Dormer flat roof joists @ 400mm c/s
Use 47 x 120 C24

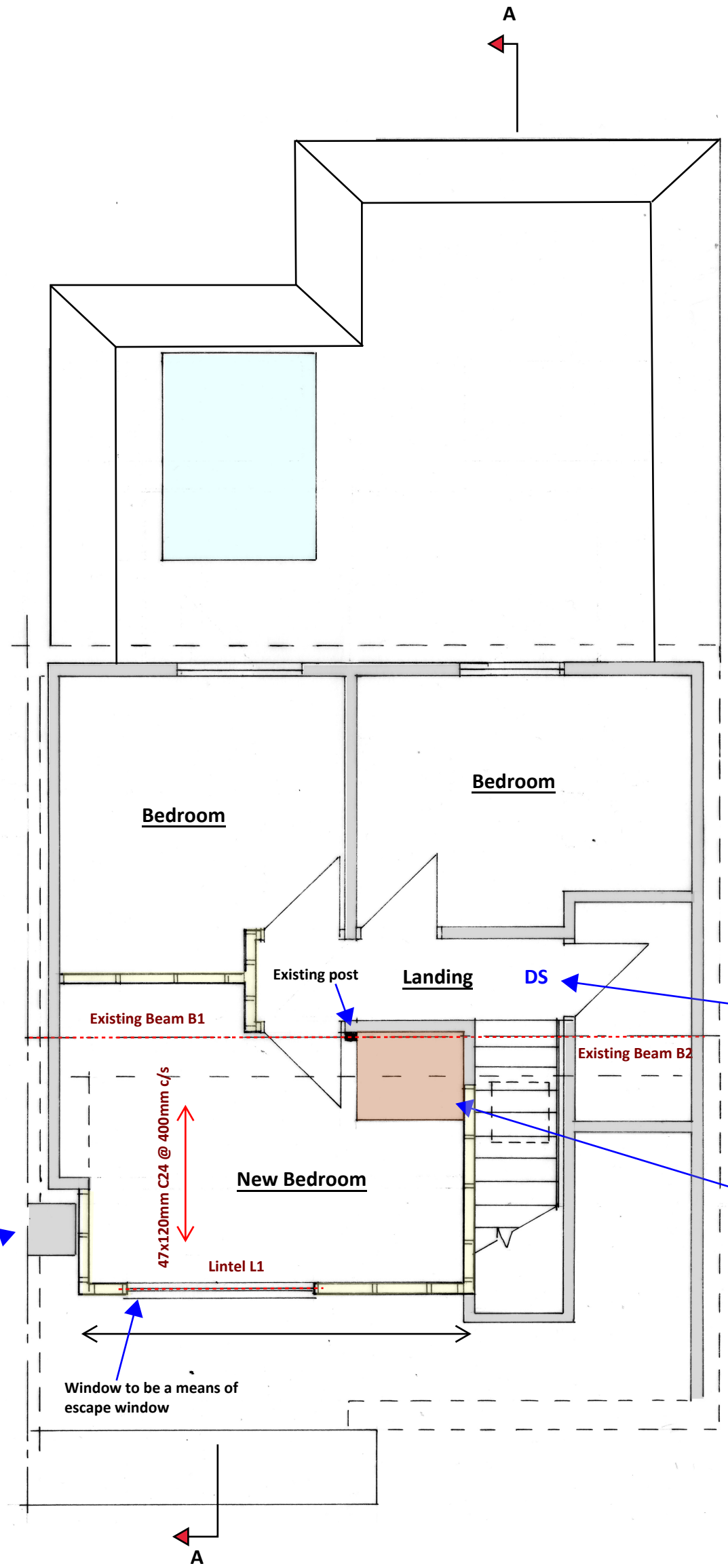
Existing Beam B1
Use 2no 47 x 170 C16 + 10 x 145 flitch plate
Existing beam is 2No 50x175C16 +10x165 steel plate. Therefore existing beam is satisfactory

Existing ridge beam B2
Use 2no 47 x 170 C16 + 10 x 145 flitch plate
Existing beam is satisfactory

Lintel L1
Use 2no 47 x 95 C24

Plan 3 of 7

The property owner is required to serve a party structure notice on the adjoining owner as required by The Party Wall etc Act 1996.



Existing beam B1 & B2 are satisfactory and can remain in place.

Recommend interlinked smoke detector if no detection in place

Form cup'd in this area to clients size and choice

Stack not in use

Proposed dormer

Proposed First Floor Plan 1:50

1:100

1:50 @ A3

cabe chartered association of building engineers

BSB S.Barrett Architectural, Structural & Party Wall Services stevebsbltd@yahoo.com 07974 715009 cabe chartered association of building engineers	11 Alandale Road, Sompting. BN15 0JU	Rear Extension& front dormer CBuildE chartered building engineer	Client Mr & Mrs Whitehead Date 22.12.2023 Drwg No BSB/23075/3/A	A3