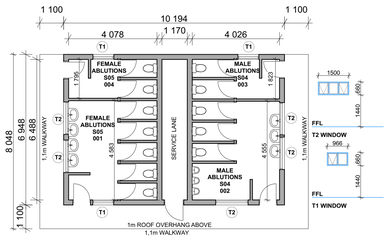


BLOCK I- ABLUTION BLOCK
SCALE: 1:100

BLOCK I (ABLUTIONS) : Scope of Works

1.) Damp on walls. Investigate if there are any leaks and repair or replace if necessary. **(REFER TO DETAIL BELOW SHOULD SANWARE REQUIRE REPLACEMENT.)**
2.) Install new gutters and downpipes. **(REFER TO TYPICAL DETAILS)**
3.) Remove and replace 1 x window glazing.**(REFER TO DETAIL BELOW)**
4.) Remove and replace ceiling, cornices and trapdoor. Remove all debris and dirt. **(REFER TO TYPICAL DETAIL)**
5.) Corroded door frames and security gates. Sand off as much rust, apply rust inhibiting primer to restore the steel. Where it can't be restored, replace with new to match existing. **(REFER TO TYPICAL DETAIL.)**
6.) Remove and replace all internal floor finishes and include new skirtings. **(REFER TO FLOOR FINISH DETAIL BELOW)**
7.) Vandalism to doors. Rub down, prime and repaint all internal doors. **(REFER TO TYPICAL DETAIL)**
8.) Remove and replace 1 x urinal. **(REFER TO DETAIL BELOW)**

REPLACEMENT SANWARE SPECIFICATIONS:

BASIN: Lecico Atlas 50cm basin with full pedestal colour White, fixed with stainless steel screws and washers to plugs in wall and sealed with abe Dow Corning acetoxy silicone sealant where basin meets wall. Material: Vitreous China, Basin code: ATLDUOBAS0500BE, Tap Hole: 1 tap hole, Height: 500mm, Width: 410mm, Depth: 788mm, TAP: Plumline 10-year warranty Moderna Chrome pillar taps (Code:038735). Mixer: Moderna Chrome pillar tap (Code: 038735). Material: DZR (dezincification resistant brass) Brass. Finish: Chrome

WC: Lecico Madison close couple suite colour White, seat and cover bolted to bowl with metal washers and rubber gaskets, 100mm outlet with cistern connected to 15mm water supply with foot of bowl sealed to floor with abe Dow Corning
acetoxy silicone sealant. Material: Vitreous China, Pan code: MADBOXDFL0SCSBE.

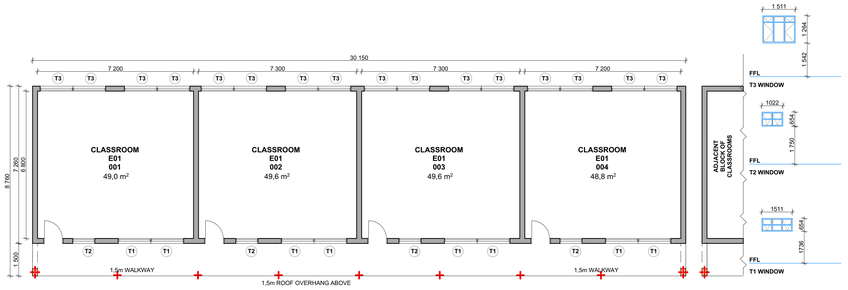
URINAL: Lecico Atlas 40cm urinal colour White, with back inlet and waste outlet including wall mounting brackets and connected to water supply, sealed with silicone sealant where urinal meets wall.
•Material: Vitreous China,
• Urinal code: ATLBOXURI0B40BE

REPLACEMENT OF BROKEN WINDOW PANEL (TYPE T2)

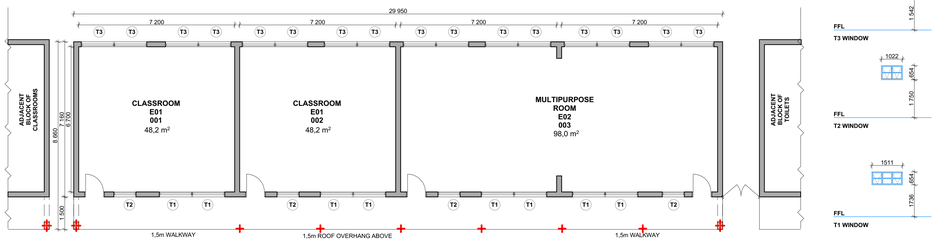
Safely remove broken glazing from Type T2 window and replace with new to match existing. Replace missing Brick Sill with new to match existing colour & finish.

REPLACE FLOOR TILES IN ABLUTIONS

Safely remove existing floor tiling and replace with new non-glazed, non-slip 500mm x 500mm x 13mm thick clay tiles, Type B1, laid on high polymer cement based adhesives. Specification & colour to be confirmed. Wall tiles to be replaced with similar to match: 200 x 200 white matt tiles.



BLOCK J- CLASSROOM BLOCK
SCALE: 1:100



BLOCK K- CLASSROOM BLOCK
SCALE: 1:100

BLOCK J+K (CLASSROOMS) : Scope of Works

1.) Replace damaged fascia boards and install new gutters, downpipes and barge boards. **(REFER TO TYPICAL DETAIL.)**
2.) Clean brickwork walls and repaint portion of end walls.**(REFER TO TYPICAL DETAIL.)**
3.) Remove and replace damaged windows. **(REFER TO DETAIL BELOW)**
4.) Once structural work is complete, prepare existing walls and apply new paint to all internal walls.**(REFER TO TYPICAL DETAIL.)**
5.) Replace brick on edge brickwork at walkway and repair concrete walkway according to Engineer's details / recommendations.**(REFER TO DETAIL BELOW)**
6.) Corrosion to steel posts. All posts to be checked. Sand off as much rust, apply rust inhibiting primer to restore the steel. Where it can't be restored, replace with new to match. **(REFER TO TYPICAL DETAIL.)**
7.) Install new door ironmongery.**(REFER TO DETAIL BELOW.)**
8.) Remove and replace all internal floor finishes and include new skirtings.**(REFER TO TYPICAL VINLY FLOOR DETAIL.)**
9.) Replace electrical plugpoints. **(REFER TO DETAIL BELOW)**
10.) Install new door over DB board. **(REFER TO DETAIL BELOW)**
11.) Remove and re-fit electrical lights which are falling. If not working, replace.**(REFER TO DETAIL BELOW)**
12.) Replace trapdoor. **(REFER TO TYPICAL CEILING DETAIL FOR SPECIFICIATION)**
13.) Rub down and revarnish doors. **(REFER TO TYPICAL DETAIL.)**

NEW DB BOARD DOOR, PLUG POINTS & LIGHTS

INSTALL NEW TYPICAL DB DOOR , REPLACE PLUG POINTS AND RE-FIT ELECTRICAL LIGHTS , ALL TO ELECTRICAL ENGINEERS DETAIL.

REPLACEMENT OF DAMAGED WINDOWS

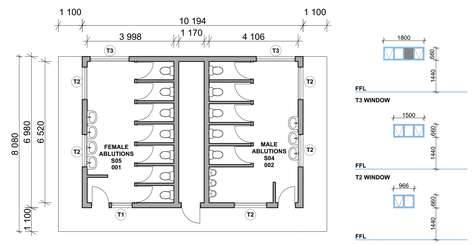
REPLACE 7X MISSING WINDOW TYPE 'T3' GLASS PANELS WITH 4MM CLEAR TOUGHENED SAFETY GLAZING.

REPAIR/REPLACE DAMAGED BRICKWORK

Replace existing damaged brickwork or missing brick work with new bricks to match existing.

NEW DOOR & GATE IRONMONGERY

	DOOR CYLINDER: DORMAKABA OR EQUALLY APPROVED STAIN NICKE 65mm FIVE PIN EURO-PROFILE DOUBLE CYLINDER .(CODE: DDC0565501KD)
	DOOR SASH LOCK: DOORMAKABA OR EQUALLY APPROVED STAINLESS STEEL CYLINDER SASH LOCK. (CODE:D036SSS)
	DOOR HANDLE: DORMAKABA OGRO 110MM LONG SPRING LOADED LEVER HANDLE IN SATIN CHROME FINISH (CODE: CB30 CYLINDER).
	DOOR HINGE: DORMAKABA OR EQUALLY APPROVED STAINLESS STEEL TWO BALL BEARING BUTT HINGE (CODE:DBBSS009)
	SECURITY GATE LOCK: DORMAKABA OR EQUALLY APPROVED OPEN SHACKLE PADLOCK DPS WITH ANTI-PICKING PROTECTION



BLOCK L- ABLUTION BLOCK
SCALE: 1:100

BLOCK L (ABLUTIONS) : Scope of Works

1.) Install new gutters and downpipes.**(REFER TO TYPICAL DETAIL.)**
2.) Replace door and window.**(REFER TO DETAIL BELOW.)**
3.) Replace damaged and missing brickwork above door. **(REFER TO DETAIL BELOW.)**
4.) Remove overgrown vegetation.
5.) Corroding door leaf and frame. Sand off as much rust, apply rust inhibiting primer to restore the steel. Where it can't be restored, replace with new to match. **(REFER TO TYPICAL DETAIL.)**
6.) Investigate if there are any leaks and repair or replace if necessary. **(REFER TO DETAIL BELOW SHOULD ANY SANWARE REQUIRE REPLACEMENT.)**
7.) Remove and replace internal floor finishes and add new skirtings.**(REFER TO TYPICAL TILE DETAIL)**
8.) Once structural work is complete, prepare existing walls and apply new paint to all internal walls.**(REFER TO TYPICAL DETAIL.)**
9.) Could not gain access into a portion of the building.

REPLACEMENT SANWARE SPECIFICATIONS:

BASIN: Lecico Atlas 50cm basin with full pedestal colour White, fixed with stainless steel screws and washers to plugs in wall and sealed with abe Dow Corning acetoxy silicone sealant where basin meets wall. Material: Vitreous China, Basin code: ATLDUOBAS0500BE, Tap Hole: 1 tap hole, Height: 500mm, Width: 410mm, Depth: 788mm. TAP: Plumline 10-year warranty Moderna Chrome pillar taps (Code:038735). Mixer: Moderna Chrome pillar tap (Code: 038735). Material: DZR (dezincification resistant brass) Brass. Finish: Chrome

WC: Lecico Madison close couple suite colour White, seat and cover bolted to bowl with metal washers and rubber gaskets, 100mm outlet with cistern connected to 15mm water supply with foot of bowl sealed to floor with abe Dow Corning
acetoxy silicone sealant. Material: Vitreous China, Pan code: MADBOXDFL0SCSBE.

URINAL: Lecico Atlas 40cm urinal colour White, with back inlet and waste outlet including wall mounting brackets and connected to water supply, sealed with silicone sealant where urinal meets wall.
•Material: Vitreous China,
• Urinal code: ATLBOXURI0B40BE

REPLACE FLOOR TILES IN ABLUTIONS

Safely remove existing floor tiling and replace with new non-glazed, non-slip 500mm x 500mm x 13mm thick clay tiles, Type B1, laid on high polymer cement based adhesives. Specification & colour to be confirmed. Wall tiles to be replaced with similar to match: 200 x 200 white matt tiles.

REPAIR/REPLACE DAMAGED BRICKWORK

Replace existing damaged brickwork or missing brick work with new bricks to match existing.

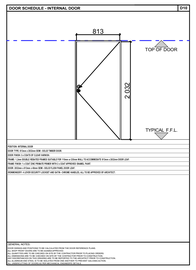
BLOCK M- GUARD HOUSE
SCALE: 1:100

BLOCK M (GUARD HOUSE) : Scope of Works as per Stage 2 Assessment Report:

1) Install new concrete apron around guardhouse as per Engineer's details.

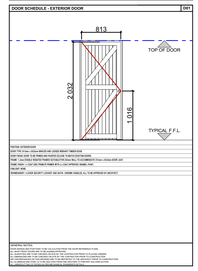
REPLACEMENT OF INTERNAL DOORS:

Remove existing internal timber doors and replace with new as per door schedule below.



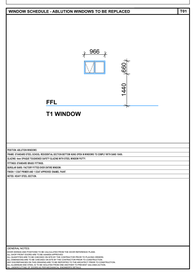
REPLACEMENT OF EXTERNAL DOORS:

Remove existing external timber doors and replace with new as per door schedule below.



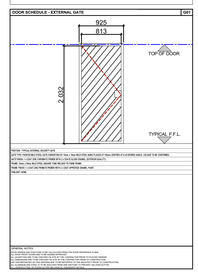
REPLACEMENT OF WINDOWS:

Remove existing windows and replace with new as per window schedule below.



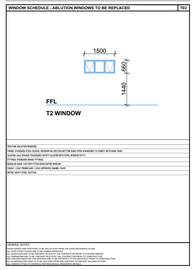
REPLACEMENT OF SECURITY GATE:

Remove existing corroded gate and replace with new as per door schedule below.



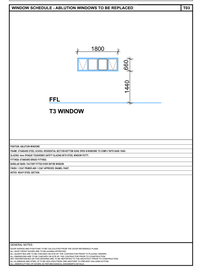
REPLACEMENT OF WINDOWS:

Remove existing windows and replace with new as per window schedule below.



REPLACEMENT OF WINDOWS:

Remove existing windows and replace with new as per window schedule below.



NOTES:
1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the office of the Architect.
2. Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing.
4. For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

Revisions:

Rev No:	Date:	Description:	Rev By:
A	22/11/22	For Information Purposes Only	MM

Architect :

Name :

Signature :

Client :

Name :

Signature :

ISENZEKO ENGINEERING

education
Department of Education
FREE STATE PROVINCE

DBSA
DEVELOPMENT BANK OF SOUTHERN AFRICA

Project:

CONDITION ASSESSMENT
POPANO SECONDARY SCHOOL

Drawing description:

EXISTING BLOCKS:
REFURBISHMENT SCOPE OF WORKS
(BLOCKS I,J,K,L & M)

Drawn: ISENZEKO ENGINEERING — A0

Scale/s: AS SHOWN ON DRAWING

FOR INFORMATION

Drawing Number: 082-PSS-102 — Revision: A