



BILL OF MATERIALS ASSEMBLY MKD' : 3C14 ASSY QTY : 1					
MARK	DESCRIPTION	LENGTH (mm)	QTY. (Nos.)	SURFACE AREA (M ²)	NET WT PER ITEM (Kg) TOTAL WT (Kg)
M221	UC305X305X97	5534	1	10.08	536.07
PL1	PL16'500	500	1	0.53	31.40
PL36	PL12'146	250	1	0.06	2.37
PL172	PL25'270	1200	1	0.72	63.59
PL217	PL12'220	1000	1	0.47	20.72
PL218	PL3'220	550	2	0.49	2.85
PL219	PL10'270	650	2	0.74	13.78
WEIGHT FOR ONE ASSEMBLY : 687.41 Kg					

NOTES:

- 1) ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS.
- 2) DIMENSIONS SHALL NOT BE SCALED & ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
- 3) □ DENOTES SHOP MARK SHALL BE PROVIDED BY THE FABRICATOR ON FLANGE OR MEMBER/FACE OF PLATES ON EACH ASSEMBLY AS SHOWN ON THE SHOP DETAIL DRAWINGS, SAME IS TO BE REFERRED FOR ORIENTATION DURING ERECTION OF THE ASSEMBLY.
- 4) ALL SHOP WELDS SHALL BE 6mm CONTINUOUS FILLET WELD ALL AROUND & SITE WELDS SHALL BE 8mm (UNO).
- 5) THE CONTRACTOR SHALL BE VERIFY ALL DIMENSIONS & REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 6) ALL WORKMANSHIP SHALL BE ACCORDANCE WITH THE CURRENT EDITIONS OF ALL RELEVANT SPECIFICATION STANDARDS AND CODES OF PRACTICE.
- 7) ALL INDIAN STRUCTURE STEEL SECTION SHALL BE MILD STEEL GRADE Fe410WA CONFORMING TO IS2062-1992 WHERE AS ALL BRITISH STRUCTURAL STEEL SECTION SHALL CONFORM TO BS EN 10025 & SHALL BE GRADE S275JR FOR THICKNESS <40mm AND S275JD FOR THICKNESS >40mm.
- 8) STRUCTURAL STEEL SHALL BE SAND BLASTED & PAINTED.

R0	23.05.2025	ISSUED FOR CONSTRUCTION	JIC	KDM	RMB
REV. DATE		DESCRIPTION	PREP. BY	CHEC. BY	APP. BY
REVISION HISTORY					
QUANTA PROCESS SOLUTIONS PVT. LTD. www.quantaprocess.com					
CLIENT : GFCLIV Products Limited, DAHEJ, GUJARAT					
PROJECT: HH-3					
DETAILER:- SUNRISE ENGINEERING SOLUTIONS PVT. LTD. VADODARA, GUJARAT					
TITLE PROCESS PLANT BUILDING FABRICATION DRAWING DETAIL OF COLUMN MKD - 3C14					
PREP. :	JIC	CHECKED:	SCALE :		
REVIEWED :	KDM		DATE :	23.05.2025	
APPROVED :	RMB	PROJECT NO. : 1619	SHEET:		
DWG. NO.1619-CS-STR-504-FD-3C14 REV. R0					