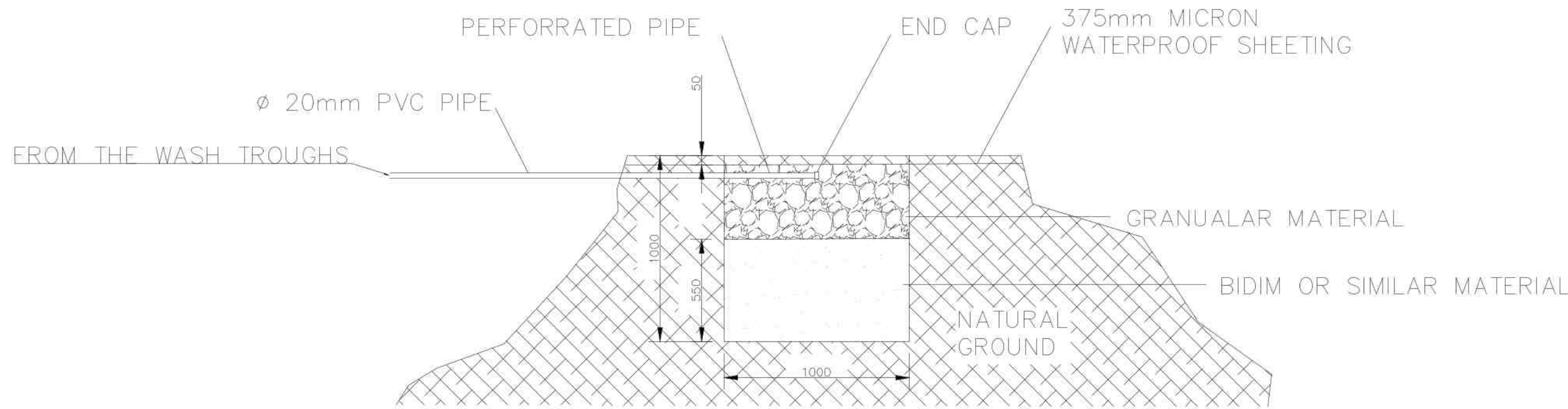
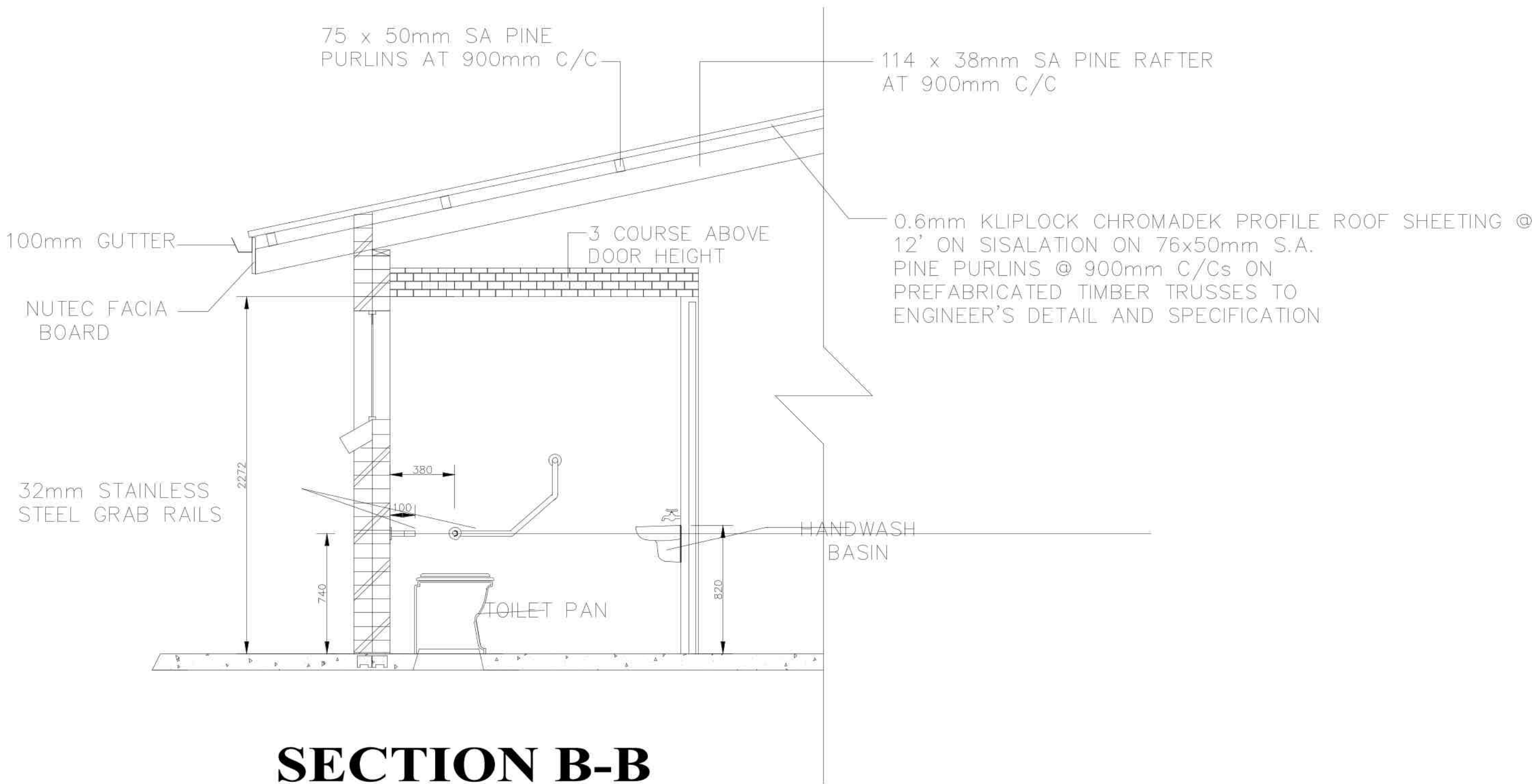


DIASBLED TOILET
PLAN



SOAKAWAY



SECTION B-B

NOTES AND SPECIFICATIONS:

GENERAL

1. Use dimensions provided and do not scale drawing.
2. All work to comply with SANS, PW371 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.
5. 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.

COMPACTION OF SURFACES

All ground surfaces receiving concrete floors / slab should be compacted to 150mm layers 93% ModAASHTO density before casting concrete.

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: 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)
3. Pre-cast concrete lintels to be used as support under top slab of pit.
4. 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

1. All pit lining / foundation brickwork to be solid NFP clay brick.
2. All internal surface of pit lining to be painted with two coats black epoxy paint installing Enviro-Loo units.

Super-structure

1. All external walls / partitions to be of clay face brick to SABS quality.
2. All cubicle partition walls to be 3 courses above door height.
3. All brickwork above door openings should have brickforce on every course at least 3 courses.
4. Air bricks: Standard 230X152mm terra-cotta vermin proofed louvered air grating to be used above all window openings.

ROOF SHEETING

1. 0.6mm kliplock chromadek roof sheeting

ROOF TIMBER / CEILING

1. All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
2. Timber connections (Hurricane Clips) are required all intercessions between timber rafters and purlins.
3. Sisalation 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 pipework should be used as connection from wall to the discharge points.

GLAZING

1. 6.28mm obscure safety glass on top nine panes.

PAINTING

1. All paintwork to comply with SABS and PW371 specification.
2. All steel window and door frames including doors and fascia / barge boards to be discharge points.

DRAWING REFERENCE

Drawing No.	Drawing Title

NOTES

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DRAWING AMENDMENTS

No.	Amendment	Date	Appr.
1	ISSUED FOR : FOR TENDER	MAY 2021	TM

Designed E MUDAU	Date MAY 2021
Checked T RAPHALALANI	Date MAY 2021
Drawn E MUDAU	Date MAY 2021
Client appr.	Date

Consultant
 CONSULTING ENGINEERS e-mail : takalani@nemorango.co.za 

Impl. Agent
 THE MVULA TRUST A leading developmental NGO 

Proj Name
CONSTRUCTION OF WATER & SANITATION INFRASTRUCTURE AT SERUPA PRIMARY SCHOOL IN LIMPOPO

Drawing Title
GENERAL DETAILS

Proj Number	Drawing No.
TMT-LPDE-2019/20-LPCL5-04	TMT-LPDE-2019/20-LPCL5-04-002

Scale	Rev No.
N.T.S.	0