

roof tiles to match existing on 38x38 battens on 250 micron underlay on nail plated timber trusses designed & certified by engineer with 27° pitch at 740 centres on 14x38 wallplate with trusses fixed using galvanized hoop iron ties fixed down 6 courses into brickwork

fibre cement barge boards and fascias with aluminium gutters & downpipes fixed in accordance with manufacturers specifications

6.4mm gypsum ceiling board fixed to 38x38mm bracing at 400mm centres both ways with 70mm cornice

every third course of brickwork to be reinforced with brickforce in solid cement mortar joints.

375 mic DPC to be provided to walls at slab level, under all sills and to parapets.

all finishes to match existing.

existing foundations and structure to be certified by engineer to carry additional loading prior to work being commenced.

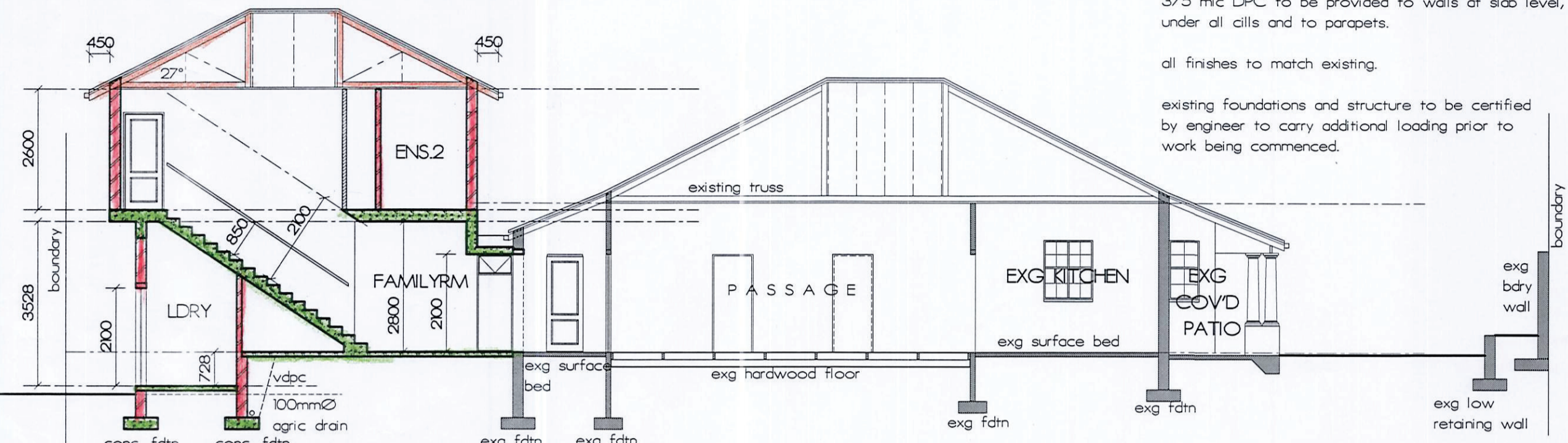
subfloor ground and foundation trenches to be poisoned with "CHLORODANE" solution in accordance with SABS "Codes of Practice" by specialist.
all fill to be well compacted in layers not exceeding 150mm.

flashing to be provided as per SANS 10400

precast lintels to be provided over all window & door openings and are to be supported for a minimum of 7 days after completion

lintels are to be set in mortar and have a minimum bearing of 350mm

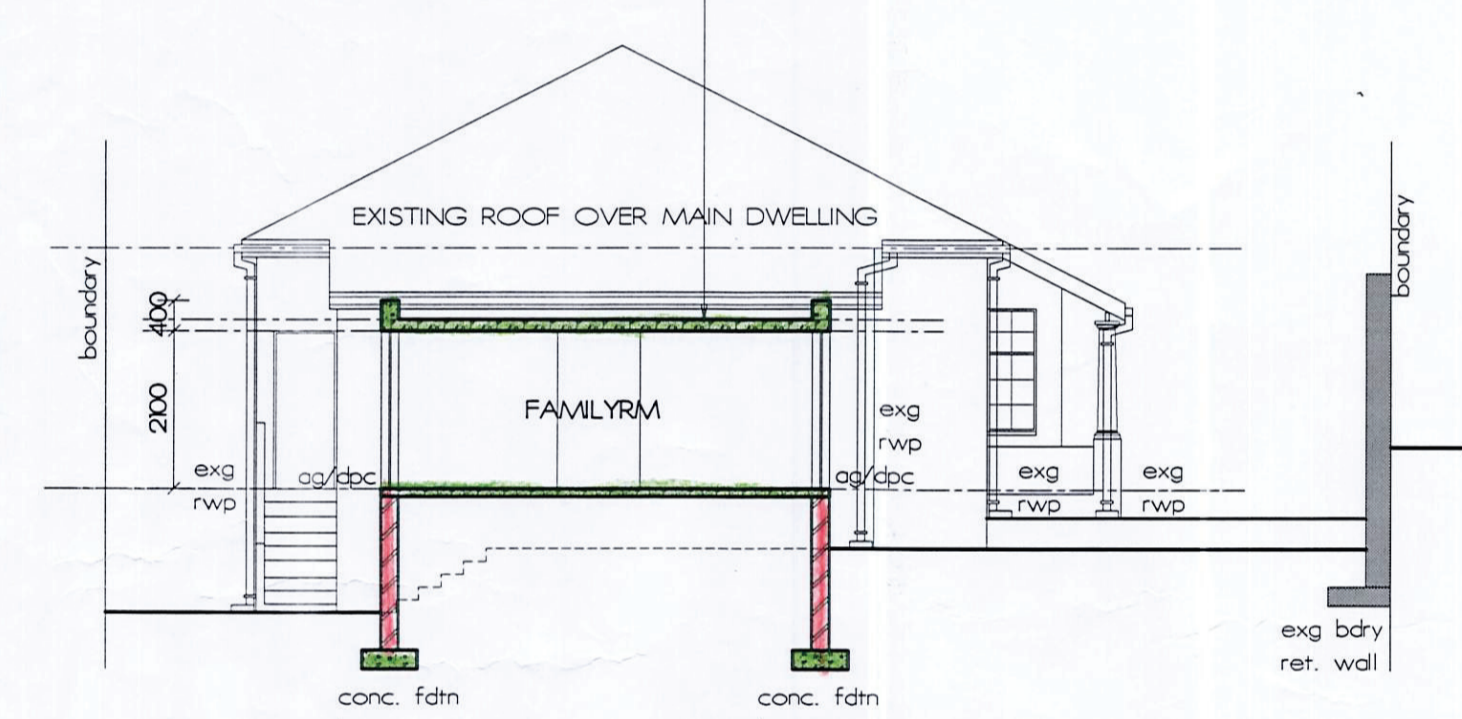
ALL FOUNDATIONS, WALLS & LINTOLS ARE TO BE BY ENGINEER



SECTION AA

SCALE 1/100

reinforced concrete suspended roof slab to professional engineers details with loose pebble finish on "DERBIGUM SP" or similar approved waterproofing to be laid by specialist to manufacturers specifications on 14 cement screed with minimum 38mm thickness laid to fall to fullbore outlets to go toranwater downpipes and to connect to surface water disposal system

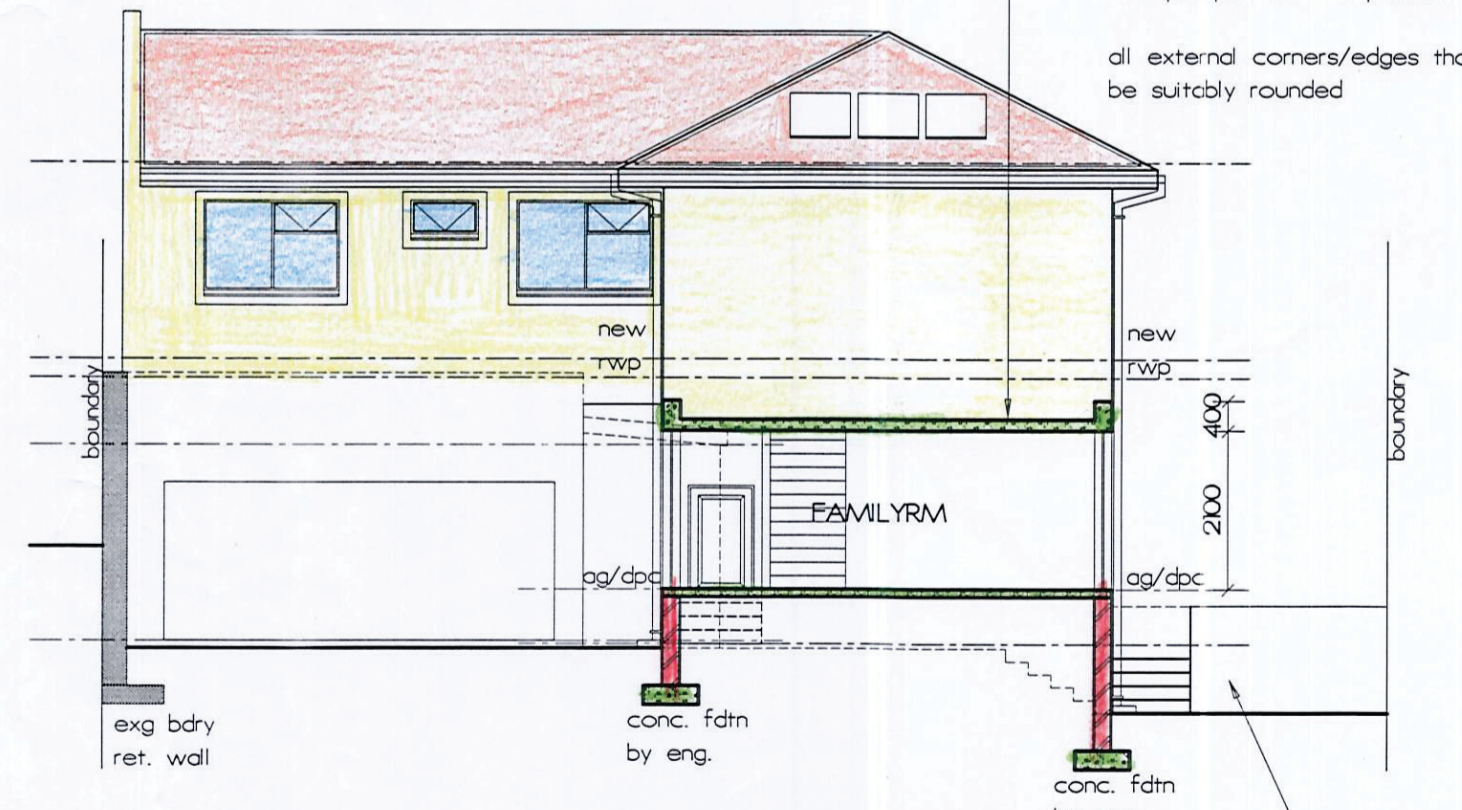


SECTIONAL ELEVATION CC

SCALE 1/100

reinforced concrete suspended roof slab to professional engineers details with loose pebble finish on "DERBIGUM SP" or similar approved waterproofing to be laid by specialist to manufacturers specifications on 14 cement screed with minimum 38mm thickness laid to fall to fullbore outlets to go toranwater downpipes and to connect to surface water disposal system

flat roof to have a min. fall of 1:80 or preferably 1:50 towards the external gutter, outlet or roof edge and dips to be provided beneath all concrete overhangs



SECTIONAL ELEVATION DD

SCALE 1/100

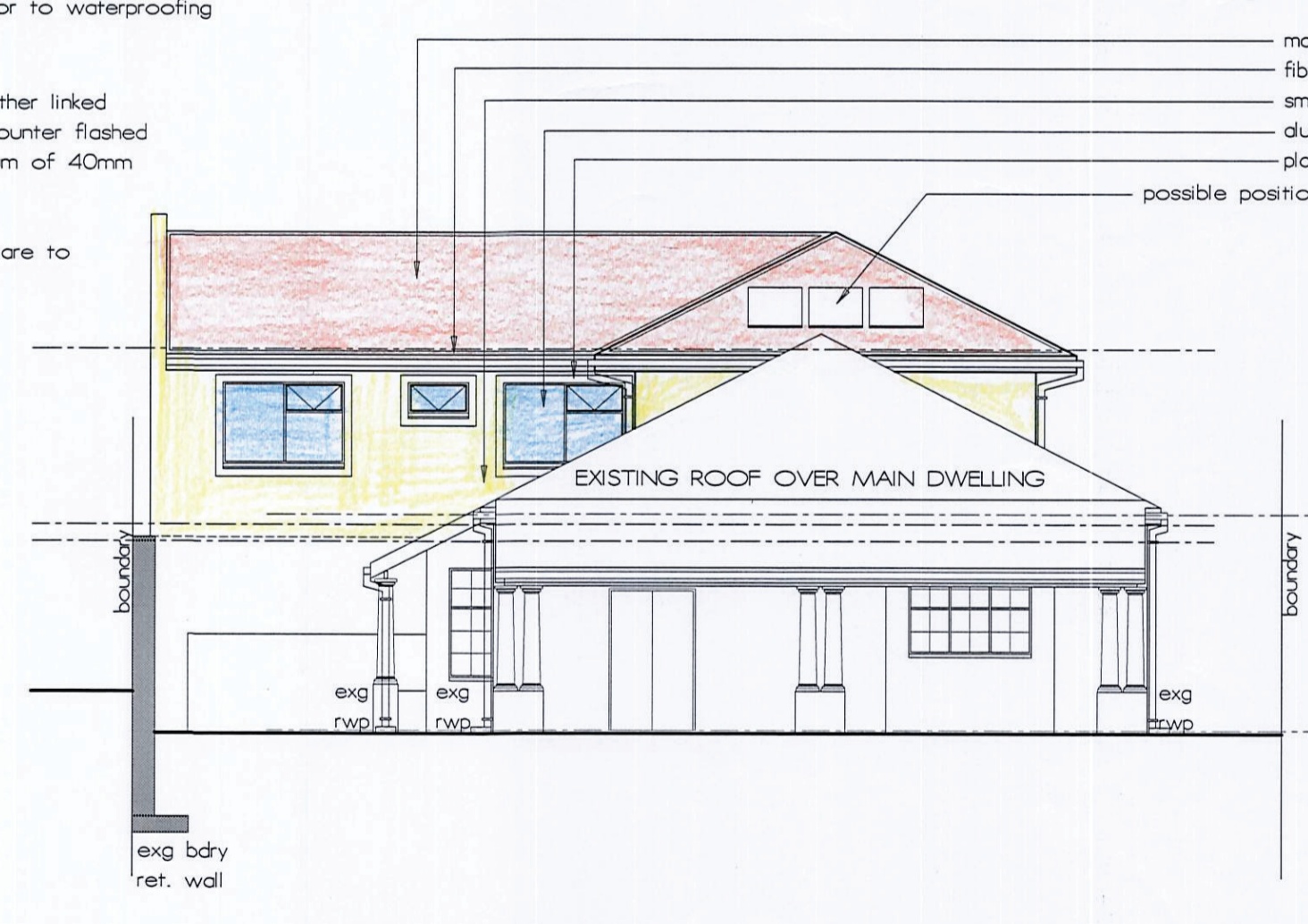
170mm minimum upstand beams to be provided at all intersection between wall & roof structure, corner fillers to be minimum 75mm horizontally and vertically at parapet wall and slab intersections.

all concrete and/or screeded surfaces to be wooden trowelled to a smooth and even finish to the correct falls prior to waterproofing system being installed

waterproofing turn ups against masonry to be either linked to the stepped damp proof course or shall be counter flashed with the same membrane and be cut to a minimum of 40mm into parapet wall to prevent delamination.

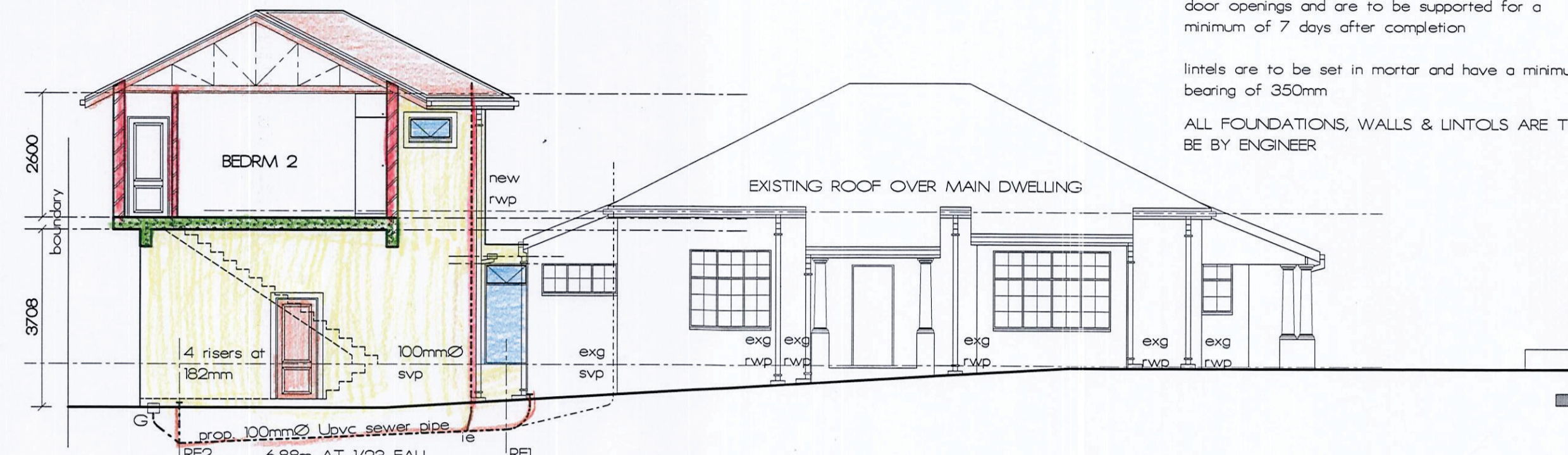
all external corners/edges that are waterproofed are to be suitably rounded

existing retaining wall to be partly demolished to allow for new steps down
4 risers at 181mm
3 treads at 270mm



NE ELEVATION

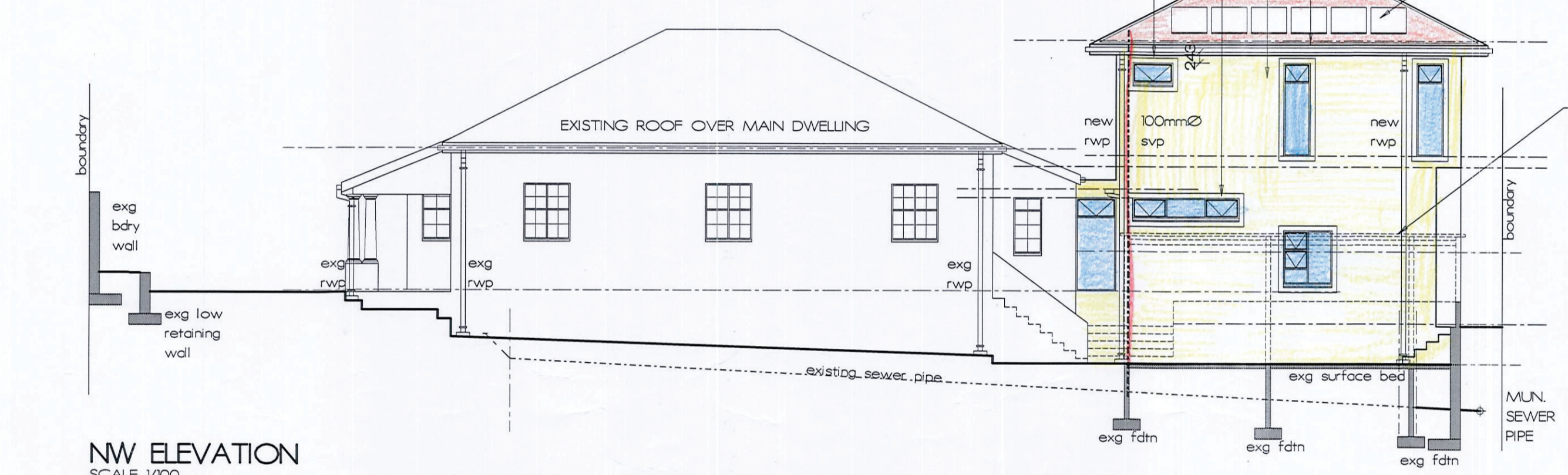
SCALE 1/100



SECTION BB

SCALE 1/100

roof tiles to match existing
fibre cement fascias to be painted
smooth plaster and paint finish
aluminium window frames
plaster surround to all window and door openings to match existing

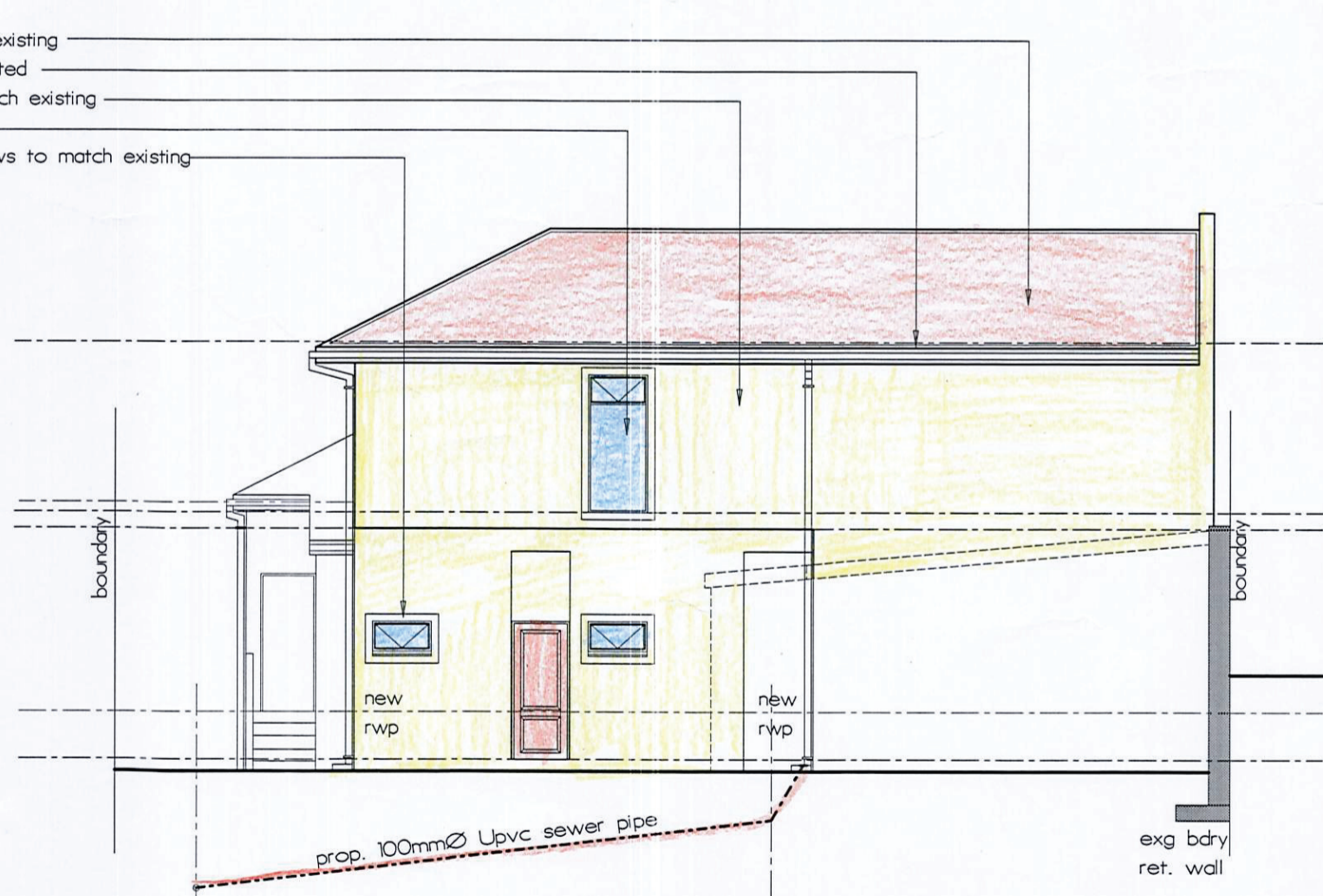


NW ELEVATION

SCALE 1/100

possible position of solar panels

EXISTING MAID'S QUARTERS TO BE DEMOLISHED - boundary walls are to be kept and reduced to remaining bdy wall height SE part retaining wall to be kept and new steps to be built



SW ELEVATION

SCALE 1/100

COV.LEV	121.90	RE2
INV.LEV	120.05	121.15
DEPTH	1.85	0.75

NAME	ADDRESS	TEL. NO.	SIGNATURE
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Faisal	15 NELSON ROAD, ESSENWOOD	0739083186	[Signature]

client
S. RAMA & C. W. LEUNG

signature [Signature]

project
PROPOSED ADDITIONS & ALTERATIONS TO EXISTING DWELLING

address
21 NELSON ROAD

cadastral description
PORTION 33 OF ERF 2125 DURBAN

metro acc. no.

scale	AS SHOWN
sheet no.	2/2
job no.	r01-22 wd02
date	23.1.2021

DESIGN & drawing TECHNOLOGY
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