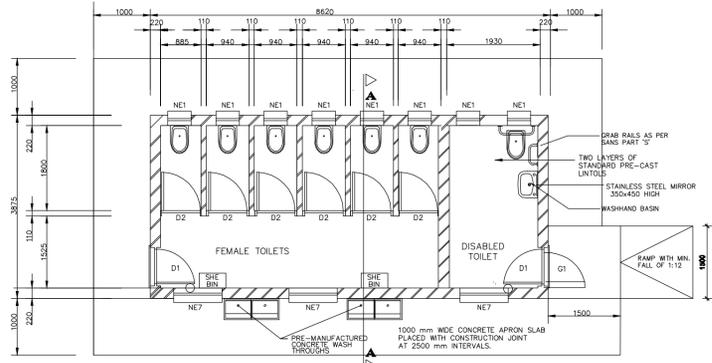
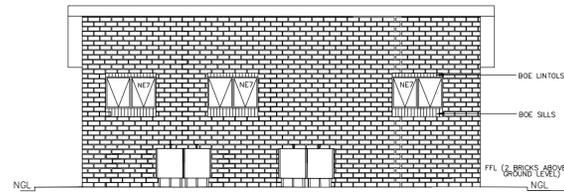


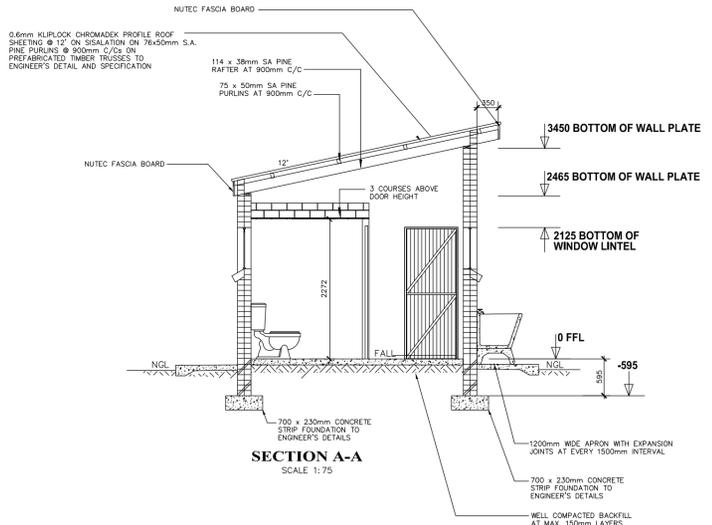
NORTH ELEVATION
SCALE 1:75



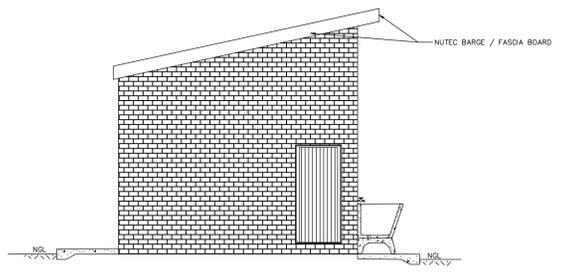
FLOOR LAYOUT
SCALE 1:75



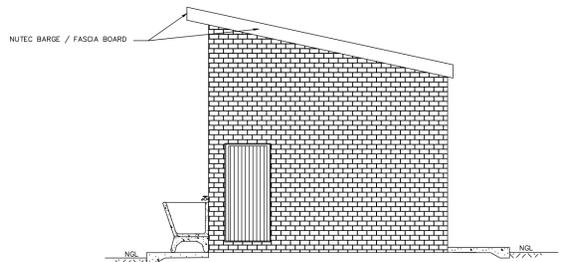
SOUTH ELEVATION
SCALE 1:75



SECTION A-A
SCALE 1:75



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.

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:

Trial 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-cotts 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 all intercessions between timber rafters and purlins.
- Sisalation is to be applied 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.

NOTES:

LEGEND:

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

CLIENT:

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

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

IMPLEMENTING AGENT:

THE MVULA TRUST
A leading developmental NGO

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

PROJECT ENGINEERS:

KUTLO CONSULTING ENGINEERS

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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:

EUREKA PRIMARY SCHOOL
F7 (GIRLS) - WATERBORNE
6x SEATS, 1x DISABLED

DRAWING No.: K1000-EP-010

SCALE: 1:75 **DESIGNED:** BS

DATE: NOVEMBER 2022 **APPROVED:** BS

REV. NO. 1

WINDOW SCHEDULE	WINDOW SCHEDULE
WINDOW NO. N2	WINDOW NO. N1
CATALOGUE NE2	CATALOGUE NE1
FRAME 1032 x 1032mm HIGH STANDARD STEEL WINDOW FRAME	1032 x 1032mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH SHIP FRAME DETAILS IN THE FRAME SURFACE WITH 250 CHROME PLATE & 40mm ALUMINIUM BRONZE COLOURED ENAMEL PAINT ON STEEL	SHIP FRAME DETAILS IN THE FRAME SURFACE WITH 250 CHROME PLATE & 40mm ALUMINIUM BRONZE COLOURED ENAMEL PAINT ON STEEL
GLAZING 6.28mm OBSCURE SAFETY GLASS	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED 2	NO. REQUIRED 4

DISABLED ENTRANCE DOOR	ENTRANCE DOOR	DOOR SCHEDULE
FRAME TYPE SINGLE REBAR STEEL FRAME TO FIT 230mm WALL (20)	SINGLE REBAR STEEL FRAME TO FIT 230mm WALL (20)	FRAME TYPE SINGLE REBAR STEEL FRAME TO FIT 230mm WALL (20)
FRAME FINISH PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC	FRAME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN BROWN VANISH GLOSS ENAMEL
DOOR LEAF 1000mm BRACE CABIN DOOR WITH 2 COATS GLOSS ENAMEL - COLOUR TBC	1000mm BRACE CABIN DOOR WITH 2 COATS GLOSS ENAMEL - COLOUR TBC	DOOR LEAF 813 x 1914 x 44mm SEM SOLID DOOR
LEAF FINISH UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC	LEAF FINISH 2nd COAT GLOSS BROWN HIGH GLOSS ENAMEL PAINT
LOOK 3 LEVER MORTICE LOCK SET	3 LEVER MORTICE LOCK SET	LOOK 2 LEVER MORTICE LOCK STANDARD AS PER MANUFACTURER WITH BARRER BOLT
HOMOLOGY 1000mm BRACE CABIN HOOK	1000mm BRACE CABIN HOOK	NO. REQUIRED 2