



BILL OF MATERIALS												
ERECTION MKD.	ITEM NO.	SECTION	LENGTH mm	NOS. REQD.	UNIT WT. (Kgs)	GROSS WT. (Kgs)	SUBSTRAC TED	TOTAL WT. (Kgs)	QTY. RECD.	ERECTION MKD.	REMARKS	
5.5/FB-1	1	ISMB 250	5060	1	37.30	188.74		188.74				
	2	PL 120x10	180	2	78.50	3.39		3.39				
	3	PL 95x16	185	2	125.60	4.41		4.41				
	4	L 100x50x10	130	4	14.90	7.75		7.75			(C/F L 100x100x10)	
	5	PL 54x10	238	4	78.50	4.04		4.04				
5.5/FB-2	6	ISMB 450	4860	1	72.40	351.86		351.86	1	208.33		
	7	PL 120x10	300	2	78.50	5.65		5.65				
	8	PL 120x20	300	2	157.00	11.30		11.30				
	9	L 100x50x10	180	1	14.90	2.68		2.68			(C/F L 100x100x10)	
	10	L 100x50x10	300	3	14.90	13.41		13.41			(C/F L 100x100x10)	
	4	L 100x50x10	130	4	14.90	7.75		7.75			(C/F L 100x100x10)	
	11	PL 137x10	338	1	78.50	3.64		3.64				
	12	PL 149x10	248	1	78.50	2.90		2.90				
	13	PL 149x10	280	2	78.50	6.55		6.55				
	5.5/FB-3	14	ISMB 450	4860	1	72.40	351.86		351.86	1	405.75	
		7	PL 120x10	300	2	78.50	5.65		5.65			
		8	PL 120x20	300	2	157.00	11.30		11.30			
		9	L 100x50x10	180	1	14.90	2.68		2.68			(C/F L 100x100x10)
10		L 100x50x10	300	3	14.90	13.41		13.41			(C/F L 100x100x10)	
4		L 100x50x10	130	2	14.90	3.87		3.87			(C/F L 100x100x10)	
15		PL 70x10	435	2	78.50	4.78		4.78				
16		PL 153x10	241	2	78.50	5.79		5.79				
17		PL 156x10	239	1	78.50	2.93		2.93				
18		PL 141x10	274	1	78.50	3.03		3.03				
19		PL 204x10	280	1	78.50	4.48		4.48				
20		PL 212x10	280	1	78.50	4.66		4.66				
21	PL 152x10	234	1	78.50	2.79		2.79					
22	PL 156x10	230	1	78.50	2.82		2.82					
5.5/FB-4	23	ISMB 450	4860	1	72.40	351.86		351.86	1	420.07		
	7	PL 120x10	300	2	78.50	5.65		5.65				
	8	PL 120x20	300	2	157.00	11.30		11.30				
	4	L 100x50x10	130	4	14.90	7.75		7.75			(C/F L 100x100x10)	
	15	PL 70x10	435	2	78.50	4.78		4.78				
	16	PL 153x10	241	2	78.50	5.79		5.79				
	17	PL 156x10	239	1	78.50	2.93		2.93				
	18	PL 141x10	274	1	78.50	3.03		3.03				
5.5/FB-5 & 5.5/FB-5X	26	ISMB 250	3943	1	37.30	147.07		147.07		395.90		
	2	PL 120x10	180	2	78.50	3.39		3.39				
	27	PL 156x10	259	1	78.50	3.17		3.17				
	28	PL 125x10	175	1	78.50	1.72		1.72				
	29	PL 190x10	432	1	78.50	6.44		6.44				
5.5/FB-6 & 5.5/FB-6X	30	ISMB 250	3943	1	37.30	147.07		147.07	1+1	323.59		
	2	PL 120x10	180	2	78.50	3.39		3.39				
	31	PL 175x10	406	1	78.50	5.58		5.58				
5.5/FB-5X	28	PL 125x10	175	1	78.50	1.72		1.72				
	32	PL 158x10	241	1	78.50	2.99		2.99				
	160.75	1+1	321.50									

**NOTE :**  
 1. ALL DIMENSIONS ARE IN mm & LEV. ARE IN M. U.O.S  
 2. STRUCTURAL STEEL WORK SHALL BE OF MILD STEEL CONSTRUCTION CONFORMING TO IS 2062  
 3. ALL MATERIALS SHALL BE CLEAN, RUST FREE AND STRAIGHTENED IF NECESSARY, BEFORE BEING WORKED  
 4. ALL ARE WELDED CONSTRUCTION U.O.S  
 5. ALL SHOP WELDS ARE 6mm THK. & SITE WELD 6mm THK. U.O. WELD LENGTH 150 MM MINIMUM FOR BRACING U.O.  
 6. ALL WELDING SYMBOLS ARE AS PER IS: 813.  
 7. ALL ERECTION HOLES ARE 17.50 FOR M16 BOLTS U.O.  
 8. ALL PERMANENT HOLES ARE 21.50 FOR M20 BOLTS U.O.  
 9. ERECTION BOLT SHOWN THUS  $\perp$   
 10. PERMANENT BOLT SHOWN THUS  $\perp$   
 11. ALL INCLINED MEMBER AND GUSSET PLATE SHALL BE CUT AFTER FULL SCALE LAYOUT AT SHOP.  
 12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH BEEL-9267-F-04 (SH.2)

DRAWN	PROJECT:
DESIGNED	CLIENT:
CHECKED	CONSULTANTS:
APPROVED	TITLE--
DATE	FABRICATION DETAIL OF FLOOR BEAM AT 5.5M.
SCALE	
REV	JOB NO.
	DRAWING NO BEEL-9267-F-04 (SH.1)