



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 SABANG, HINUNDAYAN, SOUTHERN LEYTE
10.359952°N , 125.255951°E

SUBMITTED:


RAINIER LOU C. RUIZ
CHIEF, PLANNING & DESIGN SECTION

DATE:

JAN 16 2025

RECOMMENDED:


EVELYN D. YAP
ASSISTANT DISTRICT ENGINEER

DATE:

JAN 23 2025

APPROVED:


EDUARDO V. SANTOS
DISTRICT ENGINEER

DATE:

JAN 23 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 SOCIAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING**

BARANGAY SABANG, HINUNDAYAN, SOUTHERN LEYTE
10.359952°N , 125.255951°E



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

SHEET CONTENTS

GENERAL COVER PAGE

DRAFTED:

HEAVY S. TORRES
ENGINEER
DATE
JAN 16 2025

REVIEWED:

JOSEPH BALTAR
ENGINEER II
DATE
JAN 16 2025

SUBMITTED:

RAINIER LOU C. RUIZ
CHIEF PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED:

EVELYN U. YAN
ASSISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED:

EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SET NO.

1

SHEET NO.

1



PERSPECTIVE

INDEX OF SHEETS

SHEET NO. 1	-	CONVERGENCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BIP) - BUILDING/ FACILITIES TO SUPPORT SOCIAL SERVICES CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING, BARANGAY SABANG, HINUNDAYAN, SOUTHERN LEYTE
SHEET NO. 2	-	PERSPECTIVE, INDEX OF SHEETS
SHEET NO. 3	-	LOCATION MAP
SHEET NO. 4	-	OTHER GENERAL REQUIREMENTS
SHEET NO. 5	-	SUMMARY OF QUANTITIES

ARCHITECTURAL

SHEET NO. 6	A1	SITE DEVELOPMENT PLAN
SHEET NO. 7	A2	FLOOR PLAN
SHEET NO.8	A3	ROOF PLAN
SHEET NO. 9	A4	FRONT ELEVATION, REAR ELEVATION
SHEET NO. 10	A5	RIGHT SIDE ELEVATION, LEFT SIDE ELEVATION
SHEET NO. 11	A6	LONGITUDINAL SECTION, CROSS SECTION
SHEET NO. 12	A7	BASKETBALL RING DETAILS
SHEET NO. 13	A8	BASKETBALL COURT MARKINGS
SHEET NO. 14	A9	PROJECT BILLBOARD

STRUCTURAL

SHEET NO. 15	S1	CONSTRUCTION GENERAL NOTES
SHEET NO. 16	S2	CONSTRUCTION GENERAL NOTES
SHEET NO. 17	S3	TYPICAL REINFORCEMENT DETAILS
SHEET NO. 18	S4	FOUNDATION PLAN
SHEET NO. 19	S5	SCHEDULE OF FOOTINGS, SCHEDULE OF COLUMN
SHEET NO. 20	S6	GRADE BEAM FRAMING PLAN
SHEET NO. 21	S7	ROOF BEAM FRAMING PLAN
SHEET NO. 22	S8	ROOF FRAMING PLAN
SHEET NO. 23	S9	TRUSS DETAIL
SHEET NO. 24	S10	SPOT DETAIL 01, SPOT DETAIL 02, SPOT DETAIL 03
SHEET NO. 25	S11	TR-1 DETAILS, TR-2 DETAILS

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



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 SABANG, HINUNDAYAN, SOUTHERN LEYTE

SHEET CONTENTS

PERSPECTIVE
INDEX OF SHEETS

DRAFTED

KEANYA L. ANDRADA
ARCHITECT
DATE
JAN 14 2025

REVIEWED

JOSE A. BALTAZAR
ENGINEER
DATE
JAN 16 2025

SUBMITTED

RAIMONDO C. RUIZ
CHIEF PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED

EVELYN D. YAN
ASSISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED

EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SET NO

1 1

SHEET NO

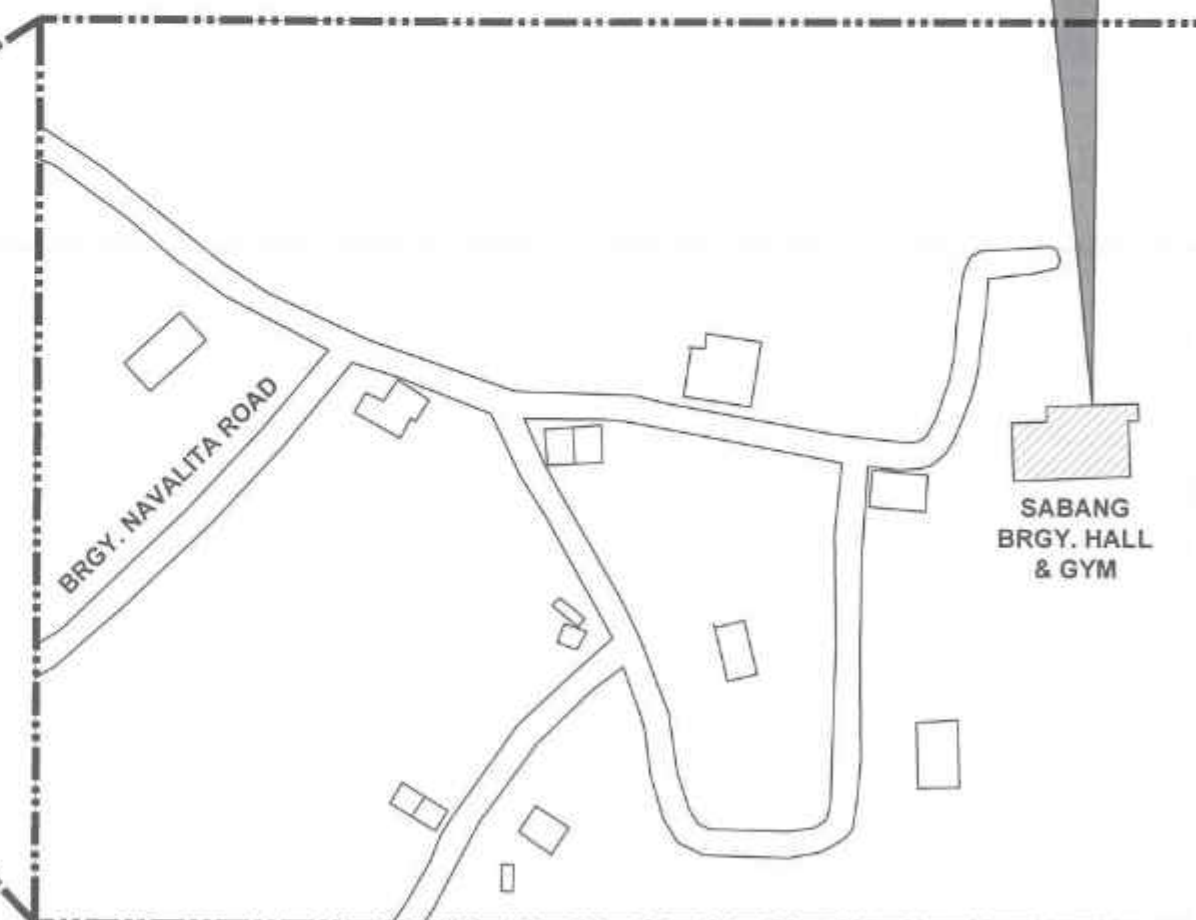
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CONVERGENCE AND SPECIAL SUPPORT PROGRAM -
BASIC INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE BUILDING/
FACILITIES TO SUPPORT SOCIAL SERVICES -
CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING
BARANGAY SABANG, HINUNDAYAN, SOUTHERN LEYTE
10.359952°N, 125.255951°E



SOUTHERN LEYTE MAP



SABANG BRGY. HALL & GYM

LOCATION MAP

LOCATION MAP

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE SOLO, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SHEET 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	LOCATION MAP	DATE	DATE	DATE	DATE	DATE	1	2
	SABANG BRGY. HINUNDAYAN, SOUTHERN LEYTE		DATE	DATE	DATE	DATE	DATE	1	2
			DATE	DATE	DATE	DATE	DATE	1	2

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 TARPAULIN 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 80000, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.
	CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (CIP) - RAMP (TARPAULIN) AND (S) FOR TO SUPPORT ADJACENT SERVICES - CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING	OTHER GENERAL REQUIREMENTS	PREPARED BY JUSROME C. VALERO ENGINEER	JOSE R. BALTAZAR ENGINEER II	RAMON LOU C. RUIZ CHIEF, DESIGN & DESIGN SECTION	EVELYN Y. YAP ASSISTANT DISTRICT ENGINEER	EDUARDO V. SANTOS DISTRICT ENGINEER	1	4
	DATE	DATE	DATE	DATE	DATE	DATE	DATE		
	JAN 16 2025	JAN 16 2025	JAN 16 2025	JAN 23 2025	JAN 23 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)	20.30	Cu.m.
804 (1)a	Embankment from Roadway/Structure Excavation (Common Soil)	15.50	Cu.m.
804 (7)	Gravel Fill	3.00	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)	20.10	Cu.m.
901 (1)	Lean Concrete	1.40	Cu.m.
902 (1)a1	Reinforcing Steel (Deformed), Grade 40	3711.00	Kg.
903 (2)	Formworks and Falseworks	82.00	Sq.m
PART E	FINISHING & OTHER CIVIL WORKS - Blue Book Vol. III, Part III, Division II - Buildings		
	Corrugated Roofing		
1013 (2)a	Fabricated Metal Roofing Accessory gauge 26, Ridge/Hip Rolls	12.00	Ln.m
	Prepainted Metal Sheets		
1014(1)a2	Prepainted Metal Sheets, above 0.427 mm, Corrugated Type, Long Span	216.00	Sq.m
	Painting, Varnishing and Other Related Works		
1032 (1)c	Painting Works Steel	347.00	Sq.m.
	Metal Structure		
1047 (8)a	Structural Steel, Trusses	3010.00	Kgs.
1047 (8)b	Structural Steel, Purlins	1890.00	Kgs.
1047 (5)b	Metal Structure Accessories, Sagrods	35.00	Kgs.
1047 (4)a	Metal Structure Accessories,Bolts and Rods	16.00	Each
1047 (4)b	Metal Structure Accessories, Turnbuckle	16.00	Each
1047 (5)c	Metal Structure Accessories, Cross Bracing	268.00	Kgs.
1047 (5)d	Metal Structure Accessories, Steel Plates	321.40	Kgs.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
(REGION VII)
**SOUTHERN LEYTE 2nd DISTRICT
ENGINEERING OFFICE**
BOGOD, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
GOVERNANCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM (BSP) - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL
SERVICES - SUB-PROJECT COMPLETION OF MULTIPURPOSE BUILDING
SOUTHERN LEYTE PROVINCE SOUTHERN LEYTE

SHEET CONTENTS
SUMMARY OF QUANTITIES

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DATE
PREPARED
DATE
JAN 15 2025

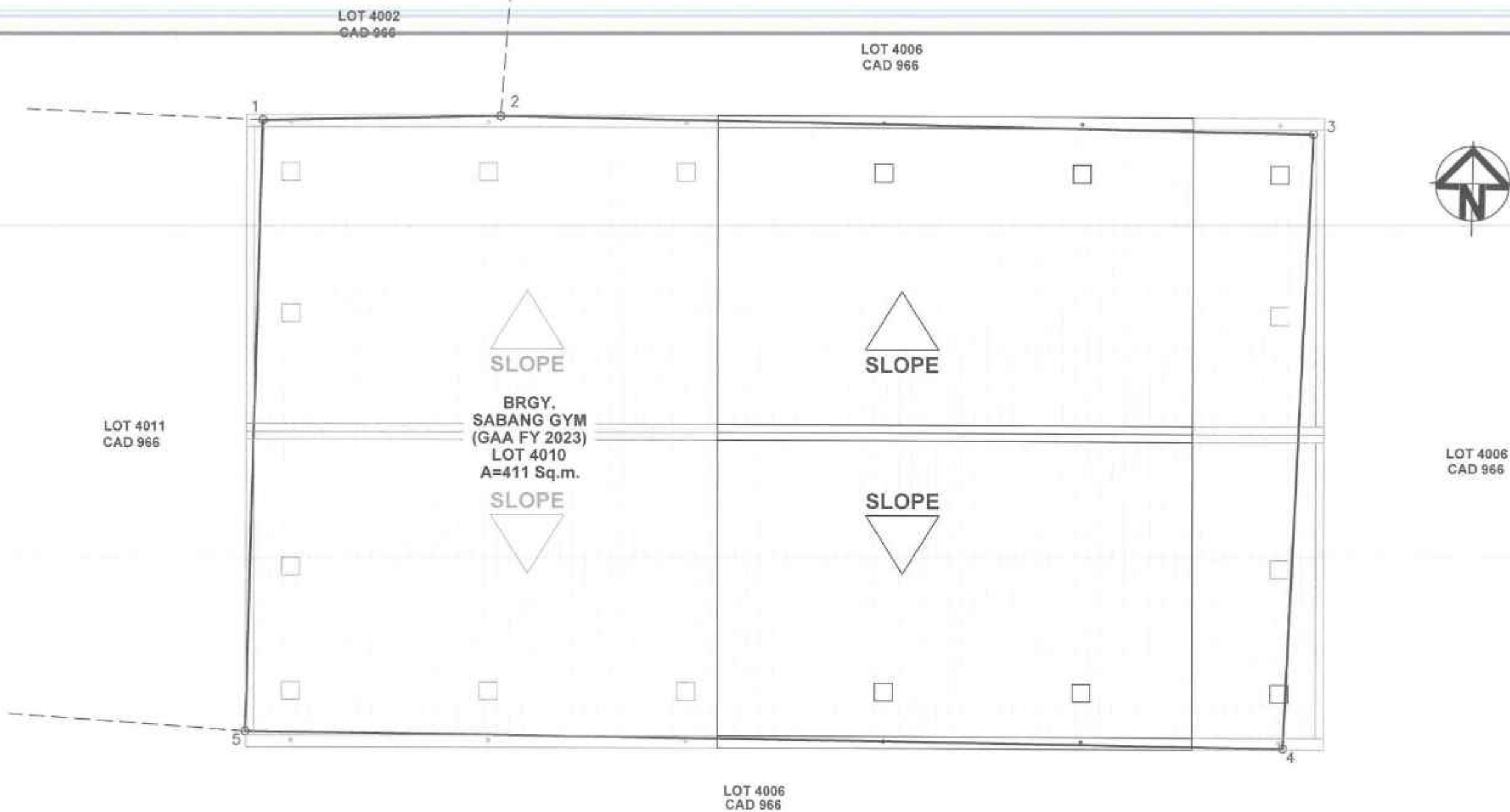
REVIEWED
DATE
JAN 18 2025

SUBMITTED
DATE
JAN 16 2025

RECOMMENDED
DATE
JAN 23 2025

APPROVED
DATE
JAN 23 2025

SET NO.
SHEET NO.
1 1
8 25



01 SITE DEVELOPMENT PLAN
A-1 SCALE 1:5000

TECHNICAL DESCRIPTIONS			
LINES	BEARINGS	DISTANCES	
LOT 4010, A=411 Sq.m.			
1 2	N 88°57' E	6.02 m.	
2 3	S 88°56' E	20.54 m.	
3 4	S 02°46' W	15.54 m.	
4 5	N 89°13' W	26.24 m.	
5 1	N 01°36' E	15.44 m.	

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VIII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE 5000C SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.	
	CONSIDERED AND SPECIAL SUPPORT PROVIDED - BASED ON THE FOLLOWING: REMARKS: 200 - 400 METER RADIUS RADIUS TO SUPPORT LOCAL SCHOOL - CONSTRUCTION (COMPLETION OF 200 METER RADIUS)	SITE DEVELOPMENT PLAN	DATE	DATE	DATE	DATE	DATE	DATE	1	25
	REMARKS: 200 - 400 METER RADIUS RADIUS TO SUPPORT LOCAL SCHOOL - CONSTRUCTION (COMPLETION OF 200 METER RADIUS)		DATE	DATE	DATE	DATE	DATE			
			DATE	DATE	DATE	DATE	DATE			
			DATE	DATE	DATE	DATE	DATE			



01
A-2
SCALE 1:1000
FLOOR PLAN



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
**SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE**
5000D SOUTHERN LEYTE

PROJECT NAME AND LOCATION
IMPROVEMENTS AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
REPAIR AND MAINTENANCE (BIPAM) - MULTI-PURPOSE BUILDINGS FACILITIES TO SUPPORT SOCIAL
SERVICES - CONSTRUCTION (COMPLETION OF MULTI-PURPOSE BUILDING)
BARANGAY HALL (GAA FY 2023) SOUTHERN LEYTE

SHEET CONTENTS
FLOOR PLAN

DRAFTED
HEAVY B. ENDERA
DATE
JAN 16 2025
JAN 18 2025

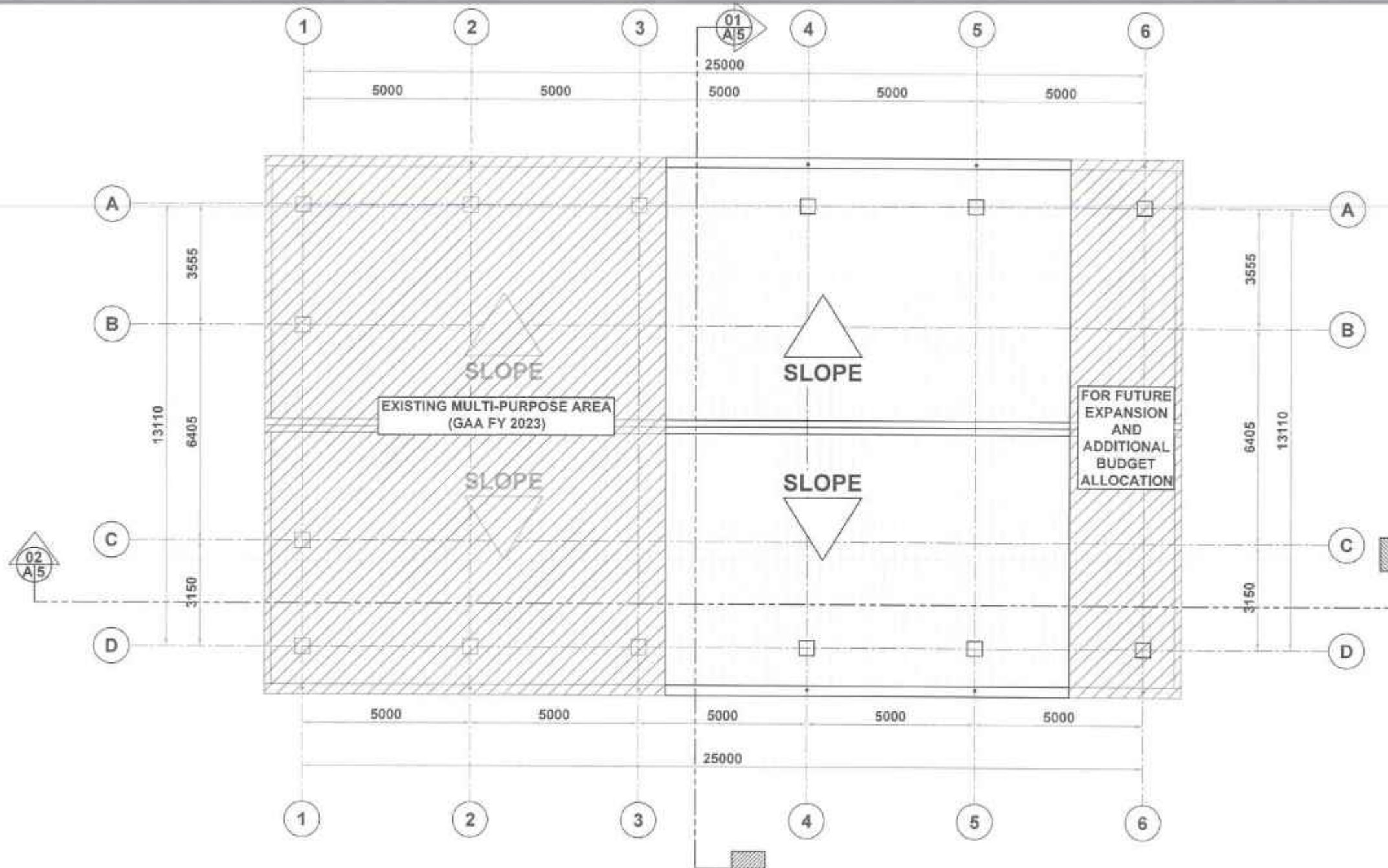
REVISED
JOSE A. BALTAZAR
DATE
JAN 16 2025

SUBMITTED
RAHMAH C. C. NUST
DATE
JAN 16 2025

RECOMMENDED
EVELYN D. YAN
DATE
JAN 23 2025

APPROVED
EDUARDO V. SANTOS
DATE
JAN 23 2025

SEC NO	SHEET NO.
A	7
2	25



01 ROOF PLAN
SCALE 1:100mm



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VIII
SOUTHERN LEYTE 2nd DISTRICT
ENGINEERING OFFICE
35003, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONSTRUCTION AND REPAIR SUPPORT PROGRAM - RAMP INFRASTRUCTURE
PROGRAM (RIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT DAILY
SERVICES - CONSTRUCTION/REPAIR/MAINTENANCE OF MULTI-PURPOSE BUILDING
BID NUMBER: 35003-2025-SOUTHERN LEYTE

SHEET CONTENTS
ROOF PLAN

DRAFTED
DATE
PREPARED
DATE
JAN 16 2025

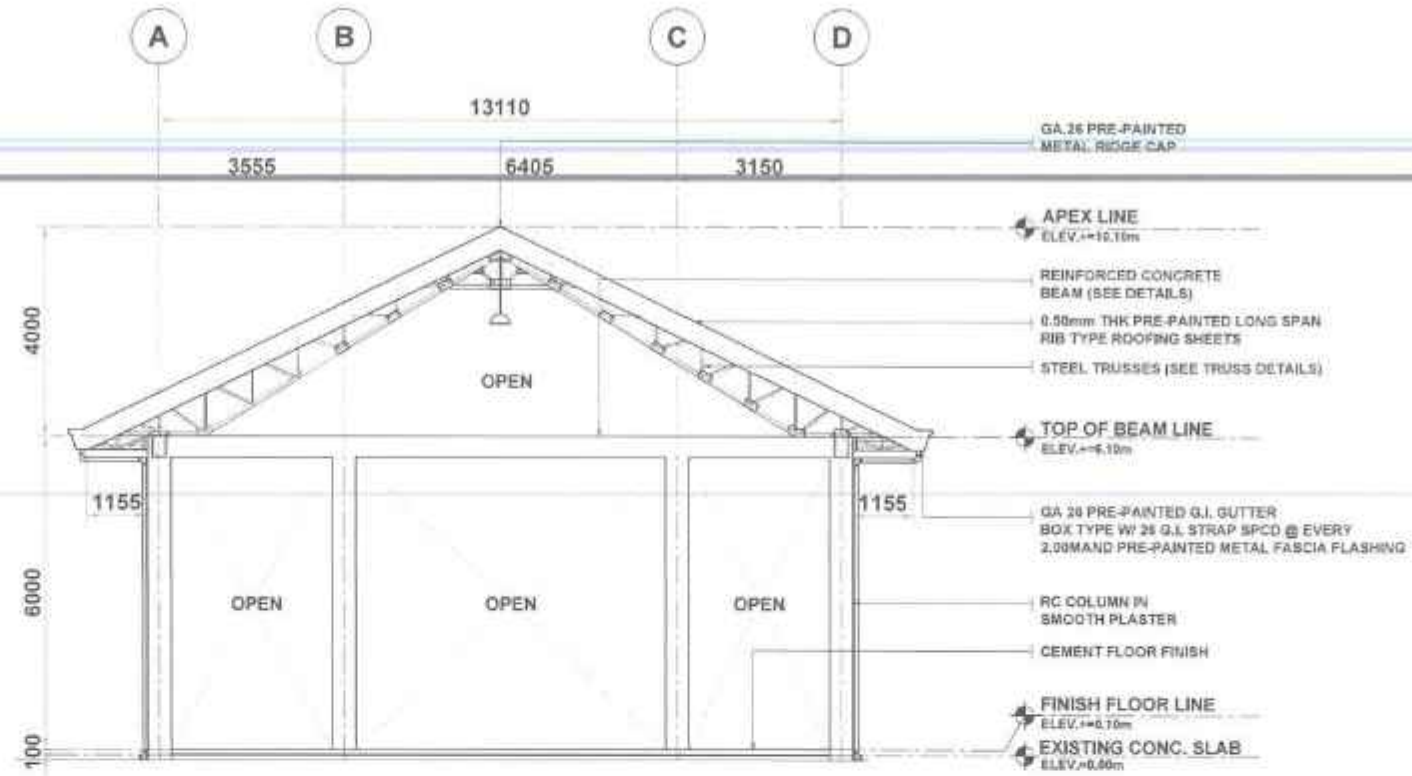
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SUBMITTED
DATE
JAN 16 2025

RECOMMENDED
DATE
JAN 23 2025

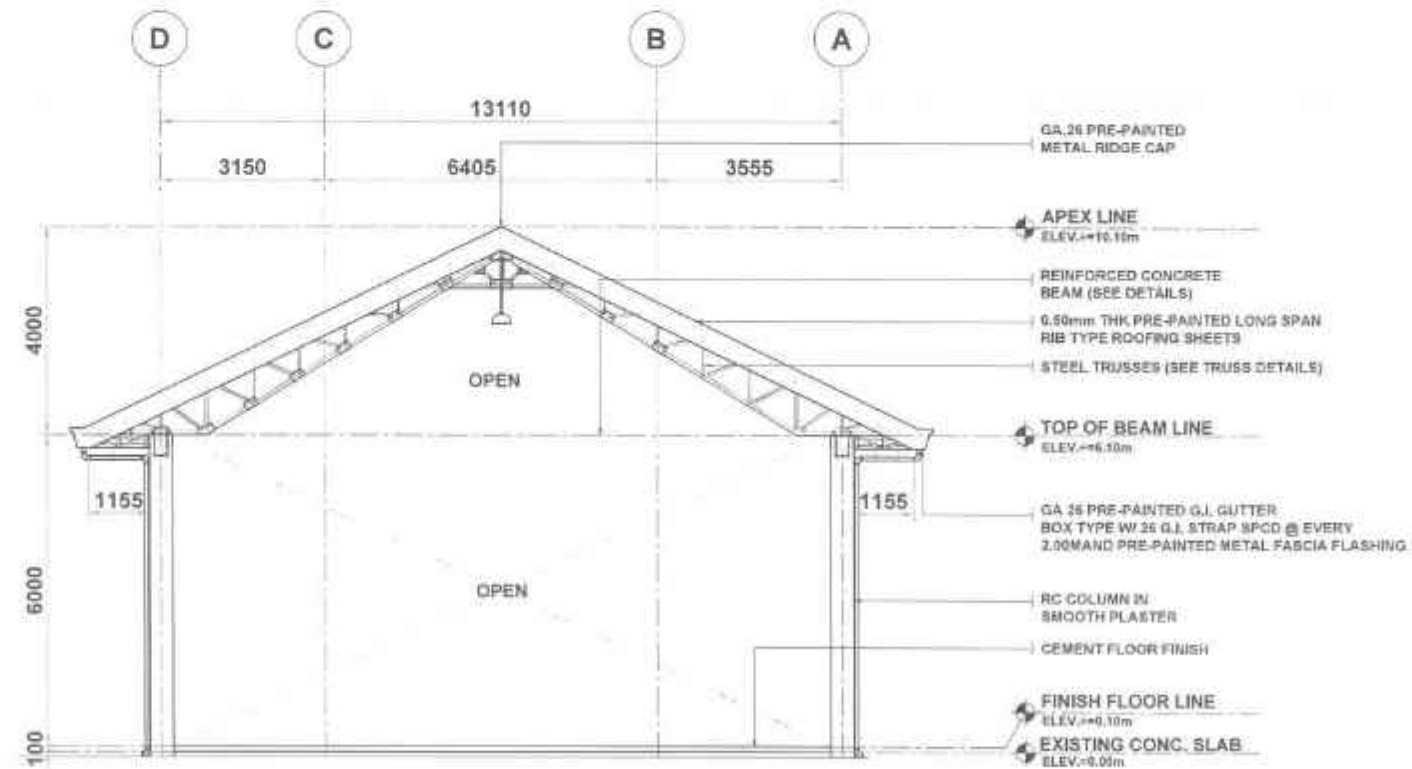
APPROVED
DATE
JAN 23 2025

REV NO
SHEET NO
A
25



01
A-4
SCALE 1:100mm

FRONT ELEVATION



02
A-4
SCALE 1:100mm

REAR ELEVATION



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
83000 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE
SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE
SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE

SHEET CONTENTS
FRONT ELEVATION
REAR ELEVATION

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JAN 16 2025
JAN 16 2025

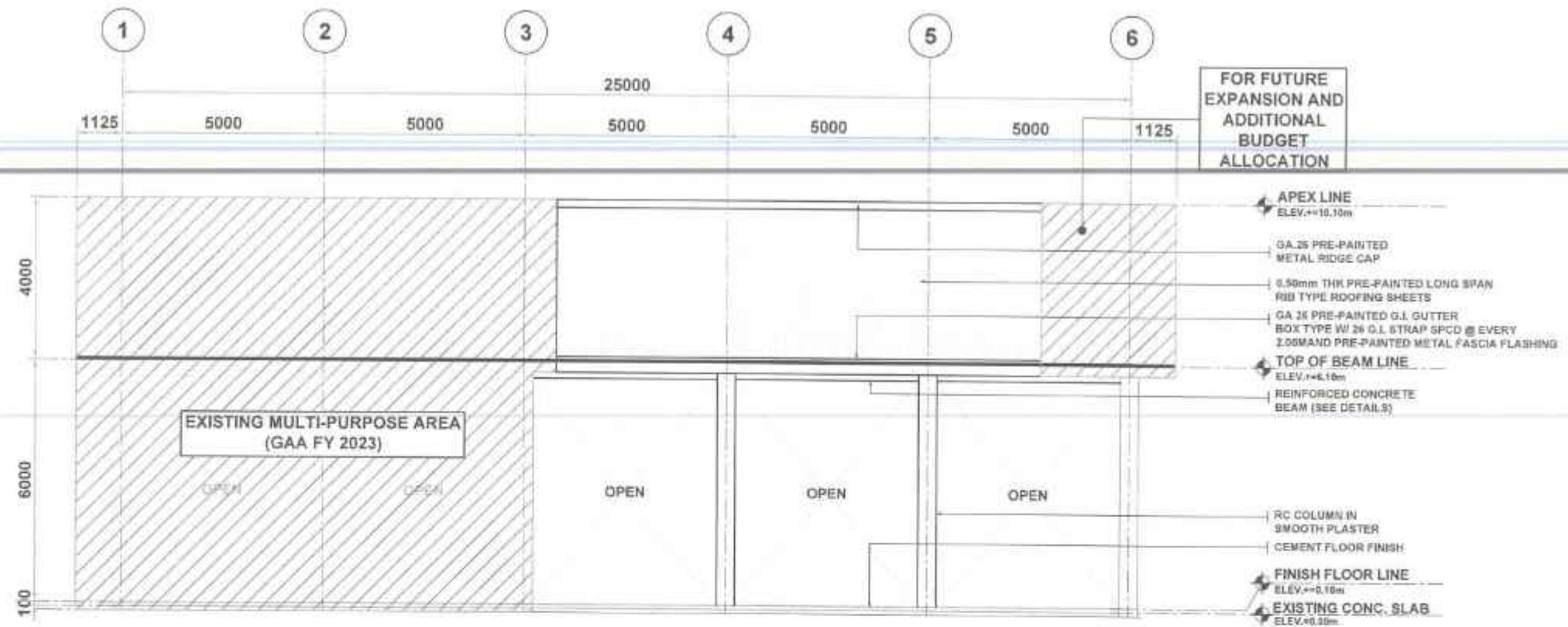
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JAN 16 2025
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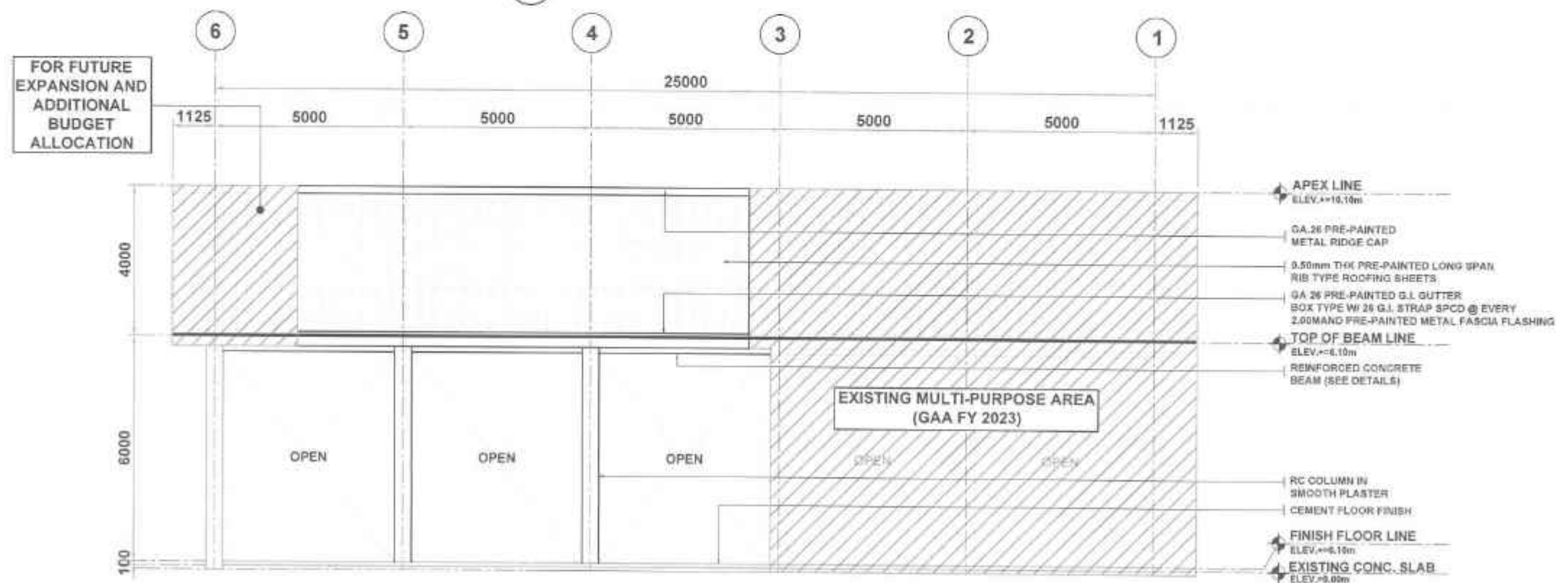
RECOMMENDED
JAN 23 2025
JAN 23 2025

APPROVED
JAN 23 2025
JAN 23 2025

SET NO. 4
SHEET NO. 25



01 RIGHT SIDE ELEVATION
A-S SCALE 1:1000



02 LEFT SIDE ELEVATION
A-S SCALE 1:1000



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
(REGION VII)
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
60000 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONSTRUCTION AND SPECIAL SUPPLY PROGRAM - BASE INFRASTRUCTURE PROGRAM (CITY-MULTI-PURPOSE BUILDING PROJECTS TO SUPPORT SOCIAL SERVICES) - CONSTRUCTION/COMPLETION OF MULTI-PURPOSE BUILDING
BARANGAY ORIGIN: CALUBOGAN, SOUTHERN LEYTE

SHEET CONTENTS
RIGHT SIDE ELEVATION
LEFT SIDE ELEVATION

DRAFTED
HEAVY D. CRUZ
DATE PREPARED
JUNROME C. VILLARIN
DATE
JAN 16 2025

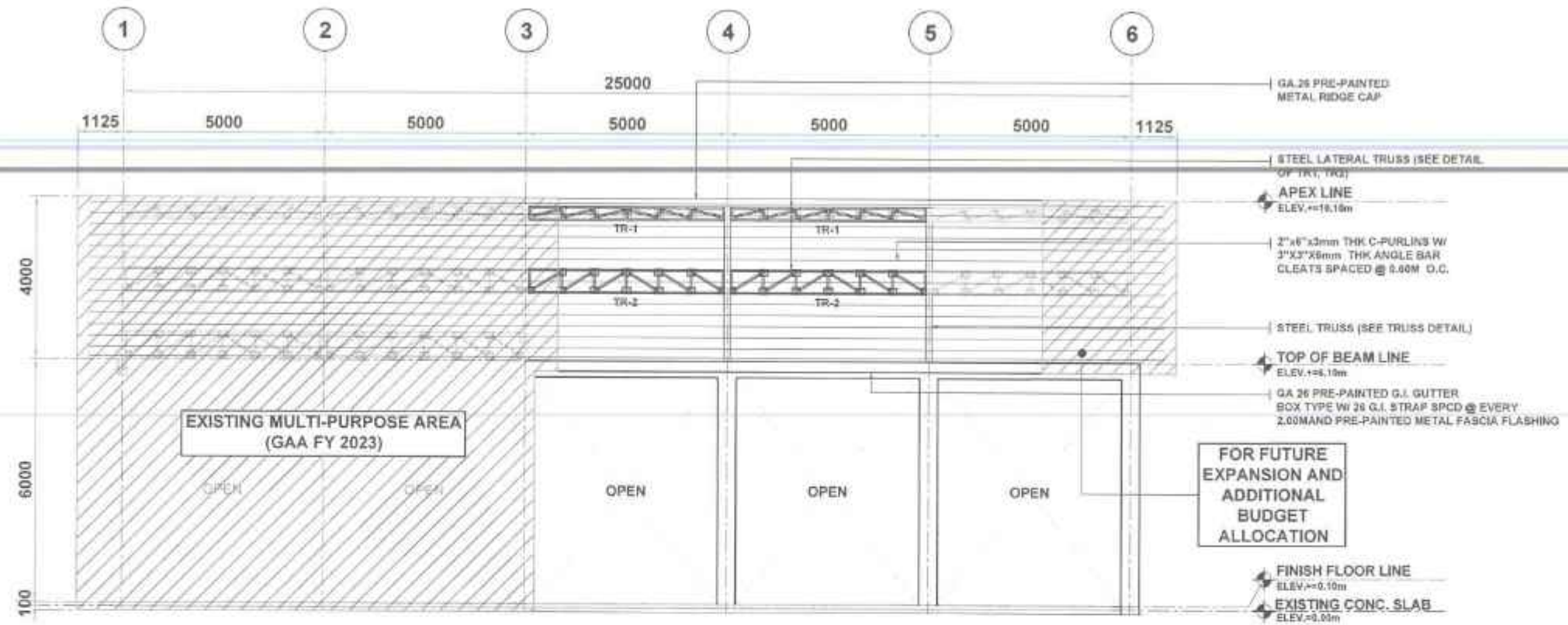
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JOSE B. BANTAYAN
DATE
JAN 16 2025

SUBMITTED
RAINIER SOLI G. RUDE
DATE
JAN 16 2025

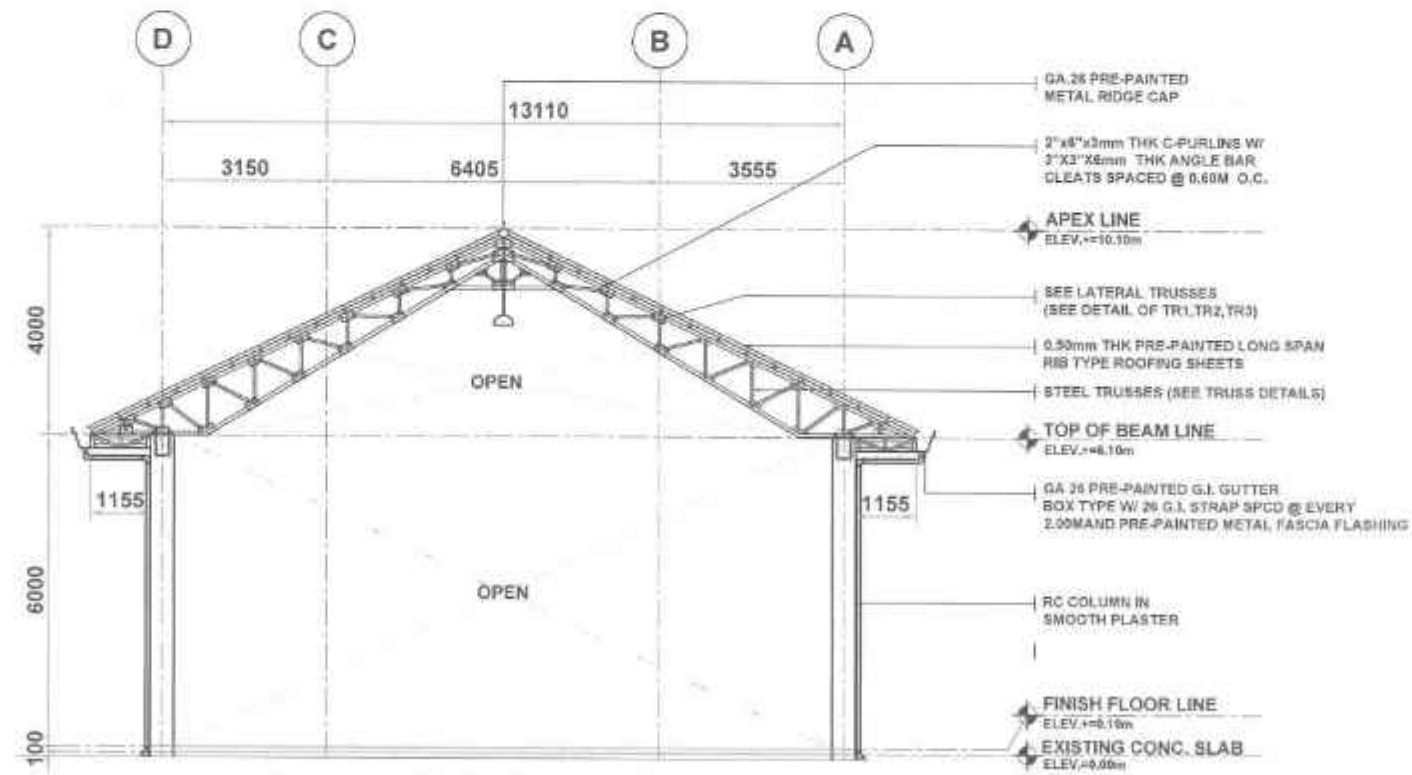
RECOMMENDED
EDUARDO V. SANTOS
DATE
JAN 23 2025

APPROVED
EDUARDO V. SANTOS
DATE
JAN 23 2025

SET NO.
A
SHEET NO.
10
28



01 LONGITUDINAL SECTION
A-6 SCALE 1:100



02 CROSS SECTION
A-6 SCALE 1:100



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
CONVERSION AND REPAIR PROGRAM - BASE INFRASTRUCTURE
PROGRAM (CRP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT LOCAL
SERVICES - CONSTRUCTION COMPLETION OF MULTI-PURPOSE BUILDING
SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE

LONGITUDINAL SECTION
CROSS SECTION

DRAFTED
DATE
PREPARED
DATE

KEVIN B. SERRA
JAN 16 2025
JUNOR C. VILLARIN
JAN 16 2025

REVIEWED
DATE

ROSE A. BARTALAN
JAN 16 2025

SUBMITTED
DATE

RAINER C. RUIZ
JAN 16 2025

RECOMMENDED
DATE

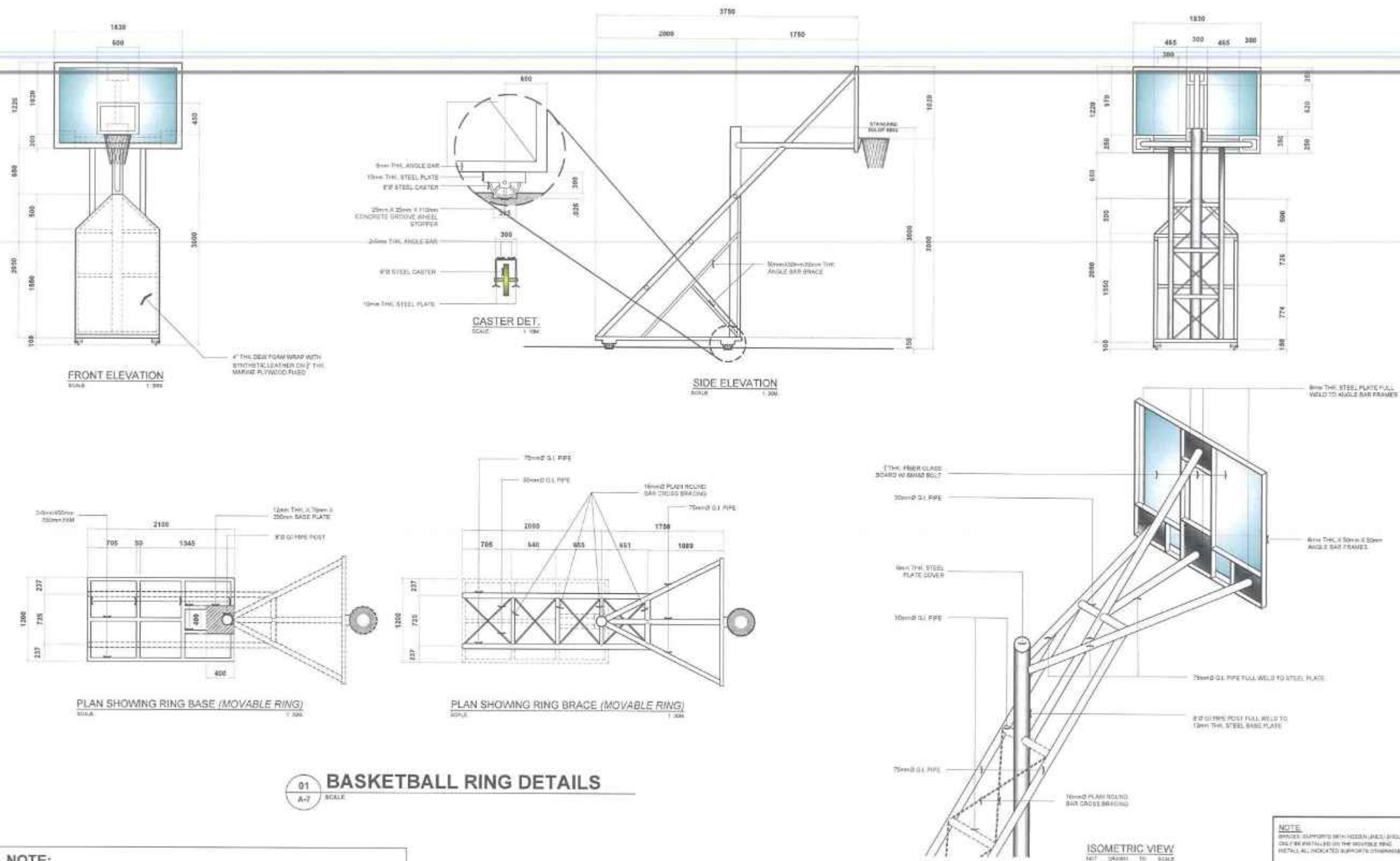
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JAN 23 2025

APPROVED
DATE

EDUARDO V. SANTOS
JAN 23 2025

SET NO
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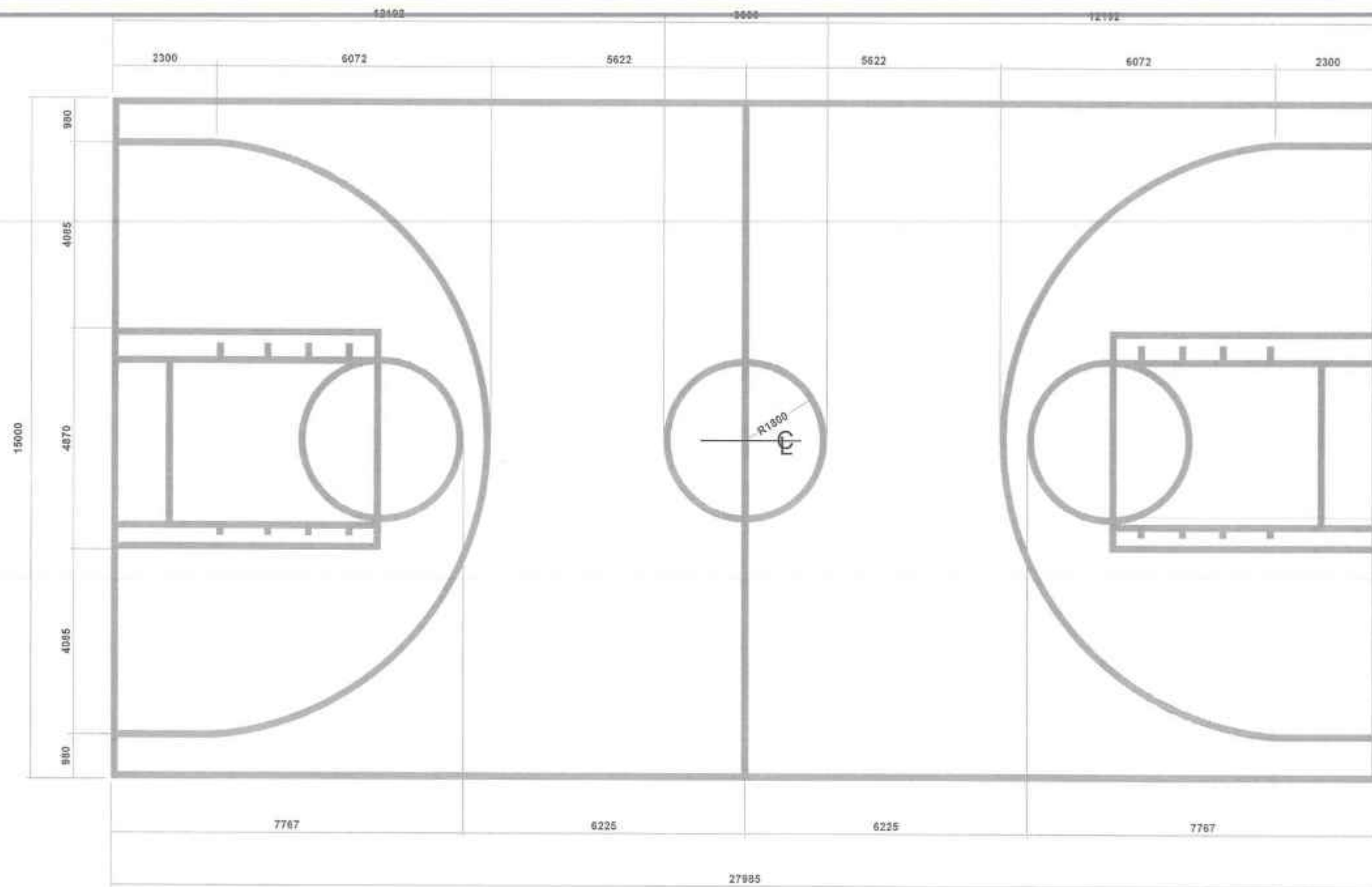
SHEET NO
11
25



01 BASKETBALL RING DETAILS

NOTE:
THIS SCOPE OF PLAN IS DESIGNED FOR FUTURE EXPANSION AND ADDITIONAL BUDGET ALLOCATION.

 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 CONVERSION AND SPECIAL SUPPORT PROGRAM - BASE INFRASTRUCTURE PROGRAM (CIP) - BASE SUPPORT BUILDING FACILITY TO SUPPORT LOCAL SERVICES - CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING Suburban Highway - Suburban Highway (SHW)	SHEET CONTENTS BASKETBALL RING DETAILS	DRAFTED DATE PREPARED DATE REVIEWED DATE SUBMITTED DATE RECOMMENDED DATE APPROVED DATE	REVIEWED DATE SUBMITTED DATE RECOMMENDED DATE APPROVED DATE	REVIEWED DATE SUBMITTED DATE RECOMMENDED DATE APPROVED DATE	REVIEWED DATE SUBMITTED DATE RECOMMENDED DATE APPROVED DATE	REVIEWED DATE SUBMITTED DATE RECOMMENDED DATE APPROVED DATE	SET NO SHEET NO
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NOTE:
THIS SCOPE OF PLAN IS DESIGNED FOR FUTURE
EXPANSION AND ADDITIONAL BUDGET ALLOCATION.

01 BASKETBALL COURT MARKINGS
SCALE 1:75mm



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

PROJECT NAME AND LOCATION
CONSTRUCTION AND SPECIAL SUPPORT PROGRAM-BASIC INFRASTRUCTURE
PROGRAM (CSP)-MULTIPURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL
ACTIVITIES -CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING
SOUTHERN LEYTE MUNICIPALITY, SOUTHERN LEYTE

SHEET CONTENTS
BASKETBALL COURT MARKINGS

DRAFTED
DATE
PREPARED
DATE
JUNBOME C. VILA BJO
JAN 16 2025

REVIEWED
DATE
JOSE A. BATAZAR
JAN 16 2025

SUBMITTED
DATE
DOMINICO X. RUIZ
JAN 16 2025

RECOMMENDED
DATE
EVE M. D. ZAP
JAN 23 2025

APPROVED
DATE
EDUARDO V. SANTOS
JAN 23 2025

SET NO.	SHEET NO.
A	13
8	25





**Government Center Building, Palu,
Layla**

Project _____ Date _____

Location _____ Fund Source(s) _____

Implementing Agency(ies) _____

Development Partner(s) _____

Contract/Supplier _____

Brief Description of Project _____

Project Details:

Project Data		Project Status				Remarks
Duration	Started Target Date of Completion	Percentage of Completion	As of (Date)	Cost Incurred to Date	Date Completed	

For particulars or complaints about this project, please contact the Regional Office or Cluster which has jurisdiction on this project:

CUA Regional Office No./Cluster: _____

Address: _____

Contact No: _____ or Text CUA Cluster's Desk at 0815-5397032

[illegible]

THIS IS WHERE YOUR TAXES GO

NAME OF PROJECT:
LOCATION:
NAME OF CONTRACTOR:
DATE STARTED:
CONTRACT COMPLETION DATE:
CONTRACT COST:
IMPLEMENTING OFFICE:
SOURCE OF FUND:

Department of Public Works and Highways
1000 16th Street, NW, Suite 1000, Washington, DC 20036

DPWH STANDARD PROJECT BILLBOARD

8"	
	
NOTICE TO THE PUBLIC	
This is to inform that <u>(name of proponent)</u> has been issued with Certificate of Non-Coverage (CNC) No. _____ by the DENR-Environmental Management Bureau R8 for the <u>(name of project)</u> Located at <u>(project location)</u>. Issued on _____.	

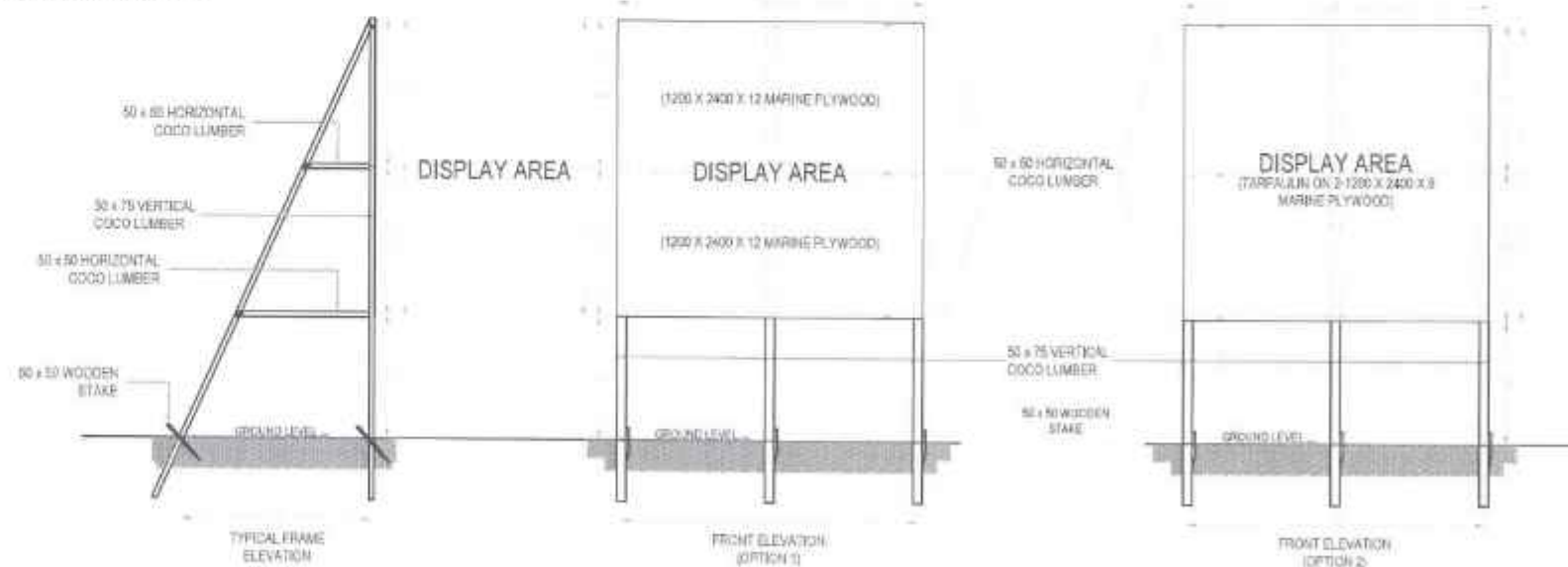
NOTE: CNC BILLBOARD (4' x 8')

NOTE: INSTALLATION OF BILLBOARD SHALL CONFORM WITH DEPARTMENT ORDER NO. 11, SERIES OF 2022 REVISED GUIDELINE ON THE INSTALLATION PROJECT BILL BOARD.

SPECIFICATIONS :

Tarpaulin, white, 8 ft x 8 ft
Resolution : 70 dpi
Font : Helvetica
Font size : Main Information - 3"
Sub-Information - 1"
Font Color : Black

COA STANDARD PROJECT BILLBOARD



BILLBOARD FRAME

NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETERS

 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	SHEET CONTENTS	DRAFTED	REVIEWED	QUARTETED	RECOMMENDED	APPROVED	BY NO.	SHEET NO.
	OPERATION AND SPECIAL SUPPORT PROGRAM - BASE INFRASTRUCTURE PROGRAM (BIP) - MULTI-PURPOSE RAILROAD FACILITY TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE RAILROAD PROPOSED STATION: KINABUKAN, SOUTHERN LEYTE	PROJECT BILLBOARD	DRAWN BY: KEANYA S. ANDERSON CHECKED BY: JONAS S. ANDERSON DATE: JAN 16 2025 DESIGNED BY: JONAS S. ANDERSON CHECKED BY: JONAS S. ANDERSON DATE: JAN 16 2025 DRAWN BY: JONAS S. ANDERSON CHECKED BY: JONAS S. ANDERSON DATE: JAN 16 2025	QUARTETED BY: RAFAEL C. SUZ CHECKED BY: RAFAEL C. SUZ DATE: JAN 16 2025	RECOMMENDED BY: EVELYN A. YANOS CHECKED BY: EVELYN A. YANOS DATE: JAN 23 2025	APPROVED BY: EDUARDO V. YANOS CHECKED BY: EDUARDO V. YANOS DATE: JAN 23 2025	BY NO. 80	SHEET NO. 14 OF 25	

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 2ND DISTRICT
ENGINEERING OFFICE
5000 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
SUBSISTENCE AND SPECIAL SUPPLY PROGRAM- BASE INFRASTRUCTURE
PROGRAM (SPT)- MULTIPURPOSE BUILDING & EQUIPMENT TO SUPPORT SOCIAL
SERVICES - CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING
SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE

SHEET CONTENTS
CONSTRUCTION GENERAL NOTES

DRAFTED
ALFREDINO C. BEAS JR.
DATE
JAN 16 2025
PREPARED
JENROMIL C. VILLERO
DATE
JAN 16 2025

REVIEWED
JOSUE B. ALARCON
DATE
JAN 16 2025

SUBMITTED
RAIMON C. BUST
CHIEF, PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED
EVELYN Y. YER
ASSISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SHEET NO.
6
15
25

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.

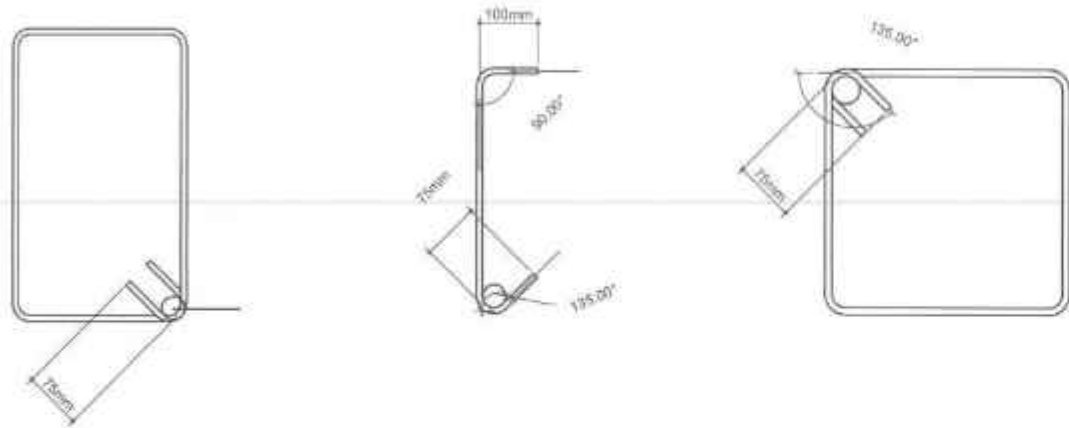
1. SLAB CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH ATLEAST $f_c = 3500 \text{ psi} / 24 \text{ Mpa}$.
2. SLAB REINFORCEMENT SHALL BE GRADE 40 or $f_y = 40\,000 \text{ psi} / 275 \text{ Mpa}$.
3. SLAB CONCRETE SHALL BE POURED MONOLITHICALLY WITH THE SUPPORTING BEAMS. NO COLD JOINTS ALLOWED.
4. 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.

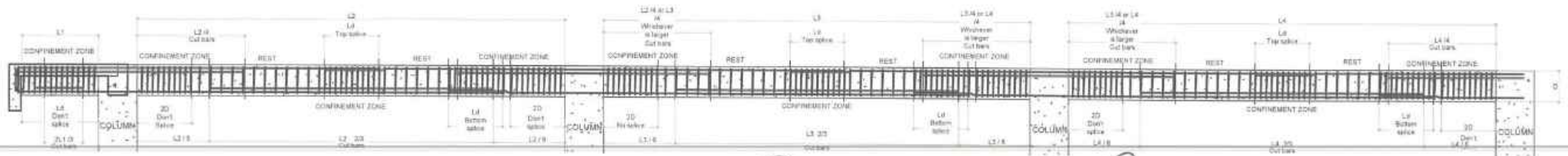
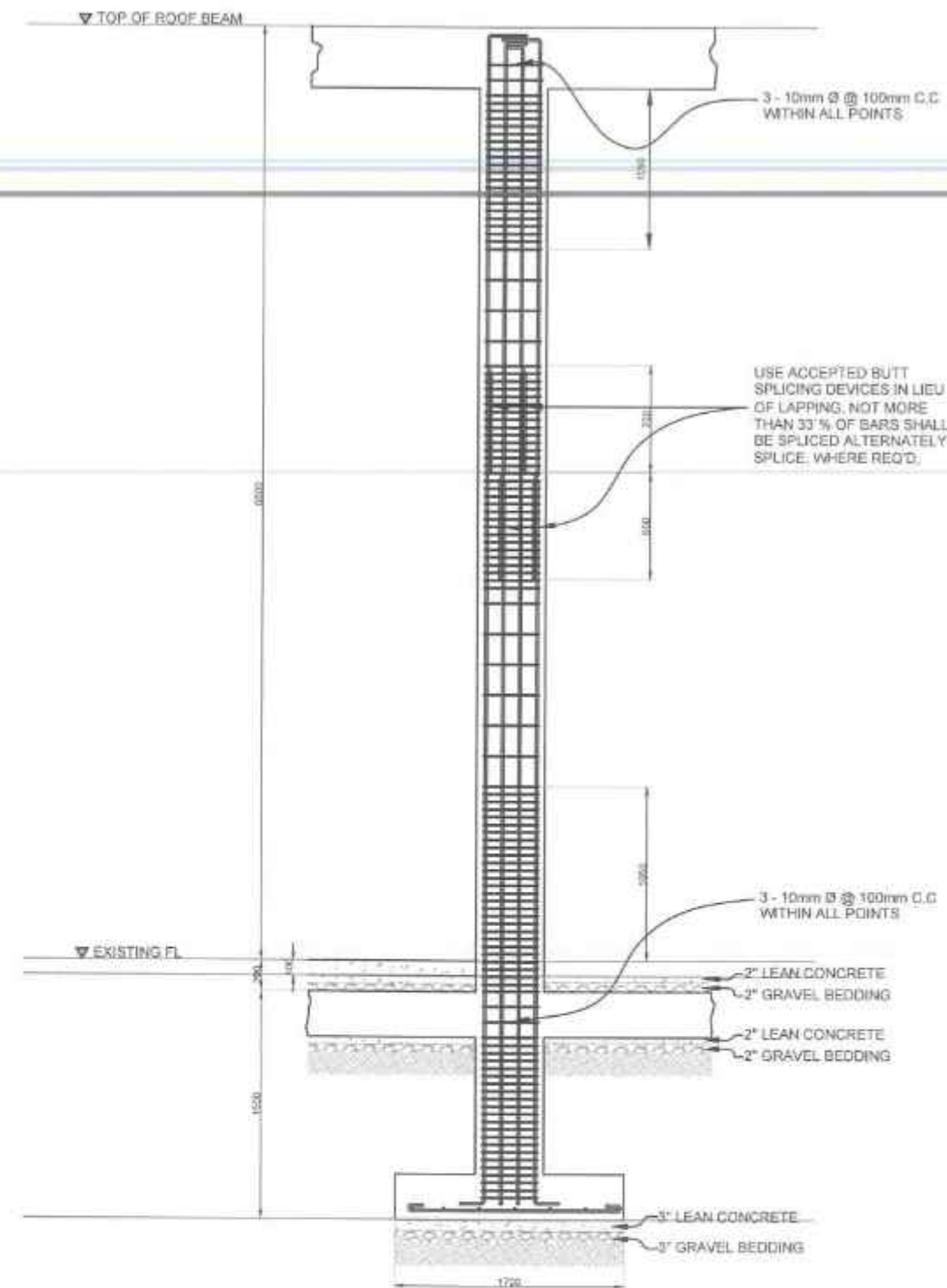
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2 ND DISTRICT ENGINEERING OFFICE BODOR, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SET NO.	SHEET NO.
	CONSTRUCTION AND SPECIAL SUPPORT PROGRAM - SAUD INFRASTRUCTURE PROJECTS (RPL) - MULTIPURPOSE FLOODING FACILITIES TO SUPPORT LOCAL AGRICULTURE AND TOURISM PROJECTS OF ALLIANCE SOUTHERN LEYTE	CONSTRUCTION GENERAL NOTES	DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 23 2025</u>	DATE: <u>JAN 23 2025</u>	5	18
			PREPARED	ENGINEER	CHIEF PLANNING & DESIGN SECTION	ASSISTANT DISTRICT ENGINEER	DISTRICT ENGINEER	2	11
			DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 16 2025</u>	DATE: <u>JAN 23 2025</u>	DATE: <u>JAN 23 2025</u>		25

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

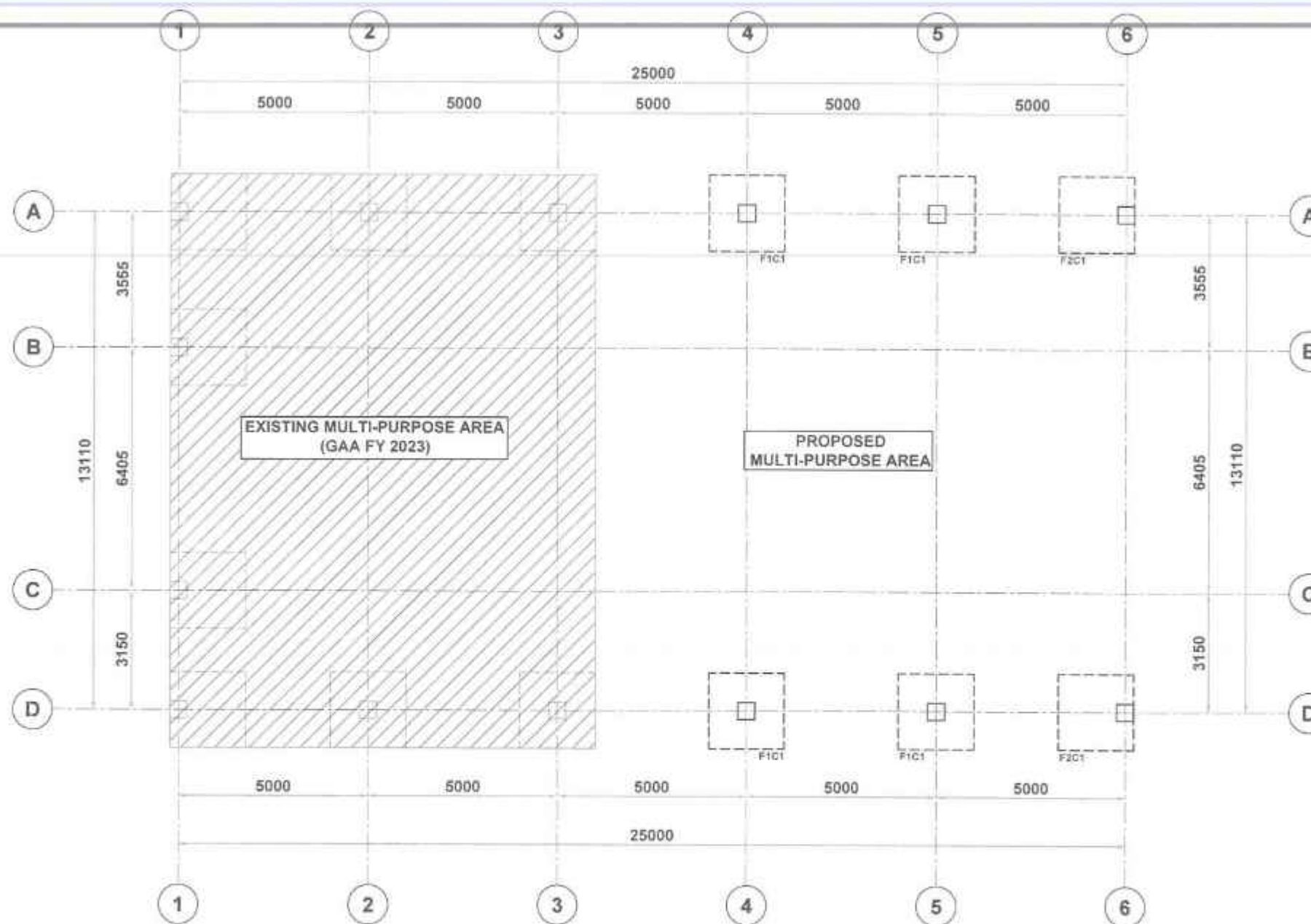


BAR DIAMETER	MINIMUM INSIDE BEND DIAMETER	HOOK LENGTH	SPLICE LENGTH
10mm	60mm	160mm	300mm
12mm	72mm	192mm	400mm
16mm	96mm	256mm	700mm
20mm	120mm	320mm	900mm

D = Beam Depth
 $2D = 2 \times \text{Beam Depth}$
 2D distance from the Face of Column
 (Confinement Zone at Supports)
 SEE STIRRUP SPACING AT SCHEDULE OF BEAMS



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	SHEET CONTENTS	DRAFTED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	RETRD	SHEET NO
	UNIVERSITY AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (SUPP)-MULTIPURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL SERVICES - CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING SANAGAY BRIDGE REHABILITATION SOUTHERN LEYTE	TYPICAL REINFORCEMENT DETAILS	DRAWN BY: <u>ALLAN JOSE S. STANG JR.</u> CHECKED BY: <u>JAN ROMEL C. NILE JO</u> DATE: <u>JAN 28 2025</u>	REVIEWED BY: <u>JOSE S. BANGSARAN</u> DATE: <u>JAN 28 2025</u>	SUBMITTED BY: <u>RAINER LOU C. NUZ</u> DATE: <u>JAN 26 2025</u>	RECOMMENDED BY: <u>EVELYN D. TAP</u> DATE: <u>JAN 23 2025</u>	APPROVED BY: <u>EDUARDO V. SANTOS</u> DATE: <u>JAN 23 2025</u>	5 3 11	17 25



01 FOUNDATION PLAN
SCALE 1:1000



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
CONFORMANCE AND SPECIAL SUPPORT PROGRAM- BASE INFRASTRUCTURE
PROGRAM (CIP)- MULTI-PURPOSE BUILDING- FACILITIES TO SUPPORT LOCAL
SERVICES- CONSTRUCTION (COMPLETION OF MULTI-PURPOSE BUILDING)
BODOLLA BARANGAY, SOUTHERN LEYTE

FOUNDATION PLAN

DRAFTED
ALFONSO S. BUSTANG JR.
DATE
JAN 18 2025
PREPARED
JUNRONE C. VALLEJO
ENGINEER
DATE
JAN 18 2025

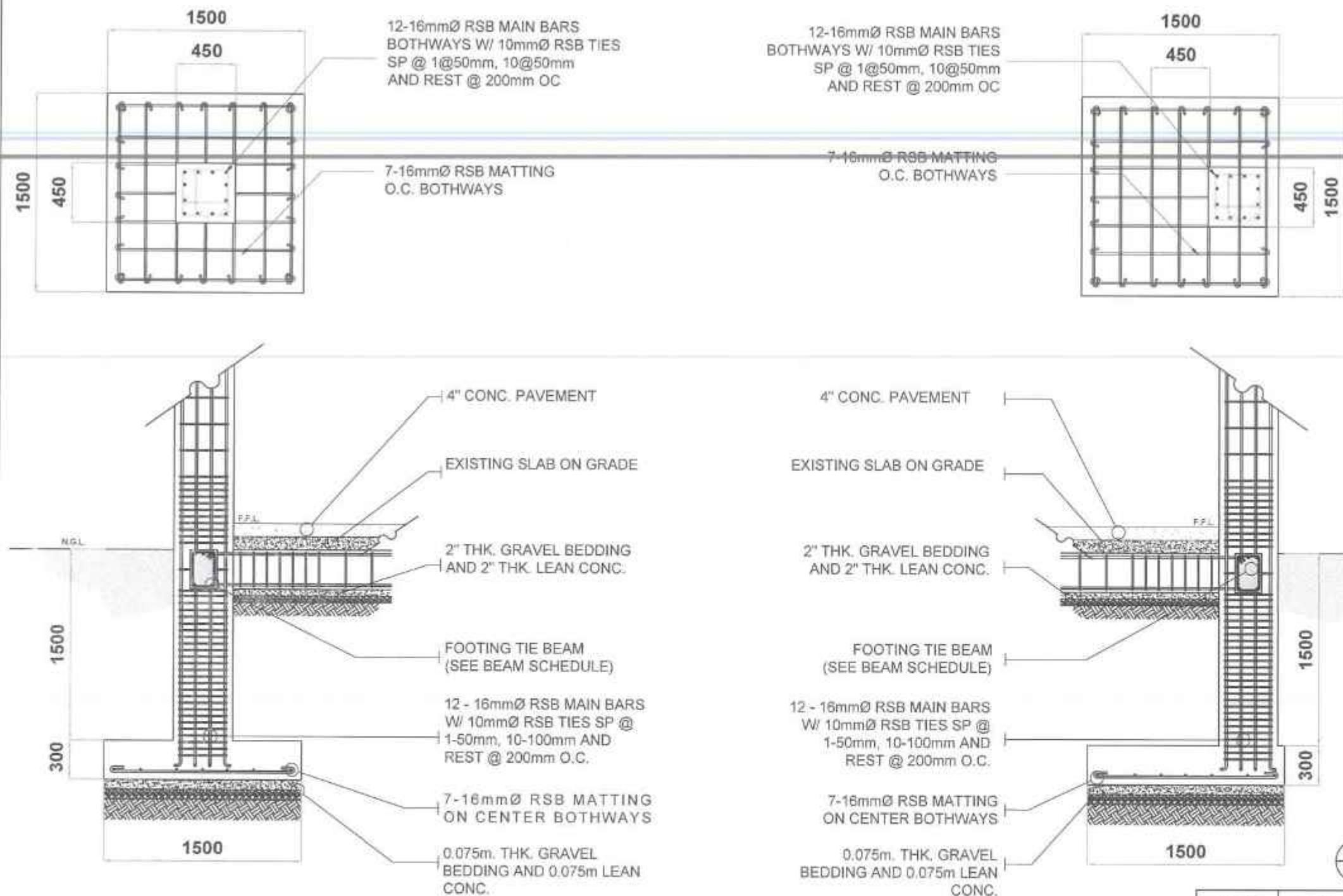
REVIEWED
JOSE B. BALTAZAR
ENGINEER II
DATE
JAN 18 2025

SUBMITTED
RAMIEL LOU C. RUIZ
CHIEF PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED
EVELYN D. LAP
ASISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

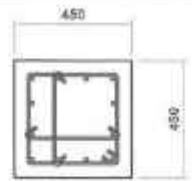
SET NO. 5
SHEET NO. 18
4 11 25



01 SCHEDULE OF FOOTINGS
S-S SCALE 1:25m

FOOTING MARK	FOOTING SIZE (LENGTH x WIDTH) (mm x mm)	THICK (mm)	ALONG LENGTH	ALONG WIDTH	DEPTH OF EXCAVATION
F1	1500X1500	300	7-16mmØ	7-16mmØ	1.50 m
F2	1500X1500	300	7-16mmØ	7-16mmØ	1.50 m

02 SCHEDULE OF COLUMN
S-S SCALE 1:50m

MARK	FOUNDATION TO ROOF	
C1		
	LONGITUDINAL BARS	12-16mmØ RSB
	CONF. REINF (END)	3-10Ø : 1@50mm, 20@50mm, REST 200
	TIES (MIDDLE)	3-10Ø : @ 200mm
	JOINT REINF	2-10Ø : @ 100mm



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

PROJECT NAME AND LOCATION
GOVERNANCE AND SPECIAL SUPPORT PROGRAM - AGRI-INDUSTRIAL
PROGRAM (IMP) - MULTIPURPOSE RAILWAY FACILITIES TO SUPPORT LOCAL
SERVICES - CONSTRUCTION/COMPLETION OF MULTIPURPOSE RAILROAD
SOUTHERN LEYTE - CAGAYAN DE ORO - SOUTHERN LEYTE

SHEET CONTENTS
SCHEDULE OF FOOTINGS
SCHEDULE OF COLUMN

GRANTED
ALDO D. BARTOLAR
ENGINEER
DATE
JAN 16 2025

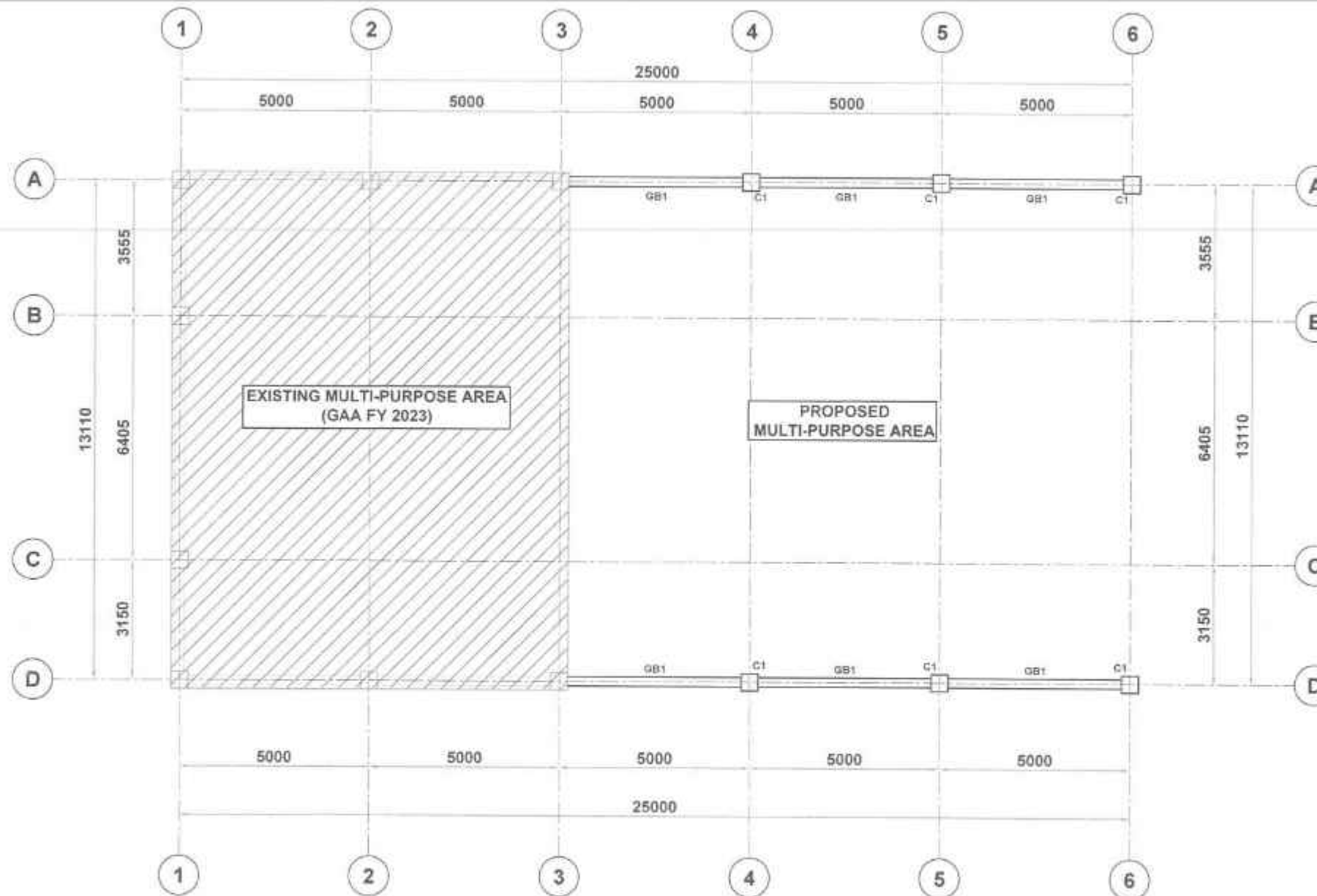
REVIEWED
JOSE A. BARTOLAR
ENGINEER
DATE
JAN 16 2025

SUBMITTED
JANIELLO S. RUIZ
CHIEF PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED
EVELYN D. MAP
ASSISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED
EDUARDO V. BASTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SET NO. 5
SHEET NO. 19
25



01 GRADE BEAM FRAMING PLAN
S-4 SCALE 1:10000

DIMENSION (mm)	SCHEDULE	AT SUPPORT	AT MIDSPAN
250 X 400	GB1	1-10MM Ø 3-10MM Ø 5-10MM Ø	2-10MM Ø 2-10MM Ø 1-10MM Ø
STIRRUPS: 10mm Ø RSB SPACED @ 1-100mm, 6-100mm, 3-REST @ 300mm ON CENTER			



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
50000, SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVICTION AND AIDEL SUPPORT PROGRAM - BASE INFRASTRUCTURE
PROGRAM (BPI) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL
SERVICES - CONSTRUCTION (COMPLETION OF MULTI-PURPOSE BUILDING)
BAYLARAN DISTRICT (SOUTHERN LEYTE) VTB

SHEET CONTENTS
GRADE BEAM FRAMING PLAN

DRAFTED
ALEJANDRO ESTANG JR.
DATE
PREPARED
JANOME C. VILLOJO
DATE
JAN 16 2025

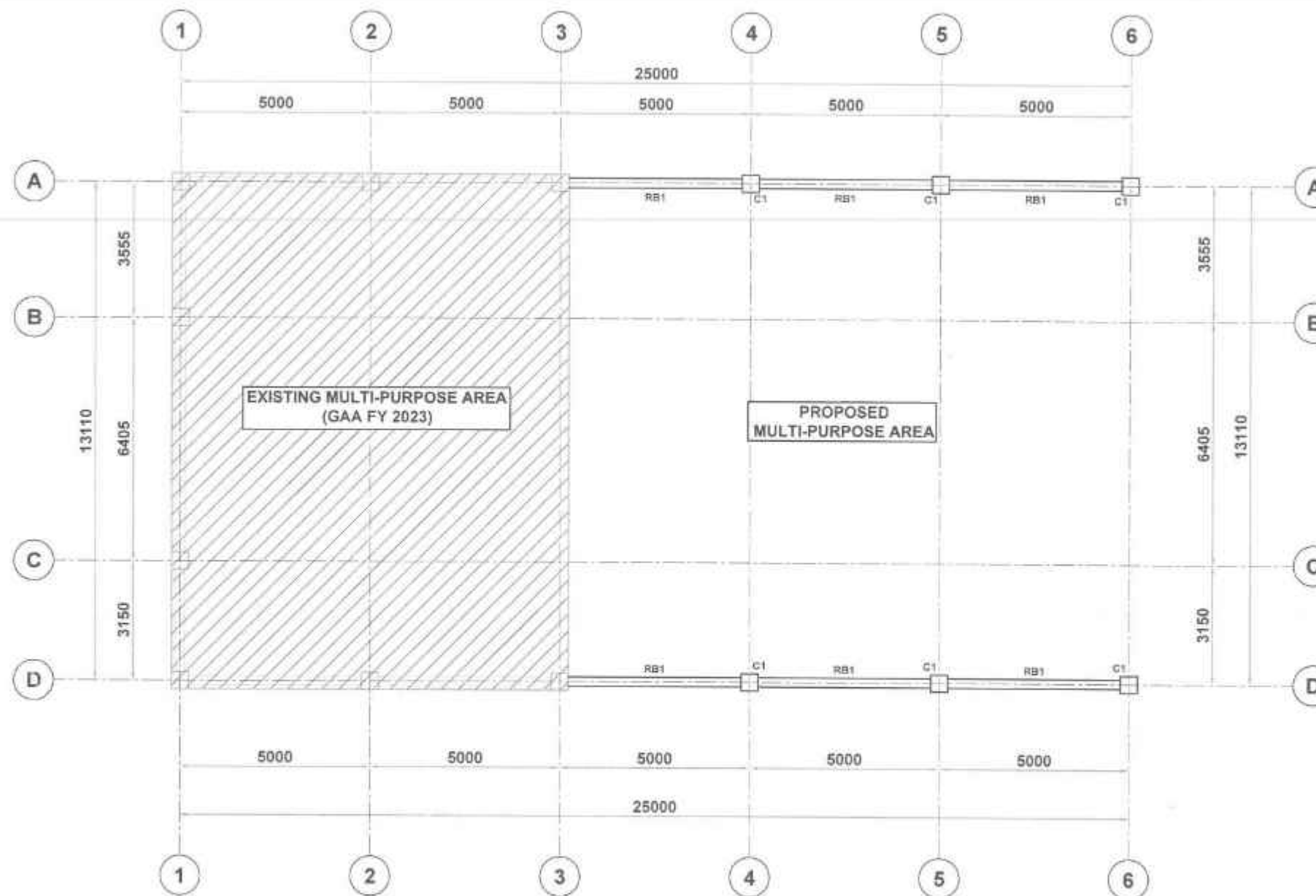
REVIEWED
JOSE A. BALTAZAR
ENGINEER II
DATE
JAN 16 2025

SUBMITTED
RAMIER C. RUIZ
SHEET PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED
EVELYN
ASSISTANT DISTRICT ENGINEER
DATE
JAN 23 2025

APPROVED
EDUARDO V. RANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SET NO. 6
SHEET NO. 20



01
9-7
SCALE 1:1000

ROOF BEAM FRAMING PLAN

DIMENSION (mm)	SCHEDULE	AT SUPPORT	AT MIDSPAN
300 X 400	RB1		
STIRRUPS: TOP AND BOTTOM REINFORCEMENT @ 1-300mm, 11-200mm, & REIN @ 150mm ON CENTER			



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION VII
SOUTHERN LEYTE 2ND DISTRICT
ENGINEERING OFFICE
00001 SOUTHERN LEYTE

PROJECT NAME AND LOCATION
CONVERSION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM (BIP) - MULTI-PURPOSE BUILDING FACILITIES TO SUPPORT SOCIAL
SERVICES - SUB-REGIONAL COMPLETION OF MULTI-PURPOSE BUILDING
PROGRAM SIGNED - SOUTHERN LEYTE

SHEET CONTENTS
ROOF BEAM FRAMING PLAN

DRAWN BY
ALEXANDER C. TANG JR.
ENGINEER
DATE
JAN 16 2025
PREPARED BY
JUNIMIC G. WILLOJO
DATE
JAN 16 2025

REVIEWED BY
JONAS B. BAYANAN
ENGINEER
DATE
JAN 16 2025

SUBMITTED BY
RAINER LOU C. BUNG
SHEET PLANNING & DESIGN SECTION
DATE
JAN 16 2025

RECOMMENDED BY
EVEN A. Y. YAN
DISTRICT ENGINEER
DATE
JAN 23 2025

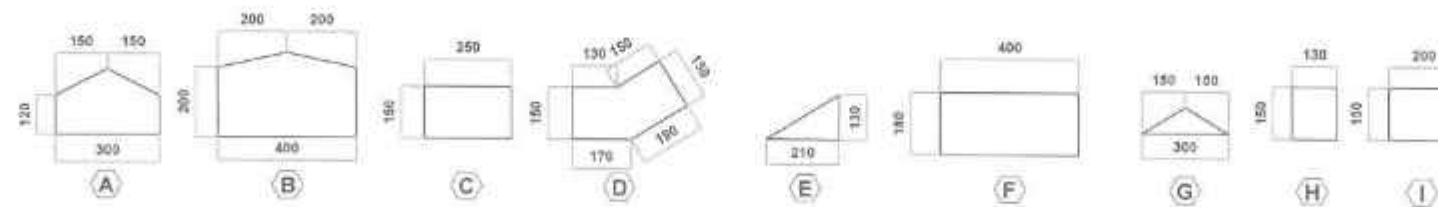
APPROVED BY
EDUARDO V. SANTOS
DISTRICT ENGINEER
DATE
JAN 23 2025

SHEET NO.

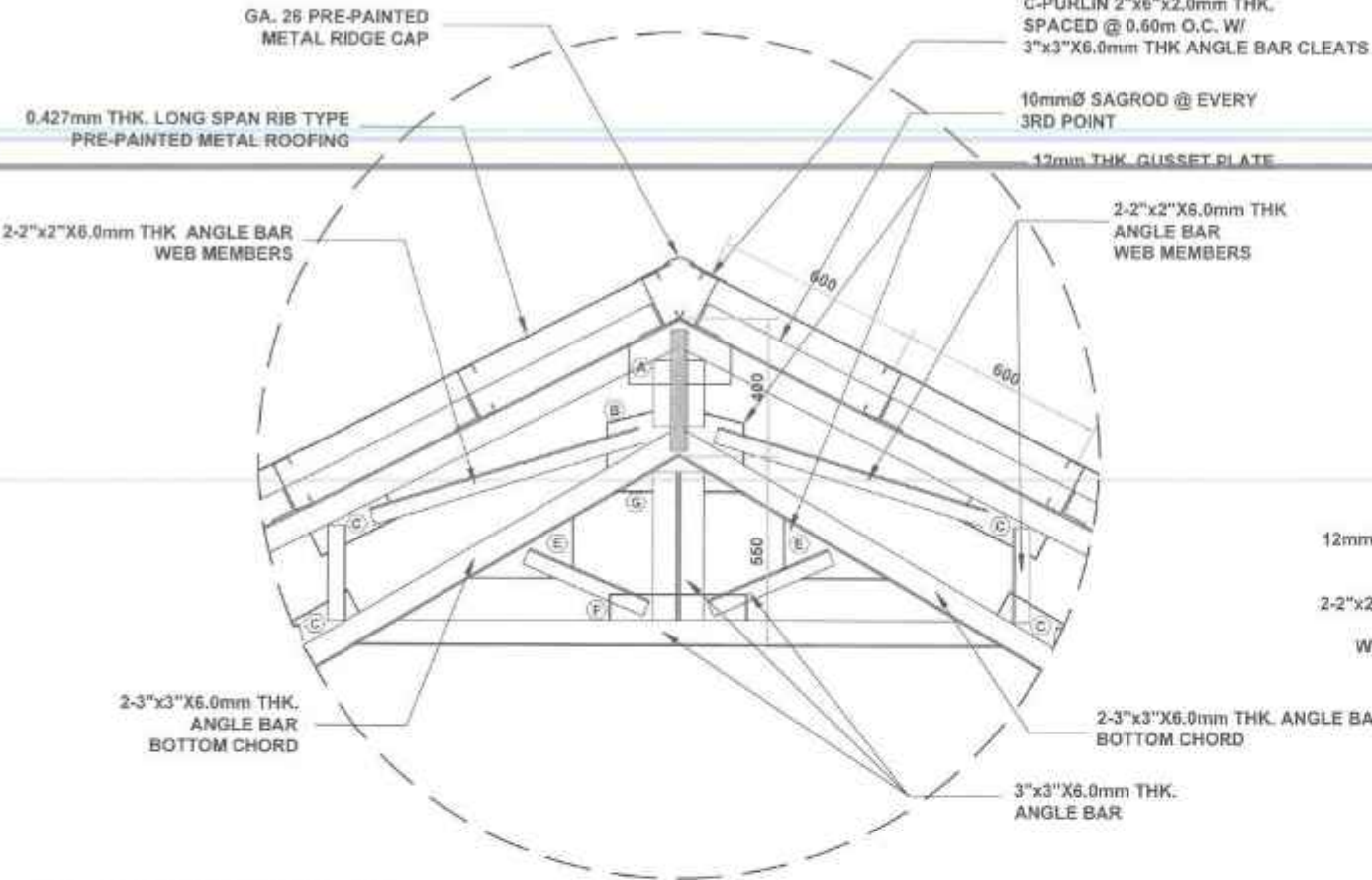
8
7 11

SHEET NO.

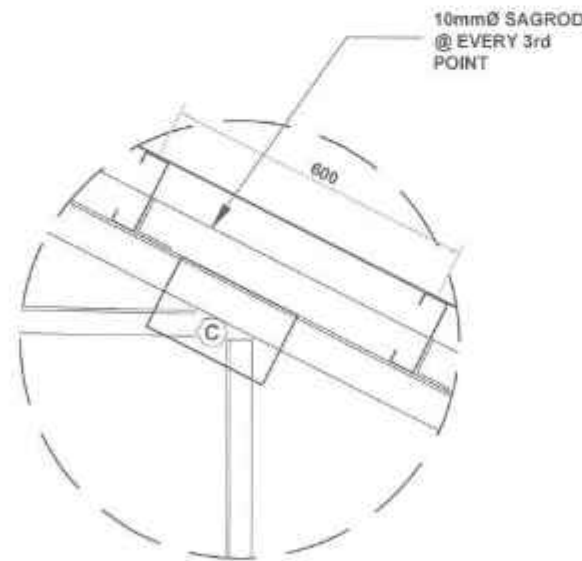
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25



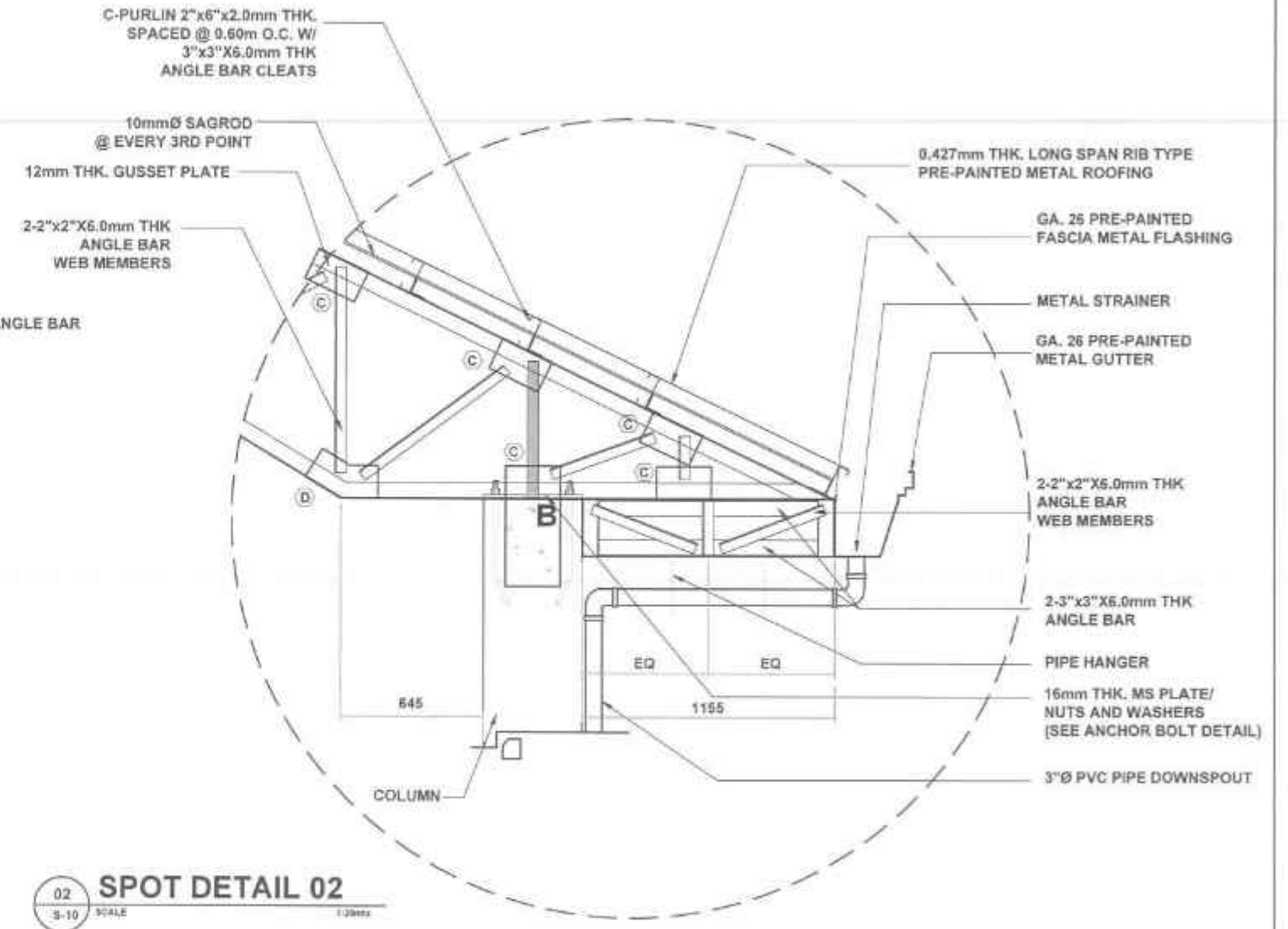
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS (REGION VIII) SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE SOCCO, SOUTHERN LEYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DRAFTED BY: ALEXANDER C. SUTANG JR. ENGINEER	REVIEWED BY: JESSE C. SAN JUAN SUPERVISOR	SUBMITTED BY: RAIMUND LOU C. BUIK CHIEF, PLANNING & DESIGN SECTION	RECOMMENDED BY: EVELYN C. SUTANG ASSISTANT DISTRICT ENGINEER	APPROVED BY: EDUARDO V. SANTOS DISTRICT ENGINEER	SET NO.	SHEET NO.
	CONFORMANCE AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (CSP) - PUBLIC PURPOSES BANGKAYAN (BANGKAYAN) TO SUPPORT AGRICULTURE SERVICES - CONSTRUCTION (CSP, BANGKAYAN) OF MULTIPURPOSE BANGKAYAN	TRUSS DETAIL	DATE PREPARED: JAN 16 2025 JIMMORIE C. VILLAR ENGINEER	DATE REVIEWED: JAN 18 2025	DATE SUBMITTED: JAN 16 2025	DATE RECOMMENDED: JAN 23 2025	DATE APPROVED: JAN 23 2025	5 8 11	33 25



01 SPOT DETAIL 01
S-10 SCALE 1:15m

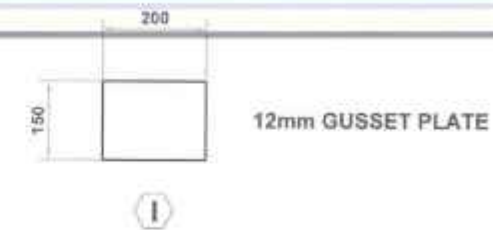
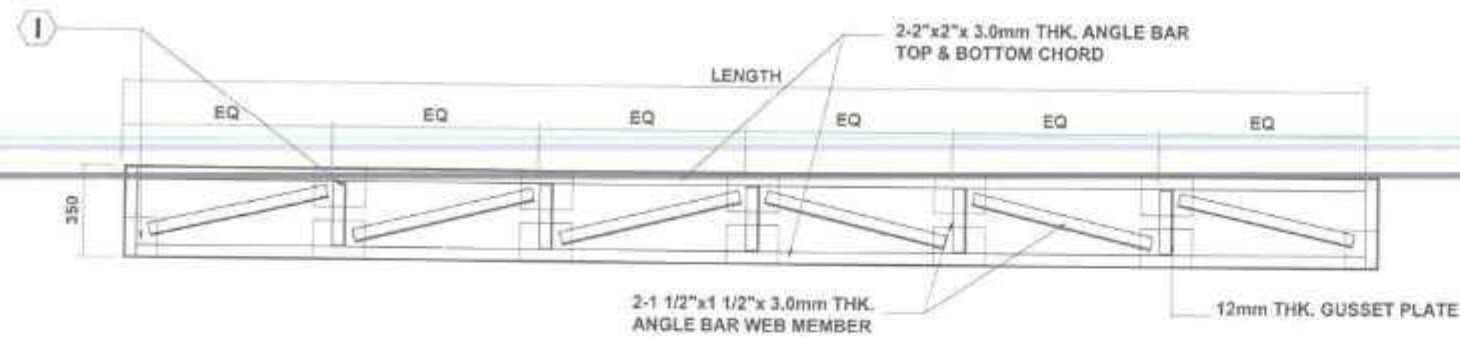


03 SPOT DETAIL 03
S-10 SCALE 1:15m

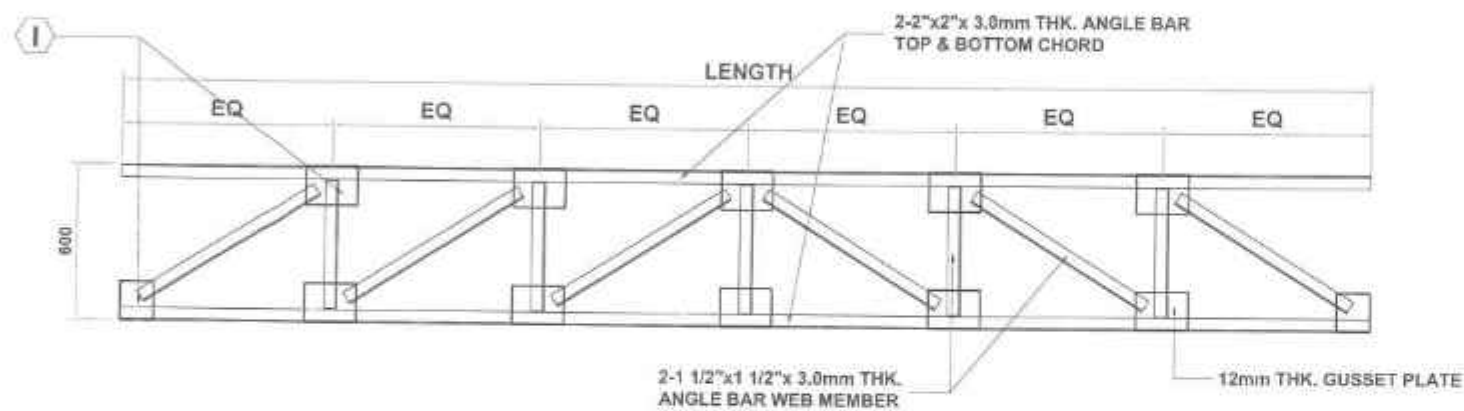


02 SPOT DETAIL 02
S-10 SCALE 1:30m

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII SOUTHERN LEYTE 2ND DISTRICT ENGINEERING OFFICE BODOO SOUTHERN LEYTE	PROJECT NAME AND LOCATION CONVERSION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE PROGRAM (BSP) - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL SERVICES - CONSTRUCTION COMPLETION OF MULTIPURPOSE BUILDING SOUTHERN LEYTE - REGIONAL OFFICE	SHEET CONTENTS SPOT DETAIL 01 SPOT DETAIL 02 SPOT DETAIL 03	DRAFTED ALEXANDER A. BUTANG JR. ENGINEER DATE JAN 16 2025	REVIEWED JOSIE A. BALTAZAR ENGINEER DATE JAN 16 2025	SUBMITTED RAINIER LOU G. RUZ CHIEF PLANNING & DESIGN SECTION DATE JAN 16 2025	RECOMMENDED EVAN D. RAS ASSISTANT DISTRICT ENGINEER DATE JAN 23 2025	APPROVED EDUARDO V. SANTOS DISTRICT ENGINEER DATE JAN 23 2025	SHEET NO. 24 SHEET NO. 25
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01 TR-1 DETAILS
S-11 SCALE 1:20m



02 TR-2 DETAILS
S-11 SCALE 1:20m



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
CONVERSION AND SPECIAL SUPPORT PROGRAM - BASIC INFRASTRUCTURE
PROGRAM (SP-1) - MULTIPURPOSE BUILDING FACILITIES TO SUPPORT LOCAL
OFFICES - CONSTRUCTION (COMPLETION) OF MULTIPURPOSE BUILDING
SOUTHERN LEYTE - REGION VII SOUTHERN LEYTE

SHEET CONTENTS
TR-1 DETAILS
TR-2 DETAILS

DRAFTED
ALL JANCIA C. BATANG JR.
DATE
JAN 16 2025
PREPARED
JANOME C. VALDEJO
DATE
JAN 16 2025

REVIEWED
JOSE A. BALTAZAR
DATE
JAN 16 2025

SUBMITTED
RAIMUND C. RUIZ
DATE
JAN 16 2025

RECOMMENDED
EVELYN D. YAN
DATE
JAN 23 2025

APPROVED
EDUARDO V. SANTOS
DATE
JAN 23 2025

SET NO. 8
SHEET NO. 25