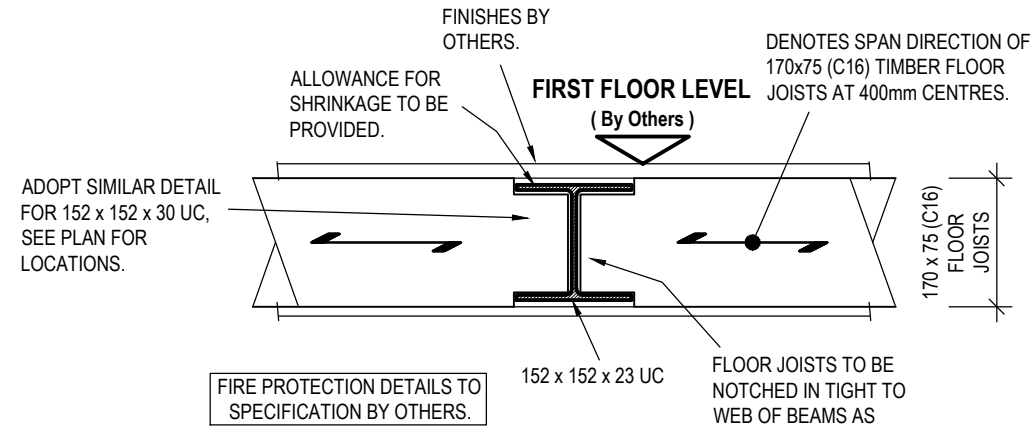
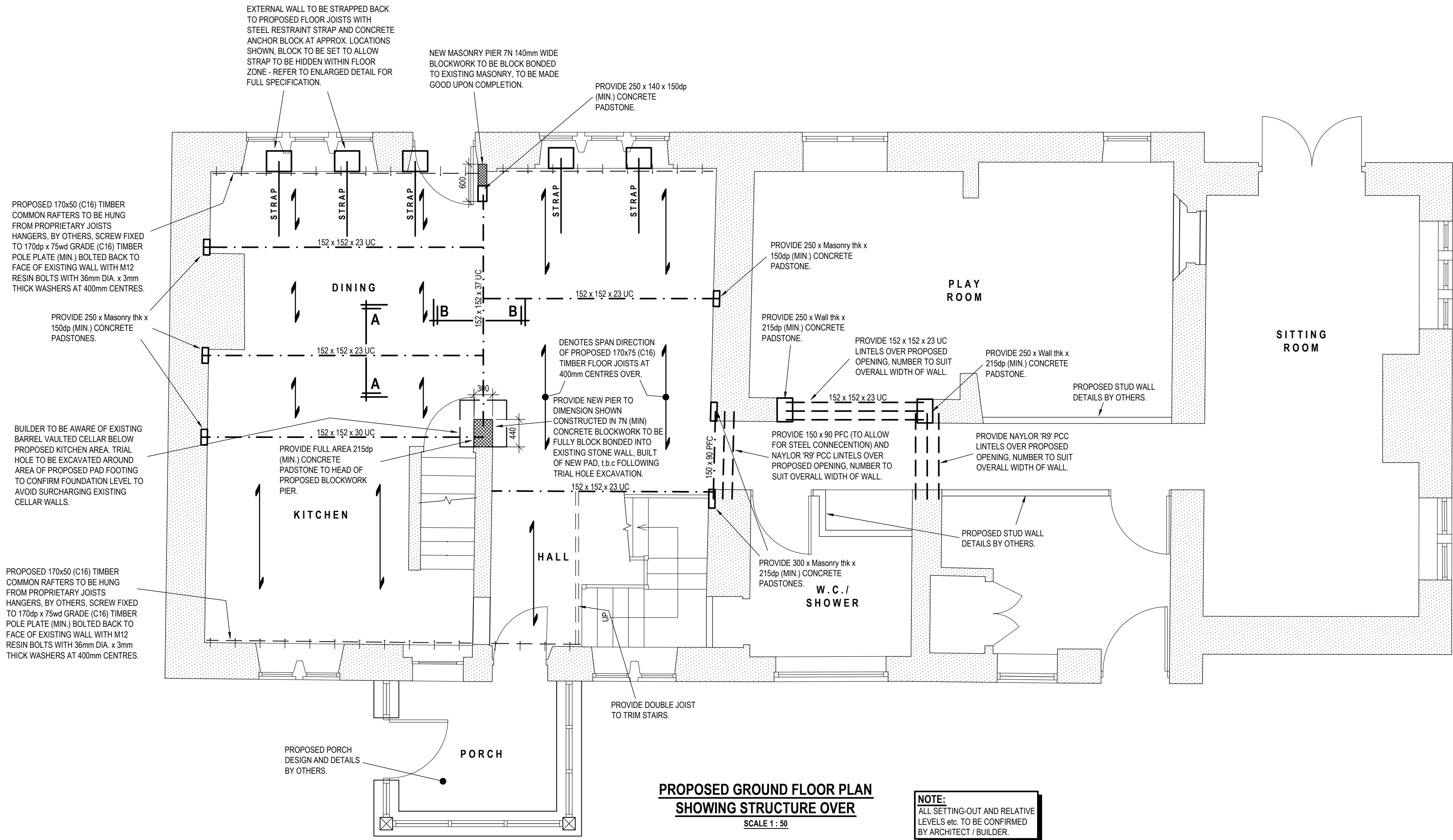
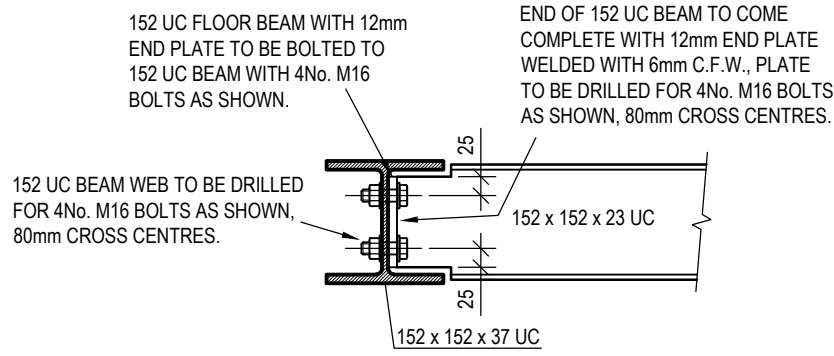


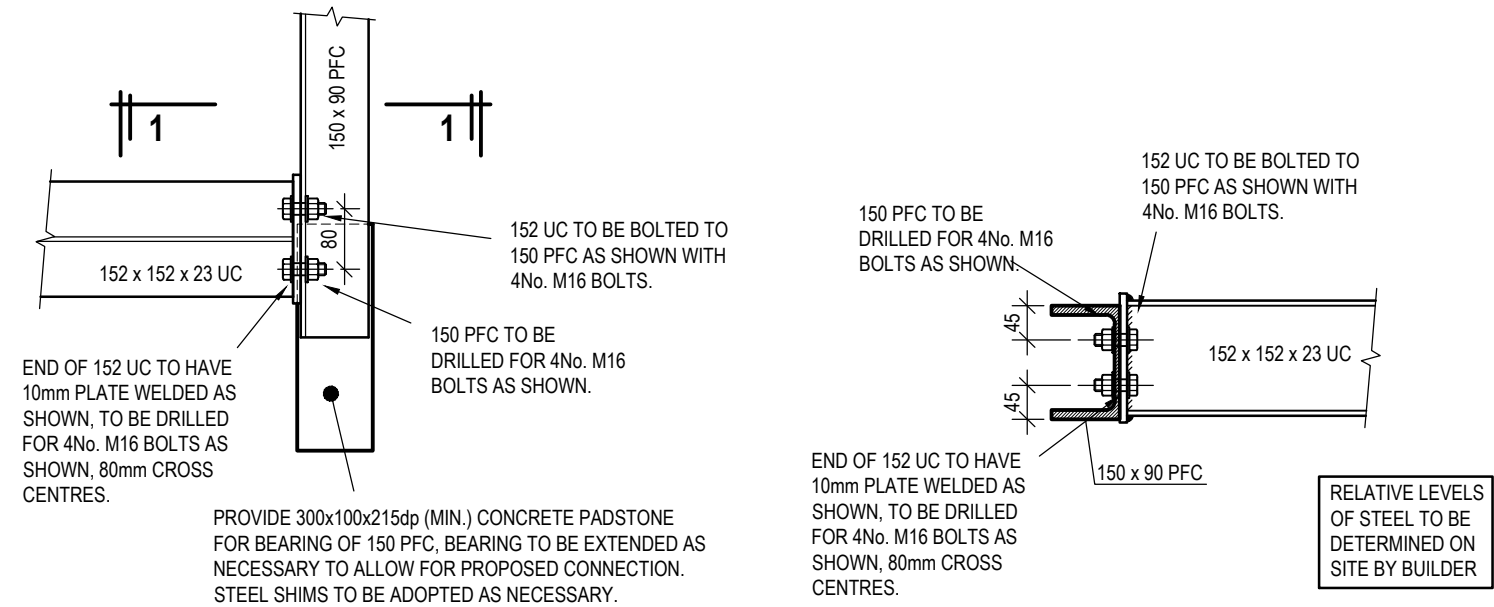
- NOTES**
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL NECESSARY ARCHITECTS AND ENGINEERS DRAWINGS AND THE STRUCTURAL CALCULATIONS.
  2. ALL CRITICAL & KEY DIMENSIONS ARE TO BE TAKEN ON SITE BEFORE WORK COMMENCES.  
ALL SETTING-OUT AND RELATIVE LEVELS etc. ARE TO BE ASCERTAINED BY BUILDER / FABRICATOR 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. INSTALLATION OF BACK-PROPS TO CELLAR AREAS WILL BE REQUIRED. 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 FACING 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. ALL PRECAST CONCRETE LINTELS AND STEEL BEAMS WITH BEARINGS ONTO MASONRY ARE TO HAVE A MINIMUM BEARINGS OF 150mm.
  7. 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.
  8. 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.
  8. ALL NEW PIERS TO BE CONSTRUCTED FROM 7.2N/mm<sup>2</sup> HIGH DENSITY BLOCKWORK 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.
  9. 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. WHERE DRILLING OF PADSTONES TO ACCEPT RESIN ANCHOR BOLTS IS REQUIRED ADOPT CAST INSITU CONCRETE WITH PREFORMED HOLES FOR BOLTS.
  10. FIRE PROTECTION TO THE STEELWORK TO BE TO THE ARCHITECTS SPECIFICATION. PROVIDE A MINIMUM OF TWO LAYERS OF 12.5mm PLASTERBOARD, OR GYPROC FIRELINE BOARD PLUS ONE LAYER OF 12.5mm PLASTERBOARD.
  11. ALL PROPRIETARY LINTELS TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICALLY **MUST BE** TEMPORARILY PROPPED DURING CONSTRUCTION UNTIL THE MORTAR SETS, TO PREVENT ROTATION AND DEFLECTION OF THE LINTEL.



**SECTION 'A - A'**  
**THROUGH FLOOR BEAM**  
SCALE 1:10

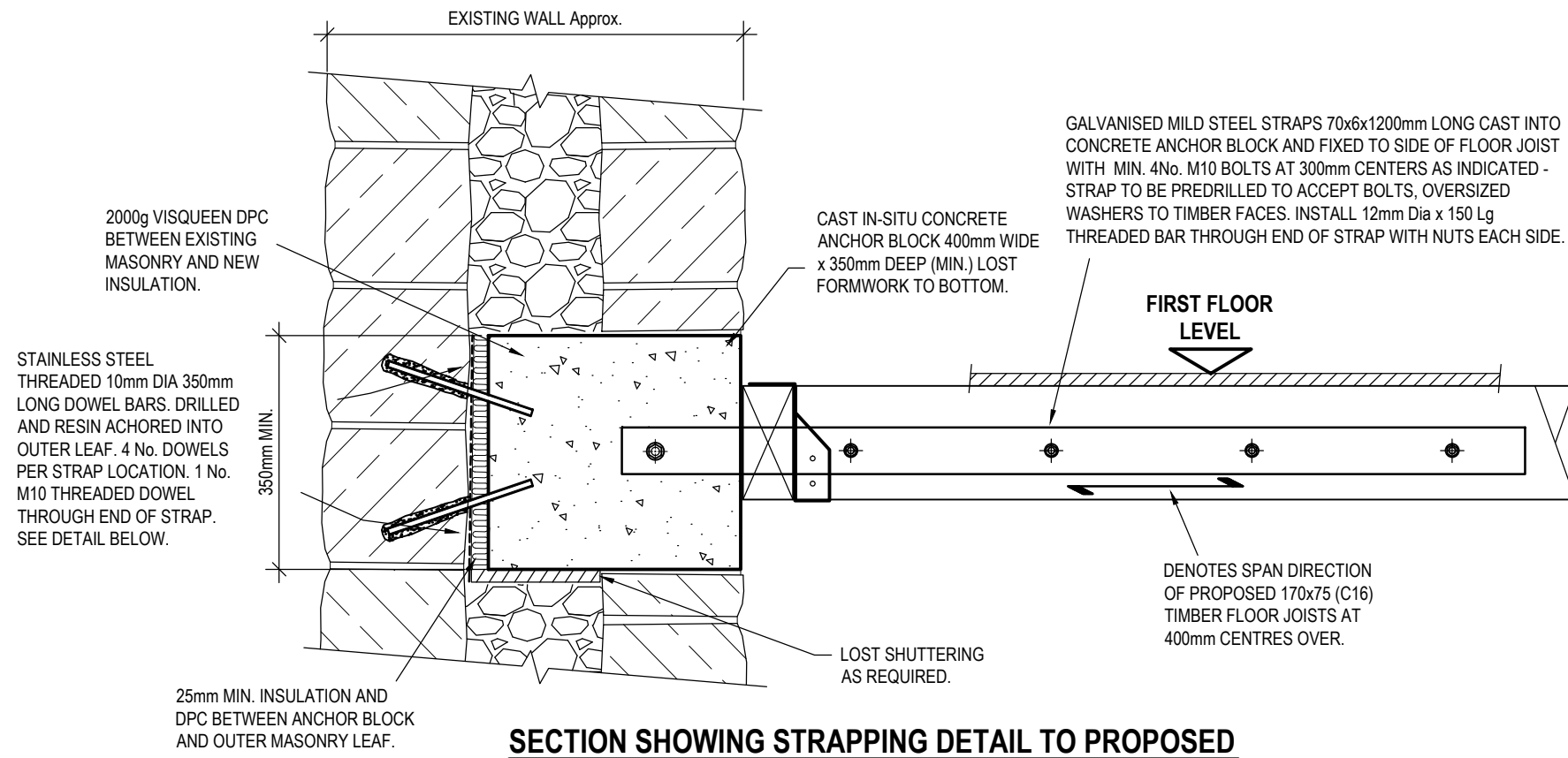


**SECTION 'B - B'**  
**THROUGH FLOOR BEAM CONNECTION**  
SCALE 1:10

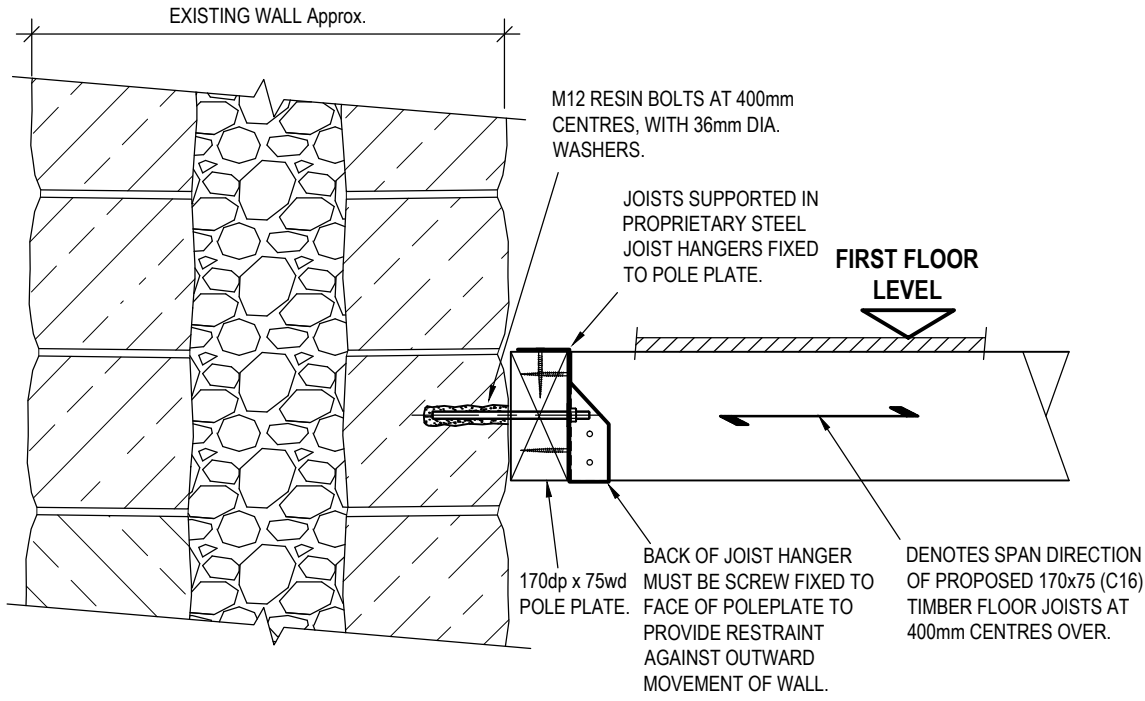


**SECTIONAL PLAN SHOWING BEAM CONNECTION**  
SCALE 1:10

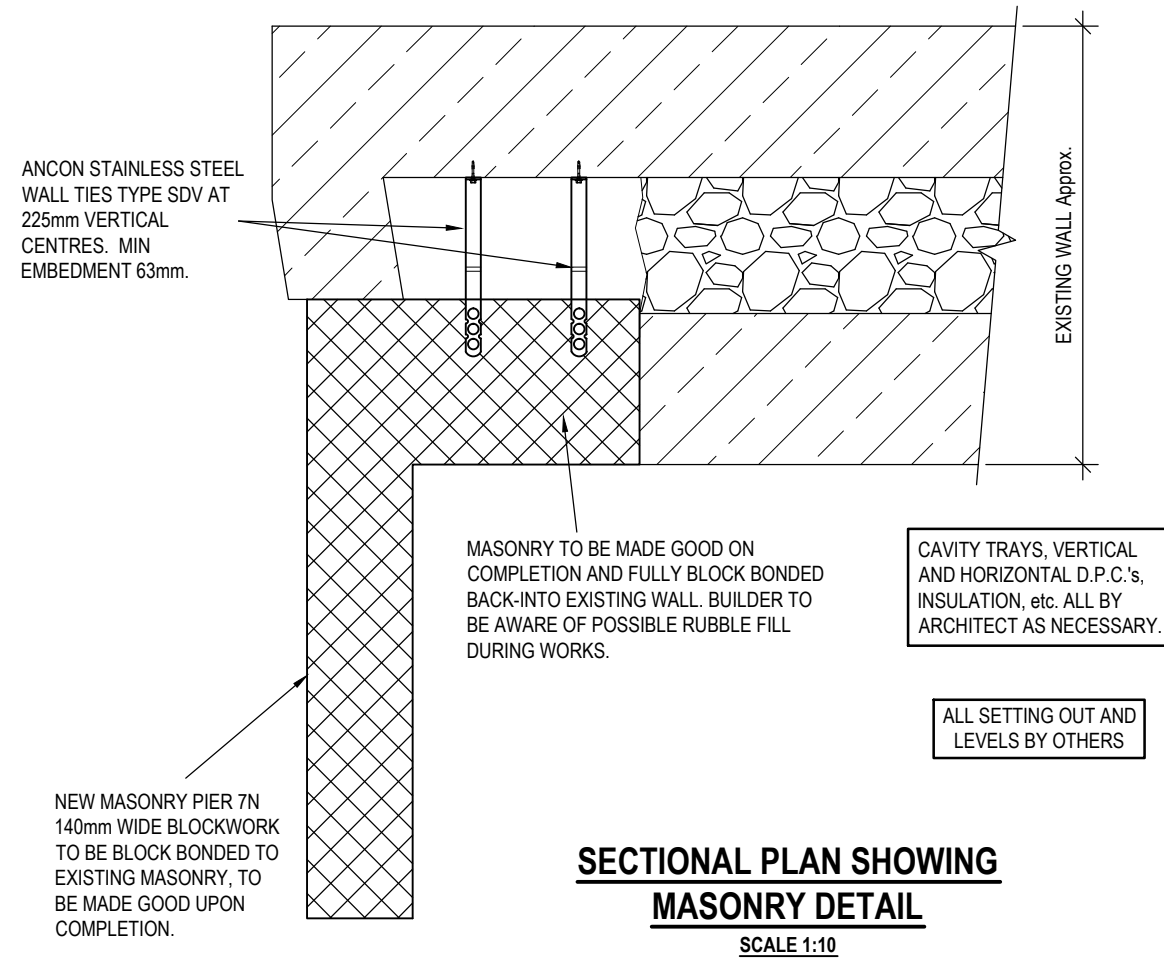
**SECTION '1 - 1' THROUGH 150 PFC SHOWING CONNECTION TO 152 UC**  
SCALE 1:10



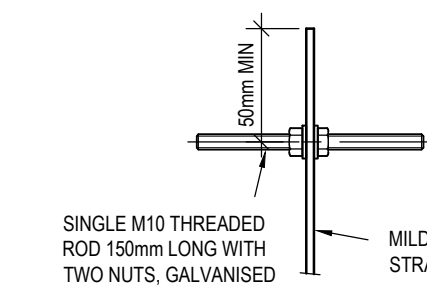
**SECTION SHOWING STRAPPING DETAIL TO PROPOSED FLOOR JOISTS PERPENDICULAR TO WALL**  
SCALE 1:10



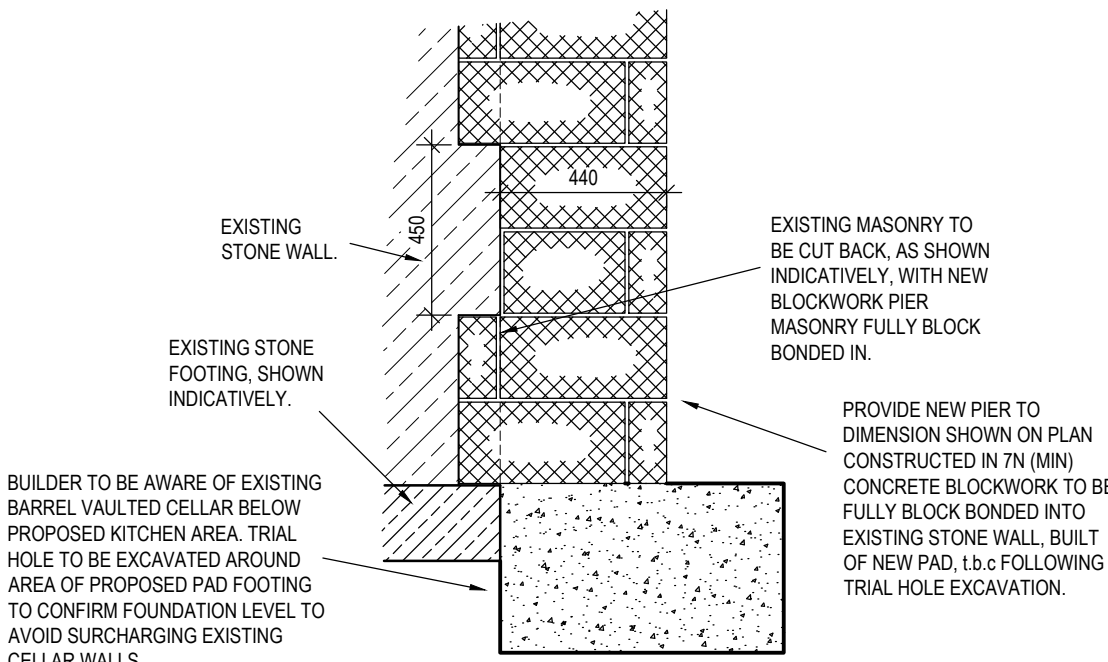
**TYPICAL SECTION THROUGH POLEPLATE FIXING DETAIL TO EXISTING WALL**  
SCALE 1:10



**SECTIONAL PLAN SHOWING MASONRY DETAIL**  
SCALE 1:10



**ENLARGED DETAIL ON STRAP END**  
SCALE 1:5



**SECTIONAL ELEVATION ON PROPOSED MASONRY PIER**  
(Block Bonding / Tooting Detail)  
SCALE 1:20

|                                                                                          |                          |                       |                                |                       |
|------------------------------------------------------------------------------------------|--------------------------|-----------------------|--------------------------------|-----------------------|
| PROJECT<br><b>NEW LANE FARM<br/>SCAPEGOAT HILL<br/>HD7 4NY</b>                           |                          |                       |                                |                       |
| TITLE<br><b>PROPOSED FLOOR PLANS SHOWING<br/>STRUCTURE OVER SECTIONS AND<br/>DETAILS</b> |                          |                       |                                |                       |
| PROJECT No.<br><b>2016/042</b>                                                           | DRAWING No.<br><b>01</b> | AMENDMENT<br><b>A</b> | DATE DRAWN<br><b>16 MAR 16</b> | DRAWN BY<br><b>DF</b> |
| Amendment Note<br>A - Minor amendments following clients comments.                       |                          |                       |                                |                       |
| Date Revised<br>07 / 04 / 2016                                                           |                          |                       |                                |                       |

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