

Connections between Oak sections to be traditional timber connections. To be agreed on site to suit details.

[illegible]

New treated C24 rafters to match existing. Minimum 50 x 95 C24 rafters to be full length between supports

3 M10 Bolts and toothed plate connectors

Detail of new rafter
alongside existing rafter

1. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DETAILS AND DIMENSIONS RELATING TO THE SUB-CONTRACTOR'S OR SUPPLIER'S WORK MUST BE CHECKED AND AGREED BETWEEN THE SUB CONTRACTOR OR SUPPLIER AND THE GENERAL CONTRACTOR.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS
3. WORKS TO COMPLY WITH CURRENT CODES OF PRACTICE, BRITISH STANDARDS AND BUILDING REGULATIONS.
4. PROVIDE HALF HOUR FIRE PROTECTION TO STEELWORK
5. PROVIDE ENGINEERING BRICK PADSTONES TO STEEL BEAMS UNLESS OTHERWISE NOTED.
6. LINTELS TO HAVE MIN 150MM BEARINGS AND TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
7. BLOCKWORK WALLS LONGER THAN 6 METRES IN LENGTH TO HAVE MOVEMENT JOINTS OR HAVE BED JOINT REINFORCEMENT IN ACCORDANCE WITH MANUFACTURER'S DETAILS TO AVOID CRACKING IN THE MASONRY.
8. PROVIDE 30X2.5MM GALVANISED VERTICAL RESTRAINT STRAPS AT MAXIMUM 2000MM CENTRES.
9. PROVIDE 30X5MM GALVANISED HORIZONTAL RESTRAINT STRAPS OF AT LEAST 1200MM LONG AT MAXIMUM 2000MM CENTRES. WHERE FLOOR JOISTS RUN PARALLEL TO THE WALL THE RESTRAINTS SHOULD BE FIXED TO AT LEAST 3 JOISTS. PROVIDE 38MM WIDE NOGGIN'S AT LEAST HALF THE DEPTH OF THE JOISTS TO FIX STRAPS TO OR PROVIDE RESTRAINT TYPE JOIST HANGERS WHERE APPROPRIATE.
10. TRIMMERS TO BE BOLTED WITH M10 BOLTS AT MAXIMUM 1000MM CENTRES. M16 BOLTS TO BE USED FOR WIDTHS OF 150MM OR GREATER
11. PROVIDE HEAVY DUTY JOIST HANGERS TO SUPPORT TRIMMERS
12. PROVIDE ONE ROW OF STRUTS TO THE FLOOR JOISTS FOR SPANS BETWEEN 2.5 METRES TO 4.5 METRES. PROVIDE 2 ROWS FOR SPANS OVER 4.5 METRES

REV	DATE	DESCRIPTION	
CLIENT: MR MIKE HARDING			
ARCHITECT: HD ARCHITECTS			
JOB TITLE: BERRI COURT YAPTON WEST SUSSEX			
DRAWING TITLE: ROOF PLAN			
DRAWING NUMBER	JOB No 5139	DRG No 05	REV A
SCALE 1:50 @A1 1:25 @A1		DRAWN BY DATE ENGINEER	NADS AUG 2013 NDES
WORK TO FIGURED DIMENSIONS ONLY		CHECKED BY	NDES
DE SILVA STRUCTURES CONSULTING STRUCTURAL ENGINEERS THE BRIGHTON FORUM 95 DITCHLING ROAD, BRIGHTON EAST SUSSEX, BN1 4ST TEL: (01273) 573802 www.nigeldesilva.co.uk			