

OVIEDO MEDICAL CENTER



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Building Owner

HCA Healthcare

Location

Oviedo, Florida

The Oviedo Medical Center is an expansion to an existing emergency department that will increase ER capacity and offer new inpatient and outpatient services. It's the first field-bolted SidePlate project constructed in Florida.

CHALLENGES

- Programming did not allow for vertical bracing
- Architecture could not accommodate deeper columns
- Very aggressive construction schedule

SOLUTIONS

- No vertical bracing required with **SidePlate** moment frames
- **SidePlate** design used W14 columns and still provided a net savings in steel package
- Field-bolted **SidePlate** connection allowed for steel to be erected ahead of schedule using only one crane

Architect

Gould Turner Group, Inc.

Structural Engineer

Structural Design Group (TN)

General Contractor

Layton Construction

Fabricator

Wylie Steel Fabricators, Inc.

Erector

Group Steel Erectors

Detailer

Structural Detailing, LLC

