

Timber Marking Prescription Template General

Date: 02/24/2003

Forest Management Unit: Cadillac

Timber Sale Number 63-015-03-01 Sale Name Addmore Hardwoods

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Map of Project Area Attached

Legal Description:

T24N R7W Section(s) 28,29,32,33 Description multiple

Year of Entry: 2003 Compartment(s):117 Stand Number(s): 43,51,52,67,70,71

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

Estimated Acres: 212 source OI GPS Other

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

Treatment & Objectives:

Stand nbr	Cover Type	Acres	BA / Acre	Treatment	Management Objective
43	M6	40	130	Selection	Northern Hardwood
51	A6	14	100	Final Harvest	Aspen, Oak
52	M6	43	130	Selection	Northern Hardwood
53	M6	115	130	Selection	Northern Hardwood

Prescription:

1. For all M6 stands, All aspen and ironwood will be removed by prescription, no marking needed for these species. Mark for best quality tree in place, sugar maple, oak, basswood, white ash, red maple, beech and yellow maple. Reduce basal area to between 75 and 90 square feet.

2. For Aspen final harvest units, cut all species except oak, these areas will need to be marked out and gps'd.

3.

4.

Access: Via state two-tracks

DNR preparation work to be done prior to contract work:

Estimated date:

Boundaries and sale acres competed	

Contract work can begin:

Immediately

Date:

Contract work must be completed by: Date 8/15/03

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 checked="" type="checkbox"/>	<input type="checkbox"/> Blue	Other:
Sale boundary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Red	Other:
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yellow	Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other:
Trees marked to leave	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Green	Other:
Trees marked to cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange	Other:

Exclusions to mark and why: Be on the look-out for hawk's nests

Standards for marking lines against private land: n/a

Area calculation:

Unit	Method	Standard
Sale		
Payment unit		
Stand	GPS or equiv.	DNR

Special Instruction: GPS Files will be needed to update map, this applies only to the aspen final harvest areas.

Timber Cruising Specifications

This is a bid item

This is not a bid item

Required Basal Area Factor: 10 20 Other:

Cruise Line Direction: variable

Cruising Units	Number of plots per acre	Spacing (chains)
Aspen final harves	1	3 X 3
Hardwood Selection	2	5 X 5
		X
		X
Total Number of Cruise Points	variable	

Cruise Special Instructions:

Total tally cruise on Hardwood Selection Units for logs as you mark. Point tally cruise on aspen areas and hardwood pulp cruise.

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

Timber Marking Specifications

This a bid item

This is not a bid item

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

Total Residual BA (Basal Area): 80[Minimum 75 to Maximum 90]

Treatment	Number	Size
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Regeneration gaps per acre	variable	variable
Girdled Trees per acre	none	

	Marking symbol	Minimum DBH	Top DIB
Sawlogs	slash and dots for logs	11	9
Sawbolts	na		
Pulpwood	slash	5	4

Tally intensities

Species / product

Ratio:

Mxd Hdws/sawlogs	1 : 1
	1 :
	1 :
	1 :

Species to favor: Sugar Maple, Oak, Ash, Basswood, Beech, yellow birch

Species to reduce:red maple

Special Marking Instructions

Gaps may or may not be necessary depending upon stand conditions.

Two-sided paint marks for cut trees with stump mark on both sides.

Before marking begins, consult with sale administrator.

Paint pick-up will be contractor duty, no deliveries, no weekend pick-ups.

Put in double-sided paint line around aspen final harvest areas before marking.

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 the Manton Field Office to make all paint arrangements. Paint will be supplied from (location) Manton. 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.