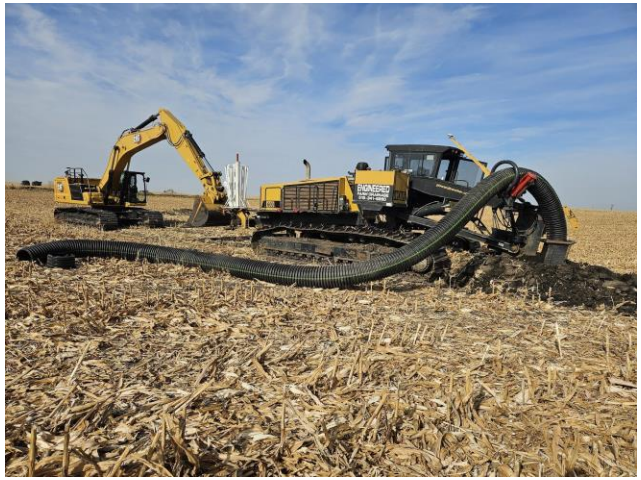
Trimble GPS & Maverick Locating Equipment

Advanced layout, sizing, design and installation



Tile your field to store more yield

Services: Drainage, Grading, Excavating, Land Clearing, Site Prep., Material Hauling, Utilities

Engineered
Farm Drainage

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Engineered Farm Drainage was purpose-built to help farmers improve soil health, increase yield while utilizing inputs and efficiently complete field work in a timely manner. Tile will optimize your time as well as costly inputs and maximize your yields.

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Step 1: Discuss & Determine

What are your Drainage Goals?

- Timely field working conditions during spring planting and fall harvest?
- Set a budget & develop a long-term plan?
- An IRS deduction for tax benefits?
- Lower soil erosion throughout your field?
- Decreasing soil compaction?
- Higher drought tolerance due to deeper and more developed root systems?
- Higher input absorption and utilization?
- Increasing crop yields through a healthier soil environment?
  - Corn yield increase 15-40%
  - Soybean yield increase 10-30%
- Increasing Return on Investment (ROI)?
- Environmental Conservation Practices?
- Decreasing stress on YOU and the crops?

Those are just to name a few possible drainage goals that we can help you with when you call!

★ Take your crops from only surviving to thriving!

★ Increase farm productivity for more profitability!

Step 2: Design & Develop

How to Achieve Your Drainage Goals?

We will assess, design, and develop a specific drainage plan that is tailored for your project.

Here are some actions we implement for you

- We thoroughly evaluate relevant information such as drainage maps, GIS, LiDar, soils, topography, climate, water table level, crops grown, field use, regulations, as well as other factors which enable us to create customized drainage plans for your farm's unique conditions and requirements.
- Correct pipe size will be determined for acres needing drained
- Grade requirements will be calculated and needs determined
- Strategically placed tile lines will be positioned for future tile additions and complement existing natural topography
- We utilize a Wolfe 600 parallel link plow to automate the tile installation process
- Various drainage preferences can be discussed and incorporated
- Bright, full colored, digital, GPS map of completed assessment and/or project

Step 3: Deploy & Deliver

When & Where to Begin Installation?

It's crucial to have the designed drainage system installed correctly and quickly

Farm Drainage should be a once in a lifetime expenditure, you want the work done to the highest standard the first time

We will always communicate a timeline of work progress from beginning to completion

Finally, once we have a drainage plan, know the clients time frame and when conditions are appropriate, we will then mobilize equipment to begin work.

Deep-rooted cover crops such as **Brassica Radish**, **Triticale** or **Cereal Rye** help to break up compaction deeper into the soil profile. While crops with a more fibrous root system such as **Oats**, **Turnips** and **Red Clover** will help break up crusting toward the top of the soil profile.