



Province of
British Columbia

Ministry
of Forests



11400-20

RO4522

LICENSEE MACMILLAN BIOEDEL

ADDRESS FRANKLIN

WOODLANDS

POSTAL CODE _____

TENURE TFL 44 C.P. Z BLOCK _____ EXAMINATION DATE

Y	M	D
95	12	05

LOCATION FRANKLIN MAIN

BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- | | | | |
|--------------------------|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | S - SNAGS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | R - RESIDUALS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H - F.S. 117 COMPLETED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS
- CUT BANK RAVELLING & SLUMPING ARE
ARE RESTRICTING WATER MOVEMENT IN
THE DITCH; DITCH IS PARTIALLY BLOCKED
(E.C. ≈ 3.8 km ON THE PORT ALBERT SIDE
OF THE FRANKLIN OFFICE)

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FPC ROAD REG 17 d) b) OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:
- RE-DEFINE DITCH

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	12	22

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) Wayne French FOREST OFFICER (SIGNATURE) Bill Haraw'it

PRINT NAME WAYNE FRENCH PRINT NAME BILL HARAW'IT

AC 95/12/02



Province of
British Columbia

Ministry
of Forests



11400-20

RO4522

LICENSEE MACMILLAN BLOEDEL

ADDRESS FRANKLIN
WOODLANDS

POSTAL CODE _____

TENURE TFL 44 C.P. 2 BLOCK _____ EXAMINATION DATE

Y	M	D
95	12	05

LOCATION SOUTH MAIN
(JUST PAST CAYCUSE BRIDGE)

BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

<input type="checkbox"/>
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- P - COMPLIANCE WITH LOGGING PLAN
S - SNAGS FELLED
R - RESIDUALS FELLED
M - TIMBER MARKING SATISFACTORY
L - LITTER REMOVED / DISPOSED OF
U - UTILIZATION SATISFACTORY
E - COMPLIANCE WITH ROAD SPECS
C - STREAMSIDE MGT. STRAT. FOLLOWED
W - WASTE ASSESS. COMPLETED IF DUE
H - F.S. 117 COMPLETED
I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS - FILL SLOPE SLUMP HAS BLOCKED DITCH

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FPC ROAD REG 17 1) b) OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	12	22

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) [Signature] FOREST OFFICER (SIGNATURE) BILL HARANY

PRINT NAME [Signature] PRINT NAME BILL HARANY



Page 3 of 246 FOR-2023-30219



Province of
British Columbia

Ministry
of Forests



11400-20
R04522

LICENSEE MAC MILLAN BLOEDEL

ADDRESS FRANKLIN
WOODLANDS

POSTAL CODE _____

HARVEST INSPECTION REPORT

TENURE TFL C.P. 2 BLOCK _____ EXAMINATION DATE

Y	M	D
95	11	23

LOCATION COWICHAN M/L BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- | | | | |
|--------------------------|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | S - SNAGS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | R - RESIDUALS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H - F.S. 117 COMPLETED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS - DE-ACTIVATED PART OF MAINLINE SHOWS
SEVERE ~~RIVER ROAD SIDE~~ EROSION DIRECTLY INTO
NIT NAT RIVER

THIS INSPECTION HAS REVEALED THAT OPERATIONS _____ BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- SUBMIT A REPORT DETAILING WORK NECESSARY
TO STABILIZE RIVER BANK

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	12	29

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) NOT SIGNED OR FOREST OFFICER (SIGNATURE) BILL HARANY

PRINT NAME ACCEPTED SINCE REPORT PRINT NAME BILL HARANY

FS 107 HTH 89/11 WAS SUBMITTED AT DISTRIBUTION: WHITE - LICENSEE; CANARY - DISTRICT FILE; PINK - OPTIONAL
APPROVAL - STAGE



Province of
British Columbia

Ministry
of Forests



11400-20

RO 4522

LICENSEE HACMILLAN BLOEDEL

ADDRESS FRANKLIN

WOODLANDS

HARVEST INSPECTION REPORT

TENURE TFL 44 C.P. _____

BLOCK 9758

EXAMINATION DATE

Y M D
95 11 15

LOCATION CAMP 3

BCGS MAP SHEET _____

OPENING NO. _____

NET MERCHANTABLE AREA _____ ha; LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☒ A - ACTIVE

- ☒ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ Y - YARDING
☐ L - LOADING
☐ S - SALVAGING
☐ D - DEAD & DOWN

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- ☐ P - COMPLIANCE WITH LOGGING PLAN
☐ S - SNAGS FELLED
☐ R - RESIDUALS FELLED
☐ M - TIMBER MARKING SATISFACTORY
☐ L - LITTER REMOVED / DISPOSED OF
☐ U - UTILIZATION SATISFACTORY
☐ E - COMPLIANCE WITH ROAD SPECS
☐ C - STREAMSIDE MGT. STRAT. FOLLOWED
☐ W - WASTE ASSESS. COMPLETED IF DUE
☐ H - F.S. 117 COMPLETED
☐ I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y M D
| | |

REMARKS

- PILING OF OVER BURDEN ON FILE SLOPE HAS
CREATED AN 'OUTER DITCH' WHICH CREATES PONDS SINCE
IT DOES NOT DRAIN WATER
- ROAD SURFACE IS RUTTED & MUDDY
- THERE IS A FRESH CUT BANK SLUMP INTO THE
DITCH AT \approx 3+050
- ACTIVE ROAD CONSTRUCTION CONTRARY TO APPROVAL LETTER
- THE CREEK BANK AT CREEK #3 IS NOT STABILIZED
AS PER THE DRAWING (SKETCH #3)

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE NOT BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

ROAD PERMIT 2.08 f) OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- RE-CONTOUR THE FILL SLOPE SO THAT IT WILL DRAIN WATER
- FINISH THE RIP-RAPPING OF CREEK #3 BANK

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y M D
95 12 29

ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) _____

FOREST OFFICER (SIGNATURE) _____

PRINT NAME _____

PRINT NAME _____

FS 107 HTH 89/11

DISTRIBUTION: WHITE - LICENSEE; CANARY - DISTRICT FILE; PINK - OPTIONAL



LICENSEE MACMILLAN BLOEDER
ADDRESS FRANKLIN
WOODLANDS

POSTAL CODE _____

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE NOT BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

RECEIVED BY (SIGNATURE) REFUSED TO FOREST OFFICER (SIGNATURE) BILL HARAW
PRINT NAME SIGN PRINT NAME BILL HARAW



Province of
British Columbia

Ministry
of Forests



11400-22
R04522

LICENSEE MAC MILLAN BLOEDEL

ADDRESS FRANKLIN

WOOD LANDS

POSTAL CODE _____

HARVEST INSPECTION REPORT

TENURE TFL 44 C.P. _____ BLOCK 8760 EXAMINATION DATE

Y	M	D
95	11	07

LOCATION FLORA LAKE 920-1
R04522 BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☒ PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- P - COMPLIANCE WITH LOGGING PLAN
S - SNAGS FELLED
R - RESIDUALS FELLED
M - TIMBER MARKING SATISFACTORY
L - LITTER REMOVED / DISPOSED OF
U - UTILIZATION SATISFACTORY
E - COMPLIANCE WITH ROAD SPECS
C - STREAMSIDE MGT. STRAT. FOLLOWED
W - WASTE ASSESS. COMPLETED IF DUE
H - F.S. 117 COMPLETED
I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS

- ALL ROADS ARE BUILT & INACTIVE

- CULVERT OUTLETS ARE OVER-STEEPENED & UN ARMoured

- THERE ARE MINOR SLUMPS INTO THE DITCH

- FL 921 - SLUMP INTO DITCH AT ± 0+225

- CULVERT AT 0+175 HAS INSUFFICIENT FILL (± 0.15m) AS IN PREVIOUS INSPECTION

- AN 'OUTER' DITCH BETWEEN OVERBURDEN & BALLASTED SURFACE EXISTS

- FILL SLOPE IS OVER-STEEPENED.

FL 920 - JCT WITH FL 921 - SPOIL SITE OVER-STEEPENED & SLIPPING INTO DITCH

- JCT WITH FL 921 - CMP ENTRANCE OVER-STEEP

- CMP ABOVE LANDING 1/2 FULL OF GRAVEL & DITCH EROSION AT [A]

- DITCH PONDING AT 1+100

- OUTER DITCH PRESENT

- LITTER ON SITE

- WOODY DEBRIS IN DITCH IS FORCING * WATER ONTO ROAD AT 1+400

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE NOT BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FP ROAD REG. 17(1)(b); C.P. DOC. _____; FPRR 12 OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- CLEAN & RE-DEFINE DITCH; REMOVE LITTER; PLACE MORE FILL ON CULVERT

- REMOVE 'OUTER' DITCH; REPLACE CMP AT [A]

- PULL BACK OVER-STEEPENED SLOPE (EG. END FL 921)

- PULL BACK FILL AT CMP OUTLETS & ARMOUR

- MONITOR OVER STEEPENED FILL SLOPES & PULL BACK

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	12	15

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

IF EROSION OCCURS; ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) Wayne French FOREST OFFICER (SIGNATURE) Bill Haraway

PRINT NAME Wayne French PRINT NAME BILL HARAWAY



LICENSEE MACMILLAN BLOEDER
ADDRESS FRANKLIN
WOODLAND

POSTAL CODE

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

CONTRACTUAL OBLIGATIONS:

YES NO N/A

<input type="checkbox"/>	INTERIM REPORT
<input type="checkbox"/>	N - NO LOGGING TO DATE
<input checked="" type="checkbox"/>	1 - PART LOGGED - NOW INACTIVE
<input type="checkbox"/>	A - ACTIVE

☐ A - ACTIVE
☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

<input type="checkbox"/>	Y - YARDING
<input type="checkbox"/>	L - LOADING
<input type="checkbox"/>	S - SALVAGING
<input type="checkbox"/>	D - DEAD & DOWN

			P - COMPLIANCE WITH LOGGING PLAN
			S - SNAGS FELLED
			R - RESIDUALS FELLED
			M - TIMBER MARKING SATISFACTORY
			L - LITTER REMOVED / DISPOSED OF
			U - UTILIZATION SATISFACTORY
			E - COMPLIANCE WITH ROAD SPECS
			C - STREAMSIDE MGT. STRAT. FOLLOWED
			W - WASTE ASSESS. COMPLETED IF DUE
			H - F.S. 117 COMPLETED
			I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME _____ m³TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y M D

REMARKS - ALL ROAD & SPURS ARE BUILT & INACTIVE

- OLD, UPGRADED PARTS OF HC 200 & HC 210 WERE UNABLE TO COPE WITH WATER (IE. UNDER SIZED OR MISSING CULVERTS)
- ON HCL 213 PILING OF OVER BURDEN HAS RESULTED IN AN OUTER-DITCH (BETWEEN OVER-BURDEN & BALLASTED ROAD) WHICH WILL NOT SELF-DRAIN; IT HAS ALSO RESULTED IN OVER-STEEPENED FILL SLOPE ($\approx 85\%$)
- CONSTRUCTION OF UPPER HC 213 INCLUDED 2 ADDITIONAL CULVERTS BUT 1 MORE NEEDED AT $\approx 0+600$; HEAVY SILTATION IN DITCH
- ROAD SURFACE DAMAGE FROM WATER RUNNING ON ROAD

WORK NEEDED- SEASONAL DE-ACTIVATION

- REMOVE OUTER DITCH

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S)

FP ROAD REG. 12 1) a); OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- 5 ADDITIONAL CULVERTS ON HCL 200 / 210 (AS DISCUSSED WITH G. EASON ON 95/11/07) NEEDED
- 2 ADDITIONAL CULVERTS ON HCL 213 NEEDED (AS DISCUSSED WITH G. EASON ON 95/11/07) AT \approx 0+600, + 0+400

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
96	02	08

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) [Signature] FOREST OFFICER (SIGNATURE) [Signature]
PRINT NAME WILLIE FRENCH PRINT NAME BILL HADANY

ES 107 HTH 89/11

DISTRIBUTION: WHITE - LICENSEE; CANARY - DISTRICT FILE; PINK - OPTIONAL

District Manager
Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261

File: 11400-20/R04522

September 22, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Pursuant to paragraph 1.03 of Road Permit R04522 the term of Road Permit No. R04522 is extended until September 23, 1996. Effective September 24, 1995 the permit area described in paragraph 1.02 of the document is amended as follows:

The Permit area is the right-of-way shown on road permit amendment maps approved under Road Permit R04522 prior to June 15, 1995 but which were not constructed as of June 15, 1995. All other constructed roads previously approved under Road Permit R04522 are transferred to Road Permit R07655.

The Franklin Woodlands Division shall provide the Port Alberni Forest District a summary of roads described above which remain approved in Road Permit R04522. Please submit this summary by October 31, 1995.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

bcc: Valuation, Vancouver Regional Office

Resource Tenures & Engineering Branch, Victoria, BC

r/major/tempj/7659.doc



Port Alberni, B.C. V9Y 7N3

Telephone: (604) 723-9471

Facsimile: (604) 723-9471

Franklin Woodlands Division

October 13, 1995

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1



ATTN: Mr. P. Pashnik, District Manager

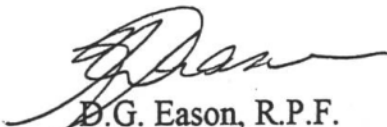
Dear Sir:

Re: ROAD PERMITS RO4522, RO4524, RO4525, RO4556 & RO4555

In response to your request dated September 22, 1995 for a summary of roads which remain approved in the above listed road permits please find the enclosed lists.

Yours truly,

MacMillan Bloedel Limited
Franklin Woodlands Division


D.G. Eason, R.P.F.
Divisional Engineer

**MacMillan Bloedel Ltd.
Franklin Woodlands Division**

Roads not transferred to new road permits and remain approved under the stated road permit.

ROAD PERMIT # RO4522 - #8785 (BR60F)
#8760 (FL920-1) MISTAKENLY SENT IN UNDER RO4523 APPROVED
#9703 (HC213)
#9781 (NAD150-2)
#9732 (WCK-3)
#9850 (NAD950-1)
#8725 (SM700-1)

ROAD PERMIT # RO4556 - THERE ARE NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4525 - #7517 (440-7)
#7503 (446) MCKAY AREA

ROAD PERMIT # RO4524 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4555 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT



Province of
British Columbia

Ministry
of Forests



TFL 44 CP2
11400-20

LICENSEE MACMILLAN BLOEDEL
ADDRESS FRANKLIN
WOODLAND

HARVEST INSPECTION REPORT

TENURE TFL C.P. _____ BLOCK 9703 EXAMINATION DATE Y 95 M 11 D 07
LOCATION HC 213-2
RO 4522 BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha
LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☒ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE
☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING
☐ Y - YARDING
☐ L - LOADING
☐ S - SALVAGING
☐ D - DEAD & DOWN
☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- | YES | NO | N/A | |
|--------------------------|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | S - SNAGS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | R - RESIDUALS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H - F.S. 117 COMPLETED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y M D
| | |

REMARKS - ALL ROAD & SPURS ARE BUILT & INACTIVE
- OLD, UPGRADED PARTS OF HC 200 & HC 210 WERE
UNABLE TO COPE WITH WATER (IE. UNDER SIZED OR
MISSING CULVERTS)
- ON HCL 213 PILING OF OVER BURDEN HAS RESULTED
IN AN OUTER-DITCH (BETWEEN OVER-BURDEN &
BALLASTED ROAD) WHICH WILL NOT SELF-DRAIN; IT
HAS ALSO RESULTED IN OVER-STEEPENED FILL SLOPE
($\approx 85\%$)
- CONSTRUCTION OF UPPER HC 213 INCLUDED 2 ADDITIONAL
CULVERTS BUT 1 MORE NEEDED AT $\approx 0+600$; HEAVY
SILTATION IN DITCH
- ROAD SURFACE DAMAGE FROM WATER RUNNING ON ROAD
WORK NEEDED- SEASONAL DE-ACTIVATION
- REMOVE OUTER DITCH

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FP ROAD REG. 12 (1) (2); OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:
- 5 ADDITIONAL CULVERTS ON HCL 200 / 210 (AS DISCUSSED
WITH G. EASON ON 95/11/07) NEEDED
- 2 ADDITIONAL CULVERTS ON HCL 213 NEEDED (AS
DISCUSSED WITH G. EASON ON 95/11/07) AT $\approx 0+600$, & $0+400$

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE 95/12/08 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) Wayne French FOREST OFFICER (SIGNATURE) Bill Harany

PRINT NAME WAYNE FRENCH PRINT NAME BILL HARANY

HARVEST INSPECTION REPORT

POSTAL CODE

TENURE TFL 44 C.P. _____ BLOCK _____ EXAMINATION DATE

Y	M	D
35	10	

LOCATION ROSANDER MAIN

BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____: LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- | | |
|--|--------------------------------|
| | INTERIM REPORT |
| | N - NO LOGGING TO DATE |
| | 1 - PART LOGGED - NOW INACTIVE |
| | A - ACTIVE |

- | | |
|--|---------------|
| | R - ROADS |
| | P - PREPOLING |
| | F - FALLING |

- | | |
|--------------------------|--------------------------|
| <input type="checkbox"/> | FINAL REPORT |
| <input type="checkbox"/> | B - BLOCK COMPLETED |
| <input type="checkbox"/> | C - ALL BLOCKS COMPLETED |

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- [illegible]

- | | |
|--|-------------------------------------|
| | P - COMPLIANCE WITH LOGGING PLAN |
| | S - SNAGS FELLED |
| | R - RESIDUALS FELLED |
| | M - TIMBER MARKING SATISFACTORY |
| | L - LITTER REMOVED / DISPOSED OF |
| | U - UTILIZATION SATISFACTORY |
| | E - COMPLIANCE WITH ROAD SPECS |
| | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| | W - WASTE ASSESS. COMPLETED IF DUE |
| | H - F.S. 117 COMPLETED |
| | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE _____

Y	M	D

REMARKS

- CULVERT MISSING OR PLUGGED CAUSING WATER
TO FLOW ACROSS ROAD

- WATER IS FLOWING DOWN OR ALONG THE ROAD SINCE IT IS TRAPPED BY ROADSIDE BERM

- ROCK HAS FALLEN FROM CUT BANK ONTO ROAD SURFACE

(PAYCUSE TO "THE ROCK")

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE NOT BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FPC REG 17 1) b) d) OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- BRING UP TO HAULING STANDARD


WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE 95/10/13 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) Chase FOREST OFFICER (SIGNATURE) Bill Hays

PRINT NAME G. EASON PRINT NAME BILL HARAWY (1)

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax.: 724-9261



File(s): 11400-20 - R04522
19700-40 - TFL 44, CP New
Opening 9850

May 3, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated March 24, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber from the area which is approximately 2.3 hectares and construct road as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following roads are approved for construction:

NAD 950 Station 0+000 to Station 1+021
NAD 951 Station 0+000 to Station 0+135

Authorization is also given to re-build old road:

NAD 940 Station 0+000 to Station 0+230.

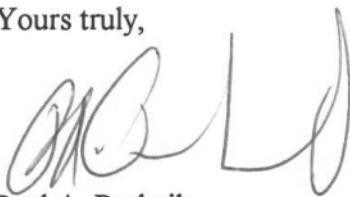
- (b) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines*.
- (c) Fully comply with the *Forest Road and Logging Trail Engineering Practices (Interim)*.

...../2

- (d) Road construction shall be in accordance with the specifications contained in the approved Management Plan for TFL No. 44.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (e) Utilization standards shall be as specified in the CP Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



Paul A. Pashnik
District Manager
Port Alberni Forest District

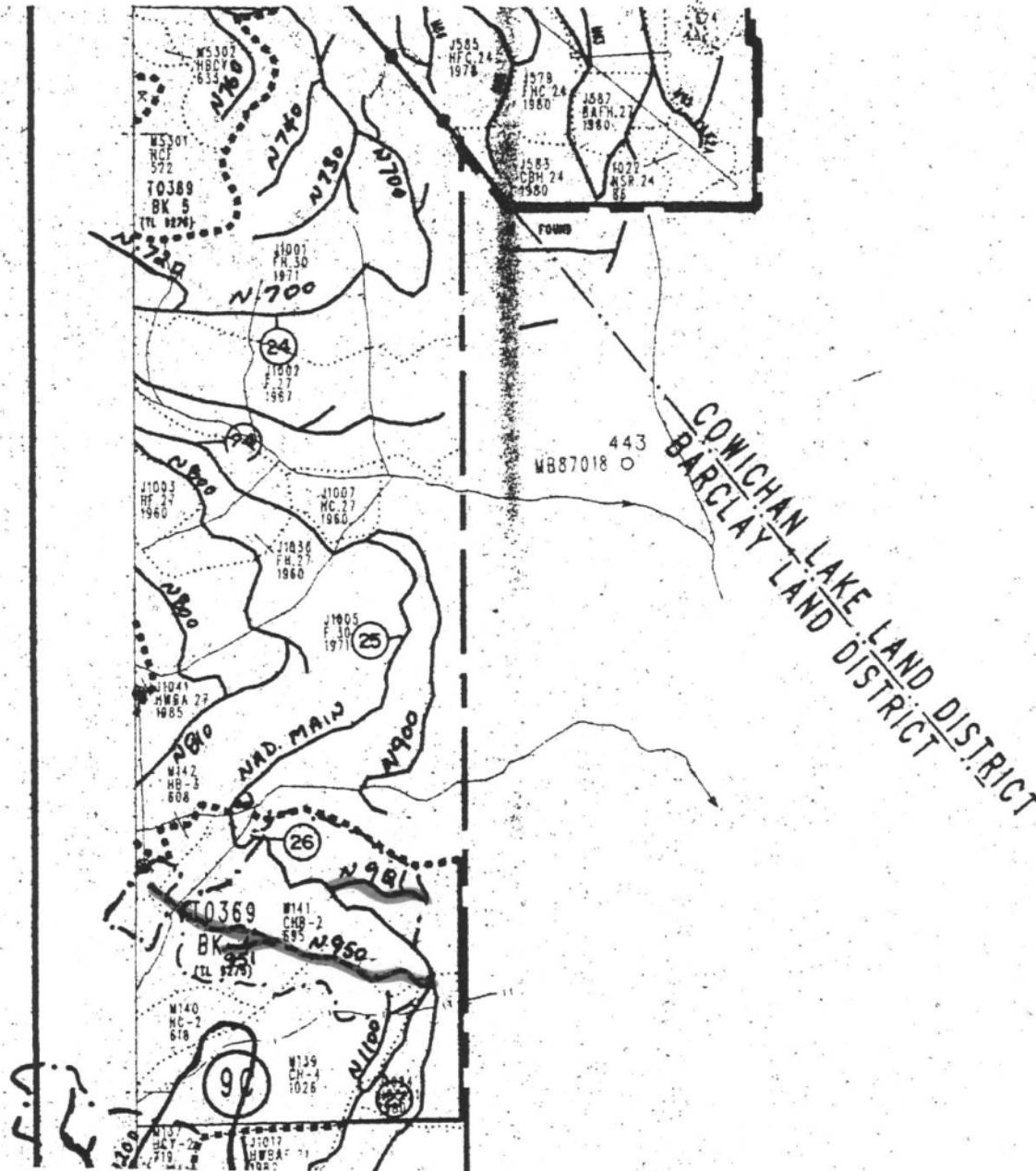
Attachment

cc: MB Ltd., Franklin Woodlands Div.

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #:9850

Opening:NAD950-1

C.P.#(old CP#2)


Approved Area:

Road Located

Amended Area:

Scale:1:20,000

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: 724-9261

 File(s): 11400-20, R04522
19700-40 - TFL 44, CP 2-Opening 9703

May 24, 1995

MacMillan Bloedel Limited
Franklin Woodlands Division
Port Alberni, British Columbia
V9Y 7N3

Dear Sir:

Reference is made to your application and commitments dated May 15, 1995. Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber from the area which is approximately 0.2 hectares as shown in red on the attached sketch. This allows for an enlargement of an old rock quarry for the resurfacing of the old road accessing opening 9703.

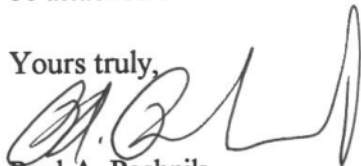
The quarry is located at approximately Station 0+500 on HC200. The area of the quarry is exempted from basic silviculture requirements under section 129.11 of the *Forest Act*.

Enlargement of this rock quarry is approved subject to the following conditions:

- (a) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines*.
- (b) Fully comply with the *Forest Road and Logging Trail Engineering Practices (Interim)*.
- (c) Prior to commencement of cutting, quarry boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (d) Utilization standards shall be as specified in the CP Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



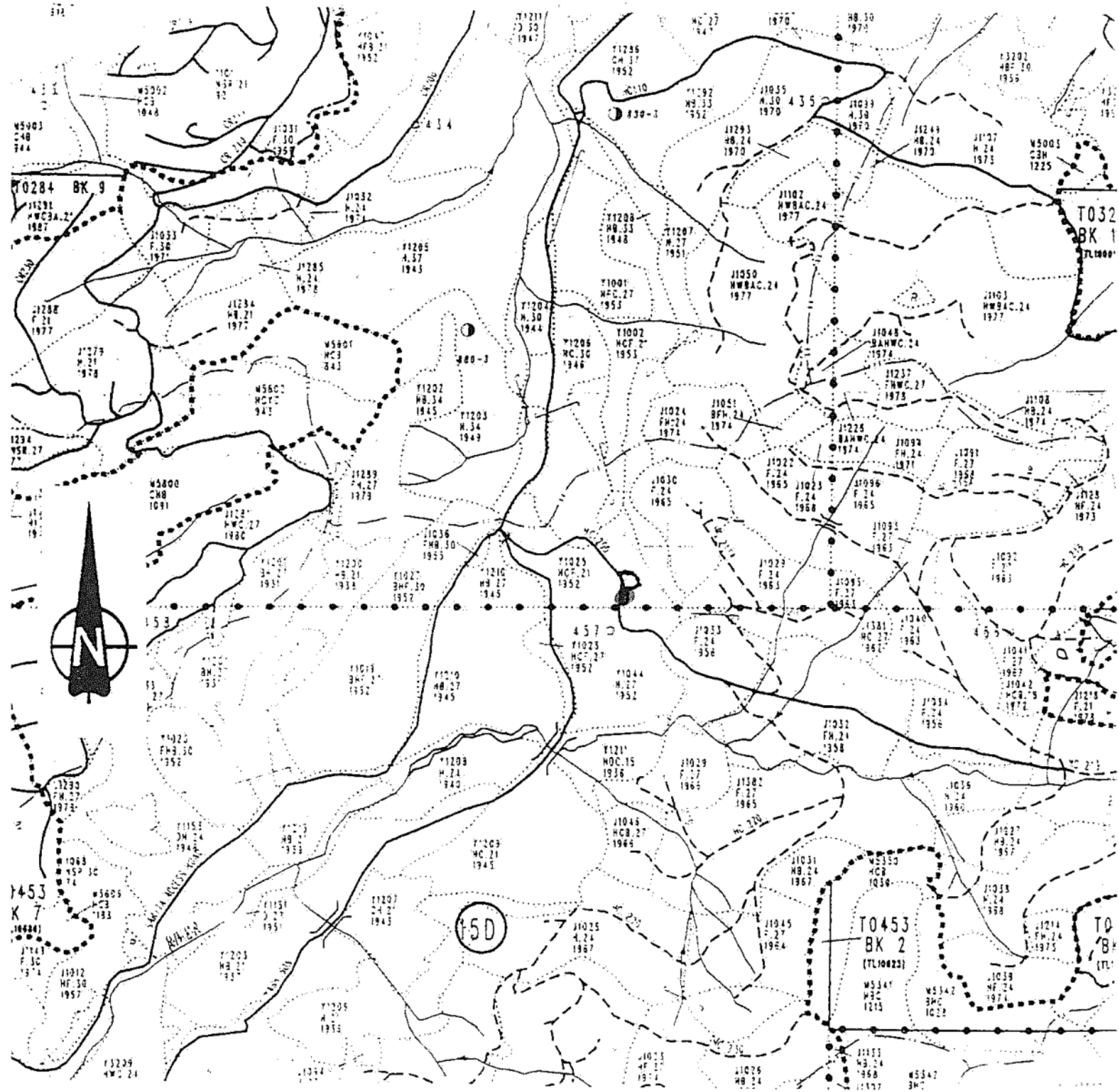
Paul A. Pashnik
District Manager
Port Alberni Forest District

Attachment

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment


T.F.L. 44



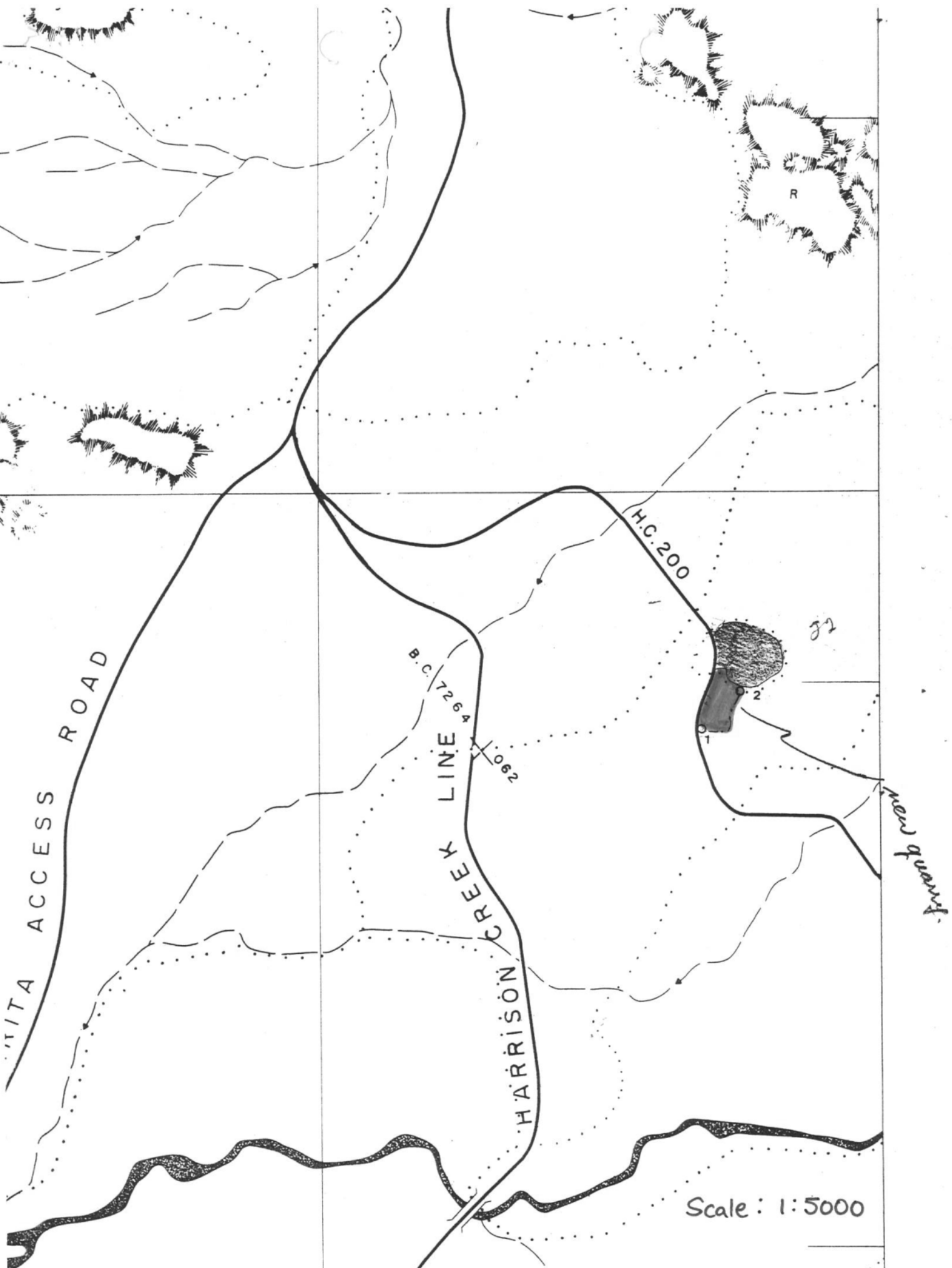
5 Year Plan #: 9703

Opening: HC213

C.P. 2

Amended Area: 

Scale: 20:000





Province of
British Columbia

Ministry
of Forests



140-20
R04522

LICENSEE

ADDRESS

McMillan Block Ltd
Franklin Woodlands

HARVEST INSPECTION REPORT

POSTAL CODE

TENURE TEL 44 C.P.

BLOCK

EXAMINATION DATE

Y M D
95 08 29

LOCATION South ML @ passing lane

BCGS MAP SHEET

OPENING NO.

NET MERCHANTABLE AREA : LOGGED ha; F & B ha; STANDING ha

LOGGING METHOD(S) TIMBER MARK(S)

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ Y - YARDING
☐ L - LOADING
☐ S - SALVAGING
☐ D - DEAD & DOWN

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- ☐ P - COMPLIANCE WITH LOGGING PLAN
☐ S - SNAGS FELLED
☐ R - RESIDUALS FELLED
☐ M - TIMBER MARKING SATISFACTORY
☐ L - LITTER REMOVED / DISPOSED OF
☐ U - UTILIZATION SATISFACTORY
☐ E - COMPLIANCE WITH ROAD SPECS
☐ C - STREAMSIDE MGT. STRAT. FOLLOWED
☐ W - WASTE ASSESS. COMPLETED IF DUE
☐ H - F.S. 117 COMPLETED
☐ I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME m³

TOTAL BILLED VOLUME m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y M D

REMARKS

- most actions issued 94/12/29 + 95/01/25 regarding replacement of culvert have been completed satisfactorily.

- in conversation with B Winters on 29/08/95 agreed to prepare armoring of downstream bank as large pipe should handle water - MB + MFS will monitor this creek during heavy precip - if over flow pipes from previous installation are required MB will be required to arm the overflow channel down stream.

THIS INSPECTION HAS REVEALED THAT OPERATIONS are BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S)

OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- routine maintenance

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y M D

ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) [Signature]

FOREST OFFICER (SIGNATURE) [Signature]

PRINT NAME

PRINT NAME

Ac 95/09/25



MacMillan Bloedel Limited

925 West Georgia Street
Vancouver, B.C. Canada V6C 3L2
Telex No.: 0451471
Telephone: (604) 661-8000
Facsimile: (604) 681-9674

Timberlands and Properties Division

For personal contact dial: 661-8194

Our File: P-0796-01
Your File: 11400-20 RO4522

July 6, 1995

Ministry of Forests
Port Alberni Forest District
4227 Sixth Avenue
Port Alberni, BC
V9Y 4N1

Attention: **P.A. Pashnik**
District Manager

Dear Sirs:

Re: Road Permit R04522 - Nitinat/Coleman

Further to your letter dated October 26, 1994, advising that the termination date for the above noted road permit has been changed from an indefinite expiry to September 23, 1995. Please accept this letter as our request to extend this road permit for a further term as MacMillan Bloedel plans continuing our logging operations in the permit area. We have no intentions on terminating the road permit at this time.

If you have any questions or concerns regarding this matter please feel free to contact me at the above number.

Yours truly,
MacMILLAN BLOEDEL LIMITED

Claire Wong, R.I. (B.C.)
Property Assistant



DATE: 95/06/21
FILE NO.: 11400-20

SUBJECT: Road Maintenance
and Rehabilitation Plans

R04522
4523
4524
4525

ATTENTION:

Enrica

File

Re: M+B Ltd., Franklin Woodlands Division
road maintenance and rehabilitation plans.

To date Harvesting - Monitoring and Enforcement, have not seen any road maintenance and rehabilitation plans that were^{required} to be submitted by Franklin Woodlands Div. Operational work has not commenced on the higher priority areas, as discussed at our meetings. The plans were going to be submitted as they were completed and work was to commence accordingly.

The above was discussed and reviewed with the Licensee at several meetings. I believe there was no follow-up with written instructions to the Licensee from the last two meetings.

We cannot monitor according to any plans until they have been submitted, reviewed and approved. We will continue to inspect & issue instructions for any road maintenance and rehab. work required, as part of our normal inspection procedures.

I don't know if this is another lower priority but it seems to be at a standstill. This is the time of year a lot of this work should be completed.

☐ ATTACHMENTS

Allen Goss
Field One Sun

From: EBEADLE --MFOR

Date and e

07/15/95 15:50:54

To: DWERICKS--MFOR01

Douglas Erickson

ACROSS --MFUR01

Allan Cross

SUBJECT: ROAD MAINTENANCE PLANS M.B. FRANKLIN

HAVE YOU SEEN ANY SUBMISSIONS FROM THE COMPANY ON THIS
TOPIC? THERE HAVE BEEN A LOT OF PIOUS PROMISES FROM THE
DIVISION ABOUT GETTING A PLAN TO US.

ERNIE

Regards,
EJ Beadle
Port Alberni Dist.
724-9205



Province of
British Columbia

Ministry
of Forests



11400-20
R04522

LICENSEE MacMILLAN BLOEDEL

ADDRESS FRANKLIN

WOODLANDS DIV

POSTAL CODE _____

HARVEST INSPECTION REPORT

TENURE TFL 44 C.P. _____ BLOCK _____ EXAMINATION DATE

Y	M	D
95	06	07

LOCATION CAYCUSE M/L BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- | | |
|---|--|
| <input type="checkbox"/> INTERIM REPORT | <input type="checkbox"/> Y - YARDING |
| <input type="checkbox"/> N - NO LOGGING TO DATE | <input type="checkbox"/> L - LOADING |
| <input type="checkbox"/> 1 - PART LOGGED - NOW INACTIVE | <input type="checkbox"/> S - SALVAGING |
| <input type="checkbox"/> A - ACTIVE | <input type="checkbox"/> D - DEAD & DOWN |
| <input type="checkbox"/> R - ROADS | |
| <input type="checkbox"/> P - PREPOLING | |
| <input type="checkbox"/> F - FALLING | |
| <input type="checkbox"/> FINAL REPORT | |
| <input type="checkbox"/> B - BLOCK COMPLETED | |
| <input type="checkbox"/> C - ALL BLOCKS COMPLETED | |

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- | | | | |
|--------------------------|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | S - SNAGS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | R - RESIDUALS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H - F.S. 117 COMPLETED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS - THE GRAVEL PIT APPROXIMATELY 1.3 km
SOUTH OF THE LAKE COWICHAN CUT OFF HAS
VERTICAL OR OVERHANGING SIDES

THIS INSPECTION HAS REVEALED THAT OPERATIONS _____ BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

_____ OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- CUT DOWN THE SLOPES OF THE PIT EDGE TO
45 DEGREES (CP DOCUMENT SCHEDULE 10.02 (m))

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	07	17

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) [Signature] FOREST OFFICER (SIGNATURE) Bill Harany

PRINT NAME D.G. EASON PRINT NAME BILL HARANY

Ac 95/06/09



Province of
British Columbia

Ministry of Environment,
Lands and Parks

BC
Environment

File: 11400-01
RO 4522

4515 Elizabeth Street
Port Alberni, B.C.
V9Y 6L5

May 8, 1995

Your File: TFL 44 CP 2

Our File: 92C.077
Nitinat Lake

Mr. Gord Eason, R.P.F.
Divisional Engineer
Franklin Woodlands Division
MacMillan Bloedel Limited
Port Alberni, B.C.
V9y 7N3

Dear Gord Eason:

Re: Road Failure Branch L110 - Looper Creek

Thank you for Mr. David Proudfoot's Terrain Report, dated March 25, 1995.

Both myself and C.O. Ken Broadland have had the chance to review the Geological Terrain Assessment. I will comment only on the L110 scenario, as Mr. Broadland has informed me that the Looper 130 situation is still under investigation by the C.O. Service - he will be contacting you in this regard.

L110

- The short term action that Mr. Proudfoot recommends for Branch L110 is to be carried out immediately. Additional longer term requirements are to be carried out during the fisheries window (July 15 - September 1).

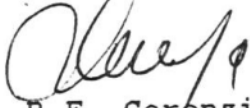
Discussion with the Forest Service is in order to determine if/or when their Small Business section wishes to utilize this road.

AC 95/05/23
Doug E.

.../ 2

Thank you for your co-operation in this regard.

Yours truly,



R.E. Cerenzia
Habitat Protection Technician
Fish and Wildlife

REC/jas

cc: A. Cross - FS, Port Alberni
B. Rushton - DFO, Port Alberni
K. Broadland - MOE, Duncan





Province of
British Columbia

Ministry
of Forests



11400 2-
TFL 44
R04522

LICENSEE MACMILLAN BLOEDEL

ADDRESS FRANKLIN

WOODLANDS DIV.

HARVEST INSPECTION REPORT

POSTAL CODE _____

TENURE TFL 44 C.P. _____ BLOCK _____ EXAMINATION DATE

Y	M	D
95	06	07

LOCATION CAYCUSE BRIDGE BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____: LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

CONTRACTUAL OBLIGATIONS:

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> INTERIM REPORT | YES | NO | N/A |
| <input type="checkbox"/> N - NO LOGGING TO DATE | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> 1 - PART LOGGED - NOW INACTIVE | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> A - ACTIVE | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> R - ROADS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> P - PREPOLING | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> F - FALLING | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Y - YARDING | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> L - LOADING | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> S - SALVAGING | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> D - DEAD & DOWN | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> FINAL REPORT | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> B - BLOCK COMPLETED | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> C - ALL BLOCKS COMPLETED | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | |
|--|
| <input type="checkbox"/> P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> S - SNAGS FELLED |
| <input type="checkbox"/> R - RESIDUALS FELLED |
| <input type="checkbox"/> M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> H - F.S. 117 COMPLETED |
| <input type="checkbox"/> I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS

- OLD BRIDGE TIMBERS + DECKING MATERIAL
REMAIN AT THE END OF THE CAYCUSE BRIDGE
(BESIDE THE MAINLINE)

THIS INSPECTION HAS REVEALED THAT OPERATIONS _____ BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

OF THE CUTTING PERMIT / LICENCE, THE FOLLOWING ACTION IS REQUIRED:

- REMOVE OLD BRIDGE MATERIAL + DISPOSE OF IT
SOMEWHERE OFF OF THE MAIN LINE

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
95	07	17

 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) [Signature] FOREST OFFICER (SIGNATURE) Bill Harany

PRINT NAME J. G. Eason PRINT NAME BILL HARANY



Province of
British Columbia

Ministry of
Forests

Dist. Manager
422 1/2 1st Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: (604) 724-9205
Fax: #724-9261



File(s): 11400-20 R04522
19700-40 TFL 44, CP 201
Opening 9781 (NAD150-2)

March 3, 1995.

MacMillan Bloedel Limited
Timberland & Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made your application dated January 18, 1995, for amendment of Road Permit R04522 of Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber and construct right-of-way from the area which is approximately 4.7 hectares as shown in red on the attached sketch and subject to the following provisions:

- (a) The following roads are approved for construction:

N120 - Station 0+000 to Station 0+600

N121 - Station 0+000 to Station 0+676

N150 - Station 0+760 to Station 1+774

N154 - Station 0+000 to Station 0+048

Road construction is subject to the Resource Officer Engineering's approval letter dated February 15, 1995 and all the previous correspondence regarding the Engineering Access Review dated November 14, 1994.

- (b) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines (CFFG)*.

...../2

Page 2

MB- Properties Div.

- (c) Fully comply with the *Forest Road and Logging Trail Engineering Practices (FRLTEP)*.
- (d) Road construction shall be in accordance with the specifications contained in the approved Management and Working Plan for TFL 44.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (f) Utilization standards shall be as specified in the CP Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

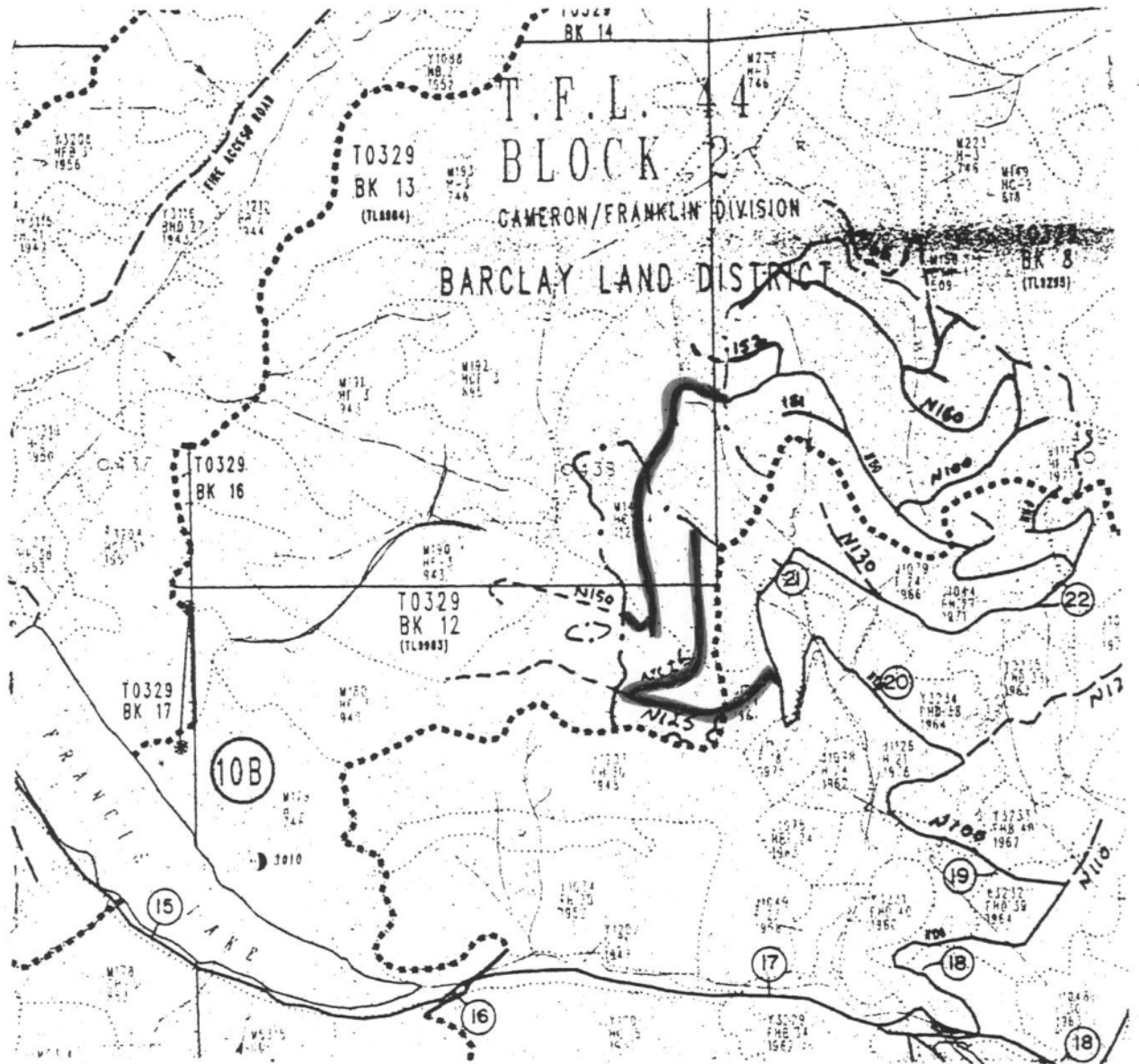
cc: D.G. Eason, R.P.F., MB Ltd., Cameron/Franklin Division

p/major/tempc/201.doc

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44




5 Year Plan #:9781

Opening:NAD150-2

C.P.#201

Approved Area:

Road Located 

Amended Area:

Scale:1:20,000



File: 11400-20 R04522
19700-40
TFL 44, CP New
Opening 8760

March 7, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated february 10, 1995, for amendment of Road Permit R04522, within Tree Farm Licence (TFL) 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber and construct right-of-way from the area which is approximately 3.4 hectares as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following road is approved for construction:
FL920 - Station 0+000 to Station 1+715.
- (b) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines (CFFG)*.
- (c) Fully comply with the *Forest Road and Logging Trail Engineering Practices (FRLTEP)*.

...../2

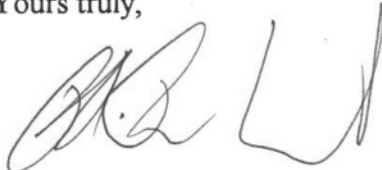
Page 2

M.B. Ltd. - Properties Div.

- (d) Road construction shall be in accordance with the specifications contained in the approved Management Plan for Tree Farm Licence No. 44.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (f) Utilization standards shall be as specified in the Cutting Permit Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



Paul A. Pashnik
District Manager
Port Alberni Forest District

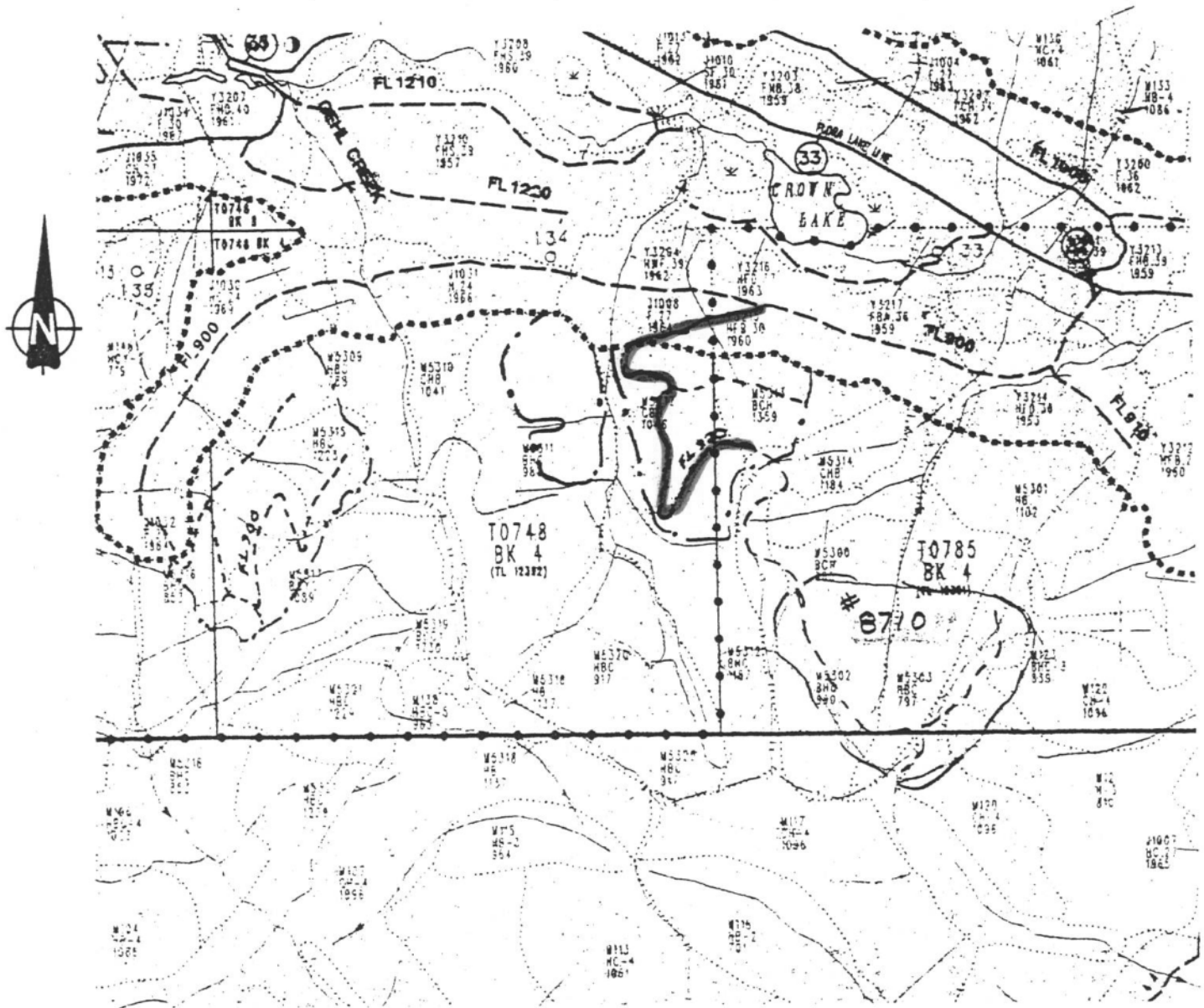
Attachment

cc: G. Eason, R.P.F., MacMillan Bloedel Limited, Cameron/Franklin Division

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #8760

Opening: FL920-2

C.P.#1

Approved Area:

Road Located 

Amended Area: 

Scale: 1:20,000



Province of
British Columbia

Ministry of
Forests

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: 724-9261



File(s): 11400-20, R04522
19700-40 - TFL 44, CP New
Opening 8785

April 12, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated February 17, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber from the area which is approximately 2.74 hectares and construct road as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following road is approved for construction:

Branch 60-F Station 2+285 to Station 3+655

Subject to D. Erickson's letter dated February 16, 1995.

- (b) Permission is also granted to rehabilitate:

*Branch 60-C Station 0+000 to the junction of Branch 60-F
Branch 60-F Station 0+000 to Station 2+285*

- (b) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines*.

- (c) Fully comply with the *Forest Road and Logging Trail Engineering Practices (Interim)*.

...../2

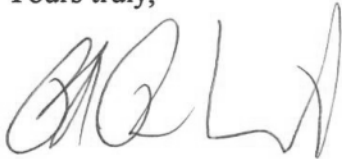
Page 2

MB Ltd., Properties Div.

- (d) Road construction shall be in accordance with the specifications contained in the approved Management Plan for TFL No. 44.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (e) Utilization standards shall be as specified in the CP Document.
- (f) Construction is subject to strict adherence to wet weather shutdown guidelines, in light of the close proximity to Class A waters.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



Paul A. Pashnik
District Manager
Port Alberni Forest District

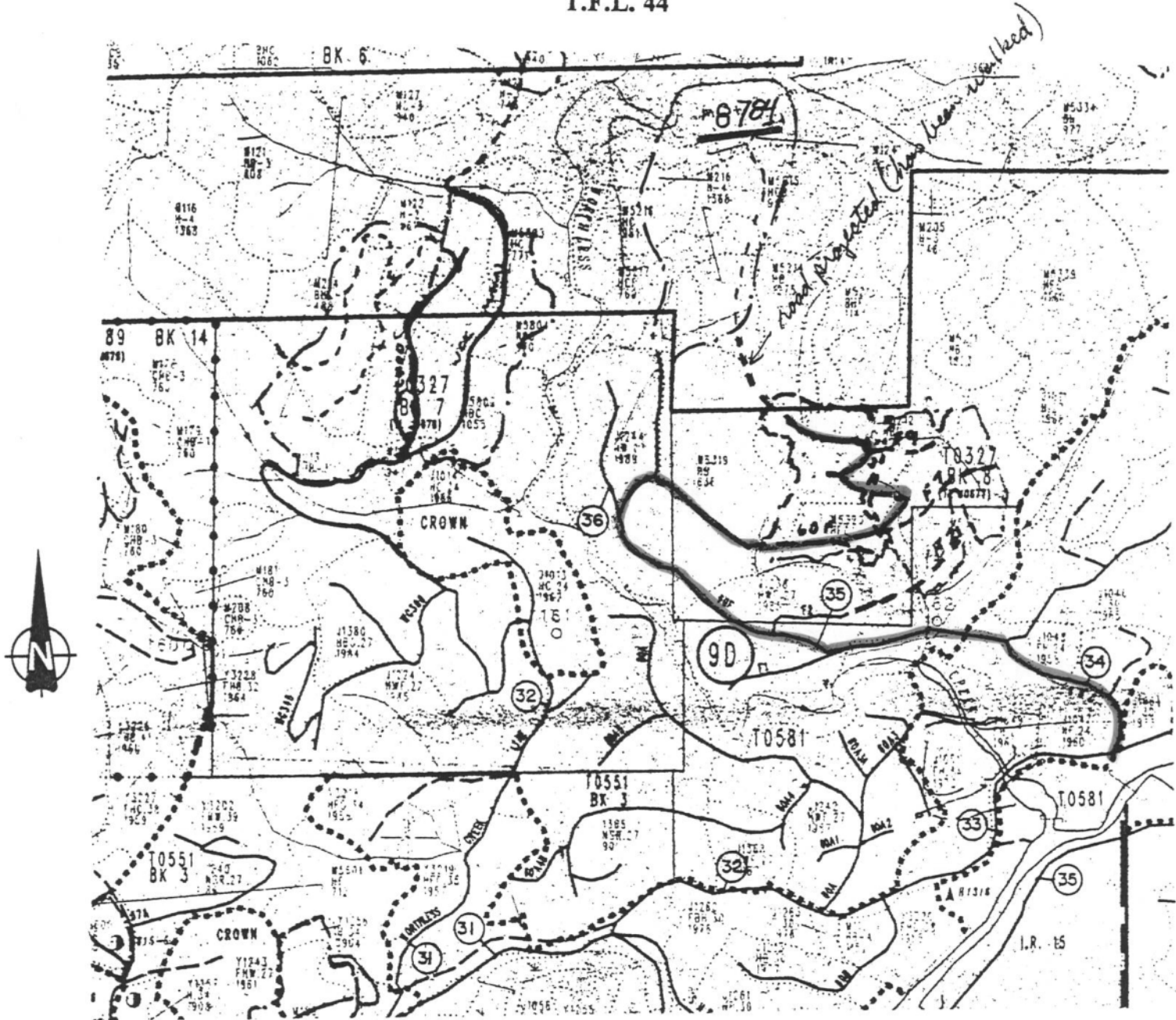
Attachment

cc: MB Ltd., Franklin Woodlands Div., Port Alberni

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44




5 Year Plan #:8785

Opening:BR60F-2

old C.P.#2

Approved Area:

Road Located 

Amended Area: 

Scale:1:20,000



File: 11400-20 R04522
19700-40
TFL 44, CP New
Opening 9703

March 14, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated January 23, 1995, for amendment of Road Permit R04522, within Tree Farm Licence (TFL) 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber and construct right-of-way from the area which is approximately 3.13 hectares as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following roads are approved for construction:

HC213 - Station 0+000 to Station 1+532
HC213C - Station 0+000 to Station 0+033

- (b) End haul locations and spoil sites are to be located as per Doug Erickson's March 6, 1995 engineering approval letter.
- (c) Fully comply with the revised 3rd Edition of the *Coastal Fisheries/Forestry Guidelines (CFFG)*.
- (d) Fully comply with the *Forest Road and Logging Trail Engineering Practices (FRLTEP)*.

...../2


Page 2


M.B. Ltd. - Properties Div.

- (e) Road construction shall be in accordance with the specifications contained in the approved Management Plan for Tree Farm Licence No. 44.
- (f) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (g) Utilization standards shall be as specified in the Cutting Permit Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



 ~~Paul A. Pashnik~~
District Manager
Port Alberni Forest District

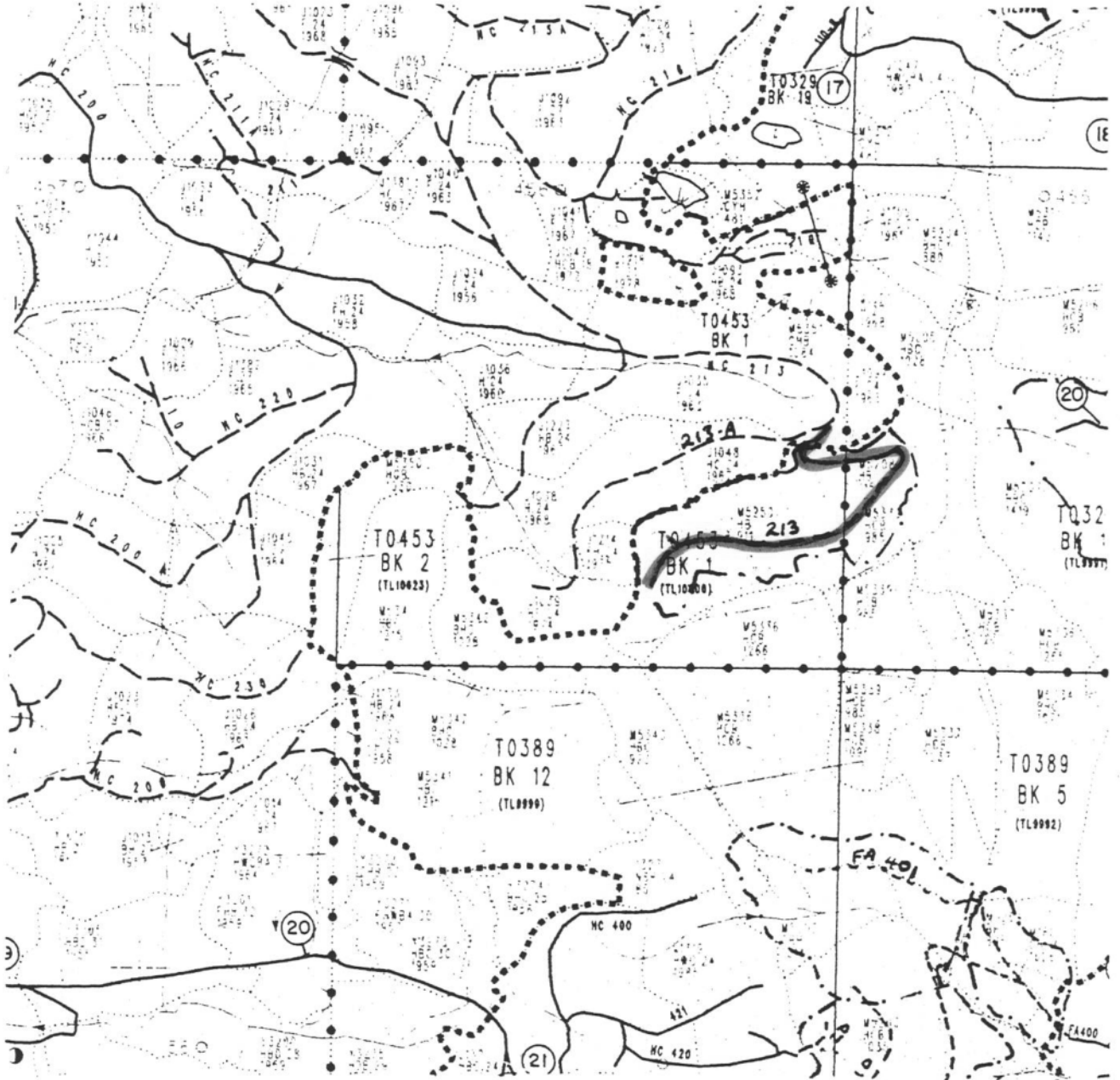
Attachment

cc: D.G. Eason, R.P.F., MB Ltd., Franklin Woodlands Div., Port Alberni

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #:9703

Opening: HC213-2

C.P. (old CP#2)

Approved Area:

Road Located

Amended Area:

Scale:1:20,000



Province of
British Columbia

Ministry of
Forests

District Manager
4000 West Avenue
Port Alberni,
British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261



File: 11400-20 R04522
19700-40 TFL 44, CP 201
Openings 8712 & 9781

March 20, 1995

D.G. Eason, R.P.F.
MacMillan Bloedel Limited
Franklin Woodlands Division
Port Alberni, British Columbia
V9Y 7N3

Dear Sir:

Reference is made to your application and commitments dated November 29, 1994, for amendment of Road Permit R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 10.04 of Road Permit R04522, permission is hereby granted to erect gates associated with Openings 8712 and 9781 of Cutting Permit (CP) No. 201.

The erection of the gates is approved subject to:

- (a) gates shall not be a hazard to users of the road.
- (b) location of gate(s) shall be in a conspicuous location, adequately marked with permanent reflective material that is clearly visible to the operator of a motor vehicle from a safe stopping distance.
- (c) warning signs shall be located to give operators of vehicles warning of the obstruction.
- (d) placement on branch and spur roads only.
- (e) gates shall only block access during active harvesting operations on openings.

This letter forms an integral part of Road Permit R04522 and should be attached thereto.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District



File(s): 11400-20
R04522, R04523, R04524,
R04525, R04555, R04556

April 5, 1995

D.G. Eason, R.P.F.
MacMillan Bloedel Limited
Franklin Woodlands Division
Port Alberni, British Columbia
V9Y 7N3

Dear Gord:

Re: Deletion from Road Permits.

The District staff will review and recommend to the District Manager approval of deletions from your existing road permits under the following conditions:

Category "A"

- (i) The roads are no longer required for active harvesting operations as defined by the current approved development plan or the soon to be submitted 1995-2000 development plan. and
- (ii) The roads have been deactivated to the standards required by the *Forest Road and Logging Trail Engineering Practices (FRLTEP)*.

or

Category "B"

- (i) The roads have not been used for harvesting operations since the road permit award date in 1991. and
- (ii) The roads are not scheduled for use in the current approved development plan or the soon to be submitted 1995-2000 development plan.

...../2

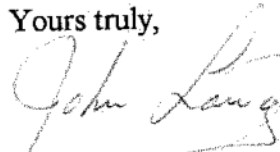
Page 2

D.G. Eason, R.P.F.

Franklin Woodlands should submit to the District any roads requiring deletion from road permits. The submission must include 1:20 000 maps and the deletion category as defined in this letter.

If you have any questions regarding these road permit deletions; please give me a call.

Yours truly,



John B. Laing, R.P.F.

Tenures Officer

Port Alberni Forest District

cc: K. Matthews, D. Erickson, R. Dolighan, MoF, Port Alberni Forest District

p/major/tempj/varrp.doc

9/12/28



- No
culvert!



- Extra
Wide
Ditchline



- Partially
Functional
Culverts.

Klanawa Mainline

Upper



U.K. Mainline
94/12/28

- Accelerated Ditch erosion (due to lack of culverts)
MB has continued to place shotrock here

- A ditch block with riprap would be appropriate here to contain water to the culvert shown

- Picture which exemplifies an overall lack of culverts.





Province of
British Columbia

BC
ENVIRONMENT

MEMORANDUM

TO:

Al Barker
MB Cam/Franklin

FROM:

Bob Cerenzia

Ministry of Environment,
Lands and Parks
4515 Elizabeth Street
Port Alberni, B.C.
V9Y 6L5

SUBJECT:

DATE:

FILE:

road repair & add on Mc near H500

Jan 11/95

Cam/Fran
92C 278
McGillivray

☐ For your information
☐ Please Process

☐ Please O.K. and Return
☐ Return With More Details

☐ Please Discuss With Me
☐ Investigate and Report

☐ Per Your Request
☐ Please Answer

☐ For Your Signature
☐ For Your File

Further to our meeting of Jan 10/95 with yourself, B. Sullivan & M. Sten

As discussed, temporary fix of crossing is acceptable - no excavation in creek channel - major work construction to be done in early part of summer (June) when downstream flows have emerged from the gravel and flows have diminished

Downstream deposition area to be left as is, it is apparent that this sort of 'flooding' does occur naturally, although the frequency and severity of such events has undoubtedly been exaggerated (increased) by past logging practices upstream.

Jeff

The future use of this road will have to be determined. If this road is going to be used a new structure will have to be put in. If not a plan for deactivation will be req'd.

AE 95/01/16

cc A Cross - F2 Port Alberni

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261



File(s) ⁰⁵ 11400-20 R07655 Amendment # 95-17
19700-40 TFL 44, CP 2
Opening 8854

November 3, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated October 30, 1995, for amendment of Road Permit No. R07655 within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to construction of a helicopter service landing and including a short portion of Br 61K and a spur road in the road permit to access the landing.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District

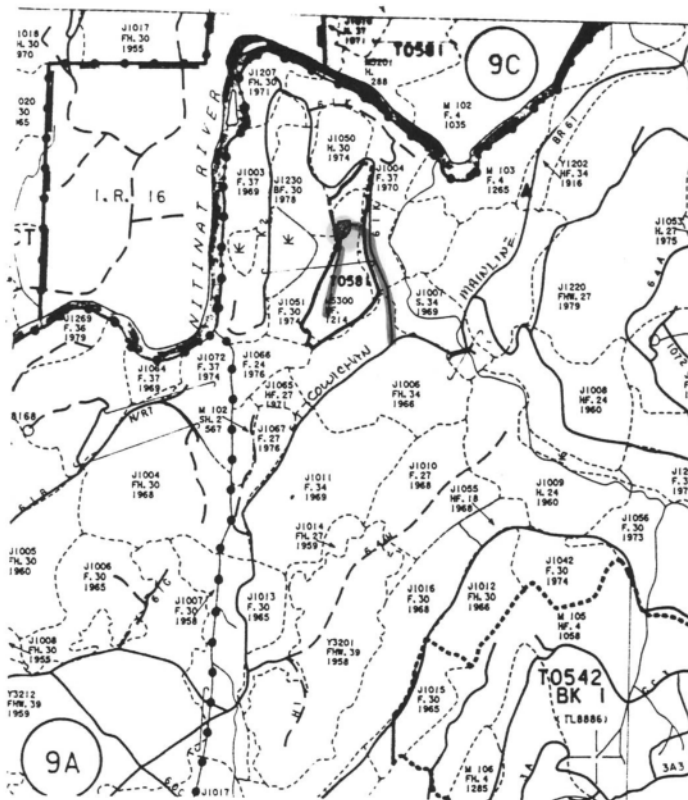
Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

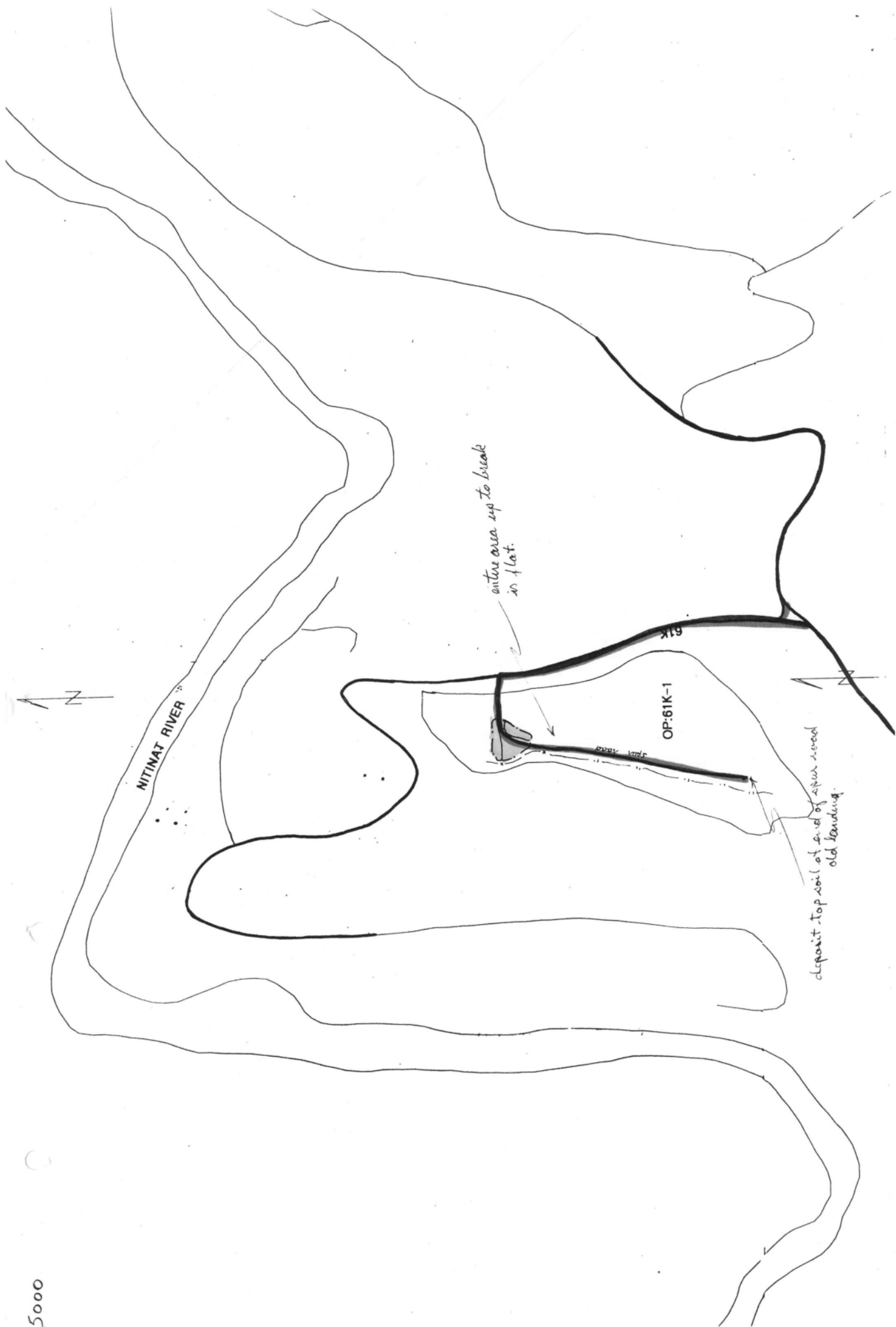
SCHEDULE 'C'

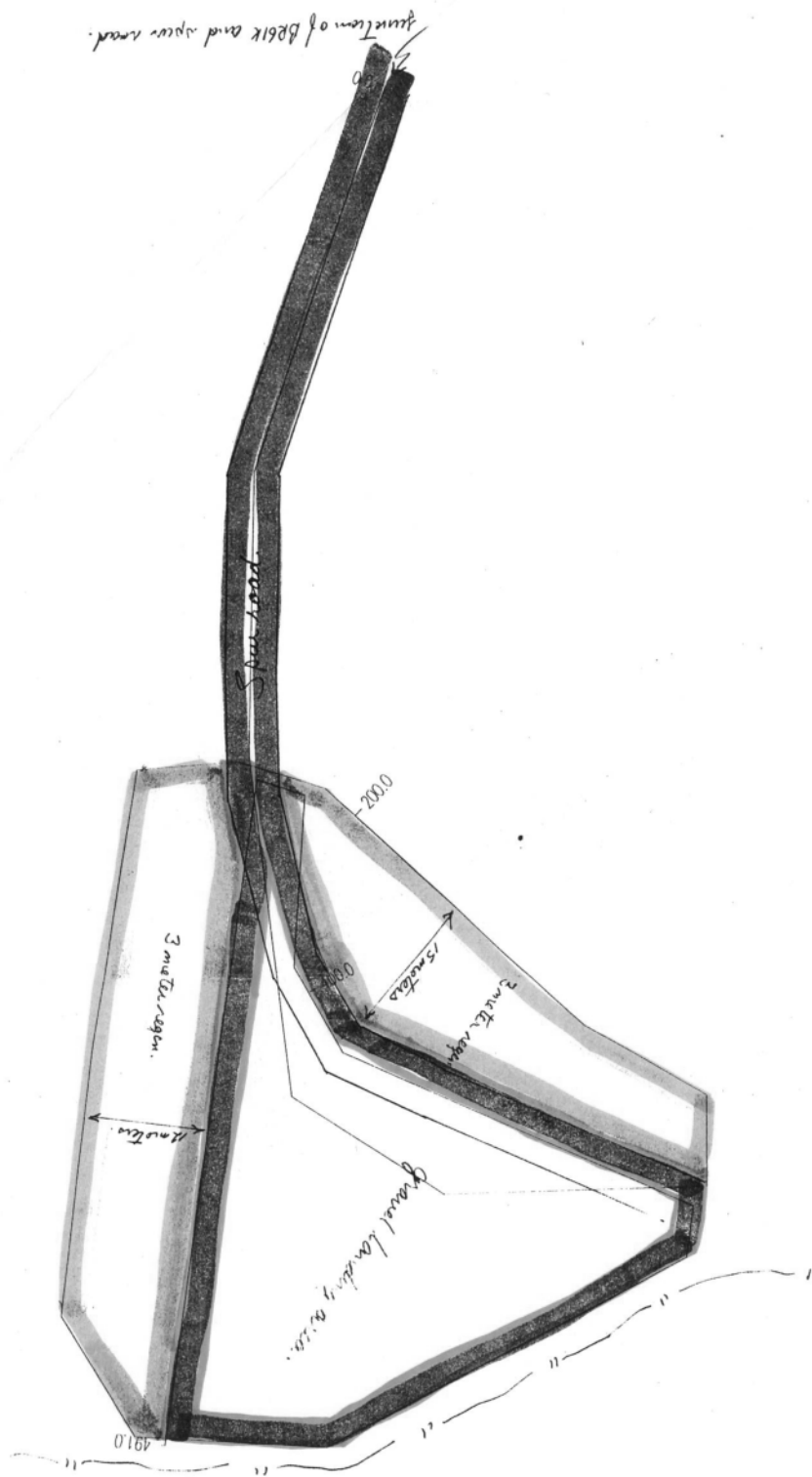
Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The roads shown in red on the attached map are amended to this road permit for access to the service landing. This road will be used for pick-up and fuel truck access only.
- The helicopter service landing shown in yellow on the attached map is approved as follows:
 - Approximately half of the designated helicopter service landing area is occupied by a ballasted wide section in the road as indicated in orange on the attached 1:500 scale map.
 - In order to accommodate the size of the helicopter, additional area between 12-15 meters wide on either side of the wide spot in the road will be cleared and ballasted, as indicated in green on the attached 1:500 scale map. Overburden from this cleared area will be deposited on the landing located at the end of the spur road. Total approximate area of the landing is 0.25 ha.
- Damage to regeneration outside the approved landing areas is not permitted.
- The landing zone boundaries are to be marked prior to commencement of operations with orange ribbon.
- This approval will provide a long term service landing for future helicopter logging in the area.



1:5000





SERLND.MAP	Scale 1:500	P. 1
C:\ROADENG\DATA\BROG\SERLND.MAP		95/10/27

25
→ File(s) 11400-20 R07655 Amendment # 95-11
19700-40 TFL 44, CP New
Opening 9790

November 2, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

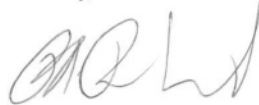
Dear Sir:

Reference is made to your application dated September 13, 1995, and resubmission dated October 23, 1995 for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to the reconstruction of road NAD500 required to access Opening 9790.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

SCHEDULE 'A'

AMENDMENT NUMBER: 95-11

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

2

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
NAD500	ROUND CULVERT	L165	.120	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	.180	N/A	800mm	N	N/A	
NAD500	ROUND CULVERT	L165	.290	N/A	500mm	N	N/A	Metal culvert in place & functioning.
NAD500	ROUND CULVERT	L165	.340	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	.435	N/A	500mm	N	N/A	Metal culvert in place & functioning.
NAD500	ROUND CULVERT	L165	.460	N/A	800mm	N	N/A	
NAD500	ROUND CULVERT	L165	.670	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	.772	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	.960	N/A	500mm	N	N/A	Metal culvert in place & functioning.
NAD500	ROUND CULVERT	L165	1.065	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	1.165	N/A	600mm	N	N/A	
NAD500	ROUND CULVERT	L165	1.205	N/A	600mm	N	N/A	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

g/major/tempc/582a/9790.doc

Sheet 3 of 3


ROAD NAME	NAD 500				
SECTION (KM - KM)	0 - 1.205				
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N				
LOGS USED TO RETAIN FILL (Y/N)	N/A				
STUMPS LEFT IN PLACE (Y/N)	N/A				
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A				
- END HAUL	N/A				
- BURY	N/A				
- SCATTER	N/A				
- PILE & BURN	N/A				
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A				
ORGANICS IN FILL (Y/N)	N/A				
CONSTRUCTION SURVEY (Y/N)	Y				
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A				
WASTE SITE LOCATIONS (KM)	N/A				
SURFACING (DEPTH MM)	0.3				
GRAVEL PIT LOCATIONS (KM)	1.018 - 1.045				
BORROW LOCATIONS (KM)	N/A				
OTHER: SPECIFY					
NUMBER OF R/W LANDINGS PER KM	N/A				
LOCATION OF R/W LANDINGS (KM)	N/A				

F.S. 582A ENG 95/6

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be  until such time as the following occurs:
 - (a) CP 2 expires or otherwise terminated. In the event this occurs prior to the scaling or the right-of-way wood, the closest active CP to this amendment shall be the timber mark. The District Manager shall make such a re-designation of the timber mark.
 - (b) The CP for Opening 9790 is approved. The mark shall be designated CROWN timber mark for this CP.

Timber Utilization Standards, pursuant to paragraph 5.01:

- (a) Obligatory
All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.
- (b) Obligatory
 - (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
 - (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
 - (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
 - (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
 - (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.
- Optional
 - (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

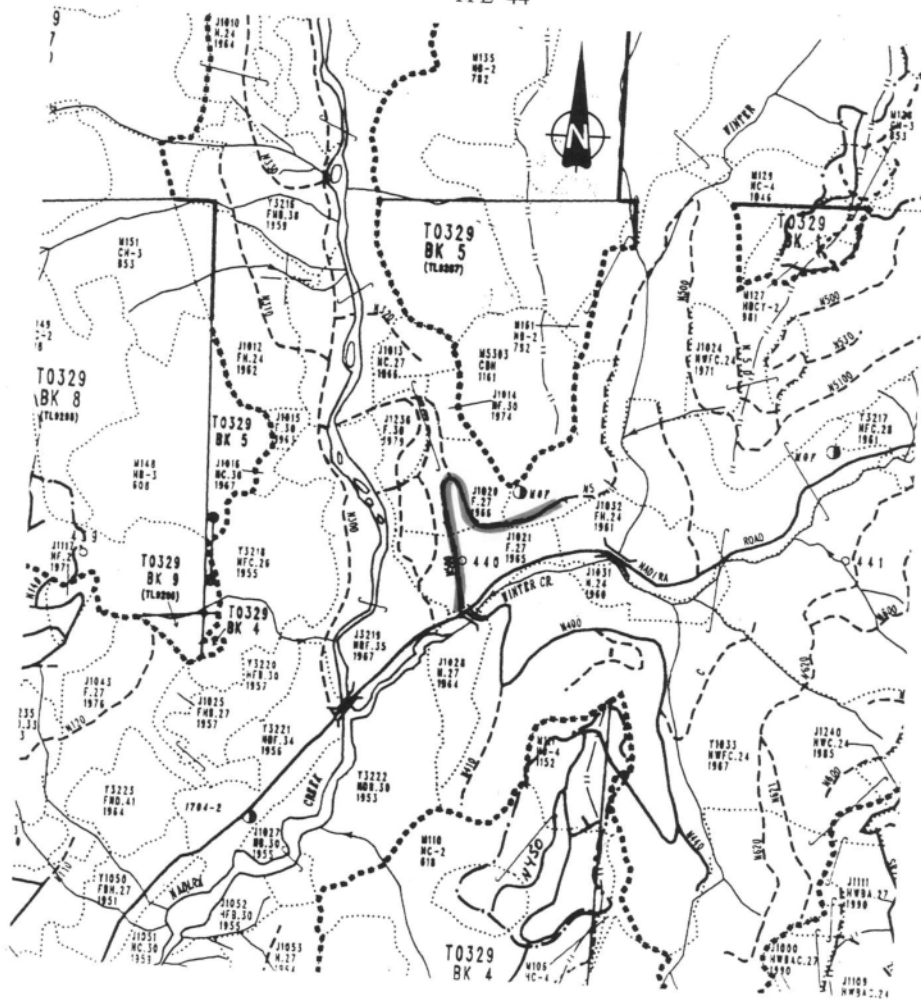
SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.

FRANKLIN WOODLANDS

TFL 44



5 YEAR PLAN # 9790

OPENING: NAD 500 - 2

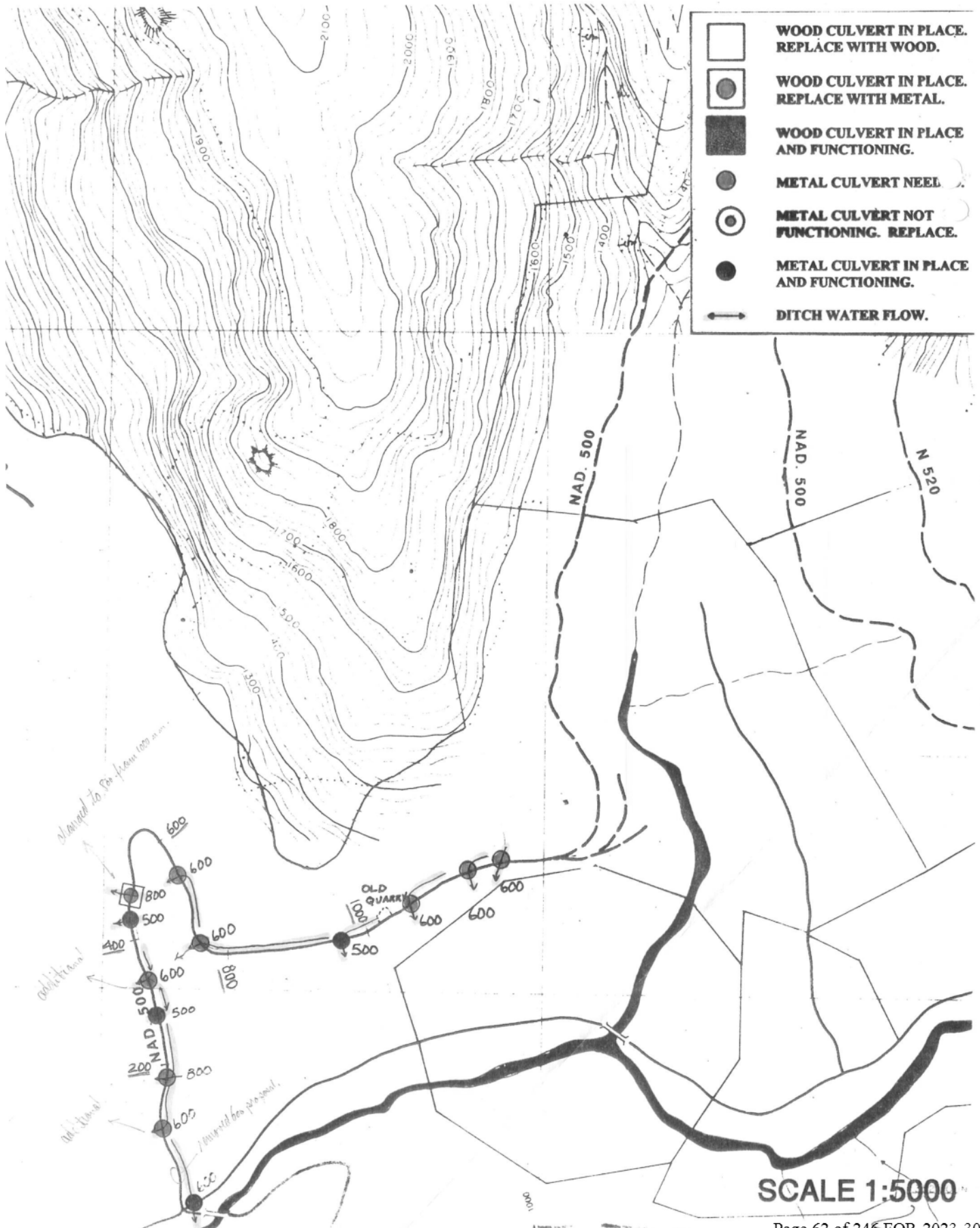
CP 2

ROAD PERMIT NUMBER: R 07655

SCALE 1: 20 000

AMENDED AREA: 

NAD 500-2 #9790





File(s) 11400-20 R07655 Amendment # 95-16
19700-40 TFL 44, CP 2
Opening 8879

October 31, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

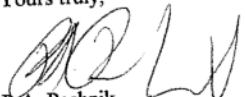
Dear Sir:

Reference is made to your application dated June 29, 1995, for amendment of Road Permit No. R07655 within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A B, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to construction of helicopter landings and including short portions of built road in the road permit to allow for additional landing areas and upgrading of portions of road GC 7.

Yours truly,


P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

**ROAD PERMIT - DESIGN CRITERIA
SCHEDULE 'A'**

ROAD PERMIT NUMBER: R 07655 AMENDMENT NUMBER: 95-16

ROAD NAME/REFERENCE:	GC - 7	GC -7 -C				
SECTION (KM - KM)	0+000 - 2+033	0+000 - 0+190				
USE OF PERMIT:						
CONSTRUCT/MODIFY AND MAINTAIN	YES	YES				
USE AND MAINTAIN EXISTING ROAD	-	-				
ROAD TYPE*	-	-				
COMMUNITY WATERSHED (Y/N)	N	N				
LIKELIHOOD OF LANDSLIDES (L OR M/H)	L	L				
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)	1	1				
AVERAGE CLEARING WIDTH (m)	N/A	N/A				
FINISHED ROAD WIDTH (m)	6	6				
DITCH DEPTH IN O.M. (m)	1	1				
DITCH DEPTH IN ROCK (m)	0.3	0.3				
USABLE TURNOUT LENGTH/WIDTH (m)	N/A	N/A				
TURNOUTS: INTERVISIBLE (Y/N)	N/A	N/A				
TURNOUTS: MINIMUM # PER KM	N/A	N/A				
MIN. CURVE RADIUS (m)	N/A	N/A				
MAX. FAV. SUSTAINED GRADE (%)	N/A	N/A				
MAX. ADV. SUSTAINED GRADE (%)	N/A	N/A				
MAX. FAV. SHORT PITCH GRADE (%)	N/A	N/A				
MAX. ADV. S.P. GRADE (%)	N/A	N/A				

- *ROAD TYPE OPTIONS:
1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
 2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
 3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
GC - 7	ROUND CULVERT	L 165	0+044	N/A	800	N	N/A	
GC - 7	"	"	0+153	N/A	600	N		
GC - 7	"	"	0+227	N/A	800	N		
GC - 7	"	"	0+313	N/A	600	N		OLD CULVERT FUNCTIONING
GC - 7	"	"	0+475	N/A	800	N		
GC - 7	"	"	0+599	N/A	800	N		
GC - 7	"	"	0+765	N/A	600	N		
GC - 7	"	"	0+850	N/A	800	N		
GC - 7	"	"	0+957	N/A	800	N		
GC - 7	"	"	1+031	N	1X3m	N		OLD AND FUNCTIONING. INLET WILL BE CLEANED
GC - 7	"	"	1+125	N/A	800	N		
GC - 7	"	"	1+326	N/A	800	N		
GC - 7	"	"	1+489	N/A	800	N		
GC - 7	"	"	1+750	N/A	600	N		
GC - 7	"	"	1+883	N/A	800	N		
GC - 7	"	"	2+033	N/A	800	N		

GC-7 -C	ROUND CULVERT	L 165	0+002		800	N		
GC-7 -C			0+113		800	N		

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
 Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

- NOTE:**
- All bridges are considered fixed except those indicated 'Φ' (in structure location column).
 - Include all culverts other than cross drains.
 - For deck type: use symbols shown on bridge inspection forms.

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME	GC 7	GC 7-C				
SECTION (KM - KM)	0+000 - 2+033	0+000 - 0+190				
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N/A	N/A				
LOGS USED TO RETAIN FILL (Y/N)	N/A	N/A				
STUMPS LEFT IN PLACE (Y/N)	N/A	N/A				
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A	N/A				
- END HAUL	N/A	N/A				
- BURY	N/A	N/A				
- SCATTER	N/A	N/A				
- PILE & BURN	N/A	N/A				
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A	N/A				
ORGANICS IN FILL (Y/N)	N/A	N/A				
CONSTRUCTION SURVEY (Y/N)	Y	Y				
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A	N/A				
WASTE SITE LOCATIONS (KM)	1+393	N/A				
SURFACING (DEPTH MM)	N/A	N/A				
GRAVEL PIT LOCATIONS (KM)	0+421	N/A				
BORROW LOCATIONS (KM)	N/A	N/A				
OTHER: SPECIFY	N/A	N/A				
NUMBER OF R/W LANDINGS PER KM	N/A	N/A				
LOCATION OF R/W LANDINGS (KM)	N/A	N/A				

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be



For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The roads shown in red on the attached map are amended to this road permit to allow for upgrading for the purpose of hauling timber from opening 8879.
- The landing zones shown in blue on the attached map are approved as follows:

Landing Zone #1	end of spur GC-7C	0.1 Ha.
Landing Zone #2	Spur GC-7C station 0+000 to 0+050	0.1 Ha.
Landing Zone #3	GC-7 at approximately station 1+450 to 1+512 The District Manager hereby grants an exemption from the requirement under Section 34(2) of the <i>Forest Practices Code Act Operational Planning Regulation</i> as per section 34(3)(a) and (b). A minimum distance of 17 meters must be maintained between the landing area and the adjacent creek.	0.4 Ha.
Landing Zone #4	GC-7 at approximately station 1+688 to 1+750	0.2 Ha.

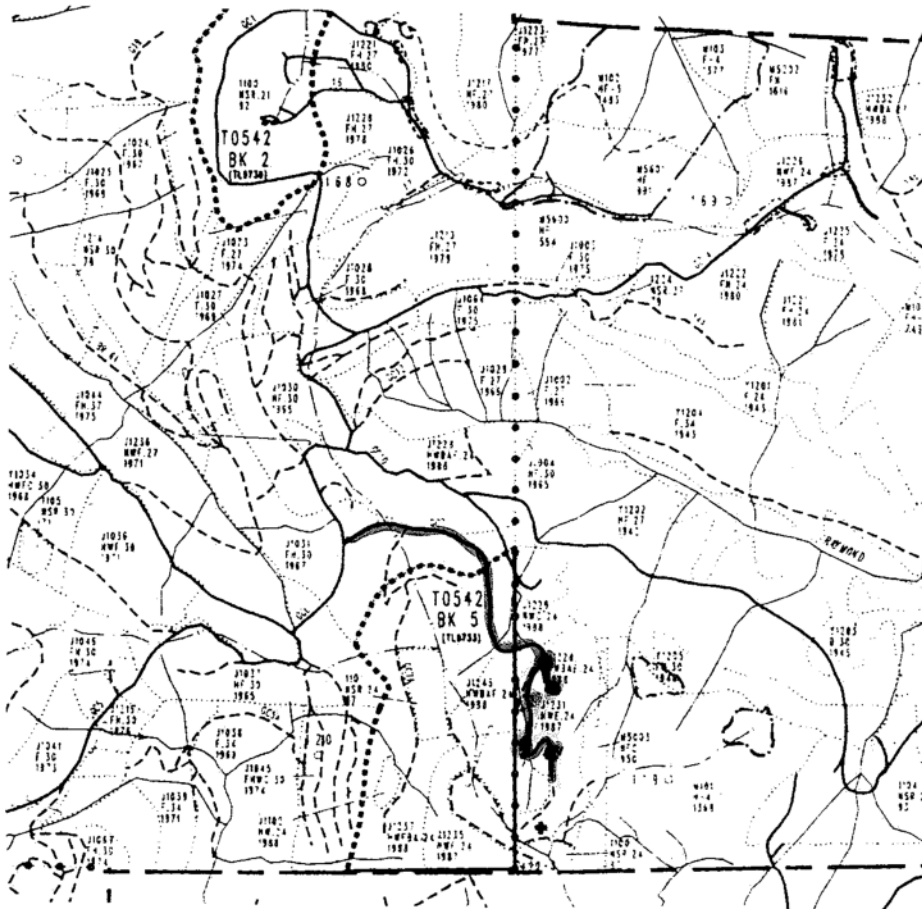
No additional site loss permitted for landings 1-4. Disturbance is limited to previously constructed road and landing surfaces.

- Damage to regeneration outside the approved landing areas is not permitted.
- The landing zone boundaries are to be marked prior to commencement of operations with orange ribbon hung on the adjacent regeneration and red paint on stumps and logs along the boundary.

.../2

- The road shown in yellow on the attached map may be also utilized for landing logs subject to:
 - (a) Use is allowed only if all approved landings are fully utilized.
 - (b) Maximum disturbance of regeneration on either side of the already degraded road surface is 5 metres. The road sides must be re-stocked with conifers following utilization as landing areas for Opening 8879.
 - (c) MoF-Monitoring and Enforcement Supervisor will be notified when these roads are being used as landings so field inspections can be arranged.
- The old pullback section located on road GC-7 at approximately station 0+700 to 0+850 will have to be widened in order to allow safe passage of logging trucks. This road must be re-established using a full bench cut. The road must remain within the original road right-of-way.
- The materials from the old pullback section located on road GC-7 at approximately station 1+300 to 1+400 were deposited at this location up against the cutbank. These materials will have to be removed to open up the road. These materials will now be deposited on an old landing area located at approximately station 1+300 above GC-7 as indicated in pink on the attached maps. The deposition materials must remain on old degraded site and necessary drainage ditches must be maintained or constructed.
- The Schedule A will supersede the road reconstruction map, should there be any discrepancy between the two.

MacMillan Bloedel Limited
Franklin Woodlands Division
Road Permit Amendment
RO4522
Coleman/Nitinat
T.F.L.44




5 Year Plan: #8879

Opening: GC10

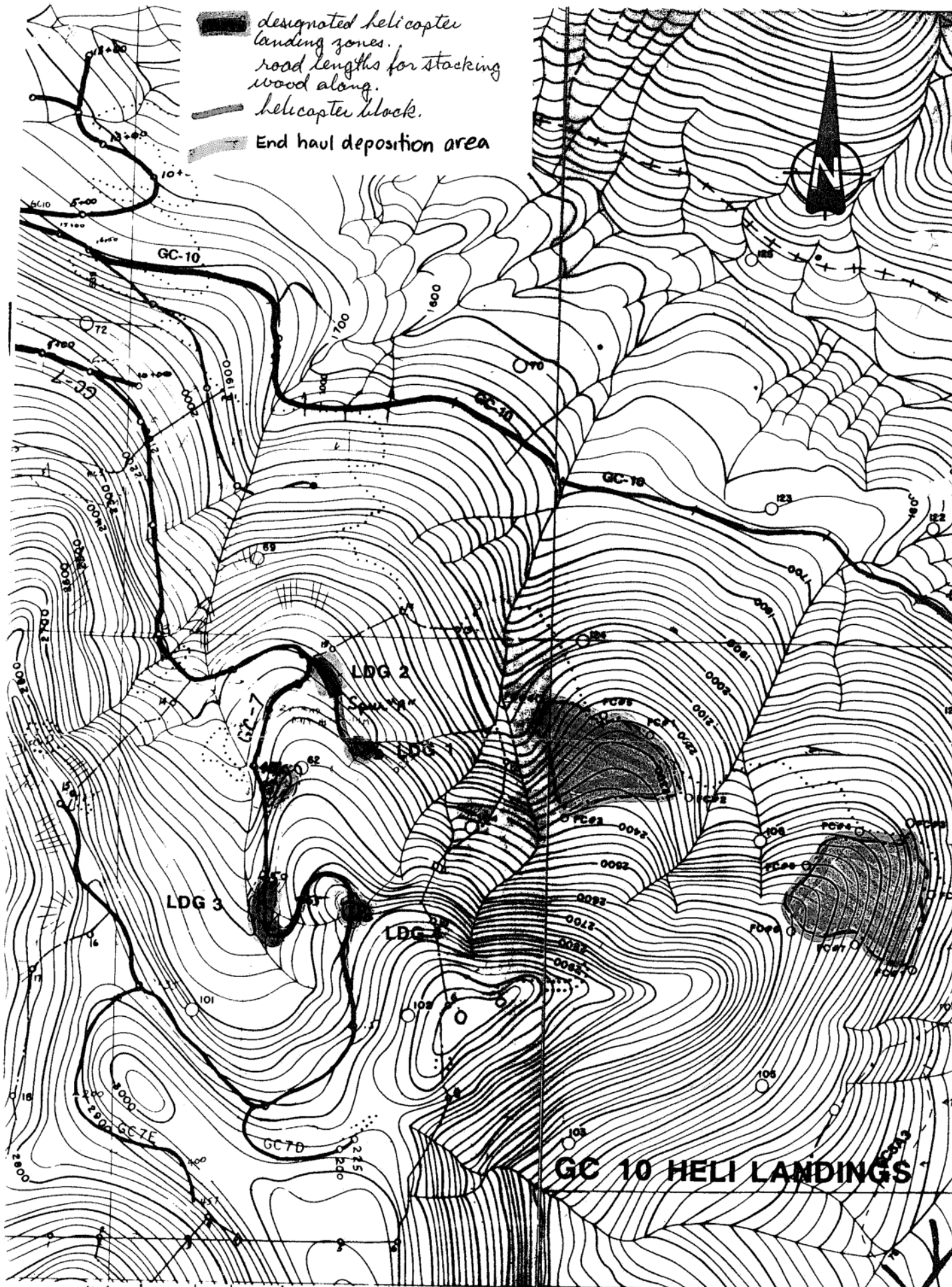
old C.P.#2

Approved Area:

Road Located -----

Amended Area: 

Scale: 1:20,000



OP AREA	4.6	METHOD	HA	VOLUME	HAMMERMARK	VOLUME	SPECIES
ENG 925	RW	—	—	SETTING	44/2	4300	FIR 23
OPC 1260	WRW	—	—	—	—	—	HEMLOCK 67
CP	GV	—	—	—	—	—	BALSAM 10
HAUL 71km / 53km	HL	—	—	RW	—	—	CEDAR
MAP 92C/15 61E	HELI	—	—	—	—	—	CYPRESS
92C/16 42W	SUB	—	—	—	—	—	SPRICE
SCALE 1:5000	TOTAL	4.6	4300	GRAND TOTAL	4300	4300	TOTAL 100
FIELD WORK 1F 77/1	NON PRO	—	—	CROWN	4300	4300	OWN
DATE 19 04 1995	DUCTIVE	—	—	—	—	—	—
CHECKED	SETTING	4.6	4300	GRAND TOTAL	4300	4300	N/A
DATE	TOTAL	4.6	4300	—	—	—	—

APPROVED FOR FILING

ENGINEERING

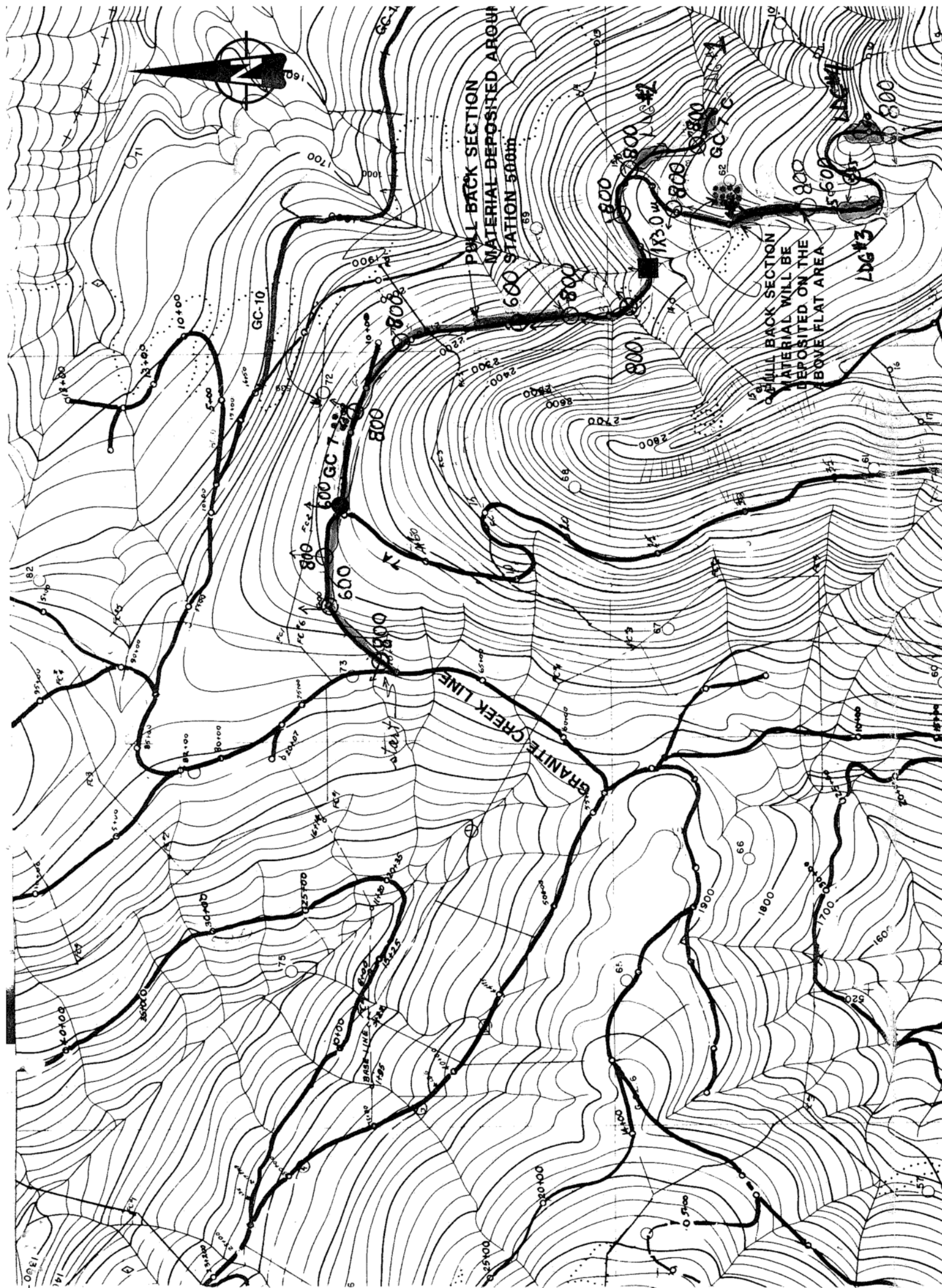
PRODUCTION

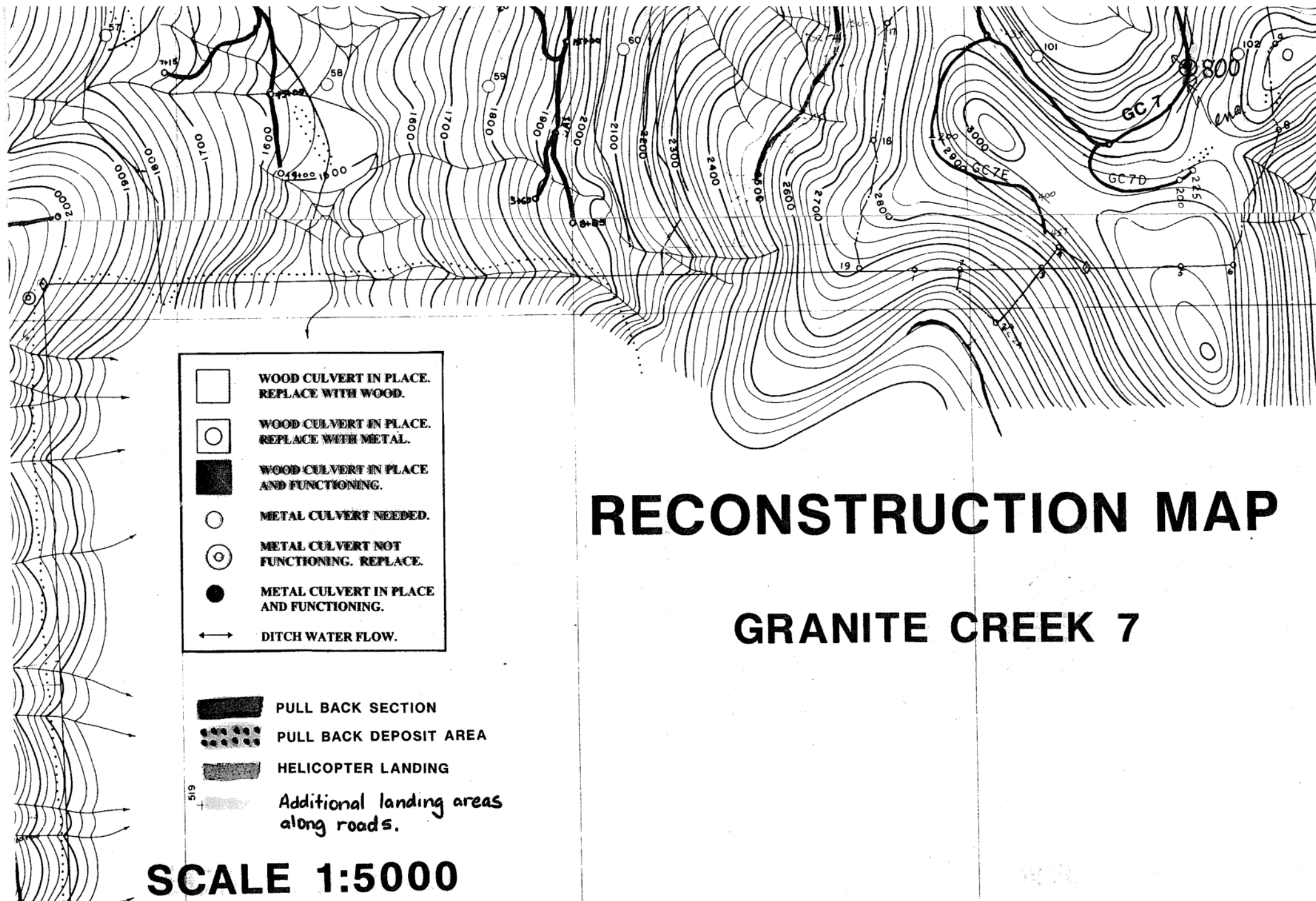
LAT 48°51'48"
LONG 124°29'30"

GC 10

OPENING NUMBER

8879







File(s) 11400-20²⁵ R07655 Amendment # 95-15
19700-40 TFL 44, CP 2
Opening 8733

October 26, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated June 29, 1995, for amendment of Road Permit No. R07655 within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) B, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to construction of helicopter landings and including short portions of built road in the road permit to allow for additional landing areas.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be



For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

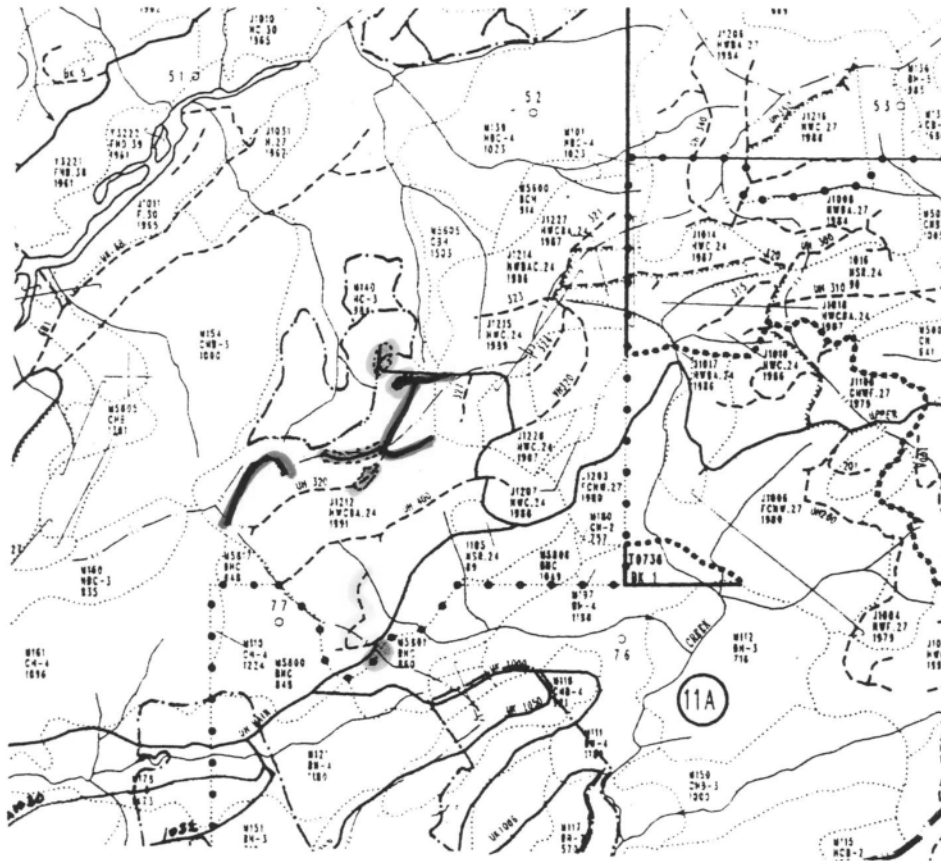
- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The landing zones shown in pink on the attached map are approved as follows:

Landing Zone #1	UH320 and stub spur	0.3 Ha.
Landing Zone #2	Spur #2 Station 0+000 to 0+216	0.7 Ha.
Landing Zone #3	Spur A Station 0+000 to 0+102	0.4 Ha.
Landing Zone #4	End of spur #1 Approx. 0+255 to 0+425	0.5 Ha.
Landing Zone #5	(Service Landing) UHMain across from UH500	0.3 Ha.

Ballast will be recovered from UH500 as indicated in yellow on the attached map to be used for construction of landing #5. This portion of UH500 will not be used again in the future and will be fully rehabilitated and planted with suitable species once the ballast has been removed.

- Damage to regeneration outside the approved landing areas is not permitted.
- The landing zone boundaries are to be marked prior to commencement of operations with orange ribbon hung on the adjacent regeneration and red paint on stumps and logs along the boundary.
- The road shown in red on the attached map may be also utilized for landing logs subject to:
 - (a) Use is allowed only if all approved landings are fully utilized.
 - (b) Maximum disturbance of regeneration on either side of the road is 5 metres. The road sides must be re-stocked with conifers following utilization as landing areas for Opening 8733.
 - (c) MoF-Monitoring and Enforcement Supervisor will be notified when these roads are being used as landings so field inspections can be arranged.

MacMillan Bloedel Limited
 Franklin Woodlands Division
 Road Permit Amendment
 RO4522 7655 Amendment # 95-15
 Coleman/Nitinat
 T.F.L.44



5 Year Plan: #8733

Opening: UH320

old C.P.#2

Approved Area:

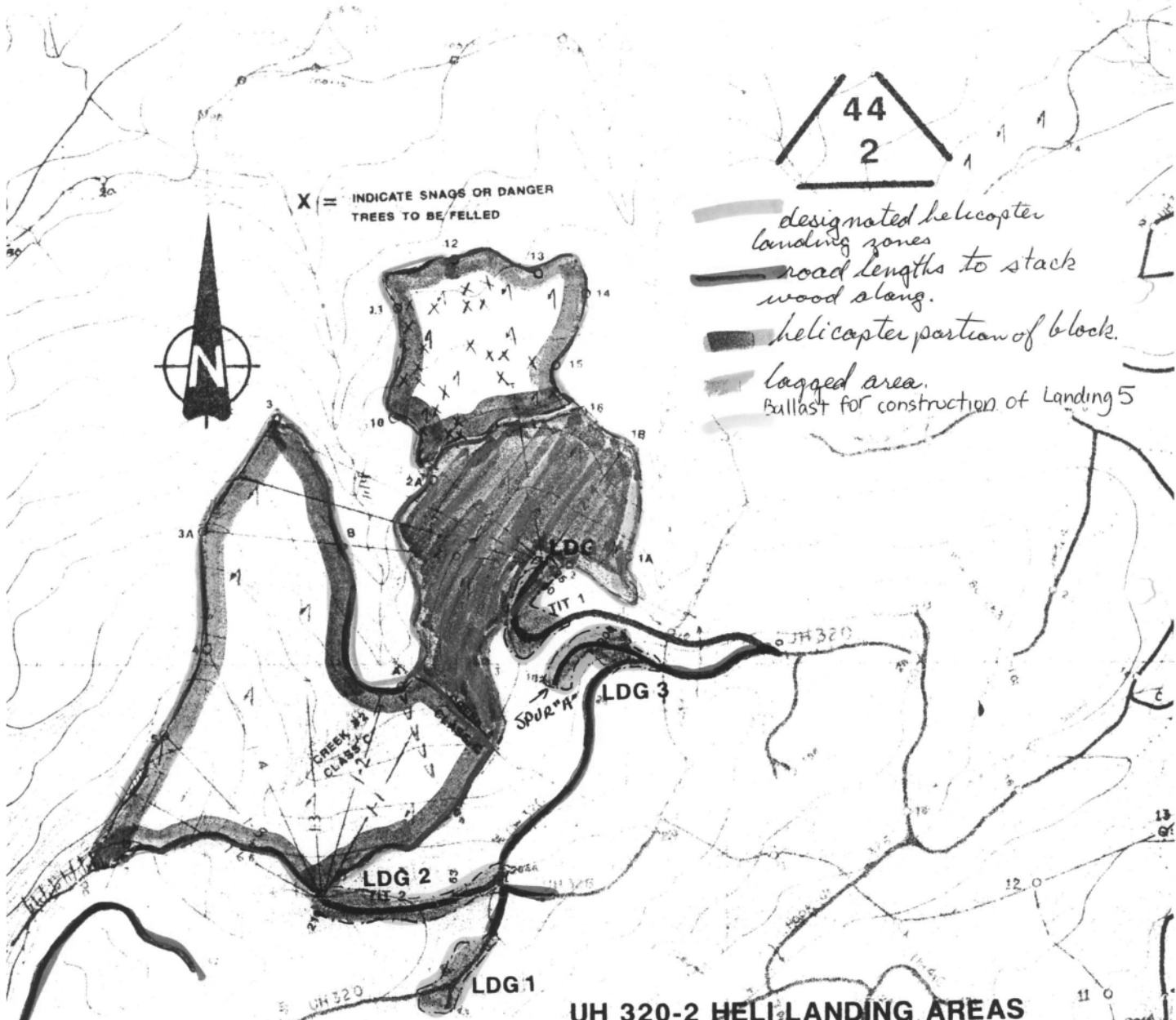
Road Located -----

Amended Area: ~~-----~~

Scale: 1:20,000

Helicopter landings

Ballast supply



UH 320-2 HELI LANDING AREAS

UH320-2 SETTING COMMENTS

In the area enclosed by EC-A and EC-B to fall only the danger trees and snags marked with a blue X
Windfalls lying in the center along the back line should be bucked and yarded if possible

STREAMSIDE MANAGEMENT PLAN - UH 320-2 (8733)

Creek #1 (Large Class C)

Portion below EC-A has been ribboned out of the opening and NO trees should be felled into it or across it

Above EC-A fall away where safe to do so and machine clean concurrent with logging

Creek #2 (Medium Class C)

Fell away where safe to do so and machine clean concurrent with logging

SERVICE LANDING 5

LDG #
1 - 3
2 - 7
3 - 4
4 - 5
5 - 3 S.L.
2.016

take ballast from this road section

OP. AREA COLEMAN	METHOD	HA.	VOLUME	HAMMERMARK	VOLUME	SPECIES	%
ENG 800	RW	-	-	SETTING 44/2	16500	PIR	
OPC 384	WRW	-	-			HEMLOCK	55
CP	GV	-	-			BALSAM	12
HAUL 45.5 Km	H/L	6.1	4900	RW		CEDAR	33
MAP 92.5 24W						CYPRESS	
SCALE 1:5,000						SPRUCE	
FIELD WORK	SUB TOTAL	22.2	16500	GRAND TOTAL	16500	TOTAL	100
DATE MAY 9, 1972	NON-PRODUCTIVE	-	-	CROWN	16500		
CHECKED	SETTING TOTAL	22.2	16500	OWN		m ³ /Km	17800
	RW OUTSIDE OPENING	-	-				

APPROVED FOR FELLING

ENGINEERING

PRODUCTION

LAT 48° 48' 30"
LONG 124° 44' 15"

UH320-2

OPENING NUMBER

File(s) ^{25 7655} 11400-20 R07655 Amendment # 95-14
19700-40 TFL 44, CP 202
Opening 8785

October 19, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

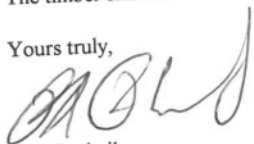
Reference is made to your application dated July 17, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B and C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to the extension of Branch road 60F from Station 3+655 to 3+746.

The timber shall be marked to the appraised timber licence marks, once they have been assigned.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

**ROAD PERMIT - DESIGN CRITERIA
SCHEDULE 'A'**

ROAD PERMIT NUMBER: R07655 AMENDMENT NUMBER: 95-14

ROAD NAME/REFERENCE:	BR60F						
SECTION (KM - KM)	3.655 - 3.746						
USE OF PERMIT:							
CONSTRUCT/MODIFY AND MAINTAIN	YES						
USE AND MAINTAIN EXISTING ROAD							
ROAD TYPE*	PERMANENT						
COMMUNITY WATERSHED (Y/N)	N						
LIKELIHOOD OF LANDSLIDES (L OR M/H)	L						
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)	1						
AVERAGE CLEARING WIDTH (m)	20						
FINISHED ROAD WIDTH (m)	6						
DITCH DEPTH IN O.M. (m)	1.0						
DITCH DEPTH IN ROCK (m)	0.3						
USABLE TURNOUT LENGTH/WIDTH (m)	10/3						
TURNOUTS: INTERVISIBLE (Y/N)	N						
TURNOUTS: MINIMUM # PER KM	1						
MIN. CURVE RADIUS (m)	20						
MAX. FAV. SUSTAINED GRADE (%)	5						
MAX. ADV. SUSTAINED GRADE (%)	N/A						
MAX. FAV. SHORT PITCH GRADE (%)	10						
MAX. ADV. S.P. GRADE (%)	N/A						

*ROAD TYPE OPTIONS: 1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

G/MAOR/TEMPC/FS582A/BR60F.DOC

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME	BR60F					
SECTION (KM - KM)	3+635 - 3+746					
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N					
LOGS USED TO RETAIN FILL (Y/N)	N					
STUMPS LEFT IN PLACE (Y/N)	N					
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)						
- END HAUL						
- BURY						
- SCATTER						
- PILE & BURN						
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	3					
ORGANICS IN FILL (Y/N)	Y					
CONSTRUCTION SURVEY (Y/N)	N					
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N					
WASTE SITE LOCATIONS (KM)	N/A					
SURFACING (DEPTH MM)	300					
GRAVEL PIT LOCATIONS (KM)	N/A					
BORROW LOCATIONS (KM)	N/A					
OTHER: SPECIFY						
NUMBER OF R/W LANDINGS PER KM	N/A					
LOCATION OF R/W LANDINGS (KM)	N/A					

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

G/MAOR/TEMPC/FS582A/BR60F.DOC

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber marks shall be the appraised timber licence timber marks (once they have been assigned), that is applicable to the timber to which the road provides access and so designated by the District Manager.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

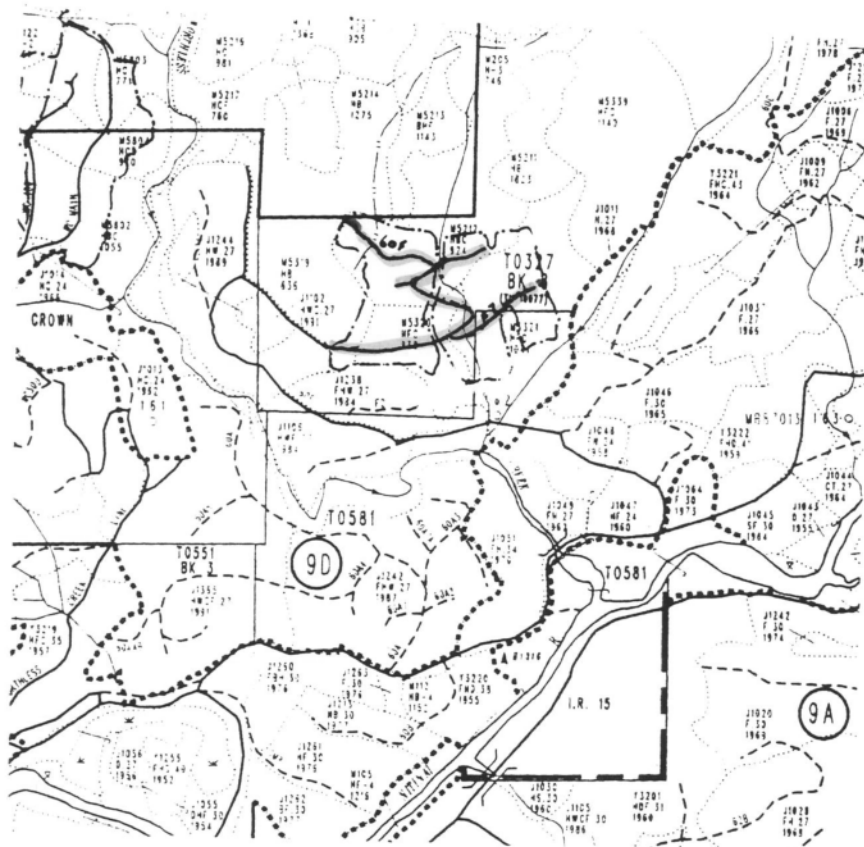
Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

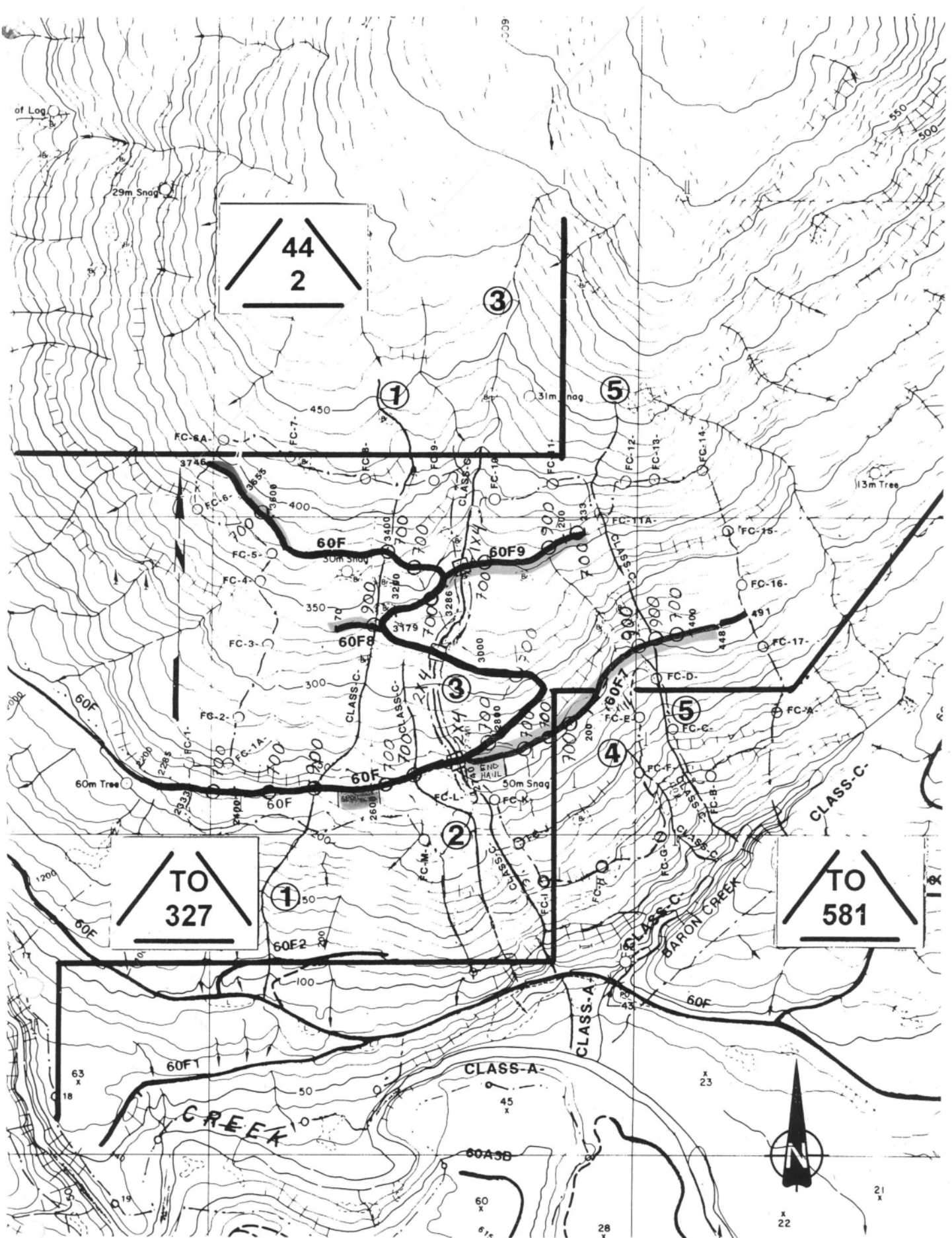
- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The plans/profiles dated July 12, 1995 shall form an integral part of this permit.
- Branch road 60F7 Station 0+448 to 0+491 is not approved at this time.



old C.P.#2

Road Located ~~_____~~

Scale: 1:20,000



CONSTRUCTION MAP

OP AREA COLEMAN		HAMMERMARK	VOLUME	ROAD NAME	START	END	TOTAL	AV % SLOPE	APPROVED FOR FALLING		LAT 48° 53' 15" LONG 124° 37' 45"		COPIES	
MD 800	ENG 800	RRW	3700	BR 60F	2285	3655	1370	45	amended road				DWG ENG	
PER HA	CP 935	TO/327		F2	306	730	430	45	approved road				GEN FOR	
HAUL 59 KM	TO/581		300	F7	0	447	447	30	ENGINEERING				BULLBUCK	
MAP 92C087:4-4	GRAND TOTAL 4000			F8	0	70	70	30	PRODUCTION				FALLERS	
SCALE 1:5000	END HAUL			F9	0	233	233	40					RAW BOOK	
FIELD WORK MUF KC	END HAUL												GRADE FOR	
DATE DEC	END HAUL												GRADE WALL	
CHECKED	DUMP SITE												OPERATOR	
													TREEBOOK	
													HA	
													TIM DEV	
													1st AD	
													SHOP	

BR 60F2

8785



File(s) ²⁵ 11400-20 R07655 Amendment # 95-13
19700-40 TFL 44, CP New
Opening 9730

October 18, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated September 29, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) B, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to falling a wide right of way at the end of roads Nadira 473, 480, 490 in opening 9730 for the construction of three landings

The timber shall be marked to the appraised timber licence marks, once they have been assigned.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber marks shall be the appraised timber licence timber marks (once they have been assigned), that is applicable to the timber to which the road provides access and so designated by the District Manager.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

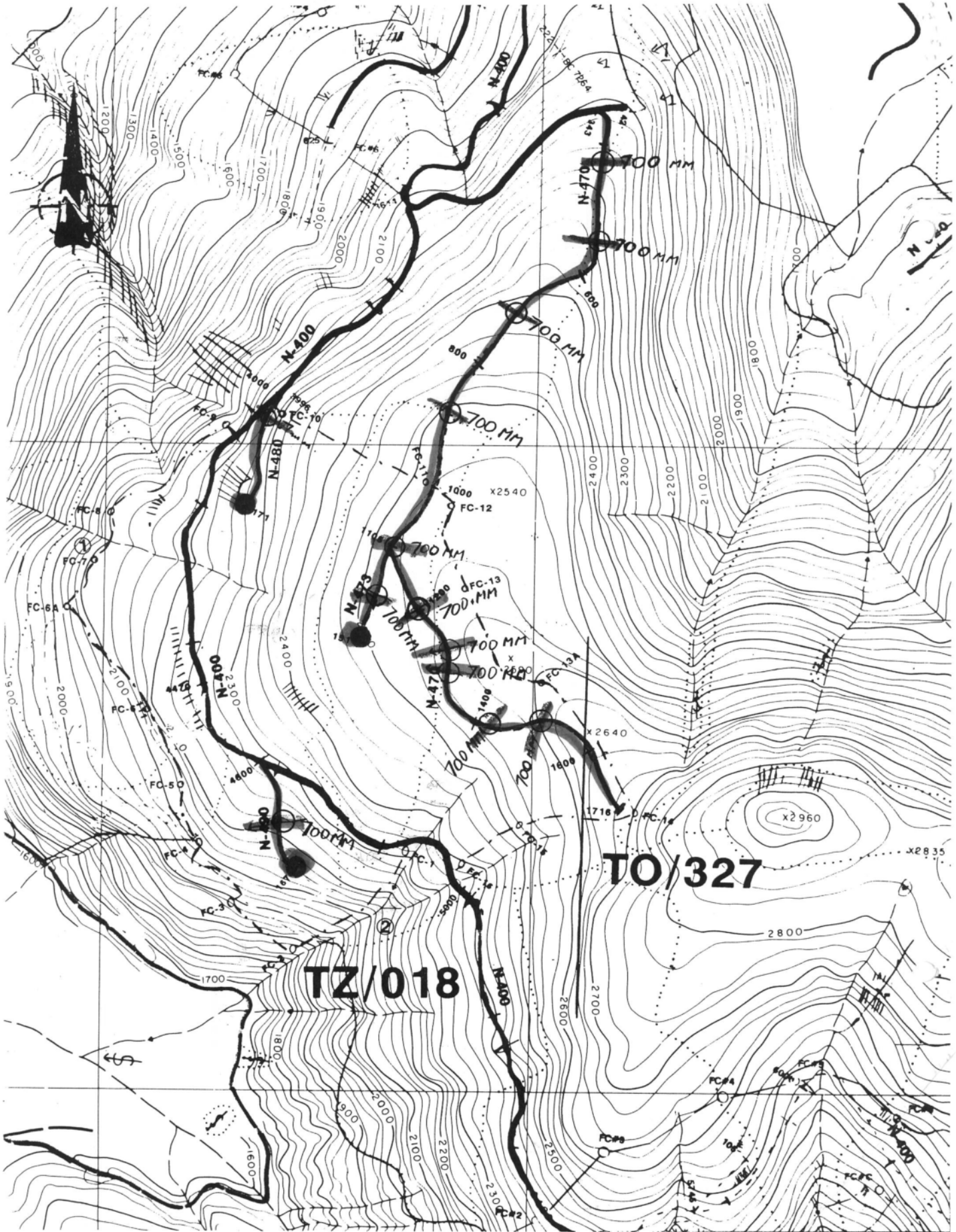
- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- This permit grants permission to cut and remove merchantable timber from an area of approximately 900 square meters. This will allow for the falling of an additional 10 meters either side of the built road width for a distance of approximately 15 meters to accommodate construction of three landings. The landings and spur roads associated with them will be fully rehabilitated following harvest thus will not adversely affect site degradation in opening 9730.
- The landings are to be located at the end of roads:
 - N473 Station 0+151
 - N480 Station 0+171
 - N490 Station 0+167
- The plan/profiles dated as follows form an integral part of the permit:

Nad473	December 2, 1993
Nad480	December 10, 1993
Nad490	December 2, 1993



CONSTRUCTION MAP

LAT 48° 56' 45"
LONG 124° 38' 15"

OP. AREA COLEMAN		HAMMERMARK	VOLUME	ROAD NAME	STATIONS			AV % SLOPE
M ³ PER HA	ENG	900	RW	NAD 470	343	1716	1373	
	OPC	-	TZ/018	NAD 473	0	151	151	
	CP	-	TO/327	NAD 480	0	171	171	
HAUL 47 KM				NAD 490	0	167	167	
MAP 92C/15 72W		GRAND TOTAL	3500	TOTAL	1962			
SCALE 1:5000		END HAUL						
FIELD WORK TT-BL								
DATE NOV. 30-93								
CHECKED		SPOIL AREA						

APPROVED FOR FILING	METAL PIPE... <input type="checkbox"/>
	WOOD CULVERT... <input type="checkbox"/>
	BRIDGE... <input type="checkbox"/>
ENGINEERING	NAD 400-3
PRODUCTION	OPENING NUMBER 9730

25
File(s) 11400-20 R07655 Amendment # 95-12
19700-40 TFL 44, CP New
Opening 9754

October 18, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

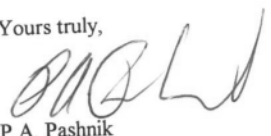
Dear Sir:

Reference is made to your application dated October 16, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to constuction of a long term gravel pit located along Camp main.

Yours truly,


P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

ROAD PERMIT - DESIGN CRITERIA
SCHEDULE 'A'
AMENDMENT NUMBER: 95-12

ROAD PERMIT NUMBER: R07655 AMENDMENT NUMBER: 95-12

ROAD NAME/REFERENCE:		CAMP MAIN					
SECTION (KM - KM)		0+995 - 0+150					
USE OF PERMIT:							
CONSTRUCT/MODIFY AND MAINTAIN		YES					
USE AND MAINTAIN EXISTING ROAD							
ROAD TYPE*							
COMMUNITY WATERSHED (Y/N)		NO					
LIKELIHOOD OF LANDSLIDES (L OR M/H)		NO					
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)		1					
AVERAGE CLEARING WIDTH (m)		N/A					
FINISHED ROAD WIDTH (m)		N/A					
DITCH DEPTH IN O.M. (m)		N/A					
DITCH DEPTH IN ROCK (m)		N/A					
USABLE TURNOUT LENGTH/WIDTH (m)		N/A					
TURNOUTS: INTERVISIBLE (Y/N)		N/A					
TURNOUTS: MINIMUM # PER KM		N/A					
MIN. CURVE RADIUS (m)		N/A					
MAX. FAV. SUSTAINED GRADE (%)		N/A					
MAX. ADV. SUSTAINED GRADE (%)		N/A					
MAX. FAV. SHORT PITCH GRADE (%)		N/A					
MAX. ADV. S.P. GRADE (%)		N/A					

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CAMP MAIN	ROUND	N/A	0+990m	N/A	0.7m	N	N/A	
CAMP MAIN	ROUND	N/A	1+012m	N/A	0.6m	N	N/A	Metal culvert presently in place and functioning.
CAMP MAIN	ROUND	N/A	1+150m	N/A	0.6m	N	N/A	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

- NOTE:**
- All bridges are considered fixed except those indicated 'F' (in structure location column).
 - Include all culverts other than cross drains.
 - For deck type: use symbols shown on bridge inspection forms.

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

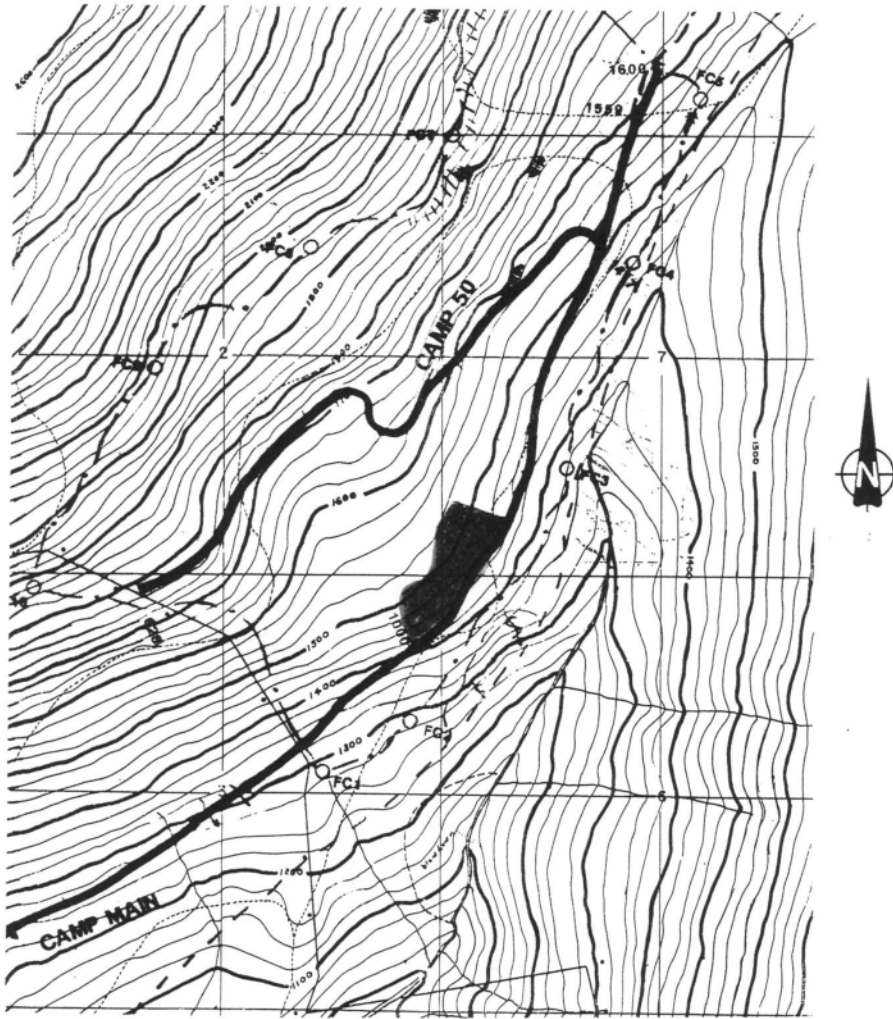
ROAD NAME	CAMP MAIN					
SECTION (KM - KM)	0+995 - 1+150					
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	NO					
LOGS USED TO RETAIN FILL (Y/N)	N/A					
STUMPS LEFT IN PLACE (Y/N)	N/A					
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A					
- END HAUL	N/A					
- BURY	N/A					
- SCATTER	N/A					
- PILE & BURN	N/A					
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A					
ORGANICS IN FILL (Y/N)	N/A					
CONSTRUCTION SURVEY (Y/N)	N/A					
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A					
WASTE SITE LOCATIONS (KM)	N/A					
SURFACING (DEPTH MM)	N/A					
GRAVEL PIT LOCATIONS (KM)	0+995 - 1+150					
BORROW LOCATIONS (KM)	0+995 - 1+150					
OTHER: SPECIFY						
NUMBER OF R/W LANDINGS PER KM	N/A					
LOCATION OF R/W LANDINGS (KM)	N/A					

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- Permission is hereby granted to establish a gravel pit approximately 0.6 ha (155m x 40m) in size located at Station 0+995 to 1+150 along Camp main. This gravel pit will provide a long term supply of gravel for building and maintaining roads in the geographic area.
- The plan/profiles dated 92/03/06 forms an integral part of this permit.
- Adhere to the terrain stability report dated October 6, 1995 by Shelley Higman, particularly the installation of an additional 600 mm CMP at station 1+150.
- As this site has been recently harvested, no trees have to be fallen and no regeneration will be damaged.
- In order to compensate for the additional site degradation caused by this gravel pit, spur road *Camp 50 Station 0+000 to 0+628* will be fully rehabilitated, and regenerated along with the remainder of the opening.



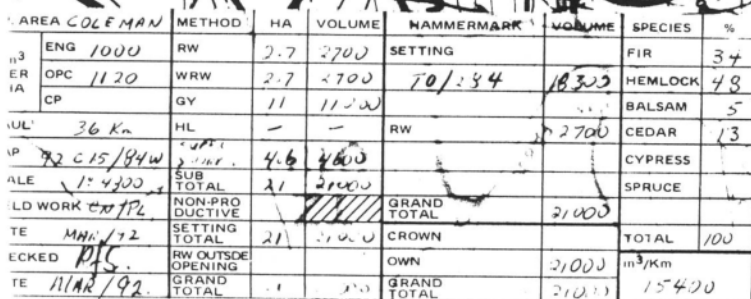
5 YEAR PLAN # 9754

OPENING: CAMP-1

CP 2

AMENDED AREA 0.6 ha

SCALE 1:5 000



PRODUCTION

LAT 48°59'30"
LONG 124°44'30"

OPENING NUMBER

9754

File(s) ²⁵ 11400-20 R07655 Amendment # 95-10
19700-40 TFL 44, CP New
Opening 9694

October 13, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

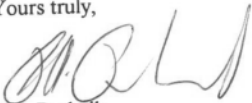
Dear Sir:

Reference is made to your application dated September 14, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B or C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to the reconstruction of Roads CR 400 and CR 410 to access openings 9694 and 9692.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

ROAD PERMIT NUMBER: R 07655 AMENDMENT NUMBER: 15-10

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

Page 100 of 246 FOR-2023-30219

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	0.080	N/A	1000	N	N/A	
CR 400	ROUND CULVERT	L 165	0.274	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	0.442	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	0.626	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	0.804	N/A	600	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.058	N/A	1200 1200	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.159	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.383	N/A	800	N	N/A	REPLACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	1.667	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	1.855	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	1.995	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.190	N/A	800	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	2.369	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.557	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.642	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.759	N/A	600	N	N/A	

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	2.900	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	3.037	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.162	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.315	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	3.324	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.466	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.566	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	3.645	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.745	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.850	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.900	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	4.051	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.196	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.275	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	4.351	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.430	N/A	600	N	N/A	

F.S. 582A ENG 95/6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	4.511	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.602	N/A	1000	N	N/A	RELPACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	4.653	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.726	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.805	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.872	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	5.036	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.112	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.238	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.371	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.557	N/A	1200	N	N/A	RELPACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	5.640	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.742	N/A	600	N	N/A	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

F.S. 582A ENG 95/6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 410	ROUND CULVERT	L 165	0.168	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.365	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.630	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	0.768	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.915	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	1.058	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	1.205	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	1.357	N/A	600	N	N/A	
CR410	WOOD CULVERT	N/A	0.500	N/A	1.5 x 3	N	-	wood culvert in place and functioning

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'Ø' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

ROAD SPECIFICATIONS

ROAD NAME	CR 400	CR 410				
SECTION (KM - KM)	0 - 5.557	0 - 1.458				
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N	N				
LOGS USED TO RETAIN FILL (Y/N)	N/A	N/A				
STUMPS LEFT IN PLACE (Y/N)	N/A	N/A				
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A	N/A				
- END HAUL	N/A	N/A				
- BURY	N/A	N/A				
- SCATTER	N/A	N/A				
- PILE & BURN	N/A	N/A				
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A	N/A				
ORGANICS IN FILL (Y/N)	N/A	N/A				
CONSTRUCTION SURVEY (Y/N)	Y	Y				
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A	N/A				
WASTE SITE LOCATIONS (KM)	N/A	N/A				
SURFACING (DEPTH MM)	300	300				
GRAVEL PIT LOCATIONS (KM)	1.480 ; 5.100	0.115 ; 1.140				
BORROW LOCATIONS (KM)	N/A	N/A				
OTHER: SPECIFY	N/A	N/A				
NUMBER OF R/W LANDINGS PER KM	N/A	N/A				
LOCATION OF R/W LANDINGS (KM)	N/A	N/A				

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be 44/2 until such time as the first of the following occurs:
 - (a) CP 2 expires or otherwise terminated. In the event this occurs prior to the scaling or the right-of-way wood, the closest active CP to this amendment shall be the timber mark. The District Manager shall make such a re-designation of the timber mark.
 - (b) The CP for Opening 9694 is approved. The mark shall be designated CROWN timber mark for this CP.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

- (a) Obligatory
All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.
- (b) Obligatory
 - (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
 - (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
 - (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
 - (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
 - (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.
- Optional
 - (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

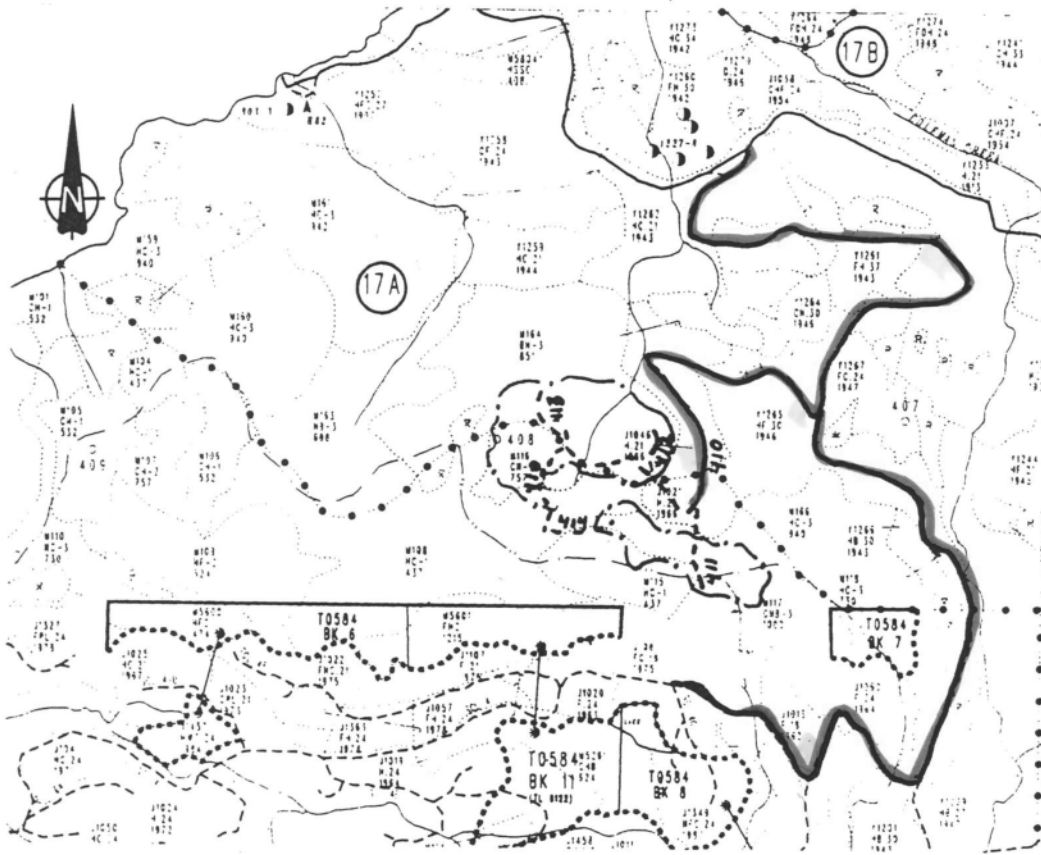
Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- Permission is also granted to cut and remove merchantable timber from the area which is approximately 0.8 hectares as shown in yellow on the attached sketch. This will allow for construction of four rock quarries located at approximately *Station 1+480 (0.125 hectares)*, *Station 5+100 (0.45 hectares)*, *on CR400 and Station 0+115 (0.1 hectares)* and *Station 1+140 (0.15 hectares)* on CR 410. These quarries may be constructed only after all suitable ditchline materials have been utilized.

MacMillan Bloedel Limited
Franklin Woodlands Division

T.F.L.44

Road Permit Number RO7655
CP(old CP#2)



5 Year Plan # 9692

Opening: CR410-1)

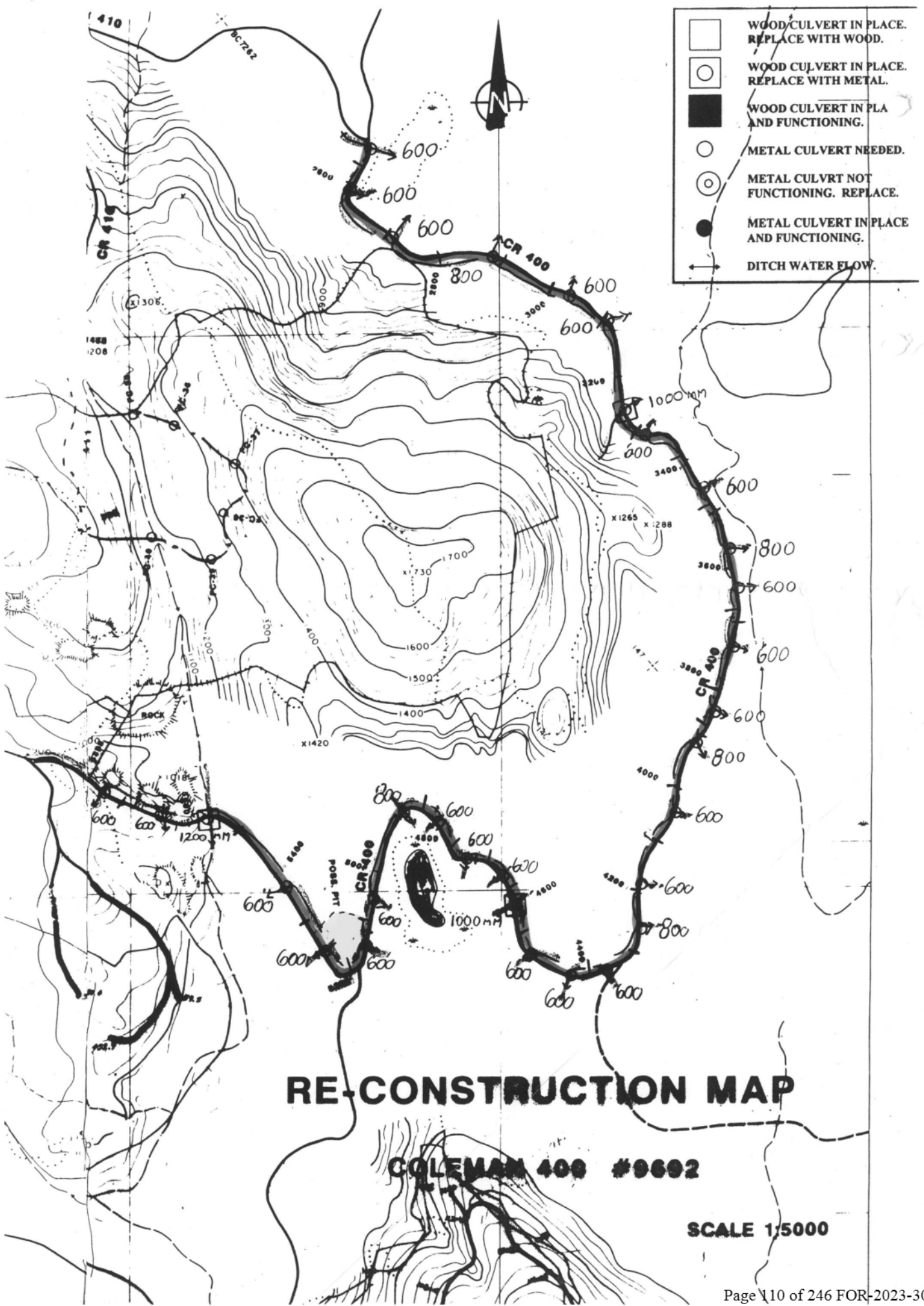
Approved Area:

Road Located: Old built road:

Amended Area:

Scale: 1:20000

Rock Quarry



- WOOD CULVERT IN PLACE. REPLACE WITH WOOD.
- WOOD CULVERT IN PLACE. REPLACE WITH METAL.
- WOOD CULVERT IN PLACE AND FUNCTIONING.
- METAL CULVERT NEEDED.
- METAL CULVERT NOT FUNCTIONING. REPLACE.
- METAL CULVERT IN PLACE AND FUNCTIONING.
- DITCH WATER FLOW.

25
File(s) 11400-20 R07655 Amendment # 95-9
19700-40 TFL 44, CP New
Opening 9758

October 11, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated October 2, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) B, C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to harvesting of approximately 9 cedar trees as shown in red on the attached sketch. These trees will be used as bridge construction materials for the crossing at creek number 10, in Opening 9758.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

Timber Utilization Standards, pursuant to paragraph 5.01:

- (a) Obligatory
All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.
- (b) Obligatory
 - (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
 - (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
 - (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
 - (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
 - (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.
- Optional
 - (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

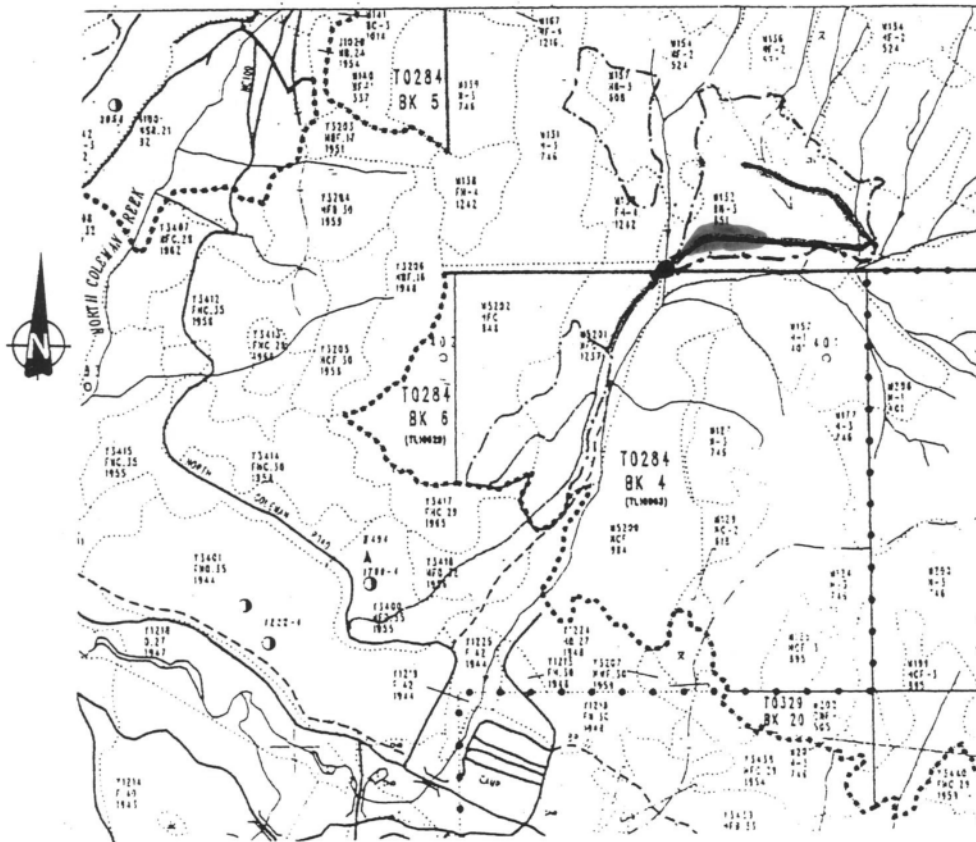
- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- Adherence to conditions specified in the road permit amendment approval for opening 9758 dated July 4, 1995.

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment

RO 7655

T.F.L. 44



5 Year Plan #9758

Opening: Camp-3

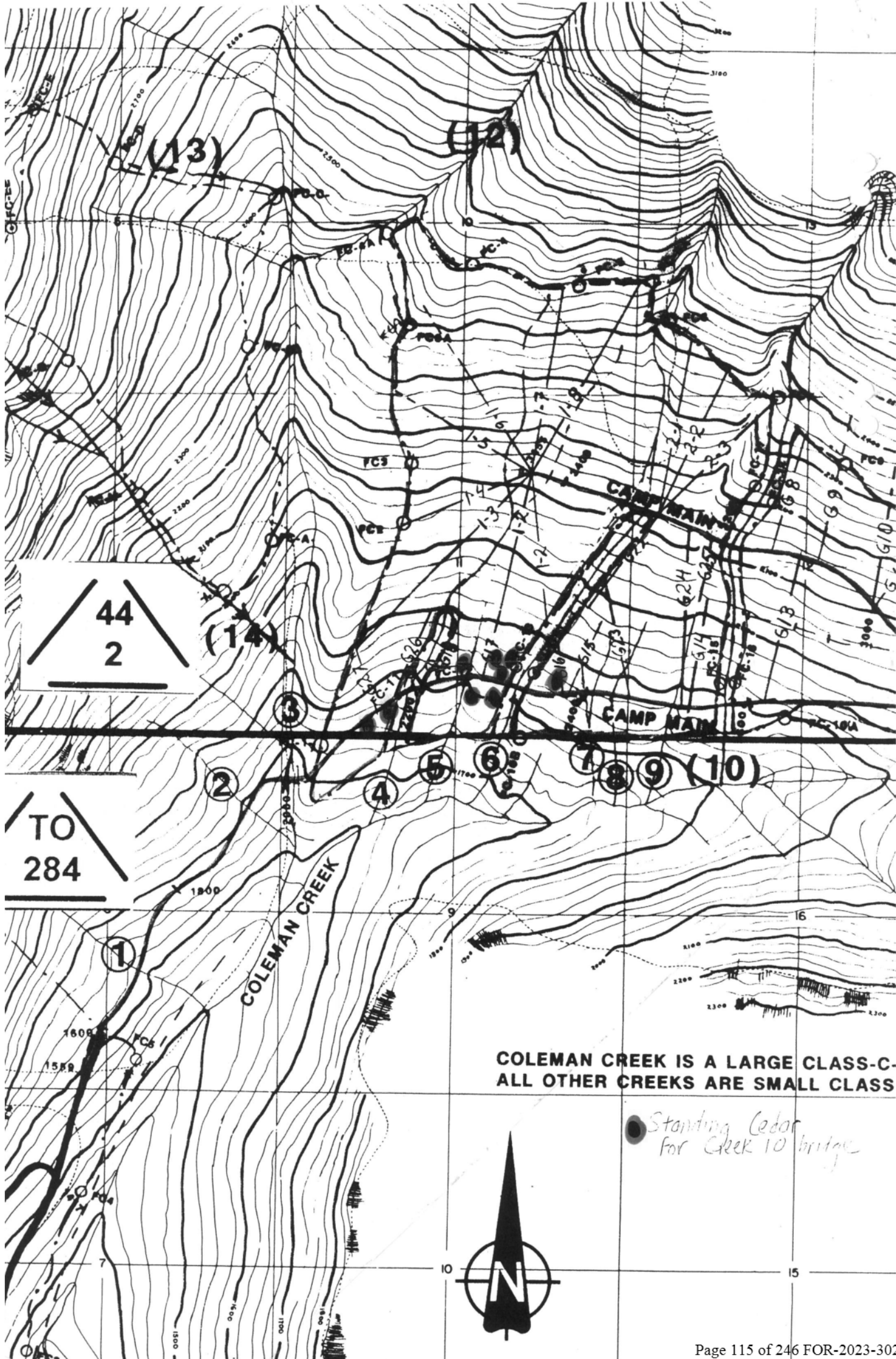
C.P.(old CP#2)

Approved Area:

Road Located

Amended Area:

Scale:1:20,000



44
2

TO
284

COLEMAN CREEK IS A LARGE CLASS-C.
ALL OTHER CREEKS ARE SMALL CLASS

Standing Cedar
for Creek 10 bridge





File(s) ²⁵ 11400-20 R07655 Amendment # 95-8
19700-40 TFL 44, CP New
Opening 9730

September 27, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated August 24, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B or C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to the following Roads: Nadira 470, 473, 480, 490 in opening 9730.

The timber shall be marked to the appraised timber licence marks, once they have been assigned.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

ROAD PERMIT NUMBER: 207655 AMENDMENT NUMBER: 95-8

ROAD NAME/REFERENCE:	N470	N473	N480	N490		
	0-1716	0-151	0-171	0-167		
SECTION (KM - KM)						
USE OF PERMIT:	343-1716	YES	YES	YES		
CONSTRUCT/MODIFY AND MAINTAIN	0-343					
USE AND MAINTAIN EXISTING ROAD	SHORT TERM					
ROAD TYPE*	N	N	N	N		
COMMUNITY WATERSHED (Y/N)	L	L	L	L		
LIKELIHOOD OF LANDSLIDES (L OR M/H)	1	1	1	1		
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)	20	20	20	20		
AVERAGE CLEARING WIDTH (m)	6	6	6	6		
FINISHED ROAD WIDTH (m)	1.0	1.0	1.0	1.0		
DITCH DEPTH IN O.M. (m)	.3	.3	.3	.3		
DITCH DEPTH IN ROCK (m)	10/3	10/3	10/3	10/3		
USABLE TURNOUT LENGTH/WIDTH (m)	N	N	N	N		
TURNOUTS: INTERVISIBLE (Y/N)	1	1	1	1		
TURNOUTS: MINIMUM # PER KM	20	20	20	20		
MIN. CURVE RADIUS (m)	17	4	10	0		
MAX. FAV. SUSTAINED GRADE (%)	-5	-8	0	-9		
MAX. ADV. SUSTAINED GRADE (%)	19	1	17	0		
MAX. FAV. SHORT PITCH GRADE (%)	-2	-2	0	-5		
MAX. ADV. S.P. GRADE (%)						

- *ROAD TYPE OPTIONS:
1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
 2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
 3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
N470	ROUND CULVERT	L165	.416	N/A	700mm	N	N/A	
"	"	L165	.550	"	"	"	"	
"	"	L165	.714	"	"	"	"	
"	"	L165	.886	"	"	"	"	
"	"	L165	1.110	"	"	"	"	
"	"	L165	1.202	"	"	"	"	
"	"	L165	1.280	"	"	"	"	
"	"	L165	1.305	"	"	"	"	
"	"	L165	1.425	"	"	"	"	
"	"	L165	1.510	"	"	"	"	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
N 473	ROUND CULVERT	L165	.078	N/A	700mm	N	N/A	
N 480	"	L165	.020	"	"	"	"	
N 490	"	L165	.090	"	"	"	"	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'Q' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME	N470	N473	N480	N490		
SECTION (KM - KM)	343-1716	0-151	0-171	0-167		
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N	N	N	N		
LOGS USED TO RETAIN FILL (Y/N)	N	N	N	N		
STUMPS LEFT IN PLACE (Y/N)	N	N	N	N		
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)						
- END HAUL	N	N	N	N		
- BURY	343-1716	0-151	0-171	0-167		
- SCATTER	343-1716	0-151	0-171	0-167		
- PILE & BURN						
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	3.0m	3.0m	3.0m	3.0m		
ORGANICS IN FILL (Y/N)	Y	Y	Y	Y		
CONSTRUCTION SURVEY (Y/N)	N	N	N	N		
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N	N	N	N		
WASTE SITE LOCATIONS (KM)	N/A	N/A	N/A	N/A		
SURFACING (DEPTH MM)	300mm	300	300	300		
GRAVEL PIT LOCATIONS (KM)	N/A	N/A	N/A	N/A		
BORROW LOCATIONS (KM)	N/A	N/A	N/A	N/A		
OTHER: SPECIFY						
NUMBER OF R/W LANDINGS PER KM	N/A	N/A	N/A	N/A		
LOCATION OF R/W LANDINGS (KM)	N/A	N/A	N/A	N/A		

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

F.S. 582A ENG 95/6

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber marks shall be the appraised timber licence timber marks (once they have been assigned), that is applicable to the timber to which the road provides access and so designated by the District Manager.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The plan/profiles dated as follows form an integral part of the permit:

Nad470	December 2, 1993
Nad473	December 2, 1993
Nad480	December 10, 1993
Nad490	December 2, 1993
- The use and maintainance of NAD470 Station 0+000 to 0+343 is also approved.
- Adhere to the March 7, 1995 terrain stability report recommendation, at stopping point 4.

MacMillan Bloedel Limited
Revegetation and Erosion Control - Specifications

The following materials and rates of application are generally used for hydroseeding, unless site specific conditions dictate otherwise. Dry seeding is done using seed and fertilizer where site conditions permit.

Component	Ground application	Helicopter application
	kg/ha	kg/ha
Seed mix	50 - 62	75 - 94
Fall rye	25 - 31	25 - 31
Fertilizer	200 - 250	200 - 250
Tackifier	30 - 45	45 - 57
Mulch	site specific	68 - 85
Water	1000 - 1250 gal	1000 - 1250 gal

Seed mix: Extra seed is used in helicopter applications to allow for drift and additional damage during mixing and application. Dry seeding can be done where conditions permit at rates of 25 to 50 kg/ha. Seed mixtures for different site conditions are given on the attached sheet.

Fall rye: added as a nurse crop unless planted seedlings or fire hazard make this undesirable

Fertilizer: typical formulations used include 16-26-6 with 50% slow release (TriKote-N or SCU), or 18-18-18. Slow release is usually avoided in helicopter operations to reduce settling problems during application. Fertilizer should be applied separately when dry seeding.

Tackifier: various products are used, including Silva-Tack, M-Binder, alpha plantago, or guar gum. Use depends upon suppliers, price and availability. Rates vary somewhat by product; higher rates in the above ranges are used for steep slopes or soils with high erosion potential.

Mulch: EcoFibre or Silva-Fiber; added to helicopter mix to aid suspension of materials during flight (rates do not provide mulching benefit). Where application timing or site conditions make mulch desirable, a minimum of 1000 kg/ha should be applied.

W.J. Beese
1995

Percent of seedmix by weight

Grasses

Variety

		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
		Basic	Trail	Drought	Wetland	Alpine	Legume
Perennial Rye	Common	25			25		
Creeping Red Fescue	Common	20	30	20	10	25	
Orchardgrass	Common	15					
Orchardgrass	KAY, ARCTIC					10	
Canada Bluegrass	Common	7	15	5	5	5	
Kentucky Bluegrass	Common						
Redtop Bentgrass	Common	3	5		5		
Colonial Bentgrass	Common						
Timothy	Common		10		20	10	
Hard Fescue	Common			10			
Sheep Fescue	Common			15			
Tall Fescue	COURT., PHYTER			20			
Meadow Fescue	Common						
Meadow Foxtail	Common				10	20	
Smooth Bromegrass	Common						
Cereal (Fall) Rye	Common	May be seeded along with any mix as a nurse crop					
Subtotal - Grasses		70	60	70	75	70	0

Legumes

Alsike Clover	Common	10	10		15	20	35
White Clover	Common	10	20				20
Red Clover	Common		10	10			25
Yellow Sweetclover	Common						
Birdsfoot trefoil	Common	5		10	10	10	20
Hairy Vetch	Common	5		10			
Subtotal - Legumes		30	40	30	25	30	100
TOTAL		100	100	100	100	100	100

Mix	Description	Rate (kg/ha)
Basic	An all-purpose mixture adapted to a wide range of coastal conditions.	50-75
Trail	A mixture of small-seeded grasses and clover for seeding skid or backspare trails. Has 55% more seeds/kg than basic mix so that it can be seeded at a lower rate for hand spreading.	25-35
Drought	Adapted to dry sites (sandy, gravelly soils; south aspects; S.VI.	30-50
Wetland	Adapted to wet sites or ditches, prone to periodic standing water.	50-75
Alpine	Adapted to cold, high elevation sites.	50-75
Legume	A mixture of clovers and trefoil for use on trails, reclaimed pits or any exposed soil where competition with planted trees should be minimized. Can be used after site-prep for brush control.	25-35

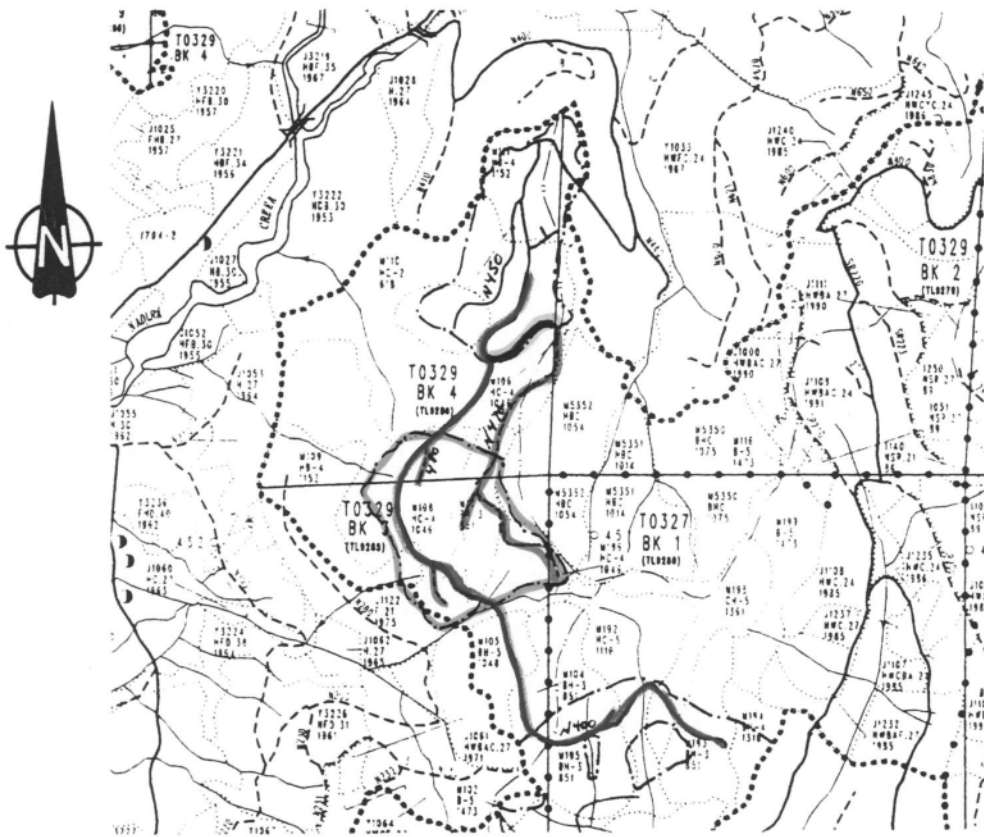
Notes:

*Use lower end of seeding range for dry seeding, and middle to upper end for hydroseeding. Somewhat higher rates should be used for helicopter application.
Seed fall rye as a nurse crop at 25 kg/ha. Not suitable where tall grass is undesirable.
**Mixtures may vary annually depending upon cost and availability of individual species.
All legume seed is coated with inoculum for N-fixation.

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO7655

T.F.L. 44



5 Year Plan #9730

Approved Area: ———

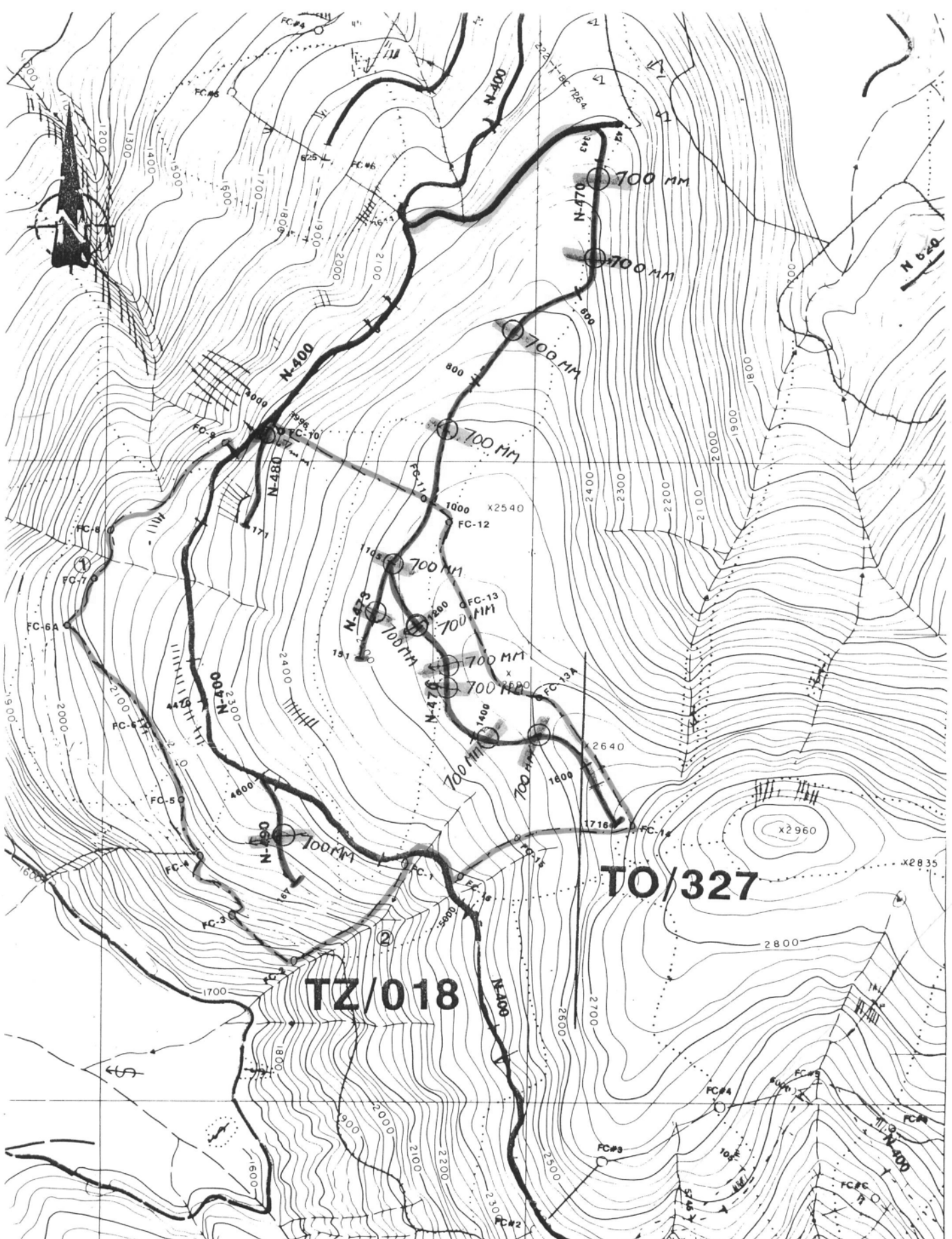
Amended Area: ———

Amended Built Road : ———

Opening: NAD400-3

Road Located ———

Scale: 1:20,000



CONSTRUCTION MAP

LAT 48° 56' 45"

LONG 124° 38' 15"

CP. AREA COLEMAN	HAMMERMARK	VOLUME	ROAD NAME	STATIONS			AV % SLOPE
				START	END	TOTAL	
M ³ PER HA	ENG 900	RW	NAD 470	343	1716	1373	
	OPC -	TZ/018	NAD 473	0	151	151	
	CP -	TO/327	NAD 480	0	171	171	
HAUL 47 KM			NAD 490	0	167	167	
MAP 92C/15 72W	GRAND TOTAL	3500					
SCALE 1:5000	END HAUL						
FIELD WORK TT-BL							
DATE NOV. 30-93							
DESIGNED	SPOIL AREA						

APPROVED FOR FILLING

METAL PIPE.....○
WOOD CULVERT. □
BRIDGE.....X

ENGINEERING

Amended
Area
Amended built Road

PRODUCTION

NAD 400-3

OPENING **0730**

Ministry of Forests
4227 Avenue
Port Alberni, British Columbia
V9Y 4N1
Telephone: 724-9205 Fax: 724-9261

25
File: 11400-20 R07655 Amendment # 95-7
19700-40 TFL 44

September 22, 1995

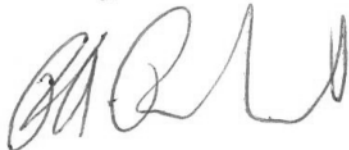
MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated July 6, 1995, for replacement Road Permit of No. R04522, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule A, shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Woodlands Div., Port Alberni

ROAD PERMIT - DESIGN CRITERIA SCHEDULE 'A'

ROAD PERMIT NUMBER: R07655AMENDMENT NUMBER: 95-7

ROAD NAME/REFERENCE:						
SECTION (KM - KM)						
USE OF PERMIT:	Effective September 24, 1995, road permit R07655 includes all roads shown in red on maps dated June 19, 1991, and as amended from time to time previously approved under road permit R04522 save and except road approved prior to June 15, 1995, but not constructed at June 15, 1995.					
CONSTRUCT/MODIFY AND MAINTAIN						
USE AND MAINTAIN EXISTING ROAD						
ROAD TYPE*						
COMMUNITY WATERSHED (Y/N)						
LIKELIHOOD OF LANDSLIDES (L OR M/H)						
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)						
AVERAGE CLEARING WIDTH (m)						
FINISHED ROAD WIDTH (m)						
DITCH DEPTH IN O.M. (m)						
DITCH DEPTH IN ROCK (m)						
USABLE TURNOUT LENGTH/WIDTH (m)						
TURNOUTS: INTERVISIBLE (Y/N)						
TURNOUTS: MINIMUM # PER KM						
MIN. CURVE RADIUS (m)						
MAX. FAV. SUSTAINED GRADE (%)						
MAX. ADV. SUSTAINED GRADE (%)						
MAX. FAV. SHORT PITCH GRADE (%)						
MAX. ADV. S.P. GRADE (%)						

- *ROAD TYPE OPTIONS:
1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
 2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
 3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)



File(s) ²⁵ 11400-20 R07655 Amendment # 95-6
19700-40 TFL 44, CP New
Opening 9732

September 18, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated August 13, 1995, for amendment of Road Permit No. R07655 within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B or C and map(s) shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

This amendment pertains to development of a rock quarry located on Worthless Creek Main, Station 5+694 to Station 5+764 to supply road surfacing material to develop opening 9732.

Yours truly,

P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

**ROAD PERMIT - DESIGN CRITERIA
SCHEDULE 'A'**

ROAD PERMIT NUMBER: 7655 AMENDMENT NUMBER: 95-6

ROAD NAME/REFERENCE:									
SECTION (KM - KM)									
USE OF PERMIT:									
CONSTRUCT/MODIFY AND MAINTAIN		YES							
USE AND MAINTAIN EXISTING ROAD									
ROAD TYPE*		PIT							
COMMUNITY WATERSHED (Y/N)		NO							
LIKELIHOOD OF LANDSLIDES (L OR M/H)		NO							
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)		1							
AVERAGE CLEARING WIDTH (m)		N/A							
FINISHED ROAD WIDTH (m)		N/A							
DITCH DEPTH IN O.M. (m)		N/A							
DITCH DEPTH IN ROCK (m)		N/A							
USABLE TURNOUT LENGTH/WIDTH (m)		N/A							
TURNOUTS: INTERVISIBLE (Y/N)		N/A							
TURNOUTS: MINIMUM # PER KM		N/A							
MIN. CURVE RADIUS (m)		N/A							
MAX. FAV. SUSTAINED GRADE (%)		N/A							
MAX. ADV. SUSTAINED GRADE (%)		N/A							
MAX. FAV. SHORT PITCH GRADE (%)		N/A							
MAX. ADV. S.P. GRADE (%)		N/A							

- *ROAD TYPE OPTIONS:
1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
 2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
 3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

[illegible]

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME	W.C. MAIN.					
SECTION (KM - KM)						
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	NO					
LOGS USED TO RETAIN FILL (Y/N)	N/A					
STUMPS LEFT IN PLACE (Y/N)	N/A					
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A.					
- END HAUL	N/A					
- BURY	N/A					
- SCATTER	N/A					
- PILE & BURN	N/A					
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A					
ORGANICS IN FILL (Y/N)	N/A					
CONSTRUCTION SURVEY (Y/N)	N/A					
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A					
WASTE SITE LOCATIONS (KM)	N/A					
URFACING (DEPTH MM)	N/A					
GRAVEL PIT LOCATIONS (KM)						
BORROW LOCATIONS (KM)						
OTHER: SPECIFY						
NUMBER OF R/W LANDINGS PER KM	N/A					
LOCATION OF R/W LANDINGS (KM)	N/A.					

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be 44/2 until such time as the following occurs:

CP 2 expires or otherwise terminated. In the event this occurs prior to the scaling of the right-of-way wood, the closes active CP to this amendment shall be the timber mark. The District Manager shall make such a re-designation of the timber mark.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

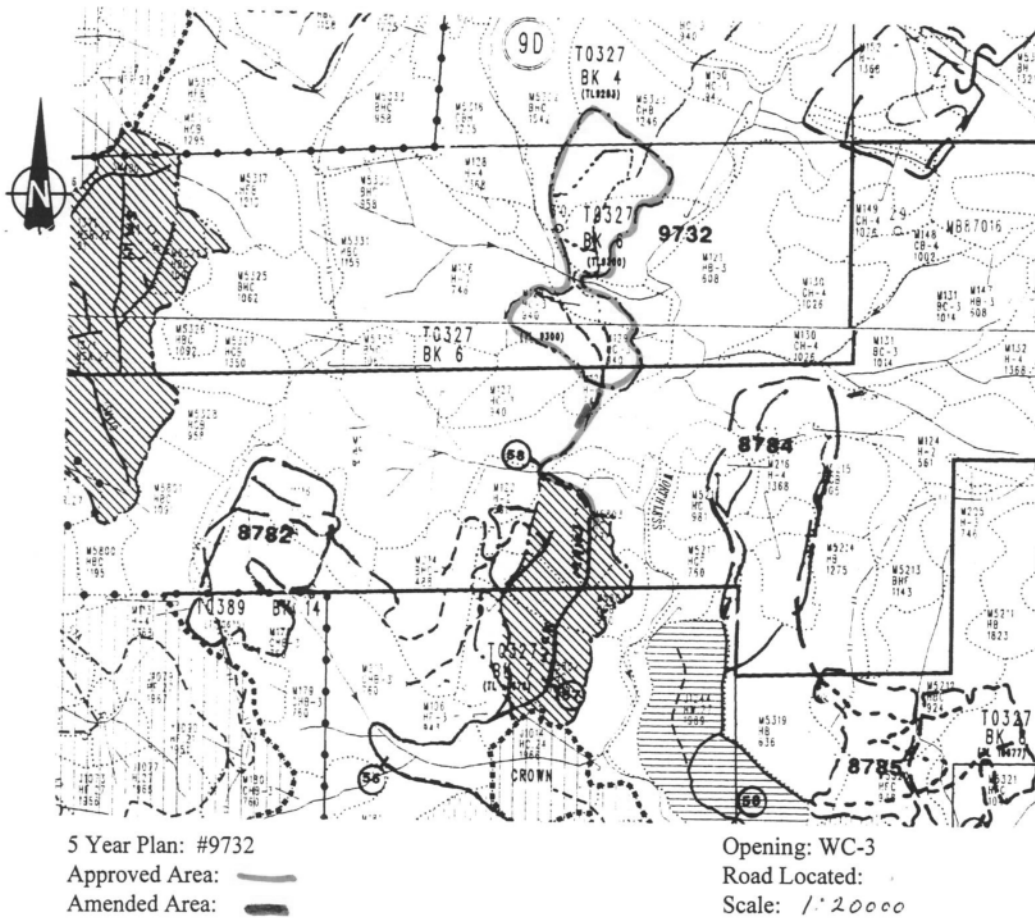
Special Provisions

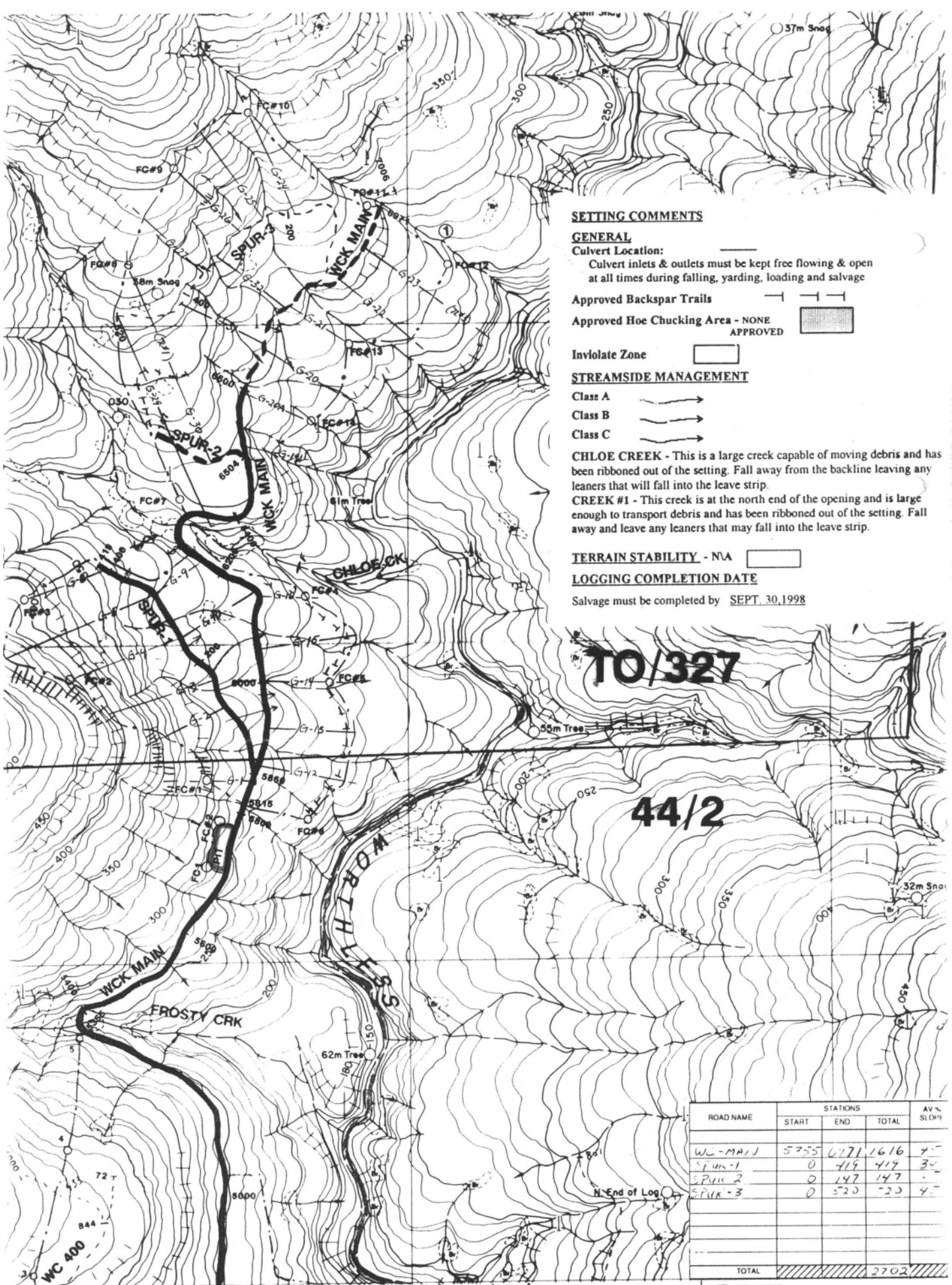
- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MB Ltd., Revegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- This rock quarry is located at approximately Station 5+694 to Station 5+764 on Worthless Creek Main. The dimensions are 70 meters by 20 meters (0.14 hectares).

MacMillan Bloedel Limited
Franklin Woodlands Division

Road Permit Amendment
RO7655

T.F.L.44





SETTING COMMENTS

GENERAL

Culvert Location:

Culvert inlets & outlets must be kept free flowing & open at all times during falling, yarding, loading and salvage

Approved Backspar Trails

Approved Hoe Chucking Area - NONE APPROVED

Inviolate Zone

STREAMSIDE MANAGEMENT

Class A

Class B

Class C

CHLOE CREEK - This is a large creek capable of moving debris and has been ribboned out of the setting. Fall away from the backline leaving any leaners that will fall into the leave strip.

CREEK #1 - This creek is at the north end of the opening and is large enough to transport debris and has been ribboned out of the setting. Fall away and leave any leaners that may fall into the leave strip.

TERRAIN STABILITY - N/A

LOGGING COMPLETION DATE

Salvage must be completed by SEPT. 30, 1998

ROAD NAME	STATIONS			AV. SLOPE
	START	END	TOTAL	
WCK-MAIN	5755	6771	1616	4.1
SPUR-1	0	419	419	3.0
SPUR-2	0	147	147	4.1
SPUR-3	0	520	520	4.1
TOTAL			2702	

OP. AREA	COLEMAN	METHOD	HA	VOLUME	HAMMERMARK	VOLUME	SPECIES	%
m ³ PER HA	ENG 1033	RW	4.4	4500	SETTING		FIR	8
	OPC 1135	WRW	4	4100	44/2	1100	HEMLOCK	13
	CP	GY	16.6	17200	TO 327	25200	BALSAM	24
HAUL	50 Km	HL			RW 44/2	1300	CEDAR	15
MAP 92C097/2.2	313		5200	TO 327	4700	CYPRESS		
SCALE 1:5000		SUB TOTAL	30	31000			SPRUCE	
FIELD WORK 11/12		NON-PRODUCTIVE			GRAND TOTAL	32000		
DATE 11/12		SETTING TOTAL	30	31000	CROWN	3200	TOTAL	
CHECKED, RAC		RW OUTSIDE OPENING	1	1000	OWN	2000	m ³ /km 13100	
DATE 11/12		GRAND TOTAL	31	32000	GRAND TOTAL	32000	Ha 13100	

APPROVED FOR FALLING

ENGINEERING
Amended Area

PRODUCTION

LAT 48°54'15"
LONG 124°38'30"

WC-3

OPENING NUMBER

9732

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone 724-9205
Fax. #724-9261

File: ²⁵ 11400-20, R07655 Amendment #95-5
19700-40, TFL 44, CP New
Opening 9732

September 6, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated July 21, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule C and maps shall form an integral part of the document for road permit R07655 and should be attached thereto.

Yours truly,


Paul A. Pashnik
District Manager
Port Alberni Forest District

Attachment

cc: MB. Ltd. Franklin Div., Port Alberni, BC

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SCHEDULE C

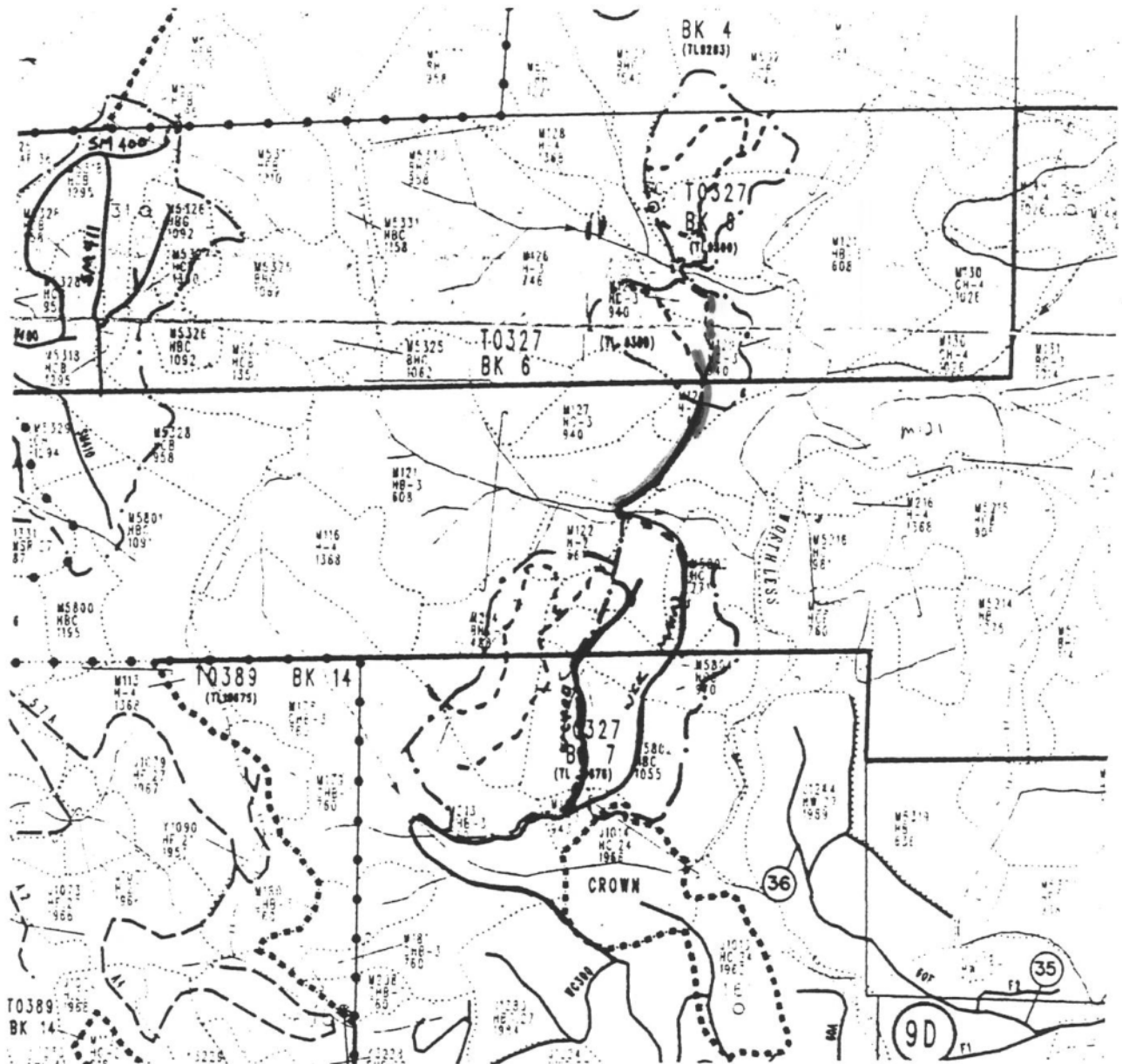
Special Provisions

- Permission is hereby granted to dispose of end haul material within the road right-of-way in the following areas, as indicated in red on the attached sketch:

Worthless Creek Main	<i>Station 5+750 to Station 5+870</i>
	<i>Station 5+910 to Station 5+950</i>
	<i>Station 6+000 to Station 6+050</i>
	<i>Station 6+100 to Station 6+150</i>
<i>Spur #1</i>	<i>Station 0+050 to Station 0+080</i>

- The plan/profiles dated July 21, 1995 shall form an integral part of the permit.
- Vegetation specifications shall be detailed in the 1995 W. J. Beese, MacMillan Bloedel Ltd. Re-Vegetation and Erosion Control Specifications.

T.F.L. 44



C.P.#2

Road Located_____

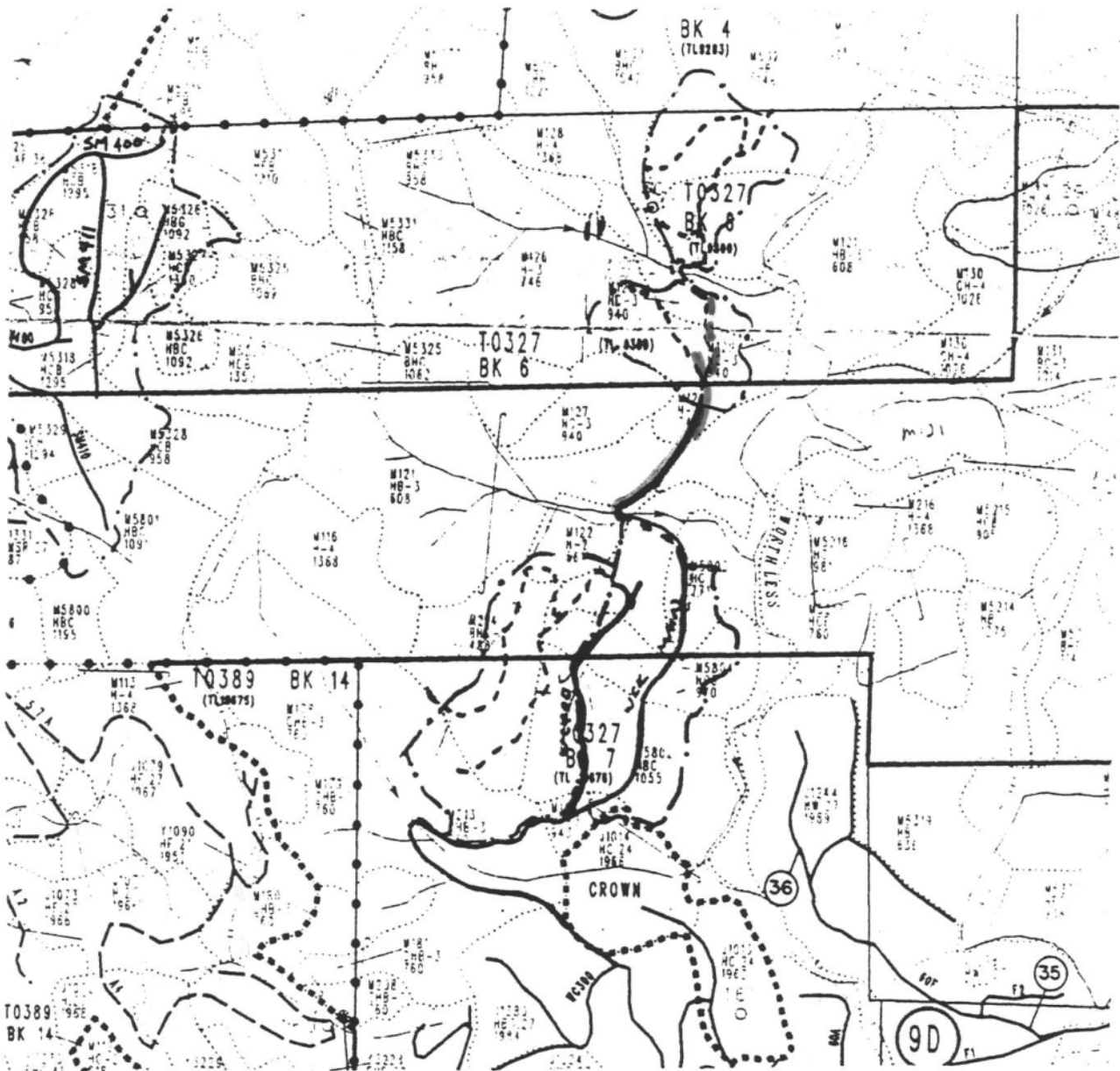
Scale:1:20,000

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment

RO4522 7655

T.F.L. 44



5 Year Plan #:9732

Opening:WC-3

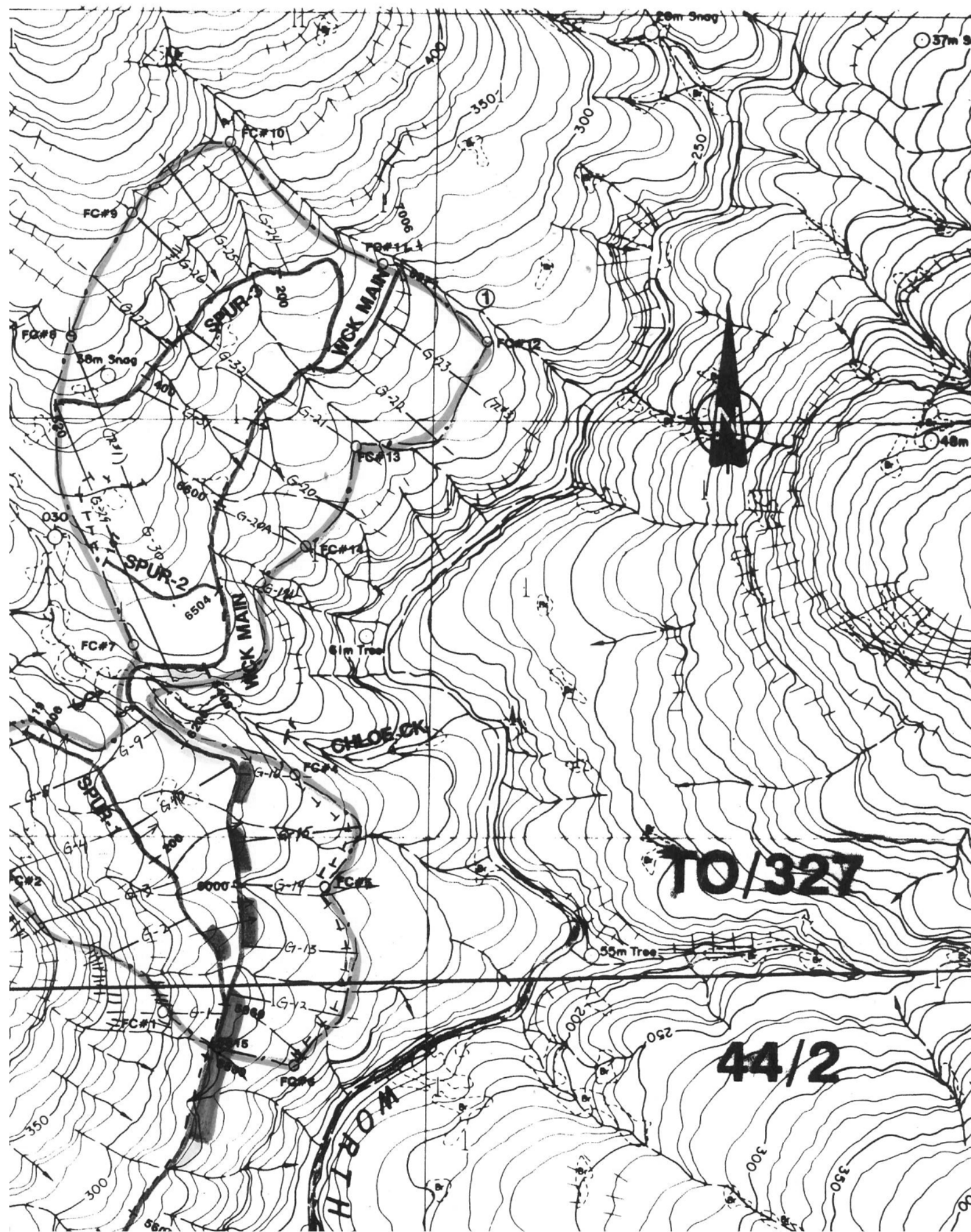
C.P.#2

Approved Area:

Road Located 

Amended Area: 

Scale:1:20,000



File 11400-20 R07655 Amendment # 95-3
19700-40 TFL 44, CP New
Opening 8716

August 25, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2V0R 2Z0

Dear Sir:

Reference is made to your application dated August 15, 1995, for amendment of Road Permit No. R0 7655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B and C and map shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni, BC

ROAD PERMIT - DESIGN CRITERIA SCHEDULE 'A'

ROAD PERMIT NUMBER: RO 7655 **AMENDMENT NUMBER: 95-3**

ROAD NAME/REFERENCE:	FL530	FL531	FL540	FL542
SECTION (KM - KM)	0+000 to 0+970	0+000 to 0+071	0+000 to 0+690	0+000 to 0+088
USE OF PERMIT:				
CONSTRUCT/MODIFY AND MAINTAIN	YES	YES		YES
USE AND MAINTAIN EXISTING ROAD			YES	YES
ROAD TYPE*	SHORT TERM	SHORT TERM	SHORT TERM	SHORT TERM
COMMUNITY WATERSHED (Y/N)	N	N	N	N
LIKELIHOOD OF LANDSLIDES (L OR M/H)	LOW	LOW	LOW	LOW
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)	1	1	1	1
AVERAGE CLEARING WIDTH (m)	20	20	20	20
FINISHED ROAD WIDTH (m)	6	6	6	6
DITCH DEPTH IN O.M. (m)	1.0	1.0	1.0	1.0
DITCH DEPTH IN ROCK (m)	0.3	0.3	0.3	0.3
USABLE TURNOUT LENGTH/WIDTH (m)	10/3	10/3	10/3	10/3
TURNOUTS: INTERVISIBLE (Y/N)	N	N	N	N
TURNOUTS: MINIMUM # PER KM	1	1	1	1
MIN. CURVE RADIUS (m)	20	20	20	20
MAX. FAV. SUSTAINED GRADE (%)	15	0	15	5
MAX. ADV. SUSTAINED GRADE (%)	-2	-4	-5	
MAX. FAV. SHORT PITCH GRADE (%)	20	0	20	5
MAX. ADV. S.P. GRADE (%)	-5	-3	-5	-5

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICL E**	STRUC T. LOC. (KM)	STREAM NAME	STRUCTUR E SIZE	PROF. DESIG N (Y/N)	DECK TYPE	COMMENTS
FL530	round culvert	L165	0+025	n/a	700 mm	n	n/a	
	round culvert	L165	0+200	n/a	700 mm	n	n/a	
	round culvert	L165	0+315	n/a	700 mm	n	n/a	
	round culvert	L165	0+487	n/a	700 mm	n	n/a	
	round culvert	L165	0+611	n/a	700 mm	n	n/a	
	round culvert	L165	0+703	n/a	700 mm	n	n/a	
	round culvert	L165	0+738	n/a	700 mm	n	n/a	
	round culvert	L165	0+873	n/a	700 mm	n	n/a	
	round culvert	L165	0+934	n/a	700 mm	n	n/a	
FL531	round culvert	L165	0+035	n/a	700 mm	n	n/a	
FL540	round culvert	L165	0+160	n/a	700 mm	n	n/a	
	round culvert	L165	0+265	n/a	700 mm	n	n/a	
	round culvert	L165	0+380	n/a	700 mm	n	n/a	
FL542	no culverts							

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

- NOTE:**
- All bridges are considered fixed except those indicated 'F' (in structure location column).
 - Include all culverts other than cross drains.
 - For deck type: use symbols shown on bridge inspection forms.

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME	FL530	FL531	FL540	FL542
SECTION (KM - KM)	0+000 to 0+970	0+000 to 0+071	0+000 to 0+690	0+000 to 0+088
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N	N		
LOGS USED TO RETAIN FILL (Y/N)	N	N		
STUMPS LEFT IN PLACE (Y/N)	N	N		
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)				
- END HAUL	0+850 TO 0+945			
- BURY	0+000 to 0+970 except end haul	0+000 to 0+071	0+000 to 0+690	0+000 to 0+088
- SCATTER	0+000 to 0+970	0+000 to 0+071	0+000 to 0+690	0+000 to 0+088
- PILE & BURN				
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	3.0	3.0		
ORGANICS IN FILL (Y/N)	Y	Y		
CONSTRUCTION SURVEY (Y/N)	N	N		
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	Y	N		
WASTE SITE LOCATIONS (KM)	0+850 to 0+945	0+000 to 0+071	FL541 0 to 75	
SURFACING (DEPTH MM)	300	300	300	300
GRAVEL PIT LOCATIONS (KM)	N/A	N/A	N/A	N/A
BORROW LOCATIONS (KM)	N/A	N/A	N/A	N/A
OTHER: SPECIFY				
NUMBER OF R/W LANDINGS PER KM	N/A	N/A	N/A	N/A
LOCATION OF R/W LANDINGS (KM)	N/A	N/A	N/A	N/A

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

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F.S. 582A ENG 95/6

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be (a) a timber mark that is applicable to timber to which the road provides access and so designated by the District Manager

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

- (a) Obligatory
All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.
- (b) Obligatory
 - (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
 - (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
 - (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
 - (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
 - (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.
- Optional
 - (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be detailed in the 1995 W.J. Beese, MacMillan Bloedel Ltd. Re-vegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The profiles and plans dated as follows form an integral part of the permit:
 - FL 530 October 21, 1994
 - FL 531 September 14, 1994
 - FL 542 September 14, 1994
- Steep sections will be full bench cut construction with stable disposal of cut materials..
- Disturbance of natural drainage patterns will be minimized by installation of drainage structures at all streams and by installation of sufficient cross drains to minimize water movement in ditches.
- Construction and use of landing at station 0+970 on Branch FL 530 shall include:
 - all landing debris shall be recovered from the outer edge of the landing and piled or otherwise disposed of on stable ground.
 - drainage patterns be completely re-established in the landing area and any oversteepened sidecast recovered.
 - these requirements must be completed upon completion of yarding and loading and prior to the 1st season fall rains following completion of operations.

F.S. 582A ENG 95/6

MacMillan Bloedel Limited Revegetation and Erosion Control - Specifications

The following materials and rates of application are generally used for hydroseeding, unless site specific conditions dictate otherwise. Dry seeding is done using seed and fertilizer where site conditions permit.

Component	Ground application	Helicopter application
	kg/ha	kg/ha
Seed mix	50 - 62	75 - 94
Fall rye	25 - 31	25 - 31
Fertilizer	200 - 250	200 - 250
Tackifier	30 - 45	45 - 57
Mulch	site specific	68 - 85
Water	1000 - 1250 gal	1000 - 1250 gal

Seed mix: Extra seed is used in helicopter applications to allow for drift and additional damage during mixing and application. Dry seeding can be done where conditions permit at rates of 25 to 50 kg/ha. Seed mixtures for different site conditions are given on the attached sheet.

Fall rye: added as a nurse crop unless planted seedlings or fire hazard make this undesirable

Fertilizer: typical formulations used include 16-26-6 with 50% slow release (TriKote-N or SCU), or 18-18-18. Slow release is usually avoided in helicopter operations to reduce settling problems during application. Fertilizer should be applied separately when dry seeding.

Tackifier: various products are used, including Silva-Tack, M-Binder, alpha plantago, or guar gum. Use depends upon suppliers, price and availability. Rates vary somewhat by product; higher rates in the above ranges are used for steep slopes or soils with high erosion potential.

Mulch: EcoFibre or Silva-Fiber; added to helicopter mix to aid suspension of materials during flight (rates do not provide mulching benefit). Where application timing or site conditions make mulch desirable, a minimum of 1000 kg/ha should be applied.

W.J. Beese
1995

MacMillan L. Sedel Standard Seedmix Specifications

Percent of seedmix by weight

Grasses	Variety	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
		Basic	Trail	Drought	Wetland	Alpine	Legume
Perennial Rye	Common	25			25		
Creeping Red Fescue	Common	20	30	20	10	25	
Orchardgrass	Common	15					
Orchardgrass	KAY, ARCTIC					10	
Canada Bluegrass	Common	7	15	5	5	5	
Kentucky Bluegrass	Common						
Redtop Bentgrass	Common	3	5		5		
Colonial Bentgrass	Common						
Timothy	Common		10		20	10	
Hard Fescue	Common			10			
Sheep Fescue	Common			15			
Tall Fescue	COURT., PHYTER			20			
Meadow Fescue	Common						
Meadow Foxtail	Common				10	20	
Smooth Bromegrass	Common						
Cereal (Fall) Rye	Common	May be seeded along with any mix as a nurse crop					
Subtotal - Grasses		70	60	70	75	70	0

Legumes

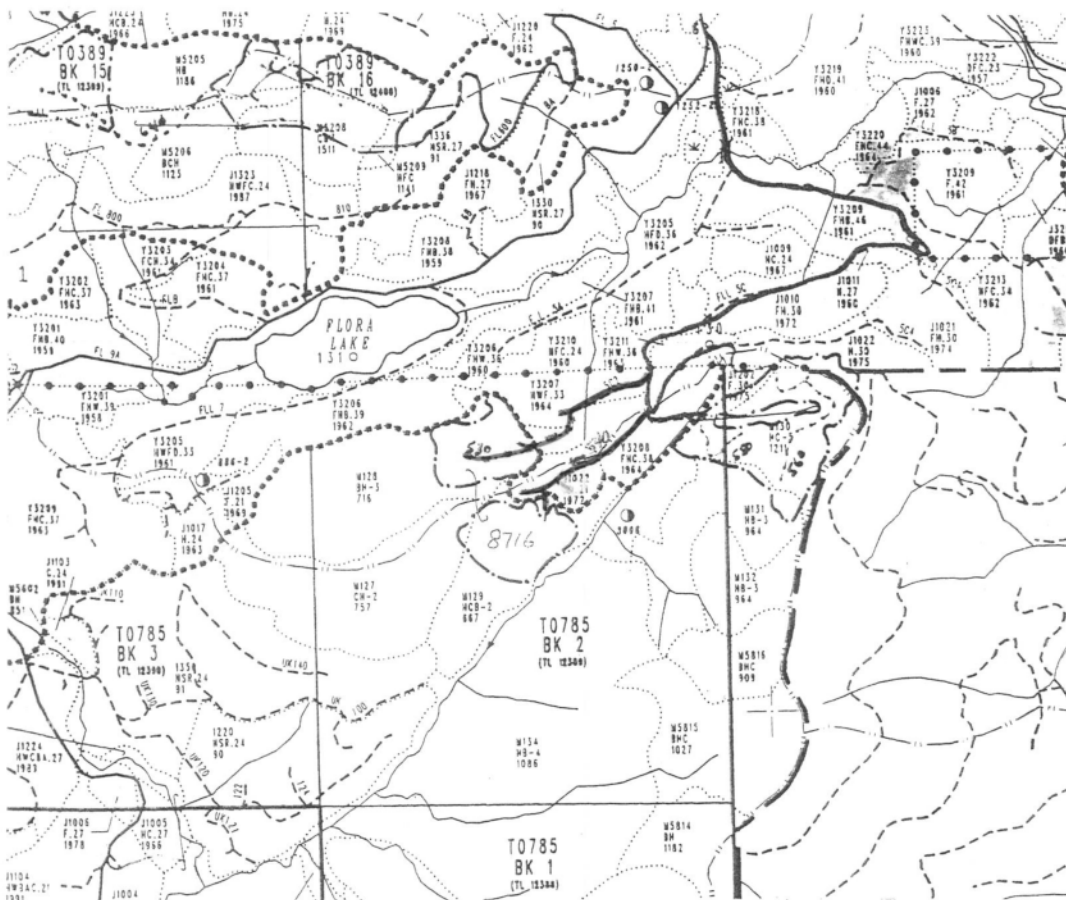
Alsike Clover	Common	10	10		15	20	35
White Clover	Common	10	20				20
Red Clover	Common		10	10			25
Yellow Sweetclover	Common						
Birdsfoot trefoil	Common	5		10	10	10	20
Hairy Vetch	Common	5		10			
Subtotal - Legumes		30	40	30	25	30	100
TOTAL		100	100	100	100	100	100

Mix	Description	Rate (kg/ha)
Basic	An all-purpose mixture adapted to a wide range of coastal conditions.	50-75
Trail	A mixture of small-seeded grasses and clover for seeding skid or backspare trails. Has 55% more seeds/kg than basic mix so that it can be seeded at a lower rate for hand spreading.	25-35
Drought	Adapted to dry sites (sandy, gravelly soils; south aspects; S.VI.	30-50
Wetland	Adapted to wet sites or ditches, prone to periodic standing water.	50-75
Alpine	Adapted to cold, high elevation sites.	50-75
Legume	A mixture of clovers and trefoil for use on trails, reclaimed pits or any exposed soil where competition with planted trees should be minimized. Can be used after site-prep for brush control.	25-35

Notes:

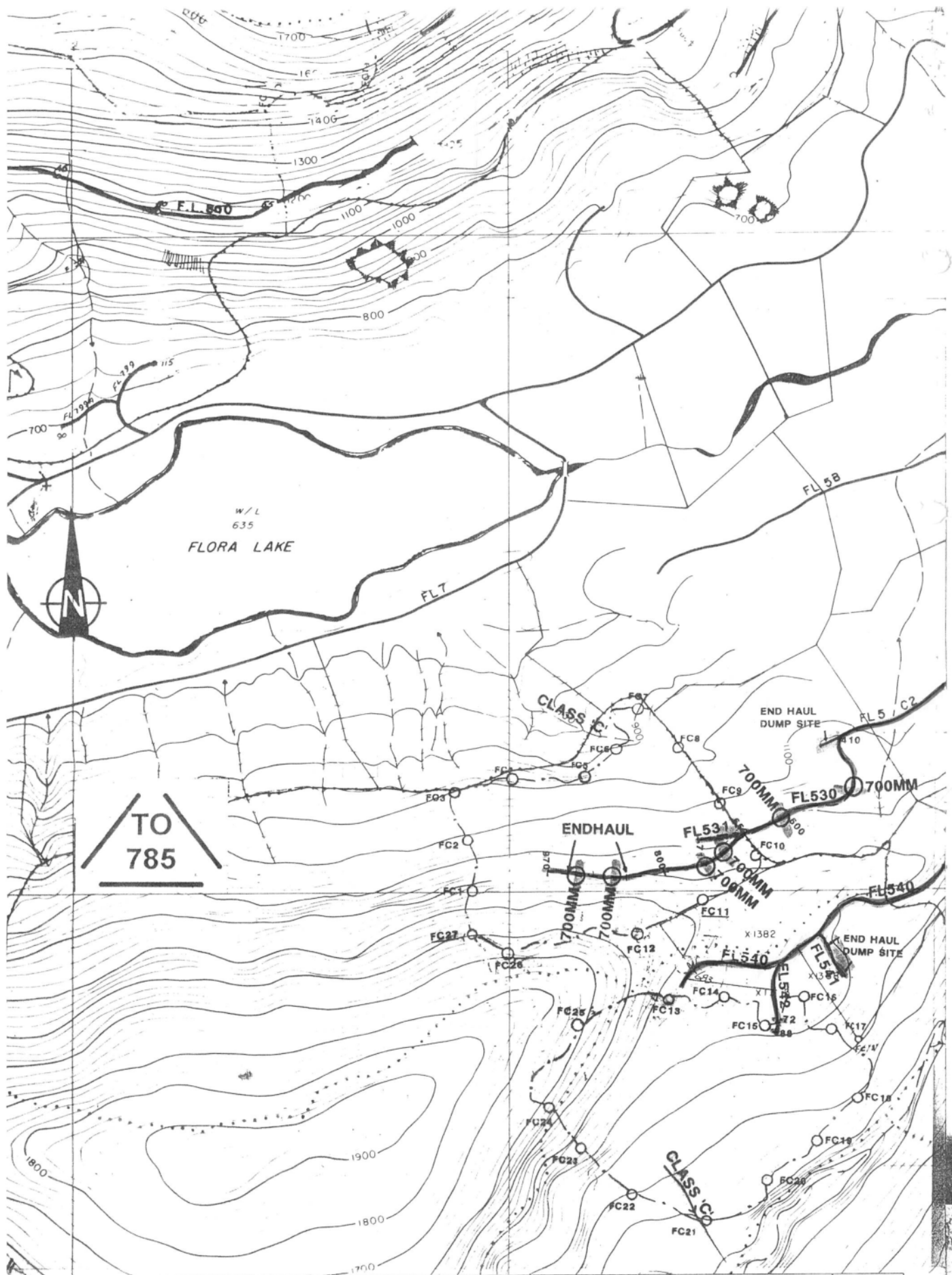
*Use lower end of seeding range for dry seeding, and middle to upper end for hydroseeding. Somewhat higher rates should be used for helicopter application.
Seed fall rye as a nurse crop at 25 kg/ha. Not suitable where tall grass is undesirable.
**Mixtures may vary annually depending upon cost and availability of individual species.
All legume seed is coated with inoculum for N-fixation.

T.F.L. 44



C.P. 2 area

Scale:1:20,000



CONSTRUCTION MAP

AREA	COLEMAN	HAMMERMARK	VOLUME	ROAD NAME	START	END	TOTAL	AV % SLOPE
ENG	790	RW TO 785	1100	FL 530	410	970	560	50
OPC	627			FL 531	0	71	71	30
CP				FL 542	72	88	16	10
VAL	53 km							
AP	92C/15 SLW		GRAND TOTAL					
SCALE	1:5000							
ELD WORK	PL/MAS	END HAUL						
DATE	JULY 1994	SPILL						
CHECKED								

APPROVED FOR FILING

ENGINEERING

PRODUCTION

METAL PIPE ☐ WOOD CULVERT ☐ BRIDGE ☐

FL 530-2

OPENING NUMBER

#2716

COPIES
OW ENG.
GEN FOR.
BULLDOZER
FALLERS
P/W BOOK
GRADE FOR
GRADE WALL
OPERATOR
TREEDOCK
HA
TRIM DRY
1st AID
SHOP

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261

File 11400-20 R07655 Amendment # 95-3
19700-40 TFL 44, CP 2
Opening 8875

August 22, 1995

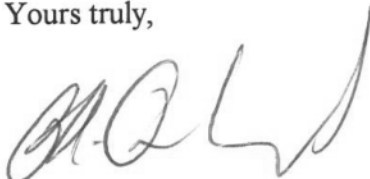
MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated June 29, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule C and map shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

Yours truly,



P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

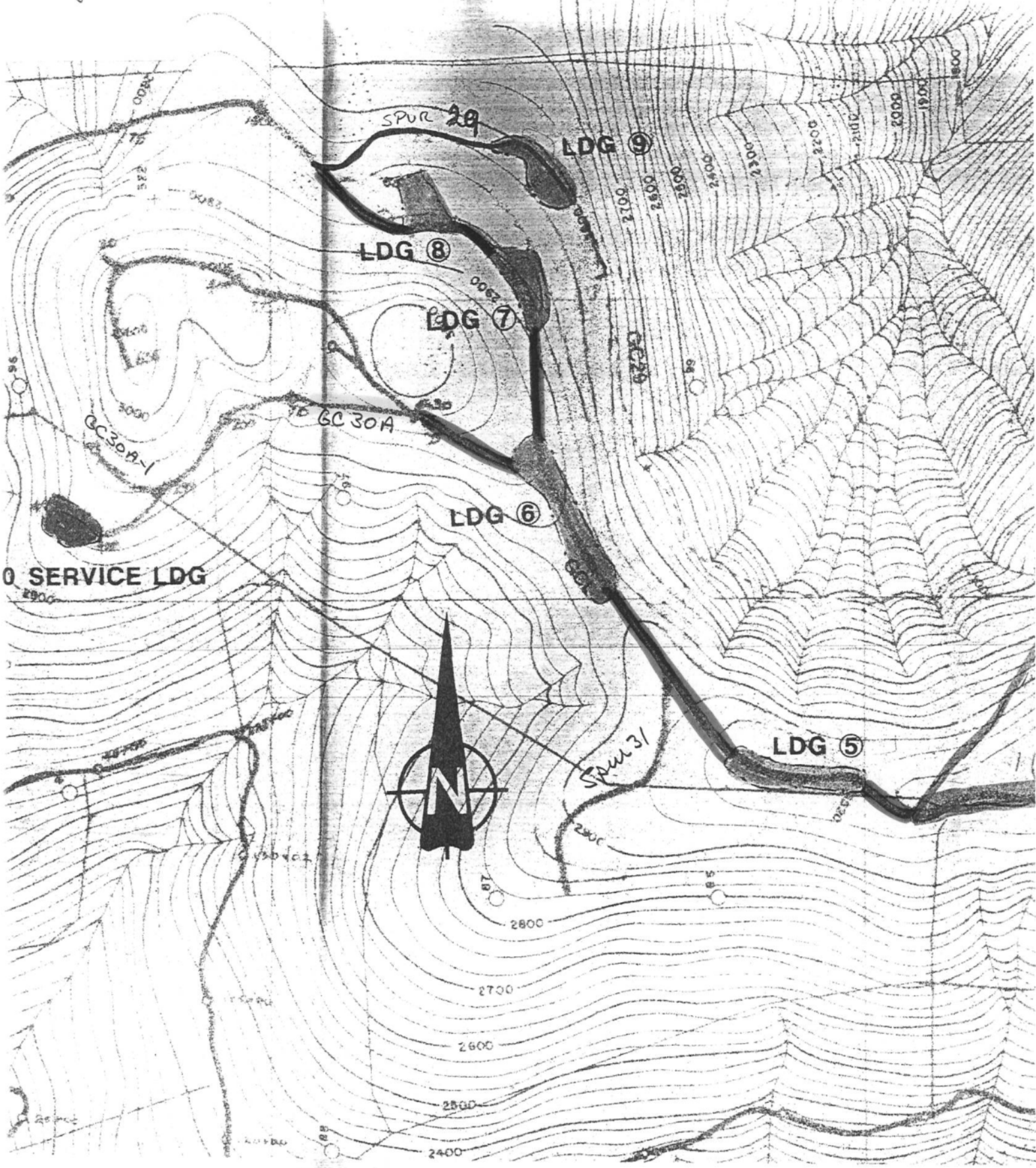
cc: MB Ltd. Franklin Woodlands Div., Port Alberni, BC

SCHEDULE 'C'

Further to the road permit amendment number 1 dated August 10, 1995; permission is hereby granted to amend the approval of the helicopter landings as follows:

1. Landing numbers 2, 3, 4, 5, 6, may be expanded to those dimensions ribboned out in the field as shown in your June 29, 1995 application. This is based on the ribbon line locations in your submission photographs and the on site by the Ministry of Forest (MoF) Monitoring and Enforcement staff on August 15, 1995.
2. An additional landing may be utilized on spur GC 30A to be known as landing number 11. The dimensions of this landing are as discussed by MoF Monitoring and Enforcement staff with MacMillan Bloedel staff on August 15, 1995. The location is shown in yellow on the attached map.
3. As requested; the roads shown in red on the attached map may be utilized for landing logs subject to:
 - (a) Use is allowed only if all approved landings are fully utilized.
 - (b) Maximum disturbance of regeneration on either side of road is 5 metres. The road sides must be re-stocked with conifers following utilization as landings areas for the harvesting of opening 8875.
 - (c) An area comparable in size to the roadside regeneration disturbance shall be reclaimed to productive forest productivity by de-building and planting abandoned spurs in the general operating area. Within 6 months of the completion of harvesting of opening 8875; the MoF shall be notified of the size of the disturbance area and the location of reclaiming productive forest land.
 - (d) MoF, monitoring and enforcement supervision all be notified when these roads are being used as landings so field inspections can be arranged.
4. All other conditions of the August 10, 1995 approval are integral to this approval.

stack wood along
gion of block.





File(s) 11400-20 R07655 Amendment #95-2
19700-40 TFL 44/CP new
Opening 8717

August 17, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated August 15, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B or C and map shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

Yours truly,

P. A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni

ROAD PERMIT - DESIGN CRITERIA SCHEDULE 'A'

ROAD PERMIT NUMBER: RO ~~4554~~ 1655 AMENDMENT NUMBER: 95-1

ROAD NAME/REFERENCE:	FL550	FL560	FL561
SECTION (KM - KM)	0+186 to 0+610	0+098 to 1+119	0+000 to 0+084
USE OF PERMIT:			
CONSTRUCT/MODIFY AND MAINTAIN	YES	YES	YES
USE AND MAINTAIN EXISTING ROAD			
ROAD TYPE*	SHORT TERM	SHORT TERM	SHORT TERM
COMMUNITY WATERSHED (Y/N)	N	N	N
LIKELIHOOD OF LANDSLIDES (L OR M/H)	LOW	LOW	LOW
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)	1	1	1
AVERAGE CLEARING WIDTH (m)	20	20	20
FINISHED ROAD WIDTH (m)	6	6	6
DITCH DEPTH IN O.M. (m)	1.0	1.0	1.0
DITCH DEPTH IN ROCK (m)	0.3	0.3	0.3
USABLE TURNOUT LENGTH/WIDTH (m)	10/3	10/3	10/3
TURNOUTS: INTERVISIBLE (Y/N)	N	N	N
TURNOUTS: MINIMUM # PER KM	1	1	1
MIN. CURVE RADIUS (m)	20	20	20
MAX. FAV. SUSTAINED GRADE (%)	15	20	20
MAX. ADV. SUSTAINED GRADE (%)	-2	-10	-10
MAX. FAV. SHORT PITCH GRADE (%)	20	20	200
MAX. ADV. S.P. GRADE (%)	-5	-10	-10

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROP. DESIGN (Y/N)	DECK TYPE	COMMENTS
FL550	round culvert	L165	0+066	n/a	700 mm	n	n/a	
	round culvert	L165	0+247	n/a	900 mm	n	n/a	
	temporary bridge	L165	0+269	n/a	2m x 4m	n	n/a	
	round culvert	L165	0+388	n/a	700 mm	n	n/a	
	round culvert	L165	0+420	n/a	800 mm	n	n/a	
	round culvert	L165	0+491	n/a	800 mm	n	n/a	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'Φ' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

F.S. 582A ENG 95/6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICL E**	STRUC T. LOC. (KM)	STREAM NAME	STRUCTUR E SIZE	PROF. DESIG N (Y/N)	DECK TYPE	COMMENTS
FL560	round culvert	L165	0+124	n/a	700 mm	n	n/a	
	round culvert	L165	0+269	n/a	700 mm	n	n/a	
	round culvert	L165	0+414	n/a	700 mm	n	n/a	
	round culvert	L165	0+491	n/a	700 mm	n	n/a	
	round culvert	L165	0+557	n/a	700 mm	n	n/a	
	round culvert	L165	0+687	n/a	900 mm	n	n/a	culvert size on profile 800 mm. 9/6/15
	round culvert	L165	0+010	n/a	800 mm	n	n/a	not indicated on profile.
	round culvert	L165	0+787	n/a	700 mm	n	n/a	
	round culvert	L165	0+885	n/a	900 mm	n	n/a	
	round culvert	L165	1+019	n/a	800 mm	n	n/a	size as profile indicates 700 mm. 9/6/15
	round culvert	L165	1+046	n/a	800 mm	n	n/a	
FL561	no culverts							

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

ROAD SPECIFICATIONS

ROAD NAME	FL550	FL560	FL561
SECTION (KM - KM)	0+186 to 0+610	0+098 to 1+119	0+000 to 0+084
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N	N	
LOGS USED TO RETAIN FILL (Y/N)	N	N	
STUMPS LEFT IN PLACE (Y/N)	N	N	
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)		0+098 to 1+119	
- END HAUL			
- BURY	0+186 to 0+610	0+098 to 1+119 except 0+690 to 0+750	0+000 to 0+084
- SCATTER	0+186 to 0+610	0+098 to 1+119 except 0+690 to 0+750	0+000 to 0+084
- PILE & BURN			
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	3.0	3.0	
ORGANICS IN FILL (Y/N)	Y	Y	
CONSTRUCTION SURVEY (Y/N)	N	N	
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N	Y	
WASTE SITE LOCATIONS (KM)		0+040 to 0+200 0+240 to 0+280	
SURFACING (DEPTH MM)	300	300	
GRAVEL PIT LOCATIONS (KM)	N/A	N/A	
BORROW LOCATIONS (KM)	N/A	N/A	
OTHER: SPECIFY			
NUMBER OF R/W LANDINGS PER KM	N/A	N/A	
LOCATION OF R/W LANDINGS (KM)	N/A	N/A	

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

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F.S. 582A ENG 95/6

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be (a) a timber mark that is applicable to timber to which the road provides access and so designated by the District Manager.

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

- (a) Obligatory
All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.
- (b) Obligatory
- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
 - (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
 - (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
 - (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
 - (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.
- Optional
- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Vegetation specifications shall be as detailed in the 1995 W.J. Beese, MacMillan Bloedel Ltd. Re-vegetation and Erosion Control Specifications.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The profiles and plans dated as follows form an integral part of the permit:

Road FL 560	July 20, 1995
Road FL 561	October 3, 1994
Road FL 550	October 3, 1994

F.S. 582A ENG 95/6

MacMillan Bloedel Limited
Revegetation and Erosion Control - Specifications

The following materials and rates of application are generally used for hydroseeding, unless site specific conditions dictate otherwise. Dry seeding is done using seed and fertilizer where site conditions permit.

Component	Ground application	Helicopter application
	kg/ha	kg/ha
Seed mix	50 - 62	75 - 94
Fall rye	25 - 31	25 - 31
Fertilizer	200 - 250	200 - 250
Tackifier	30 - 45	45 - 57
Mulch	site specific	68 - 85
Water	1000 - 1250 gal	1000 - 1250 gal

Seed mix: Extra seed is used in helicopter applications to allow for drift and additional damage during mixing and application. Dry seeding can be done where conditions permit at rates of 25 to 50 kg/ha. Seed mixtures for different site conditions are given on the attached sheet.

Fall rye: added as a nurse crop unless planted seedlings or fire hazard make this undesirable

Fertilizer: typical formulations used include 16-26-6 with 50% slow release (TriKote-N or SCU), or 18-18-18. Slow release is usually avoided in helicopter operations to reduce settling problems during application. Fertilizer should be applied separately when dry seeding.

Tackifier: various products are used, including Silva-Tack, M-Binder, alpha plantago, or guar gum. Use depends upon suppliers, price and availability. Rates vary somewhat by product; higher rates in the above ranges are used for steep slopes or soils with high erosion potential.

Mulch: EcoFibre or Silva-Fiber; added to helicopter mix to aid suspension of materials during flight (rates do not provide mulching benefit). Where application timing or site conditions make mulch desirable, a minimum of 1000 kg/ha should be applied.

W.J. Beese
1995

Percent of seedmix by weight

Grasses

Variety

Perennial Rye	Common
Creeping Red Fescue	Common
Orchardgrass	Common
Orchardgrass	KAY, ARCTIC
Canada Bluegrass	Common
Kentucky Bluegrass	Common
Redtop Bentgrass	Common
Colonial Bentgrass	Common
Timothy	Common
Hard Fescue	Common
Sheep Fescue	Common
Tall Fescue	COURT., PHYTER
Meadow Fescue	Common
Meadow Foxtail	Common
Smooth Bromegrass	Common
Cereal (Fall) Rye	Common

No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basic	Trail	Drought	Wetland	Alpine	Legume
25			25		
20	30	20	10	25	
15				10	
7	15	5	5	5	
3	5		5		
	10		20	10	
		10			
		15			
		20			
			10	20	

May be seeded along with any mix as a nurse crop

Subtotal - Grasses

70	60	70	75	70	0
----	----	----	----	----	---

Legumes

Alsike Clover	Common
White Clover	Common
Red Clover	Common
Yellow Sweetclover	Common
Birdsfoot trefoil	Common
Hairy Vetch	Common

10	10		15	20	35
10	20				20
	10	10			25
5		10	10	10	20
5		10			

Subtotal - Legumes

30	40	30	25	30	100
----	----	----	----	----	-----

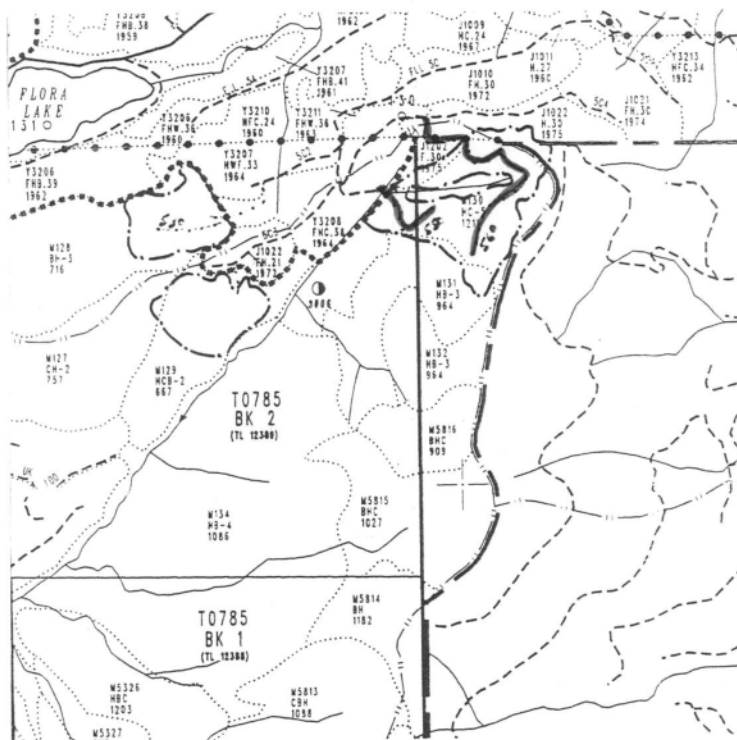
TOTAL

100	100	100	100	100	100
-----	-----	-----	-----	-----	-----

Mix	Description	Rate (kg/ha)
Basic	An all-purpose mixture adapted to a wide range of coastal conditions.	50-75
Trail	A mixture of small-seeded grasses and clover for seeding skid or backspare trails. Has 55% more seeds/kg than basic mix so that it can be seeded at a lower rate for hand spreading.	25-35
Drought	Adapted to dry sites (sandy, gravelly soils; south aspects; S.VI.	30-50
Wetland	Adapted to wet sites or ditches, prone to periodic standing water.	50-75
Alpine	Adapted to cold, high elevation sites.	50-75
Legume	A mixture of clovers and trefoil for use on trails, reclaimed pits or any exposed soil where competition with planted trees should be minimized. Can be used after site-prep for brush control.	25-35

Notes:

- *Use lower end of seeding range for dry seeding, and middle to upper end for hydroseeding. Somewhat higher rates should be used for helicopter application.
- Seed fall rye as a nurse crop at 25 kg/ha. Not suitable where tall grass is undesirable.
- **Mixtures may vary annually depending upon cost and availability of individual species.
- All legume seed is coated with inoculum for N-fixation.



C.P. New

Scale:1:20,000

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261



File: 11400-20²⁵
R07655

August 8, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Enclosed is Road Permit R07655, issued to cover an area located in MacMillan Bloedel Limited, Franklin Woodlands Division-Nitinat.

Yours truly,

Maria Boldt
Resource Clerk - Timber Tenures
Port Alberni Forest District

Enclosure

cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

bcc: Resource Tenures & Engineering Branch
- Signed duplicate of document attached.

Valuation Section - Appraisals-Vancouver Forest Region
- Photocopy of document attached for coding.

PROMISE CARDED

AUG 15 1995

"KEYED FTAS"



PROVINCE OF BRITISH COLUMBIA

TREE FARM LICENCE No. 44

ROAD PERMIT NO. R07655

FILE NO. 11400-20

THIS ROAD PERMIT, ISSUED TO:

Permittee Name: MacMillan Bloedel Limited
Properties Division
(the "Permittee")

Permittee Address: 925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

This Road Permit is issued under section 91.1 the *Forest Act*.

1.00 GRANT OF RIGHTS

1.01. Subject to the *Forest Act* and its Regulations, and the *Forest Practices Code of B.C. Act*, and its Regulations and Standards, the District Manager grants to the Permittee the right to either:

- (a) construct or modify the road to the standards/specifications described in the attached Schedules and to the extent necessary harvest from the Clearing Area, that Crown timber described in the attached schedules, that must be logged in order to construct or modify the road and use and maintain the road, or
- (b) use and maintain the road according to the requirements described in the attached Schedules.

2.00 PERMIT AREA AND TERM

2.01 The Permit Area is that land shown highlighted on the map(s) attached to this Road Permit.

2.02 The term of this Road Permit shall begin on **August 8, 1995**, and terminate on the date when the District Manager notifies the Permittee in writing that the road has been permanently deactivated to his satisfaction, or that future use of the road by others will preclude the need for permanent deactivation.

F.S. 582RVA ENG 95/6

3.00 PAYMENTS

3.01 Immediately on receipt of a statement or notice issued on behalf of the Crown in respect of timber harvested under this Road Permit, the Permittee shall pay to the Crown

- (a) stumpage at rates determined, redetermined and varied under the *Forest Act*,
- (b) a bonus bid in the amount of \$N/A/m³ in respect of timber harvested under this Road Permit; and
- (c) any charges made in respect of an assessment under paragraph 6.03 of the Road Permit.

4.00 TIMBER MARKS AND REPORTING

4.01 For purposes of the Forest Act, the timber mark for this Road Permit shall be that mark specified in the Schedule. The Permittee shall not remove timber from the "Clearing Area" unless the timber has been conspicuously marked, in the manner prescribed in the regulations, with the specified timber mark.

4.02 The Permittee shall report promptly information regarding timber harvested under this Road Permit in accordance with the *Forest Act* and the Schedule.

5.00 TIMBER UTILIZATION STANDARDS

5.01 The Permittee shall harvest timber under this Road Permit in accordance with the timber utilization standards set out in the Schedule.

6.00 RESIDUE AND WASTE

6.01 The Permittee, as required by the District Manager, will determine and report to the District Manager, the residue and waste left after harvesting under this Road Permit in accordance with the procedures found in the Ministry of Forests "Provincial Logging Residue and Waste Measurement Procedures Manual", as amended from time to time.

6.02 If the Permittee fails to perform its obligations under paragraph 6.01, then the District Manager may make such a determination.

6.03 Immediately upon receipt of a statement or notice issued by the Crown, the Permittee shall pay to the Crown as liquidated damages, a waste assessment equal to the total of:

- (a) the volume of avoidable waste determined under paragraph 6.01 or in its absence, the volume of avoidable waste determined under paragraph 6.02, multiplied by the Average Billed Stumpage rate for the timber mark, and
- (b) if a determination was generated pursuant to paragraph 6.02, the reasonable costs incurred by the Crown in preparing that determination.

7.00 PLANS, SPECIFICATIONS, AND FIELD PRACTICES

7.01 In building, modifying, maintaining and using the road under this Road Permit, the Permittee shall:

- (a) comply with the plans and specifications set out in this Road Permit and in the Schedule attached to this Road Permit, where applicable, and with a Forest Development Plan;
- (b) obtain the necessary permits or authorization for the crossing of alienated lands including but not limited to powerlines, pipelines, railroads, public roads, mineral claims, A.L.R.'s;
- (c) obtain the necessary permits or authorization from other resource agencies.

7.02 The issuance of this permit constitutes approval of the road layout and design required under section 60 of the *Forest Practices Code of B.C. Act* for the roads shown highlighted on the map(s) attached to the permit.

7.03 The Permittee shall not obstruct or damage this or any other road or recreation trail as a result of timber harvesting or related operations carried on under this Permit.

7.04 The Permittee shall ensure that any gate erected in accordance with section 96 of the *Forest Act* shall not be, or become, a hazard to the users of the road. Subject to the approval of the District Manager, the gate shall be placed in a conspicuous location, adequately marked with permanent reflective material to be clearly visible to the operator of a motor vehicle from a safe stopping distance. Warning signs shall be located to give vehicle operators adequate warning of the obstruction.

8.00 ROAD PERMITS FOR WOODLOT LICENCES

N/A

9.00 MISCELLANEOUS

- 9.01** The Permittee is designated as the principal contractor as described in section 4.02(4) of the *Industrial Health and Safety Regulations of the Workers' Compensation Board of B.C.* and shall carry out the duties of the principal contractor as described therein.
- 9.02** In accepting this Road Permit, the Permittee acknowledges that it is bound by the provisions of this Road Permit.
- 9.03** The Permittee acknowledges that the Schedules form a part of the Road Permit and that the Permittee is bound by the provisions set out in the Schedule. Where the Schedules conflict with this Road Permit, the Schedules shall prevail.
- 9.04** There is reserved to the Crown:
- (a) the right to grant rights-of-way across, through or over the Permit Area to other parties, on such terms and conditions as the District Manager determines; and
 - (b) the right of employees and agents of the Crown to use and to cross the road and the Permit Area;
- but the exercise of the Crown's rights under this paragraph shall not unreasonably impede or obstruct the Permittee's reasonable use of the road.
- 9.05** Upon termination or cancellation of this permit:
- (a) title to all improvements that are fixed to the Crown land under this Road Permit, shall vest in the Crown without compensation to the Permittee
 - (b) for the purposes of this Road Permit, all bridges are considered to be fixed except those identified in the Schedule(s) as specifically exempted by the District Manager.
- 9.06** This Road Permit shall enure to the benefit of, and be binding on, the parties and their respective heirs, executors, successors and permitted assigns.
- 9.07** Where this road is the subject of a Road Use Permit and the Permittee and the holder of the Road Use Permit cannot agree on the terms and conditions of a road use agreement, the Permittee may agree to have the matter referred to the District Manager pursuant to section 56(4) of the *Forest Practices Code of B.C. Act*.

10.00 INTERPRETATION

10.01 Definitions of terms not defined in this Road Permit shall have the same meaning as that given in the *Forest Act*, its Regulations or the Licence. In cases of conflict, the definition in the Licence shall govern

10.02 In this Road Permit:

- (a) "Average Billed Stumpage rate" means the weighted average billed stumpage rate, inclusive of bonus bid, for the twelve months up to and including the calendar month immediately following the completion of primary logging under this Road Permit, for the timber required to be removed under paragraph 5.01;
- (b) "Clearing Area" means that area of land bounded by the outer limits of the clearing width as described in the Forest Road Regulation, and the length of road shown highlighted on attached maps;
- (c) "Permit Area" means that area of land, bounded by the outer limits of the statused right-of-way and the length of road shown highlighted on attached maps;
- (d) "Licence" means the (Tree Farm Licence, Forest Licence, or Timber Sale Licence) describe at the beginning of this Road Permit;
- (e) "Schedule" means the Schedule attached to the Road Permit;
- (f) "waste" means waste as defined in the Ministry of Forests "Provincial Logging Residue Waste Measurement Procedures", as amended from time to time;
- (g) "residue" means residue as defined in the Ministry of Forests "Provincial Logging Residue Wastes Measurement Procedures", as amended from time to time.

11. NOTICE

11.01 A notice given under this Road Permit must be in writing.

11.02 Where a notice is to be given under this Road Permit, it may be

- (a) delivered by hand; or
- (b) sent by prepaid registered mail addressed to the address
 - (i) specified on the first page of this Road Permit; or
 - (ii) to such other address as is specified in a notice given in accordance with this Part.

ISSUED on *August 8th, 1995* by)
the District Manager on behalf of)
Her Majesty the Queen in right of)
the Province of British Columbia)
in the presence of:)

John B. Lang)
)
)
)

P.A. Pashnik

P.A. Pashnik, District Manager

Port Alberni Forest District

ROAD PERMIT - DESIGN CRITERIA

SCHEDULE 'A'

ROAD PERMIT NUMBER: R07655 AMENDMENT NUMBER: Original

ROAD NAME/REFERENCE:		All amendments to Road Permit No. R04522			
SECTION (KM - KM)		approved since June 15, 1995 are an integral			
USE OF PERMIT:		part of this schedule. This includes:			
CONSTRUCT/MODIFY AND MAINTAIN	✓	June 19, 1995 -	FL921 Station 0+000 to		
USE AND MAINTAIN EXISTING ROAD	✓		Station 0+438.		
ROAD TYPE*			FL920A Station 0+000 to		
COMMUNITY WATERSHED (Y/N)			Station 0+035.		
LIKELIHOOD OF LANDSLIDES (L OR M/H)		July 4, 1995 -	Camp Main Station 1+559 to		
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)			Station 3+455.		
AVERAGE CLEARING WIDTH (m)		July 4, 1995 -	Br.60F8 Station 0+000 to		
FINISHED ROAD WIDTH (m)			Station 0+070.		
DITCH DEPTH IN O.M. (m)			Br.60F9 Station 0+000 to		
DITCH DEPTH IN ROCK (m)			Station 0+233.		
USABLE TURNOUT LENGTH/WIDTH (m)		July 7, 1995 -	Br.60F7 Station 0+000 to		
TURNOUTS: INTERVISIBLE (Y/N)			Station 0+448.		
TURNOUTS: MINIMUM # PER KM		July 26, 1995 -	Camp Main-Bridge.		
MIN. CURVE RADIUS (m)					
MAX. FAV. SUSTAINED GRADE (%)					
MAX. ADV. SUSTAINED GRADE (%)					
MAX. FAV. SHORT PITCH GRADE (%)					
MAX. ADV. S.P. GRADE (%)					

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

SCHEDULE 'A'

Sheet 2 of 3

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

SCHEDULE 'A'

Sheet 3 of 3

ROAD SPECIFICATIONS

ROAD NAME						
SECTION (KM - KM)						
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)						
LOGS USED TO RETAIN FILL (Y/N)						
STUMPS LEFT IN PLACE (Y/N)						
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)						
- END HAUL						
- BURY						
- SCATTER						
- PILE & BURN						
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL						
ORGANICS IN FILL (Y/N)						
CONSTRUCTION SURVEY (Y/N)						
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)						
WASTE SITE LOCATIONS (KM)						
SURFACING (DEPTH MM)						
GRAVEL PIT LOCATIONS (KM)						
BORROW LOCATIONS (KM)						
OTHER: SPECIFY						
NUMBER OF R/W LANDINGS PER KM						
LOCATION OF R/W LANDINGS (KM)						

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

SCHEDULE 'B'

Utilization Standards/"Other Timber Requirements"

For Use on the Coast:

- The timber mark shall be (a) a timber mark that is applicable to timber to which the road provides access and so designated by the District Manager; or (b) a mark designated by the District Manager of the closest active cutting permit within Tree Farm Licence No. 44 until such time as a mark is designated under (a).

For Use in the Interior:

- The timber mark shall be the Road Permit number - N/A.

Timber Utilization Standards, pursuant to paragraph 5.01:

(a) Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

(b) Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

Special Provisions

- Site-specific prescriptions shall be as submitted by permittee and approved by the District Manager.
- Vegetation specifications shall be as submitted by permittee and approved by the District Manager.
- Prescriptions for protecting the other forest resources shall be as submitted by permittee and approved by the District Manager.
- The permittee shall post the radio frequency at the start of the road and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency.
- The plan/profiles as submitted by the permittee and approved by the District Manager shall form an integral part of the permit.

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205



File: ²⁵ 11400-20 RO7655 Amendment # 1
19700-40-TFL 44, CP 2
Opening 8875

August 10, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated June 29, 1995, for amendment of Road Permit No. RO7655 of Tree Farm Licence (TFL) 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. RO7655, the attached Schedule C and map shall form an integral part of the document for Road Permit No. RO7655 and should be attached thereto.

Yours truly,

Paul A. Pashnik
District Manager
Port Alberni Forest District

Attachment

cc: MB Ltd., Franklin Woodlands Div, Port Alberni, BC

SCHEDULE C

95/08/10

RO Permit No. 7655

Amendment No. 1

Permission is hereby granted to construct ten helicopter landings on a total area which is approximately three hectares, as shown in red on the attached sketch.

The intent of these designated landings is to ensure safe, efficient landing areas for harvesting Opening 8875. These landing areas have been chosen so as to utilize already existing landings and spur roads. No additional site loss is permitted.

the following helicopter landings are approved for construction.

<u>Landing No.</u>	<u>Area (ha)</u>
1	0.4
2	0.3 (20 X 100m on GC 14 and 20 X 35m on spur B)
3	0.14 (25 X 55m)
4	0.44 (25 X 175m)
5	0.3 (20X 150m)
6	0.4 (20 X 185m)
7	0.3
8	0.3
9	0.3
10	0.2 Service Landing

Note that landing areas 2,3,4,5 and 6 have been reduced in size from what was requested on the June 29, 1995 application. this will restrict most operations to within the road right-of-way. Where site degradation already exists outside of what has been allocated for landings 2 through 6 indicated above, this area may also be used for helicopter landings. Piling of wood along roads and ditch lines also requested in the June 29, 1995 letter is not approved at this time.

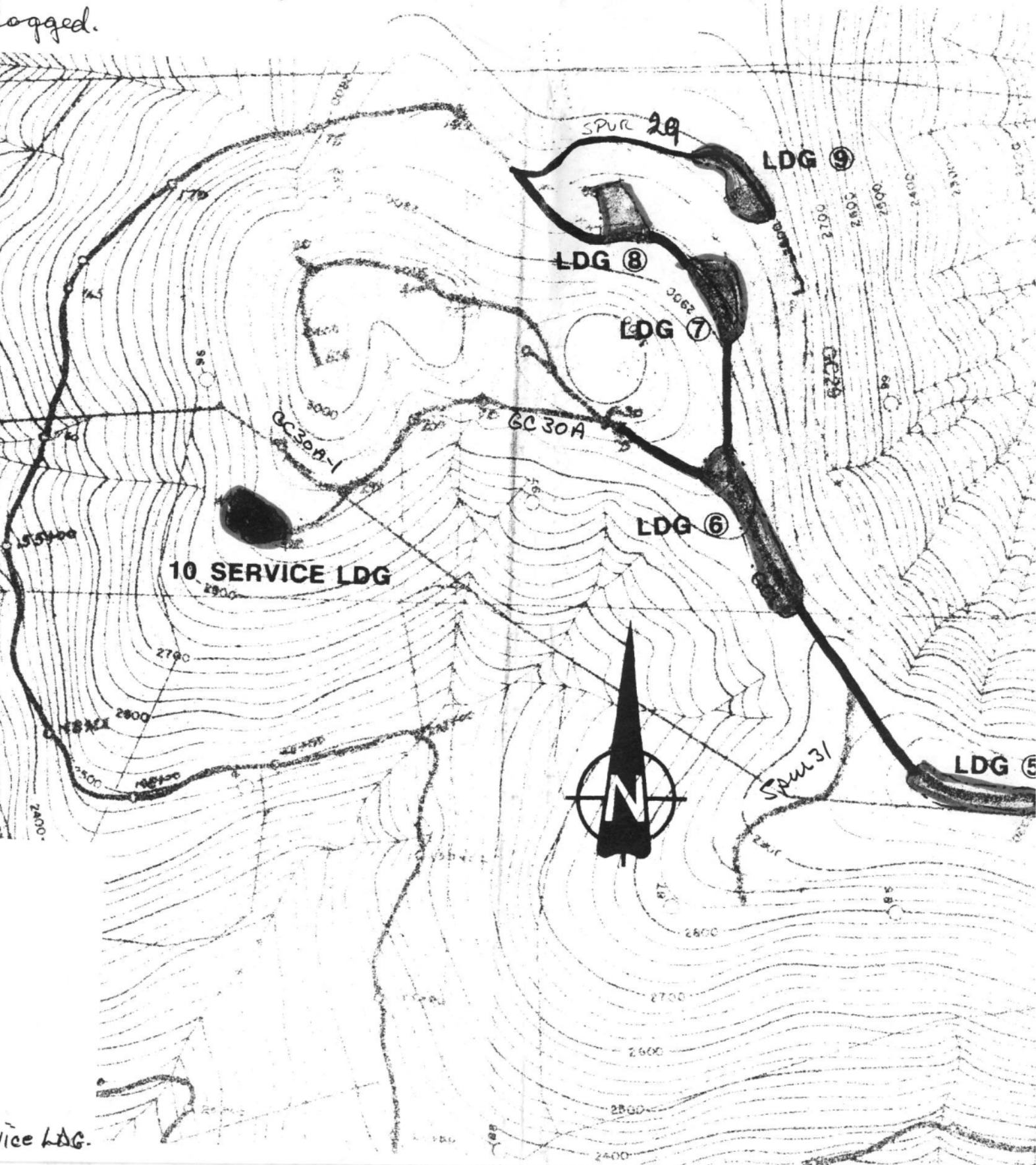
Regeneration along the landing boundaries must be left undamaged as per S. 67(2)(d) of the Forest Practices Code of British Columbia Act. Where it is anticipated that this may not be achieved, it is advisable to establish a physical barrier around landing areas.

Construction of landings 7,8, and 9 will require removal of alder trees established on these old longline landing sites, and construction and levelling of service landing # 10 will require clearing a small area occupied predominantly by shrubs, located between the previously constructed landing and spur road. This is acceptable.

Operators must be made fully aware of the requirements of this approval with regards to protecting existing regeneration adjacent to the designated landing areas.

g:\major\tempcaro\RO7655

any remaining
ones
road lengths to stack wood along
service landing.
helicopter portion of block.
logged.





District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: 724-9261

File(s): 11400-20, R04522
19700-40 - TFL 44, CP New
Opening 9758

July 26, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your submission dated July 21, 1995, of outstanding bridge design information for Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

- I. Pursuant to paragraph 1.05 of Road Permit No. R04522 the bridge design and construction for the crossing at station 2+000 (creek 3) as shown in red on the attached sketch is hereby approved.

The bridge construction and in stream equipment travel shall be in conformity to the Department of Fisheries and Oceans (DFO) and Ministry of Environment, Lands and Parks (MOELP) timing windows and in any event during low flow periods.

- II. This road permit amendment is subject to:

- (a) the *Forest Act* and the regulations made under that act.
- (b) the *Forest Practices Code of British Columbia Act* and the regulations and standards made under that act.
- (c) the licensee fully complying with the acts, regulations and standards referred to in items (a) and (b) of Section II.
- (d) the licensee ensuring that it's employees and contractors comply with these acts, regulations and standards when engaging in or carrying out activities or operations under or associated with this road permit amendment.

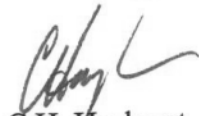
...../2

- (e) the *Worker's Compensation Board Act (WCB Act)* or a regulation under that act. If there is conflict between the *WCB Act* or regulation and this road permit amendment; the *WCB Act* or regulation made under that act shall prevail.

Nothing in this road permit amendment is to be construed as authorizing the licensee to carry out any operations or engage in any activities otherwise than in accordance with the requirements of the acts, regulations and standards referred to in items (a) and (b) of Section II.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



C.H. Hayhurst
Acting District Manager
Port Alberni Forest District

Attachment

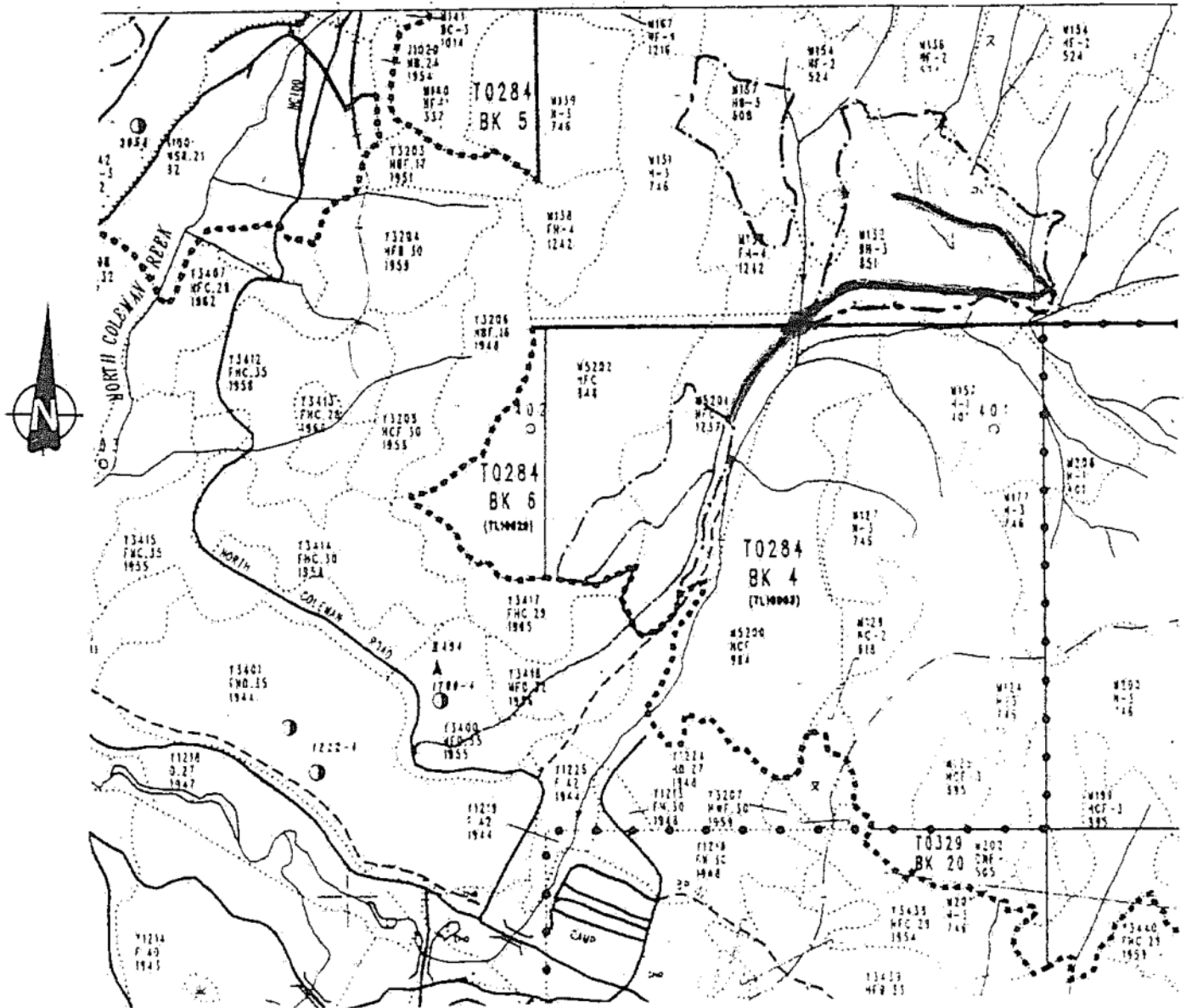
cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment

RO4522

T.F.L. 44





5 Year Plan #9758

Opening: Camp-3


C.P.(old CP#2)

Approved Area:

Road Located 

Amended Area: 

Scale:1:20,000

Bridge Location 

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax.: 724-9261

25 7655
File(s): 11400-20, R04522
19700-40 - TFL 44, CP New
Opening 8785

July 7, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated May 29, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522 permission is hereby granted to cut and remove merchantable timber from the area which is approximately 0.9 hectares and construct road as shown in red on the attached sketch.

I. Road construction is approved subject to the following conditions:

(a) The following roads are approved for construction:

BR60F7 Station 0+000 to Station 0+448

Note that BR60F2 as requested in your application letter, is not approved. It will be deleted from the opening.

(b) The plans, profiles and prescriptions submitted February 8, 1995, and Doug Erickson's (R.O. Engineering) conditions dated February 16, 1995.

(c) Strict adherence to the two Terrain Stability Assessments by D.N. Proudfoot dated January 30, 1995 and Glynnis Horel dated December 6, 1994.

...../2

- (d) The *FPCRR* Section 14 requires in the first growing season after completion of construction revegetation of borrow pits, waste areas, road cuts and fills and other disturbed areas within the clearing width. The licensee shall submit for MoF District Manager approval the vegetation specifications as required by the *FPC* regulation within three (3) months of this road permit amendment.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (f) Utilization standards shall be as specified in the CP Document. Any timber harvested from the right-of-way prior to a CP being issued for Opening 8785 shall be marked to the nearest active cutting permit.

II. This road permit amendment is subject to:

- (a) the *Forest Act* and the regulations made under that act.
- (b) the *Forest Practices Code of British Columbia Act* and the regulations and standards made under that act.
- (c) the licensee fully complying with the acts, regulations and standards referred to in items (a) and (b) of Section II.
- (d) the licensee ensuring that its employees and contractors comply with these acts, regulations and standards when engaging in or carrying out activities or operations under or associated with this road permit amendment.
- (e) the *Worker's Compensation Board Act (WCB Act)* or a regulation under that act. If there is conflict between the *WCB Act* or regulation and this road permit amendment, the *WCB Act* or regulation made under that act shall prevail.

...../3

Page 3
MB-Properties Div.

Nothing in this road permit amendment is to be construed as authorizing the licensee to carry out any operations or engage in any activities otherwise than in accordance with the requirements of the acts, regulations and standards referred to in items (a) and (b) of Section II.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



C. HAYHURST

~~Paul A. Pashnik~~
District Manager
Port Alberni Forest District

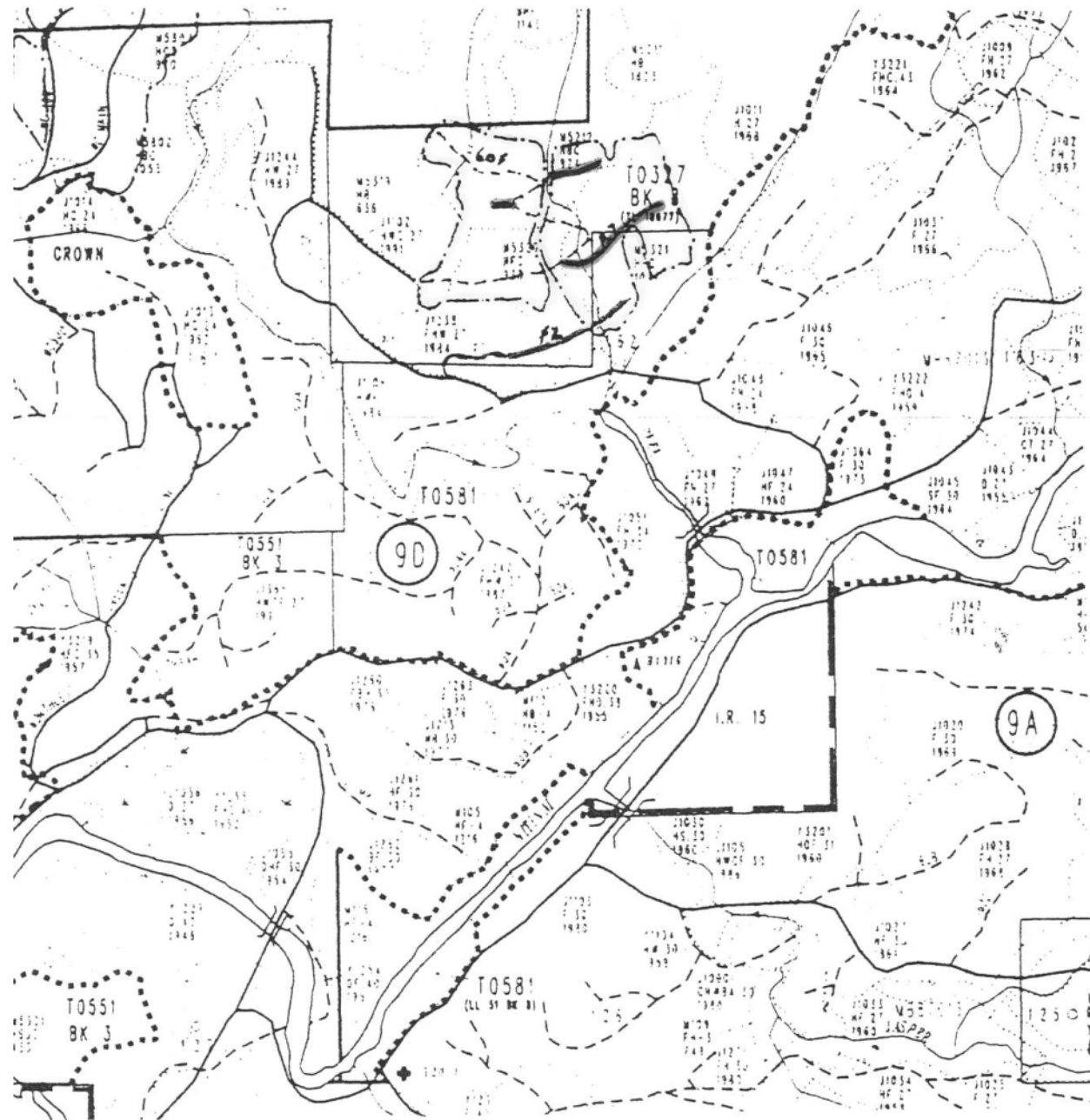
Attachment

cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44




Plan #8785

Opening: BR60F2

old C.P.#2

ved Area:

Road Located 

ded Area: 

Scale: 1:20,000



File(s): 11400-20, R04522
19700-40 - TFL 44, CP New
Opening 8785

July 4, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated May 29, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522 permission is hereby granted to cut and remove merchantable timber from the area which is approximately 0.6 hectares and construct road as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following roads are approved for construction:

BR60F8 Station 0+000 to 0+070

BR60F9 Station 0+000 to 0+233

Note that BR60F2 and BR60F7 as requested in your application letter are not approved at this time.

- (b) The plans, profiles and prescriptions submitted February 8, 1995, and Doug Erickson's (R.O. Engineering) conditions dated February 16, 1995.
- (c) Strict adherence to the two Terrain Stability Assessments by D.N. Proudfoot dated January 30, 1995 and Glynnis Horel dated December 6, 1994.

...../2

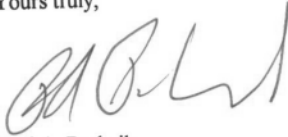
- (d) The *FPCRR* Section 14 requires in the first growing season after completion of construction revegetation of borrow pits, waste areas, road cuts and fills and other disturbed areas within the clearing width. The licensee shall submit for MoF District Manager approval the vegetation specifications as required by the *FPC* regulation within three (3) months of this road permit amendment.
 - (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
 - (f) Utilization standards shall be as specified in the CP Document. Any timber harvested from the right-of-way prior to a CP being issued for Opening 8785 shall be marked to the nearest active cutting permit.
- II. This road permit amendment is subject to:
- (a) the *Forest Act* and the regulations made under that act.
 - (b) the *Forest Practices Code of British Columbia Act* and the regulations and standards made under that act.
 - (c) the licensee fully complying with the acts, regulations and standards referred to in items (a) and (b) of Section II.
 - (d) the licensee ensuring that its employees and contractors comply with these acts, regulations and standards when engaging in or carrying out activities or operations under or associated with this road permit amendment.
 - (e) the *Worker's Compensation Board Act (WCB Act)* or a regulation under that act. If there is conflict between the *WCB Act* or regulation and this road permit amendment; the *WCB Act* or regulation made under that act shall prevail.

...../3

Nothing in this road permit amendment is to be construed as authorizing the licensee to carry out any operations or engage in any activities otherwise than in accordance with the requirements of the acts, regulations and standards referred to in items (a) and (b) of Section II.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,

A handwritten signature in black ink, appearing to read 'P. Pashnik', written over a horizontal line.

Paul A. Pashnik
District Manager
Port Alberni Forest District

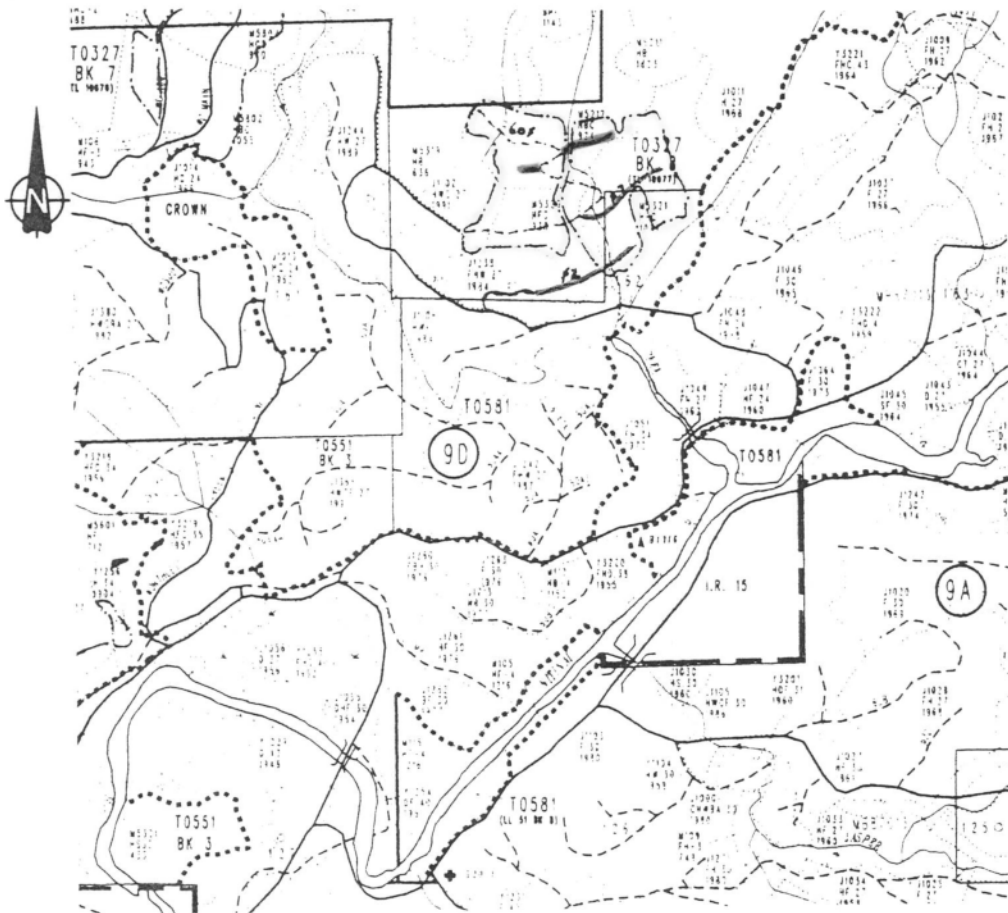
Attachment

cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #8785

Opening: BR60F2

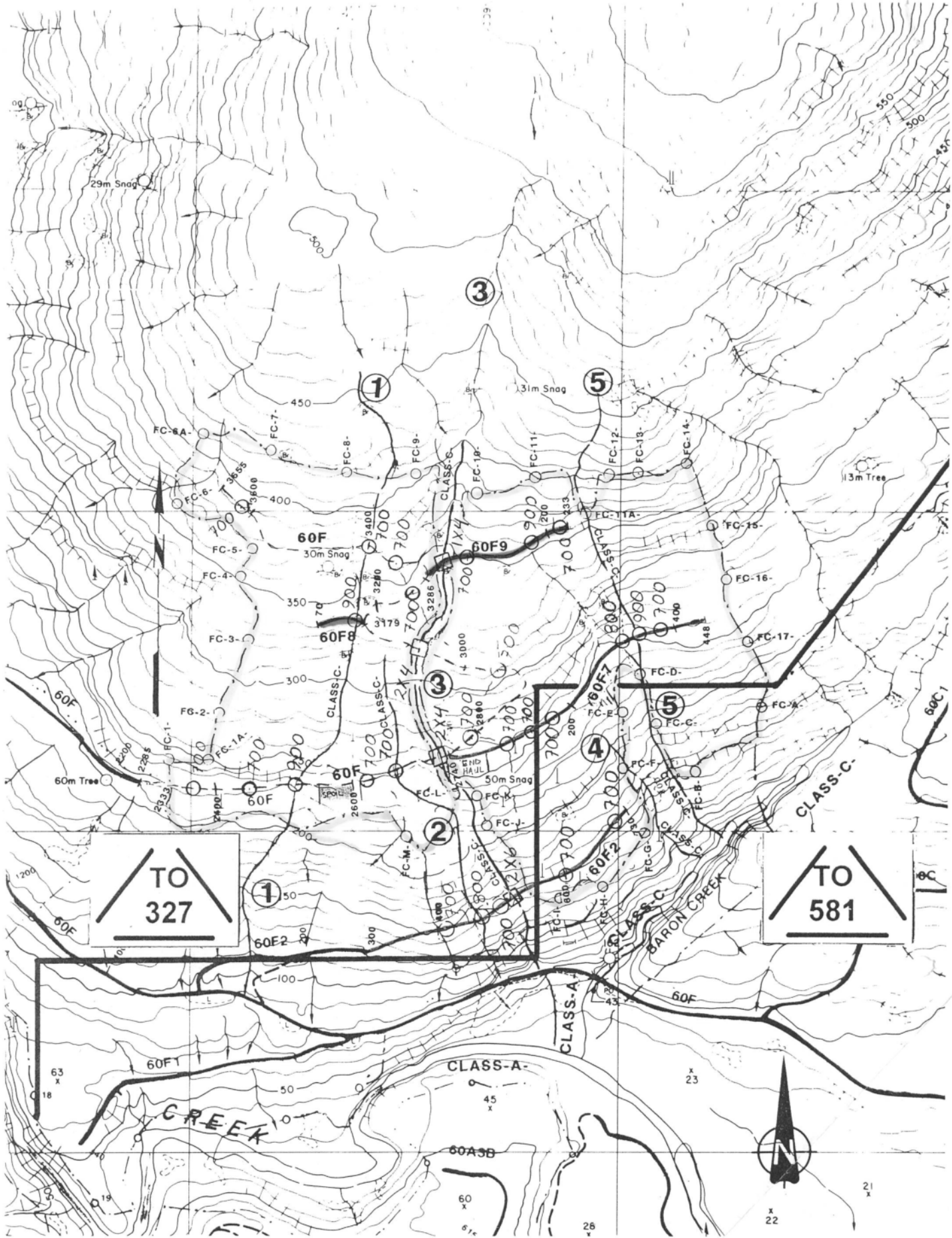
old C.P.#2

Approved Area:

Road Located

Amended Area:

Scale:1:20,000



CONSTRUCTION MAP

PRV 37		COPIES	
OP AREA COLEMAN		DR ENG GEN FOR BULLBUCK FALLERS R/W BOOK GRADE FOR GRADE WALL OPERATOR TREEBOOK HA TIM DEV 1ST AID SHOP	
ENG 800 OPC CP 935 HAIL 59 KM MAP 92C 087:4-4 SCALE 1:5000 FIELD WORK MUF KC DATE DEC CHECKED	HAMMERMARK TO/327 TO/581 END HAIL END HAIL DUMP SITE	VOLUME 3700 300 GRAND TOTAL 4000	ROAD NAME BR 60F F2 F7 F8
START 2285 300 0 0		SLOPE 3655 730 492 70	TOTAL 1370 430 442 70
AV % 45 45 30 20		APPROVED FOR FILLING ENGINEERING PRODUCTION	
METAL PIPE WOOD CULVERT BRIDGE		BR 60F2 OPENING NUMBER 8785	

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: 724-9261



25 7655
File(s): 11400-20, R04522
19700-40 - TFL 44, CP New
Opening 9758

July 4, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated May 24, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522 permission is hereby granted to cut and remove merchantable timber from the area which is approximately 3.8 hectares and construct road as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following roads are approved for construction:

Camp Main Station 1+559 to Station 3+455

- (b) The plans, profiles and prescriptions submitted May 30, 1995.
- (c) Adhere to Terrain Stability Assessment recommendations by D.N. Proudfoot dated July 24, 1994.
- (d) The lower and upper creek 6 crossings shall be increased in size as follows:

Station 2+311 - 1 metre by 4 metre wood culvert
Station 3+300 - 1 metre by 3 metre wood culvert.

...../2

- (e) End haul construction techniques are approved as per the May 30, 1995 submission. End hauling is also required from Station 1+875 to Station 1+885 on Camp Main.
- (f) End haul deposition sites proposed in the licensee May 30, 1995 submission are hereby approved.

Ensure end haul deposition sites are located, constructed and deactivation in accordance with the *Forest Practices Code Road Regulation (FPCRR)*. Specifically, *FPCRR* Sections 10(6), 11(1e), and 11(4). End haul deposition sites shall not be located within riparian management areas.

- (g) The *FPCRR* Section 14 requires in the first growing season after completion of construction revegetation of borrow pits, waste areas, road cuts and fills and other disturbed areas within the clearing width. The licensee shall submit for MoF District Manager approval the vegetation specifications as required by the *FPC* regulation within three (3) months of this road permit amendment.
- (h) Bridge location at Station 2+000 is approved. Prior to construction of the bridge, the bridge design associated information must be approved by the MoF as detailed in the *PFC*. The bridge construction and in stream equipment travel shall be in conformity to the Department of Fisheries and Oceans (DFO) and Ministry of Environment, Lands and Parks (MOELP) timing windows and in any event during low flow periods.
- (i) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (j) Utilization standards shall be as specified in the CP Document. Any timber harvested from the right-of-way prior to a CP being issued for Opening 9758 shall be marked to the nearest active cutting permit.

II. This road permit amendment is subject to:

- (a) the *Forest Act* and the regulations made under that act.
- (b) the *Forest Practices Code of British Columbia Act* and the regulations and standards made under that act.
- (c) the licensee fully complying with the acts, regulations and standards referred to in items (a) and (b) of Section II.
- (d) the licensee ensuring that it's employees and contractors comply with these acts, regulations and standards when engaging in or carrying out activities or operations under or associated with this road permit amendment.

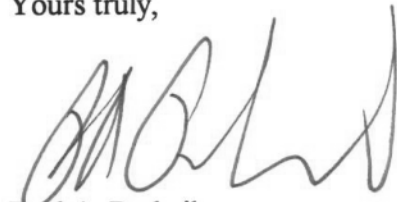
...../3

- (e) the *Worker's Compensation Board Act (WCB Act)* or a regulation under that act. If there is conflict between the *WCB Act* or regulation and this road permit amendment; the *WCB Act* or regulation made under that act shall prevail.

Nothing in this road permit amendment is to be construed as authorizing the licensee to carry out any operations or engage in any activities otherwise than in accordance with the requirements of the acts, regulations and standards referred to in items (a) and (b) of Section II.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



Paul A. Pashnik
District Manager
Port Alberni Forest District

Attachment

cc: MB Ltd., Franklin Woodlands Div., Port Alberni, BC

T.F.L. 44

File(s): 11400-20, R04522
19700-40 - TFL 44, CP new
Opening 8760

June 19, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application and commitments dated May 26, 1995, for amendment of Road Permit No. R04522, within Tree Farm Licence (TFL) No. 44.

Pursuant to paragraph 1.05 of Road Permit No. R04522, permission is hereby granted to cut and remove merchantable timber from the area which is approximately 1.0 hectare and construct road as shown in red on the attached sketch.

Road construction is approved subject to the following conditions:

- (a) The following roads are approved for construction:

FL921 Station 0+000 to Station 0+438
FL920A Station 0+000 to Station 0+035

End haul construction techniques are required as indicated on the May 26, 1995 plans and profiles submission. Note however, that the proposed end haul deposition sites located at Station 0+470 to 0+500 and Station 0+540 to 0+580 on FL 920 are not approved. Instead, end haul materials designated for these two areas will be deposited, if necessary, along the North side of FL920-A. To allow for this, an additional 10 meters beyond the right of way along the north side of spur FL920-A from station 0+000 to 0+035 will be approved for falling.

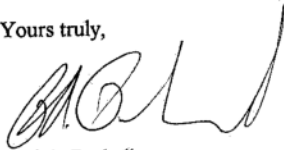
- (b) Fully comply with the *Forest Practices Code Act and Regulations (FPCA&R)*.

...../2

- (c) Road construction shall be in accordance with the specifications contained in the approved Management Plan for TFL No. 44.
- (d) Fully comply with Terrain Assessment recommendations dated February 1, 1995.
- (e) Prior to commencement of cutting, right-of-way boundaries must be established on the ground. All other conditions of the permit apply to this amendment.
- (f) Utilization standards shall be as specified in the CP Document.

This letter forms an integral part of the document for Road Permit No. R04522 and should be attached thereto.

Yours truly,



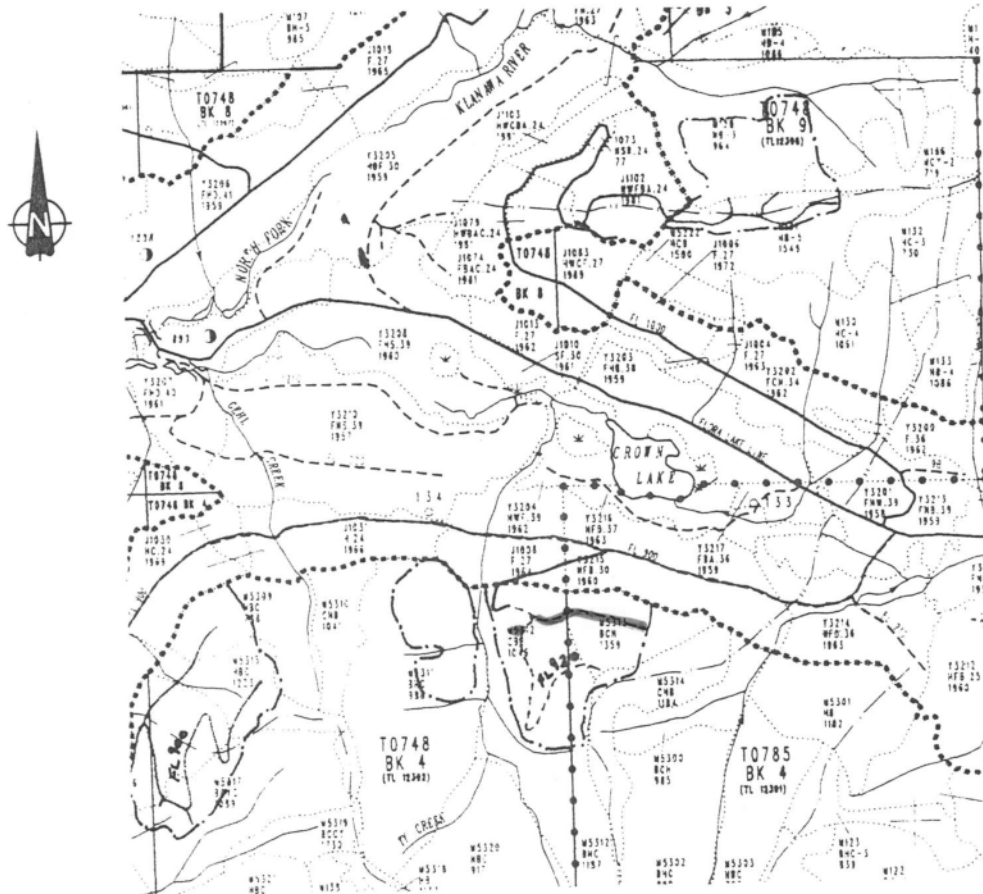
Paul A. Pashnik
District Manager
Port Alberni Forest District

Attachment

cc: MB Ltd., Franklin Woodlands Div.

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #8760

Opening: FL920-1

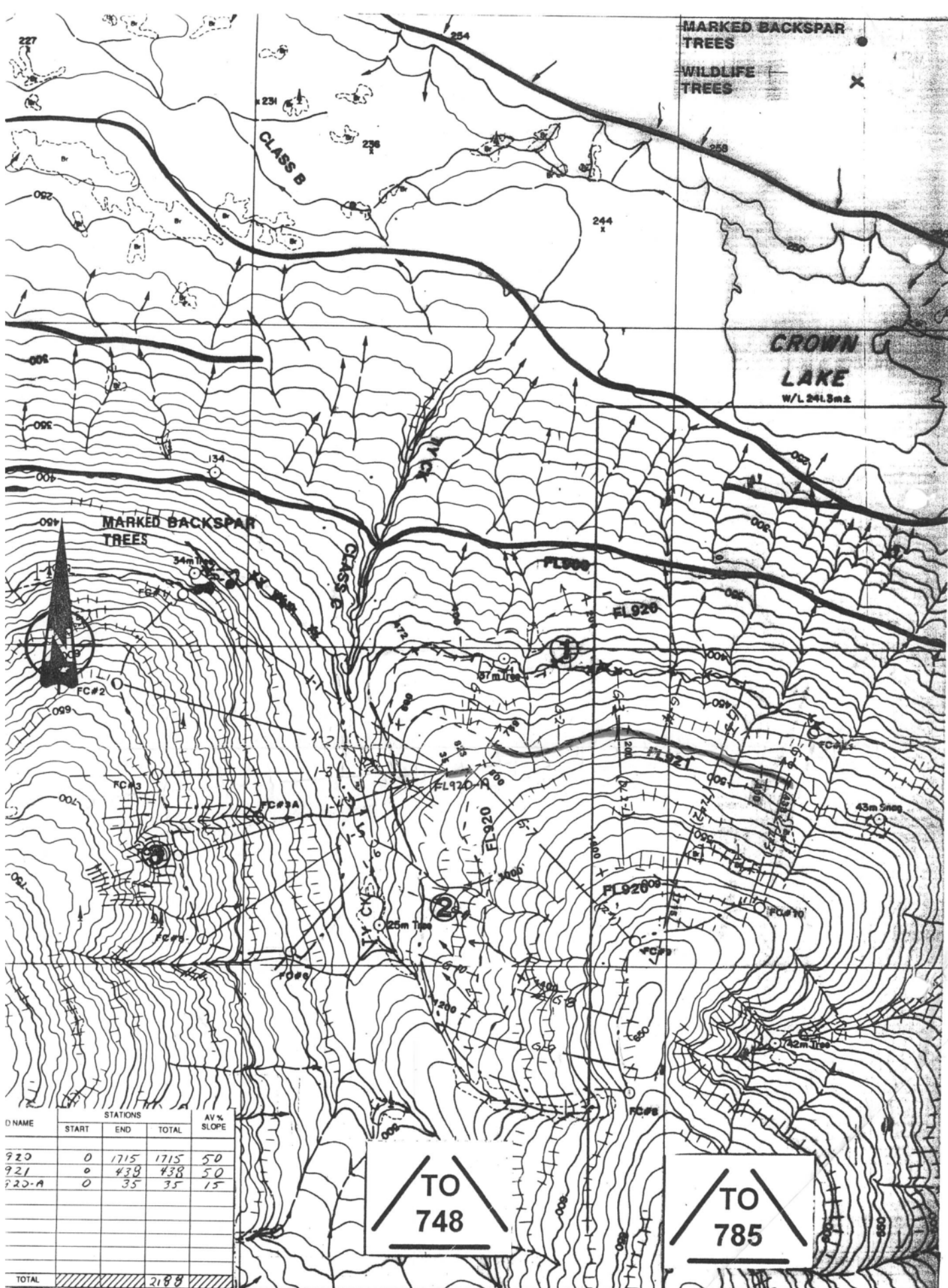
C.P.#2

Approved Area:

Road Located ———

Amended Area: ———

Scale: 1:20,000



LAT 48°51'23"
LONG 124°46'15"

APPROVED FOR FALLING

ENGINEERING

PRODUCTION

FL920-1

OPENING NUMBER

8760

File: 11400-20
R07655, R07656, R07657

January 6, 1995

W. French
MacMillan Bloedel Limited
Franklin Woodlands Division
Port Alberni, British Columbia
V9Y 7N3

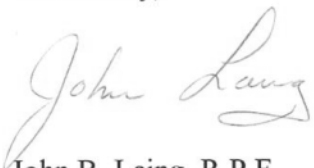
Dear Sir:

Subject: Road Permit Applications by Franklin Woodlands Division

I have reviewed and processed several backlog road permit applications from your division this week.. These were re-construction applications and were unable to be reviewed last fall because of workloads in the District. The following list summaries their status and any definciencies needing to be addressed.

I will be away until January 11, 1996 but if you have any questions; Carol Reagon may be able to provide assistance.

Yours truly,



John B. Laing, R.P.F.
Tenures Officer
Port Alberni Forest District

cc: C. Reagon, Port Alberni FD

Attachment

r/major/tempj/7657a.doc

STATUS OF ROAD PERMIT APPLICATIONS-FRANKLIN WOODLANDS

A. ROAD PERMIT R07655

Road Permit application
Amendment #96-1

Date - September 20, 1995
Road HC210
Opening 9720

Application is being processed and will be forwarded to District Manager for approval within a week.

Road permit application
Amendment #96-2

Date - September 20, 1995
Road FA210 - Rebuild
Opening 9706

In reviewing and processing this application; the following information is required:

1. Has the bridge design in compliance with the *Forest Practices Code Act (FPC Act)* and Regulation been submitted to this office?
2. What is the riparian classification of stream #2? Portions of the existing road may be within the riparian management area. Under Section 3(2) of the *Forest Road Regulation (FRR)*; the District Manager may have to make a determination. Locations of the existing road within the RMA must be identified (i.e. - road parallels the stream). Are any special measures required in rebuilding to minimize disturbance to the RMA? Are seasonal reconstruction requirements necessary?, Etc. etc.

Road permit application
Amendment #96-3

Date - September 22, 1995
Road HC300 and HC350
Opening 9710

In reviewing and processing this application; the following is noted as requiring submission prior to further review:

1. The stream classification and riparian widths for the major stream where HC300 parallels the stream (eg. Station \pm 15+30 \rightarrow 29+00) is required. Under Section 3(2) of the *FRR*; the District Manager may have to make a determination. Locations of existing road within the RMA must be identified (i.e. road parallels the stream). Any special measures required in rebuilding to minimize impact within an RMA are required. Are seasonal re-construction requirements necessary? Etc., etc.

...../2

2. The information submitted for the Harrison Creek bridge reconstruction is insufficient under the requirements of the *FRR*. Please resubmit the required information as outlined in the *FRR*.
3. Culvert replacements at Station 1+813, 1+893 and 1+939 require peak water flow calculations and culvert design accordingly.
4. No information was submitted for the permanent bridge installation at Station 2+990 of HC300. Please submit the required information outlined in the *FRR*.
5. 1:5 000 map culvert replacements and the Schedule A details are not consistent. Problem likely is the legend on the 1:5 000 map and the map location of culverts being inconsistent. Are the non-coloured round circle culverts supposed to be coloured red in conformity with the legend?

**Road permit application
Amendment #96-4**

**Date - September 7, 1995
Road Nad 700-1
Opening 9793**

Application is being processed and will be forwarded to District Manager for approval within a week. Approval will have a proviso for your submission of peak for calculations of twin 1200mm pipes at Station 1+350 of Nad700. District Engineering Officer will be required to review and approve culvert size prior to installation.

**Road permit application
Amendment #96-5**

**Date - September 15, 1995
Road Br. 60F-2
Opening 8784**

Application is being processed and will be forwarded to District Manager for approval within a week.

**Road permit application
Amendment #96-7**

**Date - September 7, 1995
Road Harrison Creek
Mainline, HC410, HC420**

Application is being processed and will be forwarded to District Manager for approval within a week.

**Road permit application
Amendment #96-8**

**Date - October 12, 1995
Road 70B
Opening 8725**

Application is being processed and will be forwarded to District Manager for approval within a week.

...../3

**Road permit application
Amendment #96-6**

Date - December 12, 1995

This request is being processed. However; our monitoring and enforcement staff indicates operations under this application have proceeded without approval. Approval of the application does not mean administrative remedies will not be explored under the *FPC Act* or *Forest Act*.

**Road permit application
Amendment #96-9**

**Date - September 15, 1995
Road Heather Main
Opening 0601**

Application incorrectly submitted under road permit 7659. Application is being processed under RO7655 and will be forwarded for District Manager approval within a week.

B. ROAD PERMIT R07657

**Road Permit application
Amendment #96-1**

**Date - September 14, 1995
Road SC10
Opening 9692**

In reviewing the application; the following is noted as requiring submission prior to further review.

1. The information submitted for the Spencer Creek bridge replacement is insufficient under the requirements of the *FRR*. Please resubmit the required information as outlined in the *FRR*.

C. ROAD PERMIT R07656

**Road Permit application
Amendments #96-1 & 96-2**

**Date -October 4, 1995
Roads 167C5 & 247E
Openings 9708 & 8640**

Applications are being processed and will be forwarded to District Manager for approval within one week.

...../4

D. MISCELLANEOUS ROAD PERMIT CONCERNS

(a) Road Permit R07655 (old R04522)

- missing approval of several main roads in the CP 2 (old) geographic area.
- all roads on mapsheet 92C096 and 92F006 within CP 2 area are not approved.
- roads include Camp B access road, Coleman Road.
- please review and submit amendment.

(b) Road Permit 7659 (old R04554)

- missing CAMP B access road within CP 1 general area.
- please review and submit amendment.

(c) Road Permit R07655 (old R04522)

Date September 20, 1995

Road HC500

Opening 9712

As this is only a short section of road and minimal road rebuild is required; unless otherwise notified by yourselves this application will be processed with road permit approvals for Opening 9712 in the future.

r/major/tempj/7655.doc



Province of
British Columbia

Ministry
of Forests



11400-20
R07655

LICENSEE MACMILLAN BLOEDEL
ADDRESS FRANKLIN
WOODLANDS

HARVEST INSPECTION REPORT

TENURE TFL 44 C.P.

BLOCK 8717

POSTAL CODE _____
EXAMINATION DATE

Y	M	D
95	12	13

LOCATION FL 550-Z

BCGS MAP SHEET _____ OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- | | |
|--|--|
| <input type="checkbox"/> INTERIM REPORT | <input type="checkbox"/> Y - YARDING |
| <input type="checkbox"/> N - NO LOGGING TO DATE | <input type="checkbox"/> L - LOADING |
| <input checked="" type="checkbox"/> 1 - PART LOGGED - NOW INACTIVE | <input type="checkbox"/> S - SALVAGING |
| <input type="checkbox"/> A - ACTIVE | <input type="checkbox"/> D - DEAD & DOWN |
| <input type="checkbox"/> R - ROADS | |
| <input type="checkbox"/> P - PREPOLING | |
| <input type="checkbox"/> F - FALLING | |
| <input type="checkbox"/> FINAL REPORT | |
| <input type="checkbox"/> B - BLOCK COMPLETED | |
| <input type="checkbox"/> C - ALL BLOCKS COMPLETED | |

CONTRACTUAL OBLIGATIONS:

YES NO N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | P - COMPLIANCE WITH LOGGING PLAN |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | S - SNAGS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | R - RESIDUALS FELLED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | M - TIMBER MARKING SATISFACTORY |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | L - LITTER REMOVED / DISPOSED OF |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | U - UTILIZATION SATISFACTORY |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | E - COMPLIANCE WITH ROAD SPECS |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | C - STREAMSIDE MGT. STRAT. FOLLOWED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | W - WASTE ASSESS. COMPLETED IF DUE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | H - F.S. 117 COMPLETED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | I - FIXTURES / EQUIPMENT REMOVED |

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y	M	D

REMARKS
- LITTER HAS BEEN LEFT ON SITE (BLASTING POWDER BAGS, HOSE PIPE, ETC)
- WOODY DEBRIS HAS BEEN INTRODUCED INTO A CREEK
- WOOD & STUMP ARE PERCHED ON OVER STEEPENED SLOPE ABOVE CREEK & CULVERT OUT LET
- POOR UTILIZATION OF RIGHT-OF-WAY WOOD (IE. MANY SMALL LOGS LEFT BEHIND)
- LANDING IS PUSHED UP AGAINST STANDING TIMBER SO THAT COMPLETE UTILIZATION IS IMPOSSIBLE WITHOUT LANDING PULL BACK
- RIGHT-OF-WAY LOGS HAVE BEEN LOADED OUT WITHOUT A TIMBER MARK DESIGNATED FOR THESE ROADS.

MAP REQUIRED
(INCLUDE STUMP ON RECON)

THIS INSPECTION HAS REVEALED THAT OPERATIONS ARE NOT BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

FPC ROAD REG. 10(6)(A); C.P. SCHED. 10.02 OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- REMOVE WOOD DEBRIS FROM CREEK, & STEEP BANK ABOVE CREEK
- PULL BACK FILL SLOPE SO THAT FULL UTILIZATION OF STANDING TREES IS POSSIBLE; REMOVE LITTER
- LOAD OUT ALL MERCH RIGHT-OF-WAY WOOD BEFORE FALLING THE

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE

Y	M	D
96	06	19

 OPENING

ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) GIVEN TO G. EASON FOREST OFFICER (SIGNATURE) Bill Haraway

PRINT NAME FEB 8/96 REFUSED PRINT NAME BILL HARAWAY

FS 107 HTH 89/11 TO SIGN DISTRIBUTION: WHITE - LICENSEE; CANARY - DISTRICT FILE; PINK - OPTIONAL

Ac 95/12/15



Province of
British Columbia

Ministry of Forests



11400-20

R07655

LICENSEE MacMILLAN BLOFDEL

ADDRESS FRANKLIN

WOODLAND

POSTAL CODE _____

TENURE TEL 44 C.P. _____

BLOCK 9717

EXAMINATION DATE

Y M D

LOCATION FL 550-2

BCGS MAP SHEET _____

OPENING NO. _____

NET MERCHANTABLE AREA _____ : LOGGED _____ ha; F & B _____ ha; STANDING _____ ha

LOGGING METHOD(S) _____ TIMBER MARK(S) _____

LOGGING STATUS:

- ☐ INTERIM REPORT
☐ N - NO LOGGING TO DATE
☐ 1 - PART LOGGED - NOW INACTIVE
☐ A - ACTIVE

- ☐ R - ROADS
☐ P - PREPOLING
☐ F - FALLING

- ☐ Y - YARDING
☐ L - LOADING
☐ S - SALVAGING
☐ D - DEAD & DOWN

- ☐ FINAL REPORT
☐ B - BLOCK COMPLETED
☐ C - ALL BLOCKS COMPLETED

CONTRACTUAL OBLIGATIONS:

YES NO N/A

<input type="checkbox"/>
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- ☐ P - COMPLIANCE WITH LOGGING PLAN
☐ S - SNAGS FELLED
☐ R - RESIDUALS FELLED
☐ M - TIMBER MARKING SATISFACTORY
☐ L - LITTER REMOVED / DISPOSED OF
☐ U - UTILIZATION SATISFACTORY
☐ E - COMPLIANCE WITH ROAD SPECS
☐ C - STREAMSIDE MGT. STRAT. FOLLOWED
☐ W - WASTE ASSESS. COMPLETED IF DUE
☐ H - F.S. 117 COMPLETED
☐ I - FIXTURES / EQUIPMENT REMOVED

TOTAL CRUISE VOLUME _____ m³

TOTAL BILLED VOLUME _____ m³

HISTORY RECORD UPDATE: ☐ YES ☐ NO DATE

Y M D

REMARKS

- A STUMP HAS BEEN DUMPED ON
REGEN

- AN INVESTIGATION INTO REMOVAL OF RIGHT-OF-WAY LOGS
IS ONGOING.

THIS INSPECTION HAS REVEALED THAT OPERATIONS _____ BEING CONDUCTED IN ACCORDANCE WITH CONDITION(S) _____

OF THE CUTTING PERMIT / LICENCE. THE FOLLOWING ACTION IS REQUIRED:

- REMOVE THE STUMP FROM REGEN

WORK IS TO BE UNDERTAKEN AND COMPLETED ON OR BEFORE 96/06/19 ANOTHER INSPECTION WILL BE MADE ON OR ABOUT THE
ABOVE DATE. IF SATISFACTORY ACTION HAS NOT BEEN UNDERTAKEN OR IS NOT COMPLETE, THE UNDERSIGNED MAY TAKE FURTHER ACTION.

RECEIVED BY (SIGNATURE) GIVEN TO G. EASON FOREST OFFICER (SIGNATURE) BILL HARAWY

PRINT NAME REFUSED TO SIGN

PRINT NAME BILL HARAWY



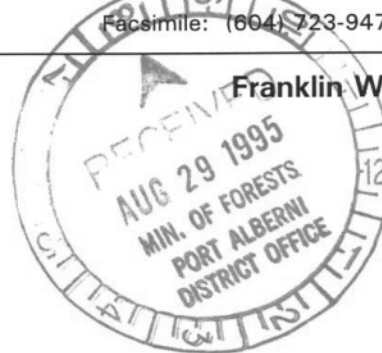
Port Alberni, B.C. V9Y 7N3

Telephone: (604) 723-9471

Facsimile: (604) 723-9471

August 15, 1995

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1

ATTN: Mr. P. Pashnik, District Manager**Re: T.F.L. 44, C.P. Openings:-See list below FPCRR Section 14****Franklin Woodlands Division**

11400-20

RO 7655

RO 7656

RO 7657

RO 7658

RO 7659

RO 7660

The following list of Road Permit approvals requested a submission of specifications for vegetation of disturbed areas.

Road	Station	to Station	Date	Type of disturbance
G310	0+065	0+180	August 2, 1995	End haul dump site
265C	1+430	3+070	July 18, 1995	New road
265C3	0+000	0+040	July 18, 1995	New road
265C4	0+000	0+361	July 18, 1995	New road
265	550 from 265C junction		July 18, 1995	Pit
266	4+685	5+197	August 4, 1995	New road
266 spur 1	0+000	0+071	August 4, 1995	New road
Gorge Main	6+800	8+173	July 26, 1995	New road
N1100	1+635	1+670	July 21, 1995	End haul dump site
Br60F7	0+000	0+448	July 7, 1995	New road
Camp Main	1+559	3+455	July 4, 1995	New road

Attached are the hydroseeding / hand seeding specifications we propose to use.

Yours truly,

MacMillan Bloedel Limited
Franklin Woodlands Division

D.G. Eason, R.P.F.
Divisional Engineer

/dat

c:\winword\davedocs\misc\fpseed.doc

95-8
95-2,3

MacMillan Seed Standard Seedmix Specifications

Percent of seedmix by weight

Grasses

Variety

Perennial Rye	Common
Creeping Red Fescue	Common
Orchardgrass	Common
Orchardgrass	KAY, ARCTIC
Canada Bluegrass	Common
Kentucky Bluegrass	Common
Redtop Bentgrass	Common
Colonial Bentgrass	Common
Timothy	Common
Hard Fescue	Common
Sheep Fescue	Common
Tall Fescue	COURT., PHYTER
Meadow Fescue	Common
Meadow Foxtail	Common
Smooth Bromegrass	Common
Cereal (Fall) Rye	Common

No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basic	Trail	Drought	Wetland	Alpine	Legume
25			25		
20	30	20	10	25	
15					
				10	
7	15	5	5	5	
3	5		5		
	10		20	10	
		10			
		15			
		20			
			10	20	

May be seeded along with any mix as a nurse crop

Subtotal - Grasses

70	60	70	75	70	0
----	----	----	----	----	---

Legumes

Alsike Clover	Common
White Clover	Common
Red Clover	Common
Yellow Sweetclover	Common
Birdsfoot trefoil	Common
Hairy Vetch	Common

10	10		15	20	35
10	20				20
	10	10			25
5		10	10	10	20
5		10			

Subtotal - Legumes

30	40	30	25	30	100
----	----	----	----	----	-----

TOTAL

100	100	100	100	100	100
-----	-----	-----	-----	-----	-----

Mix	Description	Rate (kg/ha)
Basic	An all-purpose mixture adapted to a wide range of coastal conditions.	50-75
Trail	A mixture of small-seeded grasses and clover for seeding skid or backspare trails. Has 55% more seeds/kg than basic mix so that it can be seeded at a lower rate for hand spreading.	25-35
Drought	Adapted to dry sites (sandy, gravelly soils; south aspects; S.VI.	30-50
Wetland	Adapted to wet sites or ditches, prone to periodic standing water.	50-75
Alpine	Adapted to cold, high elevation sites.	50-75
Legume	A mixture of clovers and trefoil for use on trails, reclaimed pits or any exposed soil where competition with planted trees should be minimized. Can be used after site-prep for brush control.	25-35

Notes:

*Use lower end of seeding range for dry seeding, and middle to upper end for hydroseeding. Somewhat higher rates should be used for helicopter application.
Seed fall rye as a nurse crop at 25 kg/ha. Not suitable where tall grass is undesirable.

**Mixtures may vary annually depending upon cost and availability of individual species.
All legume seed is coated with inoculum for N-fixation.

MacMillan Bloedel Limited

Revegetation and Erosion Control - Specifications

The following materials and rates of application are generally used for hydroseeding, unless site specific conditions dictate otherwise. Dry seeding is done using seed and fertilizer where site conditions permit.

Component	Ground application	Helicopter application
	kg/ha	kg/ha
Seed mix	50 - 62	75 - 94
Fall rye	25 - 31	25 - 31
Fertilizer	200 - 250	200 - 250
Tackifier	30 - 45	45 - 57
Mulch	site specific	68 - 85
Water	1000 - 1250 gal	1000 - 1250 gal

Seed mix: Extra seed is used in helicopter applications to allow for drift and additional damage during mixing and application. Dry seeding can be done where conditions permit at rates of 25 to 50 kg/ha. Seed mixtures for different site conditions are given on the attached sheet.

Fall rye: added as a nurse crop unless planted seedlings or fire hazard make this undesirable

Fertilizer: typical formulations used include 16-26-6 with 50% slow release (TriKote-N or SCU), or 18-18-18. Slow release is usually avoided in helicopter operations to reduce settling problems during application. Fertilizer should be applied separately when dry seeding.

Tackifier: various products are used, including Silva-Tack, M-Binder, alpha plantago, or guar gum. Use depends upon suppliers, price and availability. Rates vary somewhat by product; higher rates in the above ranges are used for steep slopes or soils with high erosion potential.

Mulch: EcoFibre or Silva-Fiber; added to helicopter mix to aid suspension of materials during flight (rates do not provide mulching benefit). Where application timing or site conditions make mulch desirable, a minimum of 1000 kg/ha should be applied.

W.J. Beese
1995



Port Alberni, B.C. V9Y 7N3
Telephone: (604) 723-9471
Facsimile: (604) 723-9471

11420-20

Franklin Woodlands Division

Ro 7655

October 13, 1995

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1



ATTN: Mr. P. Pashnik, District Manager

Dear Sir:

Ro 7655 7657 7658

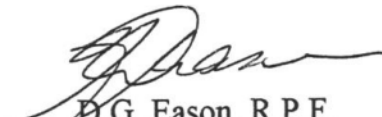
7661 7660

Re: ROAD PERMITS RO4522, RO4524, RO4525, RO4556 & RO4555

In response to your request dated September 22, 1995 for a summary of roads which remain approved in the above listed road permits please find the enclosed lists.

Yours truly,

MacMillan Bloedel Limited
Franklin Woodlands Division


D.G. Eason, R.P.F.
Divisional Engineer

**MacMillan Bloedel Ltd.
Franklin Woodlands Division**

Roads not transferred to new road permits and remain approved under the stated road permit.

ROAD PERMIT # RO4522 - #8785 (BR60F)
#8760 (FL920-1) MISTAKENLY SENT IN UNDER RO4523 APPROVED
#9703 (HC213)
#9781 (NAD150-2)
#9732 (WCK-3)
#9850 (NAD950-1)
#8725 (SM700-1)

ROAD PERMIT # RO4556 - THERE ARE NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4525 - #7517 (440-7)
#7503 (446) MCKAY AREA

ROAD PERMIT # RO4524 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4555 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT

Port Alberni Forest District
Approval Review

File 19700-40
TEL 44 CP New
Opening 9694
Date: Oct 13/95
R07655/R07657

	Yes	/	No	
CORE - R.S.L.	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
<u>Clayoquot</u>	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
Road Permit Approval	<input checked="" type="checkbox"/>	/	<input type="checkbox"/>	amendment to rebuild road
Amendment to C.P.	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
Final Harvesting Approval	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
Consistent with C.P.	<input checked="" type="checkbox"/>	/	<input type="checkbox"/>	
Development Plan Approval	<input type="checkbox"/>	/	<input type="checkbox"/>	Date: <u>N/A</u>
Interagency Review Team Approval	<input type="checkbox"/>	/	<input type="checkbox"/>	Date: <u>N/A</u>

Resource Concerns

Stream Management Plan ☐ DFO Approval ☐ MOELP Approval ☐
Landscape/Recreation Approval Specific ☐ Development Plan Yes ☐ / No ☐
Roads - R.O. Engineering Approval ☐
Terrain Stability - Geo-Technical Report ☐ Compliance Yes ☐ / No ☐
Licensee Assessment - No concerns ☐
Biodiversity Requirements (FENs, DWR, etc.) see below
MOELP Approval - Specific ☐
- Development Plan Yes ☐ / No ☐
Approval consistent with PHSP - Original PHSP Approval ☐
- Amended PHSP Approval ☐

Miscellaneous: This approval will grant authority to rebuild roads that will be used for accessing opening 9692, 9694 scheduled for harvest in 1997. SMP, TSA, ESA, & EARS are outstanding for these openings. This approval is needed for the Franklin Road building program due to lack of new road headings. First rations consultation will be ongoing. NRS is assuming the high
Approval Recommended

Major Tenures Forester	<u>Caryl Roagay</u>	<u>95/10/16</u>
Resource Officer Timber	<u>John Laing</u>	<u>95/10/16</u>
Operations Mgr.-Harvesting		

that these 2 openings may not be approved, this is not likely to happen.
The two openings are outside the LIA. This approval is split up over two
7655 & 7657.



Port Alberni, B.C. V9Y 7N3

Telephone: (604) 723-9471

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Franklin Woodlands Division

September 14, 1995

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1

ATTN: Mr. P. Pashnik District Manager**Re: T.F.L. 44, C.P. (old CP#2) Opening:-rebuild CR400 & CR410****ROAD PERMIT AMENDMENT Coleman/Nitinat old #RO4522 new #RO7655**

This is to request an amendment to the current Cutting Permit within C.P.(old CP#2). The Addendum is indicated in red on the attached map.

These roads are needed in order to access 1997 block #9694 and hook up to Spencer 10 road. The portion to Spencer 10 is needed as an alternate route to haul timber via CR400 (for block #9692) and move machinery from and to Franklin Camp - Coleman Mainline. Most of the road will have resurfacing where needed from the old ditchlines. For the stretches that need new surfacing hauled to them we have picked two possible quarry pits for development. One being on CR400 at sta: 1500 meters and the second at sta: 5200 on CR400

The road CR400 is still in fair driveable condition with some small brush encroachment in sections. CR410 has been left unattended longer, has a good surface with four to six inch alder on it in places.

A 1:5000 map is attached showing the existing culverts functioning and those to be replaced and those to be added, a 1:20000 map showing the area location and Schedule "A" sheets.

Thank You

R.J. Sullivan
Area Engineer

ROAD PERMIT NUMBER: R 07655 AMENDMENT NUMBER: 15 18

*ROAD TYPE OPTIONS:

1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

Page 219 of 246 FOR-2023-30219

SCHEDULE 'A'

Sheet 2 of 6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	0.080	N/A	1000	N	N/A	
CR 400	ROUND CULVERT	L 165	0.274	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	0.442	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	0.626	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	0.804	N/A	600	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.058	N/A	1200 1200	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.159	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	1.383	N/A	800	N	N/A	REPLACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	1.667	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	1.855	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	1.995	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.190	N/A	800	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	2.369	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.557	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.642	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	2.759	N/A	600	N	N/A	

F.S. 582A ENG 95/6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	2.900	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	3.037	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.162	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.315	N/A	1000	N	N/A	RELPACES LOG CULVERT.
CR 400	ROUND CULVERT	L 165	3.324	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.466	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.566	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	3.645	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.745	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.850	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	3.900	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	4.051	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.196	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.275	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	4.351	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.430	N/A	600	N	N/A	

F.S. 582A ENG 95/6

SCHEDULE 'A'

Sheet 4 of 6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE **	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 400	ROUND CULVERT	L 165	4.511	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.602	N/A	1000	N	N/A	RELPACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	4.653	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.726	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.805	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	4.872	N/A	800	N	N/A	
CR 400	ROUND CULVERT	L 165	5.036	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.112	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.238	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.371	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.557	N/A	1200	N	N/A	RELPACES LOG CULVERT
CR 400	ROUND CULVERT	L 165	5.640	N/A	600	N	N/A	
CR 400	ROUND CULVERT	L 165	5.742	N/A	600	N	N/A	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

F.S. 582A ENG 95/6

BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE

ROAD NAME	STRUCT. CLASS*	DESIGN VEHICLE**	STRUCT. LOC. (KM)	STREAM NAME	STRUCTURE SIZE	PROF. DESIGN (Y/N)	DECK TYPE	COMMENTS
CR 410	ROUND CULVERT	L 165	0.168	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.365	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.630	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	0.768	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	0.915	N/A	600	N	N/A	
CR 410	ROUND CULVERT	L 165	1.058	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	1.205	N/A	800	N	N/A	
CR 410	ROUND CULVERT	L 165	1.357	N/A	600	N	N/A	

*Structure Class: Bridge - Semi-Permanent, Permanent, or Temporary
Culvert - Round, Elliptical, Arch or Log

** L60, L75, etc.

NOTE:

- All bridges are considered fixed except those indicated 'F' (in structure location column).
- Include all culverts other than cross drains.
- For deck type: use symbols shown on bridge inspection forms.

ROAD SPECIFICATIONS

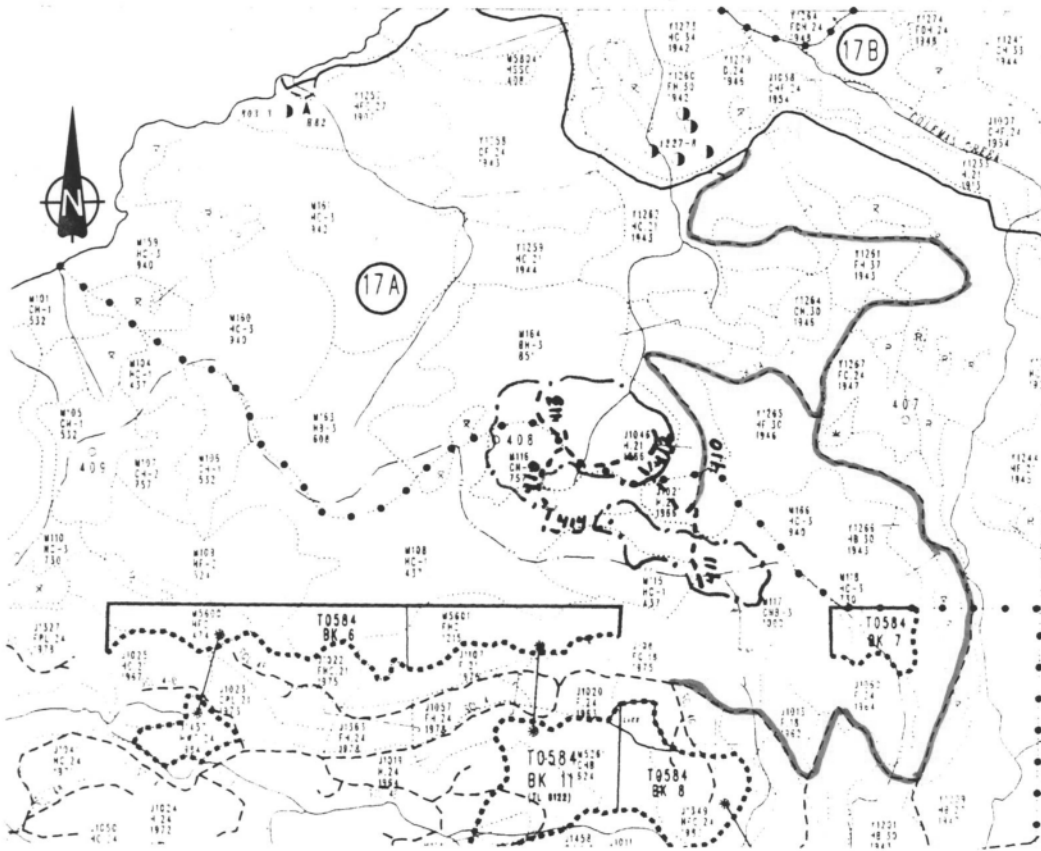
ROAD NAME	CR 400	CR 410				
SECTION (KM - KM)	0 - 5.800	0 - 1.458				
PROFESSIONAL PRESCRIPTIONS OR ASSESSMENTS ATTACHED (Y/N)	N	N				
LOGS USED TO RETAIN FILL (Y/N)	N/A	N/A				
STUMPS LEFT IN PLACE (Y/N)	N/A	N/A				
DISPOSAL OF SLASH/DEBRIS (SHOW BY STATION)	N/A	N/A				
- END HAUL	N/A	N/A				
- BURY	N/A	N/A				
- SCATTER	N/A	N/A				
- PILE & BURN	N/A	N/A				
WIDTH* REQD FOR SLASH/DEBRIS DISPOSAL	N/A	N/A				
ORGANICS IN FILL (Y/N)	N/A	N/A				
CONSTRUCTION SURVEY (Y/N)	Y	Y				
FULL BENCH CONSTRUCTION (END HAULING) (Y/N)	N/A	N/A				
WASTE SITE LOCATIONS (KM)	N/A	N/A				
SURFACING (DEPTH MM)	300	300				
GRAVEL PIT LOCATIONS (KM)	1.480 ; 5.100	0.115 ; 1.140				
BORROW LOCATIONS (KM)	N/A	N/A				
OTHER: SPECIFY	N/A	N/A				
NUMBER OF R/W LANDINGS PER KM	N/A	N/A				
LOCATION OF R/W LANDINGS (KM)	N/A	N/A				

* WIDTH BETWEEN TOE OF FILL AND LOWER CLEARING BOUNDARY.

MacMillan Bloedel Limited
Franklin Woodlands Division

T.F.L.44

Road Permit Number RO7655
CP(old CP#2)



5 Year Plan # 9692

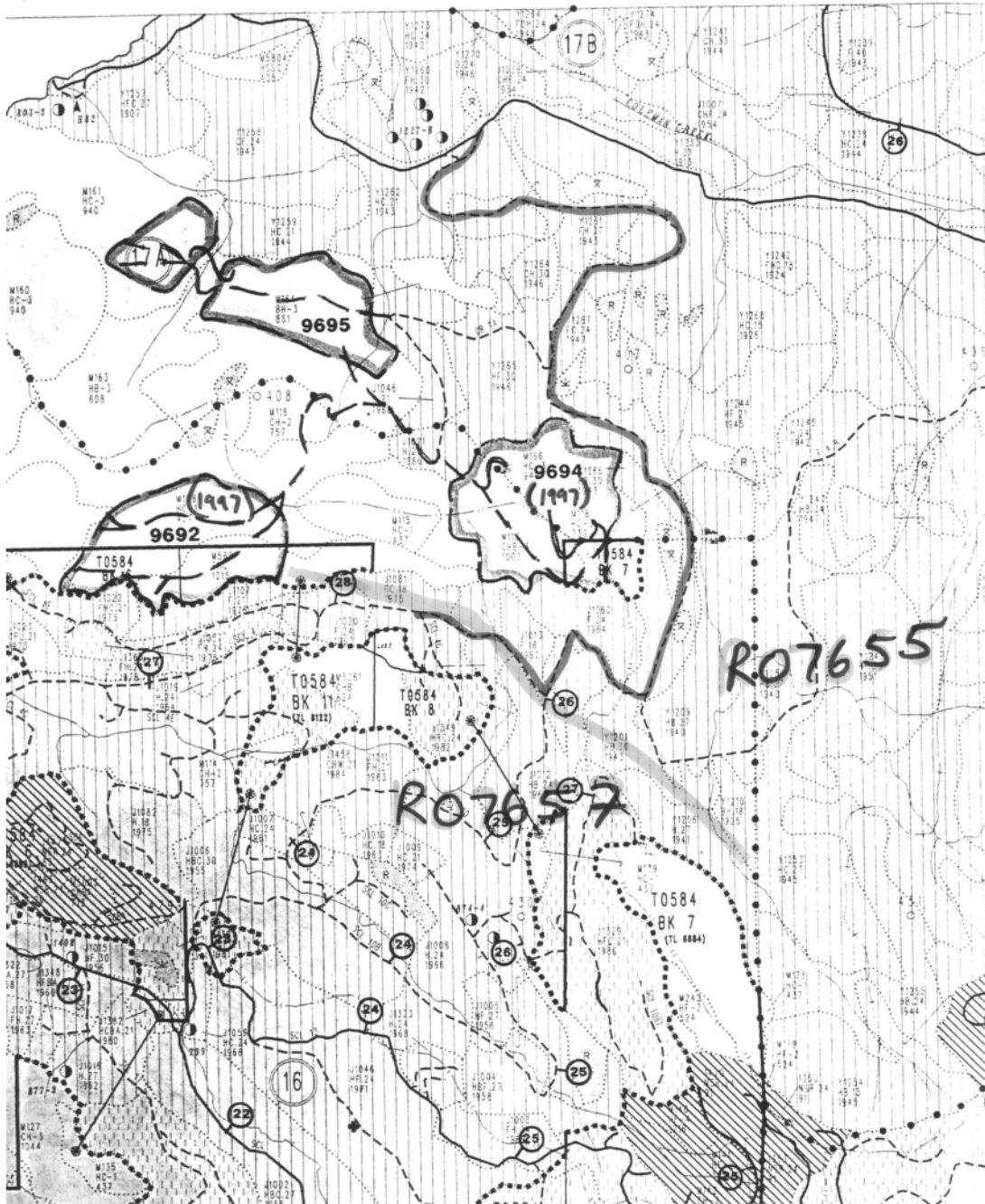
Approved Area:

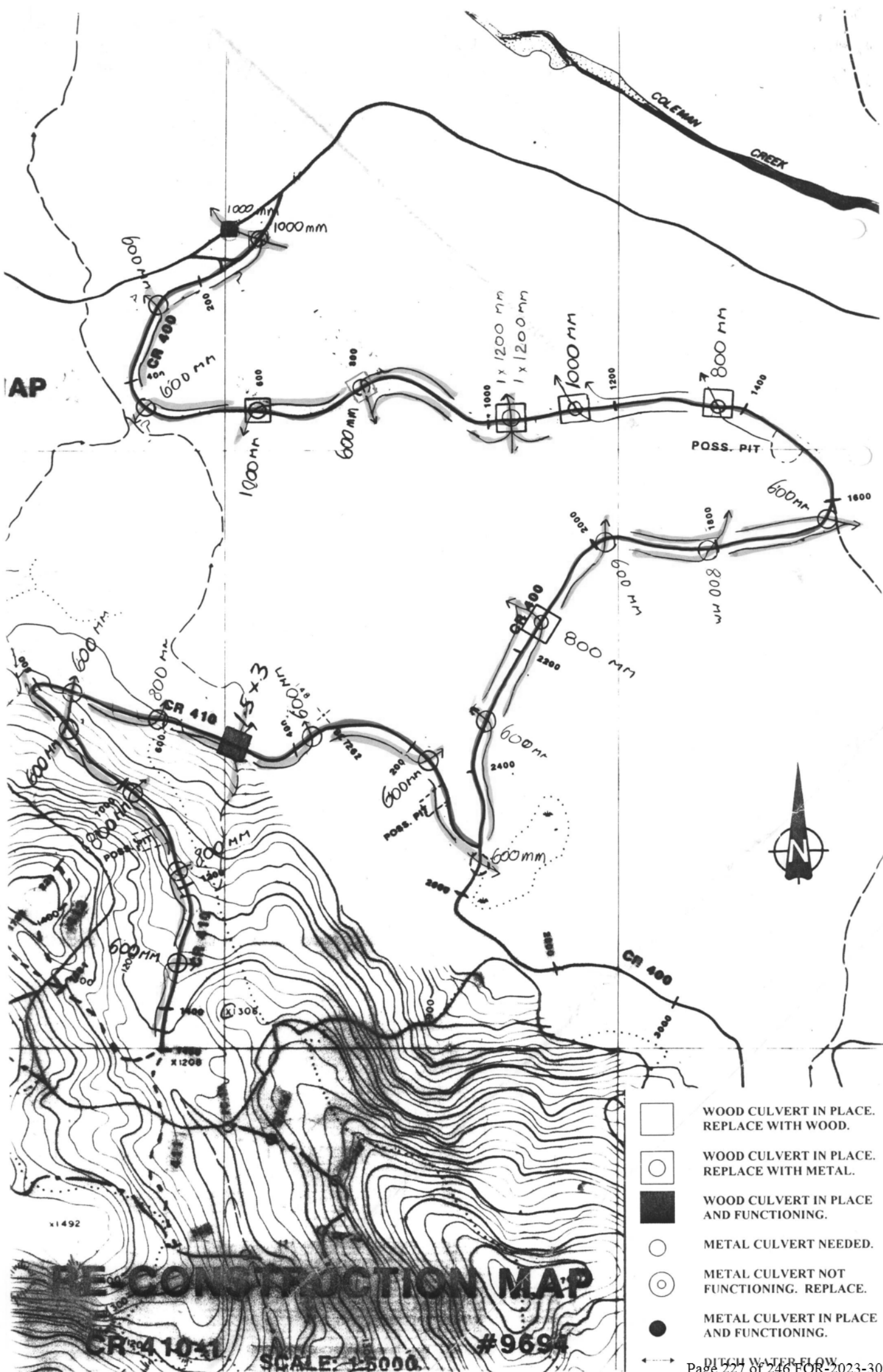
Amended Area: 

Opening: CR410-1)

Road Located: 
Old built road:

Scale: 1:20000





- ☐ WOOD CULVERT IN PLACE. REPLACE WITH WOOD.
- ☐ WOOD CULVERT IN PLACE. REPLACE WITH METAL.
- ☒ WOOD CULVERT IN PLACE AND FUNCTIONING.
- ☐ METAL CULVERT NEEDED.
- ☐ METAL CULVERT NOT FUNCTIONING. REPLACE.
- ☒ METAL CULVERT IN PLACE AND FUNCTIONING.

RECONSTRUCTION MAP

CR 410

SCALE: 1:5000

#9694



Port Alberni, B.C. V9Y 7N3
Telephone: (604) 723-9471
Facsimile: (604) 723-9471

11420-20

Franklin Woodlands Division

Ro 7655

October 13, 1995

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1



ATTN: Mr. P. Pashnik, District Manager

Dear Sir:

Ro 7655 7657 7658

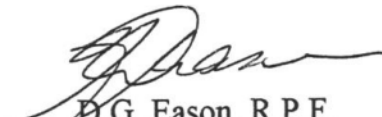
7661 7660

Re: ROAD PERMITS RO4522, RO4524, RO4525, RO4556 & RO4555

In response to your request dated September 22, 1995 for a summary of roads which remain approved in the above listed road permits please find the enclosed lists.

Yours truly,

MacMillan Bloedel Limited
Franklin Woodlands Division


D.G. Eason, R.P.F.
Divisional Engineer

**MacMillan Bloedel Ltd.
Franklin Woodlands Division**

Roads not transferred to new road permits and remain approved under the stated road permit.

ROAD PERMIT # RO4522 - #8785 (BR60F)
#8760 (FL920-1) MISTAKENLY SENT IN UNDER RO4523 APPROVED
#9703 (HC213)
#9781 (NAD150-2)
#9732 (WCK-3)
#9850 (NAD950-1)
#8725 (SM700-1)

ROAD PERMIT # RO4556 - THERE ARE NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4525 - #7517 (440-7)
#7503 (446) MCKAY AREA

ROAD PERMIT # RO4524 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT

ROAD PERMIT # RO4555 - THERE AREA NO ROADS APPROVED UNDER THIS PERMIT

Port Alberni Forest District

Approval Review

File 11400-20 RD 7655
19700-46 TFL 44 NEW.

Date: August 16/95

	Yes	/	No	
CORE - R.S.L.	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
Clayoquot	<input type="checkbox"/>	/	<input checked="" type="checkbox"/>	
Road Permit Approval	<input checked="" type="checkbox"/>	/	<input type="checkbox"/>	
Amendment to C.P.	<input type="checkbox"/>	/	<u>N/A</u>	
Consistent with C.P.	<input type="checkbox"/>	/	<u>N/A</u>	
Development Plan Approval	<input type="checkbox"/>	/	<u>N/A</u>	Date: _____
Interagency Review Team Approval	<input type="checkbox"/>	/	<u>N/A</u>	Date: _____

Resource Concerns

Stream Management Plan _____ DFO Approval _____ MOELP Approval _____
Landscape/Recreation Approval Specific _____ Development Plan Yes _____ / No _____
Roads - R.O. Engineering Approval _____
Terrain Stability - Geo-Technical Report _____ Compliance Yes _____ / No _____
Licensee Assessment - No concerns _____
Biodiversity Requirements (FENs, DWR, etc.)
MOELP Approval - Specific _____
- Development Plan Yes _____ / No _____
Approval consistent with PHSP - Original PHSP Approval _____
- Amended PHSP Approval _____

Miscellaneous: This approval is to allow for the construction of a 20m spur off HCL110 to access water from a lake for protection purposes. Spur does not enter into a Riparian Mgmt. area - checked against requirements of FPC - okay due to lake/pond size. 16.

Approval Recommended

	Date
Major Tenures Forester <u>Kerry Poff</u>	<u>Aug 16/95</u>
Resource Officer Timber <u>John Lang</u>	<u>Aug 16/95</u>
Operations Mgr-Harvesting _____	_____
Tofino Field Office Distribution	Faxed: _____ Mailed: _____

A minimum of one signature must be on the sheet prior to DM signing.

Province of
British Columbia

Ministry of
Forests

District Manager
4227 Sixth Avenue
Port Alberni, British Columbia
V9Y 4N1 Telephone: 724-9205
Fax: #724-9261



File(s) 11400-20 R07655 Amendment #1

August 15, 1995

MacMillan Bloedel Limited
Properties Division
925 West Georgia Street
Vancouver, British Columbia
V6C 3L2

Dear Sir:

Reference is made to your application dated June 6, 1995, for amendment of Road Permit No. R07655, within Tree Farm Licence No. 44.

Pursuant to paragraph 1.01 and 2.01 of Road Permit No. R07655, the attached schedule(s) A, B and C and map shall form an integral part of the document for Road Permit No. R07655 and should be attached thereto.

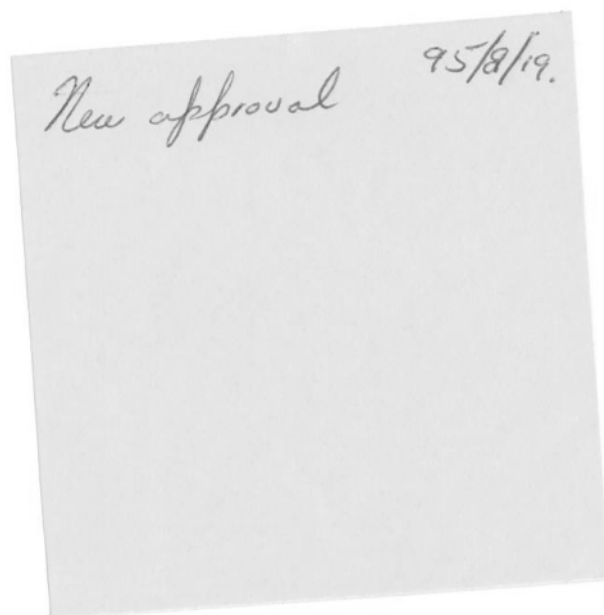
Yours truly,

A handwritten signature in dark ink, appearing to read "P.A. Pashnik".

P.A. Pashnik
District Manager
Port Alberni Forest District

Attachment(s)

cc: MB Ltd. Franklin Div., Port Alberni, BC



ROAD NAME/REFERENCE:						
SECTION (KM - KM)						
USE OF PERMIT:						
CONSTRUCT/MODIFY AND MAINTAIN		Yes				
USE AND MAINTAIN EXISTING ROAD		No				
ROAD TYPE*		3				
COMMUNITY WATERSHED (Y/N)		N				
LIKELIHOOD OF LANDSLIDES (L OR M/H)		L				
ROAD LOCATION SURVEY LEVEL (1,2,3 OR 4)		1				
AVERAGE CLEARING WIDTH (m)		20				
FINISHED ROAD WIDTH (m)		6				
DITCH DEPTH IN O.M. (m)		As required				
DITCH DEPTH IN ROCK (m)		As required				
USABLE TURNOUT LENGTH/WIDTH (m)		N/A				
TURNOUTS: INTERVISIBLE (Y/N)		N/A				
TURNOUTS: MINIMUM # PER KM		N/A				
MIN. CURVE RADIUS (m)		N/A				
MAX. FAV. SUSTAINED GRADE (%)		N/A				
MAX. ADV. SUSTAINED GRADE (%)		N/A				
MAX. FAV. SHORT PITCH GRADE (%)		N/A				
MAX. ADV. S.P. GRADE (%)		N/A				

- *ROAD TYPE OPTIONS:
1. SHORT TERM (UP TO 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)
 2. SNOW ROAD (SNOW AND ICE FORM THE SUBGRADE)
 3. PERMANENT (MORE THAN 3 YEARS FROM CONSTRUCTION TO DEACTIVATION)

F.S. 582A ENG 95/6

SCHEDULE 'B'

ization Standards/"Other Timber Requirements"

Use on the Coast:

The timber mark shall be (a) a timber mark that is applicable to timber to which the road provides access and so designated by the District Manager; or (b) a mark designated by the District Manager of the closest active cutting permit within Tree Farm Licence No. 44 until such time as a mark is designated under (a).

Use in the Interior:

The timber mark shall be the Road Permit number - N/A.

umber Utilization Standards, pursuant to paragraph 5.01:

Obligatory

All living and dead trees or down trees that meet the utilization requirements of this cutting authority must be cut.

Obligatory

- (i) Stumps will be cut low enough to minimize waste, and in no case higher than thirty (30) centimetres on the side adjacent to the highest ground except when necessary in the judgement of the forest officer.
- (ii) In order to minimize waste, all mature coniferous trees containing X grade logs or better will be utilized to a small top diameter fifteen (15) centimetres inside bark and ten (10) centimetres inside bark for second growth coniferous trees.
- (iii) All mature and second growth coniferous trees and parts of these trees three (3) metres and over in length which contain X grade logs or better shall be removed.
- (iv) Logs and/or parts of logs less than three (3) metres in length and broken at both ends are classed as breakage.
- (v) Logs shall not be bucked or trimmed in such a manner as to reduce grade.

Optional

- (vi) All coniferous trees and parts of these trees which contain only Y grade logs may be removed and utilized at the licensee's option. If the Y grade material is not utilized, the District Manager may require it to be yarded to the landing or roadside.

SCHEDULE 'C'

15

pecifications as submitted by MacMillan Bloedel Limited :

val allow for the construction of a 20m spur off HC 110 as outlined on the attached map.

NG 95/6

Millan Bloedel Limited
Vegetation and Erosion Control - Specifications

Following materials and rates of application are generally used for hydroseeding, unless site specific conditions dictate otherwise. Dry seeding is done using seed and mulch where site conditions permit.

Component	Ground application	Helicopter application
	kg/ha	kg/ha
Seed mix	50 - 62	75 - 94
Rye	25 - 31	25 - 31
Fertilizer	200 - 250	200 - 250
Binder	30 - 45	45 - 57
Mulch	site specific	68 - 85
Water	1000 - 1250 gal	1000 - 1250 gal

Seed mix: Extra seed is used in helicopter applications to allow for drift and additional damage during mixing and application. Dry seeding can be done where conditions permit at rates of 25 to 50 kg/ha. Seed mixtures for different site conditions are given on the attached sheet.

Rye: added as a nurse crop unless planted seedlings or fire hazard make this undesirable

Fertilizer: typical formulations used include 16-26-6 with 50% slow release (TriKote-N or SCU), or 18-18-18. Slow release is usually avoided in helicopter operations to reduce settling problems during application. Fertilizer should be applied separately when dry seeding.

Binder: various products are used, including Silva-Tack, M-Binder, alpha plantago, or guar gum. Use depends upon suppliers, price and availability. Rates vary somewhat by product; higher rates in the above ranges are used for steep slopes or soils with high erosion potential.

Mulch: EcoFibre or Silva-Fiber; added to helicopter mix to aid suspension of materials during flight (rates do not provide mulching benefit). Where application timing or site conditions make mulch desirable, a minimum of 1000 kg/ha should be applied.

MacMillan Block Standard Seedmix Specifications

Percent of seedmix by weight

		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Variety		Basic	Trail	Drought	Wetland	Alpine	Legume
escue	Common	25			25		
	Common	20	30	20	10	25	
	Common	15					
ass	KAY, ARCTIC					10	
	Common	7	15	5	5	5	
	Common						
rass	Common				5		
	Common	3	5				
	Common						
ass	Common						
	Common		10		20	10	
	Common			10			
ie	Common			15			
	Common			20			
	COURT., PHYTER						
il	Common						
	Common				10	20	
	Common						
grass	Common						
	Common						
	Common						
ye	Common						
	Common						
	Common						

May be seeded along with any mix as a nurse crop

sses	70	60	70	75	70	0
------	----	----	----	----	----	---

clover	Common	10	10		15	20	35
	Common	10	20				20
	Common		10	10			25
	Common						
	Common	5		10	10	10	20
	Common	5		10			

jumes	30	40	30	25	30	100
	100	100	100	100	100	100

Description

An all-purpose mixture adapted to a wide range of coastal conditions.
 A mixture of small-seeded grasses and clover for seeding skid or backspare trails. Has 55% more seeds/kg than basic mix so that it can be seeded at a lower rate for hand spreading.
 Adapted to dry sites (sandy, gravelly soils; south aspects; S.VI).
 Adapted to wet sites or ditches, prone to periodic standing water.
 Adapted to cold, high elevation sites.
 A mixture of clovers and trefoil for use on trails, reclaimed pits or any exposed soil where competition with planted trees should be minimized. Can be used after site-prep for brush control.

Rate (kg/ha)

50-75

25-35

30-50

50-75

50-75

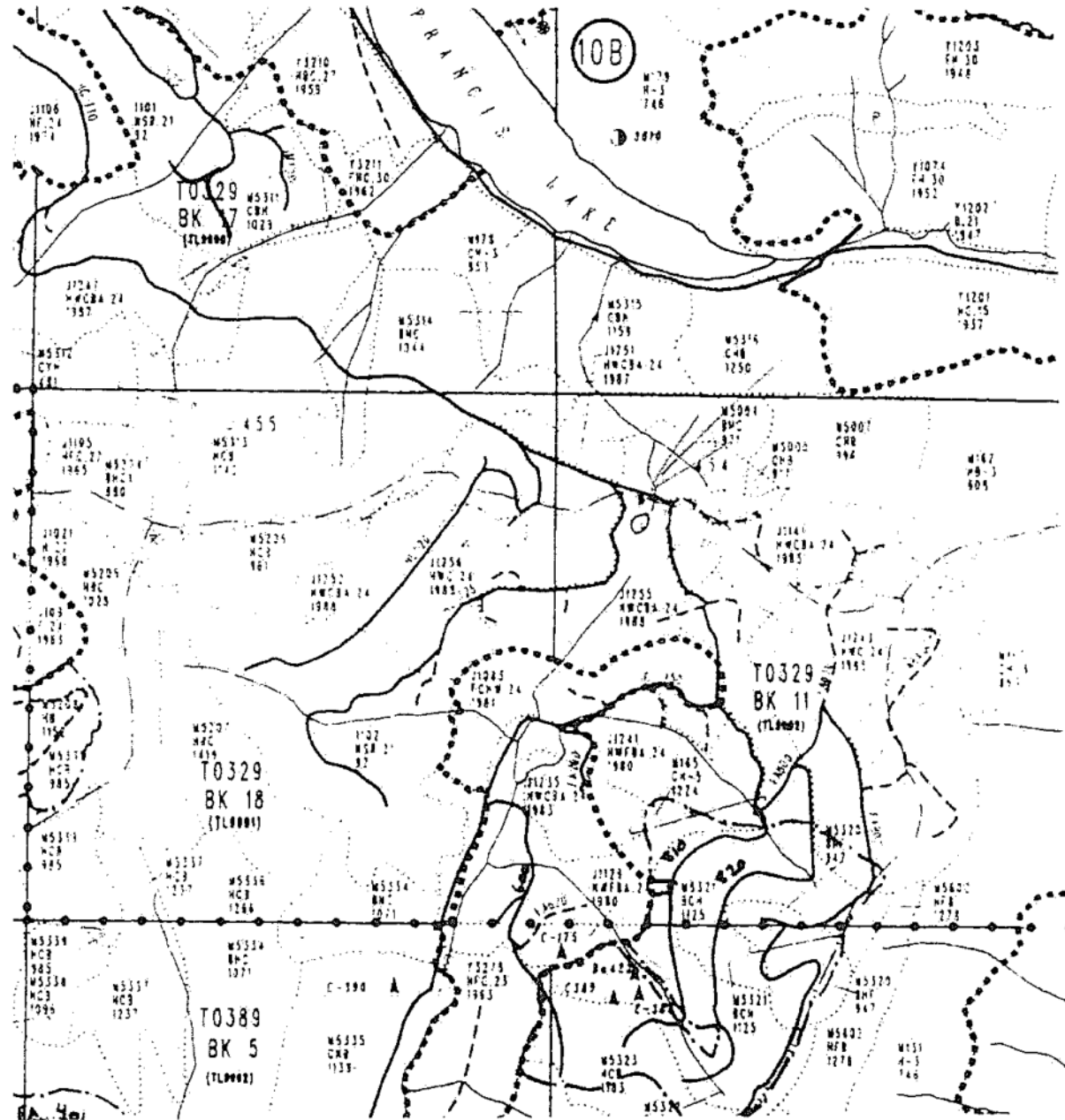
25-35

End of seeding range for dry seeding, and middle to upper end for
 ng. Somewhat higher rates should be used for helicopter application.
 as a nurse crop at 25 kg/ha. Not suitable where tall grass is undesirable.
 ay vary annually depending upon cost and availability of individual species.
 seed is coated with inoculum for N-fixation.

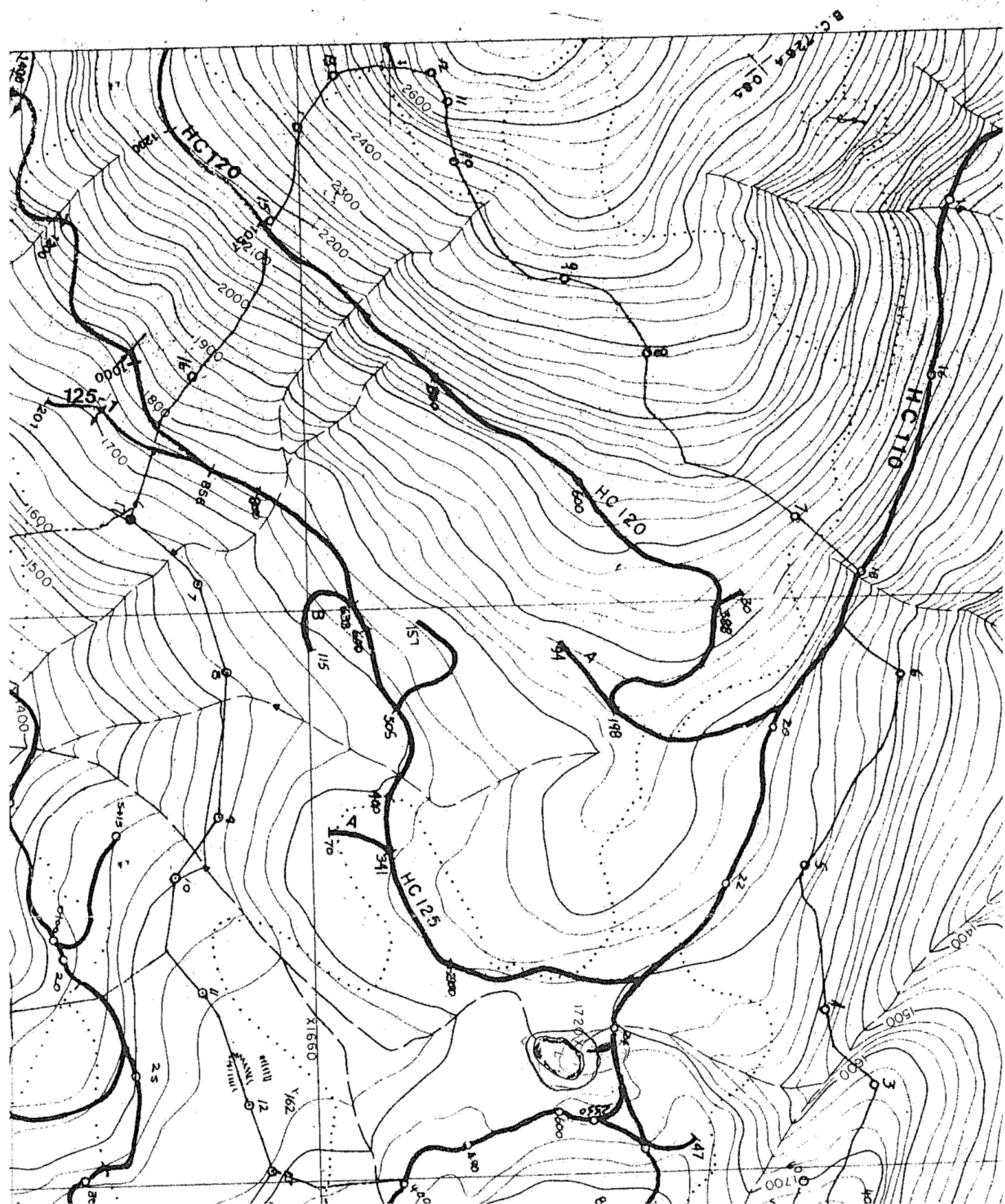
MacMillan Bloedel Limited
Cameron/Franklin River Divisions

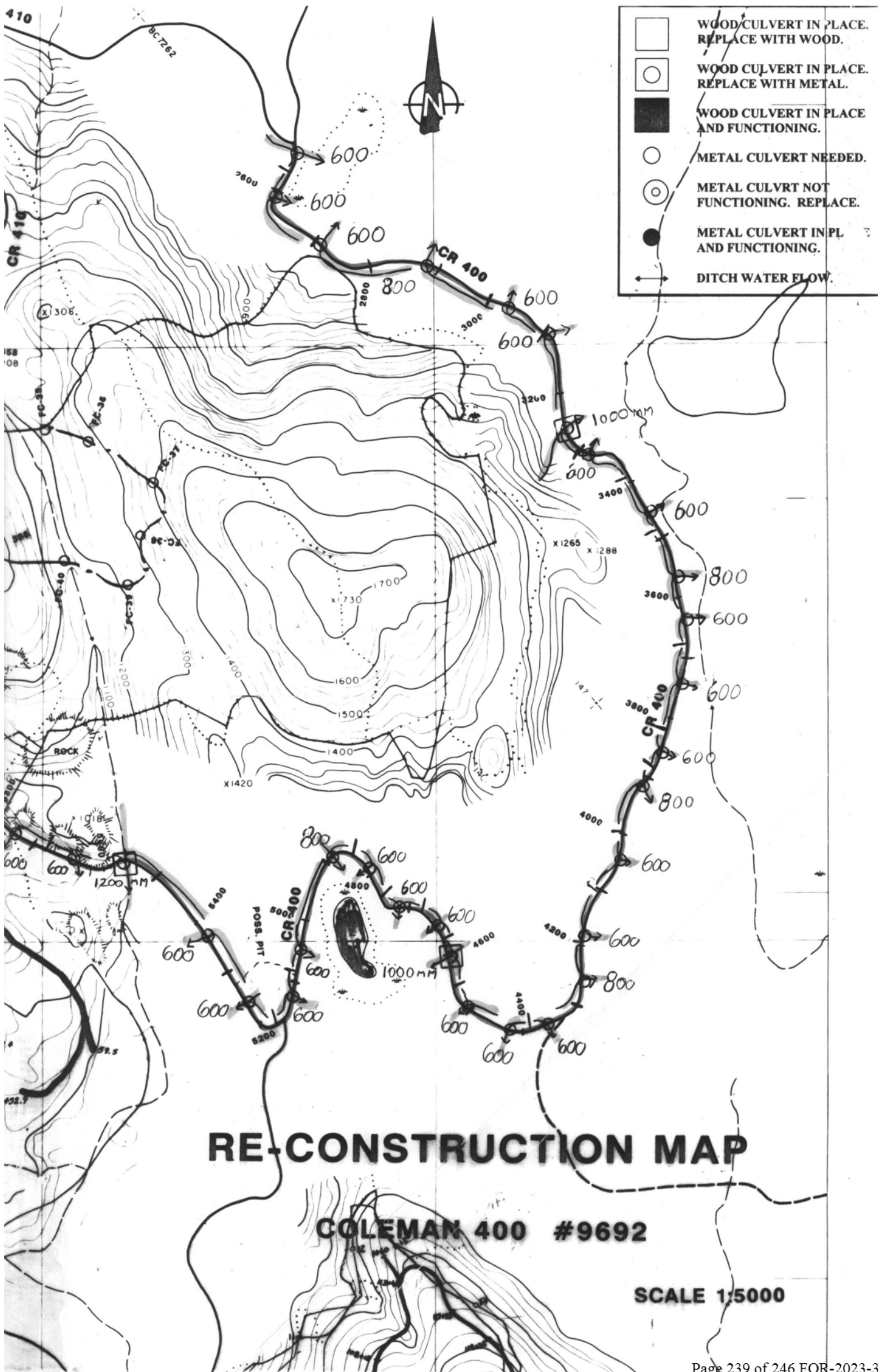
Road Permit Amendment
RO4522

T.F.L. 44



Plan #: Opening: near FA800 C.P.#1
 Red Area: Road Located ———
 Red Area: ——— Scale: 1:20,000







11400-20, R07655

06 June 1995



Port Alberni, B.C. V9Y 7N3
Telephone: (604) 723-9471
Facsimile: (604) 723-9471

Franklin Woodlands Division

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1

ATTN: Mr. P. Pashnik, District Manager

Dear Sir:

Re: T.F.L. 44, C.P.#(old C.P.#2)

**ROAD PERMIT AMENDMENT
OPENING: N/A off HC110 past junction HC125**

This is to advise you of a revision to the current Road Permit within C.P.(old C.P.#2). The addendum is indicated in red on the attached map.

Permission is requested to construct a short spur for 20 meters in length starting 75 meters past junction HC125. This is to get fire trucks off HC110 and fill up with water. The spur will not go to the waters edge but close enough giving access for the fire pump intake hose.

A quick response is requested in order to have water access available during warm weather logging of FA800.

New road permit R07655

Yours truly,

*New road permit
format.*

**MacMillan Bloedel Limited
Cameron/Franklin River Divisions**

D.G. Eason, R.P.F.
Divisional Engineer

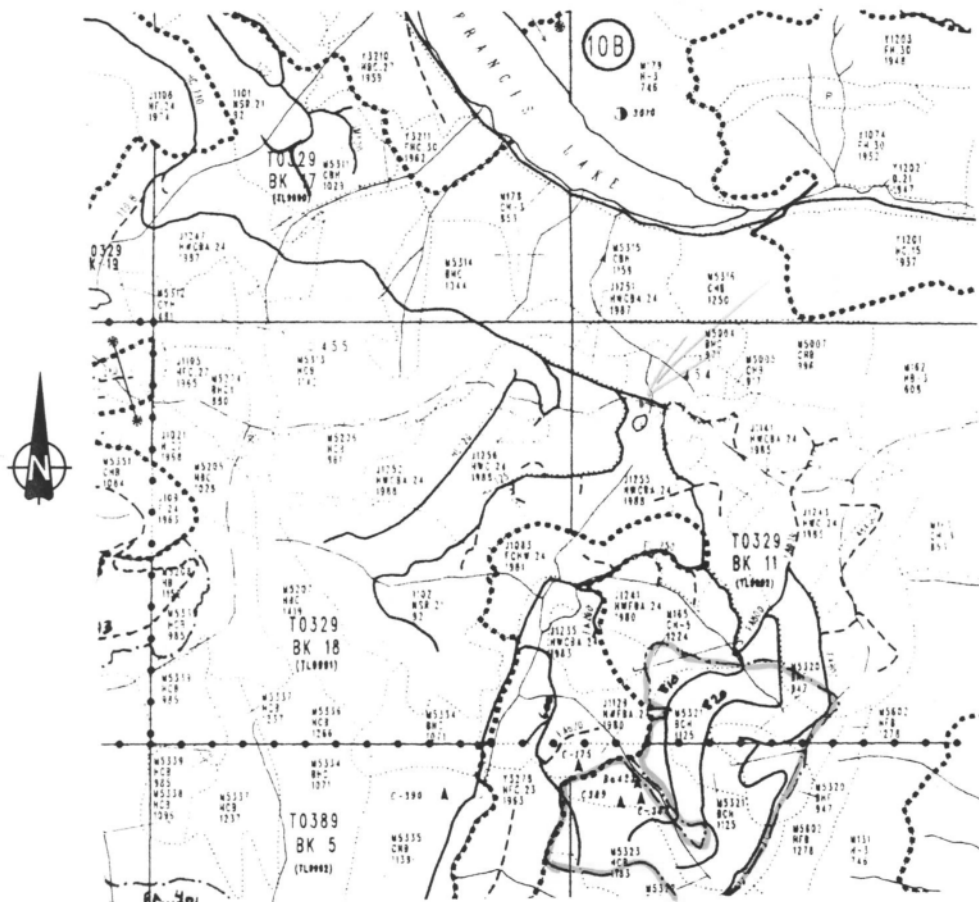
I certify that I have determined that this work was performed to an acceptable standard.

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment

RO4522

T.F.L. 44



5 Year Plan #:

Opening: near FA800

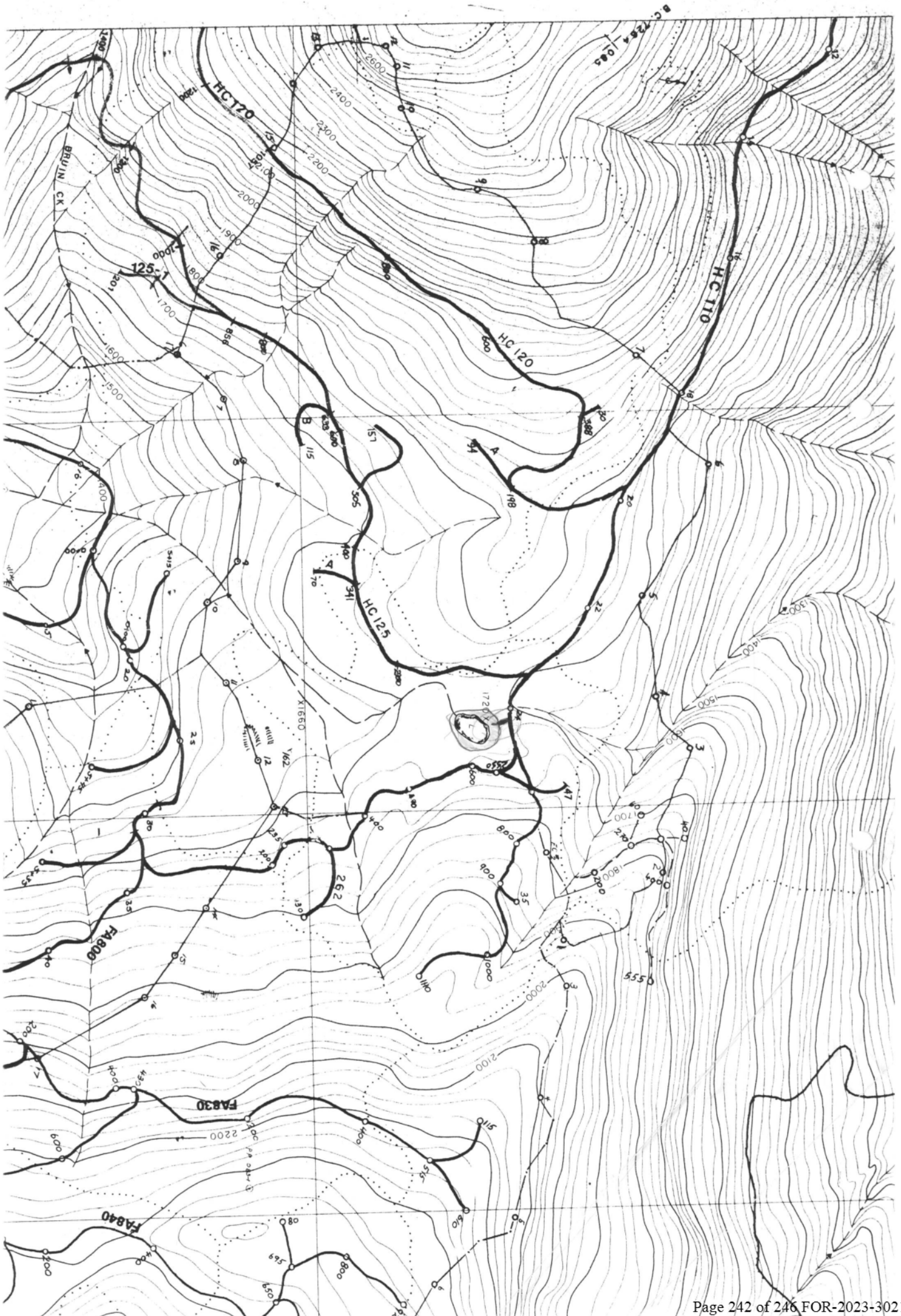
C.P.#1

Approved Area: —

Road Located —

Amended Area: —

Scale:1:20,000





Port Alberni, B.C. V9Y 7N3

Telephone: (604) 723-9471

Facsimile: (604) 723-9471

06 June 1995

Franklin Woodlands Division

Ministry of Forests
B.C. Forest Service
4227 Sixth Avenue
Port Alberni, B.C.
V9Y 4N1

ATTN: Mr. P. Pashnik, District Manager

Dear Sir:

Re: T.F.L. 44, C.P.#(old C.P.#2)



**ROAD PERMIT AMENDMENT
OPENING: N/A off HC110 past junction HC125**

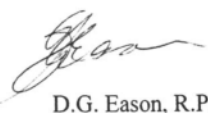
This is to advise you of a revision to the current Road Permit within C.P.(old C.P.#2). The addendum is indicated in red on the attached map.

Permission is requested to construct a short spur for 20 meters in length starting 75 meters past junction HC125. This is to get fire trucks off HC110 and fill up with water. The spur will not go to the waters edge but close enough giving access for the fire pump intake hose.

A quick response is requested in order to have water access available during warm weather logging of FA800.

Yours truly,

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

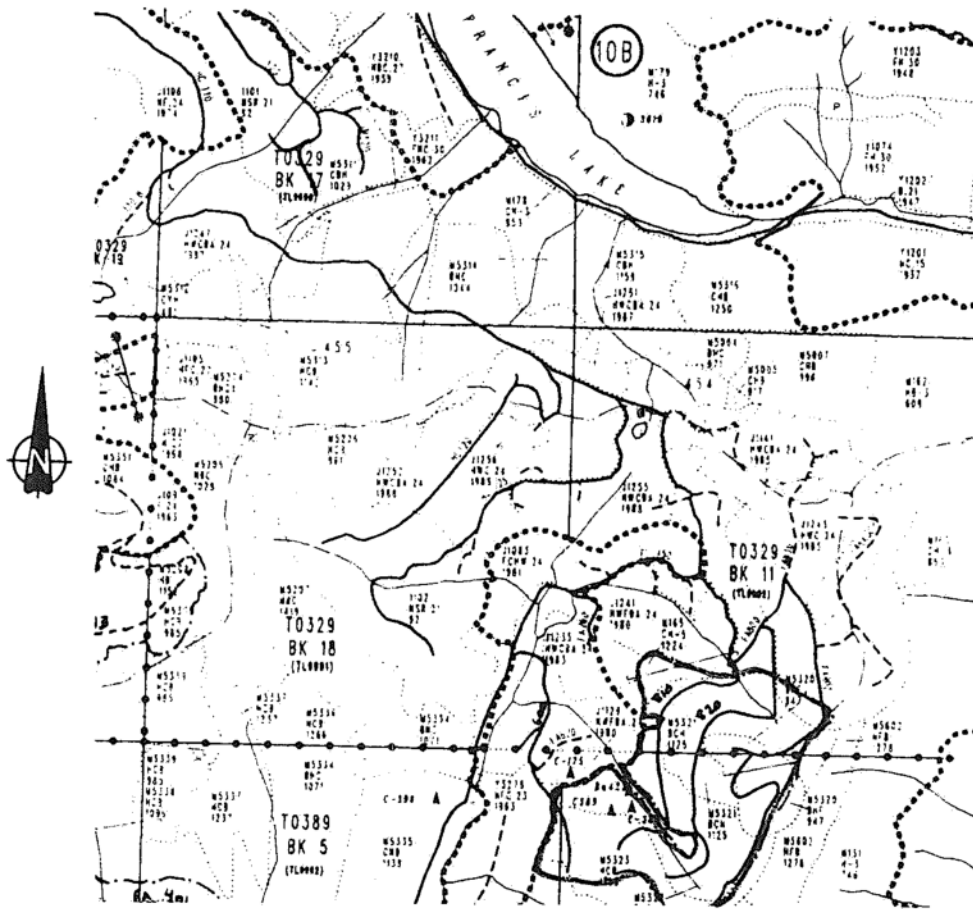

D.G. Eason, R.P.F.
Divisional Engineer

I certify that I have determined that this work was performed to an acceptable standard.

MacMillan Bloedel Limited
Cameron/Franklin River Divisions

Road Permit Amendment
RO4522

T.F.L. 44



5 Year Plan #:

Opening: near FA800

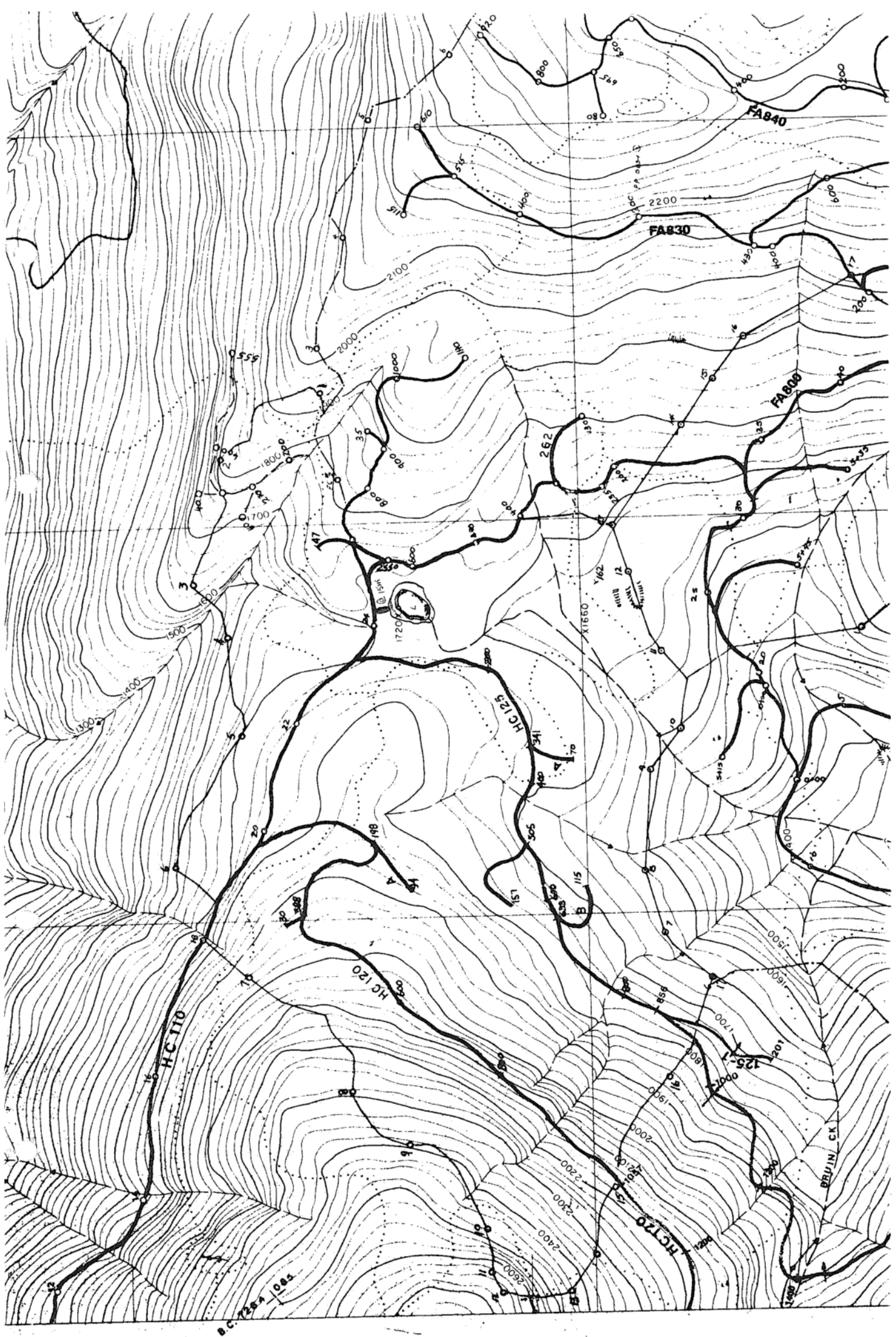
C.P.#1

Approved Area: —

Road Located —

Amended Area: —

Scale:1:20,000



NAME	DATE RCVD	DATE FRWRD'D	CC REQ'D
PASHNIK, P.			
HAYHURST, C.			
BEADLE, E.		check road	#
MESSENGER, S.		permit	
MATTHEWS, K.			
SILVICULTURE			
PROTECTION			
FORESTRY			
PLANNING			
INVENTORY			
RECREATION			
WOODLOT FORESTER			
SBFEP	✓	Received July 4/12	
TIMBER TENURES			
VALUATION/APPRAISALS			
MINOR TENURES			
MAJOR TENURES		Operational Planning Reg	
ENGINEERING		44 (a) (b)	
WATERSHED RESTORATION		Forest Road Reg	
SYSTEMS		3(e)	
RESOURCE SERVICES			
FINANCE SERVICES			
CONTRACT/PURCHASING			
DRAUGHTING			
REVENUE AND BILLING			
OFFICE SERVICES			
FILING			
SCALING			

0.15ha in size. Not big enough
to qualify as a lake