



DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT  
STATE OF MICHIGAN

TIMBER SALE PROSPECTUS

SALE TIME, DATE AND LOCATION  
10:00 a.m. on December 17, 2010  
**SHINGLETON**

Notice is hereby given that bids will be received by the Unit Manager, SHINGLETON MANAGEMENT UNIT, for certain timber on the following described lands. The Bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs, and sale contract terms of the proposed sale.

TAG TEAM TAMARACK / T46N, R15W, SEC. 01, NWSW, SESW, SWNW, SENW, NESW.

T46N, R15W, SEC. 02, NENE, NWNE.

T46N, R15W, SEC. 02, SENE.

SCHOOLCRAFT COUNTY (Appr. \$20,642.60)

SALE ACRES: 115

No designated recreation site such as a trail, pathway, or campground is within the sale area.

Access may be through state forest land.

DRIGGS RIVER ROAD / T46N, R15W, SEC. 11, N1/2 NW1/4, SENW, W1/2 NE1/4.

T46N, R15W, SEC. 11, E1/2 SE1/4, NWSE.

T46N, R15W, SEC. 14, N1/2 NE1/4, SWNE.

T46N, R15W, SEC. 02, W1/2 SW1/4, SENW.

SCHOOLCRAFT COUNTY (Appr. \$13,573.85)

SALE ACRES: 84

No designated recreation site such as a trail, pathway, or campground is within the sale area.

Access may be through state forest land.

MAD HAWK RED PINE / T43N, R15W, SEC. 33, E1/2SW, NWSW, NWSE, S1/2NW, NWSW.

SCHOOLCRAFT COUNTY (Appr. \$27,405.55)

SALE ACRES: 104

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.

Access may be through state forest land.

BRACE CREEK HARDWOOD 2 / T43N, R15W, SEC. 33, E1/2SE, NWSE, W1/2NE, E1/2NW.

T43N, R15W, SEC. 28, SW1/4, SWNW, SWSE.

SCHOOLCRAFT COUNTY (Appr. \$81,649.25)

SALE ACRES: 229

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.

Access may be through state forest land.

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Please be aware that some landowners may request 60 days or more notice for forest harvesting access across their land.



BID INSTRUCTIONS (Ver. 06/23/2008):

1. Bid Location, Date, and Time: Bids must be received by the Unit Manager, Shingleton Management Unit, M-28 West, PO Box 67, Shingleton, MI 49884 no later than 10:00 a.m. on December 17, 2010. For further information concerning this sale, contact the Unit Manager at 906-452-6227.
2. Bidder's Qualifications: 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, that 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 DNRE/FMD 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: Bids shall be manually signed in ink; 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 forms, each erasure or change must be initialed by the person signing the bid.
4. Submission of Sealed Bids: Bid forms may be obtained from the Unit Manager. All 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) that it is a "Bid for Timber," and (b) the sale name or number, and (c) 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.
5. Public Opening of Sealed Bids: If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.
6. Award of Contract: 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: 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: 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: 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/dnr](http://www.michigan.gov/dnr). 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 termination date.

10. Disclaimer of Estimates and Bidder's Warranty of Inspection: 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: 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-090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-S1. Forest products from this sale may be delivered to the mill as "FSC 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.

REBECCA A. HUMPHRIES  
Director

TAG TEAM TAMARACK (010-10-01)

A timber sale contract for this LUMP SUM SEALED timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
PULPWOOD		
B. SPRUCE	208.00 CORDS	\$ 17.30/CORD
TAMARACK	981.00 CORDS	\$ 7.75/CORD
JACK PINE	183.00 CORDS	\$ 31.05/CORD
MIX HARDWD	151.00 CORDS	\$ 15.75/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
SAWLOGS		
WHITE PINE	5.30 MBF	\$ 47.00/MBF
PULPWOOD		
P. BIRCH	30.00 CORDS	\$ 12.70/CORD
BALSAM FIR	27.00 CORDS	\$ 13.65/CORD
WHITE PINE	12.00 CORDS	\$ 7.20/CORD
MIX ASPEN	20.00 CORDS	\$ 14.80/CORD

\*The volumes are statistically estimated within plus (+) or minus (-) 17.4 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.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,032.00, 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 may 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
1	35%
2	28%
3	37%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on June 30, 2013.



### TIMBER SALE MAP

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

Sale Number	Year
41-010-10-01	10

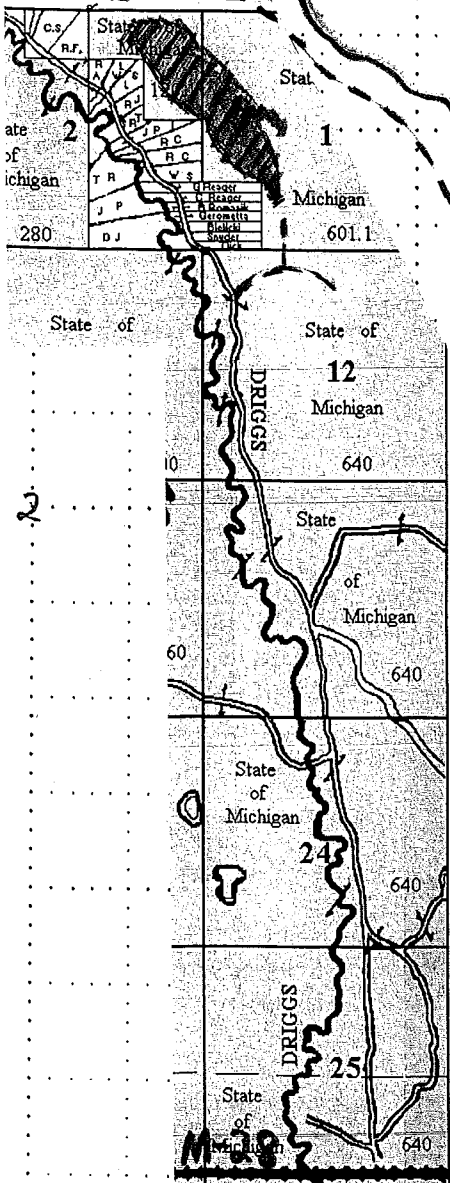
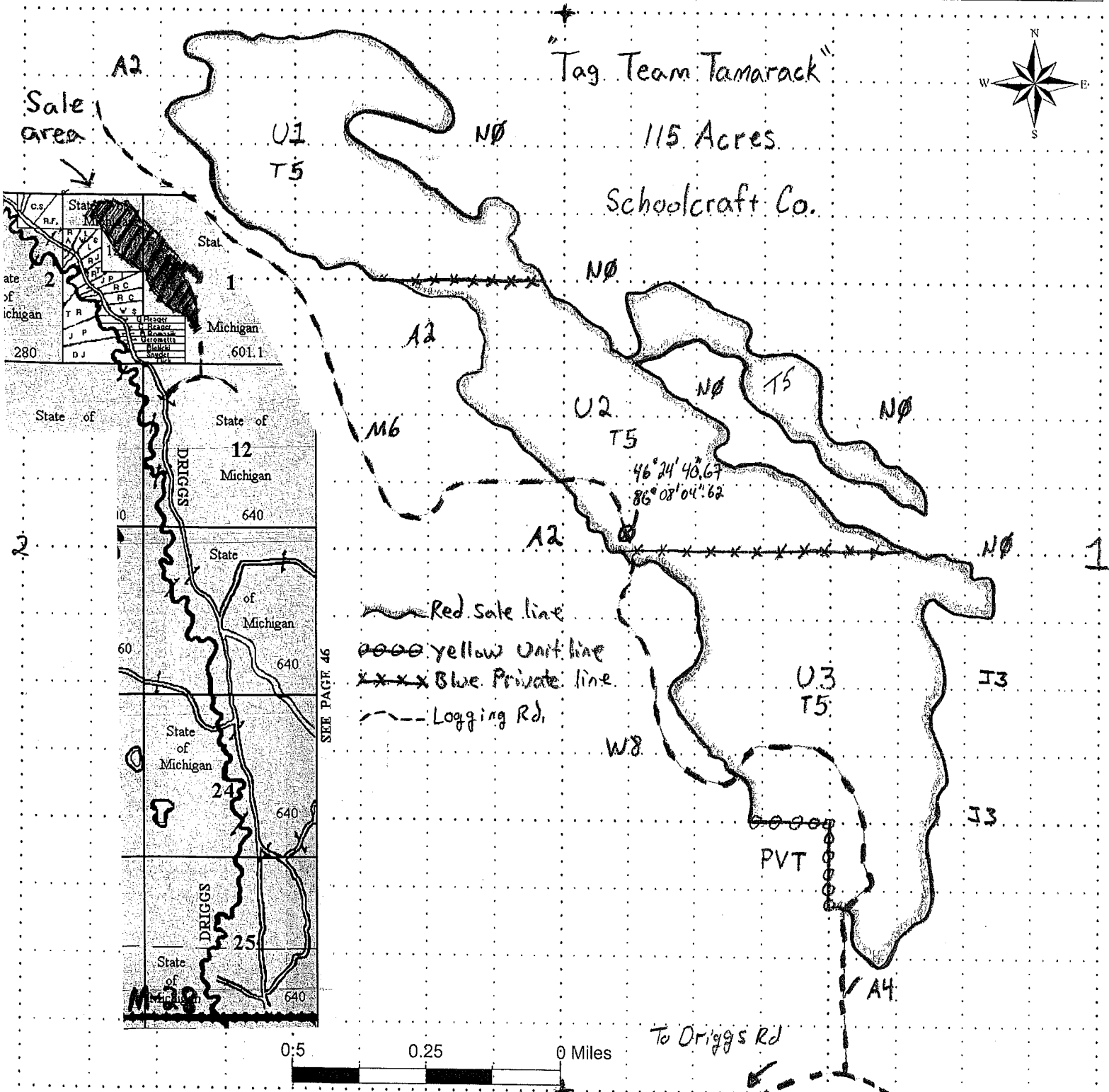
Forest Management Unit <b>SHINGLETON</b>	County <b>SCHOOLCRAFT</b>	Mapped By <b>M. MOLIN</b>	Date <b>2-18-10</b>	Page <b>1</b>	of <b>1</b>
Township <b>46N</b>	Range <b>15W</b>	Cruised By <b>MOLIN, HILL, BRAMER</b>		Section(s) and Subdivision(s) <b>S2-NE 1/4 NE 1/4; NW 1/4 NE 1/4; SE 1/4 NE 1/4. S1-S 1/2 NW 1/4; N 1/2 SW 1/4; S E SW</b>	

#### Cover Type

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



## Sale Specific Conditions & Requirements

Sale Name: Tag Team Tamarack Sale Number: 41-010-10-01

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (12/08)

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. Do not cut painted boundary line trees.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (12/08)

Within Payment Unit(s) 1, 2 and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization except red pine, unmarked white pine, hemlock, cedar and oak. White pine marked with orange paint above and below stump height are designated for cutting. Reserve trees identified in accordance with 2.4.2 - Reserve trees are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.11 - Chipping restriction (9/09)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped.

#### 2.4 - Special Protection

##### 2.4.2 - Reserve trees (1/09)

The Purchaser shall not cut live or dead reserve trees within cutting units or clearings. Reserve trees are hemlock and oak. The Purchaser shall protect reserve trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged reserve trees through carelessness, the Purchaser shall pay \$75.00 as fixed, agreed and liquidated damages for each reserve tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 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.

**4.1.7 - Road closure (4/07)**

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 constructed 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.

**4.2 - Maintenance**

**4.2.1 - Hauling restriction (12/08)**

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup, or if roads become too dry and likely to blow out.

**4.2.2 - Fill material (4/07)**

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

**4.2.4 - Grading (12/08)**

Roads must be graded after the sale is completed. This only applies to the Driggs River Road. 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.

**5 - Operations**

**5.1 - Notification**

**5.1.1 - Pre-sale conference (12/08)**

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. 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 (9/09)

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**

**5.2.1 - Slash**

5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the blue paint line.

5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

**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.

**5.2.4 - Dead and Down Creation**

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

**5.2.22 - Operating Caution**

5.2.22.1 - Operating caution (12/04)

It is recommended, but not required, that within Payment Unit(s) 1-3, cutting, skidding and hauling occur during frozen winter conditions. This restriction is because of sandy roads and soft ground within the sale area.

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 (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (3/09)

No harvesting operations, including skidding and felling, are to take place within the marshes areas or drainages within or near the sale area. 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 (4/09)

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**

**7.3 - Contract Modifications**

**7.3.1 - Emerald Ash Borer**

7.3.1.1 - Emerald ash borer, no ash or firewood on sale (2/05)

There is no ash or "firewood" in this sale, but it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.

DRIGGS RIVER ROAD (012-10-01)

A timber sale contract for this LUMP SUM SEALED timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
PULPWOOD		
P. BIRCH	323.00 CORDS	\$ 13.30/CORD
MIX ASPEN	190.00 CORDS	\$ 17.45/CORD
MIX HARDWD	263.00 CORDS	\$ 14.50/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
SAWLOGS		
P. BIRCH	1.60 MBF	\$ 114.00/MBF
WHITE PINE	11.10 MBF	\$ 29.00/MBF
PULPWOOD		
BALSAM FIR	67.00 CORDS	\$ 11.75/CORD
B. SPRUCE	34.00 CORDS	\$ 13.70/CORD
TAMARACK	20.00 CORDS	\$ 6.70/CORD
WHITE PINE	28.00 CORDS	\$ 9.20/CORD

\*The volumes are statistically estimated within plus (+) or minus (-) 9.9 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.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$679.00, 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 may 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:

<u>PAYMENT</u>	<u>UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
	1	12%
	2	27%
	3	23%
	4	07%
	5	31%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on June 30, 2013.



**TIMBER SALE MAP**

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

Sale Number	Year
41-012-10-01	10

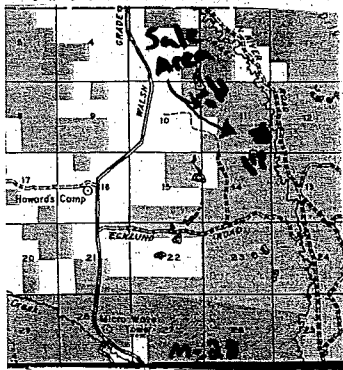
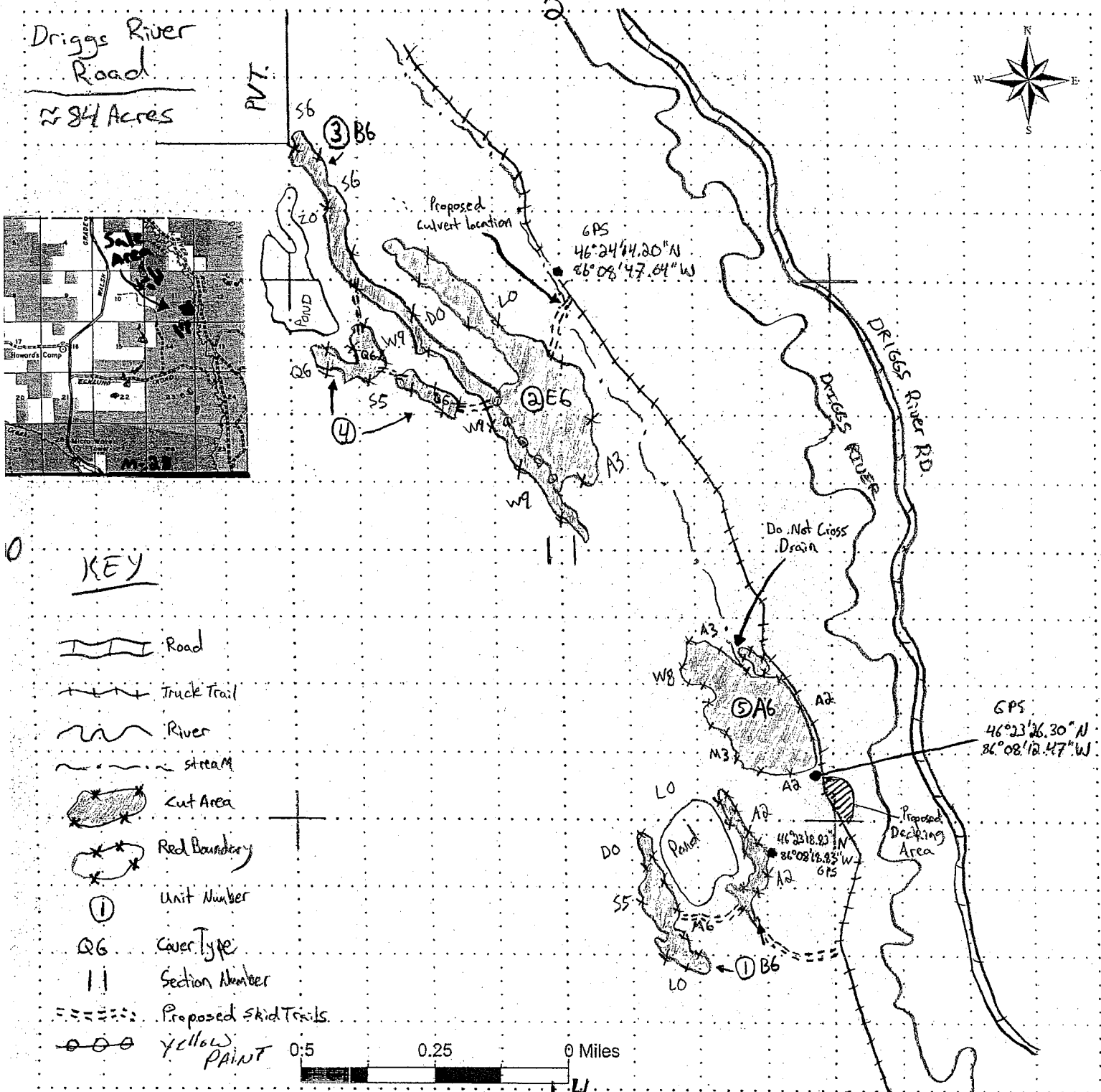
Forest Management Unit Shingleton Field Office	County Schoolcraft	Mapped By J. Brames	Date 03/05/10	Page 1	of 1
Township 4GN	Range 15W	Cruised By J. Brames, M. Molin	Scale: 4 inches = 1 mile		
Section(s) and Subdivision(s) SEC 2: W 1/2, SW 1/4, SE 1/4 SEC 14: N 1/2 NE 1/4, SE 1/4, NWSE					

**Cover Type**

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



**KEY**

- Road
- Truck Trail
- River
- Stream
- Cut Area
- Red Boundary
- Unit Number
- Cover Type
- Section Number
- Proposed Skid Trails
- Yellow PAINT

## Sale Specific Conditions & Requirements

**Sale Name: Driggs River Road    Sale Number: 41-012-10-01**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (12/08)

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. 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

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (12/08)

Within Payment Unit(s) 1-5, cut all trees which meet minimum piece specifications in 2.2 Utilization except white pine, cedar, and reserve trees identified in accordance with 2.4.2 - Reserve Trees.

##### 2.1.11 - Description of timber note (2/04)

Note that Mixed Hardwood includes red maple and that mixed aspen includes quaking and big tooth

#### 2.2 - Utilization

##### 2.2.11 - Chipping restriction (9/09)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped.

#### 2.4 - Special Protection

##### 2.4.2 - Reserve trees (1/09)

The Purchaser shall not cut live or dead reserve trees within cutting units or clearings. Reserve trees are hemlock and oak. The Purchaser shall protect reserve trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged reserve trees through carelessness, the Purchaser shall pay \$75.00 as fixed, agreed and liquidated damages for each reserve tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

**4.1.5 - Culverts (8/10)**

Roads may require the installation of culverts at cross drainages on wet soils, or across natural drainage-ways. Culverts shall be placed in locations specified by the sale administrator and shall be new, corrugated metal. Culverts will be a minimum of 12 inches in diameter and 24 feet in length and appropriately sized for the crossing. Culverts shall be installed prior to use of the road. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNRE. Culverts may need to be removed prior to spring runoff.

**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 (4/07)**

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 constructed of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

**4.2 - Maintenance**

**4.2.1 - Hauling restriction (12/08)**

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during poor road conditions.

**4.2.2 - Fill material (4/07)**

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

**4.2.4 - Grading (12/08)**

Roads must be graded after the sale is completed. 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 only applies to the Walsh Grade and Ecklund roads if used when not frozen. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

**5 - Operations**

**5.1 - Notification**

**5.1.1 - Pre-sale conference (12/08)**

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. There are seasonal water flow issues in this sale that will need to be discussed as well. 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 (9/09)**

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**

**5.2.1 - Slash**

**5.2.1.2 - Slash Removal**

**5.2.1.2.1 - Slash removal, right-of-way (12/04)**

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

**5.2.1.2.6 - Slash removal, general (7/05)**

All slash must be removed from any seasonal drainages that are in or adjacent to the sale area. The purchaser must take every caution to avoid altering the seasonal sheet flow of water through the sale area.

**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.

**5.2.4 - Dead and Down Creation**

**5.2.4.3 - Dead and down creation, dead trees (6/07)**

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

**5.2.22 - Operating Caution**

**5.2.22.1 - Operating caution (12/04)**

It is recommended, but not required, that within Payment Unit(s) 1-5, cutting, skidding, and hauling occur during frozen winter conditions. This restriction is because of low ground within the sale area, extremely variable seasonable runoff, and very sandy truck roads.

**5.2.31 - Landing locations (10/09)**

Payment Unit 5 must be decked in the proposed decking area identified on the map, unless otherwise authorized by the Unit Manager or his/her representative. All other landing areas must be approved before they are used.

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 (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (3/09)

No harvesting operations, including skidding and felling, are to take place within the creek/drainage area in the northern portion of Unit 5. It is not to be crossed for any reason, as specified on the sale map. 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 (4/09)

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**

#### **7.3 - Contract Modifications**

##### **7.3.1 - Emerald Ash Borer**

7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.



MAD HAWK RED PINE (016-10-01)

A timber sale contract for this LUMP SUM SEALED timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
PULPWOOD		
WHITE PINE	124.00 CORDS	\$ 20.10/CORD
RED PINE	516.00 CORDS	\$ 30.90/CORD
JACK PINE	172.00 CORDS	\$ 33.85/CORD
MIX ASPEN	175.00 CORDS	\$ 15.45/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
PULPWOOD		
P. BIRCH	9.00 CORDS	\$ 13.20/CORD
MIX HARDWD	20.00 CORDS	\$ 16.20/CORD

\*The volumes are statistically estimated within plus (+) or minus (-) 15.0 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.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,370.00, 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 may 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:

<u>PAYMENT</u>	<u>UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
	1	33%
	2	26%
	3	16%
	4	10%
	5	15%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on December 31, 2013.



**TIMBER SALE MAP**

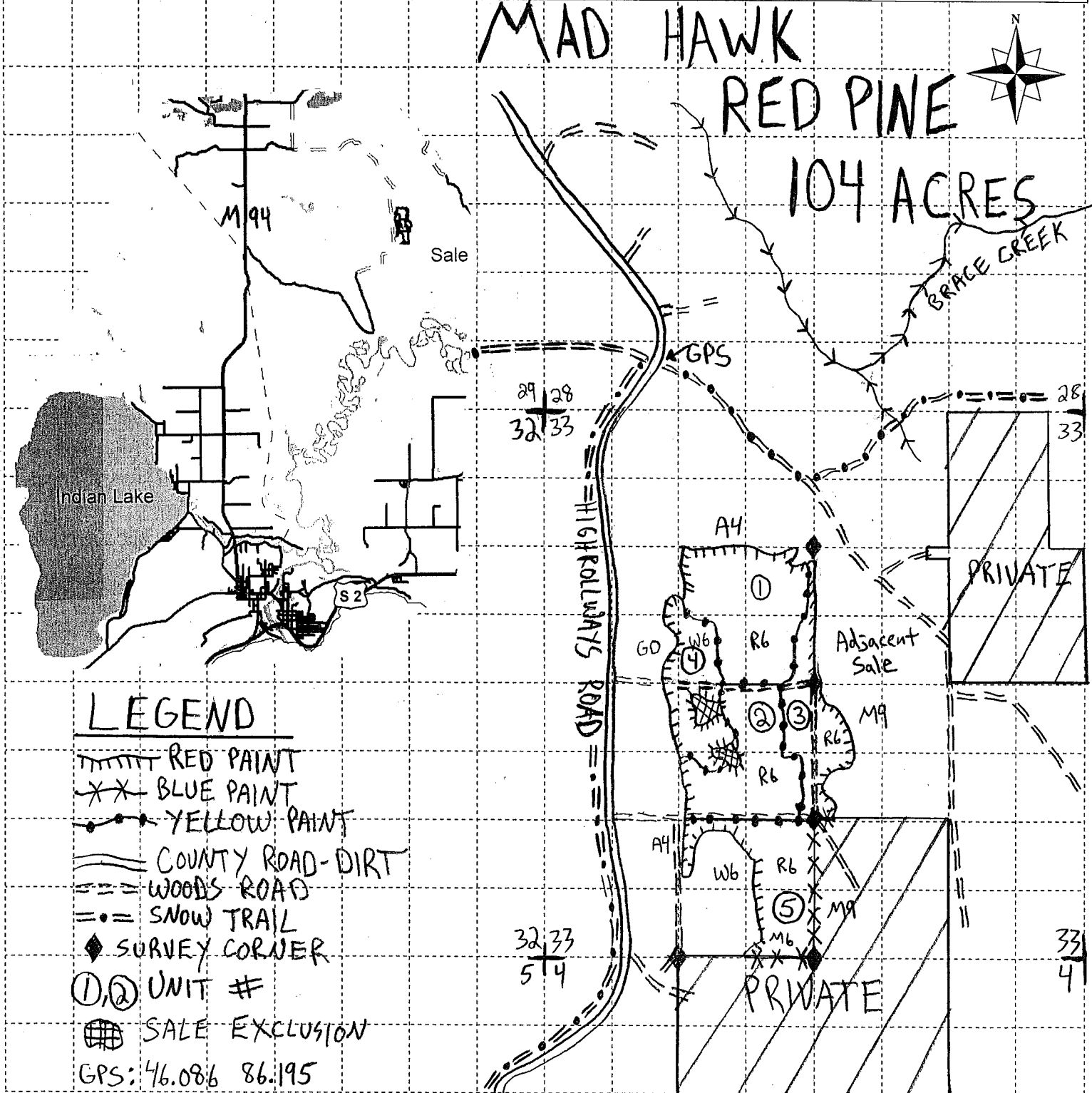
This information provided by authority of Part 525 of Act 451, PA 1994, as amended.

Sale Number	Year
016	10
Date 3-15-10	Page 1 of 1

Forest Management Unit <b>Shingleton</b>	County <b>Schoolcraft</b>	Mapped By <b>Petrelivs</b>
Township <b>43N</b>	Range <b>15W</b>	Cruised By <b>Petrelivs</b>
Section(s) and Subdivision(s) <b>33: E 1/2 SW, NWSW, NWSE, S 1/2 NW, NWSW</b>		

Scale: [... 4in .....] = 1 mile

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



**LEGEND**

- ||||| RED PAINT
  - XX BLUE PAINT
  - YELLOW PAINT
  - COUNTY ROAD-DIRT
  - == WOODS ROAD
  - SNOW TRAIL
  - ◆ SURVEY CORNER
  - ①, ② UNIT #
  - ▣ SALE EXCLUSION
- GPS: 46.086 86.195

## Sale Specific Conditions & Requirements

Sale Name: Mad Hawk Red Pine Sale Number: 41-016-10-01

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (12/08)

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. Do not cut painted boundary line trees unless also 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

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

Within Payment Unit(s) 1-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all aspen and jack pine which meet minimum piece specifications in 2.2 Utilization are designated for cutting.

#### 2.2 - Utilization

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 8 inches for trees greater than 12 inches DBH and 4 inches for trees smaller than 12 inches DBH.

##### 2.2.11 - Chipping restriction (9/09)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped.

#### 2.4 - Special Protection

##### 2.4.2 - Reserve trees (1/09)

The Purchaser shall not cut live or dead reserve trees within cutting units or clearings. Reserve trees are hemlock and oak. The Purchaser shall protect reserve trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged reserve trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each reserve tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

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 (12/08)

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

**4.2 - Maintenance**

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur to prevent damage to existing road bed.

**5 - Operations**

**5.1 - Notification**

5.1.1 - Pre-sale conference (12/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. 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 (9/09)

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**

**5.2.1 - Slash**

5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the blue paint line.

**5.2.1.2 - Slash Removal**

5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

**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.

### 5.2.4 - Dead and Down Creation

#### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Highrollways Road without permission of the Unit Manager and the Schoolcraft County Road Commission.

#### 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 (8/09)

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 snowmobile trail may not be used for any timber sale operations from December 1 to March 31. The snowmobile trail may only be crossed at right angles from December 1 to March 31.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (4/09)

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**

**7.3 - Contract Modifications**

**7.3.1 - Emerald Ash Borer**

7.3.1.1 - Emerald ash borer, no ash or firewood on sale (2/05)

There is no ash or "firewood" in this sale, but it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.

BRACE CREEK HARDWOOD 2 (017-10-01)

A timber sale contract for this LUMP SUM SEALED timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
SAWLOGS		
SUG. MAPLE	71.10 MBF	\$ 625.00/MBF
PULPWOOD		
MIX HARDWD	1,473.00 CORDS	\$ 14.65/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

<u>SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>APPRAISED PRICE</u>
SAWLOGS		
RED MAPLE	38.30 MBF	\$ 95.00/MBF
YEL. BIRCH	10.00 MBF	\$ 184.00/MBF
BEECH	26.30 MBF	\$ 40.00/MBF
P. BIRCH	5.70 MBF	\$ 209.00/MBF
BLK CHERRY	.50 MBF	\$ 173.00/MBF
PULPWOOD		
BEECH	326.00 CORDS	\$ 10.90/CORD
P. BIRCH	348.00 CORDS	\$ 11.95/CORD
MIX ASPEN	8.00 CORDS	\$ 14.00/CORD

\*The volumes are statistically estimated within plus (+) or minus (-) 13.01 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.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,082.00, 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 may 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
1	07%
2	10%
3	13%
4	29%
5	25%
6	16%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on June 30, 2014.



### TIMBER SALE MAP

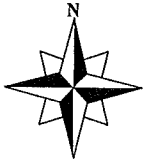
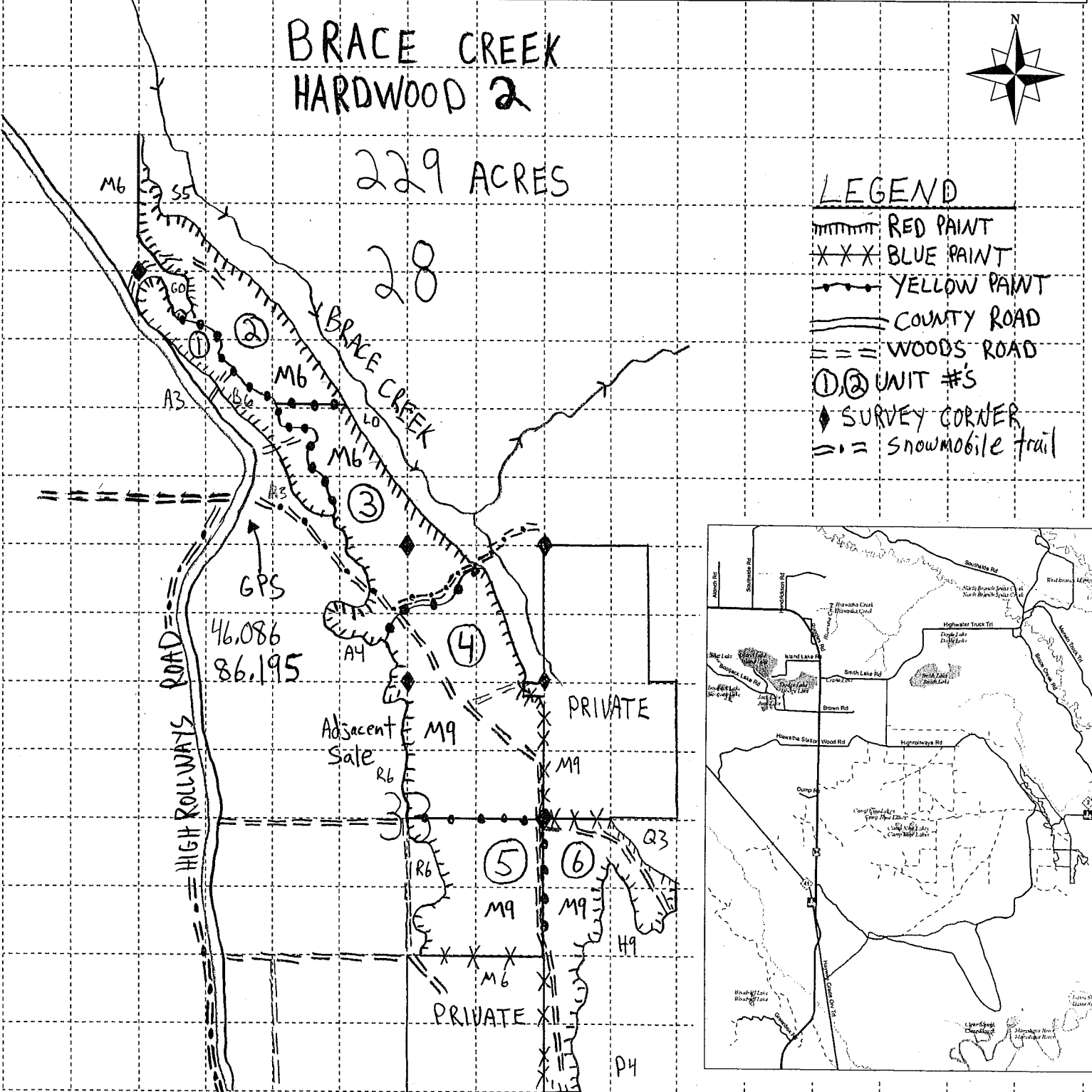
This information provided by authority of Part 525 of Act 451, PA 1994, as amended.

Sale Number	Year
017	10
Date	Page of
4-10-10	1   1

Forest Management Unit	County	Mapped By
Shingleton	Schoolcraft	Petreluis
Township	Range	Section(s) and Subdivision(s)
43N	15W	28: SW $\frac{1}{4}$ , SWNW, SWSE 33: E $\frac{1}{2}$ SE, NWSE, W $\frac{1}{2}$ NE, E $\frac{1}{2}$ NW
		Cruised By
		Petreluis, Burns, Clark, Burnham

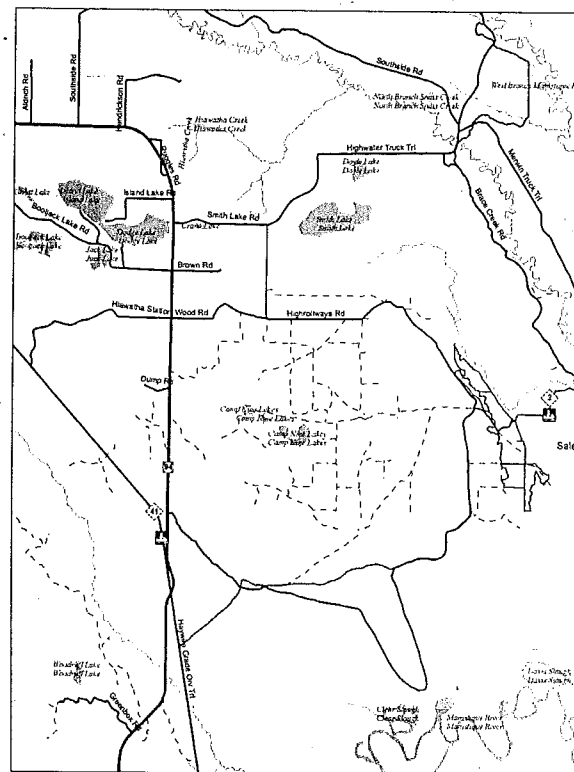
Scale: |... 4in .....| = 1 mile

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



**LEGEND**

- ||||| RED PAINT
- XXX BLUE PAINT
- YELLOW PAINT
- ==== COUNTY ROAD
- == WOODS ROAD
- ①② UNIT #'S
- ◆ SURVEY CORNER
- == snowmobile trail





## Sale Specific Conditions & Requirements

Sale Name: Brace Creek Hardwood 2 Sale Number: 41-017-10-01

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (12/08)

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. Do not cut painted boundary line trees unless also 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

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (12/08)

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization except sugar maple and red maple. Also, do not cut white birch marked with green paint. Reserve trees identified in accordance with 2.4.2 - Reserve trees, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 2-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

##### 2.2.11 - Chipping restriction (9/09)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped.

#### 2.4 - Special Protection

##### 2.4.2 - Reserve trees (1/09)

The Purchaser shall not cut live or dead reserve trees within cutting units or clearings. Reserve trees are hemlock and oak. The Purchaser shall protect reserve trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged reserve trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each reserve tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 3 - Payments

#### 3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (12/08)

Payment unit(s) 4 and 5 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.

**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 (4/07)

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 constructed 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

**4.2 - Maintenance**

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur to prevent damage to existing road bed.

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

**5 - Operations**

**5.1 - Notification**

5.1.1 - Pre-sale conference (12/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. 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 (9/09)

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**

**5.2.1 - Slash**

5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the blue paint line.

**5.2.1.2 - Slash Removal**

5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

**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**

5.2.3.3 - Bark slippage restriction (3/09)

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

5.2.3.9 - Beech hauling restriction (8/09)

American beech wood products with bark still attached, other than chips, are not to be transported from stands infested with beech bark disease to or through uninfested beech areas from July 15 to November 15. Beech scale is mobile at this time of year and can move from infested wood to live beech. (See Map of current beech scale distribution on the DNR Forest Health Website, [www.michigan.gov/dnr](http://www.michigan.gov/dnr).)

**5.2.4 - Dead and Down Creation**

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of the County Road right of way without permission of the Schoolcraft County Road Commission and the Unit Manager or his/her representative.

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 (8/09)

There is a snowmobile trail depicted on the 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. 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. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. The snowmobile trail may only be crossed at right angles.

**5.4 - Soil Protection**

5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (4/09)

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**

**7.3 - Contract Modifications**

**7.3.1 - Emerald Ash Borer**

7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.

TAG TEAM TAMARACK (010-10-01)  
T46N, R15W, SEC. 01, NWSW, SESW, SWNW, SENW, NESW.  
T46N, R15W, SEC. 02, NENE, NWNE.  
T46N, R15W, SEC. 02, SENE.  
SCHOOLCRAFT COUNTY

In response to the notice of sale to be held 10:00 a.m. on December 17, 2010, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>BID PRICE</u>	<u>ESTIMATED VOLUME* = VALUE</u>
<u>PULPWOOD</u>			
B. SPRUCE	\$ 17.30/CORD	\$ _____ X	208.00 CORDS = \$ _____
TAMARACK	\$ 7.75/CORD	\$ _____ X	981.00 CORDS = \$ _____
JACK PINE	\$ 31.05/CORD	\$ _____ X	183.00 CORDS = \$ _____
MIX HARDWD	\$ 15.75/CORD	\$ _____ X	151.00 CORDS = \$ _____
			SUBTOTAL 1 \$ _____

In addition, the successful bidder agrees to purchase the following species at the appraised price:

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>ESTIMATED VOLUME*</u>	<u>VALUE</u>
<u>SAWLOGS</u>			
WHITE PINE	\$ 47.00/MBF	5.30 MBF	= \$ 249.10
<u>PULPWOOD</u>			
P. BIRCH	\$ 12.70/CORD	30.00 CORDS	= \$ 381.00
BALSAM FIR	\$ 13.65/CORD	27.00 CORDS	= \$ 368.55
WHITE PINE	\$ 7.20/CORD	12.00 CORDS	= \$ 86.40
MIX ASPEN	\$ 14.80/CORD	20.00 CORDS	= \$ 296.00
			SUBTOTAL 2 \$ <u>1,381.05</u>

SUBTOTAL 1 + SUBTOTAL 2 = TOTAL BID VALUE \$ \_\_\_\_\_

\*These volumes are statistically estimated within plus (+) or minus (-) 17.4%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

\_\_\_\_\_  
(bidder's printed name)

\_\_\_\_\_  
(bidder's signature)

Address/Telephone \_\_\_\_\_

THE WINNING BIDDER MUST COMPLETE THE FORM ON THE REVERSE SIDE  
WITHIN 21 DAYS OF SALE AWARD



**FOR DEPARTMENT USE ONLY**

**TIMBER SALE  
VERIFICATION OF WORKER'S DISABILITY  
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525  
of Act 451 of 1994, as amended.*

Sale or Permit No

Year:

Type:

Forest Area:

**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 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 that 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 that 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 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 No.  
(       )

City

State

Zip + 4

I hereby certify that the above information is true and correct. I agree to notify the 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

DRIGGS RIVER ROAD (012-10-01)

T46N, R15W, SEC. 11, N1/2 NW1/4, SENW, W1/2 NE1/4.  
T46N, R15W, SEC. 11, E1/2 SE1/4, NWSE.  
T46N, R15W, SEC. 14, N1/2 NE1/4, SWNE.  
T46N, R15W, SEC. 02, W1/2 SW1/4, SENW.  
SCHOOLCRAFT COUNTY

In response to the notice of sale to be held 10:00 a.m. on December 17, 2010, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>BID PRICE</u>	<u>ESTIMATED VOLUME* = VALUE</u>
<u>PULPWOOD</u>			
P. BIRCH	\$ 13.30/CORD	\$ _____ X	323.00 CORDS = \$ _____
MIX ASPEN	\$ 17.45/CORD	\$ _____ X	190.00 CORDS = \$ _____
MIX HARDWD	\$ 14.50/CORD	\$ _____ X	263.00 CORDS = \$ _____
			SUBTOTAL 1 \$ _____

In addition, the successful bidder agrees to purchase the following species at the appraised price:

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>ESTIMATED VOLUME*</u>	<u>VALUE</u>
<u>SAWLGS</u>			
P. BIRCH	\$ 114.00/MBF	1.60 MBF	= \$ 182.40
WHITE PINE	\$ 29.00/MBF	11.10 MBF	= \$ 321.90
<u>PULPWOOD</u>			
BALSAM FIR	\$ 11.75/CORD	67.00 CORDS	= \$ 787.25
B. SPRUCE	\$ 13.70/CORD	34.00 CORDS	= \$ 465.80
TAMARACK	\$ 6.70/CORD	20.00 CORDS	= \$ 134.00
WHITE PINE	\$ 9.20/CORD	28.00 CORDS	= \$ 257.60
			SUBTOTAL 2 \$ <u>2,148.95</u>
SUBTOTAL 1 + SUBTOTAL 2 = TOTAL BID VALUE \$ _____			

\*These volumes are statistically estimated within plus (+) or minus (-) 9.9%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

\_\_\_\_\_  
(bidder's printed name)

\_\_\_\_\_  
(bidder's signature)

Address/Telephone \_\_\_\_\_

THE WINNING BIDDER MUST COMPLETE THE FORM ON THE REVERSE SIDE  
WITHIN 21 DAYS OF SALE AWARD



FOR DEPARTMENT USE ONLY	
Sale or Permit No	
Year:	Type:
Forest Area:	

**TIMBER SALE  
VERIFICATION OF WORKER'S DISABILITY  
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525 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 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 that 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 that 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 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 No. (       )	
City	State	Zip + 4	

I hereby certify that the above information is true and correct. I agree to notify the 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



MAD HAWK RED PINE (016-10-01)  
 T43N, R15W, SEC. 33, E1/2SW, NWSW, NWSE, S1/2NW, NWSW.  
 SCHOOLCRAFT COUNTY

In response to the notice of sale to be held 10:00 a.m. on December 17, 2010, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>BID PRICE</u>	<u>ESTIMATED VOLUME* = VALUE</u>
<u>PULPWOOD</u>			
WHITE PINE	\$ 20.10/CORD	\$ _____ X	124.00 CORDS = \$ _____
RED PINE	\$ 30.90/CORD	\$ _____ X	516.00 CORDS = \$ _____
JACK PINE	\$ 33.85/CORD	\$ _____ X	172.00 CORDS = \$ _____
MIX ASPEN	\$ 15.45/CORD	\$ _____ X	175.00 CORDS = \$ _____
SUBTOTAL 1			\$ _____

In addition, the successful bidder agrees to purchase the following species at the appraised price:

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>ESTIMATED VOLUME*</u>	<u>VALUE</u>
<u>PULPWOOD</u>			
P. BIRCH	\$ 13.20/CORD	9.00 CORDS	= \$ 118.80
MIX HARDWD	\$ 16.20/CORD	20.00 CORDS	= \$ 324.00
SUBTOTAL 2			\$ 442.80
SUBTOTAL 1 + SUBTOTAL 2 = TOTAL BID VALUE \$ _____			

\*These volumes are statistically estimated within plus (+) or minus (-) 15.0%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

\_\_\_\_\_  
 (bidder's printed name)

\_\_\_\_\_  
 (bidder's signature)

Address/Telephone \_\_\_\_\_

THE WINNING BIDDER MUST COMPLETE THE FORM ON THE REVERSE SIDE  
 WITHIN 21 DAYS OF SALE AWARD



# TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 525 of Act 451 of 1994, as amended.

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

## 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 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 that 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 that 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 DNRE 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

BRACE CREEK HARDWOOD 2 (017-10-01)  
T43N, R15W, SEC. 33, E1/2SE, NWSE, W1/2NE, E1/2NW.  
T43N, R15W, SEC. 28, SW1/4, SWNW, SWSE.  
SCHOOLCRAFT COUNTY

In response to the notice of sale to be held 10:00 a.m. on December 17, 2010, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>BID PRICE</u>	<u>ESTIMATED VOLUME*</u>	<u>= VALUE</u>
<u>SAWLOGS</u>				
SUG. MAPLE	\$ 625.00/MBF	\$ _____ X	71.10 MBF	= \$ _____
<u>PULPWOOD</u>				
MIX HARDWD	\$ 14.65/CORD	\$ _____ X	1,473.00 CORDS	= \$ _____
SUBTOTAL 1				\$ _____

In addition, the successful bidder agrees to purchase the following species at the appraised price:

<u>SPECIES</u>	<u>APPRAISED PRICE</u>	<u>ESTIMATED VOLUME*</u>	<u>VALUE</u>
<u>SAWLOGS</u>			
RED MAPLE	\$ 95.00/MBF	38.30 MBF	= \$ 3,638.50
YEL. BIRCH	\$ 184.00/MBF	10.00 MBF	= \$ 1,840.00
BEECH	\$ 40.00/MBF	26.30 MBF	= \$ 1,052.00
P. BIRCH	\$ 209.00/MBF	5.70 MBF	= \$ 1,191.30
BLK CHERRY	\$ 173.00/MBF	.50 MBF	= \$ 86.50
<u>PULPWOOD</u>			
BEECH	\$ 10.90/CORD	326.00 CORDS	= \$ 3,553.40
P. BIRCH	\$ 11.95/CORD	348.00 CORDS	= \$ 4,158.60
MIX ASPEN	\$ 14.00/CORD	8.00 CORDS	= \$ 112.00
SUBTOTAL 2			\$ <u>15,632.30</u>

SUBTOTAL 1 + SUBTOTAL 2 = TOTAL BID VALUE \$ \_\_\_\_\_

\*These volumes are statistically estimated within plus (+) or minus (-) 13.01%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

\_\_\_\_\_  
(bidder's printed name)

\_\_\_\_\_  
(bidder's signature)

Address/Telephone \_\_\_\_\_

THE WINNING BIDDER MUST COMPLETE THE FORM ON THE REVERSE SIDE  
WITHIN 21 DAYS OF SALE AWARD



**TIMBER SALE**  
**VERIFICATION OF WORKER'S DISABILITY**  
**COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 525 of Act 451 of 1994, as amended.*

**FOR DEPARTMENT USE ONLY**

Sale Number (XX - XXX - XX - XX)

Forest Management Unit:

**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 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 that 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 that 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 DNRE 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