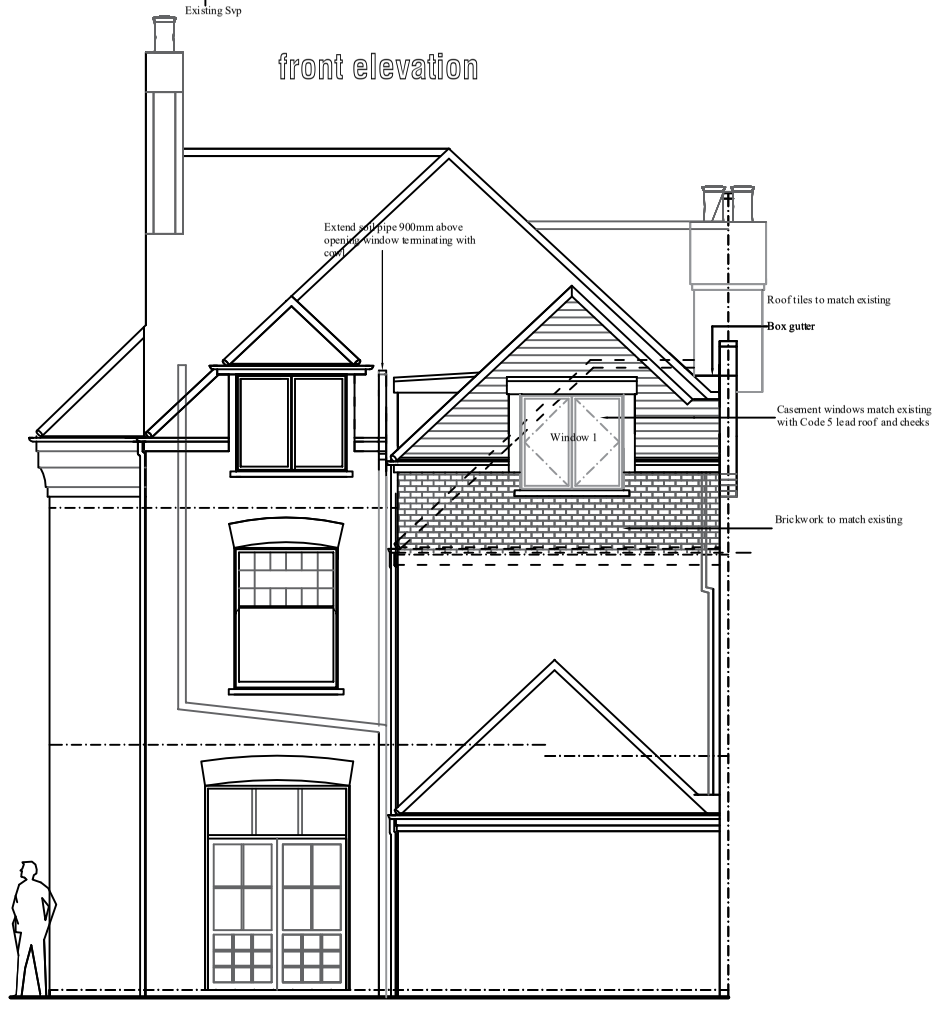
Subject to Planning permission



front elevation

side elevation



rear elevation

Scale 1:100@ A3 & 1:50@A1

0 1 2 3 4 5 6 7 8

Steel Beams
Provide steel beams and padstones as indicated on the engineers drawings.
Steels to be clean and rust free and painted with Leigh's Eprigrip C400 compliant epoxy primer at 75microns DFT before erection unless otherwise specificed. Cover steels with two layers of 12.5mm plasterboard and skim or Leigh's Paints Firetex system to provide half hour fire protection. All steelwork to be in accordance with structural engineers calculations.

Lintels
New lintels over openings in new external walls to be Catnic CH90/100. Lintels to have minimum end bearing of 150mm. New lintels to be fully insulated as provided by the manufacturers. Fit Timloc or similar cavity tray over lintels in cavity walls.
Provide 2 No. 225x100mm precast reinforced concrete lintels over drains where they pass through foundations or walls with minimum 100mm end bearing.
Lintels to be bedded on full and not cut blocks.

Second Floor Construction
25x150mm t&g boarding on 47 x 200 C24 tannolised joists at 400mm centres on heavy duty galvanised joist hangers. Fit noggins between joists at 1.2m centres. Insulate between joists with 100mm thick dense mineral quilt supported on chicken wire achieving 10kg/cu.m for sound resistance.
To bathrooms use two layers of 12.5mm plywood cross laid, each layer glued and screwed to joists at 150mm centres with stainless steel screws. Include for additional noggins at all unsupported edges

Internal Timber Partitions
100x50mm tannolised C16 softwood studs at 400mm centres with doubled up100x50mm head and sole plates and noggins minimum 900mm centres. Fit double cripple studs each side of door openings. Double up floor joists beneath partitions parallel to joist span bolted together at 500mm centres. Line both sides with 12.5mm Gyproc Soundbloc plasterboard and skim. To bathrooms use 12.5mm moisture resistant plasterboard and skim. Infill between studs with 100mm Rockwool sound deadening quilt.

PRELIMINARY
SUBJECT TO L.A PLANNING AND BUILDING REGULATION APPROVALS

project
Ravenscroft Park, Barnet EN5

title
PROPOSED SECOND FLOOR REAR EXTENSION, WIDENING OF SECOND FLOOR REAR DORMER AND INSERTION OF VELUX'S ON BOTH REAR AND FRONT ROOF SLOPES.

date
March 2021

scale
1:100 @ A3 & 1:50 @A1

STEVEN GRAY DESIGNS LTD
ARCHITECTURAL & SURVEYING SERVICES
36 Lakeside Crescent, Barnet EN4 8QJ
Tel: 020 3371 0629 Email: steve@gray-designs.co.uk
Web: www.gray-designs.co.uk

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