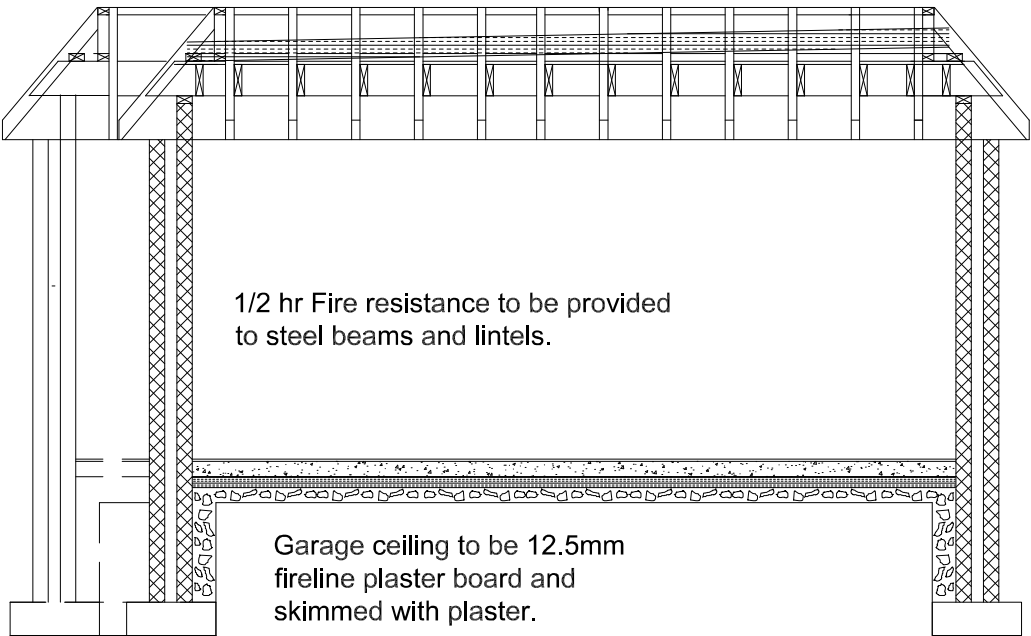
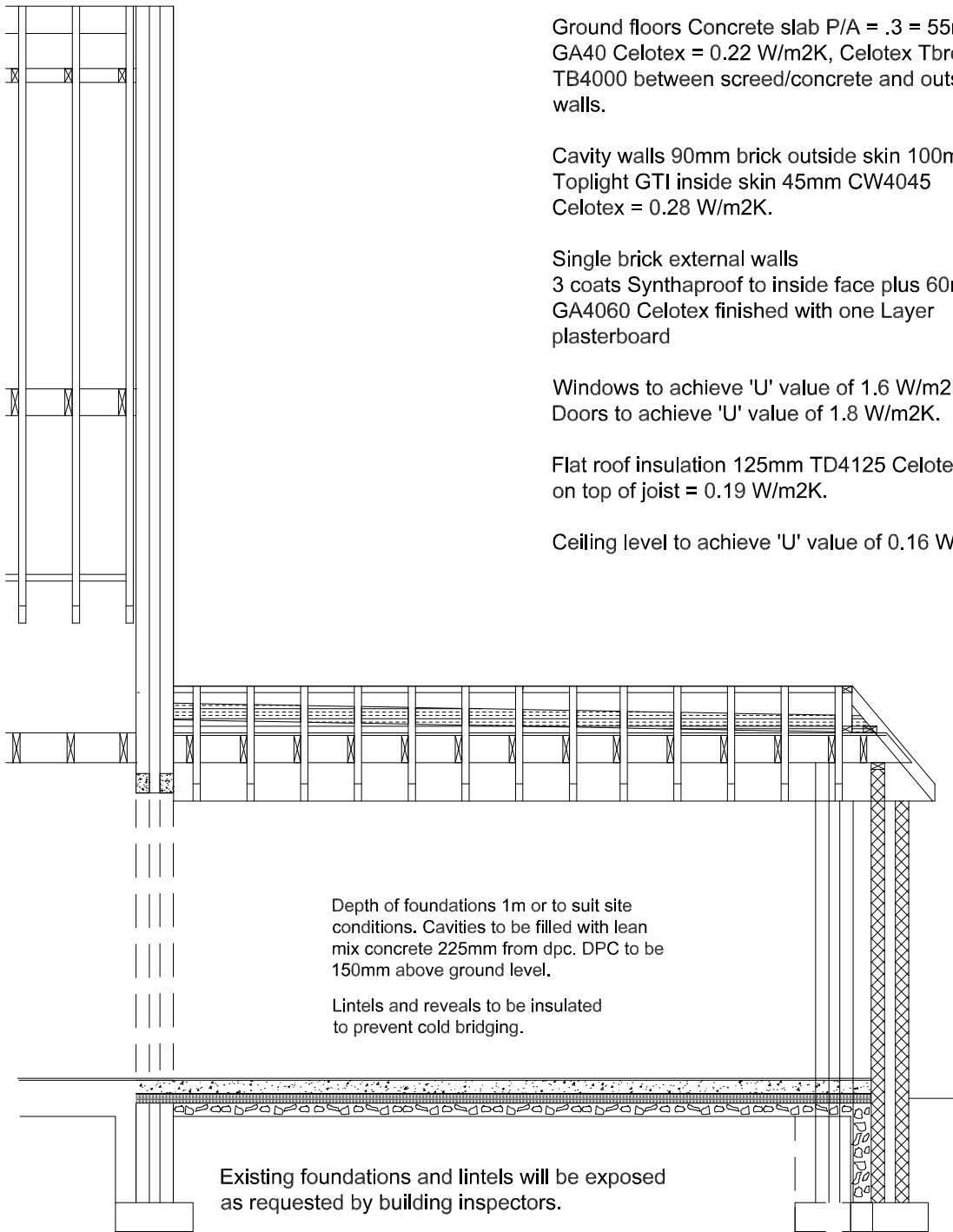


ROOF Building Regulation A1/A2 and TRADA technology.
Concrete or clay tiles on wooden battens on reinforced roofing felt to BS747 on 50 x 150mm rafters on 50 x 100mm wall plates, hold down straps every 2m run to wall plates and rafters/gables. 150mm fibreglass laid between joist with 100mm laid across joist. Continuous ventilation strip 25mm wide to all soffits.
Forward calculations to Local Authority.



SECTION B - B



SECTION A - A

INSULATION SCHEDULE

Ground floors Concrete slab P/A = .3 = 55mm
GA40 Celotex = 0.22 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.

Single brick external walls
3 coats Synthaproof to inside face plus 60mm
GA4060 Celotex finished with one Layer
plasterboard

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

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
	Revised	20-09-2018	
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