

BOLT ALL RAFTERS/
COLLARS & ASHULAR
WALLS WITH
TIMBERLOC CONNECTORS

ASHULAR WALLS (U=0.18 w/m²k)
insulate with Kingspan TW55 90mm
thick between studs & 50mm inside
studs maintain 50mm gap between
insulation

ASHULAR BEAM 7 (A)
254 x 146 x 31 kg UB
WITH 100 x 40 x 20 mm THK
STEEL PADS BOTH ENDS.

RIDGE BEAM 5 (A)
254 x 146 x 31 kg UB
WITH 100 x 100 C24 SUPPORT
BOLTED TO PARTY WALL

FORM DORMER HEAD
WITH 2-Nº 150 x 80 C24

Skellings (U = 0.15 w/m²k)
insulate with Kingspan K7 90mm thk
between rafters and K7 50mm thk under
rafters

DORMER SUPPORT BEAM 8
305 x 127 x 48 kg UB
WITH 100 x 40 x 20 mm THK
STEEL PADS BOTH ENDS.

SECTION A-A'

SUPPORT DORMER
CHECKS ON
2-Nº 150 x 80 C24
RAFTERS.

NOTE!
BUILDER TO ALLOW
FOR NEW FELT ROOF
OVER FLAT TOP DORMER.

FLITCH BEAM 4 (A)
2-Nº 150 x 80 C24
JOISTS WITH
130 x 10 mm STEEL
FLITCH PLATE
BOLTED @ 500 mm CTRS.

BEAM 2 (A)
2-Nº 150 x 80 C24 JOISTS
WITH 130 x 10 mm THK STEEL
FLITCH PLATE BOLTED
@ 500 mm CTRS.

0 1 2 3 4 5m
Scale 1:50

Rev. A PLANS AMENDED TO COMPLY
WITH B.T.C. & ENG. CALCS
DORMER GENERATED FROM AUG/26
FLAT ROOF OVER BED 2 & BATHROOM SEPT 26

Job Title

PROPOSED LOFT CONVERSION
AND SIDE EXTENSION
AT 21, DENE HOLM ROAD,
NORTHFLET, GRAVESEND,
KENT, DA11 8LF

Client MR. & MRS. A. HAWKINS

Dwg Title

Scale 1:50

Date JUNE 2026

C & B Designs

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Dwg No.

CB 3295.0 B-REVEL

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