Note: cill and head heights of windows and external doors to be confirmed once stone coursing details have been agreed

blue clay socketed ridge tiles to match extg

200x32 s/w ridge board

roof constr: reclaimed Staffs blue plain clay tiles on tanalised battens on type 1F sarking felt on 150x50 S16 rafters at 450 c/s (see construction notes for ventilation to felt)

roof insulation: 100 PIR between rafters and 50 PIR below rafters; Duplex plasterboard & skim to ceilings

33°

ceiling construction: 12.5 Duplex plasterboard and skim on 100x50 ceiling joists at 450 c/s,fixed to rafters: 200x50 central binder with 100x50 hangers at max 2.4m c/s: 2 layers 150 Knauff Eartwool loft roll above ceiling

lightweight
cavity insula
wall as sho

rafters birdsnosed over 100x50 s/w wallplate

either m/s angle or pcc lintol to SE spec

see opposite for eaves detail

2450

32 MDF cill board

first floor constr: flooring grade chipboard on 150x50 S16 floor joists at 450 c/s with plasterboard ceiling below; 2 rows of strutting to joists with 100 sound insulation quilt between joists

cavity tray above steel lintol

m/s angle relieving lintol above stone lintol to SE spec

stone lintol

oak beam with stopped chamfers

pcc lintol to SE spec

proprietary insulated cavity closers around all external openings

external wall constr: 100 stone external leaf, 125 cavity fully-filled with Knauf Earthwool Dritherm 37 and 100 aerated conc block (Celcon Solar or equivalent with max k-value of 0.11 W/mK) inner leaf

dot and dab internal wall finish

min 50 perimeter insulation to screed

cavity insulation carried down a min 150 below top of slab

lightweight blockwork carried down to 450 below ffl

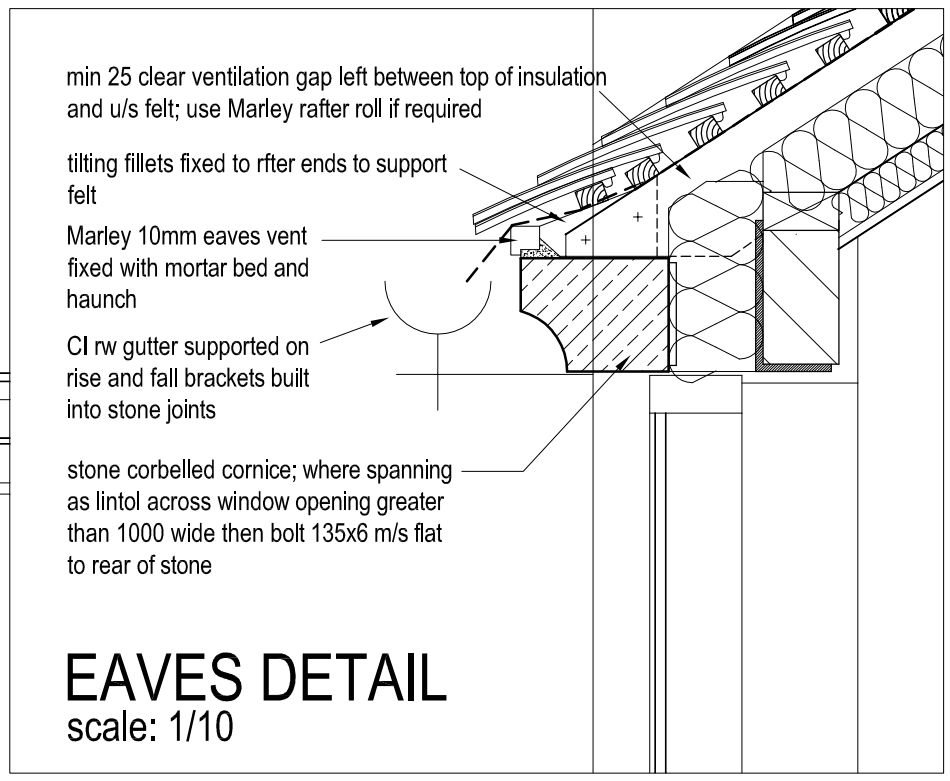
dpcs to both leaves with dpm lapped up amd under inner leaf dpc

ground floor constr: nom 50 zone for finishes, 70 screed on separating membrane on 100 PIR insulation on 1200 guage visqueen dpm on 100 conc slab on 150 compacted hardcore

finished ground floor level to be set out from existing floor level at junction with extg house

footings constructed either with cavity blockwork and conc cavity fill or trench blocks to suit or mass conc

600x200 conc footings at min 900 below ground level or as agreed with BI



EAVES DETAIL
scale: 1/10

SECTION A-A
0 1m

job Heaton Low Farm, Heaton Extension and Alterations

title Section A-A

date 01.07.20 | scale 1/20 @ A3 | dwg. no. HLF-101 | rev. P1

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