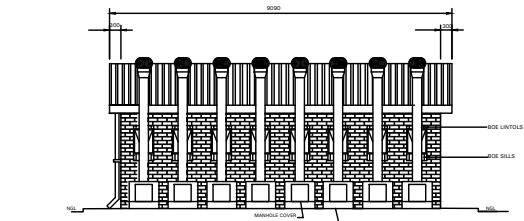
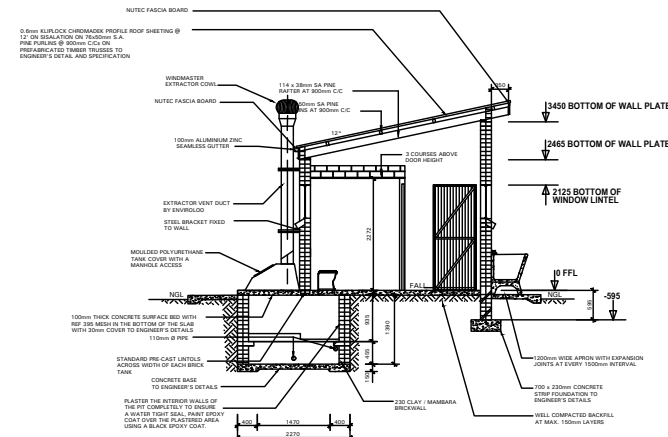


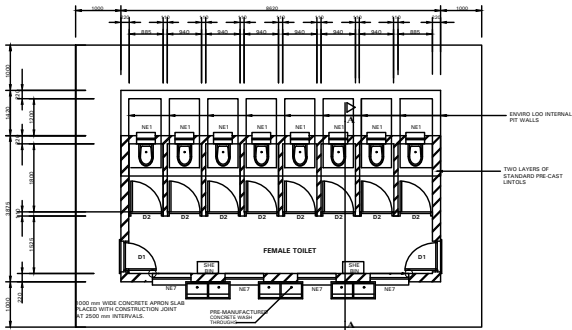
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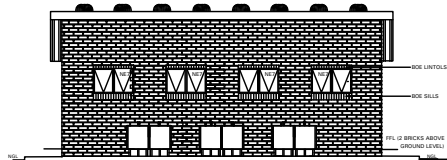
BACK  
SCALE 1:50



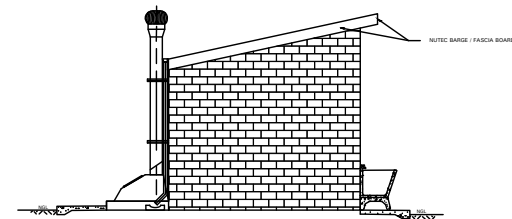
SECTION A-A  
SCALE 1:50



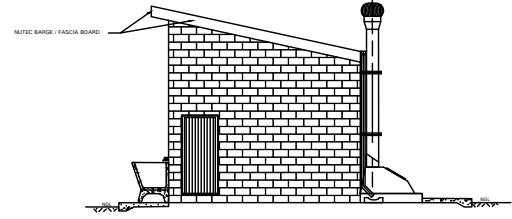
FLOOR LAYOUT : TYPE 3  
SCALE 1:50



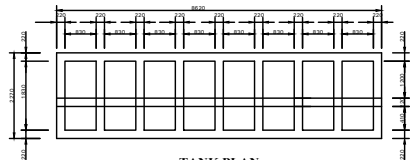
FRONT  
SCALE 1:50



SIDE  
SCALE 1:50

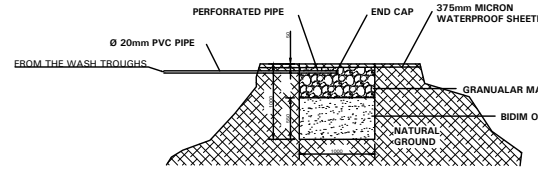


SIDE  
SCALE 1:50



TANK PLAN  
SCALE 1:50

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



SOAKAWAY

WINDOW SCHEDULE	WINDOW SCHEDULE
WINDOW NO. 1	WINDOW NO. 2
CATALOGUE NO. 101	CATALOGUE NO. 101
FRAME TYPE: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME	FRAME TYPE: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
FRAME FINISH: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME	FRAME FINISH: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
GLAZING: 6.0mm obscure safety	GLAZING: 6.0mm obscure safety glass
NO. REQUIRED: 1	NO. REQUIRED: 4

ENTRANCE DOOR	CUBICLE DOOR
DOOR TYPE: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME	DOOR TYPE: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
DOOR FINISH: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME	DOOR FINISH: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
GLAZING: 6.0mm obscure safety	GLAZING: 6.0mm obscure safety glass
NO. REQUIRED: 1	NO. REQUIRED: 4

BUGLAR DOOR
TYPE 01
DOOR TYPE: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
DOOR FINISH: 100% ALUMINIUM FINISH BY ANOTHER TYPE WINDOW FRAME
GLAZING: 6.0mm obscure safety
NO. REQUIRED: 1

**NOTES AND SPECIFICATIONS:**

**GENERAL**

1. Use dimensions provided and do not scale 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 brickforce 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 EnviroLoo 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**

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 25Mpa:  
 1 : 2 : 2 (mix proportion by volume)  
 1 bag cement : 0.08m<sup>3</sup> Sand : 0.09m<sup>3</sup> Stone (Volume/Bag)  
 385 kg cement : 820 kg sand : 960 kg stone (Mass/m<sup>3</sup>)
3. Pre-cast concrete lintols 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 brickforce on every course at least 3 courses.
4. Air bricks: Standard 230X152mm terra-colts 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 interconnections between timber rafters and purlins.
3. Sisalation 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 galvanised 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 fascia / barge boards to be discharge points.

NO.	DATE	REVISION	DRAWN

**CONSULTANTS**



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**ARCHITECT**



NAVI PROFESSIONAL CONSULTING  
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 POLOKWANE  
 0969  
 TEL: 015 291 1756 / 015 291 1779

	SIGNATURE	DATE	SHEET SIZE
DESIGNED	KM	26-01-2016	A1
DRAWN	NHB	26-01-2016	SCALE
VERIFIED	KM	26-01-2016	STATUS USED:
VALIDATED			1 - DESIGNER 2 - SUPERVISOR 3 - CONSTRUCTION 4 - AS-BUILT

**IMPLEMENTED BY**



**SPONSOR**



PROJECT  
 ASIDI - ACCELERATED SCHOOLS  
 INFRASTRUCTURE DELIVERY INITIATIVE  
 PROVINCE: LIMPOPO  
 DRAWING TITLE  
 FEMALE 8 SEATS ENVIROLOO  
 ABLUTION BLOCK

DWG NUMBER	DISCIPLINE	DRAWING NO.	STATUS	REVISION
	ARCHITECTURE	FEM 8	AB	