

SAFFORD COMMONS HOUSING STREETSCAPES DESIGN

TOWN OF WOODSTOCK, VERMONT



Completed Project



Stormwater Pond

Dufresne Group (DG) provided civil and site engineering as a subconsultant to Duncan Wisniewski Architects for the Safford Commons housing project in Woodstock, VT. The design included site grading, roadway and sidewalk, and curb for a 36 unit residential development.

The roadway design for this project included the following aspects:

- 1,100 of new roadway including pavement and subbase gravels.
- Curbing used throughout the project to define the roadway and aid in stormwater collection.
- On and off street parking.
- Site access road from Route 4, which required design and permitting in accordance with the Vermont Agency of Transportation Standards and Details.
- Site grading of the entrance road required detailed reviews of cross-sections to maintain limits of grading within property boundaries.

Permits Included:

- Act 250
- General Permit #3-9015 to Discharge Stormwater
- Construction Permit for Public Community Water System
- Wastewater System & Potable Water Supply Permit
- Low Risk Notice of Intent Under Construction General Permit 3-90203
- VTrans Access Permit

KEY FEATURES:

- Offsite stormwater treatment and detention pond for no net increase in stormwater runoff post development.
- Water supply from Woodstock Aqueduct Company.
- Sanitary sewer discharge to town collection system.
- Grading for building site in areas where existing grade varied from 15% - 20%.
- Soccer field design upland stormwater diversion swales.