

- NOTES
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL NECESSARY ARCHITECTS AND ENGINEERS DRAWINGS AND THE STRUCTURAL CALCULATIONS.

2. ALL CRITICAL & KEY DIMENSIONS ARE TO BE TAKEN ON SITE BEFORE WORK COMMENCES.
ALL SETTING-OUT AND RELATIVE LEVELS etc. ARE TO BE ASCERTAINED BY BUILDER / FABRICATOR FROM ARCHITECTS SETTING-OUT INFORMATION AND ON SITE PRIOR TO COMMENCEMENT OF WORK. DO NOT SCALE FROM THIS DRAWING. SETTING-OUT & LEVELS REMAIN THE RESPONSIBILITY OF THE BUILDER / FABRICATOR AND **NOT** 'SGM STRUCTURAL DESIGN'. IF ANY DOUBT EXISTS THEN ARCHITECT MUST BE NOTIFIED.

3. ALL NECESSARY WALLS AND FLOORS TO BE CAREFULLY NEEDED AND PROPPED PRIOR TO DEMOLITION OF ANY SUPPORTING ELEMENTS. PROPS SHOULD **ONLY** BE TAKEN OFF STRUCTURAL ELEMENTS CAPABLE OF TAKING THE PROP LOADINGS. INSTALLATION OF TEMPORARY CONCRETE PADS BELOW GROUND FLOOR JOISTS MAY BE REQUIRED, SPREADER BOARDS MAY NOT BE SUFFICIENT DEPENDING ON JOIST SIZE AND SPAN DIRECTION. FULL PROPPING SYSTEM TO BE DESIGNED BY CONTRACTOR AS PART OF THE TEMPORARY WORKS SCHEME TO CATER FOR THE APPLIED LOADINGS SHOWN ON SGM STRUCTURAL DESIGN DRAWINGS OR OTHERWISE CALCULABLE FOR LOADINGS GIVEN OR A SITE INSPECTION. CONTRACTORS DESIGN PROPOSALS TO BE ISSUED TO ENGINEER FOR COMMENT 7 DAYS PRIOR TO INSTALLATION.

4. WALLS AND FLOORS TO BE PACKED TIGHT OFF SUPPORTING BEAM TOP FLANGE USING BLUE SLATES OR STEEL SHIMS AND SEMI-DRY NON SHRINK MORTAR.

5. STEEL BEAMS TO BE GRADE S275 AND ARE TO BE THOROUGHLY CLEANED BEFORE PAINTING WITH PRIMER TO A MINIMUM THICKNESS OF 75 MICRONS.

6. WHERE NOTED STEELWORK TO BE BLAST CLEANED TO SA2.5 AND HOT DIPPED GALVANISED TO A MINIMUM THICKNESS OF 85 MICRONS TO BS 729. GALVANISED STEELWORK TO BE 'T'-WASHED PRIOR TO APPLYING FINISH PAINT SPECIFICATION. ALL BOLTS TO BE HOT DIP SPUN GALVANISED WITH NUTS RETHREADED. FINAL TOP COAT PAINTING AND FIRE PROTECTION TO BE TO THE ARCHITECT'S SPECIFICATION.

7. ALL PRECAST CONCRETE LINTELS AND STEEL BEAMS WITH BEARING ONTO MASONRY ARE TO HAVE A MINIMUM BEARING OF 150mm.

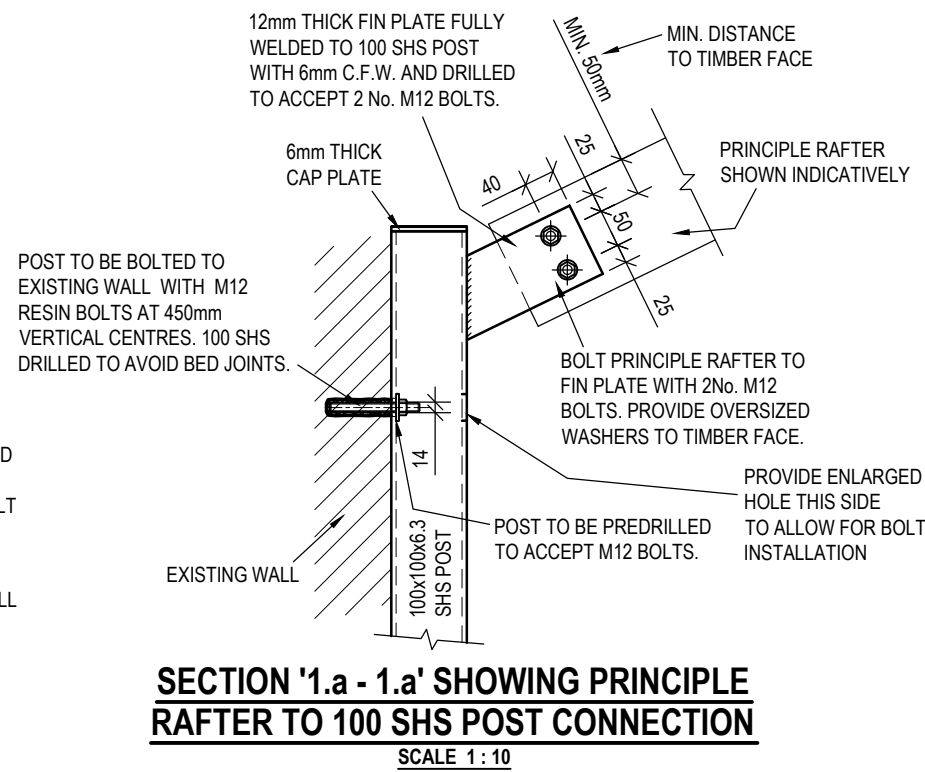
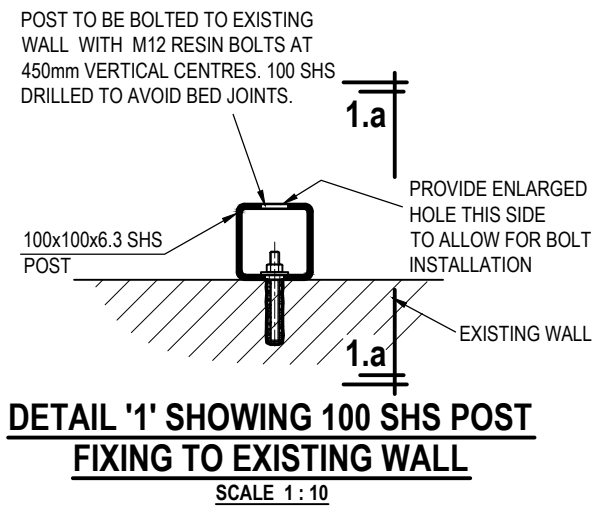
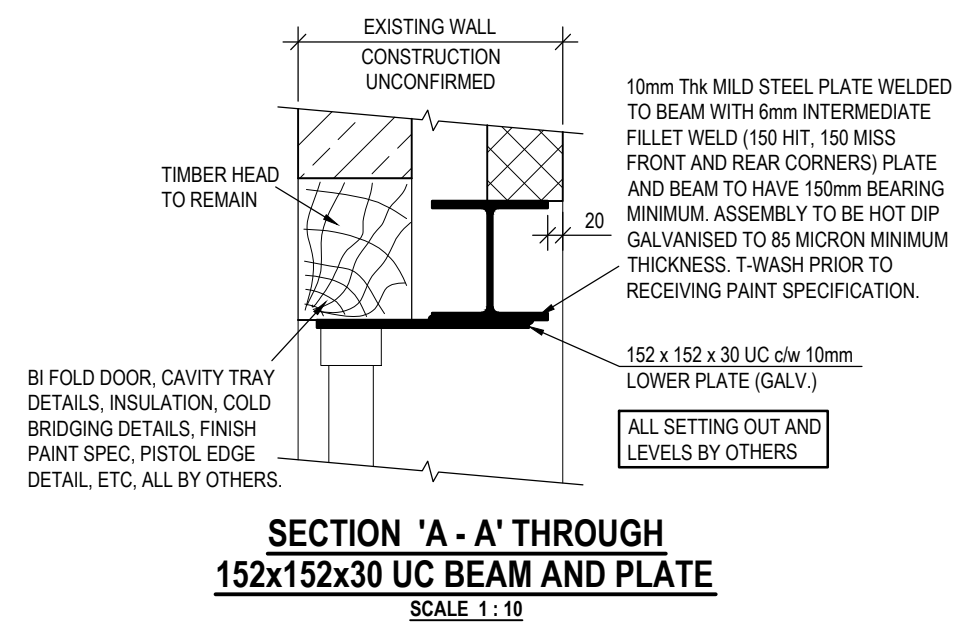
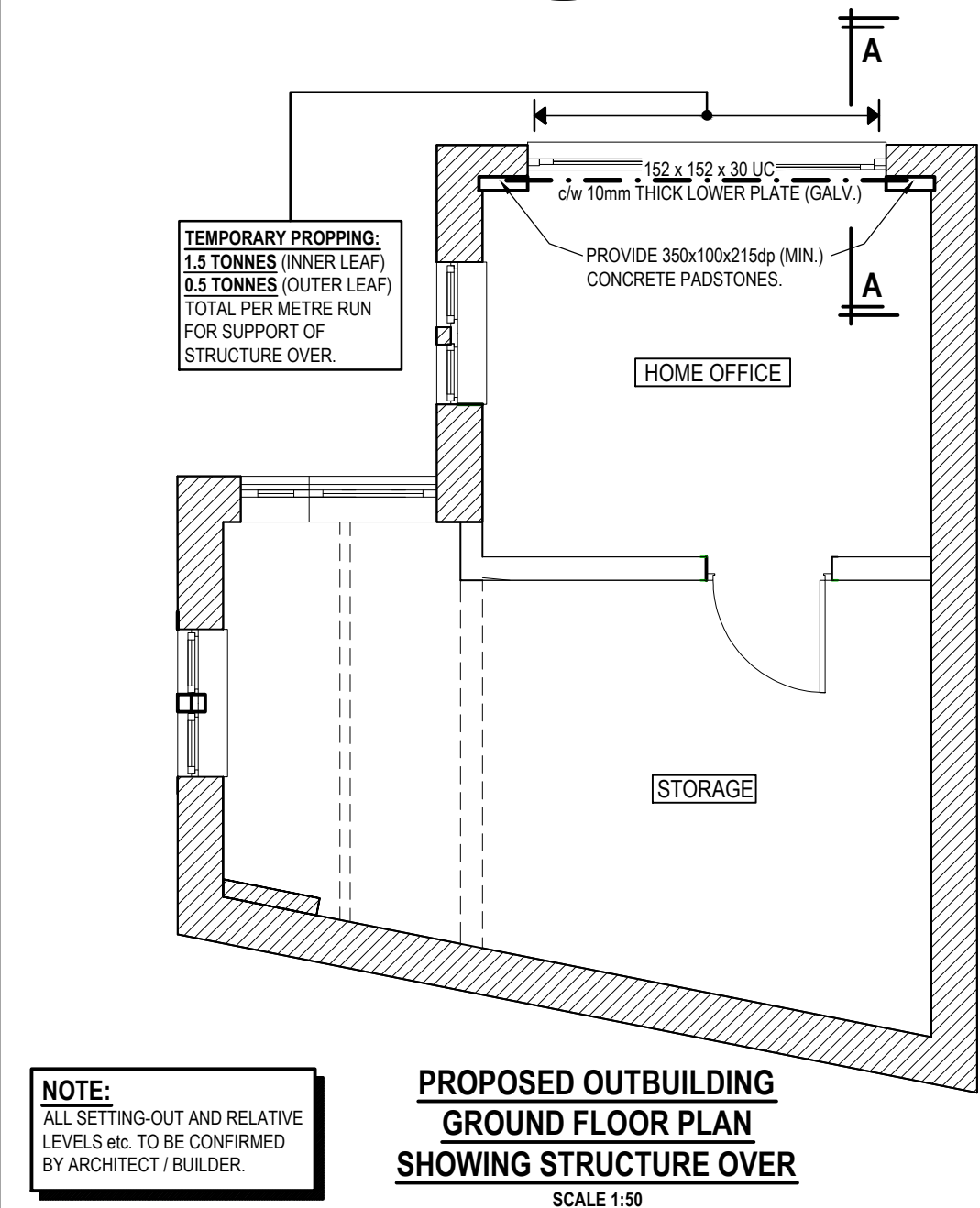
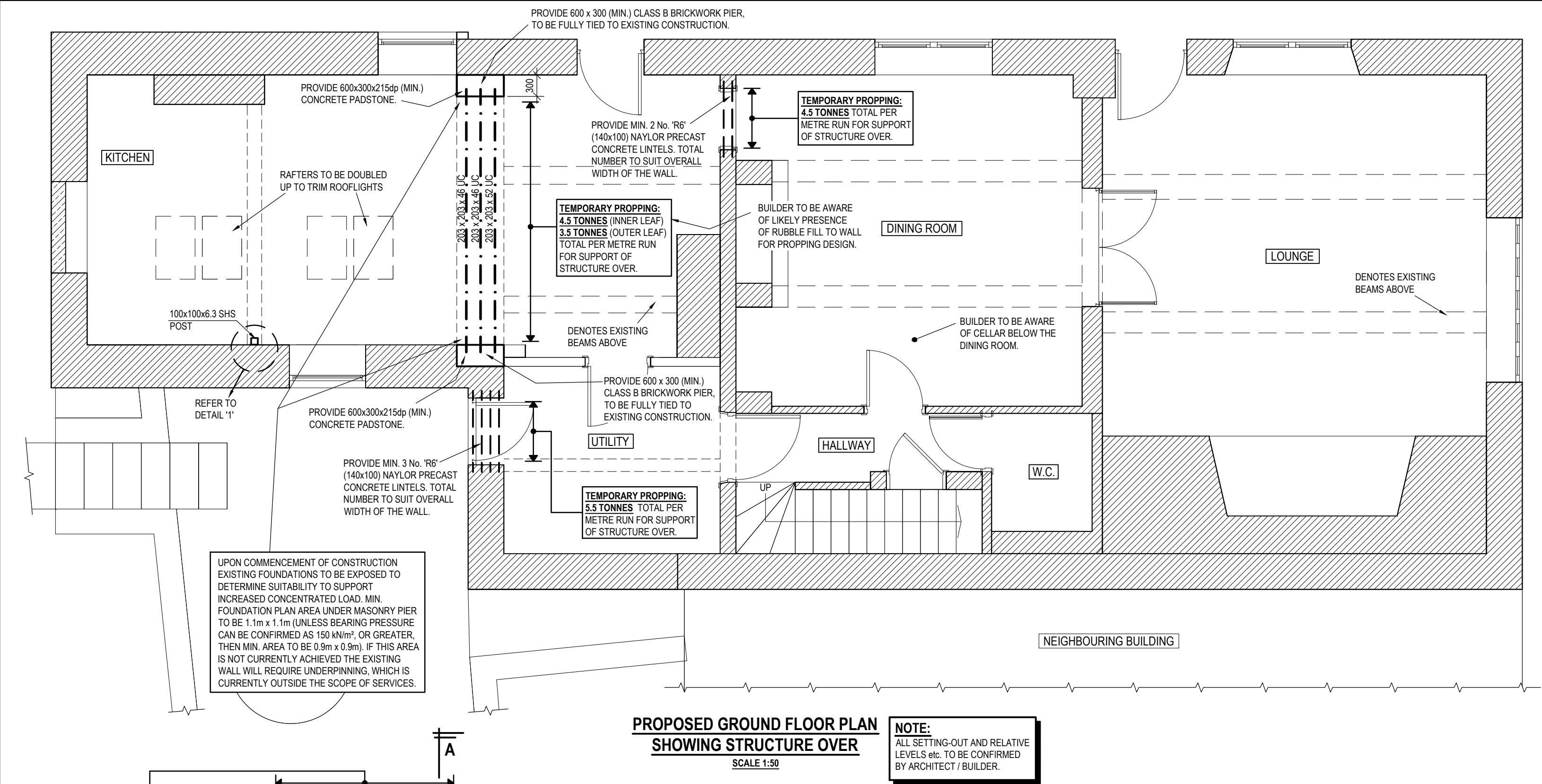
8. FACES OF ALL NEW OPENINGS TO BE MADE GOOD IN ENGINEERING CLASS B BRICKWORK, TIED TO EXTERNAL WALLS AND/OR BLOCK BONDED TO EXISTING MASONRY AS NOTED.

9. ALL NEW PIERS TO BE CONSTRUCTED FROM ENGINEERING CLASS B BRICKWORK WITH TYPE (iii) MORTAR. FOUNDATIONS TO PIERS TO BE INSPECTED BY ENGINEER AND/OR LOCAL AUTHORITY PRIOR TO CASTING OF CONCRETE OR CONSTRUCTION OF PIER.

10. ALL PADSTONES TO BE MINIMUM GRADE C35 CONCRETE CAST INSITU WITH THE TOP TROWELLED SMOOTH. STEEL SHIMS, 150mm x 100mm x VARYING THICKNESSES, ARE TO BE PLACED MID-WAY ALONG THE LENGTH OF THE PADSTONE WITH THE BEAM BEARING A MINIMUM OF 100mm ONTO THE SHIMS. ALTERNATIVELY USE CUT DOWN PRECAST CONCRETE LINTELS BEDDED ON MORTAR. WALL TO BE MADE GOOD AROUND BEAM END WITH INSITU CONCRETE CAST INTO THE WEB.

11. FIRE PROTECTION TO THE STEELWORK (REQUIREMENT TO BE CONFIRMED BY LOCAL BUILDING CONTROL OFFICER) TO BE TO THE ARCHITECT'S SPECIFICATION. PROVIDE A MINIMUM OF TWO LAYERS OF 12.5mm PLASTERBOARD, OR GYPROC FIRELINE BOARD PLUS ONE LAYER OF 12.5mm PLASTERBOARD.

12. ALL PROPRIETARY LINTELS TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICALLY **MUST BE** TEMPORARILY PROPPED DURING CONSTRUCTION UNTIL THE MORTAR SETS, TO PREVENT ROTATION AND DEFLECTION OF THE LINTEL.



PROJECT KIRKBY GRANGE FARMKIRKBY LANEFLOCKTON, WF4 4AH				
TITLE PROPOSED GROUND FLOOR PLANS SHOWING STRUCTURE OVER				
PROJECT No. 2019/262	DRAWING No. 01	AMENDMENT -	DATE DRAWN 14 AUG 19	DRAWN BY KB
Amendment Note -			Date Revised -	

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