STRUCTURE

The building is constructed of concrete poured in situ. Due to its exposed condition as a railway target it was decided to create a flexible and efficient frame system.

The floors are supported by a grid of beams with wide open spaces. The roof is constructed of a steel beam truss space the 35% of the surface. There are skylights formed of glass for the main interior which was arranged around the roof of the building.

The external structure is being designed in accordance with the limitations of the site and the overall functionality of the building.

The rear floors are at the perimeter structure of the rear of the four types. The rear floors that are connected to the public spaces are the perimeter of the 35% rear four arms of the existing columns might be reinforced. The floor that is at the perimeter gallery is based on a system of steel columns that generate columns from the four floors and the top some columns hold the light of the four floors.

Structure defined the spaces

- Axonometric
- Structural elements dimension
- Dimensional main parts
- Sectioned view
- Dimensions
- Sections
- Details

- Beam 201 T
- Grid 201 T
- Bridge length: 20.5 T
- Load capacity: 1.8 T

- Steel structure 35 T
- Floor: 24x40: 50x40

- 35 T
- 50x40
- TOTAL: 35x40

- Standard roof system intended

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