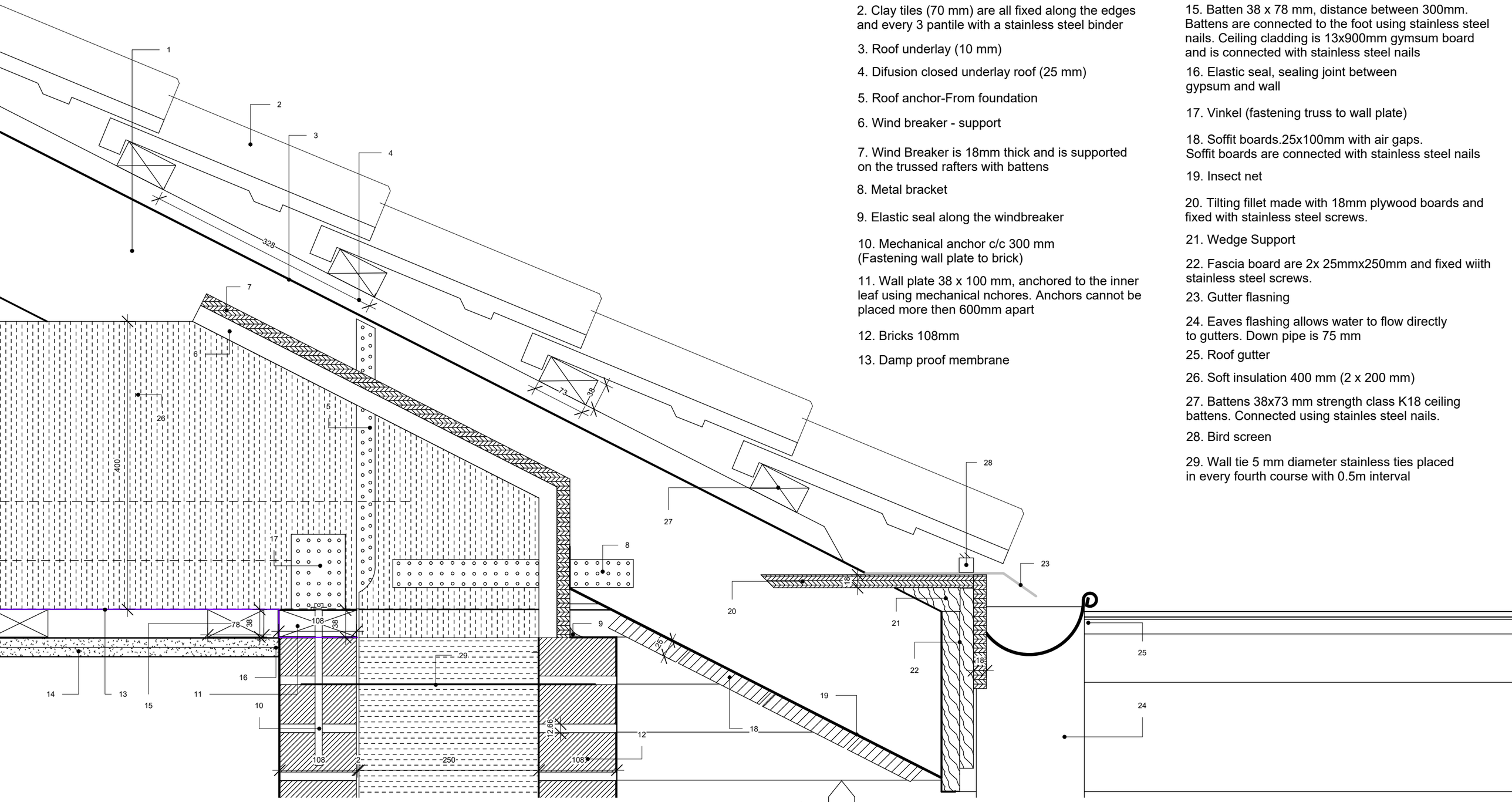
Roof Detail



1. Roof (205 mm)
2. Clay tiles (70 mm) are all fixed along the edges and every 3 pantile with a stainless steel binder
3. Roof underlay (10 mm)
4. Difusion closed underlay roof (25 mm)
5. Roof anchor-From foundation
6. Wind breaker - support
7. Wind Breaker is 18mm thick and is supported on the trussed rafters with battens
8. Metal bracket
9. Elastic seal along the windbreaker
10. Mechanical anchor c/c 300 mm (Fastening wall plate to brick)
11. Wall plate 38 x 100 mm, anchored to the inner leaf using mechanical nchores. Anchors cannot be placed more then 600mm apart
12. Bricks 108mm
13. Damp proof membrane
14. Double layer of 13 mm gypsum (26 mm)
15. Batten 38 x 78 mm, distance between 300mm. Battens are connected to the foot using stainless steel nails. Ceiling cladding is 13x900mm gymsum board and is connected with stainless steel nails
16. Elastic seal, sealing joint between gypsum and wall
17. Vinkel (fastening truss to wall plate)
18. Soffit boards.25x100mm with air gaps. Soffit boards are connected with stainless steel nails
19. Insect net
20. Tilting fillet made with 18mm plywood boards and fixed with stainless steel screws.
21. Wedge Support
22. Fascia board are 2x 25mmx250mm and fixed wiith stainless steel screws.
23. Gutter flasning
24. Eaves flashing allows water to flow directly to gutters. Down pipe is 75 mm
25. Roof gutter
26. Soft insulation 400 mm (2 x 200 mm)
27. Battens 38x73 mm strength class K18 ceiling battens. Connected using stainles steel nails.
28. Bird screen
29. Wall tie 5 mm diameter stainless ties placed in every fourth course with 0.5m interval

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PROJECT: Single family House	DATE: 06/07/22	14
SUBJECT: Building Design (Roof)	SCALE: 1 : 5	
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