

ROAD SITE PLAN

Kootenay Business Area

BC Timber Sales

☒ Original
☐ Amendment #___

1. ROAD IDENTIFICATION

ROAD NAME	SECTION	LENGTH (km)	LOCATION	SUPPLY BLOCK	LATITUDE/LONGITUDE	
					POC	POT
FSR0252.23 Mark Main Spur 8000	N/A	0.406	Cranbrook	05A	49° 45' 16" 115° 58' 55"	49° 45' 12" 115° 58' 42"
CRPL TA0167	Sec. 1	0.551	Cranbrook	05A	49° 45' 12" 115° 58' 42"	49° 45' 17" 115° 58' 32"
FSR0252.70 Mark Main Spur 8100	N/A	0.189	Cranbrook	05A	49° 45' 49" 115° 58' 41"	49° 45' 51" 115° 58' 36"
CRPL TA0167	Sec. 2	0.490	Cranbrook	05A	49° 46' 08" 115° 58' 03"	49° 45' 59" 115° 58' 22"

2. RESULTS OR STRATEGIES

RESULT OR STRATEGY	HOW THE STRATEGY OR RESULT APPLIES TO THE SITE
Cultural Heritage Resources	<p>The Rocky Mountain Forest Stewardship Plan, Operating Plan #19 was referred to First Nations, and no traditional use or cultural heritage values were identified for the roads.</p> <p>Protection of any identified cultural heritage site from disturbance or destruction is required under the Heritage Conservation Act. Forest management practices will cease and the Timber Sales Manager or his/her designate will be immediately notified if cultural or archaeological significant resource features are discovered during operations.</p>
Invasive Plants	<p>Invasive plants were observed along roadways in the vicinity of the block and include sulphur cinquefoil, bull thistle, and blueweed. No invasive plants were identified along the existing roads used to access the proposed blocks or within the blocks themselves. No invasive plants were reported in the provincial invasive plant inventory and mapping database (December 19, 2019).</p> <p>Measures to be carried out to prevent the introduction or spread of invasive plants, as required by the Timber Sales Manager:</p> <ol style="list-style-type: none"> vehicles, mechanized equipment, culverts, bridges and cattle-guards are to be inspected for the presence of soil or plant material, including documentation on inspection forms, prior to being transported to or from work sites and, if present, plant and soil materials are to be removed; to reduce the available seedbed for invasive plants: <ol style="list-style-type: none"> grass seed exposed mineral soils on cut and fill slopes of new roads and trails during the first available spring or fall and not more than 12 months following construction; and grass seed exposed soils on all new landings and rehabilitated areas during the first available spring or fall and not more than 12 months following the time of mineral soil exposure, except if the rehabilitated areas are to be revegetated through the planting of trees; and where grass seeding is undertaken, utilize high quality seed (a mix recommended by a MFLNRO range specialist, if available; otherwise Canada Common #1 Forage mix or better grade) to ensure that the introduction of invasive plant seed is minimized.
Range	Roads are located in the Upper St. Mary's Range Unit, however no active range tenures occupy the development.

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Riparian	<p>There are two non-classified drainages (NCDs) associated with the proposed road system.</p> <p>NCD2: FSR0252.70 Mark Main Spur 8100 crosses this NCD at 0+090m (outside block 2) and a 450mm x 9m culvert is to be installed at this watercourse crossing.</p> <p>NCD3: FSR0252.70 Mark Main Spur 8100 crosses this NCD at 0+069m (outside block 2) and a 450mm x 9m culvert is to be installed at this watercourse crossing.</p> <p>Ensure trees are felled and yarded away from the streams and watercourses and that introduced debris is not deposited into any of these riparian features.</p>
Wildlife - Ungulate Winter Range	Field plots determined the site to be in the ESSFdk1 Biogeoclimatic (BEC) zone with site series 104. The development does not overlap with Ungulate Winter Range polygons.

ADMINISTRATION

RPF PRINTED NAME	RPF SIGNATURE and SEAL
Scott Blissett - #3318	
DATE SIGNED	
2020/09/04	
I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to standards acceptable of a Registered Professional Forester.	

Map attached forms an integral part of the site plan.

THE FOLLOWING INFORMATION IS ATTACHED FOR INFORMATION ONLY AND DOES NOT FORM PART OF THE SITE PLAN

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1. VISUAL IMPACT ASSESSMENT

COMMENTS :	<p>The LRDW visual landscape inventory (April 1, 2004) indicates that the proposed development does not overlap visual sensitivity units with visual quality objectives.</p> <p>A preliminary assessment conducted using viewpoints from the Mark Creek Integrated Watershed Management Plan (Sept 15, 2017) determined that the blocks are not visible. A full VIA is not required.</p>
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2. ARCHAEOLOGICAL IMPACT ASSESSMENT

DATE	CONSULTANT	RECOMMENDATIONS
N/A	N/A	N/A
COMMENTS	The development does not overlap any Archaeological Sites. An Archaeological Impact Assessment (AIA) is not required.	

3. TERRAIN STABILITY ASSESSMENTS (includes gentle over steep)

DATE	CONSULTANT	RECOMMENDATIONS
N/A	N/A	N/A
COMMENTS	No steep areas of or indicators of slope instability are associated with the proposed road system.	

4. AVALANCHE ASSESSMENTS

DATE	CONSULTANT	RECOMMENDATIONS
N/A	N/A	N/A
COMMENTS	No avalanche issues have been identified for the roads.	

5. WILDLIFE

DATE	CONSULTANT	SPECIES	RECOMMENDATIONS
N/A	N/A	N/A	N/A
COMMENTS	No wildlife issues have been identified for the roads.		

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6. RIPARIAN ASSESSMENTS

ROAD SECTION	RIPARIAN ID AND CLASS	RMA WIDTH (m)	COMMENTS (Rationale if within the RMA)
FSR0252.70 Mark Creek Main Spur 8100	NCD2	N/A	NCD2: FSR0252.59 Mark Main Spur 8100 crosses this NCD at 0+090m (outside block 2) and a 450mm x 9m culvert is to be installed at this watercourse crossing.
FSR0252.70 Mark Creek Main Spur 8100	NCD3	N/A	NCD3: FSR0252.59 Mark Main Spur 8100 crosses this NCD at 0+069m (outside block 2) and a 450mm x 9m culvert is to be installed at this watercourse crossing.

7. ECOLOGICAL INFORMATION

ROAD SECTION	LENGTH (m)	BEC ZONE	SUB ZONE	VARIANT/ PHASE	SITE SERIES (series - %)	ELEV (avg) m	SLOPE (avg) %	SOIL TEXTURE			
								ROCK %	COARSE %	FINES %	ORGANIC %
FSR0252.23 Mark Main Spur 8000	0.406	ESSF	dk	1	104 – 100%	1675	24	5	40	55	0
CRPL TA0167 Sec. 1	0.551	ESSF	dk	1	104 – 100%	1720	17	5	40	55	0
FSR0252.70 Mark Main Spur 8100	0.189	ESSF	dk	1	104 – 100%	1655	18	5	50	45	0
CRPL TA0167 Sec. 2	0.490	ESSF	dk	1	104 – 100%	1690	13	5	50	45	0

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