

Roof Structure to comprise:-

147 x 47 treated rafters @ 400mm centres
147 x 47 treated ceiling joists @ 400mm centres

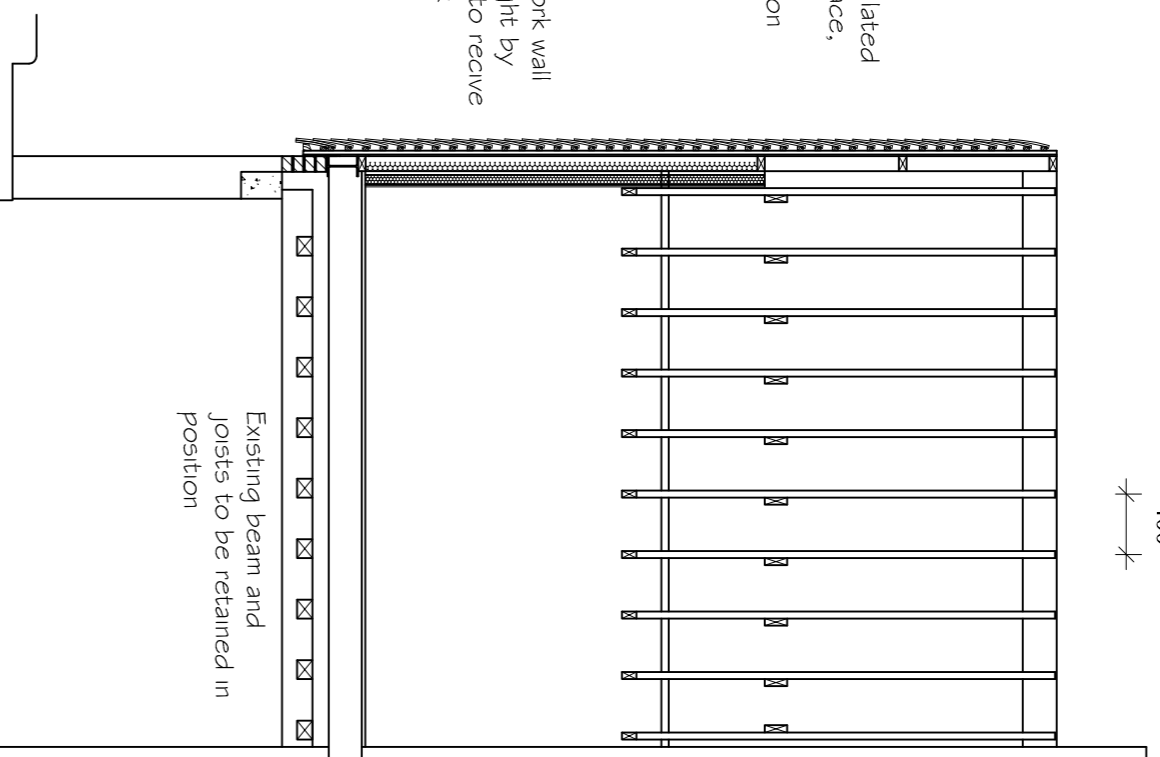
400

Hanging tiles on ventilated cavity battens air space, counter battens, breather membrane on 9mm WBP plywood

Existing brickwork wall reduced in height by about 280mm to receive beam and block

Existing beam and joists to be retained in position

Existing brickwork wall reduced in height by about 280mm to receive beam and block



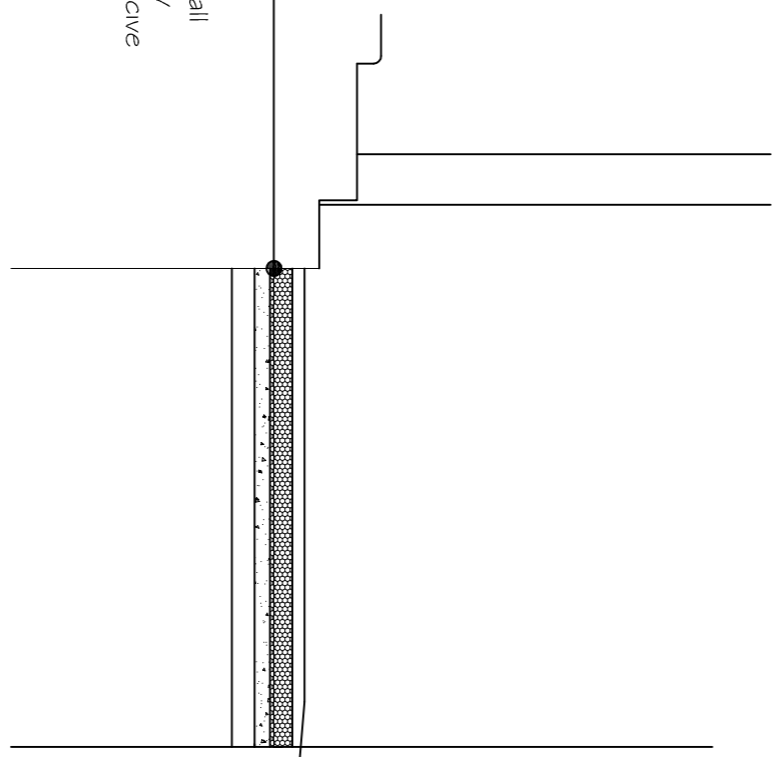
465mm difference between the existing and new floor level. This to be checked on site

Existing support post to be retained

Existing brick pier to be retained.

Section A - A

Existing brickwork wall reduced in height by about 280mm to receive beam and block



465mm difference between the existing and new floor level. This to be checked on site

Section B - B

75mm sand/cement screed
100mm Celotex insulation
100mm concrete on DPM
150mm hardcore under sand blinding

Detail Through Solid Floor

Existing roof to be cut back and then made good to new external wall

1697

Dimension to be checked and assessed on site

Hanging tiles on ventilated cavity battens air space, counter battens, breather membrane on 9mm WBP plywood

New studwork walling built off of existing masonry walling

Section C - C

Steel beams to Structural Engineers design and calculations

60mm Celotex GA 4060 cut between the studs to maintain a 40mm gap on the cold side

25mm batten to maintain wing gap

Celotex F140G5 + 12.5 thermal laminate board

New 47 x 220 treated timber joists at 400mm c/c

Existing beam and joists to be retained in position

Hanging tiles on ventilated cavity battens air space, counter battens, breather membrane on 9mm WBP plywood

Tyvek breathable membrane

50 x 25 treated counter battens at 600 c/c

12mm external WBP plywood sheathing

100 x 47 studwork outer wall of cavity walling

Steel beams to Structural Engineers design and calculations

New 47 x 220 treated timber joists at 400mm c/c

Existing beam and joists to be retained in position

Brickwork to be made good as required

Top of existing brickwork wall capped with insul concrete for support

Existing front wall to be retained subject to a structural analysis

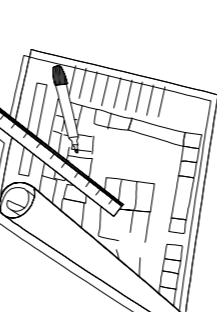
Detail Through Beam and Block Floor

75mm sand/cement screed
100mm Celotex insulation
100mm concrete on DPM
150mm beam and block flooring to Specialist design
Structural thickness of floor 425mm

A	Date	Revisions
1	10 April 19	Additional Notes Added

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Client: MR AHMET TOPCU

Job Title: 21 - 23 Church Street
Basingstoke
RG21 7QQ

Drawing Title: Restaurant Addition
Structural Details -
Proposed Sections

Scale: 1:50 & 1:10

Date: Jan 2019 Drawn By:

Drawing No: ICS/1968/54

Rev: A