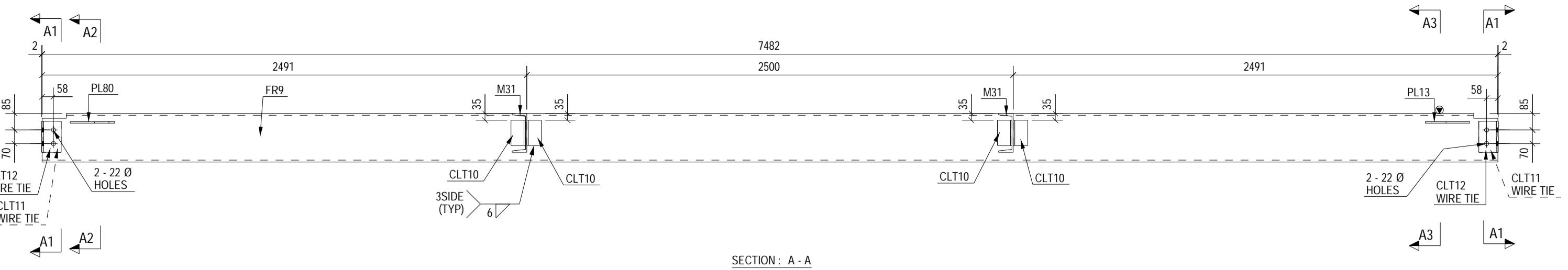
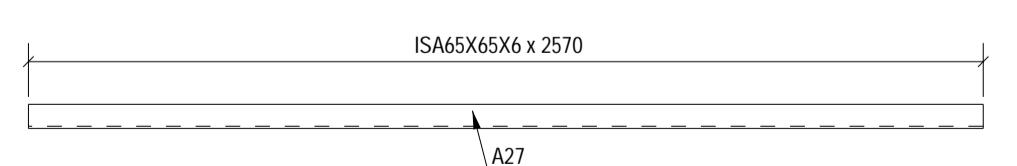
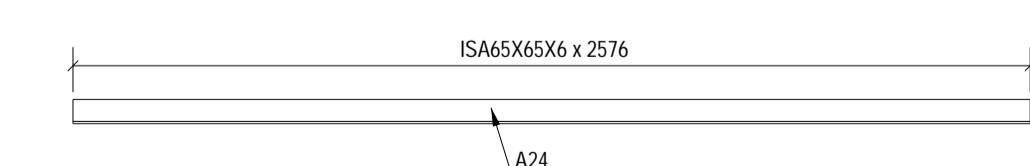
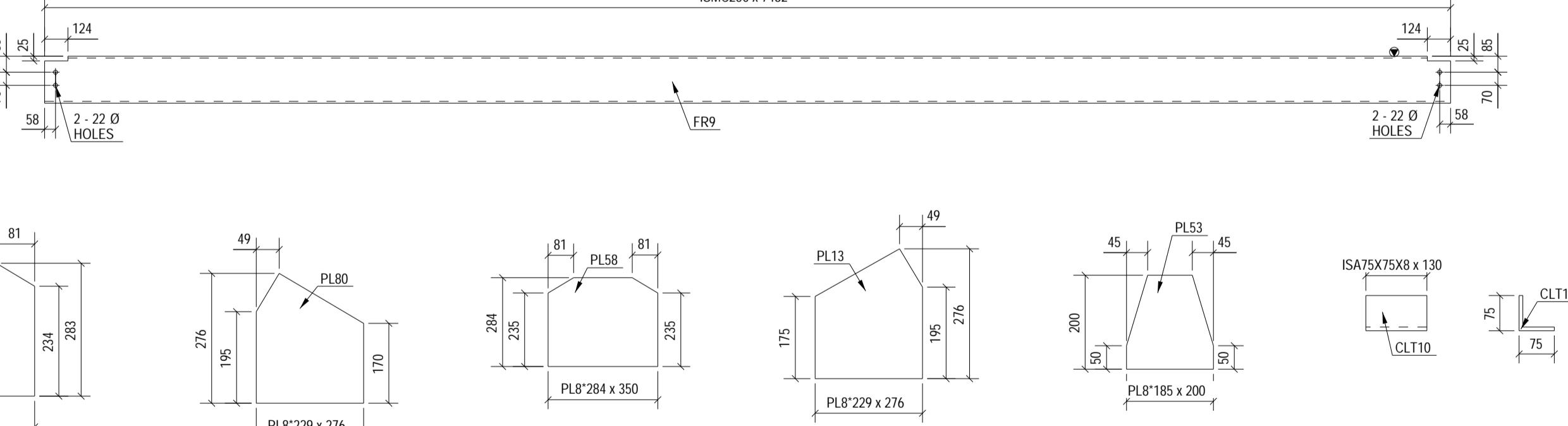
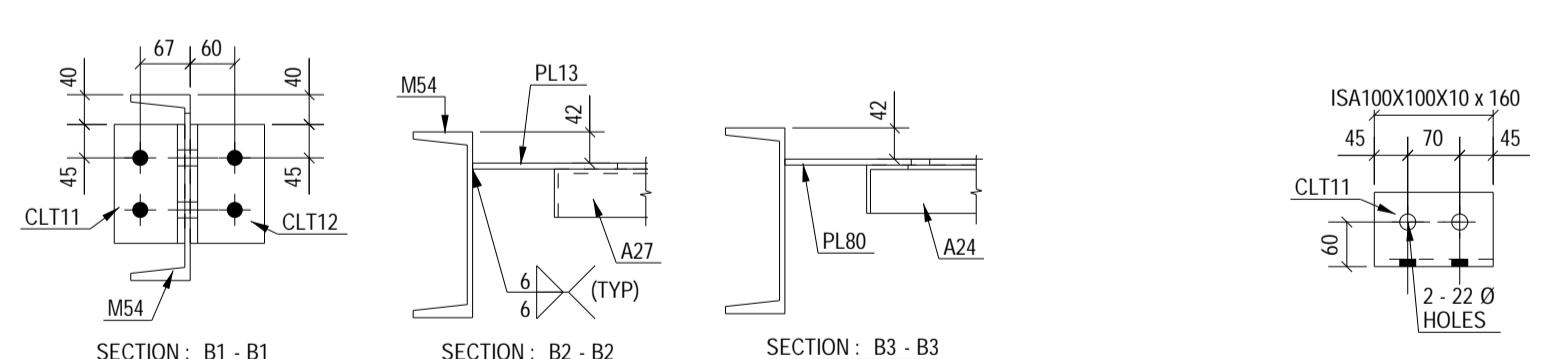
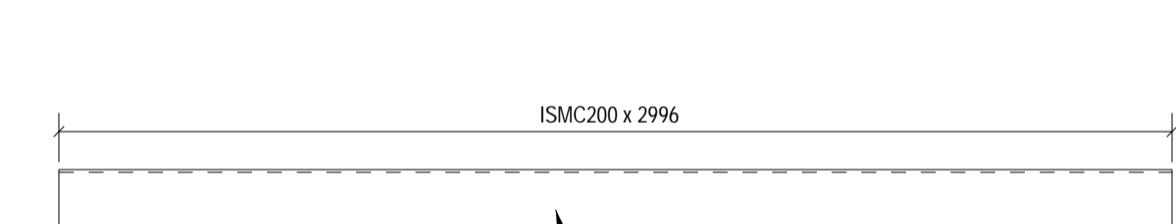
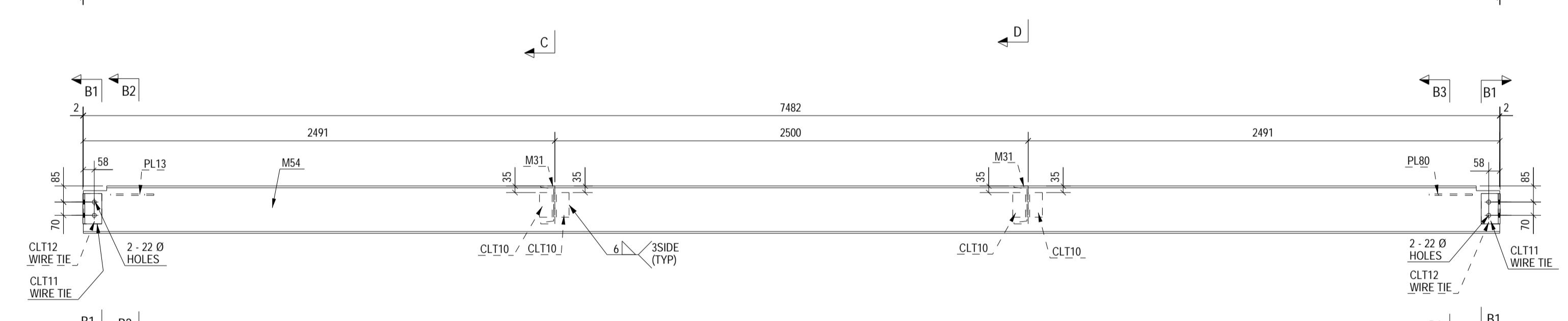
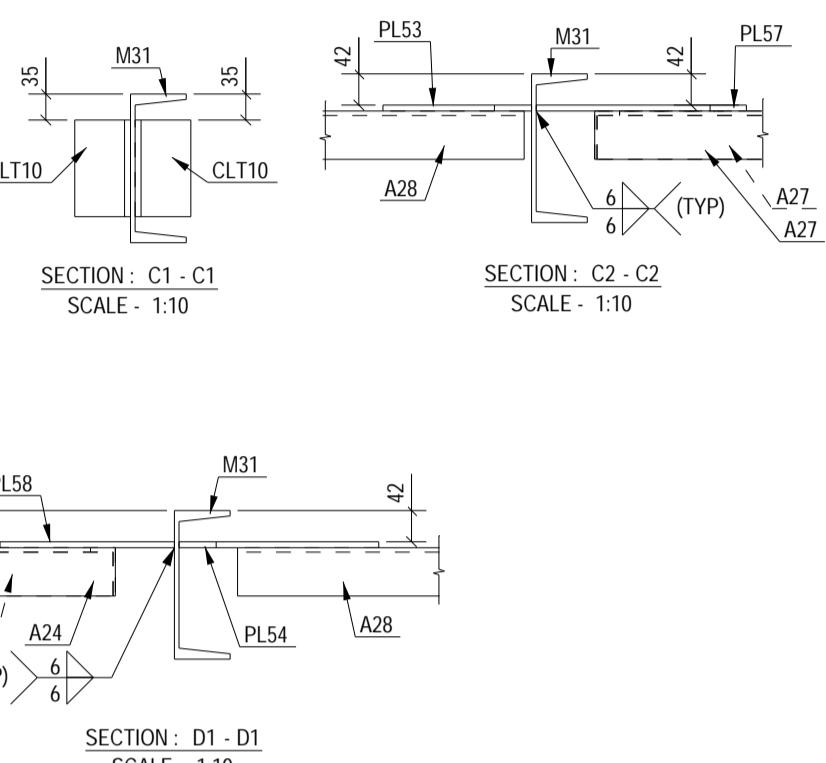
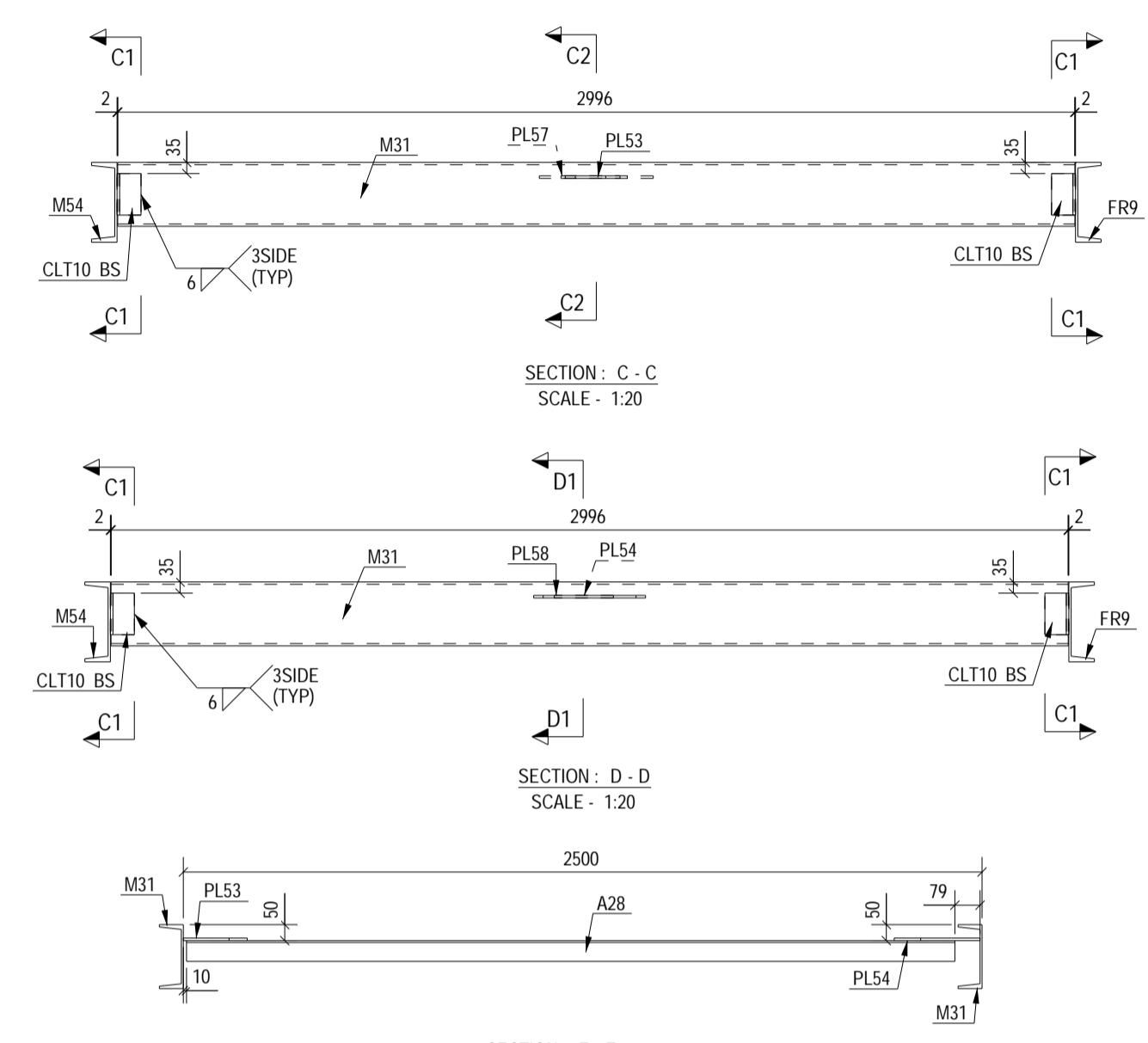
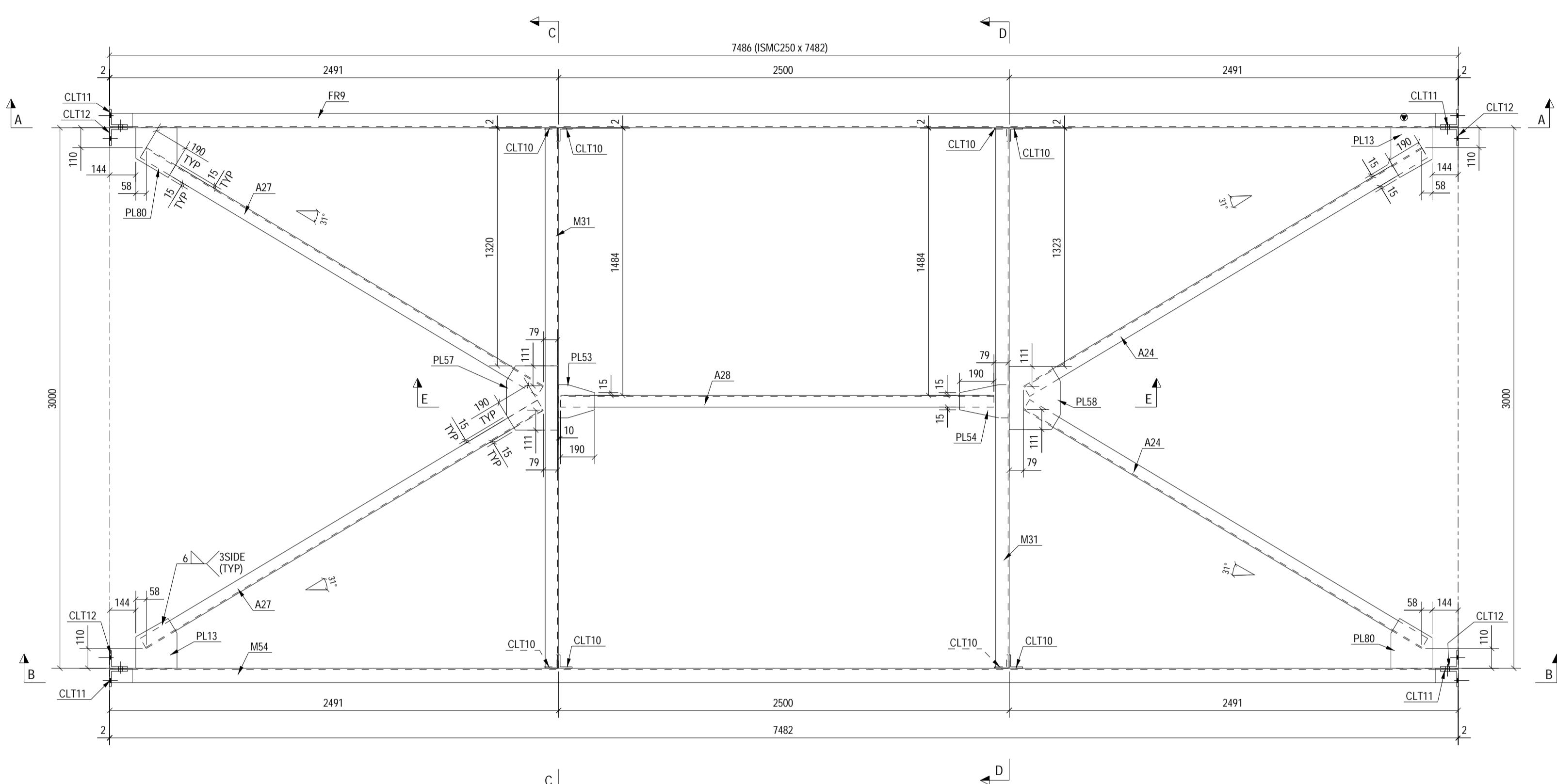


MARK NO.	GRID LOCATION	
FR9	4-3/A2	+4.000
FR9	6-5/A2	+4.000



BOLT LIST FOR ASSEMBLY MKD' FR9			
Dia.	Grade	Length(mm)	No.
M 20	8.8XOX	55	16

BILL OF MATERIALS								
ASSEMBLY MK'D : FR9				ASSY QTY : 2				
Item Mark	Qty./ Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR9	1	ISMC250	30.60	7482	229.05	2	458.10	IS2062
A24	2	ISA65X65X6	5.80	2576	15.05	4	60.19	IS2062
A27	2	ISA65X65X6	5.80	2570	15.01	4	60.04	IS2062
A28	1	ISA65X65X6	5.80	2405	14.05	2	28.09	IS2062
CLT10	8	ISA75X75X8	8.90	130	1.16	16	18.61	IS2062
CLT11	4	ISA100X100X10	14.90	160	2.39	8	19.09	IS2062
CLT12	4	ISA100X100X10	14.90	160	2.39	8	19.09	IS2062
M31	2	ISMC200	22.30	2996	67.03	4	268.11	IS2062
M54	1	ISMC250	30.60	7482	229.05	2	458.10	IS2062
PL13	2	PL8*229	62.80	276	3.97	4	15.87	IS2062
PL53	1	PL8*185	62.80	200	2.32	2	4.65	IS2062
PL54	1	PL8*185	62.80	269	3.12	2	6.25	IS2062
PL57	1	PL8*283	62.80	357	6.34	2	12.68	IS2062
PL58	1	PL8*284	62.80	350	6.24	2	12.47	IS2062
PL80	2	PL8*229	62.80	276	3.97	4	15.87	IS2062
						Total	1457.22	



2 REQ'D AS DRAWN MARKED No. Nos. ER9

0	ISSUED FOR FABRICATION	YW	AS	21.12.2024
REV MARK	REVISION DESCRIPTION	DRAWN BY	CHKD BY	REV. DATE
CLIENT:-				
NAVIN FLUORINE ADVANCED SCIENCES LIMITED DAHEJ				
 FABRICATOR VISHAL ENGINEERING PVT LTD DAHEJ	 DETAILING CONSULTANTS :- T ENGINEERING CONSULTANTS PVT LTD VADODARA			
JECT NAME	PIPERACK SECTION B			
WING TITLE	ASSEMBLY DRAWING OF FR9	SHEET No:-	1 OF 1	
GN CONSULTANT	TATA CONSULTING ENGINEERS LIMITED	JOB No:-	-	
ROVED BY	TATA CONSULTING ENGINEERS LIMITED	SCALE:-	AS SHOWN	SHT SIZE:- A1
WING No	TCE-13282A-CV-3066-ST-31002-ASS-FR9	REV. No:-	0	