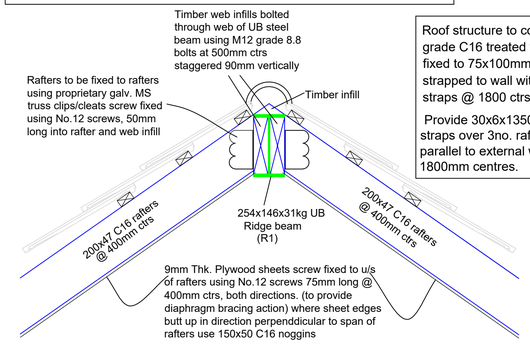
ALL DIMENSIONS TO BE CHECKED AND CONFIRMED ON SITE

SEQUENCING OF CONSTRUCTION WORKS AND REQUIREMENT FOR TEMPORARY WORKS IS TO BE CONSIDERED BY MAIN CONTRACTOR, APPOINTED SUBCONTRACTORS AND TEMPORARY WORKS ENGINEER, PRIOR TO COMMENCEMENT ON SITE.

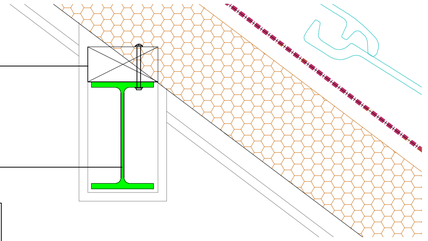


R1 - Steel Ridge Detail (N.T.S)

(Detail A) A

Roof structure to comprise 47x200 grade C16 treated timber rafters fixed to 75x100mm s/w wall plate strapped to wall with 1200x30x5 m/s straps @ 1800 ctrs.

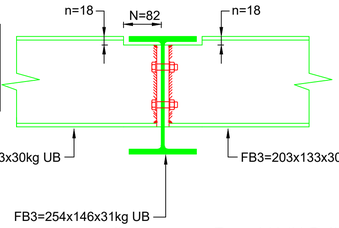
Provide 30x6x1350mm galv m/s straps over 3no. rafters when parallel to external walls @ 1800mm centres.



Steel purlin to rafter detail (N.T.S)

(Detail B) A

FB2 & FB3 to have 150mm wide x 185mm deep x 12mm thick endplate welded with 8mm full profile fillet weld and bolted to 254x146x31kg UB with 4No.M16 bolts



Connection Detail X (N.T.S)

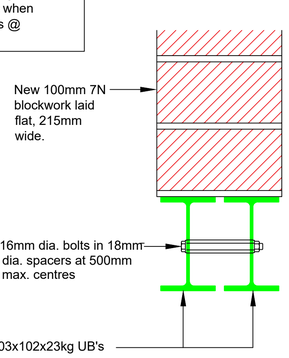
Fix 30 x 5mm galvanised m.s. restraint straps at maximum 2m ctrs to external walls at right angles to joists- straps to span over min 3no. joists and be built into wall - provide timber support noggins below straps

herring bone strutting between joists to be either 38 x 38mm sw or proprietary galv m.s.struts fitted in accordance with manufacturers instructions
Struts to be one row at over 2.5m or two rows over 4.5m

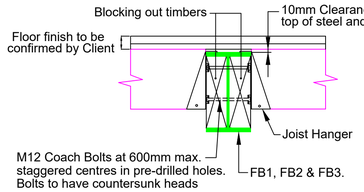
Joists at junctions with external walls to be supported on suitable proprietary galvanised m.s. hangers fixed in accordance with manufacturers instructions & to be in line with BRE Good Building guide 21.
Provide solid blocking between joists at wall junction
Alternatively joists to be supported on treated sw poleplate resin anchor bolted at 600ctrs to wall in accordance with manufacturers/engineers instructions

A

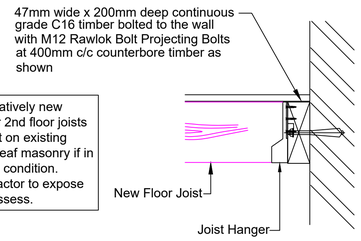
ALL HEIGHTS AND DIMENSIONS TO BE CHECKED PRIOR TO INSTALLATION OF ANY STEELWORK AND CONNECTION DETAILS



A Detail C (N.T.S)



Blocking out restraint detail (N.T.S)



Alternatively new timber 2nd floor joists can sit on existing inner leaf masonry if in sound condition. Contractor to expose and assess.

A Typial timber to masonry fixing detail (N.T.S)

75MM WIDE X 200MM DEEP, C16 TIMBER 2ND FLOOR JOISTS AT 400MM MAX. CENTRES

PADSTONE (R1) Intermediate bearing = Width to suit wall (215mm) x min. 300mm long x 150mm deep concrete padstone. Beam to have 100mm bearing onto padstone.

PADSTONE TO FB1 = Width to suit wall x min. 300mm long x 150mm deep concrete padstone. Beam to have 225mm bearing onto padstone.

PADSTONE TO FB2/FB3/FB4 100mm wide x 300mm long x 150mm deep concrete padstone. Beam to have 100mm bearing onto padstone.

PADSTONE TO FB5 (LHS) 100mm wide x 300mm long x 215mm deep concrete padstone. Beams to have 100mm bearing onto padstone. A

PADSTONE (R1) & (P1) End bearings & FB1 (LHS) = 100mm wide x min. 300mm long x 150mm deep concrete padstone. Beam to have 100mm bearing onto padstone.

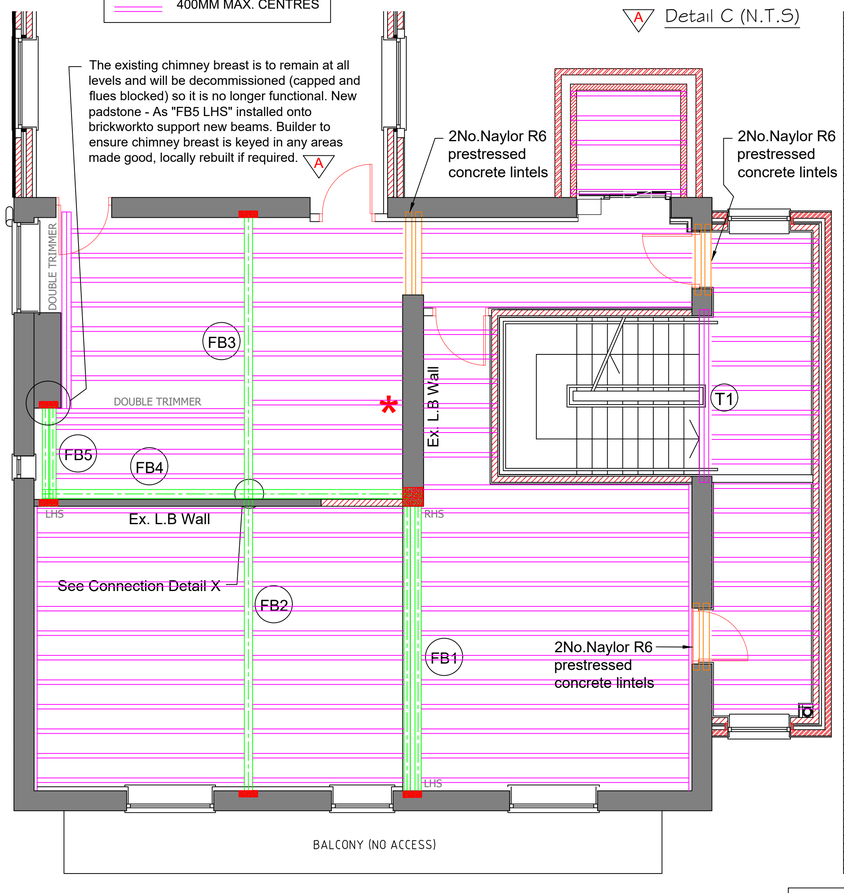
ALL LINTELS OVER EXISTING OPENINGS TO BE REPLACED IF ADDITIONAL LOAD IS TO BE APPLIED.
IF EXISTING LINTELS ARE TO BE RETAINED, BUILDING INSPECTOR/S. ENGINEER TO APPROVE PRIOR TO CONSTRUCTION

T1 A
3No.75x200mm deep, Grade C16 timber sections bolted together with M12 coach bolts at 500mm max. staggered centres.

New Catnic type lintels over all new openings in external walls unless otherwise noted.
New lintels to suit construction type and wall width.

CONDITION OF EXISTING MASONRY TO BE CHECKED BEFORE PADSTONES ARE INSTALLED AND TO BE LOCALLY REBUILT IF NECESSARY

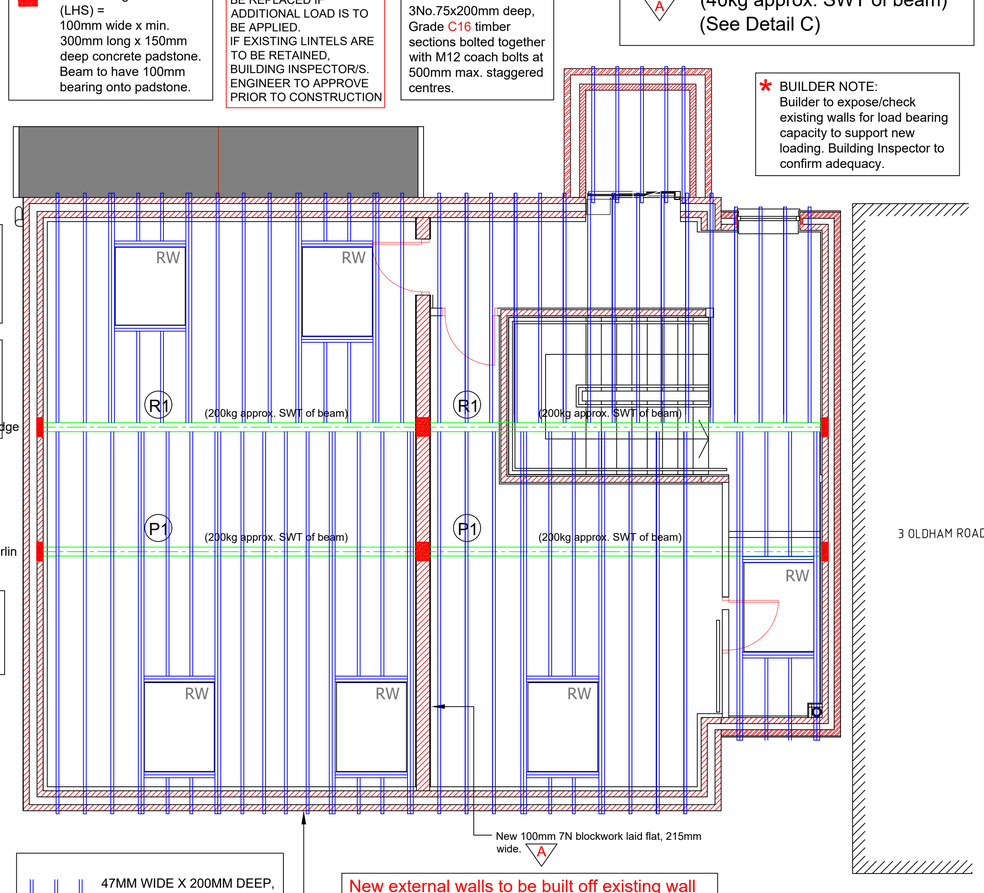
The existing chimney breast is to remain at all levels and will be decommissioned (capped and flues blocked) so it is no longer functional. New padstone - As "FB5 LHS" installed onto brickworkto support new beams. Builder to ensure chimney breast is keyed in any areas made good, locally rebuilt if required. A



3 OLDHAM ROAD

Ridge

Purlin



47MM WIDE X 200MM DEEP, C16 TIMBER RAFTERS AT 400MM MAX. CENTRES.

New external walls to be built off existing wall below. Height, construction width and materials to be confirmed by Architect prior to installation of any steelwork and bearings.

Proposed 2nd Floor showing new roof member layout (1:50)

CONTRACTOR TO ENSURE ADEQUATE TEMPORARY PROPPING, NEEDLE STITCHING ETC IS IN PLACE

Proposed 1st Floor showing new 2nd floor structural layout

ALL STEELWORK FABRICATION SUBJECT TO SITE MEASURE AND CO-ORDINATION WITH MAIN CONTRACTOR

ROOF BEAM REFERENCE

R1 — 254 x 146 x 31kg UB (See Detail A) A

P1 — 254 x 146 x 31kg UB (See Detail B) A

FLOOR BEAM REFERENCE

FB1 — 2No.203x102x23kg UB's (115kg approx. SWT of beam) (See Detail C)

FB2 — 203 x 133 x 30kg UB (165kg approx. SWT of beam)

FB3 — 203 x 133 x 30kg UB (125kg approx. SWT of beam)

FB4 — 254 x 146 x 31kg UB (195kg approx. SWT of beam) OR 203 x 203 x 46kg UC (290kg approx. SWT of beam)

FB5 A — 2No.203x102x23kg UB's (40kg approx. SWT of beam) (See Detail C)

* BUILDER NOTE: Builder to expose/check existing walls for load bearing capacity to support new loading. Building Inspector to confirm adequacy.

GENERAL NOTES

All dimensions are in millimetres unless otherwise noted.
Contractor to be responsible for checking all dimensions on site prior to work commencing.
All work to be carried out in accordance with British Standards and Codes of Practice.
Contractor to be responsible for all necessary temporary support and bracing to ensure stability of the building during the works.

STEELWORK

All steelwork to be new and grade S355 unless otherwise noted.
All bolts to be grade 8.8.
All welds to be 6mm fillet unless otherwise noted.
All steelwork to be blast cleaned to Sa 2.5, steelwork to receive two coats of zinc phosphate primer except where encased in concrete. Any damage to be touched up on site.
Steelwork to be provided with 2 layers of 15mm fireline board OR similar to give 1 hour fire protection.

PADSTONES

Concrete padstones to be grade 35 with 20mm nominal maximum size of aggregate. Concrete to be fully compacted using suitable mechanical vibration.

STRUCTURAL TIMBER

All softwood structural timbers are to be C16 unless otherwise stated and pre-treated with preservative via double vacuum impregnation process
All certificates to be presented to the Contract Administration.
All cut ends to be treated by brush application on site.

DO NOT SCALE OFF THE DRAWINGS.

If there is any doubt regarding any aspects of the drawing contact the Agent immediately.

All statutory site inspections must be arranged by the Contractor, this is to include a completion inspection. A completion certificate is to be obtained at the end of the job.

It is the Building Contractors responsibility to submit all notices for Building Regulation Inspections before work is covered over and to comply with the inspectors requirements and receive his approval of the completed works.

THIS DRAWING TO BE READ IN CONJUNCTION WITH LATEST ARCHITECTS DRAWINGS FOR BUILDING REGULATION REQUIREMENTS I.E VENTILATION, INSULATION VALUES.

SCALE AS SHOWN AT A1

REV.	DESCRIPTION	BY	DATE
A	Amendments made to suit revised layout and on-site conditions.	S. King	Dec. 2025

Client: Mr. Howard Keast

Job: Cask & Feather Public House. 1 Oldham Road, Rochdale, OL16 1UA.

Drg: Proposed 2nd floor and roof structural layout with details

Drawn	Date	Scale
S.King	June 2024	As Shown
Job No. D24.06.02	Drg No. STRUCT01A	

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