



- NOTES
- 2 vermin proofed air bricks to be
 - all glazing to comply with part N SANS 10400
 - windows to be aluminium
 - all foundations to be 1m clear of dc services
 - no part of bdy wall or foundation to encroach over bdy
 - drawing to be read in conjunction with eng.
 - barge and fascia boards to be provided
 - plan to comply with SANS 10400
 - all dimensions and levels to be checked on site before commencement of work. any discrepancies should be brought to the authors attention
 - bdy beacons to be exposed before starting work
 - conc. roof tiles on 38x38 battens on pvc underlay on 114x38 trusses on 114x38mm timber wall plate
 - retaining wall to engineers drawing
 - walls and lintels to engineers specs
 - roof and roof specs to engineers
 - plan is for submission purposes only
 - do not scale of the drawing
 - all municipal services to be exposed, before connection

pool notes
waste water via 100dia pvc pipe to smh. excess soil to be removed from site earth leakage protection to be fitted to chamber. all electrical supplies. protection to be taken against flood. seepage and rainwater into sunken pump precaution taken against plant.

ALL HARDENED AND ROOFED AREAS ON THE SITE ARE 523 SQM. THERE IS NO NEED FOR STORMWATER MANAGEMENT.

ALL STORMWATER CAN CONNECT TO THE EXISTING SW LINE.

WINDOW SCHEDULE	u/s of lintel
WINDOW TYPE:	600mm x 1200mm purpose made Aluminum window
WINDOW CODE:	(W2)
QUANTITY:	2
FRAME:	Anodized aluminum window sections
GLAZING:	4mm TSG

SITE AREA 1330SQM
EX COVERAGE 289.95
PROP COVERAGE 14.3SQM
TOTAL COVERAGE 304.25 SQM

PART XA COMPLIANCE - CLIMATIC ZONE 5		ENERGY COMPLIANCE	
Fenestration ground floor	area 12.04x 15%- 1.80 area of windows: 1.8	ensuite	20W
Geyser Tank 150L	Hot water service pipes (<800) to be clad with insulation with a min R-value of 1.00. THERMOWISE GT-SKR0308 (10KW) Please refer to specifications attached.	total	20W
Hot Water Supply	Litres/day Litres/Persons Electrical supply Heat Pump supply	ENERGY DEMAND	
Required	ex geysers to be used	14.3SQM X 5W = 71.5kW/p.a maximum	
Under floor Heating	Not applicable in proposal	ENERGY CONSUMPTION	
Shading	Vertical height values (H) are indicated on elevations. Horizontal projection value (P) is 600mm.	TOTAL WATTS HOURS / DAY YEAR	
Walls	Single leaf min. 220mm with plaster inside and render outside as per SANS 10400 PART XA 4.4.3.2 Min. required total R-value (sqm. K/W) - 2.7 Direction of heat flow - Down	20W 5 365	
Roofing	Direction of heat flow - Down R-value (sqm. K/W) of roof covering material - 0.48 R-value (sqm. K/W) of ceiling material - 0.05 Added R-value of insulation - 2.17 Aerolite or Isotherm insulation product with required specs to used otherwise similar. 100mm Thick Flexible Fibre Glass Blanket. 10 - 18 Kg/sqm 0,040 W/(m.k.)	36500w / 1000 = 36.5Kw 36.5Kw < 71.5 COMPLIES	

OWNER'S SIGNATURE *J.J. Majiera*

PROPOSED EN SUITE TO EX DWELLING AND POOL

FOR MR R R MAJIERA AND MRS J J MAJIERA
554 MARINE DRIVE
BLUFF

CAD DESCRIPTION
PORTION 112 OF ERF 1706 WENTWORTH

SUBMISSION PLAN DWG NO. SD0001

SCALE 1:100 DRAWN NS DATE 24/03/2021

SACAP REG NO. D0872 *Nishara Sukhlal*

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