



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
LAGUNA 3rd DISTRICT ENGINEERING OFFICE
MARIFLOR SUBD., BRGY. DEL REMEDIO, SAN PABLO CITY, REGION IV-A

C.Y 2025 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR

**CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP) -
BASIC INFRASTRUCTURE PROGRAM (BIP) -
MULTI-PURPOSE BUILDINGS/ FACILITIES TO SUPPORT SOCIAL SERVICES
- CONSTRUCTION (COMPLETION) OF MULTI-PURPOSE BUILDING,
BARANGAY PALIPARAN, CALAUAN, LAGUNA**

COORDINATES : 14.119166 N 121.28724 E

SUBMITTED BY :

LUDY MITZI J. MAHENCIO
ENGINEER II
OFFICER-IN-CHARGE
PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED BY :

MA. SHIRLEY M. SAMIANO
OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED BY :

CARLOS C. MUERE
OFFICER-IN-CHARGE
OFFICE OF THE DISTRICT ENGINEER

DATE:

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BARANGAY PALIPARAN, CALAUAN, LAGUNA

SHEET CONTENT :
• INDEX OF DRAWING

DRAFTED :
RANDIE A. COSICO
ENGINEERING AIDE B
PREPARED :
PATRICK JONES F. MAGAMPON
ARCHITECT II

REVIEWED :
JOEY CHRISTIAN L. DAYO
ENGINEER II
DATE :

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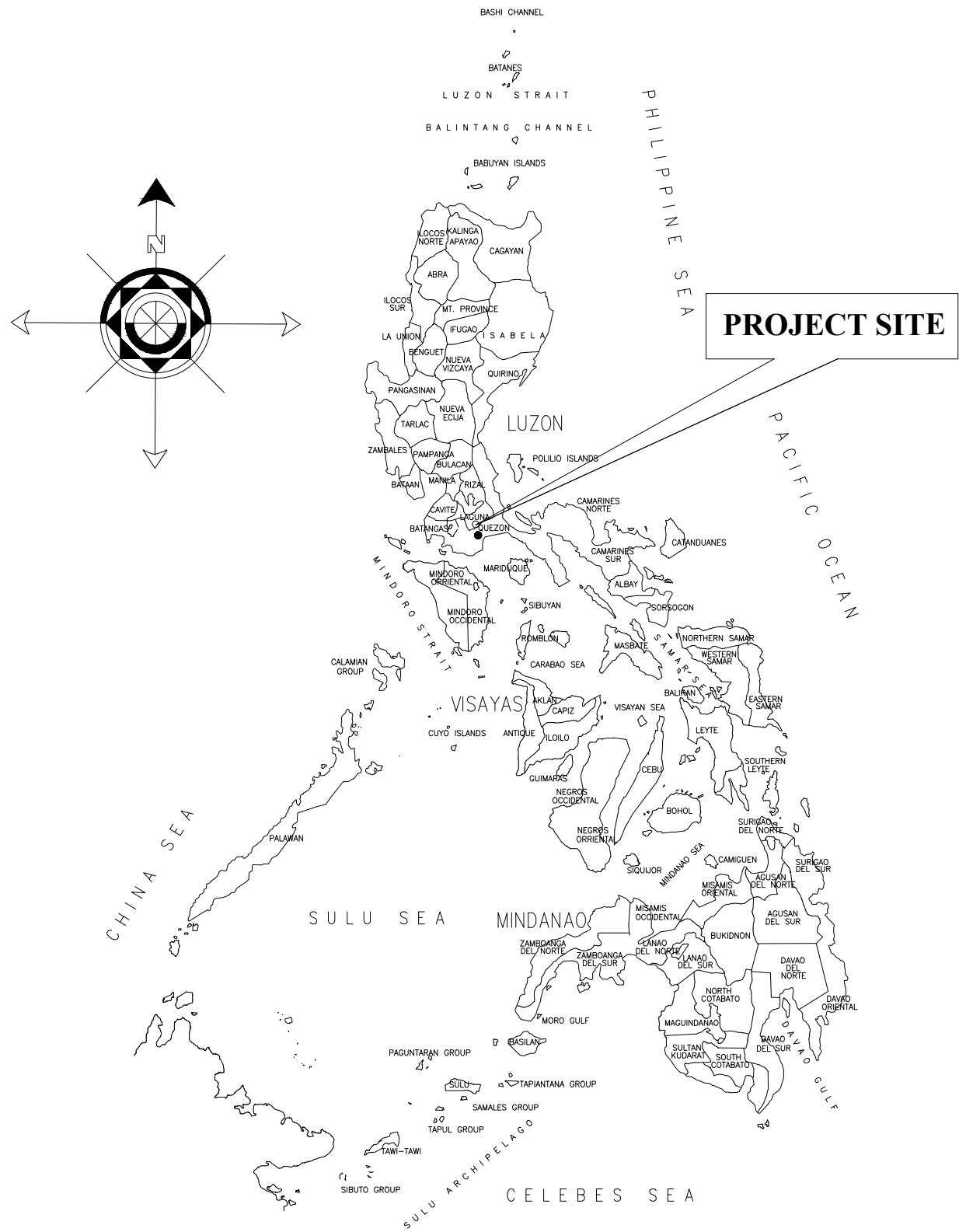
APPROVED :
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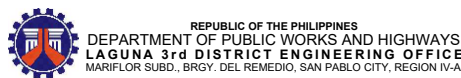
1
G-3
KEY MAP
NOT TO SCALE



3
G-3
LOCATION MAP
NOT TO SCALE



2
G-3
VICINITY MAP
NOT TO SCALE



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SET NO. 3
SHEET NO. 14

SUMMARY OF QUANTITY

ITEM NO.	DESCRIPTION	QUANTITY		UNIT
		AS SUBMITTED	AS EVALUATED	
PART I	FACILITIES FOR THE ENGINEER			
A.1.4 (1)	Provision of Progress Photographs	3.00	3.00	Month
PART II	OTHER GENERAL REQUIREMENTS			
B.3 (1)	Permits and Clearance	1.00	1.00	l.s.
B.5	Project Billboard / Signboard	3.00	3.00	each
B.7 (1)	Occupational Safety and Health Program	1.00	1.00	l.s.
B.9 (1)	Mobilization / Demobilization	1.00	1.00	l.s.
PART III	CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS			
PART A	EARTHWORKS			
801 (1)	Removal of Structures and Obstruction	1.00	1.00	l.s.
803 (1) a	Structure Excavation (Common Soil)	39.00	39.00	cu.m.
804 (1) a	Embankment from Roadway/Structure Excavation	21.00	21.00	cu.m.
804 (1) b	Embankment from Borrow	56.00	56.00	cu.m.
804 (7)	Gravel Fill	7.00	7.00	cu.m
PART B	PLAIN AND REINFORCED CONCRETE WORKS			
900 (1) c	Structural Concrete (3000 psi, Class A, 28 days)	50.00	50.00	cu.m.
902 (1) a1	Reinforcing Steel (Deformed, Grade 40)	1,440.00	1,440.00	kg
903 (2)	Formworks and Falseworks	54.00	54.00	sq.m.
PART C	FINISHINGS AND OTHER CIVIL WORKS			
C.1	Termite Control Works			
1000 (1)	Soil Poisoning	47.00	47.00	L
C.2	Masonry Works			
1046 (2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100 mm	158.00	158.00	sq.m.
C.4	Finishing Works			
1003 (11) a1	Fascia Board (19mm, Fiber Cement Board)	27.00	27.00	m.
1021 (1) a	Cement Floor Finish (Plain)	52.00	52.00	sq.m.
1051 (1) a	Railing	1.00	1.00	l.s.
C.5	Painting Works			
1032 (1) a	Painting Works (Masonry/Concrete)	121.00	121.00	sq.m.
1032 (1) c	Painting Works (Steel)	39.00	39.00	sq.m.
C.6	Roof Framing and Roofing Works			
1014 (1) b2	Prepainted Metal Sheets (above 0.427 mm, Rib Type, Long Span)	79.00	79.00	sq.m.
1013 (2) b	Fabricated Metal Roofing Accessory (gauge 26, 0.551 mm, Flashing)	40.00	40.00	l.m.
1013 (2) c	Fabricated Metal Roofing Accessory (gauge 24, 0.701 mm, Gutters)	31.00	31.00	l.m.
1047 (8) a	Structural Steel (Trusses)	661.00	661.00	kg
1047 (8) b	Structural Steel (Purlins)	70.00	70.00	kg
1047 (5) a	Metal Structure Accessories (Bolts and Rods)	2.00	2.00	kg
PART D	PLUMBING AND SANITARY WORKS			
1001 (9)	Storm Drainage and Downspout	1.00	1.00	l.s.



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ENGINEERING AIDE B
PREPARED :
PATRICK JONES F. MAGAMPON
ARCHITECT II

REVIEWED :
JOEY CHRISTIAN L. DAYO
ENGINEER II
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G
4 4

SHEET NO.

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1
A-1

PERSPECTIVE DRAWING

NOT TO SCALE



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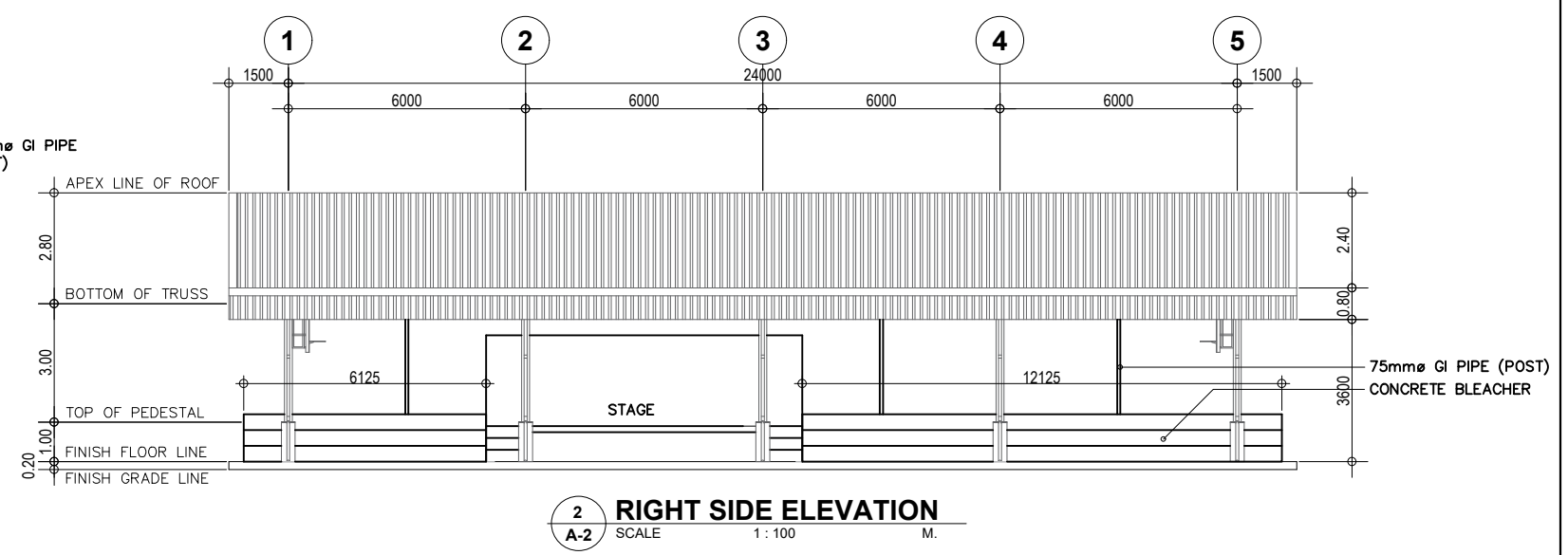
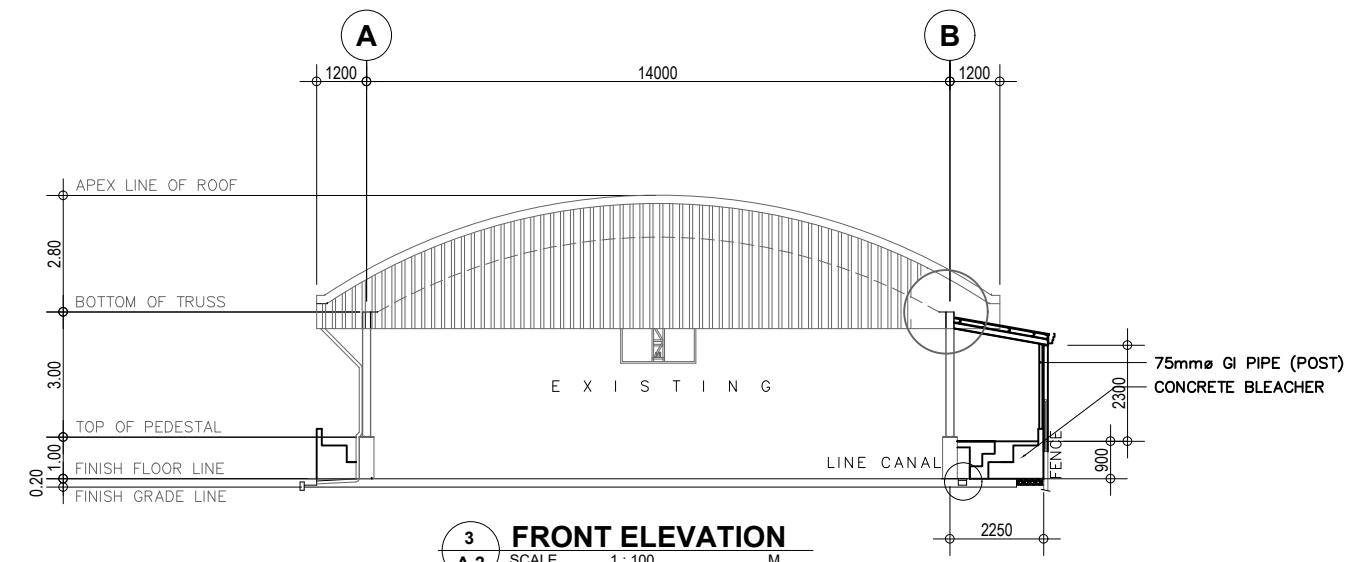
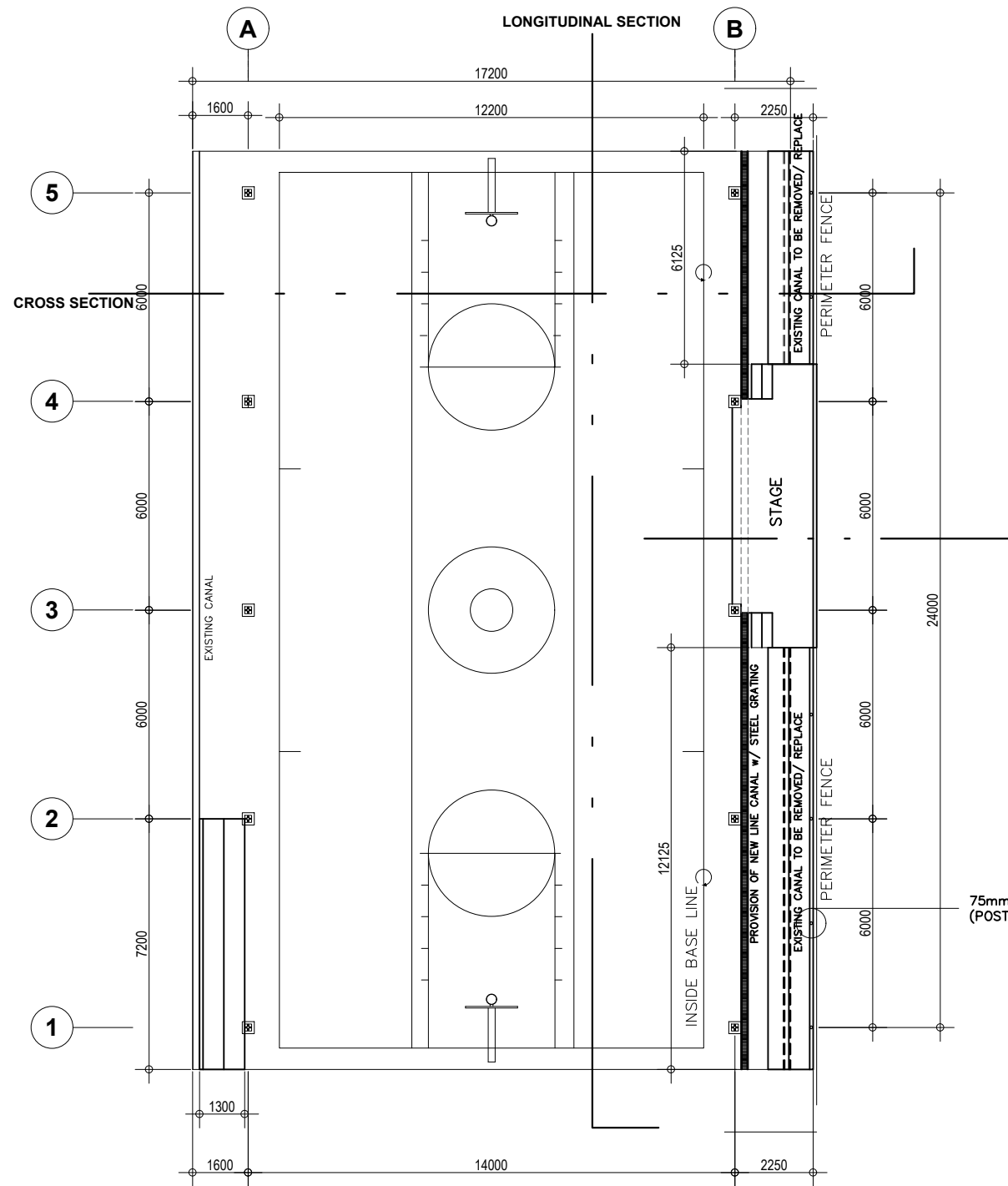
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SET NO.

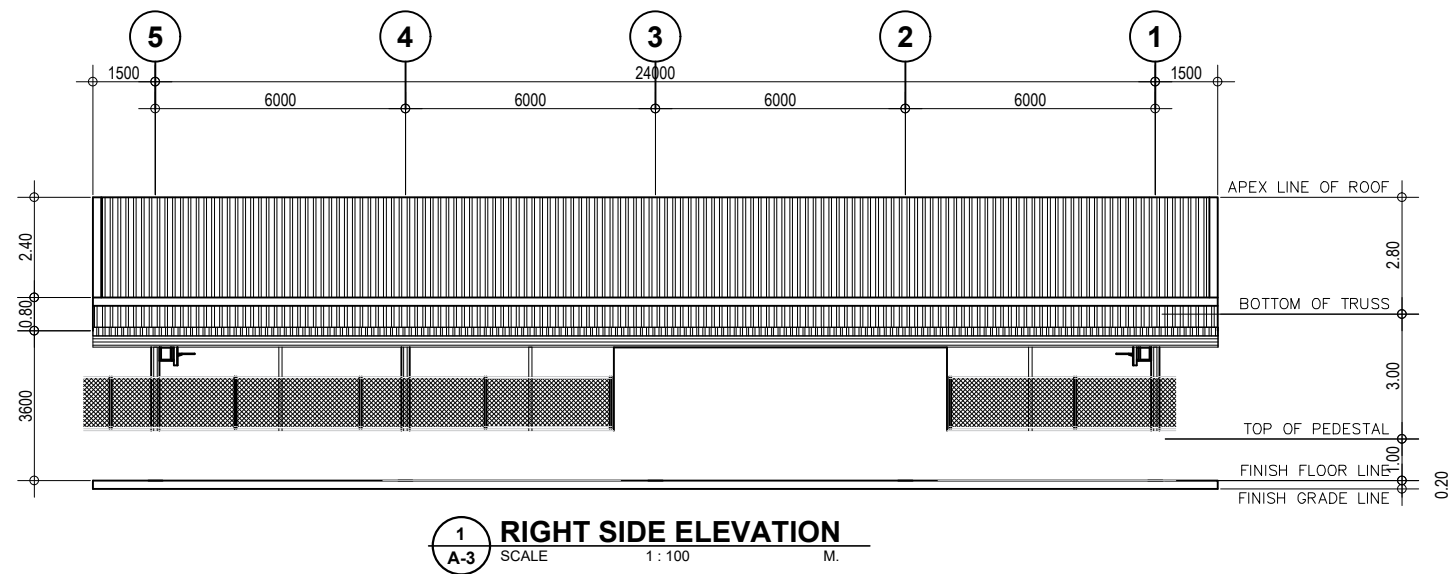
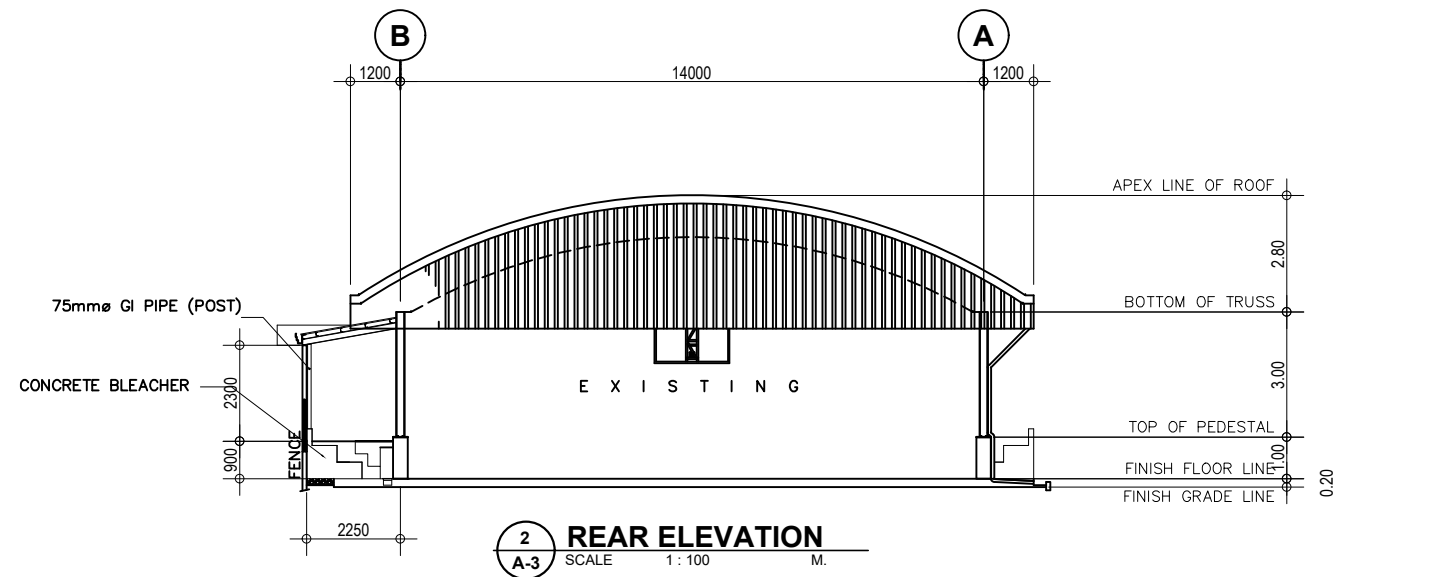
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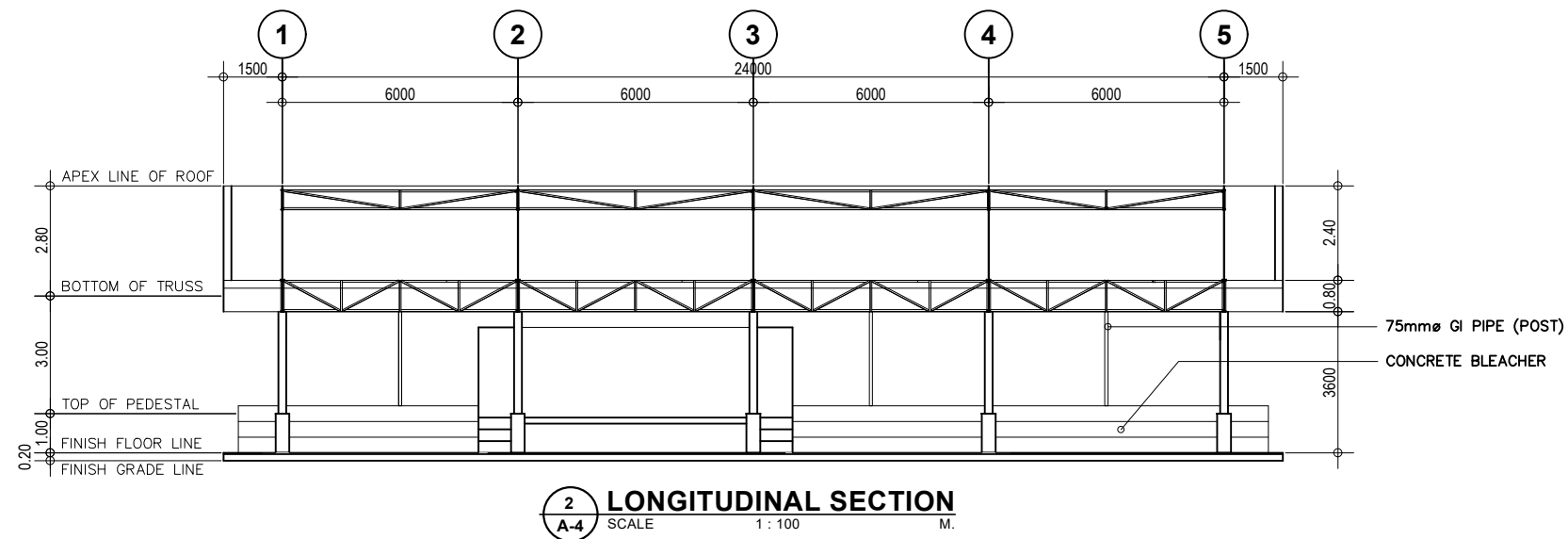
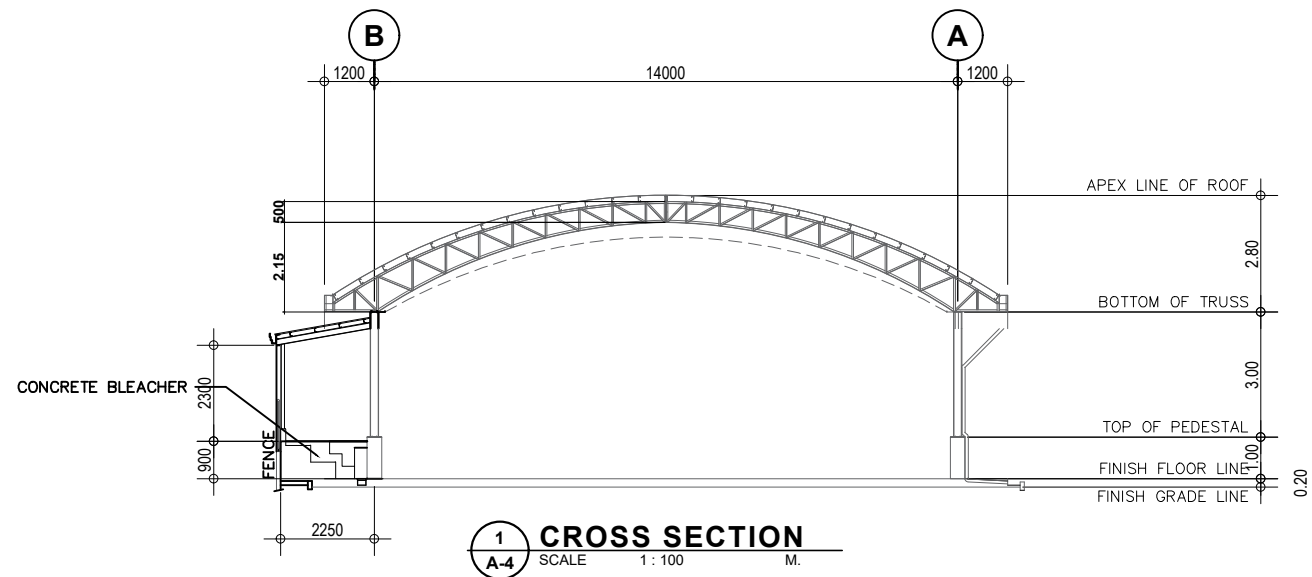
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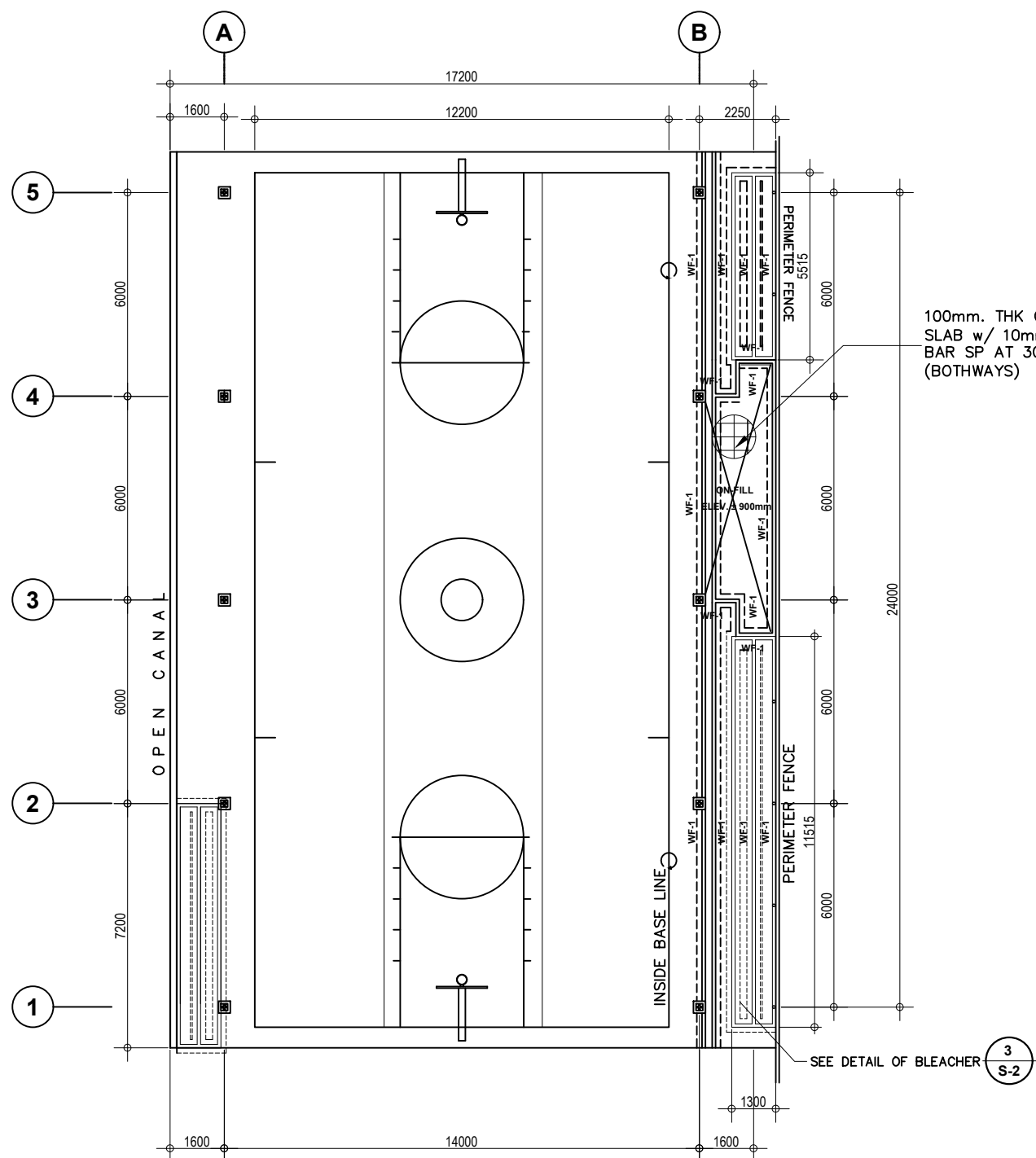
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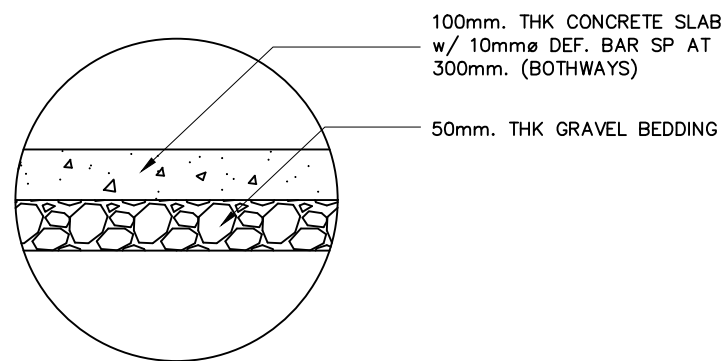
1 FLOOR PLAN
SCALE 1 : 100 M.



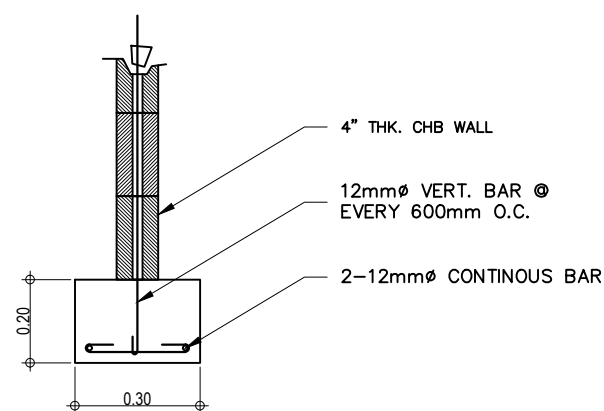




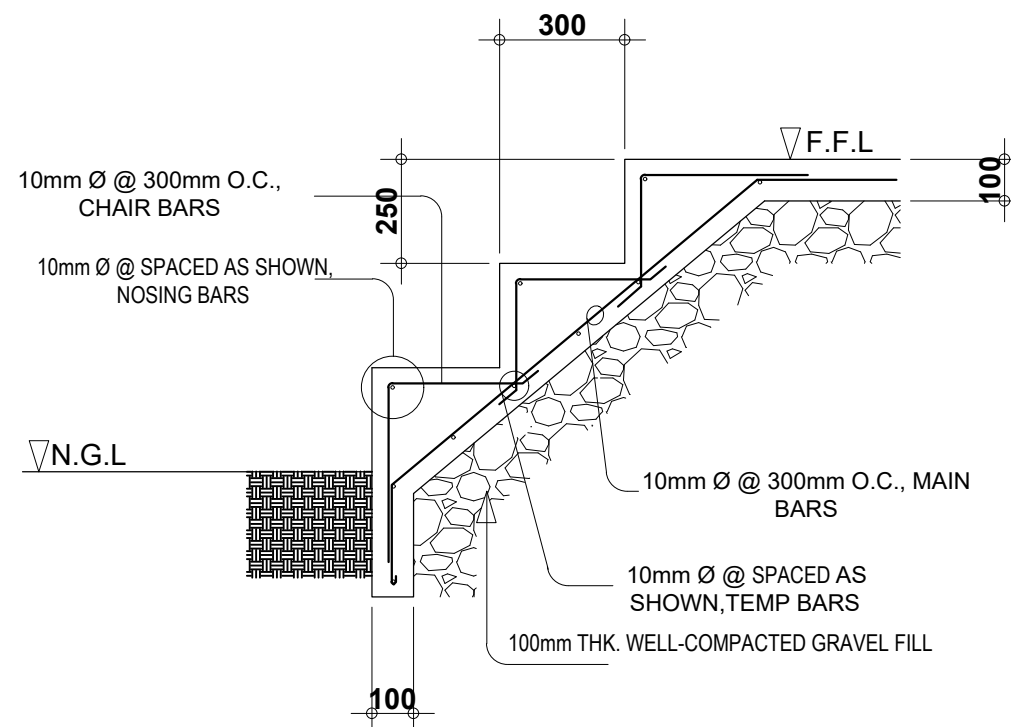
1 FOUNDATION PLAN
SCALE 1 : 100 M.



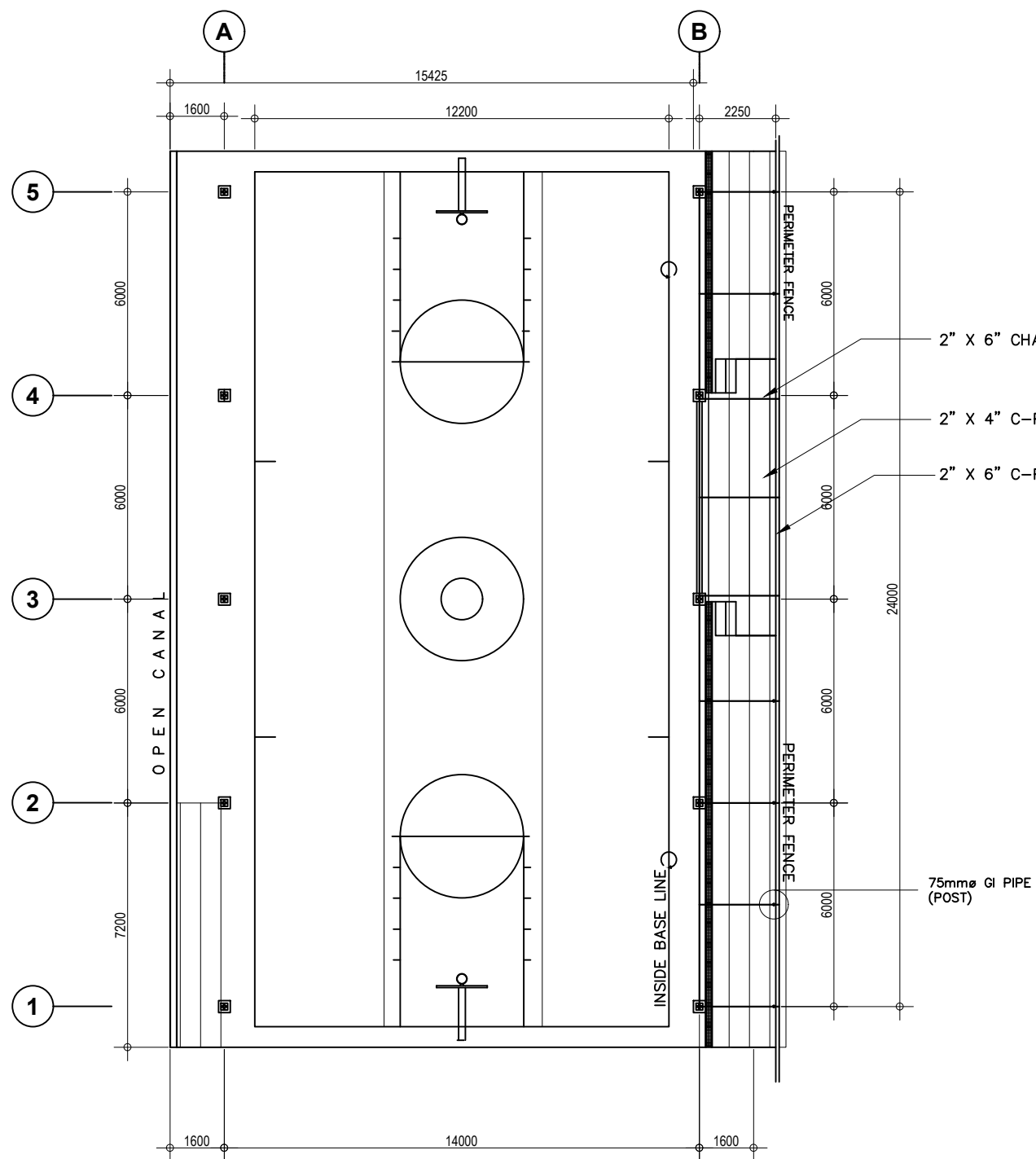
4 DETAIL OF CONC. SLAB
SCALE 1 : 10 M.



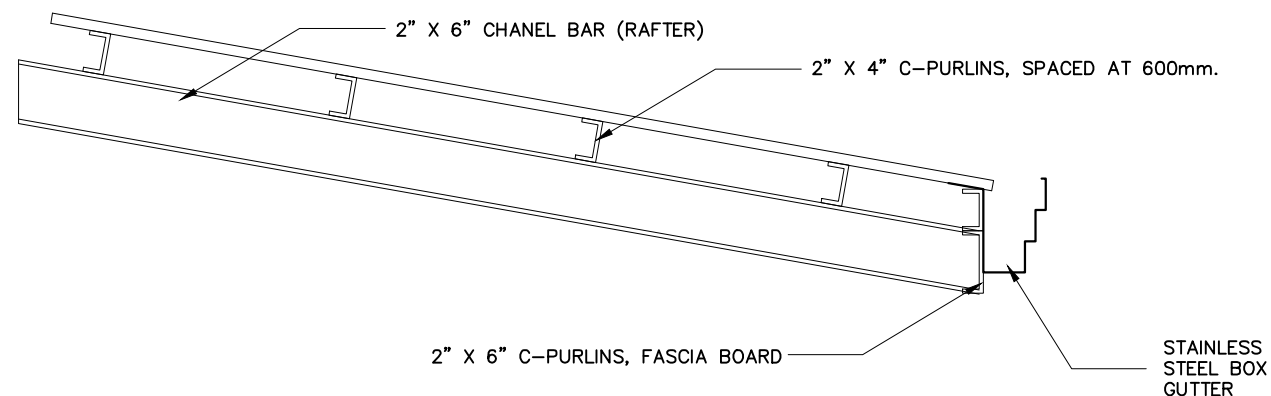
3 DETAIL OF WALL FOOTING
SCALE 1 : 10 M.



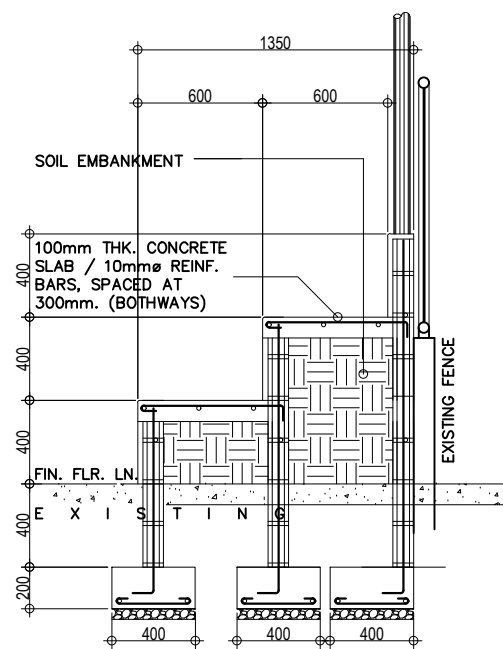
2 DETAIL OF STAIRS
SCALE 1 : 10 M.



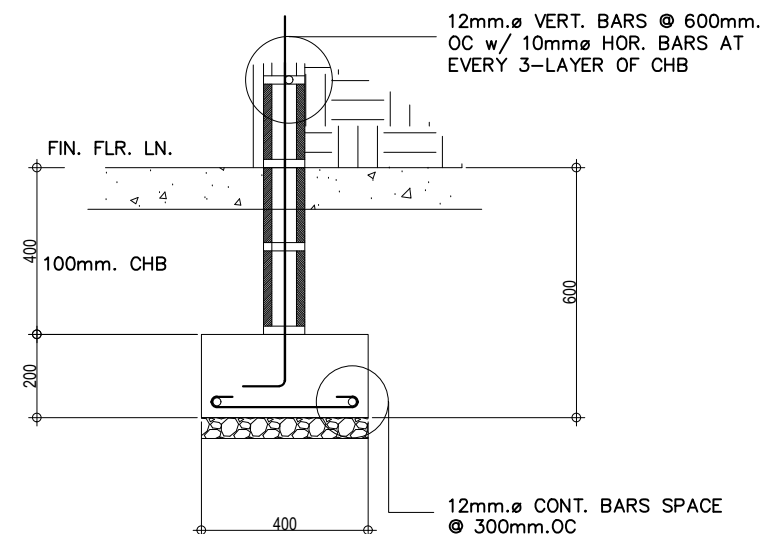
1 ROOF FRAMING PLAN
SCALE 1 : 100 M.



2 TRUSS DETAIL
SCALE 1 : 30 M.



3 CONC. BLEACHER DETAIL
SCALE 1 : 20 M.



4 DETAIL OF WALL FOOTING
SCALE 1 : 10 M.



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SHEET CONTENT :
• ROOF FRAMING PLAN
• TRUSS DETAIL
• CONC. BLEACHER PLAN
• DETAIL OF WALL FOOTING

DRAFTED :
RANDIE A. COSICO
ENGINEERING AIDE B
PREPARED :
ANTOINETTE GECEL M. CORTEZ
ENGINEERING AIDE A

REVIEWED :
JOEY CHRISTIAN L. DAYO
ENGINEER II
DATE :

SUBMITTED :
LUDY MITZI J. MAHENCIO
ENGINEER II
OFFICER-IN-CHARGE
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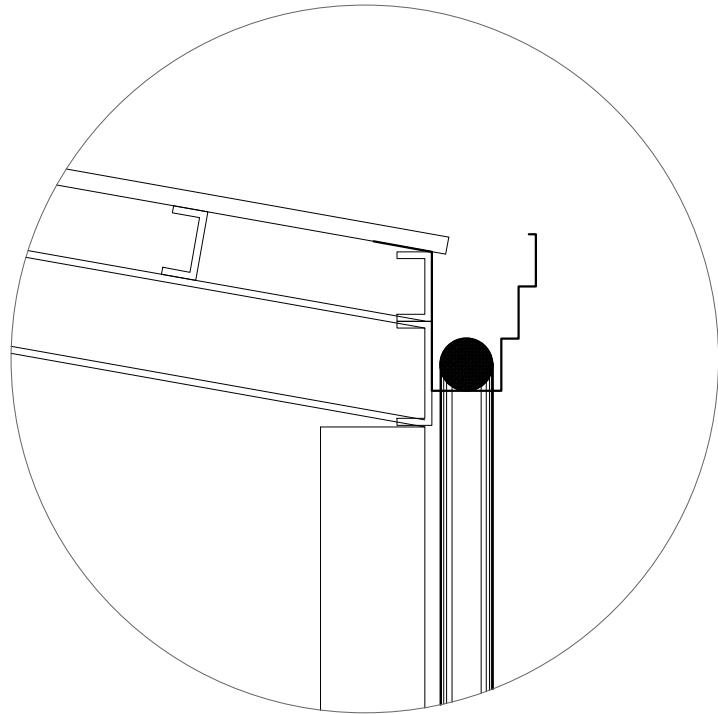
APPROVED :
CARLOS C. MUERE
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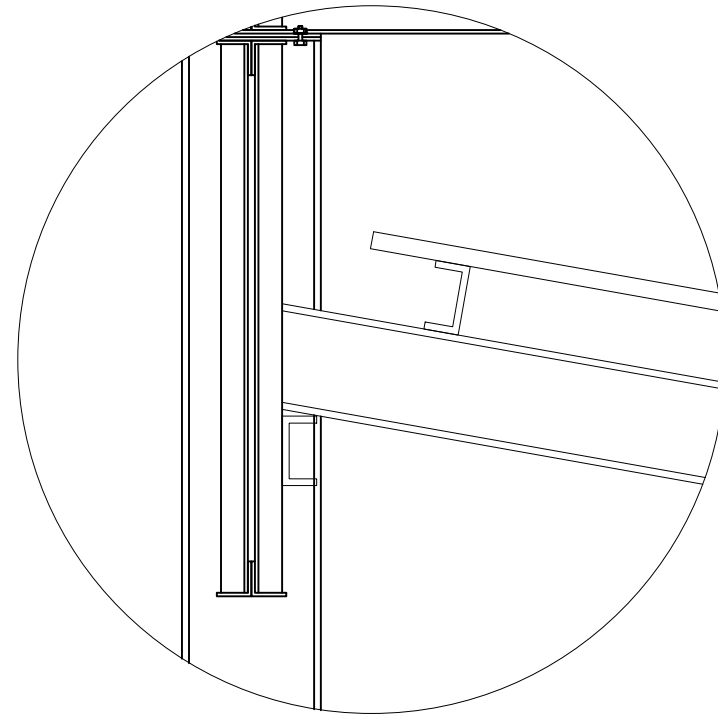
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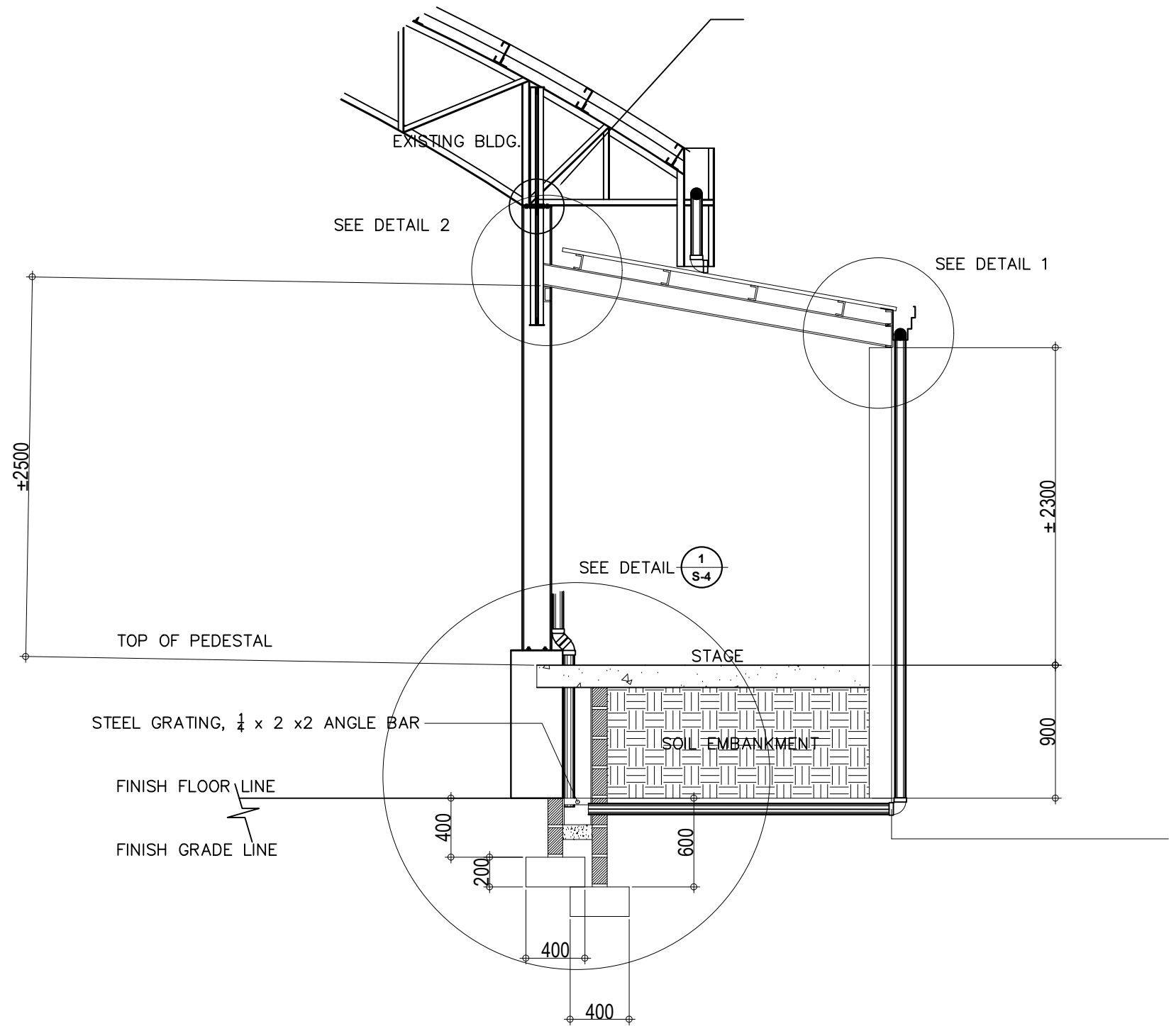
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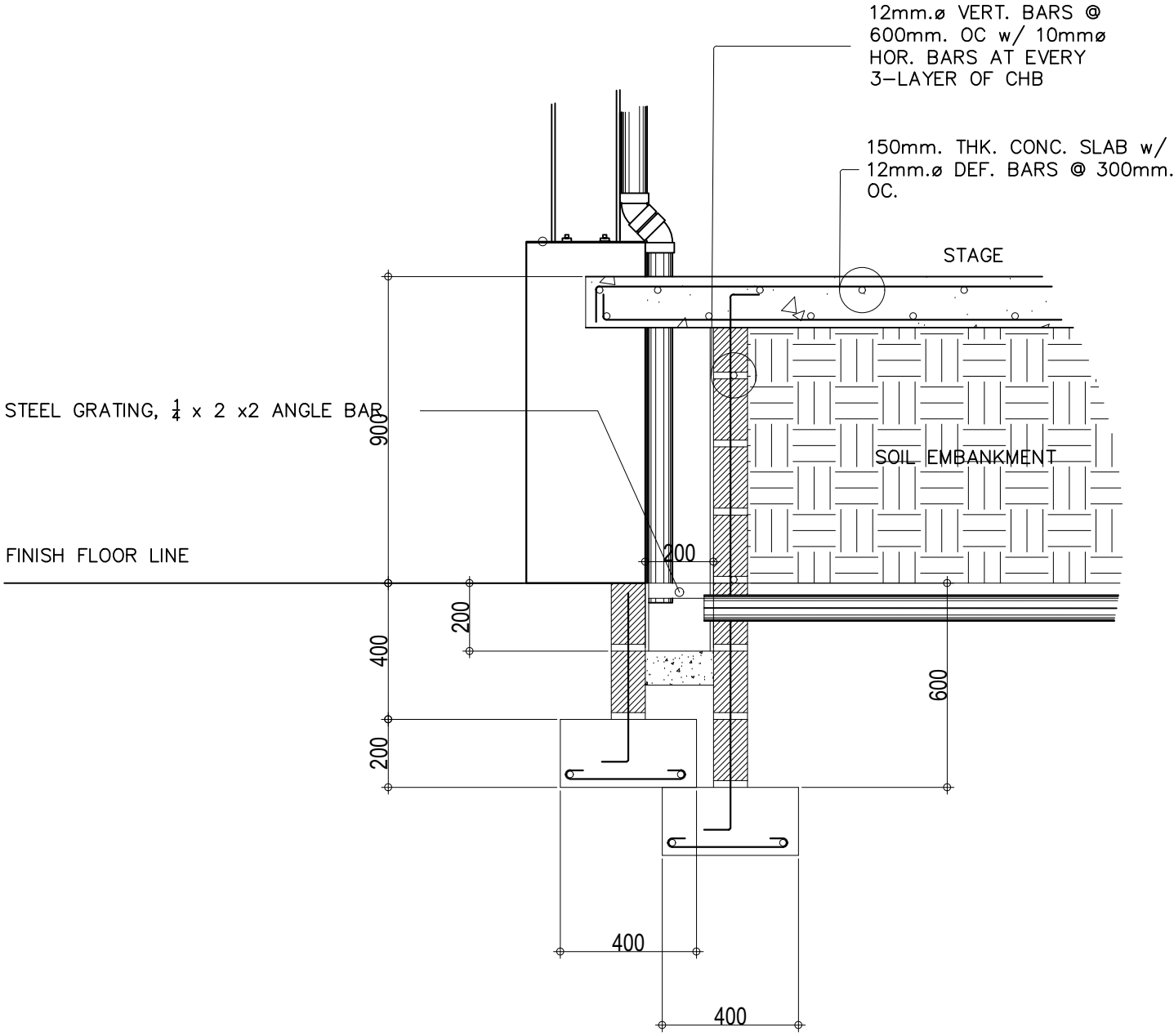
2 **DETAIL** **1**
S-3 SCALE 1 : 30 M.



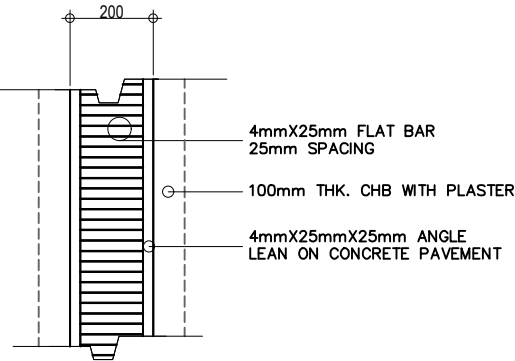
1 **DETAIL** **2**
S-3 SCALE 1 : 30 M.



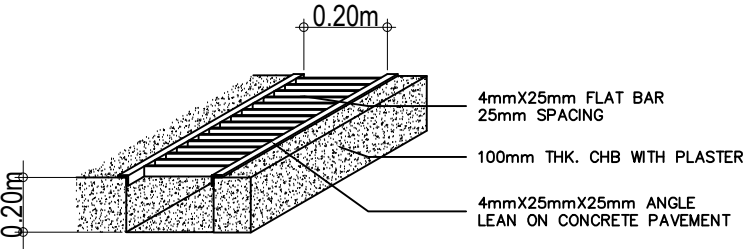
3 **SECTION A**
S-3 SCALE 1 : 20 M.



1 BLOW-UP LINE CANAL FOOTING DETAIL
S-4 SCALE 1 : 10 M.



3 DETAIL OF STEEL GRATING
S-4 SCALE 1 : 10 M.



2 ISOMETRIC PLAN
S-4 SCALE 1 : 10 M.

2440mm

80

210

150

210

50

210

250

35

80

150

200

100

60

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50

40

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40

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40

1220mm

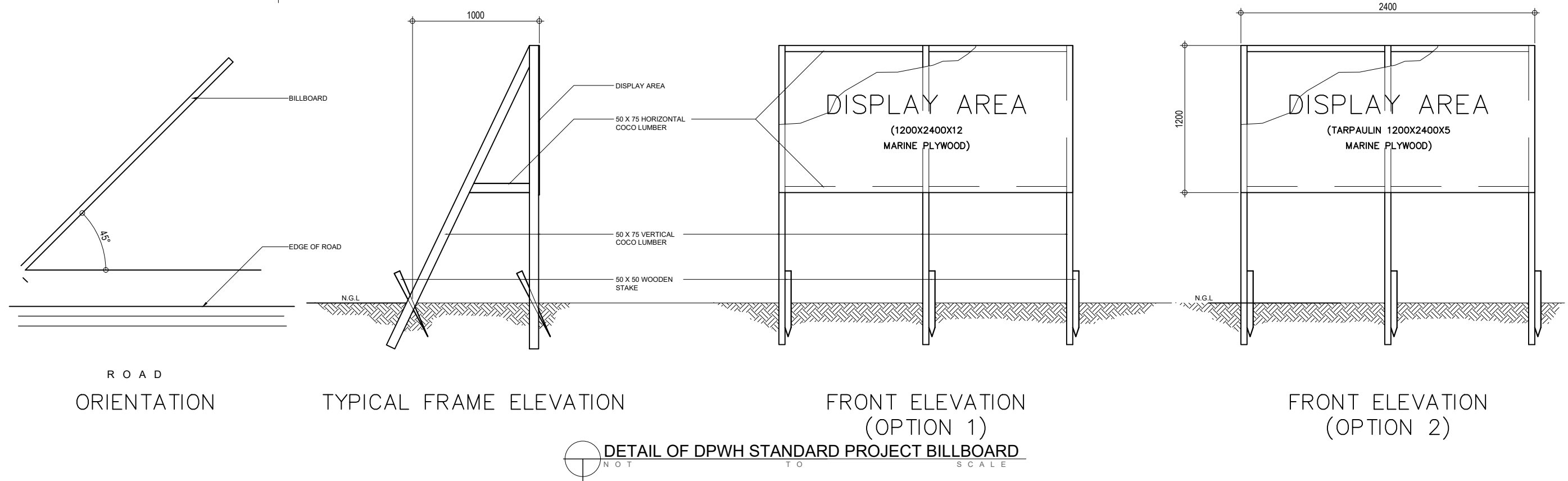




THIS IS WHERE YOUR TAXES GO

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

Department of Public Works and Highways
Text 2920 or Call (02) 165-02 for any concerns on this project
www.dpwh.gov.ph



 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS LAGUNA 3rd DISTRICT ENGINEERING OFFICE MARIFLOR SUBD., BRGY. DEL REMEDIO, SAN PABLO CITY, REGION IV-A	PROJECT TITLE / LOCATION :	SHEET CONTENT :	DRAFTED :	REVIEWED :	SUBMITTED :	SUBMITTED :	APPROVED :	SET NO.	SHEET NO.
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			PREPARED : ANTOINETTE GECEL M. CORTEZ ENGINEERING AIDE A	DATE :	DATE :	DATE :	DATE :		



Republic of the Philippines
COMMISSION ON AUDIT
Office of the Audit Team Leader
DPWH 3RD DISTRICT ENGINEERING OFFICE
San Pablo City, Laguna

Project : _____ Cost: _____

Location : _____ Fund Source/S: _____

Implementing Agency/ies : _____

Development Partner/s : _____

Contractor/ Supplier : _____

Brief Description of Project : _____

Project Detail :

PROJECT DATE			PROJECT STATUS				REMARKS
DURATION	STARTED	TARGET DATE OF COMPLETION	PERCENTAGE OF COMPLETION	AS OF DATE	COST INCURRED TO DATE	DATE COMPLETED	

For particulars or complains about this project, Contact the Regional office or Cluster which has audit jurisdiction on this project.

COA Regional Office no./ Cluster: _____

Address: _____

Contact no.: _____ or TExt COA Citizen's Desk at 0915-539-1957

COA STANDARD PROJECT BILLBOARD

