



#### STRUCTURAL STEELS

STEEL BEAM SIZES + BEAM BEARINGS P1. P2. P3  
ARE TO BE SPECIFIED BY THE STRUCTURAL ENGINEER

#### STRUCTURAL STEELWORK

- DESIGN RESPONSIBILITY IS LIMITED ONLY TO THOSE ELEMENTS OF STRUCTURE SPECIFICALLY REFERRED TO IN THE CALCULATION SHEETS
- THE CALCULATION SHEETS SHOULD BE APPROVED FOR BUILDING REGULATION PURPOSES BEFORE ON SITE WORK COMMENCES
- THE BUILDER IS SOLELY RESPONSIBLE FOR ON SITE COMPLIANCE WITH THE ENGINEER CALCULATION SHEETS AND WITH THEIR IMPLEMENTATION ON SITE AND MUST FAMILIARIZE HIMSELF WITH THEIR REQUIREMENTS PRIOR TO FIXING OR PLACEMENT OF ANY STRUCTURAL STEEL WORK MEMBERS ON SITE
- THE LENGTHS AND SPANS USED IN THE CALCULATIONS ARE FOR DESIGN PURPOSES AND SHOULD NOT BE USED AS A BASIS FOR ORDERING MATERIALS
- EXISTING BRICKWORK UNDER BEARINGS ASSUMED TO HAVE A STRESS AVAILABLE OF 0.60 N/mm<sup>2</sup> AND TO BE CHECKED TO ENSURE IN SOUND CONDITION
- ALL STEELWORK TO BE THOROUGHLY WIRE BRUSHED TO REMOVE ALL RUST AND LOOSE SCALE, BLAST CLEANED, THEN TREATED WITH TWO COATS OF ZINC PHOSPHATE PRIMER AND A MINIMUM ONE COAT OF RED PRIMER OR EQUIVALENT AND ONE COAT BITUMINOUS SOLUTION
- STEELWORK EMBEDDED IN EXTERNAL CAVITY WALLS IS TO BE HOT DIPPED GALVANISED OR PAINTED WITH 2 COATS BITUMINOUS PAINT RIW OR SIMILAR APPROVED MATERIAL
- EXISTING WALLS AND STRUCTURE TO BE PINNED UP TIGHT FROM THE TOP FLANGE OF THE SUPPORTING BEAMS WITH SHIMS AND DRY PACK AS NECESSARY TO ENSURE TRANSFER OF LOAD
- CELOTEX RIGID INSULATION BUILT INTO WEB OF STEEL BEAM TO PREVENT COLD BRIDGING
- ANY HOLES CUT FOR CENTRAL HEATING SERVICES TO BE A MAXIMUM 0.25 x DEPTH OF JOIST AND POSITIONED 0.25 TO 0.40 OF SPAN
- CONNECTION DETAILS BETWEEN BEAMS TO BE PROVIDED AND FIXED ON SITE BY FABRICATOR
- ALL BEAMS TO BE ENCASED IN 2 LAYERS 12.5 mm THICK PLASTERBOARD AND SKIM TO GIVE MINIMUM REQUIRED ½ HOUR FIRE RESISTANCE

#### MECHANICAL AIR EXTRACTION

- MECHANICAL EXTRACT FAN TO BE PROVIDED WITH MINIMUM CAPACITY REQUIREMENT TO PROPOSED KITCHEN VIA COOKER HOOD: MINIMUM 60 LITRES PER SECOND
- FAN TO BE DIRECT TO EXTERNAL AIR IN ADDITION TO ANY OPEN ABLE WINDOWS
- ALL FANS TO BE VENT-AXIA OR XPELAIR OR SIMILAR APPROVED SUPPLIED TO BS 5250-14.2

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REVISION		
NOTES		
• ALL DIMENSIONS MUST BE CHECKED ON SITE FOR CONSTRUCTION PURPOSES BY THE CONTRACTOR		
• DO NOT SCALE FROM THIS DRAWING		
• ALL BUILDING REGULATION DRAWINGS MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING A4 BUILDING SPECIFICATION NOTES		
• NO PART OF THIS DRAWING MAY BE COPIED OR REPRODUCED WITHOUT WRITTEN CONSENT FROM MP BUILDING PLANS LTD ©		
• ALL WORKS ARE TO COMPLY WITH THE CURRENT BRITISH STANDARDS AND APPROVED DOCUMENTS REQUIREMENTS		
• DRAWING ERRORS AND OMISSIONS TO BE REPORTED TO THE PERSON RESPONSIBLE FOR PRODUCING THE DRAWING		
• ALL WORKS BEGUN PRIOR TO LOCAL AUTHORITY APPROVAL ARE CARRIED OUT AT THE HOMEOWNERS OWN RISK		
• NO ENCROACHMENT TO THE ADJACENT DWELLING BOUNDARY IS PERMITTED VIA FOUNDATION CONCRETE PROJECTION, SOFFIT AND FASCIA BOARDING OR ANY GUTTERING FIXTURES		

Client name and address  
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DRAWING TITLE AND SCALE:	PROPOSED GROUND FLOOR PLANS 1:50 @ A3	
SCALE BAR:		
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