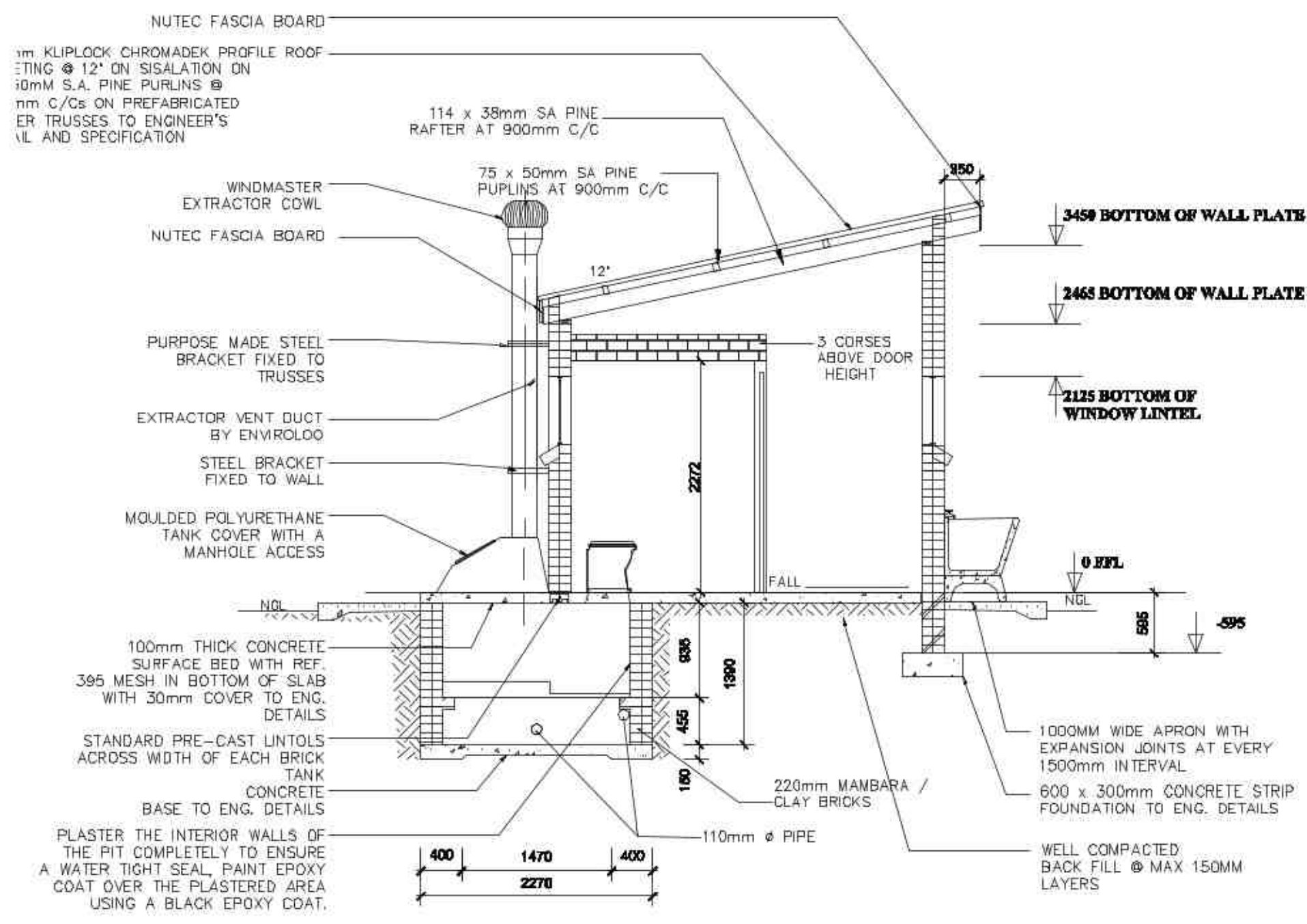
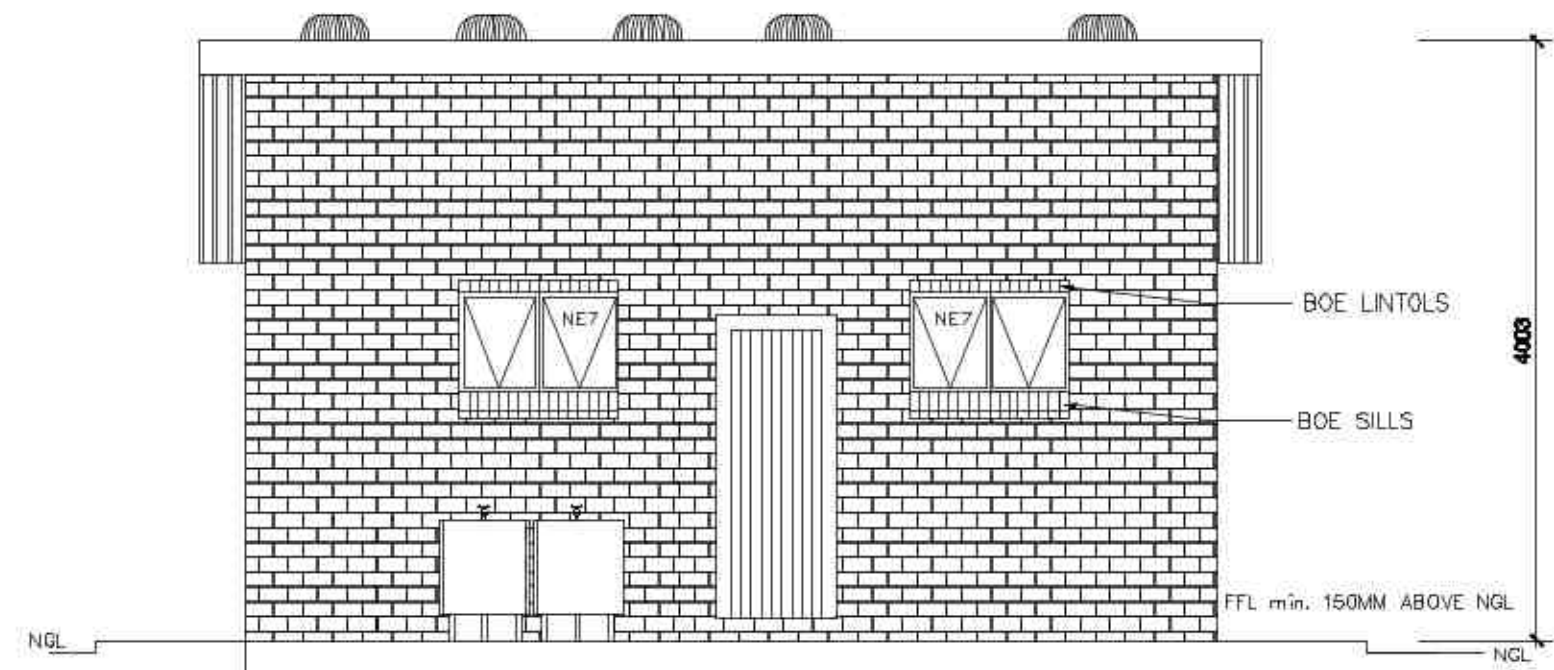


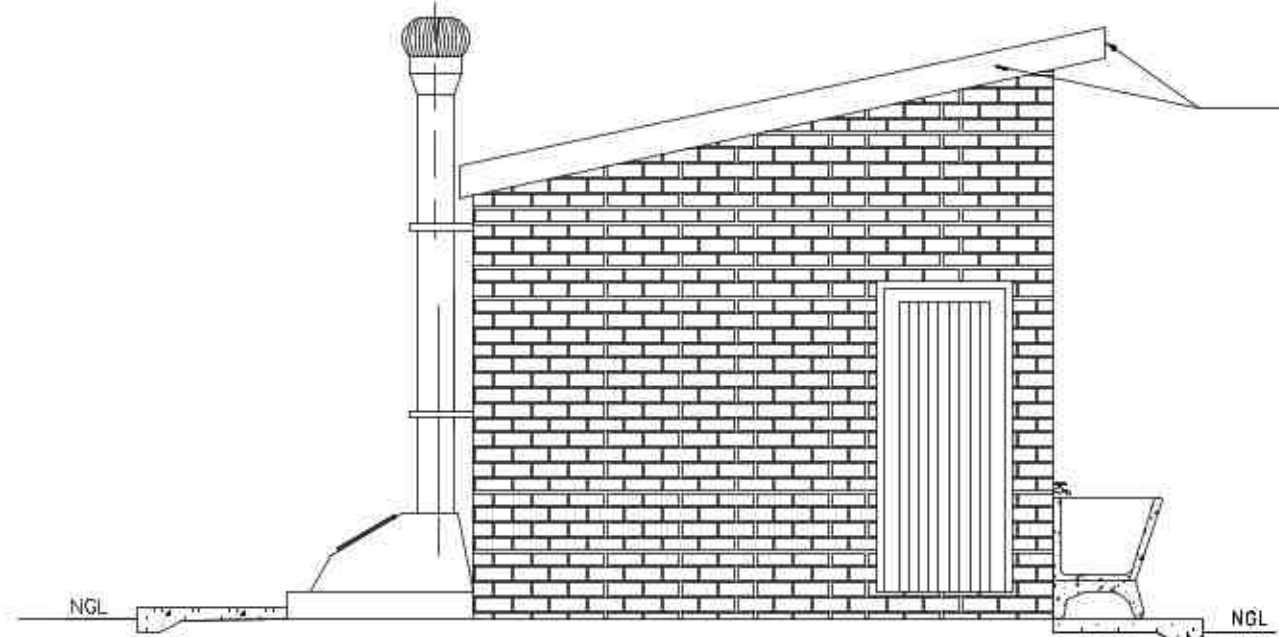


SECTION A-A
SCALE 1: 50

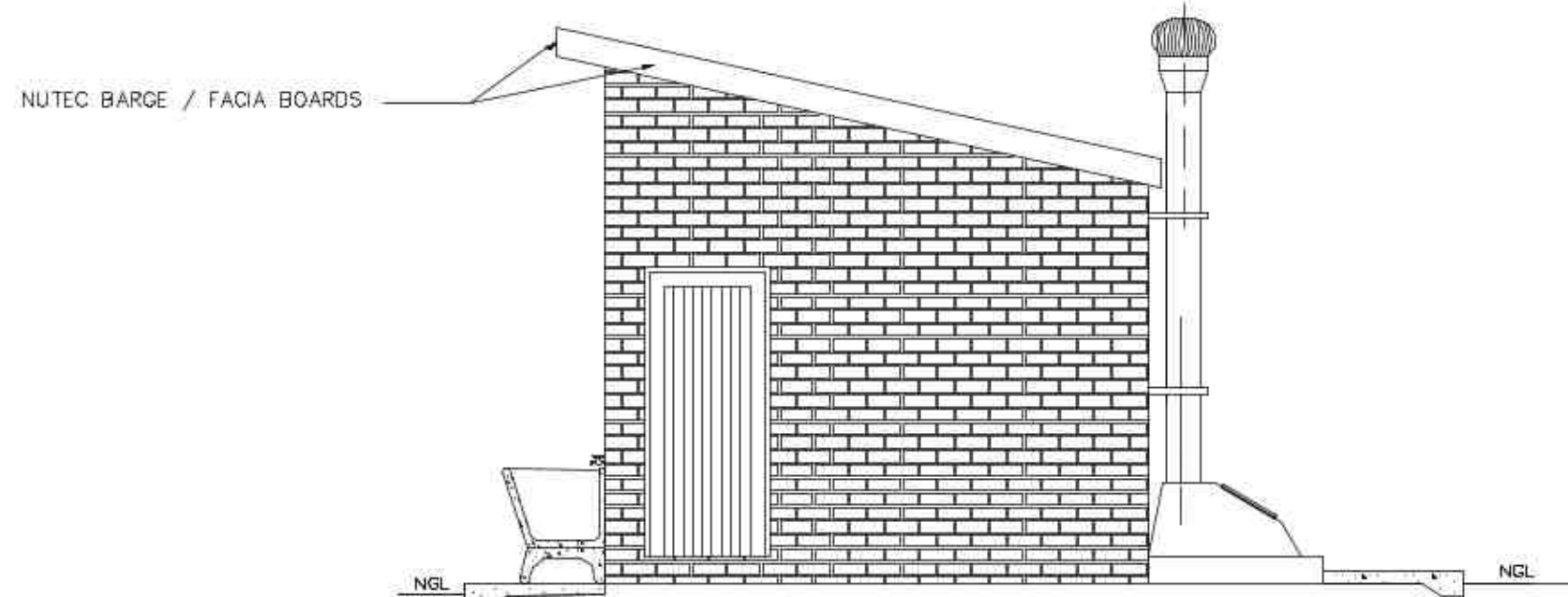
NOTE:
Enviro Loo installation
as per manufacturer's
specification and details



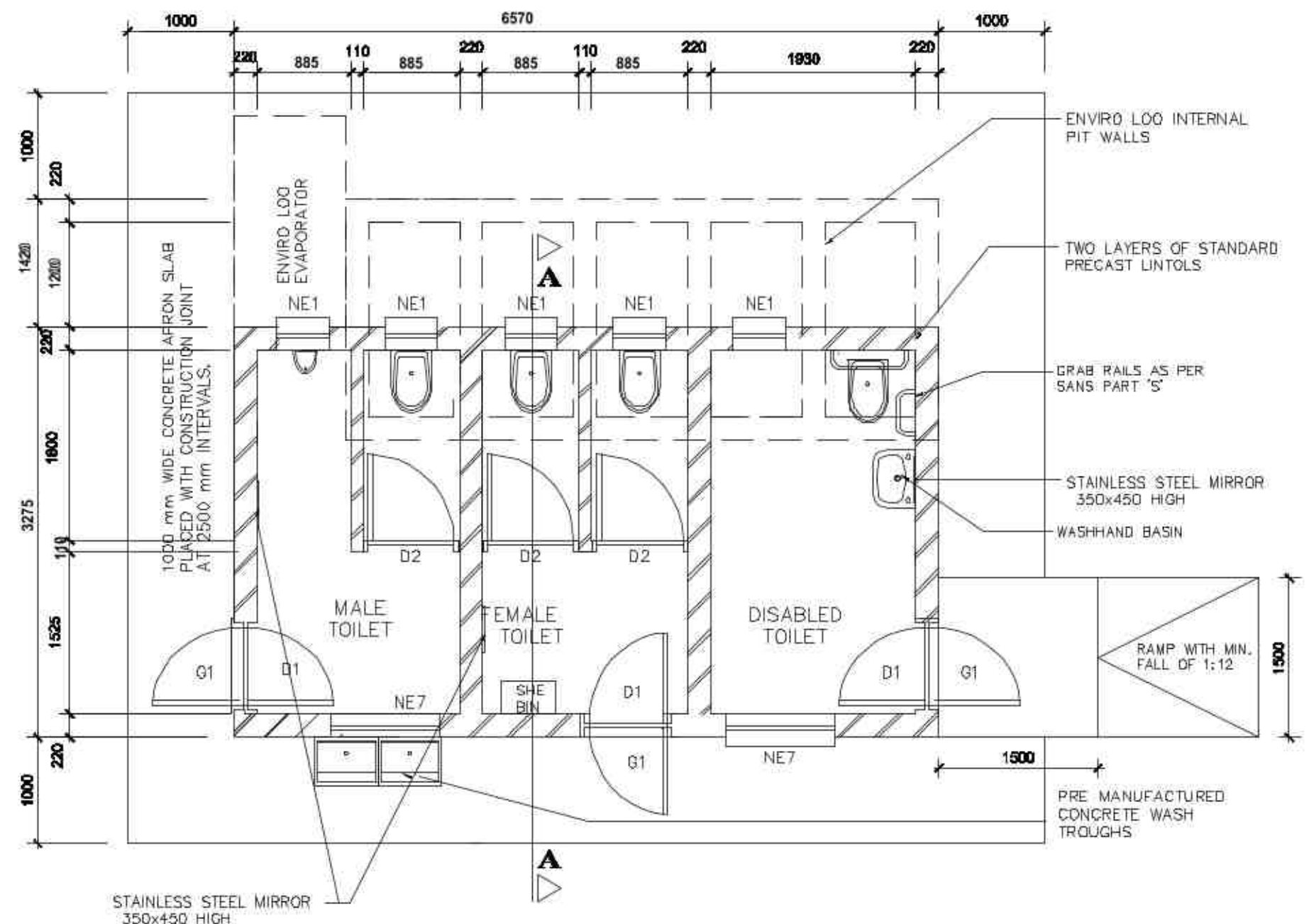
FRONT ELEVATION
SCALE 1: 50



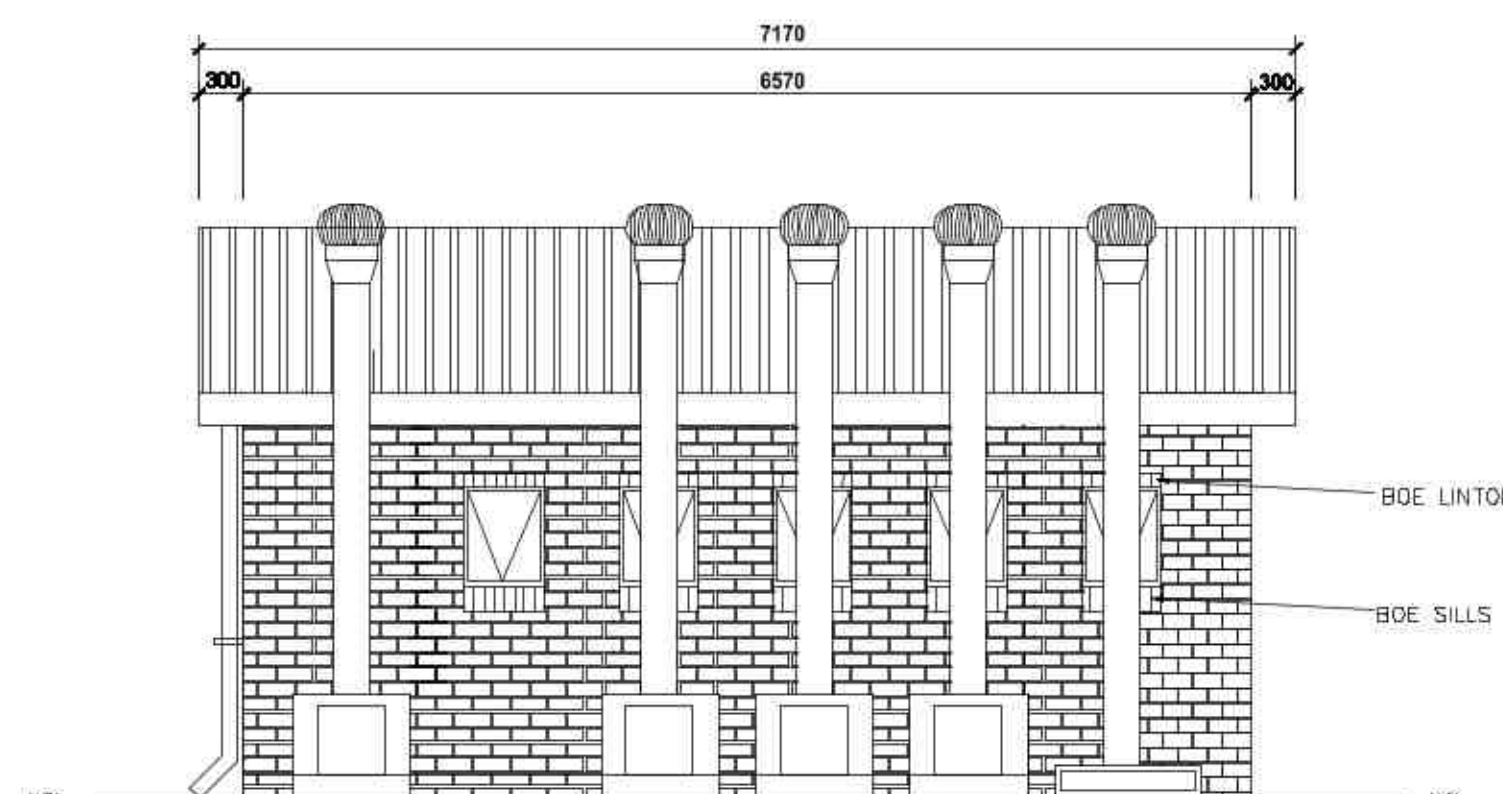
SIDE ELEVATION
SCALE 1: 50



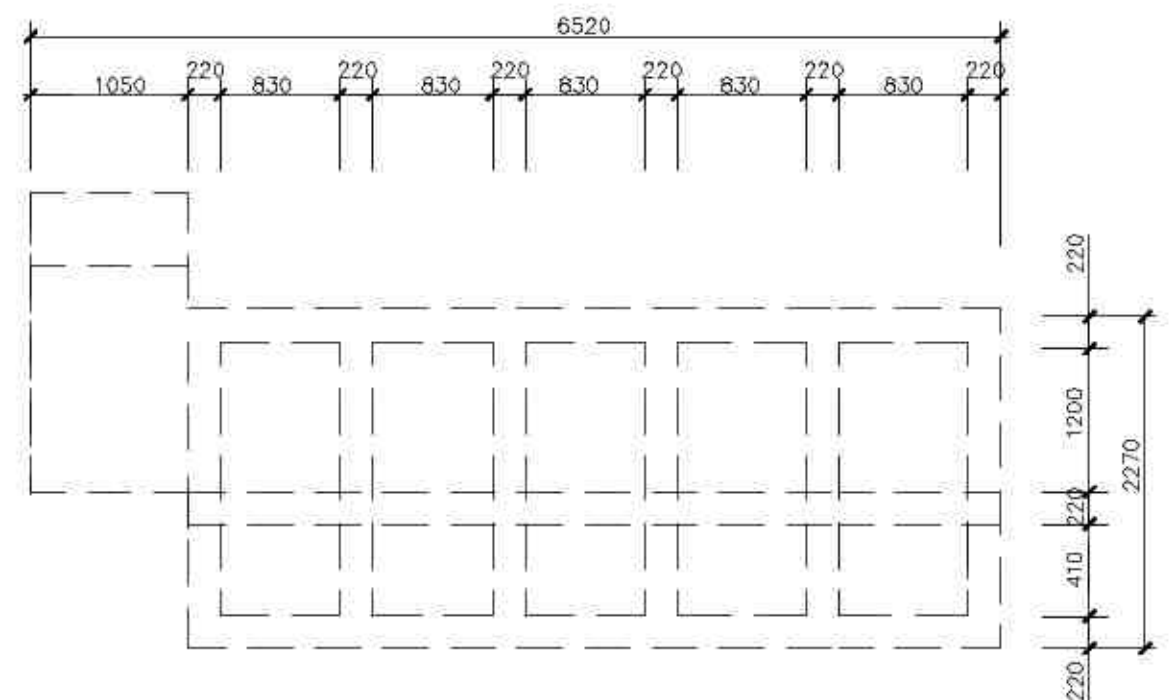
SIDE ELEVATION
SCALE 1: 50



FLOOR PLAN
SCALE 1: 50



BACK ELEVATION
SCALE 1: 50



TANK PLAN
SCALE 1: 50

GENERAL NOTES:

1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATION AND SABS 0400 OF 1990
2. CONTRACTOR TO READ ONLY FIGURED DIMENSION
3. CONTRACTOR TO VERIFY ALL DIMENSION ON SITE BEFORE COMMENCING WITH ANY WORK.

SD 3

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 lintols 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-cotts 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

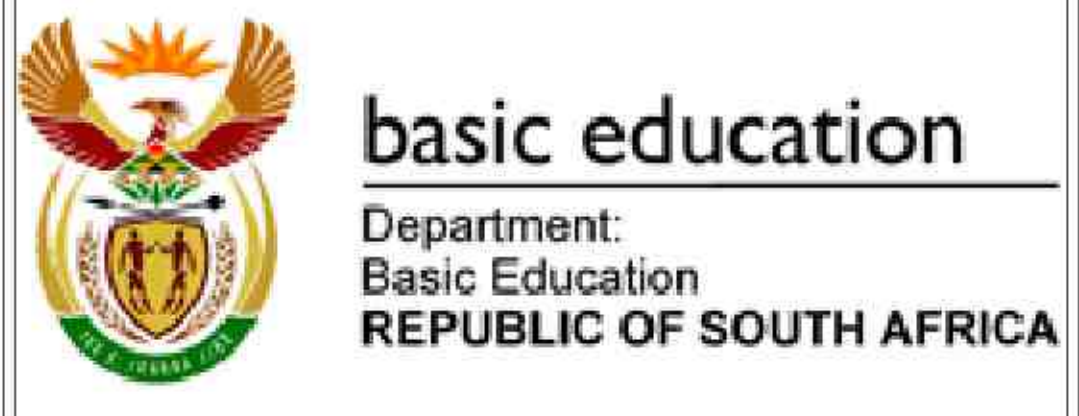
1. 6.28mm obscure safety glass
2. Stainless steel mirrors size 350x450mm high.

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.

WINDOW SCHEDULE	WINDOW SCHEDULE	BUGLAR DOOR
WINDOW NO. 01	WINDOW NO. 02	TYPE 01
FRAME TYPE: 1000mm x 1500mm window with 6.28mm obscure safety glass.	FRAME TYPE: 1000mm x 1500mm window with 6.28mm obscure safety glass.	FRAME TYPE: 1000mm x 1500mm door with 6.28mm obscure safety glass.
FRAME FINISH: 1000mm x 1500mm window with 6.28mm obscure safety glass.	FRAME FINISH: 1000mm x 1500mm window with 6.28mm obscure safety glass.	FRAME FINISH: 1000mm x 1500mm door with 6.28mm obscure safety glass.
GLASS TYPE: 1000mm x 1500mm window with 6.28mm obscure safety glass.	GLASS TYPE: 1000mm x 1500mm window with 6.28mm obscure safety glass.	GLASS TYPE: 1000mm x 1500mm door with 6.28mm obscure safety glass.
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GLASS FINISH: 1000mm x 1500mm window with 6.28mm obscure safety glass.	GLASS FINISH: 1000mm x 1500mm window with 6.28mm obscure safety glass.	GLASS FINISH: 1000mm x 1500mm door with 6.28mm obscure safety glass.

REV No	DATE	DESCRIPTION
X	X/X	XXX
REV No	DATE	DESCRIPTION
REVISIONS		
SIZE ON ORIGINAL DRAWING 100 mm		



INSTITUTION
ELANDSKRAAL PRIMARY SCHOOL

STANDARD / PLOT DESCRIPTION

SERVICE
SCHOOLS SANITATION PROGRAMME

BOC	BUILDING / SITE DESCRIPTION	STAGE
A1	ENVIROLOO TOILETS	

DISCIPLINE
ARCHITECTURAL

WORK DESCRIPTION - SUB DIVISION
CONSTRUCTION DRAWINGS

DRAWING DESCRIPTION
ENVIROLOO BLOCK SD3

FILE No.	X	DESIGN
	K.S	DRAWN

SCALE	AS SHOWN	S.M	CHECKED

DATE	NAME	SIGNATURE	PR NUMBER
19 MAY 2023	S.M		

DATE	NAME	SIGNATURE	PR NUMBER
MAY 2023			

RESPONSIBLE PROFESSIONAL - CO-ORDINATION

CONSULTANT:



Tel: 015 285 1699	Cell: 076 553 0634
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CONTRACTOR:

CAD SYSTEM	ARCHI-CAD	X	FILE NAME
A0			

SIZE	DRAWING NUMBER	REV
23-P-008-200-CO-00		00