



<b>Client:</b>	SAMPLE CONSTRUCTION	<b>Job No:</b>	B01388
<b>Project:</b>	Sample Project Frames 2 & 3		
<b>Detailer:</b>	D.Care	<b>Date:</b>	14-APR-19

<b>Assemblies</b>				<b>Connection Components</b>			
1 - Beam	marked	B1					
	Connected to	B8		with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8 4 - Washer 20 Steel	
1 - Beam	marked	B1					
	Connected to	B18		with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8 4 - Washer 20 Steel	
1 - Beam	marked	B1					
	Connected to	B18		with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8 4 - Washer 20 Steel	
5 - Beam	marked	B1					
	Connected to	B8		with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8 4 - Washer 20 Steel	
1 - Beam	marked	B12					
	Connected to	B9		with	4 - Bolt 16 8.8 35	4 - Nut 16 GR8 4 - Washer 16 Steel	
	Connected to	B9		with	4 - Bolt 16 8.8 35	4 - Nut 16 GR8 4 - Washer 16 Steel	
1 - Beam	marked	B13					
	Connected to	B19		with	4 - Bolt 16 8.8 50	4 - Nut 16 GR8 4 - Washer 16 Steel	
	Connected to	B20		with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8 4 - Washer 16 Steel	
1 - Beam	marked	B14					
	Connected to	B3		with	4 - Bolt 16 8.8 50	4 - Nut 16 GR8 4 - Washer 16 Steel	
	Connected to	B1		with	4 - Bolt 16 8.8 40	8 - Washer 16 Steel	4 - Nut 16 GR8
	Connected to	B1		with	4 - Bolt 16 8.8 40	8 - Washer 16 Steel	4 - Nut 16 GR8

Assemblies			Connection Components			
1	-	Beam marked B15				
		Connected to C2, B7, C1	with	3 - Bolt 20 8.8 55	3 - Nut 20 GR8	3 - Washer 20 Steel
		Connected to B7, C2	with	3 - Bolt 20 8.8 55	3 - Nut 20 GR8	3 - Washer 20 Steel
1	-	Beam marked B16				
		Connected to B11	with	6 - Bolt 20 8.8 40	6 - Nut 20 GR8	6 - Washer 20 Steel
		Connected to B11	with	6 - Bolt 20 8.8 50	6 - Nut 20 GR8	6 - Washer 20 Steel
1	-	Beam marked B17				
		Connected to C4	with	6 - Bolt 20 8.8 45	6 - Nut 20 GR8	6 - Washer 20 Steel
		Connected to C3	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
		Connected to B9, C5	with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8	4 - Washer 20 Steel
		Connected to B9, C5	with	1 - Bolt 20 8.8 45	1 - Nut 20 GR8	1 - Washer 20 Steel
		Connected to C5	with	1 - Bolt 20 8.8 45	1 - Nut 20 GR8	1 - Washer 20 Steel
1	-	Beam marked B18				
		Connected to C1, B8, C2	with	6 - Bolt 20 8.8 55	6 - Nut 20 GR8	6 - Washer 20 Steel
1	-	Beam marked B19				
		Connected to B11, C6	with	6 - Bolt 20 8.8 55	6 - Nut 20 GR8	6 - Washer 20 Steel
1	-	Beam marked B2				
		Connected to B7	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
1	-	Beam marked B2				
		Connected to B15	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
1	-	Beam marked B2				
		Connected to B15	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
1	-	Beam marked B2				
		Connected to B8	with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8	4 - Washer 20 Steel

Assemblies				Connection Components			
1	-	Beam	marked	<b>B2</b>			
				Connected to	B18	with	4 - Bolt 20 8.8 55      4 - Nut 20 GR8 4 - Washer 20 Steel
1	-	Beam	marked	<b>B2</b>			
				Connected to	B18	with	4 - Bolt 20 8.8 55      4 - Nut 20 GR8 4 - Washer 20 Steel
5	-	Beam	marked	<b>B2</b>			
				Connected to	B7	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
				Connected to	B8	with	4 - Bolt 20 8.8 55      4 - Nut 20 GR8 4 - Washer 20 Steel
1	-	Beam	marked	<b>B20</b>			
				Connected to	B11, C4	with	6 - Bolt 20 8.8 55      6 - Nut 20 GR8 6 - Washer 20 Steel
1	-	Beam	marked	<b>B22</b>			
				Connected to	B9, C7	with	4 - Bolt 20 8.8 55      4 - Nut 20 GR8 4 - Washer 20 Steel
				Connected to	C3	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
				Connected to	C7	with	2 - Bolt 20 8.8 45      2 - Nut 20 GR8 2 - Washer 20 Steel
				Connected to	C6	with	6 - Bolt 20 8.8 45      6 - Nut 20 GR8 6 - Washer 20 Steel
1	-	Beam	marked	<b>B5</b>			
				Connected to	B17	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
1	-	Beam	marked	<b>B5</b>			
				Connected to	B17	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
1	-	Beam	marked	<b>B5</b>			
				Connected to	B22	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
1	-	Beam	marked	<b>B5</b>			
				Connected to	B17	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel
1	-	Beam	marked	<b>B5</b>			
				Connected to	B22	with	4 - Bolt 16 8.8 40      4 - Nut 16 GR8 4 - Washer 16 Steel

Assemblies				Connection Components			
1 - Beam	marked	B5					
	Connected to	B22	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel	
1 - Beam	marked	B6					
	Connected to	B1	with	4 - Bolt 16 8.8 40	8 - Washer 16 Steel	4 - Nut 16 GR8	
3 - Beam	marked	B6					
	Connected to	B3	with	4 - Bolt 16 8.8 50	4 - Nut 16 GR8	4 - Washer 16 Steel	
5 - Beam	marked	B6					
	Connected to	B1	with	4 - Bolt 16 8.8 40	8 - Washer 16 Steel	4 - Nut 16 GR8	
1 - Beam	marked	B7					
	Connected to	C2	with	6 - Bolt 20 8.8 45	6 - Nut 20 GR8	6 - Washer 20 Steel	
1 - Beam	marked	B7					
	Connected to	B7, C2	with	4 - Bolt 20 8.8 55	4 - Nut 20 GR8	4 - Washer 20 Steel	
2 - Beam	marked	B7					
	Connected to	C2, B7, C1	with	6 - Bolt 20 8.8 55	6 - Nut 20 GR8	6 - Washer 20 Steel	
1 - Beam	marked	B8					
	Connected to	C1	with	6 - Bolt 20 8.8 45	6 - Nut 20 GR8	6 - Washer 20 Steel	
2 - Beam	marked	B8					
	Connected to	C1, B8, C2	with	6 - Bolt 20 8.8 55	6 - Nut 20 GR8	6 - Washer 20 Steel	
4 - Beam	marked	C1					
	Connected to	B3	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel	
4 - Beam	marked	C1					
	Connected to	B4	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel	
4 - Beam	marked	C2					
	Connected to	B4	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel	

Assemblies			Connection Components			
1	-	Beam marked C3				
		Connected to B19	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
1	-	Beam marked C3				
		Connected to B20	with	4 - Bolt 16 8.8 40	4 - Nut 16 GR8	4 - Washer 16 Steel
1	-	Beam marked C4				
		Connected to B10	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
		Connected to B21	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
1	-	Beam marked C5				
		Connected to B10	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
1	-	Beam marked C6				
		Connected to B21	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
		Connected to B18	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
		Connected to B10	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel
1	-	Beam marked C7				
		Connected to B10	with	8 - Bolt 20 8.8 55	8 - Nut 20 GR8	8 - Washer 20 Steel