

## GENERAL

- WHERE DOCUMENTS ARE REFERENCED IN THE GENERAL NOTES THEY SHALL BE THE LATEST EDITIONS, UNLESS OTHERWISE NOTED OR SHOWN.
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
- ALL STRUCTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND SERVICE ENGINEERS DRAWINGS
- DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL WORKS TO COMPLY WITH THE BUILDING REGULATIONS/CODES OF PRACTICE AND ALL BRITISH STANDARDS WHERE APPLICABLE.
- BEFORE PROCEEDING WITH WORK, CHECK ALL THE DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT. REFER TO THE ARCHITECTURAL AND OTHER DESIGN DISCIPLINE DRAWINGS FOR LOCATION AND DIMENSIONS OF OPENINGS AND SLEEVES NOT SHOWN ON THE STRUCTURAL DRAWINGS. OBTAIN THE ENGINEER'S APPROVAL BEFORE INSTALLING OPENINGS, SLEEVES Etc. WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- HORIZONTAL AND VERTICAL DESIGN LOADINGS ARE NOTED WHERE APPLICABLE. THEY SHALL NOT BE EXCEEDED DURING CONSTRUCTION.
- ALL WORKMANSHIP TO BE IN ACCORDANCE WITH BS 8000: WORKMANSHIP ON BUILDING SITES.
- INSULATION, TANKING AND WATERPROOFING ARE TO THE ARCHITECTS DETAILS.

## TEMPORARY WORKS

- THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, INSTALLING AND MAINTAINING ALL PROPPING, SHORING AND TEMPORARY WORKS TO ENSURE THE STABILITY OF THE BUILDING AND THE ADJACENT BUILDINGS DURING THE WORKS.
- IF THE CONDITION OR CONSTRUCTION OF THE BUILDING DIFFERS FROM THE DRAWINGS THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY
- THE CONTRACTOR SHALL ENSURE THAT THE TEMPORARY WORKS DO NOT IMPOSE EXCESSIVE LOADS ON TO THE PERMANENT WORKS.

## DEMOLITION WORKS

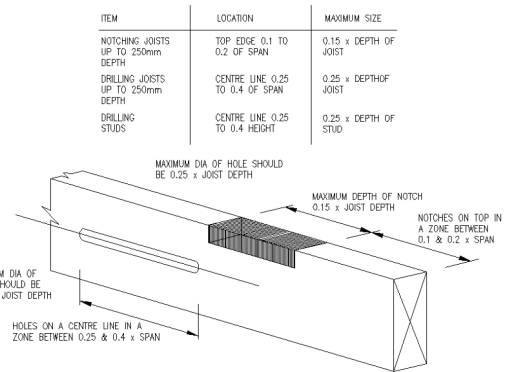
- DEMOLITION WORKS SHALL BE UNDERTAKEN IN A MANNER THAT AVOIDS DAMAGE TO ADJACENT BUILDINGS AND PAVEMENTS. ANY DAMAGE SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR AND MADE GOOD ACCORDINGLY.
- NO BUILDING MATERIALS SHALL BE REUSED UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. ALL DEMOLISHED MATERIAL SHALL BE REMOVED FROM SITE DISPOSED IN THE APPROPRIATE MANNER BY THE CONTRACTOR.
- AVOID EXCESSIVE LOADING OF EXISTING FLOORS WITH DEMOLITION ARISINGS

## STRUCTURAL STEELWORK

- ALL STEELWORK TO COMPLY WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION.
- ALL STEEL TO BE GRADE S275 AND IN ACCORDANCE WITH BS4360 AND BS EN 10025. UNLESS NOTED OTHERWISE.
- STEELWORK CONNECTIONS SHALL BE AS DETAILED ON THE DRAWINGS. DETAILS AND CALCULATIONS FOR ANY VARIATIONS TO CONNECTIONS SHOWN, OR ANY NOT SHOWN ON THE DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
- ALL BOLTS TO BE GRADE 8.8 AND SHERADIZED.
- ALL WELDS TO BE A MINIMUM 6 mm FULL PROFILE FILLET U.N.O.
- ALL INTERNAL STEELWORK IS TO BE BLAST CLEANED TO SA 2½ AND PAINTED WITH 75 MICRONS ZINC PHOSPHATE PRIMER.  
- EXTERNAL STEELWORK TO BE BLAST CLEANED TO Sa2½ (BS 7079) AND HOT DIPPED GALVANIZED TO 85 MICRONS NOMINAL THICKNESS (BS-EN ISO 1461)
- NON-SHRINK GROUT UNDER BASE PLATES IS TO BE 40 N/mm<sup>2</sup> MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.
- TOP OF STEEL LEVELS SHOULD BE AGREED WITH THE CLIENT/ARCHITECT UNLESS GIVEN ON DRAWINGS.
- COPIES OF STEELWORK FABRICATION DRAWINGS ARE TO BE FORWARDED TO THE ENGINEER FOR INSPECTION PRIOR TO FABRICATION.
- BEAM BEARINGS ON MASONRY TO HAVE MINIMUM 100 mm BEARING.
- ANY BEAM SPLICE IS TO BE CONSTRUCTED USING THE GENERAL GRADE HIGH STRENGTH FRICTION GRIP BOLTS (HSFG) TORQUED TO THEIR SPECIFIED PRE-LOAD. CONTACT FACES BETWEEN ATTACHED ELEMENTS ARE TO BE BLAST CLEANED AND LEFT UNPAINTED.

## STRUCTURAL TIMBER

- ALL NEW TIMBER TO BE A MINIMUM GRADE C16 AND TO BE TREATED WITH PRESERVATIVE; ALL CUT ENDS ARE TO BE TREATED BEFORE FIXING
- NOTCHING IS PERMITTED IN NEW AND EXISTING TIMBER IN ACCORDANCE WITH THE FOLLOWING DIAGRAM:



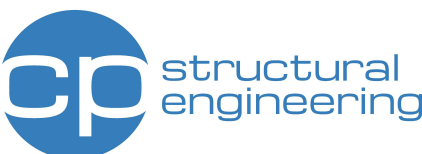
NOTCH AND BOLTING TYPICAL

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- ALL TIMBER FIXINGS ARE TO BE HOT DIP GALVANIZED AND TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS
- THE CONTRACTOR IS TO PROVIDE ALL PACKS, STRAPS, BLOCKING PIECES ETC NECESSARY TO RESTRAIN THE TIMBER ELEMENTS
- ALL NEW TIMBER JOISTS TO HAVE NOGGINS BETWEEN JOISTS AT EACH END AND AT SPACING'S NOT EXCEEDING 30 x JOIST WIDTH
- ALL NEW STUD WALLS TO HAVE SOLID BLOCKING UNDER WHERE WALL RUNS ACROSS JOISTS AND DOUBLE JOISTS BOLTED TOGETHER UNDER WHERE PARALLEL
- ALL JOINTS SHALL BE FORMED IN ACCORDANCE WITH THE APPROPRIATE RECOMMENDATIONS OF BS 5268 PART 2 AND AS SPECIFIED
- ANY ENGINEERED TIMBER ELEMENTS ARE TO BE DESIGNED BY THE SUPPLIER USING THE LOADS SHOWN ON THE DRAWING

## MASONRY

- ALL MASONRY WALLS SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE CONSIDERED LOAD BEARING UNLESS NOTED OTHERWISE AND ARE TO BE CONSTRUCTED BEFORE THE NEXT FLOOR LEVEL. FOR ALL WALLS, INCLUDING NON LOAD BEARING, REFER TO THE ARCHITECTS SPECIFICATION.
- CONCRETE MASONRY UNITS: TO CONFORM TO BS.EN 771-3, WITH A MINIMUM COMPRESSIVE STRENGTH OF 7 N/mm<sup>2</sup>
- BRICKWORK: TO CONFORM TO BS 5628 PART 3, WITH A MINIMUM CRUSHING STRENGTH OF 20 N/mm<sup>2</sup>. WATER ABSORPTION 12%.
- IN CAVITY WALLS, BOTH LEAVES ARE TO BE TIED 900 mm HORIZONTALLY AND 450 mm VERTICALLY GENERALLY. ADDITIONAL TIES ARE TO BE PROVIDED AT EDGES OF OPENINGS AND AT VERTICAL UN-RETURNED OR UN-BONDED EDGES (INCLUDING AT MOVEMENT JOINTS AND SLOPING VERGES OF GABLE WALLS) AT THE RATE OF ONE TIE PER 225 mm HEIGHT PLACED NOT MORE THEN 225 mm FROM THE EDGE.
- MORTAR: TO CONFORM TO BS 5628 PART 1, TYPE M4.
- PADSTONES ARE TO BE GRADE C35 CONCRETE, SIZE AS INDICATED ON THE STRUCTURAL DRAWINGS.
- WALLS TO BE RESTRAINED AT GROUND FLOOR, CEILINGS AND GABLE WALLS BY THE PROVISION OF 30 x 5 x 1000 mm LATERAL RESTRAINT STRAPS AT MAXIMUM 2.0 m CENTRES CARRIED ACROSS AT LEAST 3 JOISTS OR RAFTERS, ETC, WITH A MINIMUM OF 38 mm WIDE x 3/4 DEPTH NOGGINS.
- MATERIALS FOR WALL TIES, SUPPORT ANGLES, RESTRAINT FIXINGS ETC. TO BE 304 STAINLESS STEEL.
- LINTELS, WINDPOSTS, WALL TIES, SUPPORT ANGLES, RESTRAINT FIXINGS ETC TO BE INSTALLED AS PER MANUFACTURERS / SUPPLIERS SPECIFICATIONS AND INSTRUCTIONS
- SEE ARCHITECTS DRAWINGS FOR:  
A) SETTING OUT DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.  
B) DETAILS OF ALL DAMP-PROOFING, WATERPROOFING AND SEALANTS.
- NEW LINTELS TO BE 100w x 140dp PRECAST, PRE-STRESSED UNLESS NOTED OTHERWISE.
- PROVIDE 2 LINES OF BRICKFORCE BEDJOINT REINFORCEMENT IN ALL MASONRY SKINS ABOVE & BELOW ALL OPENINGS EXTENDING 500mm BEYOND THE OPENING.



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<b>CONTRACT:</b> RIO HOUSE, HIGH STREET, RIPLEY			
<b>CLIENT:</b> SADDLERS HALT LTD	<b>ENGINEER:</b> CP	<b>DRAWN BY:</b> CP	
<b>DRAWING TITLE:</b> SPECIFICATION NOTES		<b>CHECKED BY:</b> CP	<b>APPROVED BY:</b>
<b>SCALE:</b> 1:50 @ A4	<b>DATE:</b> MAY 2023	<b>PROJECT/DRAWING NO.:</b> 22094/SK02	<b>REVISION:</b> -