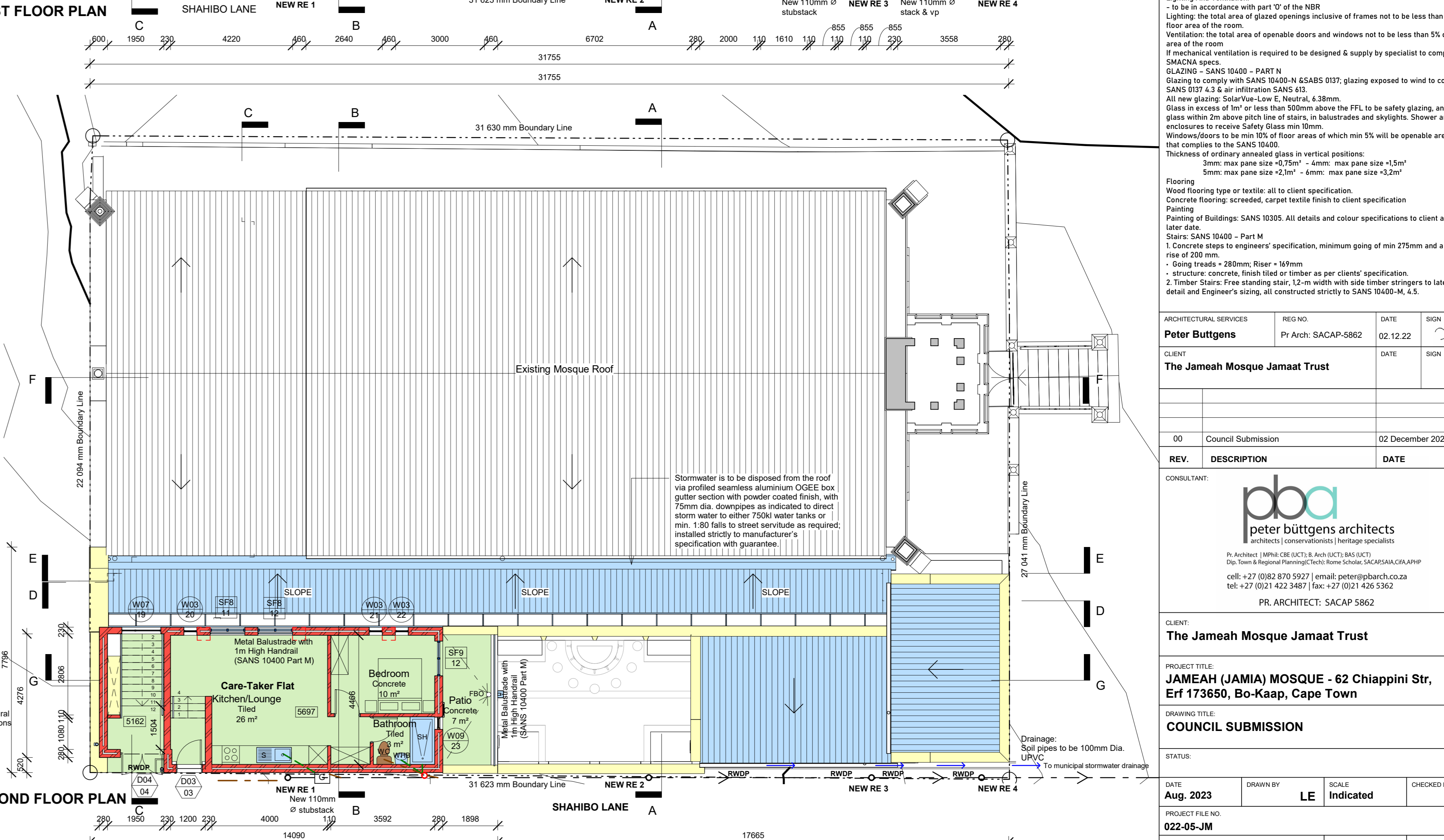
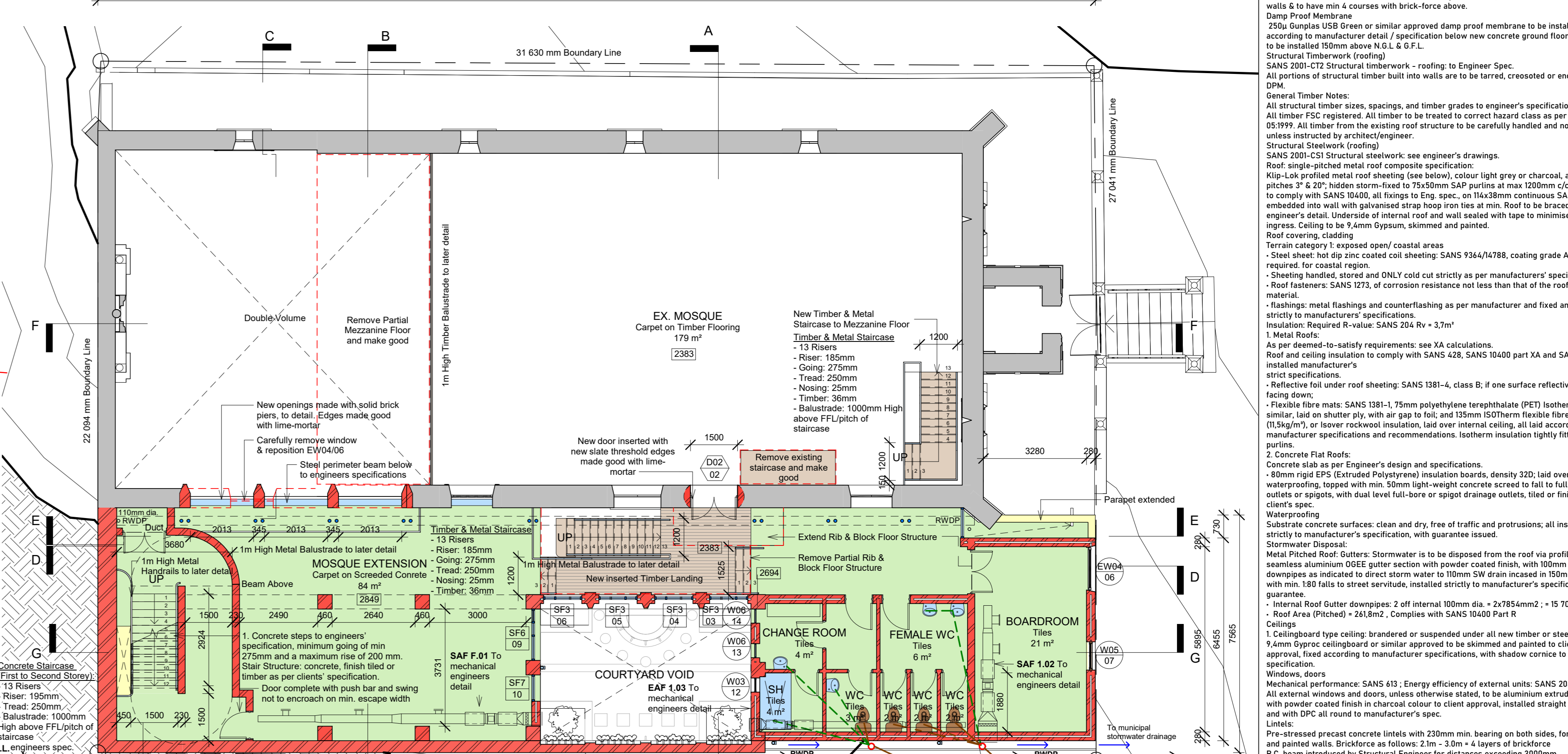
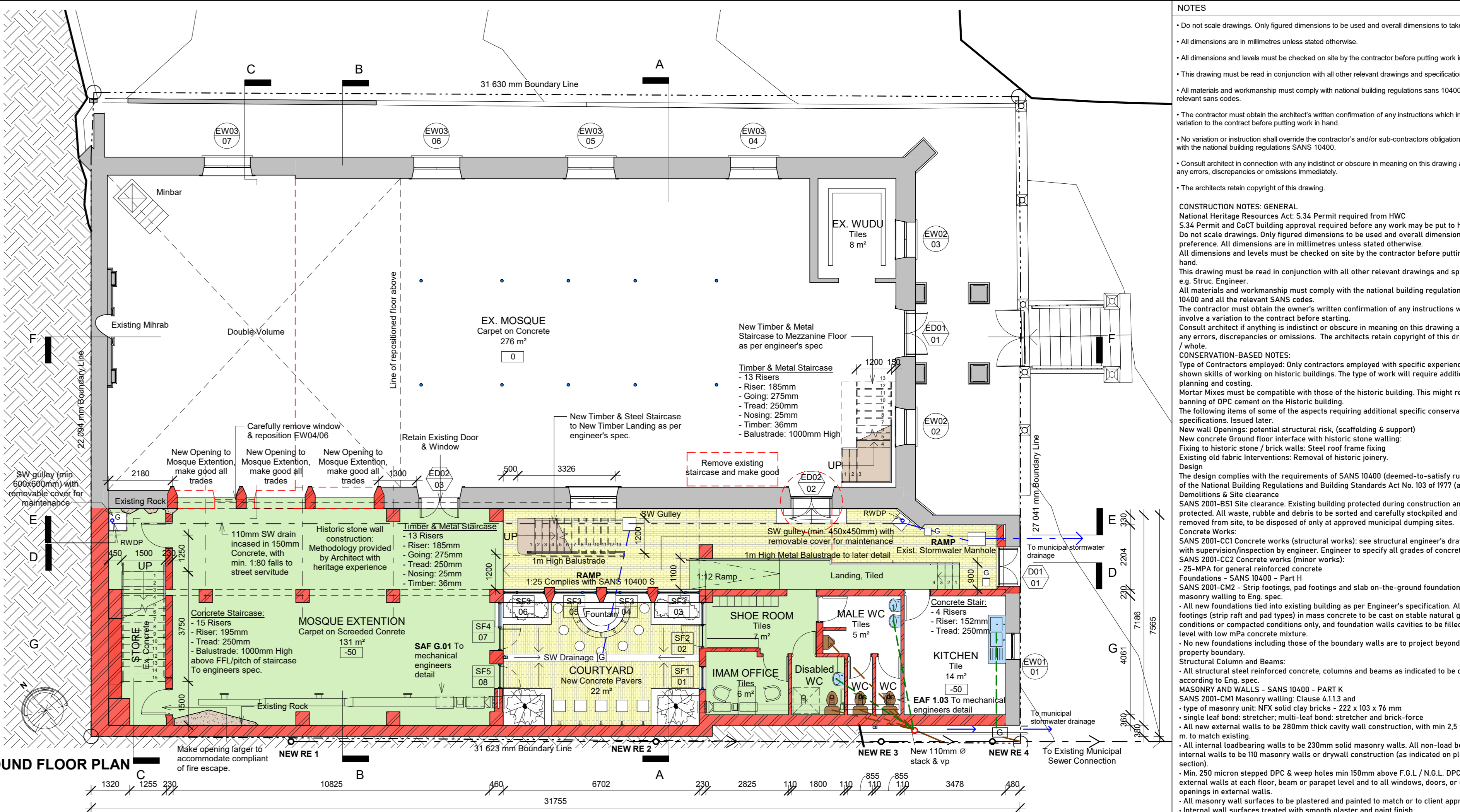
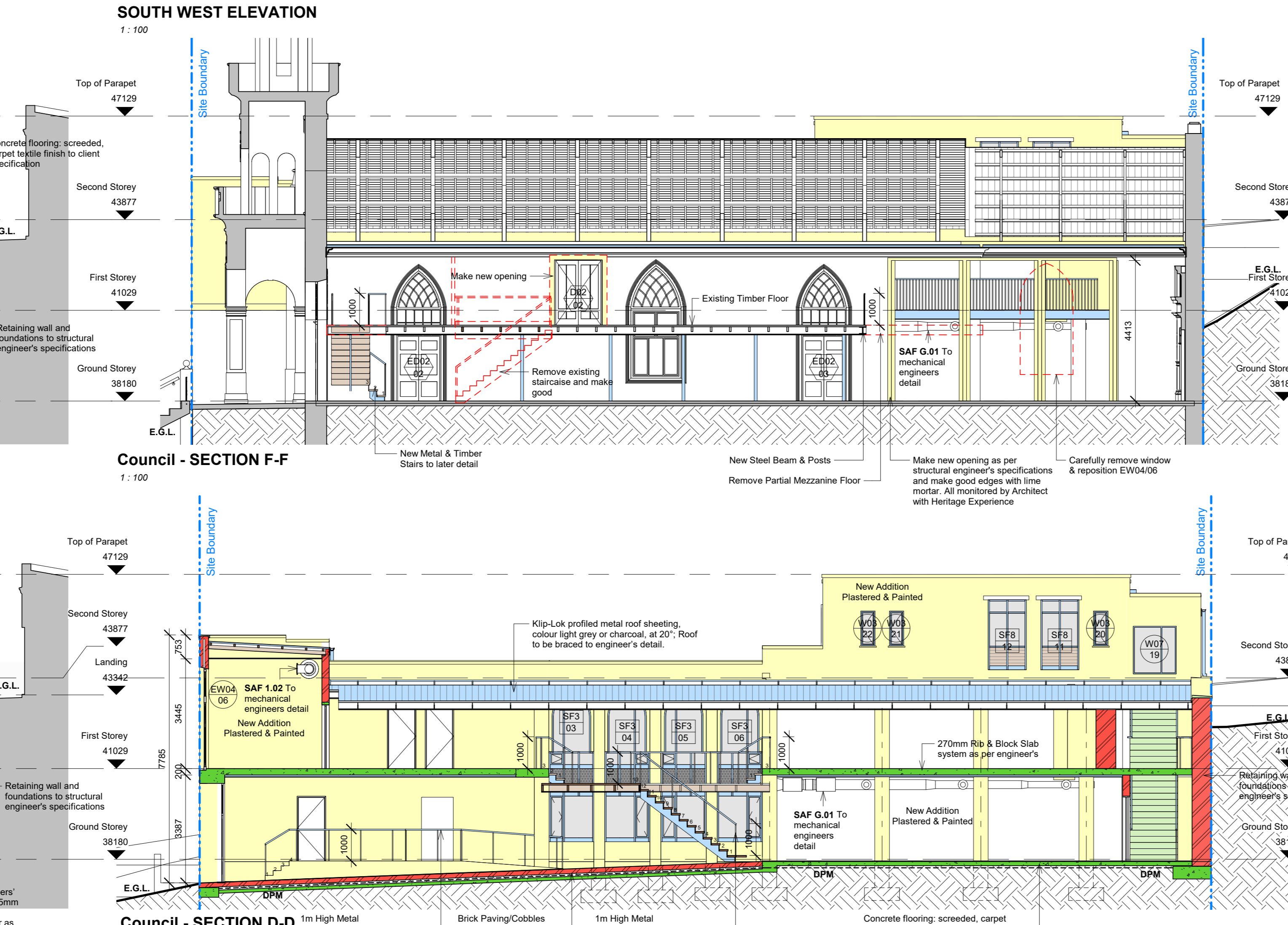
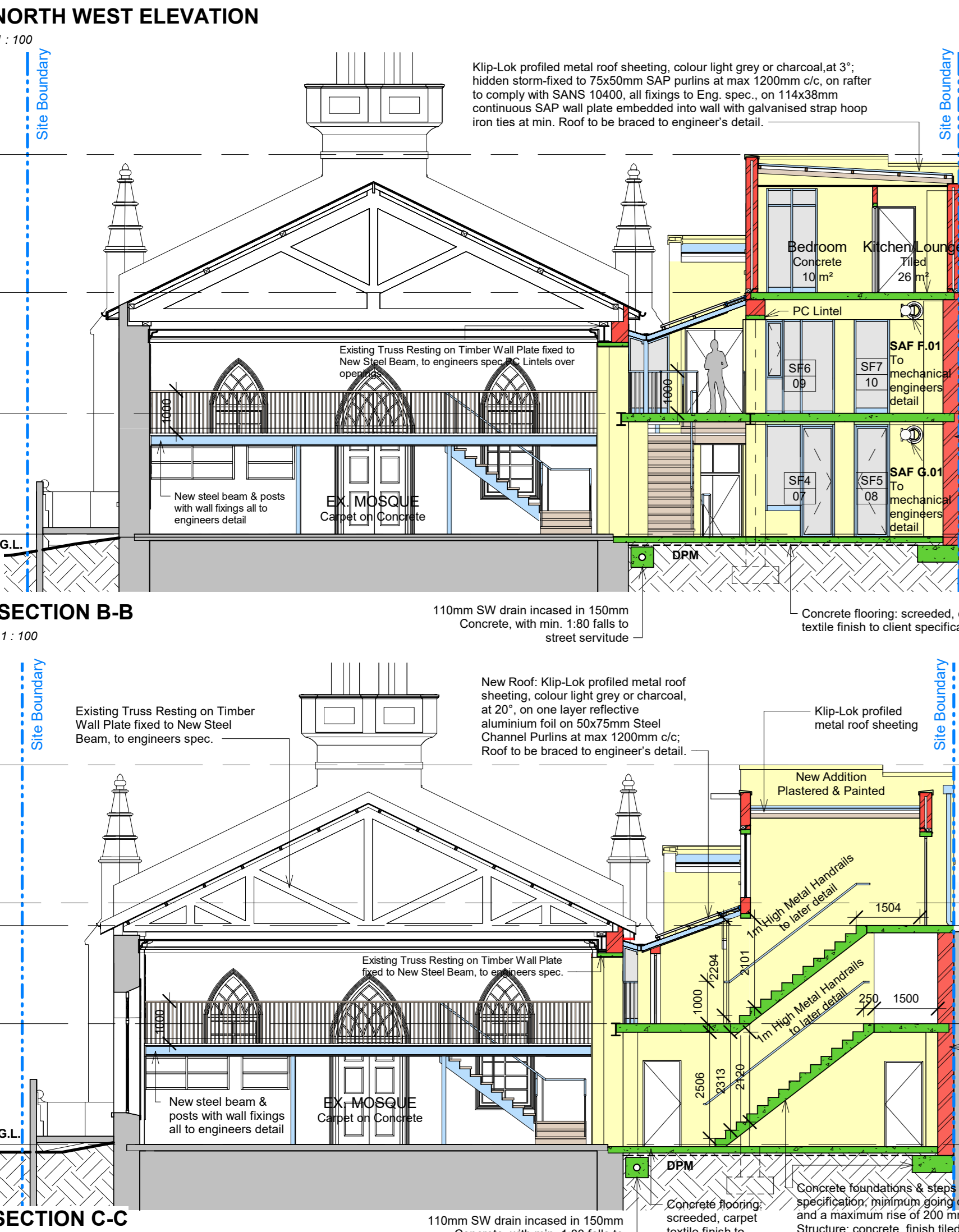
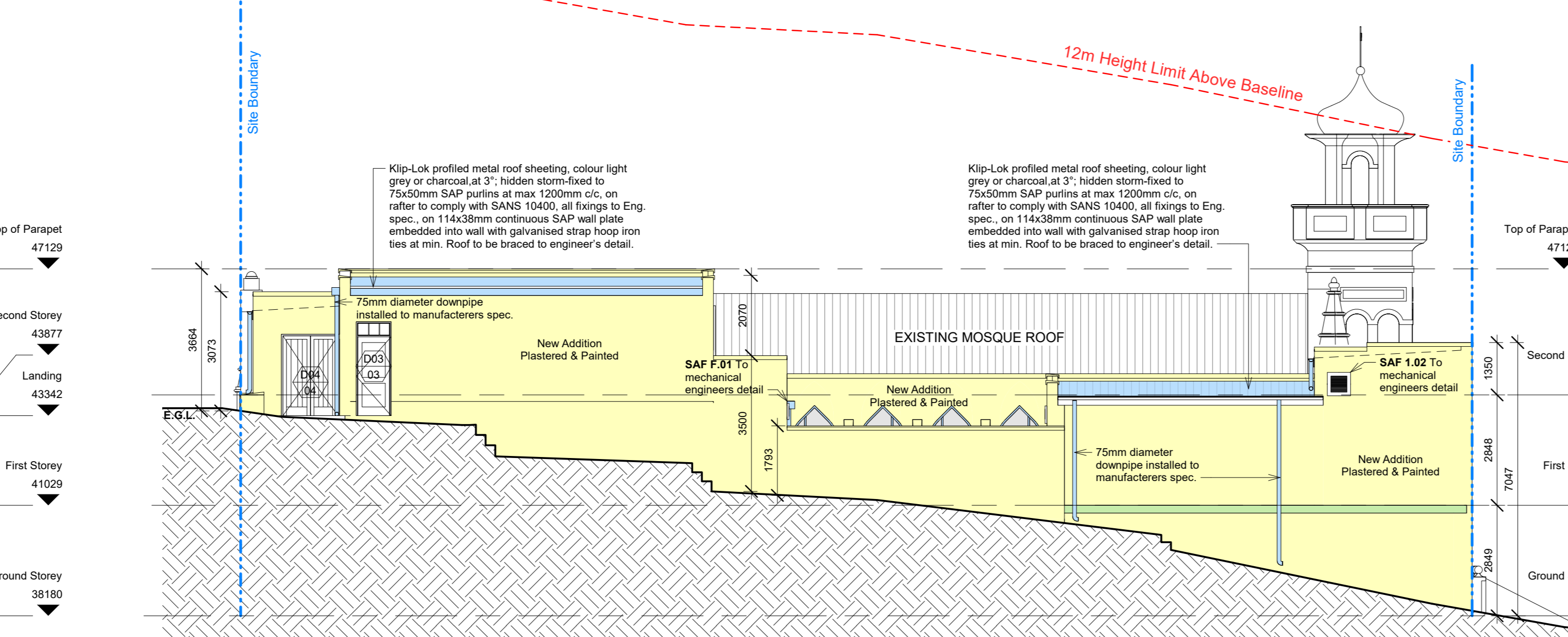
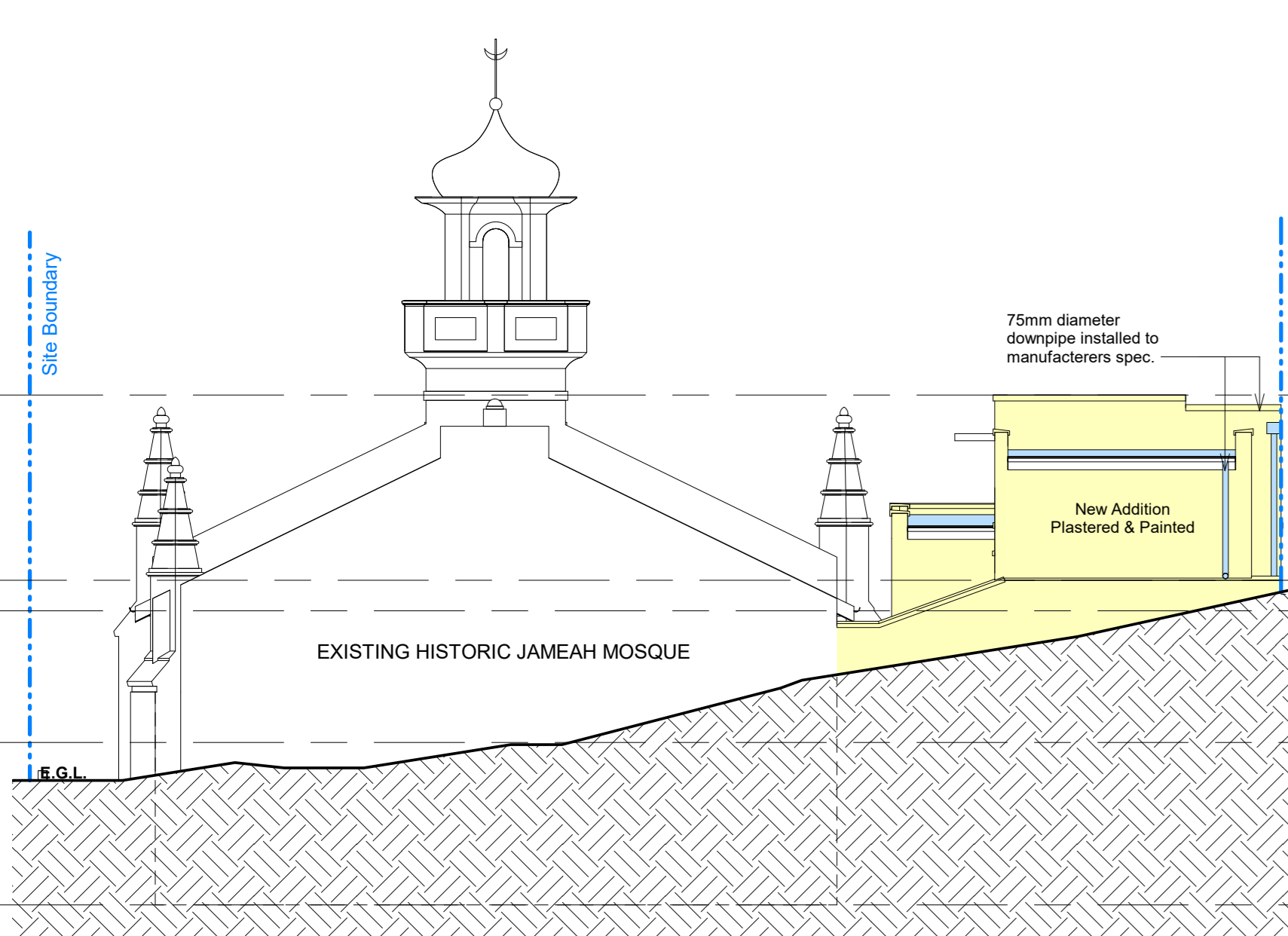
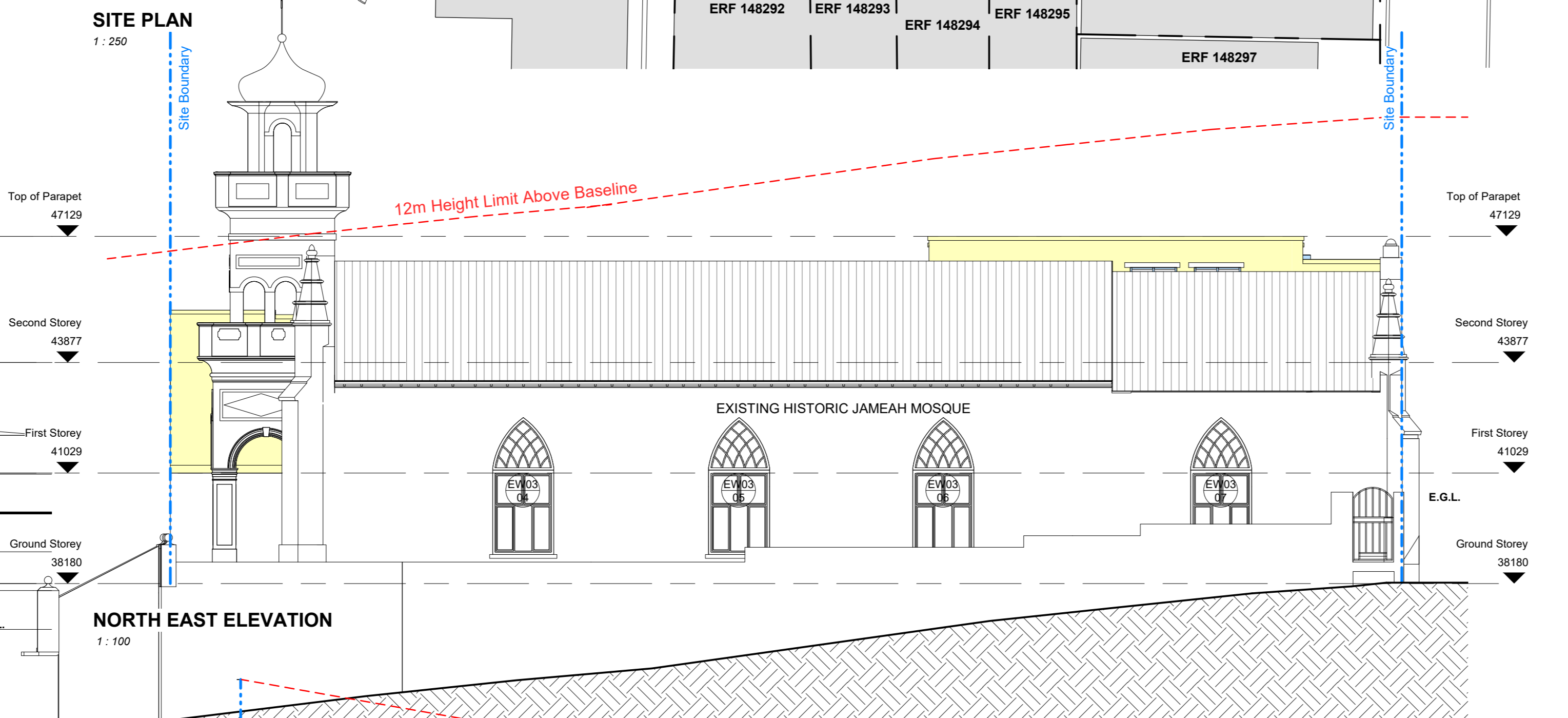


SITE INFORMATION
JAMEAH MOSQUE
 Erf 173650 - 62 Chiappini Str, Bo-Kaap, Cape Town
 Class of occupancy SANS 10400-A: Tables 1 & 14
 Climate zone SANS 204 - C-4 - Temperate Coastal
 Site atmospheric corrosivity category ISO 9223: C4
 Building older than 60 years - NHR Act 5.34 Permit required - Grade III-B
 Zoning: CD-1
 Occupancy class SANS 10400-A: A1 - Place of Worship
 Site Size: 705.59 m²
 Coverage (Permissible 60%):
 Existing: 347.84 m²
 Proposed: 212.20 m²
 560.01 m² (Actual 79.4%)
 Floor Factor:
 Ground Floor = 550.6 m²
 First Floor = 636.1 m²
 Second Floor = 57.4 m²
 1143.4 m² (1:1.62)
 Height Restriction: 12m from Base Level
 Height: 38.7709 m
 Boundary Setback: 5m (Street and Common)

PART XA CALCULATIONS (New Work)
 New Roof Construction - SANS 10400-XA: Climate Zone 4
 Minimum required total R-value = 3.7 m²·K/W
 Proposed R-Value = 3.74
 Outdoor air film (R_{va}) = 0.03
 Metal Roof Sheeting = 0.03
 Roof air space (non-reflective) = 0.18
 Insulation or similar material (min 1 year) = 2.33
 Plasterboard, gypsum (10mm, 800 kg/m³) = 0.06
 Internal air film (R_{vi}) = 0.11
 Total R-Value = 3.74



NOTES

- Do not scale drawings. Only figured dimensions to be used and overall dimensions to take precedence.
- All dimensions are in millimeters unless stated otherwise.
- All dimensions and levels must be checked on site by the contractor before putting work in hand.
- This drawing must be read in conjunction with all other relevant drawings and specifications.
- All materials and workmanship must comply with the national building regulations SANS 10400 and all the relevant SANS codes.
- The contractor must obtain the architect's written confirmation of any instructions which involve a variation to the contract before starting.
- Consult architect if anything is indicated or obscure in meaning in this drawing and report any errors, discrepancies or omissions. The architect retains copyright of this drawing, part or whole.
- No variation or instruction shall override the contractor's and/or sub-contractor's obligation to comply with the national building regulations SANS 10400.
- Consult architect in connection with any indication or instruction in connection with the drawing and report any errors, discrepancies or omissions to the architect.
- The architect retains copyright of this drawing.

CONSTRUCTION NOTES - GENERAL

1. National Heritage Resource Act (NHRA) 30 of 1998
 S.53 Permit and S.54 Permit required for the proposed works.
 The contractor must obtain the architect's written confirmation of any instructions which involve a variation to the contract before starting.

2. National Heritage Resource Act (NHRA) 30 of 1998
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