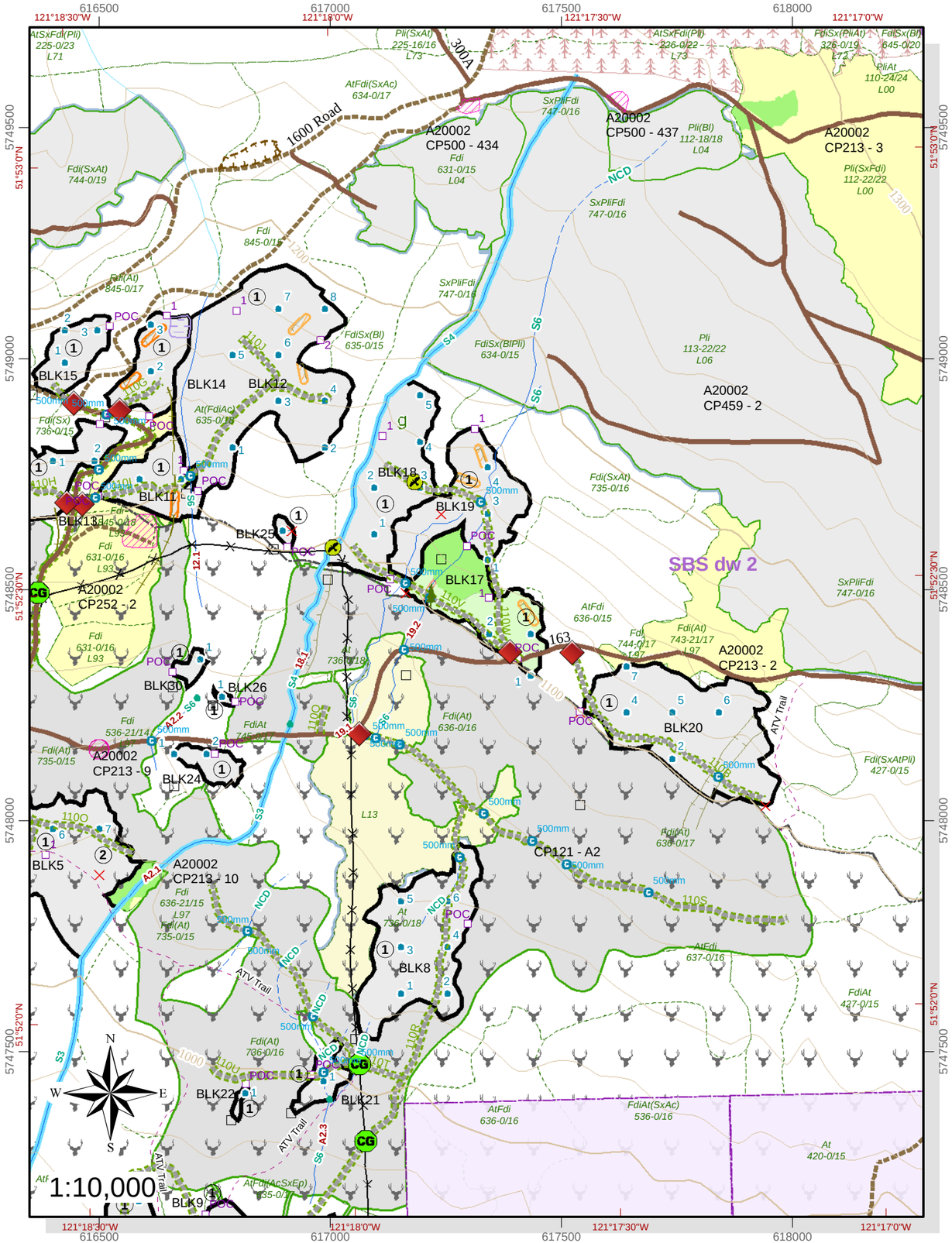


FSP SITE PLAN

West Fraser Mills, South Cariboo

Williams Lake office:
P.O. Box 4509
Williams Lake, B.C. V2G 2V5
Phone: (250) 392-7731

100 Mile House office:
P.O. Box 97
100 Mile House, B.C. V0K 2E0
Phone: (250) 395-8200

A20001 CP110 Block 17

Timbermark: ED1110
Road Permit Mark:
Region: RCB
District: DMH

Location: Timothy Lake
Operating area:
TSA/Supply Block: 23/F
Volume (m³): 783

Latitude: 51°52'27"N
Longitude: 121°17'45"W
UTM Zone: 10
Easting: 617,316
Northing: 5,748,430
Mapsheet: 92P084

Block Summary (all areas in hectares)

Net area to reforest:	Non-productive	Reserve	Total area under plan	Max. % Allowed for Perm. Access	Max. % allowed for Temporary Access Structures
2.3	UNN **0.4**	MAT WTP **1.6**	**4.3**	**9.3%**	**5%**

Standards Unit Summary

Standards Unit	Biogeoclimatic Information	site series	%	Treatment	Soil Type	Max. Allowable Soil Disturbance	Net Area to Reforest
①	**SBSdw2**	01	100	Forest operations are limited to conditions that are sufficiently dry or frozen to not exceed soil disturbance limits.	**L**	**10%**	**2.3**

Management Comments (safety, environment, riparian, access, etc.)

Objective: Even-aged (Not MDWR)
Roads and Landings: Barricade road at control points when no longer needed for access. Block road exceeds 7%. Keep the road width as narrow as practicable.
Steep Slopes: Map shows approximate location of steep slopes.
Sensitive Ground: Steep slopes
Forest Health: Broken pieces of Douglas-fir >20cm in diameter and >2.5m in length should be skidded to landing or roadside for disposal. Where practicable, landing/roadside disposal will take place before beetle flight the year following harvesting. Do not stub boundary trees.
Reserves: Mature aspen and birch if present in the stand. Up to 10% removal is allowed for safety considerations, road development, decking areas, and skidding.
- Douglas-fir > 67.5cm DBH is reserved. Up to 10% removal is allowed for safety considerations, road development, decking areas, and skidding.
- Protect Douglas fir regeneration to the extent practicable.
- Marked Wildlife Trees

Coarse Woody Debris: Reserve a minimum of 4 logs per hectare over 2 metres in length with one end diameter of 7.5 cm. Leave some unburned piles at the end of dead end spur roads.
Migratory Birds: Harvesting must occur outside of the nesting season (May1 to August 1) or an assessment completed prior to harvesting.

This Site Plan also covers all new off-block roads accessing this block, constructed by West Fraser under Road Permit (as identified on map).

Riparian notes

Riparian Class	RFI#	Management Strategies
S6	19.2	Retain naturally occurring ground vegetation, shrubs, non-merchantable stems, advanced regeneration and deciduous within 10m of the feature edge. A minimum of 5% of the RMZ area has been retained on the cutting permit area. **There is a 5m Machine Free Zone on each side of the stream.** Remove stream crossing when the road is no longer needed.
S6	19.1	RMZ is within a WTP. Remove stream crossing when the road is no longer needed.

- animal den
- nest
- wildlife tree
- danger tree
- archaeological site
- survey marker
- rock
- boundary station
- full plot
- count plot
- dropped plot
- PoC of cruise
- culvert
- cruise stripline
- ridge
- slope arrow
- slope breakline
- highway
- Forest Service Road
- mainline road
- trail
- proposed road
- existing road
- other road (TRIM II)
- external Site Plan road
- road permit road
- bladed skid trail
- other skid trail
- deactivate post-harvest
- temporary road
- proposed road access control
- block boundary
- other planned WF block
- logged WF block
- other logged block
- CP Approved block
- immature patch
- wildlife tree patch
- non-productive brush
- wetland
- road/landing (UNNP)
- landing
- designated skid crossing
- bridge
- classified fish creek
- classified non-fish creek
- non-classified drainage
- unclassified creek
- stream reach break
- lake
- wetland
- wet area
- key understory retention area
- machine-free zone
- riparian mgmt zone
- riparian reserve zone
- special mgmt zone
- lake mgmt zone
- Licenced water works line
- permanent OGMA
- rotational OGMA
- transitional OGMA

Safety Hazards

- bluff
- Steep Slope >35%
- Steep Slope 35% to 40%
- Steep Slope 40% to 50%
- Steep Slope >50%
- Provincial Park
- Candidate Goal 2 Protected Area
- woodlot / comm. forest
- private land
- Indian Reserve
- Growth & Yield plot
- Mule Deer Winter Range
- High Value Wetlands for Moose
- Critical Habitat for Fish
- Biogeoclimatic Zone
- Wildlife Habitat Area
- VRI type line
- index contour (100m interval)
- intermediate contour (20m interval)
- MDWR Topo Break
- Timber Reserve

200 100 0 200 400 600 800 1,000 metres

Licence A20001 CP110 Block 17 Operating area:

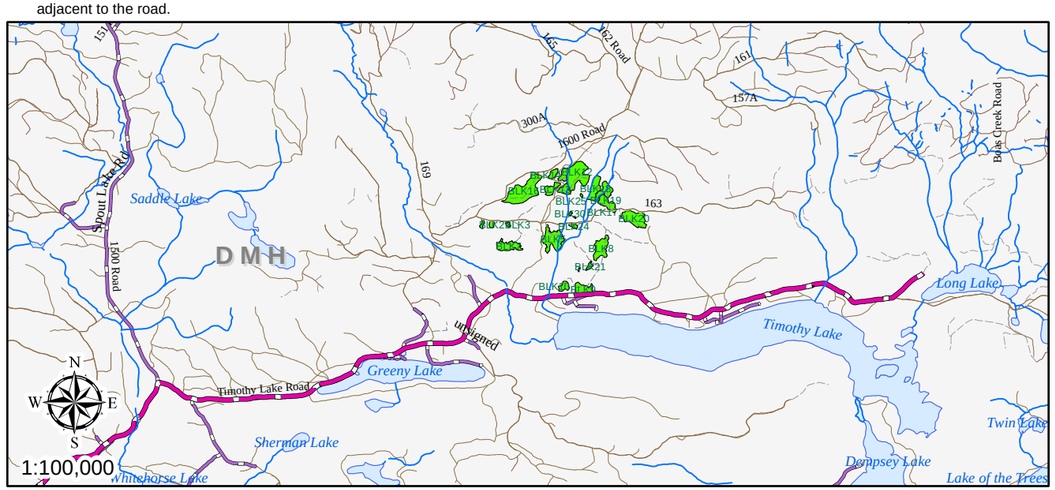
Stocking Standards

Standards Unit	Stocking Standard ID	Preferred Species	Preferred Species Min. Height (m)	Acceptable Species	Acceptable Species Min. Height (m)	Assessment Periods Regen Delay (yrs.)	Assessment Periods Latest Free Growing Period (yrs.)	Max. Conifer Density (cc/ha.)	Target Pref. & Accept.	Min. Pref. & Accept.	Min. Pref.	MITD (m)	Residual Basal Area (if applicable)	Height Relative to Competition	High elevation (m)	Low elevation (m)
①	1045638	Pli Fdi Sx	2.0/ 1.4/ 1.0	Lw	~~1.0~~	7	20		1200	700	700	2.0		150%	1120	1110

Variance Description (if necessary):

Access Directions:

From 100 Mile House proceed North on Hwy 97 to the Timothy Lake Road in Lac La Hache (26.1km). Proceed North on the Timothy Lake Road to the 1600 road (7.2km). Proceed East to Greeny Lake then North on the 1600 road approximately 8.0km. Turn east off the 1600 road for 2.4km. Block is adjacent to the road.



Prescribing RPF

REGISTERED PROFESSIONAL PROVINCE OF BRITISH COLUMBIA L. J. FRENCH FORESTER

RPF Name: Les French

Date: Dec 15, 2017 Original SP Date:

Other comments:

Site Plan comments

Planning Superintendent signature: _____

Safety

Stop work and ask for clarification if:

- pre-work instructions can not be followed,
- uncertain of logging map contents
- unfavourable weather or site conditions could cause adverse environmental impact,
- debris or sediment is deposited into a stream.
- unsure about safety procedures

WFM approved Safety Program	☐Yes	☐No
Supervisor familiar w/ Safety Program	☐Yes	☐No
Contractor/Area Supervisor walked Blk	☐Yes	☐No
Are there any new employees	☐Yes	☐No
Emergency preparedness plan on site	☐Yes	☐No
CP and RP approval maps given	☐Yes	☐No
Hazard ID completed and reviewed	☐Yes	☐No

First Aid Assessment Completed ☐Yes ☐No First Aid Attendant: _____

Onsite safety coordinator: _____ Alternate: _____

I _____ acting as, or representing the Contractor have reviewed the pre-work, hazards, and site. I feel that the proper safety considerations are in place to enable the work to be completed safely.

Environmental Section: Please describe potential environmental hazards and associated action plans that may exist for road and / or harvesting activities.

Comments: _____

Stream Crossings or Designated Skid Crossings ☐ or NONE - Note Bridge and Large Culvert Installations Require Separate Pre-work

Maps Show Environmental Information				Marked In Field		Maps Show Road Construction Information			
Riparian Management Zones	☐Yes	☐No	☐N/A	☐Yes	☐No	Special Road Construction Techniques	☐Yes	☐No	☐N/A
Riparian Reserves	☐Yes	☐No	☐N/A	☐Yes	☐No	Bridges or Major Culverts	☐Yes	☐No	☐N/A
No Work Zones	☐Yes	☐No	☐N/A	☐Yes	☐No	Stream Culverts	☐Yes	☐No	☐N/A
Machine Free Zones	☐Yes	☐No	☐N/A	☐Yes	☐No	R/W Landings	☐Yes	☐No	☐N/A
Special Management Zones	☐Yes	☐No	☐N/A	☐Yes	☐No	Unstable Terrain	☐Yes	☐No	☐N/A
Other Agency's Concerns	☐Yes	☐No	☐N/A	☐Yes	☐No	Gravel Sources	☐Yes	☐No	☐N/A

Fuel Tank/Camp Location(s) _____

Note: Under no circumstances should the location be within riparian management areas or near any water source/drainage.

Road Section

Type of construction ☐ Winter ☐ Temporary/5yr ☐ Permanent ☐ Other Ditching Required? ☐ Yes ☐ No

Disturbance width allowance _____meters Minimum Road surface width_____meters Constraints on R/W widths ☐ Yes ☐ No

Are there any RMA's close to Roads / Turnouts / Landings? Yes ☐ No ☐

Special Prescriptions ☐ Yes ☐ No (attach Road Designs or Geotech reports where applicable)

All road signs up prior to starting active logging, truck turning, stop signs etc. Yes ☐ No ☐

Comments: _____

I, _____ acting as or representing _____ acknowledge the attached map as the designated area as per the Timber Harvest Contract, Prime Contractor Agreement. Prime ☐Yes ☐No Pre-work Location: _____

Reviewed By:

Contractor:	_____	_____	_____
Contract Supervisor:	_____	_____	_____
Superintendent	_____	_____	_____
	Print	Sign	Date