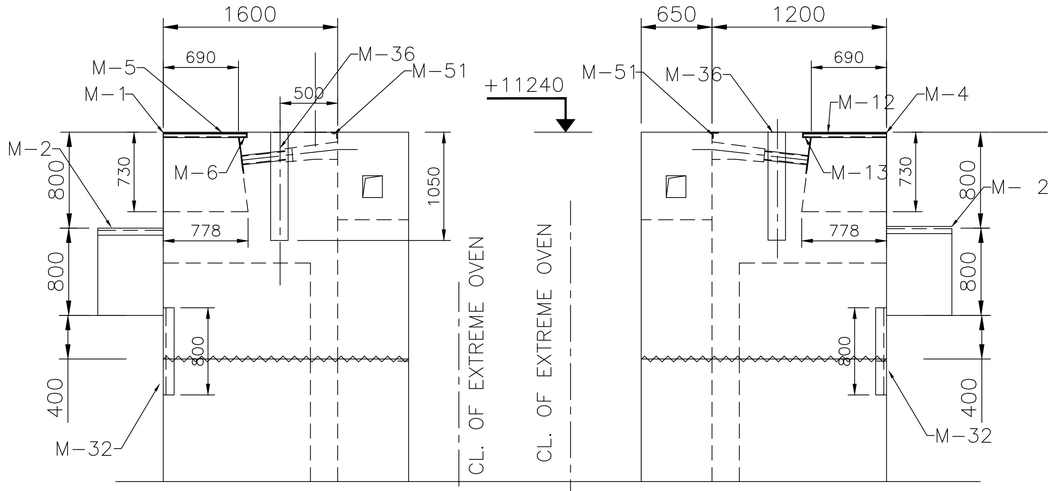
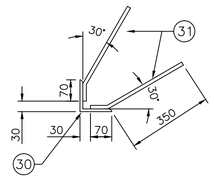
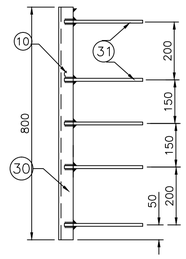




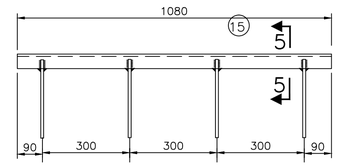
SECTION X-X
(SCALE 1:10)



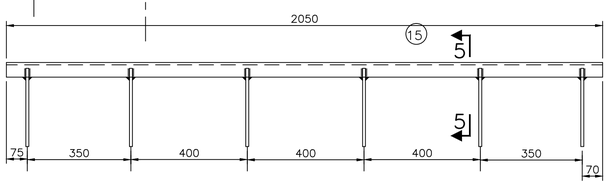
DETAIL-M-32

TABLE FOR METAL COMPONENTS SPECIFICATION							
MARK & QTY.	ITEM NO.	DETAIL SPECIFICATION	LENGTH mm	QTY	WEIGHT KG	WEIGHT KG UNIT	WEIGHT KG TOTAL
M-15 (n=6)	2	-30x5	550	3	0.90	57.90	355.00
	7	Checkered plate 6 thk.	1.02m ²	1	55.40		
	8	-30x5	1280	1	1.60		
M-16 (n=6)	9	[Channel 80X45	1350	1	11.70	26.40	158.40
	5	[Channel 80X45	770	2	13.40		
	6	₹8	150	15	1.30		
M-19 (n=2)	27	Channel 80X45	1000	1	8.64	15.20	31.50
	28	Channel 80X45	770	1	6.66		
	6	₹8	150	8	0.80		
M-21 (n=2)	9	L80x80x8	1085	1	9.80	11.80	23.60
	10	₹10	360	8	2.00		
M-22 (n=4)		L80x80x8	2050	1	19.50	22.30	89.20
	10	₹10	360	12	2.80		
M-23 (n=2)		L80x80x8	1350	1	13.50	15.50	31.00
	10	₹10	360	78	2.00		
M-24 (n=2)	9	L80x80x8	1550	1	13.70	15.70	31.40
	10	₹10	360	78	2.00		
M-32 (n=4)	30	L100x100x10	800	1	14.00	17.00	68.00
	31	₹10	420	10	3.00		
M-34 (15m)	29	Ang. 150x150x12	1000	15	27.30	31.30	470.00
	2	₹12	4500	15	4.00		
M-35 (n=2)	5	-300x10	500	1	11.77	14.74	29.48
	2	₹12	370	9	0.33		
M-36 (n=4)	32	-150x10	1975	1	16.0	19.80	80.00
	33	₹10	770	8	3.80		
M-38 (n=2)	35	MS rod ø16	1000	2	1.58	1.58	2.20
M-39 (n=4)	35	BOLT M16 WITH NUT & WASHER	400	1	0.7	0.7	2.80
M-40 (n=4)	36	PIPE 48.3x3.68	40	1	0.2	0.31	1.20
		ø40x4 ms Plate	60	1	0.11		
M-51 (n=30.0 -M)	13	L100x100x10	1000	1	15.10	15.33	460.0
	14	₹10	370	10	0.23		

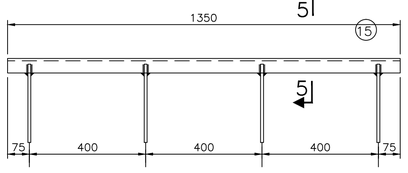
TABLE FOR METAL COMPONENTS SPECIFICATION							
MARK & QTY.	ITEM NO.	DETAIL SPECIFICATION	LENGTH mm	QTY	WEIGHT KG	WEIGHT KG UNIT	WEIGHT KG TOTAL
M-1 (n=2)	1	L50x50x5	730	1	3.20	6.80	13.70
	2	L50x50x5	770	1	3.60		
M-2 (n=14)	4	L80x80x10	600	1	5.00	5.62	158.0
	5	₹10	350	3	0.62		
M-3 (n=4)	7	L50x50x6	770	1	3.20	3.80	14.50
	8	₹8	250	4	0.60		
M-4 (n=2)	23	L50x50x6	730	1	3.20	6.80	13.70
	24	L50x50x6	770	1	3.60		
M-5 (n=2)	9	Stiffener, 30x5	490	3	0.6	41.4	82.8
	10	Checkered plate 6 thk.	0.77m ²	1	38.5		
	21	Stiffener, 30x5	940	1	1.1		
M-6 (n=2)	11	[Channel 80X45	1080	1	9.75	16.3	32.6
	12	[Channel 80X45	770	2	4.2		
	13	₹8	150	11	1.20		
M-7 (n=12)	14	Pipe ø122x5	395	1	6.4	6.4	76.8
M-10 (n=12)	19	₹10	310	16	0.2	23.9	286.8
	20	-470x10	560	1	20.7		
M-12 (n=2)	1	Checkered plate 6 thk.	0.77m ²	1	38.10	40.00	80.00
	2	-30x5	550	3	0.68		
	3	-30x5	895	1	1.12		
M-13 (n=2)	4	Channel 80X45	1000	1	8.64	20.84	42.00
	5	Channel 80X45	770	1	13.40		
	6	₹8	150	8	0.80		
M-14 (n=2)	1	Checkered plate 6 thk.	0.77m ²	1	38.10	40.20	80.50
	2	-30x5	550	3	0.88		
	3	-30x5	895	1	1.12		



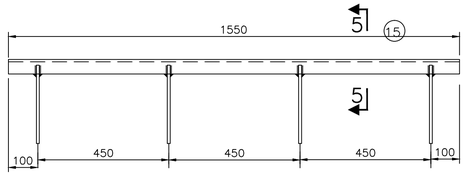
DETAIL OF M-21



DETAIL OF M-22



DETAIL OF M-23



DETAIL OF M-24

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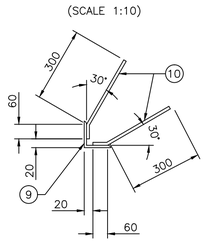
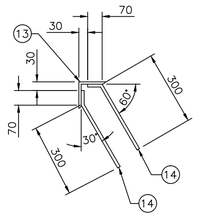
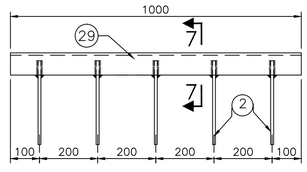


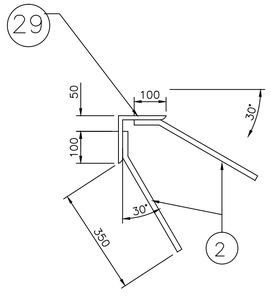
SECTION 5-5
(SCALE 1:10)



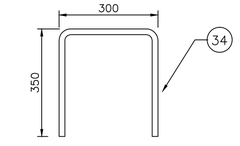
SECTION 9-9
(SCALE 1:10)



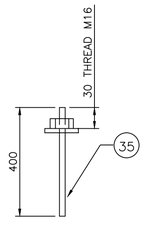
DETAIL OF M-34
(SCALE 1:10)



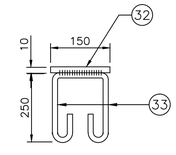
SECTION 7-7



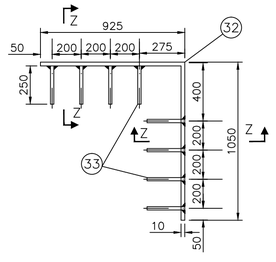
DETAIL OF M-38



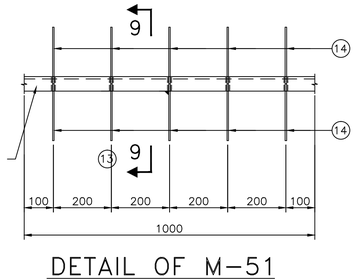
DETAIL OF M-39



SECTION Z - Z



DETAIL OF M-36



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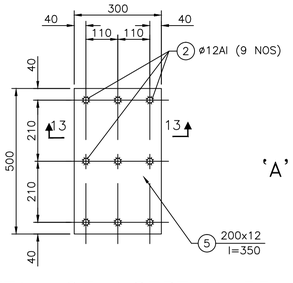

DETAIL OF INSERT M-35
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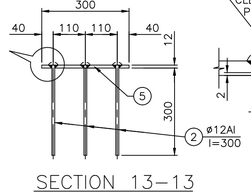
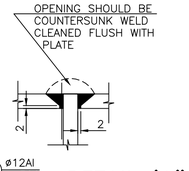
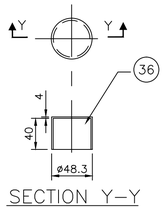


SECTION 13-13



DETAIL 'A"



SECTION Y-Y

DETAIL OF M-40

NOTE:-
1. FOR INSERTED DETAILS M-1 TO M-20, SEE SHEET 1 OF 1 (K-32) OF THIS DRAWING.
2. FOR SPECIFICATION AND OTHER NOTES REFER DRAWING NO. -CV-113-A-0.

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REV. No.	DATE	DESCRIPTION	REV.BY	CHK.BY
01 No	02.2024	INSERT DETAILS CORRECTED	B.Kr	

SUBMITTED FOR: APPROVAL | REFERENCE

ESFAHAN STEEL COMPANY
E.S.Co

EMPLOYER
BHILAI ENGINEERING CORPORATION LIMITED

CONTRACTOR
SE"GIPROKOKS"

DSGN		
DRWN	BK	09.2023
CHECKED	DS	10.2023
APPROVED	DS	10.2023

Coke Oven No.2 Reconstructon.
Coke Oven Battery Foundation
BUTTRESS WALL,
INSERTED ARTICLES

DRG. SIZE A1 | SCALE 1:10 | SHEET 2 of 2 | REV. 01

CONTR. DRG. NO.: | REF. Sh.K-33

PROJECT DRG. NO.: D-ES-CM-CO-11-18-CV-119-I-1