

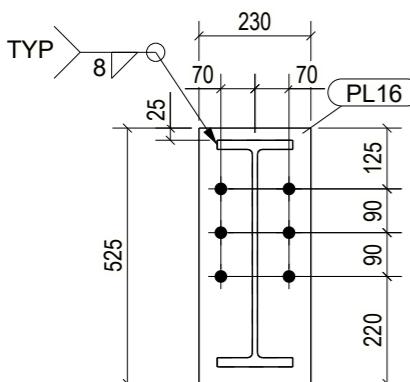
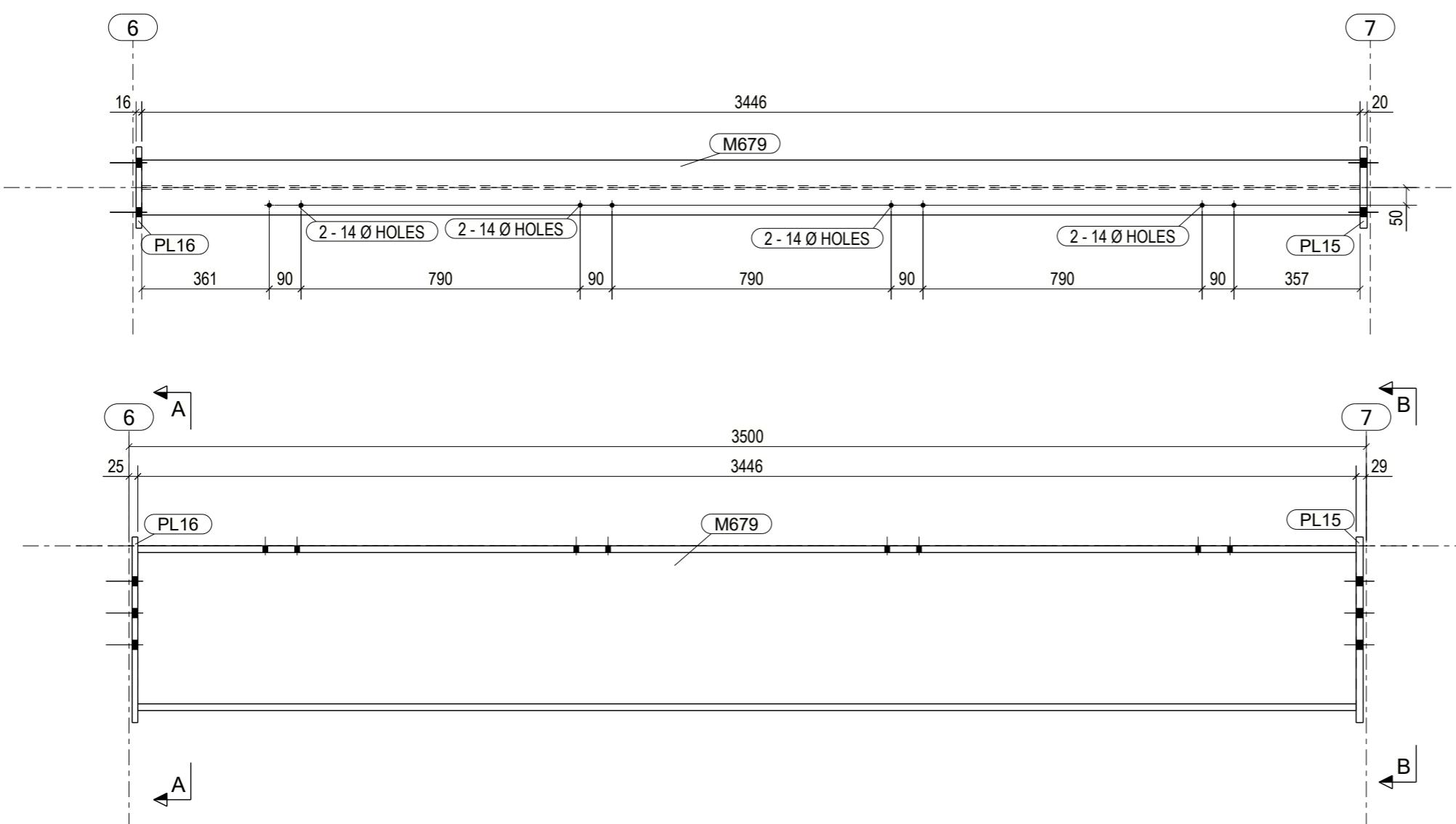
## BILL OF MATERIALS ASSEMBLY MKD' : 3MB2

ASSY QTY : 1

MARK	DESCRIPTION	LENGTH (mm)	QTY. (Nos.)	SURFACE AREA (M <sup>2</sup> )	NET WT PER ITEM (Kg)	TOTAL WT (Kg)	REMARKS
M679	UB457X152X82	3446	1	5.30	282.70	282.70	
PL15	PL20*230	525	1	0.27	18.96	18.96	
PL16	PL16*230	525	1	0.27	15.17	15.17	
WEIGHT FOR ONE ASSEMBLY :							316.82 Kg

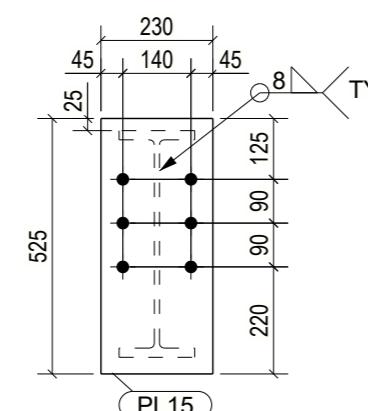
## BOLT LIST ASSEMBLY MKD' : 3MB2 ASSY QTY : 1

BOLT DIA	GRADE	LENGTH (mm)	QTY. Nos. TOTAL	QTY. Nos. TOTAL	TYPE
M 24	8.8XOX	70	6	6	Site
M 24	8.8XOX	90	6	6	Site



SECTION A - A

1:15



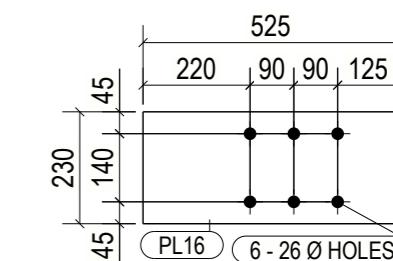
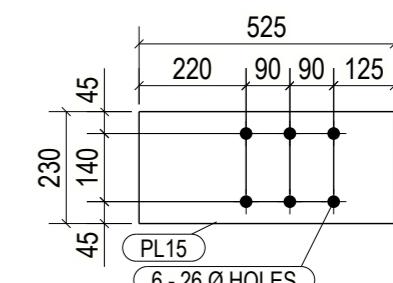
SECTION B - B

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ONE No. MAIN BEAM REQUIRED AS DRAWN MKD' 3MB2

## 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 OF 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	JJC	KDM	RMB
REV.	DATE	DESCRIPTION	PREP. BY	CHEC. BY	APP. BY	
<b>QUANTA PROCESS SOLUTIONS PVT. LTD.</b>						
www.quantaprocess.com						
CLIENT : GFCLEV Products Limited, DAHEJ, GUJARAT						
PROJECT: HH-3						
DETAILER:-						
SUNRISE ENGINEERING SOLUTIONS PVT. LTD.						
VADODARA, GUJARAT						
TITLE PROCESS PLANT BUILDING FABRICATION DRAWING						
DETAIL OF MAIN BEAM MKD - 3MB2						
PREP.:	JJC	CHECKED:	SCALE :			
REVIEWED:	KDM		DATE :	23.05.2025		
APPROVED:	RMB	PROJECT NO.:- 1619	SHEET:			
DWG. NO.1619-CS-STR-504-FD-3MB2						REV. R0