

BauGrid® Welded Reinforcement Grid System

On the 42-story
St. Regis

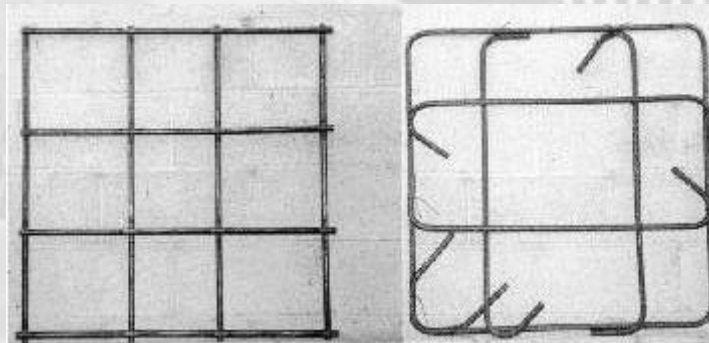
Museum project in San Francisco (structure middle right of photo), one BauGrid® Welded Reinforcement Grid (WRG) replaced 32 hoops and cross ties. Construction time was reduced from one floor every seven days to one floor every 4 days.

BauGrid® WRG were also used in the tallest precast concrete structure in a seismic zone 4, the 39-story Paramount building (structure middle left of photo), and in the tallest tunnel form structures (18-story) built in a seismic zone 4, Ocean Villas in Long Beach.

St. Regis Contractor : Webcor Builders
Paramount Contractor: Pankow Builders
Ocean Villas Contractor: Summit Builders

BauGrid WRG:

- Reduce cage assembly labor by 75%
- Accelerate construction schedules
 - Improve ductility
 - Increase resistance to seismic, blast, hurricane and tsunami forces
 - ± 1/8" Dimensional tolerances eliminate corkscrewing of the cages
 - Reduce crane time
- Decrease congestion of rebar
 - Improve concrete placement
 - Reduce material costs
- Are ICC / ICBO approved
 - Let owners move in sooner



One-Piece BauGrid WRG

5 Pieces Conventional