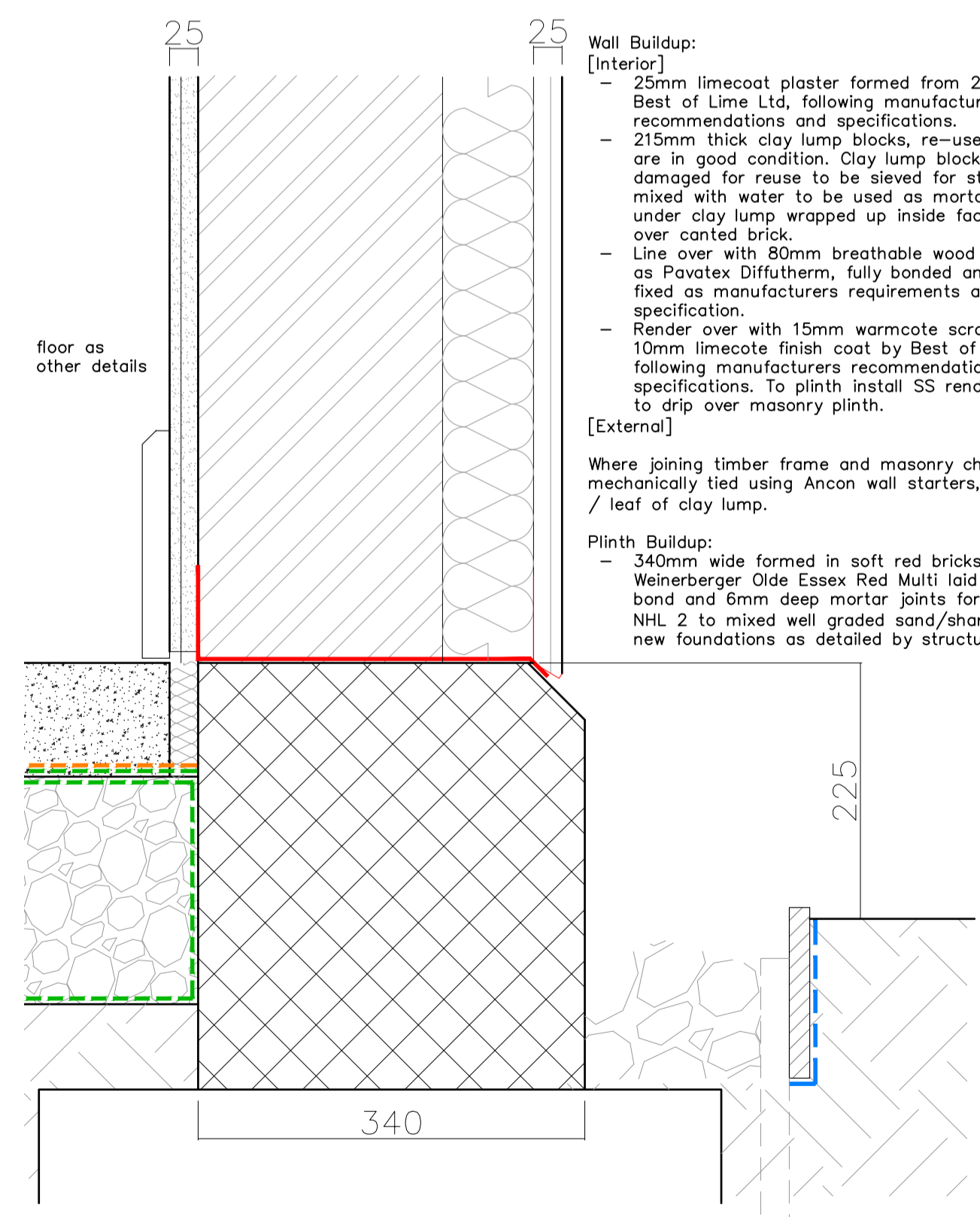


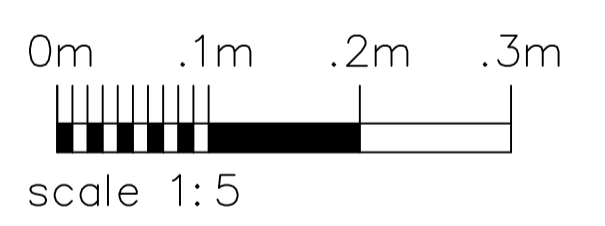
- Roof Construction:**
- [External]
 - Lincoln clay pantiles in antique with 100mm lap
 - 38X50mm treated sw battens
 - 50X50mm treated sw counter battens
 - TLX Gold (GREEN LINE) draped between 50mm batten, forming 10mm void to OSB3, at eaves dressed over black uPVC eaves carrier, feeding into gutter. Form packing fillet to ensure membrane falls supported into gutter, to allow no potential pooling of water prior to gutter within roof buildup.
 - 9mm OSB3
 - Rafters as structural engineers drawings with Celotex GA4000 tightly packed, fully filled between all timbers.
 - Visqueen Vapor check taped at all joints with Visqueen Vapour check tape (RED LINE)
 - 12.5mm Gyproc Wallboard
 - Skim finish
- Eaves:**
- Lap breather membrane over black uPVC eaves carrier dressed into gutter
 - New Alumasc cast aluminium heritage gutter and downpipe, feeding into new surface water soakaway
 - Tilting fillet to last tile, ensuring angles do not create any standing water
 - rafter feet to be exposed as existing clay lump range
- Abutment:**
- Form new bearer plate fixed to existing frame of house, to be specified by structural engineer.
 - roof joists / plate / gable / chimney connections all as structural engineers
 - Valley TBC
- Rainwater:**
- New Alumasc cast aluminium heritage gutter and downpipe, with shoe to base directing away from building and feeding into new gully feeding into new surface water soakaway.
- Verge:**
- install new 200mm barge board to verges profiled as elevations with oak capping pieces to pan tiles.
- New structure meeting existing:**
- Where new clay lump / masonry meets existing walls install extension profiles to form movement joint at new-existing interface. Simpson strong tie CJCOWS crack control wall starters or equivalent.
 - Between all new and old structure install continuous strips of DPC.

Proposed eaves construction to clay lump elements



- Wall Buildup:**
- [Interior]
 - 25mm limecoat plaster formed from 2no coats, by Best of Lime Ltd, following manufacturers recommendations and specifications.
 - 25mm thick clay lump blocks, re-used where blocks are in good condition. Clay lump block that are too damaged for reuse to be sieved for stones and mixed with water to be used as mortar. Install DPC under clay lump wrapped up inside face and dressed over canted brick.
 - Line over with 80mm breathable wood fibre insulation as Povatex Diffutherm, fully bonded and mechanically fixed as manufacturers requirements and specification.
 - Render over with 15mm warmcote scratch coat with 10mm limecote finish coat by Best of Lime Ltd, following manufacturers recommendations and specifications. To plinth install SS render drip bead to drip over masonry plinth.
 - [External]
 - Where joining timber frame and masonry chimney to be mechanically tied using Ancon wall starters, 2no channels / leaf of clay lump.
- Plinth Buildup:**
- 340mm wide formed in soft red bricks as Weiberberger Olde Essex Red Multi laid in Flemish bond and 6mm deep mortar joints formed from 1:3, NHL 2 to mixed well graded sand/sharp. Built off of new foundations as detailed by structural engineer.

Proposed floor and wall construction to clay lump elements



revision	description	date

Client:
Ms S Bagnall

Job Title:
The Royal Oak, Monk Soham

Drawing Title:
Clay Lump Construction Details

Scale: 1:5 Drawn By: **JM** Date: **October 2021**

Job Number: **6350** Drawing Number: **19** Status: **Preliminary**



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NOTE:
 Do not scale from this drawing. Confirm all dimensions on site. Refer any discrepancies to the Architect before work is put in hand. Read this drawing in conjunction with the relevant sections of the specification, schedule of works and other drawings.

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