

**General Perspective**

Scale: n.t.s.

Rev	Description	By	Date
P1	First issue.	swf	11.11.11

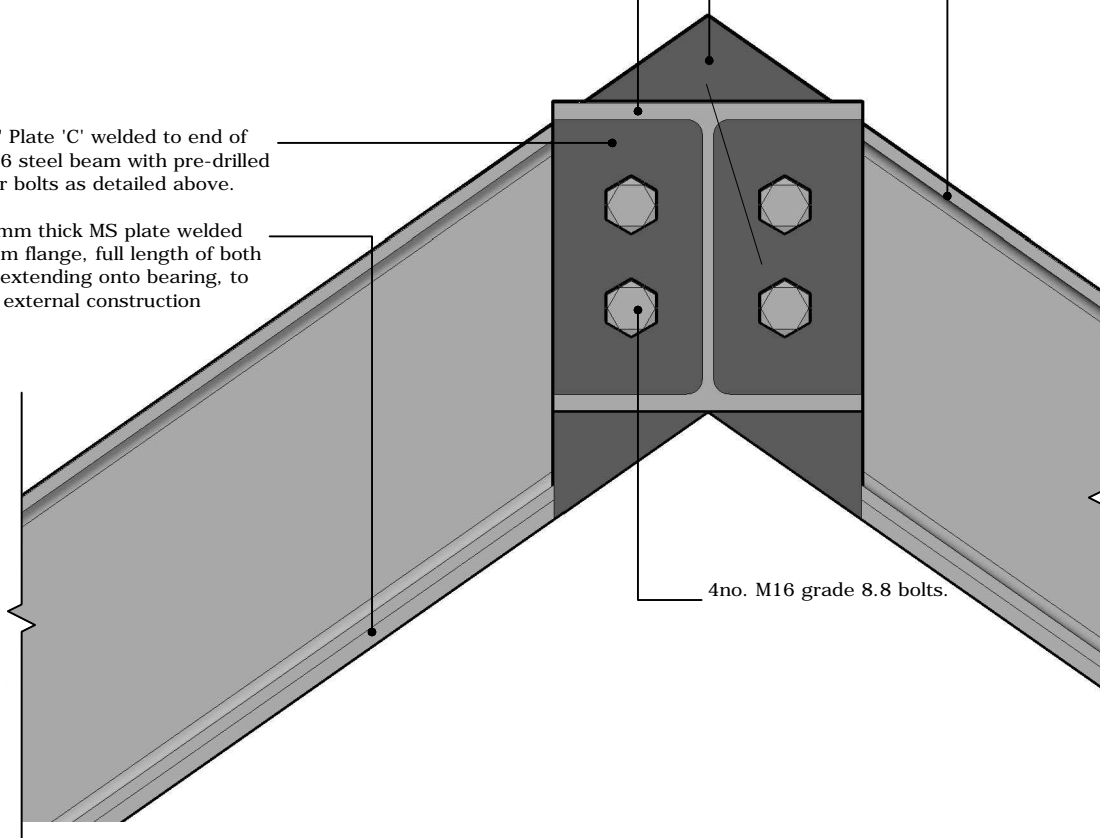
Cranked beams 203x102x23UB  
 beams B32 & B46 (CB1).

Plate 'D' cut to fit angle of cranked  
 beams and to be welded to edge of  
 flanges to cranked beams.

Ridge beam 203UC46 beam B6 (RB2).

'Square' Plate 'C' welded to end of  
 203UC46 steel beam with pre-drilled  
 holes for bolts as detailed above.

280x10mm thick MS plate welded  
 to bottom flange, full length of both  
 beams, extending onto bearing, to  
 support external construction  
 above.



**Section B1-B1**

Scale: 1/5

Ridge beam 203UC46 beam B6 (RB2).

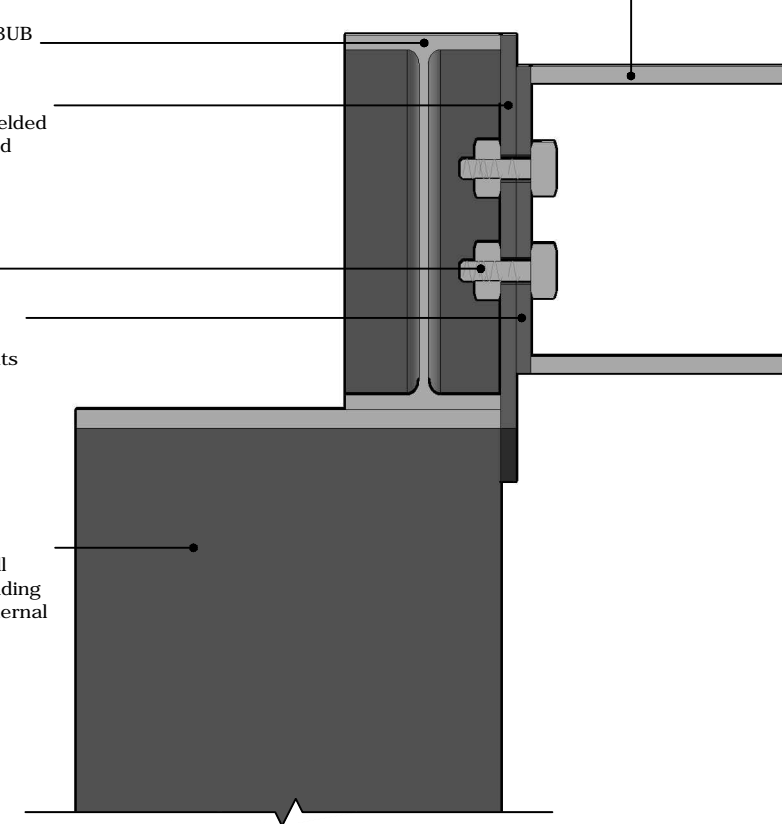
Cranked beams 203x102x33UB  
 beams B32 & B46 (CB1).

Plate 'D' cut to fit angle of  
 cranked beams and to be welded  
 to edge of flanges to cranked  
 beams.

4no. M16 grade 8.8 bolts.

'Square' Plate 'C' welded to  
 end of 203UC46 steel beam  
 with pre-drilled holes for bolts  
 as detailed above.

280x10mm thick MS plate  
 welded to bottom flange, full  
 length of both beams, extending  
 onto bearing, to support external  
 construction above.



**Section B2-B2**

Scale: 1/5

Client	Mrs Britton
Project	Long Meadow, 2 Long Lane, Gamlingay, Beds. SG19 3ES.
Job	Construction Details

Drawing Title			
Structural Engineering			
Ridge Detail DT1-DT1			
Scale	1:5 @ A3	Drawn	swf
Date	19.12.11	Checked	
Project No./Discipline	1019/sd	Drawing No.	ST01
		Revision	P1