




MARK NO.	GRID LOCATION	
FR26	1A-1B/A3'-A3	+11.425

BOLT LIST FOR ASSEMBLY MKD'			FR26	
Dia.	Grade	Length(mm)	No.	
M 20	8.8XOX	55	30	
M 20	8.8XOX	60	12	

BILL OF MATERIALS		ASSEMBLY MK'D : FR26			ASSY QTY : 1			
Item Mark	Qty./ Assembly	Profile Size	Wt./Meter	Length (mm)	Wt./Item	Total Qty.	Total Wt. (Kg)	Material
FR26	1	ISM C150	16.80	2989	49.98	1	49.98	IS2062
A5	1	ISA65X65X6	5.80	1796	10.49	1	10.49	IS2062
A6	1	ISA65X65X6	5.80	1789	10.45	1	10.45	IS2062
A12	3	ISA65X65X6	5.80	1719	10.04	3	30.12	IS2062
A13	3	ISA65X65X6	5.80	1727	10.08	3	30.25	IS2062
A18	4	ISA65X65X6	5.80	1320	7.71	4	30.83	IS2062
A20	4	ISA65X65X6	5.80	1850	10.80	4	43.21	IS2062
A21	4	ISA65X65X6	5.80	1363	7.96	4	31.84	IS2062
A22	4	ISA65X65X6	5.80	2141	12.50	4	50.02	IS2062
A25	4	ISA65X65X6	5.80	1790	10.45	4	41.81	IS2062
CLT5	40	ISA75X75X8	8.90	100	0.89	40	35.80	IS2062
CLT10	8	ISA75X75X8	8.90	130	1.16	8	9.31	IS2062
CLT12	4	ISA100X100X10	14.90	160	2.39	4	9.55	IS2062
CLT17	20	ISA90X90X8	10.80	100	1.08	20	21.67	IS2062
M35	1	ISMB250	37.30	7415	276.49	1	276.49	IS2062
M37	1	ISMB250	37.30	1466	54.66	1	54.66	IS2062
M63	4	ISMB150	15.00	1360	20.40	4	81.59	IS2062
M85	4	ISMB150	15.00	2746	41.17	4	164.69	IS2062
M87	1	ISMB250	37.30	1466	54.66	1	54.66	IS2062
M88	1	ISMB250	37.30	7425	276.66	1	276.66	IS2062
M71	3	ISM C150	16.80	1360	22.75	3	68.24	IS2062
M72	3	ISM C150	16.80	1360	22.75	3	68.24	IS2062
M76	2	ISM B200	24.20	2746	66.39	2	132.79	IS2062
PL15	26	PL8*85	62.80	100	0.53	26	13.88	IS2062
PL17	2	PL10*145	78.50	270	3.07	2	6.15	IS2062
PL18	2	PL10*271	78.50	282	6.00	2	12.00	IS2062
PL20	3	PL8*251	62.80	553	8.72	3	26.15	IS2062
PL23	1	PL8*201	62.80	448	5.65	1	5.65	IS2062
PL64	1	PL8*198	62.80	341	4.24	1	4.24	IS2062
PL79	1	PL8*198	62.80	341	4.24	1	4.24	IS2062
PL83	3	PL8*198	62.80	341	4.24	3	12.72	IS2062
PL84	3	PL8*198	62.80	341	4.24	3	12.72	IS2062
PL94	1	PL8*193	62.80	215	2.61	1	2.61	IS2062
PL95	1	PL8*194	62.80	236	2.88	1	2.88	IS2062
PL96	2	PL8*194	62.80	224	2.73	2	5.46	IS2062
PL99	2	PL8*209	62.80	273	3.60	2	7.19	IS2062
PL100	2	PL8*198	62.80	213	2.66	2	5.31	IS2062
PL101	2	PL8*183	62.80	221	2.54	2	5.08	IS2062
PL102	2	PL8*182	62.80	351	4.00	2	8.01	IS2062
PL103	2	PL8*192	62.80	216	2.60	2	5.20	IS2062
PL104	2	PL8*193	62.80	295	3.58	2	7.17	IS2062
PL105	1	PL8*192	62.80	216	2.60	1	2.60	IS2062
PL106	1	PL8*192	62.80	216	2.60	1	2.60	IS2062
PL107	1	PL8*193	62.80	215	2.61	1	2.61	IS2062
PL108	1	PL8*194	62.80	236	2.88	1	2.88	IS2062
PL110	2	PLT10*132	78.50	234	2.41	2	4.83	IS2062
PL112	4	PLT10*73	78.50	145	0.83	4	3.30	IS2062
PL114	12	PLT8*100	62.80	150	0.94	12	11.30	IS2062
PL115	4	PLT8*150	62.80	192	1.81	4	7.23	IS2062
Total							1767.52	

1	0	ISSUED FOR FABRICATION	RT	SP	27.01.2025
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 VADODRA	
PROJECT NAME		PIPERACK SECTION B			
DRAWING TITLE		ASSEMBLY DRAWING OF FR26		SHEET No:- 2 OF 3	
DESIGN CONSULTANT		TATA CONSULTING ENGINEERS LIMITED		JOB No:- -	
APPROVED BY		TATA CONSULTING ENGINEERS LIMITED		SCALE:- AS SHOWN	
DRAWING No		TCE-13282A-CV-3066-ST-31002-ASS-FR26		SHT SIZE:- A1	
		REV. No:- 0			

1 REQ'D AS DRAWN MARKED No. FR26