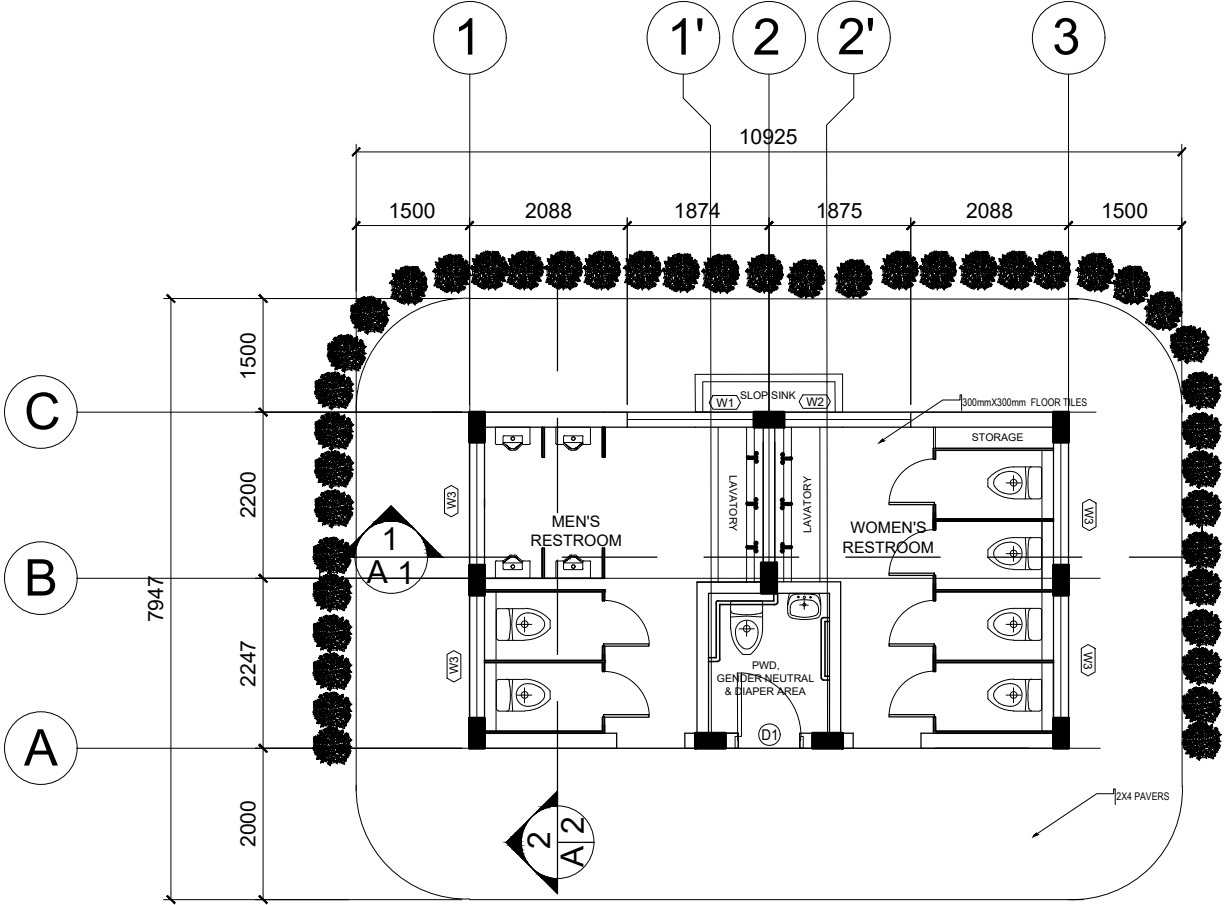




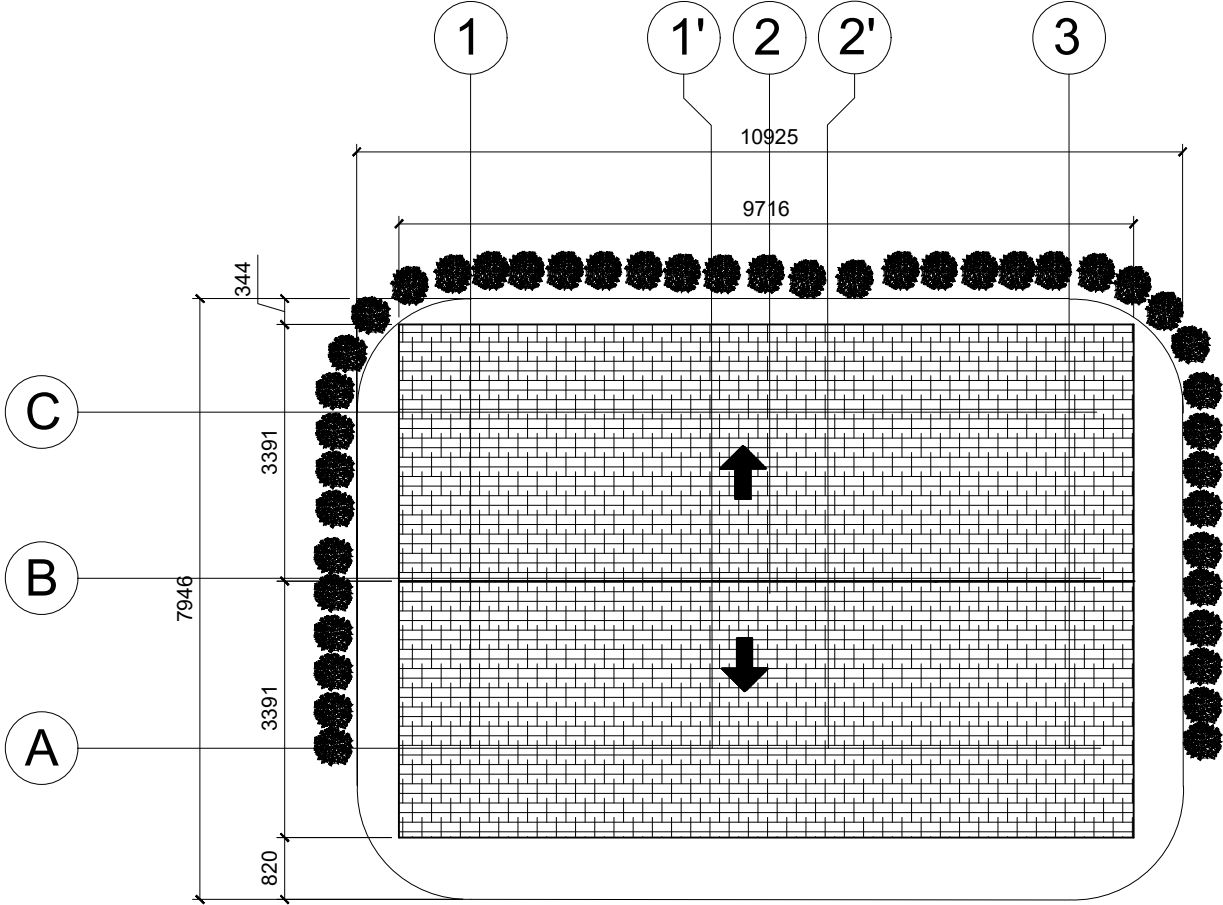
EXTERIOR PERSPECTIVE 1

EXTERIOR PERSPECTIVE 2

EXTERIOR PERSPECTIVE 3

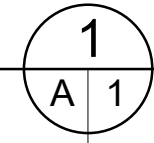


FLOOR PLAN



ROOF PLAN

Project Duration : 45 calendar days

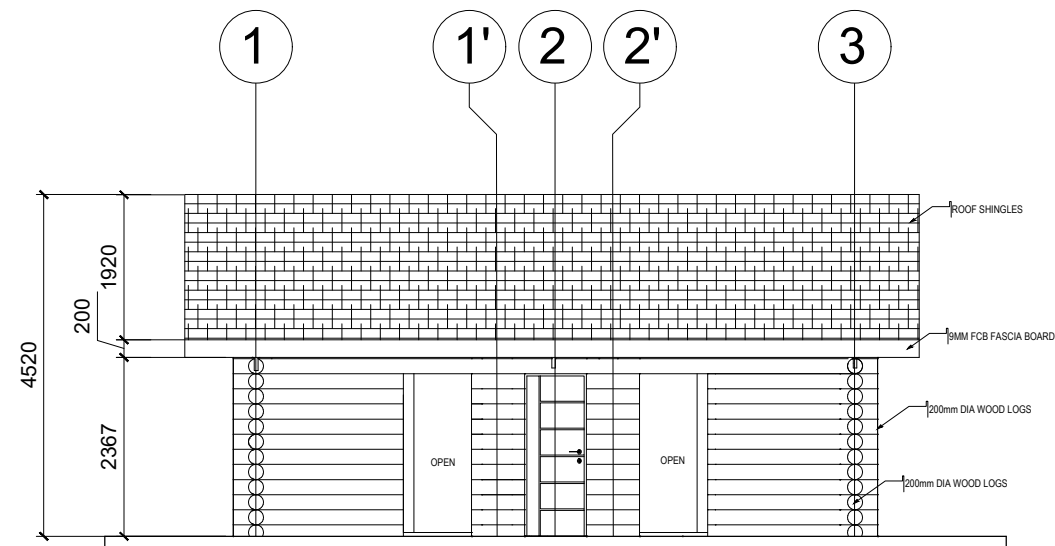


SCOUT HILL TYPICAL RESTROOM FLOOR PLAN

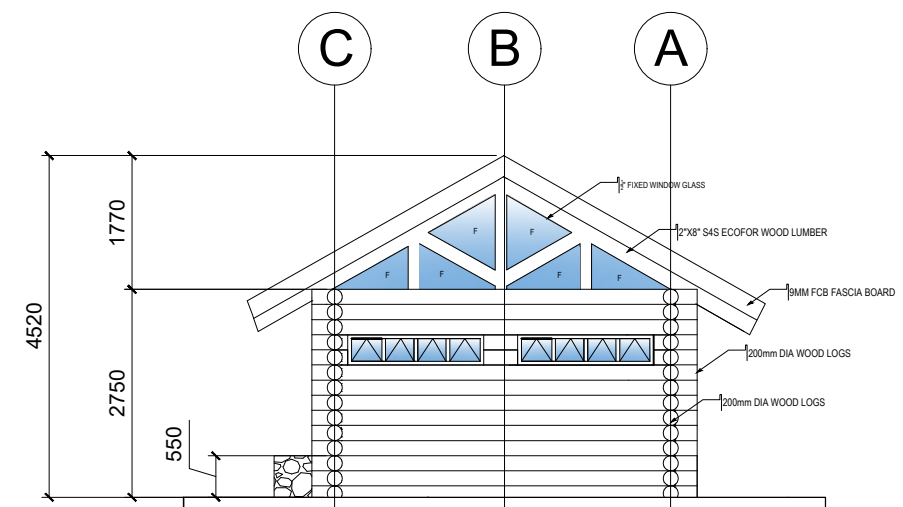
SCALE:

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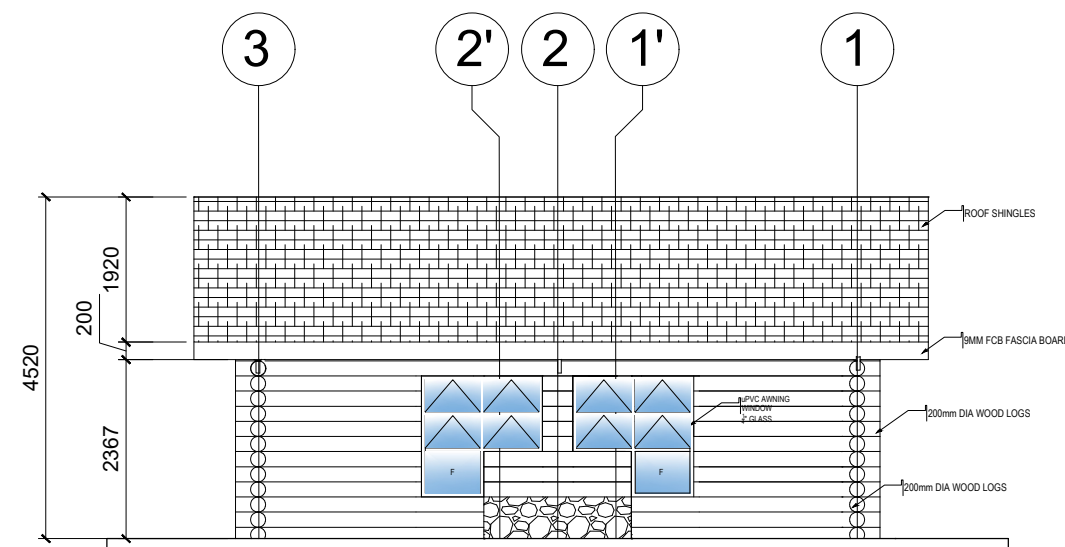
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION a member of The BCDs Group	PROJECT TITLE: PROPOSED RESTROOM AT SCOUT HILL	LOCATION CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	PREPARED BY: AR. LEONARDO JR. B. BIASURA ARCHITECT I	CHECKED BY: AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	APPROVED BY: ENGR. BOBBY V. AKIA EAMD MANAGER	DATE: REVISION NO.	SHEET NO. 1 12
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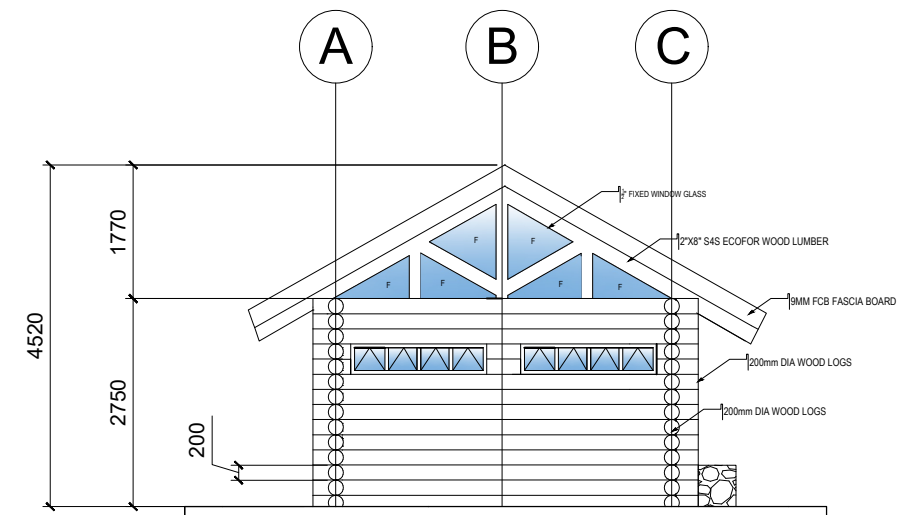
FRONT ELEVATION



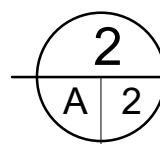
RIGHT SIDE ELEVATION



REAR ELEVATION



LEFT SIDE ELEVATION

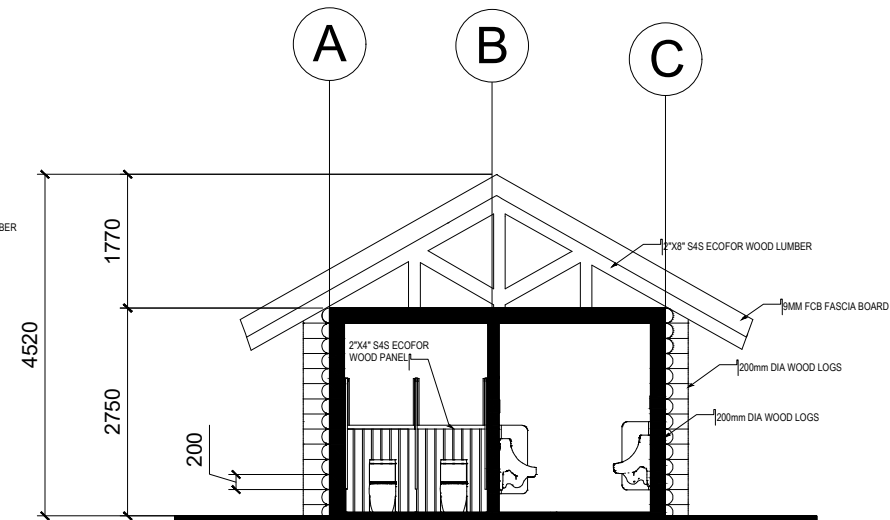


SCOUT HILL RESTROOM ELEVATIONS

SCALE:

1:100 MTRS.

PROJECT TITLE:	LOCATION	PREPARED BY:	CHECKED BY:	APPROVED BY:	DATE:	SHEET NO.
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION a member of The BCDs Group	PROPOSED RESTROOM AT SCOUT HILL	CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	AR. LEONARDO JR. B. BIASURA ARCHITECT I	AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	ENGR. BOBBY V. AKIA EAMD MANAGER	2 12
					REVISION NO.	



CROSS SECTION



SCALE: 1:100MTRS.

	PROJECT TITLE:	LOCATION	PREPARED BY:	CHECKED BY:	APPROVED BY:	DATE:	1 12
	PROPOSED RESTROOM AT SCOUT HILL	CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	AR. LEONARDO JR. B. BIASURA ARCHITECT I	AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	ENGR. BOBBY V. AKIA EAMD MANAGER	REVISION NO.	



LOAD COMPUTATION PB-1
 $I_{TOT} @ 80\% D.F = 662/230V \times 0.80 + 25\% \times 17A$
 $= 2.30 + 4.25 = 6.55 \text{ AMPERES}$

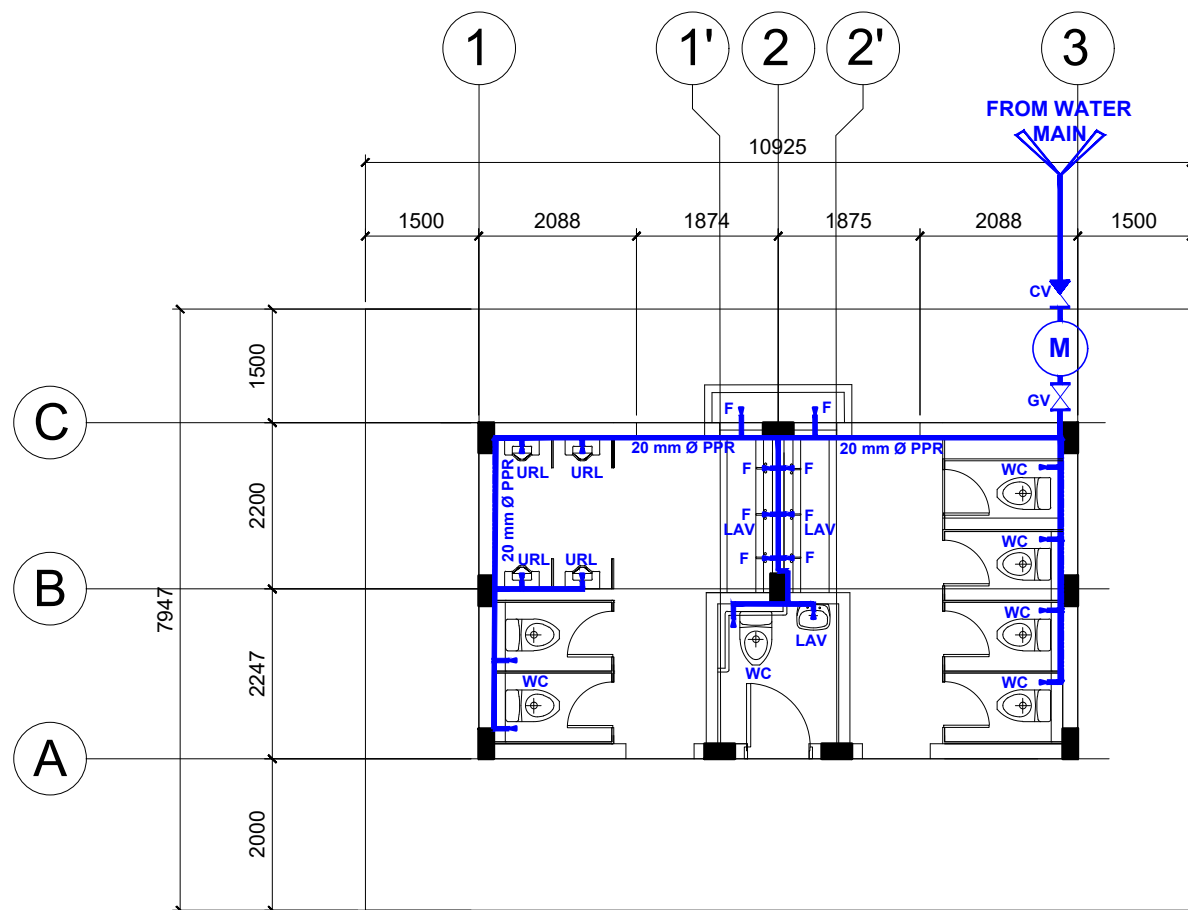
USE: 60 AT, 2 POLES, 240 VOLTS, 10 KAIC
FOR SERVICE EQUIPMENT

LOAD TABULATION AND COMPUTATION PB-1

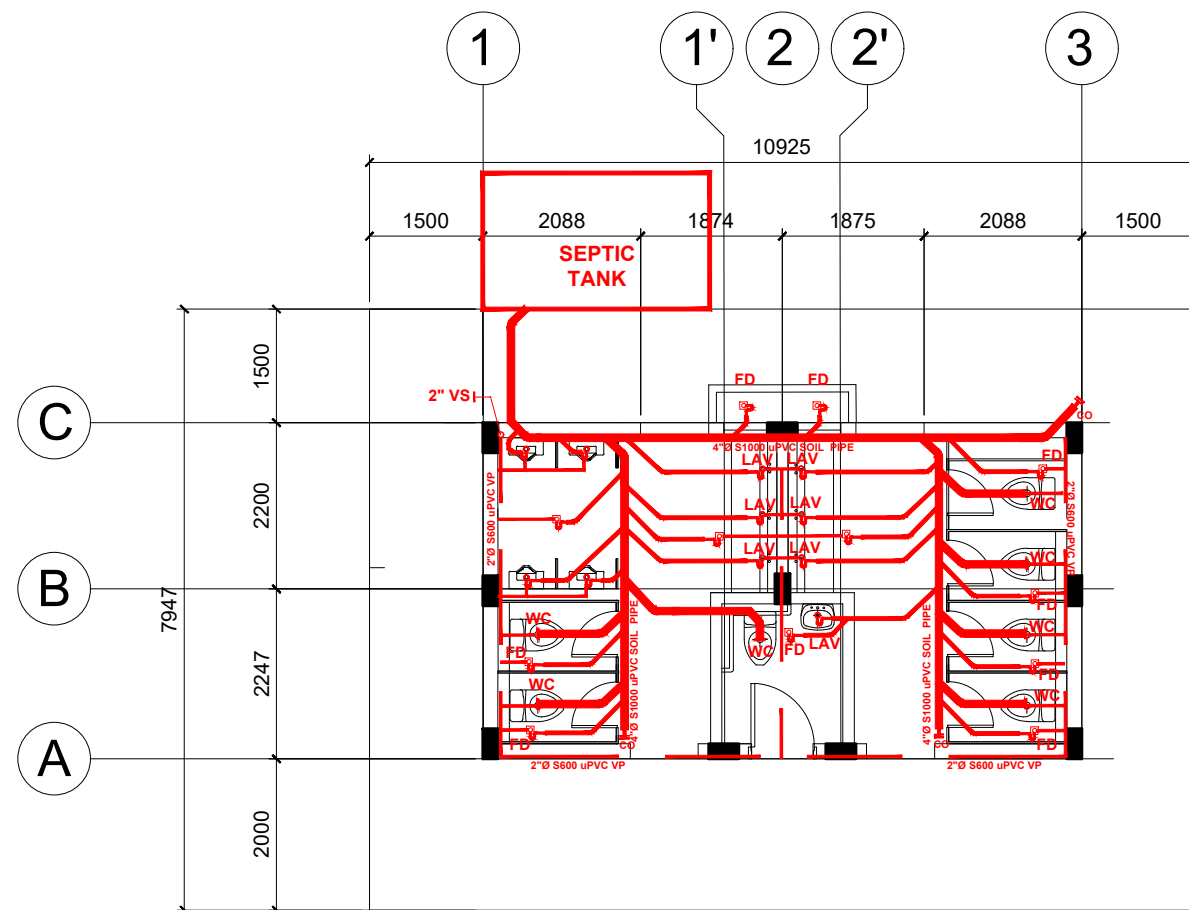


- ## ELECTRICAL LEGEND AND NOTES

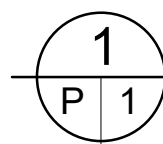
- 1.0 ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE, WITH THE RULES AND REGULATIONS OF NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND WITH THE RULES AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
- 2.0 SERVICE VOLTAGE TO THE BUILDING SHALL BE 220V, 60HZ, SINGLE PHASE THREE-WIRE SYSTEM.
- 3.0 THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF THE CONCRETE TERMINAL POLE FOR CONNECTION TO THE POWER SUPPLY AND TELEPHONE SERVICE.
- 4.0 ALL INSTALLATIONS SHALL BE CONCEALED FROM VIEW, WIRING SHALL BE ENCASED IN POLYVINYL CHLORIDE(PVC) PIPES SCHED 40 EXCEPT POWER AND TELEPHONE SERVICE ENTRANCE WHICH SHALL BE IN RIGID STEEL CONDUIT(RSC) UNLESS OTHERWISE NOTED.
- 5.0 MINIMUM WIRE AND CONDUIT SIZE SHALL BE 3.5mm TW AND 12mm TRADE SIZE, RESPECTIVELY UNLESS OTHERWISE SPECIFIED.
- 6.0 PULL BOXES OF APPROPRIATE SIZES SHALL BE PROVIDED, EVEN IF NOT INDICATED IN DRAWINGS TO ACCOMMODATE THE NUMBER OF SPLICES OR WIRES.
- 7.0 ALL FLUORESCENT LAMPS SHALL BE PROVIDED WITH POLYESTER FILLED, PRE HEAT THERMALLY PROTECTED HIGH POWER FACTOR BALLASTS.
- 8.0 ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE APPROPRIATE FOR BOTH LOCATION AND INTENDED USE.
- 9.0 LIGHT CONTROL SWITCHES SHALL BE RATED 10A 250V AND SHALL NOT CARRY A LOAD GRATER THAN 50 AMPS. LIGHT SWITCHES SHALL BE INSTALLED FOR OPERATION WITH VERTICAL MOTION.
- 10.0 FOR EACH SPARE CIRCUIT IN PANEL BOARD, PROVIDE EMPTY 19mm Ø RISER TERMINATING IN A 58mm x 100mm OCTAGONAL BOX ABOVE CEILING.
- 11.0 ELECTRICAL INSTALLATION SHALL BE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.



WATERLINE LAYOUT



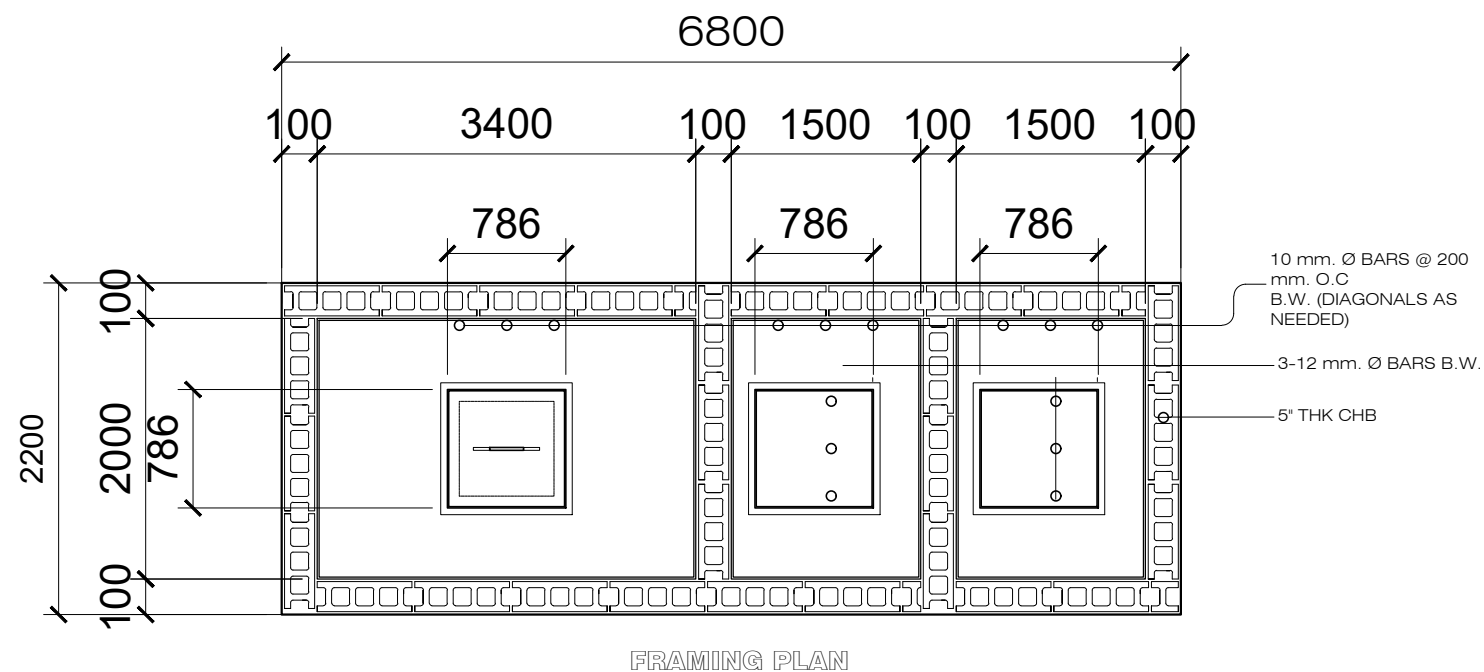
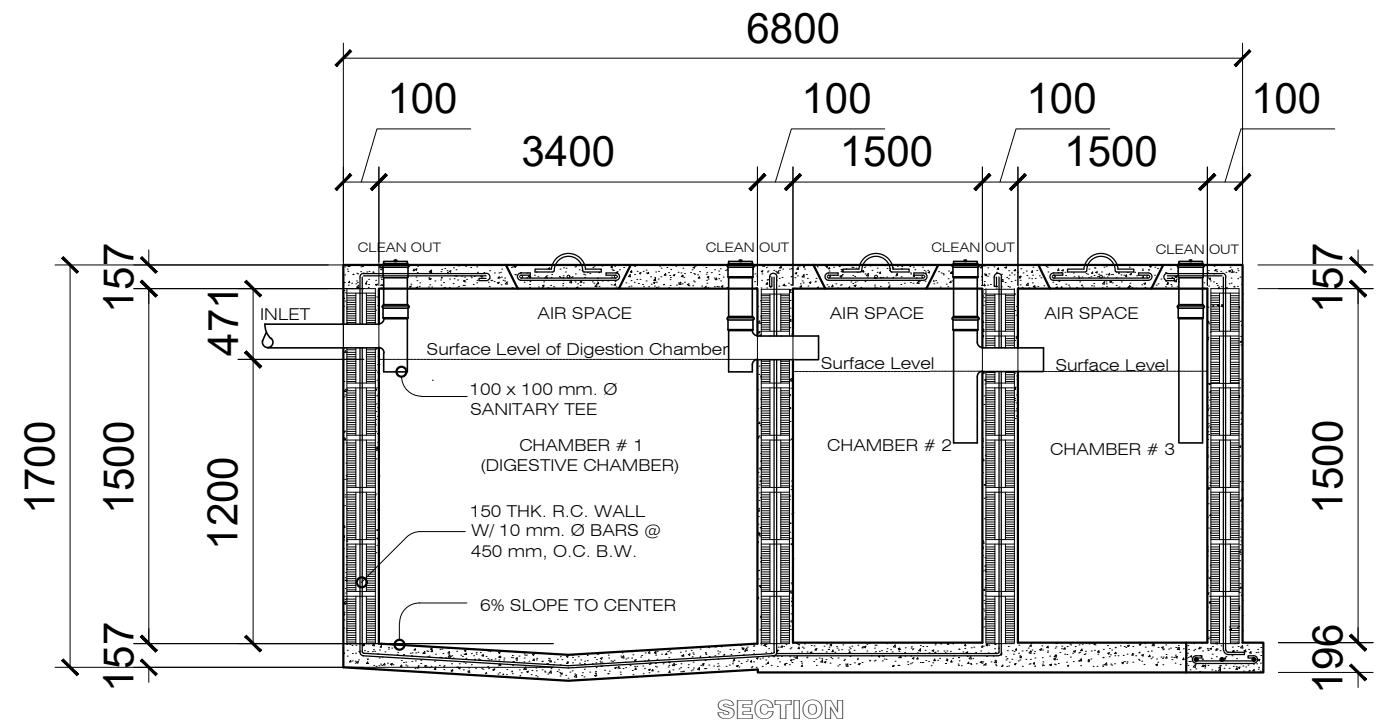
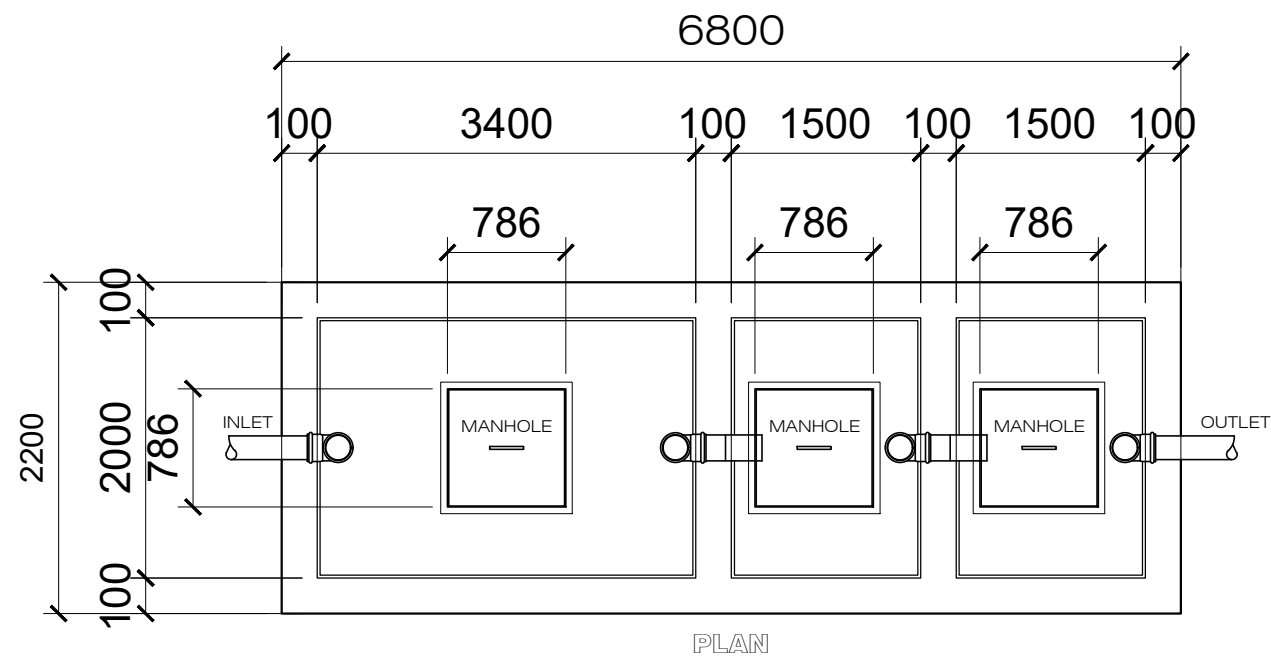
SEWERLINE LAYOUT



SCOUT HILL TYPICAL RESTROOM

SCALE: 1:100 MTRS.

PROJECT TITLE:	LOCATION	PREPARED BY:	CHECKED BY:	APPROVED BY:	DATE:	SHEET NO.
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION a member of The BCDs Group	PROPOSED RESTROOM AT SCOUT HILL	CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	AR. LEONARDO JR. B. BIASURA ARCHITECT I	AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	ENGR. BOBBY V. AKIA EAMD MANAGER	6 12
					REVISION NO.	



COMPUTATION:

TYPE OF OCCUPANCY
OUTDOOR PUBLIC RESTROOM
NO. OF OCCUPANTS
300 PERSONS

QUANTITY OF SEWAGE FLOW PER
PERSON/DAY (P.D. 856 CHAPTER 17-TABLE 1)
75 Liters / DAY / PERSON

$$Q = 300 \times 75 \text{ Liters / DAY / PERSON}$$

$$Q = 22,500 \text{ Liters/DAY}$$

$$V (\text{VOLUME}) = 22,500 \text{ L} \times \frac{1 \text{ M}^3}{1000 \text{ L}}$$

$$= 22.5 \text{ M}^3$$

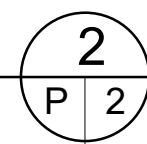
*INSIDE DIMENSIONS AS PER PLAN

$$L (\text{LENGTH}) = 3.40 \text{ M.} + 1.70 \text{ M.} + 1.70 \text{ M.}$$

$$W (\text{WIDTH}) = 2.20 \text{ M}$$

$$D (\text{DEPTH}) = 1.50 \text{ M}$$

$$\text{VOLUME} = 22.50 \text{ M}^3$$



SCOUT HILL TYPICAL RESTROOM

SCALE:

1:50 MTRS.

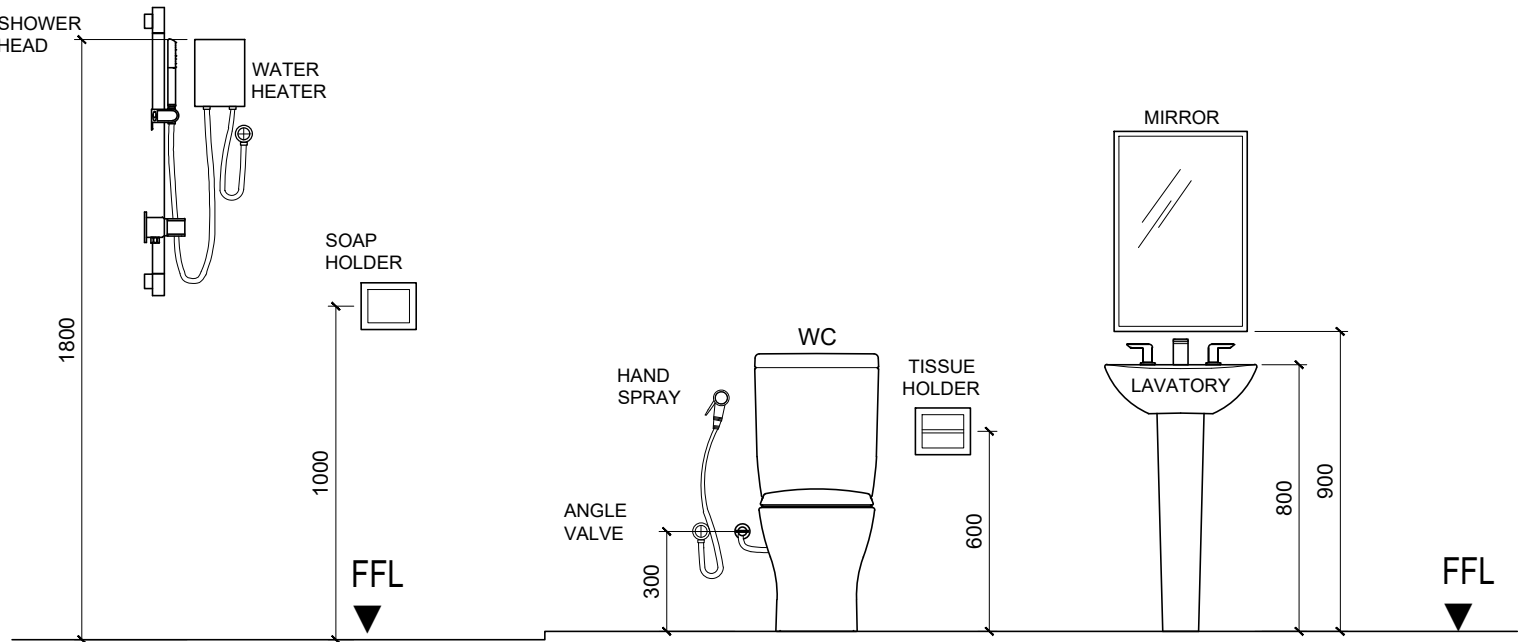
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION a member of The BCDs Group	PROJECT TITLE: PROPOSED RESTROOM AT SCOUT HILL	LOCATION CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	PREPARED BY: AR. LEONARDO JR. B. BIASURA ARCHITECT I	CHECKED BY: AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	APPROVED BY: ENGR. BOBBY V. AKIA EAMD MANAGER	DATE: REVISION NO.	SHEET NO. 7 12
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- 1.0. ALL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND LOCAL CODE REQUIREMENTS.
- 2.0. THE PLUMBING LAYOUT IS ONLY DIAGRAMATIC. PIPES, CLEANOUTS AND CHECK VALVES SHALL BE CONCEALED AS MUCH AS POSSIBLE.
- 3.0. PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL MEMBERS UNLESS OTHERWISE SPECIFIED AND/OR ALLOWED.
- 4.0. RUN ALL HORIZONTAL PIPING IN PERFECT ALIGNMENT AND AT UNIFORM GRADE OF NOT LESS THAN SLOPE OF 1: 50 FOR SEWER LINES AND 1: 100 FOR DRAINAGE LINES.
- 5.0. ALL FLOOR DRAINS SHALL BE VENTED INDIVIDUALLY.
- 6.0. ALL CLEANOUTS SHALL BE FLUSHED MOUNTED TO WALL AND PROVIDED WITH COVER CAPS. DO NOT INSTALL FLOOR CLEANOUTS EXCEPT AT LINES ON GRADE AND SERVICE AREAS NOT SERVICE T TRAFFIC.
- 7.0. ALL SANITARY SEWER PIPES AND FITTINGS SHALL BE POLYVINYL CHLORIDE (PVC) PIPES. WATER DISTRIBUTION SHALL BE POLYPROPELYNE (PPR) PIPES.
- 8.0. PROVIDE VENT PIPES AND VENT STACK THRU ROOF AS REQUIRED.
- 9.0. PROVIDE GATE VALVES ON ALL WATER SUPPLY LINES TO FIXTURES.
10. ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUPS OF FIXTURES AND/OR EQUIPMENTS SHALL BE PROVIDED WITH AIR CHAMBERS OR CAPPED - UP WITH VERTICAL PIPE EXTENSION OF DIMENSIONS AS SHOWN.
h = 450mm for 19mm Ø PIPE
h = 300mm for 12mm Ø PIPE
11. ALL PLUMBING WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED SANITARY ENGINEER OR A MASTER PLUMBER.

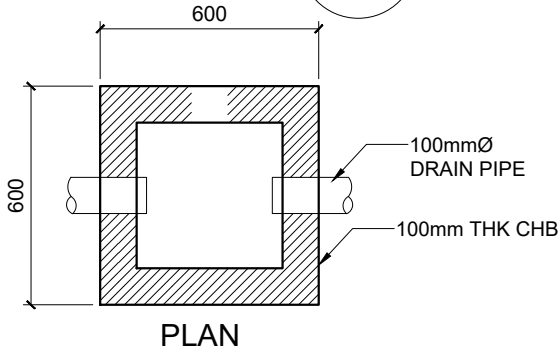
1 GENERAL NOTES
P100 SCALE: NTS

LEGEND	
	GV GATE VALVE
	CV CHECK VALVE
	METER
SHO	SHOWER
LAV	LAVATORY
WC	WATER CLOSET
FD	FLOOR DRAIN
F	FAUCET
KS	KITCHEN SINK
CB	CATCH BASIN
MH	MANHOLE
C.O	CLEAN OUT
VTR	VENT THRU ROOF
BP	BOOSTER PUMP
PS	PRESSURE TANK
WT	WATER TANK
FV	FLOAT VALVE
PS	PRESSURE SWITCH

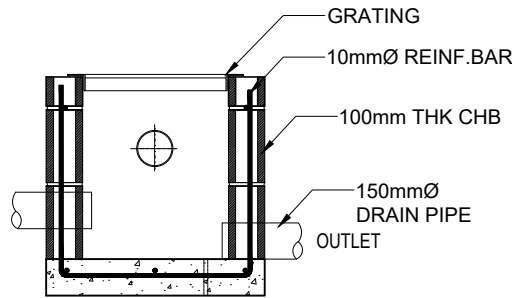
2 LEGENDS
P100 SCALE: NTS



3 MOUNTING HEIGHTS
P100 SCALE: NTS

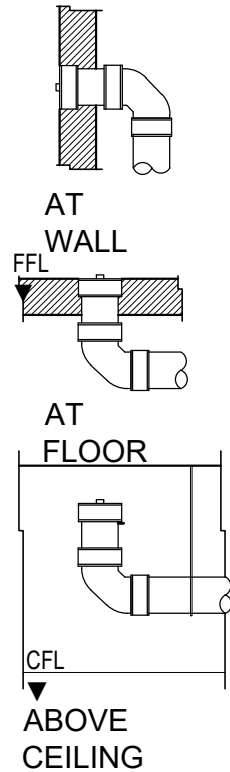


PLAN



SECTION

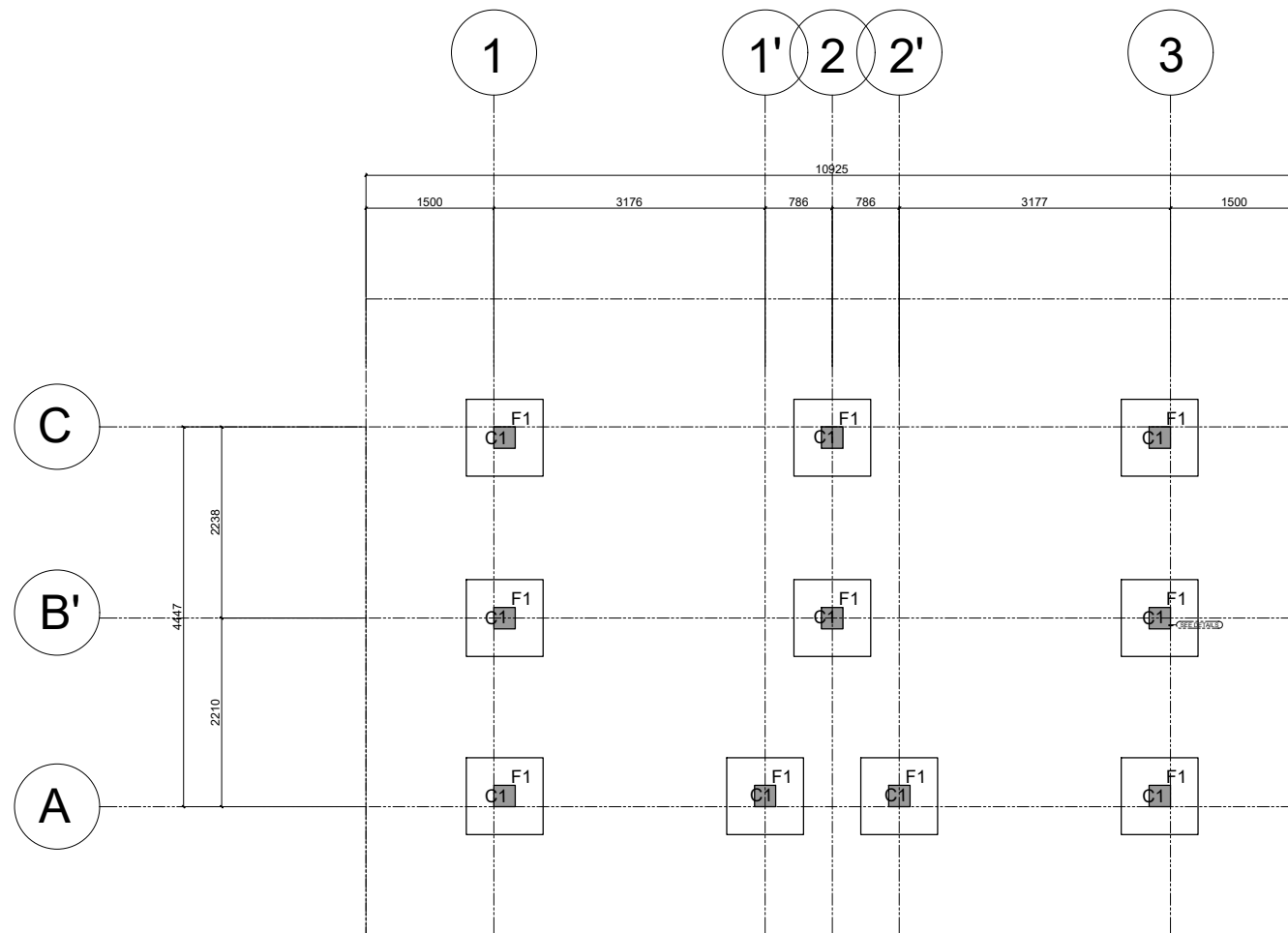
4 CATCH BASIN
P100 SCALE: NTS



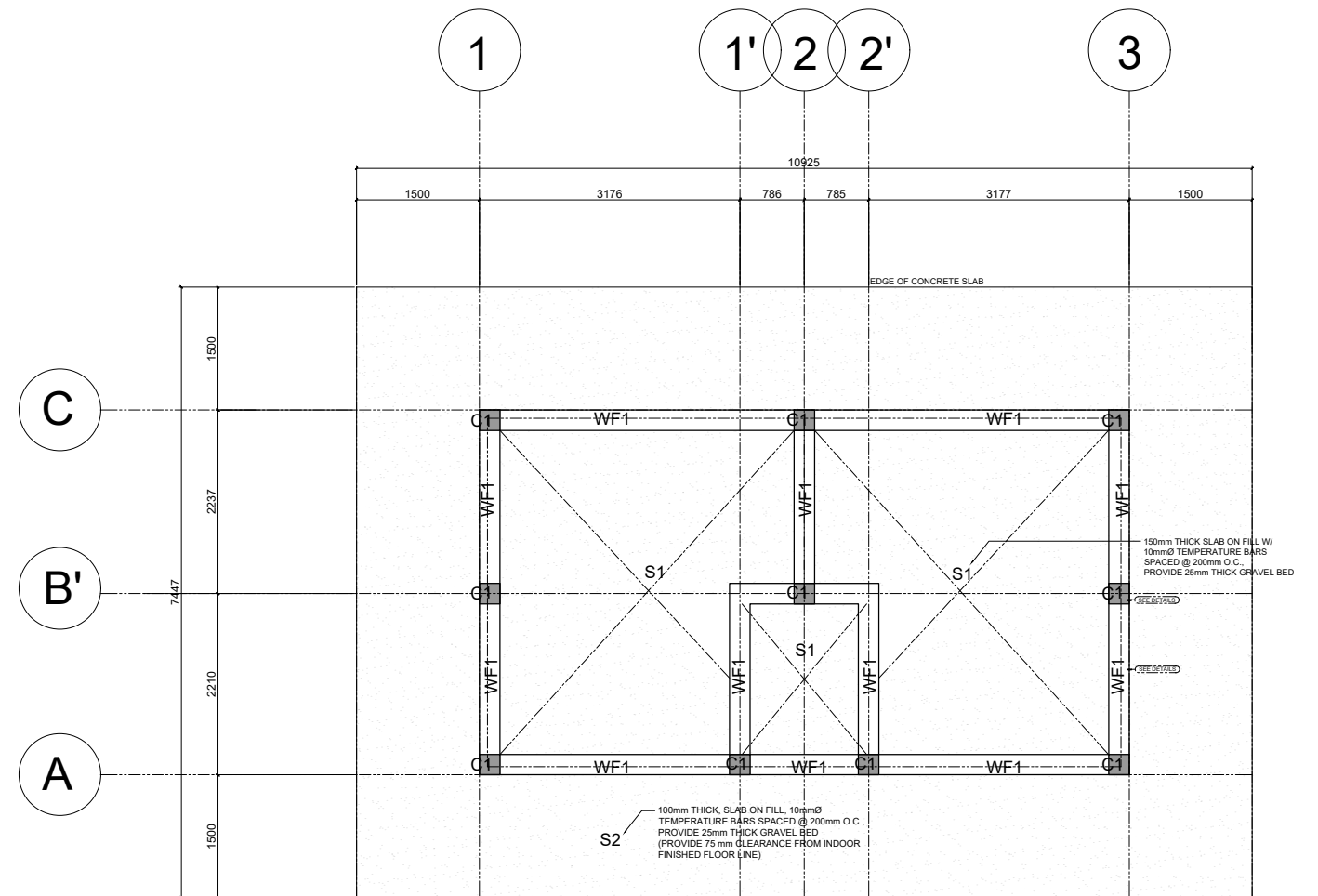
5 CLEAN OUT
P100 SCALE: NTS

3 SCOUT HILL TYPICAL RESTROOM
P 3 SCALE: 1:100 MTRS.

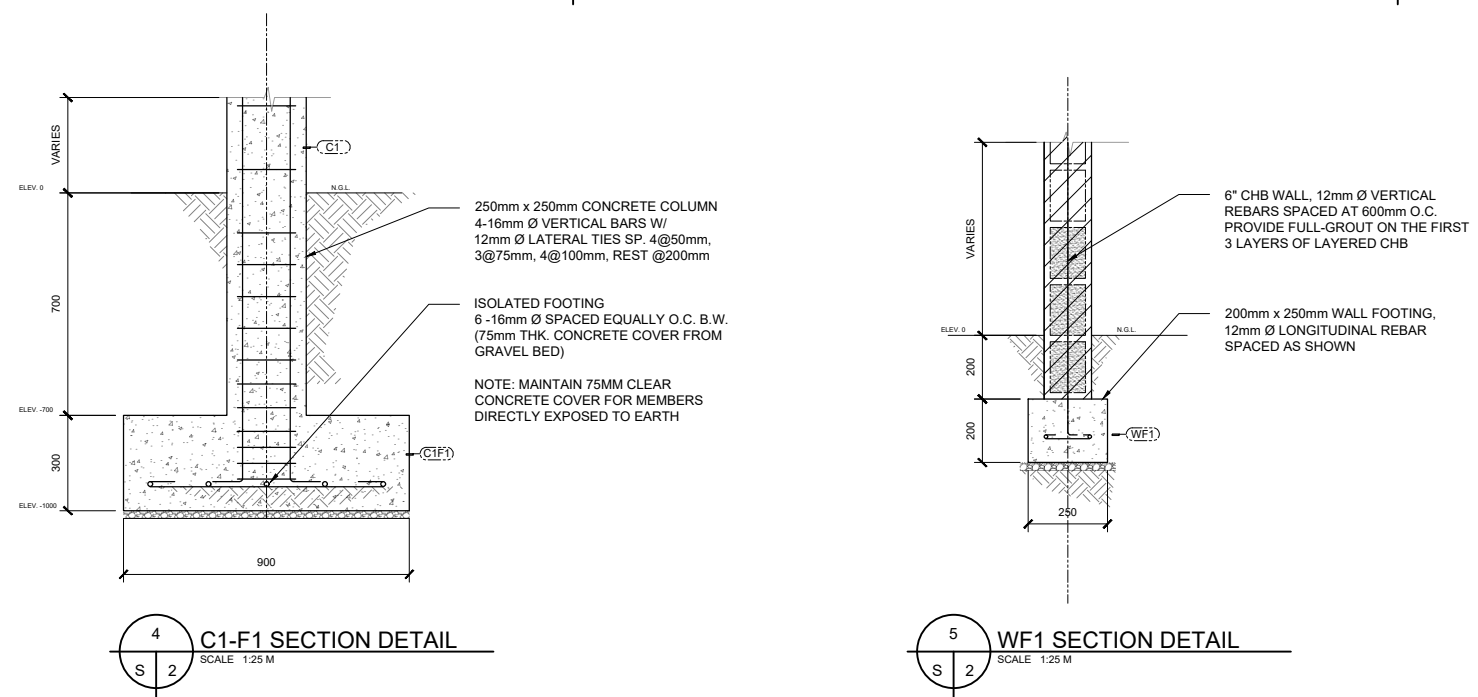
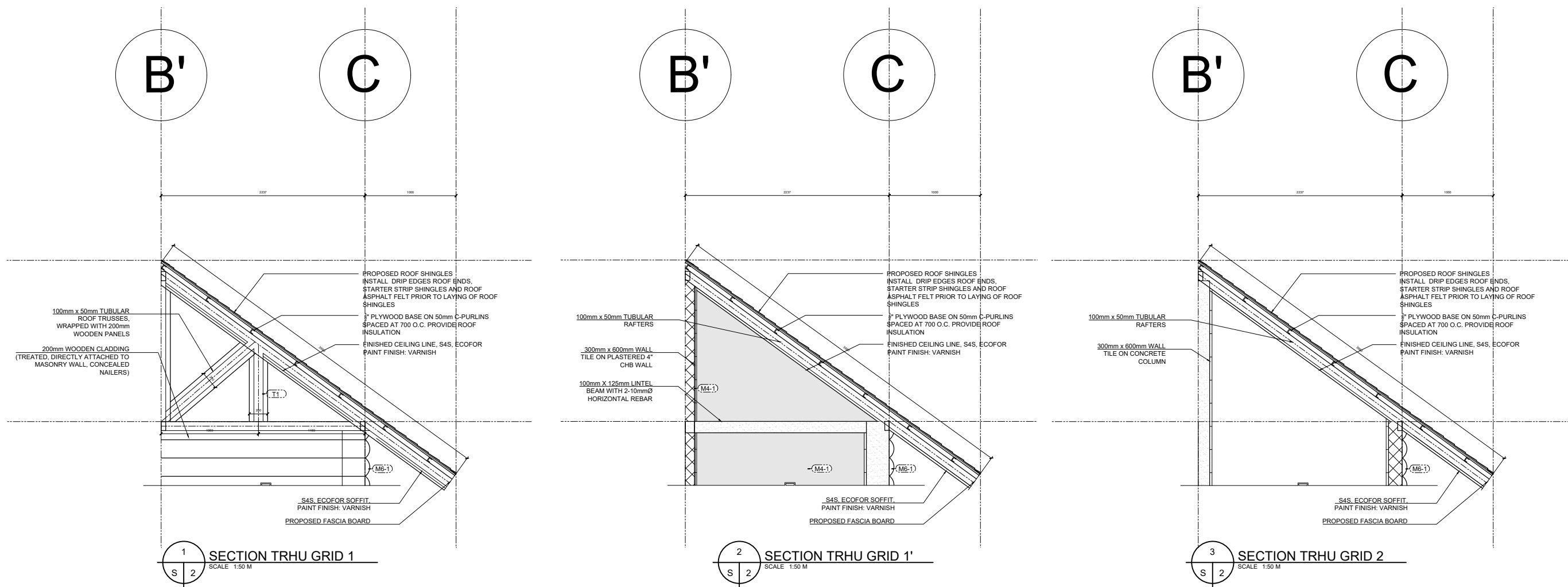
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION a member of The BCDs Group	PROJECT TITLE: PROPOSED RESTROOM AT SCOUT HILL	LOCATION CAMP JOHN HAY, BAGUIO CITY PHILIPPINES	PREPARED BY: AR. LEONARDO JR. B. BIASURA ARCHITECT I	CHECKED BY: AR. LUZVIMINDA NIGOS PANGANIBAN PMD MANAGER	APPROVED BY: ENGR. BOBBY V. AKIA EAMD MANAGER	DATE: REVISION NO.	SHEET NO. 8 12
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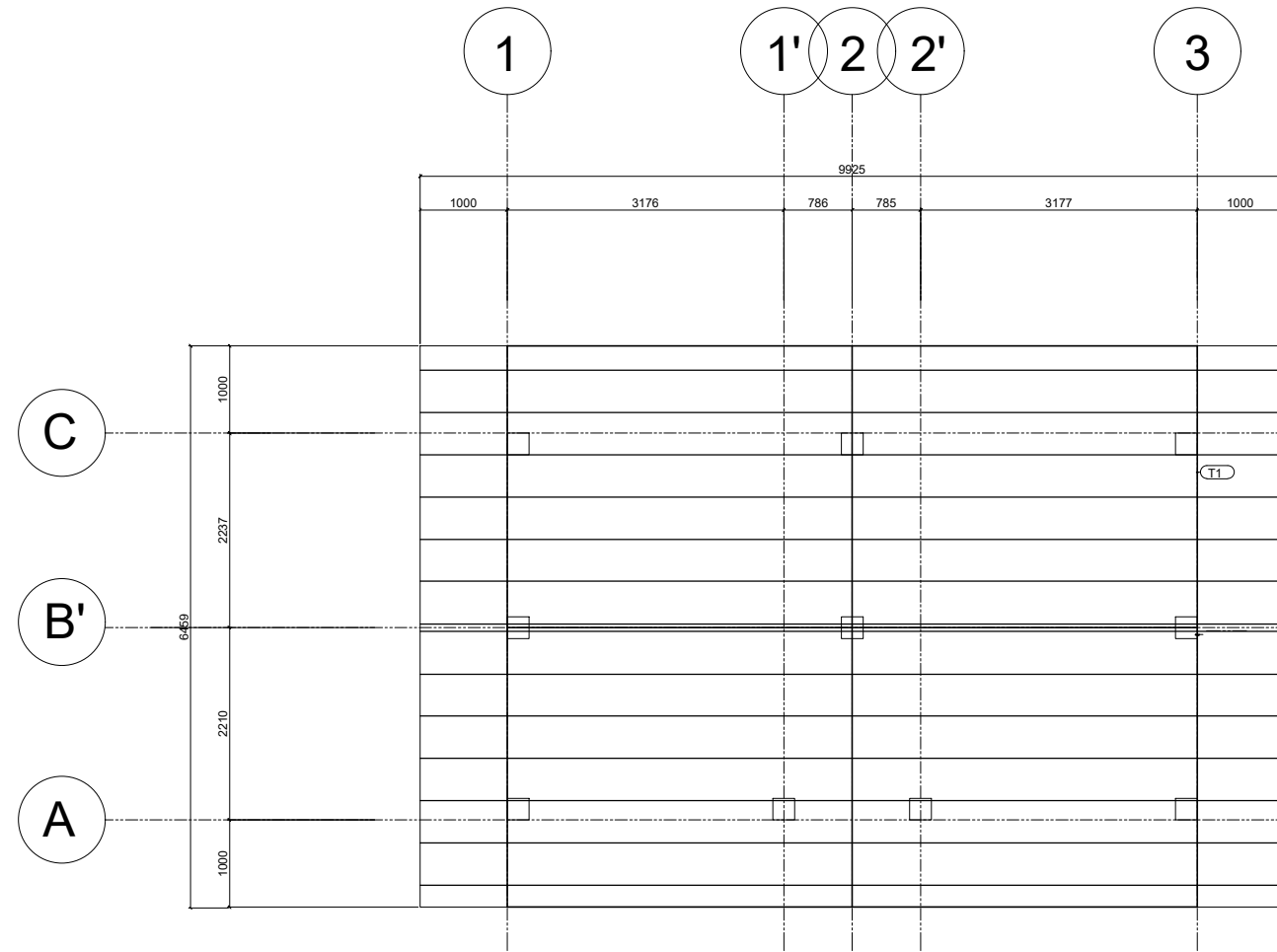


1
S 1
COLUMN / FOUNDATION PLAN
SCALE: 1:90 M

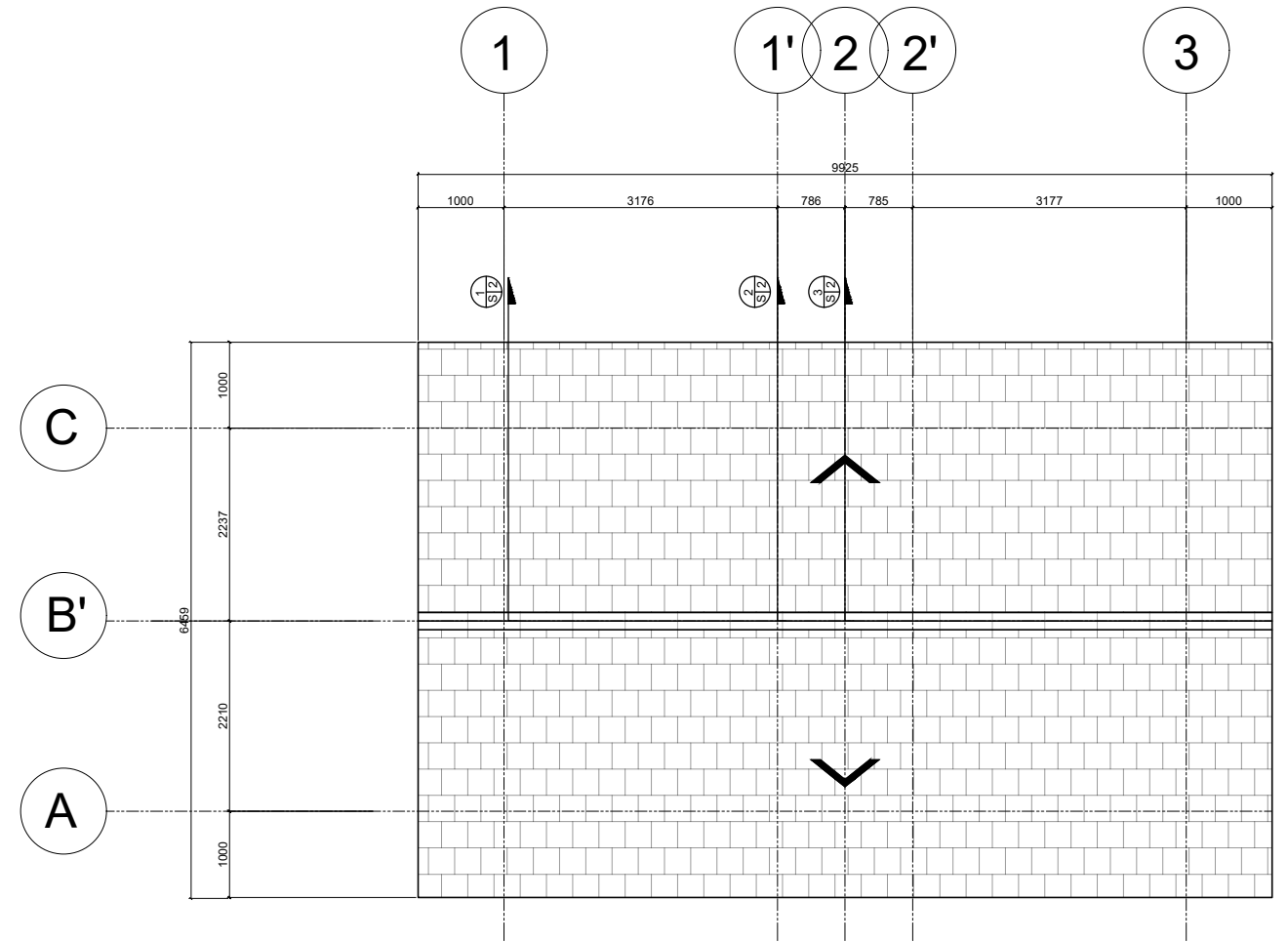


2
S 1
SLAB AND WALL FOOTING PLAN
SCALE: 1:90 M

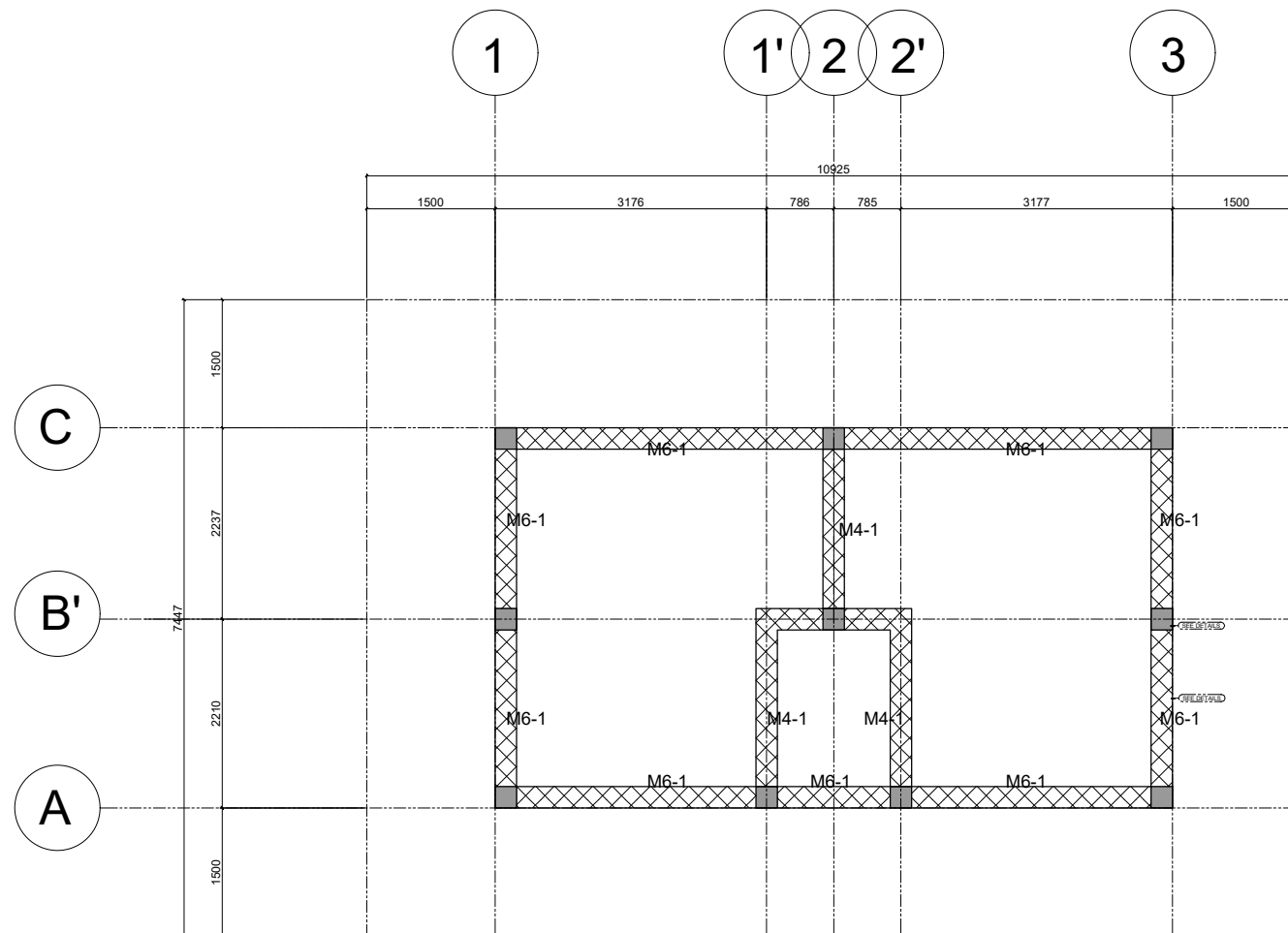




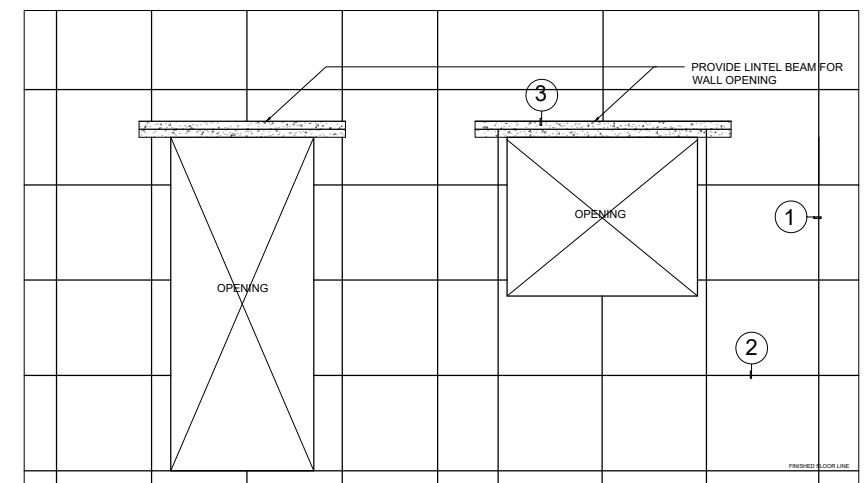
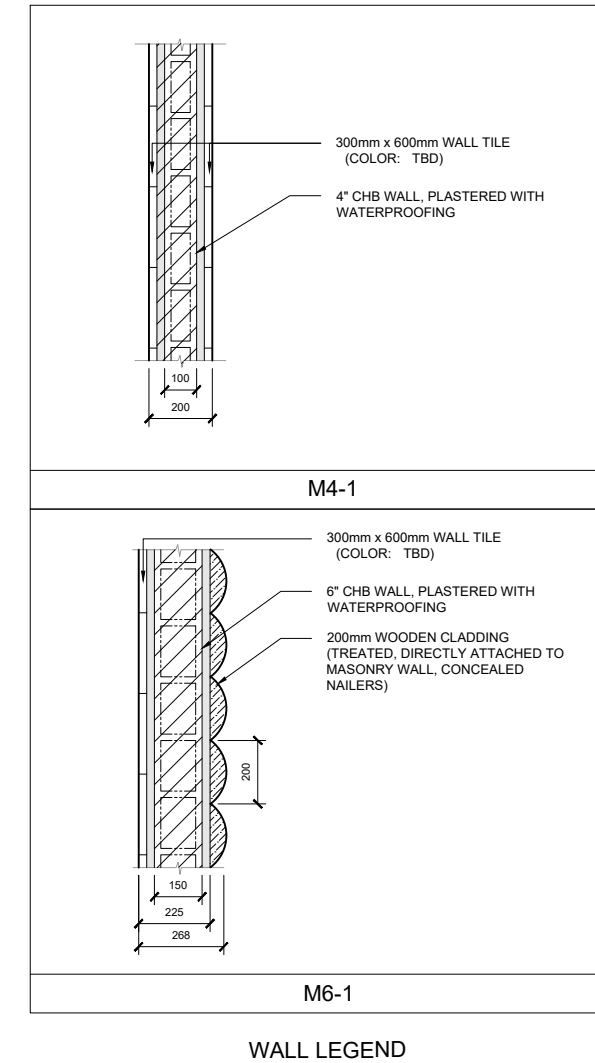
1 ROOFING FRAMING PLAN
SCALE 1:90 M



2 ROOF PLAN
SCALE 1:90 M



1 WALL DETAIL & DESIGNATION
SCALE: 1:90 M



1. 12mm Ø VERTICAL REBAR SPACED AT 600mm O.C.
2. 12mm Ø HORIZONTAL REBAR SPACED AT 600mm O.C.
3. LINTEL BEAMS PROVIDED FOR EVERY OPENING ON THE PROPOSED MASONRY WALL TO SUPPORT ADDITIONAL LAYER OF CHB
4. LAPPING SHOULD BE AT LEAST 200MM FOR 16mm Ø