

INTEG

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DESIGN
CHANGES
LIVES

Letter from President



Facilities Capture Cutting Edge Concepts

As with anything in life, one can approach a challenge and achieve basic success or embrace an opportunity and create something that uses the latest design concepts to create spaces that not only function incredibly well, but are special spaces for one to experience.

Such is the case with Our Lady of Lourdes Regional Medical Center (OLOL) in Lafayette, Louisiana. This project opens its doors to their community in June 2011, and is a very special hospital.

Through an excellent collaboration between the owner's planning team, their leadership team and TEG's project design and delivery team, OLOL incorporates cutting-edge design elements that far exceed anything considered, basic design.

TEG has spent nearly three years preparing research, developing facility master plans, integrating evidence-based design elements (EBD), spending thousands of staff hours, producing nearly 1,000 sheets of construction documents and delivering one of this country's most efficient and productive hospitals.

There are literally hundreds of design details throughout the nearly 400,000 square feet in this acute care hospital and an adjoining 100,000 square foot medical office building that are based on EBD research and implementation. Five very evident EBD elements are:

- Site Amenities that provide Psychological Relief to Patients and Visitors.
- Use of Colors and Interior Texture Selections that are peaceful and provide comfort.
- Lighting Strategies that allow orientation and visual access to the exterior via large windows, skylights, courtyards, etc.
- Clinical Procedural Platform that provides excellent flexibility for staff to address the varying levels of patient volumes within minutes, increasing efficiency and elevating the quality of care.
- Green Roofs and Exterior Terraces that allow access to exterior spaces and ease the stress associated with the challenges of healthcare.

In this edition, TEG has included a few preliminary construction photos. Watch our next edition for the post-construction photographs that will illustrate more fully the benefits of evidence-based design and how incorporating even very simple elements can create very special spaces to be enjoyed for decades to come.

As our world continues to experience major events from civil unrest to earthquakes and tsunamis, it is a very good feeling to know that many wonderful things continue to happen in many parts of our world. Using simple concepts to make every day better for those we touch is only a small part of the responsibility we have to each other.

All the best,

R. Wayne Estopinal, AIA, ACHA, LEED AP
President

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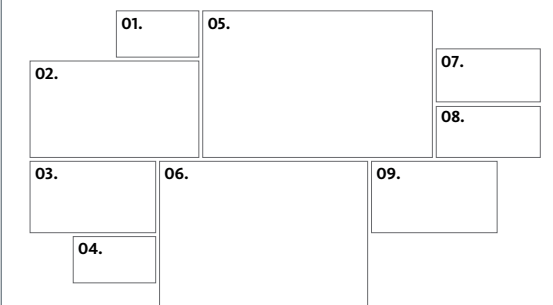


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Major Addition and Renovation



IN FOCUS



CHARLESTOWN HIGH SCHOOL Charlestown, Indiana

TEG collaborated with Greater Clark County School Corporation's administration and the Charlestown community to develop a growth strategy for the existing high school and site to accommodate their needs for years to come. TEG was charged with creatively determining if the existing site could accommodate a new school in lieu of purchasing additional property, which would have compromised facility outcomes and been cost-prohibitive.

The new high school includes approximately 215,000 SF of new construction: two new multi-story classroom wings with a media center and cafeteria, new athletic complex, new student drop-off, and new main entry with support functions. A major component is a 3,000 seat sunken gymnasium with suspended score board and sound system creating a collegiate atmosphere. The renovation updates 60,000 SF converting the existing auxiliary gym and locker room area into a Technical Education Department and additional instruction/support spaces.

The project replaces 90% of the existing building, expands the school's current parking and support areas to accommodate an increased capacity from 650 to 900 students, augments the athletic facilities to meet IHSAA standards — while keeping the school fully operational during construction. As Part I of a system-wide improvement plan, TEG was to dramatically advance construction so that completion coincides with the other construction projects.

The TEG fast track process cut 11 months from the schedule and was completed in December of 2010.





Replacement Hospital



OUR LADY OF LOURDES REGIONAL MEDICAL CENTER
Lafayette, Louisiana

The design of this hospital has been a great example of teamwork between TEG, OLOL staff and the construction team. What has developed is a very striking design founded on strong clinical engineering strategies and staff efficiency, and productivity design concepts. Throughout the design of the hospital, Evidence Based Design features were incorporated. Some include site amenities that provide psychological relief to patients and visitors, color and interior texture selections, day lighting, a clinical procedural platform, green roofs and exterior terraces, same handed patient rooms and patient room zoning. The Replacement consists of six floors at 389,000 SF and 192 private patient rooms, ER

with 8 exam rooms, 4 triage/exam flex rooms, 2 triage rooms, 1 trauma room with 2 bays adjacent to 8 operating rooms and Imaging Department; all conveniently contiguous to a 104,000 SF Medical Office Building. Occupancy is scheduled for June.



Addition and Renovation



TWIN LAKES REGIONAL MEDICAL CENTER
Leitchfield, Kentucky

After more than twenty months of construction, Twin Lakes Regional Medical Center recently opened their new 69,000 SF addition. What started as a mere dream more than three years ago, now proudly stands for all to see in Leitchfield and those passing by on the Western Kentucky Parkway. The striking new main entrance, adorned with metal panels, provides the hospital a fresh, new image. On February 6th, TEG celebrated the ribbon cutting ceremony with the hospital and staff, the local community, and other regional dignitaries. Twenty-five new private patient rooms were opened for patient care as well as a new lab, addition of an MRI, and new business offices. Over the next six months,

existing semi-private patient rooms will be renovated and converted into private rooms, the pharmacy and radiology will be expanded, and additional support spaces will be renovated.





Cancer Center



TRINITY HEALTH
Minot, North Dakota

Trinity Health is undergoing a renovation and expansion of their existing Cancer Care Center. The existing Cancer Care Center has one linear accelerator, one CT Room, 7exam rooms, 10 infusion bays, 3 offices for physicians and a waiting room for 30 people. The renovation and expansion will add a second linear accelerator, 3 additional exam rooms, 8 additional infusion bays, 2 additional offices and a waiting room for 82 people.

A drop off canopy will be added at the main entrance as well as a ambulance canopy at the rear of the center. There will be a fireplace in the waiting room in around which a majority of

the waiting room chairs will be gathered. There will be a large registration area with two private registration rooms. The project is expected to be completed by the spring of 2012.



IN PRINT

+ PRODUCTIVE CARE® EFFICIENT DESIGN

The new world economy is driving businesses to adopt lean principles, which allow businesses to streamline processes and efficiencies, supporting healthier bottom lines, and improved operations.

Within the past six months, TEG has initiated and conducted our own research, supporting EBD, validating how significant design is to operational performance, client satisfaction, staff performance/morale, and overall bottom lines. Specifically, we observed 3 Emergency Departments (different sizes and volumes), analyzed the volume data, calculated staff travel and calculated savings based on real data. We developed Productivity Enhancing Design Guidelines® that eliminate wasted space, creating better adjacencies between staff, treatment and support areas, reduce travel distances so more time can be spent with patients, improving outcomes and throughput.

Construction and design often bear the brunt for project cost; however, project costs are one time. How spaces perform and how they are staffed during their lifetime are ongoing costs.

In the era of aging physician and nursing staffs, healthcare reform and changing payer mixes, we can make an impact by designing healthcare facilities to “take care” of the populations they serve.

Please contact us to learn more about [Efficient Design+Productive Care®](#) and how our approach can impact your facility.



IN 3D DESIGN



- 01. BEAUREGARD MEMORIAL HOSPITAL**
DeRidder, Louisiana
- 02. ST. JUDE CATHOLIC CHURCH**
Bossier City, Louisiana
- 03. NORTHEAST BRANCH,
YMCA OF GREATER LOUISVILLE**
Louisville, Kentucky
- 04. SHRINER'S HOSPITAL FOR CHILDREN**
Shreveport, Louisiana



- 01.
- 02.
- 03.
- 04.

IN PROGRESS

ANDERSON REGIONAL MEDICAL CENTER Meridian, Mississippi

TEG completed conceptual design studies for ARMC in autumn, 2010. With these, ARMC could evaluate their future, establishing a strategic position as the premier urban medicalcenter. The designs provided visual impact needed to aggressively pursue capital improvement and property acquisition plans by illustrating the potential for a patient tower, parking deck, wellness center, medical office and expanded ancillary services.



SARAH BUSH LINCOLN HEALTH SYSTEM Mattoon, Illinois

The SBLHS Facility Master Plan Implementation will occur in 6 phases over the next 24 months. The Renovations will affect 218,000 SF on 5 floors and will include a 10,000 SF Addition. Departments included will be Surgery, ED, Lab and a Private Patient Room conversion.



DEACONESS HOSPITAL Evansville, Indiana

The Gateway Tower Addition/Renovation is complete. Construction finished on the six-story tower project in December of 2010. The project included expansion of dietary, a new endoscopy suite, two patient floors and added approximately 203,000 SF to the Gateway Campus.



BEAUREGARD MEMORIAL HOSPITAL DeRidder, Louisiana

TEG is working with Beauregard Memorial Hospital on a Site and Facility Master Plan for their 60 bed facility. The data gathering and analysis phases were completed in February, and now TEG is exploring design concepts and options that address the client's biggest concerns. All solutions will be based upon projections from historical utilization data.



TEG NEWS+VIEWS

CANSTRUCTION

Knocking Out Hunger

TEG's structure was a massive four-sided monument of knockout power. The theme was a shadow boxer involving Rocky vs. Ali. When the smoke cleared and the fight is over, the true winners will be the recipients of over 5000 cans of tuna. We chose tuna cans for their interlocking stacking ability.

To tell our tale, we needed a dramatic presence. Each side of structure was 27 cans wide and 46 cans tall. The tuna cans were each rotated a certain amount to bring this concept to life and were chosen for their patriotically-colored labels; we wanted to incorporate the colors of the American flag into this structure.

"We are proud to be contributing the fight against hunger."

Team >> Charles Crochet, Dusty Woolsey, Anna Lask, Matt Phillips, Kristen Wallace, Karen Miller, John Sprouls, and Susan McCane



Our Design won both the "People's Choice" and "Best use of Labels."

USING SIMPLE
CONCEPTS TO
MAKE EVERY DAY
BETTER FOR
THOSE WE TOUCH
IS ONLY A SMALL
PART OF THE
RESPONSIBILITY
WE HAVE TO
EACH OTHER.

GET MI

TEG JEFFERSONVILLE

903 Spring Street
Jeffersonville, Indiana 47130
812.282.3700

TEG LOUISVILLE

127 South Sixth Street
Louisville, Kentucky 40202
502.561.8440

TEG EVANSVILLE

117 SE Fourth Street
Evansville, Indiana 47708
812.425.3600

TEG SHREVEPORT

820 Jordan Street, Ste. 507
Shreveport, Louisiana 71101
318.424.3700

