

DRAINAGE:
Top of drain runs to have min. 1 in 40 fall. Existing drainage system maintained. New rainwater drainage to discharge to one of the following outfalls, listed in order of priority: 1) Soakaway [sited min. 5m from any building or road, subject to percolation tests], 2) Watercourse, 3) Sewer. Final discharge method to be agreed with DBS on site.

Remove doors, window and brickwork to form new bi-fold door opening with beam over to Eng. details.

203 x 133 x 25 kg/m UB over sat on min. 330 x 100 x 215mm deep concrete padstones to each end to Eng. details.

25mm thick Isover APR 1200 Insulation (hung centrally) to partition.

1/2hr fire door from Garage to Utility fitted with Intumescent strips and smoke seals. Door to be fitted with self-closing device.

2 layers 15mm plasterboard and skim around Exg. svp. and new low level boxing within garage to give 1/2 hr. fire protection.

Steel beams in Garage: 178 x 102 x 19 kg/m UB over inner and outer leaf sat on min. 440 x 100 x 215mm deep concrete padstones to each end to Eng. details.

ground floor plan

Scale: 1/50

(SD) Denotes position of ceiling mounted optical smoke detector (EI146 Alarm or EI156TLH by Alco or equal).

(HD) Denotes position of ceiling mounted heat detector (EI144 Alarm or EI154TL by Alco or equal).

Existing smoke detectors (if fitted) to be upgraded to Self contained optical smoke detectors and heat detectors as shown and to be interconnected and wired to mains distribution board via separately fused circuit (or from a separately electrically protected, regularly used local lighting circuit provided the power to the alarms can be isolated without isolating the lighting) to BS 5839-6:2013 and IEE 17th Edition Wiring Regulations (existing system to be confirmed acceptable or upgraded to satisfaction of BCO). Alco manufacture products to comply with the above.

Remove existing stud wall and build new wall to form En-suite as shown.

178 x 102 x 19 kg/m UB over sat on min. 215 x 100 x 215mm deep concrete padstones to each end to Eng. details.

At junction between exg. and proposed cavity walls, form continuous cavity with new walls by block bond to inner leaf and fully toothed to outer leaf (or the using proprietary joining system eg. CROCODILE wall ties by Simpson Strong Tie (subject to client and DBS approval).

first floor plan

Scale: 1/50

PROPOSED FLOOR PLANS

PROPOSED EXTENSION

AT
21 FOUR LANDS CLOSE
BARUGH GREEN
BARNESLEY
S75 1QD

MR & MRS JOHNSON

SCALE (A3)
1/50
DATE
MAY 2015

PROJECT NO
413
DRAWING NO
02
REVISION
D

Barber Design Limited

21 Mountbatten Drive
Burncross
Sheffield
S35 1WF

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All dimensions to be verified on site prior to commencing any work DO NOT SCALE FROM DRAWING

Rev. D	By: TTB	07/01/2019
Client's name & job No. amended to new home owner. Front elevation amended to form porch. Internal alterations & Bi-fold doors added.		
Rev. C	By: TTB	29/05/2018
Amended inline with Engineers Calculations.		
Rev. B	By: TTB	01/02/2017
Building Regulations / construction notes added.		
Rev. A	By: TTB	15/08/2016
Internal alterations to clients instructions.		
REVISION:		