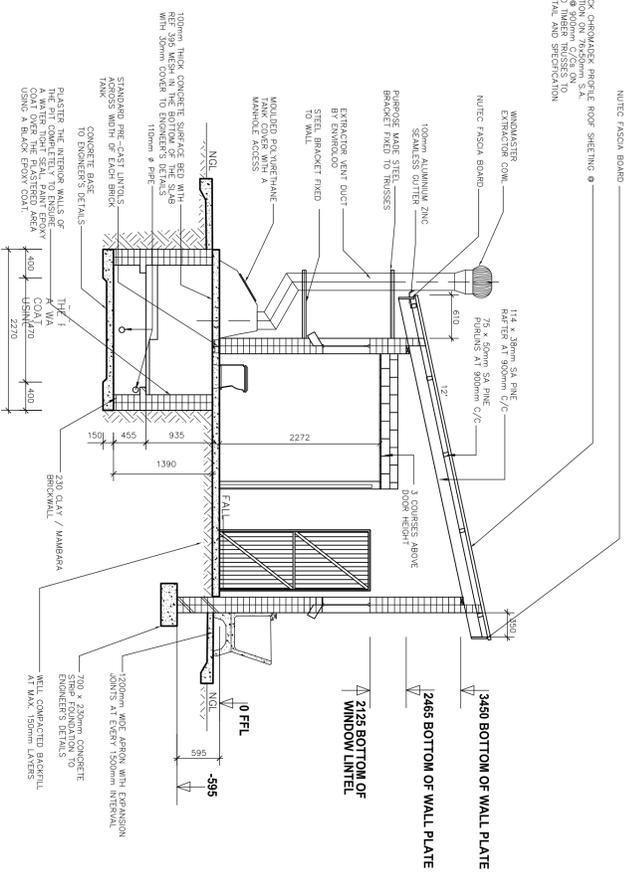
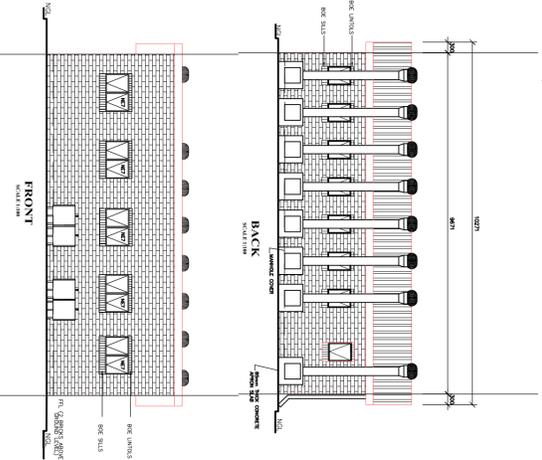
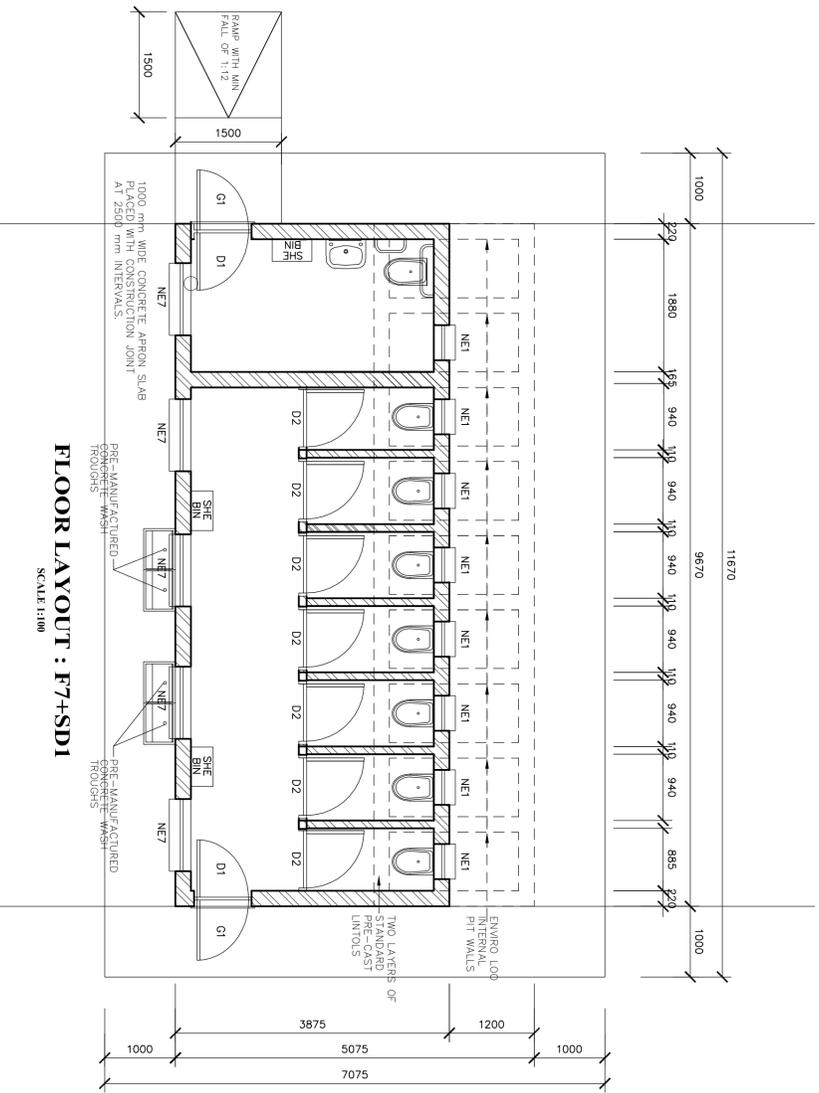
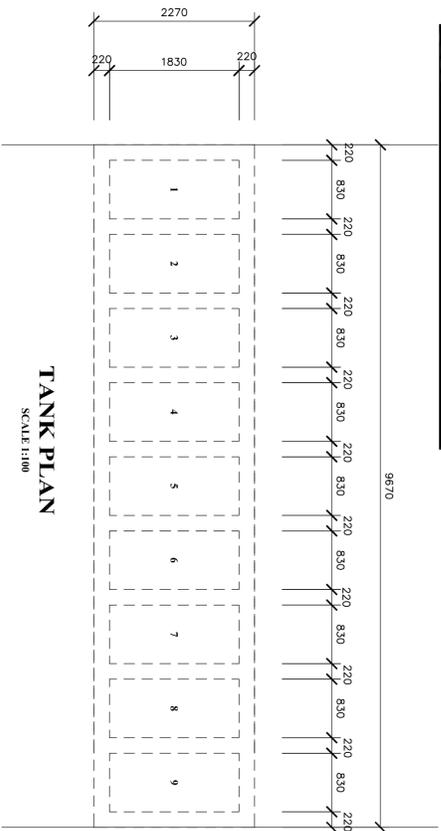


F7+SD1

FROM ARCHITECT'S GENERAL PROJECT FLOOR SHEETING
 1:2 ON SCALETION ON 70x50mm S.A.
 PREPARED BY ARCHITECT'S OFFICE
 ENGINEER'S DETAIL AND SPECIFICATION



NOTE:
 ENVIRO LOO INSTALLATION
 SPECIFICATION AND DETAILS

- NOTES AND SPECIFICATIONS: GENERAL**
1. Use dimensions provided and do not scale drawing.
 2. All work to comply with SANS, PM371 and SABS.
 3. All dimensions, levels and positions to be verified on site prior to construction.
 4. All concrete work, to be as per Engineer's details and specifications.
 5. All pits to face North.
 6. All brickwork have brickforce at every 2nd course in pit lining and 3rd course in superstructure.
- PIT EXCAVATION**
1. 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 casting.

- CONCRETE WORKS**
1. All concrete to be as per Engineer's details and specifications.
 2. 25 Mpa strength concrete to be used throughout construction: Trial Concrete Mixes: 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)
- COMPACTION OF SURFACES**
- All ground surfaces receiving concrete floors / walls to be compacted to 450mm layers @ 325mm ModASHTO density before casting concrete.

- PRE-CAST CONCRETE LINTOLS TO BE USED AS SUPPORT UNDER TOP SLAB OF PIT.**
1. All concrete aprons to be 1000mm wide.
 1. Cement : 3 sand (1:1:1 bag cement) : 3 wheelbarrows (37 litres) sand)

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

- ROOF SHEETING**
1. 0.6mm Kliploek chromadek roof sheeting
 2. All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
 3. Timber connections (Hurricane Clips) are required all intercessions between timber rafters and purlins.
 4. Satlation is to be applied interval under all roof surfaces.

- METALWORK**
1. All metalwork should be primed before installation.
 2. All steel window should have 6x20mm flat bar burglar proofing.
- PLUMBING**
1. Double concrete wash trough to be used.
 2. All wash troughs should be connected to the school's water supply system and the waste water should be piped to a soakaway.
 3. The soakaway should be as per Engineer's detail and position to be determined on site.
 4. Only 20mm and galvanised plework should be used as connection from wall to the discharge points.

- GLAZING**
1. 6.28mm obscure safety glass
- PAINTING**
1. All paintwork to comply with SABS and PM371 specification.
 2. All steel window and door frames including doors and fascio / barge boards to be discharge points.

- GENERAL NOTES:**
1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS 600 OF 1980
 2. CONTRACTOR TO READ ONLY FIGURED DIMENSION BEFORE COMMENCING WITH ANY WORK.
 3. CONTRACTOR TO VERIFY ALL DIMENSION ON SITE
 4. PLEASE DO NOT SCALE THE DRAWING

NO.	DATE	REVISION	ISSUE
1.	2020/10/0	0	SA

CONSULTANTS



PROJECT MANAGER
 RHOENESSA SIBI
 PROJECT MANAGER
 RHOENESSA SIBI
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 RHOENESSA SIBI
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ARCHITECT

IMPLEMENTED BY
 RHOENESSA SIBI
 STREET BENDOR
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 A leading developmental NGO

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1.	2020/10/0	0	SA



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

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1.	2020/10/0	0	SA