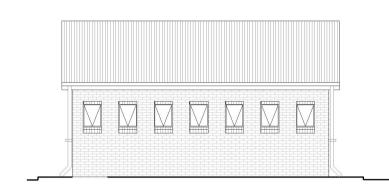


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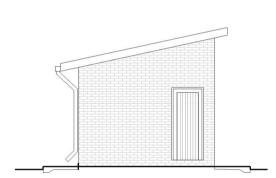
FRONT ELEVATION: SCALE 1:100



GR7 TYPE:

BACK ELEVATION:

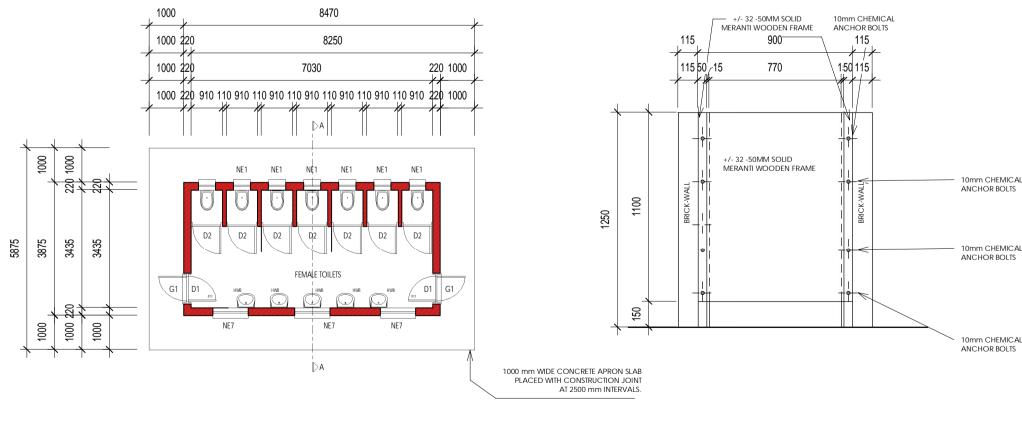
SCALE 1:100



GR7 TYPE:

SIDE ELEVATION:

SCALE 1:100



GR7 TYPE:

FLOOR PLAN:

SCALE 1:100

D2 DOOR DETAIL:

PLAN: **SCALE 1:20**

0.6mm KLIPLOCK CHROMADEK PROFILE ROOF SHEETING @

12' ON SISALATION ON 76x50mm S.A. PINE PURLINS @ 900mm C/Cs ON

NUTEC FASCIA BOARD

100mm ALUMINIUM ZINC

APPROVED MINI TYPE W.C. PANS COMPLETE WITH SEAT AND FLAP, PAN CONNECTOR, PAN COLLAR, FLUSH RUBBERS AND LUCIFER CLAMPS

FIXING INTO POSITION, CONFIRMED TO FLOOR. ALL CONNECTIONS TO CISTERNS AND DRAINAGE TO THE OUTSIDE OF THE BUILDING. (COLOR

100mm THICK CONCRETE SURFACE BED WITH REF 395 MESH IN THE BOTTOM OF THE SLAB

SECTION A-A:

GR7 TYPE:

GR7 TYPE:

SCALE 1:100

SIDE ELEVATION:

SCALE 1:50

75 x 50mm SA PINE

PURLINS AT 900mm C/C

GENERAL NOTES AND SPECIFICATIONS:

- 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

3450 BOTTOM OF WALL PLATE

2465 BOTTOM OF WALL PLATE

2125 BOTTOM OF WINDOW LINTEL

1200mm WIDE APRON WITH EXPANSION JOINTS AT EVERY 1500mm INTERVAL

WELL COMPACTED BACKFILL AT MAX. 150mm LAYERS

590 540 480 540 480 540 480 540 480 540 480 540 480 540 540 590

| 220 | 910 | 110 | 910 | 110 | 910 | 110 | 910 | 110 | 910 | 110 | 910 | 120 |

FOUNDATION PLAN:

MERANTI WOODEN FRAME

GR7 TYPE:

SCALE 1:100

D2 DOOR DETAIL:

SCALE 1:20

ELEVATION:

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

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 Strenght 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 expoxy paint installing Enviro-Loo units.

- 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-colts vermin proofed lourved air grating to be used above all window openings.

ROOF SHEETING

1. 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

- 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.

6.28mm obscure safety glass Stainless steel mirrors size 350x450mm high.

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.

7 OFF: SOLID HARDWOOD TIMBER FRAME TO FIT 220mm FRAME TYPE: 2 COATS APPLICATION OF VARNISH FRAME FINISH: 50mm Framed Ledged and Braced Door Size 800x1100mm including external weather bar DOOR LEAF: COATS APPLICATION OF VARNISH LEAF FINISH: 1 LEVER MORTICE LOCK SET LOCK: 100mm BRACE CABIN HOOK **IRONMONGERY**:

ENTRANCE DOOR

813

2 OFF:

SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)

PRIME AND PAINT UNDERCOAT AND 2no. FINISHING COATS IN GLOSS ENAMEL COLOUR TBC

44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR

UNDER COAT AND MINIMUM 2 COATS GLOSS

1 LEVER MORTICE LOCK SET

100mm BRACE CABIN HOOK

CUBICLE DOOR

TYPE D1:

FRAME TYPE:

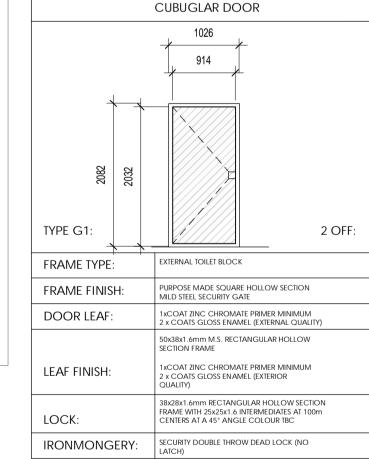
FRAME FINISH:

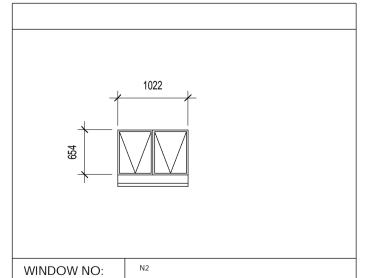
DOOR LEAF:

LEAF FINISH:

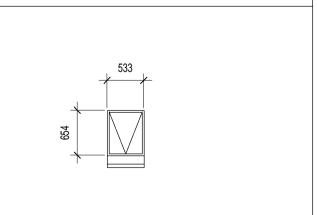
IRONMONGERY:

LOCK:

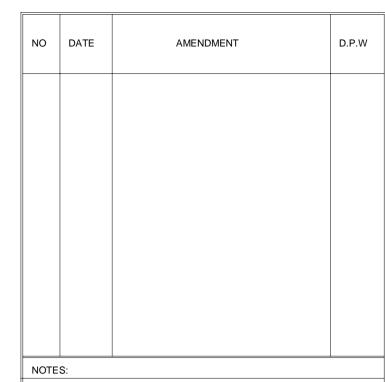




WINDOW NO:	N2
CATALOGUE:	NE7
FRAME:	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH:	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING:	6.28mm OBSCURE SAFETY GLASS
NO REQUIRED:	3



WINDOW NO:	N1
CATALOGUE:	NE1
FRAME:	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH:	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING:	6.28mm OBSCURE SAFETY GLASS
NO REQUIRED:	7



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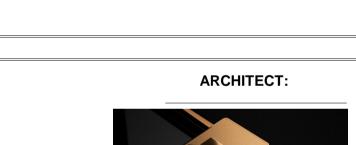
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KEYPLAN:



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DWG FILE NAME:



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CONTRACTOR:

LOGO:

CONSULTANT/DEPARTMENTAL

15 PIERRE STREET BENDOR 0699

OFFICE NO: 2, IT PARK

WCS NUMBER: TSHILWAVISUKU PRIMARY SCHOOL

LIMPOPO PROVINCE

TYPE NUMBER:

DRAWING TITLE: **WATER-BORNE ABLUTIONS:**

GR7 TYPE: REF NO: -DRAWN BY: K.M

CHECKED BY: K.M SCALE: 1:100 DATE: **10.2023 VERIFIED BY: K.M**

GR7

DWG NUMBER:

W100:GR7