

HORNER LOT

The Horner Lot is in the Town of Angelica. The access is from the end of the Breitwesser Road, across a right-of-way road on private land. The parcel contains 32 acres. The Lot is bounded on the east and the south by the Bald Mountain State Forest. The Lot was once part of a farm. Upon acquiring the Lot, the open land was planted to conifers.

STAND #1: Hardwood – Sawtimber and Poles – 6 acres

	Major Species	Minor Species
Large Sawtimber	red oak	
Small Sawtimber	white ash sugar maple	
Poles	sugar maple white ash	shagbark hickory
Seedling – Sapling	sugar maple ironwood	beech

Stand #1 is a stand that was once an even aged red oak sawtimber stand. There have been 2 sawtimber harvests in this stand. The first was in 1993 and the second in 2004. There are still scattered large red oak sawtimber trees in the stand. The smaller trees are other species of hardwood, mostly sugar maple and white ash. After the next harvest, most of the red oaks will be gone. The next stand will be a sugar maple – white ash stand or a sugar maple stand, depending on the emerald ash borer. The red oak will be a minor component. No work is needed at this time.

STAND #2: Hardwoods – Sawtimber, Poles and Seedling – Sapling – 20 acres

	Major Species	Minor Species
Large Sawtimber	red oak	
Small Sawtimber	red oak	white ash white oak
Poles	red maple sugar maple	ironwood Cucumber shagbark hickory
Seedling – Sapling	white ash red maple sugar maple ironwood blue beech	shagbark hickory red oak black cherry beech Serviceberry Cucumber sweet birch

Stand #2 started out as an even aged red oak stand. It has had 2 sawtimber sales, in 1993 and 2004. There are still some large red oak sawtimber trees in the stand. There are more of them in the eastern part of the stand than in the western part of the stand.

There are also small red oak sawtimber trees in the stand, along with white oak and white ash small timber trees. Poles are also in the stand, but they are species other than red oak.

The timber harvests are reproducing the stand through the Shelterwood Method. Enough light has reached the forest floor to let seedlings survive and start the next stand. The reproduction is better in the eastern part of the stand than in the western part. The western part has a lot more ironwood and blue beech.

There will be 2 more predominately oak sales in the stand, if the first one is conservative. After that it will become a hardwood stand with only a small oak component. The good oaks are growing well, and should be left to get 22 inches in diameter.

They should be ready for another harvest cut near the end of the 2022 – 2032 year time period.

The ironwood and sweet birch should be thinned out pre-commercially in about 15 years (2027) or commercially when they reach large pole size.

STAND #3A & B: Hardwoods – Poles – 2 acres

3A	Major Species	Minor Species
Poles	white ash	
Seedling – Sapling	white ash shagbark hickory red maple blue beech ironwood	red oak sugar maple

3B	Major Species	Minor Species
Poles	sweet birch red maple red oak	aspen white ash sugar maple

Stands #3A and #3B is former agricultural land that was planted to conifers when the County acquired the property. Scotch pine was planted in 3A and red pine was planted in 3B.

Stand 3#A was taken over by white ash that seeded in the plantation. There are only a tiny number of suppressed Scotch pine still living. The ash are now pole size. The stand is overstocked. This will release the seedlings and saplings in the understory and a new generation of trees will take over the stand. The next generation will have a lot of ash, but there will be other species mixed in with the ash.

The red pine in 3B met a similar fate, but there were other species of hardwood trees that came in along with the ash. 3B is now a hardwood pole stand that is overstocked and needs thinning. There are enough poles of species other than ash, so the stand will still be fully stocked after the ash are gone. A little more thinning may be needed after the ash is gone.

Honeysuckle is starting to come in the stand and should be eradicated before it becomes a serious problem.

STAND #4: Conifers and Hardwoods – Poles and Small Sawtimber – 1 acre

	Major Species	Minor Species
Poles	red pine Scotch pine Norway spruce red oak red maple white ash	
Small Sawtimber	red oak	

Stand #4 has more conifers in this stand than in Stand #3, but the stand is still mostly hardwood. There is more Norway spruce than any of the other conifer species. The stand needs a light thinning. Remove the red pine and Scotch pine to favor the good red oak stems. This would be a pre-commercial thinning due to the low volume of the conifers. There is honeysuckle starting in the understory. It should be eradicated before it becomes a serious problem.

STAND #5: Conifers and Hardwoods – Poles and Small Sawtimber – 3 acres

	Major Species	Minor Species
Pole	Norway spruce Scotch pine sugar maple aspen red oak black cherry red maple sweet birch shagbark hickory white ash	
Small Sawtimber	Norway spruce Scotch pine red oak	

Stand #5 is abandoned agricultural land planted to Norway spruce and Scotch pine. The Norway spruce portion of the stand has Norway spruce that are mostly pole size, but there are some that are small sawtimber size. Some hardwoods have come in that are small sawtimber size. Some hardwoods have come in among the spruce. The spruce is overstocked and need thinning. The aspen, sweet birch, and any other poor quality hardwood trees should be removed in a pre-commercial thinning. Thin the spruce where thinning is needed.

The Scotch pine portion of the stand has heavy Scotch pine mortality and that portion of the stand is breaking up. There is good hardwood reproduction in the understory. White ash is the predominate species, but there is also shagbark hickory, red maple, beech, red oak, serviceberry, and buckthorn. Honeysuckle is in the understory and should be eradicated.

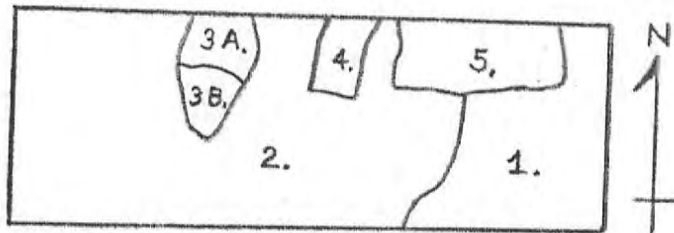
The eastern end of the stand was once Scotch pine. It has been completely taken over by red oak sawtimber and pole size trees, along with sugar maple and shagbark hickory poles. There are sugar

maple saplings in the understory. Some of the largest oaks can be cut for thinning purposes when the Lot has its next timber sale.

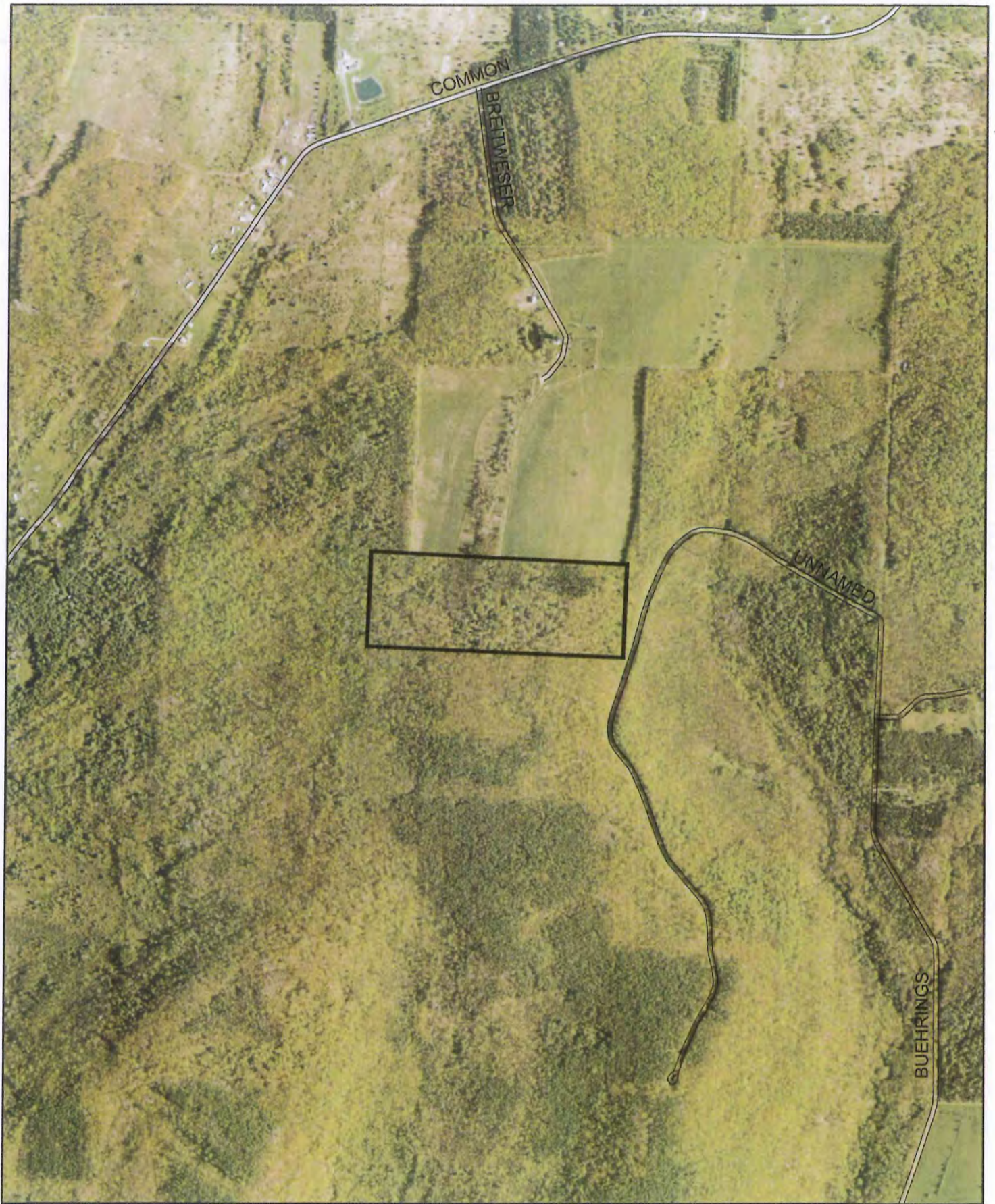
RECOMMENDATIONS:

1. Do a pre-commercial thinning in Stands #4 and 5.
2. Eradicate invasive species in Stands #3A&B, 4 and 5.
3. Thin Stand #2 in about 15 years (2027).
4. Thin Stand #3B after the emerald ash borer has run its course.
5. Stands #1, 2, and 5 may be ready for a timber harvest near the end of the 2022 – 2032 time period.
6. Maintain the boundary lines.

HORNER LOT



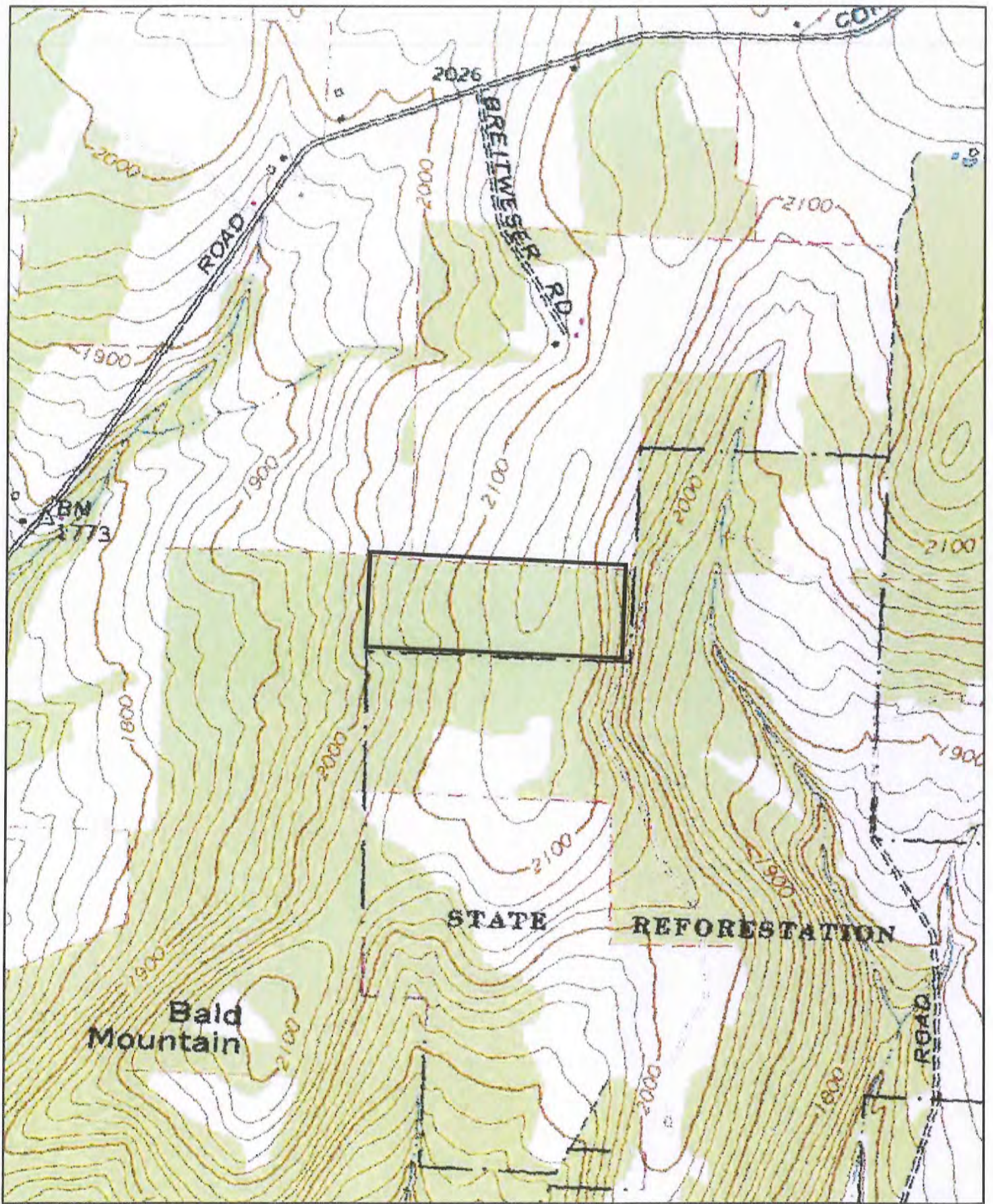
SCALE: 1" = 10 CHAINS (660')



Allegheny County Forest
Horner Lot
Town of Angelica
Map Updated: 2/7/2012

1 inch equals 1,000 feet





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