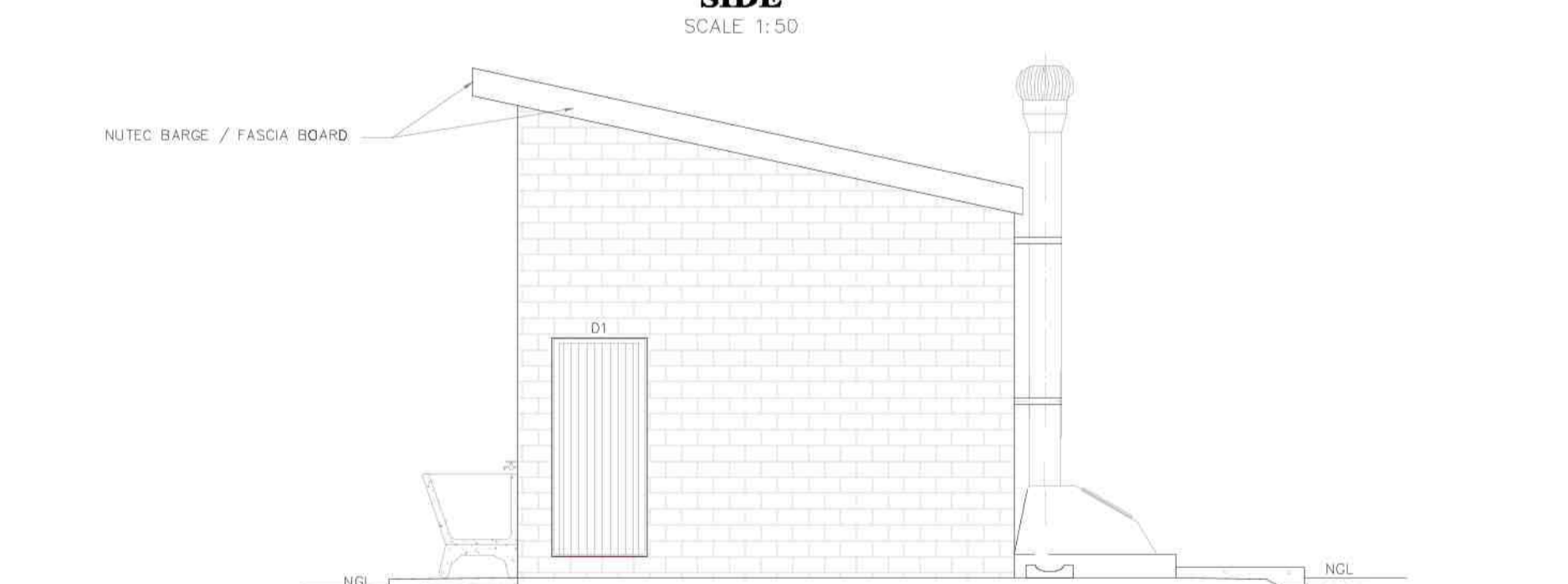
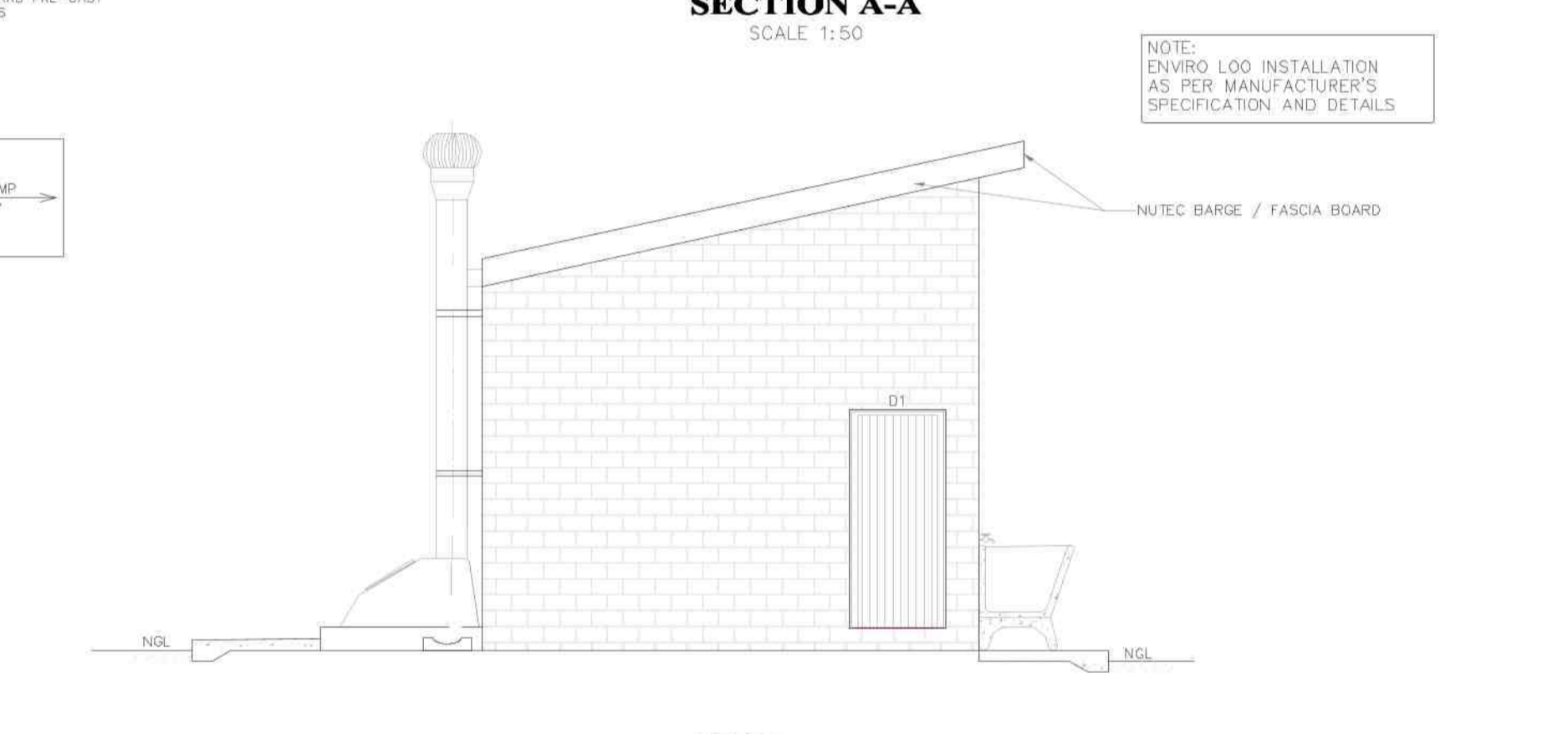
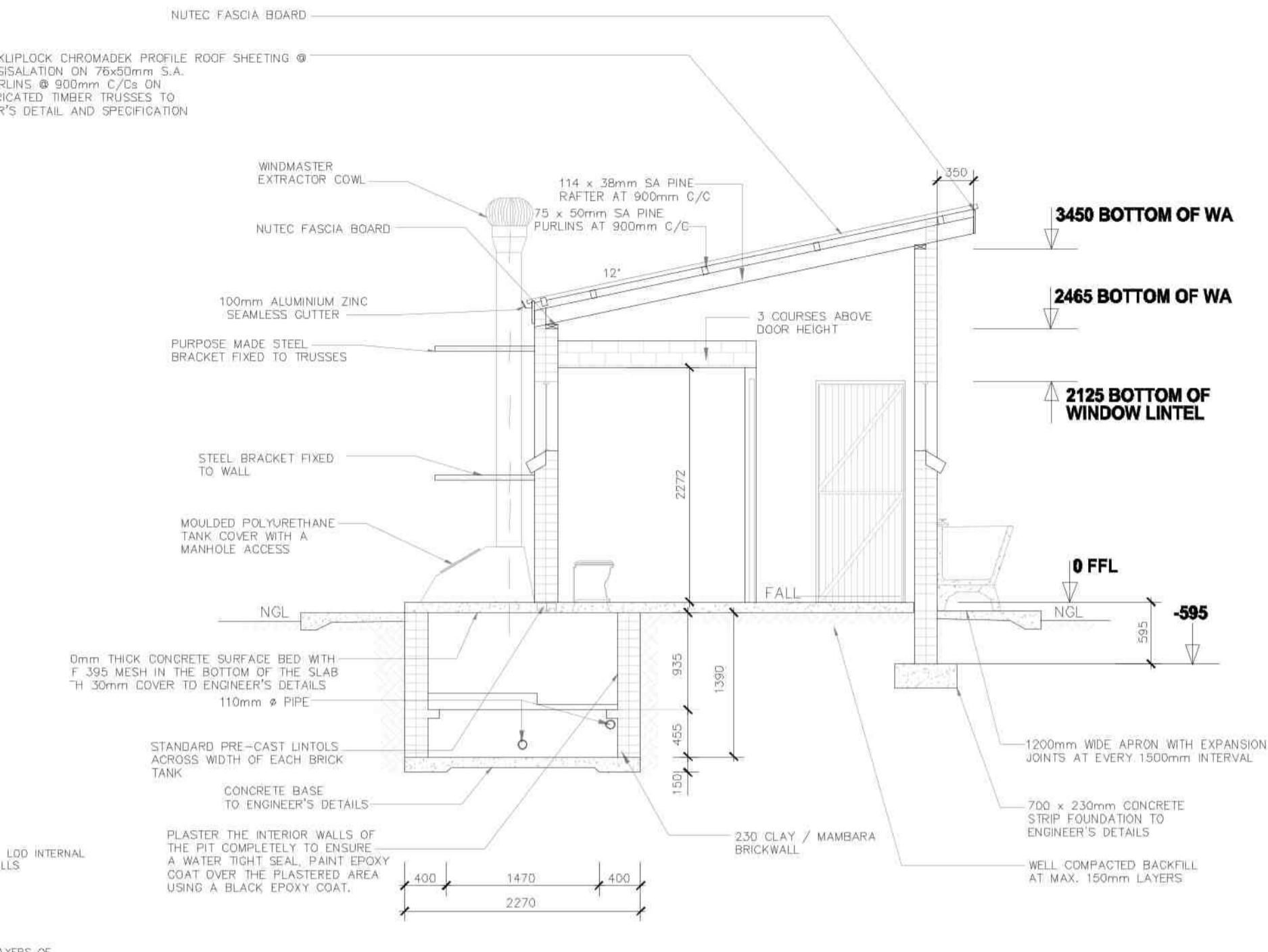
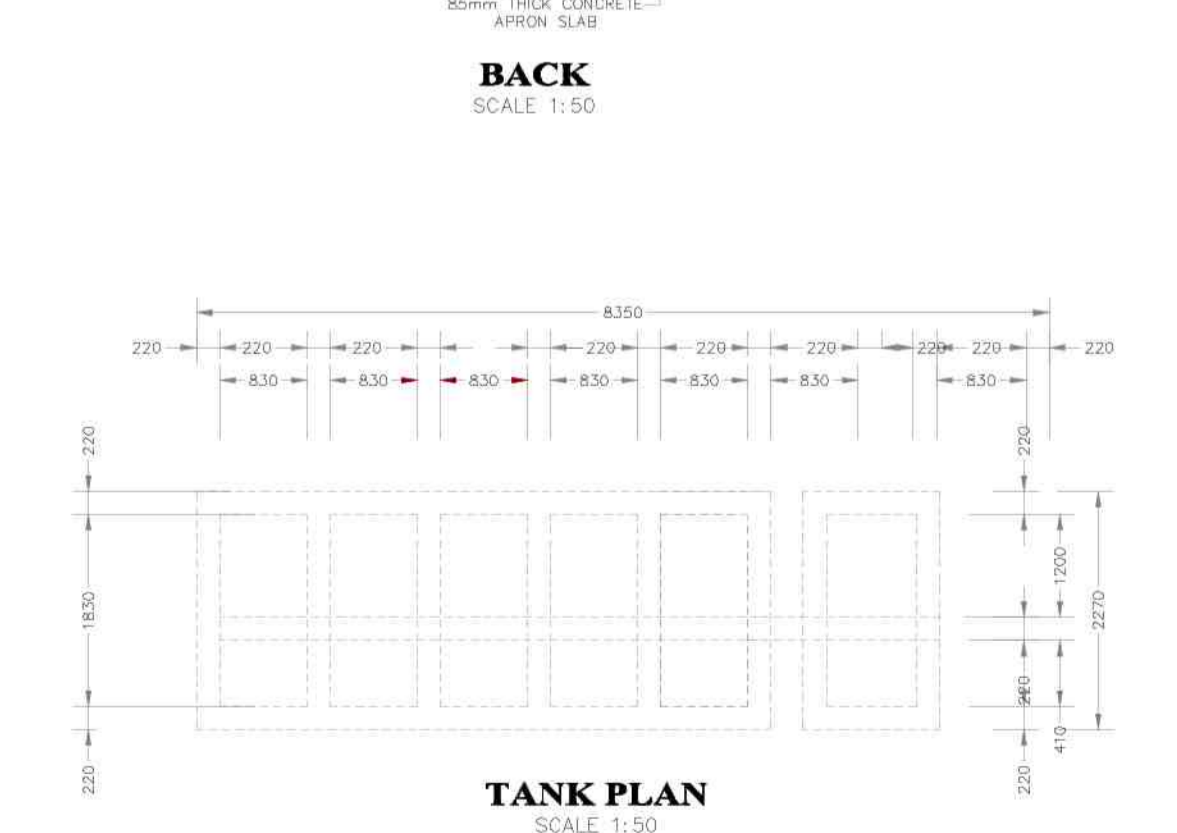
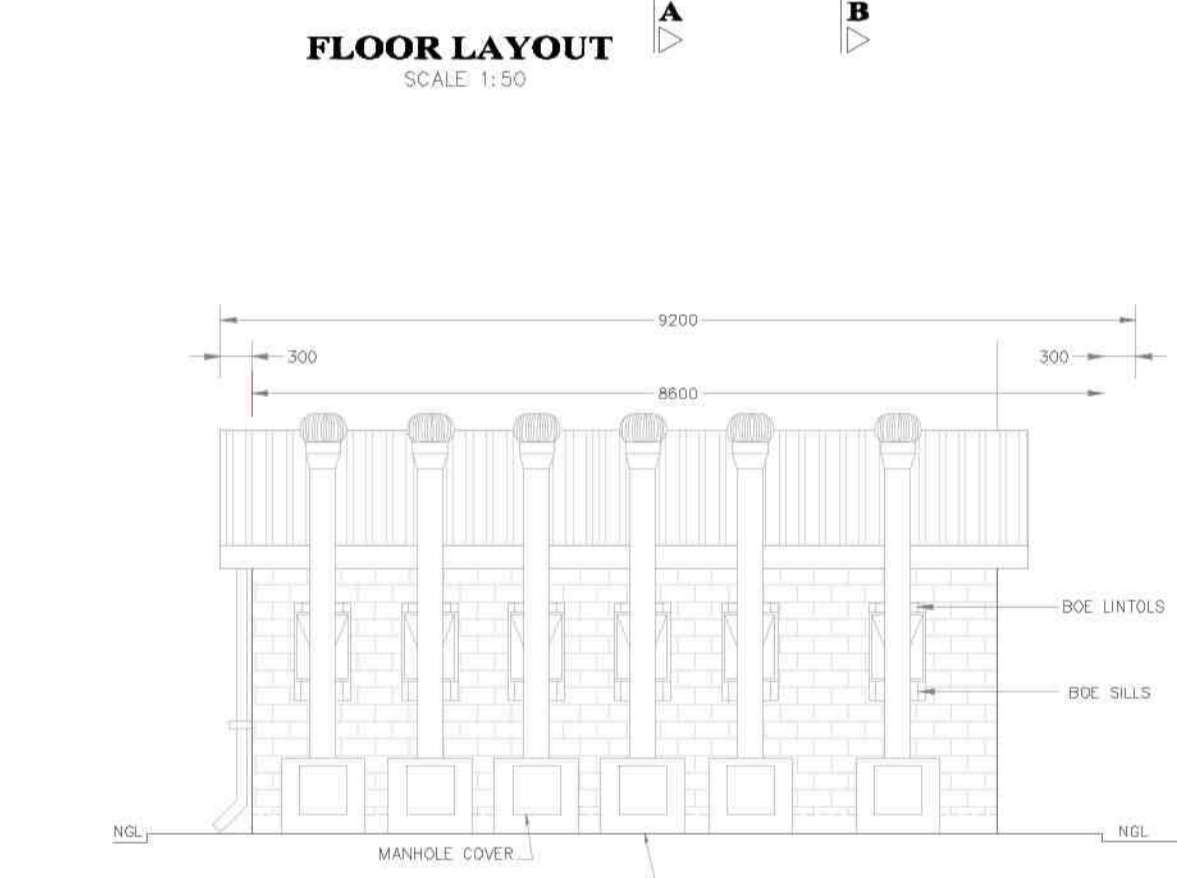
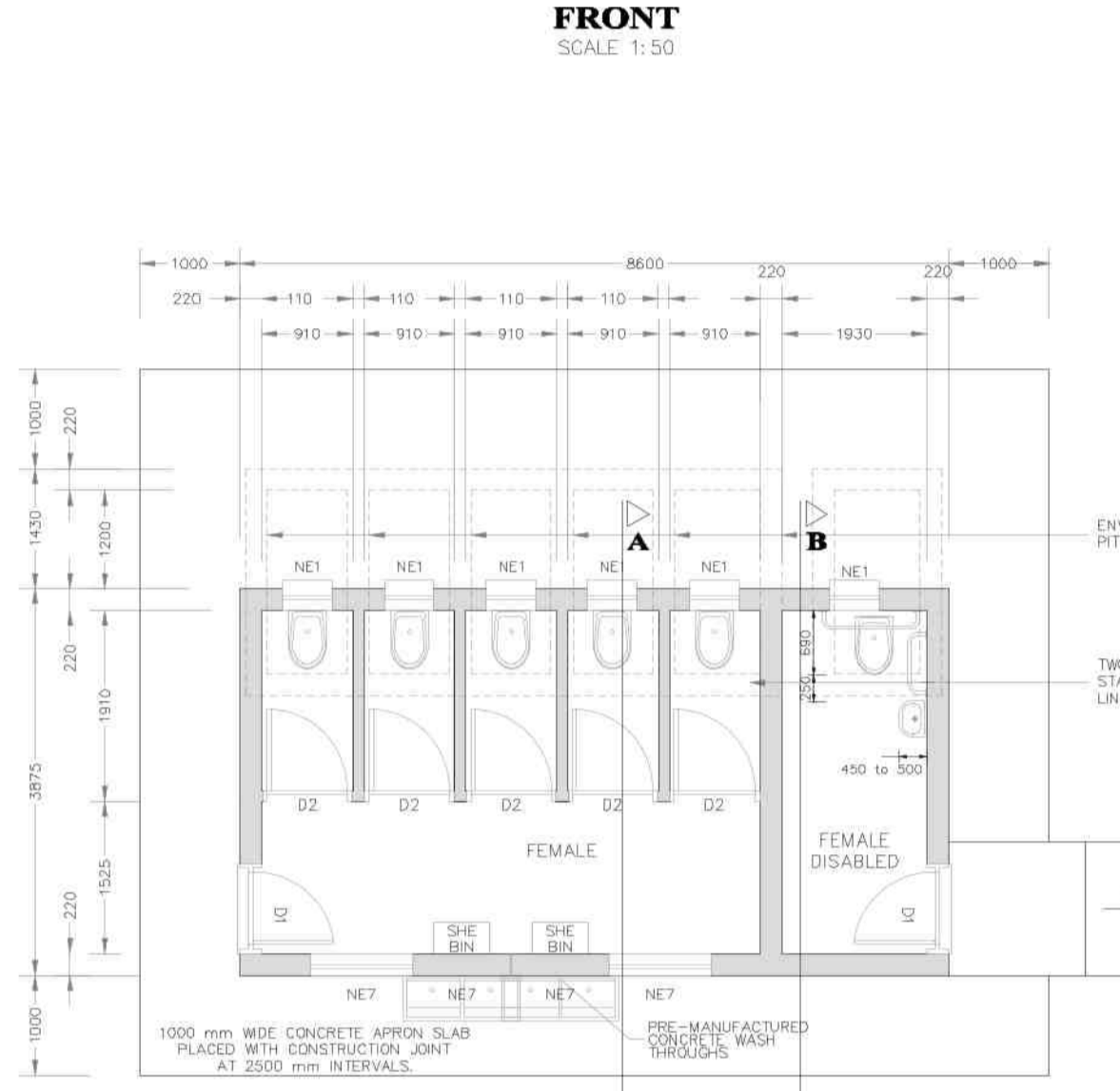
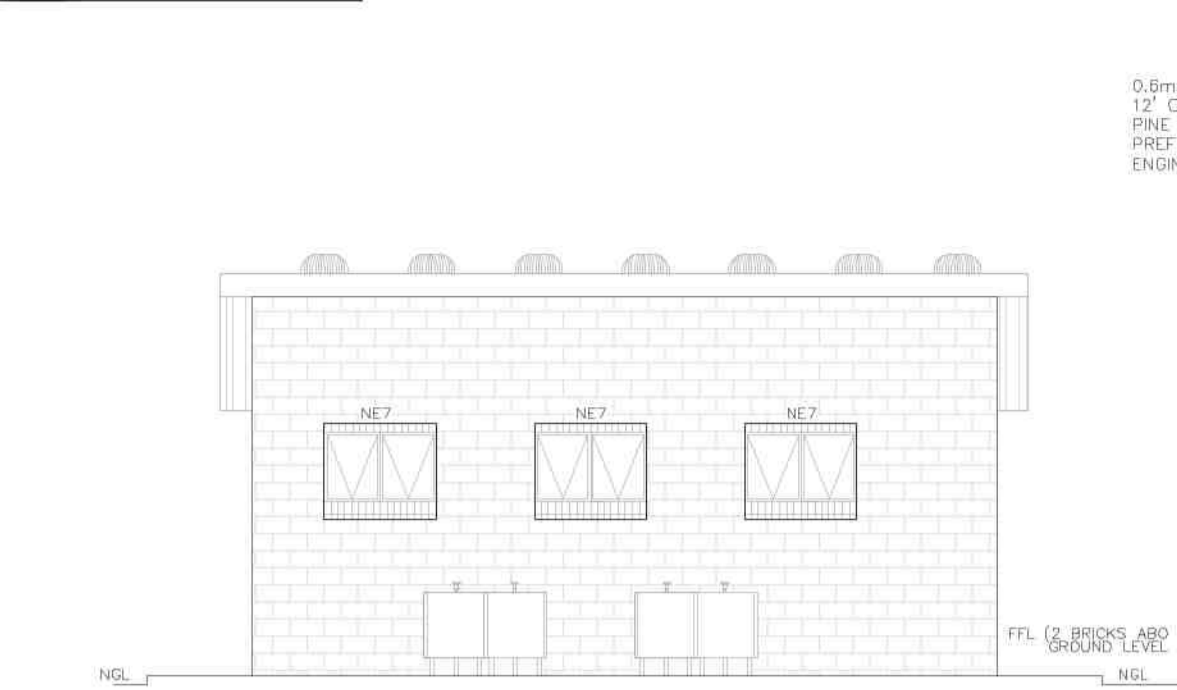


FD5



GENERAL NOTES:

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS D460 OF 1990
- CONTRACTOR TO READ ONLY FIGURED DIMENSION
- CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK.

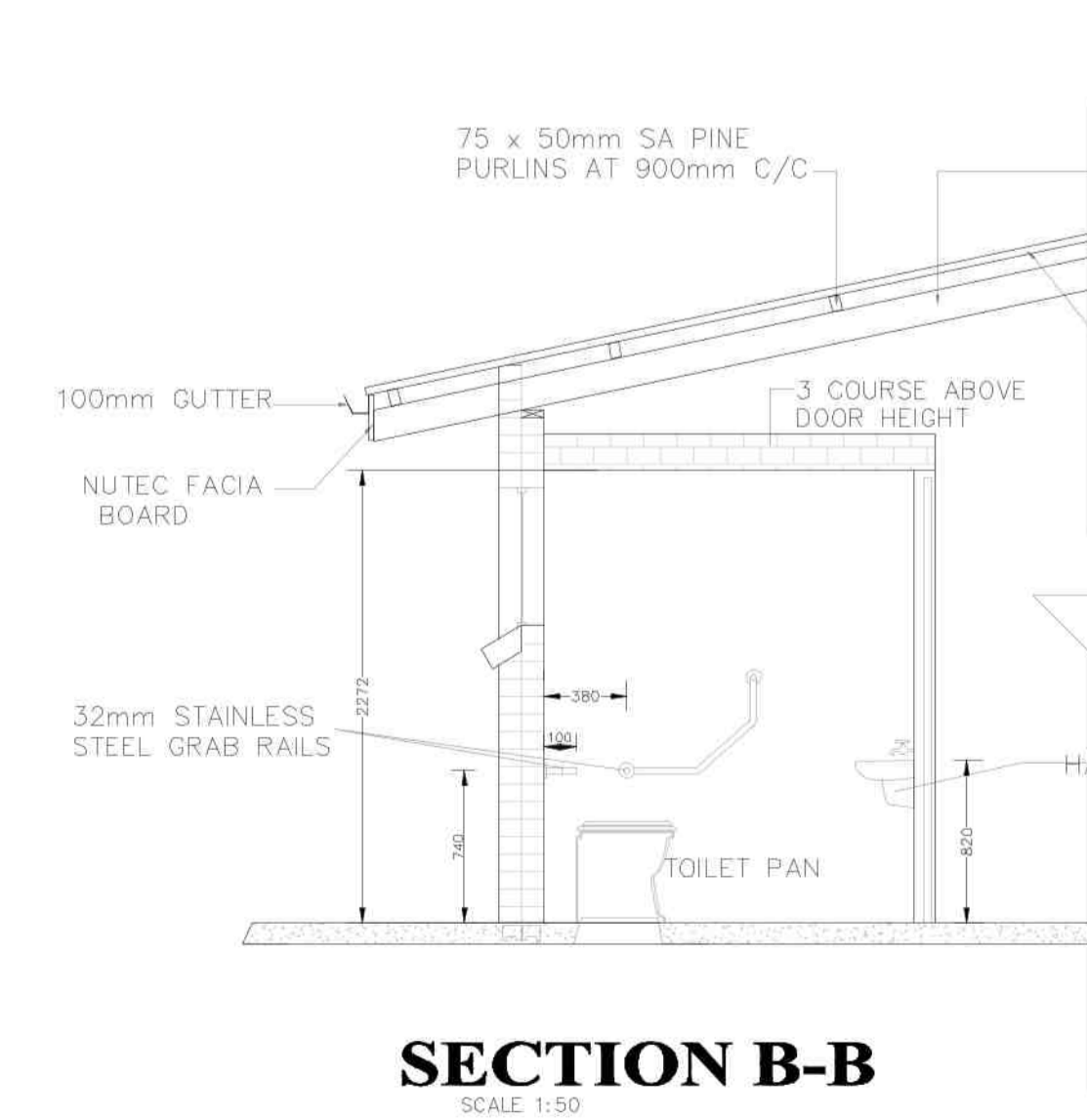
WINDOW SCHEDULE	
WINDOW NO.	NE7
CATALOGUE	NE7
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS SPIN GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS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

WINDOW SCHEDULE	
WINDOW NO.	HI
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 SPIN GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	6

ENTRANCE DOOR	
FRAME TYPE	SINGLE REBAR STEEL FRAME TO FIT 2200mm WALL (D1)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND ZINC PRIMER COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER SIP
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
IRONWORKERY	100mm BRACE CABIN HOOK

CUBICLE DOOR	
FRAME TYPE	SINGLE REBAR STEEL DOOR FRAME TO FIT 2200mm WALL (UNDERCUT TO 1500mm)
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
LOCK	TOILET INDICATOR LOCK
IRONWORKERY	100mm CHROME PLATED "S" TYPE HANDLE 3 BY SOLID BRACE HINGES

BUGLER DOOR	
TYPE	D1
POSITION	EXTERNAL TOILET BLOCK
DOOR TYPE	PURPOSE MADE SQUARE HOLLOW SECTION WILD STEEL SECURITY GATE
DOOR FINISH	1 COAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL EXTERIOR QUALITY
FRAME	50x50x6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH	1 COAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL EXTERIOR QUALITY
DOOR	38x28x4.9mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100mm CENTERS AT A 90° ANGLE COLOUR TBC
IRONWORKERY	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)



NO.	DATE	REVISION	DRAWN

NOTES AND SPECIFICATIONS:

GENERAL:

- Use dimensions provided and do not scale drawing.
- All work to comply with SABS, PR071 and SABS.
- All dimensions, levels and positions to be verified on site prior to construction.
- All concrete work to be as per Engineer's details and specifications.
- All pits to face North.
- All brickwork have brickforce at every 2nd course in pit lining and 3rd course in superstructure.

PIT EXCAVATION:

- All stages of pit excavation to be inspected and approved by Engineer and signed off.
- All pit lining to be inspected by EnviroLoq Services before slab casting.

COMPACTION OF SURFACES:

All ground surfaces receiving concrete floors / slab should be compacted to 150mm layers 93% ModAASHTO density before casting concrete.

CONCRETE WORKS:

- All concrete to be as per Engineer's details and specifications.
- 25 MPa strength concrete to be used throughout construction.

3rd Concrete Mixes Proportions:

Concrete Strength at 28 Days 25Mpa
 1 : 2 : 1 (m proportional by volume)
 1 bag cement : 400 kg sand : 300 kg stone (Max/75)
 3. Pre-cast concrete lintels to be used as support under top slab of pit.
 4. All concrete aprons to be 1000mm wide.

WATER:

Water proportions to be
 1 cement : 3 sand
 (4 : 1 bag cement : 3 wheelbarrows (37 litres) sand)

BRICKWORK:

Sub-structure

- All pit lining / foundation brickwork to be solid NEP clay brick.
- All interior surface of pit lining to be painted with two coats black epoxy paint including EnvoiroLoq units.

Super-structure

- All external walls / partitions to be of clay face brick to SABS quality.
- All rubble partition walls to be 3 courses above door height.
- All brickwork above door opening should have brickforce on every course at least 3 courses.
- All bricks: Standard 230x115mm terra-cotta vermilion glazed faience air grading to be used above all window openings.

ROOF SHEETING:

- 0.6mm Kliplock chromadek roof sheeting

ROOF TIMBER / GULLIES:

- All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
- Timber connections (hurricane clips) are required at all intersections between linear rafters and purlins.
- Separation is to be applied interval under all roof surfaces.

METALWORK:

- All metalwork should be primed before installation.
- All steel window should have 6x20mm flat bar burglar proofing.

PLUMBING:

- Double concrete wash trough to be used.
- All wash troughs should be connected to the school's water supply system and the waste water should be piped to a soakaway.
- The soakaway should be as per Engineer's detail and position to be determined on site.
- Only 20mm and galvanized pipework should be used as connection from wall to the discharge points.

GLAZING:

- 6.28mm obscure safety glass.

PAINTING:

- All paintwork to comply with SABS and PR071 specification.
- All steel window and door frames including doors and fascia / barge boards to be discharge points.



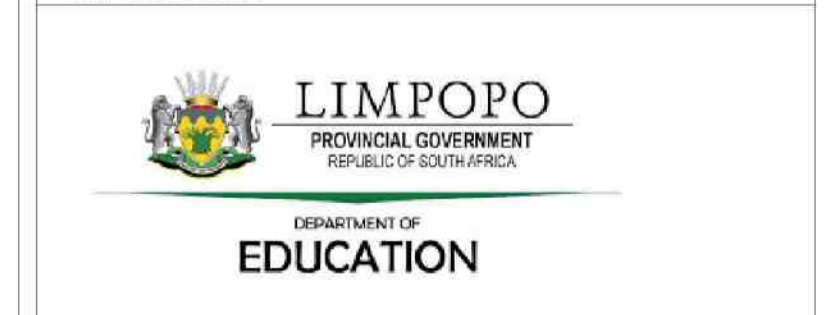
HIGH TEMPO INVESTMENT PTY LTD,
 HOUSE 12, CYCAD STREET,
 TZANEEN
 Email : Hlaisit@gmail.com

SIGNATURE		DATE	SHEET SIZE
DESIGNED	TSHEPO MATSEKE	26-2-2020	A1
DRAWN	TAWANDA NZENGE	26-2-2020	SCALE AS SHOWN
VERIFIED	TSHEPO MATSEKE		STATUS LEGEND 1 - INFORMATION 2 - CONSTRUCTION 3 - AS BUILT
VALIDATED			

IMPLEMENTED BY

THE MVULA TRUST
 A leading developmental NGO

THE MVULA TRUST
 25 RHODESDRIFT STR, RHODESDRIFT OFFICE PARK
 POLOKWANE
 0699
 FAX: 015 291 1270
 TEL: 015 291 2405



PROJECT

LDoE 2019/20 - Limpopo Department of Education Schools Water and Sanitation Programme - HIPAMBUKILE PRIMARY

PROVINCE: LIMPOPO

DRAWING TITLE

GRADE R GIRLS 6 SEAT ENVIROLOQ PUBLIC WORKS PROTOTYPE

EMIS NUMBER	DISCIPLINE	DRAWING No.	STATUS	REVISION
	CIVIL ENGINEERING & PROJECT MANAGEMENT	FD6-C		