

TIMBER MARKETING & MANAGEMENT INC.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832

Ph (804) 796-9622

Fax (804) 796-9693

www.tmmva.com

Sale Date:	April 16, 2020		
Time:	11:00 a.m.		
Day:	Thursday		
	Woodland Resources LLC		
	CC	SC	SMZ
Total Vol/Acr	15,880 B. F.	6,136 B. F.	4,654 B. F.
Pine Vol/Tree	182 B. F.	234 B. F.	180 B. F.
Hwd Vol/Tree	410 B. F.	470 B. F.	402 B. F.

**CLEAR- CUT SALE
EXCELLENT QUALITY
HIGH VOLUME HARDWOOD SAWTIMBER**

Having been employed by **Woodland Resources LLC** we solicit bids on all merchantable timber in the clear cut area and on blue marked timber only in the select cut area and SMZ's in **Nelson County, Virginia** and as shown on the attached map and **totaling 149 +/- acres.**

We made a 7.5% plot cruise of the pulpwood trees to be harvested. Our estimate of their volume is:

<u>Pulpwood</u>	<u>Cords</u>	<u>Tons</u>
Pine	24	62
Soft Hardwood	247	692
Hard Hardwood	<u>496</u>	<u>1,389</u>
	767	2,143

For the sawtimber-size trees to be harvested we made the noted tree count and percent cruises below. Our estimate of their volume is:

	Clear Cut 114 +/- acres	Select Cut 7.5 +/- acres	SMZ's 27.5 +/- acres	149 +/- acres
<u>Sawtimber</u>	<u>15% Cruise</u>	<u>100% Count</u>	<u>100% Count</u>	<u>Total</u>
Poplar	1,180,800	31,900	108,900	1,321,600
Chestnut Oak	187,700	-	1,300	189,000
Northern Red Oak	184,600	500	3,500	188,600
Red Oak	60,400	5,100	1,500	67,000
Maple	35,200	-	700	35,900
Gum	30,100	-	-	30,100
Birch	26,500	-	200	26,700
Sassafras	25,400	-	800	26,200
Hickory	18,200	-	1,600	19,800
Loblolly Pine	12,900	3,300	900	17,100
Ash	14,000	-	200	14,200
Virginia Pine	11,400	1,600	1,000	14,000
Basswood	12,200	-	-	12,200
Sycamore	2,500	-	4,800	7,300
Misc. Hardwood	3,300	100	-	3,400
Black Walnut	-	-	200	200
White Oak	-	500	-	500
	1,805,200	43,000	125,600	1,973,800 BF Int 1/4" Scale

The above volumes are not guaranteed; however, care was taken in the field to assemble the above tables. You should note how your utilization practices may vary from the above and make any necessary adjustments.

Conditions

1. A period of time of 2 years will be allowed to cut and remove the timber.
3. Roads **must** be maintained and restored to their original condition upon completion of the logging. Any newly constructed roads and decks must be left in a graded condition and if necessary must be seeded upon completion of logging. Any newly constructed haul roads, skid roads and log decks and all logging operations must be in accordance with the guidelines set out in the **Best Management Practices Manual** of the Virginia Department of Forestry.
4. No tops or laps will be allowed to remain in the streams, fields, buffers or over cutting boundaries. They must be pulled back immediately.
5. Only the blue marked trees are to be cut from the select cut area and Streamside Management Zones.
6. **NO DISTURBANCE, no harvesting and no skidding through the NO CUT ZONE.**
7. No logging will be permitted during excessively wet weather conditions as determined by Timber Marketing & Management, Inc. If logging is halted due to weather conditions, then an extension of time equal to the time lost will be granted.
8. A \$3,000.00 performance bond will be paid at closing and held by Timber Marketing & Management, Inc. to insure compliance with all BMP requirements, road maintenance and conditions of the Timber Purchase Contract.
9. Landowner will accept the following payment options: 50% due at closing within 30 days of bid acceptance and 50% due in 6 months or when logging begins, whichever occurs first.

Only sealed bids will be accepted and owners reserve the right to reject any or all bids. BIDS SHOULD BE SUBMITTED PRIOR TO THE TIME OF BID OPENING AND CAN BE SUBMITTED VIA: Mail to: Timber Marketing & Management, Inc. P. O. Box 396, Chesterfield, Virginia 23832 **OR** hand delivered to 9520 Ironbridge Road, Chesterfield, Virginia **OR** telephoned in to 804-796-9622 **OR** faxed to 804-796-9693 **OR** emailed to tmm4u@aol.com Bids must be made on a lump-sum basis and must be received at this address no later than the posted bid date and time as shown on the cover. Closing shall take place within 30 days of bid acceptance.

There will be a scheduled show trip on Friday April 3rd at 9:00 a.m. or you may inspect the property at your own leisure.

An electronic copy of this sale notice, including maps and volumes, is available for download and viewing on our website at www.tmmva.com under the Timber Sale Notices section.

Sincerely,
Timber Marketing & Management, Inc.



Matt Sandman, Area Manager
434-808-2102 mobile
804-796-9622 office

Woodland Resources LLC - Clear Cut

Timber Marketing & Management, Inc.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832-0000

Phone: (804) 796-9622 • Fax: (804) 796-9693

Pulpwood Cruise: 7.5%

Sawtimber Cruise: 15.0%

Cruise Date: Monday, March 09, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA
 Acreage: 114+/-
 Cruise Type: Plot Cruise
 Harvest Type: Clear Cut
 Total BF/Acre: 15,835
 Pine Vol/Tree: 181.7
 Hardwood Vol/Tree: 411.0

Volume Legend:

- 1) Diameters shown in inches (DBH)
- 2) Logs measured in 16' increments
- 3) Sawtimber volumes are shown in thousands of board feet (MBF)
- 4) Volume scale used for each species of sawtimber is noted
- 5) Pulpwood volumes are shown in standard cords (128 cubic feet)

Comments:

Pulpwood

Standard Cord

Wood Classification								
Pine			Soft Hardwood		Hard Hardwood		Cedar	
DBH	# Trees	Volume	# Trees	Volume	# Trees	Volume	# Trees	Volume
6	13	1	867	34	1,693	66		
8	40	4	467	37	1,053	83		
10	53	9	640	85	960	128		
12	40	11	280	55	640	127		
14			133	36	347	93		
Total	147	24	2,387	247	4,693	496		

Ash - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	7					7	0.6	4.0%
18		7				7	1.7	11.8%
26		13				13	7.4	53.1%
28		7				7	4.4	31.1%
Total	7	27				33	14.0	

Basswood - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	27					27	2.2	18.2%
16	47					47	5.2	43.0%
20	7					7	1.2	9.9%
22			7			7	3.5	28.9%
Total	80		7			87	12.2	

Birch - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	100					100	8.3	31.3%
16	47	13				60	7.8	29.3%
18	27	27				53	10.5	39.4%
Total	173	40				213	26.5	

Chestnut Oak - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	40	13				53	5.2	2.8%
16	47	20				67	9.0	4.8%
18	13	33	13			60	14.7	7.8%
20	27	27	40			93	30.3	16.1%
22		27	33			60	27.9	14.9%
24		13	7			20	10.5	5.6%
26		13	13			27	17.7	9.4%
28		20	13			33	25.1	13.4%
30		13	13			27	24.1	12.8%
32		7	7			13	13.9	7.4%
34			7			7	9.2	4.9%
Total	127	187	147			460	187.7	

Gum - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	27	7				33	3.2	10.5%
16	20	7	7			33	5.2	17.3%
18	7	20				27	5.9	19.7%
20	7	7	13			27	9.0	29.9%
24		7				7	3.1	10.4%
26		7				7	3.7	12.3%
Total	60	53	20			133	30.1	

Hickory - Sawtimber

International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	27					27	2.2	12.1%
16	13	20				33	5.3	29.0%
18		7				7	1.7	9.1%
20		13				13	4.2	22.9%
24	7	7				13	4.9	26.9%
Total	47	47				93	18.2	

Woodland Resources LLC - Clear Cut

Timber Marketing & Management, Inc.

Cruise Date: Monday, March 09, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA

Loblolly Pine - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12		7				7	0.6	4.8%
14		7				7	0.9	7.3%
16			7	13		20	5.8	44.9%
18				7		7	2.7	20.9%
20			7			7	2.8	22.1%
Total		13	13	20		47	12.9	

Maple - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	87					87	7.2	20.4%
16	73	20				93	12.0	34.1%
18	27	7				33	5.5	15.6%
20	27					27	4.8	13.7%
22		7				7	2.6	7.3%
24		7				7	3.1	8.9%
Total	213	40				253	35.2	

Miscellaneous Hardwood - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	7					7	0.6	17.0%
16	13					13	1.5	45.9%
20	7					7	1.2	37.1%
Total	27					27	3.3	

Northern Red Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	13					13	1.1	0.6%
16	7	13				20	3.3	1.8%
18		13				13	3.3	1.8%
20		7	13			20	7.8	4.2%
22		7	20			27	13.1	7.1%
24		20	13			33	18.0	9.7%
26		7	20			27	19.1	10.3%
28		13	33			47	38.9	21.0%
30		7	13			20	19.1	10.3%
32		7	13			20	22.0	11.9%
34		7	7			13	15.8	8.6%
36			7	7		13	23.3	12.6%
Total	20	100	140	7		267	184.6	

Poplar - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	93	140	60			293	38.6	3.3%
16	40	100	200	20		360	80.8	6.8%
18	40	53	180	207		480	162.5	13.8%
20	7	13	153	87	27	287	130.7	11.1%
22		40	73	127	53	293	174.1	14.7%
24		27	33	140	47	247	184.1	15.6%
26		20	73	107	20	220	188.4	16.0%
28			20	40		60	61.9	5.2%
30			13	20	13	47	59.5	5.0%
32			33	13		47	60.2	5.1%
34		7	7	7		20	27.1	2.3%
36				7		7	12.8	1.1%
Total	180	400	847	773	160	2,360	1,180.8	

Red Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	53	7				60	5.4	8.9%
16	13	13				27	4.0	6.7%
18	7	33				40	9.2	15.3%
20	7	13	20			40	13.9	23.1%
22		13				13	5.2	8.5%
24		13				13	6.3	10.3%
26			7			7	5.1	8.5%
28		7				7	4.4	7.2%
30			7			7	7.0	11.6%
Total	80	100	33			213	60.4	

Sassafras - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	60					60	5.0	19.6%
16	60	20				80	10.5	41.5%
18	13	7				20	3.6	14.1%
20		20				20	6.3	24.8%
Total	133	47				180	25.4	

Sycamore - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
16		13				13	2.5	100.0%
Total		13				13	2.5	

Woodland Resources LLC - Clear Cut

Timber Marketing & Management, Inc.

Cruise Date: Monday, March 09, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA

Virginia Pine - Sawtimber International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
10	7					7	0.2	2.1%
12	20	13				33	2.3	20.6%
14		20	20			40	6.5	57.5%
18			7			7	2.2	19.7%
Total	27	33	27			87	11.4	

Sawtimber Volume by Timber Type

Timber Type	# Trees	Volume	Avg BF/Tree	% of Total
Hardwood	4,333	1,780.9	411.0	98.7%
Pine	133	24.2	181.7	1.3%
Total	4,467	1,805.2	404.1	

Sawtimber Volume by DBH

DBH	# Trees	Volume	Avg BF/Tree	% of Total
10	7	0.2	36.0	0.0%
12	40	3.0	74.0	0.2%
14	813	87.0	106.9	4.8%
16	867	152.9	176.5	8.5%
18	753	223.4	296.6	12.4%
20	547	212.3	388.3	11.8%
22	407	226.4	556.7	12.5%
24	340	230.1	676.7	12.7%
26	300	241.4	804.8	13.4%
28	153	134.6	878.0	7.5%
30	100	109.6	1,096.4	6.1%
32	80	96.0	1,200.3	5.3%
34	40	52.1	1,303.0	2.9%
36	20	36.1	1,805.0	2.0%
Total	4,467	1,805.2	404.1	

Sawtimber Volume by Species

Species	# Trees	Volume	Avg BF/Tree	% of Total
Ash	33	14.0	420.2	0.8%
Basswood	87	12.2	140.4	0.7%
Birch	213	26.5	124.3	1.5%
Chestnut Oak	460	187.7	407.9	10.4%
Gum	133	30.1	226.0	1.7%
Hickory	93	18.2	195.5	1.0%
Loblolly Pine	47	12.9	275.4	0.7%
Maple	253	35.2	139.1	2.0%
Miscellaneous Hardwood	27	3.3	122.0	0.2%
Northern Red Oak	267	184.6	692.4	10.2%
Poplar	2,360	1,180.8	500.3	65.4%
Red Oak	213	60.4	283.3	3.3%
Sassafras	180	25.4	140.9	1.4%
Sycamore	13	2.5	190.0	0.1%
Virginia Pine	87	11.4	131.2	0.6%
Total	4,467	1,805.2	404.1	

Woodland Resources LLC - SC

Timber Marketing & Management, Inc.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832-0000

Phone: (804) 796-9622 • Fax: (804) 796-9693

Sawtimber Cruise: 100.0%

Cruise Date: Friday, March 13, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA
 Acreage: 7+/-
 Cruise Type: Tree Count
 Harvest Type: Select Cut
 Total BF/Acre: 6,136
 Pine Vol/Tree: 234.1
 Hardwood Vol/Tree: 469.6

Volume Legend:

- 1) Diameters shown in inches (DBH)
- 2) Logs measured in 16' increments
- 3) Sawtimber volumes are shown in thousands of board feet (MBF)
- 4) Volume scale used for each species of sawtimber is noted
- 5) Pulpwood volumes are shown in standard cords (128 cubic feet)

Comments:

Loblolly Pine - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14			4	2		6	1.2	35.6%
16			1	2		3	0.9	26.2%
18			1	1		2	0.7	22.3%
22			1			1	0.5	16.0%
Total			7	5		12	3.3	

Miscellaneous Hardwood - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
16	1					1	0.1	100.0%
Total	1					1	0.1	

Northern Red Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
24		1				1	0.5	100.0%
Total		1				1	0.5	

Poplar - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14	1	2				3	0.4	1.1%
16		3	3			6	1.3	4.2%
18		3	8	3		14	4.6	14.5%
20			8	10		18	8.5	26.7%
22			5	9	1	15	9.1	28.5%
24		1	3	1		5	3.2	9.9%
26				2		2	1.9	5.8%
28			2	1		3	2.9	9.1%
Total	1	9	29	26	1	66	31.9	

Red Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
16		1				1	0.2	3.8%
18		1				1	0.2	4.9%
20			2			2	0.6	12.4%
22	1	2				3	1.0	19.7%
24	1			1		2	0.9	18.0%
26			1	1		2	1.3	26.2%
30			1			1	0.8	15.0%
Total	2	8	2	2		12	5.1	

Virginia Pine - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
10	1					1	0.0	2.2%
12			1	1		2	0.2	13.2%
14				1	1	2	0.4	25.0%
16			1	3		4	1.0	59.6%
Total	1	2	5	1		9	1.6	

White Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
24		1				1	0.5	100.0%
Total		1				1	0.5	

Woodland Resources LLC - SC

Timber Marketing & Management, Inc.

Cruise Date: Friday, March 13, 2020
Owner's Name: Woodland Resources LLC
County/State: Nelson County, VA

Sawtimber Volume by Timber Type

<u>Timber Type</u>	<u># Trees</u>	<u>Volume</u>	<u>Avg BF/Tree</u>	<u>% of Total</u>
Hardwood	81	38.0	469.6	88.6%
Pine	21	4.9	234.1	11.4%
Total	102	43.0	421.1	

Sawtimber Volume by DBH

<u>DBH</u>	<u># Trees</u>	<u>Volume</u>	<u>Avg BF/Tree</u>	<u>% of Total</u>
10	1	0.0	36.0	0.1%
12	2	0.2	106.0	0.5%
14	11	1.9	176.6	4.5%
16	15	3.5	230.9	8.1%
18	17	5.6	330.8	13.1%
20	20	9.2	458.2	21.3%
22	19	10.6	559.8	24.8%
24	9	5.0	558.0	11.7%
26	4	3.2	796.8	7.4%
28	3	2.9	968.0	6.8%
30	1	0.8	758.0	1.8%
Total	102	43.0	421.1	

Sawtimber Volume by Species

<u>Species</u>	<u># Trees</u>	<u>Volume</u>	<u>Avg BF/Tree</u>	<u>% of Total</u>
Loblolly Pine	12	3.3	275.7	7.7%
Miscellaneous Hardwood	1	0.1	112.0	0.3%
Northern Red Oak	1	0.5	469.0	1.1%
Poplar	66	31.9	483.8	74.3%
Red Oak	12	5.1	421.2	11.8%
Virginia Pine	9	1.6	178.7	3.7%
White Oak	1	0.5	469.0	1.1%
Total	102	43.0	421.1	

Woodland Resources LLC - SMZ's

Timber Marketing & Management, Inc.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832-0000

Phone: (804) 796-9622 • Fax: (804) 796-9693

Sawtimber Cruise: 100.0%

Cruise Date: Thursday, February 27, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA
 Acreage: 27+/-
 Cruise Type: Tree Count
 Harvest Type: Select Cut
 Total BF/Acre: 4,654
 Pine Vol/Tree: 179.6
 Hardwood Vol/Tree: 401.5

Volume Legend:

- 1) Diameters shown in inches (DBH)
- 2) Logs measured in 16' increments
- 3) Sawtimber volumes are shown in thousands of board feet (MBF)
- 4) Volume scale used for each species of sawtimber is noted
- 5) Pulpwood volumes are shown in standard cords (128 cubic feet)

Comments:

Ash - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
22	1					1	0.2	100.0%
Total	1					1	0.2	

Birch - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
20	1					1	0.2	100.0%
Total	1					1	0.2	

Black Walnut - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
20	1					1	0.2	100.0%
Total	1					1	0.2	

Chestnut Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
16	1					1	0.1	8.4%
18	1	1				2	0.4	29.3%
20	1					1	0.2	13.5%
28		1				1	0.7	48.8%
Total	3	2				5	1.3	

Hickory - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
18	1					1	0.1	9.1%
20		2	1			3	1.1	66.5%
22		1				1	0.4	24.4%
Total	1	3	1			5	1.6	

Loblolly Pine - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
10	2					2	0.1	7.7%
14			1			1	0.2	20.0%
18			2			2	0.7	72.3%
Total	2		3			5	0.9	

Maple - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
16	1					1	0.1	16.6%
18		1				1	0.2	36.8%
20		1				1	0.3	46.6%
Total	1	2				3	0.7	

Northern Red Oak - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
20		1	1			2	0.7	21.0%
24		1				1	0.5	13.3%
26		1	1			2	1.3	37.6%
34		1				1	1.0	28.1%
Total		4	2			6	3.5	

Poplar - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
14		2	1			3	0.5	0.4%
16		22	40			62	14.4	13.2%
18		17	45	11		73	23.8	21.8%
20		8	34	24	2	68	30.5	28.0%
22	1	4	15	10	1	31	16.8	15.4%
24		2	11	3	1	17	11.2	10.3%
26			2	2		4	3.4	3.1%
28		1	1	3		5	4.8	4.5%
30			1			1	1.1	1.0%
32			2			2	2.4	2.2%
Total	1	56	152	53	4	266	108.9	

Woodland Resources LLC - SMZ's

Timber Marketing & Management, Inc.

Cruise Date: Thursday, February 27, 2020
 Owner's Name: Woodland Resources LLC
 County/State: Nelson County, VA

Red Oak - Sawtimber International 1/4 Scale

Number of Logs									
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total	
16	1					1	0.1	7.7%	
20		1				1	0.3	21.6%	
24		1				1	0.5	32.3%	
26		1				1	0.6	38.4%	
Total	1	3				4	1.5		

Sassafras - Sawtimber International 1/4 Scale

Number of Logs									
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total	
16		1				1	0.2	23.7%	
18	1	1				2	0.4	48.8%	
22	1					1	0.2	27.5%	
Total	2	2				4	0.8		

Sycamore - Sawtimber International 1/4 Scale

Number of Logs									
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total	
16		1	2			3	0.7	14.5%	
18		2	1			3	0.8	17.2%	
20		1				1	0.3	6.5%	
22			1	1		2	1.2	24.2%	
24	1		1			2	0.9	18.8%	
28			1			1	0.9	18.7%	
Total	1	4	6	1		12	4.8		

Virginia Pine - Sawtimber International 1/4 Scale

Number of Logs									
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total	
12	1	1	1			3	0.3	25.6%	
14			1			1	0.2	17.8%	
16			1			1	0.3	24.5%	
18			1			1	0.3	32.1%	
Total	1	1	4			6	1.0		

Sawtimber Volume by Timber Type

Timber Type	# Trees	Volume	Avg BF/Tree	% of Total
Hardwood	308	123.7	401.5	98.4%
Pine	11	2.0	179.6	1.6%
Total	319	125.6	393.9	







Sawtimber Volume by DBH

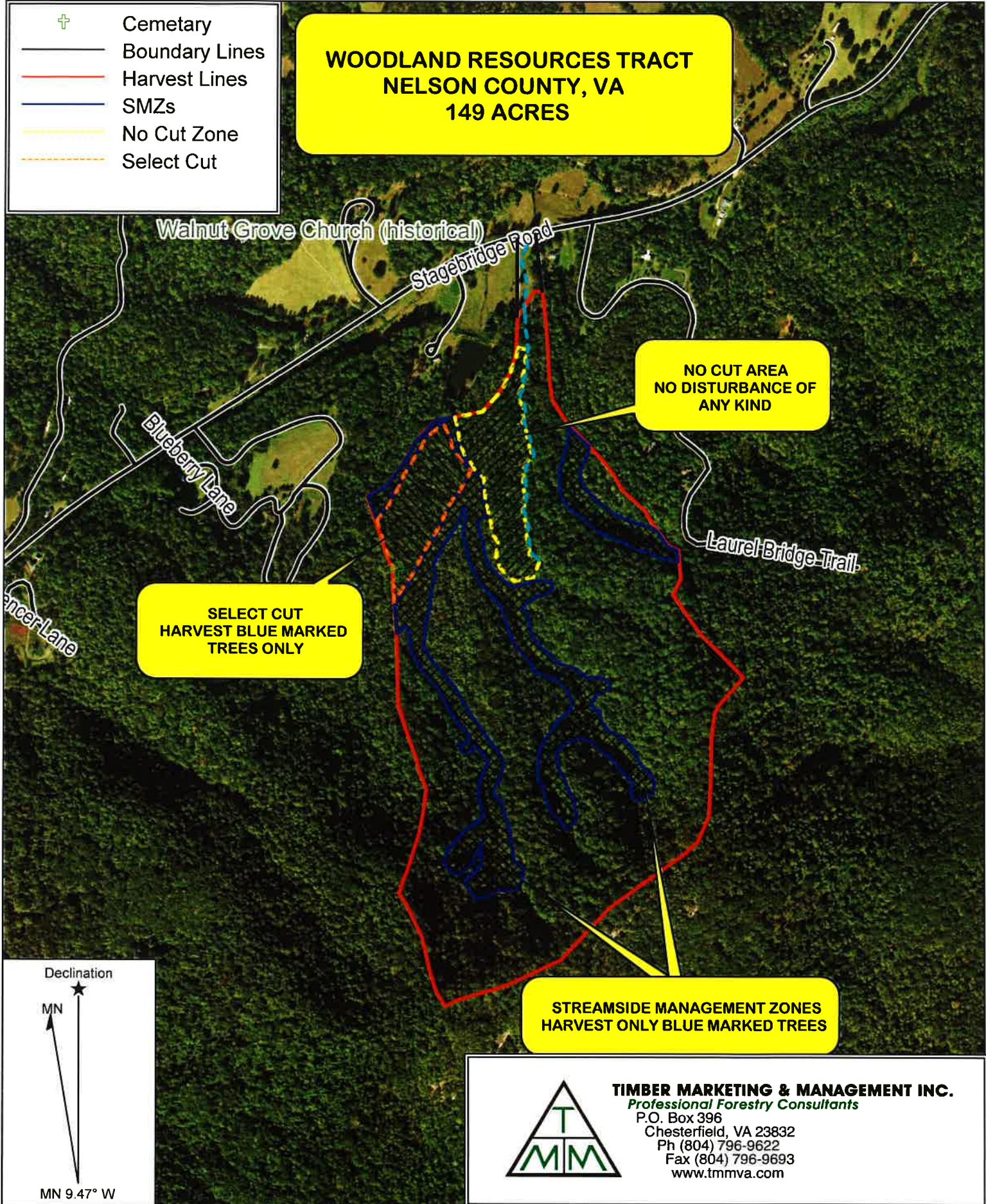
DBH	# Trees	Volume	Avg BF/Tree	% of Total
10	2	0.1	36.0	0.1%
12	3	0.3	89.3	0.2%
14	5	0.8	168.0	0.7%
16	70	15.9	227.2	12.7%
18	85	26.8	315.0	21.3%
20	79	33.8	427.3	26.9%
22	36	18.8	522.1	15.0%
24	21	13.1	623.2	10.4%
26	7	5.3	754.1	4.2%
28	7	6.4	914.9	5.1%
30	1	1.1	1,050.0	0.8%
32	2	2.4	1,213.0	1.9%
34	1	1.0	989.0	0.8%
Total	319	125.6	393.9	

Sawtimber Volume by Species

Species	# Trees	Volume	Avg BF/Tree	% of Total
Ash	1	0.2	221.0	0.2%
Birch	1	0.2	181.0	0.1%
Black Walnut	1	0.2	181.0	0.1%
Chestnut Oak	5	1.3	267.8	1.1%
Hickory	5	1.6	317.2	1.3%
Loblolly Pine	5	0.9	186.0	0.7%
Maple	3	0.7	224.7	0.5%
Northern Red Oak	6	3.5	587.3	2.8%
Poplar	266	108.9	409.3	86.7%
Red Oak	4	1.5	363.3	1.2%
Sassafras	4	0.8	200.8	0.6%
Sycamore	12	4.8	402.3	3.8%
Virginia Pine	6	1.0	174.3	0.8%
Total	319	125.6	393.9	

**WOODLAND RESOURCES TRACT
NELSON COUNTY, VA
149 ACRES**

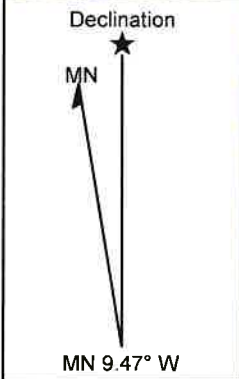
-  Cemetary
-  Boundary Lines
-  Harvest Lines
-  SMZs
-  No Cut Zone
-  Select Cut



**SELECT CUT
HARVEST BLUE MARKED
TREES ONLY**

**NO CUT AREA
NO DISTURBANCE OF
ANY KIND**







**STREAMSIDE MANAGEMENT ZONES
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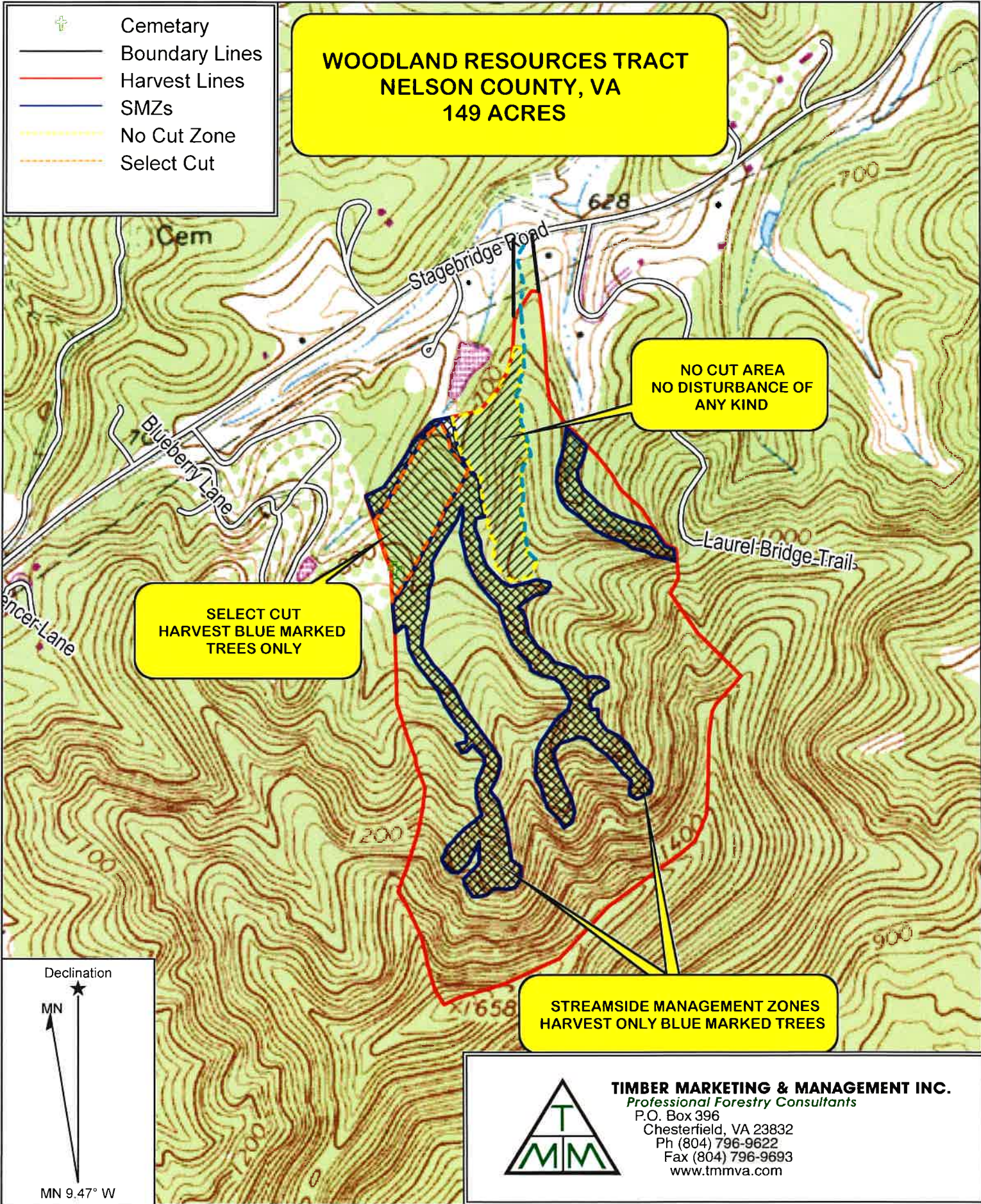




TIMBER MARKETING & MANAGEMENT INC.
Professional Forestry Consultants
 P.O. Box 396
 Chesterfield, VA 23832
 Ph (804) 796-9622
 Fax (804) 796-9693
www.tmmva.com

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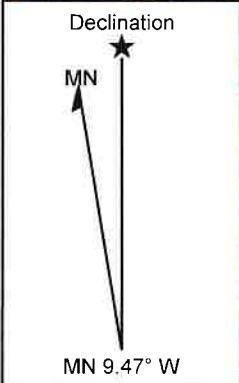
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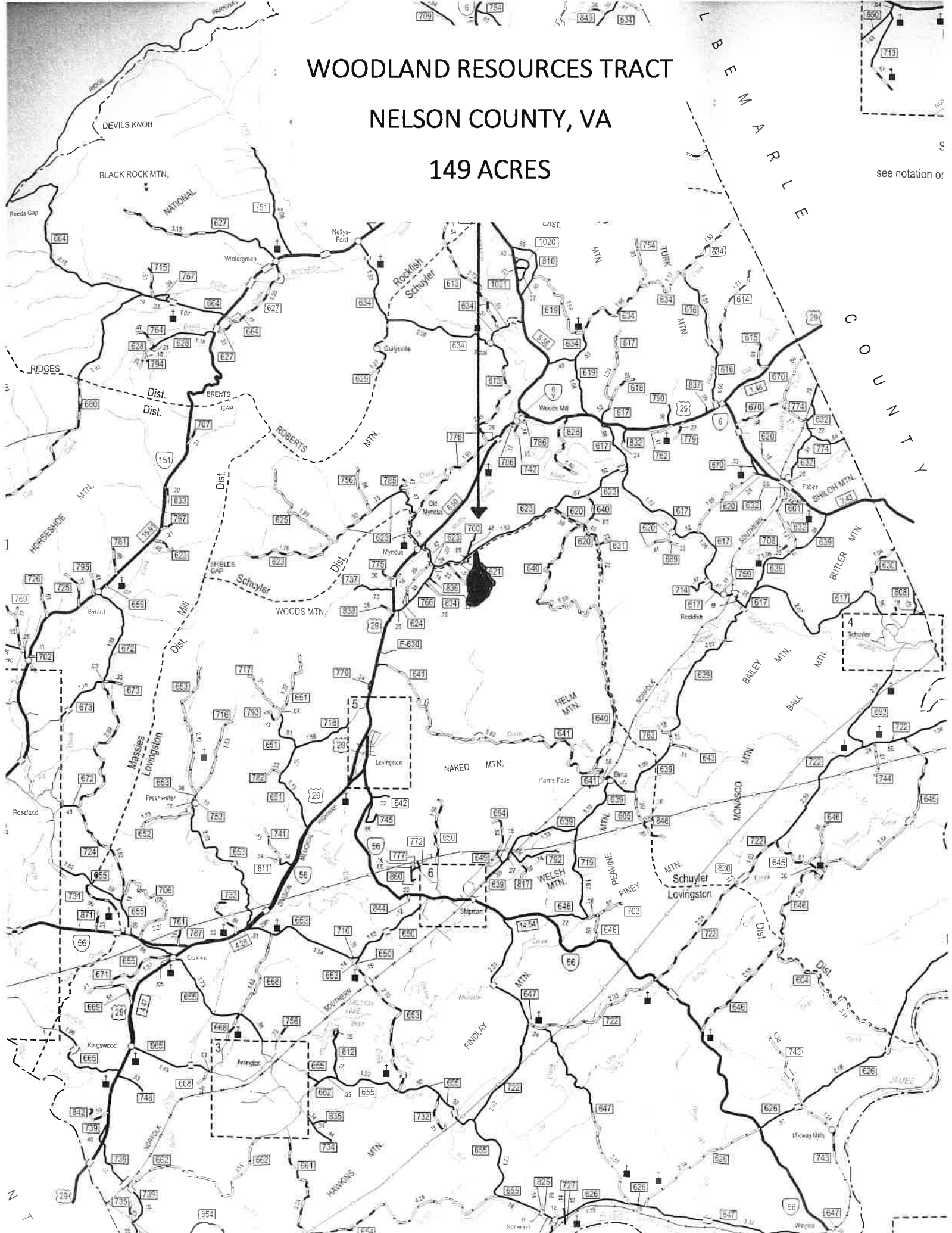
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