



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6735

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on January 25, 2021.

LOCATION: KALKASKA FIELD OFFICE, 2089 NORTH BIRCH STREET, KALKASKA, MI 49646.

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (<https://www.dnr.state.mi.us/VMSONlineBidding/>). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time.

The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Loon Lake Shake (61-112-20) / T26N, R07W, SEC. 6 , NESW.

T26N, R08W, SEC. 1 , E1/2SE.

Kalkaska County, Advertised Price \$16,369.00, 26.1 Acres, Red Pine, Hardwood.

Rotor Wing and a Prayer (61-121-20) / T28N, R05W, SEC. 20, SESW.

T28N, R05W, SEC. 28, NWNW,S1/2NW,S1/2NE,SW,N1/2SE.

T28N, R05W, SEC. 28, SWSE.

T28N, R05W, SEC. 29, NENW,NE.

T28N, R05W, SEC. 30, SWNW,SW.

T28N, R06W, SEC. 25, SENE.

Kalkaska County, Advertised Price \$133,595.25, 276.7 Acres, Hardwood, Sugar Maple.

SALE NOTE: Please note that several units will require chipping to facilitate future planting operations. Alternatives may be considered if the Purchaser can demonstrate that site will be sufficiently prepared for planting.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

Goodbye Kelly Aspen (61-123-20) / T26N, R08W, SEC. 2 , N1/2NE,SENE.

Kalkaska County, Advertised Price \$15,316.35, 20.2 Acres, Hardwood, Aspen.

Jimmy James Hardwoods (61-124-20) / T28N, R07W, SEC. 20, NW,N1/2NE.

Kalkaska County, Advertised Price \$41,092.05, 84.9 Acres, White Pine, Hardwood.

122 Porky Beaver Popple (61-127-20) / T26N, R05W, SEC. 17, W1/2NW,W1/2SW.

T26N, R05W, SEC. 18, E1/2NE,E1/2SE.

T26N, R05W, SEC. 7 , SENE.

T26N, R05W, SEC. 8 , SWNW.

Kalkaska County, Advertised Price \$27,225.85, 72.3 Acres, Aspen, Red Pine.

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

BID INSTRUCTIONS (VER. 07/02/2018):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, KALKASKA OFFICE, 2089 North Birch Street, Kalkaska, MI 49646, no later than 4:00 p.m. (local time) on January 25, 2021. For further information concerning this sale, contact David Lemmien at 231-922-6040.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (7/18)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining , attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

Loon Lake Shake (61-112-20)
 T26N, R07W, SEC. 6; T26N, R08W, SEC. 1.
 Kalkaska County (Advertised Price \$16,369.00)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	6.1 MBF	\$ 77.00 / MBF
Red Maple	5.4 MBF	\$ 95.00 / MBF
Red Pine	99.7 MBF	\$ 78.00 / MBF
White Pine	3.5 MBF	\$ 41.00 / MBF
Pulpwood		
B. T. Aspen	9 Cords	\$ 11.90 / Cord
Balsam Fir	9 Cords	\$ 7.50 / Cord
Mixed Hardwood	110 Cords	\$ 11.35 / Cord
Red Pine	220 Cords	\$ 26.35 / Cord
White Pine	23 Cords	\$ 10.70 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 32.89 percent. There are an estimated 601 cords on this timber sale, plus or minus 198 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$818.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	59.9%
02	40.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
47,471	601	32.89%	403	799

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
8	24,545	311	21.01%	245	376
34	22,926	290	62.68%	108	472
TOTAL:	47,471	601		354	848

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
8	17.1	1	17.1
34	9.0	2	9.0
TOTAL:	26.1		26.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	63.8	MBF	17.1	\$9,798.45
	Red Pine	Pulpwood	183	Cords		
2	B. T. Aspen	Sawtimber	6.1	MBF	9.0	\$6,570.55
	Red Maple		5.4	MBF		
	Red Pine	35.9	MBF			
	White Pine	3.5	MBF			
	B. T. Aspen	Pulpwood	9	Cords		
	Balsam Fir		9	Cords		
	Mixed Hardwood		110	Cords		
	<i>Black Cherry</i>		13	<i>Cords</i>		
	<i>Red Maple</i>		97	<i>Cords</i>		
	Red Pine		37	Cords		
	White Pine		23	Cords		
TOTAL:			114.7	MBF		
TOTAL:			371	Cords		

Sale Specific Conditions & Requirements

Sale Name: Loon Lake Shake

Sale Number: 61-112-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 2, cut all trees that are two (2) inches or more at DBH, except do not cut any yellow birch, cedar, and hemlock.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 1 and 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet areas within the unit.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451 as amended.

Sale Number	Year
61-112	20

Forest Management Unit Traverse City	County Kalkaska	Mapped By Roell	Date 04/15/2020	Page 1	of 1
Township 26N	Range 07 & 08W	Section(s) and Subdivision(s) E1/2SE Sec1, SW1/4 Sec6	Scale 1:15,840		

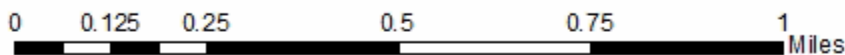
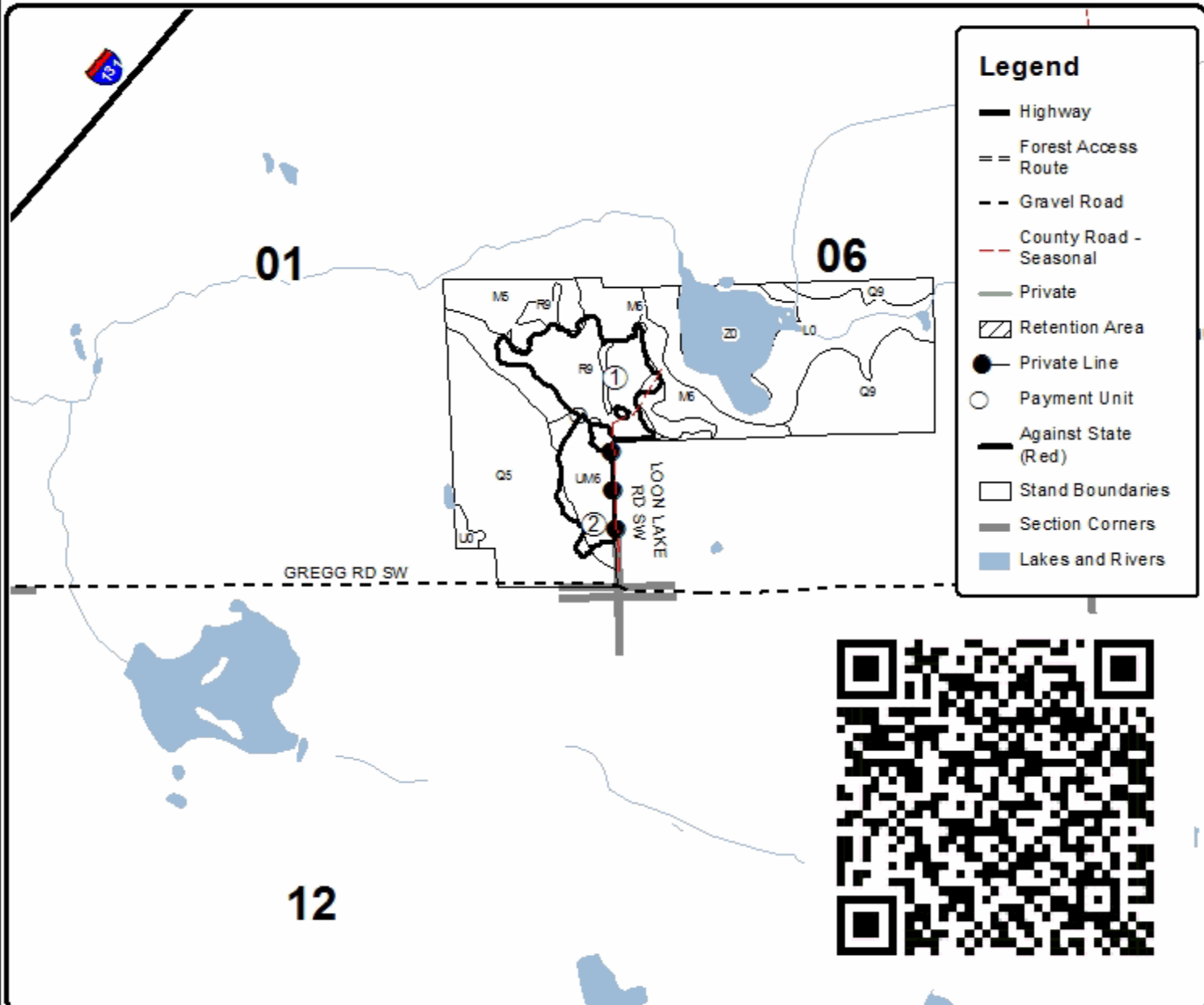
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Ech. Birch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Creas	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	17.1
2	9

Loon Lake Shake

Compartment 157

26.1 Acres



TIMBER SALE INFORMATION

Rotor Wing and a Prayer (61-121-20)

T28N, R05W, SEC. 20; T28N, R05W, SEC. 28; T28N, R05W, SEC. 29; T28N, R05W, SEC. 30; T28N, R06W, SEC. 25.
Kalkaska County (Advertised Price \$133,595.25)

SALE NOTE: Please note that several units will require chipping to facilitate future planting operations. Alternatives may be considered if the Purchaser can demonstrate that site will be sufficiently prepared for planting .

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Basswood	79.8	MBF	\$ 58.00 / MBF
Beech	37.2	MBF	\$ 45.00 / MBF
Black Cherry	19.4	MBF	\$ 149.00 / MBF
Mixed Aspen	78.9	MBF	\$ 77.00 / MBF
Paper Birch	4.5	MBF	\$ 24.00 / MBF
Red Maple	341.8	MBF	\$ 95.00 / MBF
Red Oak	28.7	MBF	\$ 117.00 / MBF
Red Pine	4.0	MBF	\$ 78.00 / MBF
Sugar Maple	305.3	MBF	\$ 135.00 / MBF
White Pine	6.5	MBF	\$ 41.00 / MBF
Pulpwood			
Mixed Aspen	264	Cords	\$ 11.90 / Cord
Mixed Hardwood	3,225	Cords	\$ 11.35 / Cord
Red Oak	62	Cords	\$ 8.25 / Cord
Red Pine	8	Cords	\$ 26.35 / Cord
White Pine	12	Cords	\$ 10.70 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.19 percent. There are an estimated 5,384 cords on this timber sale, plus or minus 387 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$13,360.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	14.3%
02	6.1%
03	1.8%
04	4.8%
05	7.3%
06	4.7%
07	2.9%
08	9.9%
09	9.7%
10	11.4%
11	27.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2024.

SALE STATISTICS**SALE VOLUMES**

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
425,297	5,384	7.19%	4,996	5,771

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
7	24,782	314	34.31%	206	421
10	69,820	884	15.06%	751	1,017
21	10,357	131	43.45%	74	188
22	45,891	581	14.31%	498	664
52	42,810	542	19.68%	435	649
53	42,968	544	33.13%	364	724
153	36,522	462	14.55%	395	530
159	152,138	1,926	10.53%	1,723	2,129
TOTAL:	425,289	5,383		4,446	6,321

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
7	18.5	2	18.5
10	44.1	1	44.1
21	9.3	3	9.3
22	43.0	4	17.0
		5	26.0
52	33.7	6	20.7
		7	13.0
53	24.8	9	24.8
153	19.6	8	19.6
159	83.7	10	24.8
		11	58.9
TOTAL:	276.7		276.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	55.4	MBF	44.1	\$19,120.80
	Beech		7.6	MBF		
	Mixed Aspen		1.0	MBF		
	<i>B. T. Aspen</i>		1.0	<i>MBF</i>		
	Red Maple		10.7	MBF		
	Red Oak		6.4	MBF		
	Red Pine		3.0	MBF		
	Sugar Maple		47.3	MBF		
	White Pine		3.0	MBF		
	Mixed Aspen		Pulpwood	5		
	<i>B. T. Aspen</i>	2		<i>Cords</i>		
	<i>Quaking Aspen</i>	3		<i>Cords</i>		
	Mixed Hardwood	569		Cords		
	<i>Basswood</i>	106		<i>Cords</i>		
	<i>Beech</i>	182		<i>Cords</i>		
	<i>Ironwood</i>	13		<i>Cords</i>		
	<i>Red Maple</i>	60		<i>Cords</i>		
	<i>Sugar Maple</i>	208		<i>Cords</i>		
	Red Oak	26		Cords		
	Red Pine	7	Cords			
White Pine	6	Cords				
2	Basswood	Sawtimber	14.5	MBF	18.5	\$8,183.90
	Paper Birch		1.6	MBF		
	Red Oak		0.8	MBF		
	Sugar Maple		35.7	MBF		
	Mixed Aspen	Pulpwood	5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		204	Cords		
	<i>Basswood</i>		41	<i>Cords</i>		
	<i>Beech</i>		30	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Paper Birch</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		14	<i>Cords</i>		
	<i>Sugar Maple</i>		103	<i>Cords</i>		
	Red Oak		2	Cords		
3	Basswood	Sawtimber	1.6	MBF	9.3	\$2,435.60
	Beech		1.3	MBF		
	Red Maple		2.9	MBF		
	Sugar Maple		5.8	MBF		
	Mixed Hardwood	Pulpwood	108	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Beech</i>		20	<i>Cords</i>		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		76	<i>Cords</i>		
4	Basswood	Sawtimber	2.5	MBF	17.0	\$6,405.40
	Black Cherry		3.4	MBF		
	Red Maple		10.9	MBF		
	Red Oak		7.2	MBF		
	Sugar Maple		16.6	MBF		
	Mixed Aspen	Pulpwood	1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		135	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Beech</i>		13	<i>Cords</i>		
	<i>Black Cherry</i>		8	<i>Cords</i>		

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Red Maple</i>	<i>Pulpwood</i>	28	<i>Cords</i>		
	<i>Sugar Maple</i>		83	<i>Cords</i>		
	Red Oak		11	Cords		
5	Basswood	Sawtimber	3.8	MBF	26.0	\$9,814.10
	Black Cherry		5.3	MBF		
	Red Maple		16.6	MBF		
	Red Oak		10.9	MBF		
	Sugar Maple		25.3	MBF		
	Mixed Aspen		2	Cords		
	<i>Quaking Aspen</i>	2	<i>Cords</i>			
	Mixed Hardwood	209	Cords			
	<i>Basswood</i>	5	<i>Cords</i>			
	<i>Beech</i>	20	<i>Cords</i>			
	<i>Black Cherry</i>	12	<i>Cords</i>			
	<i>Red Maple</i>	44	<i>Cords</i>			
	<i>Sugar Maple</i>	128	<i>Cords</i>			
	Red Oak	17	Cords			
6	Basswood	Sawtimber	1.2	MBF	20.7	\$6,256.75
	Beech		0.2	MBF		
	Mixed Aspen		7.4	MBF		
	<i>B. T. Aspen</i>		7.4	<i>MBF</i>		
	Red Maple		9.1	MBF		
	Sugar Maple		11.8	MBF		
	White Pine	0.5	MBF			
	Mixed Aspen	59	Cords			
	<i>B. T. Aspen</i>	39	<i>Cords</i>			
	<i>Quaking Aspen</i>	20	<i>Cords</i>			
	Mixed Hardwood	213	Cords			
	<i>Basswood</i>	1	<i>Cords</i>			
	<i>Beech</i>	49	<i>Cords</i>			
	<i>Black Cherry</i>	9	<i>Cords</i>			
	<i>Ironwood</i>	4	<i>Cords</i>			
	<i>Red Maple</i>	46	<i>Cords</i>			
	<i>Sugar Maple</i>	104	<i>Cords</i>			
White Pine	1	Cords				
7	Basswood	Sawtimber	0.8	MBF	13.0	\$3,922.95
	Beech		0.2	MBF		
	Mixed Aspen		4.6	MBF		
	<i>B. T. Aspen</i>		4.6	<i>MBF</i>		
	Red Maple		5.7	MBF		
	Sugar Maple		7.4	MBF		
	White Pine	0.3	MBF			
	Mixed Aspen	37	Cords			
	<i>B. T. Aspen</i>	24	<i>Cords</i>			
	<i>Quaking Aspen</i>	13	<i>Cords</i>			
	Mixed Hardwood	133	Cords			
	<i>Basswood</i>	1	<i>Cords</i>			
	<i>Beech</i>	31	<i>Cords</i>			
	<i>Black Cherry</i>	5	<i>Cords</i>			
	<i>Ironwood</i>	2	<i>Cords</i>			
	<i>Red Maple</i>	29	<i>Cords</i>			
	<i>Sugar Maple</i>	65	<i>Cords</i>			
White Pine	1	Cords				
8	Beech	Sawtimber	1.9	MBF	19.6	\$13,264.90
	Black Cherry		6.3	MBF		
	Mixed Aspen		20.3	MBF		

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	<i>Quaking Aspen</i>	<i>Sawtimber</i>	20.3	<i>MBF</i>		
	Red Maple		52.2	MBF		
	Sugar Maple		19.8	MBF		
	White Pine		2.7	MBF		
	Mixed Aspen	Pulpwood	58	Cords		
	<i>Quaking Aspen</i>		58	<i>Cords</i>		
	Mixed Hardwood		194	Cords		
	<i>Beech</i>		14	<i>Cords</i>		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Red Maple</i>		105	<i>Cords</i>		
	<i>Sugar Maple</i>		66	<i>Cords</i>		
	White Pine		4	Cords		
9	Beech	Sawtimber	1.9	MBF	24.8	\$12,959.10
	Mixed Aspen		45.6	MBF		
	<i>B. T. Aspen</i>		29.2	<i>MBF</i>		
	<i>Quaking Aspen</i>		16.4	<i>MBF</i>		
	Red Maple		29.1	MBF		
	Sugar Maple		18.8	MBF		
	Mixed Aspen	Pulpwood	97	Cords		
	<i>B. T. Aspen</i>		39	<i>Cords</i>		
	<i>Quaking Aspen</i>		58	<i>Cords</i>		
	Mixed Hardwood		256	Cords		
	<i>Beech</i>		19	<i>Cords</i>		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		134	<i>Cords</i>		
	<i>Sugar Maple</i>		96	<i>Cords</i>		
10	Beech	Sawtimber	7.1	MBF	24.8	\$15,171.65
	Black Cherry		1.3	MBF		
	Paper Birch		0.9	MBF		
	Red Maple		60.6	MBF		
	Red Oak		1.0	MBF		
	Red Pine		0.3	MBF		
	Sugar Maple		34.6	MBF		
	Mixed Hardwood	Pulpwood	357	Cords		
	<i>Beech</i>		72	<i>Cords</i>		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		163	<i>Cords</i>		
	<i>Sugar Maple</i>		110	<i>Cords</i>		
	Red Oak		2	Cords		
11	Beech	Sawtimber	17.0	MBF	58.9	\$36,060.10
	Black Cherry		3.1	MBF		
	Paper Birch		2.0	MBF		
	Red Maple		144.0	MBF		
	Red Oak		2.4	MBF		
	Red Pine		0.7	MBF		
	Sugar Maple		82.2	MBF		
	Mixed Hardwood	Pulpwood	847	Cords		
	<i>Beech</i>		172	<i>Cords</i>		
	<i>Black Cherry</i>		17	<i>Cords</i>		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		386	<i>Cords</i>		
	<i>Sugar Maple</i>		261	<i>Cords</i>		
	Red Oak		4	Cords		
	Red Pine		1	Cords		

TOTAL:	906.1	MBF
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TOTAL:	3,571	Cords
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Sale Specific Conditions & Requirements

Sale Name: Rotor Wing and a Prayer

Sale Number: 61-121-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, except for the line between Payment Units 8 and 9, which is double-sided red, and the line between Payment Unit 10 and 11, which is an old skid trail. The painted boundary and payment unit line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 10 and 11, cut all trees that are one (1) inch or more at DBH.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 3, 4, 5, 6, 7, 8, and 9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all aspen, beech and ironwood, unless marked with an orange X.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 1 and 2, cut all trees that are one (1) inch or more at DBH, except do not cut sugar maple less than four (4) inches at DBH, or any trees marked with green paint above and below stump height.

2.1.11 - Description of timber note (2/04)

Note that standing dead timber may be harvested in Payment Units 10 and 11. In order to facilitate future aerial spraying operations, snags should be harvested and utilized except around the edges of the Unit.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 10 and 11 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled.

The Sale Administrator may grant a chipping exemption if he/she determines that proposed operations would leave the site suitable for planting. Chipping alternatives may include skidding tops to the edge of the payment units, running over and processing tops into small enough pieces that they will not interfere with future trenching, and/or chipping tops and distributing chips throughout the payment units. The chipping exemption must be granted in writing.

The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 10 and 11 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.4 - Skidding length (2/14)

Within Payment Units 3, 4, 5, 6, 7, 8, and 9, skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or Sale Administrator.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) greater than \$20,000 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the sale area, if more than 25% of the desirable tree seedlings or saplings (sugar maple, 1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the sale area that was damaged.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale or used in berms.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown and bermed roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars, trucks and ORVs.

Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing locations and review sale specifications. The Sale Administrator must be contacted at least 5 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2, 3, 4, 5, 6, 7, 8, and 9, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage and to prevent the potential spread of oak wilt.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.40 - Pathway protection (10/10)

The North Country Trail (hiking pathway) is next to Payment Unit 3, but outside of the Sale Boundary, as shown on the Timber Sale Map. Do not damage trees with blue pathway markers. Keep all slash at least 10' away from the red line in this area. Do not run equipment down the pathway or cross the pathway with equipment.

In addition, there is an abandoned hiking trail through Payment Unit 1; this does not need to be protected.

5.2.41 - Snowmobile trail protection (9/11)

A snowmobile trail runs through Payment Unit 2, as shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling during the off-season, it must be graded to the satisfaction of the Unit Manager or Sale Administrator prior to December 1st. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The snowmobile trail may only be crossed in one location to be agreed upon by the producer and Sale Administrator. No decking of forest products will be permitted along the snowmobile trail. Remove all slash from within 10 feet of the snowmobile trail. All stumps within 10 feet of the snowmobile trail must be cut at ground level.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.4 - Slope protection (9/19)

Skid trails and roads on slopes shall be water barred with slash and stumps as soon as use is complete to prevent erosion.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on haul roads prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances

from both ends of the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the North Country Trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from undetermined causes. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting. This applies to Payment Units 10 and 11.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Traverse City		County Kalkaska	Mapped By Armstrong		Date 9/23/20	Page 1	of 2
Township 28N	Range 6W	Section(s) and Subdivision(s) Sec. 25: SENE		Scale 1:15,840			
28N	5W	S20: SESW; S28: SWSE, NWNW, S1/2NW, S1/2NE, SW, N1/2SE; S29: NENW, NE; S30: SWNW, SW					

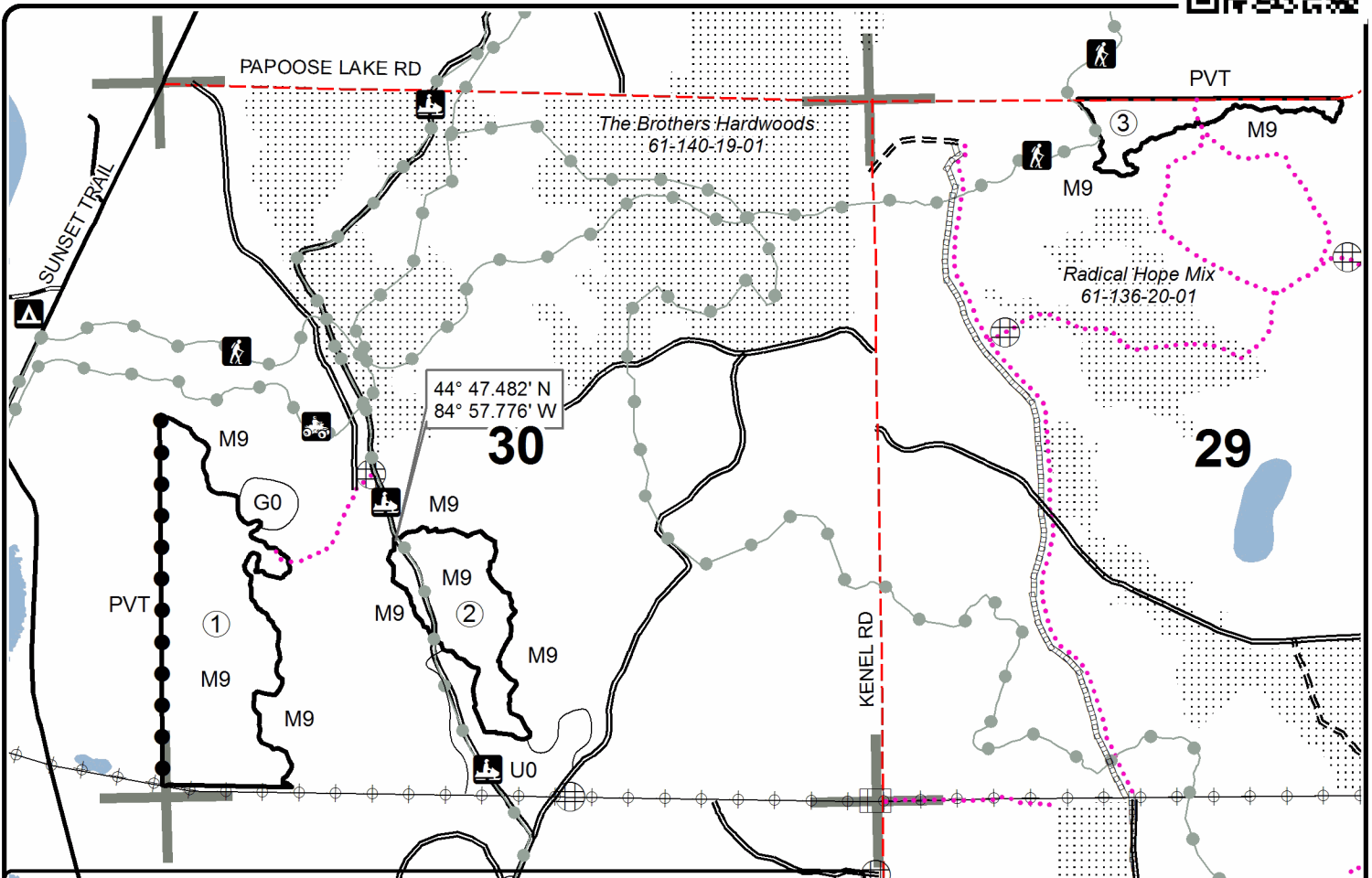
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Deciduous	T = Tamarack					

Unit	Acres	Unit	Acres	Unit	Acres
1	44.1	5	26.0	9	24.8
2	18.5	6	20.7	10	24.8
3	9.3	7	13.0	11	58.9
4	17.0	8	19.6		

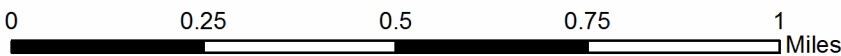
Rotor Wing and a Prayer

Compartment 108

276.7 acres



Legend			
Sale Boundary	Roads	Temporary Management Access	Recreational Trails
— Against State (Red)	— Primary Forest Road	— Gate	— Pipeline
○ Payment Unit (Yellow)	— Secondary Forest Road	⊕ Berms	⊕ Powerline
● Private Line (Blue)	— Forest Access Route	□ Stand Boundaries	⋯ Nearby Timber Sale
	— Paved Road	— Section Corners	
	— County Road - Seasonal		





Sale Number	Year
61-121	2020

TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit	County	Mapped By	Date	Page	of
Traverse City	Kalkaska	Armstrong	9/23/20	2	2
Township	Range	Section(s) and Subdivision(s)	Scale		
28N	6W	Sec. 25: SENE	1:15,840		
28N	5W	S20: SESW; S28: SWSE, NWNW, S1/2NW, S1/2NE, SW, N1/2SE; S29: NENW, NE; S30: SWNW, SW			

Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl. Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

Density

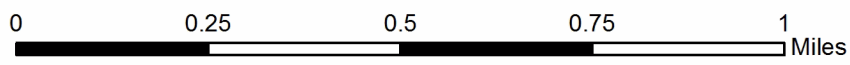
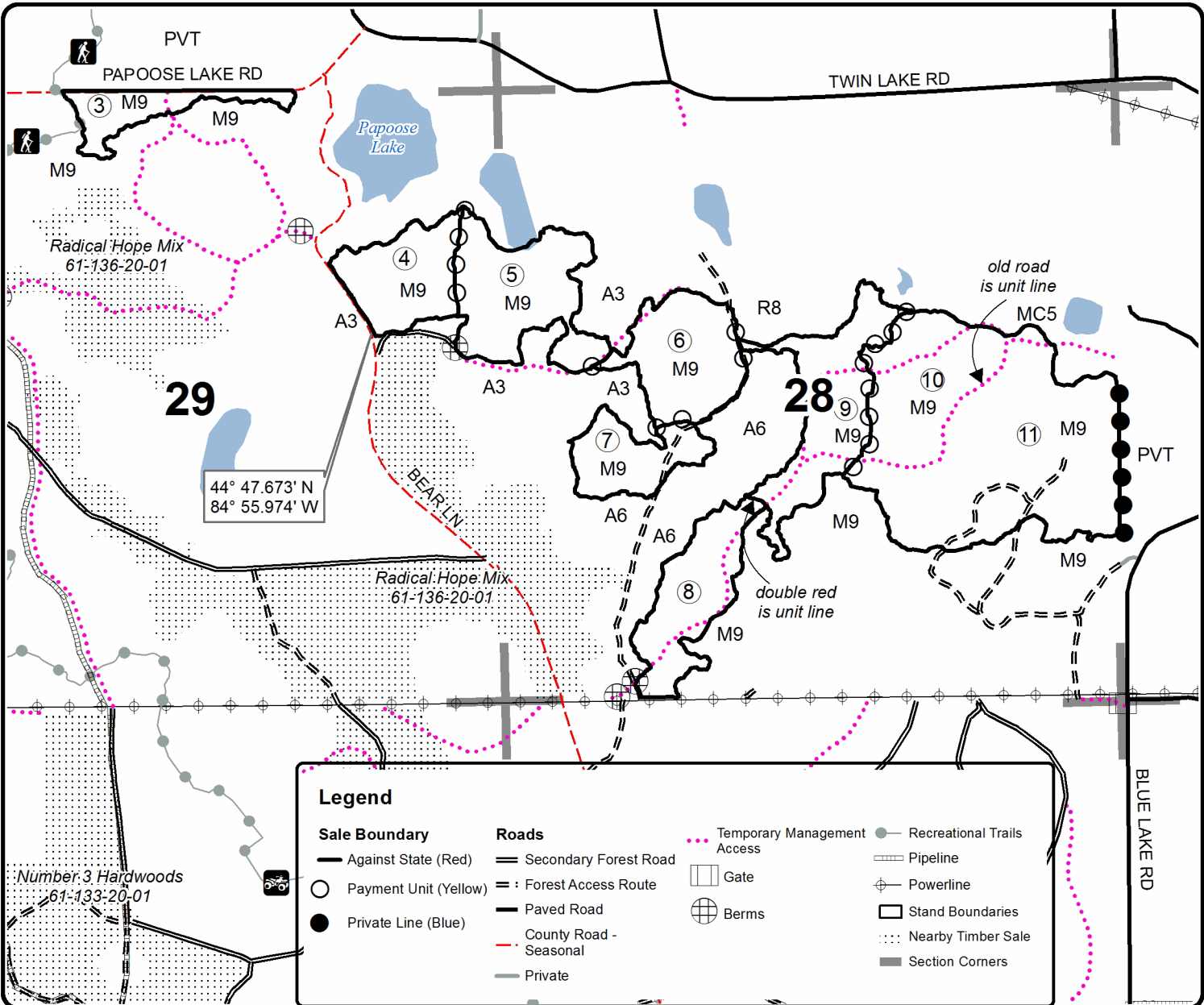
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Unit Acres	Unit Acres	Unit Acres
1 44.1	5 26.0	9 24.8
2 18.5	6 20.7	10 24.8
3 9.3	7 13.0	11 58.9
4 17.0	8 19.6	

Rotor Wing and a Prayer

Compartment 108

276.7 acres



TIMBER SALE INFORMATION

Goodbye Kelly Aspen (61-123-20)

T26N, R08W, SEC. 2.

Kalkaska County (Advertised Price \$15,316.35)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	32.4 MBF	\$ 77.00 / MBF
Beech	1.1 MBF	\$ 45.00 / MBF
Paper Birch	0.7 MBF	\$ 24.00 / MBF
Red Maple	18.2 MBF	\$ 95.00 / MBF
Red Oak	29.7 MBF	\$ 117.00 / MBF
Sugar Maple	12.2 MBF	\$ 135.00 / MBF
White Pine	7.7 MBF	\$ 41.00 / MBF
Pulpwood		
B. T. Aspen	176 Cords	\$ 11.90 / Cord
Mixed Hardwood	218 Cords	\$ 11.35 / Cord
Paper Birch	8 Cords	\$ 9.30 / Cord
Red Oak	77 Cords	\$ 8.25 / Cord
White Pine	29 Cords	\$ 10.70 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.35 percent. There are an estimated 713 cords on this timber sale, plus or minus 88 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$766.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The remainder is due before cutting begins.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
56,327	713	12.35%	625	801

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
30	56,327	713	12.35%	625	801
TOTAL:	56,327	713		625	801

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
30	20.2	1	20.2
TOTAL:	20.2		20.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	32.4	MBF	20.2	\$15,316.35
	Beech		1.1	MBF		
	Paper Birch		0.7	MBF		
	Red Maple		18.2	MBF		
	Red Oak		29.7	MBF		
	Sugar Maple		12.2	MBF		
	White Pine		7.7	MBF		
	B. T. Aspen		Pulpwood	176		
	Mixed Hardwood	218		Cords		
	<i>Beech</i>	11		<i>Cords</i>		
	<i>Red Maple</i>	152		<i>Cords</i>		
	<i>Sugar Maple</i>	55		<i>Cords</i>		
	Paper Birch	8		Cords		
	Red Oak	77		Cords		
	White Pine	29	Cords			
TOTAL:			102.0	MBF		
TOTAL:			508	Cords		

Sale Specific Conditions & Requirements

Sale Name: Goodbye Kelly Aspen

Sale Number: 61-123-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Traverse City	County Kalkaska	Mapped By Roell	Date 08/21/2020	Page 1	of 1
Township 26N	Range 08W	Section(s) and Subdivision(s) NE 1/4 Section 2	Scale 1:15,840		
Cruised By Standerfer & Roell					

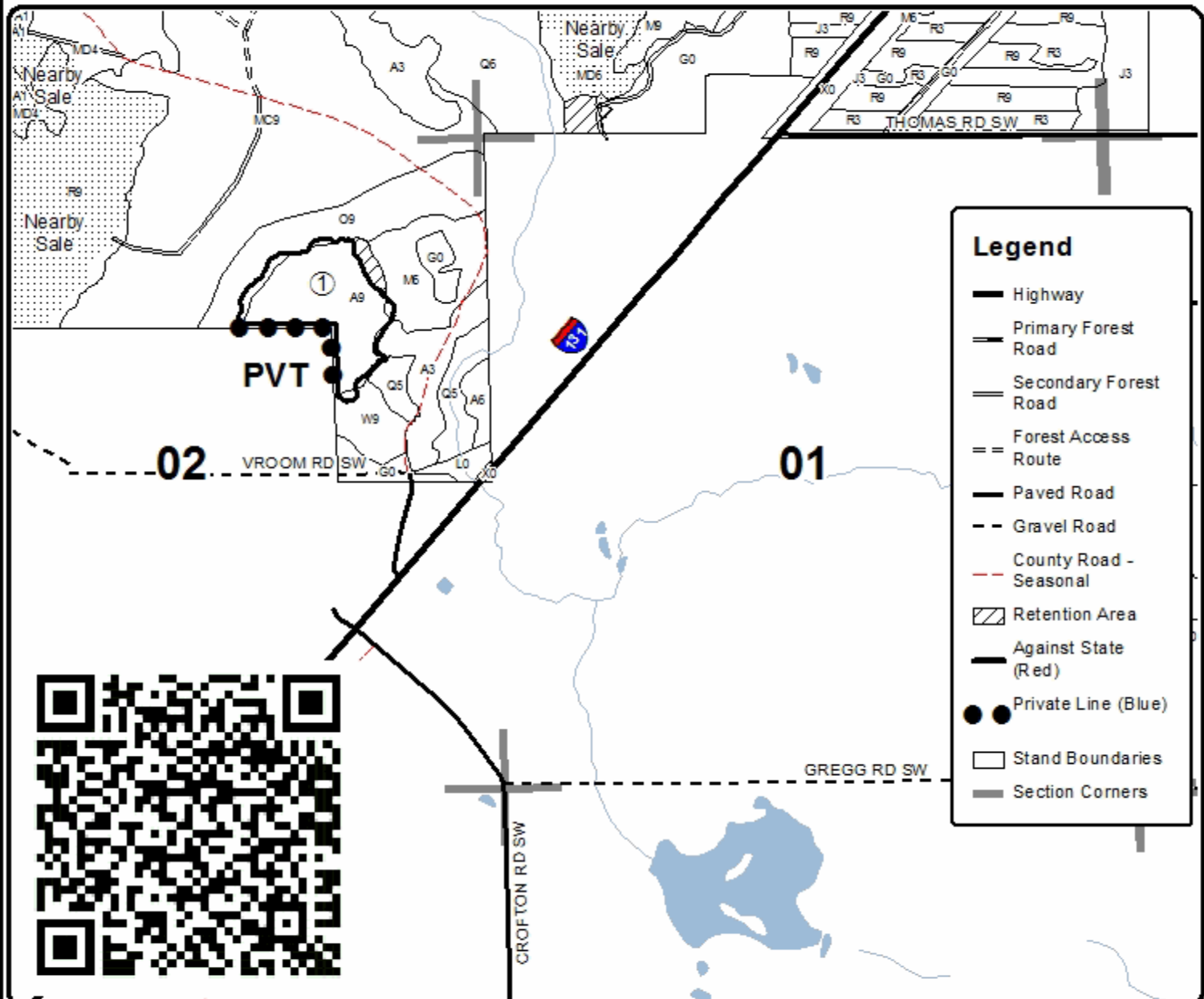
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seeding Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Ech. Birch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Creas	MD = Mixed Deciduous	T = Tamarack			

PU Acres
1 20.2

Goodbye Kelly Aspen

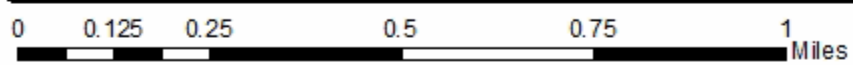
Compartment 157

20.2 Acres



Legend

- Highway
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Retention Area
- Against State (Red)
- Private Line (Blue)
- Stand Boundaries
- Section Corners



TIMBER SALE INFORMATION

Jimmy James Hardwoods (61-124-20)
 T28N, R07W, SEC. 20.
 Kalkaska County (Advertised Price \$41,092.05)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	64.1 MBF	\$ 58.00 / MBF
Beech	28.1 MBF	\$ 45.00 / MBF
Black Cherry	1.9 MBF	\$ 149.00 / MBF
Mixed Aspen	13.2 MBF	\$ 77.00 / MBF
Red Maple	1.9 MBF	\$ 95.00 / MBF
Sugar Maple	80.4 MBF	\$ 135.00 / MBF
White Pine	302.4 MBF	\$ 41.00 / MBF
Pulpwood		
Basswood	90 Cords	\$ 8.85 / Cord
Mixed Aspen	41 Cords	\$ 11.90 / Cord
Mixed Hardwood	383 Cords	\$ 11.35 / Cord
White Pine	537 Cords	\$ 10.70 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.82 percent. There are an estimated 2,035 cords on this timber sale, plus or minus 302 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- A bond in the amount of \$2,055.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	55.7%
02	44.3%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 03/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
160,749	2,035	14.82%	1,733	2,336

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
96	90,763	1,149	12.37%	1,007	1,291
98	69,962	886	13.33%	768	1,004
TOTAL:	160,726	2,035		1,774	2,295

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
96	29.1	2	29.1
98	55.8	1	55.8
TOTAL:	84.9		84.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	64.1	MBF	55.8	\$22,868.30
	Beech		28.1	MBF		
	Black Cherry		1.9	MBF		
	Mixed Aspen		13.2	MBF		
	<i>B. T. Aspen</i>		10.8	<i>MBF</i>		
	<i>Quaking Aspen</i>		2.4	<i>MBF</i>		
	Red Maple		1.9	MBF		
	Sugar Maple	80.4	MBF			
	Basswood	Pulpwood	90	Cords		
	Mixed Aspen		41	Cords		
	<i>B. T. Aspen</i>		38	<i>Cords</i>		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		376	Cords		
	<i>Beech</i>		79	<i>Cords</i>		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
<i>Sugar Maple</i>	279		<i>Cords</i>			
2	White Pine	Sawtimber	302.4	MBF	29.1	\$18,223.75
	Mixed Hardwood	Pulpwood	7	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	White Pine		537	Cords		
TOTAL:			492.0	MBF		
TOTAL:			1,051	Cords		

Sale Specific Conditions & Requirements

Sale Name: Jimmy James Hardwoods

Sale Number: 61-124-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all aspen, beech, and ironwood trees, unless they are marked with an orange 'X'.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 2, all trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 2 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Payment Unit 2 has sugar maple and white pine advanced regen that needs to be worked around as much as possible.

Within the sale area, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.4 - Access

4.4.4 - Restricted access (10/05)

Note that Woodline Rd is a private road and is not to be used for access to Payment Unit 1, unless permission has been granted by all the landowners.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the wildlife opening south of Payment Unit 1, which is indicated by the 'U0' on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.7 - Protection of Historical Sites

5.7.1 - Historical sites (7/12)

The Purchaser shall not cut live or dead trees or operate equipment within historical sites. Historical sites are marked with a red boundary line on the east boundary of Payment Unit 2. The Purchaser shall protect historical sites from damage by the Purchaser's operations. If Purchaser's operations have cut or damaged historical sites through carelessness, the Purchaser shall pay \$1000 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Smith Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Traverse City	County Kalkaska	Mapped By Crigier	Date 08/25/2020	Page 1	of 1
Township 28N	Range 07W	Section(s) and Subdivision(s) Sec 20: N1/2	Scale 1:15,840		

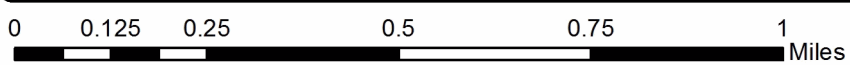
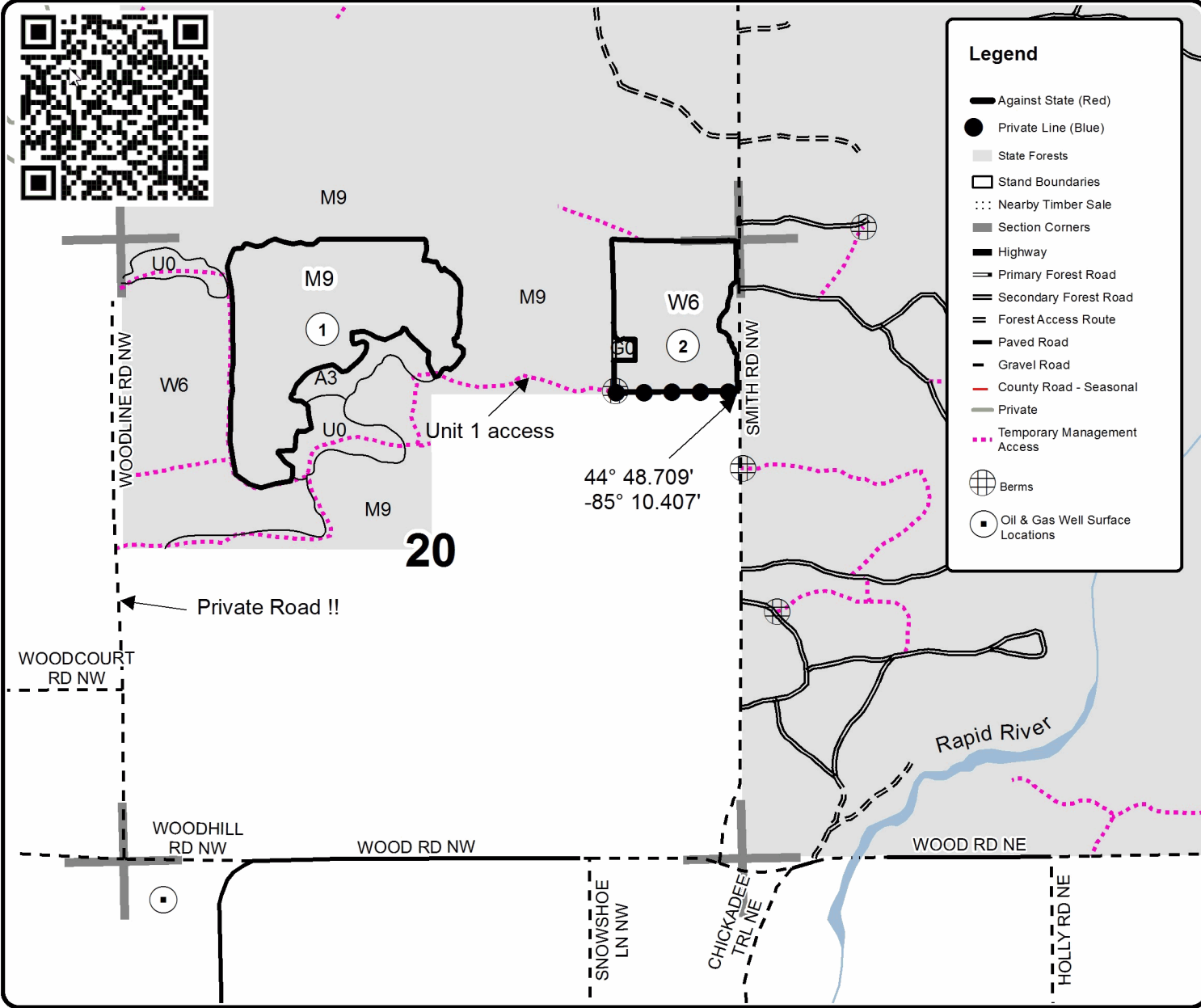
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	55.8
2	29.1

Jimmy James Hardwoods

Compartment 172

84.9 Acres



TIMBER SALE INFORMATION

122 Porky Beaver Popple (61-127-20)

T26N, R05W, SEC. 17; T26N, R05W, SEC. 18; T26N, R05W, SEC. 7; T26N, R05W, SEC. 8.
Kalkaska County (Advertised Price \$27,225.85)

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	7.9 MBF	\$ 95.00 / MBF
Red Pine	79.9 MBF	\$ 78.00 / MBF
White Pine	16.0 MBF	\$ 41.00 / MBF
Pulpwood		
Balsam Fir	19 Cords	\$ 7.50 / Cord
Jack Pine	5 Cords	\$ 8.15 / Cord
Mixed Aspen	803 Cords	\$ 11.90 / Cord
Mixed Hardwood	165 Cords	\$ 11.35 / Cord
Paper Birch	5 Cords	\$ 9.30 / Cord
Red Oak	13 Cords	\$ 8.25 / Cord
Red Pine	214 Cords	\$ 26.35 / Cord
White Pine	204 Cords	\$ 10.70 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.44 percent. There are an estimated 1,647 cords on this timber sale, plus or minus 287 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- A bond in the amount of \$1,361.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	60.4%
02	23.1%
03	16.5%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 03/31/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
130,138	1,647	17.44%	1,360	1,935

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	31,900	404	17.02%	335	473
3	33,844	428	20.28%	342	515
31	64,377	815	22.12%	635	995
TOTAL:	130,121	1,647		1,311	1,983

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	8.7	1	8.7
3	15.2	1	15.2
31	48.4	2	28.2
		3	20.2
TOTAL:	72.3		72.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	7.9	MBF	23.9	\$16,448.25
	Red Pine		65.6	MBF		
	Balsam Fir	Pulpwood	14	Cords		
	Mixed Aspen		379	Cords		
	<i>Quaking Aspen</i>		379	<i>Cords</i>		
	Mixed Hardwood		99	Cords		
	<i>Black Cherry</i>		36	<i>Cords</i>		
	<i>Red Maple</i>		63	<i>Cords</i>		
	Paper Birch		5	Cords		
	Red Pine		182	Cords		
2	Red Pine	Sawtimber	8.3	MBF	28.2	\$6,297.55
	White Pine		9.3	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Jack Pine		3	Cords		
	Mixed Aspen		247	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	<i>Quaking Aspen</i>		237	<i>Cords</i>		
	Mixed Hardwood		39	Cords		
	<i>Black Cherry</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		29	<i>Cords</i>		
	Red Oak		8	Cords		
	Red Pine		19	Cords		
	White Pine		119	Cords		
3	Red Pine	Sawtimber	6.0	MBF	20.2	\$4,480.05
	White Pine		6.7	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Jack Pine		2	Cords		
	Mixed Aspen		177	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	1.5	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	<i>Quaking Aspen</i>		169	<i>Cords</i>		
	Mixed Hardwood		27	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		20	<i>Cords</i>		
	Red Oak		5	Cords		
	Red Pine		13	Cords		
White Pine		85	Cords			
TOTAL:			103.8	MBF		
TOTAL:			1,428	Cords		

Sale Specific Conditions & Requirements

Sale Name: 122 Porky Beaver Popple

Sale Number: 61-127-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red paint, along with a road. Exterior sale boundary lines against state are marked with red paint. The interior Payment Unit boundary between Payment Units 2 and 3 is unpainted and identified by Riverview Road. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, 2 & 3, cut all trees that are two (2) inches or more at DBH, except do not cut any white oak or trees marked with green paint.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

4 - Transportation

4.1 - Construction

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail where they are readily available. These roads must be rendered impassable to cars and trucks.

5 - Operations

5.1 - Notification

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the AT&T Fiber optic R.O.W. for operations. Contact Dick with AT&T at (616) 206-8306.

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Units 1, 2 & 3, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two brush piles (approximately 20' x 20' x 4') on the ground for every acre. They should be scattered throughout the sale or positioned per the sale administrators instructions. If possible, larger cull pieces should be incorporated into the base of the brush piles to create non-compacted areas for wildlife.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-3, cutting & skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of seasonably wet areas within the sale boundary.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.39 - ORV trail/route protection (4/18)

There are ORV trails and routes shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond and ephemeral drainage areas that are painted out of the timber sale. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on impacted roads prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on ORV trails prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

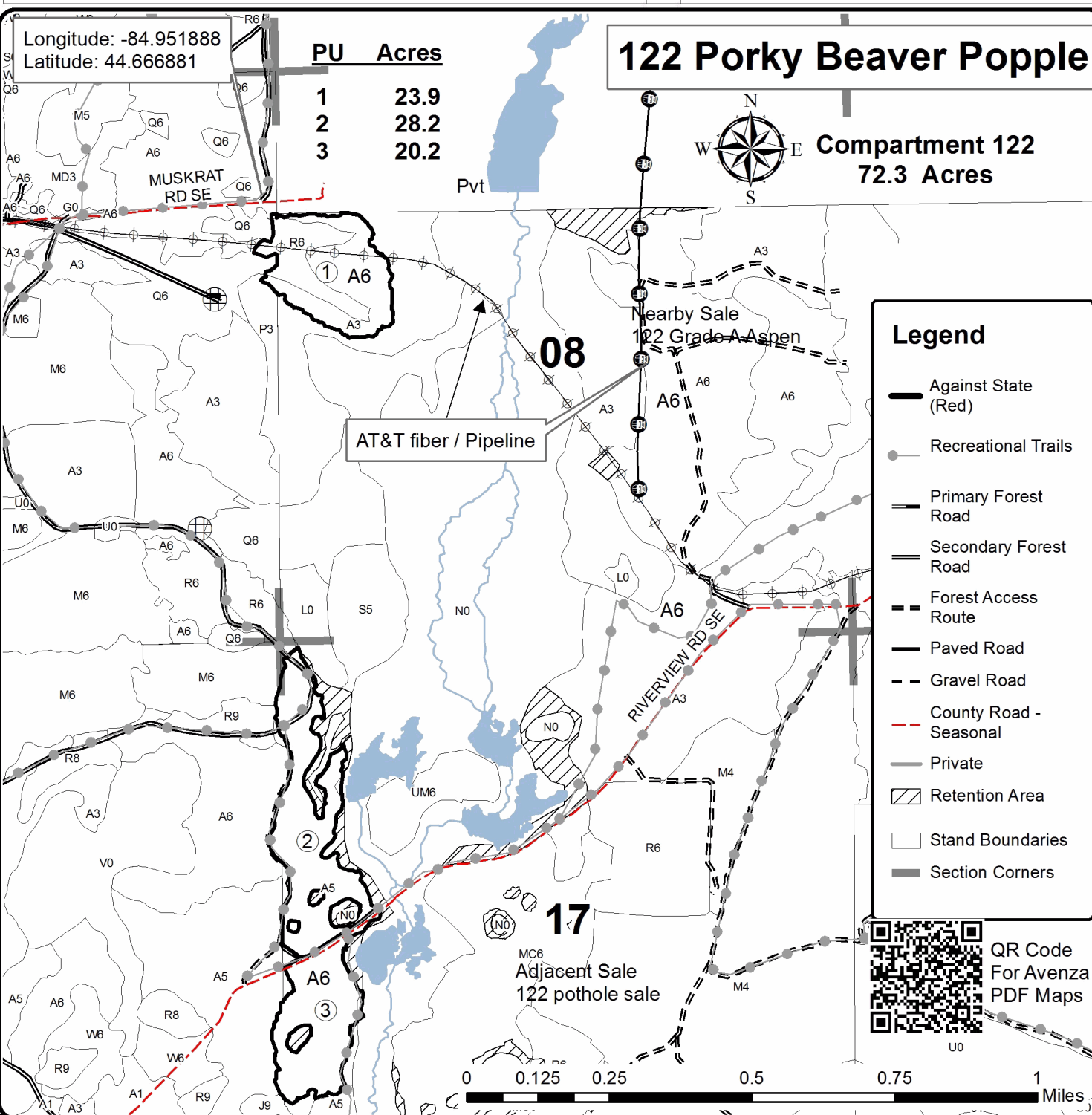


TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Traverse City	County Kalkaska	Mapped By Standerfer	Date 9/4/2020	Page 1	of 1
Township 26N	Range 05W	Section(s) and Subdivision(s) 7, 8 17 & 18 (See proposal)	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous				



Loon Lake Shake (61-112-20)
T26N, R07W, SEC. 6; T26N, R08W, SEC. 1; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on January 25, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	6.1 MBF	\$ 77.00/MBF	\$ _____
Red Maple	5.4 MBF	\$ 95.00/MBF	\$ _____
Red Pine	99.7 MBF	\$ 78.00/MBF	\$ _____
White Pine	3.5 MBF	\$ 41.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	9 Cords	\$ 11.90/Cord	\$ _____
Balsam Fir	9 Cords	\$ 7.50/Cord	\$ _____
Mixed Hardwood	110 Cords	\$ 11.35/Cord	\$ _____
Red Pine	220 Cords	\$ 26.35/Cord	\$ _____
White Pine	23 Cords	\$ 10.70/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 32.89 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Rotor Wing and a Prayer (61-121-20)
T28N, R05W, SEC. 20; T28N, R05W, SEC. 28; T28N, R05W, SEC. 29; T28N,

In response to the notice of sale to be held 4:00 p.m. (local time) on January 25, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	79.8 MBF	\$ 58.00/MBF	\$ _____
Beech	37.2 MBF	\$ 45.00/MBF	\$ _____
Black Cherry	19.4 MBF	\$ 149.00/MBF	\$ _____
Mixed Aspen	78.9 MBF	\$ 77.00/MBF	\$ _____
Paper Birch	4.5 MBF	\$ 24.00/MBF	\$ _____
Red Maple	341.8 MBF	\$ 95.00/MBF	\$ _____
Red Oak	28.7 MBF	\$ 117.00/MBF	\$ _____
Red Pine	4.0 MBF	\$ 78.00/MBF	\$ _____
Sugar Maple	305.3 MBF	\$ 135.00/MBF	\$ _____
White Pine	6.5 MBF	\$ 41.00/MBF	\$ _____
Pulpwood			
Mixed Aspen	264 Cords	\$ 11.90/Cord	\$ _____
Mixed Hardwood	3,225 Cords	\$ 11.35/Cord	\$ _____
Red Oak	62 Cords	\$ 8.25/Cord	\$ _____
Red Pine	8 Cords	\$ 26.35/Cord	\$ _____
White Pine	12 Cords	\$ 10.70/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 7.19 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
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 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

122 Porky Beaver Popple (61-127-20)
T26N, R05W, SEC. 17; T26N, R05W, SEC. 18; T26N, R05W, SEC. 7; T26N, R05W,

In response to the notice of sale to be held 4:00 p.m. (local time) on January 25, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Maple	7.9 MBF	\$ 95.00/MBF	\$ _____
Red Pine	79.9 MBF	\$ 78.00/MBF	\$ _____
White Pine	16.0 MBF	\$ 41.00/MBF	\$ _____
Pulpwood			
Balsam Fir	19 Cords	\$ 7.50/Cord	\$ _____
Jack Pine	5 Cords	\$ 8.15/Cord	\$ _____
Mixed Aspen	803 Cords	\$ 11.90/Cord	\$ _____
Mixed Hardwood	165 Cords	\$ 11.35/Cord	\$ _____
Paper Birch	5 Cords	\$ 9.30/Cord	\$ _____
Red Oak	13 Cords	\$ 8.25/Cord	\$ _____
Red Pine	214 Cords	\$ 26.35/Cord	\$ _____
White Pine	204 Cords	\$ 10.70/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 17.44 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
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VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Goodbye Kelly Aspen (61-123-20)
T26N, R08W, SEC. 2; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on January 25, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	32.4 MBF	\$ 77.00/MBF	\$ _____
Beech	1.1 MBF	\$ 45.00/MBF	\$ _____
Paper Birch	0.7 MBF	\$ 24.00/MBF	\$ _____
Red Maple	18.2 MBF	\$ 95.00/MBF	\$ _____
Red Oak	29.7 MBF	\$ 117.00/MBF	\$ _____
Sugar Maple	12.2 MBF	\$ 135.00/MBF	\$ _____
White Pine	7.7 MBF	\$ 41.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	176 Cords	\$ 11.90/Cord	\$ _____
Mixed Hardwood	218 Cords	\$ 11.35/Cord	\$ _____
Paper Birch	8 Cords	\$ 9.30/Cord	\$ _____
Red Oak	77 Cords	\$ 8.25/Cord	\$ _____
White Pine	29 Cords	\$ 10.70/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.35 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
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 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Jimmy James Hardwoods (61-124-20)
T28N, R07W, SEC. 20; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on January 25, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	64.1 MBF	\$ 58.00/MBF	\$ _____
Beech	28.1 MBF	\$ 45.00/MBF	\$ _____
Black Cherry	1.9 MBF	\$ 149.00/MBF	\$ _____
Mixed Aspen	13.2 MBF	\$ 77.00/MBF	\$ _____
Red Maple	1.9 MBF	\$ 95.00/MBF	\$ _____
Sugar Maple	80.4 MBF	\$ 135.00/MBF	\$ _____
White Pine	302.4 MBF	\$ 41.00/MBF	\$ _____
Pulpwood			
Basswood	90 Cords	\$ 8.85/Cord	\$ _____
Mixed Aspen	41 Cords	\$ 11.90/Cord	\$ _____
Mixed Hardwood	383 Cords	\$ 11.35/Cord	\$ _____
White Pine	537 Cords	\$ 10.70/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 14.82 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page