



this drawing is to be read in conjunction with architects and all other relevant drawings

Proposed Ground Floor Plan showing structure at high level

Proposed First Floor Plan showing structure at high level

Beam	Size
B21	152x152UC30
B22	152x152UC30
B23	152x152UC37
B24	152x89UB16
B25	152x152UC23
B26	178x102UB19 well embedded in mortar on top of lintel L1
B27	152x89UB16
B28	2No. 152x89UB16
B29	152x152UC23
B30	152x152UC30
B31	152x89UC16
B32	203x102UB23

Lintel	Size
L1	Catnic CG50/100 for cavity 50 to 65mm or Catnic CG70/100 for cavity 70 to 85mm
L2	Catnic CG90/100
L3	Catnic CG90/100
L4	Catnic CG90/100
L5	Catnic CG90/100
L6	Catnic CG90/100
L7	existing lintel to remain in place
L8	Catnic CG90/100
L9	Catnic CG50/100 for cavity 50 to 65mm or Catnic CG70/100 for cavity 70 to 85mm
L10	existing lintel to remain in place
L11	Catnic CLB90/100
L12	Catnic CG90/100

Beam	Size
B1	152x152UC37
B2	152x152UC37
B3	152x152UC37
B4	152x152UC23
B5	152x152UC23
B6	152x152UC23
B7	152x152UC37
B8	152x152UC37
BR1	60x10 flat bracing
BR2	60x10 flat bracing
BR3	60x10 flat bracing
BR4	60x10 flat bracing
BR5	150x75x18 PFC

Lintel	Size
L13	Catnic CG90/100

Column	Size
C1	100x100x10 SHS
C2	100x100x10 SHS
C3	100x100x10 SHS
C4	100x100x10 SHS WIND POST
C5	100x100x10 SHS WIND POST

Provide double joists well spiked together to trim rooflight openings.

Padstone	Size
P11	width of cavity wall x 250long x 125deep
P12	width of cavity wall x 250long x 125deep
P13	200x100x100deep or engineering brick class B
P14	200x100x100deep or engineering brick class B
P15	200x100x100deep or engineering brick class B
P16	350x100x150deep
P17	200x100x100deep or engineering brick class B
P18	200x100x100deep or engineering brick class B
P19	200x100x100deep or engineering brick class B
P20	350x100x150deep
P21	200x100x100deep or engineering brick class B
P22	200x100x100deep or engineering brick class B
P23	200x100x100deep or engineering brick class B
P24	200x100x100deep or engineering brick class B
P25	350x100x150deep
P26	350x100x150deep
P27	350x100x150deep
P28	350x100x150deep
P29	350x100x150deep
P30	350x100x150deep
P31	200x100x100deep or engineering brick class B

- ⑫ 50x225@420c/c, class C16 new 1st floor joists placed between existing 50x100@420c/c ceiling joists.
- ⑬ 50x225@420c/c, class C16 new 1st floor joists
- ⑭ 50x175@400c/c, class C16 rafters and ties
- ⑮ 50x175@400c/c, class C16 flat roof joists

- use 2No.M16 bolts, Gr.8.8 per connection
- all welds to be 6mm fillet weld u.n.o.
- all steel plates to be 10mm thick u.n.o.

NOTES:

1. Wind post 100x100x10SHS tied into masonry using wall ties shot fired to the post at 300mm crs and embedded into mortar joints.
2. Wind posts to be fixed to padstones using 2No. M16 resin anchors.
3. All welds to be 6mm fillet weld u.n.o.
4. All bolts to be 16mm dia Black bolts grade 8.8.
5. All connection plates to be 10mm thk u.n.o.
6. Base plates to be 10mm thk.

C	Issued for Building Control	04.07.14
B	Post code amended	01.07.14
A	Issued for comments	01.07.14
-	Issued for comments	20.06.14
Rev.	Description	Date

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Clients  
 Project

Drawing Title	
Ground Floor Plan First Floor Plan	
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Scale	1:50
Drawn by	J Carmichael
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Rev.	C