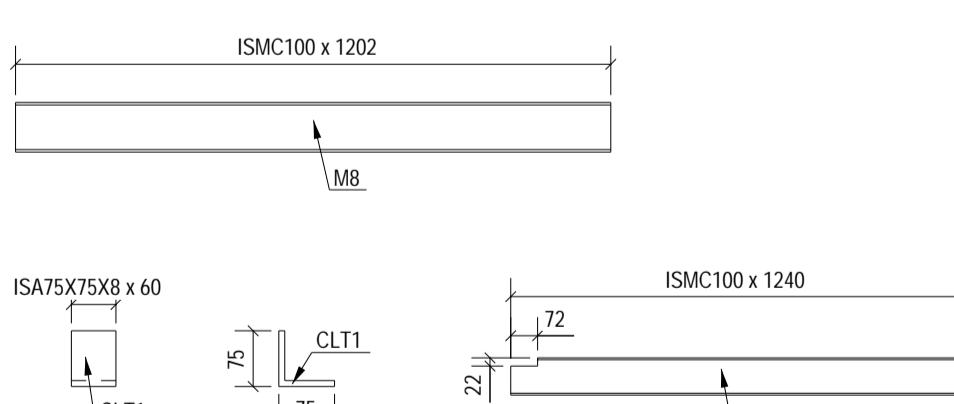
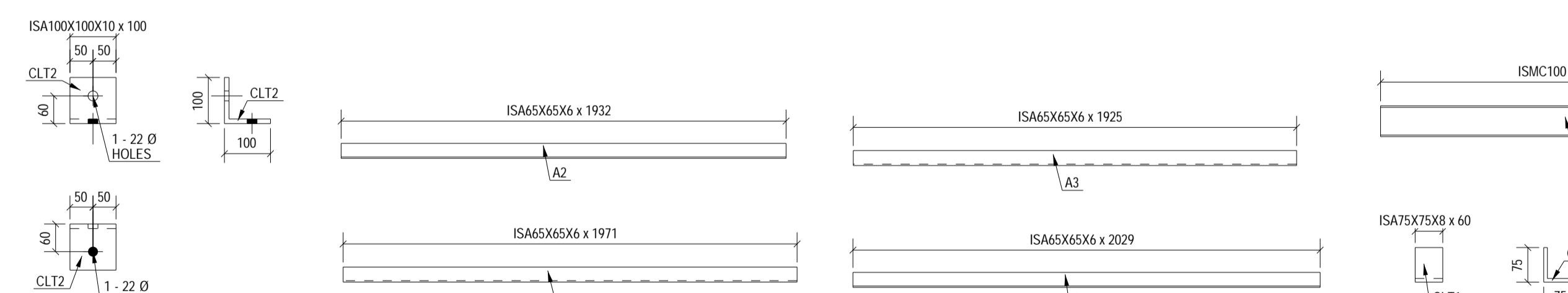
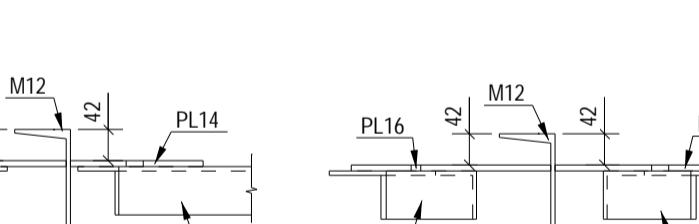
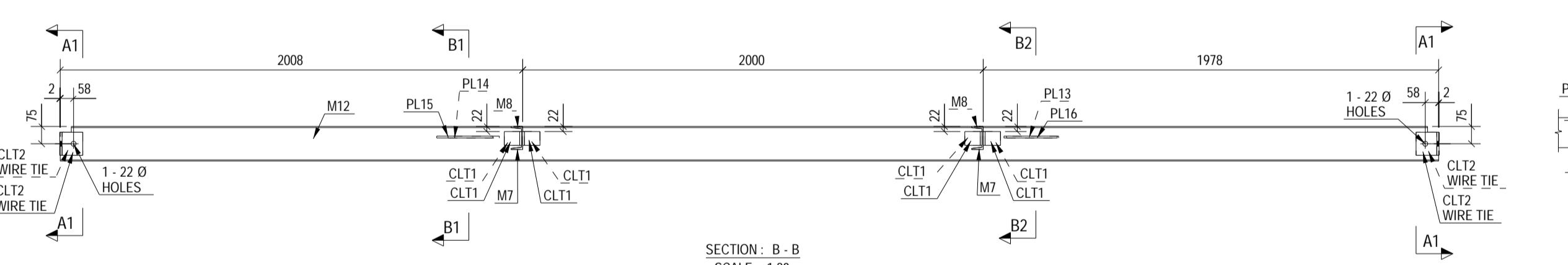
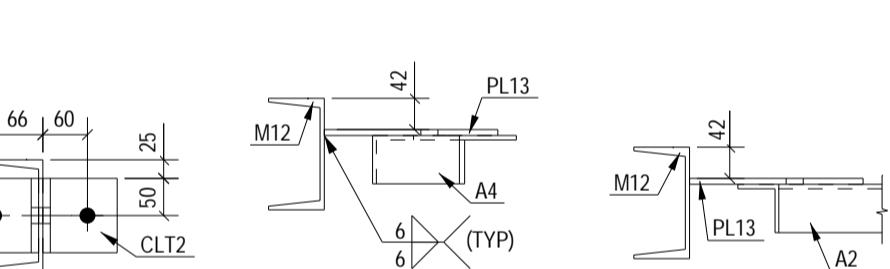
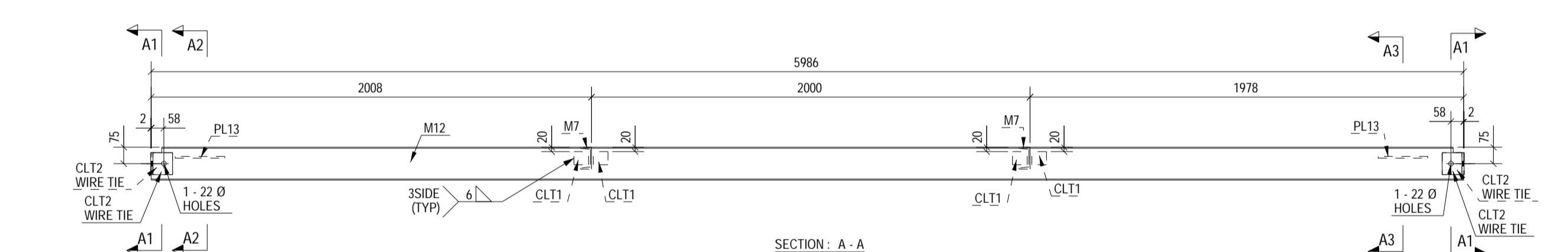
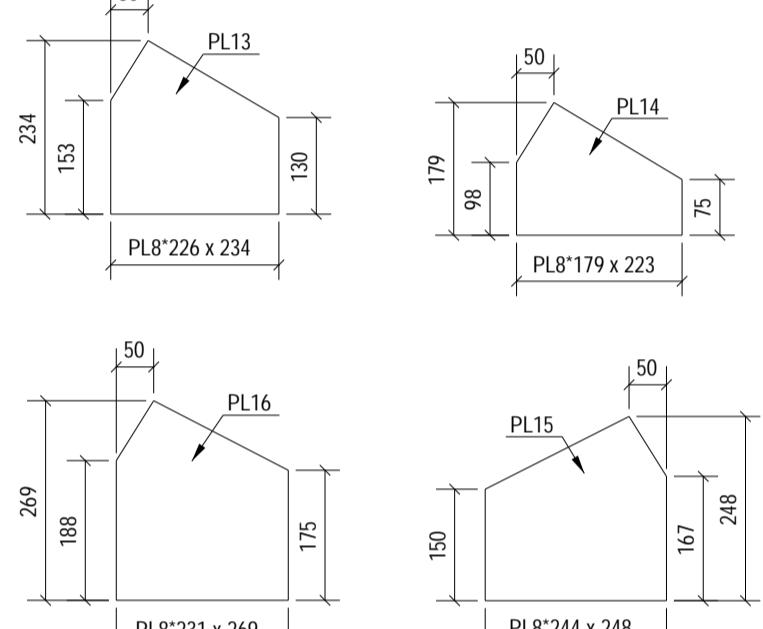
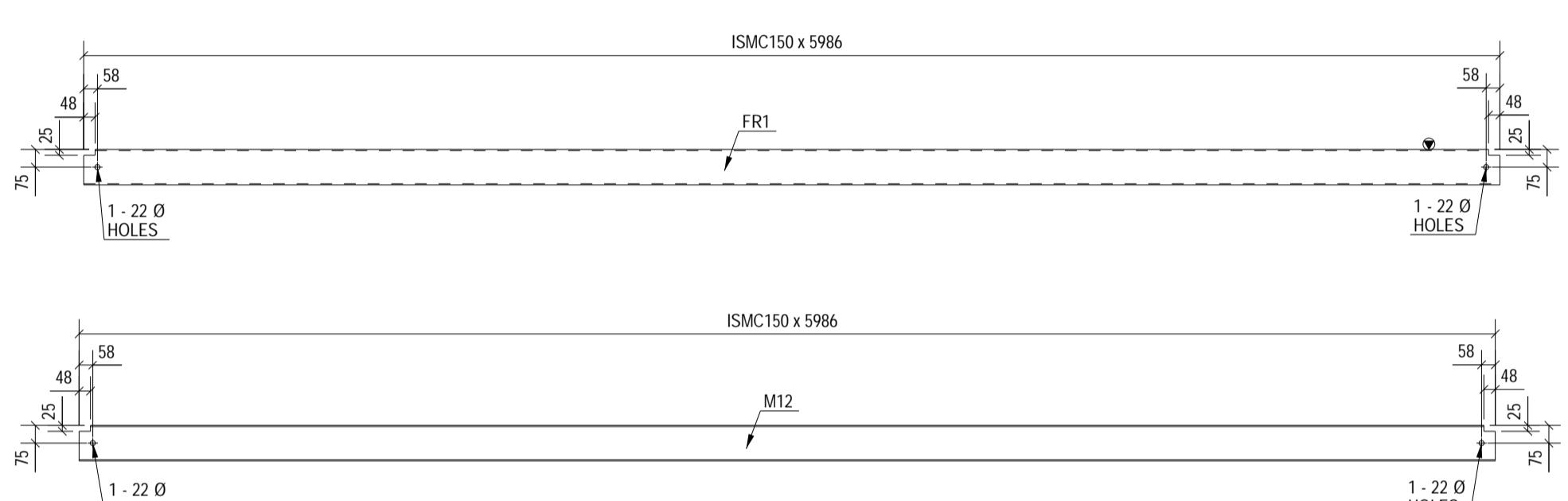
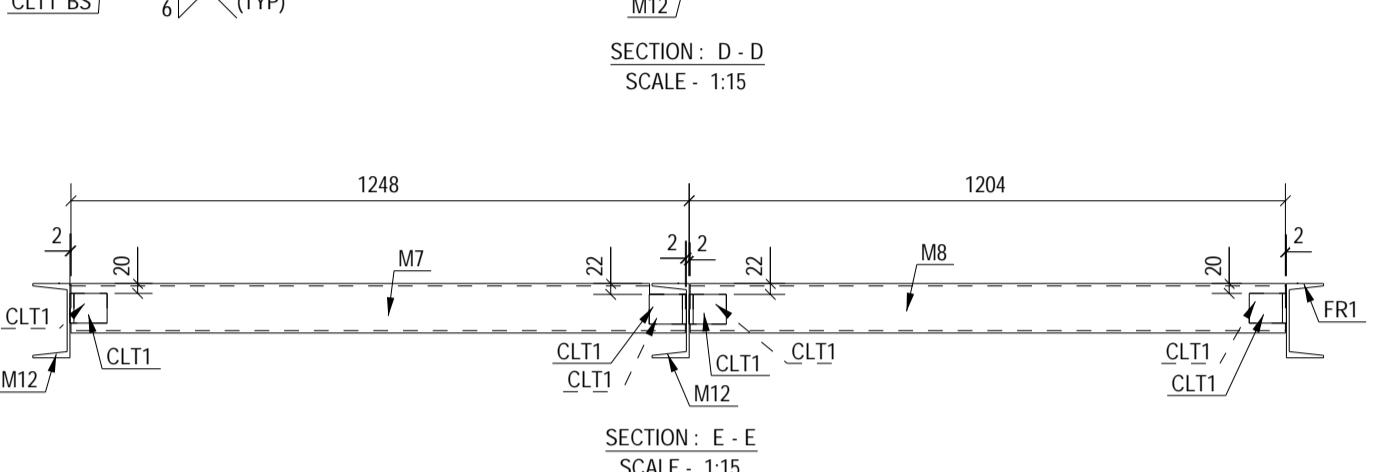
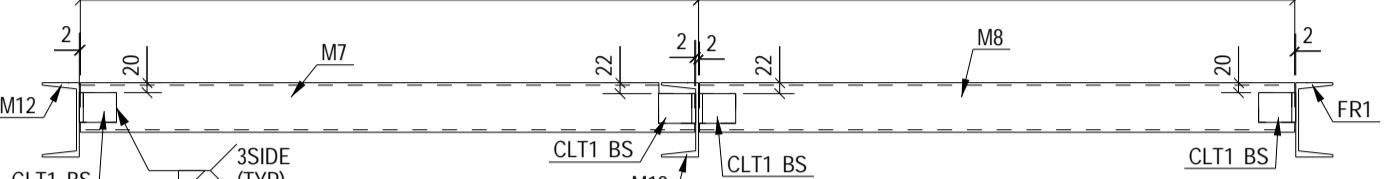
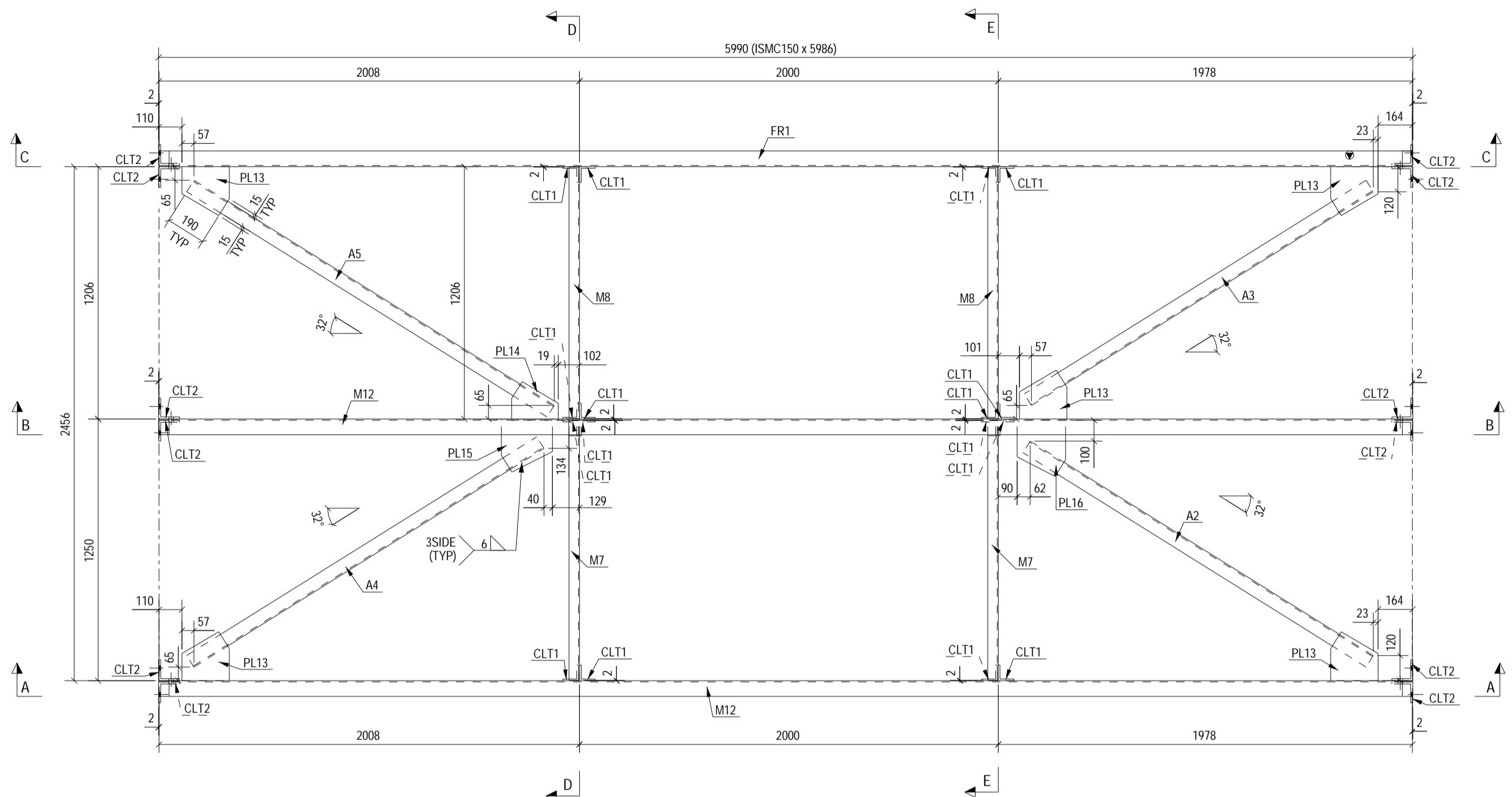
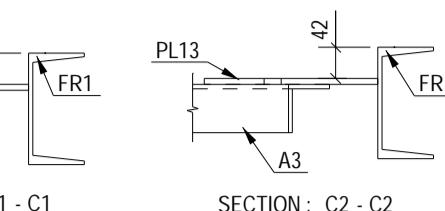
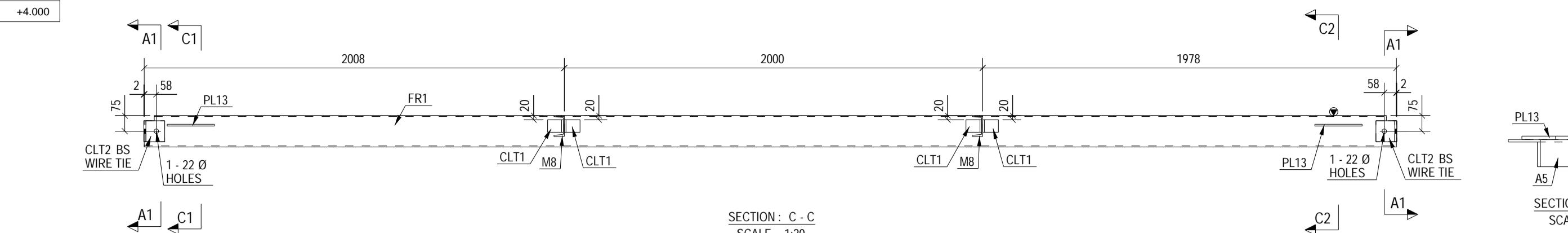


MARK NO.	GRID LOCATION	
FR1	1a/A-B	+4.000
FR1	1a/C-D	+4.000
FR1	1a/D-E	+4.000
FR1	1a/E-F	+4.000
FR1	1a/F-G	+4.000

BOLT LIST FOR ASSEMBLY MKD' FR1				
Dia.	Grade	Length(mm)	No.	
M 20	8.8XOX	55	36	
M 20	8.8XOX	60	26	

L OF MATERIALS			ASSEMBLY MK'D : FR1			ASSY QTY : 5		
Wk	Qty./Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
	1	ISMC150	16.80	5986	100.09	5	500.47	IS2062
	1	ISA65X65X6	5.80	1932	11.29	5	56.43	IS2062
	1	ISA65X65X6	5.80	1925	11.25	5	56.23	IS2062
	1	ISA65X65X6	5.80	1971	11.51	5	57.57	IS2062
	1	ISA65X65X6	5.80	2029	11.85	5	59.26	IS2062
	16	ISA75X75X8	8.90	60	0.54	80	42.96	IS2062
	12	ISA100X100X10	14.90	100	1.49	60	89.49	IS2062
	2	ISMC100	9.56	1240	11.88	10	118.78	IS2062
	2	ISMC100	9.56	1202	11.51	10	115.08	IS2062
	2	ISMC150	16.80	5986	100.09	10	1000.94	IS2062
	5	PL8*226	62.80	234	3.32	25	82.97	IS2062
	1	PL8*179	62.80	223	2.50	5	12.49	IS2062
	1	PL8*244	62.80	248	3.80	5	18.98	IS2062
	1	PL8*231	62.80	269	3.90	5	19.52	IS2062
						Total	2231.16	



5 REQ'D AS DRAWN MARKED No. Nos. FR1

0	ISSUED FOR FABRICATION	SV	AS	28.02.2025
REV MARK	REVISION DESCRIPTION	DRAWN BY	CHKD BY	REV. DATE
CLIENT:-				
NAVIN FLUORINE INTERNATIONAL LIMITED				
NAVIN FLUORINE ADVANCED SCIENCES LIMITED DAHEJ				
FABRICATOR :-  VRISHAL Engineering Pvt Ltd VRISHAL ENGINEERING PVT LTD DAHEJ		 DETAILING CONSULTANTS:- TOTAL ENGINEERING CONSULTANTS PVT LTD VADODARA		
JECT NAME	PIPE RACK SECTION - M			
AWING TITLE	ASSEMBLY DRAWING OF FR1	SHEET No:- 1 OF 1		
IGN CONSULTANT	TATA CONSULTING ENGINEERS LIMITED	JOB No:- -		
ROVED BY	TATA CONSULTING ENGINEERS LIMITED	SCALE:- AS SHOWN		SHT SIZE:-
AWING No	TCE-13282A-CV-3066-ST-31020-ASS-FR1	REV. No:- 0		A1