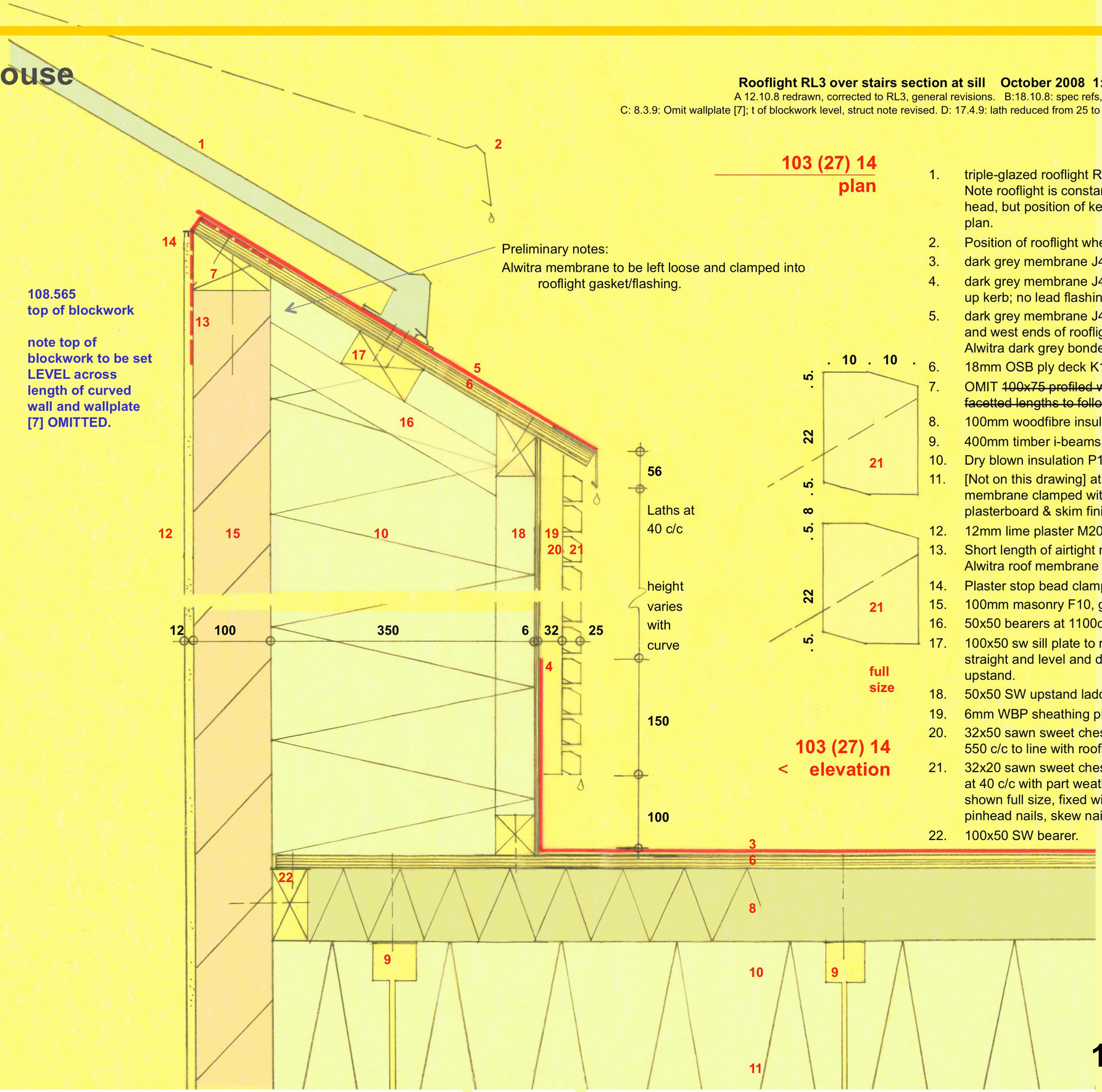
zero carbon house

AS BUILT

Rooflight RL3 over stairs section at sill October 2008 1:5 at A3 103 (27) 10 E

A 12.10.8 redrawn, corrected to RL3, general revisions. B:18.10.8: spec refs, notes re kerb/motor/Alwitra.
C: 8.3.9: Omit wallplate [7]; t of blockwork level, struct note revised. D: 17.4.9: lath reduced from 25 to 20mm. E: 21.9.10: as built.



1. triple-glazed rooflight RL3 at 30 degrees. L11/110. Note rooflight is constant width with level sill and head, but position of kerb upstand varies with curve in plan.
2. Position of rooflight when open.
3. dark grey membrane J42/11, 7^0 roof pitch.
4. dark grey membrane J42/11 bonded 250mm vertically up kerb; no lead flashing required.
5. dark grey membrane J42/11 to top of kerb and at east and west ends of rooflight, 30^0 pitch, to finish with Alwitra dark grey bonded flashing, 56mm on face.
6. 18mm OSB ply deck K11/40.
7. OMIT ~~100x75 profiled wallplate in approx 600mm facetted lengths to follow gently curved wall G20/10.~~
8. 100mm woodfibre insulation board P10/46.
9. 400mm timber i-beams at 600 c/c G20/06.
10. Dry blown insulation P10/06
11. [Not on this drawing] at u/s timber i-beams, airtight membrane clamped with 44x19 sw battens, plasterboard & skim finish.
12. 12mm lime plaster M20/19.
13. Short length of airtight membrane P10/66 sealed to Alwitra roof membrane J42/11 and lime plaster.
14. Plaster stop bead clamps airtight membrane.
15. 100mm masonry F10, gently curved in plan.
16. 50x50 bearers at 1100c/c to carry rooflight sill plate.
17. 100x50 sw sill plate to rooflight: note this is set straight and level and does not follow curve of upstand.
18. 50x50 SW upstand ladder framework at 600 c/c.
19. 6mm WBP sheathing ply.
20. 32x50 sawn sweet chestnut soldiers H21/15 at approx 550 c/c to line with rooflight glazing bars at 1100 c/c.
21. 32x20 sawn sweet chestnut rain screen H21/15 laths at 40 c/c with part weathered top and bottom edges as shown full size, fixed with 50mm stainless steel pinhead nails, skew nailed at 30^0 as full size detail.
22. 100x50 SW bearer.

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