

DRAWN BY	KHOARAI DC
DATE	17-07-2025
CELL NO	073 041 4143
SACAP NO	CAD48554748
INSPECTED BY	DLAMINI S.N
SACAP NO	PSAT720685

GENERAL

- * This drawing is copyright reserved and remains the property of architect.
- * All work to be executed in strict compliance with SASSA 400.
- * All dimensions to be checked on the site and any discrepancies to be reported to the architect immediately before commencing with any work.
- * All electrical and drainage to be executed by registered artisans.
- * Where required, Architects drawing to be read in conjunction with manufacturer specification.
- * All specified or equal approved specification to be used.
- * Finished floor levels to be a min of 150mm above natural ground level unless otherwise.
- * All doors to exterior that open outwards are to have a 15mm step up to the inside of the door leaf and those opening inward are to have 15mm step up longitudinal centerline of the door leaf.
- * All concrete foundation to be a minimum of 600mm x 225mm unless shown otherwise.

DRAINAGE

- * All plumbing work to be done by licensed drainlayers and plumbers.
- * Yes to all bends and junctions to easily accessible.
- * All roof drains to be provided where necessary.
- * All soil pipe to be 110mm diameter glazed earthenware or pvc drains and to have a minimum fall 1:40 top of drain to be at least 30mm below GL.
- * All waste pipe to be 50mm internal diameter. All waste fitting to have deep sealed traps and to be fully accessible for repairs and cleaning.
- * All soil and waste fitting to be accessible at 24m centre by means of M.H.S or cleaning eyes.
- * Stormwater to run naturally with slope.

WATERPROOFING AND DAMPROOFING

- * 375 micron bridgipolythene D.P.C's
- * D.P.C's under all walls and screen walls to be 150mm above finished ground level.
- * D.P.C all cills, behind weather boards and under ridge tiles. Vertical D.P.C's to all in floor levels.
- * Surface beds to be on approved waterproofing forming a continuous sealed membrane with the D.P.C's under walls.

FOUNDATION AND BRICKWORK

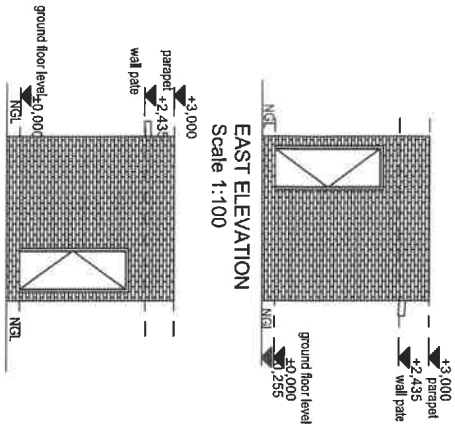
- * All foundations to be 10mpa concrete 12 sacks cement:4 wheelbarrows river sand:5 wheelbarrows 22mm stones at ground level to eng details.
- * Walls are to be plastered and painted both sides

PROPOSED 18msq

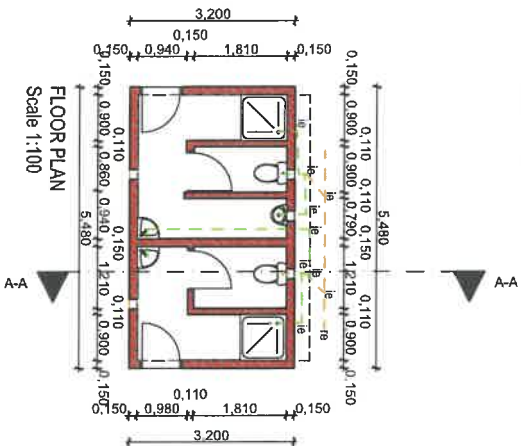
PROJECT TITLE

PROPOSED: NEW BATHROOM

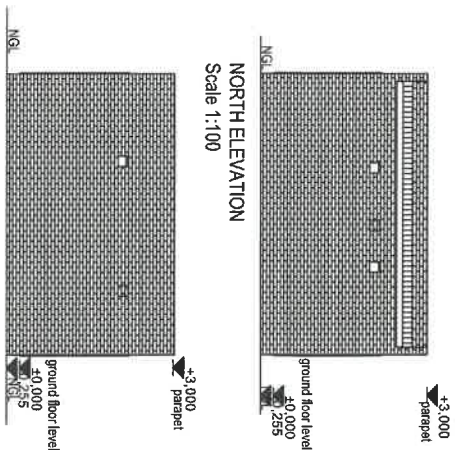
EAST ELEVATION
Scale 1:100



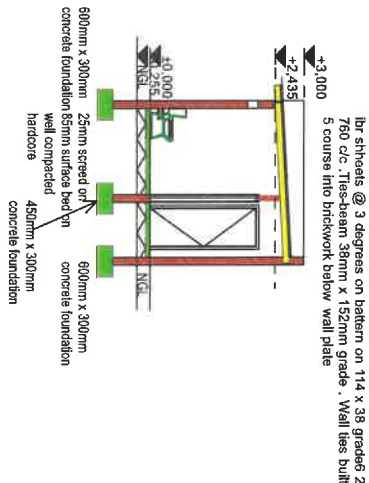
WEST ELEVATION
Scale 1:100



NORTH ELEVATION
Scale 1:100



SOUTH ELEVATION
Scale 1:100



SECTION A-A
Scale 1:100

Door Schedule

Element ID	Quantity	W x H Size
EXTERIOR DOORS	2	0,813x2,100
INTERIOR DOORS	2	0,813x2,100

3D Back View



Window Schedule

Element ID	Quantity	Opening
Opening	5	

3D Back View



SENEKAL DEPUT WTW TENDERED RATES BOQ						
ABLUTION BLOCK				SECTION 14		
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1		<u>ABLUTION BLOCK</u>				
		<u>BILL NO 1</u>				
		<u>EARTHWORKS (PROVISIONAL)</u>				
		<u>EXCAVATION, FILLING, ETC</u>				
		<u>Excavation in earth not exceeding 2m deep</u>				
1,2		Trenches	m³	25	R	-
		<u>Filling material obtained from the commercial sources compacted to 93% MOD AASHTO density</u>				
1,3		Under floors	m³	3,5	R	-
		<u>Compaction of surfaces</u>				
1,4		Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% MOD AASHTO density	m²	16	R	-
		<u>SOIL POISONING</u>				
		<u>Soil insecticide</u>				
1,5		Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m²	16	R	-
1,60		To bottoms and sides of trenches etc	m²	6	R	-
TOTAL CARRIED TO SUMMARY					R	-
ABLUTION BLOCK (CONTINUED)				SECTION 14		
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2		<u>BILL NO.2</u>				
		<u>CONCRETE FORMWORK AND REINFORCEMENT</u>				
		<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
		<u>REINFORCED CONCRETE</u>				
		<u>20 Mpa 19mm Concrete in</u>				
2,1		Surface beds	m³	6	R	-
		<u>TEST BLOCKS</u>				
2,3		Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	2	R	-
		<u>REINFORCEMENT (PROVISIONAL)</u>				

2,4		<u>Fabric reinforcement</u> No.245 fabric reinforcement in concrete surface beds, slabs, etc	m ²	30	R	-
TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3		<u>BILL NO.3</u> <u>MASONRY</u> <u>SUPERSTRUCTURE</u> <u>Brickwork of NFP bricks in class II mortar</u>				
3,1		Half brick walls	m ²	20	R	-
3,2		Half brick wall in beam filling	m ²	2	R	-
3,3		One brick walls	m ²	9	R	-
		<u>BRICKWORK SUNDRIES</u> <u>Brickwork reinforcement</u>				
3,4		75mm Wide reinforcement built in horizontally	m	50	R	-
3,5		150mm Wide reinforcement built in horizontally	m	65	R	-
		<u>100 x 70 mm Prestressed Fabricated Lintels</u>				
3,6		Lintels in lengths not exceeding 3m	m	4	R	-
		<u>Galvanised hoop iron cramps, ties, etc.</u>				
3,7		30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end built into brickwork	No	1	R	-
		<u>FACE BRICKWORK</u> <u>External face brickwork of "Maize Travestine" face bricks in stretcher bond pointed with recessed horizontal and vertical joints</u>				
3,8		Extra over brickwork for face brickwork	m ²	70	R	-
		<u>CILLS, ETC</u> <u>Asbestos cement</u>				
3,90		160mm Cill set sloping and slightly projecting	No	2	R	-
TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT

4		<u>BILL NO.4</u> <u>WATERPROOFING</u> <u>DAMP-PROOFING OF WALLS AND FLOORS</u> <u>One layer of 375 micron "Consol Plastics Brikarip DPC" embossed damp proof course</u>	m ²	4	R	-
4,1		In walls				
4,2		<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u> Under surface beds, ground beams, etc	m ²	22	R	-
TOTAL CARRIED TO SUMMARY					R	-
ABLUTION BLOCK (CONTINUED)					SECTION 14	
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5		<u>BILL NO.5</u> <u>ROOF COVERINGS ETC</u> <u>IBR SHEETING</u> <u>IBR roof covering with "global coat" finish at 3 degrees on battens on 760 c/c. Ties-beam 38mm x152mm grade. Wall ties built 5 course into brickwork below wall plate</u>				
5,1		Roof covering with pitches not exceeding 20 degrees	m ²	20	R	-
TOTAL CARRIED TO SUMMARY					R	-
ABLUTION BLOCK (CONTINUED)					SECTION 14	
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6		<u>BILL NO.6</u> <u>CARPENTRY AND JOINERY</u> <u>ROOF TRUSSES</u> <u>Plate nailed timber roof trusses</u>				
6,1		Provide a Prime Cost sum for design, manufacture, supply and delivery of timber roof trusses	Item	1	R	-
6,2		Take delivery of, store temporarily and fix timber roof trusses to a total gross floor area	Item	1	R	-

ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
8		<u>BILL NO.8</u> <u>METALWORK</u> <u>WELDED SCREENS, GATES, ETC</u> <u>PRESSED STEEL DOOR FRAMES</u>				
8,1		Frame for door 813 x 2 032 mm high	No	4	R	-
		<u>SHOWER CUBICLE PANELS AND DOORS</u> White Aluminium frosted glass panels with doors, size 900 x 2100mm	No	2	R	-
TOTAL CARRIED TO SUMMARY					R	-
ABLUTION BLOCK (CONTINUED)					SECTION 14	
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
9		<u>BILL NO.9</u> <u>PLASTERING</u> <u>SCREEDS</u> <u>1:5 Cement plaster screeds wood floated on concrete</u>				
9,1		25 mm Thick on floors and landings	m ²	16	R	-
		<u>1:5 Cement plaster screeds steel floated on concrete</u>				
9,2		25mm Thick on floors laid to falls and cross falls	m ²	16	R	-
TOTAL CARRIED TO SUMMARY					R	-
ABLUTION BLOCK (CONTINUED)					SECTION 14	
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
10		<u>BILL NO.10</u> <u>TILING</u> <u>WALL TILING</u> <u>152 x 152 x 5mm White glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u>				
10,1		Walls	m ²	0,8	R	-
10,2		175 x 175mm Toilet roll holder	No	2	R	-
10,3		Floors	m ²	8	R	-

TOTAL CARRIED TO SUMMARY						R	-
ABLUTION BLOCK (CONTINUED)						SECTION 14	
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	
11		<u>BILL NO.11</u>					
		<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>					
		<u>SANITARY FITTINGS</u>					
		<u>Vaal White Vitreous China</u>					
11,1		Oval Lavatory basin with single taphole bolted to wall with and including 32mm chromium plated waste union plug and chain	No	2	R	-	
11,2		Low level WC suite comprising pan with heavy duty white plastic seat and flap and 9 litre porcelain cistern code 710533 complete with lid and fittings and flush pipe	No	2	R	-	
		<u>TRAPS, ETC</u>					
		<u>Marley</u>					
11,3		32 mm Rubber "S" trap	No	2	R	-	
		40mm shower trap with chromium plated grating	No	2	R	-	
		<u>TAPS, VALVES, ETC</u>					
		<u>Cobra Watertech</u>					
11,4		15mm 232 / 350 CP angle regulating valve	No	2	R	-	
11,5		15 mm 484 Chrome plate "Carina" pillarcock	No	2	R	-	
11,6		15 mm 484 "Carina" elbow action pillarcock	No	2	R	-	
11,7		Solar Geyser 150L with isolation valve and associated fittings	No	1	R	-	
11,8		Cobra Shower Head	No	2	R	-	
11,9		Cobra Shower mixer	No	2	R	-	
		<u>SANITARY PLUMBING</u>					
		<u>uPVC pipes</u>					
11,10		40 mm Pipes	m	12	R	-	
11,11		100 mm Pipes	m	12	R	-	
		<u>Extra over uPVC pipes for fittings</u>					
11,12		40 mm Bend	No	8	R	-	
11,13		110 mm Bend	No	6	R	-	
Carried forward						R	-
ABLUTION BLOCK (CONTINUED)						R	-

ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Brought forward						R -
11,14		40mm Splayed end	No	2		R -
11,15		40 mm Junction	No	4		R -
11,16		40 mm Access bend	No	4		R -
11,17		40 mm vent cowl	m	2		R -
11,18		100 mm Pan connector	No	2		R -
11,19		110 mm Access bend with anti-syphon horn	No	2		R -
		<u>Sundries</u>				
11,20		Testing waste pipe system	Item	1		R -
		<u>WATER SUPPLIES</u>				
		<u>Class 0 copper pipes</u>				
11,21		15 mm Pipes	m	20		R -
		<u>Extra over class 0 copper pipes for capillary fittings</u>				
11,22		15 mm Fittings	No	15		R -
11,23		22mm Fittings	No	5		R -
		<u>Galvanised steel pipes</u>				
11,24		20mm Pipe	m	1		R -
		<u>Extra over galvanised steel pipes for steel fittings</u>				
11,25		20mm Fittings	No	5		R -
		<u>Chrome Plate Service Pipes</u>				
11,26		15 mm Diameter flexi service pipe not exceeding 450 mm girth	No	4		R -
		<u>Sundries</u>				
11,27		Testing water pipe system	Item	1		R -
TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
12		<u>BILL NO.12</u>				
		<u>GLAZING</u>				
		<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>				
		<u>6 mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>				

12,1		450 x 600mm Mirror with four screws	No	2	R	-
TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
13		<u>BILL NO.13</u> <u>PAINTWORK</u> <u>PAINTWORK ETC TO NEW WORK</u> <u>ON FIBRE-CEMENT</u> <u>One coat alkaline resistant primer, one universal undercoat and two coats enamel paint</u>				
13,1		On window cills	m ²	1	R	-
		<u>ON METAL</u> <u>Spot priming defects in pre primed surfaces with zinc chromate primer and applying one undercoat and two coats gloss enamel paint on steel</u>				
13,2		On door frames	m ²	1	R	-
13,3		Gates, grilles, etc (both sides measured)	m ²	1	R	-
13,4		On doors	m ²	2	R	-
TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
14		<u>BILL NO.14</u> <u>ELECTRICAL</u> Supply, installation, testing and commissioning of a Solar PV system sized to provide average daily energy for 3 internal fluorescent lights, 1 external LED light.				
14,1			item	1	R	-
14,2		Daynight switch to control the outside LED light	No	1	R	-
14,3		Double Switch for internal plugs	No	2	R	-

TOTAL CARRIED TO SUMMARY						R -
ABLUTION BLOCK (CONTINUED)						SECTION 14
ITEM NO	REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
15		<u>BILL NO.15</u>				
		<u>MISCELLANEOUS (PROVISIONAL)</u>				
15,1		Elements, material, structures, or work that don't fit into primary or initial or standard category	item	1	10000	R 10 000,00
TOTAL CARRIED TO SUMMARY						R 10 000,00
1		EARTHWORKS(PROVISIONAL)				R -
2		CONCRETE, FORMWORK & REINFORCEMENT				R -
3		MASONRY				R -
4		WATERPROOFING				R -
5		ROOF COVERINGS & JOIN				R -
6		CARPENTRY				R -
7		IRONMONGERY				R -
8		METALWORK				R -
9		PLASTERING				R -
10		TILING				R -
11		PLUMBING & DRAINAGE (PROVISIONAL)				R -
12		GLAZING				R -
13		PAINTING				R -
14		ELECTRICAL				R -
15		MISCELLANEOUS				R 10 000,00
TOTAL CARRIED TO FINAL SUMMARY						R 10 000,00