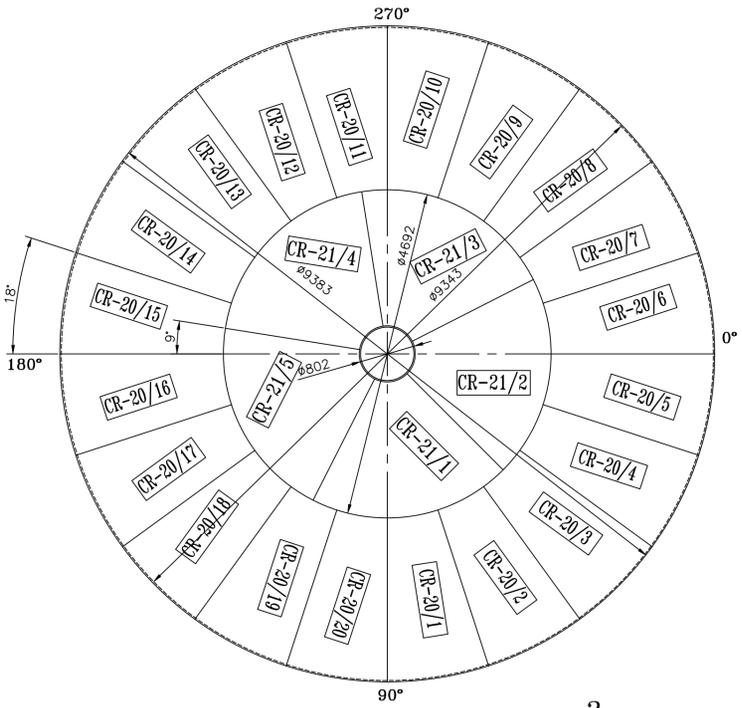
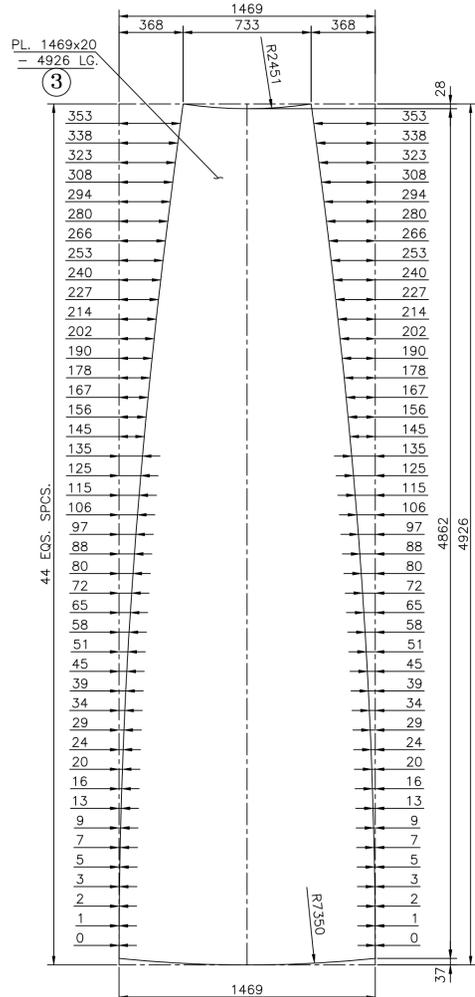


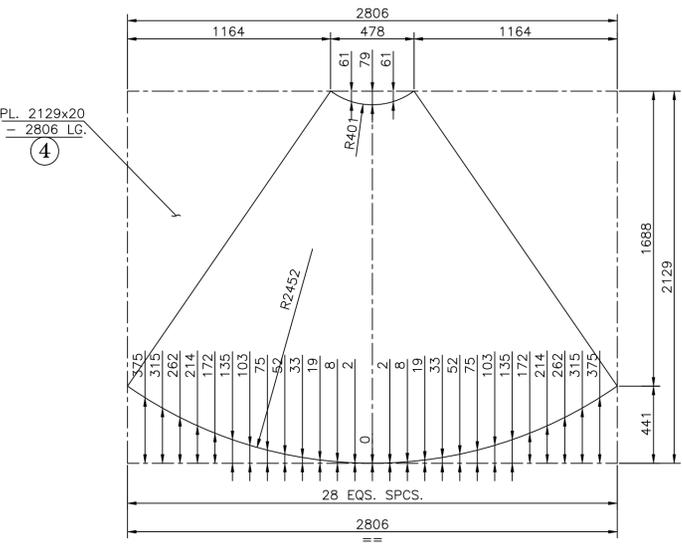
DEVELOPMENT OF COURSE CR-19



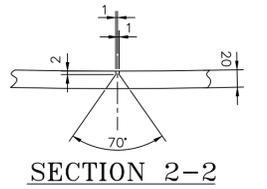
SECTION 4-4



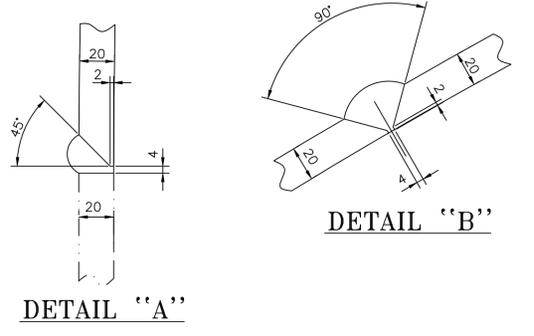
DETAIL OF MARK NO. CR-20/1 TO CR-20/20 (QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-21/1 TO CR-21/5 (QTY. 1 NO. EACH)

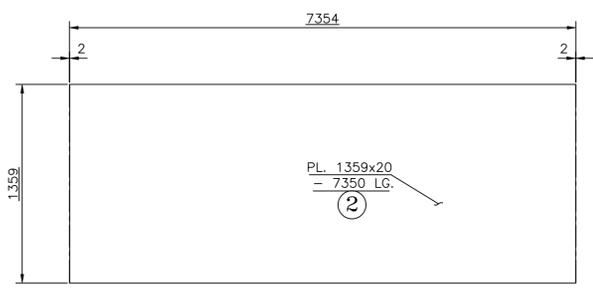


SECTION 2-2

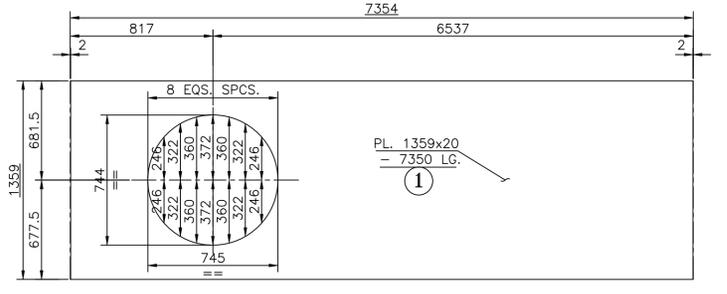


DETAIL "B"

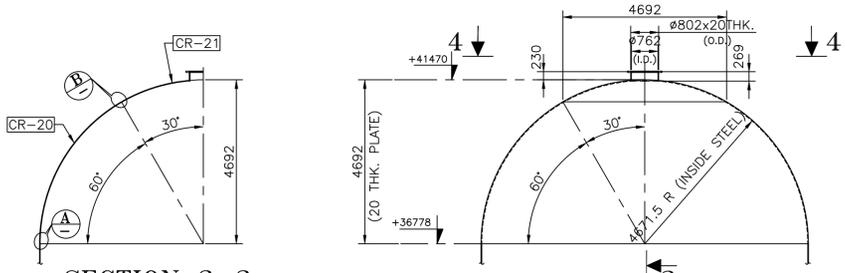
DETAIL "A"



DETAIL OF MARK NO. CR-19/2 TO CR-19/4 (QTY. 1 NO. EACH)



DETAIL OF MARK NO. CR-19/1 (QTY. 1 NO. EACH)

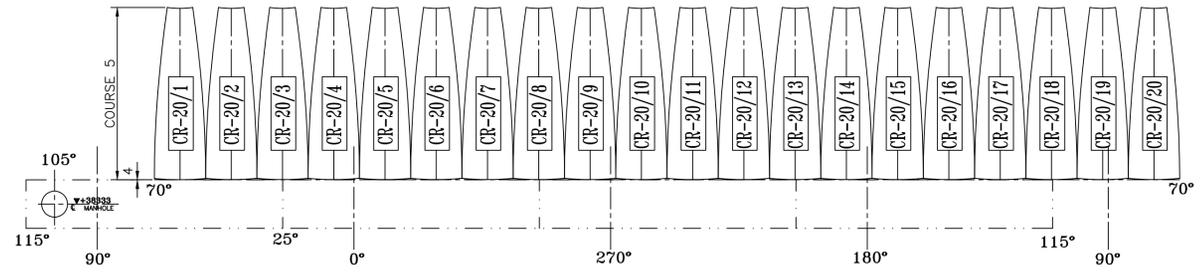


SECTION 3-3

DEVELOPMENT OF COURSE CR-20 & CR-21

BILL OF MATERIALS										
ERECTION MARK	ITEM NO.	MAT. SPECS.	SECTION	LENGTH IN mm.	REQD. NOS.	UNIT WT.	TOTAL WT.	ERE. NOS.	WT. FOR ALL. EREC.	REMARKS
CR-19/2/3 & CR-19/4	1		PL.1359X20	7350	1	157.00	1568.22			
CR-19/1	2	SEE ABSTRACT	PL.1359X20	7350	1	157.00	1568.22	1x3	4704.66	
CR-20/1 TO CR-20/20	3		PL.1469X20	4926	1	157.00	1136.09	1x1	1568.22	
CR-21/1 TO CR-21/5	4		PL.2129X20	2806	1	157.00	937.91	1x20	22721.80	
							937.91	1x5	4689.55	

TOTAL WT.= 33684.23 KG.= 33.684 T.



MARKING OF STOVE SHELL SEGMENTS (VIEW FROM OUT SIDE)

ABSTRACT			
SL.NO.	SECTIONS	WT. IN KGS.	REMARKS
1	PL. 20 THK.	33684.23	ASTM A516 GR.70

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.

REV.NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED

STRUCTURAL		RECONSTRUCTION OF BF NO. 1	
LOCATION	RANCHI	1750 m ³ BLAST FURNACE	
DESIGNED	-	STOVE SHELL	
DRAWN	-	DETAIL OF COURSE MKD. CR-19 TO CR-21.	
CHECKED AND VERIFIED	-	WITH BILL OF MATERIALS	
APPROVED	SIG. DATE	SCALE - 1:50	SHEET REV. 1 OF 1 O