

BUILDING FUTURES

TECHNOLOGY

THE SMART JOB SITE

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COMPASS CANCER CENTER

WDC NEWS

THE SMART SITE

Wieland-Davco Continues to Push Technology on Construction Sites

The Wieland-Davco Corporation is at the forefront of technology that is dramatically improving the quality and timeliness of communication on its job sites throughout the country.

"We are a company committed to technology and the efficiencies it brings to our clients," said Rob Krueger, Chief Executive Officer of Wieland-Davco. "Our clients are using technology in their respective industries, and there is no excuse for us not to provide reciprocal services for their important projects."

While there are many technological advances, here are a few that Wieland-Davco has embraced and that can be found on its job sites today:

Cloud Computing:

While the IT industry is abuzz with talk of "cloud" security and mobility, Wieland-Davco embraced this technology over a year ago by rolling out its Viewpoint (job management) software on the Cloud. What this means in practical terms is that personnel from job sites from Florida to California each log in daily to the same server in "the cloud." This gives construction personnel, architects and owners access to "real-time" data that is constantly updated and accessible.

Mobile Devices:

Ask Craig or Scott Wieland, and they will tell you: This is not their father's construction company. Keeping a 56-year-old company



relevant takes the will and resources to stay ahead of the curve. All of WDC's employees now have Smartphones and iPads, providing the potential to receive and present complex data from virtually anywhere.

"We are a company committed to technology and the efficiencies it brings to our clients"

"Using an iPad on site has been a pleasant surprise and is really streamlining our operations," says Mark VanDeventer,

(CONTINUED ON PAGE 4)



Q&A QUESTION & ANSWER WITH ROB KRUEGER

Rob Krueger was named Wieland-Davco's first-ever CEO one year ago. Since then, he has been evaluating WDC's resources and criss-crossing the country visiting job sites and WDC's employees. One year later he reflects on the year behind and casts his vision for the year to come.

Q: You have now been CEO for exactly a year. What are the biggest surprises you have encountered in your new role?

A: After focusing on operations for over a decade, I was concerned that the transition to overall corporate leadership would continually be blurred by my passion for operational excellence. However, as the CEO journey embarked, I was overwhelmed with the support I was given by my fellow partners at W-D. Each partner has made a concerted effort to grow professionally and take on the enhanced responsibilities that are necessary for W-D to reach our goals for growth and excellence.

Q: What kind of initiatives are you hoping to bring to Wieland-Davco in the next three to five years?

A: My top initiatives for the next several years are technology, staff development and communication. Technology makes each of us more efficient. Staff development is what enables us to employ the best construction professionals in the business. Excellence in communication allows Wieland-Davco to solve project challenges in an efficient and effective manner. Craig Wieland taught me years ago that every problem is a management problem and every management problem can be solved and even avoided with better communication.

Q: When it comes to growing Wieland-Davco, are there particular areas you hope to focus on?

A: Wieland-Davco will continue to grow in the market sectors in which we've become recognizable leaders, including;

industrial, office, church, warehouse-distribution and automotive. Recent growth into laboratory-research, multi-family and hospitality sectors will continue to be a priority for our business development staff. Also, we are currently working on a strategy to give W-D expertise and relevant experience in the market areas of institutional healthcare and secondary education.

Q: What's a typical week like for you?

A: Monday's are manic and one of my most anticipated days. Our 50 year tradition of the Monday Morning Management meetings allow me to get a weekly update on each of our projects and construction teams. Tuesday through Thursday typically involves travel to our projects and regional offices to offer hands-on support and leadership. Friday I reserve for client connections and "next step" planning where I can spend quality time contemplating the actions necessary to meet our growth goals.

Q: Finally, what is one story you'd like to tell our readers about why Wieland-Davco is different?

A: I think a local Michigan job comes to mind. We are constructing a new chapel for Lansing Catholic High School. Not surprisingly, the folks at LCHS quickly became quite fond of our project team and asked if we could meet to talk about WDC doing all of their work over the next five years as a part of their 2020 Capital Campaign. This mentality – please the customer and they'll ask for more – is the lifeblood of WDC, what makes us different, and what I am striving to develop in our company for the next 50 years. ■

HISTORY of Wieland-Davco

News & Notes:

- * For the second consecutive year, The Wieland-Davco Corporation was named to the prestigious **Engineering News Record (ENR) list of Top 400** companies in America. The ENR 400 has been published annually for 50 years and categorizes companies based on work under contract. Wieland-Davco ranked at No. 303, with \$191 million of work in the previous year.
- * The Construction Association of Michigan (CAM) has selected the **Agro Culture LIQUID Fertilizer's** headquarters facility as one of its "Projects of the Year" for 2013-14. Agro's 60,000 SF headquarters in St. Johns was a Design/Build project done with architectural partner Hobbs + Black. The facility also received LEED Gold recognition. *(Pictured)*



- * **Two Men and a Truck International (TMTI)** was honored by the Lansing Regional Chamber on November 20th for its investment in the Greater Lansing area as it expanded its corporate headquarters. The expansion project was completed by Wieland-Davco, and was the third commission done for TMTI by Wieland-Davco.

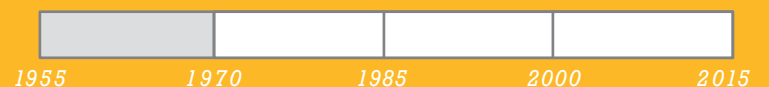


A rendering of the Benteler Administration Building in Shreveport, LA. WDC continues work on the new 32,000 SF, \$6.5M project.



It was the summer of 1970, and The Wieland-Davco Corporation was just 12 years old. Don Wieland was in the midst of growing a successful general contracting company in Bay City, MI. As a part of his business plan, Don was a registered Inland Steel dealer. Ever the salesman, his efforts of selling Inland buildings got him a trip to Osaka, Japan for the World's Fair. He and wife LouAnn cut quite a swatch in Osaka, and this picture captures the dashing couple in stride. Although Don passed away in 1990, LouAnn still resides in nearby Okemos, MI and remains Wieland-Davco's biggest cheerleader!

1970 • HISTORICAL FIGURE



THE SMART SITE (CONTINUED FROM PAGE 1)

currently a site superintendent at the Althea DX project in San Diego, CA. "So much of what we used to have to do – running back and forth to our trailer to check drawings, verify changes, produce change orders – is now done immediately with the iPad."

New Software Applications:

New applications are always being developed — driven mostly by cloud computing and mobility — resulting in real and powerful intelligence. When WDC's employees are issued their iPads, the tablet is pre-loaded with programs like Submittal Exchange© and apps like Sharefile©, SmartUse ©, PlanGrid©, and even the Wieland-Davco CEO Blog. This "touch and go" technology continues to break down the barriers of employees who may otherwise avoid technology.

For example: Applications being used today are designed to make construction plans available to users wherever they are and give them tools to manipulate and create their own content. WDC employees are already marking up drawings and sharing these changes for discussion to the relevant decision makers from a tablet at a jobsite.

"I have been using the Wieland-Davco iPad for our chapel project which started June 2014," said Clint Wheeler, Facility Manager at Lansing Catholic High School, "I have found it to be a valuable tool for working with the construction management team. It contains all prints, all daily logs by the site supervisor, and a record of all addendums and bulletins. There is no paperwork to lose or big files to carry around. It also has the ability to keep a photo history of our project."

The Wieland Davco Corporation has all these tools in its toolbox, and more. WDC is currently working in a web-hosted environment, which allows virtual access to its job data via laptop, smartphone and tablet.

"Using technology in a world where apps are constantly changing means we have to step our game up and meet the industry head on," said Mike Mead, Wieland-Davco's IT Director. "General Contractor's are now leading the charge and telling app developers what we need to be better at our jobs."

Communication is the foundation for successful collaborative work. The jobsite is where the quality of communication can translate into tangible results. Wieland-Davco is continuing to make technology choices that enable effective information sharing, allowing each participant involved in the project to become a more informed and effective player. ■



An aerial overview of M North Apartments, a 288 unit, garden-style apartment complex underway in Orlando, FL. Completion is set for November, 2015

Recent Awards / On the Books

- * Wieland-Davco was awarded the **Citic Dicastal** addition and renovation project in Greenville, MI. Dicastal, of Qinhuangdao, China, will invest \$140 million to open a production facility located at the former United Solar Ovonic LLC (Uni-Solar) campus in Greenville. Those original buildings were also built by Wieland-Davco. Dicastal produces aluminum alloy wheels.
- * Wieland-Davco was awarded the **Fern Marketplace** in Shreveport, a \$10M retail center which will include a Whole Foods anchor store with additional yet-to-be-named retail and restaurants. Read-King Commercial Real Estate of Houston, TX is the owner.
- * Wieland-Davco was awarded the **Tavistock / Lake Nona** manufacturing building, a 115,000 SF facility for Voxx International in Orlando, FL. The project is currently in design and is set to start in 1Q of 2015.
- * Wieland-Davco was awarded a pair of projects in Okemos, MI: the **\$2.7M Meridian Township Fire Station (Pictured)** project; and the \$1.85M Courtesy Ford project.



COMPLETED PROJECTS



Compass Cancer Center

EAST LANSING, MI



COMPASS HEALTH • GROUNDBREAKING: JUNE 2013 • COMPLETED: MARCH 2014 • 22,000 SF • \$4.9 MILLION

Compass Health Care is a group of private physicians formed to provide quality and cost-competitive health services for Mid-Michigan residents. The new Community Cancer Center will provide outpatient cancer treatment and infusion services for its patients. The two-story design includes Compass Health corporate offices, exam rooms, consultation rooms, physician's offices, and a fully operational Linear Accelerator Vault for the treatment of cancer.

* LINEAR ACCELERATOR VAULT

Just one of four in Greater Lansing – delivers high-energy x-ray treatments that destroy cancer cells while sparing the surrounding normal tissue.

Sr Project Manager: **Gunnar VanDeberg** Site Superintendent: **Scott Mason** Contract Administrator: **Betsy Zietlow** Architect: **Hobbs + Black**

Dart NeuroScience Center

SAN DIEGO, CA



Dart NeuroScience acquired the former Nokia building in San Diego, CA with an ambitious plan to transform it into a biomedical laboratory. After completely gutting the 180,000 SF building to the core, Wieland-Davco expanded the building by 20,000 sq. ft., added clerestory roof openings from the main floor to the roof, and successfully transformed the facility into one of San Diego's leading biomedical research labs.

* IMPROVING COGNITIVE VITALITY

The Dart NeuroScience Center also has a fully functional amphitheater and classroom for medical lectures and scientific presentations.



Tatum ISD

LONGVIEW, TX



Phase IV of the Tatum Intermediate School District Project was the new elementary building package. The new elementary school has a unique layout including five changes in finish floor elevation coupled with high end finishes. The tight construction schedule created many challenges for the project team in completing the project on time and on budget without compromising quality. Ultimately the owner was able to occupy and use the facility for the first day of school.

* ELECTRONIC CLASSROOMS

The new school has state-of-the-art classrooms, with interactive and hypermedia technologies as part of daily learning.

Two Men and a Truck

LANSING, MI



The project included the renovation of 33,982 SF of existing space and an addition of 21,697 SF of new space. Much planning, cooperation, and communication on the part of both TMTI and Wieland-Davco was required to execute a system which allowed TMTI to continue to run the business while the renovation took place and new space was built. The addition includes an executive suite, conference rooms, open office, gathering and retail spaces, along with a new café, kitchen and lobby.

* EARLY MOVE-IN

At no time during the renovation phases was the company shut down – TMTI was able to move in two months ahead of schedule.

PROJECTS UNDER CONSTRUCTION

Newport Bay Marina NEWPORT BAY, CA



The Newport Bay Marina Project features a subterranean-underwater parking garage in Newport Bay, California. The project includes eight three-story, mixed use buildings of 27 condo units and 40,000 SF of commercial space. Steel and concrete shoring had to be installed at the perimeter of the site in order to dewater 7.1 million gallons of water per day, and excavate 35,000 cubic yards of soil.

* PARKING BELOW SEA LEVEL

Building at the edge of the Pacific Ocean required the drilling of 673 concrete hold down piles to keep the structure from floating.



Pratt Paper VALPARAISO, IN



Pratt Paper is the world's largest container and corrugating company. The Pratt Paper project features a Paper Machine 16 (PM-16), which is a 100% recycling paper mill that makes container roll paper to supply Pratt's corrugating plant. The new paper machine uses no wood fiber material in the process to make paper. The corrugating plant is located adjacent to the new paper machine.

* SUSTAINABILITY

Every day, Pratt's paper mills recycle more than 3000 tons of recovered paper, saving the equivalent of 51,000 trees.

South Church LANSING, MI



Wieland-Davco is constructing a \$3.7 mil addition at South Church in Lansing, Michigan. The addition includes a 550 seat chapel, a new gathering area, a creative worship area and attached storage area, and 5,300 SF of new office space. Once the addition is completed the existing office space will be renovated into several classrooms.

* CREATIVE WORSHIP CENTER

South Church has three services on Sunday morning – 9:30am, 10:55 and 11:05. Pastor Don Denyes preaches in all three, a practice he will continue in the new chapel!

Rio Ammunition MARSHALL, TX



The 105,000 SF Shotgun Shell Manufacturing Facility includes four lead melting furnaces, 16 propellant storage niches, a passenger elevator, material lift, 24 overhead coiling and panel doors, and 22,000 SF of Class II, Div. II rated space. This is the first facility of its kind in the U.S.

* BLAST RESISTANT STORAGE

Project includes 16 Blast Resistant Propellant Storage Niches, a composite mezzanine designed for a 250 PSF Live Load and Building 3 is NEC Class II, Div. II Compliant.

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BUILDING FUTURES • WINTER 2015

CLIENT SPOTLIGHT



SHAHEEN CHEVROLET

Shaheen Chevrolet has been an icon in the Lansing, Michigan community for several decades and is dedicated to providing the ultimate automotive experience.

In 1999, Shaheen Chevrolet built a new campus facility prominently located on I-96 in South Lansing, highlighting a vast inventory visibly displayed along with Shaheen's award winning Service Department. Since that time Shaheen has renovated its showroom and sales area and in 2014 added a new 8,700 square foot Pre-Owned vehicle sales building, automated car wash and in-house detailing area.

Located in a General Motors town, Shaheen Chevrolet works diligently to meet and exceed the expectations and requirements GM has established

for its dealer operations and facilities. Last year, Ralph Shaheen was presented with the GM Dealer of the Year Award from Chevrolet. Less than one percent of the Chevrolet dealers in the country receive this honor each year.

Wieland-Davco has had the privilege of constructing and renovating all of the facilities for this outstanding company. "If I had to use a one word description of Wieland-Davco, it would be 'trust,'" said Jim Shaheen, Executive Vice President. "I can trust that Wieland-Davco has given me the best product for my needs, within the time frame promised and most importantly within my budget."