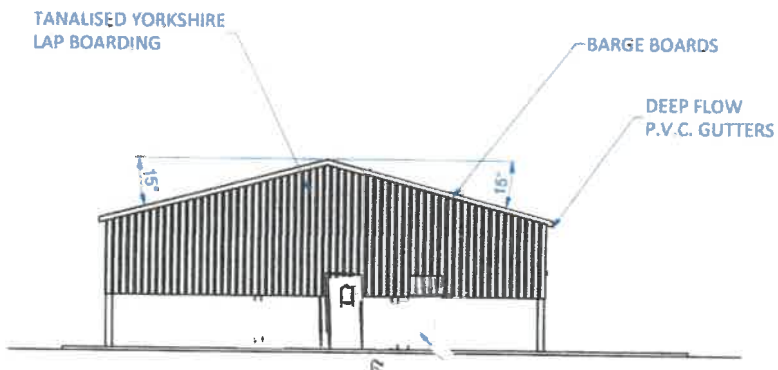
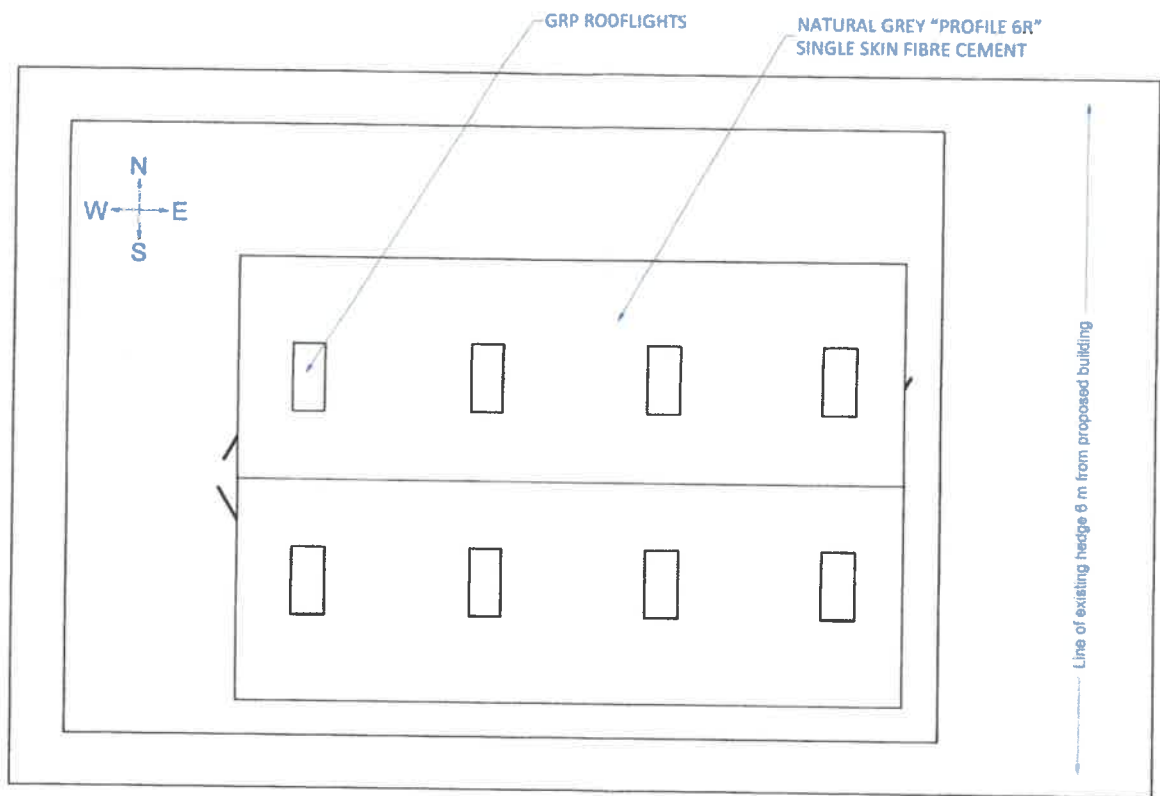
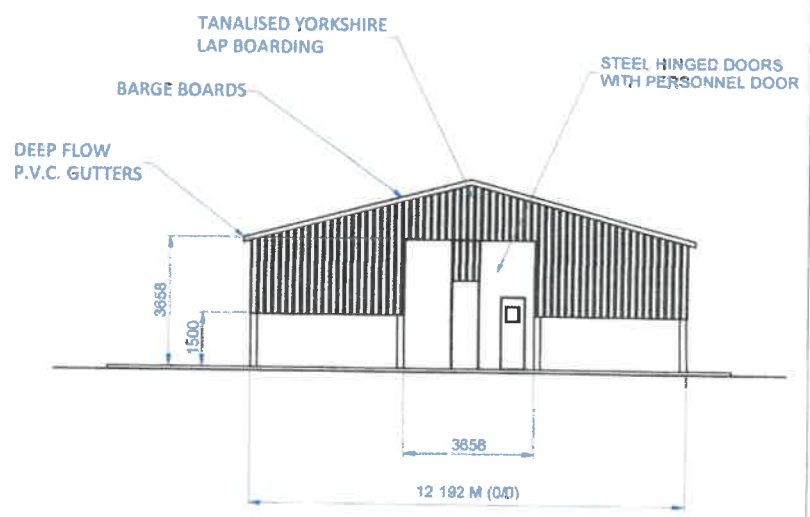


VIEW ON SIDE ELEVATION

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VIEW B ON GABLE END



VIEW C ON GABLE END

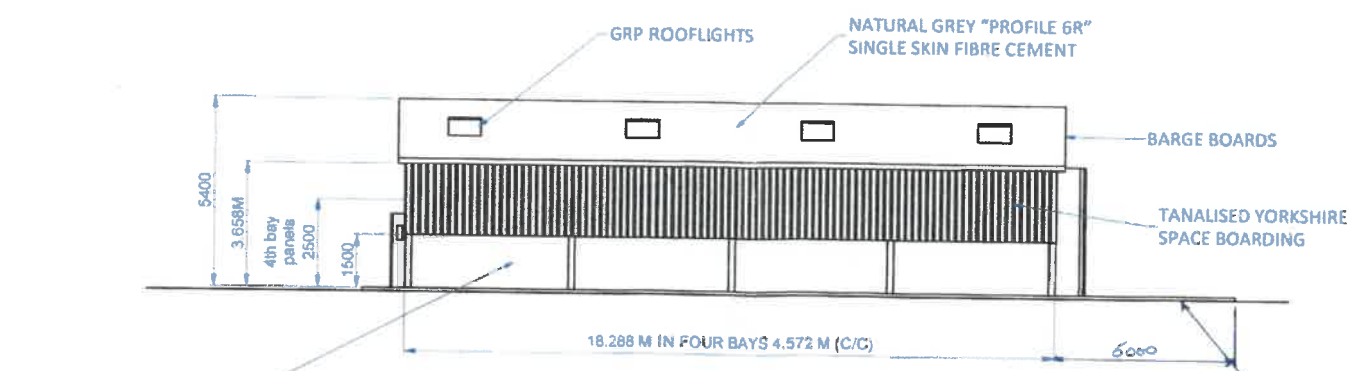
Proposed new agricultural building at Eaves Hall Farm, Moor Lane Clitheroe
 Proposal for portal framed building designed to the agricultural specification B.S. 5502 Class 2 (EN 1090 execution class), building will be manufactured according to the 5th edition version of CE marking of national structural steel specification for building construction.

Size: 60ft (18 288M) long in four 15ft (4.572m) bays (centre to centre of steel) x 40ft (12 192m) wide (outside to outside of steel) x 12ft (3.658m) high to the eaves, ie from the top of the wallplate to finished floor level. 15 degree roof pitch.

Made as follows:

185

- Pillars:** 203mm x 133mm x 25kg U.B. Pillars, with base plates and holding down bolts (four per pillar), allowing the pillars 0.305m below finished floor level.
- Rafters:** 203mm x 133mm x 25kg U.B. portal rafters with a 1.097m bottom haunch and a 0.m top haunch, 80mm x 80mm R.S.S. iron cleats will be welded on to the top flange to accept timber purlins.
- Roof and side bracing:** 88.9mm 3.0mm C.H.S. windbraces in one end bay of the roof and 88.9mm x 3.0mm C.H.S. windbraces in one end bay of each long side.
- Gable end/intermediate pillar:** One gable end and one intermediate portal of the building to have two 178mm x 102mm x 19 kg U.B. gable pillars, the other gable end to have one 178mm x 102mm x 19kg U.B. gable end pillar, all with base plates and holding down bolts (four per pillar), allowing the pillars 0.305m below finished floor level.
- Door openings:** On gable end of the building to have a 3.658m x 3.658m high door opening formed by two of the above mentioned gable pillars.
- Paint specification:** All steelwork will be cleaned and painted with a minimum 75 microns of P11 'protect vinyl' to IS) 12944-2.
- Roof purlin specification:** Two lines of 175mm x 75mm tantalised timber roof purlins and two lines of 225mm x 75mm tantalised timber wallplates.
- Roof cladding specification:** The roof to be clad in Natural Grey 'Profile 6' single skin fibre cement with sixteen 1.5m long G.R.P. 'roof lights', closed ridge and barge board.
- Gutter specification:** Each long side of the building to have a 125mm 'deep flo' gutter complete with two number 68mm p.v.c. downpipes on each side.
- Vertical cladding specification:** Each gable end and each long side of the building (less the above mentioned door opening) to be clad down vertically 2.308m below the eaves level in 150mm x 25mm tantalised spaced Yorkshire boarding fixed to horizontal 125mm x 75mm tantalised timber cladding rails.
- Foundations:** Each main pillar to stand on a mass concrete pad foundation with holding bolts cast into the concrete base



VIEW ON SIDE ELEVATION

AREA OF WORK STANDING