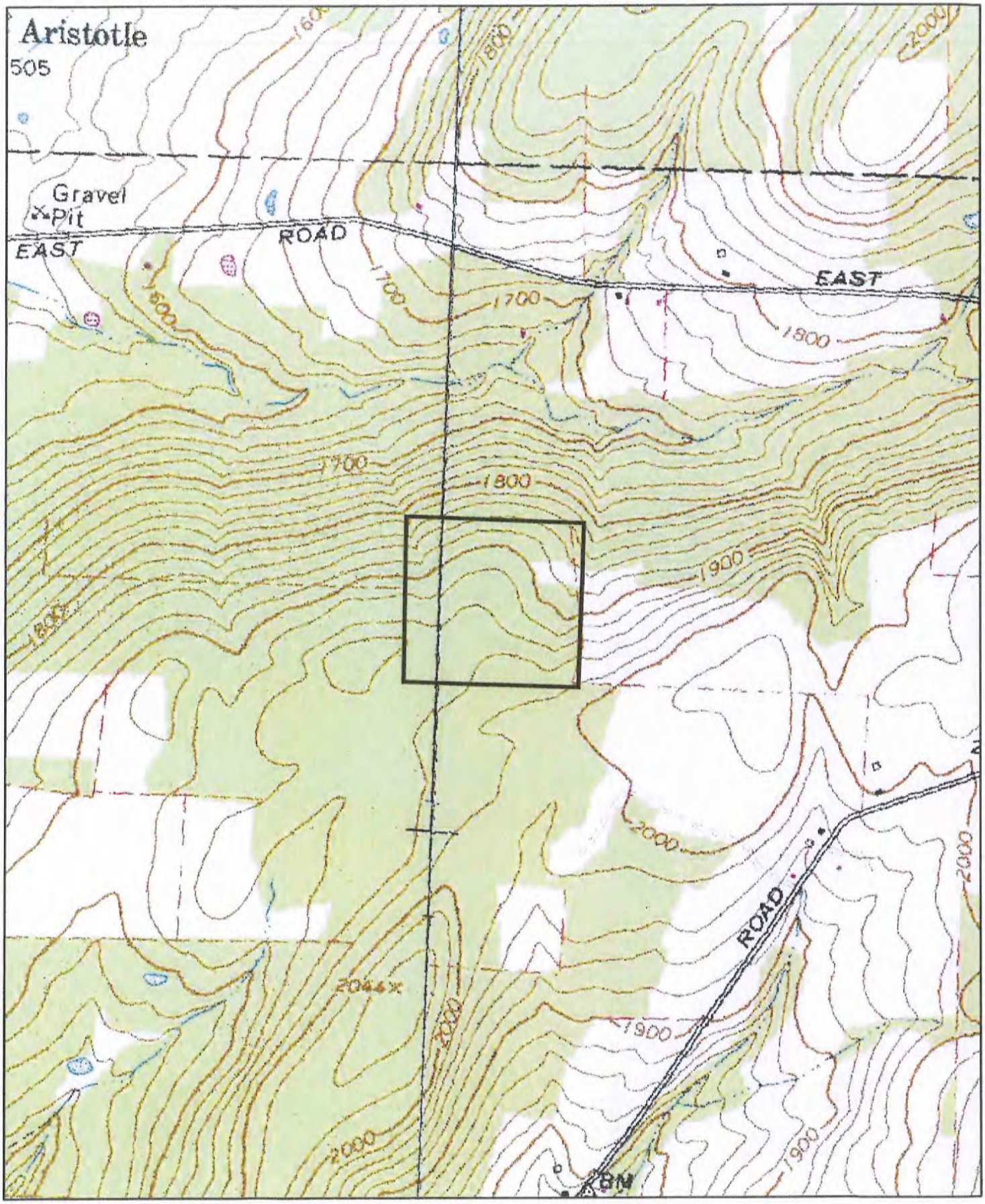

Allegany County Forest
Phippen Lot
Town of Angelica

Map Updated: 2/7/2012

1 inch equals 1,000 feet

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Allegany County Soil & Water Conservation District
Established 1941

PINE LOT

The pine Lot is located in the Town of Angelica, on both the north and south sides of the East Road. The parcel has 89 acres. The Lot was once a farm. When the County acquired it, the crop land was planted to conifers. Two ponds were constructed for wildlife, recreation, and fire control. Access roads were constructed. There are places where erosion has taken place on these roads. The access to the southern part of the lot, off the East Road, has been badly eroded and needs repair before that portion of the stand can be accessed.

STAND #1: Norway Spruce – Small Sawtimber and Poles – 7 acres

	Major Species	Minor Species
Sawtimber	Norway spruce	
Poles	Norway spruce	red oak black cherry white ash red maple

Stand #1 is abandoned agricultural land planted to a mixture of Norway spruce and red pine. The red pine was cut in 2008, along with a few spruce for thinning purposes. The remaining stand is a thinned Norway spruce stand of timber and poles. There are some widely scattered hardwood poles and saplings in the stand. There is very little hardwood or spruce reproduction at this time.

The area around the pond is quite wet and some minor windthrow has occurred. Some honeysuckle is starting to appear. It should be eradicated before it becomes a problem. The stand should be checked for another commercial thinning in 12 years (2024).

STAND #2: Hardwoods – sawtimber and poles – 3 acres

	Major Species	Minor Species
Large Sawtimber	red oak	
Sawtimber & Poles	sugar maple red maple red oak black cherry hemlock white pine shagbark hickory	

Stand #2 is a narrow band of hardwoods along the boundary line and the stream bank. There are some large red oaks that can be harvested the next time there is a hardwood sale on the Lot. The Stand is over stocked and there are some cull trees. The Stand needs a light thinning and cull removal. This could be done with a fuelwood sale.

STAND #3: Hardwoods – Poles – 1 acre

	Major Species	Minor Species
Poles	sugar maple red maple white ash black cherry	

Stand #3 is abandoned agricultural land planted in red pine. Hardwoods seeded in the stand shortly after the red pine was planted. The red pine was harvested in 2008 leaving a pole stand of good quality hardwoods. No work is needed at this time.

STAND #4: Hardwoods – Seedling - Saplings – 5 acres

	Major Species	Minor Species
Saplings	red maple	red oak white ash ironwood sugar maple
Seedlings	red maple black cherry red oak ironwood shagbark hickory Serviceberry	

Stand #4 is abandoned agricultural land planted to red pine. The red pine was planted off site and had reached its full potential. It was clear cut in 2008. The stand is now under going natural hardwood succession and will become a hardwood stand. No work is necessary at this time.

STAND #5: Larch and Scotch Pine – Small Sawtimber and Poles – 3 acres

	Major Species	Species
Small Sawtimber	larch Scotch pine	
Poles	larch Scotch pine white ash red maple	blue beech sugar maple

Stand #5 is abandoned agricultural land planted to a larch and Scotch pine mixture. The Scotch pine has good form. The overstory is not fully stocked with conifers, so enough light reached the understory to allow hardwood poles and saplings to come in. The conifers are planted off site and have small crowns. They were left in the 2008 sale, so they will increase the volume of the sale the next time Stand #1 is thinned commercially. The conifers should be harvested the next time Stand #1 is cut. No work is needed at this time.

STAND #6: Hardwoods – Seedling and Sapling – 12 acres

	Major Species	Minor Species
Seedling-Saplings	red maple white ash blue beech	shagbark hickory Cucumber

Stand #6 is abandoned agricultural land that was planted to Scotch pine. The Scotch pine was clear cut in 1990 or 1994. The regeneration to hardwoods is highly variable, depending on the proximity to a good hardwood seed source. The stand is poorer the farther away from the seed source. Where the seed source was the best, there are now saplings of red maple and blue beech to varying degrees. Where the hardwood seed source was inadequate, it will take many more years before there is full stocking. Even then, there will be a high percentage of weed trees. There are some widely scattered poles of white ash and red maple. The only commercial species in the stand starting to produce seed is the white ash. No work is needed in this stand.

STAND #7: Norway Spruce and Hardwoods - Poles – 0.5 acres

	Major Species	Minor Species
Poles	Norway spruce red maple	red oak aspen

Stand #7 is abandoned agricultural land planted to Norway spruce. Part of the Stand is all spruce. The other part has the hardwoods taking over the spruce. The pure spruce portion should be pre-commercially thinned. In the other part of the Stand, let the hardwoods take over. The red maple clumps should be thinned and the aspen removed in a pre-commercial thinning.

STAND #8: Scotch Pine and Hardwoods – Poles – 0.5 acres

	Major Species	Minor Species
Poles	Scotch pine red maple	white ash aspen red oak ironwood

Stand #8 is abandoned agricultural land planted to Scotch pine. There is heavy mortality in the pine. Aspen and hardwood poles have taken over part of the stand. Harvest the Scotch pine when Stand #5 is cut and convert the stand to hardwoods.

STAND #9: Hardwoods – Sawtimber and Poles – 2 acres

	Major Species	Minor Species
Large & Small Sawtimber	red oak	
Poles	red maple white ash sugar maple	

Stand #9 is a hardwood stand with large and small red oak sawtimber in hardwood poles. There are a few more large red oaks just over the line in the adjacent Travis Lot. Harvest large red oaks in a timber

sale with Stands 2, 10, 15 and 22. Do any thinning necessary in the remaining poles after the harvest. Thinning can be done pre-commercially or in a fuelwood harvest with the oak tops.

STAND #10: Hardwood – Seedling - Saplings – 7 acres

	Major Species	Minor Species
Seedling-Saplings	red maple sugar maple white ash	

Stand #10 is abandoned agricultural land planted to red pine. The pine was off site and had small crowns. It had reached its full potential and was harvested in a clear cut in 2008. The stand is undergoing hardwood succession and will become a hardwood stand. There are a few large red oaks in the stand that can be harvested when Stands #2, 15 and 22 are cut.

STAND #11: Hardwoods – Poles and Small Sawtimber – 2 acres

	Major Species	Minor Species
Poles and Small Sawtimber	sugar maple red maple	white ash

Stand #11 is abandoned agricultural land planted to red pine. Part of the stand failed completely and is all hardwoods. The other part of the stand had some red pine among the hardwoods. The pine was all cut out in 2008, when Stands #1 and 4 were cut. Most of the trees are poles, but there are a few small sawtimber trees. Portions of the stand are overstocked and there are some cull trees. The stand needs thinning and culls removal. This could be done with a fuelwood sale.

STAND #12: Hardwoods – Sawtimber – Poles – 0.5 acres

Combine this stand with Stand #13 on the adjacent Travis Lot.

STAND #13: Hardwood – Large Saplings – 8 acres

	Major Species	Minor Species
Large Saplings	red maple sugar maple	red oak sweet birch black cherry white oak white ash beech ironwood blue beech Yellow birch

Stand #13 is an abandoned field that was planted to red pine. The pine was clear cut in 1994-95 and converted to hardwoods. There was an excellent seed source and the stand will some day be a high quality hardwood stand of high value. The species composition is highly variable throughout the stand, depending on the seed source at any given point. The stand is fully stocked except for a few very small

spots. The stand will need thinning when it becomes pole size. Favor good red oak, sugar maple, and black cherry. Remove all sweet birch. Check the stand for thinning in 15 years (2027).

STAND #14: Hardwoods – Poles and Small Sawtimber – 3 acres

	Major Species	Minor Species
Poles	red maple white ash white oak shagbark hickory sugar maple red oak	
Small Sawtimber	aspen white oak	shagbark hickory red oak

This stand was abandoned agricultural land that was also planted to red pine. The stand is wetter than #13 and the hardwood seed source had more non-commercial and low value species in it. There was high mortality among the red pine which was badly off site. Hardwoods came in the stand shortly after it was planted, and they are now pole and small sawtimber size.

The pines that survived were harvested in 1994-95 when Stand #13 was cut. There is not complete crown closure, which allowed aspen, blue beech, ironwood, honeysuckle, multiflora rose, thornapple, and buckthorn to come in the understory. There are some good trees in the stand and some woodlot improvement can be done the same time as Stand #13. The honeysuckle and multiflora rose should be eradicated. The white ash timber trees can be harvested the next time there is a timber sale on the lot.

STAND #15: Hardwoods – Sawtimber – Poles – 7 acres

	Major Species	Minor Species
Large Sawtimber	red oak	
Small Sawtimber	red maple red oak beech sugar maple Yellow birch aspen	
Poles	red maple sugar maple shagbark hickory bitternut hickory aspen red oak sweet birch	
Seedling-Sapling	beech ironwood blue beech	

This stand was never cleared for agriculture because it is on a steep stream bank. There are some large sawtimber red oaks in the stand. The rest of the stand is made up of small sawtimber and poles of a wide

variety of species. There are a lot of defective trees that should be culled out. The stand is ready for a timber sale. The culls should be removed as part of the sale. The timber sale should be followed by a thinning. This could be done by a pre-commercial thinning or a fuelwood sale.

STAND #16: Norway Spruce with Hardwoods – Poles, Saplings and Sawtimber – 4 acres

	Major Species	Minor Species
Large and Small Sawtimber	red oak	
Pole and Saplings	Norway spruce	red oak white oak sweet birch red maple

Stand #16 is abandoned agricultural land planted to Norway spruce. There are a few large red oaks at the edge of the stand next to Stand #15. They should be harvested when Stand #15 is logged. The rest of the stand is pole and sapling size spruce with scattered hardwoods that seeded in naturally. The hardwoods are taller than the spruce and have more potential value than the spruce. They should be allowed to take over the stand as much as possible. There is old porcupine damage in the spruce. The stand should be checked periodically.

STAND #17: Hardwoods – Large Saplings – 5 acres

	Major Species	Minor Species
Large Saplings	red maple sugar maple	red oak sweet birch black cherry white oak white ash beech ironwood blue beech Yellow birch

This stand is the same as Stand #13. See Stand #13 for description and recommendation. Treat them together.

STAND #18: Hardwoods – Pole – 2 acres

	Major Species	Minor Species
Poles	white oak aspen	red maple beech

Stand #18 is abandoned agricultural land. It appears it was originally planted to Douglas fir since there are a few stunted fir saplings in the understory. After it was planted, the hardwoods took over completely. The stand is overstocked; remove any aspen that won't make an eight foot log.

STAND #19: Conifers and Hardwoods – Poles and Small Sawtimber – 0.5 acres

	Major Species	Minor Species
Small Sawtimber	red pine	
Poles	red pine Douglas Fir sugar maple red maple white ash red oak aspen	

Stand #19 is abandoned agricultural land planted to red pine and Douglas fir, which are now pole and small sawtimber size. A lot of hardwoods seeded in the stand, and are now pole size. The red pine was planted off site and never thinned. The crowns are small and the trees have reached their full potential. The red pine should be harvested and the Douglas fir along with it. The stand will then be converted to hardwoods.

STAND #20: Hardwoods – Small Sawtimber – Poles – 6 acres

	Major Species	Minor Species
Small Sawtimber	sugar maple beech	red maple white ash sweet birch basswood
Poles	sugar maple beech	red maple red oak white ash basswood
Seeding-Sapling		beech ironwood blue beech white ash red oak

Stand #20 is a stand of small sawtimber and pole sized hardwoods. The stand was heavily logged in the past. There is a small clump of large white pine on the north creek bank. Some culls, mostly beech, are present. The stand needs cull removal and a light thinning. The red oak and sugar maple should be favored in the thinning. The thinning and cull removal could be done pre-commercially or commercially through a fuelwood sale.

STAND #21: Hardwoods – Poles and Small Sawtimber – 2 acres

	Major Species	Minor Species
Small Sawtimber	white ash beech	
Poles	red maple	

Stand #21 is a stand that is predominately red maple poles. There are a few small sawtimber trees of white ash and beech mixed in with the poles. There is defect in some of the red maple. The stand should be thinned commercially through a fuelwood sale or pre-commercially.

STAND #22: Hardwoods with Hemlock – Sawtimber and Poles – 3 acres

	Major Species	**Minor Species**
Sawtimber	hemlock red maple	red oak beech sugar maple aspen Yellow birch sweet birch
Poles	hemlock red maple	sweet birch basswood Yellow birch
Saplings		hemlock sugar maple beech ironwood

Stand #22 is a hardwood stand with hemlocks along the stream near the East Road. There are several large, high quality red oaks in the stand. The stand should have a timber sale along with Stand #15. The cull trees in the stand should be cut or girdled as part of the sale.

RECOMMENDATIONS:

1. Have a hardwood timber sale on Stands #2, 9, 14, 15, and 22. Pick out large red oak timber trees in Stands #10 and 16 that are adjacent to the other stands. Also include large red oaks just over the line in the Travis Lot adjacent to Stand #2.

2. Harvest all conifer trees on Stand #19. Combine this Stand with a conifer sale on the Travis Lot.

3. Thin hardwood Stands #2, 11, 20 and 21. The thinning can be done pre-commercially or commercially through a fuelwood sale.

4. Do a pre-commercial thinning in Stand #7.

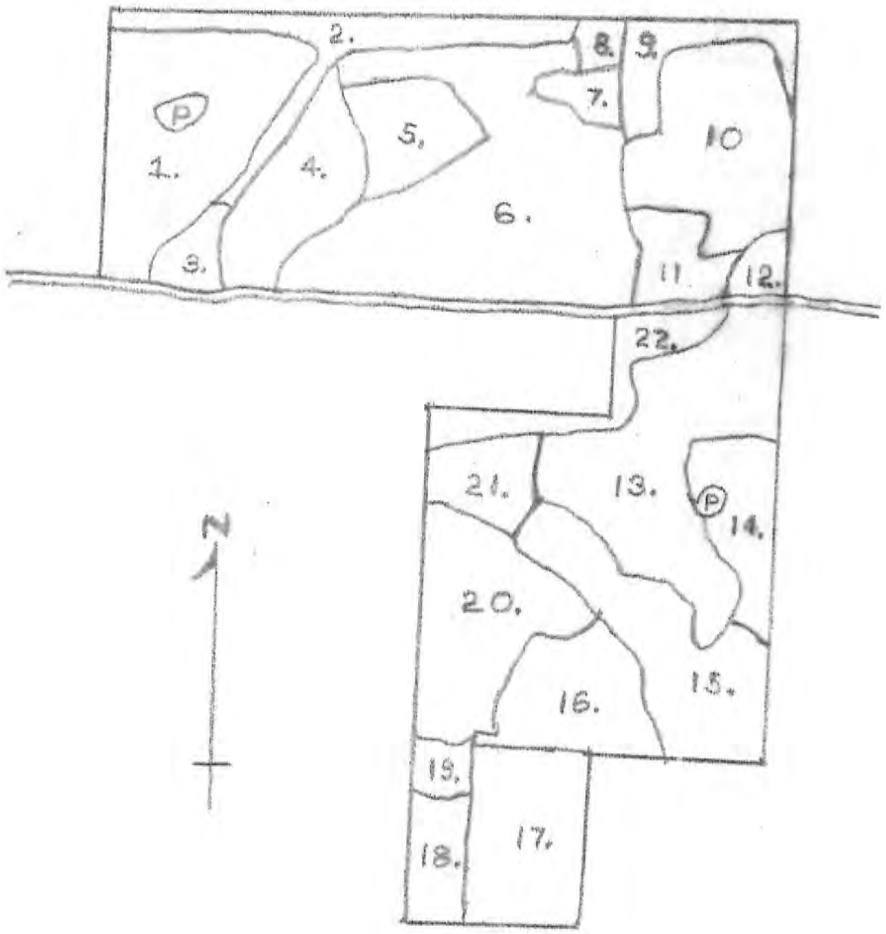
5. Invasive species control is needed in Stands #1 and 14.

6. Stands #1, 5, 8, and 20 may be ready for a harvest cut in the 10 year period between 2022 and 2032.

7. Repair the road system.

8. Maintain the boundary lines. The boundary line between Stand #1 and the adjacent private land is hard to find.

PINE LOT



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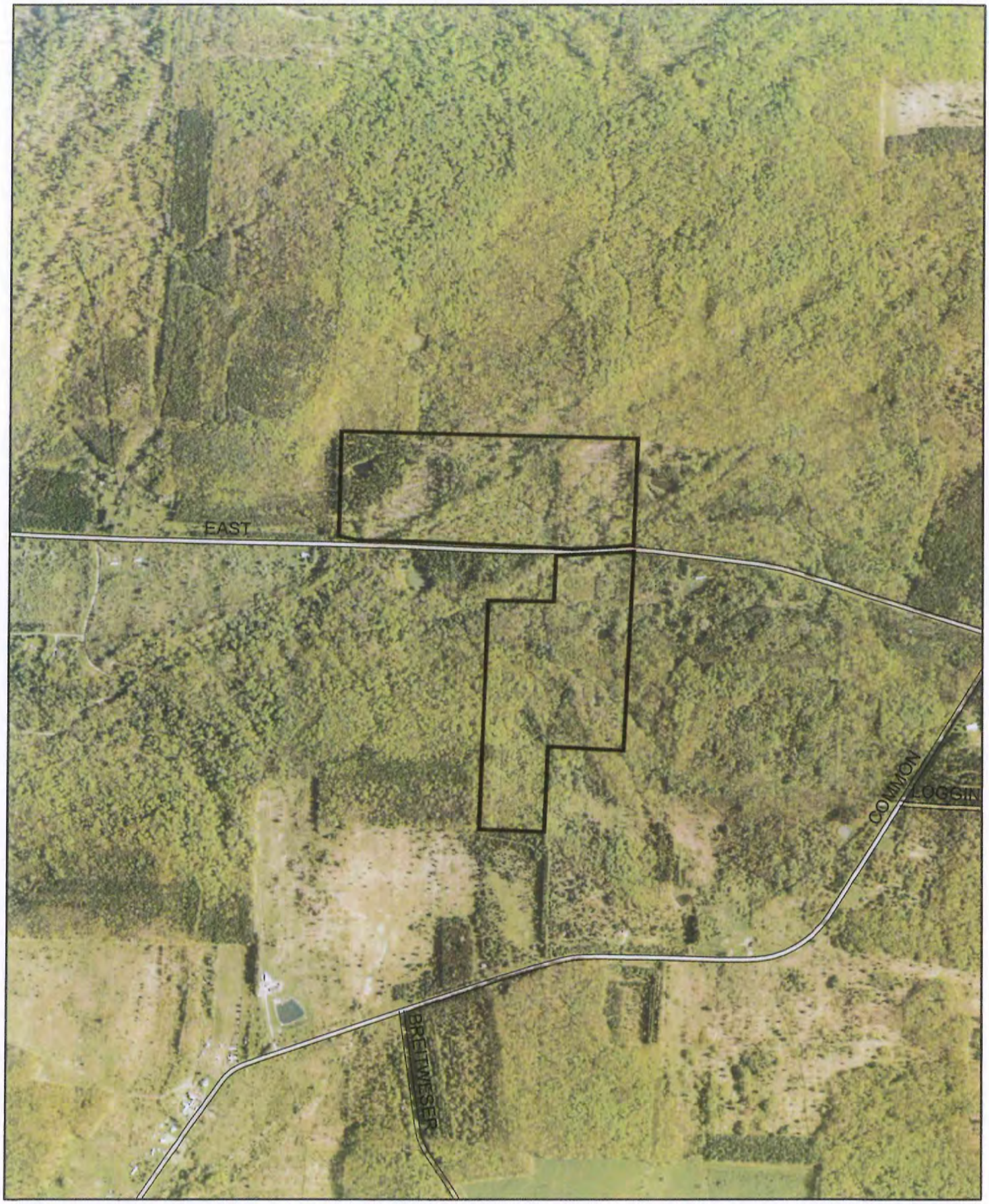

Allegany County Forest
Pine Lot
Town of Angelica

Map Updated: 2/7/2012

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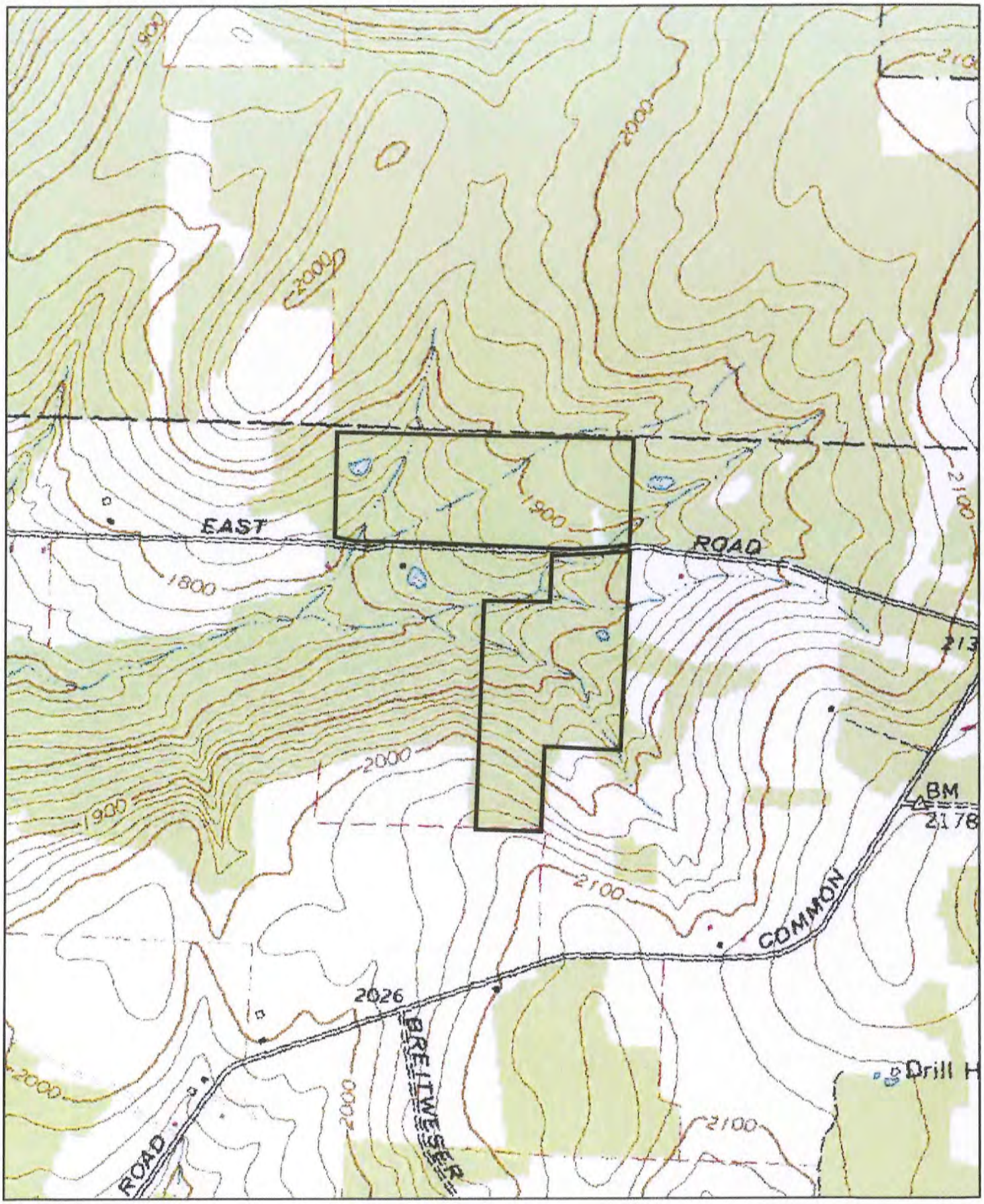
Allegany County Soil & Water Conservation District



Allegany County Forest
Pine Lot
Towns of Angelica

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Allegany County Soil & Water Conservation District
Established 1941