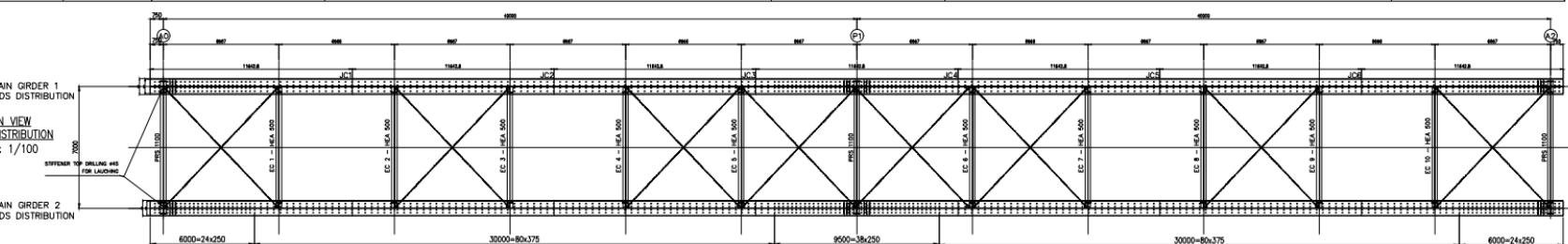


EL E V A T I O N M A I N G I R D E R 1 o r 2  
S T E E L D I S T R I B U T I O N

TOP FLANGE	Size	1164.2*800 ép : 35	1164.2*800 ép : 40	1164.2*800 ép : 45	1164.2*800 ép : 60	1164.2*800 ép : 45	1164.2*800 ép : 40	1164.2*800 ép : 35
	Steel garde	S355 N						
WEB	Size	1164.2*2130 ép : 16	1164.2*2130 ép : 16	1164.2*2130 ép : 16	1164.2*2080 ép : 18	1164.2*2110 ép : 16	1164.2*2130 ép : 16	1164.2*2130 ép : 16
	Steel garde	S355 K2+N						
BOTTOM FLANGE	Size	1164.2*800 ép : 35	1164.2*8900 ép : 40	1164.2*9000 ép : 45	1164.2*9000 ép : 60	1164.2*9000 ép : 45	1164.2*9000 ép : 40	1164.2*9000 ép : 35
	Steel garde	S355 N						
CROSS BEAM	Type	PRS	HEA 500					
	Division long.	750	6667	6667	6667	6667	6667	6667
WELDING JOINT	Division long.	10000		25750		10000	25750	10000
	J.Weld. head.	ø6mm		ø5.5mm		ø5.5mm	ø5.5mm	ø5.5mm



**EXECUTION CLASS:**

- Steel are issued from EC certified factory;
- EX4 for the metal sheets;
- EX3 for the steel profiles.

**STEEL GRADE AND QUALITY:**

Steel profiles S355K2+N (EN 10025-2).

**STEEL 555:**

355G2+N EN 10025-2;  
 355EBCB+N S355N (EN 10025-3);  
 e80mm: S355N (EN 10025-3).  
 Steel profiles: S355K2+N (EN 10025-2).

Studs S103 type as depicted in table 2 of the EN ISO 13918.

**NOTA:**  
 After the use of the precamber, the end of the main girder and the outer bearing supports are perpendicular. Moreover, the standard camber and the top flange of the main girder are perpendicular.

**FILLET WELDS:**  
 The effective thickness is 5 mm unless contraindicated. Fillet welds are continuous and all round.

**DRAWING:**  
 Dimensions and measurements are in millimeter.

Permission of Construction Signature:					
Supervisor's Representative: Imros Lackner					
 			EUROPEAN UNION DEVELOPMENT FUND		
<b>BANDAJUMA - LIBERIA BORDER ROAD AND BRIDGES</b> Financed by the 10th and 11th European Development Funds (EFD) WORKS CONTRACT No. 372-284					
LOT 1: CONSTRUCTION WORKS FOR THE IMPROVEMENT/CONSTRUCTION OF 3 BRIDGES LOCATED OVER THE SEWA, WAANJE AND MOA RIVERS					
Year of signature: <b>WAANJE RIVER BRIDGE STEEL DISTRIBUTION</b>			Supervisor's Representative Signature Number: <b>W-5100</b>		
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