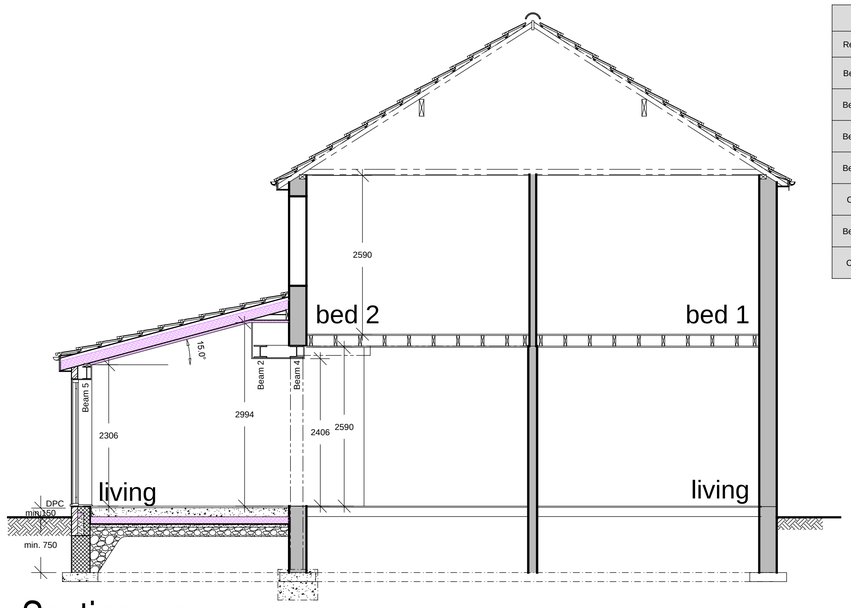
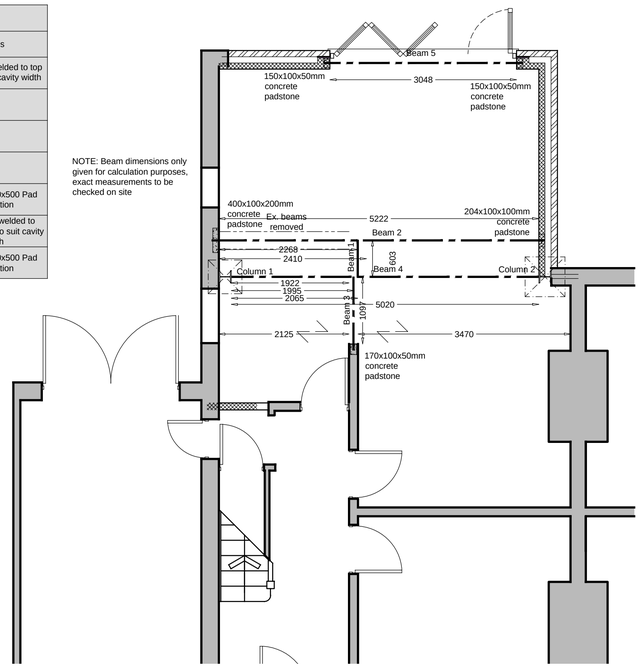


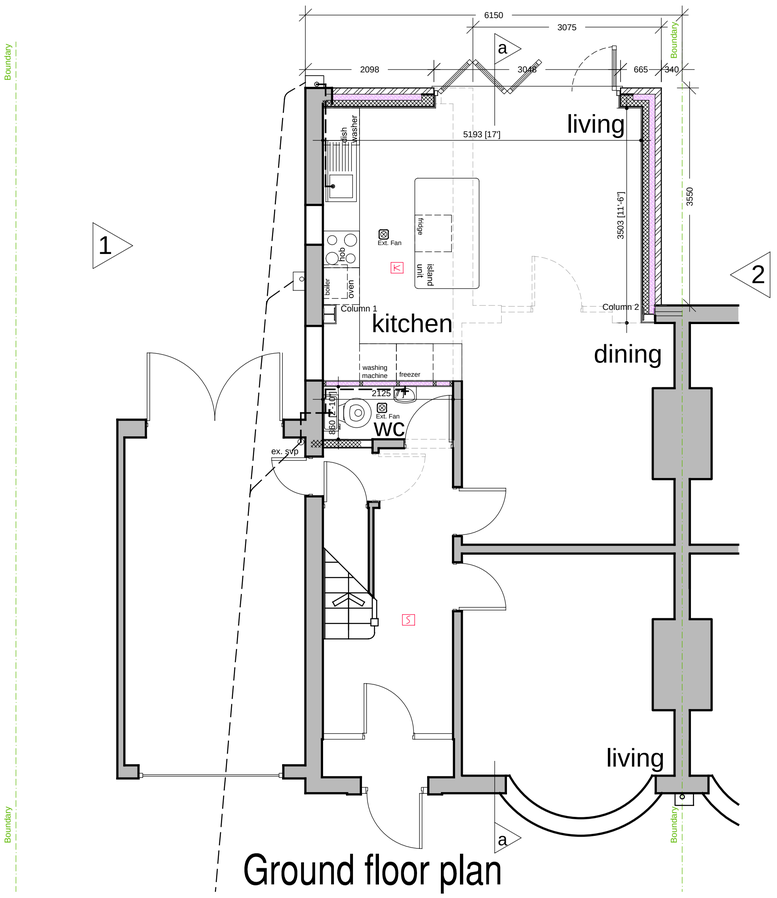
Section a-a

STRUCTURAL BEAM SIZES							
Ref.No.	No.	Size	Weight	Type	Padstone (R1)	Padstone (R2)	Notes
Beam 1	1	203x203	46Kg	UC	70x70x8 cleats welded & bolted	70x70x8 cleats welded & bolted	10mm plate welded to top flange to suit cavity width
Beam 2	1	203x203	46Kg	UC	400x100x200	204x100x100	-
Beam 3	1	152x89	16Kg	UB	70x70x8 cleats welded & bolted	89x170x50	-
Beam 4	1	203x203	52Kg	UC	16mm plate welded to end bolted to column	16mm plate welded to end bolted to column	-
Col. 1	1	203x203	46Kg	UC	Min. 225x225x5	-	min. 550x550x500 Pad foundation
Beam 5	1	160x80	4 HF	RHS	150x100x50	150x100x50	10mm plate welded to bottom flange to suit cavity width
Col. 2	1	203x203	46Kg	UC	Min. 225x225x5	-	min. 650x650x500 Pad foundation



NOTE: Beam dimensions only given for calculation purposes, exact measurements to be checked on site

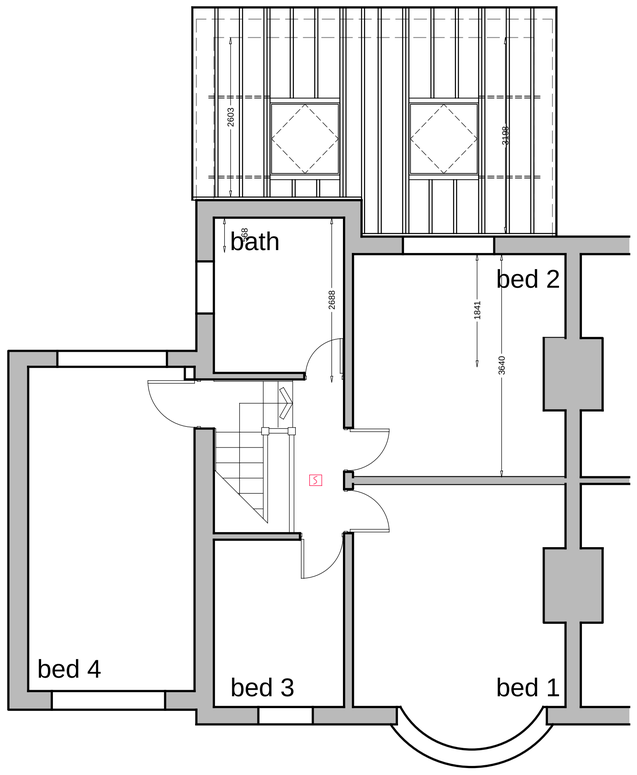
Structural layout



Ground floor plan

Fire Precaution Legend

S	Smoke detector
K	Heat detector
FS30SC	Fire door 30 minute with intumescent strip, smoke seal & self closer
FD20	Fire door 20 minute
FD30SC	Fire door 30 minute & self closer



First floor/roof plan

NOTES

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Rev.A 8/3/18 Width of extension reduced to half the width of the ex. house

CONTRACT
40 Sandilands Road
Sale
Manchester
M23 9JW

TITLE
Proposed single storey rear extension
Prop. ground & first floor plans

SCALE	DATE	DRAWN
1:50	Feb.2018	GH

CONTRACT NO.	DRAWING NO.	REV.
1272	2	A

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