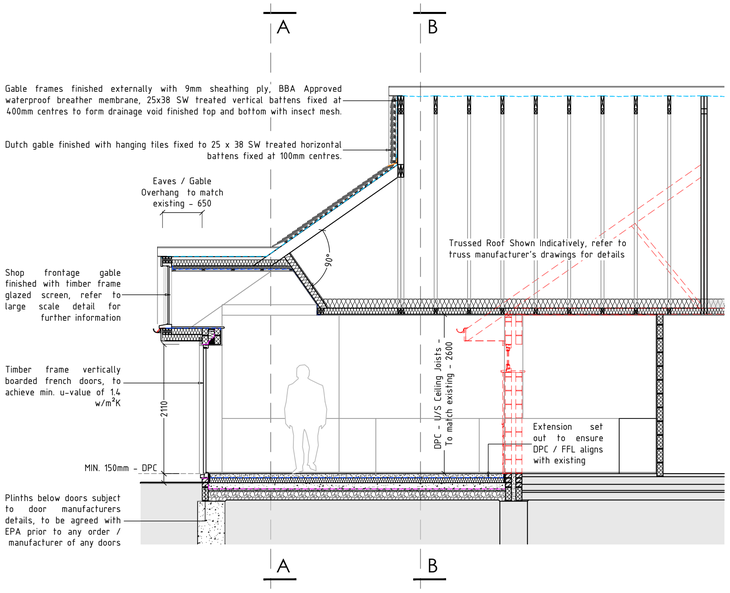
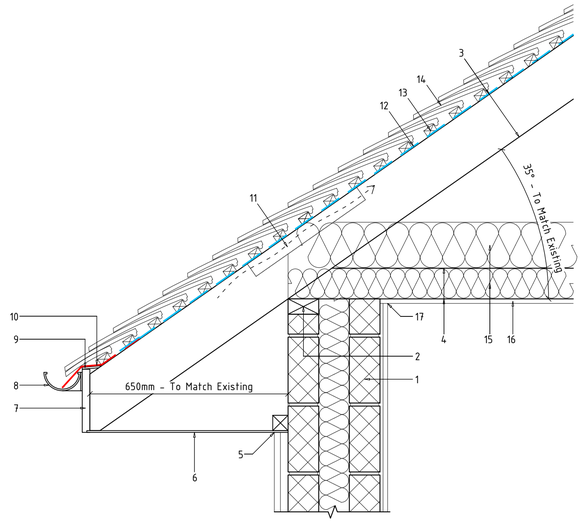
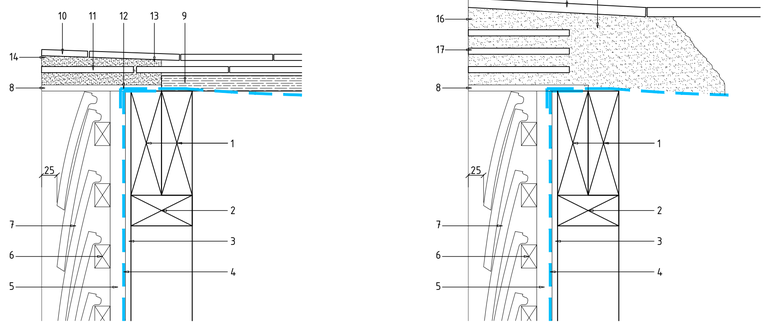


Section C-C 1:50



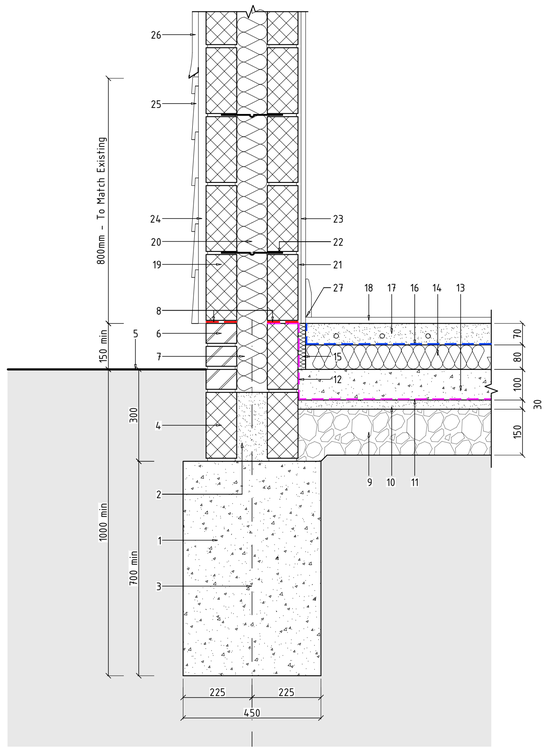
Eaves Construction Detail 1:10

1. External wall construction, refer to separate detail for information
2. 47X100C16 Wallplate to outer leaf of cavity wall to be tied down with 30 x 5 galvanised M.S. restraint straps at max 1600mm centres plugged and screwed to inner wall face (minimum 3No fixings to wall with 50mm long No10 screws).
3. Rafters - See structural drawings / roof truss manufacturers details for information
4. Ceiling Joists - See structural drawings / roof truss manufacturers details for information
5. External render finish to abut soffit, finish abutment with external grade sealant
6. 9mm Thick WBP ply soffit fixed to underside of rafter ends and through 50x50 SW horizontal fixing batten fixed to external wall - Soffit painted green to match existing
7. 22mm Thick PAR fascia fixed to rafter ends, painted green to match existing
8. 110Ø Half round black uPVC gutters to match existing fixed to fascia via black uPVC gutter brackets
9. 9mm Thick WBP ply tiling fillet fixed to top of fascia and rafter ends to form drip into gutters
10. 300mm wide strip of 1200 gauge DPC to form eaves carrier tray - Roofing membrane to be suitably lapped over in accordance with manufacturer's instructions
11. Proprietary eaves ventilation tray to maintain minimum 50mm ventilation void below breather membrane
12. BBA Approved waterproof breather roofing membrane fixed to top of rafters in accordance with the manufacturers instructions
13. Roof tiles to be fixed to 25X38SW treated tiling battens at 100 centres fixed to rafters through roofing membrane
14. Roof to be finished with plain clay tiles to match existing
15. Insulate between ceiling joists with 100mm mineral wool insulation min 0.044w/mK, with a further 150mm over the top laid in opposite direction to previous layer to achieve 250mm o/a thickness.
16. Finish underside of ceiling with 12.5mm plasterboard fixed to underside of ceiling joists, finished with a smooth plaster skim.
17. Before decoration seal around all joints / corners with clear sealant to minimise air leakage.



1. Dutch Gable Girder Truss - See structural drawings / Roof truss manufacturers details for information
2. Gable timber wall to be constructed with 47X100C16 vertical studs at 400crs fixed to girder truss frame
3. 9mm WBP Ply fixed to external face of studs and girder truss with 65X3.35Ø gauge 10 nails at 150crs to edges and 300crs internally
4. BBA Approved waterproof breather membrane fixed to manufacturers recommendations - to be suitably lapped under roofing membrane
5. 25 x 38 SW Treated vertical battens at 400 horizontal centres to form drainage void, finish open edges top and bottom with insect mesh
6. 25X38SW treated horizontal tiling battens at 100 centres fixed to gable timber frame through roofing membrane
7. Dutch gable finished plain clay tiles to match existing
8. Fibre cement undercloak to match existing over roofing membrane bedded with mortar, to form min. 25mm overhang over gable wall cladding
9. Tiling battens to have 50mm bearing on girder truss
10. Half Tile
11. Standard Tile
12. Lap roofing membrane over wall membrane
13. Mortar pointing taken back to here
14. Mortar pointed soon as verge is bedded
15. Last ridge tile tilted up
16. Flush Mortar pointing to match existing
17. Creasing Tile slips
18. Ridge bedding carried back to here

Dutch Gable Verge & Ridge Detail 1-5



Ground & External Wall Construction Detail 1:10

1. 450mm wide, GEN3 mix Trench fill foundations 1m min deep from existing or reduced ground level. Final foundations depths to be agreed on site with building inspector.
2. Lean mix fill to cavity, 225mm below lowest DPC
3. Centreline of footing taken on centreline of cavity
4. Dense concrete foundation blocks below DPC, min density 1500kg/m³
5. External ground level varies, DPC set min. 150mm above external ground level
6. Brickwork below DPC to be FL Quality to BS 3921
7. Wall insulation to be extended down to lap with floor insulation
8. 2000 Gauge DPC to BS 743 set 150mm min above finished ground level
9. 150mm Crushed Well compacted hardcore
10. 30mm sand Blinding
11. 1200 gauge polythene membrane laid over blinding
12. Lap polythene membrane with DPC
13. 100mm thick GEN3 mix concrete ground bearing slab
14. 80mm PIR Insulation, min 0,022w/mK
15. 25mm thick PIR Insulation, min 0.022w/mK, upstands to all floor perimeters
16. 1000 gauge vapour control layer laid over insulation, turned up at abutment to external walls
17. 70mm Sand / Cement screed reinforced with D49 steel mesh fabric, 25mm cover to top (or use fibre reinforced screed. floor finish over to clients requirements
18. Floor finishes to clients requirements
19. 100mm thick block - density suitable for cladding application
20. 100mm Cavity Incorporating 100mm cavity wall batts, such as Knauf Earthwool Dritherm32 or similar, min. 0.032 W/mK. Use insulated cavity closers to window and doors jambs and cills
21. 100mm thick Blockwork to inner leaf, min 0.15W/mK - strength to engineers requirements
22. Stainless steel twisted wall ties to BS 1243 spaced at 750 centres horizontally and 450mm centres vertically in a staggered pattern. Spacing increased to 225mm centres vertically at all openings. Ties to be bedded a minimum of 50mm into each leaf.
23. 12.5mm plasterboard, min density 8Kg/m³ finished with a plaster skim before decoration Plasterboard fixed to wall on Plaster Dabs
24. Fix 25 x 38 SW treated vertical battens to ply at 600mm centres to form drainage void, finish open edges with insect mesh
25. Horizontal timber weatherboarding fixed to vertical battens painted green to match existing
26. Galvanised steel EML backed with building paper to be fixed to vertical battens, finished with 20mm thick 3 coat sand / cement render with a smooth painted finish, use galvanised steel angles beads at corners and render stop at lower bell cast edge.
27. Seal around all perimeter joints with clear silicone sealant to minimise air leakage

Notes :-

1. All Edward Parsley Associates drawings to be read in conjunction with all relevant calculation sheets.
2. Figured dimensions to be taken in preference to scaled dimensions. No scaled dimensions are to be used for setting out or ordering of materials
3. Contractor is responsible for checking all dimensions and site setting out. Any discrepancies to be reported to Edward Parsley Associates before work commences and or materials are ordered.
4. Any works carried out before Building Regulations approval is obtained are carried out at your own risk. Client / contractor is to ensure all necessary statutory approvals (planing permission / planning conditions) are in place before commencing work on site.
5. Drawings to be read in conjunction with approved planning drawings and no work is to commence on site until all planning conditions are approved.
6. Client is responsible for ensuring all steps are taken to comply with the Party Wall Etc Act 1996 when working near / on boundary lines and separating walls.
7. If in doubt please ask.

Scale at 1-100 0 1 2 3 4 5m

Scale at 1-50 0 1 2 3 4 5 6 7 8 9 10m

PRELIMINARY

SUBJECT TO BUILDING REGULATIONS APPROVAL

rev	Description	by	date
A	Removed underfloor heating spec.	CD	19.1.22

Address

Gosfield Pavilion, Gosfield Road, Gosfield, Essex, CO9 1TL

Description

Proposed pavilion extension - Section C-C & Construction Details

Edward Parsley Associates

ARCHITECTURE - STRUCTURAL ENGINEERING

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Date	Drawn By	Status
OCT 2021	CD	REGS
Scale / Paper: 1:50, 1:5 & A:10 @ A1		

Project	Drawing No	Revision
11665	R-03	A