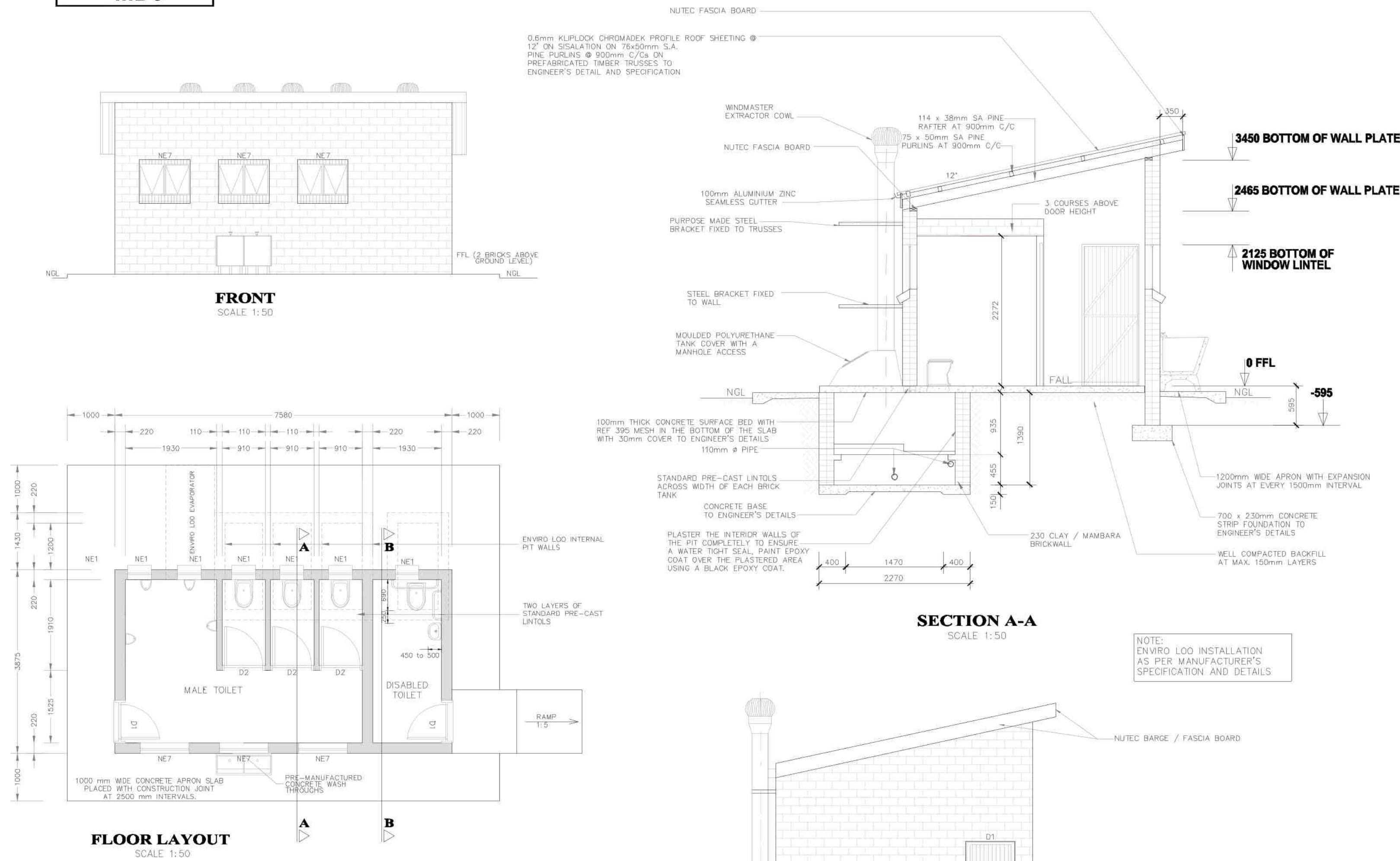
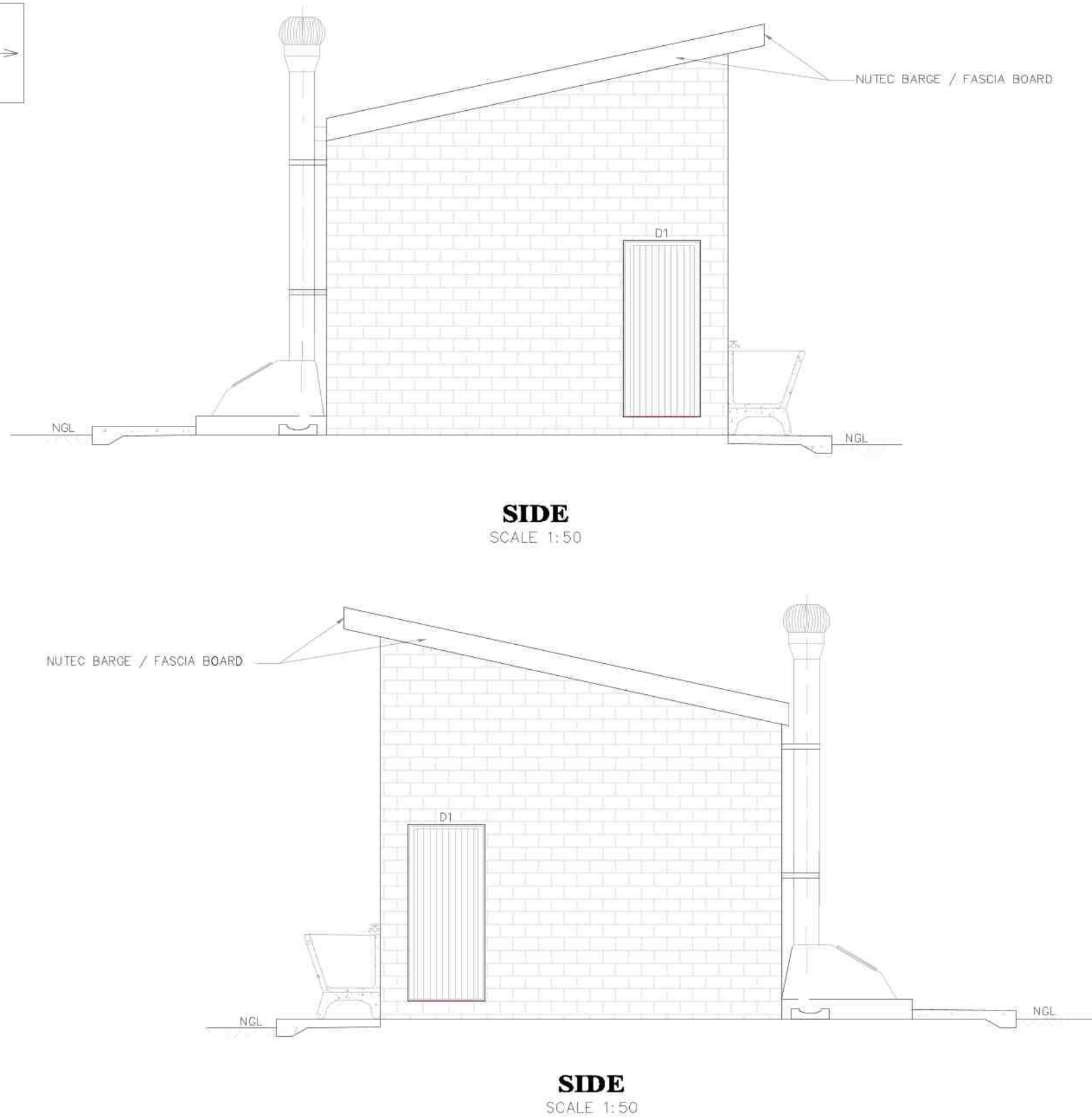
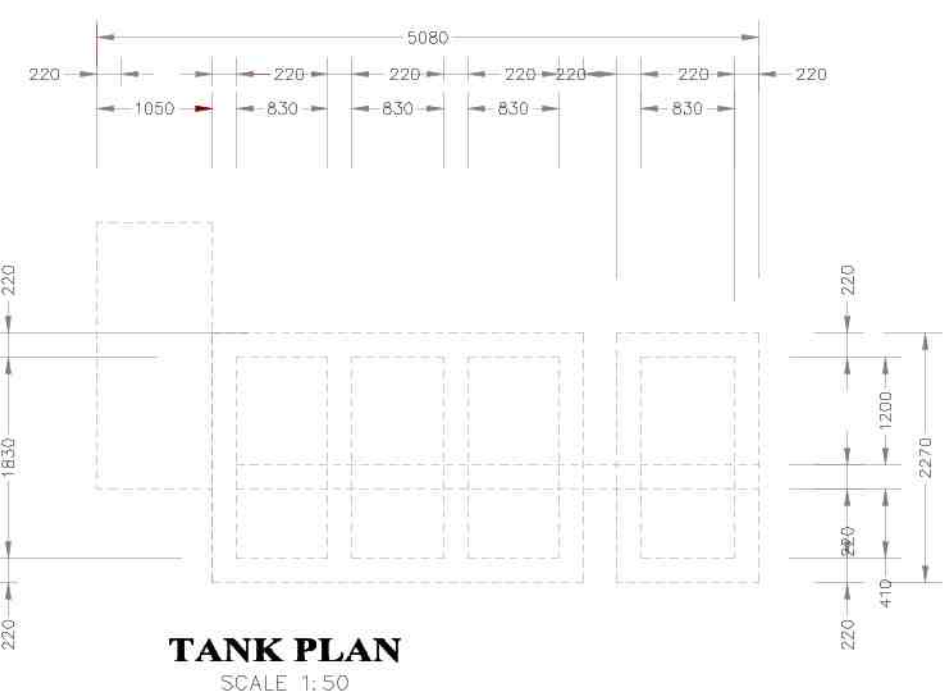
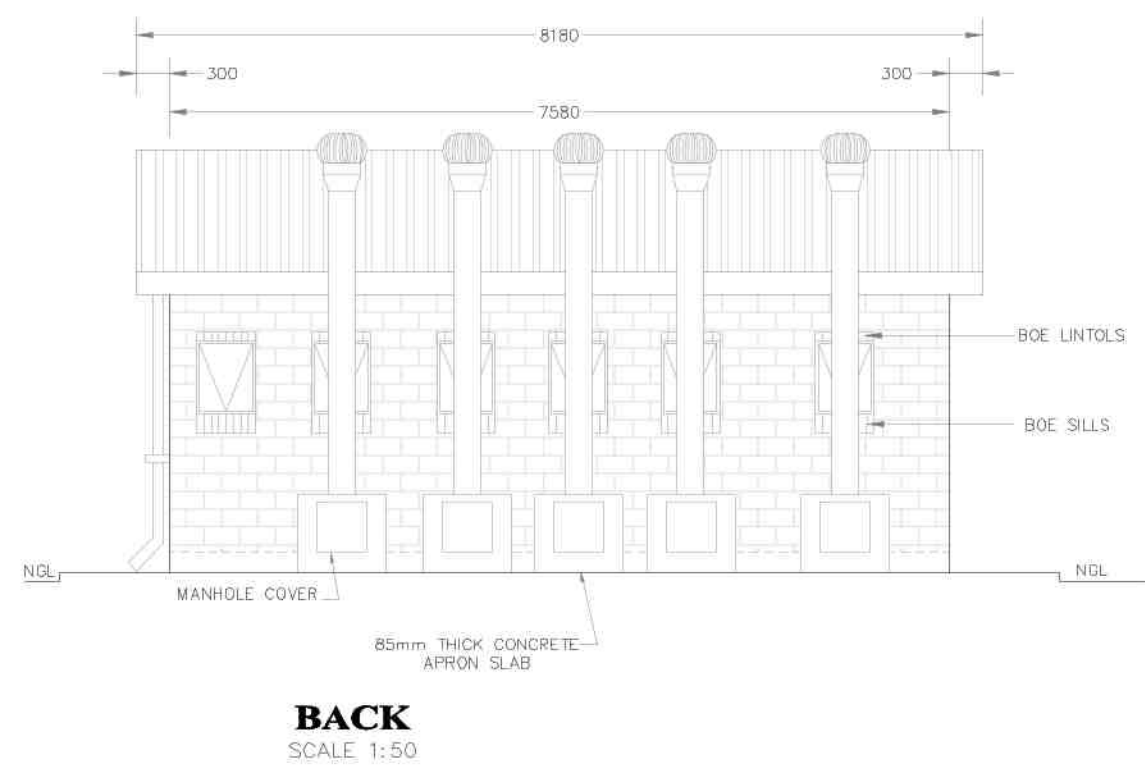


MD3

FLOOR LAYOUT
SCALE 1:50

GENERAL NOTES:

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS 0400 OF 1990
- CONTRACTOR TO READ ONLY FIGURED DIMENSION
- CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK.

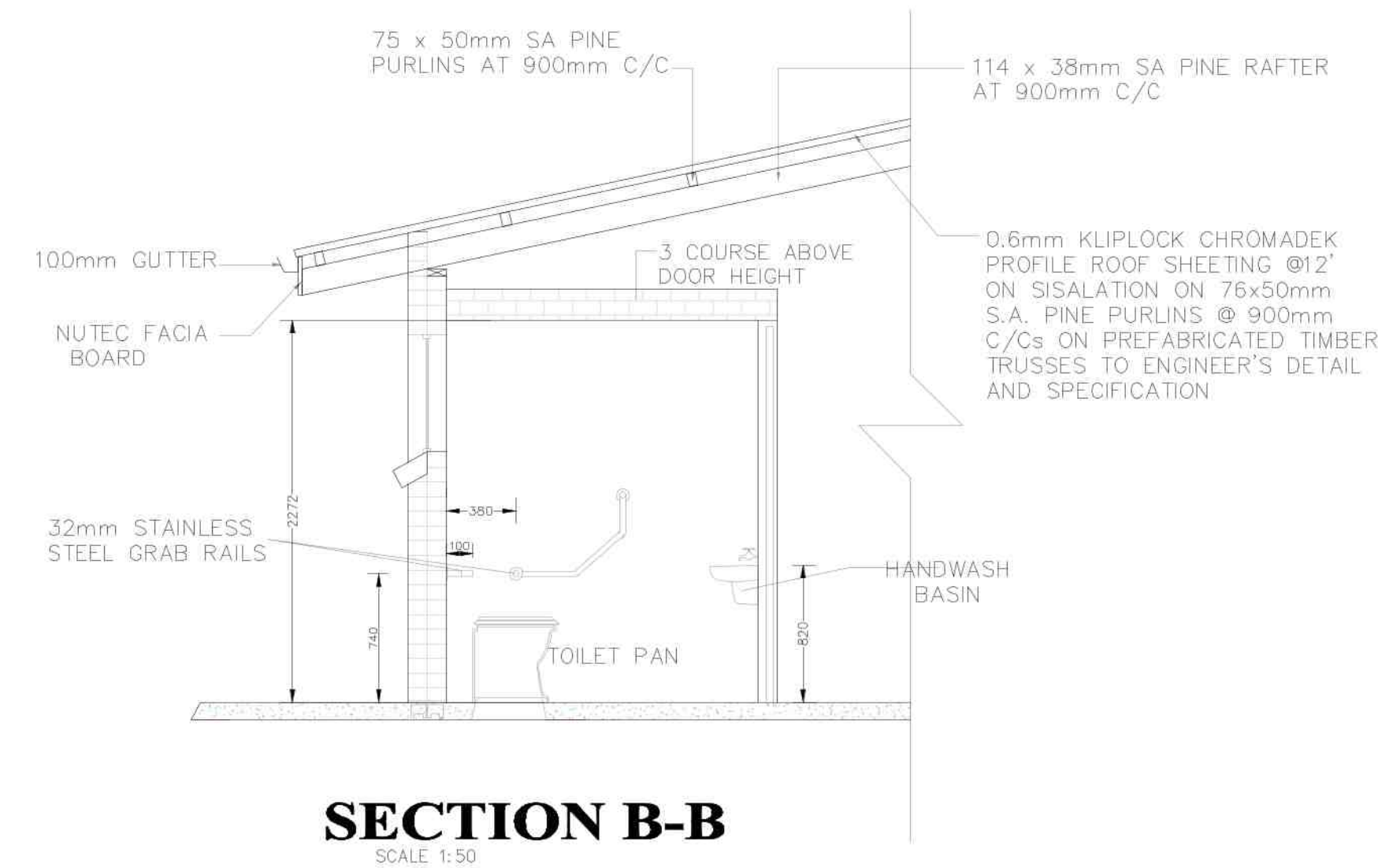
WINDOW SCHEDULE	
WINDOW NO.	NE7
CATALOGUE	NE7
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	3

WINDOW SCHEDULE	
WINDOW NO.	NE1
CATALOGUE	NE1
FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	6

ENTRANCE DOOR	
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOOK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK

CUBICLE DOOR	
FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME SIZE 813x3mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS GLOSS ENAMEL - COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED EMBRACED DOOR SIZE 813x2032mm (DOOR RAISE BY 150mm TO TOP OF FRAME)
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOOK	TOILET INDICATOR LOCK
IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES

BUGLAR DOOR	
TYPE	G1
POSITION	EXTERNAL TOILET BLOCK
DOOR TYPE	PURPOSE MADE SQUARE HOLLOW SECTION WELD STEEL SECURITY GATE
DOOR FINISH	1/2 COAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERNAL QUALITY)
FRAME	20x38x0.6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH	1/2 COAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERNAL QUALITY)
DOOR	20x38x0.6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATE AT 100mm CENTERS AT 4.45° ANGLE COLOUR TBC
IRONMONGERY	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)



NO.	DATE	REVISION	DRAWN

NOTES AND SPECIFICATIONS:	
GENERAL 1. Use dimensions provided and do not scale drawing. 2. All work to comply with SABS, PW371 and SABS. 3. All dimensions, levels and positions to be verified on site prior to construction. 4. All concrete work to be as per Engineer's details and specifications. 5. All pits to face North. 6. All brickwork have brickface at every 2nd course in pit lining and 3rd course in superstructure.	
PIT EXCAVATION 1. All stages of pit excavation to be inspected and approved by Engineer and signed off. 2. All pit lining to be inspected by EnviroLoos Services before slab casting.	
COMPACTION OF SURFACES All ground surfaces receiving concrete floors / slab should be compacted to 150mm layers 0.3% Moisture/Density before casting concrete.	
CONCRETE WORKS 1. All concrete to be as per Engineer's details and specifications. 2. 25 MPa strength concrete to be used throughout construction. 3. Concrete Mixes Proportions: Concrete Strength at 28 Days 25MPa 1 : 2 : 2 (by volume) bag cement : 0.08m³ Sand : 0.08m³ Stone (Volume/Bag) 385 kg cement : 820 kg sand : 950 kg stone (Mass/m³) 3. Pre-cast concrete lintels to be used as support under top slab of pit. 4. All concrete aprons to be 1000mm wide.	
MORTAR Mixed proportions to be: 1 cement : 3 sand (i.e.1 bag cement + 3 wheelbarrows (37 litres) sand)	
BRICKWORK Sub-structure 1. All pit lining / foundation brickwork to be solid NFP clay brick. 2. All internal surface of pit lining to be painted with two coats black epoxy paint installing Enviro-Loo units. Super-structure 1. All external walls / partitions to be of clay face brick to SABS quality. 2. All cubicle partition walls to be 3 courses above door height. 3. All brickwork above door openings should have brickface on every course at least 3 courses. 4. All bricks: Standard 230x125mm terra-cotta vitrified poured or grating to be used above all window openings.	
ROOF SHEETING 1. 0.6mm Alupack chromadek roof sheeting	
ROOF TIMBER / CEILING 1. All roof timbers to be machined SABS treated wood with three coats of approved wood preservative. 2. Timber connections (Hurricane Clips) are required all interconnections between timber rafters and purlins. 3. Sialation is to be applied interval under all roof surfaces.	
METALWORK 1. All metalwork should be primed before installation. 2. All steel window should have 6x20mm flat bar burglar proofing.	
PLUMBING 1. Double concrete wash trough to be used. 2. All wash troughs should be connected to the school's water supply system and the waste water should be piped to a soakaway. 3. The soakaway should be as per Engineer's detail and position to be determined on site. 4. Only 20mm and galvanized pipework should be used as connection from wall to the discharge points.	
GLAZING 1. 6.28mm obscure safety glass.	
PAINTING 1. All paintwork to comply with SABS and PW371 specification. 2. All steel window and door frames including doors and fascias / barge boards to be discharge points.	

CONSULTANTS



HIGH TEMPO INVESTMENT PTY LTD,
HOUSE 12, CYCAD STREET,
TZANEEN
Email : Hlaisit@gmail.com

	SIGNATURE	DATE	SHEET SIZE A1
DESIGNED	MAWANDE MDLULI	26-5-2021	SCALE AS SHOWN
DRAWN	MAWANDE MDLULI	26-5-2021	
VERIFIED	TIYANI HLAIISI		STATUS LEGEND 1= INFORMATION 2= CONSTRUCTION 3= AS BUILT
VALIDATED			

IMPLEMENTED BY



SPONSOR



PROJECT
LDoE 2021/22 - Limpopo Department of Education Schools Water and Sanitation Programme - BENSON SHIVITI SCHOOL

PROVINCE: LIMPOPO

DRAWING TITLE

MD3

EMIS NUMBER	DISCIPLINE	DRAWING No.	STATUS	REVISION
	CIVIL ENGINEERING & PROJECT MANAGEMENT	MD3-I		