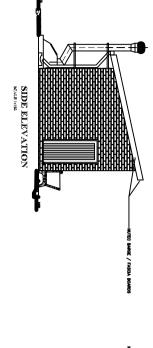
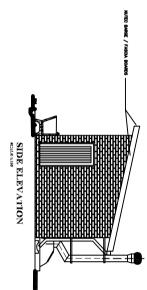
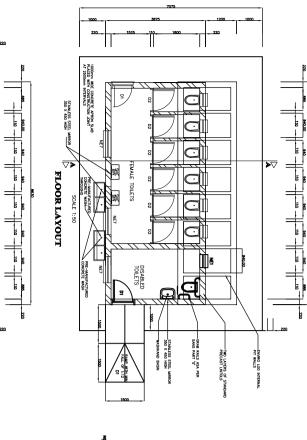
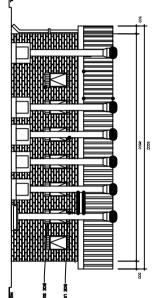


FRONT ELEVATION









BACK ELEVATION

- GENERAL NOTES:
- CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK. CONTRACTOR TO READ ONLY FIGURED DIMENSION

SDM 5

TANK PLAN SCALE 1:50

- NOTES AND SPECIFICATIONS:
 GENERAL

 1. Use dimensions provided and do not scide drawing.

 1. 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.

 5. All brickwork have brickforce at every 2nd course in pit lining and 3rd course in

- All stages of pit excavation to be inspected and approved by Engineer and signed off.
 All pit lining to be inspected by EnviroLoo Services before slab casting. COMPACTION OF SURFACES
 - PIT EXCAVATION

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: 0.08m3 Sand: 960 kg stone (Volume/Bag)
 385 kg cement: 820 kg sand: 960 kg stone (Mass/m3)
 3. Pre-cast concrete lintols to be used as support under top slab of pit.
 4. All concrete aprons to be 1000mm wide.

- MORTAR

ARCHITECT

- Mixed proportions to be:
 1 cement : 3 sand
 (i.e.1 bag cement : 3 wheelbarrows (37 litres) sand)

BRICKWORK Sub-structure

- All pit lining / foundation brickwork to be solid
 All internal surface of pit lining to be painted w installing Enviro-Loo units. J NFP clay brick. with two coats black expoxy paint

- 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 evry course at least 3
- courses.

 Air bricks: Standard 230X152mm terra-colts be used above all window openings. vermin proofed lourved air grating to

ROOF SHEETING

1. 0.6mm kliplock chromadek roof sheeting.

ROOF TIMBER / CEILING 1. All roof timbers to be machined SABS treated

3. Sisalation is to be applied interval under all roof surfaces.

preservative. 2. Timber connections (Hurricane Clips) are required all intercessions between timber rafters and purlins.

wood with three coats of approved wood

CIVIL ENGINEER

- METALWORK

 1. All metalwork should be primed before installation.

 2. All steel window should have 6x20mm flat bar burglar proofing.

MAPOXE CONSULTING ENGINEERS 100 MCDONALD AVENUE POLOKWANE 0787 TEL: 015 291 2101/2068

- 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 sookaway.

 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.

DATE SHEET SIZE

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

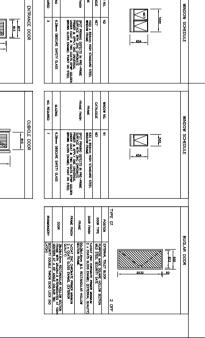
IMPLEMENTED BY

MVULA TRUST

- PAINTING

 1. All paintwork to comply with SABS and PW371 specification.

 2. All steel window and door frames including doors and fascio / barge boards to be
- discharge points.



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PROJECT HLALUKWENI SECONDARY SCHOOLS	EDUCATION
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LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH APRICA

FEMALE 6 SEATS ENVIROLOO MSD5 - FEMALE EDUCATORS
DRAWING TITLE
PROVINCE: LIMPOPO
HLALUKWENI SECONDARY SCHOOLS

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