



GENERAL SPECIFICATIONS

1.1 The building area must be cleared of vegetable matter and all relevant levels and dimensions to be checked by the contractor prior to setting out. Figured dimensions to be taken in preference to scaled dimensions and work to comply with NBR. Any discrepancies to be brought to the attention of the architectural designer.

2.1 230mm and 280mm thick walls to be built on 750×230mm concrete footings (1:4:5 or 10 M.P.A.) to be taken down to required depths. 2.2 Foundation walls of 115mm thick walls higher than 300mm to be built 230mm thick and those of 230mm and 280mm thick walls higher than 1.0m to be built 345mm. thick.

2.3 Filling under floors, steps and back filling to foundations to be approved clean dry material free of clay and vegetable and deleterious matter. Filling to be leveled and mechanically compacted in dampened layers of at moat 150mm.

3.1 Walls of house to be constructed of local SABS approved clay bricks.

3.2 Cavity walls to be tied with 3 galvanised wire ties per m². Cavity to be filled with concrete to dpc level and top three courses of cavity to be filled with reinforced concrete. 30mm Isoboard to be fitted in cavities.

3.4 Floor level in all cases minimum 250mm above finished ground level.

3.5 Where fill exceeds 1.0m in height floor slab to be reinforced with steel mat.

3.6 Pre-stressed reinforced concrete lintels to extend 230mm beyond all openings in external walls and openings exceeding 1500mm in internal walls. Lintels to be layed according to manufacturer's specifications with min. 4 courses of brickforce above. Where openings are between 3.0 and 4.8m 3/Y16 rods to be built into brickwork and cavities to be filled with 20 MPA concrete. 3.7 No foundations or any other part of building to project beyond boundary of property.

3.8 All reinforced concrete work to engineer's specifications. 3.9 Engineer drawings for all reinforced structural works, structural steelworks etc. staircases, retaining walls and foundation walls to be submitted before commencement of works

3.10 Building Inspector to evaluate boundary pegs before commencement of building work

5.2 Internal walls: one coat steel trowelled plaster. Exposed Brick internally where indicated

250 Micron polythene to be provided underneath all solid concrete floors - min. of 150mm above ground level.

Roof over First Storey: Colourbond Ultra range corrugated S profile roof sheeting to be laid @ 35° pitch on 50×76mm SA pine purlins @ 1200mm c/c on planed 50×228mm trusses @ 1000mm c/c tied to 38×114mm pine wallplates with 30mm wide 1.3mm thick galv. hoop iron ties. 45° Cross bracing to be supplied to roof. Gable end walls to be anchored and secured with hoop iron ties built into 600mm

Other pitched roofs: Colourbond Ultra range corrugated S profile roof sheeting to be laid @ 35° pitch on 50×76mm SA pine purlins @ 1200mm on 38×114mm gangnail trusses @ 1000mm c/c tied to 38×114mm pine wallplates with 30mm wide 1.3mm thick galv. hoop iron ties. 45° Cross bracing to be supplied to roof. Gable end walls to be anchored and secured with hoop iron ties built into 600mm brickwork. 7.3 Garage: Colourbond Ultra range corrugated S profile roof sheeting to be laid @ 3° pitch on 50×228mm SA pine rafter/purlins (timber grade 7) @ 1000mm c/c to be fixed to walls with teaco brackets.

Covered Patio: Colourbond Ultra range corrugated S profile roof sheeting to be laid @ 5° pitch on 50×76mm SA pine purlins @ 1200mm c/c on 1200mm c/c on 38×152mm rafters (timber grade 5) @ 1000mmc/c to be fixed to wall with teaco brackets and to 50×228mm supporting beam

Roof over Porch: Safintra Colourplus (color: slate) precoated SAFLOK 410 concealed (klip-lock) roof sheets to be laid @ 3° pitch on 50×76mm purlins @ 1200mm c/c on 38×114mm rafters (timber grade 5) @ 1400mm c/c fixed to wall with teaco Brackets and to 38×152mm supporting

9.1 Over First Storey: 40mm Isoboard to be fixed on top of planed trusses. 75mm Isotherm to be laid above.

9.2 Over Bedroom 1 and Foyer: 6.4mm Rhinoboard to be fixed with 38×38mm branders @ 400mm c/c to trusses . Ceiling to be

skimmed with cretestone plaster. 130mm Isotherm to be laid on top 9.3 Garage: 6,4mm rhinoboard to be to be fixed to rafters with 38×38mm branders @ 400mm c/c. 130mm Isotherm to be laid above 9.4 Porch: 6,4mm rhinoboard to be to be fixed to rafters/purlins with 38×38mm branders @ 400mm c/c 9.5 Covered Patio: 25mm isoboard to be to be fixed to rafters. 75mm isotherm to be laid above

Window frames and doors:

10.1 Window frames and doors of aluminium in charcoal coated finish - see schedule. 10.2 Front entrance door and door to garage to be of timber. Catalogue numbers refer to Swartland Joiners catalogue

1.1 Glass type strictly to be adhered to according to Fenestration schedule.

11.2 Thickness of glass according to NBR - prt. N - SANS 10400. Glass areas exceeding 1.0m² and glass lower than 500mm above floor 11.3 Safety glazing to all glass panelled doors and sidelights to doors.

13.1 Closed sewerage system to be used.

13.2 Provision of sanitary fixtures to comply in terms of table 4; 5 or 6 of Part P of SANS 10400.

13.3 Water reticulation: polycop piping to be used outside and Cobra piping throughout inside.13.4 Sewerage: All pipe work to be best quality PVC.

13.5 Drainage fixtures on the first floor to be antisyphoned or deep seal traps to be provided. 13.6 Water pipes to be lagged into walls with dpc.

13.7 Drainline protected if cover is less than 300mm.

13.8 Section of sewerage pipe underneath dwelling and driveway to be embedded in clean builders sand with cement Ref: Reg 24 (a) & (b) SANS 10400.

13.9 Hot water to be supplied to bathrooms by 200L (400KPA) horizontal geyser complete with overflow, drip tray and master box

connected to solar system

13.10 Sanitaryware according to owner's specification. 13.11 Flashing to be provided to all wall / roof intersections.

14.1 Electrical installation as per electrical plan.

14.2 Light fittings according to owner's choice.

15.1 Gutters to be profiled seamless aluminium in epoxy coated finish

15.2 Aluminium down pipes to be square.15.3 Stormwater to be taken along 100mm stormwater pipes to street.

15.4 The disposal of srorm water to comply to the requirements of Part R of the NBR & BS (Act 103 0f 1977)

16.1 No roof rafters to be built within 200 mm of the inside of chimneys.

7.1 Balustrades to be min.1.0m height and shall not contain any opening that will permit the passage of a 100mm

diameter ball as per SANS 10400 Part D 7.2 Balustrades must prevent children from climbing onto - railing post in-between columns to be vertical. Reg SANS 10400 Part D: 2022 (4.2)

1 Level of Stoeps, Verandas and paving to be 50mm lower than house floor level and to slope away from

19.1 Splashback tiles to Kitchen Counters and Vanities. Showers to be tiled to 1800mm height.

20.1 Vinyl and tilers to owner's specifications

21.1 Built in cupboards according to owner's specifications.

22.1 All plastered and bagged wall surfaces and ceilings to be finished with one filler coat and two coats acrylic P.V.A. 22.2 Timber doors and door frames to be wood sealed.

22.4 Paint type type and colours according to owner.

PROJECT NR. 4501/1 PROPOSED DWELLING on ERF 1454, PECAN ROAD, RIEBEEK KASTEEL for M & F P PHYFER

16 May 2023

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h	plug - 1,2 m above ffl	
Þ	exterior waterproof plug	
R	plug point against roof rafters / ceiling for garage door opener	
⊞	stove isolator	
₩	stove extractor fan	
ш	stove connection	
-#+	television power and antenna	
₩	intercom	
	infrared heater	
	gas geyser	
@	gas bottles	
O	gas feed	