



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.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO ANY WORK OR SHOP DRAWINGS. ALL DISCREPANCIES TO BE DISCUSSED WITH PROJECT MANAGER PRIOR TO IMPLEMENTATION THEREOF.

REVISION

DATE	NO.	REVISIONS	INIT.

NOTES AND SPECIFICATIONS:

- GENERAL**
- Use dimensions provided and do not scale drawing.
 - All work to comply with SANS, PN371 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 brickwork at 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 EnviroLoos Services before slab casting.
- COMPACTION OF SURFACES**
- All ground surfaces receiving concrete floors / slabs should be compacted to 150mm layers 93% ModAASHTO density before casting concrete.
- CONCRETE WORKS**
- 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 bag cement : 0.08m3 Sand : 0.08m3 Stone (Volume/Bag)
- 850 kg cement : 820 kg sand : 960 kg stone (Mass/m3)
- Pre-cast concrete lintels to be used as support under top slab of pit.
 - All concrete aprons to be 100mm wide.
- MORTAR**
- Mixed proportions to be:
- 1 cement : 3 sand
- (i.e. 1 bag cement : 3 wheelbarrows (37 litres) sand)
- BRICKWORK**
- Substructure
- All pit lining / foundation brickwork to be solid NFP clay brick.
 - All internal surface of pit lining to be painted with two coats black epoxy paint installing EnviroLoos units.
- Superstructure
- All external walls / partitions to be of clay face brick to SABS quality.
 - All cubicle partition walls to be 3 courses above door height.
 - All brickwork above door openings should have brickwork on every course at least 3 courses.
 - All bricks: Standard 230X150mm terra-cotta vermin proofed loured air drying to be used above all window openings.
- ROOF SHEETING**
- 0.6mm Kliplock chromadek roof sheeting
- ROOF TIMBER / CEILING**
- All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
 - Timber connections (Hurricane Clips) are required all interconnections between timber rafters and purlins.
 - Sisalation is to be applied internal under all 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 galvanised pipework should be used as connection from wall to the discharge points.
- GLAZING**
- 6.28mm obscure safety glass.
- PAINTING**
- All paintwork to comply with SABS and PN371 specification.
 - All steel window and door frames including doors and fascia / barge boards to be discharge points.

Implementing Agent



SIGNATURE.....DATE.....

Client



Consultant



Project Title: Madobi Primary School
LIMPOPO DEPARTMENT OF EDUCATION
SCHOOLS WATER & SANITATION PROGRAMME

date : 24 NOVEMBER 2022 scales :
drawn : PJM AS SHOWN

Drawing Description:
GRADE R ABLUTION (BOYS & GIRLS) - ENVIROLOO TOILET BLOCK

Job No. Drawing No. Rev. No.
LPDE 2022/2023 01-101 -

AS-BUILT DRAWING
ISSUED FOR APPROVAL
ISSUED FOR SUBMISSION
ISSUED FOR TENDER
ISSUED FOR CONSTRUCTION

FLOOR LAYOUT : GRB 2 SEATS + 2 URINALS
SCALE 1:50

FLOOR LAYOUT : GRG 3 SEATS
SCALE 1:50