

18mm wbp plywood valley board on ex. 100x50mm SW tapered firings to falls and continuity with existing roof insulation to be maintained

purpose-made thermal break aluminium mono-pitch lantern rooflight double-glazed to achieve 2.0W/m<sup>2</sup>K or better by FENSA installer

Samafil G410-ELF single ply roof membrane Lead Grey (9500) on 120mm thick Celotex EL3000 (0.19W/m<sup>2</sup>K) or equal incorporating vapour barrier all detailing to kerbs and abutments as required to satisfy guarantee conditions by approved installer

new 120x47mm C24 roof joists at max. 400mm centres bearing on existing valley beam and in joist hangers to parapet wall with ex. 147x47mm SW tapered firings to falls to valley and 18mm wbp plywood decking with 12.5mm Wallboard and skim ceiling

nom. 600x1200mm opening trimmed for rooflight with 150x50mm SW kerb and 18mm MDF internal lining

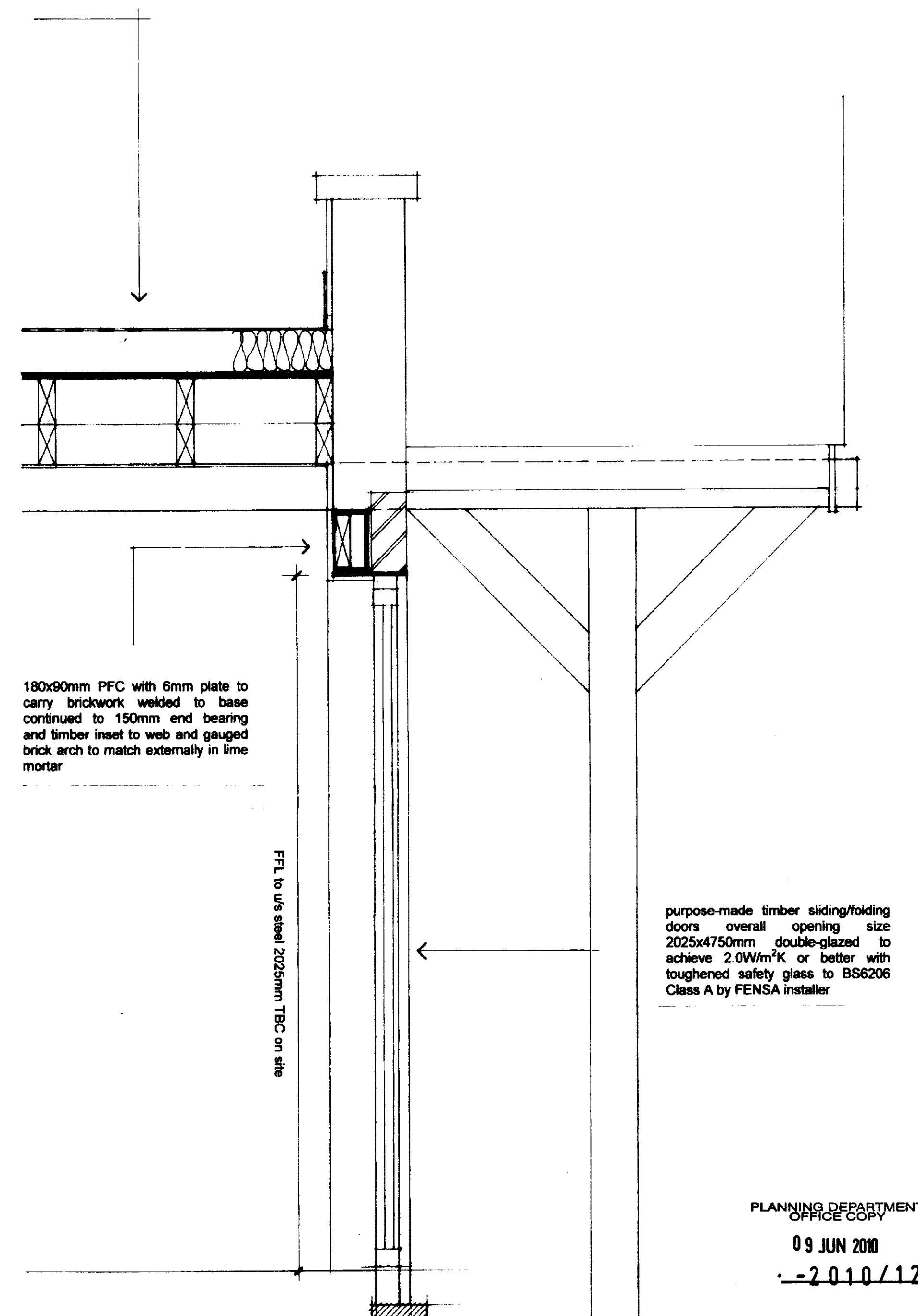
existing oak valley beam reinforced with 140x10mm MS plate bolted at min. 800mm centres with 8mm bolts and 24mm washers staggered along centreline min. 32mm from edge and 2No bolts at each bearing

150x90mm PFC with 6mm plate to carry brickwork welded to base continued to 150mm end bearing and timber inset to web and gauged brick arch to match externally in lime mortar

Overall frame height 2100mm to suit brick courses

purpose-made timber French doors overall opening size 2100x2400mm single glazed with toughened safety glass to BS6206 Class A

floor raised to garden room level with concrete and light steel mesh reinforcing approx. 150mm thick with RIW membrane to surface and 100mm Celotex GA3000 insulation board covered with 1200 gauge Visqueen membrane and min. 75mm reinforced screed and floor covering to Client's specification



SECTION B-B

SECTION A-A



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**DRWG No 797.07<sub>A</sub>**

7 FORE STREET HATFIELD AL9 5AN

**KITCHEN ALTS**

Scales: 1:10 @ A1

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