



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #5813

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on December 27, 2016.

LOCATION: ATLANTA MGMT UNIT, 13501 M-33, ATLANTA, MI 49709.

PROSPECTUS NOTE: 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.

Notice is hereby given that bids will be received by the Unit Manager, ATLANTA MANAGEMENT UNIT, for certain timber on the following described lands:

Flyby Pine (54-050-16)

Alpena County, Advertised Price \$278,094.10, 246.1 Acres, Red Pine, Spruce/Fir/Tamarack.

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.

2 Four D Pine (54-051-16)

Alpena County, Advertised Price \$52,531.30, 39.2 Acres, Red Pine, White 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.

THIN MINT HARDWOOD (54-052-16)

Alpena County, Advertised Price \$5,739.45, 23.6 Acres, Red Oak, Red Pine.

SALE NOTE: Operations are limited to the period of 12/1 - 3/15. This restriction is to avoid conflicts with campground users (see spec 5.2.3.1). Also note that there will be no extensions granted on this contract (see spec 7.2.2).

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. 09/02/2016):

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

Bids must be received by the Unit Manager, ATLANTA OFFICE, 13501 M-33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on December 27, 2016. For further information concerning this sale, contact Cody Stevens at 989-785-4251 extension 5240.

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 (9/14)

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 1 year. 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.

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.

KEITH CREAGH

Director

TIMBER SALE INFORMATION

Flyby Pine (54-050-16)

Alpena County (Advertised Price \$278,094.10)

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Mixed Aspen	12.20	MBF	\$ 67.00 / MBF
Norway Spruce	246.40	MBF	\$ 62.00 / MBF
Red Maple	8.00	MBF	\$ 117.00 / MBF
Red Oak	28.20	MBF	\$ 162.00 / MBF
Red Pine	964.10	MBF	\$ 140.00 / MBF
White Pine	202.20	MBF	\$ 97.00 / MBF
Yellow Birch	1.60	MBF	\$ 228.00 / MBF
Pulpwood			
Balsam Fir	4.00	Cords	\$ 23.15 / Cord
Jack Pine	56.00	Cords	\$ 25.95 / Cord
Mixed Aspen	47.00	Cords	\$ 16.85 / Cord
Mixed Hardwood	182.00	Cords	\$ 15.95 / Cord
Mixed Spruce	639.00	Cords	\$ 31.10 / Cord
N. White Cedar	4.00	Cords	\$ 27.65 / Cord
Red Oak	89.00	Cords	\$ 15.50 / Cord
Red Pine	1,497.00	Cords	\$ 43.60 / Cord
Tamarack	2.00	Cords	\$ 22.10 / Cord
White Pine	425.00	Cords	\$ 22.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.23 percent. 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 \$13,905.00 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2019.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Aspen	Sawtimber	1.1	MBF	26.7	\$50,664.80	
	<i>B. T. Aspen</i>		1.1	<i>MBF</i>			
	Norway Spruce		246.4	MBF			
	Red Oak		3.2	MBF			
	Red Pine		65.8	MBF			
	White Pine		12.1	MBF			
	Balsam Fir		Pulpwood	4.0			Cords
	Mixed Aspen			8.0			Cords
	<i>B. T. Aspen</i>			8.0			<i>Cords</i>
	Mixed Hardwood			4.0			Cords
	<i>Red Maple</i>			4.0			<i>Cords</i>
	Mixed Spruce			623.0			Cords
	<i>Norway Spruce</i>			623.0			<i>Cords</i>
	Red Oak			15.0			Cords
	Red Pine			91.0			Cords
	White Pine			24.0			Cords
2	Red Oak	Sawtimber	4.9	MBF	5.3	\$17,081.60	
	Red Pine		75.4	MBF			
	White Pine		9.4	MBF			
	Red Oak		Pulpwood	9.0			Cords
	Red Pine			98.0			Cords
	White Pine			18.0			Cords
3	Mixed Aspen	Sawtimber	9.4	MBF	7.5	\$19,339.70	
	<i>B. T. Aspen</i>		9.4	<i>MBF</i>			
	Red Oak		19.4	MBF			
	Red Pine		57.1	MBF			
	White Pine		2.6	MBF			
	Yellow Birch		1.6	MBF			
	Mixed Aspen		Pulpwood	27.0			Cords
	<i>B. T. Aspen</i>			27.0			<i>Cords</i>
	Mixed Hardwood			13.0			Cords
	<i>Red Maple</i>			4.0			<i>Cords</i>
	<i>Yellow Birch</i>			9.0			<i>Cords</i>
	Red Oak			54.0			Cords
Red Pine	121.0	Cords					
White Pine	8.0	Cords					
4	Red Pine	Sawtimber	37.4	MBF	4.1	\$8,720.30	
	Jack Pine	Pulpwood	8.0	Cords			
	<i>Jack Pine</i>		8.0	<i>Cords</i>			
	Mixed Hardwood		2.0	Cords			
	<i>Red Maple</i>		2.0	<i>Cords</i>			
	Red Oak		4.0	Cords			
Red Pine	73.0		Cords				
5	Red Oak	Sawtimber	0.7	MBF	14.9	\$29,487.45	
	Red Pine	Pulpwood	122.8	MBF			
	Mixed Hardwood		18.0	Cords			
	<i>Paper Birch</i>		6.0	<i>Cords</i>			
	<i>Red Maple</i>		12.0	<i>Cords</i>			
	Red Oak		3.0	Cords			
	Red Pine		265.0	Cords			
	White Pine		13.0	Cords			
6	Mixed Aspen		Sawtimber	1.7	MBF	9.9	\$33,692.75
	<i>B. T. Aspen</i>	1.1		<i>MBF</i>			
	<i>Quaking Aspen</i>	0.6		<i>MBF</i>			
	Red Maple	6.5		MBF			
	Red Pine	129.4		MBF			

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
6 con't	White Pine	Sawtimber	33.0	MBF			
	Jack Pine	Pulpwood	19.0	Cords			
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.6	<i>MBF</i>			
	<i>Jack Pine</i>	<i>Pulpwood</i>	14.0	<i>Cords</i>			
	Mixed Aspen		10.0	Cords			
	<i>B. T. Aspen</i>		7.0	<i>Cords</i>			
	<i>Quaking Aspen</i>		3.0	<i>Cords</i>			
	Mixed Hardwood		35.0	Cords			
	<i>Paper Birch</i>		2.0	<i>Cords</i>			
	<i>Red Maple</i>		33.0	<i>Cords</i>			
	Mixed Spruce		4.0	Cords			
	<i>Black Spruce</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>			
	<i>Black Spruce</i>	<i>Pulpwood</i>	3.0	<i>Cords</i>			
	Red Pine		194.0	Cords			
	White Pine		75.0	Cords			
	7	Red Maple	Sawtimber	1.5	MBF	12.5	\$9,644.30
Red Pine			29.4	MBF			
White Pine			22.9	MBF			
Mixed Aspen		Pulpwood	2.0	Cords			
<i>B. T. Aspen</i>			2.0	<i>Cords</i>			
Mixed Hardwood			8.0	Cords			
<i>Red Maple</i>			8.0	<i>Cords</i>			
Mixed Spruce			1.0	Cords			
<i>White Spruce</i>			1.0	<i>Cords</i>			
Red Oak			4.0	Cords			
Red Pine			39.0	Cords			
Tamarack			2.0	Cords			
White Pine			50.0	Cords			
8	Red Pine		Sawtimber	446.8	MBF	165.2	\$109,463.20
	White Pine			122.2	MBF		
	Jack Pine		Pulpwood	29.0	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	3.0	<i>MBF</i>			
	<i>Jack Pine</i>	<i>Pulpwood</i>	23.0	<i>Cords</i>			
	Mixed Hardwood		102.0	Cords			
	<i>Paper Birch</i>		3.0	<i>Cords</i>			
	<i>Red Maple</i>		99.0	<i>Cords</i>			
	Mixed Spruce		11.0	Cords			
	<i>Black Spruce</i>		11.0	<i>Cords</i>			
	N. White Cedar		4.0	Cords			
	Red Pine		616.0	Cords			
	White Pine		237.0	Cords			
TOTAL:			1,462.7	MBF			
TOTAL:			2,945.0	Cords			

Sale Specific Conditions & Requirements

Sale Name: Flyby Pine

Sale Number: 54-050-16 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. The Interior Payment Unit boundary between Payment Units 6 and 8 is marked with red paint. The painted boundary line trees are not Included Timber and are to be protected. Red 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) 1-8, cut all species trees that are two (2) inches or more at DBH.

2.1.11 - Description of timber note (2/04)

Note that Mixed Aspen contains quaking and bigtooth aspen. Mixed Species 1 contains black spruce saw/pulp, jack pine saw/pulp, tamarack pulp, and white spruce pulp. Mixed Hardwood contains paper birch, red maple, red oak, and yellow birch Pulp.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

This sale 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. Do not chip 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter).

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, 3, 5, 6, and 8 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 Supplement. There will be only one division per Payment Unit. Payment Unit 8 may be divided more than once per sale administrator's approval.

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 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 upon completion of the sale. Overgrown 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks.

4.2 - Maintenance

4.2.4 - Grading (12/14)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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.

4.4 - Access

4.4.3 - Access gate (12/08)

The access gate to Payment Unit 5 must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.17 - Crane Mats/Timber Mats (10/14)

Some roads or skid trails may require extra protection such as that afforded by Crane Mats/Timber Mats. Approximately 200 feet of Crane Mats /Timber Mats or something similar must be used on skid trails. If available, Crane Mats/Timber Mats may be borrowed from the DNR and are located at the Marquette ICC and the Grayling Field Office. Contact the sale administrator for specific details. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's Crane Mats/Timber Mats. It is the responsibility of the Purchaser to contact the sale administrator to schedule pick up and drop off. In addition, all mats must be cleaned prior to drop off. A charge of \$350.00 will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

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.

5.2.41 - Snowmobile trail protection (9/11)

The Alpena to Hillman Trail and the Norway Ridge Trail are snowmobile trails and are 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. All stumps within 20 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.

5.8 - 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

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the Alpena to Hillman Trail and the Norway Ridge Trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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 the Alpena to Hillman Trail and the Norway Ridge 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.

8 - Performance and Settlement

SKIP

8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.



TIMBER SALE MAP

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

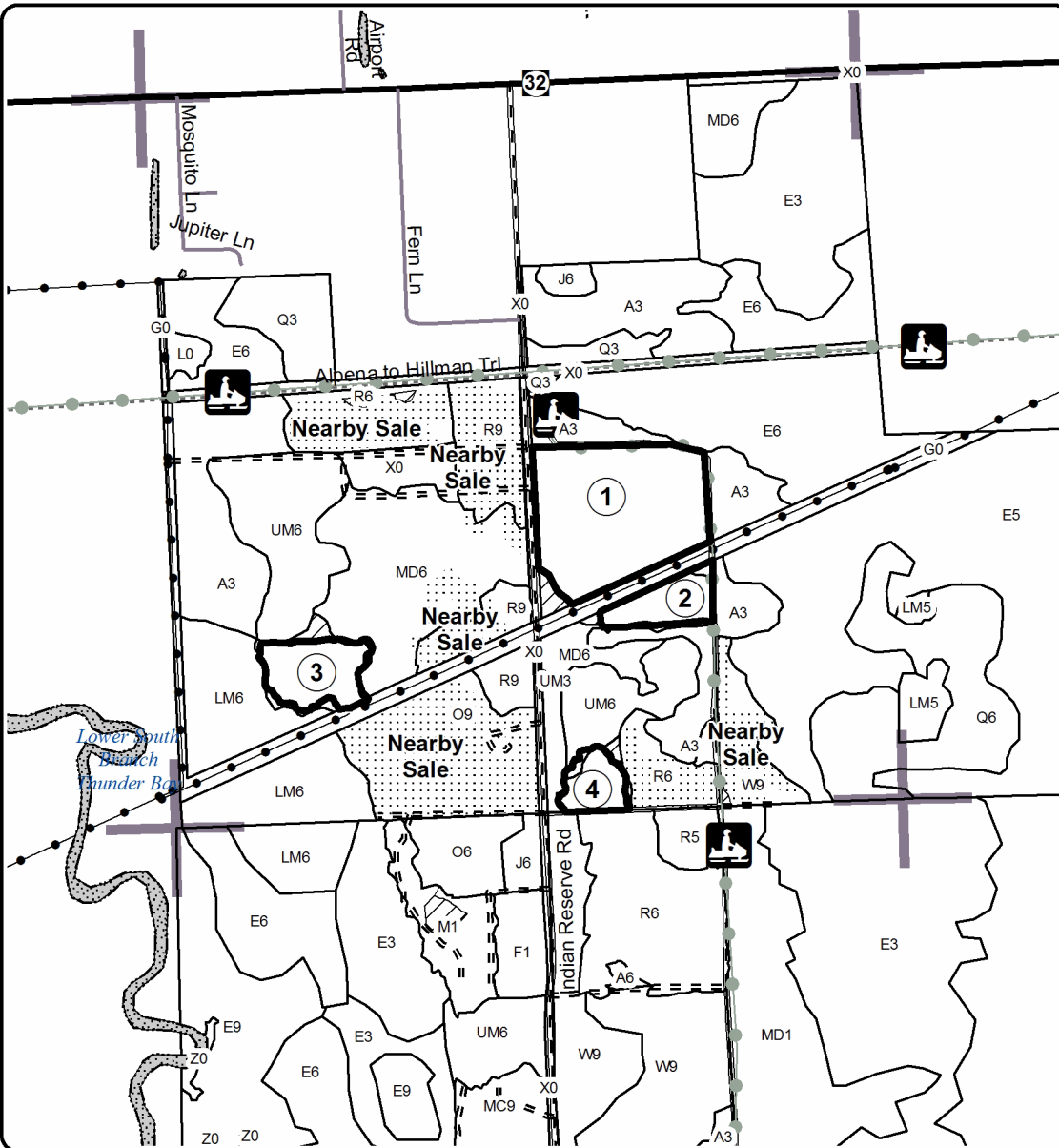
Sale Number	Year
54 - 050	16

Forest Management Unit	County	Mapped By	Date	Page	of
Atlanta	Alpena	Krugh/Natzke	09/29/2016	1	2
Township	Range	Section(s) and Subdivision(s)	Scale		
31N	07E	sec 25 N2SE, SWSW, 26 SESE, 27 N2SE, S2SW, SWSE, 35 NE4, SENW, N2SE, SESE, NESW, 36 S2SW, W2NW, SENW	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	PU	Acres
1	26.7	5	14.9
2	5.3	6	9.9
3	7.5	7	12.5
4	4.1	8	165.2

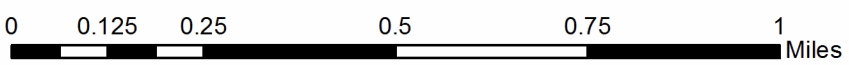
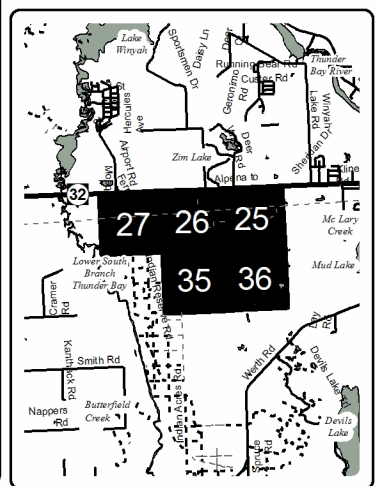
Flyby Pine Compartment 104 & 105 246.1 Acres



Legend

- Against State (Red)
- Retention Area
- Payment Units
- Recreational Trail
- Pipeline; Powerline
- Highway
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Lakes and Rivers
- All
- Recreational Trail
- Adjacent Timber Sale

Locator Map
1:200,000





TIMBER SALE MAP

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

Forest Management Unit Altanta	County Alpena	Mapped By Krugh/Natzke	Date 09/29/2016	Page 2	of 2
Cruised By Krugh/Natzke					

Township 31N	Range 07E	Section(s) and Subdivision(s) sec 25 N2SE, SWSW, 26 SESE, 27 N2SE, S2SW, SWSE, 35 NE4, SENW, N2SE, SESE, NESW, 36 S2SW, W2NW, SENW	Scale 1:15,840
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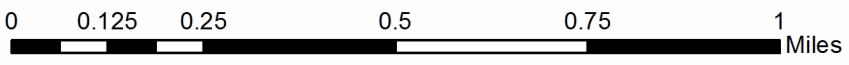
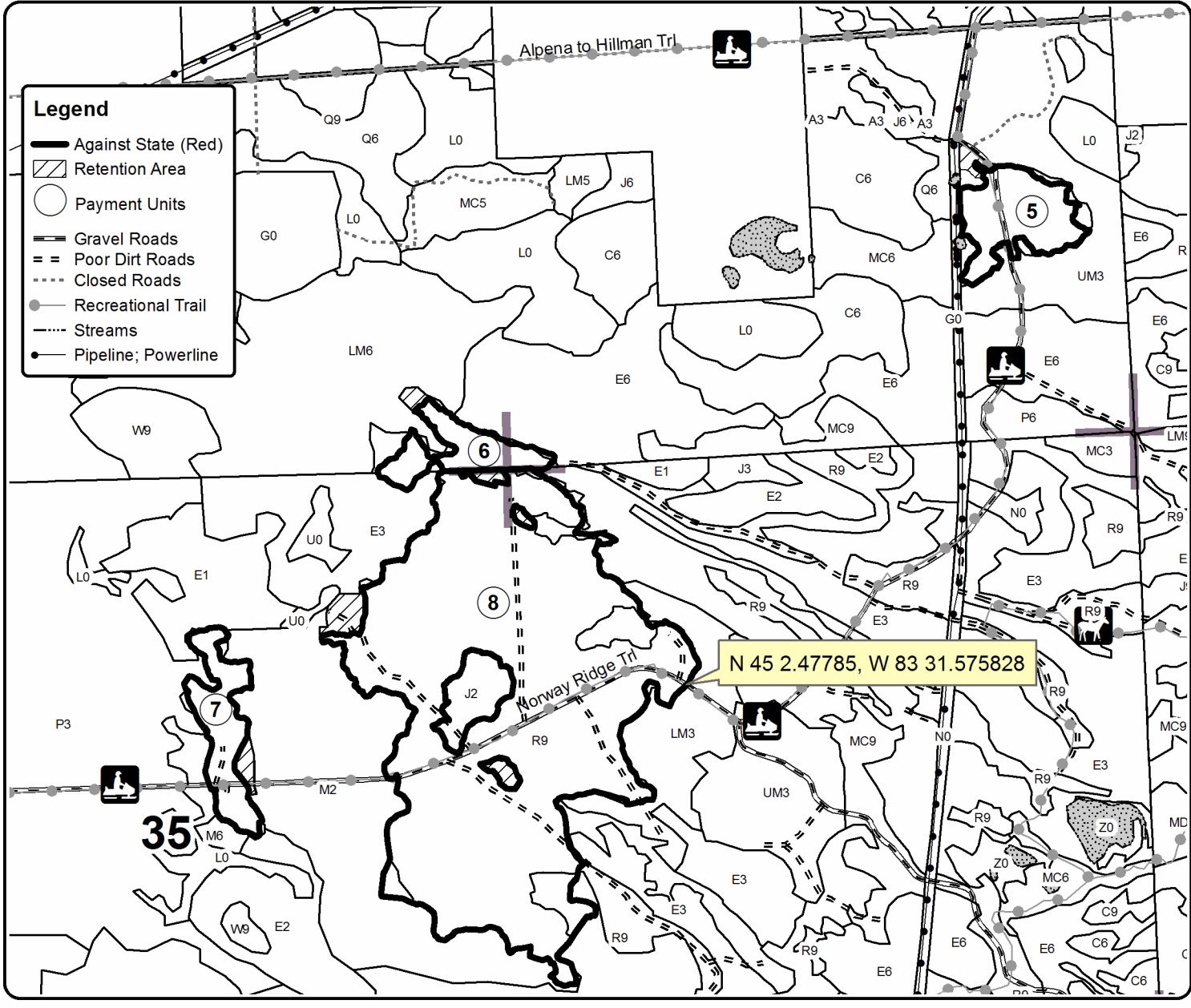
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
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D = Treed Bog	LM = Lowland Mixed	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	PU	Acres
5	14.9	7	12.5
6	9.9	8	165.2

Flyby Pine

Compartment 104 & 105

246.1 Acres



TIMBER SALE INFORMATION

2 Four D Pine (54-051-16)

Alpena County (Advertised Price \$52,531.30)

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
B. T. Aspen	1.40	MBF	\$ 67.00 / MBF
Bl/R/Hybrid Oak	5.50	MBF	\$ 154.00 / MBF
Red Maple	2.60	MBF	\$ 117.00 / MBF
Red Pine	68.30	MBF	\$ 140.00 / MBF
White Pine	67.20	MBF	\$ 97.00 / MBF
Pulpwood			
Bl/R/Hybrid Oak	62.00	Cords	\$ 15.50 / Cord
Black Spruce	9.00	Cords	\$ 31.10 / Cord
Jack Pine	31.00	Cords	\$ 25.95 / Cord
Mixed Aspen	57.00	Cords	\$ 16.85 / Cord
Red Maple	17.00	Cords	\$ 15.95 / Cord
Red Pine	604.00	Cords	\$ 43.60 / Cord
White Pine	247.00	Cords	\$ 22.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 23.43 percent. 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 \$2,627.00 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2019.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	BI/R/Hybrid Oak	Sawtimber	5.5	MBF	8.9	\$10,590.10
	Red Pine		14.6	MBF		
	BI/R/Hybrid Oak	Pulpwood	59.0	Cords		
	Jack Pine		2.0	Cords		
	<i>Jack Pine</i>		2.0	<i>Cords</i>		
	Mixed Aspen		18.0	Cords		
	<i>B. T. Aspen</i>		18.0	<i>Cords</i>		
	Red Maple		4.0	Cords		
	Red Pine		146.0	Cords		
2	B. T. Aspen	Sawtimber	0.3	MBF	4.7	\$4,269.25
	Red Pine		11.9	MBF		
	White Pine		0.2	MBF		
	BI/R/Hybrid Oak	Pulpwood	1.0	Cords		
	Jack Pine		1.0	Cords		
	<i>Jack Pine</i>		1.0	<i>Cords</i>		
	Mixed Aspen		2.0	Cords		
	<i>B. T. Aspen</i>		2.0	<i>Cords</i>		
	Red Pine		55.0	Cords		
White Pine		4.0	Cords			
3	B. T. Aspen	Sawtimber	0.4	MBF	6.4	\$5,884.20
	Red Pine		16.2	MBF		
	White Pine		0.3	MBF		
	BI/R/Hybrid Oak	Pulpwood	2.0	Cords		
	Jack Pine		2.0	Cords		
	<i>Jack Pine</i>		2.0	<i>Cords</i>		
	Mixed Aspen		3.0	Cords		
	<i>B. T. Aspen</i>		3.0	<i>Cords</i>		
	Red Pine		76.0	Cords		
White Pine		5.0	Cords			
4	Red Pine	Sawtimber	0.7	MBF	6.0	\$2,192.50
	Red Pine	Pulpwood	47.0	Cords		
	White Pine		2.0	Cords		
5	Red Pine	Sawtimber	20.2	MBF	6.1	\$15,959.15
	Jack Pine	Pulpwood	20.0	Cords		
	<i>Jack Pine</i>		20.0	<i>Cords</i>		
	Mixed Aspen		30.0	Cords		
	<i>Quaking Aspen</i>		30.0	<i>Cords</i>		
	Red Pine		273.0	Cords		
White Pine		9.0	Cords			
6	B. T. Aspen	Sawtimber	0.7	MBF	7.1	\$13,636.10
	Red Maple		2.6	MBF		
	Red Pine		4.7	MBF		
	White Pine		66.7	MBF		
	Black Spruce	Pulpwood	9.0	Cords		
	Jack Pine		6.0	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	4.0	<i>Cords</i>		
	Mixed Aspen		4.0	Cords		
	<i>B. T. Aspen</i>		4.0	<i>Cords</i>		
	Red Maple		13.0	Cords		
	Red Pine		7.0	Cords		
	White Pine		227.0	Cords		
TOTAL:			145.0	MBF		
TOTAL:			1,027.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: 2 Four D Pine

Sale Number: 54-051-16 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow 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) 1, cut all species trees that are two (2) inches or more at DBH.

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

Within Payment Unit(s) 2, 3, and 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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

Within Payment Unit(s) 6, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except trees marked with green paint above and below stump height. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 5, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are every third row. Begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third row sequence.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. Do not chip 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 1 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.4 - Skidding length (2/14)

Tree length skidding is required for Payment Unit 6.

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) 2, 3, 4, and 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$50.00 per tree will be assessed for every marked tree not cut.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured.

No damage is acceptable to merchantable trees. Within the sale area, if more than 5% 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.

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. Skid trails only will be allowed.

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 (10/11)

A pre-sale conference 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 10 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 6, cutting and skidding are not permitted during snow and/or frozen ground on conditions. This restriction is because of snow trail use and to scarify the soil.

5.2.3.3 - Bark slippage restriction (3/09)

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

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4

mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.20 - Equipment width (2/04)

Equipment used to remove designated rows must be capable of moving through cut rows without damaging residual trees.

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.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 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.

5.7 - Protection of Historical Sites

5.7.2 - Potential historical site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

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

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on 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 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.

8 - Performance and Settlement

SKIP

8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.



TIMBER SALE MAP

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

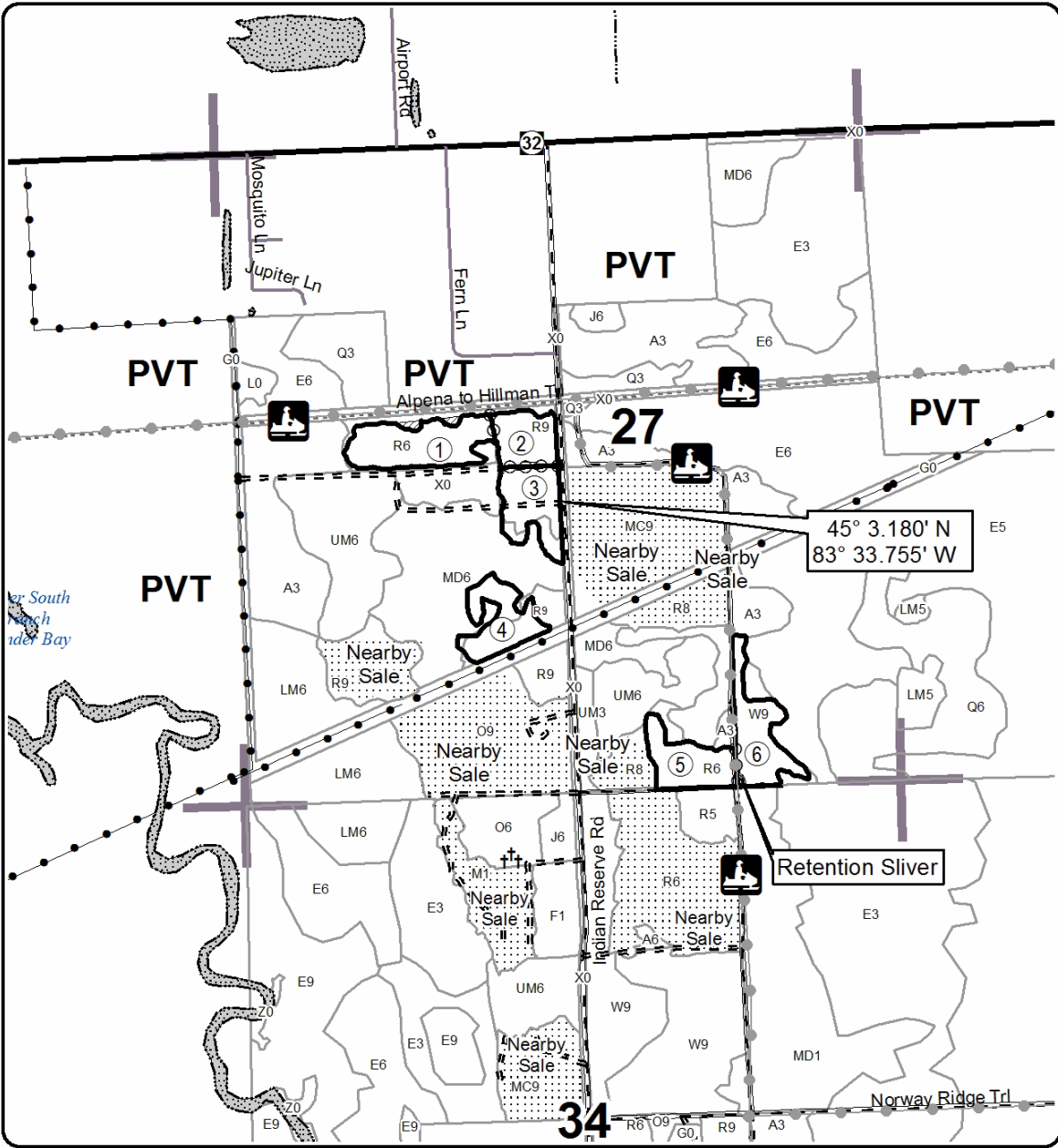
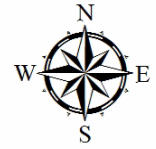
Sale Number	Year
54-051	16

Forest Management Unit	County	Mapped By	Date	Page	of
Atlanta	Alpena	D. Parris	9/29/16	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
31N	07E	T31N R07E Sec 27 NESW, NWSE, SENW, SESE, SESW, SWNE, SWNW, SWSE	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 = Tread 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	Stand	Acres	PU	Stand	Acres
1	4	8.9	4	22	6.0
2	10	4.7	5	35	6.1
3	10	6.4	6	37	7.1

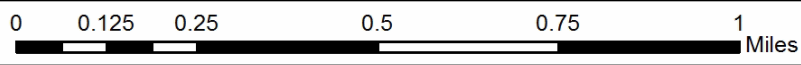
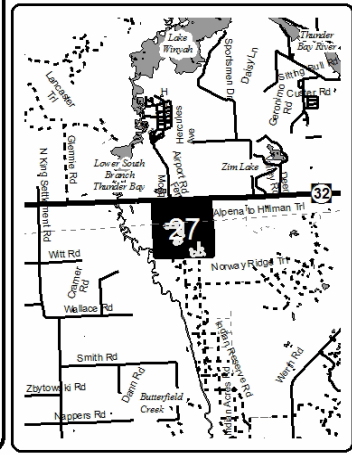
2 Four D Pine
Compartment 104
39.2 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Payment Unit No.
- ▨ Retention Area
- ⋯ Nearby Timber Sale
- Stand Boundaries
- Recreational Trail
- Pipeline; Powerline
- Highway
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- ▨ Lakes and Rivers
- ▨ All
- Section Corners

Locator Map
 1:200,000



TIMBER SALE INFORMATION

THIN MINT HARDWOOD (54-052-16)

Alpena County (Advertised Price \$5,739.45)

SALE NOTE: Operations are limited to the period of 12/1 - 3/15. This restriction is to avoid conflicts with campground users (see spec 5.2.3.1). Also note that there will be no extensions granted on this contract (see spec 7.2.2).

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Oak	10.70 MBF	\$ 140.00 / MBF
Red Pine	3.00 MBF	\$ 121.00 / MBF
Pulpwood		
Jack Pine	3.00 Cords	\$ 22.50 / Cord
Red Maple	13.00 Cords	\$ 13.80 / Cord
Red Oak	107.00 Cords	\$ 13.45 / Cord
Red Pine	58.00 Cords	\$ 37.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 24.82 percent. 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 \$287.00 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2018.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	10.7	MBF	23.6	\$5,739.45
	Red Pine		3.0	MBF		
	Jack Pine	Pulpwood	3.0	Cords		
	Red Maple		13.0	Cords		
	Red Oak		107.0	Cords		
	Red Pine		58.0	Cords		
TOTAL:			13.7	MBF		
TOTAL:			181.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: THIN MINT HARDWOOD

Sale Number: 54-052-16 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary is marked and identified by red 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.

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 1. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated merchantable trees. Within the sale area, if more than 5% 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.

3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are indicated on the sale map by the CU (camp use) symbol and identifiable on the ground by open areas for intensive recreational use surrounding the camp buildings and the turning circle immediately adjacent. The Purchaser shall not cut live or dead trees or operate within special protection areas. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$300.00 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated timber.

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)

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.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

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 (10/11)

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 10 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

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.

5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris are to be left around the campground use area. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of 12/1 - 3/15. This restriction is to avoid conflicts with campground users.

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 non-motorized campground trail is a walking trail, and is identified on the Timber Sale Map as the girlscout trail. Do not cut trees or damage posts with pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator. Before harvest operations begin, trails must be designated with flagging to minimize residual slash accumulation on the trails.

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.

5.8 - 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.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract.



TIMBER SALE MAP

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

Forest Management Unit Atlanta		County Alpena	Mapped By Krugh/Natzke	Date 09/29/2016	Page 1	of 1
Township 31N	Range 07E	Section(s) and Subdivision(s) Sec. 27 S2SW		Scale 1:15,840		

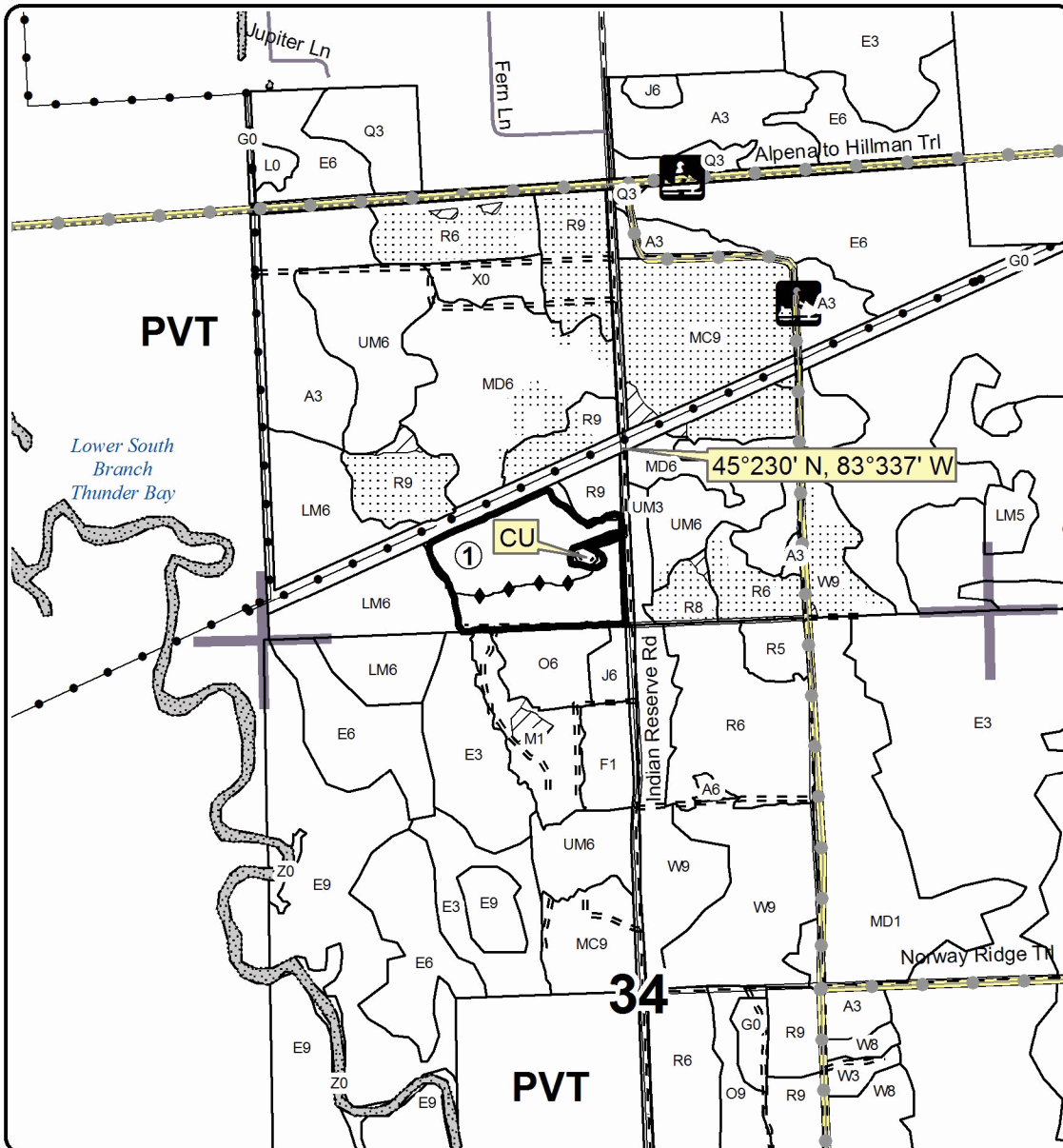
Cover Type				Density		
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium	
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well	
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor	
D = Tread 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	23.6

Thin Mint Hardwood

Compartment 104

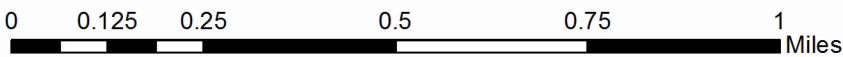
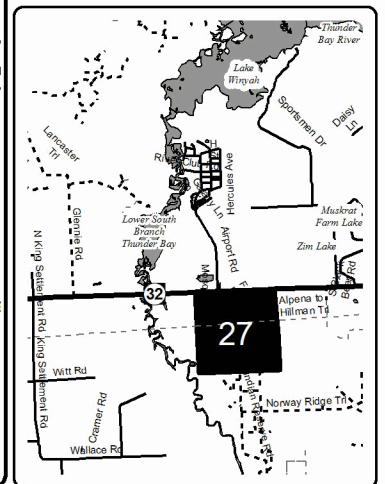
23.6 Acres



Legend

- Against State (Red)
- Payment Units
- Recreational Trail
- Pipeline; Powerline
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Lakes and Rivers
- Nearby Sale
- Stand Boundaries
- CU Camp Use
- Girlscout Trail
- Section Corners

Locator Map
1:150,000



Flyby Pine (54-050-16)
 ; Alpena COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on December 27, 2016, 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</u>
Sawtimber			
Mixed Aspen	12.20 MBF	\$ 67.00/MBF	\$ _____
Norway Spruce	246.40 MBF	\$ 62.00/MBF	\$ _____
Red Maple	8.00 MBF	\$ 117.00/MBF	\$ _____
Red Oak	28.20 MBF	\$ 162.00/MBF	\$ _____
Red Pine	964.10 MBF	\$ 140.00/MBF	\$ _____
White Pine	202.20 MBF	\$ 97.00/MBF	\$ _____
Yellow Birch	1.60 MBF	\$ 228.00/MBF	\$ _____
Pulpwood			
Balsam Fir	4.00 Cords	\$ 23.15/Cord	\$ _____
Jack Pine	56.00 Cords	\$ 25.95/Cord	\$ _____
Mixed Aspen	47.00 Cords	\$ 16.85/Cord	\$ _____
Mixed Hardwood	182.00 Cords	\$ 15.95/Cord	\$ _____
Mixed Spruce	639.00 Cords	\$ 31.10/Cord	\$ _____
N. White Cedar	4.00 Cords	\$ 27.65/Cord	\$ _____
Red Oak	89.00 Cords	\$ 15.50/Cord	\$ _____
Red Pine	1,497.00 Cords	\$ 43.60/Cord	\$ _____
Tamarack	2.00 Cords	\$ 22.10/Cord	\$ _____
White Pine	425.00 Cords	\$ 22.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 13.23 percent. 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

THIN MINT HARDWOOD (54-052-16)
 ; Alpena COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on December 27, 2016, 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</u>
Sawtimber			
Red Oak	10.70 MBF	\$ 140.00/MBF	\$ _____
Red Pine	3.00 MBF	\$ 121.00/MBF	\$ _____
Pulpwood			
Jack Pine	3.00 Cords	\$ 22.50/Cord	\$ _____
Red Maple	13.00 Cords	\$ 13.80/Cord	\$ _____
Red Oak	107.00 Cords	\$ 13.45/Cord	\$ _____
Red Pine	58.00 Cords	\$ 37.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 24.82 percent. 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. 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

2 Four D Pine (54-051-16)
 ; Alpena COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on December 27, 2016, 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</u>
Sawtimber			
B. T. Aspen	1.40 MBF	\$ 67.00/MBF	\$ _____
Bl/R/Hybrid Oak	5.50 MBF	\$ 154.00/MBF	\$ _____
Red Maple	2.60 MBF	\$ 117.00/MBF	\$ _____
Red Pine	68.30 MBF	\$ 140.00/MBF	\$ _____
White Pine	67.20 MBF	\$ 97.00/MBF	\$ _____
Pulpwood			
Bl/R/Hybrid Oak	62.00 Cords	\$ 15.50/Cord	\$ _____
Black Spruce	9.00 Cords	\$ 31.10/Cord	\$ _____
Jack Pine	31.00 Cords	\$ 25.95/Cord	\$ _____
Mixed Aspen	57.00 Cords	\$ 16.85/Cord	\$ _____
Red Maple	17.00 Cords	\$ 15.95/Cord	\$ _____
Red Pine	604.00 Cords	\$ 43.60/Cord	\$ _____
White Pine	247.00 Cords	\$ 22.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 23.43 percent. 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: _____

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

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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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_____ Full-time Employees

_____ Part-time Employees

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

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