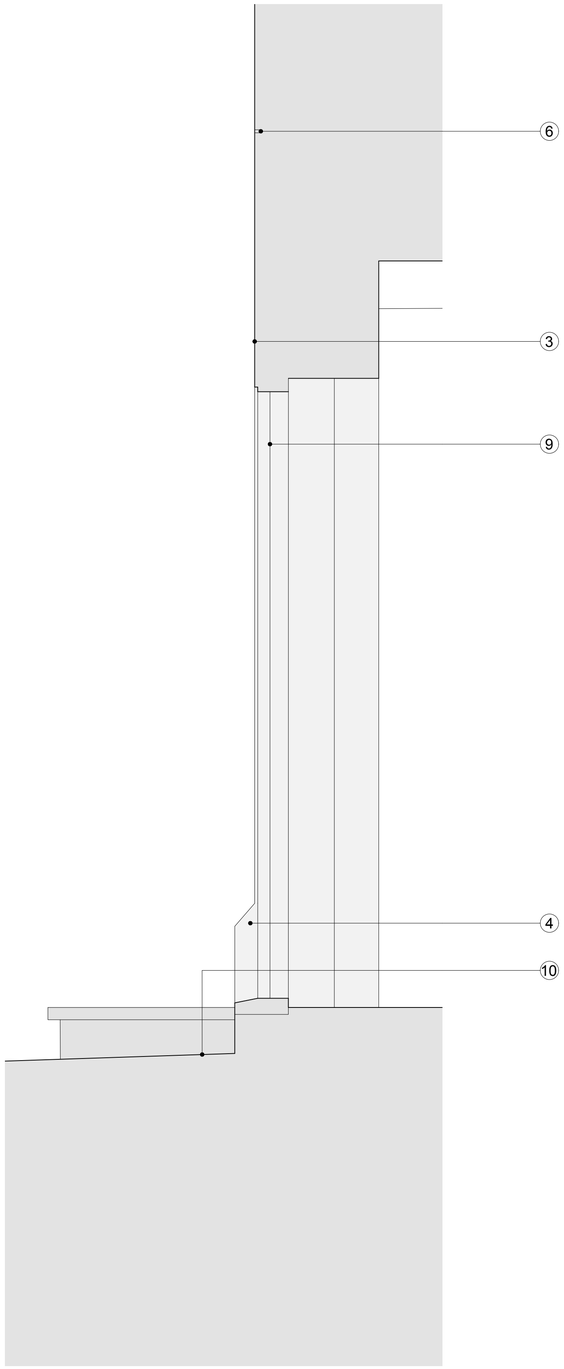
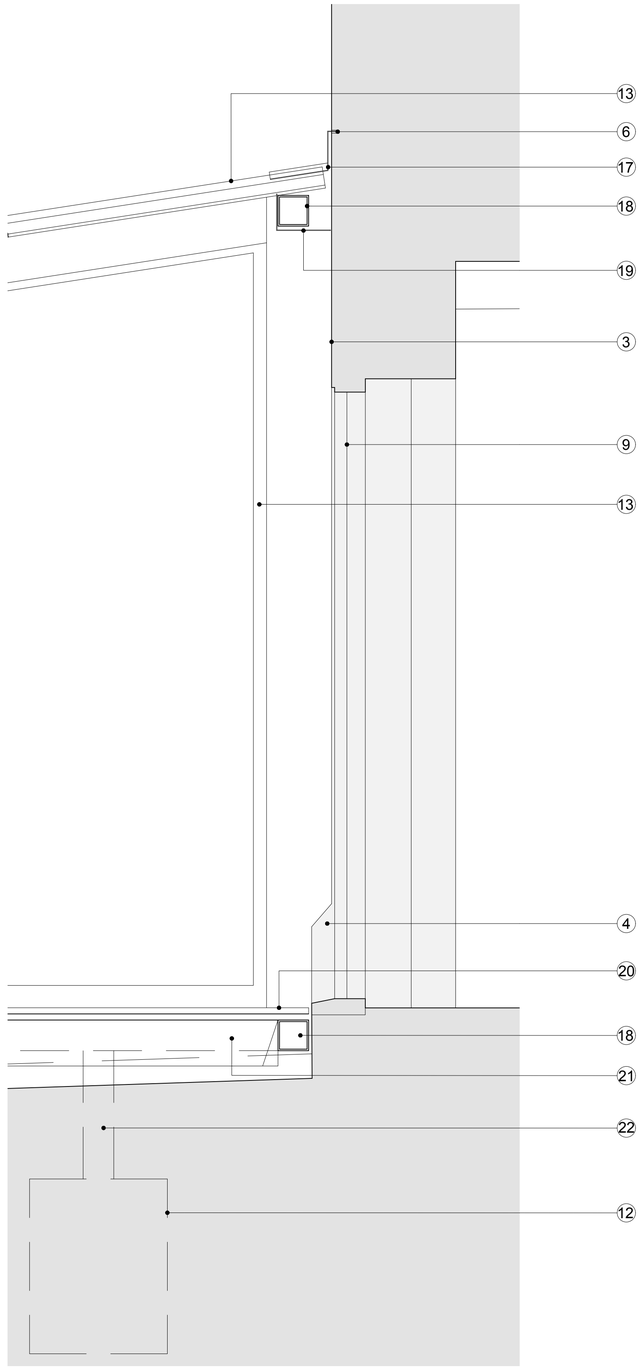
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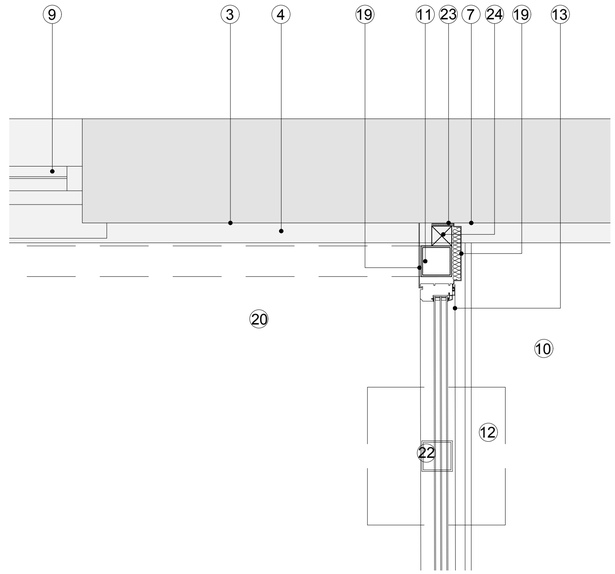
Existing Detail A & B
(Section) 1:10

0 0.25 0.5 0.75
scale in metres 1:10



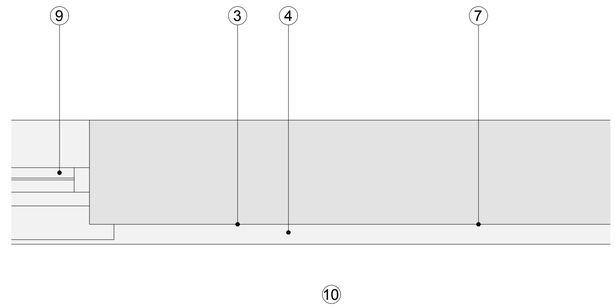
Proposed Detail A & B
(Section) 1:10

0 0.25 0.5 0.75
scale in metres 1:10



Proposed Detail C
(Plan) 1:10

0 0.25 0.5 0.75
scale in metres 1:10



Existing Detail C
(Plan) 1:10

0 0.25 0.5 0.75
scale in metres 1:10

Concept and rationale for replacement conservatory

The proposal is for a replacement conservatory that does not require any works, alteration or fixing to the existing cottage. This rationale has led to a contemporary 'light touch' solution, in contrast to the architecture of the listed cottage.

The conservatory structure is self-supporting and completely independent of the cottage, with new foundation pads (12) being set away from the cottage wall so as not to disturb or apply loads to any substructure or soils at the base of the cottage wall. By supporting the structure on 4 small concrete pad foundations a greater proportion of the existing terrace sub structure can remain undisturbed.

The new galvanised steel structural frame and posts are supported off four concrete pad foundations (12), with the steel framework cantilevered from the steel supports (22) to allow the structural vertical posts (11), floor beam (18) and roof support beam (19) to be positioned close too but not touching the cottage external wall.

Where the previous conservatory roof abutted the cottage wall, a horizontal chase (6) was cut into the brickwork to allow for the insertion of a lead flashing. The proposal is to utilise this existing chase for the insertion of a new powder coated aluminium flashing (17).

The vertical posts (11) are to be clad externally and internally with a purpose made powder coated aluminium cover piece (19) that touches the cottage wall but is not fixed to it. Vertical expanding tape (23) is applied to the timber packing piece and structural post to prevent moisture ingress between the cottage wall and conservatory (the tape expands when wet).

Symbol Key

1. Horsham stone roof tile
2. Clay tile
3. Flemish bond face brickwork with glazed headers
4. Brick plinth
5. Horizontal shiplap timber boarding (black)
6. Horizontal chase (former conservatory flashing)
7. Vertical paint line of former conservatory
8. Face brick and stone of various bonds
9. Single glazed timber framed windows and doors
10. Stone paving slabs
11. Structural post with powder coated aluminium trim
12. Pad foundation
13. Double glazed powder coated aluminium windows with solar coating (NorDan in RAL 6021)
14. Openable roof light
15. Natural render finish
16. Brick steps
17. New flashing tucked into existing horizontal chase
18. Structural beam
19. Powder coated aluminium cover piece (RAL 6021)
20. Tiled floor finish
21. Suspended floor joists
22. Support post
23. Expanding tape
24. Timber packer

client	drawing number	revision
Sally Christian & Ade Belcham	0775.PL.002	_
project	**drawing title**	
Dunstalls Windmill Lane Henfield BN5 9UW	Existing and Proposed Details A, B and C PLANNING	

drawn by	checked by	riba work stage	date	scale/original sheet size
GI	ES	3	Sept '26	1:10 @ A1

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