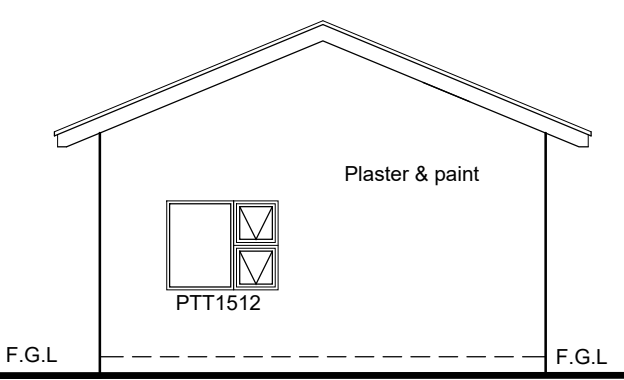


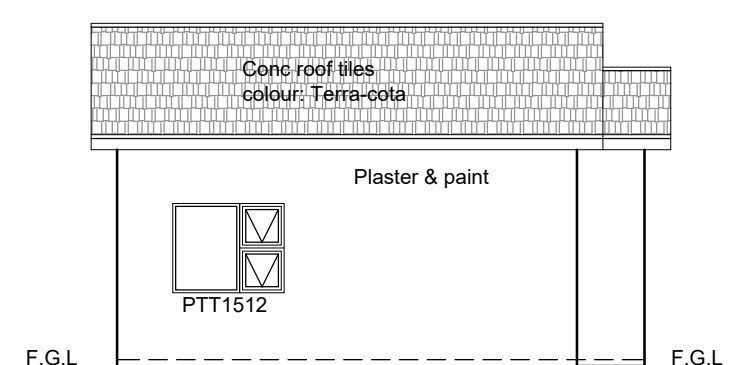
A1

WINDOW SCHEDULE					
PTT1515		PT1512		PT99	
LOCATION	ORIENTATION	LOCATION	ORIENTATION	LOCATION	ORIENTATION
LIVING ROOM	SOUTH EAST ELEVATION	MAIN BEDROOM	NORTH EAST ELEVATION	BATHROOM	SOUTH WEST ELEVATION
		BEDROOM 1	NORTH WEST ELEVATION	KITCHEN	SOUTH EAST ELEVATION
QTTY	ONE (01)	QTTY	TWO (02)	QTTY	TWO (02)
FRAME	Standard anodized Alum frame To be fitted after the brickwork. All as per the manufacturers spec.	FRAME	Standard anodized Alum frame To be fitted after the brickwork. All as per the manufacturers spec.	FRAME	Standard anodized Alum frame To be fitted after the brickwork. All as per the manufacturers spec.
FURNITURE	Handles and hinges to be installed as per the manufacturers specifications.	FURNITURE	Handles and hinges to be installed as per the manufacturers specifications.	FURNITURE	Handles and hinges to be installed as per the manufacturers specifications.
FINISH	Anodized.	FINISH	Anodized.	FINISH	Anodized.
GLAZING	6mm clear toughened safety glass as per SANS 10400 part N. to manuf. spec.	GLAZING	6mm clear toughened safety glass as per SANS 10400 part N. to manuf. spec.	GLAZING	6mm clear toughened safety glass as per SANS 10400 part N. to manuf. spec.
GENERAL	All dimensions and levels to be checked and verified on site prior to installation.	GENERAL	All dimensions and levels to be checked and verified on site prior to installation.	GENERAL	All dimensions and levels to be checked and verified on site prior to installation.

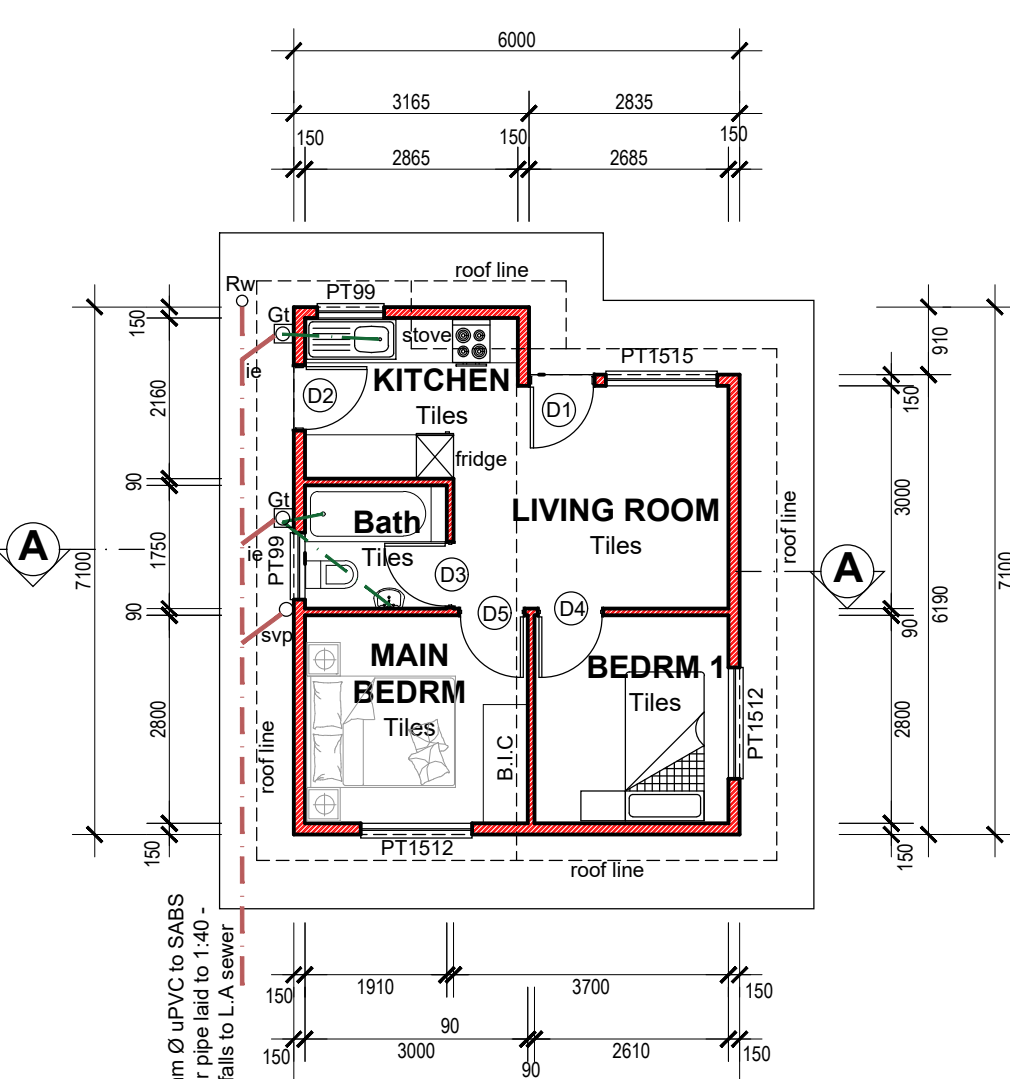
DOOR SCHEDULE									
TYPE:	TYPE "A"		TYPE "B"			TYPE "C"			
WALL:	150mm BRICKWALL		90mm BRICKWALL			150mm BRICKWALL			
REF. NO	REF. NO	LOCATION	HAND	REF. NO	LOCATION	HAND	REF. NO	LOCATION	HAND
	D01	LIVING ROOM	L/HAND	D03	BATHROOM	L/HAND	D2	KITCHEN	R/HAND
				D04	BEDROOM 1	L/HAND			
				D05	MAIN BEDROOM	R/HAND			
NO. REQ	ONE (01)		THREE (03)			ONE (01)			
FRAME	Galv. PIS double rebated door frame 1.6mm thick, with 3 pr. 100mm steel butt hinges for 150mm wall. frame to take 813x2032mm door.		Galv. PIS double rebated door frame 1.6mm thick, with 3 pr. 100mm steel butt hinges for 90mm wall. frame to take 813x2032mm door.			Galv. pressed steel double rebated door frame 1.6mm thick, with 3 pr. 100mm steel butt hinges for 150mm wall. frame to take 813x2032mm door.			
FINISH	Mid steel to be painted.		Mid steel to be painted.			Mid steel to be painted.			
LEAF	813 x 2032 x 44mm Saligna bianco HW single leaf door.		813 x 2032 x 44mm Semi solid core flush panel door, with HW edging, door to receive painting.			813 x 2032 x 44mm Solid core stable door.			
FINISH	Door to be sanded and receive 3 coats of clear varnish.		Door to receive 1 coats pink wood primer and 2 coats of super universal enamel (ny 1g)			Door to be sanded and receive 3 coats of clear varnish.			
MONGERY	1. Dove lever handles 2. Lever mortice lockset.		1. Dove lever handles 2. Lever mortice lockset.			1. Dove lever handles 2. Lever mortice lockset.			



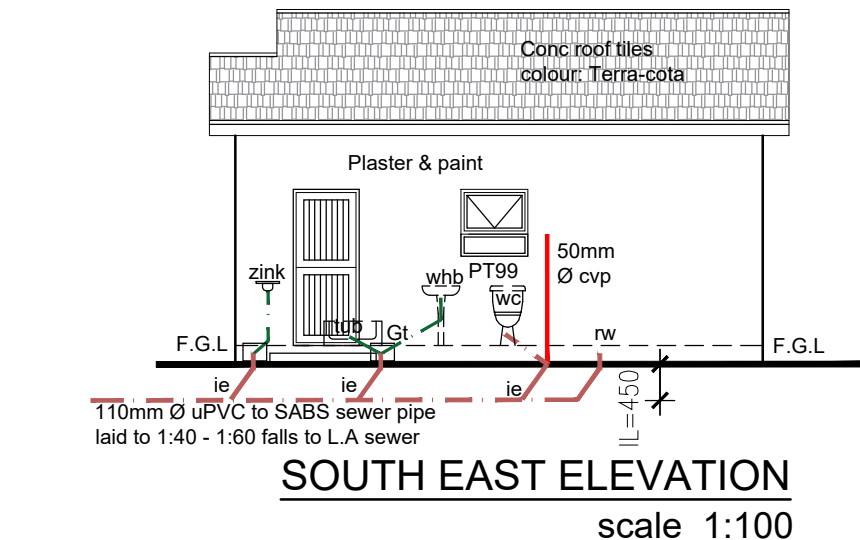
NORTH EAST ELEVATION
scale 1:100



NORTH WEST ELEVATION
scale 1:100

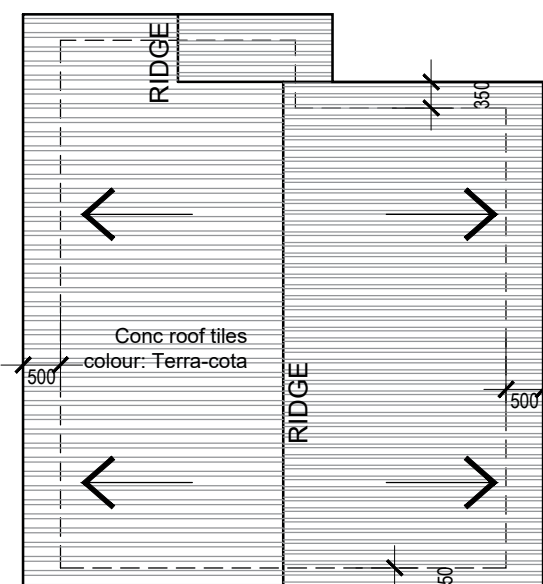


FLOOR PLAN
Scale 1:100
Area = 40,0 M²

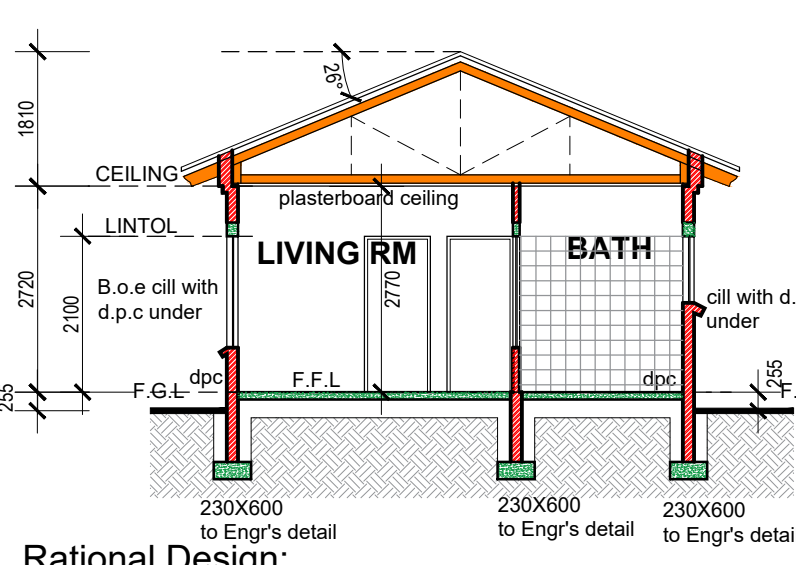


SOUTH EAST ELEVATION
scale 1:100

AREA SCHEDULE	
ROOM	AREA M ²
LIVING ROOM	10,6 M ²
KITCHEN	5,7 M ²
MAIN BEDROOM	8,4 M ²
BEDROOM 1	7,3 M ²
BATHROOM	3,2 M ²
WALLS/PASSAGE	4,8 M ²
TOTAL	40,0 M²
Stand Area	= 249 M²
Coverage	= 16,1 %



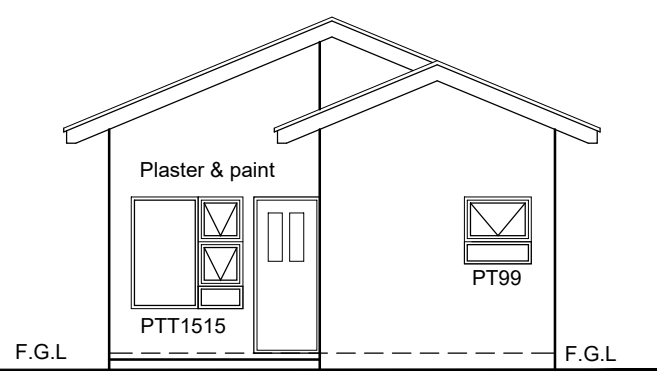
ROOF PLAN
Scale 1:100



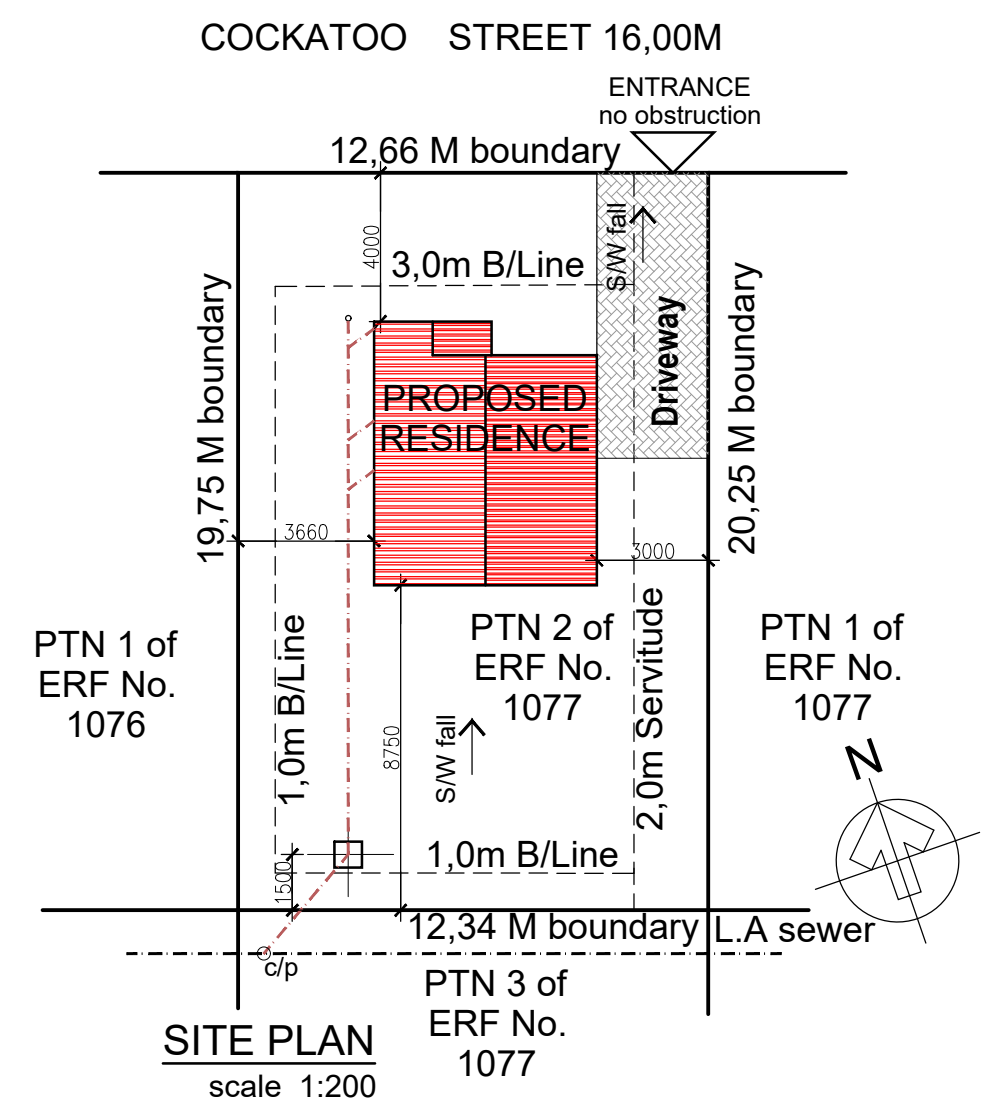
SECTION A-A
scale 1:100

Rational Design:
Certificate to be given to Owner.

Roof pitch 26°
Profiled cement tiles on 38x38 branders on SABS-approved underlay on 152x52mm s.w manufactured trusses on 114x38mm s.w wallplate with SABS-approved insulation on 38x38mm s.w branders @600mm/c one way and 450mm c/c other way to take 12.5mm plasterboard ceiling with 76mm covered cornice or approved similar
R.c beams to all door and window openings externally B.o.e cills c/w d.p.c
Specified floor finish on 40mm s/c screed on 150mm reinforced conc. slab on black polythene d.p.m under screed on 50mm sand blinding layer on 150-200mm well compacted imported hardcore in 50mm layers at 8% AKSHFO. Foundations to structural eng's design
Foundations depth 700mm Min to be determined on site.



SOUTH WEST ELEVATION
scale 1:100



SITE PLAN
scale 1:200

ENERGY CONSUMPTION: LIGHTING

ENERGY DEMAND

ALLOWED: 5 W/m²

CALCULATION:

Total Watt / Nett floor area = ****W/m²

Light in dwelling	DISCRPTION	QTY	TOTAL
13W CF		05	65
			TOTAL: 65 W

65 W / 35.20 m² = 1.846 W/m² < 5 W/m²

DO COMPLY

ENERGY CONSUMPTION

ALLOWED: 5 kWh/m².a [a = 1 (year)]

5 kWh/m².a x nett floor area = ***kWh.a

5 kWh/m².a x 35.20 m² = 176.0 kWh.a

Max Allowed = 176.0 kWh.a

CALCULATION:

ASSUMPTIONS:

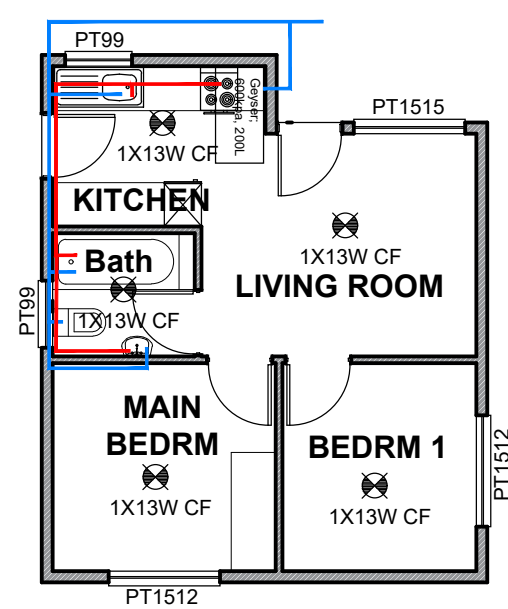
Assume lights lamps are on from 17:00 - 22:00 each day/year, that is 5 h/day

--52 (weeks) x 7 (days) x 5 (hours) = 1820 h.a

--65 W = 0.065 kW

0.065 kW x 1820 h.a = 118.30 kWh.a < 176.0 kWh.a

DO COMPLY



FLOOR PLAN

Scale 1:100
Area = 40,0 M²

WATER SYSTEM LEGEND:

- COLD WATER
- HOT WATER

CALCULATION SHEET:

- SANS 10400 XA
- SANS 204
- ENERGY CONSUMPTION: LIGHTING ENERGY DEMAND
- HOT WATER SERVICES/ SUPPLY
- EXTERNAL WALL CONSTRUCTION
- ALTERNATIVE WALL CONSTRUCTION
- ROOF ASSEMBLY
- UNDER FLOOR HEATING

ALL CALCULATIONS ARE BASED ON THE DRAWING DESIGNS AND WINDOWS SCHEDULES.

ANY CHANGE ON SITE WILL HAVE AN EFFECT ON THE CALCULATIONS.

BEFORE ANY CHANGES, THE PLANNED CHANGES MUST BE RECALCULATED TO ENSURE COMPLIANCE WITH SANS 10400XA AND SANS 204 AND OTHER REFERRED SANS COMPLIANCE REQUIREMENTS

RESPONSIBILITY
THE OWNER ACCEPTS ALL RESPONSIBILITY FOR NONE COMPLIANCE TO SANS 10400XA AND SANS 204, SHOULD THERE BE ANY DEVIATION FROM THE DESIGNED PLAN, ONCE THE PLAN IS APPROVED BY THE LOCAL MUNICIPALITY

THE COMPLETED FORMS TO BE SUBMITTED TO THE LOCAL MUNICIPALITY .

GENERAL NOTES:

- Contractor Notes:**
 - No construction may proceed on site prior to the approval of drawings by the local authority. Any building work that commences prior to the building plan approval is completely at the owner's own risk.
 - The Architect may not be held responsible for any loss or damage whatsoever that may result from building works without approved building plans.
 - Contractor to verify all levels, heights and dimensions on site and to check same against the drawings before putting any work in hand. Levels are approximate and must be verified by the Contractor prior to pricing and construction. Relative floor levels will be determined after installation of master datum.
 - Any discrepancies on drawings must be pointed out by the Contractor to the Architect prior to construction.
 - Contractor is responsible for correct setting out of the buildings, all external walls with particular reference to boundaries, building lines, etc. Any errors, discrepancies or omissions to be reported to the Architect immediately.
 - Contractor responsible to engage Building Inspector on each Construction Stage, to get full satisfaction in compliance with Local Authority by-law and regulations. - Burnt clay bricks only shall be used unless specific approval is obtained from the Architect alternative type of bricks.
 - Conditions: The civil/structural engineer is responsible for soil test.
- 2. Certificates required:**
 - The following certificates of compliance to SABS and NBR standards may be required from the Contractor by the Architect:
 - FOUNDATION CERTIFICATE: Engineer.
 - DPC: Council Inspector.
 - PLUMBING AND DRAINAGE: Specialist Sub-contractor.
 - ELECTRICAL INSTALLATION: Specialist Sub-contractor.
 - TRAFFIC AND ROAD MARKINGS: Engineer.
 - FIRE SAFETY CERTIFICATE: Specialist and/or Council.
 - ROOF STRUCTURE: Specialist Sub-contractor and/or Engineer.
 - CONCRETE SLABS: Specialist Sub-contractor.
 - WATERPROOFING: Specialist Sub-contractor.
 - GLAZING: Specialist Sub-contractor.
- 3. Materials and Finishes Notes:**
 - All finishing products such as window frames, roof, tiles, cornices, etc. must be approved by the Architect before ordering and installation.
 - All product used must comply with SABS standards and Local Authority Requirements.
 - Quality of all materials and workmanship to comply with the relevant SABS and SANS specifications and shall conform to the Standards specified in the Standard Prescribes in the Bill of Materials available for perusal at the Architect's office.
 - Contractor to build in approved DPC's whether or not these are shown on drawings to all external walls at each floor, beam or parapet level and to all window, door, grill or other opening in external walls. All partitions to comply with SABS 082 on NBR.
- 4. Building Standards Notes:**
 - All works must comply to the National Building Regulations and applicable SABS and NBR/C standards.
 - Drawings may not be scaled for construction purposes. Figured dimensions to be used at all times.
 - All drawings must be read in conjunction with one another.
 - Notes reflected on drawings apply for the entire project and works.
 - Any discrepancies on drawings must be pointed out by the Contractor to the Architect prior to construction and submission of tenders. If in doubt ask the Architect.
 - Contractor to ensure that all details shown on this drawing are in compliance with local authority by-law and regulations.
 - Contractors are to locate and identify existing services on site and to protect these from damage throughout the duration of the works.
- 5. Glazing Notes:**
 - All glazing to comply with NBR (SANS)10400 - Part N) SABS 0137 & AAMSA.
 - Dimensions

Dimensions	Max. Size	Pane
3mm	0.75	
4mm	1.50	
5mm	2.10	
6mm	3.20	

 - Any pane of glass installed in any door shall be safety glass and shall have a nominal thickness of not less than 6mm and doors not likely to be apparent to any person approaching them shall bear markings. Any glass lower than 500mm from floor finish shall be safety glass. Any window at staircases must be safety glass.
- 6. Flashing Notes:** Provide 6mm flashing at all parapets and areas where the roof line changes.
- 7. Brickwork Expansion Joints Notes:** Refer to Engineer for brickwork expansion joints.
- Revisions:** Refer to drawing list for listed revisions on drawings.
- Any queries arising from all the above must be reported to the Architect for clarification before any work is put in hand.

REVISIONS	
REV No	DESCRIPTION:
A	14.07.2022 ISSUED FOR COUNCIL APPROVAL

client

Client Approval

Sign Date

SIGOMO
BUSINESS SERVICES

Project: Proposed Residence On Portion 2 of ERF 1077, Sharon Park Lifestyle Estate, Extension 2, Springs

Status: FOR APPROVAL

Drawing: Plans, Elevations & Sections

Checked: DT (SACAP) ST2553

REG. NO. (SACAP) ST2553

Scale: as shown

Date: Oct 2022