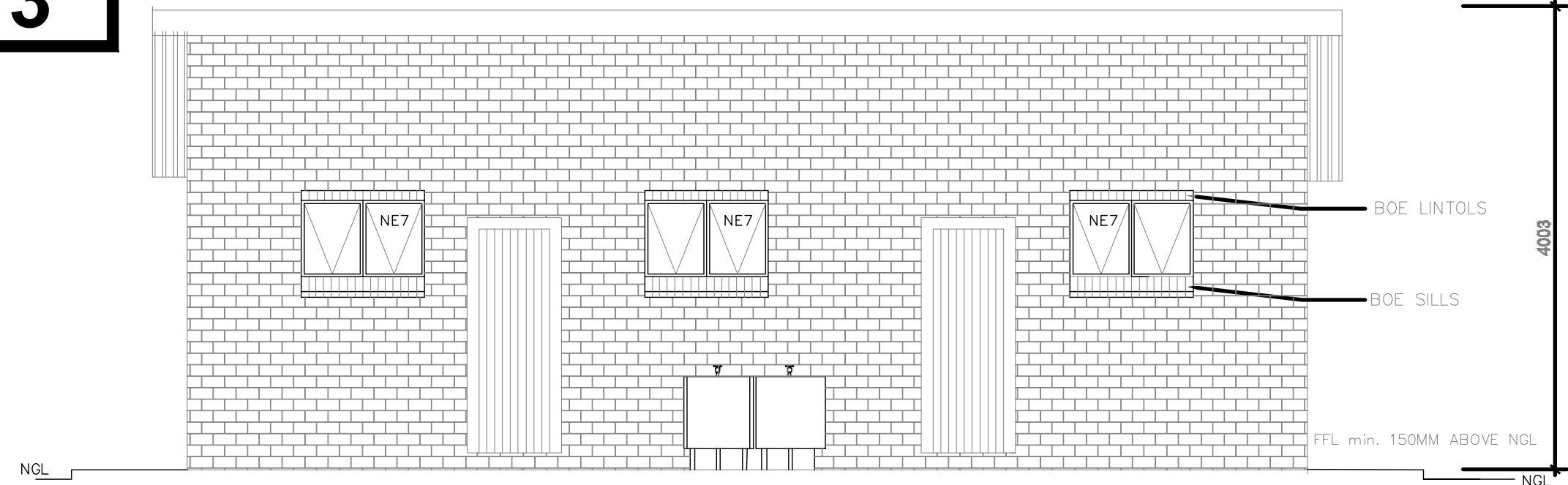


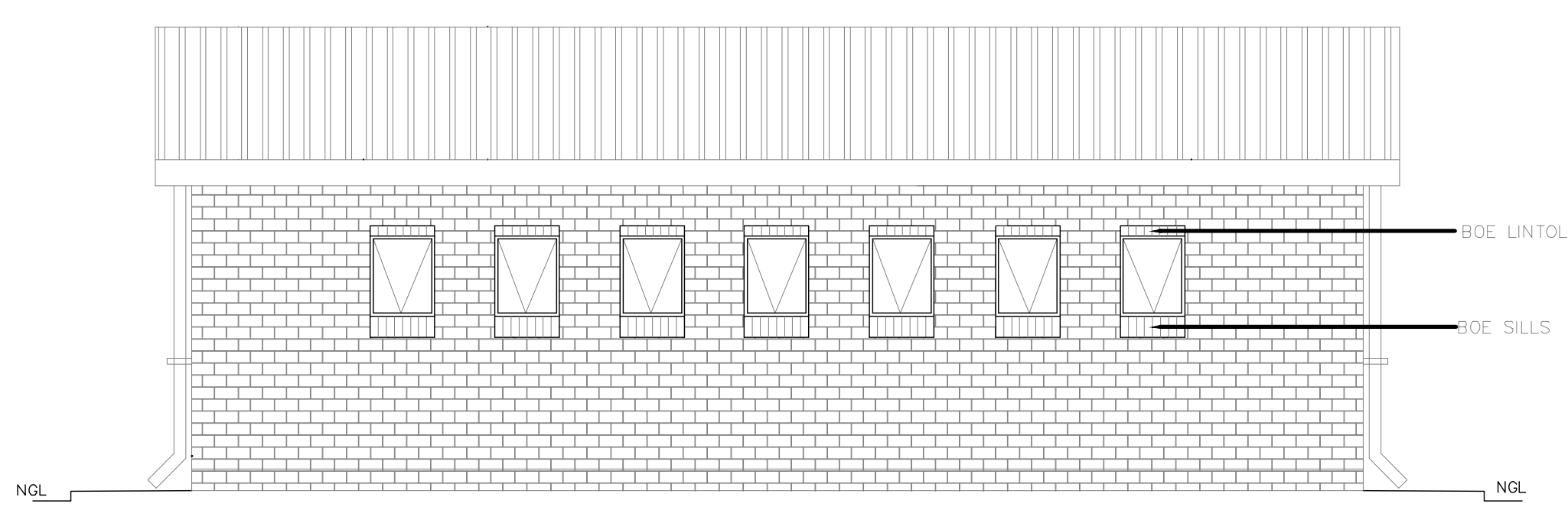
**GR 3**



# FRONT ELEVATION

SCALE 1:150

NOTE:  
WATERBORNE INSTALLATION  
AS PER MANUFACTURER'S  
SPECIFICATION AND DETAILS



### BACK ELEVATION

**NOTES AND SPECIFICATIONS:**

**GENERAL**

- 1. Use dimensions provided and do not slice drawing.
- 2. All work to comply with SANS, 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 slopes of pit excavation to be inspected and approved by Engineer and signed off.
- 2. All pit lining to be inspected by EnviroLoos Services before back casting.

**COMPACTION OF SURFACES**

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

**Trial Concrete Mixes: Proportions**

Concrete Strength at 28 Days: Volume

1 : 2 : 2 (mix proportion by volume)

1 bag cement : 0.08m<sup>3</sup> Sand : 0.09m<sup>3</sup> Stone (Volume/Bag)

850 kg cement : 820 kg sand : 960 kg stone (Mass/m<sup>3</sup>)

- 3. Pre-cast concrete linings to be used as support under top slab of pit.
- 4. All concrete opens to be 1000mm wide.

**WASTES**

Mixed proportions to be:

- 1 cement : 3 sand
- (cst 1 bag cement : 3 wheelbarrows (37 litres) sand)

**BRICKWORK**

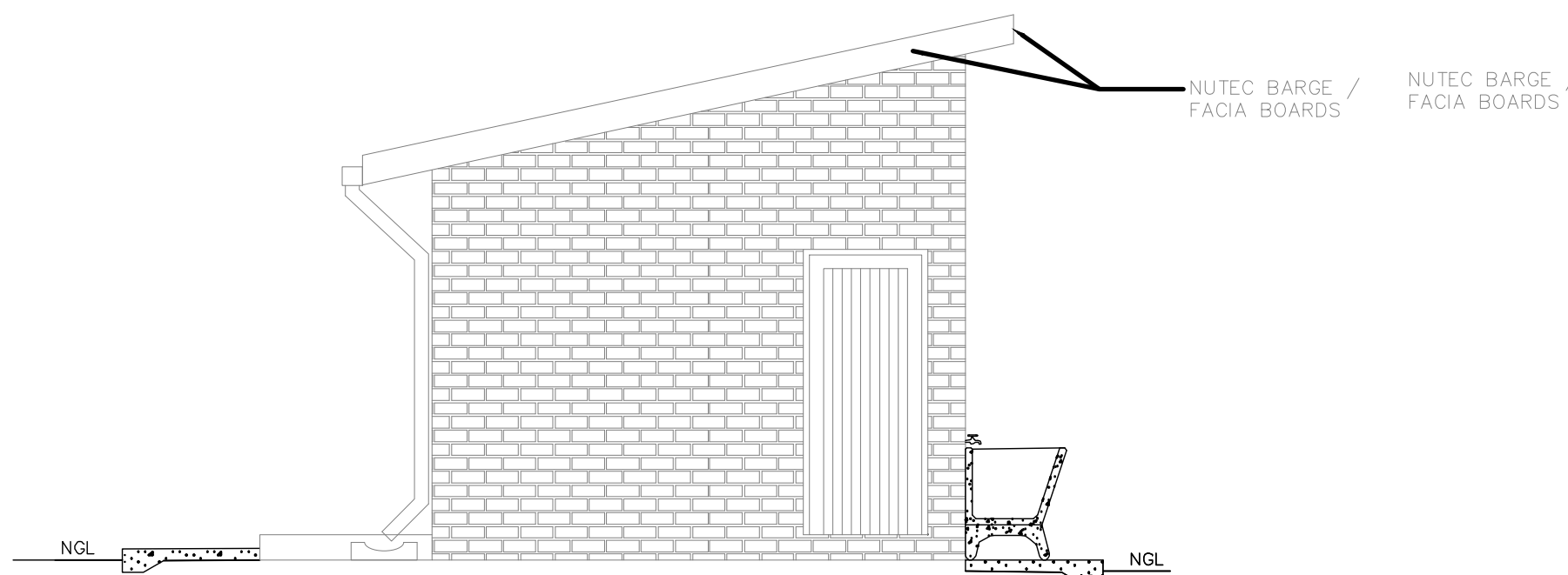
Sub-structure

- 1. All pit lining / foundation brickwork to be solid NFP clay brick.
- 2. All internal vertical pit lining to be painted with two coats black epoxy paint.

**Installing Enviro-Loo units**

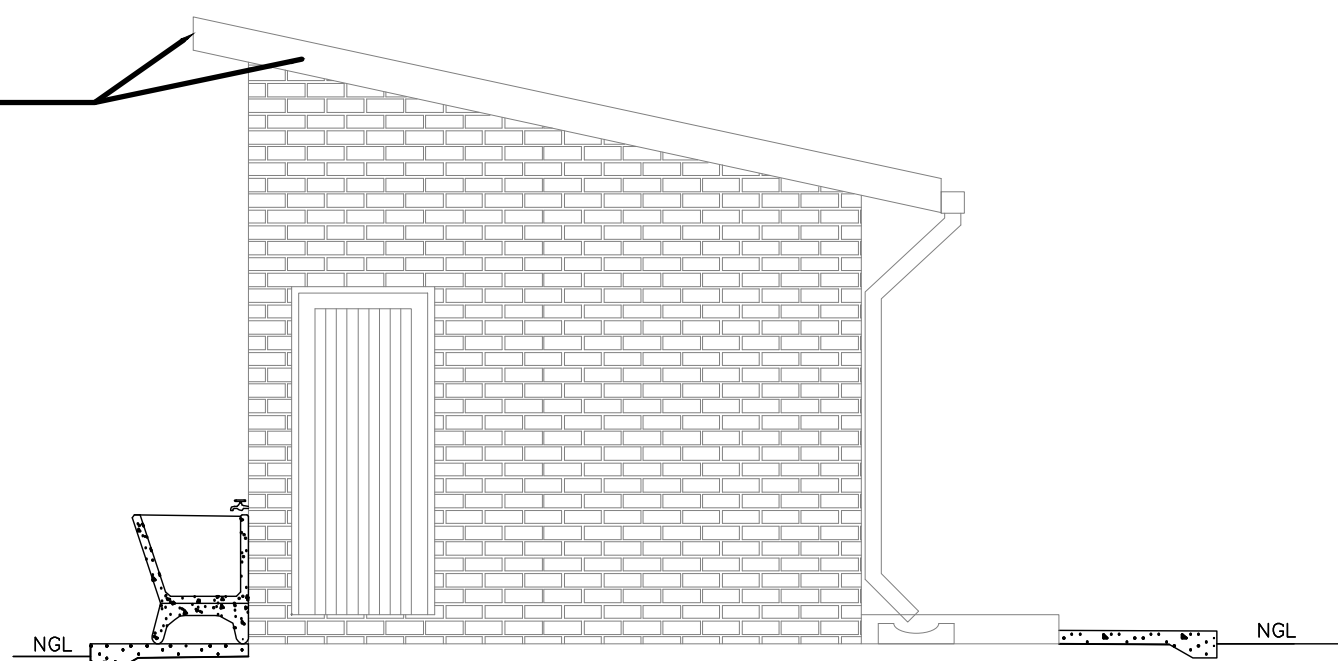
Super-structure

- 1. All external walls / partitions to be of clay face brick to SABS quality.
- 2. All cubic 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 230x115mm terra-cotta vermin proofed laured air drying to be used above all window openings.

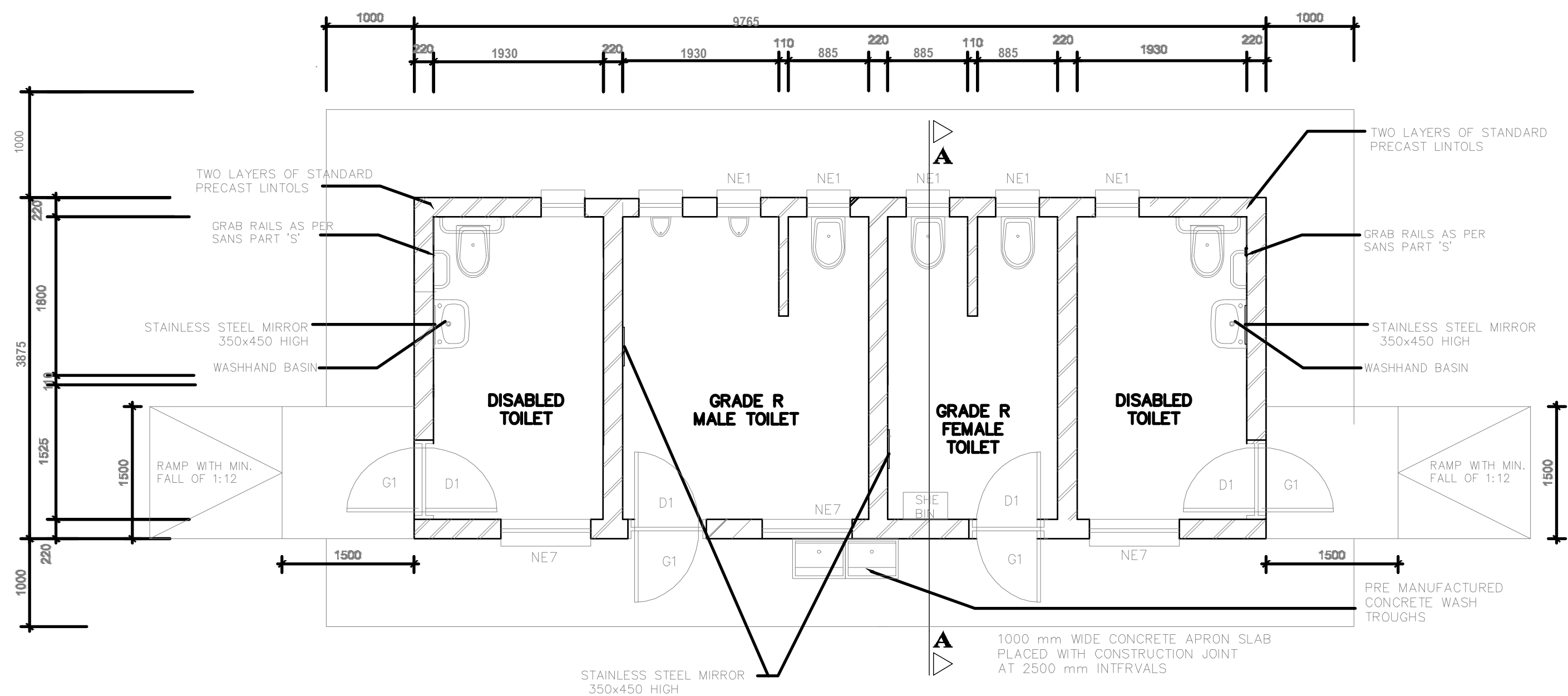


### SIDE ELEVATION

SCALE 1:150



### SIDE ELEVATION

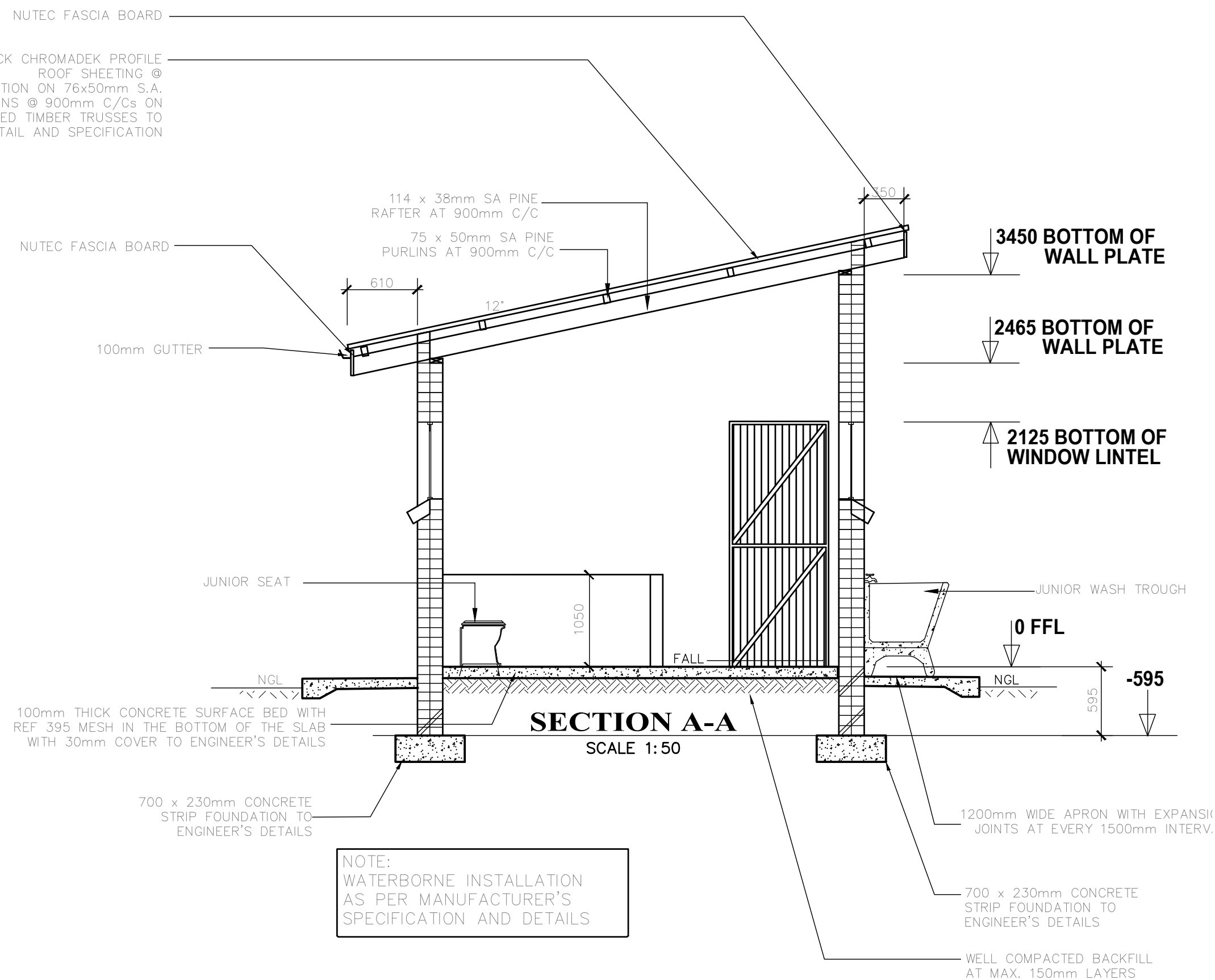


# FLOOR PLAN

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.

WINDOW SCHEDULE		WINDOW SCHEDULE	
WINDOW NO.	1/2	WINDOW NO.	N1
CATALOGUE	NE7	CATALOGUE	NE1
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME	FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIMING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY THE UNIVERSAL UNDER COAT & TWO COATS EPWP GLOSS BROWN GLOSS ENAMEL PAINT ON STEEL	FRAME FINISH	SPOT PRIMING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY THE UNIVERSAL UNDER COAT & TWO COATS EPWP GLOSS BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.38mm OBTUSCURE SAFETY GLASS	GLAZING	6.38mm OBTUSCURE SAFETY GLASS
NO. REQUIRED	2	NO. REQUIRED	5
ENTRANCE DOOR		CUBICLE DOOR	
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)	FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME - SIZE 83x3mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND ZINC PRIMING COATS IN GLOSS ENAMEL COLOUR TBC	FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS-2 GLOSS ENAMEL - COLOUR TBC
DOOR LEAF	4mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING INTERNAL WEATHER BAR	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	LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	6 LEVER MORTICE LOCK SET	LOCK	WILET INDICATOR LOCK
IRONMONGERY	100mm BRACE CABIN HOOK	IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE BY S.O.D. BRACE HINGES



NOTE:  
WATERBORNE INSTALLATION  
AS PER MANUFACTURER'S  
SPECIFICATION AND DETAILS

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 MLA ARCHITECTS .	

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**Issued for:**

<b>Information</b>	<b>Construction</b>
<b>Tender - Contract</b>	<b>Client Approval</b>
<b>Measurement</b>	<b>Municipal Approval</b>

**Detail Symbols**

Section annotation  
Leader  
Drawing location  
Detail/Layout annotation  
Drawing Name  
Scale  
500  
Drawing location



Kruger Office Park, Unit 6  
100 Marshall Street  
Polokwane, 0699  
Tel: (015) 291 1005 | Fax: (086) 560 4404  
[www.srsqs.co.za](http://www.srsqs.co.za)

Client:



THE MVULA TRUST LIMPOPO

Client project number:CLUSTER 04

Project Title:  
PROPOSED NEW WATER, SANITATION AND  
FENCING FOR THE MVULA TRUST CM  
SEHLAPELO PRIMARY SCHOOL EMIS No.  
922220125

Site information:

## SESHEGO TOWNSHIP

Project Architect:

Project Co-ordinator/Manager:

Project Architectural Technician:

DRAWING TITLE  
WATERBORNE TOILET -  
GRADE "R" SEATS 3,  
URINALS 2, DISABLED 2

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

Scale:	Drawn:	Checked:
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AS SHOWN	TM	RM
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