

CONTRACTOR PRESCRIPTION
 Clare County, T18N R6W Section 8
 Compartment 16, Stands 9,56,58,59,71,75,174
Sale Name: M115 Red Pine
Sale Number: 007-03-01
 Approximately 71 Acres – Thinning

DESCRIPTION OF TIMBER: This sale consists of seven red pine stands most of which have been previously thinned and one stand which has not been thinned. The terrain is basically flat to gently rolling and is on mostly high/dry ground. These stands contain good to high quality red pine pulpwood and sawlogs with the potential to produce red pine utility poles. Row arrangement in these stands is very haphazard. Some have straight rows with sufficient width for harvesting operations. Other places have narrow, curvy intermittent rows. These areas will need to have rows marked for access. **(ALL MARKED TREES NEED TO BE MARKED WITH A SLASH MARK ON BOTH SIDES OF THE TREE)**

TREATMENT OBJECTIVES: All these stands will be managed for both red pine saw-logs and utility poles. They will need to be marked so as to be operable for whole tree skidding. Specific details of current and residual basal area for each stand and specific cutting specifications are given below.

BOUNDARIES AND AREA: The stand boundaries and approximate unit/treatment boundaries are shown on the attached compartment map. It will be the contractors' responsibility to paint in the sale boundaries using red paint and then determine the acreage of the stand (treatment unit) using GPS or hip chain. Note: The sale boundaries along M-115 should NOT be marked with red paint.

MARKING AND/OR CRUISING TASKS (All Stands):

1. Mark all red pine trees to cut using orange paint leaving the proper residual BA of the healthiest and best quality trees as specified below. Use stump marks on all trees marked.

STAND NUMBER	BASAL AREA		STAND CUTTING SPECIFICATIONS
	CURRENT	RESIDUAL	
9	200	120	mark rows for access/mark trees within rows
56	170	120	remove all scotch pine/mark rows for access/mark trees within rows
58	180	120	mark rows for access/mark trees within rows
59	190	120	mark rows for access/mark trees within rows
71	200	120	remove every 4th row and all scotch pine
75	200	120	remove all aspen & cherry/mark rows for access/mark trees within rows
174	270	160	mark to remove 2 rows and leave 3 rows

2. In Stands 56, 71, and 75, all hardwoods and/or scotch pine will be harvested and need not be marked. However, if marking these species will help in determining which rows will be removed for access, these species may be marked also.
3. Focus on creating access in those areas which have not been thinned or where rows are narrow and twisted. If sufficient access is already present, then concentrate on marking trees within rows to obtain the correct residual basal area.
4. Characteristics for marking trees in order of importance are as follows:
 - A. Create rows where necessary in order to facilitate logging.
 - B. Mark high risk and potential high risk trees (i.e. damaged, diseased)
 - C. Mark trees with no potential to ever produce a saw-log or utility pole.
 - D. Mark trees with defect such as rot, sweep, forks, or trees with multiple stems
 - E. Find "best trees" for crop trees and mark to remove two or three of its closest crown competitors.
5. After marking is complete, cruise all hardwoods, scotch pine, and marked red pine using the point sampling method, according to the DNR-FMFMD cruising standards. Put in 1 plot per acre and record residual basal area for each plot.

ADDITIONAL CONTRACTOR'S TASKS:

1. Prepare cruise data on approved forms suitable for entry into the Timber Sale PC program.
2. Submit area determination in the appropriate form – either a GPS file OR traverse computations and map.
3. Prepare a record of paint used for each stand.
4. Submit timber sale map and a map showing the locations of cruise plots for the cumulative tally cruise.
5. Above items and all other required data must be submitted in final form by August 29, 2003.

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