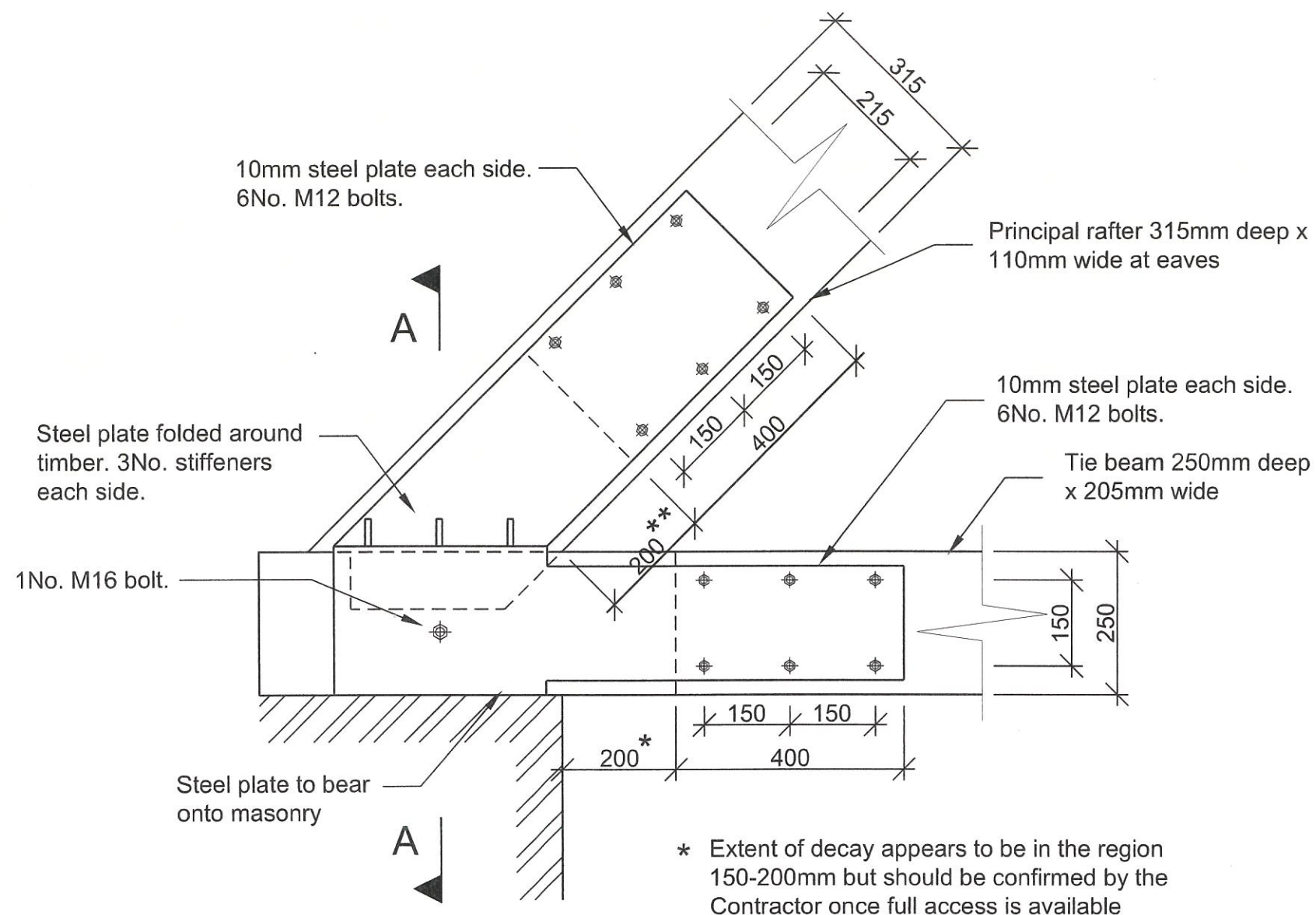




* Extent of decay appears to be in the region
150-200mm but should be confirmed by the
Contractor once full access is available

** Extent of decay is generally 150-200mm.
At end 4 it is about 500mm and the steel
plates should be adjusted accordingly.

Typical Roof Truss Repair

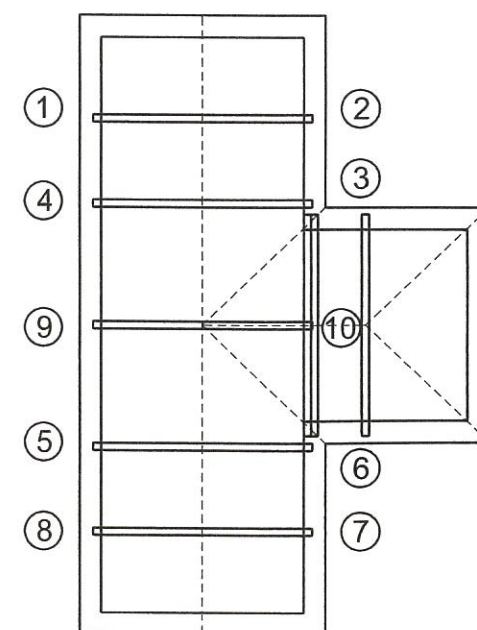
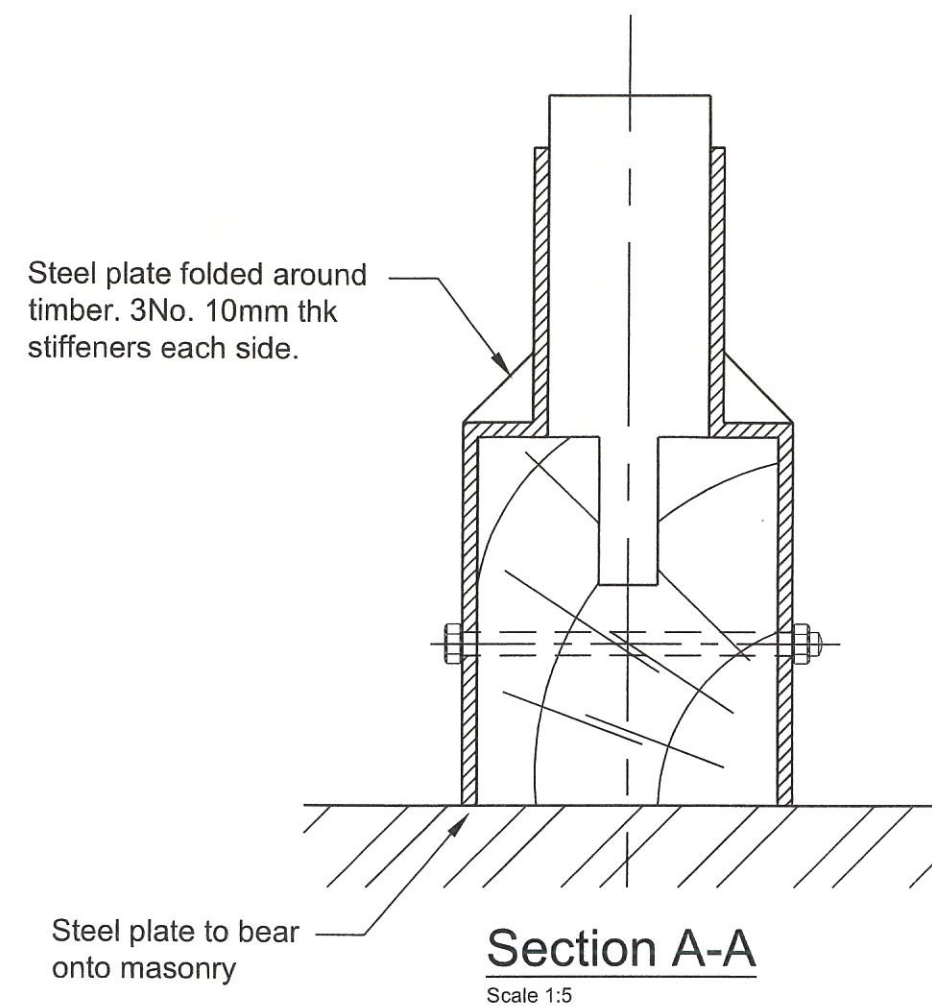
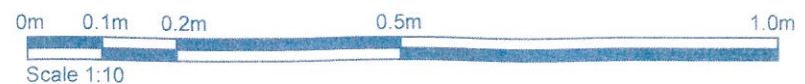
Scale 1:10

Notes

1. All dimensions in millimetres unless noted otherwise.
2. Do not scale from this drawing for setting out or construction purposes. Work to figured dimensions only. Where none are given, ask.

Structural Repairs to Timberwork

3. Truss ends at 6, 8, 9 & 10 appear to be sound. All others require strengthening as detailed hereon.
4. Whilst access and templates are available, strengthening all truss ends should be considered.
5. Fitch plates to be mild steel grade S275. Plate face against timber to be grit blasted to SA 2½ and left unprimed.
6. Bolts to be M16 & M12 as specified and to comply with BS EN 20890-1, with a tensile strength not less than 400N/mm². All bolt holes to be as close as practical to that of the bolt.
7. Plate size specified is the minimum structural requirement. Larger plates with decorative profiled ends and/or edges may be used to enhance the appearance in prominent positions.



Roof Truss Layout

Scale n.t.s.

Rev	Date	Description



BTA Structural Design

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Project Kingway Farm Corston

Drawing Barn Roof Truss Repairs

Date	Scale	Drawn by	Checked
July 2018	1:10 on A3 uno.	SJS	
Job No	Drawing No	Rev	
800	KB-SK01		