

PROPOSED SECTION

FLAT ROOF (not exceeding 3m above ground level)
3 layer felt roof system to be laid over 120mm kingspan flat roof insulation
18mm WBP plywood on firrings to provide 1 in 40 fall
Flat roof joists to be 170 x 50mm C16 @400mm centres

WALLS
105mm Brick external leaf, 100mm cavity wall fully filled with Rockwool and 100mm Celcon Standard inner leaf.
Walls tied together with stainless steel wall ties at 5 per m2
Walls finished with a Bond and set plaster finish
DPC to be min 150mm above finished ground level, and linked to new and existing DPCs/DPM
Lean mix cavity fill to 150mm from DPC and 225mm below Ground Level

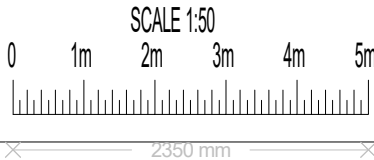
GROUND FLOOR
65mm sand cement screed on 100mm concrete floor slab on 100mm Kingspan K3 Floor insulation
on 1200g polythene DPM tied to new and existing DPCs on 50mm sand blinding on
150mm hardcore

WINDOWS/DOORS
Double glazed Low E glass with Argon fill framed to be UPVC to matgch existing.
Min openable area to be 1/20th of the room the window opens into.
Backround ventilation to be equivalant to 10,000mm2

FOUNDATIONS
Mass fill concrete foundations to depth indicate don foundation plans, to NHBC Practice note 3 or as
directed by Building Control Inspector

STEELWORK
New steel beam that support any walls or floors are to be provided with minimum of half hour
fire protection by encasing in two layers of 12.5mm plasterboard, with staggaered joints and
skim plaster finish

15 Eleanor Grove
Ickenham UB10 8BH



PLAN
Existing & Proposed Plans & Elevations

PROJECT
Single Storey Rear and Car Port

General Notes:
1. All dimensions to be checked on site prior to construction any discrepancies should be reported to the highford design.
2. All drawings are intended to provide visual requirements only and are not a substitute for a full specification.
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DWG No:
02
Rev: - d

Date: January 2022
Project: 15 Eleanor Grove, Ickenham
Scale 1:50 @ A0
Checked: AH
Drawing Title: Plans and Elevations
Status: Planning
Job No: 383

Highford
Design and Build Limited
27 Bellamy Close, Ickenham, Middlesex, UB10 8SJ
email: info@highforddesign.co.uk - web: www.highforddesign.co.uk
telephone: 01845 622575 - mobile: 07951 340205