



TIMBER SALE PRESCRIPTION

GENERAL

Date 12/20/12	Forest Resources Division Management Unit Traverse City
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 134

LOCAL CONTACT

Name Steve Crigier	Telephone (231) 258 - 2711
Email Address crigiers@michigan.gov	FAX (231) 258 - 9471

Map of Project Area Attached

LEGAL DESCRIPTION

T25N R5W Section(s) 4 Description SE1/4, E1/2SW

Year of Entry: 2013 Compartment(s):134 Stand Number(s): 29, 32

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 97 Source: OI GPS Other Ifmap

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

TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
29	R6	95	180	Thinning	Red pine(plantation)
32	R9	2	180	Thinning	Red pine (natural)

PRESCRIPTION

1. Mark the trees that are to be harvested.
2. Thin from below, targeting trees to cut that are suppressed, have forked top, or have other poor form.
3. The target residual basal area is approximately 130sqft/ac.

Access Stands can be accessed off Military and King Rd.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
paint and GPS stand boundaries	03/31/2013

CONTRACT WORK CAN BEGIN

Immediately Date: 04/01/2013

CONTRACT WORK MUST BE COMPLETED BY Date: 09/01/2013

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:

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
		x
		x
		x
		x
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

Unless otherwise specified, the tally sheets used must be those supplied by the Forest Resources Division 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): 130 (Minimum 120 to Maximum 140)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre: Girdled Trees Per Acre:		
PRODUCT	MARKING SYMBOL	MINIMUM DBH
Sawlogs	Slash and dots on 2 sid	9.1''
Sawbolts		
Pulpwood	slash on 2 sides	4.6''

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
Red pine sawlogs	1 : 1
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS:

Mark with an orange slash on 2 sides of tree at breast height; also butt-mark each marked tree so mark extends to the ground. On Log trees mark the tree with a slash and above the slash put the number of dots that correspond with the number of logs tallied in that tree. Also, note that stand was row thinned 1995 and this is the second thinning for the stands. For more specific instructions contact sale administrator.

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

RESTRICTIONS

1. Forest Resources 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 Steve Crigier at (231) 258 - 2711, to make arrangements for paint.
2. Paint will be supplied from Kalkaska 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.