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Cc: <StephensG@inac-ainc.gc.ca>; <TraynorJ@inac-ainc.gc.ca>; <PolandJ@biology.queensu.ca>; <SProskin@eba.ca>; "Steve Stowkowy (Cal)" <sstowkowy@UMAGroup.com>
Sent: Friday, July 25, 2003 3:15 PM
Attach: Drawing Title Page.pdf; 102-SITE PLAN.pdf; 103-GRADING AND INSTRUMENTATION PLAN.pdf; 104-TYPICAL SECTIONS.pdf; 105-MISCELLANEOUS DETAILS.pdf; 101-OVERALL SITE PLAN.pdf; Resolution Island Specifications.pdf
Subject: FW: Resolution Island PDF Documents

Jim Wahl and Dionne Filiatrault,

As requested by Glen Stephens, attached for information are the TIER II Landfill Drawings prepared by UMA and EBA in June, 2003. These drawings should address your questions regarding the cross section for the landfill and the locations of monitoring wells and thermistors.

In answer to your question regarding TIER I soil, TIER I soil will be placed above the TIER II soil but contained within the liner as shown on Drawing 104. TIER I soil will not be used in the berm construction.

Please contact me if any further clarifications may be required.

A.S. Washuta, P.Eng.

UMA Engineering Ltd.

780-486-7000

CLEAN UP OF ABANDONED
POLE VAULT MILITARY SITE

General Notes:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. HORIZONTAL CONTROL REFERENCED TO TEMPORARY BENCHMARK LOCATIONS.
3. MONITORING WELL LOCATIONS ARE APPROXIMATE ONLY. LOCATIONS TO BE FIELD CONFIRMED.

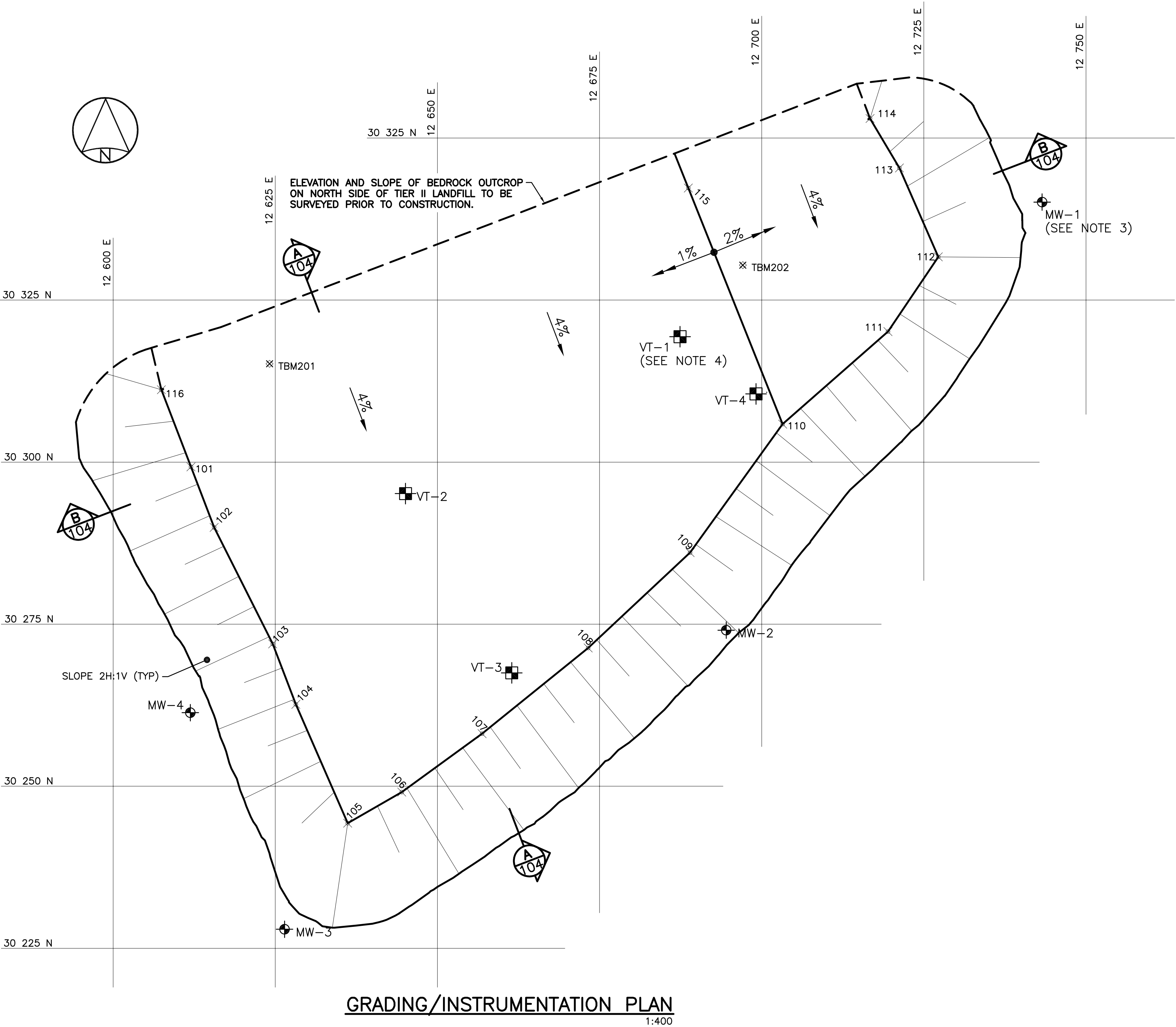
Legend:

- × 101 COORDINATE POINT
× TBM202 TEMPORARY BENCHMARK
+ VT-X VERTICAL THERMISTOR INSTALLATION (#)
+ MW-X PROPOSED MONITORING WELL LOCATION (#)
⊗ CM-X PERMANENT SURVEY CONTROL MONUMENT (#)

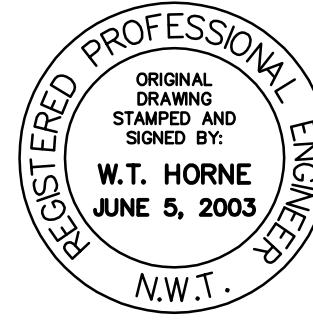
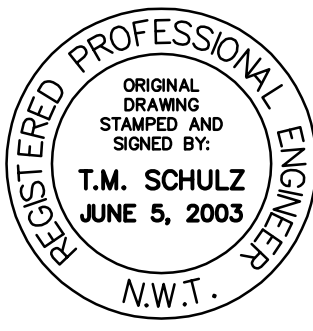
TEMPORARY BENCHMARKS				
NO.	NORTHING	EASTING	ELEV.	APPROXIMATE LOCATION
TBM201	30315.17	12624.12	312.9	NW CORNER OF EXISTING PCB STORAGE BUILDING
TBM202	30330.39	12697.09	312.7	SE CORNER OF EXISTING PCB STORAGE BUILDING

COORDINATE POINTS FINAL LANDFILL SURFACE			
NO.	NORTHING	EASTING	ELEV.
101	30299.26	12612.01	319.60
102	30289.93	12615.58	319.20
103	30271.96	12624.60	318.40
104	30262.63	12628.18	318.00
105	30244.30	12636.17	317.30
106	30249.10	12644.50	317.33
107	30258.11	12656.89	317.68
108	30271.33	12673.24	318.22
109	30286.04	12688.96	318.74
110	30305.86	12703.23	319.49
111	30320.14	12719.48	319.39
112	30331.66	12727.23	319.75
113	30345.38	12721.24	320.07
114	30353.01	12716.71	320.45
115	30342.29	12688.69	321.05
116	30311.17	12607.44	320.18

*THESE COORDINATES ARE REFERENCED TO THE TEMPORARY BENCHMARKS AND ARE NOT TO BE CONSIDERED EXACT.



0	06/05/03	ISSUED FOR CONSTRUCTION	TMS
No.	DATE	REVISION	REVISION



uma	800
SCALE - ECHELLE	8 4 0 8 16 24m
1:400	

PROJECT - PROJET	BAF-5 RESOLUTION ISLAND
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TRADE - METIER	SITING	DATE	2003-03-21
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SUBJECT - SUJET

TIER II LANDFILL
GRADING AND INSTRUMENTATION PLAN

PRODUCTION		CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE	TMS	DES OFF AGENT CONCEPT	
DRAWN DESSINE	JMJ	SECT HD CHEF SECT	
CHECKED VERIFIE	WTH	DES MGR GEST CONCEPT	
COORDINATION	ASW	REVIEWED - REVU	KJ
DWG. NO. - DESSIN NO. 103			

PERMIT TO PRACTICE
EBA ENGINEERING
CONSULTANTS LTD.
PERMIT NUMBER: P 018
ORIGINAL DRAWING
STAMPED AND SIGNED BY:
KEVIN W. JONES
JUNE 5, 2003

PERMIT TO PRACTICE
UMA ENGINEERING LTD.
PERMIT NUMBER: P 007
ORIGINAL DRAWING
STAMPED AND SIGNED BY:
ART S. WASHUTA
JUNE 5, 2003