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NOTES AND SPECIFICATIONS:

GENERAL

1. Use dimensions provided and do not sclae 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. . 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

. 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% ModAASHTD 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:

Trial Concrete Mixes: Proportions

Concrete Strenght at 28 Days 25Mpa: 1 : 2 : 2 (mix proportion by volume) 1 bag cement : 0.0Bm3 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..

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 expoxy paint installing Enviro—Loo units.

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

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

ROOF SHEETING

1. Q.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. Timber connections (Hurricane Clips) are required all intercessions between timber

rafters and purlins. Sisolation is to be applied interval under all roof surfaces.

. 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. 5. 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 1. 6.28mm obscure safety glass:

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

CONSULTANTS



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	SIGNATURE	DATE	SHEET SIZE	
DESIGNED	TSHEPO MATSEKE	26-2-2020	:A !	
DRAWN	TAWANDA NZVENGE	26-2-2020	AS SHOWN	
VERIFIED	TSHEPO MATSEKE		STATUS LEGEND	
VALIDATED			I = INFORMATION T =TENDER C = CONSTRUCTION AB= AS BUILT	

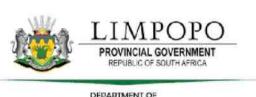
IMPLEMENTED BY



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EDUCATION

LDoE 2019/20 - Limpopo Department of **Education Schools Water and Sanitation** Programme - KABELO SECONDARY

PROVINCE: LIMPOPO DRAWING TITLE

BOYS 7 SEAT - 7 URINALS WATER-BORNE TOILET

DRAWING No. STATUS REVISION EMIS NUMBER DISCIPLINE & PROJECT MANAGEMENT