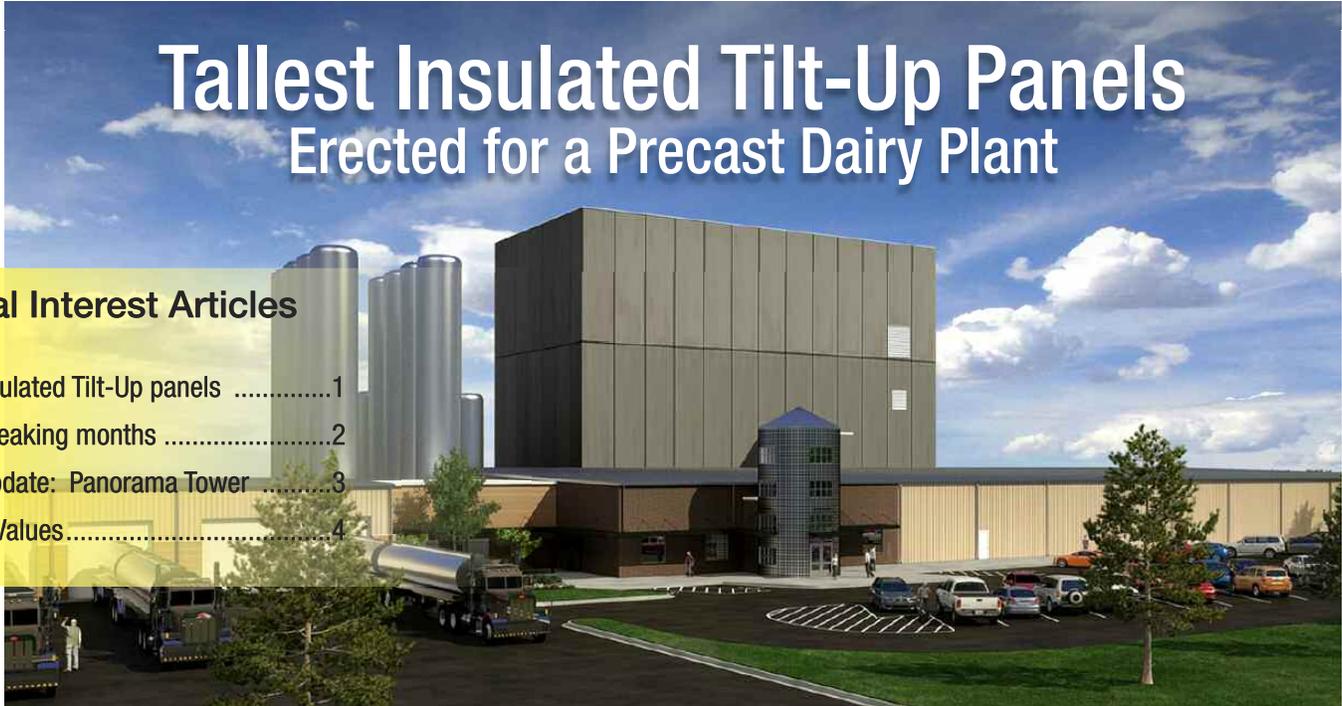


Tallest Insulated Tilt-Up Panels Erected for a Precast Dairy Plant

Special Interest Articles

Tallest insulated Tilt-Up panels	1
Record breaking months	2
Project Update: Panorama Tower	3
Our Core Values	4



In Canyon, Texas, the tallest insulated panels Meadow Burke has ever worked on was recently erected for the construction of a dairy ingredients plant. The Tilt-Up construction of the new plant began two years ago. There, insulated panels as high as 66 feet were erected to form the lower level of the structure of the plant. After the initial 66 foot tall panels were erected, 44 foot panels were erected and stacked on top of the 66 foot panels, creating a 110 foot walls. The construction required meticulous engineering from Meadow Burke engineers Samuel Gallagher, Scott Collins and Milton Littlefield.

The project came to Meadow Burke late February from Mike King at ICF Direct Service Center and south district sales manager for Meadow Burke, Larry Vines.

The insulation within the panels presented some challenges on the job, said Meadow Burke Engineer Samuel Gallagher. "Having to avoid the insulation strips when placing the inserts in the panel was a challenge due to the vast amount of insulation used in these panels". To overcome this, Samuel used multiple design iterations and

performed various calculations in order to determine the best location to place the inserts and maximize their capacity while keeping the bending stresses low in the panels. Meadow Burke's proprietary lifting software was also used to analyze placement and spacing of the inserts. "Balancing between insert capacities and bending stresses becomes a challenge when panels contain this much insulation," stated Samuel. With the help of Meadow Burke's proprietary in-house Tilt-Up program, Samuel was able to analyze the panels to limit the amount of reinforcing required while ensuring the panels did not crack during erection.

The panels, which were casted on site, used a variety of Meadow Burke accessories such as the [Rapid Lok](#), Rapid Lift Anchors, the Erector Connector and Tilt-Up Braces. Often used in both Tilt-Up and precast, the Rapid Lok helped to eliminate many field welding operations and allowed for ease of setting the floor slabs by avoiding the use of cast in concrete corbels, limiting time and hassles during erection. The Rapid Lift system [RL-23 Spread Anchor](#) and the [RL-24 Plate Anchor](#) was selected for their exceptional pull out capacity and

Continued on Page 2

2 Insulated Tilt-Up (continued)

minimal concrete requirement. The RL-23 and RL-24 anchors can be used in tension and shear conditions whether for stripping or rotation as long as minimum edge distance is maintained. The RL-24 Plate Anchor is ideal for stripping, handling, and erection applications. Also used on the job was Meadow Burke's [Erector Connector](#). Due to its flexibility, the Erector Connector eliminates tension loads to the panel connections while maintaining a high resistance capacity to horizontal and vertical shear, and eliminates any need for slugs when making the connection.

As part of the Tilt-Up process, the [Super 32](#) and the [Super 52](#) fixed length braces were required and used. The Super 32 Brace was used to brace the 44 foot upper level panels to the interior floor system. The Super 32 Brace allows for 18 inches of adjustment and has an ultimate capacity of 13,500 lbs. The Super 52 Brace fixed-length brace was used to brace the bottom 66 foot panels and has an ultimate capacity of 16,050 lbs.

All together there were 43 lower panels and 30 upper panels. The lifting of the panels was a complete success and presented no issues. Aside from the innovative products that were used, the tall insulated panels used in the construction made this job particularly unique. The insulation in the panel provides the facility with a stable and temperature controlled environment to ensure a pristine final product. The job was particularly rewarding for Meadow Burke engineer Samuel Gallagher. As he has worked on many precast projects, this was his first Tilt-Up job in which he states his fellow coworkers provided him with a great deal of support on.



Record Breaking Months for Engineering!

This quarter, the Tilt-Up Engineering team broke a revenue record three times! The highest record month happened in July with August also setting a new high mark. Not only has the team broken impressive revenue records but they have also been showing impressive lead times. In the last five years, Meadow Burke has doubled the number of engineers on the team since there has been a steady increase in Tilt-Up construction. Now that lead times are at a manageable level, the team is able to focus on getting into new markets and growing in others. The Tilt-Up Engineering team at Meadow Burke has the most combined experience of any other engineering team in this industry and they are recognized as the leaders in Tilt-Up. Keep up the great work team!

Project Update: Panorama Tower

Tallest Insulated Tilt-Up Panels Erected for a Precast Dairy Plant

Here are a few images showing the latest progress of the Panorama Tower in Miami, FL. Meadow Burke supplied all of the bar supports with Gerdau as well as the Tuff Chairs for the PT portion with Suncoast Post Tension. The Panorama Tower was the largest concrete pour in Florida. The pour can be seen in this [time lapse video](#).



An architectural rendering of Miami's Panorama Tower.



MEET the Marketing Team



Denise Senior: VP of Marketing

Denise joined Meadow Burke in 2013 to further develop the company's sales and marketing capabilities by leading through innovative market strategies and new business development tactics. Denise came to Meadow Burke with 8 years of experience within a Global Contract Services Company where she was instrumental in new business sales and marketing strategies as well as brand and product extension introductions and launches. A few of her biggest accomplishments thus far have been implementing new and innovative digital capabilities including website additions and working with product managers to successfully launch new products. She currently leads the marketing team based in Tampa.



Brenda Whitlock: Marketing Coordinator

Brenda has been with Meadow Burke for 33 years beginning with Meadow Steel. She has held various positions over the years including as an administrator and helping to manage accounting and payroll. She currently works alongside the marketing team where she is responsible for email campaigns, coordinating industry tradeshows, managing the company's associations, assisting the sales managers, managing the live chat function on the website as well as other office duties for the Tampa location. Brenda also coordinates events inside and outside the office including holiday lunches within the office and community events like the 5K Moffit Cancer Race as part of Meadow Burke's community involvement efforts.



Melissa McDonald: Marketing and Sales Analyst

Melissa joined Meadow Burke 10 years ago as an inside sales representative. She has previously worked in the Atlanta office where she was an inside sales manager. She now works with the marketing team managing the reporting for sales and analyzing customer insights for all of the sales team. Melissa also works on the Lockable Dowel and Double Shear Dowel quoting and the lead management process as part of the website. She works with the marketing team on various campaigns including tradeshow planning and other events and she assists both the outside sales and inside sales teams and leads trainings on products and processes. Melissa is currently pursuing a BS in Business Management.



Angela Lucas: Digital Marketing Specialist

Angela joined the Tampa marketing team at Meadow Burke in 2015 as the Digital Marketing Specialist. Her responsibilities include assisting with the management of the website, developing content such as the newsletters, graphics and other materials, running the company's social media accounts and improving the company's Search Engine Optimization. Prior to Meadow Burke, Angela was working for a content marketing firm where she was the production manager. Angela currently works with the marketing team assisting with email campaigns, creating support material for sales and assisting with the planning of tradeshows, meetings and other events within and outside of the company.

Community, Health and Wellness



Plant Manager, Carl Allen (Not pictured), Assistant Plant Manager, Lou Reyes and Isabel Rangel dropped the supplies off to the assistant principle as the principle was out that day.

Converse, Texas

Meadow Burke Converse donated school supplies again this year to Converse Elementary. This year was even more successful. Over 200 crayon packs, glue, scissors, paper, folders, back packs, lunch boxes and much more was donated by the employees.

Each department decorated their own school supply box and the winners were awarded a free lunch.



SOUTHTEXASBLOOD.ORG

Converse employees also partnered with the south Texas Blood & Tissue Center and hosted a blood drive. Thanks to Wilmar Martinez who organized and coordinated the event.

"Wow, Will! What an incredible blood drive! We were able to collect 31 units of precious blood. Your guys were amazing!"

Thank you!"

– Beth

Meadow Burke Launches Distributor Finder on Website

Meadow Burke has recently launched a new tool upon its website, The Distributor Finder, now making it faster and easier for our customers to buy the products they need! As customers view the products on the website, they will now be able to locate their local distributor who sells that product by entering their zip code into the MB Distributor Finder. They will then be provided with a list of the closest distributors to contact for pricing and availability for that product(s).

To check out the new Distributor Finder: [Click Here](#)



Our Core Values

Meadow Burke is a leading manufacturer of Tilt-Up, precast, forming, reinforcing and bridge concrete accessories. Our products are sold and distributed throughout North America to help connect, form, reinforce and lift concrete.

- SAFETY:** Keep our colleagues, customers and end users safe and healthy.
- QUALITY:** The relentless pursuit of better solutions.
- PEOPLE:** Invest in our people, so they become passionate about helping you to succeed.
- SERVICE:** Focus on customer satisfaction above and beyond what is expected.
- COMMUNITY:** Recognizing our duty as stewards of our neighborhoods, economy and environment.



Meadow Burke Has Gone Social.
Follow and share our posts!

