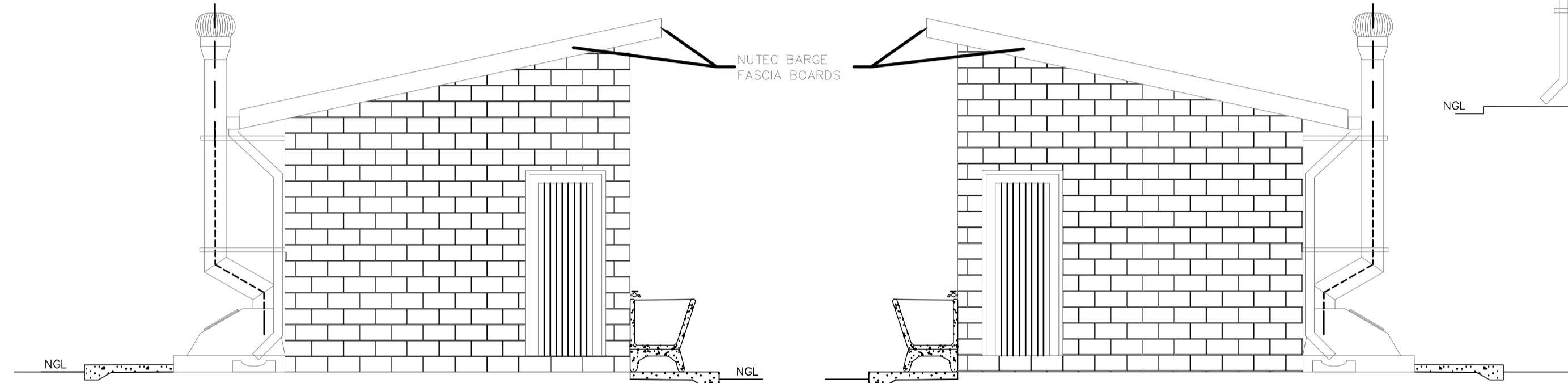
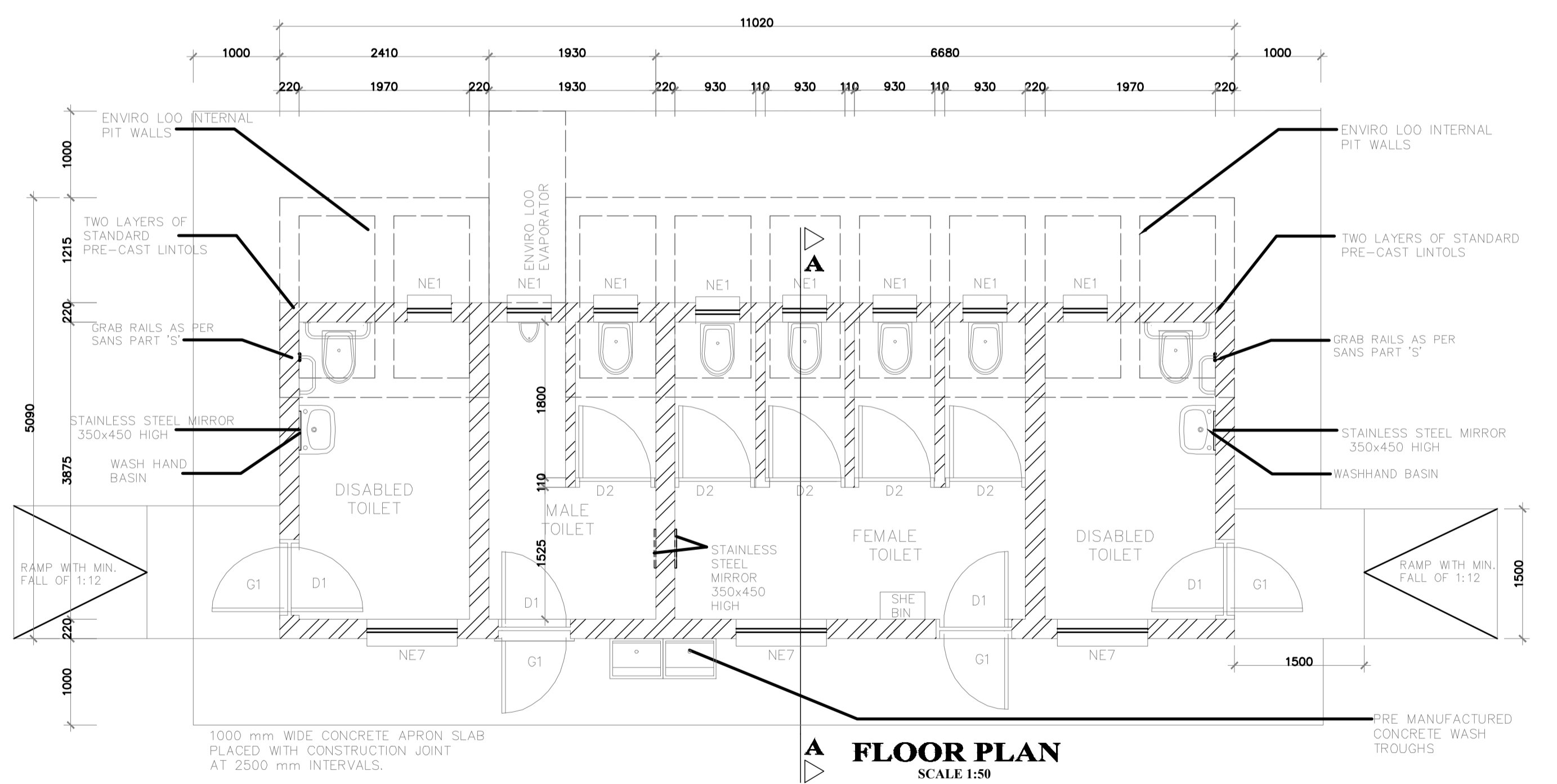


SECTION A-A
SCALE 1:100

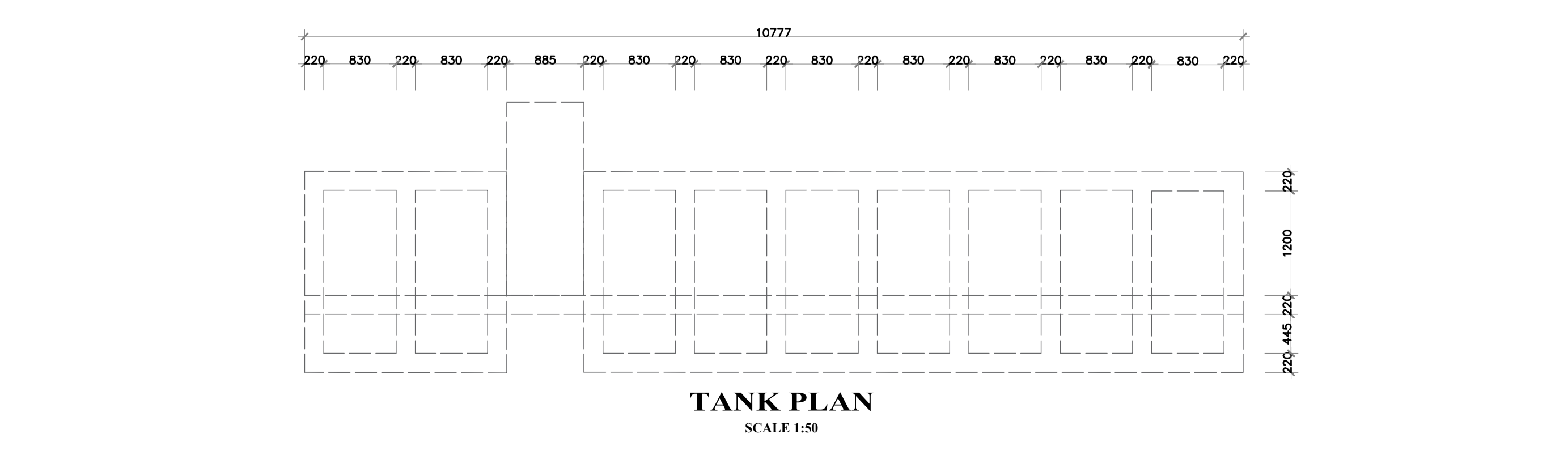


SIDE ELEVATION
SCALE 1:50

SIDE ELEVATION
SCALE 1:50

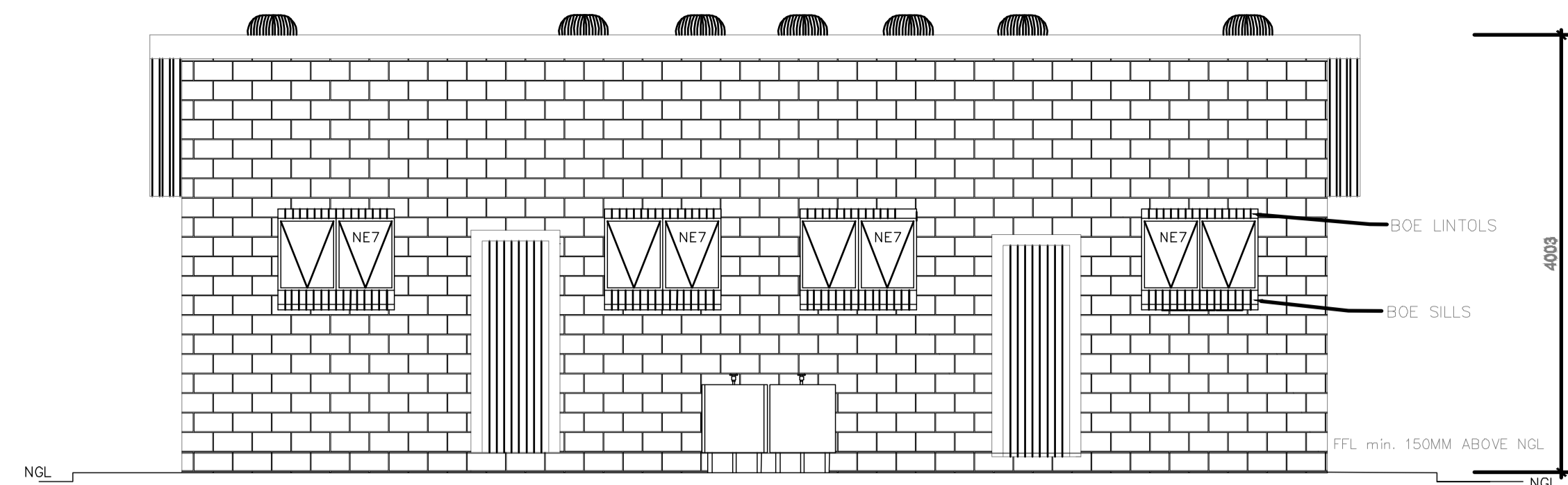


FLOOR PLAN
SCALE 1:50

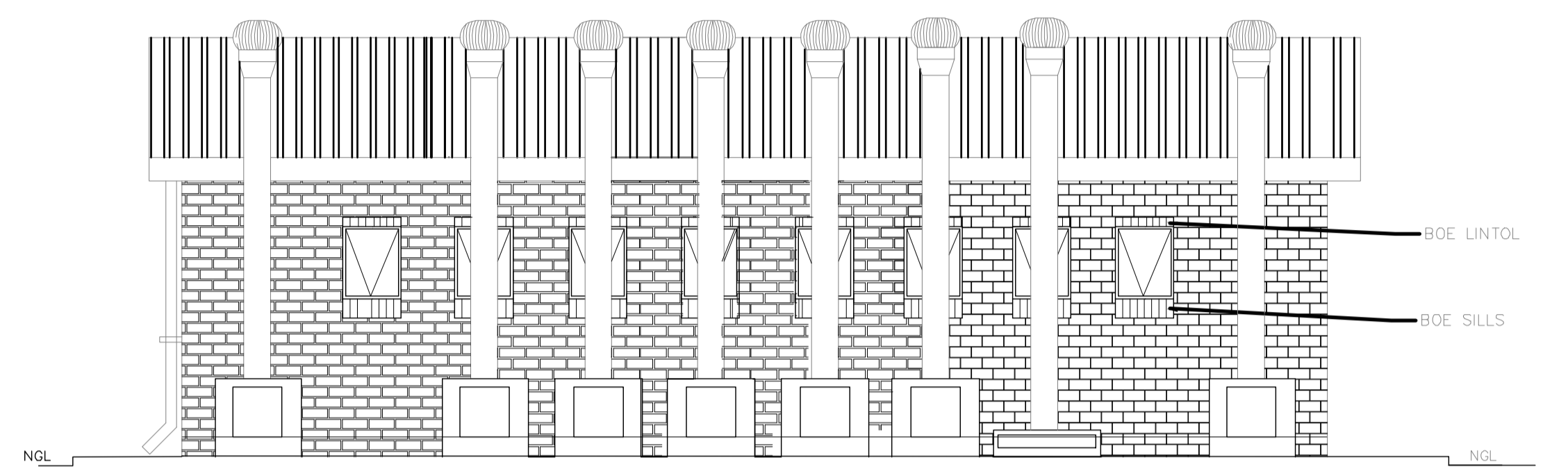


TANK PLAN
SCALE 1:50

NOTE:
ENVIRO LOO INSTALLATION
AS PER MANUFACTURER'S
SPECIFICATION AND DETAILS



FRONT ELEVATION
SCALE 1:50



BACK ELEVATION
SCALE 1:50

SD5 + 2D/A

- NOTES AND SPECIFICATIONS:**
- GENERAL:**
- Use dimensions provided and do not scale drawing.
 - All work to comply with SANS, PRS71 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 brickface on 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 Envirocon Services before slab casting.
- COMPACTION OF SURFACES:**
- All ground surface requiring concrete floors / slab should be compacted to 150mm layers 835 ModASH70 density before casting concrete.
- CONCRETE WORK:**
- All concrete to be as per Engineer's details and specifications.
 - 25 MPa strength concrete to be used throughout construction.
- Concrete Mixes Proportions:**
- Concrete Strength at 28 Days 25Mpa:
- 1: 2: 2 (Envirapoint by volume)
 - 1 bag cement : 0.5m³ Sand : 0.0m³ Stone (Volume/Bag)
 - 800 kg cement : 800 kg sand : 960 kg stone (Mass/m³)
3. Wet-cast concrete limes to be used on support under top slab of pit.
4. All concrete aprons to be 100mm wide.
- MORTAR:**
- Mixed proportions to be:
- 1 cement : 3 sand
 - (1 bag cement : 3 wheelbarrows (37 litres) sand)
- BRICKWORK:**
- Sub-structure:
- All pit lining / foundation brickwork to be solid NFP clay brick.
 - All internal surface of pit lining to be pointed with two coats brick epoxy point finishing Envirocon grade.
- Super-structure:
- All external walls / partitions to be of clay face brick to SABS quality.
 - All outside partition walls to be 3 courses above door height.
 - All brickwork above door openings should have brickface on every course at least 3 courses.
 - AP bricks: Standard 230x110mm terra-cotta vermiculite proofed loured air grouting to be used above all window openings.
- ROOF SHEETING:**
- 0.6mm kliplock chromadek roof sheeting.
- ROOF TIMBER / CEILING:**
- All roof timbers to be machine SABS treated wood with three coats of approved wood preservative.
 - Timber connections (hurricane clips) are required at intersections between timber rafters and gables.
 - Sealant is to be applied interval under of 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 approved pipework should be used on connection from wall to the discharge points.
- GLAZING:**
- 6.28mm obscure safety glass.
 - Stainless steel mirrors size 350x450mm high.
- PAINTING:**
- All paintwork to comply with SABS and PRS71 specification.
 - All steel window and door frames including doors and fascis / barge boards to be discharge points.

GENERAL NOTES:

- ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING SETTING OUT, WORKSHOP DRAWINGS OR CONSTRUCTION.
- FIGURED DIMENSIONS ONLY TO BE USED.
- DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO ARCHITECTS IMMEDIATELY THEY BECOME EVIDENT.
- SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.
- COPYRIGHT AND RIGHT OF REPRODUCTION OF THIS DRAWINGS OR ANY PORTION THEREOF IS RESERVED MIA ARCHITECTS.

Revisions During Construction

Rev #	Issue Date	Revision description	Sign

Revisions Prior to Construction

Rev #	Issue Date	Revision description	Sign

Issued for: Information: Construction
 Tender + Contract Client Approval
 Measurement Municipal Approval

Detail Symbols

WINDOW SCHEDULE

WINDOW NO.	N2	WINDOW NO.	N1
CATALOGUE	NE7	CATALOGUE	NE1
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME	FRAME	633 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIMING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL	FRAME FINISH	SPOT PRIMING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS	GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	3	NO. REQUIRED	8

BUGLAR DOOR

POSITION	EXTERNAL TOILET BLOCK
DOOR TYPE	PURPOSE MADE SQUARE HOLLOW SECTION MILD STEEL SECURITY GATE
DOOR FINISH	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERNAL QUALITY)
FRAME	50x38x1.6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERIOR QUALITY)
DOOR	138x28x1.6mm RECTANGULAR HOLLOW SECTION FRAME WITH 28x28x1.6 INTERMEDIATES AT 100% CENTERS AT A 45° ANGLE COLOUR TBC
IRONMONGERY	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)

ENTRANCE DOOR

FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)	FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME - SIZE 813x33mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC	FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS GLOSS ENAMEL - COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR	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	LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET	LOCK	TOILET INDICATOR LOCK
IRONMONGERY	100mm BRACE CABIN HOOK	IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES

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.

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Client:
THE MVULA TRUST
A leading developmental NGO
THE MVULA TRUST LIMPOPO

Client project number: CLUSTER 04
Project Title:
PROPOSED NEW WATER, SANITATION AND FENCING FOR THE MVULA TRUST

Site Information:
MOHWIBIDU PRIMARY SCHOOL - GA-SETATI VILLAGE

EMIS NO.: 922220958

Project Architect:
Project Co-ordinator/Manager:
Project Architectural Technician:
Drawing Title:
ENVIROLOO PROTOTYPE - DISABLED 2; FEMALE STAFF 4; MALE STAFF 1, URINALS 1

Project number:	Drawing number:	Project Stage:	Drawing Revision:
-	103	Constr	0

Scale: AS SHOWN Drawn: TM Checked: RM

First issue date: 2022/06/30 Latest issue date: 2022/08/16