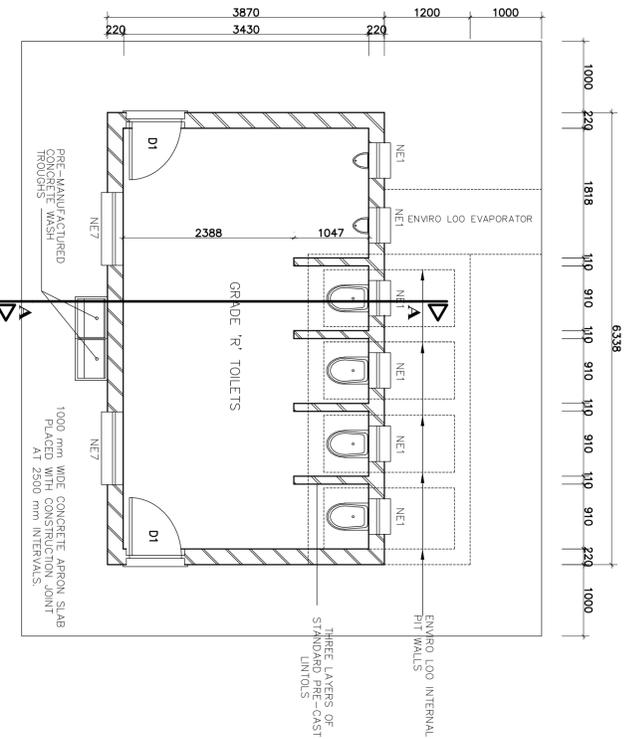
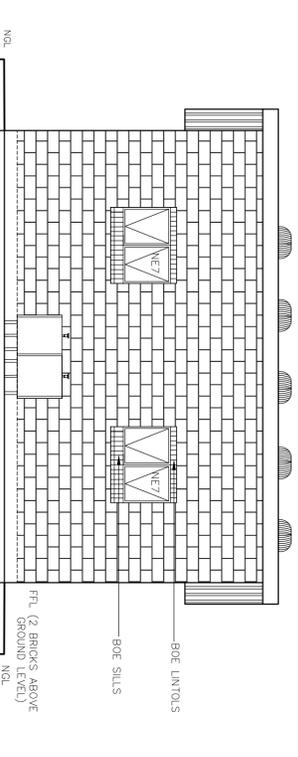


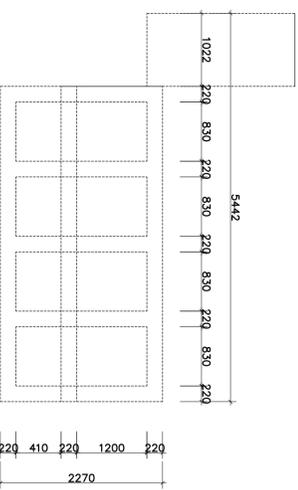
BACK
SCALE 1:50



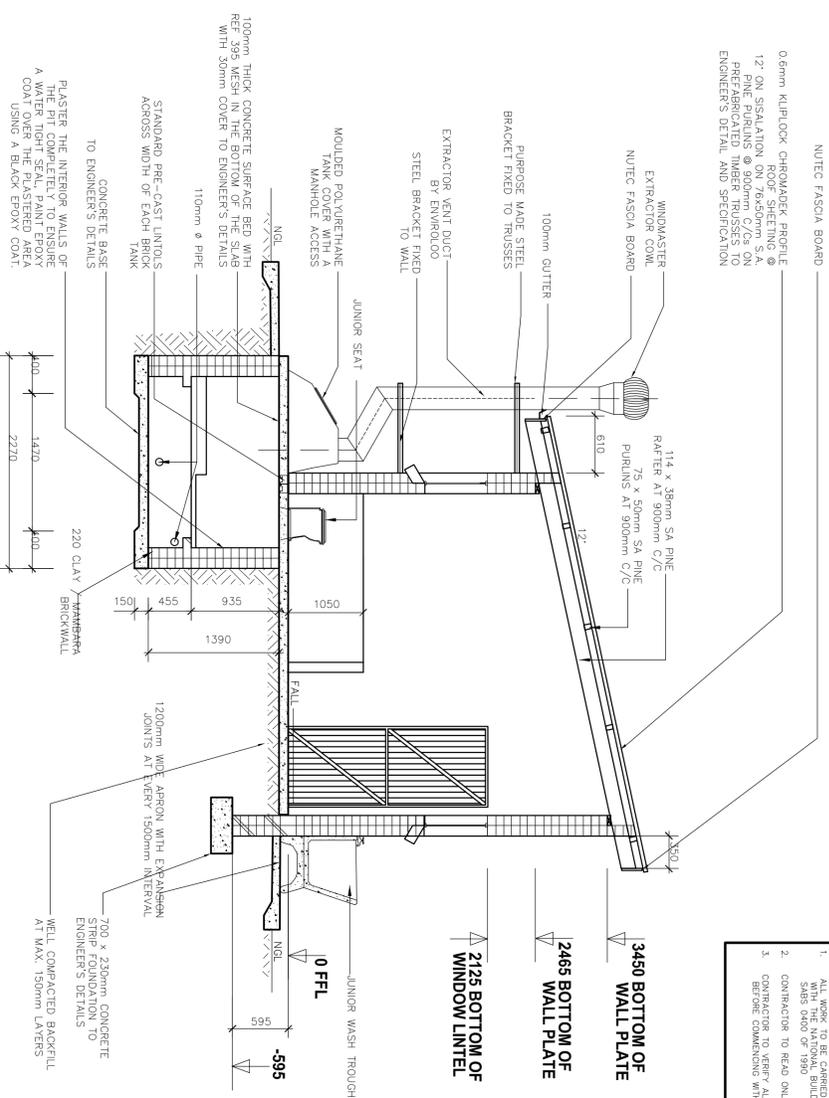
FLOOR LAYOUT
SCALE 1:50



FRONT
SCALE 1:50



TANK PLAN
SCALE 1:50

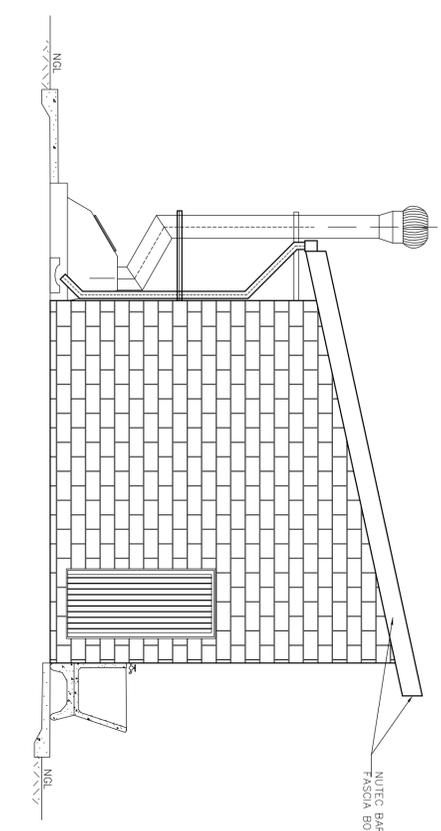


SECTION A-A
SCALE 1:50

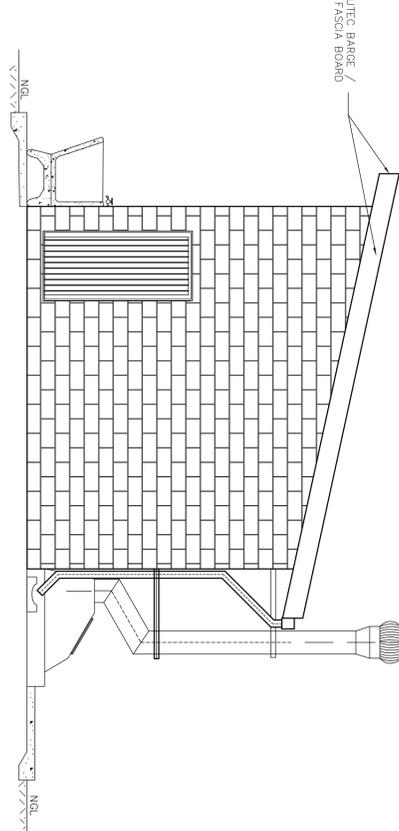
- GENERAL NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING CONSTRUCTION.
 2. DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO ARCHITECTS IMMEDIATELY THEY BECOME EVIDENT.
 3. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.
 4. COPYRIGHT AND RIGHT OF REMEDIATION OF THE DRAWINGS OR ANY PORTION THEREOF IS RESERVED N/A ARCHITECTS.

GR4

- NOTES AND SPECIFICATIONS:**
1. Use dimensions provided and do not scale drawing.
 2. All work to comply with SANS, PNZ1 and SABS on site prior to construction.
 3. All concrete work to be as per Engineer's details and specifications.
 4. All pits to face North.
 5. All pits to have concrete at every 2nd course in pit lining and 3rd course in superstructure.
- PIT ENCAUSURE:**
1. All stages of pit excavation to be inspected and approved by Engineer and signed off.
 2. All pit lining to be inspected by Engineer's Services before side casting.
- COMPLETION OF SURFACES:**
- All ground surfaces receiving concrete floors / slab should be compacted to 150mm layers 92% ModASHTO density before casting concrete.
- CONCRETE WORKS:**
1. All concrete to be cast as per Engineer's details and specifications.
 2. 25 Mpa strength concrete to be used throughout construction.
 3. 30 Mpa ModASHTO concrete to be used throughout construction.
- Concrete Slabwork at 28 Days 25Mpa:**
1. Bag cement : 0.08m³ Sand : 0.07m³ Stone (Volume/Bag)
 2. Pre-cast concrete slabs to be used as support under top slab of pit.
 3. All concrete slabs to be 1000mm wide.
 4. All concrete slabs to be 1000mm wide.
- MORTAR:**
- Mixed proportions to be as per Engineer's details and specifications (1:1 Bag cement : 3 wheelbarrows (37 litres) sand)
- BRICKWORK:**
1. Sub-structure / foundation to be solid M20 concrete.
 2. All external surface of pit lining to be plastered with two coats thick epoxy paint including Envo-100 until.
 3. All brickwork above door openings should have brickwork on every course at least 3 courses above door height.
 4. All brickwork above door openings should have brickwork on every course at least 3 courses above door height.
 5. All brickwork above door openings should have brickwork on every course at least 3 courses above door height.
 6. All brickwork above door openings should have brickwork on every course at least 3 courses above door height.
- ROOF SHEETING:**
1. Galvanneal (grainstone) roof sheeting.
 2. All steel windows and door frames including doors and fascia / barge boards to be painted.
- ROOF TIMBER / CEILING:**
1. All roof timbers to be finished SABS treated wood with three coats of approved wood preservative.
 2. Timber connections (Furniture Clips) are required at intersections between timber members.
 3. Sillboards to be applied inwards under all roof surfaces.
 4. All metalwork should be primed before installation.
 5. All steel window and door frames should have 60x20mm hot bar burglar proofing PLANKING.
 6. All metalwork should be primed before installation.
 7. All metalwork should be primed before installation.
 8. All metalwork should be primed before installation.
 9. All metalwork should be primed before installation.
 10. All metalwork should be primed before installation.
- GLAZING:**
1. All glazing to be installed in accordance with SANS 1040-2:2012.
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 10. All glazing to be installed in accordance with SANS 1040-2:2012.



SIDE
SCALE 1:50



SIDE
SCALE 1:50

WINDOW SCHEDULE

| | |
|--------------|---|
| WINDOW NO. | N2 |
| CATALOGUE | NE7 |
| FRAME | 1022 x 877mm HIGH STANDARD STEEL WINDOW FRAME |
| FRAME FINISH | SPOT FINISHING DEFECTS IN PRE-FRAME PRIMER & APPLY ONE UNIVERSAL COLOUR BROWN GLOSS ENAMEL PAINT ON STEEL |
| GLAZING | 6.28mm OBSCURE SAFETY GLASS |
| NO. RECORDED | 2 |

WINDOW SCHEDULE

| | |
|--------------|---|
| WINDOW NO. | N1 |
| CATALOGUE | NE1 |
| FRAME | 553 x 854mm HIGH STANDARD STEEL WINDOW FRAME |
| FRAME FINISH | SPOT FINISHING DEFECTS IN PRE-FRAME PRIMER & APPLY ONE UNIVERSAL COLOUR BROWN GLOSS ENAMEL PAINT ON STEEL |
| GLAZING | 6.28mm OBSCURE SAFETY GLASS |
| NO. RECORDED | 6 |

ENTRANCE DOOR

| | |
|--------------|--|
| FRAME TYPE | FRONT HEAVY STEEL FRAME TO FIT 2500mm WALL (D) |
| FRAME FINISH | FRAME AND PAINT UNDERCOAT AND 2 COATS 75% ZINC OXIDE RICH ENAMEL COLOUR TO BE MATCHED TO EXISTING EXTERIOR WALLS |
| DOOR LEAF | 4500mm FRAME LEDGED AND BRACED DOOR SIZE 2032x2064mm INCLUDING EXTERNAL MORTISE BAR |
| LEAF FINISH | UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TO BE MATCHED TO EXISTING EXTERIOR WALLS |
| LOCK | 1.1 LEVER MORTISE LOCK SET |
| REWORKING | 100mm BRACE CORNER IRON |

BURGULAR DOOR

| | |
|--------------|--|
| POSITION | EXTERNAL TOILET BLOCK |
| DOOR TYPE | FRONT HEAVY STEEL DOOR WITH 2500mm WALL SECTION |
| DOOR FINISH | FRAME AND PAINT UNDERCOAT AND 2 COATS 75% ZINC OXIDE RICH ENAMEL COLOUR TO BE MATCHED TO EXISTING EXTERIOR WALLS |
| FRAME | 4500mm FRAME LEDGED AND BRACED DOOR SIZE 2032x2064mm INCLUDING EXTERNAL MORTISE BAR |
| FRAME FINISH | UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TO BE MATCHED TO EXISTING EXTERIOR WALLS |
| DOOR | FRAME WITH 2500mm INTERLOCKING AT 1050mm CENTRE TO 4.25mm BRACE CORNER IRON |
| REWORKING | 100mm BRACE CORNER IRON |

GENERAL NOTES:

- ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING CONSTRUCTION.
- FIGURED DIMENSIONS ONLY TO BE USED.
- DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO ARCHITECTS IMMEDIATELY THEY BECOME EVIDENT.
- SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.
- COPYRIGHT AND RIGHT OF REMEDIATION OF THE DRAWINGS OR ANY PORTION THEREOF IS RESERVED N/A ARCHITECTS.

Revisions During Construction

| | | | |
|--------|-------------|-----------------------|-------|
| Rev #: | Issue Date: | Revision Description: | SIGN: |
| 1 | | | |

Client: THE MWULA TRUST
A leading developmental NGO
THE MWULA TRUST LIMPOPO

Project Information:
Client project number: CLUSTER 04
Project Title: PROPOSED NEW WATER, SANITATION AND FENCING FOR THE MWULA TRUST
Site Information: PHUTI MAKIBELO PRIMARY SCHOOL, GA-MAKIBELO VILLAGE
EMIS NO.: 922221302

Project Architectural Team:
Project Architectural Technicians:
Drawing Title: ENVIROLOO PROTOTYPE - GRADE R/4 SEATS, URINAL 2

Project Schedule:
Scale: AS SHOWN
Drawing number: 104
Project number: 104
Drawing date: 2022/06/30
Drawing revision: 0

Project Location:
Scale: AS SHOWN
Drawing number: 104
Project number: 104
Drawing date: 2022/06/30
Drawing revision: 0