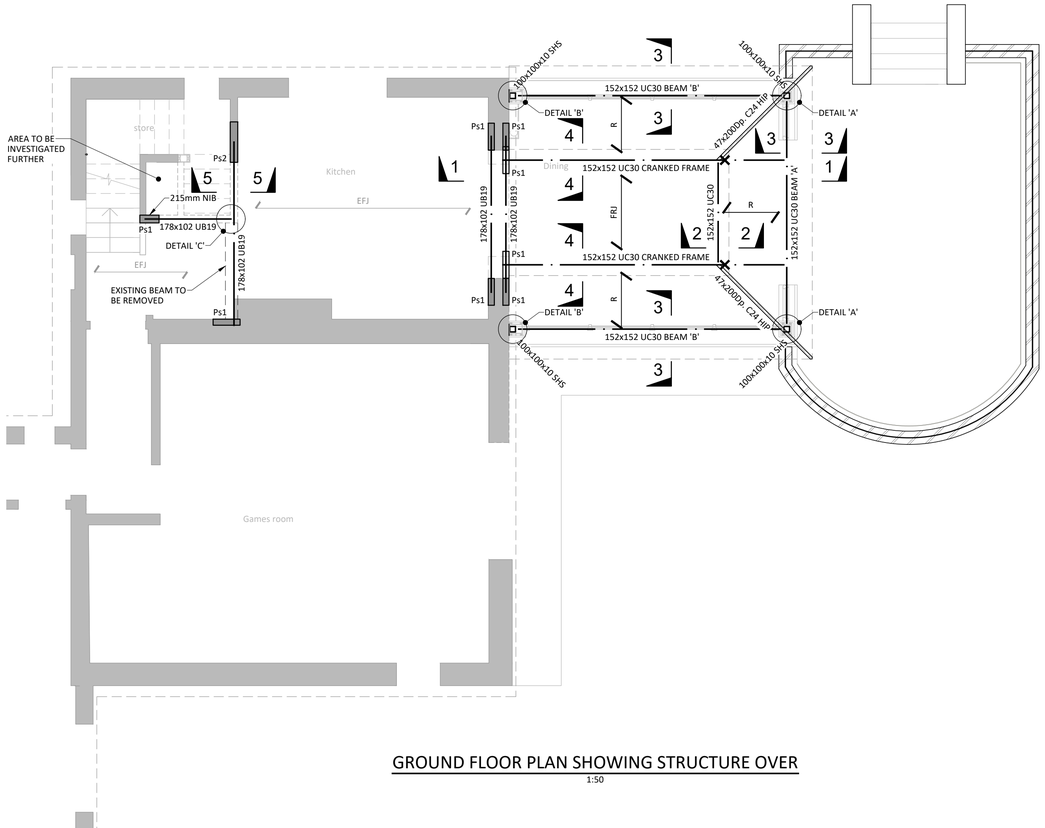


GROUND FLOOR PLAN SHOWING STRUCTURE OVER
1:50

LEGEND

	DENOTES EXISTING STRUCTURE.
EFJ	DENOTES ASSUMED SPAN OF EXISTING FLOOR JOISTS.
R	DENOTES SPAN OF 47x150mm Dp. C24 RAFTERS @ 400mm c/c.
FRJ	DENOTES SPAN OF 47x175mm Dp. C24 FLAT ROOF JOISTS @ 400mm c/c. LINED WITH 18mm THK. CLASS 2 PLY.
	DENOTES PADSTONE - REFER TO SCHEDULE.
1	DENOTES 30x5 GALV. MILD STEEL RESTRAINT STRAPS @ 1500mm c/c. BENT OVER INNER LEAF & TAKEN OVER MIN. 3 BEAMS & GROUTED IN PLACE. PLUGGED & SCREWED TO BLOCKS @ 150mm c/c

BLOCKWORK

	DENOTES LOAD BEARING BLOCKWORK UNLESS NOTED OTHERWISE.
	DENOTES NON LOADBEARING PARTITION WALL FULLY TIED INTO ADJACENT WALLS.

ALL BLOCKWORK TO BE 7.3N/mm² UNLESS NOTED OTHERWISE

PADSTONE SCHEDULE

MINIMUM BEARINGS ONTO PADSTONE (UNLESS NOTED OTHERWISE)

PERPENDICULAR BEARING: FULL BEARING

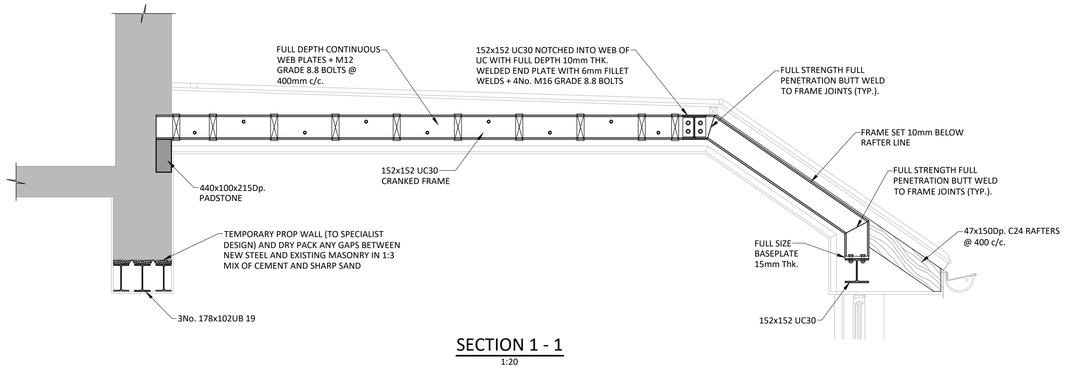
PARALLEL OR CORNER BEARING: 225

REF:	TYPE
Ps1	440 x 100 x 215mm Dp. CONCRETE PADSTONE
Ps2	440 x WALL WIDTH x 215mm Dp. CONCRETE PADSTONE

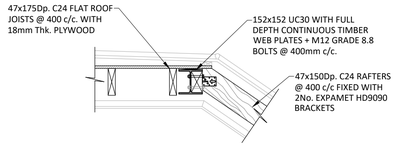
BEAMS TO BE LOCATED CENTRAL UNLESS NOTED OTHERWISE

STEELWORK FABRICATION DRAWINGS SUBMITTED TO PMA & ARCHITECT FOR CHECKING PRIOR TO MANUFACTURE

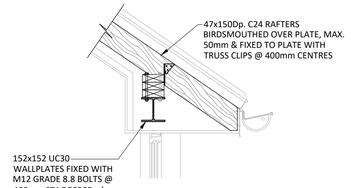
MULTIPLE TIMBERS FIXED WITH 2No. TIMBERLOK SCREWS @ 500mm c/c. UNLESS NOTED OTHERWISE



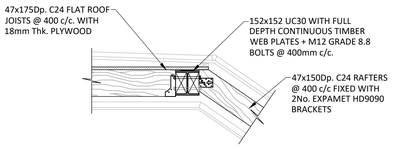
SECTION 1 - 1
1:20



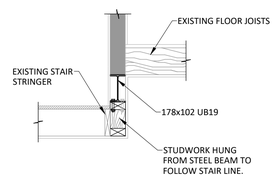
SECTION 2 - 2
1:20



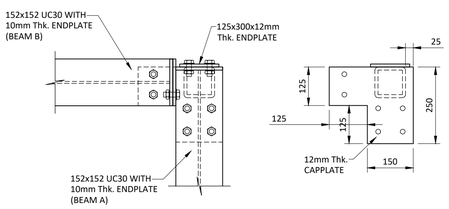
SECTION 3 - 3
1:20



SECTION 4 - 4
1:20



SECTION 5 - 5
1:20

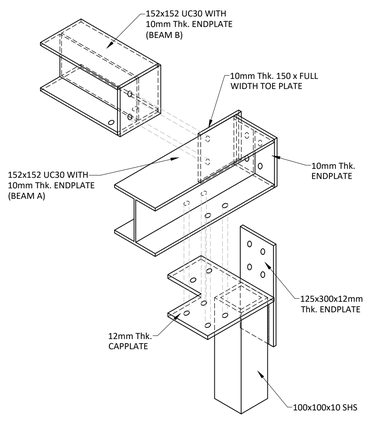


PLAN

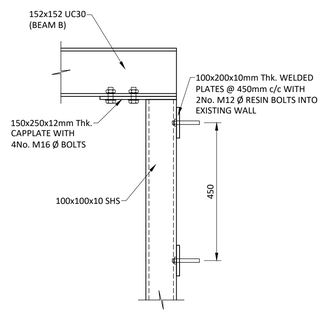
CAPLATE DETAIL

DETAIL'A'
1:10

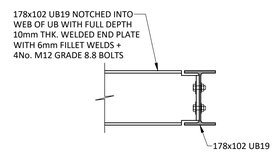
USE M16 Ø BOLTS



DETAIL 'A' ISOMETRIC
1:10



DETAIL'B'
1:10



DETAIL 'C'
1:10

Drawn by L. Herbert | Checked by P. Brown

HEALTH & SAFETY (CDM REGULATIONS 2015) RESIDUAL RISK ITEMS

FOLLOWING COMPLETION OF OUR RISK ASSESSMENT (SEE SEPARATE DOCUMENT) WE LIST BELOW THE PRINCIPLE RESIDUAL RISK ITEMS WHICH WE BELIEVE TO BE ASSOCIATED WITH THIS PROJECT REGARDING THE STRUCTURAL ENGINEERING DESIGN WORK

1. SPECIALIST LIFTING EQUIPMENT REQUIRED FOR STEEL BEAMS.
2. CONTRACTOR TO ENSURE STABILITY OF EXISTING WALLS IS MAINTAINED DURING THE WORKS WHERE WALLS/FLOORS ARE BEING REMOVED AND GROUND LEVELS ARE BEING LOWERED CONSIDERATION TO BE GIVEN TO TEMPORARY PROPPING/BRACING TO SPECIALIST DESIGN AND DETAILS

NOTES

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEERS DETAILS & SPECIFICATIONS.
3. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. ALL WORKS TO COMPLY WITH THE RELEVANT STANDARDS, CODES OF PRACTICE AND THE BUILDING REGULATIONS.
6. THE CONTRACTOR SHALL ENSURE THAT STABILITY OF THE BUILDING & ADJACENT PREMISES IS MAINTAINED AT ALL STAGES OF CONSTRUCTION. CONTRACTOR IS TO DESIGN, INSTALL & MAINTAIN ALL NECESSARY TEMPORARY WORKS AND PROGRAMME THE WORK ACCORDINGLY.
7. NEW MASONRY BONDED INTO EXISTING.
8. MORTAR CLASSIFICATION AS DEFINED IN TABLE 1 OF BS5628:PART 1 TO BE USED (U.N.O.) AS FOLLOWS: ABOVE DPC MORTAR DESIGNATION CLASS M4 (iii)
9. PROVIDE 2 COURSES OF BRICKTOR REINFORCEMENT IN BED JOINTS ABOVE/BELOW ALL OPENINGS,TO EXTEND A MINIMUM OF 900mm BEYOND REVEALS U.N.O.
10. ALL STEELWORK CONNECTIONS TO INCORPORATE MINIMUM 4 No. M16 GRADE 8.8 BOLTS, UNLESS NOTED OTHERWISE (MIN. 2 No TO PFCs), GENERALLY 10mm Thk. END PLATES, 6mm FILLETS WELDS
11. FIRE ENCASEMENT OF STEELWORK SHALL BE IN ACCORDANCE WITH ARCHITECT'S DRAWINGS.
12. ALL STEELWORK TO BE EXECUTION CLASS 2 AND GRADE S355 TO BS EN 2005. PAINTED WITH 80 MICRONS HIGH BUILD ZINC PHOSPHATE PRIMER AND SHALL COMPLY WITH NATIONAL STEELWORK SPECIFICATION (NSSS 7th EDITION).
13. ALL POSTS AND COLUMNS TIED TO ADJACENT MASONRY WITH ANCON SPB TYPE TIES AT 450 CENTRES, UNLESS NOTED OTHERWISE.
14. ALL STEELWORK WITHIN CAVITY TO HAVE 2 COATS BITUMASTIC PAINT.
15. ALL STAINLESS STEEL / MILD STEEL INTERFACES TO BE INSULATED USING NEOPRENE WASHERS / TAPE OR EQUIVALENT APPROVED.
16. SOLID NOGGINS; 1 SET AT MID POINT FOR SPANS OF 2.5m TO 4.5m. ALL TIMBER SHALL BE MIN. GRADE C16 IN ACCORDANCE WITH BS:5268 U.N.O. AND TO BE TANALISED OR 'VAC-VAC' TREATED. ALL CUT ENDS TO BE RETREATED PRIOR TO FIXING. FLOOR/ROOF JOISTS TO BE SUPPORTED FROM RESTRAINT TYPE JOIST HANGERS. MULTIPLE TIMBERS TO BE BOLTED TOGETHER WITH GRADE 8.8 M12 BOLTS AT 400mm CENTRES, STAGGERED VERTICAL CENTRES AND OVERSIZED WASHERS
17. ALL JOIST HANGERS SHALL BE GALVANISED AND COMPLY WITH BS EN845.

PRELIMINARY ISSUE
FOR PRICING PURPOSES ONLY

THIS DRAWING INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

Rev	Date	Description
-	09/12/24	FIRST ISSUE

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e-mail: info@paulmolineux.co.uk

Project: St Katherines, Forge Lane, Shorne, DA12 3DP

Title: Part Plan at Ground Floor Showing Roof Structure Over

Date Dec. 2024 | Scales 1:50, 1:20 | At A1

Job No.	Drawing No.	Rev.
6124	S.02	-