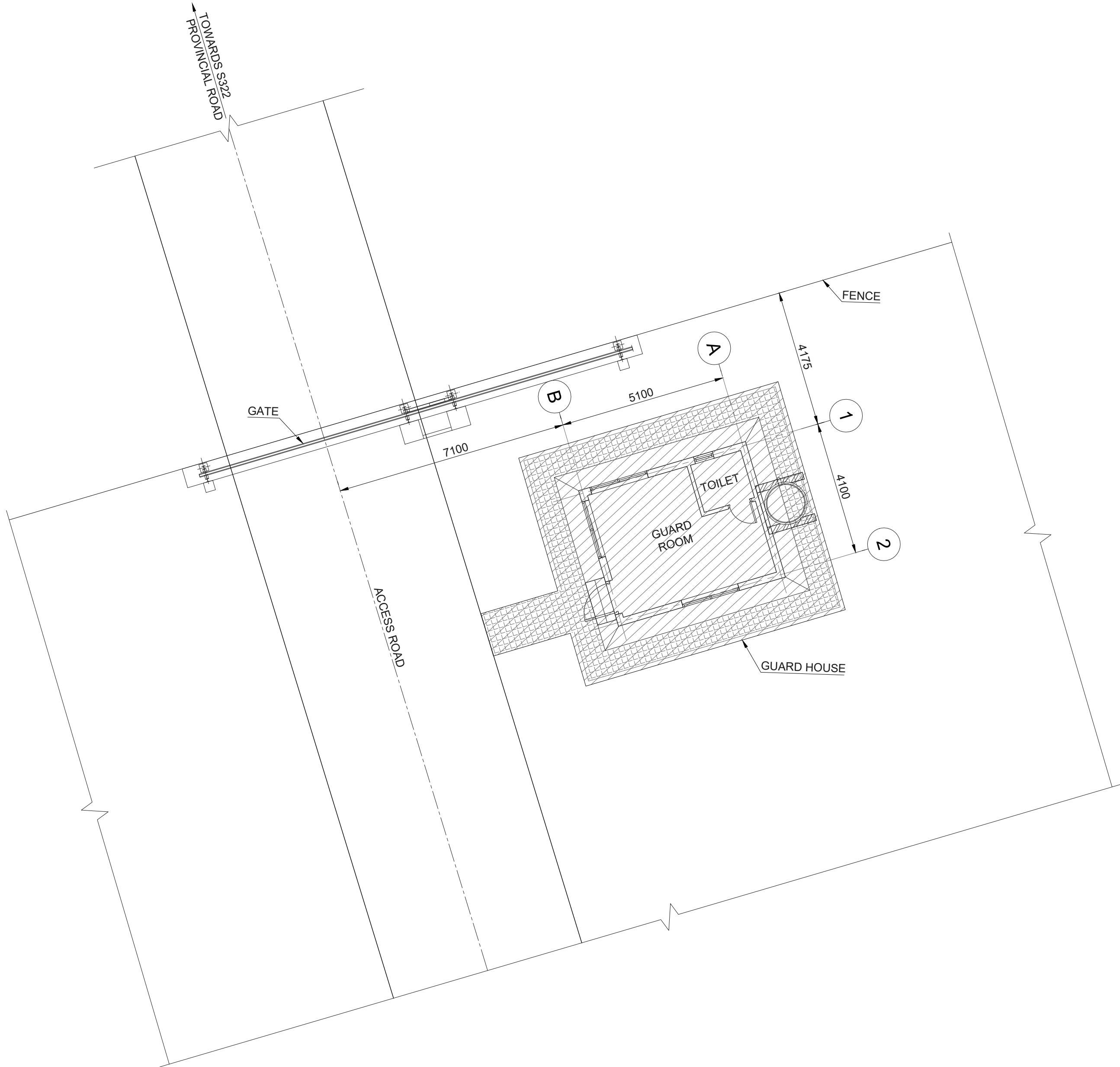
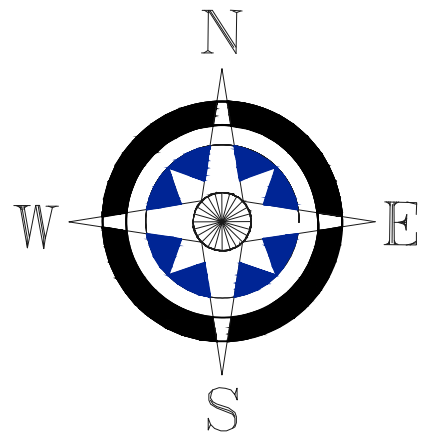


ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA



KEY PLAN

NOTES

- ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED..
- ALL COORDINATE ARE IN METERS AND COORDINATE SYSTEM IS LO25 TRANSVERSE MERCATOR HARTEBEEDTHOEK94 (HBK94).
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE RELEVANT REFERENCE DRAWINGS. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF ENGINEER BEFORE COMMENCING WORKS.
- ELEVATION MARKING REPRESENTS THE ELEVATION OF FINISHED COMPLETED BUILDING SURFACE.
- AT THE JUNCTION OF THE DIFFERENT MATERIALS ON THE WALL, ANTI-CRACKING MESH (400mm WIDTH, MESH REF 193) SHOULD BE SET WHILE PLASTERING TO PREVENT CRACKING.
- INTERIOR PLASTERING, THE CORNER OF THE WALL/ COLUMN/ DOOR & ETC SHALL BE DONE WITH 1:3 CEMENT SAND MORTAR MIX. PLASTERED CORNERS TO BE SLIGHTLY ROUNDED TO AVOID SHARPNESS.
- FOR DRAINAGE REFER TO THE ROOF LAYOUT PLAN.
- MARBLE SILL (300x30mm) TO BE SET UNDER THE EXTERNAL WALL WINDOW SILL WITH WATER DROP AT OUTER SIDE, AND THE FULL-LENGTH RCC LINTEL IS SET ABOVE ALL WALL WINDOWS AND DOORS.
- RCC LINTEL SHALL BE INSTALLED ON TOP OF ALL THE OPENINGS IN THE WALL.
- FINISHING WORK SHALL INCLUDE SURFACE PRE-CLEANING PREPARATION, APPLICATION OF THE FINISH POLISHING AND CLEANING AT THE END OF FINISHED WORKS.
- ALL THICKER WALLS SHALL BE 220mm THICK BRICK MASONRY AND ALL THINNER WALLS SHALL BE 110mm THICK BRICK MASONRY, AS SHOWN IN THE LAYOUT. ALL BRICK WALLS SHALL BE BEDDED IN CEMENT-SAND MORTAR MIX OF (1:4) AND LEFT FOR PLASTERING AND PAINTING.
- FOR ALL EXTERIOR ENVELOPE WALLS FACE BRICKS SHALL BE USED.
- BUILDING ROOF SHALL BE WOODEN TRUSS CONFIGURATION AND TO BE SUPPLIED BY VENDOR IN ACCORDANCE WITH SANS10400 PART L.
- ALL WOOD WORKS SHALL BE TREATED FOR TERMITE PROTECTION.
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE TO BEST QUALITY PRACTICES AND IN GENERAL SHOULD COMPLY WITH LOCAL STANDARDS SANS10400.
- WHERE APPLICABLE AND INDICATED IN DRAWINGS CONCRETE SHALL BE MINIMUM C20.
- THE INDICATED DIMENSION MAY SLIGHTLY VARY AS PER ACTUAL, OR AS NEEDED TO MEET MINIMUM ROOF INCLINATION ANGLE OF 20°.
- THE INDICATED ROOF SHEET THICKNESS IS MINIMUM THICKNESS, HOWEVER AS PER ACTUAL THIS MAY INCREASE.
- FPL IS CONSIDERED AT 0.00 LEVEL FOR THE PURPOSE OF THIS DRAWING.
- ALL EXTERNAL WALLS SHALL EXTEND TO FULL HEIGHT UPTO BOTTOM OF ROOF METALLIC PLATE TO ENSURE COMPLETE ENCLOSURE.
- ALL INTERNAL WALLS SHALL EXTEND UPTO THE BOTTOM OF ROOF TRUSS BOTTOM CHORD.

LEGENDS

FFL : FINISHED FLOOR LEVEL
TOW : TOP OF WALL
FPL : FINISHED PLATFORM LEVEL
TYP. : TYPICAL
PL : PLINTH LEVEL
DPC : DAMP PROOF COURSE

CONCRETE
COMPACTED EARTH /PLATFORM LAYER
PAVED
COMPACTED FILL
BLINDING CONCRETE
BRICK MASONRY WALL
FACE BRICK

REFERENCE DRAWINGS

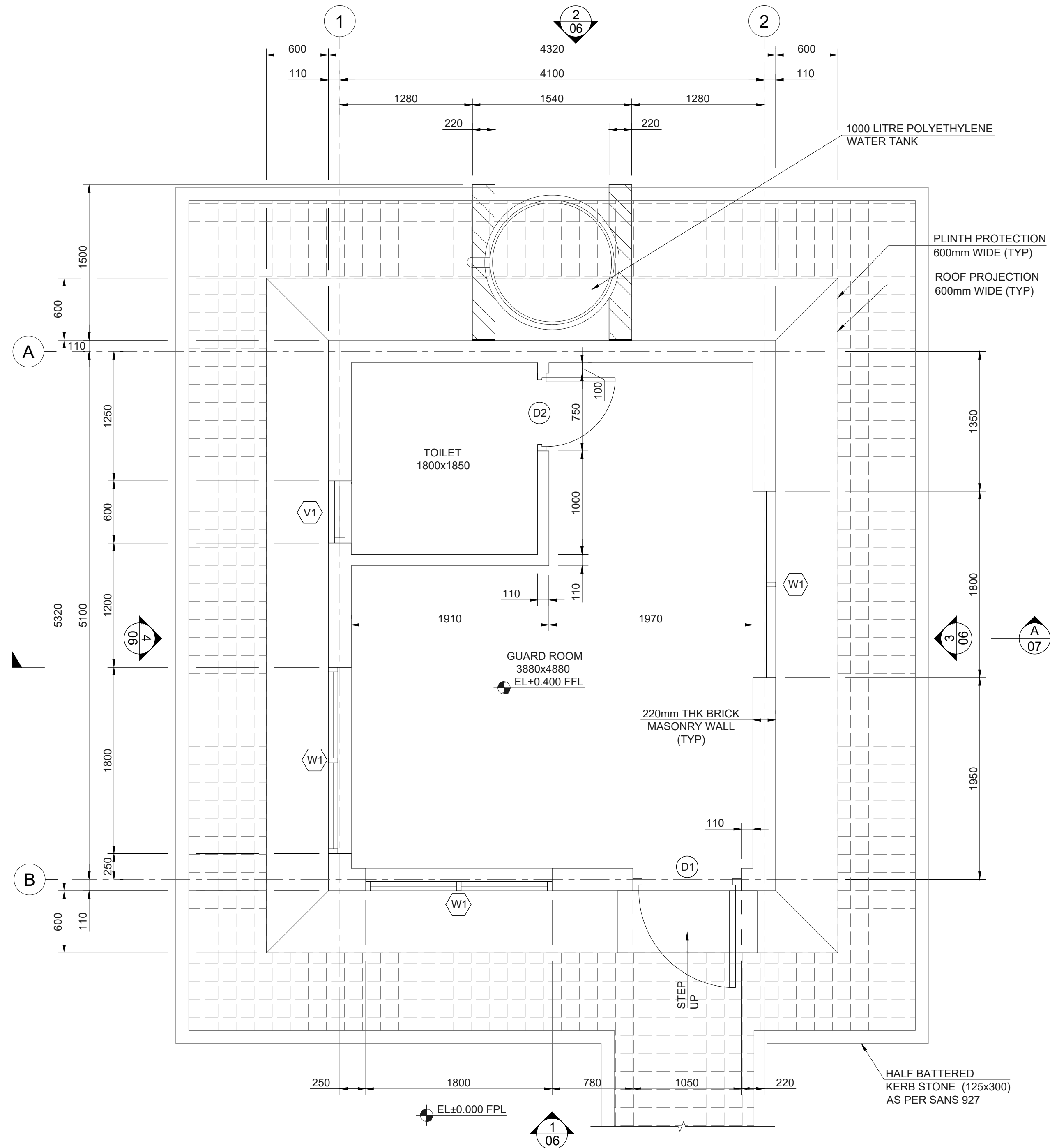
DRAWING TITLE		DRAWING NUMBER
GENERAL LAYOUT OF PV AREA		NSI-MNA-00-ER-DWG-001
INTERNAL ROAD PLAN AND DETAILS FOR PV AREA		NSI-MNA-C1-EC-DWG-004
ACCESS ROAD PLAN AND DETAILS		NSI-MNA-C1-EC-DWG-003
DRAINAGE LAYOUT AND DETAILS		NSI-MNA-C2-EC-DWG-008
FENCE & GATE LAYOUT FOR THE OVERALL PLANT		NSI-MNA-F1-EC-DWG-001
FOUNDATION & STRUCTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA		NSI-MNA-00-ES-DWG-024
MECHANICAL SERVICES PLANS & DETAILS FOR GUARD HOUSE IN PV AREA		NSI-MNA-00-EC-DWG-026
LIGHTING AND POWER LAYOUT FOR GUARD HOUSE		NSI-MNA-E1-EP-DLS-052
LIGHTING AND SMALL POWER PANEL BOARD CIRCUIT SCH.FOR GUARD HOUSE		NSI-MNA-E1-EP-SCH-057

00	I	20-Apr-26	RHK	UMS	ZEE	ZAK	ISSUED FOR APPROVAL		
Rev.	Class	Date	Drwn.	Chkd.	Rvwd.	Aprd.	Description		

CLIENT		OWNER ENGINEER	EPC CONTRACTOR

SIZE	PROJECT:
A1	NOTSI 475MW SOLAR PHOTOVOLTAIC PROJECT
SCALE	DRAWING TITLE:
1:100	ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA
SHEET NO.	
02/09	

PROFESSIONAL ENGINEER:		NAME		NUMBER		
		V.SIBOIBOI		202001487		
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.
NSI	MNA	00	EA	DWG	023	00

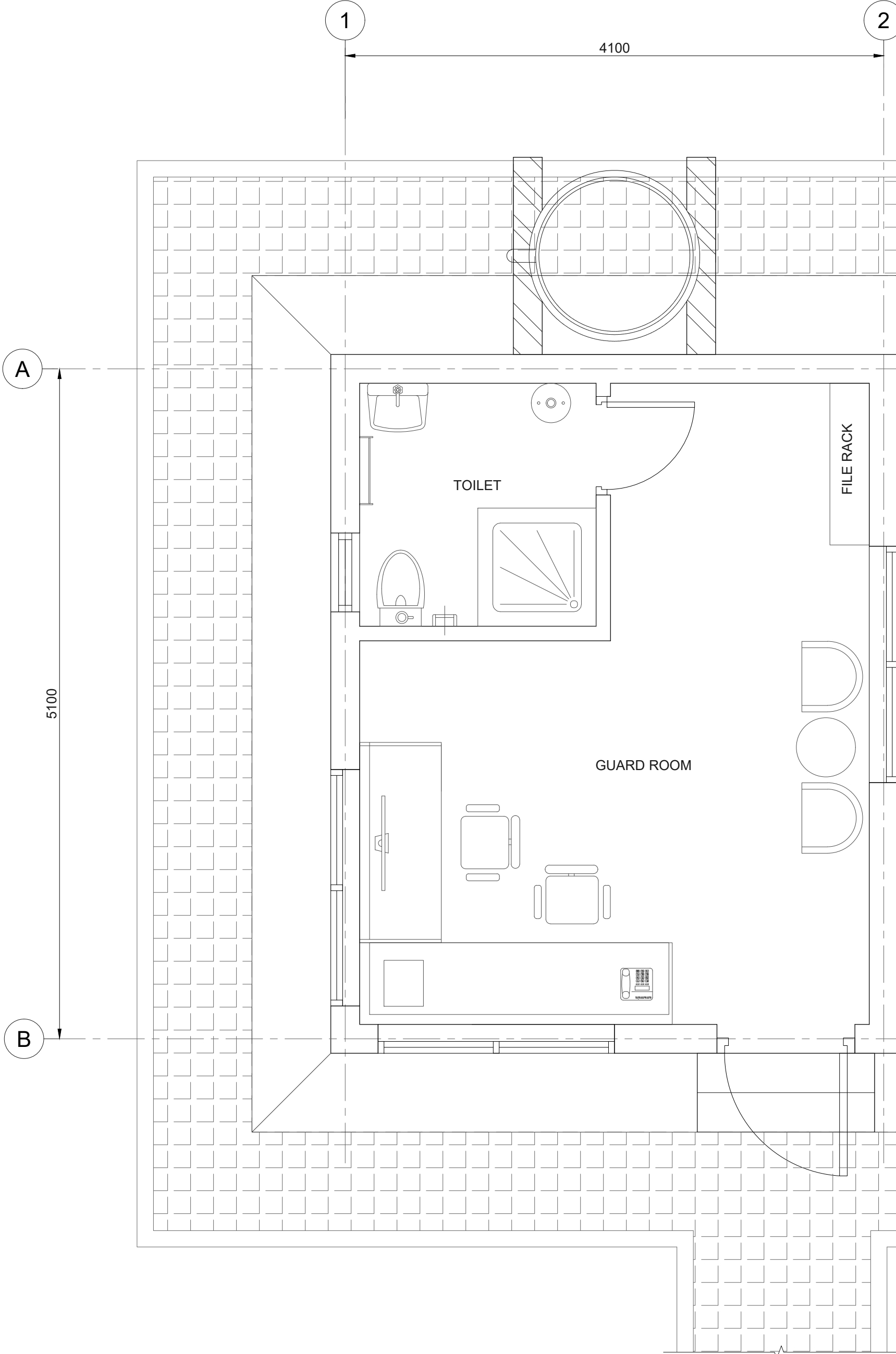


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- | 00 | I | 20-Apr-26 | RHK | UMS | ZEE | ZAK | ISSUED FOR APPROVAL | | |
|------|-------|-----------|-------|-----------------|-------|-------|---------------------|--|--|
| Rev. | Class | Date | Drwn. | Chkd. | Rvwd. | Aprd. | Description | | |
| | | | CIENT | -OWNER ENGINEER | | | EDC CONTRACTOR | | |

SIZE	PROJECT:
A1	NOTSI 475MW SOLAR PHOTOVOLTAIC PROJECT
SCALE	DRAWING TITLE:
1:30	ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA
SHEET NO.	
03/09	

PROFESSIONAL ENGINEER:	NAME			NUMBER		
	V.SIBOIBOI 			202001487		
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.
NSI	MNA	00	EA	DWG	023	00

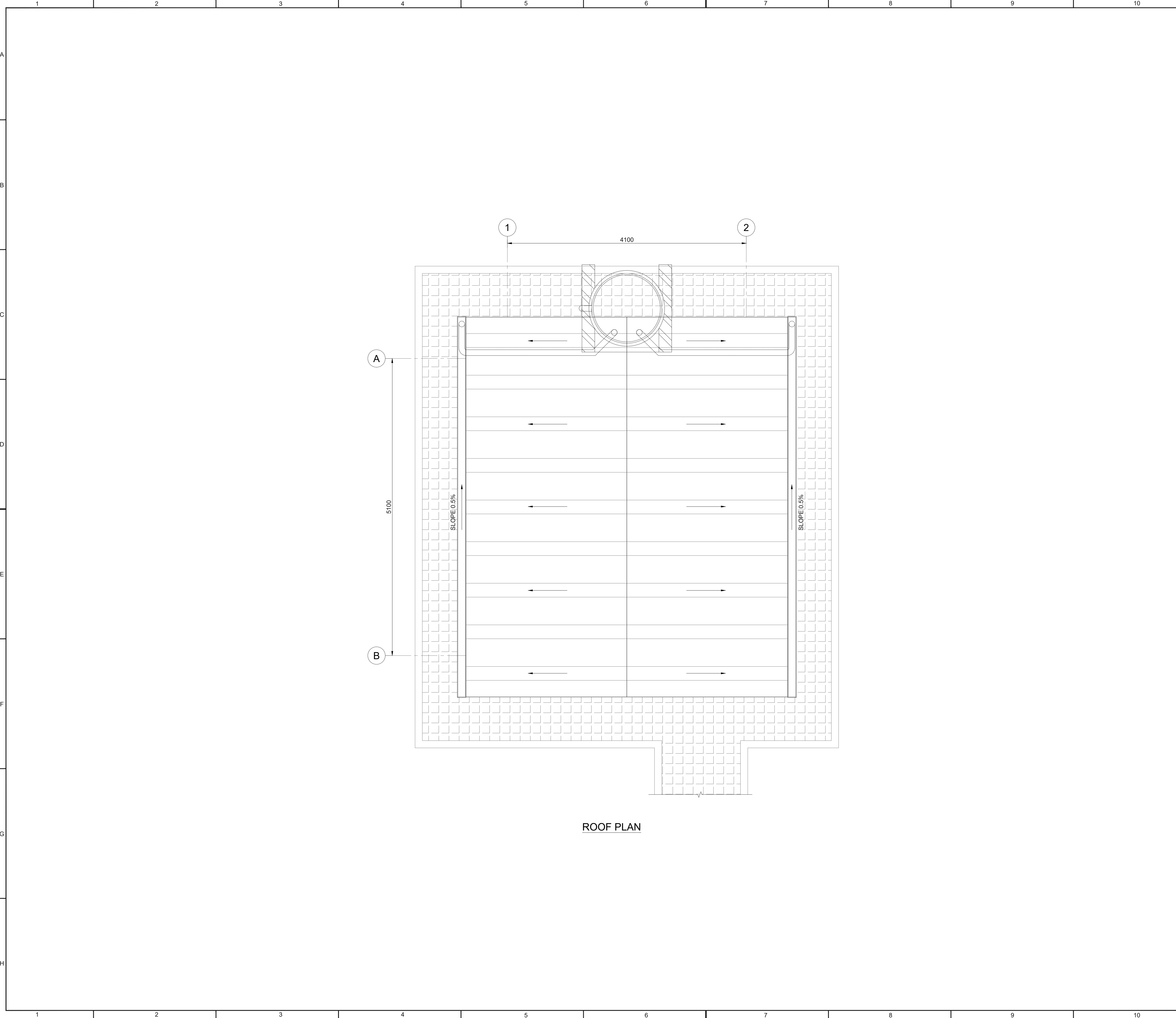


FURNITURE LAYOUT PLAN

NOTES

1. FOR NOTES, LEGENDS & REFERENCE DRAWINGS REFER
(NSI-MNA-00-EA-DWG-023_SHEET- 02/09)

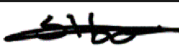
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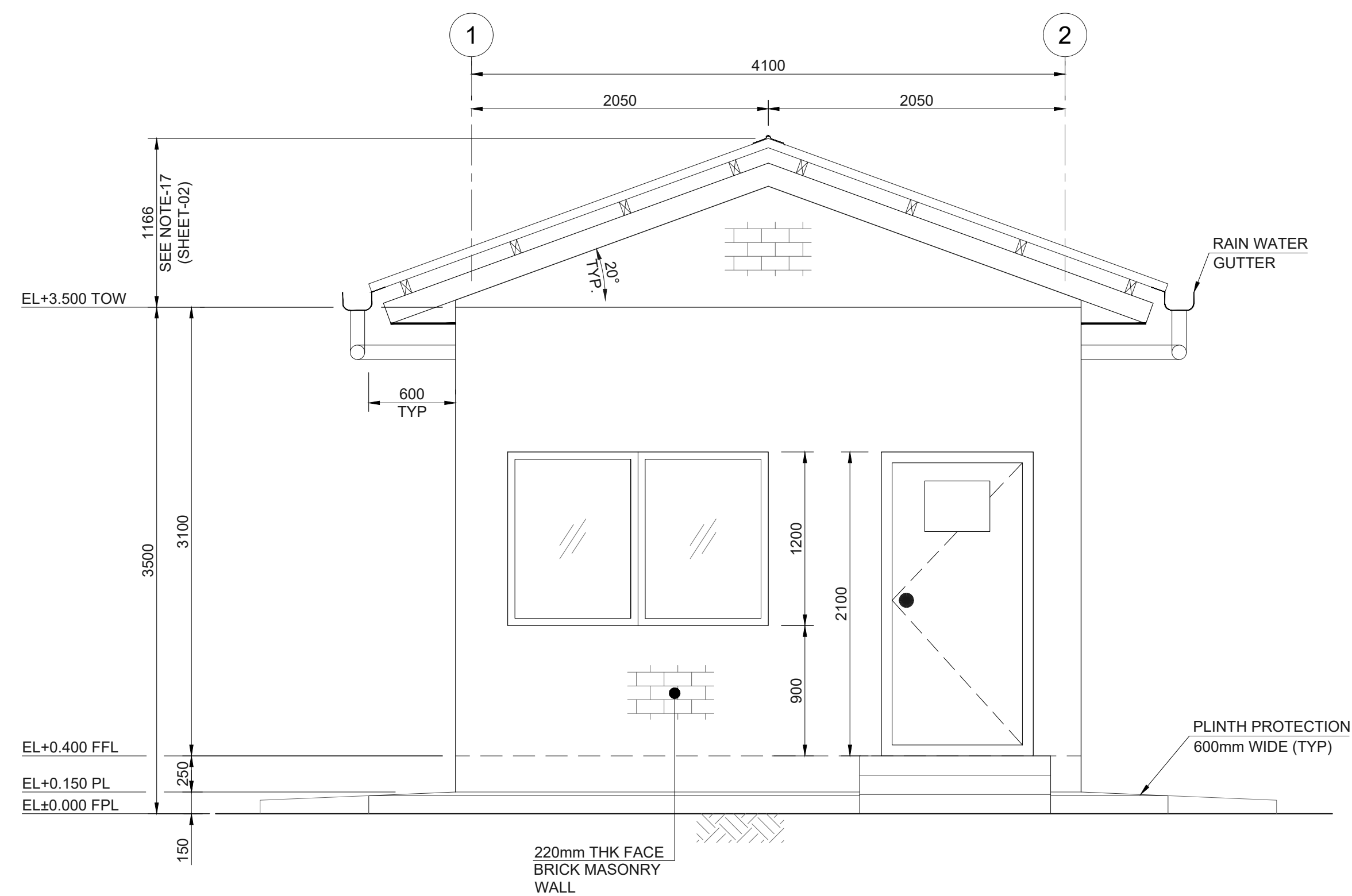


ROOF PLAN

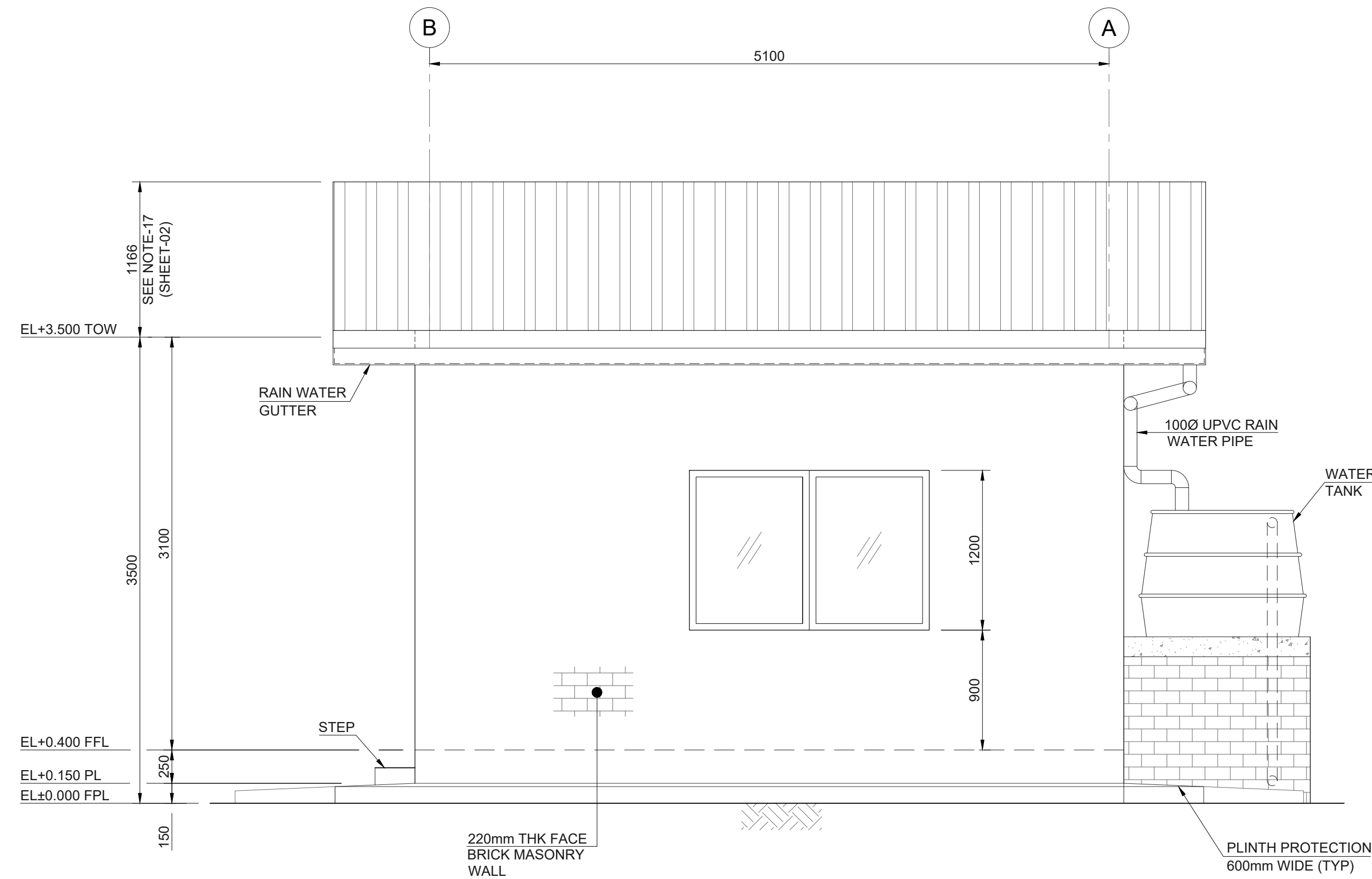
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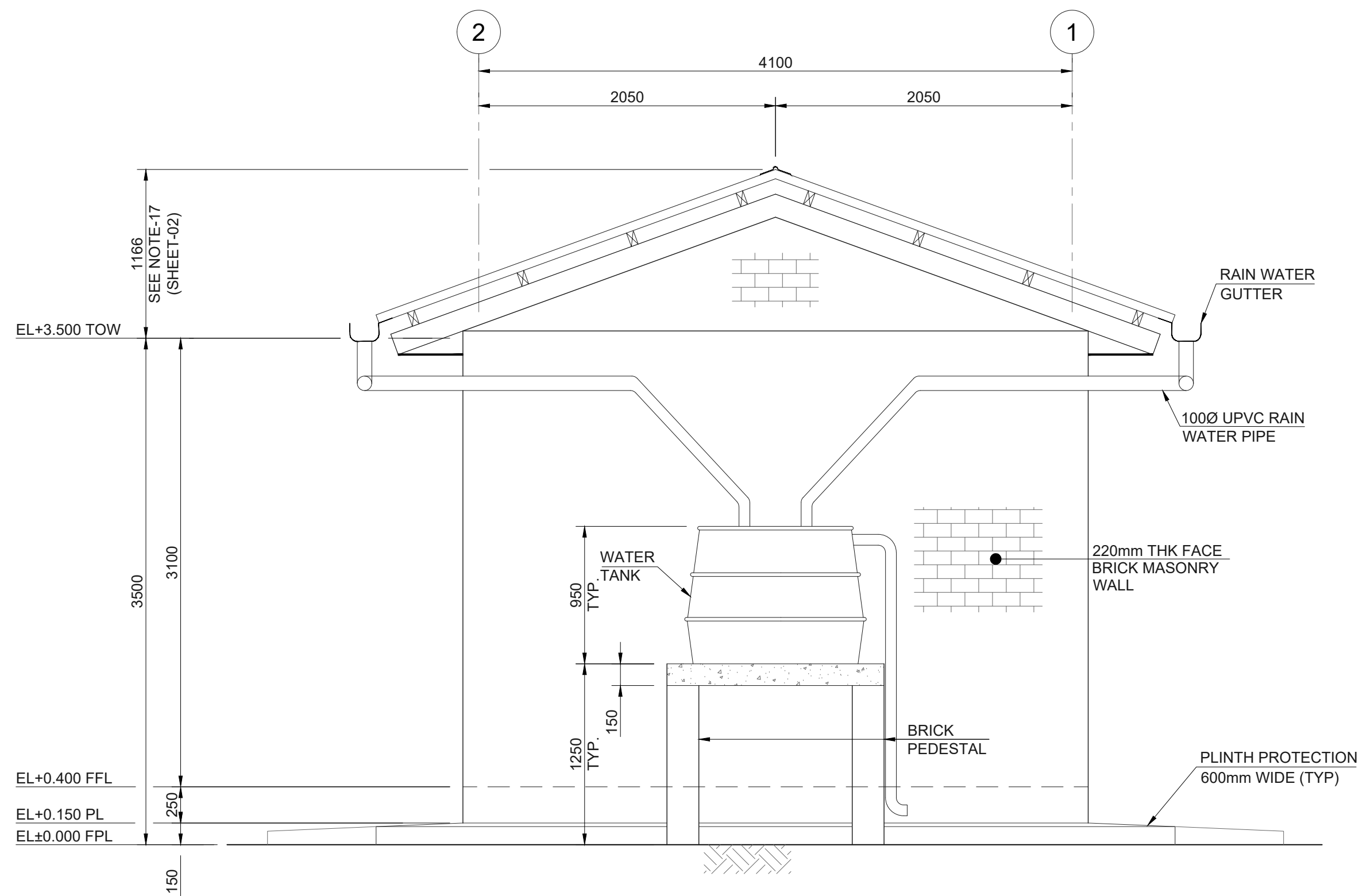
									
00	I	20-Apr-26	RHK	UMS	ZEE	ZAK	ISSUED FOR APPROVAL		
Rev.	Class	Date	Drwn.	Chkd.	Rvwd.	Aprd.	Description		
CLIENT			OWNER ENGINEER				EPC CONTRACTOR		
			 An AEL Group Company				 中国电力工程顾问集团西北电力设计研究院有限公司		
SIZE		PROJECT:							
A1		NOTSI 475MW SOLAR PHOTOVOLTAIC PROJECT							
SCALE		DRAWING TITLE:							
1:30		ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA							
SHEET NO.									
05/09									
PROFESSIONAL ENGINEER:			NAME			NUMBER			
			V.SIBOIBOI 			202001487			
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.			
NSI	MNA	00	EA	DWG	023	00			



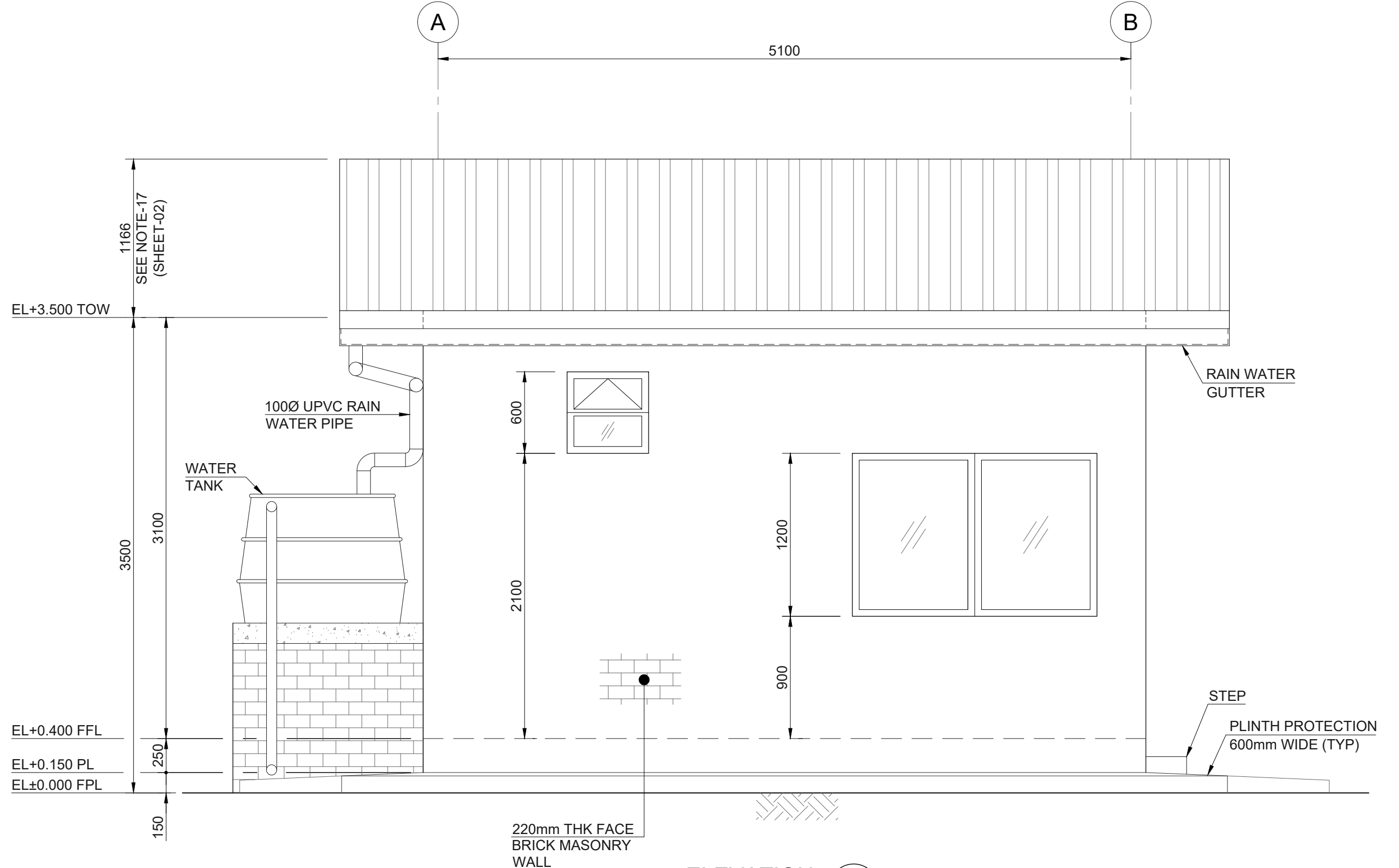
ELEVATION 1
03



ELEVATION 3
03



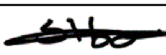
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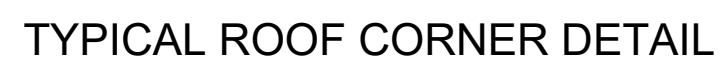


ELEVATION 4
03

NOTES

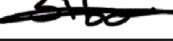
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(NSI-MNA-00-EA-DWG-023_SHEET- 02/09)

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Rev.	Class	Date	Drwn.	Chkd.	Rvwd.	Aprd.	Description
CLIENT			OWNER ENGINEER			EPC CONTRACTOR	
			 AN AEL Group Company			 CNWE 中国电力工程国际有限公司 CHINA NUCLEAR WORLDWIDE ENGINEERING CO., LTD. 中国电力工程国际有限公司电力设计技术服务有限公司	
SIZE		PROJECT:					
A1		NOTIS 475MW SOLAR PHOTOVOLTAIC PROJECT					
SCALE		DRAWING TITLE:					
1:30		ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA					
SHEET NO.							
06/09							
PROFESSIONAL ENGINEER:			NAME			NUMBER	
			V.SIBOIBOI 			202001487	
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.	
NSI	MNA	00	EA	DWG	023	00	



NOTES

1. FOR NOTES, LEGENDS & REFERENCE DRAWINGS REFER
(NSI-MNA-00-EA-DWG-023 SHEET- 02/09)

00	I	20-Apr-26	RHK	UMS	ZEE	ZAK	ISSUED FOR APPROVAL					
Rev.	Class	Date	Drwn.	Chkd.	Rvwd.	Appr.	Description					
CLIENT							OWNER ENGINEER			EPC CONTRACTOR		
			 An AEL Group Company			 CNWE 中国电力工程集团北方设计院有限公司 CHINA NORTH ELECTRIC POWER GROUP DESIGN INSTITUTE CO., LTD.						
SIZE		PROJECT:										
A1		NOTSI 475MW SOLAR PHOTOVOLTAIC PROJECT										
SCALE		DRAWING TITLE:										
1:30		ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA										
SHEET NO.												
07/09												
PROFESSIONAL ENGINEER:			NAME				NUMBER					
			V.SIBOIBOI 				202001487					
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.						
NSI	MNA	00	EA	DWG	023	00						

WINDOW DIMENSIONS		
ITEM:	(W1)	(V1)
FRAME TYPE:	ALUMINUM	ALUMINUM
NUMBER:	03	01
LOCATION:	GUARD HOUSE	TOILET
PANEL:	CLEAR GLASS 5mm	CLEAR GLASS 5mm
OPENING TYPE:	WITH LOCK & HANDLE SINGLE WING SLIDING	LOWER HALF: UPPER HALF: SINGLE SWING PANEL FIXED PANEL TO OUT SIDE
GRATING TYPE:	12mm@125 SQUARE ROD STEEL	12mm@125 SQUARE ROD STEEL
MOSQUITO NET:	MOSQUITO NET	MOSQUITO NET



NOTES							
1. FOR NOTES, LEGENDS & REFERENCE DRAWINGS REFER (NSI-MNA-00-EA-DWG-023_SHEET- 02/09)							

00	I	20-Apr-26	RHK	UMS	ZEE	ZAK	ISSUED FOR APPROVAL
Rev.	Class	Date	Drwn.	Chkd.	Rvwd.	Aprd.	Description
CLIENT			OWNER ENGINEER			EPC CONTRACTOR	
						 中国电力工程顾问集团西北电力设计研究院有限公司	
SIZE		PROJECT:					
A1		NOTSI 475MW SOLAR PHOTOVOLTAIC PROJECT					
SCALE		DRAWING TITLE:					
1:30		ARCHITECTURAL PLANS & DETAILS FOR GUARD HOUSE IN PV AREA					
SHEET NO.							
09/09							
PROFESSIONAL ENGINEER:			NAME			NUMBER	
			V.SIBOIBOI			202001487	
PROJECT	ISSUER	AREA	DISCIPLINE	TYPE	SEQUENCE	REV. NO.	
NSI	MNA	00	EA	DWG	023	00	