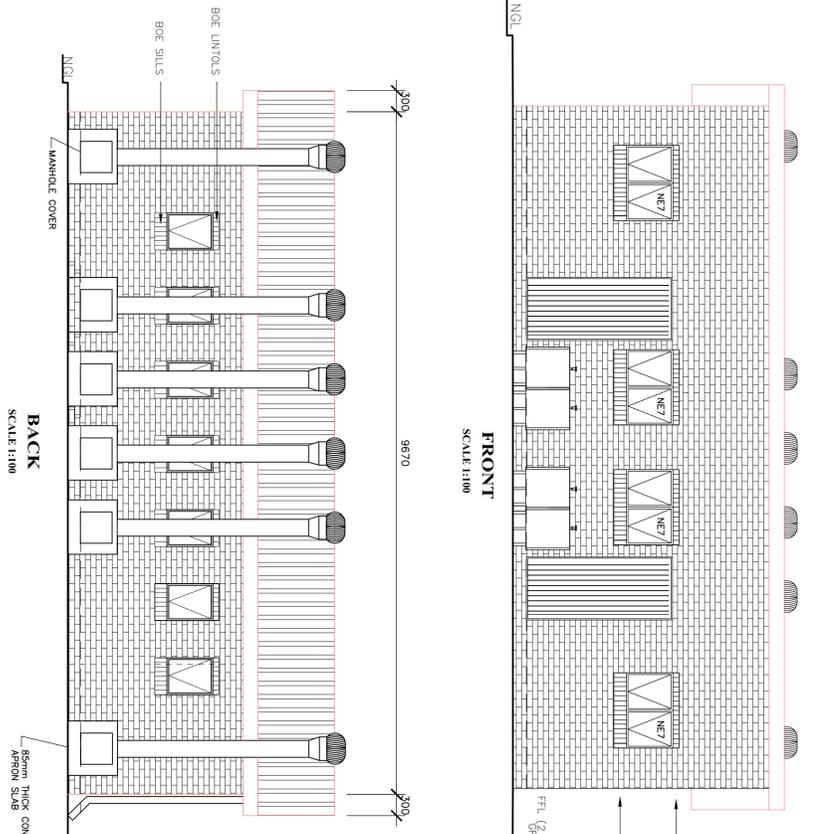
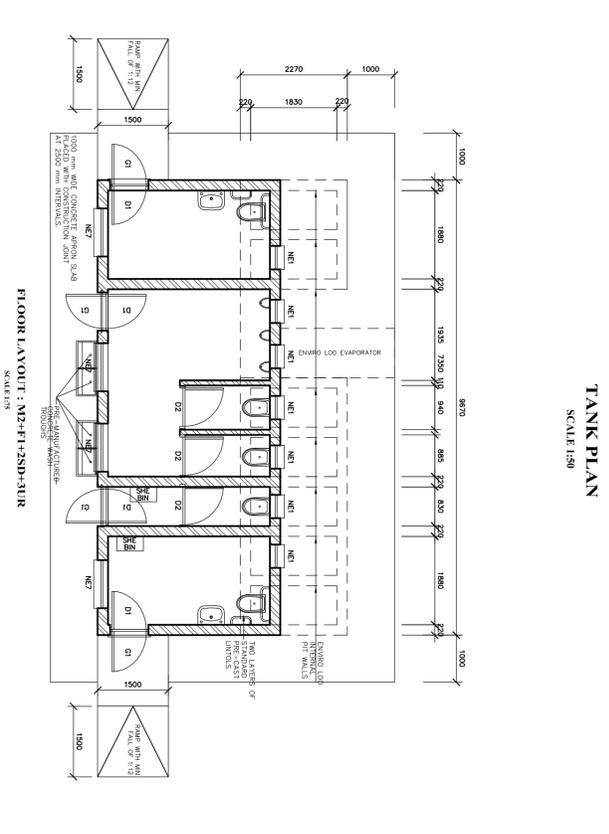
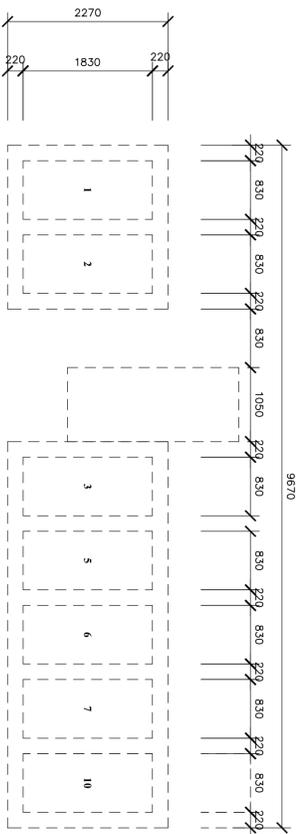
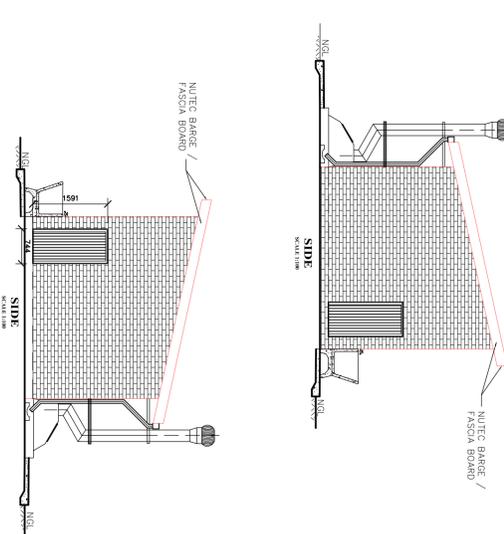
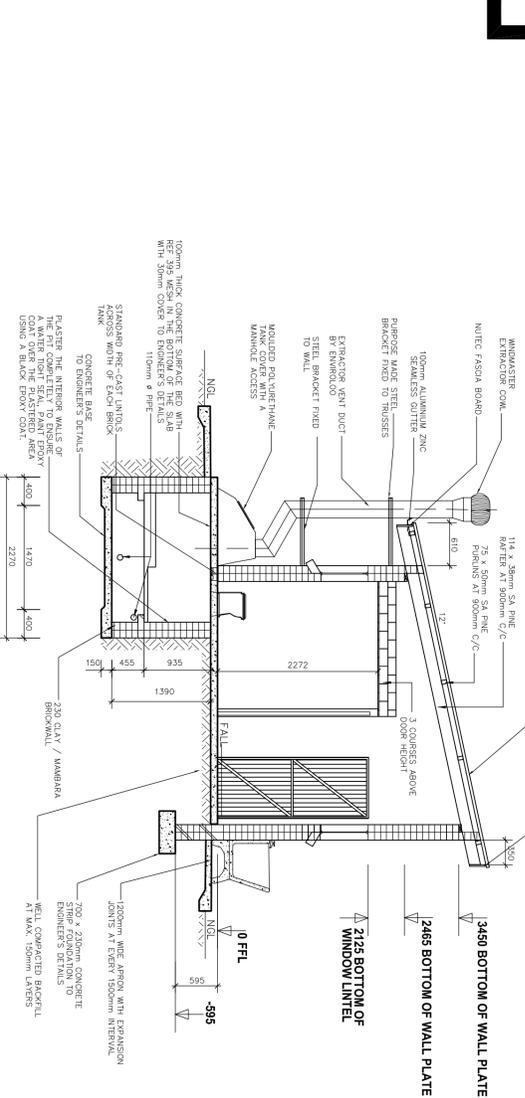


# M2+F1+3SD+2UR



0.6mm ALUMINUM CHROMADEK PROFILE ROOF SHEETING @ 1100mm C/C  
 100mm THICK CONCRETE SURFACE BED WITH 30mm COVER TO ENGINEER'S DETAILS  
 110mm x 9 PIPE  
 STAINLESS STEEL LATHING  
 CONCRETE BASE  
 TO ENGINEER'S DETAILS  
 PLASTER THE INTERIOR WALLS OF THE PIT COMPLETELY TO ENGINEER'S DETAILS  
 WITH 30mm COVER TO ENGINEER'S DETAILS  
 USING A BLACK EPOXY COAT



SECTION A-A  
SCALE 1:50

WINDOW NO.	TYPE	DESCRIPTION
1	W1	1000mm x 1500mm WINDOW
2	W2	1000mm x 1500mm WINDOW
3	W3	1000mm x 1500mm WINDOW
4	W4	1000mm x 1500mm WINDOW
5	W5	1000mm x 1500mm WINDOW
6	W6	1000mm x 1500mm WINDOW
7	W7	1000mm x 1500mm WINDOW
8	W8	1000mm x 1500mm WINDOW
9	W9	1000mm x 1500mm WINDOW
10	W10	1000mm x 1500mm WINDOW

DOOR NO.	TYPE	DESCRIPTION
1	D1	1000mm x 2000mm DOOR
2	D2	1000mm x 2000mm DOOR
3	D3	1000mm x 2000mm DOOR
4	D4	1000mm x 2000mm DOOR
5	D5	1000mm x 2000mm DOOR
6	D6	1000mm x 2000mm DOOR
7	D7	1000mm x 2000mm DOOR
8	D8	1000mm x 2000mm DOOR
9	D9	1000mm x 2000mm DOOR
10	D10	1000mm x 2000mm DOOR

- GENERAL NOTES:**
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS (SAD OF 1990)
  - CONTRACTOR TO READ ONLY FIGURED DIMENSION BEFORE COMMENCING WITH ANY WORK.
  - CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK.
  - PLEASE DO NOT SCALE THE DRAWING

- NOTES AND SPECIFICATIONS: GENERAL**
- Use dimensions provided and do not scale drawing.
  - All work to comply with SANS, PM371 and SABS.
  - 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.

- CONCRETE WORKS**
- All concrete to be as per Engineer's details and specifications.
  - 25 Mpa strength concrete to be used throughout construction.
  - Concrete Strength at 28 Days: 25Mpa
  - Mix proportion by volume: 1 : 2 : 2 (mix proportion by volume)
  - 1 bag cement : 0.08m<sup>3</sup> Sand : 0.09m<sup>3</sup> Stone (Volume/Bag) : 385 kg cement : 820 kg sand : 960 kg stone (Mass/m<sup>3</sup>)

- BRICKWORK**
- Super-structure
  - All pit lining / foundation brickwork to be solid NFP pit lining.
  - All internal surface of pit lining to be painted with two coats black epoxy paint installing Enviro-Loo units.

- ROOF SHEETING**
- 0.6mm Kliplok chromadek roof sheeting
  - 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.
  - Sealant 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 plewark should be used as connection from wall to the discharge points.

- GLAZING**
- 6.28mm obscure safety glass
- PAINTING**
- All paintwork to comply with SABS and PM371 specification.
  - All steel window and door frames including doors and fascia / barge boards to be discharge points.

- GENERAL NOTES:**
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS (SAD OF 1990)
  - CONTRACTOR TO READ ONLY FIGURED DIMENSION BEFORE COMMENCING WITH ANY WORK.
  - CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK.
  - PLEASE DO NOT SCALE THE DRAWING

NO.	DATE	REVISION	ISSUE
1.	2020/10/30	0	5/4

**CONSULTANTS**

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**IMPLEMENTED BY**

**THE MYULA TRUST**  
A leading developmental NGO

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**LIMPOPO**  
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**PROJECT**  
LPDE 2019/20 WATER AND SANITATION PROJECT  
DISTRICT CAPRICORN CLUSTER 12  
PROVINCE: LIMPOPO

**DRAWING TITLE**  
EDUCATORS M2 F1 UR3 SD2 MODIFIED PROTOTYPE ENVILOO/WATERBORNE TOILET BLOCK MAHOE SECONDARY SCHOOL

NO.	DATE	REVISION	ISSUE
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