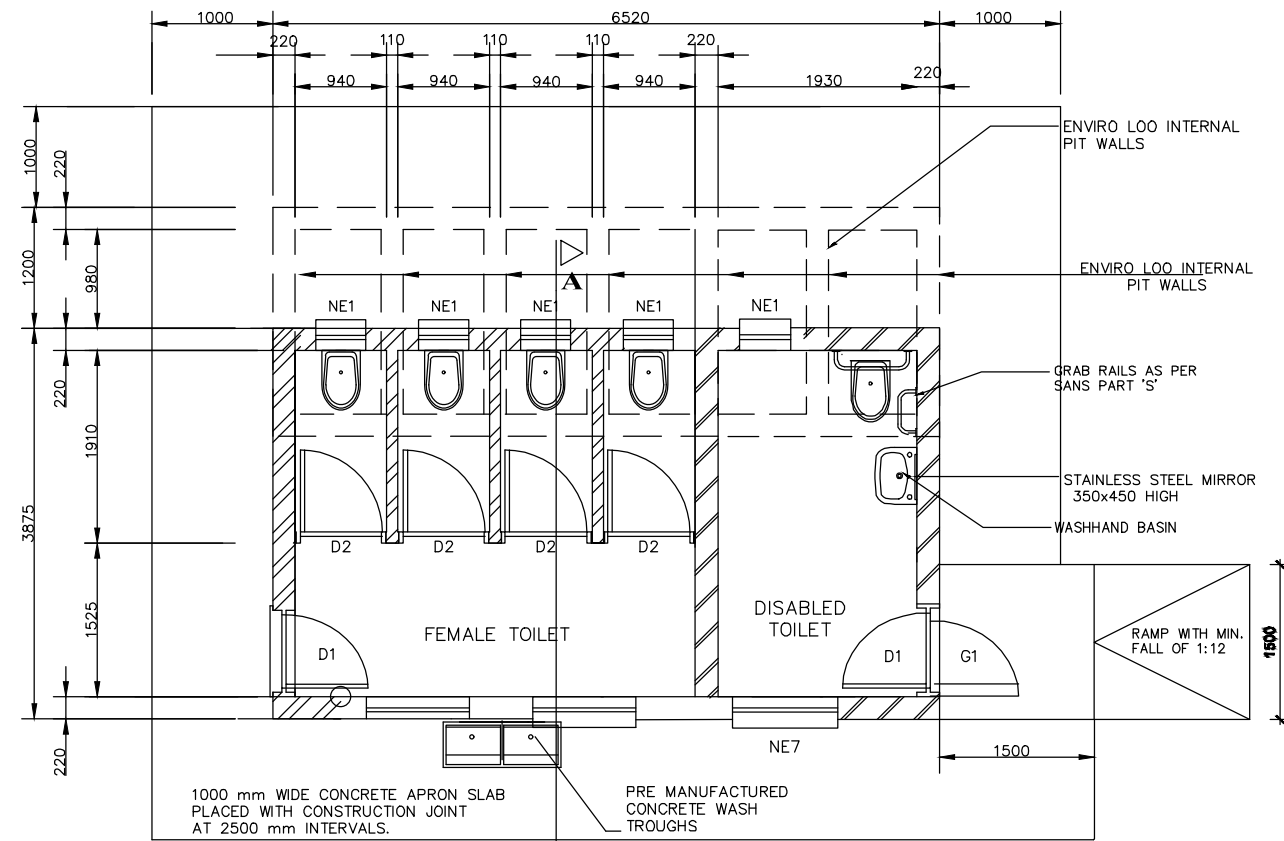
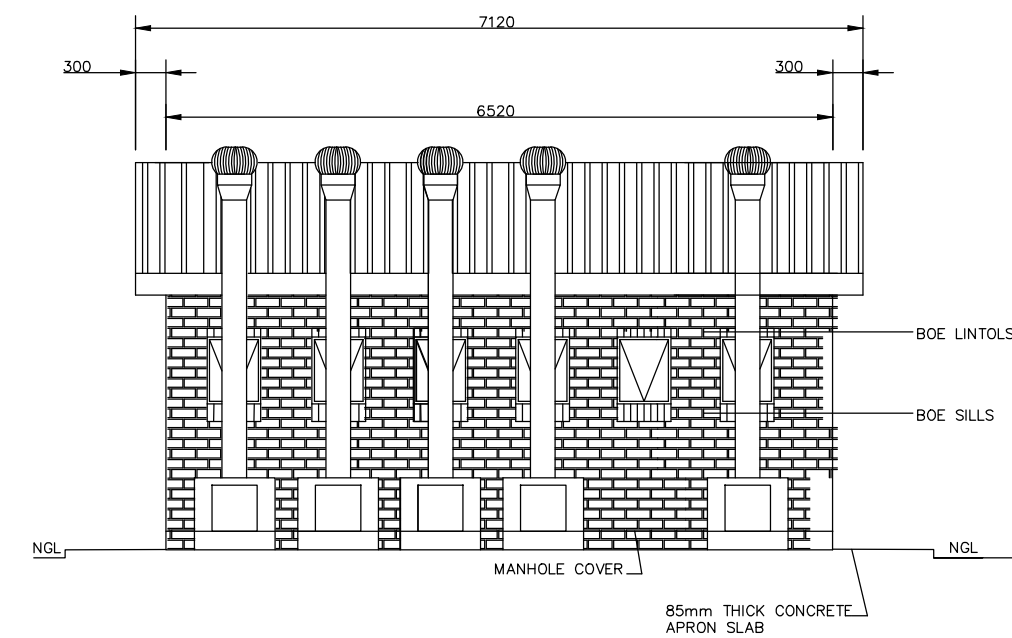


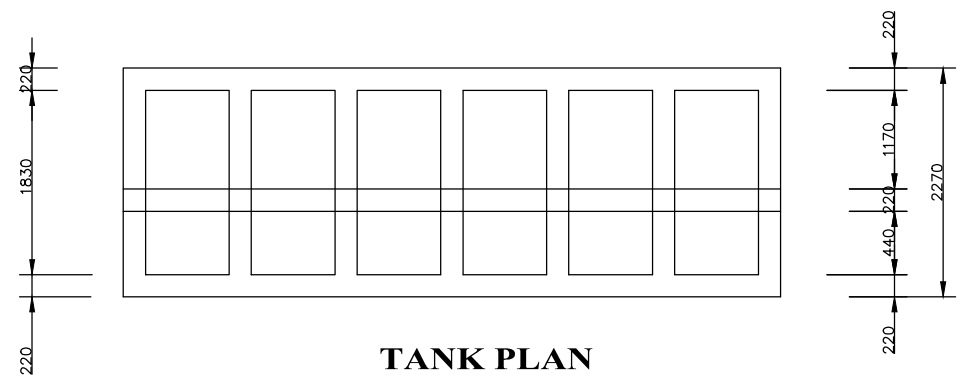
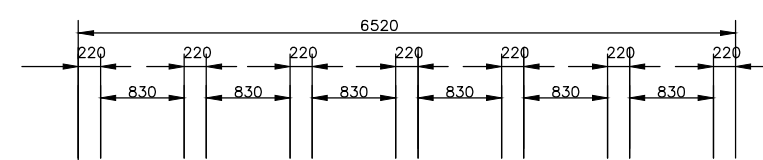
SOUTH ELEVATION
SCALE 1:75



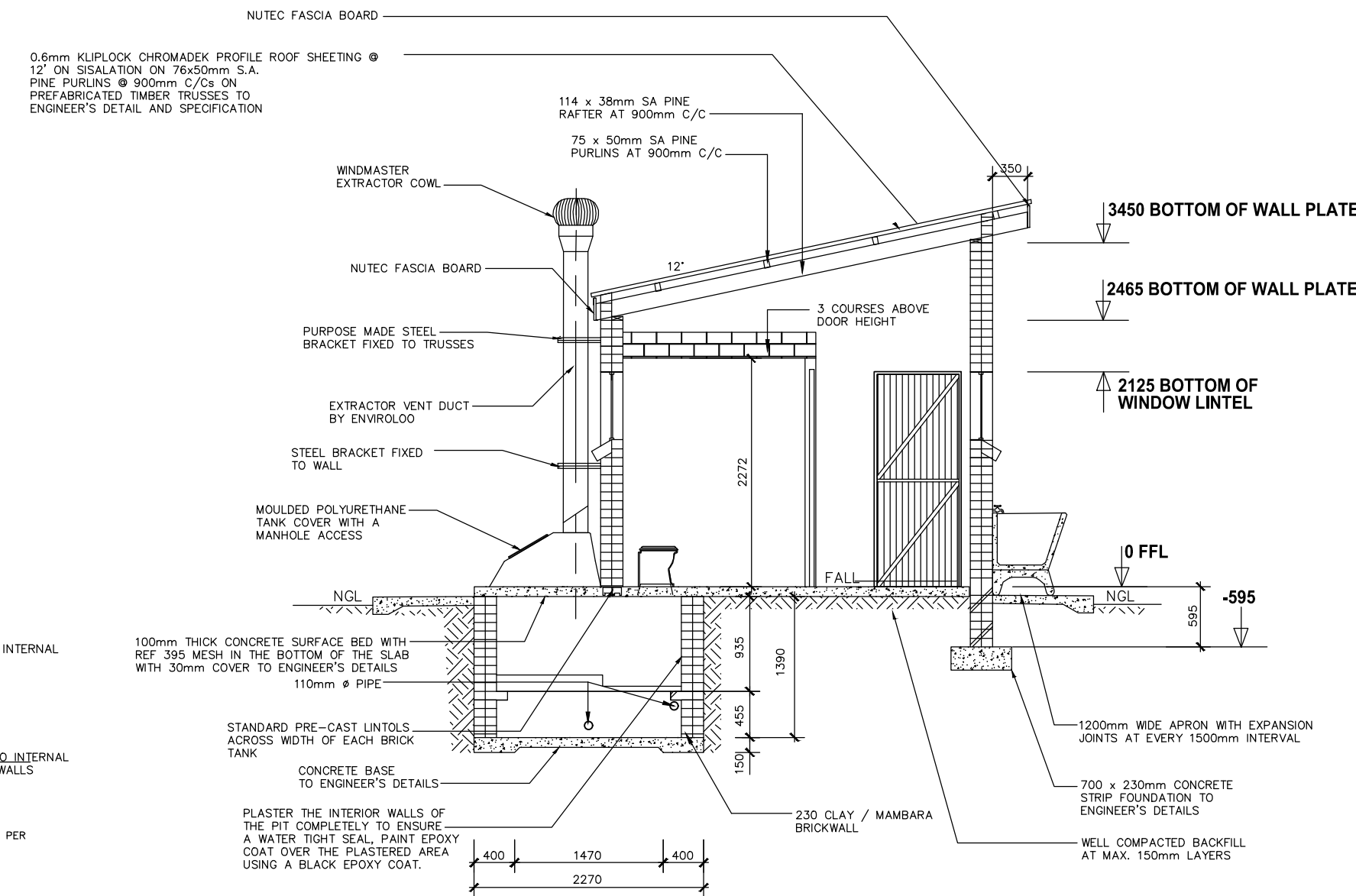
FLOOR LAYOUT
SCALE 1:75



NORTH ELEVATION
SCALE 1:75

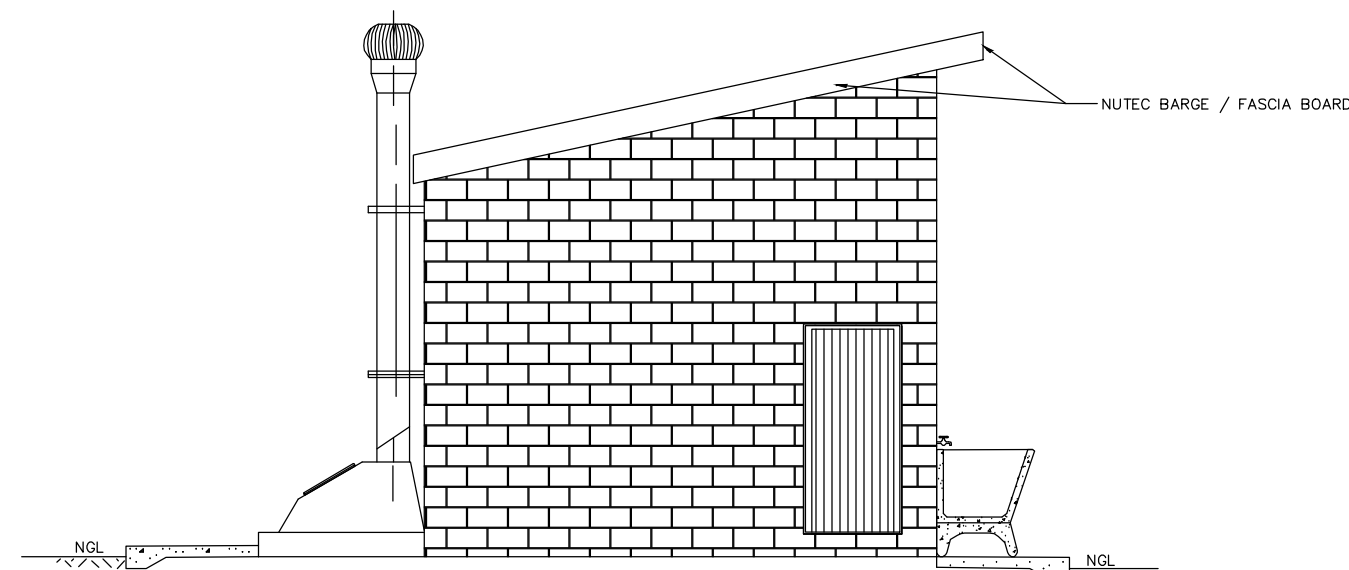


TANK PLAN
SCALE 1:75

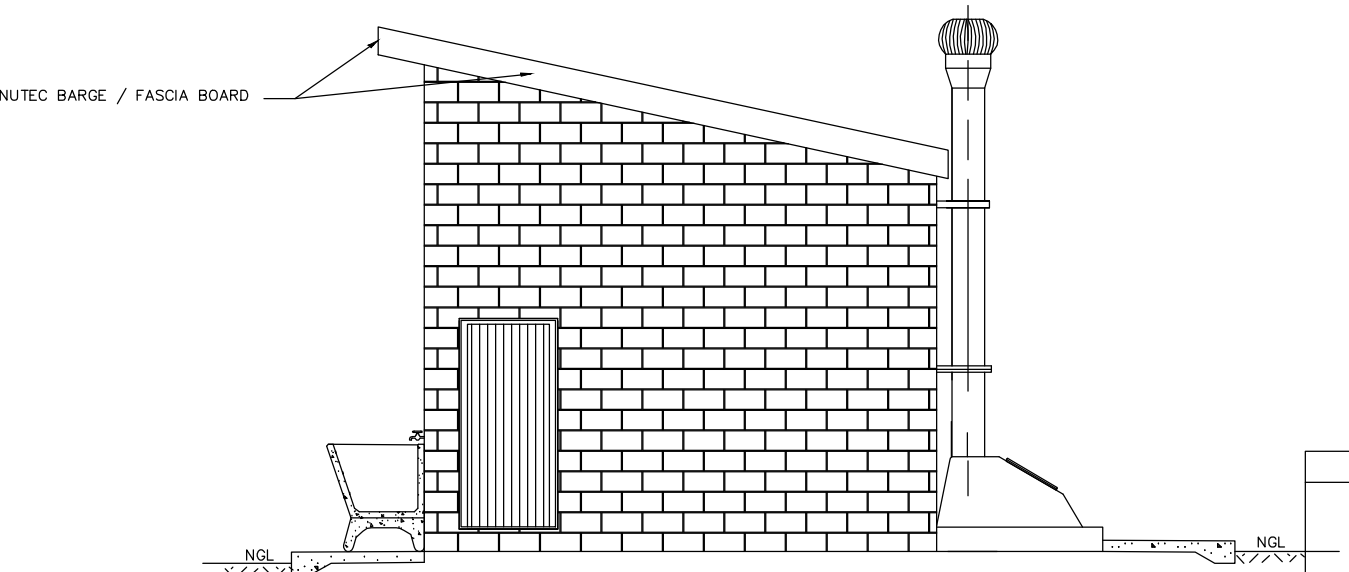


SECTION A-A
SCALE 1:75

NOTE: ENVIRO LOO INSTALLATION AS PER MANUFACTURER'S SPECIFICATION AND DETAILS



EAST ELEVATION
SCALE 1:75



WEST ELEVATION
SCALE 1:75

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 pointwork 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	1522 x 614mm 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 GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	2

ENTRANCE DOOR	
FRAME TYPE	SINGLE REBAR STEEL FRAME TO FIT 230mm WALL (23)
FRAME FINISH	PRIME AND PAINT UNDERSEAL AND 2nd PRIME COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	1400mm FRAMED LIGGED AND BRACED DOOR 1522x2134mm INCLUDING EXTERNAL WEATHER BUSH
LEAF FINISH	UNDER COAT FOR MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
ROMANERY	150mm BRACE CHAIN HOOK

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	1522 x 614mm 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 GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

DOOR SCHEDULE	
DOOR NO.	D1
CATALOGUE	1522 x 614mm HIGH STANDARD STEEL DOOR FRAME
DOOR LEAF	1522 x 614 x 44mm SEMI SOLID DOOR
LEAF FINISH	2nd PRIME GOLDEN BROWN PRIMER GLOSS ENAMEL PAINT
LOCK	2 LEVER MORTICE LOCK STANDARD AS PER MANUFACTURER WITH BUREAU LOCK
NO. REQUIRED	2

NOTES:

LEGEND:

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

CLIENT:



IMPLEMENTING AGENT:



ROP 6 RHODES DRIFT OFFICE PARK
RHODES DRIFT STREET
BENDOR, POLOKWANE 0699
Tel No.: (015) 291 2405

PROJECT ENGINEERS:



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THABAZIMBI EXT 1
THABAZIMBI 0380
Tel No.: 079 978 4501
Fax No.: 086 674 3237
E-mail: admin@kutloconsulting.co.za

PROJECT:

LIMPOPO DEPARTMENT OF EDUCATION

**WATER , SANITATION AND FENCING
PROGRAMME**

TITLE:

NTSHOENG PRIMARY SCHOOL

F5 (GIRLS)

4x SEATS & 1x DISABLED

DRAWING No.:

K1000-NP-006

SCALE:

1 : 75

DESIGNED:

BS

DRAWN:

KN

DATE:

NOVEMBER 2022

APPROVED:

BS

REV. NO.

1