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PART NO.	DESCRIPTION	NO.PER UNIT	MATERIAL OF CONSTRUCTION	ESTIMATED WEIGHT - KG	DRG. NO./ MATERIAL CODE		
1 BRIDGE - 1							
11	BOX 215A 200 x 200 x 16TK x 64 RM LG	1	IS-2062	6208			
12	BOX 215A 100 x 100 x 10TK x 163 RUNNING METER	1	IS-2062	42614			
13	ISMB 250 x 3250 LG	4	IS-2062	484.9			
14	ISMC 150 x 31 RUNNING METER	1	IS-2062	508.4			
15	ISA 100 x 100 x 10TK x 155 RUNNING METER	1	IS-2062	23095			
16	ISA 100 x 100 x 10TK x 200 LG	72	IS-2062	214.6			
17	ISA 75 x 75 x 8TK x 12775 LG	4	IS-2062	454.8			
18	CHEQ. PLATE 12775 x 935 x 8TK	2	IS-2062	1600.1	△		
19	TOE GUARD PLATE 150W x 6TK x 12775 LG	2	IS-2062	180.5			
110	STD RAILING PIPE 32NB x 12775 LG	4	G I	196.8			
111	PLATE 12775 x 800 x 6TK	1	IS-2062	481.4	△		
112	ISA 50 x 50 x 6TK x 12775 LG	2	IS-2062	115.0			
113	10TK. PLATE 150x50	8	IS-2062	4.7			
114	STIFFENER PLATE 50x50x10TK	8	IS-2062	1.6			
115	ISMB 200 x 12 RM LG	1	IS-2062	304.8			
116	BOX 215A 150 x 150 x 12TK x 6.5 RM LG	1	IS-2062	353.6			
2 BRIDGE - 2							
2.1	BOX 215A 200 x 200 x 16TK x 98 RM LG	1	IS-2062	9506.0			
2.2	BOX 215A 100 x 100 x 10TK x 313 RUNNING METER	1	IS-2062	9327.4			
2.3	ISMB 250 x 3250 LG	12	IS-2062	1454.7			
2.4	ISMC 150 x 75 RUNNING METER	1	IS-2062	1230.0			
2.5	ISA 100 x 100 x 10TK x 300 RM LG	1	IS-2062	4470.0			
2.6	ISA 100 x 100 x 10TK x 200 LG	156	IS-2062	464.9			
2.7	ISA 75 x 75 x 8TK x 24496 LG	4	IS-2062	872.0			
2.8	CHEQ. PLATE 24496 x 935 x 8TK	2	IS-2062	2876.7	△		
2.9	TOE GUARD PLATE 150W x 6TK x 24496 LG	2	IS-2062	346.2			
2.10	STD RAILING PIPE 32NB x 24496 LG	4	G I	377.3			
2.11	PLATE 24496 x 800 x 6TK	2	IS-2062	923.0	△		
2.12	ISA 50 x 50 x 6TK x 24496 LG	2	IS-2062	220.5			
3	300 SQ. PLATED BOX COLUMN	2		2866.8			
3.1	PLATE 264 x 16TK x 8594 LG	2	IS-2062	570.0			
3.2	PLATE 300 x 16TK x 8594 LG	2	IS-2062	647.7			
3.3	BASE PLATE 600 x 600 x 36TK	1	IS-2062	101.8			
3.4	STIFFENER PLATE 600 x 225 x 12TK	2	IS-2062	25.5			
3.5	STIFFNER PLATE 225 x 138 x 12TK	8	IS-2062	23.4			
3.6	CAP PLATE 330 x 330 x 12TK	1	IS-2062	10.3			
3.7	FOUNDATION BOLTS M30x1100 LG	12	MS BLACK	-	DS-271		
3.8	DIAPHRAGM PLATE 264 x 264 x 10TK	10	IS-2062	54.7			
4	300 SQ. PLATED BOX COLUMN	2		2913.0			
4.1	PLATE 264 x 16TK x 8758 LG	2	IS-2062	580.8			
4.2	PLATE 300 x 16TK x 8758 LG	2	IS-2062	660.0			
4.3	BASE PLATE 600 x 600 x 36TK	1	IS-2062	101.8			
4.4	STIFFENER PLATE 600 x 225 x 12TK	2	IS-2062	25.5			
4.5	STIFFNER PLATE 225 x 138 x 12TK	8	IS-2062	23.4			
4.6	CAP PLATE 330 x 330 x 12TK	1	IS-2062	10.3			
4.7	FOUNDATION BOLTS M30x1100 LG	12	MS BLACK	-	DS-271		
4.8	DIAPHRAGM PLATE 264 x 264 x 10TK	10	IS-2062	54.7			
5	BOX 215A 150x150x12TK - 18.5 RUNNING METER	1	IS-2062	1006.4			
6	BOX 215A 100x100x10TK - 32 RUNNING METER	1	IS-2062	953.6			
7	STEP ANGLE 50x50x6TK - 990 LG	146	IS-2062	650.5	△		
8	NOTCHED MB300 - 4 RUNNING METER	1	IS-2062	176.8			
9	12TK. STIFFENER PLATE 250x500	12	IS-2062	14.3			
10	ISA 75 x 75 x 10TK - 25 RM LG	1	IS-2062	222.5			
11	10 TK. PLATE 125x250	66	IS-2062	152.0			
12	10 TK. PLATE 100x200	40	IS-2062	62.8	△		
NOTES :							
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.							
2. ELE 0.00 = R.L. 8.0M							
3. ALL STRUCTURAL STEEL SHALL CONFORM TO IS 2062-GRADE-A/B (WELDABLE QUALITY).							
4. FABRICATION AND ERECTION OF STEEL STRUCTURES SHALL BE GOVERNED BY IS 800 (LATEST)							
5. SIZES, SHAPES & CUTTING LENGTH OF ALL STRUCTURAL MEMBERS TO BE VERIFIED AFTER ACTUAL LAYOUT IN SHOP BEFORE FABRICATION							
6. UNLESS OTHERWISE STATED ALL SHOP WELDS ARE 8MM FILLET							
7. JOINTS TO BE SITE WELDED SHALL HAVE NO SHOP PAINT APPLIED WITHIN 100MM OF WELDING ZONE							
8. ALL FOUNDATION BOLTS SHALL BE LOCATED IN POSITION PRECISELY USING A SUITABLE TEMPLATE BEFORE CONCRETING							
9. STEEL STRUCTURE DESIGN AS PER IS 800-2007							
10. DEAD LOAD AND LIVE LOADS CONSIDERED AS PER IS 875-1, IS 875-2, WIND LOAD AS PER IS 875-3-2015							
11. EARTHQUAKE LOAD CONSIDERED AS PER IS 1893 PART 1/2016 & PART 4/2015							
12. FABRICATION TOLERANCES AS PER GOOD ENGINEERING PRACTICE							
13. ALL BEAM TO COLUMN CONNECTIONS ARE MOMENT CONNECTION AND BEAM TO BEAM CONNECTIONS ARE SHEAR CONNECTION							
14. ALL BOX TO BOX MEMBER CONNECTION ARE MOMENT CONNECTION							
15. RAILING DETAILS REF DS-692							
T-89927		GA OF SG7 BELT CONVEYOR		T-91581		PALLETIZER AREA STRUCTURAL DETAILS	
T-91442		SG7 BELT CONVEYOR STRINGER DETAILS		T-91367		SG7 PILE FOUNDATION CIVIL DETAILS	
T-91402		SG7 GRAVITY TAKE UP DETAILS		T-91579		SG7 PALLETIZER FOUNDATION DETAILS	
DRAWING No.		DESCRIPTION		DRAWING No.		DESCRIPTION	
REFERENCE DRAWINGS							
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