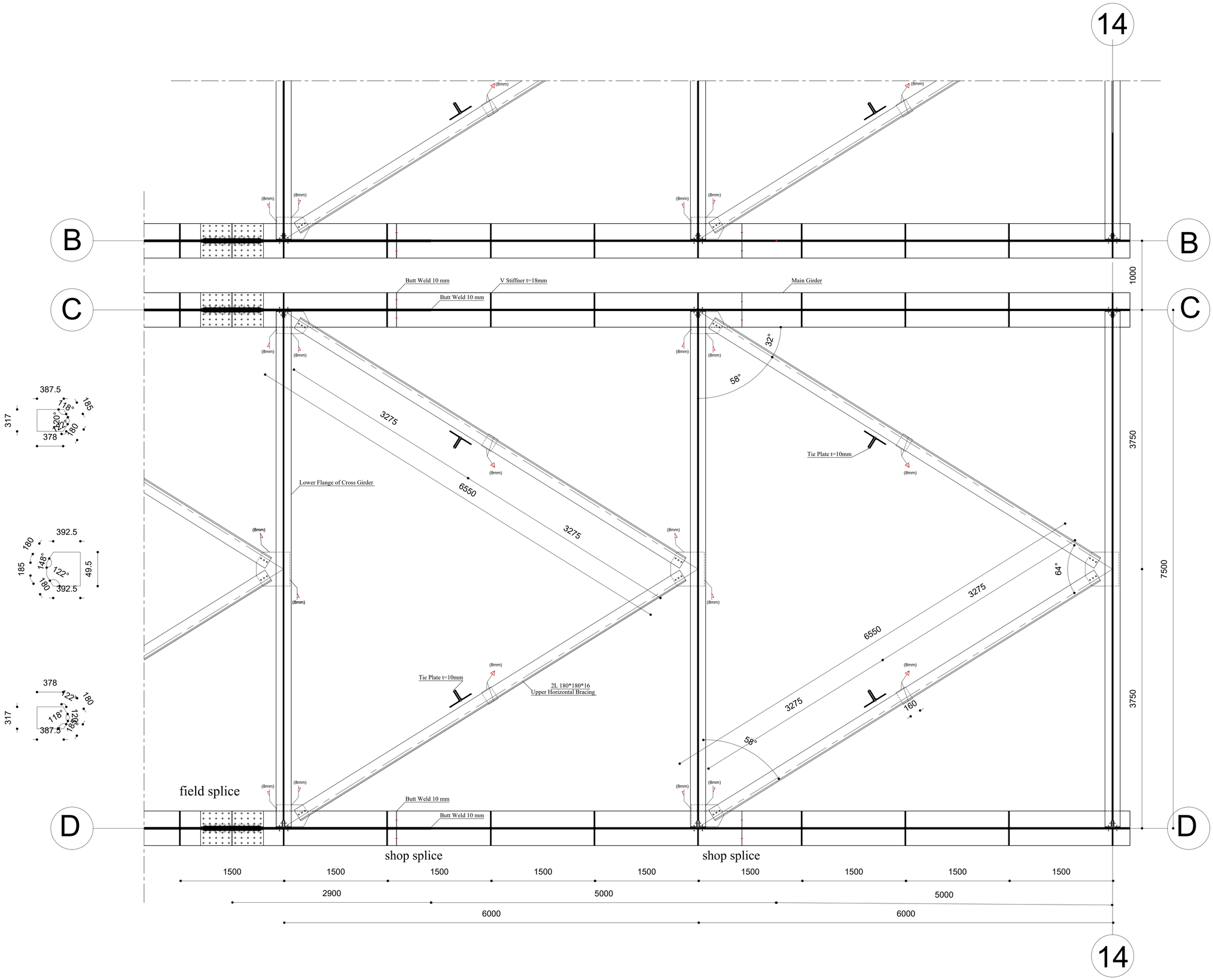



## GENERAL NOTES

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 52 with Fu = 5.2 t/cm2 and Fy = 3.6 t/cm2 .

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

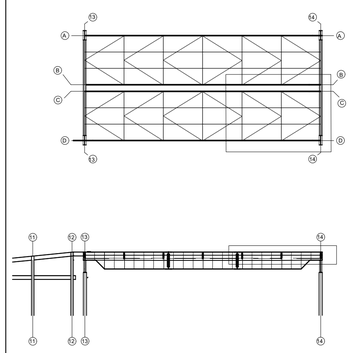
7) ALL STEEL ELEMENTS MUST BE BLASTED WITH SAND BEFORE PAINTING

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

10) ALL GUSSET PLATES = 10mm OTHERWISE MENTIONED

## 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 | Upper Horizontal Bracing System |
| DRAWING NO. 5 | SCALE 1:25 |

Supervised BY/

Dr. MOHAMED EL-GHANDOUR

Eng. Ahmed Abd-El Nasser