Orange Regional Medical Center is a 5-story, 161,000 sq. ft. medical office building which was the first field-bolted SidePlate project in the state of New York.

**CHALLENGES**

- Vertical braces were causing major architectural problems
- Firm budget
- Short design schedule

**SOLUTIONS**

- SidePlate design eliminated braces and gave an open floor plan
- SidePlate design saved $50,000 on foundations vs. braced frame design
- Structural steel weight was 29 tons heavier than braced frame design, but CM said the cost was comparable due to reduction in pieces and faster field work.
- Building was erected in only 24 days, with time saved by eliminating welding and fit up issues with slotted brace connections.