

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

#### **TIMBER SALE PROSPECTUS #7381**

# REVISION NOTICE #1 - February 13, 2024

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on Tuesday, March 12, 2024 LOCATION: GAYLORD MGMT UNIT, 1732 West M 32, Gaylord, MI 49735

This prospectus has been modified with the following changes.

The sale conditions for the **C 48 Hardwoods** timber sale (52-005-23) have been updated. Please use the attached sale conditions when bidding on this sale and disregard the original sale conditions sent with the prospectus.

#### **UPDATED:**

Spec 2.1.3 - Within Payment Unit(s) 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all beech which meet minimum piece specifications are designated for cutting, unless marked with pink paint. Also, within regeneration gaps marked by teal paint, all trees over 6 feet in height are to be cut.

# ORIGINAL:

Spec 2.1.3 - Within Payment Unit(s) 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In Regeneration Gaps marked by teal paint, all trees over 6 feet in height are to be cut.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Lucas Merrick at 989-732-3541.

#### **Sale Specific Conditions & Requirements**

Sale Name: C 48 Hardwoods Sale Number: 52-005-23 Seq#: 1

#### 1 - Sale Area

#### 1.2 - Boundaries

# 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by teal, red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Regeneration gaps are marked by teal 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) 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all beech which meet minimum piece specifications are designated for cutting, unless marked with pink paint. Also, within regeneration gaps marked by teal paint, all trees over 6 feet in height are to be cut.

#### 2.2 - Utilization

# 2.2.5 - Limbed tree skidding (1/09)

The skidding of whole trees or tree segments with limbs attached is prohibited unless approved by the Unit Manager or his/her representative.

#### 3 - Payments

# 3.3 - Pre-measured Sales

# 3.3.4 - Dividing payment units (7/14)

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

#### 3.4 - Damaged Timber

# 3.4.1 - Damaged timber (7/16)

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

No damage is acceptable to undesignated live 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.

# 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.

# Sale Name: C 48 Hardwoods Sale Number: 52-005-23 Seq#: 1

# 4.1.4 - Timber removed for construction (3/23)

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 contract prices or average prices, if not on the contract.

#### 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. Contact the sale administrator for specific details of design and placement.

#### 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

# 5.2 - Conduct of Operations

# 5.2.1 - Slash

### 5.2.1.8 - Slash height (12/08)

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

# 5.2.2 - Hazard Trees/Snags

#### 5.2.2.1 - Den trees (10/16)

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

# 5.2.3 - Operating Restrictions

#### 5.2.3.3 - Bark slippage restriction (3/09)

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

# 5.2.32 - Decking/landing restoration (9/13)

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

#### Sale Name: C 48 Hardwoods Sale Number: 52-005-23 Seq#: 1

5.2.40 - Pathway protection (10/10)

The Hiking trail is shown on the Timber Sale Map. Do not cut trees or damage posts with blue 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.

#### 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. 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. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. 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 10 feet of the snowmobile trail must be cut at ground level.

#### 5.4 - Soil Protection

# 5.4.1 - Rutting restriction, general (7/16)

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

# 5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

# 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of raptor nests (3/13)

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

# 6 - Safety and Fire Prevention

#### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

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

# 6.2.2 - Snowmobile trail posting (10/20)

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

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Sale Name: C 48 Hardwoods Sale Number: 52-005-23 Seq#: 1

6.2.3 - Recreational trail posting (10/20)

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



# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7381

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on March 12, 2024. LOCATION: GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.

CONTACT NAME: Lucas Merrick PHONE NUMBER: (989) 732-3541

<u>PROSPECTUS NOTE:</u> 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, GAYLORD MANAGEMENT UNIT, for certain timber on the following described lands:

Hollywood Mix (52-106-23) / T35N, R01E, SEC. 22, S1/2SW.

T35N, R01E, SEC. 27, N1/2NW,SENW.

Cheboygan County, Advertised Price \$48,961.95, 59.6 Acres, Hardwood, Red Oak.

SALE NOTE: Oak wilt seasonal harvest restriction and ORV trail specs applied.

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.

#### TIMBER SALE INFORMATION

# Hollywood Mix (52-106-23) T35N, R01E, SEC. 22; T35N, R01E, SEC. 27.

Cheboygan County (Advertised Price \$48,961.95)

SALE NOTE: Oak wilt seasonal harvest restriction and ORV trail specs applied.

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

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVERTISED PRICE	
Sawtimber				
B. T. Aspen	42.0	MBF	\$	64.00 / MBF
Basswood	2.8	MBF	\$	92.00 / MBF
N. White Cedar	2.7	MBF	\$	66.00 / MBF
Paper Birch	2.6	MBF	\$	55.00 / MBF
Quaking Aspen	8.1	MBF	\$	64.00 / MBF
Red Maple	9.9	MBF	\$	185.00 / MBF
Red Oak	159.1	MBF	\$	110.00 / MBF
Red Pine	19.8	MBF	\$	134.00 / MBF
Sugar Maple	2.5	MBF	\$	317.00 / MBF
Pulpwood				
Balsam Fir	21	Cords	\$	20.50 / Cord
Mixed Aspen	28	Cords	\$	23.70 / Cord
Mixed Hardwood	190	Cords	\$	21.85 / Cord
N. White Cedar	12	Cords	\$	18.25 / Cord
Red Oak	195	Cords	\$	39.45 / Cord
Red Pine	31	Cords	\$	51.40 / Cord
White Pine	199	Cords	\$	37.95 / Cord
White Spruce	5	Cords	\$	19.15 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 16.83 percent. There are an estimated 1,286 cords on this timber sale, plus or minus 217 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$2,448.10 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

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PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALU
01	13.4%
02	14.5%
03	72 1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

#### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

# **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM	
101,576	1,286	16.83%	1,069	1,502	

#### **VDU VOLUMES**

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
76	20,409	258	44.22%	144	373
80	17,965	227	34.16%	150	305
83	63,202	800	23.90%	609	991
TOTAL:	101,576	1,286		903	1,669

# **VDU TO PAYMENT UNIT**

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

TOTAL:	59.6		59.6
83	38.9	3	38.9
80	8.5	2	8.5
		2	0.4
76	12.2	1	11.8
VDU	VDU ACRES	PU	PU ACRES

# **DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	11.8	MBF	11.8	\$6,543.70
	N. White Cedar		2.6	MBF		
	Paper Birch		2.5	MBF		
	Quaking Aspen		5.9	MBF		
	Red Maple		7.6	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Balsam Fir		9	Cords		
	Mixed Aspen		8	Cords		
	B. T. Aspen		7	Cords		
	Quaking Aspen		1	Cords		
	Mixed Hardwood		142	Cords		
	Paper Birch		15	Cords		
	Red Maple		121	Cords		
	Sugar Maple		6	Cords		
	N. White Cedar		12	Cords		
2	B. T. Aspen	Sawtimber	30.2	MBF	8.9	\$7,079.45
	Basswood		2.8	MBF		, ,
	N. White Cedar		0.1	MBF		
	Paper Birch		0.1	MBF		
	Quaking Aspen		2.2	MBF		
	Red Maple		2.3	MBF		
	Red Oak		9.7	MBF		
	Sugar Maple		2.5	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Balsam Fir	Sawtimber	1.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen	i uipwood	20	Cords		
	B. T. Aspen		19	Cords		
	Quaking Aspen		19	Cords		
	Mixed Hardwood		48	Cords		
			2	l		
	Basswood			Cords		
	Paper Birch		1	Cords		
	Red Maple		31	Cords		
	Sugar Maple		14	Cords		
	Red Oak		4	Cords		
	White Pine		14	Cords		
	White Pine	Sawtimber	5.1	MBF		
	White Pine	Pulpwood	4	Cords		
	White Spruce	0	5	Cords	00.0	#CE 000 00
3	Red Oak	Sawtimber	149.4	MBF	38.9	\$35,338.80
	Red Pine		19.8	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Balsam Fir		5	Cords		
	Red Oak		191	Cords		
	Red Pine		31	Cords		
	White Pine		185	Cords		
	White Pine	Sawtimber	45.4	MBF		
	White Pine	Pulpwood	94	Cords		
			240.5	MBF		
		TOTAL:	249.5	IVIDE		

# Sale Specific Conditions & Requirements

Sale Name: Hollywood Mix Sale Number: 52-106-23 Seq#: 1

#### 1 - Sale Area

#### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (9/19)

The sale boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines adjacent to private property are marked with blue paint. Exterior sale boundary lines adjacent to state-owned land are marked with red paint. Payment Unit boundary lines are marked with yellow paint. Trees marked with yellow paint should remain standing until both adjacent payment units are paid for. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to remain unharvested.

#### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH except hemlock and red oak, or any potential legacy tree 26"+ at DBH. These trees will function as single tree retention.

Within Payment Units 2 and 3, cut all trees that are two (2) inches or larger at DBH except incidental hemlock or any potential legacy tree 26"+ at DBH. These trees will function as single tree retention. Also in Unit 2, any trees marked with a band of green paint shall be felled and left intact on the ground to function as wildlife habitat trees (See spec. 5.2.4.1). These trees should be felled last, after surrounding trees have been felled and skidded to the landing area.

Also, retention areas are found within Units 1 and 3, are shown on the timber sale map, and the boundaries are marked with red paint. No harvesting equipment is to operate within their boundaries.

#### 2.2 - Utilization

#### 2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. Retain on site between 1/6 and 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter). This is because forest certification biomass retention requirements.

#### 3 - Payments

#### 3.3 - Pre-measured Sales

### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 - 3 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit. No harvest activities may take place until the producer returns the signed amendment to the Unit Manager.

### 4 - Transportation

#### 4.1 - Construction

# 4.1.3 - Slash and earthen piles (8/04)

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

#### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental

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

#### 4.1.7 - 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.

#### 4.1.8 - Road work (1) (8/07)

All forest trail roads and county roads within or adjacent to the timber sale should remain passable to vehicle traffic for the duration of harvest activities

#### 4.3 - Public Right-of-Way

# 4.3.2 - County R-O-W (12/06)

The county must be contacted prior to crossing or harvesting in the county road R-O-W.

#### 5 - Operations

#### 5.1 - Notification

# 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any harvest operations to discuss contract specifications and to determine landing and road locations.

#### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

#### 5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red or blue paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

# 5.2.2 - Hazard Trees/Snags

#### 5.2.2.1 - Den trees (10/16)

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1 - 3, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

#### 5.2.4 - Dead and Down Creation

#### 5.2.4.1 - Dead and down creation, marked trees (10/13)

In Unit 2, all trees marked with a band of green paint must be left until all merchantable timber has been cut and taken to the landing. At which time, they are to be cut, felled, and left on the ground. If more than one tree is marked next to another, fall them so their tops or trunks overlap. This will facilitate snowshoe have habitat. These trees have been taken off the timber tally.

# 5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species. Also, protect any areas of concentrated aspen and oak saplings from damage from harvest equipment.

#### 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, including slash and stumps, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge. Piles of topsoil should be spread out evenly.

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

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail. Skidding locations across the ORV trail should be minimized to reduce the areas of potential damage.

#### 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 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

#### 6.2.1 - Road posting (10/20)

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

#### 6.2.3 - Recreational trail posting (10/20)

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

Section Name: Sale Specific Current as of 8/9/2023 11:35:53AM

DNR DNR
C. MICHIGHT. 52

D = Treed Bog E = Swamp Hardwoods F = Spruce/Fir

G = Grass

= Hemloc

Michigan Department of Natural Resources - Forest Resources Division

TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number

Year

52-106-23 2023

Forest Management Unit County Mapped By Page GAYLORD - NORTH Compartment Number 52208 CHEBOYGAN Cruised By STACKS Range Township Subdivision(s) T35N 225½ SW 27 N½NW SENW Density ROIE

Cover Type A = Aspen B = Paper Birch C = Cedar

N = Marsh

MD = Mixed Deciduous

J = Jack Pine K = Rock L = Lowland Brush LM = Lowland Mix Forest R = Red Pine

P = Lowland Poplar Q = Mixed Swamp Conifer M = Maple, Beech, Birch S = Black Spruce
MC = Mixed Conifer T = Tamarack

U = Upland Brush UM =Upland Mix Forest V = Bog or Marsh W = White Pine X = Non Stocked Y = Sand Z = Water

0 = Non Stocked

1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor

5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well

HOLLYWOOD MIX CHEBOYGAN COUNTY 59.6. ACRES P.V. ACRES 1 11.8 SALE BOUNDARYS PVT. PUBLIC (RED) . Ma 8.9 PRIVATE(BLUE) - \*\*\*\* PRIVATE PAYMENT UNITS PMU (VELLOW) -00000 3 <u>38,9</u> P.U. NUMBER -59:6 HWY. COUNTY ROAD - ==== SEASONALC. R, - ---नियं कि FOREST TRAIL ROAD ORY TRAIL- SE RETENTION AREA - ( PRIVATE OME SANGLER DANGLER DONGLER P3 · -84,298311 45.391920 0:5 0.25 0 Miles