NOTES

1. WORK BELOW BRIDGE ON THORSEN CREEK, BELOW WATER LEVEL, TO BE COMPLETED AFTER SALMON FRY HAVE LEFT THE GRAVEL.
2. ACCESS ROAD AND BRIDGE ACROSS THORSEN CREEK TO BE LOCATED ON SITE IN CONCURRENCE WITH FISHERIES OFFICER, BELLA COOLA. TO BE REMOVED BEFORE FRY EMERGE FROM GRAVEL. SPAN OF BRIDGE APPROXIMATELY 15 FEET.
3. THE INVERT AND SLOPE OF THE 4 FEET DIAMETER CMP. TO BE DECIDED ON SITE IN CONCURRENCE WITH THE FISHERIES OFFICER.
4. THE GRAVEL DYKE BELOW THE BRIDGE ON THE RIGHT BANK, CH. 5+50 TO CH. 10+00, IS TO BE CONSTRUCTED FROM WELL COMPACTED GRAVEL FILL, 3" MINUS.
5. THE EXISTING ROCK TRAINING WALL BELOW THE BRIDGE ON THE RIGHT BANK, CH. 7+00 TO CH. 9+50, IS TO BE REMOVED AND USED FOR BANK REVETMENT, SO FAR AS IS PRACTICAL.

LEGEND

- NORMAL CHANNEL
- SURVEYED CROSS SECTION
- BANK REVETMENT
- ROCK GROIN
- GRAVEL GROIN
- DYKE ROAD
- NATURAL BANKS
- BANK PROTECTION ON BELLA COOLA RIVER

POSSIBLE ROCK QUARRY SITE

NOOHALK CREEK

BRIDGE CH. 10+00

4'-0" DIA. C.M.P. CULVERT (INVERT TO BE DECIDED ON SITE)

THORSEN CREEK

DYKE ROAD 15' WIDE

NORMAL CHANNEL 75' WIDE

GRAVEL PIT

BANK REVETMENT ENDS RIGHT BANK CH. 39+50

SPUR GROIN 150' LONG

BANK REVETMENT 650' LONG

MEANDER LENGTH 1200'

BANK REVETMENT BEGINS RIGHT BANK CH. 5+50

SPUR GROIN 100' LONG

ANGLE OF GROINS 20° UPSTREAM

TEMPORARY ACCESS ROAD AND BRIDGE (LOCATION TO BE DECIDED ON SITE)

BELLA COOLA RIVER

CH. 0+00

NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

REFERENCES		
DWG. No.	DESCRIPTION	DATE
4737-12-3	SECTIONS B-B & C-C	FEB. '74
4737-12-13	SECTION D-D	JAN. '74

REVISIONS		
No.	DESCRIPTION	DATE

SURVEYED B.S.
DATE DEC. 1973
DESIGNED
DRAWN R.E.P.
TRACED
CHECKED
DATE JAN. 1974

BRITISH COLUMBIA
DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER INVESTIGATIONS BRANCH 9666

BELLA COOLA RIVER
FLOOD AND EROSION CONTROL

THORSEN CREEK

PLAN OF PROPOSED WORKS

ENGINEER W.J. Sampson
APPROVED
DIV. CHIEF

FILE No. 0254122 - 11
SCALE 1" = 200'
DWG. No. 4737 - 12 - 1
SHEET 1 OF 20

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DCIL - 3322 - P.B.C. - W.I.B.