

NOTES AND SPECIFICATIONS:

GENERAL:

- 1. Use dimensions provided and do not cross drawing.
- 2. Refer to comply with SABS, PN7371 and SABS.
- 3. All dimensions, levels and positions to be verified on site prior to construction.
- 4. All work to be done in accordance with Engineer's details and specifications.
- 5. All pits to face North.
- 6. All concrete to be placed and cured for every 2nd course in pit and 3rd course in excavation.

PIT EXCAVATION:

- 1. All pits to be excavated to be inspected and approved by Engineer and signed off.
- 2. All pit slings to be inspected by Environment Services before sand casting.

COMPACTION OF SURFACES

- 1. All concrete to be compacted by concrete borer / sub should be compacted to 150mm layer @ 33% MoASHG1 density before casting concrete.

CONCRETE WORK:

- 1. All concrete to be 20MPa strength concrete and details and specifications.
- 2. All concrete to be compacted to be used throughout construction.
- 3. All concrete Mixes: Proportion
- Concrete Strength at 28 Days: 20MPa
- 1:2:4 (Cement: Sand: Gravel) by weight
- 350 kg cement - 820 kg sand - 960 kg stone (Volume/m³)
- 3. All concrete to be placed in 150mm support under top slab of pit.
- 4. All concrete approvals to be 1000mm wide.

MORTAR

- 1. Mixed proportions to be
- 1:2:4 (Cement: Sand: Gravel) by weight
- (1x1 bag cement : 3 wheelbarrows (37 litres) sand)

BRICKWORK:

- 1. All brick-work
- 1. All pit (slip / foundation brickwork) to be laid NPT clay brick.
- 2. All internal surface of pit lining to be pointed with two coats sand surface point
- Installing Eave-Loi units
- 1. Sand structure
- 1. All external walls / partitions to be of clay face brick to SABS quality.
- 2. All external partition walls to be 2 courses above door height.
- 3. All brickwork above door openings should have brickwork on face of course at least 3 courses above door height.
- 4. All brickwork Standard 230X115mm terra-cotta semi-profiled laid on edge or pointing to be used on all window openings.

ROOF SHEETING

- 1. 0.6mm galvalume chromadek roof sheeting.

ROOF TREES / CEILING

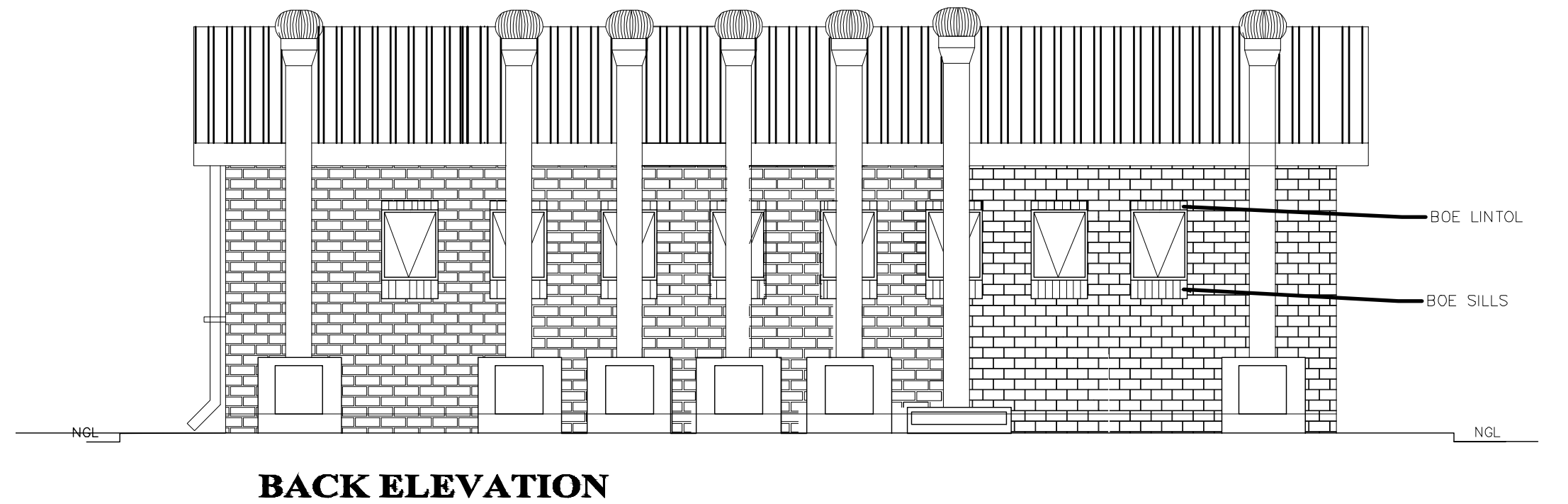
- 1. All roof trusses to be machined SABS treated wood with three coats of approved wood preservative.
- 1. Timber connections (Hurricane Clips) are required at intersections between timber and timber.
- 3. Scaffolding to be applied internal under all roof surfaces.

METALWORK

- 1. All metalwork should be primed before installation.
- 2. Steel mesh grids should have 62mm flat bar burglar proofing.

PLUMBING

- 1. Double concrete wall trough to be used.
- 2. All water troughs should be connected to the school's water supply system and the waste water should be piped to be used.
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ENTRANCE DOOR	
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (01)
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

FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME – SIZE 83x53mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS– GLOSS ENAMEL – COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED EMBRACED DOOR SIZE 813x2032mm (DOOR RAISE BY 150mm TO TOP OF FRAME
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL – COLOUR TBC
LOCK	TOILET INDICATOR LOCK
IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES

BUGLAR DOOR

The diagram illustrates a door with the following dimensions and features:

- Overall Width:** 924
- Inner Width:** 813
- Overall Height:** 2032
- Top Section Height:** 60
- Door Type:** PURPOSE MADE SQUARE HOLLOW SECTION MILD STEEL SECURITY GATE
- Door Finish:** 1xCOAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERNAL QUALITY)
- Frame:** 50x38x1.6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
- Frame Finish:** 1xCOAT ZINC CHROMATE PRIMER MINIMUM 2 x COATS GLOSS ENAMEL (EXTERIOR QUALITY)
- Door:** 38x28x1.6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100% CENTERS AT A 45° ANGLE COLOUR: R6
- Ironmongery:** SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)

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.

GENERAL NOTES

- * ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING SETTING OUT , WORKSHOP DRAWINGS OR CONSTRUCTION .
- * FIGURED DIMENSIONS ONLY TO BE USED .
- * DISCREPANCIES , ERRORS AND OMISSIONS ARE TO BE REPORTED TO ARCHITECTS IMMEDIATELY THEY BECOME EVIDENT .
- * SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION .
- * COPYRIGHT AND RIGHT OF REPRODUCTION OF THIS DRAWINGS OR ANY PORTION THEREOF IS RESERVED MLA ARCHITECTS .

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Issued for:	
Information	X Construction
Tender - Contract	Client Approval
Measurement	Municipal Approval
Detail Symbols	
	Detail/Layout annotation Drawing Name Scale



Kruger Office Park, Unit 6
100 Marshall Street
Polokwane, 0699
Tel: (015) 291 1005 | Fax: (086) 560 4404
www.srsqs.co.za

Client:  THE MVULA TRUST
A leading developmental NGO
THE MVULA TRUST LIMPOPO

Client project number: CLUSTER 04
Project Title: PROPOSED NEW WATER, SANITATION AND FENCING FOR THE MVULA TRUST

Site information:
TUTWANA PRIMARY SCHOOL,
GA-MATLAPA MASHASHANE,
MAUNE CIRCUIT

EMIS NO.: 922221609

Project Architect:
Project Co-ordinator/Manager:

Drawing Title:
ENVIROLOO PROTOTYPE -
FEMALE 3 SEATS, MALE 1
SEAT, URINAL 2, DISABLED 2

Project number:	Drawing number:	Project Stage:	Drawing Revision:
-	103	Constr	0

Scale: AS SHOWN	Drawn: TM	Checked: RM
First issue date: 2022/06/30	Latest issue date: 2022/08/16	