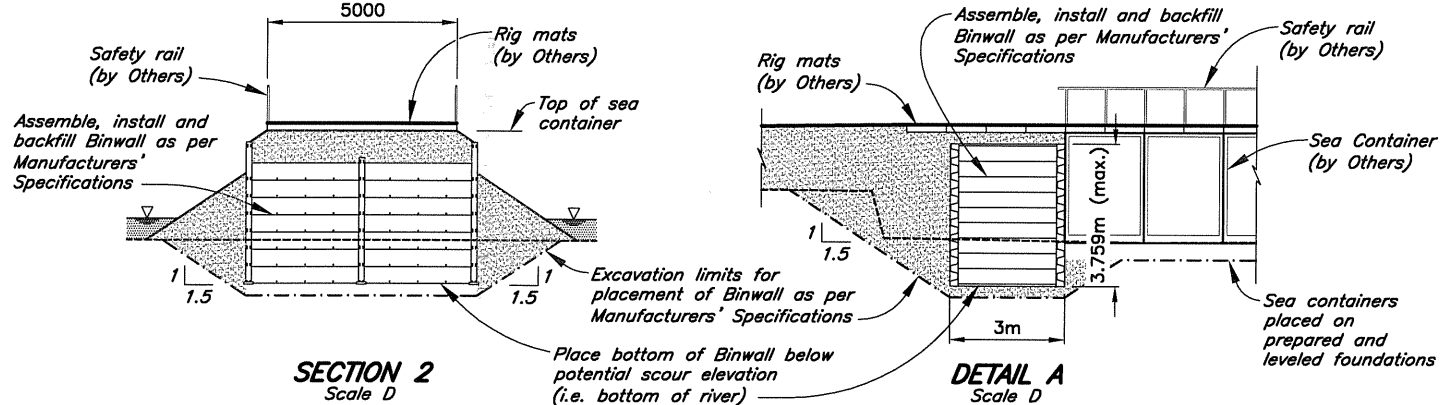


Place bottom of Binwall below potential scour elevation (i.e. bottom of river)

Sea containers placed on prepared and leveled foundations

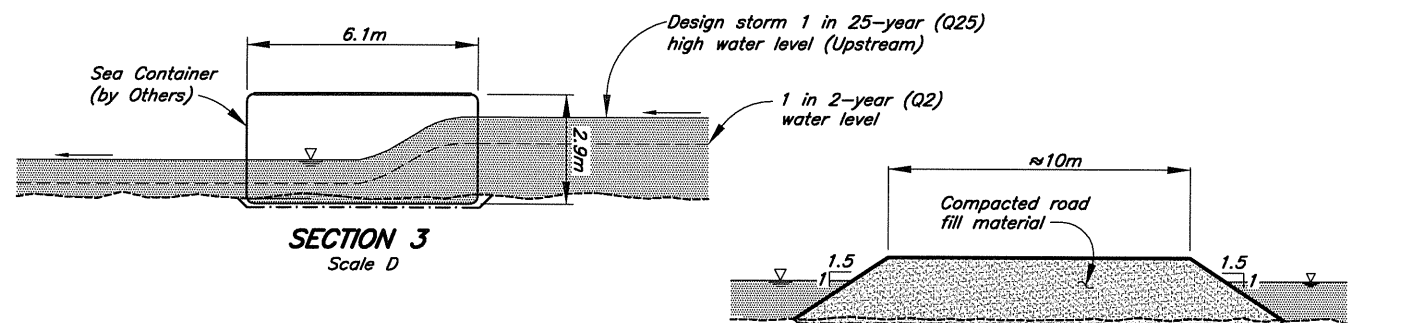
Assemble, install and backfill Binwall as per Manufacturers' Specifications

**SECTION 1**  
Horizontal: Scale B  
Vertical: Scale C



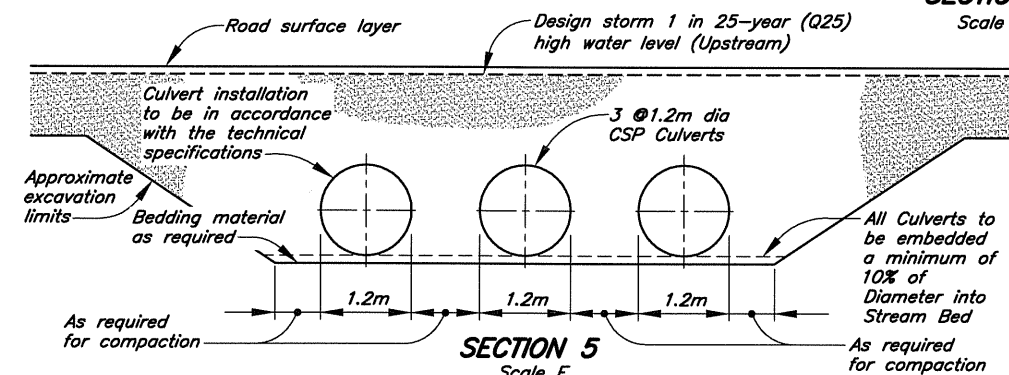
**SECTION 2**  
Scale D

**DETAIL A**  
Scale D



**SECTION 3**  
Scale D

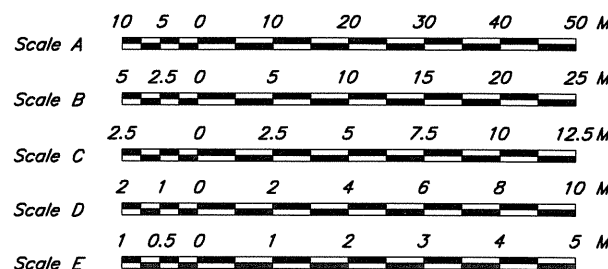
**SECTION 4**  
Scale D



**SECTION 5**  
Scale E

**LEGEND:**

- Water
- Compacted road fill
- Foundation preparation limits
- Original ground approx.
- Portage Route
- Portage Sign



- NOTES:**
- Mapping provided by Eagle Mapping (2006).
  - Contours are in metres, contour intervals is 5 metres.
  - Original ground profile determined from initial site assessment of crossings.
  - Design storm for extra large category crossing is 1 in 25 year (Q25) return. The 1 in 2-year (Q2) return water level is also shown.
  - All installations and construction to be carried out in accordance with the Technical Specifications.
  - Sea Containers to be designed by Others.
  - Binwalls to consist of Standard Marine Binwall Components.

**PLAN**  
Scale A

**Knight Piésold**  
CONSULTING

**Baffinland**  
Iron Mines Corporation

**MARY RIVER PROJECT - BULK SAMPLING PROGRAM**

**EXTRA-LARGE CROSSING CV217**  
**PLAN AND SECTIONS**

PROJECT/ASSIGNMENT NO. <b>NB102-00181/10</b>	DRAWING NO. <b>443</b>	REVISION <b>0</b>
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DRG. NO.	DESCRIPTION	REV.	DATE	DESIGN	DRAWN	CHK'D	APP'D
	REFERENCE DRAWINGS						
	REVISIONS						

REV.	DATE	DESCRIPTION	DESIGN	DRAWN	CHK'D	APP'D
0	13JUL07	ISSUED IN FINAL				
		REVISIONS				

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**APPENDIX A**  
**EXTRA-LARGE DRAINAGE CROSSINGS - DATA SHEETS**

- Tables A.1 to A.4 4 pages



**TABLE A.1**

**BAFFINLAND IRON MINES CORPORATION**  
**MARY RIVER PROJECT**

**BULK SAMPLING PROGRAM - ROAD UPGRADE DESIGN SUMMARY**

**EXTRA-LARGE DRAINAGE CROSSINGS**  
**DATA SHEET CV128**

**Channel X-Section Data**

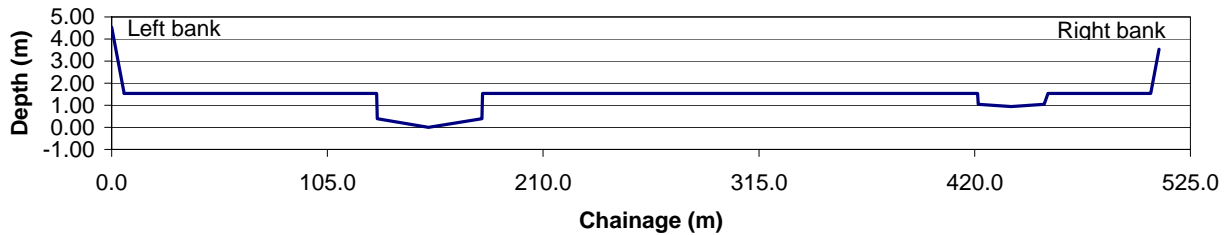
Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
6.0	0.0	0.00	4.54
123.0	6.0	3.00	1.54
0.3	129.0	3.00	1.54
25.0	129.3	4.15	0.39
26.0	154.3	4.54	0.00
0.3	180.3	4.15	0.39
241.0	180.5	3.00	1.54
0.3	421.5	3.00	1.54
16.0	421.8	3.50	1.04
16.0	437.8	3.60	0.94
2.0	453.8	3.50	1.04
50.0	455.8	3.00	1.54
4.0	505.8	3.00	1.54
	509.8	1.00	3.54

**Main Channel Grade**

Chainage (m)	Level height (m)	slope
0	2.44	
50	2.63	0.4%
100	2.84	0.4%

Note: This x-section was done without a level, but rather with a tape used to make chainage and depth measurements.

**Typical Channel X-Section at Crossing CV128 - looking downstream**



**Aerial View of Crossing - looking downstream**



**Panoramic View of Road Crossing - looking downstream**

**TABLE A.2**

**BAFFINLAND IRON MINES CORPORATION**  
**MARY RIVER PROJECT**

**BULK SAMPLING PROGRAM - ROAD UPGRADE DESIGN SUMMARY**

**EXTRA-LARGE DRAINAGE CROSSINGS**

**DATA SHEET (BG50)**

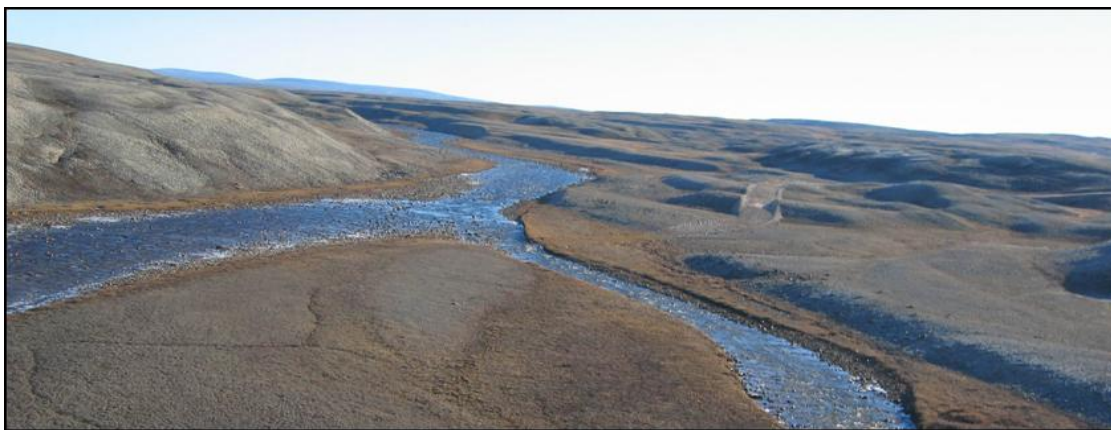
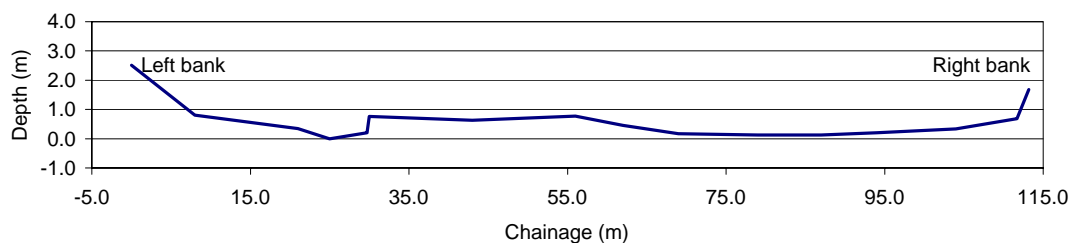
**Channel X-Section Data**

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
	0.0	0.05	2.51
	8.0	1.76	0.80
	21.0	2.21	0.35
	25.0	2.56	0.00
	29.7	2.36	0.20
	30.0	1.80	0.76
	43.0	1.93	0.63
	56.0	1.79	0.77
	62.0	2.10	0.46
	69.0	2.39	0.17
	79.0	2.43	0.13
	87.0	2.43	0.13
	94.0	2.36	0.20
	104.0	2.23	0.33
	111.7	1.88	0.68
	113.2	0.88	1.68

**Main Channel Grade**

Chainage (m)	Level height (m)	slope
0	1.56	
50	2.43	1.7%
100	3.04	1.2%

**Typical Channel X-Section at Crossing BG50 - looking downstream**



**Aerial View of Crossing - looking upstream**



**Panoramic View of Road Crossing - looking downstream**

**TABLE A.3**

**BAFFINLAND IRON MINES CORPORATION**  
**MARY RIVER PROJECT**

**BULK SAMPLING PROGRAM - ROAD UPGRADE DESIGN SUMMARY**

**EXTRA-LARGE DRAINAGE CROSSINGS**  
**DATA SHEET (CV217)**

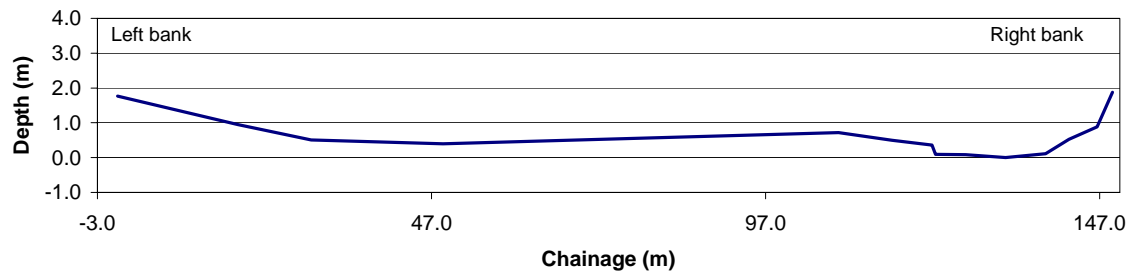
**Channel X-Section Data**

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
	0.0	0.60	1.77
	18.0	1.42	0.95
	29.0	1.86	0.51
	48.7	1.97	0.40
	97.9	1.71	0.66
	107.9	1.65	0.72
	115.9	1.87	0.50
	121.9	2.01	0.36
	122.4	2.28	0.09
	126.9	2.29	0.08
	132.9	2.37	0.00
	138.9	2.26	0.11
	142.4	1.84	0.53
	146.6	1.49	0.88
	148.9	0.49	1.88

**Main Channel Grade**

Chainage (m)	Level height (m)	slope
0	2.21	
50	2.37	0.3%
100	2.76	0.8%

**Typical Channel X-Section at Crossing CV217 - looking downstream**



**Aerial View of Crossing**



**Panoramic View of Road Crossing - looking downstream**

**TABLE A.4**

**BAFFINLAND IRON MINES CORPORATION**  
**MARY RIVER PROJECT**

**BULK SAMPLING PROGRAM - ROAD UPGRADE DESIGN SUMMARY**

**EXTRA-LARGE DRAINAGE CROSSINGS**  
**DATA SHEET (CV223)**

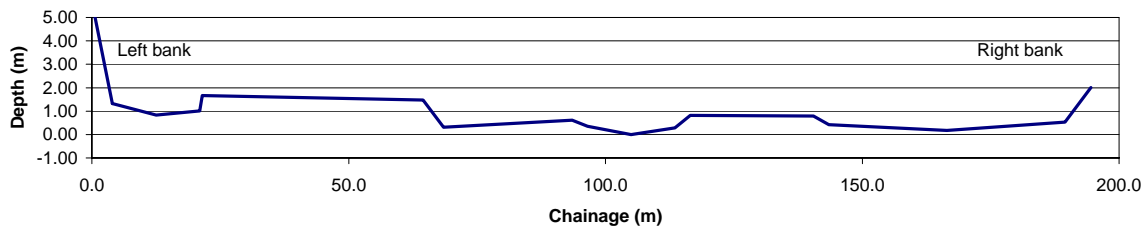
**Channel X-Section Data**

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
4.0	0.0	-3.00	5.69
8.5	4.0	1.36	1.33
8.5	12.5	1.86	0.83
0.5	21.0	1.68	1.01
43.0	21.5	1.02	1.67
4.0	64.5	1.22	1.47
25.0	68.5	2.38	0.31
3.0	93.5	2.08	0.61
8.5	96.5	2.34	0.35
8.5	105.0	2.69	0.00
3.0	113.5	2.40	0.29
24.0	116.5	1.87	0.82
3.0	140.5	1.90	0.79
23.0	143.5	2.27	0.42
23.0	166.5	2.52	0.17
5.0	189.5	2.16	0.53
	194.5	0.68	2.01

**Main Channel Grade**

Chainage (m)	Level height (m)	slope
0	2.28	
50	2.69	0.8%
100	3.77	2.2%

**Typical Channel X-Section at Crossing CV223 - looking downstream**



**Aerial View of Crossing - looking upstream**



**Panoramic View of Road Crossing - looking downstream**

**APPENDIX B**  
**BORROW AREAS PHOTO SUMMARY**

- Figures B.1 to B.3 3 pages





Photo 1: Close up view showing sample SC50 pit, July 6, 2006.



Photo 2: Panoramic view looking north showing general location of sample SC50, July 6, 2006.



Photo 3: Close up view showing location of sample SC51, July 6, 2006.



Photo 4: Panoramic view looking southwest showing general location of sample SC51, July 6, 2006.

<div><div></div><div>Baffinland</div><div>Iron Mines Corporation</div></div>			
MARY RIVER PROJECT BULK SAMPLING PROGRAM			
ROAD UPGRADE DESIGN SUMMARY MILNE INLET BORROW AREA			
<div><div></div><div>Knight Piesold</div><div>CONSULTING</div></div>	P/A NO. NB102-00181/10	REF. 1	REV. 0
	FIGURE B.1		





Photo 5: Close up view of sample SC27 pit, July 2, 2006.



Photo 6: View looking northeast showing general location of sample SC27, July 2, 2006.



Photo 7: Close up view showing samples SC27 and 28 pit, July 3, 2006.



Photo 8: Close up view showing material in sample SC61, July 8, 2006.



Photo 9: Panoramic view looking northeast showing general area of sample SC28, July 3, 2006.



Photo 10: Close up view of sample SC62 pit, July 8, 2006.



Photo 11: View looking south showing location of sample SC61, July 8, 2006.



Photo 12: Close up view looking southwest showing sample SC61 pit, July 8, 2006.



			
MARY RIVER PROJECT BULK SAMPLING PROGRAM			
ROAD UPGRADE DESIGN SUMMARY MID-WAY CAMP BORROW AREA			
	P/A NO. NB102-00181/10	REF. 1	REV. 0
	FIGURE B.2		





Photo 13: Close up view showing sample SC63 pit, July 9, 2006.



Photo 14: View looking north showing location of sample SC63, July 9, 2006.



Photo 15: View looking south showing location of sample SC63, July 9, 2006.



Photo 16: Aerial view looking north showing general area of sample SC63, July 9, 2006.



Photo 17: View looking northeast showing location of sample SC67, July 9, 2006.



Photo 18: View looking west showing location of sample SC67, July 9, 2006.



Photo 19: Aerial photograph looking east showing general location of sample SC67, July 9, 2006.



Photo 20: Close up view showing sample SC67, July 9, 2006.





Photo 21: View looking north showing excavation of sample SC01, June 29, 2006.



Photo 22: Close up view of sample SC01 pit, June 29, 2006.



Photo 23: Close up view of sample SC12 pit, June 29, 2006.

			
MARY RIVER PROJECT BULK SAMPLING PROGRAM			
ROAD UPGRADE DESIGN SUMMARY MARY RIVER BORROW AREA			
	P/A NO. NB102-00181/10	REF. 1	REV. 0
	FIGURE B.3		

**APPENDIX C**  
**DESIGN VEHICLE SPECIFICATIONS**

- 2007 Kenworth T800W 13 pages




**KENWORTH**
**EDMONTON KENWORTH LTD.**

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2110 - 81 Avenue

Edmonton, AB, T5S 2P5

Edmonton, AB, T6P 1K9

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FAX: (780) 467-1012

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A DIVISION OF EDMONTON KENWORTH LTD.

6101 - 63 Ave. PO Box 11800

Lloydminster, AB, T9V 3C1

TEL: (780) 871-0950, FAX: (780) 871-0928

July 21, 2006

## Proposal / Quote for a New Factory Order

**FOR:** NUNA LOGISTICS INC  
9839-31 AVENUE  
EDMONTON, AB

**Attention:**  
KEITH McGRATH

**FROM:** K.L. (Ken) Jodoin; Sales Representative

Thank you for giving me the opportunity to quote you on your next truck acquisition,  
Quote/DTPO/CO: Q51600420

I hope that all is to your full satisfaction.

**2007 KENWORTH T800W W/CAT C15-435HP/ALLISON  
4500RDS/TRIDEM DRIVE**

Model: T800 Day Cab

Serial Number: 0

Number of Units in this Quote: = 7

Your Price per Unit  
\$

The following item(s) are, or will be, added to the vehicle prior to delivery.

- |   |          |
|---|----------|
| 1) Alberta Safety: Fire Ext., First Aid Kit, Flares               | Included |
| 2) PDI, Freight, AC Excise Tax                                    | Included |
| 3) Chrome Hubcaps, Nut Covers, Floor Mats                         | Included |
| 4) 20' STEEL BOX C/W Lined Floor & Partially Lined Sides. HD Hing | \$       |
| 5) 1700 Series Tridem Stiff Pole Pup W/17FT Steel Box             | \$       |

Included  
Included  
Included

**Sub Total:**

\$

**Trade-In Information:**

No trade discussed in this deal

Trade Value: \$

Net Quote: \$

NOTE: The price appearing above includes charges for PDI and freight but does not include tire levy and applicable GST tax.

This quote is valid for 6 days. The quoted price is subject to change based on current exchange fluctuation.

Please don't hesitate to contact me if you have any questions.

Thank you,

K.L. (Ken) Jodoin

Direct Line (780) 447-6044, Cel 719-9031

E-mail: [kjodoin@edmkw.com](mailto:kjodoin@edmkw.com)