



Carvel Property Development
Towns of Pine Plains and Milan
Dutchess County, New York State

ECOLOGICAL COMMUNITIES

LEGEND:

- OPEN UPLANDS**
- OF Successional Old Field
 - SL Shrubland
- WOODLANDS**
- RF Red Cedar Rocky Summit
 - RW Successional Red Cedar Woodland
 - PP Pitch Pine-Oak-Heath Rocky Summit
- FORESTED UPLANDS**
- H Hardwoods
 - Successional Northern Hardwoods
 - Successional Southern Hardwoods
 - Appalachian Oak - Hickory Forest
 - Chestnut Oak Forest
 - CH Mixed Conifer Hardwoods
 - Hemlock - Northern Hardwood Forest
 - Mixed Associations
 - Successional Northern Hardwoods
 - Successional Southern Hardwoods
 - Successional Red Cedar Woodland
 - AO Appalachian Oak - Pine Forest
 - C Conifer Stands
- OPEN MINERAL SOILS WETLANDS**
- M Marsh
 - Deep Emergent Marsh
 - Shallow Emergent Marsh
 - WM Wet Meadow
 - MS Wet Meadow-Shrub Swamp Complex
 - ST Shrub Swamp
 - LS Inland Non - Calcareous Lake Shore
- FORESTED MINERAL SOILS WETLANDS**
- HS Red Maple - Hardwood Swamp
 - VP Vernal Pool
- NATURAL STREAMS AND PONDS**
- EP Eutrophic Pond
 - NP Natural Pond
 - Perennial Stream
 - Wetland Headwater Stream
 - Midreach Stream
 - Intermittent Stream
- CULTURAL**
- F Active Agricultural Field
 - CP Conifer Plantation
 - L Mowed Lawn With Trees
 - RS Residential
 - Q Quarry
 - Reservoir - Artificial Impoundment
 - FP Farm Pond - Artificial Pond
 - D Ditch - Artificial Intermittent Stream
- OTHER BOUNDARIES**
- Site Boundary
 - Municipal Boundary
 - County Boundary
 - Project Overlay
 - Property Not Owned By Project Sponsor

OBSERVED LOCATIONS OF NYSDEC-LISTED THREATENED PLANT SPECIES

- Prickly Hornwort (*Ceratophyllum echinatum*)
 - Bicknell's Sedge (*Carex bicknellii*)
- OBSERVED NYSDEC-LISTED RARE PLANT SPECIES**
- Jack Pine (*Pinus banksiana*)
 - False Hop Sedge (*Carex lupuliformis*)

- NOTES:**
1. Map is intended to be used for GENERAL REFERENCE only.
 2. 2004 Digital Ortho Photography obtained from NYS GIS Clearinghouse <<www.nysgis.state.ny.us>>, 2006
 3. Mapped wetland boundaries based upon delineation by MDRA and survey by TCC, 2003 - 2006 and May 2010.
 4. Mapped ecological communities based upon field survey conducted by MDRA, 2003 - 2006 and May 2010.
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Matthew D. Rudikoff Associates, INC.
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LEGEND COLORS APPLY TO PINE PLAINS ONLY

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR. BLACK AND WHITE COPIES MAY NOT DISPLAY INFORMATION CORRECTLY.



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