

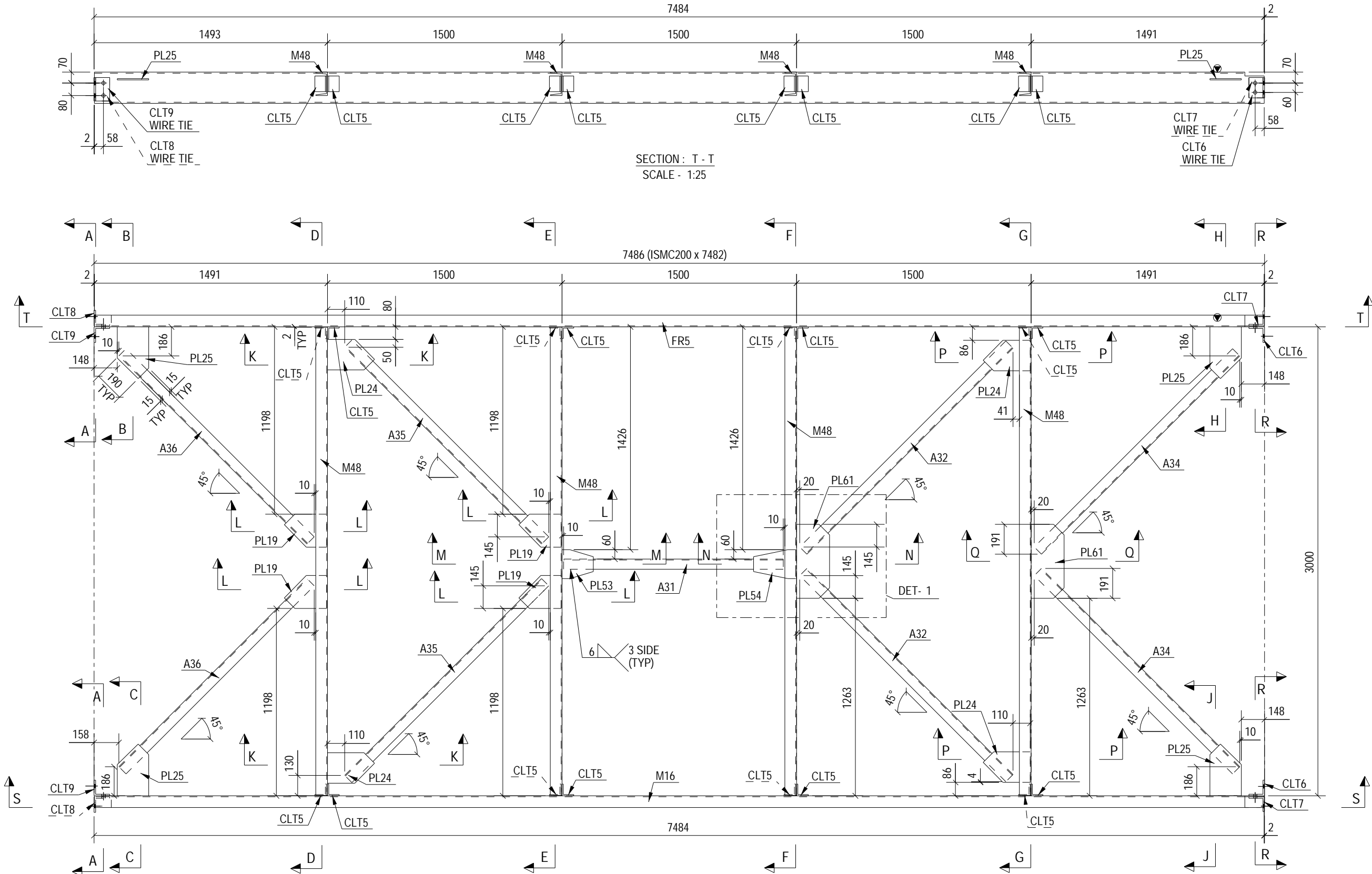
MARK NO.	GRID LOCATION	
FR5	7-E/A2	+8.700

BOLT LIST FOR ASSEMBLY MKD'			FR5
Dia.	Grade	Length(mm)	No.
M 20	8.8XOX	55	4
M 20	8.8XOX	65	16

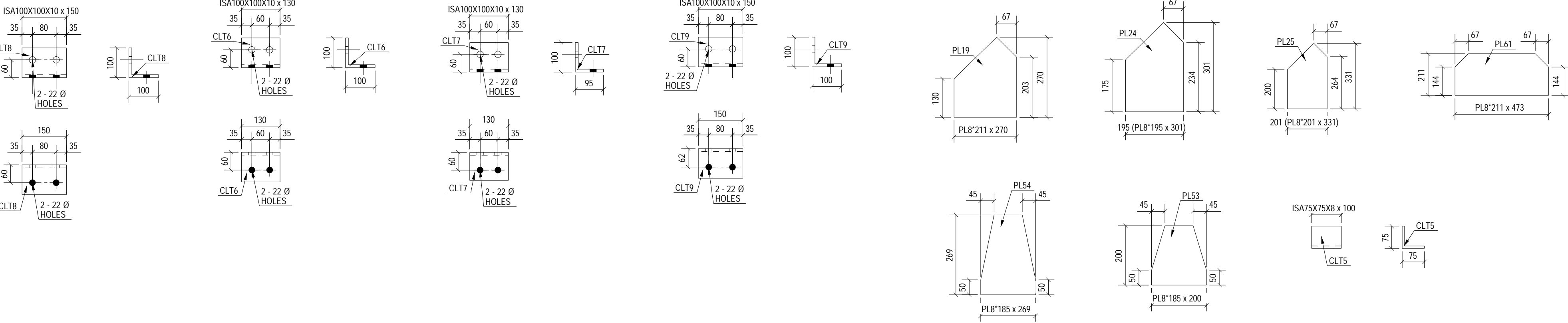
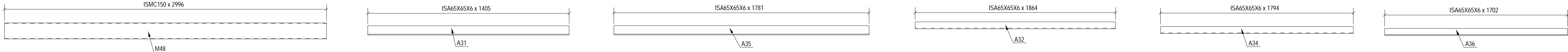
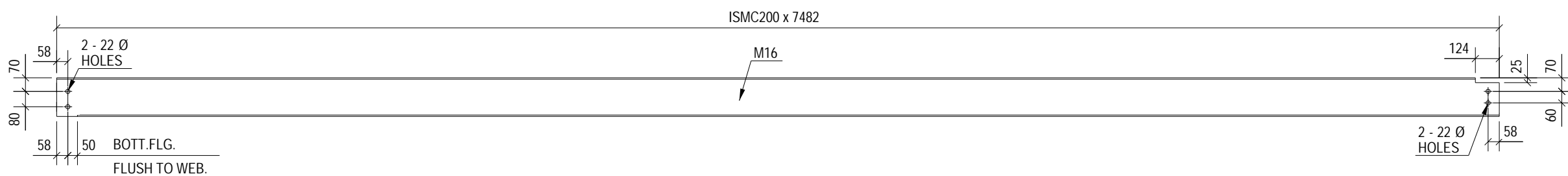
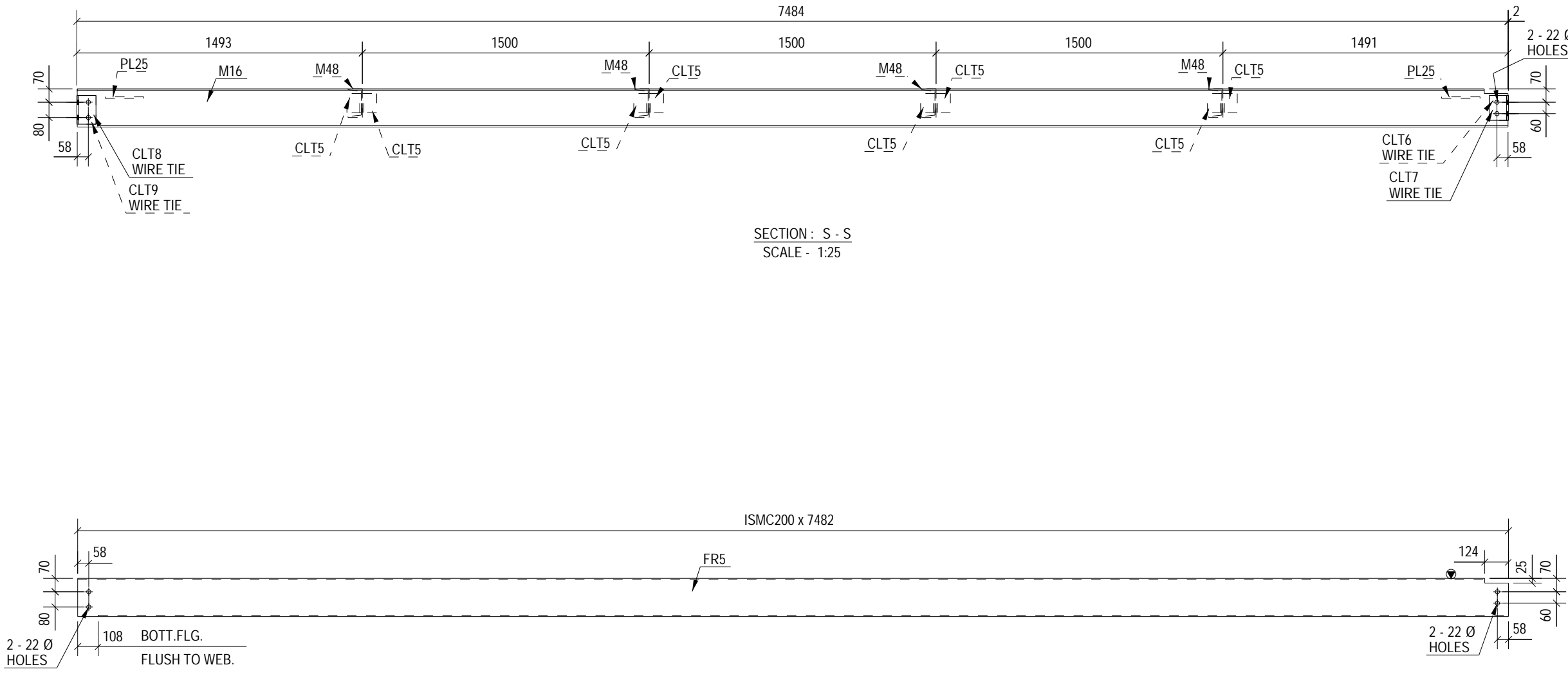
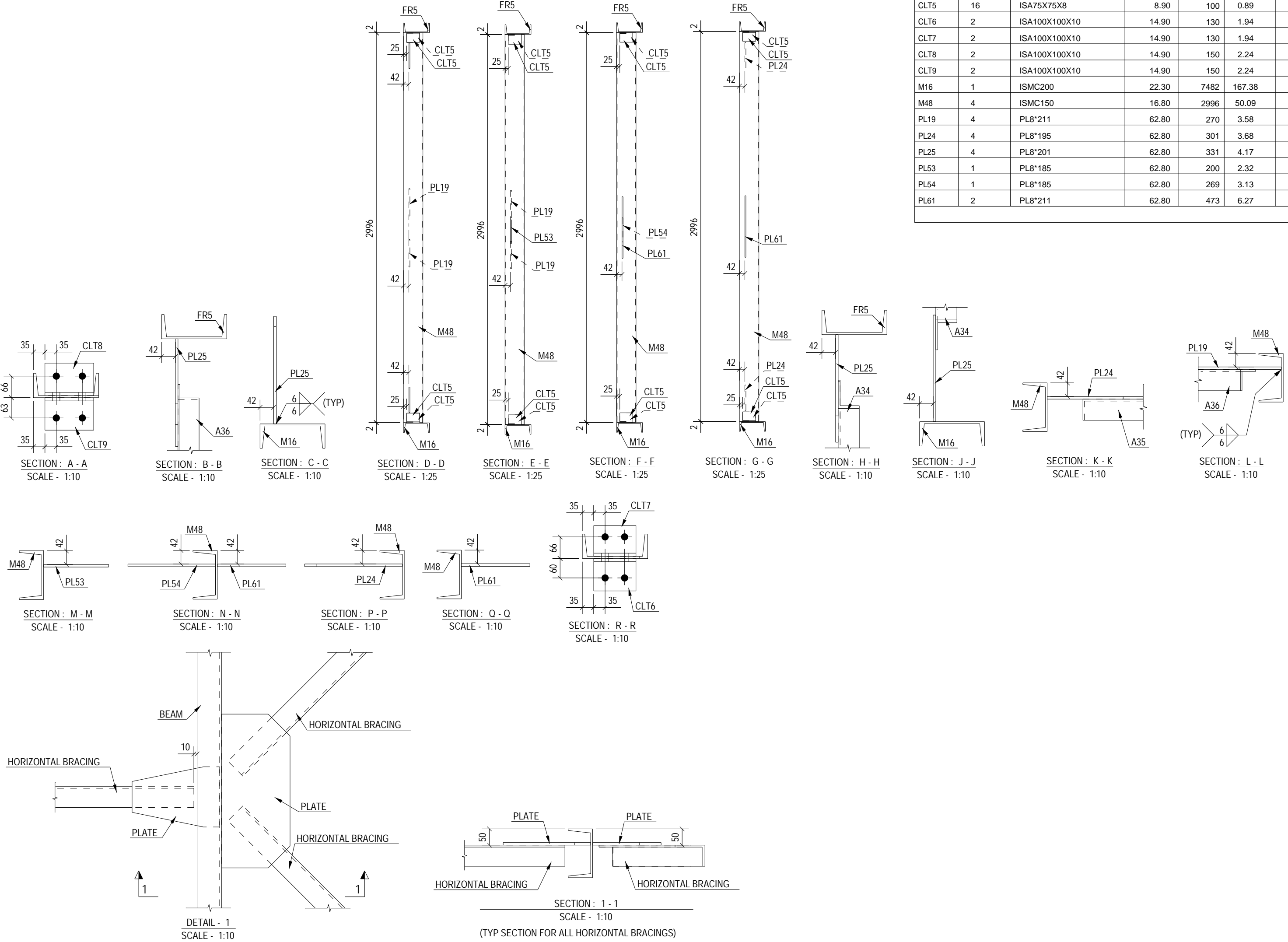
### BILL OF MATERIALS

ASSEMBLY MKD : FR5  
ASSY QTY : 1




Item Mark	Qty / Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR5	1	ISMC200	22.30	7482	167.38	1	167.38	IS2062
A31	1	ISA65X65X6	5.80	1405	8.21	1	8.21	IS2062
A32	2	ISA65X65X6	5.80	1864	10.89	2	21.78	IS2062
A34	2	ISA65X65X6	5.80	1794	10.48	2	20.95	IS2062
A35	2	ISA65X65X6	5.80	1781	10.40	2	20.80	IS2062
A36	2	ISA65X65X6	5.80	1702	9.94	2	19.88	IS2062
CLT5	16	ISA75X75X8	8.90	100	0.89	16	14.32	IS2062
CLT6	2	ISA100X100X10	14.90	130	1.94	2	3.88	IS2062
CLT7	2	ISA100X100X10	14.90	130	1.94	2	3.88	IS2062
CLT8	2	ISA100X100X10	14.90	150	2.24	2	4.47	IS2062
CLT9	2	ISA100X100X10	14.90	150	2.24	2	4.47	IS2062
M16	1	ISMC200	22.30	7482	167.38	1	167.38	IS2062
M48	4	ISMC150	16.80	2996	50.09	4	200.38	IS2062
PL19	4	PL8*211	62.80	270	3.58	4	14.31	IS2062
PL24	4	PL8*195	62.80	301	3.68	4	14.73	IS2062
PL25	4	PL8*201	62.80	331	4.17	4	16.70	IS2062
PL53	1	PL8*185	62.80	200	2.32	1	2.32	IS2062
PL54	1	PL8*185	62.80	269	3.13	1	3.13	IS2062
PL61	2	PL8*211	62.80	473	6.27	2	12.53	IS2062
Total							721.51	



(ALL HORIZONTAL BRACINGS ARE 50mm DOWN FROM TOS)



1 REQ'D AS DRAWN MARKED No. FR5

1	0	ISSUED FOR FABRICATION		YW	AS	21.12.2024
No	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		
PROJECT NAME		PIPERACK SECTION B				
DRAWING TITLE		ASSEMBLY DRAWING OF FR5		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-31002-ASS-FR5		REV. No:- 0		