

FY-16 Quabbin Forestry Proposals Quabbin/Ware Region

Commonwealth of Massachusetts
Department of Conservation and Recreation
Division of Water Supply Protection



Summary of silviculture

Target low quality poor vigor stands

Create irregular shaped openings

Create maximum opening size of 2 acres

except in Red Pine plantations where openings will be larger – up to 5 acres

Leave the biggest and best formed trees in the openings

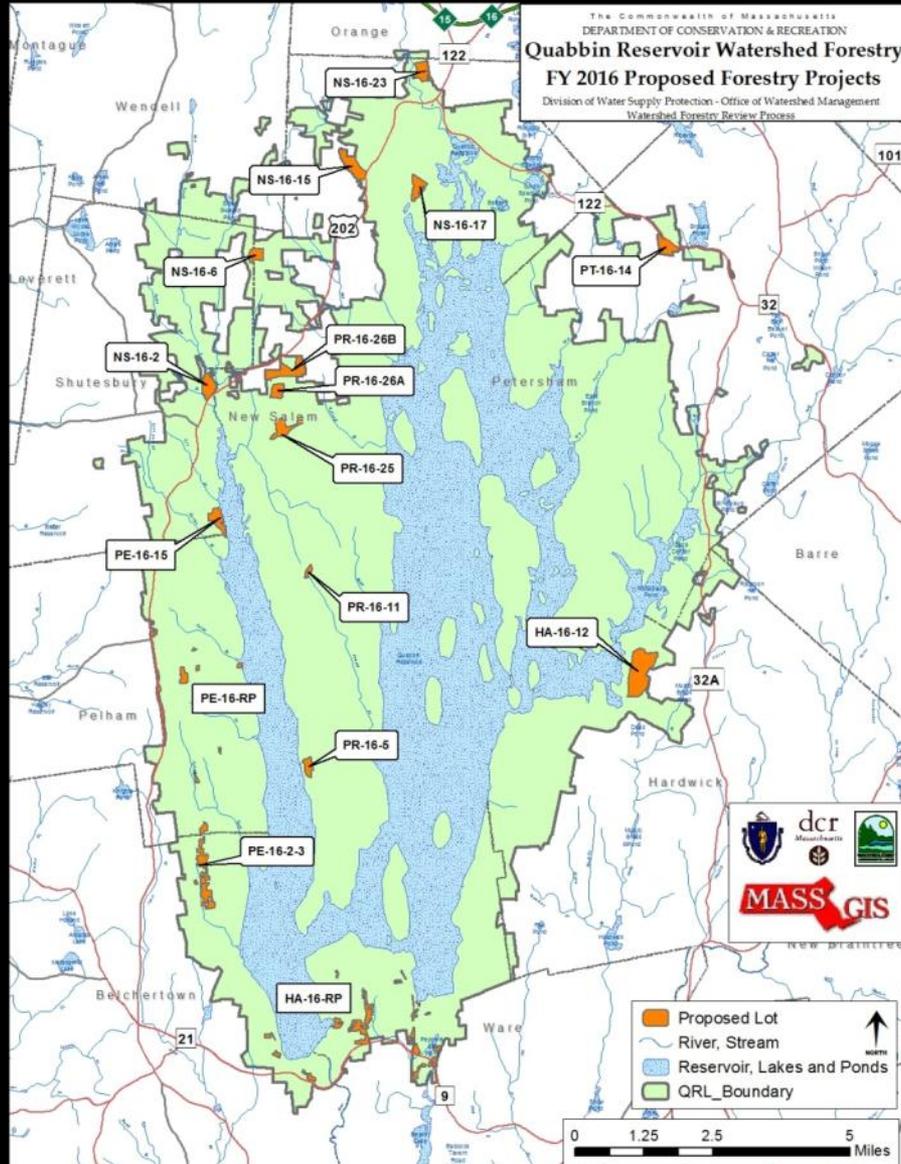
Regeneration Openings Summary

- ✓ Total area in regeneration openings for these 16 proposals will be less than 380 acres, less than 1% of our forest.



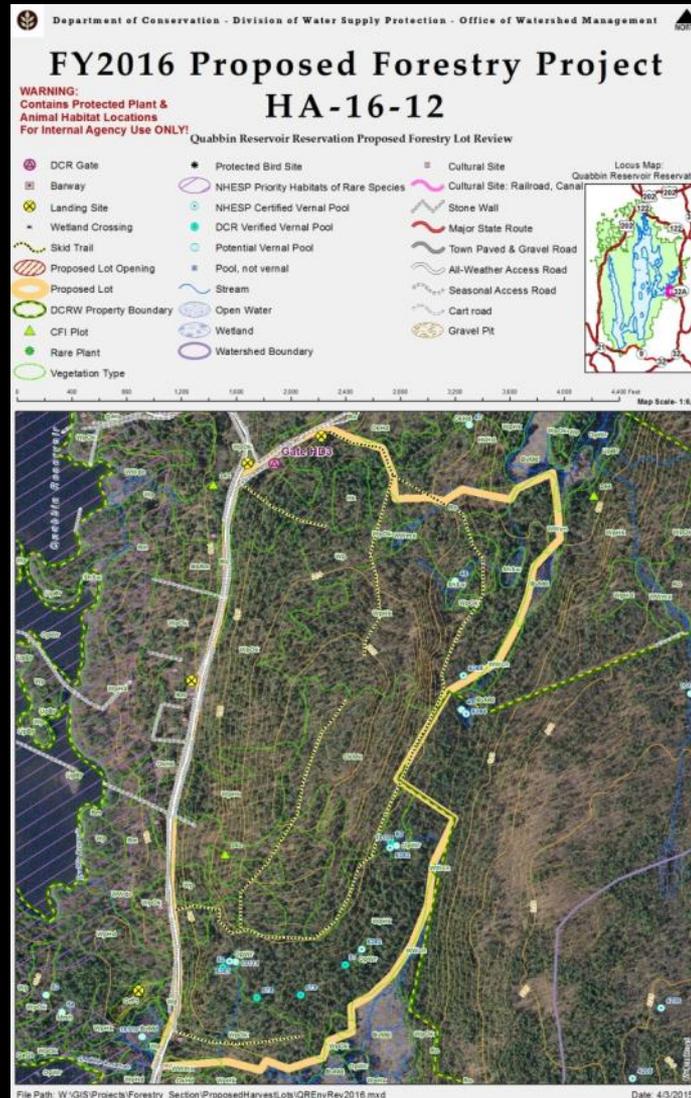
Quabbin Forestry proposals for FY-16

21 Lot proposals



Gate 43 Lot

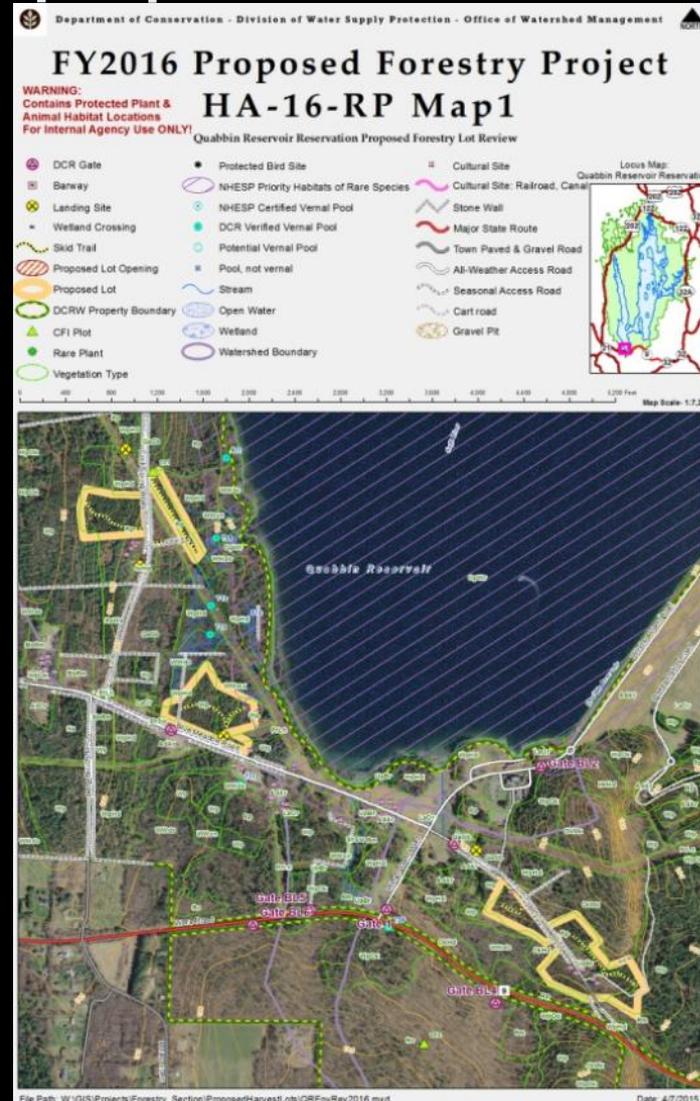
- ✓ 192 acres
- ✓ Predominately white pine, hemlock and oak
- ✓ Hemlock has insect issues
- ✓ 0.75 acre Average opening size
- ✓ Input?



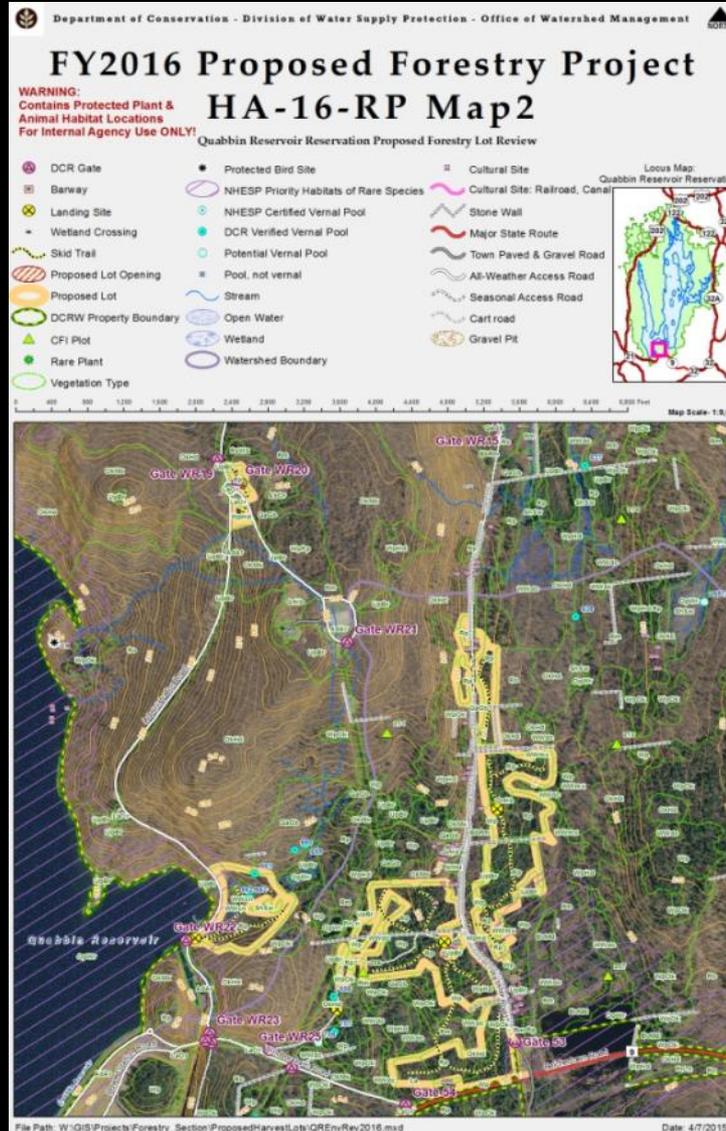
Quabbin Park Red Pine

Lots 1-4

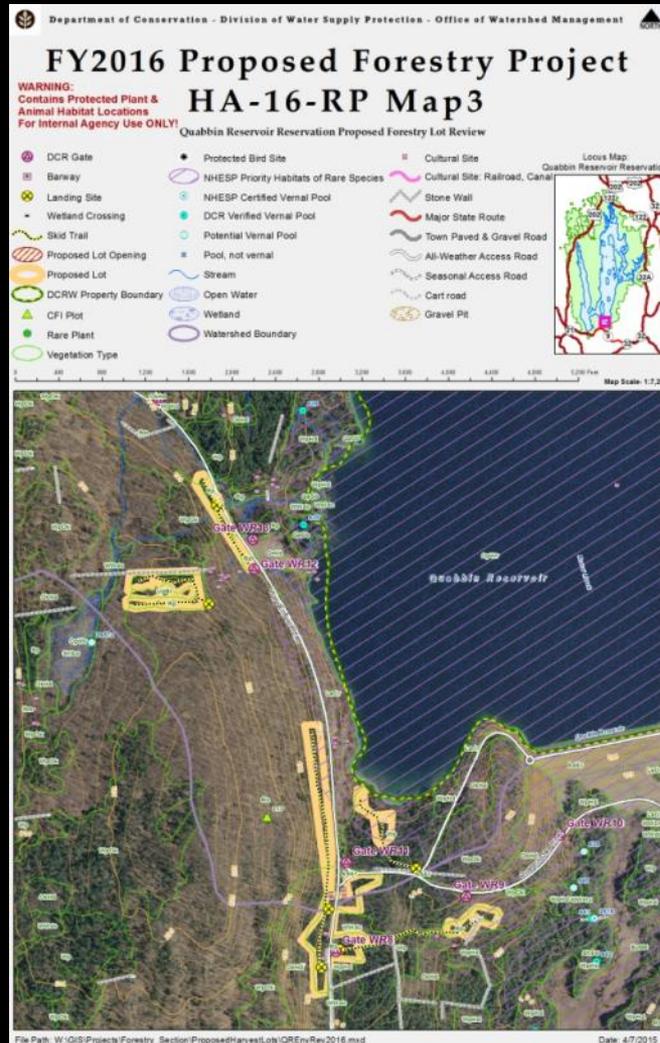
- ✓ 4 lots in Quabbin Park:
- ✓ 185 acres
- ✓ Predominately Red Pine
- ✓ Insect issues
- ✓ Opening sizes range from 1-5 acres
- ✓ Input?



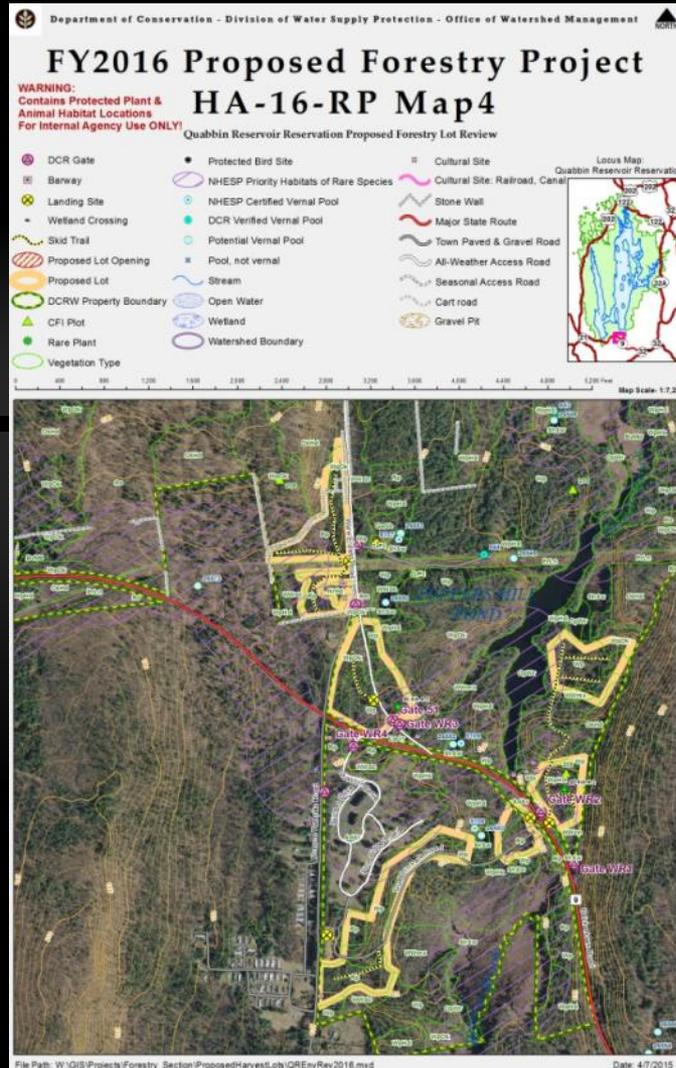
Quabbin Park Red Pine Lot 2



Quabbin Park Red Pine Lot 3



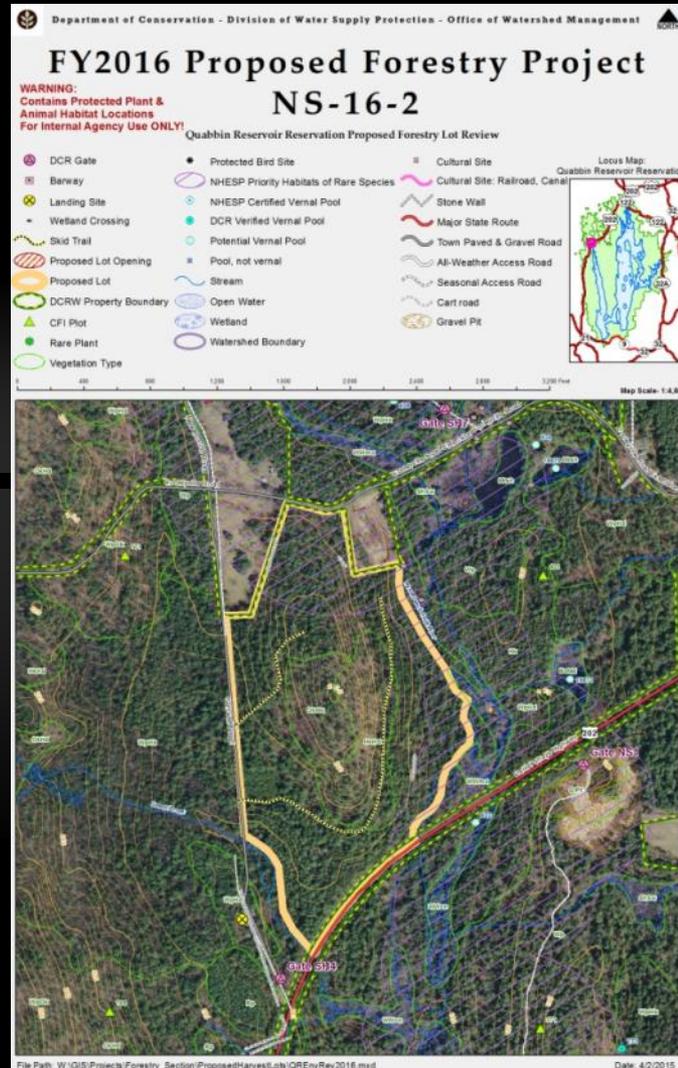
Quabbin Park Red Pine Lot 4



Camel Brook Lot

- ✓ 56 acres
- ✓ Predominately white pine, hemlock and mixed hardwoods
- ✓ Hemlock is declining due to insects
- ✓ NHESP bubble
- ✓ Average opening size of 0.5 acre

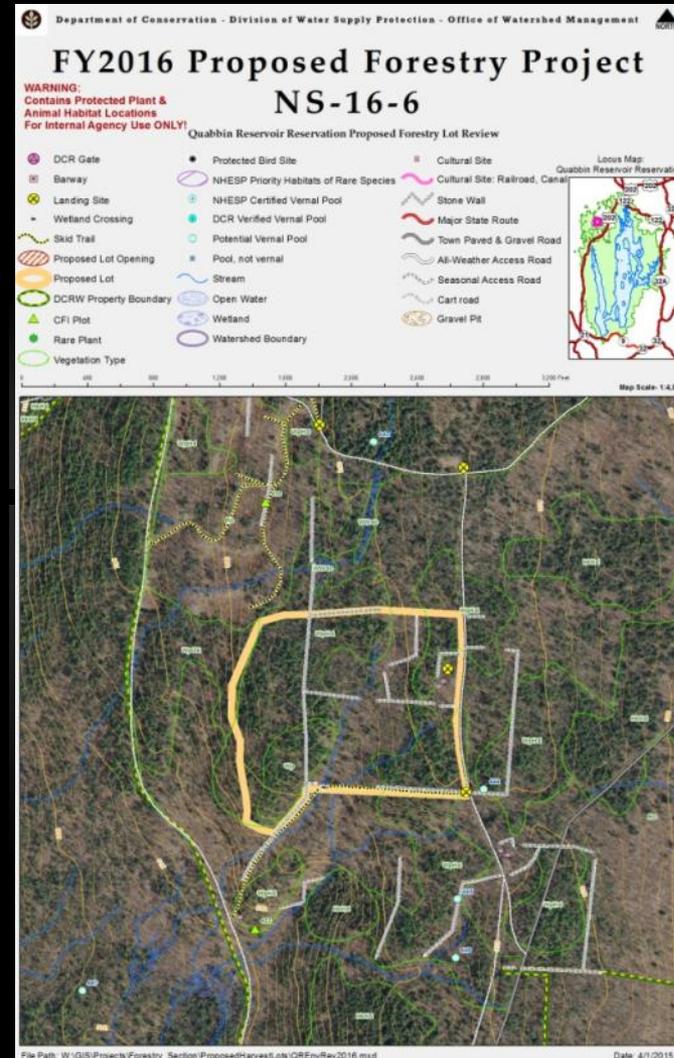
Input?



Macedonia Road Lot

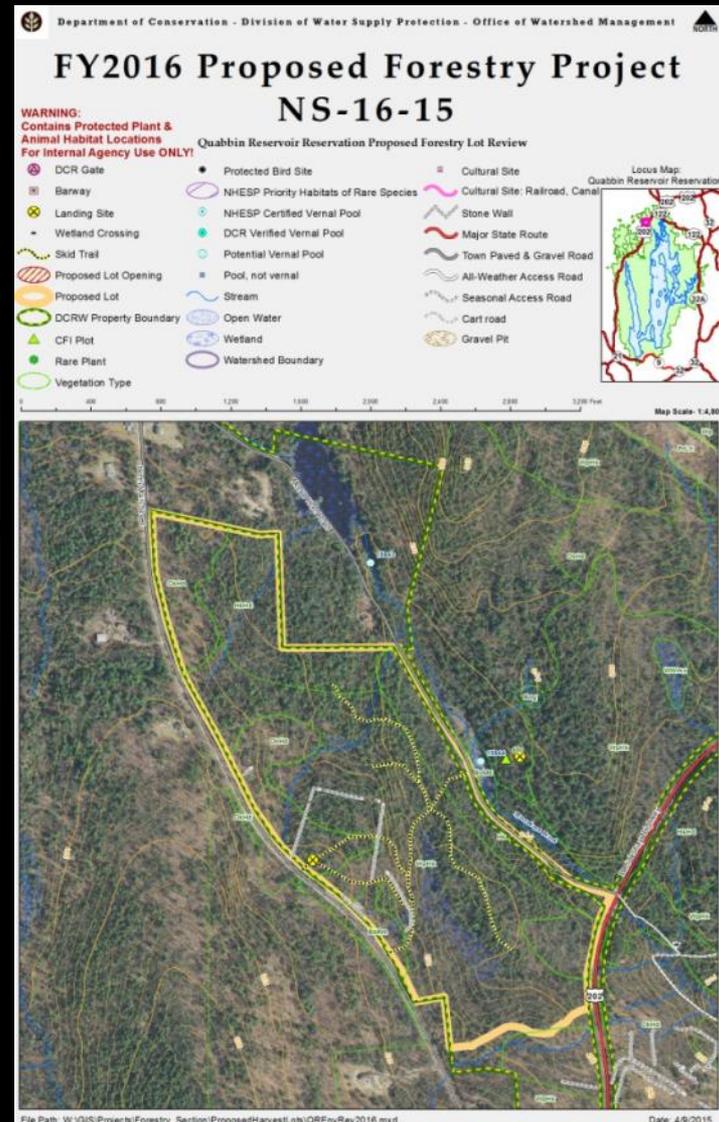
- ✓ 35 acres
- ✓ Predominately white pine hardwood
- ✓ Advance regeneration from past harvest
- ✓ Average opening size of 0.5 acre, 1 acre max

input?



North Main Street Lot

- ✓ 77 acres
- ✓ White pine hemlock stand
- ✓ Declining hemlock
- ✓ Vernal pools streams and wetlands
- ✓ Average opening size of 0.5 acres
- ✓ input

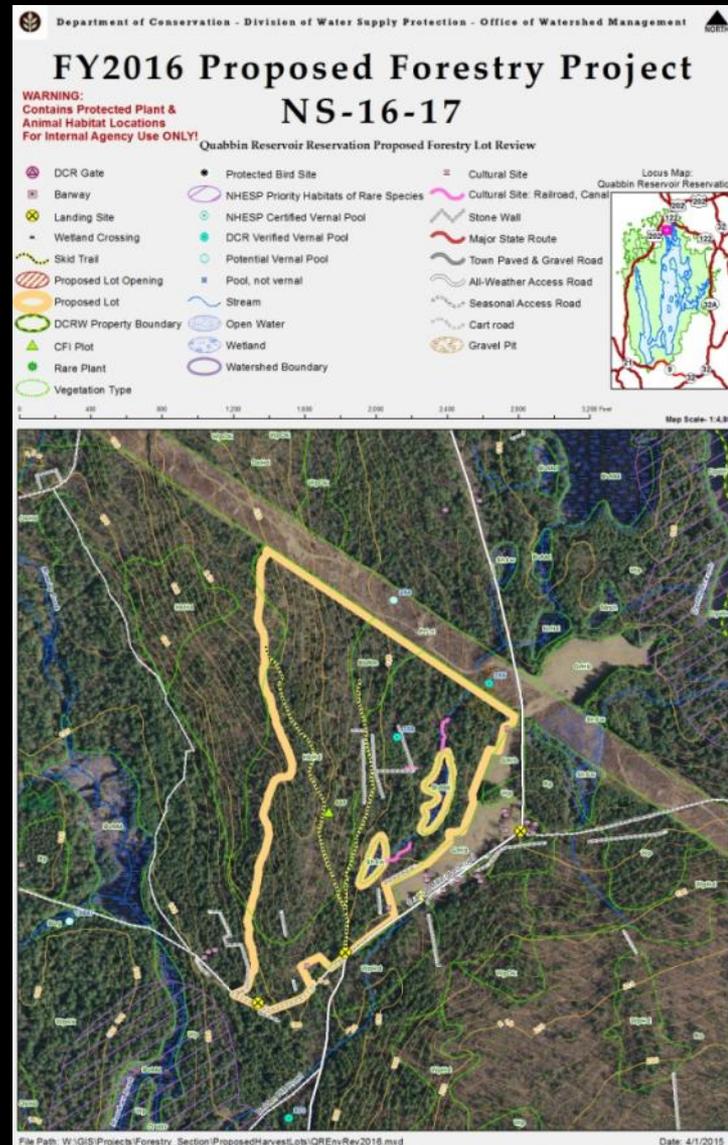


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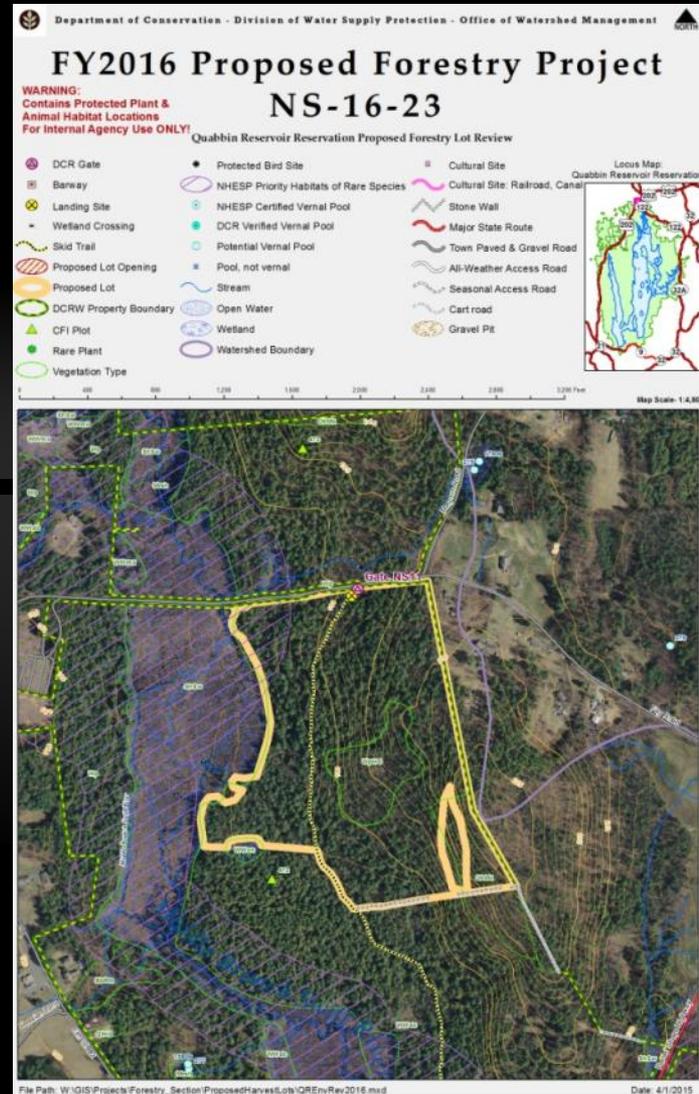
Bullard's Corner Lot

- ✓ 46 acres
- ✓ Predominately white pine hemlock and oak
- ✓ Hemlock declining
- ✓ Average opening size of 0.3 acre
- ✓ Vernal pool
- ✓ Input?



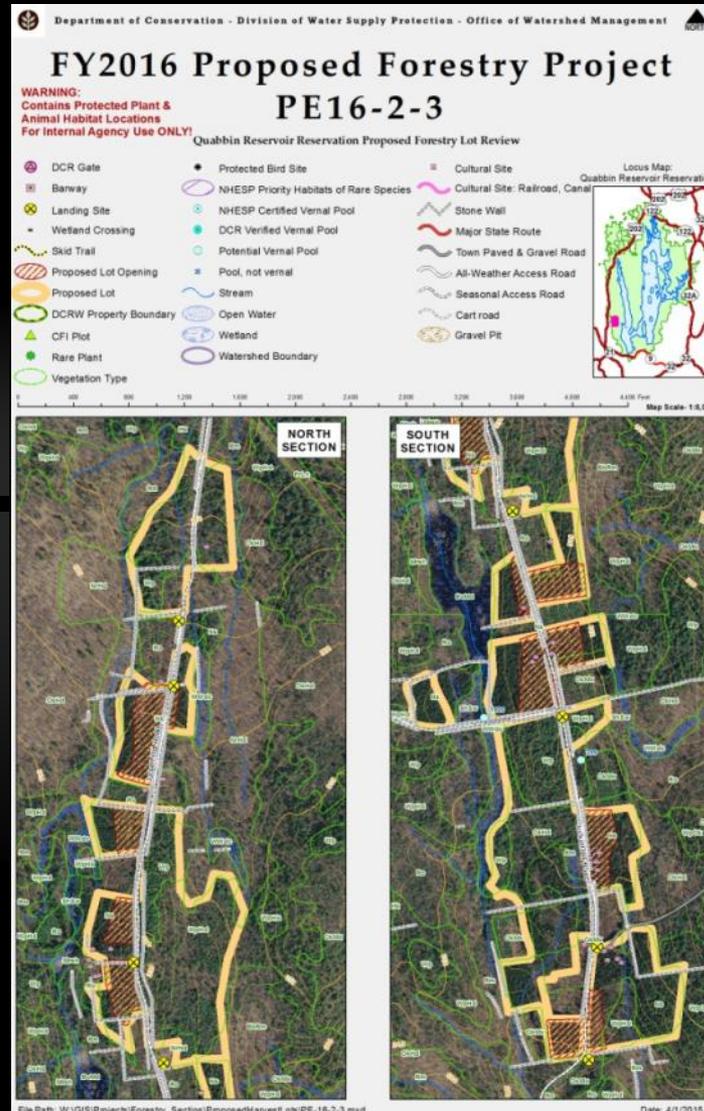
Fay Road Lot

- ✓ 49 acres
- ✓ Predominately white pine overstory
- ✓ Hemlock hardwood mid canopy.
- ✓ Average opening size of 0.5 acre, 1 acre max



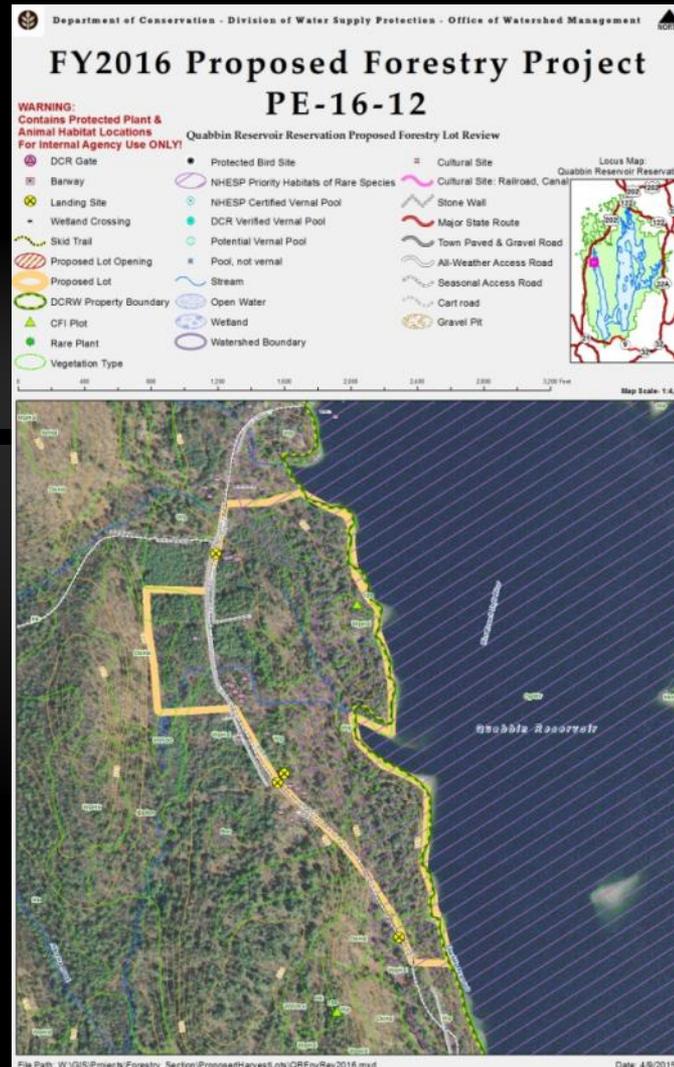
Juckett Hill Lot

- ✓ 124 acres
- ✓ Norway spruce plantation and old field pine stands
- ✓ Average opening size of 1 acre
- ✓ Input?



Gate 15 Lot

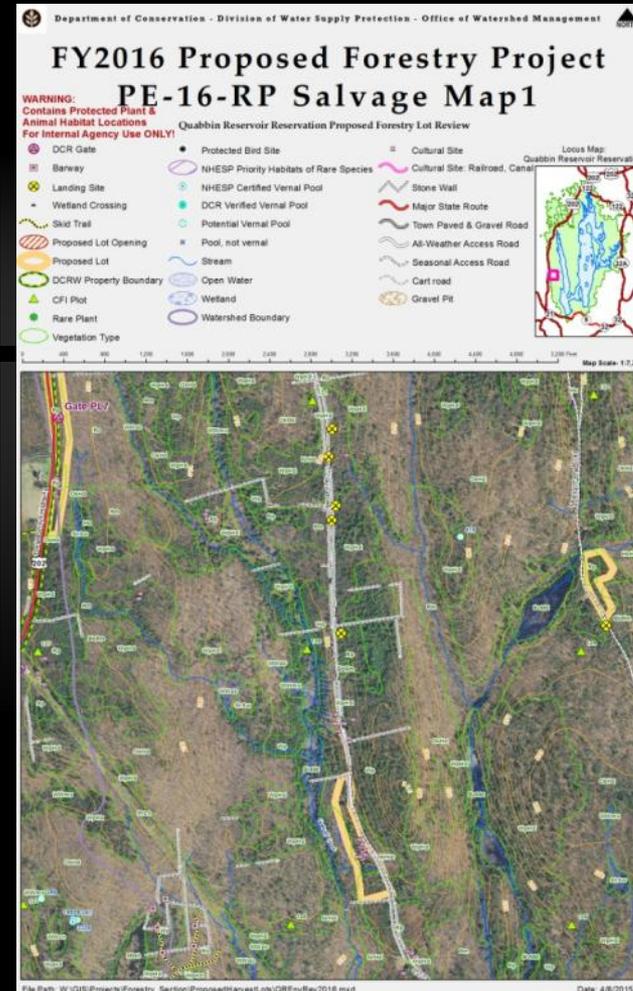
- ✓ 52 acres
- ✓ Predominately White Pine
- ✓ Average opening size of 0.25 acre
- ✓ Input?



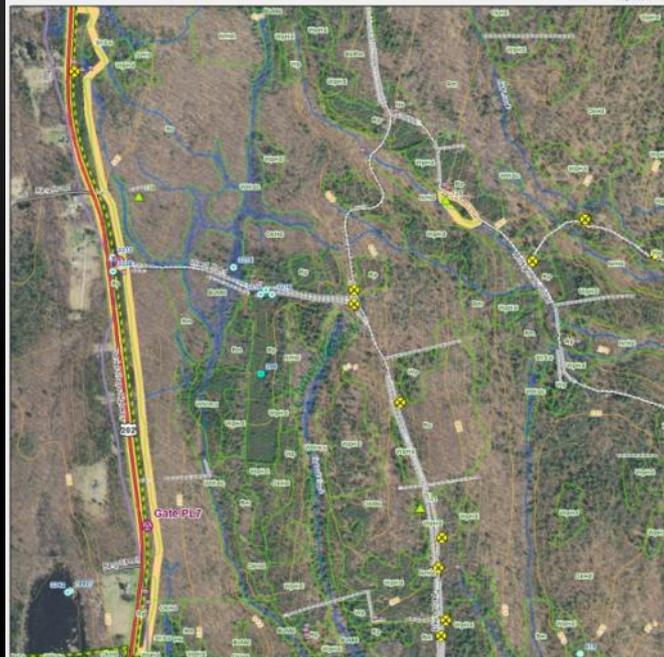
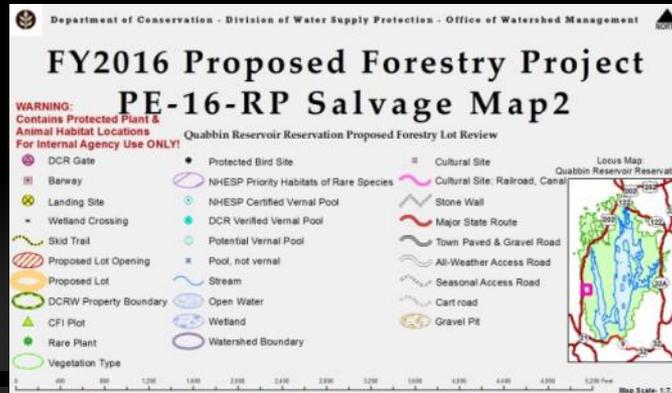
Pelham Red Pine Lots 1- 4

Lot 1

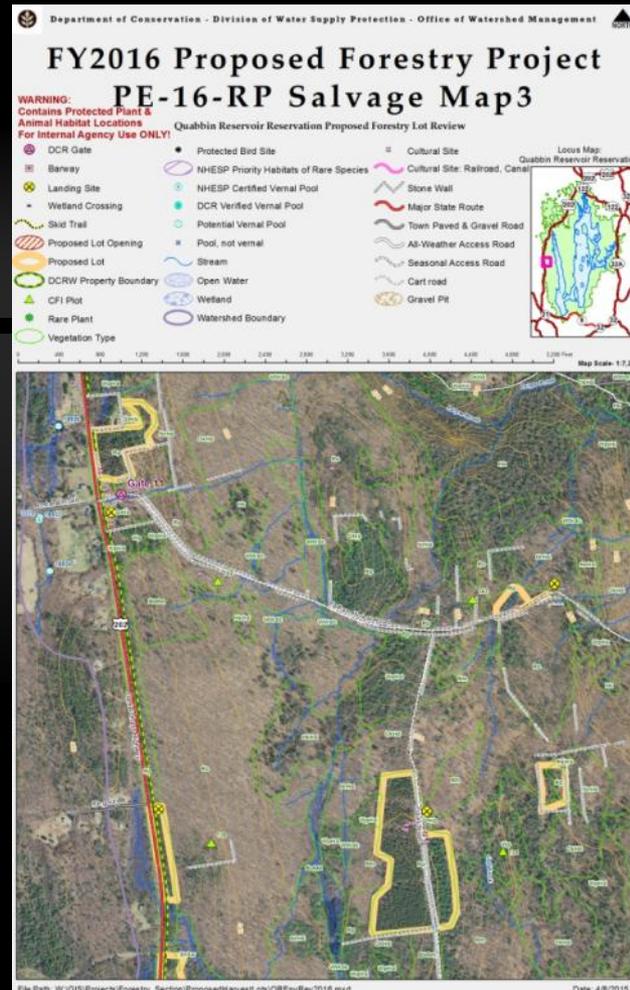
- ✓ 66 acres
- ✓ Mostly Red Pine
- ✓ Opening sizes range from 1- 5 acres
- ✓ Input?



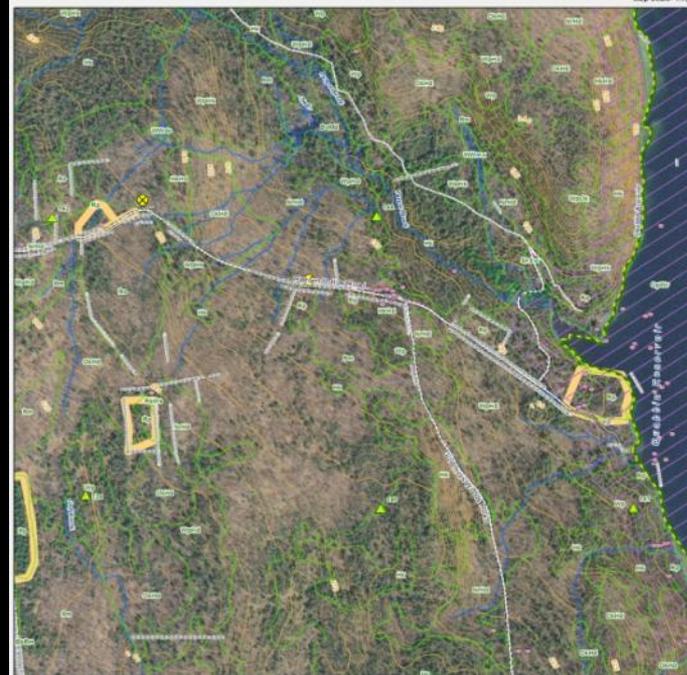
Pelham Red Pine Lot 2



Pelham Red Pine Lot 3

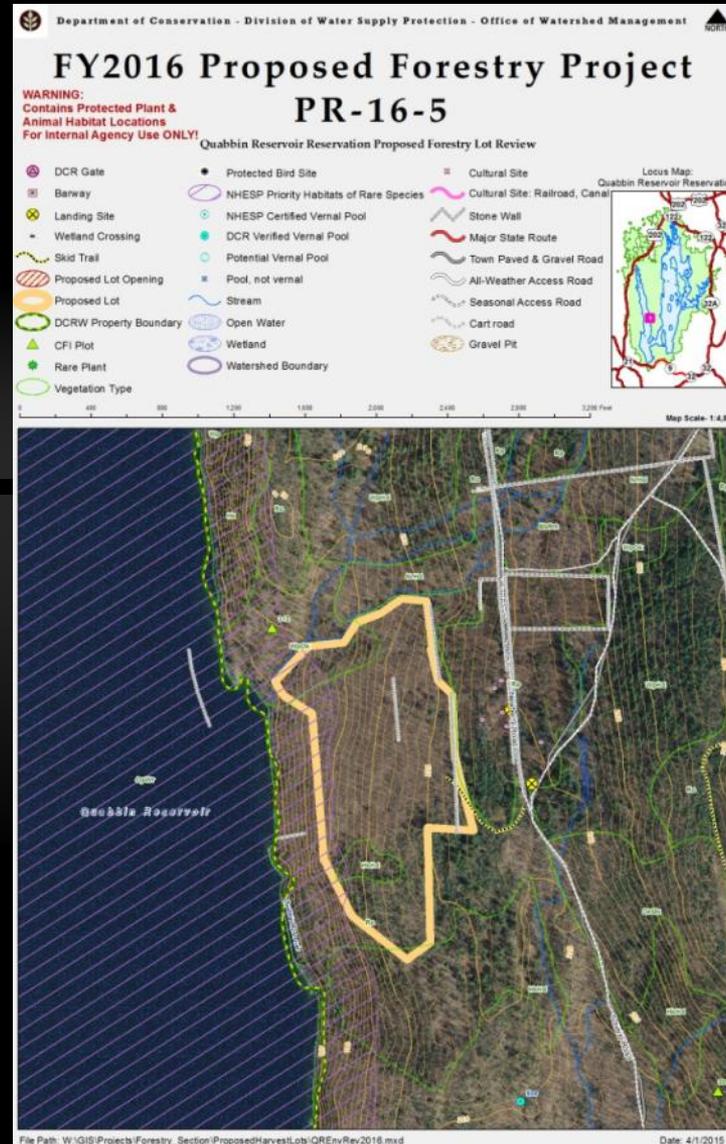


Pelham Red Pine Lot 4



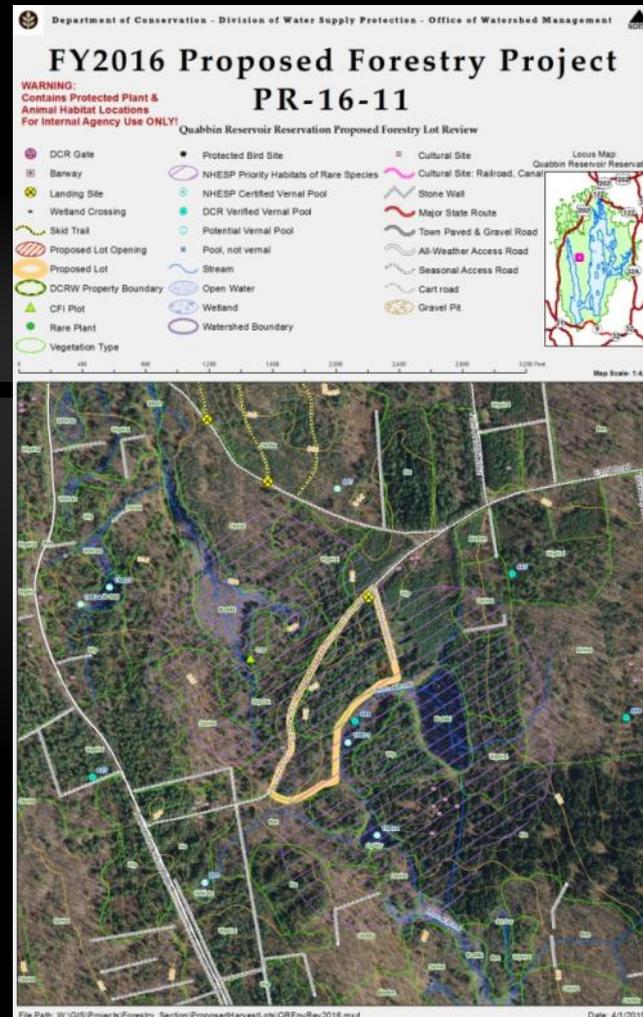
Scherer Road Lot

- ✓ 40 acres
- ✓ Predominately mixed oak, some hemlock
- ✓ Average opening size 0.5 acre, 1 acre max
- ✓ NHESP bubble
- ✓ Input?



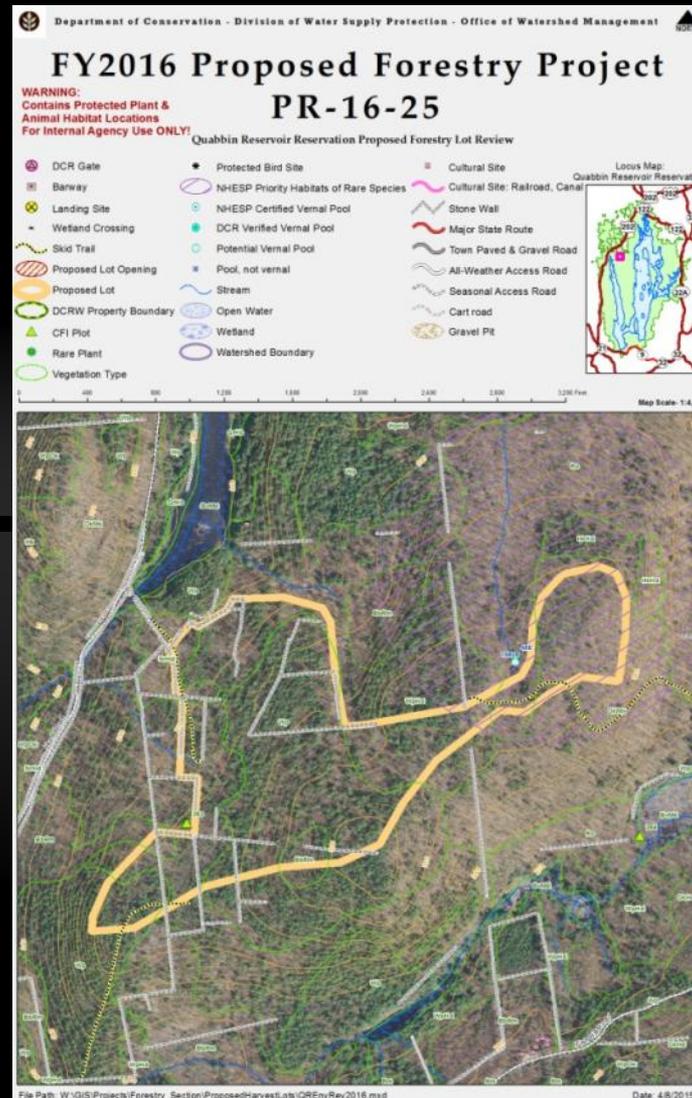
Herman Powers Road Lot

- ✓ 10 acres
- ✓ White Pine (low quality) type
- ✓ Average opening size 2 acres, 2 acre max
- ✓ NHESP bubble
- ✓ Input?



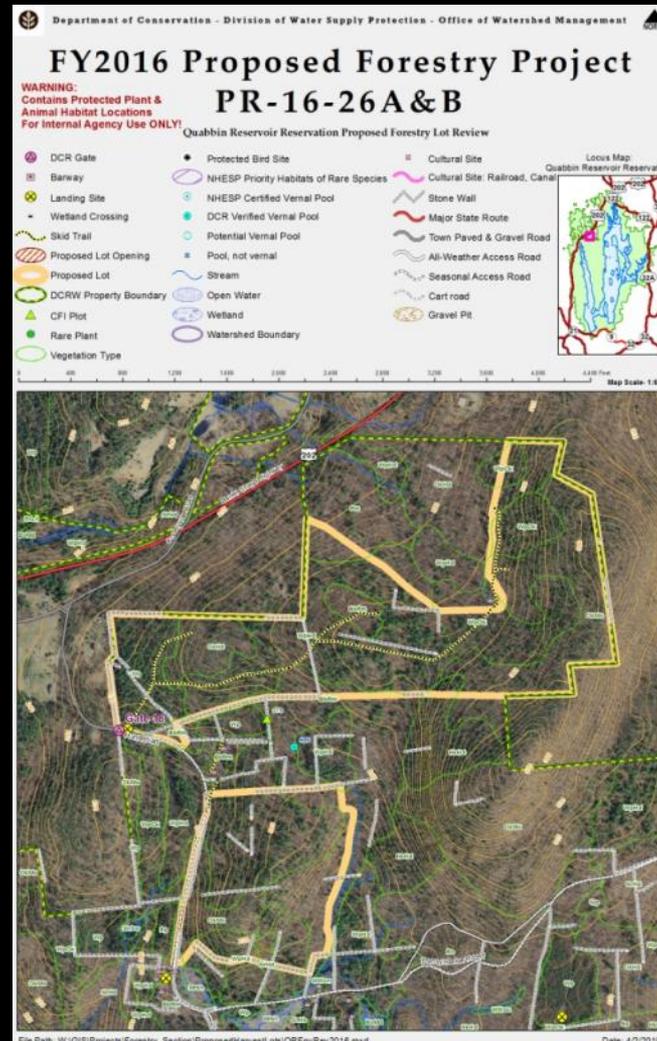
Gate 20 Lot

- ✓ 55 acres
- ✓ White pine-hardwood type
- ✓ Average opening size 0.5 acres, 1 acre max
- ✓ Many stone walls
- ✓ Input?



Gate 18 Lot

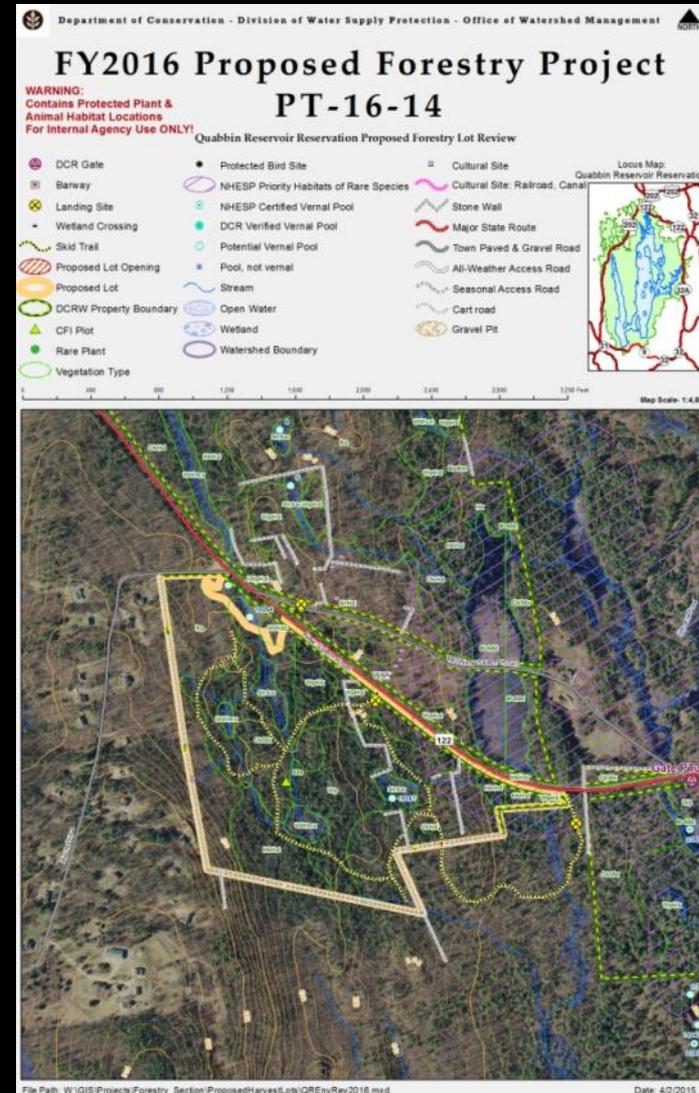
- ✓ 127 acres
- ✓ Predominately old field white pine – hardwood
- ✓ Southern section is a two aged stand
- ✓ Average opening size 1 acre



Birch Drive Lot

- ✓ 53 acres
- ✓ Predominately white pine hardwood with a strong hemlock midstory
- ✓ Pine weevil-HWA
- ✓ Vernal pools
- ✓ Average opening size of 0.5 acre

Input?



Discussion