**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:	March 1, 2019
Time:	11:00 a.m.
Day:	Friday
Total Vol./Acre:	8,376 B. F.
Pine Vol/Tree:	139 B. F.
Hdwd. Vol/Tree:	212 B. F.

**CLEAR- CUT SALE
EXCELLENT ACCESS
EXCELLENT WET WEATHER LOGGING**

Having been employed by **Ray Davis Holdings LLC** we solicit bids on all merchantable timber on 29 +/- acres in **King & Queen** County, Virginia and as shown on the attached map.

We have made an 8% cruise of the pulpwood trees to be harvested. Our estimate of their volume is:

<u>Pulpwood</u>	<u>Cords</u>	<u>Tons</u>
Pine	48	125
Soft Hardwood	89	231
Hard Hardwood	<u>124</u>	<u>322</u>
Total:	261	679

We have made a 100% count of the sawtimber-size trees to be harvested. Our estimate of their volume is:

Sawtimber

Red Oak	87,400	Maple	3,700
Poplar	80,700	Gum	2,100
White Oak	28,800	Birch	400
Hickory	6,700	Locust	100
Beech	5,900	Loblolly Pine	17,200
Chestnut Oak	5,700	Virginia Pine	<u>4,200</u>

Total: 242,900

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

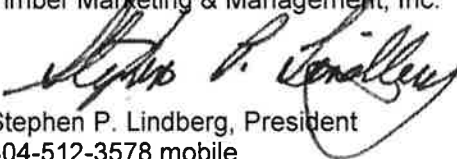
1. A period of time of **24 months** will be allowed to cut and remove the timber.
2. Roads **must** be maintained and restored to their original condition upon completion of the logging. Any newly constructed roads and decks must be left in a graded condition and must be seeded upon completion of logging. 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.
3. No tops or laps will be allowed to remain in the streams, fields, buffers or over cutting boundaries. They must be pulled back into the harvest area immediately.
4. Only the blue marked trees are to be cut from Streamside Management Zones. SMZ's are flagged with Pink GLO SMZ Flagging.
5. Property boundaries are flagged with Pink GLO Flagging.
6. 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.
7. A \$2,000 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.

8. If the gate at the entrance is closed please drive around it to the left. You will see where vehicles have been driving around the gate. The main road on the map is open and free of any obstacles. Feel free to drive into the tract to review the timber.

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.

There will not be any scheduled show trip of the tract; however, you may call and set an appointment or you may inspect the property at your own leisure.

Sincerely,
Timber Marketing & Management, Inc.



Stephen P. Lindberg, President
804-512-3578 mobile
804-796-9622 office

Ray Davis Holdings LLC - Indian Trail Tract

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: 8.0%

Sawtimber Cruise: 100.0%

Cruise Date: Friday, February 15, 2019
 Owner's Name: Ray Davis Holdings LLC
 County/State: King & Queen County, VA
 Acreage: 29+/-
 Cruise Type: Tree Count
 Harvest Type: Select Cut
 Total BF/Acre: 8,376
 Pine Vol/Tree: 138.9
 Hardwood Vol/Tree: 211.6

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:

Pulpwood Standard Cord

Wood Classification								
Pine		Soft Hardwood		Hard Hardwood		Cedar		
DBH	# Trees	Volume	# Trees	Volume	# Trees	Volume	# Trees	Volume
6	25	1	175	7	450	18		
8	63	6	138	11	388	31		
10	75	12	238	32	338	45		
12	88	23	150	30	125	25		
14	13	5	38	10	25	7		
Total	263	48	738	89	1,325	124		

Beech - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	3					3	0.2	2.9%
14	14					14	1.2	19.8%
16	9					9	1.0	17.1%
18	11					11	1.6	26.9%
20	6					6	1.1	18.5%
22	1	1				2	0.6	10.3%
24	1					1	0.3	4.5%
Total	45	1				46	5.9	

Birch - 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	28.0%
18	2					2	0.3	72.0%
Total	3					3	0.4	

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
12	8					8	0.4	7.8%
14	4	3				7	0.8	13.2%
16	3	10				13	2.2	39.1%
18		2				2	0.5	8.7%
20		2				2	0.6	11.0%
22		1				1	0.4	6.8%
26			1			1	0.8	13.4%
Total	15	18	1			34	5.7	

Gum - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	4					4	0.2	10.8%
14	1	2				3	0.4	17.6%
16	1	1				2	0.3	14.6%
18			1			1	0.3	16.2%
20		1				1	0.3	15.2%
22			1			1	0.5	25.5%
Total	6	4	2			12	2.1	

Hickory - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	4					4	0.2	3.4%
14	9	5				14	1.5	21.7%
16	2	4	1			7	1.2	18.6%
18	1	5	3			9	2.4	35.8%
20		1				1	0.3	4.7%
22			2			2	1.1	15.8%
Total	16	15	6			37	6.7	

Ray Davis Holdings LLC - Indian Trail Tract

Timber Marketing & Management, Inc.

Cruise Date: Friday, February 15, 2019
 Owner's Name: Ray Davis Holdings LLC
 County/State: King & Queen 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
10	18	4	1			23	1.0	5.6%
12	3	15	12			30	3.0	17.4%
14		7	17			24	4.1	24.1%
16		3	7	1		11	2.7	15.5%
18		2	6	1		9	2.9	16.9%
20		2	3			5	1.9	11.1%
22			1	1		2	1.2	6.8%
24		1				1	0.5	2.7%
Total	21	34	47	3		105	17.2	

Locust - 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	

Maple - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	5					5	0.3	7.6%
14	2					2	0.2	4.5%
16	4	2				6	0.8	22.4%
18	1	1				2	0.4	10.6%
20	2	2	1			5	1.4	38.4%
22	1	1				2	0.6	16.5%
Total	15	6	1			22	3.7	

Poplar - Sawtimber International 1/4 Scale

Number of Logs								
DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	41	2				43	2.5	3.1%
14	8	45	10			63	8.9	11.0%
16	4	14	28	3		49	11.2	13.9%
18		14	44	5		63	20.3	25.1%
20	1	9	17	5		32	12.8	15.9%
22	2	2	13	4		21	10.6	13.2%
24		5	9	1		15	8.9	11.0%
26		1	2	1		4	3.0	3.7%
28		1	1			2	1.6	1.9%
34		1				1	1.0	1.2%
Total	56	94	124	19		293	80.7	

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
12	67					67	3.8	4.3%
14	54	42	1			97	10.6	12.1%
16	33	71	3			107	18.0	20.5%
18	8	58	12			78	19.6	22.4%
20	7	36	16			59	19.4	22.2%
22	4	10	3			17	6.3	7.3%
24	2	6	1			9	4.0	4.6%
26		2	1			3	1.9	2.2%
28	1					1	0.4	0.4%
30		1				1	0.8	0.9%
32			1			1	1.2	1.4%
36			1			1	1.6	1.8%
Total	176	226	39			441	87.4	

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	9	1				10	0.4	9.2%
12	15	8				23	1.6	37.8%
14	3	7				10	1.2	29.7%
16	3	2	1			6	1.0	23.3%
Total	30	18	1			49	4.2	

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
12	30	1				31	1.8	6.1%
14	17	25				42	4.9	17.1%
16	8	26	4			38	6.9	23.8%
18	3	16	3			22	5.4	18.7%
20	1	11	5			17	5.8	20.0%
22		3	1			4	1.7	5.9%
24		1	2			3	1.8	6.1%
28		1				1	0.7	2.3%
Total	59	84	15			158	28.8	

Ray Davis Holdings LLC - Indian Trail Tract

Timber Marketing & Management, Inc.

Cruise Date: Friday, February 15, 2019
Owner's Name: Ray Davis Holdings LLC
County/State: King & Queen 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	1,047	221.5	211.6	91.2%
Pine	154	21.4	138.9	8.8%
Total	1,201	242.9	202.3	

Sawtimber Volume by DBH

<u>DBH</u>	<u># Trees</u>	<u>Volume</u>	<u>Avg BF/Tree</u>	<u>% of Total</u>
10	33	1.3	40.6	0.6%
12	218	13.9	63.8	5.7%
14	276	33.7	122.0	13.9%
16	250	45.5	181.9	18.7%
18	199	53.6	269.6	22.1%
20	128	43.7	341.1	18.0%
22	52	23.0	442.5	9.5%
24	29	15.4	530.9	6.3%
26	8	5.7	709.1	2.3%
28	4	2.6	644.8	1.1%
30	1	0.8	758.0	0.3%
32	1	1.2	1,213.0	0.5%
34	1	1.0	989.0	0.4%
36	1	1.6	1,571.0	0.6%
Total	1,201	242.9	202.3	

Sawtimber Volume by Species

<u>Species</u>	<u># Trees</u>	<u>Volume</u>	<u>Avg BF/Tree</u>	<u>% of Total</u>
Beech	46	5.9	127.9	2.4%
Birch	3	0.4	133.3	0.2%
Chestnut Oak	34	5.7	168.1	2.4%
Gum	12	2.1	172.4	0.9%
Hickory	37	6.7	180.5	2.7%
Loblolly Pine	105	17.2	164.0	7.1%
Locust	1	0.1	112.0	0.0%
Maple	22	3.7	167.8	1.5%
Poplar	293	80.7	275.6	33.2%
Red Oak	441	87.4	198.2	36.0%
Virginia Pine	49	4.2	85.0	1.7%
White Oak	158	28.8	182.6	11.9%
Total	1,201	242.9	202.3	

**RAY DAVIS HOLDINGS LLC
(Indian Neck Tract)
29+/- Acres
King And Queen County, VA**

**No Cut Buffer
Marked With
Pink Glo Flagging**

Area Not To Cut

**CLEARCUT
* Marked with Pink
Glo Flagging**

Access Road

**SMZ's
* Only Blue Painted Trees
Are To Be Harvested.
* Marked With Pink Glo
Flagging**

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Declination



MN 10.62° W

Name: Ray Davis Holdings LLC
Date: 02/19/19
Scale: 1 inch = 660 ft.

Location: King & Queen County, VA
Drawn By: Allen Wills

**RAY DAVIS HOLDINGS LLC
(Indian Neck Tract)
29+/- Acres
King And Queen County, VA**

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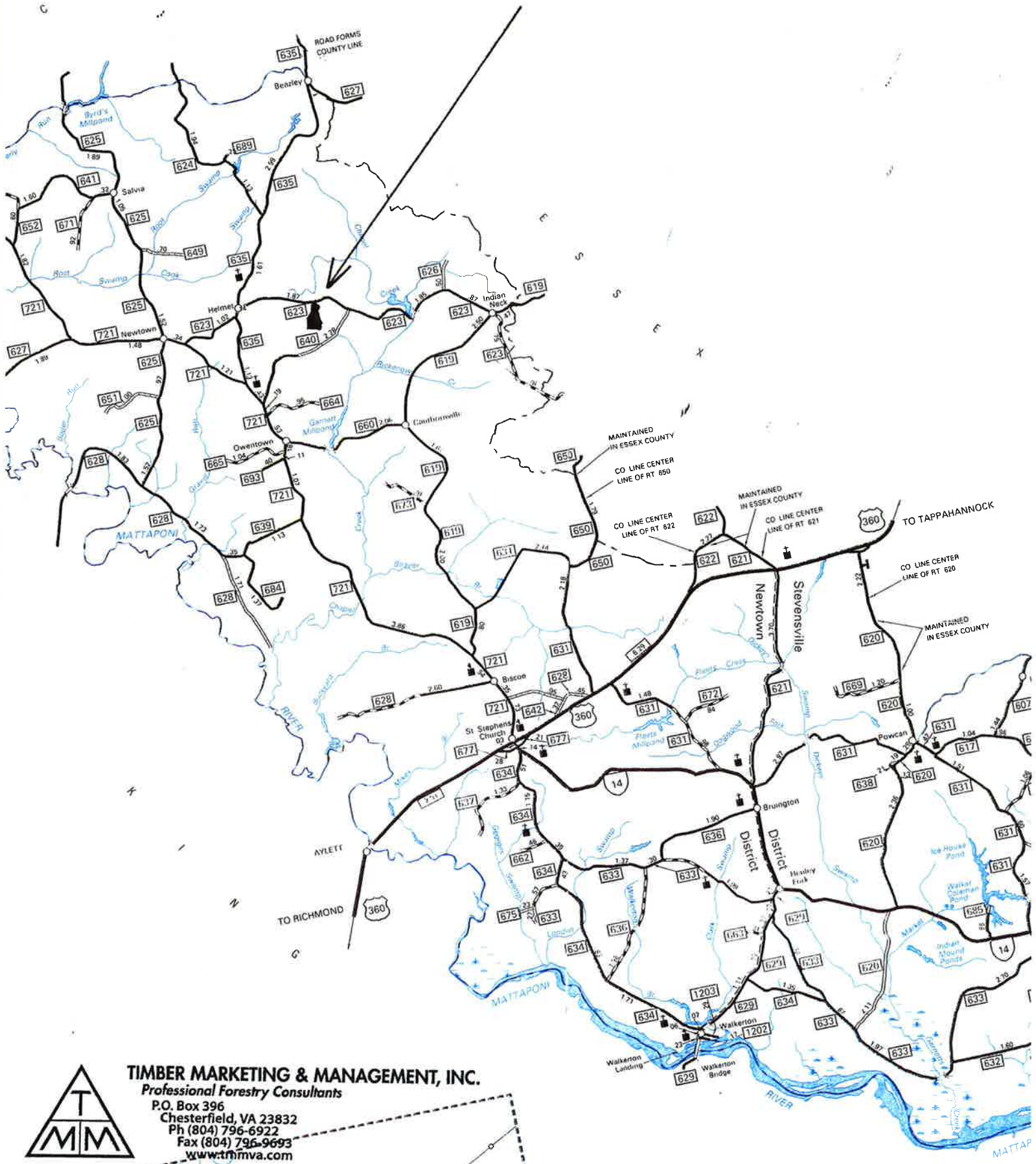
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RAY DAVIS HOLDINGS LLC (Indian Neck Tract)

29 +/- Acres

King and Queen County, VA



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