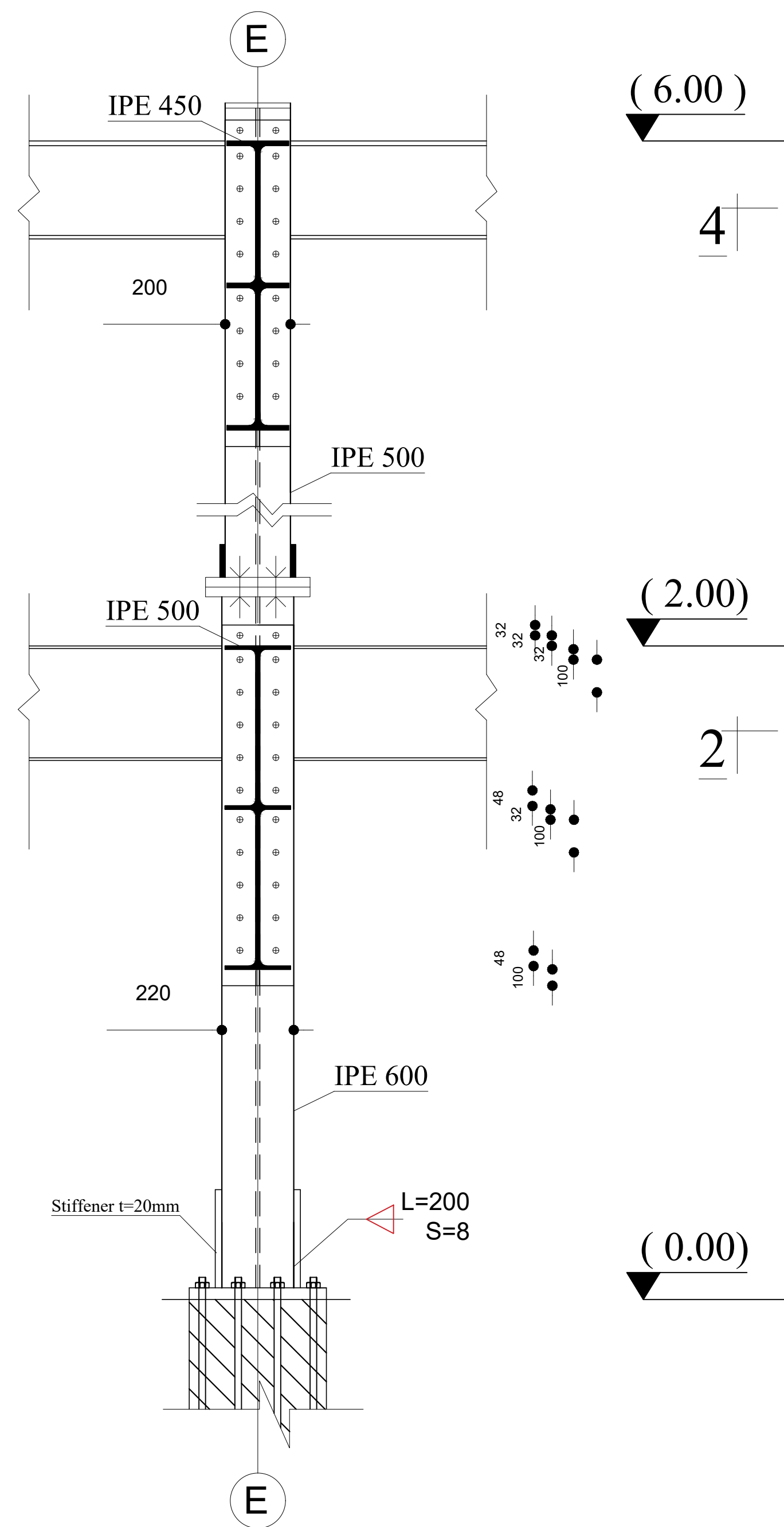
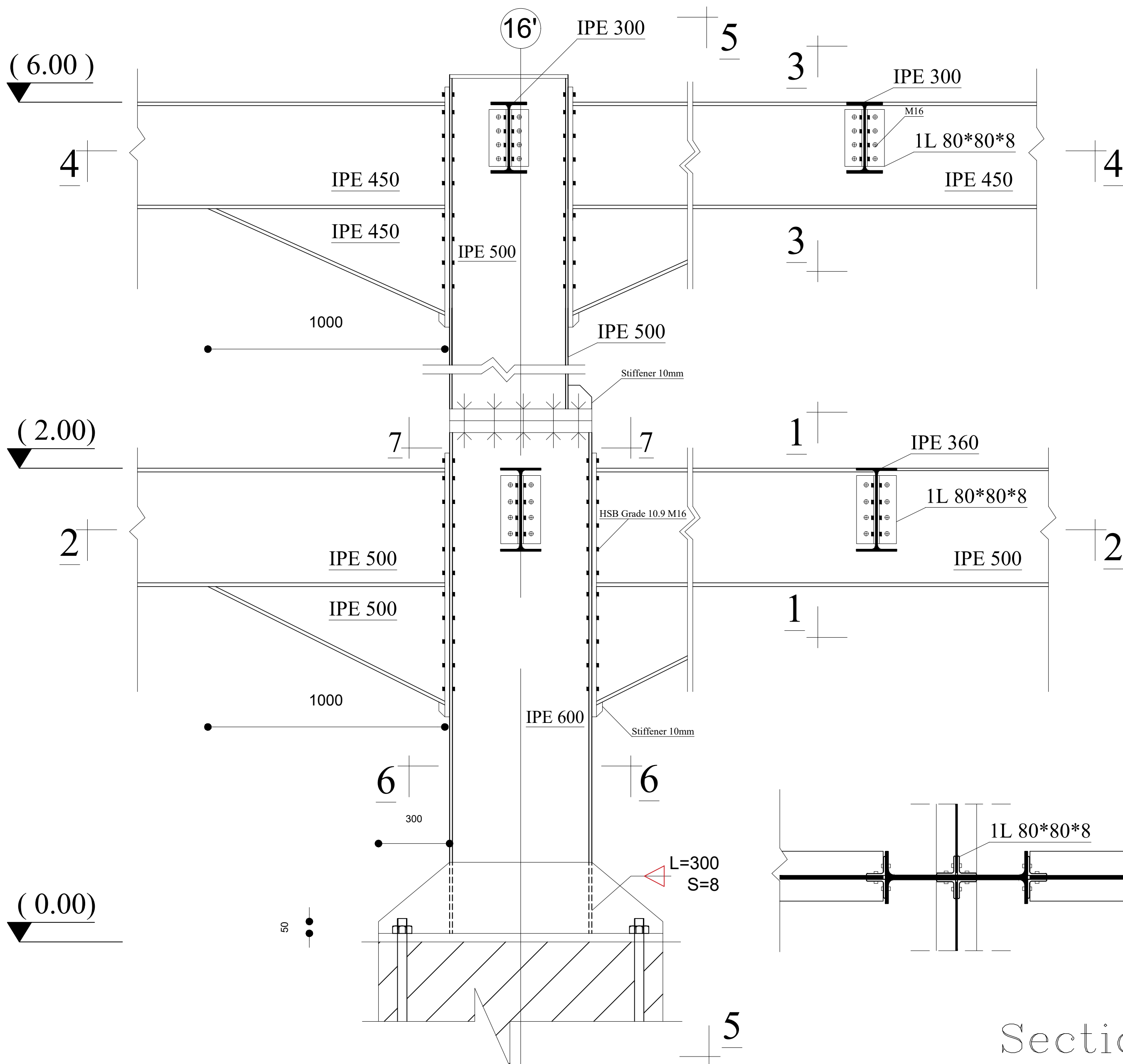


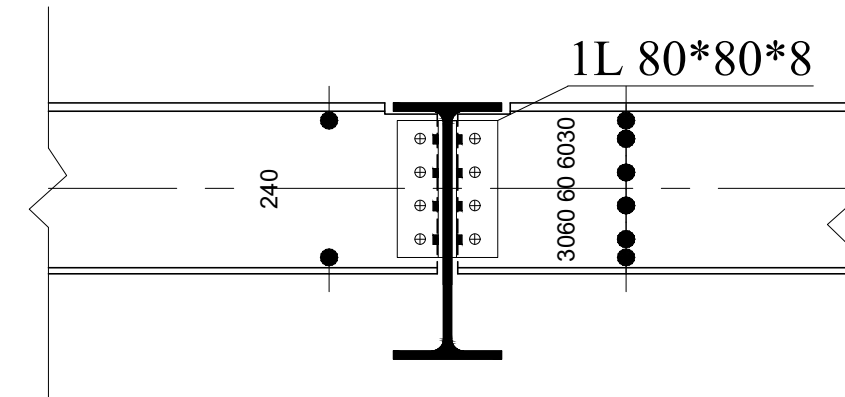
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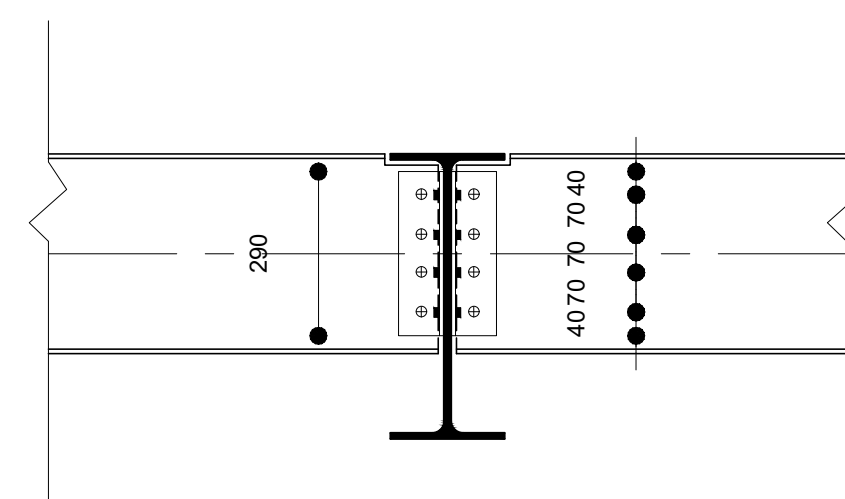
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Column Side View



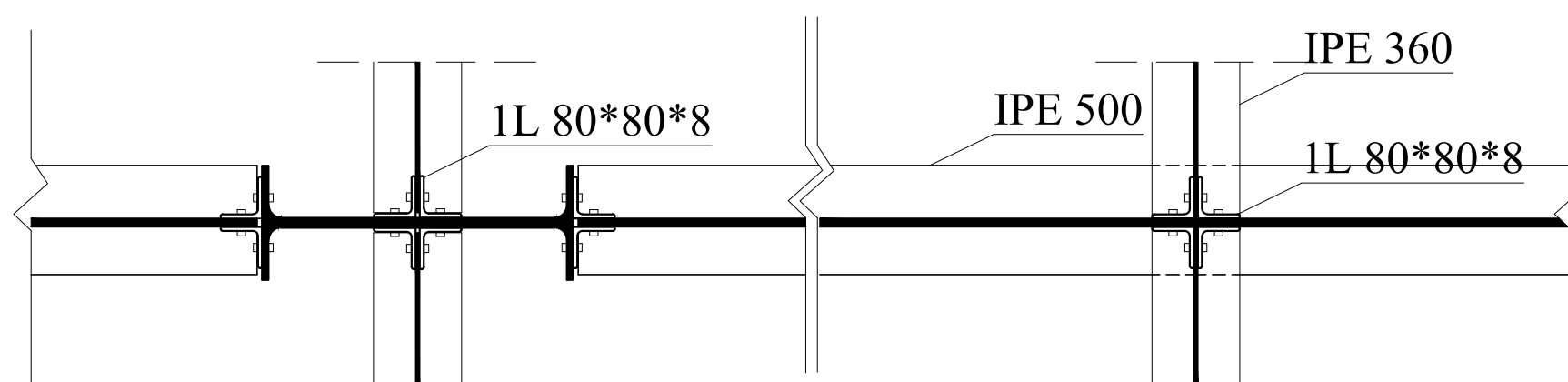
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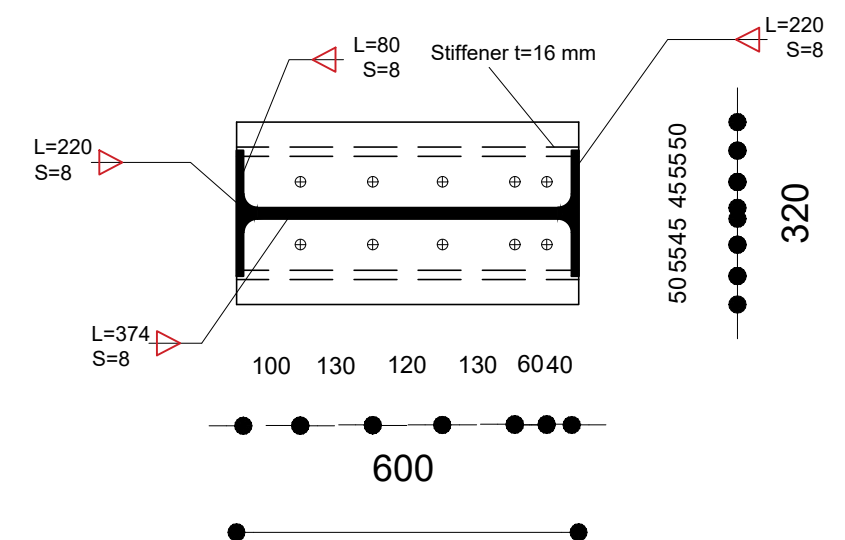
Section (3-3)



Section (1-1)



Section (2-2)

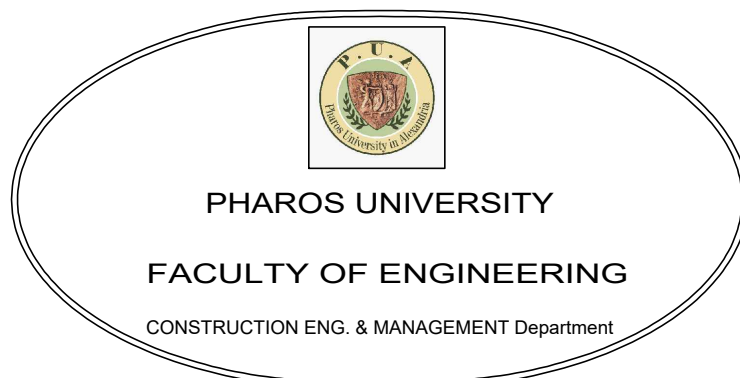
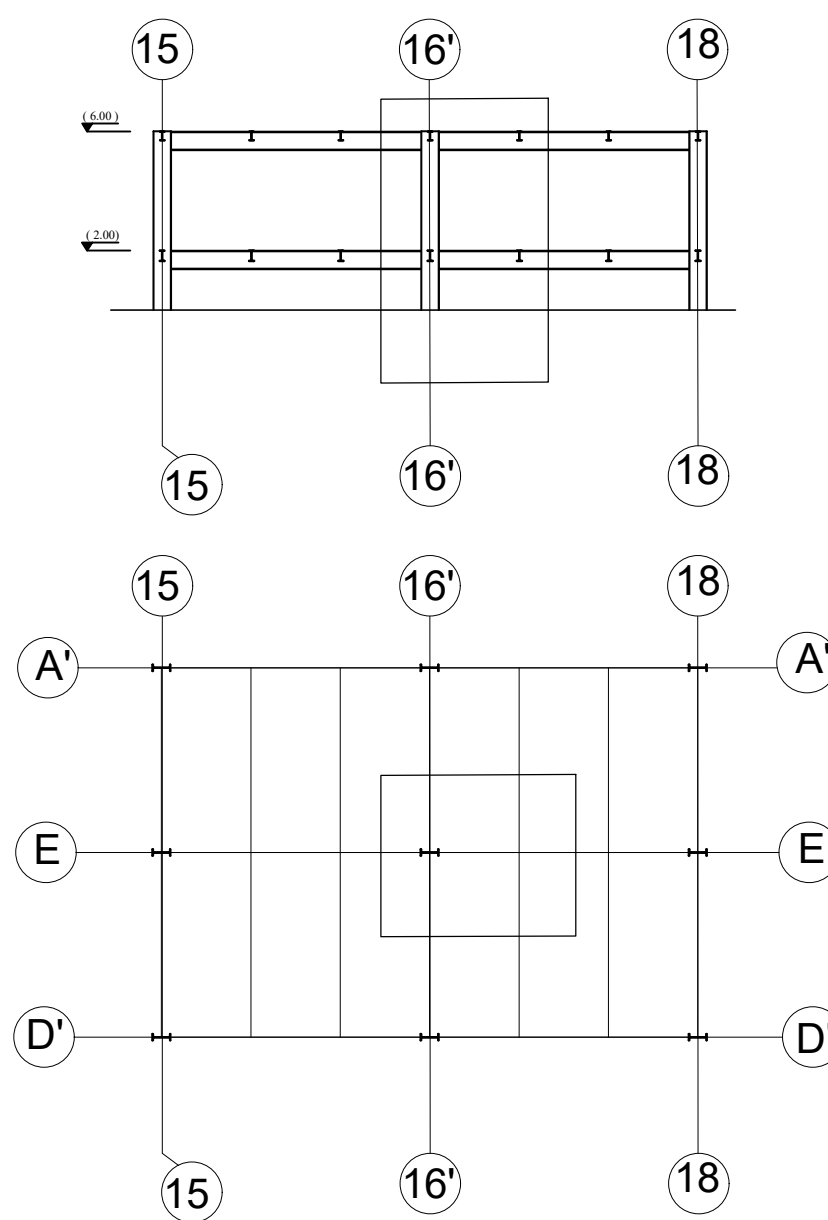


Section (7-7)

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 42 with  $F_u = 4.2 \text{ t/cm}^2$  and  $F_y = 2.6 \text{ t/cm}^2$ .
- 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 DRAWINGS :



STEEL PROJECT  
(2022-2023)  
ROADWAY STEEL BRIDGE

PREPARED BY/  
AHMED YASSER  
MAHMOUD GAMAL  
MOHAMED ABDALLAH

DRAWING TITLE Middle column of mezzanine floor  
DRAWING NO. 8 SCALE 1:15

Supervised BY/

Dr. MOHAMED EL-GHANDOUR

Eng. Ahmed Abd-El Nasser