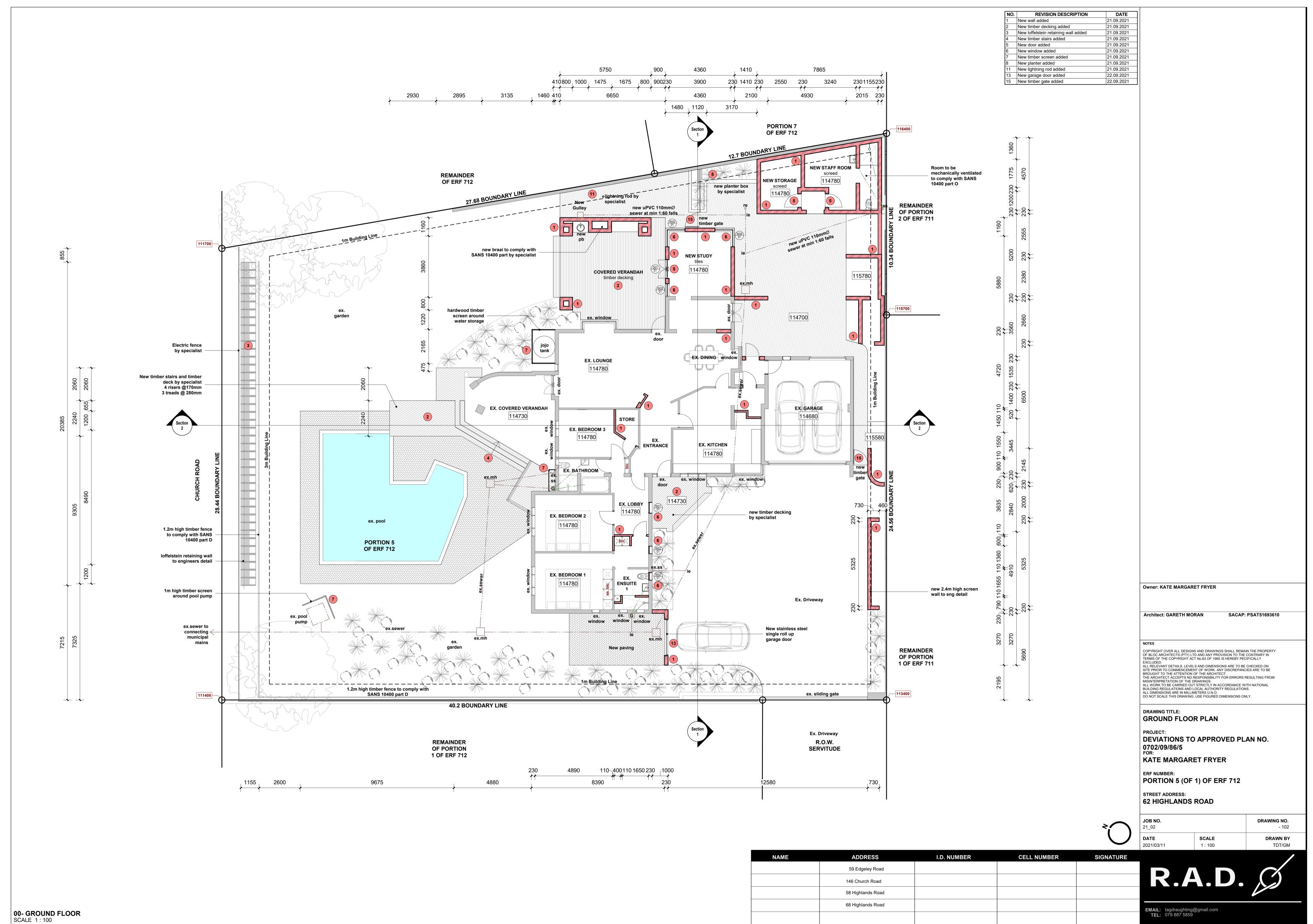
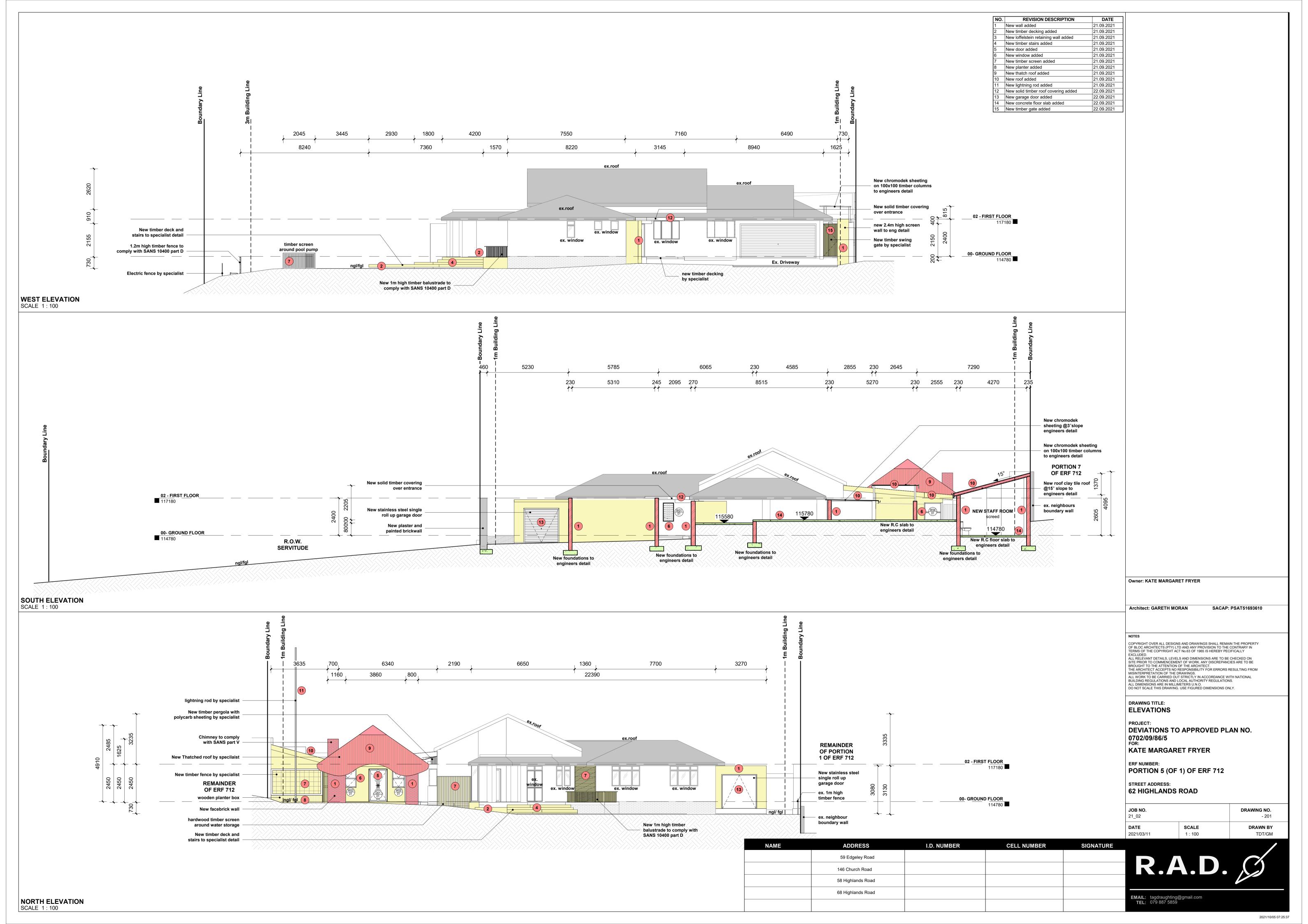
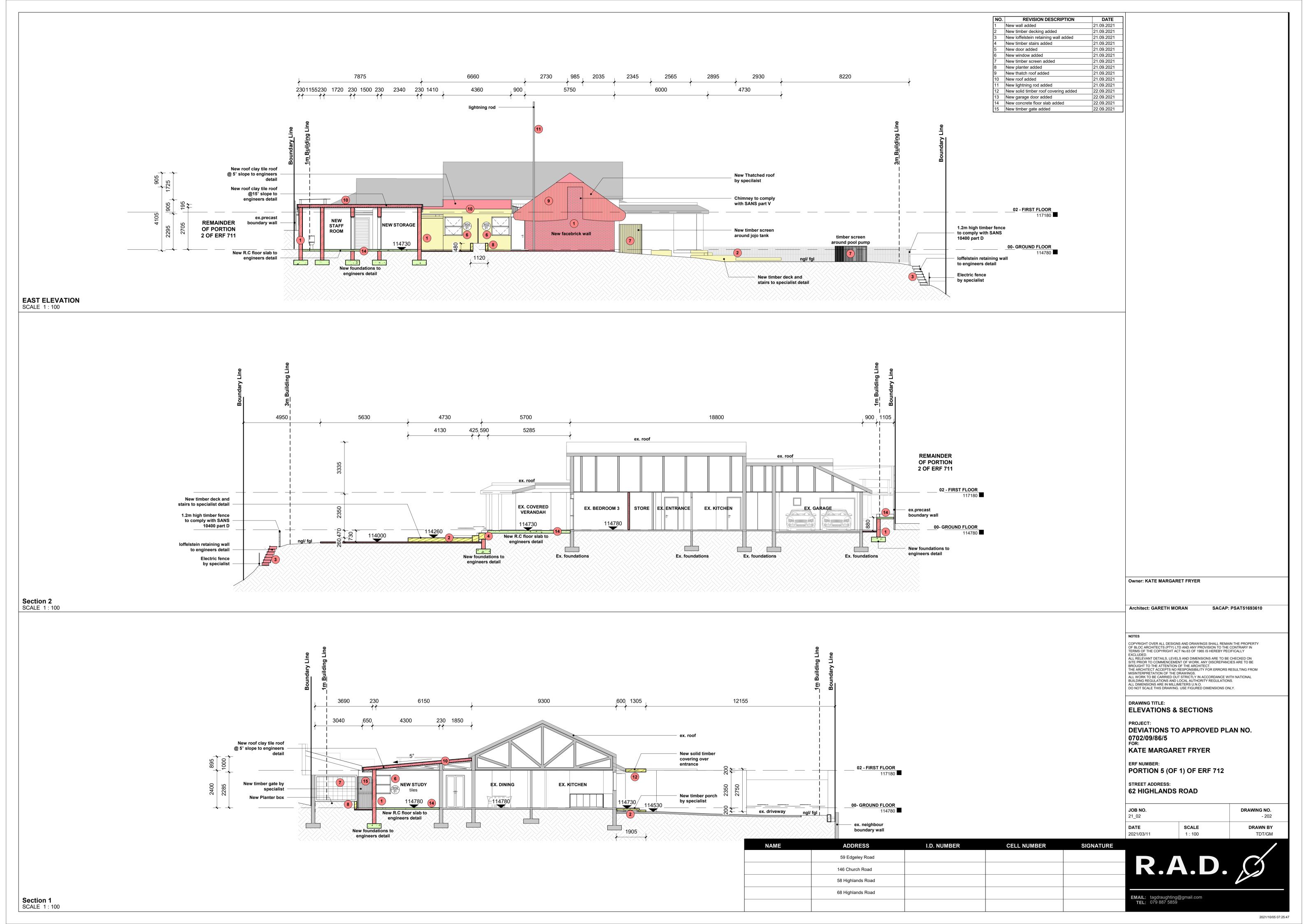
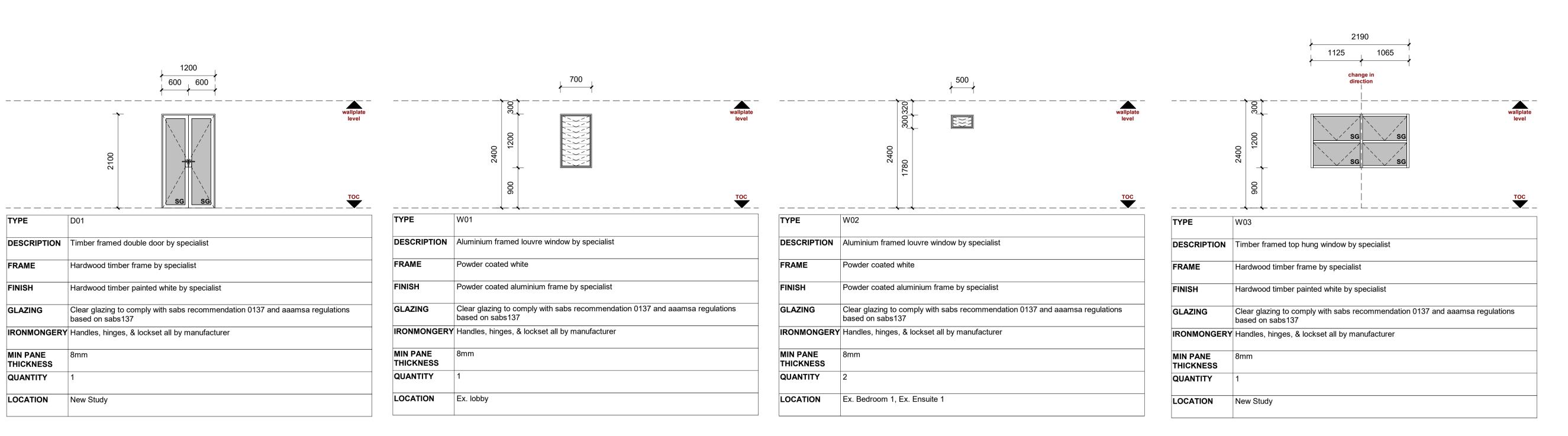
## 01 GENERAL NOTES AND FINISHES: 09 POOL NOTES: REVISION DESCRIPTION 1.09.2021 New wall added 01 All work to comply with NBR & standards act SANS 10400. All dimensions & 01 All levels & dimensions to be checked on site. New timber decking added 21.09.2021 levels must be checked on site. Earth leakage protection to be fitted to all electral equipment. O2 Architects to be notified of any discrepancies before any work is put in hand. New loffelstein retaining wall added 21.09.2021 All electrical equipment to be housed. New timber stairs added 1.09.2021 03 Drawings not to be scaled. Precautions to be taken with regard to condensation, flooding, seepage, & New timber screen added 1.09.2021 O4 Corner beacons to be located & exposed before work commences on site. rainwater within pool pump chamber & filter unit. 21 09 2021 New planter added 05 Contractor to inspect official Council approved copies of drawings to ensure 100mm gunite concrete to be monolithically & pneumatically placed against 1.09.2021 New thatch roof added that all amendments have been taken into account. undisturbed soil, or any firm surface as directed by engineer. New roof added 1.09.2021 No council approved drawings are to be used as construction drawing 12mm minimum cover to all reinforcing. 1.09.2021 New lightning rod added unless advised by architect Waste water to be directed to sewer system via bpt. The Owner & Contractor are to note that changes to the plans and/or 22.09.2021 specifications after official council approval WILL invalidate the approval. Final position of pool & pump to be confirmed on site. No construction is to occur until plans have local authority approval. Architect will not be held liable for any unauthorized building 09 Pool to be constructed & installed to manufacturer's instructions. Pool to be fenced in accordance with sans 10400-d: 2011-4.4 1000mm high 09 Safety glass to be used within 500mm of finished floor levels. balustrading to owners specification. 10 Shower cubicle: Flat frameless glass shower enclosure. Pool backwash to be discharged in accordance with the requirements of SANS 10400 Part P 4.10 11 Clear 6mm toughened safety glass installed by specialist 12 Glazing to comply with SANS 10400 PART. N4.4.6 10 STRUCTURAL:GENERAL: O1 Timber beams and supports for timber decks, pergolas, covered patios or 13 Max door size = 1.5sqm. Max fixed panel size = 2sqm 9435 any other timber structure to be certified by ECSA registered professional 14 All internal walls are generally plastered and painted Two courses brickforce (minimum) to be built-in at window & door head levels & at window cill levels All pools to be inspected, designed and certified ECSA registered 4425 5270 2230 where possible. professional engineer 15 Cills external: All Cills plaster & painted with a min fall of 10° Patios with concrete surfaces to have masonry foundations and RC footings 16 Balustrades: Where shown, all balustrades powder coated aluminium (to to engineer's specification Summary: All structures to be designed and certified by an ECSA registered later design) min 1m high and to have openings that will not permit the passage of a 100ø ball professional engineer 11\_STRUCTURAL:FOUNDATIONS: 02 DRAINAGE: O1 All platforms, banks, retaining walls & foundations to Prof. Engineer's **PORTION 7** 116400 01 Provide deep seal traps to all fitments. OF ERF 712 Stability of existing foundations & site founding material to be inspected and O2 Provide I.E's to all bends & junctions of all soil and waste pipes. confirmed by Prof. Structural Engineer. 03 All plumbing to be concealed. 04 All I.E's to be accessible at all times. 12\_STRUCTURAL:FLOOR SLABS: 01 To Prof. Engineer's design & detail. O5 Access to be provided 150mm above ground level to feet of all stacks. New roof clay tile 20mm cement screed on 90mm 150MPA Concrete slab with BRC mesh ref 100ø and 50ø two-way vent valves to be provided where possible. roof @15° slope to 193 and gunplas USB green waterproof underlay on well compacted engineers detail O7 Soil pipes to be 100mm dia. PVC with coreflo UPVC pipe under slabs where **REMAINDER** New brick chimney to poisoned earth. Suspended slab - 225mm Reinforced concrete slab to engineer's detail and comply with SANS 10400 08 Waste pipes to be 50mm dia PVC. screeded to fall. part V by specilaist 04 Waterproofing by specialist to balcony/covered patio. 09 Floors to bathrooms and kitchens to be water-resistant. by specialist Waterproofing under floor finish to all exposed balconies & showers. 10 Provide hot & cold water to wash hand basins, sinks, showers & baths. -lightning rod by specialist REMAINDER 13\_STRUCTURAL:DPC: Provide RE at all junctions and on straight runs not exceeding 21m OF PORTION 75 micron plastic DPC at minimum 150mm above external finished ground 12 Provide RE's at dist. not exceeding 1.5m to any MH. 2 OF ERF 711 level, to all window sills, behind weather-boarding, under ridge tiles and 13 Sewer pipe fall to be decreased to 1:60 at a distance of 1m from any MH vertical DPC's to all changes in ground floor level. (only where no estate connection facilities have been provided) or S.T. 5270 1705 230 2000 14 Connection to estate sewer main provided - depth of connection to be 14\_STRUCTURAL:WALLS: External walls 220mm (90mm common outer skin / 40mm cavity / 90mm New roof clay tile roof inner skin with plaster and paint finish.) Internal walls 90mm maxi brick. Plaster and paint finish. @ 5° slope to engineers 03\_WATER RETICULATION: 2 courses of brickforce at floor, window sill and brickforce at every course at 01 All underground piping to be HDPE. lintel to wall plate level. Pre-cast reinforced concrete lintels over all doors, windows & openings 02 All surface & internal piping to be copper. New chromodek New chromodek unless otherwise specified. sheeting @3°slope sheeting on 03 Main contractor to make good behind plumber. 100x100 timber New Thatched roof engineers detail 15 STRUCTURAL:ROOF CONSTRUCTION: 04 All internal water pipes to be pressure tested for leaks before applying columns to by specilaist finished plaster & paint /or tiles. engineers detail 05 Installation to be done in accordance with requirements of local authority and SANS 10254:1, SANS 10400 & SANS 10254:2012 loffelstein retaining wall All material used to be SABS approved and installed in accordance with 115700 to engineers detail manufacturers specification. Design based on minimum sustainable First Floor Patio slab: soil/planted material on waterproofing membrane & pressure of 5.0 bar NB: Pressure MUST be checked by a plumbing filtration layer to manufacturer's specification, on min. 25mm screed to falls contractor prior to commencement of work. Plumbing contractor to be to Fulbore outlets (min. 1:60 falls) on reinforced concrete suspended floor New chromodek approved and licensed with P.R.I.B and to issue a signed Certificate of slab to Engineer's design & detail. sheeting @3°slope Compliance on completion of work. 03 Aluminium seamless gutters with PVC down pipes painted to match walls. engineers detail Electric fence 04 Rhinoboard ceilings with moulded cornices. by specialist 04 STORMWATER LAYOUT: 01 Stormwater layout to Prof. Engineer's design. 16\_STRUCTURAL:CEILING CONSTRUCTION: 02 Layout to building & site to comply with NBR & SANS 10400 Part R. 01 New Rhinoboard ceiling - 6mm gypsum Rhinoboard taper edge flush jointed, supported on 38x38 brandering @ ±500ccs with tapered & skimmed flush O3 Stormwater to discharge away from building(s) by means of precast loffelstein retaining wall Rhinoglide joints. All fixings skimmed flush. concrete channels, surface drains or underground PVC pipes to soak pits. to engineers detail 110mm deep moulded E.P. cornice throughout. O4 All soakaways constructed in RC and to have a min capacity of 1cubic metre Void between boarding & tile to be lined with sisalation for every 40sqm of roof area. New timber stairs and timber Hard surfaces: Contractor to ensure correct levelling of platform for natural 04 Painted & plastered soffits and underside of RC slabs. deck by specialist White-painted T&G boarding ceilings over exposed, painted rafters where ex. Roof 4 risers @170mm Of Storm water layout for building and site to be designed by a Professional 3 treads @ 280mm Engineer, and to comply with NBR and SANS 10400 Part R. No structure to ex. Roof be within 3m of building 17\_STRUCTURAL:DOORS: 2 Solid core hardwood doors to detail. Section 05 ELECTRICAL: Solid core hardwood slatted pivot door to detail. Semi-solid core doors to detail. Powder-coated aluminium-framed, safety-glazed sliding doors. Frameless comply with the maximum energy usage as required by SANS 204:2011 aluminium sliding/folding doors by specialist. Part 4.5.1 where the energy demand and power consumption of the building may not exceed 5 kWh/m2 per annum. ex. Roof 18\_STRUCTURAL:WINDOWS: O1 Powder-coated aluminium framed windows as per Estate Architectural 06\_LIGHTING, NATURAL LIGHTING AND VENTILATION:: The minimum lighting levels shall be determined in accordance with the requirements of SANS 10114-1 19\_STRUCTURAL:STAIRS AND RAMPS: ex.mh 02 All natural lighting and ventilation as per SANS10400-O All stairways to comply with part M of SANS 10400. Natural Lighting - The total area of openings, inclusive of frames and glazing Variations in dimensions of risers and goings of the treads in any one flight bars, shall be not less than 5% of the floor area of the room. shall not be more than 6mm, all balustrades to be min 1M high and to Natural Ventilation - The total area of openings (a door or operable glazed comply with part M of SANS 10400. **12**) window) shall be not less than 5% of the floor area of the room. All tread to min 250mm and risers to be max 200mm. New solid timber O4 All ramps to comply with part S of SANS 10400. covering over 07\_FIRE: entrance ex. pool **Owner: KATE MARGARET FRYER** 20\_STRUCTURAL:SPACE HEATING: on structural stability to comply with sans 10400 part t4.7 all opening to protect in compliance with part t-4.10 of sans 10400 O1 Chimney to extend min 1000mm above roof level. portable fire extinguisher to comply with sans 10400-t4.37 02 Plumbing duct & chimney flue to be independent of one another. Fireplace to have hearth made of non-combustible material of adequate water reticulation for firefighting equipment purposes to comply with sans **PORTION 5 Architect: GARETH MORAN** SACAP: PSAT51693610 10400-t4.33 **OF ERF 712** Hearth to extend min 500mm in front of the grate/fire basket and min building to comply with part t4.12 of sans 10400 with regards to roof 300mm beyond each side of such grate or fire basket. assemblies and coverings 05 Gas feature fire places to specialist detail & spec. of all fire detection and alarm systems to be designed by a professional new 2.4m high engineer to comply with part t4.31 of sans 10400 and a certificate is to be issue after completion screen wall to o7 all ceilings to comply with sans 10400 t-4.13 eng detail SCHEDULE OF AREAS PYRIGHT OVER ALL DESIGNS AND DRAWINGS SHALL REMAIN THE PROPERTY all floor covering to comply with part t-4.14 of sans 10400 ERMS OF THE COPYRIGHT ACT No.63 OF 1965 IS HEREBY PECIFICALLY EXCLUDED. ALL RELEVANT DETAILS, LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE feeder routes to be provided in accordance with part t4.18 of sans 10400 PROPERTY ZONING SPECIAL RES. 400 when partition layouts are designed SITE AREA 1273m<sup>2</sup> ROUGHT TO THE ATTENTION OF THE ARCHITECT fire stopping of inaccessible concealed spaces to comply with part t4.39 of THE ARCHITECT ACCEPTS NO RESPONSIBILITY FOR ERRORS RESULTING FROM MISINTERPRETATION OF THE DRAWINGS. LL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NATIONAL F.A.R. N/A service shafts to comply with part t4.40 of sans 10400 BUILDING REGULATIONS AND LOCAL AUTHORITY REGULATIONS. ALL DIMENSIONS ARE IN MILLIMETERS U.N.O. DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALLOWABLE F.A.R. N/A ex.sewer to fireman lift to be provided in accordance with part t4.44 4.46 and 4.47 of connecting « **COVERAGE** 50% municipal all lifts to comply with part t-4.46 and part s of sans 10400 ALLOWABLE COVERAGE 636.5m<sup>2</sup> mains **DRAWING TITLE:** 14 access for firefighting and rescue purposes to building to comply with sans REMAINDER SITE PLAN 10400 part t4.54 15 fire escape doors to be provided with approved panic bolts and to comply OF PORTION EXISTING F.A.R. 270m<sup>2</sup> Ex. Driveway with part t4.49.8 of sans 10400 1 OF ERF 711 PROJECT: PROP. ADDED F.A.R - GROUND 50m<sup>2</sup> 16 fhr to be placed every 500m² of floor area and to comply with sans10400 **DEVIATIONS TO APPROVED PLAN NO.** TOTAL F.A.R. 320m<sup>2</sup> 0702/09/86/5 marking and signposting to comply with part t4.29 of sans 10400 where no water supply is available 2 9kg or equivalent fire extinguishers that 1.2m high timber fence to comply with comply with part t-4.37, be provided in place of each required hose reel **EXISTING COVERAGE** 287m<sup>2</sup> KATE MARGARET FRYER SANS 10400 part D ex. sliding gate all fire installation pipe work shall be constructed in accordance with relevant 162.6m<sup>2</sup> PROPOSED ADDED COVERAGE requirements of sans 2011-dp2 or sans 2001-dp9 and shall have a pressure **40.2 BOUNDARY LINE** rating of no less than 1200kpa **TOTAL COVERAGE** 449.6m<sup>2</sup> water supply pipes to fhr's shall be at 50 dia and fhr's 75 diam. PORTION 5 (OF 1) OF ERF 712 08\_ENERGY EFFICIENCY (SANS 10400 PART XA): STREET ADDRESS: O1 Buildings with up to 15% fenestration area to nett floor area per storey **62 HIGHLANDS ROAD** comply with minimum energy performance requirements (SANS10400-XA Clause 4.4.4.1). REMAINDER R.O.W. Buildings with more than 15% fenestration area to nett floor area per storey OF PORTION **SERVITUDE** shall comply with minimum energy performance requirements for JOB NO. DRAWING NO. 1 OF ERF 712 fenestration in accordance with SANS204 (SANS10400-XA Clause 4.4.4.2). 21 02 - 100 All fenestration air leakage shall not exceed 2L/s/m² fenestration area; 0.306 L/s/m² fixed alazina: and 5L/s/m² DATE **SCALE** DRAWN BY revolving/swing doors in accordance with SANS 613 Clause 4.4 and TDT/GM SANS10400-XA Clause 4.4.11 2021/03/11 As indicated 50% of hot water required by volume to be provided through non-electrical resistance source in accordance with SANS10400-XA Clause 4.1. (heat NAME **ADDRESS** I.D. NUMBER **CELL NUMBER SIGNATURE** pump & system to specialist detail & spec.) All exposed hot water piping to be clad with insulation with a minimum R R.A.D. value of 1,00 for internal pipe Ø meters </= 80 and 1,50 for internal pipe Ø 59 Edgeley Road meters > 80 for in accordance with SANS10400-XA Clause 4.1.3. The hot water circulation ring must be installed such that no air traps are 146 Church Road created in accordance with SANS 10252:1 (6.7.2). Piping to be copper SANS 460 joined either using capillary fittings, SANS 58 Highlands Road 1067-2 or compression type fittings SANS 1067-1. To be installed to manufacturer's instructions 68 Highlands Road 09 A roof assembly shall achieve minimum total R-value specified in Table 7 for **EMAIL:** tagdraughting@gmail.com **TEL:** 079 887 5859 the direction of heat flow (SANS10400-XA Clause 4.4.5.1). SITE PLAN SCALE 1:100

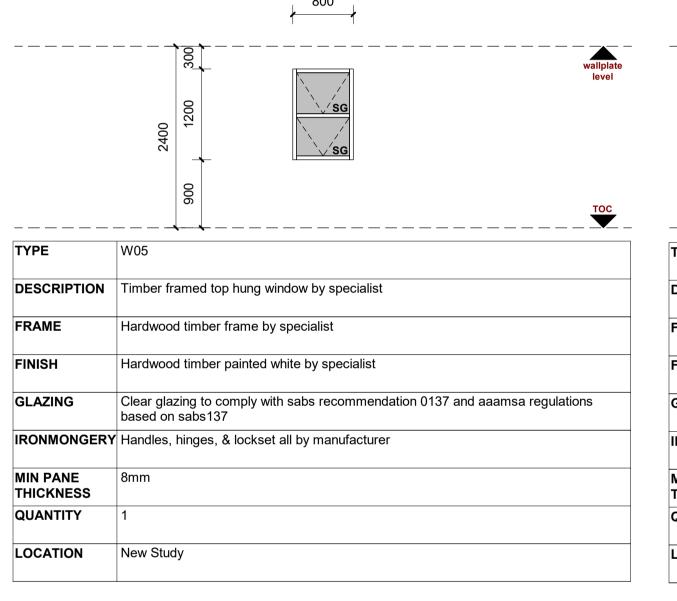
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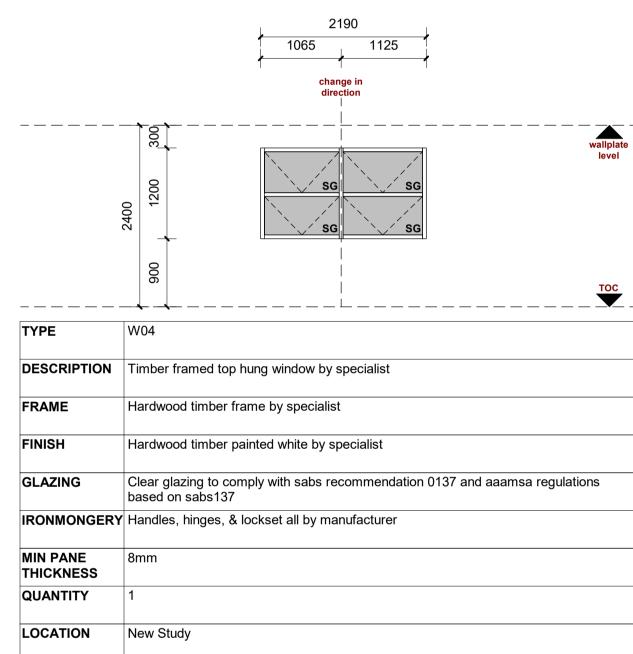












Owner: KATE MARGARET FRY	ER
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Architect: GARETH MORAN SACAP: PSAT51693610

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GLAZING SCHEDULE

DRAWING TITLE:

PROJECT: DEVIATIONS TO APPROVED PLAN NO. 0702/09/86/5

KATE MARGARET FRYER

PORTION 5 (OF 1) OF ERF 712

2021/03/11

STREET ADDRESS: **62 HIGHLANDS ROAD** 

JOB NO. DRAWING NO. 21\_02 DATE SCALE DRAWN BY

1:50

NAME	ADDRESS	I.D. NUMBER	CELL NUMBER	SIGNATURE	
	59 Edgeley Road				
	146 Church Road				R.A.D.
	58 Highlands Road				
	68 Highlands Road				EMAIL: tagdraughting@gmail.com
					ZMATE: tagarangeginan.com

REVISION DESCRIPTION

- G01

TDT/GM