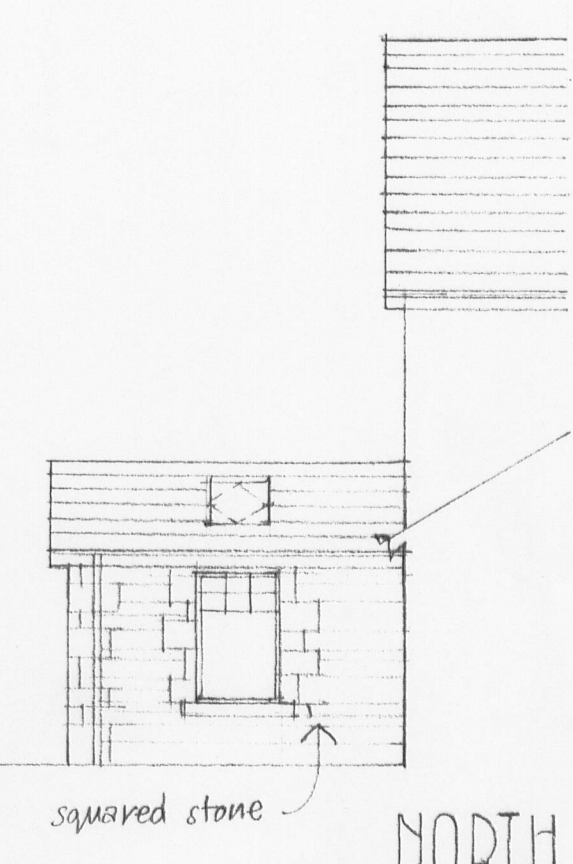




demolish existing extension
reclaim stone & slate for reuse

new sun room:

foundations - 600x200 concrete strip, min 550 cover, to underpin existing at abutments

floor - min 150 crushed stone, sand blinding, Visqueen 1200 gauge polythene dpm - run across cavities as RADON barrier
80mm Kingspan TF insulation
75mm concrete screed with PVC heating coil finish to client requirements

walls - 100 stone, 100 cavity, 100 conc block inner leaf
50 Kingspan TW insulation in cavity. render inside, dry line pbd + skim

horiz dpc min 150 above ground
insulated vertical dpcs at jambs
dpc trays over lintels

150x100 rc inner lintels
150x100 sawn stone heads + cills
steel beam + plate to engineer detail over western glazing

roof - steel beams to ridges + valley to engineer detail
150x38 rafters @ 400 c/c
100 Kingspan TR insulation between rafters
40 Kingspan TR insulation under rafters
polythene vapour check
12.5mm pbd + skim ceilings to slopes
sw fascias + bargeboards to match existing
18mm WBP ply valley gutter on sw bearers
in situ grey glassfibre gutter lining, run 300 up each slope

roof covering - blue slates on battens + breatherable felt, blue grey conc ridge tiles
code 4 lead flashings + soakers at abutment
25 under slate eaves vents both slopes
double rafters as trimmers to Velux M06 roof windows, flush fit flashing kits

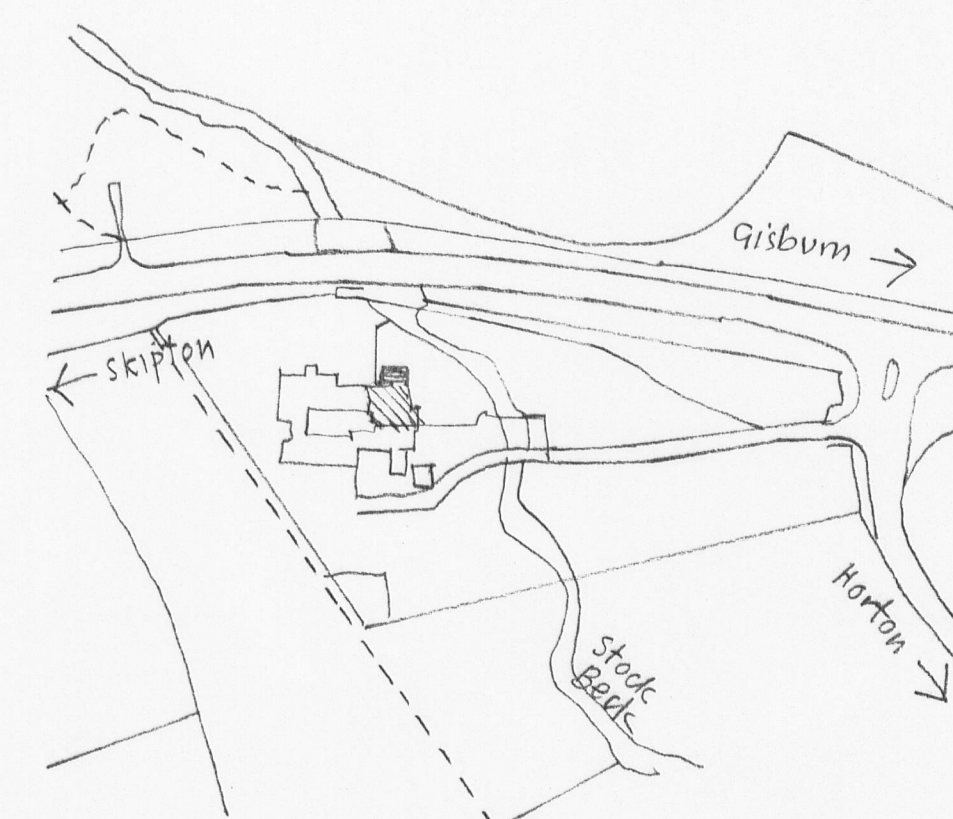
rainwater - 100 brown half round PVC gutters
80 p PVC mps
re site 2 no existing gullies, adjust extg drains
new 150x150 back inlet external access gully for valley, new 100 p UPVC sw drain to extg sw drains

windows - west - white timber subframe, coloured timber slide/fold doors bi-parting, proprietary gear
other frames - white PVC

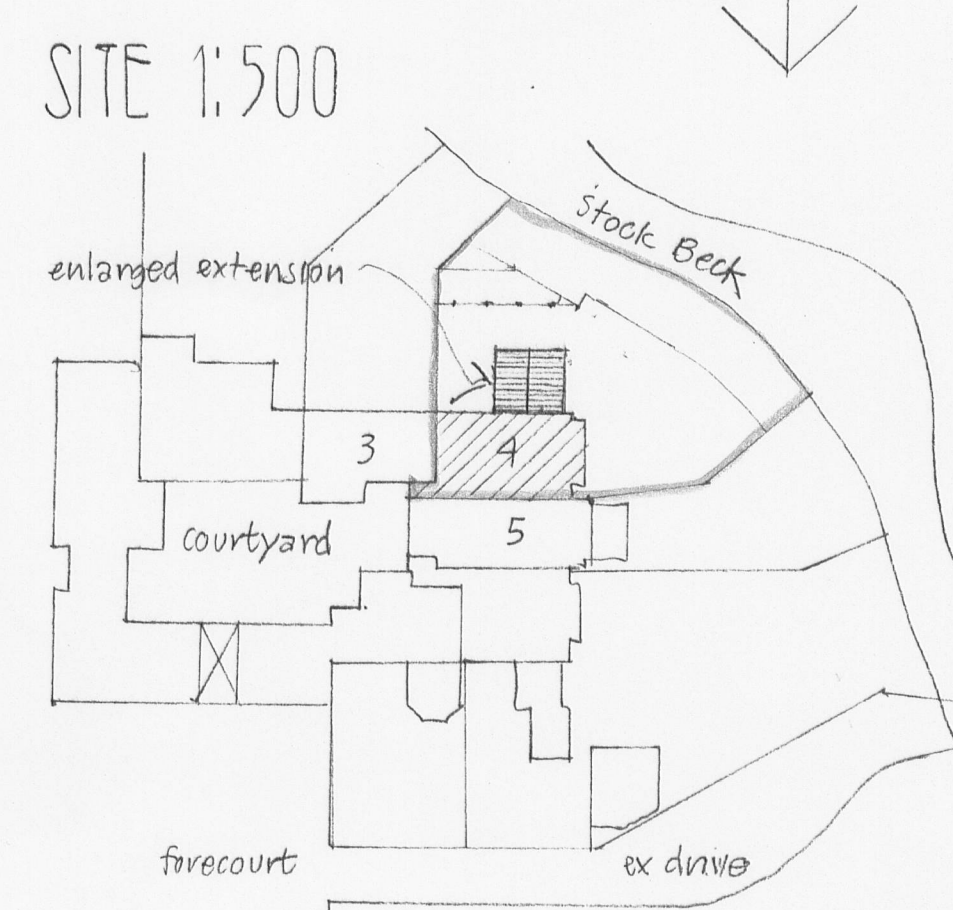
glazing - double glazed 16mm cavity, low 'E' inner panes, safety glass to any pane within 800mm of floor + all doors
slide/fold doors fully weatherstripped
trickle vent via both Velux, min 8000mm²

heating - design installation + testing by CORAL registered engineer, commissioning certificate to be submitted to Council
underfloor heating coil in screed, via manifold off existing central heating system, room thermostat control, existing auto-programmable timer (color) gas fire, balanced flue, in sun room

electrics - design, installation + testing by Part 'P' registered engineer, completion certificate to be submitted to Council
sockets + switches min 450 max 1200 from floor



LOCATION 1:2500

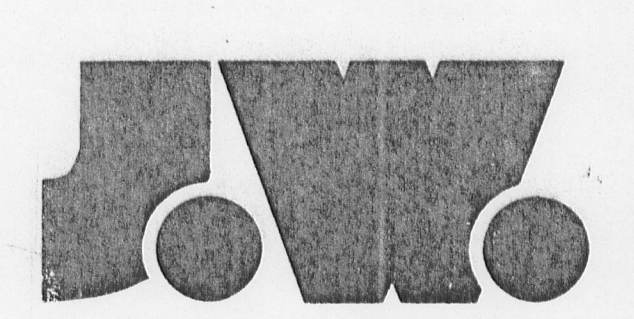


exterior materials;
roof - reclaimed blue slate
walls - squared reclaimed stone
frames - white PVC/painted timber
nw goods - brown PVC

to match existing

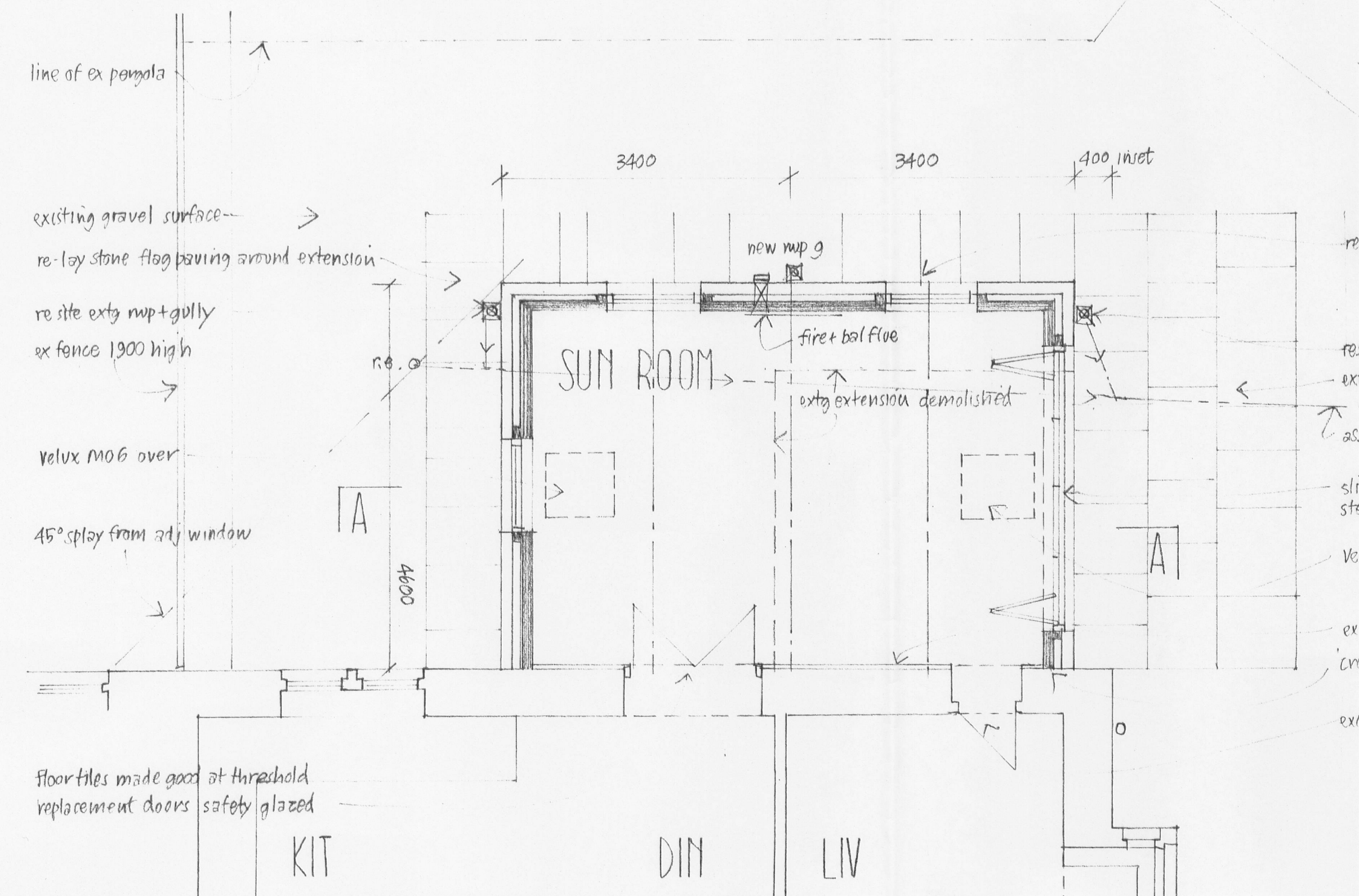
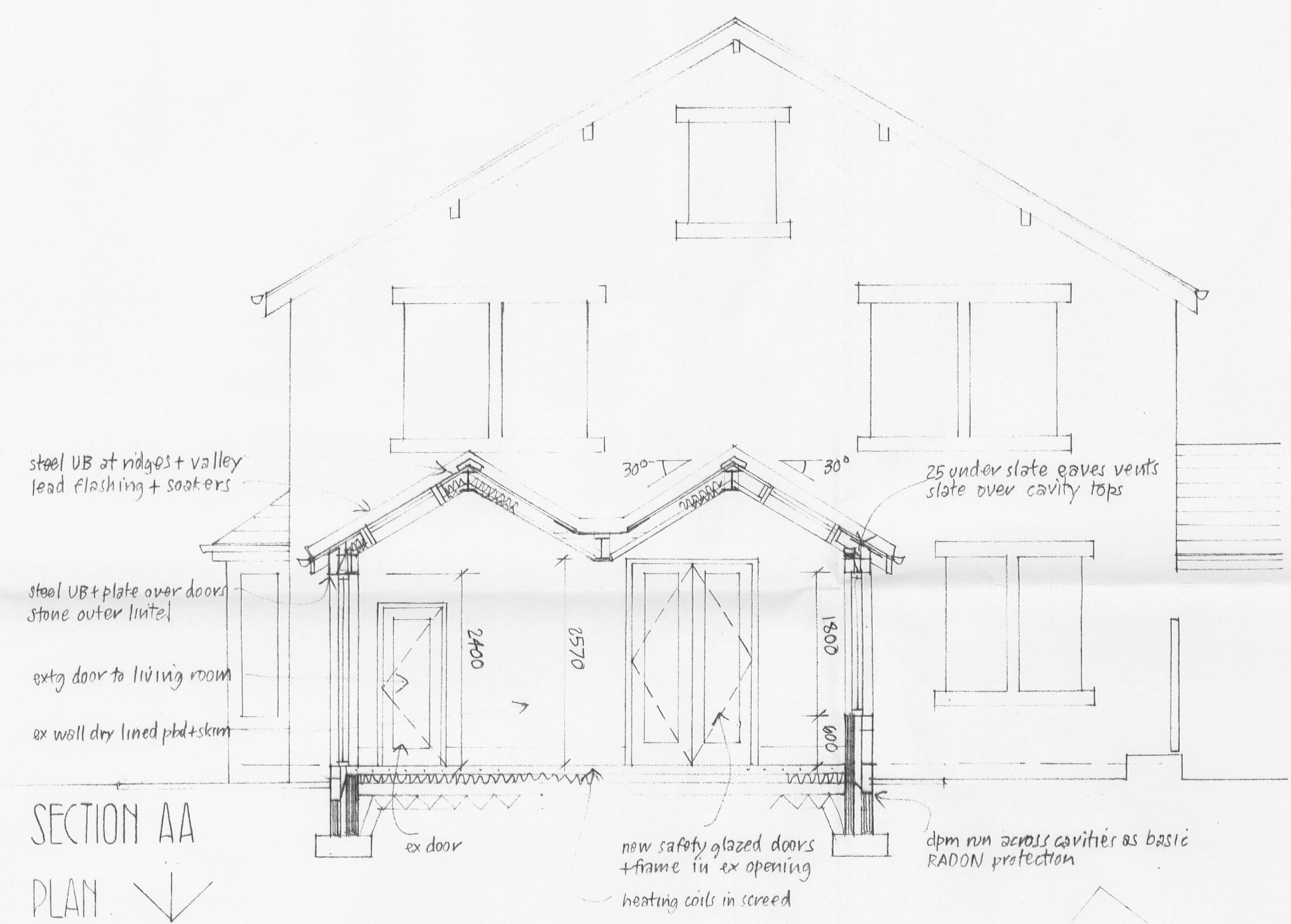
320070971P

EXTENSION
4 HORTON LODGE
HORTON IN CRAVEN
scales 1:50 1:100 September 2007



JOHN & JENNIFER WHARTON : ARCHITECT DESIGNERS
Craven House
Brook View
Carleton
SKIPTON
North Yorkshire BD23 3EX tel 01756 792708

2053



replacement bat roof at ridge over

re site extg mwp + gully
extend stone flag paving
assumed extg sw drain

slide/fold safety glazed doors
steel UB + plate over

Velux M06 over, double rafters as trimmers

ex wall dry lined pbd + skim within extension
'crocodile' ties at abutments, both walls

existing door