

## Project Summary

### Sweetbrier Condominiums Madison Village, Lake County, Ohio

- Boundary and Topographic Survey
- Roadway Layout and Design
- Utilities Layout and Design
- Stormwater Management
- FEMA Floodplain Study
- Pre-stressed Pre-cast Bridge
- Construction Layout Staking

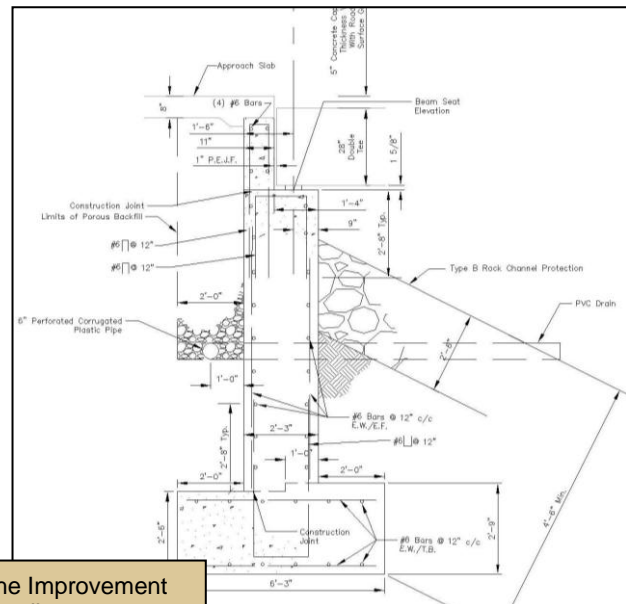
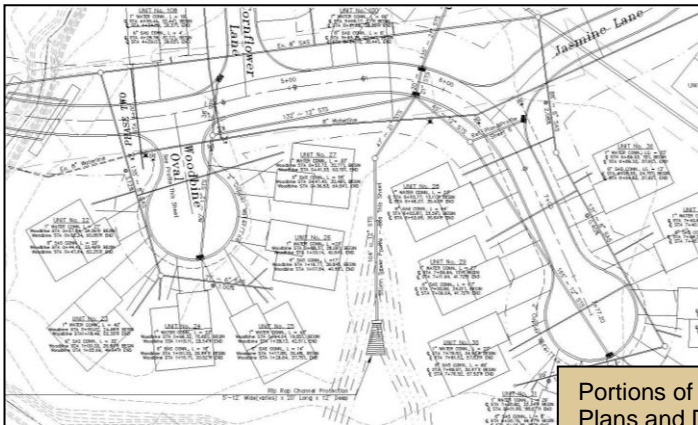
Foresight Engineering completed the site work design for a three-phase residential condominium development.

The development included a total of 113 units and approximately 4,000 linear feet of private roadway, containing nine cul-de-sacs.

The Project Site is bisected by Rand Ditch, a tributary to Arcola Creek. Foresight Engineering designed a pre-stressed pre-cast bridge for the roadway over the ditch. Additionally, Foresight Engineering completed a Federal Emergency Management Agency (FEMA) Floodplain Study to ensure the site compliance with all applicable floodplain building requirements.



Pre-stressed Pre-cast Bridge



Portions of the Improvement Plans and Details



Aerial Photograph of Sweet Brier Condominiums