

Site Plan

Stocking Standards / Critical Factors

Licence: K2D/AVCF	Cutting Permit: 002	Block: F1	Timber Mark: K2D002
Total Area (ha): 16.05	NAR (ha): 11.95	TLA 0.98	WTRA (ha): 2.15
NP UNN (ha /%): 0.97 / 6.0%		P.A.S. Limit (%): 7	

This SP is consistent with AVCF FSP #1, May 10, 2011.

Block F1 is located within the Sproat Lake Community Watershed.

This block will be harvested and regenerated using a clearcut silviculture system and a retention silviculture system. SU-A will be clearcut with no retention. SU-B and SU-C will have 18sph of dispersed retention of dominant and co-dominant Fd. This equates to an average inter-tree distance of 25m. The purpose of the retention is to mitigate visual quality impact in the upper regions of the block, to provide vertical and horizontal structural diversity and wildlife tree and coarse woody debris recruitment.

Block F1 is designed for ground based harvesting as shown on the harvest plan map.

STOCKING STANDARDS

SU	Standards ID	NAR (ha)	Biogeoclimatic Ecosystem Classification				Regeneration Method	Preferred Species	Acceptable Species
			Zone	Subzone	Variant	Site Series			
A	1037530	6.11	CWH	xm	2	01 ₈₅ 05 ₁₅	Plant	Fd	Hw Cw Pw ²²
B	1037530	5.09	CWH	xm	2	01 ₈₅ 05 ₁₅	Plant	Fd	Hw Cw Pw
C	1037533	0.75	CWH	xm	2	05 ₇ 01 ₃	Plant	Cw Fd	Pw ²² Bg* Hw**

²² Risk of white pine blister rust. Use blister rust resistant Pw stock and follow white pine pruning guidelines contained in the FSP.

* Bg acceptable on nutrient medium sites up to 5% of the free growing stand.

** Hw acceptable up to 10% of the free growing stand.

SU	Regen. Date (yrs)	FG Date Late (yrs)	MITD (m)	TSS (sph)	MSSpa (sph)	MSSp (sph)	Min. FG Ht. by Species		Crop Tree to Brush Ratio (%)
							Species	Ht (m)	
A	3	11	2.0	900	500	400	Fd Hw Cw Pw	3.0 2.0 1.5 2.5	150
B	3	11	2.0	900	500	400	Fd Hw Cw Pw	3.0 2.0 1.5 2.5	150
C	3	11	2.0	900	500	400	Cw Fd Pw Bg Hw	2.0 4.0 2.5 3.5 1.75	150

SOIL DISTURBANCE

SU	Compaction	Displacement	Surface Erosion	Soil Disturbance Limit (%)
A	H	L	H	5
B	H	L	H	5
C	H	L	H	5

COMMENTS The soil disturbance limit is 30% in areas prescribed for destumping.
 The soil disturbance limit is 25% for roadside work areas.
 Use puncheon or rubber matting in sensitive areas and **stop work if the following soil disturbances cannot be avoided:**
 >Wheel/Track Ruts, Compacted Areas, Gouges, Scalps<

RIPARIAN

Riparian Class of Feature	S4 NCD S2	Designation on Map	Stream M-1 Stream M-2 Clutesi Creek	Falling and/or Skidding or Yarding Across a Stream	No Yes No
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Block F1 is located within a community watershed. Default fish bearing stream classes have been used despite the fact that there are no fish bearing stream reaches within the block.

Stream M-1 flows from a swampy area in the TLA north of FC 8 to the southwest through SU-B and SU-C. It is designated as a default S4. Fall and yard away from stream. If necessary, a designated machine crossing is located in the upper area of the stream near the TLA.

Stream M-2 flows from a swampy area in the TLA west of Rd FC 300 at 0+170, into Clutesi creek to the east. It is designated as an NCD. Falling and yarding across this stream is allowed but should be minimized.

Clutesi creek is located outside the eastern block boundary, running north to south. It is designated S2. A 30m RRZ has been established along this boundary. No harvesting will occur within the RRZ.

Avoid debris accumulation at roadsides within the RMA of all streams (indicated in green shading on the attached map). Where permitted, cross-stream yarding (hoe chuck only) should be minimized and logs should be lifted not dragged across the channel as much as possible.

Retain all Cw, deciduous and non-merchantable stems and understory vegetation within the RMA (nearest the stream including stream banks) for all S4, S3 and S2 streams where safe and operationally practical to do so.

CRITICAL FACTORS AND REGENERATION COMMENTS

Harvesting:

Block boundaries are established with orange flagging and painted, tagged, and double ribboned falling corners. Boundary trees may be harvested when they are adjacent to an existing road or block. All other boundary trees should not be felled or damaged.

The level of retention in SU-B and SU-C will be 18 sph of healthy, dominant and co-dominant Fd or Pw evenly dispersed throughout the block at an average inter-tree distance of 25m. Retained trees may have defects such as sweep, forks, or crooks but should have a healthy live crown. Retention is not prescribed for root rot destumping treatment areas.

Also retain understory and non-merchantable Cw to the greatest extent possible.

Forest Health:

A 0.27 ha root rot center (*Phellinus weirii*) has been identified in Block F1 between FC 8 and FC 9 (see map). De-stump this area following harvest after completion of a waste and residue survey. Other endemic spot infections may exist but no treatment is prescribed. Hemlock dwarf mistletoe exists within this block. Knock down all Hw greater than 3.0m concurrent with harvest.

Windthrow:

Windthrow risk has been assessed as low along all boundaries. No treatments are prescribed.

Wildlife Trees:

Retain high value wildlife trees (active nests, dens, extensive cavities, etc) if identified during harvesting and safe to do so. No high value wildlife trees were identified during engineering or SP fieldwork. Dispersed retention will fulfill a wildlife tree recruitment role.

Coarse Woody Debris:

Retain a minimum of 4 logs/ha each being at least 5m in length and 30 cm in diameter at one end.

Visual Quality Objective:

The block falls within an area with a VQO of partial retention (PR). While a portion of the block is visible from Sproat Lake, a Visual Impact Assessment (VIA) has been completed and shows that the block meets this objective.

Recreation:

The only recreational activity observed in the vicinity of Block F1 during fieldwork was motorized off-road vehicle use (quad and motorbike) on old road grades (sections of Friesen Main and AW21/FC500). Adequate signage will be required at all potential access points during active harvesting and road building operations to ensure the safety of recreational users. Harvesting and road construction will not interfere with motorized recreation opportunities outside of active operations.

Block F1 is located within 10m of the west parcel of the Taylor Arm Provincial Park. Recreational facilities in this area of the park consist of a trail from the Highway 4 to Sproat Lake and a day use area with outhouses. Block F1 is located on the opposite side of the highway and over 500m from this trail and day use area. Operations will likely be audible from the day use areas and scheduling harvesting and road building outside of the highest park use periods in the summer is recommended.

Site Preparation:

Rehabilitate compacted areas and roadsides by de-compacting with hoe (preferably grapple attachment) while avoiding scalps larger than 1.5 x 1.5 m.

Pile slash where accumulations limit plantability. Keep in block piles tall and narrow (<3.0m diameter) to maintain the number of plantable spots. Chip or burn roadside accumulations.

Ensure all ditches are cleaned and culverts functioning prior following harvest completion.

Revegetation and Invasive Plants:

Invasive species are present on the Hwy 4 corridor. Grass seed exposed mineral soil within 200m of Highway 4 as soon as possible following road construction and harvesting. Grass seed exposed mineral soil within 50m of all stream crossings and all contiguous areas of exposed mineral soil greater than 0.1 ha (approximately 30m x 30m)

Regeneration:

Plant promptly following harvesting to minimize the potential need for future brushing treatments.

Plant cedar in depressions, wet areas and adjacent to streams and NCD's. Browse protection (sinocast cones) is recommended for all planted cedar trees.

Brush Competition:

Minimal brush competition is expected in block F1. Monitor for bracken fern in rich, wet areas and ingress of red alder. Brush mechanically as needed to achieve free growing.

Recommended Planting Prescription:

SU	NAR (ha)	Species	Percent (%)	Stock Type	Stems/ha	Total Stems
A	6.11	Fd	95	410A or Larger	1140	6965
		Cw	5		60	367
		Total			1200	7332
B	5.09	Fd	95	410A or Larger	1140	5802
		Cw	5		60	305
		Total			1200	6108
C	0.75	Fd	70	410A or Larger	900	675
		Cw	30		300	225
		Total			1200	900

Cultural Heritage Resources:

If, during road construction or harvesting, any evidence of traditional use, cultural heritage values, or archaeological features are found notify the AVCF Manager and stop work within a 30m radius of the area.

RPF SIGNATURE AND SEAL

Erik Holbek, R.P.F.
12/03/19

Date (yy/mm/dd)

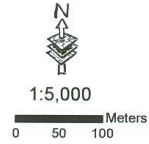
I certify that the work described herein fulfills the standards expected of a member of the Association of British Columbia Forest Professionals and that I did personally supervise the work.

Licensee: Alberni Valley Community Forest Corporation
 Forest Region: Coast
 Forest District: South Island
 Reference Map: 92P034, 025, 026
 F035, 036
 Datum: NAD 83
 Projection: BC Albers
 TSA: 38 Atrowsmith
 TSB: A
 FIZ: B
 PSYU: 471
 Inv. Reg.: 5
 Comp.: 4B (Sprout), 4C (Taylor)
 Drafted: April 1, 2012

Alberni Valley Community Forest K2D

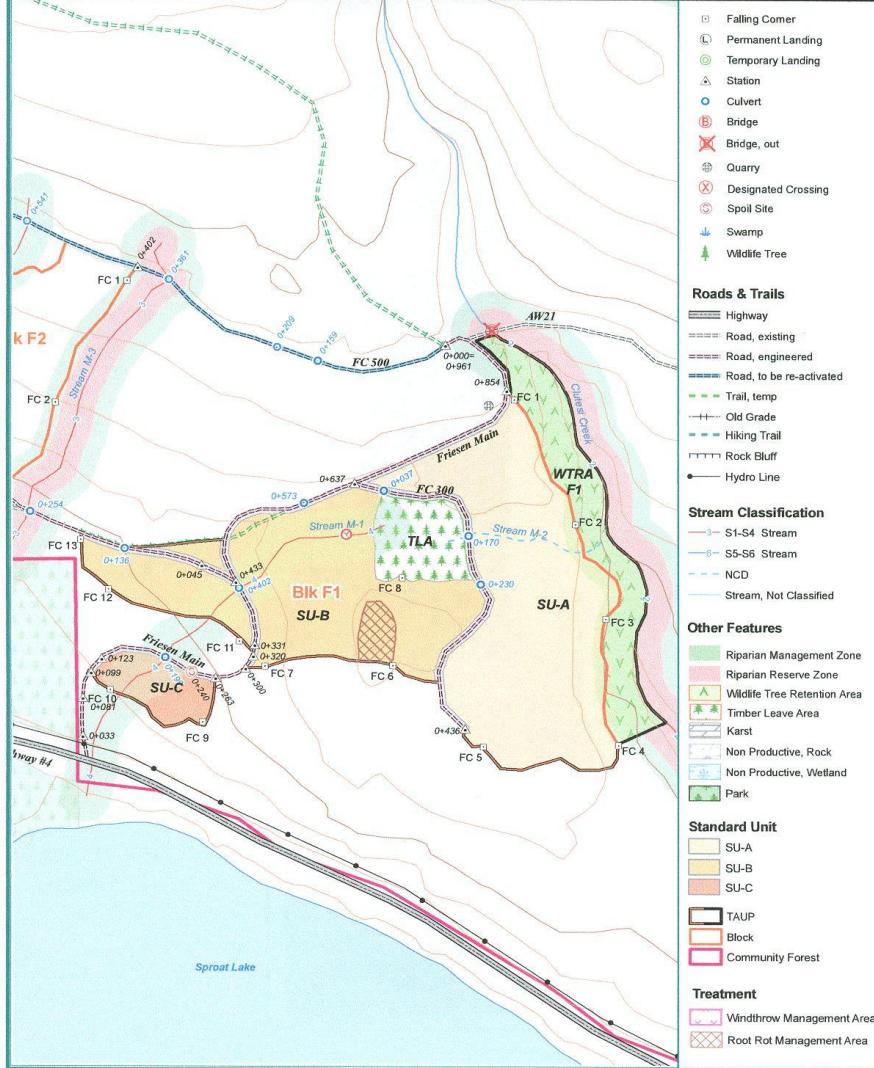
Sprout FDU

Site Plan Block F1



By: econ

Block ID	SU	NAR (ha)	ECO Site CWH km	SS ID	TSS	MSS (PA)	MSS (P)	Preferred (Min Hgt)	Acceptable (Min Hgt)	MITD	
F1	A	6.11	01 ₁₀ 05 ₁₀	1037530	900	500	400	Fd(3.0m)	Hw(2.0m), Cw(1.5m), Pw*(2.5m)	2.0m	
	B	5.09	01 ₁₀ 05 ₁₀	1037530	900	500	400	Fd(3.0m)	Hw(2.0m), Cw(1.5m), Pw(2.5m)	2.0m	
	C	0.75	05.01 ₁	1037533	900	500	400	Fd(4.0m), Cw(2.0m)	Bg*(3.5m), Pw*(2.5m), Hw*(1.75m)	2.0m	
	Net	11.95	* Bg acceptable on nutrient medium sites up to 5% of the free growing stand.								
	PAS	0.87	** Hw acceptable up to 10% of the free growing stand.								
TLA	0.98	** Risk of White Pine blister rust. Free growing Pw must be pruned as per the FSP guidelines.									
WTRA	2.15										
TAUP	16.05	Note: SU A and B have the same stocking standard but are differentiated by the presence of uniform dispersed retention in SU B.									



Site Plan

Stocking Standards / Critical Factors

Licence: K2D / AVCFC	Cutting Permit: 002	Block: F2	Timber Mark: K2D002
Total Area (ha): 7.55	NAR (ha): 5.77	WTRA (ha): 1.45	NP NAT (ha): NP UNN (ha / %): 0.33 / 4.4%
P.A.S. Limit (%): 7			

This SP is consistent with AVCF FSP #1, May 10, 2011.

Block F2 is located within the Sproat Lake Community Watershed.

This block will be harvested and regenerated using a retention silviculture system with internal and external wildlife tree retention. Dispersed retention of 18sph of dominant and co-dominant Fd, with an average inter-tree distance of 25m is prescribed. The purpose of the retention is to mitigate visual quality impact in the upper regions of the block, to provide vertical and horizontal structural diversity and wildlife tree and coarse woody debris recruitment.

The block is designed for ground based harvesting as shown on the harvest plan map.

STOCKING STANDARDS

SU	Standards ID	NAR (ha)	Biogeoclimatic Ecosystem Classification				Regeneration Method	Preferred Species	Acceptable Species
			Zone	Subzone	Variant	Site Series			
A	1037530	5.77	CWH	xm	2	01	Plant	Fd	Hw Cw Pw ²²

²² Risk of White Pine blister rust. Use blister rust resistant Pw stock and follow white pine pruning guidelines contained in the FSP.

SU	Regen. Date (yrs)	FG Date Late (yrs)	MITD (m)	TSS (sph)	MSSpa (sph)	MSSp (sph)	Min. FG Ht. by Species		Crop Tree to Brush Ratio (%)
							Species	Ht (m)	
A	3	11	2.0	900	500	400	Fd Hw Cw Pw	3.0 2.0 1.5 2.5	150

SOIL DISTURBANCE

SU	Compaction	Displacement	Surface Erosion	Soil Disturbance Limit (%)
A	H	M	M	5

COMMENTS
 The soil disturbance limit is 30% in areas prescribed for destumping.
 The soil disturbance limit is 25% for roadside work areas.
 Use puncheon or rubber matting in sensitive areas and **stop work if the following soil disturbances cannot be avoided:**
 >Wheel/Track Ruts, Compacted Areas, Gouges, Scalps<

RIPARIAN MANAGEMENT

Riparian Class of Feature	S3 S4 S4	Designation on Map	Stream M-3 Stream M-4 Stream M-5	Falling and/or Skidding or Yarding Across a Stream	N/A Yes N/A
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Block F2 is located within a community watershed. Default fish bearing stream classes have been used despite the fact that there are no fish bearing stream reaches within the cutblock area.

Stream M-3 is located outside the eastern boundary of block F2 and is classified as a default S3. The block boundary is located outside the RRZ of Stream M-3 and no action is prescribed.

Stream M-4 bisects the block from north to south and is classified as a default S4 along its entire length. Fall and yard away from stream. If necessary, a designated machine crossing is located near the northern block boundary.

Stream M-5 is located outside block F2 in block F3. The block boundary does fall within the RMA of stream M-5 but no action is prescribed.

Avoid debris accumulation at roadsides within the RMA of all streams (indicated in green shading on the attached map). Where permitted, cross-stream yarding (hoe chuck only) should be minimized and logs should be lifted not dragged across the channel as much as possible.

Retain all Cw, deciduous and non-merchantable stems and understory vegetation within the RMA (indicated in green shading on the attached map) for all S4, S3 and S2 streams where safe and operationally practical to do so.

CRITICAL FACTORS AND REGENERATION COMMENTS

Harvesting:

Block boundaries are established with orange flagging and painted, tagged, and double ribboned falling corners. Boundary trees may be harvested when they are adjacent to an existing road or block. All other boundary trees should not be felled or damaged.

The level of retention in SU-A will be 18 sph of healthy, dominant and co-dominant Fd and/or Pw evenly dispersed throughout the block at an average inter-tree distance of 25m. Retained trees may have defects such as sweep, forks, or crooks but should have a healthy live crown. Retention is not prescribed for root rot destumping treatment areas.

Also retain understory and non-merchantable Cw to the greatest extent possible.

Forest Health:

A 0.1ha root rot center (*Phellinus weirii*) has been identified in Block F2 on the boundary with Block F3 (see map). De-stump this area following harvest and after completion of a waste and residue survey. Other endemic spot infections may exist but no treatment is prescribed.

Windthrow:

Windthrow risk has been assessed as low along all boundaries. No treatments are prescribed.

Wildlife Trees:

Retain high value wildlife trees (active nests, dens, extensive cavities, etc) if identified during harvesting and safe to do so. No high value wildlife trees were identified during engineering or SP fieldwork. Dispersed retention will fulfill a wildlife tree recruitment role.

Coarse Woody Debris:

Retain a minimum of 4 logs/ha each being at least 5m in length and 30 cm in diameter at one end.

Visual Quality Objective:

The block falls within an area with a VQO of partial retention (PR). While a portion of the block is visible from Sproat Lake, a Visual Impact Assessment (VIA) has been completed and shows that the block along with blocks F3 and B9 meets this objective.

Recreation:

The only recreational activity observed in the vicinity of Block F2 during fieldwork was motorized off-road vehicle use (quad and motorbike) on old road grades (sections of Friesen Main and AW21/FC500). Adequate signage will be required at all potential access points during active harvesting and road building operations to ensure the safety of recreational users. Harvesting and road construction will not interfere with motorized recreation opportunities outside of active operations.

Block F2 is located within 10m of the west parcel of the Taylor Arm Provincial Park. Recreational facilities in this area of the park consist of a trail from the Highway 4 to Sproat Lake and a day use area with outhouses. Block F2 is located on the opposite side of the highway and over 500m from this trail and day use area. Operations will likely be audible from the day use areas and scheduling harvesting and road building outside of the highest park use periods in the summer is recommended.

Site Preparation:

Rehabilitate compacted areas and roadsides by de-compacting with hoe (preferably grapple attachment) while avoiding scalps larger than 1.5 x 1.5 m.

Pile slash where accumulations limit plantability. Keep in block piles tall and narrow (<3.0m diameter) to maintain the number of plantable spots. Chip or burn roadside piles and in-block piles greater than 3.0m in diameter.

Ensure all ditches are cleaned and culverts functioning following harvest completion.

Revegetation and Invasive Plants:

Invasive species are present on the Highway 4 corridor. Grass seed exposed mineral soil within 200m of Highway 4 as soon as possible following road construction and harvesting. Grass seed exposed mineral soil within 50m of all stream crossings and all contiguous areas of exposed mineral soil greater than 0.1 ha (approximately 30m x 30m)

Brush Competition:

Minimal brush competition is expected in block F2. Monitor for bracken fern in rich, wet areas and ingress of red alder. Brush mechanically as needed to achieve free growing.

Recommended Planting Prescription:

SU	NAR (ha)	Species	Percent (%)	Stock Type	Stems/ha	Total Stems
A	5.77	Fd	100 Total	410A or Larger	1200 1200	6924 6924

Cultural Heritage Resources:

If, during road construction or harvesting, any evidence of traditional use, cultural heritage values, or archaeological features are found notify the AVCF Manager and stop work within a 30m radius of the area.

RPF SIGNATURE AND SEAL



Erik Holbek, R.P.F

March 25, 2012

Date (yy/mm/dd)

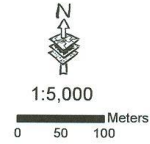
I certify that the work described herein fulfills the standards expected of a member of the Association of British Columbia Forest Professionals and that I did personally supervise the work.

Licensee: Alberni Valley Community Forest Corporation
 Forest Region: Coast
 Forest District: South Island
 Reference Map: 92F024, 025, 026
 F035, 036
 Datum: NAD 83
 Projection: BC Albers
 TSB: 38 Arrowsmith
 TSD: A
 FIZ: B
 PS Y.U.: 471
 Inv. Reg.: 5
 Comp.: 4B (Sproat), 4C (Taylor)
 Drafted: April 1, 2012

Alberni Valley Community Forest K2D

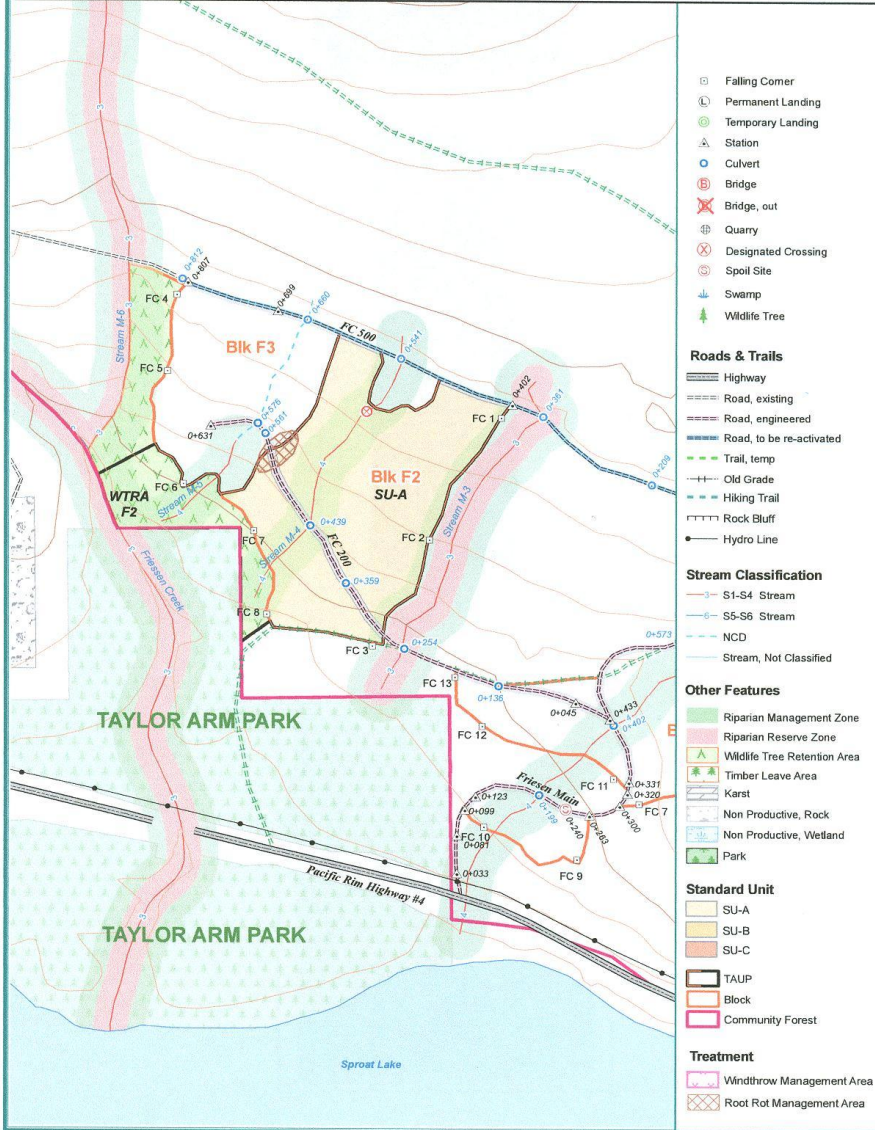
Sproat FDU

Site Plan Block F2



By: econ

Block ID	SU	NAR (ha)	ECO Site CWH xm	SS ID	TSS	MSS	MSS (P)	Preferred (Min Hgt)	Acceptable (Min Hgt)	MITD
F2	A	5.77	01	1037530	900	500	400	Fd(3.0m)	Hw(2.0m), Cw(1.5m), Pw(2.5m)	2.0m
	PAS	0.33	Risk of White Pine Blister rust. Free growing Pw must be pruned as per the FSP guidelines.							
	WTRA	1.45								
	TAUP	7.55								



Site Plan

Stocking Standards / Critical Factors

Licence: K2D / AVCFC		Cutting Permit: 002		Block: F3		Timber Mark: K2D002			
Total Area (ha): 4.70	NAR (ha): 3.34	WTRA (ha): 1.17	NP NAT (ha):	NP UNN (ha /%): 0.19 / 4.0%	P.A.S. Limit (%): 7				
<p>This SP is consistent with AVCF FSP #1, May 10, 2011.</p> <p>Block F3 is located within the Sproat Lake Community Watershed.</p> <p>This block will be harvested and regenerated using a clearcut silviculture system with external wildlife tree retention.</p> <p>The block is designed for cable and ground based harvesting as shown on the harvest plan map.</p>									
STOCKING STANDARDS									
SU	Standards ID	NAR (ha)	Biogeoclimatic Ecosystem Classification				Regeneration Method	Preferred Species	Acceptable Species
			Zone	Subzone	Variant	Site Series			
A	1037530	3.34	CWH	xm	1	01	Plant	Fd	Hw Cw Pw ²²
²² Risk of White Pine blister rust. Use blister rust resistant Pw stock and follow white pine pruning guidelines contained in the FSP.									
SU	Regen. Date (yrs)	FG Date Late (yrs)	MITD (m)	TSS (sph)	MSSpa (sph)	MSSp (sph)	Min. FG Ht. by Species		Crop Tree to Brush Ratio (%)
							Species	Ht (m)	
A	3	11	2.0	900	500	400	Fd Hw Cw Pw	3.0 2.0 1.5 2.5	150
SOIL DISTURBANCE									
SU		Compaction		Displacement		Surface Erosion		Soil Disturbance Limit (%)	
A		H		H		M		5	
COMMENTS	<p>The soil disturbance limit is 30% in areas prescribed for destumping.</p> <p>The soil disturbance limit is 25% for roadside work areas.</p> <p>Use puncheon or rubber matting in sensitive areas and stop work if the following soil disturbances cannot be avoided: >Wheel/Track Ruts, Compacted Areas, Gouges, Scalps<</p>								
RIPARIAN MANAGEMENT									
Riparian Class of Feature	S4 NCD S3	Designation on Map	Stream M-5 Stream M-5 Stream M-6			Falling and/or Skidding or Yarding Across a Stream	Yes Yes N/A		
<p>Blk F3 is located within a community watershed. Default fish bearing stream classes have been used despite the fact that there are no fish bearing stream reaches within the cutblock area.</p> <p>Stream M-5 runs north to south through the eastern side of block F3. It is classified as a default S4 in the southern quarter of block F3, and as a NCD above and directly below road FC 200. Fall and yard away where practicable, bridge leaners, and machine clean excessive slash from stream channel below road FC 200. Minimize machine crossings.</p> <p>The western falling boundary of block F3 is located outside the RMA of Stream M-6.</p> <p>Avoid debris accumulation at roadsides within the RMA of all streams (indicated in green shading on the attached map). Where permitted, cross-stream yarding (hoe chuck only) should be minimized and logs should be lifted not dragged across the channel as much as possible.</p> <p>Retain all Cw, deciduous and non-merchantable stems and understory vegetation within the RMA (nearest the stream including stream banks) for all S4, S3 and S2 streams where safe and operationally practical to do so.</p>									

CRITICAL FACTORS AND REGENERATION COMMENTS

Harvesting:

Block boundaries are established with orange flagging and painted, tagged, and double ribboned falling corners. Boundary trees may be harvested when they are adjacent to an existing road or block. All other boundary trees should not be felled or damaged.

Retain understory and non-merchantable Cw to the greatest extent possible.

Forest Health:

A 0.04 ha root rot center (*Phellinus weirii*) has been identified in Block F3 on the boundary with Block F2 (see map). De-stump this area following harvest and after completion of a waste and residue survey. Other endemic spot infections may exist but no treatment is prescribed.

Windthrow:

Windthrow risk has been assessed as low along all boundaries. No treatments are prescribed.

Wildlife Trees:

Retain high value wildlife trees (active nests, dens, extensive cavities, etc) if identified during harvesting and safe to do so. No high value wildlife trees were identified during engineering or SP fieldwork. Dispersed retention will fulfill a wildlife tree recruitment role.

Coarse Woody Debris:

Retain a minimum of 4 logs/ha each being at least 5m in length and 30 cm in diameter at one end.

Visual Quality Objective:

The block falls within an area with a VQO of partial retention (PR). While a portion of the block is visible from Sproat Lake, a Visual Impact Assessment (VIA) has been completed and shows that the block meets this objective.

Recreation:

The only recreational activity observed in the vicinity of Block F3 during fieldwork was motorized off-road vehicle use (quad and motorbike) on old road grades (sections of Friesen Main and AW21/FC500). Adequate signage will be required at all potential access points during active harvesting and road building operations to ensure the safety of recreational users. Harvesting and road construction will not interfere with motorized recreation opportunities outside of active operations.

Block F3 is located within 10m of the west parcel of the Taylor Arm Provincial Park. Recreational facilities in this area of the park consist of a trail from the Highway 4 to Sproat Lake and a day use area with outhouses. Block F3 is located on the opposite side of the highway and over 500m from this trail and day use area. Operations will likely be audible from the day use areas and scheduling harvesting and road building outside of the highest park use periods in the summer is recommended.

Site Preparation:

Rehabilitate compacted areas and roadsides by de-compacting with hoe (preferably grapple attachment) while avoiding scalps larger than 1.5 x 1.5 m.

Pile slash where accumulations limit plantability. Keep in block piles tall and narrow (<3.0m diameter) to maintain the number of plantable spots. Chip or burn roadside accumulations. Ensure all ditches are cleaned and culverts functioning prior following harvest completion.

Revegetation and Invasive Plants:

Invasive species are present on the Highway 4 corridor. Grass seed exposed mineral soil within 200m of Highway 4 as soon as possible following road construction and harvesting. Grass seed exposed mineral soil within 50m of all stream crossings and all contiguous areas of exposed mineral soil greater than 0.1 ha (approximately 30m x 30m)

Brush Competition:

Minimal brush competition is expected in block F3. Monitor for bracken fern in rich, wet areas and ingress of red alder. Brush mechanically as needed to achieve free growing.

Recommended Planting Prescription:

SU	NAR (ha)	Species	Percent (%)	Stock Type	Stems/ha	Total Stems
A	3.34	Fd	90	410A or Larger	1080	3607
		Cw	10		120	401
		Total	100		1200	4008

Cultural Heritage Resources:

If, during road construction or harvesting, any evidence of traditional use, cultural heritage values, or archaeological features are found notify the AVCF Manager and stop work within a 30m radius of the area.

RPF SIGNATURE AND SEAL



Erik Holbek, RPF

March 29, 2012

Date (yy/mm/dd)

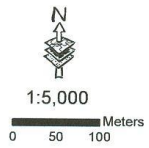
I certify that the work described herein fulfills the standards expected of a member of the Association of British Columbia Forest Professionals and that I did personally supervise the work.

Licensee: Alberni Valley Community Forest Corporation
 Forest Region: Coast
 Forest District: South Island
 Reference Map: 92F024, 025, 026
 F035, 036
 Datum: NAD 83
 Projection: BC Albers
 TSA: 38 Arrowsmith
 TSB: A
 FLZ: B
 P.S. Y.L.: 471
 Inv. Reg.: 5
 Comp.: 4B (Sproat), 4C (Taylor)
 Drafted: April 1, 2012

Alberni Valley Community Forest K2D

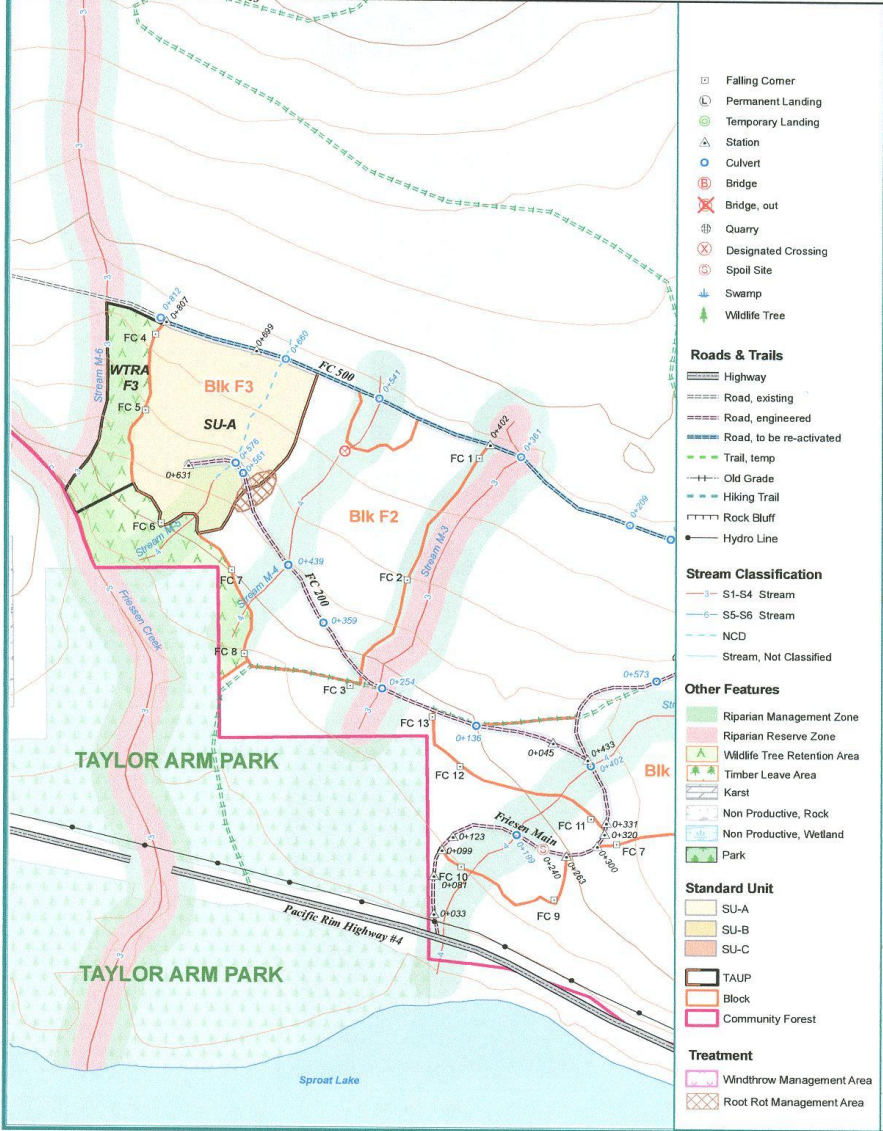
Sproat FDU

Site Plan Block F3



By: econ

Block ID	SU	NAR (ha)	ECO Site CWH xm	SS ID	TSS	MSS	MSS (P)	Preferred (Min Hgt)	Acceptable (Min Hgt)	MTD
F3	A	3.34	01	1037530	900	500	400	Fd(3.0m)	Hw(2.0m), Cw(1.5m), Pw(2.5m)	2.0m
	PAS	0.19	Risk of White Pine blister rust. Free growing Pw must be pruned as per the FSP guidelines.							
	WTRA TAUP	1.17 4.70								



- Falling Corner
 - Permanent Landing
 - Temporary Landing
 - Station
 - Culvert
 - Bridge
 - Bridge, out
 - Quarry
 - Designated Crossing
 - Spoil Site
 - Swamp
 - Wildlife Tree
- Roads & Trails**
- Highway
 - Road, existing
 - Road, engineered
 - Road, to be re-activated
 - Trail, temp
 - Old Grade
 - Hiking Trail
 - Rock Bluff
 - Hydro Line
- Stream Classification**
- S1-S4 Stream
 - S5-S6 Stream
 - NCD
 - Stream, Not Classified
- Other Features**
- Riparian Management Zone
 - Riparian Reserve Zone
 - Wildlife Tree Retention Area
 - Timber Leave Area
 - Karst
 - Non Productive, Rock
 - Non Productive, Wetland
 - Park
- Standard Unit**
- SU-A
 - SU-B
 - SU-C
 - TAUP
 - Block
 - Community Forest
- Treatment**
- Windthrow Management Area
 - Root Rot Management Area