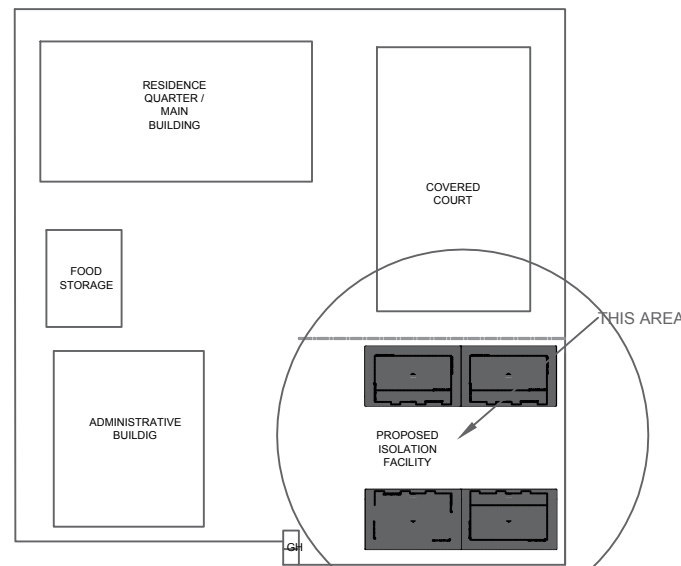




PROPOSED
1 PERSPECTIVE
A-100 SCALE: 1:100 MTS



PROPOSED
2 SITE DEVELOPMENT PLAN
A-100 SCALE: NTS



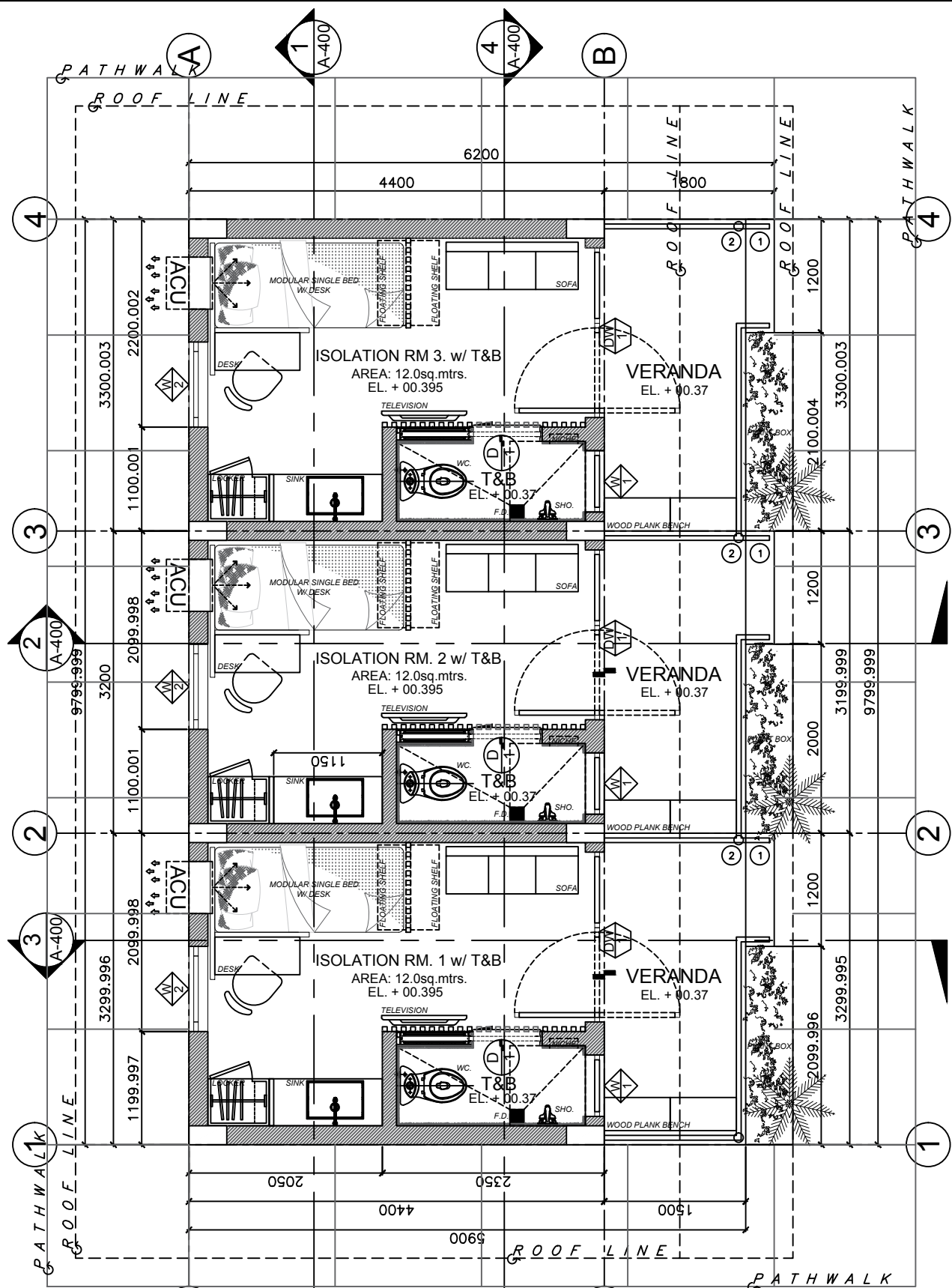
PROPOSED
3 LOCATION MAP
A-100 SCALE: NTS

GENERAL NOTES

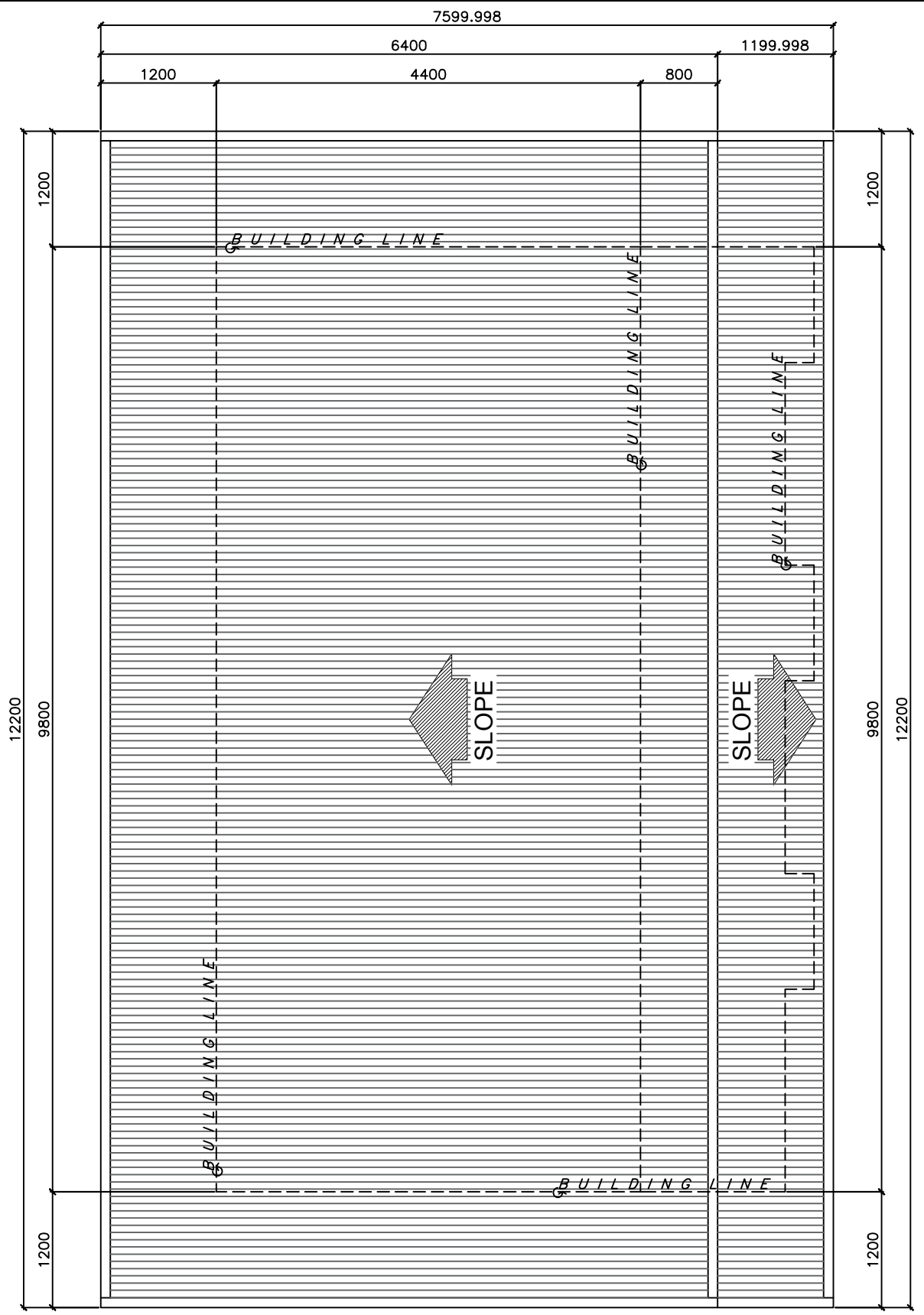
1. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS.
2. ALL WORKS SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE GOVERNING CODES. THE SURVEY AND SOILS REPORT AND RECOMMENDATION THEREIN SHALL BE PART OF THESE CONSTRUCTION DOCUMENTS.
3. ALL DIMENSIONS AND GRADES SHOWN ON THIS PLANS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LINE LOCATIONS WHICH ARE NECESSARY TO COMPLETE THIS PROJECT. WORK SHALL INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, AND SERVICES, INCLUDING TRENCHING, BACK FILLING AND CONNECTIONS MADE TO EXISTING UTILITY LINES.
5. THE CONTRACTOR SHALL VISIT THE SITE, FAMILIARIZE HIMSELF WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATE HIS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
6. THE INTENT OF THE CONTRACT DOCUMENT IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND REQUIRED BY ALL WORK NOT COVERED BE AS BINDING AS IF AND IS REASONABLY INFERRABLE THEREFROM AS BEING NECESSARY TO PRODUCE THE INTENDED RESULTS. WORDS AND ABBREVIATIONS WHICH HAVE WELL KNOWN TECHNICAL OR TRADE MEANING ARE USED IN THE CONTRACT DOCUMENTS IN ACCORDANCE WITH SUCH RECOGNIZED MEANINGS.
7. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED, OR SPECIFIED ON ONE AND NOT THE OTHER IT SHALL BE DONE.
8. SHOULD EITHER THE DRAWING AND THE SPECIFICATION OR ANY PARTICULAR SPECIFICATION, AND THE GENERAL CONDITIONS CONTRADICT EACH OTHER IN ANY POINT, OR REQUIRE CLASSIFICATIONS, THE CONTRACTOR MUST CALL THE SAME TO THE ATTENTION OF THE ARCHITECT, AND HIS DECISION SHALL BE OBTAINED PRIOR TO THE SUBMISSION OF BIDS; OTHERWISE, THE ARCHITECT'S INTERPRETATION WILL GOVERN THE PERFORMANCE OF THE WORK, AND NO ALLOWANCE SHALL BE MADE IN BEHALF OF THE CONTRACTOR.
9. SHOULD ANY ERROR OR INCONSISTENCY APPEAR IN THE DRAWINGS OR SPECIFICATION, THE CONTRACTOR, BEFORE PROCEEDING WITH THE WORK, MUST CLEARLY BRING THE SAME TO THE ATTENTION OF THE ARCHITECT FOR PROPER ADJUSTMENT AND IN NO CASE PROCEED WITH THE WORK IN UNCERTAINTY, NOR WITH INSUFFICIENT DRAWINGS.
10. THE CONTRACTOR SHALL FOLLOW SIZES AND SPECIFICATION OR FIGURES ON DRAWINGS IN PREFERENCE TO SCALED MEASUREMENTS, AND TO FOLLOW DETAILED DRAWINGS IN PREFERENCE TO GENERAL DRAWINGS AND FOLLOW ACTUAL FIELD CONDITIONS.
11. WHERE IT IS OBVIOUS THAT A DRAWING ILLUSTRATES ONLY A PART OF A GIVEN WORK OR A NUMBER OF ITEMS, THE REMAINDER SHALL BE DEEMED REPETITIOUS AND SO CONSTRUCTED.
12. VERIFY COORDINATION OF OPENINGS, SHOWN ON PLANS, WITH SCHEDULE OF DOORS AND WINDOWS. THE DESIGNER WILL NOT BE RESPONSIBLE TO ANY DISCREPANCY THAT WAS NOT VERIFIED PRIOR TO FABRICATION OF DOOR JAMBS AND WINDOW FRAMINGS.
13. THE CONTRACTOR SHALL CONTROL THE DUST RESULTING FROM HIS OPERATIONS THROUGH WATERING AND SUITABLE METHODS ON THE SITE AND HAUL ROUTE.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND KEEP THE ENTIRE SITE FREE FROM EROSION.
15. ALL GRADING, SITE PREPARATION, PLACING AND COMPACTING OF FILL SHALL BE DONE UNDER THE DIRECT SUPERVISION OF SOIL ENGINEER.
16. CONTRACTOR SHALL COMPLY ALL CODES AND REGULATIONS RELATING TO THE SAFETY AND CHARACTER OF WORK.
17. THE CONTRACTOR SHALL BE RESPONSIBLE ARRANGING ALL REQUIRED INSPECTION.
18. NO SURFACE DRAINAGE SHALL BE PERMITTED TO DRAIN INTO ADJACENT PROPERTIES. NO PERMANENT ON SITE WATER RETENTION IS ALLOWED.
19. ANY VERTICAL CUT OR FILL DIFFERENTIAL EQUAL TO OR GREATER THAN 300 MM BETWEEN THE ADJACENT PROPERTIES SHALL BE SUPPORTED BY AN APPROVED RETAINING WALL DIFFERENTIALS LESS 300 MM SHALL HAVE A MINIMUM SLOPE OF 1:2.
20. TREE BRANCHES THAT WILL INTERFERE WITH THE CONSTRUCTION SHALL BE PROPERLY PRUNED PRIOR TO BEGINNING CONSTRUCTION. PRUNING SHALL BE KEPT TO MINIMUM AND SHALL COMPLY WITH ACCEPTED HORTICULTURE PRACTICE.
21. A PROTECTIVE FENCE SHALL BE PLACED AT THE DRIP LINE OF EXISTING TREES THAT ARE DESIGNATED TO REMAIN DURING THE CONSTRUCTION PERIOD.
22. THE LANDSCAPE CONTRACTOR SHALL FAMILIARIZE ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE ALL WORK WITH GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PUBLIC AND PRIVATE PROPERTIES ADJACENT TO THE WORK AREA AND SHALL EXERCISE DUE CAUTION TO AVOID DAMAGE TO SUCH PROPERTIES. THE CONTRACTOR SHALL REPLACE OR REPAIR TO THEIR ORIGINAL CONDITION ALL EXISTING IMPROVEMENTS WITHIN OR ADJACENT TO THE WORK AREA WHICH ARE NOT DESIGNATED FOR REMOVAL AND ARE DAMAGED OR REMOVED AS A RESULT OF HIS OPERATIONS.
24. ALL EXISTING UTILITIES AND OTHER UNDERGROUND FACILITIES AND STRUCTURES MAY NOT BE SHOWN IN THESE DRAWINGS. THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES, STRUCTURES, AND OTHER FACILITIES AND PROTECT THEM DURING THE CONSTRUCTION PERIOD. NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES IN THE LOCATION EXISTING UTILITIES FROM THAT SHOWN IN THE DRAWINGS, BEFORE PROCEEDING WITH THE WORK.

TABLE OF CONTENTS

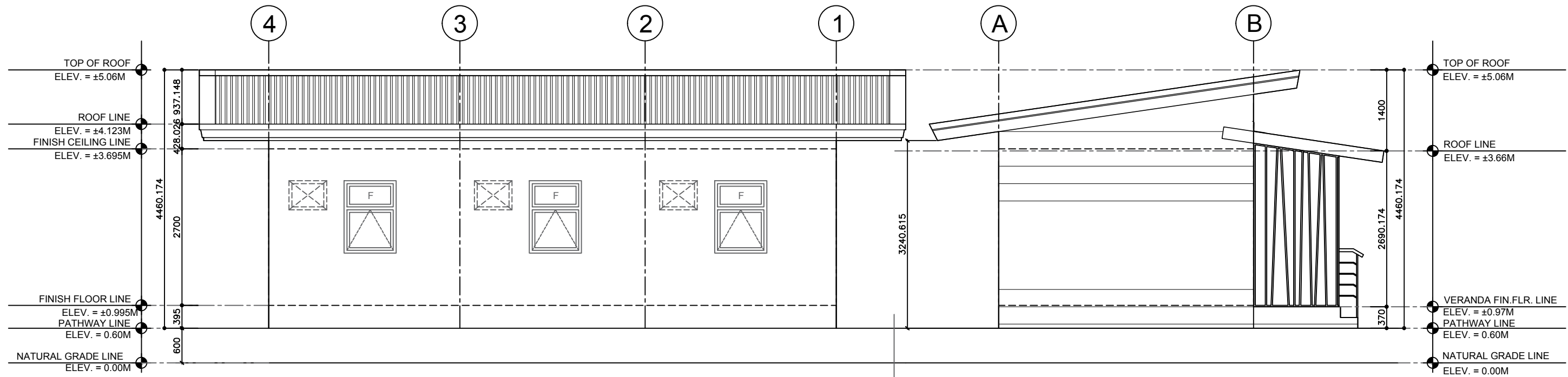
SHEET NO.	ARCHITECTURAL
A-100	PERSPECTIVE
	VICINITY MAP
	SITE DEVELOPMENT PLAN
	GENERAL NOTES / TABLE OF CONTENTS
A-200	FLOOR PLAN
	ROOF PLAN
A-201	REFLECTED CEILING PLAN
A-300	FRONT & LEFT ELEVATION
	REAR & RIGHT ELEVATION
A-400	CROSS SECTION ELEVATION
	LONGITUDINAL SECTION ELEVATION
A-500	DOOR & WINDOW SCHEDULE
SHEET NO.	STRUCTURAL
S-100	CONSTRUCTION DETAILS & NOTE
S-200	FOUNDATION PLAN
S-201	FOOTING DETAILS & SCHEDULE
S-300	ROOF FRAMING PLAN 1
S-301	CANOPY FRAMING PLAN 2
S-302	ROOF SECTION ELEVATION DETAILS
A-303	BEAM DETAILS
SHEET NO.	ELECTRICAL
E-100	GENERAL NOTES
	LEGEND SYMBOLS
	LOAD SCHEDULE & COMPUTATION
	SINGLE LINE DIAGRAM
	SERVICE ENTRANCE DETAIL
E-200	LIGHTING LAYOUT
E-300	POWER LAYOUT
SHEET NO.	PLUMBING
P-100	GENERAL NOTES / MATERIAL SPECS
	LEGEND SYMBOLS
	PLUMBING DETAILS
P-200	PLUMBING LAYOUT (WATERLINE, STORM DRAIN LINE & SANITARY LINE)
P-300	PLUMBING DETAILS
P-400	SEPTIC TANK DETAIL
P-500	DRAIN FIELD DETAIL



1 PROPOSED GROUND FLOOR PLAN
 A-200 SCALE: 1:60 MTS

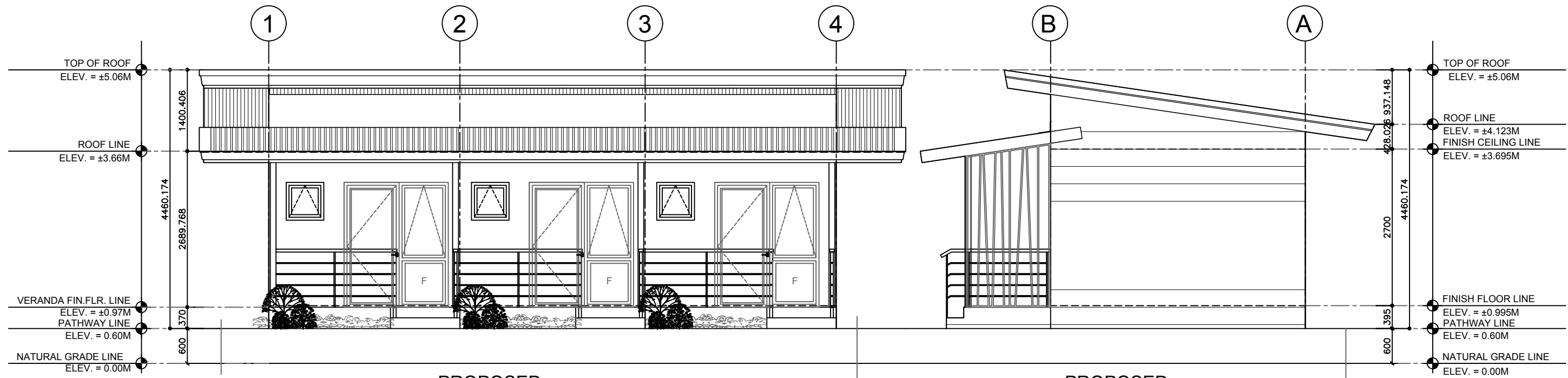


2 PROPOSED ROOF PLAN
 A-200 SCALE: 1:60 MTS



1 PROPOSED REAR ELEVATION
A-300 SCALE: 1:70 MTS

2 PROPOSED LEFT ELEVATION
A-300 SCALE: 1:70 MTS



3 PROPOSED FRONT ELEVATION
A-300 SCALE: 1:70 MTS

4 PROPOSED RIGHT ELEVATION
A-300 SCALE: 1:70 MTS



PREPARED BY:
ENGR. CRESSYL ANN E. BANTAYA
TECHNICAL FACILITATOR

CHECKED BY:
ENGR. FRANCIS C. ESTOMATA
PDO III

RA 9266 SECTION 33
Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.

REVIEWED AND VERIFIED BY:
ENGR. ROLLY A. TEOFILO
PDO IV FOR INFRA

PROJECT TITLE:
CONSTRUCTION OF 2-UNITS ISOLATION BUILDING (11-ROOMS)

LOCATION:
RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO

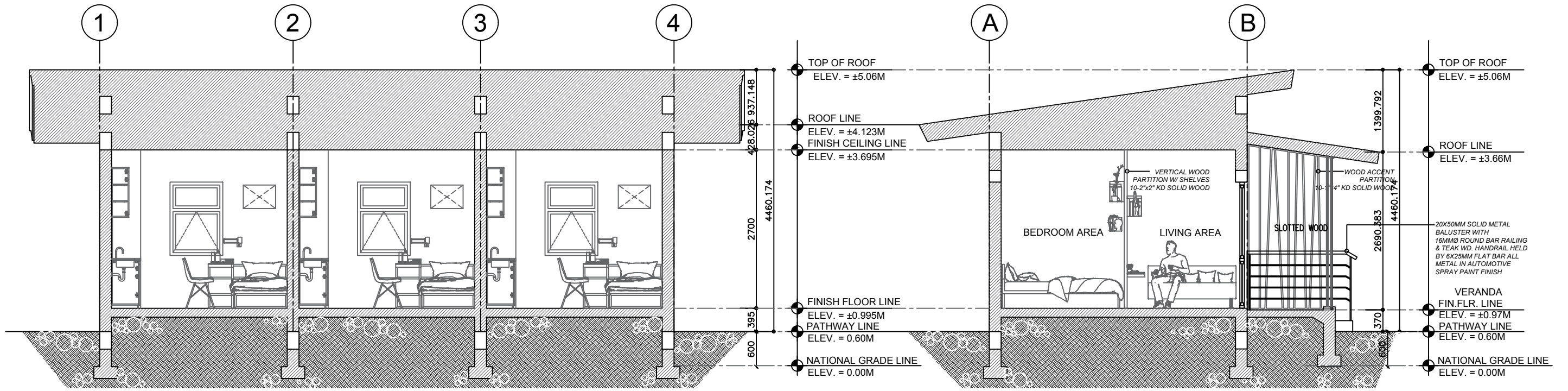
APPROVED BY:
CEZARIO JOEL C. ESPEJO
REGIONAL DIRECTOR
DSWD - FIELD OFFICE XII

SHEET CONTENT
ELEVATION

MARK	DATE

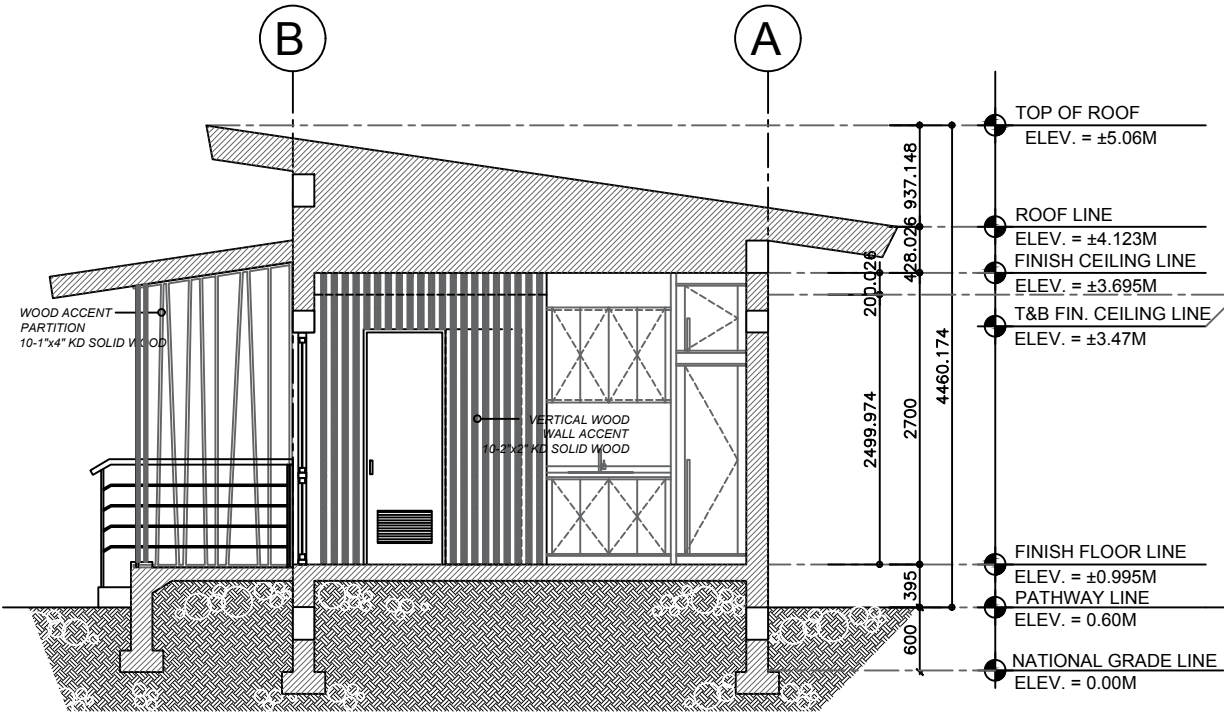
PROJECT NO.
DRAWN BY : CEB
DESIGNED BY :
DATE : --
CHECKED BY : FCE

SHEET NO.
A-300
SCALE: A3 AS SHOWN
A1

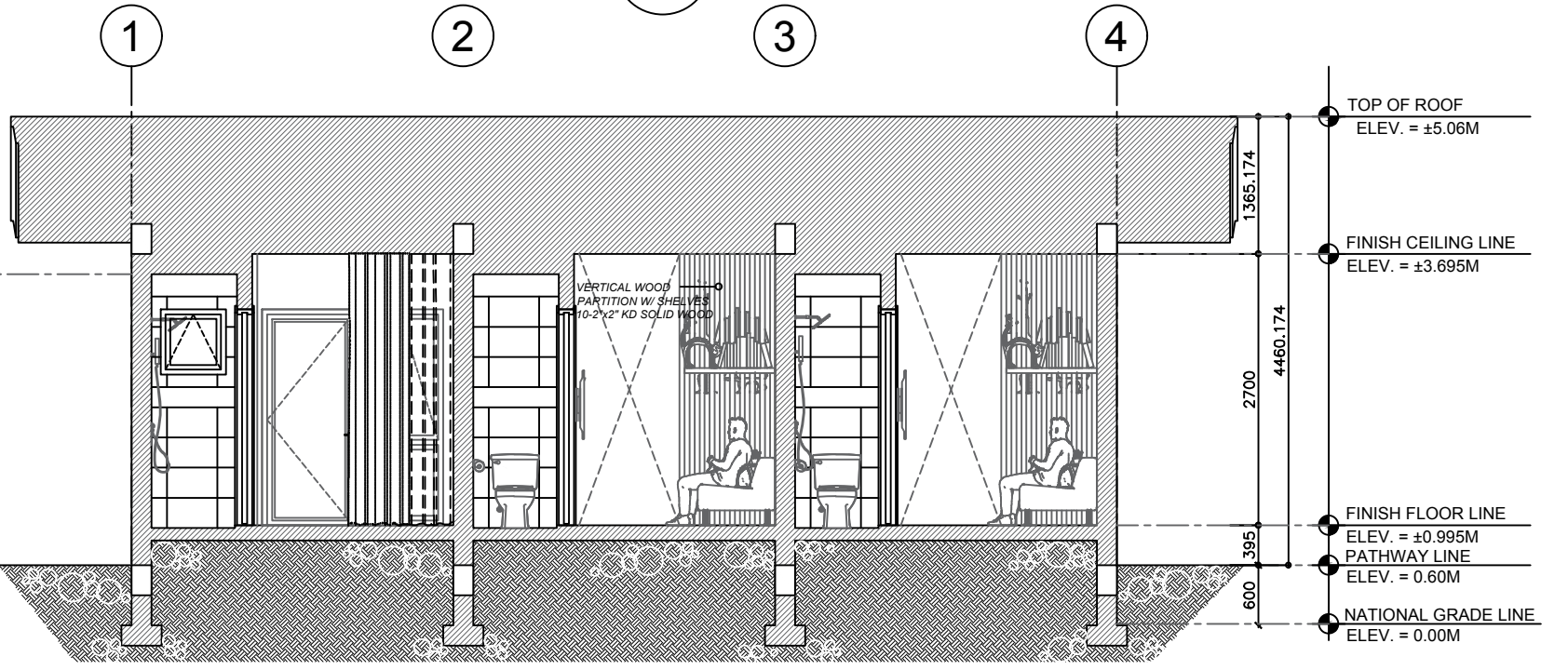


1 PROPOSED LONGITUDINAL SECTION 1
A-400 SCALE: 1:70 MTS

2 PROPOSED CROSS SECTION 2
A-400 SCALE: 1:70 MTS



3 PROPOSED CROSS SECTION 3
A-400 SCALE: 1:70 MTS

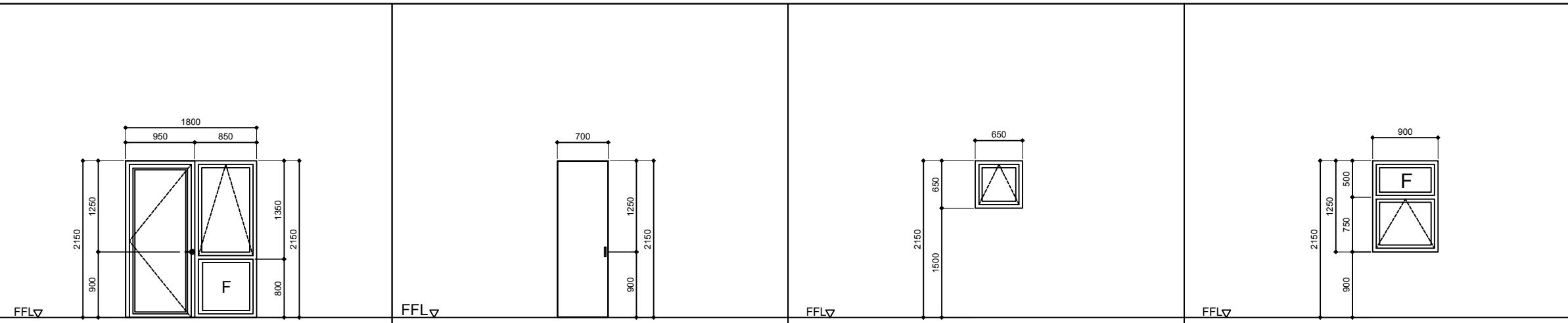


4 PROPOSED LONGITUDINAL SECTION 4
A-400 SCALE: 1:70 MTS

D O O R & W I N D O W E L E V A T I O N S

GENERAL NOTES

1. VERIFY ACTUAL CONDITION AND QUANTITY PRIOR TO FABRICATION OF ALL WINDOWS.
2. REFER TO FLOOR PLANS FOR WINDOW MARKS.
3. CORRELATE WITH SPECIFICATIONS REGARDING MATERIALS AND HARDWARES.
4. MEASURE WINDOW WIDTH AND HEIGHT FROM THE ROOM INTERIOR.
5. ALL ALUMINUM WINDOWS IN CONTACT WITH CONCRETE, SHALL BE PROVIDED WITH RUBBER VINYL STRIPPING.
6. SUBMIT SHOP DRAWINGS, FABRICATIONS ASSEMBLY AND INSTALLATION DRAWINGS TO BE APPROVED BY THE ARCHITECT.
7. APPLY SILICON WATER SEALANT FOR ALL EXPOSED WINDOWS.
8. PROVIDE COMPLETE WEATHER STRIPPING FOR ALL DOORS.
9. ALL ALUMINUM SECTIONS OF WINDOWS SHALL BE OF APPROVED ALUMINUM SECTIONS.
10. SUBMIT SAMPLE FABRICATION (MOCK-UP) OF DOORS & WINDOWS, FOR ARCHITECT'S APPROVAL.



TAG	DESCRIPTION	SINGLE SWING DOOR WITH ALUMINUM FRAME FIXED WINDOW & AWNING WINDOWS	TAG	DESCRIPTION	PVC DOOR	TAG	DESCRIPTION	AWNING WINDOW	TAG	DESCRIPTION	AWNING & FIXED WINDOW
	SPECIFICATION	TYPE 1 & 3		SPECIFICATION	TYPE 4		SPECIFICATION	TYPE 2		SPECIFICATION	TYPE 1
	NUMBER OF SETS	1		NUMBER OF SETS	1		NUMBER OF SETS	2		NUMBER OF SETS	1
	LOCATION	GF-LIVING AREA		LOCATION	T & B		LOCATION	GF-GUEST ROOM T & B		LOCATION	GF-MAIN KITCHEN AREA

WINDOW SPECS

- 1-AWNING & FIXED WINDOW**
- USE 10MM THK. CLEAR TEMPERED GLASS ON 50MM X 100MM ALUMINUM JAMB & HEADERS ON AWNING WINDOWS, 50MM X 100MM ALUMINUM PERIMETER FRAME & 50MM X 100MM ALUMINUM BASE FRAME IN POWDERCOAT FINISH. COLOR BY ARCHITECT. COMPLETE HARDWARES BY MANUFACTURER.
- 2-AWNING WINDOW**
- USE 10MM THK. CLEAR TEMPERED GLASS ON 50MM X 100MM ALUMINUM JAMB & HEADERS ON AWNING WINDOWS, IN POWDERCOAT FINISH. COLOR BY ARCHITECT. COMPLETE HARDWARES BY MANUFACTURER.

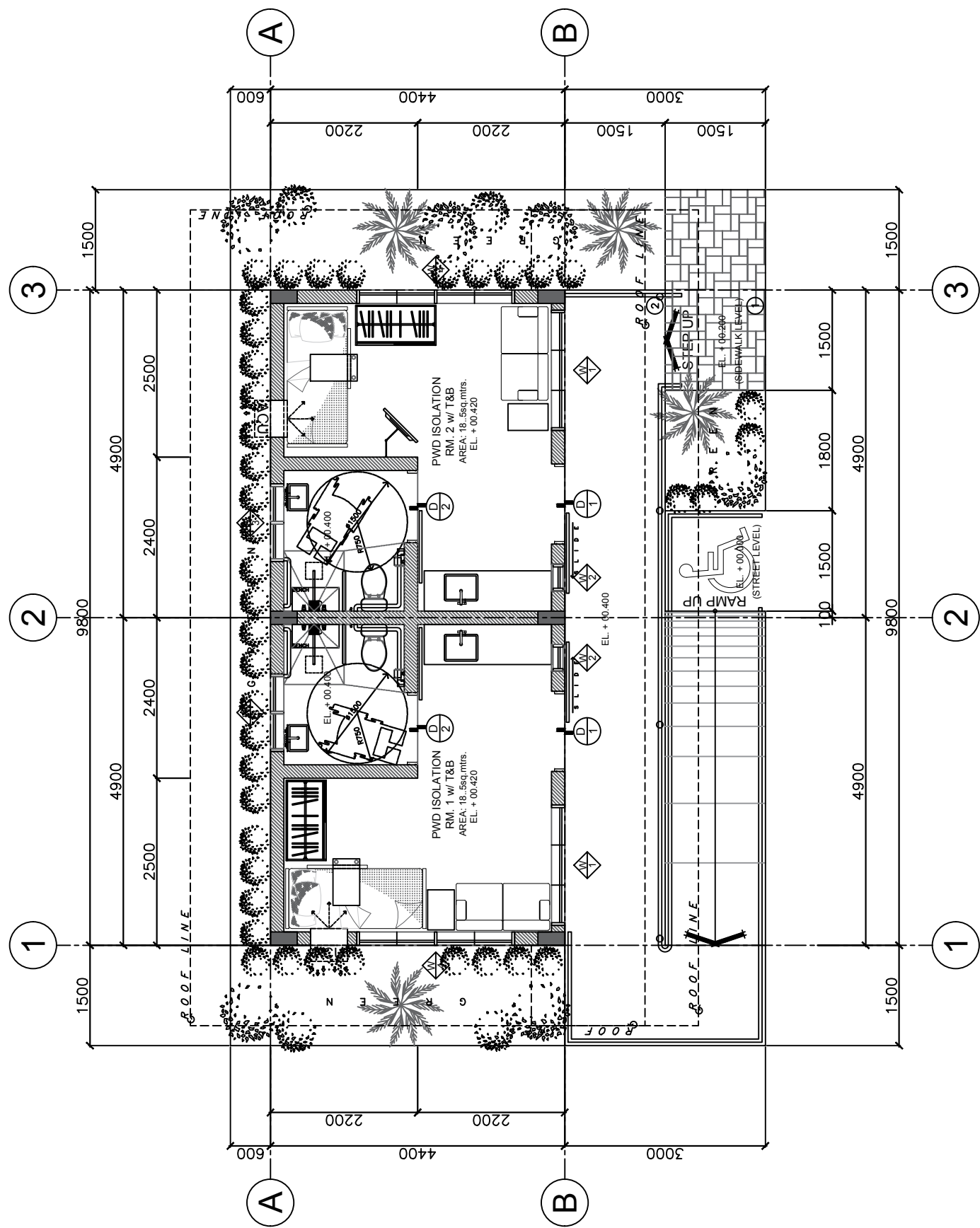
DOORS SPECS

- 3-SINGLE SWING PANEL DOOR**
- USE SOLID WOOD PANEL DOOR OR EQUIVALENT, WITH TANGUILE WOOD FRAMES, JAMB SHALL BE FROM 2"x6" K.D. TANGUILE WOOD. ALL SURFACES SHALL BE IN DUCO PAINT FINISH.
- USE SUNKEN FLAT HEAD SCREWS FOR ATTACHMENT. USE 4 PCS. BA2F 4 X 4 X 3mm 2BALL BEARING STAINLESS STEEL HINGES, 1 SET DL6 STUTTGART CYLINDRICAL LEVERSET PRIVACY FUNCTION ANSI GRADE 1 AND 1 SET TS90 CAM ACTION PARALLEL ARM DOOR CLOSER BY DORMA OR EQUIVALENT.
- 4-SLIDING DOOR (SOLID WOOD PANEL)**
- USE SOLID WOOD PANEL DOOR OR EQUIVALENT, WITH TANGUILE WOOD FRAMES, JAMB SHALL BE FROM 2"x6" K.D. TANGUILE WOOD. ALL SURFACES SHALL BE IN DUCO PAINT FINISH.
- FOR ACCESORY VERIFY SUPPLIER/MANUFACTURER

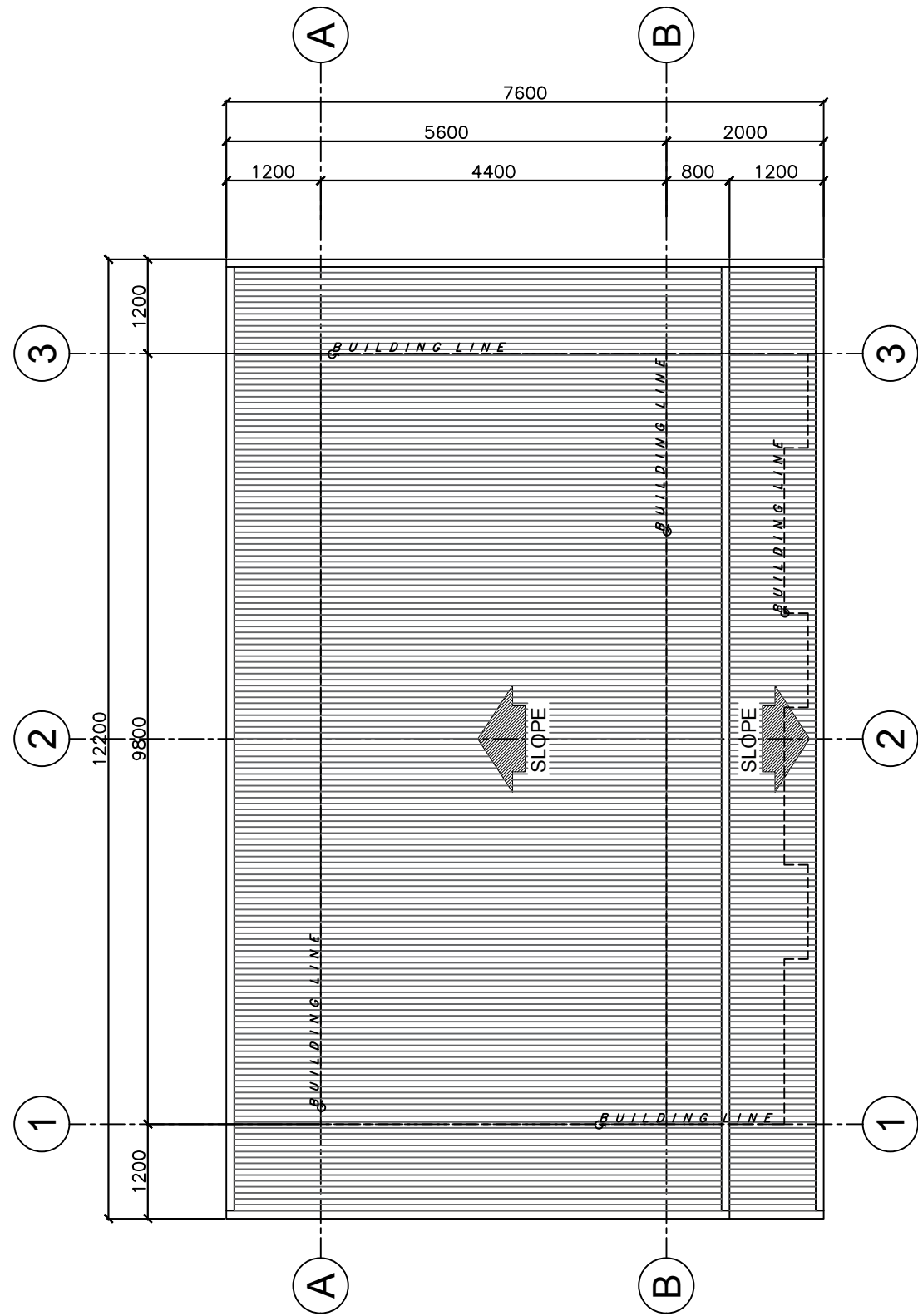
D O O R & W I N D O W S C H E D U L E

TAG	DESCRIPTION	DIMENSION(mm)		NO. OF PANELS	NO. OF SETS	REMARKS
		WIDTH	HEIGHT			
DW-1	SINGLE SWING DOOR WITH ALUMINUM FRAME FIXED WINDOW & AWNING WINDOWS	1800	2150	3	1	COMPLETE HARDWARE & ACCESSORIES, BY SUPPLIER OR MANUFACTURER
D-1	PVC DOOR	700	2150	1	1	HEAVY TRACK, , HEAVY DUTY DOOR HANDLE & LOCK, DOOR STOPPER, VERIFY SUPPLIER
W-1	AWNING WINDOW	650	650	1	1	SS SCREEN & COMPLETE HARDWARE & ACCESSORIES
W-2	AWNING & FIXED WINDOW	1600	1300	2	1	SS SCREEN & COMPLETE HARDWARE & ACCESSORIES

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT PRK. BUMANAAG, BRGY. ZONE III, KORONADAL CITY, SOUTH COTABATO, FO XII</p>	PREPARED BY:	RA 9266 SECTION 33 <small>Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.</small>	REVIEWED AND VERIFIED BY:	PROJECT TITLE:	APPROVED BY:	SHEET CONTENT	REVISIONS	PROJECT NO.	SHEET NO.												
	ENGR. CRESSYL ANN E. BANTAYA <small>TECHNICAL FACILITATOR</small>	 ENGR. ROLLY A. TEOFILO <small>PDO IV FOR INFRA</small>	CONSTRUCTION OF 2-UNITS ISOLATION BUIDLING (11-ROOMS)	 CEZARIO JOEL C. ESPEJO <small>REGIONAL DIRECTOR DSWD - FIELD OFFICE XII</small>	DOOR & WINDOW SCHEDULE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>MARK</th> <th>DATE</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MARK	DATE											DRAWN BY : CEB DESIGNED BY : DATE : -- CHECKED BY : FCE	A-500	SCALE A3 AS SHOWN A1
	MARK		DATE																		
CHECKED BY:	LOCATION:	RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO																			
ENGR. FRANCIS C. ESTOMATA <small>PDO III</small>																					



PROPOSED
1 GROUND FLOOR PLAN
 SCALE: A-200 1:80 MTS




PROPOSED
2 ROOF PLAN
 SCALE: A-200 1:80 MTS




REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT
 PRK. BUMANAAG, BRGY. ZONE III,
 KORONADAL CITY, SOUTH COTABATO, FO XII

PREPARED BY:
 ENGR. CRESSYL ANN E. BANTAYA
 TECHNICAL FACILITATOR
 CHECKED BY:
 ENGR. FRANCIS C. ESTOMATA
 PDO III

RA 9266 SECTION 33
 Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.

REVIEWED AND VERIFIED BY:

 ENGR. ROLLY A. TEOFILO
 PDO IV FOR INFRA

PROJECT TITLE:
 CONSTRUCTION OF 2-UNITS
 ISOLATION BUILDING
 (11-ROOMS)
 LOCATION:
 RRCY, BRGY. BUKAY PAI, TANTANGAN,
 SOUTH COTABATO

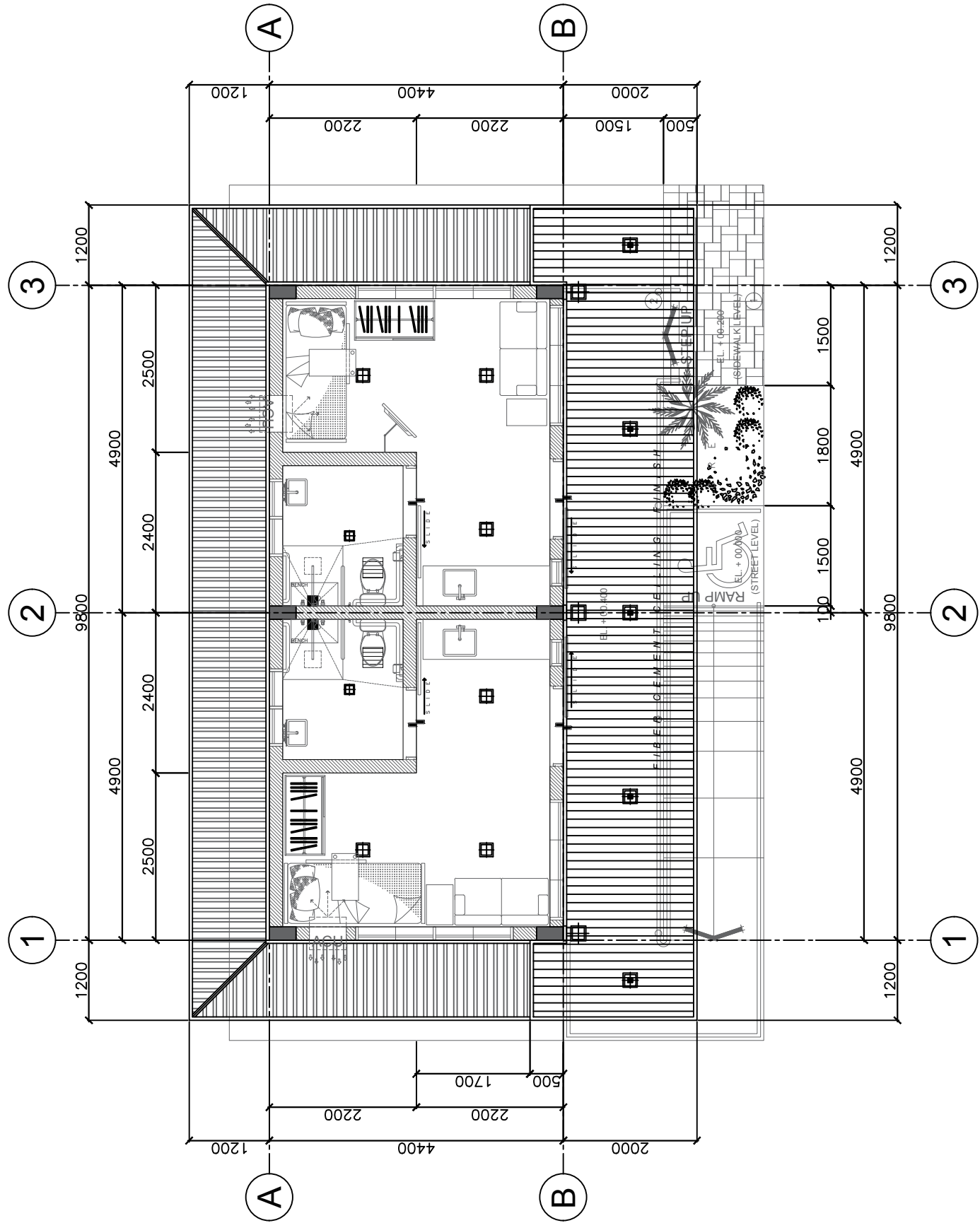
APPROVED BY:

 CEZARIO JOEL C. ESPEJO
 REGIONAL DIRECTOR
 DSWD - FIELD OFFICE XII

SHEET CONTENT
 GROUND FLOOR PLAN
 ROOF PLAN

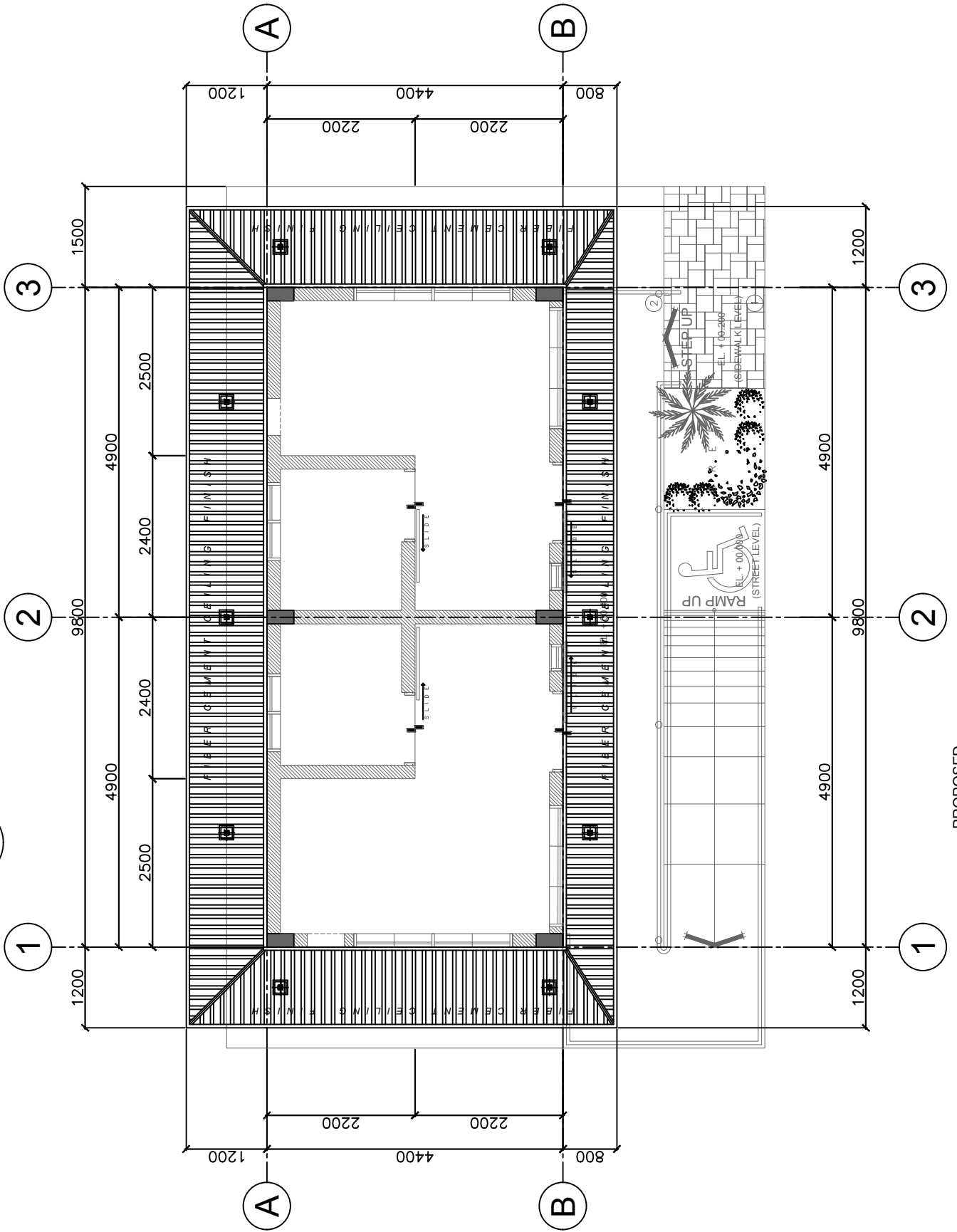
REVISIONS	
MARK	DATE

PROJECT NO.
 DRAWN BY : CEB
 DESIGNED BY :
 DATE : --
 CHECKED BY : FCE

SHEET NO.
A-200
 SCALE: A3 AS SHOWN
 A1



PROPOSED
1 REFLECTED CEILING PLAN 1
 1:80 MTS
 SCALE: A-200




PROPOSED
2 REFLECTED CEILING PLAN 2
 1:80 MTS
 SCALE: A-200




REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT
 PRK. BUMANAAG, BRGY. ZONE III,
 KORONADAL CITY, SOUTH COTABATO, FO XII

PREPARED BY:
 ENGR. CRESSYL ANN E. BANTAYA
 TECHNICAL FACILITATOR
 CHECKED BY:
 ENGR. FRANCIS C. ESTOMATA
 PDO III

RA 9266 SECTION 33
 Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.

REVIEWED AND VERIFIED BY:

 ENGR. ROLLY A. TEOFILO
 PDO IV FOR INFRA

PROJECT TITLE:
 CONSTRUCTION OF 2-UNITS
 ISOLATION BUILDING
 (11-ROOMS)
 LOCATION:
 RRCY, BRGY. BUKAY PAIT, TANTANGAN,
 SOUTH COTABATO

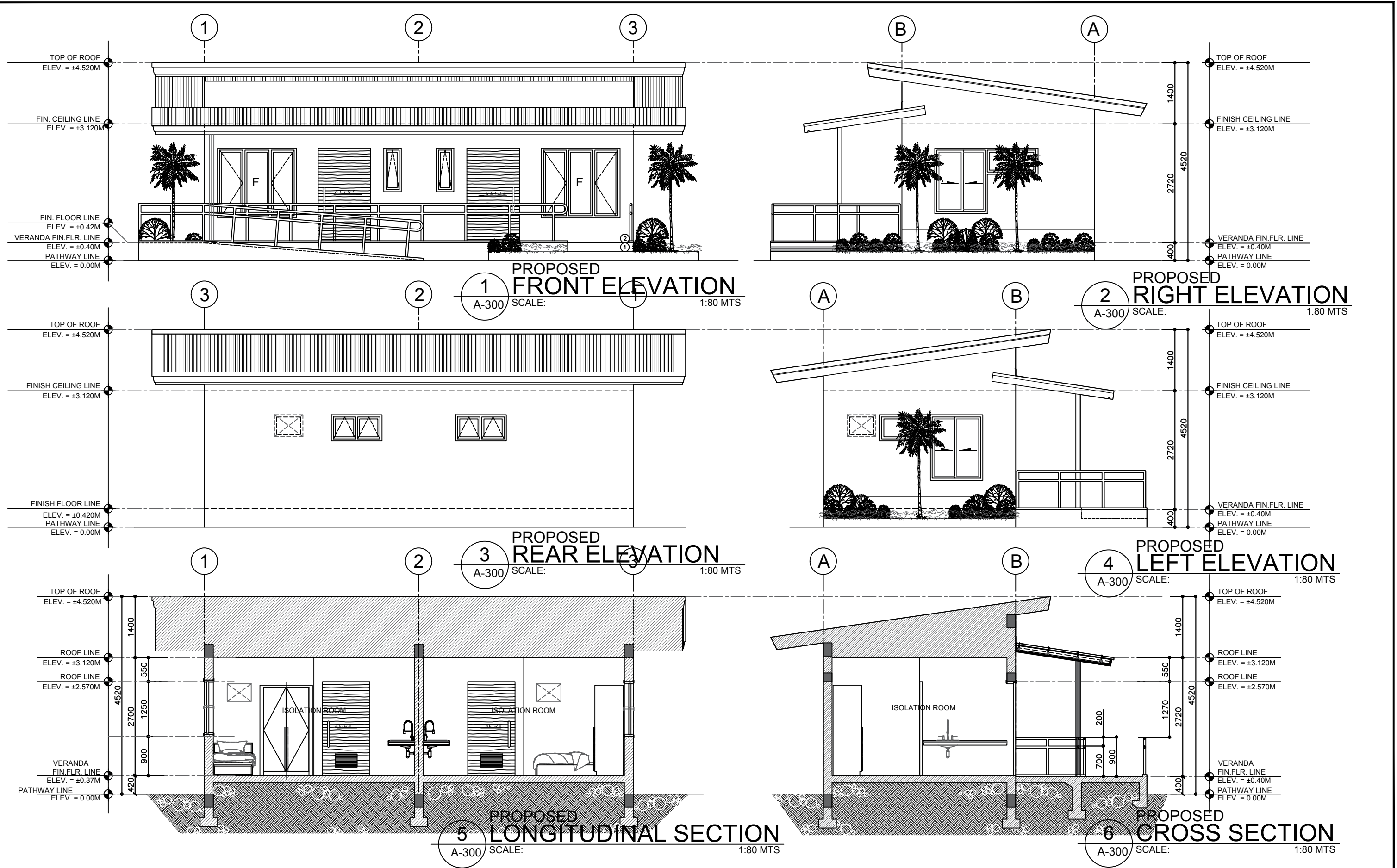
APPROVED BY:

 CEZARIO JOEL C. ESPEJO
 REGIONAL DIRECTOR
 DSWD - FIELD OFFICE XII

SHEET CONTENT
 REFLECTED CEILING
 PLAN

REVISIONS	
MARK	DATE

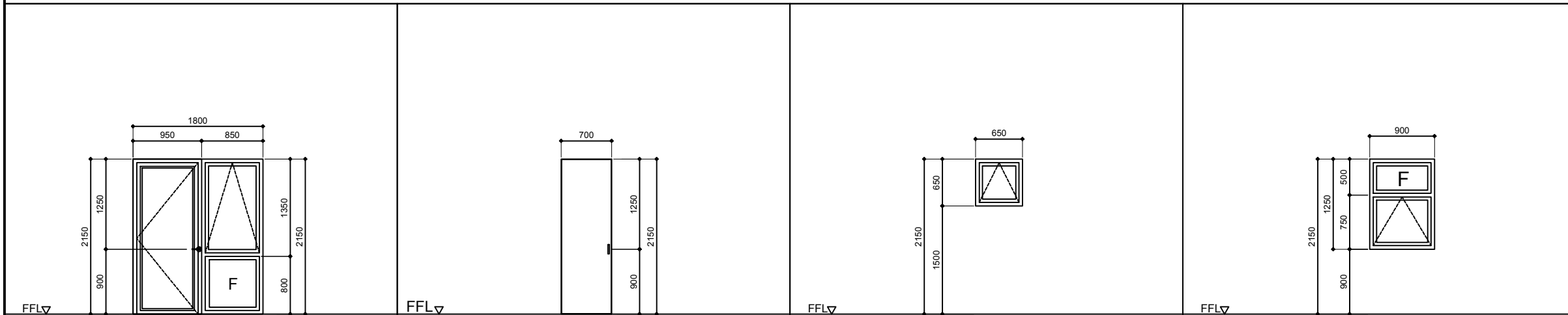
PROJECT NO.
 DRAWN BY : CEB
 DESIGNED BY :
 DATE : --
 CHECKED BY : FCE

SHEET NO.
A-201
 SCALE: A3 AS SHOWN
 A1



D O O R & W I N D O W E L E V A T I O N S

GENERAL NOTES



1. VERIFY ACTUAL CONDITION AND QUANTITY PRIOR TO FABRICATION OF ALL WINDOWS.
2. REFER TO FLOOR PLANS FOR WINDOW MARKS.
3. CORRELATE WITH SPECIFICATIONS REGARDING MATERIALS AND HARDWARES.
4. MEASURE WINDOW WIDTH AND HEIGHT FROM THE ROOM INTERIOR.
5. ALL ALUMINUM WINDOWS IN CONTACT WITH CONCRETE, SHALL BE PROVIDED WITH RUBBER VINYL STRIPPING.
6. SUBMIT SHOP DRAWINGS, FABRICATIONS ASSEMBLY AND INSTALLATION DRAWINGS TO BE APPROVED BY THE ARCHITECT.
7. APPLY SILICON WATER SEALANT FOR ALL EXPOSED WINDOWS.
8. PROVIDE COMPLETE WEATHER STRIPPING FOR ALL DOORS.
9. ALL ALUMINUM SECTIONS OF WINDOWS SHALL BE OF APPROVED ALUMINUM SECTIONS.
10. SUBMIT SAMPLE FABRICATION (MOCK-UP) OF DOORS & WINDOWS, FOR ARCHITECT'S APPROVAL.

TAG	DESCRIPTION	SINGLE SWING DOOR WITH ALUMINUM FRAME FIXED WINDOW & AWNING WINDOWS	TAG	DESCRIPTION	PVC	TAG	DESCRIPTION	AWNING WINDOW	TAG	DESCRIPTION	AWNING & FIXED WINDOW
	SPECIFICATION	TYPE 1 & 3		SPECIFICATION	TYPE 4		SPECIFICATION	TYPE 2		SPECIFICATION	TYPE 1
	NUMBER OF SETS	1		NUMBER OF SETS	1		NUMBER OF SETS	2		NUMBER OF SETS	1
	LOCATION	GF-LIVING AREA		LOCATION	T & B		LOCATION	GF-GUEST ROOM T & B		LOCATION	GF-MAIN KITCHEN AREA

WINDOW SPECS

- 1-AWNING & FIXED WINDOW**
- USE 10MM THK. CLEAR TEMPERED GLASS ON 50MM X 100MM ALUMINUM JAMB & HEADERS ON AWNING WINDOWS, 50MM X 100MM ALUMINUM PERIMETER FRAME & 50MM X 100MM ALUMINUM BASE FRAME IN POWDERCOAT FINISH. COLOR BY ARCHITECT. COMPLETE HARDWARES BY MANUFACTURER.
- 2-AWNING WINDOW**
- USE 10MM THK. CLEAR TEMPERED GLASS ON 50MM X 100MM ALUMINUM JAMB & HEADERS ON AWNING WINDOWS, IN POWDERCOAT FINISH. COLOR BY ARCHITECT. COMPLETE HARDWARES BY MANUFACTURER.

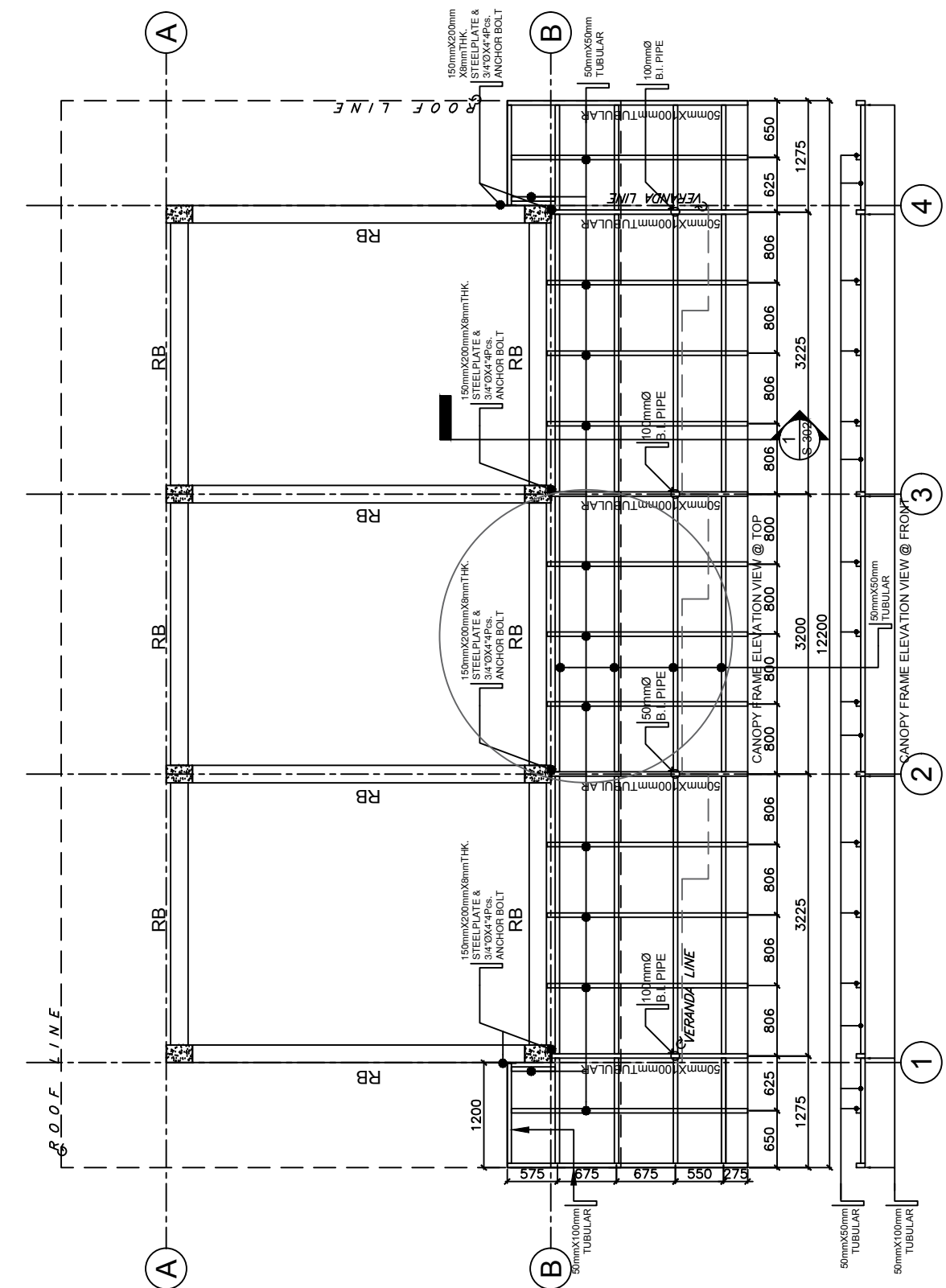
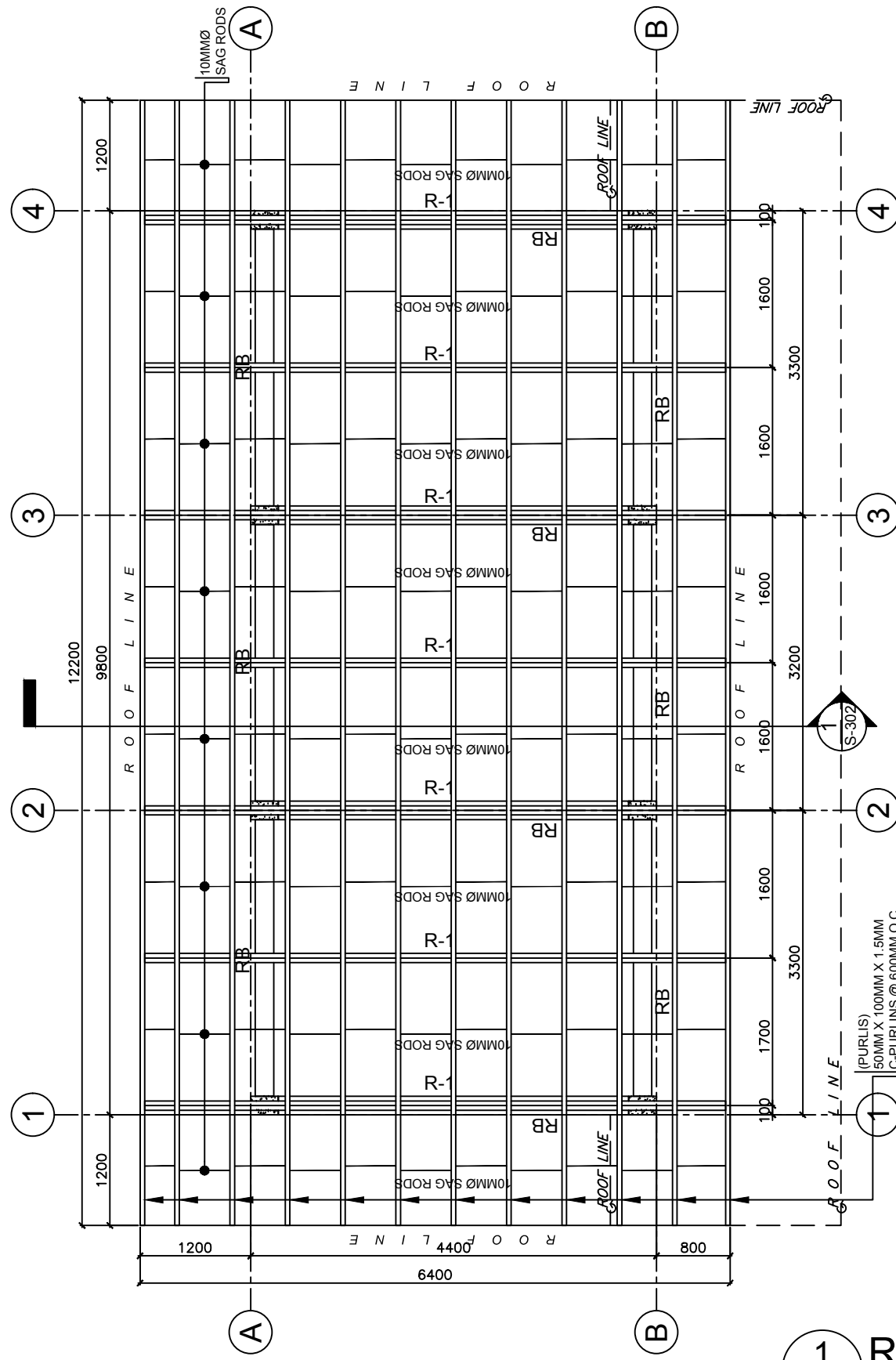
D O O R & W I N D O W S C H E D U L E

TAG	DESCRIPTION	DIMENSION(mm)		NO. OF PANELS	NO. OF SETS	REMARKS
		WIDTH	HEIGHT			
DW-1	SINGLE SWING DOOR WITH ALUMINUM FRAME FIXED WINDOW & AWNING WINDOWS	1800	2150	3	1	COMPLETE HARDWARE & ACCESSORIES, BY SUPPLIER OR MANUFACTURER
D-1	PVC DOOR	700	2150	1	1	HEAVY TRACK, , HEAVY DUTY DOOR HANDLE & LOCK, DOOR STOPPER, VERIFY SUPPLIER
W-1	AWNING WINDOW	650	650	1	1	SS SCREEN & COMPLETE HARDWARE & ACCESSORIES
W-2	AWNING & FIXED WINDOW	1600	1300	2	1	SS SCREEN & COMPLETE HARDWARE & ACCESSORIES

DOORS SPECS

- 3-SINGLE SWING PANEL DOOR**
- USE SOLID WOOD PANEL DOOR OR EQUIVALENT, WITH TANGUILE WOOD FRAMES, JAMB SHALL BE FROM 2"x6" K.D. TANGUILE WOOD. ALL SURFACES SHALL BE IN DUCO PAINT FINISH.
- 4-SLIDING DOOR (SOLID WOOD PANEL)**
- USE SOLID WOOD PANEL DOOR OR EQUIVALENT, WITH TANGUILE WOOD FRAMES, JAMB SHALL BE FROM 2"x6" K.D. TANGUILE WOOD. ALL SURFACES SHALL BE IN DUCO PAINT FINISH.
- FOR ACCESORY VERIFY SUPPLIER/MANUFACTURER

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT PRK. BUMANAAG, BRGY. ZONE III, KORONADAL CITY, SOUTH COTABATO, FO XII</p>	PREPARED BY:	RA 9266 SECTION 33 <small>Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.</small>	REVIEWED AND VERIFIED BY:	PROJECT TITLE:	APPROVED BY:	SHEET CONTENT	REVISIONS	PROJECT NO.	SHEET NO.											
	ENGR. CRESSYL ANN E. BANTAYA <small>TECHNICAL FACILITATOR</small>	 ENGR. ROLLY A. TEOFILO <small>PDO IV FOR INFRA</small>	CONSTRUCTION OF 2-UNITS ISOLATION BUIDLING (11-ROOMS)	 CEZARIO JOEL C. ESPEJO <small>REGIONAL DIRECTOR DSWD - FIELD OFFICE XII</small>	DOOR & WINDOW SCHEDULE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>MARK</th> <th>DATE</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MARK	DATE											DRAWN BY : CEB DESIGNED BY : DATE : -- CHECKED BY : FCE	A-500 SCALE <small>A3 AS SHOWN</small> A1
	MARK		DATE																	
CHECKED BY:	LOCATION:																			
ENGR. FRANCIS C. ESTOMATA <small>PDO III</small>	RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO																			



1 ROOF FRAMING PLAN
S-100 SCALE: NTS

PREPARED BY:	RA 9266 SECTION 33
ENGR. CRESSYL ANN E. BANTAYA TECHNICAL FACILITATOR	Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.
CHECKED BY:	
ENGR. FRANCIS C. ESTOMATA PDO III	

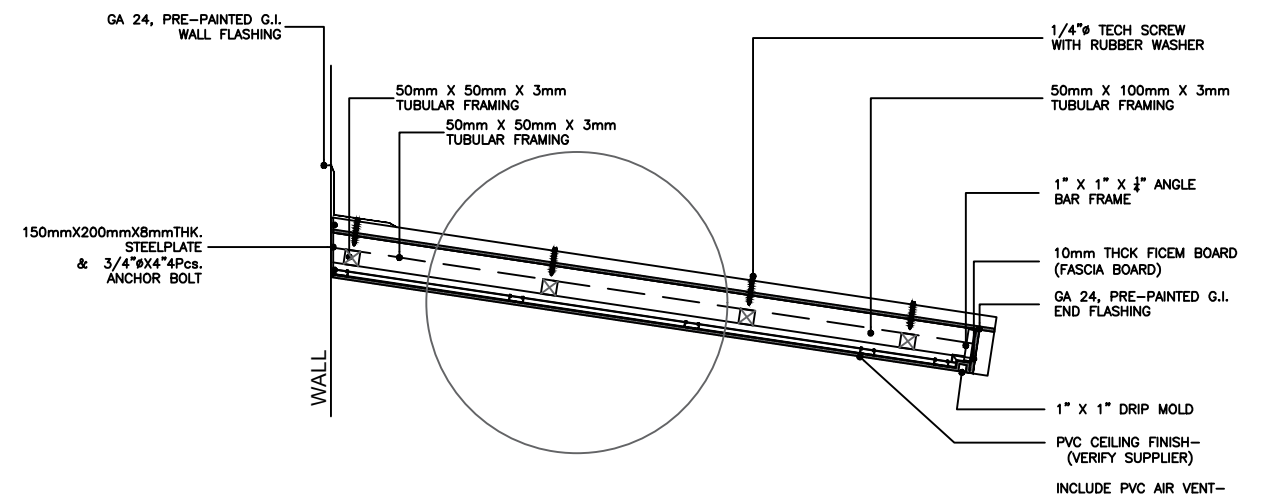
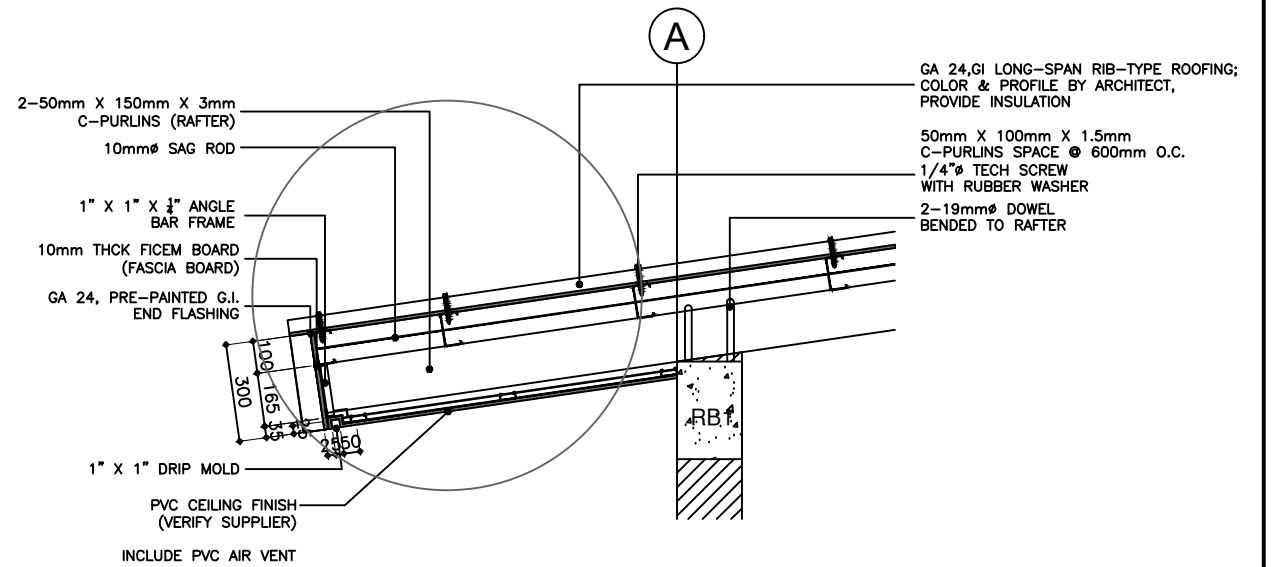
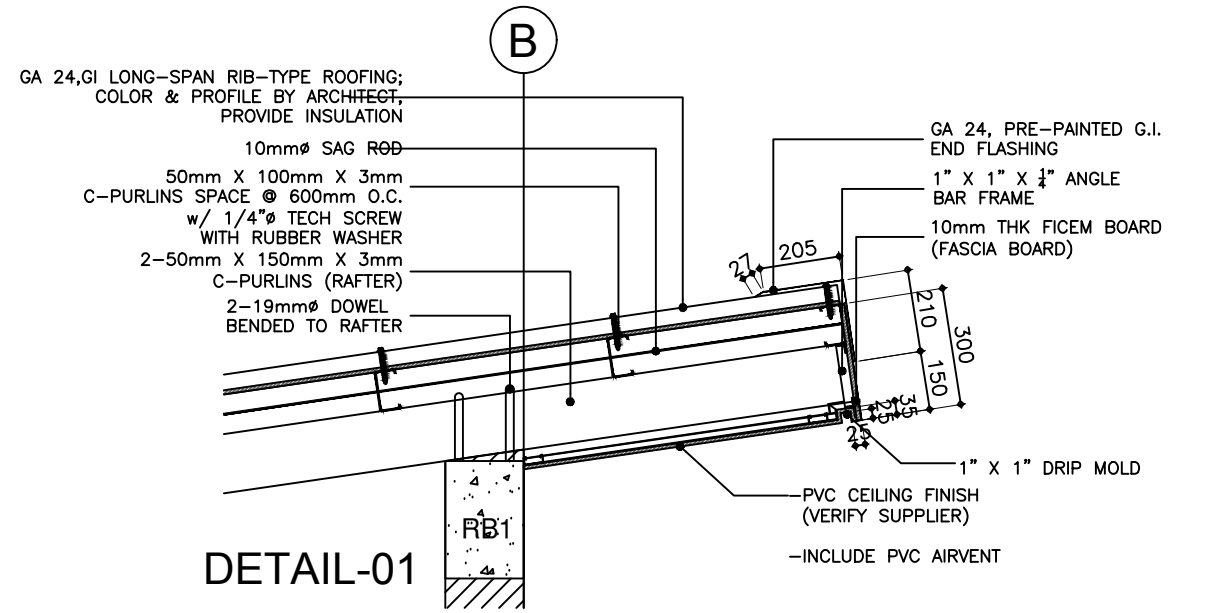
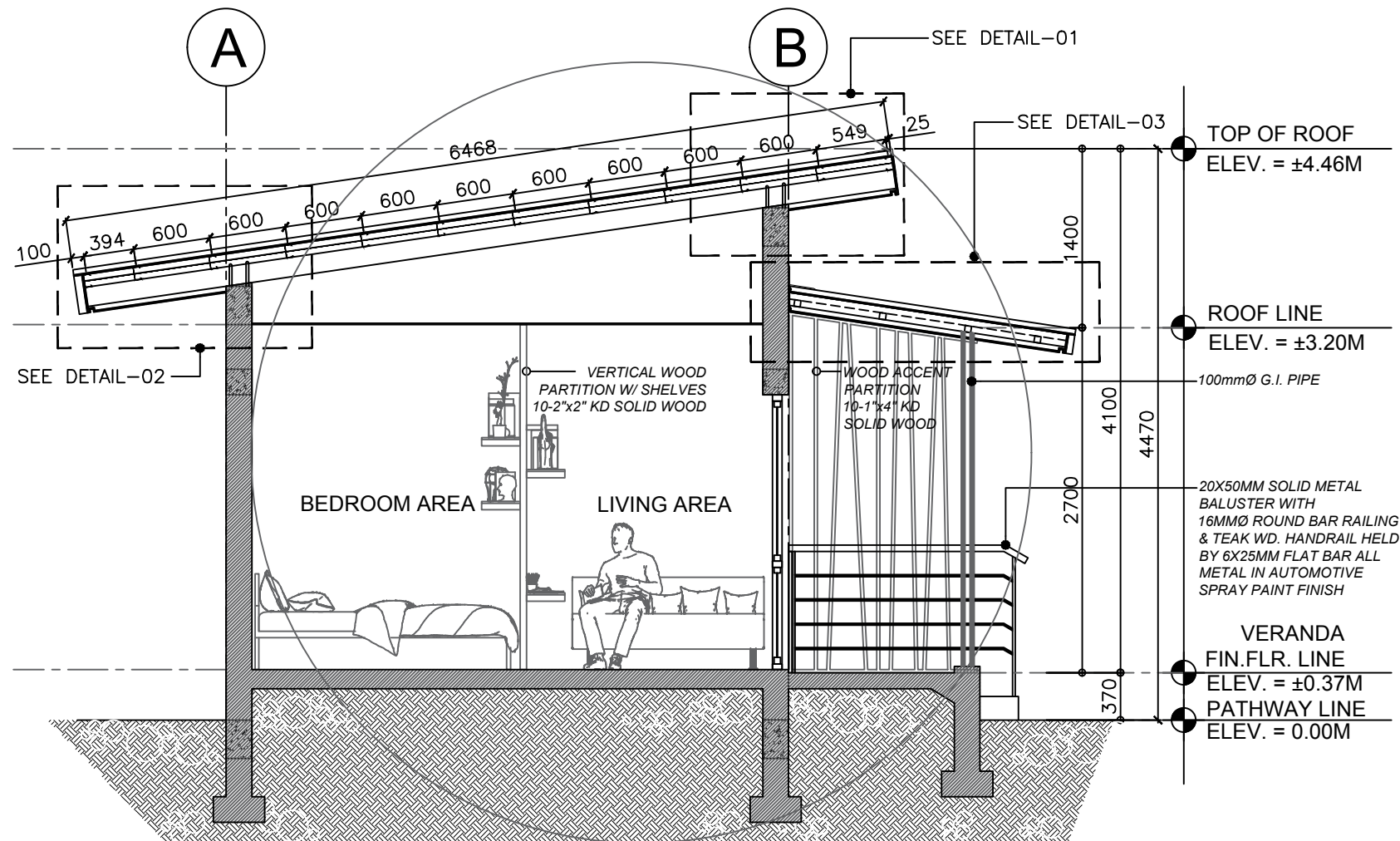
REVIEWED AND VERIFIED BY:	PROJECT TITLE:
ENGR. ROLLY A. TEOFILO PDO IV FOR INFRA	CONSTRUCTION OF 2-UNITS ISOLATION BUILDING (11-ROOMS)
	LOCATION:
	RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO

APPROVED BY:
CEZARIO JOEL C. ESPEJO REGIONAL DIRECTOR DSWD - FIELD OFFICE XII

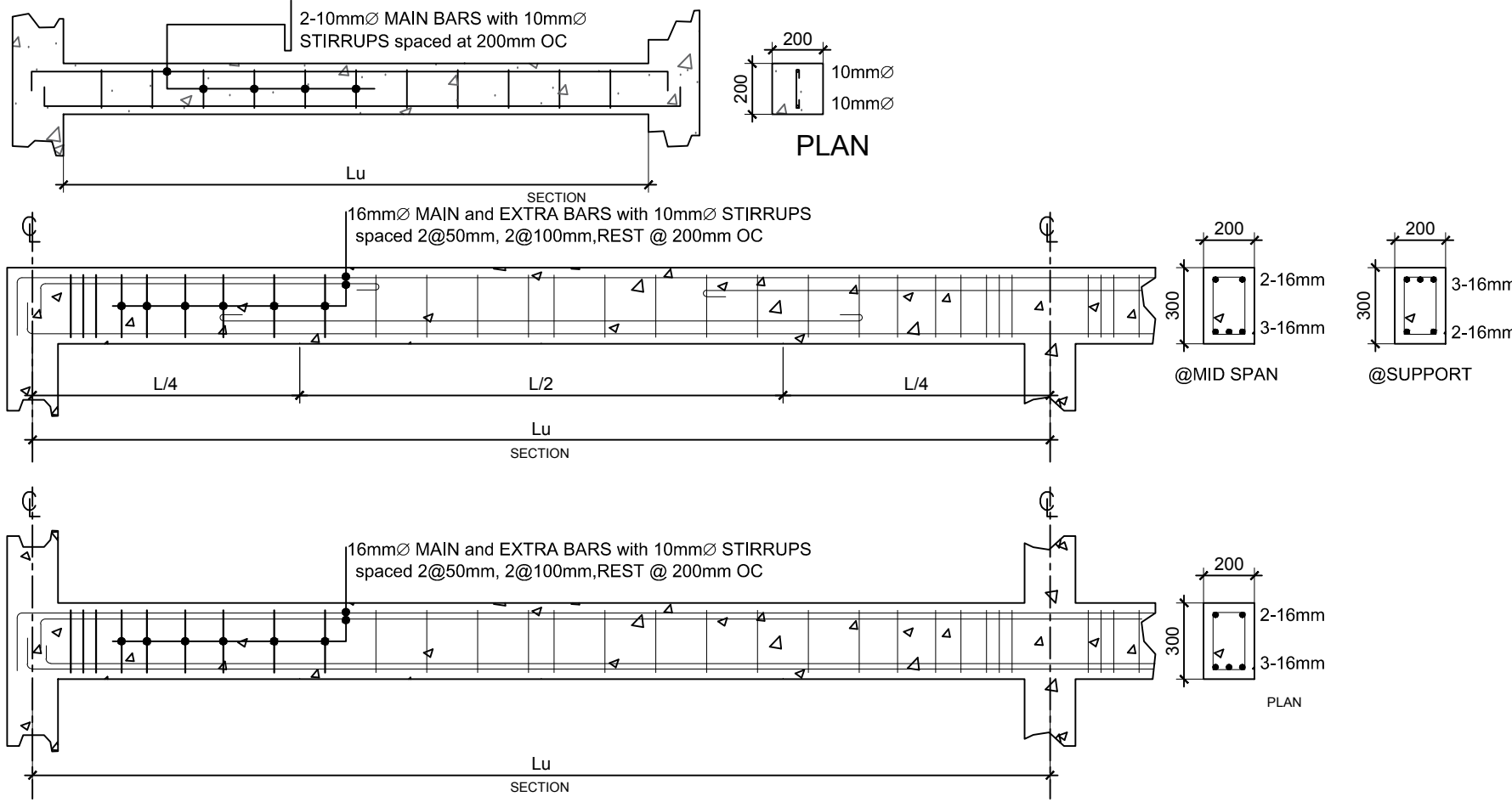
SHEET CONTENT
ROOF FRAMING

REVISIONS	
MARK	DATE

PROJECT NO.	
DRAWN BY :	CEB
DESIGNED BY :	
DATE :	--
CHECKED BY :	FCE



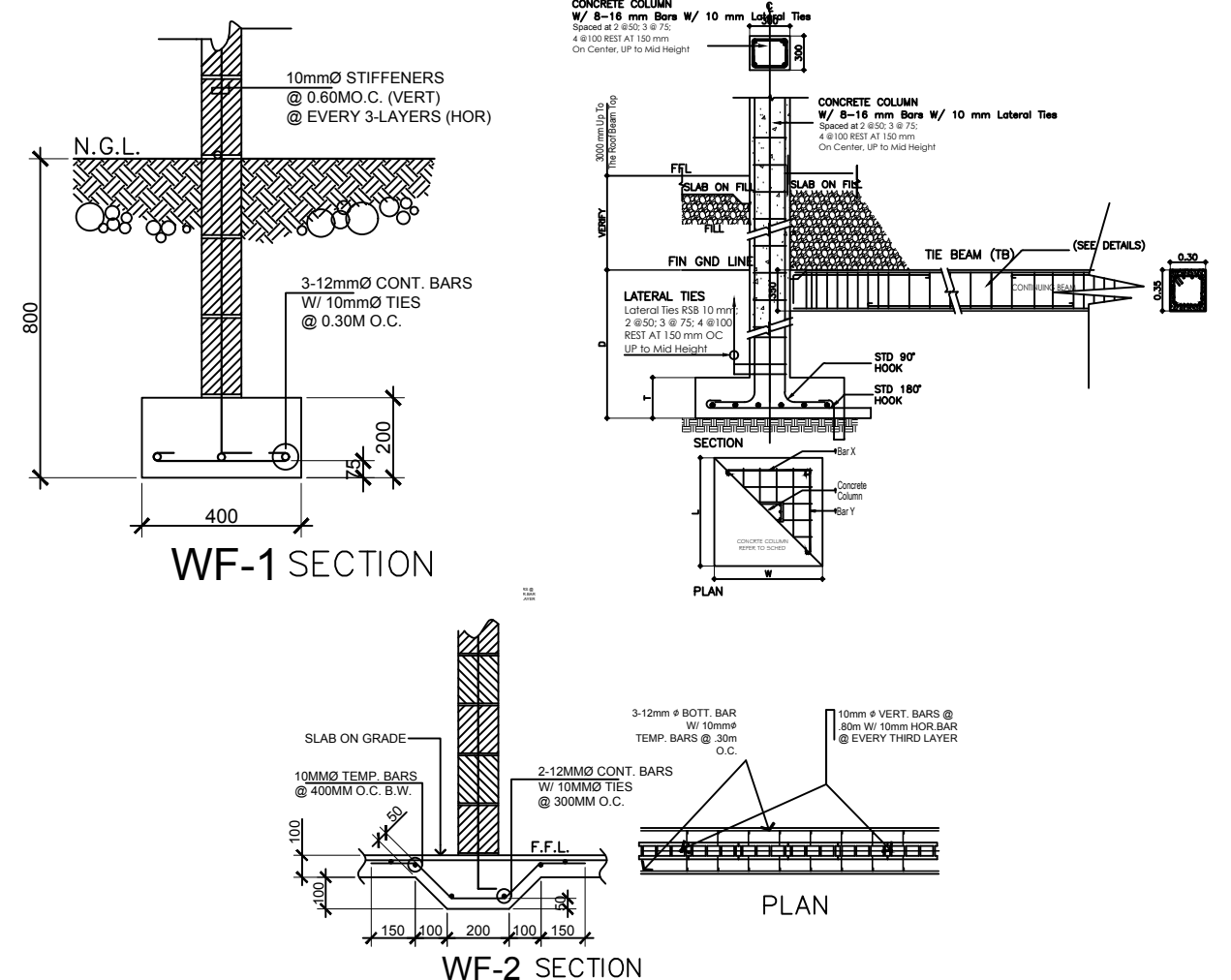
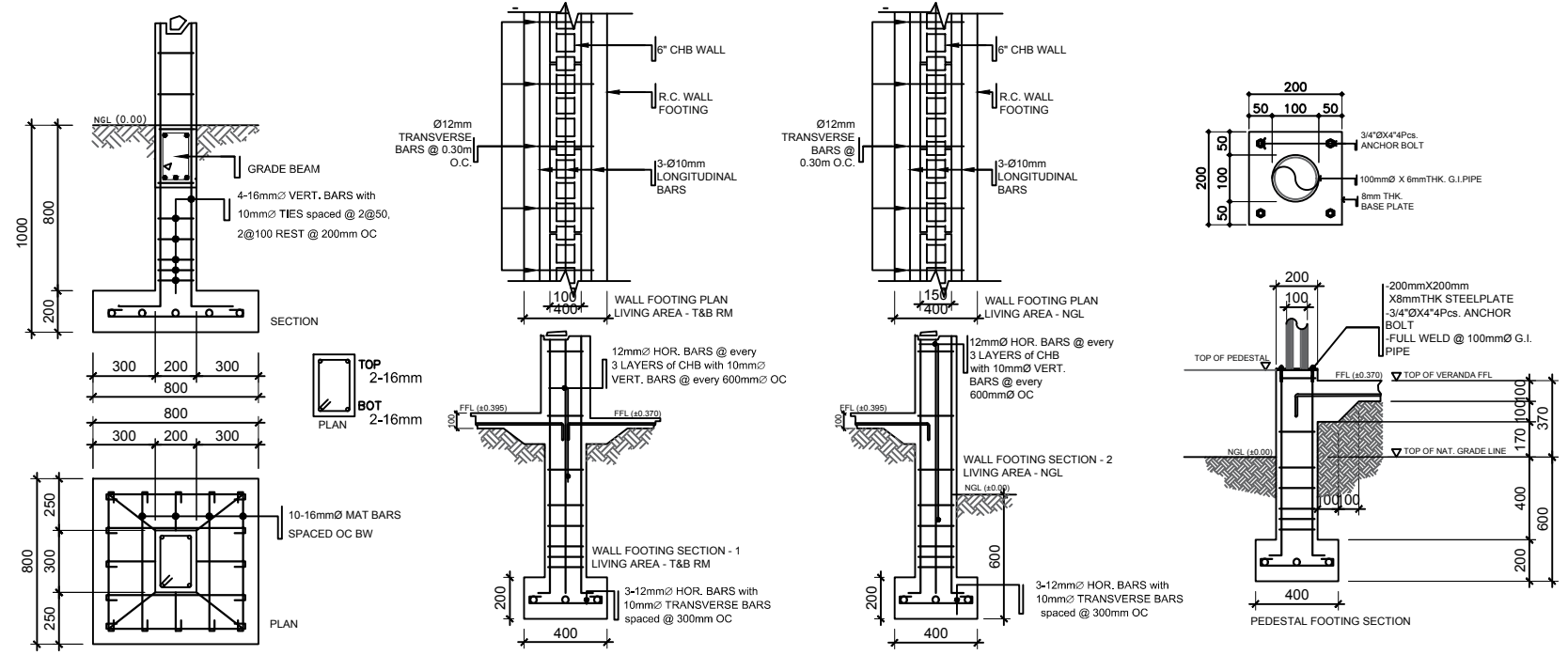
1 ROOF FRAMING DETAILS
S-200 SCALE: NTS



SCHEDULE OF BEAMS								
MARK	SIZE (MM) (b x d)	REINFORCEMENT						10 ϕ STIRRUPS
		SUPPORT		MID-SPAN		CANTILEVER		
		TOP	BOT	TOP	BOT	TOP	BOT	
RB-1	200 X 300	SEE BEAM DETAILS						2 @ 50, 2 @ 100, REST @ 200
GB	200 X 300	SEE BEAM DETAILS						

SCHEDULE OF COLUMN FOOTINGS					
MARK	SIZE (MM) (L x W x T)	DEPTH (MM) (D)	REINFORCEMENT		
			TRANSVERSE	LONGITUDINAL	
F-1	800 X 800 X 200	1000	5-16 ϕ	5-16 ϕ	

SCHEDULE OF COLUMNS					
LEVEL	MARK	SIZE (MM) (B x H)	REINFORCEMENT		SECTION
			VERT BARS	10 ϕ TIES	
GROUND TO ROOF BEAM	C-1	200 X 300	4-16 ϕ	Spaced at 2 @50; 2 @100 REST AT 200mm OC UP to Mid Height	



1 WF-1 DETAILS
S-300 SCALE NTS

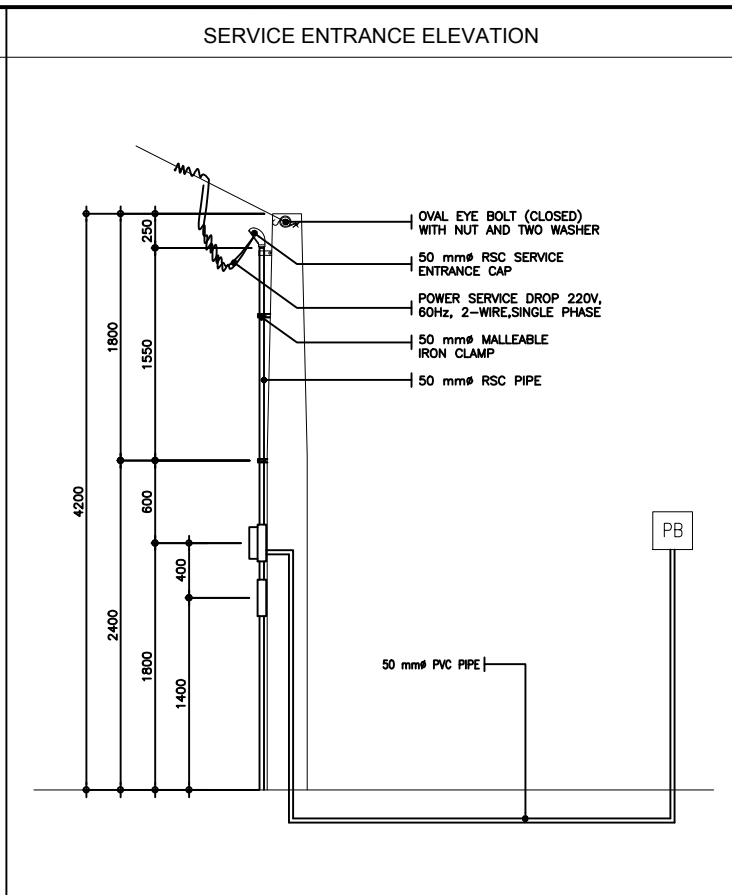
GENERAL NOTES

ALL ELECTRICAL WORKS HEREIN SHALL BE ONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST APPROVED EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE LAWS AND ORDINANCES OF THE LOCAL CODE ENFORCING AUTHORITIES AND REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE COMPANY.

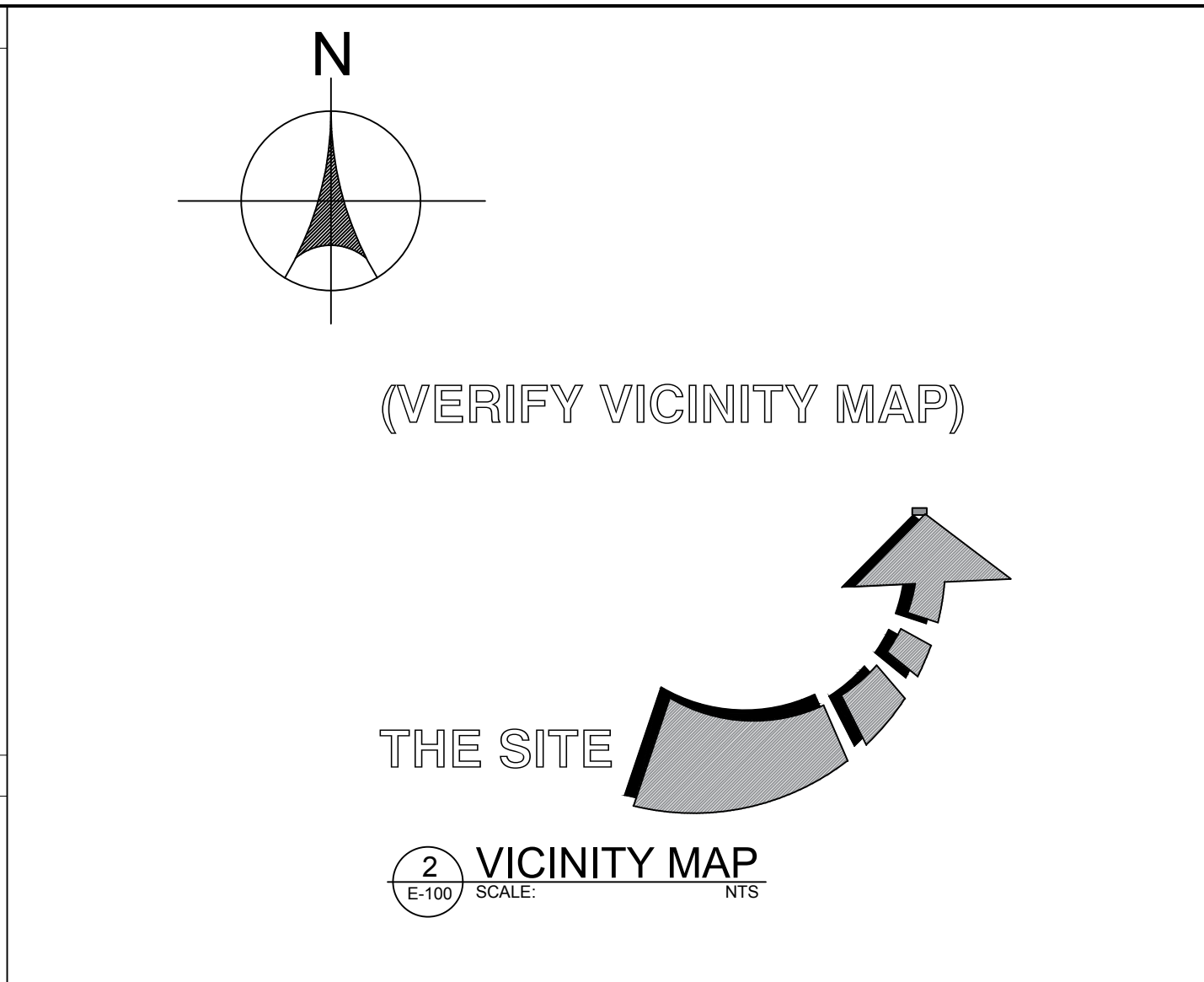
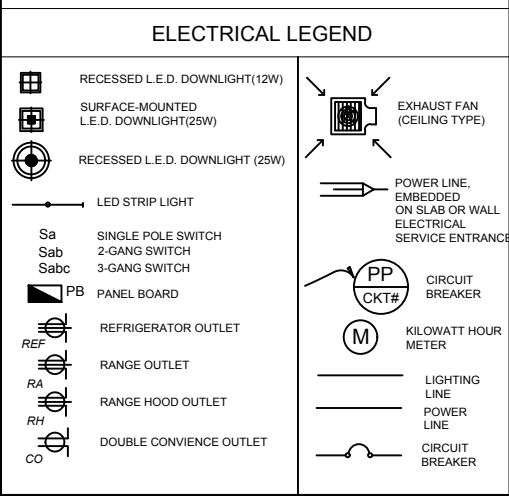
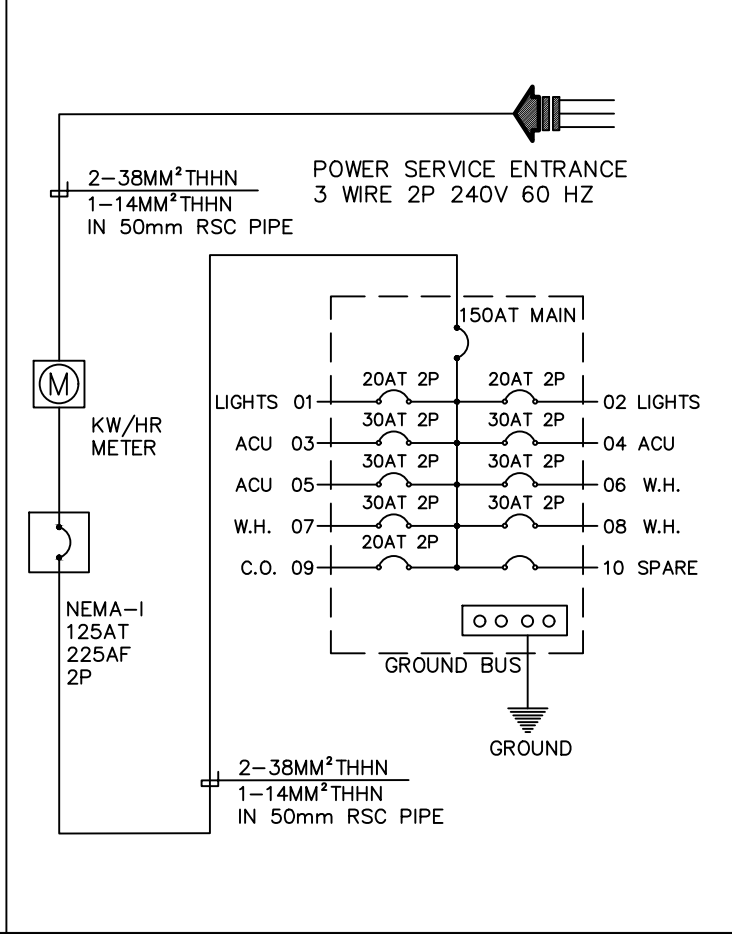
- SERVICE POWER SHALL BE 230V, SINGLE-PHASE, 2-WIRE+GROUND, 60 HERTZ.
- WIRING METHOD SHALL BE DONE IN POLYVINYL CHLORIDE (PVC) FOR LIGHTING, POWER AND AUXILIARY SYSTEM, AND RIGID STEEL CONDUIT (RSC) FOR MAIN FEEDER LINE, RESPECTIVELY.
- SMALLEST BRANCH CIRCUIT WIRE SHALL BE NO. 3.5 MMSO, THHN FOR POWER AND LIGHTING SYSTEM AND RACEWAY 15 MM DIAMETER TRADE SIDE EMT CONDUIT PIPE. ALL WIRES SHALL BE INSULATED FOR 600 VOLTS (PHELPS DODGE BRAND).
- ALL BRANCH CIRCUITS SHALL BE INSTALLED AS INDICATED IN THE PLANS, INDIVIDUAL BRANCH CIRCUIT HOMERUNS SHALL NOT BE COMBINED IN THE SAME RACEWAY.
- WHENEVER NECESSARY, PULLBOXES OF PROPER SIZE AND DIMENSIONS SHALL BE PROVIDED ALTHOUGH NOT INDICATED IN THE PLAN.
- ALL JUNCTION AND PULLBOXES SHALL BE PROVIDED WITH METAL PLATE COVERS.
- ALL FLOURESCENT LAMP SHALL BE RAPID START TYPE WITH HIGH POWER FACTOR BALLAST, SPRING LOADED LAMP HOLDERS AND ENCLOSED IN A METALLIC BOX.
- AL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR ITS LOCATION AND PURPOSE.
- ALL EXPOSED CONDUIT RUN SHALL BE INSTALLED PARALLEL TO OR PERPENDICULAR WITH THE BUILDING LINE AND SUPPORTED BY CONDUIT CLAMPS FOR EVERY 1.5 METERS DIAGONAL CONDUIT RUN SHALL NOT BE ACCEPTED.
- THE ELECTRICAL CONTRACTOR IS REQUIRED TO VISIT THE SITE TO ASCERTAIN HIMSELF TO THE LOCAL CONDITIONS THAT MAY AFFECT HIS WORK.
- ALL WIRES AND CABLES SHALL BE COLOR CODED AS FOLLOWS :
 LINE 1 - RED
 LINE 2 - BLUE
 LINE 3 - BLACK
 GROUND - GREEN
- MOUNTING HEIGHTS NOT SHOWN IN THE PLAN SHALL BE AS FOLLOWS :
 LIGHT CONTROLLED SWITCHES - 1400 MM AFFL @ CENTER
 CONVENIENCE AND TEL. OUTLET - 300 MM AFFL @ CENTER
 100 MM ABOVE COUNTER IN BASEBOARD HEIGHT IN LOW PARTITION PANEL BOARD - 1400 MM AFFL @ CENTER UNLESS OTHERWISE INDICATED BY THE FIELD CONDITION
- THE ELECTRICAL CONTRACTOR SHALL SECURE ALL WIRING PERMITS AND ALL FEES REQUIRED FOR THE WORK AND SHALL FURNISH THE OWNER THROUGH THE PROJECT MANAGER, CERTIFICATE OF FINAL ELECTRICAL INSPECTION (CFEI) AND APPROVAL FROM THE PROPER AUTHORITIES.
- ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.
- UPON COMPLETION OF ELECTRICAL WORK, INSULATION TEST, GROUNDING TEST AND LOAD BALANCE TEST SHALL BE CONDUCTED BY THE CONTRACTOR IN THE PRESENCE OF THE PROJECT MANAGER.
- THE ELECTRICAL CONTRACTOR IS REQUIRED TO REPORT ANY DISCREPANCY TO THE PLANS, AND SPECIFICATIONS IN THE ACTUAL SITE CONDITIONS.

ABBREVIATIONS

#	NUMBER
Ω	OHM
Φ	PHASE
A	AMPERES
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
ATC	AUTOMATIC TEMPERATURE CONTROL
AWG	AMERICAN WIRE GAUGE
BTU	BRITISH THERMAL UNITS
C	CONDUIT
CATV	CABLE TELEVISION OR COMMUNITY ANTENNAE TELEVISION
CB	CRITICAL BRANCH CIRCUIT BREAKER
C/B	CIRCUIT BREAKER
CBM	CERTIFIED BALLAST MANUFACTURER
CCT	CIRCUIT (ALSO: CIR, CKT)
CCTV	CLOSED CIRCUIT TELEVISION
CD	CANDELA
CIR	CIRCUIT (ALSO: CCT, CKT)
CKT	CIRCUIT (ALSO: CCT, CIR)
CLF	CURRENT LIMITING FUSE
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CJ	COPPER
DB	DECIBEL
DC	DIRECT CURRENT
DIA	DIAMETER
EB	EQUIPMENT BRANCH ELECTRICAL CODE OR ELECTRICAL CONTRACTOR EXHAUST FAN
EC	ELEVATOR
EF	EMERGENCY
ELEV	ELECTRICAL METALLIC TUBING
EM	EMERGENCY POWER
EMT	EMERGENCY POWER OFF (BUTTON OR SWITCH)
EP	ELECTRIC WATER COOLER
EPO	
EWC	
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
G	GROUND
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRMC	GALVANIZED RIGID METAL CONDUIT
HOA	HAND-OFF-AUTOMATIC SWITCH
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HZ	
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INT	INTERLOCK
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
KVAR	KILOVOLT-AMPERES REACTIVE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LTG	LIGHTING
LRA	LOCK ROTOR AMPS
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MI	MINERAL INSULATED
MLO	MAIN LUGS ONLY
MW	MEGAWATT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
NO	NORMALLY OPEN OR NUMBER
PRL	BUSH BUTTON OR PANIC BUTTON OR PULL BOX
PWR	POWER
PT	POTENTIAL TRANSFORMER
QTY	QUANTITY
REQ	REQUIRED
RMC	RIGID METAL CONDUIT
RMS	ROOT MEAN SQUARED
RNC	RIGID NON-METALLIC CONDUIT
RIS	REMOTE TEST STATION
RTU	ROOF TOP UNIT
ST	SHUNT TRIP SWITCH
SW	SYMMETRICAL
SYM	SYMMETRICAL
TEL	TELEPHONE
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMCB	THERMAL MAGNETIC CIRCUIT BREAKER
UG	UNDER GROUND
UL	UNDERWRITERS LABORATORY
VA	VOLT-AMPERE
VT	VOLSTAGE TRANSFORMER
W	WATT OR WIRE
WH	WATER HEATER
WP	WEATHER PROOF
XFMR	TRANSFORMER



SINGLE LINE DIAGRAM



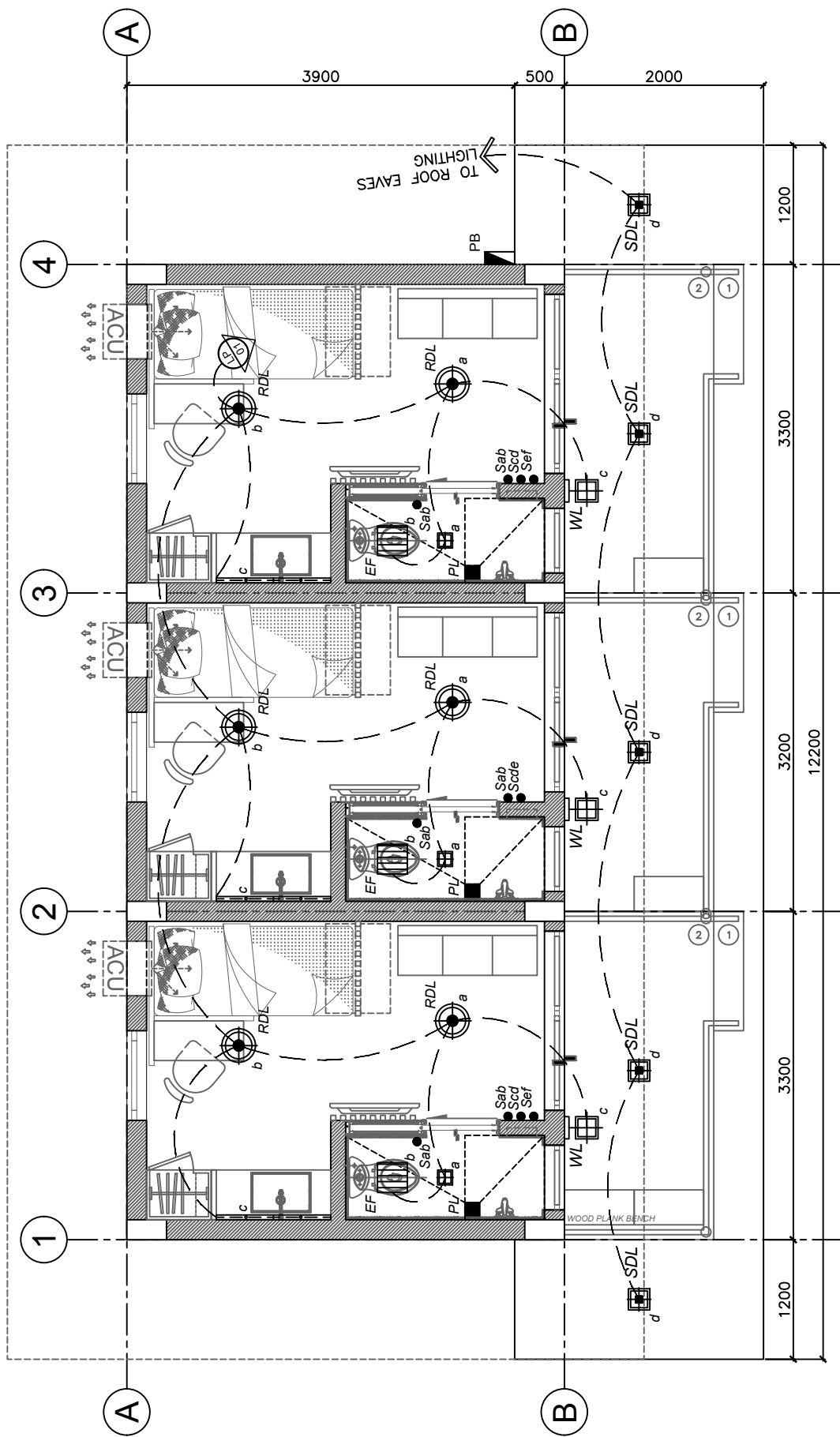
SCHEDULE OF LOADS & COMPUTATION

CKT NO.	LOAD DESCRIPTION	NO. OF		VOLTS	AMPERE LOAD	CB RATING			NO. & SIZE OF WIRE THHN	SIZE OF CONDUIT PVC	
		LO.	CO.			AT	AF	POLE			
01	LIGHTING	6-DL		180	230	3.2	20AT	50	2P	2 - 3.5 mm² THHN 1-2.0mm² THHN G.WIRE	15mm Ø PVC
		3-PL		60							
		3-WL		60							
		3-LED		60							
		3-EF		360							
02	LIGHTING	15-DL		450	230	2.0	20AT	50	2P	2 - 3.5 mm² THHN 1-2.0mm² THHN G.WIRE	15mm Ø PVC
03	ACU 1.0HP OUTLET		1	1200	230	5.3	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
04	ACU 1.0HP OUTLET		1	1200	230	5.3	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
05	ACU 1.0HP OUTLET		1	1200	230	5.3	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
06	WATER HEATER		1	2000	230	8.7	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
07	WATER HEATER		1	2000	230	8.7	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
08	WATER HEATER		1	2000	230	8.7	30AT	50	2P	2 - 5.5 mm² THHN 1-3.5mm² THHN G.WIRE	20mm Ø PVC
09	CONV. OUTLET		9	1800	230	7.9	20AT	50	2P	2 - 3.5 mm² THHN 1-2.0mm² THHN G.WIRE	15mm Ø PVC
10	SPARE										
TOTAL LOAD :				12,570	230	55.1					

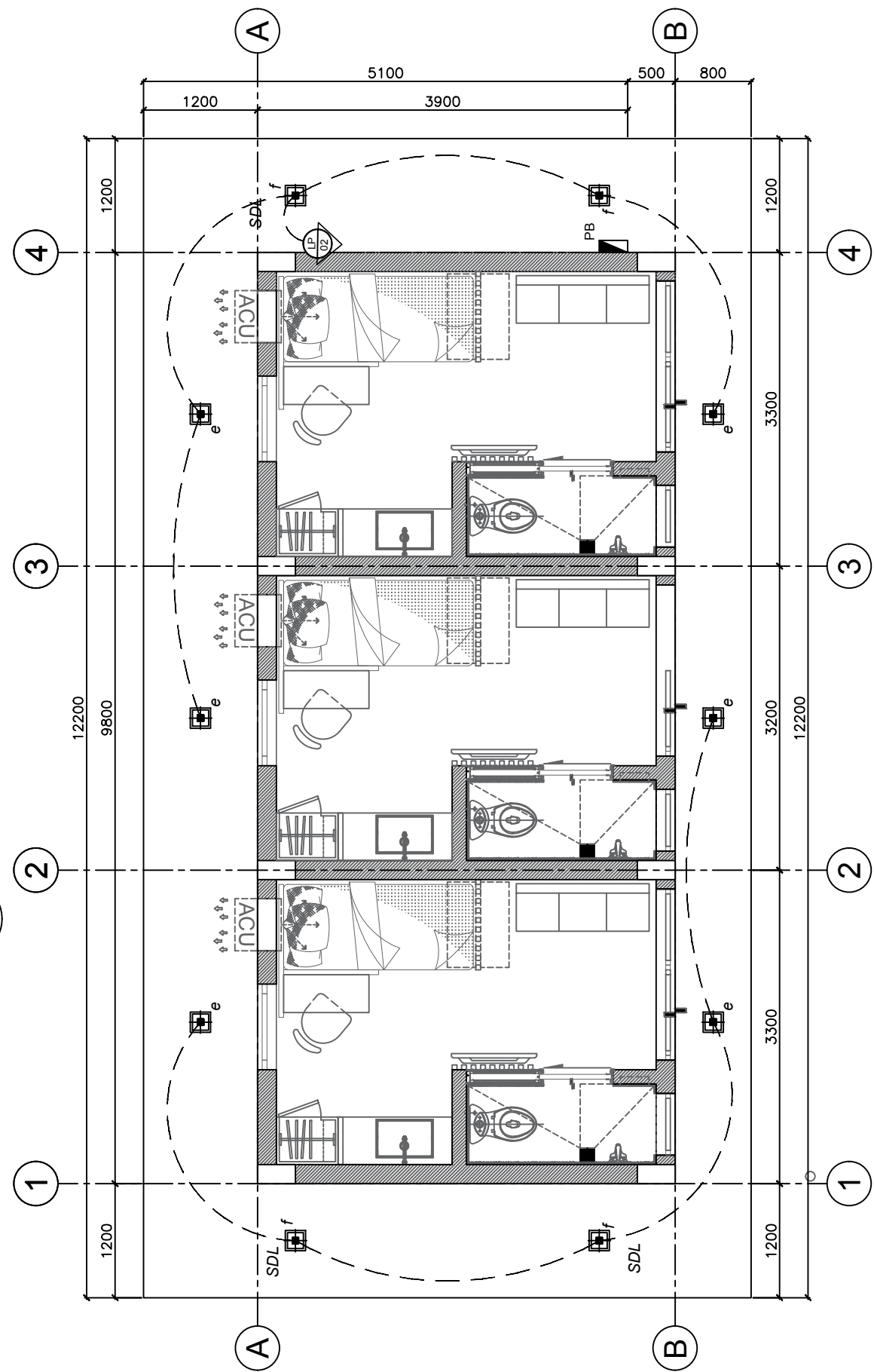
COMPUTATION:
 58 SQ.MTRS X 24WATTS = 1,392 ACU = 3,600 I_T = 13,962 + 11,170 (80% DF) 2-38mm² THHN 1-14mm² GROUND WIRE
 LIGHTING = 1,170 WATER HEATER = 6,000 I_T = 25,132 / 230V 125AT, 225AF, 2POLE AS MAIN PROTECTION
 CONV. OUTLET = 1,800 TOTAL = 13,962 I_T = 110 AMPS IN 50MMØ RSC PIPE

THEREFORE: USE

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT PRK. BUMANAAG, BRGY. ZONE III, KORONADAL CITY, SOUTH COTABATO, FO XII	PREPARED BY: ENGR. CRESSLY ANN E. BANTAYA TECHNICAL FACILITATOR	RA 9266 SECTION 33 <i>Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.</i>	REVIEWED AND VERIFIED BY: ENGR. ROLLY A. TEOFILO PDO IV FOR INFRA	PROJECT TITLE: CONSTRUCTION OF 2-UNITS ISOLATION BUILDING (11-ROOMS)	APPROVED BY: CEZARIO JOEL C. ESPEJO REGIONAL DIRECTOR DSWD - FIELD OFFICE XII	SHEET CONTENT GENERAL NOTES SERVICE ENTRANCE SINGLE LINE DIAGRAM SCHEDULE OF LOAD	REVISIONS <table border="1"> <tr><th>MARK</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MARK	DATE									PROJECT NO. DRAWN BY : CEB DESIGNED BY : DATE : -- CHECKED BY : FCE	SHEET NO. E-100 SCALE: A3 AS SHOWN A1
	MARK	DATE																	
CHECKED BY: ENGR. FRANCIS C. ESTOMATA PDO III	LOCATION: RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO	SHEET CONTENT GENERAL NOTES SERVICE ENTRANCE SINGLE LINE DIAGRAM SCHEDULE OF LOAD	REVISIONS <table border="1"> <tr><th>MARK</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MARK	DATE									PROJECT NO. DRAWN BY : CEB DESIGNED BY : DATE : -- CHECKED BY : FCE	SHEET NO. E-100 SCALE: A3 AS SHOWN A1				
MARK	DATE																		

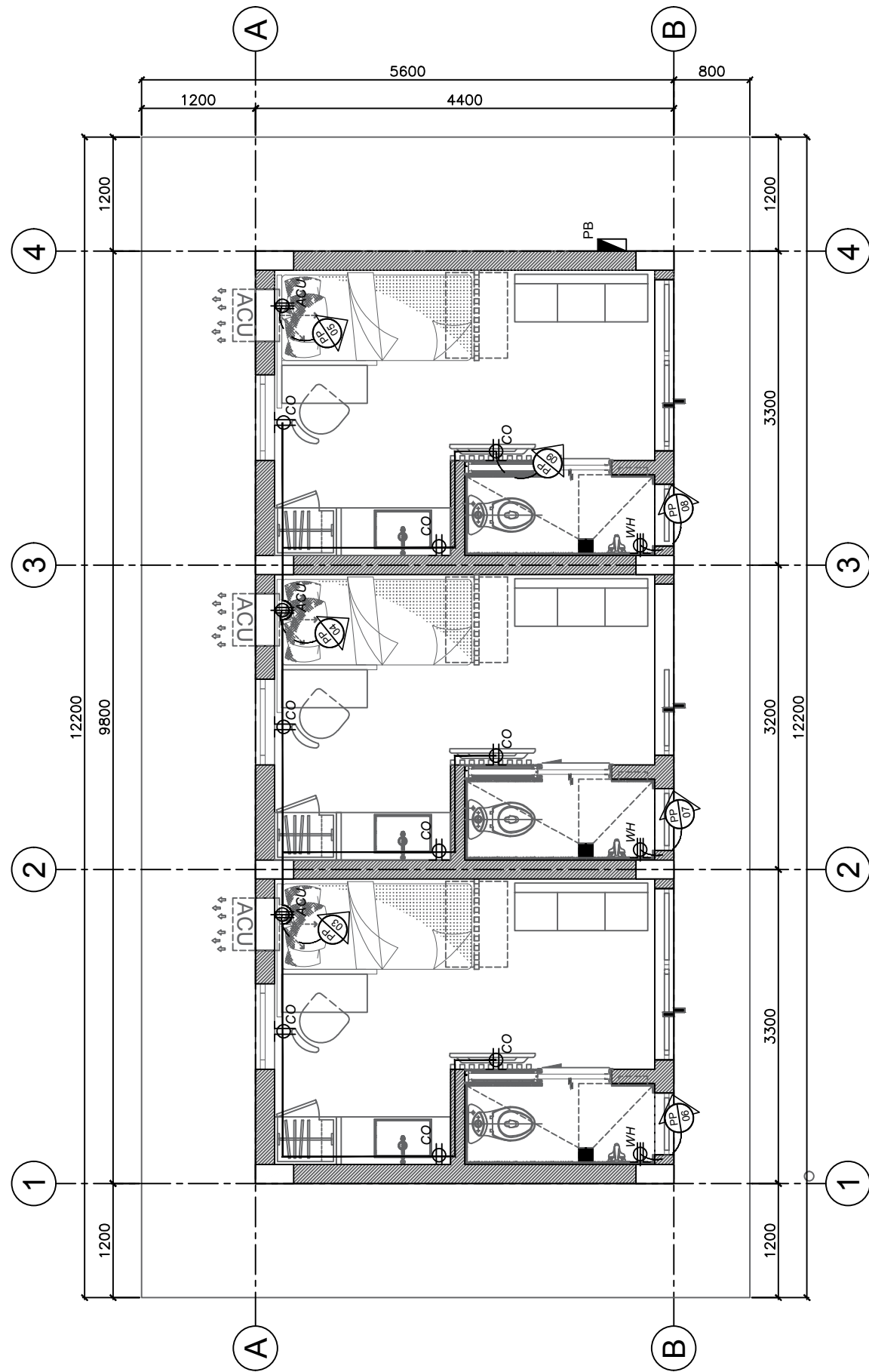


PROPOSED
1 LIGHTING LAYOUT 1
 SCALE: E-200 1:60 MTS



PROPOSED
2 ROOF LIGHTING LAYOUT 2
 SCALE: E-200 1:60 MTS

LIGHTING FIXTURES	
SYMBOL	DISCRPTION
	RECESSED L.E.D. DOWNLIGHT(12W)
	SURFACE-MOUNTED L.E.D. DOWNLIGHT(25W)
	RECESSED L.E.D. DOWNLIGHT (25W)
	L.E.D. WALL LIGHT (15W)
	L.E.D. STRIP LIGHT
	SWITCHES
	3 WAY SWITCH



PROPOSED
1 POWER LAYOUT
 SCALE: 1:60 MTS

LEGEND:

POWER FIXTURES

	ACU (1 HP) WINDOW TYPE UNIT
	EXHAUST FAN (CEILING TYPE)
	MISCELLANEOUS OUTLET FOR (MICROWAVE, TOASTER, RICE COOKER)
	CONVENIENCE OUTLET (AIRCON)
	CONVENIENCE OUTLET (WATER HEATER)
	DOUBLE CONVENIENCE OUTLET
	SINGLE SWITCH SINGLE POLE
	2-GANG SWITCH SINGLE POLE
	3-GANG SWITCH SINGLE POLE
	PANEL BOARD

LEGEND:

WATER SUPPLY:

- CV - Check Valve
- WM - Water Meter
- GV - Gate Valve
- FAU - Faucet
- SH - Shower Head

FIXTURES:

- WC - Water Closet
- LAV - Lavatory
- FD - Floor Drain
- SD - Shower Drain
- KS - Kitchen Sink

WASTE LINE:

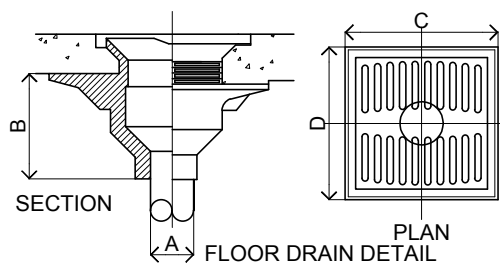
- CO - Clean Out
- V - Vent
- VTR - Vent Thru Roof

WATER SUPPLY LINE

SANITARY LINE

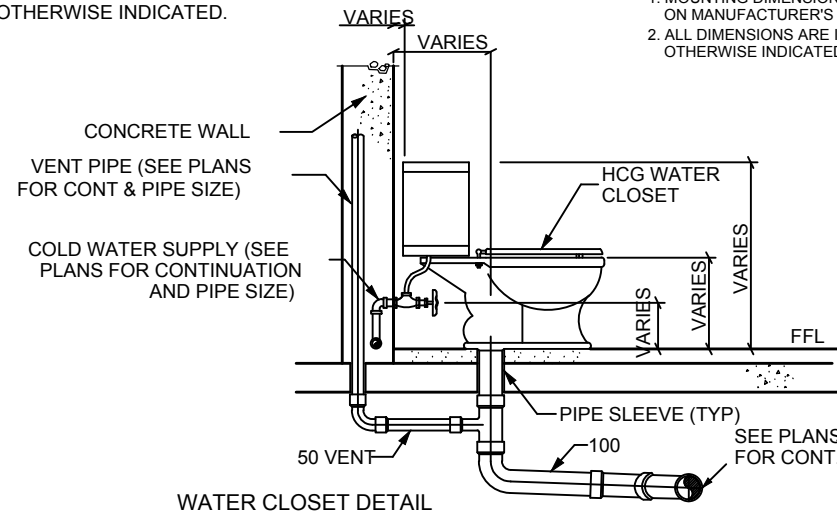
STORM DRAIN LINE

PIPE SIZE IN A	DIMENSION (mm)		
	B	C	D
50 mm	36.10	101.60	101.60
75 mm	38.10	127.00	127.00
100 mm	40.00	152.40	152.40



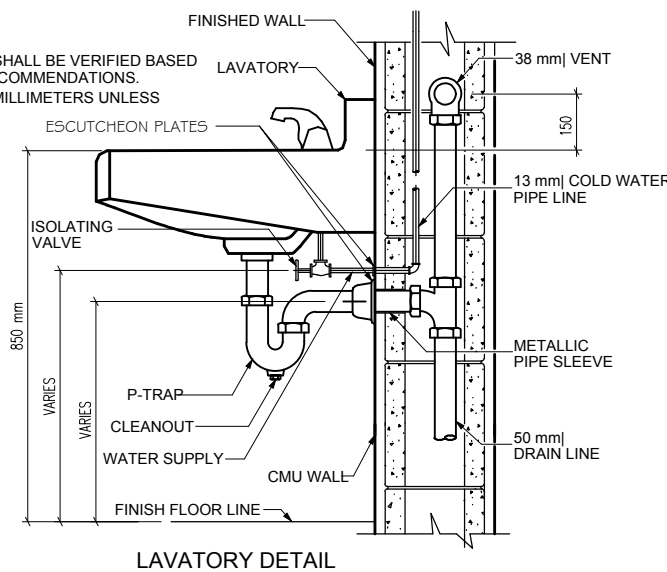
NOTE :

1. MOUNTING DIMENSIONS SHALL BE VERIFIED BASED ON MANUFACTURER'S RECOMMENDATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.



NOTE:

1. MOUNTING DIMENSIONS SHALL BE VERIFIED BASED ON MANUFACTURER'S RECOMMENDATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.



GENERAL NOTES

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PHILS. PLUMBING CODE. THE NATIONAL PLUMBING CODE AND RULES & REGULATIONS.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT/ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION. DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% UNLESS OTHERWISE SPECIFIED.
6. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATION THE WORKS WITH SEWER LINE EFFLUENT DISPOSAL POINT & WATER LINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
8. ALL PIPE SIZES ARE IN MILLIMETERS AND ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
9. ALL PIPE DIAMETER ARE INSIDE DIMENSION (NOMINAL) UNLESS OTHERWISE SPECIFIED.
10. VERIFY ARCHITECTURAL PLANS FOR THE EXACT LOCATION OR SETTING OUT OF FLOOR DRAINS, FLOOR CLEAN-OUTS AND OTHER PLUMBING APPURTENANCES.
11. ALL CONCEALED VALVES OR VALVES AT CEILING LEVEL SHALL BE PROVIDED WITH ACCESS MANHOLE.
12. RISERS AND STACKS SHALL BE PROVIDED WITH SWAY BRACES EVERY OTHER FLOOR STARTING AT GROUND FLOOR.
13. PROVIDE ADAPTER FITTINGS FOR DISSIMILAR MATERIALS.
14. ALL PVC PIPE PENETRATING THROUGH CONCRETE FLOOR, WALL OR BLOCK WALL SHALL BE PROVIDED WITH FIRE STOP SEALANT AND FIRE STOP COLLAR. INSTALLATION SHALL CONFORM WITH UL SYSTEM OR MANUFACTURER'S RECOMMENDATION.

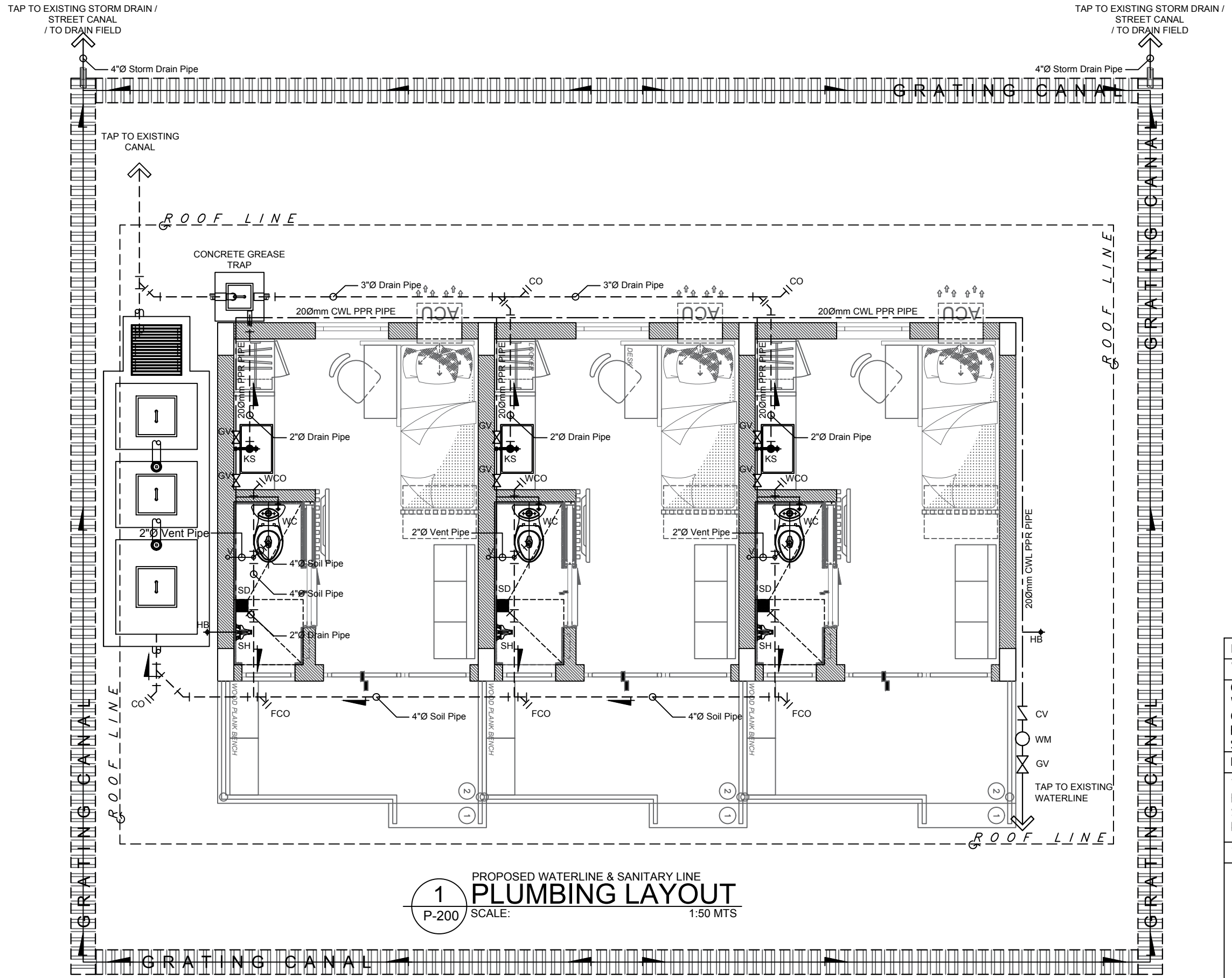
MATERIAL SPECIFICATIONS

- COLD WATER LINES**
- FROM TAPPING POINT TO WATER METER TO DISTRIBUTION TO RISER AND DOWNFEEDS SHALL BE GALVANIZED IRON (G.I.) PIPE SCHEDULE 40, CONFORMING TO ASTM A-120-80, "SUPERIOR", "SUPREME", "SOUTHERN PIPES" BRAND OR EQUAL.
 - FITTINGS SHALL BE MALLEABLE IRON, CLASS 150. JOINTING SHALL BE SCREWED CONNECTION FOR 65Ø AND BELOW AND FLANGE CONNECTION FOR 75Ø AND ABOVE.
 - PROVIDE CORROSION PROTECTION, COATED WITH PETROLEUM BASED PASTE AND WRAPPED WITH PETROLATUM TAPE "DENSO", "ECOSAN" BRAND.
 - FOR ROUGHING-IN OF TOILETS SHALL BE POLYPROPYLENE PIPE AND FITTINGS, CONFORMING TO ISO 15874 PN-20 MINIMUM RATING. JOINTING SHALL BE BY SOCKET FUSION. "AMICO", "ECOSAN" BRAND.

SCHEDULE OF G.I. PIPE DIAMETER EQUIVALENT TO PPRC / HDPE

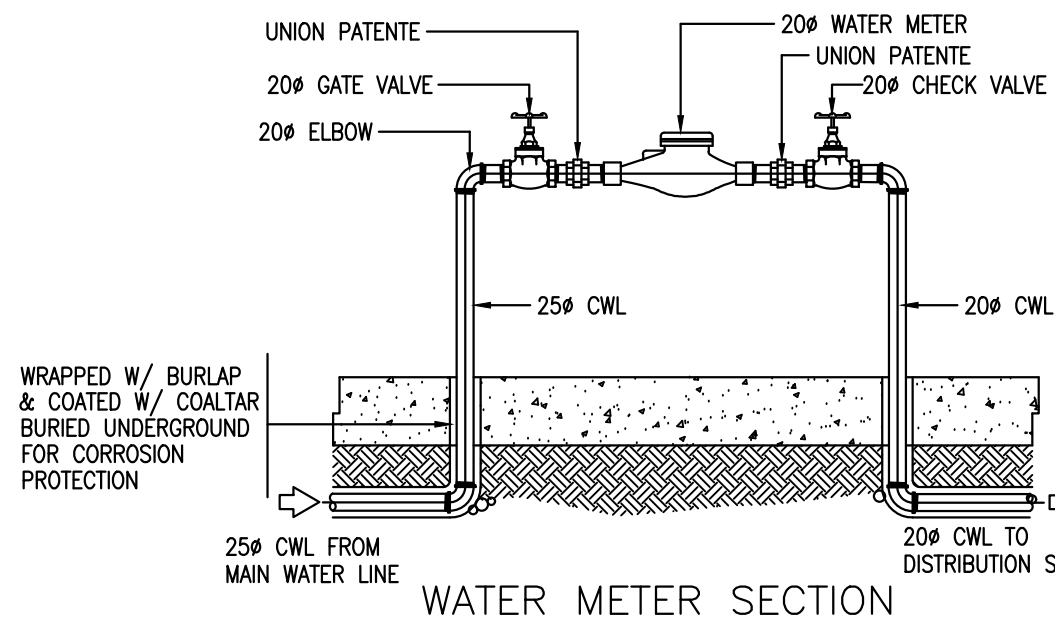
DESIGNED PIPE SIZE NOMINAL DIAMETER - G.I. PIPE, SCH. 40 INSIDE DIMENSION (MM)	PIPE DIAMETER EQUIVALENT TO PPRC/HDPE PIPE (PN-20)		PIPE DIAMETER EQUIVALENT TO PPRC/HDPE PIPE (PN-16)	
	OUTSIDE DIMENSION (MM)	THICKNESS (MM)	OUTSIDE DIMENSION (MM)	THICKNESS (MM)
20	32	5.4	25	3.5
25	40	6.7	32	4.4
32	50	8.3	40	6.9
40	63	10.5	63	8.6
50	75	12.5	75	10.3
65	90	15	90	12.3
75	110	18.3	110	15.1
100	140	23.3	140	23.3
150	-	-	-	-
200	-	-	-	-

- SEWER/WASTE LINES**
- FOR LATERAL PIPE, SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS, WITH CELL NUMBER 124548;
 - "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.
 - FOR STACKS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), POLYPROPYLENE PIPES AND FITTINGS, PN 10 MINIMUM RATING. JOINTING SHALL BE ELECTRO FUSION. "GEBERIT". "VALSIR" BRAND.
 - FOR COLLECTORS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), POLYPROPYLENE PIPES AND FITTINGS, PN 10 MINIMUM RATING. JOINTING SHALL BE ELECTRO FUSION. "GEBERIT". "VALSIR" BRAND.
- VENT LINES / STACKS**
- SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS CONFORMING TO ASTM D2729 AND ASTM D3311, SERIES 1000 II, "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.
- PERFORATED PIPES**
- SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS CONFORMING TO ASTM D2729 AND ASTM D3311, SERIES 1000 II, "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.
- WATER METER**
- VOLUMETRIC TYPE FOR 25MM AND BELOW. ROTARY VANE TYPE FOR 32MM AND ABOVE. "ROCKWELL", "BADGER", "SYNERGY", "AMICO" OR MWSI APPROVED.
- VALVES**
- "KENNEDY", "AMICO", "BERMAD", "OOVAL", "DOROT" OR EQUIVALENT.
- DRAINS**
- "JAMAN" BY EUROBRASS OR EQUIVALENT.

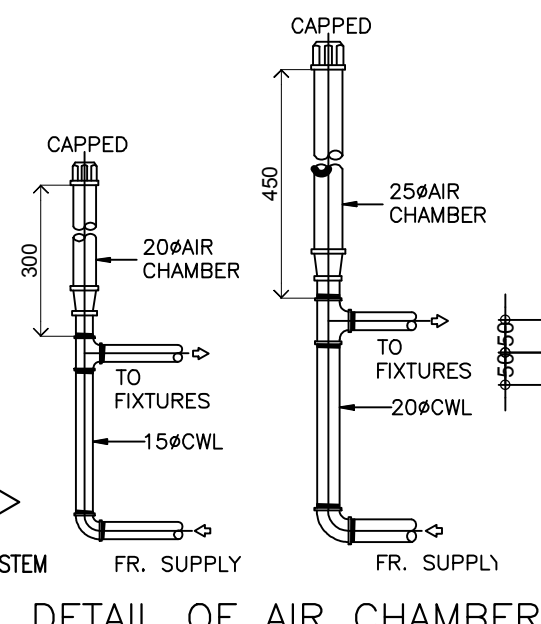


1 PROPOSED WATERLINE & SANITARY LINE
PLUMBING LAYOUT
 P-200 SCALE: 1:50 MTS

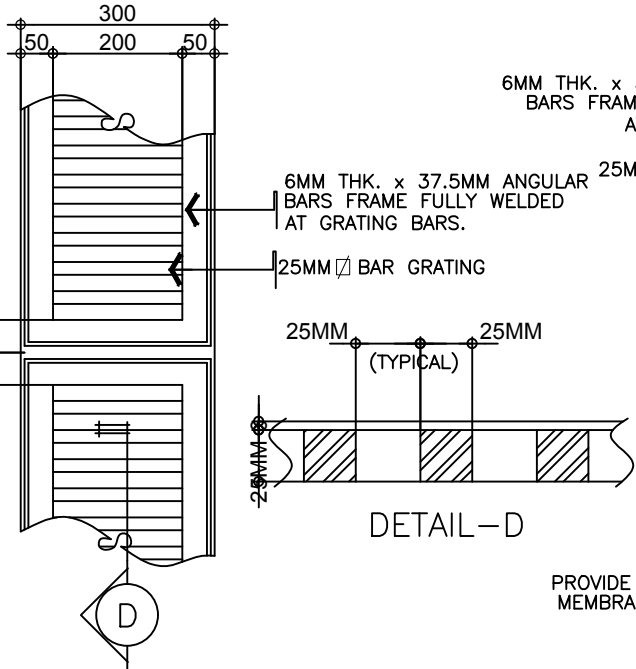
LEGEND:	
WATER SUPPLY:	
CV	- Check Valve
WM	- Water Meter
GV	- Gate Valve
FAU	- Faucet
SH	- Shower Head
FIXTURES:	
WC	- Water Closet
FD	- Floor Drain
SD	- Shower Drain
KS	- Kitchen Sink
WASTE LINE:	
CO	- Clean Out
V	- Vent
VTR	- Vent Thru Roof
<p>— WATER SUPPLY LINE</p> <p>- - - SANITARY LINE</p> <p>- - - STORM DRAIN LINE</p>	



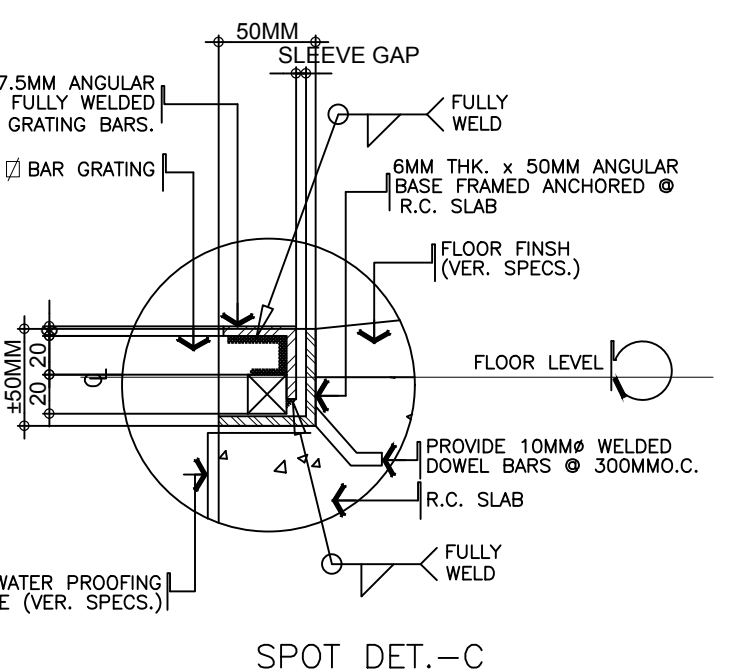
WATER METER SECTION



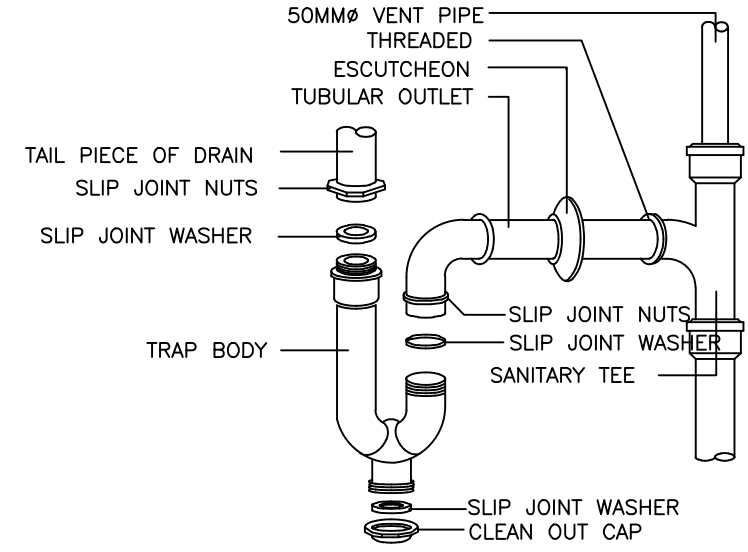
DETAIL OF AIR CHAMBER



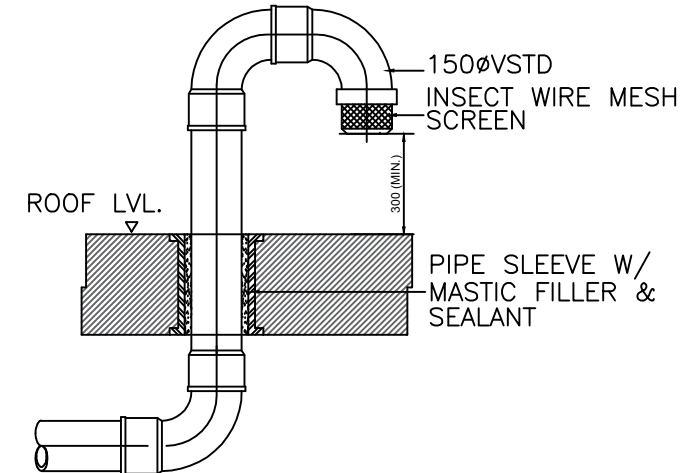
SPOT DET.-B



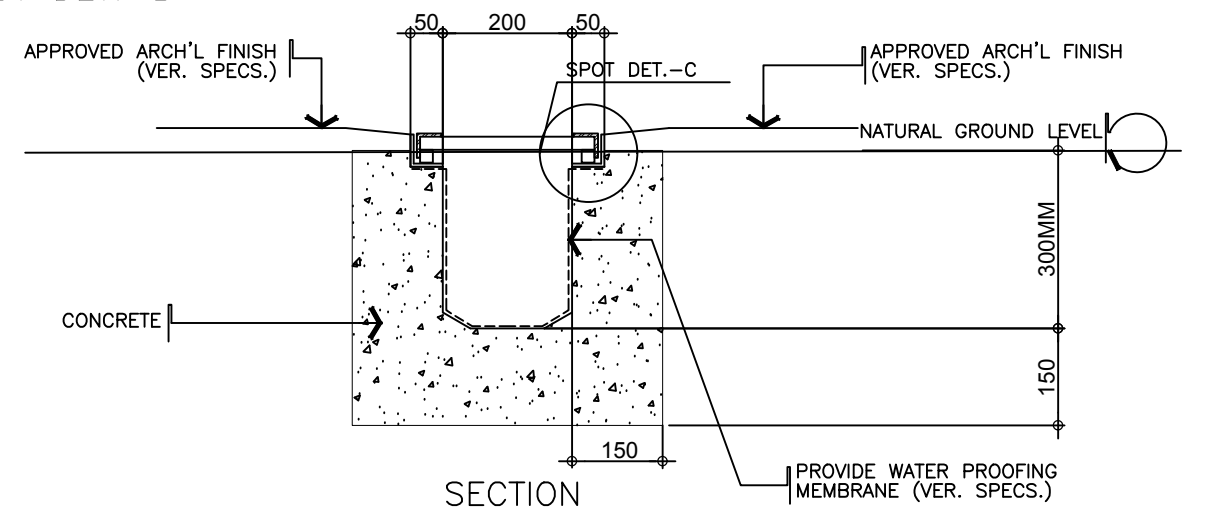
SPOT DET.-C



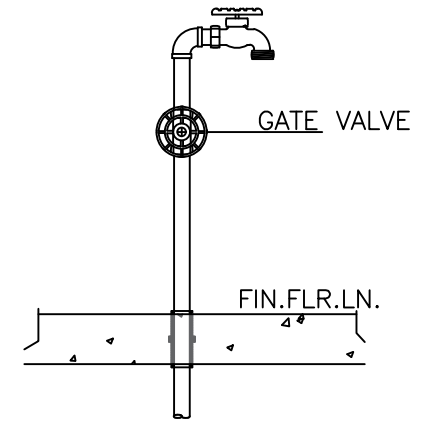
LAVATORY CONNECTION



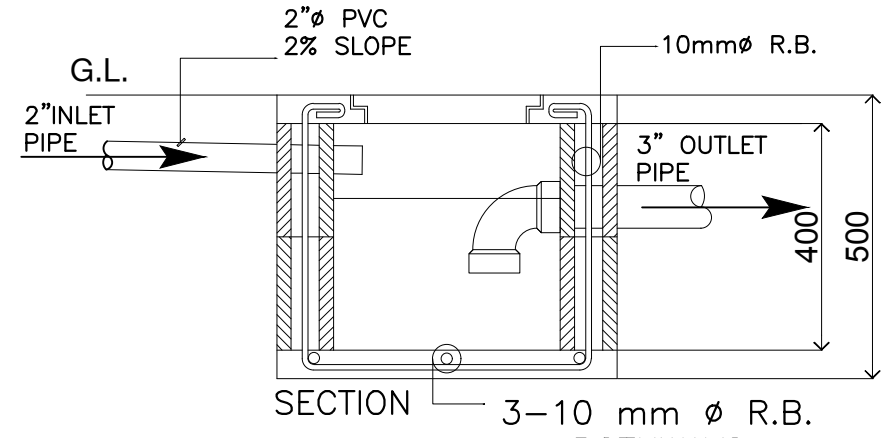
DETAIL OF VENT STACK THRU DECK



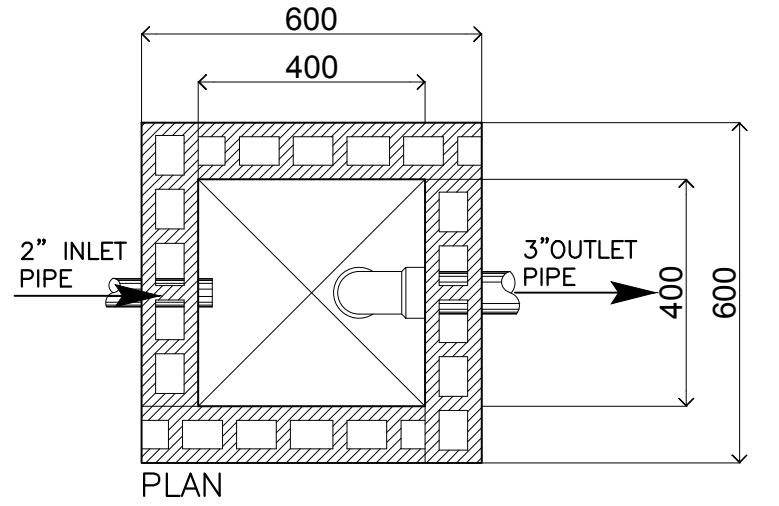
DETAILS SECTION OF GRATING CANAL



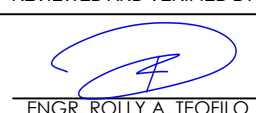

DETAIL OF HOSE BIB

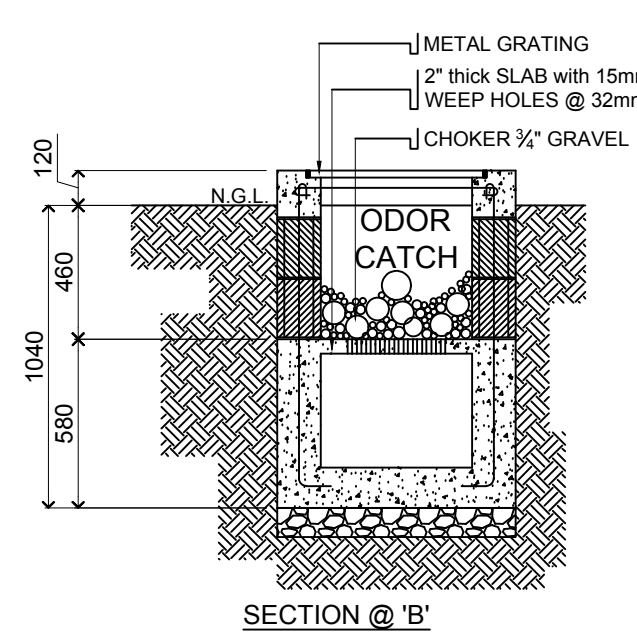
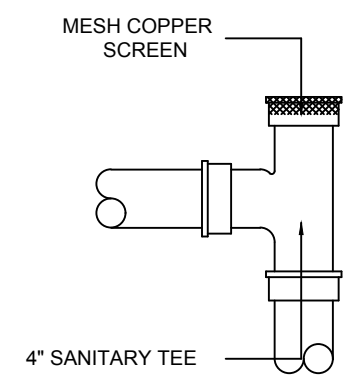
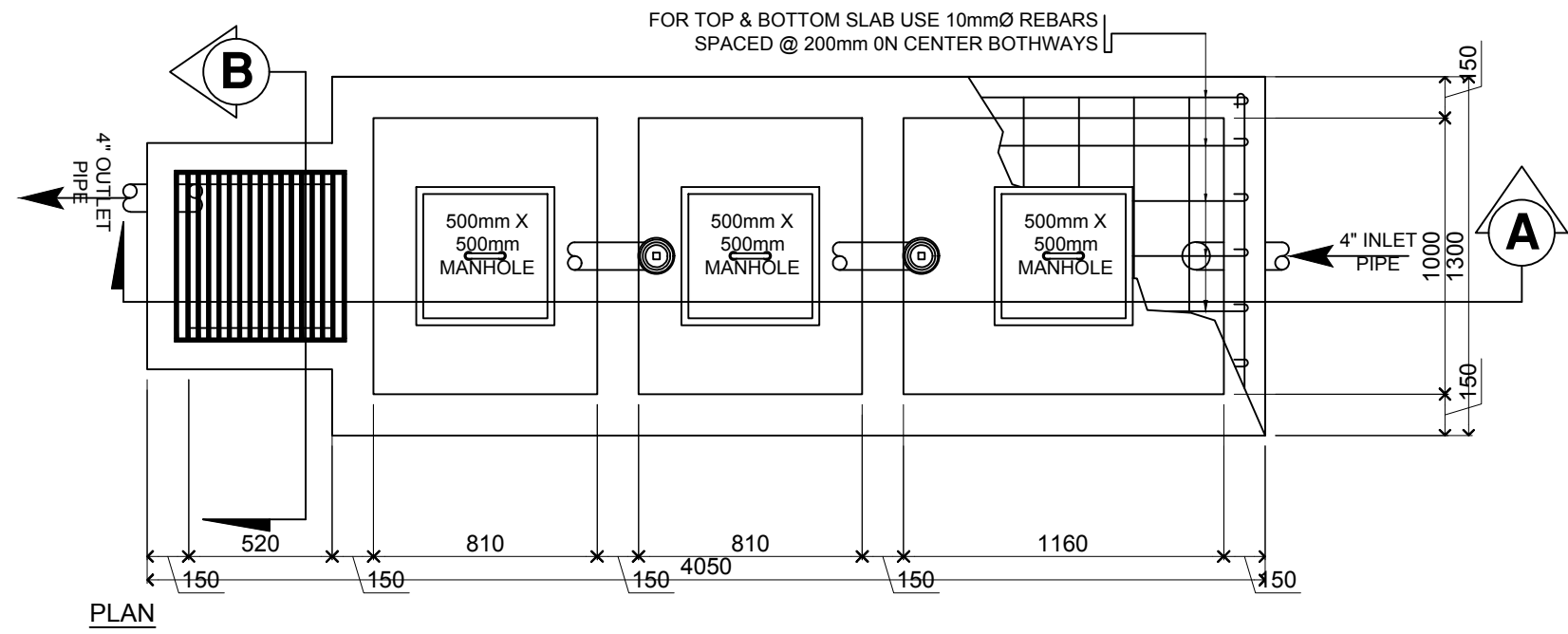


GREASE TRAP DETAIL

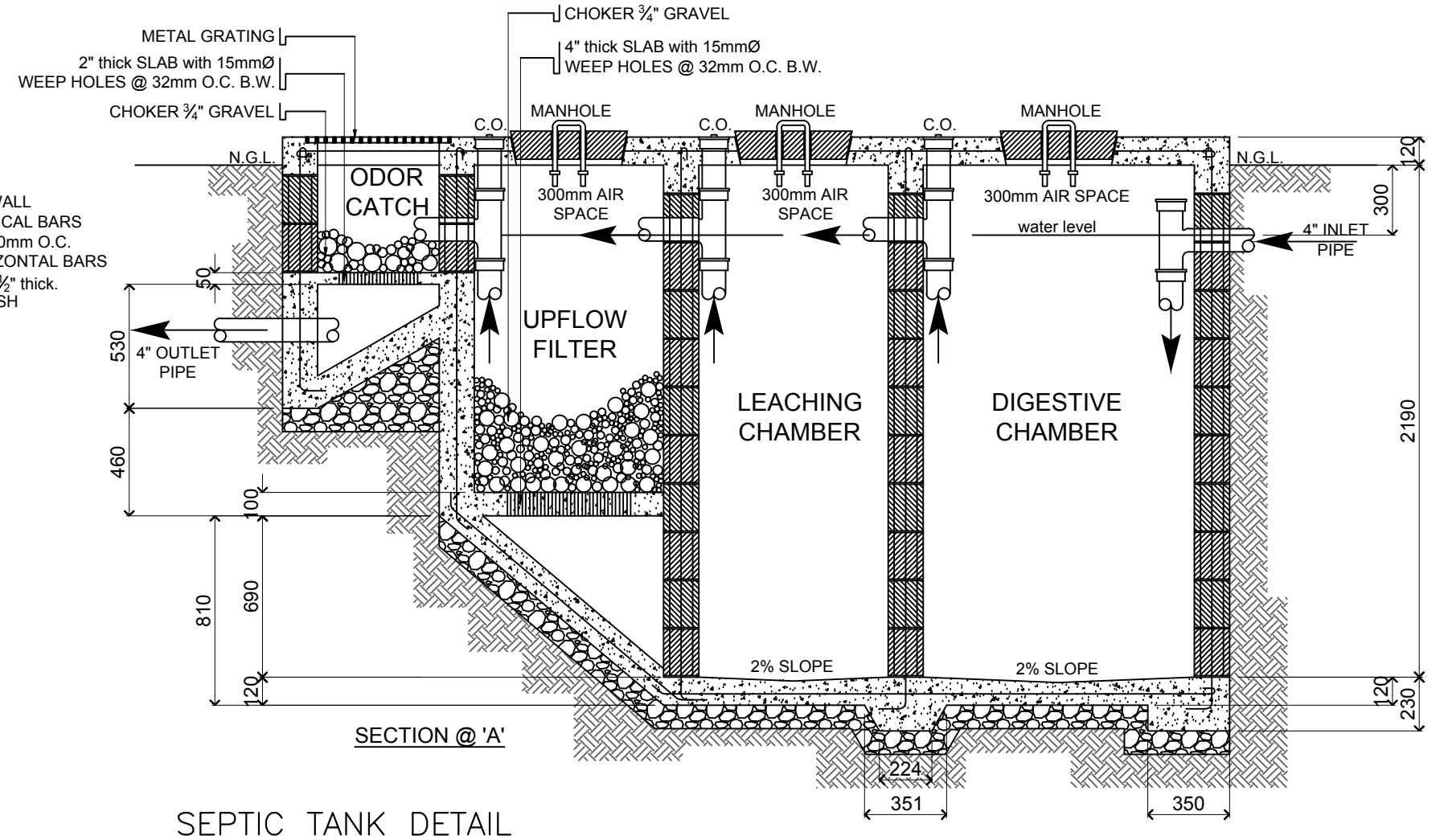


PLAN

PREPARED BY: ENGR. CRESSYL ANN E. BANTAYA TECHNICAL FACILITATOR CHECKED BY: ENGR. FRANCIS C. ESTOMATA PDO III	RA 9266 SECTION 33 <small>Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.</small>	REVIEWED AND VERIFIED BY:  ENGR. ROLLY A. TEOFILO PDO IV FOR INFRA	PROJECT TITLE: CONSTRUCTION OF 2-UNITS ISOLATION BUILDING (11-ROOMS) LOCATION: RRCY, BRGY. BUKAY PAIT, TANTANGAN, SOUTH COTABATO	APPROVED BY:  CEZARIO JOEL C. ESPEJO REGIONAL DIRECTOR DSWO - FIELD OFFICE XII	SHEET CONTENT PLUMBING DETAILS	REVISIONS <table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE									PROJECT NO. DRAWN BY : CEB DESIGNED BY : DATE : -- CHECKED BY : FCE	SHEET NO. P-300 SCALE: A3 AS SHOWN A1
MARK	DATE																	



- NOTE:
1. USE 6" CHB WALL
 2. 10mmØ VERTICAL BARS SPACED @ 400mm O.C.
 3. 10mmØ HORIZONTAL BARS
 4. INSIDE WALL 1/2" thick PLASTER FINISH



SEPTIC TANK DETAIL

