



1
A-1

PERSPECTIVE VIEW

SCALE : N T S

TABLE
OF
CONTENTS

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE CITY/MUNICIPAL
ENGINEER/BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY

LAND USE & ZONING

LINE & GRADE

ARCHITECTURAL

STRUCTURAL

SANITARY

ELECTRICAL

MECHANICAL

ARCHITECTURAL

- A-1 PERSPECTIVE VIEW & TABLE OF CONTENTS
- A-2 GROUND, SECOND FLOOR, ROOF, REFLECTED CEILING PLANS
- A-3 LONGITUDINAL, CROSS SECTION, FRONT, REAR, RIGHT, LEFT SIDE ELEV.
- A-4 LEFT SIDE ELEV., SCHED. OF DOORS & WINDOWS, BALCONY RAILING, EAVES, VENT., & RAMP DETAILS
- A-6 STAIR, HANDRAIL DETAILS
- A-5 TOILET, CONC. COUNTER, SUN BREAKER DETAILS

STRUCTURAL

- S-1 FOUNDATION, SCHEDULE OF SLAB 2ND FLOOR & ROOF FRAMING PLAN
- S-2 DET. STAIR ON GRADE, RAMP & BEAM, FOOTING/TIE BEAM/COLUMN DETAIL
- S-3 TRUSS DIAGRAM, STAIR DET. DETAILS OF STEEL CONNECTION

ELECTRICAL

- E-1 GEN. NOTES, LEGEND, LOAD SCHEDULE, RISER DIAGRAM, SINGLE LINE DIAGRAM
- E-2 POWER LAYOUTS(GRND & 2ND FLR) LIGHT'G LAYOUTS(GRND & 2ND FLR)

SANITARY

- P-1 PLUMBING RO-IN LAYOUT, ROOF DRAIN LAYOUT & ISOMETRIC VIEW
- P-2 SEPTIC TANK, CATCH BASIN DETAILS LEGEND, NOTES & DESIGN CRITERIA



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF EDUCATION (DepED)
TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING
MERALCO AVENUE, PASIG CITY



CONSULTANT / DESIGNER

ALBERT Z. DE BELEN

ARCHITECT IV

PRC NO. : 0010990 TIN : 149 460 161

PTR NO. : DATE : 27 OCT. 2002

REVIEWED BY:

EMMANUEL M. MONTAPAY

CHIEF / ARCHITECTURAL DIVISION
BUREAU OF DESIGN, DPWH

RECOMMENDING APPROVAL :

SOFIA T. SANTIAGO

OIC, DIRECTOR III
BUREAU OF DESIGN, DPWH

APPROVED FOR ACCREDITATION :

GILBERTO S. REYES

OIC, DIRECTOR IV
BUREAU OF DESIGN, DPWH

CONCURRED :

RAMON C. BACANI

UNDERSECRETARY
DEPARTMENT OF EDUCATION (DepED)

PROJECT TITLE :

**TWO STOREY
FOUR CLASSROOM
SCHOOL BUILDING**

LOCATION :

PROJECT NO:

DESIGNED BY:

ENCODED BY: Max C

CHECKED BY:

DATE :

OWNER :

**DEPARTMENT OF EDUCATION
DepED**

SHEET CONTENTS : PERSPECTIVE VIEW
TABLE OF CONTENTS

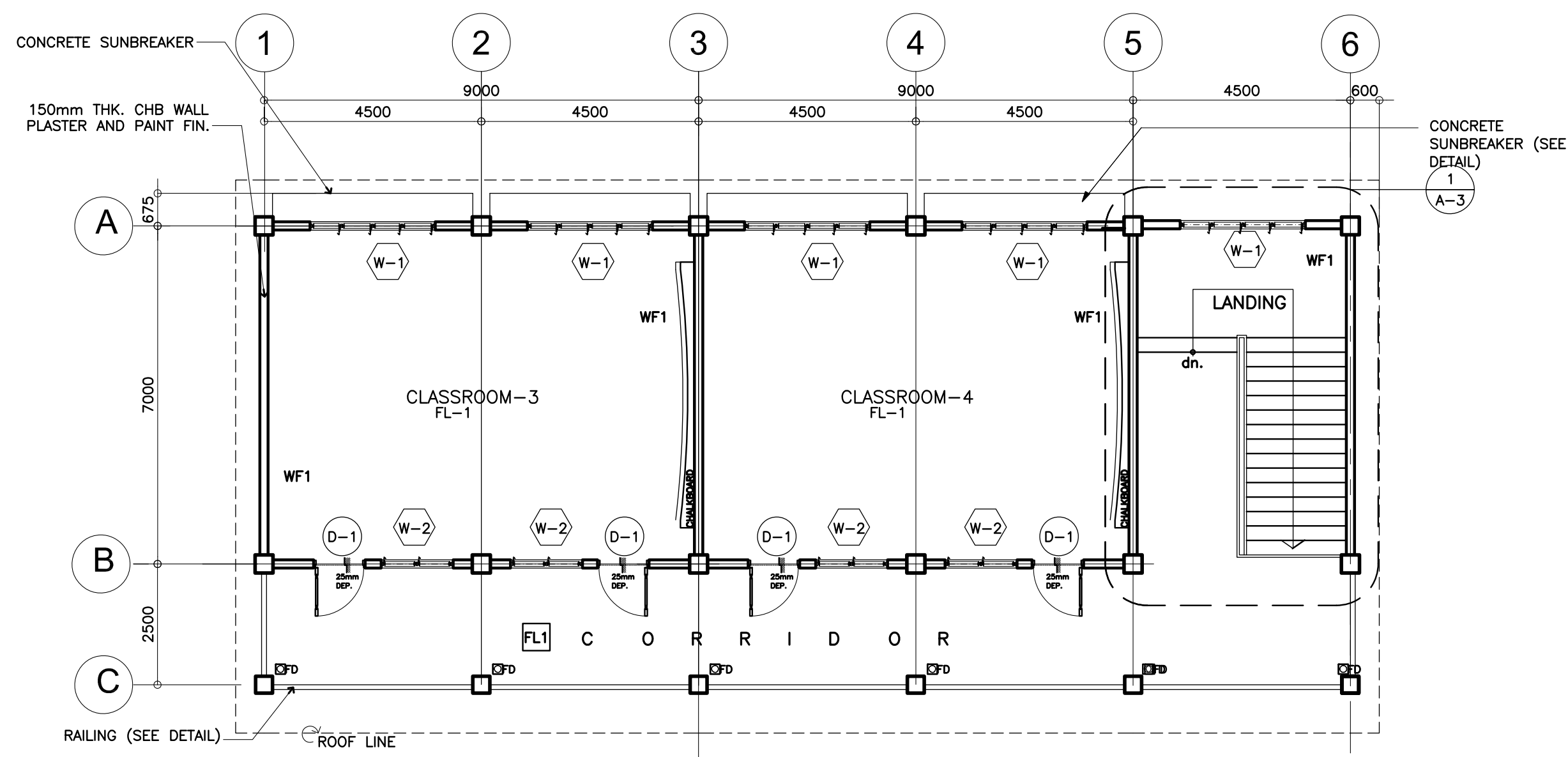
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**A-1
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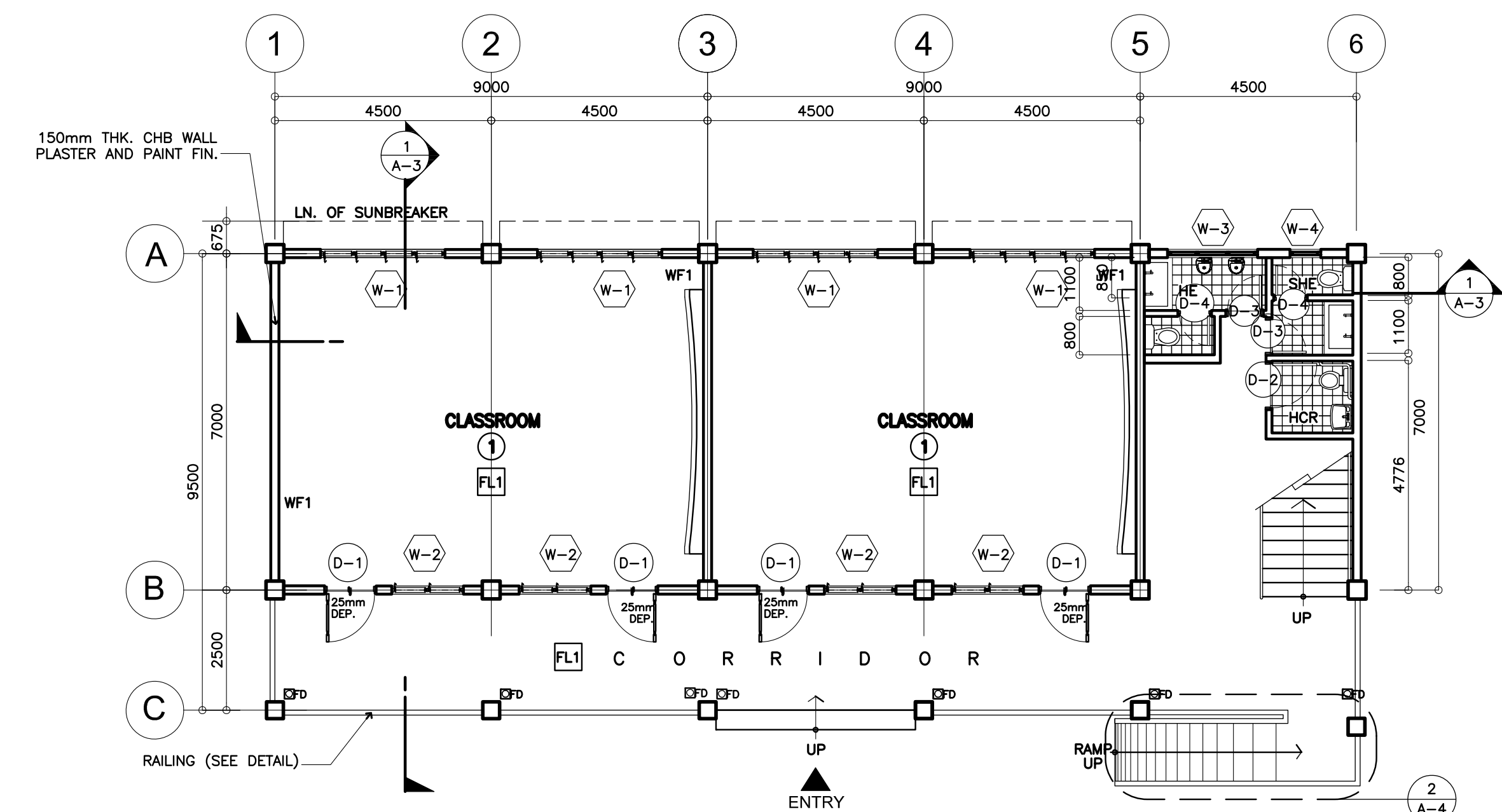
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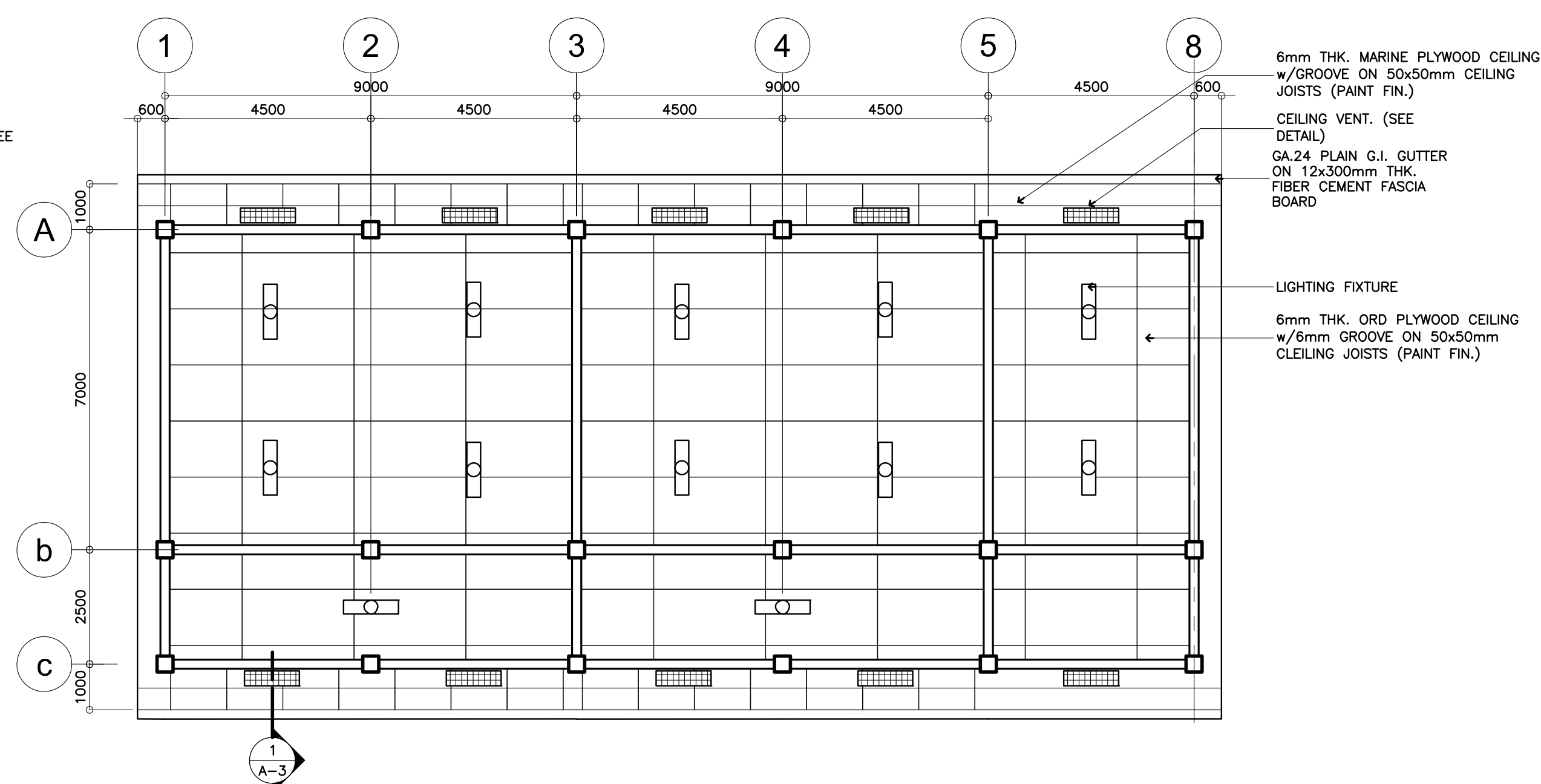
REP. ACT 545



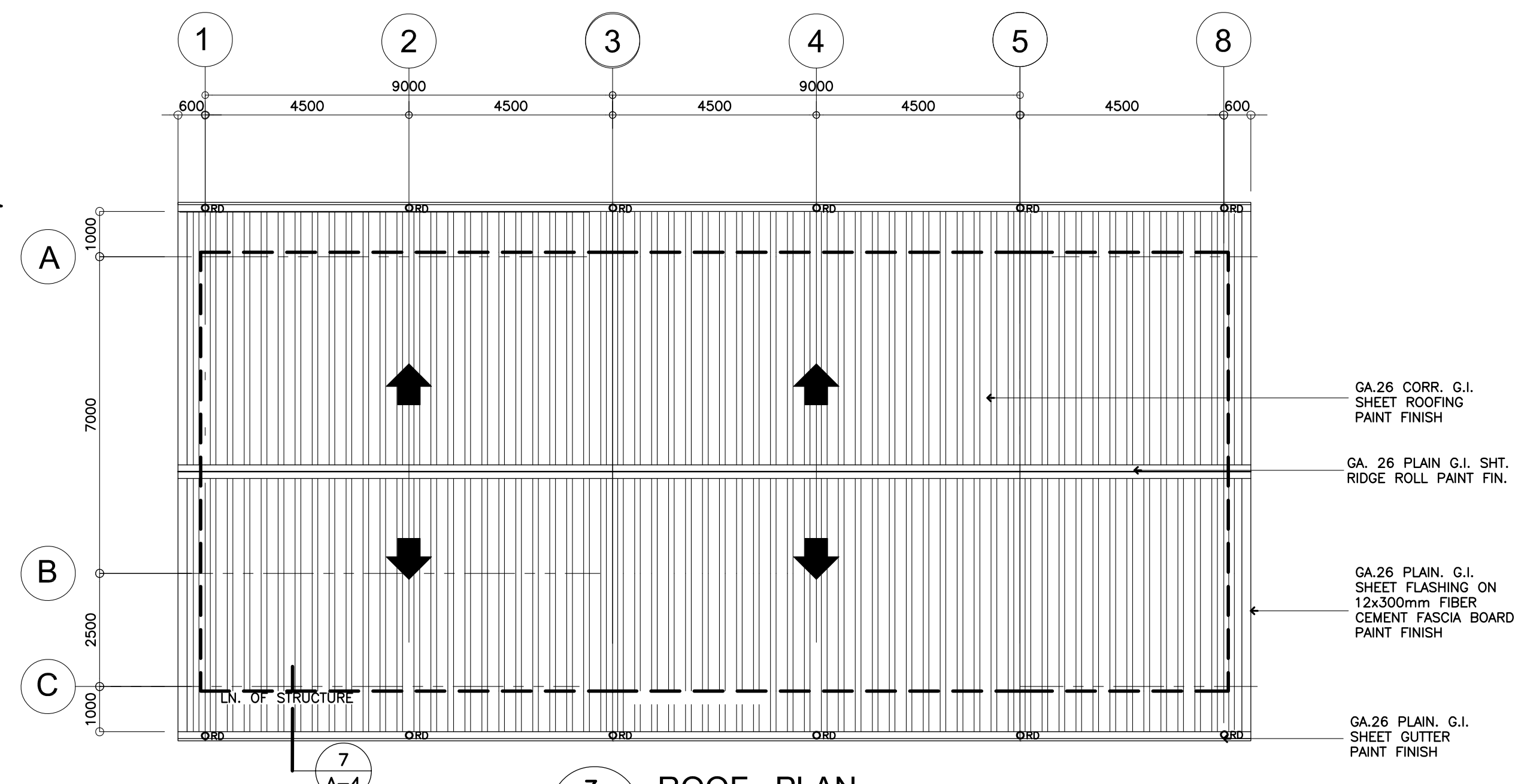
1
A-2 **SECOND FLOOR PLAN**
SCALE : 1 : 100 METERS



2
A-2 **GROUND FLOOR PLAN**
SCALE : 1 : 100 METERS



4
A-2 **SECOND FLOOR REFLECTED CEILING PLAN**
SCALE : 1 : 100 METERS



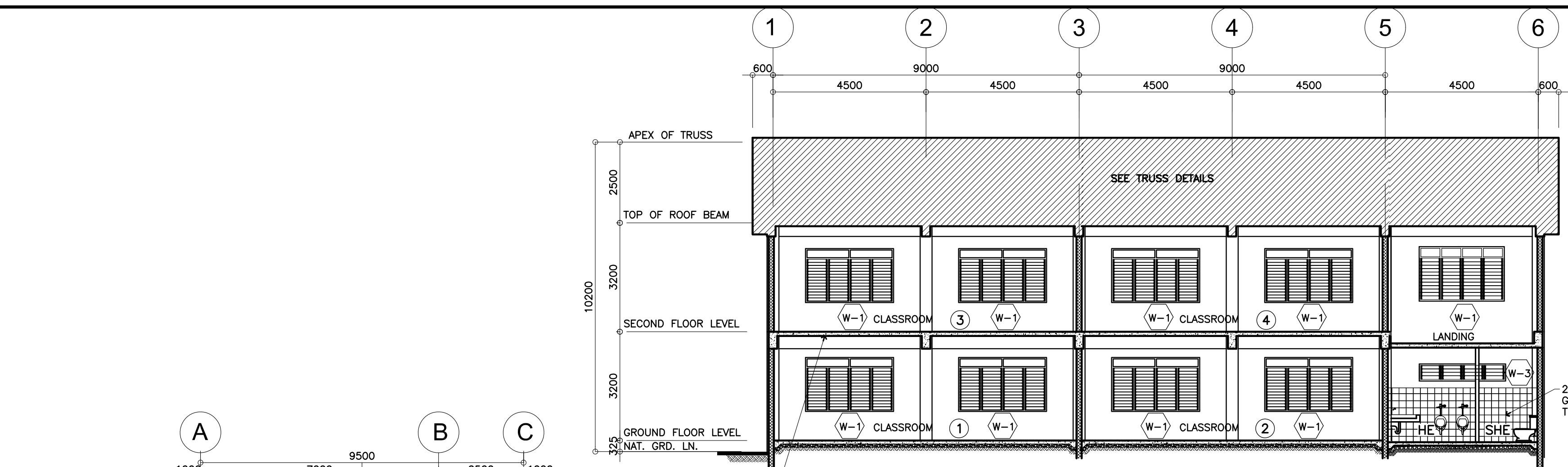
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A-4 **ROOF PLAN**
SCALE : 1 : 100 METERS

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION (DepED) TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING MERALCO AVENUE, PASIG CITY</p>	<p>CONSULTANT / DESIGNER ALBERT Z. DE BELEN ARCHITECT IV PRC NO. : 0010990 TIN : 149 460 161 PTR NO. : DATE : 27 OCT. 2002</p>	<p>REVIEWED BY: EMANUEL M. MONTAPAY CHIEF / ARCHITECTURAL DIVISION BUREAU OF DESIGN, DPWH</p>	<p>RECOMMENDING APPROVAL : SOPIA T. SANTIAGO OIC, DIRECTOR III BUREAU OF DESIGN, DPWH</p>	<p>APPROVED FOR ACCREDITATION : GILBERTO S. REYES OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH</p>	<p>CONCURRED : RAMON C. BACANI UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)</p>	<p>PROJECT TITLE : TWO STOREY FOUR CLASSROOM SCHOOL BUILDING LOCATION :</p>	<p>PROJECT NO: DESIGNED BY: ENCODED BY: Max C CHECKED BY: DATE :</p>	<p>OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : GROUND, SECOND, REFLECTED CEILING, & ROOF PLAN</p>	<p>SHEET NO: A-2 6</p>
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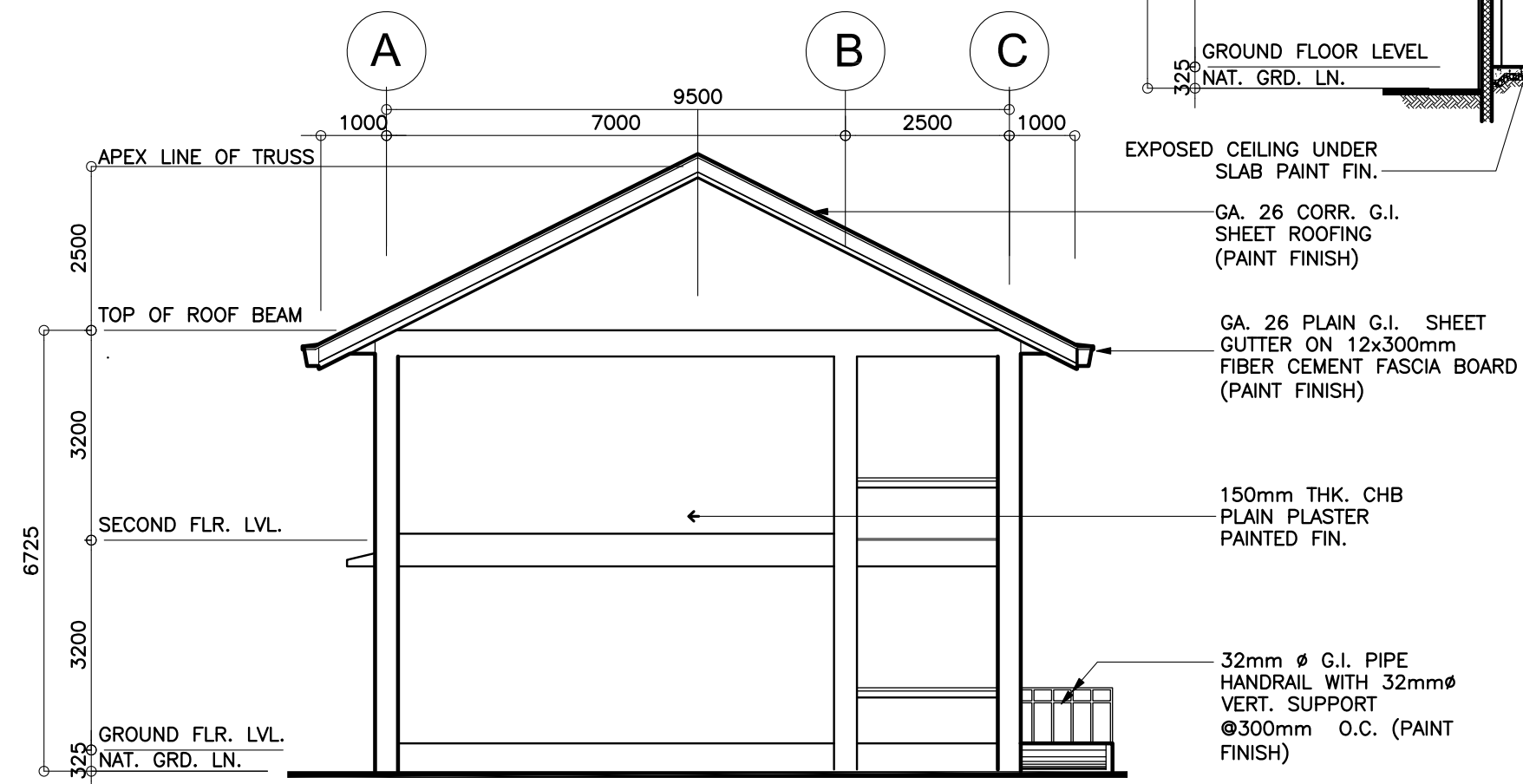
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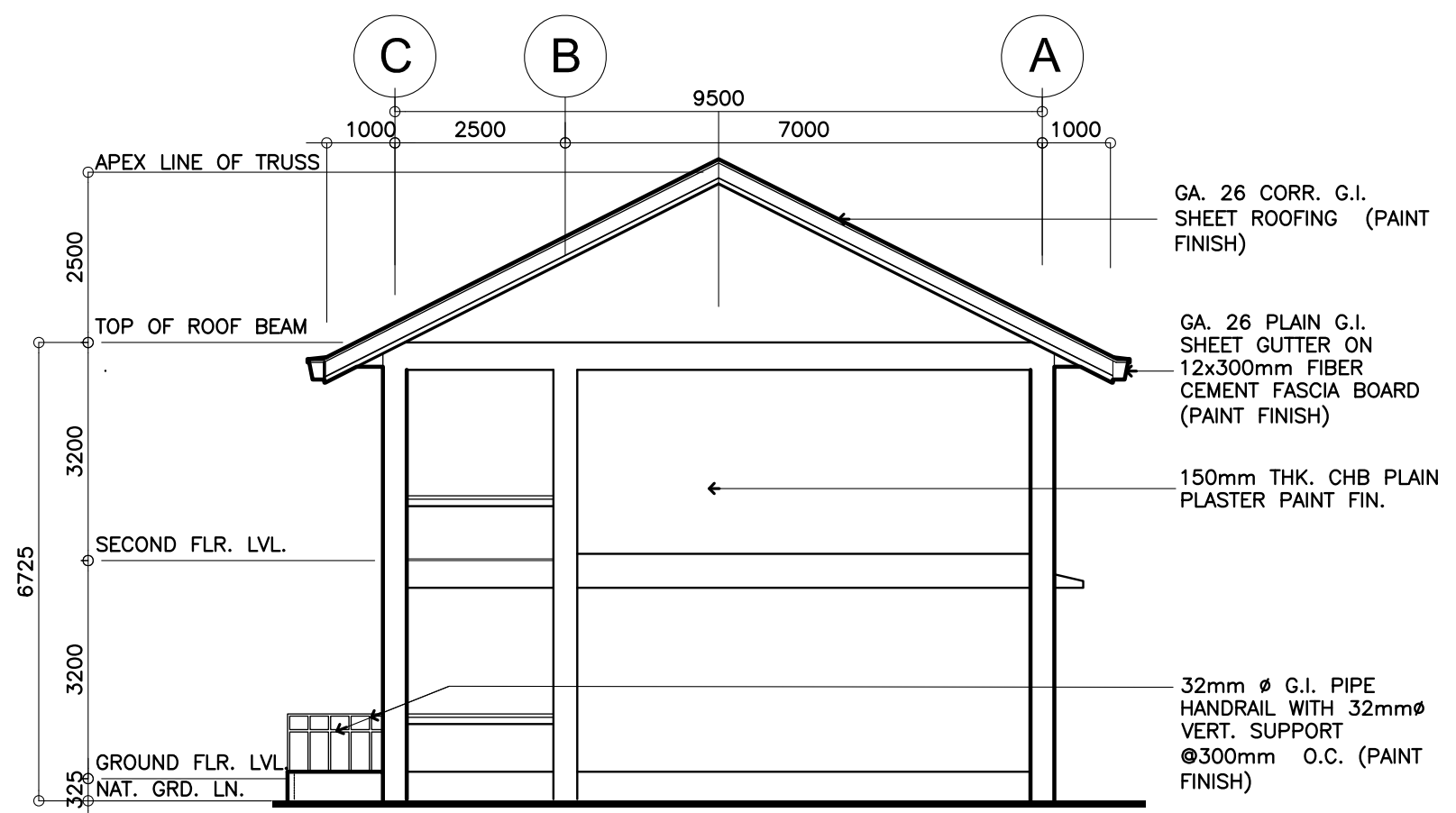
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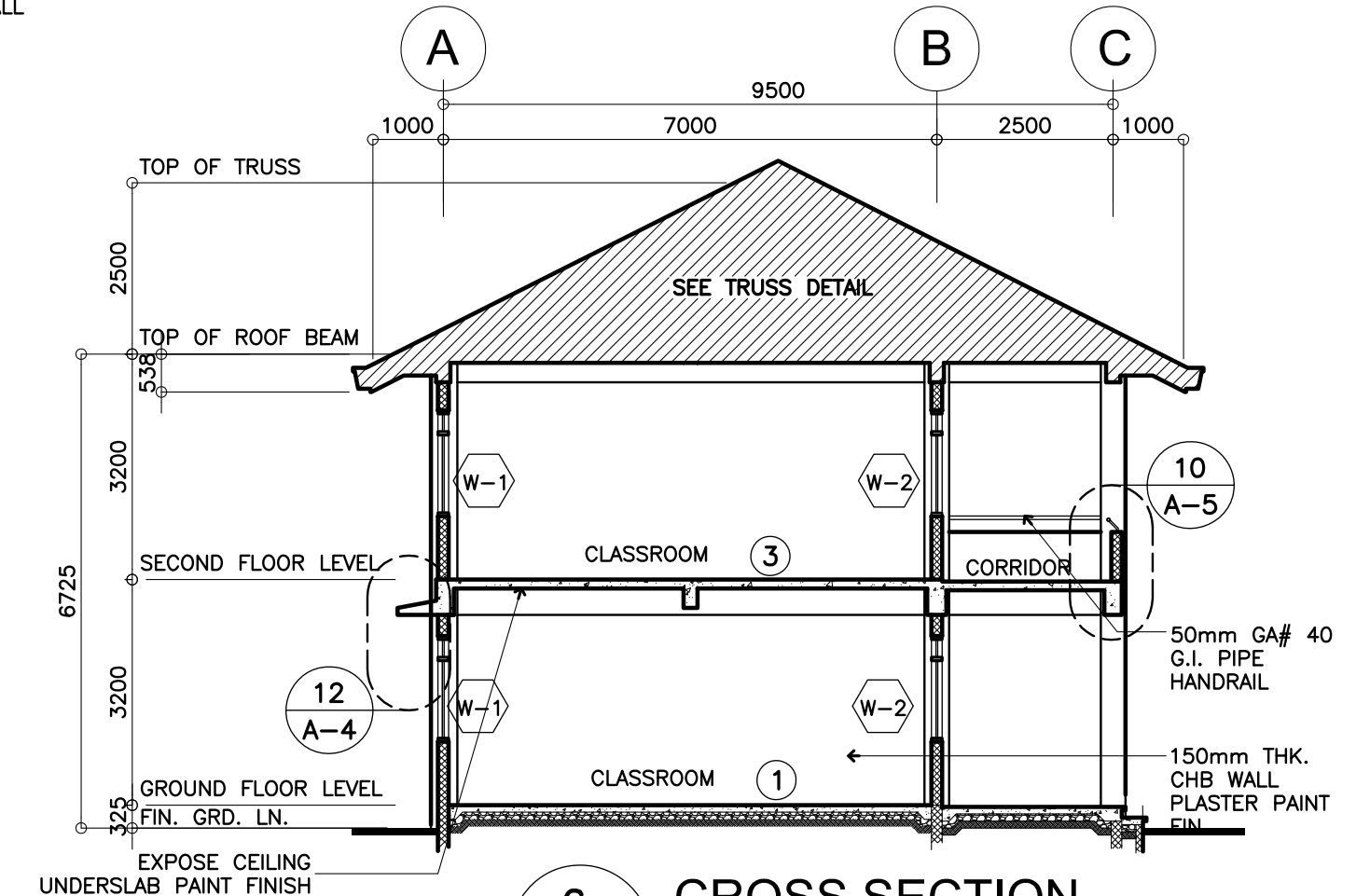
3 LONGITUDINAL SECTION
A-3 SCALE : 100



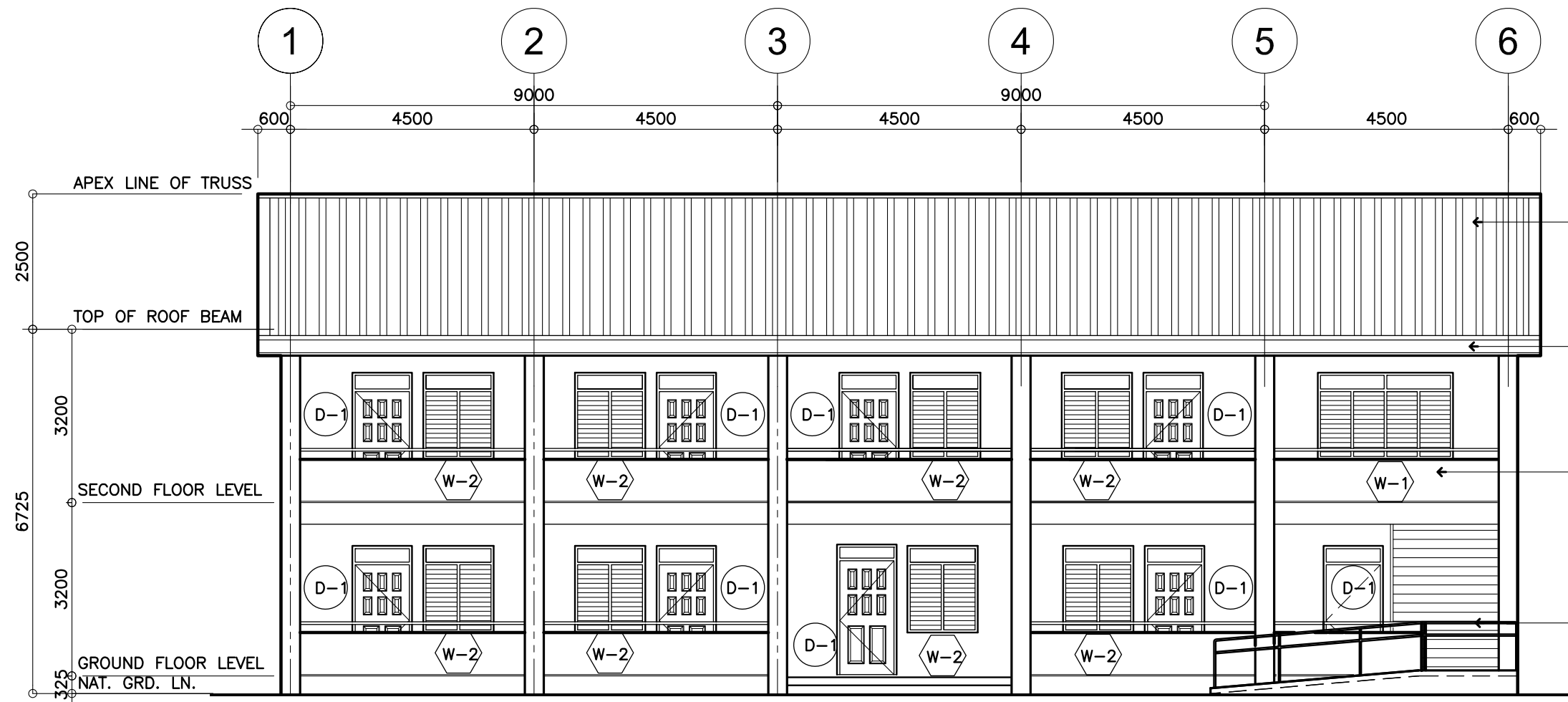
2 LEFT SIDE ELEVATION
A-3 SCALE : 1 : 100 METERS



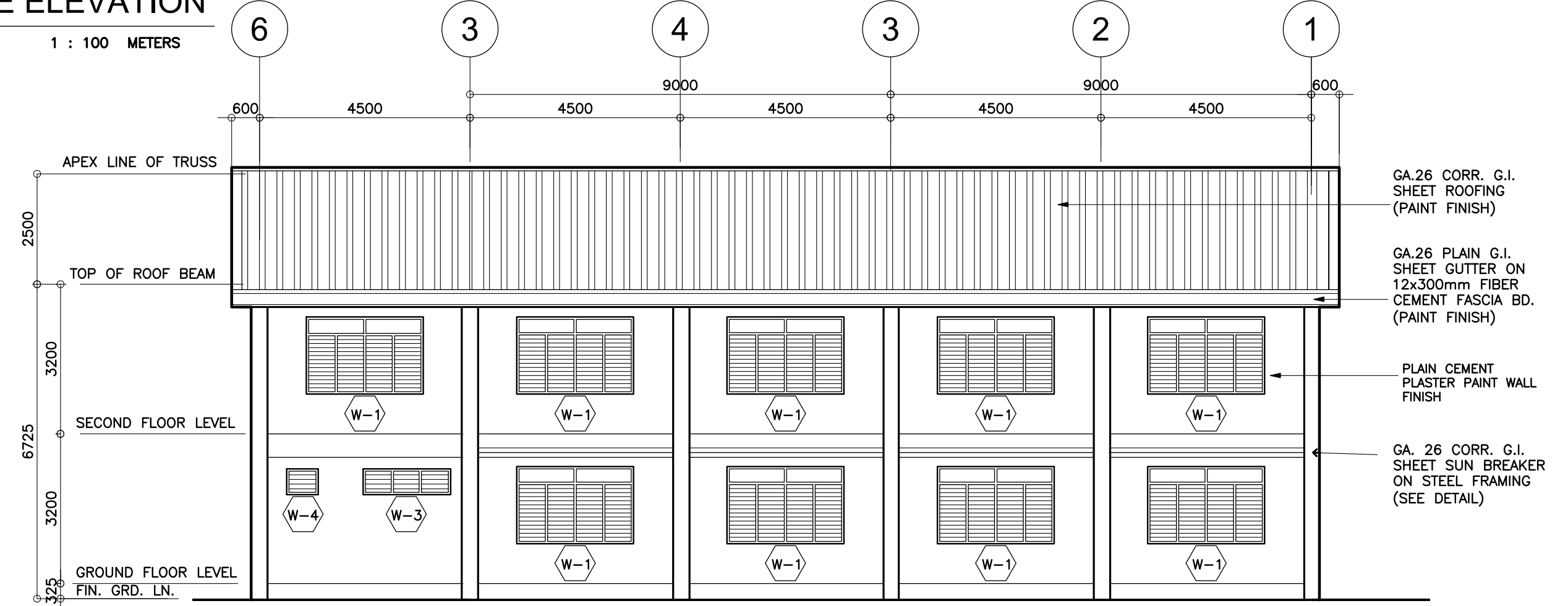
4 RIGHT SIDE ELEVATION
A-3 SCALE : 1 : 100 METERS



6 CROSS SECTION
A-3 SCALE : 1 : 100 METERS



1 FRONT ELEVATION
A-3 SCALE : 1 : 100 METERS



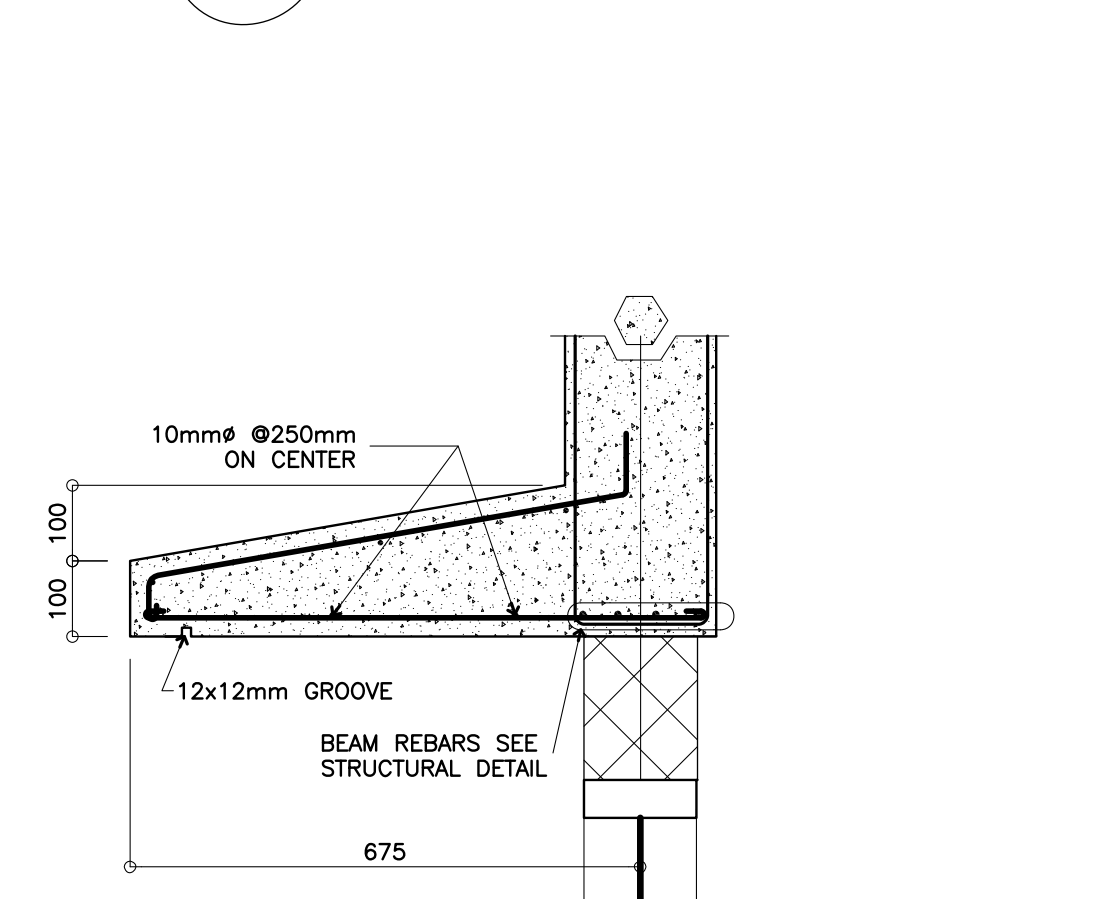
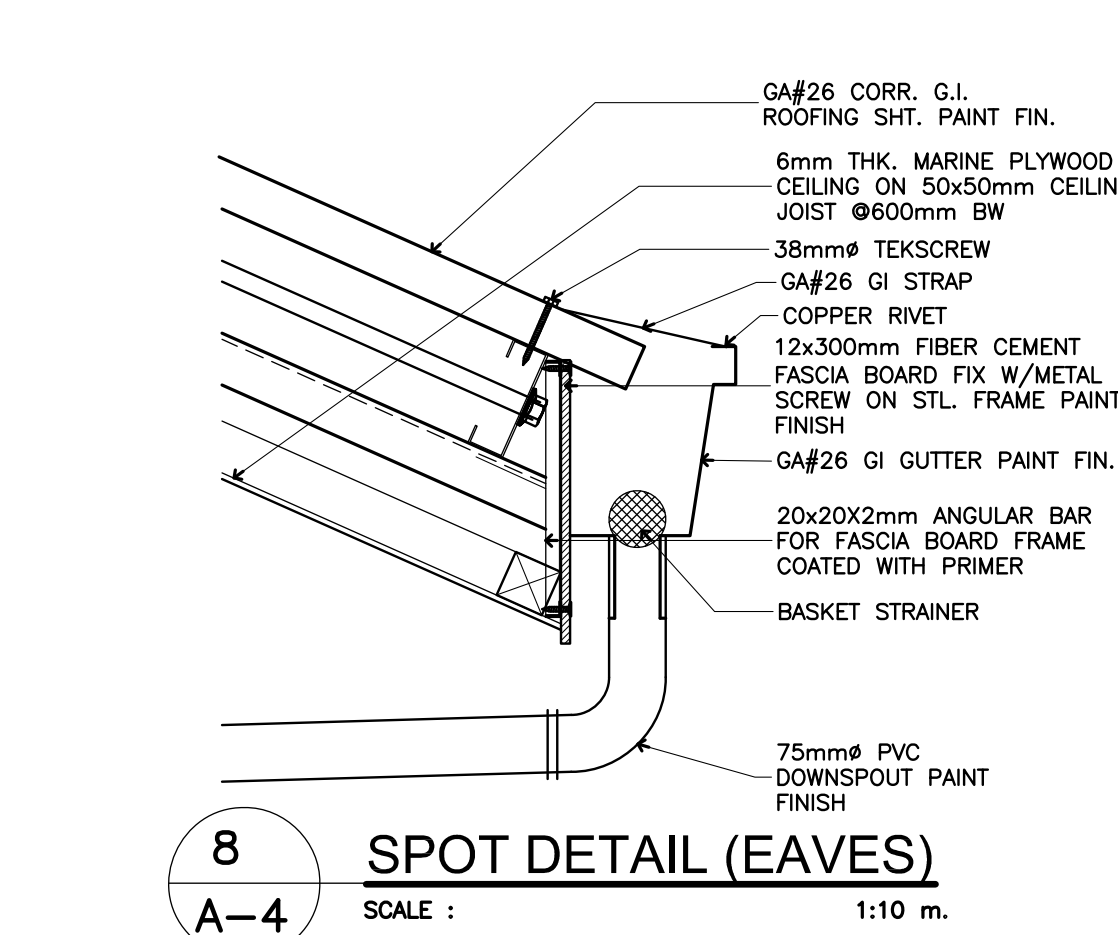
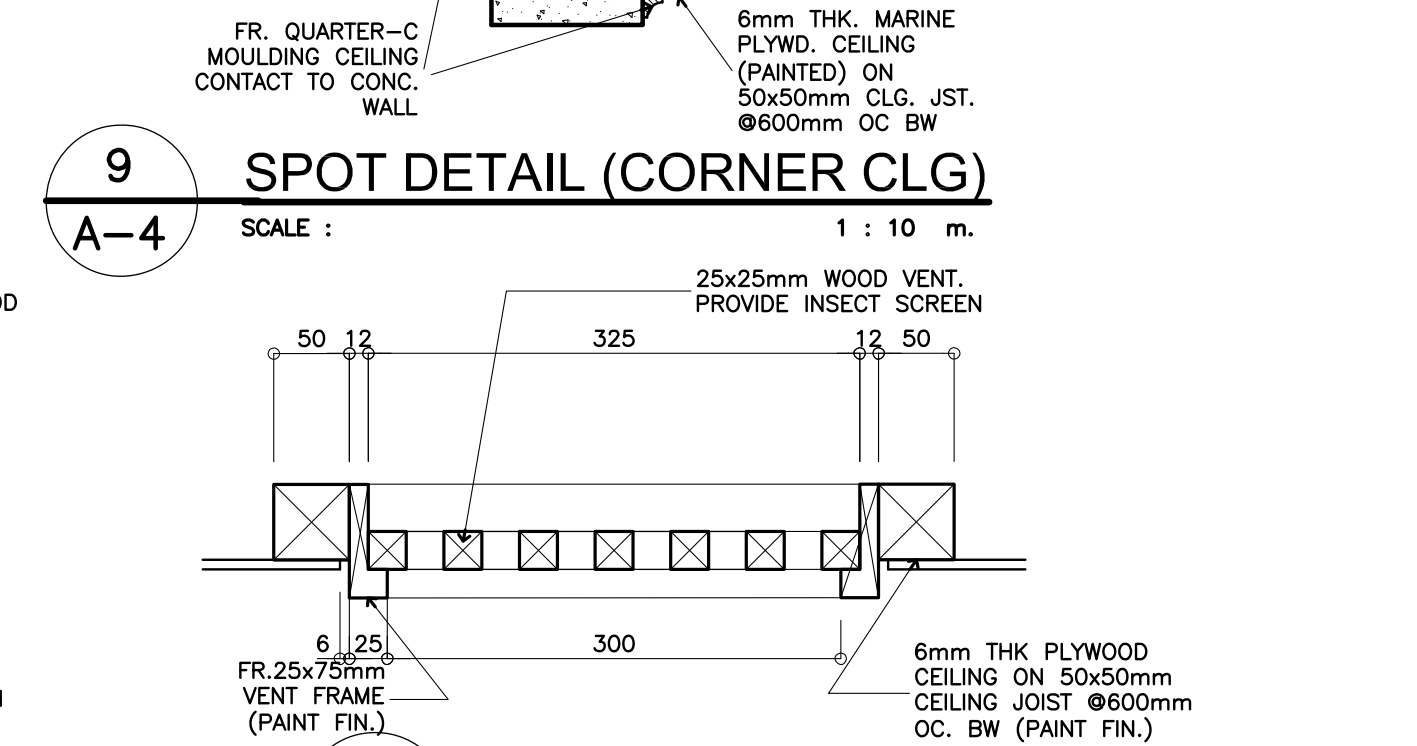
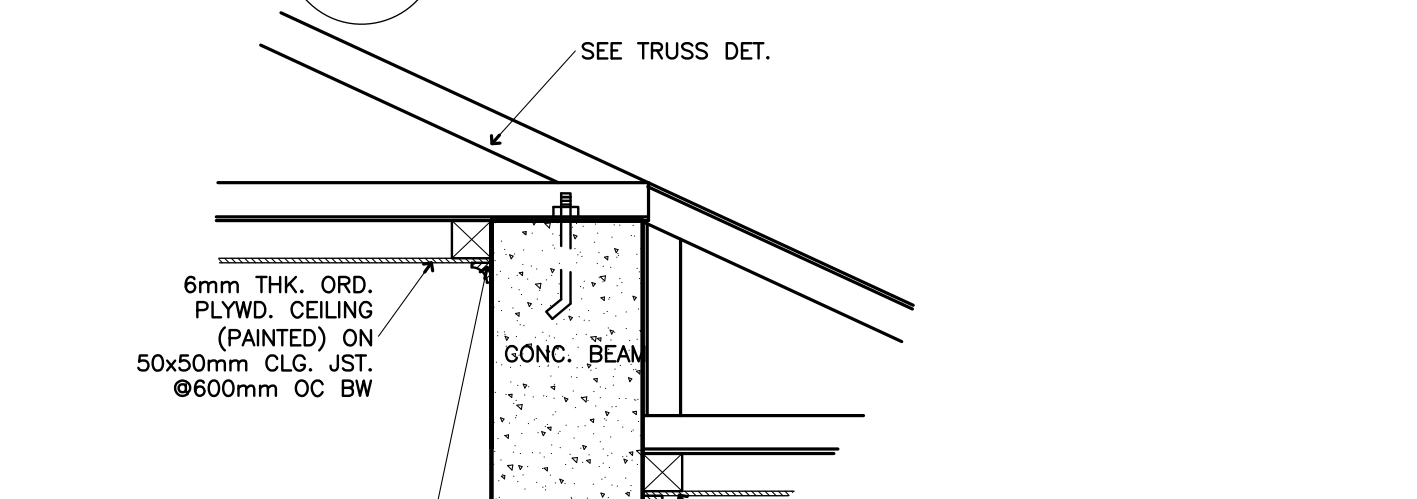
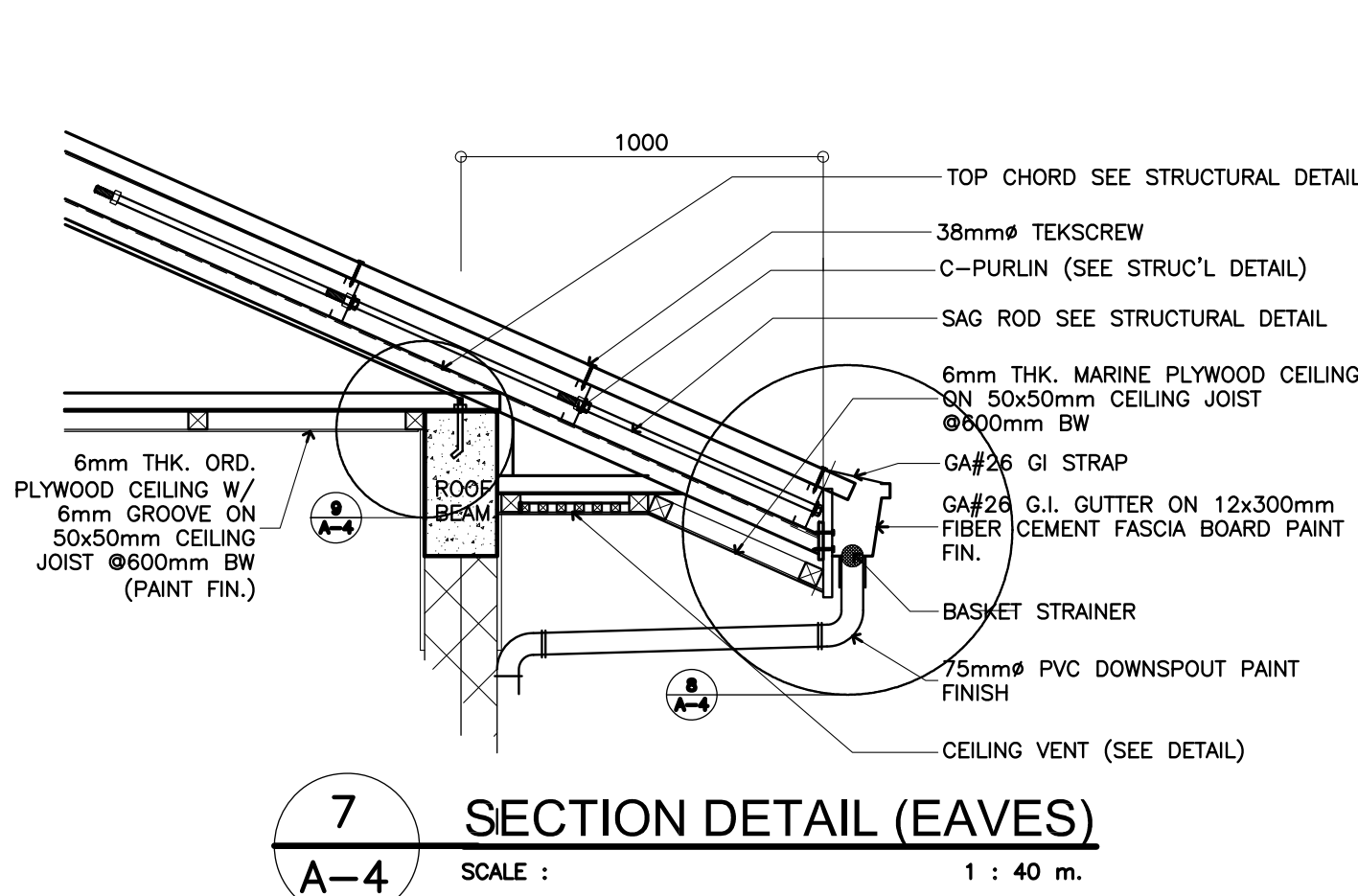
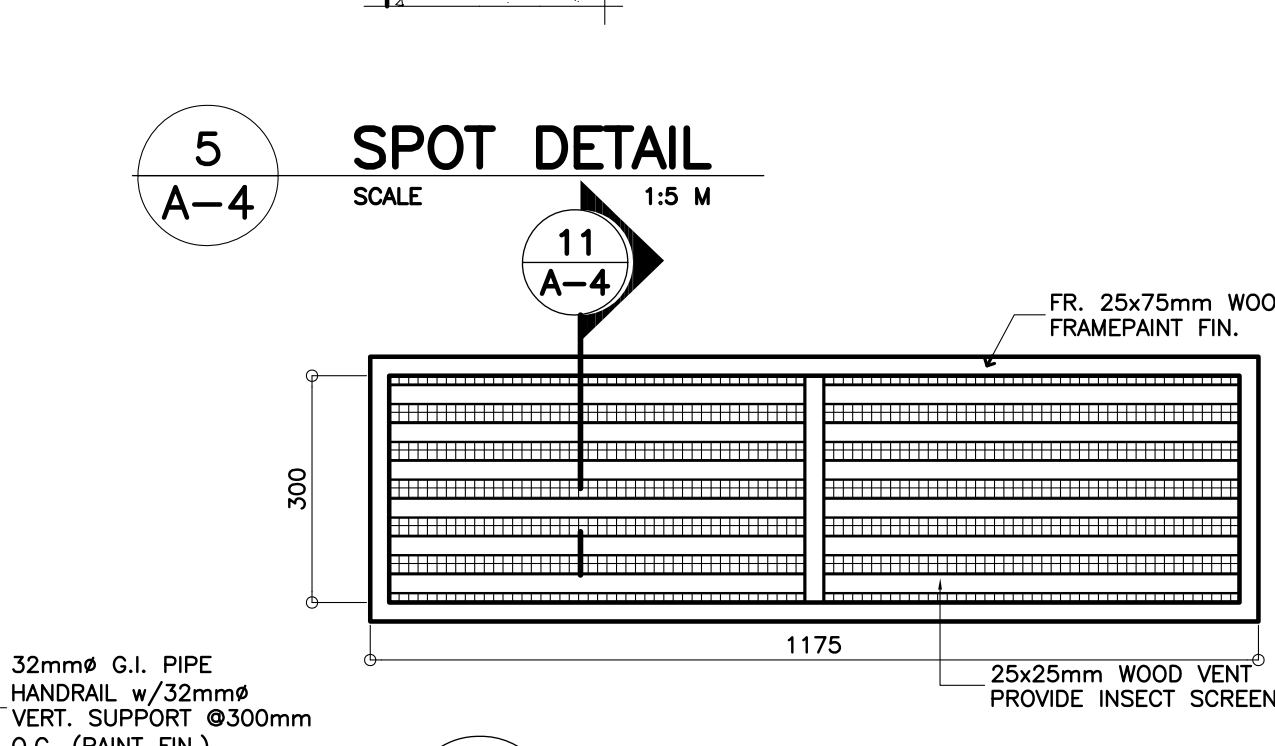
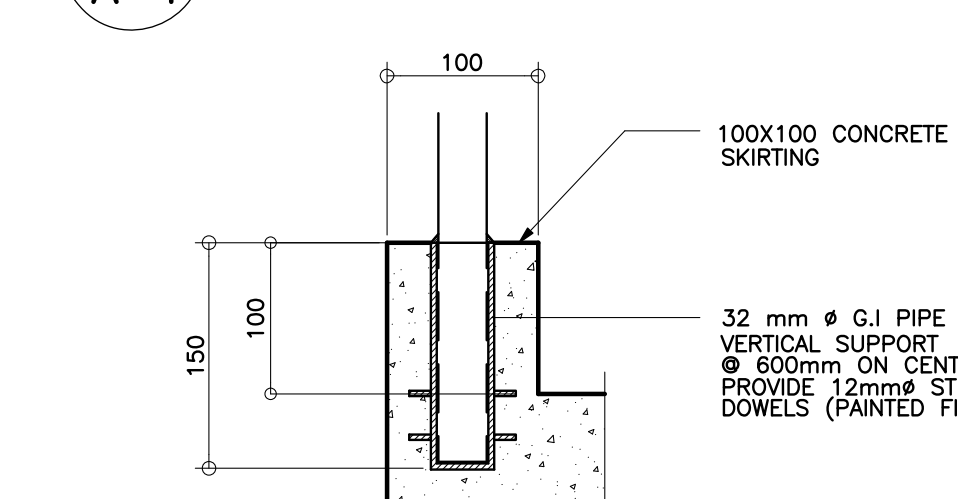
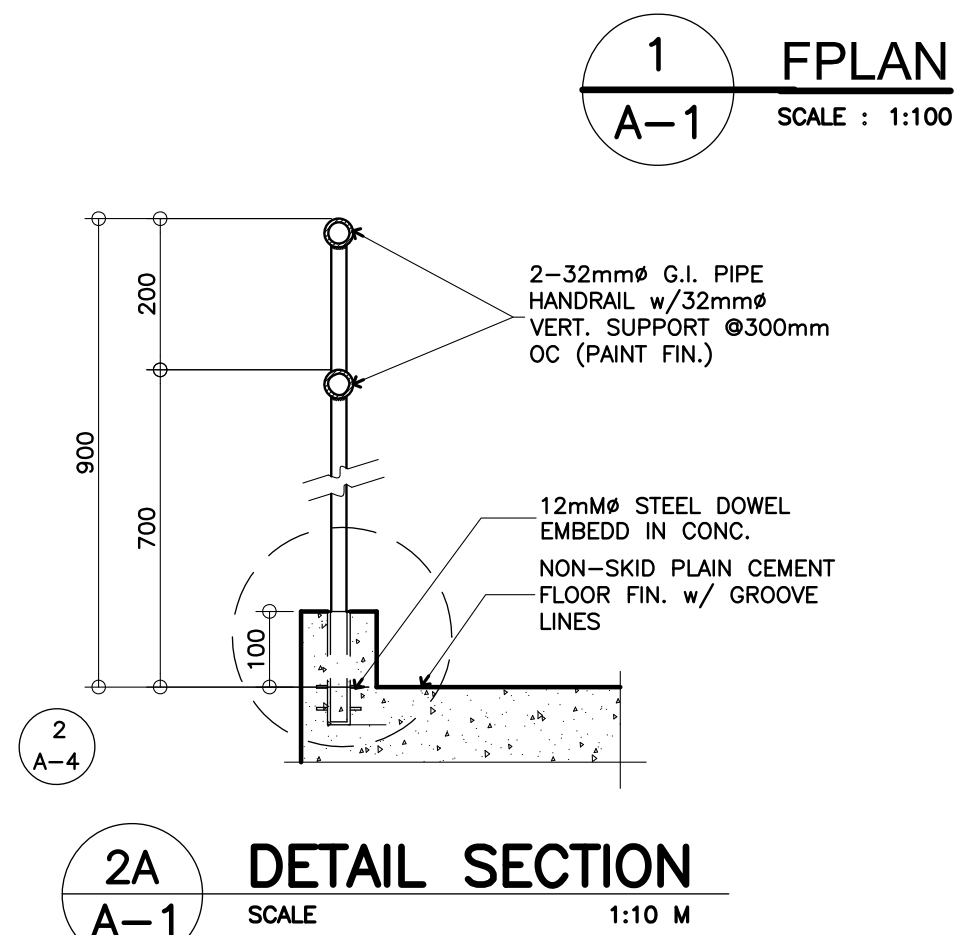
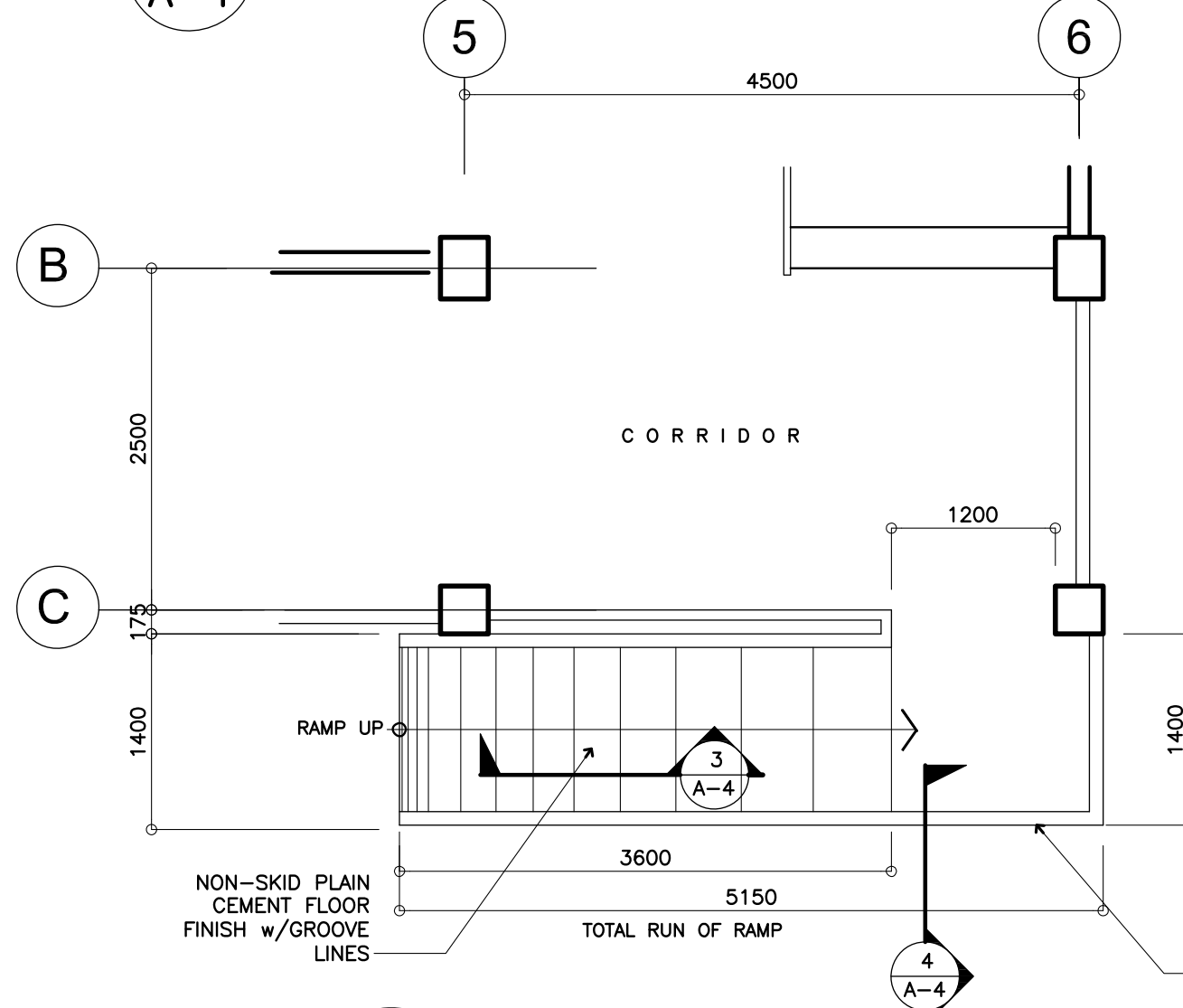
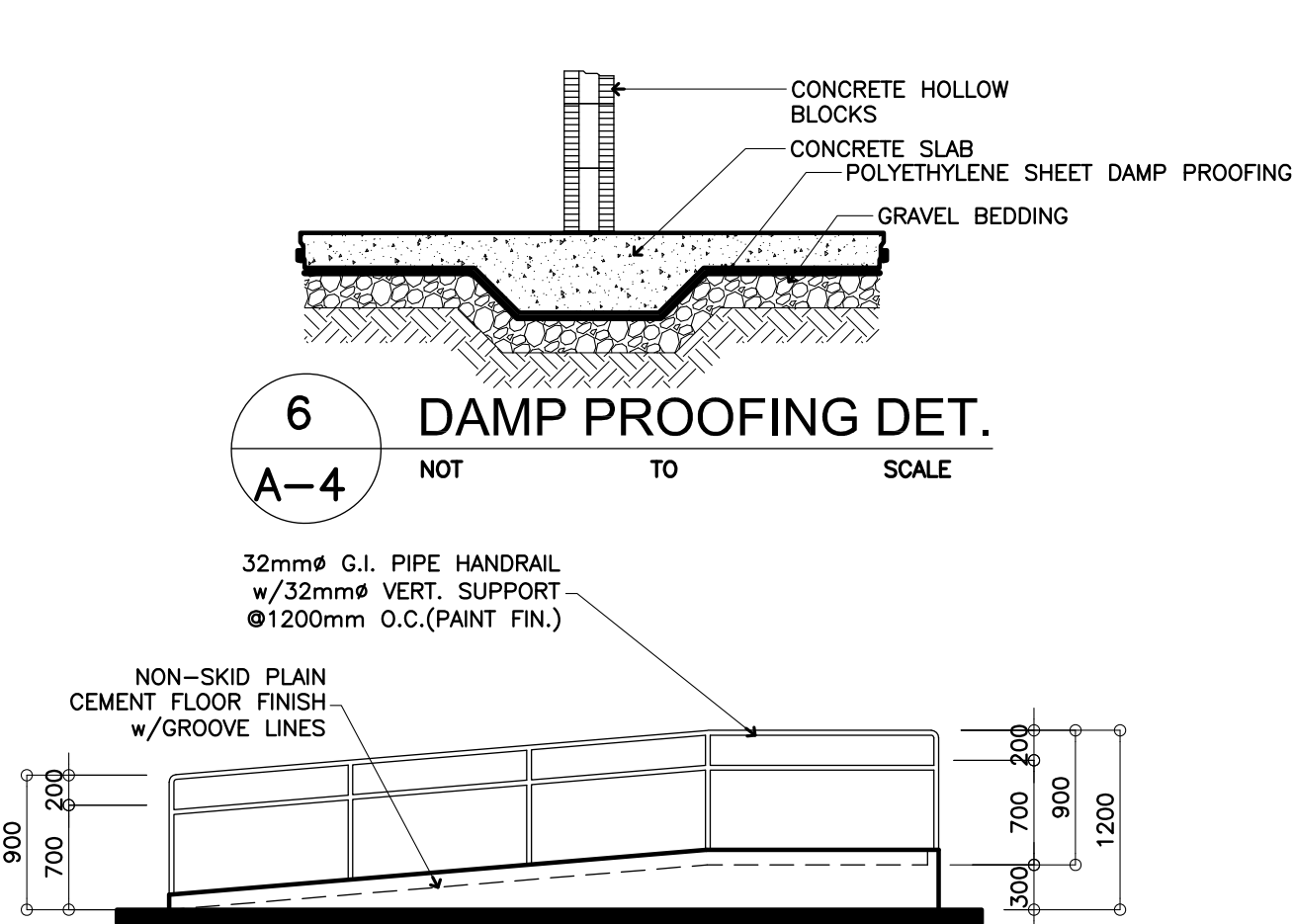
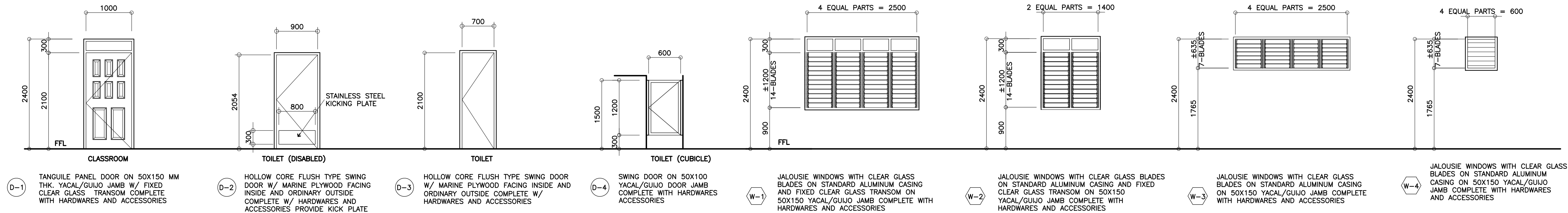
5 REAR ELEVATION
A-4 SCALE : 1 : 100 METERS

	CONSULTANT / DESIGNER	REVIEWED BY:	RECOMMENDING APPROVAL :	APPROVED FOR ACCREDITATION :	CONCURRED :	PROJECT TITLE :	PROJECT NO:	OWNER :	SHEET NO:
	 ALBERT Z. DE BELEN	 BENJAMIN S. MONTAPAY	 SOFIA T. SANTIAGO	 GILBERTO S. REYES	 RAMON C. BACANI	TWO STOREY FOUR CLASSROOM SCHOOL BUILDING	DESIGNED BY:	DEPARTMENT OF EDUCATION DepED	A-3 6
	ARCHITECT IV PRC NO. : 0010990 PTR NO. : TIN : 149 460 161 DATE : 27 OCT. 2002	CHEF / ARCHITECTURAL DIVISION BUREAU OF DESIGN, DPWH	OIC, DIRECTOR III BUREAU OF DESIGN, DPWH	OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH	UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)	LOCATION :	ENCODED BY: Max C	SHEET CONTENTS : FRONT, REAR, RIGHT ELEVATIONS SECTIONS	
							CHECKED BY:		
							DATE :		

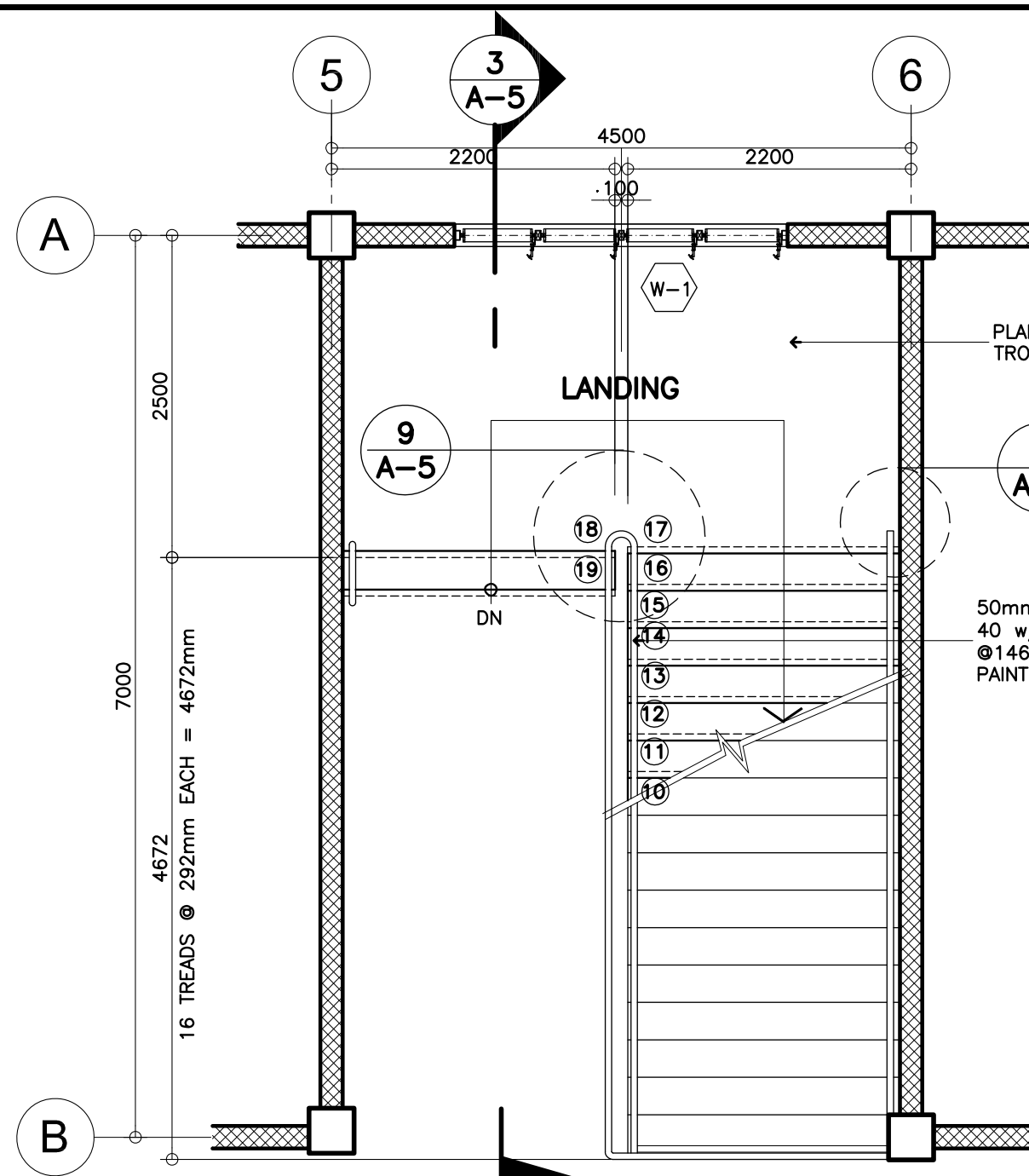
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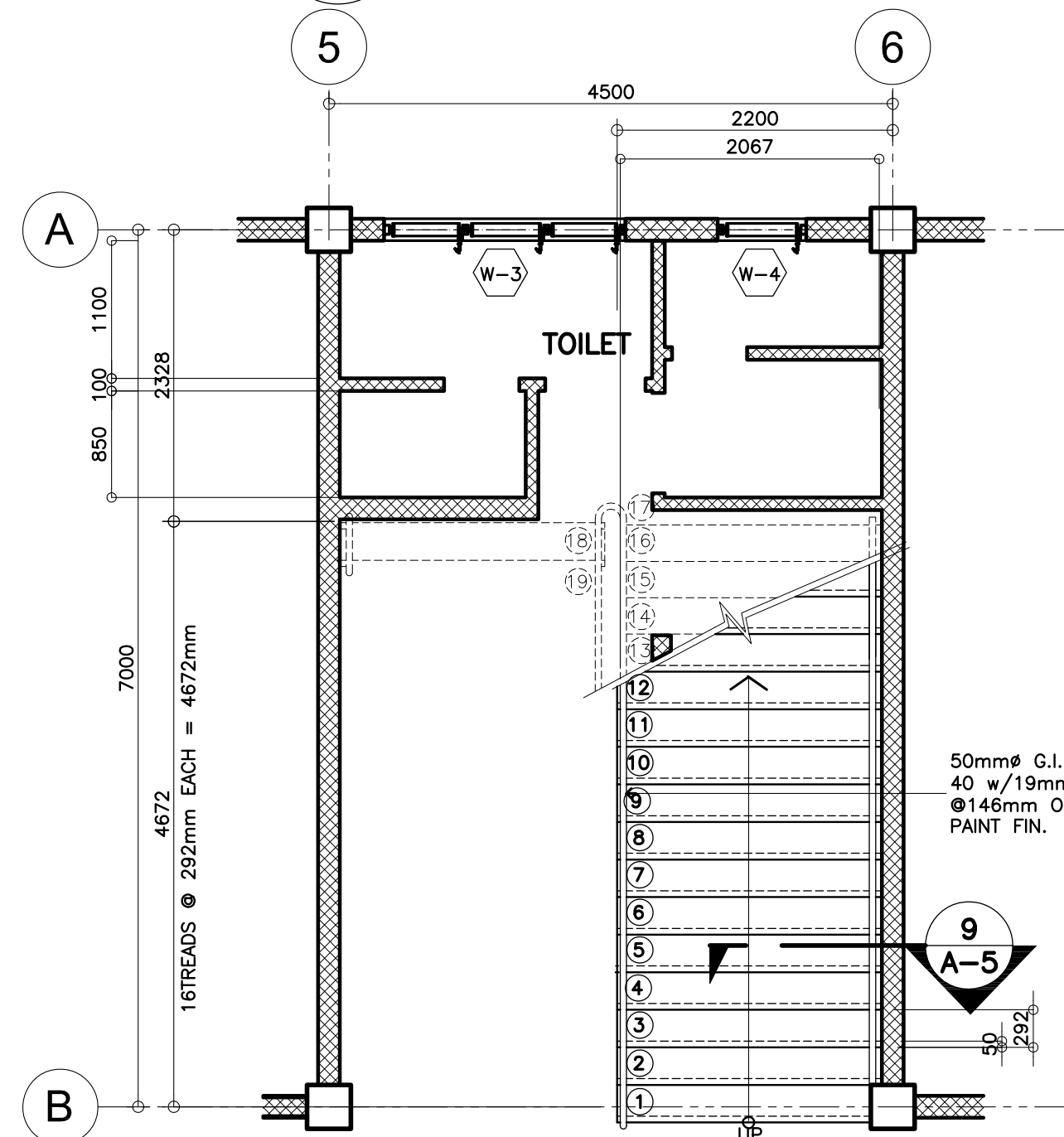
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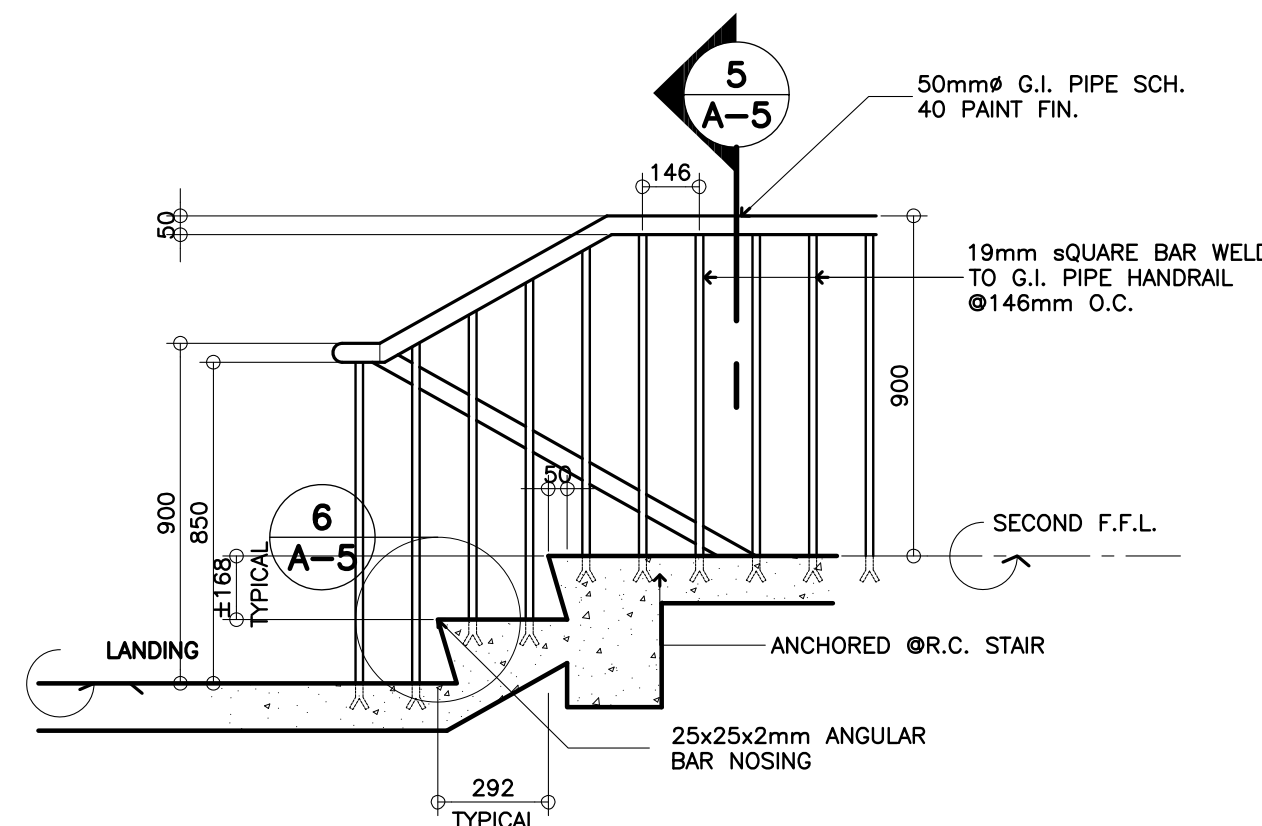
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	 ALBERT Z. DE BELEN	 RAMON C. BACANI	 GILBERT S. REYES	 RAMON C. BACANI	 RAMON C. BACANI	TWO STOREY FOUR CLASSROOM SCHOOL BUILDING	DESIGNED BY:	DEPARTMENT OF EDUCATION DepED	A-4 6
	ARCHITECT IV PRC NO. : 0010990 PTR NO. : TIN : 149 460 161 DATE : 27 OCT. 2002	 RAMON C. BACANI	 GILBERT S. REYES	 RAMON C. BACANI	 RAMON C. BACANI	LOCATION :	ENCODED BY: Max C	SHEET CONTENTS : DOOR AND WINDOW SCHEDULE RAMP, EAVES, DETAILS SUN BREAKER DETAIL	
							CHECKED BY:		
							DATE :		



2 (SECOND FLOOR TO GROUND FLOOR) DETAIL PLAN OF STAIR
A-5 SCALE : 1:50 mts

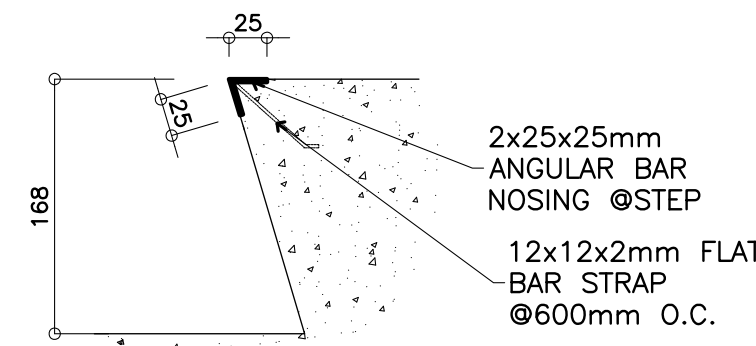


1 (GRD FLOOR TO SECOND FLOOR) DETAIL PLAN OF STAIR
A-5 SCALE : 1:100 mts



4 SECTION DETAIL
A-5 SCALE : 1:20 mts

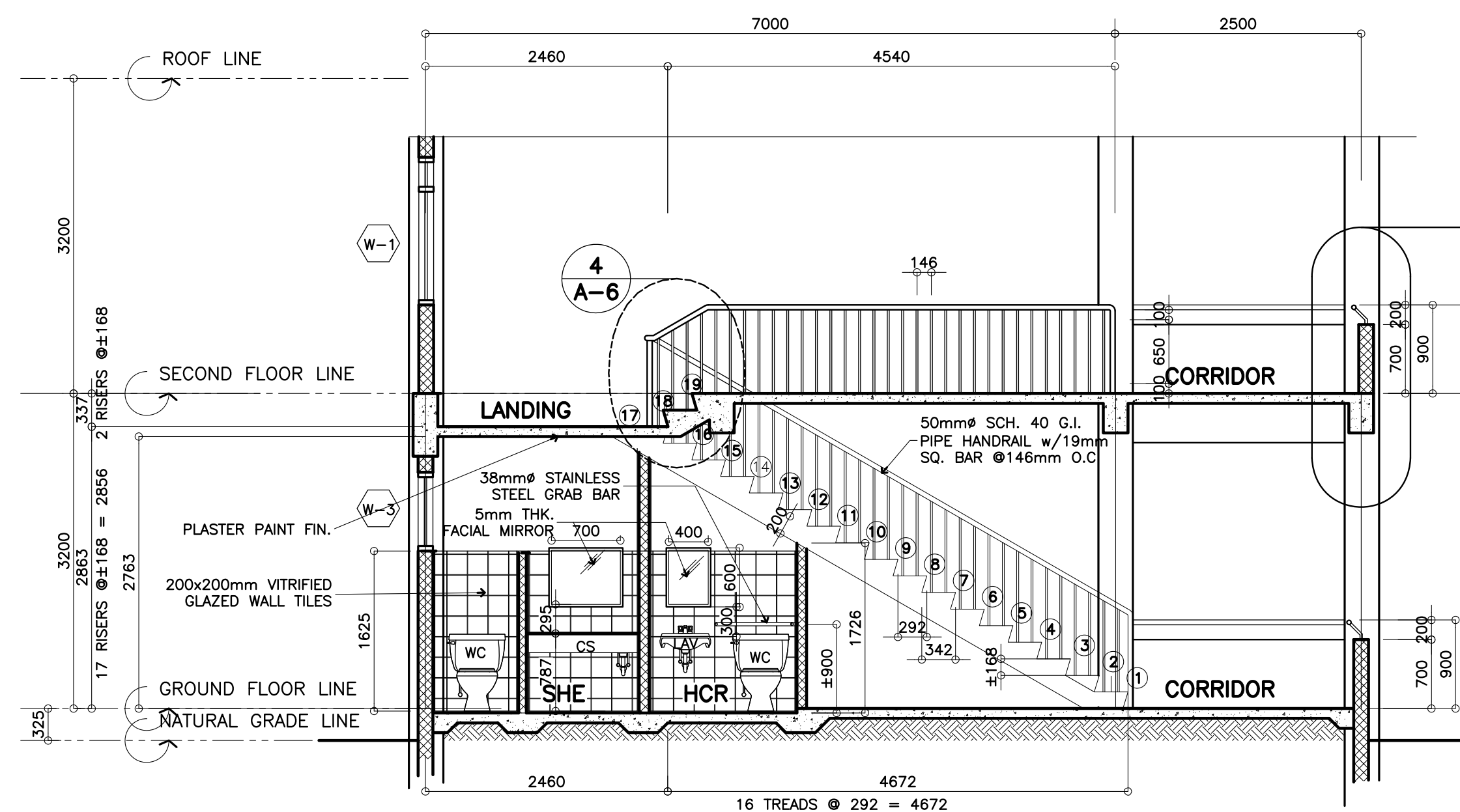
5 HANDRAIL DETAIL
A-5 SCALE : 1:20 mts



6 NOSING DETAIL
A-5 SCALE : 1:10 mts

7 CRASH RAILING
A-5 SCALE : 1:20 mts

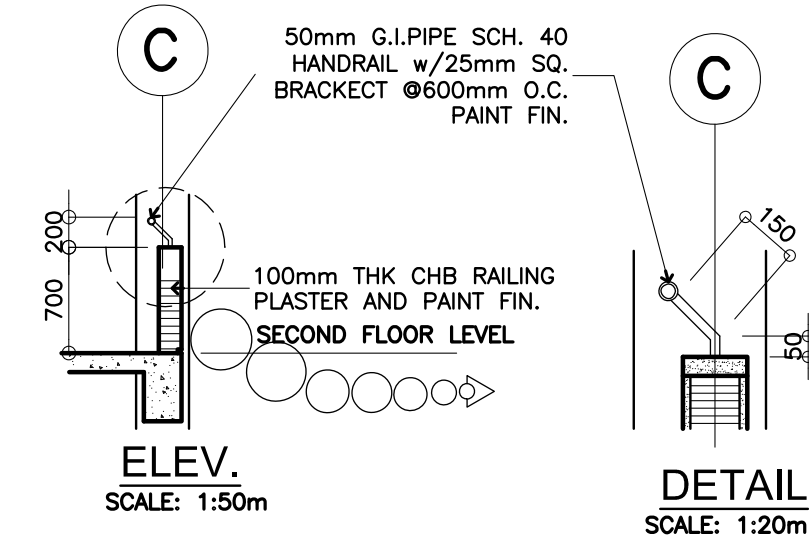
9 SPOT DETAIL
A-5 SCALE : 1:20 MTS



3 DETAIL SECTION OF STAIR
A-6 SCALE : 1:50 mts.

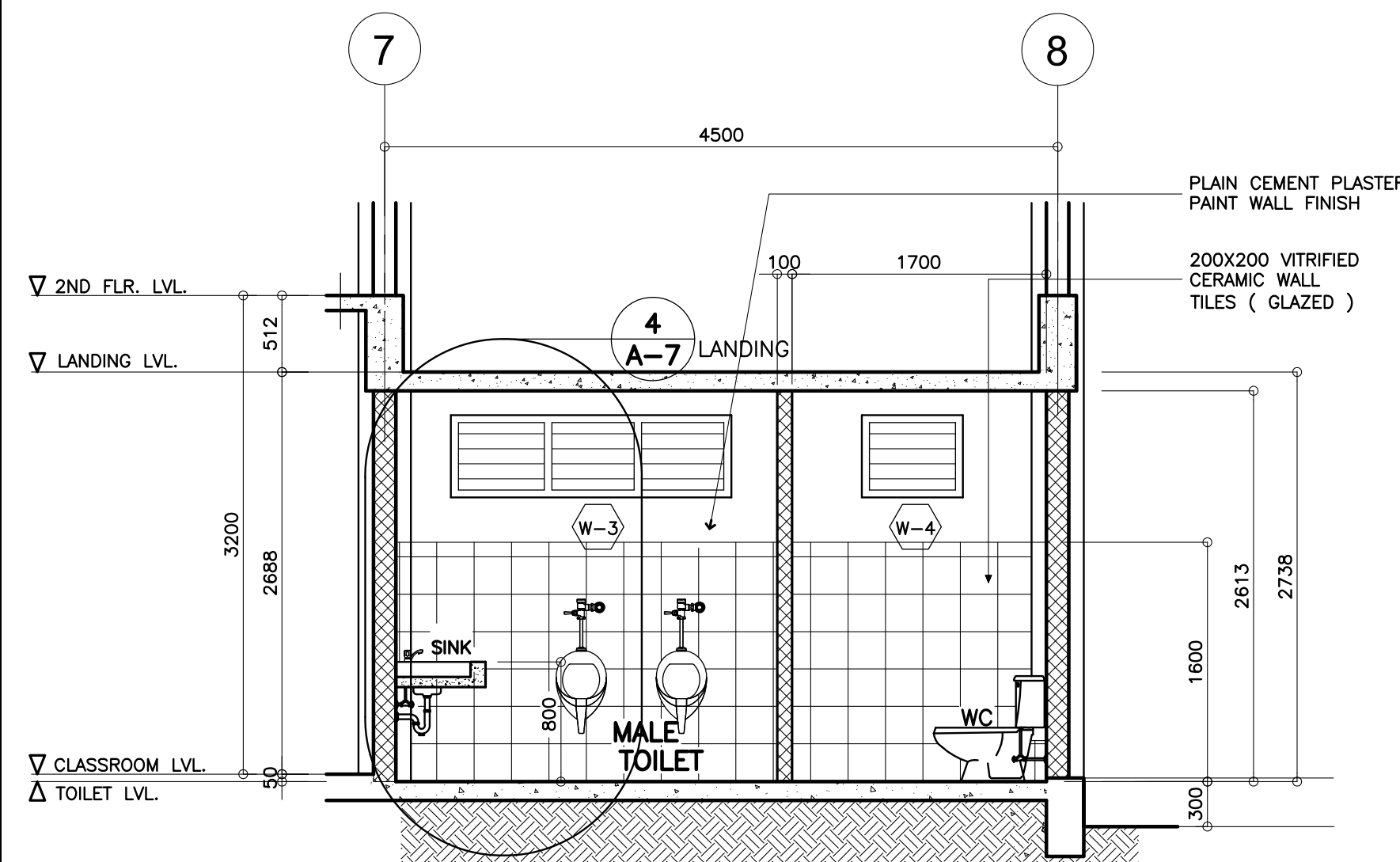
8 SPOT DETAIL
A-5 SCALE : 1:5 MTS

10 SPOT DETAIL
A-5 SCALE : 1:5 MTS

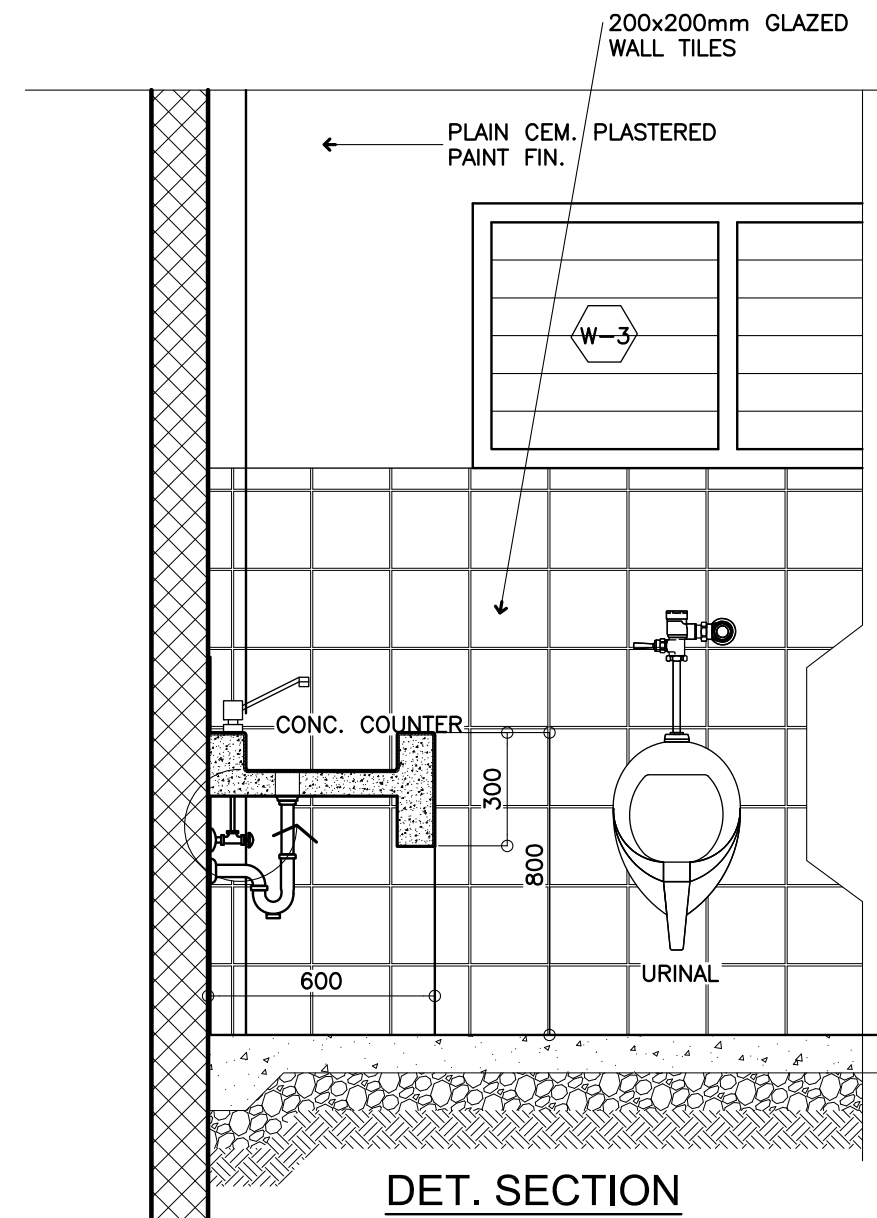


11 BALCONY RAILING DET.
A-5 SCALE: AS SHOWN

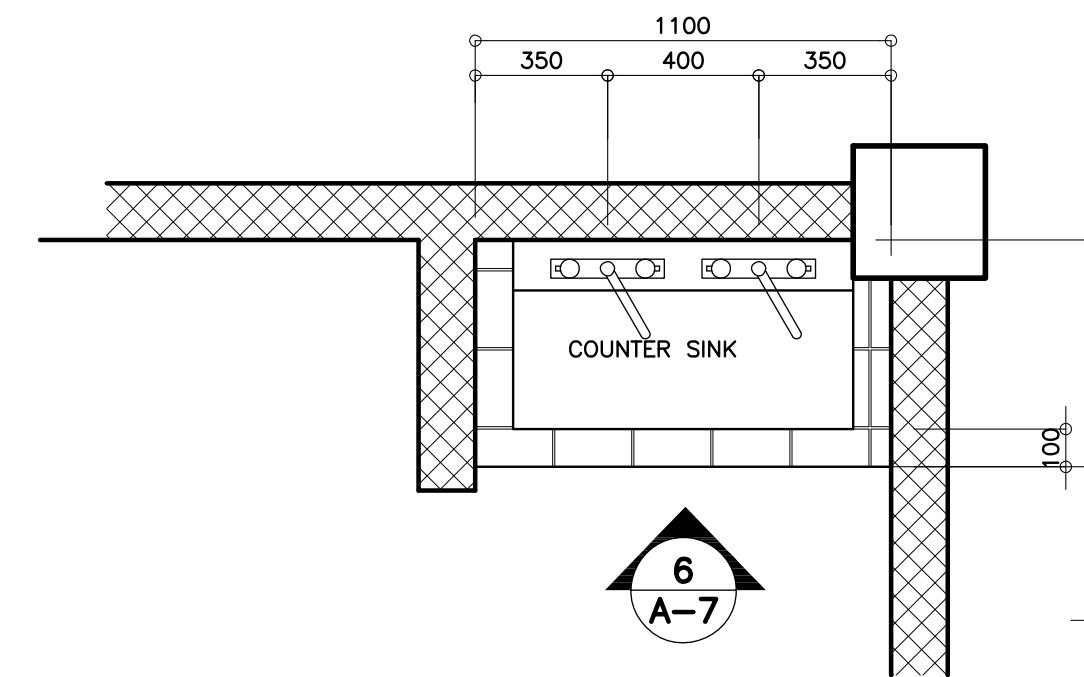
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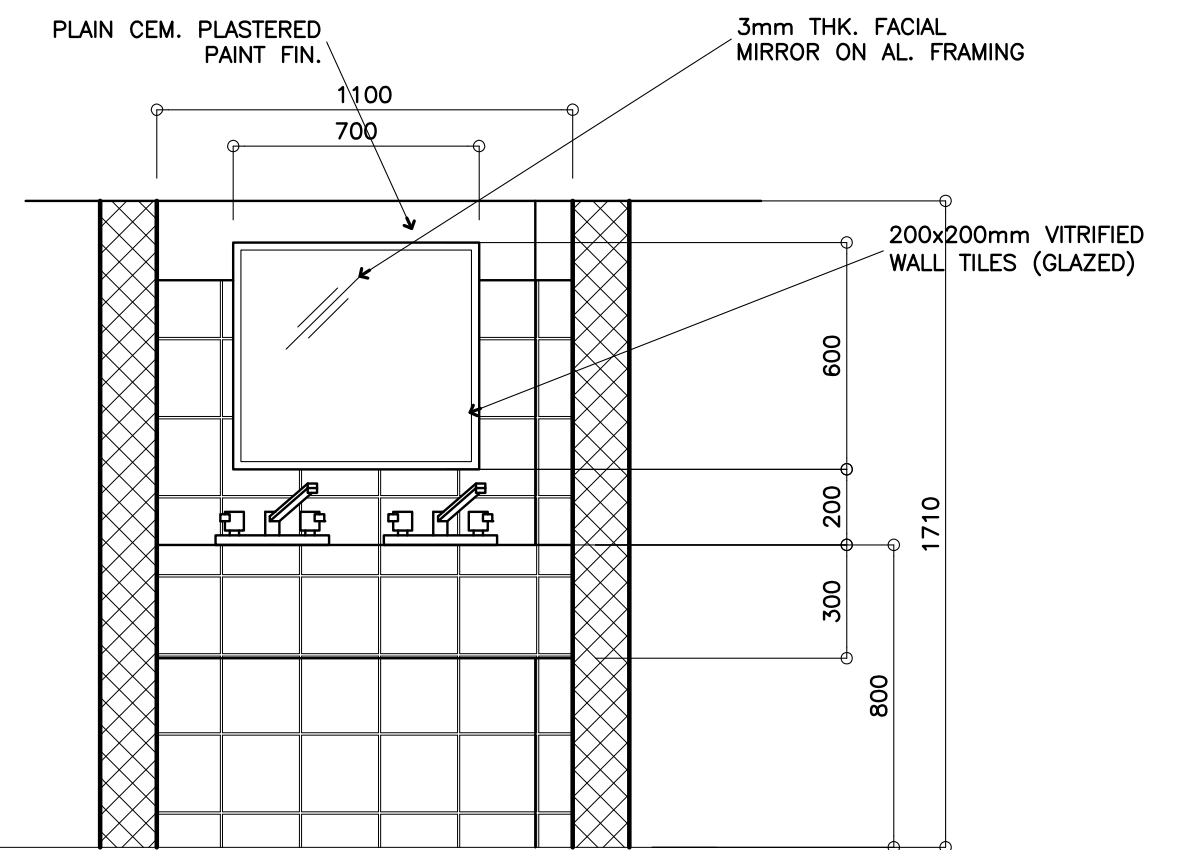
2 DETAIL SECTION OF TOILET
A-6 SCALE : 1:40 m.



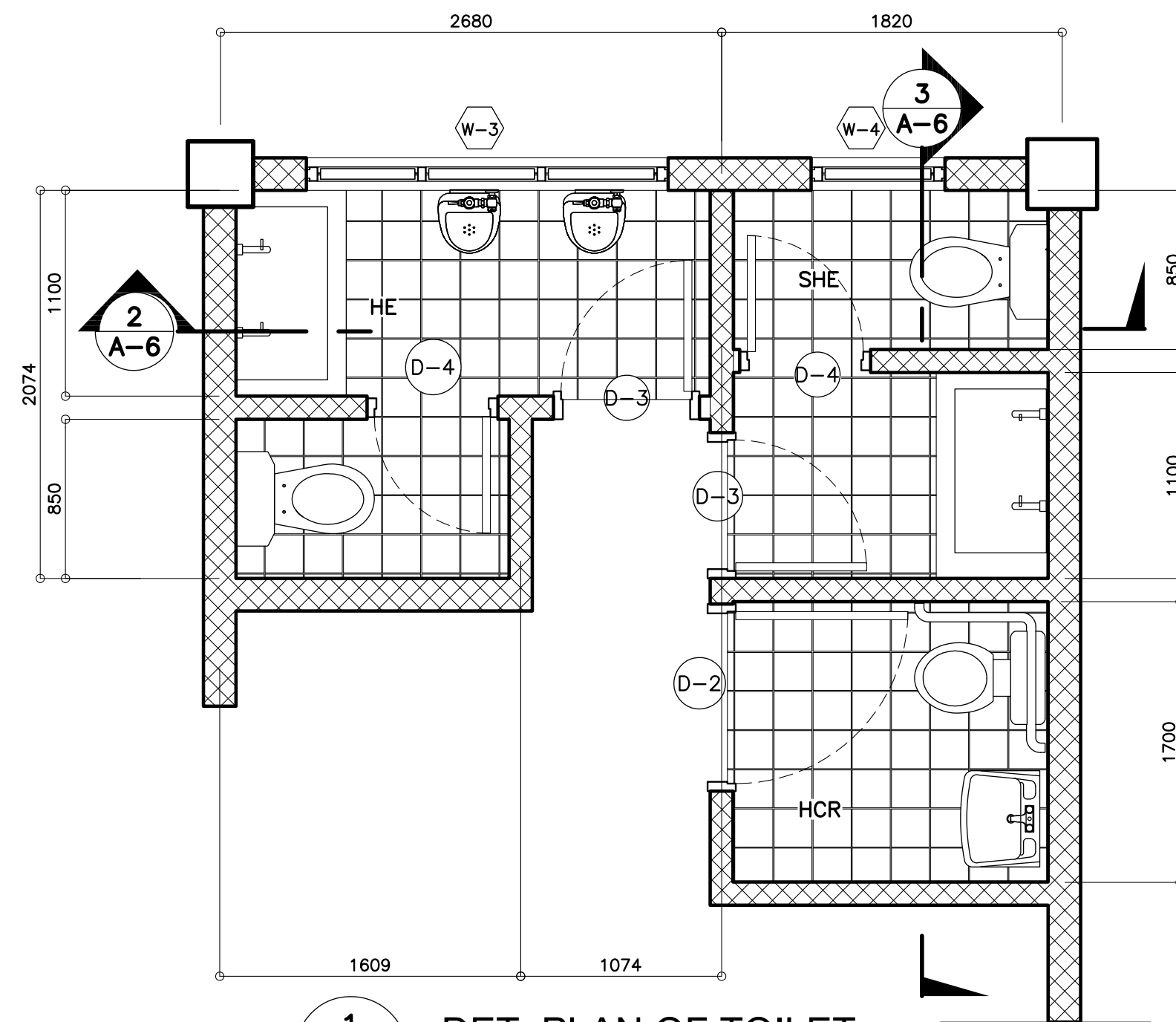
4 SPOT DETAIL
A-6 SCALE : 1:20 m.



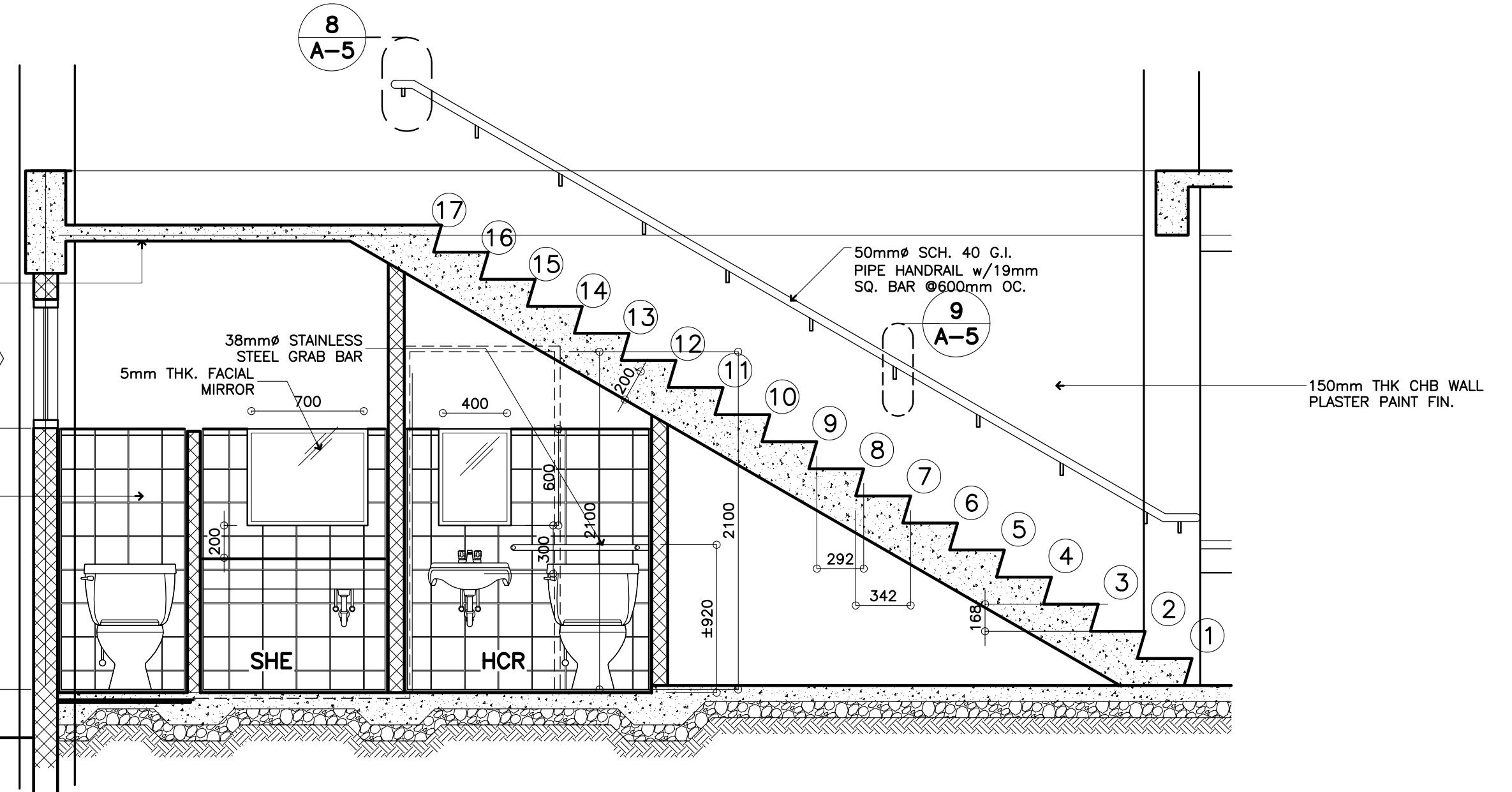
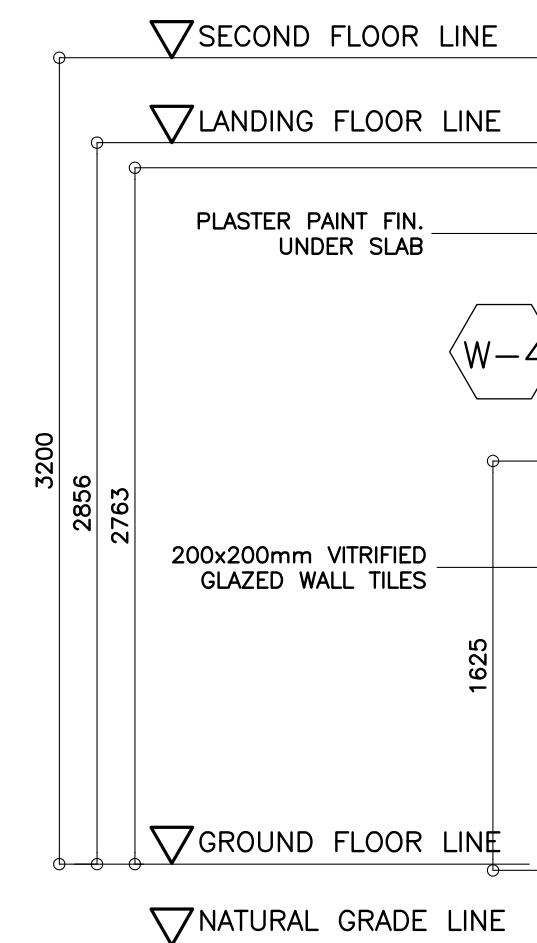
5 DET. PLAN OF C. SINK
A-6 SCALE : 1:20 M



6 DETAIL ELEVATION
A-6 SCALE : 1:20 m.



1 DET. PLAN OF TOILET
A-6 SCALE : 1:30 m.



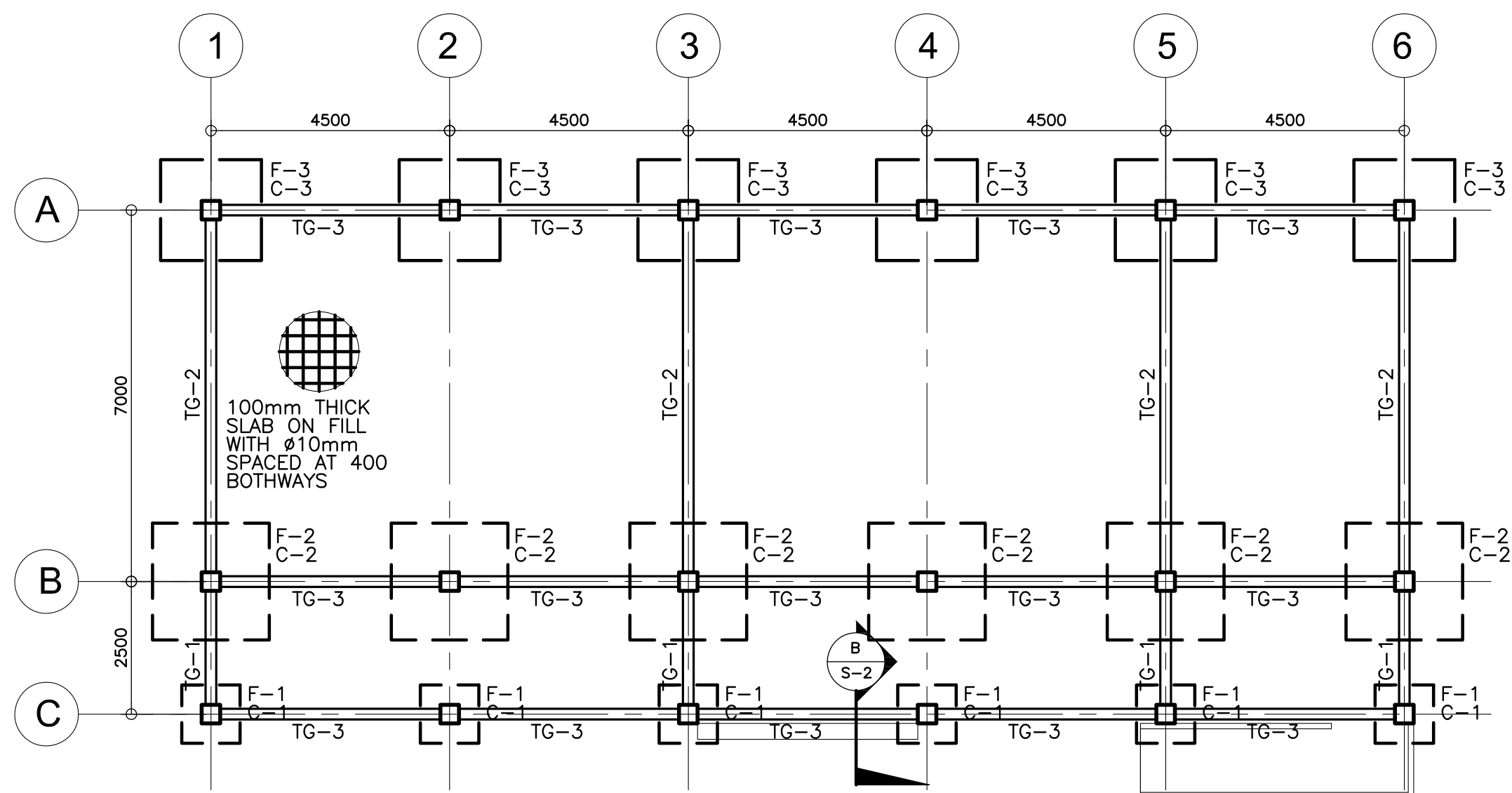
3 DET. SECTION OF TOILET/STAIR
A-6 SCALE : 1 : 30 m.

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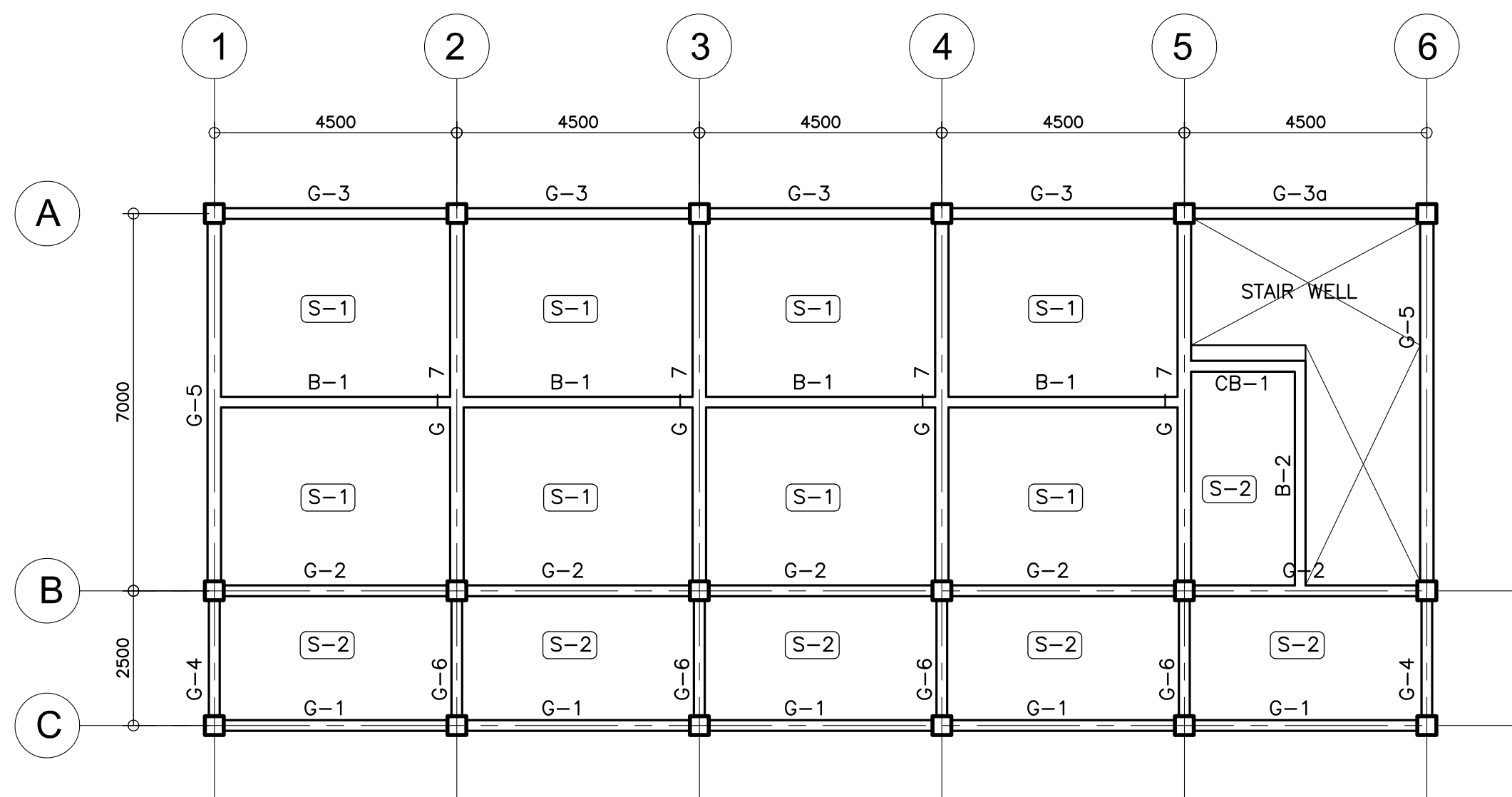
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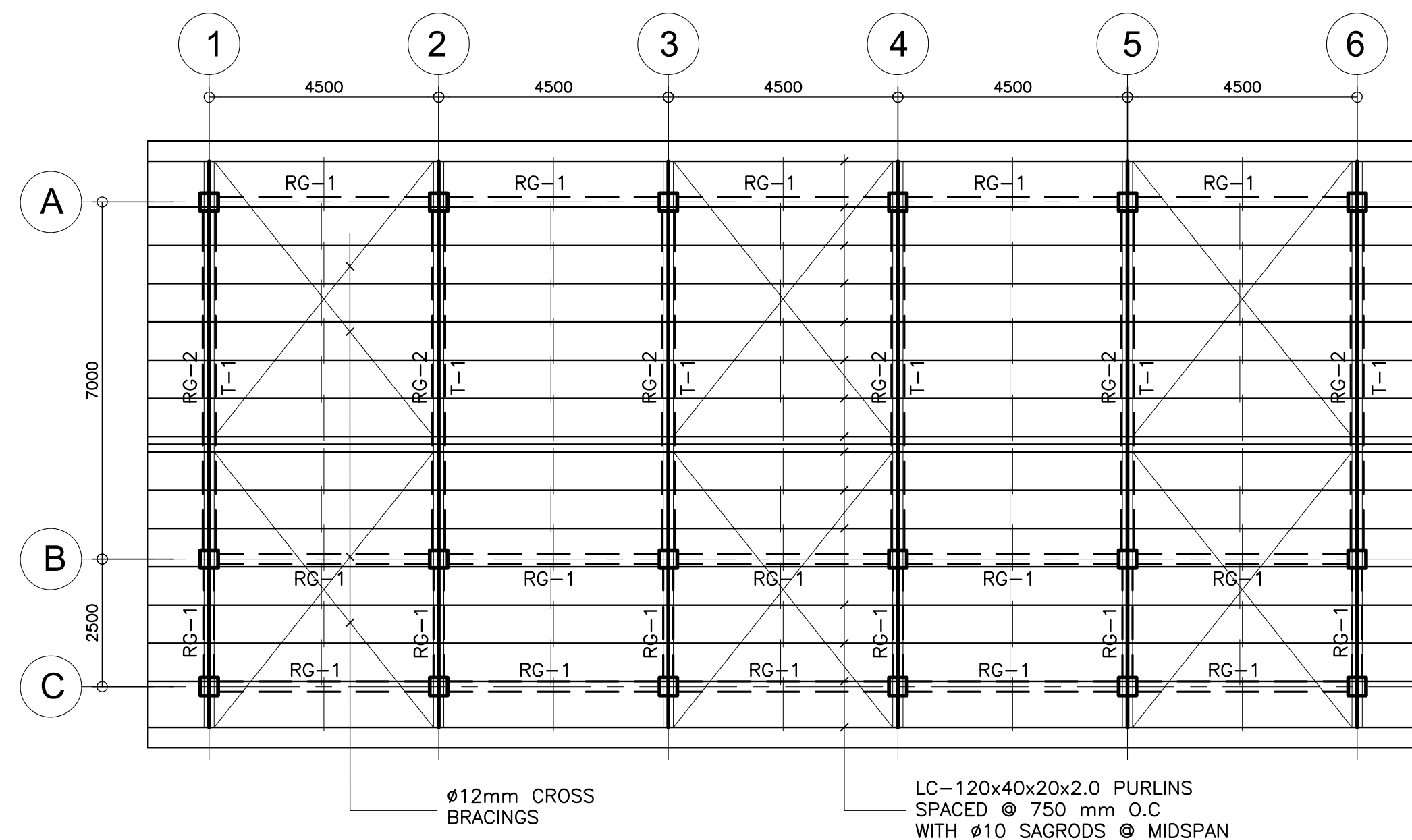
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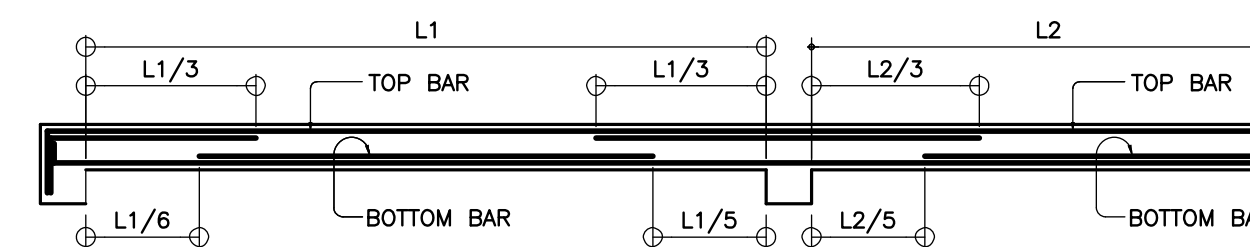
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S-1 FOUNDATION PLAN
SCALE : 1:100 M.



B
S-1 2ND FLOOR FRAMING PLAN
SCALE : 1:100 M.



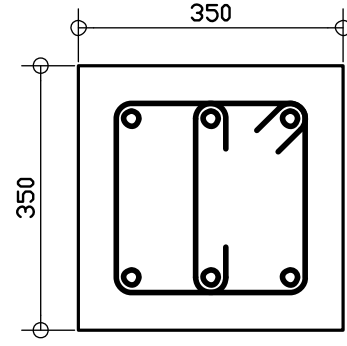
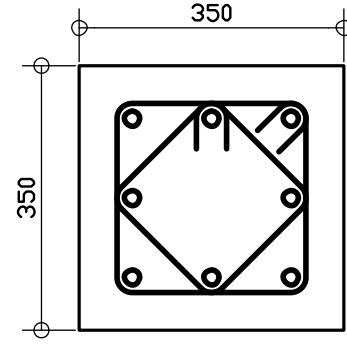
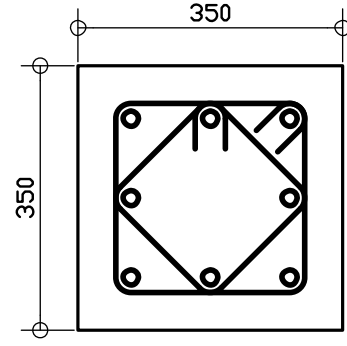
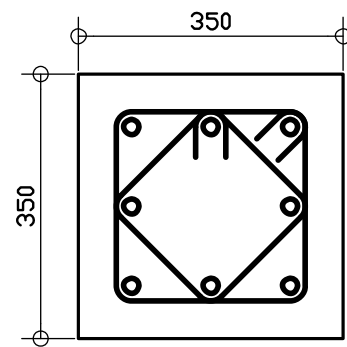
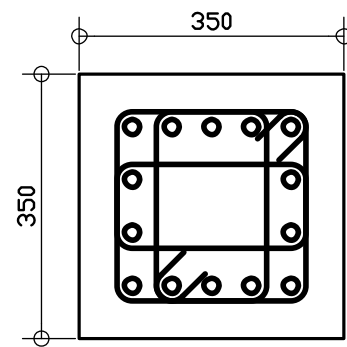
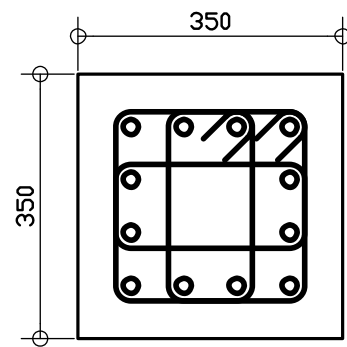
C
S-1 ROOF DECK FRAMING PLAN
SCALE : 1:100 M.

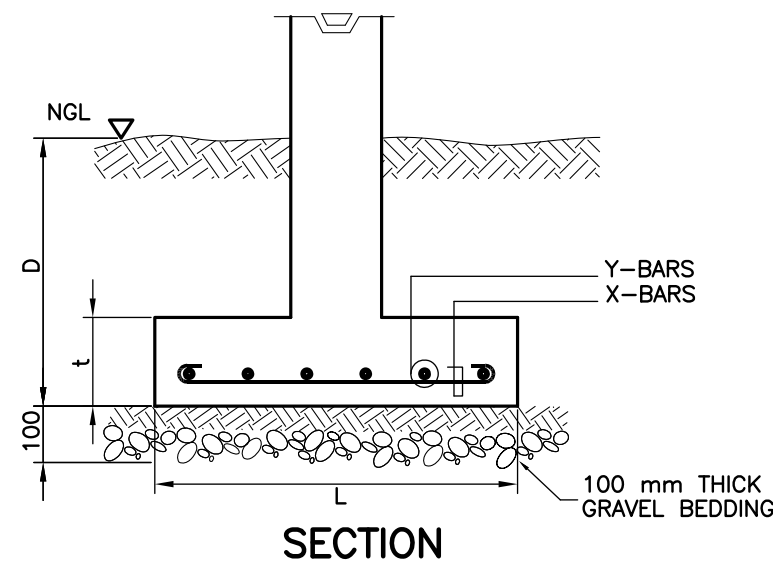
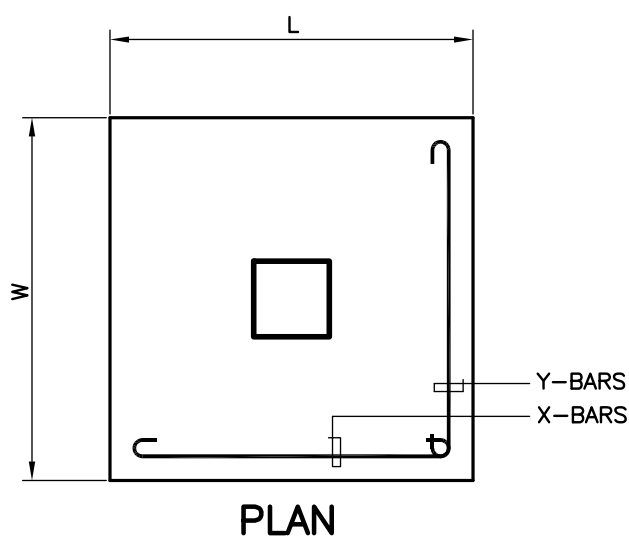


D
S-1 TYPICAL SLAB ELEVATION

SCHEDULE OF SLABS																	
FLOOR LEVEL	SLAB MARK	THICK-NESS in mm	REBAR SPACING in mm ALONG SHORT DIRECTION						REBAR SPACING in mm ALONG LONG DIRECTION						REMARKS		
			REBAR SIZE	LEFT SUPPORT		MIDSPAN		RIGHT SUPPORT		REBAR SIZE	LEFT SUPPORT		MIDSPAN			RIGHT SUPPORT	
				TOP	BOTT.	TOP	BOTT.	TOP	BOTT.		TOP	BOTT.	TOP	BOTT.		TOP	BOTT.
SECOND LEVEL																	
	S-1	100	10ø	200	300	–	300	200	300	10ø	250	300	–	300	250	300	TWO-WAY
	S-2	100	10ø	300	300	–	300	300	300	10ø	300	300	–	300	300	300	TWO-WAY

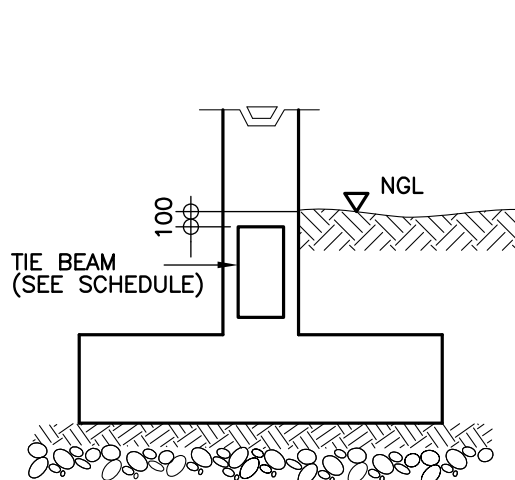
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION (DepED) TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING MERALCO AVENUE, PASIG CITY</p>	CONSULTANT / DESIGNER	REVIEWED BY:	RECOMMENDING APPROVAL :	APPROVED FOR ACCREDITATION :	CONCURRED :	PROJECT TITLE :	PROJECT NO:	OWNER :	SHEET NO:
	 BERNADETTE N. AQUINO ENGINEER III PRC NO. : 0074495 TIN : 199-674-196 PTR NO. : DATE :	 WILFREDO S. LOPEZ OIC, STRUCTURAL DIVISION BUREAU OF DESIGN, DPWH	 SOPIA T. SANTIAGO OIC, DIRECTOR III BUREAU OF DESIGN, DPWH	 GILBERTO S. REYES OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH	 RAMON C. BACANI UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)	TWO STOREY FOUR CLASSROOM SCHOOL BUILDING LOCATION :	DESIGNED BY: ENCODED BY: Max C CHECKED BY: DATE :	DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : FOUNDATION, SECOND FLOOR ROOF FRAMING PLAN SCHEDULE OF SLAB BEAM TYP. DETAIL	S-1 3
	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.								REP. ACT 545

COLUMN SCHEDULE			
LEVEL	C-1	C-2	C-3
2ND FLOOR LEVEL TO ROOF DECK LEVEL	 <p>MAIN BAR: 6-ø16mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>	 <p>MAIN BAR: 8-ø20mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>	 <p>MAIN BAR: 8-ø20mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>
FOUNDATION LEVEL TO 2ND FLOOR LEVEL	 <p>MAIN BAR: 8-ø16mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>	 <p>MAIN BAR: 14-ø20mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>	 <p>MAIN BAR: 12-ø20mm</p> <p>TIES : ø10 mm 1050, 8@75, REST 150mm TO CENTER</p>

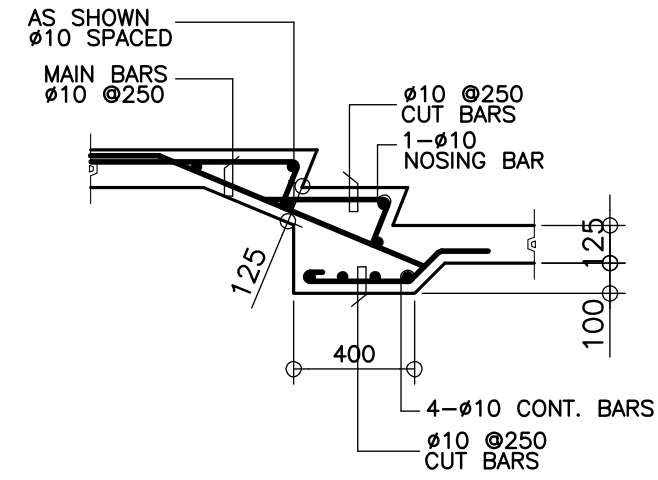


E
S-2 TYP. FOOTING DETAIL
SCALE NTS

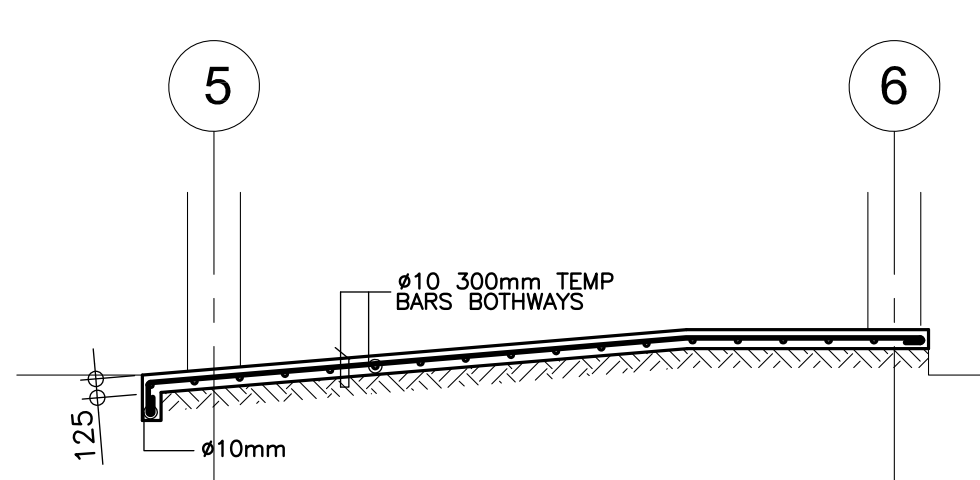
SCHEDULE OF FOOTING							
FOOTING MARK	FOOTING DIMENSIONS (mm)				REINFORCEMENT		REMARKS
	LENGTH (L)	WIDTH (W)	DEPTH (D)	Thickness (t)	BAR X	BAR Y	
F-1	1100	1100	1500	250	5 - 16mmø	5 - 16mmø	SQUARE FOOTING
F-2	2200	2200	1500	300	12 - 16mmø	12 - 16mmø	SQUARE FOOTING
F-3	1900	1900	1500	300	11 - 16mmø	11 - 16mmø	SQUARE FOOTING



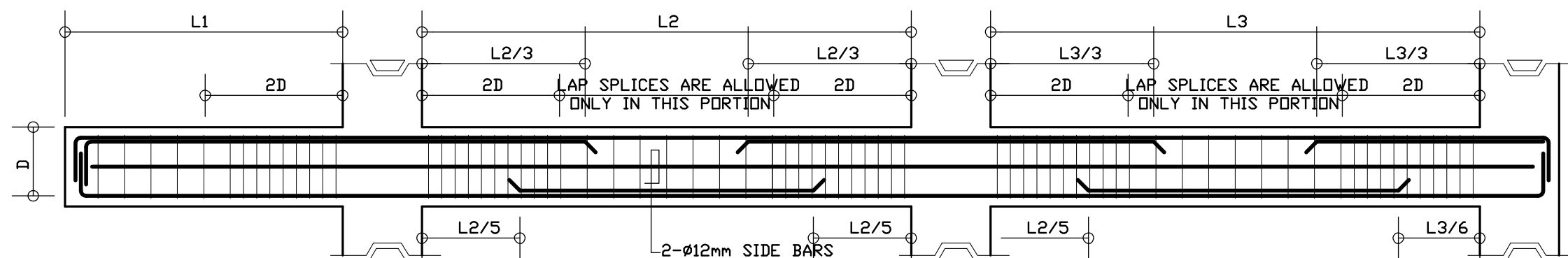
A
S-2 SCALE NTS



B
S-2 SCALE 1 : 25M

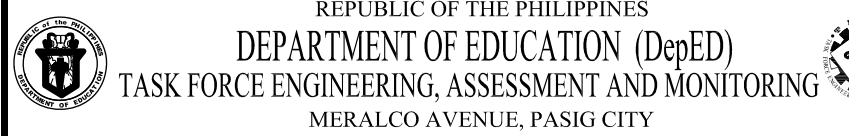


C
S-2 SCALE 1 : 50M



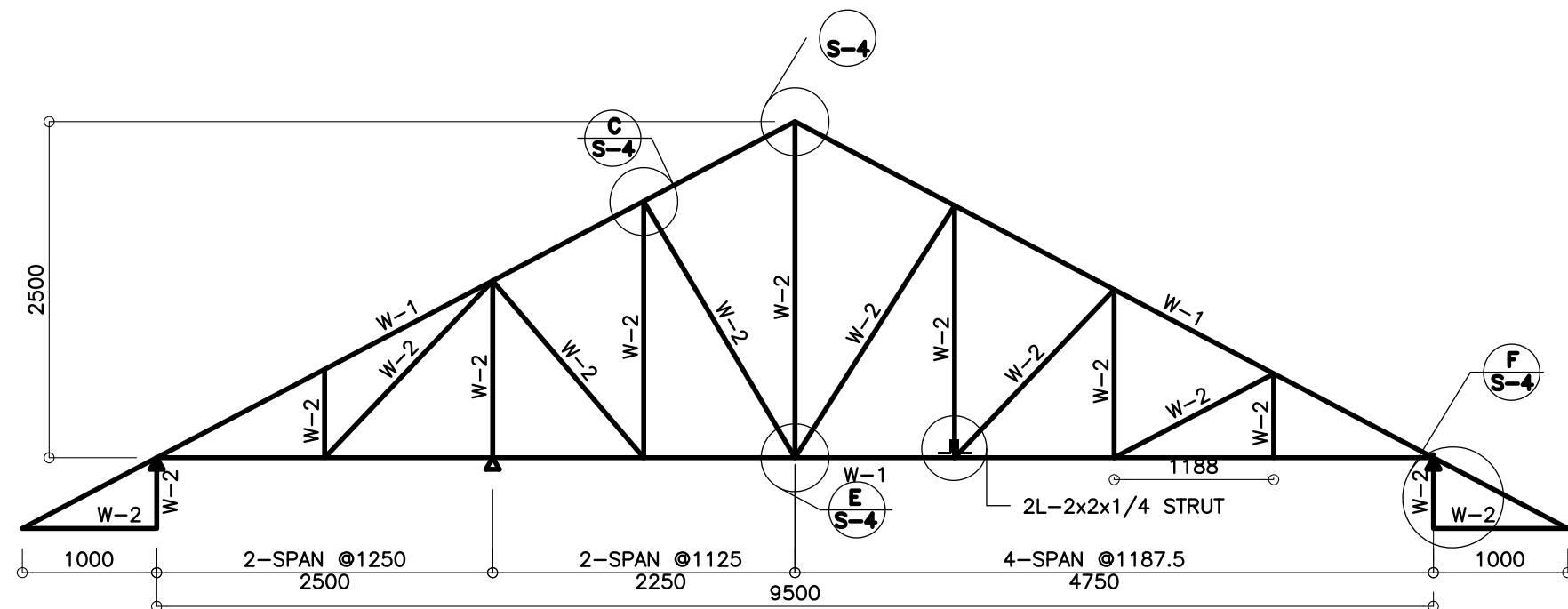
D
S-2

B E A M S C H E D U L E											
FLOOR LEVEL	BEAM MARK	BEAM DIMENSIONS (in / mm)		S T E E L R E I N F O R C E M E N T S							
				REBAR (mm ø)	LEFT		MID SPAN		RIGHT		STIRRUPS (UNLESS NOTED OTHERWISE)
		b	h		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	
2ND FLOOR LEVEL	G-1	200	400	ø20mm	2	2	2	2	2	2	1050, 6@100, REST@200
	G-2	200	400	ø20mm	4	3	2	2	4	3	1050, 6@100, REST@200
	G-3	200	400	ø20mm	3	2	2	2	3	2	1050, 6@100, REST@200
	G-3a	200	800	ø20mm	3	2	2	2	3	2	1050, 8@175, REST@300
	G-4	200	400	ø20mm	3	2	2	2	3	3	1050, 6@100, REST@200
	G-5	250	500	ø20mm	5	3	2	4	5	3	1050, 6@100, REST@200
	G-6	200	400	ø20mm	3	2	2	2	3	3	1050, 6@100, REST@200
	G-7	250	500	ø20mm	5	3	2	6	5	3	1050, 8@100, REST@200
	B-1	200	400	ø16mm	4	2	2	2	4	2	1050, 6@100, REST@200
	B-2	200	400	ø16mm	2	2	2	4	2	2	1050, 6@100, REST@200
ROOF LEVEL	RG-1	200	400	ø16mm	2	2	2	2	2	2	1050, 6@100, REST@200
	RG-2	200	500	ø16mm	3	3	2	3	3	3	1050, 8@100, REST@200
TIE BEAM	TG-1	300	500	ø20mm	3	2	2	2	4	3	1050, 8@100, REST@200
	TG-2	300	500	ø20mm	4	3	2	2	4	3	1050, 8@100, REST@200
	TG-3	300	500	ø20mm	3	3	2	2	3	3	1050, 6@100, REST@200
STAIR BEAM	STB-1	200	400	ø16mm	3	2	2	4	3	2	1050, 6@100, REST@200
	STB-2	200	500	ø16mm	4	2	2	4	4	2	1050, 8@100, REST@200

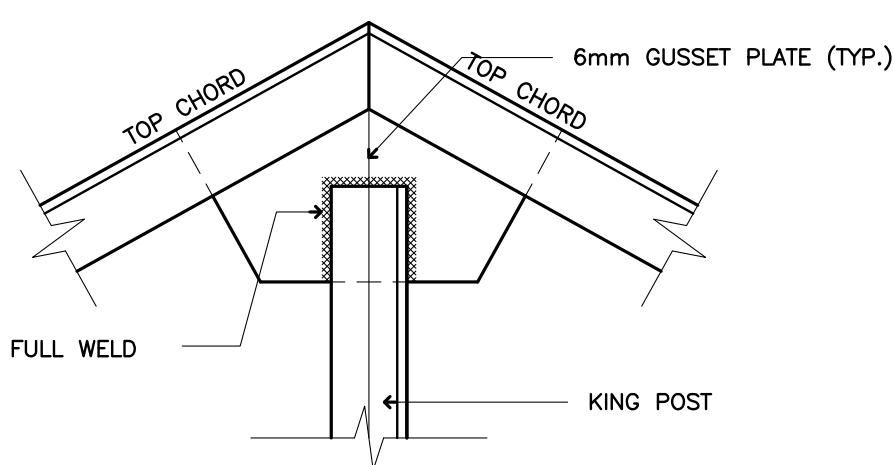
 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION (DepED) TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING MERALCO AVENUE, PASIG CITY</p>	CONSULTANT / DESIGNER	REVIEWED BY:	RECOMMENDING APPROVAL :	APPROVED FOR ACCREDITATION :	CONCURRED :	PROJECT TITLE :	PROJECT NO:	OWNER :	SHEET NO:
	BERNARDITO N. AQUINO ENGINEER III PRC NO. : 0074495 TIN : 199-674-196 PTR NO. : DATE :	WILFREDO S. LOPEZ OIC, STRUCTURAL DIVISION BUREAU OF DESIGN, DPWH	SOFIA T. SANTIAGO OIC, DIRECTOR III BUREAU OF DESIGN, DPWH	GILBERTO S. REYES OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH	RAMON C. BACANI UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)	TWO STOREY FOUR CLASSROOM SCHOOL BUILDING	DESIGNED BY: ENCODED BY: Max C	DEPARTMENT OF EDUCATION DepED	<div>S-2</div> <div>3</div>
						LOCATION :	CHECKED BY:	SHEET CONTENTS : COLUMN, BEAM, & FOOTING SCHEDULES, RAMP, FOOTING BEAM TYP. DETAILS	
							DATE :		

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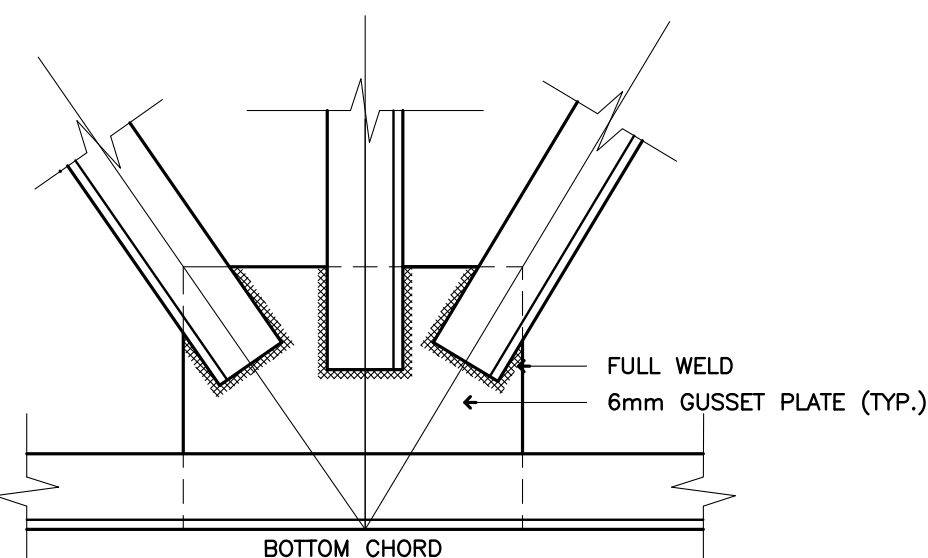
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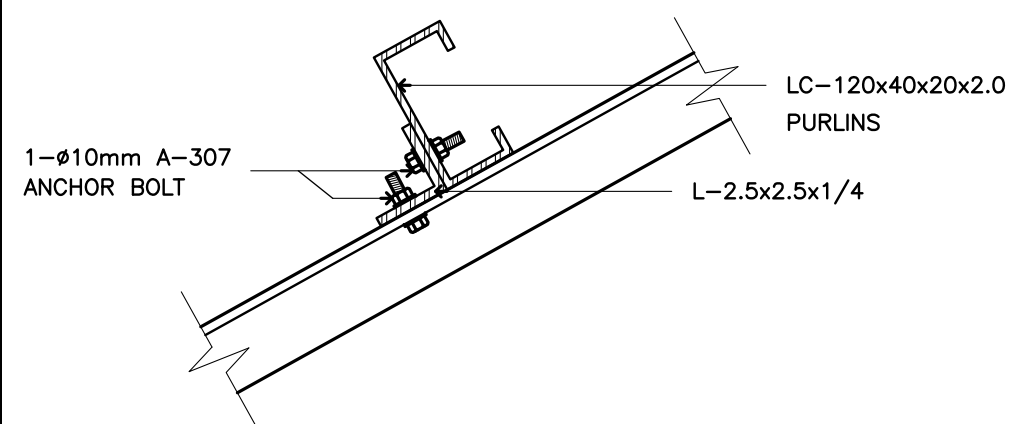
A
S-3 **DETAIL OF T-1**
SCALE 1 : 25 M



D
S-3 **CONNECTION DETAIL**
SCALE 1 : 5 M

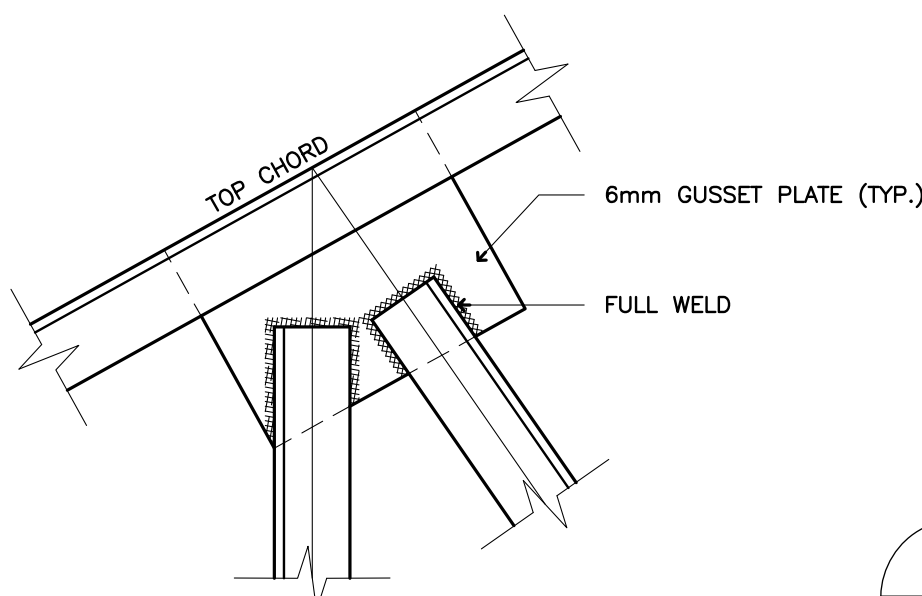


E
S-3 **CONNECTION DETAIL**
SCALE 1 : 5 M

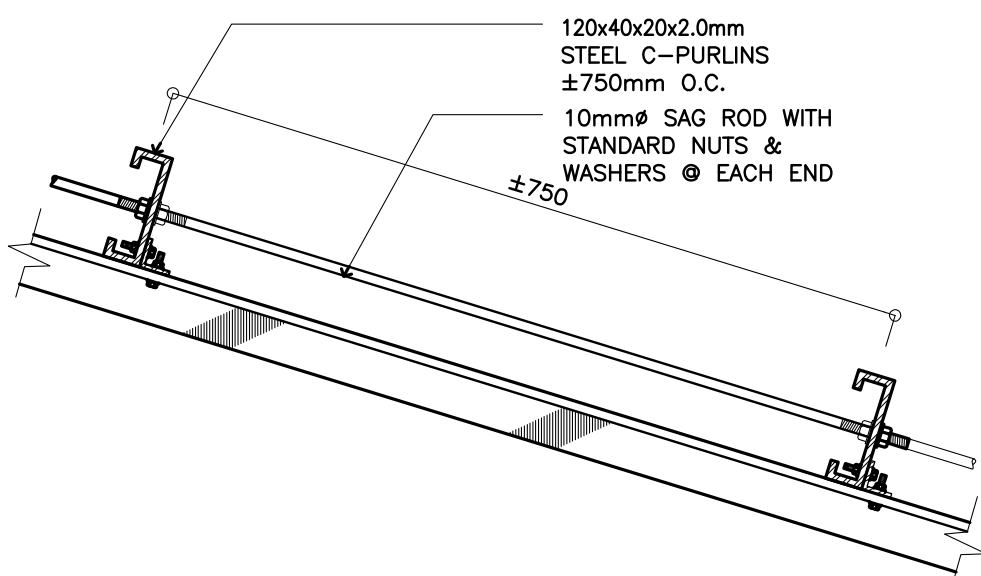


G
S-3 **PURLIN CONNECTION DETAIL**
SCALE 1 : 5 M

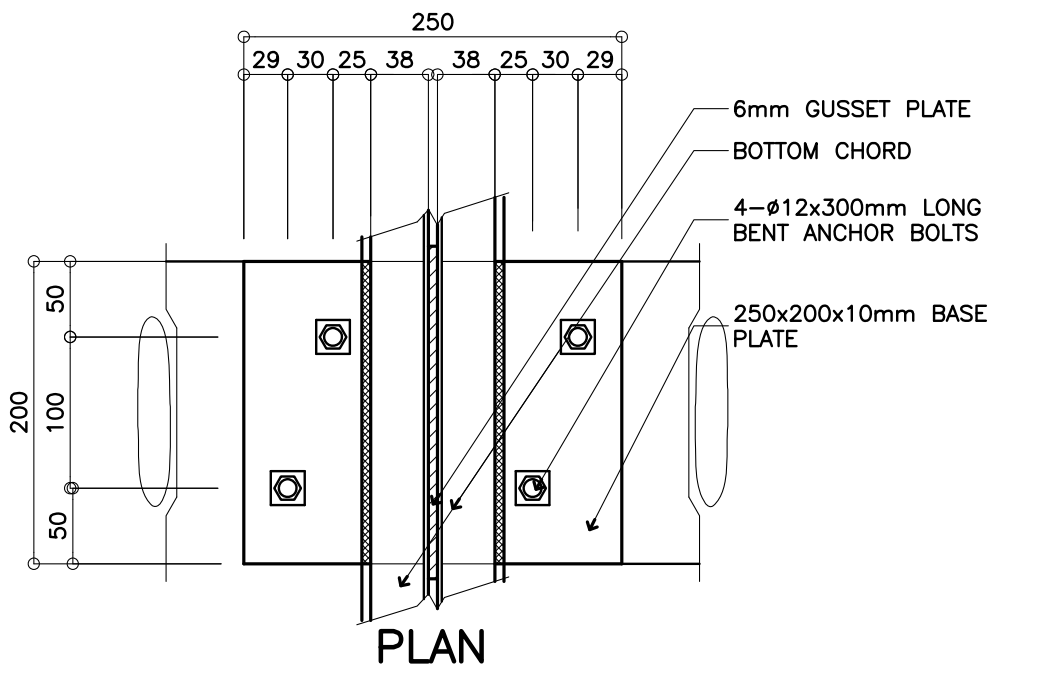
SCHEDULE OF TRUSS MEMBERS			
MARK	DESCRIPTION	QTY	SIZE
W-1	TOP & BOT. CHORDS	2L	2"x2"x1/4"
W-2	WEB MEMBERS	2L	2"x2"x3/16"



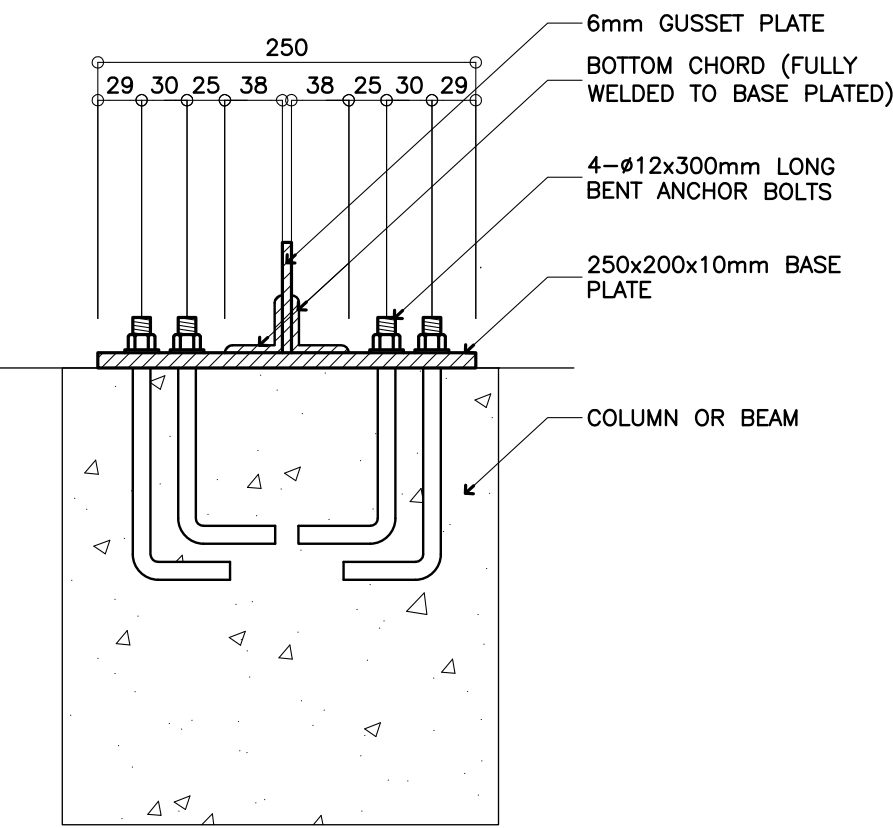
F
S-3 **CONNECTION DETAIL**
SCALE 1 : 5 M



I
S-3 **SAG ROD CONNECTION DETAIL**
SCALE 1 : 10 M

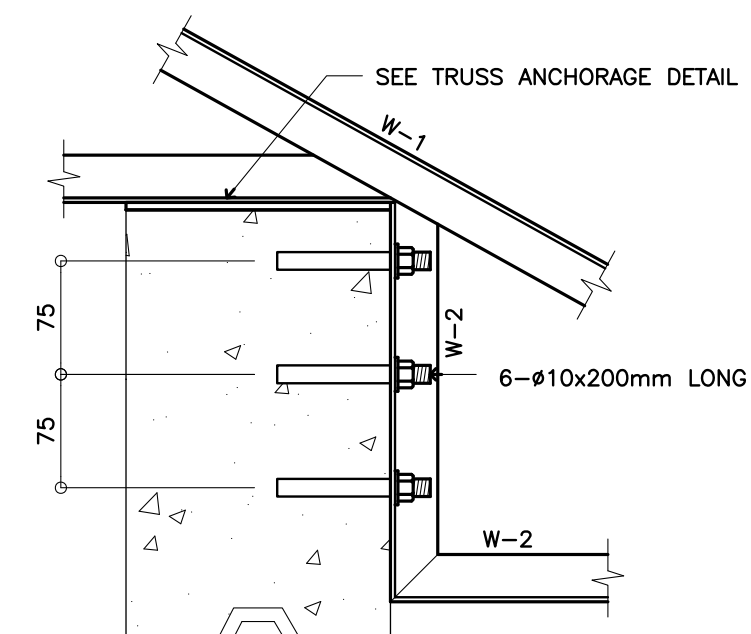


PLAN

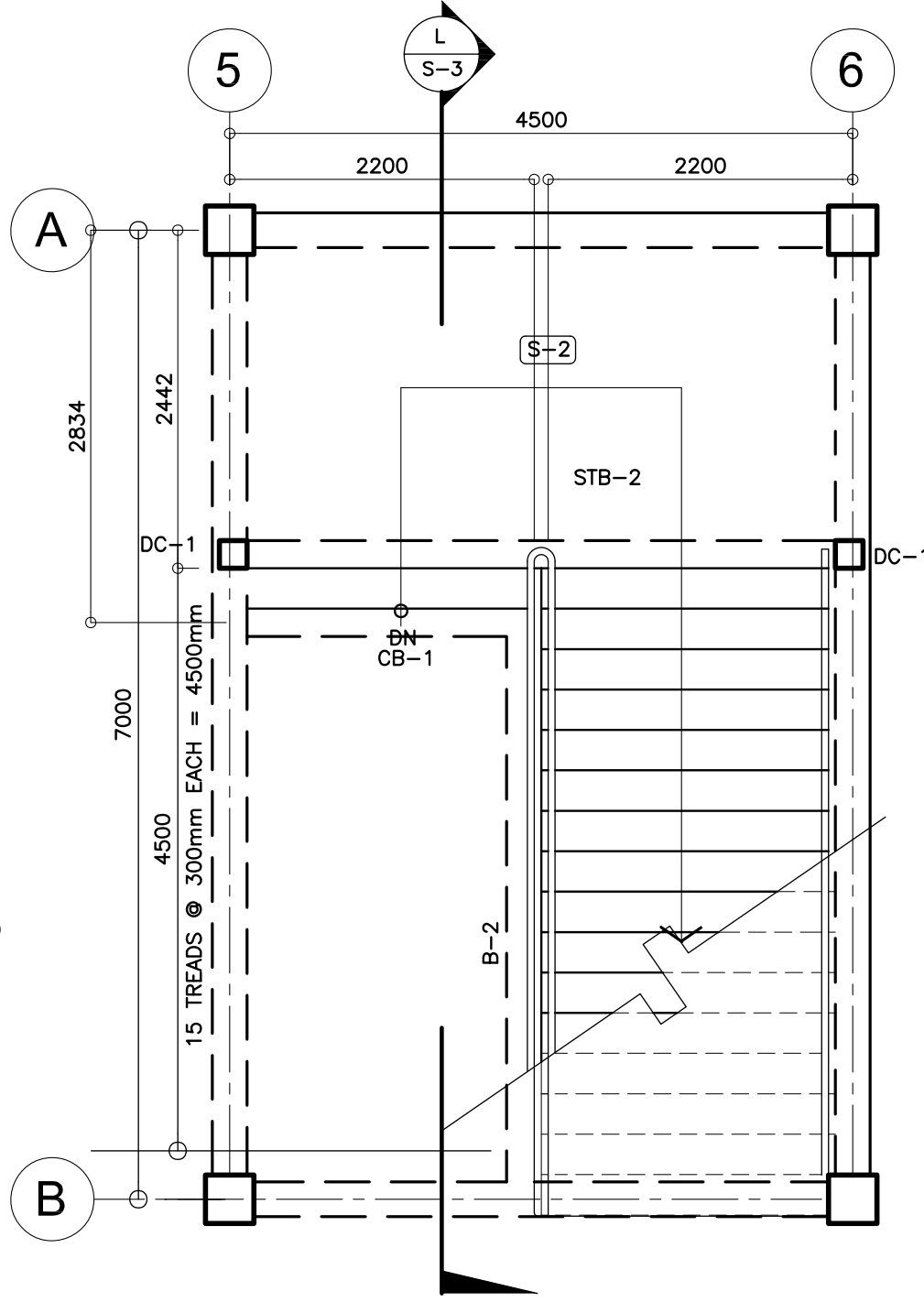


SECTION

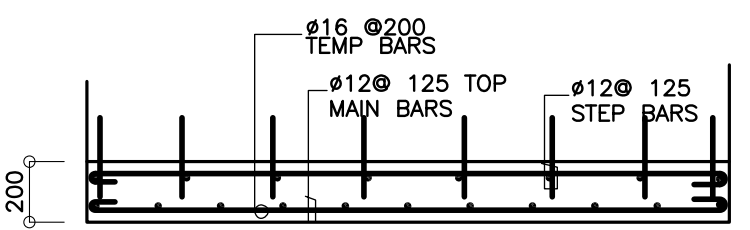
H
S-3 **TYPICAL TRUSS ANCHORAGE DETAIL**
SCALE 1:5 M



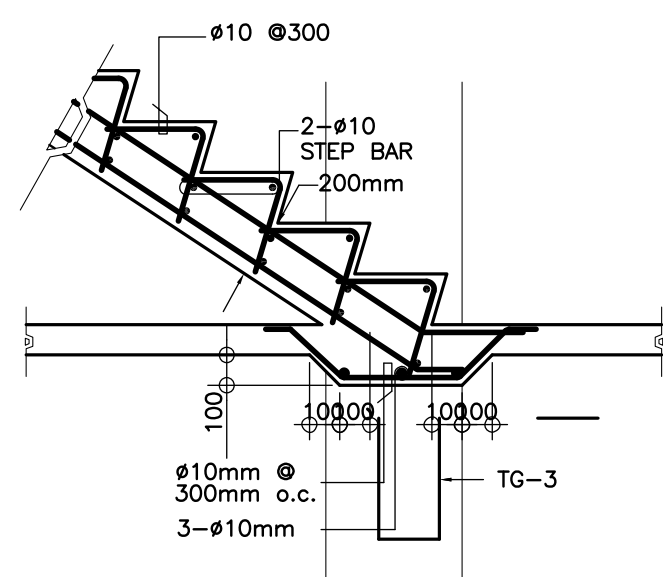
J
S-3 **HALF TRUSS CONNECTION DETAIL**
SCALE 1 : 10 M



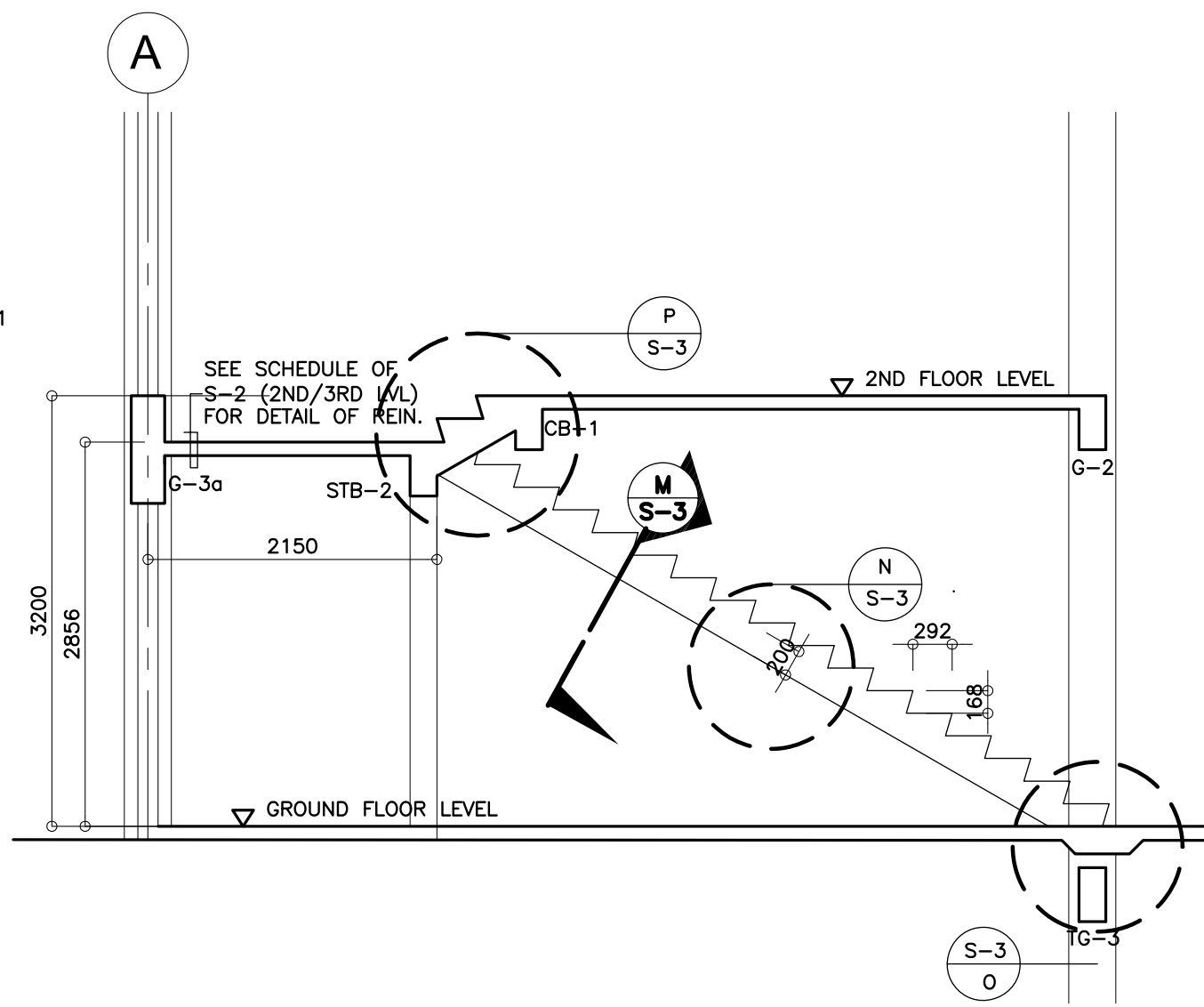
K
S-3 **STAIR FRAMING PLAN (TYP)**
SCALE 1:50 M



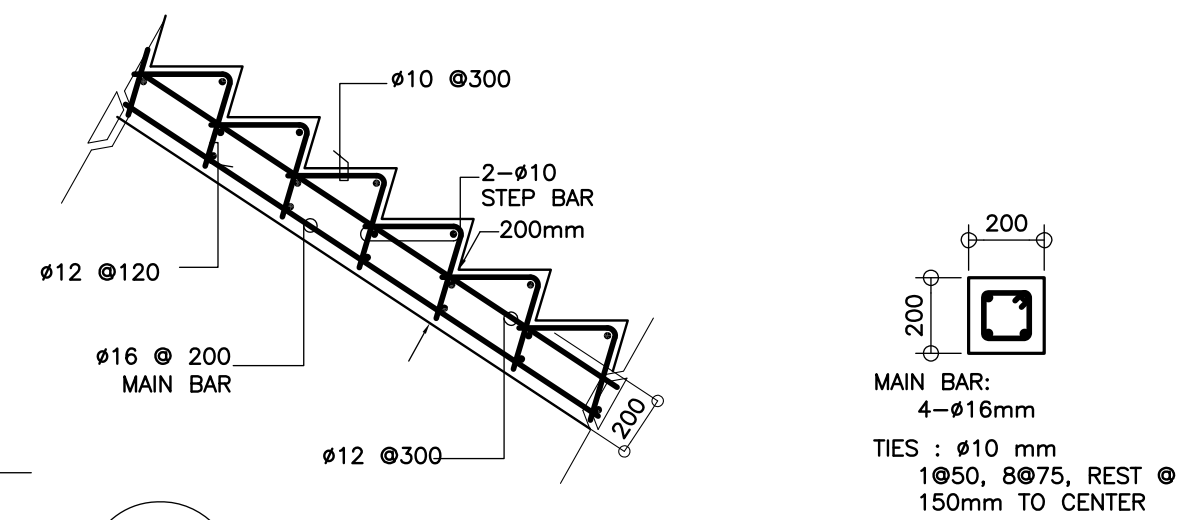
M
S-3 **SECTION OF STAIR SLAB**
SCALE 1:25 M



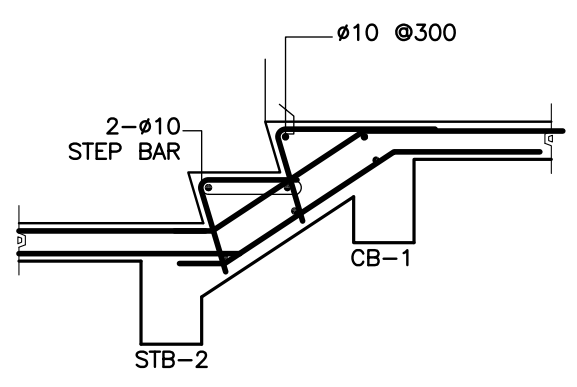
O
S-3 **SPOT DETAIL**
SCALE 1 : 25 M



L
S-3 **STAIR SECTION DETAIL**
SCALE 1:50 M



N
S-3 **SPOT DETAIL**
SCALE 1 : 25 M



P
S-3 **SPOT DETAIL**
SCALE 1 : 25 M

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF EDUCATION (DepED)
TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING
MERALCO AVENUE, PASIG CITY

CONSULTANT / DESIGNER
BERNADETTE N. AQUINO
ENGINEER III
PRC NO. : 0074495 TIN : 199-674-196
PTR NO. : DATE :

REVIEWED BY:
WILFREDO S. LOPEZ
OIC, STRUCTURAL DIVISION
BUREAU OF DESIGN, DPWH

RECOMMENDING APPROVAL :
SAFELY T. SANTIAGO
OIC, DIRECTOR III
BUREAU OF DESIGN, DPWH

APPROVED FOR ACCREDITATION :
GILBERTO S. REYES
OIC, DIRECTOR IV
BUREAU OF DESIGN, DPWH

CONCURRED :
RAMON C. BACANI
UNDERSECRETARY
DEPARTMENT OF EDUCATION (DepED)

PROJECT TITLE :
**TWO STOREY
FOUR CLASSROOM
SCHOOL BUILDING**
LOCATION :

PROJECT NO.:
DESIGNED BY:
ENCODED BY: Max C
CHECKED BY:
DATE :

OWNER :
**DEPARTMENT OF EDUCATION
DepED**
SHEET CONTENTS : TRAUSSE DIAGRAM, CONNECTION
STAIR, DETAILS

SHEET NO.:
**S-3
3**

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REP. ACT 545

GENERAL NOTES

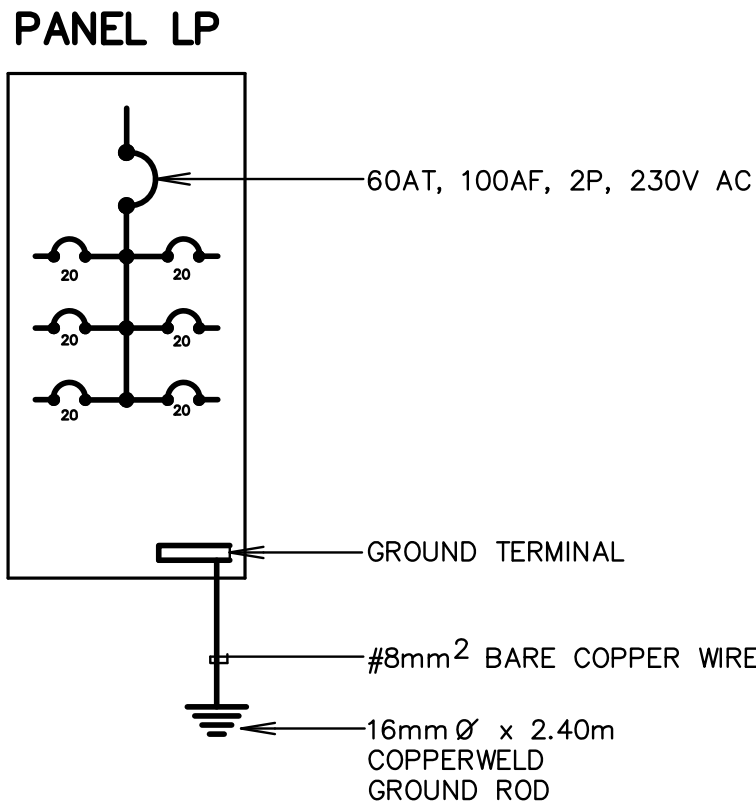
1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC). THE RULES AND REGULATION OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1–PHASE, 2–WIRE, 230 V AC, 60 Hz.
3. WIRING METHOD SHALL BE AS FOLLOWS :
- a. FEEDERS AND RISERS – INTERMEDIATE METALLIC CONDUIT
 - b. LIGHTING, POWER RECEPTACLE – POLYVINYL CHLORIDE CONDUIT BRANCH CKT., & AUXILIARY SCH. 40
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THW" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5mm² AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15mmD TRADE/NOMINAL SIZE.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
7. GROUNDING SYSTEM SHALL BE PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :
- a. LIGHT SWITCH – 1.20 M ABOVE FINISH FLOOR
 - b. CONVENIENCE OUTLET – 0.30 M ABOVE FINISH FLOOR.
 - c. PANELBOARD – 1.50 M ABOVE FINISH FLOOR
 - d. FIRE ALARM STATION OUTLET – 1.50 M. ABOVE FINISH FLOOR
 - e. PUSH BUTTON OUTLET – 1.20 M ABOVE FINISH FLOOR
 - f. FIRE ALARM & VIBRATING BELL – 0.30 M BELOW CEILING LINE

LEGEND

SYMBOL	DESCRIPTION
	– CEILING LIGHT OUTLET
	– 2 x 40 WATTS FLUORESCENT LAMP
	– CEILING FAN OUTLET
S/Sa	– ONE GANG DEVICE SWITCH
Sab	– TWO GANG DEVICE SWITCH
Scde	– THREE GANG DEVICE SWITCH
S3W	– THREE WAY DEVICE SWITCH
Sf	– FAN CONTROL SWITCH
SEF	– EXHAUST FAN SWITCH
	– RACEWAY CONDUIT CONCEALED IN CEILING
	– RACEWAY CONDUIT CONCEALED UNDER FLOOR
	– PANELBOARD
	– CKT. BREAKER, RATING AS INDICATED
	– DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE 10 AMPS, 250 VOLT WITH MODERN PLATE COVER
	– EXHAUST FAN OUTLET, SINGLE, GROUNDING TYPE 10 AMPS, 250 VOLT WITH MODERN PLATE COVER
	– HOMERUN DIRECT TO PANELBOARD
	– PUSH BUTTON
	– ENCLOSED AIR CIRCUIT BREAKER
	– FIRE ALARM CONTROL PANEL
	– FIRE ALARM STATION OUTLET
	– VIBRATING BELL OUTLET
	– FIRE ALARM BELL
	– SERVICE METER
	– SERVICE ENTRANCE

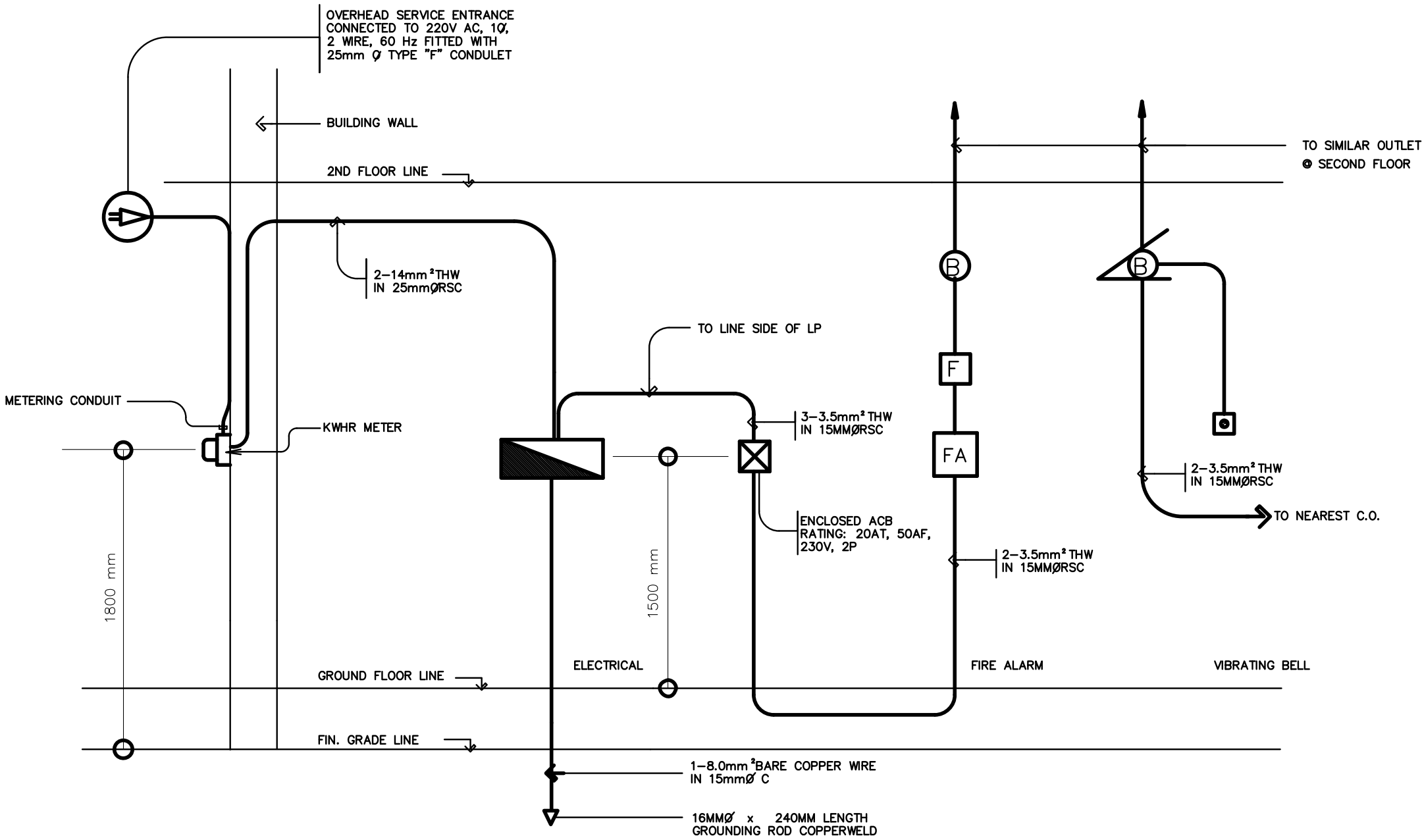
LOAD SCHEDULE

PANELBOARD: LP							MAIN : 60AT, 100AF, 2P, 230V
CKT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER				WIRE & CONDUIT SIZE
			VOLT	POLE	A T	A F	
1	CONV. OUTLET – 6 x 180W	1080	230	2	20	50	3–3.5mm ² THW IN 15mm ØC
2	CONV. OUTLET – 6 x 180W	1080	230	2	20	50	3–3.5mm ² THW IN 15mm ØC
3	LIGHT OUTLET – 6 x 100W EXHAUST FAN OUTLET – 1 x 180W	780	230	2	20	50	3–3.5mm ² THW IN 15mm ØC
4	LIGHT OUTLET – 10 x 100W	1000	230	2	20	50	3–3.5mm ² THW IN 15mm ØC
5	LIGHT OUTLET – 14 x 100W	1400	230	2	20	50	3–3.5mm ² THW IN 15mm ØC
6	S P A R E	1500	230	2	20	50	
TOTAL		6840					
IL = $\frac{6840}{230\text{ V}}$ = 29.7 A							FEEDER: 2–14mm ² THW IN 25mm ØC PROTECTION: 60 AT, 100 AF, 2P, 230 V



SINGLE LINE DIAGRAM

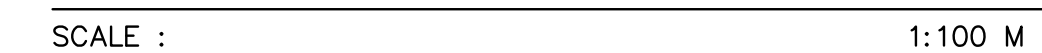
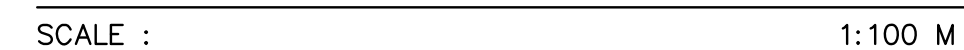
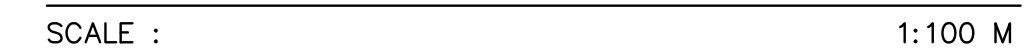
NOT TO SCALE



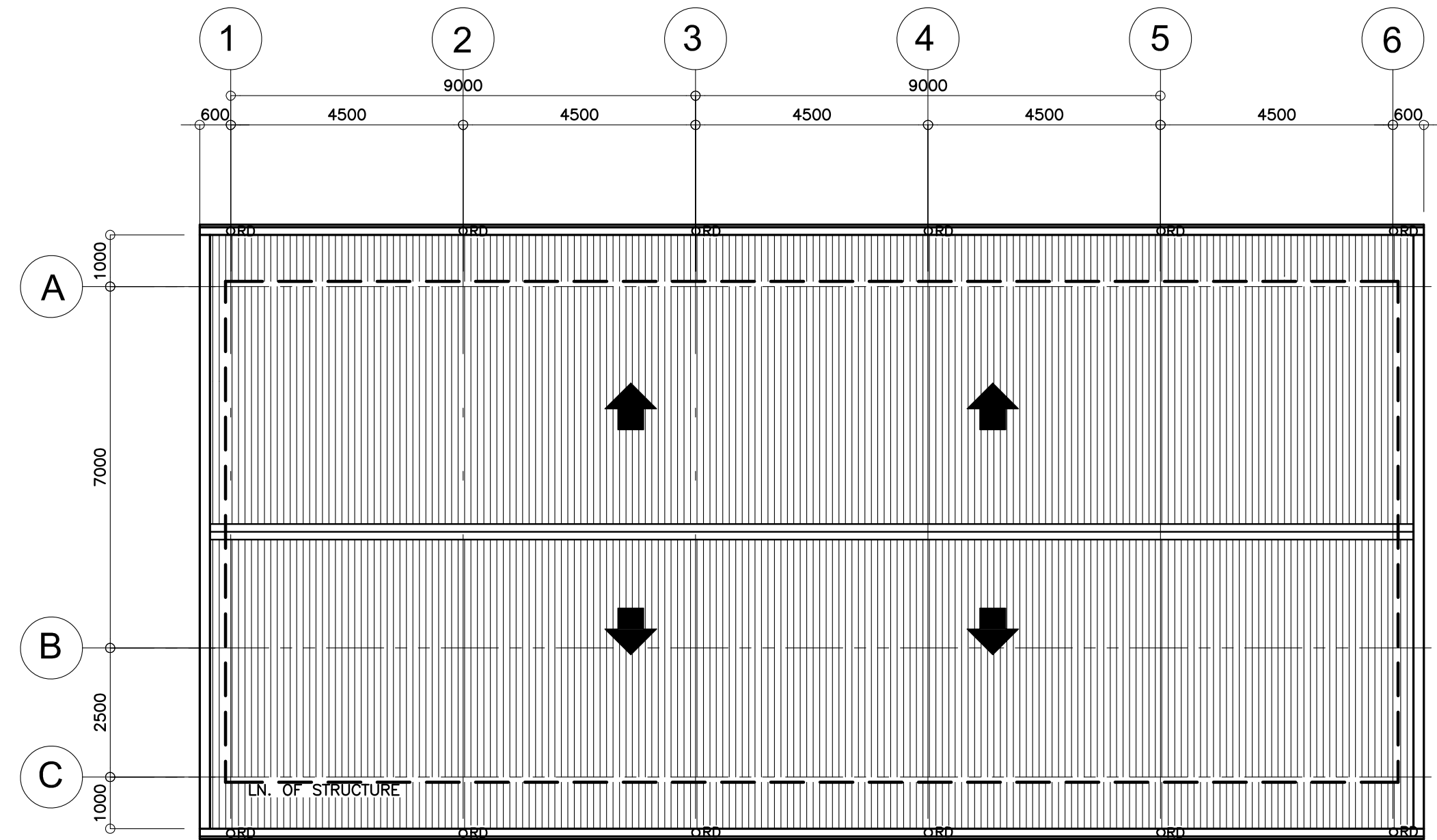
RISER DIAGRAM

NOT TO SCALE

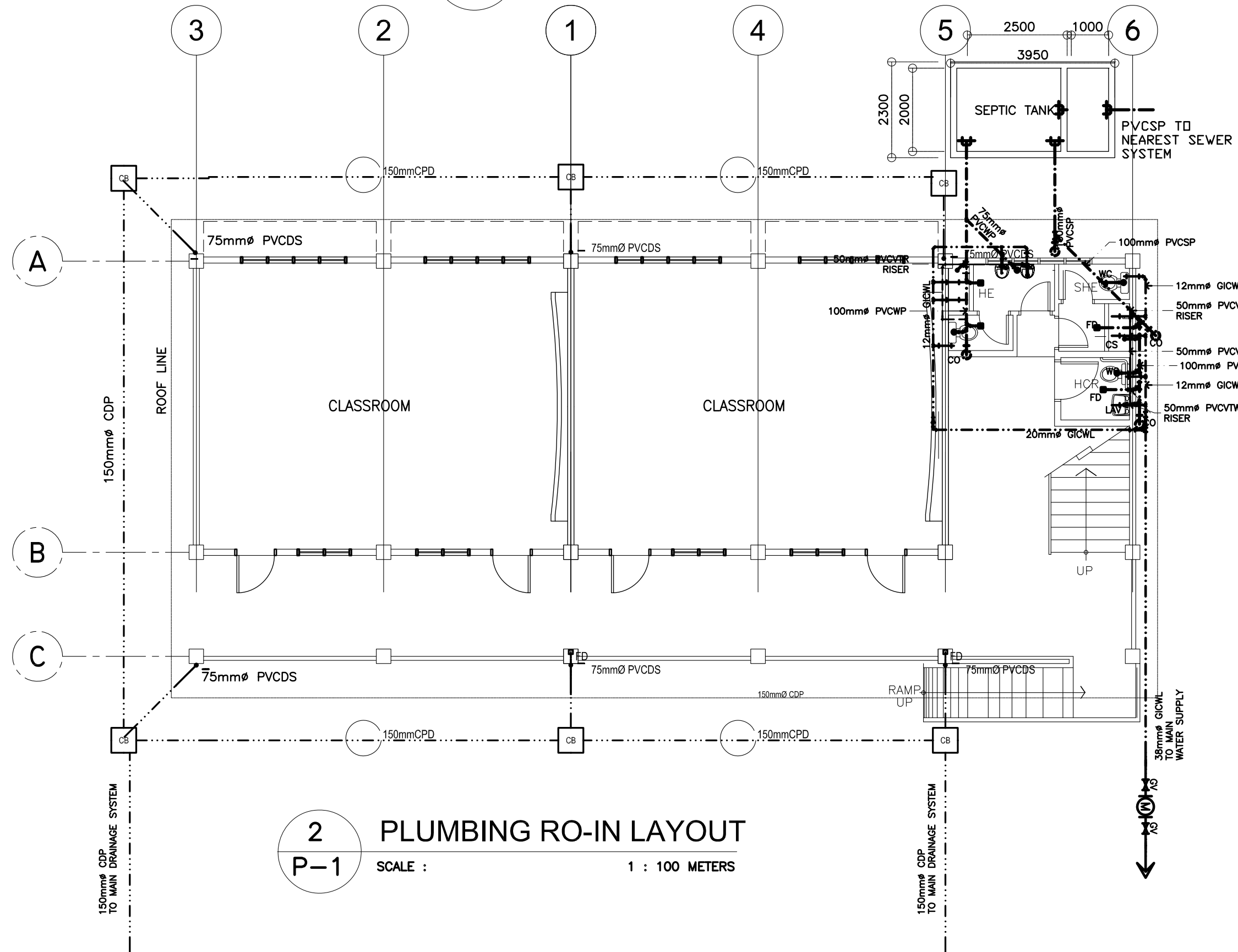
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION (DepED) TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING MERALCO AVENUE, PASIG CITY</p>	CONSULTANT / DESIGNER	REVIEWED BY:	RECOMMENDING APPROVAL :	APPROVED FOR ACCREDITATION :	CONCURRED :	PROJECT TITLE :	PROJECT NO: 99–017	OWNER :	SHEET NO:
	 BERNADETTE N. AQUINO	 WILFREDO S. LOPEZ	 SOFIA T. SANTIAGO	 GILBERTO S. REYES	 RAMON C. BACANI	TWO STOREY FOUR CLASSROOM SCHOOL BUILDING	DESIGNED BY: RDS	DEPARTMENT OF EDUCATION DepED	E-1
	ENGINEER III PRC NO. : 0074495 TIN : 199–674–196 PTR NO. : _____ DATE : _____	OIC, STRUCTURAL DIVISION BUREAU OF DESIGN, DPWH	OIC, DIRECTOR III BUREAU OF DESIGN, DPWH	OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH	UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)	CHECKED BY:	ENCODDED BY: RDS	SHEET CONTENTS : GENERAL NOTES SINGLE LINE DIAGRAM RISER DIAGRAM	2
						LOCATION :	DATE : 5–5–00	LOAD SCHEDULE LEGEND	



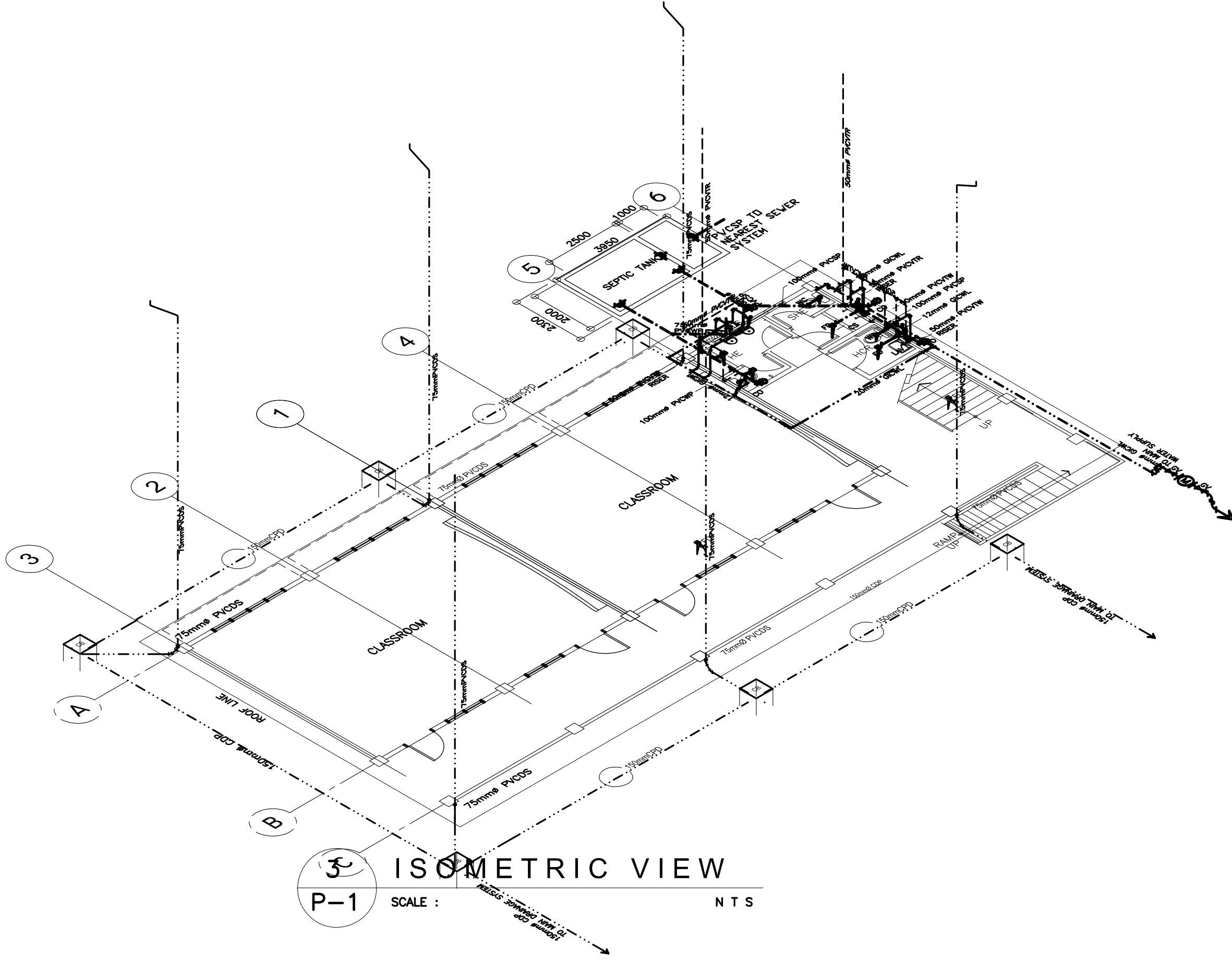
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2 ROOF DRAIN LAYOUT
P-1 SCALE : 1 : 100 METERS










2 PLUMBING RO-IN LAYOUT
P-1 SCALE : 1 : 100 METERS



3 ISOMETRIC VIEW
P-1 SCALE : N T S

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION (DepED) TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING MERALCO AVENUE, PASIG CITY</p>	<p>CONSULTANT / DESIGNER ELIAS MELQUADES EMEL B. CUBA II SANITARY ENGINEER PRC NO. : PTR NO. : TIN : DATE :</p>	<p>REVIEWED BY: EMMANUEL P. GUNTAPAY CHIEF, ARCHITECTURAL DIVISION BUREAU OF DESIGN, DPWH</p>	<p>RECOMMENDING APPROVAL : SOFIA T. SANTIAGO OIC, DIRECTOR III BUREAU OF DESIGN, DPWH</p>	<p>APPROVED FOR ACCREDITATION : GILBERTO S. REYES OIC, DIRECTOR IV BUREAU OF DESIGN, DPWH</p>	<p>CONCURRED : Ramon C. Bacani UNDERSECRETARY DEPARTMENT OF EDUCATION (DepED)</p>	<p>PROJECT TITLE : TWO STOREY FOUR CLASSROOM SCHOOL BUILDING LOCATION :</p>	<p>PROJECT NO. : DESIGNED BY : ENCODED BY: Max C CHECKED BY : DATE :</p>	<p>OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : PLUMBING RO-IN LAYOUT ISOMETRIC VIEW ROOF DRAIN LAYOUT</p>	<p>SHEET NO. : P-1 2</p>
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- | | | | | | | | | | |
|---|--|---|---|---|---|--|---|---|---|
|  <div style="text-align: center;"> <p>REPUBLIC OF THE PHILIPPINES</p> <p>DEPARTMENT OF EDUCATION (DepED)</p> <p>TASK FORCE ENGINEERING, ASSESSMENT AND MONITORING</p> <p>MERALCO AVENUE, PASIG CITY</p> </div>  | CONSULTANT / DESIGNER

ELIAS MELQUIDES EMEI. B. CUBA II
SANITARY ENGINEER
PRG NO. : _____ TIN : _____
PTR NO. : _____ DATE : _____ | REVIEWED BY:

EMMANUEL C. GUNTAPAY
CHIEF, ARCHITECTURAL DIVISION
BUREAU OF DESIGN, DPWH | RECOMMENDING APPROVAL :

SOFIA T. SANTIAGO
OIC, DIRECTOR III
BUREAU OF DESIGN, DPWH | APPROVED FOR ACCREDITATION :

GILBERTO S. REYES
OIC, DIRECTOR IV
BUREAU OF DESIGN, DPWH | CONCURRED :

RAMON C. BACANI
UNDERSECRETARY
DEPARTMENT OF EDUCATION (DepED) | PROJECT TITLE :
<div style="text-align: center;"> <p>TWO STOREY
FOUR CLASSROOM
SCHOOL BUILDING</p> </div> LOCATION : _____ | PROJECT NO:
DESIGNED BY:
ENCODED BY: Max C
CHECKED BY:
DATE : _____ | OWNER :
<div style="text-align: center;"> <p>DEPARTMENT OF EDUCATION
DepED</p> </div> SHEET CONTENTS : SEPTIC TANK DETAIL
DESIGN CRITERIA, LEGEND
MISC. DETAILS | SHEET NO:
<div style="text-align: center;"> <p>P-2</p> <p>2</p> </div> |
|---|--|---|---|---|---|--|---|---|---|

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 FURNISH SUFFICIENT INFORMATION FOR THE AGENT OF THE CREDITED AGENCY TO ASSESS THE RISK OF THE NATURE
 OF THE AGENT'S DUTY OF AGENCY DESIGN.

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REP. ACT 545