



Client: University of Oregon

Size: 420,000 SF

Cost: \$200 million

Scope of Services:

- **Special Inspection & Materials Testing**
- **Quality Assurance**

Project Highlights & Specifications

Dates of Service: 2009 – 2011

- **New arena - 12,364 seats**
- **Practice court facility**
- **Underground parking structure with capacity of 375 cars**
- **330,000 cubic yards of soil removed to make room for the below grade portions of the facility**
- **39,000 cubic yards of concrete poured for the arena and parking structure**
- **4,840 tons of reinforcing steel was placed in the concrete**
- **580,000 pounds of precast concrete placed for the seating bowl**
- **2,900 tons of structural steel formed the super structure of the arena**

Project Description

The Matthew Knight Arena is a premier facility built in the Pacific Northwest. The greatly anticipated structure spans four city blocks and serves as host to premiere league sports events including University of Oregon basketball, hockey, indoor football, as well as facilitating concerts and entertainment events.

Scope of Services

Special Inspection & Materials Testing

- **Reinforced Concrete**
- **Reinforcing Steel**
- **Post-tensioned concrete**
- **Precast concrete**
- **Structural Steel & Welding**
- **Structural Steel Fabrication**
- **Shotcrete**
- **Structural Masonry**
- **Spray-Applied Fire Resistive Materials**
- **Seismic Resistive Systems - MEP**
- **Proprietary Anchors**
- **Ultrasonic Testing of Welds**

Quality Assurance

- **Smoke Control System Inspection & Reporting**
- **Waterproofing QA**
- **Roofing QA**
- **Floor Flatness Profiling**
- **Exterior Envelope QA**