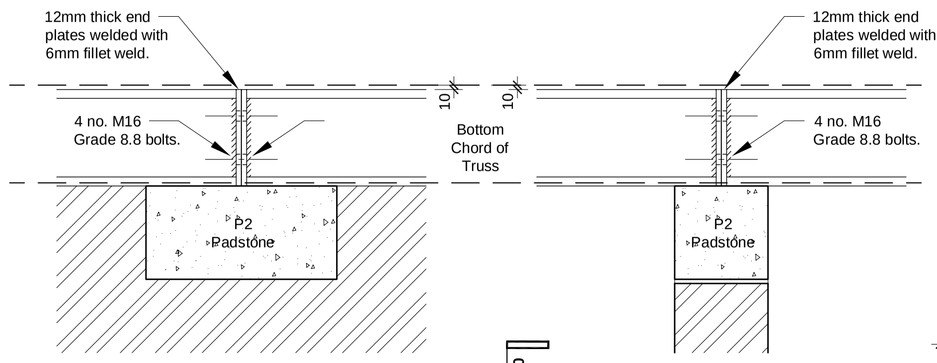
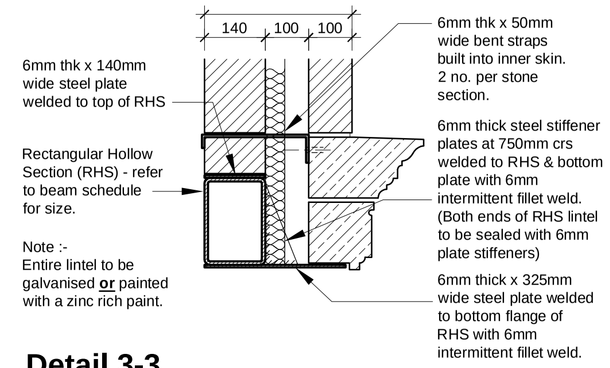
Do not scale dimensions from this drawing.

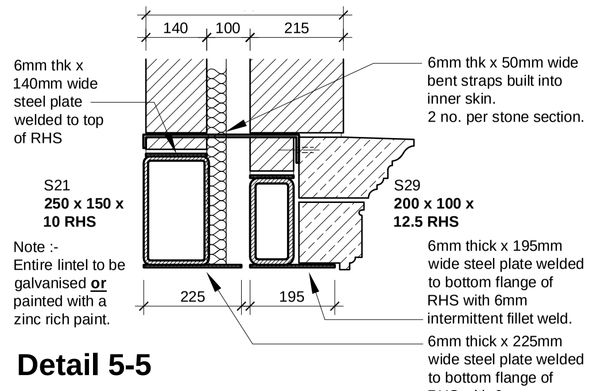


Detail 1-1

Detail 2-2



Detail 3-3
(Detail 4-4 is similar but in a curved wall)



Detail 5-5

NOTES

Concrete block padstones below beam bearing of min strength 21N/mm², beams to have full bearing on padstones.

Padstone Ref	L	W	D
P1	440	x 140	x 215mm
P2	440	x 215	x 215mm
P3	600	x 215	x 215mm
P4	600	x 140	x 215mm
P5	440	x 330	x 215mm
P6	755	x 215	x 215mm
P7	550	x 215	x 215mm
P8	890	x 215	x 215mm
P9	440	x 100	x 215mm
P10	330	x 330	x 215mm
P11	440	x 140	x 215mm (curved)

Inner skin of cavity walls and all blockwork walls from basement to roof plate level to be in blocks of strength 7.3 N/mm² set in 1:1:6 mortar (cement : lime : sand) unless noted otherwise.

Catnic lintels to have minimum 150mm end bearing or as otherwise noted on drawing and to be installed in accordance with manufacturer's details.

Where first floor spans are parallel to external walls, floor planks are to be built-in to wall to act as lateral restraint.

Steel beams are to be located within depth of structural floor zone unless stated otherwise, and are to be fitted with ms support brackets where supporting end bearing of floor units. Floor units to have min. 75mm end bearing onto brackets. Refer to detail section showing bearing arrangement.

All internal block walls are to be fully bonded to external walls.

Use Catnic CN56XA lintels above all single door openings in 140mm walls unless otherwise noted on plan.

Denotes walls & piers in bricks of strength 20 N/mm² set in 1 : 1 : 3 mortar. (Cement : Lime : Sand)

Arrow denotes span of trussed rafters/loose timbers, all to be to specialist manufacturers design and details.

R = 15KN etc — Denotes ultimate beam reactions for steel fabricator to design and detail appropriate connections. No connection to have less than 4no. M16 Grade 8.8 bolts.

V.J. — Denotes vertical tied joint in wall with wall ties at 225mm crs. vertically.

M.J. — Denotes movement joint (see elevations).

Refer to Elevations for additional movement joint locations unable to be illustrated on plans.

D	Bed 3 wardrobe amended.	15.08.13
C	Beam S29, Detail 5-5 and dims added.	29.07.13
B	Structural notes added.	10.07.13
A	Construction Issue.	09.05.13

Revision Date

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Project

Overbye, St Georges Hill

Title

First Floor Plan

Status

Construction

Scale	Drawn	Date
1:50	sh	Nov. '12
Job number	Drawing number	Revision
0623	**2003**	**D**

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