

FEBRUARY CULTEC Update

Stormwater Management for Residential Applications



In undeveloped areas, rainwater can be absorbed directly into the ground. When an area is developed, however, buildings and parking areas overcome the natural absorption process where the rain would normally be infiltrated into the soil.

These impervious structures offset the typical absorption pattern. As a result, when the rain is not allowed to penetrate it begins to build up, causing ponding or flooding and/or begins to flow to another location. To avoid these issues, a stormwater management system is used.

Dome-shaped and fully open bottom, **CULTEC's plastic corrugated chambers** allow stormwater to be stored within the dome void until it can infiltrate into the ground, freeing up land areas that would be required for open retention/detention ponds by putting stormwater management underground.

If you have customers looking for help with residential stormwater, download our PDF of information <u>here.</u>



Industry Updates and Projects

IECA Conference - February 23 - 26

CULTEC's Southeast Sales Manager, **Jon Shell**, will be on-site for the 2020 IECA Annual Conference in Raleigh, NC.

The conference is from Sunday, February 23rd to Wednesday, February 26th.

Team CULTEC will be at <u>Booth #423</u>. If you're attending the show, drop by our booth for some stormwater conversation and premium giveaway items.

Looking forward to seeing you.

Case Study: Yankee Ford Dealership

In Southern Maine, Yankee Ford was planning an expansion into a vacant lot across from their current location. However, the soil characteristics in this lot were characterized as packed clay, proving to be an issue for stormwater management system installation.

CULTEC, Inc. worked together with Sitelines, PA to develop a stormwater system to assuage these concerns. Contractor Peter Overlock, Earthwork Artist installed the two bed, 12,884 SF system. <u>Read more about this</u> install here.





Employee Spotlight: Yesika Peña

Yesika Peña is CULTEC's lead project estimator. Peña has her degree in Interior Architecture and Design from the University of New Haven and has been with CULTEC for nearly 3 years. Prior to her role at CULTEC, Peña worked as an Architectural Drafter and Technical Drafter at other area firms.

Highly skilled in both AutoCAD designing and working with the sales team, Peña works to help estimate the pricing on jobs alongside logistics and production.

Peña is looking forward to the department's continued growth and being able to continue contributing to the design and estimation process at **CULTEC.**