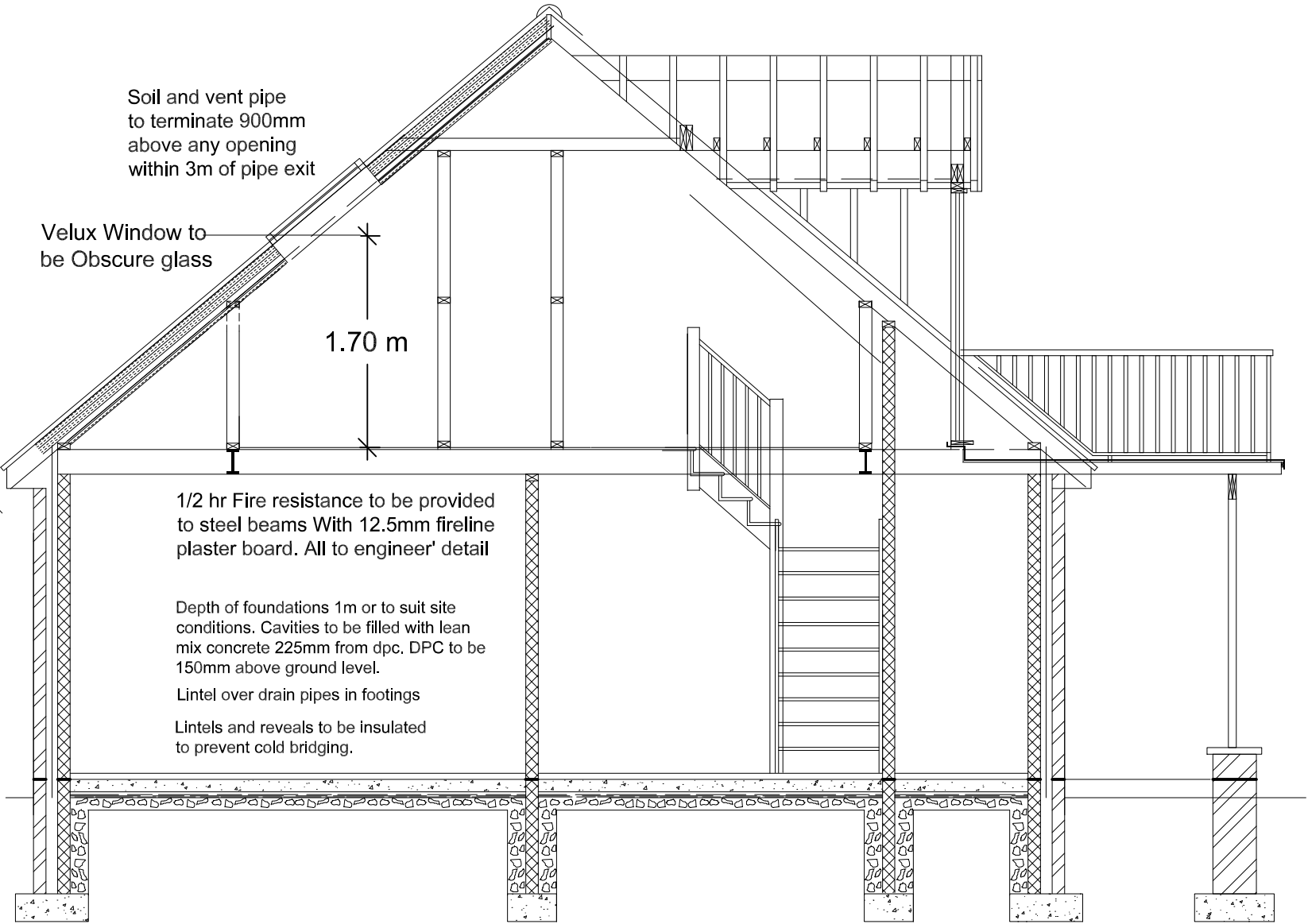
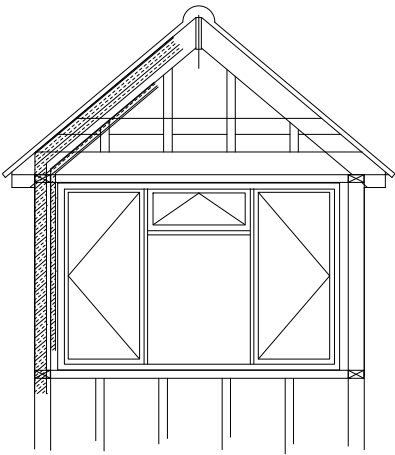




SECTION A - A



DORMER SECTION

INSULATION SCHEDULE

Ground floors Concrete slab P/A = .4 = 65mm
GA40650Celotex = 0.20 W/m2K, Celotex Tbreak
TB4000 between screed/concrete and outside
walls.

Cavity walls 90mm brick outside skin 100mm
Toplight GTI inside skin 45mm CW4045
Celotex = 0.28 W/m2K.

Windows to achieve 'U' value of 1.6 W/m2K.
Doors to achieve 'U' value of 1.8 W/m2K.

Timber stud walls and Dormer cheeks to roof
space 75mm GA4075 Celotex between studs
pressed forward to outside face of stud with
25mm gap and 12mm Celotex to inside face
plus 12.5mm plasterboard = .28 W/m2k.

Pitched roof ceilings 100mm GA4100 Celotex
between rafters with 50mm gap between breather
Membrane and insulation plus 35mm GA4035
Celotex underside of rafter = .18 W/m2K.

Roof space insulation 150mm fibreglass laid
between joist and 100mm over joist.
25mm continuous ventilation or equivalent to
all soffits continued into roof space.

Flat roof insulation 125mm TD4125 Celotex
on top of joist = 0.19 W/m2K.

Ceiling level to achieve 'U' value of 0.16 W/m2K.

Do not scale from drawings
(excepting Local Authorities)
All dimensions to be checked on site

All work to comply with Building Regulations,
British Standards, manufacturer's instructions
/specifications and engineer's calculations at
all times. Construction must also comply with
all safety at work regulations. Additional work
may be requested by the building inspector
as work proceeds to ensure the new building
complies with all building regulations.

No	Change	Date	Init
	Velux Window to be Obscure glass and raised to 1.7 m	20/11/2019	

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drawing
service

Title:

Plot D2 Paddock View
Northfield Lane,
Aldingbourne

Scale: 1:50

Date: 5 th September 2019

Drawn by:

Drawing 3 / 4

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