



Third Floor Plan

1:50

Key:

EJ1

J1

J2

J3

J4

B1

B2

B3

B4

B5

C1

C2

C3

P1

P2

P3

SC

PAD 1

Strips

Pads

Red

Green

Blue

Orange

Existing masonry walls

Proposed Phase 2

Existing 105x250 joist @500mm c/c

Existing 220x300 deep timber spine beam

100x250 C24 joists @500mm c/c

200x50 C24 Joist @400mm c/c with 18mm ply on top

250x63 C24 joists @300mm c/c with 18mm ply deck

200x63 C24 joist @400mm c/c with 18mm ply deck to top

Indicative beams and anchors for stairs (by others)

254x254x107 UC S355

Flitch Beam (See sections for details)

152x89x16 UB S355

152x152x30 UC Beam

203x102x23 UB S355

152x152x30 UC S355

100x100x6.3 SHS S355

150x150x6.3 SHS S355

Engineering brick padstone

350x150x150 deep Gen3 mass concrete padstone

400x200x200 deep Gen3 mass concrete padstone

Full moment splice connection at 3rd points with HSFG bolts

650x200x300 deep GEN3 padstone

450mm wide generally with A393 mesh

1m x 1m

1.75m deep

1.5m deep

1.25m deep

1m deep

155mm deep beam and block floor

NOTE:

Refer to sections and details on drawing 107

Exposed steelwork to be coated with intumescent paint + finish coat

T1	08.02.22	JM	TP	Tender Issue Revisions
P1	29.11.21	JM	TP	Preliminary Issue
Rev	Date	By	Chkd	Description

Status: Tender

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Client:	Town Hall Midsomer Norton
Project:	Town Hall Midsomer Norton
Drawing:	Third Floor Proposed Extension

Scale: 1:50@ A1 Date: Oct'21
CAD: JM Checked: TP Sign off: MH

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