

Timber Marking Prescription Template General

Date: 08/15/2002

Forest Management Unit: Gwinn

Timber Sale Number 32-101-03-01 Sale Name Mangum 24 Hardwood Sale.

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Map of Project Area Attached

Legal Description:

T47N R23W Section(s) 24 Description SW1/4

Year of Entry: 2003 Compartment(s):289 Stand Number(s): 4

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

Estimated Acres: 107 source OI GPS Other Estimated not actual.

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

Treatment & Objectives:

Stand nbr	Cover Type	Acres	BA / Acre	Treatment	Management Objective
289	M6	107	120	Thinning	Northern Hardwoods

Prescription:

1. Favor the best crop tree in place, regardless of species.
2. Reduce stand basal area to 70 to 90 square feet per acre.
3. Retain the minor species component of stand, ie. cedar, hemlock, pine, spruce.
4. Retain 3 to 6 wildlife trees per acre.

Access: Established.

DNR preparation work to be done prior to contract work:

Estimated date:

Sale boundary line (red).	
Unit boundary lines (yellow).	

Contract work can begin:

Immediately

Date: 10/1/02

Contract work must be completed by: Date **08/15/03**

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:

Cruising Units	Number of plots per acre	Spacing (chains)
2	1	2.5 X 4
		X
		X
		X
Total Number of Cruise Points	107	

Cruise Special Instructions:

All marked pulpwood trees will be cruised using the Carlson Method. Sawtimber trees will be a 100% tally.

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): 80[Minimum 70 to Maximum 90]

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

	Marking symbol	Minimum DBH	Top DIB
Sawlogs	slash and dots	10	9

Sawbolts			
Pulpwood	dot	5	4

Tally intensities

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

Species to favor: Best tree in place

Species to reduce:none

Special Marking Instructions

Stump marks must extend from ground level to at least one foot up the stump. If moss surrounds the base of the tree, it must be scraped off where the stump mark will be made. Bole marks, (two are required), must be made on opposite sides of the tree and should be at or above Dbh. Sawtimber trees will be marked with a slash and one dot for every 100" sawlog tallied.

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 Gwinn Field Office to make all paint arrangements. Paint will be supplied from (location) Gwinn or Ishpeming Office. 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.
4. GPS files for any GPS work done.