

PRESOLICITATION HORSE THIN

General Stand Thinning, DxD

<i>Unit</i>	<i>Designated Species</i>	<i>DxD Spacing (ft)</i>	<i>Target Basal Area Range (ft.²/ac.)</i>	<i>Designated DSH Limits (min –max inches)</i>
5	<i>Douglas-fir/Pacific silver fir</i>	16	110-130	7.0 – 24.0
	<i>western hemlock</i>	16		
6	<i>Douglas-fir/Pacific silver fir</i>	16	110-130	7.0 – 28.0
	<i>western hemlock</i>	16		
	<i>western hemlock</i>	14		

Designated Species – These are species to be removed if they are within the diameter limit. All other tree species are to be left, as are all trees outside of the diameter limits (except on landings, skid trails and temporary roads).

DSH – Diameter Stump Height is 6.0 inches on the uphill side. DSH limits were derived from model projections of the largest diameter trees in the stand as well as calculated from field observations.

DxD Spacing – Designation by Description Spacing is the minimum spacing to be left between designated tree species within diameter limits. Measured slope distance between the closest edges of the trees at stump height. All distances have been adjusted for slope.

The body of the harvest unit (not including no-cut areas and gaps,) will be thinned via Designation by Description (DxD) that uses spacing, diameter limits, and designated cut species.

Note: In Units # 5 and 6 there are three cut species, Douglas-fir (DF), Pacific silver fir (SF) and western hemlock (WH) where DF and SF is only cut in relation to DF and SF and WH is only cut in relation to WH. Meaning largest diameter DF or SF cuts only other, smaller DF and SF, and largest diameter WH only cuts other WH.

All trees, outside of diameter limits regardless of species are not to be used for cutting anything, whether in gaps or otherwise. All trees of other species than WH, SF, NF and DF will also not be used for any measurements or cutting.

Thinning is from below, leaving the largest diameter designated tree species and removing all the smaller diameter, designated tree species, which are closer than the minimum spacing.

All designated species above and below the diameter limits and all non-designated species regardless of size are not considered in the spacing. They are “ghost” trees. Any trees painted for leave as boundary trees are considered for spacing.

Table 2--No-Cut Areas and Created Gaps (embedded spreadsheet)

Unit	Gross Stand Ac	Net Unit Ac	Within Unit No-Cut	Created Gaps		
			# of 1/4 Acre Skips	1/8 Acre	1/5 Acre	1/4 Acre
5	20	14	0			4
6	40	31	0		12	

Single Leave Trees : Leave an additional single tree within the perimeter of a created gap area (see below) with a single band of orange in addition to the center tree.

Created Gaps (Table 2): For all units with gaps remove all designated tree species within the diameter limits (see Table 1) and leave all non-designated tree species and all trees outside of the diameter limits leaving all western redcedar, western white pine, Pacific yew, lodgepole pine and any hardwoods. Target gap locations in areas of lower stocking where stand complexity is already developing. Gaps designated by marking a center tree with two bands of pink. From center tree, a radius of 53 ft. provides a 1/5 acre gap and a radius of 59 ft. provides a 1/4 acre gap.