

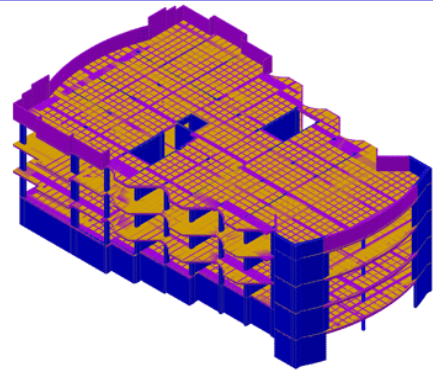
S.C. ELMAC IMPORT EXPORT S.R.L.

“Saint Elisabeta” Dormitory for Elderly,
Kindergarten, Mothers and Newborns
Cluj-Napoca, Romania



Project description

- **Dimensions:** The “Saint Elisabeta” Dormitory is a construction structured as following: semi-basement + ground floor + two floors.



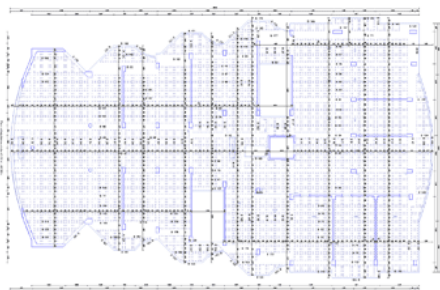
The challenge

- Creating the boxed ceiling
- Generating a significant number of cut views for the correct understanding of the project
- Pad foundations with sloped upper face



The solution

- Automatic creation of reinforcement drawings for the boxed ceiling
- The reinforcement was easily realized due to the simple and intuitive bar creation
- Automatic generation of cut views for the reinforcement of the boxed ceiling
- Footings were created automatically and there were many options available for cut views creation



“Using Advance Concrete, formwork drawings were created automatically, which resulted in a dramatic shortening of working time for this project. The reinforcement was made easily due to the simple and intuitive way of how bars are created. Bar numbering, bar details and their symbols were also created automatically. After seeing what it means to work with a 3D model, to visualize an entire structure detailed, not just lines, I wouldn’t go back to working in 2D.”

Mr. MLEȘNIȚE Ioan, Engineer,
ELMAC IMPORT EXPORT S.R.L.

User’s benefits

- Automatic creation and modification of drawings with export to *.xls format
- Export of final drawings to DWG format
- Significant time reduction

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