

DETAIL B: DORMER MONO PITCHED ROOF VERGE

DORMER CHEEK PLAN VIEW

1. Marley Modern Interlocking concrete tile roof covering laid in accordance with manufacturer's recommendations.
2. Minimum 38 x 25mm treated tiling batten to tile manufacturer's recommendations.
3. 38mm counter batten at centres to align with rafters.
4. Kingspan Nilvent or similar approved breather membrane.
5. Pitched roof insulation: Kingspan Kooltherm K7: 60mm continuous layer over rafter, 60mm layer between rafters.
6. Rainwater goods to Contractor's design. Submit proposals for the approval of the Employer.
7. Painted softwood eaves/ soffit.
8. 12.5mm Gyproc Wallboard or similar approved plasterboard with skim finish, fixed to blockwork inner leaf using 'dot & dab' method in accordance with manufacturer's recommendations.
9. 38mm batten to support between-rafter insulation and provide void for services.
10. 12.5mm Gyproc Wallboard or similar approved plasterboard with skim finish, mechanically fixed to rafters.
11. 75 x 100mm timber wall plate.
12. Facing brickwork outer leaf above DPC: 65mm lbstock 0382 Tradesman Light.
13. Full fill cavity insulation: 125mm Rockwool Cavity batts.
14. Masonry inner leaf: 100mm dense aggregate concrete blockwork.
15. Visqueen High Performance DPM (or similar approved) below insulation.
16. 150mm square section profile skirting board.
17. Visqueen Zedex CPT High Performance DPC continuous to inner leaf and outer leaf of the masonry cavity wall.
18. Ensure DPM is continuously fully lapped under DPC at inner leaf.
19. Perimeter insulation: 30mm Kingspan Kooltherm K103.
20. 25mm finishes zone.
21. 90mm cement screed to Contractor's design.
22. Ground floor insulation below screed: 60mm Kingspan Kooltherm K103 with 1000 gauge polythene separation layer over, all laid in accordance with manufacturer's recommendations.
23. Suspended block and beam ground floor to Structural Engineer's detail.
24. Ventilation to below ground cavity to Contractor's design.
25. Concrete fill to base of cavity.
26. Ground beams and pile foundations to Structural Engineer's detail.
27. Lintel to Structural Engineer's detail with cavity closer and weep holes to Contractor's design.
28. Powder coated aluminium framed double-glazed casement clerestory window to specialist detail.
29. Plasterboard with skim finish to window reveals.
30. 200 x 50mm timber rafters to Structural Engineer's detail.
31. Powder coated aluminium framed double-glazed sliding/ folding doors to specialist detail. Note level threshold and final escape requirements.
32. Square section profile window board.
33. Note screed/ insulation extension at level threshold (G.D.001).
34. 50 x 150mm ceiling rafter and dormer purlin to Structural Engineer's detail.
35. Return DPM along additional perimeter insulation, additional sheet lapped to DPM under threshold.
36. Use header course if required to adjust sill setting out height to ensure level threshold; refer to sliding/ folding door manufacturer's details.
37. Perimeter trench drainage to suit level threshold to Contractor's design.
38. Paving to terrace area: refer to Employer's landscape proposals.
39. Marley Modern concrete mono ridge tile fixed to manufacturer's recommendations.
40. Timber frame construction to dormer to Contractor's design: 140mm inner leaf studwork with 9mm OSB sheathing and breather membrane, clear 50mm cavity, and facing brickwork outer leaf.
41. Code 5 lead soaker flashing.
42. Trimmer joists to accept dormer timber frame to Structural Engineer's detail.
43. Cavity closer: 125mm twin flange Kingspan Thermabate.
44. Marley Modern concrete duo ridge tile fixed to manufacturer's recommendations.
45. Timber valley board with 4mm plywood lining.
46. Code 5 lead valley flashing.
47. Marley Universal Dry Verge System fixed to manufacturer's instructions.
48. Brickwork below DPC: 65mm lbstock Staffordshire Blue Brindle S2/F2 clay bricks.
49. Expose existing masonry wall, remove existing surface finishes. Cleaning method to Contractor's design.
50. Ridge beam and rafter connection to Structural Engineer's detail.
51. Weberend MT (or similar) cement render system over Knauff Aquapanel Exterior cement board and ventilated cavity to Contractor's design.
52. 50 x 75mm plant-on 'rafters' to line thro' with structural rafters, paint finish to match ceiling.

revision	date	description
A	16.03.2020	GROUND FLOOR & ROOF CONSTRUCTION REVISED.
B	24.03.2020	DORMER ROOF PLAN ADDED.
-	16.04.2020	BUILDING REGULATIONS ISSUE.

notes Use only written dimensions. Dimensions are millimetres (mm) unless otherwise stated. All areas are indicative. Contractor to check measurements on site prior to commencement. Notify the Architect of any discrepancies.

This drawing must only be used for the purpose for which it has been supplied.

Do not scale this drawing.

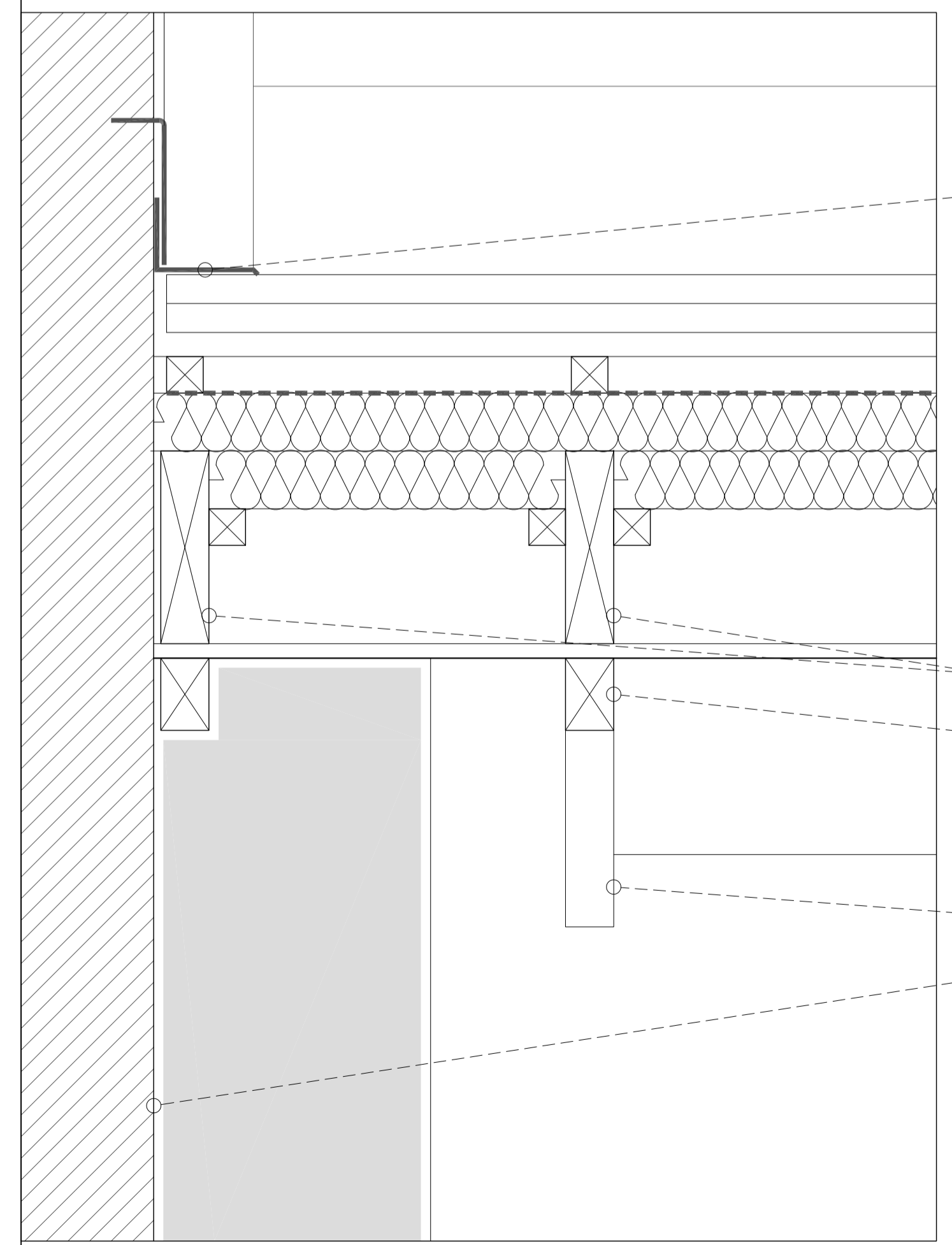
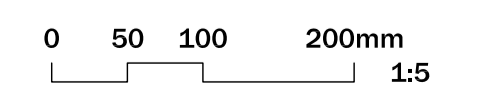
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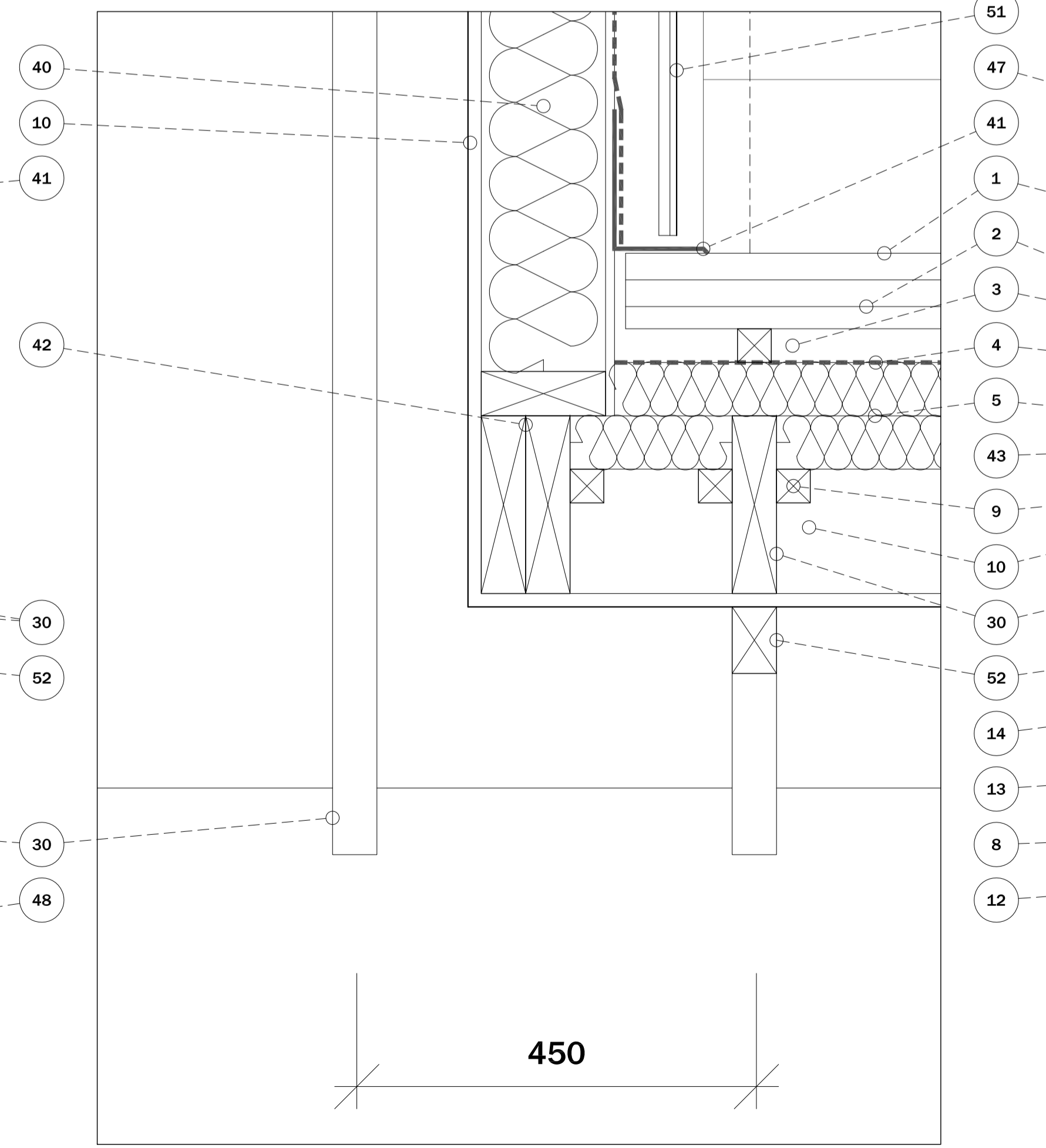
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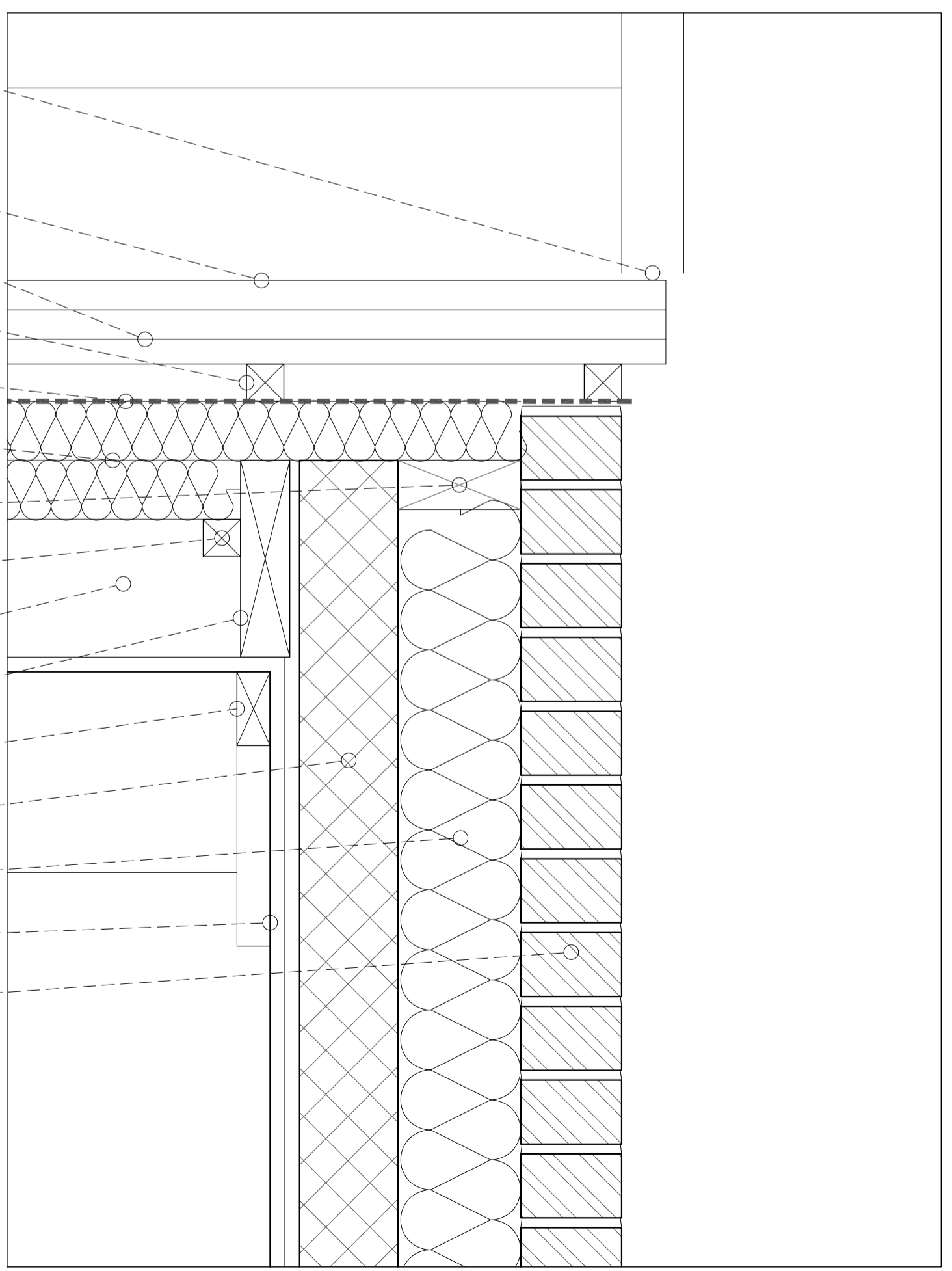
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DETAIL A: PITCHED ROOF ABUTMENT TO EXISTING BUILDING



DETAIL C: DORMER/ MAIN ROOF CONNECTION



DETAIL D: DUO PITCHED ROOF VERGE