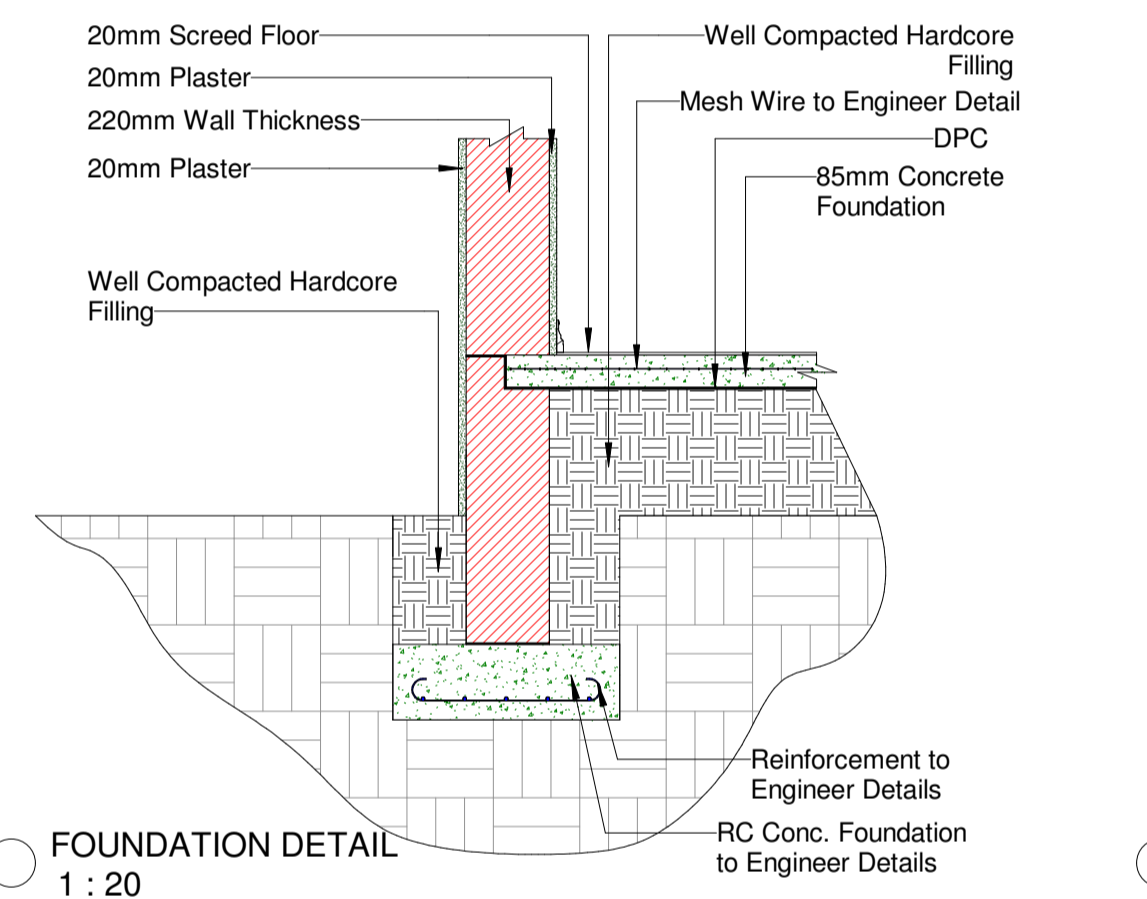
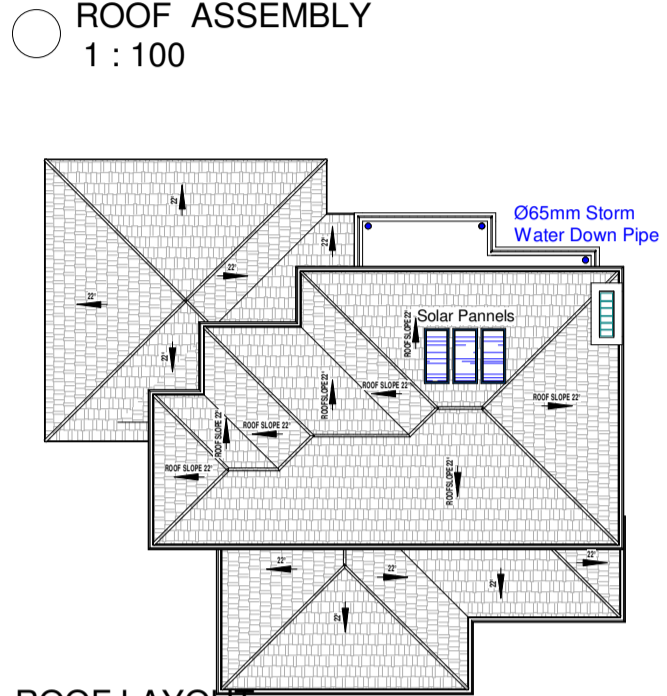
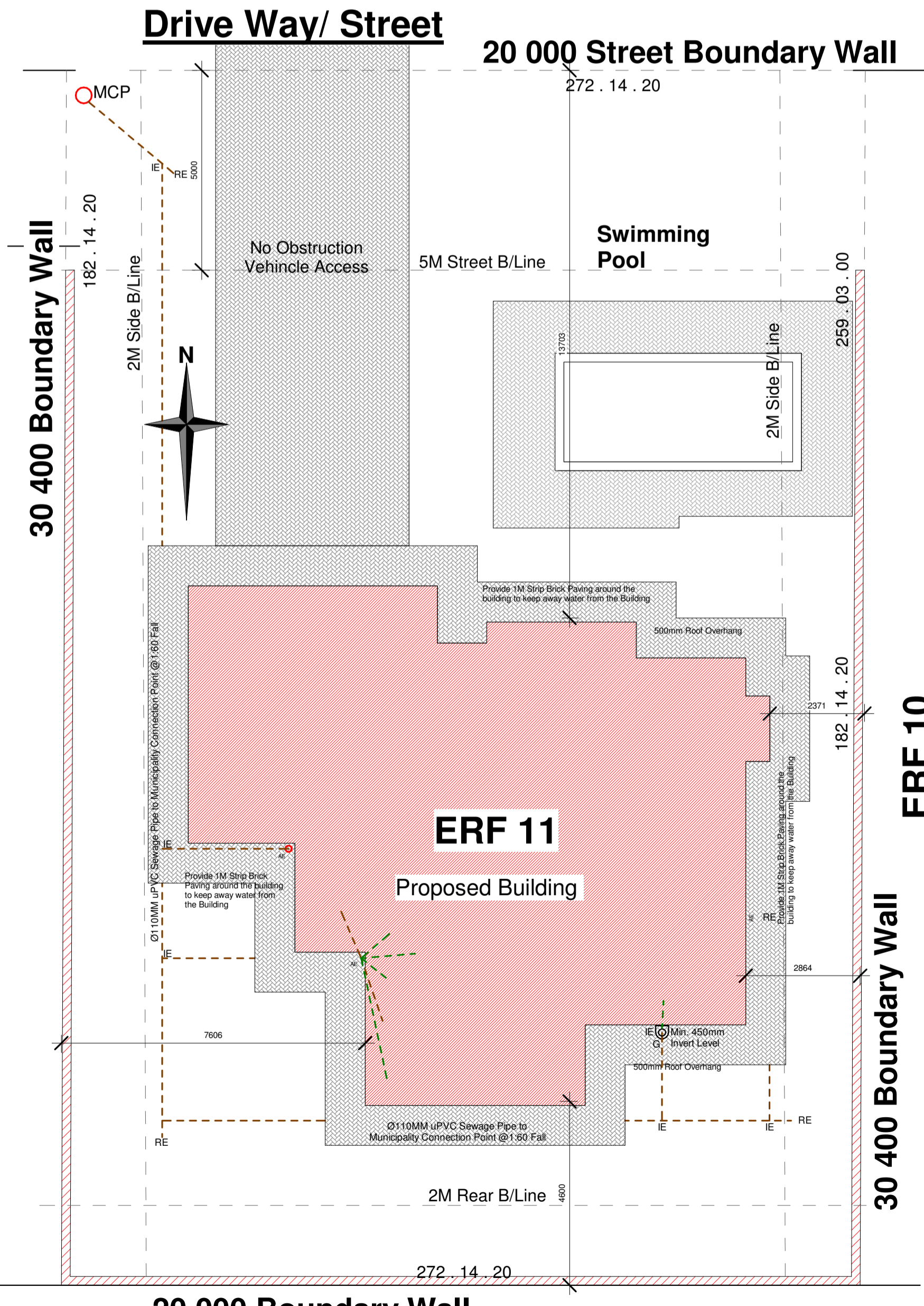
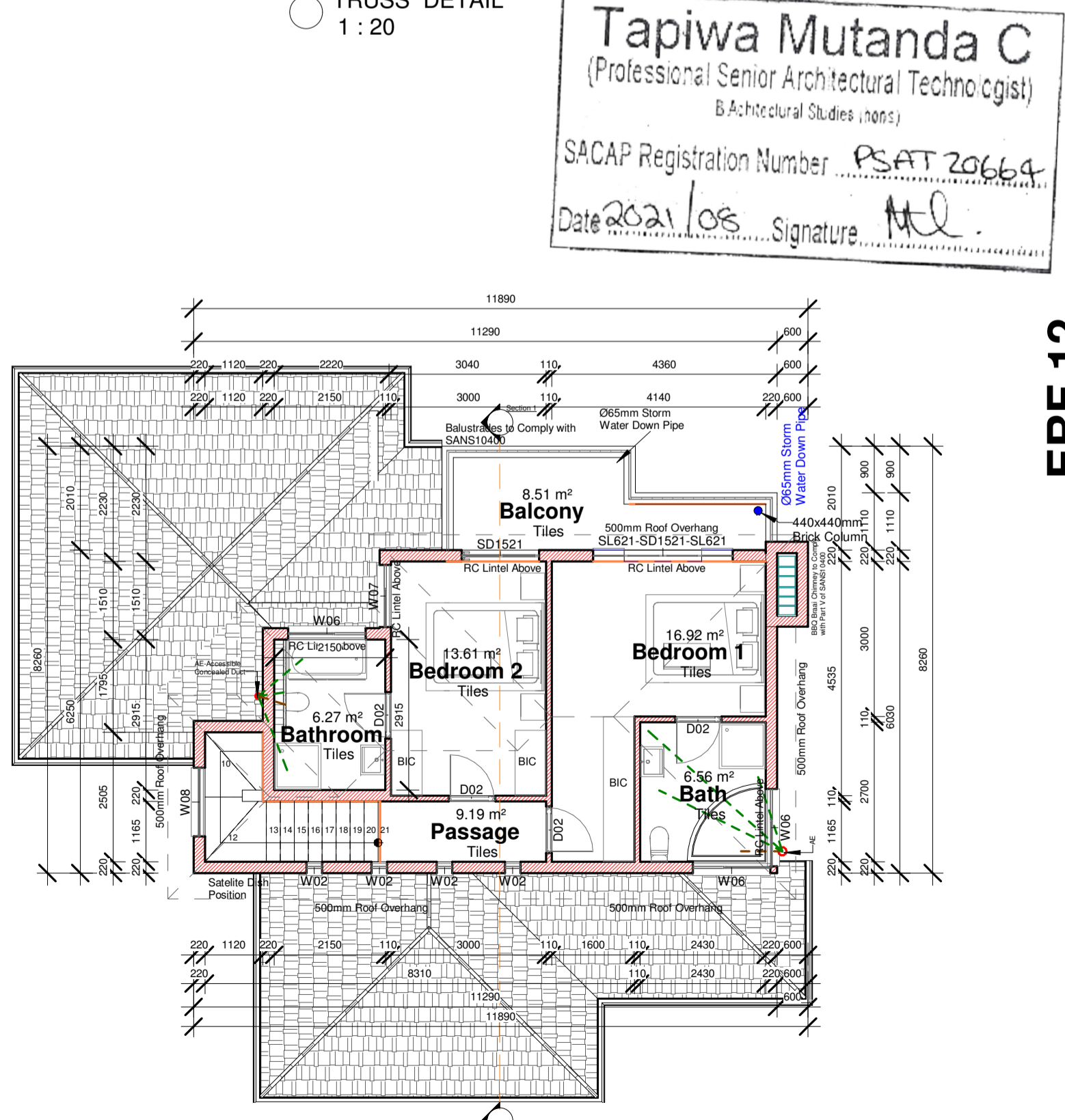
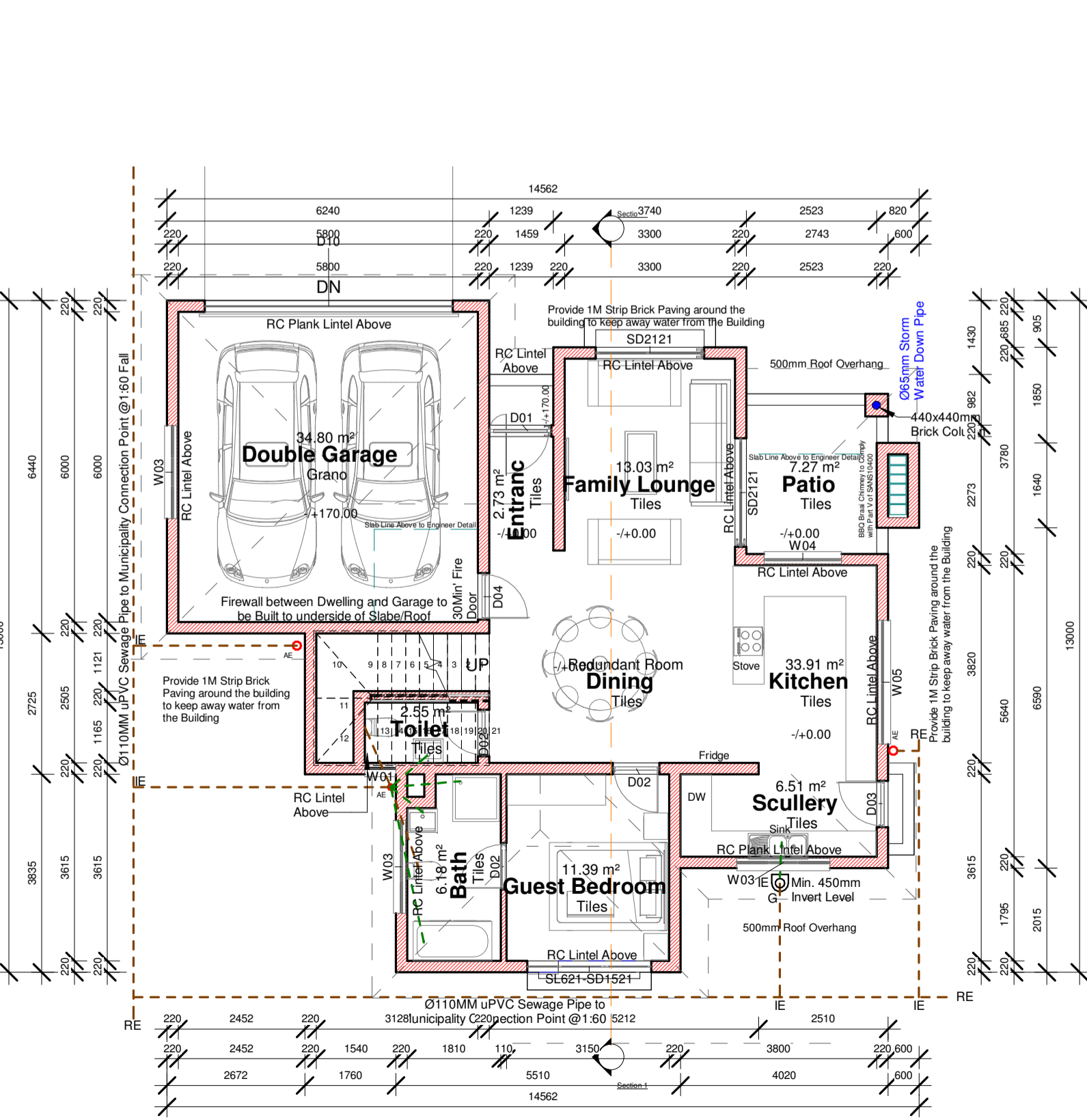
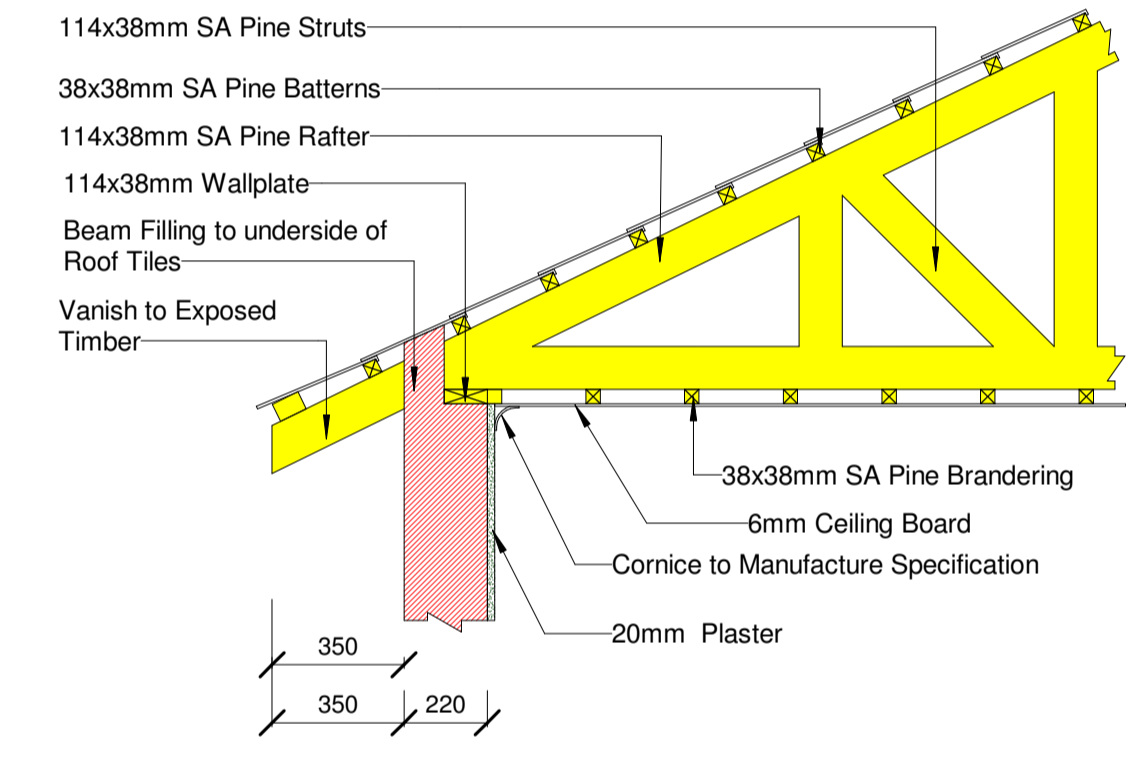


ROOF ASSEMBLY	
CLIMATE ZONE	1
HEAT FLOW DIRECTION	UP
ROOF COVERING TYPE	ROOF TILES
MINIMUM TOTAL R-VALUE REQUIRED	3.7 m ² -KW
ROOF COMPONENT	R-VALUE(K/W)
ROOF TILES	0.35m ²
115mm Pink THERMAL INSULATION	3.30m ²
CEILING	0.05m ²
TOTAL	3.70 m²-KW as Required
The design complies with the requirements of SANS 10400XA : 2011 and SANS 204 : 2011	



HOT WATER CALCULATION as per SANS	
10252-1-2004 HOT WATER DEEMED estimated daily ESTIMATED 2 * PEOPLE PER BEDROOM = 220L per day TOTAL OF 06 PEOPLE SINCE THERE ARE 03 BEDROOMS	
OCCUPANCY	06
HOUSEHOLD WATER USAGE	
DRINKING, FOOD PREPARATION & COOKING	15 L
PERSONAL WASH & BATH	10 L
LAUNDRY	10 L
TOTAL (L)	35 L
TOTAL WATER USAGE	=35(L) x 06 = 210 L
HOT WATER SERVICES	
A minimum of 50% by volume of the annual average hot water heating requirement shall be provided by means other than electrical resistance heating. All exposed pipes to and from the hot water cylinders and central heating systems shall be insulated.	



FLOOR SLAB NOTES
30 mm SCREED ON 85mm CONCRETE SURFACE BED ON WELL COMPACTED FILL. DAMP PROOF MEMBRANE WHERE REQUIRED. INSECT POISONING WHERE REQUIRED.

FOUNDATION NOTES
CONCRETE STRIP FOUNDATION WIDTH MINIMUM OF 700 AND MINIMUM HEIGHT OF 220mm AT MINIMUM DEPTH OF 400mm BELOW NATURAL GROUND LEVEL UNLESS OTHERWISE INDICATED BY THE APPOINTED ENGINEER.

WALL NOTES
UNLESS OTHERWISE SPECIFICALLY MENTIONED, ALL SCREEN WALLS, BOUNDARY WALLS AND GARDEN WALLS TO BE 220mm WALLS WITH MAX. HEIGHT OF 1800mm WITH EXPANSION JOINTS AT A MINIMUM OF 3500mm. NO FOUNDATIONS TO ENCRANCH BOUNDARIES. THE FINISH IS TO BE RENDERED IN 1 COAT WOOD FLOATED PLASTER, PAINTED AS SPECIFIED.

EXTERNAL FINISH NOTES
ALL EXTERNAL FINISHES TO BE PLASTERED AND PAINT. SCRATCH PLASTER AND PAINT WHERE SPECIFIED

SILL NOTES
ALL SILLS TO BE BRICKS ON EDGE PROFILE TO ARCH. DETAIL. PLASTERED AND PAINTED. a

STEP NOTES
ALL TREADS TO BE 250mm AND ALL RISERS TO BE 170mm

BALUSTRADE NOTES
GLASS BALUSTRADES TO SPECIALISTS DETAILS WITH NO MINIMUM HEIGHT OF 1000mm WITH NO OPENING GREATER THAN 100mm. FIXING OF BALUSTRADES TO SPECIFICATIONS.

GENERAL NOTES
KITCHEN LAYOUT AND FITTINGS BY SPECIALIST BUT TO THIS PREFERRED LAYOUT.
FOUNDATIONS, COLUMNS, REINFORCED CONCRETE BEAMS, SLABS AND STAIRS TO APPOINTED ENGINEER. DETAILS, NEW PREMISES ARE NOT TO BE OCCUPIED UNTIL SERVICES ARE TAKEN OVER BY LOCAL AUTHORITY AND OCCUPANCY CERTIFICATE IS ISSUED.
THE ELECTRICAL LAYOUT AND SPECIFICATIONS ARE TO BE AGREED UPON BEFORE ANY WORK COMMENCES. GEYSER SIZES AND POSITIONS TO SPECIALIST'S DETAILS. CONTRACTOR TO PROVIDE WRITTEN CONFIRMATION BEFORE WORK COMMENCES.
THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ENSURING THE STRUCTURAL STABILITY OF ALL COMPONENT OF THE WORK AND MUST ASCERTAIN THAT THE STRUCTURE IS CAPABLE OF SUPPORTING ALL LOADS APPLIED THERETO.
THE CONTRACTOR MUST CHECK AND CONFIRM ALL LEVELS & DIMENSIONS WITHIN THESE PLANS BEFORE PREPARING THE SITE LAYOUT, AND REPORT ANY DISCREPANCIES TO FOR MAX. WRITTEN CONFIRMATION AND CHANGES BEFORE ANY WORK COMMENCES.
ALL WORK AND NEW DRAINAGE TO LOCAL AUTHORITY STANDARDS AND REQUIREMENTS.
WORK TO STRICTLY ADHERE TO RELEVANT SABS REQUIREMENTS. THE CONTRACTOR MUST CHECK AND CONFIRM THAT NO PART OF THESE DRAWINGS CONTRAVENE THE SABS REQUIREMENTS. IF THEY DO, THEN THE CONTRACTOR MUST REPORT THESE DISCREPANCIES TO MAK FOR WRITTEN CONFIRMATION AND COMMENT BEFORE ANY WORK COMMENCES.
MAK RESERVES COPYRIGHT OF THIS DESIGN AND DRAWING. WRITTEN PERMISSION MUST BE OBTAINED FROM MAK BEFORE ANY COPYING OR USE (OTHER THAN FOR THIS SPECIFIED STAND) IS MADE INFORMATION CONTAINED HERE-IN.

GARAGE NOTES
HOWE - TYPE TRUSS ROOF AT 23° WITH CONCRETE ROOF TILES ON 38x38mm TIMBER BATTENS AT CENTERS TO SUIT ON APPROVED UNDER LAY ON 38x152mm GRADE FIVE TRUSS AT 760 CENTERS. CEILING TO BE FITTED. HEIGHT 2650m.

AREA SCHEDULE	
GROUND FLOOR	140 SQM
ADDITIONS GROUND FLOOR	0.00 SQM
FIRST FLOOR	74 SQM
ADDITIONS FIRST FLOOR	0.00 SQM
TOTAL BUILDING	214 SQM
SITE PLAN COVERAGE	-----%

PROJECT DETAILS	
PROJECT TYPE	New Proposed Building
CLIENT/ OWNER	MARGUERITE KIRCHNER
LOCATION	EVERGLAGES HAARTBESPOORT
ERF NO:	11

DRAWING TITLE	Window Schedule, Pictures, Calculations of Energy, Electrical
SCALE	
SHEET NO:	Page 1
ERF NO:	11

SIGNATURE	OWNER
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Email : MAKgm@gmail.com	

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DRAWN BY	MUKHWATHI G(CAD54497464)
CHECKED BY	TAPIWA C MUTANDA

ISSUED DATE	06 NOVEMBER 2021
REVISION DATE	10-Nov-21 10:07:49 PM
SHEET NO	Page 1

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