

GLAMIS CRESCENT

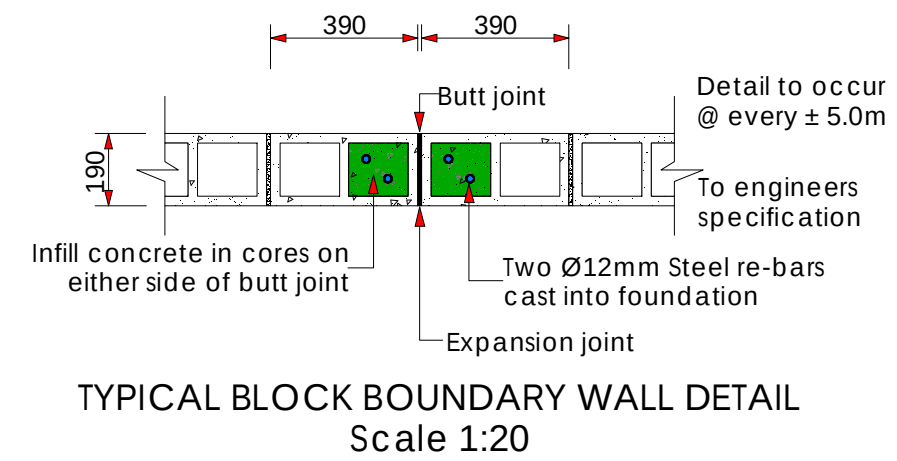
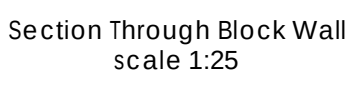
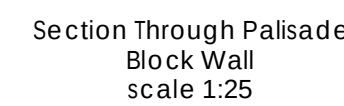
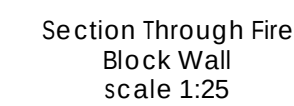
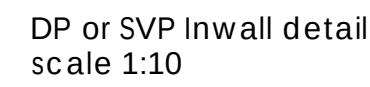


WATER DEMAND MANAGEMENT SYSTEM:

- | | |
|--|---|
| <p><u>House Water use:</u></p> <ul style="list-style-type: none"> • All shower head and taps to be water efficient • All cisterns to be dual flush: 3L & 6L. Shower heads with maximum flow rate of 6L/min. Shower heads with maximum flow rate of 7L/min. and demand or metering taps at wash hand basins. | <p><u>Topping up or filling of swimming pools with municipal drinking water allowed subject to:</u></p> <ul style="list-style-type: none"> • The pool being covered with a non-permeable solid pool cover when not in use. • Recovery of backwash water and the use of rainwater for pool topping up where practically possible. |
|--|---|

Topping up or filling of swimming pools with municipal drinking water allowed subject to

- The pool being covered with a non-permeable solid pool cover when not in use.
- Recovery of backwash water and the use of rainwater for pool topping up where practically possible.

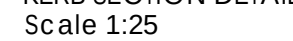
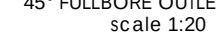


TYPICAL BLOCK BOUNDARY WALL DETAIL
Scale 1:20



DESIGN REVIEW COMMITTEE

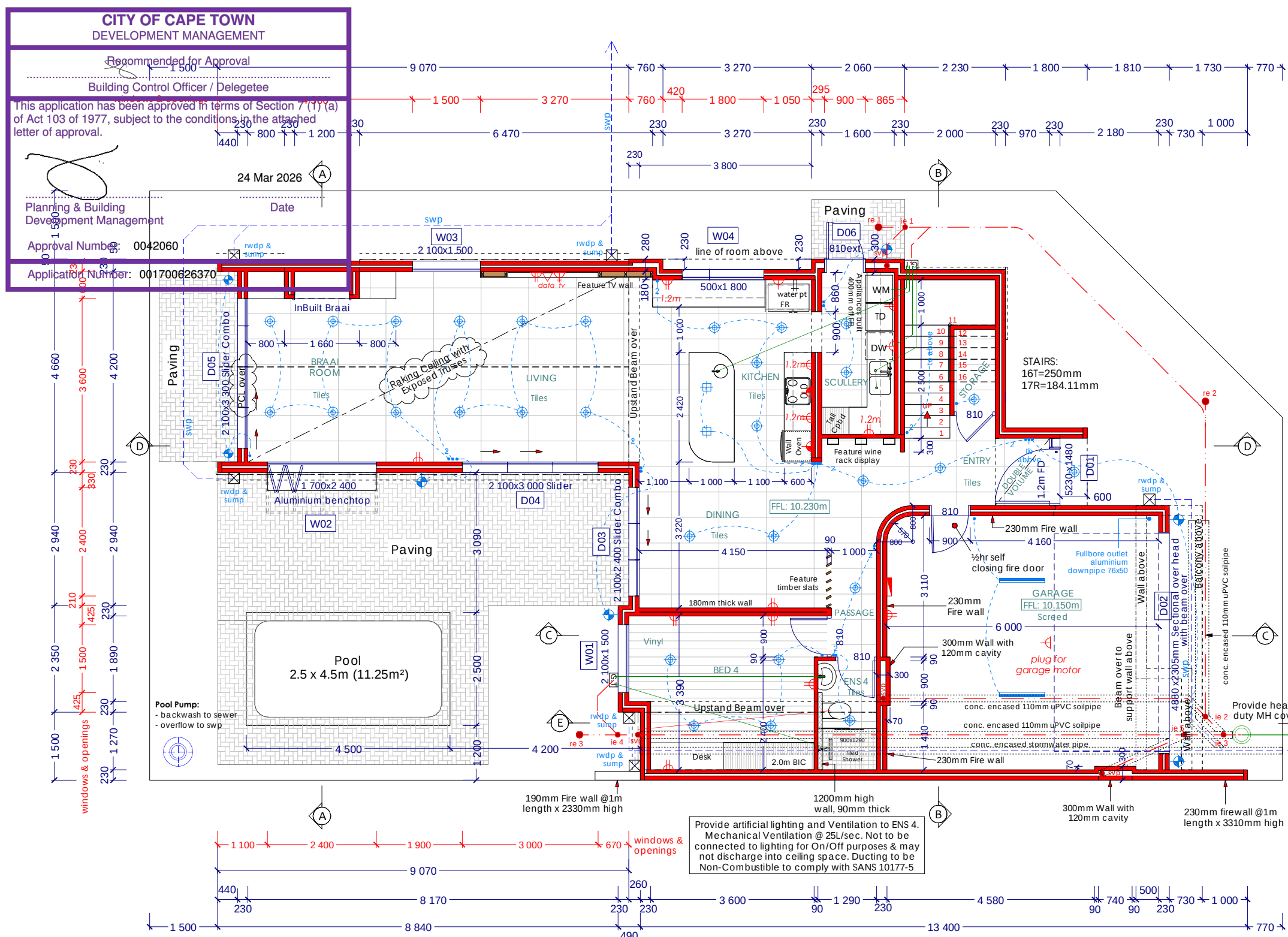
APPROVED:



SIGNATURE(S):

Christopher Smith (SACAP Reg. Nr. D 0953)
66 Brander Ave, Bloubaerg, 7443 Mobile: 0663593029

Scale @ A1 Drawn by: CMDS

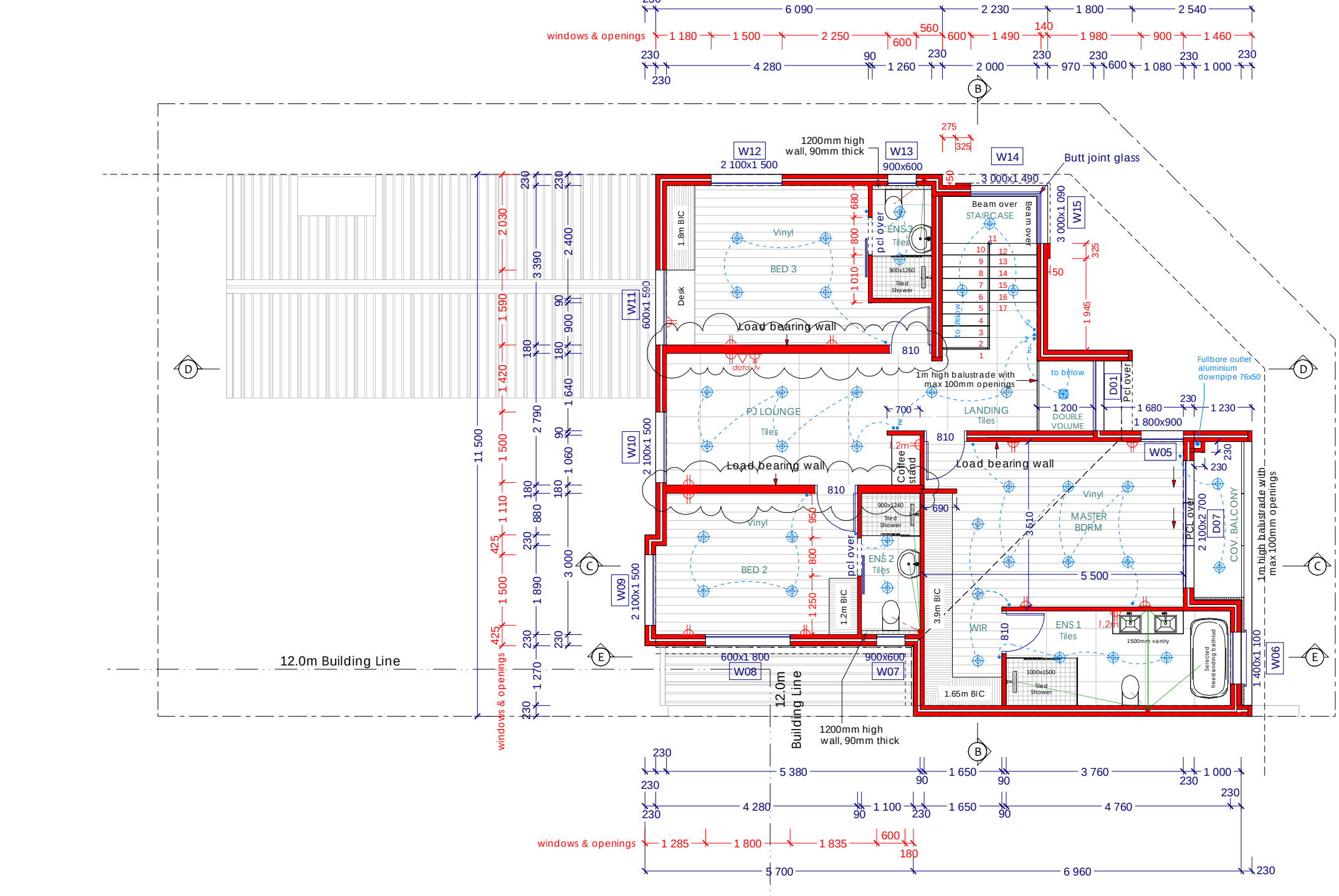
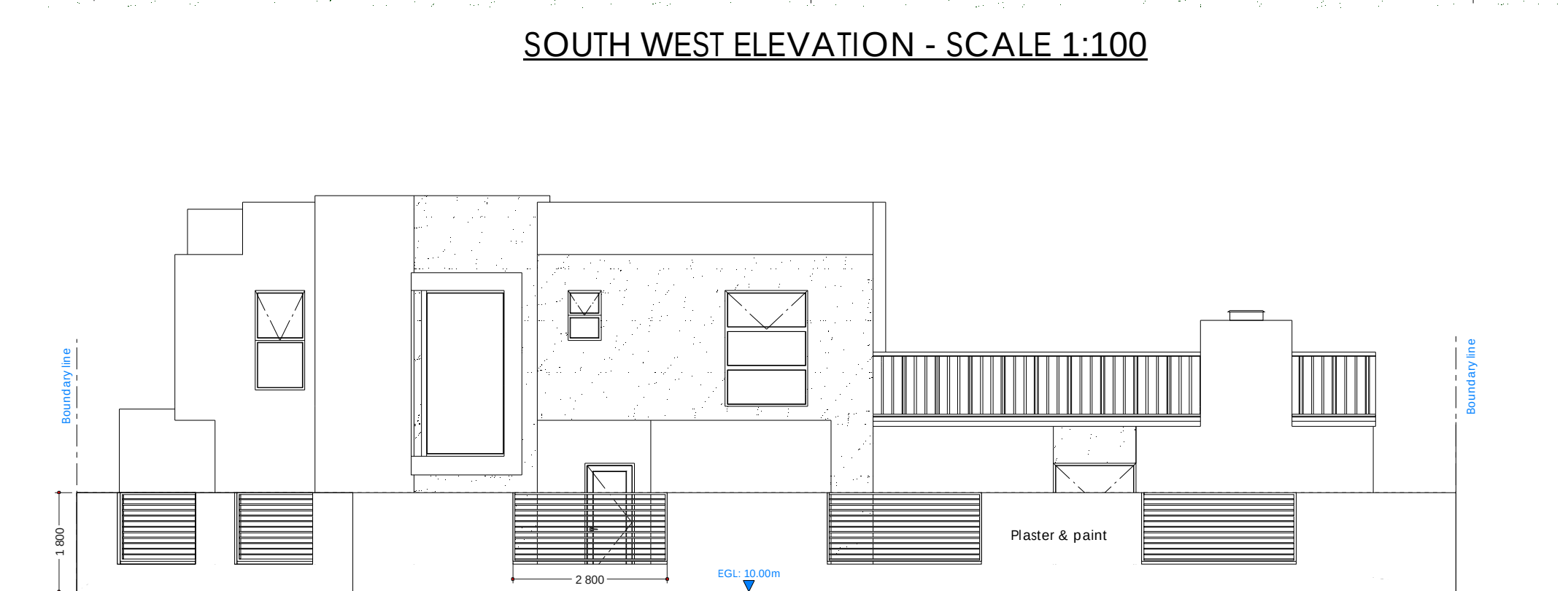
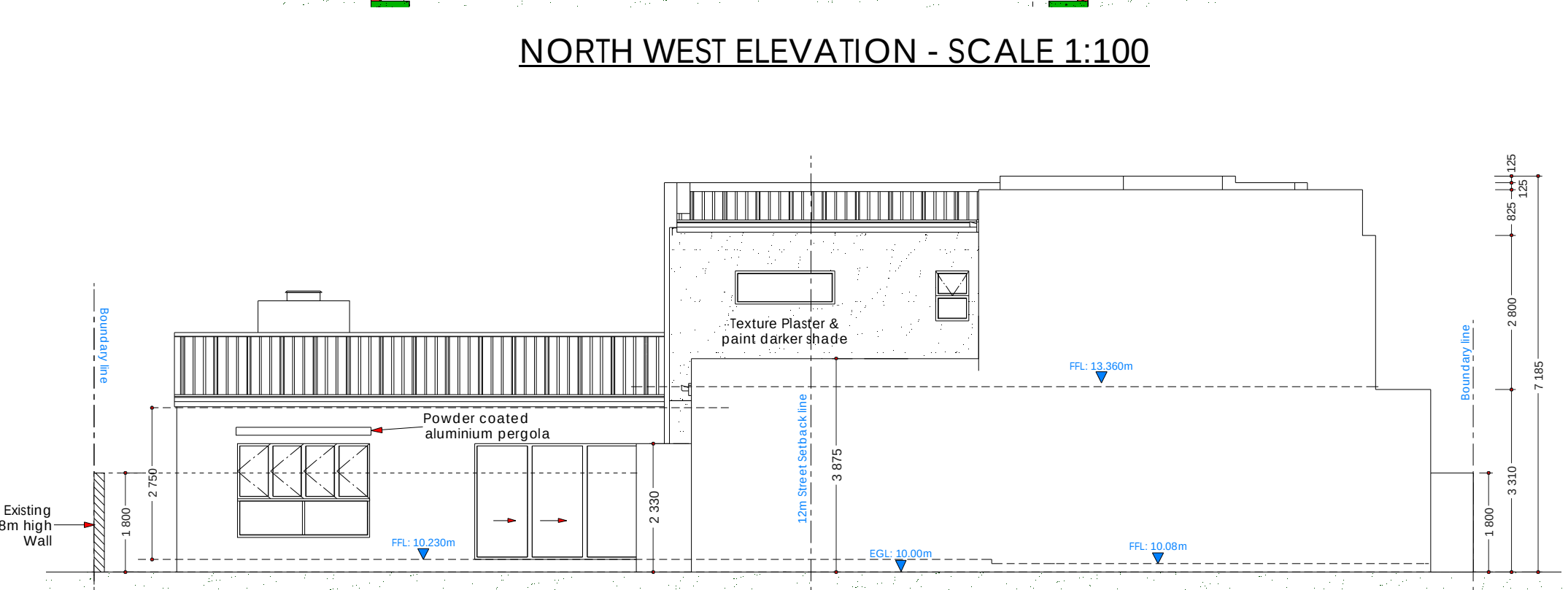
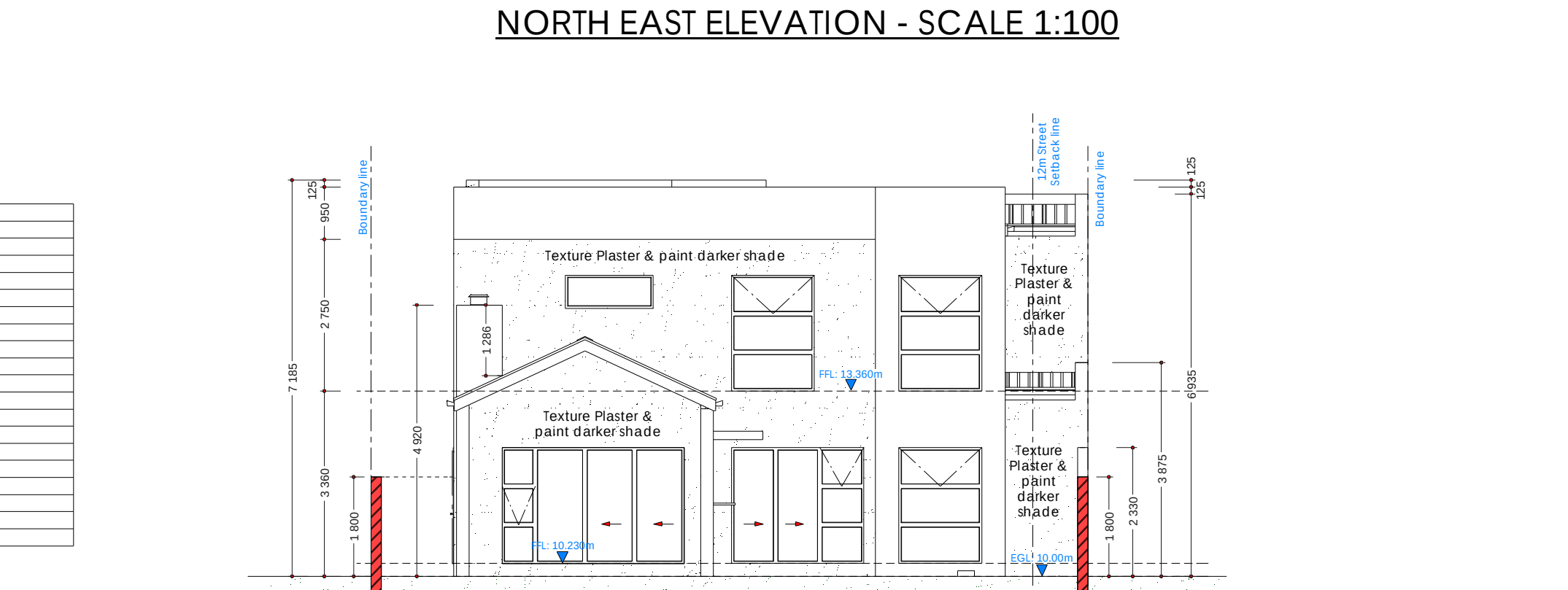
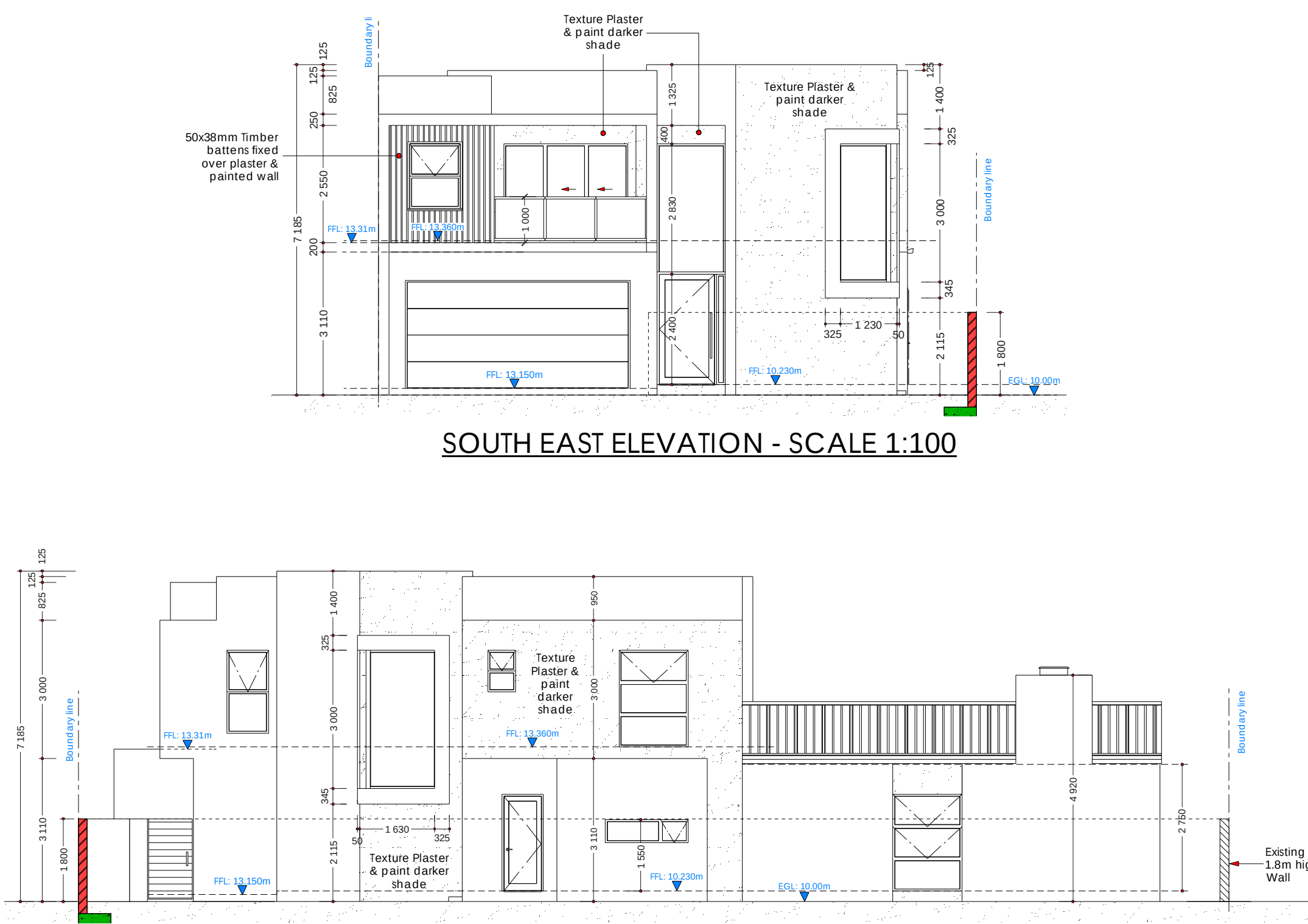


Electrical Legend

Symbol	Item
	Single socket
	Double socket
	1.2m (h) Double power point
	Stove Plug
	Single switch
	Two way switch
	T.V
	Data
	Distribution Board
	Recessed LED Downlight
	Pendant Light (halogen)
	Chandelier
	Wall light (external)
	Flourescent light fitting
	Solar Hot water cylinder
	Solar Panel
	Pantry light on door switch
	Ceiling Pan
	Heated towel rail

ALL STRUCTURAL SUPPORT SYSTEMS TO BE DESIGNED AND VERIFIED BY ENGINEER.

PROVIDE A STEP AT ENTRANCES/ EXITS WHERE THE FFL IS HIGHER THAN 200MM FROM NGL.



AREAS:	
GROUND FLOOR :	122.56 m ²
GARAGE :	36.90 m ²
COVERED DOUBLE VOLUME ENTRY :	0.89 m ²
TOTAL GF AREA :	160.45 m ²
FIRST FLOOR :	109.61 m ²
COVERED BALCONY :	4.61 m ²
DOUBLE VOLUME :	1.78 m ²
TOTAL FF AREA :	116.00 m ²
TOTAL AREAS :	160.45 m ²
TOTAL GF AREA :	160.45 m ²
TOTAL FF AREA :	116.00 m ²
TOTAL AREA :	276.45 m ²
SITE AREA :	312 m ²
COVERAGE m ² :	165.45
COVERAGE % :	53.03 %
FLOOR FACTOR :	0.89

SANDOWN

18 FEB 2026

DESIGN REVIEW COMMITTEE

APPROVED:



SOUTH EAST ELEVATION STREET VIEW - SCALE 1:100

NORTH EAST ELEVATION STREET VIEW - SCALE 1:100

NOTES

General & Administrative

- Compliance: All work must comply with Local Authority regulations and all parts of SANS 10400 (South African National Standards).
- All building material to comply with SANS standards.
- Site Checks: Contractor to verify all levels and dimensions on site before work begins. Written dimensions take preference over scaling.
- Discrepances: All work to be carried out in strict accordance with the drawings. Any errors or unclear info must be reported to the Architect immediately.
- Contractor to verify all colours & finishes with owner.
- Boundaries: No part of the building or any structure may encroach on the site boundary.
- This drawing to be read in conjunction with all relevant consultants' drawings.
- Building envelope to comply with energy requirements per SANS 10400 KA 2021 Ed 2 & SANS 204.
- All design work to be in accordance with 'developers' and homeowners association design guidelines and approved colour chart.

Roof Construction

First floor roof and lower roof section over Bed 4 and Ens 4:

Galvalised Chromadek 180 Single length roof sheeting in Grey colour @ 3° roof pitch on insulation on 75x50mm SA Fire suitless @ 1000mm c/c max. on PVC underlay on 225x75 SA Pine Timber Grade 5 Rafters @ 1000mm c/c. Rafters to be tied into brickwork with 32x16mm Galv. hoop iron built minimum 600mm into brickwork. Roof felling to be in accordance with Part K 4.2.11. Roof to be endorsed by specialist engineer.

Ground floor broad Room and Living Room:

180 longspan roof sheeting @ 25° pitch over Radenshield Single Sided reflective aluminum radiant barrier over 75x50mm Putns @ 1000mm c/c max over counter putns 75x50 (laid flat to inkeep with trusses) over 50mm thick louverboard over the top of exposed trusses. Trusses to be tied into brickwork with 32x16mm Galv. hoop iron built minimum 600mm into brickwork. Timber ends built into brickwork to be treated with Carbolineum and wrapped in DPC. Roof felling to be in accordance with Part K 4.2.11. Roof to be endorsed by specialist engineer.

Insulation: SANS 10400 approved 400 Slatolam, lapped 200mm.

Size and spacing of trusses/rafters in accordance with SANS 10400:4.4.4

Any timber ends built into brickwork must be treated with Carbolineum and wrapped in DPC (Damp Proof Course).

Provide adequate wall bracing.

Flashings: Flashing and counter flashing required around chimney, parapet walls and where roof abuts with first floor walls. Flashings as per SANS 10400 Part-L (refer Annex B).

Concrete Roof Construction:

• Bluttens: waterproofing membrane (or equal) over 25mm concrete screed with min 1" fall to fallouts on concrete slab to Engineers specifications. Waterproofing by specialist.

Fascia Boards:

All fascia and barge boards to be 28x122mm Nutek Fibre-cement board. (to Manuf. specs)

Gutters & Downpipes:

Seamless Aluminum Gutters and downpipes to be in accordance with SANS 10400:4.4.3.2. Downpipes to discharge into sumps and taken to road.

Walls & Masonry:

Extend: Max bricks, 230mm cavity walls (unless otherwise shown) on 700x250mm Concrete strip foundation.

Internal: 90mm (Non-bearing) or 600x200 Thickened slab, 180mm solid walls on 700x250mm concrete strip foundation.

Cavity Specs: 2.5 galvanized wire ties per m². Cavities concrete filled to the underside of stepped DPC at ground level. Cavities closed min. 3 courses below wall plates. Hoop-iron for roof tie to go through closure and to locate 7 to 10 courses below wall plate level alternatively. All cavities should be treated with Carbolineum and wrapped in DPC. Roof felling to be in accordance with Part K 4.2.11. Roof to be endorsed by specialist engineer.

Damp Proofing (DPC): Stepped DPC (D75micron damp proof course) to external walls at ground level, first floor level and at all openings. Weepholes @ 1155mm c/c at all stepped DPCs (min 150mm above NGL).

Precast Units: Prestressed concrete over openings with minimum of 4 courses of brickwork over, where no RC beams have been designed. Prestressed concrete lintels to be laid to manufacturer's specifications in accordance with SANS 10400 Part N. All openings >300mm require 4 courses of brickwork with bickforce in every course in accordance with Part K 4.2.9.

Plaster and Paint colour to comply with Sandown Design Guideline specifications.

Gable walls to be anchored with galv. hoop iron straps embedded 600mm into walls @ 1000mm c/c and fixed over first 3 rafters.

Street boundary wall: To be 25% visually permeable. Boundary wall to consist of 190mm Thick Block boundary wall, 1.8m high. Visually permeable sections to be Palisade Fence panels to comply with guidelines and kicker walls to be 500mm max. high. Freestanding walls to comply with SANS 10400-K Plaster & Paint finish. Expansion joints to be provided to boundary walling at max. 5000mm (center) where applicable, refer to detail and Engineers specifications. No part of the wall construction to project over the boundary line.

Concrete & Floors:

Specified floor covering with SA Pine skirting.

Floor build-up: 25mm screed over 100mm concrete slab on SANS 10400 approved 275 micron DPM (Damp proof membrane) on 50mm clean sand blinding on well compacted earth fill.

Ceilings:

Material: 6.5mm Skimmed Rhinoboard.

Fixing: fixed to bracing/strapping (38x8mm) @ 400mm c/c to underside of trusses or suspended from rafters or underside of first floor concrete slab.

Windows & Doors:

All standard windows and external doors in aluminum as per ex. Wipeco catalogue or similar. Colour to Owners selection and to comply with MCA guidelines. DPC to be wrapped around all window and door openings.

Internal Doors: Timber (40mm hollow core) ex. Rutherford catalogue or similar.

Glazing: All new glazing to comply with SANS 10400 Part N. Safety glass required for areas >1m² or less than 500mm above floor level. Glazed Doors & sidelights to be glazed with safety glazing.

Fire Safety: 30-minute fire-rated door (40mm) required between Garage and House (with 10mm threshold).

Sectional overhead garage door (40mm) required between Garage and House (with 10mm threshold).

Sectional overhead garage door (40mm) required between Garage and House (with 10mm threshold).

Light and Ventilation:

Lighting and ventilation to comply with local authority requirements.

Minimum natural light to be 20% of the floor area. Minimum ventilation to be 5% of the floor area in accordance with SANS 10400:4.5.

Artificial Ventilation to be in accordance with SANS 10400:4.5.2.

Mechanical extraction (25L/s) on separate switch for internal bathrooms and may not discharge into ceiling space. Ducting to comply with SANS 10177-5.

Services (Plumbing & Electrical)

Plumbing:

110mm dia. Sewer Line @ min. 1.60 Fall to Municipal connection. All plumbing to comply with SANS 10400 - Part P. Any part of sewer line below building or driveway to be encased i n concrete typical.

100mm dia uPVC stormwater pipe to discharge onto road as per plan. Any part of stormwater line below building or driveway to be encased in concrete.

Min. Class 1 copper water pipes to building.

All Plumbing pipes to be concealed.

Washing Machine/Dishwasher points: Supply/waste in 90mm deep recess; stopcock above counter; waste min 600mm above FFL.

Hot Water (Energy): Insulate hot water piping from geyser to supply, hot water system & water supply to comply with SANS 204. 50% of hot water generation to be alternate energy (Heat Pump or Solar Geyser) per SANS 204.

Drainage connection point and levels to be verified by the plumbing contractor before commencement of any work.

Water meter and connection pipe to be min. 19mm i.d.

Electric:

Supply and fit single phase electrical connection from council.

Provide a Telkom connection lead to SANS 9600/1009.

Light switches: 1200mm above FFL unless specified otherwise. Sockets: 400mm above FFL unless specified otherwise.

Chimney:

Chimneys to be min. 1000mm above roof plane & if less than 1.5m from adjacent structure to extend 1m min. above adjacent structure. Flashing with flashing and counter flashing in terms of SANS 10400:4.4.5.

Chimney laterally unsupported and higher than 4.0m shall be designed in accordance with SANS 10400:4.

No combustible material, such as timber joist, timber roof trusses shall be built within 200mm of the inside of such chimney.

Stairs:

External steps max. rises 180mm, min. treads 250mm.

Reinforced Concrete stairs as Engineers details. 18 treads @ 250mm & 17 risers @ 184.11mm. Headroom - 2.1m minimum.

Provide 1000mm high balustrades by specialist with max. No opening to allow the passing of a 100mm dia ball to staircase. Style of balustrade Owners selection.

Balcony:

Waterproofing to balconies to be in accordance with SANS 10400:4.4.3.

Provide 1000mm high balustrades by specialist with max. No opening to allow the passing of a 100mm dia ball to all balconies. Style of balustrade Owners selection.

Waterproofing:

All waterproofing to be done by specialist.

Structural Work:

All structural work to be referred to engineer.

Fire Protection:

Any separating element (wall and floor) between any garage and any habitable room shall have a fire resistance of not less than 30 min and the wall shall extend to the underside of the roofslab.

Note wall between Garage, Kitchen, Scullery and Entrance hall to provide 30 minute fire resistance. Any door between such garage and any such room shall have a fire resistance of not less than 30 min and such doorway shall require a threshold of not less than 10 mm.

Swimming Pool:

Pool to be constructed in strict accordance with local authority regulation.

Positioning of the pool to be confirmed by client before work commences.

Contractor to check all levels and dimensions on site before the commencement of work.

Construction: 300mm blockwork and plaster.

Reinforcement: 10mm Mid steel rods @ 400mm centers, central in blockwork and secured with wire ties.

Finish: Waterproofing fibre lining in approved colour.

Excavation: Hand-dug; soil to be removed from site (do not bank against any walls or fences).

Safety: All gates to pool/property must be self-closing and self-latching.

Backwash to discharge to sewer. Overflow to discharge to stormwater system.

Topping up or filling of pool with Municipal drinking water only allowed subject to:

- Pool being covered with non-permeable solid pool cover when not in use.
- Recovery of backwash water and the use of off rainwater for pool topping up where practically possible.

REVISION LIST:		
REV:	DATE:	DRAWN: DETAILS:
2	17-02-2026	CMDS First Council Submission
3	22-03-2026	CMDS Second Council Submission
SIGNATURE(S):		
Christopher Smith (SACAP Reg. Nr. D 0953)		
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