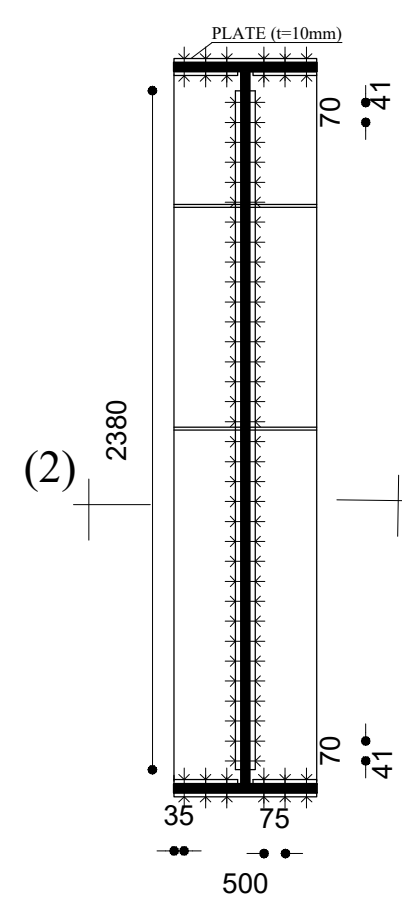
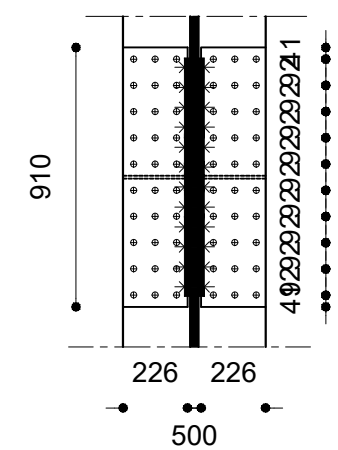


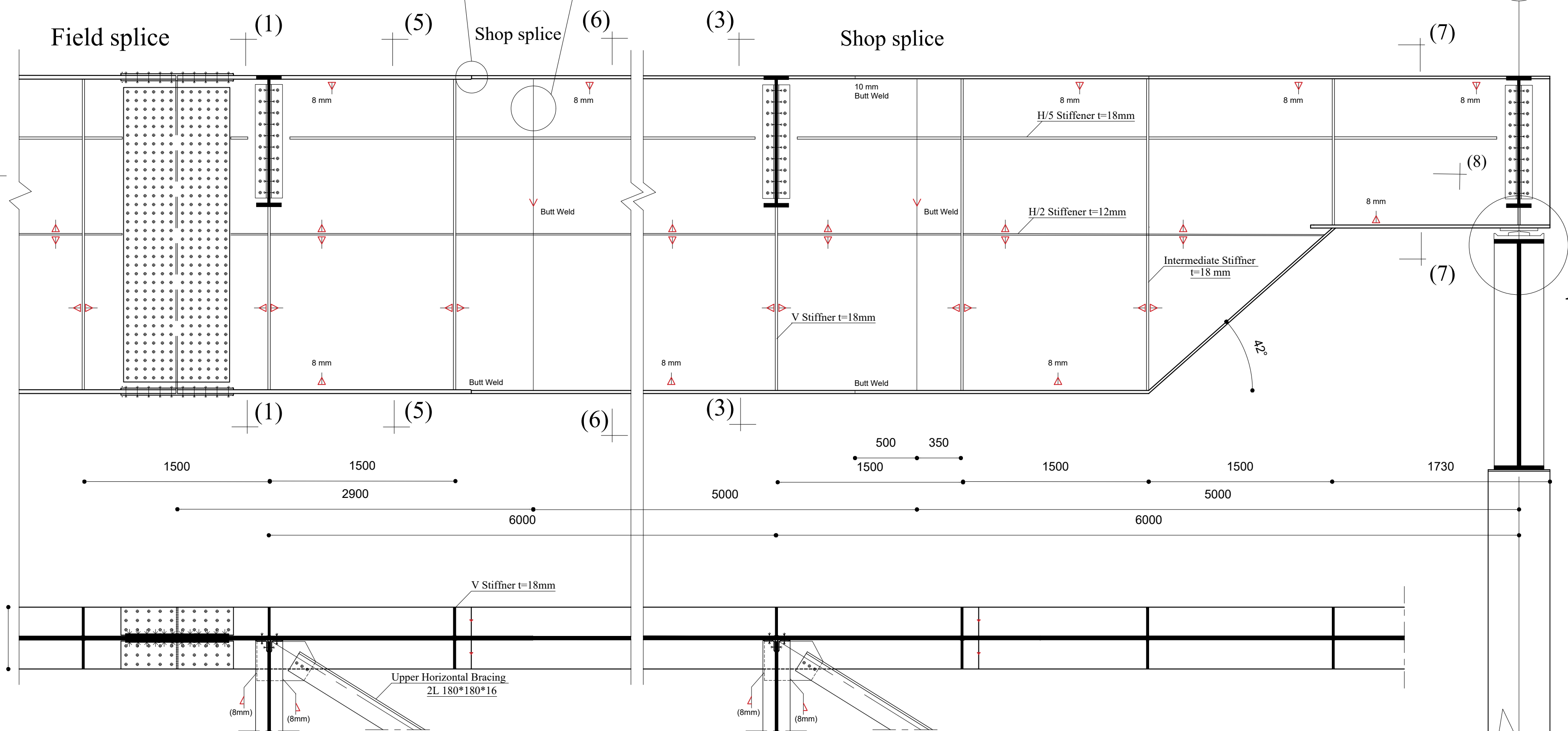
Edge = 40 mm
Pitch = 70 mm



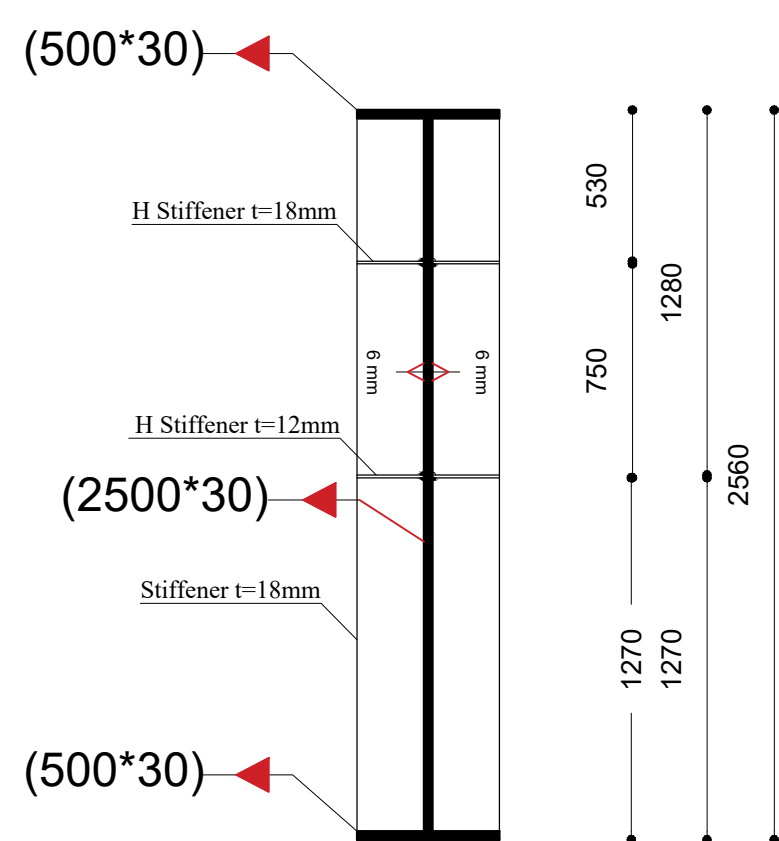
SECTION (1-1)



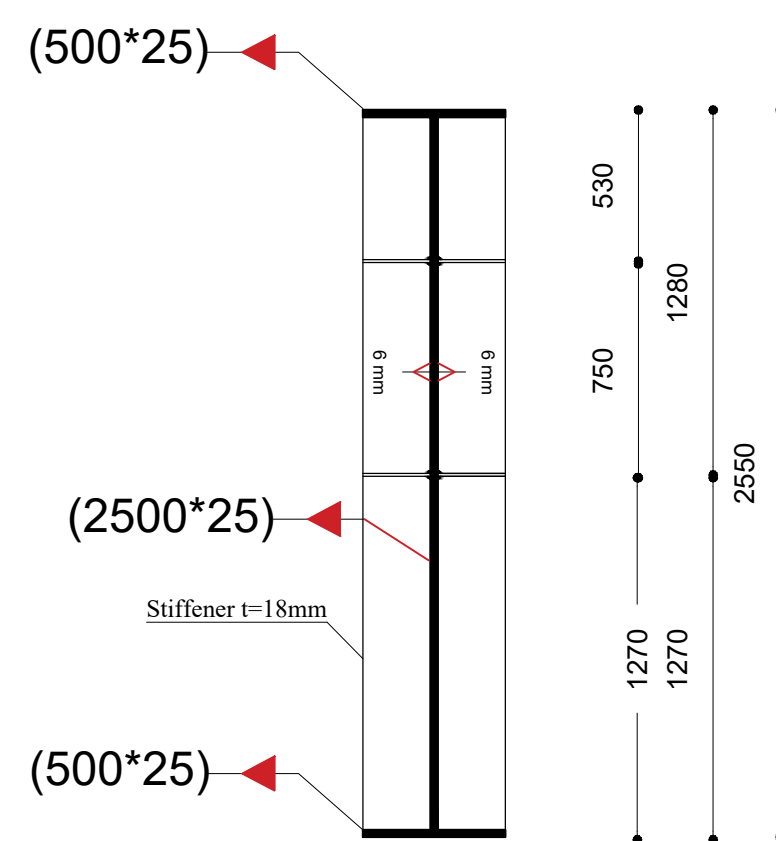
SECTION (2-2)



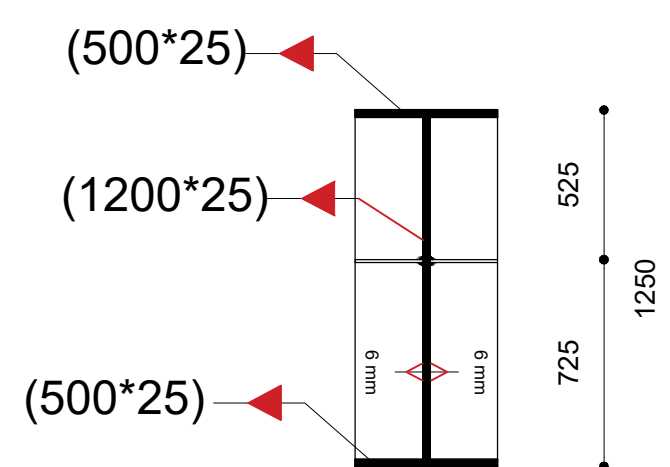
Plan SECTION (8-8)



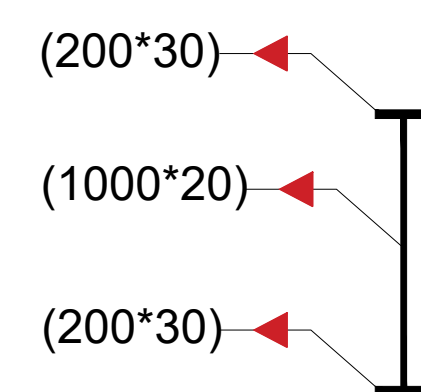
SECTION (5-5)



SECTION (6-6)

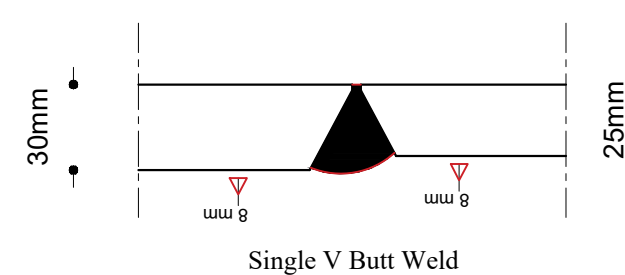


SECTION (7-7)

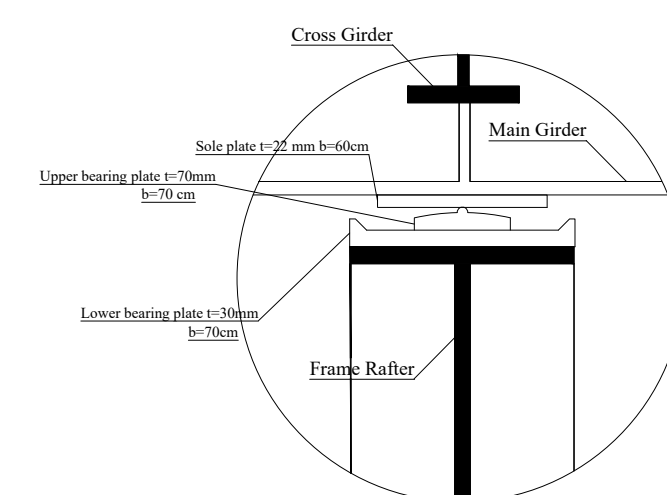
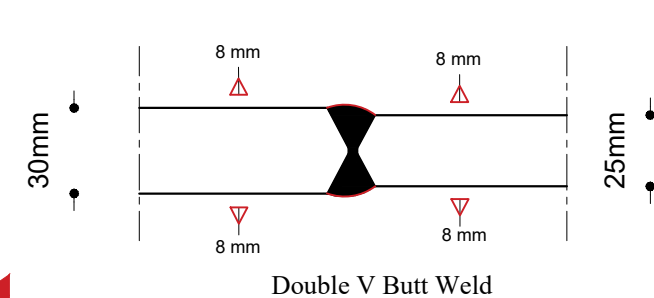


X.G Section

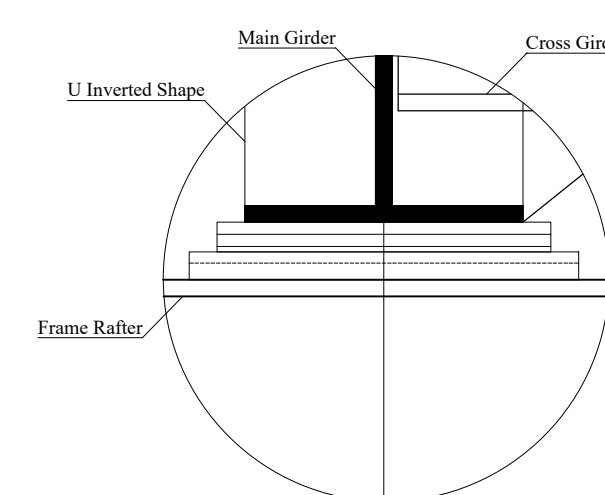
Flange curtailment



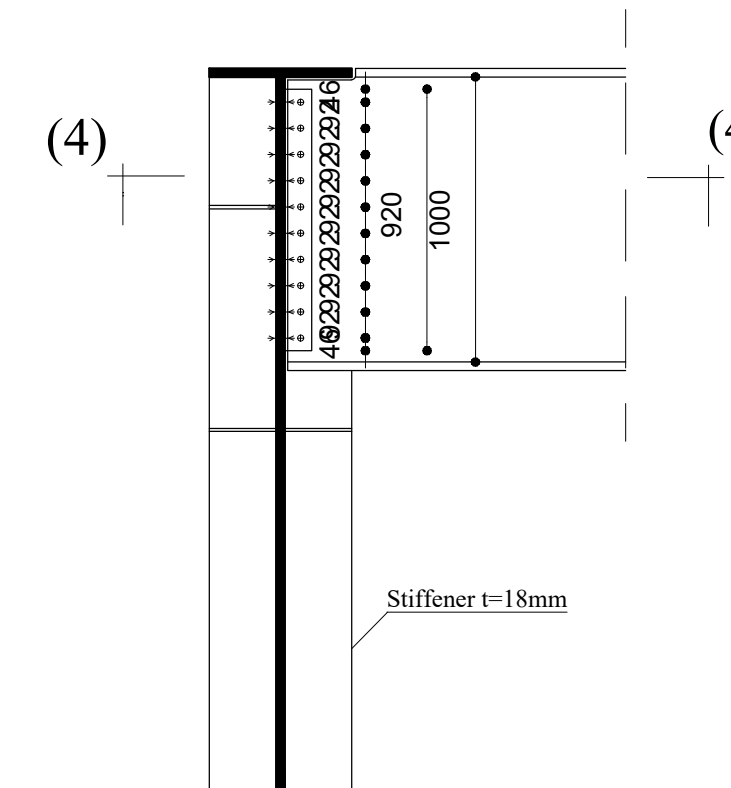
Web curtailment



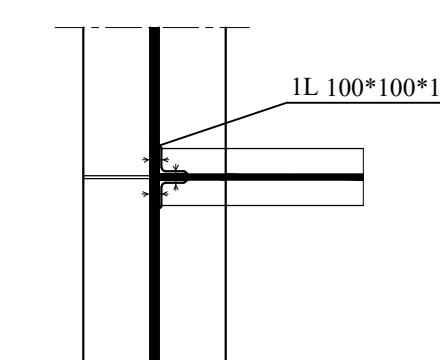
Detailed Support A
Elevation View



Detailed Support A
Side View



SECTION (3-3)

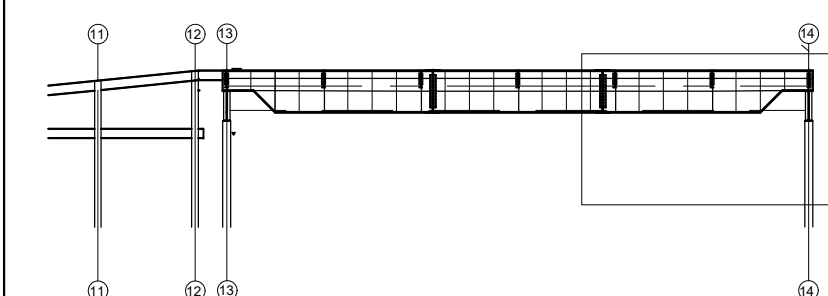


SECTION (4-4)

GENERAL NOTES

- 1) ALL DIM. AND AXES MUST BE CHECKED WITH ARCH DRAWINGS.
- 2) ALL DIMENSIONS ARE IN mm UNLESS INDICATED OTHERWISE.
- 3) STEEL USED ARE STRUCTURAL STEEL S2 with $F_u = 5.2 \text{ t/cm}^2$ and $F_y = 3.6 \text{ t/cm}^2$.
- 4) ALL DWGS. MUST BE REVISED BY THE EQUIPMENT SUPPLIER.
- 5) STRUCTURAL DESIGN FOR STEEL BUILDINGS IS IN ACCORDANCE WITH THE WORKING STRESS METHOD AS PER EGYPTIAN CODE OF PRACTICE FOR STEEL CONSTRUCTIONS AND BRIDGES.
- 6) ALL WELDS = 8mm OTHERWISE MENTIONED.
- 7) ALL STEEL ELEMENTS MUST BE BLASTED WITH SAND BEFORE PAINTING.
- 8) ALL STEEL ELEMENTS MUST BE PAINTED WITH TWO COATS OF PRIMER FOLLOWED BY TWO COATS OF FINAL PAINT WITH REQUIRED COLOR.
- 9) IN CASE OF ANY PROBLEMS KINDLY REFER TO THE DESIGNER.

KEY DRAWING :



PHAROS UNIVERSITY
FACULTY OF ENGINEERING
CONSTRUCTION ENG. & MANAGEMENT Department

STEEL PROJECT
(2022-2023)
ROADWAY STEEL BRIDGE

PREPARED BY/

AHMED YASSER
MAHMOUD GAMAL
MOHAMED ABDALLAH

DRAWING TITLE Right Part of Deck bridge

DRAWING NO. 4 SCALE 1: 25

Supervised BY/

Dr. MOHAMED EL-GHANDOUR

Eng. Ahmed Abd-El Nasser