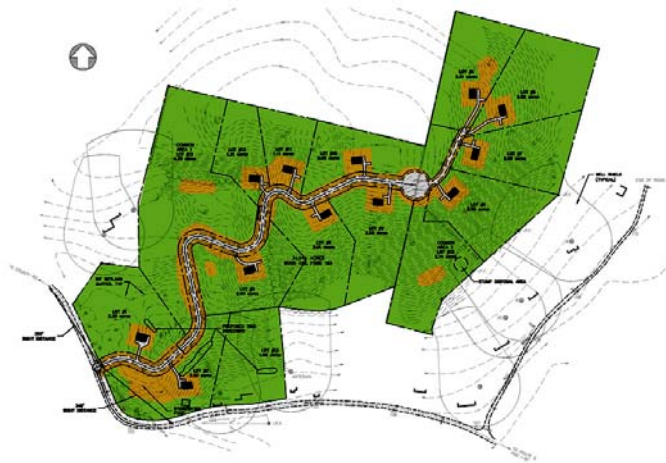


CIVIL ENGINEERING & PERMIT ASSISTANCE 13 UNIT RESIDENTIAL HOUSING SUBDIVISION HARTLAND, VERMONT



Dufresne Group (DG) provided civil/site engineering for a 13 residential single lot subdivision on Rice Road in Hartland, Vermont. DG provided both topographic and land survey services using a robotic total station unit that significantly reduces time in the field. DG also served as the civil engineer, land planner, project team leader, and permit liaison coordinator for obtaining State and Federal permits. DG proactively worked with the following sub-consultants to insure the Act 250 permit process was efficient:

- Gilman & Briggs, Wetland Consultants
- Richard Hodge, Agricultural Specialist
- Darryl Calkins, Septic Services (on-site system site tech designer)
- Hoffer Consulting (Hydrogeologist)

PROJECT COMPONENTS

- 1,900 linear feet of roadway
- 150 feet of storm drain
- 2,000 feet of gravity collection sewer
- 700 feet of force main
- Two sewage effluent pump stations

PERMITS OBTAINED

- Wastewater Disposal and Potable Water Supply Permit
- Road Access Permit from the Town
- Stormwater Discharge Permit
- General Permit from the Corps of Engineers
- Act 250 State Land Use Permit
- Stormwater Construction General Permit