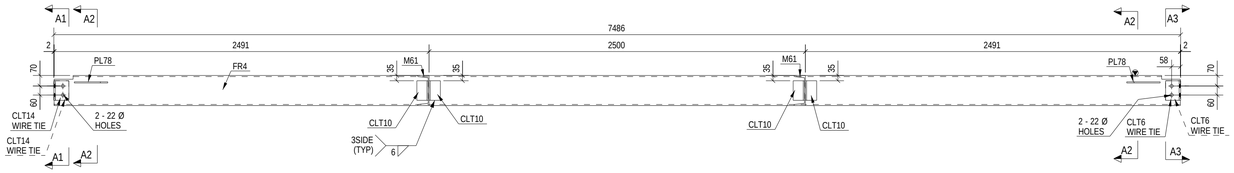
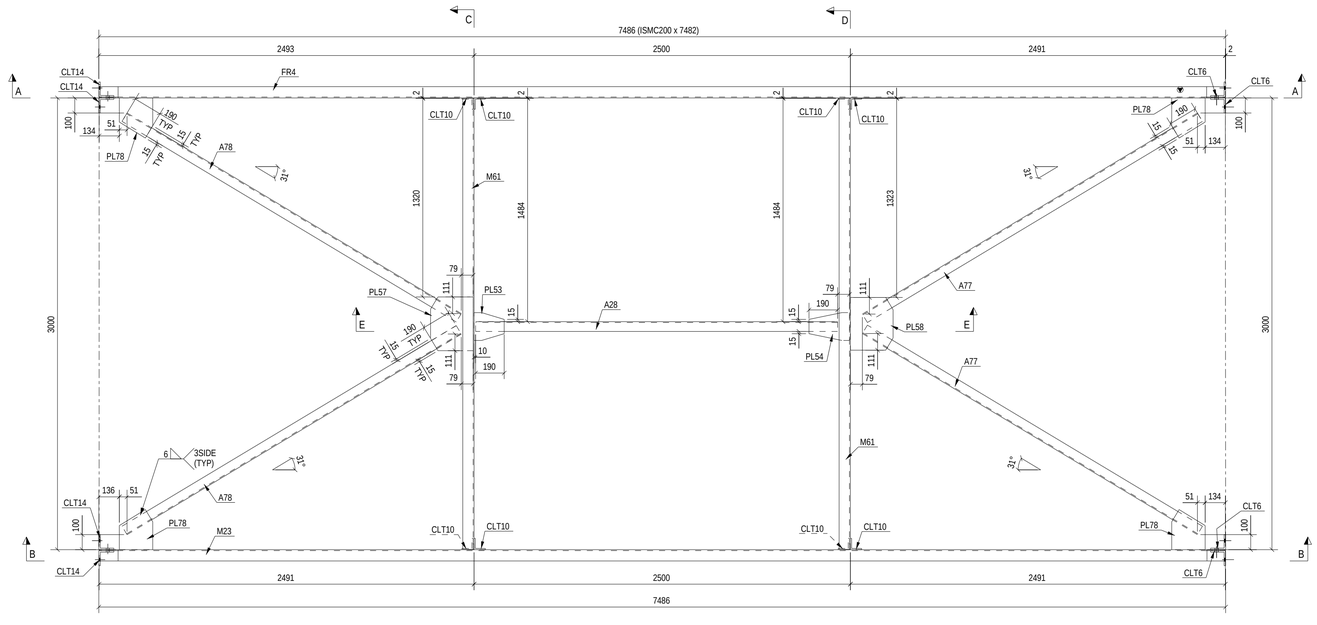
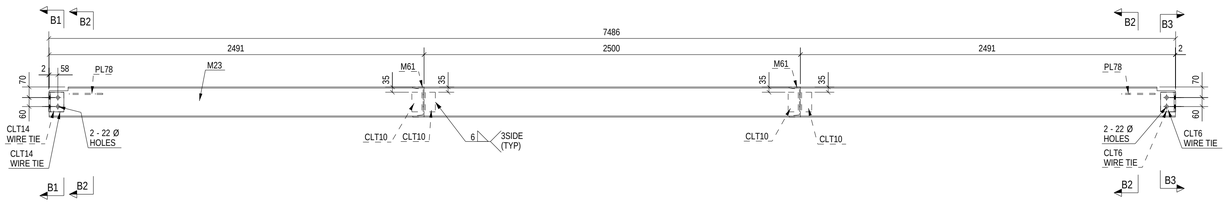
MARK NO.	GRID LOCATION	
FR4	7-6/A2	+7.700

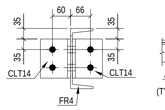


SECTION : A - A
SCALE - 1:20

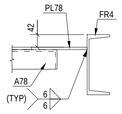




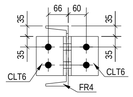
SECTION : B - B
SCALE - 1:20



SECTION : A1 - A1
SCALE - 1:10



SECTION : A2 - A2
SCALE - 1:10



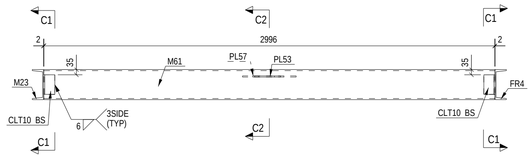
SECTION : A3 - A3
SCALE - 1:10

BOLT LIST FOR ASSEMBLY MK'D' FR4				
Dia.	Grade	Length(mm)	No.	
M 20	8.8XOX	55	12	
M 20	8.8XOX	65	8	

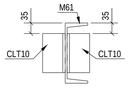
BILL OF MATERIALS

ASSEMBLY MK'D : FR4 ASSY QTY : 1

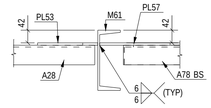
Item Mark	Qty./ Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR4	1	ISMC200	22.30	7482	167.38	1	167.38	IS2062
A28	1	ISA65X65X6	5.80	2405	14.05	1	14.05	IS2062
A77	2	ISA65X65X6	5.80	2596	15.16	2	30.32	IS2062
A78	2	ISA65X65X6	5.80	2589	15.12	2	30.25	IS2062
CLT6	4	ISA100X100X10	14.90	130	1.94	4	7.76	IS2062
CLT10	8	ISA75X75X8	8.90	130	1.16	8	9.31	IS2062
CLT14	4	ISA100X100X10	14.90	130	1.94	4	7.76	IS2062
M23	1	ISMC200	22.30	7482	167.38	1	167.38	IS2062
M61	2	ISMC200	22.30	2996	67.03	2	134.06	IS2062
PL53	1	PL8*185	62.80	200	2.32	1	2.32	IS2062
PL54	1	PL8*185	62.80	269	3.12	1	3.12	IS2062
PL57	1	PL8*283	62.80	357	6.34	1	6.34	IS2062
PL58	1	PL8*284	62.80	350	6.24	1	6.24	IS2062
PL78	4	PL8*222	62.80	266	3.71	4	14.86	IS2062
						Total	601.14	



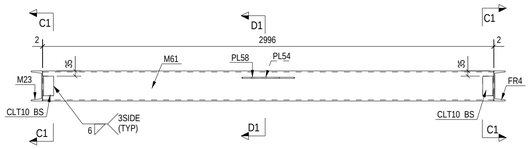
SECTION : C - C
SCALE - 1:20



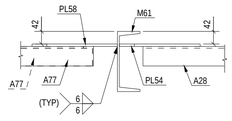
SECTION : C1 - C1
SCALE - 1:10



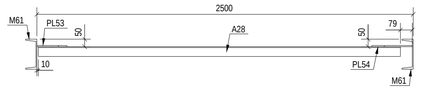
SECTION : C2 - C2
SCALE - 1:10



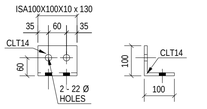
SECTION : D - D
SCALE - 1:20

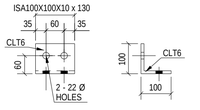


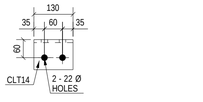
SECTION : D1 - D1
SCALE - 1:10

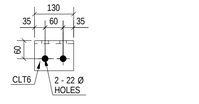


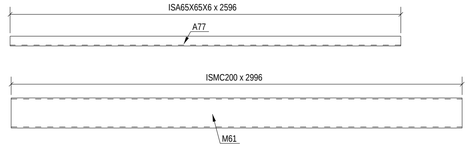
SECTION : E - E
SCALE - 1:20

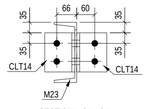




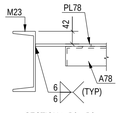








SECTION : B1 - B1
SCALE - 1:10



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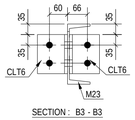
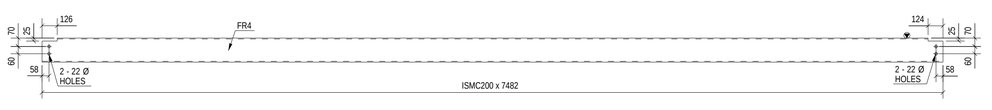
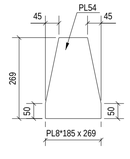
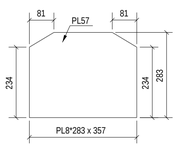
SCALE - 1:10

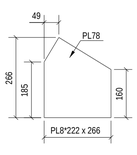


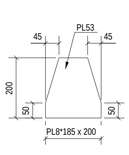
SECTION : B3 - B3
SCALE - 1:10

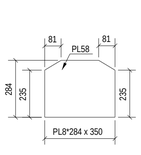


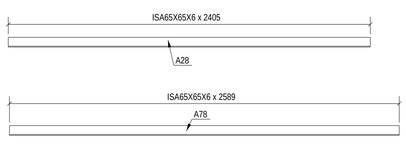












1 REQ'D AS DRAWN MARKED No. FR4

No	REV MARK	REVISION DESCRIPTION	DRAWN BY	CHKD BY	REV. DATE
1	0	ISSUED FOR FABRICATION	YW	AS	21.12.2024

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 FR4	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-FR4	REV. No:- 0	