

**Timber Marking Prescription
General**

Date: 08/12/2002

Forest Management Unit: Traverse City/Kalk

Timber Sale Number Sale Name: Poplar Lake Hardwood

Local Contact: Ken Rouston Tx (231) 258-2711 FAX : (231) 258-9471 email: roustonk@michigan.gov

Map of Project Area Attached

Legal Description:

T28N R5W Section(s) 28 Description SE1/4; S1/2NE; S1/2SW; NE/SW

T R Section(s) Description

Year of Entry: 2000 Compartment(s):108 Stand Number(s): 59

This timber sale preparation contract is based on the following acreage:

Estimated Acres: 193 source OI GPS Other **OI acres used**

Payment will be made on the basis of these estimated acres.

Treatment & Objectives:

Stand nbr	Cover Type	Acres	BA / Acre	Treatment	Management Objective
59	M6	193	120	Thinning	N. Hardwoods

Prescription:

1. Select mark, reduce stand basal area to 80-90 square feet. Follow "Complete Marker" guidelines. Use "Big Tree" marking guidelines in the sale where applicable. Retain snags and as much coarse woody debris as possible.

Access: See map for roads and trails.

DNR preparation work to be done prior to contract work: Estimated date:

Paint lines and GPS mapping of sale area.	1/1/03

Contract work can begin:

Immediately

Date: 1/1/03

Contract work must be completed by: Date 8/1/03

Paint Line Work

This is bid item

This is not a bid item

Paint line work to be performed. See attached map for locations.

Type of line	Work to be done	Not applicable	Paint color
Private boundary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Blue Other:
Sale boundary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Red Other:
Sale cutting unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

Trees marked to leave	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green	Other:
Trees marked to cut	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Orange	Other:

Exclusions to mark and why:

Standards for marking lines against private land:

Area calculation:

Unit	Method	Standard
Sale		
Payment unit		
Stand		

Special Instruction:

Timber Cruising Specifications

This is a bid item

This is not a bid item

Required Basal Area Factor: 10 20 Other:

Cruise Line Direction: To be determined after assessment of traverse map and by agreement between the contractor and the contract administrator.

Cruising Units	Number of plots per acre	Spacing (chains)
Stand 59		4 X 5
		X
		X
		X
Total Number of Cruise Points	Minimum of 90	

Cruise Special Instructions:

Follow the rule by Beers and Miller for # of points per acre for each stand. Cruise pulpwood, listing all species separately.

Unless otherwise specified, the tally sheets use must be those supplied by the Management Unit.

Timber Marking Specifications

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Precise specifications to be delineated at pre-work meeting with DNR staff.

Total Residual BA (Basal Area): 85[Minimum 80 to Maximum 90]

Treatment	Number	Size
Regeneration gaps per acre	n/a	
Girdled Trees per acre	n/a	

	Marking symbol	Minimum DBH	Top DIB
Sawlogs	dots w/slash 2 sides	10	8
Sawbolts			
Pulpwood	slash both sides	4	

Tally intensities

Species / product	Ratio:
Sawlogs	1 : 1
	1 :
	1 :
	1 :

Species to favor: Best future crop tree in place.

Species to reduce:n/a

Special Marking Instructions:

To be discussed at the pre-work meeting with the contract administrator. We will be following the statewide hardwood marking guidelines. Typical winter snow depths in this area of Kalkaska County make marking during winter months impractical because stump marks cannot be applied adequately.

Unless otherwise specified, the tally sheets used must be those provided by the Management Unit.

Restrictions: We wish to be able to identify who did what on our sales. You may not have more than two markers in one payment unit without approval. Each marker should have an assigned area to mark (not strips).

Paint: Call Ken Rouston to make all paint arrangements. Paint will be supplied from (location) Kalkaska. Contractors work schedule must coincide with the DNR work schedule for paint supply. The DNR will not deliver paint on weekends or evenings.

Deliverables:

1. A list of who marked (cruised) each payment unit (names)
 2. A summary of paint used (in quarts)
 3. Tally summaries for each payment unit, (one summary regardless of the number of markers) and all of the original tally sheets.
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