



Outlook

Barn Construction, Plumb Pudding Barn.

From Paul Bennett <[REDACTED]>

Date Fri 04/12/2020 12:03

To Richard Stefanski <[REDACTED]>

04/12/20

Dear Richard

Further to our discussion regarding the method of construction of the barn, I am pleased to confirm the following information.

All footings are trench fill to surface, W 0.6m, D 1.0m from surface.

There is an additional central (spine) trench running down the length of the building W 0.6m x D 1.0m.

Cavity concrete blockwork was formed to the outer perimeters, with a cavity between the inner and the out skin below DPC of 100mm (awaiting an inner skin in the future).

There is no inner skin within the barn, from the DPC up.

Outer skin, consists of a single skin of face brickwork from external ground level to a height of 650mm, with a DPC @ 0.3 from external ground level.

From the top of the face brickwork, there is a stud wall formed 125mm x 50mm with studs set at every 0.5 (please see attached structural engineers details) 1.650m to roof plate.

Roof plate and rafter detail are as per the attached structural engineers details i.e. 200mm x 50mm rafter at 300mm centres

The stud wall has a breather membrane stapled to the outer face, with 25mm x 50mm treated batten, screwed to the stud uprights.

The outer finish is 240mm by 25mm to 10mm feather edge Oak boarding, nailed to the horizontal studs using 65mm galvanised nails.

Roof detail, is as per the structural engineers details,

Roof finish consists of two layers of breathable membrane, with 25mm x 50mm treated batten for the fixing of natural 20" x 10" slate, with the ridge finished using a clay half round ridge.

The inner support for the roof is a purpose designed goal post system (please see the structural engineers details).

Photographs and structural engineers calculations will follow under separate cover.

Please let me know if you require any further information.

Kind regards Paul

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