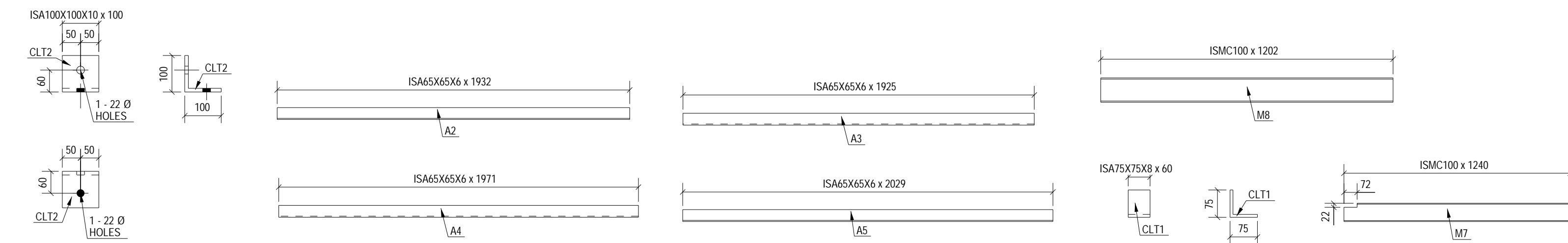
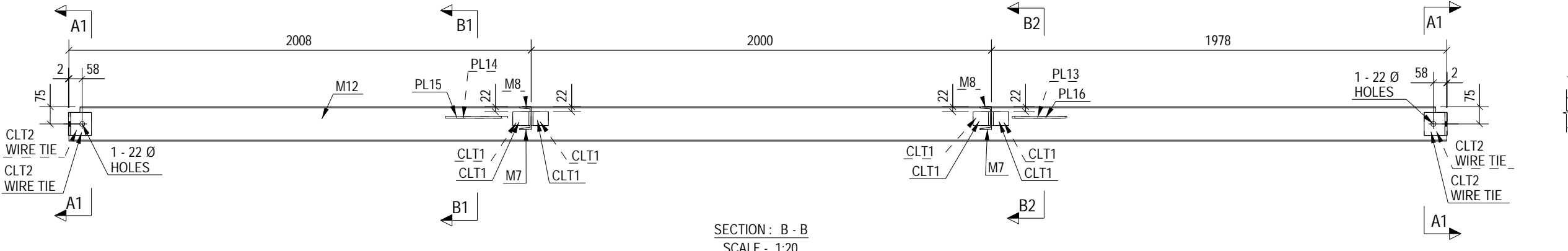
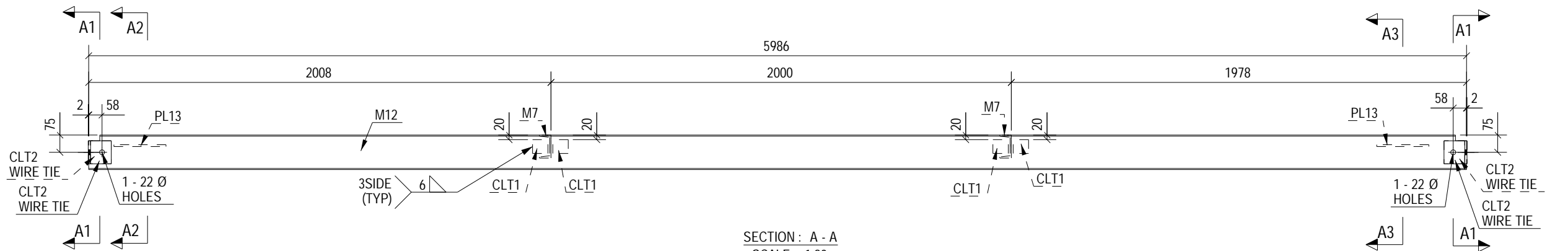
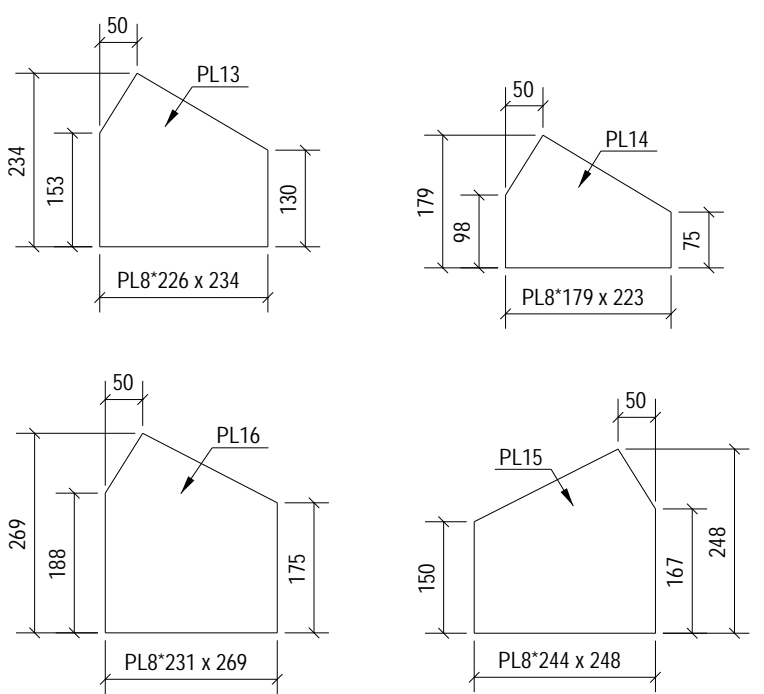
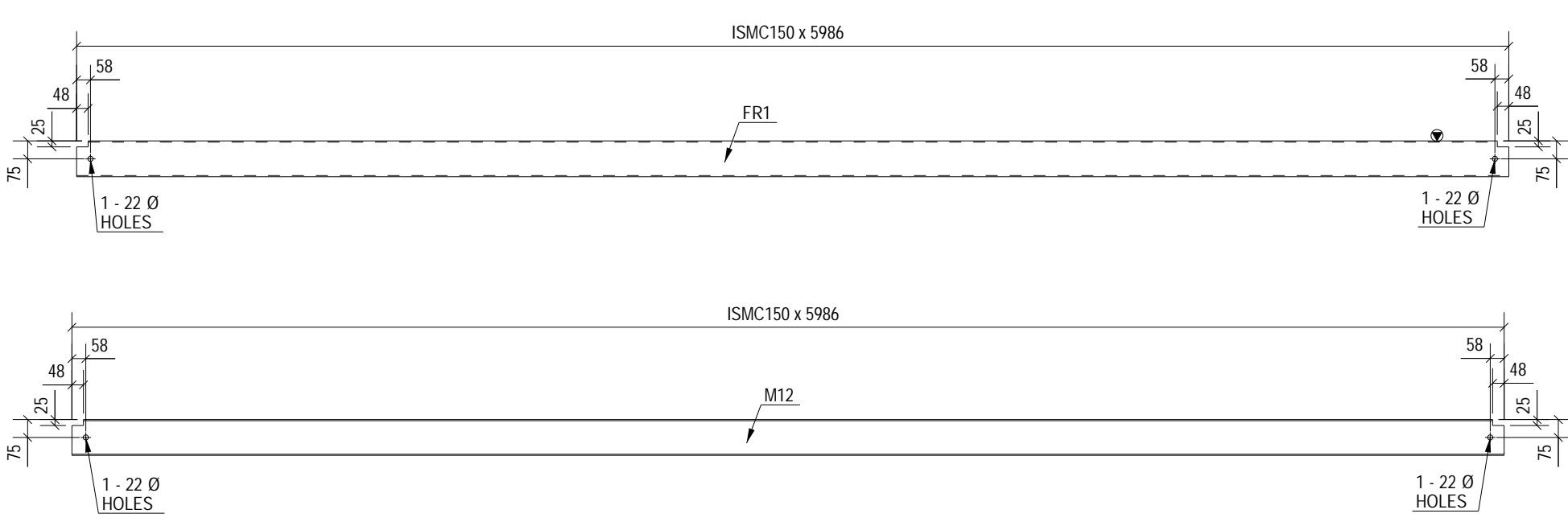
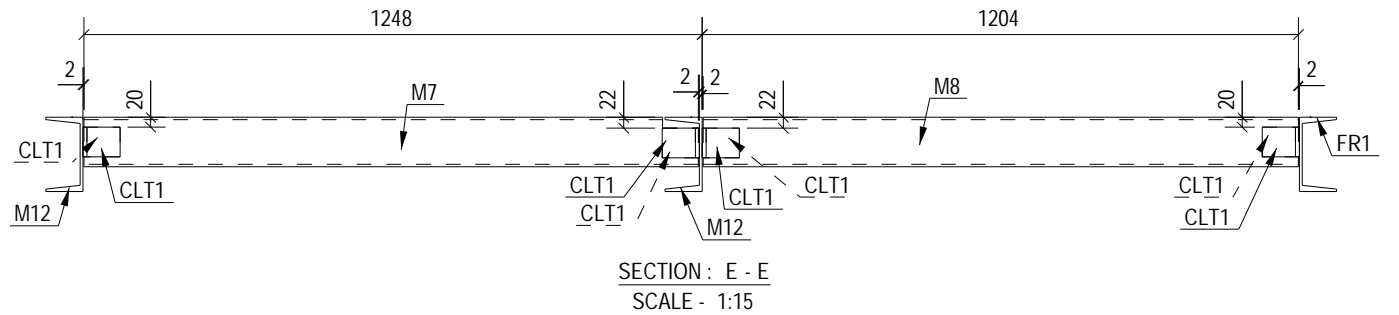
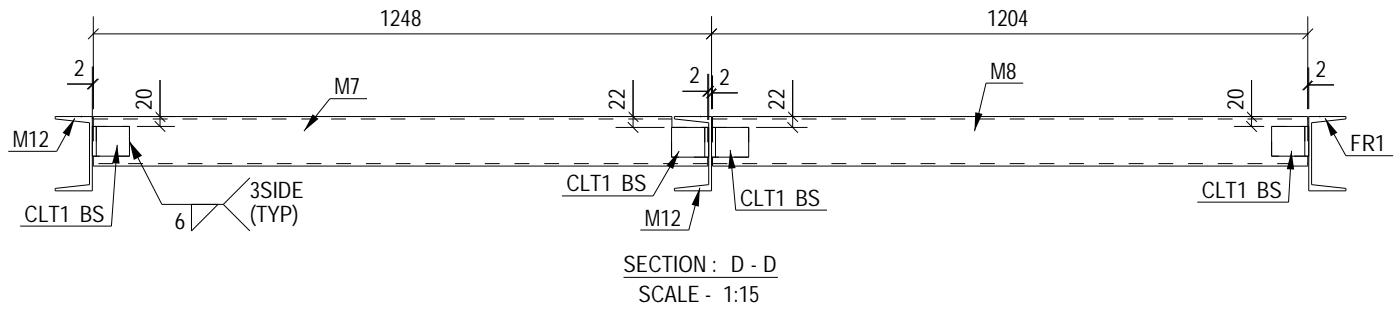
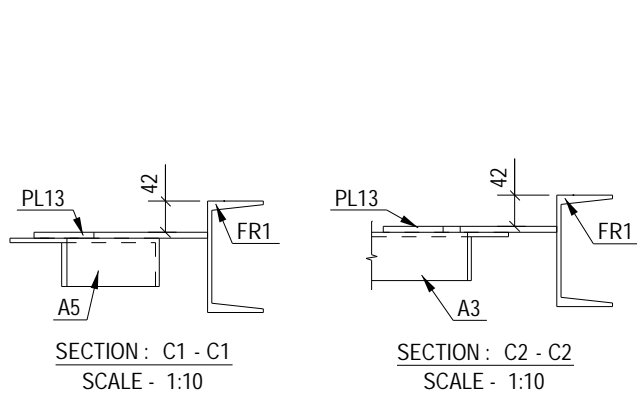
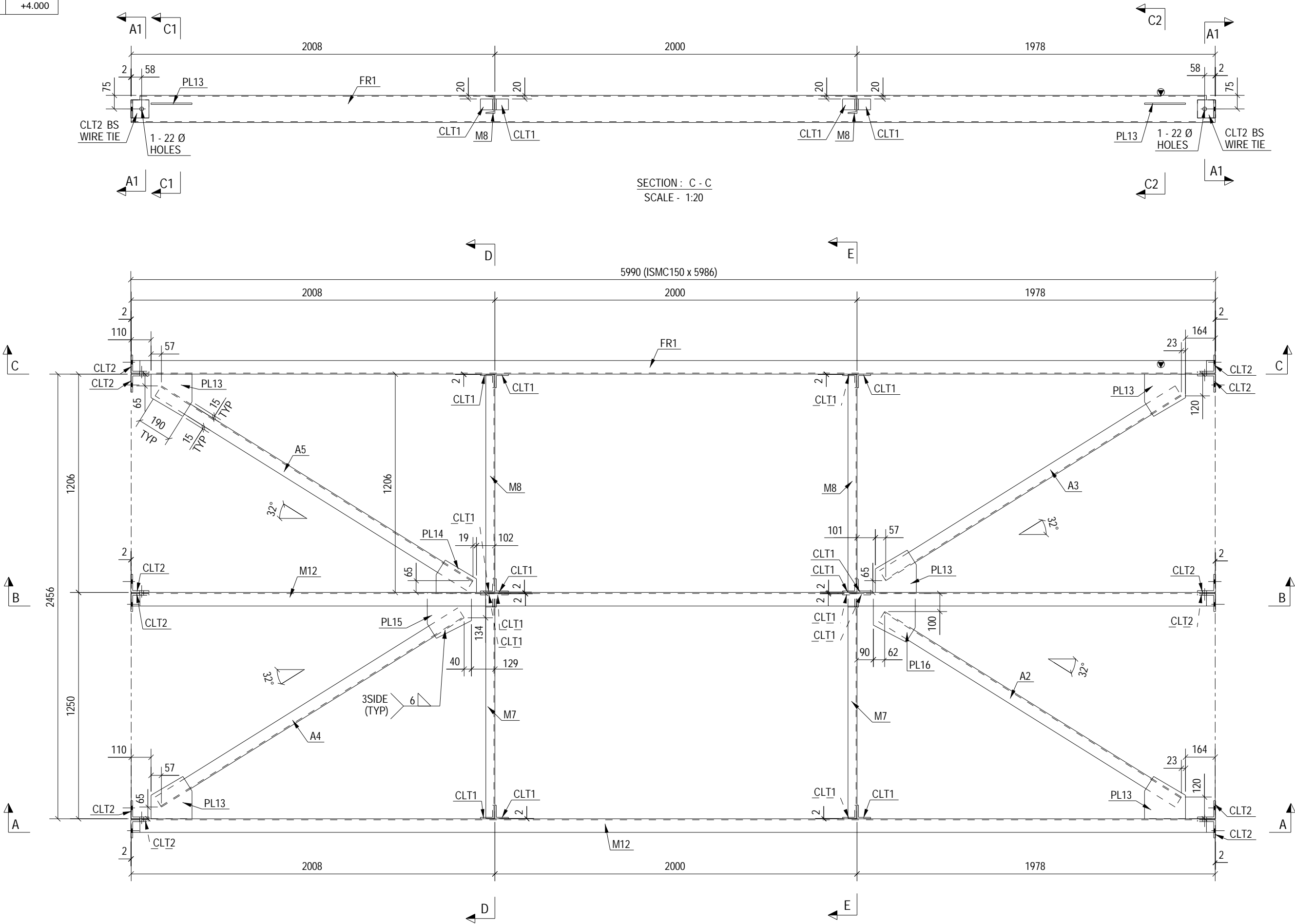


MARK NO.	GRID LOCATION	
FR1	1a/A-B	+4.000
FR1	1a/C-D	+4.000
FR1	1a/D-E	+4.000
FR1	1a/E-F	+4.000
FR1	1a/F-G	+4.000

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

BILL OF MATERIALS		ASSEMBLY MKD : FR1			ASSY QTY : 5			
Item Mark	Qty / Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR1	1	ISMC150	16.80	5986	100.09	5	500.47	IS2062
A2	1	ISA65X65X6	5.80	1932	11.29	5	56.43	IS2062
A3	1	ISA65X65X6	5.80	1925	11.25	5	56.23	IS2062
A4	1	ISA65X65X6	5.80	1971	11.51	5	57.57	IS2062
A5	1	ISA65X65X6	5.80	2029	11.85	5	59.26	IS2062
CLT1	16	ISA75X75X8	8.90	60	0.54	80	42.96	IS2062
CLT2	12	ISA100X100X10	14.90	100	1.49	60	89.49	IS2062
M7	2	ISMC100	9.56	1240	11.88	10	118.78	IS2062
M8	2	ISMC100	9.56	1202	11.51	10	115.08	IS2062
M12	2	ISMC150	16.80	5986	100.09	10	1000.94	IS2062
PL13	5	PL8*226	62.80	234	3.32	25	82.97	IS2062
PL14	1	PL8*179	62.80	223	2.50	5	12.49	IS2062
PL15	1	PL8*244	62.80	248	3.80	5	18.98	IS2062
PL16	1	PL8*231	62.80	269	3.90	5	19.52	IS2062
Total							2231.16	



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

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 FR1		SHEET No:- 1 OF 1	
DESIGN CONSULTANT		TATA CONSULTING ENGINEERS LIMITED		JOB No:- -	
APPROVED BY		TATA CONSULTING ENGINEERS LIMITED		SCALE:- AS SHOWN	
DRAWING No		TCE-13282A-CV-3066-ST-31020-ASS-FR1		REV. No:- 0	
				A1	