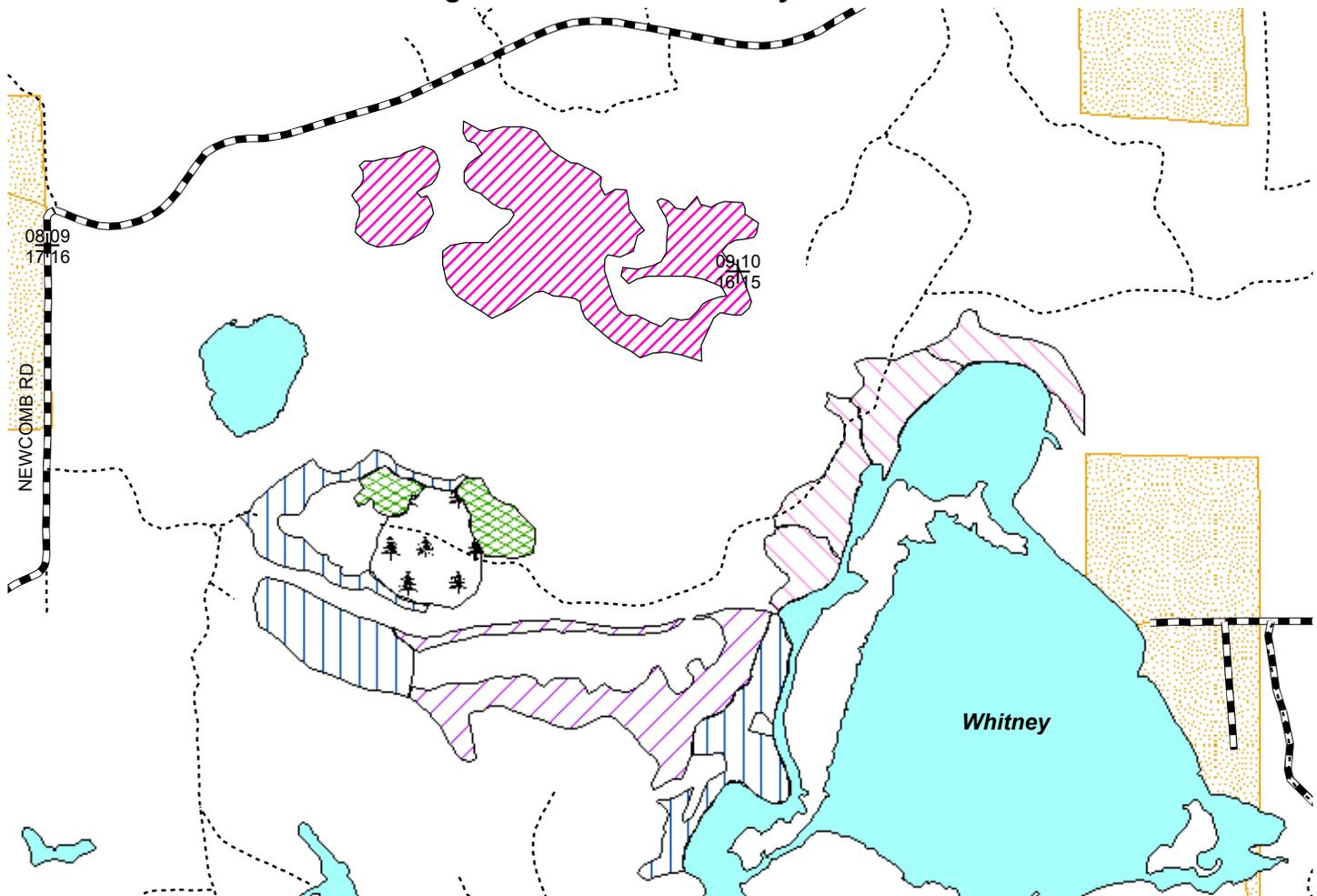


**Northern Highland – American Legion State Forest**  
**C195H Stands 8, 14, 18, 21, 28, 30, 32 and 33    Flowing Ristow    172 acres**  
**Town of Boulder Junction, Vilas County, T42N R6E Sec. 9, 10, 15 & 16**  
**NHAL – SF Master Plan: Mgmt. Area 3 – Vilas Sandy Plains North – Forest Production**



-The objective for this area is to increase red and white pine as a dominant community type, maintain aspen as a strong component in a mixed stand, and manage for current levels of red oak, white birch and jack pine.

-In all stands established for harvest, select trees that are otherwise designated for removal will be green marked for retention. These residual trees are being kept as a seed source, potential cavity or den tree, or future snag tree.

-The aspen stand was part of timber sale #255H and the red oak stands were part of timber sale #348H. The red pine plantation, red maple stand and the south part of the red oak stand was part of timber sale #483H.

**Aspen Area:** this is 55 acres of 45-50 year-old stand of aspen with a strong component of white pine (+/- 40 ft2 BA). The goal is to convert this stand to white pine. The aspen, white birch and balsam fir will be cut. Select pine will be marked to remove suppressed and poorly formed trees. Part of this stand is an island in a keg, which will be accessible only during frozen ground conditions.

**Red Pine Plantation:** this is a 13 acre small sawtimber red pine plantation at 170 ft2 of basal area. It will be thinned to about 120 ft2 of basal area.

**Red Maple Area:** this is 8 acres of poor quality red maple. The soil is sandy and not conducive to growing good quality maple; therefore this stand will be clearcut and converted to jack pine.

**White Pine Area:** this 28 acre stand is a large sawlog white pine stand with 198 ft2 of basal area. White birch is a large component (28 ft2) of the stand. The white and red pine will be thinned, and the white birch and red maple designated for removal.

**White Birch Area:** these 39 acres consist of 63-year old white birch with a component of poletimber balsam fir. Clumps of birch will be marked throughout the stand to provide seed for the next stand, and the remaining birch and fir will all be cut. If the stand does not regenerate from seed and stump sprouts to white birch, it will be converted to jack pine.

**Red Oak Area:** there are three separate stands covering 29 acres of 111-year old red oak, averaging 91 ft2 of basal area. One is typed as large sawlog, and the other two are small sawlog. One differs by containing a significant amount of white birch. The understory of these stands contains over 800 red oak seedlings per acre. This shelterwood harvest will release these seedlings. The target crown closure is 40%.

The soils are sandy and therefore biomass harvesting is prohibited.

Harvest activity will be prohibited in the red oak area between April 15 and July 15.

17,16  
20,21

N

Scale: 4" = 1 Mile  
1:15,840



Map produced by  
Todd Anderson &  
Paul Schultz, 2/15

**Legend**

- ⊕ Section Corner
- Woods Roads
- == Highway and Town Roads
- ▨ Aspen Proposed Area
- ▩ Red Pine Proposed Area
- ▧ Red Maple Proposed Area
- ▦ White Pine Proposed Area
- ▤ White Birch Proposed Area
- ▥ Red Oak Proposed Area
- Lakes
- ▨ Private Lands