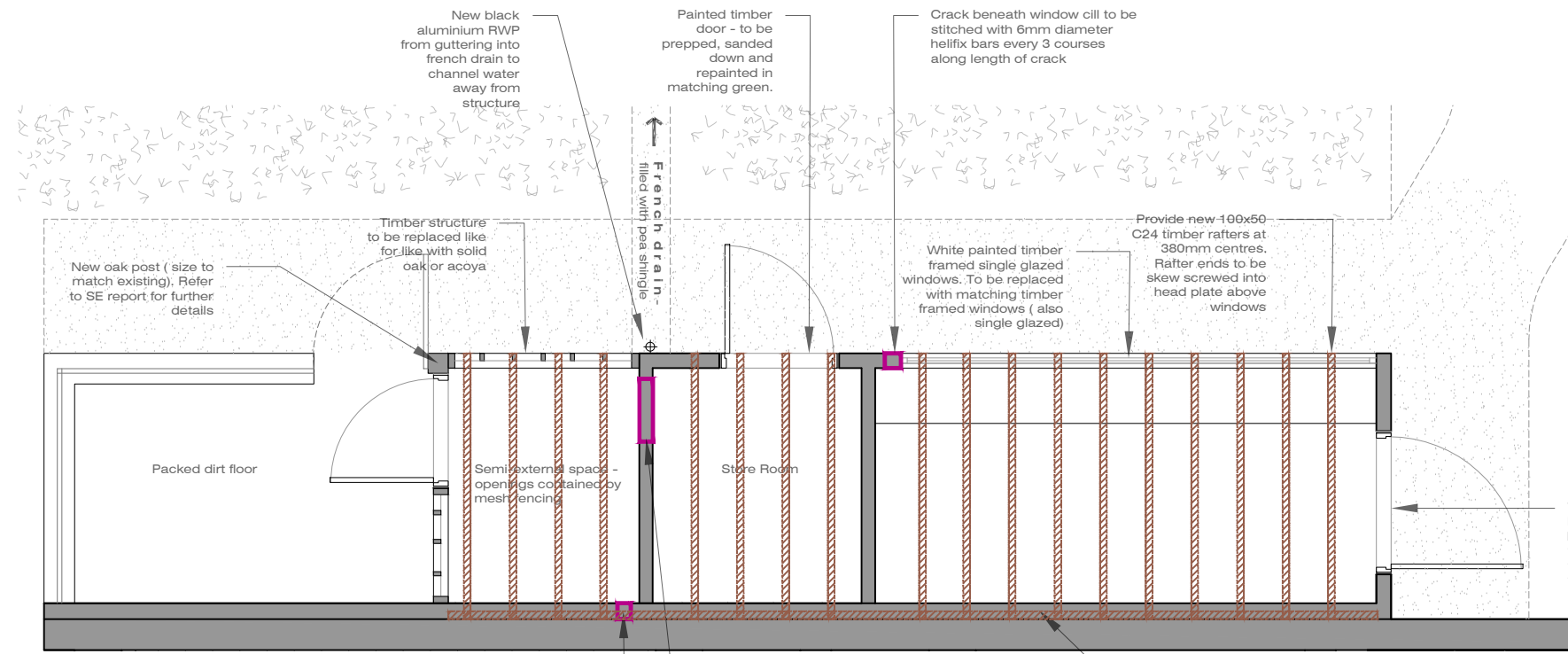


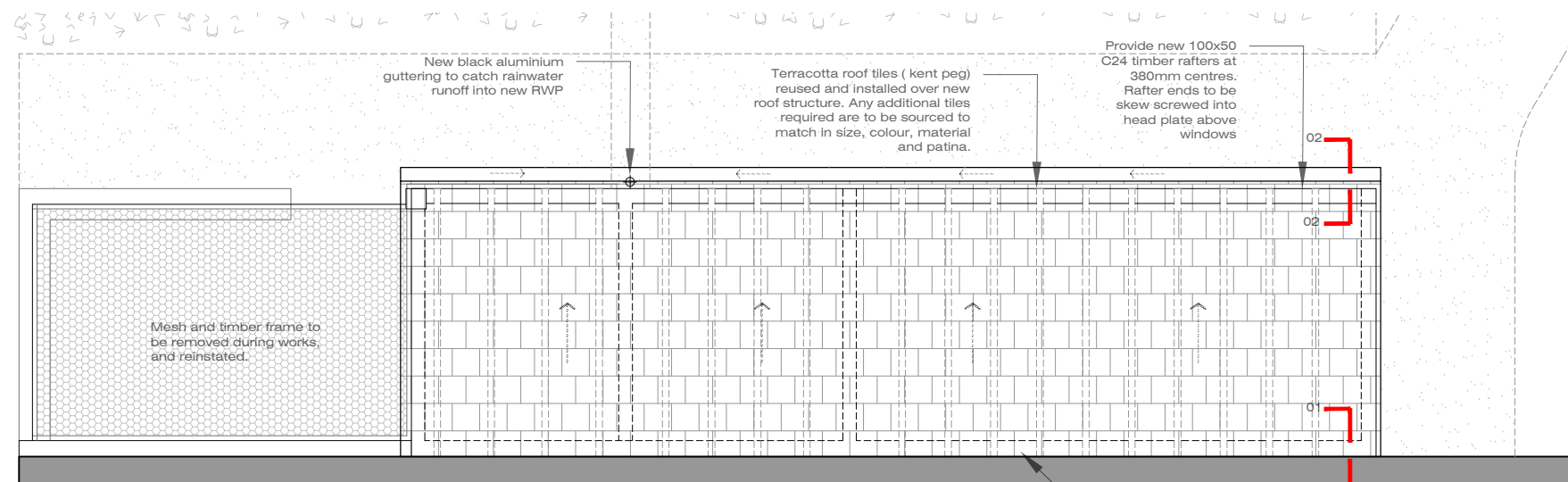


PROPOSED GROUND FLOOR PLAN

Vertical crack approx 9 courses deeps from top - to be stitched with 6mm diameter Helifix bars every third course along length of crack. Open joints to then be repointed in appropriate lime mortar

15mm wide vertical crack from top of wall to ground level. Brickwork to be locally rebuilt around crack - 6mm diameter Helifix bars installed every third course and extending 300mm to each side of crack

New oak wall plate matching in size to replace existing - to be resin fixed to brick wall. Stainless steel bracket to be added to underside of rafters. Refer to SE report for details.



PROPOSED ROOF PLAN

New black aluminium guttering to catch rainwater runoff into new RWP

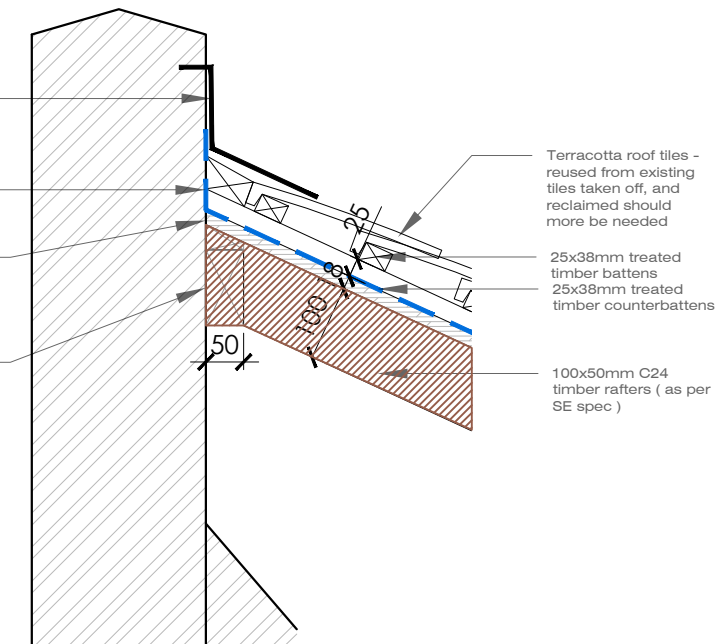
Terracotta roof tiles (kent peg) reused and installed over new roof structure. Any additional tiles required are to be sourced to match in size, colour, material and patina.

Provide new 100x50 C24 timber rafters at 380mm centres. Rafter ends to be skew screwed into head plate above windows

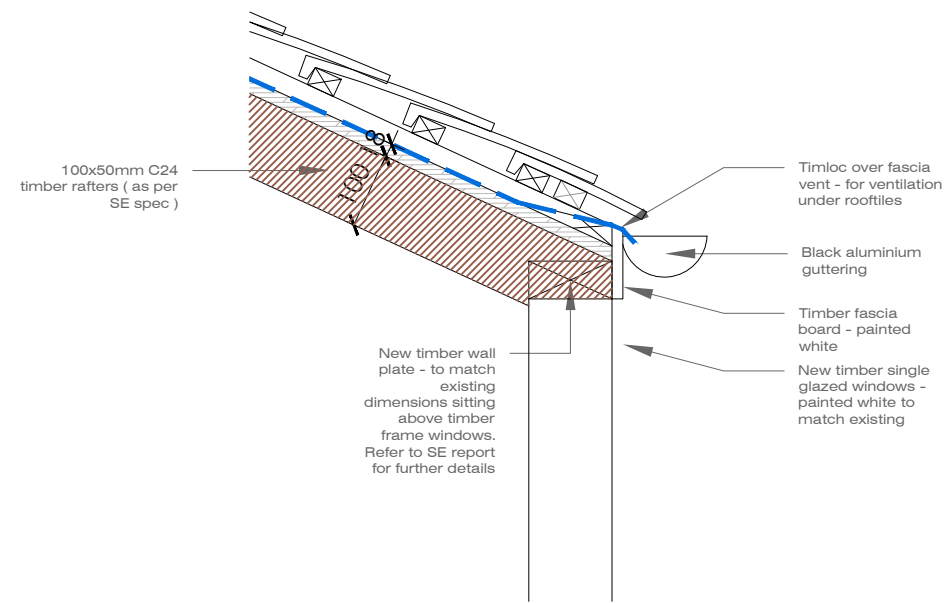
New oak wall plate matching in size to replace existing - to be resin fixed to brick wall. Stainless steel bracket to be added to underside of rafters. Refer to SE report for details.

Code 5 lead flashing chased into the top of the bedjoint, and lapped over waterproof membrane and roof tiles
3mm waterproof breather membrane - lapped underneath flashing
18mm external grade plywood sheathing - to distribute the weight of the roof tiles more efficiently, and to create a solid surface for the waterproof membrane to lay on
New 100mm x 50mm timber wall plate - resin fixed into brickwork with steel bolts

Timber frame and header above door to be replaced with treated hardwood timber, and painted to match existing



DETAIL 01 - SPINE WALL / ROOF JUNCTION



DETAIL 02 - EAVES / OUTER WALL JUNCTION



PROJECT:

PROPOSED OUTBUILDINGS REPAIR / REPLACEMENT AT OWLETT'S MANSION, COBHAM

CLIENT:

NATIONAL TRUST

DRAWING TITLE:

POTTING SHED - PROPOSED GROUND FLOOR, ROOF PLAN, & DETAILS

DRAWN BY:

NF

SCALE:

1:50 @ A3

REV

P1 - 06.03.2026 - Final issue
P2 - 12.03.2026 - Updates

REPAIRS KEY:

- Areas with cracks in masonry to be repaired
- 6mm diameter Helifix Bars
- New timber roof structure



RAW STUDIOS
Architecture + Interior Design

JOB NO:

25.025

DRAWING NO:

120

REV:

P2