



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.

NOTES AND SPECIFICATIONS:

GENERAL

- Use dimensions provided and do not scale drawing.
- All work to comply with SANS, PW371 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 brickforce 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 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

- All concrete to be as per Engineer's details and specifications.
- 25 MPa strength concrete to be used throughout construction:

Triad Concrete Mixes: Proportions

Concrete Strength at 28 Days 25Mpa:

1 : 2 : 2 (mix proportion by volume)

1 bag cement : 0.08m³ Sand : 0.09m³ Stone (Volume/Bag)

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

- Pre-cast concrete lintols to be used as support under top slab of pit.

- 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

- 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 Enviro-Loo units.

Super-structure

- 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 brickforce on every course at least 3 courses.
- Air bricks: Standard 230X152mm terra-cotta vermin proofed louvered air grating 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 at all interconnections between timber rafters and purlins.
- Sisalation is to be applied at interval 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
- Stainless steel mirrors size 350x450mm high.

PAINTING

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

WINDOW SCHEDULE	
WINDOW NO.	N2
CATALOGUE	NE7
FRAME	1252 x 624mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PAINTED TO PRE-PRIIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERSEAL UNDER COAT & 2 COATS OF PRIMER COLOUR FINISH. PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	2

ENTRANCE DOOR	
DOOR NO.	N1
CATALOGUE	NE1
FRAME	1252 x 624mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PAINTED TO PRE-PRIIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERSEAL UNDER COAT & 2 COATS OF PRIMER COLOUR FINISH. PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	1252 x 624mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PAINTED TO PRE-PRIIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERSEAL UNDER COAT & 2 COATS OF PRIMER COLOUR FINISH. PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

DOOR SCHEDULE	
DOOR NO.	N1
CATALOGUE	NE1
FRAME	1252 x 624mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PAINTED TO PRE-PRIIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERSEAL UNDER COAT & 2 COATS OF PRIMER COLOUR FINISH. PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

NOTES:

LEGEND:

08.11.22	1	ISSUED FOR TENDER	BS
DATE	NO.	REVISION / VARIATIONS	KUT

CLIENT:



IMPLEMENTING AGENT:



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BENDOR, POLOKWANE
0699

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PROJECT ENGINEERS:



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PROJECT:

LIMPOPO DEPARTMENT OF EDUCATION

WATER, SANITATION AND FENCING
PROGRAMME

TITLE:

NTSHOENG PRIMARY SCHOOL

GRDM2 (GRADE R BOYS)

1x SEATS, 2x URINALS, 1x DISABLED

DRAWING No.:

K1000-NP-003

SCALE:

1 : 75

DESIGNED:

BS

DRAWN:

KN

DATE:

NOVEMBER 2022

APPROVED:

BS

REV. NO.

1