



TIMBER SALE PRESCRIPTION

GENERAL

Date 03/05/08	Forest, Mineral and Fire Management Unit Cadillac
Timber Sale Number (if applicable) 63-013-08-01	Sale Name (or prescription name) Blue Valley Hardwoods

LOCAL CONTACT

Name Andy Church	Telephone (231) 775 - 9727 X6047
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Map of Project Area Attached

LEGAL DESCRIPTION

T24N R6&7 Section(s) 30,26 Description T24N R07W E1/2 Sec.26, T24N R06W W1/2 Sec.30

Year of Entry: 2008 Compartment(s):116 Stand Number(s): 49,110

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 320 Source: OI GPS Other _____

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

TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
49	M6	103	120	Thinning	Northern Hardwoods
110	M6	217	150	Thinning	Northern Hardwoods

PRESCRIPTION

1. Stand 49: Mark to 80 Residual Basal Area.
2. Stand 110: Mark to 90 Residual Basal Area.
3. All Aspen and Ironwood is to be harvested: no marking of these species necessary.
4. Do not cut Hemlock.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Access State Forest Roads.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Private Boundary	03/01/2008
Sale Boundary	03/01/2008

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 09/30/2008

PAINT LINE WORK

This is included in the bid This is not included in the bid

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	<input type="checkbox"/> Other:
Sale boundary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

Exclusions to mark and why

Standards for marking lines against private land

AREA CALCULATION

This is included in the bid This is not included in the bid

UNIT	METHOD	STANDARD
Sale	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Payment Unit	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions:

TIMBER CRUISING SPECIFICATIONS

This is included in the bid This is not included in the bid

Required Basal Area Factor: 10 20 Other:

Cruise Line Directions Straight Cardinal Direction

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
49	.67	3 X 5
110	.50	4 X 5
		X
		X
TOTAL NUMBER OF CRUISE POINTS	69(St49)+109(St110)= 178	

Cruise Special Instructions:

Cruise marked trees, Aspen and Ironwood.
Cruise logs in Aspen to an 8 inch DIB.
Marked Hardwood Sawlog Trees will be Talled.

Unless otherwise specified, the tally sheets used must be those supplied by the Forest, Mineral and Fire Management Unit.

TIMBER MARKING SPECIFICATIONS

This is included in the bid This is not included in the bid

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

Total Merchantable Residual BA (Basal Area) Stand 49: 80 (Minimum 70 to Maximum 90)

Total Merchantable Residual BA (Basal Area) Stand 110: 90 (Minimum 80 to Maximum 100)

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre		Where needed	30 ft.
Girdled Trees Per Acre		Where needed	
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	Single Slash with Dots	10.0"	8.0"
Sawbolts			
Pulpwood	Single Slash	5.0"	4.0"

TYPE OF WORK	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR
Trees marked to leave	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Green <input type="checkbox"/> Other
Trees marked to cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange <input type="checkbox"/> Other

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
Hardwood Sawlogs	1 : 1
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS
 Slash marks and dots on trees will be placed at eye level, and on opposite sides of each tree. Paint dots on marked Hardwood sawlog trees represent number of 8 foot sawlogs. Trees designated for girdling shall be marked with the capital letter "G" on opposite sides and no stump mark.

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

RESTRICTIONS

1. Forest, Mineral and Fire Management Division must to be able to identify who did what on the timber sale.
2. The contractor may not have more than two markers in one payment unit without prior approval.
3. Each marker should have an assigned area to mark (not strips).

PAINT

1. Call the Manton Field Office at (231) 824 - 3591, to make arrangements for paint.
2. Paint will be supplied from the Manton Field Office.
3. Contractor's work schedule must coincide with the DNR work schedule for paint supply.
4. The DNR will not be available on weekends or evenings.

DELIVERABLES

1. A list of names that marked or cruised each payment unit.
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.