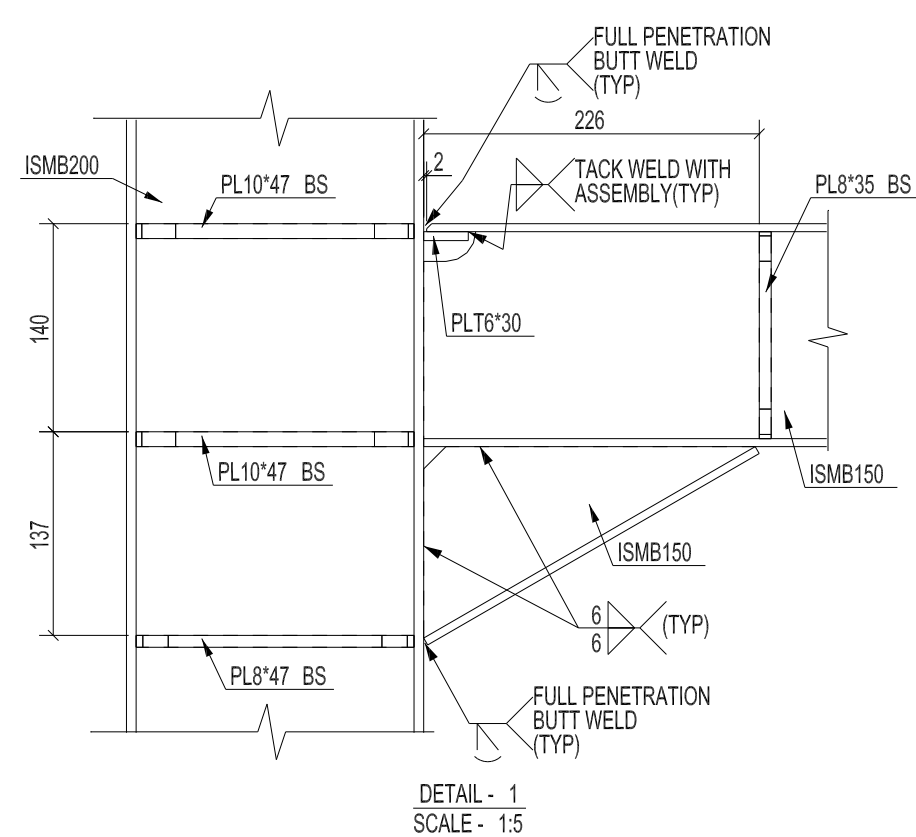
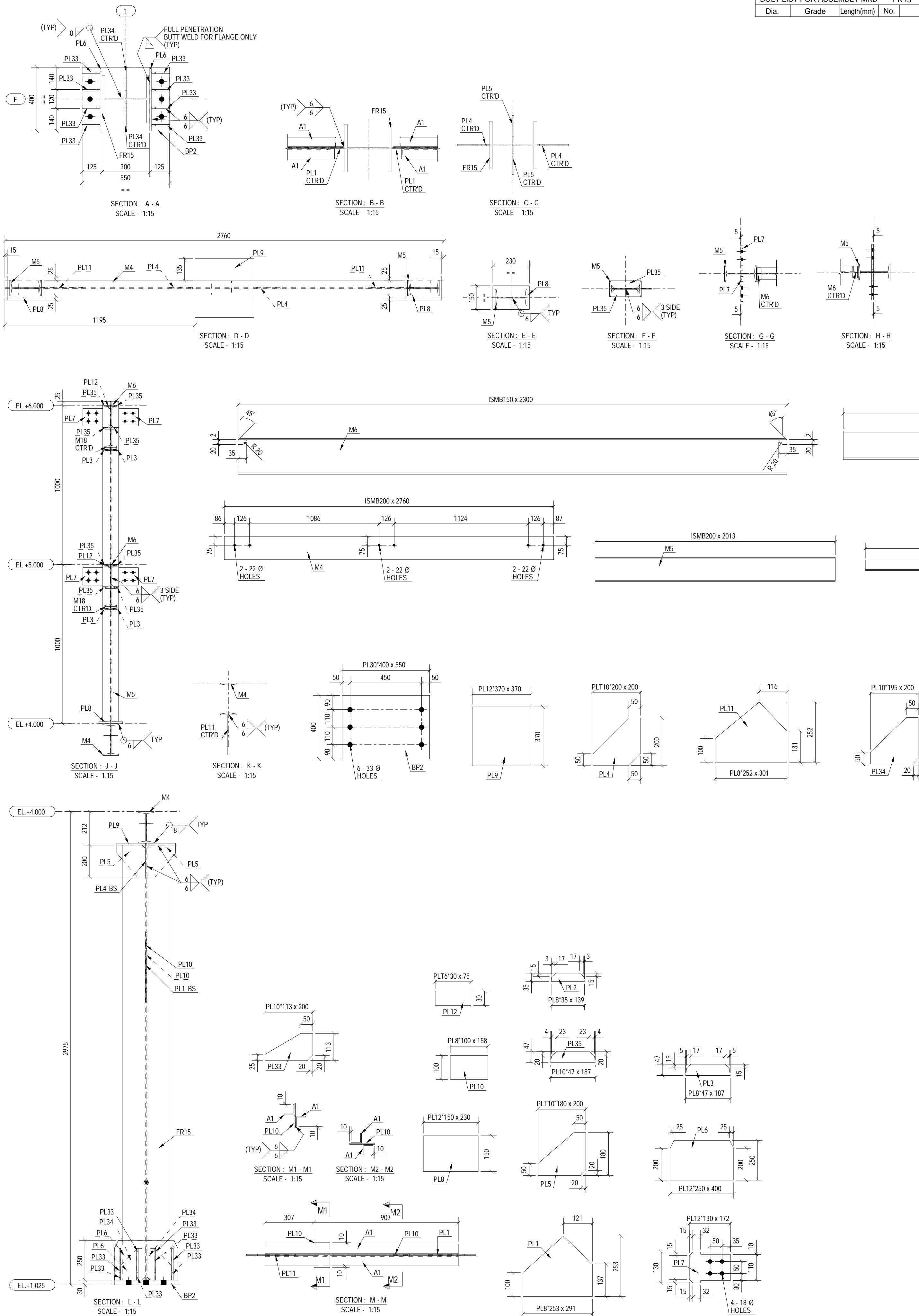
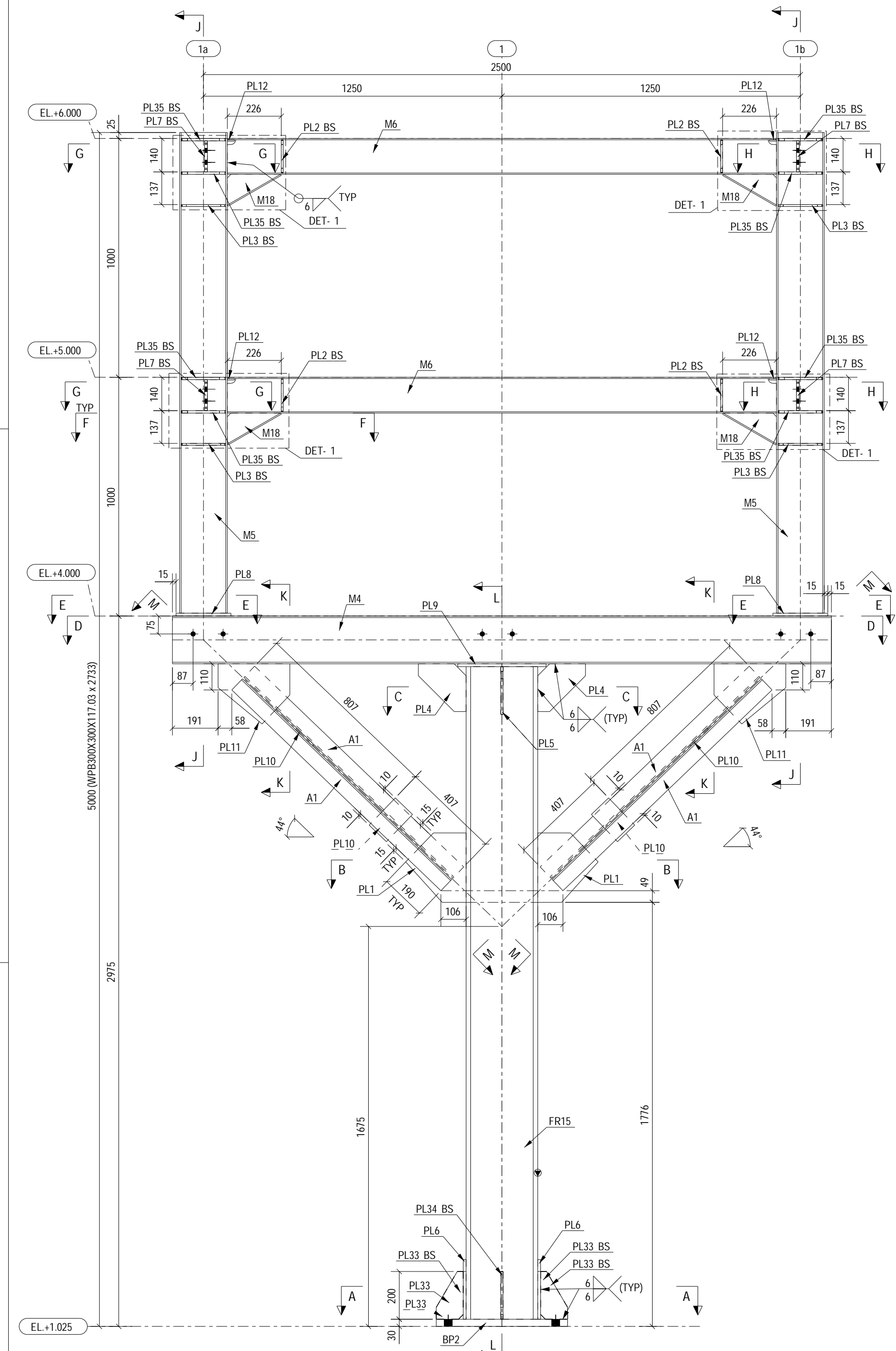





MARK NO.	GRID LOCATION	
FR15	1/D	+6.025
FR15	1/E	+6.025
FR15	1/F	+6.025

BOLT LIST FOR ASSEMBLY MKD'				FR15
Dia.	Grade	Length(mm)	No.	

BILL OF MATERIALS			ASSEMBLY MKD : FR15		ASSY QTY : 3			
Item Mark	Qty / Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR15	1	WPB300X300X117.03	117.03	2733	319.88	3	959.64	IS2062
A1	4	ISA65X56X6	5.80	1214	7.09	12	85.08	IS2062
BP2	1	PL30*400	235.50	550	51.81	3	155.43	IS2062
M4	1	ISMB200	24.20	2760	66.73	3	200.19	IS2062
M5	2	ISMB200	24.20	2013	48.67	6	292.02	IS2062
M6	2	ISMB150	15.00	2300	34.49	6	206.91	IS2062
M18	4	ISMB150	15.00	258	3.86	12	46.35	IS2062
PL1	2	PL8*253	62.80	291	4.62	6	27.72	IS2062
PL2	8	PL8*35	62.80	139	0.51	24	7.35	IS2062
PL3	8	PL8*47	62.80	187	0.55	24	13.29	IS2062
PL4	2	PL10*200	78.50	200	3.14	6	18.84	IS2062
PL5	2	PL10*180	78.50	200	2.82	6	16.91	IS2062
PL6	2	PL12*250	94.20	400	9.42	6	56.52	IS2062
PL7	8	PL12*130	94.20	172	2.11	24	50.60	IS2062
PL8	2	PL12*150	94.20	230	3.25	6	19.50	IS2062
PL9	1	PL12*370	94.20	370	12.90	3	38.69	IS2062
PL10	4	PL8*100	62.80	158	0.99	12	11.91	IS2062
PL11	2	PL8*252	62.80	301	4.76	6	28.53	IS2062
PL12	4	PL16*30	47.10	75	0.11	12	1.27	IS2062
PL33	8	PL10*113	78.50	200	1.77	24	42.58	IS2062
PL34	2	PL10*195	78.50	200	3.05	6	18.32	IS2062
PL35	16	PL10*47	78.50	187	0.69	48	33.22	IS2062
						Total	2330.87	



1	0	ISSUED FOR FABRICATION	SV	AS	28.02.2025
No	REV MARK	REVISION DESCRIPTION	DRAWN BY	CHKD BY	REV. DATE
		CLIENT:- NAVIN FLUORINE ADVANCED SCIENCES LIMITED DAHEJ			
		FABRICATOR :- VRISHAL ENGINEERING PVT LTD DAHEJ			
		 DETAILING CONSULTANTS:- T ENGINEERING CONSULTANTS PVT LTD VADODARA			
PROJECT NAME		PIPE RACK SECTION - M			
DRAWING TITLE		ASSEMBLY DRAWING OF FR15	SHEET No:- 1 OF 1		
DESIGN CONSULTANT		TATA CONSULTING ENGINEERS LIMITED	JOB No:- -		
APPROVED BY		TATA CONSULTING ENGINEERS LIMITED	SCALE:- AS SHOWN		SHT SIZE:- A1
DRAWING No		TCE-13282A-CV-3066-ST-31020-ASS-FR15	REV. No:- 0		

3 REQ'D AS DRAWN MARKED No. Nos. FR15