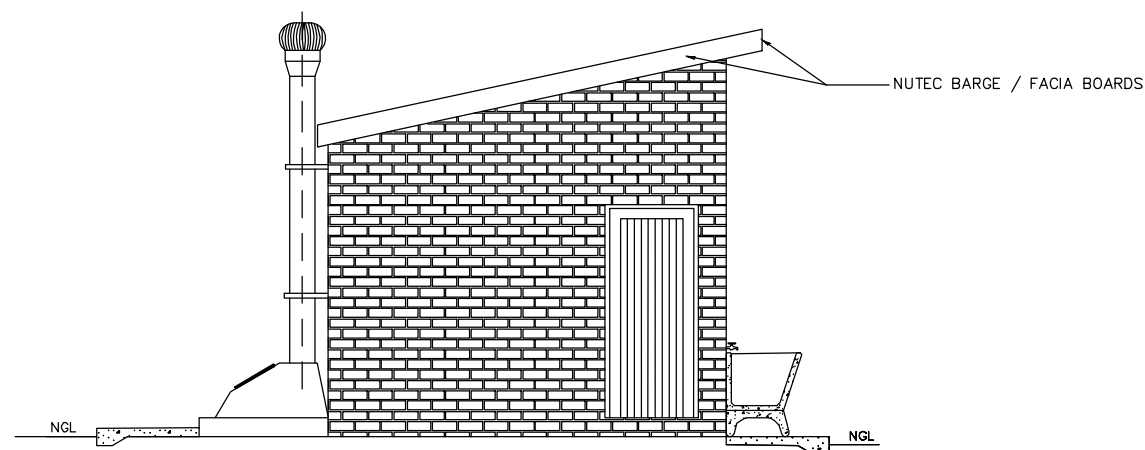
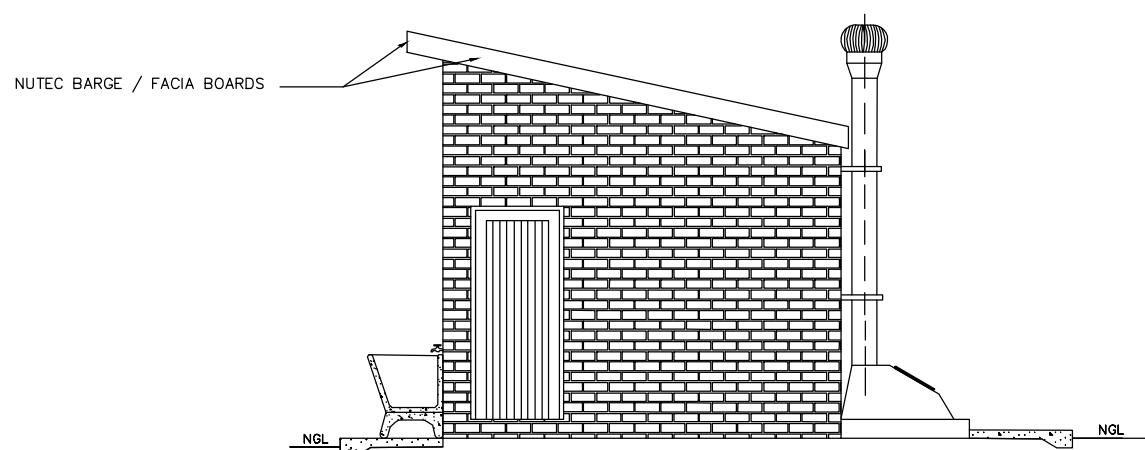


SECTION A-A
SCALE 1:75

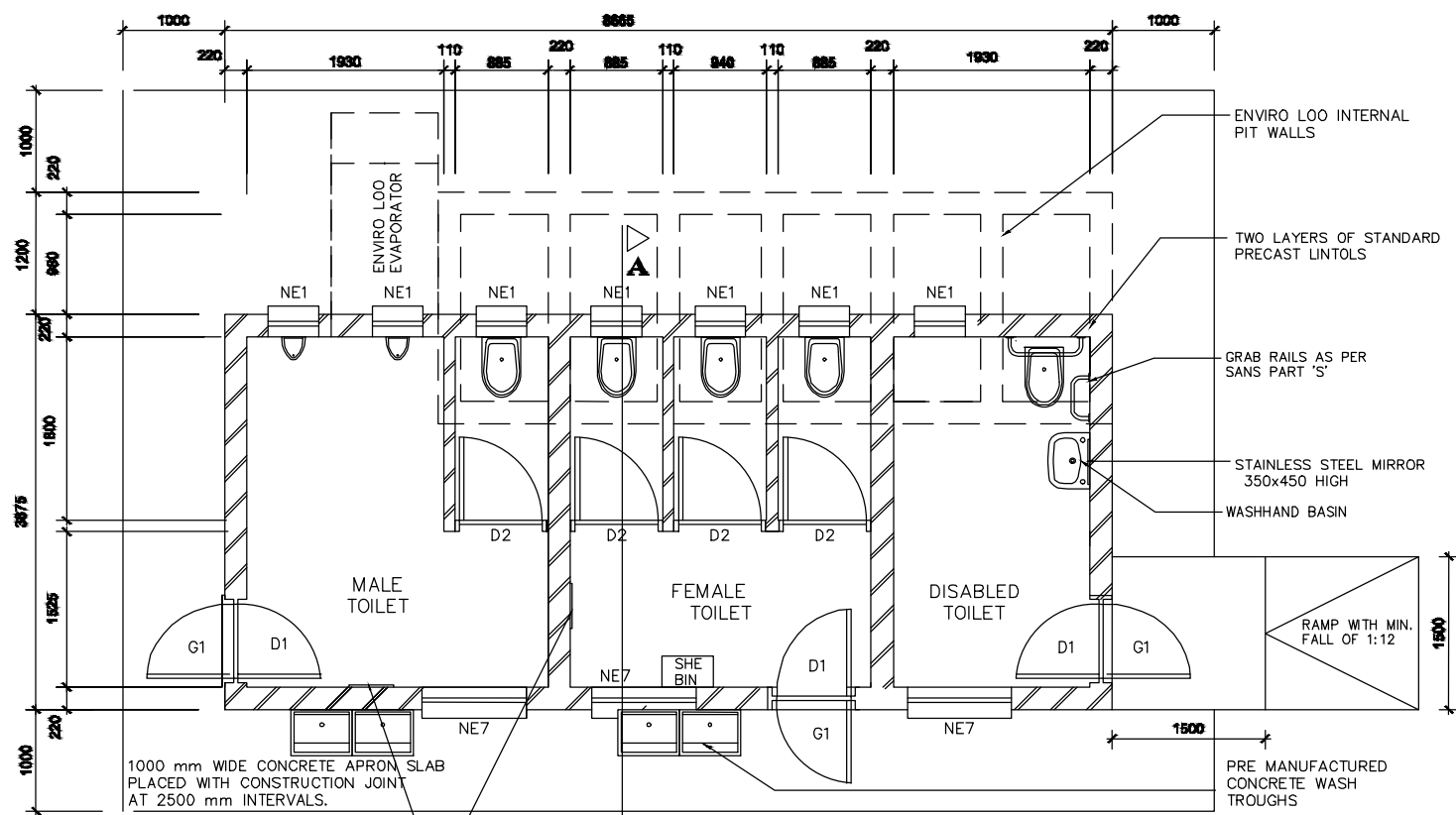
NOTE:
Enviro Loo installation
as per manufacturer's
specification and details



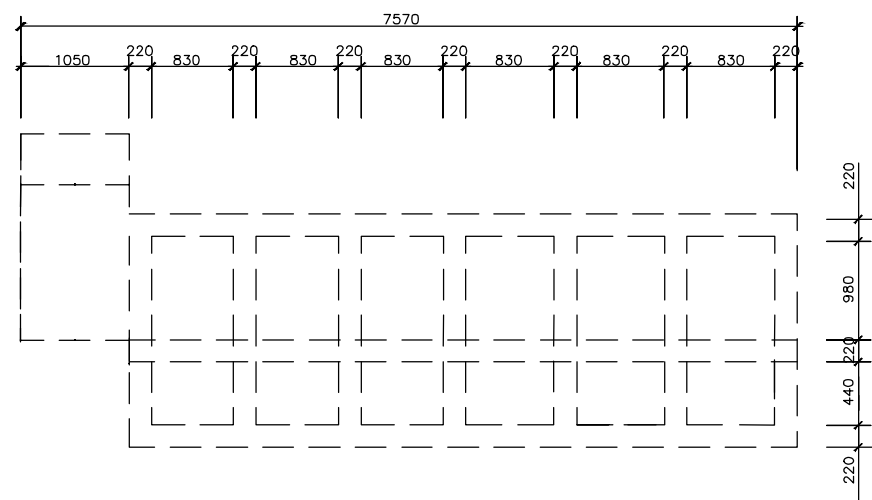
EAST ELEVATION
SCALE 1:75



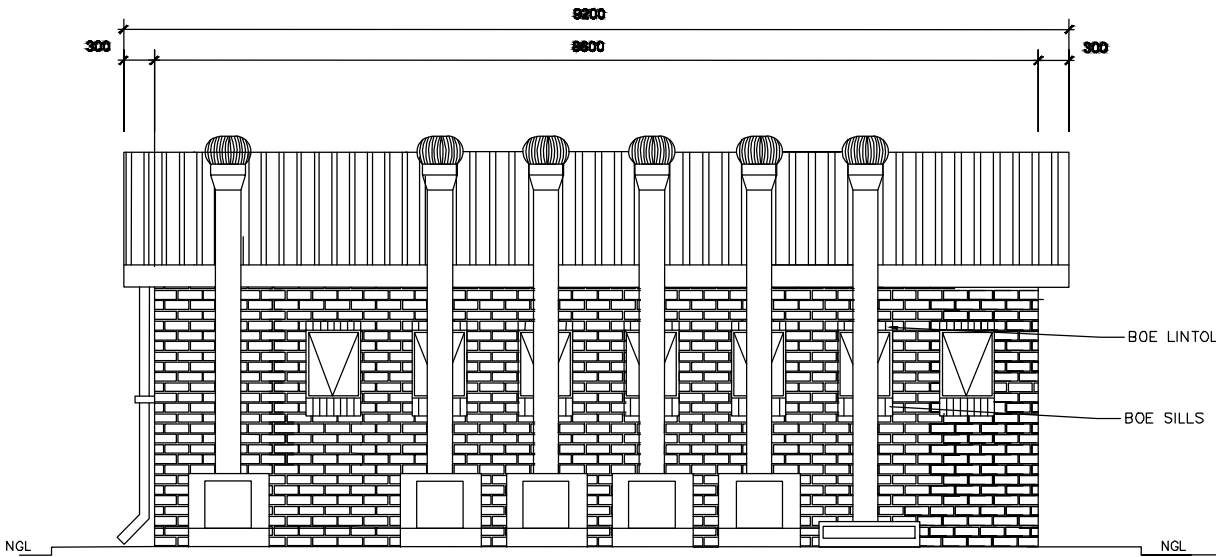
WEST ELEVATION
SCALE 1:75



FLOOR LAYOUT
SCALE 1:75



TANK PLAN
SCALE 1:75



NORTH ELEVATION
SCALE 1:75

GENERAL NOTES:

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS 0400 OF 1996
- 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:

Trid 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 intervals 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	
WIND. NO.	N2
CATALOGUE	NE7
FRAME	322 x 1840mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PREPARED IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERCOAT UNDER COAT & 2 COATS OF TOP COAT BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	2

ENTRANCE DOOR	
FRAME TYPE	DOUBLE REINFORCED STEEL FRAME TO FIT 220mm WALL (D1)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS OF TOP COAT BROWN GLOSS ENAMEL PAINT
DOOR LEAF	1400mm FRAME LEAF AND BRACKET DOOR LEAF 1400mm x 2100mm INCLUDING EXTERNAL WEATHER STRIP
LEAF FINISH	UNDER COAT & 2 COATS OF TOP COAT BROWN GLOSS ENAMEL PAINT
LOOK	3 LEVER WORTICE LOCK SET
IRONMONGERY	100mm BRACE CHAIN HOOK

WINDOW SCHEDULE	
WIND. NO.	N1
CATALOGUE	N1
FRAME	322 x 1840mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PREPARED IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERCOAT UNDER COAT & 2 COATS OF TOP COAT BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

DOOR SCHEDULE	
DOOR NO.	N1
CATALOGUE	N1
FRAME	322 x 1840mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRIME PREPARED IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & 2 COATS OF UNDERCOAT UNDER COAT & 2 COATS OF TOP COAT BROWN GLOSS ENAMEL PAINT
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	4

NOTES:

LEGEND:

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

CLIENT:



DEPARTMENT OF
EDUCATION
CNR 113 BILLARD & 24 EXCELSIOR STREET
POLOKWANE
0700

IMPLEMENTING AGENT:



ROP 6 RHODES DRIFT OFFICE PARK
RHODES DRIFT STREET
BENDOR , POLOKWANE
0699

Tel No.: (015) 291 2405

PROJECT ENGINEERS:



2 HEUWELKRUIN
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:

ABRAHAM SEROTE
SECONDARY SCHOOL
SD5 (MALE & FEMALE TEACHERS)

1x SEAT, 2x URINALS, 1x DISABLED - MALE

3x SEATS, 0x URINALS, 1x DISABLED - FEMALE

DRAWING No.:

K1000-AS-008

SCALE:

1 : 75

DESIGNED:

BS

DRAWN:

KN

DATE:

NOVEMBER 2022

APPROVED:

BS

REV. NO.

1