



External Cladding Designation

Roof Cladding Designation

Figure 1: Cross-section of the roof structure. The diagram shows a cross-section of a roof assembly. From top to bottom, the layers are: a top layer (130 mm thick), a middle layer (200 mm thick) labeled 'Purlin', and a bottom layer (187 mm thick). The total thickness is 517 mm. The middle layer is divided into four sections, each 1000 mm wide.

Building U-Values

Location	UK Min. Building Regs	Client Target U-values
External Wall	0.26 W/m ² K	0.15 W/m ² K
External Glazing	1.6 W/m ² K	1.2 W/m ² K
Roof	0.18 W/m ² K	0.12 W/m ² K
Ground Floor	0.18 W/m ² K	0.12 W/m ² K
Intermediate Floors	1.8 W/m ² K	N/a
Internal Partitions	1.8 W/m ² K	N/a

NOTE:-

The building sub-structure is shown indicatively on these drawings.
For details of the foundations and ground floor slab construction
refer to the Wood Civil drawing package

wood.



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PROJ. TITLE	28 PLANT UPGRADE
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PROJ. No.	721830
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DRG. TITLE

CONTROL BUILDING
ELEVATIONS SHEET 3

DRAWN BY KJD	CLIENT DRAWING No. 6008650-WD-03-28-DR-A-2011
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CLIENT REV.
PO1

SCALE	WOOD DRAWING No.
1.50	721830-ARC-DRG-2011

WOOD REV.
G1

DRAWING No.
SYNCL-28-74-27499