



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 LOCAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING**

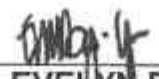
BARANGAY PANALARON, HINUNANGAN, SOUTHERN LEYTE
10.391637°N , 125.200486°E

SUBMITTED :


RAINIER LOU C. RUIZ
CHIEF, PLANNING & DESIGN SECTION
FEB 19 2025

DATE :

RECOMMENDED :


EVELYN D. YAP
ASSISTANT DISTRICT ENGINEER

DATE: FEB 19 2025

APPROVED :


EDUARDO V. SANTOS
DISTRICT ENGINEER

DATE: FEB 19 2025



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 LOCAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING**

BARANGAY PANALARON, HINUNANGAN, SOUTHERN LEYTE
10.391637°N , 125.200486°E

	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2 nd DISTRICT ENGINEERING OFFICE SOGOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED: HEAVY B. [Signature] DATE: FEB 17 2025	REVIEWED: JOSE A. [Signature] DATE: FEB 18 2025	SUBMITTED: RAINER [Signature] DATE: FEB 18 2025	RECOMMENDED: EVELYN [Signature] DATE: FEB 19 2025	APPROVED: EDUARDO V. [Signature] DATE: FEB 19 2025	SET NO.	SHEET NO.
		CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT LOCAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PANALARON, HINUNANGAN, SOUTHERN LEYTE	GENERAL COVER PAGE							01



PERSPECTIVE



PHASE 1



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

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM-BASIC INFRASTRUCTURE PROGRAM-MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT LOCAL SERVICES-
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING
BARANGAY PANALARON, MINUNANGAN, SOUTHERN LEYTE

SHEET CONTENTS
PERSPECTIVE
INDEX OF SHEETS

DRAFTED:
HEAVY S. ZAMORA
DATE: FEB 17 2025
PREPARED:
JUMORNE C. VILLERO
DATE: FEB 17 2025

REVIEWED:
JOSE P. BALTAZAR
DATE: FEB 18 2025

SUBMITTED:
RAIMON C. BUST
DATE: FEB 18 2025

RECOMMENDED:
EVELYN D. TAP
DATE: FEB 19 2025

APPROVED:
EDUARDO V. SANTOS
DATE: FEB 19 2025

SET NO. 1
SHEET NO. 02
15

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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE BUILDING OFFICIAL

DISTRICT / MUNICIPALITY

LAND USE & ZONING

BUILDING OFFICIAL DATE

LINE & GRADE

BUILDING OFFICIAL DATE

ARCHITECTURAL

BUILDING OFFICIAL DATE

CIVIL/STRUCTURAL

BUILDING OFFICIAL DATE

ELECTRICAL

BUILDING OFFICIAL DATE

MECHANICAL

BUILDING OFFICIAL DATE

SANITARY

BUILDING OFFICIAL DATE

PLUMBING

BUILDING OFFICIAL DATE

ELECTRONICS

BUILDING OFFICIAL DATE

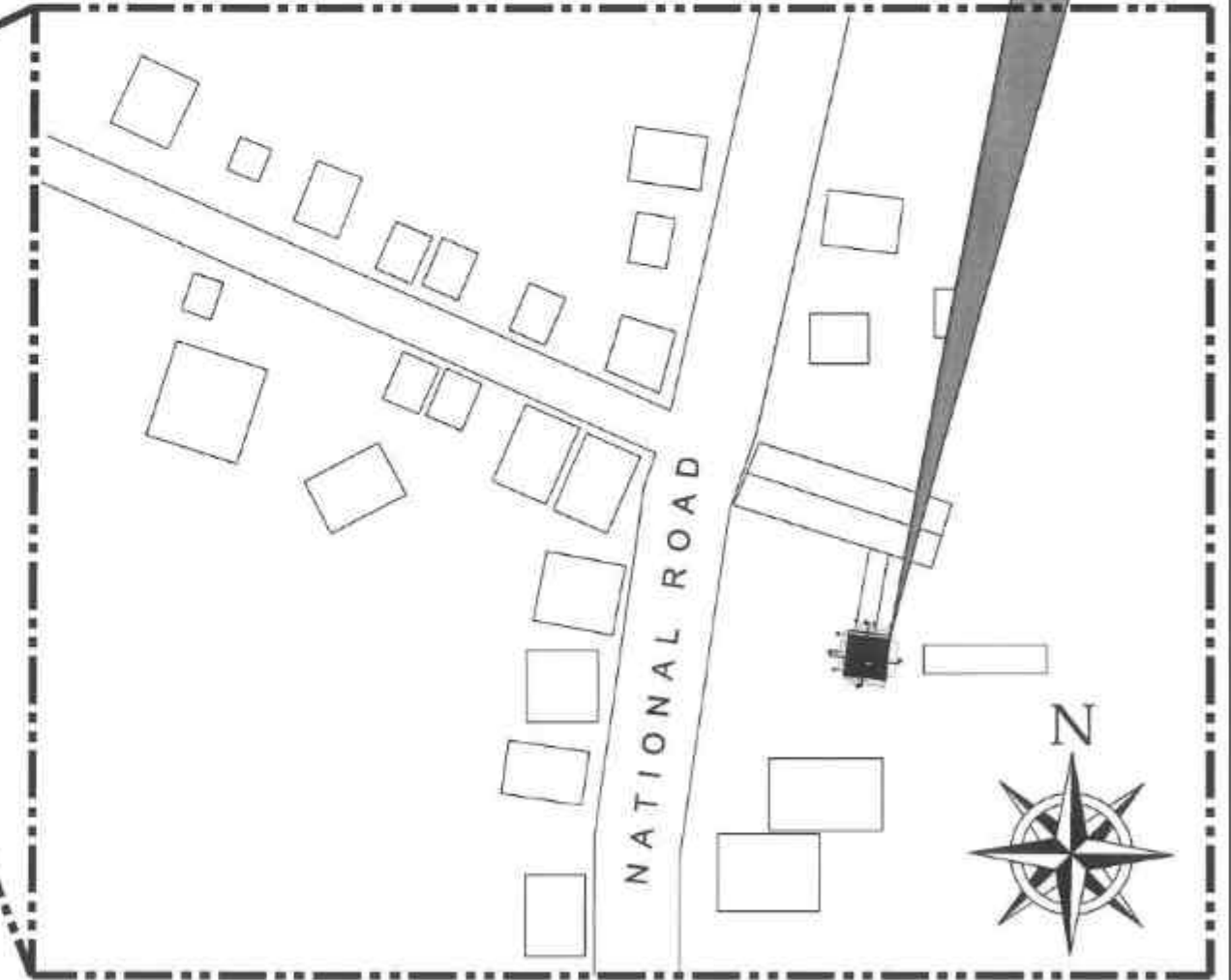
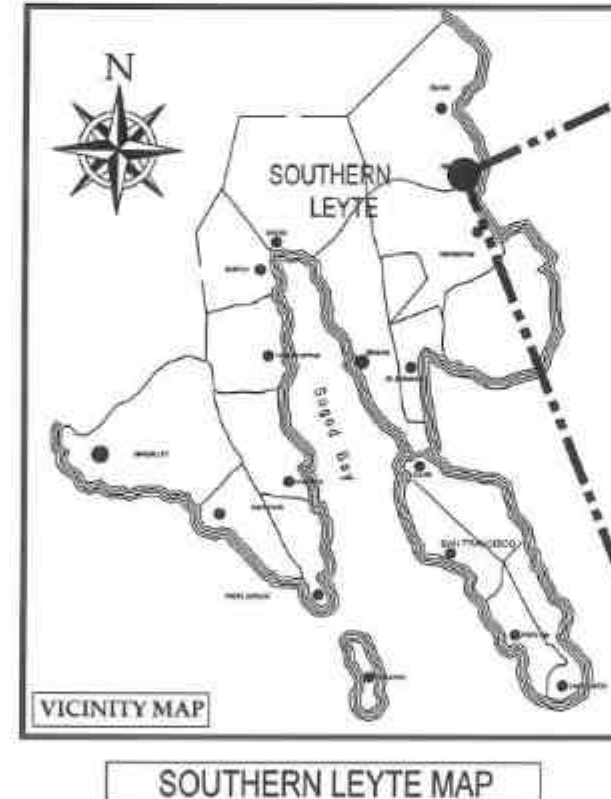
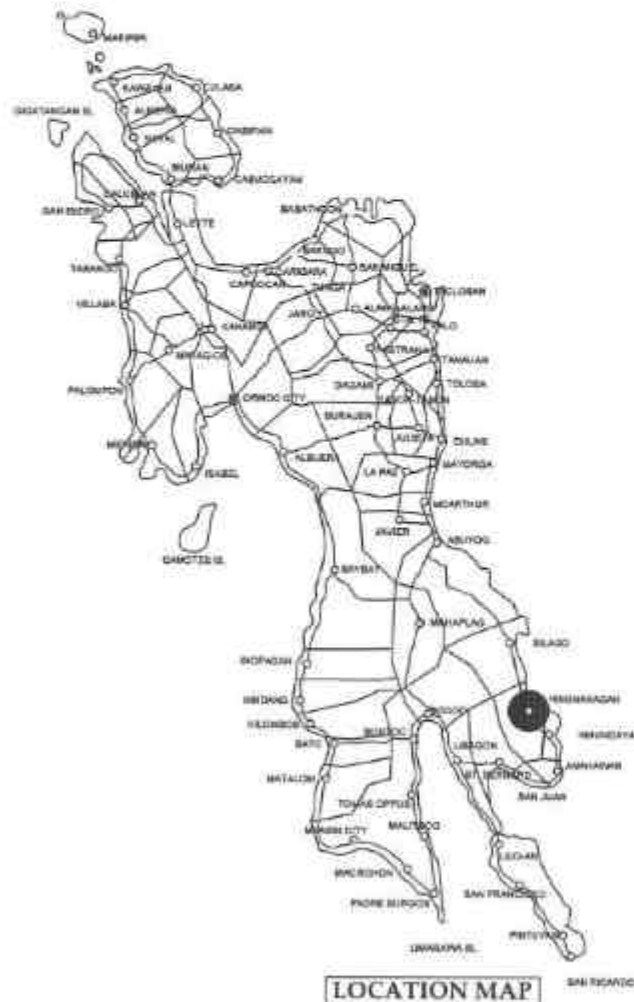
GEODETIC ENGINEER

BUILDING OFFICIAL DATE

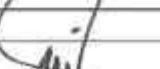
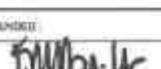
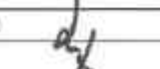


CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC
INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/
FACILITIES TO SUPPORT LOCAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING

BARANGAY PANALARON, HINUNANGAN, SOUTHERN LEYTE
10.391637°N , 125.200486°E



LOCATION MAP

 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 - MULTI-PURPOSE BUILDING - FACILITIES TO SUPPORT LOCAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING BARANGAY PANALARON, HINUNANGAN, SOUTHERN LEYTE	SHEET CONTENTS LOCATION MAP	DRAFTED:  DATE: FEB 12 2025 PREPARED: JUNIOME C. VILLEGAS DATE: FEB 12 2025	REVIEWED:  DATE: FEB 18 2025	SUBMITTED:  DATE: FEB 18 2025	RECOMMENDED:  DATE: FEB 19 2025	APPROVED:  DATE: FEB 19 2025	SHEET NO. 03 SHEET NO. 35
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GENERAL NOTES

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 VIII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE 80900, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.
	ROADSIDE AND SPECIAL CORRESPONDENCE, BASIC INFRASTRUCTURE PROGRAM AND SUPPORTING BUILDINGS PROJECTS TO SUPPORT LOCAL SERVICES. CONSTRUCTION/COMPLETION OF HEALTH PURPOSES BUILDINGS BAGAWAT PANGALAN, NEA-PANGALAN, SOUTHERN LEYTE	GENERAL NOTES	HEAVY B. CHIMERA ARCHITECT DATE: FEB 17 2025 PREPARED: JUNIOME C. VILLANO ENGINEER DATE: FEB 18 2025	JOSUA BALAZAR ENGINEER DATE: FEB 18 2025	RAINER M. SUIT CHIEF PLANNING & DESIGN SECTION DATE: FEB 18 2025	EVELYN D. P. ASSISTANT DISTRICT ENGINEER DATE: FEB 19 2025	EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 19 2025	04 35	

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 Structures and Obstruction	1.00	L.s
803 (1)a	Structure Excavation (Common Soil)	12.00	Cu.m.
804 (1)a	Embankment from Roadway/Structure Excavation (Common Soil)	12.00	Cu.m.
804(2)a	Embankment From borrow (Common Soil)	32.00	Cu.m.
804 (7)	Gravel Fill	4.00	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)	15.00	Cu.m.
902 (1)a1	Reinforcing Steel (Deformed), Grade 40	2,512.00	Kg.
903 (2)	Formworks and Falseworks	97.10	Sq.m
PART E	FINISHING & OTHER CIVIL WORKS - Blue Book Vol. III, Part III, Division II - Buildings		
	Storm Drainage and Sewerage System		
1001 (8)	Sewer Line Works	1.00	L.s
1001 (11)	Septic Vault/Tank (Concrete/CHB)	1.00	L.s
	Plumbing		
1002 (24)	Cold Water Lines	1.00	L.s
1002 (4)	Plumbing Fixtures	1.00	L.s
	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 Glass Window		
1008 (1)a	Aluminum Glass Window (Sliding Type)	3.40	Sq.m
1008 (1)c	Aluminum Glass Window (Awning Type)	0.40	Sq.m
	Wooden Doors and Windows		
1010 (1)	Frames (Jambs, Sills, Head, Transoms and Mullions)	3.00	Sets
1010 (2)a	Doors, Flush	2.00	Sq.m.
1010 (2)b	Doors, Wood Panel	4.00	Sq.m
	Ceramic/Granite Tiles		
1018 (2)	Unglazed Tiles	8.00	Sq.m.
1018 (5)	Glazed Tiles	94.00	Sq.m.
	Cement Plaster Finish		
1027 (1)	Cement Plaster Finish	281.00	Sq.m.
	Painting, Varnishing and Other Related Works		
1032 (1)a	Painting Works (Masonry/Concrete)	370.00	Sq.m.
1032 (1)b	Painting Works Wood	12.00	Sq.m.
	Masonry Works		
1046 (2)a1	CHB Non Load Bearing (including Reinforcing Steel) 100 mm	64.00	Sq.m.
	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.

NATIONAL ROAD

ACCESS ROAD



LOT 41821
PLS-1006

LOT 41994
PLS-1006

LOT 41823, PLS-1006

LOT 41830, PLS-1006

LOT 41826
PLS-1006

LOT 41824
A=285
Sq.m

LOT 41829, PLS-1006

LOT 41825, PLS-1006

TECHNICAL DESCRIPTIONS		
LINES	BEARINGS	DISTANCES
LOT 4657, A=2,527 Sq.m.		
1 2	N 06°16' E	7.51 m.
2 3	N 87°32' E	34.90 m.
3 4	S 04°28' W	63.45 m.
4 5	N 85°07' W	49.23 m.
5 6	N 05°25' W	21.40 m.
6 7	N 88°21' E	18.41 m.
7 8	N 05°56' W	10.06 m.
8 9	N 04°15' W	6.08 m.
9 1	N 15°37' E	12.67 m.

01 SITE DEVELOPMENT PLAN
A-1 SCALE NTS



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:
CONSTRUCTION AND SPECIAL SUPPORT PROGRAM-BASED INFRASTRUCTURE
REPAIRS- MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL TOWNS-
CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING
SOUTHERN LEYTE PROVINCE, SOUTHERN LEYTE

SHEET CONTENTS:
SITE DEVELOPMENT PLAN

DRAFTED:
KEATY A. ORDEGA
ARCHITECT
DATE: FEB 12 2025
PREPARED:
JULIETTE C. VILLAS
ENGINEER II
DATE: FEB 12 2025

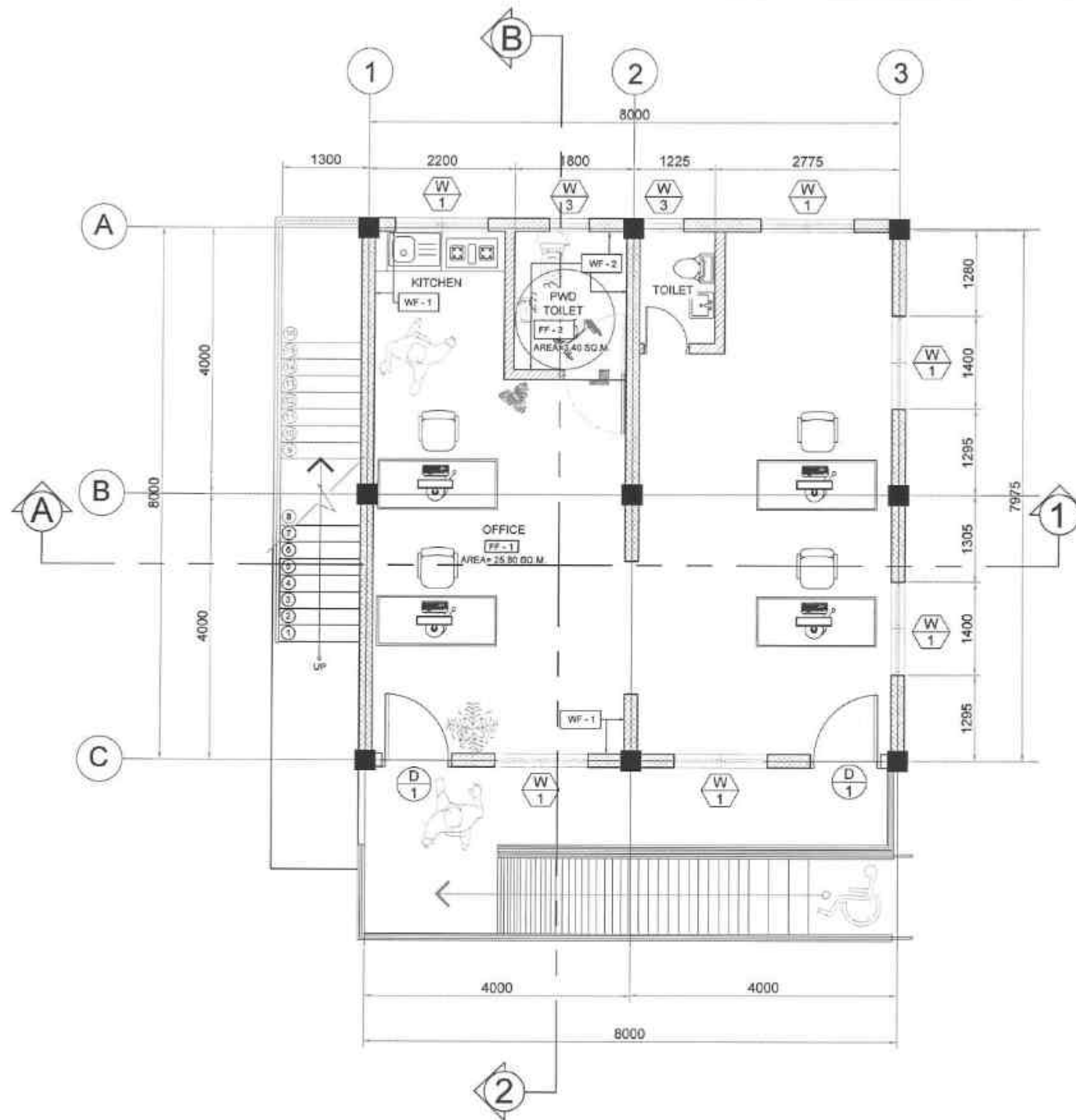
REVIEWED:
JOSE A. SANTOS
ENGINEER II
DATE: FEB 18 2025

SUBMITTED:
RAINIER LOPEZ
CHIEF, PLANNING & DESIGN SECTION
DATE: FEB 18 2025

RECOMMENDED:
EVELYN D. TARI
ASSISTANT DISTRICT ENGINEER
DATE: FEB 19 2025

APPROVED:
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE: FEB 19 2025

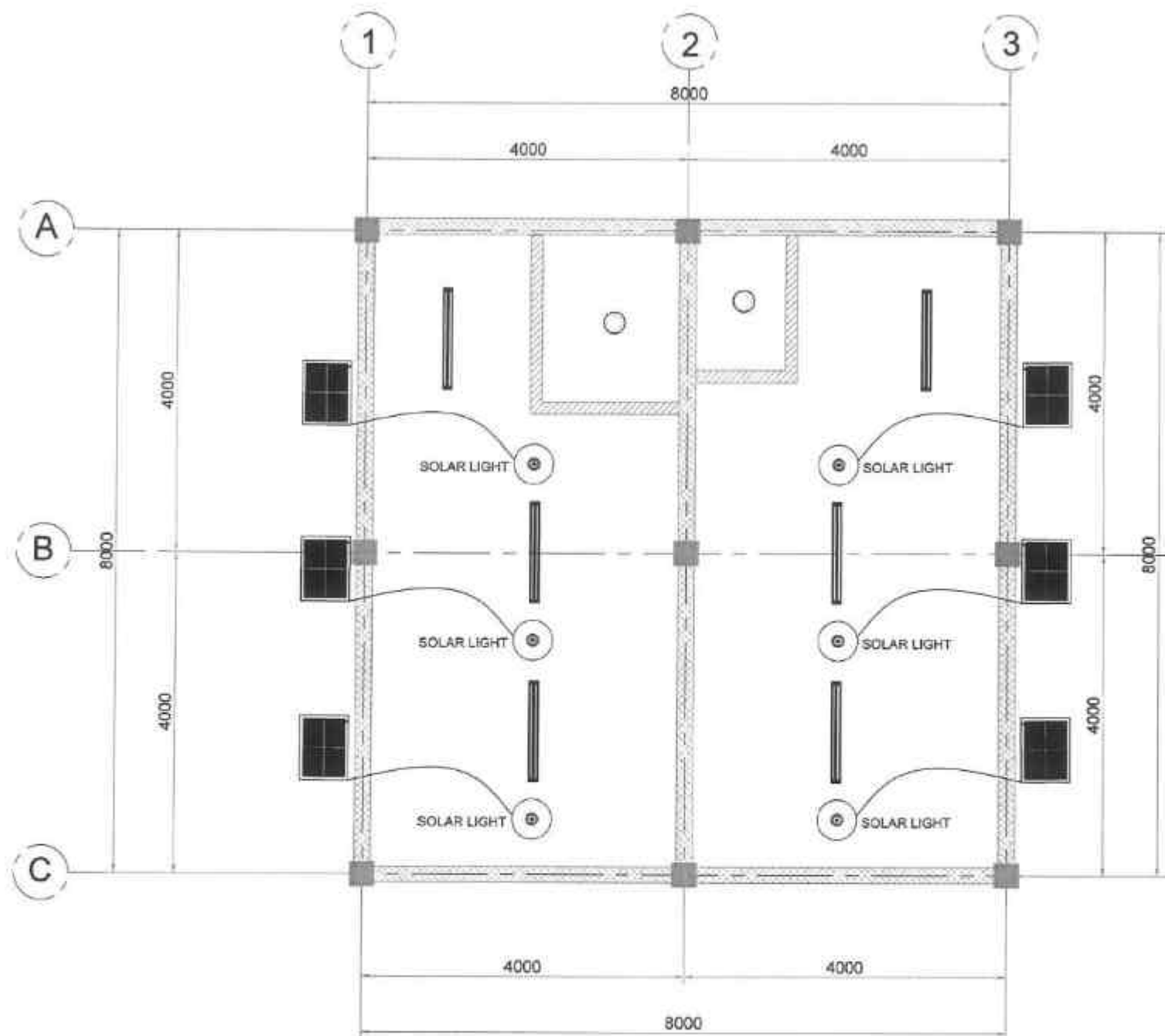
SET NO. A
SHEET NO. 66
35



01 GROUND FLOOR PLAN
A-2 SCALE 1/30 MTS.

FINISHES LEGEND :	
WALL FINISH:	
	100mm THK. CHB WALL FINISH
	150mm THK. CHB WALL FINISH
	PLASTERED CHB WALL W/ SEMI-GLOSS LATEX PAINT FINISH (VERIFY COLOR)
	300x300mm CERAMIC TILE FINISH / GLAZED (VERIFY COLOR)
FLOOR FINISH:	
	600x600mm CERAMIC TILES (GLAZED)
	300x300mm CERAMIC TILES (UNGLAZED)
	CEMENT FLOOR FINISH

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 80000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERSION AND SPECIAL SERVICES PROGRAM - BASIC INFRASTRUCTURE PROGRAM (MULTIPURPOSE BUILDING) - FACILITIES TO SUPPORT LOCAL SERVICES - DISTRIBUTION (COMPLETION) OF MULTIPURPOSE BUILDING - SANITARY SANITATION - WIDENING, SOUTHERN LEYTE	SHEET CONTENTS GROUND FLOOR PLAN	DRAWN: HEAVY B. ALBERA	REVIEWED: JOSE P. SALTADO	SUBMITTED: RAINER L. RUIZ	RECOMMENDED: EVERALDO M. RUIZ	APPROVED: EDUARDO V. SANTOS	SET NO. 2	SHEET NO. 07
			DATE: FEB 12 2025	DATE: FEB 18 2025	DATE: FEB 18 2025	DATE: FEB 19 2025	DATE: FEB 19 2025	2	07
			PREPARED: JUMORNE C. VILLERO	ENGINEER II	CHIEF, PLANNING & DESIGN SECTION	ASSISTANT DISTRICT ENGINEER	DISTRICT ENGINEER	10	35
			DATE: FEB 12 2025	DATE: FEB 18 2025	DATE: FEB 18 2025	DATE: FEB 19 2025	DATE: FEB 19 2025	10	35
			DATE: FEB 12 2025	DATE: FEB 18 2025	DATE: FEB 18 2025	DATE: FEB 19 2025	DATE: FEB 19 2025	10	35



01
A-4
GROUND FLOOR
REFLECTED CEILING PLAN
SCALE 1:50 MTS.

SCHEDULE OF FINISHES	
C-1	4.5mm THK FIBER CEMENT BOARD SUSPENDED ON METAL FRAME PAINTED FINISH



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80003 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONDOMINIUM AND SPECIAL SUPPORT YARD - BUILT INFRASTRUCTURE
PROGRAM - MULTIPURPOSE BUILDING TO SUPPORT LOCAL SERVICES
CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING
BARANGAY DANAG, SOUTH SOUTHERN LEYTE

SHEET CONTENTS
GROUND FLOOR REFLECTED CEILING PLAN

DRAWN BY: JUAN ROMEO C. VILLOJO
DATE: FEB 12 2025
PREPARED BY: JUAN ROMEO C. VILLOJO
DATE: FEB 12 2025

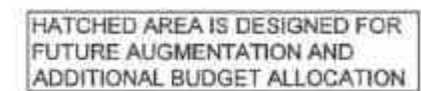
REVIEWED BY: JOSE A. BALTAZAR
DATE: FEB 18 2025
CHECKED BY: JOSE A. BALTAZAR
DATE: FEB 18 2025

SUBMITTED BY: RAINIER S. BUIZ
DATE: FEB 18 2025
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DATE: FEB 18 2025

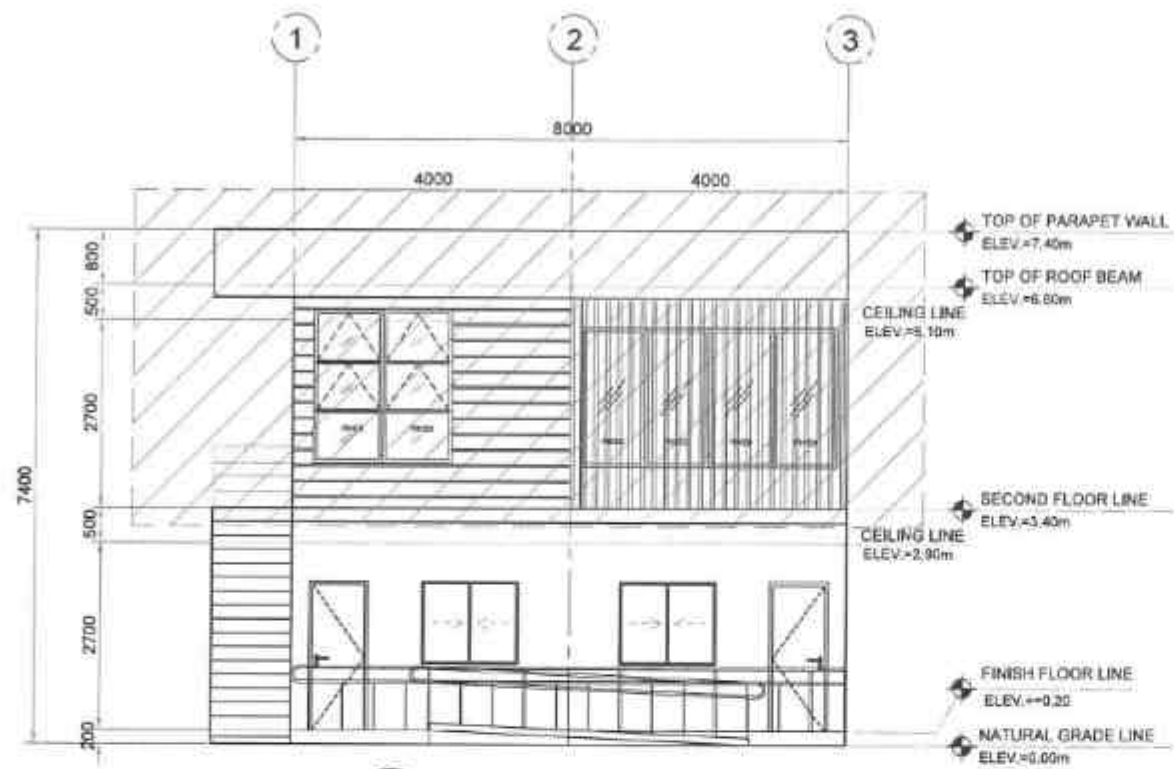
RECOMMENDED BY: EVELYN S. BUIZ
DATE: FEB 19 2025
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APPROVED BY: EDUARDO V. SANTOS
DATE: FEB 19 2025
CHECKED BY: EDUARDO V. SANTOS
DATE: FEB 19 2025

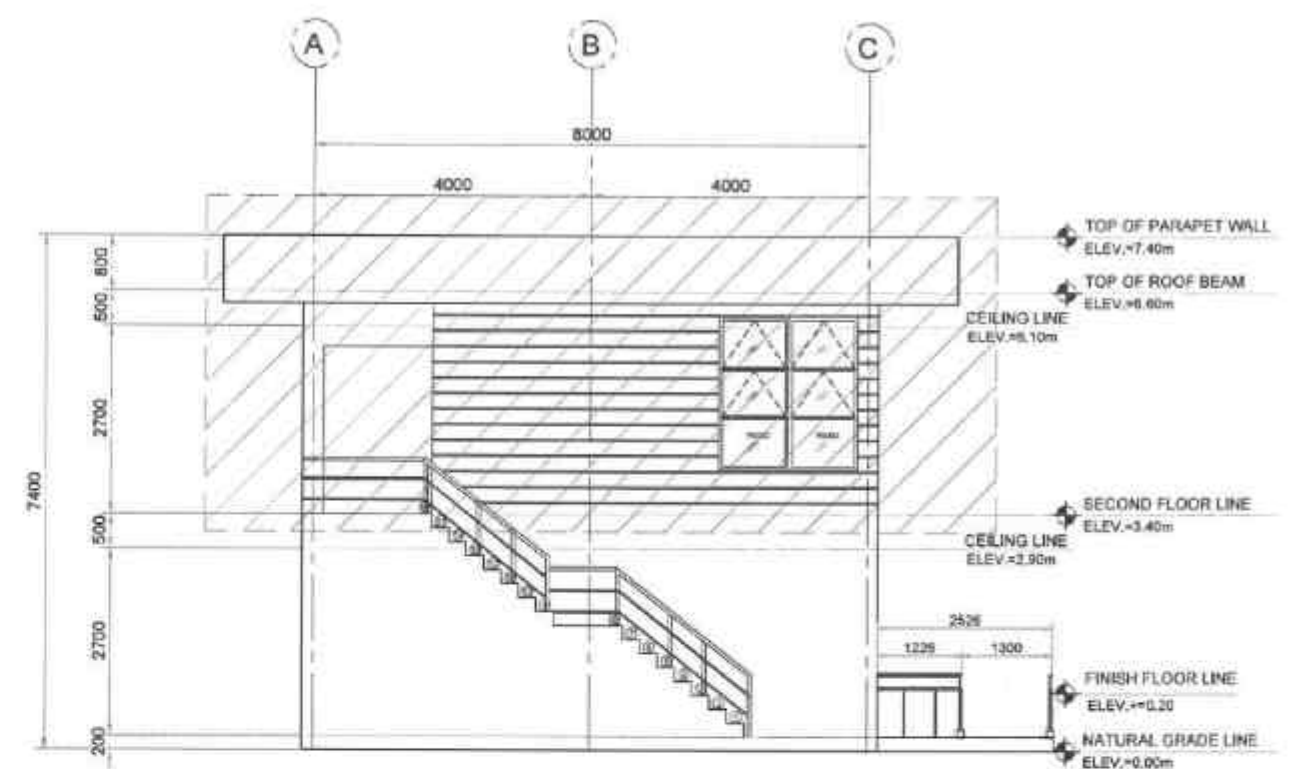
SET NO.: 4
SHEET NO.: 35



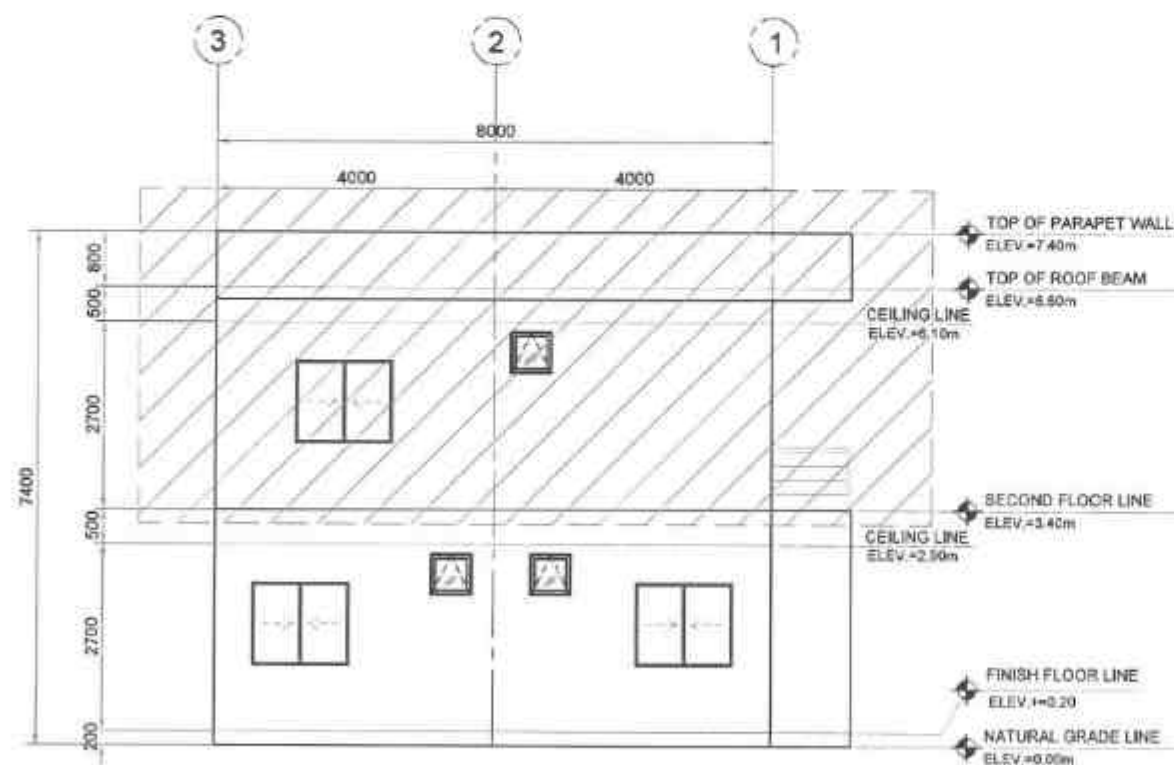
SCHEDULE OF FINISHES	
C-1	4.5mm THK FIBER CEMENT BOARD SUSPENDED ON METAL FRAME PAINTED FINISH



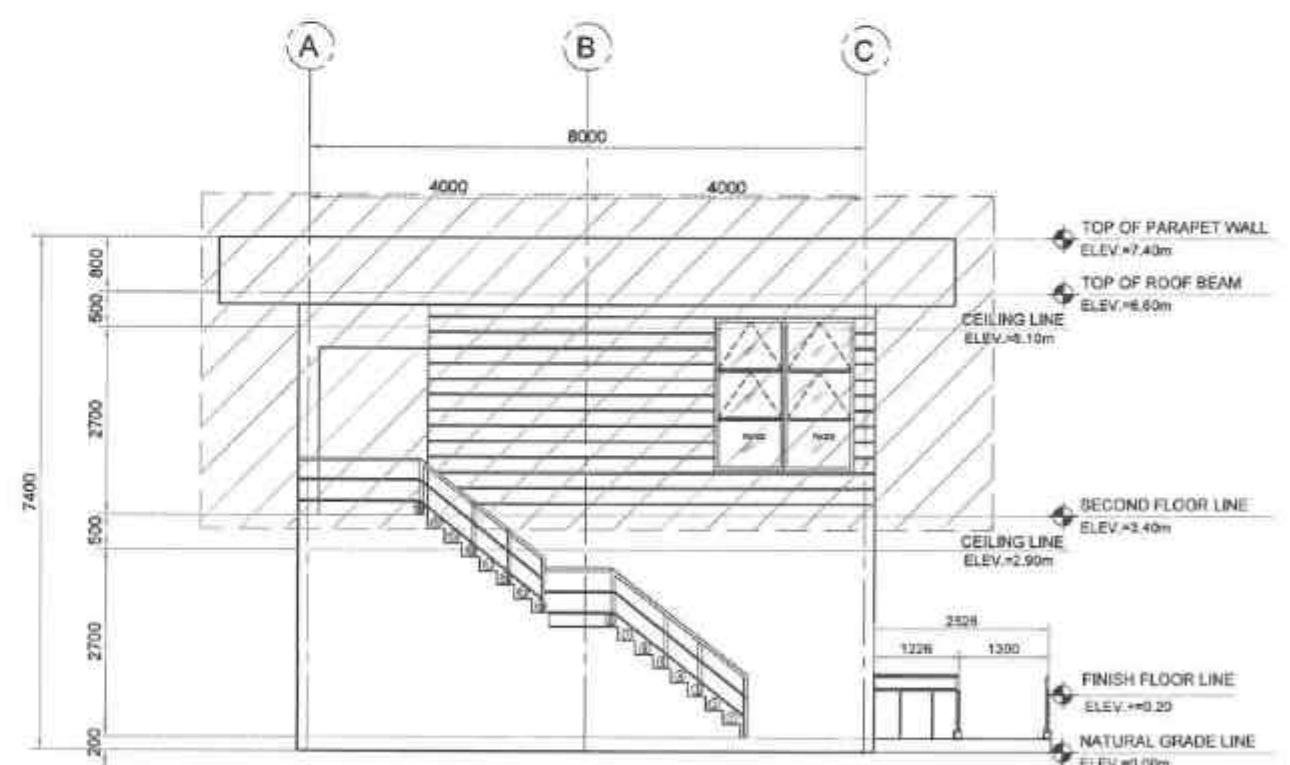
01 FRONT ELEVATION
A-6 SCALE 1:75 MTS.



02 LEFT SIDE ELEVATION
A-6 SCALE 1:75 MTS.



03 REAR ELEVATION
A-6 SCALE 1:75 MTS.



04 RIGHT SIDE ELEVATION
A-6 SCALE 1:75 MTS.

HATCHED AREA IS DESIGNED FOR FUTURE AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
8000B, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:
CONFERENCE AND SPECIAL SUPPORT PASSAGE - BASIC INFRASTRUCTURE
PROGRAM: MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT LEGAL SERVICES -
SUB-PROJECT: COMPLETION OF MULTI-PURPOSE BUILDING
SUB-PROJECT: ANALYSIS (REMARKS) SOUTH DISTRICT

SHEET CONTENTS:
FRONT ELEVATION
LEFT SIDE ELEVATION
REAR ELEVATION
RIGHT SIDE ELEVATION

DRAWN BY:
DATE:
PREPARED BY:
DATE:
CHECKED BY:
DATE:

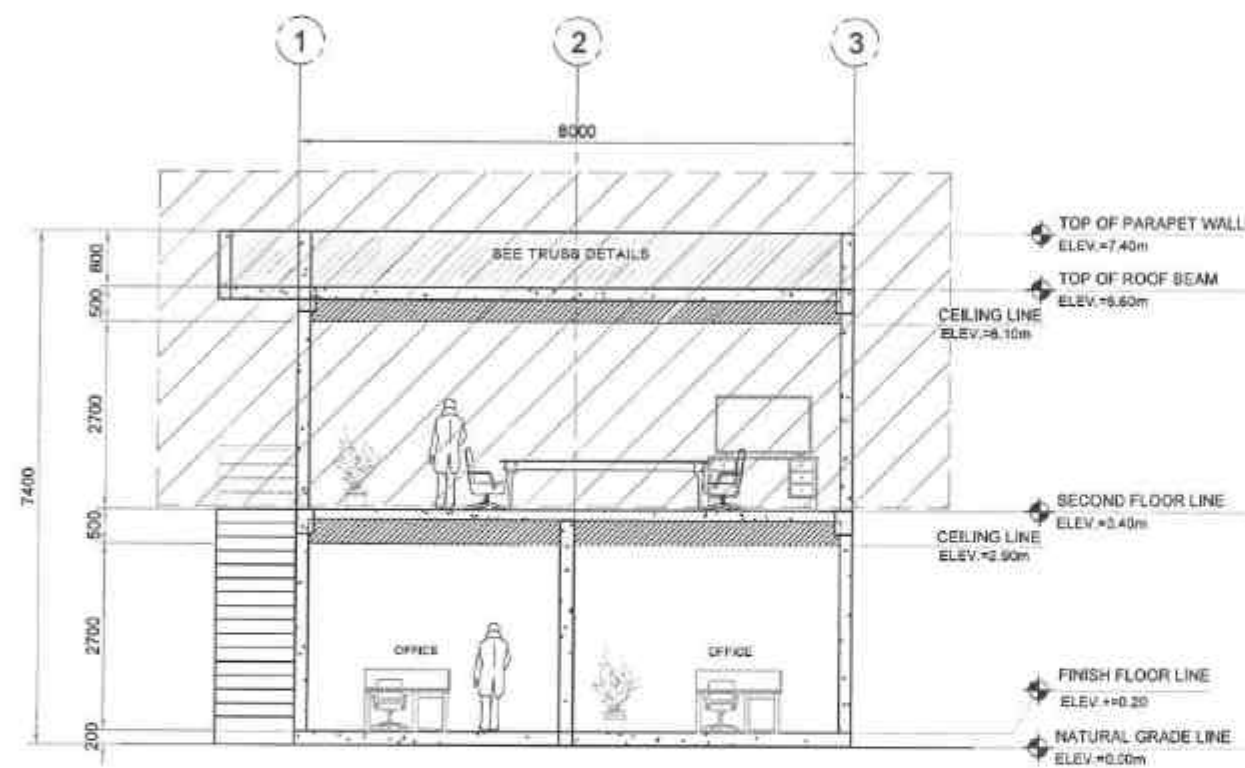
DESIGNED BY:
DATE:
APPROVED BY:
DATE:

SUBMITTED BY:
DATE:
RECOMMENDED BY:
DATE:

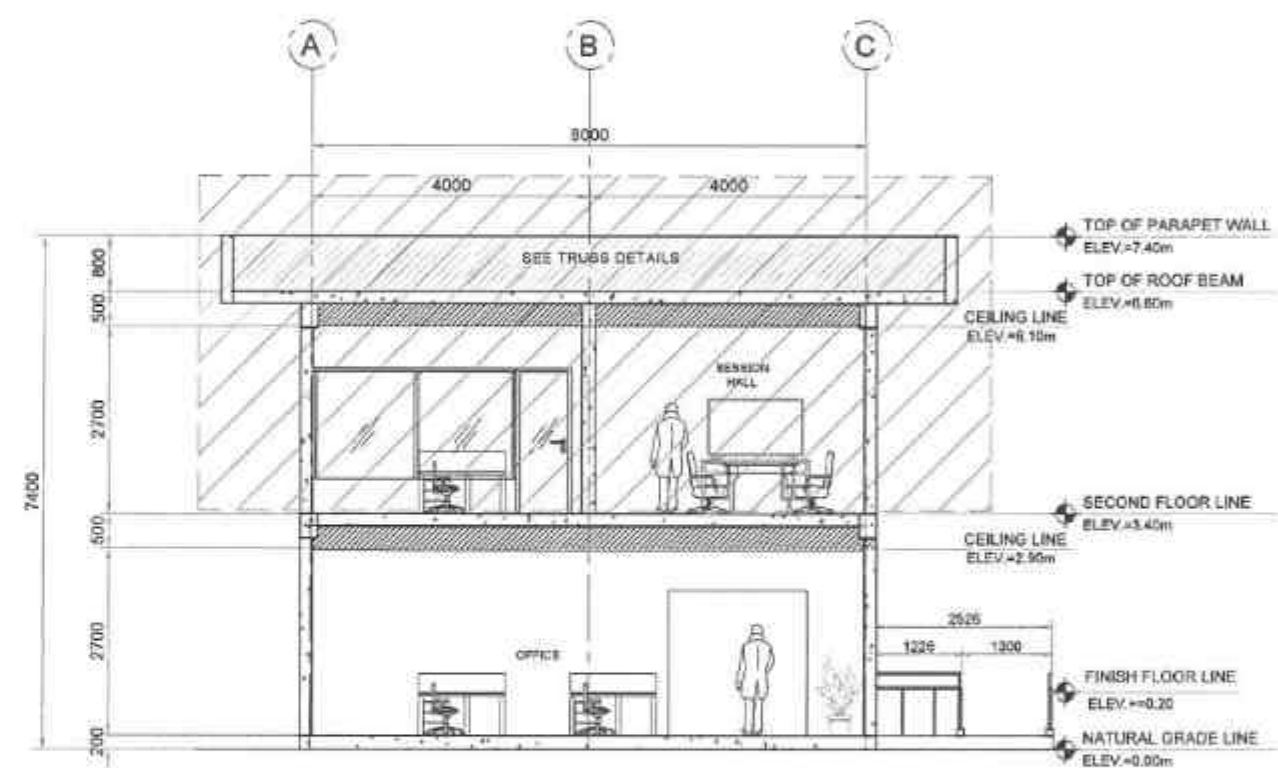
APPROVED BY:
DATE:

APPROVED BY:
DATE:

DET NO.:
SHEET NO.:



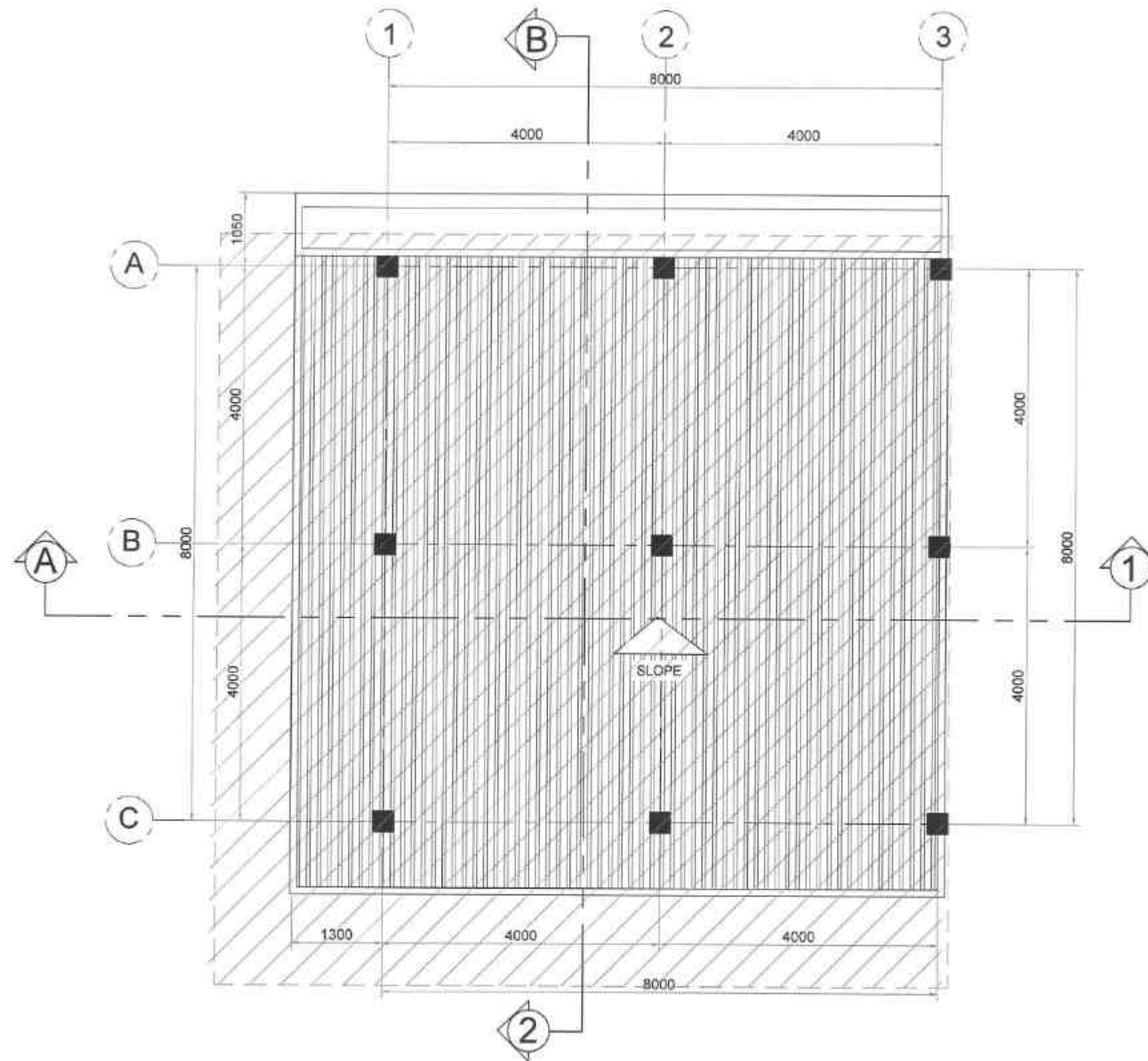
01 CROSS SECTION
A-7 SCALE 1:75 MTL.



02 LONGITUDINAL SECTION
A-7 SCALE 1:75 MTL.

HATCHED AREA IS DESIGNED FOR FUTURE AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 3005D, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERSION AND SPECIAL SUPPORT PROGRAM-BASE INFRASTRUCTURE PROGRAM - MULTI-PURPOSE RURAL FACILITIES TO SUPPORT LOCAL SERVICES CONSTRUCTION COMPLETION OF 500 TONNAGE BUILDING BANGALIPAN, BANGALIPAN, BANGALIPAN, SOUTHERN LEYTE	SHEET CONTAINS: CROSS SECTION LONGITUDINAL SECTION	DRAFTED: KEVIN B. GONZALES ENGINEER II DATE: FEB 12 2025	REVIEWED: JOSE A. BALAGUERA ENGINEER II DATE: FEB 18 2025	SUBMITTED: RAINIER L. RUIZ CHIEF, PLANNING & DESIGN SECTION DATE: FEB 18 2025	RECOMMENDED: EVAN D. NIA ASSISTANT DISTRICT ENGINEER DATE: FEB 19 2025	APPROVED: EDUARDO V. SANTOS DISTRICT ENGINEER DATE: FEB 19 2025	SET NO. A 7 10 SHEET NO. 12 35
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01 ROOF PLAN
A-7 SCALE 1:50 MTL.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
20000, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:
EDUCATION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM - BUILDING AND FACILITIES TO SUPPORT LOCAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING
SARANGANI PARALAN, DISTRICT OF SOUTHERN LEYTE

SHEET CONTENTS:
ROOF PLAN

DRAFTED:
HEAVY/CLONIA
ARCHITECT
DATE: FEB 12 2025
CHECKED:
JANETTE C. VILLERO
ENGINEER
DATE: FEB 12 2025

REDESIGNED:
JOSUA BALTAR
ENGINEER
DATE: FEB 18 2025

SUBMITTED:
RAINIERA B. SUNG
CHIEF PLANNING & DESIGN SECTION
DATE: FEB 18 2025

RECOMMENDED:
EVELYN D. TAP
ASSISTANT DISTRICT ENGINEER
DATE: FEB 19 2025

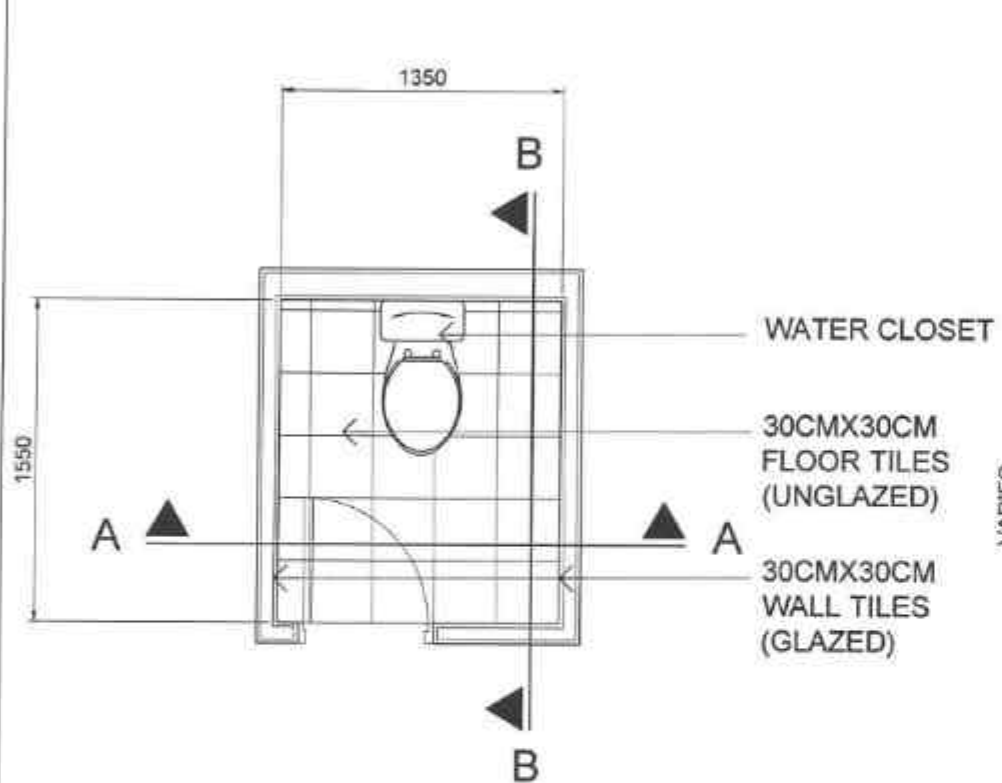
APPROVED:
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE: FEB 19 2025

SET NO.	SHEET NO.
A	13
8	35

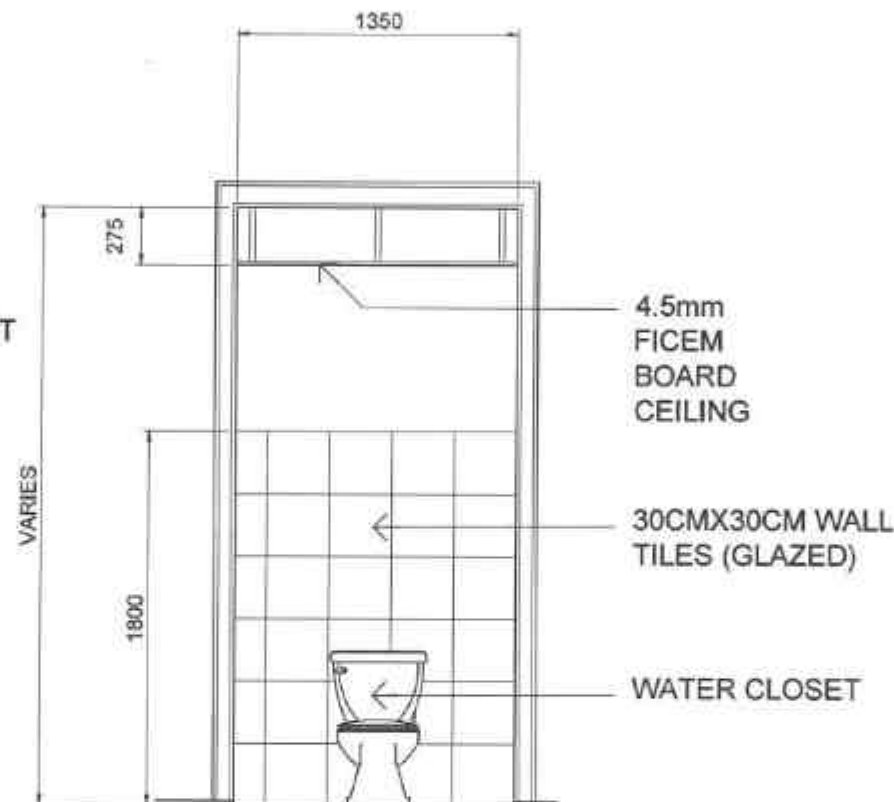
PLAN					
ELEVATION					
FIN. FLOOR LINE SCHEDULE					
DESCRIPTION	SWING GLASS DOOR	WOODEN PANEL DOOR	PANEL DOOR	PWD DOOR KICK PLATE WITH LEVEL TYPEDOOR KNOB	SWING GLASS DOOR
NO. OF SETS	1 SET	1 SETS	1 SET	1 SET	1 SET
LOCATION	MAIN ENTRANCE	GROUND FLOOR: SERVICE ACCESS	SECOND FLOOR: TOILET	GROUND FLOOR: PWD TOILET	BARANGAY CAPTAIN OFFICE
PLAN					
ELEVATION					
FIN. FLOOR LINE SCHEDULE					
DESCRIPTION	6MM THK SLIDING WINDOW GLASS	6MM THK AWNING WINDOW GLASS	6MM THK AWNING WINDOW GLASS	6MM THK FIXED WINDOW GLASS	
NO. OF SETS	3 SET	4 SETS	1 SET	1 SET	
LOCATION	SECOND FLOOR: BARANGAY CAPTAIN OFFICE	GROUND FLOOR: SESSION HALL	GROUND FLOOR: PWD TOILET	FRONT ELEVATION	

01 SCHEDULE OF DOORS AND WINDOWS
A-9 SCALE 1:75 MTD.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE BOGOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION:	SHEET CONTENTS:	DRAFTED:	REVIEWED:	SUBMITTED:	RECOMMENDED:	APPROVED:	SET NO.:	SHEET NO.:	
	EXPERIENCE AND SPECIAL SUPPORT PROGRAM - BACD INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING PROGRAMS TO SUPPORT LOCAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING (BAGONG BAKARAN, BAKARAN, SOUTHERN LEYTE)	SCHEDULE OF DOORS AND WINDOWS	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:		
			PREPARED:	DATE:	DATE:	DATE:	DATE:	DATE:		
			DATE:	DATE:	DATE:	DATE:	DATE:			
			DATE:	DATE:	DATE:	DATE:	DATE:			



PLAN

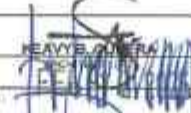
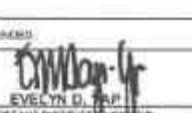
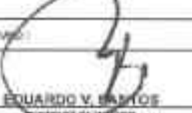


DETAIL A



DETAIL B

01 TOILET DETAIL
A-9 SCALE 1:25 MTS.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE SOCCO, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONSTRUCTION AND SPECIAL SUPPLY PROGRAM - BASE INFRASTRUCTURE PROGRAM - MULTIPURPOSE AND OTHER PROJECTS TO SUPPORT LOCAL ROADS CONSTRUCTION (COMPLETION AT MALAYBUTLE BARANGAY BARANGAY TOWN, KASIGAUAN, SOUTHERN LEYTE)	SHEET CONTENTS: TOILET DETAIL	DRAFTED:  DATE: FEB 12 2025 PREPARED:  DATE: FEB 12 2025	REVIEWED:  DATE: FEB 18 2025 ENGINEER II	SUBMITTED:  DATE: FEB 18 2025 CHIEF, PLANNING & DESIGN SECTION	RECOMMENDED:  DATE: FEB 18 2025 ASSISTANT DISTRICT ENGINEER	APPROVED:  DATE: FEB 19 2025 DISTRICT ENGINEER	SET NO: A	SHEET NO: 15 35
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GENERAL CONSTRUCTION NOTES

GENERAL NOTES

- IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSION SHALL GOVERN AND DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
- IN THE REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALL AND SLABS, INTERIOR PARTITIONS, LOCATION OF DRAINS ETC.
- IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS, AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.
- ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE AD-308 BE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ALL STRUCTURAL STEEL WORK ACCORDING WITH AISC SPECIFICATION (3TH EDITION) IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT.
- NO REFERENCE TO AMERICAN CONCRETE INSTITUTE, AISC TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING OF MATERIALS.
- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
- CONTRACTOR SHALL NOT AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STICKS, EQUIPMENTS AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
- ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE STRUCTURAL DESIGNER.

NOTES AND CONCRETE MIXES & PLACING

- ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY (20) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWING:

LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGG.	SLUMP
ALL OTHERS, INCLUDING SUSPENDED SLABS	3000 PSI (20.7 MPa)	20mm	100mm
COLUMNS	3000 PSI (20.7 MPa)	20mm	100mm
BEAMS, SLABS	3000 PSI (20.7 MPa)	20mm	100mm
SLAB ON FILL	2540 PSI (17.3 MPa)	20mm	100mm
- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

LOCATION	COVER (mm)
SUSPENDED SLAB	20mm
SLAB ON GRADE	40mm
BEAM STRIPS AND COLUMN TIES WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	50mm
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	75mm
- CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION. RE-HANDLING OR PLACING SHALL BE DONE PREFERABLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED 30 (3) METERS IN AGGREGATE LENGTH.
- NO REMOVING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING BY THE DESIGNER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATORS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.
- ALL ANCHOR BOLTS, DONUTS, AND OTHER INSERTS SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
- ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUND OR OTHER APPROVED METHODS.
- STRIPPING OF FORMS & SHORES:

FOUNDATION	24 HRS.
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
WALLS	21 DAYS
BEAMS	14 DAYS
COLUMNS	21 DAYS
- THE CONTRACTOR SHALL SUBMIT THE SCHEDULE OF POURING AND THE LOCATION OF THE CONSTRUCTION JOINTS TO THE STRUCTURAL ENGINEER AT LEAST (4) DAYS PRIOR TO THE POURING FOR APPROVAL.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE FORMS AND SHORINGS UNTIL THE CONCRETE MEMBERS HAVE ATTAINED THEIR WORKING CONDITION AND STRENGTH.

NOTES OF REINFORCEMENT

- UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

REINFORCING BARS	YIELD STRENGTH (MPa)	YIELD STRENGTH (PSI)
A. FOOTINGS, FOOTING BEAMS AND GIRDERS	$f_y = 275 \text{ MPa}$	40,000
B. COLUMNS AND SHEAR WALLS	$f_y = 275 \text{ MPa}$	40,000
C. BEAMS AND GIRDERS	$f_y = 275 \text{ MPa}$	40,000
D. NON-LOAD BEARING WALL PARTITIONS, BEDDED SLABS, FLOOR & ROOF SLABS, PARAPETS, CATCH BASIN, SIDE WALK	$f_y = 275 \text{ MPa}$	40,000
- ALL REINFORCING BAR SIZE 10mm OR LARGER SHALL BE FORMED IN ACCORDANCE WITH ASTM A 706. BARS SMALLER THAN 10mm MAY BE PLAIN.
- SPICES SHALL BE SECURELY WELDED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ TABLE A & TABLE B (TABLE OF LAP SPICE & ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER IS POSSIBLE.

NOTES OF REINFORCEMENT

- UNLESS OTHERWISE NOTED IN PLANS, CAMBER ALL BEAMS AND GIRDERS AT LEAST 8mm FOR EVERY 4.5m OF SPAN. EXCEPT CONTROLS FOR WHICH THE CAMBER SHALL BE AS NOTED IN PLANS OR AS ORDERED BY THE ENGINEER BUT IN NO CASE LESS THAN 20mm FOR EVERY 3.0m OF FREE SPAN.
- TYPICAL BARS BENDING AND CUTTING DETAILS FOR BEAMS BE AS SHOWN IN FIG. B-1.
- IF THE BEAM REINFORCING BARS TWO IN A WALL, THE CLEAR DISTANCE FROM THE BAR TO THE FARTHER FACE OF THE WALL NOT BE LESS THAN 10mm. EMBEDMENT LENGTH SHALL BE AS SHOWN IN A TABLE 'A' FOR TENSION BARS AND TABLE 'B' FOR COMPRESSION BARS UNLESS SPECIFIED IN PLANS. TOP BAR SHALL NOT BE SPICED WITHIN THE COLUMN OR WITHIN A DISTANCE TWICE THE MEMBER DEPTH FROM THE FACE OF THE COLUMN. AT LEAST TWO STRIPS SHALL BE PROVIDED AT ALL SPICES.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, USE 20mm BAR SEPARATORS SPACED AT 1.0m ON CENTER. IN NO CASE SHALL THERE BE LESS THAN TWO (2) SEPARATORS BETWEEN TWO LAYERS OF BARS.
- MINIMUM CONCRETE PROTECTION FOR REINFORCING BARS OR STEEL SHAPES SHALL BE AS:

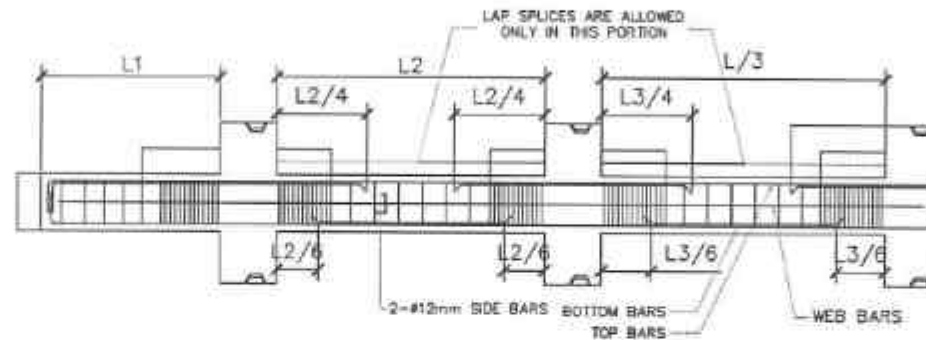


FIG. B-1

TABLE 'A' TENSION BARS EMBEDMENT LENGTHS AND LAPPED SPICES IN MILLIMETERS		
BAR SIZE (DEFORMED)	$f_c = 20.7 \text{ MPa} (3000 \text{ psi})$	LAP/PLD
10mm #	300	300
12mm #	300	300
16mm #	300	400
20mm #	400	550
25mm #	600	800
28mm #	750	1000
32mm #	950	1300

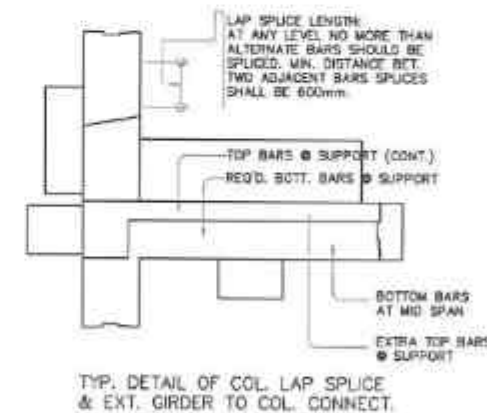
NOTE: TOP PLAIN BARS, MULTIPLY VALUE BY 2

TABLE 'B' TENSION BARS EMBEDMENT LENGTHS AND LAPPED SPICES IN MILLIMETERS		
BAR SIZE (DEFORMED)	$f_c = 20.7 \text{ MPa} (3000 \text{ psi})$	LAP/PLD
10mm #	300	300
12mm #	300	300
16mm #	300	400
20mm #	400	550
25mm #	600	800
28mm #	750	1000
32mm #	950	1300

NOTE: TOP PLAIN BARS, MULTIPLY VALUE BY 2
VALUES GIVEN ABOVE CAN ALSO BE USED FOR COLUMNS.

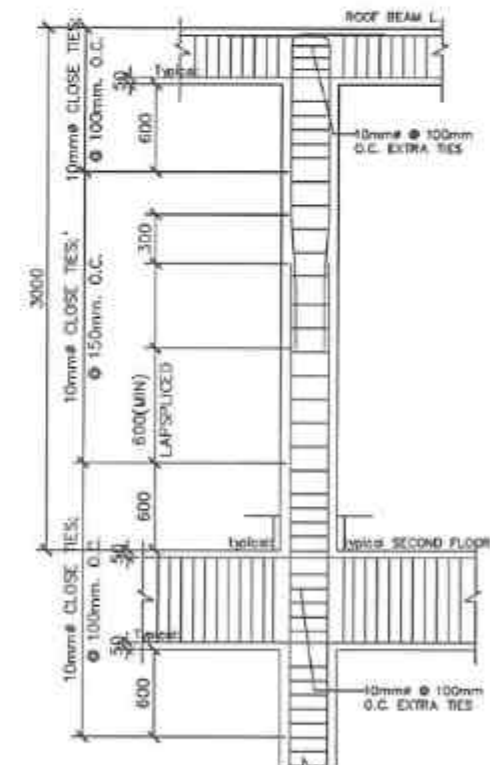
NOTES OF FOOTINGS

- FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 80 kPa (2000 psf). CONTRACTOR SHALL REPORT TO THE ENGINEER, IN WRITING, THE ACTUAL BEARING CAPACITY OF SOIL BEFORE DEPOSITING CONCRETE.
- FOOTING SHALL REST AT LEAST 150mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL.
- MINIMUM CONCRETE PROTECTION FOR REINFORCEMENTS SHALL BE 25mm CLEAR FOR CONCRETE DEPOSITED THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK.



NOTES OF COLUMNS

- PROVIDE EXTRA SETS OF TIES AT 100mm O.C. FOR TIED COLUMN REINFORCEMENT ABOVE AND BELOW BEAM-COLUMN CONNECTIONS FOR A DISTANCE FROM FACE OF CONNECTION EQUAL TO THE GREATER OF THE OVERALL THICKNESS OF COLUMN, 1/8 THE CLEAR HEIGHT OF COLUMN OR 400mm.
- COLUMN TIES SHALL BE PROTECTED EVERYWHERE BY A COVERING OF CONCRETE CAST MONOLITHICALLY WITH THE CORE WITH THE MINIMUM THICKNESS OF 40mm AND NOT LESS THAN 40 TIMES THE MAXIMUM SIZE OF COARSE AGGREGATE IN MILLIMETERS.
- WHERE COLUMN CHANGE IN SIZE, VERTICAL REINFORCEMENTS SHALL BE OFFSET AT A SLOPE OF NOT MORE THAN 1 IN 6 AND EXTRA 100mm TIES AT 100mm SHALL BE PROVIDED THRU OUT THE OFFSET REGION.
- UNLESS OTHERWISE INDICATED IN THE PLANS, LAP SPICES FOR VERTICAL COLUMN REINFORCEMENT SHALL BE MADE WITHIN THE CENTER HALF OF COLUMN HEIGHT, AND THE SPICE LENGTH SHALL NOT BE LESS THAN 40 BAR DIAMETERS. WELDS ON APPROVED MECHANICAL DEVICES MAY BE USED PROVIDED THAT NOT MORE THAN ALTERNATE BARS ARE WELDED OR MECHANICALLY SPICED AT ANY LEVEL, AND THE VERTICAL DISTANCES BETWEEN THESE WELDS OR SPICES OF ADJACENT BARS IS NOT LESS THAN 600mm.
- PROVIDE EXTRA SETS OF TIES @ 100mm O.C. FOR BEAM-COLUMN CONNECTION (SEISMIC BARS).



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
30000 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONFERENCE AND SPECIAL SUPPORT PROGRAM: BANG BANG INFRASTRUCTURE
PROGRAM - BANG BANG INFRASTRUCTURE PROJECTS TO SUPPORT LOCAL SERVICES
CONSTRUCTION OF BANG BANG INFRASTRUCTURE PROJECTS TO SUPPORT LOCAL SERVICES
BANG BANG INFRASTRUCTURE PROJECTS TO SUPPORT LOCAL SERVICES

CONSTRUCTION NOTES

DRAFTED
ALFONSO A. MANGU
DATE
FEB 18 2025
PREPARED
JUANITO C. VILLAR
DATE
FEB 18 2025

REVIEWED
JOSE A. BALTAZAR
DATE
FEB 18 2025
CHECKED
JUANITO C. VILLAR
DATE
FEB 18 2025

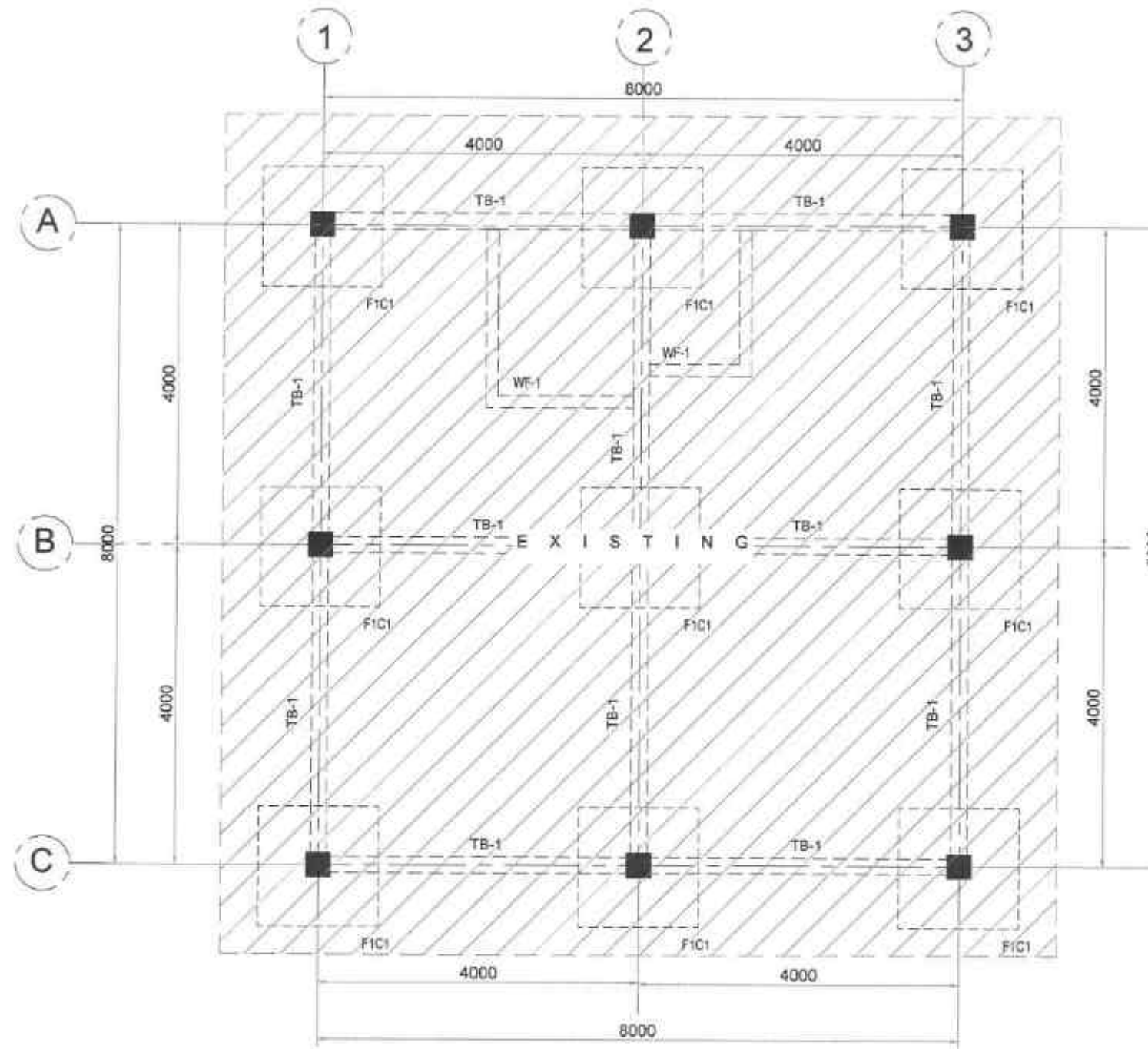
SUBMITTED
JUANITO C. VILLAR
DATE
FEB 18 2025
CHECKED
JUANITO C. VILLAR
DATE
FEB 18 2025

RECOMMENDED
JUANITO C. VILLAR
DATE
FEB 19 2025
CHECKED
JUANITO C. VILLAR
DATE
FEB 19 2025

APPROVED
EDUARDO V. SANTOS
DATE
FEB 19 2025
CHECKED
JUANITO C. VILLAR
DATE
FEB 19 2025

SHEET NO.
8

SHEET NO.
17



01 FOUNDATION PLAN
S-2 SCALE 1:50 MTS.

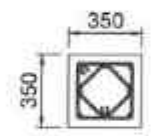
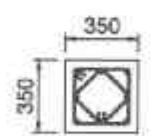
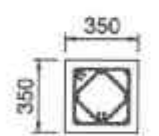
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000D, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL GOVERNMENT - CONSTRUCTION (COMPLETION OF MULTIPURPOSE BUILDING) (SUBJECT TO VARIATION) (PROPOSING SOUTHERN LEYTE)	SHEET CONTENTS FOUNDATION PLAN	DESIGNED BY ALEXANDRO S. ESTERONIA ENGINEER II DATE FEB 12 2025	REVIEWED BY JOSE B. BALISAMAN ENGINEER II DATE FEB 18 2025	SUBMITTED BY HARMER LOPEZ ROSE DESK, PLANNING & DESIGN SECTION DATE FEB 18 2025	RECOMMENDED BY EVELYN D. TAP ASSISTANT DISTRICT ENGINEER DATE FEB 19 2025	APPROVED BY EDUARDO V. SANTOS DISTRICT ENGINEER DATE FEB 19 2025	SET NO. 3	SHEET NO. 15
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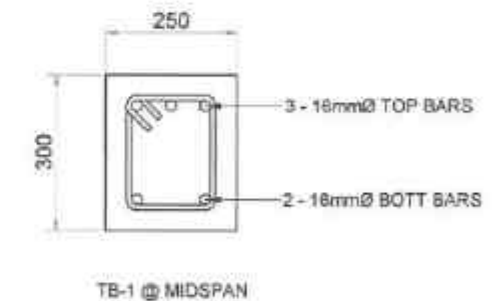
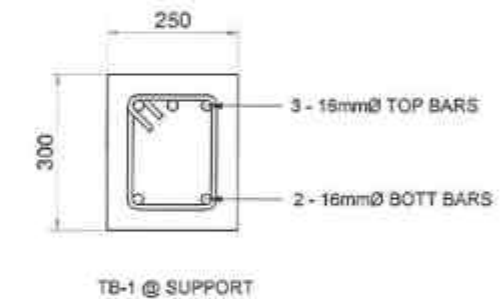
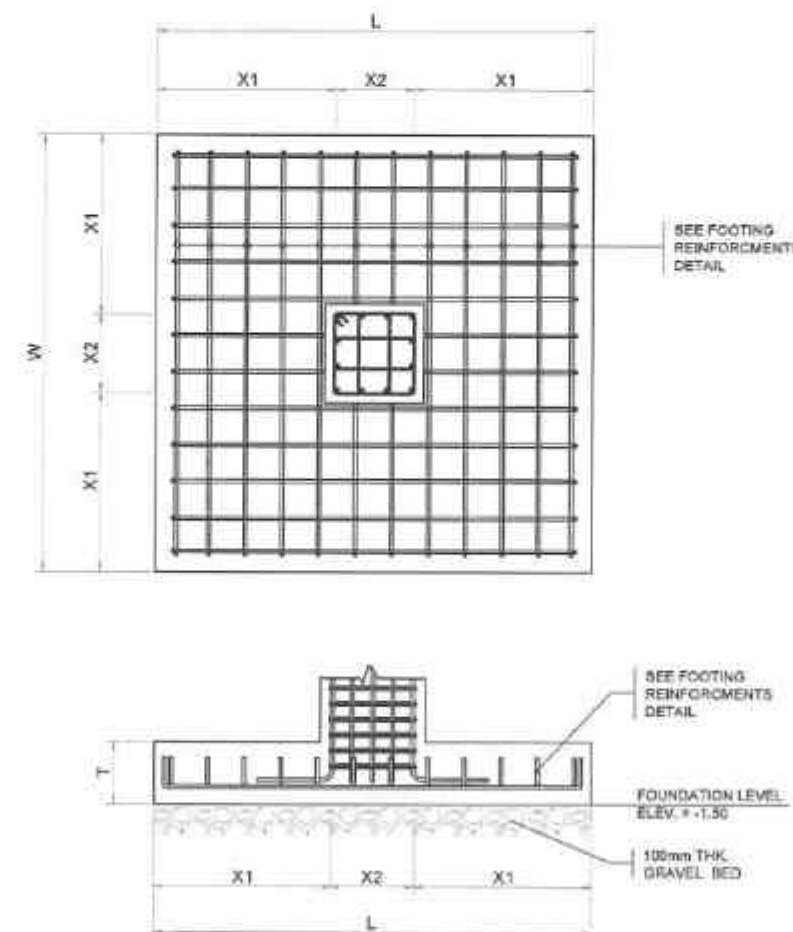
SCHEDULE OF ISOLATED FOOTING

FOOTING NO.	FOOTING SIZE (LENGTH x WIDTH) (m x m)	THICK (m)	ALONG LENGTH	ALONG WIDTH	DEPTH OF EXCAVATION	REMARKS
F1	1.50 x 1.50	0.35	10-16mmØ	10-16mmØ	1.50 m	SQUARE FOOTING

SCHEDULE OF TIE BEAMS

MARK	DIMENSION (mm)		BAR Ø (mm)	STEEL REINFORCEMENTS						WEB/ TORSION BARS (12mmØ)		STIRRUPS
	B	D		LEFT SUPPORT		MID SPAN		RIGHT SUPPORT				
				TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM			
TB-1	250	300	20	3		3		3		-		A
					2		2		2			

SCHEDULE OF COLUMN	
2ND FLOOR BEAM TO ROOF BEAM	
	DIMENSION (mm) 350mm x 350mm VERTICAL REBAR 8-16mmØ CONF. REBAR (NEW) 2 sets -10Ø; 1@50mm, 7@76mm TIES (MODULE) 2 sets -10Ø; REST@150mm SPLICE REBAR 2 sets -10Ø; 80mm Entire Splice Length JOINT REBAR 2 sets -10Ø; 100mm Spacing
	
	DIMENSION (mm) 350mm x 350mm VERTICAL REBAR 8-16mmØ CONF. REBAR (NEW) 2 sets -10Ø; 1@50mm, 7@76mm TIES (MODULE) 2 sets -10Ø; REST@150mm SPLICE REBAR 2 sets -10Ø; 80mm Entire Splice Length JOINT REBAR 2 sets -10Ø; 100mm Spacing
	
	DIMENSION (mm) 350mm x 350mm VERTICAL REBAR 8-16mmØ CONF. REBAR (NEW) 2 sets -10Ø; 1@50mm, 7@76mm TIES (MODULE) 2 sets -10Ø; REST@150mm SPLICE REBAR 2 sets -10Ø; 80mm Entire Splice Length JOINT REBAR 2 sets -10Ø; 100mm Spacing
C2	



REGIONAL OFFICE OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80002, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM - ALL SUPPORTS FOR BRIDGE PROPOSED TO SUPPORT LOCAL SERVICES -
CONSTRUCTION (COMPLETION OF MULTIPURPOSE BUILDING
BRIDGE) PROJECT - SOUTHERN LEYTE

SCHEDULE OF COLUMNS
SCHEDULE OF ISOLATED FOOTING
SCHEDULE OF TIE BEAMS

DESIGNED BY
ALEXANDER C. RIVERA
DATE
FEB 12 2025

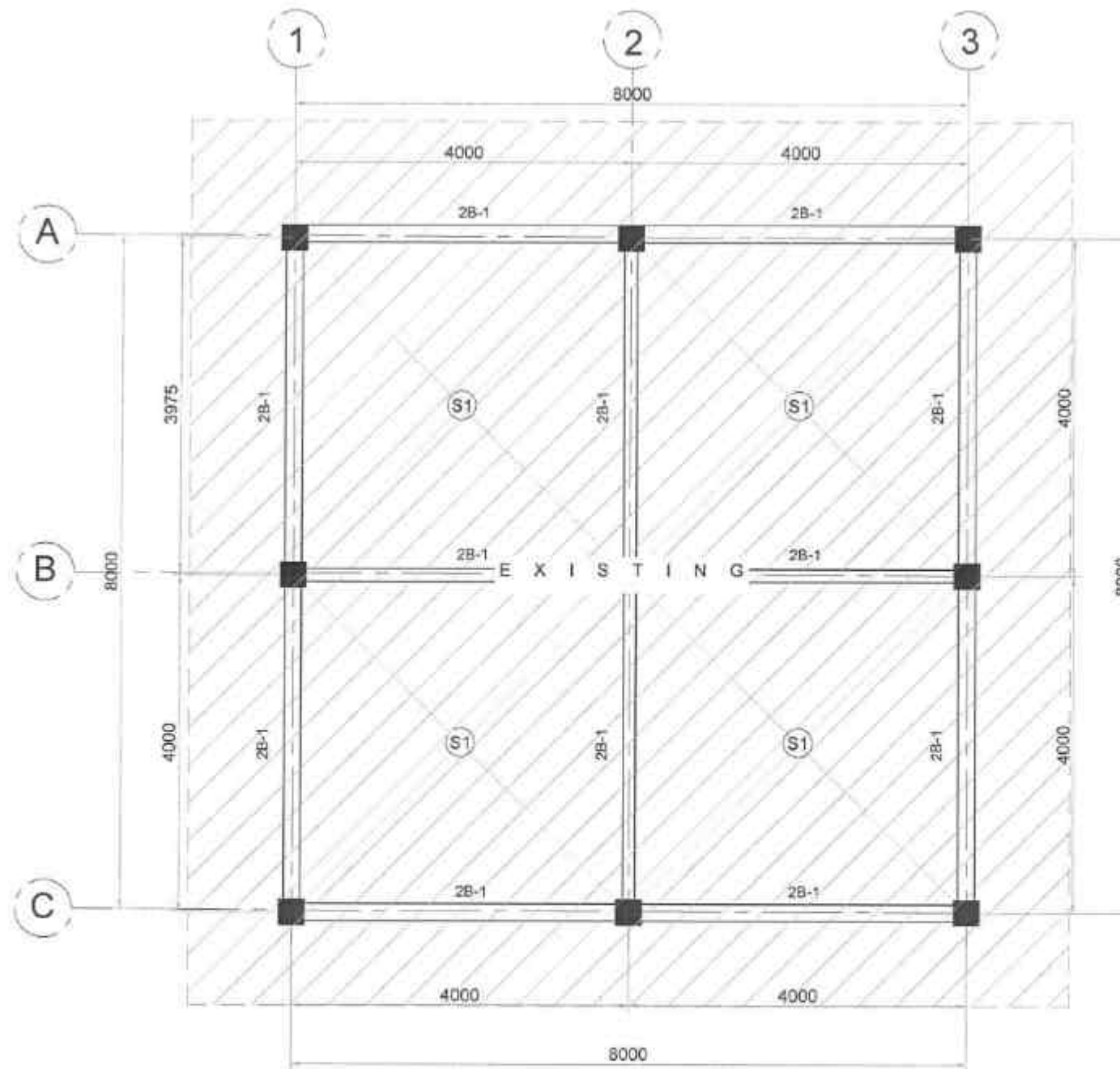
REVIEWED BY
JOSE A. BALTARAN
DATE
FEB 18 2025

SUBMITTED BY
RAINIER LOO C. RIVERA
DATE
FEB 18 2025

RECOMMENDED BY
EVELYN G. RIVERA
DATE
FEB 19 2025

APPROVED BY
EDUARDO V. SANDOS
DATE
FEB 19 2025

SHEET NO.
19
SHEET NO.
35



01 SECOND FLOOR BEAM FRAMING PLAN
S-4 SCALE 1:50 MTS.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 80000 SOUTHERN LEYTE	PROJECT NAME AND LOCATION COMPREHENSIVE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL SERVICES - CONSTRUCTION (COMPLETION OF MULTIPURPOSE BUILDING - BRANCAH DUKALAN, JUPAN, SOUTHERN LEYTE)	SHEET CONTENTS SECOND FLOOR BEAM FRAMING PLAN	DRAFTED ALEXANDER A. BAYANG, JR. ENGINEER DATE FEB 12 2025	REVIEWED JOSIE N. BAYANG, JR. ENGINEER DATE FEB 18 2025	SUBMITTED RAINIER LOUIS, RUIZ CHIEF PLANNING & DESIGN SECTION DATE FEB 18 2025	RECOMMENDED EVELYN D. BAYANG ASSISTANT DISTRICT ENGINEER DATE FEB 19 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE FEB 19 2025	SHEET NO. 6 SHEET NO. 20
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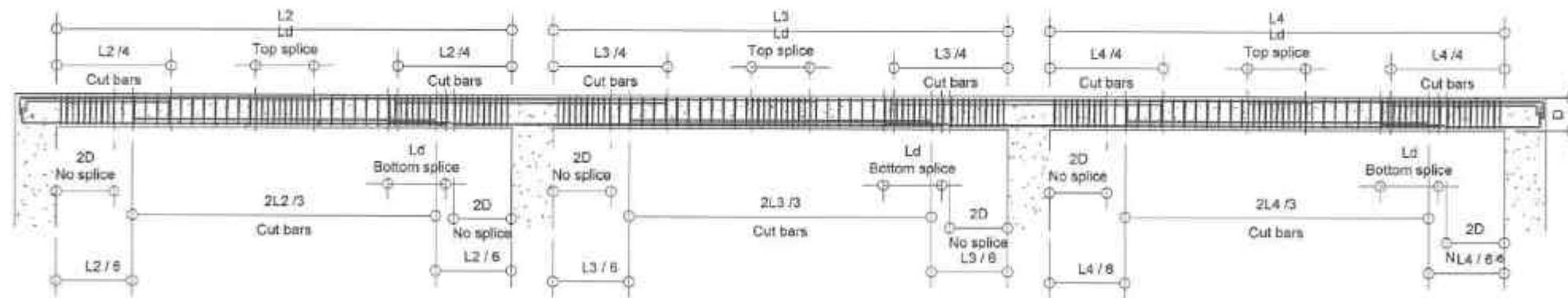
SCHEDULE OF SECOND FLOOR BEAMS

MARK	DIMENSION (mm)		BAR Ø (mm)	STEEL REINFORCEMENTS						WEB/ TORSION BARS (16mmØ)	STIRRUPS
				LEFT SUPPORT		MID SPAN		RIGHT SUPPORT			
	B	D		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM		
2B-1	250	400	16	5		3		5		-	A
					3		5		3		
2B-2	250	350	16	5		3		5		-	A
					3		5		3		

A = 10mmØ STIRRUPS: 2L - 1 @ 50, 14 @ 75, REST @ 150 TO C.L. (2-LEGS)

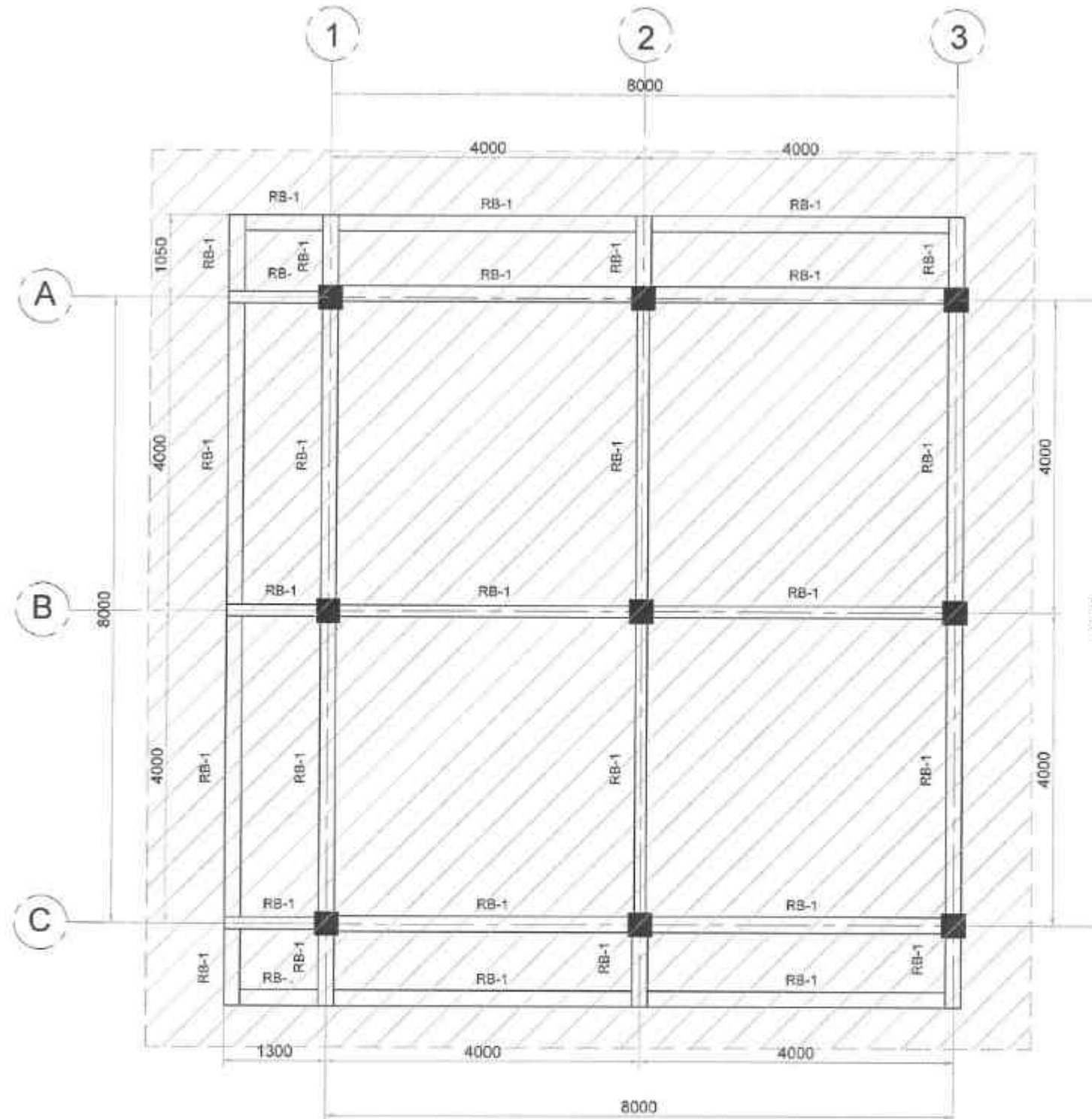
SCHEDULE OF SECOND FLOOR SLAB REINFORCEMENT

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



01 TYPICAL DUCTILE MOMENT FRAME DETAIL
S-5 SCALE NTS

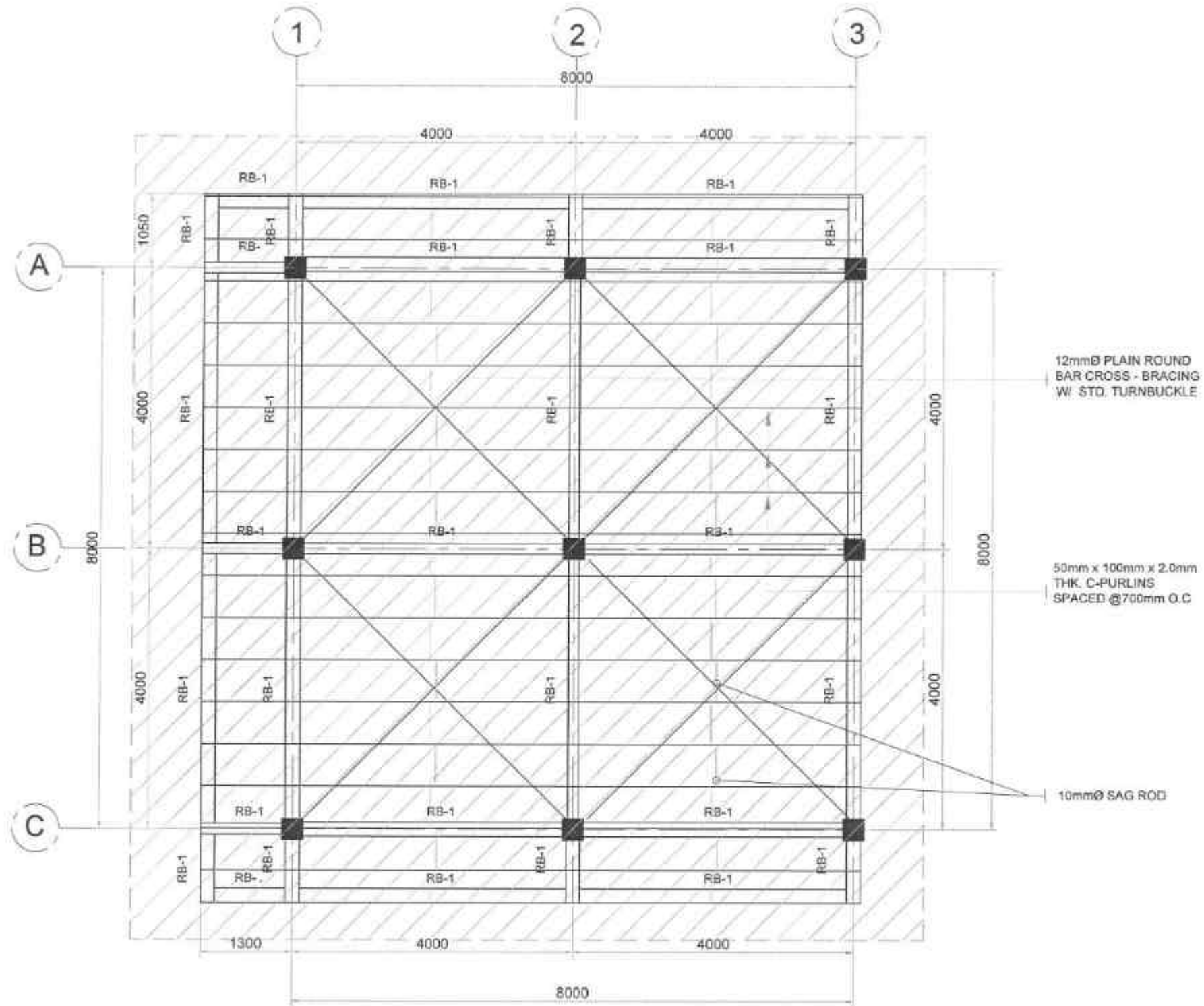
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE SOGOD, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONSTRUCTION AND SPECIAL SUPPORT PROJECTS IN BASIC INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITY TO SUPPORT LOCAL SERVICES - SUBSTATION COMPLETION BY MULTIPURPOSE BUILDING SUBSTATION PROJECTS, MULTIPURPOSE BUILDING	SHEET CONTENTS SCHEDULE OF SECOND FLOOR BEAMS TYPICAL DUCTILE MOMENT FRAME DETAIL	DRAFTED ALEXANDER C. VILLARIN, JR. ENGINEER DATE FEB 12 2025	REVIEWED JOSE R. BAY TAYAN, JR. ENGINEER DATE FEB 18 2025	SUBMITTED RAINIER C. BUSTOZ CHIEF, PLANNING & DESIGN SECTION DATE FEB 18 2025	RECOMMENDED EVAN TH. S. TAP ASSISTANT DISTRICT ENGINEER DATE FEB 18 2025	APPROVED ADUARDO V. SANTOS DISTRICT ENGINEER DATE FEB 19 2025	SHEET NO. 21	SHEET NO. 35



01 ROOF BEAM FRAMING PLAN
S-6 SCALE 1:50 MTS.

HATCHED AREA IS DESIGNED FOR
FUTURE AUGMENTATION AND
ADDITIONAL BUDGET ALLOCATION

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - BASE INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL ROADS CONSTRUCTION (COMPLETION AT MULTIPURPOSE BUILDING) SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE	SHEET CONTENTS ROOF BEAM FRAMING PLAN	DRAFTED: ALEJANDRO C. BUSTAMANTE JR. DATE: FEB 12 2025 PREPARED: JONHON C. VILLASO DATE: FEB 12 2025	REVIEWED: JONHON C. BUSTAMANTE JR. DATE: FEB 18 2025 ENGINEER II	SUBMITTED: RAINESE C. RUIZ DATE: FEB 18 2025 CHIEF PLANNING ENGINEER	RECOMMENDED: EVELYN D. TAN DATE: FEB 19 2025 ASSISTANT DISTRICT ENGINEER	APPROVED: EDUARDO V. SANTOS DATE: FEB 19 2025 DISTRICT ENGINEER	SECTION: 5 SHEET NO: 22
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01 ROOF FRAMING PLAN
S-7 SCALE 1:50 MTS.

HATCHED AREA IS DESIGNED FOR FUTURE AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION

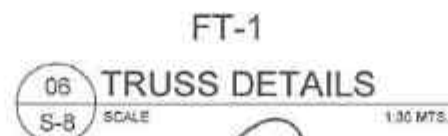
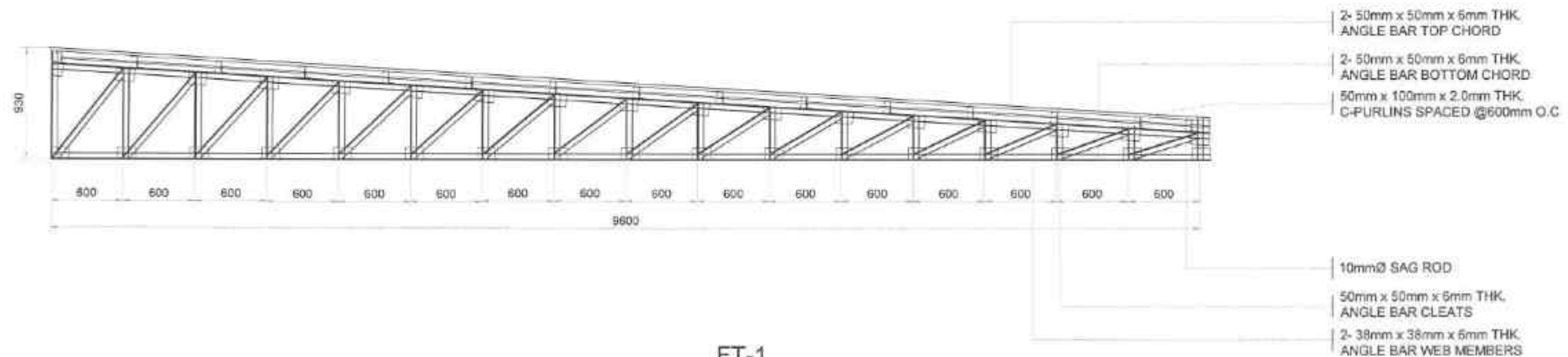
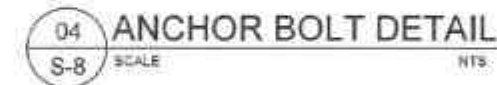
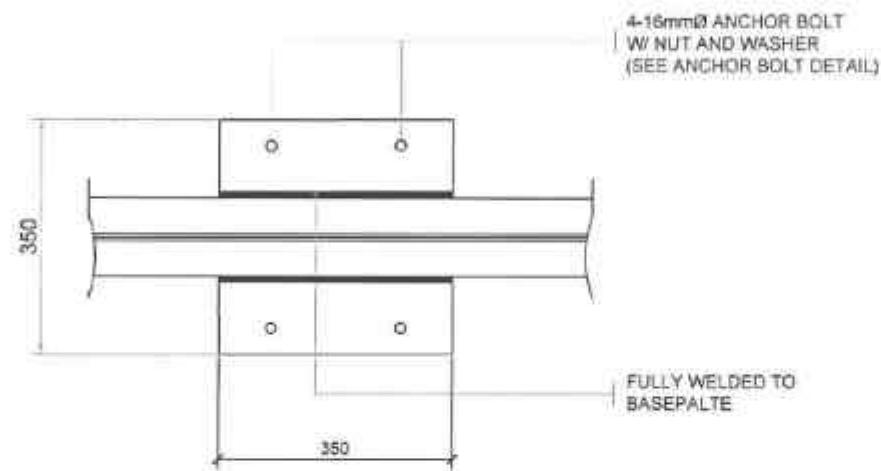
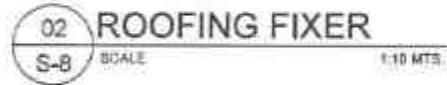
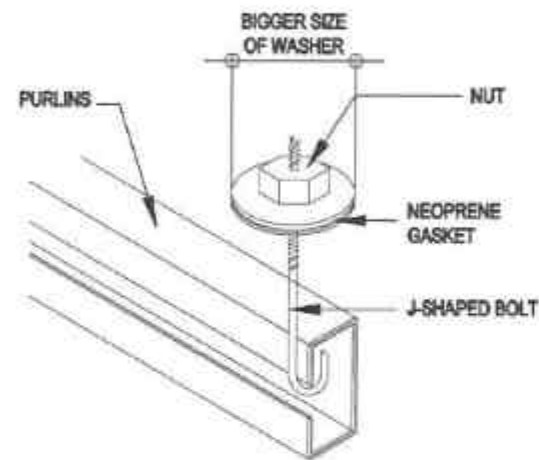
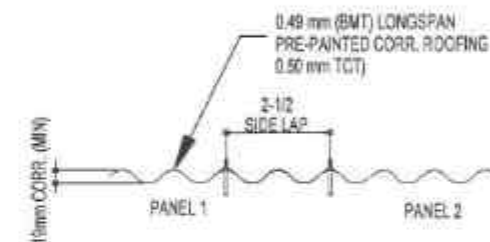
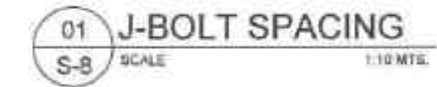
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000C, SOUTHERN LEYTE	PROJECT NAME AND LOCATION: IMPROVEMENT AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE AND/OR - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL RESIDENTS CONSTRUCTION COMPLETED BY MULTIPURPOSE BUILDING BUDGETY ALLOCATION: 48,000,000.00 SOUTHERN LEYTE	SHEET CONTENTS: ROOF FRAMING PLAN	DRAFTED: ALEJANDRO C. VILLARDO DATE: FEB 12 2025	REVIEWED: JOSE A. BALTAZAR DATE: FEB 18 2025	SUBMITTED: RAINIER L. C. BLAZ DATE: FEB 18 2025	RECOMMENDED: EVELYN D. NAR DATE: FEB 19 2025	APPROVED: EDUARDO V. SANCOS DATE: FEB 19 2025	SHEET NO. 33
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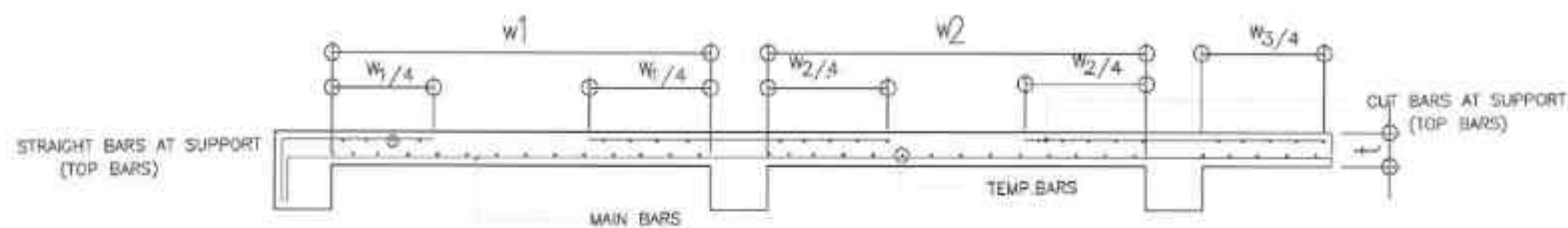
MARK	DIMENSION (mm)		BAR Ø (mm)	STEEL REINFORCEMENTS						WEB/ TORSION BARS (12mmØ)		STIRRUPS
	B	D		LEFT SUPPORT		MID SPAN		RIGHT SUPPORT				
				TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM			
RB-1	250	350	20	3		3		3		-		A
					3		3		3			

J-BOLTS @ EVERY 3RD CORR.

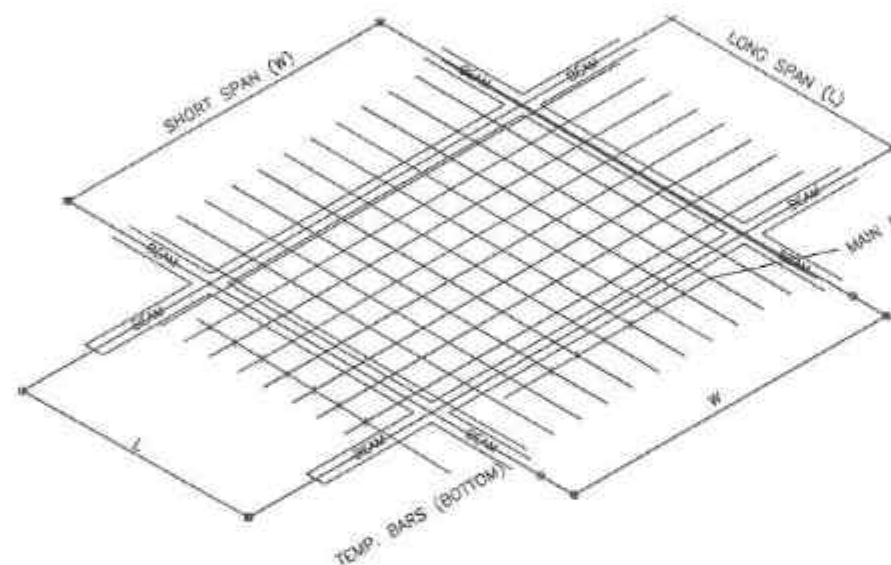
LC PURLIN

LC PURLIN

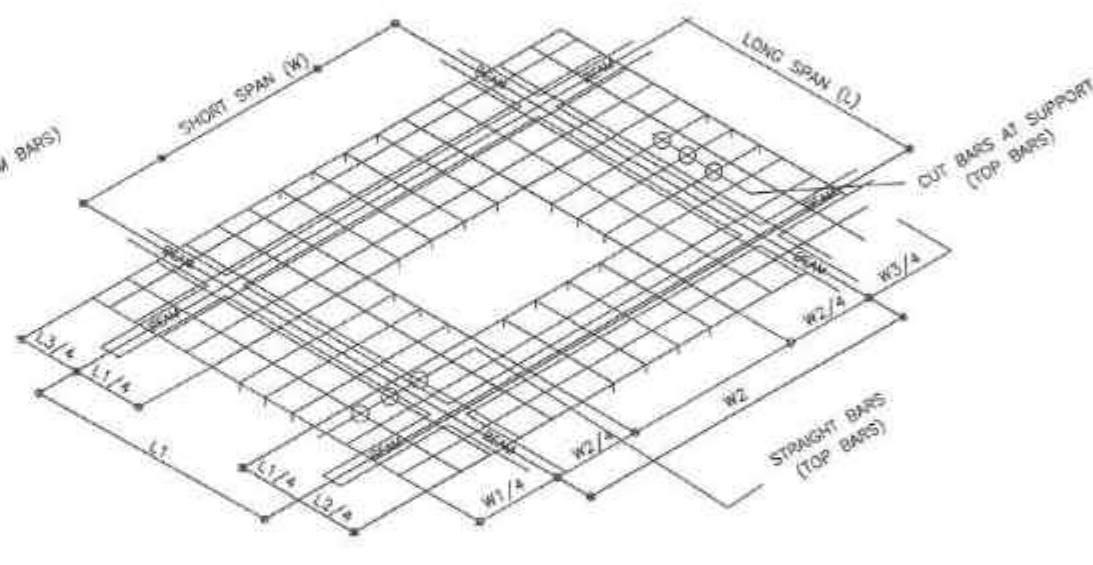




SLAB REINFORCEMENT SECTION



TWO WAY SLAB BOTTOM BARS
LAY-OUT PLAN



TWO WAY SLAB TOP BARS
LAY-OUT PLAN

TWO WAY SLAB DETAIL

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 82000 SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONCRETE AND SPECIAL SUPPORT PROGRAM / BASIC INFRASTRUCTURE PROGRAM - MULTIPURPOSE RAILROAD PROJECTS TO SUPPORT LOCAL SERVICES - CONSTRUCTION COMPLETION OF MULTIPURPOSE RAILROAD IMMEDIATE TERMINATION, PANGALANAN, SOUTHERN LEYTE	SHEET CONTENTS SLAB REINFORCEMENT SECTION	DRAWN BY ALF. ANDRÉS S. SANTIAGO DATE FEB 17 2025 PREPARED BY JUNOR M. C. VILLOJO DATE FEB 17 2025	REVIEWED BY JOSE A. REAL DATE FEB 18 2025	SUBMITTED BY RAINFORD C. RUIZ DATE FEB 19 2025	RECOMMENDED BY EYDIA V. VILLALBA DATE FEB 19 2025	APPROVED BY EDUARDO V. SANTOS DATE FEB 19 2025	SET NO. 5 SHEET NO. 25
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SCHEDULE OF LOADS:

CIRCUIT NO.	LOAD DESCRIPTIONS	QTY.	TOTAL VOLT-AMP	I (AMP)	WIRE SIZE	CONDUIT SIZE	BRK. SIZE	NO. OF POLE	KAIC
1	LIGHTS	8	800	3.63	2-#3.5 MM ² THHN, 1-#2.0 MM ² TW	13mm Ø PVC	15	2	
2	LIGHTS	21	2100	9.54	2-#3.5 MM ² THHN, 1-#2.0 MM ² TW	13mm Ø PVC	15	2	
3	C.O	8	2880	12.72	2-#5.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	20	2	
4	C.O	8	2880	12.72	2-#5.5 MM ² THHN, 1-#2.0 MM ² TW	20mm Ø PVC	20	2	
5	SPARE	1							
6	SPARE	1							
	MAIN BREAKER		8660	38.62	2-#14.0 MM ² THHN, 1-#5.5 MM ² TW	32mm Ø PVC	60	2	10

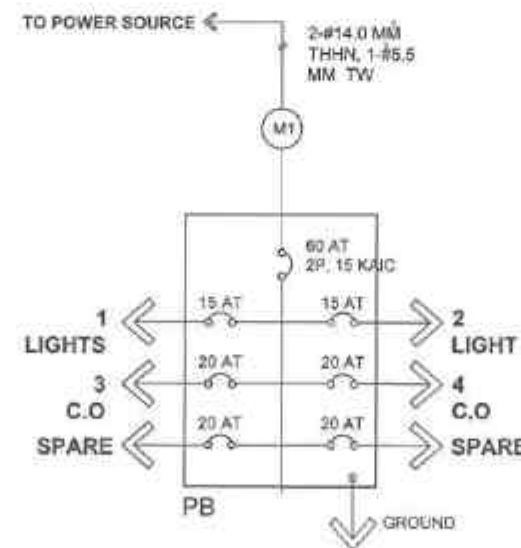
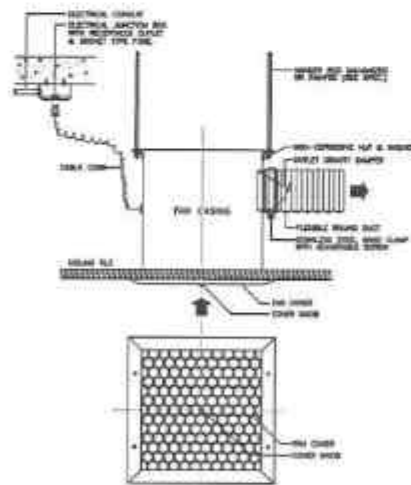
MAIN CONDUCTOR DESIGN:

IC = (38.62) 80%
= 30.89 AMPS

USE: 2-14.0MM² THHN +
1-5.5MM² TW

MAIN BREAKER DESIGN:

USE: 60 2P, 220 VOLTS, 10 KAIC



SINGLE LINE DIAGRAM

ELECTRICAL NOTES:

ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE PHILIPPINE ELECTRICAL CODE AND REGULATIONS OF THE LOCAL AND NATIONAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAW AND ORDINANCES.

WORKMANSHIP SHALL BE EQUAL TO THE BEST STANDARD PRACTICED ADOPTED AND RECOGNIZED IN THIS TRADE

ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE TO ANY PURPOSE INTENDED. ALL WIRES TYPE TW/THW SHALL BE INSULATED FOR 600VOLTS.

NO BRANCH CIRCUIT SHALL BE HAVE A LOAD OF MORE THAN 80% OF ITS RATING

ELECTRICAL SERVICE REQUIREMENTS SHALL BE 220 VOLTS, 1-PHASE 60HZ, SUPPLY

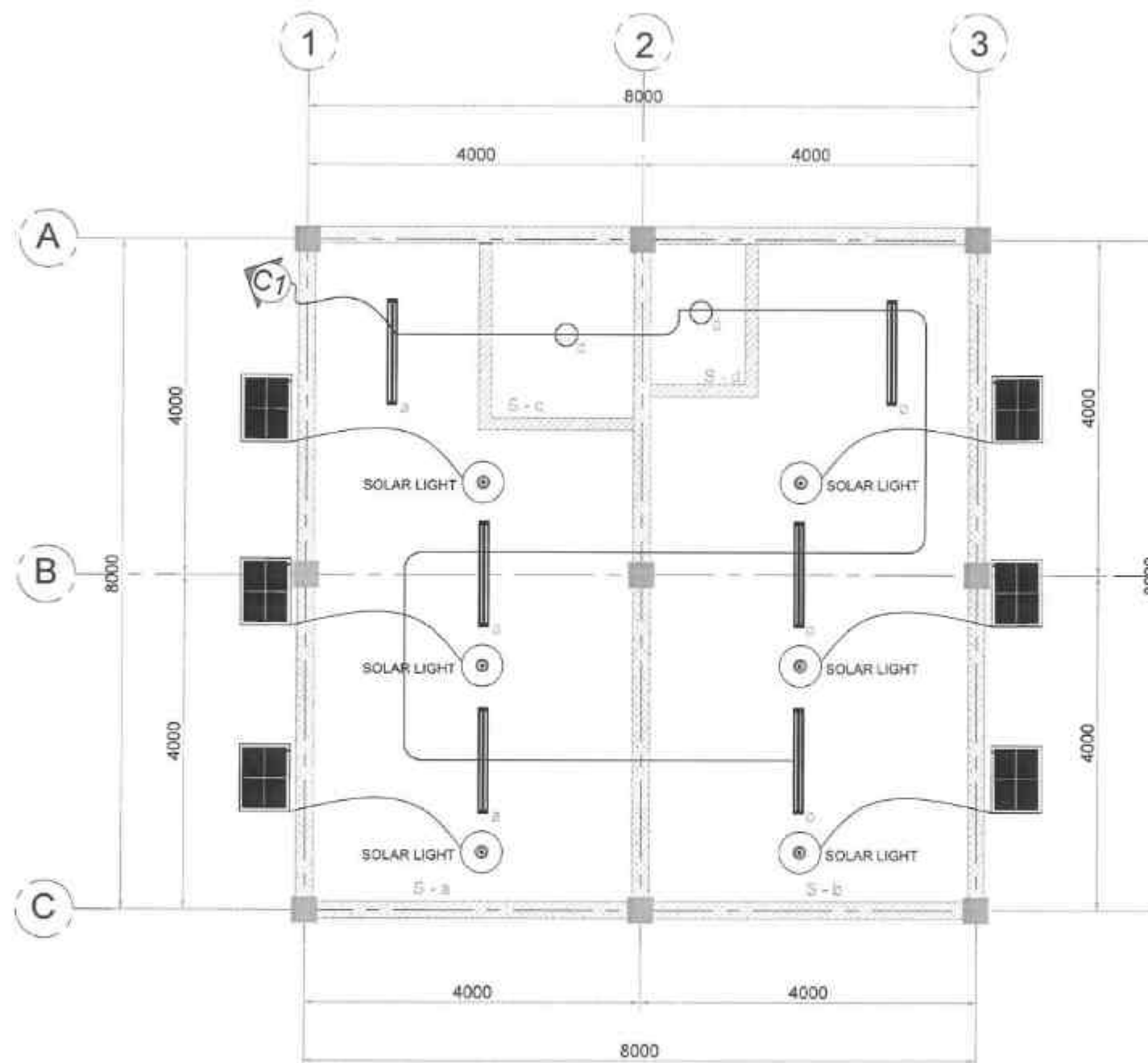
ADEQUATE AND EFFECTIVE GROUNDING SHALL BE DONE TO METALLIC CONDUITS, CABINETS AND EQUIPMENTS

ALL ELECTRICAL INSTALLATIONS HEREIN SHALL BE DONE UNDER THE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER

LEGEND	
	PANEL BOARD
	25W PINLIGHTS
	CONVENIENCE OUTLET
	SURFACE TYPE DOWN LIGHT
	16W T8 LED TUBE LIGHT W/ DIFFUSER
	CIRCUIT LINE
	SWITCH LINE
	ONE-GANG SWITCH
	TWO-GANG SWITCH
	THREE-GANG SWITCH
	THREE-WAY SWITCH

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

 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE 50000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DESIGNED BY JUNEDINE C. VILLALBA ENGINEER II DATE: FEB 12 2025	REVIEWED BY JOSE A. BALAZAR ENGINEER II DATE: FEB 18 2025	SUBMITTED BY RAIMUNDU C. RUZ CHECK, PLANNING & DESIGN SECTION DATE: FEB 18 2025	RECOMMENDED BY EVELYN D. VILLALBA ASSISTANT DISTRICT ENGINEER DATE: FEB 19 2025	APPROVED BY EDUARDO V. SANFOS DISTRICT ENGINEER DATE: FEB 19 2025	SET NO. E 15	SHEET NO. 26 36
	ROADWORKS AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM - ALL SUPPLY AND SERVICE PROJECTS TO SUPPORT LOCAL SERVICES - ROAD REPAIRS (COMPLETION OF MULTIPURPOSE BUILDING BREAKDOWN-PERMANENT, REPAIRS, RECONSTRUCTION	SCHEDULE OF LOADS ELECTRICAL NOTES SINGLE LINE DIAGRAM LEGEND CEILING EXHAUST FAN							



01 GROUND FLOOR LIGHTING LAYOUT
E-2 SCALE 1:50 MTS.

PROFESSIONAL ELECTRICAL ENGINEER
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
80000, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:

CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM - MULTI-PURPOSE BUILDING PROVIDED TO SUPPORT LOCAL SERVICES -
CONSTRUCTION COMPLETION OF MULTI-PURPOSE BUILDING
BIRHWAY/PAWALAN, NAGPARTIAN, SOUTHERN LEYTE

SHEET CONTENTS:

GROUND FLOOR LIGHTING LAYOUT

DESIGNED BY: JENSONE VILORIA
DATE: FEB 18 2025
PREPARED BY: JENSONE VILORIA
DATE: FEB 18 2025

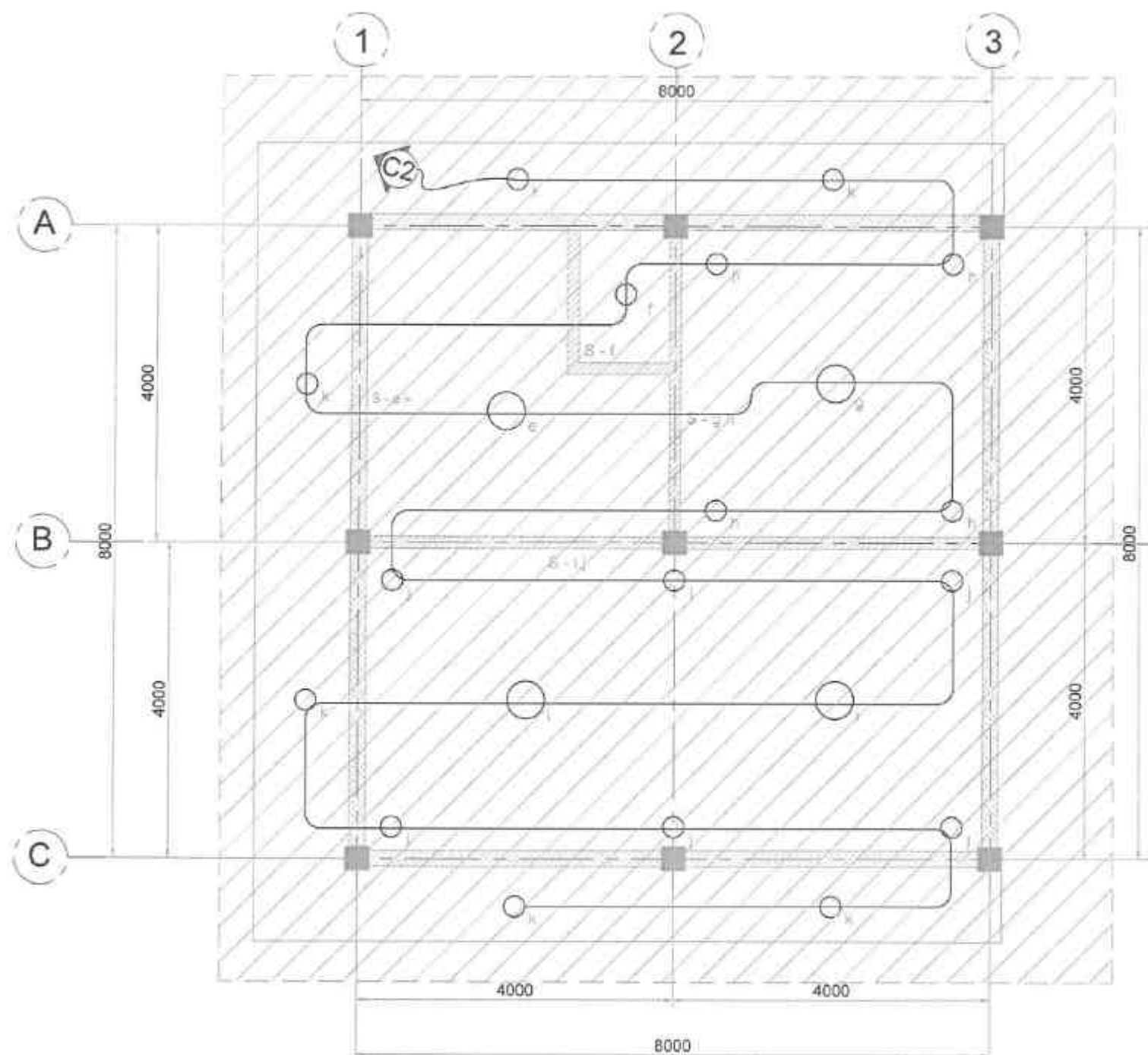
REVIEWED BY: JOSE A. SALAS
DATE: FEB 18 2025
ENGINEER

SUBMITTED BY: HANMER LOPEZ ROM
DATE: FEB 18 2025
CHIEF, PLANNING & DESIGN SECTION

RECOMMENDED BY: EVELYN D. MAP
DATE: FEB 19 2025
ASSISTANT DISTRICT ENGINEER

APPROVED BY: EDUARDO V. SANTOS
DATE: FEB 19 2025
DISTRICT ENGINEER

SHEET NO.: 27
DRAWING NO.: 25
36

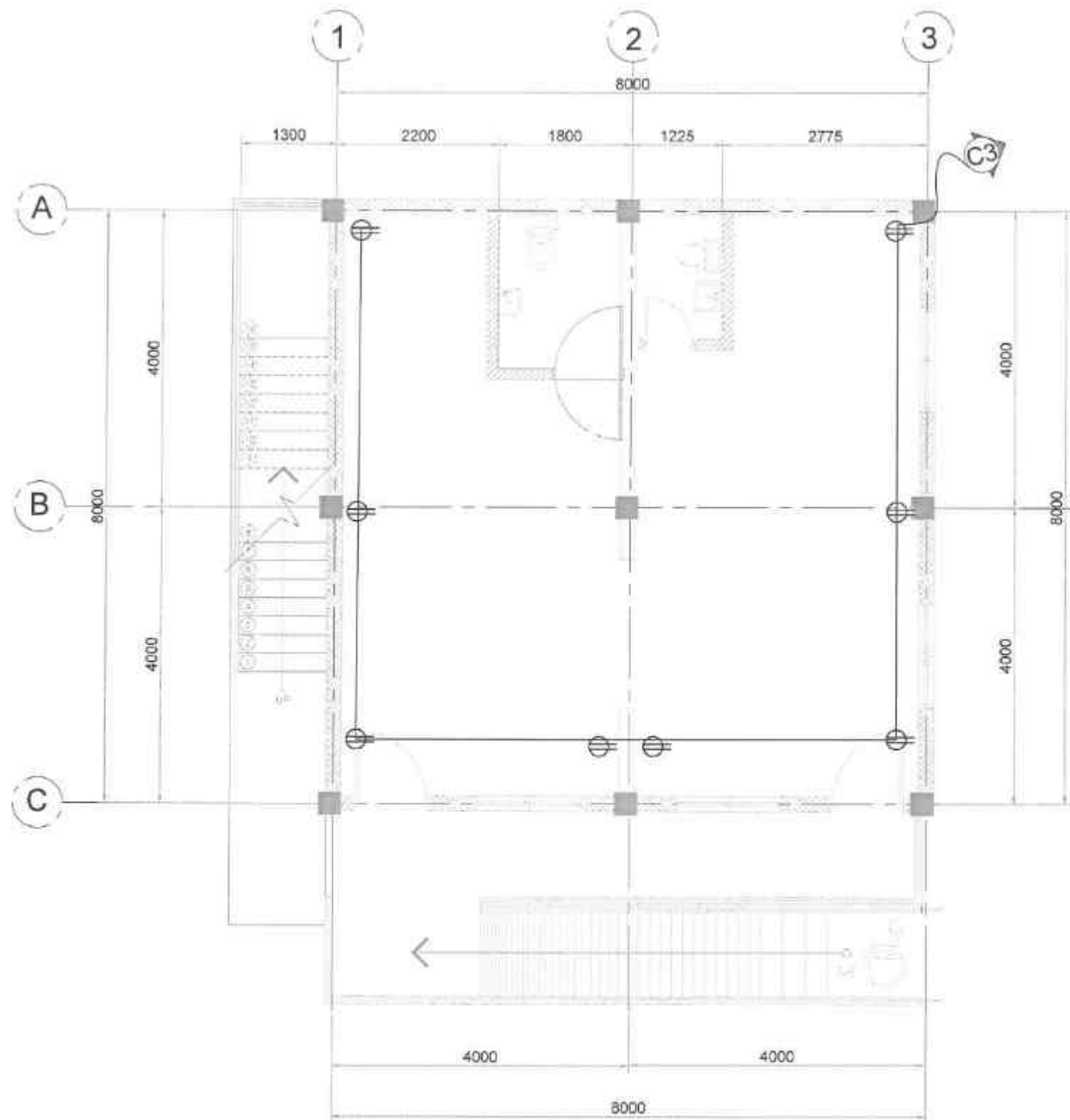


D1 SECOND FLOOR LIGHTING LAYOUT
E-3 SCALE 1:50 MTS.

HATCHED AREA IS DESIGNED FOR FUTURE AUGMENTATION AND ADDITIONAL BUDGET ALLOCATION

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

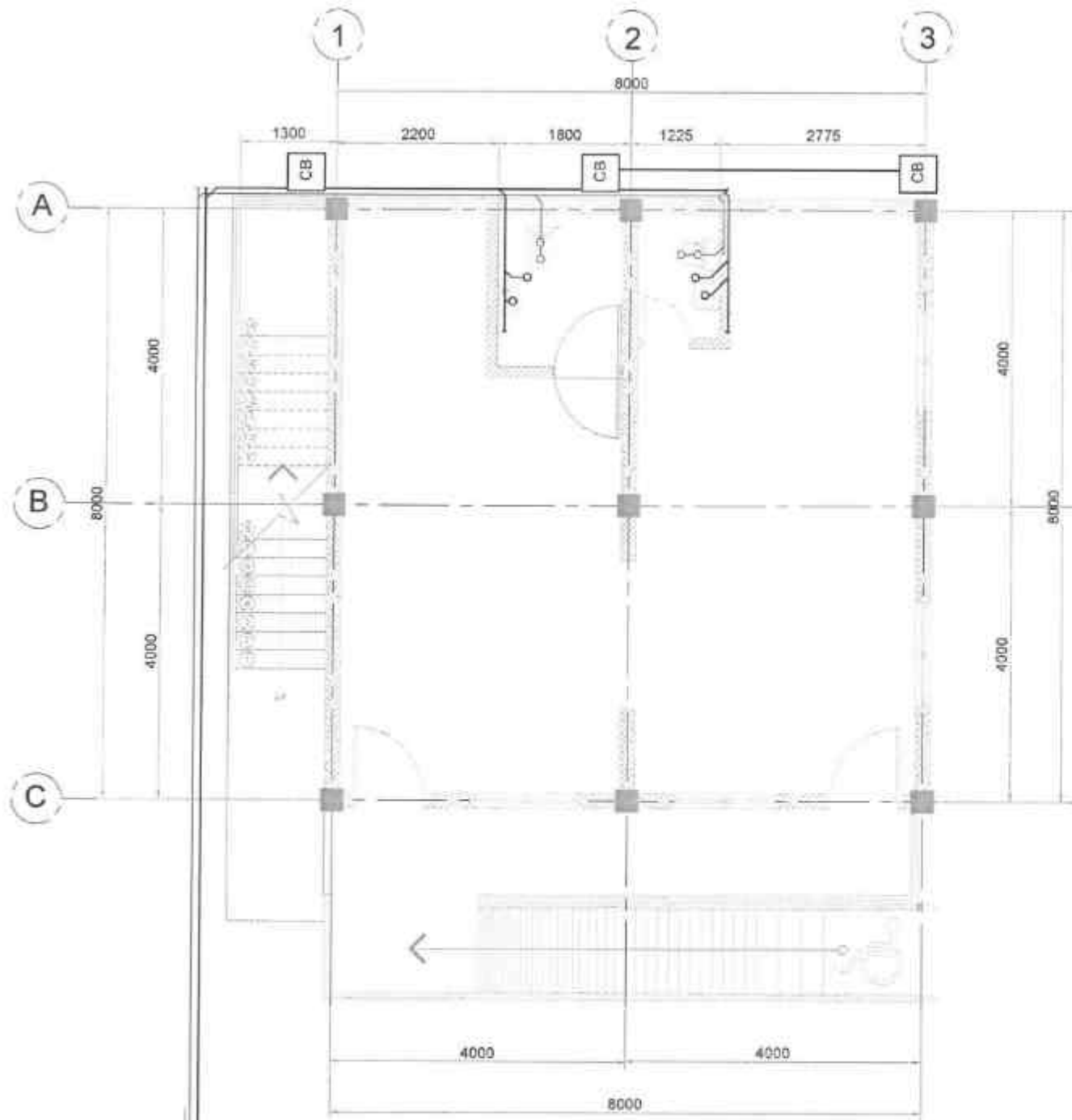
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 80000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - BAKO SPRING RESERVE PERSONNEL AND SUPPORT BUILDING POLYMER TO SUPPORT LOCAL SERVICES CONSTRUCTION COMPLETION OF BAKO SPRING RESERVE BUDGET FUNDING: 100,000,000.00	SHEET CONTENTS SECOND FLOOR LIGHTING LAYOUT	DRAFTED KEITH ABRAHAM DATE FEB 12 2025	REVIEWED JOSE A. BALTAZAR ENGINEER II DATE FEB 18 2025	SUBMITTED HARBER L. BLIC CHIEF, PLANNING AND DESIGN SECTION DATE FEB 18 2025	RECOMMENDED EVALYN D. DIAZ ASSISTANT DISTRICT ENGINEER DATE FEB 19 2025	APPROVED EDUARDO V. SANJOS DISTRICT ENGINEER DATE FEB 19 2025	SET NO. E 3 5 SHEET NO. 38 55
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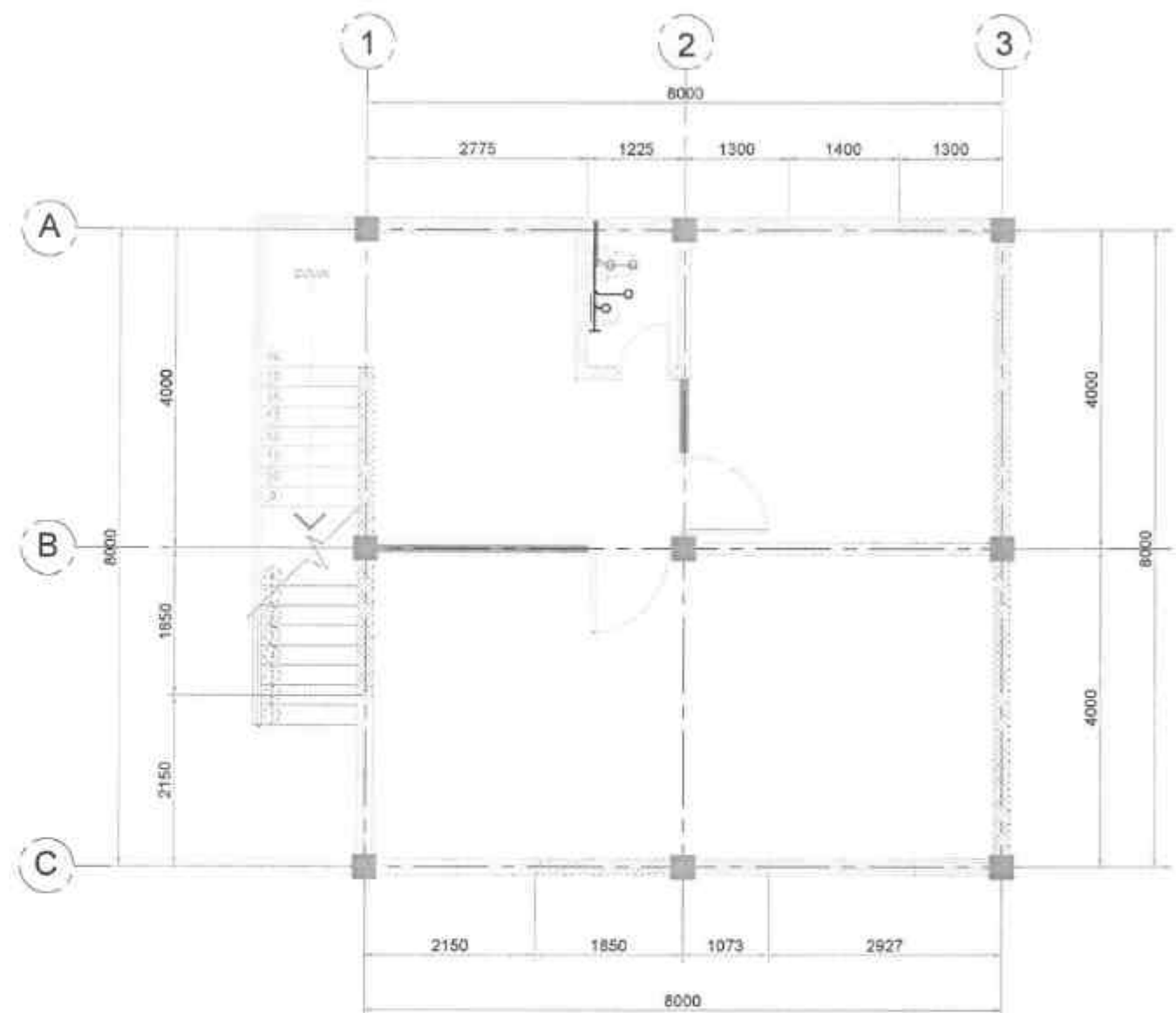
01 GROUND FLOOR POWER LAYOUT
E-4 SCALE 1:50 MTS.

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

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 8000S SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERSION AND SPECIAL SUPPORT PROGRAM - ROAD INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT JUVENILS REHABILITATION/COMPLETION OF MULTIPURPOSE BUILDING BUILDING - PENALON (PENALON SOUTHERN LEYTE)	SHEET CONTENTS GROUND FLOOR POWER LAYOUT	DRAWN BY KEVIN J. BARRERA, JR. DATE FEB 12 2025	REVIEWED JOSE A. BALTAZAR DATE FEB 18 2025	SUBMITTED RAINIER M. C. RISE DATE FEB 18 2025	RECOMMENDED EVELYN D. TAN DATE FEB 19 2025	APPROVED EDUARDO V. SANTOS DATE FEB 19 2025	SET NO. 4 SHEET NO. 35
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01
P-1
SCALE 1:75 MTS.
GROUND FLOOR
SANITARY LAYOUT



02
P-1
SCALE 1:75 MTS.
SECOND FLOOR
SANITARY LAYOUT

MASTER PLUMBER
LICENSE NO. _____
PTR NO. _____
DATE ISSUED NO. _____
PLACE ISSUED _____
TAP



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80900, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONSERVATION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM - WATER SUPPLY AND SANITATION TO SUPPORT LOCAL RESIDENTS
CONSTRUCTION (COMPLETION OF MULTIPURPOSE BUILDING
BENEFITING POPULATION: 10,000 PEOPLE)

SHEET CONTENTS
GROUND FLOOR SANITARY LAYOUT
SECOND FLOOR SANITARY LAYOUT

DRAFTED
ALEXANDER S. TORRES
DATE
FEB 12 2025
PREPARED
JOSUENE C. VALEJO
ENGINEER
DATE

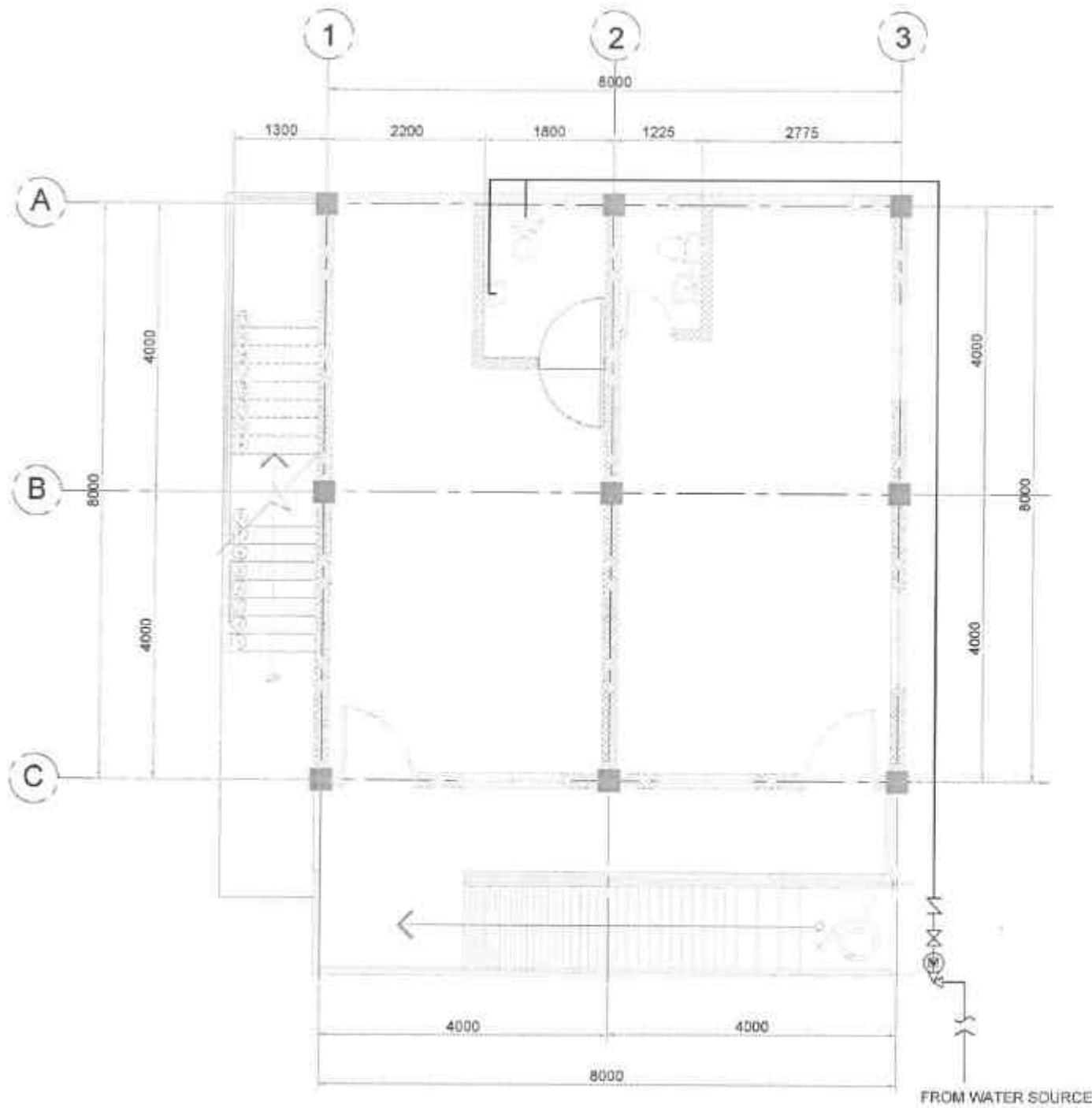
REVIEWED
JOSUE S. BALTAZAR
ENGINEER
DATE
FEB 18 2025

SUBMITTED
RAINIER S. S. RUIZ
CHIEF PLANNING DESIGN SECTION
DATE
FEB 18 2025

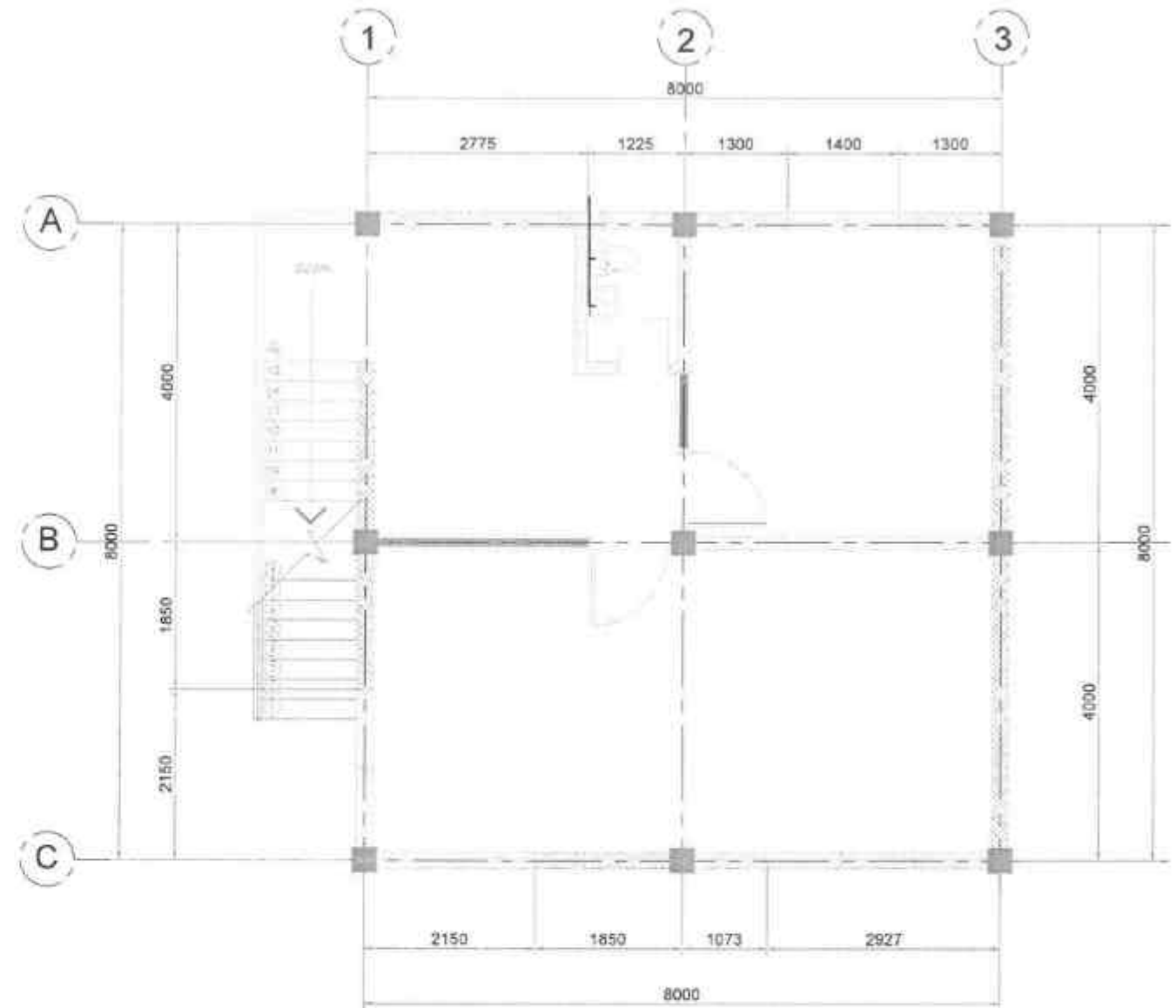
RECOMMENDED
EVELYN O. YAT
ASSISTANT DISTRICT ENGINEER
DATE
FEB 19 2025

APPROVED
EDUARDO V. SANDOS
DISTRICT ENGINEER
DATE
FEB 19 2025

SHEET NO.
P
1 5
SHEET NO.
31
35



01
P-2
GROUND FLOOR
WATERLINE LAYOUT
SCALE 1:75 MTS.



02
P-2
SECOND FLOOR
WATERLINE LAYOUT
SCALE 1:75 MTS.

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



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

PROJECT NAME AND LOCATION:
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
80000, SOUTHERN LEYTE

SHEET CONTENTS:
GROUND FLOOR WATERLINE LAYOUT
SECOND FLOOR WATERLINE LAYOUT

DRAFTED:
ALEXANDRO C. SORIANO JR.
ENGINEER
DATE: FEB 12 2025

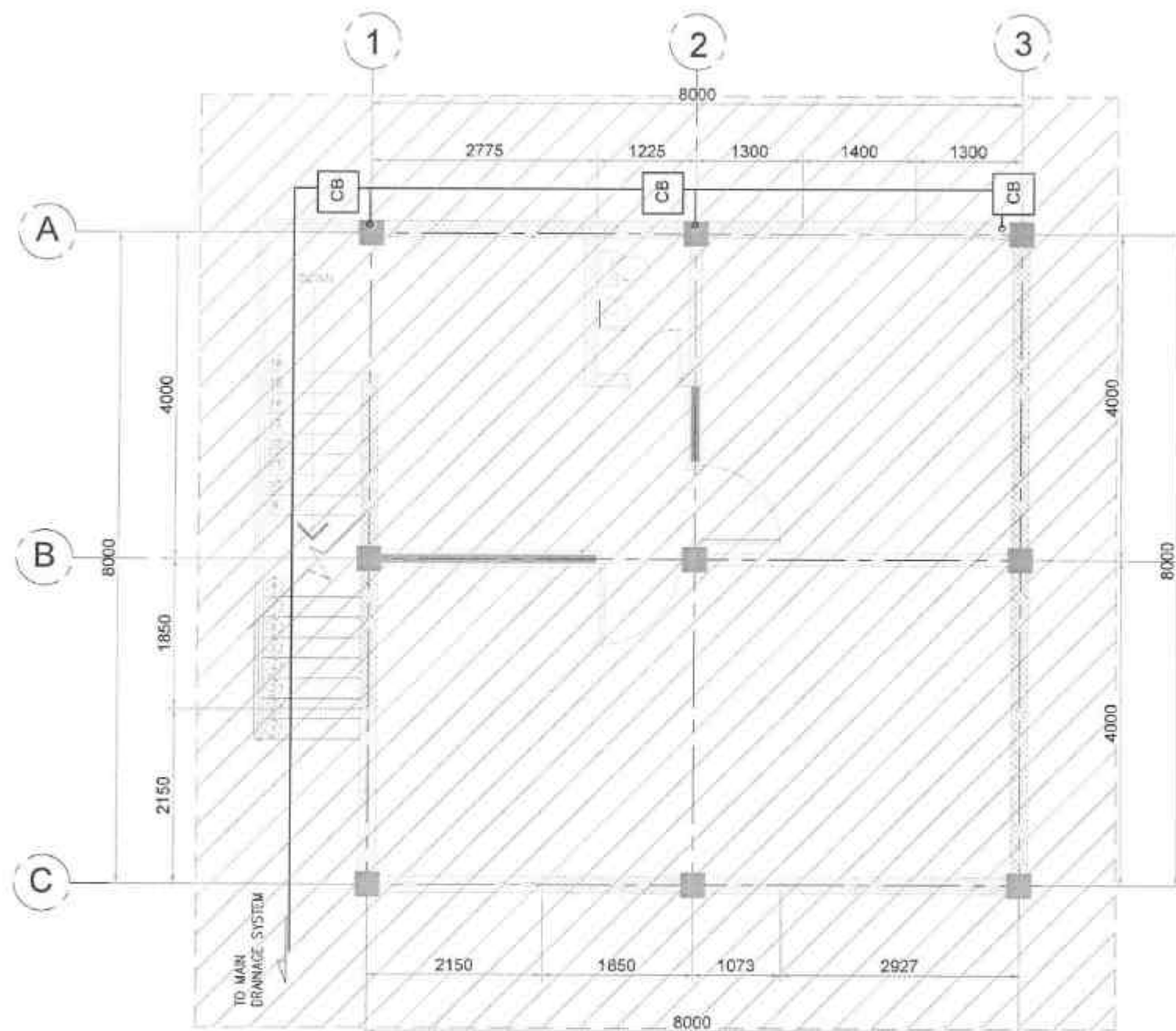
REVIEWED:
JOSE A. BALTAGAR
ENGINEER
DATE: FEB 18 2025

SUBMITTED:
RAINIER LOPEZ RUIZ
CHIEF PLANNING AND DESIGN SECTION
DATE: FEB 17 2025

RECOMMENDED:
EVELYN D. TAN
ASSISTANT DISTRICT ENGINEER
DATE: FEB 19 2025

APPROVED:
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE: FEB 19 2025

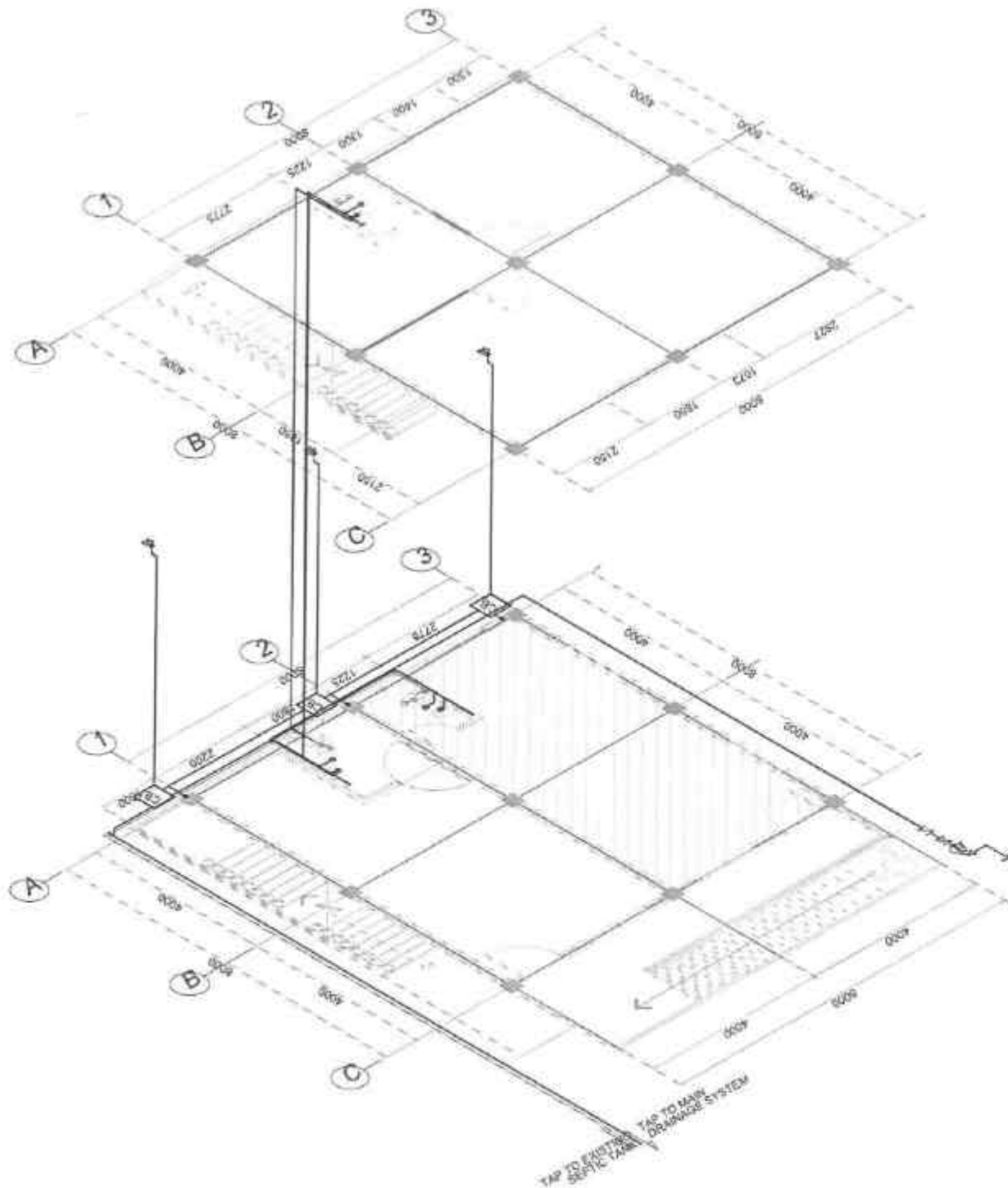
SET NO.:
SHEET NO.:
25
35



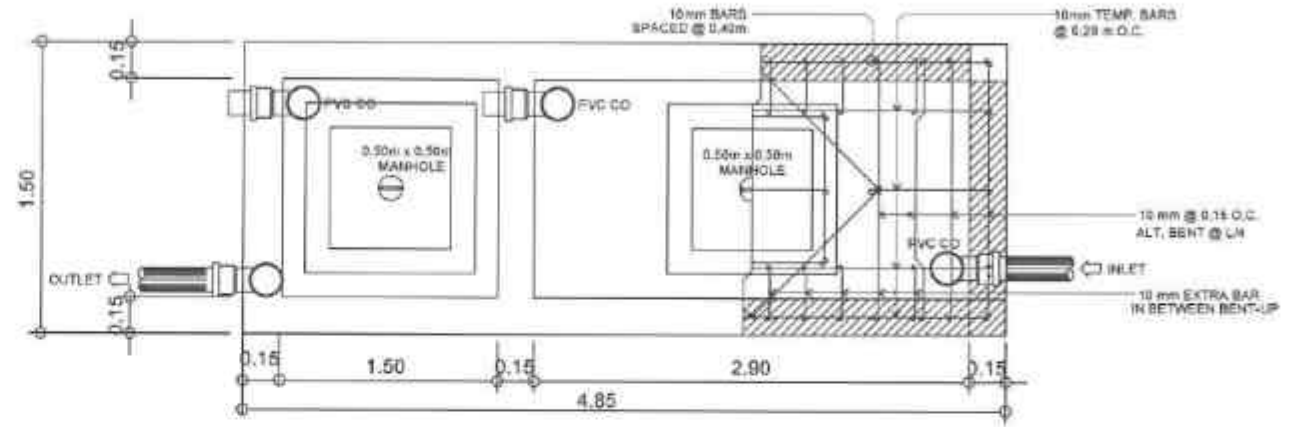
HATCHED AREA IS DESIGNED FOR
FUTURE AUGMENTATION AND
ADDITIONAL BUDGET ALLOCATION

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

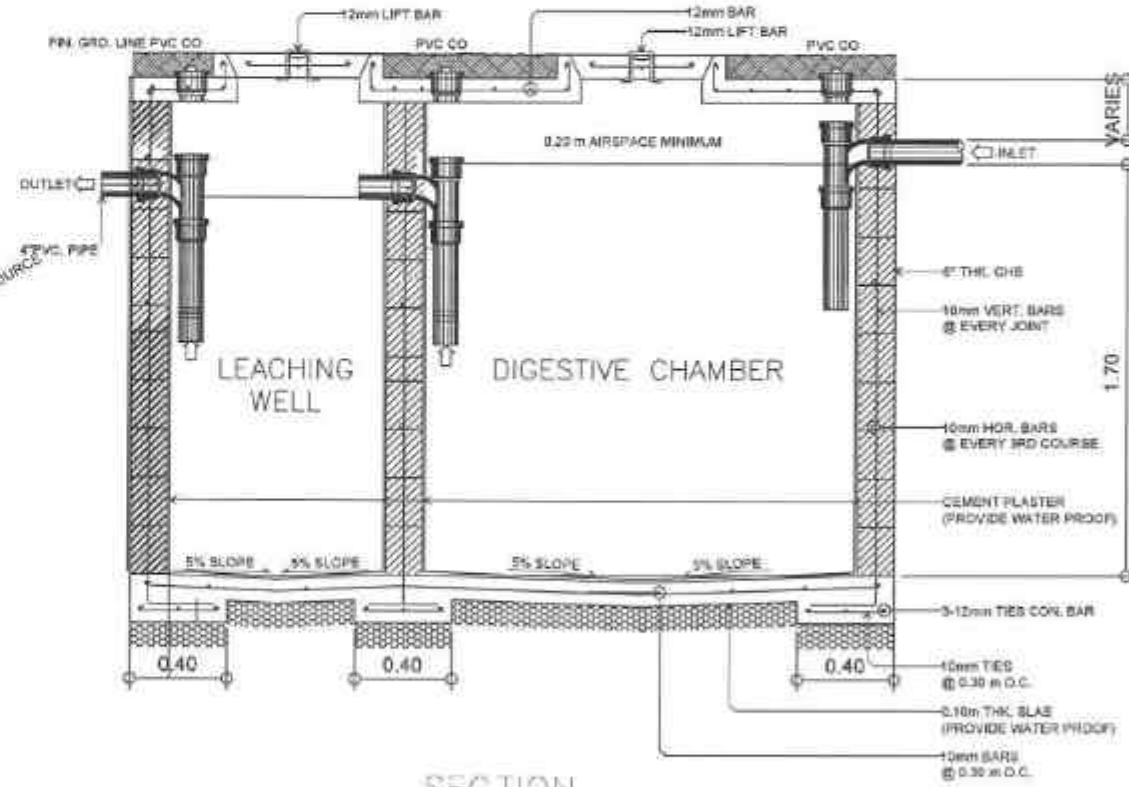
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 80000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION: CORPORATE AND SPECIAL SUPPORT PROGRAM - BASE INFRASTRUCTURE PROGRAM - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LEGAL SERVICES - CONSTRUCTION (COMPLETION OF MULTIPURPOSE BUILDING) SOUTHERN LEYTE, SOUTHERN LEYTE	SHEET CONTENTS: STORMWATER DRAINAGE LAYOUT	DRAFTED: ALEXANDER C. ESTAYO DATE: FEB 12 2025	REVIEWED: JESS A. BALTAZAR DATE: FEB 18 2025	SUBMITTED: RAIMONDO C. RUIZ DATE: FEB 18 2025	RECOMMENDED: EVAN D. TAP DATE: FEB 19 2025	APPROVED: EDUARDO V. SANTOS DATE: FEB 19 2025	SCT NO.: 35 SHEET NO.: 32
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01 ISOMETRIC
P-4 SCALE: 1:30 MTS.



PLAN



SECTION

02 SEPTIC TANK
P-4 SCALE: NTS

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 VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
SOCCO, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
SOUTHERN LEYTE SPECIAL SUPPORT PROGRAM - SANITATION
PROVIDING AND SUPPLYING SANITATION FACILITIES TO SUPPORT LOCAL SERVICES
CONSTRUCTION (COMPLETION OF SANITATION BUILDING)
SOUTHERN LEYTE SPECIAL SUPPORT PROGRAM - SOCCO, SOUTHERN LEYTE

SHEET CONTENTS
ISOMETRIC SEPTIC TANK

DRAFTED
ALEXANDER BRITANO
DATE
FEB 12 2025

REVIEWED
JONAS BALAZAR
DATE
FEB 18 2025

SUBMITTED
RAINIER LOU G. ROME
DATE
FEB 18 2025

RECOMMENDED
RVS. INO
DATE
FEB 19 2025

APPROVED
EDUARDO V. SANTOS
DATE
FEB 19 2025

SHEET NO.
45
SHEET NO.
34

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

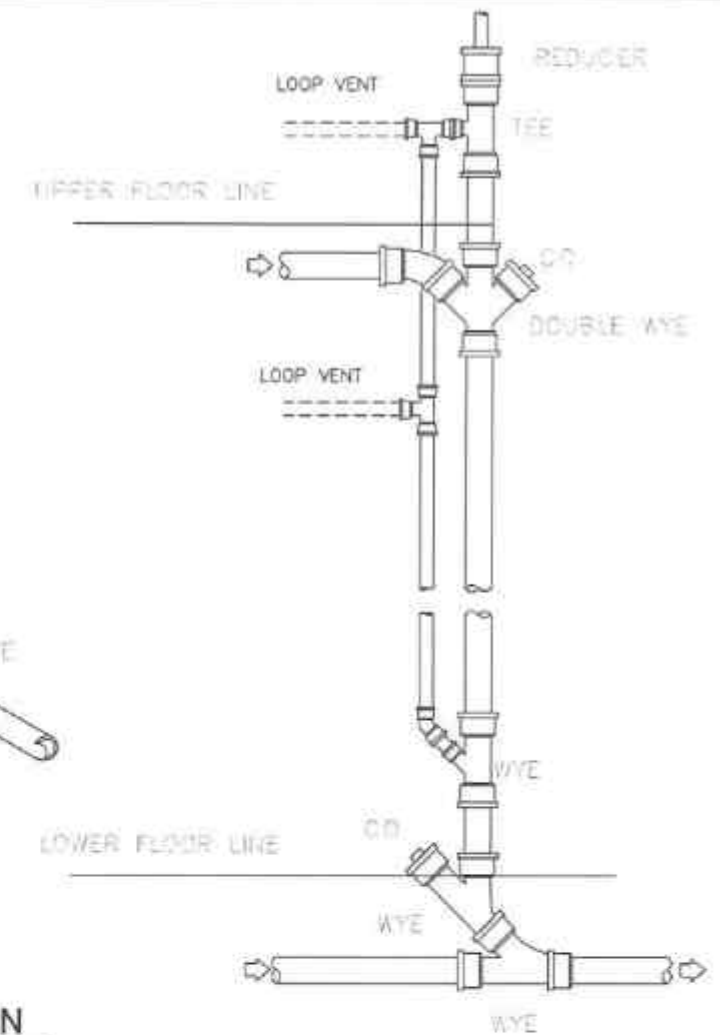
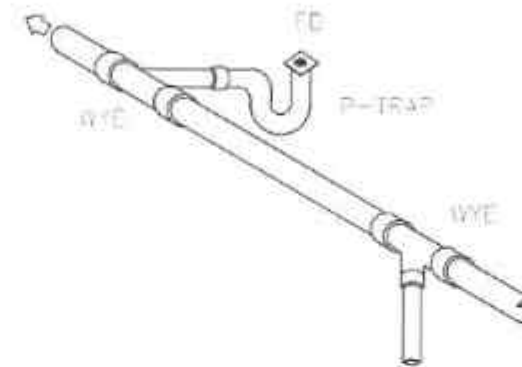
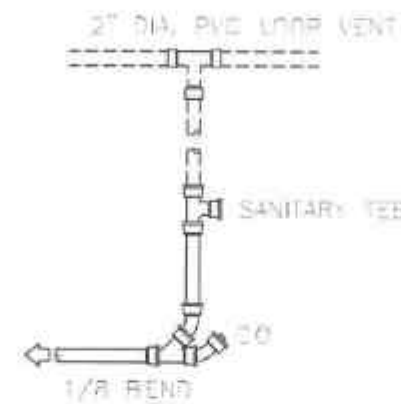
CERTIFICATION :

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

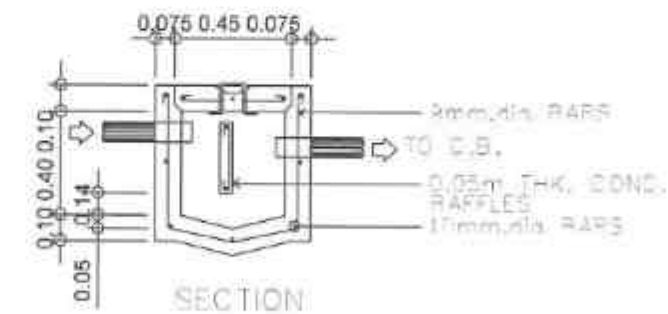
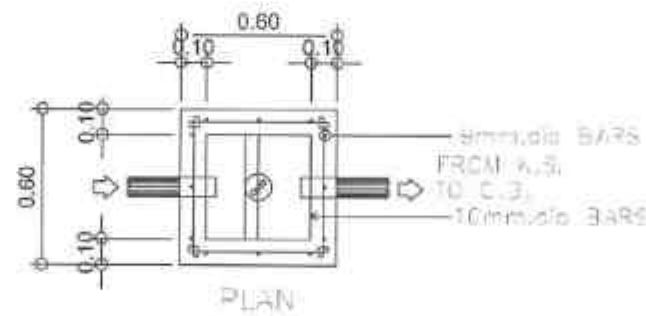
LEGEND :

LAV. LAVATORY
L.T. LAUNDRY TUB
B.T. BATH TUB
K.S. KITCHEN SINK
G.V. GATE VALVE
C.V. CHECK VALVE
D.S. DOWN SPOUT
C.O. CLEAN OUT
C.B. CATCH BASIN
S.V. SEPTIC VAULT
B.P. BOSTER PUMP

--- WATER LINE
--- WASTE/SOIL LINE
--- LOOP VENT LINE
--- PVC PIPE LINE
V.T.R. VENT THRU ROOF
VTW VENT THRU WALL
S.H. SHOWER HEAD
HB HOSE BIB
FAU FAUCET
F.D. FLOOR DRAIN
BTD BATH TUB DRAIN
H.B. HOSE BIBB



01 JOINT CONNECTION
P-5 SCALE NTS



02 CATCH BASIN DETAIL
P-5 SCALE 1:50 NTS

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
50000, SOUTHERN LEYTE

PROJECT NAME AND LOCATION:

EXPERIENCE AND SPECIAL SUPPORT PERSONNEL - BASE INFRASTRUCTURE
REGION VIII (SOUTHERN LEYTE) DIVISION OFFICE TO ADDRESS LOCAL NEEDS -
CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING
Subdivided into 10 lots, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm, 10000 sqm.

SHEET CONTENTS:

SPECIFICATIONS
JOINT CONNECTION
CATCH BASIN DETAIL

DRAFTED
ALEXANDER S. SANTIAGO
DATE
FEB 12 2025
PREPARED
JUNROMEC VILLOJO
DATE
FEB 12 2025

REVIEWED
JOSE A. BALAZAR
ENGINEER II
DATE
FEB 18 2025

SUBMITTED
RAINIER M. RUIZ
CHIEF PLANNING ENGINEER
DATE
FEB 18 2025

RECOMMENDED
EVELYN D. NAPI
ASSISTANT DISTRICT ENGINEER
DATE
FEB 19 2025

APPROVED
EDUARDO V. SANDOS
DISTRICT ENGINEER
DATE
FEB 19 2025

EST NO.:
SHEET NO.:
P
S
35
36