

## Cover Story - June 2007

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### Educational Facilities

**1. Valor Christian High School**

Highlands Ranch

\$93 million

Owner: Valor Christian School

General Contractor: Saunders Construction Inc

Architect: SlaterPaull Architects

Engineers: AG Wassenaar Inc; Anderson & Hastings; DHM Group; Lund Partnership Inc; The RMH Group

Start: August 2006 Finish: October 2007

Campus includes an academic building, athletic complex, chapel, visual and performing arts complex and aquatics facility, plus a 2,000-seat football and track stadium; soccer, baseball and softball fields, and tennis courts. LEED-silver certification is expected.

**2. Education II/Academic Office Building East**

Aurora

\$54 million

Owner: University of Colorado at Denver  
and Health Sciences Center

General Contractor: Haselden Construction LLC

Architect: Anderson Mason Dale Architects

Engineers: Martin/Martin Civil Engineers & Surveyors; SA Miro Inc; Shaffer Baucom Engineering & Consulting

Start: December 2005 Finish: August 2007

Two five-story buildings connected by a second-story bridge. Each building has two stories of education space topped by three stories of academic offices. Features include brick-and-stone masonry and metal panels, windows and sun shades.

**3. Discovery Canyon Campus**

Colorado Springs

\$49 million

Owner: Academy School District 20

General Contractor: Gerald H Phipps Inc

Architects: Antoine Predock Architect; MOA Architecture

Engineers: Classic Consulting; Martin/Martin Inc; M-E Engineers Inc

Start: September 2004 Finish: August 2007

A 3,000-student school featuring a design that references ancient cultures and the origins of science and math. Includes a theater, gymnasium, amphitheater and sports fields.

**4. Falcon High School**

Falcon

\$32 million

Owner: Falcon School District #49

General Contractor: GE Johnson Construction Co

Architect: LKA Partners Inc

Engineers: CEI Consulting Engineers Inc; Guman & Associates; HCDA Engineering Inc; Systems Engineering Corp; Terra Nova Engineering Inc

Start: May 2006 Finish: September 2007

A 176,000-sq-ft precast, masonry and steel structure that includes a finished auditorium, auxiliary gymnasium and two-story classroom wing. The design includes consideration for future academic and athletic facilities expansions.

**5. Academic Office West Building**

Aurora

\$30 million

Owner: University of Colorado at Denver and Health Sciences Center

General Contractor: The Weitz Co

Architect: Anderson Mason Dale Architects

Engineers: Redwine Engineers Inc; SA Miro Inc; The RMH Group Inc

Start: February 2006 Finish: August 2007

An eight-story, 207,000-sq-ft office building organized along a circulation space facing the campus quad to the east. Features include a glass curtain wall and a mix of open and enclosed office spaces in the building's center.

#### 6. Glenwood Springs High School

Glenwood Springs

\$27.4 million

Owner: Roaring Fork School District

General Contractor: FCI Constructors Inc

Architect: RTA Architects

Engineers: Architectural Energy Corp; Consulting Engineer; Envision Mechanical Engineers Inc; HCDA Engineering Inc; Sopris Engineering

Start: February 2006 Finish: December 2007

Construction of 142,000-sq-ft school, with renovation to 32,000 sq ft of existing facility and demolition of the old school.

#### 7. Arvada West High School

Arvada

\$24.4 million

Owner: Jefferson County School District

General Contractor: JHL Constructors Inc

Architect: L O A Architects PC

Engineers: JC Baur & Associates Inc; McGrath Inc; Sample Engineering

Start: June 2006 Finish: December 2007

A 162,000-sq-ft, 2,000-student replacement school built next to the existing facility. Identical to the two-story west wing built in 1997, the new north wing features large, punched exterior windows and a two-story atrium. The 33-acre site will also include relocated athletic fields, a band practice field and tennis courts. Once it's complete, most of the existing school will be razed.

#### 8. Hinkley High School Additions & Renovations

Aurora

\$23.9 million

Owner: Aurora Public Schools

General Contractor: Saunders Construction Inc

Architect: RTA Architects; MOA Inc dba MOA Architecture

Engineers: Envision Mechanical Engineers Inc; HCDA Engineering Inc; Martin & Martin Civil Engineers & Surveyors; M-E Engineers Inc

Start: May 2005 Finish: August 2007

Conversion of existing comprehensive high school into four small learning-community schools. A central concourse unites each of the learning communities with a light open common space.

#### 9. Valley RE-1 Schools

Sterling

\$22.5 million

Owner: Valley RE-1 Schools

General Contractor: The Neenan Co

Architect: The Neenan Co

Engineer: H. Gary Howell, PE

Start: May 2006 Finish: August 2007

Additions to high school, middle school and two elementary schools, as well as improvements to nine other district facilities.

#### 10. Aims Community College—Health & Sciences Building & Ed Beaty Hall Renovation

Greeley

\$20 million

Owner: Aims Community College

General Contractor: Alliance Construction Solutions LLC

Architect: H + L Architecture

Engineers: 5 Design; Ehrhart Griffin & Associates; JBA Inc; Sextant Group; Smith Smeckman Reed Inc

Start: August 2006 Finish: December 2007

A three-story classroom laboratory and office building, including renovation of 60,000-sq-ft Ed Beaty Hall Renovation to house media and learning centers, classrooms, laboratories and offices.

#### 11. Summit Middle School Renovation & Addition

Frisco

\$17.4 million

Owner: Summit School District

General Contractor: Adolfson & Peterson Construction

Architect: SlaterPaull Architects

Engineers: Range West Inc; Redwine Engineers Inc; Roof Tech; Shem Milson Wilke; SSR

Start: January 2006 Finish: July 2007

An 83,807-sq-ft renovation of auditorium, kitchen, north classroom wing, commons, building-wide security system, gymnasium and support areas; and an 89,000-sq-ft addition designed to create two equitable learning communities of 450 students each.

#### 12. Dunstan Middle School

Lakewood

\$17.2 million

Owner: Jefferson County School District

General Contractor: JHL Constructors Inc

Architect: Bennett Wagner & Grody Architects

Engineers: Koechlein Consulting Engineers; McGrath Inc

Start: October 2005 Finish: March 2007

A 120,840-sq-ft, 30-classroom school designed to replace the original 1967 facility, which was deemed too costly to renovate. Includes new softball field and playfield with jogging path, patio, play pads and volleyball courts.

#### 13. Bear Creek K-8 School

Lakewood

\$15 million

Owner: Jefferson County School District R-1

General Contractor: Adolfson & Peterson Construction

Architect: MOA Architecture

Engineers: CTL/Thompson Inc; Envision Mechanical Engineers Inc; JVA Inc; Peak Engineering; RJ McNutt & Associates

Start: January 2006 Finish: June 2007

A two-story, 120,000-sq-ft facility for 1,080 students designed with a central organizational spine oriented south to north with academic areas to the west and activities, after-school programs and public areas to the east.

#### 14. Heritage High School Addition & Renovations

Littleton

\$14 million

Owner: Littleton Public Schools

General Contractor: WO Danielson Construction Co Ltd

Architect: klipp

Engineers: Ballard Group; Caruso; CEI Consulting Engineers Inc; JVA Inc; SA Miro Inc

Start: March 2005 Finish: February 2007

Extensive addition and renovations to existing school.

#### 15. Silt Elementary School

Silt

\$13.7 million

Owner: Garfield School District RE-2

General Contractor: Haselden Construction LLC

Architect: Van Tilburg Banvard & Soderbergh AIA

Engineers: Alber Engineering Inc; Boundries Unlimited Inc; DMCE Engineering; Fanning/Howey Associates; Glenwood Structural & Civil

Start: Nov. 2006 Finish: Dec. 2007

A 60,875-sq-ft school with a pedestrian-scaled vestibule that opens into a commons area. Building design allows for enhanced security, the ability to lock the academic wing from public access during after-hours community use and natural light in the main areas of the buildings through the use of skylights.

#### 16. Fountain Elementary School No. 8

Fountain

\$12 million

Owner: El Paso County School District No. 8

General Contractor: WO Danielson Construction Co Ltd

Architect: Christiansen Reece & Partners PC

Engineer:

Start: August 2006 Finish: August 2007

Two-story, 83,000-sq-ft school composed of structural steel and masonry with fully adhered EPDM material.

#### 17. Roxborough Elementary

Englewood

\$11.1 million

Owner: Douglas County School District RE1

General Contractor: Golden Triangle Construction

Architect: RB+B Architects Inc

Engineer: Shaffer Baucom Engineering & Consulting

Start: December 2006 Finish: November 2007

Construction of a 66,864-sq-ft, two-story school

18. Douglas County Elementary School No. 42  
Parker  
\$10.8 million  
Owner: Douglas County School District RE1  
General Contractor: WO Danielson Construction Co Ltd  
Architect: RB+B Architects Inc  
Engineer:  
Start: November 2006 Finish: November 2007

Two-story, 71,492-sq-ft school.

19. Christa McAuliffe Elementary School  
Colorado Springs  
\$8.8 million  
Owner: Colorado Springs School District SD-11  
General Contractor: Nunn Construction Inc  
Architect: H + L Architecture  
Engineer:  
Start: September 2006 Finish: July 2007

A new elementary school.

20. Ranch Creek Elementary School  
Colorado Springs  
\$7.4 million  
Owner: Academy School District 20  
General Contractor: Bryan Construction Inc  
Architect: DLR Group  
Engineer: Martin/Martin Civil Engineers & Surveyors; M-E Engineers Inc  
Start: August 2006 Finish: July 2007

A 57,000-sq-ft school featuring stone and stucco and an entry canopy and vestibule, designed to complement neighborhood homes.

21. Cerebral Palsy of Colorado Early Education Center & K-6 Charter School  
Denver  
\$7.3 million  
Owner: Cerebral Palsy of Colorado  
General Contractor: Shaw Construction  
Architect: Pahl Architecture PC  
Engineer: JVA Inc; KVA Consulting; Monroe & Newell Engineers Inc; Norris Design; Swanson Rink Inc  
Start: July 2006 Finish: July 2007

A 61,429-sq-ft building to house administrative offices, an early childhood education center and .K-6 charter school.

22. Cherry Creek Middle School No. 10  
Aurora  
\$2.3 million  
Owner: Cherry Creek School District #5  
General Contractor: Adolfson & Peterson Construction  
Architect: Klipp  
Engineer: Ballard Group; Consulting Engineer  
Start: February 2006 Finish: August 2007

A new middle school.