

Notable Concrete in **Dallas** and Vicinity

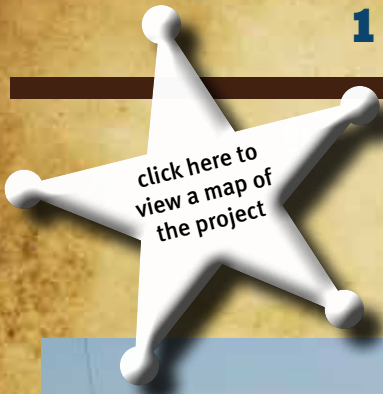


Art of Concrete

Compiled by ACI Committee 124, Concrete Aesthetics
Design and produced by ACI Publishing Services

Questions or comments? Please e-mail the editor, Michael Paul, at mpaul@duffnet.com.

STOVL Operations Facility, Lockheed Martin Aeronautics Co. 1 Lockheed Boulevard, Fort Worth, TX 76108



The Short Take Off and Vertical Landing (STOVL) Operations Facility is used to conduct aircraft propulsion system testing on the Lockheed Martin F-35B STOVL jet. Designed to direct the aircraft's lift fan and downward jet engine exhaust plume to allow extended ground level testing, the facility's deck comprises steel "cascades" that direct and vent the airflow. The facility's foundation pit has a 4 in. (100 mm) thick layer of high-temperature-resistant concrete to protect against prolonged exposure to hot exhaust gasses.



Donald G McLaughlin, PE, Structural Department Manager,
Burns & McDonnell Engineering Company, Inc.; Kansas City, MO, 816 822-3233
dmclaug@burnsmcd.com

Trinity River Campus, Tarrant County College **300 Trinity Campus Circle, Fort Worth, TX 76102**

A new campus for Tarrant County College in downtown Fort Worth consists of four multi-level concrete buildings, totaling 144,000 ft² (13,400 m²), carved into the south side of the Trinity River Bluff. Concrete columns at north and south ends of the buildings slope 7 degrees toward the river. The two primary buildings are six-story, cast-in-place, post-tensioned concrete superstructures with 12 ft (3.7 m) cantilevered walk-ways and 20 ft (6.1 m) cantilevered floor and roof levels. Cladding for all buildings consists of dark gray precast with a random reveal layout to provide a sleek finish for the campus.

Project credits include JQ, Structural Engineer; Big Thorn Architects and Bennet-Benner-Pettit, Architects; Austin Commercial/Con Real, General Contractor; Capform, Concrete Contractor; TXI and Cow Town Redi Mix, Concrete Suppliers; and Gate Concrete, Precast Supplier.



Thomas L. Scott, PE,
LEED AP, Partner, JQ, Dallas, TX, 214-623-5808
tscott@jqeng.com

The Joule 1530 Main Street Dallas, TX 75201

click here to
view a map of
the project

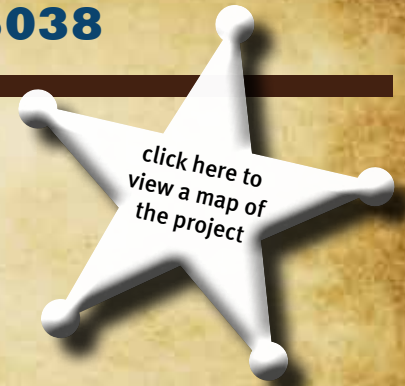


The adaptive reuse of an historic building and the construction of a new building created a luxury hotel and resort in downtown Dallas. The 19-story bank building, originally built in 1927, was restored and renovated and a new 19-story structure was constructed as an expansion of the historic building. Due to low floor-to-floor heights, concrete was the only choice for the new structure. The low roof at the 10th floor features a dramatic cantilevered swimming pool with a glass end that overlooks Dallas' Main Street below.

Project credits include JQ, Structural Engineer; Balfour Beatty, General Contractor; and Pecos Construction, Concrete Contractor.

Thomas L. Scott, PE,
LEED AP, Partner, JQ, Dallas, TX, 214-623-5808
tscott@jqeng.com

Las Colinas Highlands **6191 North State Highway 161, Irving, TX 75038**



A concrete structure frames a contemporary form with classical elements. The architect chose cast-in-place concrete to maximize floor space at minimum expense. The base of the brick-clad building terminates at the third floor with a cast stone entablature. Varying brick colors and accent bands create visual interest in the façade with texture, light, and shadow that change throughout the day.

Project credits include Advanced Cast Stone, Cast Stone Supplier; Acme Brick, Masonry Unit Supplier; and Pavestone, Unit Paver Supplier. Photo courtesy of Charles Davis Smith, AIA.

Larry Rowland, Manager-Marketing & Tech Services
Lehigh Cement Company/White Cement Division, Allentown, PA, 610-366-4600
lrowland@lehighcement.com

Transport Life Office Building 714 Main Street, Fort Worth, TX 76102

click here to
view a map of
the project



The recent renovation of the Transport Life building replaced original exterior finish materials (terracotta and GFRC) with precast concrete. Original ornamentation included carved busts of Roman soldiers at the second floor level. These had been removed in earlier renovations, so 10 new busts were made in cast stone, matching cladding material in the first two stories of the office tower. The remarkable detail in each soldier's headdress, uniform, and facial features was carved into a master and cast from intricate rubber molds.

Project credits include Advanced Cast Stone, Cast Stone Supplier.



Cory Simpson, Sales Representative Central Region
Lehigh Cement Company/White Cement Division, Waco, TX, 972-762-3620
cosimpson@lehighcement.com

Charles A. Sammons Cancer Center

Baylor University Medical Center, 3535 Worth Street, Dallas, TX 75246

At 467,000 ft² (43,400 m²), the Sammons Cancer Center outpatient facility is a 10-story structure with a façade that includes a mixture of glass-fiber-reinforced concrete (GFRC), stone, glass, and metal panels. Located on the Baylor University Medical Center campus, the exterior features a radiused curtain-wall façade. Sammons Cancer Center achieved LEED Gold Certification under the U.S. Green Building Council LEED Core and Shell 2.0 rating system, earning credits for Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, and Indoor Environmental Quality.

Project credits include GFRC Cladding Systems LLC, Concrete Panel Supplier.



*click here to
view a map of
the project*

Cory Simpson, Sales Representative Central Region
Lehigh Cement Company/White Cement Division, Waco, TX, 972-762-3620
cosimpson@lehighcement.com

Reagan Place

Maple Avenue and Oak Lawn Avenue, Dallas, TX 75219

click here to
view a map of
the project

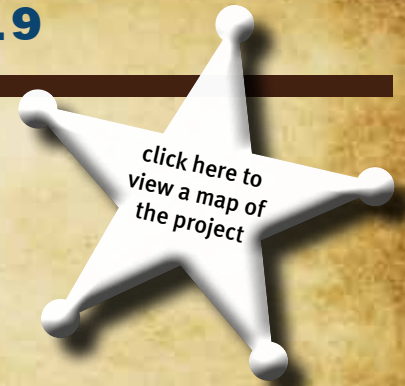
Reagan Place is the newest addition of office space on the Old Parkland Hospital campus. Its Georgian architecture was inspired by Jeffersonian designs and complements the historic buildings on the campus. The 47,000 ft² (4400 m²) building includes a two-story balcony and a two-story rotunda lobby that emulate period details in porticos, fireplaces, and moldings.

Project credits include Advanced Cast Stone, Cast Stone Supplier.



Larry Rowland, Manager-Marketing & Tech Services
Lehigh Cement Company/White Cement Division, Allentown, PA, 610-366-4600
lrowland@lehighcement.com

Gables Villa Rosa
2650 Cedar Springs Road, Dallas, TX 75219



On this high-rise apartment complex in Uptown, cast stone elements enhance the ground-level retail areas with a sense of a distinctive Spanish design, high-quality construction, and permanence.

Project credits include Advanced Cast Stone, Cast Stone Supplier.

Larry Rowland, Manager-Marketing & Tech Services
Lehigh Cement Company/White Cement Division, Allentown, PA, 610-366-4600
lrowland@lehighcement.com

Jones AT&T Stadium, Texas Tech University Drive of Champions, Lubbock, Texas 79409

click here to
view a map of
the project



As the home field of the Red Raiders since 1947, the stadium has had multiple renovations in the last two decades that have expanded capacity and modernized amenities.

Project credits include Eagle Precast.



Cory Simpson, Sales Representative Central Region
Lehigh Cement Company/White Cement Division, Waco, TX, 972-762-3620
cosimpson@lehighcement.com

Notable Concrete in Dallas and Vicinity Map

