

GENERAL

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGNERS DRAWINGS AND SPECIFICATIONS.
- THIS DRAWING IS NOT TO BE SCALED. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO GYOURY SELF PARTNERSHIP. ALL DETAILS AND DIMENSIONS RELATING TO SUBCONTRACTORS OR SUPPLIERS WORK MUST BE CHECKED AND AGREED BETWEEN THE SUBCONTRACTOR OR SUPPLIER AND THE MAIN CONTRACTOR. ANY COMMENTS GIVEN ON INFORMATION PRODUCED BY SUBCONTRACTORS SHALL BE TREATED AS SUCH AND SHALL NOT REMOVE OR DIMINISH THE CONTRACTORS RESPONSIBILITIES.
- THE MAIN CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE WHILST THE WORKS ARE IN PROGRESS. DUE REGARD SHALL BE GIVEN TO LATERAL STABILITY OF ELEMENTS IN ADDITION TO THE SUPPORT OF VERTICAL LOADS WHEN CONSTRUCTION HAS THE NEED FOR TEMPORARY SUPPORT WORKS.
- THE DRAWINGS DO NOT CARRY ANY VALIDITY FOR NON STRUCTURAL DETAILS.
- THIS DRAWING IS COPYRIGHT AND MUST NOT BE REPRODUCED OR COPIED TO ANY THIRD PARTY WITHOUT THE WRITTEN CONSENT OF GYOURY SELF PARTNERSHIP.

CON / DEMOLITION

- REFER TO GYOURY SELF PARTNERSHIP AND OTHER DESIGNER RISK ASSESSMENTS TO ASSESS METHOD STATEMENTS REQUIRED, RISKS ETC.
- ALL SITE OPERATIVES SHOULD BE AWARE OF THE POSSIBILITY OF POTENTIALLY DANGEROUS MATERIALS BEING PRESENT ESPECIALLY DURING THE WORKS THAT EXPOSE THE EXISTING CONSTRUCTION.
- WHERE EXISTING WALLS (STUD OR SOLID MASONRY) ARE TO BE REMOVED, MAIN CONTRACTOR IS TO CONFIRM LOAD BEARING STATUS PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORKS AND REPORT FINDINGS TO GYOURY SELF PARTNERSHIP.

TEMPORARY WORKS

- THE MAIN CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE WHILST THE WORKS ARE IN PROGRESS.
- THE MAIN CONTRACTOR IS TO GIVE VERY CAREFUL CONSIDERATION TO THE PROVISION OF TEMPORARY PROPS, THEIR FOUNDATIONS AND THEIR LOADINGS ONTO THE EXISTING STRUCTURE AT ALL TIMES.
- METHOD STATEMENTS SHOULD BE PREPARED FOR ALL MAJOR OPERATIONS AND AS REQUESTED BY THE CDM COORDINATOR.

PILING

- ALL PILING SHALL BE IN ACCORDANCE WITH THE I.G.E MODEL PILING SPECIFICATION AND LATEST AMENDMENTS.
- THE PILING DESIGN AND INSTALLATION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PILES SHALL BE OF CAST IN SITU NON DRIVEN TYPE DESIGNED IN ACCORDANCE WITH BS8004 FOUNDATIONS, WITH A MINIMUM SAFETY FACTOR AGAINST FAILURE OF 3.0, TO THE APPROVAL OF THE LOCAL AUTHORITY, NREG, AND THE ENGINEER.
- PILE DESIGN IS TO ALLOW FOR TOP 25% OF GROUND TO BE DESIGNATED.
- THE CONTRACTOR IS TO ENSURE THAT ALL PILES IN THE SAME STRATA.
- PILING CONCRETE SHALL BE A MINIMUM CLASS 2 IN ACCORDANCE WITH BRE DIGEST 363 UNLESS NOTED OTHERWISE.
- THE MAXIMUM PILE DIAMETER IS ASSUMED TO BE 450mm. THE ENGINEER IS TO BE INFORMED IF THIS IS LIKELY TO BE EXCEEDED.
- ALL PILES TO BE CENTRAL ABOUT GRID LINES UNLESS NOTED OTHERWISE. THE ENGINEER IS TO BE INFORMED OF ANY VARIATION REQUIRED ON SITE TO ALLOW FOR REVISION OF THE PILE LAYOUT.
- IF ERRORS OCCUR IN PILE LOCATION, REFER TO ENGINEERS PILE SETTING OUT ERRORS - REMEDIAL DETAILS.
- ALL PILES TO BE CAST BETWEEN 150mm AND 450mm ABOVE THE DESIGNED PILE CUT OFF LEVEL, AND CUT BACK ACCORDINGLY.
- DESIGNED PILE CUT OFF LEVELS TO BE IN ACCORDANCE THE ENGINEERS PILE HEAD DETAIL.
- ALL PILE LOADS SHOWN ARE IN KILO-NEWTONS (KN) AND ARE UNFACTORED.
- INTEGRITY TESTING IS TO BE CARRIED OUT ON ALL PILES.
- ANY EXISTING PILES EXPOSED ON SITE WHICH ARE LOCATED WITHIN 3m, PILE DIAMETERS OR 2.0m (WHICHEVER IS THE GREATER USING THE LARGER PILE DIAMETER) OF ANY NEW PILE, ARE TO BE REPORTED TO THE ENGINEER PRIOR TO WORK COMMENCING ON SITE.
- ANY EXISTING PILES LOCATED WITHIN THE BOUNDARY OF THE SITE/LOT ARE TO BE CUT DOWN TO A MIN. 300mm BELOW THE UNDERSIDE OF ANY NEW GROUND BEAMS.
- EXISTING PILES LOCATED WITHIN THE BOUNDARY OF ANY GROUND BEAM ARE TO BE CUT BACK SIMILARLY AND CAPPED WITH A MIN 300mm OF COMPRESSIBLE MATERIAL PRIOR TO THE CASTING OF THE GROUND BEAMS.
- A FULL LOG OF THE PILING WORKS IN ACCORDANCE WITH THE REQUIREMENTS OF THE I.G.E MODEL PILING WORKS SHALL BE MADE AND COPIES DISTRIBUTED AT THE END OF EACH WORKING WEEK TO THE RELEVANT AUTHORITIES, THE ENGINEER, AND THE CLIENT.

REINFORCED CONCRETE

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|------------------------------|-----------------------|------------------------|
| 26. CONCRETE DESIGNATED MIX: | TO BASEMENT C32/40 | TO GROUND BEAMS C32/40 |
| MIN. CEMENT CONTENT: | 335 Kg/m ³ | 325 Kg/m ³ |
| MAX AGGREGATE SIZE: | 20mm | 20mm |
| WATER/CEMENT RATIO: | 0.42 MAX. | 0.35 MAX. |
- BASEMENT TO BE FOUND ON GEN 1 BLINDING CONCRETE.
 - THE SIDES OF THE EXCAVATIONS ARE LIKELY TO BE PRONE TO COLLAPSE AND ALLOWANCE SHOULD BE MADE FOR TEMPORARY FLANKING AND STRUTTING.
 - DESIGN SULPHATE CLASS DS-1, AC-1.
 - ALL REINFORCEMENT IS DESIGNED TO BS 8110 & BS 8007 (WHERE APPLICABLE) AND ALL CONSTRUCTION IS TO COMPLY WITH THIS CODE.
 - ALL EXCAVATIONS FOR REINFORCED CONCRETE SHALL BE KEPT FREE FROM WATER, LOOSE MATERIAL AND SOIL.
 - REINFORCEMENT SHOULD COMPLY WITH BS 4448, 4466, 4482, OR 4483. ALL REINFORCEMENT DESIGNATED 'H' SHOULD BE HIGH YIELD TYPE 2 DEFORMED BARS, 'F' = 500 N/mm². ALL FABRIC REINFORCEMENT TO BE HIGH YIELD IN ACCORDANCE WITH BS 4482 AND 4483.
 - REINFORCEMENT SHALL BE FREE FROM OILS, PAINTS ETC, WHICH MAY ADVERSELY AFFECT THE STEEL OR CONCRETE.
 - COVER TO REINFORCEMENT TO BE :
50mm INSIDE FACE
40mm OUTSIDE FACE
40mm TOP UNO
 - TOP REINFORCEMENT IN SLABS SHALL BE SUPPORTED ON MILD STEEL CHAIRS TO ENSURE ALL REINFORCEMENT HAS THE REQUIRED COVER OF CONCRETE.
 - SPACER BLOCKS ARE TO MADE OF PRECAST CONCRETE OR SUITABLE PLASTIC ALTERNATIVE. THEY SHALL BE USED TO ENSURE THAT ALL REINFORCEMENT HAS THE REQUIRED COVER OF CONCRETE.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK BENDING SCHEDULES AGAINST THE DRAWINGS PRIOR TO THE ORDERING OF THE REINFORCEMENT AND TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

BELOW DPC BRICK/BLOCKWORK

- ALL BELOW DPC BLOCKWORK WALLS AND SLEEPER WALLS ARE TO BE 10.4N/mm² IN M6 MORTAR UNLESS NOTED OTHERWISE.
- MASONRY BELOW DPC TO BE HIGH DENSITY F2 AND S1 OR S2 BRICKWORK OR MINIMUM 10.4N/mm² BLOCKWORK IN MORTAR DESIGNATION CLASS (I) / M12 WITH CEMENT : SAND, 1 : 3.

GROUND FLOOR STRUCTURAL SLAB

- PRECAST CONCRETE BEAM & BLOCK GROUND FLOOR TO BE DESIGNED BY SPECIALIST SUBCONTRACTOR FOR: (DEPTHS ARE INDICATED ON THE DRAWING 10366NA 10J)
- FINISHES/DEAD = 1.25kN/m²
IMPOSED LOAD = (DOMESTIC) 1.5kN/m²
PARTITION LOAD = 1.0 kN/m²

MASONRY AND MASONRY RESTRAINT

- ALL MASONRY TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS 5268 PART 1 AND PART 3 AS APPROPRIATE.
- EXTERNAL FACING BRICKWORK TO BE FORMED USING 10N/mm² BRICKS OF STANDARD FORMAT, LAID WITH FROGS UPPERMOST UNLESS NOTED OTHERWISE.
- CAVITY WALL INNER LEAF BLOCKWORK TO BE FORMED USING 100mm THK AGLITE BLOCKS OF STRENGTH 3.6 N/mm² UNLESS NOTED OTHERWISE. RENDERED WALLS TO BE STRANLITE 1.2N/mm² 100mm WIDE, AND TIMBER BOARDED WALLS TO BE STRALITE 1.2N/mm² 40mm WIDE (TO BE CONFIRMED). BLOCKS SHOULD BE LAID FLAT UNLESS DIRECTED.
- WALL CAVITIES ARE TO BE FILLED UP TO FINISHED GROUND LEVEL WITH LEAN-MIX CONCRETE TO BS 5328.
- DPC'S ARE TO BE PITCH POLYMER AND LAID 150mm ABOVE FINISHED GROUND LEVEL.
- MORTAR MIX ABOVE DPC TO BE DESIGNATION CLASS (M) / M4 WITH CEMENT : SAND:LIME, 1:6:1 UNO.
- MORTAR MIXES SHOULD BE IN ACCORDANCE WITH BS6628 : PART 3 OR BS6340.
- READY MIX MORTARS SHALL BE IN ACCORDANCE WITH BS4121.
- CEMENT SHOULD BE IN ACCORDANCE WITH WITH BS12, BS 146 : PART 2, BS4021 OR BS5224.
- AGGREGATES SHOULD BE IN ACCORDANCE WITH BS802, BS1200, BS611 : PART 2 OR BS6311 : PART 2.
- COLOR PIGMENTS SHOULD COMPLY WITH BS1014 AND SHOULD NOT EXCEED 10% BY MASS OF CEMENT CONTENT.
- PLASTICISERS ARE PERMITTED AND SHOULD COMPLY WITH BS4861 TO BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- MOVEMENT JOINTS ARE TO BE GENERALLY IN CLAY BRICK 16mm JOINTS AT 12 - 15m SPACING AND IN CONCRETE BLOCKS 10mm JOINTS AT 6m SPACING.
- WALL TIES ARE TO BE STAINLESS STEEL TYPE 4 DD40-2 CAVITY TIES, 225mm LONG AT 450mm VERTICAL CENTRES AND 750mm HORIZONTAL CENTRES SET STAGGERED, (225mm VERTICALS AT JAMBS).
- ALL NON LOAD BEARING INTERNAL WALLS ARE TO BE RESTRAINED AT THEIR HEAD TO UNDERSIDE OF FLOOR ABOVE WITH 30mm x 5mm GALVANISED MILD STEEL BAT STRAPS (OR SIMILAR APPROVED) AT 600mm HORIZONTAL C/C. ALLOW FOR PROVISION OF SOFT PACK AT HEAD OF ALL INTERNAL NON LOAD BEARING WALLS.
- TYPICALLY FLOOR AND CEILING JOISTS, WALL PLATES AND RAFTERS ARE TO BE STRAPPED TO MASONRY USING 30mm x 5mm x MINIMUM 1200mm LONG GALVANISED MILD STEEL BAT STRAPS (OR SIMILAR APPROVED), AS FOLLOWS:
A) WALL PLATE - AT MAXIMUM 900mm HORIZONTAL C/C.
B) RAFTERS - TO INTERNAL / EXTERNAL GABLE ENDS AT MAXIMUM 1200mm HORIZONTAL C/C, WITH STRAPS TURNED DOWN FACE OF WALL FOR MINIMUM 150mm.
C) CEILING AND FLOOR JOISTS - AT MAXIMUM 1500mm HORIZONTAL C/C, WITH STRAPS TURNED DOWN FACE OF WALL FOR MINIMUM 150mm.
- ALLOW FOR THE PROVISION OF SOLID 100mm x 50mm WIDE TIMBER NOGGINS SECURED BETWEEN JOISTS AND RAFTERS AS WELL AS FOR PACKER BETWEEN WALL AND FIRST MEMBER AT STRAP LOCATIONS. BAT STRAPS (OR SIMILAR APPROVED) ARE TO EXTEND OVER A MINIMUM OF 3 NO. CONSECUTIVE JOISTS/RAFTERS AND ARE TO BE SECURED TO THE TOP OF EACH JOIST/RAFTER.

STRUCTURAL TIMBER

- ALL TIMBER TREATMENT SHALL BE IN ACCORDANCE WITH BS 5628 PART 5.
- ALL HOLES FOR TIMBER FIXING ARE TO BE PRE-DRILLED TO AVOID SPLITTING.
- ALL TIMBER TRUSSED RAFTERS, ETC, ARE TO BE STRAPPED TO EXTERNAL WALLS USING 30mm x 5mm GALVANISED MILD STEEL BAT STRAPS (OR SIMILAR APPROVED) MINIMUM 1200mm LONG (SEE 2J).

STRUCTURAL STEELWORK

- ALL NEW STEEL IS TO BE GRADE S275 TO BS EN 10025 AND BS EN 10210 UNLESS NOTED OTHERWISE.
- ALL STEEL IS TO BE PAINTED WITH MINIMUM 80 MICRONS ZINC PHOSPHATE PRIMER TO ACCEPT FINISHES BY ARCHITECT.
- ALL FIRE PROTECTION SHALL BE TO ARCHITECT'S DETAILS.
- ALL BEAMS ARE TO HAVE A MINIMUM 100mm END BEARING UNLESS NOTED OTHERWISE.
- ALL BOLTS TO BE MIN. GRADE S275 UNLESS NOTED OTHERWISE TO SIZES AS SHOWN ON DRAWING.
GRADE 4.6 BOLTS TO BS4190.
GRADE 8.8 BOLTS TO BS3642.
HF8 BOLTS TO BS4395.

LINTELS

- ALL EXTERNAL CAVITY WALL LINTELS TO BE IS OR SIMILAR APPROVED. SEE CALCULATIONS FOR SCHEDULE.
- WHERE SERVICES PASS THROUGH THE EXTERNAL CAVITY DPC, THE OPENING IS TO BE NO MORE THAN 600mm AND NAYLOR PRECAST CONCRETE R6 LINTELS ARE TO BE USED, ONE FOR EACH LEAF OF THE CAVITY WALL.

PADSTONES

- MASS CONCRETE PADSTONES SHOWN ARE THE MINIMUM SIZES TO BE INSTALLED. ENSURE THAT THE STEEL BEAM IS LOCATED OVER THE CENTRE OF THE PADSTONE TO PRODUCE EVEN LOAD DISTRIBUTION. PADSTONES ARE TO BE CONSTRUCTED FROM MINIMUM GRADE C30 CONCRETE EITHER AS PRECAST OR IN SITU.
- ENGINEERING BRICK PADSTONES, IF REQUIRED, SHOULD BE FORMED TO DIMENSIONS AS SHOWN ON THE DRAWING USING 50N/mm² BRICKS OF STANDARD FORMAT, LAID IN MORTAR MIX DESIGNATION CLASS M4.


DRY-PACKING

- DR-PACK MORTAR IS TO BE A 1:3 CEMENT-DRY SAND MIX WITH AN EXPANDING AGENT ADDITIVE SUCH AS CONBEX 100 BY FOSROC (OR SIMILAR APPROVED). DRY-PACK MORTAR IS TO BE SEMI DRY AND IS TO BE WELL RANMED IN PLACE.
- DRY-PACK MORTAR IS TO BE ALLOWED TO CURE FOR AT LEAST 48 HOURS BEFORE TEMPORARY SUPPORT PROPPING CAN BE REMOVED.

ROOF

- ALL TRUSSED RAFTERS AND/OR ATTIC TRUSSES TO SPECIALISTS DESIGN SUBJECT TO THEIR PROPOSALS BEING ACCEPTABLE TO THE ARCHITECT/ENGINEER.
- LOCATION AS NOTED.
BASIC WIND SPEED = 2m/s.
AVERAGE HEIGHT OF BUILDING = 10.0m.
ROOF CONSTRUCTION TO BE BY SPECIALISTS DESIGN CRITERIA.
SERVICE LOADS:
IMPOSED ROOF LOAD = 0.25kN/m² ON PLAN.
IMPOSED CEILING LOAD IN ROOF VOIDS = 0.25kN/m².
ROOF LAYOUT AS ARCHITECTS DRAWINGS.
WIND LOADS AS BS 6399, PART 2, 1991.
- MAIN ROOF PITCH TO BE AS NOTED ON ARCHITECTS DRAWINGS.
- ALL FIXINGS AND COMPONENTS WITHIN THE ROOF SPACE TO BE GALVANISED/SHERADISED. ALL FIXINGS TO BE BY SIMPSON STRONG TIE OR SIMILAR APPROVED.
- PROVISION AND LOADINGS FOR WATER TANKS ARE TO BE CONSIDERED - SEE SERVICE CONSULTANT'S DETAILS.
- TRUSSED RAFTERS AND/OR ATTIC TRUSSES TO BE SPACED AT NO MORE THAN 400c/c.
- THE CONTRACTOR IS TO ALLOW ALL NECESSARY BRACING. ALL BRACING MEMBERS ARE TO BE 22x41 MIN SIZE LAP JOINTED OVER AT LEAST 2 TRUSSES AND NAILED TO EVERY TRUSSED RAFTER AND/OR ATTIC TRUSS. THEY CROSS WITH 2x3.35Dx16x65 LONG GALVANISED ROUND WIRE NAILS.
- LONGITUDINAL BRACING AT ALL NODES EXCLUDING SUPPORT.
- RAFTER DIAGONAL BRACING TO UNDERSIDE OF RAFTERS IS TO BE FIXED AT WALL PLATES AND RUN UP TO RIDGE AT 45° TO THE RAFTERS AND EXTEND OVER THE WHOLE LENGTH OF THE ROOF WITH A MINIMUM OF FOUR BRACES BEING USED.
- TILING BATTENS AND BOARDING IN ACCORDANCE WITH BS 5534.
- LATERAL WEB BRACING ONLY IF REQUIRED BY THE SPECIALIST DESIGNER.

- EXTERNAL CAVITY WALLS TO BE RESTRAINED BY GALVANISED STEEL BAT STRAPS (OR SIMILAR APPROVED) FASTENED TO TOP OF AT LEAST 3 MEMBERS/TRUSSES WITH Ø 5x6 x 75mm LONG ROUND WIRE NAILS OR NO. 12x50mm WOOD SCREWS AT ROOF AND CEILING LEVELS. STRAPS TO BE 30x5 AT 1200c/c.
- ALLOW FOR THE PROVISION OF SOLID 100mm (MIN) x 50mm WIDE TIMBER NOGGING SECURED BETWEEN JOISTS AND RAFTERS AS WELL AS FOR PACKER BETWEEN WALL AND FIRST MEMBER AT STRAP LOCATIONS.
- CONTINUOUS WALL PLATES ARE TO BE MORTAR BEDDED ON INNER LEAF OF WALL AND ANCHORED BY 30x5x100xMIN100 GALVANISED STEEL STRAPS AT 1200c/c, PLUGGED AND SCREWED TO INTERNAL FACE OF EXTERNAL WALL WITH 6NO. 12x50 WOOD SCREWS.
- TRUSS CLIPS TO BE FIXED TO TIMBER WITH 32x1 GAUGE SQUARE TWISTED SHERADISED NAILS.
- ALL DIAGONAL AND LONGITUDINAL TIES BETWEEN CEILING JOISTS/RAFTERS TO BE 25x100 SAWN SOFTWOOD PRESSURE IMPREGATED WITH PROTIM PREVAC (CYCLE A).
- TRUSSED RAFTERS SHALL BE SUPPORTED ONLY AT THE DESIGNED BEARING POINTS. ANY NECESSARY BRIDER TRUSSES ARE TO AVOID ANY OPENINGS UNDER WHERE POSSIBLE. IT IS ADVISABLE, THEREFORE, TO ERECT NON-LOADBEARING WALLS AFTER THE ROOF TILING HAS BEEN COMPLETED. THIS ALLOWS DEFLECTION TO TAKE PLACE UNDER DEAD LOAD AND REDUCES THE RISK OF CRACKS APPEARING IN THE CEILING FINISHES. ALTERNATIVELY, IF PARTITIONS ARE BRICK/BLOCK, THE FINAL COURSE CAN BE OMITTED UNTIL THE TILING HAS BEEN COMPLETED.
- PRESERVATIVE TREATMENT SHALL BE IN ACCORDANCE WITH BS 5628, PART 5 AND TO THE CORRECT SCHEDULE DEPENDING UPON THE SPECIES OF TIMBER HAZARD CATEGORY AND TO THE APPROVAL OF THE ENGINEER.
- FOR FULL DETAILS OF ROOF CONSTRUCTION I.E. TILES ETC SEE ARCHITECTS DRAWINGS.
- THE SPECIALIST TRUSS MANUFACTURER IS TO INCLUDE IN THEIR BATES FOR THE PREPARATION OF SHOP DRAWINGS AND CALCULATIONS FOR ALL THE WORK IN ACCORDANCE WITH AND IMPLIED BY THE GENERAL ARRANGEMENT DRAWINGS AND THE SPECIFICATIONS. DUPLICATE COPIES ARE TO BE SUBMITTED TO THE ENGINEER FOR REVIEW ALLOWING AMPLE TIME FOR COMMENTS TO BE AGREED, WITHIN THE MAIN CONTRACTOR'S PROGRAMME.
- THE ENGINEER'S REVIEW AND COMMENTS SHALL IN NO WAY RELIEVE THE TRUSS MANUFACTURER OF ANY RESPONSIBILITY FOR ANY ERRORS IN THE DETAILS SUBSEQUENTLY DISCOVERED.
- ALL LOOSE TIMBERS TO BE GRADE C24 UNO TREATED AGAINST ROT AND PESTS. ENDS OF SAWN AND CUT JOISTS TO BE TREATED WITH A SUITABLE PRESERVATIVE.
- LOOSE TIMBERS TO BE SECURELY NAILED IN JOIST HANGERS UNLESS DETAILED OTHERWISE.
- ALL SOLID TIMBER RAFTERS AND FLAT ROOF JOISTS GREATER THAN 2.5m ARE TO HAVE SOLID TIMBER NOGGING PIECES AT MID SPAN SECURELY SPIKED IN POSITION. SUCH PIECES ARE TO BE OF A DEPTH EQUIVALENT TO THE RAFTERS/JOISTS X 50mm.

REV.	DATE	DESCRIPTION	DRN.
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JOB TITLE			
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DRAWING TITLE			
Structural Notes			
DRAWN		CHECKED	
OH		PHS	
DATE		ENGINEER	
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SCALE (AT A SIZE)		DRAWING NO.	
NTS		120	
JOB No.		STAGES	
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REV.			
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