION SAFETY AND HEALTH PROGRAM (CSHP) AS REQUIRED IN ALL PROJECTS REGARDLESS OF AMOUNT, FUNDING SOURCE AND MODE OF IMPLEMENTATION WHICH SHALL COMPLY WITH THE MINIMUM SAFETY AND HEALTH REQUIREMENTS AS SPECIFIED IN THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS.

THE REQUIRE CSHP SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

1. COMPOSITION OF THE SAFETY AND HEALTH PERSONNEL RESPONSIBLE FOR THE PROPER IMPLEMENTATION OF CSHP.
2. SPECIFIC SAFETY POLITIES WHICH SHALL BE UNDERTAKEN IN THE CONSTRUCTION SITE, INCLUDING FREQUENCY OF AND PERSONS RESPONSIBLE FOR CONDUCTING TOOLBOX AND GANG MEETINGS.
3. PENALTIES AND SANCTIONS FOR VIOLATION OF THE CSHP.
4. FREQUENCY, CONTENT AND PERSONS RESPONSIBLE FOR ORIENTING, INSTRUCTING AND TRAINING ALL WORKERS AT THE SITE WITH REGARD TO THE CSHP WHICH THEY OPERATE.
5. THE MANNER OF DISPOSING WASTE ARISING FROM THE CONSTRUCTION.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE 80000 SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANAY PONDAY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS GENERAL NOTES	DRAFTED HEAVY D. ESPERANT DATE FEB 07 2025	REVIEWED JOSE A. BALTAZAR ENGINEER DATE FEB 10 2025	SUBMITTED RAINIER LOU C. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE FEB 10 2025	RECOMMENDED EVELYN DIYAP ASSISTANT DISTRICT ENGINEER DATE FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE FEB 17 2025	SET NO. CS 4	SHEET NO. 4 14
			PREPARED JUROME C. VILLALBA ENGINEER DATE FEB 07 2025						

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
Part B	OTHER GENERAL REQUIREMENTS - Blue Book Vol. III		
B.3(1)	Permits and Clearances	1.00 ✓	L.s
B.5 (1)	Project Billboard / Signboard	4.00 ✓	Each
B.7 (1)	Occupational Safety and Health	1.00 ✓	L.s
B.9 (1)	Mobilization / Demobilization	1.00 ✓	L.s
PART C	EARTHWORK - Blue Book Vol. III, Part III, Division I - General		
801(1)	Removal of Structure and Obstruction	1.00 ✓	L.s
803 (1)a	Structure Excavation (Common Soil)	43.00 ✓	Cu.m.
804 (1)a	Embankment from Roadway/Structure Excavation (Common Soil)	31.00 ✓	Cu.m.
804(2)a	Embankment from Borrow (Common Soil)	42.00 ✓	Cu.m.
804 (7)	Gravel Fill	5.15 ✓	Cu.m.
PART D	REINFORCED CONCRETE WORK - Blue Book Vol. III, Part III, Division I - General		
900 (1)c	Structural Concrete Class A-28 days, (3000 psi)	40.00 ✓	Cu.m.
901 (1)	Lean Concrete	1.00 ✓	Cu.m.
902 (1)a1	Reinforcing Steel (Deformed), Grade 40	6,131.18 ✓	Kg.
903 (2)	Formworks and Falseworks	224.00 ✓	Sq.m
PART E	FINISHING & OTHER CIVIL WORKS - Blue Book Vol. III, Part III, Division II - Building		
	Storm Drainage and Sewerage System		
1001 (6)	Catch Basin	1.00 ✓	L.S.
1001 (8)	Sewer Line Works	1.00 ✓	L.S.
1001 (11)	Septic Vault, Concrete/CHB	1.00 ✓	L.S.
	Plumbing		
1002 (24)	Cold Water Lines	1.00 ✓	L.S.
1002 (27)	Plumbing Works	1.00 ✓	L.S.
C.4	CARPENTRY AND JOINERY WORKS		
1003 (1)a1	Ceiling 4.5 mm Metal Frame Fiber Cement Board	64.00 ✓	Sq.m
	Hardware		
1004 (2)	Finishing Hardware	1.00 ✓	L.S.
	Aluminum Framed Glass Door		
1007 (1)b	Aluminum Framed Glass Door, Swing Type	3.00 ✓	SQ.M.
	Aluminum Glass Window		
1008 (1)c	Aluminum Glass Windows Awning Type	14.00 ✓	SQ.M.
	Wooden Doors and Windows		
1010 (1)	Frames (Jambs, Sill, Head, Transoms and Mullions)	4.00 ✓	Sets
1010 (2)b	Doors, Wood Panel	7.35 ✓	SQ.M.
	Waterproofing		
1016 (1)a	Waterproofing Cement-base	64.00 ✓	SQ.M.

	Ceramic/Granite Tiles		
1018 (2)	Unglazed Tiles	4.00 ✓	Sq.m
1018 (5)	Glazed Tiles	76.25 ✓	Sq.m
	Cement Plaster Finish		
1027 (1)	Cement Plaster Finish	263.00 ✓	SQ.M.
	Painting, Varnishing and Other Related Works		
1032 (1)a	Painting Works, Masonry/Concrete	263.00 ✓	Sq.m
1032 (1)b	Painting Works Wood	17.00 ✓	Sq.m
	Masonry		
1046 (2)a1	CHB Non Load Bearing (including Reinforcing Steel) 100 mm	44.00 ✓	Sq.m
1046 (2)a2	CHB Non Load Bearing (including Reinforcing Steel) 150 mm	106.00 ✓	Sq.m
	Metal Structure		
1051 (1)a	Railings	1.00 ✓	L.S.
PART F	ELECTRICAL - Blue Book Vol. III, Part III, Division II - Buildings		
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit, Rough-in)	1.00 ✓	L.s.
1101 (33)	Wires and Wiring Devices	1.00 ✓	L.s.
1102 (1)	Panelboard with Main & Branch Breakers	1.00 ✓	L.s.
1103 (1)	Lighting Fixtures	1.00 ✓	L.s.
PART II.G	MECHANICAL WORKS		
1200 (13)a	Air Conditioning System, Package/Split Type	1.00 ✓	L.S.



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REGION VIII
**SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE**
SOGOO, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
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OF MULTI-PURPOSE BUILDING)
BARANGAY PONGLOT, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
SUMMARY OF QUANTITIES

DRAFTED: **KEATY B. MORALES**
DATE: **FEB 07 2025**
PREPARED: **JUNORIE C. VILLANO**
DATE: **FEB 10 2025**

REVIEWED: **JOSE A. BALTAZAR**
DATE: **FEB 10 2025**

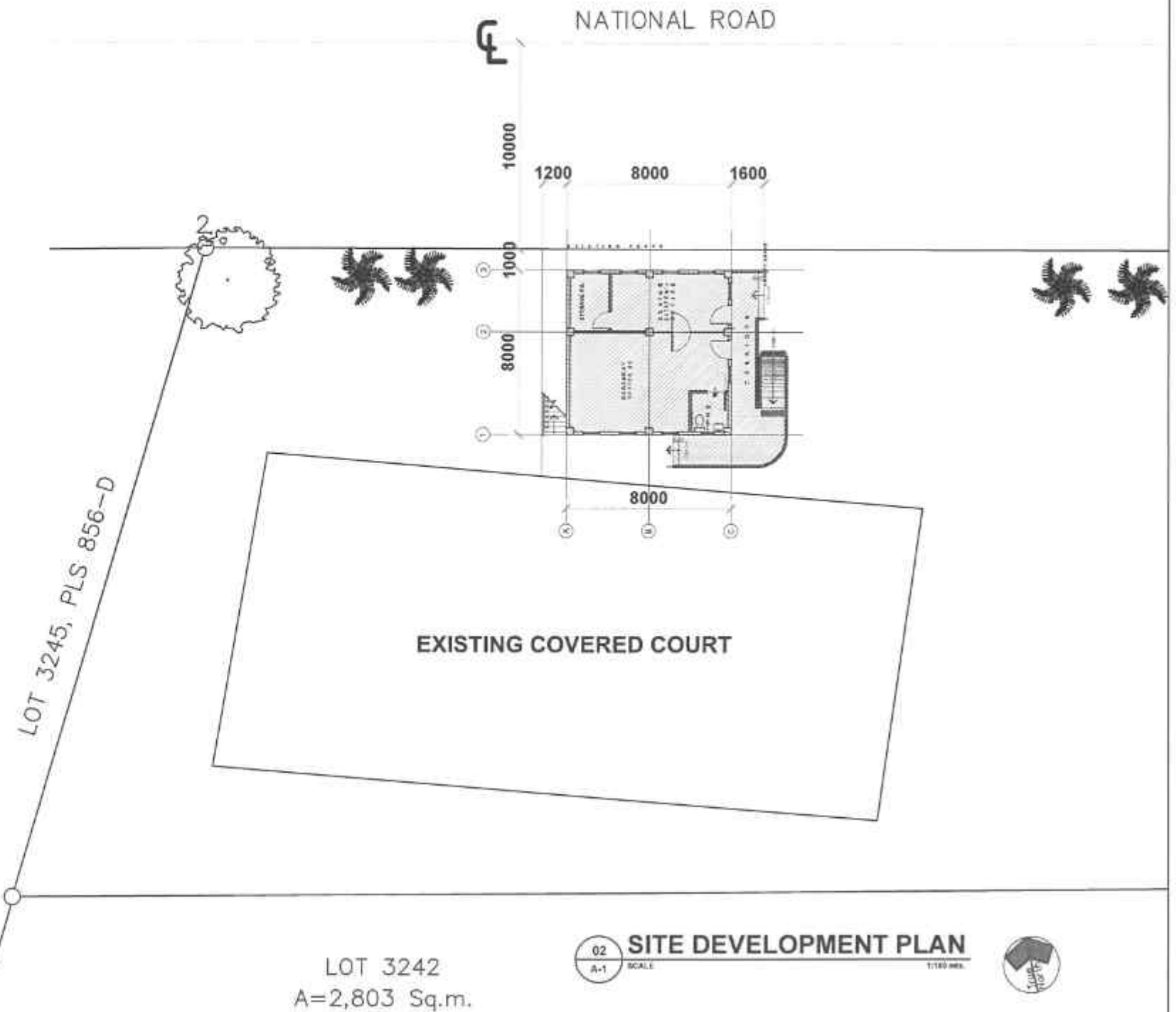
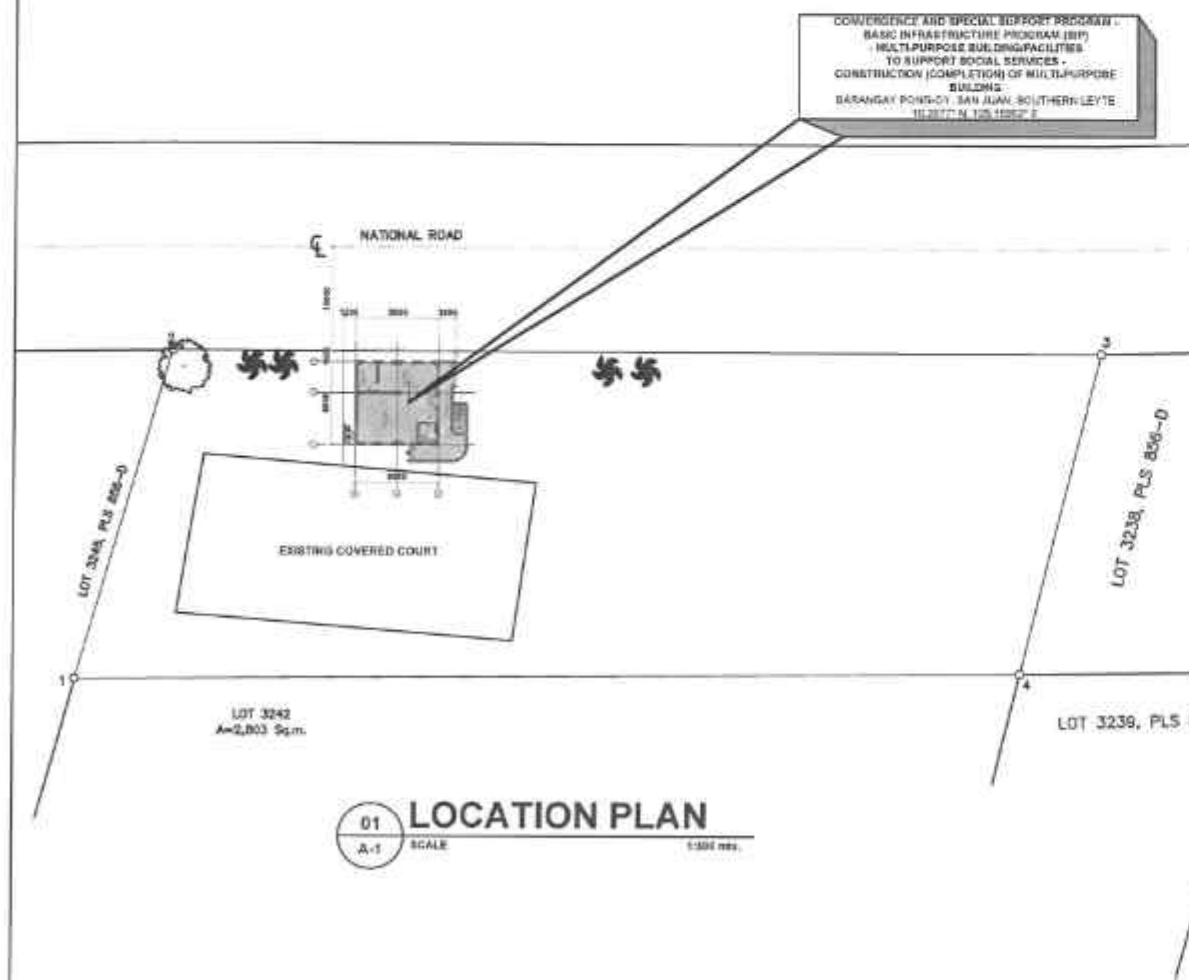
SUBMITTED: **RAINER L. DU CRUIT**
DATE: **FEB 10 2025**

RECOMMENDED: **EVELYN D. LAP**
DATE: **FEB 17 2025**

APPROVED: **EDUARDO V. SANTOS**
DATE: **FEB 17 2025**

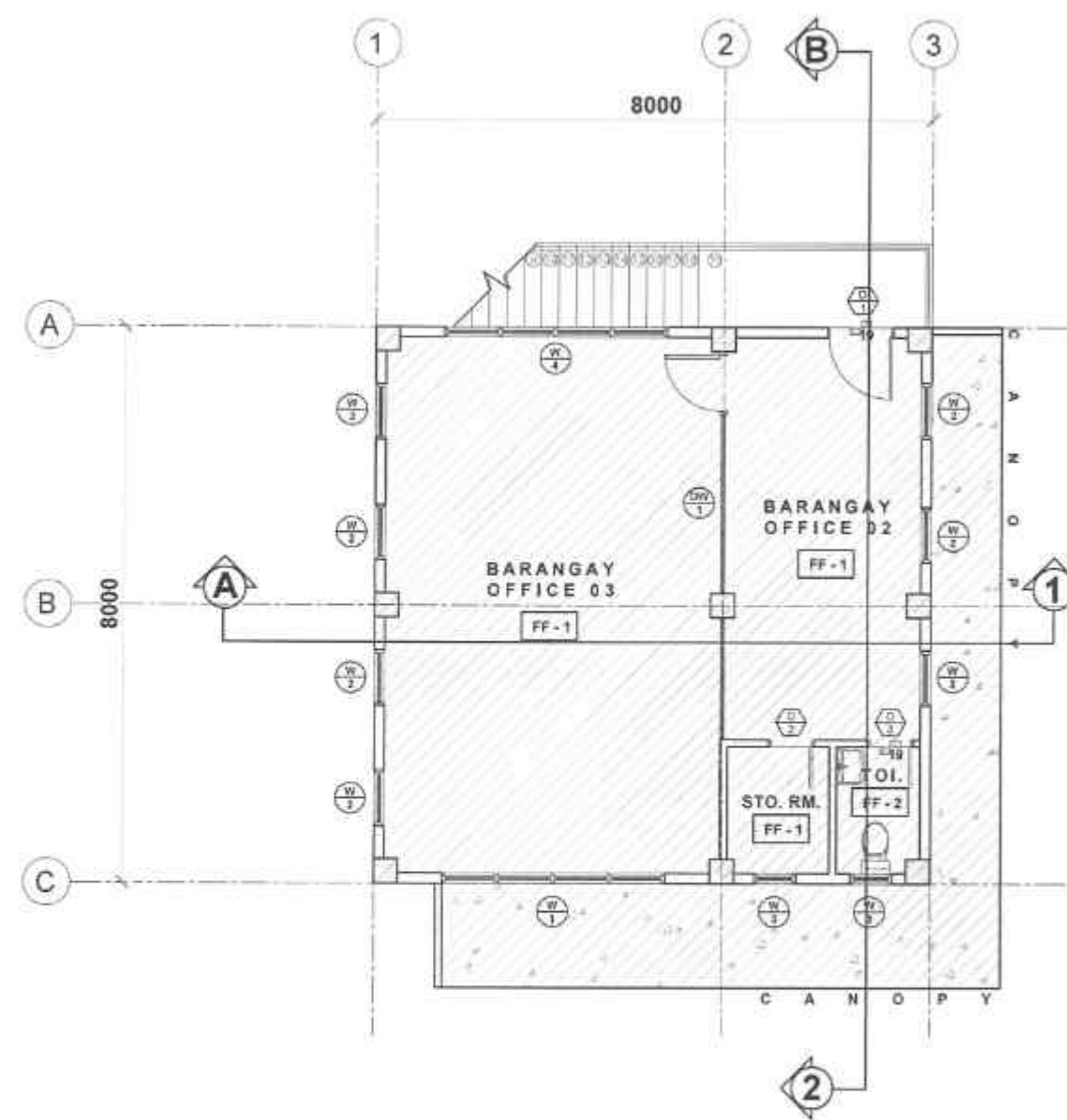
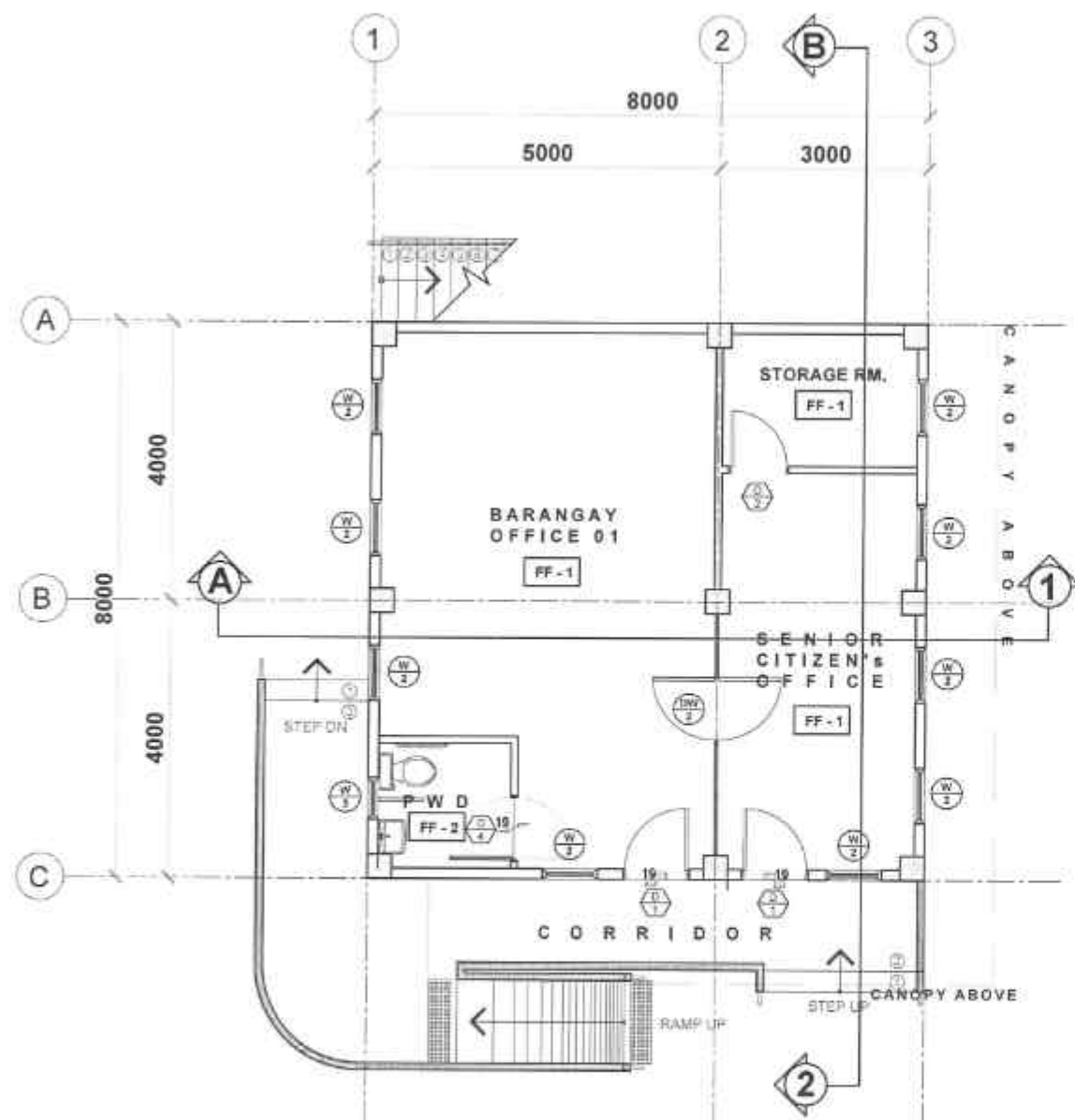
REV. NO. SHEET NO.
CS 5
5 14

TECHNICAL DESCRIPTIONS		
LINES	BEARINGS	DISTANCES
LOT 3242, A=2,803 Sq.m.		
1 2	N 28°19' E	32.93 m.
2 3	S 77°53' E	89.19 m.
3 4	S 26°04' W	31.70 m.
4 1	N 78°25' W	90.75 m.
TIE LINES from BLLM No.1, PIs 856-D San Juan Cadastre to corner "1"		
LOTS	BEARINGS	DISTANCES
3242	N 69°35' W	1688.85 m.



REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE BOGOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS SITE DEVELOPMENT PLAN	DRAFTED HEAVY D. ESPERA DATE: FEB 07 2025	REVIEWED JOSIE A. DALTAZAR DATE: FEB 10 2025	QUANTITY RAINOU C. RUIZ DATE: FEB 10 2025	RECOMMENDED EVELYN D. MALAY DATE: FEB 17 2025	APPROVED EDUARDO V. SANTOS DATE: FEB 17 2025	SET NO. A 1	SHEET NO. 5 20
			PREPARED JUNORME C. VILLOSO DATE: FEB 07 2025	ENGINEER JOSIE A. DALTAZAR DATE: FEB 10 2025	CHIEF, DESIGN SECTION RAINOU C. RUIZ DATE: FEB 10 2025	ASSISTANT DISTRICT ENGINEER EVELYN D. MALAY DATE: FEB 17 2025	DISTRICT ENGINEER EDUARDO V. SANTOS DATE: FEB 17 2025		

NOTE:
SECOND FLOOR PLAN IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



SCHEDULE OF FLOOR FINISHES

FF - 1	600mm X 600mm HOMOGENEOUS CERAMIC GLAZED TILES
FF - 2	600mm X 600mm HOMOGENEOUS CERAMIC UNGLAZED TILES
FF - 3	CONCRETE RAMP W/ 12mm WIDTH X 6mm DEPTH NON-SLIP GROOVE SPACED @ 200mm

01 GROUND FLOOR PLAN

A-2 SCALE

1/75 mts.

02 SECOND FLOOR PLAN

A-2 SCALE

1/75 mts.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
BANGAL, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
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SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS

GROUND FLOOR PLAN
SECOND FLOOR PLAN

DRAFTED

HEAVY KAMBERA
ARCHITECT
DATE: FEB 07 2025
PREPARED
JUNORIE C. VILLALBA
ENGINEER
DATE: FEB 07 2025

REVIEWED

JOSE A. BALTAZAR
ENGINEER II
DATE: FEB 10 2025

SUBMITTED

RAINOLD D. RUIZ
CHIEF, PLANNING & DESIGN SECTION
DATE: FEB 10 2025

RECOMMENDED

EVANATH D. RUIZ
ASSISTANT DISTRICT ENGINEER
DATE: FEB 17 2025

APPROVED

EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE: FEB 17 2025

SET NO.

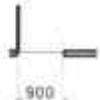
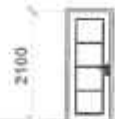
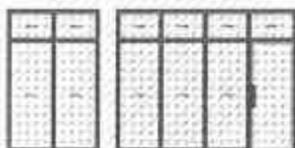
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2 3

SHEET NO.

7
29

0.427mm THK. CORRUGATED PRE-PAINTED METAL ROOFING SHEETS

01 ROOF PLAN
A-3 SCALE 1/8"=1'-0"

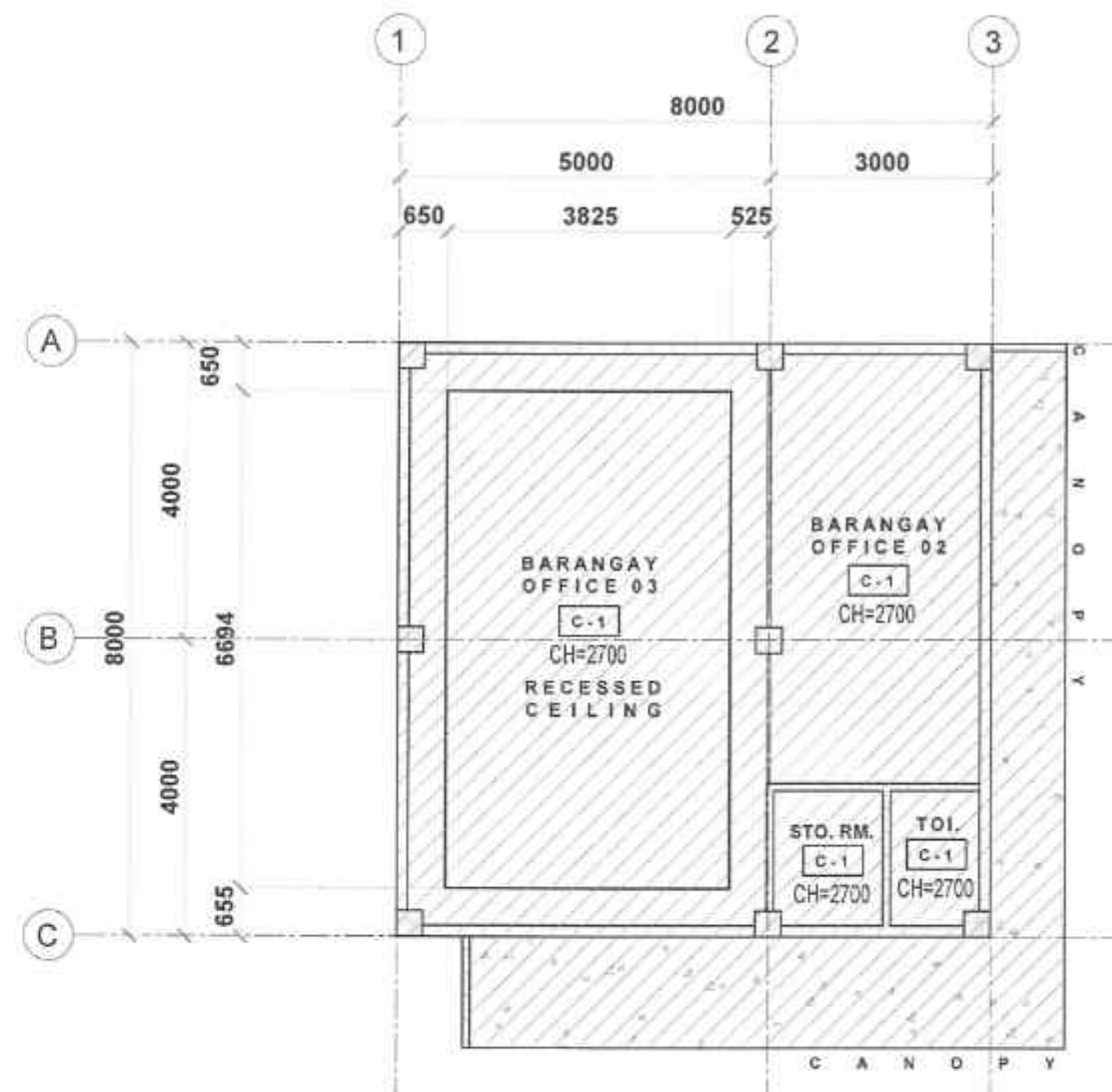
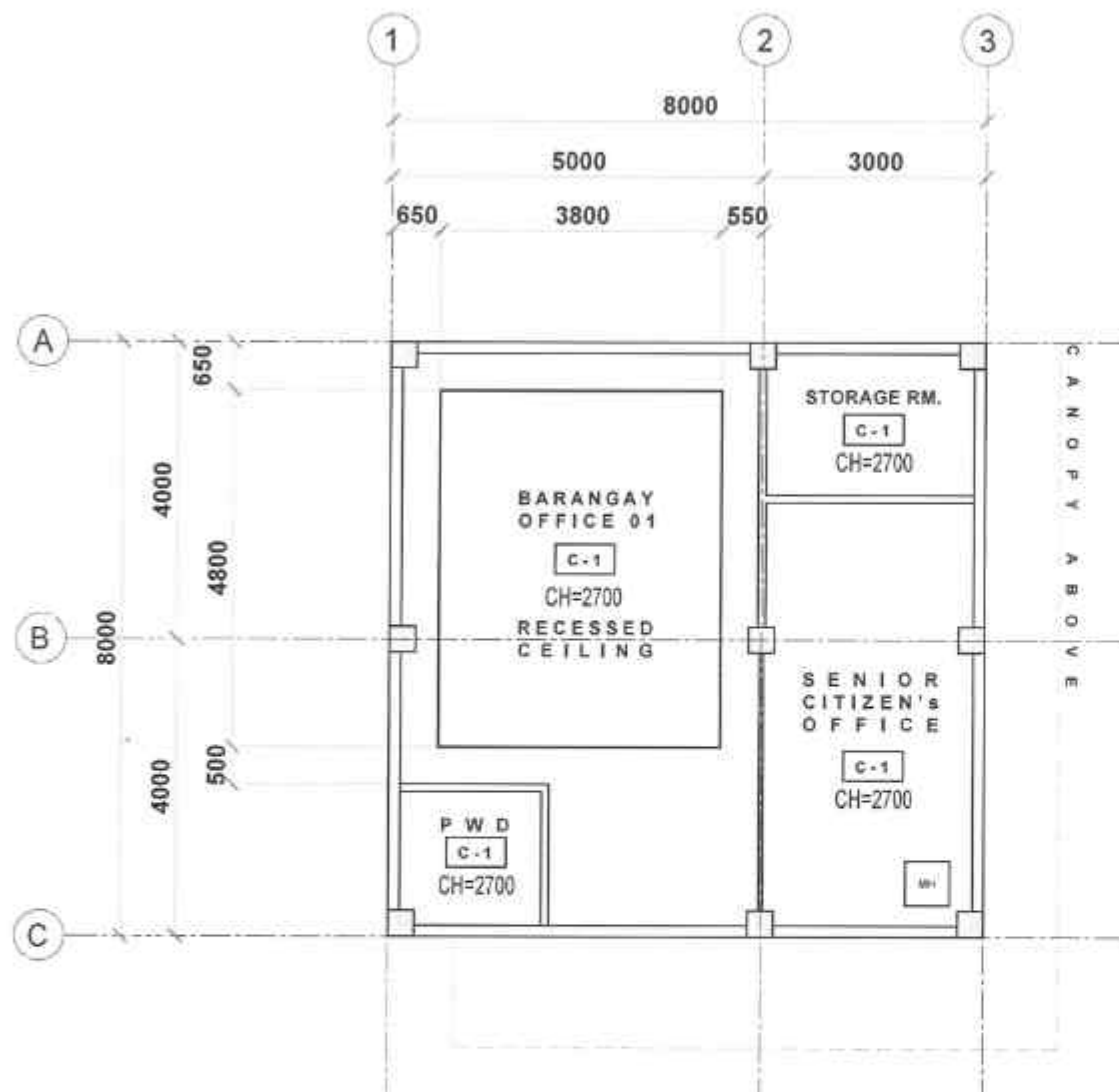
PLAN					
ELEVATION					
FIN. FLOOR LINE SCHEDULE					
DESCRIPTION	SINGLE SWING SOLID WOODEN PANEL DOOR 12mm THK VARNISHED WITH POLYURETHANE FINISHED ON 38mmX138mm WOODEN DOOR JAMB W/ KEYED PRIVACY-LOCK SETS W/ STAINLESS LEVER TYPE DOOR KNOB	SINGLE SWING HOLLOW CORE WOODEN DOOR 12mm THK VARNISHED WOODEN DOOR JAMB W/ KEYED PRIVACY LOCKSETS W/ STAINLESS LEVER TYPE DOOR KNOB	PVC DOOR W/ VENT WHIRLS I LEVER TYPE DOOR KNOB	PVC DOOR KICK PLATE WITH LEVER TYPE	SINGLE SWING GLASS DOOR TYPE W/ 12mm THK DOOR, 18mm THK WINDOW GLASS, 18mm THK GLASS TRANSOM ON 18mm X 18mm ANALOG JAMB / FRAMED DOOR TOP AND BOT ONLY WITH KEYED PRIVACY - LOCK SETS WITH STAINLESS HANDLE BAR
NO. OF SETS	3 SETS	2 SETS	1 SET	1 SET	1 SET
LOCATION	GROUND FLOOR : BRGY OFFICE #1, SENIOR CITIZEN'S OFFICE SECOND FLOOR: BRGY OFFICE #1	STORAGE	TOILET	PWD	SECOND FLOOR : OFFICES

PLAN	
ELEVATION	
FIN. FLOOR LINE	
SCHEDULE	
DESCRIPTION	SINGLE SWING GLASS DOOR TYPE 'W' (12mm THK. DOOR), (8mm THK. WINDOW), ORDINARY BRONZE GLASS & FIXED GLASS TRANSOM - 8mm X 12mm ALUMINUM JAMES / FRAMES (DOOR, TOP AND BOT OIL WITH KEYED PRIVACY - LOCK SETS WITH STAINLESS HANDLE BAR
NO. OF SETS	1 SET
LOCATION	GROUND FLOOR : OFFICES

02 SCHEDULE OF DOORS & WINDOWS
A-3 SCALE 1:100 mm.

PLAN	ELEVATION	FIN. FLOOR LINE	SCHEDULE	DESCRIPTION	NO. OF SETS	LOCATION
				AWNING WINDOW TYPE WITH 2" THICK ORDINARY BRONZE GLASS ON ANALOK FRAME & JAMB WITH COMPLETE FITTINGS & ACCESSORIES	1 SET	SECOND FLOOR: BRGY OFFICE 03
				FIXED AND AWNING WINDOW TYPE WITH 2" THICK ORDINARY BRONZE GLASS ON ANALOK FRAME & JAMB WITH COMPLETE FITTINGS & ACCESSORIES	16 SETS	GROUND FLOOR: BRGY OFFICE 1 SENIOR CITIZEN SECOND FLOOR : BRGY OFFICE 02,03
				AWNING WINDOW TYPE WITH 2" THICK ORDINARY BRONZE GLASS ON ANALOK FRAME & JAMB WITH COMPLETE FITTINGS & ACCESSORIES	2 SETS	GROUND FLOOR: PWD SECOND FLOOR : STG. TOILET
				SLIDING WINDOW TYPE WITH 2" THICK ORDINARY BRONZE GLASS ON ANALOK FRAME & JAMB WITH COMPLETE FITTINGS & ACCESSORIES	1 SET	SECOND FLOOR : BRGY OFFICE 03

NOTE:
SECOND FLOOR REFLECTED CEILING PLAN IS DESIGNED
FOR FUTURE AUGMENTATION AND ADDITIONAL BUDGET
ALLOCATION.



01
A-4
SCALE
1:75 mm.

GROUND FLOOR
REFLECTED CEILING PLAN

02
A-4
SCALE
1:75 mm.

SECOND FLOOR
REFLECTED CEILING PLAN

SCHEDULE OF FINISHES

C-1	4.5mm THK FIBER CEMENT BOARD SUSPENDED ON METAL FRAME PAINTED FINISH
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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
BAGONG, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
(BASED INFRASTRUCTURE PROGRAM (BIP))
- MULTIPURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTIPURPOSE BUILDING
BARANGAY PONG-LOY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS:
GROUND FLOOR PLAN
SECOND FLOOR PLAN

DRAFTED:
HEAVY M. GONZALES
DATE: FEB 10 2025
PREPARED:
JUNROMEL S. VILLALBA
DATE: FEB 10 2025

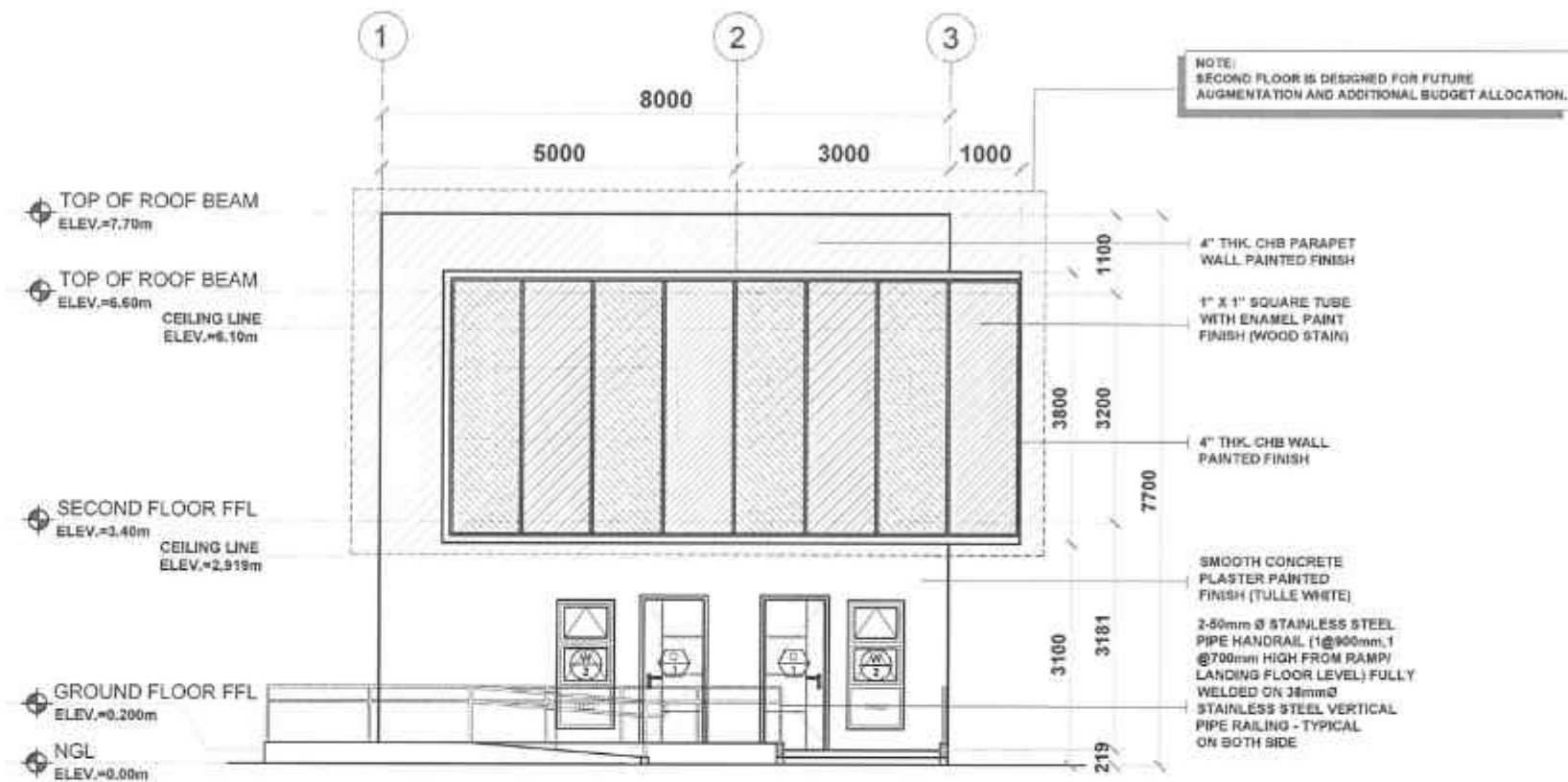
REVIEWED:
JOSE A. BAYUTZEH
DATE: FEB 10 2025

SUBMITTER:
RAINER LOU C. RUIZ
DATE: FEB 10 2025

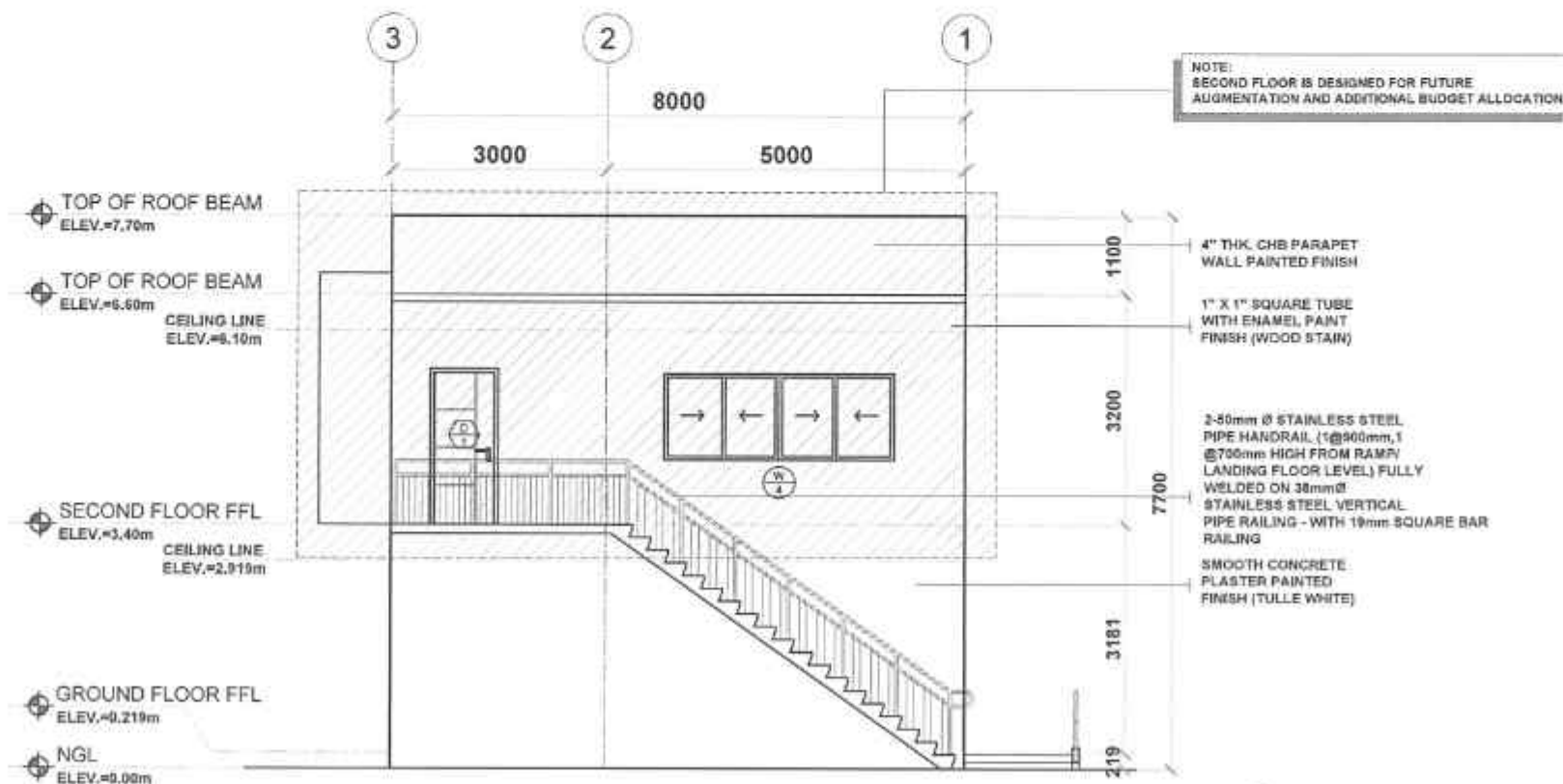
RECOMMENDED:
EVERALDO V. SANTOS
DATE: FEB 10 2025

APPROVED:
EDUARDO V. SANTOS
DATE: FEB 17 2025

SET NO.
A
4
SHEET NO.
9
29



01 FRONT ELEVATION
A-5 SCALE 1:100



02 REAR ELEVATION
A-5 SCALE 1:100



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
BORG, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION COMPLETION
OF MULTI-PURPOSE BIP (BIP)
BARANGAY PONGAY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
FRONT ELEVATION

DRAFTED
DATE
PREPARED
DATE
JUAN CARLOS C. VILLANO
FEB 07 2025

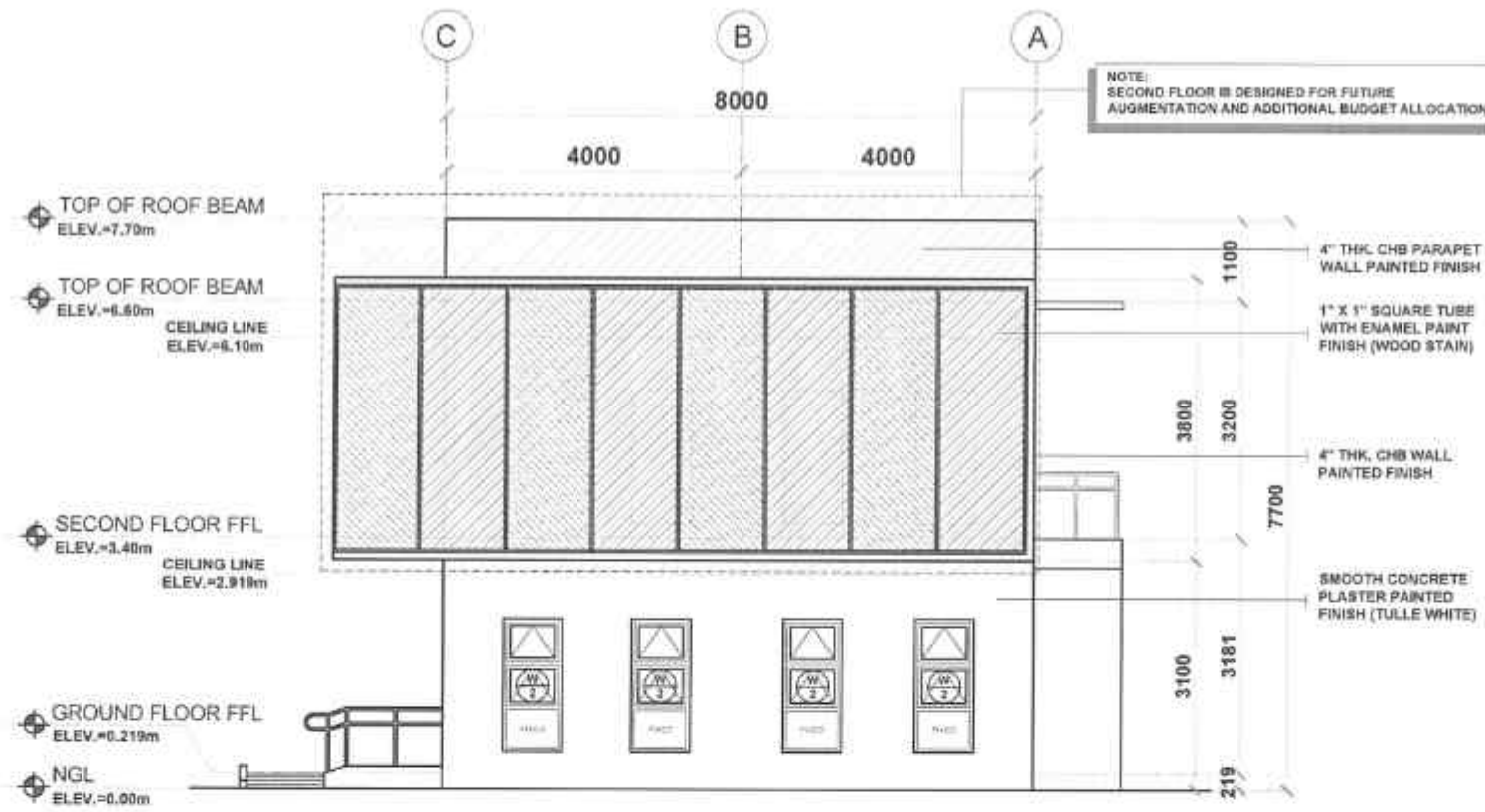
REVIEWED
DATE
JOSE A. BALTAZAR
FEB 10 2025

SUBMITTED
DATE
RAINER JOY C. RUIZ
FEB 10 2025

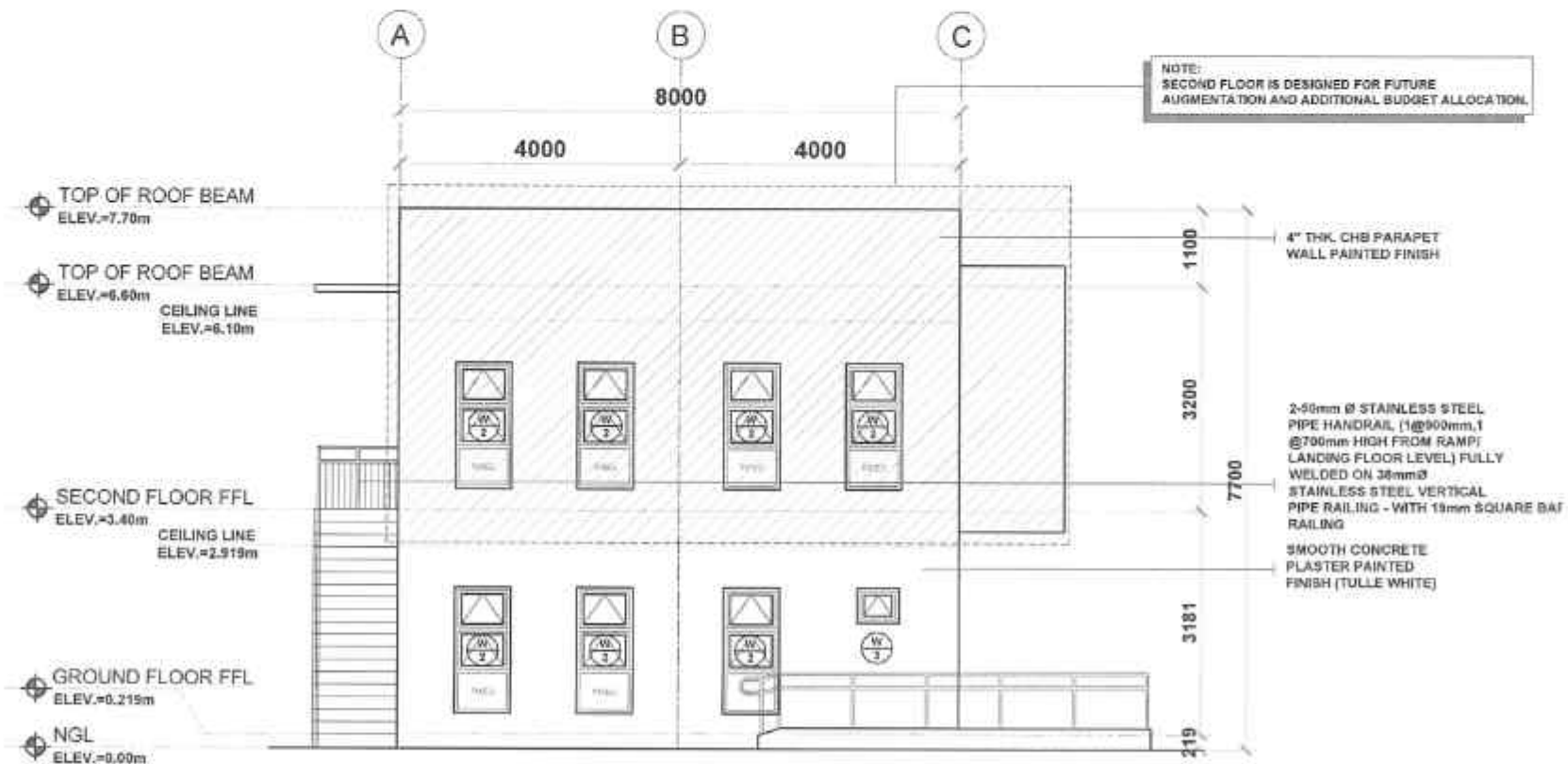
RECOMMENDED
DATE
EDUARDO V. SANTOS
FEB 10 2025

APPROVED
DATE
EDUARDO V. SANTOS
FEB 17 2025

SET NO.
A
S 9
SHEET NO.
10
25



01 RIGHT SIDE ELEVATION
SCALE 1:100



02 LEFT SIDE ELEVATION
SCALE 1:100



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
8030D, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
RIGHT SIDE ELEVATION
LEFT SIDE ELEVATION

DRAFTED
DATE
PREPARED
DATE
APPROVED
DATE

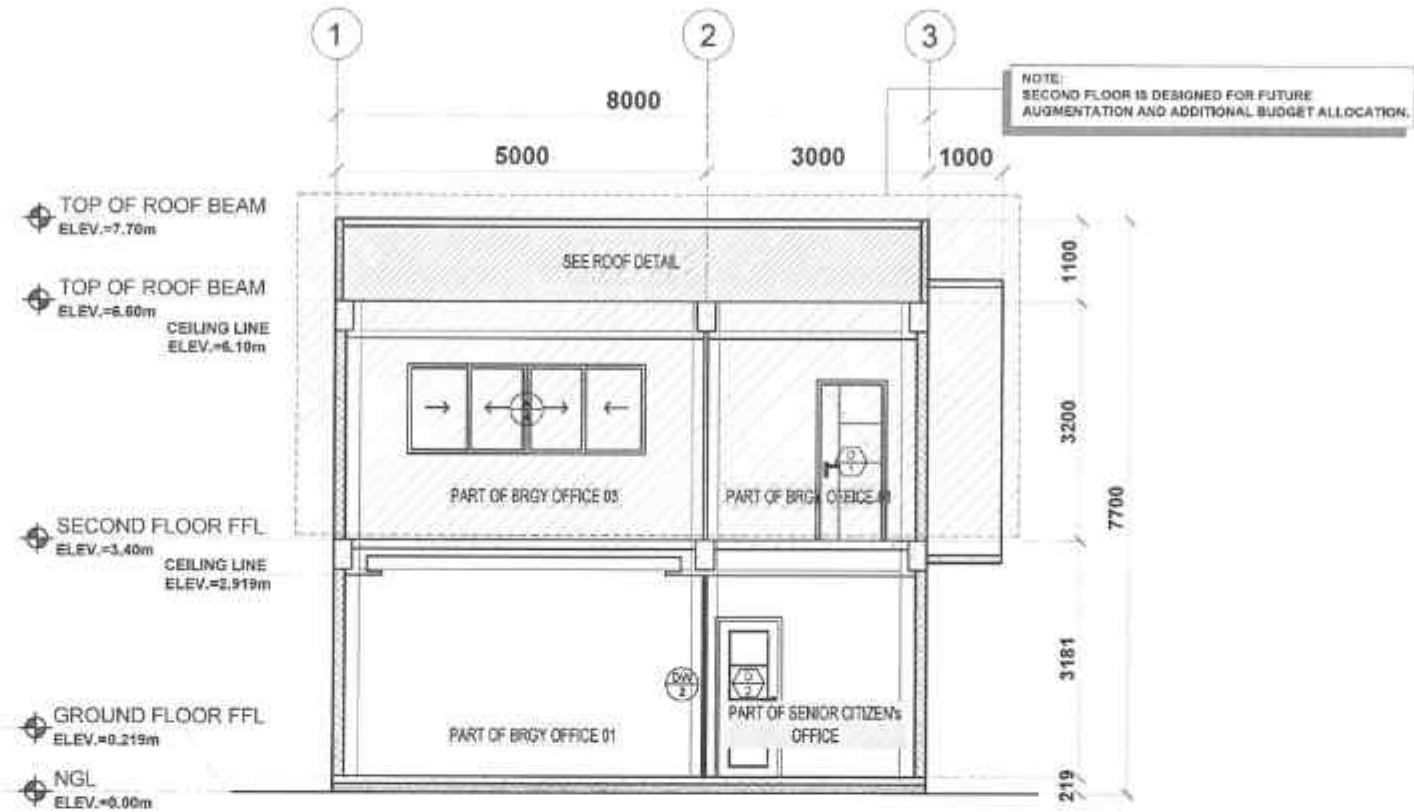
REVIEWED
DATE
APPROVED
DATE

DESIGNED
DATE
APPROVED
DATE

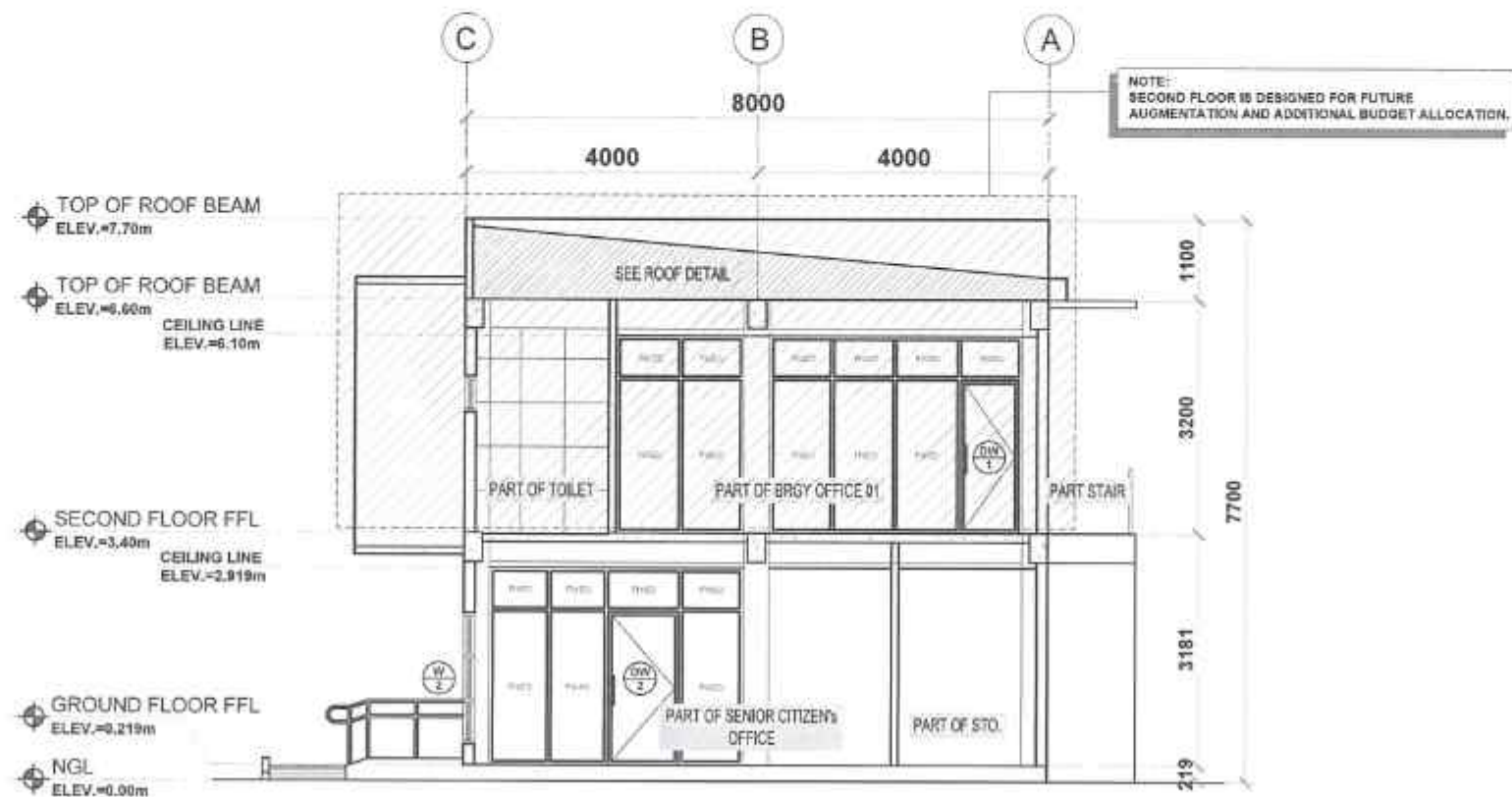
RECOMMENDED
DATE
APPROVED
DATE

APPROVED
DATE

SET NO.
SHEET NO.



01 SECTION THRU "A"
SCALE 1:100



02 SECTION THRU "B"
SCALE 1:100

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE BOSCO SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS SECTION THRU "A" SECTION THRU "B"	DRAFTED HEAVY B. GARDENIA ARCHITECT DATE: FEB 07 2025 PREPARED JUNHOMIE G. VILLALBA ENGINEER DATE: FEB 07 2025	REVIEWED JOSE A. BALTAZAR ENGINEER II DATE: FEB 10 2025	SUBMITTED RAINER L. RUZ CHIEF, PLANNING & DESIGN DIVISION DATE: FEB 10 2025	RECOMMENDED EVELYN D. YAP ASSISTANT DISTRICT ENGINEER DATE: FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 17 2025	SET NO. A 7 3	SHEET NO. 12 25
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CONSTRUCTION GENERAL NOTES

A. GENERAL

1. CONSTRUCTION NOTES & TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED, MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
2. SHOP DRAWINGS WITH ERECTION & PLACING DIAGRAM OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN, CHECK WITH MECHANICAL & ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE. SHORINGS & BRACINGS OF THE STRUCTURE FOR ALL LOADS THAT MAYBE IMPOSED DURING CONSTRUCTION.

B. CONCRETE & REINFORCEMENT

1. ALL MATERIALS & WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI - 318)
2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE

AGGREGATE & SLUMP AS FOLLOWS:

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE	MAX. SLUMP
CURBS & SLAB ON GRADE EXCEPT FOUND.	3,000 PSI	1 IN. (25MM.)	4 IN. (100MM)
FOUNDATION & RETAINING WALL	3,000 PSI	3/4 IN. (19MM.)	4 IN. (100MM)
ALL OTHERS INCLUDING BEAMS			
SUSPENDED SLABS & COLUMNS	3,000 PSI	3/4 IN. (19MM.)	4 IN. (100MM)

3. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 33KSI FOR MAINBAR, LATERAL TIES & STIRRUPS

4. IN GENERAL, THE LATEST EDITION OF ACI-318, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.

5. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

SUSPENDED SLABS	20MM
SLAB ON GRADE	40MM
WALLS ABOVE GRADE	25MM
BEAM STIRRUPS	25MM
COLUMN TIES	40MM

WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS

FOOTINGS

6. SPLICES SHALL BE SECURELY WIRED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPlice & ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS, SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.

7. ALL ANCHOR BOLTS, DOWELS, & OTHER INSERTS, SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE,

8. CONTRACTOR SHALL NOTE & PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOOLS, EQUIPMENT, & MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, & MECHANICAL DRAWINGS.

9. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.

10. STRIPPING OF FORMS & SHORES:

FOUNDATION	24 HRS.
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	15 DAYS
WALLS	18 HRS.
BEAMS	14 DAYS
COLUMNS	7 DAYS

C. MASONRY & CONCRETE BLOCKS

1. ALL NON-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 80 PCF. FOR LOAD BEARING TYPE CONCRETE BLOCKS, A MINIMUM COMPRESSIVE STRENGTH OF 6.90 MPA. SHALL BE DEVELOPED.
2. PROVIDE 1- Ø 16 VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS & EACH SIDE OF OPENINGS.

3. LINTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 MM.) ON EACH SIDE OF MASONRY WALL OPENING.

4. WALL REINFORCEMENTS (UNLESS INDICATED) SHALL BE AS FOLLOWS:

WALL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
8 IN. (200 MM.)	Ø 12 @ 400 MM.	Ø 10 @ 600 MM.
6 IN. (150 MM.)	Ø 10 @ 600 MM.	Ø 10 @ 600 MM.
4 IN. (100 MM.)	Ø 10 @ 600 MM.	Ø 10 @ 600 MM.

5. REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 30 BAR DIAMETERS WHERE SPLICED. DOWELS FROM CONCRETE FOOTINGS OR SLABS SHALL EXTEND INTO THE BLOCK WALL A MINIMUM OF 30 BAR DIAMETERS, & DOWELS TO MATCH VERTICAL REINFORCEMENTS OF WALL.

6. ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT.

D. NOTES ON FOUNDATION

1. FOOTING SIZES WERE DESIGNED BASED ON ASSUMED BEARING CAPACITY OF 150KPA. PLEASE CONDUCT SOIL INVESTIGATION PRIOR TO CONSTRUCTION. IF THE SOIL IS SAND OR CLAY PLEASE INFORM THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION TO REDESIGN THE FOOTING.
2. FOUNDATION SHALL REST ON NATURAL SOIL. UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION HAVE BEEN COMPLETED & PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.
4. FOOTING CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH ATLEAST $f_c = 3500$ psi or 24Mpa.
5. FOOTING REINFORCEMENT SHALL BE GRADE 60 or $f_y = 60\ 000$ psi / 414 MPa.
6. ANY CHANGES IN THE FOUNDATION DEPTH SHALL BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.
7. FOUNDATION CONCRETE SHALL BE POURED OVER A BASE COURSE CONSISTING OF 50mm CRUSHED AND COMPACTED GRAVEL BED AND 75mm LEAN CONCRETE.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE BOJBO, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM (BASIC INFRASTRUCTURE PROGRAM (BIP)) - MULTI-PURPOSE BUILDING/FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDINGS BARIANGAY PONG-OT, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS STRUCTURAL NOTES	DRAFTED ALEXANDRO G. GARCIA DATE FEB 07 2025	REVIEWED JOSE A. B. BATA DATE FEB 10 2025	SUBMITTED RAINIER E. L. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE FEB 10 2025	RECOMMENDED EVELYN D. MAP ASSISTANT DISTRICT ENGINEER DATE FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE FEB 17 2025	SET NO. 5 16	SHEET NO. 15 25
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E. NOTES ON COLUMNS.

1. COLUMN CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH ATLEAST $f_c = 35000\text{psi} / 24\text{Mpa}$.
2. COLUMN REINFORCEMENT SHALL BE GRADE 60 or $f_y = 60\,000\text{psi} / 414\text{Mpa}$ for Mainbar and Grade 40 $f_y = 40,000\text{psi} / 275\text{Mpa}$ for Secondary Bars (Ties and Stirrups).
3. COLUMN REINFORCEMENT SHALL BE SPLICED ONLY WITHIN THE MIDDLE THIRDS OF THE CLEAR HEIGHT OR OUTSIDE THE DISTANCE OF 500mm FROM FLOOR OR BEAM SOFFIT.
4. ALL COLUMN REINFORCEMENT SPLICING SHALL BE STAGGERED AT A DISTANCE OF 600mm.
5. COLD JOINTS SHALL BE ALLOWED ONLY OUTSIDE A DISTANCE OF 700mm FROM FLOOR OR BEAM SOFFIT.
6. PROVIDE ADEQUATE CONTROL JOINTS FOR ALL CONCRETE COLD JOINTS.
7. WHERE COLUMNS CHANGE IN SIZE, VERTICAL REINF. SHALL BE OFFSET AT A SLOPE OF NOT MORE THAN 1 IN 6 AND EXTRA 10mm TIES AT 100mm SHALL BE PROVIDED THRU OFFSET REGION..
8. UNLESS OTHERWISE INDICATED IN THE PLANS, LAP SPLICES FOR VERTICAL COLUMN REINFORCEMENT SHALL BE MADE WITHIN THE CENTER HALF OF COLUMN HEIGHT, AND THE SPLICE LENGTH SHALL NOT BE LESS THAN 40 times BAR DIAMETERS. WELDING OR APPROVED MECHANICAL DEVICES MAY BE USED PROVIDED THAT MORE THAN ALTERNATE BARS ARE WELDED OR MECHANICALLY SPLICED AT ANY LEVEL AND THE VERTICAL DISTANCES BETWEEN THESE WELDS OR SPLICES OF ADJACENT BARS IS NOT LESS THAN 600mm.

F. NOTES ON BEAMS.

1. BEAMS CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH ATLEAST $f_c = 3500\text{psi} / 24\text{Mpa}$.
2. BEAMS REINFORCEMENT SHALL BE GRADE 60 or $f_y = 60\,000\text{psi} / 414\text{Mpa}$ for Mainbar and Grade 40 or $f_y = 40,000\text{psi} / 275\text{Mpa}$ (Ties and Stirrups).
3. BEAM REINFORCEMENT SHALL BE SPLICED ONLY IN THE FOLLOWING LOCATIONS:
 - a. TOP BARS: WITHIN MIDDLE THIRDS OF THE CLEAR SPAN.
 - b. BOTTOM BARS: OUTSIDE A DISTANCE TWICE THE BEAM DEPTH FROM THE FACE OF THE COLUMN.
4. BEAM CONCRETE SHALL BE POURED MONOLITHICALLY WITH THE SLAB, NO COLD JOINTS ALLOWED.
5. NO ELECTRICAL/PLUMBING PIPES AND CONDUITS SHALL BE MADE TO PASS THROUGH ANY STRUCTURAL MEMBER. PROVIDE PIPE RACKS ATTACHED TO THE UNDERSIDE OF THE SLAB.
6. SPECIAL STIRRUPS SHALL BE PROVIDED WITHIN LAP SPLICES (Same spacing at Confinement Zone)

G. NOTES ON SLABS.

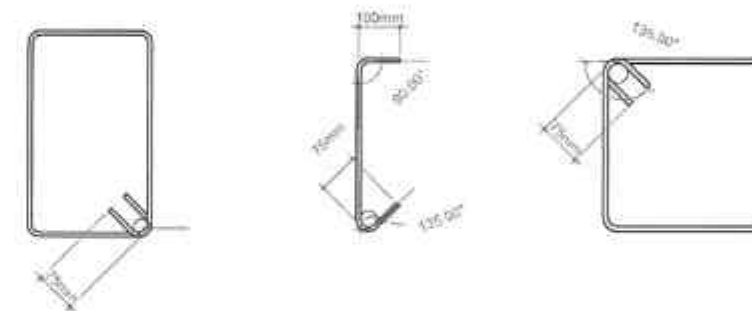
1. SLAB CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH ATLEAST $f_c = 3500\text{psi} / 24\text{Mpa}$.
2. SLAB REINFORCEMENT SHALL BE GRADE 40 or $f_y = 40\,000\text{psi} / 275\text{Mpa}$.
3. SLAB CONCRETE SHALL BE POURED MONOLITHICALLY WITH THE SUPPORTING BEAMS, NO COLD JOINTS ALLOWED.
4. NO ELECTRICAL/PLUMBING PIPES AND CONDUITS SHALL BE MADE TO PASS THROUGH ANY STRUCTURAL MEMBER. PROVIDE PIPE RACKS ATTACHED TO THE UNDERSIDE OF THE SLAB.

H. STRUCTURAL JOINTS.

1. USE EPOXY BASED CEMENTITIOUS GROUT IN LIEU OF CONVENTIONAL CONCRETE FOR CONCRETE TO STEEL BEAM CONNECTION JOINTS WITHIN ZONES SPECIFIED IN THE PLAN.
2. ALL STRUCTURAL REINFORCEMENTS SHALL NOT BE FIELD BENT UNLESS OTHERWISE PERMITTED BY THE STRUCTURAL ENGINEER.

MINIMUM INSIDE BEND DIAMETER AND STANDARD HOOK LENGTH FOR STIRRUPS, TIES AND HOOPS

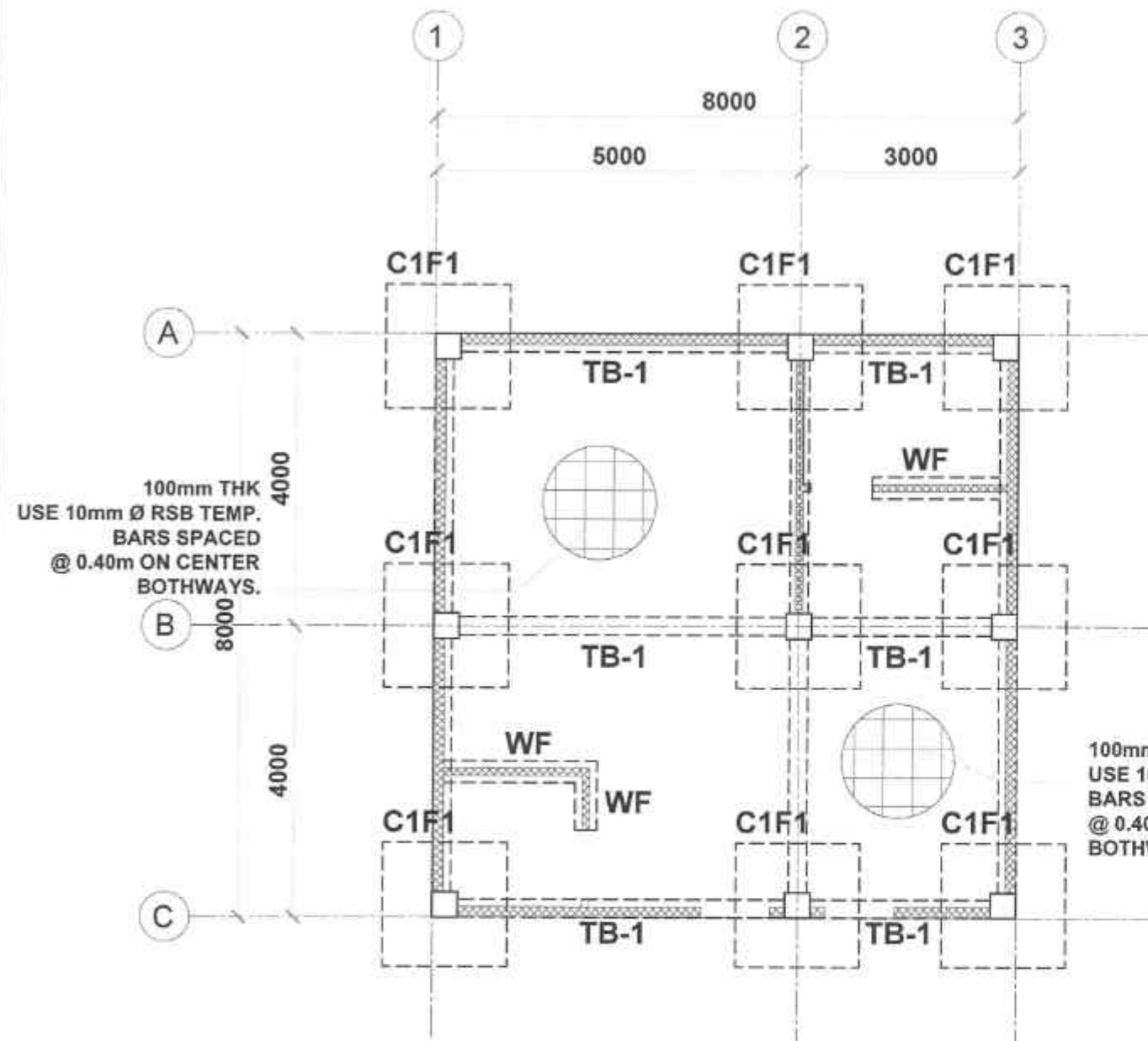
BAR DIAMETER	MINIMUM INSIDE BEND DIAMETER	HOOK LENGTH
10MM	40MM	100MM
12MM	48MM	105MM



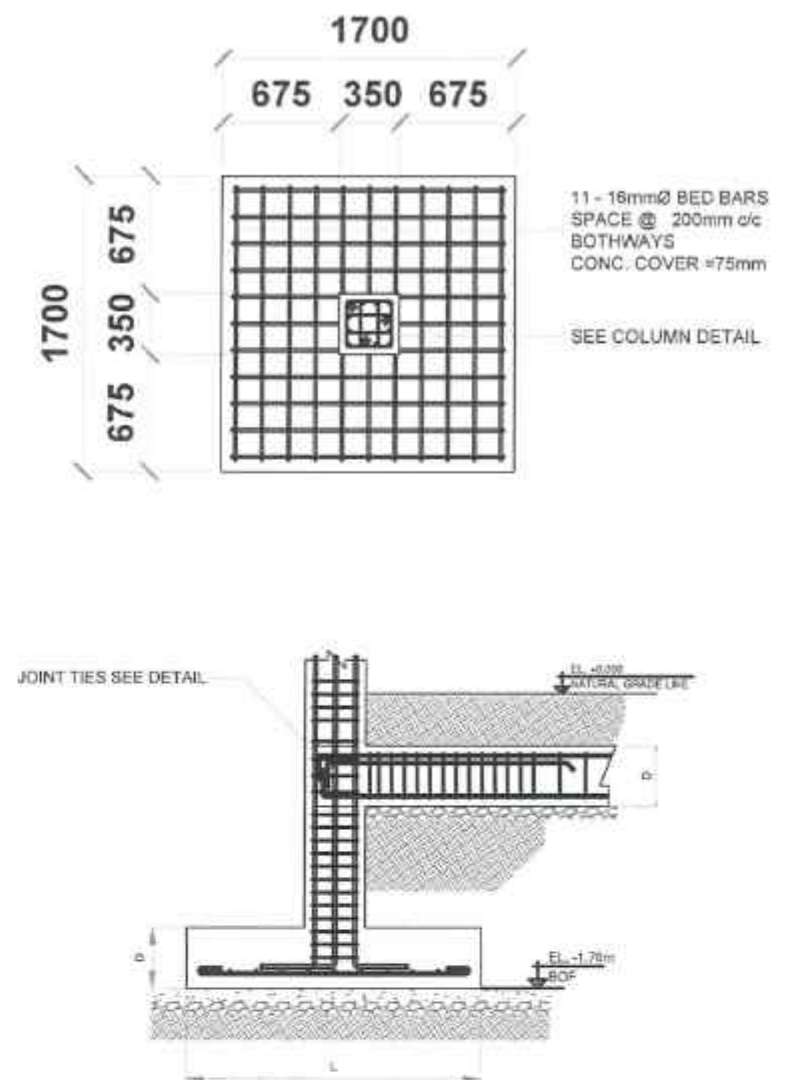
MINIMUM INSIDE BEND DIAMETER, STANDARD HOOK AND SPLICE LENGTH FOR DEFORMED BARS

BAR DIAMETER	MINIMUM INSIDE BEND DIAMETER	HOOK LENGTH	SPLICE LENGTH
10mm	60mm	160mm	300mm
12mm	72mm	192mm	400mm
16mm	96mm	256mm	700mm
20mm	120mm	320mm	900mm

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE BORG, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS STRUCTURAL NOTES	DRAFTED ALEXANDRO S. SANCHEZ DATE FEB 07 2025	REVIEWED JOSE A. DELA TORRE DATE FEB 10 2025	SUBMITTED RAINIER A. C. RUIZ DATE FEB 10 2025	RECOMMENDED EDUARDO V. SANCHEZ DATE FEB 17 2025	APPROVED EDUARDO V. SANCHEZ DATE FEB 17 2025	SET NO. 5 25	SHEET NO. 16 29



SCHEDULE OF COLUMN	
TIE BEAM TO SECOND FLOOR BEAM	
FOUNDATION TO TIE BEAM	
VERTICAL REBAR	12-16mmØ
REBAR TIE	10mmØ
JOINT TIE	2 sets - 4 @ 100mm O.C.
CONFINED TIE	2 sets - 10 @ 75 O.C.
UNCONFINED TIE	2 sets - REST @ 150mm O.C.



01 FOUNDATION PLAN
SCALE 1:50

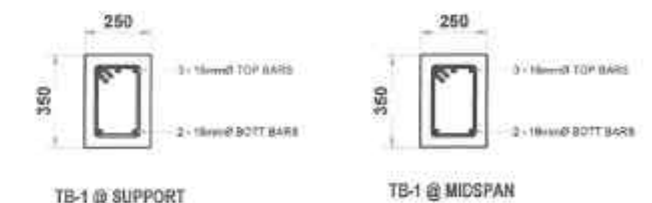
SCHEDULE OF ISOLATED FOOTING

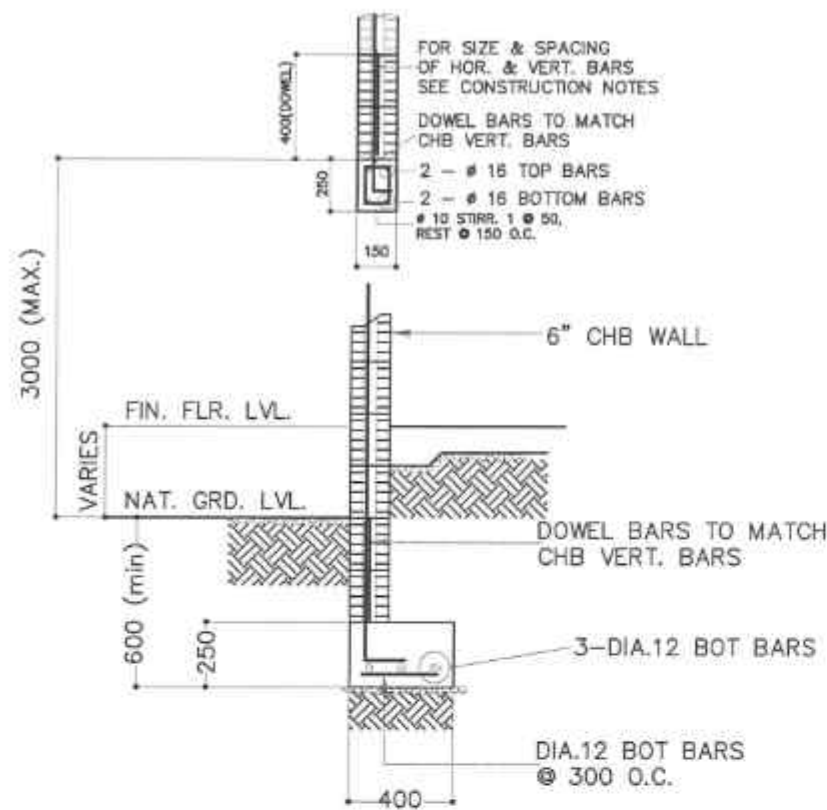
FOOTING NO.	FOOTING SIZE (LENGTH x WIDTH) (m x m)	THICK (m)	ALONG LENGTH	ALONG WIDTH	DEPTH OF EXCAVATION	REMARKS
F1	1.70 x 1.70	0.3	11-16mmØ	11-16mmØ	1.50 m	SQUARE FOOTING

SCHEDULE OF TIE BEAM

MARK	DIMENSION (mm)		BAR Ø (mm)	STEEL REINFORCEMENTS						WEB/ TORSION BARS (12mmØ)	STIRRUPS
				LEFT SUPPORT		MID SPAN		RIGHT SUPPORT			
	B	D		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM		
TB-1	250	350	16	3		3		3		-	A
					2		2		2		

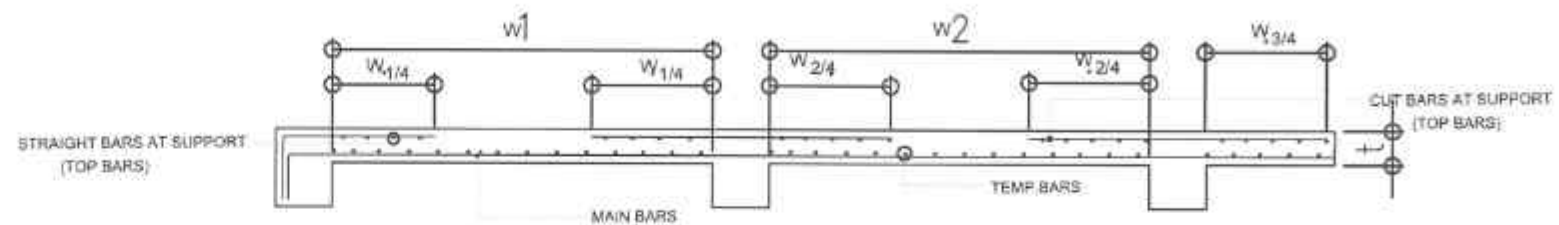
A = 10mmØ STIRRUPS: 1 @ 50, 12 @ 75, REST @ 150 TO C.L. (2-LEGS)



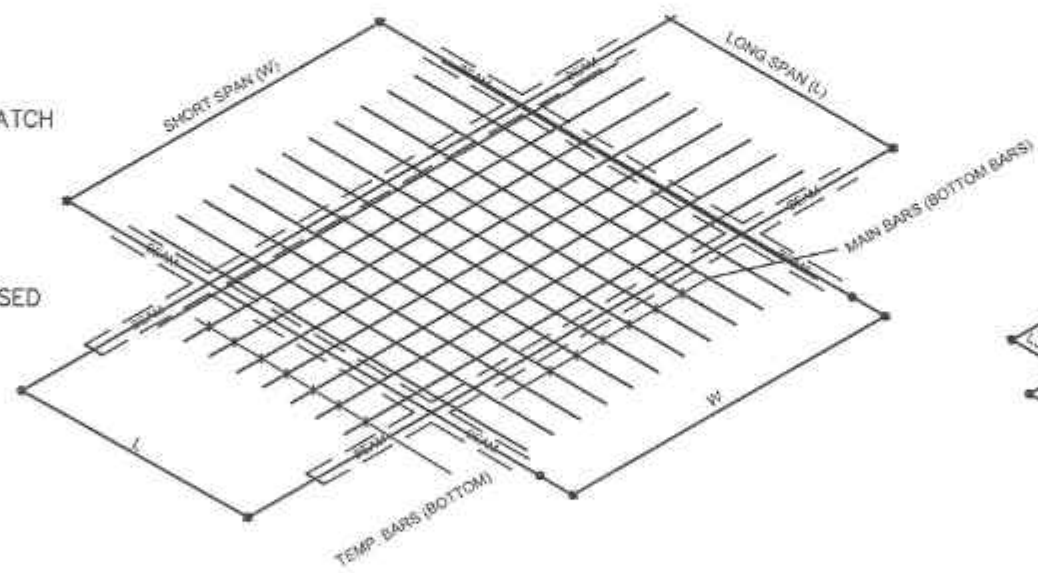
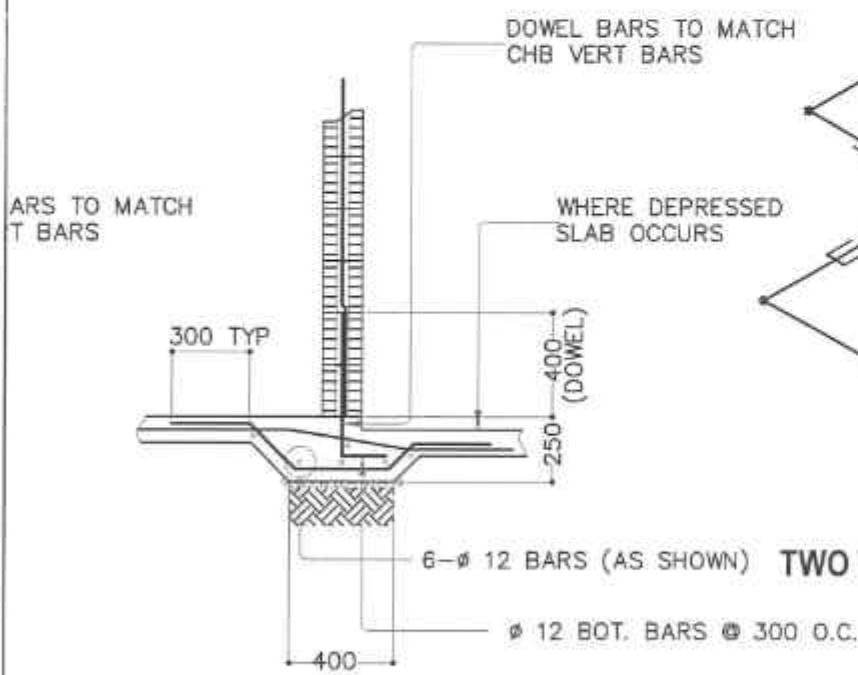


SCHEDULE OF SECOND FLOOR SLAB REINFORCEMENT

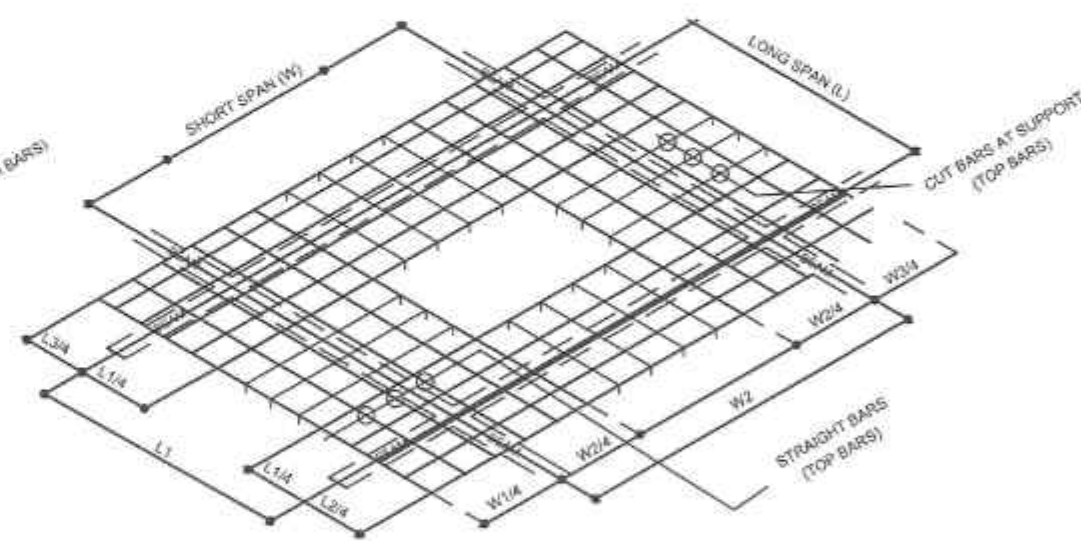
SLAB NO.	THICK (mm)	ALONG SHORT SPAN		ALONG LONG SPAN		REMARKS
		TOP BARS	BOT. BARS	TOP BARS	BOT. BARS	
S1	100	10mmØ @ 200mm O.C.	10mmØ @ 200mm O.C.	10mmØ @ 200mm O.C.	10mmØ @ 200mm O.C.	TWO-WAY



SLAB REINFORCEMENT SECTION



LAY-OUT PLAN

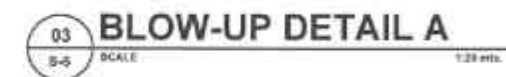


TWO WAY SLAB TOP BARS

LAY-OUT PLAN

TYPICAL WALL FOOTING

TWO WAY SLAB DETAIL



 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS (REGION VII) SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE BPOOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAWN BY	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.
	CONVEGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARAMAY POND-01, SAN JUAN, SOUTHERN LEYTE	STEEL REINFORCEMENT	ALEJANDRO V. BERNARDO DATE: FEB 10 2025 JUNYOME C. VILVEJO DATE: FEB 10 2025	JOSE A. BALTAZAR ENGINEER I DATE: FEB 10 2025	RAIMER LOI C. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE: FEB 10 2025	EVERYDAY TAP ASSISTANT DISTRICT ENGINEER DATE: FEB 17 2025	EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 17 2025	5 6	20 29

GENERAL ELECTRICAL NOTES:

- ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, EXISTING APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND WITH THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
- THE TYPE OF SERVICE POWER SUPPLY TO BE USED SHALL BE SINGLE-PHASE, 2-WIRE, 230V, 60 HERTZ, A.C.
- THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF SERVICE ENTRANCE FOR CONNECTION TO THE POWER COMPANY SERVICE POINT.
- UNLESS OTHERWISE SPECIFIED, THE MINIMUM SIZE OF WIRE AND GALVANIZED RIGID STEEL CONDUIT TO BE USED SHALL BE 3.5mm² THHN AND 15mm NOMINAL DIAMETER, RESPECTIVELY. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR-CODED.
- ALL LIGHTING CIRCUIT HOMERUNS AND CONVENIENCE OUTLETS SHALL BE WIRED WITH NOT LESS THAN 3.5mm² IN SIZE.
- WHEREVER REQUIRED AND NECESSARY, PULL OR JUNCTION BOXES SHALL BE INSTALLED AT CONVENIENT AND INCONSPICUOUS LOCATION, ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLAN NOR MENTIONED IN THE SPECIFICATION.
- ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE FOR LOCATION AND PURPOSE.
- STANDARD TYPE OF ACCESSORIES, SPLICING DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
- ALL WALL OUTLETS SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR LEVEL UNLESS NOTED IN THE PLAN.
 - WALL SWITCHES @ 1300mm
 - WALL CONVENIENCE OUTLETS @ 300mm
- ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.

LEGEND

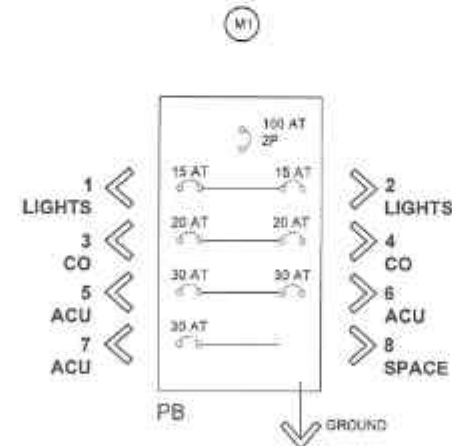
	PANEL BOARD
	#1 DIA. LED, PINLIGHT
	CONVENIENCE OUTLET
	CIRCUIT LINE
	ONE-GANG SWITCH
	TWO-GANG SWITCH

SCHEDULE OF LOADS

CIRCUIT NO.	LOAD DESCRIPTIONS	QTY.	TOTAL VOLT-AMP	I (AMP)	WIRE SIZE	CONDUIT SIZE	BRK. SIZE	NO. OF POLE	KNO.	MAIN CONDUCTOR DESIGN
1	LIGHTS	16	800	2.48	2-#2.0 MM ² THHN, 1-#2.0 MM ² TW	15mm Ø PVC	15	2		IC = (54.09 + 8(0.25)) 60% = (54.09 + 2) 60% = (56.09) 60% = 44.87 A USE: 2- 22.0 MM ² THHN + 1- 8.0MM ² TW, 40mmØ MAIN BREAKER DESIGN: USE: 100 AT 2P 220 VOLTS
2	LIGHTS	19	950	4.13	2-#2.0 MM ² THHN, 1-#2.0 MM ² TW	15mm Ø PVC	15	2		
3	C.O	7	2520	10.96	2-#3.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	20	2		
4	C.O	8	2880	12.52	2-#3.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	20	2		
5	A.C.U (2HP)	1	1865	8	2-#5.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	20	2		
6	A.C.U (2HP)	1	1865	8	2-#5.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	30	2		
7	A.C.U (2HP)	1	1865	8	2-#5.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	30	2		
8	SPACE									
MAIN BREAKER & FOR			12,745	54.09	2-#22.0 MM ² THHN, 1-#8.0 MM ² TW	40mm Ø PVC	100	2		

TO EXISTING POWER SOURCE

2-#22.0 MM² THHN,
1-#8.0 MM² TW



SINGLE LINE DIAGRAM



LOCATION PLAN

PROFESSIONAL ELECTRICAL ENGINEER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
E.T.N.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2nd DISTRICT
ENGINEERING OFFICE
BUCOD, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTIPURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION COMPLETION
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OY, SAN JOAN, SOUTHERN LEYTE

SHEET CONTENTS
ELECTRICAL NOTES
SCHEDULE OF LOADS
SINGLE LINE DIAGRAM
LEGEND

DRAWN BY
KEITH JASPER L. BUCAD
DATE
FEB 10 2025
PREPARED BY
JUNORIE C. MILLEJO
DATE
FEB 07 2025

REVIEWED BY
JOSE A. BALAGAN
DATE
FEB 10 2025

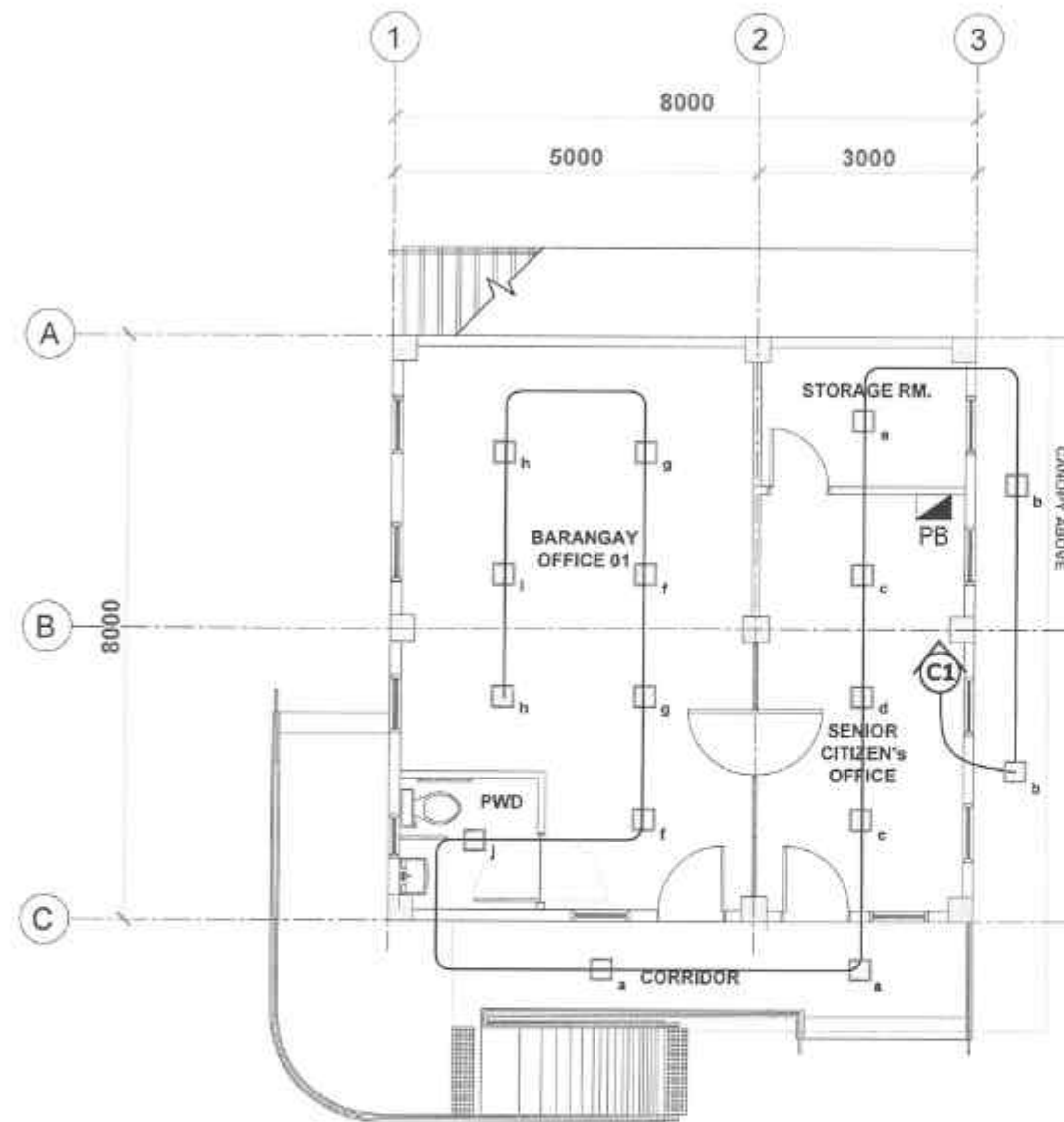
SUBMITTED BY
RAINFRED C. RUIZ
CHIEF, PLANNING & DESIGN SECTION
DATE
FEB 10 2025

RECOMMENDED BY
KVELYN D. TAP
ASSISTANT DISTRICT ENGINEER
DATE
FEB 11 2025

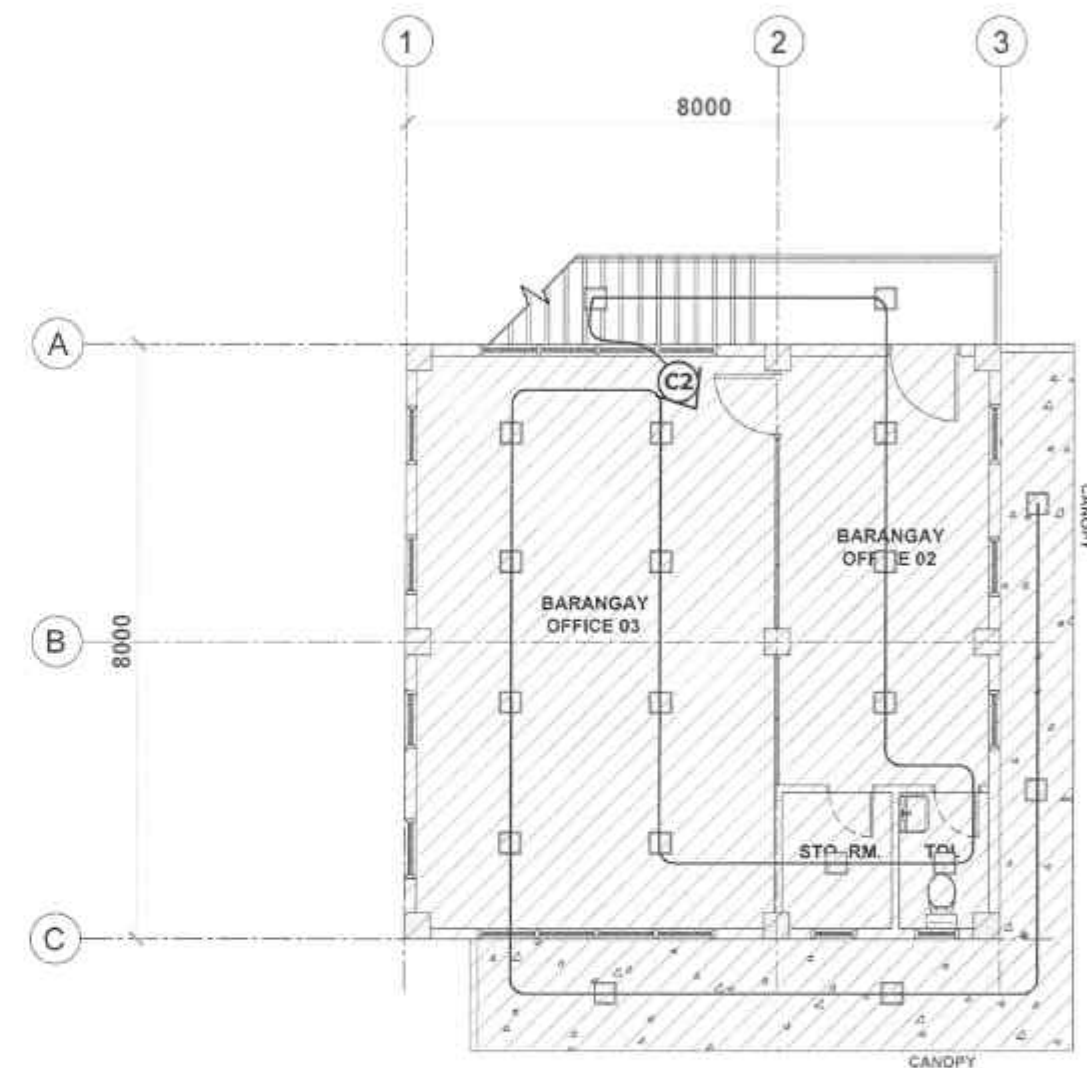
APPROVED BY
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
FEB 17 2025

SHEET NO.
E
13
SHEET NO.
21
29

NOTE:
S.F. LIGHTING LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



01 GROUND FLOOR LIGHTING LAYOUT
SCALE: 1/75 mm



02 SECOND FLOOR LIGHTING LAYOUT
SCALE: 1/75 mm

PROFESSIONAL ELECTRICAL ENGINEER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.I.N.:



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
SOCCO, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTIPURPOSE BUILDING
BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
GROUND FLOOR LIGHTING LAYOUT
SECOND FLOOR LIGHTING LAYOUT

DRAWN BY
KEITH JASPER L. BICARA
DATE: FEB 07 2025
PREPARED BY
JUNROME C. VILLALBA
DATE: FEB 07 2025

REVIEWED BY
JONALYN B. LAZAR
DATE: FEB 10 2025

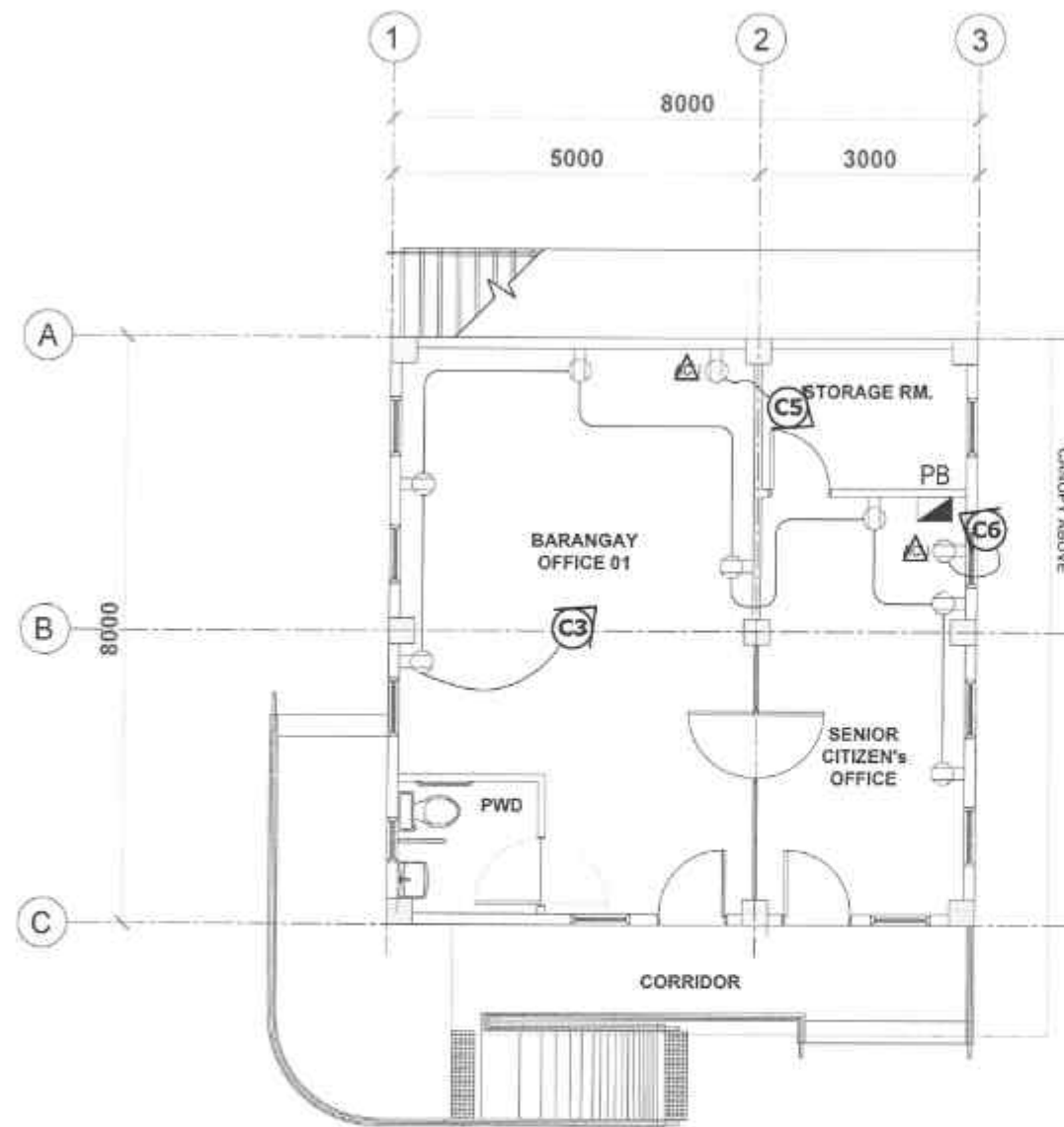
SUBMITTED BY
JOHNIELOU C. RUIZ
DATE: FEB 10 2025

RECOMMENDED BY
EVELYN D. YAP
DATE: FEB 10 2025

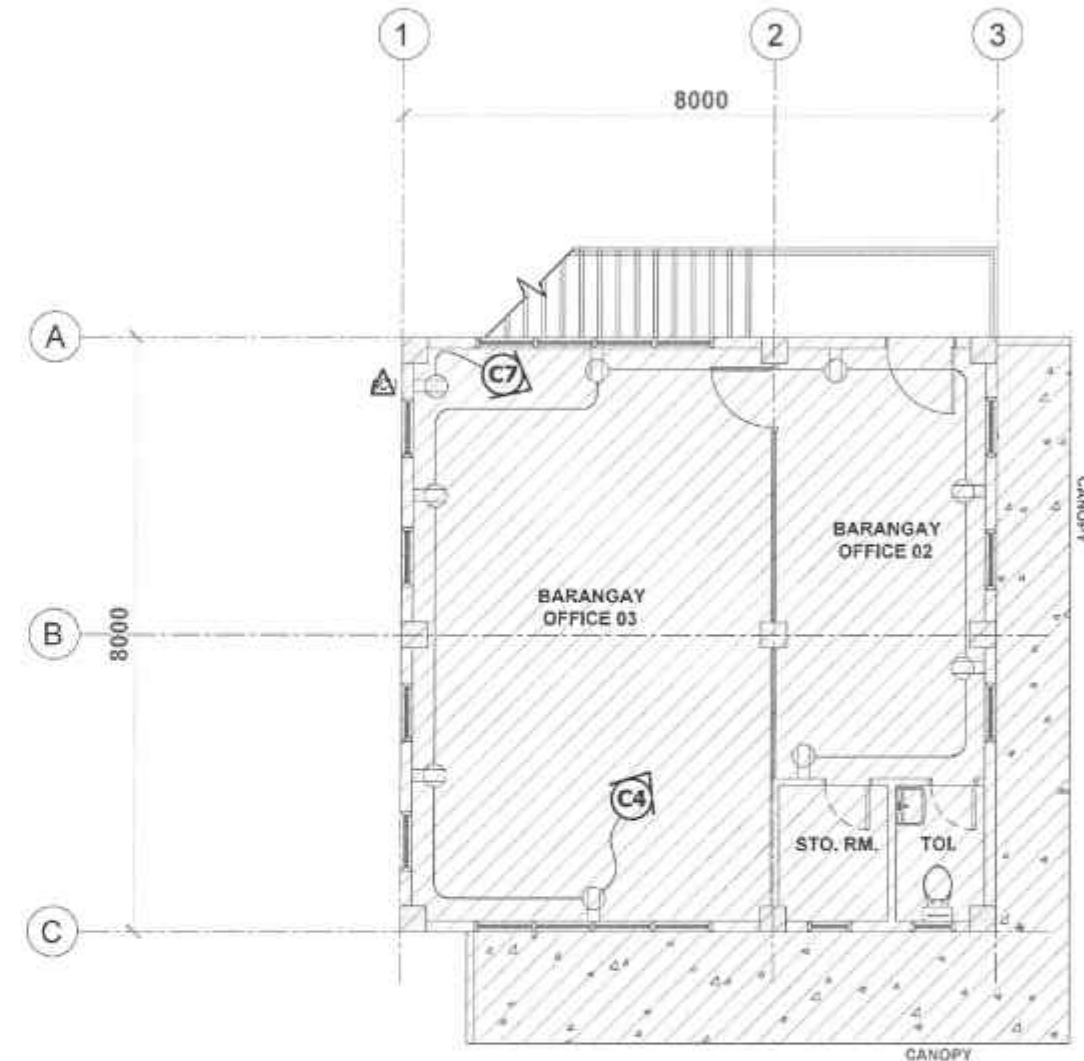
APPROVED BY
EDUARDO V. SANTOS
DATE: FEB 17 2025

SET NO.:
SHEET NO.:
E 22
2 3 25

NOTE:
S.F. POWER LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



01 GROUND FLOOR POWER LAYOUT
SCALE 1/32" = 1'-0"



02 SECOND FLOOR POWER LAYOUT
SCALE 1/32" = 1'-0"

PROFESSIONAL ELECTRICAL ENGINEER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.N.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
BAGAS, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-OT, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS:
GROUND FLOOR POWER LAYOUT
SECOND FLOOR POWER LAYOUT

DESIGNED BY
JUNOME C. VILLANO
DATE: FEB 07 2025

REVIEWED BY
JOSE A. BALTAZAR
DATE: FEB 18 2025

SUBMITTED BY
RAINOLD V. C. RUZ
DATE: FEB 10 2025

RECOMMENDED BY
EVELYN D. P.
DATE: FEB 17 2025

APPROVED BY
EDUARDO V. AYLOS
DATE: FEB 17 2025

SHEET NO. 33
SHEET NO. 29

GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORKS HEREIN SHALL BE EXECUTED ACCORDING TO THE REQUIREMENTS OF PHILIPPINE NATIONAL PLUMBING CODE AND THE RULE AND REGULATIONS OF THE EXISTING LOCAL CODES AND ORDINANCES. NOTHING CONTAINED ON THE DRAWING SHALL BE CONSTRUED AS TO CONFLICT WITH THE NATIONAL AND LOCAL ORDINANCES OR LAWS GOVERNING THE IMPLEMENTATION OF THE PLUMBING WORKS.
2. REFER TO ALL ELECTRICAL, STRUCTURAL, ARCHITECTURAL PLANS AND SPECIFICATIONS AND INVESTIGATE ALL POSSIBLE INTERFERENCE AND CONDITIONS AFFECTING THE PLUMBING WORKS.
3. IT IS NOT INTENDED THAT THE DRAWING SHALL SHOW EVERY PIPE FITTING, VALVE AND APPLIANCES, FURNISH AND INSTALL, IF NECESSARY. ALL SUCH ITEM WHETHER SPECIALLY MENTIONED OR NOT, OR INDICATED ON DRAWING, TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE PLUMBING TRADE AND TO THE SATISFACTION OF THE ARCHITECT.
4. PERFORM ALL LABOR IN A FIRST-CLASS, NEAT, WORKMANLIKE MANNER BY SPECIALIST SKILLED IN THEIR TRADES, AND SUCH SPECIALIST AND THEIR WORK SHALL BE SATISFACTORY TO THE ARCHITECT.
5. WHERE BRANCH SERVES MORE THAN ONE FIXTURES, INCREASE THE SIZE OF THE BRANCH PROPORTIONALLY.

BASIC MATERIALS:

1. PROVIDE MATERIALS THAT ARE NEW AND THAT CONFORM WITH THE STANDARD OF UNDERWRITERS LABORATORIES, INC.
2. FOR OTHER MISCELLANEOUS REQUIRED MATERIALS NOT SPECIFICALLY MENTIONED, PROVIDE THE BEST OF THE RESPECTIVE KIND.
3. SUBMIT SAMPLES OF MATERIALS FOR APPROVAL AS REQUIRED BY THE ARCHITECT.
4. CONFORM ALL APPLICABLE PIPES AND MATERIALS FOR VARIOUS SERVICES TO STANDARDS TABULATED BELOW.

PLUMBING FIXTURES:

1. INSTALL ALL PLUMBING FIXTURES FREE AND OPEN IN A MANNER TO ACCESS FOR CLEANING. FURNISH WITH BRACKETS, CLEATS, PLATES, AND ANCHORS REQUIRED FINISH COATS OR COVERING.
2. KEEP AWAY, AT A SUFFICIENT DISTANCE BUT NOT LESS 1/2 INCH (12.5mm). ALL SERVICE PIPE, VALVES AND FITTINGS FROM SURFACES AND LOCATIONS WHICH MAY REQUIRED FINISH COATS OR COVERING.
3. EXTEND THE PIPING TO ALL FIXTURES, OUTLETS, AND EQUIPMENTS FROM REQUIRED GATE VALVES INSTALLED IN EACH BRANCH NEAR RISERS.

SHUT - OFFS:

1. PROVIDE THE ENTIRE SYSTEM WITH VALVE SO LOCATED THAT THE SYSTEM OR PROPORTION OF IT CAN BE OPERATED, REPLACED, AND REPAIRED, AS WELL AS AFFORDING COMPLETE CONTROL OF WATER SUPPLY TO EACH GROUP OF FIXTURES. WHEN REQUIRED, PROVIDE ALSO PRESSURE REDUCING VALVE.

SOIL, WASTE, DRAIN, AND VENT PIPINGS:

1. INSTALL ALL PIPING WORKS IN CONFORMITY WITH ALL PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE NATIONAL PLUMBING CODE AND APPLICABLE REQUIREMENTS OF THE EXISTING LOCAL CODES.
2. EXCAVATE TO REQUIRED DEPTHS AND GRACES. ALL EXCAVATIONS REQUIRED FOR THE INSTALLATIONS OF PLUMBING AND DRAINAGE SYSTEMS WHEN ROCK IS ENCOUNTERED, EXTEND EXCAVATION TO A DEPTH 150mm. BELOW THE PIPE BOTTOM AND BEFORE THE PIPE IS LAID, FILL THE SPACE BETWEEN THE BOTTOM OF THE PIPE AND ROCK SURFACE WITH SAND AND APPROVED MATERIAL.
3. LAY WATER SUPPLY PIPES AND SEWERS IN SEPARATE TRENCHES.

JOINTS AND FITTINGS:

1. MAKE ALL JOINTS AIR AND WATER TIGHT. FOR JOINING PIPES, USE THE FOLLOWING:
 - A. POLYVINYL CHLORIDE PIPES : HUB TYPE JOINTS WITH PVC CEMENT
 - B. GALVANIZED IRON AND COPPER PIPES. CAREFULLY REAMED THREADED JOINTS. APPLY TEFLON TAPE OR PAINT WITH RED LEAD AT ALL JOINT LENGTHS.
 - C. CEMENT PIPES : GROUT WITH CEMENT MIX ALL AROUND THE JOINT IN A CONSISTENT MANNER. DO NOT ALLOW GROUT TO BULGE INSIDE PIPE INTERIORS. USE APPROPRIATE COUPLERS AND BLUE AT JOINTS.

CLEAN OUTS:

1. FOR CLEAN OUT STEMMING FORM CAST IRON BELL AND SPIGOT PIPES OR PVC SUBSTITUTES THEREOF, PROVIDE WITH LONG SWEEP QUARTER BENDS OR ONE OR TWO EIGHT BENDS, EXTENDED TO AN EASILY ACCESSIBLE PLACE, AND GENERALLY WHERE INDICATED IN THE DRAWINGS.
2. SET EACH TRAP AS CLOSE AS POSSIBLE TO THE FIXTURE SERVED AND RENDER LEVEL WITH RESPECT TO THEIR WATER SEAL.

OTHERS:

1. PIPE SHALL BE INSTALLED AS INDICATED, ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE PRIOR APPROVAL OF ARCHITECT AND ENGINEERS.
2. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH, AND ELEVATION.
3. ALL FIXTURES SHALL BE VENTED, UNLESS OTHERWISE INDICATED.
4. AIR CHAMBER: ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUP OF FIXTURES AND/OR EQUIPMENT SHALL BE PROVIDED WITH CHAMBER OF CAPPED VERTICAL PIPE EXTENSION OF DIMENSIONS AS IN DETAIL.

SPECIFICATION :

1. ALL HORIZONTAL PIPINGS SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM GRADE NOT LESS THAN 2% AND SHALL BE SUPPORTED OR ANCHORED AT AN INTERVAL NOT TO EXCEED 10 FEET.
2. ALL PIPES PASSING THRU OR UNDER WALLS AND DRIVEWAYS SHALL BE PROPERLY PROTECTED AGAINST BREAKAGE.
3. ALL CAULKED JOINT SHALL BE FIRMLY PACKED WITH OAKUM OR OIL TREATED HEMP AND SHALL BE PROPERLY SECURED ONLY WITH PURE LEAD NOT LESS THAT 1" DEEP WELL CAULKED.
4. WORKMANSHIP SHALL BE OF SUCH CHARACTER AS TO FULLY SECURE

CERTIFICATION :

THIS IS TO CERTIFY THAT THERE IS NO ARTESIAN WELL WITHIN A RADIUS OF 25.00 METERS FROM THE SEPTIC VAULT.

MASTER PLUMBER

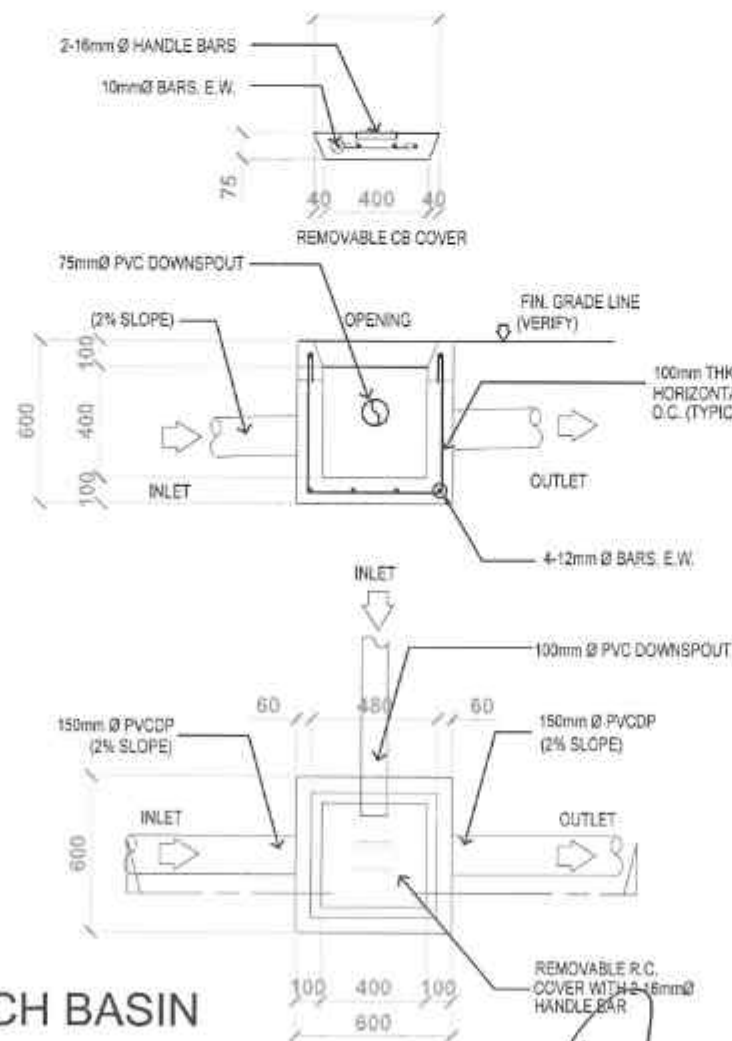
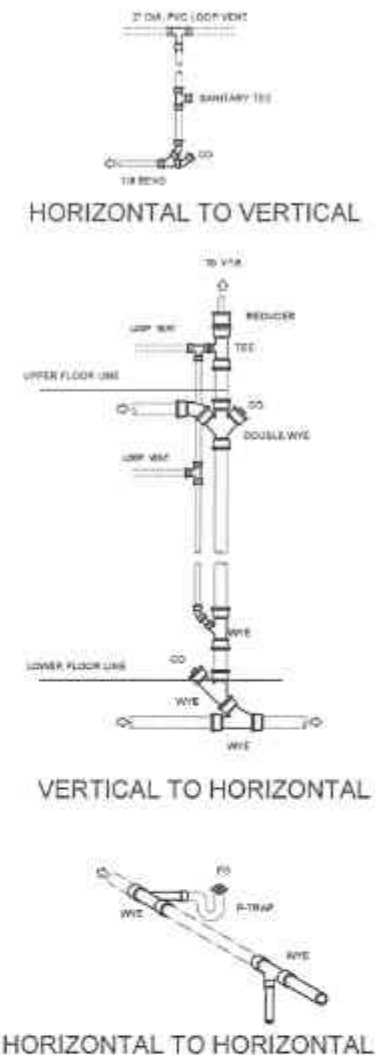
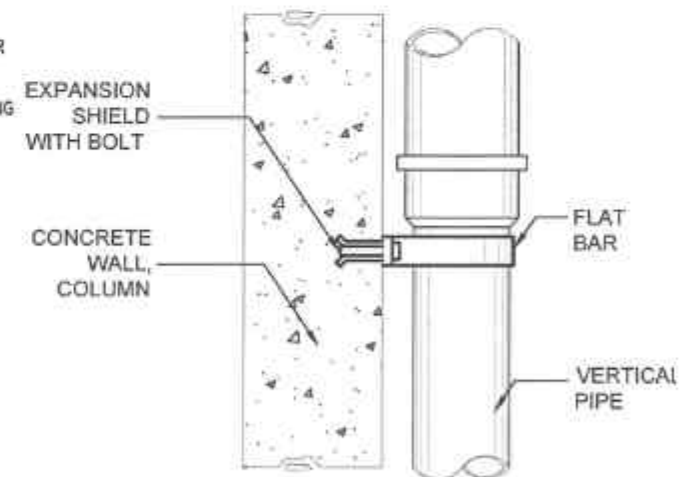
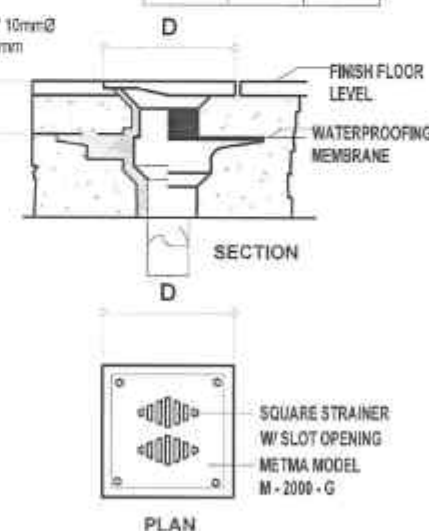


TABLE OF DIMENSIONS

PIPE SIZE	DIMENSION IN MM		
A	B	C	D
80	38.1	101.6	
75	38.1	101.6	
100	40.0	152.4	
150	50.8	177.8	



MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED :



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80000, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUN (BUN) FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION COMPLETION
OF MULTI-PURPOSE BUILDING
BARANAYAT PONG-OY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS:

PLUMBING NOTES
SPECIFICATION

DRAFTED:
ALB JANDON
DATE: FEB 07 2025
PREPARED:
JURDOME C. WILMOTO
DATE: FEB 07 2025

REVIEWED:
JOSE A. BALTAZAR
DATE: FEB 10 2025

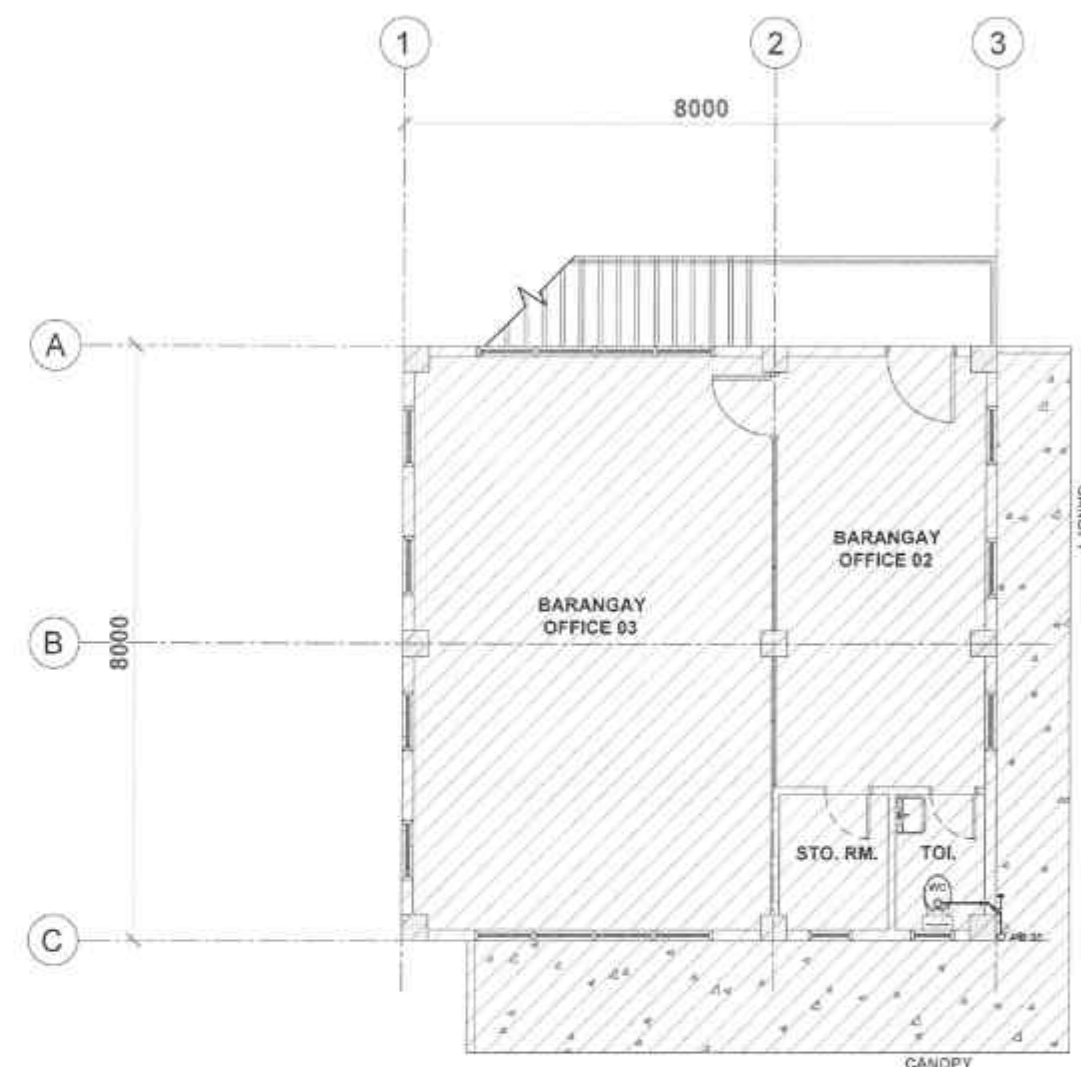
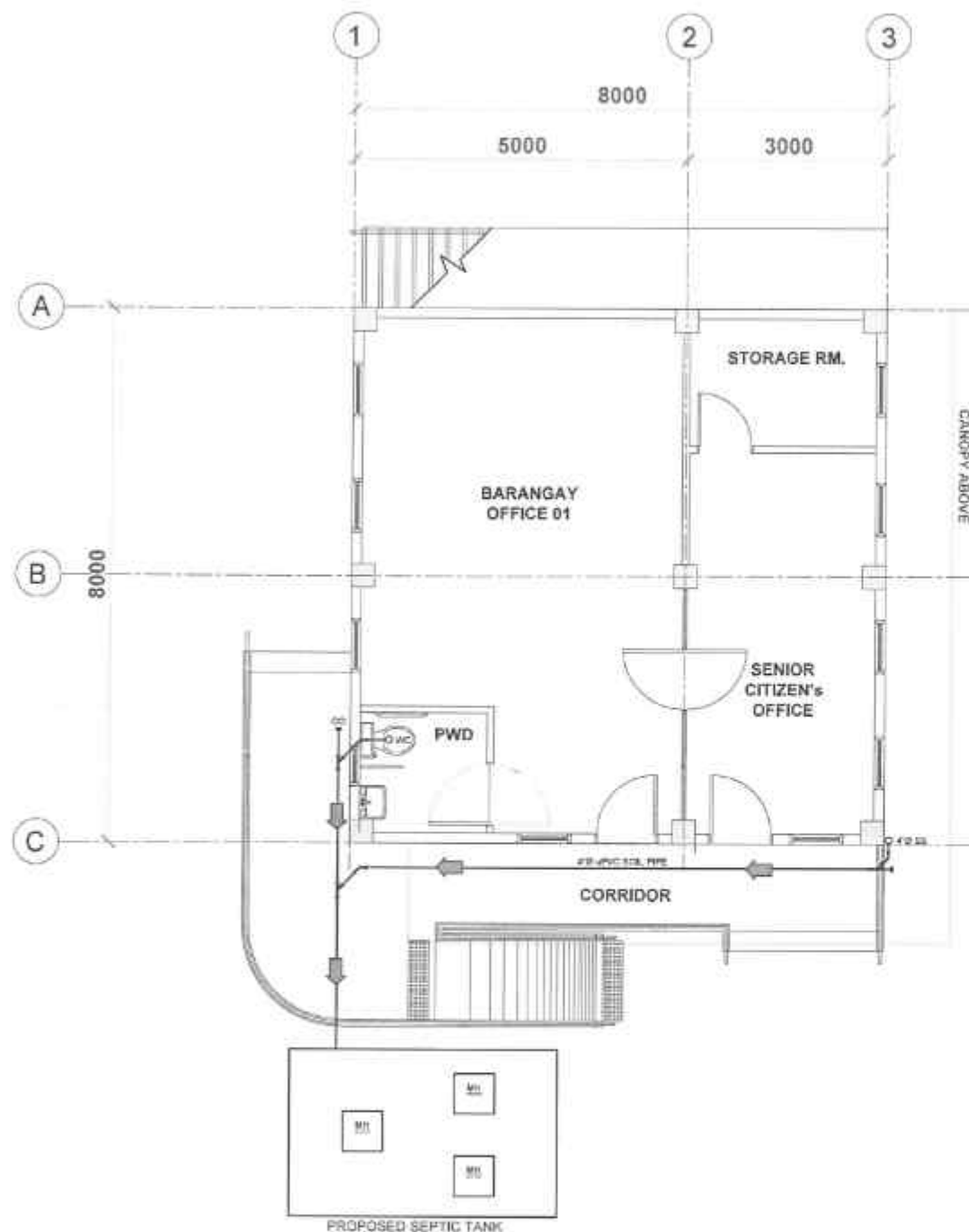
SUBMITTED:
RAINIER JOU C. RUIZ
DATE: FEB 10 2025

RECOMMENDED:
EVA M. L. LOP
DATE: FEB 17 2025

APPROVED:
EDUARDO V. SANTOS
DATE: FEB 17 2025

SET NO.:
SHEET NO.:
24
25

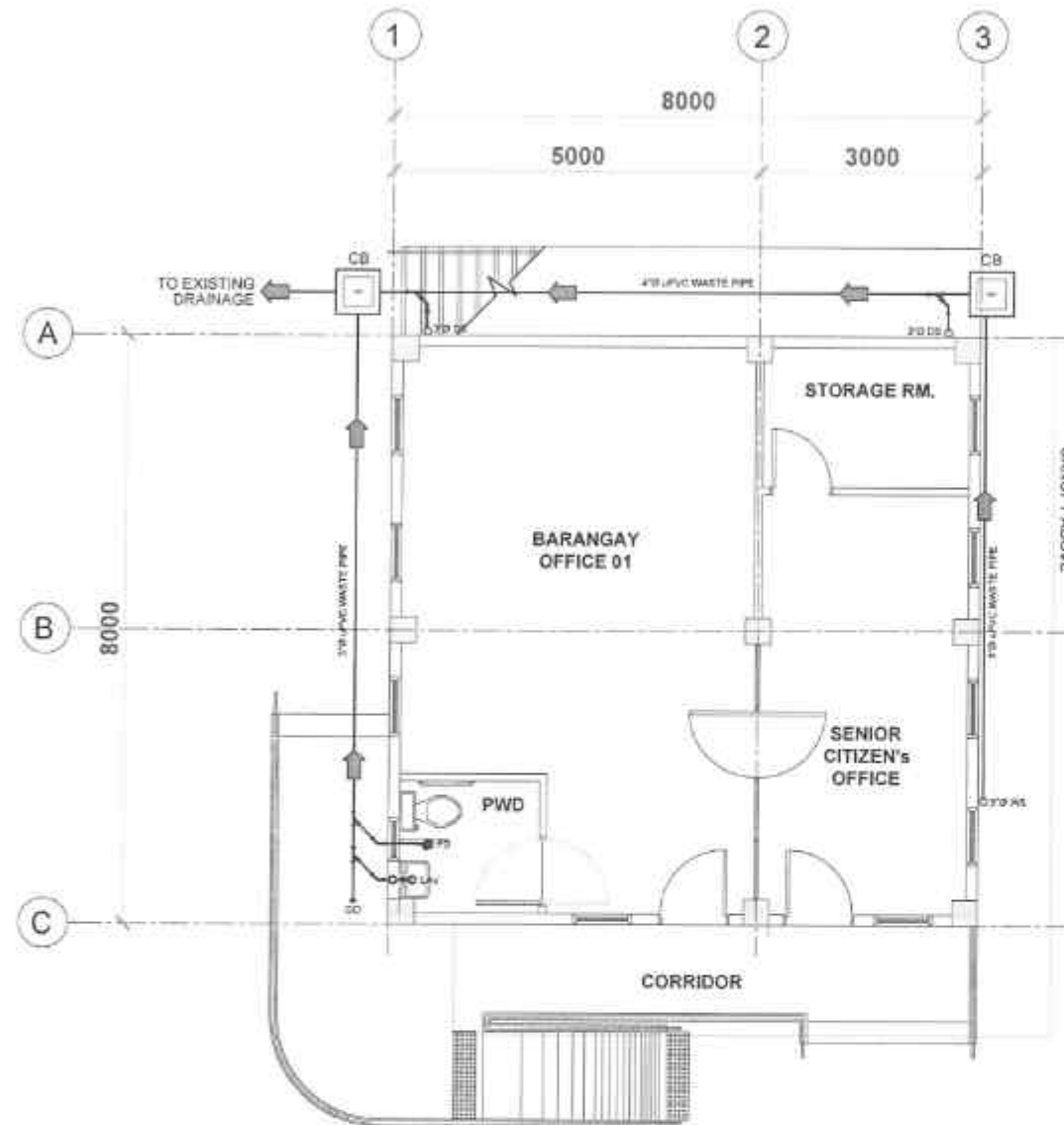
NOTE:
S.F. SANITARY LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



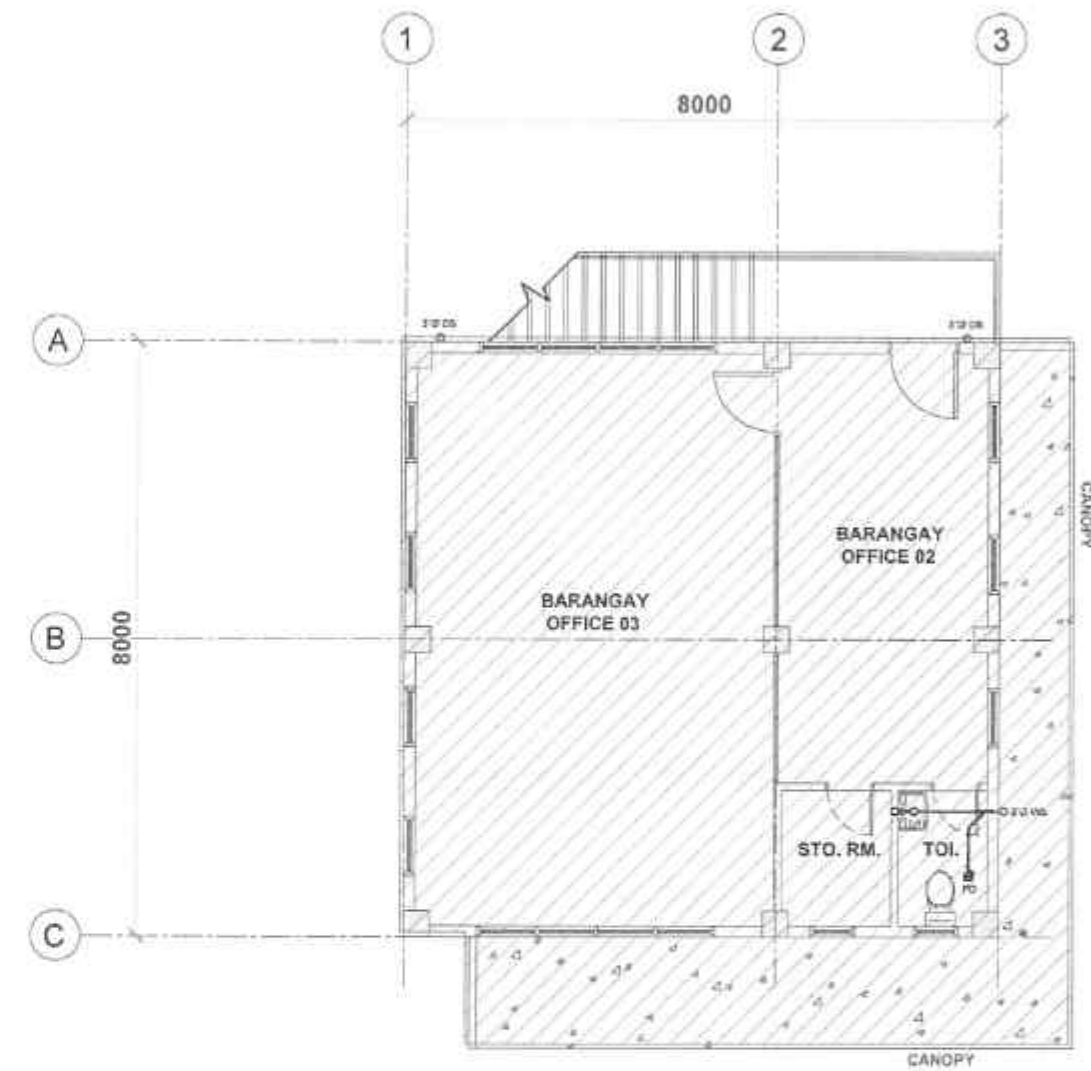
MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.N.

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000 SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - (CONSTRUCTION COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS GROUND FLOOR SANITARY LAYOUT SECOND FLOOR SANITARY LAYOUT	DRAFTED ALEXANDER C. BAYAN DATE: FEB 07 2025 PREPARED JUAN MIGUEL C. W. LUCAS DATE: FEB 07 2025	REVIEWED JOSE A. BALTAZAR ENGINEER II DATE: FEB 10 2025	SUBMITTED RAINIER L. OU C. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE: FEB 18 2025	RECOMMENDED EVELYN D. LAP ASSISTANT DISTRICT ENGINEER DATE: FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 17 2025	SET NO.: P 25 SHEET NO.: 25
--	---	---	--	--	---	--	---	--

NOTE:
S.F. STORM DRAINAGE LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



01 GROUND FLOOR STORM DRAINAGE LAYOUT
P-2 SCALE 1/75 HRS.



02 SECOND FLOOR STORM DRAINAGE LAYOUT
P-2 SCALE 1/75 HRS.

MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.I.N.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80000 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION COMPLETION
OF MULTI-PURPOSE BUILDING
BARANGAY PONG-AY, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS
GROUND FLOOR STORM DRAINAGE LAYOUT
SECOND FLOOR STORM DRAINAGE LAYOUT

DRAFTED
ALEXANDER D. TORRES
DATE: FEB 07 2025
PREPARED
JUNORME C. VILLASO
ENGINEER II
DATE: FEB 07 2025

REVIEWED
JOSE A. BALTAZAR
ENGINEER III
DATE: FEB 10 2025

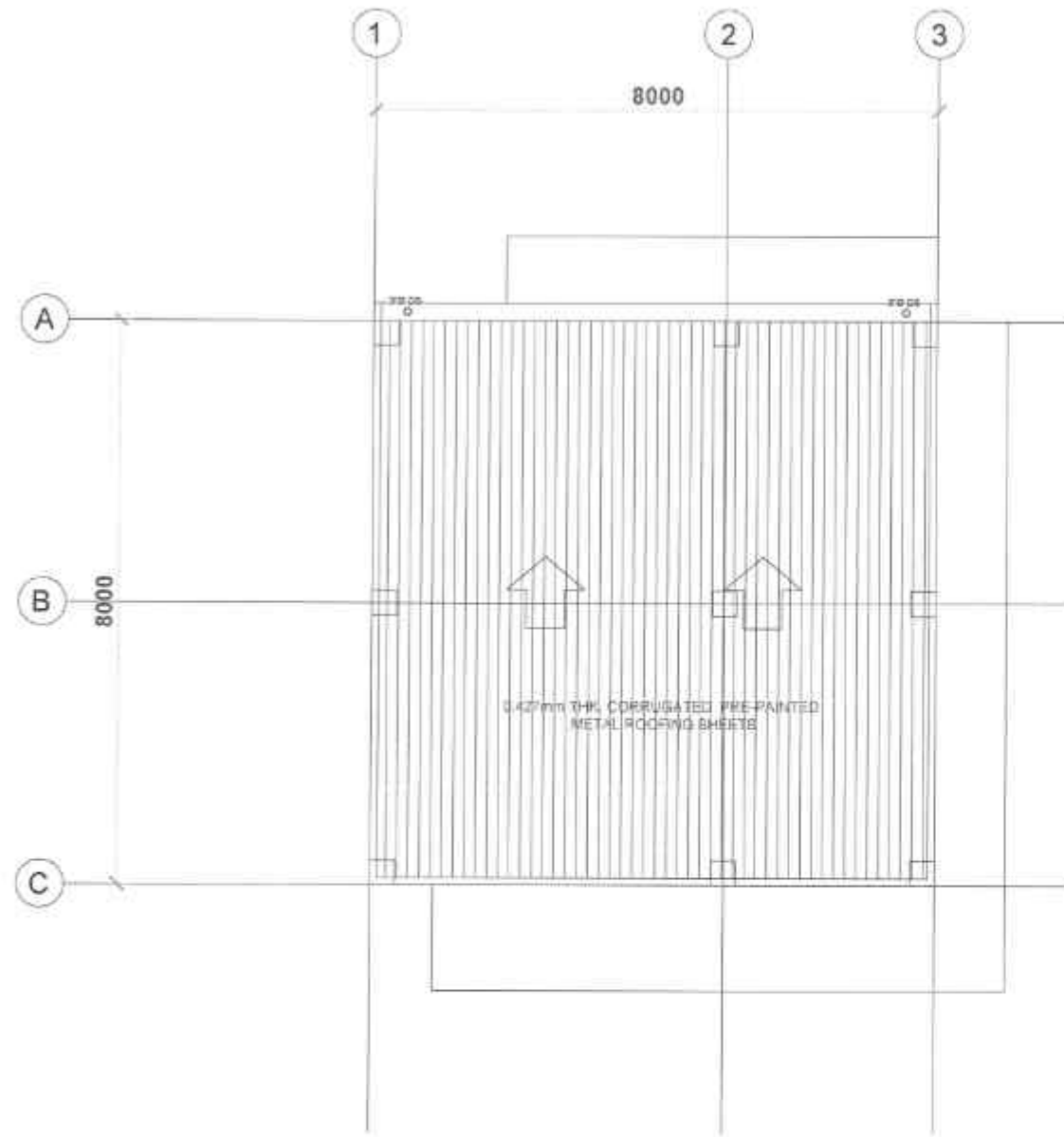
SUBMITTED
RAINIERO C. LINDO
CHIEF, PLANNING & DESIGN SECTION
DATE: FEB 10 2025

RECOMMENDED
EVELYN D. LAP
ASSISTANT DISTRICT ENGINEER
DATE: FEB 10 2025

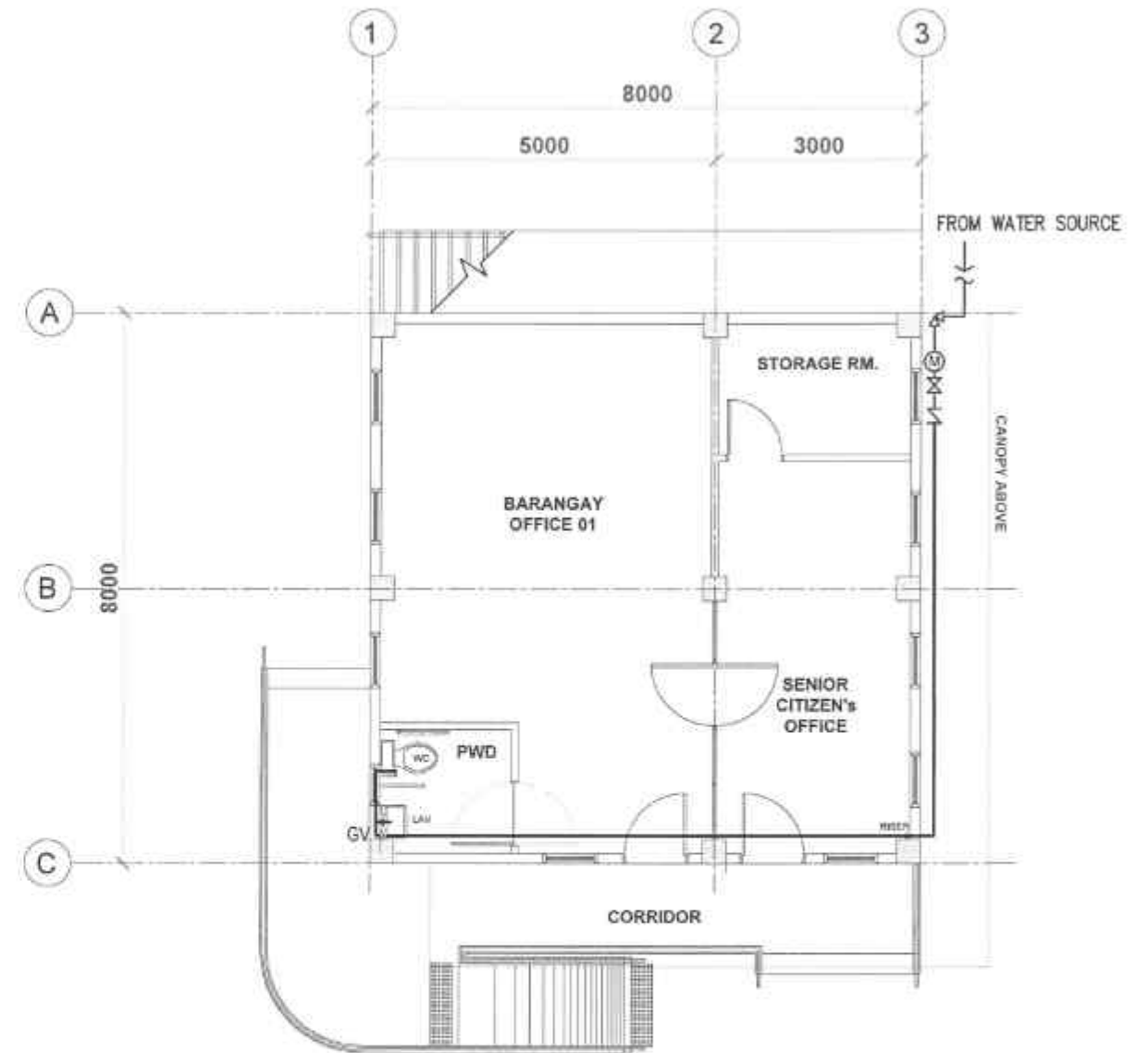
APPROVED
EDUARDO V. SANJOS
DISTRICT ENGINEER
DATE: FEB 17 2025

SET NO.:
SHEET NO.:
35
26

NOTE:
ROOF PLAN SANITARY LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



01 ROOF PLAN STORM DRAINAGE LAYOUT
SCALE: 1:75 mm.

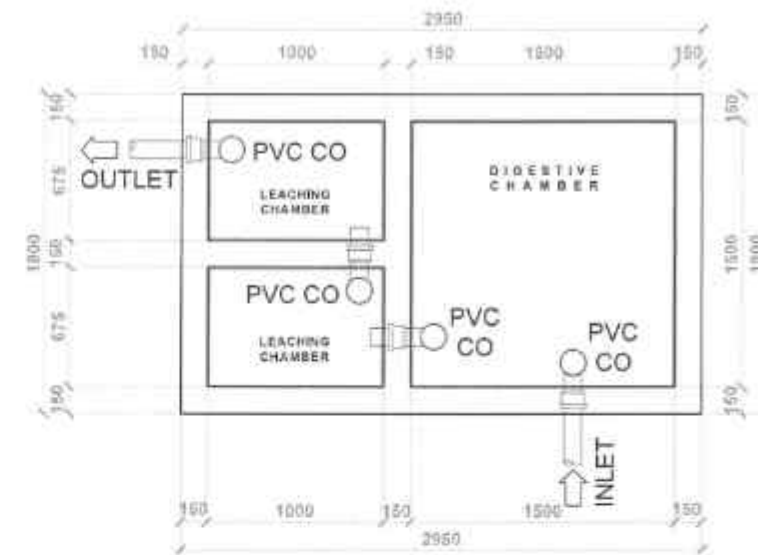
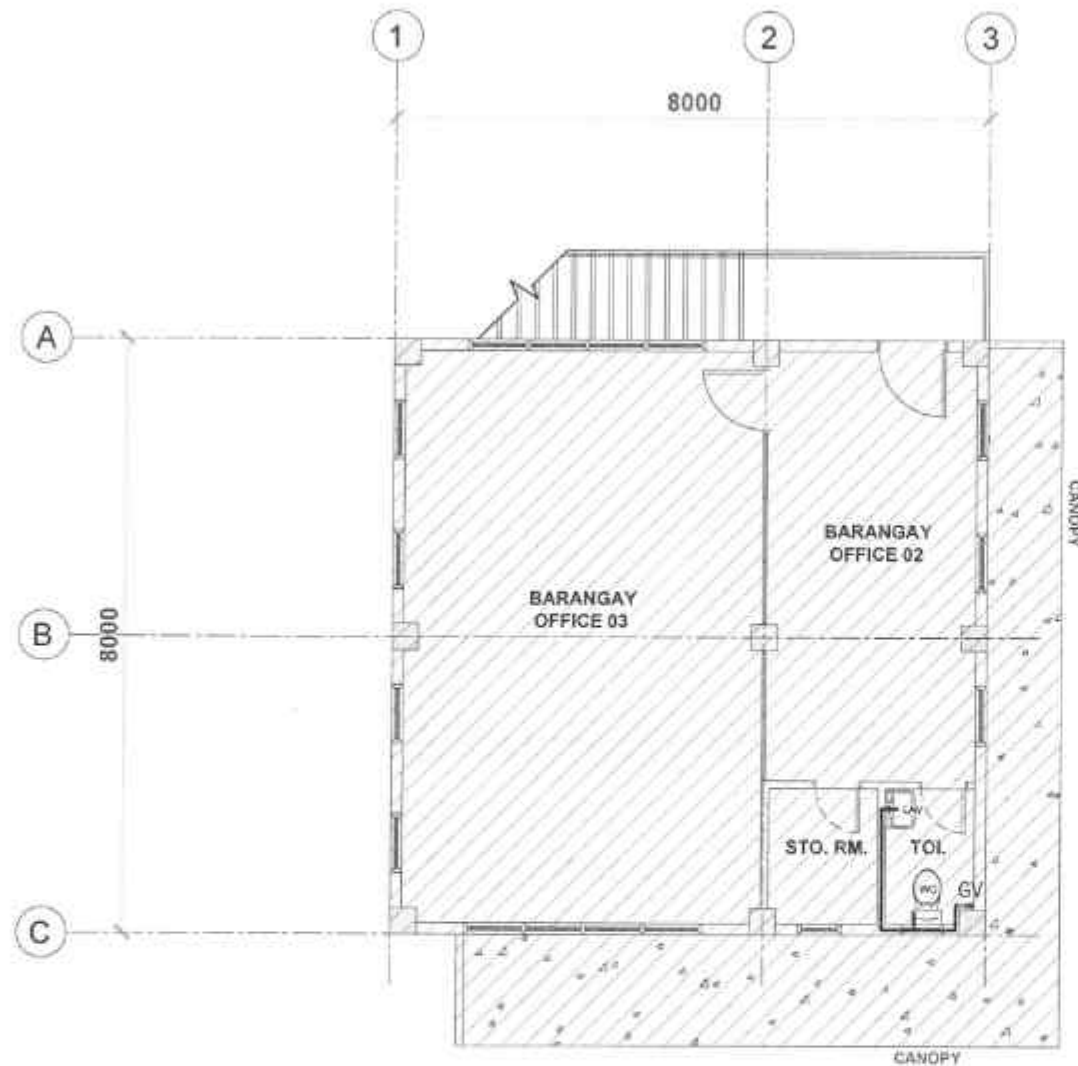


02 GROUND FLOOR WATERLINE LAYOUT
SCALE: 1:75 mm.

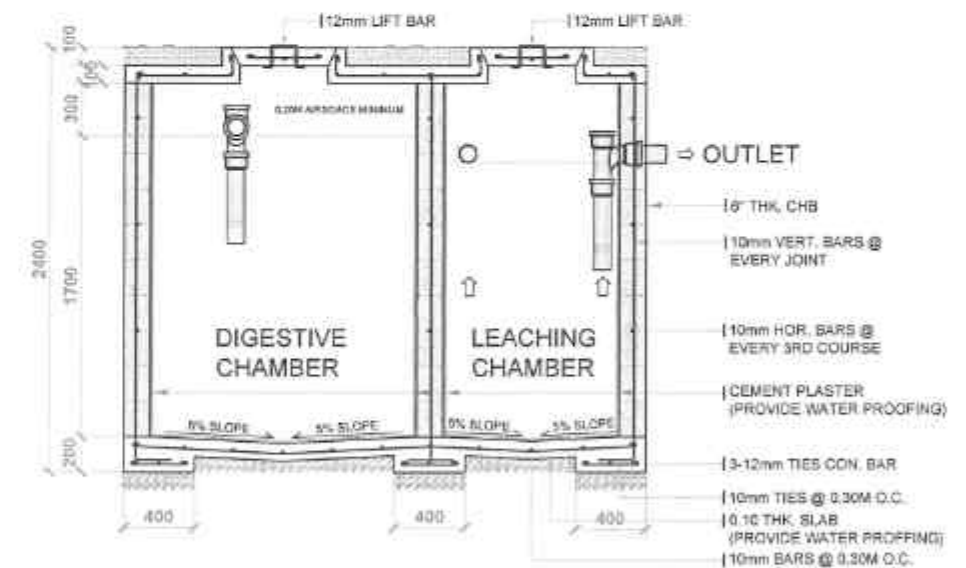
MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2nd DISTRICT ENGINEERING OFFICE BODIG, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION COMPLETION OF MULTI-PURPOSE BUILDING BARANGAY PONGLOI, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS ROOF PLAN STORM DRAINAGE LAYOUT GROUND FLOOR WATERLINE LAYOUT	DRAFTED ALFONSO C. BERNALDO DATE: FEB 07 2025 PREPARED JUAN C. VILLAS ENGINEER II DATE: FEB 07 2025	REVIEWED JOSE A. BALAZAR ENGINEER I DATE: FEB 10 2025	SUBMITTED RAINIER LOU C. RINZ CHIEF, PLUMBING & CERAMIC SECTION DATE: FEB 10 2025	RECOMMENDED EVELYN L. YAL ASSISTANT DISTRICT ENGINEER DATE: FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 17 2025	SET NO: P 4 SHEET NO: 27
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NOTE:
S.F. WATERLINE LAYOUT IS DESIGNED FOR FUTURE
AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION.



PLAN

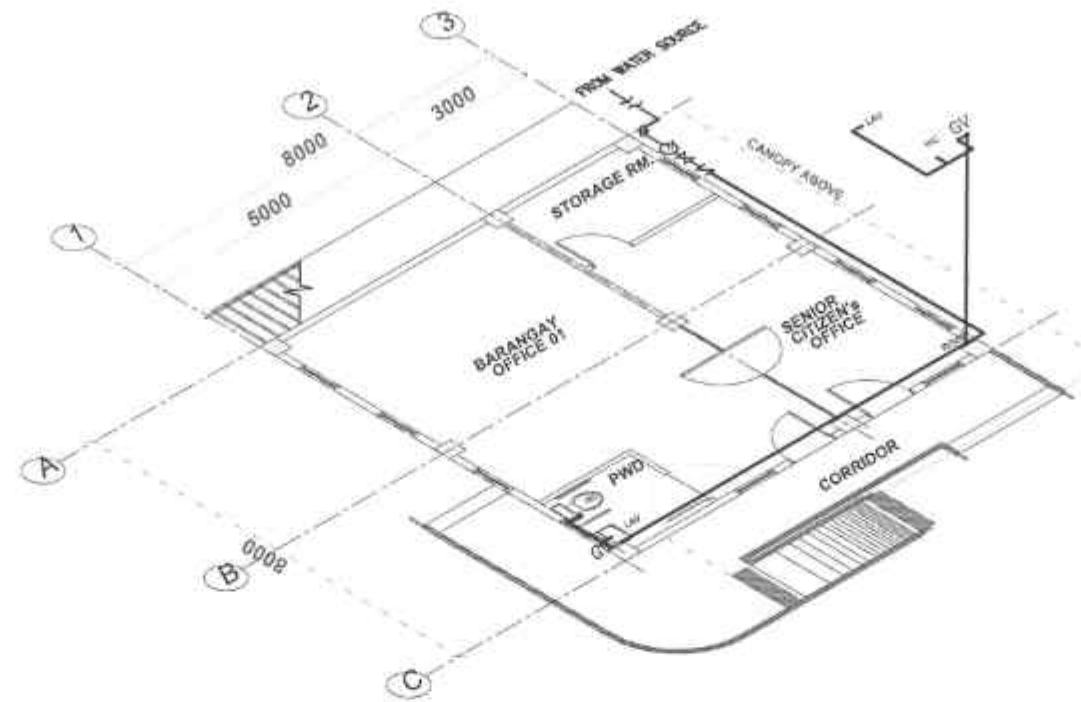


SECTION

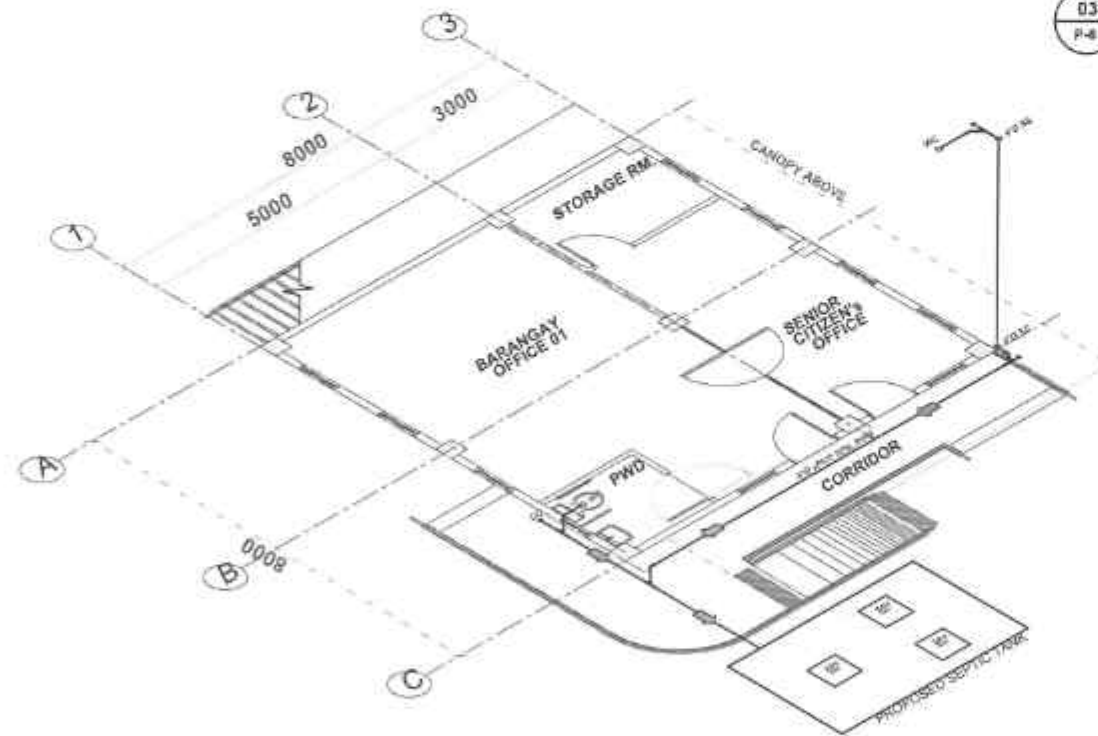
01 SECOND FLOOR WATERLINE LAYOUT
P-5 SCALE 1:50 mm

MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.I.N.

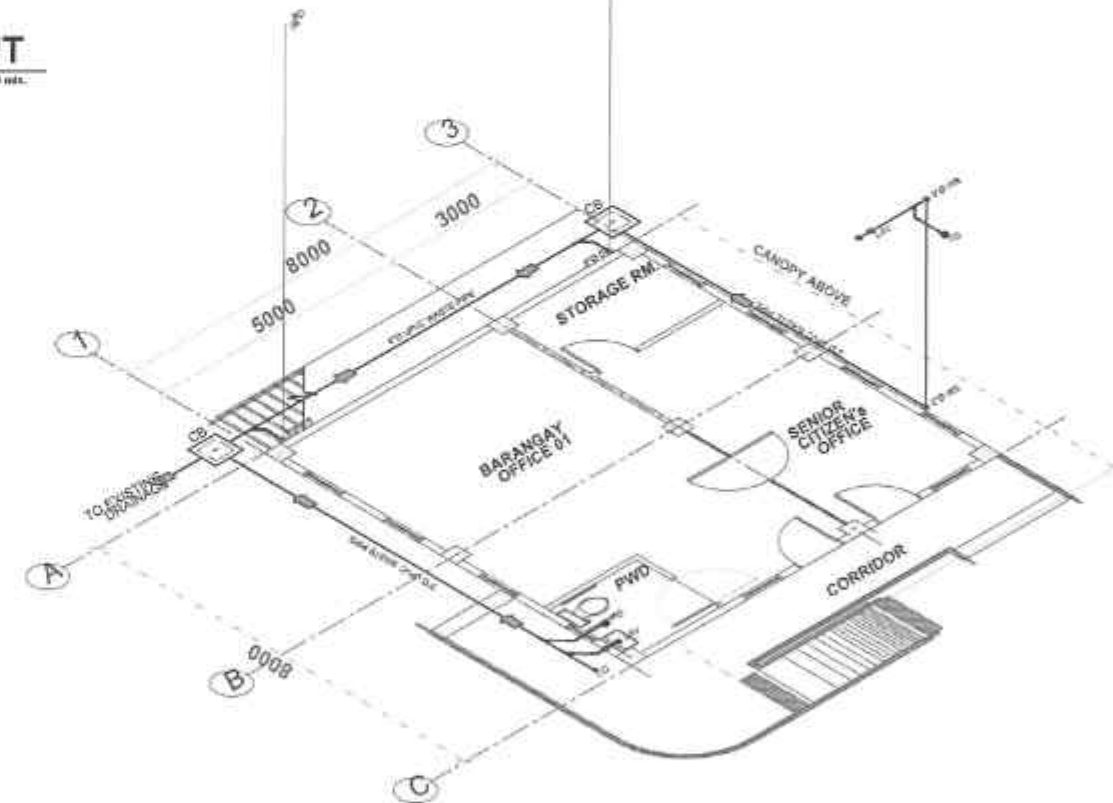
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000D, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION COMPLETION OF MULTI-PURPOSE BUILDING BARANGAY PONG-OY, SAN JUAN, SOUTHERN LEYTE	SHEET CONTENTS ROOF PLAN STORM DRAINAGE LAYOUT GROUND FLOOR WATERLINE LAYOUT	DRAFTED ALEJANDRO C. BATAAN ENGINEER I DATE: FEB 07 2025 PREPARED JUNIOR C. BATAAN ENGINEER II DATE: FEB 07 2025	REVIEWED JOSE A. BATAAN ENGINEER I DATE: FEB 10 2025	SUBMITTED RAINIER LOU C. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE: FEB 10 2025	RECOMMENDED EVELYN D. TAP ASSISTANT DISTRICT ENGINEER DATE: FEB 17 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 17 2025	SHEET NO. 28	SHEET NO. 29
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03
P-6
WATERLINE ISOMETRIC LAYOUT
SCALE 1:50 H.S.



01
P-6
SANITARY ISOMETRIC LAYOUT
SCALE 1:50 H.S.



02
P-6
STORM DRAINAGE ISOMETRIC LAYOUT
SCALE 1:50 H.S.

MASTER PLUMBER
LICENSE NO.:
PTR NO.:
DATE ISSUED NO.:
PLACE ISSUED:
T.N.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
BAGONG, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM
- BASIC INFRASTRUCTURE PROGRAM (BIP)
- MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT
SOCIAL SERVICES - CONSTRUCTION (COMPLETION)
OF MULTIPURPOSE BUILDING
BARANGAY POND-01, SAN JUAN, SOUTHERN LEYTE

SHEET CONTENTS:
ROOF PLAN STORM DRAINAGE LAYOUT
GROUND FLOOR WATERLINE LAYOUT

DRAFTED:
ALEXANDER A. BERNARDO
DATE: FEB 10 2025
REVIEWED:
JUNRONE C. VILLOJO
DATE: FEB 17 2025

REVIEWED:
JOSE A. BALAZAR
DATE: FEB 10 2025

SUBMITTED:
RAINER V. RUZ
DATE: FEB 10 2025

RECOMMENDED:
EVELYN M. YAP
DATE: FEB 7 2025

APPROVED:
EDUARDO V. SANTOS
DATE: FEB 17 2025

SET NO. P 29
S 5 29