

ect Superintendent **ry Baker**; Project bing Foreman **Tim Is**; Plumbing Leads **Will vez, Erich Mangum, Polston, and Davey inson**; Plumbers **id Guzman, Carlos chez, and Robert illas**; Plumbing Helpers **ille Henry, Jeremy f, Thomas Ehiorobo, istopher Aradillas, Servando Rueda, Jr.** eet metal work was han- by Sheet Metal Foreman **Curry, Kevin Stacey, Joel Flores**; Sheet l Leads **Carlos Zelaya, ie Carrillo, Ruben res**; and Sheet Metal ers **Pablo Olvera, ñro Hernandez, and esto Rodriguez.** ping Foreman **David nmer and Perry oder** oversaw pip- nstallation. Their 1 included Weld/pip- **Carlos Coreas, Justin :, Shawn Price, and y Thompson.** he TD Building ems Integration team ded Senior Account rager **Orland Hillard**; port Specialist **Roger derdale, Dan odwin, Brandon rphree, John Garnica**; Integration Specialist **hard Jennings.** ■

ound Rock, TX. ndustries partnered with **merican Constructors** rovide the HVAC on und Rock ISD's fifth 1 school. The facility ades a 375,000-square-, two-story building ted on 95 acres and fea- s two football fields, two ball fields, a track, and t tennis courts. **Cedar je High School** will e 3,000 students when ens in August 2010. he job required more 1 600,000 pounds of :work, 8,500 feet of led water piping, and 00 feet of heating water ng. TD installed three lers, three cooling towers,

14 boilers, 28 pumps, 33 air handlers, 87 fans, and more than 300 terminal boxes.



Because of RRISD's requirement to keep all terminal boxes in the corridor ceilings, American Constructors knew that it would be important to carefully coordinate the project early on. TD was called on to provide that coordination—including the incorporation of fire sprinkler piping, cable trays, lighting, and plumbing into 3-D ductwork and piping drawings.

TD also provided 3-D drawings of the mechanical penthouses and central plant to RRISD to evaluate the maintenance access. Because of this information, the penthouses were actually increased in height by 3 feet to provide better access for RRISD maintenance staff.

“**Craig Eilers**, Project Manager and **Mike Miller**, MEP Project Manager for American Constructors have provided outstanding leadership from day one and continue to be instrumental in keeping the project on schedule and under control,” said TD Senior Project Manager **Kevin Benter**.

Other TD Partners instrumental in the ongoing success of the project include Project Manager **Dave Smith**; Assistant Project Manager **Janie Mendic'la**; Superintendent **JR Rushing** with help from **Kenneth Cummins**; HVAC Foreman/Ductwork **David Fowler, Randy Richard, Luis Villarreal**; Piping Foremen **Frank Hooper** and **Jimmy Phariss**; Ductwork Coordinator **Manny Molinar**; and Piping Coordinator **Mike Hancock.** ■

FEDERAL GOVERNMENT

■ **San Antonio, TX.** The Lackland Air Force Base (AFB) **Telecommunications, Switch and Administrations Building** is the most recent on a growing list of federal projects for TDIndustries. These projects are paperwork and process intensive, a characteristic that becomes further intensified when the Army Corps of Engineers is part of the project team. **Larry Brown** and **David Leon** with **SpawGlass** and **Brian Goebel** with **Goetting & Associates** were instrumental in the design and subsequent communications with the Corps of Engineers. The two companies partnered with TDIndustries to assist in the design of the mechanical systems for this building based on the government-issued Statement of Work.



TD Partners began installing the under floor plumbing in February 2008 and final commissioning was completed in January of this year. The building is a 40,000-square-foot focal point for all base line networks and communications and is cooled with a chilled water system charged by two redundant chillers. Heating is provided by electric heat in lieu of heating water that is commonplace on military installations. Sixty-three thousand pounds of ductwork are fed by three air handling units that handle the majority of the building while three CRAC Units provide cooling and humidification for the 900-square-foot Data Center. Plumbing includes one large restroom and several break room sinks.

The leadership of **Travis Blount** with **SpawGlass** and **TD Production Partners** led by **Paul Bartley, Mike Perez, Rick Mendoza,** and **Mauricio Payan** made this a very successful project for TDIndustries in the federal construction market. The building has been in use for almost a year and has not experienced any major issues—a real testament to the design and installation of the project team. ■

STATE AND LOCAL GOVERNMENT

■ **Allen, TX. The Allen Event Center,** a new \$50 million premier entertainment and event venue, will host more than a hundred headliner, professional sports, and touring shows each year. In addition, the center will provide space for trade shows, cultural, and community events and serve as home to the Allen Americans, a new Central Hockey League franchised team.

Construction began in July of 2008 at the southeast corner of US 75 and Stacy Road as part of the Village at Allen Shopping Center. The completed venue will total 190,000 square feet with capacity for 8,300 seats and two ice rinks.



TD installed two air-cooled chillers, 32 split systems, and more than 380 plumbing fixtures. **Hunt Construction Group** did a great job coordinating the installation of the steel super-trusses and the large bowl duct system. TD Partners also installed four large air-handling units (AHUs) serving the main ice rink area through 500 feet of bowl duct. The duct, ranging from 54 inches to

88 inches in diameter, had to be threaded between the structure's steel joists.

TDPartners who contributed to the success of this project included Project Manager **John Zimmerman**, Superintendent **Dennis Grissom**, Plumbing Foreman **David McClane**, Sheet Metal Foreman **Tom Cox**, and Piping Foreman **Steve Richmond.** ■

■ **Hurst, TX.** TDIndustries is proud to be a part of the City of Hurst's transformation by installing the HVAC and plumbing systems in the city's new 54,000-square-foot conference center. The state-of-the-art facility is the centerpiece of **Hurst Town Center**, part of a citywide redevelopment project that includes Heritage Village and the Bellaire Arts District.



Working with General Contractor **AUI**, the conference center project broke ground in June of 2009 and has an owner's acceptance date of September 2010. The facility includes a three-story parking garage with plans for a high-rise hotel in the future.

The project incorporates the use of Navisworks, Building Information Modeling (BIM) software, to fully coordinate each of the subcontractor's scope of work with one another.

Underground plumbing work is complete and work continues on the plumbing stackout in the garage level. This project includes a variety of challenges including high-end architectural finishes, complex sheet-rock ceilings, tight clearances above ceilings for MEP trades, and a large build-

ing footprint on a relatively small piece of land.

TDPartners contributing to the success of this project are Superintendent **Gary Barr**; Project Manager **Matt Terry**; Plumbing Foreman **Gary Wadkins**; and Sheet Metal Foreman **Sam Smith.** ■

HEALTHCARE

■ **Frisco, TX. Select Medical Rehabilitation Hospital** is a new 44-bed inpatient rehabilitation hospital dedicated to the care and treatment of persons with catastrophic injuries and disabling conditions. TDIndustries was selected to perform the overall project coordination and HVAC work for the facility's 154 tons of air conditioning. The job required installation of more than 60,000 pounds of sheet metal. TD Piping Foreman **George Solis** oversaw installation of 5,000 feet of pipe that nestled its way down tight corridors to feed the four separate wings of the hospital.



The facility's six rooftop unit's distribution duct was swabbed and cleaned to maintain the indoor air quality required by Select hospitals. Two dual gas boilers and two pumps with Variable Frequency Drives (VFDs) were installed on a backup system so the hospital will never be without its hot water system.

The project was completed in less than 5 months and was a success thanks to strong leadership from TD Superintendent **Bill O'Conner** and Sheet Metal Foreman **Chris Moore.** ■