

DOOR SCHEDULE

TYPE	D1		
LOCATION	MAIN ENTRANCE		
DOOR NUMBER	Door No.01	QUANTITY REQUIRED: 01	DOUBLE ALUMINIUM & GLASS DOOR WITH DOUBLE SIDE LIGHTS
WALL	CONSTRUCTION: 230mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: ALUMINIUM AND GLASS FOLDING DOOR FRAME. FINISH: EPOXY POWDER COATED ALUMINIUM 6mm THICK CLEAR SAFETY GLASS		
DOOR	CONSTRUCTION: FOLDING DOOR TO MANUFACTURER'S DETAILS FINISH: EPOXY POWDER COATED ALUMINIUM		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D2		
LOCATION	RECEPTION		
DOOR NUMBER	Door No.02	QUANTITY REQUIRED: 01	DOUBLE TIMBER & GLASS DOOR
WALL	CONSTRUCTION: 230mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: ALUMINIUM AND GLASS FOLDING DOOR FRAME. FINISH: EPOXY POWDER COATED ALUMINIUM 6mm THICK CLEAR SAFETY GLASS		
DOOR	CONSTRUCTION: DOUBLE SWING DOOR TO MANUFACTURER'S DETAILS FINISH: EPOXY POWDER COATED ALUMINIUM		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D3		
LOCATION	CONFERENCE ROOM		
DOOR NUMBER	Door No.03	QUANTITY REQUIRED: 01	DOUBLE TIMBER & GLASS DOOR
WALL	CONSTRUCTION: 230mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: MACHINE LAPPED RED HARDWOOD PANELED SWING DOOR FRAME. FINISH: 1 COAT UNDER COAT PRIMER 2 COATS CLEAR VARNISH		
DOOR	CONSTRUCTION: DOUBLE SWING DOOR TO MANUFACTURER'S DETAILS FINISH: 2 COATS CLEAR VARNISH		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D4		
LOCATION	SUPERVISER OFFICE		
DOOR NUMBER	Door No.04	QUANTITY REQUIRED: 01	SINGLE ALUMINIUM & GLASS DOOR
WALL	CONSTRUCTION: 230mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: ALUMINIUM AND GLASS FOLDING DOOR FRAME. FINISH: EPOXY POWDER COATED ALUMINIUM 6mm THICK CLEAR SAFETY GLASS		
DOOR	CONSTRUCTION: SINGLE SWING DOOR TO MANUFACTURER'S DETAILS FINISH: EPOXY POWDER COATED ALUMINIUM		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D5		
LOCATION	OFFICES, BATHROOMS		
DOOR NUMBER	Door No.05	QUANTITY REQUIRED: 09	SINGLE DOOR
WALL	CONSTRUCTION: 150mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: GALVANISED STEEL SINGLE DOOR FRAME. FINISH: 1 COAT UNDER COAT PRIMER		
DOOR	CONSTRUCTION: R13/2022X40 "LOTUS AMORETTI" OR EQUAL APPROVED MERANTI RIV DOUBLE SIDED DOOR FINISH: 2 COATS POLYURETHANE - FINISH SIDED		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D6		
LOCATION	TOILETS		
DOOR NUMBER	Door No.06	QUANTITY REQUIRED: 03	SINGLE TIMBER DOOR
WALL	CONSTRUCTION: 115mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: GALVANISED STEEL SINGLE DOOR FRAME. FINISH: 1 COAT UNDER COAT PRIMER		
DOOR	CONSTRUCTION: R13/2022X40 "LOTUS AMORETTI" OR EQUAL APPROVED MERANTI RIV DOUBLE SIDED DOOR FINISH: 2 COATS POLYURETHANE - FINISH SIDED 6mm THICK TOUGHENED GLASS - FROSTED		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

TYPE	D7		
LOCATION	GENERATOR ROOM		
DOOR NUMBER	Door No.07	QUANTITY REQUIRED: 01	STEEL DOOR
WALL	CONSTRUCTION: 230mm MASONRY CONSTRUCTION		
FRAME	CONSTRUCTION: GALVANISED STEEL SINGLE DOOR FRAME. FINISH: 1 COAT UNDER COAT PRIMER		
DOOR	CONSTRUCTION: STEEL "SHAM" DOOR FINISH: 2 COATS GLOSS ENAMEL PAINT		
IRONMONGERY	NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS		
	HINGES:		
	PULL HANDLES:		
	LOCK SET:		
	DOOR STOP:		
	FLUSH BOLTS:		
	DOOR CLOSER:		
	DOOR SPRINGS:		

WINDOW SCHEDULE

TYPE	W1		
LOCATION	KITCHEN		
WINDOW NUMBER	W 1	REQUIRED	06
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W2		
LOCATION	KITCHEN		
WINDOW NUMBER	W 2	REQUIRED	01
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W3		
LOCATION	SCULLERY/LAUNDRY - BATHROOM - ENSUITE		
WINDOW NUMBER	W 3	REQUIRED	06
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W4		
LOCATION	GARAGE		
WINDOW NUMBER	W 4	REQUIRED	14
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W5		
LOCATION	LOUNGE - MASTER BEDROOM & BEDROOM 2 - DRESSING ROOM		
WINDOW NUMBER	W 5	REQUIRED	06
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W6		
LOCATION	HIGHRISE WINDOW		
WINDOW NUMBER	W 6	REQUIRED	01
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W7		
LOCATION	HIGHRISE WINDOW		
WINDOW NUMBER	W 7	REQUIRED	01
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

TYPE	W8		
LOCATION	HIGHRISE WINDOW		
WINDOW NUMBER	W 8	REQUIRED	01
CONSTRUCTION:	ALUMINIUM WINDOW FRAMES		
FRAME	FINISH: EPOXY POWDER COATED ALUMINIUM BRONZE FINISH		
GLAZING	6mm SAFETY SOLAR SHIELD S10 BRONZE TRANSLUCENT		

GENERAL NOTES

- All installation procedures to comply with good building practice and deemed to satisfy the Architect's requirements.
- This drawing to be read in conjunction with GA-layouts and all dimensions to be checked on site.
- Refer any discrepancies to the Architect in writing.

NOTE: CORRECT HANDING OF ALL WINDOWS AND DOORS TO BE CHECKED AND CONFIRMED BY CONTRACTOR ON GA DRAWINGS

NOTES & LEGEND

CONSTRUCTION NOTES (All work to be in accordance with SABS 0400)

ROOF TRUSS
Roof pitch 3°
Prefabricated pitched steel roof trusses at maximum 1000mm centres designed and executed by an approved specialist fabricator and including bracing and detail shop drawings. Roof plan to be used as a guide only.

ROOF FINISH
0.6mm Kiplok 700 steel roof sheeting clipped to 75x150mm C-channel steel purlins at 1.1m c/c on D10 Bubble foil insulation on straining wires at 1m c/c nailed to steel trusses/rafters at 1.1m c/c secured to wall by anchor bolts (to suite). Provision made for Pink Aerolite blanket insulation in-between purlins.

FLAT ROOF
R.c. slab (to Eng's det) with DERBIGUM (Duram 195) waterproofing on 25mm min. screed to fall discharging to Ø110mm down pipes with Fulbore heads

ROOF FLASHING
Approved durable GSI or other flashing and counter-flashing where roof abuts against wall and around any projection through the roof covering.

WALLS
Well burnt clay bricks of minimum 10Mpa nominal unit strength and class 2 mortar and comply with the national building regulations and 230mm thick concrete blockwork. For effective lateral support brickwork above and below window openings and at wallplate level and at every 3 courses. All external walls to be plastered blockwork and vanished brickwork.

WATERPROOFING
375 Micron gumpals brickgrp dampproof coursing extending over the full thickness of the wall to be installed at all window sills and at the level of the top of the surface bed at least 170mm above the adjoining ground. Vertical waterproofing membrane to be installed where any wall of a room is in contact with the ground

NATURAL LIGHT AND VENTILATION
All habitable rooms, bathrooms and toilets are to be provided with windows for the purposes of natural light and ventilation the total area of any such window is to be not less than 10% of the floor area of the room served by it (with a min of 0.2sqm) For natural light, and such window will be provided with opening for natural ventilation. The total area of which will be not less than 5% of the floor area of the room.

WINDOWS
Windows to be standard as manufactured by or similar approved

GLAZING
Glazing to comply with clause NN2.1 of the NBR All sliding doors to be fitted with safety glass

SURFACE BED
200mm 20Mpa concrete on 150m layers of well compacted approved suitable material.

WORK BELOW GROUND
All work below ground including foundations to engineers detail, foundation sizes and depths to be finalised on site to the satisfaction of the local authority and the structural engineer and as part of the NBR but in any case to be not less than 700 x 250

DRAINAGE
(in accordance with PART P of SABS 0400)
75mm deep seal traps used with all waste fittings. All l.e.'s to be marked at the surface and sealed. W.C.'s to have "S" or "P" traps with side access cleaning eyes. All WHB's to have Ø32mm waste pipes and Ø40mm. waste pipes. No drainage bends or junctions in or under building. Reseal traps to all waste fittings.

Pipes Sizes:
wc: Ø100mm, whb: Ø40mm, bath: Ø40mm, shw: Ø50mm, bt: Ø50mm, sink: Ø40mm, ur: Ø40mm, jac: Ø50mm.
We soil pipes having a greater drop than 1:20 must be antisiphoned Ø100mm pvc drain pipes laid to fall 1:40 min. Drains under buildings to be protected against load by being encased in concrete.

REVISIONS

NO.	DATE	INITIAL	REVISION DETAILS

ARCHITECTURAL DESIGN OFFICE

GOVERNMENT OF SWAZILAND
MINISTRY OF PUBLIC WORKS & TRANSPORT
PO BOX 58, MBABANE.
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PROJECT

PROPOSED NEW NATIONAL DISASTER EARLY WARNING CENTRE AT MBABANE-GOVERNMENT COMPLEX

TITLE

DOOR & WINDOW SCHEDULES

DESIGN GROUP

DESIGNATION	NAME	SIGNATURE	DATE
SR. ARCHITECT	T. Qwabe		
PROJECT ARCH.	N. Buthelezi		
DESIGNED	P.S. Dlamini		
DRAWN	P.S. Dlamini		
ENGINEER			
SCALE:	NTS		
DATE:	February 2014		
DRAWING NO.	CONTRACT NO.	CHKD	REV.
WT/53/14/004			