

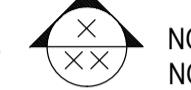
PROPOSED STRUCTURAL REPAIRS TO  
WEST ELEVATION

1:20

TIMBER NOTES

- OAK TO BE: AIR-DRIED ENGLISH, OR EUROPEAN OAK (GRADE D30 MIN) UNLESS NOTED OTHERWISE TO BS 5756 AND SO MARKED WITH A MOISTURE CONTENT AT TIME OF INSTALLATION TO BE NO MORE THAN 16%. TIMBERS SELECTED, WHERE POSSIBLE, TO MATCH THE EXISTING TIMBER CONVERSION.  
LIVE KNOTS MAY NOT EXCEED 50% OF ANY FACE  
SMALL WOUND DEAD KNOTS ALLED <50MM DIAMETER. NOT ALLOWED IN THE MIDDLE 50% OF THE LENGTH OF BEAMS AND BENDING MEMBERS.  
SLOPE OF GRAIN TYPICALLY 1:8 (12%) AND NOT TO EXCEED 1:5 (20%).  
SAP ALLOWED ON ARRISES BUT WILL ACCOUNT FOR NO MORE THAN 15% OF FACE OR EDGE.  
WANE NOT TO EXCEED 10% OF FACE OR EDGE.  
FUNGAL ATTACK SHALL NOT BE ALLOWED.  
SMALL HEART SHAKES ARE ALLOWED, BUT SHOULD NOT EXTEND BEYOND 25% OF THE RADIUS OF THE BEAM IN ANY DIRECTION.  
RING SHAKES SHALL BE GRADED OUT  
SURFACE FISSURES NOT TO EXCEED HALF THE LENGTH OF THE PIECE.  
BOW SHOULD BE LESS THAN 3mm PER METRE RUN.
- ALL STRUCTURAL TIMBER AND WORKMANSHIP TO BE IN ACCORDANCE WITH BS 5268.
- OAK TO BE OBTAINED FROM WELL-MANAGED FORESTS AND / OR PLANTATIONS IN ACCORDANCE WITH:  
- THE LAWS GOVERNING FOREST MANAGEMENT IN THE PRODUCER COUNTRY OR COUNTRIES.  
- INTERNATIONAL AGREEMENTS, SUCH AS THE CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES OF WILD FAUNA & FLORA (CITES)
- NEW JOINTS TO UTILISE TRADITIONAL CARPENTRY TECHNIQUES, WHERE POSSIBLE.  
TIMBER REPAIRS TO BE MECHANICALLY FIXED WITH STAINLESS STEEL FIXINGS WHICH WILL BE COUNTER-BORED AND PELLETED.
- CONNECTION DETAILS TO BE PREPARED BY 'OAK FRAMER' AND REVIEWED BY CLIVE HUDSON ASSOCIATES
- PEGS FOR MORTISE AND TENON IN STRUCTURAL TIMBER  
WOOD SPECIES - OAK  
CONDITION: DRY  
SHAPE: ROUND AND TAPERED  
SECOND HAND PEGS: DO NOT USE  
PEG HOLES: SLIGHTLY OFFSET SUCH THAT WHEN PEGS ARE DRIVEN HOME THE SECTIONS BEING JOINED ARE PULLED TOGETHER
- TIMBER STORAGE: KEEP DRY, UNDER COVER, CLEAR OF THE GROUND AND WITH GOOD VENTILATION.
- ALL SOFTWOOD STRUCTURAL TIMBER BE GRADE C24 TO BS 5268 OR BS EN 338 : 1995 UNLESS NOTED OTHERWISE.
- ALL SOFTWOOD TIMBER TO BE TREATED WITH AN APPROPRIATE PRESERVATIVE (CLASS 2 TO BS EN 335)

GENERAL NOTES

- DO NOT SCALE THE DRAWINGS. FIGURED DIMENSIONS ONLY SHALL BE USED. ANY DISCREPANCIES SHALL BE REPORTED TO CHA FOR CLARIFICATION, IF IN DOUBT ASK.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SURVEYORS, SERVICES ENGINEERS AND STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS, INCLUDING CHA REPORT DATED JUNE 2004.
- DIMENSIONS DENOTED (T.B.C.) ARE TO BE CONFIRMED BY THE ARCHITECT/LEAD CONSULTANT U.N.O.
- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL DIMENSION ARE TO BE CONFIRMED ON SITE BY CONTRACTOR BEFORE COMMENCEMENT OF WORKS ANY DEVIATIONS FOUND ARE TO BE REPORTED TO THE ENGINEER / ARCHITECT.
- ALL DIMENSIONS TAKEN FROM EXISTING STRUCTURE ARE TO BE CHECKED PRIOR TO WORK COMMENCING.
-  NO. IN TRIANGLE DENOTES SECTION NO.  
NO. IN SEMI CIRCLE DENOTES DRAWING NO.
- PRELIMINARY DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES.
- ALL INSULATION, WATERPROOFING, DRAINAGE, & FINISHES BY OTHERS.

P1	FIRST ISSUE	01/12/2025
Rev.	Description	Date
Drawing Status		
PRELIMINARY		
Title		
REMEDIAL STRUCTURAL WORKS TO WEST GABLE		
Project		Clive Hudson Associates Consulting Structural & Civil Engineers
THE OLD COTTAGE PEARSON ROAD SONNING RG4 6UH		Chiltern Chambers, 37 St Peters Avenue, Caversham, Reading, Berks RG4 7DH Tel: 0118 9481166 Email: info@chassociates.co.uk
Client	MR & MRS DWIGHT	Date
Drawn	DE	Scales
		1:50,10,20 (A1)
Drg.No.		246714-02-P1

IMPORTANT

- This drawing is to be checked on site by the contractor prior to the commencement of the works. Any discrepancy must be reported to the Engineer.
- No deviation may be made from the contents of this drawing without prior permission from the Engineer.
- This drawing is to be removed from currency immediately a revised edition has been issued.
- All rights described in chapter IV of the Copyright Design Acts 1988 have been generally asserted.