

Single ply membrane mechanically fixed to 18mm WBP ply on timber furring pieces to achieve a fall of 1:60

Single ply metal edge flashing with single ply bonded on top

100mm aluminium half round gutter

12mm WBP ply (painted) screwed to timber frame onto Easi-joists

Easi-joists (417mm deep) as per SE design and laid at 400mm centres

Red broken outline is existing roof

140mm Rockwool quilt insulation

Assumed existing wall plate

VCL secured to underside of Easi-joists and lapped down brick wall on all sides

12mm WBP ply soffit with continuous 25mm wide ventilation slot secured to 68x50mm SW battens

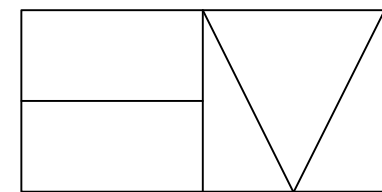
Existing brick cavity wall

15mm Duraline plasterboard on 50x38mm timber branders

**Notes**  
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 DO NOT SCALE: Use figured dimensions only

**Masonry Construction**  
 Refer to F30 specification (which includes SE input) together with SE drawings and specifications for full details of wall ties, supports, restrains and similar

|     |                                    |       |      |          |
|-----|------------------------------------|-------|------|----------|
| P02 | Joist design changed to Easi-joist | JG    | RH   | 16.02.24 |
| P01 | First Revision                     | JG    | RH   | 30.01.24 |
| Rev | Notes                              | Drawn | Appr | Date     |



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**Project** 5245  
 Thorntree Primary School  
 Roof Repair

**Drawing Name**  
 Proposed Eaves Detail

| Scale @A3 | Checked | Revision |
|-----------|---------|----------|
| 1:5       | RH      | P02      |

**Drawing Number**  
 5245-HML-01-RF-D-A-22400