



Bay County Shopping Center

Jaxson Goff, Austin Childree, Clay Crisp, Jayce McLendon, Nolan Baxley

Abstract

Shopping center with three retail buildings located at the intersection of Highway 79 and Highway 388 in Bay County, FL. This retail location will offer Bay County residents and tourist alike, a well-constructed retail location.

Objective

- **Structural**
 - 3 Retail Store Fronts
- **Geotech**
 - Foundation Design
- **Transportation**
 - Flexible Pavement Design
- **Stormwater**
 - SWMF Design
 - Grading and Drainage
- **Utilities**
 - Sanitary Sewer
 - Including Low Pressure, Gravity, and Lift Station Design.

Structural

- AISC
- LRFD

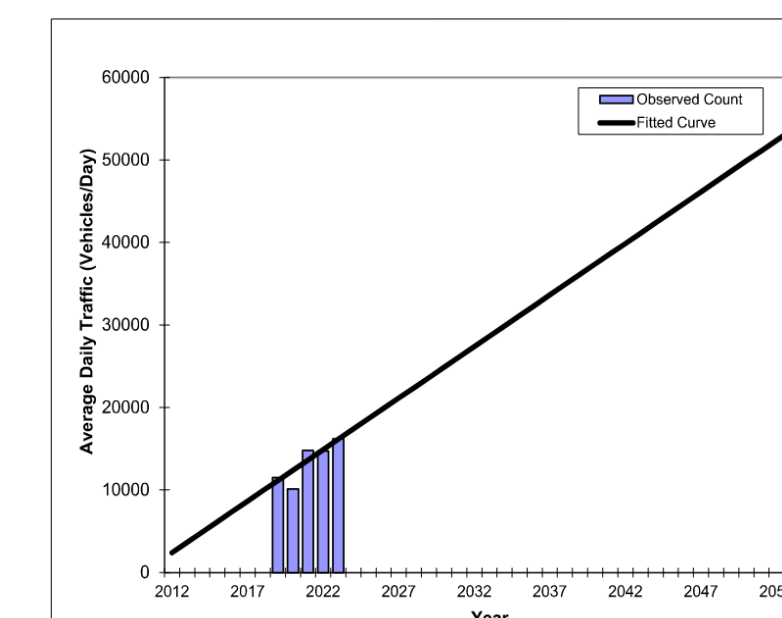


Geotech

- Foundation Designs
 - Pile Foundation
 - Mat Foundation

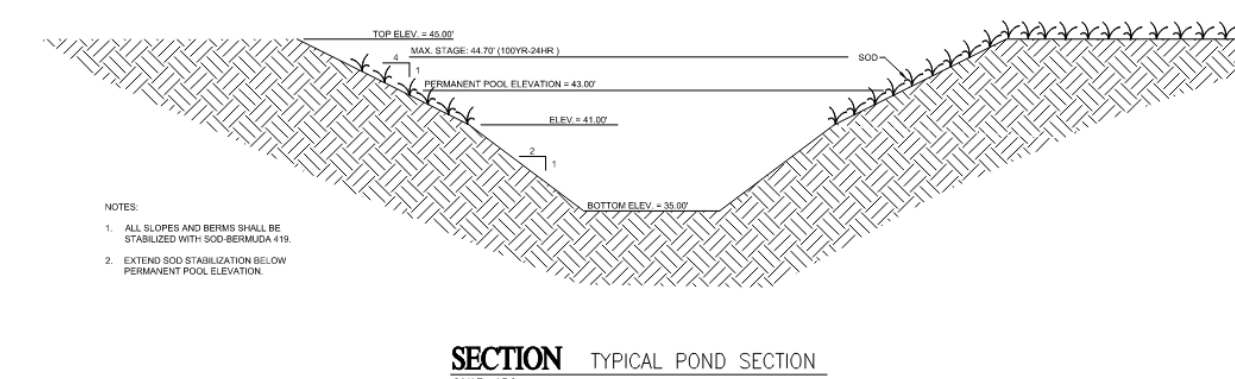
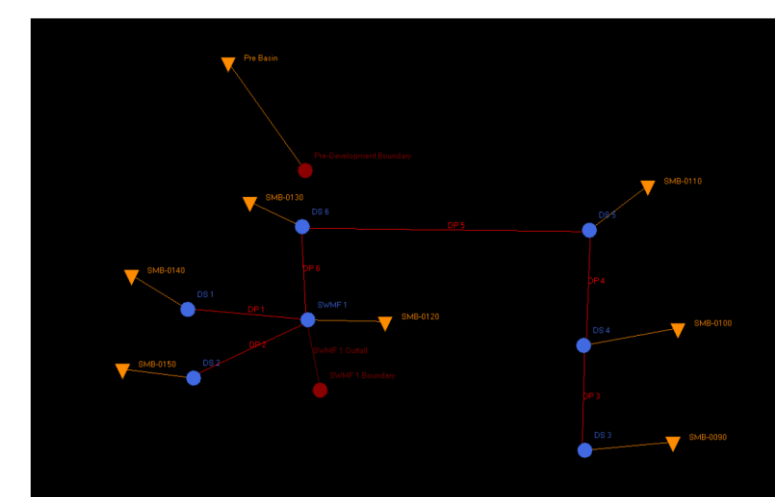
Transportation

- Traffic Forecast
- Typical Section



Stormwater

- Stormwater Analysis
- Grading and Drainage Plan
- Stormwater Management Facility



StormWise

Utilities

- Gravity Sewer
 - Scour Velocity & Pipe Slope Analysis
- Low Pressure Sewer
- Lift Station Design



Acknowledgements:

Chris Forehand, P.E., Tyler Robinsons, P.E.
 Seth Simmons, P.E., Justin Ford, P.E.
 Richard Pfuntner, P.E.,
 Antonio Adessi, LEED AP, Jack Husband, P.E.