Development of Master Site Plan
Trinity Acres Youth Camp

Our Team
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• Geotechnical: Jordan Panek & Chad Smedley
• Environmental: Mary Hassan & Adrian Goldberg
• Structural: Christopher Urtz
• Construction Management: Kai Sun & Alexandra Paul

Site Layout

Future Development
The client hopes to completely develop Trinity Acres into an all-seasons youth camp and retreat for the larger community. They would like to expand the property’s capabilities in order to accommodate a larger day camp, sleepover camp, and retreat center/reception hall for the off-season. Details of development will be described in the following Scope of Work.

With the presentation of a master site plan, the owner can access a trust fund that will help to begin construction. The master plan will also be used to help raise more funding for the remainder of development.

Scope of Work
Our team was responsible for the creation of this master site plan for future development. The following activities were included in our scope of work:

• Zoning & permitting study
• Utilities design
• Preliminary stormwater management analysis & erosion/sediment control
• Engineering cost estimate and general schedule
• Barn renovation/repurpose
• Conceptual planning for:
  • Ten small cabins
  • Bathroom/shower facility
  • Zip line & ropes course
  • Paintball field
  • Archery range
  • Climbing wall
  • Small Stage
  • Parking expansion
  • Walking trails

Sanitary Sewer Service Line
After reviewing design parameters, our team determined the proper method of sanitary sewage infrastructure design. A public sewage tie-in was chosen and piping was laid out to the necessary structures.