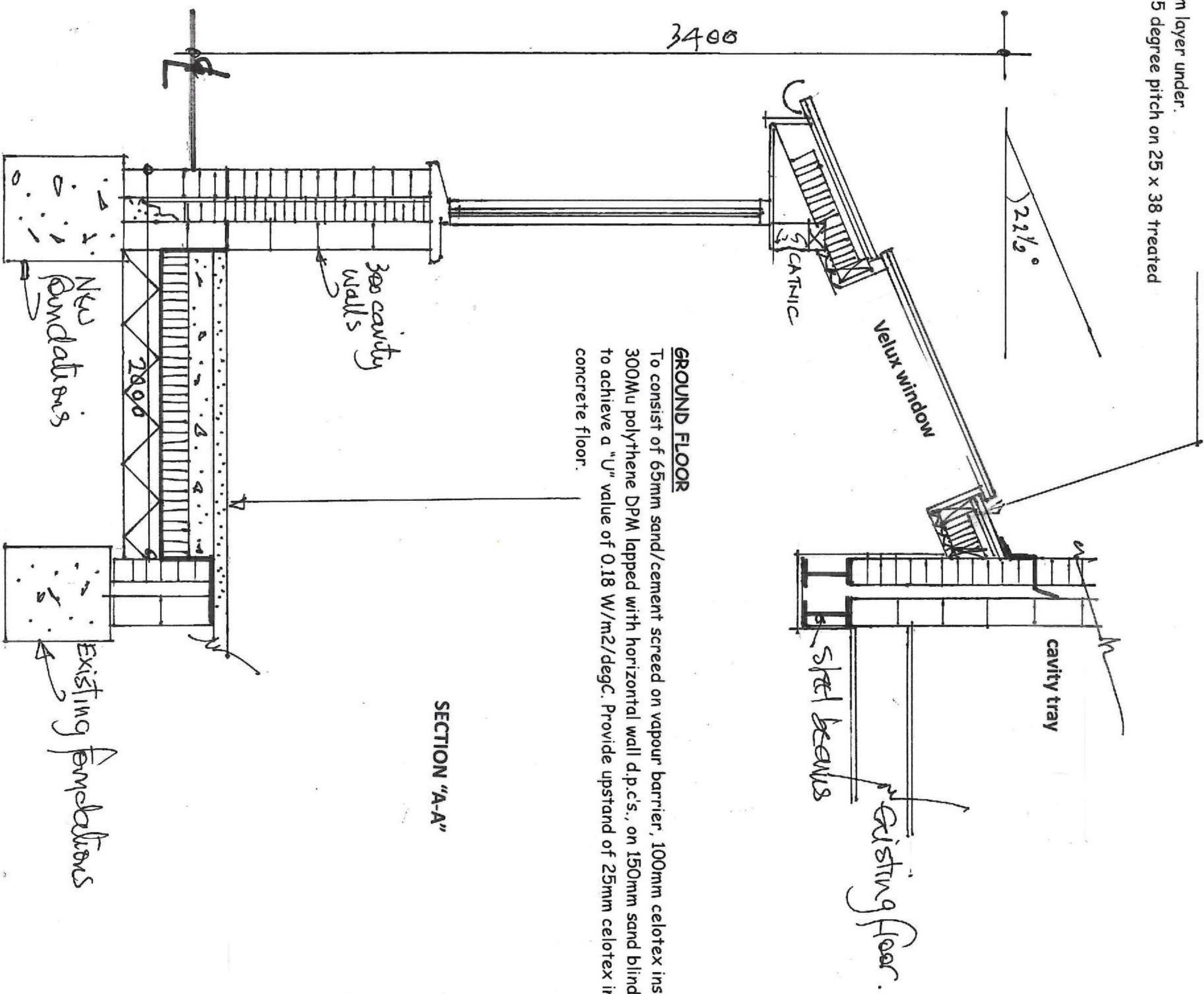


ROOF
PITCHED ROOF:

New roof to comprise 150 x 47 rafters at 400mm centres, single span. 100x47 wall plates strapped down with 1200x35x5mm galv. straps at 1800mm centres, fixed to wall plate and blockwork inner skin. 200 x 47 hip.
Install 100mm Celotex insulation between rafters with a further 50mm layer under.
Roof to achieve a "U" value of 0.15 W/m².K. Concrete tiles to suit 22.5 degree pitch on 25 x 38 treated battens on breathable membrane. Pvc-u facias and soffits.



SECTION "A-A"

GROUND FLOOR
To consist of 65mm sand/cement screed on vapour barrier, 100mm celotex insulation, 100mm concrete, 300Mu polythene DPM lapped with horizontal wall d.p.c.s., on 150mm sand blinded stone/hardcore fill. Floor to achieve a "U" value of 0.18 W/m²/degc. Provide upstand of 25mm celotex insulation to perimeter of concrete floor.

GRAHAM BARKER DESIGN

ARCHITECTURAL SERVICES
PROJECT MANAGEMENT
95 Upton Cres, Nursling, Southampton
SO16 8AA



Title:

PROPOSED REAR/SIDE
EXTENSION
AT
45 KINGFISHER WAY
MARCHWOOD
SO40 4XS

Drwg.no D4 BR 05

scale: NTS

date: NOV '23