

NOTES AND SPECIFICATIONS:

GENERAL

1. Use dimensions provided and do not scale drawing.
2. All work to comply with SANS, PWOT71 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. 3 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 casting.

COMPACTION OF SURFACES

All ground surfaces receiving concrete floors / slab should be compacted to 150mm layers 93% ModAKSATO 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.

Trical Concrete Mixes: Proportions

Concrete Strength at 28 Days 25MPa:

S : 1 : 2 : 2 (mix proportion by volume)

1 bag cement : 0.08m³ sand : 0.03m³ Stone (Volume/Bag)

385 kg cement : 820 kg sand : 960 kg stone (Mass/m³)

3. Pre-cast concrete lintels to be used as support under 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 wheelbarrow (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 pointed with two coats black epoxy point

raters and putrils.

Super-structure

1. All external walls / partitions to be of clay face brick to SABS quality.
2. All cubic partition walls to be 3 courses above door height.
3. Brickwork above door openings should have brickface on every course at least 3 courses.
4. Air bricks: Standard 230X152mm terra-cotta vermin proofed louvered air grating to be used above all window openings.

ROOF SHEETING

1. 0.6mm kliplock 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 intersections between timber rafters and putrils.
3. Sisalation 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. All steel and galvanised pipework should be used as connection from wall to the discharge points.

GLAZING

1. 6.28mm obscure safety glass
2. Stainless steel mirrors size 350x450mm high.

PAINTING

1. All paintwork to comply with SABS and PW371 specification.
2. All steel window and door frames including doors and fascic / barge boards to be discharge points.

- * 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 .

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Information	X	Construction	
Tender - Contract		Client Approval	
Measurement		Municipal Approval	

Detail Symbols

Diagram illustrating detail symbols and their components:

- Section annotation:** B 300
- Leader:** Line connecting the section annotation to the drawing location.
- Drawing location:** Indicated by a circle.
- Detail layout annotation:** D 120
- Leader:** Line connecting the detail layout annotation to the drawing location.
- Drawing location:** Indicated by a circle.
- Originating drawing:** 100
- Drawing Name Scale:** Indicated by a circle.



Project Title:
PROPOSED NEW WATER, SANITATION AND
FENCING FOR THE MVULA TRUST

Site information:
KGOLOKGOTLHA SECONDARY
SCHOOL, MAPATENG
GA-MASHASHANE VILLAGE

Project Architect:

Project Co-ordinator/Manager:

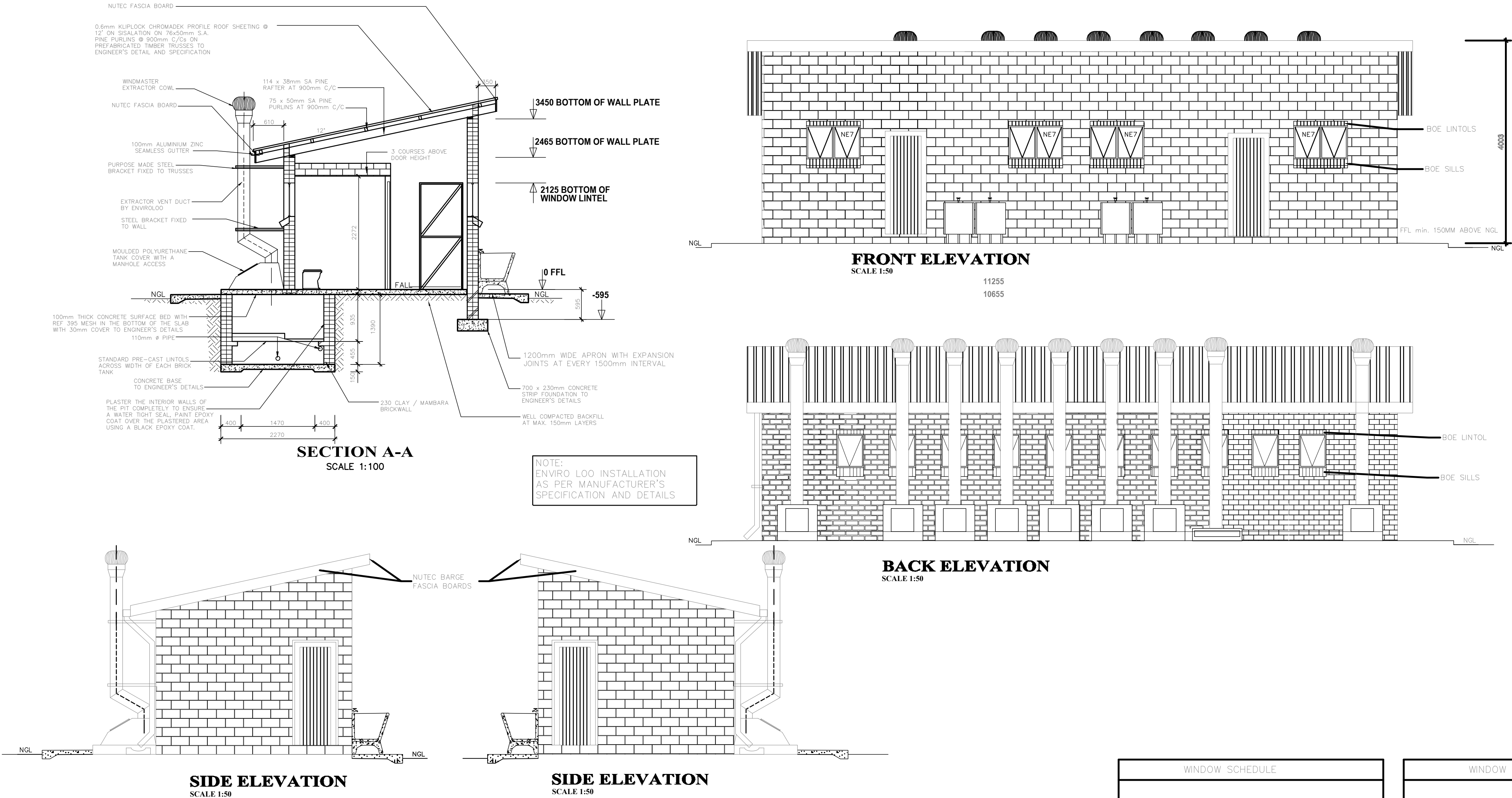
Project Architectural Technician:

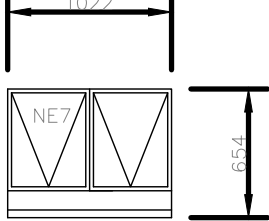
Drawing Title:
ENVIROLOO PROTOTYPE -
DISABLED 2, FEMALE
STAFF 4, MALE STAFF 2, 3
URINALS

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

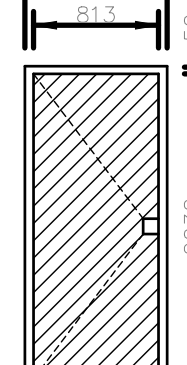
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AS SHOWN	TM	RM

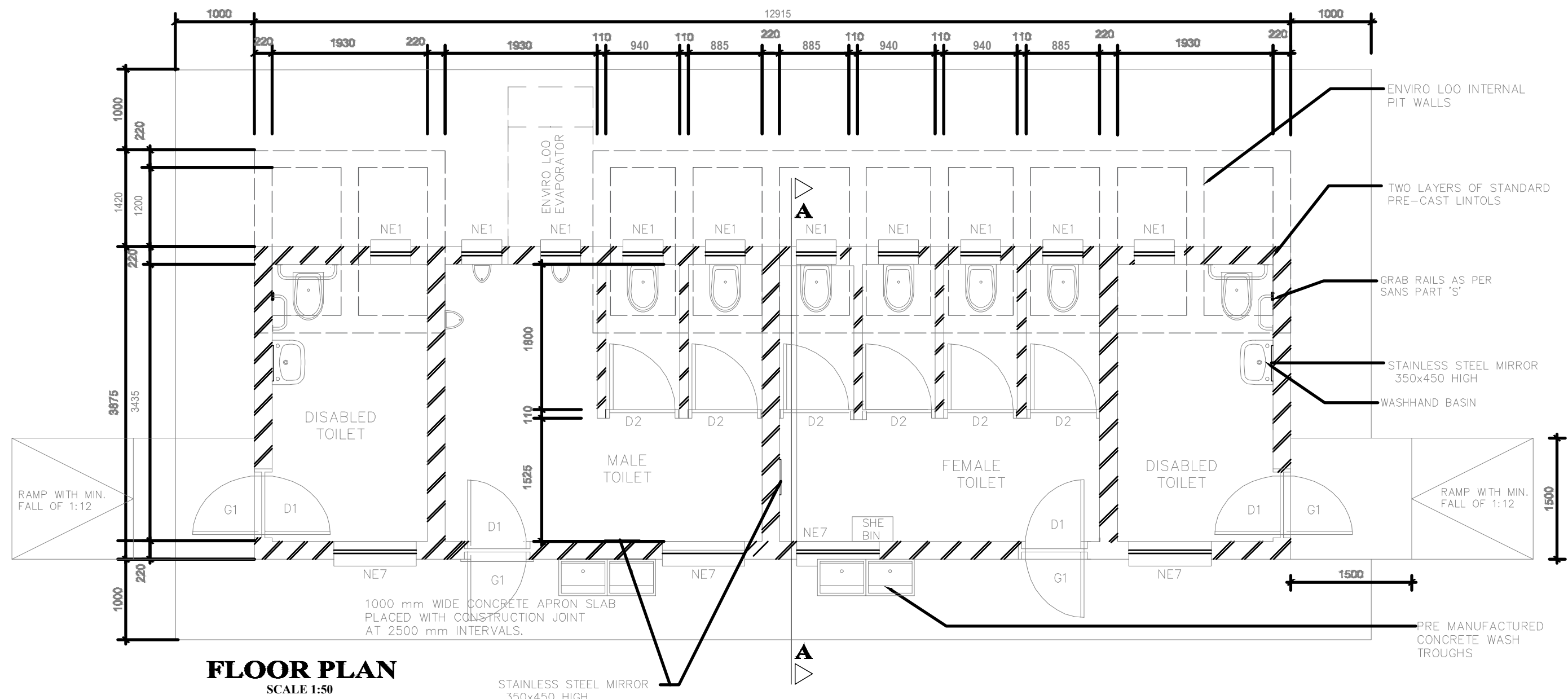
First issue date:	Latest issue date:
2022/06/30	2022/08/16

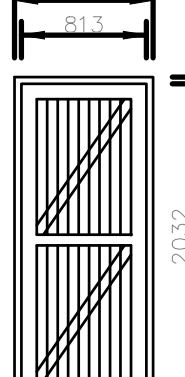


WINDOW SCHEDULE	
	
WINDOW NO.	N2
CATALOGUE	NE7
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	633 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	10

BUGLAR DOOR	
	
TYPE G1	2. OFF
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	38x25x1.6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100mm CENTERS AT 45° ANGLE COLOUR TBC
IRONMONGERY	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)



ENTRANCE DOOR	
	
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (O.I)
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
LOCK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK

CUBICLE DOOR	
FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME - SIZE 813x53mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS- GLOSS ENAMEL - COLOUR TBC
DOOR LEAF	4mm 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
IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES

GENERAL NOTES:

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

