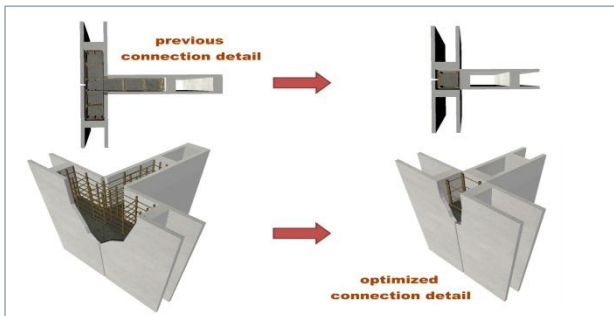
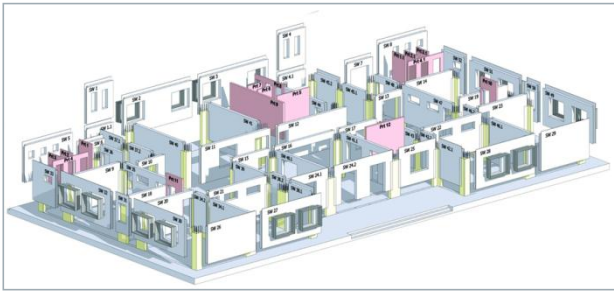


Public Building

REFERENCE CATEGORY
KIND OF BUILDING



CONSTRUCTION OF 18-CLASS SCHOOL BUILDINGS IN IRAQ

PROJECT NAME, LOCATION

Rhodes Precast Concrete Ltd., Amman, Jordan

CLIENT, RESIDENCY

New construction of 168 three-storey school buildings (18 classrooms) made of precast elements in various districts of Iraq.

PROJECT DESCRIPTION

Production of the precast elements in Amman, Jordan. Delivery of the elements to the construction-site by truck via poorly developed infrastructure. Previously: Decisive damage rate caused by transportation.

- Technical review of the structural design work and the execution drawings (panelization, formwork and reinforcement plans).
- Technical optimization of the precast elements concerning the geometric shape, the reinforcement, the connections and assembly.
- Structural calculations
- Proof of stability against seismic impacts
- Preparation of formwork and reinforcement plans

PERFORMED SERVICES

GERMAN INDUSTRIALIZED CONSTRUCTION



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