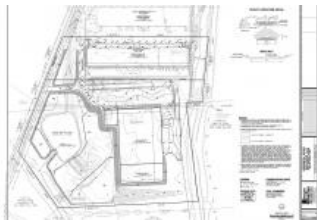
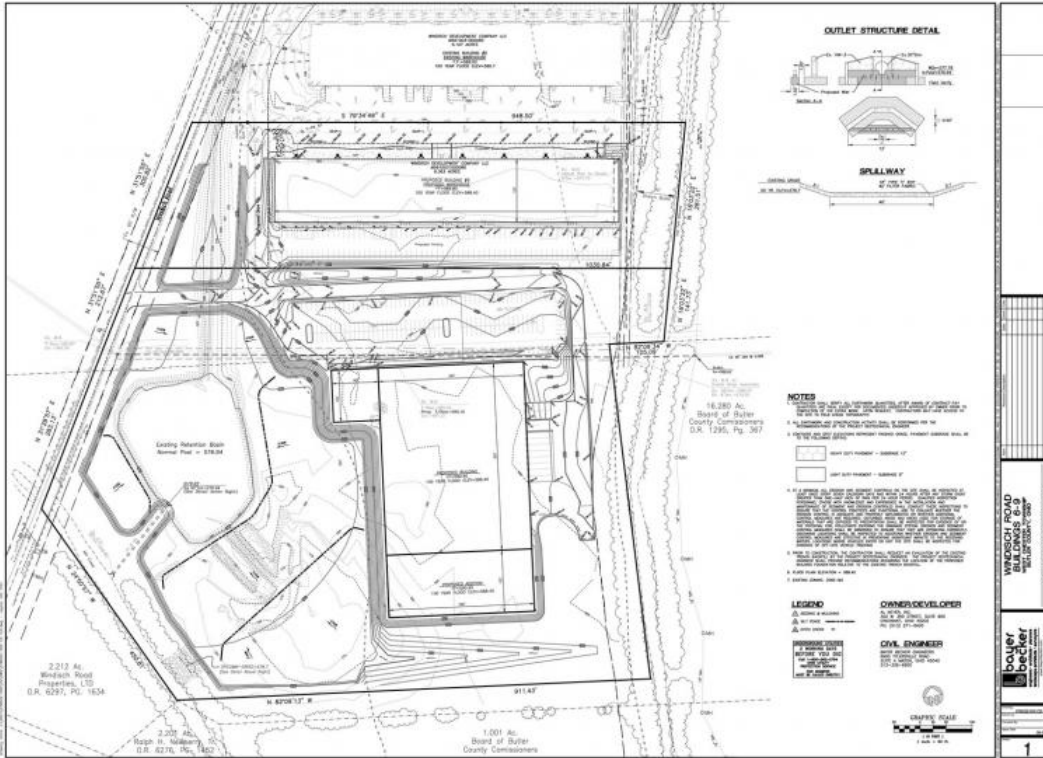


Windisch Road Buildings 6 & 7 Stormwater Analysis

West Chester, OH



Project Stats

| | |
|----------------------|--|
| Client: | Al. Neyer, Inc. |
| Location: | West Chester, OH |
| Year: | 2007 |
| Market: | Storm Water Infrastructure |
| Project Size: | 1190000.00 sq ft - Building Pad |

Services Provided:

SURVEYING SERVICES

- Boundary Surveys
- Easement Exhibits & Descriptions
- FEMA Elevation Certificates
- Legal Descriptions
- Location Surveys

CIVIL ENGINEERING SERVICES

- Erosion Control Planning, Permitting & Inspection
- Flood Plain Analysis and Permitting
- Grading & Earthwork Analysis
- Hydrologic & Hydraulic Analysis
- Storm Water Collection System
- Storm Water Control Facilities
- Storm Water Pollution Prevention Plans

Bayer Becker served as the engineer of record for the Windisch Road Industrial Park. Two of the proposed park's buildings were located in a special flood hazard area within the regulatory floodway. For earthwork activities to take place a floodplain analysis and cut/fill balance verification had to be completed. Bayer Becker prepared a mass earthwork plan and storm water pollution prevention plan for the facilities. The earthwork plan was prepared for the construction of building pads above the base flood elevation of the Mill Creek while simultaneously providing compensatory flood storage, required detention volume and post construction water quality volume. Bayer Becker's analysis of the Mill Creek floodplain also included preparing several models which were prepared in a matter suitable for inclusion in a CLOMR application to FEMA. In addition to the models and cut/fill services Bayer Becker provided complete design of the storm water management system including the storm sewer and culvert sizing, basin design and post construction water quality BMPs.