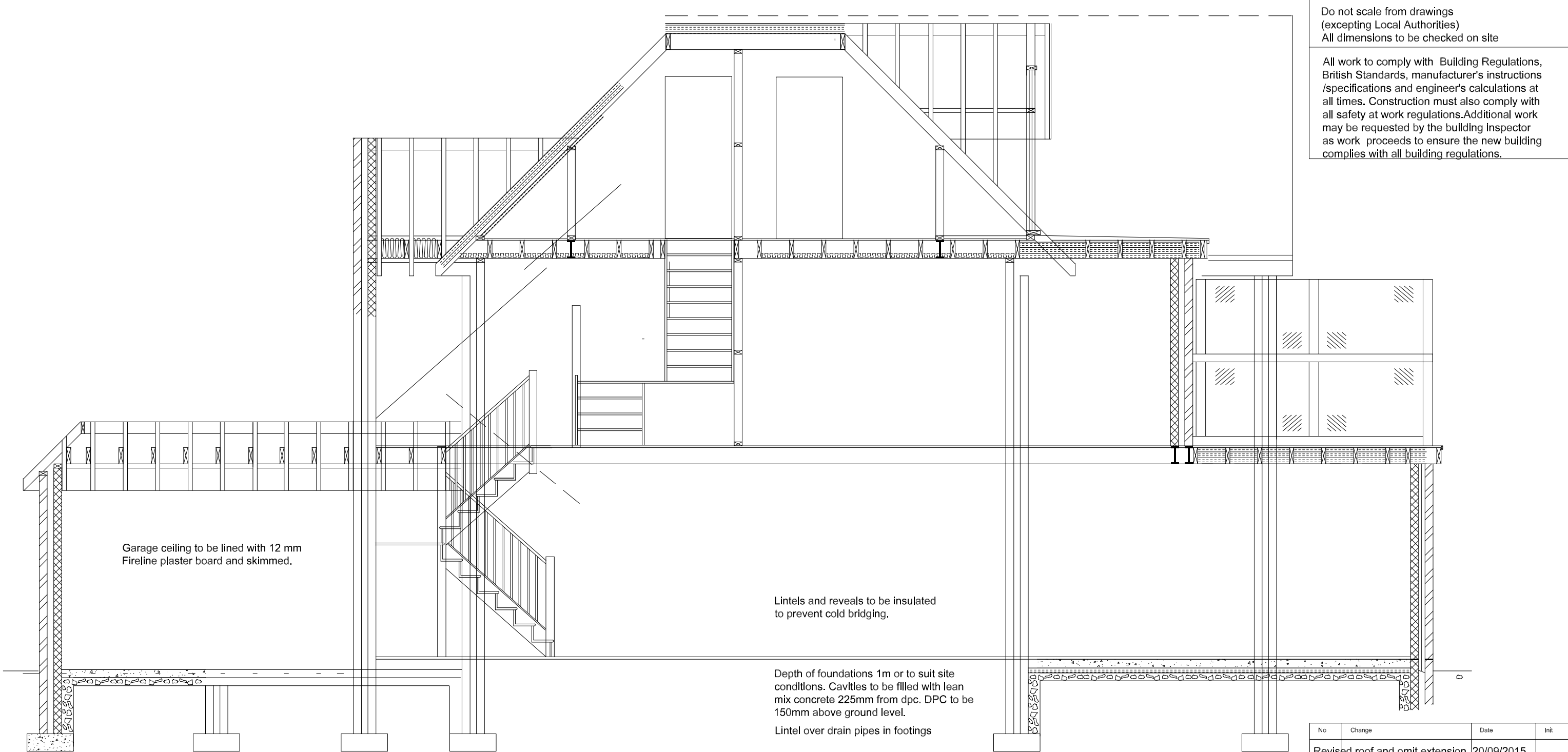




SECTION A - A

ROOF Building Regulation A1/A2 and TRADA technology.
Concrete or clay tiles on wooden battens on reinforced roofing felt to BS747 rafters and joist, to engineer's calculations on 50 x 100mm wall plates, hold down straps every 2m run to wall plates and rafters/gables.
Provide double rafters either side of Velux roof lights.
Provide 30 x 5mm steel restraint straps at 2m intervals at right angles to the rafters, to extend over 3 No. rafters with noggings.
Triple rafters both sides of dormer. 2 No 100 x 50mm timber posts to corners of dormer. Constructed in 100 x 50mm C16 timber rafters, ceiling joist and stud work cheeks.
Staircase, angle of pitch not more than 42deg, maximum rise 220 mm and minimum going of 220 mm. Headroom 2m from pitch line vertically. Balustrade from pitch line minimum 900 mm vertically, and 1000mm horizontally, gaps not more than 100 mm between spindles. All tapering treads to have the same taper. The width of taper treads to be the same width on the centre line as the going on the straight treads, minimum going at any part of the tread not less than 50mm.

FLAT ROOF A1/A2/B4 and TRADA technology.
Flat roof covering 3 layers of mineral felt with 12.5 depth bitumen bedded stone chippings Building Regulation Part B Table 5 Part iii; or fibreglass by specialist supplier (fibreglass specialist to provide fire rating specification) on 19mm marine ply on 125mm TD4125 Celotex Minimum U - Value 0.19 W/m2k, on sloped firrings not less than 1 in 80 on 200 x 50mm joist C16 table 36 @ 400 c/c on 50 x 100mm wall plates, hold down straps every 2m run. Steel joist/wall connectors to support joist to existing house wall.

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
Revised roof and omit extension over garage		20/09/2015	

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Title:
1 The Dunes
Aldwick Bay
Bognor Regis

Scale: 1:50

Date: 2 June 2015

Drawn by:

Drawing 6 / 6

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