I&S GROUP
One firm - start to finish™

Structural Engineering
WIND ENERGY STRUCTURES

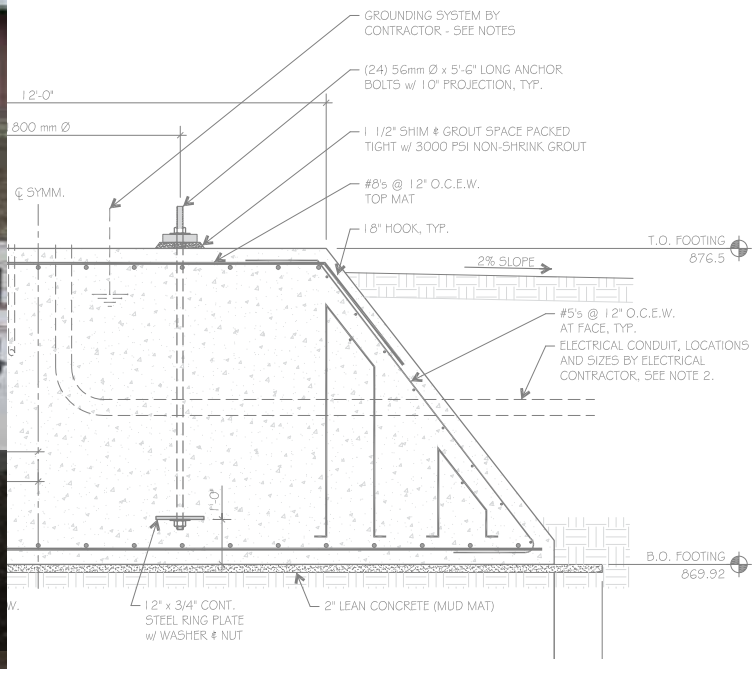
As the need for alternative energy sources expands, the desire for additional wind energy capacity continues to grow. I&S Group structural engineers are prepared to meet this need by providing cost effective and timely service in the design of the foundations for these facilities.

We have experience in numerous foundation types. Among the most common in the wind energy field are spread (shallow) foundations, drilled piers (deep foundation), and helical piers (deep foundation). The selection of foundation type is based on the geotechnical characteristics of the soil at the location of the tower. As this can vary across a site, each tower is individually reviewed and designed to determine the most efficient design.

Quality construction practices are equally important to the success of the project as the design. To this end, I&S also provides construction inspection services to ensure that the facility is built to the specifications.

Throughout the design process, we stress an open dialog between all parties involved in the project to maximize the value of our services. We understand the investment necessary to make a wind energy project a reality, and we strive to be flexible and timely in the services we deliver.

I&S Group engineers are licensed in numerous states, including three of the top 5 wind energy production states, which together account for over 75% of the current wind energy production in the United States. We are also NCEES certified, which allows us to quickly obtain licensure in additional states.



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