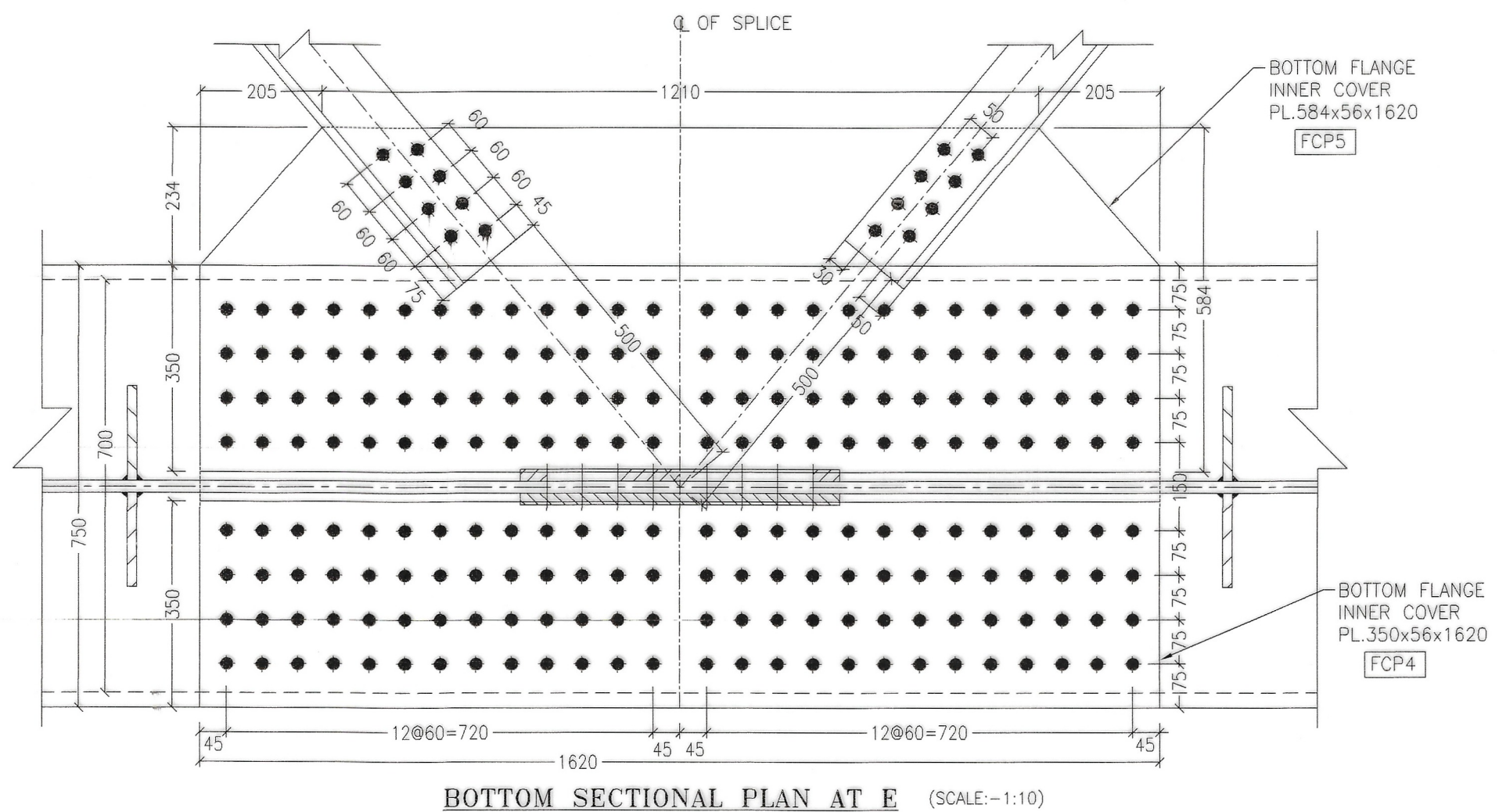
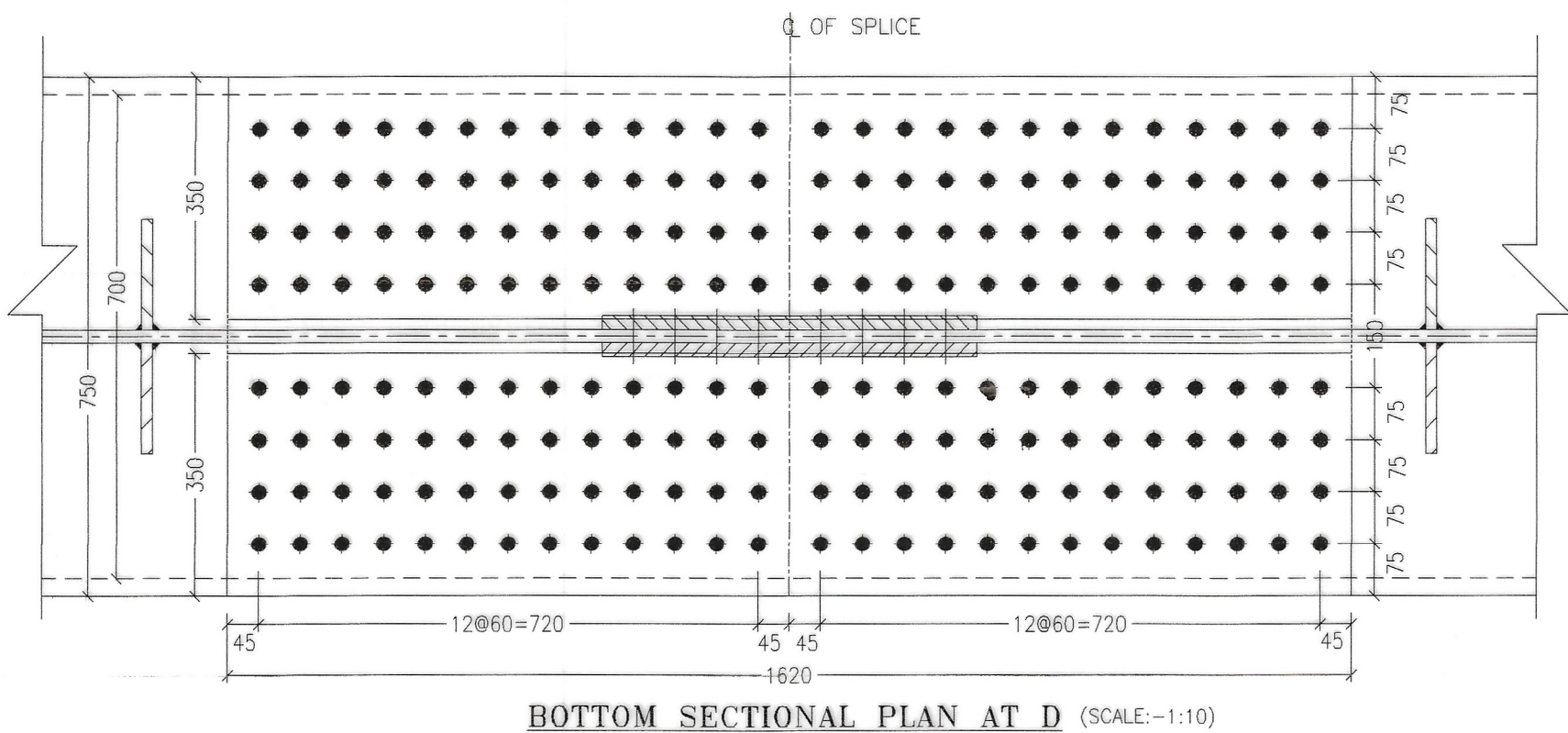
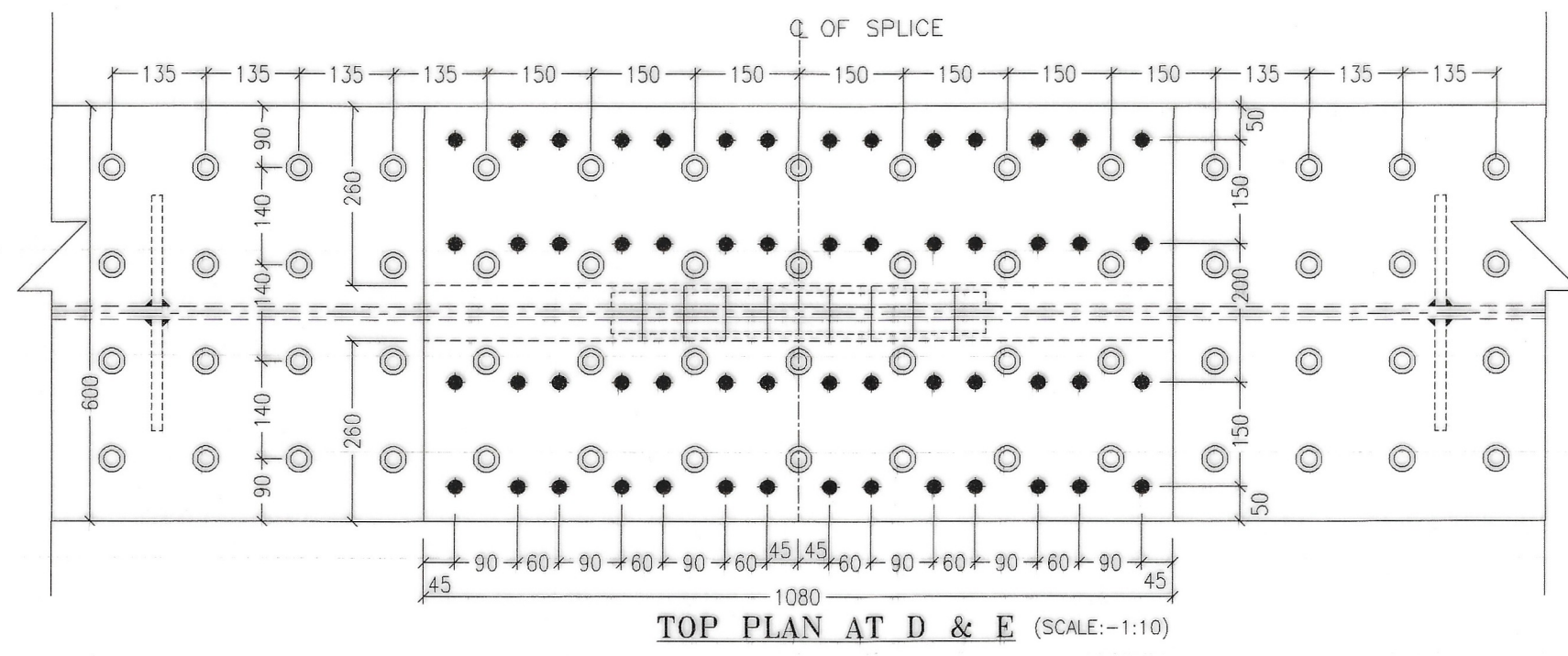
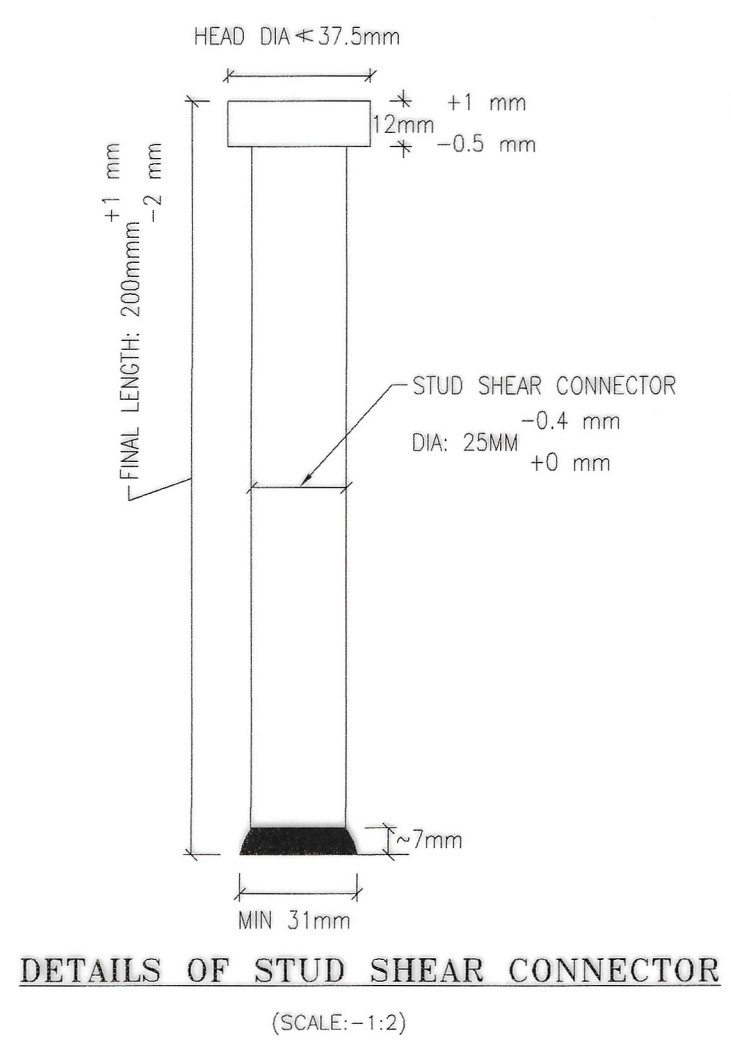
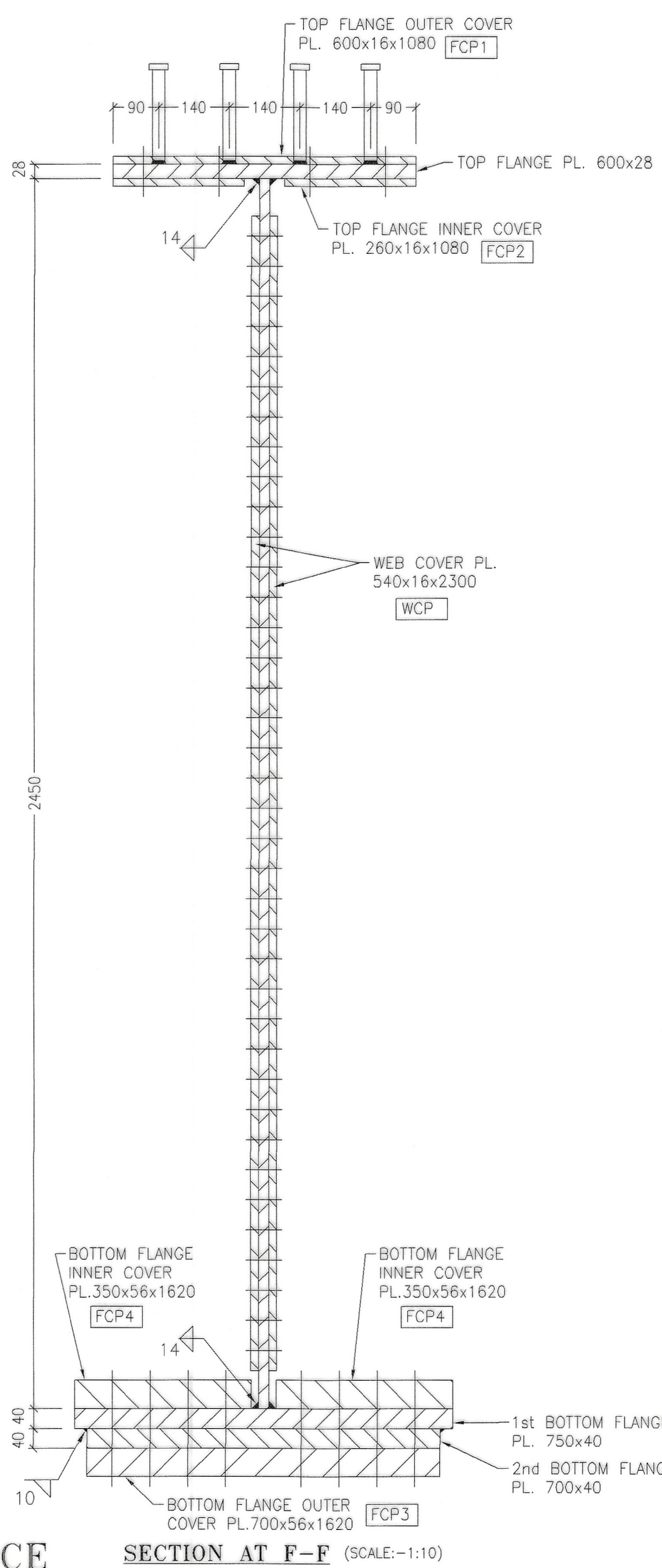
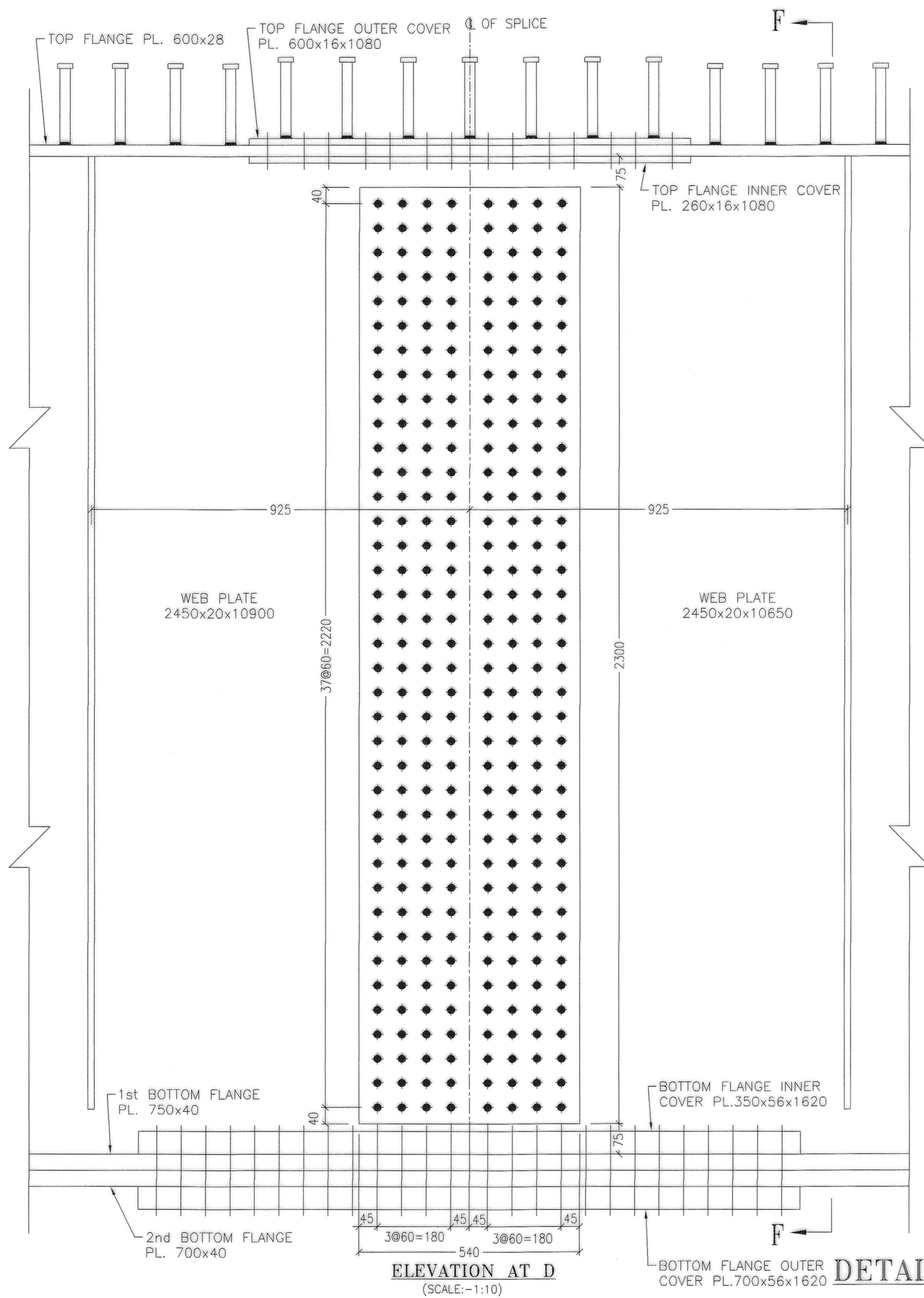


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Last modified by LENOVO / 11 Jun 2021
Filename: C:\Users\Lenovo\Desktop\RDSO-B-11754-R2 Series



DETAILS OF FLANGE SPLICE



11. THIS DRAWING IS DETAIL OF MAIN DRAWING NO. RDSO-B-11754/R2.
10. RDSO REPORT NO. BS-115 (LATEST VERSION) MAY BE REFERRED FOR THE DETAILS RELATED TO STUD SHEAR CONNECTORS. QUALITY ASSURANCE PROVISIONS RELATED TO MATERIAL, PROCESS/MACHINE, EXECUTION etc. RELATED TO STUD SHEAR CONNECTOR IS GIVEN IN THIS BS REPORT. THIS SHOULD BE FOLLOWED WHILE PROVIDING STUD SHEAR CONNECTOR ON GIRDER.
9. THE DIAMETER OF CERAMIC FERRULE D7 AS PER FIGURE 13/TABLE 18 OF BS EN ISO 13918 SHALL BE $26 \pm 0.5 \text{ mm}$
8. SHAPE OF TIP OF STUD SHEAR CONNECTORS MAY BE CHOSEN BY MANUFACTURER. THE STUD TIP SHALL BE SUPPLIED WITH FLUX IN THE FORM OF PRESS FITTED ALUMINUM BALL OR ALUMINUM SPRAY COATING.
7. MECHANICAL PROPERTIES OF STUD SHEAR CONNECTORS SHALL BE AS PER ISO 6892/BS EN ISO 13918-2008.
6. THE STUD SHEAR CONNECTOR AND CERAMIC FERRULES SHALL CONFORM TO TYPE SD1/UF AS PER BS EN ISO 13918-2008.
5. THE WELDING OF STUD SHEAR CONNECTORS SHALL BE DONE BY "DRAWN ARC STUD WELDING WITH CERAMIC FERRULE" TECHNIQUE.
4. THE STUD SHEAR CONNECTOR DESIGN IS BASED ON IS: 3935-1966.
3. WEB EDGES TO BE MACHINED AT SPLICE LOCATION.
2. ALL HOLES ARE 23.5 DIA. FOR 22 DIA. HSFG BOLTS OF PROPERTY CLASS 8.8.
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED. NO DIMENSION SHOULD BE SCALED FROM THIS DRAWING.

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R. D. S. O.

NAME OF PROJECT:
"25t LOADING 2008"
30.5M SPAN COMPOSITE WELDED GIRDER
(upto 4° curve)

SCALE:- AS SHOWN
ORIGINAL SIZE:- A1
DATE:- 16.06.2021

TITLE:
DETAILS OF SPLICE JOINT AND STUD SHEAR CONNECTOR

MAIN DRAWING NO.- RDSO/B-11754/R2
PROVISIONAL

DRAWING NO:- RDSO/B-11754/1R2

DESCRIPTION	SYMBOLS
HSFG BOLTS	
FILLET WELD (ONE SIDE)	
FILLET WELD (BOTH SIDE)	
STUD	

DESIGN REGISTER NO:- DD/2021/	DESIGNED BY:- UMA SHANKER (SSE/D/SB-II) <i>Uma Shanker</i>	DRAWN BY:- PANKAJ KUMAR SINHA (SSE/D/SB-II) <i>Pankaj Sinha</i>	SCRUTINISED & CHECKED BY:- <i>Sanjeev</i>	SCRUTINISED & RECOMMENDED BY:- <i>Atul Verma</i>	APPROVED BY:- <i>Rajesh Kumar</i>
AUTOCAD FILE NO:- RDSO/B-11754/R2	CHECKED BY:- ANEET KUMAR (JE/D/SB-II) <i>Aneet Kumar</i>	CHECKED BY:- UMA SHANKER (SSE/D/SB-II) <i>Uma Shanker</i>	SANDEEP AGARWAL (ADE/SB-II/B&S)	ATUL KUMAR VERMA (DBS/SB-II/B&S)	RAJESH KUMAR SRIVASTAVA (ED/B&S/STEEL)

S.N.	DESCRIPTION	(ADE/SB-II)	(DBS/SB-II)	(ED/B&S/STEEL)
4.				
3.				
2.				
1.				
ALTERATIONS				