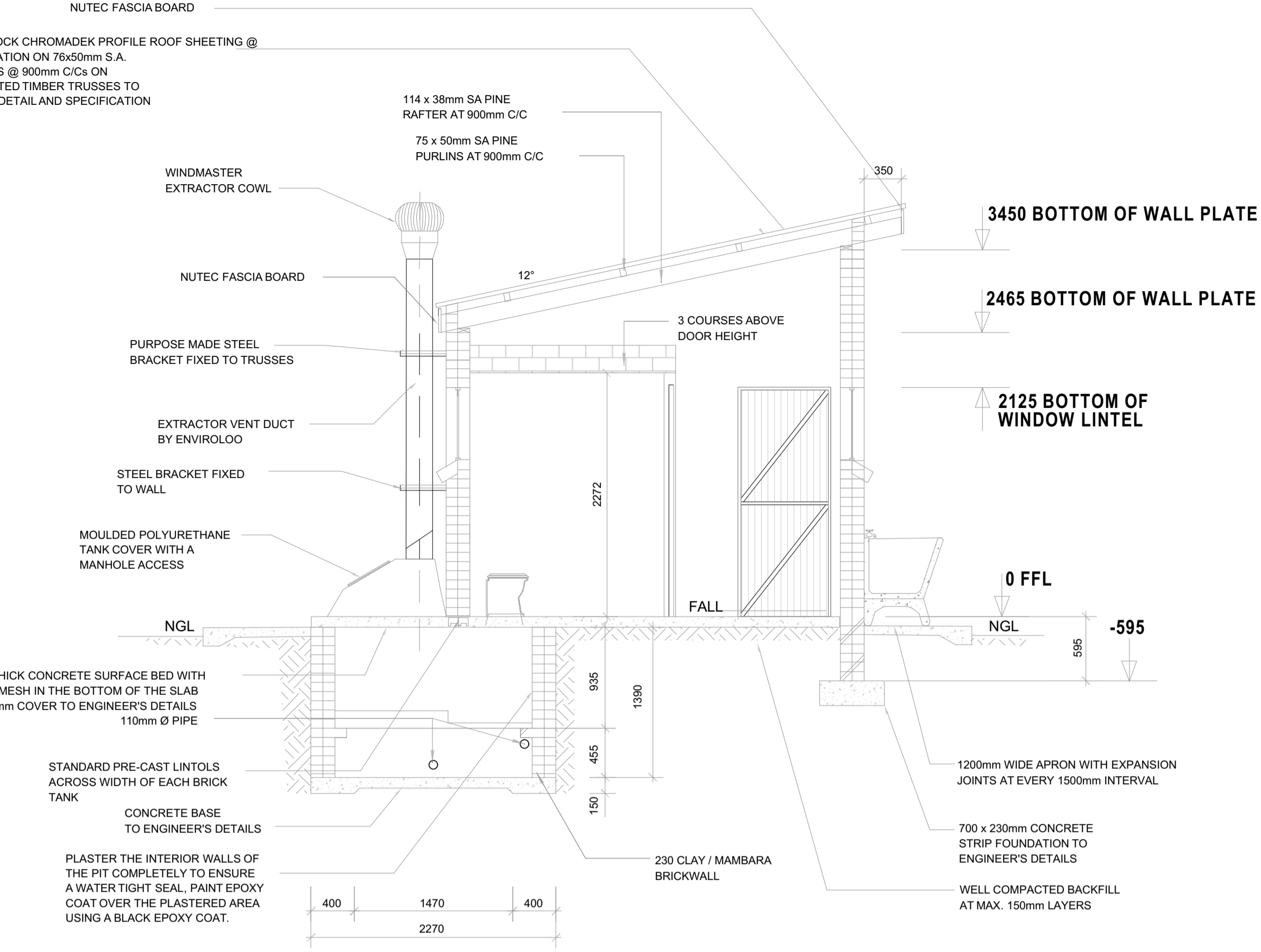
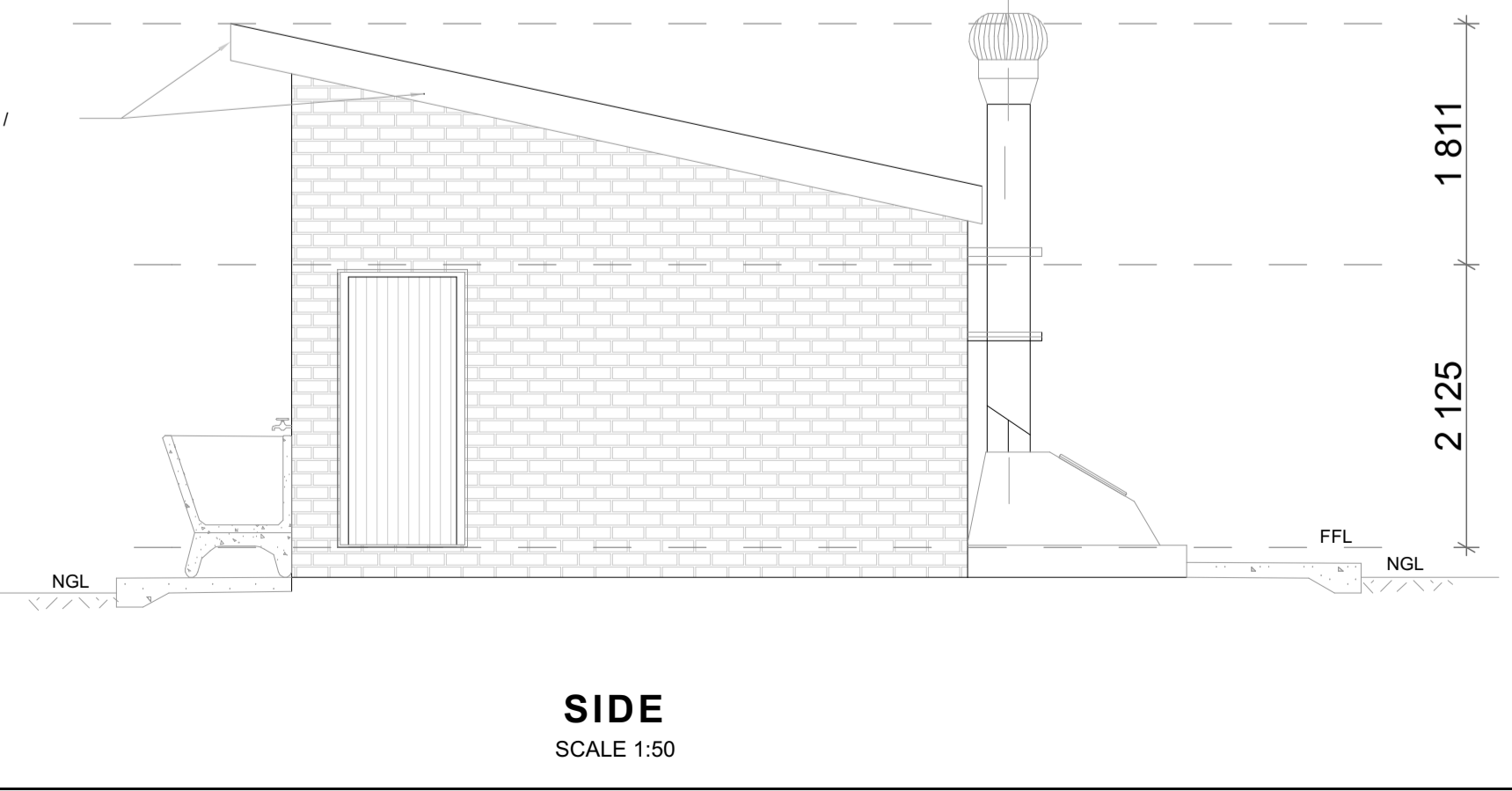


FLOOR LAYOUT : TYPE B6
SCALE 1:50
5 SEATS + 1 DISABLED SEAT + 6 URINALS



NOTE:
ENVIRO LOO INSTALLATION AS PER MANUFACTURER'S SPECIFICATION AND DETAILS



GENERAL NOTES:
1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND SABS 9400 OF 1995.
2. CONTRACTOR TO READ ONLY FIGURED DIMENSION BEFORE COMMENCING WITH ANY WORK.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO ANY WORK OR SHOP DRAWINGS. ALL DISCREPANCIES TO BE DISCUSSED WITH PROJECT MANAGER PRIOR TO IMPLEMENTATION THEREOF.

REVISION			
DATE	NO.	REVISIONS	INIT.

NOTES AND SPECIFICATIONS:
GENERAL
1. Use dimensions provided and do not scale drawing.
2. All work to comply with SANS, PV371 and SABS.
3. All dimensions, walls 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 EnviroLoos Services before slab casting.
COMPACTION OF SURFACES
All ground surfaces receiving concrete floors / slabs 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)
350 kg cement : 0.05m³ Sand : 0.05m³ Stone (Volume/Bag)
350 kg cement : 800 kg sand : 900 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:
cement : 3 sand
(i.e. 1 bag cement : 3 wheelbarrows (37 litres) sand)
BRICKWORK
Substructure
1. All pit lining / foundation brickwork to be solid NFP clay brick.
2. All internal surfaces of pit lining to be painted with two coats black epoxy paint including EnviroLoos units.
Super structure
1. All external walls / partitions to be of clay face brick to SABS quality.
2. All cubic 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 loured air grating to be used above all window openings.
ROOF SHEETING
1. 0.6mm Kiplock 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 intersections between timber rafters and purlins.
3. Sisalation is to be applied internal 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 galvanneal pipework should be used as connection from wall to the discharge points.
GLAZING
1. 6.28mm obscure safety glass.
PAINTING
1. All partitions to comply with SABS and PV371 specification.
2. All steel window and door frames including doors and fascia / barge boards to be discharge points.

WINDOW SCHEDULE	
WINDOW NO.	N2
CATALOGUE	NE7
FRAME	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS

WINDOW SCHEDULE	
WINDOW NO.	N1
CATALOGUE	NE1
FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS

DOOR SCHEDULE	
DOOR NO.	SINGLE REBATE STEEL FRAME TO FIT 115mm WALL (D2)
CATALOGUE	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN BROWN WANGER GLOSS ENAMEL
DOOR LEAF	813 x 1914 x 44mm SEMI SOLID DOOR
LEAF FINISH	3rd EPWP GOLDEN BROWN HIGH GLOSS ENAMEL PAINT
LOCK	2 LEVER MORTICE LOCK STANDARD AS PER MANUFACTURE WITH BARREL BOLT

DOOR SCHEDULE	
DOOR NO.	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)
CATALOGUE	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2002mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK

ENTRANCE DOOR	
DOOR NO.	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)
CATALOGUE	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2002mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK

Implementing Agent

THE MVULA TRUST
A leading developmental NGO

Client

LIMPOPO PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF EDUCATION

Consultant

re-solve
Water Management Solutions

Project Title: **Munau Primary School**
LIMPOPO DEPARTMENT OF EDUCATION SCHOOLS WATER & SANITATION PROGRAMME

date: **24 NOVEMBER 2022** scales: **AS SHOWN**
drawn: **PJM** scales: **AS SHOWN**

Drawing Description:
BOYS ABLUTION 6 SEATS + 6 URINALS - ENVIROLOO TOILET BLOCK

Job No. **LPDE 2022/2023** Drawing No. **01-101** Rev. No. **-**

AS-BUILT DRAWING
ISSUED FOR APPROVAL
ISSUED FOR SUBMISSION
ISSUED FOR TENDER
ISSUED FOR CONSTRUCTION