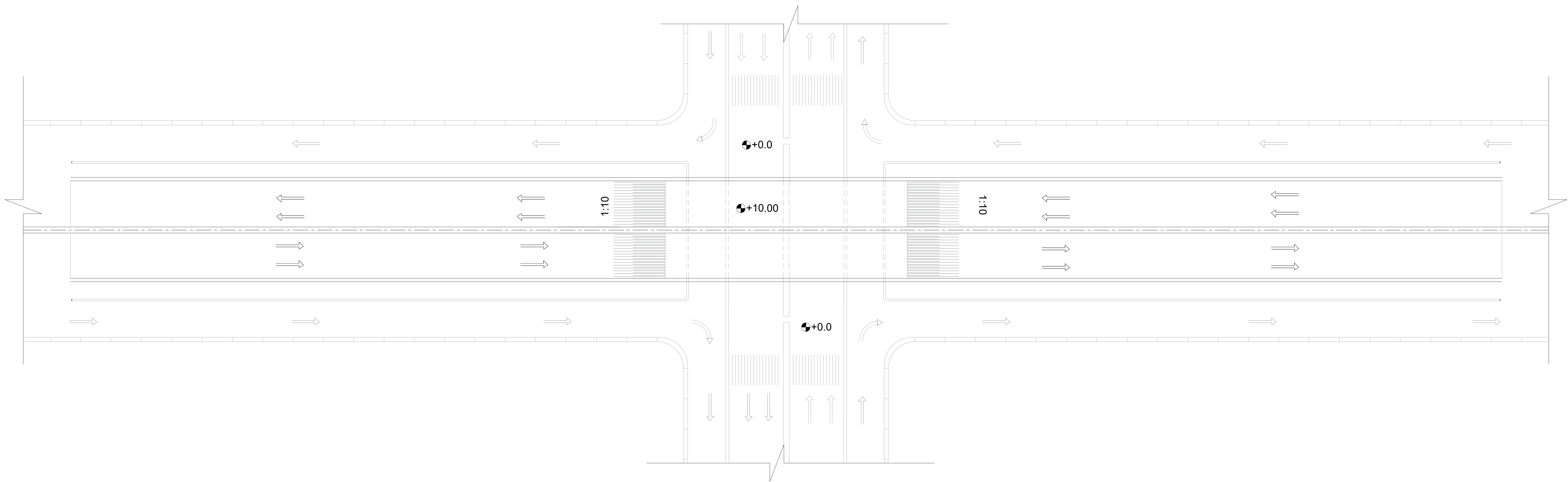
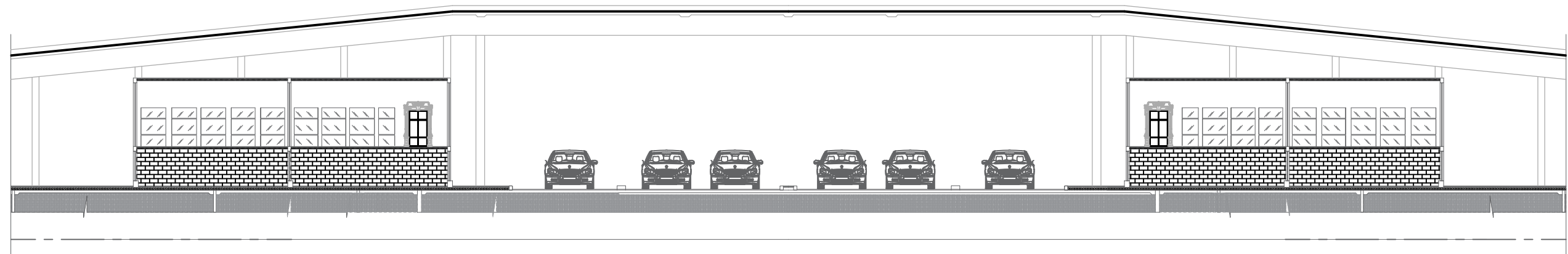


First Floor Plan



Site Plan



Side View A-A

GENERAL NOTES

- 1) ALL DIM. AND AXES MUST BE CHECKED WITH ARCH DRAWINGS.
- 2) ALL DIMENSIONS ARE IN meter UNLESS INDICATED OTHERWISE.
- 3) STEEL USED ARE STRUCTURAL STEEL S275 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 STEEL ELEMENTS MUST BE BLASTED WITH SAND BEFORE PAINTING
- 7) ALL STEEL ELEMENTS MUST BE PAINTED WITH TWO COATS OF PRIMER FOLLOWED BY TWO COATS OF FINAL PAINT WITH REQUIRED COLOR
- 8) IN CASE OF ANY PROBLEMS KINDLY REFER TO THE DESIGNER



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 Architecture Layout
DRAWING NO. 2 SCALE 1:270

Supervised BY/
Prof .Dr. Mohamed El- Ghandour
Eng. Ahmed Abd- El Nasser