

General Notes.

All concrete to have a minimum cube crushing strength of:
Mass Concrete = 25 N/mm², at 28 days.
Reinforced Concrete = 35 N/mm², at 28 days.
Nominal Aggregate size is to be 20mm.

All dimensions to be checked on site by the Contractor prior to construction and the Engineer to be informed of any discrepancies.

All new steelwork is to comply with B.S.449, 1969 and later amendments, or B.S.5950 2000 and later amendments as directed.

All new timber is to comply with B.S.5268, 2002, Grade C24 and be treated.

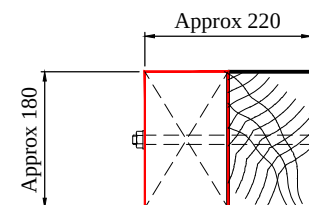
All dimensions are in millimetres unless otherwise stated.

Fire casing to steelwork is to be two layers of 12.5mm Gypsum plasterboard with joints taped & staggered. Finished with skim coat of gypsum plaster to achieve 1 hour fire resistance.

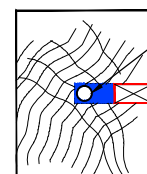
All welds are to be continuous 6mm fillet welds unless otherwise stated.

This drawing is to be read in conjunction with all relevant Architects and other specialists drawings.
All work to be carried out to the approval of the local Authority District Surveyor or Building Inspector.

All dimensions and setting out to Architects details and are to be checked on site.

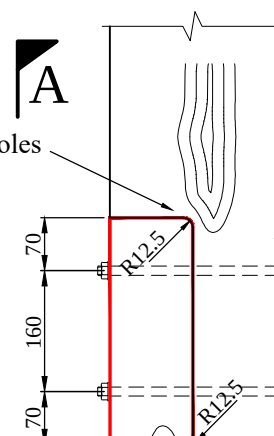


PLAN ON JOINT



PLAN ON PEG

Pre-drill 25Ø holes prior to cutting existing post to avoid stress in corners.



Original oak post to have rotten element cut out and new oak repair using halving joint.

20Ø MS peg resin grouted into post and base timber or concrete. Provide oak cover piece.

New oak plate on DPC bolted to stone with M12 chemical anchors at max 1m ccs.

DPC.

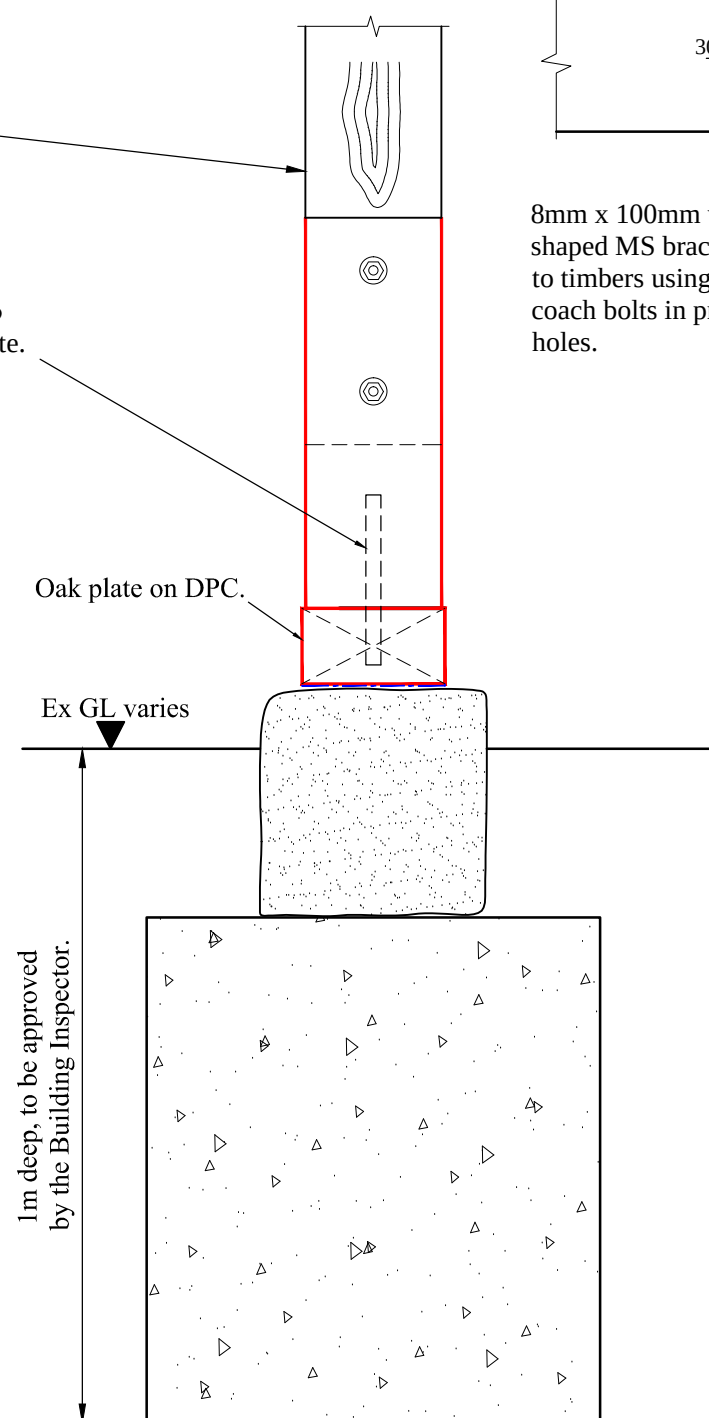
Ex GL varies

Original stone bedded level onto new footing.

Concrete footing approx 1m deep, to the approval of the Building Inspector.

A

DETAIL A



SECTION A-A

20Ø MS peg resin grouted into post and base timber or concrete. Provide oak cover piece.

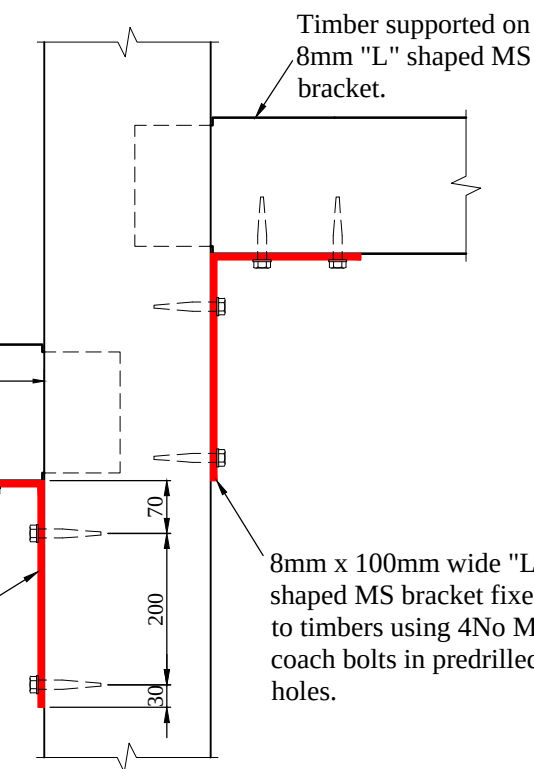
Timber supported on 8mm "L" shaped MS bracket.

8mm x 100mm wide "L" shaped MS bracket fixed to timbers using 4No M12 coach bolts in predrilled holes.

B

B

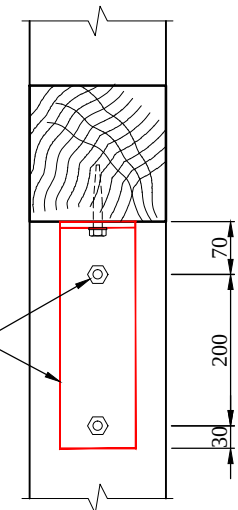
DETAIL B



Timber supported on 8mm "L" shaped MS bracket.

8mm x 100mm wide "L" shaped MS bracket fixed to timbers using 4No M12 coach bolts in predrilled holes.

SECTION B-B



A 14:02:25 HALVING JOINT MODIFIED

REV.	DATE	
Drawing		
PROPOSED GRANARY FRAME REPAIR DETAILS		
Project		
GIBBSHAVEN FARM FURNACE FARM ROAD FELBRIDGE		
Client		
MR AND MRS D PARISH		
Architect		
Michael Blacker Partnership		
Michael S. Blacker C.Eng. F.I.Struct.E. Andrew Blacker B.Sc.(Hons) C.Eng. M.I.C.E.		
CONSULTING STRUCTURAL & CIVIL ENGINEERS		
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Scale	Drawn	Checked
1:100 & 1:20 @ A3	PKD	
Date	Job No.	Rev
FEB 2025	4882	A