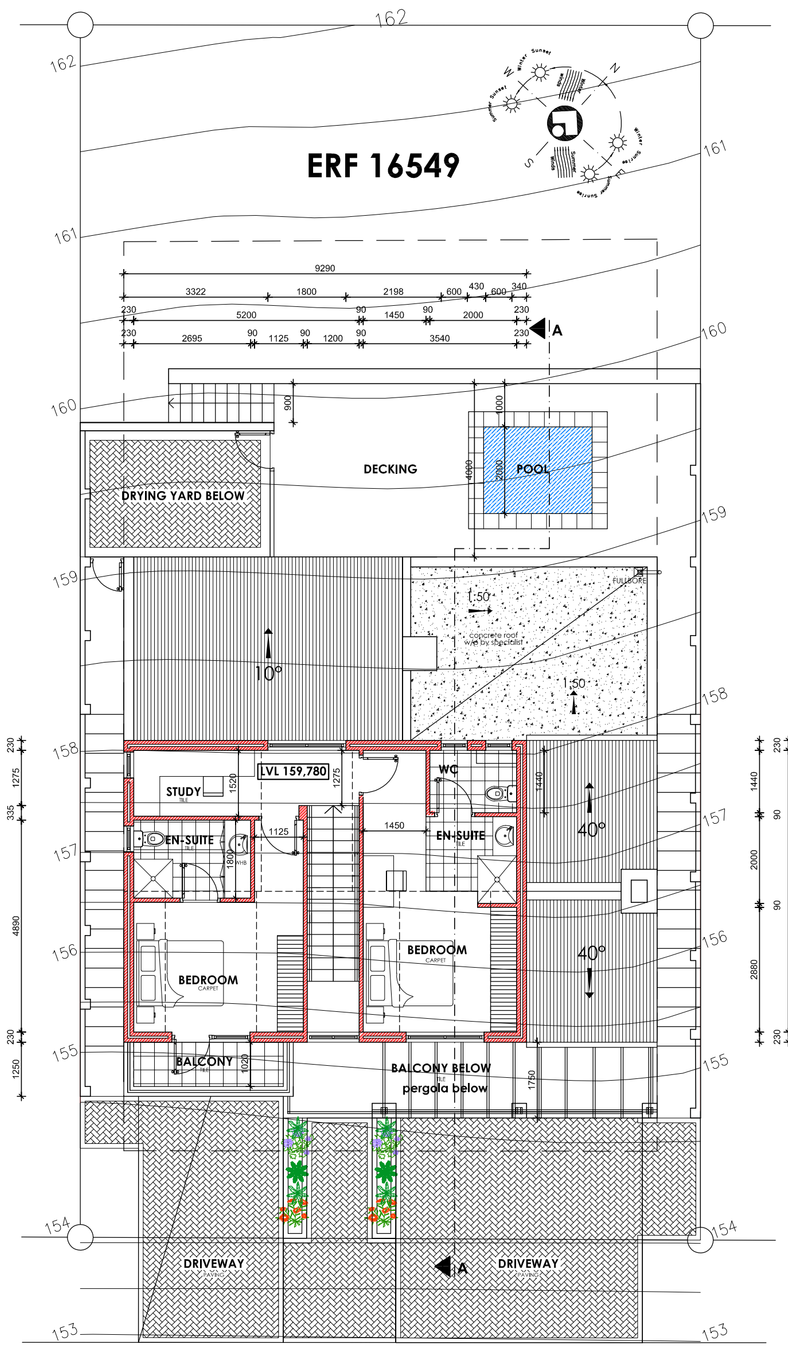
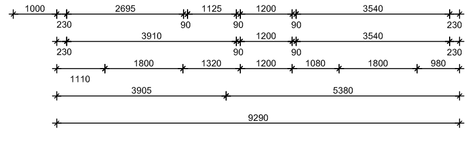
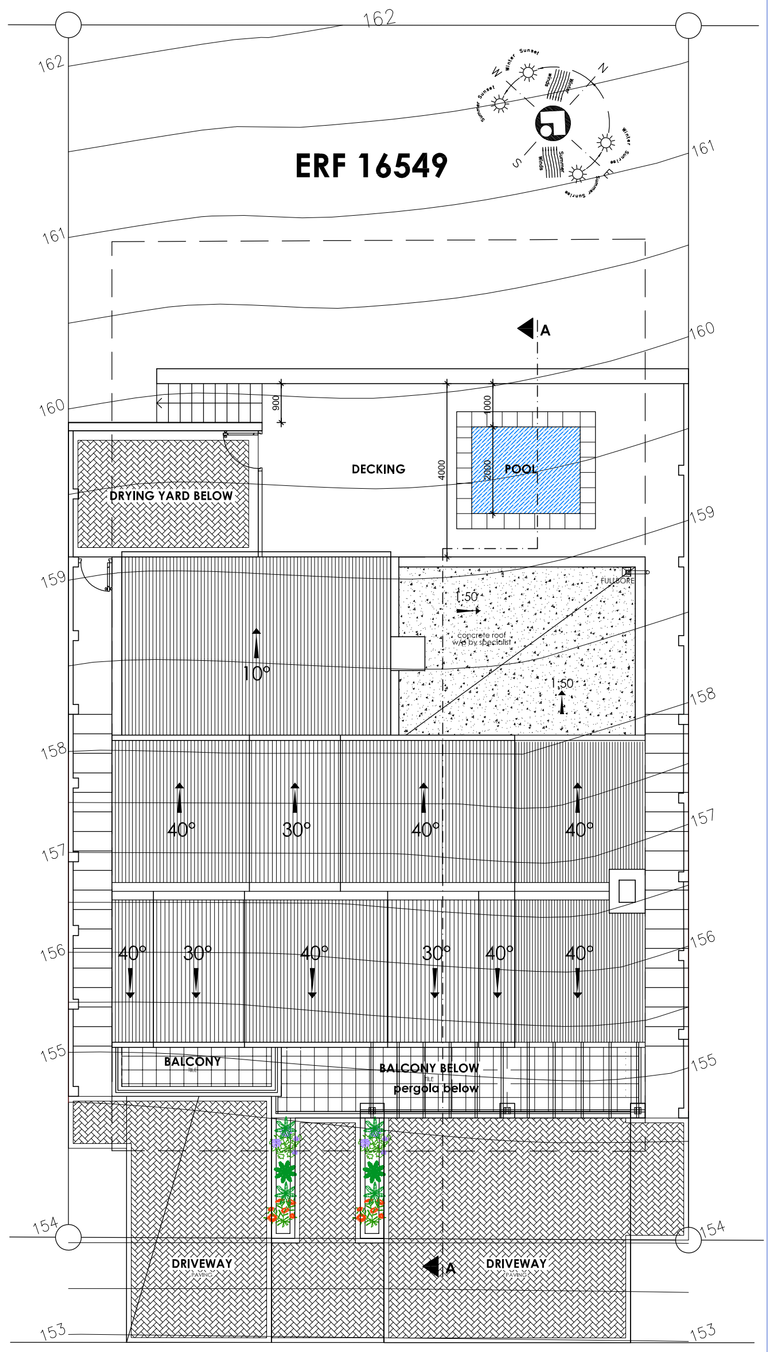




FIRST FLOOR PLAN (64m² excluding balcony)
1:100



ROOF PLAN
1:100

WORK IN PROGRESS

BUILDING INFORMATION:

Building Classification:	**H4**
Design Population:	**2 Persons per Bedroom** **3 Bedrooms = Max 6 Persons**
Climatic Zone:	**Zone 4**
Building Orientation:	**North West**
Building Envelope:	**Double Storey Dwelling**

BUILDING COMPONENTS CALCULATIONS & DETAIL IN RELATION TO SANS 10400 - XA/2011 & SANS 204:

1. **EXTERNAL WALLS:**

SPECIFICATION

- **230mm wide External masonry cavity walls, with 50mm cavity, constructed with Corobrik® 14MPa nominal compressive strength CoroMaxi 90 NFX loadbearing perforated plaster bricks, size 222 x 90 x 114mm , manufactured in accordance with SANS 227:2007, laid in stretcherbond course and bedded and jointed in 10mm thick Class II mortar joints. Provide galvanised steel butterfly wall ties reinforcement @ 4 ties per 1 sqm spacing ratio.**

SANS 10400 XA:2011 REQUIREMENTS

- The specified 230mm External masonry cavity walls do comply with SANS 10400 XA:2011 requirements. External masonry cavity walling systems exceeds the minimum required R-value of 0.35 , Please refer to SANS 10400 XA:2011 paragraph 4.4.3.2 (a)

2. ROOF MATERIALS & ASSEMBLY DETAILS:

R VALUE REQUIRED FOR CLIMATE ZONE 4 = 3.7m/m.K/W

ROOFING MATERIALS SPECIFIED	**R-Value**
Safintra Corrugated S-profile Galvanised Metal Roof Sheeting on SA Pine Timber Purlins and Roof Trusses	0.3 m/s.K/W
Gypsum Ceiling 6.4mm	0.05 m/s.K/W
Sisulation 405 Resistential Grad	0.83 m/s.K/W
130mm THick Isotherm Ceiling Insulation	2.83 m/s.K/W
TOTAL R-VALUE OF SPECIFIED ROOF ASSEMBLY	**3.77** m/s.K/W

The specified Roof Assembly & Roofing Materials do comply with SANS 10400 XA:2011 requirements as the R-Value of 3.71 m.s/K/W exceeds the minimum required R-value for climatic zone 4 of 3.7 m.s/K/W.

3. HOT WATER HEATING DETAILS:

Design Population: 3 Bedrooms House at 2 Persons per Bedroom = Max 6 Persons
Hot Water Demand: SANS 10252-1:2012 Demand Formula For Dwelling House = (115 TO 140) LiPer Person/Day
= 140L x 6 Persons = 840 Liters Per Day

Hot Water Storage: SANS 10252-1:2012 Storage Formula = (40 TO 50) LiPer Person
= 50L x 6 Persons = 300Liters

THUS: 6 Persons Require Min 240L and Max 300Litres of Hot Water Storage
Supply & Storage Installation: 2 x 150Litre Kwikot 600 Dual Slimline Geysers + 75LiHour Kwikot Heat Pump
Heat Pump Specifications: Product Code = GT-5KR010B-07
Heating Capacity = 3.5kW
Hot Water Output = 75 Litres per Hour (75Liters x 24 Hours = 1800Liters Per Day)
Water Heater Sbs = 150 Litre
Power Input = 900W
Installation & Location: Strictly according to Manufacturer's Specifications
2 x 150Litre Geysers to be Installed in ceilling space with Geyser Insulation Blankets
Heat Pump to be installed on exterior facade of house.
Hot Water Pipe Insulation: Saint Gobain ISOVER

- Thermal Insulation for the 2 x 150 Litre Hot Water Geysers will be Saint Gobain Isover Geyser Blanket, a Flexible Foil Faced Glasswool blanket with a R-value of 1.25 m.s/K/W. The thermal insulation blanket to be installed strictly in accordance to the manufacturers specifications in order to comply with SANS 10400 XA:2011 Requirements, paragraph 4.1.4
- All hot water pipes to be insulated with Saint Gobain Isover Snap On Geyser Pipe Insulation with a R-Value of 1.00 m.s/K/W thus complying with SANS 10400 XA:2011 Minimum R-Value requirement of 1.00 m.s/K/W for thermal insulation of hot water pipes smaller than 80mm in diametre, paragraph 4.1.3 & Table 1. The pipe insulation to be installed strictly in accordance to the manufacturers specifications in order to comply with SANS 10400 XA:2011.

PLEASE REFER TO ANNEXURE B - KWIKOT TECHNICAL DATA BROCHERS & SANS 10252-1:2012 - HOT WATER DEMAND

4. FENESTRATIONS DETAILS:

SANS 10400- XA:2011 paragraph 4.4.4.2 states that "Buildings with a fenestration area to nett floor area per storey that exceeds 15% do not meet the minimum energy performance requirements and shall thus comply with the requirements for fenestration in accordance with SANS 204".

PLEASE REFER TO ATTACHED - FENESTRATIONS CALCULATION DOCUMENTS AND WINDOW AND DOOR SCHEDULE

5. FLOOR DETAILS:

SPECIFICATION

- 100mm Mesh reinforced concrete surface bed cast on 25mm Sandblinding with 0.25mm smooth green polyolefin D.P.M. on 150mm layer of Hardcore filling. Surfacebed covered with a 25mm screed and 25mm floor finish. To structural engineers specifications and detailing. No underfloor heating services to be installed.

SANS 10400 XA:2011 REQUIREMENTS

- **No underfloor heating services to be installed thus the floor component complies with SANS 10400 XA:2011 requirements, paragraph 4.4.2**

GENERAL NOTES:

Swimming Pools - only applicable if indicated on plan:
- **Swimming Pool to be designed and constructed that by Specialist**
- **Swimming Pool's water from the backwash is to discharge into the sewer system.**
- **Access control to all swimming pools as indicated on site plan.**

Garage walls:
- **All walls to be 30 minute fire walls.**
- **Door between garage and dwelling to be a 30 minute fire door and equipped with a self-closing device.**

Staircase and balustrade - only applicable where indicated on plan:
- **Treads to be minimum 250mm.**
- **Risers to be maximum 200mm.**
- **A minimum of 2100mm head clearance, measured vertically from the pitch line and handrail balustrade thereto.**
- **Balustrade and staircase railings to be minimum 1m high with max. openings 100mm.**
- **Where there are more than 3 steps a balustrade is to be provided as per note above.**

Glazing:
- **All glazing to comply with requirements of SANS 10137 and SANS 10400 Part N - access doors and side lights to have safety glass. Windows lower than 500mm from floor, windows lower than 1800mm above pitch line of stairs and shop fronts to be safety glass.**

SCHEDULE OF FINISHES : AVAILABLE CHOICES AS PER THE GUIDELINES.

ITEM	FINISHES
ROOF	SAFINTRA CORRUGATED S-PROFILE GALVANISED METAL ROOF SHEETING
EXTERNAL WALLS	PLASCON, ARNISTON WHITE, FINAL COLOUR CHOICE TO BE CONFIRMED BY CLIENT.
WINDOWS - TIMBER	VARNISHED
SHUTTERS AND ROOF VENTS	TIMBER - VARNISHED
DOORS - TIMBER	VARNISHED
GARAGE DOORS - TIMBER	VARNISHED
WINDOW SILLS	TO MATCH WALL COLOUR
BOUNDARY WALLS	PLASCON, ARNISTON WHITE, FINAL COLOUR CHOICE TO BE CONFIRMED BY CLIENT.
BALUSTRADES	DARK GRAY TO MATCH ROOF COLOUR
CHIMNEYS	TO MATCH ADJOINING WALL COLOUR
FACIAS AND BARGEBOARDS	TO MATCH WALL COLOUR
GUTTERS & DOWNPIPES	TO MATCH WALL COLOUR
PERGOLAS	VARNISHED (SUEDE/SATIN) MID BROWN (*CVA 24*) AS PER 'CROWN WEATHER GLOW EXTERIOR WOOD VARNISH' OR SIMILAR

N.B.:-

- ALL CLIENT / ARCHITECT FINISHES COLOUR SELECTION TO BE IN ACCORDANCE WITH PRESCRIBED COLOUR SELECTIONS AS PER ARCHITECTURAL GUIDELINES FOR THE DEVELOPMENT.
- ONLY ONE ACCENT COLOUR MAY BE SELECTED. COLOURS MAY NOT BE MIXED. DOOR & FRAME AND WINDOW & FRAME TO BE FINISHED IN THE SAME COLOUR. THE COLOUR OF SHUTTERS MUST MATCH THAT OF THE WINDOW OR DOOR OVER WHICH THEY CLOSE.

Specification

1. GENERAL
Specification for trades and procedures to be in compliance with the Hans Wegelin Standard Specification of which a copy is available at DMP offices for reference.
JBCC 2000 contract will be applicable.

2. CONCRETE
Reinforced in-situ concrete floor slabs to engineer's specification.

3. WATERPROOFING
Provide and install stepped dpc to cavity walls: 0.375mm black embossed polyolefin, at floor slabs and above window and door openings.
Under all 85mm thick concrete surface beds that will be covered by roofs lay 0.25mm smooth green polyolefin membrane.
CONCRETE ROOFS:
derbigum sp4 dual reinforced bitumen membrane finished with a 50mm deep layer of 25mm granite chips. exposed surfaces only to be finished with two coats of bituminous aluminium paint. system to be installed by an approved derbigum applicator. bonded to primed screed (min. 25mm) laid to 1:100 fall to fulbore's. all applied according to manufacturers & engineer's spec.

SUPERSTRUCTURE
BRICKWORK
Brickwork of NFP bricks in class II mortar with reinforcement built in horizontally.
Pre-stressed fabricated lintels to be provided above all openings.
SKIRTINGS
"Cape Town Timber Co" 22 x 140mm WSK6 Meranti moulded skirtings plugged.

DOORS AND WINDOWS
Refer to door and window schedule for sizes. Codes shown on documentation are for Swartland Cape Culture 10-Year Guarantee. Equal approved quality doors and windows eg. Swartland can also be used.
Harlequin paint, water based exterior varnish to be applied to all external and internal windows and doors. Surfaces to be sanded well before application. Varnish to be applied by brush, roller or airless spray. Three coats to be applied with 4 hours between coats to dry at 23 degrees.
Joint sealant to be acrylic pointing between timber frames and walls. (internally)

CEILINGS
Install 6,4mm gypsum ceilings with 50 x 38mm softwood brandering at 400 c/c with gypsum moulded cornices, FCO 21 (Lafin Sontia, 90 x 80 x 120mm high)) and 2 layers of 50mm ISOTHERM above ceiling in FIRST FLOOR bedrooms, bathrooms and dressers.
Exposed trusses with knotty pine in between rafters and 38 x 38mm softwood brandering at 400 c/c and 2 layers of ISOTHERM 50mm between purlins in study and storage loft.

FLOOR COVERINGS
Refer to plans.

PLASTERING
External cement plaster on brickwork steel trowelled to a smooth finish Internal cement plaster to have steel trowelled finish
WINDOW CILLS - plastered externally and internally with a smooth steel trowel finish for painting except internally where tiling is specified.
120mm plaster band around all windows and doors externally (refer elevations).

SCREEDS
Provide 25mm thick wood trowelled screeds to all roofed surfaces.
Provide 25mm thick screeds to fall at porches and yard to take later specified tiles.
Provide Genesis (ESB 150.87) brass edging strips where new tiles meet other finishes.

TILING
As per samples selected by Architect/Client.
BATHROOM /WC /SHOWER - Tiled throughout to1200mm high, except in shower tiling to ceiling height.
KITCHEN - Tiled splash back above worktops surfaces to height of 1600 mm above finished floor level. Splash back behind stove to height of bottom of top cupboards and tiling behind fridge to be taken down to finished floor level. Tile line to be consistent throughout.
NOTE - Plaster and paint above tiling. Allow for tile corners to be mitred and junctions between worktop/basin/bath and tiling to be sealed with an approved fungus-resistant silicone sealant. All grouting to be "TAL" or similar approved anti-fungi grouting.

PLUMBING AND DRAINAGE
REGULATIONS - All plumbing and drainage to be carried out only by licensed plumbers and drain layers in strict accordance with the regulations of the Local Authority.
WATER SUPPLY - High pressure piping to Engineer's design and local authorities approval including entry point stopcock. A balanced water system will be installed to minimise hot water temperature fluctuations. Min. 2 BAR pressure required for taps and showerhead.
WASHING MACHINE and DISHWASHER POINTS (applicable where shown on Architects drawings) - Allow for 15mm underfile coldwater supply stopcock above the worktop and 32mm PVC waste outlet and connections.
GARDEN TAPS - Provide for 2 outside taps (15mm).

Fixing
Cut, join, lap and form sheet metal flashings, secret gutters and valleys to roof and vertical surfaces to make a watertight finish.
Fix flashings to walls with 75mm long flashing nails with a 20mm hook.
Fix flashings at ends at 400mm centers in between. Drive flashing nail into wall above the line of the flashing turn-up, and use the hook of the flashing nail to keep the flashing in position.
Chimney gutters must be turned up 100mm against chimneys and at least 225mm up the roof slope on battens. Chimney gutters must be lapped onto side flashings.
Eaves and Gutters
All gutters to be aluminum O-gee 125 x 85mm Domestic watertite or equal approved with aluminium downpipes.
Provide fulbores to concrete roofs with 75mm downpipes.
flashings against parapet walls,

EXTERNAL WORK
PERGOLAS
Timber pergolas with 228 x 50mm Meranti beams and 238 x 50mm Meranti purlins at 600mm spacing.
330 x 330mm plastered brick columns with U10 steel reinforcing in centers filled with concrete for pergolas and 228x50mm double timber coulumns with steel base brackets to detail. Refer to plans & elevations.

BRICK PAVING ON BASE
Driveway , Entrance and yard . Provide 100x100 concrete paving with 100 x 100mm concrete edge strips on concrete base. colour charcoal

PAINTING
All paint as per "Plascon" or similar approved except where specified otherwise. All paint colours as per estates guidelines colour scheme selected by Architect/Client. All paint to be applied strictly in accordance with manufacturer's specifications.
EXTERIOR PLASTER - All external wall surfaces to be painted white with "Plascon" or similar approved applied strictly in accordance with manufacturer's specifications.
INTERIOR PLASTER - All internal wall surfaces to be painted white with one coat plaster primer (PP700) and finished with two coats washable low sheen pure acrylic like "Midas" or similar approved in colour as selected by Architect/Client except where specified otherwise.
Ceilings - white
External doors and windows - 3 Coats Harlequin Paint, water based exterior varnish.
Internal doors - 3 Coats Harlequin Paint, water based exterior varnish.
Skirting - 3 Coats Harlequin Paint, water based exterior varnish.
Pergolas - 3 Coats Harlequin Paint, water based exterior varnish.

PROVISIONAL AMOUNTS
SUPPLEMENTARY PRE-AMBLES
General attendance
All security arrangements and the protection of the completed work until the handing over of the works as well as clearing and carting away of rubbish.Builder to allow for chemical toilet and temporary power.
Provision for all necessary scaffolding requirements, including those of sub-contractors, for the proper and due completion of work.

General Notes:

1. Contractor and Sub-Contractors to check all levels and dimensions on site before any work is commenced and any discrepancies to be reported to the Architect immediately.
2. Figured dimensions to be taken in preference to scaled measurements and large scale details supercede small scale drawings.
3. All work to be done in accordance National Building Regulations SANS 10400 and all requirements of Municipal and Local Authorities concerned are to be adhered to.
4. Natural light and ventilation area of all openings in accordance of floor area and SANS 10400 Part O natural light area: min.10% of floor area and natural ventilation: min. 5% of floor area.
5. All glass areas bigger than 1sqm and at a height of less than 500mm from finished floor level to be 6mm safety glass.
6. All cavities below floor level to be filled with concrete and dpc's to be stepped.

EXCAVATIONS:
All excavations to comply with part G (SABS 0400) of the National Building Regulations. All excavations as per Structural Engineers specifications and drawings.

FOUNDATIONS:
All foundations to comply with part H (SABS 0400) of the National Building Regulations. Depth of foundations to be determined and approved on site. All foundations and reinforcing as per Structural Engineers specifications and drawings.

WALLS:
MASONRY UNITS - standard (222 x 106 x 73mm) cement bricks to SANS.
INTERNAL WALLS - generally, 110mm brick walls except where load bearing walls is required, 220mm brick walls to be constructed (refer drawings). Walls plastered and painted.
EXTERNAL WALLS - 270mm cavity load bearing walls, plastered and painted as per estates guidelines.
Place galvanised *BRICKFORCE* every first and third courses as well as below slabs and every course above lintels or as instructed on by Structural Engineer. *DAMP PROOF COURSE* to be 'Gunplas Brickgrip' 375 micron D.P.C. to be laid over walls at floor slab level to form a continuous unbroken layer. D.P.C. to be used at all abutments between two wall skins at lintels, cills and jambs. Where joints occur D.P.C. to be lapped at least 200 mm and properly sealed. Use 375 micron Brickgrip embossed

FIRST & SECOND FLOOR CONCRETE SLABS:
Insitu floor slabs to Structural Engineers design and specifications.
Finish with 25 mm screed [1 cement : 3 sand] and approved floor finish as indicated on drawings.

FLOORING:
(as on floor finish drawings.)ALL transitions in floor finishes to get "Genesis" or similar approved aluminium straight edge trim as selected by Architect.

SITE WORKS:
Paving, planting and water features to common areas around complex as per Landscape Architect's drawings and specifications.

FLOOR SLABS ON SOLID:
Concrete floors and surface beds to comply with part J (SABS 9499) item JJ2 of the National Building Regulations. Cast 100mm (minimum) thick concrete slabs to all rooms having solid filling under of 1 cement : 3 sand : 6 stone (20mm stone) and float to a level and smooth finish. Filling to be free from vegetable matter thoroughly compacted in layers of 150mm max. to 100% aashto density and covered with layer of 250 micron "Gunplas" USB Green damp proof membrane on 50 mm sand blinding [1:6]. DPC to be effectively sealed to all floors and walls as described elsewhere. Slabs to be laid in one operation. Finish with 25 mm screed [1 cement: 3 sand] and approved floor finish, as indicated on drawings. Reinforcing, where required as per Structural Engineers specification. All reinforcing steel to comply with SABS 0162. Tiling on exterior stoeps (only to selected areas where shown on Architects drawings) to be laid to falls away from building on 75mm concrete slab.

DRAINAGE SINGLE STACK SYSTEM:
* All sewers to be 100mm dia min PVC, min fall 1:60, max fall 1:10.
* Open end of Vent pipe to be min 2m above any opening into building within a 5m radius. Sub vents to be fitted with an approved 2 way vent valve. All vents, stacks, geysers, down pipes etc. to be concealed. Stacks in ducs to be accessable for cleaning purposes.
* All bends and junctions in sewer to be fitted with I.E.'s, all R.E.'s under paving to be fitted with marked covers, Protect drain under foundations in accordance with PP24 of SABS 0400.
* All waste fittings to have reseal traps and pipe to be fully accessable if under floors, with I.E.'s either end or clamped to wall.
* Any sewer pipe not deeper than 350mm under ground level (I.L.-490mm) to be covered with a concrete slab, wide and strong enough to protect the sewer, with min 100mm soil between pipe and concrete.
* The radius at the centerline of bend at the foot of discharge stack, shall be not less than 300mm and other bends 600mm.
* The vertical distance between the invert of the lowest branch discharge pipe connected to and the invert of the drain at the point of connection of the stack and the drain to be min 500mm
* Where any waste or soil branches are connected to a stack the centre line of the waste branch shall not intersect the stack within 200mm below the centre line of the soil branch
* All waste branches to connect seperately to stack
* Where a french drain is required a percolation test shall be executed complying with Section PP2B of SABS 0400, and the french drain shall run parallel to the contours of the site.
* Sewer connection: as shown, with R.E. or manhole within 1,5m from connection foundations, brickwork & partitions:

OTHER:
x 1 vermin proof airbricks per room garage internal walls to be bagged & painted only prestressed precast conc. lintels over all windows, doors and other openings where shown.
INTERIOR HANDRAILS/BALUSTRADE WALLS (refer Architects drawings) - 1000mm high galvanised mild steel balustrade secured with metal angle brackets against one side of wall (only to areas where specified) - all as per Architects design and drawings. Timber to be varnished/painted and steel to be painted (colour by Architect).
EXTERIOR BALUSTRADES (where shown on Architects drawings) - 1000mm high galvanised mild steel balustrades or similar approved to Architects design and drawings, painted (colour by Architect).
VARNISHED INTERIOR TIMBER - Skirtings specified to be varnished to be painted with three coats "Rystix Timber Care" interior coating in suede finish or similar approved. First coat to be applied thinned to manufacturers specifications and finished with two final coats applied undiluted. Colour tint as selected by Architect/Client.
VARNISHED EXTERIOR TIMBER - Exterior timber specified to be varnished to be painted with three coats "Rystix Timber Care" oil-based exterior sealer in suede finish or similar approved. First coat to be applied thinned to manufacture's specifications and finished with two final coats applied undiluted. Colour tint as selected by Architect/Client.

'Gunplas': -
- **horizontally in all walls (for full width of wall) at floor height with ends overlapped minimum 200 mm**
- **vertically in walls next to windows and doors**
- **in window cills, and**
- **behind retaining walls.**

All damp poof course to comply with part K (SABS 0400) item KK15 of the National Building Regulations.Form MOVEMENT JOINT with polystyrene or bitumen-impregnated soft board where required. Fill the foremost part of the joint with polysulphide (colour to Architects approval).

PLASTER :
All interior and exterior walls to be plastered with 1 coat cement plaster to a thickness of 10 - 15mm. Mix cement and sand to the following proportions for one-coat cement plaster, bagging or roughcast:
FOUNDATION WALLS, CONSTANTLY DAMP CONDITIONS:
1:4 or 50 kg to 130 litres Cement : sand for Common cement AND1:3 or 50 kg to 100 litresCement : sand forMasonry cement.
EXTERNAL AND INTERNAL PLASTER ABOVE DPC-LEVEL:
1:6 or 50 kg to 200 litres Cement : sand for Common cement AND 1:5 or 50 kg to 170 litresCement : sand for Masonry cement.
WEAK SUBSTRATES, EG UNBURNT CLAY BRICK:
1:9 or 50 kg to 300 litresCement : sand for Common cement AND 1:6 or 50 kg to 200 litresCement : sand for Masonry cement.
All internal walls to get smooth steel trowel plaster finish.External walls to get a wood floated finish.Plaster detail to coping, plasterbands and building plinth as specified by Architect.Samples of all plaster finishes to be made up for approval by Architect prior to commencement of plasterwork.
WINDOW CILLS - plastered externally and internally with a smooth steel trowel finish for painting except internally where tiling is specified and facebrick used BOE to selected cills externally (refer elevations).
GYPSUM CEILINGS AND CORNICES to be painted with one coat primer and finished with two coats white acrylic PVA (PEM 900) to all areas except Bathrooms and Showers to be finished with two coats white Polyurethane non-drip Enamel like "Plascon Velvaglo" or similar approved, unless specified otherwise.
INTERIOR AND EXTERIOR METAL SURFACES to be painted with one coat Merit Universal Undercoat (UC1) and finished with two coats Polyurethane non-drip Enamel like "Plascon Velvaglo" or similar approved, unless specified otherwise. Colour as selected by Architect/Client. Underside of concrete slabs to be skimmed & painted unless specified otherwise.

PROJECT DETAILS
PROPOSED NEW DWELLING ON ERF 16549, WELTEVREDEN HILLS STELLENBOSCH

DRAWING DETAILS
FIRST FLOOR PLAN
ROOF PLAN
SCALE 1:100

DRAWING NUMBER	REVISION
200	0

REVISIONS

2016.21.11	FIRST ISSUE

ARCHITECT
CLIENT

NOTES

1. copyright reserved by architects.
2. all information on the plan must be checked and any discrepancies must be brought to the architects attention before any building work commences.
3. all levels and dimensions must be checked on site.
4. drawings must not be scaled.
5. all work and quality of materials must comply with nbr and all other appropriate authorities.
6. concrete foundation, surface bed and paving must comply with sabs 0100 and 0161 as well as engineers plans and specifications.
7. filling under surface beds and concrete paving must be of an acceptable material and must be compacted in layers not exceeding 150mm. filling must be treated with termite poison as indicated above.
8. unfinished ground floor level must be at least 170mm above finished ground level.
9. all brick work in stretcher bond except where shown otherwise.I brick work in stretcher bond except where shown otherwise.
10. electrical installations must be strictly according to appropriate regulations.
11. all timber roof trusses must be treated with termite resistant substance or similar approved.
12. wall ties shall be installed in any cavity wallin an evenly distributed pattern at a rate of not less than 5 ties per sq meter of face area where the cavity is more than 75mm in width.
13. the use of trade names is subject to the addition of, "... or similar approved product"
14. all finishes to be applied to manufacturers specifications
15. all cavities to be kept thoroughly clean during construction.
16. weepholes to be free from mortar and or rubble.
17. Where window openings are below 1m, provide safety railing.