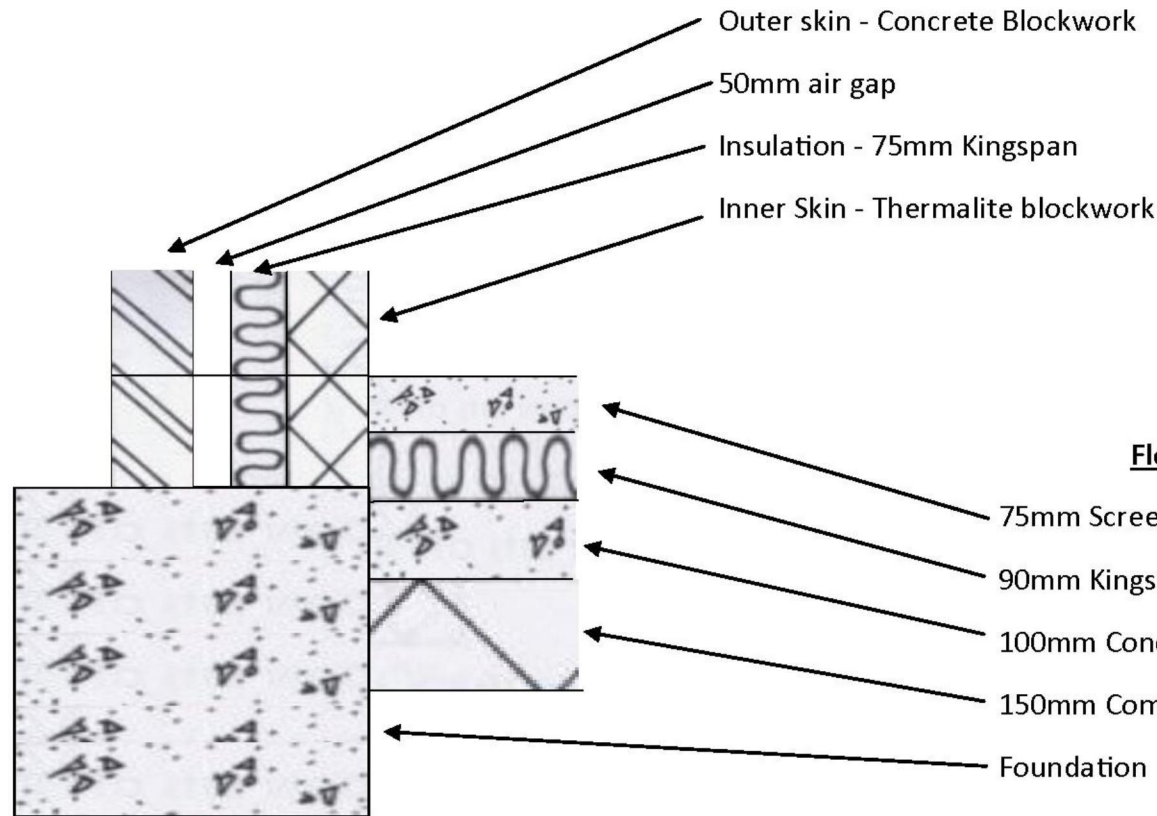
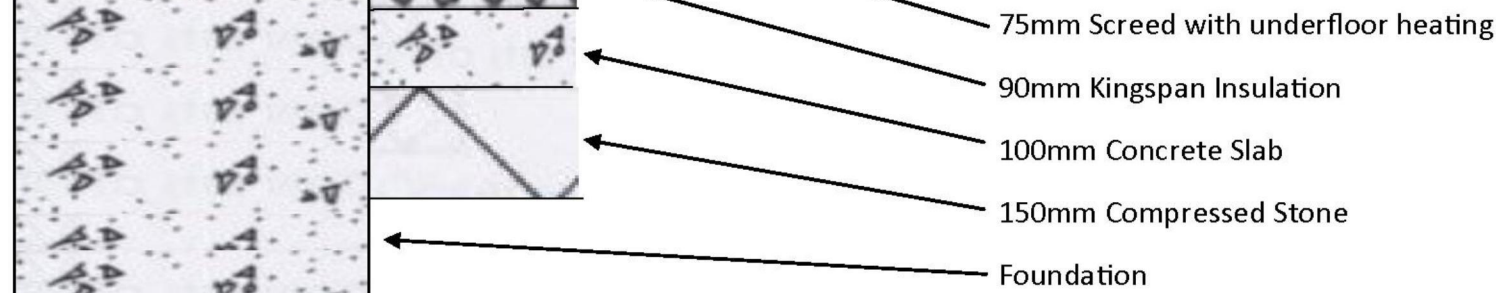


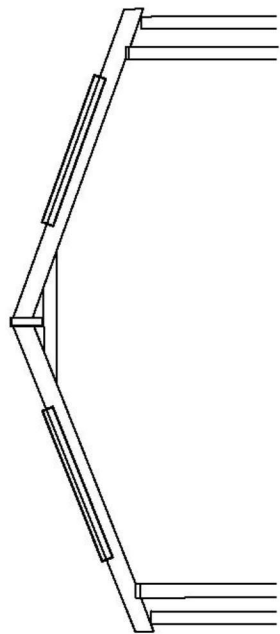
Wall Construction



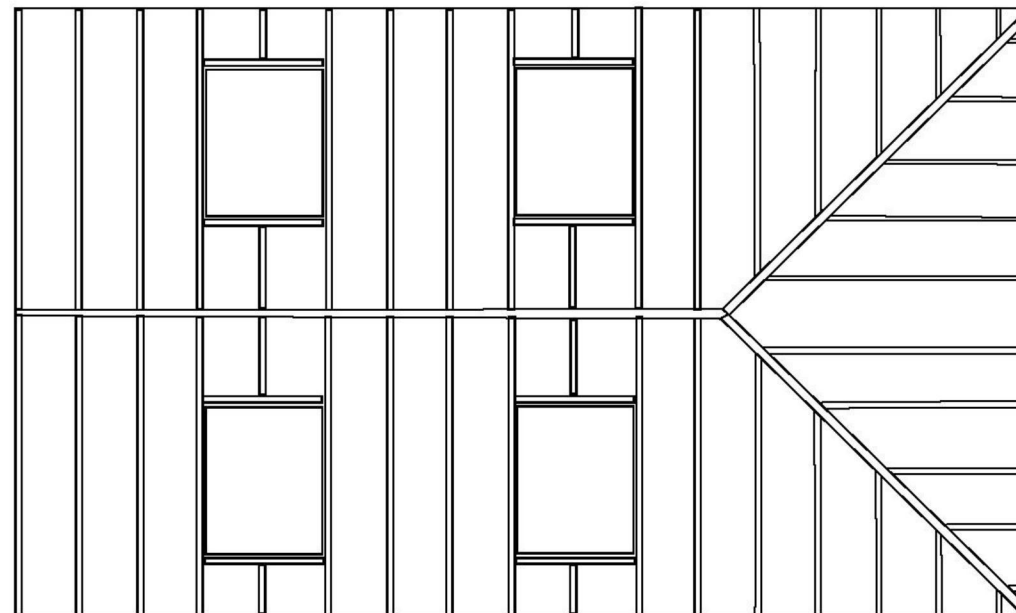
Floor Construction



Not to Scale



Rafter Detail



Proposed New Roof

Schedule of Works

1. Demolish existing Sun Room
2. Remove existing slab and foundations (See below)
3. Pour foundations
4. Blockwork and insulation as shown in **Wall Construction**
5. Remove earth as shown in **Floor Construction** (See below)
6. Compressed stone and slab
7. Insulation heating and screed
8. Cut Roof as shown in **Cut Roof Construction**
9. Fit Skylights
10. Membrane and insulation
11. Fibre cement roof tiles
12. External trim
13. Aluminium bifold doors
14. Internal trim and finish

Details of significant earth moving or excavations

300mm Existing concrete slab and earth to be excavated for installation of new slab and underfloor heating.
Depth 300mm x Area (3.5M x 9M) = 9.45 Cubic Meters

Cut Roof Construction

Rafters - 150mm x 50mm

Span - 2.1m Pitch 20°

Skylights - Velux 980mm x 780mm

Insulation - Earth Wool 100mm

Tile - Cement Fibre

Table 1: Spans for Common Domestic Timber Rafter Sizes at 400mm spacing (Strength Class C24)

		Slope of Roof (degrees)		
		15-22	22-30	30-45
Size of Rafter Breadth X Depth (mm)		Maximum clear span (m)		
47	100	2.52	2.58	2.66
47	125	3.15	3.22	3.32
47	150	3.76	3.85	3.97
47	170	4.36	4.45	4.57
47	195	4.87	4.98	5.14

43 Highmore St HR4 9PH

Drg.4 Detail Proposed

Scale 50:1

Size A3

Pat Corcoran

April 2015