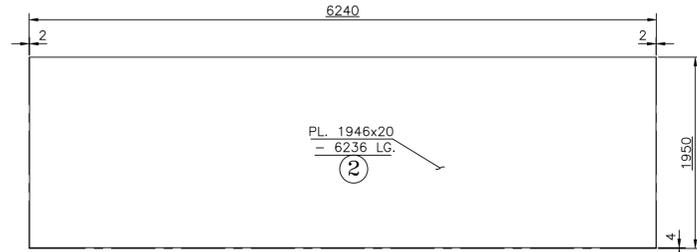
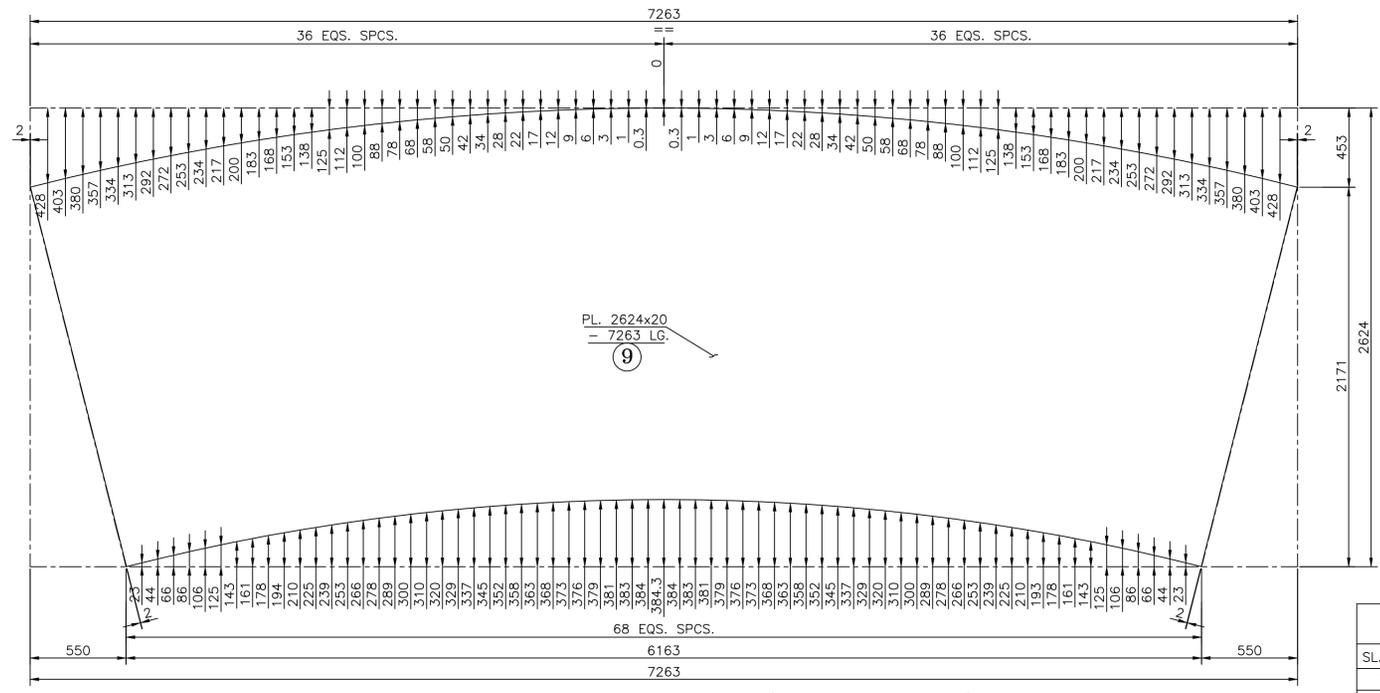


DEVELOPMENT OF COURSE CR-18



DETAIL OF MARK NO. CR-9/1 TO CR-9/4  
DETAIL OF MARK NO. CR-10/1 TO CR-10/4  
(QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-18/1 TO CR-18/4  
(QTY. 1 NO. EACH)

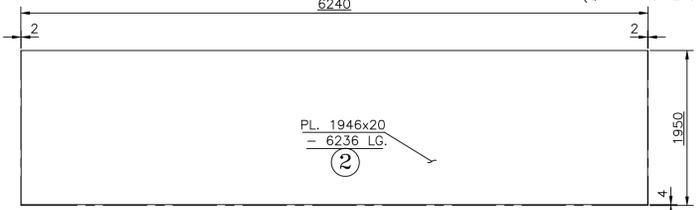
**ABSTRACT**

SL.NO.	SECTIONS	WT. IN KGS.	REMARKS
1	PL. 20 THK.	125151.04	ASTM A516 GR.70

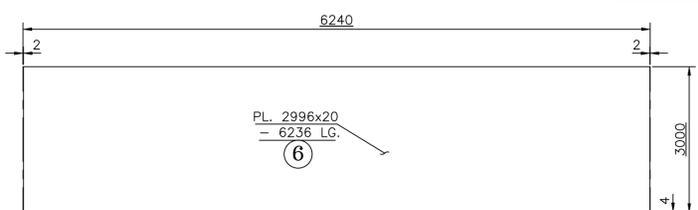
**BILL OF MATERIALS**

ERECTION MARK	ITEM NO.	MAT. SPECS.	SECTION	LENGTH IN mm.	REQD. NOS.	UNIT WT.	TOTAL WT.	EREC. NOS.	WT. FOR ALL EREC.	REMARKS
CR-3/1	1		PL.1471X20	6236	1	157.00	1440.19			
TO CR-3/4							1440.19	1x4	5760.76	
CR-4/1,2 & CR-4/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x3	5715.72	
CR-4/3	3		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x1	1905.24	
CR-5/1,3 & CR-5/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x3	5715.72	
CR-5/2	4		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x1	1905.24	
CR-6/1,2 & CR-6/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x3	5715.72	
CR-6/3	5		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x1	1905.24	
CR-7/1 TO CR-7/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-8/1,2 & CR-8/4	6		PL.2996X20	6236	1	157.00	2933.24			
							2933.24	1x3	8799.72	
CR-8/3	7	SEE ABSTRACT	PL.2996X20	6236	1	157.00	2933.24			
							2933.24	1x1	2933.24	
CR-9/1 TO CR-9/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-10/1 TO CR-10/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-11/1 TO CR-11/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-12/1 TO CR-12/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-13/1 TO CR-13/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-14/1 TO CR-14/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-15/1 TO CR-15/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-16/1 TO CR-16/4	2		PL.1946X20	6236	1	157.00	1905.24			
							1905.24	1x4	7620.96	
CR-17/1 TO CR-17/4	8		PL.1082X20	6236	1	157.00	1059.33			
							1059.33	1x4	4237.32	
CR-18/1 TO CR-18/4	9		PL.2624X20	7263	1	157.00	2992.12			
							2992.12	1x4	11968.48	

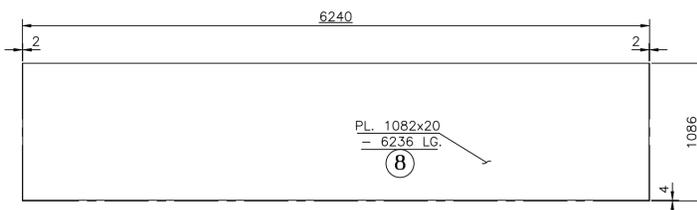
TOTAL WT.= 125151.04 KG.= 125.151 T.



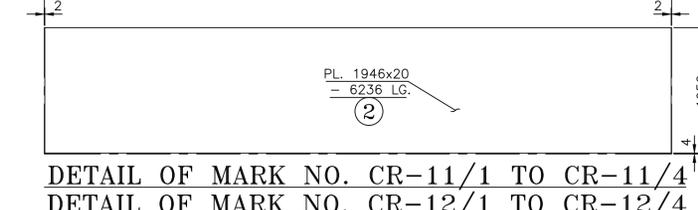
DETAIL OF MARK NO. CR-14/1 TO CR-14/4  
DETAIL OF MARK NO. CR-15/1 TO CR-15/4  
(QTY. 1 NO. EACH)



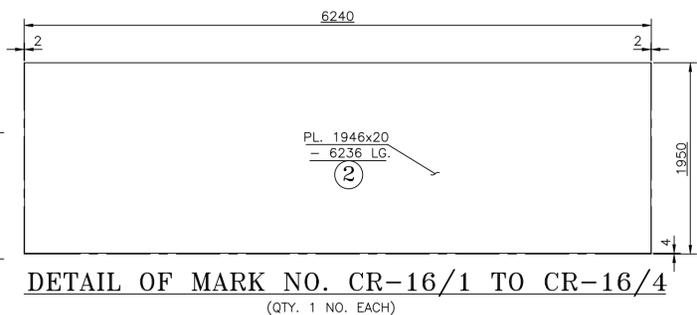
DETAIL OF MARK NO. CR-8/1,2 & CR-8/4  
(QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-17/1 TO CR-17/4  
(QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-11/1 TO CR-11/4  
DETAIL OF MARK NO. CR-12/1 TO CR-12/4  
DETAIL OF MARK NO. CR-13/1 TO CR-13/4  
(QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-16/1 TO CR-16/4  
(QTY. 1 NO. EACH)

REV.	NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED

NOTES :-  
 1. ALL DIMENSIONS AND LEVELS ARE IN mm.  
 2. ±0.00 CORRESPONDS TO 483.6 m. ABSOLUTE.  
 3. FOR MARKING REF. DRG. MEC/11/12/Q6YM/DE/41/0560 (SH. 01 OF 02 & 02 OF 02)  
 4. ALL PLATE ARE TO BE CUT AFTER VERIFICATION OF DIMENSIONS AS PER FULL SCALE SHOP LAYOUT.  
 5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH. MEC/11/12/Q6YM/DE/41/0563

REV.NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED

STRUCTURAL		RECONSTRUCTION OF BF NO. 1	
LOCATION	RANCHI	1750 m <sup>3</sup> BLAST FURNACE	
DESIGNED	-	STOVE SHELL	
DRAWN	-	DETAIL OF COURSE MKD. CR-13 TO CR-18.	
CHECKED AND VERIFIED	-	WITH BILL OF MATERIALS	
APPROVED	SIG. DATE	SCALE - 1:50	SHEET REV. 1 OF 1 O