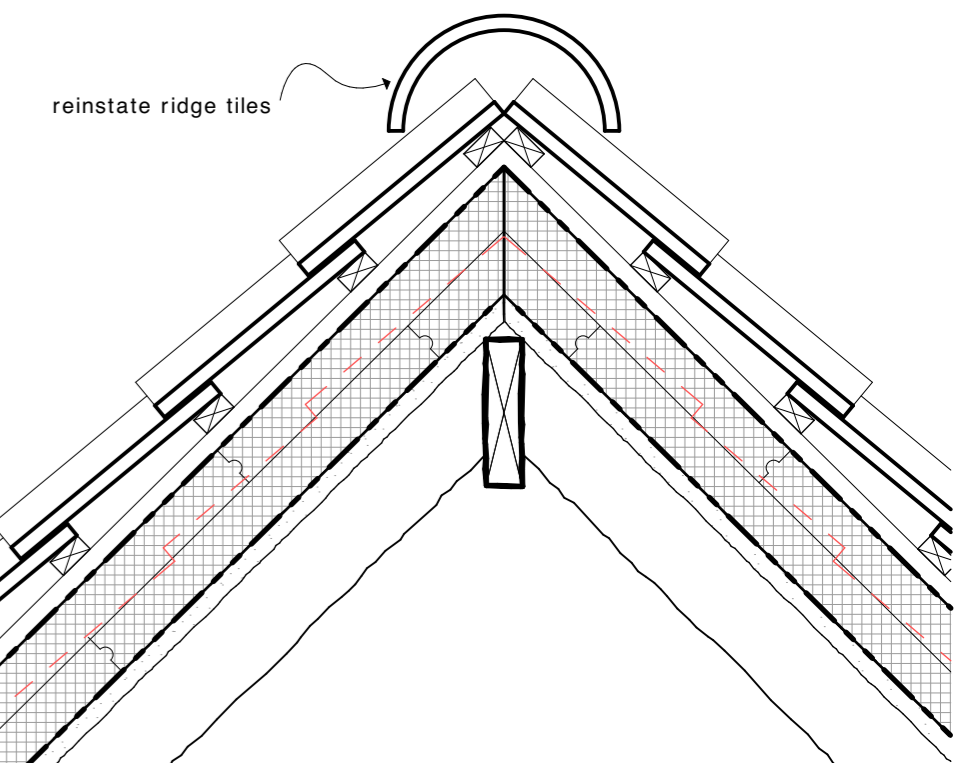


## GENERAL NOTES:

This is a domestic project - CDM 2015 applies. The client is reminded of their duties under the Building Safety Act 2022 and Building Regulations 2010 (amended 2023). Any persons using this drawing for construction must be competent and able to discharge the responsibilities of Principle Contractor in accordance with building control and CDM regulations.

- All dimensions and levels are to be checked on site
- Ascertain the existing drainage system asap and test any newly completed drainage to the satisfaction of the building control officer
- All work is to be carried out and certified by qualified persons & certificates to be provided to employer and LABC on completion
- All electrical installations are to be carried out by a competent and suitably qualified persons in accordance with part P and test certificate to be provided upon completion. All new wiring is to be carefully planned and concealed within the construction nor neatly planned exposed steel conduit



both layers of the 60mm Isolair-multi to be secured in place with STRH thermally broken timber fixings & washers then the counter battens are to be fixed all the way through the insulation with Topix-Therm-Heco fixings min 6 per sqm

exposed timber frame- assess for any required repairs; as per condition 3 prior to any repairs submit detailed schedule of works for the approval of the LPA

carefully remove the pantiles and set aside for reuse

### External insulation outside of the timber frame

- reinstated clay pantiles
- 50mm vented void created battens and counter battens
- bat safe vapour open membrane: TLX Batsafe or Siga Majcoat
- 120mm isolair-multi T&G woodfibre board, in two 60mm layers, to achieve u-value 0.27W/(m²K)
- DSB 2 Pavatex vapour control and airtightness membrane
- over rafters install 25mm cream Fibrolith wood wool board, install neatly as it is to remain unplastered
- exposed existing rafters

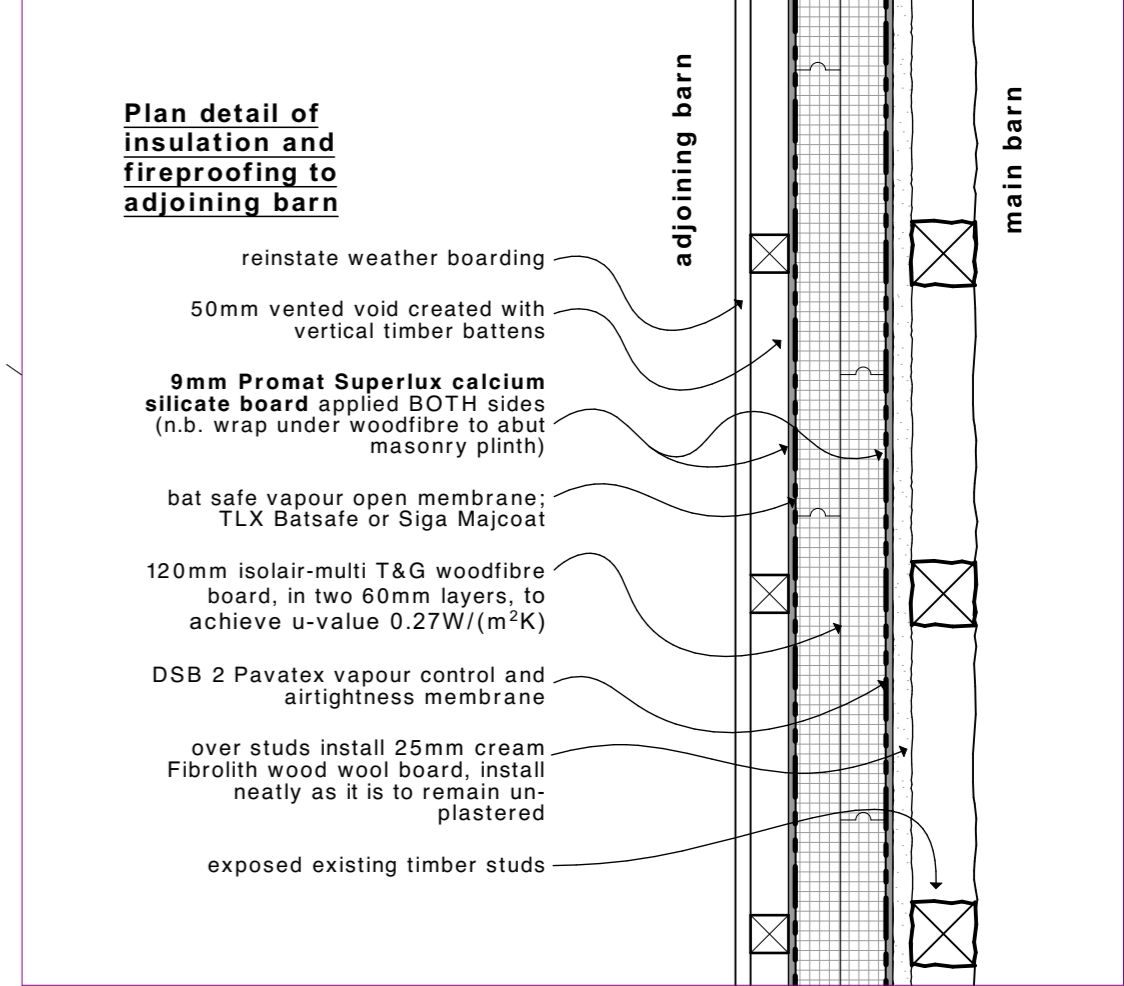
Black aluminium Alumasc "Apex Heritage Beaded Half Round Cast", in textured black with "Heritage Circular Down Pipes" (not fitted with leaf guard)

timber fascia and soffit boards painted black

soffit vent (or fascia vent) closed with insect mesh

### External insulation outside of the timber frame

- reinstated weather boarding, redecorate with black barn paint
- 50mm vented void created with vertical timber battens
- bat safe vapour open membrane: TLX Batsafe or Siga Majcoat
- 120mm isolair-multi T&G woodfibre board, in two 60mm layers, to achieve u-value 0.27W/(m²K)
- DSB 2 Pavatex vapour control and airtightness membrane
- over studs install 25mm cream Fibrolith wood wool board, install neatly as it is to remain unplastered
- exposed existing timber studs



exposed timber frame- assess for any required repairs; as per condition 3 prior to any repairs submit detailed schedule of works for the approval of the LPA

insulation will thicken the wall buildup, by nominally 170mm, affecting the detailing i.e. the weatherboarding will now sit proud of the plinth

carefully remove the timber weather boarding and set aside for reuse

- wall plate
- brick band above cant brick over clad with wood fibre
- close all cavities behind the cladding with insect mesh
- code 4 lead flashing over cant brick
- the plinth has been previously repointed in cement, any repointing to be strictly in lime
- flint plinth to remain exposed externally and internally

all installed as manufacturer's recommendations and instructions

### yard

### Ty-Mawr sublime insulated limecrete floor system

- at an early stage undertake test pit to determine existing floor depth and foundation depth
- dig out existing concrete floors excavate, removing waste as work proceeds, and level ground
- floor finish such as Cambridshire Brick & Tile Company floor bricks
- min. 100mm Ty-Mawr lime slab
- geotextile & geogrid
- compacted Glapor SG600 recycled foam glass gravel, allow depth of 300mm, to achieve u-value 0.18W/(m²K)
- cut back concrete slab away from building perimeter & provide land drain
- geotextile
- compacted clay with lawn over (shingle, paving and flower beds not recommended)
- care to be taken not to disturb shallow footings
- 20-50mm graded stone, well compacted in 150mm layers
- perforated land drain wrapped in geotextile, laid to fall into surface water / soakaway inc frequent rodding points & silt buckets
- land drain fully enclosed and covered with geotextile to prevent clogging with soil / silt
- provide land drain to entire exposed perimeter
- indicative footings
- subsoil

assumption that generally proposed floor levels are to match existing floor levels

lime slab

recycled foam glass gravel insulation

subsoil

n.b batter to be maintained to ensure walls are not undermined, digging at 45° if shallow footings are found to avoid disturbing the base of the wall/ foundations

number	revision	description
b	07.03.24	revised planning issue
a	13.02.24	building control issue
-	09.01.24	building control issue

project  
**Barn at Button's Green Farmhouse Cockfield, IP30 0JF**

drawing  
**detailed section**

scale  
**1:10 @ A1 unless stated**

date  
**Dec 23**

number/revision  
**2355.03b**

drawn  
**CG**

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