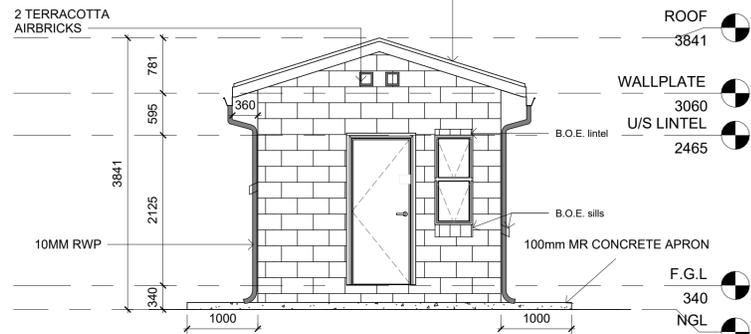


0.6MM COLOMATE FINISHED GALVANIZED
METAL IBR PROFILE ROOF SHEETING @ 17°
ON INSULATION ON 76x50mm S.A PINE PURLINS @ 750mm C/Cs
ON PREFABRICATED TIMBER TRUSSES TO ENG'S SPEC



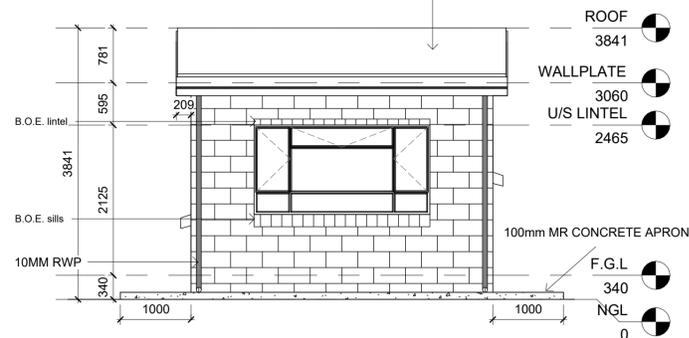
1 Front
1 : 50

0.6MM COLOMATE FINISHED GALVANIZED
METAL IBR PROFILE ROOF SHEETING @ 17°
ON INSULATION ON 76x50mm S.A PINE PURLINS @ 750mm C/Cs
ON PREFABRICATED TIMBER TRUSSES TO ENG'S SPEC



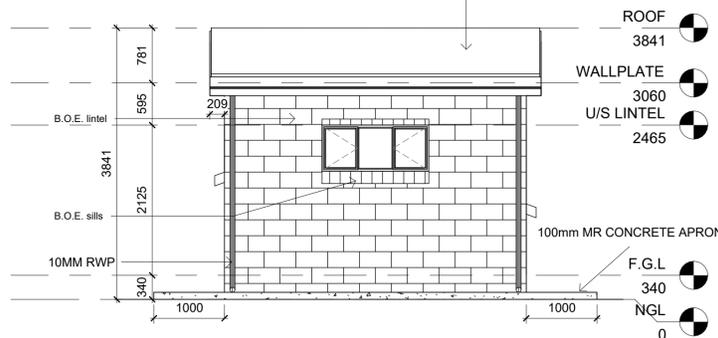
2 Rear
1 : 50

0.6MM COLOMATE FINISHED GALVANIZED
METAL IBR PROFILE ROOF SHEETING @ 17°
ON INSULATION ON 76x50mm S.A PINE PURLINS @ 750mm C/Cs
ON PREFABRICATED TIMBER TRUSSES TO ENG'S SPEC



3 Right
1 : 50

0.6MM COLOMATE FINISHED GALVANIZED
METAL IBR PROFILE ROOF SHEETING @ 17°
ON INSULATION ON 76x50mm S.A PINE PURLINS @ 750mm C/Cs
ON PREFABRICATED TIMBER TRUSSES TO ENG'S SPEC



4 Left
1 : 50

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 : 0.06m³ 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-cotta vermin proofed louvered air grating to be used above all window openings.

ROOF SHEETING

1. 0.6mm klaplock 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.

Notes

1 : 50

ALL DIMENSIONS TO BE CHECKED ON SITE
PRIOR WORK COMMENCEMENTS. ANY
DISCREPANCIES TO THE WORKS ARE TO BE
BROUGHT TO THE PROJECT MANAGER'S
ATTENTION PRIOR IMPLEMENTATION
THEREOF.

Rev	Description	Date

IMPLEMENTING AGENT



A leading developmental NGO

SIGNATURE.....
DATE.....

CLIENT



DEPARTMENT OF
EDUCATION

CONSULTANT



CODE SUITABILITY DESCRIPTION

STATUS PURPOSE OF ISSUE

PROJECT
**REHLAHLENG
SPECIAL SCHOOL**

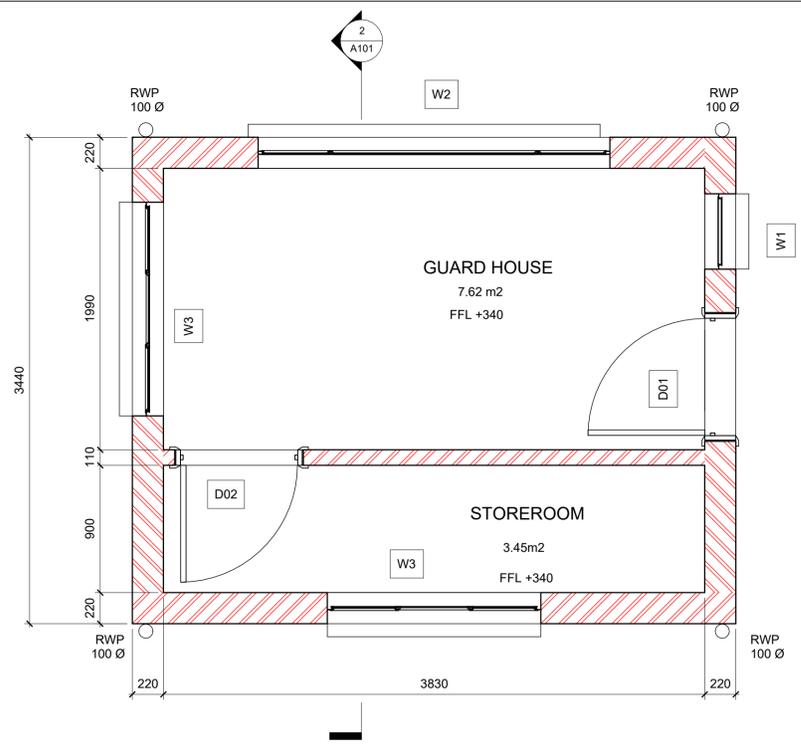
TITLE
Elevations & Notes.

CLIENT
L.D.o.E

DRAWN BY BS CHECKED BY BS DATE 05/10/23

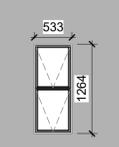
SCALE (@ A1) 1 : 50 PROJECT NUMBER LDPE 2023/2024

DRAWING NUMBER A100 REV



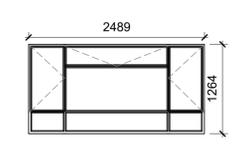
NGL
1 : 25

WINDOW SCHEDULE



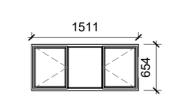
WINDOW NO.	W1
CATALOGUE	TD1
FRAME	533 x 1264mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	1

WINDOW SCHEDULE



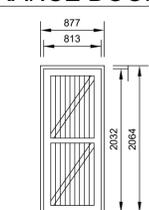
WINDOW NO.	W2
CATALOGUE	ND12FS
FRAME	2489 x 1264mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	1

WINDOW SCHEDULE



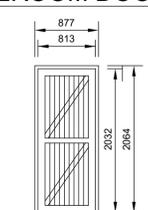
WINDOW NO.	W3
CATALOGUE	NES4
FRAME	1511 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING	6.28mm OBSCURE SAFETY GLASS
NO. REQUIRED	2

ENTRANCE DOOR



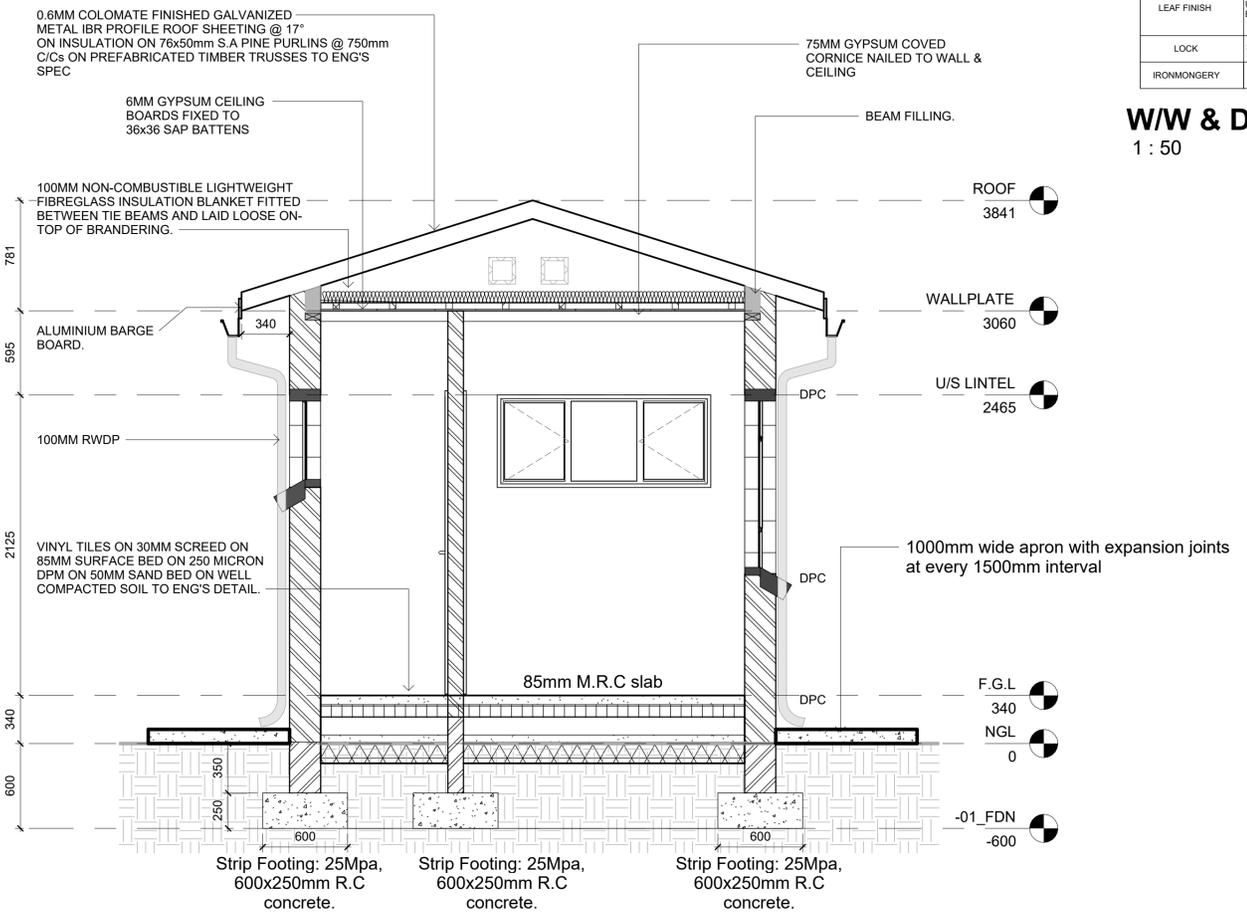
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D01)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2no. FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK

STOREROOM DOOR



FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 110mm WALL (D02)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2no. FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET

W/W & Dr
1 : 50



Section 1
1 : 25

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR WORK COMMENCEMENTS. ANY DISCREPANCIES TO THE WORKS ARE TO BE BROUGHT TO THE PROJECT MANAGER'S ATTENTION PRIOR IMPLEMENTATION THEREOF.

Rev	Description	Date

IMPLEMENTING AGENT



THE MVULA TRUST
A leading developmental NGO

SIGNATURE.....
DATE.....

CLIENT



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

CONSULTANT



MOPITHWI SUPPLY (PTY) LTD
"Supplies With Integrity"

CODE	SUITABILITY DESCRIPTION
STATUS	PURPOSE OF ISSUE

PROJECT
REHLAHLENG SPECIAL SCHOOL

TITLE
SECTIONS & SCHEDULES

CLIENT
L.D.o.E

DRAWN BY B.S	CHECKED BY B.S	DATE 05/10/2023
SCALE (@ A1) As indicated	PROJECT NUMBER LDPE 2023/2024	
DRAWING NUMBER A101	REV	