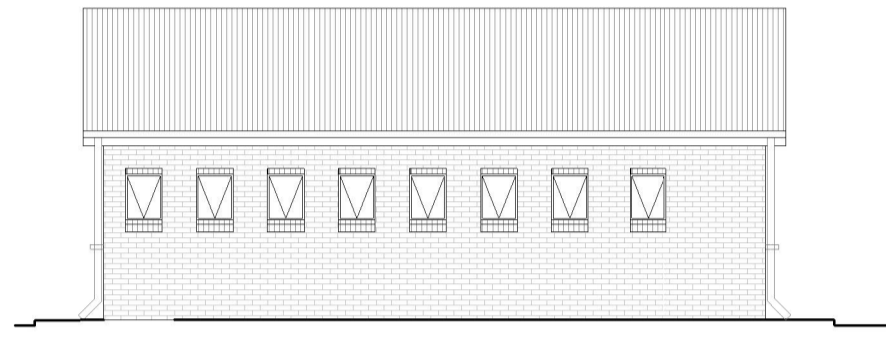
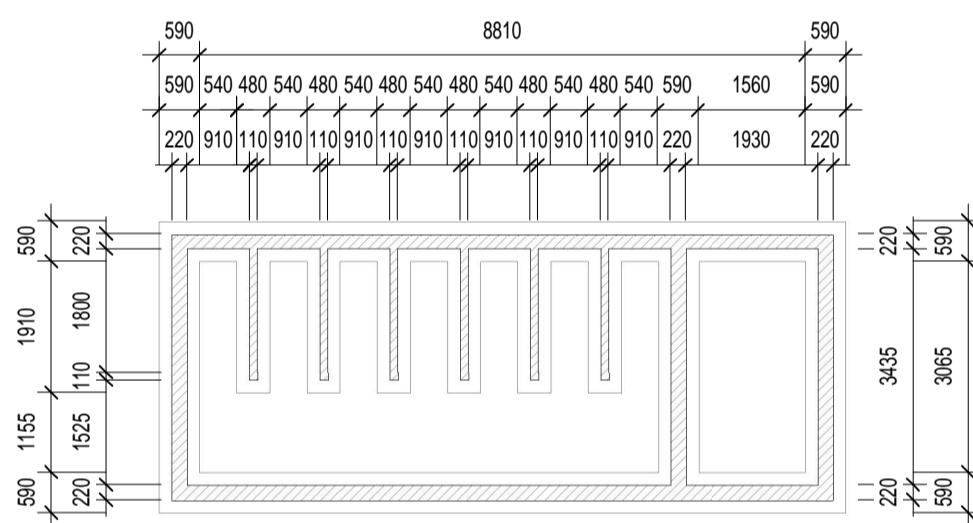


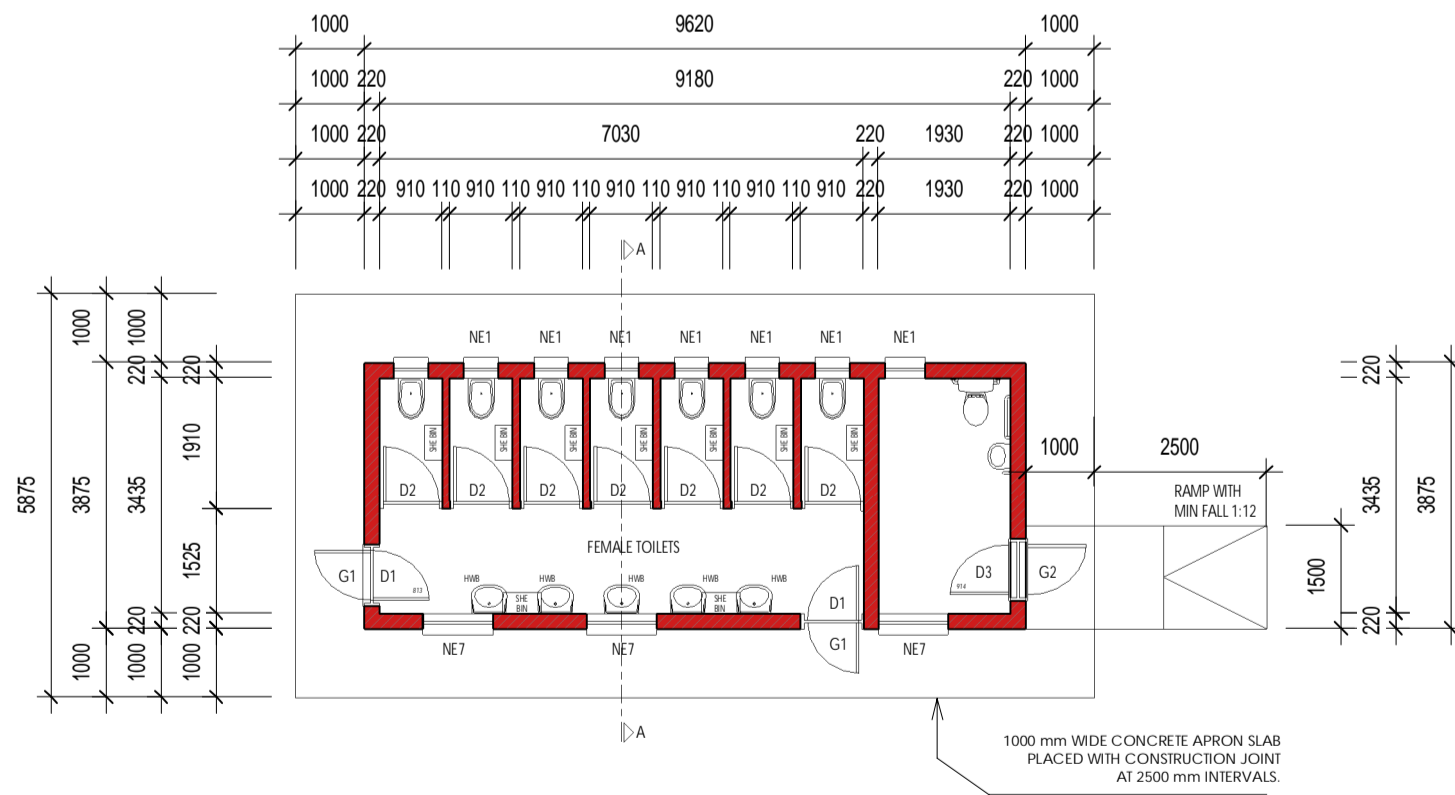
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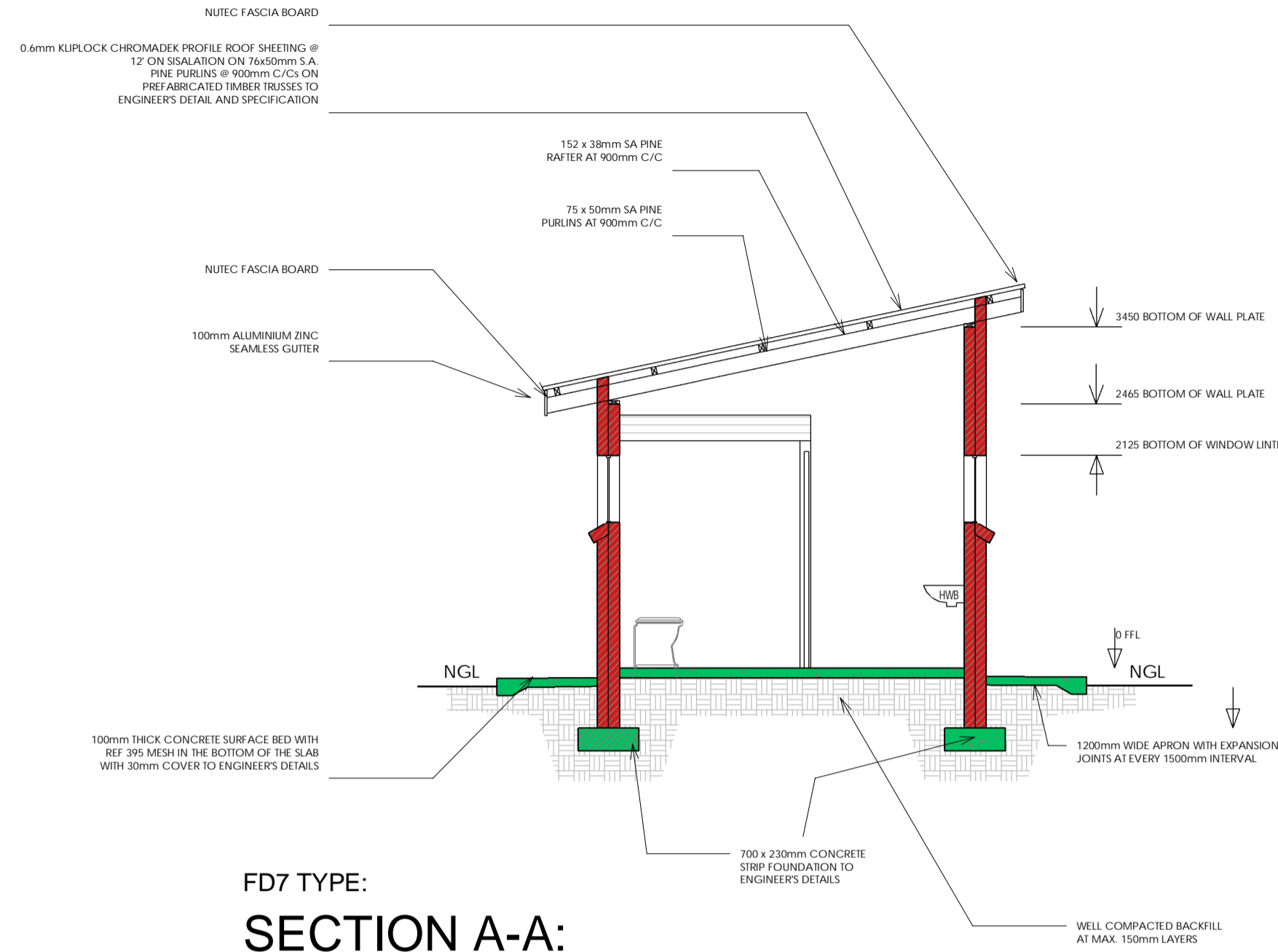
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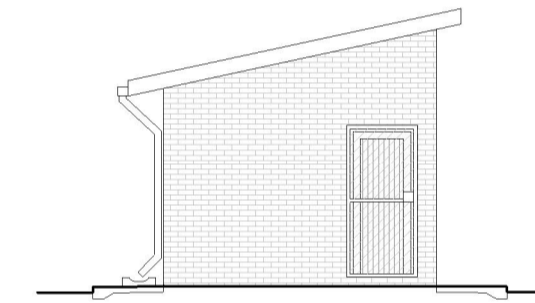
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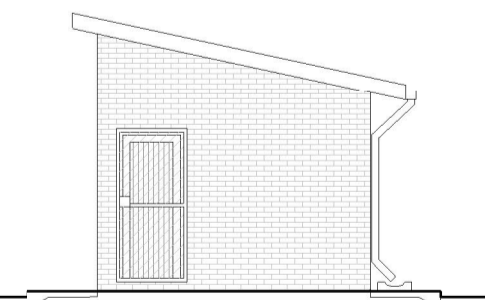
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**FLOOR PLAN:**  
SCALE 1:100



FD7 TYPE:  
**SECTION A-A:**  
SCALE 1:50



FD7 TYPE:  
**SIDE ELEVATION:**  
SCALE 1:100



FD7 TYPE:  
**SIDE ELEVATION:**  
SCALE 1:100

**GENERAL NOTES AND SPECIFICATIONS:**

- Use dimensions provided and do not scale drawing.
- All work to comply with SANS, PW371 and SABS.
- All dimensions, levels and positions to be verified on site prior to construction.
- All concrete work to be as per Engineer's details and specifications.
- All pits to face North.
- All brickwork have brickforce at every 2nd course in pit lining and 3rd course in superstructure.

- PIT EXCAVATION**
- All stages of pit excavation to be inspected and approved by Engineer and signed off.
  - All pit lining to be inspected by EnviroLo 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**
- All concrete to be as per Engineer's details and specifications.
  - 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 : 0.08m<sup>3</sup> Sand : 0.09m<sup>3</sup> Stone (Volume/Bag) 385 kg cement : 820 kg sand : 960 kg stone (Mass/m<sup>3</sup>)
  - Pre-cast concrete lintols to be used as support under top slab of pit.
  - 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**
- All pit lining / foundation brickwork to be solid NFP clay brick.
  - All internal surface of pit lining to be painted with two coats black epoxy paint installing Enviro-Loo units.

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

- ROOF SHEETING**
- 0.6mm kliplock chromadek roof sheeting.

- ROOF TIMBER / CEILING**
- All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
  - Timber connections (Hurricane Clips) are required all intercessions between timber rafters and purlins.
  - Sisalation is to be applied interval under all roof surfaces.

- METALWORK**
- All metalwork should be primed before installation.
  - All steel window should have 6x20mm flat bar burglar proofing.

- PLUMBING**
- Double concrete wash trough to be used.
  - All wash troughs should be connected to the school's water supply system and the waste water should be piped to a soakaway.
  - The soakaway should be as per Engineer's detail and position to be determined on site.
  - Only 20mm and galvanised pipework should be used as connection from wall to the discharge points.

- GLAZING**
- 6.28mm obscure safety glass
  - Stainless steel mirrors size 350x450mm high.

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

WINDOW	
WINDOW NO:	N1
CATALOGUE:	NE1
FRAME:	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH:	SPOT PRINING DEFECTS IN PRIME SURFACE WITH TNC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMPF GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING:	6.28mm OBSCURE SAFETY GLASS
NO REQUIRED:	7

WINDOW	
WINDOW NO:	N2
CATALOGUE:	NE7
FRAME:	1022 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH:	SPOT PRINING DEFECTS IN PRIME SURFACE WITH TNC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMPF GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
GLAZING:	6.28mm OBSCURE SAFETY GLASS
NO REQUIRED:	3

BUGLAR DOOR	
POSITION:	EXTERNAL TOILET BLOCK
DOOR TYPE:	PURPOSE MADE SQUARE HOLLOW SECTION MILD STEEL SECURITY GATE
DOOR FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
FRAME:	50x381 6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
DOOR:	38x281 6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100mm CENTERS AT A 45° ANGLE COLOUR TBC
IRONMONGERY:	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)

BUGLAR DOOR	
POSITION:	EXTERNAL TOILET BLOCK
DOOR TYPE:	PURPOSE MADE SQUARE HOLLOW SECTION MILD STEEL SECURITY GATE
DOOR FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
FRAME:	50x381 6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
DOOR:	38x281 6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100mm CENTERS AT A 45° ANGLE COLOUR TBC
IRONMONGERY:	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)

ENTRANCE DOOR	
FRAME TYPE:	SINGLE REBAR STEEL FRAME TO FIT 220mm WALL (D1)
FRAME FINISH:	PRIME AND PAINT UNDERCOAT AND 2nd FINISHING COATS IN GLOSS ENAMEL COLOUR TBC
DOOR LEAF:	4mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2082mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH:	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL COLOUR TBC
LOCK:	1 LEVER MORTICE LOCK SET
IRONMONGERY:	100mm BRACE CABIN HOOK

CUBICLE DOOR	
FRAME TYPE:	SINGLE REBAR STEEL DOOR FRAME SIZE 835x1500mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH:	PRIME AND PAINT UNDERCOAT AND 2 COATS GLOSS ENAMEL COLOUR TBC
DOOR LEAF:	4mm FRAMED (DOOR) FRAMED DOOR SIZE 813x1050mm (DOOR BASE 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

ENTRANCE DOOR	
FRAME TYPE:	SINGLE REBAR STEEL DOOR FRAME - SIZE 835x1500mm
FRAME FINISH:	PRIME AND PAINT UNDERCOAT AND 2 COATS GLOSS ENAMEL COLOUR TBC
DOOR LEAF:	4mm FRAMED (DOOR) FRAMED DOOR SIZE 813x1050mm (DOOR BASE BY 150mm TO TOP OF FRAME)
LEAF FINISH:	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL COLOUR TBC
LOCK:	SABS APPROVED 4 LEVER INDICATOR LOCK SET FITTED ACCORDING TO MANUFACTURERS SPECIFICATIONS PROVIDE CABIN HOOK SECURED TO DOOR WITH CATCHING BRACKET AGAINST WALL
IRONMONGERY:	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES

BUGLAR DOOR	
POSITION:	EXTERNAL TOILET BLOCK
DOOR TYPE:	PURPOSE MADE SQUARE HOLLOW SECTION MILD STEEL SECURITY GATE
DOOR FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
FRAME:	50x381 6mm M.S. RECTANGULAR HOLLOW SECTION FRAME
FRAME FINISH:	1xCOAT ZINC CHROMATE PRIMER MINIMUM 2xCOATS GLOSS ENAMEL (EXTERNAL QUALITY)
DOOR:	38x281 6mm RECTANGULAR HOLLOW SECTION FRAME WITH 25x25x1.6 INTERMEDIATES AT 100mm CENTERS AT A 45° ANGLE COLOUR TBC
IRONMONGERY:	SECURITY DOUBLE THROW DEAD LOCK (NO LATCH)

NO	DATE	AMENDMENT	D.P.W

**NOTES:**

- ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE. PRIOR TO THE COMMENCEMENT OF SETTING OUT, WORKSHOP DRAWINGS OR CONSTRUCTION, FIGURED DIMENSIONS TO BE USED IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WITH ANY WORK.
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KEY PLAN:

DEPARTMENT:

SPONSOR:

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DWG FILE NAME:

ARCHITECT:

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BENDOR 0699 TEL: 082 215 9397

CONSULTANT/DEPARTMENT  
**DIATH CONSULTING (PTY) LTD**  
TEL : 087 510 5242  
CELL : 064 526 9369  
FAX : 086 415 6426

DISCIPLINE: **CONTRACTOR:**

WCS NUMBER:  
**SEKABATE PRIMARY SCHOOL**  
**LIMPOPO PROVINCE**

DRAWING TITLE:  
**WATER-BORNE ABLUTIONS:**

FD7 TYPE:  
REF NO: - DRAWN BY: **K.M**  
SCALE: 1:100 CHECKED BY: **K.M**  
DATE: 09.2023 VERIFIED BY: **K.M**  
TYPE NUMBER: **FD7**  
DWG NUMBER: **W100:FD7**