

**BILL OF MATERIALS**

ASSEMBLY MKD' : 3SB77

ASSY QTY : 8

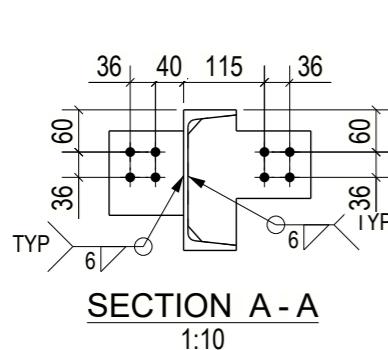
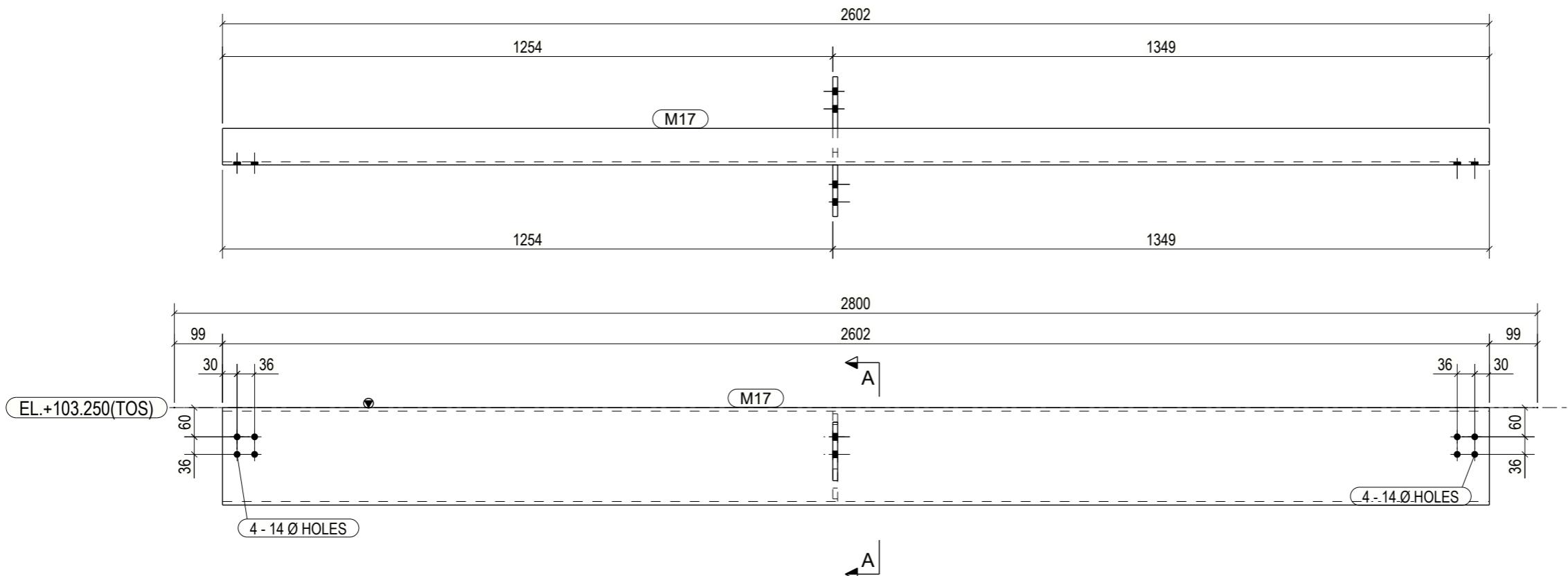
MARK	DESCRIPTION	LENGTH (mm)	QTY. (Nos.)	SURFACE AREA (M <sup>2</sup> )	NET WT PER ITEM (Kg)	TOTAL WT (Kg)	REMARKS
M17	ISMC200	2602	1	1.76	58.22	58.22	
PL140	PL10*175	185	1	0.05	1.73	1.73	
PL141	PL10*106	120	1	0.03	1.00	1.00	
WEIGHT FOR ONE ASSEMBLY :							60.95 Kg

**BOLT LIST**

ASSEMBLY MKD' : 3SB77

ASSY QTY : 8

BOLT DIA	GRADE	LENGTH (mm)	QTY. Nos. TOTAL	QTY. Nos. TOTAL	TYPE
M 12	4.6XOX	35	64	64	Site



8 Nos. SECONDARY BEAM REQUIRED AS DRAWN MKD' 3SB77

**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

**QUANTA** PROCESS SOLUTIONS PVT. LTD.  
www.quantaprocess.com

CLIENT : GFCLV Products Limited,  
DAHEJ, GUJARAT

PROJECT: HH-3

DETAILER:- SUNRISE ENGINEERING SOLUTIONS PVT. LTD.  
VADODARA, GUJARAT

TITLE PROCESS PLANT BUILDING  
FABRICATION DRAWING  
DETAIL OF SECONDARY BEAM MKD - 3SB77

PREP.:	JJC	CHECKED:	SCALE:
REVIEWED:	KDM		DATE : 23.05.2025
APPROVED:	RMB	PROJECT NO.: 1619	SHEET:

DWG. NO.1619-CS-STR-504-FD-3SB77 REV. R0