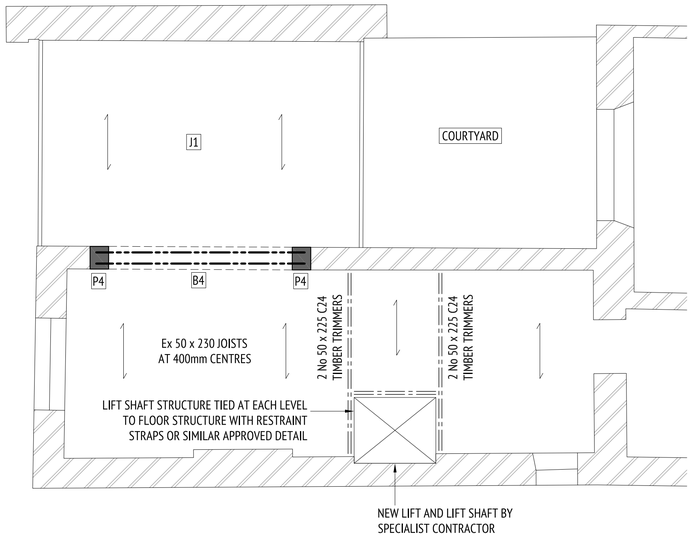
SCALE: AS SHOWN AT A1

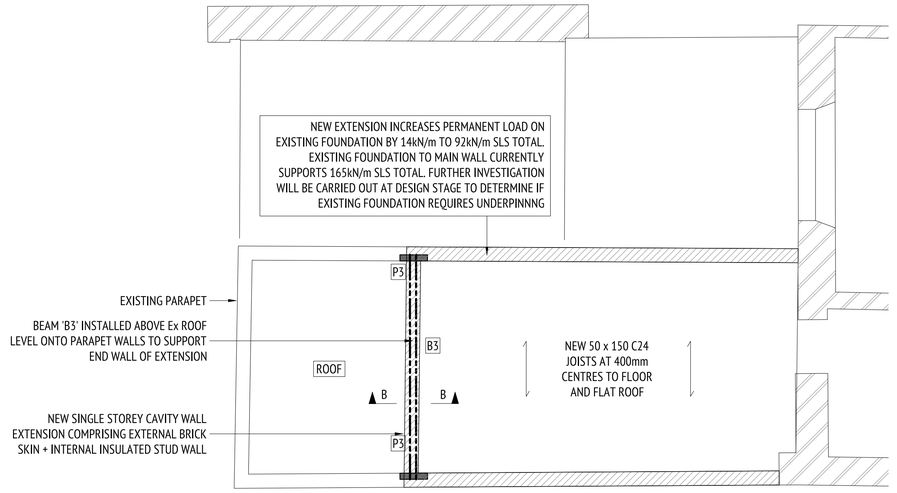
JOB No: 0111 **REV**

DRAWING No: 002 **F**



GROUND FLOOR PLAN SHOWING STRUCTURE OVER

SCALE 1:50



2ND FLOOR PLAN SHOWING STRUCTURE OVER

SCALE 1:50

LOWER GROUND FLOOR PLAN SHOWING STRUCTURE OVER

SCALE 1:50

1ST FLOOR PLAN SHOWING STRUCTURE OVER

SCALE 1:50

GENERAL :

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
3. ALL DIMENSIONS SHALL BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO WORK BEING CARRIED OUT
4. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE EXISTING STRUCTURE AT ALL TIMES DURING THE WORKS.
5. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND RELEVANT STRUCTURAL SPECIFICATIONS.
6. FOR SETTING OUT OF WALLS AND FLOORS SEE ARCHITECTS DRAWINGS.

TIMBER

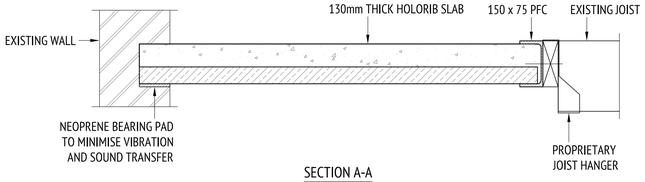
1. THE WHOLE OF THE STRUCTURAL TIMBER IS TO COMPLY WITH THE RELEVANT CLAUSES OF BS EN 1995-1.
2. THE GRADE OF ALL STRUCTURAL TIMBER SHALL BE NOT LESS THAN C24 OR AS NOTED OTHERWISE ON THE DRAWINGS AND SPECIFICATION.
3. ALL TIMBER SHALL BE PRESSURE IMPREGNATED WITH PRESERVATIVE AND ALL CUT ENDS OR SURFACES SHALL BE RETREATED WITH A BRUSH APPLIED COAT OF THE SAME PRESERVATIVE.
4. PRESERVATIVE TREATMENT OF TIMBER IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS 8417 AND BS EN 599:1.
5. THE MOISTURE CONTENT OF THE TIMBER WHEN FIXED SHALL NOT BE GREATER THAN 20% AND THE MOISTURE CONTENT SHALL NOT BE EXCEEDED AFTER ERECTION.
6. NAILS GENERALLY SHALL BE HARD DRAWN, GALVANISED WIRE.
7. HOLES FOR BOLTS SHALL BE DRILLED WITH A DIAMETER NOT MORE THAN 1.6mm GREATER THAN THE BOLT SIZE.
8. ALL BOLTS, NUTS AND WASHERS SHALL BE GALVANISED MILD STEEL AND BE MINIMUM GRADE 4.6 UNLESS NOTED OTHERWISE ON THE DRAWINGS.
9. WASHERS BEARING ON TIMBER SHOULD HAVE A DIAMETER 3 TIMES THAT OF THE BOLT AND A THICKNESS 0.25 TIMES THAT OF THE BOLT. WASHERS BEARING ON SLOPING FLANGES ARE TO HAVE THE CORRECT TAPER TO GIVE LEVEL BEARING ON THE NUT.
10. ALL JOIST HANGERS/MECHANICAL FASTENERS ETC. ARE TO BE GALVANISED MILD STEEL AND ARE TO BE FULLY NAILED/SCREWED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
11. JOISTS ARE TO BE FULLY NOGGINED AT THE ENDS AND AT MID SPAN UNLESS NOTED OTHERWISE ON THE DRAWINGS.

STRUCTURAL STEELWORK:

1. THE WHOLE OF THE STRUCTURAL STEELWORK IS TO COMPLY WITH THE RELEVANT CLAUSES OF BS EN 1993 AND THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION UNLESS MODIFIED BY THE SPECIFICATION.
2. ALL BOLTS ARE TO BE GRADE 8.8.
3. ALL STRUCTURAL UBs, UCs, PFCs TO BE GRADE s275.
4. STEELWORK TO BE GALVANISED OR PAINTED IN ACCORDANCE WITH ARCHITECT'S SPECIFICATION

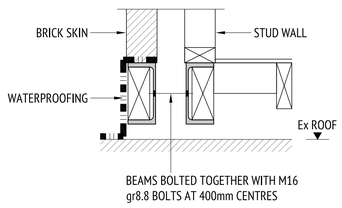
KEY

B1	150 x 75 PFC 18kg/m s275
B2	150 x 90 PFC 24kg/m s275
B3	2 No 200 x 90 PFCs 30kg/m s275
B4	2 No 178 x 102 UB 19kg/m s275
S1	130mm THICK HOLORIB
P1	300mm (l) x 100mm (w) x 150mm (d) CONCRETE PADSTONE
P2	450mm (l) x 100mm (w) x 150mm (d) CONCRETE PADSTONE
P3	1000mm (l) x 100mm (w) x 450mm (d) CONCRETE PADSTONE
P4	230mm (l) x 300mm (w) x 150mm (d) CONCRETE PADSTONE
J1	NEW 50 x 150 C24 JOISTS AT 400mm CENTRES



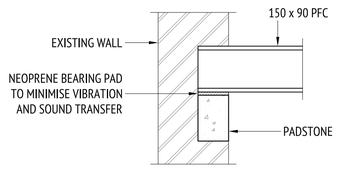
SECTION A-A

SCALE 1:10



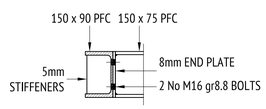
SECTION B-B

SCALE 1:10



PADSTONE DETAIL

SCALE 1:10



150 x 75 PFC TO 150 x 90 PFC CONNECTION DETAIL

SCALE 1:10

JAMES FRITH LTD

CONSULTING CIVIL AND STRUCTURAL ENGINEERS

+44 (0) 7876762553 | www.jamesfrithltd.com | office@jamesfrithltd.com

PROJECT:	**15 FITZROY SQ**
TITLE:	PROPOSED LIFT SHAFT SUPPORT STRUCTURE
STATUS:	TENDER
CLIENT:	P. DE WECK