

- Wall build up**
1. Ceramic tiles with waterproof grout
  2. 12mm tile backer board
  3. 25mm service void
  4. 18mm OSB3 taped at joints to form racking board and VCL
  5. 200mm C24 timber filled with Pavaflex woodfibre insulation
  6. 60mm Pavatex woodfibre board
  7. counter batten
  8. horizontal batten
  9. Cedral fibre cement cladding

- Foundation build up**
1. 260mm deep foundation founded at 700mm deep
  2. brick and block wall with 4no upper courses of external leaf in blue engineering brick. To finish 200mm above external ground level.

- Roof build up**
1. 12mm gypsum plaster board with 3mm gypsum skim coat
  2. 25mm service void
  3. Pavatex DB3 VCL sealed in accordance with manufacturers instructions. blue dotted line
  4. 200mm C24 rafters at 600mm centres filled with pavaflex woodfibre insulation
  5. 40mm of cork perimeter insulation around rooflight
  6. 60mm of pavatex woodfibre insulation topped with breathable roofing membrane
  7. vertical counter battens
  8. horizontal tile battens
  9. fibre cement slates

- Floor build up**
1. Floor finish TBC
  2. 100mm Limecrete slab with 40mm of cork perimeter insulation
  3. 250mm of foamglas insulated hardcore laid onto and topped with geotextile membrane

4 SECTION BB  
Scale: 1:20

**THOLTAN DESIGN & BUILD LTD**

**CLIENT**

Janette Ray

**JOB TITLE / NO.**

4 South Cottages, York

**DRAWING / WORK STAGE**

Technical Section BB

**DRG NO.**

400

**SCALE**

1:20 at A3



**DRAWN**

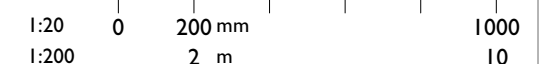
James Nolan

**APPROVED**

**DATE**

15/06/2022

**SCALE BAR**



All dimensions must be checked on site and not be scaled from this drawing