

Table 1. - Layer 1 Reserved Timber ¹											
Block	TU / HU	Selection Priority	Species	Size	Stems per Hectare			Distribution ²			
					Target	Minimum	Maximum	S	G	I	R
5	1		Fdi and Lw	>= 52.5cm dbh	14	9	19	X	X	X	X
5	1		Deciduous	All	95%	NA	NA	X	X	X	X
Additional Requirements: 1. Reserve trees may be felled for construction of roads, landings, trails or for worker safety. 2. Reserve trees that need to be felled harvested for safety, access or silviculture will be left on site for CWD. 3. The distribution of the retention is not expected to be even throughout the block as there are > 1ha areas that may not have any of the species prescribed for retention. 4. Reserve trees will be focused on trees that are of poor form (wofly), have broken tops and/or trees that would otherwise be left on site as CWD and or put in the debris pile.											
¹ Refer to <i>Appendix I</i> for <i>Table of Reserve Timber Abbreviations and Definitions</i>											
² Distribution Types: S: Single Trees, G: Groups of Trees, I: Irregularly Distributed, R: Regularly Distributed											
Note: Safety is a priority when conducting operations near reserved timber. Refer to TSL Schedule “A”, Section 2.00 regarding Dangerous Trees											

Table2. - Other Reserved Timber ¹											
Non-Merchantable											
Block	TU / HU	Location(s)	Species	Size	SPH or BAPH (m2)						
					Target			Minimum			
5	1	RMZ of S6-1 and S6-2	All except for Pli	Non-Pl >= 17.5cm dbh	>= 5 SPH			>= 1 SPH			
5	1	RMZ of S6-1 and S6-2	All except for Pli	Non-Pl <= 17.5cm dbh	All where practicable			NA			
Dead Trees to be Stubbed (where Mechanical Falling is utilized)											
Block	TU / HU	Species	Size	Stubbing Height	Stems per Hectare			Distribution ²			
					Target	Minimum	Maximum	S	G	I	R
5	1	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
Additional Requirements:											
Coarse Woody Debris											
Block	TU / HU	Species	Size	Number per Hectare		Distribution ²					
				Target	Minimum	S	G	I	R		
5	1	All except Fd and Sx	2 m long and 7.5 cm diameter	4	4	X	X	X	X		
5	1	All except Fd and Sx	2-5m long and 20cm diameter	4	4=1.24m3/ha	X	X	X	X		
¹ Refer to <i>Appendix I</i> for <i>Table of Reserve Timber Abbreviations and Definitions</i>											
² Distribution Types: S: Single Stems/Logs, G: Groups of Stems/Logs, I: Irregularly Distributed, R: Regularly Distributed											
As per FPPR Section 68, a minimum of 4 logs per hectare, each being a minimum of 2 m in length and 7.5 cm in diameter at one end must be retained in the block. As this block is located in the IDF (or MS), a minimum of 1.24m3/ha of CWD from a minimum of 4 logs per hectare, each being a minimum of 2 meters in length, but not greater than 5m in length with a minimum of 20 cm in diameter at one end in addition to the minimum 4 logs required for FPPR Section 68. To reduce Douglas-fir and spruce bark beetle susceptibility and spread, CWD is to be selected from dead/dry material and from species other than Douglas-fir or spruce, and stumps must be cut as low to the ground as possible.											
Note: Safety is a priority when conducting operations near reserved timber. Refer to TSL Schedule “A”, Section 2.00 regarding Dangerous Trees.											

RIPARIAN ASSESSMENT						
Block	Riparian I.D. and Class	RMA	SU	Width (m)	BA or SPH Retained	Comments (Indicate if in a Community Watershed)
5	S6-1	RMZ	1	20	>= 1 SPH	The majority of the RMZ is located within the block. This block is not within a Community Watershed. See additional Management Strategies below.
5	S6-2	RMZ	1	20	>= 1 SPH	The majority of the RMZ is located within the block. This block is not within a Community Watershed. See additional Management Strategies below.
Management Strategies: There are two streams (S6-1 and S6-2) and two NCDs (NCD-1 and NCD-3) within and adjacent to the harvest area of this block. Appropriate Riparian Management Zones (RMZs) have been identified for S6-1 and S6-2 as per the FPPR Section 47 (4). Appropriate Machine Free Zones (MFZs) and Riparian Management Zones (RMZs) have been identified on the SP and HP maps for these features as per the FPPR Section 47 (4). Where the RMZs of these streams overlap the harvest area it is flagged in the field with blue “Riparian Management Zone” ribbon. Where the MFZ of these streams overlap the harvest area it is flagged with blue “Machine Free Zone” ribbon a minimum of 5m on either side of the stream. The management objectives in this Site Plan will comply with the practice requirements for riparian classes as listed in Section 5.3.1.5 of the FSP and RMZ Retention requirements specified in the associated table. Retain >= 1 SPH of merchantable non-pine timber in addition to all non-pine non-merchantable stems and understory (<= 17.5 cm dbh) where practicable within the RMZ of S6-1 and S6-2 where the RMZ is within the harvest area of this block. The following recommendations should be followed, where practicable, when harvesting around the NCDs 1 and 3: - limit the number of crossings and maintain natural drainage post-harvest/site prep., - do not skid down the identified NCDs; - retain stubs along all NCDs for future reference; - fall away/yard away from the identified NCDs where safe to do so; - do not pile slash or site prep over the identified NCDs; - crossing rehabilitation is to include: scattering large CWD to minimize potential for cattle congregating and/or off-road vehicle damage.						

Safety Highlights:
Steep slopes (35-57% exist in places), some boulders and exposed surface rock exists throughout this block. Overhead hazards exist from snags and newly dead and dying beetle damaged lodgepole pine.
Harvest / Operational Constraints:
It is recommended that this block be scheduled for winter harvest on frozen ground or on deep snowpack in order to minimize damage to the integrity of the soils in this block. Steep slopes (35-57% exist in places), some boulders and exposed surface rock exists throughout this block. Bladed/excavated trails and/or hoe chucking may be required to harvest the steeper (> 35%) slopes. Challenging skidding exists throughout the block due to the amount of rock and NP Areas throughout the block. In order to minimize the risk of Lodgepole Pine Dwarf Mistletoe infection to the new regenerating Lodgepole pine within this block post harvest, the Licensee must cut all standing Lodgepole pine trees that are over 50 cm in height, during the harvest and/or post harvest operations.

Kootenay Business Area Field Marking Standards					I certify that the work described herein fulfills standards expected of a member of the Association of British Columbia Forest Professionals, and that I did personally supervise the work.	RPF'S SIGNATURE and SEAL
	Ribbon	Paint		Ribbon	Paint	
Harvest Boundary	BCTS Block Boundary	FC#	NCD & Stream Centers	Water Course		
Falling Corners			Road P-Line			Linden Priest, RPF RPF PRINTED NAME April 29, 2021 DATE SIGNED
WTRA Boundary	Reserve		Road Center Line	Road Centerline		
Reserve Boundary	Reserve		Landings	Landing		
Riparian Reserve Zone	Reserve		Road Right of Way	R/W Boundary		
Riparian Management Zone	Riparian Mgmt. Zone		Road RP			
Management Zone	Management Zone		Culverts	Culvert		
Treatment Unit Boundary	Treatment Unit Boundary		Designated Crossing	Crossing		
Reserve Trees			Culvert RP Outside Right of Way			
Machine Free Zone	//// Machine Free Zone ////		Tail Holds / Guyline / Intermediate Supports			
Cruising	Cruise Line	Plot Trees	Skid Trail / Back Spar Trail / Forwarding Trail	///// Trail /////		
Traverse Stations			Recce Ribbon / D-Line / Skyline Roads	////////////////		
SP Plot Location						