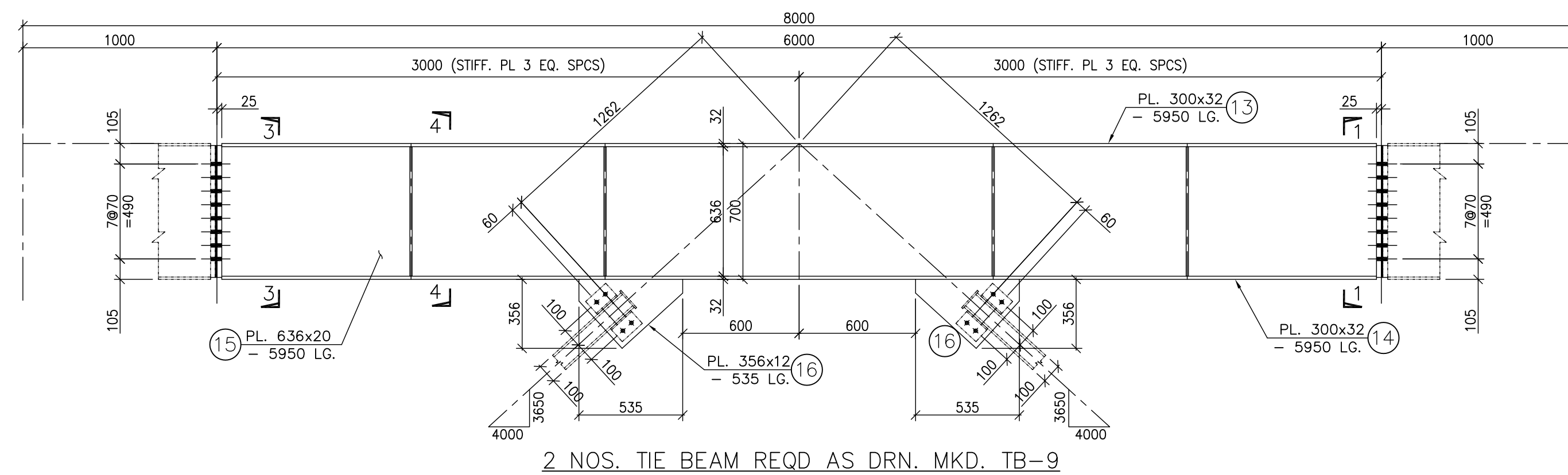
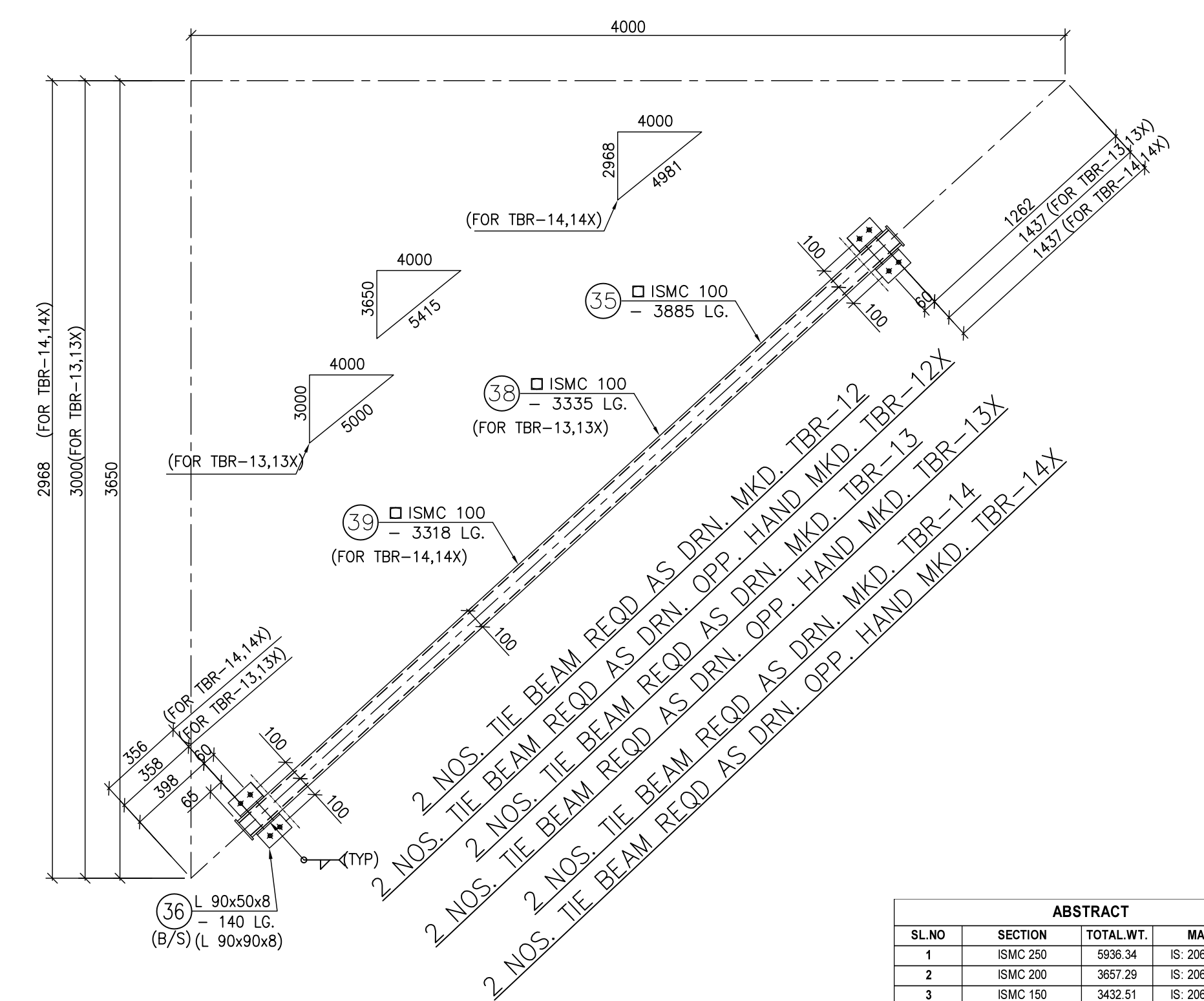
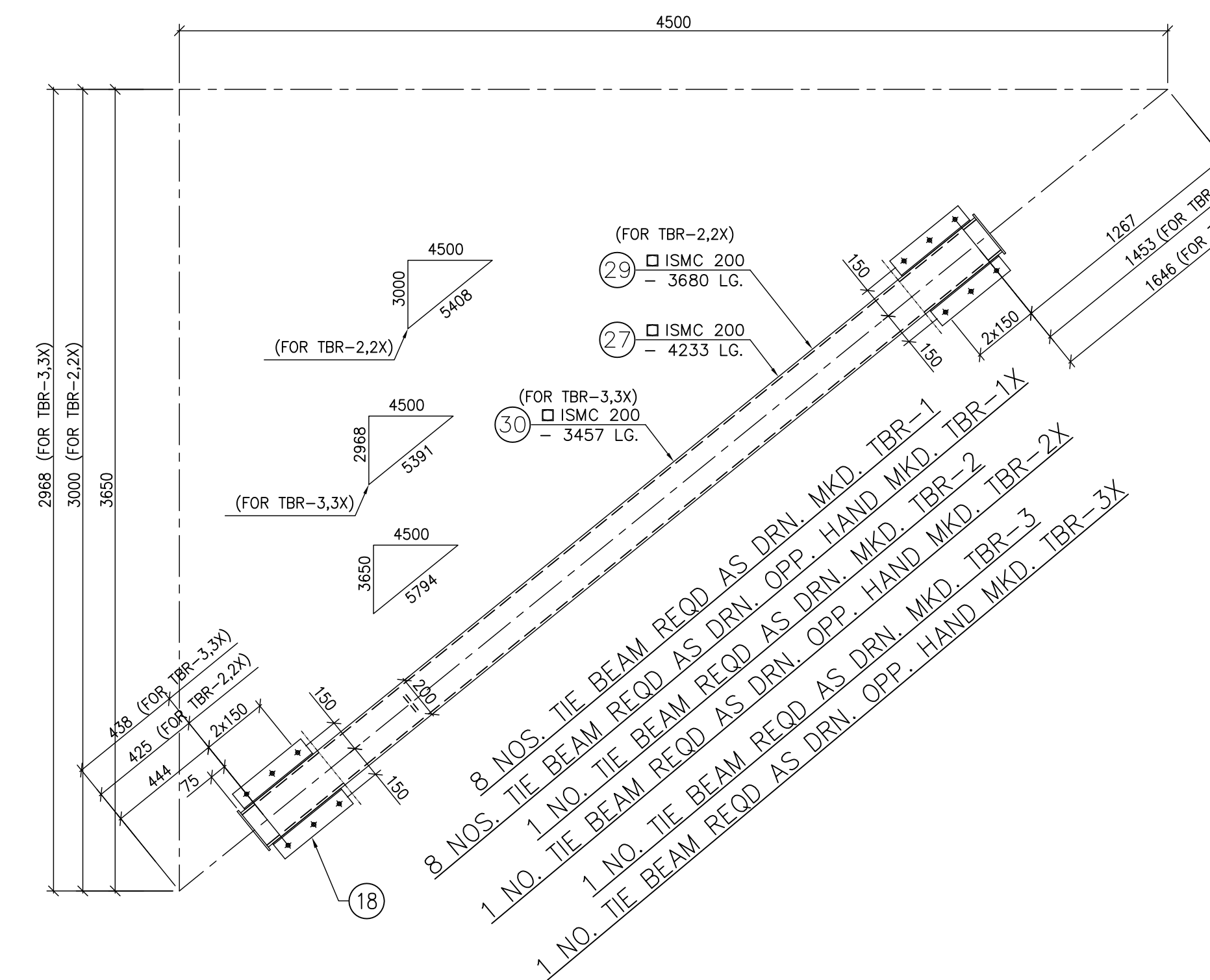
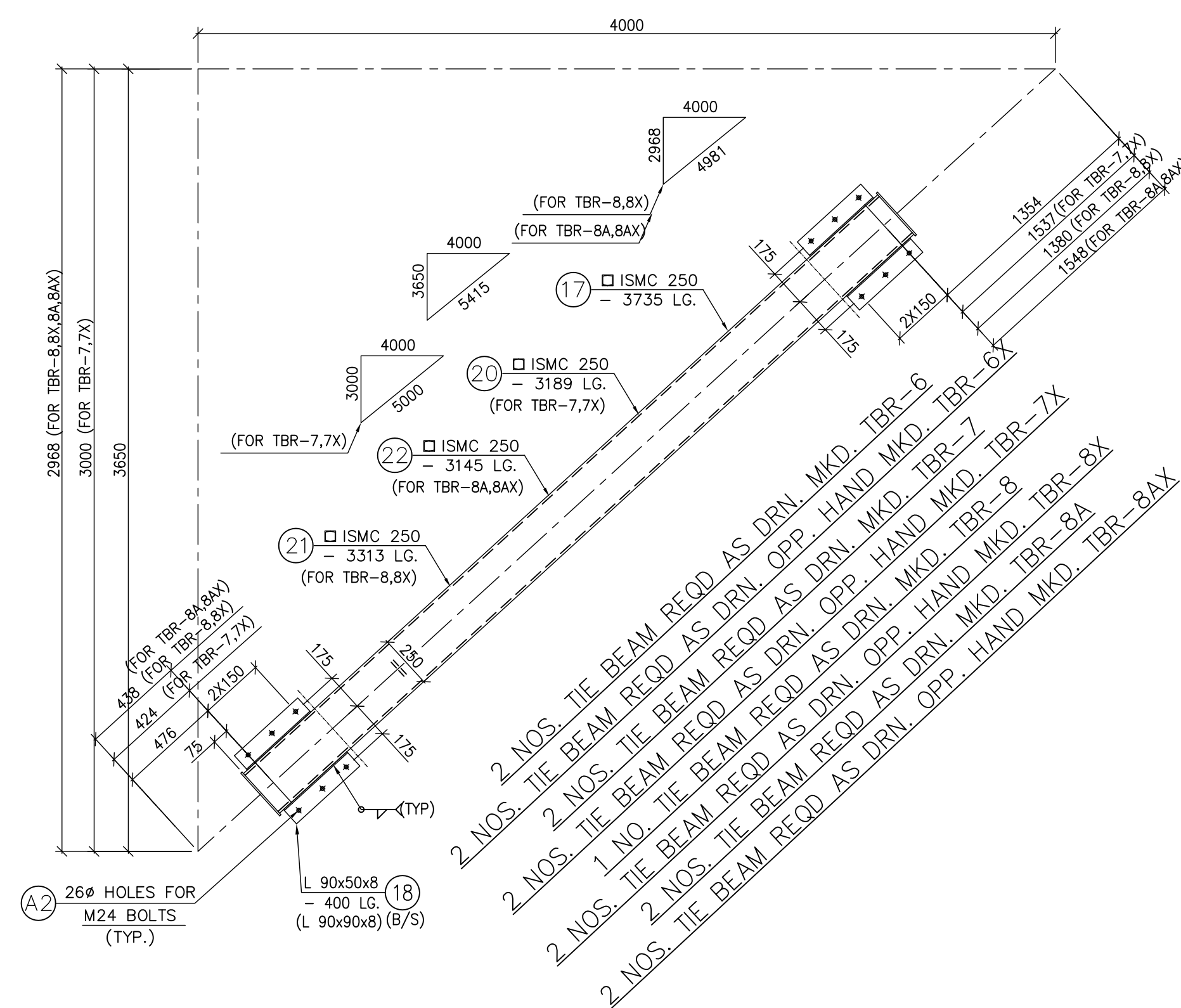




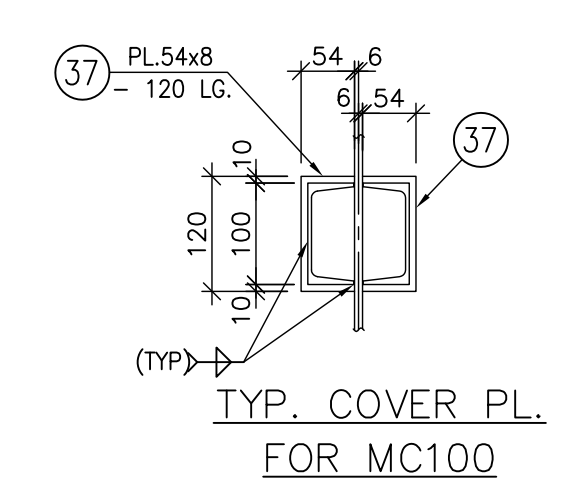
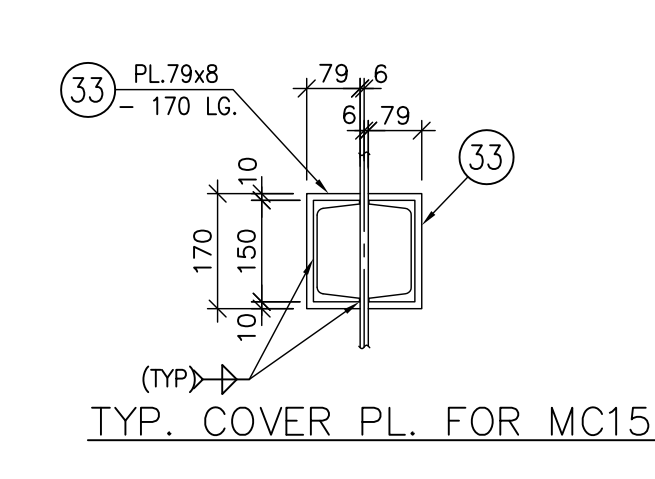
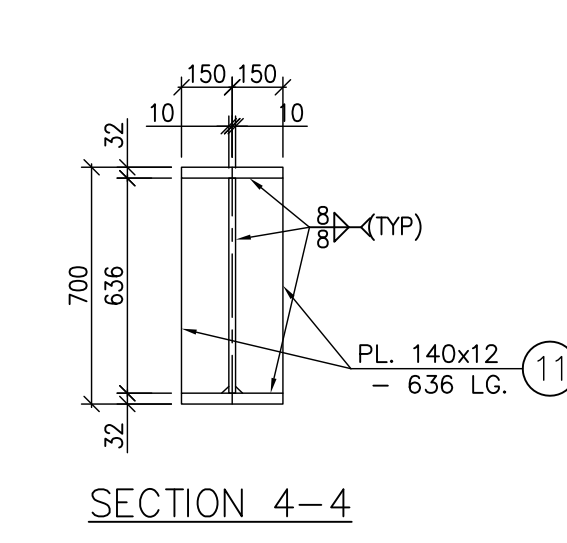
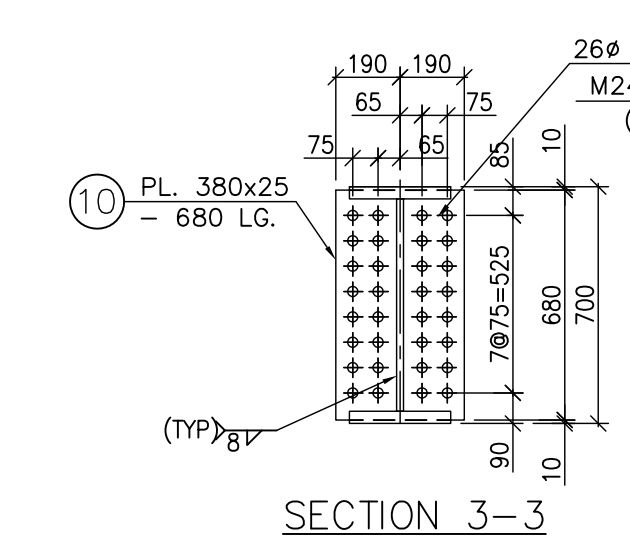
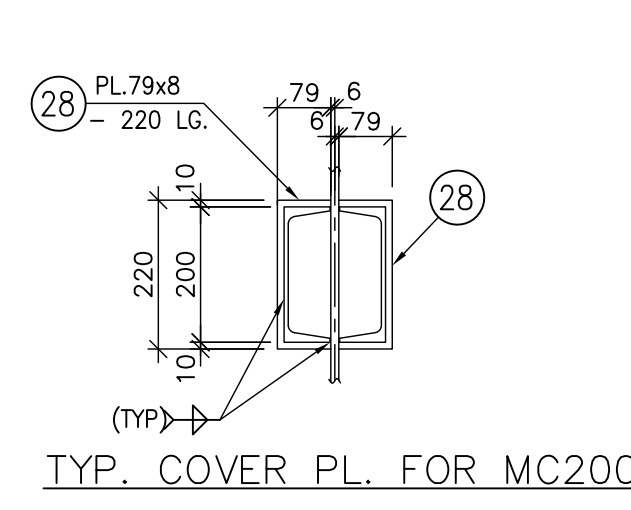
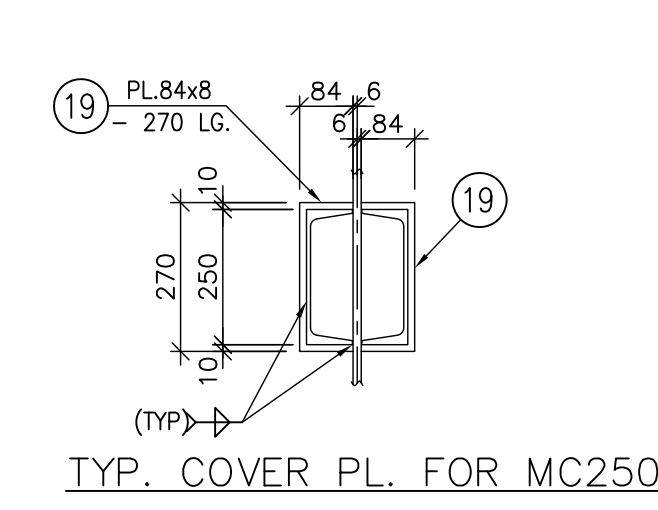
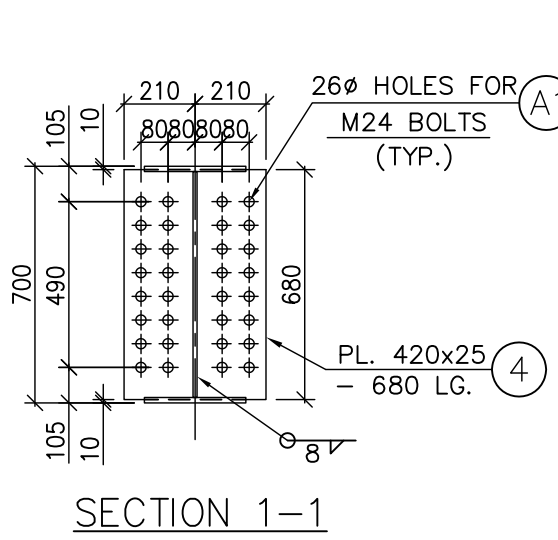
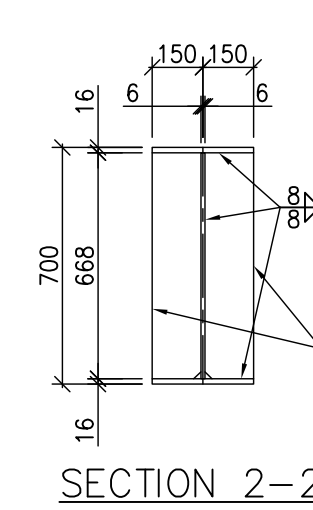
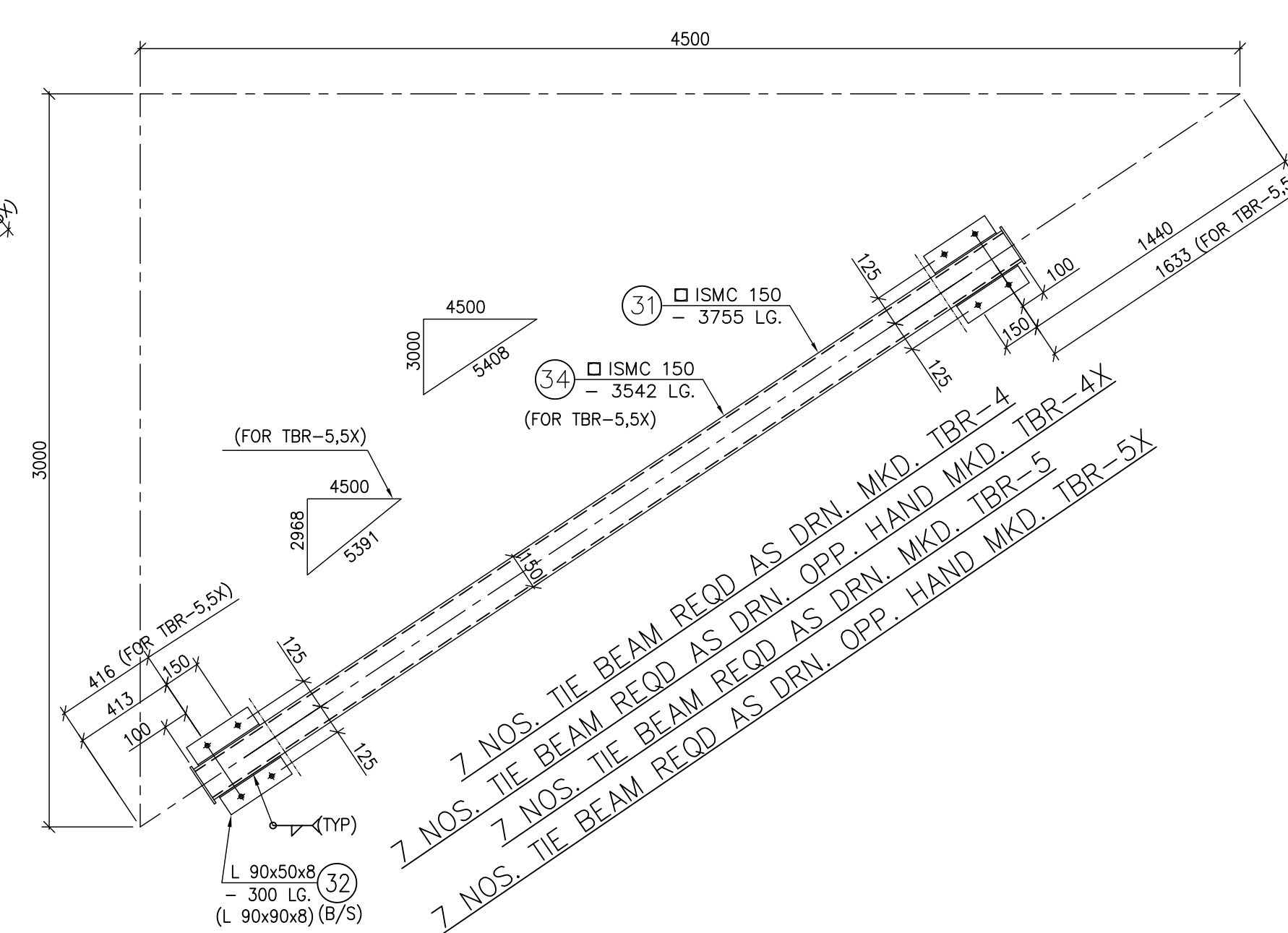
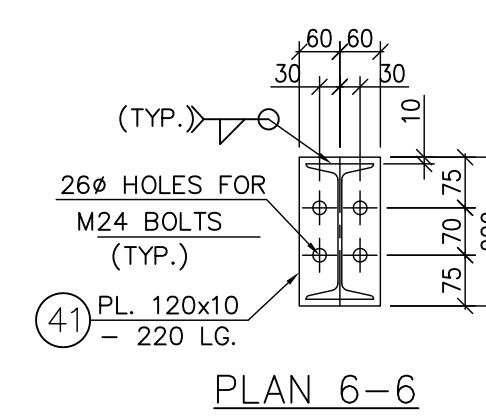
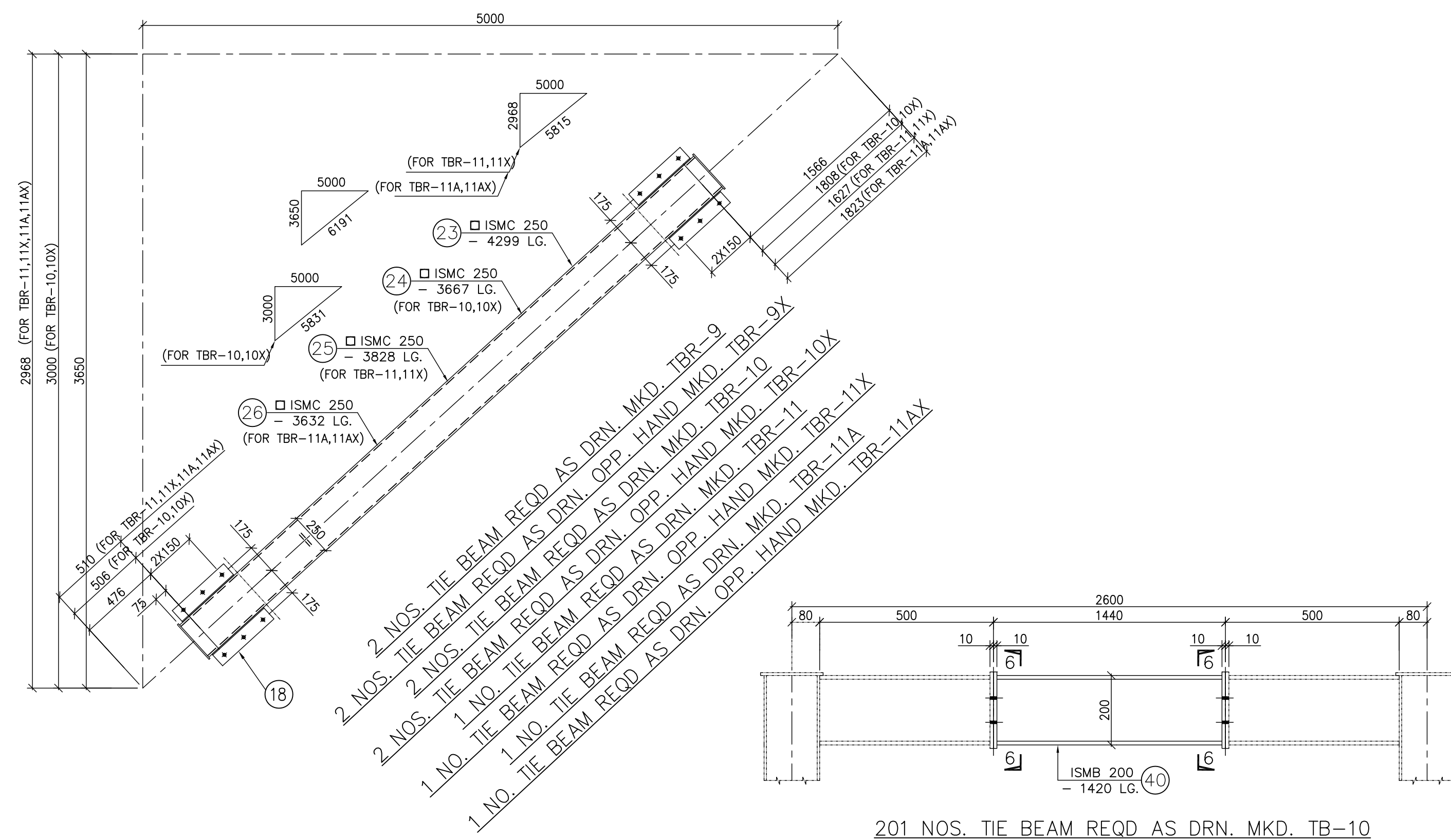
BILL OF MATERIALS PART#																	
SECTION WELD	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (kg)	WEIGHT FOR ONE ASSEMBLY (kg)	NO. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (kg)	SPEC. MTD. (kg)	REMARKS					
TB-1	1	PL 300x16	5650	1	125.60	224.20		2		449.39							
	2	PL 630x16	5550	1	125.60	483.12		2		966.24							
	3	PL 699x12	5550	1	94.20	334.41		2		668.82							
	4	PL 420x25	660	2	196.25	112.10		4		224.20							
	5	PL 164x12	660	8	94.20	71.48		16		144.96							
	6	PL 630x12	873	2	94.20	71.40		4	373079	144.60							
									1346.52		2		2555.05		2555.05		
TB-8	7	PL 300x32	5550	1	251.20	449.39		2		898.78							
	8	PL 300x32	5550	1	251.20	449.39		2		898.78							
	9	PL 630x20	5550	1	157.00	594.12		2		1188.24							
	4	PL 420x25	660	1	196.25	56.06		2		112.10							
	10	PL 390x25	660	1	196.25	50.71		2		101.42							
	11	PL 164x12	636	8	94.20	87.16		16		134.28							
									1688.12		2		123732	46.57		3378.03	3378.03
TB-8	7	PL 300x32	5550	1	251.20	449.39		2		898.78							
	8	PL 300x32	5550	1	251.20	449.39		2		898.78							
	9	PL 630x20	5550	1	157.00	594.12		2		1188.24							
	4	PL 420x25	660	1	196.25	56.06		2		112.10							
	10	PL 390x25	660	1	196.25	50.71		2		101.42							
	11	PL 164x12	636	8	94.20	87.16		16		134.28							
									1688.12		2		118721	44.73		3314.25	3314.25
TB-9.5N	17	630C 250	3735	2	30.60	228.59		4		914.33							
	18	L90x50x6	400	8	10.80	34.56		32		138.24		(L 90x50x6)					
	19	PL 8x6	270	4	62.80	5.70		16		22.79							
									269.84		2+2		1075.36				
TB-9.7N	20	630C 250	3180	2	30.60	195.17		4		768.67							
	18	L90x50x6	400	8	10.80	34.56		32		138.24		(L 90x50x6)					
	19	PL 8x6	270	4	62.80	5.70		16		22.79							
									255.42		2+2		941.70				
TB-9.8N	21	630C 250	3315	2	30.60	202.75		4		698.27							
	18	L90x50x6	400	8	10.80	34.56		32		138.68		(L 90x50x6)					
	19	PL 8x6	270	4	62.80	5.70		14		17.09							
									241.01		1+2		729.04				
TB-8.8.8.4M	22	630C 250	3145	2	30.60	192.47		4		768.69							
	18	L90x50x6	400	8	10.80	34.56		32		138.24		(L 90x50x6)					
	19	PL 8x6	270	4	62.80	5.70		16		22.79							
									222.73		2+2		936.92				
TB-9.8.9.3N	23	630C 250	4299	2	30.60	253.13		4		1052.40							
	18	L90x50x6	400	8	10.80	34.56		32		138.24		(L 90x50x6)					
	19	PL 8x6	270	4	62.80	5.70		16		22.79							
									303.36		2+2		1215.42				

BILL OF MATERIALS PART 8										
SECTION	ITEM NO.	SECTION	LENGTH	QTY/NO OF ASSEMBLY	UNIT PRICE	WHSQTY/NO OF ASSEMBLY	KIND OF ASSEMBLY	QTY FOR TOTAL ASSEMBLY	WHSQTY/NO TOTAL ASSEMBLY	REMARKS
TBR-10/18	24	EMC 250	267	2	38.0	234.42		8	837.68	
	25	LWC630	400	8	11.80	34.56		32	118.54	(0.90x630)
	26	PL 9465	270	4	62.00	5.70		16	22.76	
						264.68	2+2		1059.71	1952.71
TBR-11/18	25	EMC 250	3028	2	38.0	234.27		4	468.55	
	26	LWC630	400	8	11.80	34.56		16	61.12	(0.90x630)
	27	PL 9465	270	4	62.00	5.70		8	11.30	
						274.43	1+1		540.06	540.06
TBR-11A/18A	26	EMC 250	3232	2	38.0	222.28		4	444.55	
	27	LWC630	400	8	11.80	34.56		16	61.12	(0.90x630)
	28	PL 9465	270	4	62.00	5.70		8	11.30	
						262.54	1+1		535.07	535.07
TBR-12/18	27	EMC 250	4233	2	23.0	108.73		32	202.07	
	28	LWC630	400	8	11.80	34.56		139	551.96	(0.90x630)
	29	PL 7362	220	4	62.00	4.57		64	69.85	
						127.72	6+8		362.44	362.44
TBR-2/20	28	EMC 250	3880	2	23.0	94.13		4	338.35	
	29	LWC630	400	8	11.80	34.56		16	69.12	(0.90x630)
	30	PL 7362	220	4	62.00	4.57		8	9.73	
						200.05	1+1		405.11	405.11
TBR-3/30	30	EMC 250	3457	2	23.0	94.18		4	338.36	
	31	LWC630	400	8	11.80	34.56		16	69.12	(0.90x630)
	32	PL 7362	220	4	62.00	4.57		8	9.73	
						193.11	1+1		366.22	366.22
TBR-4/40	31	EMC 150	3795	2	16.00	93.17		28	1796.35	
	32	LWC630	300	8	11.80	25.62		112	352.88	(0.90x630)
	33	PL 7362	170	4	62.00	3.37		56	217.45	
						155.45	7+7		4716.46	2178.46
TBR-5/30	32	EMC 150	3542	2	16.00	119.11		28	1669.16	
	33	LWC630	300	8	11.80	25.62		112	352.88	(0.90x630)
	34	PL 7362	170	4	62.00	3.37		56	217.27	
						148.30	7+7		4075.27	2075.27
TBR-12/24	35	EMC 150	3885	2	9.95	74.28		8	237.12	
	36	LWC630	140	8	11.80	12.10		32	49.18	(0.90x630)
	37	PL 9465	120	4	62.00	1.65		16	6.51	
						89.03	2+2		352.12	352.12
TBR-13/24	36	EMC 150	3335	2	9.95	63.77		8	235.06	
	37	LWC630	140	8	11.80	12.10		32	48.18	(0.90x630)
	38	PL 9465	120	4	62.00	1.65		16	6.51	
						77.49	2+2		339.96	339.96
TBR-14/14A	39	EMC 150	3318	2	9.95	63.44		8	233.75	
	40	LWC630	140	8	11.80	12.10		32	48.18	(0.90x630)
	41	PL 9465	120	4	62.00	1.65		16	6.51	
						77.16	2+2		336.61	336.61
TBR-10	40	EM8 220	1420	1	25.40	36.97		210	7524.28	
	41	PL 120x10	220	2	78.50	4.14		420	870.41	
						40.21	210		8444.69	8444.69
TOTAL WEIGHT: 26128.4 KG = 26.128 T										



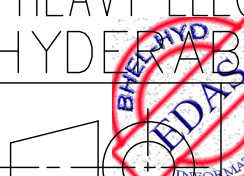
BOLT SCHEDULE						
ITEM NO.	HEX BOLTS				TOTAL NOS.	WEIGHT
	SIZE	BOLT TYPE	BOLT CLASS	NOMINAL LENGTH		
A1	M24	F	P.C. 8.8	90	384	163.968
A2	M24	F	P.C. 8.8	60	788	245.856
					TOTAL NOS=	409.824

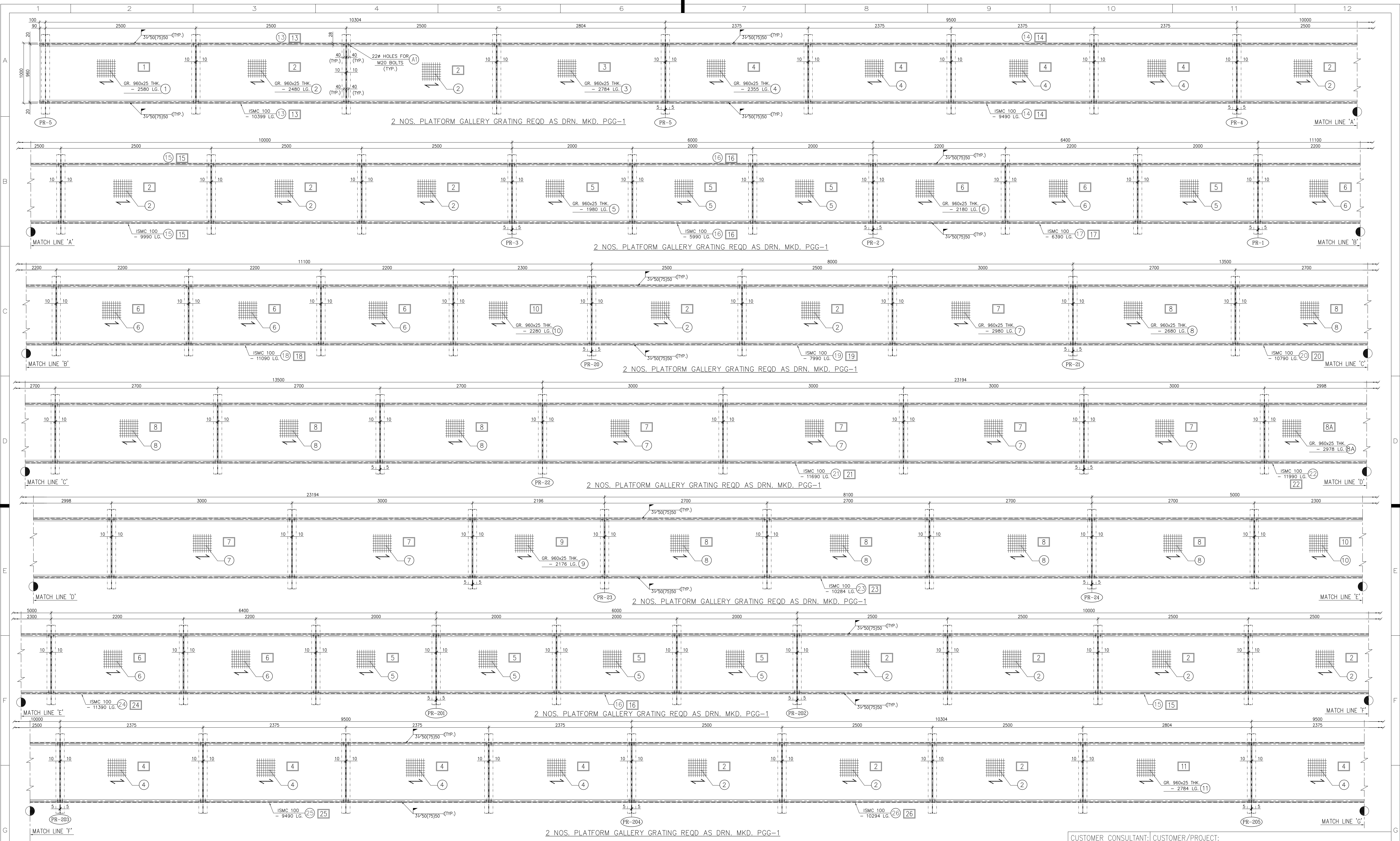
ABSTRACT				
SL.NO	SECTION	TOTAL.WT.	MATL.SPON	
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2	ISMC 200	3657.29	IS	2062-2006 GRA
3	ISMC 150	5432.51	IS	2062-2006 GRA
4	LSM 100	805.95	IS	2062-2006 GRA
5	L50x60x3	2456.23	IS	2062-2006 GRA
6	PL 32 THK	3587.14	IS	2062-2006 GRA
7	PL 25 THK	651.24	IS	2062-2006 GRA
8	PL 20 THK	2378.46	IS	2062-2006 GRA
9	PL 16 THK	1434.85	IS	2062-2006 GRA
10	PL 12 THK	1366.24	IS	2062-2006 GRA
11	PL 8 THK	355.14	IS	2062-2006 GRA
TOTAL WEIGHT =		29128.40		



NOTES:

1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

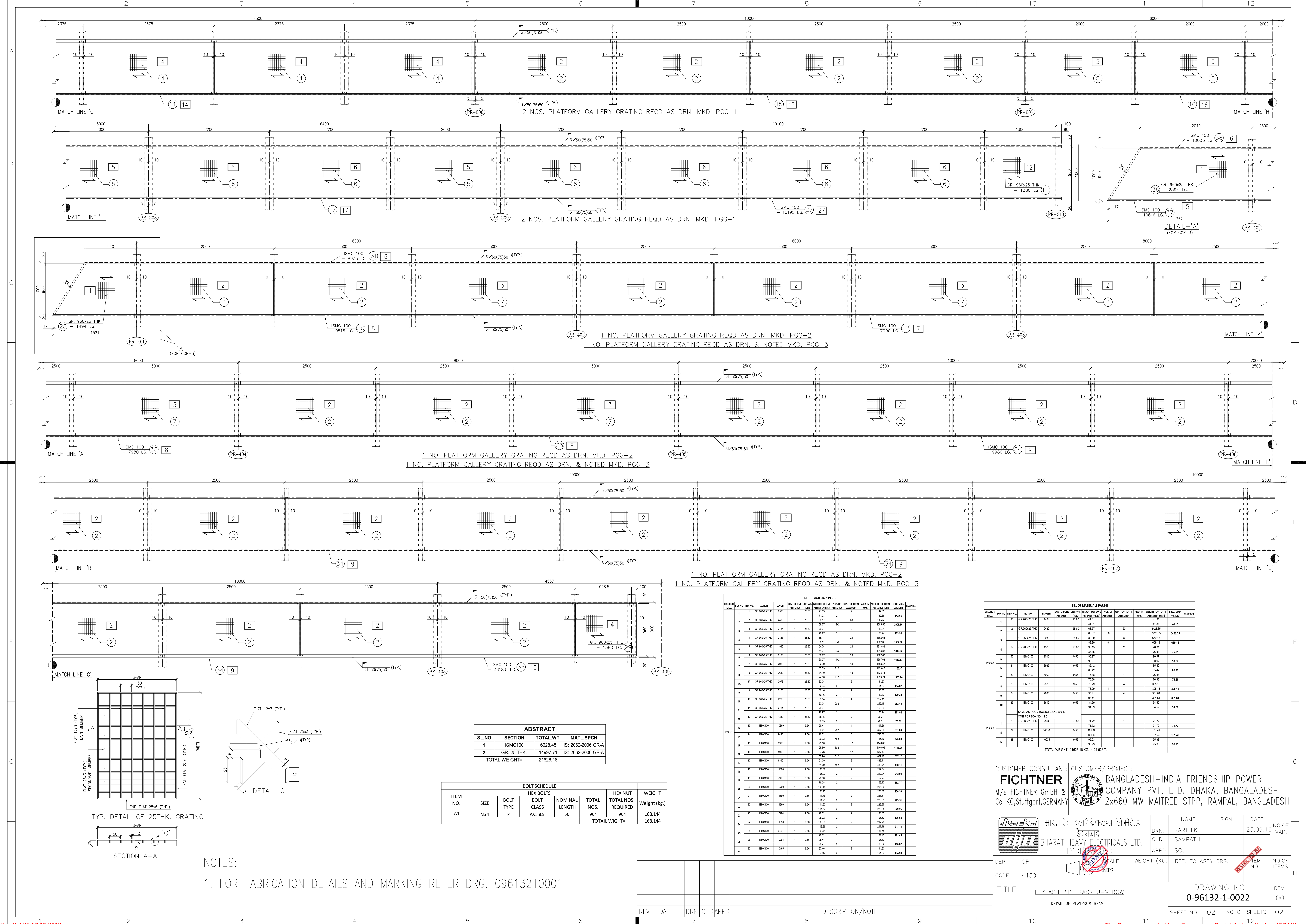
CUSTOMER CONSULTANT:		CUSTOMER/PROJECT:		BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x600 MW MAITREE STPP, RAMPAL, BANGLADESH																							
FICHTNER M/s FICHTNER GmbH & Co KG,Stuttgart,GERMANY																											
		भारत हेवी इलेक्ट्रिकल्स लिमिटेड हैदराबाद BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		<table><tr><th></th><th>NAME</th><th>SIGN.</th><th>DATE</th><th>No. OF VAR.</th></tr><tr><td>DRN.</td><td>KARTHIK</td><td></td><td>23.09.19</td><td></td></tr><tr><td>CHD.</td><td>SAMPATH</td><td></td><td></td><td></td></tr><tr><td>APPD.</td><td>SCJ</td><td></td><td></td><td></td></tr></table>			NAME	SIGN.	DATE	No. OF VAR.	DRN.	KARTHIK		23.09.19		CHD.	SAMPATH				APPD.	SCJ					
	NAME	SIGN.	DATE	No. OF VAR.																							
DRN.	KARTHIK		23.09.19																								
CHD.	SAMPATH																										
APPD.	SCJ																										
DEPT. OR CODE 4430		 SALES INTS		WEIGHT (KG)		REF. TO ASSY DRG. SEM NO. NO. OF ITEMS																					
TITLE FLY ASH PIPE RACK U-V ROW				DRAWING NO. 0-96132-1-0021		REV. 00																					
DETAIL OF PLATFROM BEAM				SHEET NO. 01		NO OF SHEETS 01																					



NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

REV	DATE	DRN	CHD	APPD	DESCRIPTION/NOTE

CUSTOMER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		CUSTOMER/PROJECT: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH	
DEPT. OR CODE 4430		SCALE WEIGHT (KG)	
TITLE FLY ASH PIPE RACK U-V ROW DETAIL OF PLATFORM GALLERY BEAM		DRAWING NO. 0-96132-1-0022	
SHEET NO. 01		NO OF SHEETS 02	



NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	ISMC100	6628.45	IS: 2062-2006 GR-A
2	GR. 25 THK.	14997.71	IS: 2062-2006 GR-A
TOTAL WEIGHT=		21626.16	

BOLT SCHEDULE					
ITEM NO.	SIZE	BOLT TYPE	BOLT CLASS	NOMINAL LENGTH	HEX NUT
A1	M24	P	P.C. 8.8	50	904
				TOTAL NOS.	904
				TOTAL WEIGHT=	168.144

BILL OF MATERIALS PART-I									
SECTION NO.	ITEM NO.	SECTION	LENGTH	QTY. FOR ONE ASSEMBLY	UNIT WT. (KG.)	NO. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA IN SQ. M.	WEIGHT FOR TOTAL (KG.)
1	1	GR. 25 THK.	2500	1	25.00	1	25.00	14.31	14.31
2	2	GR. 25 THK.	2400	1	24.00	1	24.00	13.84	13.84
3	3	GR. 25 THK.	2100	1	21.00	1	21.00	12.00	12.00
4	4	GR. 25 THK.	2250	1	22.50	1	22.50	12.75	12.75
5	5	GR. 25 THK.	1800	1	18.00	1	18.00	10.18	10.18
6	6	GR. 25 THK.	2100	1	21.00	1	21.00	12.00	12.00
7	7	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
8	8	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
9	9	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
10	10	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
11	11	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
12	12	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
13	13	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
14	14	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
15	15	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
16	16	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
17	17	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
18	18	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
19	19	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
20	20	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
21	21	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
22	22	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
23	23	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
24	24	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
25	25	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
26	26	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
27	27	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52

BILL OF MATERIALS PART-II									
SECTION NO.	ITEM NO.	SECTION	LENGTH	QTY. FOR ONE ASSEMBLY	UNIT WT. (KG.)	NO. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA IN SQ. M.	WEIGHT FOR TOTAL (KG.)
1	1	GR. 25 THK.	2400	1	24.00	1	24.00	13.84	13.84
2	2	GR. 25 THK.	2400	1	24.00	1	24.00	13.84	13.84
3	3	GR. 25 THK.	2100	1	21.00	1	21.00	12.00	12.00
4	4	GR. 25 THK.	2250	1	22.50	1	22.50	12.75	12.75
5	5	GR. 25 THK.	1800	1	18.00	1	18.00	10.18	10.18
6	6	GR. 25 THK.	2100	1	21.00	1	21.00	12.00	12.00
7	7	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
8	8	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
9	9	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
10	10	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
11	11	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
12	12	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
13	13	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
14	14	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
15	15	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
16	16	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
17	17	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
18	18	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
19	19	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
20	20	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
21	21	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
22	22	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
23	23	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
24	24	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
25	25	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
26	26	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52
27	27	GR. 25 THK.	2000	1	20.00	1	20.00	11.52	11.52

CUSTOMER CONSULTANT:

FICHTNER

M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY

CUSTOMER/PROJECT:

BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH

2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

NAME

SIGN.

DATE

NO. OF VAR.

DRN.

KARTHIK

CHD.

SAMPATH

SCJ

APPD.

SCJ

WEIGHT (KG)

REF. TO ASSY DRG.

EM NO.

NO. OF ITEMS

DEPT.

OR

CODE

4430

TITLE

FLY ASH PIPE RACK U-V ROW

DETAIL OF PLATFORM BEAM

DRAWING NO.

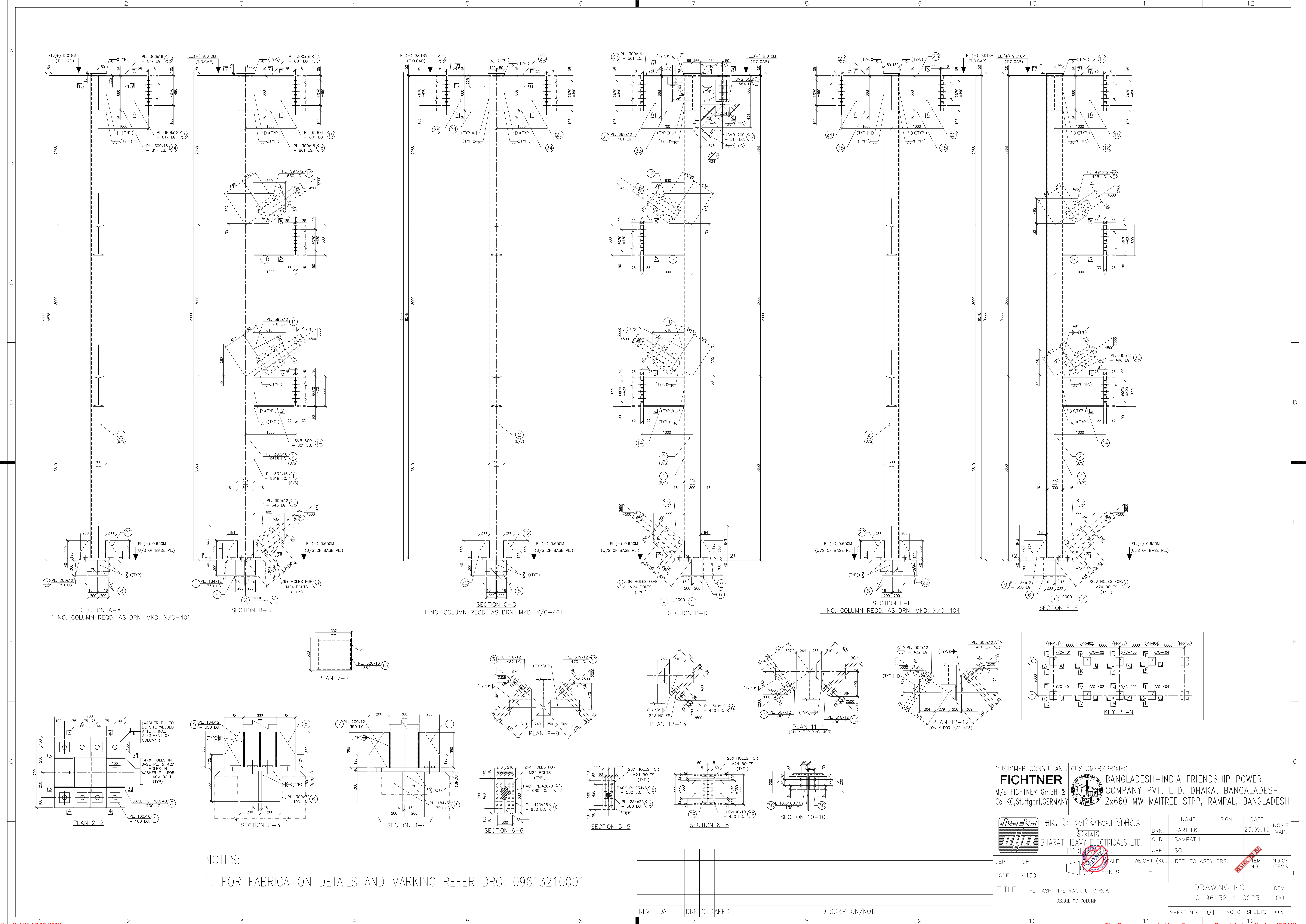
0-96132-1-0022

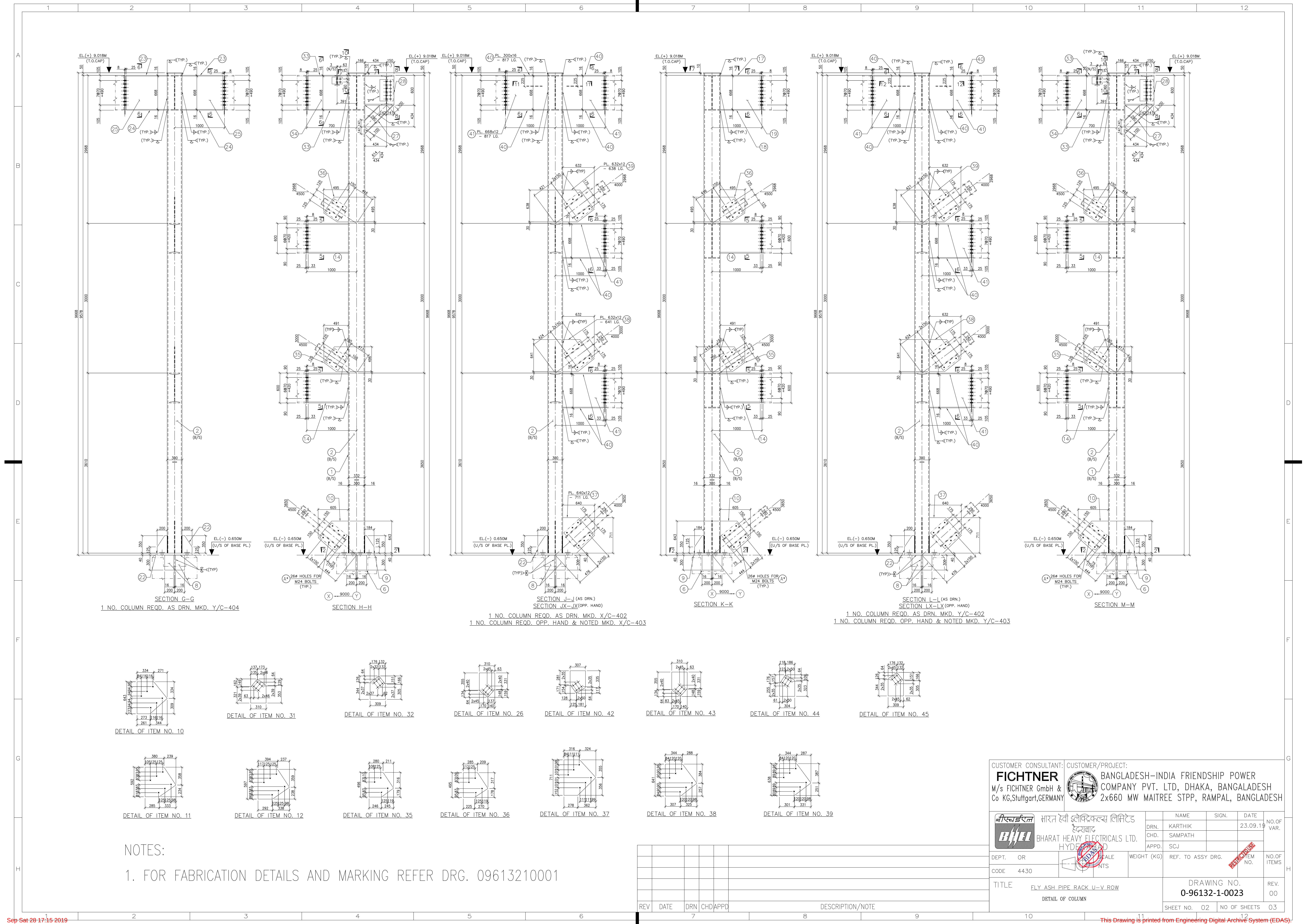
SHEET NO.

02

NO OF SHEETS

02





NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

CUSTOMER CONSULTANT:
FICHTNER
M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY



BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH

2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

NAME

SIGN.

DATE

NO. OF VAR.

DRN.

KARTHIK

23.09.19

CHD.

SAMPATH

APPD.

SCJ

DEPT.

OR

CODE

4430

SCALE

IN TS

WEIGHT (KG)

REF. TO ASSY DRG.

ITEM NO.

NO. OF ITEMS

TITLE

FLY ASH PIPE RACK U-V ROW

DETAIL OF COLUMN

DRAWING NO.

0-96132-1-0023

REV.

00

SHEET NO.

02

NO OF SHEETS

03

REVISION

REV

DATE

DRN

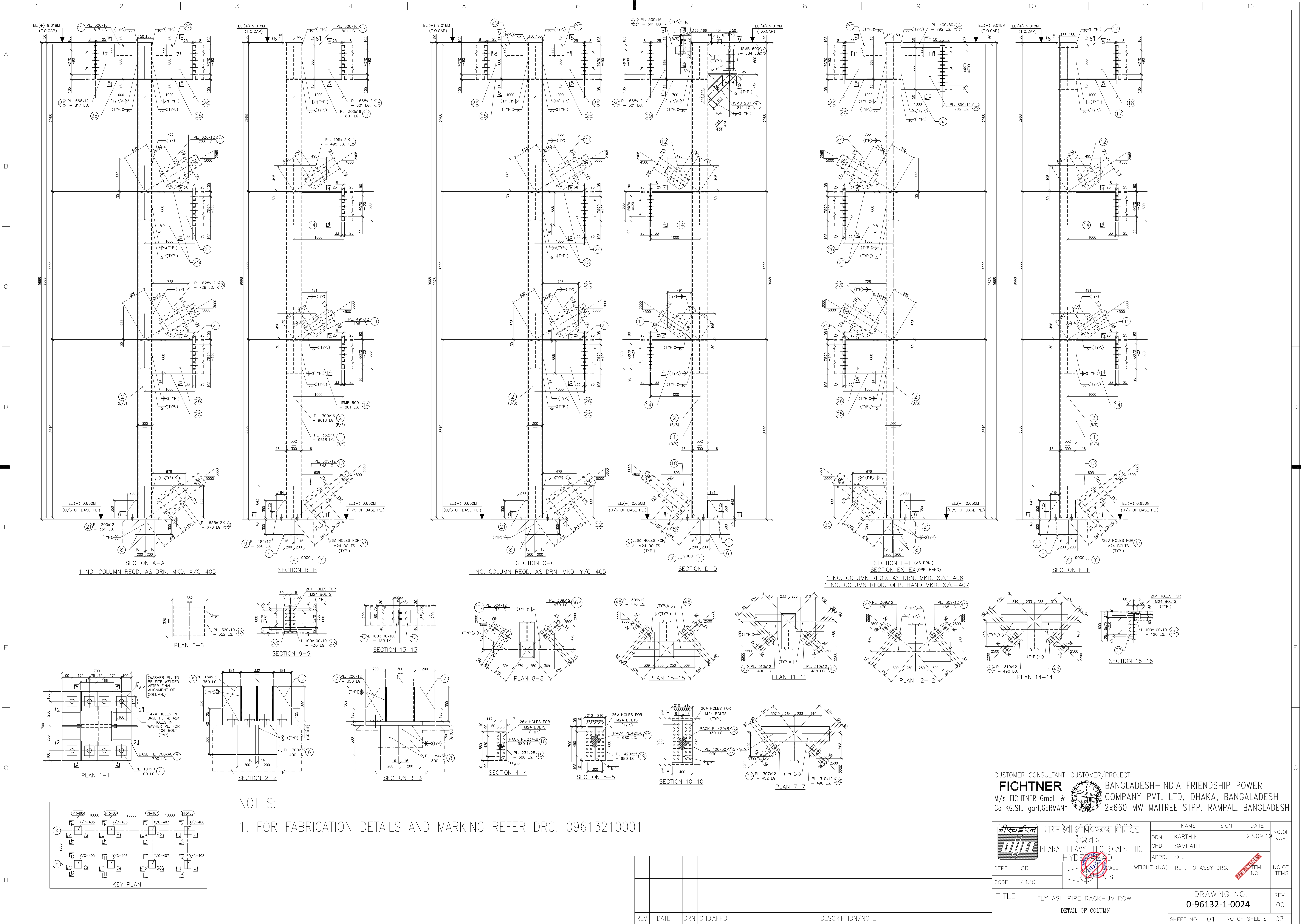
CHD

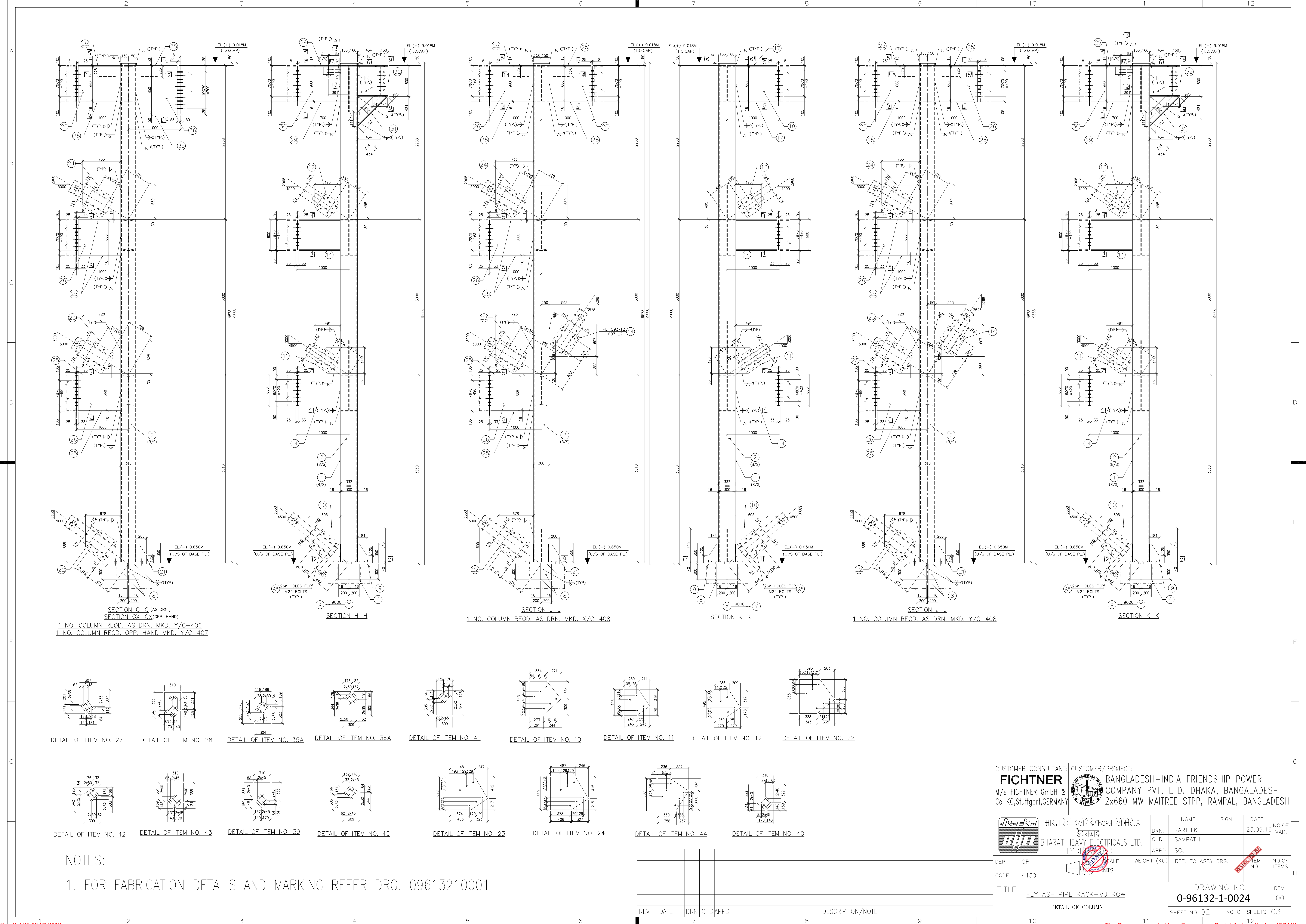
APPD

DESCRIPTION/NOTE

BILL OF MATERIALS PART-III														
ERECTION MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS		
Y/C-402	1	PL 332x16	9618	2	125.60	802.13		2		802.13				
	2	PL 300x16	9618	2	125.60	724.81		2		724.81				
	3	PL 700x40	700	1	314.00	153.86		1		153.86				
	4	PL 100x16	100	8	125.60	10.05		8		10.05				
	5	PL 184x12	350	4	94.20	24.27		4		24.27				
	6	PL 300x32	400	1	251.20	30.14		1		30.14				
	7	PL 200x12	350	4	94.20	26.38		4		26.38				
	8	PL 184x32	300	2	251.20	27.73		2		27.73				
	9	PL 184x12	350	1	94.20	6.07		1		6.07				
	10	PL 605x12	643	1	94.20	27.37		1		27.37				
	35	PL 491x12	496	1	94.20	17.70		1		17.70				
	36	PL 495x12	495	1	94.20	17.69		1		17.69				
	13	PL 320x10	352	1	78.50	8.84		1		8.84				
	14	ISMB 600	801	2	123.00	197.05		2		197.05				
	15	PL 234x25	580	2	196.25	53.27		2		53.27				
	16	PL 234x8	580	2	62.80	17.05		2		17.05				
	20	PL 420x25	680	3	196.25	168.15		3		168.15				
	21	PL 420x8	680	3	62.80	53.81		3		53.81				
	22	PL 200x12	350	2	94.20	13.19		2		13.19				
	27	ISMB 200	814	1	24.20	19.70		1		19.70				
	28	ISMB 600	584	1	123.00	71.83		1		71.83				
	29	L100x100x10	430	2	14.90	12.81		2		12.81				
	30	L100x100x10	130	2	14.90	3.87		2		3.87				
	31	PL 310x12	482	1	94.20	11.98		1		11.98				
	32	PL 309x12	470	1	94.20	11.60		1		11.60				
	33	PL 300x16	501	2	125.60	37.76		2		37.76				
	34	PL 668x12	501	1	94.20	31.53		1		31.53				
	37	PL 640x12	711	1	94.20	31.36		1		31.36				
	38	PL 632x12	641	1	94.20	29.02		1		29.02				
	39	PL 632x12	638	1	94.20	28.83		1		28.83				
	40	PL 300x16	817	8	125.60	246.28		8		246.28				
	41	PL 668x12	817	4	94.20	205.64		4		205.64				
							3121.74	1			3121.74			
	Y/C-403	1	PL 332x16	9618	2	125.60	802.13		2		802.13			
		2	PL 300x16	9618	2	125.60	724.81		2		724.81			
		3	PL 700x40	700	1	314.00	153.86		1		153.86			
		4	PL 100x16	100	8	125.60	10.05		8		10.05			
		5	PL 184x12	350	4	94.20	24.27		4		24.27			
		6	PL 300x32	400	1	251.20	30.14		1		30.14			
		7	PL 200x12	350	4	94.20	26.38		4		26.38			
		8	PL 184x32	300	2	251.20	27.73		2		27.73			
9		PL 184x12	350	1	94.20	6.07		1		6.07				
10		PL 605x12	643	1	94.20	27.37		1		27.37				
35		PL 491x12	496	1	94.20	17.70		1		17.70				
36		PL 495x12	495	1	94.20	17.69		1		17.69				
13		PL 320x10	352	1	78.50	8.84		1		8.84				
14		ISMB 600	801	2	123.00	197.05		2		197.05				
15		PL 234x25	580	2	196.25	53.27		2		53.27				
16		PL 234x8	580	2	62.80	17.05		2		17.05				
20		PL 420x25	680	3	196.25	168.15		3		168.15				
21		PL 420x8	680	3	62.80	53.81		3		53.81				
22		PL 200x12	350	2	94.20	13.19		2		13.19				
27		ISMB 200	814	1	24.20	19.70		1		19.70				
28		ISMB 600	584	1	123.00	71.83		1		71.83				
29		L100x100x10	430	2	14.90	12.81		2		12.81				
30		L100x100x10	130	2	14.90	3.87		2		3.87				
31		PL 310x12	482	1	94.20	11.98		1		11.98				
32		PL 309x12	470	1	94.20	11.60		1		11.60				
33		PL 300x16	501	2	125.60	37.76		2		37.76				
34		PL 668x12	501	1	94.20	31.53		1		31.53				
37		PL 640x12	711	1	94.20	31.36		1		31.36				
38		PL 632x12	641	1	94.20	29.02		1		29.02				
39		PL 632x12	638	1	94.20	28.83		1		28.83				
40		PL 300x16	817	8	125.60	246.28		8		246.28				
41		PL 668x12	817	4	94.20	205.64		4		205.64				
44		PL 304x12	432	1	94.20	10.43		1		10.43				
45		PL 309x12	470	1	94.20	11.60		1		11.60				
						3143.77	1			3143.77				
TOTAL WEIGHT 23018.95 KG. = 23.019 T.														

BILL OF MATERIALS PART-II												
ERECTION MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS
Y/C-404	1	PL 332x16	9618	2	125.60	802.13		2		802.13		
	2	PL 300x16	9618	2	125.60	724.81		2		724.81		
	3	PL 700x40	700	1	314.00	153.86		1		153.86		
	4	PL 100x16	100	8	125.60	10.05		8		10.05		
	5	PL 184x12	350	4	94.20	24.27		4		24.27		
	6	PL 300x32	400	1	251.20	30.14		1		30.14		
	7	PL 200x12	350	4	94.20	26.38		4		26.38		
	8	PL 184x32	300	2	251.20	27.73		2		27.73		
	9	PL 184x12	350	1	94.20	6.07		1		6.07		
	10	PL 605x12	643	1	94.20	27.37		1		27.37		
	35	PL 491x12	496	1	94.20	17.70		1		17.70		
	36	PL 495x12	495	1	94.20	17.69		1		17.69		
	13	PL 320x10	352	1	78.50	8.84		1		8.84		
	14	ISMB 600	801	2	123.00	197.05		2		197.05		
	15	PL 234x25	580	2	196.25	53.27		2		53.27		
	16	PL 234x8	580	2	62.80	17.05		2		17.05		
	20	PL 420x25	680	3	196.25	168.15		3		168.15		
	21	PL 420x8	680	3	62.80	53.81		3		53.81		
	22	PL 200x12	350	2	94.20	13.19		2		13.19		
	27	ISMB 200	814	1	24.20	19.70		1		19.70		
	28	ISMB 600	584	1	123.00	71.83		1		71.83		
	29	L100x100x10	430	2	14.90	12.81		2		12.81		
30	L100x100x10	130	2	14.90	3.87		2		3.87			
33	PL 300x16	501	2	125.60	37.76		2		37.76			
34	PL 668x12	501	1	94.20	31.53		1		31.53			
						2783.00	1			2783.00		
Y/C-402	1	PL 332x16	9618	2	125.60	802.13		2		802.13		
	2	PL 300x16	9618	2	125.60	724.81		2		724.81		
	3	PL 700x40	700	1	314.00	153.86		1		153.86		
	4	PL 100x16	100	8	125.60	10.05		8		10.05		
	5	PL 184x12	350	4	94.20	24.27		4		24.27		
	6	PL 300x32	400	1	251.20	30.14		1		30.14		
	7	PL 200x12	350	4	94.20	26.38		4		26.38		
	8	PL 184x32	3									





SECTION G-G (AS DRN.)
SECTION GX-GX (OPP. HAND)
1 NO. COLUMN REQD. AS DRN. MKD. Y/C-406
1 NO. COLUMN REQD. OPP. HAND MKD. Y/C-407

SECTION H-H

SECTION J-J
1 NO. COLUMN REQD. AS DRN. MKD. X/C-408

SECTION K-K

SECTION J-J
1 NO. COLUMN REQD. AS DRN. MKD. Y/C-408

SECTION K-K

NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

CUSTOMER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		CUSTOMER/PROJECT: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH	
DEPT. OR CODE 4430		WEIGHT (KG) REF. TO ASSY DRG.	
TITLE FLY ASH PIPE RACK-VU ROW DETAIL OF COLUMN		DRAWING NO. 0-96132-1-0024 REV. 00	
REV. DATE DRN. CHD. APPD.		SHEET NO. 02 NO. OF SHEETS 03	

A

B

C

D

E

F

G

H

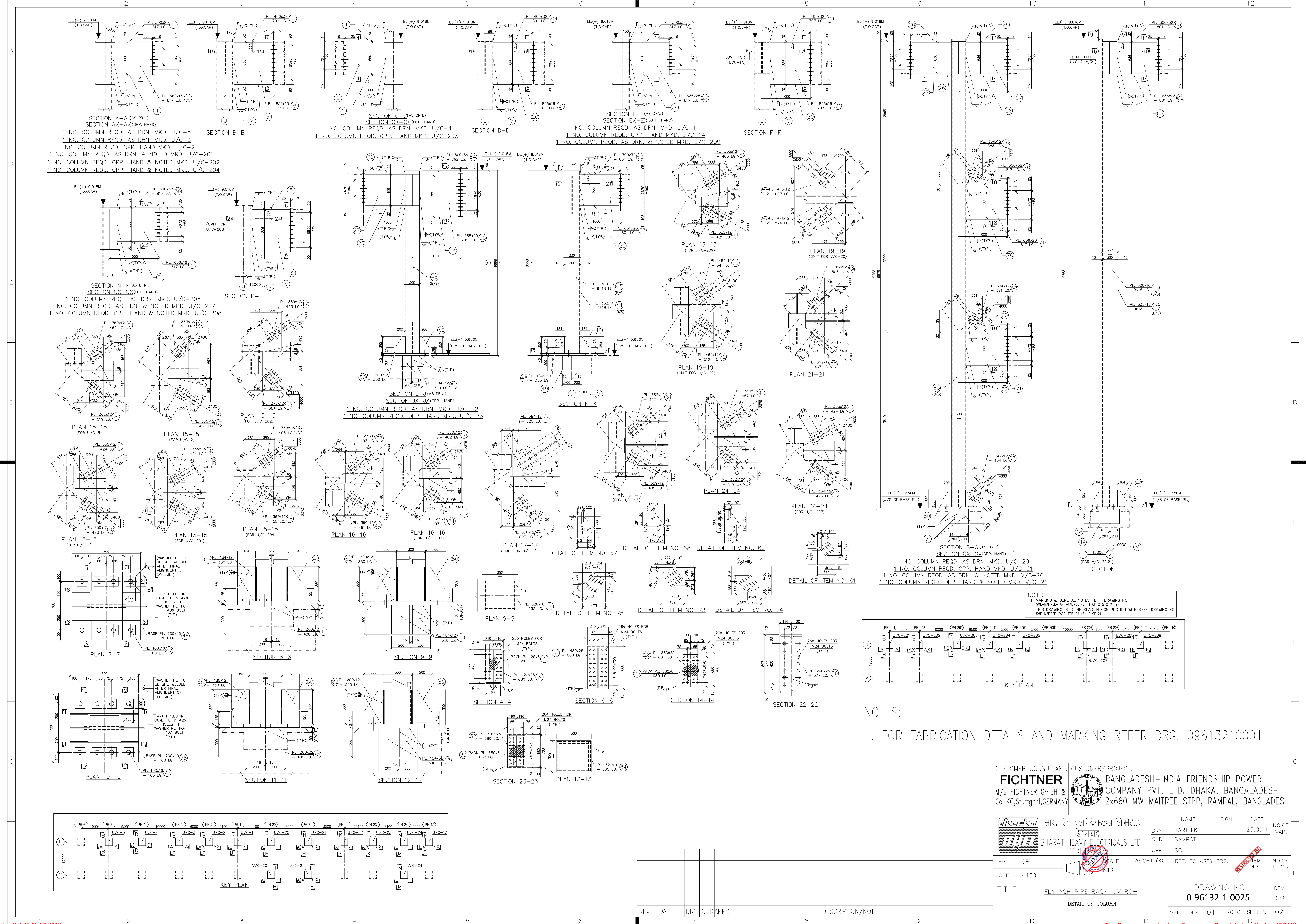
BILL OF MATERIALS PART-III												
ERECTION MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS
XIC-408	1	PL 332x16	9618	2	125.60	802.13		2		802.13		
	2	PL 300x16	9618	2	125.60	724.81		2		724.81		
	3	PL 700x40	700	1	314.00	153.86		1		153.86		
	4	PL 100x16	100	8	125.60	10.05		8		10.05		
	5	PL 184x12	350	4	94.20	24.27		4		24.27		
	6	PL 300x32	400	1	251.20	30.14		1		30.14		
	7	PL 200x12	350	4	94.20	26.38		4		26.38		
	8	PL 184x32	300	2	251.20	27.73		2		27.73		
	9	PL 184x12	350	1	94.20	6.07		1		6.07		
	10	PL 605x12	643	1	94.20	27.37		1	290592	27.37		
	11	PL 491x12	496	1	94.20	17.70		1	187913	17.70		
	12	PL 495x12	495	1	94.20	17.69		1	187750	17.69		
	13	PL 320x10	352	1	78.50	8.84		1		8.84		
	14	ISMB 600	801	2	123.00	197.05		2		197.05		
	15	PL 234x25	580	2	196.25	53.27		2		53.27		
	16	PL 234x8	580	2	62.80	17.05		2		17.05		
	17	PL 300x16	801	2	125.60	60.36		2		60.36		
	18	PL 668x12	801	1	94.20	50.40		1		50.40		
	19	PL 420x25	680	3	196.25	168.15		3		168.15		
	20	PL 420x8	680	3	62.80	53.81		3		53.81		
	21	PL 200x12	350	2	94.20	13.19		2		13.19		
	22	PL 655x12	678	1	94.20	32.48		1	344841	32.48		
	23	PL 628x12	728	1	94.20	34.99		1	371495	34.99		
	24	PL 630x12	733	1	94.20	35.35		1	375260	35.35		
	25	PL 300x16	817	8	125.60	246.28		8		246.28		
	26	PL 668x12	817	4	94.20	205.64		4		205.64		
	43	PL 310x12	490	2	94.20	24.37		2	129376	24.37		
	44	PL 593x12	607	1	94.20	25.79		1	273746	25.79		
						3095.21		1		3095.21	3095.21	
YIC-408	1	PL 332x16	9618	2	125.60	802.13		2		802.13		
	2	PL 300x16	9618	2	125.60	724.81		2		724.81		
	3	PL 700x40	700	1	314.00	153.86		1		153.86		
	4	PL 100x16	100	8	125.60	10.05		8		10.05		
	5	PL 184x12	350	4	94.20	24.27		4		24.27		
	6	PL 300x32	400	1	251.20	30.14		1		30.14		
	7	PL 200x12	350	4	94.20	26.38		4		26.38		
	8	PL 184x32	300	2	251.20	27.73		2		27.73		
	9	PL 184x12	350	1	94.20	6.07		1		6.07		
	10	PL 605x12	643	1	94.20	27.37		1	290592	27.37		
	11	PL 491x12	496	1	94.20	17.70		1	187913	17.70		
	12	PL 495x12	495	1	94.20	17.69		1	187750	17.69		
	13	PL 320x10	352	1	78.50	8.84		1		8.84		
	14	ISMB 600	801	2	123.00	197.05		2		197.05		
	15	PL 234x25	580	2	196.25	53.27		2		53.27		
	16	PL 234x8	580	2	62.80	17.05		2		17.05		
	29	PL 300x16	501	2	125.60	37.76		2		37.76		
	30	PL 668x12	501	1	94.20	31.53		1		31.53		
	19	PL 420x25	680	3	196.25	168.15		3		168.15		
	20	PL 420x8	680	3	62.80	53.81		3		53.81		
	21	PL 200x12	350	2	94.20	13.19		2		13.19		
	22	PL 655x12	678	1	94.20	32.48		1	344841	32.48		
	23	PL 628x12	728	1	94.20	34.99		1	371495	34.99		
	24	PL 630x12	733	1	94.20	35.35		1	375260	35.35		
	25	PL 300x16	817	8	125.60	246.28		8		246.28		
	26	PL 668x12	817	4	94.20	205.64		4		205.64		
	35A	PL 304x12	432	1	94.20	10.43		1	110717	10.43		
	36A	PL 309x12	470	1	94.20	11.60		1	123126	11.60		
	31	ISMB 200	814	1	24.20	19.70		1		19.70		
	32	ISMB 600	584	1	123.00	71.83		1		71.83		
	33	L100x100x10	430	1	14.90	6.41		1		6.41		
	33A	L100x100x10	120	1	14.90	1.79		1		1.79		
	34	L100x100x10	130	2	14.90	3.87		2		3.87		
	44	PL 593x12	607	1	94.20	25.79		1	273746	25.79		
	45	PL 309x12	470	2	94.20	23.20		2	123126	23.20		
						3178.18		1		3178.18	3178.18	
TOTAL WEIGHT: 26076.77 KG. = 26.077 T.												

ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCL
1	ISMB 600	1963.70	EA-350-SA/IS: 2062-2006 GRA
2	ISMB 200	78.80	EA-350-SA/IS: 2062-2006 GRA
3	L130x130x12	0.00	EA-350-SA/IS: 2062-2006 GRA
4	L100x100x10	42.91	EA-350-SA/IS: 2062-2006 GRA
5	PL 32 THK	1607.99	EA-350-SA/IS: 2062-2006 GRA
6	PL 40 THK	1230.88	EA-350-SA/IS: 2062-2006 GRA
7	PL 32 THK	463.01	EA-350-SA/IS: 2062-2006 GRA
8	PL 25 THK	1547.14	EA-350-SA/IS: 2062-2006 GRA
9	PL 16 THK	14412.30	EA-350-SA/IS: 2062-2006 GRA
10	PL 12 THK	4166.10	EA-350-SA/IS: 2062-2006 GRA
11	PL 10 THK	70.74	EA-350-SA/IS: 2062-2006 GRA
12	PL 8 THK	593.20	EA-350-SA/IS: 2062-2006 GRA
TOTAL WEIGHT =		26076.77	

NOTES:

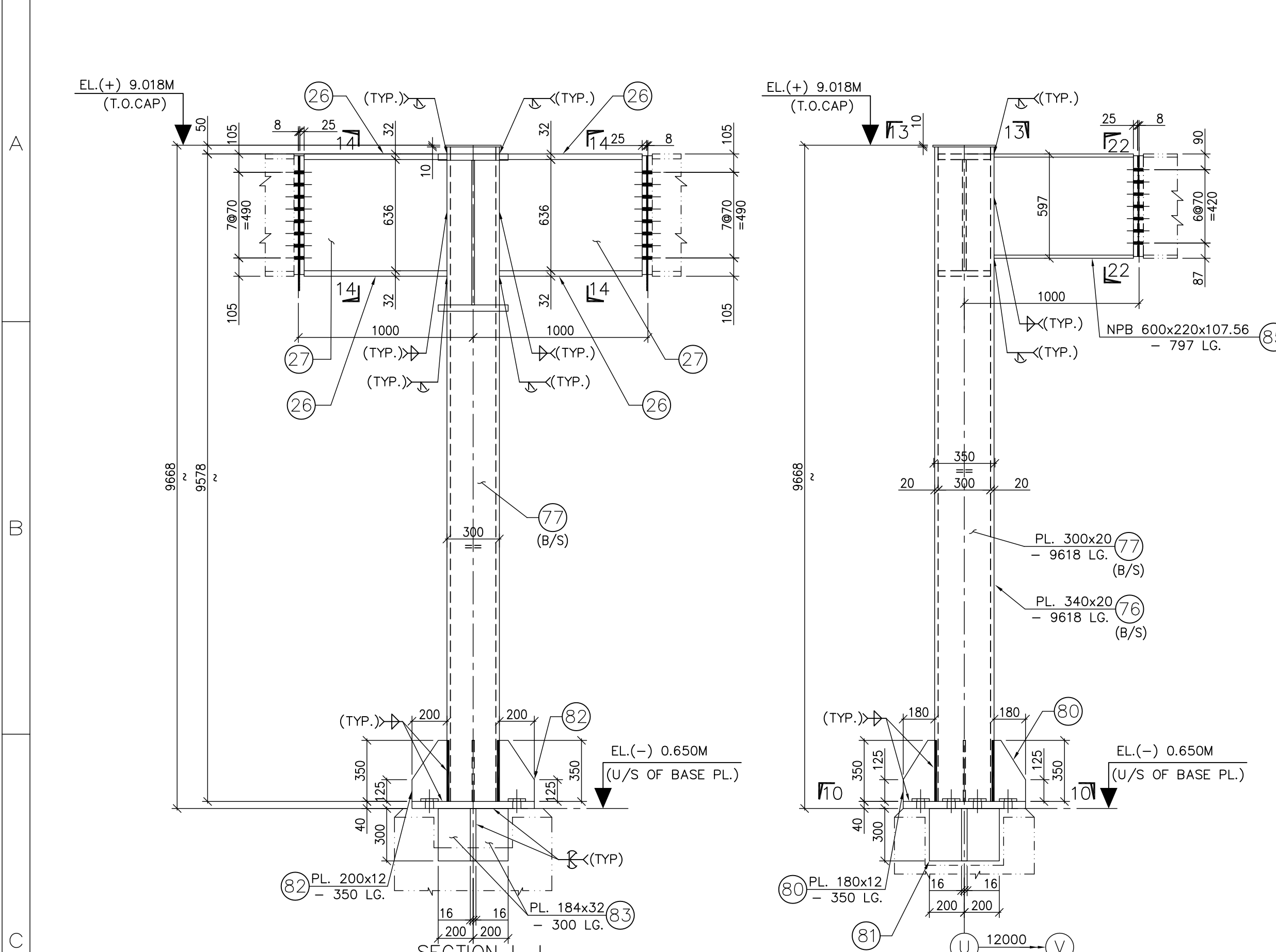
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

BILL OF MATERIALS PART-II													
ERECTION MKD.	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS	
X/C-407	1	PL 332x16	9618	2	125.60	802.13		2		802.13			
	2	PL 300x16	9618	2	125.60	724.81		2		724.81			
	3	PL 700x40	700	1	314.00	153.86		1		153.86			
	4	PL 100x16	100	8	125.60	10.05		8		10.05			
	5	PL 184x12	350	4	94.20	24.27		4		24.27			
	6	PL 300x32	400	1	251.20	30.14		1		30.14			
	7	PL 200x12	350	4	94.20	26.38		4		26.38			
	8	PL 184x32	300	2	251.20	27.73		2		27.73			
	9	PL 184x12	350	1	94.20	6.07		1		6.07			
	10	PL 905x12	643	1	94.20	27.37		1		290592	27.37		
	11	PL 491x12	496	1	94.20	17.70		1		187913	17.70		
	12	PL 495x12	495	1	94.20	17.69		1		187750	17.69		
	13	PL 320x10	352	1	78.50	8.84		1			8.84		
	14	ISMB 600	801	2	123.00	197.05		2			197.05		
	15	PL 234x25	580	2	196.25	53.27		2			53.27		
	16	PL 234x8	580	2	62.80	17.05		2			17.05		
	17	PL 300x16	801	2	125.60	60.36		2			60.36		
	18	PL 668x12	801	1	94.20	50.40		1			50.40		
	19	PL 420x25	680	2	196.25	112.10		2			112.10		
	20	PL 420x8	680	2	62.80	35.87		2			35.87		
	21	PL 200x12	350	2	94.20	13.19		2			13.19		
	22	PL 655x12	678	1	94.20	32.48		1		344841	32.48		
	23	PL 628x12	728	1	94.20	34.99		1		371495	34.99		
	24	PL 630x12	733	1	94.20	35.35		1		375260	35.35		
	25	PL 300x16	817	6	125.60	184.71		6			184.71		
	26	PL 668x12	817	3	94.20	154.23		3			154.23		
	35	PL 400x50	792	2	392.50	248.69		2			248.69		
	36	PL 850x12	792	1	94.20	63.42		1			63.42		
	37	PL 420x50	930	1	392.50	153.31		1			153.31		
	38	PL 420x8	930	1	62.80	24.53		1			24.53		
						3372.35		1			3372.35	3372.35	
Y/C-406	1	PL 332x16	9618	2	125.60	802.13		2		802.13			
	2	PL 300x16	9618	2	125.60	724.81		2		724.81			
	3	PL 700x40	700	1	314.00	153.86		1		153.86			
	4	PL 100x16	100	8	125.60	10.05		8		10.05			
	5	PL 184x12	350	4	94.20	24.27		4		24.27			
	6	PL 300x32	400	1	251.20	30.14		1		30.14			
	7	PL 200x12	350	4	94.20	26.38		4		26.38			
	8	PL 184x32	300	2	251.20	27.73		2		27.73			
	9	PL 184x12	350	1	94.20	6.07		1		6.07			
	10	PL 905x12	643	1	94.20	27.37		1		290592	27.37		
	11	PL 491x12	496	1	94.20	17.70		1		187913	17.70		
	12	PL 495x12	495	1	94.20	17.69		1		187750	17.69		
	13	PL 320x10	352	1	78.50	8.84		1			8.84		
	14	ISMB 600	801	2	123.00	197.05		2			197.05		
	15	PL 234x25	580	2	196.25	53.27		2			53.27		
	16	PL 234x8	580	2	62.80	17.05		2			17.05		
	29	PL 300x16	501	2	125.60	37.76		2			37.76		
	30	PL 668x12	501	1	94.20	31.53		1			31.53		
	19	PL 420x25	680	2	196.25	112.10		2			112.10		
	20	PL 420x8	680	2	62.80	35.87		2			35.87		
	21	PL 200x12	350	2	94.20	13.19		2			13.19		
	22	PL 655x12	678	1	94.20	32.48		1		344841	32.48		
	23	PL 628x12	728	1	94.20	34.99		1		371495	34.99		
	24	PL 630x12	733	1	94.20	35.35		1		375260	35.35		
	25	PL 300x16	817	6	125.60	184.71		6			184.71		
	26	PL 668x12	817	3	94.20	154.23		3			154.23		
	41	PL 309x12	470	1	94.20	11.60		1		123126	11.60		
	42	PL 309x12	468	1	94.20	11.54		1		122509	11.54		
	31	ISMB 200	814	1	24.20	19.70		1			19.70		
	32	ISMB 600	584	1	123.00	71.83		1			71.83		
	33	L100x100x10	430	1	14.90	3.87		1			3.87		
	34	L100x100x10	130	2	14.90	6.41		2			6.41		
	35	PL 400x50	792	2	392.50	248.69		2			248.69		
	36	PL 850x12	792	1	94.20	63.42		1			63.42		
	37	PL 420x50	930	1	392.50	153.31		1			153.31		
	38	PL 420x8	930	1	62.80	24.53		1			24.53		
						3431.50		1			3431.50	3431.50	
	Y/C-407	1	PL 332x16	9618	2	125.60	802.13		2		802.13		
2		PL 300x16	9618	2	125.60	724.81		2		724.81			
3		PL 700x40	700	1	314.00	153.86		1		153.86			
4		PL 100x16	100	8	125.60	10.05		8		10.05			
5		PL 184x12	350	4	94.20	24.27		4		24.27			
6		PL 300x32	400	1	251.20	30.14		1		30.14			
7		PL 200x12	350	4	94.20	26.38		4		26.38			
8		PL 184x32	300	2	251.20	27.73		2		27.73			
9		PL 184x12	350	1	94.20	6.07		1		290592	6.07		
10		PL 905x12	643	1	94.20	27.37		1		187913	27.37		
11		PL 491x12	496	1	94.20	17.70		1		187913	17.70		
12		PL 495x12	495	1	94.20	17.69		1		187750	17.69		
13		PL 320x10	352	1	78.50	8.84		1			8.84		
14		ISMB 600	801	2	123.00	197.05		2			197.05		
15		PL 234x25	580	2	196.25	53.27		2			53.27		
16		PL 234x8	580	2	62.80	17.05		2			17.05		
29		PL 300x16	501	2	125.60	37.76		2			37.76		
30		PL 668x12	501	1	94.20	31.53		1			31.53		
19		PL 420x25	680	2	196.25	112.10		2			112.10		
20		PL 420x8	680	2	62.80	35.87		2			35.87		
21		PL 200x12	350	2	94.20	13.19		2			13.19		
22		PL 655x12	678	1	94.20	32.48		1		344841	32.48		
23		PL 628x12	728	1	94.20	34.99		1		371495	34.99		
24		PL 630x12	733	1	94.20	35.35		1		375260	35.35		
25		PL 300x16	817	6	125.60	184.71		6			184.71		
26		PL 668x12	817	3	94.20	154.23		3			154.23		
41		PL 309x12	470	1	94.20	11.60		1		123126	11.60		
42		PL 309x12	468	1	94.20	11.54		1		122509	11.54		
31		ISMB 200	814	1	24.20	19.70		1			19.70		
32		ISMB 600	584	1	123.00	71.83		1			71.83		
33		L100x100x10	430	1	14.90	6.41		1			6.41		
34		L100x100x10	130	2	14.90	3.87		2			3.87		
35		PL 400x50	792	2	392.50	248.69		2			248.69		
36		PL 850x12	792	1	94.20	63.42		1			63.42		
37		PL 420x50	930	1	392.50	153.31		1			153.31		
38		PL 420x8	930	1	62.80	24.53		1			24.53		
						3431.50		1			3431.50	3431.50	



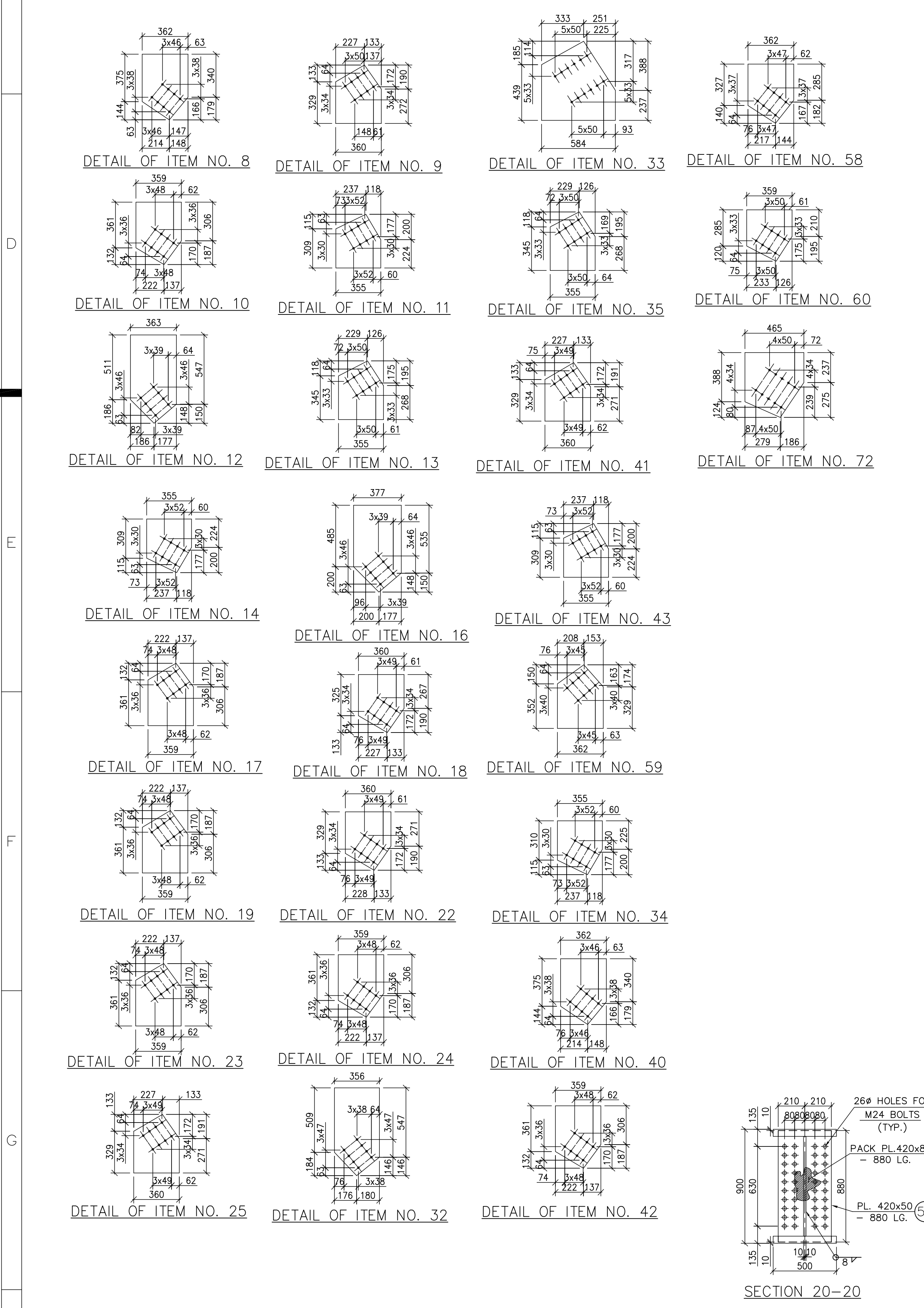
NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

CUSTOMER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		CUSTOMER/PROJECT: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH	
DEPT. OR CODE 4430		NAME SIGN. DATE NO. OF VAR.	
TITLE FLY ASH PIPE RACK-UV ROW DETAIL OF COLUMN		DRAWING NO. 0-96132-1-0025 REV. 00	
REV DATE CHD APPD		SHEET NO. 01 NO OF SHEETS 02	



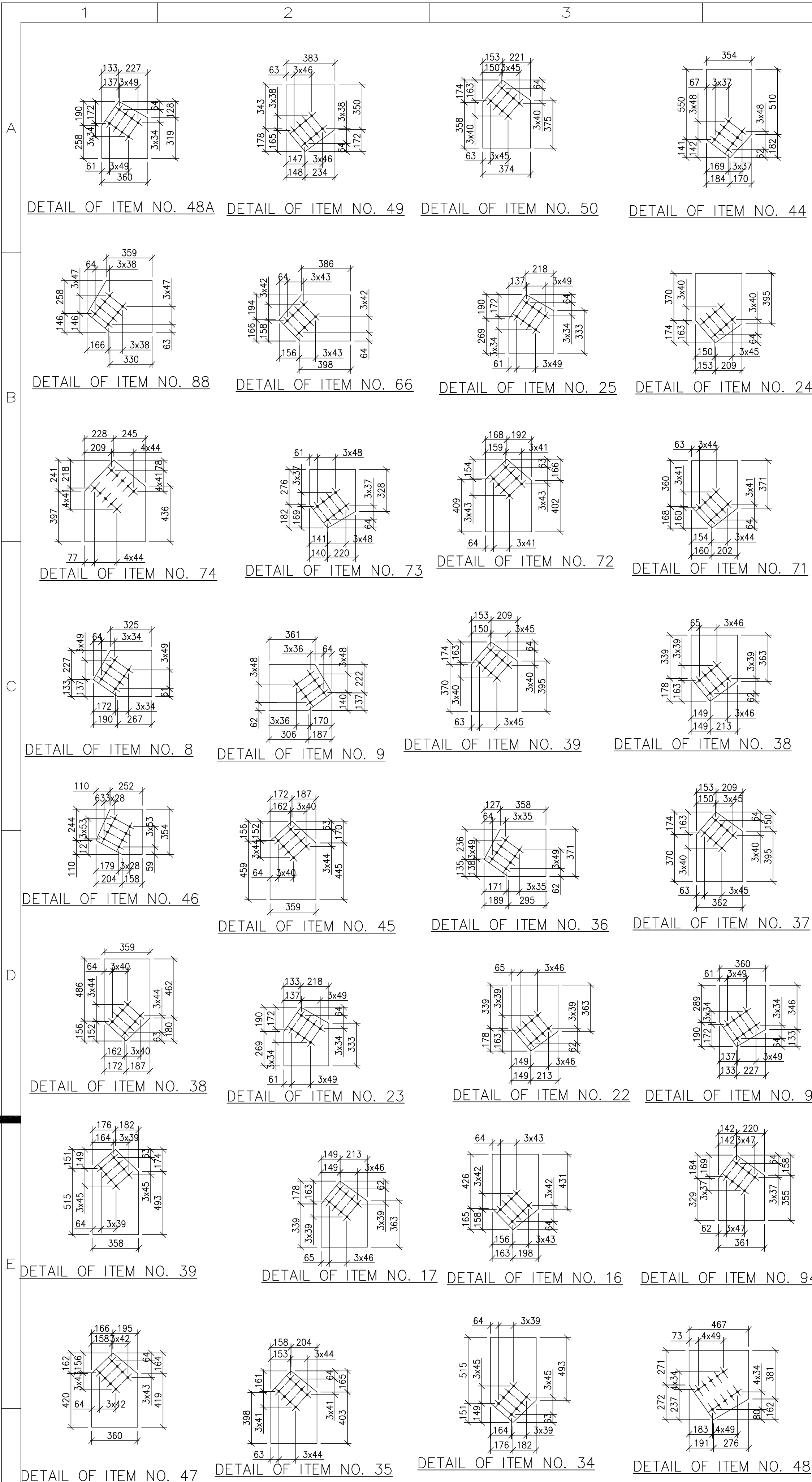
SECTION L-L
1 NO. COLUMN REQD. AS DRN. MKD. U/C-24
1 NO. COLUMN REQD. OPP. HAND TO U/C-24 MKD. V/C-24

SECTION M-M



NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

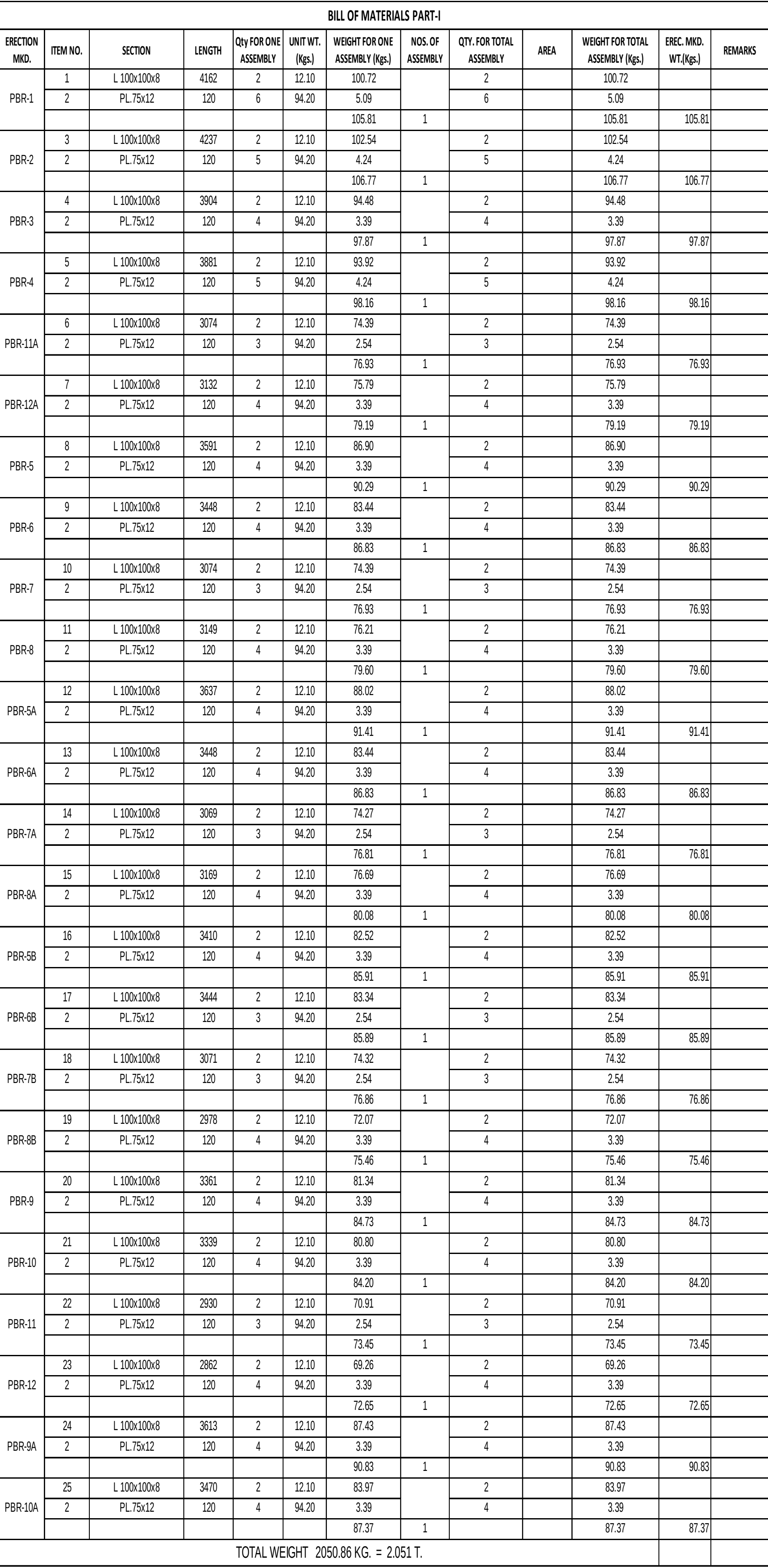
BILL OF MATERIALS PART-III														
SECTION	ITEM NO.	WIDTH	THICK.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EXC. MTD. WT.(Kgs.)	REMARKS	
UC-21	62	332	16	PL 332x16	9618	2	125.60	802.13		2	802.13			
	63	300	16	PL 300x16	9618	2	125.60	724.81		2	724.81			
	46	700	40	PL 700x40	700	1	314.00	153.86		1	153.86			
	47	100	16	PL 100x16	100	8	125.60	10.05		8	10.05			
	48	184	12	PL 184x12	350	6	94.20	36.40		6	36.40			
	49	300	32	PL 300x32	400	1	251.20	30.14		1	30.14			
	50	200	12	PL 200x12	350	6	94.20	39.56		6	39.56			
	51	184	32	PL 184x32	300	2	251.20	27.73		2	27.73			
	65	300	32	PL 300x32	801	2	251.20	120.73		2	120.73			
	66	636	25	PL 636x25	801	1	196.25	99.98		1	99.98			
	64	320	12	PL 320x12	352	1	94.20	10.61		1	10.61			
	26	300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
	27	636	25	PL 636x25	817	2	196.25	203.95		2	203.95			
	28	380	25	PL 380x25	680	6	196.25	304.27		6	304.27			
	29	380	8	PL 380x8	680	6	62.80	97.37		6	97.37			
UC-20	67	347	12	PL 347x12	434	1	94.20	10.30		1	109371	10.30		
	68	334	12	PL 334x12	391	1	94.20	8.91		1	94611	8.91		
	69	334	12	PL 334x12	388	1	94.20	8.81		1	93528	8.81		
	70	300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
	71	636	20	PL 636x20	817	2	157.00	163.16		2	163.16			
	15	380	25	PL 380x25	680	2	196.25	101.42		2	101.42			
	15A	380	8	PL 380x8	680	2	62.80	32.46		2	101.42			
	74	471	12	PL 471x12	574	1	94.20	20.88		1	221683	20.88		
	75	473	12	PL 473x12	607	1	94.20	22.39		1	227637	22.39		
								3522.46		1		3522.46	3522.46	
	UC-21	62	332	16	PL 332x16	9618	2	125.60	802.13		2	802.13		
		63	300	16	PL 300x16	9618	2	125.60	724.81		2	724.81		
		46	700	40	PL 700x40	700	1	314.00	153.86		1	153.86		
		47	100	16	PL 100x16	100	8	125.60	10.05		8	10.05		
		48	184	12	PL 184x12	350	6	94.20	36.40		6	36.40		
49		300	32	PL 300x32	400	1	251.20	30.14		1	30.14			
50		200	12	PL 200x12	350	6	94.20	39.56		6	39.56			
51		184	32	PL 184x32	300	2	251.20	27.73		2	27.73			
65		300	32	PL 300x32	801	2	251.20	120.73		2	120.73			
66		636	25	PL 636x25	801	1	196.25	99.98		1	99.98			
64		320	12	PL 320x12	352	1	94.20	10.61		1	10.61			
26		300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
27		636	25	PL 636x25	817	2	196.25	203.95		2	203.95			
28		380	25	PL 380x25	680	6	196.25	304.27		6	304.27			
29		380	8	PL 380x8	680	6	62.80	97.37		6	97.37			
UC-24	67	347	12	PL 347x12	434	1	94.20	10.30		1	109371	10.30		
	68	334	12	PL 334x12	391	1	94.20	8.91		1	94611	8.91		
	69	334	12	PL 334x12	388	1	94.20	8.81		1	93528	8.81		
	70	300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
	71	636	20	PL 636x20	817	2	157.00	163.16		2	163.16			
	15	380	25	PL 380x25	680	2	196.25	101.42		2	101.42			
	15A	380	8	PL 380x8	680	2	62.80	32.46		2	101.42			
								3479.19		1		3479.19	3479.19	
	76	340	20	PL 340x20	9618	2	157.00	1026.82		2	1026.82			
	77	300	20	PL 300x20	9618	2	157.00	906.02		2	906.02			
	78	700	40	PL 700x40	700	1	314.00	153.86		1	153.86			
	79	100	16	PL 100x16	100	8	125.60	10.05		8	10.05			
	80	184	12	PL 184x12	350	6	94.20	36.40		6	36.40			
	81	300	32	PL 300x32	400	1	251.20	30.14		1	30.14			
	UC-24	82	200	12	PL 200x12	350	6	94.20	39.56		6	39.56		
83		184	32	PL 184x32	300	2	251.20	27.73		2	27.73			
84		320	12	PL 320x12	360	1	94.20	10.85		1	10.85			
85				NPB 600x220x107.56	797	1	107.56	85.73		1	85.73			
86		240	25	PL 240x25	577	1	196.25	27.18		1	27.18			
26		300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
27		636	25	PL 636x25	817	2	196.25	203.95		2	203.95			
28		380	25	PL 380x25	680	2	196.25	101.42		2	101.42			
29		380	8	PL 380x8	680	2	62.80	32.46		2	32.46			
								2938.44		1		2938.44	2938.44	
UC-24		76	340	20	PL 340x20	9618	2	157.00	1026.82		2	1026.82		
		77	300	20	PL 300x20	9618	2	157.00	906.02		2	906.02		
		78	700	40	PL 700x40	700	1	314.00	153.86		1	153.86		
		79	100	16	PL 100x16	100	8	125.60	10.05		8	10.05		
		80	184	12	PL 184x12	350	6	94.20	36.40		6	36.40		
	81	300	32	PL 300x32	400	1	251.20	30.14		1	30.14			
	82	200	12	PL 200x12	350	6	94.20	39.56		6	39.56			
	83	184	32	PL 184x32	300	2	251.20	27.73		2	27.73			
	84	320	12	PL 320x12	360	1	94.20	10.85		1	10.85			
	85			NPB 600x220x107.56	797	1	107.56	85.73		1	85.73			
	86	240	25	PL 240x25	577	1	196.25	27.18		1	27.18			
	26	300	32	PL 300x32	817	4	251.20	246.28		4	246.28			
	27	636	25	PL 636x25	817	2	196.25	203.95		2	203.95			
	28	380	25	PL 380x25	680	2	196.25	101.42		2	101.42			
	29	380	8	PL 380x8	680	2	62.80	32.46		2	32.46			
TOTAL WEIGHT 34057.04 KG. = 34,057 T.														



BILL OF MATERIALS PART-III													
ERECTOR MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS	
VIC-22	51	PL 332x16	9618	2	125.60	802.13		2		802.13			
	52	PL 300x16	9618	2	125.60	724.81		2		724.81			
	53	PL 700x40	700	1	314.00	153.86		1		153.86			
	54	PL 100x16	100	8	12.50	10.05		8		10.05			
	55	PL 184x12	350	6	94.20	36.40		6		36.40			
	56	PL 300x12	400	1	94.20	11.30		1		11.30			
	57	PL 200x12	350	6	94.20	39.56		6		39.56			
	58	PL 184x12	300	2	94.20	10.40		2		10.40			
	59	PL 300x10	352	1	78.50	8.29		1		8.29			
	60	PL 300x32	801	2	251.20	120.73		2		120.73			
	61	PL 636x25	801	1	196.25	99.98		1		99.98			
	62	PL 380x25	680	2	196.25	101.42		2		101.42			
	63	PL 380x8	680	2	62.80	32.46		2		32.46			
	64	PL 300x32	817	2	251.20	123.14		2		123.14			
	65	PL 636x16	817	1	125.60	65.26		1		65.26			
	67	PL 500x56	792	2	439.60	348.16		2		348.16			
VIC-23	68	PL 788x20	792	1	157.00	97.98		1		97.98			
	69	PL 420x50	880	1	392.50	145.07		1		145.07			
	70	PL 420x8	880	1	62.80	23.21		1		23.21			
	71	PL 334x12	528	1	94.20	15.22		1	161573	15.22			
	72	PL 330x12	568	1	94.20	16.51		1	175275	16.51			
						2985.94				2985.94	2985.94		
	75	PL 332x16	9618	2	125.60	802.13	1	2		802.13			
	52	PL 300x16	9618	2	125.60	724.81		2		724.81			
	53	PL 700x40	700	1	314.00	153.86		1		153.86			
	54	PL 100x16	100	8	12.50	10.05		8		10.05			
	55	PL 184x12	350	6	94.20	36.40		6		36.40			
	56	PL 300x12	400	1	94.20	11.30		1		11.30			
	57	PL 200x12	350	6	94.20	39.56		6		39.56			
	58	PL 184x12	300	2	94.20	10.40		2		10.40			
	59	PL 300x10	352	1	78.50	8.29		1		8.29			
	VIC-210	60	PL 300x32	801	2	251.20	120.73		2		120.73		
61		PL 636x25	801	1	196.25	99.98		1		99.98			
62		PL 380x25	680	2	196.25	101.42		2		101.42			
63		PL 380x8	680	2	62.80	32.46		2		32.46			
64		PL 300x32	817	2	251.20	123.14		2		123.14			
65		PL 636x16	817	1	125.60	65.26		1		65.26			
67		PL 500x56	792	2	439.60	348.16		2		348.16			
68		PL 788x20	792	1	157.00	97.98		1		97.98			
69		PL 420x50	880	1	392.50	145.07		1		145.07			
70		PL 420x8	880	1	62.80	23.21		1		23.21			
73		PL 360x12	457	1	94.20	12.98		1	137746	12.98			
74		PL 446x12	638	1	94.20	23.55		1	249987	23.55			
						2990.73	1			2990.73	2990.73		
VIC-209		75	PL 372x36	9618	2	282.00	2022.23		2		2022.23		
		76	PL 300x36	9618	2	282.00	1630.83		2		1630.83		
		77	PL 700x40	700	1	314.00	153.86		1		153.86		
	78	PL 100x16	100	8	12.50	10.05		8		10.05			
	79	PL 184x12	350	6	94.20	32.44		6		32.44			
	80	PL 300x32	400	1	251.20	30.14		1		30.14			
	81	PL 200x12	350	6	94.20	39.56		6		39.56			
	82	PL 184x32	300	2	251.20	27.73		2		27.73			
	83	PL 320x10	392	1	78.50	9.85		1		9.85			
	84	PL 300x32	781	2	251.20	117.71		2		117.71			
	85	PL 636x25	781	1	196.25	97.48		1		97.48			
	62	PL 380x25	680	2	196.25	101.42		2		101.42			
	63	PL 380x8	680	2	62.80	32.46		2		32.46			
	86	PL 300x32	817	2	251.20	123.14		2		123.14			
	87	PL 636x25	817	1	196.25	101.97		1		101.97			
	88	PL 404x12	510	1	94.20	16.35		1	173562	16.35			
VIC-208						4547.22	1			4547.22	4547.22		
	89	PL 300x32	767	2	251.20	115.60		2		115.60			
	90	PL 636x25	767	1	196.25	95.73		1		95.73			
	62	PL 380x25	680	2	196.25	101.42		2		101.42			
	63	PL 380x8	680	2	62.80	32.46		2		32.46			
	91	PL 300x32	727	2	251.20	109.57		2		109.57			
	92	PL 836x16	727	1	125.60	76.34		1		76.34			
	93	PL 430x25	880	1	196.25	74.26		1		74.26			
	94	PL 360x12	479	1	94.20	13.64		1	144823	13.64			
	93	PL 361x12	513	1	94.20	14.60		1	154951	14.60			
					633.62				633.62	633.62			
TOTAL WEIGHT 20216.39 KG. = 20.216 T.													

BILL OF MATERIALS PART-II												
ERECTOR MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS
VIC-203	26	PL 300x20	767	2	157.00	72.25	1	2		72.25		
	27	PL 660x16	767	1	125.60	63.58		1		63.58		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	30	PL 400x32	747	2	251.20	150.12		2		150.12		
	31	PL 836x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	38	PL 362x12	517	1	94.20	14.83		1	157424	14.83		
	39	PL 362x12	544	1	94.20	15.83		1	168020	15.83		
					543.29				543.29	543.29		
VIC-5	40	PL 300x20	792	2	157.00	74.61	1	2		74.61		
	41	PL 660x16	792	1	125.60	65.65		1		65.65		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	42	PL 400x32	772	2	251.20	155.14		2		155.14		
	43	PL 836x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	44	PL 354x12	692	1	94.20	20.40		1	216605	20.40		
	45	PL 359x12	615	1	94.20	18.03		1	191381	18.03		
					563.14				563.14	563.14		
VIC-2	40	PL 300x20	792	2	157.00	74.61	1	2		74.61		
	41	PL 660x16	792	1	125.60	65.65		1		65.65		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	42	PL 400x32	772	2	251.20	155.14		2		155.14		
	43	PL 836x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	46	PL 354x12	362	1	94.20	9.77		1	103678	9.77		
	47	PL 359x12	615	1	94.20	18.03		1	191381	18.03		
					552.50				552.50	552.50		
VIC-201	40	PL 300x20	792	2	157.00	74.61	1	2		74.61		
	41	PL 660x16	792	1	125.60	65.65		1		65.65		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	42	PL 400x32	772	2	251.20	155.14		2		155.14		
	43	PL 836x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	48	PL 360x12	447	2	94.20	25.25		2	134029	25.25		
						549.96					549.96	549.96
VIC-204	40	PL 300x20	792	2	157.00	74.61	1	2		74.61		
	41	PL 660x16	792	1	125.60	65.65		1		65.65		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	42	PL 400x32	772	2	251.20	155.14		2		155.14		
	43	PL 836x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	49	PL 383x12	521	1	94.20	14.38		1	152612	14.38		
	50	PL 374x12	533	1	94.20	17.06		1	181096	17.06		
						556.14					556.14	556.14
VIC-210	51	PL 332x16	9618	2	125.60	802.13	1	2		802.13		
	52	PL 300x16	9618	2	125.60	724.81		2		724.81		
	53	PL 700x40	700	1	314.00	153.86		1		153.86		
	54	PL 100x16	100	8	12.50	10.05		8		10.05		
	55	PL 184x12	350	6	94.20	36.40		6		36.40		
	56	PL 300x12	400	1	94.20	11.30		1		11.30		
	57	PL 200x12	350	6	94.20	39.56		6		39.56		
	58	PL 184x12	300	2	94.20	10.40		2		10.40		
	59	PL 300x10	352	1	78.50	8.29		1		8.29		
	60	PL 300x32	801	2	251.20	120.73		2		120.73		
	61	PL 636x25	801	1	196.25	99.98		1		99.98		
	62	PL 380x25	680	2	196.25	101.42		2		101.42		
	63	PL 380x8	680	2	62.80	32.46		2		32.46		
	64	PL 300x32	817	2	251.20	123.14		2		123.14		
65	PL 636x16	817	1	125.60	65.26	1		65.26				
66	PL 360x12	564	1	94.20	16.15	1	171410	16.15				
					2355.93	1			2355.93	2355.93		

BILL OF MATERIALS PART-I												
ERECTOR MKD.	ITEM NO.	SECTION	LENGTH	Qty FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD. WT.(Kgs.)	REMARKS
VIC-206	1	PL 300x32	817	2	251.20	123.14	1	2		123.14		
	2	PL 636x16	817	1	125.60	65.26		1		65.26		
	3	PL 380x25	680	1	196.25	50.71		1		50.71		
	4	PL 380x8	680	1	62.80	16.23		1		16.23		
	5	PL 400x32	792	2	251.20	159.16		2		159.16		
	6	PL 636x16	792	1	125.60	83.16		1		83.16		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	8	PL 360x12	458	1	94.20	12.92		1	137137	12.92		
	9	PL 359x12	493	1	94.20	14.09		1	149613	14.09		
VIC-205						598.93	1			598.93	598.93	
	10	PL 300x32	792	2	251.20	119.37		2		119.37		
	11	PL 636x16	792	1	125.60	63.27		1		63.27		
	12	PL 420x25	680	1	196.25	56.05		1		56.05		
	13	PL 420x8	680	1	62.80	17.94		1		17.94		
	14	PL 400x32	772	2	251.20	155.14		2		155.14		
	15	PL 636x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	16	PL 361x12	591	1	94.20	17.33		1	183999	17.33		
VIC-208	17	PL 362x12	517	1	94.20	14.83	1	157424	14.83			
						599.25	1			599.25	599.25	
	10	PL 300x32	792	2	251.20	119.37		2		119.37		
	11	PL 636x16	792	1	125.60	63.27		1		63.27		
	12	PL 420x25	680	1	196.25	56.05		1		56.05		
	13	PL 420x8	680	1	62.80	17.94		1		17.94		
	14	PL 400x32	772	2	251.20	155.14		2		155.14		
	15	PL 636x16	772	1	125.60	81.06		1		81.06		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
18	PL 352x12	459	1	94.20	12.72	1		135048	12.72			
VIC-206						567.08	1			567.08	567.08	
	18	PL 300x32	767	2	251.20	115.60		2		115.60		
	19	PL 636x16	767	1	125.60	61.27		1		61.27		
	12	PL 420x25	680	1	196.25	56.05		1		56.05		
	13	PL 420x8	680	1	62.80	17.94		1		17.94		
	20	PL 400x32	747	2	251.20	150.12		2		150.12		
	21	PL 636x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
	22	PL 362x12	517	1	94.20	14.83		1	157424	14.83		
VIC-207	23	PL 352x12	459	1	94.20	12.72	1	135048	12.72			
						581.22	1			581.22	581.22	
	18	PL 300x32	767	2	251.20	115.60		2		115.60		
	19	PL 636x16	767	1	125.60	61.27		1		61.27		
	12	PL 420x25	680	1	196.25	56.05		1		56.05		
	13	PL 420x8	680	1	62.80	17.94		1		17.94		
	20	PL 400x32	747	2	251.20	150.12		2		150.12		
	21	PL 636x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
24	PL 362x12	544	1	94.20	15.83	1		168020	15.83			
VIC-4	25	PL 352x12	459	1	94.20	12.72	1	135048	12.72			
						582.22	1			582.22	582.22	
	26	PL 300x20	767	2	157.00	72.25		2		72.25		
	27	PL 660x16	767	1	125.60	63.58		1		63.58		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	30	PL 400x32	747	2	251.20	150.12		2		150.12		
	31	PL 636x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
32	PL 359x12	642	1	94.20	18.87	1		200326	18.87			
VIC-3	33	PL 358x12	666	1	94.20	19.72	1	209335	19.72			
						551.22	1			551.22	551.22	
	26	PL 300x20	767	2	157.00	72.25		2		72.25		
	27	PL 660x16	767	1	125.60	63.58		1		63.58		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	30	PL 400x32	747	2	251.20	150.12		2		150.12		
	31	PL 636x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
34	PL 358x12	666	1	94.20	19.72	1		209335	19.72			
VIC-202	35	PL 352x12	568	1	94.20	16.49	1	175056	16.49			
						548.84	1			548.84	548.84	
	26	PL 300x20	767	2	157.00	72.25		2		72.25		
	27	PL 660x16	767	1	125.60	63.58		1		63.58		
	28	PL 420x25	680	1	196.25	56.05		1		56.05		
	29	PL 420x8	680	1	62.80	17.94		1		17.94		
	30	PL 400x32	747	2	251.20	150.12		2		150.12		
	31	PL 636x16	747	1	125.60	78.44		1		78.44		
	7	PL 430x25	880	1	196.25	74.26		1		74.26		
36	PL 371x12	484	1	94.20	14.30	1		151796	14.30			
VIC-202	37	PL 362x12	544	1	94.20	15.83	1	168020	15.83			
						542.76	1			542.76	542.76	



ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L 100x100x8	1971.16	E350-SA/IS: 2062-2006 GR-A
8	PL. 12 THK.	79.69	E350-SA/IS: 2062-2006 GR-A
TOTAL WEIGHT =		2050.86	

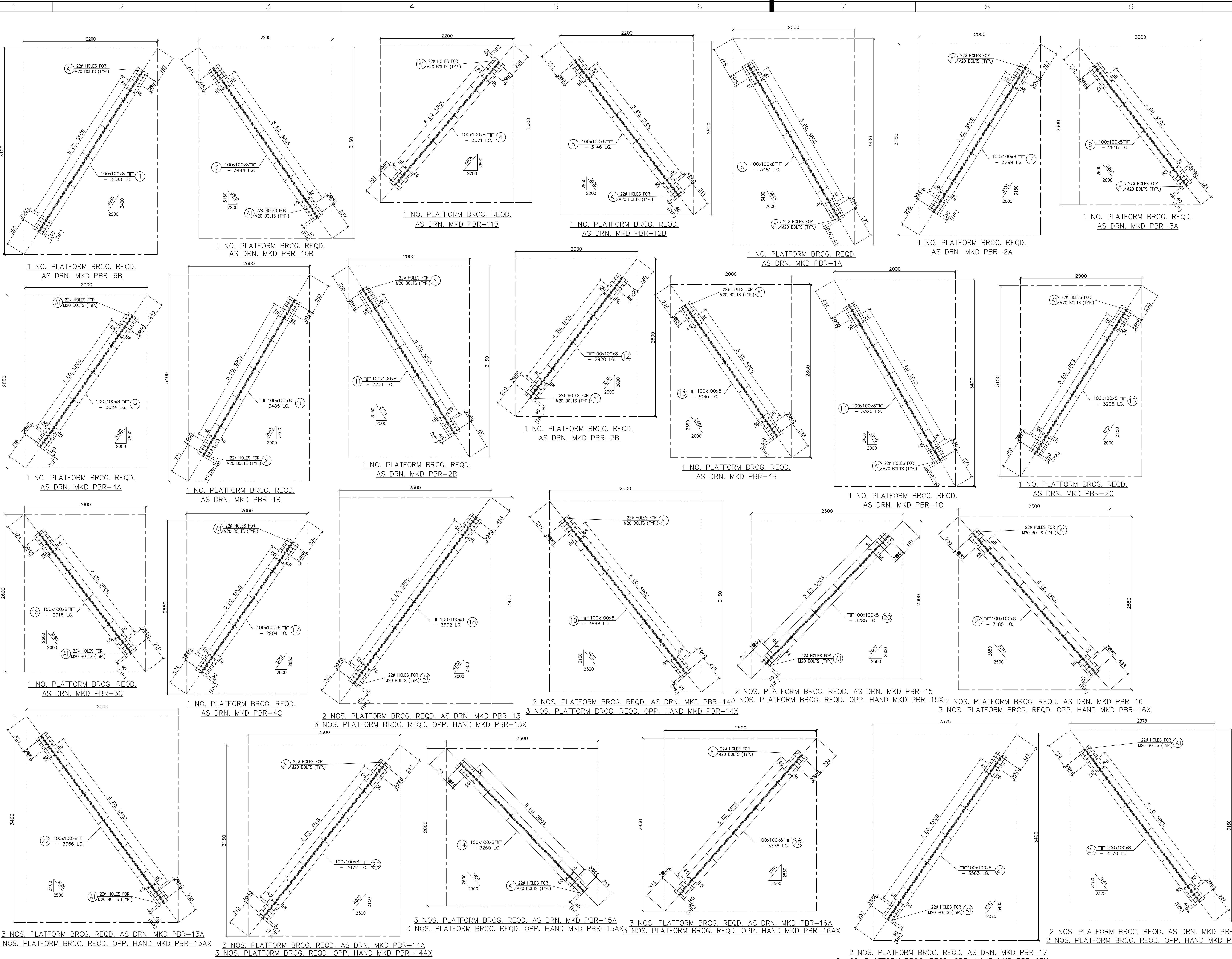
CUSTOMER CONSULTANT: **FICHTNER**
M/s FICHTNER GmbH &
Co KG, Stuttgart, GERMANY

CUSTOMER/PROJECT:
 **BANGLADESH-INDIA FRIENDSHIP POWER
COMPANY PVT. LTD, DHAKA, BANGLADESH**
2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

		भारत हेवी इलेक्ट्रिकल्स लिमिटेड HYDERABAD BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME		SIGN.		DATE		NO. OF VAR.	
DEPT. OR				SCALE		WEIGHT (KG)		REF. TO ASSY DRG.		TEM NO.	
CODE 4430		UNITS									
TITLE FLY ASH PIPE RACK U-V ROW								DRAWING NO.		REV.	
DETAIL OF PLATFROM BRACING								0-96132-1-0027		00	
SHEET NO. 01						NO OF SHEETS 01					

1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

REV	DATE	DRN	CHD	APPD	DESCRIPTION/NOTE



37.5 37.5
10
TYP. BATTEN PL.
FOR L100X100X8

NOTES:

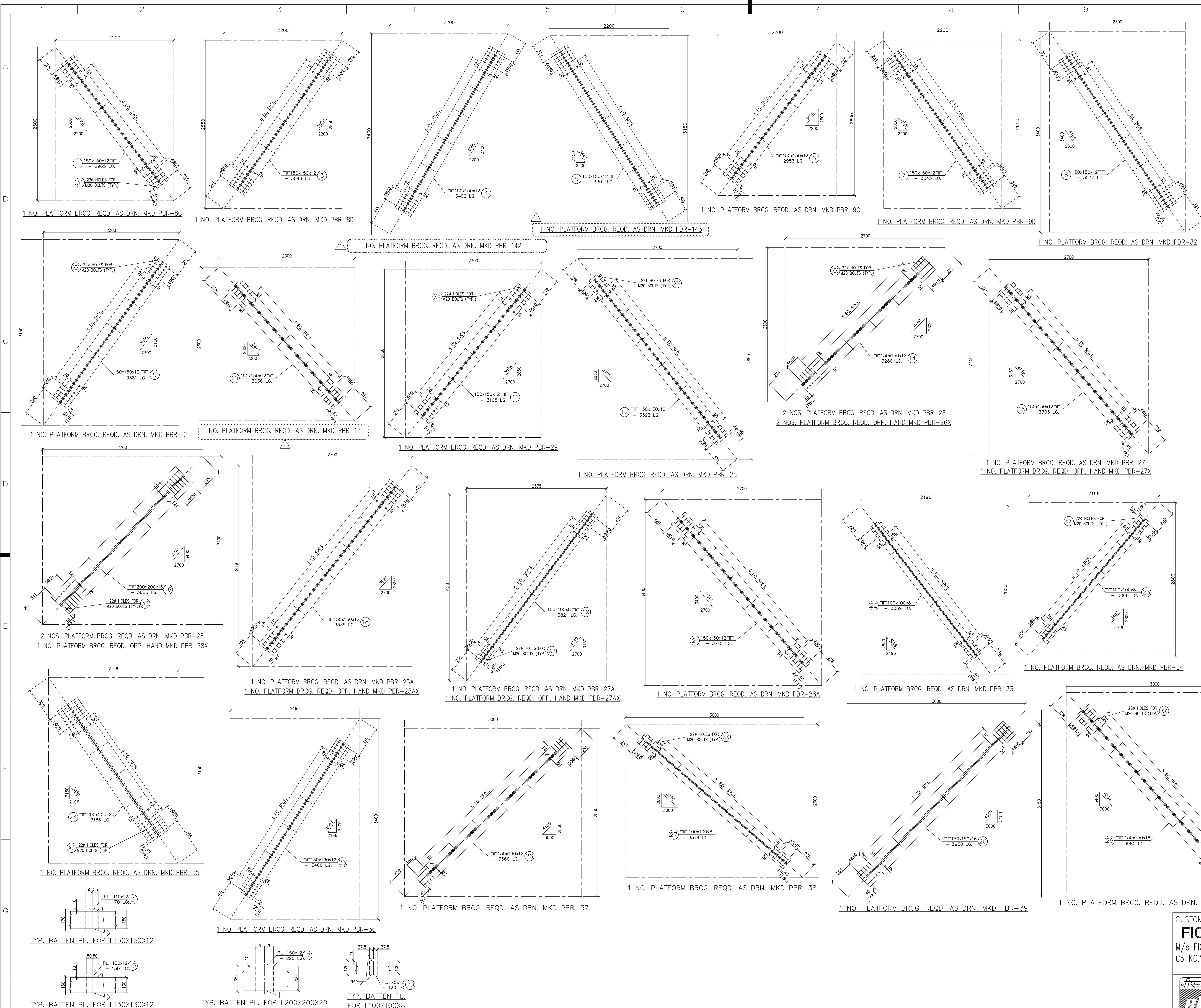
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

BILL OF MATERIALS PART-1											
SECTION NO.	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT (kg)	WEIGHT FOR ONE ASSEMBLY (kg)	NOS. OF ASSEMBLY	QTY FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (kg)	REMARKS
PBR-9B	1	L 100x100x8	3388	2	12.10	24.20	2	48.40	86.83	86.83	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	90.72	90.72	
PBR-10B	3	L 100x100x8	3444	2	12.10	24.20	2	48.40	83.34	83.34	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	86.74	86.74	
PBR-11B	4	L 100x100x8	3071	2	12.10	24.20	2	48.40	74.22	74.22	
	2	PL 75x12	120	3	94.20	3.76	3	11.22	75.66	75.66	
PBR-12B	5	L 100x100x8	3346	2	12.10	24.20	2	48.40	75.13	75.13	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	78.52	78.52	
PBR-14A	6	L 100x100x8	3481	2	12.10	24.20	2	48.40	87.63	87.63	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	88.23	88.23	
PBR-14A	7	L 100x100x8	3389	2	12.10	24.20	2	48.40	79.94	79.94	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.23	83.23	
PBR-14A	8	L 100x100x8	2956	2	12.10	24.20	2	48.40	70.57	70.57	
	2	PL 75x12	120	3	94.20	3.76	3	11.88	72.11	72.11	
PBR-14A	9	L 100x100x8	3024	2	12.10	24.20	2	48.40	72.18	72.18	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	76.57	76.57	
PBR-18B	10	L 100x100x8	3485	2	12.10	24.20	2	48.40	84.24	84.24	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	87.73	87.73	
PBR-18B	11	L 100x100x8	3301	2	12.10	24.20	2	48.40	79.88	79.88	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.28	83.28	
PBR-18B	12	L 100x100x8	2920	2	12.10	24.20	2	48.40	70.66	70.66	
	2	PL 75x12	120	3	94.20	3.76	3	11.88	72.21	72.21	
PBR-18B	13	L 100x100x8	3030	2	12.10	24.20	2	48.40	73.33	73.33	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	76.72	76.72	
PBR-18B	14	L 100x100x8	3320	2	12.10	24.20	2	48.40	80.34	80.34	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.74	83.74	
PBR-18B	15	L 100x100x8	3296	2	12.10	24.20	2	48.40	79.76	79.76	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.15	83.15	
PBR-18B	16	L 100x100x8	2956	2	12.10	24.20	2	48.40	70.57	70.57	
	2	PL 75x12	120	3	94.20	3.76	3	11.88	72.11	72.11	
PBR-18B	17	L 100x100x8	2904	2	12.10	24.20	2	48.40	70.28	70.28	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	73.67	73.67	
PBR-18B	18	L 100x100x8	3802	2	12.10	24.20	2	48.40	85.84	85.84	
	2	PL 75x12	120	5	94.20	3.76	5	19.70	88.17	88.17	
PBR-18B	19	L 100x100x8	3888	2	12.10	24.20	2	48.40	88.77	88.77	
	2	PL 75x12	120	5	94.20	3.76	5	19.70	91.41	91.41	
PBR-18B	20	L 100x100x8	3385	2	12.10	24.20	2	48.40	80.00	80.00	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.28	83.28	
PBR-18B	21	L 100x100x8	3385	2	12.10	24.20	2	48.40	80.00	80.00	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.28	83.28	
PBR-18B	22	L 100x100x8	3386	2	12.10	24.20	2	48.40	80.01	80.01	
	2	PL 75x12	120	5	94.20	3.76	5	19.70	83.28	83.28	
PBR-18B	23	L 100x100x8	3872	2	12.10	24.20	2	48.40	88.88	88.88	
	2	PL 75x12	120	5	94.20	3.76	5	19.70	91.41	91.41	
PBR-18B	24	L 100x100x8	3385	2	12.10	24.20	2	48.40	80.00	80.00	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	83.28	83.28	
PBR-18B	25	L 100x100x8	3338	2	12.10	24.20	2	48.40	78.78	78.78	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	82.07	82.07	
PBR-18B	26	L 100x100x8	3563	2	12.10	24.20	2	48.40	89.22	89.22	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	92.51	92.51	
PBR-18B	27	L 100x100x8	3570	2	12.10	24.20	2	48.40	89.39	89.39	
	2	PL 75x12	120	4	94.20	3.76	4	14.93	92.68	92.68	
TOTAL WEIGHT: 5875.24 KG. = 5.875 T.											

ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L 100x100x8	5629.38	E350-SA/IS: 2062-2006 GR-A
2	PL 12 THK.	245.86	E350-SA/IS: 2062-2006 GR-A
TOTAL WEIGHT =		5875.24	

BOLT SCHEDULE						
FASTENER NO.	HEX BOLTS			HEX NUT	WEIGHT	
	SIZE	BOLT TYPE	NOMINAL LENGTH			
1	M20	P	P.C. 88	30	1088	202.368
total weight =					1088	202.368

CUSTOMER CONSULTANT:		CUSTOMER/PROJECT:	
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH	
DEPT. OR		WEIGHT (KG)	
CODE 4430		REF. TO ASSY DRG.	
TITLE		DRAWING NO.	
FLY ASH PIPE RACK-UV ROW		0-96132-1-0028	
DETAIL OF PLATFORM BRACING		SHEET NO. 01	
REV		NO OF SHEETS	
DATE		01	
DRN		NO OF SHEETS	
CHD		01	
APPD		NO OF SHEETS	
		01	



BILL OF MATERIALS PART-1									
SECTION	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (KG)	WGT FOR ONE ASSEMBLY (KG)	NOS. OF ASSEMBLY	QTY FOR TOTAL ASSEMBLY	REMARKS
PBR-8C	1	L 150x150x12	2965	2	27.30	54.60	1	2	54.60
	2	PL 130x12	170	2	84.20	168.40	1	2	168.40
PBR-8D	3	L 150x150x12	3046	2	27.30	54.60	1	2	54.60
	4	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8E	5	L 150x150x12	3040	2	27.30	54.60	1	2	54.60
	6	PL 130x12	170	4	84.20	336.80	1	4	336.80
PBR-8F	7	L 150x150x12	3043	2	27.30	54.60	1	2	54.60
	8	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8G	9	L 150x150x12	3037	2	27.30	54.60	1	2	54.60
	10	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8H	11	L 150x150x12	3038	2	27.30	54.60	1	2	54.60
	12	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8I	13	L 150x150x12	3039	2	27.30	54.60	1	2	54.60
	14	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8J	15	L 150x150x12	3040	2	27.30	54.60	1	2	54.60
	16	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8K	17	L 150x150x12	3041	2	27.30	54.60	1	2	54.60
	18	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8L	19	L 150x150x12	3042	2	27.30	54.60	1	2	54.60
	20	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8M	21	L 150x150x12	3043	2	27.30	54.60	1	2	54.60
	22	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8N	23	L 150x150x12	3044	2	27.30	54.60	1	2	54.60
	24	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8O	25	L 150x150x12	3045	2	27.30	54.60	1	2	54.60
	26	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8P	27	L 150x150x12	3046	2	27.30	54.60	1	2	54.60
	28	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8Q	29	L 150x150x12	3047	2	27.30	54.60	1	2	54.60
	30	PL 130x12	170	3	84.20	252.60	1	3	252.60
TOTAL WEIGHT 6542.85 KG = 6.543 T									

SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L 100x100x8	419.70	IS: 2062-2006 GR-A
2	L 130x130x12	489.41	IS: 2062-2006 GR-A
3	L 150x150x12	3425.82	IS: 2062-2006 GR-A
4	L 150x150x16	566.36	IS: 2062-2006 GR-A
5	L 200x200x16	1072.34	IS: 2062-2006 GR-A
6	L 200x200x20	378.72	IS: 2062-2006 GR-A
7	PL 12 THK.	190.50	IS: 2062-2006 GR-A
TOTAL WEIGHT =		6542.85	

SECTION	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (KG)	WGT FOR ONE ASSEMBLY (KG)	NOS. OF ASSEMBLY	QTY FOR TOTAL ASSEMBLY	REMARKS
PBR-8C	1	L 150x150x12	2965	2	27.30	54.60	1	2	54.60
	2	PL 130x12	170	2	84.20	168.40	1	2	168.40
PBR-8D	3	L 150x150x12	3046	2	27.30	54.60	1	2	54.60
	4	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8E	5	L 150x150x12	3040	2	27.30	54.60	1	2	54.60
	6	PL 130x12	170	4	84.20	336.80	1	4	336.80
PBR-8F	7	L 150x150x12	3043	2	27.30	54.60	1	2	54.60
	8	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8G	9	L 150x150x12	3037	2	27.30	54.60	1	2	54.60
	10	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8H	11	L 150x150x12	3038	2	27.30	54.60	1	2	54.60
	12	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8I	13	L 150x150x12	3039	2	27.30	54.60	1	2	54.60
	14	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8J	15	L 150x150x12	3040	2	27.30	54.60	1	2	54.60
	16	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8K	17	L 150x150x12	3041	2	27.30	54.60	1	2	54.60
	18	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8L	19	L 150x150x12	3042	2	27.30	54.60	1	2	54.60
	20	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8M	21	L 150x150x12	3043	2	27.30	54.60	1	2	54.60
	22	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8N	23	L 150x150x12	3044	2	27.30	54.60	1	2	54.60
	24	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8O	25	L 150x150x12	3045	2	27.30	54.60	1	2	54.60
	26	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8P	27	L 150x150x12	3046	2	27.30	54.60	1	2	54.60
	28	PL 130x12	170	3	84.20	252.60	1	3	252.60
PBR-8Q	29	L 150x150x12	3047	2	27.30	54.60	1	2	54.60
	30	PL 130x12	170	3	84.20	252.60	1	3	252.60

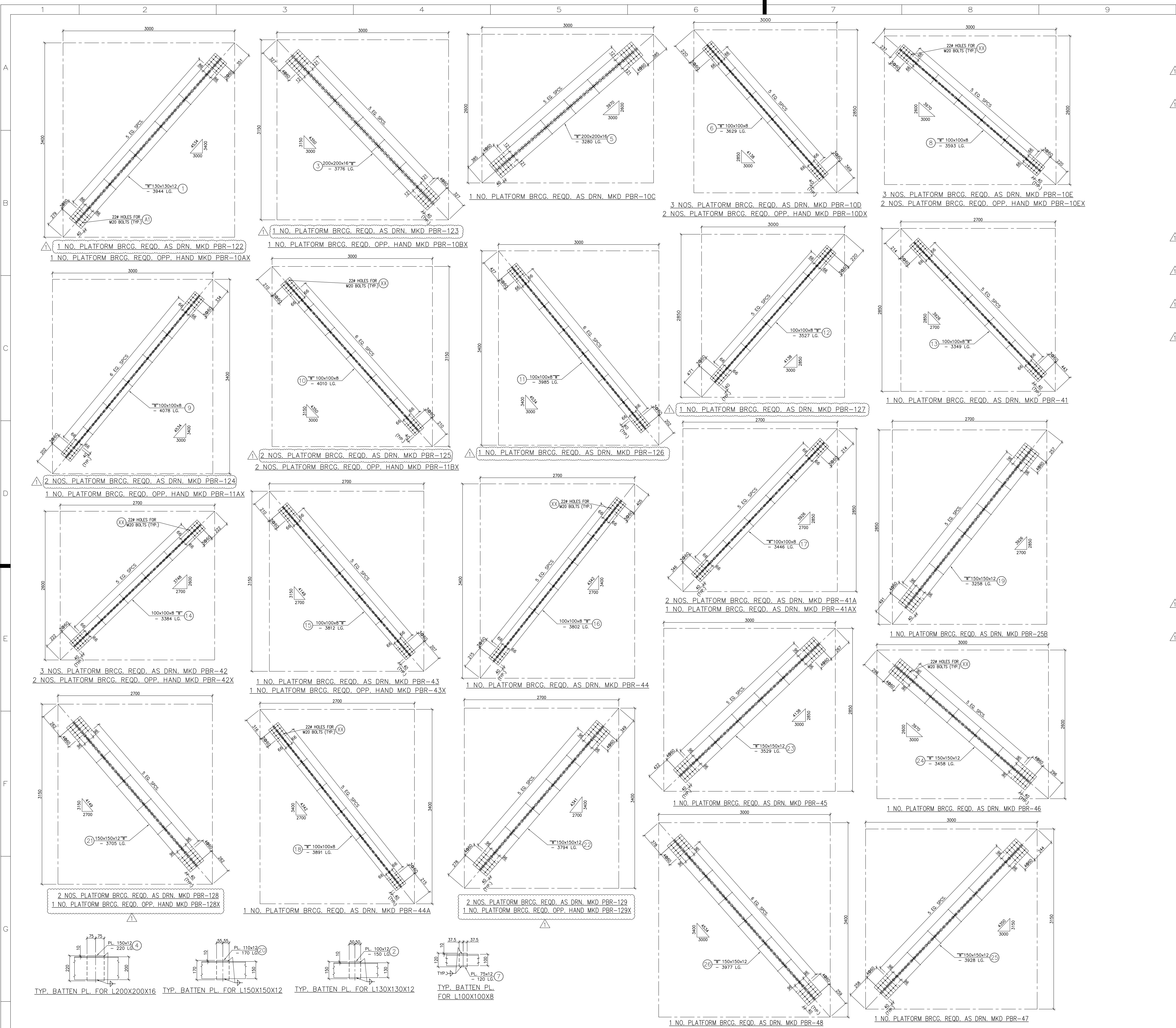
DEPT.	OR	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	EM NO.	NO.OF ITEMS
4430						

TITLE	FLY ASH PIPE RACK U-V ROW	DRAWING NO.	REV.
		0-96132-1-0030	01

SHEET NO.	01	NO OF SHEETS	01

NOTES:

1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001



BILL OF MATERIALS												
ERECTOR MKD	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (Kgs.)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	EREC. MKD.	REMARKS
PBR-122, 10AX	1	L130x130x12	3944	2	23.50	185.37		4		370.74		
	2	PL 100x12	150	4	94.20	5.65		8		11.30		
PBR-123, 10BX	3	L200x200x16	3776	2	48.50	366.27		4		732.54		
	4	PL 150x12	220	4	94.20	12.43		8		24.87		
PBR-10C	5	L200x200x16	3280	2	48.50	318.16		2		318.16		
	4	PL 150x12	220	3	94.20	9.33		3		9.33		
PBR-10D, 10DX	6	L100x100x8	3629	2	12.10	87.82		10		439.11		
	7	PL 75x12	120	4	94.20	3.39		20		16.96		
PBR-10E, 10EX	8	L100x100x8	3583	2	12.10	86.96		10		434.75		
	7	PL 75x12	120	4	94.20	3.39		20		16.96		
PBR-124, 11AX	9	L100x100x8	4078	2	12.10	98.69		6		296.06		
	7	PL 75x12	120	5	94.20	4.24		15		12.72		
PBR-125, 11BX	10	L100x100x8	4010	2	12.10	97.04		8		388.17		
	7	PL 75x12	120	5	94.20	4.24		20		16.96		
PBR-126	11	L100x100x8	3985	2	12.10	96.44		2		96.44		
	7	PL 75x12	120	5	94.20	4.24		5		4.24		
PBR-127	12	L100x100x8	3527	2	12.10	85.35		2		85.35		
	7	PL 75x12	120	4	94.20	3.39		4		3.39		
PBR-41	13	L100x100x8	3349	2	12.10	81.05		2		81.05		
	7	PL 75x12	120	4	94.20	3.39		4		3.39		
PBR-42, 42X	14	L100x100x8	3384	2	12.10	81.89		10		409.46		
	7	PL 75x12	120	4	94.20	3.39		20		16.96		
PBR-43, 43X	15	L100x100x8	3812	2	12.10	92.25		4		184.50		
	7	PL 75x12	120	4	94.20	3.39		8		6.78		
PBR-44	16	L100x100x8	3802	2	12.10	92.01		2		92.01		
	7	PL 75x12	120	4	94.20	3.39		4		3.39		
PBR-41A, 41AX	17	L100x100x8	3445	2	12.10	83.39		6		260.18		
	7	PL 75x12	120	4	94.20	3.39		12		10.17		
PBR-44A	18	L100x100x8	3881	2	12.10	94.16		2		94.16		
	7	PL 75x12	120	4	94.20	3.39		4		3.39		
PBR-25B	19	L150x150x12	3258	2	27.30	177.89		2		177.89		
	20	PL 110x12	170	4	94.20	7.05		4		7.05		
PBR-128, 128X	21	L150x150x12	3705	2	27.30	202.29		6		606.88		
	20	PL 110x12	170	4	94.20	7.05		12		21.14		
PBR-128, 128X	22	L150x150x12	3794	2	27.30	207.15		6		621.46		
	20	PL 110x12	170	4	94.20	7.05		12		21.14		
PBR-45	23	L150x150x12	3529	2	27.30	192.68		2		192.68		
	20	PL 110x12	170	4	94.20	7.05		4		7.05		
PBR-46	24	L150x150x12	3458	2	27.30	188.81		2		188.81		
	20	PL 110x12	170	4	94.20	7.05		4		7.05		
PBR-47	25	L150x150x12	3928	2	27.30	214.47		2		214.47		
	20	PL 110x12	170	4	94.20	7.05		4		7.05		
PBR-48	26	L150x150x12	3977	2	27.30	217.14		2		217.14		
	20	PL 110x12	170	5	94.20	8.81		5		225.95		
TOTAL WEIGHT: 6732.08 KG. = 6.732 T.												

FASTENER									
NO.	SIZE	BOLT TYPE	BOLT SCHEDULE			HEX NUT	WEIGHT	NO.	WEIGHT (Kg)
			CLASS	NOMINAL LENGTH	TOTAL NOS.				
A1	M20	P	P.C. 88	60	868	868	161.448		
TOTAL WEIGHT =							161.448		

ABSTRACT			
SL.NO.	SECTION	TOTAL WT.	MATL. SPON.
1	L200x200x16	1851.70	IS 2062:2006 GRA
2	L150x150x12	2218.33	IS 2062:2006 GRA
3	L130x130x12	370.74	IS 2062:2006 GRA
4	L100x100x8	2891.24	IS 2062:2006 GRA
5	PL 12 THK	240.07	IS 2062:2006 GRA
TOTAL WEIGHT =		6732.08	

CUSTOMER CONSULTANT:
FICHTNER
M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY

CUSTOMER/PROJECT:
BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH
2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

DEPT. OR

CODE

44.30

TITLE

FLY ASH PIPE RACK U-V ROW

DETAIL OF PLATFORM BRACING

WEIGHT (KG)

REF. TO ASSY DRG.

EM NO.

NO. OF SHEETS

01

NAME

SIGN.

DATE

NO. OF VAR.

DRN. KARTHIK

SAMPATH

23.09.19

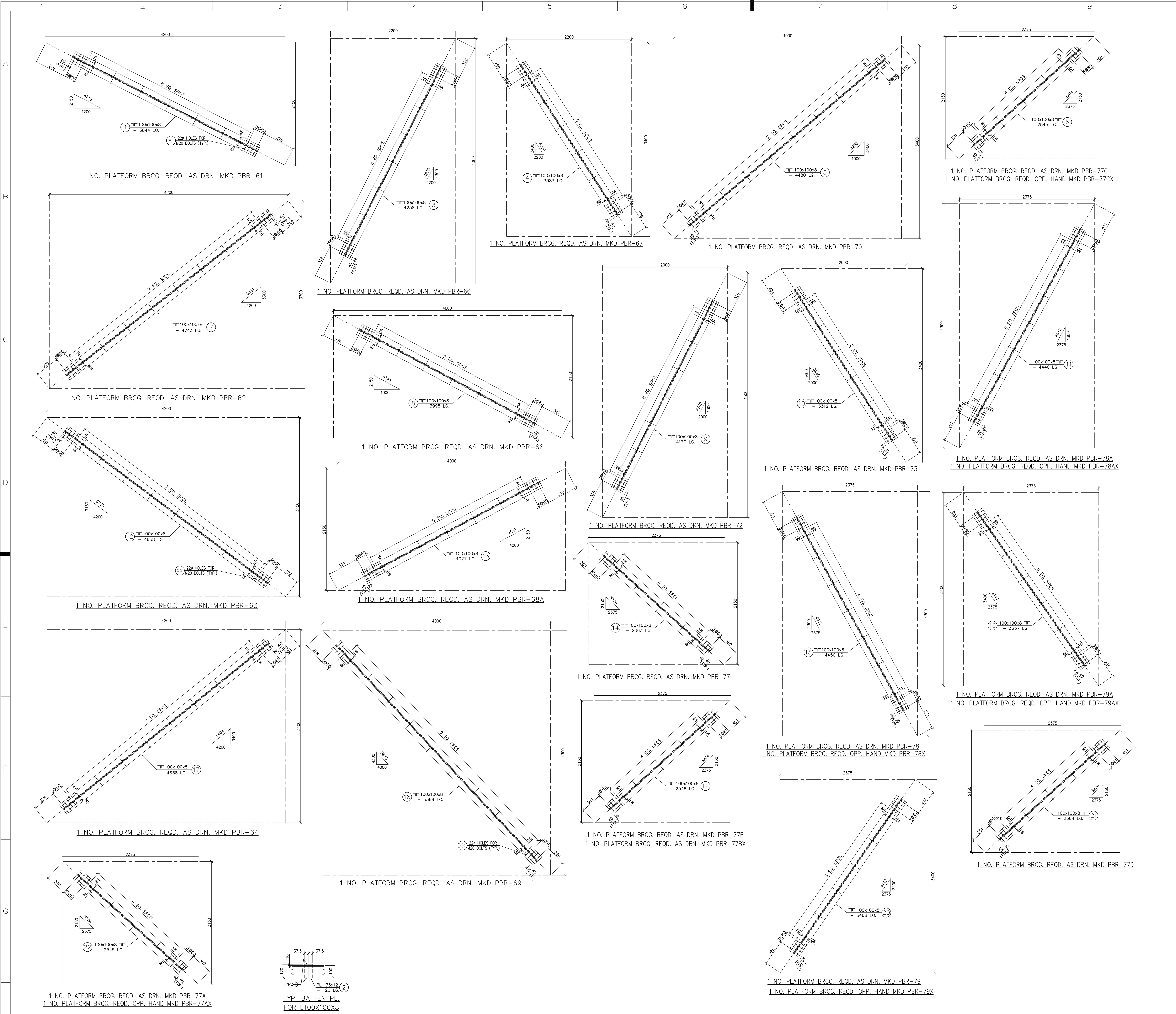
APPD. SCJ

REVISION

REV. 01

NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

REV	DATE	DRN	CHD	APPD	DESCRIPTION/NOTE
01	29.09.19				ERECTION MARKINGS CORRECTED AS HIGHLIGHTED



BILL OF MATERIALS PART-I												
ERECTOR	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT (Kgs)	WEIGHT FOR ONE ASSEMBLY (Kgs.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (Kgs.)	REC. MND. WT(Kgs)	REMARKS
PBR-61	1	L 100x100x8	3844	2	12.10	93.02		2		93.02		
	2	PL 75x12	120	5	94.20	4.24		5		4.24		
						97.26	1			97.26	97.26	
PBR-66	3	L 100x100x8	4258	2	12.10	103.04		2		103.04		
	2	PL 75x12	120	5	94.20	4.24		5		4.24		
						107.28	1			107.28	107.28	
PBR-67	4	L 100x100x8	3383	2	12.10	81.87		2		81.87		
	2	PL 75x12	120	4	94.20	3.39		4		3.39		
						85.26	1			85.26	85.26	
PBR-70	5	L 100x100x8	4480	2	12.10	108.42		2		108.42		
	2	PL 75x12	120	6	94.20	5.09		6		5.09		
						113.50	1			113.50	113.50	
PBR-77C70C	6	L 100x100x8	2545	2	12.10	61.59		4		123.18		
	2	PL 75x12	120	3	94.20	2.54		6		5.09		
						64.13	1+1			128.26	128.26	
PBR-62	7	L 100x100x8	4743	2	12.10	114.78		2		114.78		
	2	PL 75x12	120	6	94.20	5.09		6		5.09		
						119.87	1			119.87	119.87	
PBR-68	8	L 100x100x8	3995	2	12.10	96.68		2		96.68		
	2	PL 75x12	120	4	94.20	3.39		4		3.39		
						100.07	1			100.07	100.07	
PBR-72	9	L 100x100x8	4170	2	12.10	100.91		2		100.91		
	2	PL 75x12	120	5	94.20	4.24		5		4.24		
						105.15	1			105.15	105.15	
PBR-73	10	L 100x100x8	3312	2	12.10	80.15		2		80.15		
	2	PL 75x12	120	4	94.20	3.39		4		3.39		
						83.54	1			83.54	83.54	
PBR-78A78AX	11	L 100x100x8	4440	2	12.10	107.45		4		214.90		
	2	PL 75x12	120	5	94.20	4.24		10		8.48		
						111.69	1+1			223.37	223.37	
PBR-63	12	L 100x100x8	4658	2	12.10	112.72		2		112.72		
	2	PL 75x12	120	6	94.20	5.09		6		5.09		
						117.81	1			117.81	117.81	
PBR-68A	13	L 100x100x8	4027	2	12.10	97.45		2		97.45		
	2	PL 75x12	120	4	94.20	3.39		4		3.39		
						100.84	1			100.84	100.84	
PBR-77	14	L 100x100x8	2363	2	12.10	57.18		2		57.18		
	2	PL 75x12	120	3	94.20	2.54		3		2.54		
						59.73	1			59.73	59.73	
PBR-7878X	15	L 100x100x8	4450	2	12.10	107.69		4		215.38		
	2	PL 75x12	120	5	94.20	4.24		10		8.48		
						111.93	1+1			223.86	223.86	
PBR-79A79AX	16	L 100x100x8	3657	2	12.10	88.50		4		177.00		
	2	PL 75x12	120	4	94.20	3.39		8		6.78		
						91.89	1+1			183.78	183.78	
PBR-64	17	L 100x100x8	4638	2	12.10	112.24		2		112.24		
	2	PL 75x12	120	6	94.20	5.09		6		5.09		
						117.33	1			117.33	117.33	
PBR-69	18	L 100x100x8	5369	2	12.10	129.93		2		129.93		
	2	PL 75x12	120	7	94.20	5.93		7		5.93		
						135.86	1			135.86	135.86	
PBR-77B77BX	19	L 100x100x8	2546	2	12.10	61.61		4		123.23		
	2	PL 75x12	120	3	94.20	2.54		6		5.09		
						64.16	1+1			128.31	128.31	
PBR-7979X	20	L 100x100x8	3468	2	12.10	83.93		4		167.85		
	2	PL 75x12	120	4	94.20	3.39		8		6.78		
						87.32	1+1			174.63	174.63	
PBR-77D	21	L 100x100x8	2364	2	12.10	57.21		2		57.21		
	2	PL 75x12	120	3	94.20	2.54		3		2.54		
						59.75	1			59.75	59.75	
PBR-77A77AX	22	L 100x100x8	2545	2	12.10	61.59		4		123.18		
	2	PL 75x12	120	3	94.20	2.54		6		5.09		
						64.13	1+1			128.26	128.26	
TOTAL WEIGHT 2593.76 KG. = 2594 T.												

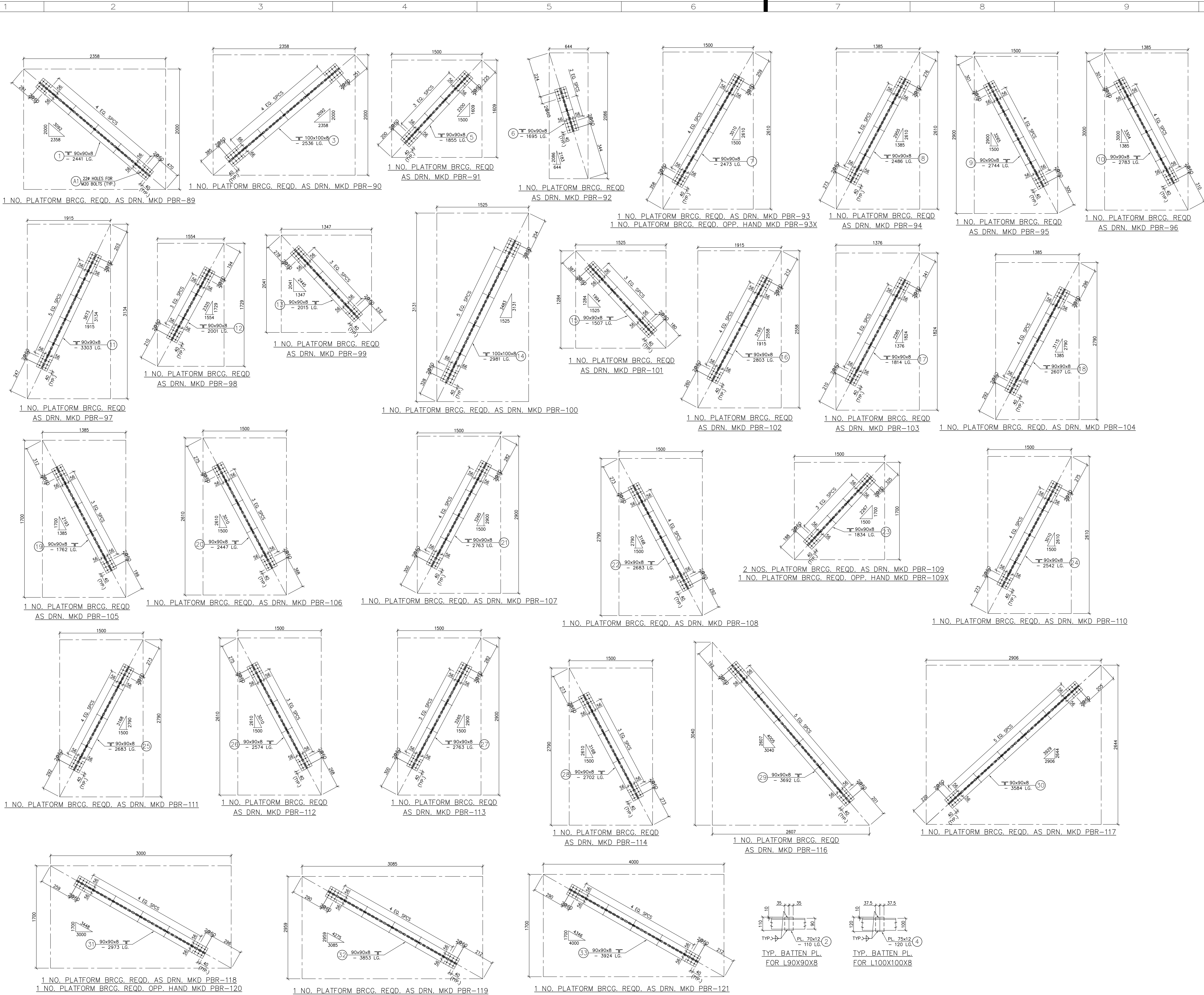
ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L 100x100x8	2490.33	E350-SA/IS: 2062-2006 GR-A
2	PL 12 THK.	103.43	E350-SA/IS: 2062-2006 GR-A
TOTAL WEIGHT =		2593.76	

BOLT SCHEDULE					
FASTENER NO.	SIZE	BOLT TYPE	HEX BOLTS CLASS	TOTAL LENGTH	HEX NUT TOTAL NOS.
A1	M20	P	P.C. 8.8	50	448
TOTAL WEIGHT =					83.328

CUSTOMER CONSULTANT:		CUSTOMER/PROJECT:	
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH	
DEPT. OR		WEIGHT (KG)	
CODE 44.30		REF. TO ASSY DRG.	
TITLE		DRAWING NO.	
FLY ASH PIPE RACK-UV ROW		0-96132-1-0033	
DETAIL OF PLATFORM BRACING		SHEET NO. 01	
REV		NO OF SHEETS	
DATE		01	
DRN		NO OF SHEETS	
CHD		01	
APPD		NO OF SHEETS	
DESCRIPTION/NOTE		01	

NOTES:

1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001



BILL OF MATERIALS											
ERECTION MKD.	ITEM NO.	SECTION	LENGTH	QTY FOR ONE ASSEMBLY	UNIT WT. (kg.)	WEIGHT FOR ONE ASSEMBLY (kg.)	NOS. OF ASSEMBLY	QTY. FOR TOTAL ASSEMBLY	AREA	WEIGHT FOR TOTAL ASSEMBLY (kg.)	EREC. MKD. WT. (kg.)
PBR-89	1	L90x90x8	2441	2	10.80	52.73		2		52.73	
	2	PL7x12	110	3	94.20	2.18		3		2.18	54.80
PBR-90	3	L100x100x8	4259	2	12.10	103.04		2		103.04	
	4	PL7x12	120	3	94.20	2.54		3		2.54	105.59
PBR-91	5	L90x90x8	1855	2	10.80	40.07		2		40.07	
	2	PL7x12	110	2	94.20	1.45		2		1.45	41.52
PBR-92	6	L90x90x8	1855	2	10.80	36.61		2		36.61	
	2	PL7x12	110	1	94.20	0.73		1		0.73	37.34
PBR-93	7	L90x90x8	2473	2	10.80	53.42		4		106.83	
	2	PL7x12	110	3	94.20	2.18		6		4.36	111.19
PBR-94	8	L90x90x8	2488	2	10.80	53.70		2		53.70	
	2	PL7x12	110	3	94.20	2.18		3		2.18	55.87
PBR-95	9	L90x90x8	2744	2	10.80	59.27		2		59.27	
	2	PL7x12	110	3	94.20	2.18		3		2.18	61.45
PBR-96	10	L90x90x8	2793	2	10.80	60.11		2		60.11	
	2	PL7x12	110	3	94.20	2.18		3		2.18	62.29
PBR-97	11	L90x90x8	3303	2	10.80	71.34		2		71.34	
	2	PL7x12	110	4	94.20	2.90		4		2.90	74.25
PBR-98	12	L90x90x8	2001	2	10.80	43.22		2		43.22	
	2	PL7x12	110	2	94.20	1.45		2		1.45	44.67
PBR-99	13	L90x90x8	2075	2	10.80	43.52		2		43.52	
	2	PL7x12	110	2	94.20	1.45		2		1.45	44.97
PBR-100	14	L100x100x8	2881	2	12.10	72.14		2		72.14	
	4	PL7x12	120	4	94.20	3.39		4		3.39	75.53
PBR-101	15	L90x90x8	1507	2	10.80	32.55		2		32.55	
	2	PL7x12	110	2	94.20	1.45		2		1.45	34.00
PBR-102	16	L90x90x8	2803	2	10.80	60.54		2		60.54	
	2	PL7x12	110	3	94.20	2.18		3		2.18	62.72
PBR-103	17	L90x90x8	1814	2	10.80	39.16		2		39.16	
	2	PL7x12	110	2	94.20	1.45		2		1.45	40.61
PBR-104	18	L90x90x8	2807	2	10.80	40.53		2		40.53	
	2	PL7x12	110	3	94.20	2.18		3		2.18	58.49
PBR-105	19	L90x90x8	1792	2	10.80	38.06		2		38.06	
	2	PL7x12	110	2	94.20	1.45		2		1.45	39.51
PBR-106	20	L90x90x8	2447	2	10.80	52.86		2		52.86	
	2	PL7x12	110	2	94.20	1.45		2		1.45	54.31
PBR-107	21	L90x90x8	2793	2	10.80	59.68		2		59.68	
	2	PL7x12	110	3	94.20	2.18		3		2.18	61.86
PBR-108	22	L90x90x8	2893	2	10.80	57.95		2		57.95	
	2	PL7x12	110	3	94.20	2.18		3		2.18	60.13
PBR-109	23	L90x90x8	1834	2	10.80	39.61		4		79.23	
	2	PL7x12	110	2	94.20	1.45		4		2.90	82.13
PBR-110	24	L90x90x8	2542	2	10.80	54.91		2		54.91	
	2	PL7x12	110	3	94.20	2.18		3		2.18	57.06
PBR-111	25	L90x90x8	2803	2	10.80	57.85		2		57.85	
	2	PL7x12	110	3	94.20	2.18		3		2.18	60.13
PBR-112	26	L90x90x8	2574	2	10.80	55.80		2		55.80	
	2	PL7x12	110	2	94.20	1.45		2		1.45	57.05
PBR-113	27	L90x90x8	2793	2	10.80	59.68		2		59.68	
	2	PL7x12	110	2	94.20	1.45		2		1.45	61.13
PBR-114	28	L90x90x8	2702	2	10.80	56.36		2		56.36	
	2	PL7x12	110	2	94.20	1.45		2		1.45	59.81
PBR-115	29	L90x90x8	3692	2	10.80	79.75		2		79.75	
	2	PL7x12	110	4	94.20	2.90		4		2.90	82.65
PBR-116	30	L90x90x8	3584	2	10.80	77.41		2		77.41	
	2	PL7x12	110	4	94.20	2.90		4		2.90	80.32
PBR-117	31	L90x90x8	2973	2	10.80	64.22		4		128.43	
	2	PL7x12	110	3	94.20	2.18		6		4.35	132.79
PBR-118	32	L90x90x8	3603	2	10.80	63.22		2		63.22	
	2	PL7x12	110	3	94.20	2.18		3		2.18	65.40
PBR-119	33	L90x90x8	3624	2	10.80	64.76		2		64.76	
	2	PL7x12	110	3	94.20	2.18		3		2.18	66.93
TOTAL WEIGHT 2026.63 KG. = 2.027 T.											

ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L100x100x8	175.18	E350-SA/IS: 2062-2006 GRA
2	L90x90x8	1783.86	E350-SA/IS: 2062-2006 GRA
3	PL 12 THK.	67.59	E350-SA/IS: 2062-2006 GRA
TOTAL WEIGHT =		2026.63	

BOLT SCHEDULE					
FASTENER NO.	SIZE	BOLT TYPE	BOLT CLASS	NOMINAL LENGTH	WEIGHT
A1	M20	P	P.C. B8	50	416
total weight =					77.376

CUSTOMER CONSULTANT: **FICHTNER** M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY

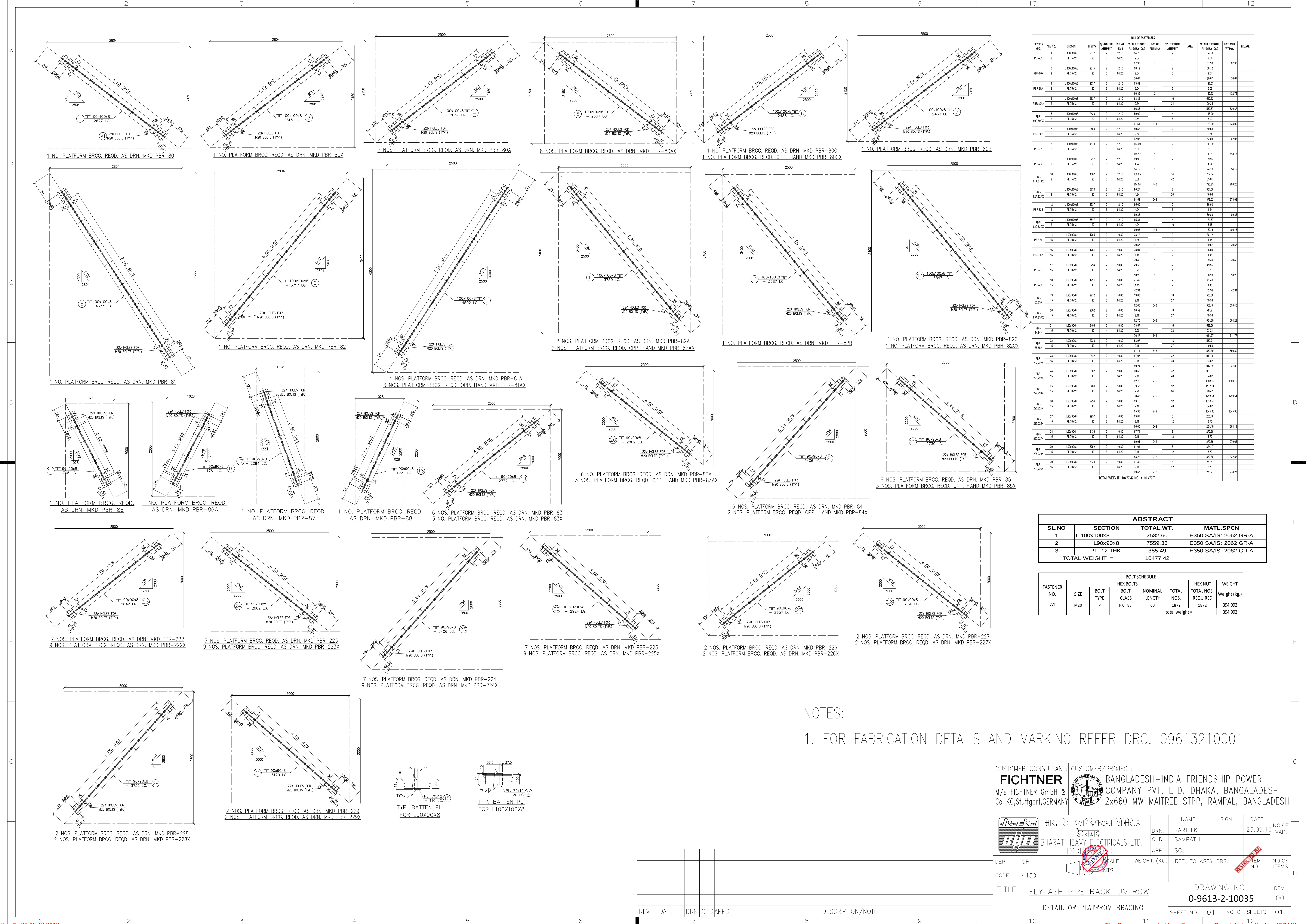
CUSTOMER/PROJECT: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH 2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

DRN. CHD.	KARTHIK SAMPATH	NAME	SIGN.	DATE	23.09.19	NO. OF VAR.					
APPD.	SCJ	NAME	SIGN.	DATE							
DEPT.	OR	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	EM NO.	NO. OF ITEMS					
CODE	4430										
TITLE	FLY ASH PIPE RACK-UV ROW					REV. 00					
DETAIL OF PLATFORM BRACING											
DRAWING NO. 0-96132-1-0034											
SHEET NO. 01						NO OF SHEETS 01					

NOTES:

1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

REV	DATE	DRN	CHD	APPD	DESCRIPTION/NOTE



BILL OF MATERIALS									
SECTION NO.	ITEM NO.	SECTION	LENGTH	UNIT	QTY	UNIT WEIGHT	TOTAL WEIGHT	REMARKS	
PBR-80	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-81	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-82	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-83	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-84	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-85	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-86	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-87	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-88	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-89	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-90	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-91	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-92	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-93	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-94	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-95	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-96	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-97	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-98	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-99	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
PBR-100	1	L 100x100x8	2677	2	12.10	64.78	777.36		
	2	PL 75x12	120	3	84.20	67.81	5656.20		
TOTAL WEIGHT 10477.42 KG = 10.477 T.									

ABSTRACT			
SL.NO	SECTION	TOTAL.WT.	MATL.SPCN
1	L 100x100x8	2532.60	E350 SA/IS: 2062 GR-A
2	L90x90x8	7559.33	E350 SA/IS: 2062 GR-A
3	PL 12 THK.	385.49	E350 SA/IS: 2062 GR-A
TOTAL WEIGHT =		10477.42	

BOLT SCHEDULE					
FASTENER NO.	SIZE	BOLT TYPE	HEX BOLTS		WEIGHT
			NOMINAL LENGTH	TOTAL NOS.	
A1	M20	P	P.C. 88	60	1872
				total weight =	394.992

NOTES:
1. FOR FABRICATION DETAILS AND MARKING REFER DRG. 09613210001

CUSTOMER CONSULTANT:
FICHTNER
M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY

CUSTOMER/PROJECT:
BANGLADESH-INDIA FRIENDSHIP POWER COMPANY PVT. LTD, DHAKA, BANGLADESH
2x660 MW MAITREE STPP, RAMPAL, BANGLADESH

NAME
KARTHIK

SIGN.

DATE
23.09.19

DRN.

SAMPATH

APPD.

SCJ

DEPT. OR
CODE
4430

SCALE
AS SHOWN

WEIGHT (KG)
REF. TO ASSY DRG.

TITLE
FLY ASH PIPE RACK-UV ROW
DETAIL OF PLATFROM BRACING

DRAWING NO.
0-9613-2-10035
SHEET NO. 01 NO OF SHEETS 01

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