



BILL OF MATERIAL						
ITEM NO.	SECTIONS	LENGTH	REQD NOS.	UNIT WT	TOTAL WT	REMARKS
1	ISA 75x75x8 THK.	6042	4	8.9	216.0	
2	ISA 75x75x6 THK.	11690	2	6.8	159.0	
3	ISA 60x60x6 THK.	1947	4	5.4	43.0	
4	ISA 60x60x6 THK.	1772	4	5.4	38.3	
5	ISA 60x60x6 THK.	1603	4	5.4	35.0	
6	ISA 60x60x6 THK.	1370	4	5.4	30.0	
7	ISA 50x50x6 THK.	1644	2	4.5	15.0	
8	ISA 50x50x6 THK.	1416	4	4.5	25.5	
9	ISA 50x50x6 THK.	1191	4	4.5	21.5	
10	ISA 50x50x6 THK.	966	4	4.5	17.4	
11	ISA 50x50x6 THK.	852	4	4.5	15.4	
12	PL.205x10THK.	150	2	78.5	5.0	
13	PL.330x10THK.	205	2	78.5	11.0	
14	PL.305x10THK.	255	2	78.5	12.3	
15	PL.280x10THK.	255	2	78.5	11.3	
16	PL.430x10THK.	255	1	78.5	8.6	
17	PL.300x10THK.	278	2	78.5	14.0	
18	PL.285x10THK.	276	2	78.5	12.4	
19	PL.273x10THK.	265	2	78.5	11.5	
20	PL.270x10THK.	250	2	78.5	11.0	
21	PL.357x10THK.	231	1	78.5	6.5	
22	PL.100x10THK.	70	23	78.5	12.7	
23	PL.100x10THK.	80	24	78.5	15.0	
24	PL.100x10THK.	95	16	78.5	12.0	
25	PL.380x10THK.	300	2	78.5	17.9	
26	M24 BOLT					
27	NUT M24	900LG	500			
28	SPR. WASHER FOR M24 BOLT	40LG	500			

- NOTE:**
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN MTR.
  2. ALL FILLET SHOP WELDS ARE & SITE WELDS 6m.m. THK.(U.N.O.)
  3. ALL PERMANENT HOLES ARE 18Ø FOR M-16 BOLTS. U.N.O
  4. PERMANENT HOLES ARE SHOWN THUS. . . . "◆"
  5. ALL INCLINED ITEMS AND GUSSET PLATES TO BE CUT AFTER FULL SCALE SHOP LAYOUT BEFORE FABRICATION.
  6. ALL WELDED CONNECTIONS SHALL HAVE MIN. WELD LENGTH OF 150 mm.
  7. THIS DRG. IS TO READ IN CONJ. WITH DRG. NO. /004

0	MANTRA	04.10.2016	FOR APPROVAL			
NO	BY	DATE	DESCRIPTION			
REVISIONS						
CLIENT: -			ODISHA POWER GENERATION CORPORATION LTD. BANAHARPALI, JHARSUGUDA ODISHA			
TITLE: -			WORKSHOP PLAN AT EL. +6.0			
SCALE: 1:70,30,10			DGN	DRN	CHK	APR
PROJECTION			DRB	SA		
DRG. NO.			MANTRA/OPGC/WS-SR-013 SHEET NO. : 1 OF 2			
CONSULTANT: -			MANTRA UDYOG, BHUBANESWAR			
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