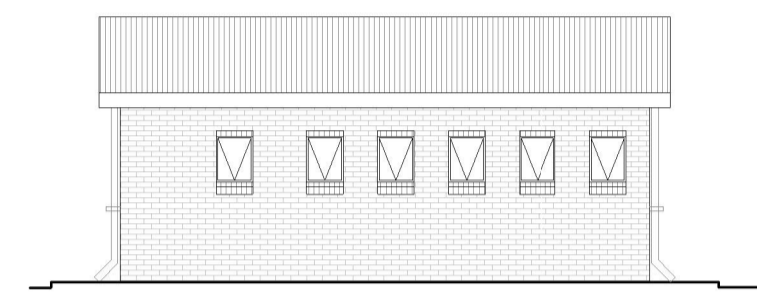
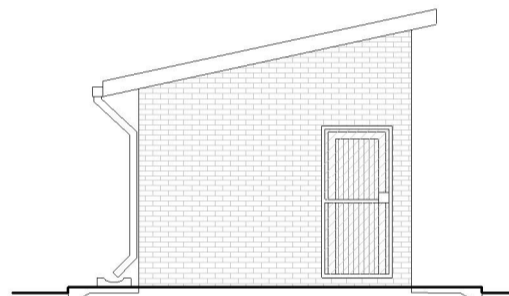


GRD5 TYPE:  
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SCALE 1:100

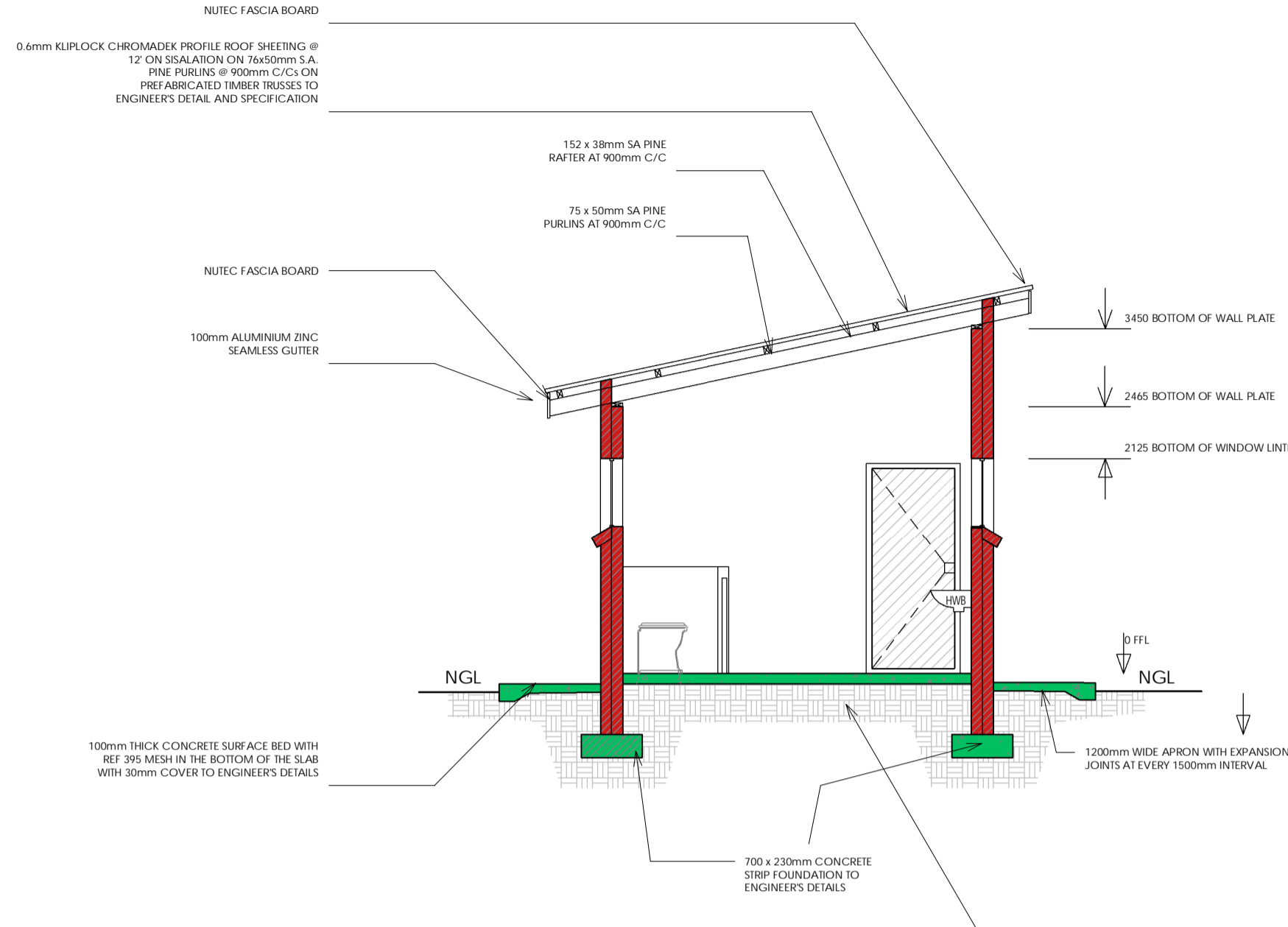


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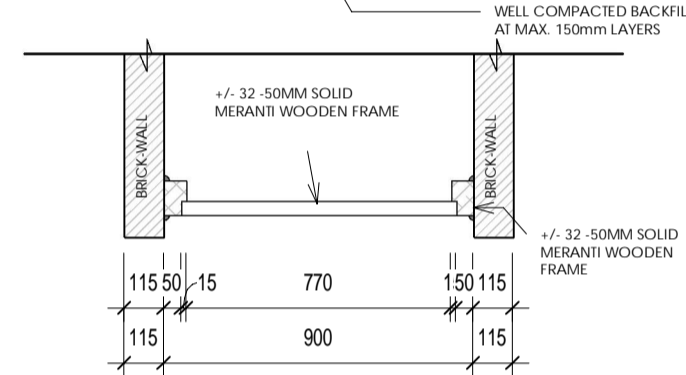


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SCALE 1:100

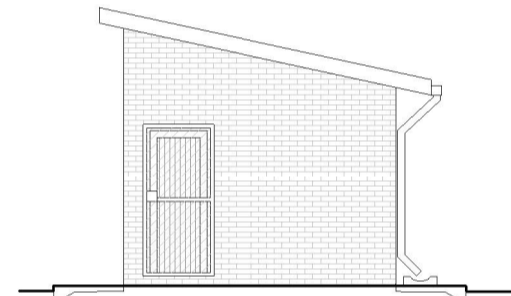
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SCALE 1:50



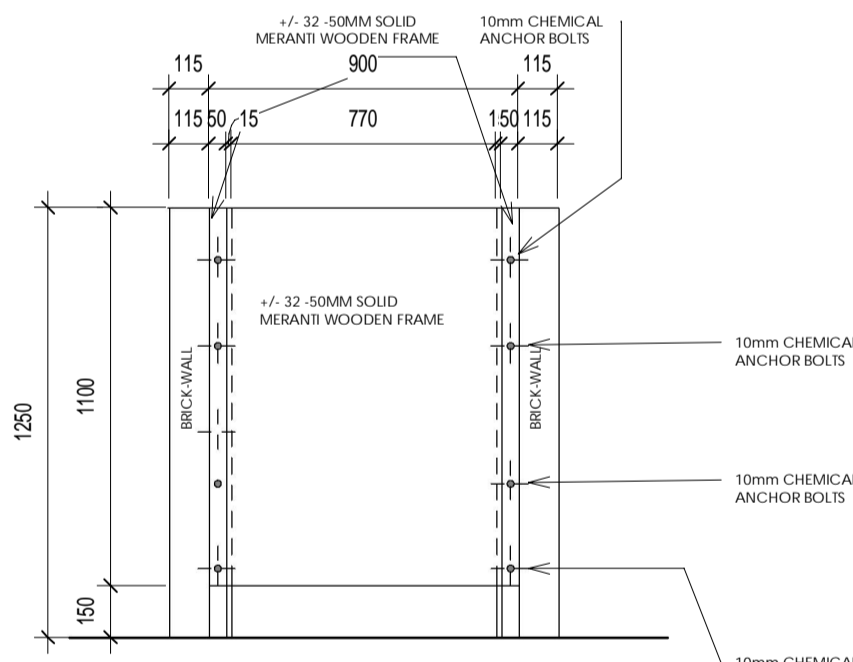
D3 DOOR TYPE DETAIL:  
**PLAN:**  
SCALE 1:20



GRD5 TYPE:  
**SIDE ELEVATION:**  
SCALE 1:100



D3 DOOR TYPE DETAIL:  
**ELEVATION:**  
SCALE 1:20



**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**
- 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. 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-cotta vermin proofed louvered air grating to be used above all window openings.

- ROOF SHEETING**
- 0.6mm Kiplock chromadek roof sheeting.

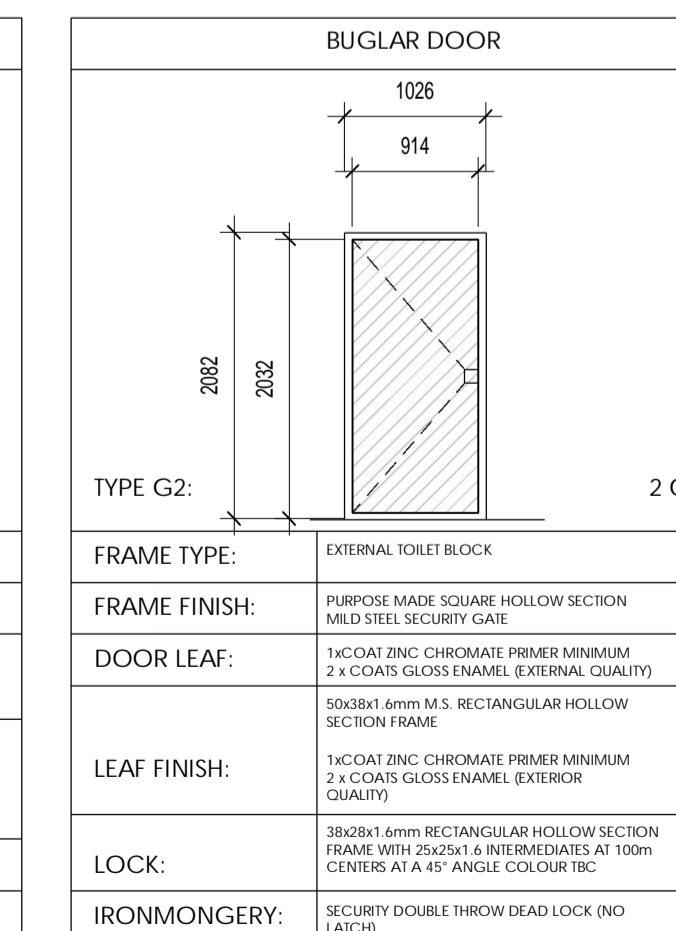
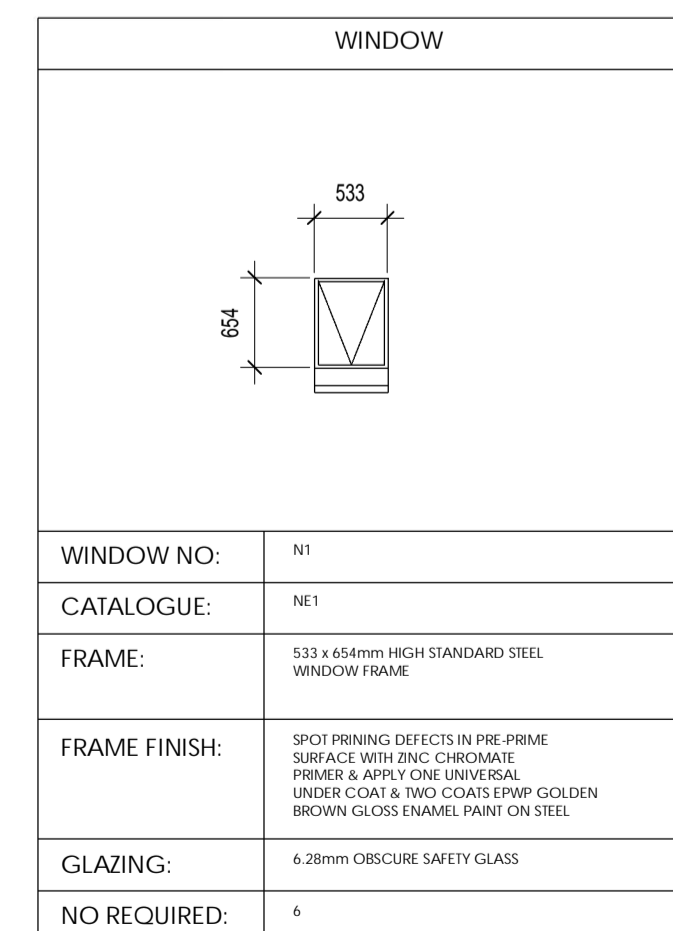
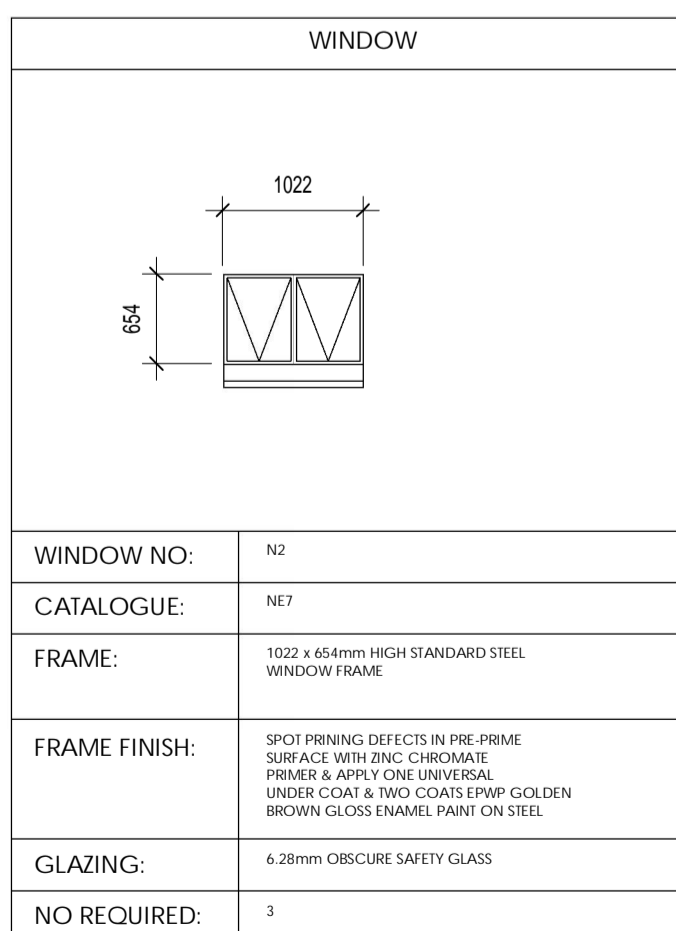
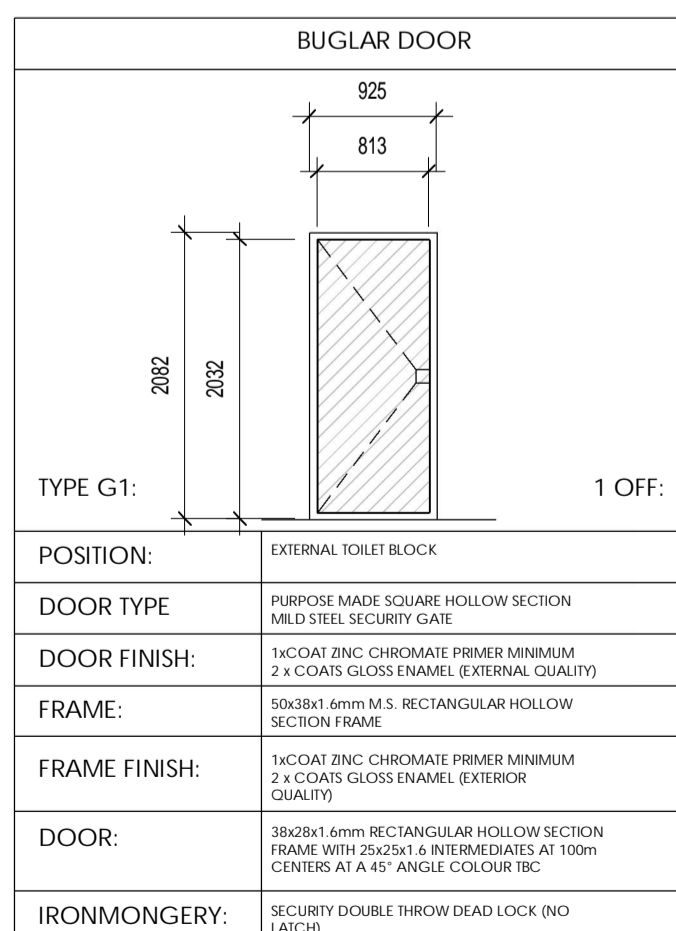
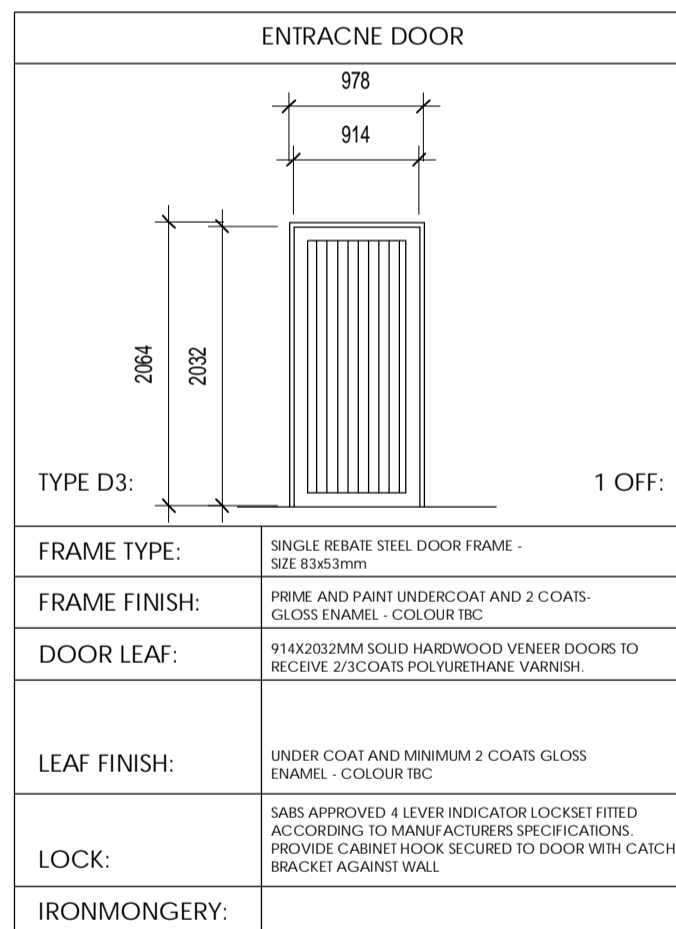
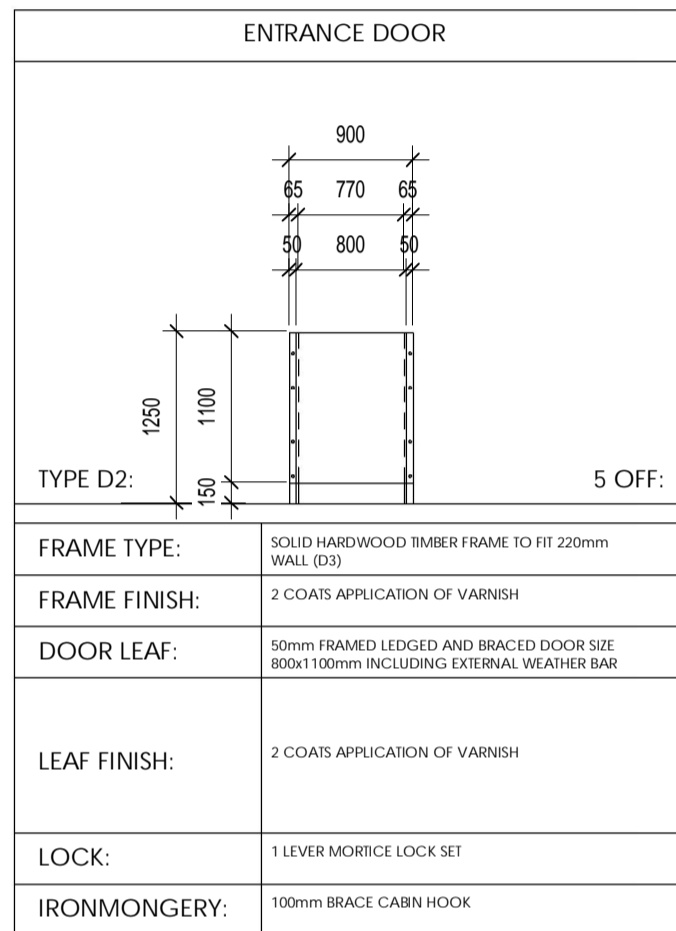
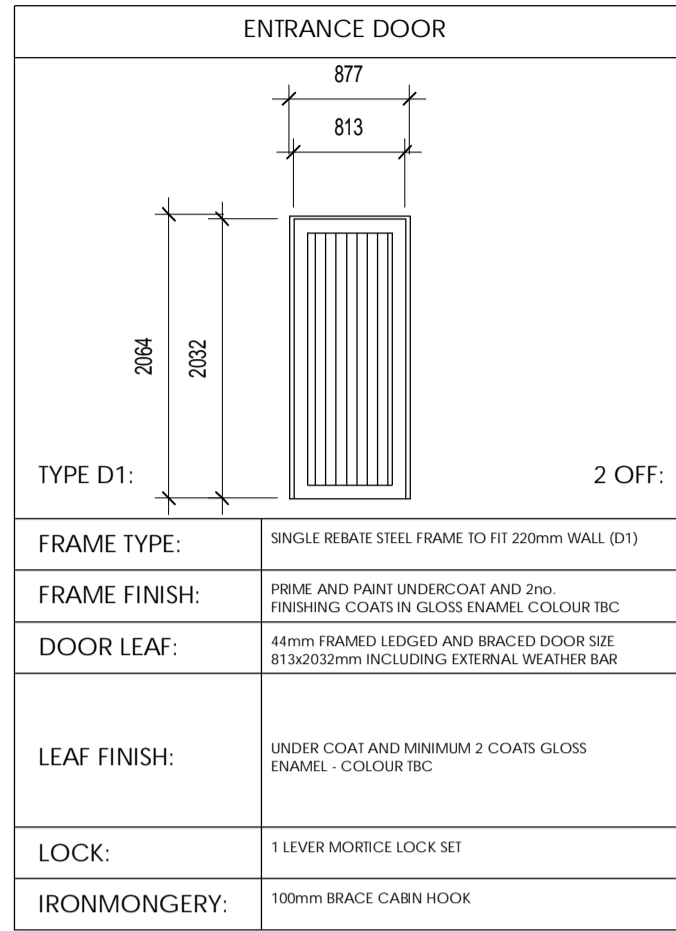
- ROOF TIMBER / CEILING**
- All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
  - Timber connections (Hurricane Clips) are required all interconnections between timber rafters and purlins.
  - Sisalation is to be applied interval under all roof surfaces.

- 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.



NO	DATE	AMENDMENT	D.P.W

**NOTES:**

- ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE. PRIOR TO THE COMMENCEMENT OF SETTING OUT, WORKSHOP DRAWINGS OR CONSTRUCTION, FIGURED DIMENSIONS TO BE USED IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WITH ANY WORK.
- ALL SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.
- ALL WORK IS TO BE EXECUTED IN STRICT ACCORDANCE WITH SANS CODES, BY-LAWS AND REGULATIONS OF THE LOCAL AUTHORITY, WHERE REQUIRED. ARCHITECTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE RELEVANT CONSULTANT'S DRAWINGS. COPYRIGHT AND RIGHT OF REPRODUCTION OF THIS DRAWING OR ANY PORTION THEREOF IS RESERVED AND REMAINS WITH GSA.
- ALL CONSTRUCTION WORK MUST COMPLY WITH THE LAWS OF THE LAND, SANS 1040, THE NATIONAL BUILDING STANDARDS AND LOCAL AUTHORITY BY LAWS AND MODEL PREAMBLES.

KEY PLAN:

DEPARTMENT:

SPONSOR:

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DWG FILE NAME:

ARCHITECT:

71 BUFFALO CR ST | 31 KINGFISHER | WOODLANDS  
BENDOR 0699 TEL: 082 215 5937

CONSULTANT/DEPARTMENTAL

DIATHO CONSULTING (PTY) LTD  
OFFICE NO: 2, IT PARK  
15 PIERRE STREET  
BENDOR 0699  
TEL : 087 510 5242  
CELL : 064 526 9369  
FAX : 086 415 6426

DISCIPLINE: **CONTRACTOR:**

WCS NUMBER:

**TLHABELANI PRIMARY SCHOOL**

**LIMPOPO PROVINCE**

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

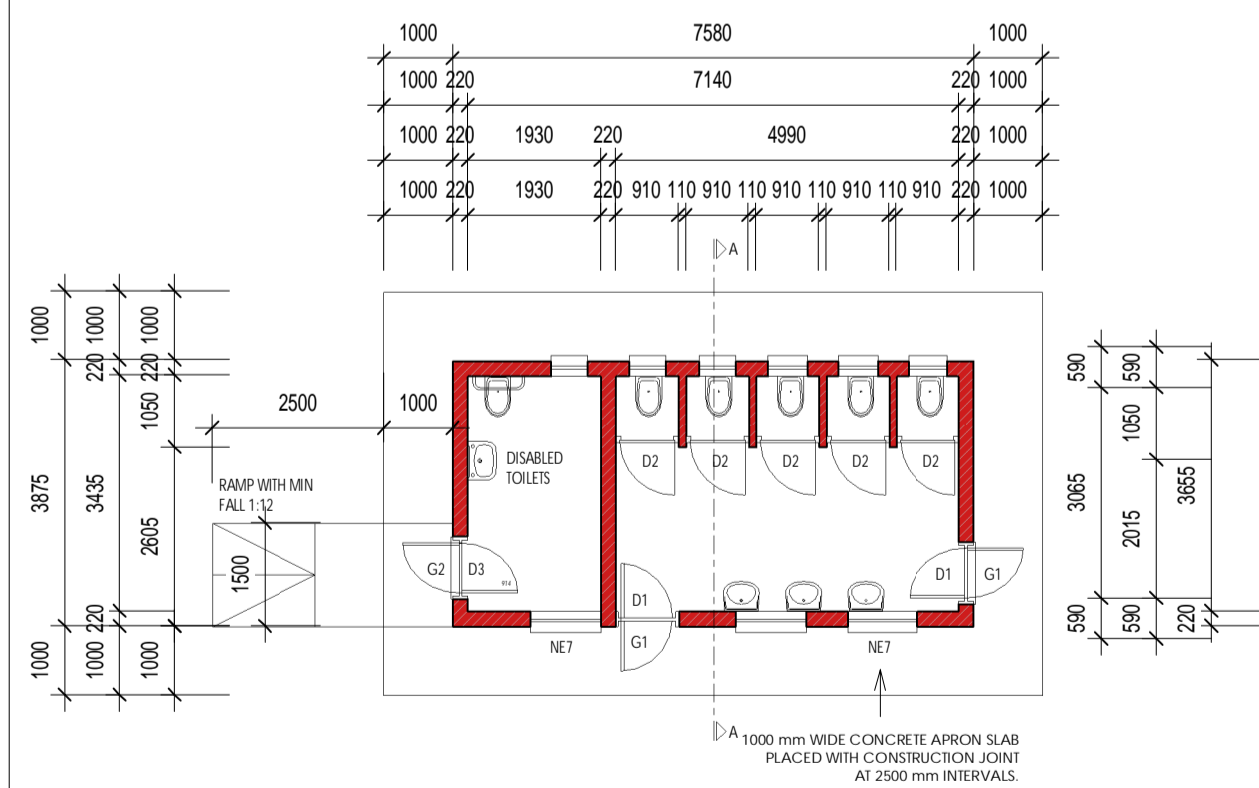
GRD5 TYPE:  
REF NO: - DRAWN BY: **K.M**

SCALE: **1:100** CHECKED BY: **K.M**

DATE: **09.2023** VERIFIED BY: **K.M**

TYPE NUMBER: **GRD5**

DWG NUMBER: **W100:GRD5**



GRD5 TYPE:  
**FLOOR PLAN:**  
SCALE 1:100

GRD5 TYPE:  
**FOUNDATION PLAN:**  
SCALE 1:100

