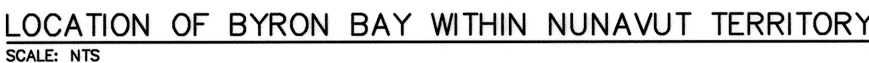
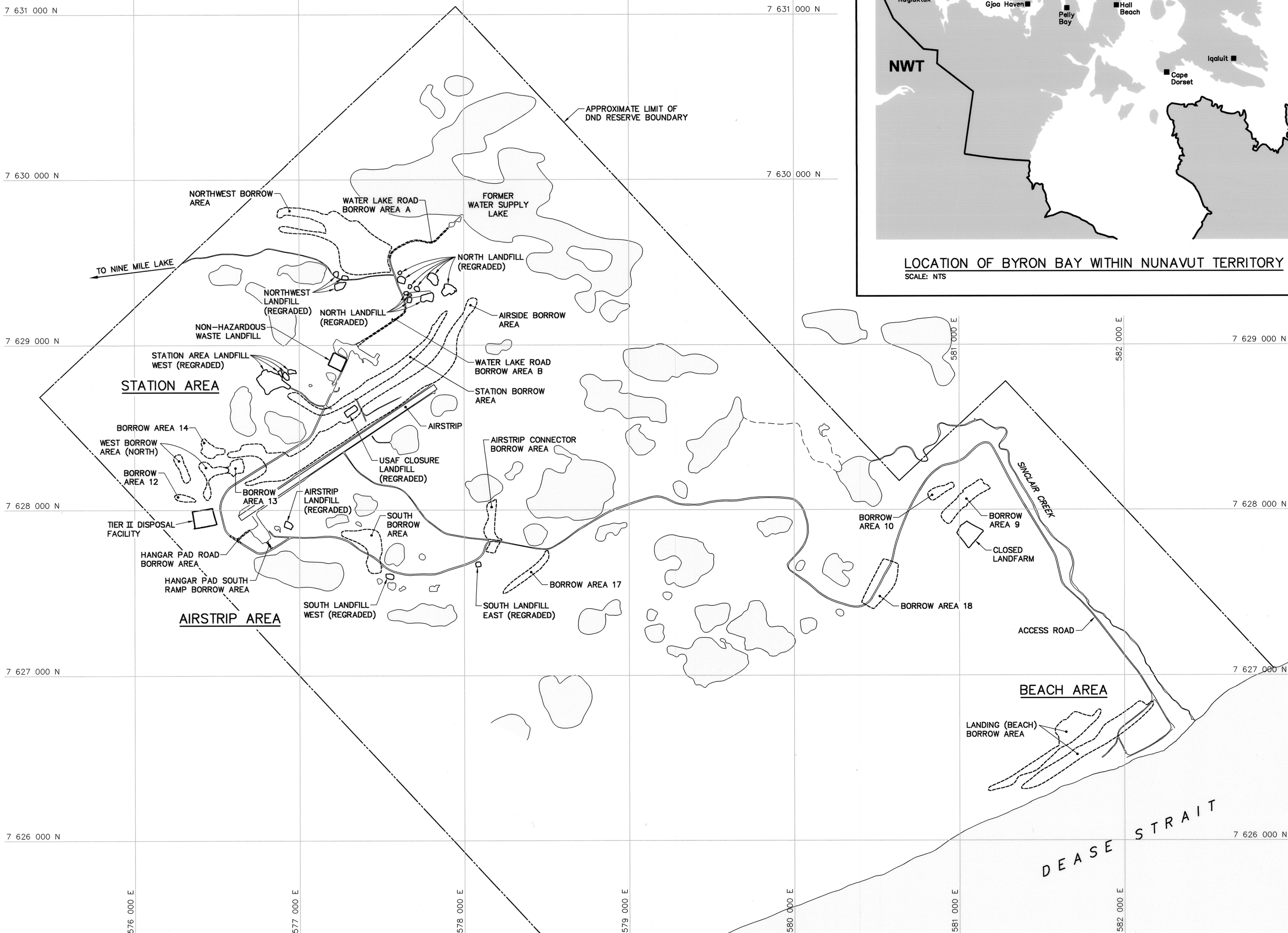


NOTE:
THIS DRAWING PACKAGE HAS BEEN
REVISED BASED ON INFORMATION
SUPPLIED BY DEFENCE CONSTRUCTION
CANADA IN 2009, 2010, 2011 AND
2012.

DRAWING INDEX					
DRAWING No.	TITLE	DRAWING No.	TITLE	DRAWING No.	TITLE
SITING		SITING		STRUCTURAL	
H-B264/1-9101-101	OVERALL SITE PLAN	H-B264/1-9101-114	NORTH LANDFILL (LOBE-A) PLAN AND CROSS-SECTION	H-B264/1-9101-204	GARAGE PLAN AND SECTION
H-B264/1-9101-102	PROJECT LAYOUT SHEET 1	H-B264/1-9101-115	NON-HAZARDOUS WASTE LANDFILL BERM CONSTRUCTION AND FINAL GRADING PLANS	H-B264/1-9101-205	MODULE TRAIN UNITS 1A-25 PLAN
H-B264/1-9101-103	PROJECT LAYOUT SHEET 2	H-B264/1-9101-116	NON-HAZARDOUS WASTE LANDFILL CROSS SECTIONS AND DETAIL	H-B264/1-9101-206	MODULE TRAIN UNITS 1A-25 ELEVATIONS
H-B264/1-9101-104	NORTHWEST LANDFILL AREA SITE PLAN	H-B264/1-9101-117	TIER II DISPOSAL FACILITY KEY TRENCH EXCAVATION PLAN & GRADING/INSTRUMENTATION PLAN	H-B264/1-9101-207	HANGAR PLAN AND SECTION
H-B264/1-9101-105	NORTH LANDFILL AREA SITE PLAN	H-B264/1-9101-118	TIER II DISPOSAL FACILITY CROSS SECTION AND DETAIL	H-B264/1-9101-208	POL PUMPHOUSE PLAN AND ELEVATIONS
H-B264/1-9101-106	STATION AREA-WEST SITE PLAN	H-B264/1-9101-119	SOUTH LANDFILL (MIDDLE LOBE) EXCAVATION PLAN	H-B264/1-9101-209	RADAR TOWER/RADOME PLAN AND SECTION
H-B264/1-9101-107	STATION AREA SITE PLAN	H-B264/1-9101-120	CLOSED LANDFARM CROSS SECTION	H-B264/1-9101-210	COMMUNICATION DISH ELEVATIONS
H-B264/1-9101-108	STATION AREA-SOUTH SITE PLAN	H-B264/1-9101-121	MISCELLANEOUS DETAILS SHEET 1	H-B264/1-9101-211	COMMUNICATION BILLBOARD, FEEDHORN AND WAVEGUIDE PLAN, SECTIONS AND ELEVATIONS
H-B264/1-9101-109	AIRSTRIIP AREA SITE PLAN	H-B264/1-9101-122	MISCELLANEOUS DETAILS SHEET-2	H-B264/1-9101-212	FUEL TANKS PLAN AND ELEVATIONS
H-B264/1-9101-110	SOUTH LANDFILL AREA SITE PLAN	STRUCTURAL		H-B264/1-9101-213	AIRSTRIIP ANCILLARY FACILITIES STANDARD DETAILS
H-B264/1-9101-111	LANDFARM AREA SITE PLAN	H-B264/1-9101-201	STATION AREA DEMOLITION SITE PLAN	© COPYRIGHT HER MAJESTY THE QUEEN IN RIGHT OF CANADA 2013, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE.	
H-B264/1-9101-112	BEACH AREA SITE PLAN	H-B264/1-9101-202	AIRSTRIIP AREA AND BEACH AREA DEMOLITION SITE PLANS		
H-B264/1-9101-113	NORTH LANDFILL (LOBE-B) PLAN AND CROSS-SECTION	H-B264/1-9101-203	WAREHOUSE PLAN, SECTION AND ELEVATION		




PIN-4 BYRON BAY AS-BUILT DRAWINGS




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1. ALL COORDINATES ARE REFERENCED TO NAD83 (GSRs), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS REMOVED WITHIN THE PLAN AREA WAS PLACED IN THE NON-HAZARDOUS WASTE LANDFILL.
4. GRANULAR FERTILIZER WAS APPLIED TO THE FINISHED SURFACE OF ALL REGRADES, CONSTRUCTED LANDFILLS AND DEVELOPED BORROW AREAS.

Legend:

	APPROXIMATE LOCATION OF PROPERTY BOUNDARY
	APPROXIMATE EXTENT OF BORROW AREA
	BODY OF WATER



SCALE - ECHELLE 200 100 0 200 400 600m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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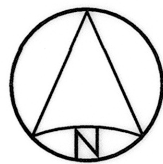
TRADE - METIER	SITING	DATE
		2006-09-15
SUBJECT - SUJET		

OVERALL SITE PLAN

PRODUCTION	CONCURRENCE -- ASSESSMENT	
DESIGNED ETUDIE <i>TME/BWF</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE <i>CAE</i>		SECT HD CHEF SECT
CHECKED VERIFIE <i>RRM</i>		DES MGR GEST CONCEPT
COORDINATION <i>SMS</i>	REVIEWED -- REVU	

DWG. NO. — DESSIN NO.
H-B264/1-9101-101

Canadă



General Notes:

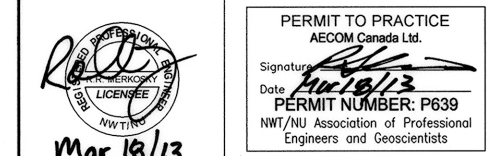
1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ARCHAEOLOGICAL FEATURES LOCATED AS PER ENVIRONMENTAL CLEAN UP STUDY OF 21 DEW LINE SITES IN CANADA, VOL. 11, UMA 1991.
4. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

- CM4 SURVEY CONTROL MONUMENT
- BM-1 PERMANENT BENCHMARK LOCATION (7)
- APPROXIMATE LOCATION OF PROJECT COMMEMORATIVE PLAQUE
- APPROXIMATE LOCATION OF CONTRACTORS COMMEMORATIVE PLAQUE
- APPROXIMATE LOCATION OF PROPERTY BOUNDARY
- ARCHAEOLOGICAL FEATURES
- BODY OF WATER

0 13-03-18 AS-BUILT DRAWING RRM

No. DATE REVISION REVISION APPR.



AECOM HATCH

SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJET
PIN-4 BYRON BAY

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TRADE - METIER SITING DATE
2006-09-15

SUBJECT - SUJET

PROJECT LAYOUT
SHEET 1

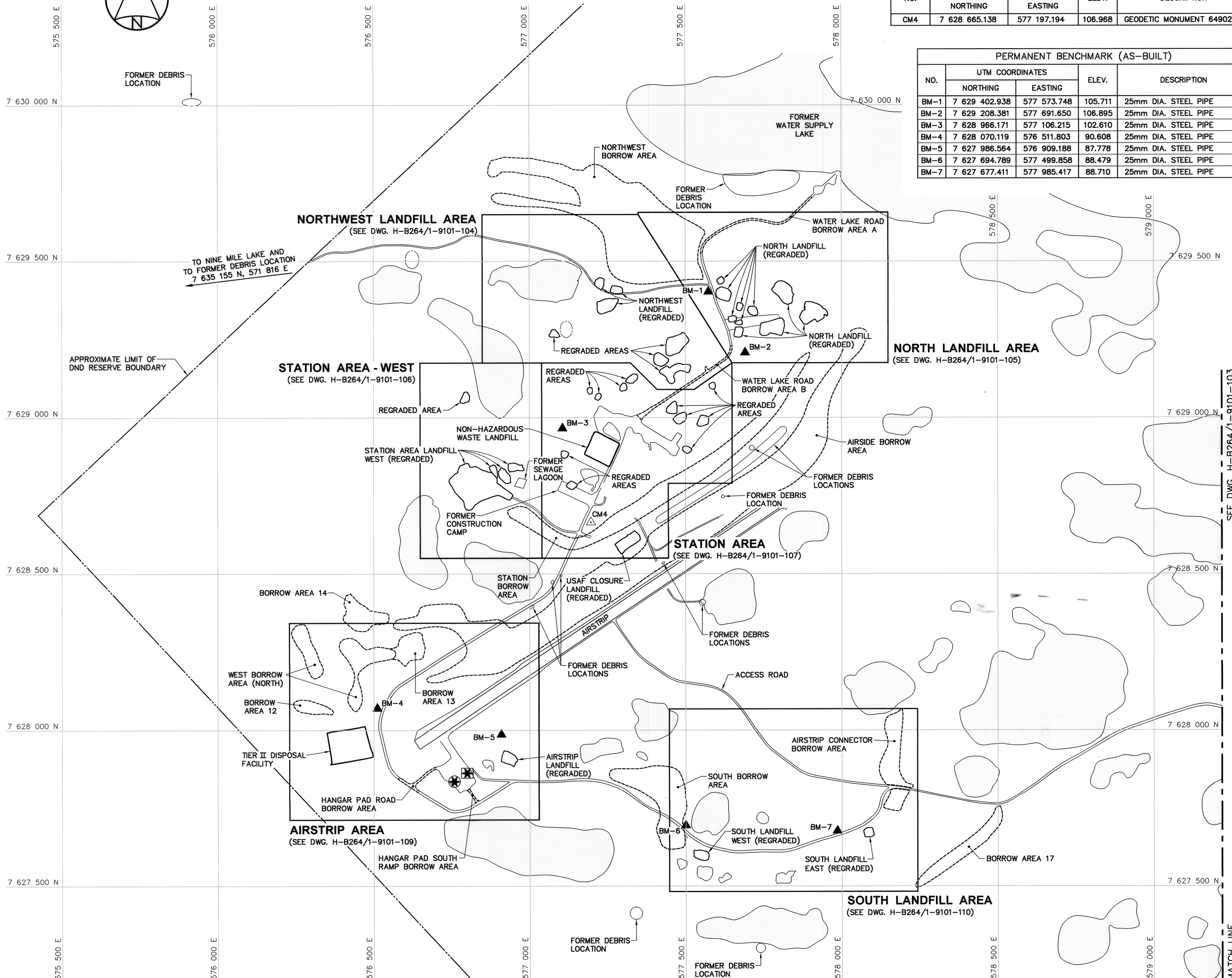
PRODUCTION		CONCURRENCE - ASSENTMENT	
DESIGNED ETUDIE	TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION	SMS	REVIEWED - REVU	

DWG. NO. - DESSIN NO.
H-B264/1-9101-102

Canada

SURVEY CONTROL MONUMENTS				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM4	7 628 665.138	577 197.194	106.968	GEODETIC MONUMENT 649020



PERMANENT BENCHMARK (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-1	7 629 402.938	577 573.748	105.711	25mm DIA. STEEL PIPE
BM-2	7 629 208.381	577 691.650	106.895	25mm DIA. STEEL PIPE
BM-3	7 628 966.171	577 106.215	102.610	25mm DIA. STEEL PIPE
BM-4	7 628 070.119	576 511.803	90.608	25mm DIA. STEEL PIPE
BM-5	7 627 986.564	576 909.188	87.778	25mm DIA. STEEL PIPE
BM-6	7 627 694.789	577 499.858	88.479	25mm DIA. STEEL PIPE
BM-7	7 627 677.411	577 985.417	88.710	25mm DIA. STEEL PIPE



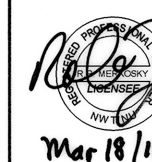
General Notes:


1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

-  BM-8 PERMANENT BENCHMARK
 LOCATION (3)
 --- APPROXIMATE LOCATION OF
 PROPERTY BOUNDARY
 BODY OF WATER

0	13-03-18	AS-BUILT DRAWING		RRM
No.	DATE	REVISION	REVISION	APPR.



PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: 
Date: Mar 18/13
PERMIT NUMBER: P639
NWT/NU Association of Professional
Engineers and Geoscientists

HATCH

SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJECT
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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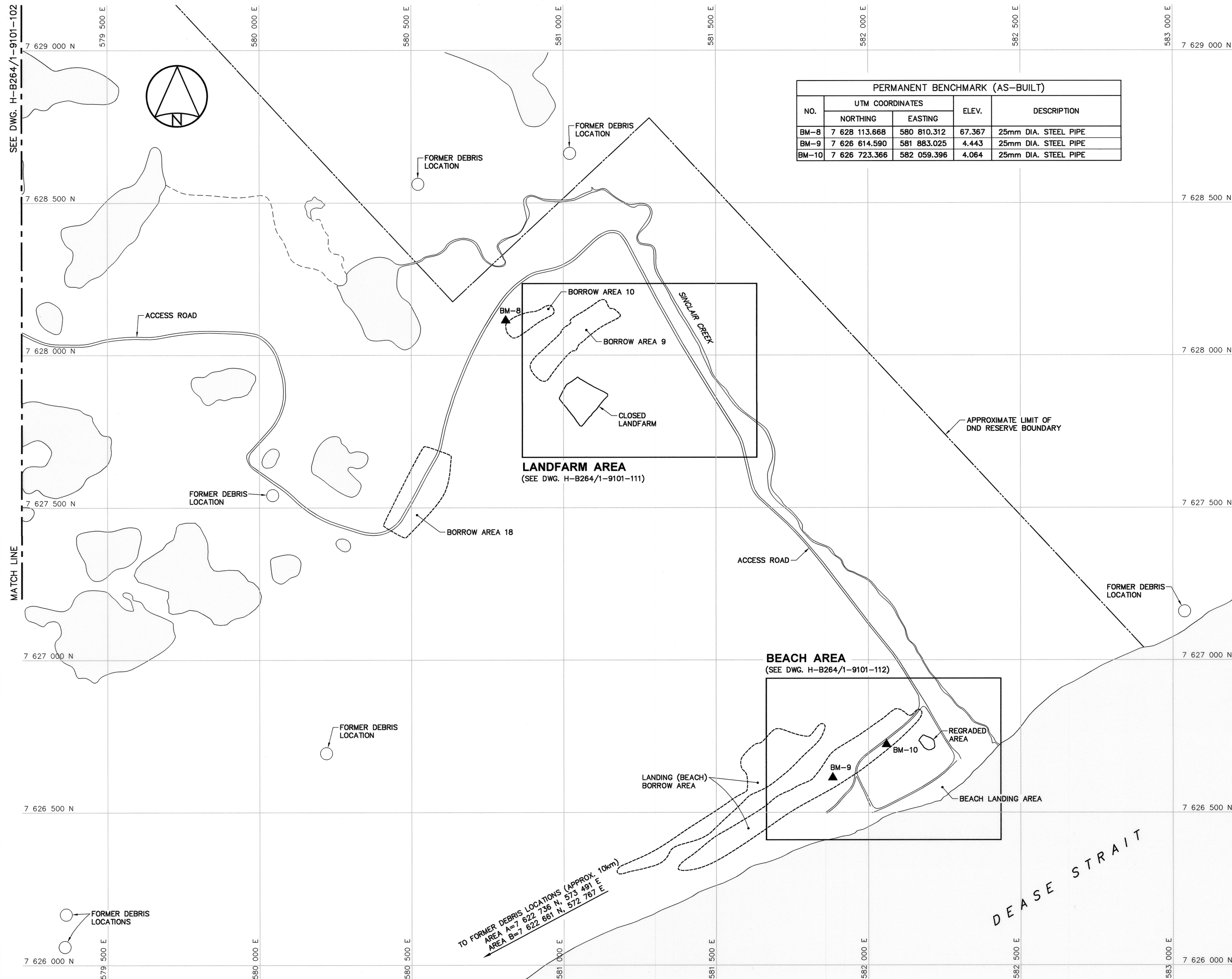
TRADE - METIER	SITING	DATE
		2006-09-15
SUBJECT - SUJET		

PROJECT LAYOUT
SHEET 2

PRODUCTION		CONCURRENCE — ASSESSMENT	
DESIGNED ETUDIE	<i>TME/BWF</i>	DES OFF AGENT CONCEPT	
DRAWN DESSINE	<i>CAE</i>	SECT HD CHEF SECT	
CHECKED VERIFIE	<i>RRM</i>	DES MGR GEST CONCEPT	
COORDINATION <i>SMS</i>		REVIEWED — REVU	

DWG. NO. — DESSIN NO.
H-B264/1-9101-103

Canada



NW GARAGE AREA REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
101	7 629 277.7	577 082.7	104.4
102	7 629 262.8	577 093.1	104.1
103	7 629 264.7	577 070.5	104.1

NORTHWEST LANDFILL (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
110	7 629 366.7	577 224.6	105.0
111	7 629 371.4	577 240.1	105.5
112	7 629 376.2	577 251.3	105.7
113	7 629 375.2	577 280.0	105.8
114	7 629 356.3	577 271.1	104.8
115	7 629 345.4	577 261.4	104.4
116	7 629 336.5	577 230.7	103.8
117	7 629 344.3	577 223.5	103.7

NORTHWEST LANDFILL (LOBE C) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
120	7 629 416.9	577 270.2	104.3
121	7 629 412.0	577 285.5	105.0
122	7 629 409.3	577 294.9	105.1
123	7 629 402.7	577 295.1	105.6
124	7 629 401.4	577 287.7	105.5
125	7 629 401.7	577 265.7	105.0

NORTHWEST LANDFILL (LOBE D) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
130	7 629 439.4	577 216.6	102.3
131	7 629 443.8	577 222.6	102.1
132	7 629 443.9	577 235.5	103.0
133	7 629 431.0	577 236.3	103.6
134	7 629 414.0	577 231.7	104.2
135	7 629 416.0	577 224.4	103.9
136	7 629 425.7	577 212.8	103.4

OLD CONSTRUCTION CAMP-WEST DEBRIS AREA (LOBE A) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
140	7 629 247.3	577 450.2	107.2
141	7 629 262.9	577 500.5	107.1
142	7 629 247.4	577 508.2	108.0
143	7 629 234.4	577 494.8	108.3
144	7 629 213.4	577 477.2	108.9
145	7 629 205.0	577 446.2	109.1
146	7 629 232.1	577 445.8	108.1

OLD CONSTRUCTION CAMP-WEST DEBRIS AREA (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
150	7 629 199.7	577 409.4	108.3
151	7 629 202.1	577 413.3	108.4
152	7 629 185.9	577 441.4	109.1
153	7 629 181.7	577 440.4	109.0
154	7 629 174.0	577 424.8	108.5
155	7 629 176.5	577 409.5	107.9
156	7 629 185.1	577 408.0	107.9

OLD CONSTRUCTION CAMP-WEST DEBRIS AREA (LOBE C) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
160	7 629 148.2	577 425.8	108.1
161	7 629 155.6	577 438.0	108.3
162	7 629 153.3	577 454.7	108.6
163	7 629 163.2	577 471.0	108.5
164	7 629 165.9	577 479.9	108.4
165	7 629 163.1	577 504.2	108.5
166	7 629 159.3	577 509.3	108.5
167	7 629 151.7	577 508.9	108.5
168	7 629 155.6	577 491.5	108.4
169	7 629 154.4	577 473.8	108.6
170	7 629 142.8	577 460.6	108.7
171	7 629 129.5	577 457.3	108.5
172	7 629 120.9	577 461.1	108.3
173	7 629 117.2	577 459.7	108.3
174	7 629 116.6	577 453.3	108.4
175	7 629 123.1	577 447.5	108.3
176	7 629 132.1	577 444.9	108.5



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General Notes:

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- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:

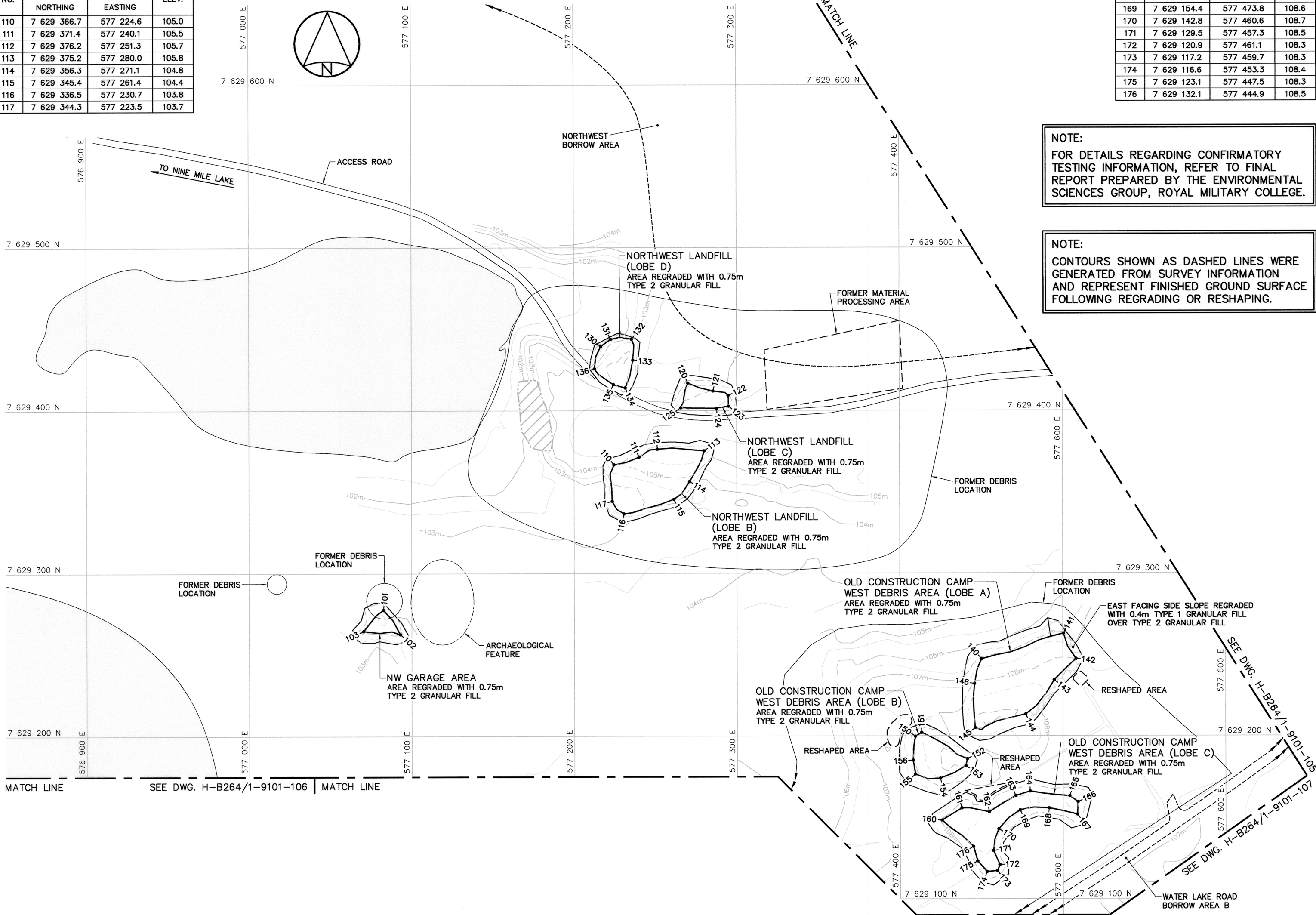
- COORDINATE POINT
- COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION
- BODY OF WATER

NOTE:

FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:

CONTOURS SHOWN AS DASHED LINES WERE GENERATED FROM SURVEY INFORMATION AND REPRESENT FINISHED GROUND SURFACE FOLLOWING REGRADING OR RESHAPING.



0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: *[Signature]*
Date: *Mar 18/13*
PERMIT NUMBER: P639
NWT/NU Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER SITING DATE 2006-09-15

SUBJECT - SUJET
NORTHWEST LANDFILL AREA
SITE PLAN

PRODUCTION		CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE	TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION SMS		REVIEWED - REVU	

DWG. NO. - DESSIN NO.
H-B264/1-9101-104

Canada

NORTH LANDFILL (LOBE A) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
201	7 629 345.5	577 888.4	106.6
202	7 629 336.2	577 904.2	107.4
203	7 629 334.4	577 912.0	107.4
204	7 629 331.3	577 916.3	107.3
205	7 629 323.5	577 918.4	106.9
206	7 629 318.7	577 916.5	106.8
207	7 629 317.1	577 909.1	106.9
208	7 629 303.0	577 887.3	107.0
209	7 629 306.3	577 881.9	107.1
210	7 629 319.0	577 871.9	106.9
211	7 629 324.9	577 870.8	106.8
212	7 629 340.0	577 938.2	97.6
213	7 629 343.2	577 941.9	97.1
214	7 629 340.9	577 945.7	97.3
215	7 629 336.4	577 948.5	97.4
216	7 629 332.7	577 947.6	97.6
217	7 629 333.8	577 943.0	97.9

NORTH LANDFILL (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
220	7 629 406.5	577 783.4	105.0
221	7 629 427.8	577 803.2	99.0
222	7 629 431.8	577 815.1	97.4
223	7 629 428.5	577 822.5	97.3
224	7 629 414.7	577 836.4	97.5
225	7 629 407.2	577 836.5	98.4
226	7 629 385.0	577 840.8	100.5
227	7 629 376.3	577 835.6	105.0
228	7 629 370.7	577 834.6	107.1
229	7 629 366.2	577 826.7	108.0
230	7 629 375.9	577 813.3	107.7
231	7 629 394.1	577 797.6	106.0
232	7 629 401.7	577 786.1	105.3

NOTE:
COORDINATE POINTS AND ELEVATIONS PROVIDED
ARE TO THE FINAL GRADE OF THE TYPE 2
GRANULAR FILL PRIOR TO THE PLACEMENT OF
THE TYPE 1 GRANULAR FILL.

NORTH LANDFILL (LOBE C) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
301	7 629 297.0	577 748.3	110.4
302	7 629 309.8	577 807.9	109.6
303	7 629 301.9	577 814.1	107.5
304	7 629 278.2	577 810.0	107.4
305	7 629 268.7	577 805.8	107.4
306	7 629 280.3	577 774.0	107.8
307	7 629 266.6	577 755.3	108.6
308	7 629 270.6	577 745.0	109.0
309	7 629 285.9	577 746.2	109.3

NORTH LANDFILL (LOBE F) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
320	7 629 346.2	577 708.4	109.7
321	7 629 346.3	577 717.0	109.7
322	7 629 336.5	577 721.3	110.0
323	7 629 333.5	577 719.7	110.2
324	7 629 333.3	577 711.9	110.2
325	7 629 341.7	577 706.2	110.2

NORTH LANDFILL (LOBE I) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
340	7 629 314.5	577 644.6	110.8
341	7 629 316.1	577 647.6	110.7
342	7 629 316.8	577 658.1	110.8
343	7 629 313.0	577 660.0	111.0
344	7 629 310.2	577 650.2	111.0
345	7 629 310.5	577 645.7	110.9

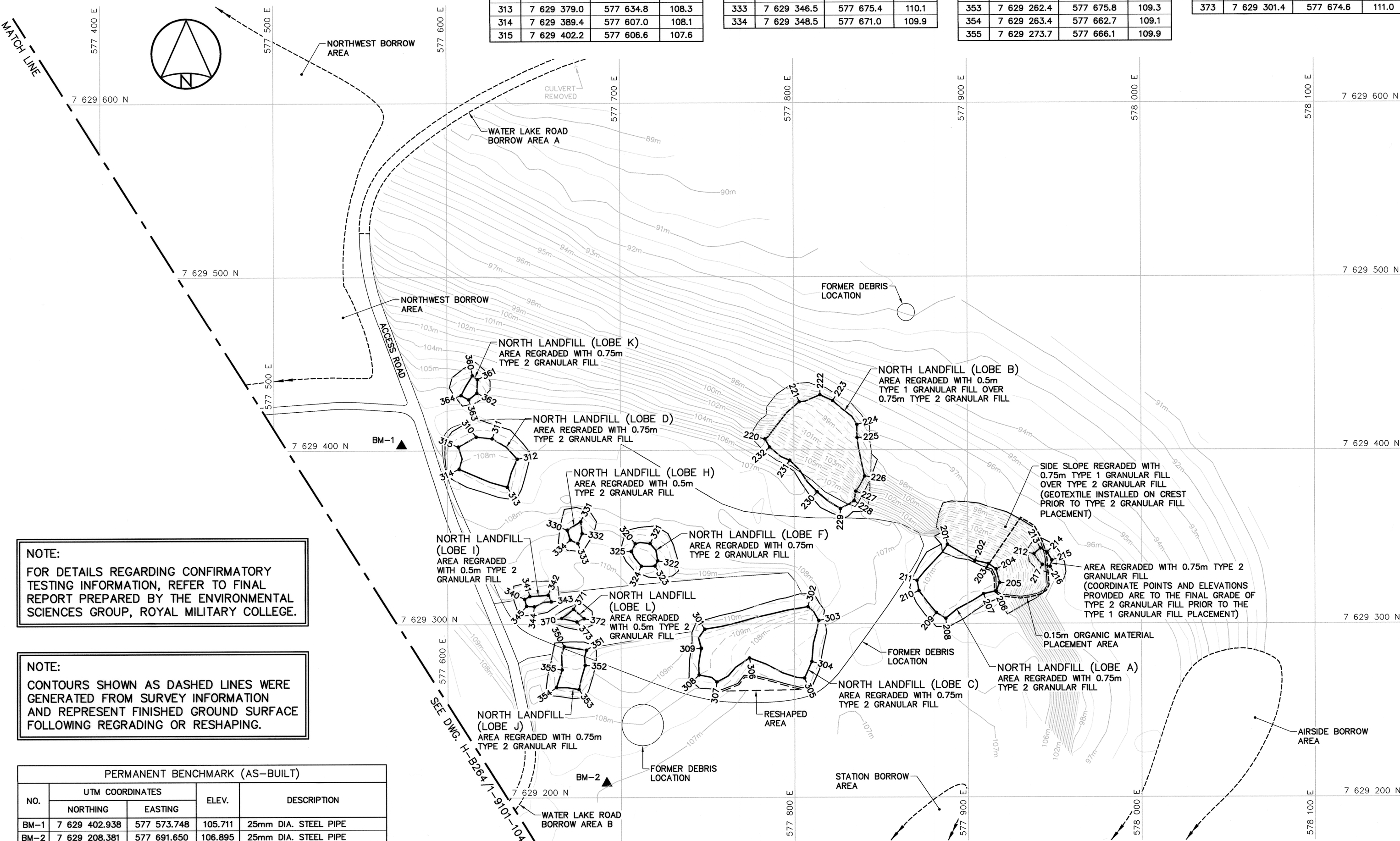
NORTH LANDFILL (LOBE K) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
360	7 629 443.3	577 614.7	105.9
361	7 629 441.1	577 617.7	106.1
362	7 629 433.2	577 617.4	106.7
363	7 629 429.4	577 612.6	106.9
364	7 629 431.8	577 608.2	106.7

NORTH LANDFILL (LOBE D) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
310	7 629 407.9	577 616.9	107.5
311	7 629 406.9	577 626.1	107.5
312	7 629 395.1	577 640.6	108.0
313	7 629 379.0	577 634.8	108.3
314	7 629 389.4	577 607.0	108.1
315	7 629 402.2	577 606.6	107.6

NORTH LANDFILL (LOBE H) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
330	7 629 354.2	577 669.3	109.6
331	7 629 359.0	577 677.0	109.4
332	7 629 352.2	577 677.8	109.9
333	7 629 346.5	577 675.4	110.1
334	7 629 348.5	577 671.0	109.9

NORTH LANDFILL (LOBE J) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
350	7 629 287.1	577 667.3	110.5
351	7 629 285.1	577 680.1	110.5
352	7 629 276.3	577 679.3	110.0
353	7 629 262.4	577 675.8	109.3
354	7 629 263.4	577 662.7	109.1
355	7 629 273.7	577 666.1	109.9

NORTH LANDFILL (LOBE L) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
370	7 629 303.4	577 665.9	111.0
371	7 629 308.6	577 672.7	111.1
372	7 629 303.2	577 678.8	111.0
373	7 629 301.4	577 674.6	111.0



NOTE:
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TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE
GENERATED FROM SURVEY INFORMATION
AND REPRESENT FINISHED GROUND SURFACE
FOLLOWING REGRADED OR RESHAPING.

PERMANENT BENCHMARK (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-1	7 629 402.938	577 573.748	105.711	25mm DIA. STEEL PIPE
BM-2	7 629 208.381	577 691.650	106.895	25mm DIA. STEEL PIPE

National Defence
Défense nationale

Headquarters
Quartier général

General Notes:

- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

▲ BM-1 PERMANENT BENCHMARK LOCATION (2)

● 201 COORDINATE POINT

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	APPR.

PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: *[Signature]*
Date: *14/10/13*
PERMIT NUMBER: P639
NWT/NU Association of Professional Engineers and Geoscientists

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - METIER	SITING	DATE
		2006-09-15

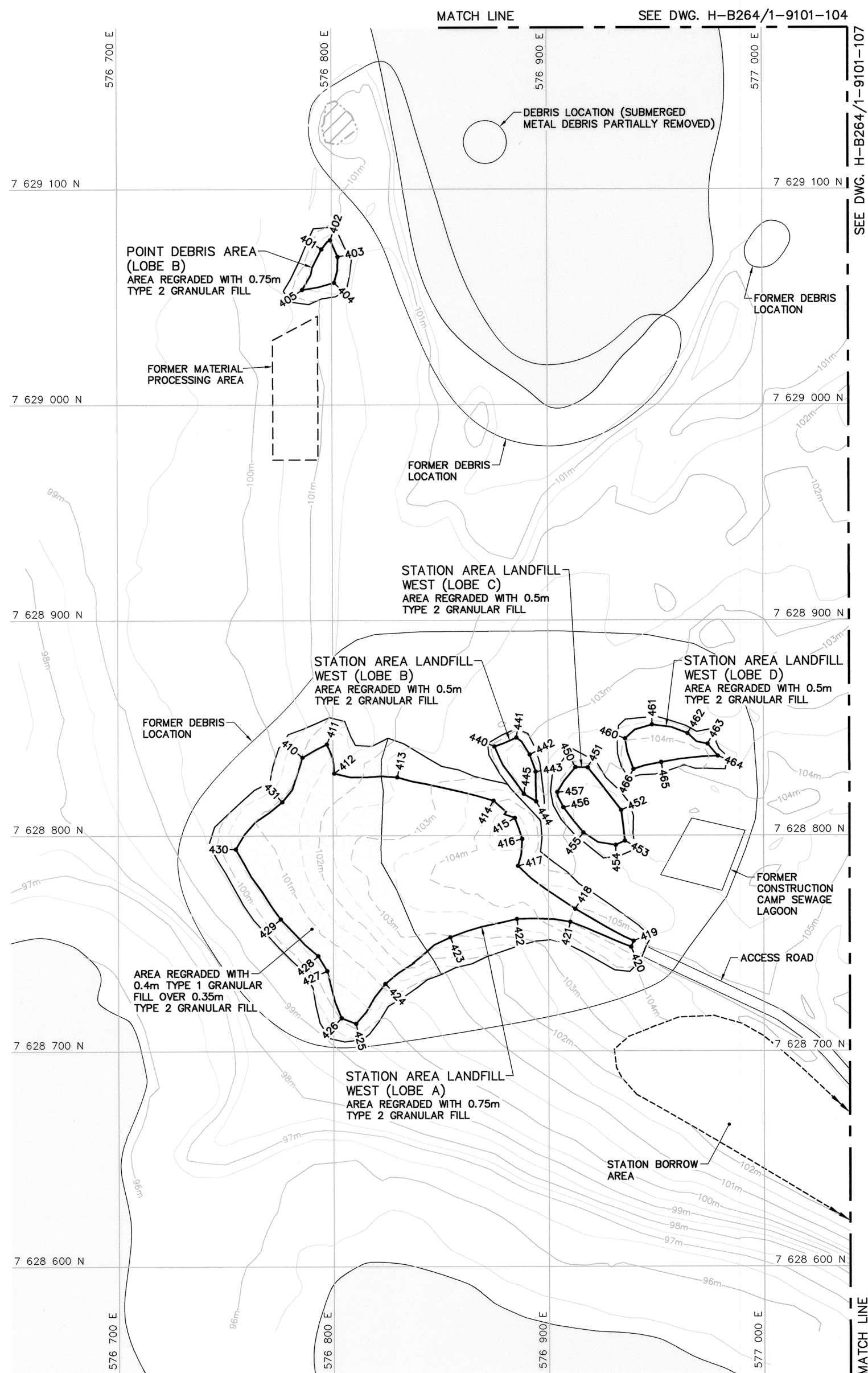
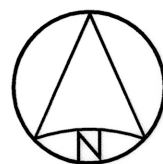
SUBJECT - SUJET

NORTH LANDFILL AREA
SITE PLAN

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE TIME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE CAE	SECT HD CHEF SECT
CHECKED VERIFIE RRM	DES MGR GEST CONCEPT
COORDINATION SMS	REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-B264/1-9101-105

Canada



NOTE:
FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE GENERATED FROM SURVEY INFORMATION AND REPRESENT FINISHED GROUND SURFACE FOLLOWING REGRADING OR RESHAPING.

POINT DEBRIS AREA (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
401	7 629 072.3	576 795.3	101.8
402	7 629 076.5	576 799.4	101.8
403	7 629 068.8	576 802.9	102.0
404	7 629 056.8	576 801.2	102.0
405	7 629 053.5	576 786.3	101.4




STATION AREA LANDFILL—WEST (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
440	7 628 841.4	576 875.2	103.2
441	7 628 845.6	576 885.4	103.4
442	7 628 837.7	576 891.6	103.5
443	7 628 829.7	576 894.2	103.6
444	7 628 815.8	576 894.5	103.6
445	7 628 819.4	576 888.7	103.5

STATION AREA LANDFILL—WEST (LOBE A) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
410	7 628 836.5	576 785.9	101.0
411	7 628 842.6	576 797.3	101.5
412	7 628 829.1	576 800.6	101.7
413	7 628 827.2	576 829.9	102.7
414	7 628 816.2	576 874.6	103.9
415	7 628 808.2	576 884.5	104.9
416	7 628 798.4	576 887.9	104.9
417	7 628 785.9	576 886.0	104.3
418	7 628 765.9	576 912.5	105.0
419	7 628 751.0	576 939.6	105.5
420	7 628 748.2	576 938.5	105.4
421	7 628 759.9	576 910.3	105.0
422	7 628 761.2	576 885.4	103.7
423	7 628 752.8	576 854.5	103.0
424	7 628 731.3	576 824.2	101.1
425	7 628 712.9	576 810.5	100.1
426	7 628 715.4	576 803.8	100.1
427	7 628 737.3	576 797.2	100.6
428	7 628 744.2	576 793.0	100.7
429	7 628 761.3	576 775.6	100.5
430	7 628 793.8	576 754.8	100.6
431	7 628 815.8	576 776.4	101.1

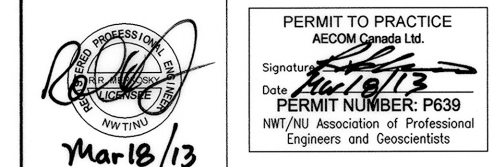
STATION AREA LANDFILL—WEST (LOBE C) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
450	7 628 831.8	576 912.7	104.2
451	7 628 831.6	576 918.4	104.1
452	7 628 811.8	576 933.9	104.7
453	7 628 797.5	576 935.7	104.8
454	7 628 795.5	576 931.4	104.9
455	7 628 801.3	576 916.4	104.6
456	7 628 813.1	576 907.1	104.3
457	7 628 820.2	576 904.3	104.1

STATION AREA LANDFILL—WEST (LOBE D) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
460	7 628 845.1	576 935.9	104.0
461	7 628 851.5	576 948.4	103.7
462	7 628 847.5	576 964.9	103.7
463	7 628 842.6	576 974.2	103.9
464	7 628 837.0	576 978.9	103.9
465	7 628 834.1	576 952.6	104.3
466	7 628 830.8	576 939.6	104.3

- General Notes:
1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

- Legend:
-  COORDINATE POINT
 -  COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION
 -  BODY OF WATER

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



SCALE — ECHELLE 20 10 0 20 40 60m

PROJECT — PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE — METIER SITING DATE 2006-09-15

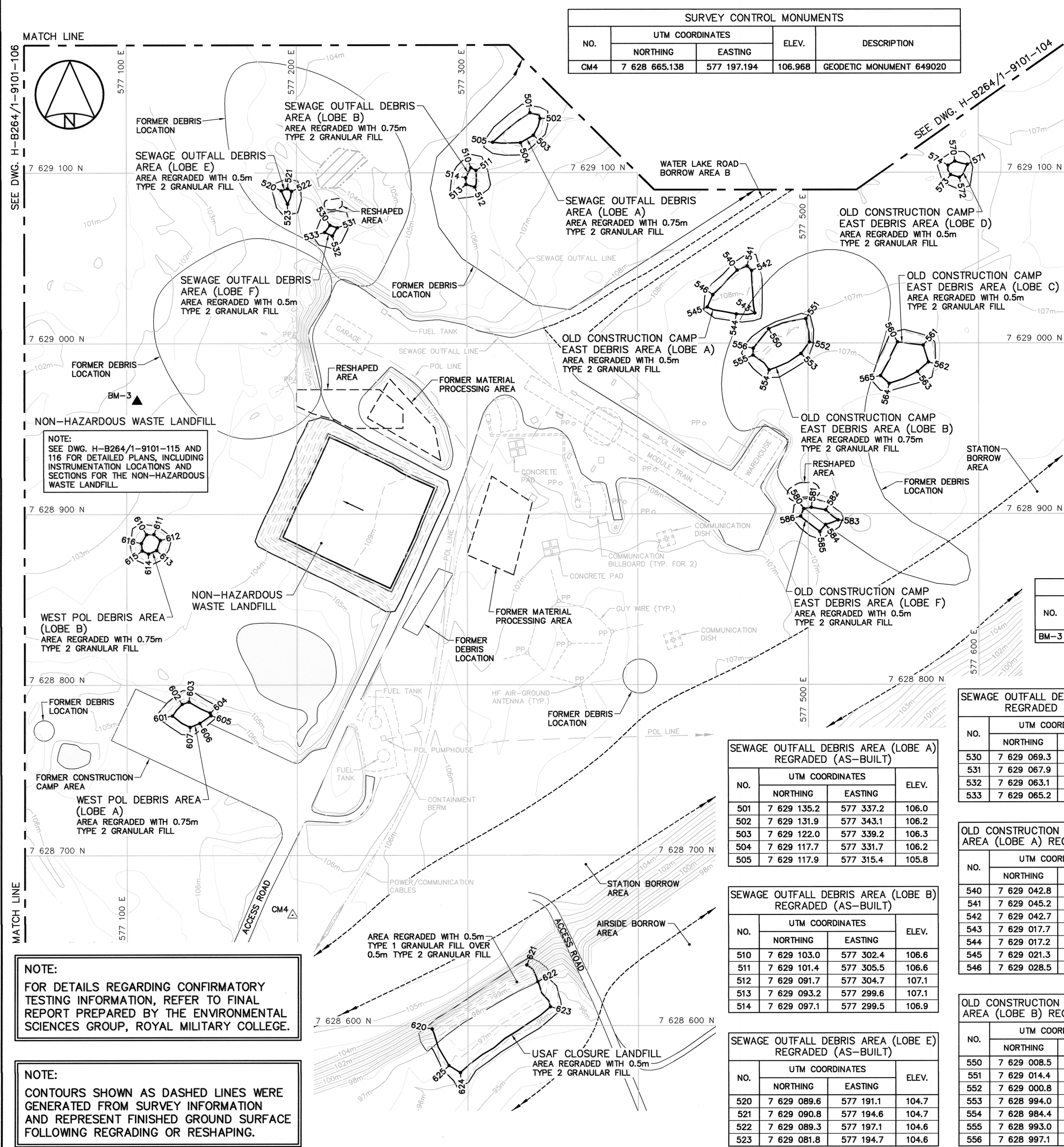
SUBJECT — SUJET

STATION AREA—WEST SITE PLAN

PRODUCTION		CONCURRENCE — ASSENTIMENT	
DESIGNED ETUDIE	TIME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION SMS		REVIEWED — REVU	

DWG. NO. — DESSIN NO.
H-B264/1-9101-106

Canada



WEST POL DEBRIS AREA (LOBE A) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
601	7 628 781.8	577 126.8	106.9
602	7 628 788.7	577 132.5	106.8
603	7 628 790.0	577 136.5	106.7
604	7 628 783.6	577 148.9	106.7
605	7 628 782.0	577 149.4	106.7
606	7 628 777.5	577 142.9	106.7
607	7 628 775.2	577 137.2	106.9

WEST POL DEBRIS AREA (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
610	7 628 888.2	577 111.7	104.6
611	7 628 888.3	577 116.0	104.5
612	7 628 884.9	577 119.8	104.7
613	7 628 879.0	577 117.6	104.7
614	7 628 876.9	577 112.9	104.6
615	7 628 878.7	577 109.2	104.7
616	7 628 883.0	577 108.6	104.7

USAF CLOSURE LANDFILL REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
620	7 628 598.2	577 279.1	99.6
621	7 628 635.7	577 334.7	101.9
622	7 628 625.9	577 341.1	98.0
623	7 628 611.2	577 348.5	96.3
624	7 628 572.5	577 295.6	96.6
625	7 628 576.6	577 289.0	97.0

NOTE:
COORDINATE POINTS AND ELEVATIONS PROVIDED
ARE TO THE FINAL GRADE OF THE TYPE 2
GRANULAR FILL PRIOR TO THE PLACEMENT OF
THE TYPE 1 GRANULAR FILL.

PERMANENT BENCHMARK (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-3	7 628 966.171	577 106.215	102.610	25mm DIA. STEEL PIPE

SEWAGE OUTFALL DEBRIS AREA (LOBE F) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
530	7 629 069.3	577 219.7	104.9
531	7 629 067.9	577 223.9	104.9
532	7 629 063.1	577 221.1	104.9
533	7 629 065.2	577 216.6	104.9

OLD CONSTRUCTION CAMP-EAST DEBRIS AREA (LOBE C) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
560	7 629 000.8	577 552.5	107.5
561	7 628 998.9	577 567.6	107.6
562	7 628 989.0	577 570.7	107.6
563	7 628 983.4	577 564.3	107.6
564	7 628 976.4	577 547.7	107.8
565	7 628 981.0	577 542.6	107.7

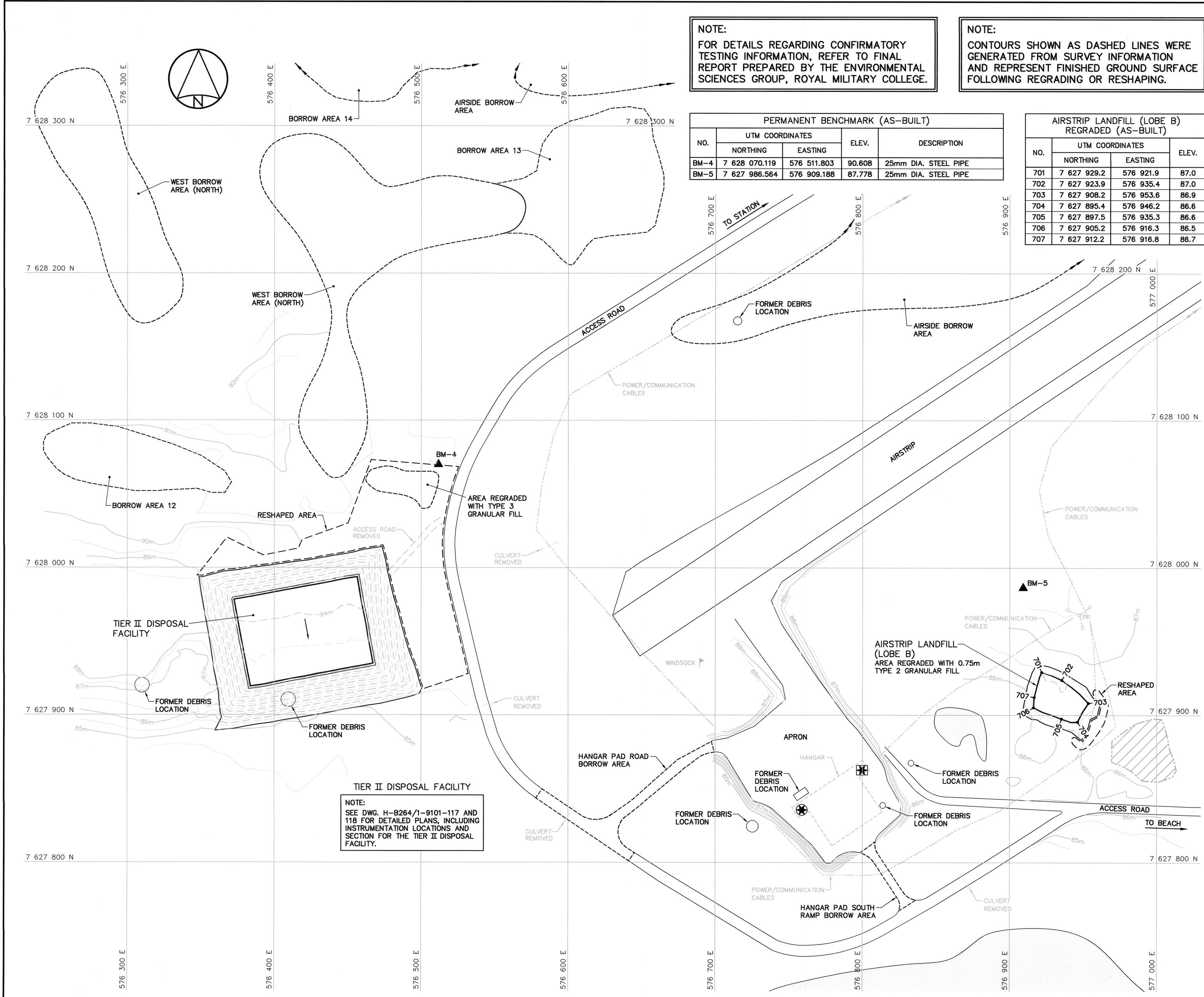
OLD CONSTRUCTION CAMP-EAST DEBRIS AREA (LOBE A) REGRADED (AS-BUILT)				
NO.	UTM COORDINATES			ELEV.
	NORTHING		EASTING	
540	7 629 042.8	577 458.6	108.0	
541	7 629 045.2	577 464.5	108.1	
542	7 629 042.7	577 467.1	108.1	
543	7 629 017.7	577 469.0	107.8	
544	7 629 017.2	577 458.1	107.9	
545	7 629 021.3	577 441.1	107.9	
546	7 629 028.5	577 444.4	108.1	

OLD CONSTRUCTION CAMP-EAST DEBRIS AREA (LOBE D) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
570	7 629 106.6	577 586.3	107.9
571	7 629 104.7	577 593.7	107.8
572	7 629 097.1	577 589.0	107.8
573	7 629 098.7	577 583.9	107.9
574	7 629 104.2	577 582.3	107.9

OLD CONSTRUCTION CAMP-EAST DEBRIS AREA (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
550	7 629 008.5	577 477.0	107.5
551	7 629 014.4	577 498.9	107.5
552	7 629 000.8	577 500.9	107.2
553	7 628 994.0	577 495.9	107.8
554	7 628 984.4	577 477.3	107.7
555	7 628 993.0	577 467.8	108.1
556	7 628 997.1	577 468.0	107.9

OLD CONSTRUCTION CAMP-EAST DEBRIS AREA (LOBE F) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
580	7 628 903.0	577 497.4	107.6
581	7 628 903.7	577 501.9	107.7
582	7 628 902.2	577 510.3	107.6
583	7 628 896.4	577 517.6	107.5
584	7 628 893.7	577 510.3	107.6
585	7 628 889.6	577 506.9	107.6
586	7 628 898.4	577 495.5	107.7

<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> National Defence </div> <div style="text-align: center;"> Défense nationale </div> </div>																	
Headquarters Quartier général																	
General Notes: <ol style="list-style-type: none"> 1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM. 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. 3. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121. 																	
Legend: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center; vertical-align: middle;"> </td> <td>SURVEY CONTROL MONUMENT</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>PERMANENT BENCHMARK LOCATION (1)</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>COORDINATE POINT</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>FORMER UTILITY POLE</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>FORMER BUILDING, STRUCTURE OR TANK LOCATION</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> </td> <td>BODY OF WATER</td> </tr> </table>					SURVEY CONTROL MONUMENT		PERMANENT BENCHMARK LOCATION (1)		COORDINATE POINT		FORMER UTILITY POLE		FORMER BUILDING, STRUCTURE OR TANK LOCATION		COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION		BODY OF WATER
	SURVEY CONTROL MONUMENT																
	PERMANENT BENCHMARK LOCATION (1)																
	COORDINATE POINT																
	FORMER UTILITY POLE																
	FORMER BUILDING, STRUCTURE OR TANK LOCATION																
	COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION																
	BODY OF WATER																
0	13-03-18	AS-BUILT DRAWING	RRM														
No.	DATE	REVISION	APPR.														
		<div style="text-align: center;"> PERMIT TO PRACTICE AECOM Canada Ltd. Signature: Date: <u>Mar 18/13</u> PERMIT NUMBER: P639 NWT/NU Association of Professional Engineers and Geoscientists </div>															
SCALE - ECHELLE 20 10 0 20 40 60m 																	
PROJECT - PROJET PIN-4 BYRON BAY																	
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TRADE - MÉTIER		SITING	DATE 2006-09-15														
SUBJECT - SUJET																	
STATION AREA SITE PLAN																	
PRODUCTION		CONCURRENCE - ASSENTIMENT															
DESIGNED ÉTUDE <i>TME/BWF</i>			DES OFF AGENT CONCEPT														
DRAWN DESSINE <i>CAE</i>			SECT HD CHEF SECT														
CHECKED VÉRIFIÉ <i>RRM</i>			DES MGR GEST CONCEPT														
COORDINATION <i>SMS</i>		REVIEWED - REVU															
DWG. NO. - DESSIN NO. H-B264/1-9101-107																	




NOTE:
FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE.


NOTE:
CONTOURS SHOWN AS DASHED LINES WERE GENERATED FROM SURVEY INFORMATION AND REPRESENT FINISHED GROUND SURFACE FOLLOWING REGRADING OR RESHAPING.

PERMANENT BENCHMARK (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-4	7 628 070.119	576 511.803	90.608	25mm DIA. STEEL PIPE
BM-5	7 627 986.564	576 909.188	87.778	25mm DIA. STEEL PIPE

AIRSTRIp LANDFILL (LOBE B) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
701	7 627 929.2	576 921.9	87.0
702	7 627 923.9	576 935.4	87.0
703	7 627 908.2	576 953.6	86.9
704	7 627 895.4	576 946.2	86.6
705	7 627 897.5	576 935.3	86.6
706	7 627 905.2	576 916.3	86.5
707	7 627 912.2	576 916.8	86.7



National
Défense



Défense
nationale

Headquarters
Quartier général

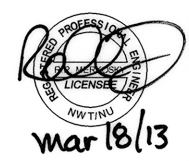
General Notes:

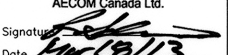
- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.



Legend:

- ▲ BM-4 PERMANENT BENCHMARK LOCATION (2)
- COORDINATE POINT
- ⊕ APPROXIMATE LOCATION OF PROJECT COMMEMORATIVE PLAQUE
- ⊕ APPROXIMATE LOCATION OF CONTRACTORS COMMEMORATIVE PLAQUE
- PP FORMER UTILITY POLE
- FORMER BUILDING, STRUCTURE OR TANK LOCATION
- ▨ COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION
- BODY OF WATER

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	APPR.



PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: 
Date: 14/03/13
PERMIT NUMBER: P639
NWT/NU Association of Professional Engineers and Geoscientists



SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER SITING DATE 2006-09-15

SUBJECT - SUJET

AIRSTRIp AREA
SITE PLAN

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE TME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE CAE	SECT HD CHEF SECT
CHECKED VERIFIE RRM	DES MGR GEST CONCEPT
COORDINATION S/MS	REVIEWED - REVU

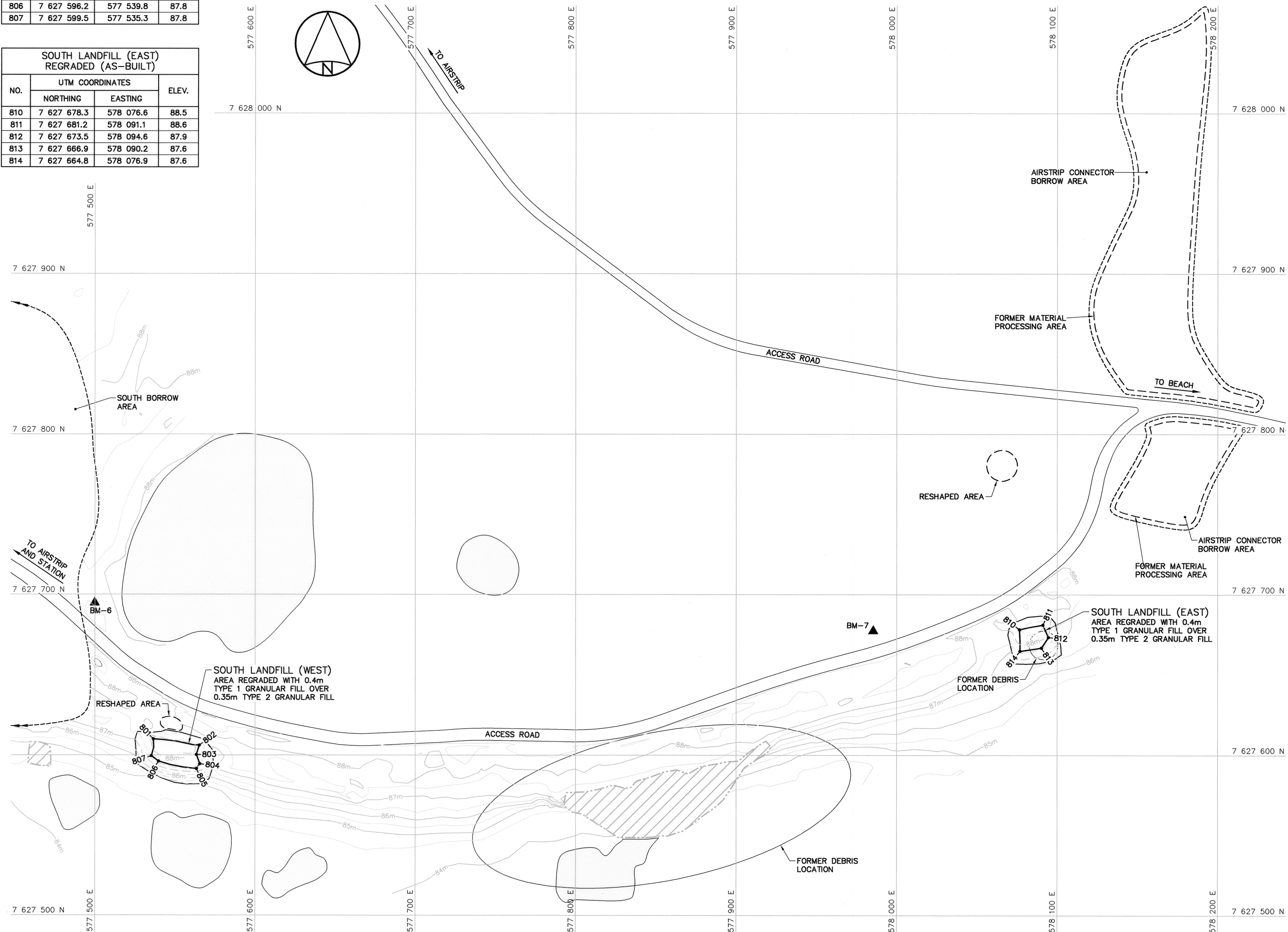
DWG. NO. - DESSIN NO.
H-B264/1-9101-109

Canada

SOUTH LANDFILL (EAST) REGRADED (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
810	7 627 678.3	578 076.6	88.5
811	7 627 681.2	578 091.1	88.6
812	7 627 673.5	578 094.6	87.9
813	7 627 666.9	578 090.2	87.6
814	7 627 664.8	578 076.9	87.6





NOTE:
FOR DETAILS REGARDING CONFIRMATORY
TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE
GENERATED FROM SURVEY INFORMATION
AND REPRESENT FINISHED GROUND SURFACE
FOLLOWING REGRADING OR RESHAPING.

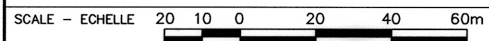
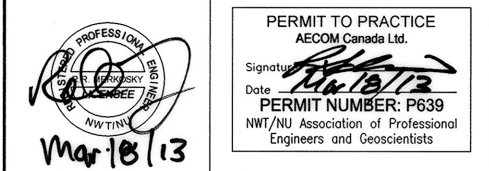


- General Notes:**
1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

	BM-6	PERMANENT BENCHMARK LOCATION (2)
	801	COORDINATE POINT
		COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION
		BODY OF WATER

0	13-03-18	AS-BUILT DRAWING		RRM
No.	DATE	REVISION	REVISION	APPR



PROJECT - PROJECT
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - METIER	SITING	DATE
		2006-09-15

SUBJECT - SUJET

**SOUTH LANDFILL AREA
SITE PLAN**

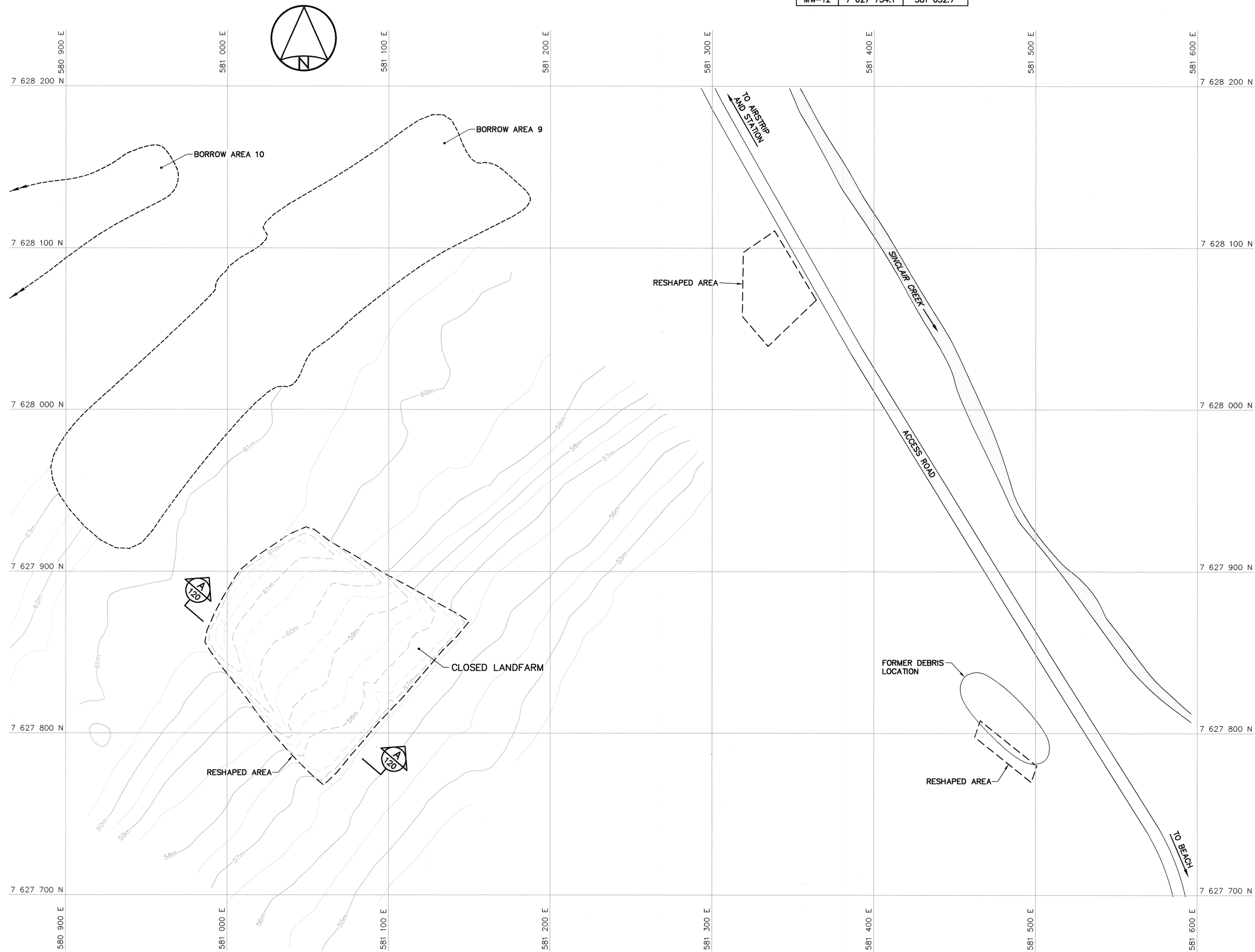
PRODUCTION	CONCURRENCE - ASSESSMENT	
DESIGNED ETUDIE <i>TME/BWF</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE <i>CAE</i>		SECT HD CHEF SECT
CHECKED VERIFIE <i>RRM</i>		DES MGR GEST CONCEPT
COORDINATION <i>SMS</i>	REVIEWED - REVU	

DWG. NO. — DESSIN NO.
H-B264/1-9101-110

NOTE:
FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE GENERATED FROM SURVEY INFORMATION AND REPRESENT FINISHED GROUND SURFACE FOLLOWING REGRADING OR RESHAPING.

LANDFARM MONITORING WELLS REMOVED		
NO.	UTM COORDINATES	
	NORTHING	EASTING
MW-09	7 627 934.3	580 984.7
MW-10	7 627 869.4	581 169.1
MW-11	7 627 803.3	581 132.4
MW-12	7 627 734.1	581 052.7



- General Notes:
1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:

BODY OF WATER

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	APPR.

PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature:
Date:
PERMIT NUMBER: P639
NWT/NW Association of Professional Engineers and Geoscientists

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
PIN-4 BYRON BAY

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TRADE - METIER SITING DATE 2009-08-19

SUBJECT - SUJET
LANDFARM AREA
SITE PLAN

PRODUCTION		CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE	BHN/RRM	DES OFF AGENT CONCEPT	
DRAWN DESSINE	BHN	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION	SMS	REVIEWED - REVU	

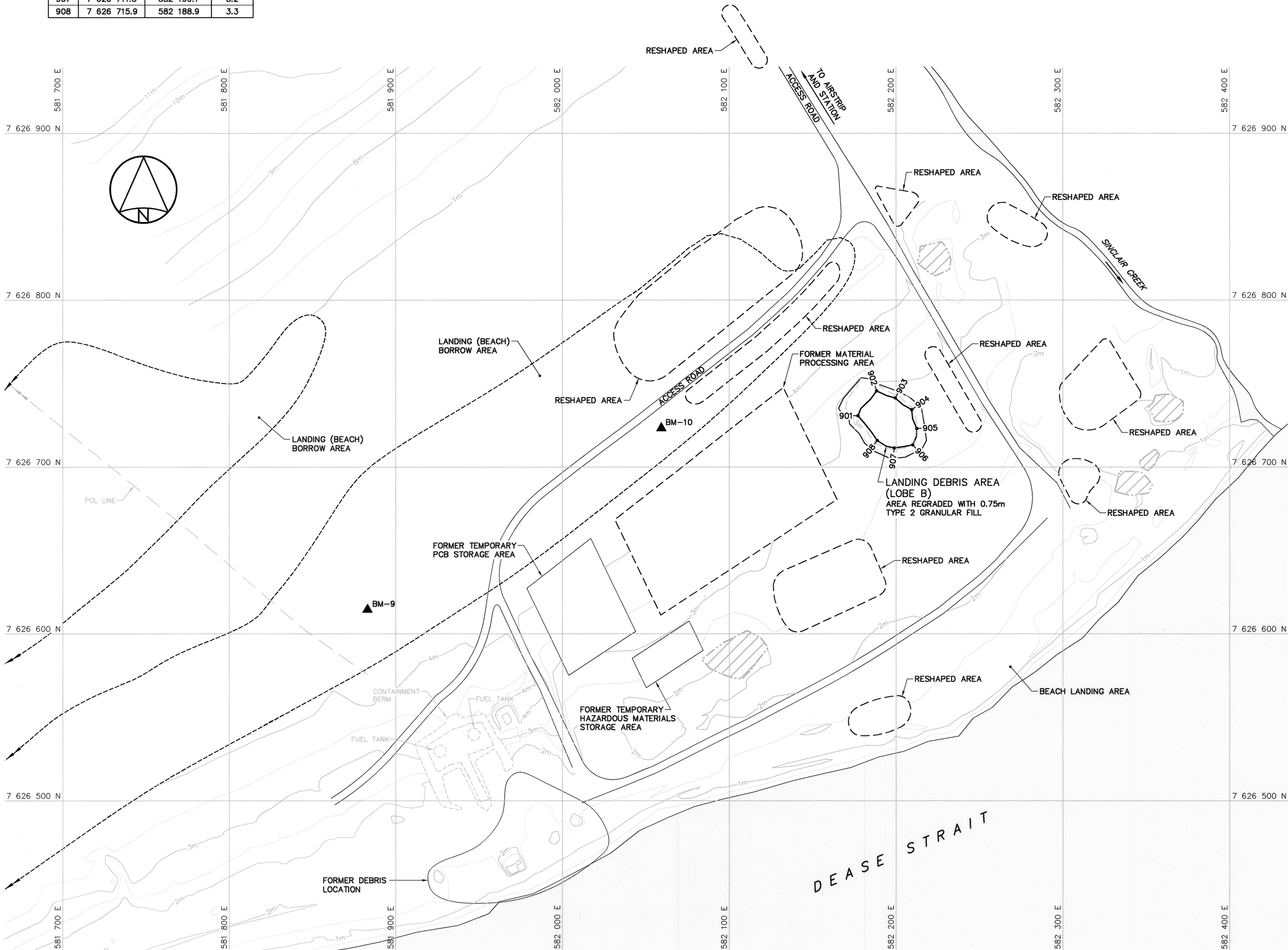
DWG. NO. - DESSIN NO.
H-B264/1-9101-111

LANDING DEBRIS AREA (LOBE B) REGRADED (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	
	NORTHING	EASTING		
901	7 626 730.8	582 177.3	3.5	
902	7 626 745.6	582 188.4	3.3	
903	7 626 741.4	582 199.7	3.3	
904	7 626 734.4	582 209.5	3.2	
905	7 626 723.1	582 212.6	3.0	
906	7 626 713.3	582 210.1	3.0	
907	7 626 711.5	582 199.1	3.2	
908	7 626 715.9	582 188.9	3.3	

PERMANENT BENCHMARK (AS-BUILT)				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-9	7 626 614.590	581 883.025	4.443	25mm DIA. STEEL PIPE
BM-10	7 626 723.366	582 059.396	4.064	25mm DIA. STEEL PIPE

NOTE:
FOR DETAILS REGARDING CONFIRMATORY
TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE
GENERATED FROM SURVEY INFORMATION
AND REPRESENT FINISHED GROUND SURFACE
FOLLOWING REGRAIDING OR RESHAPING.



National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

▲ BM-9

PERMANENT BENCHMARK LOCATION (2)

● 901

COORDINATE POINT

□

FORMER BUILDING, STRUCTURE OR TANK LOCATION

▨

COMPLETED LANDFILL OR BURIED DEBRIS EXCAVATION

○

BODY OF WATER

0 13-03-18 AS-BUILT DRAWING RRM

No. DATE REVISION REVISION APPR.

PROFESSIONAL ENGINEER

Mar 18/13

PERMIT TO PRACTICE

AECOM Canada Ltd.

Signature: [Signature]

Date: [Date]

PERMIT NUMBER: P639

NWT/NU Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET

PIN-4 BYRON BAY

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TRADE - METIER SITING DATE 2006-09-15

SUBJECT - SUJET

BEACH AREA
SITE PLAN

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE TME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE RRM

DES MGR
GEST CONCEPT




COORDINATION
SMS


REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-B264/1-9101-112

Canada

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-B264/1-9101-121.

 1001 COORDINATE POINT
 MW-05 MONITORING WELL LOCATION (3)
 MW-08 BACKGROUND MONITORING WELL LOCATION (1)



The image shows a professional engineer's seal and a permit to practice card. The seal on the left is circular with "REGISTERED PROFESSIONAL ENGINEER" around the top and "NWT/NTNU" around the bottom. In the center, "PROFESSIONAL" is written above "DECEASED". A large handwritten "X" is drawn over the seal. Below the seal, the date "Mar 18/13" is handwritten. To the right is a "PERMIT TO PRACTICE" card from AECOM Canada Ltd. It contains a signature, the date "Mar 18/13", the permit number "P639", and the text "NWT/NU Association of Professional Engineers and Geoscientists".

HATCH

PROJECT - PROJET

PROJECT - PROJCT
PIN-4 BYRON BAY

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SUBJECT - SUJET

NON-HAZARDOUS WASTE LANDFILL BERM CONSTRUCTION AND FINAL GRADING PLANS

DWG. NO. - DESSIN NO.
H-B264/1-9101-115

DWG. NO. - DESSIN NO.
H-B264/1-9101-115

Canada



NON-HAZARDOUS WASTE LANDFILL BERM CONSTRUCTION (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
1001	7 628 942.9	577 219.3	106.6
1002	7 628 915.8	577 281.4	107.7
1003	7 628 912.2	577 281.3	107.7
1004	7 628 855.8	577 254.8	107.8
1005	7 628 885.6	577 194.6	106.6
1006	7 628 889.0	577 193.7	106.5

NOTE:
COORDINATE POINTS AND ELEVATIONS PROVIDED ARE TO THE FINAL GRADE OF THE TYPE 2 GRANULAR FILL CAP PRIOR TO THE PLACEMENT OF THE TYPE 1 GRANULAR FILL ON THE SIDE SLOPES AND ORGANIC MATERIAL ON THE PLATEAU.

NOTE:
FOR DETAILS REGARDING CONFIRMATORY
TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE.



NON-HAZARDOUS WASTE LANDFILL MONITORING WELLS (AS-BUILT)				
NO.	UTM COORDINATES			ELEV.
	NORTHING	EASTING		
MW-05	7 628 915.1	577 296.1		107.9
MW-06	7 628 826.1	577 230.7		104.7
MW-07	7 628 874.6	577 163.2		103.7
MW-08	7 628 954.4	577 191.4		103.6

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE
GENERATED FROM SURVEY INFORMATION
AND REPRESENT FINISHED GROUND SURFACE
FOLLOWING REGRADING OR RESHAPING.

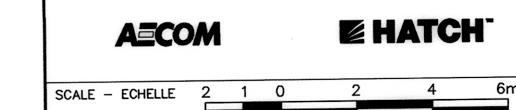
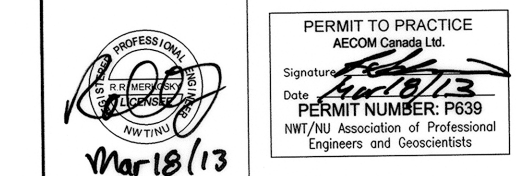
General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:

- GENERATED BASED ON AS-BUILT SURVEY INFORMATION
- CONSTRUCTED AS PER DESIGN, NO AS-BUILT SURVEY INFORMATION

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	APPR.



PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - MÉTIER
SITING

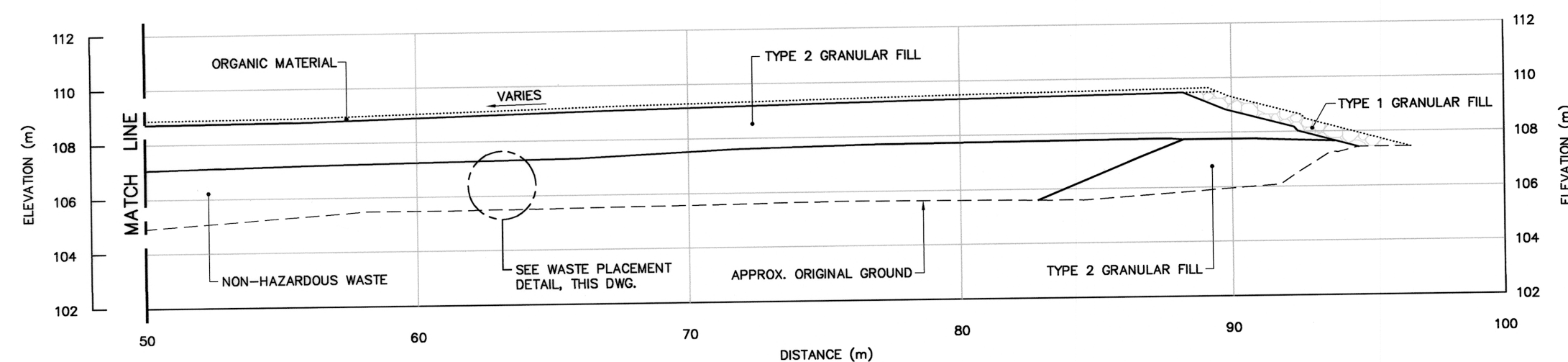
SUBJECT - SUJET
2006-09-15

NON-HAZARDOUS WASTE LANDFILL
CROSS SECTIONS AND DETAIL

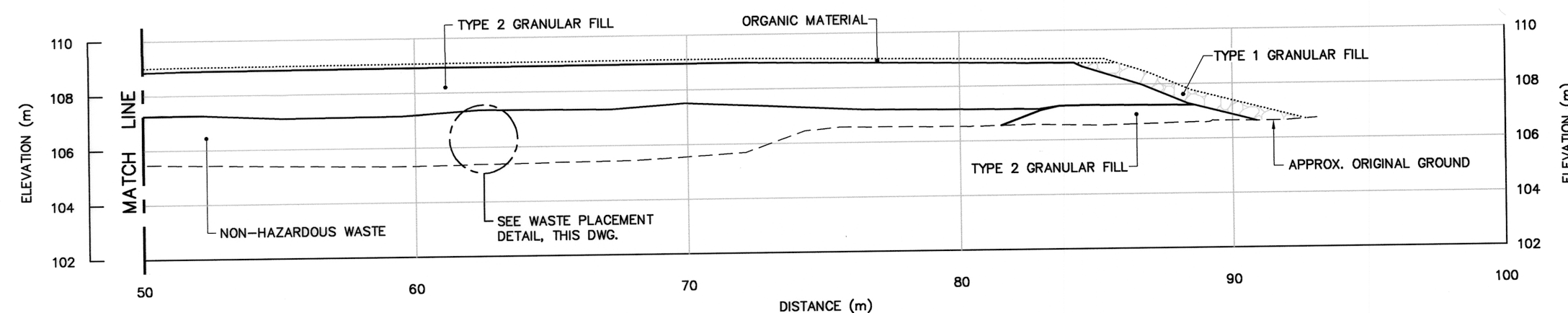
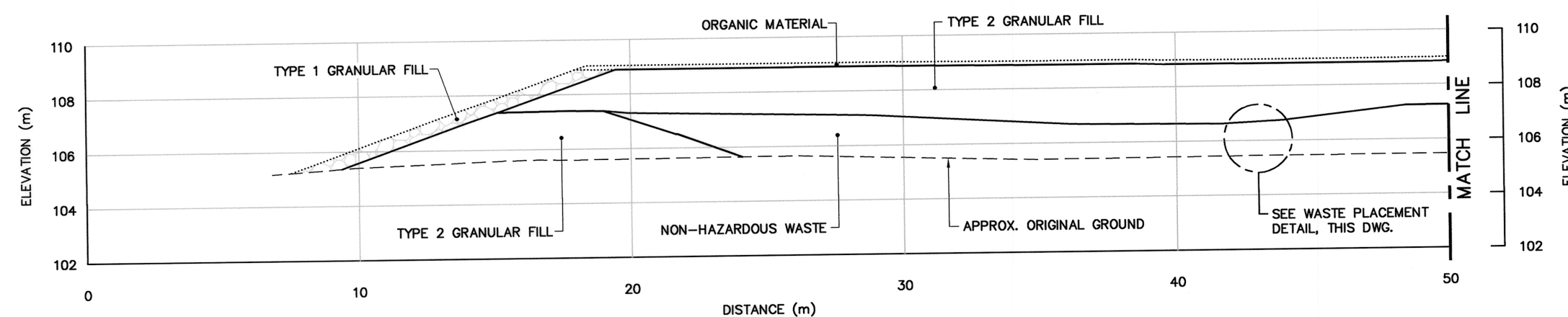
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE TME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE CAE	SECT HD CHEF SECT
CHECKED VERIFIÉ RRM	DES MGR GEST CONCEPT
COORDINATION SMS	REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-8264/1-9101-116

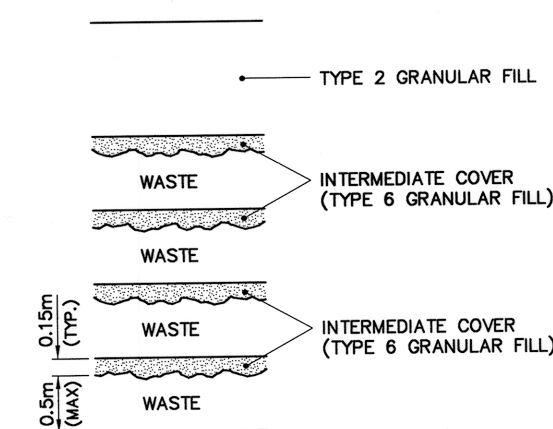
Canada



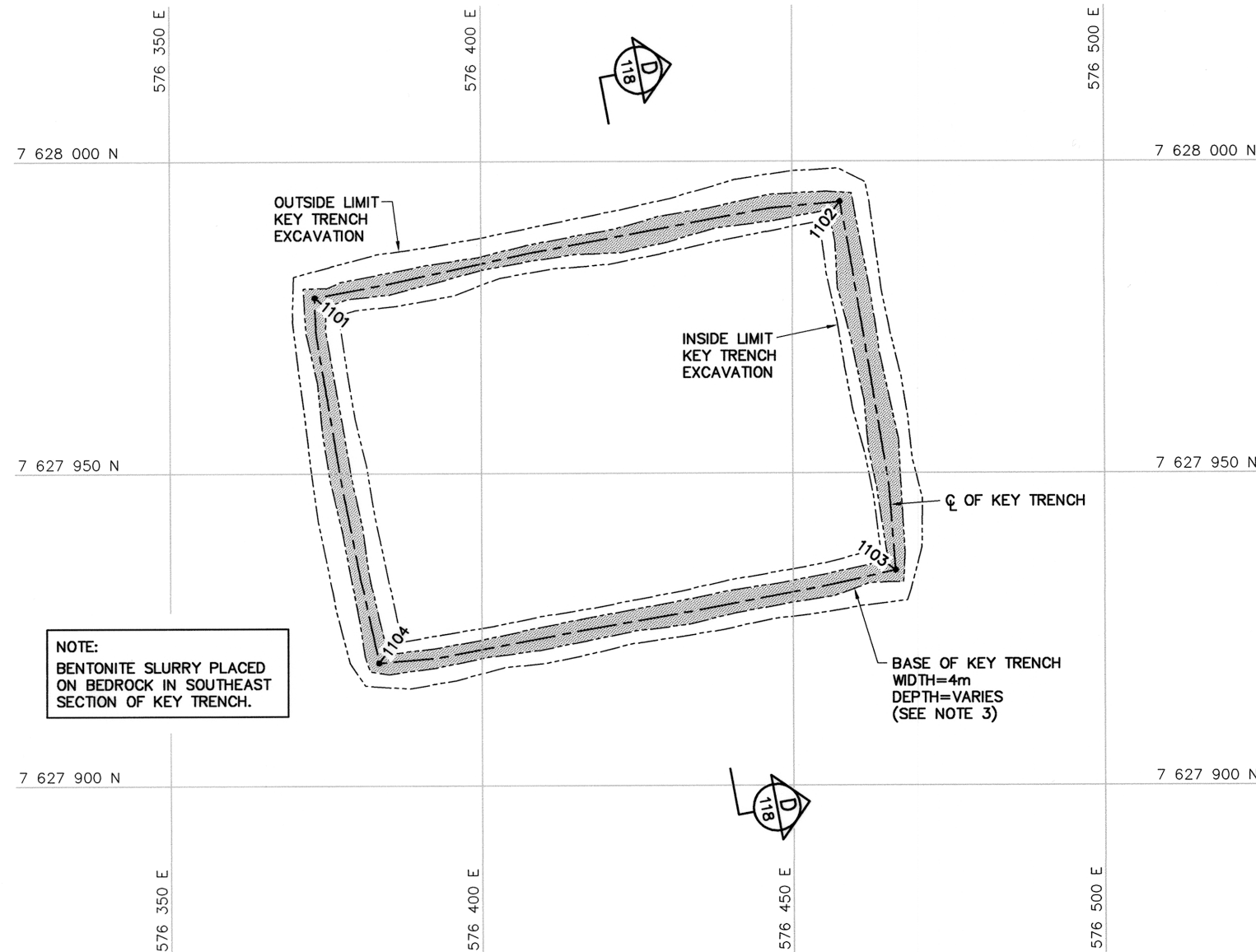
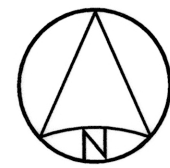
SECTION B
115



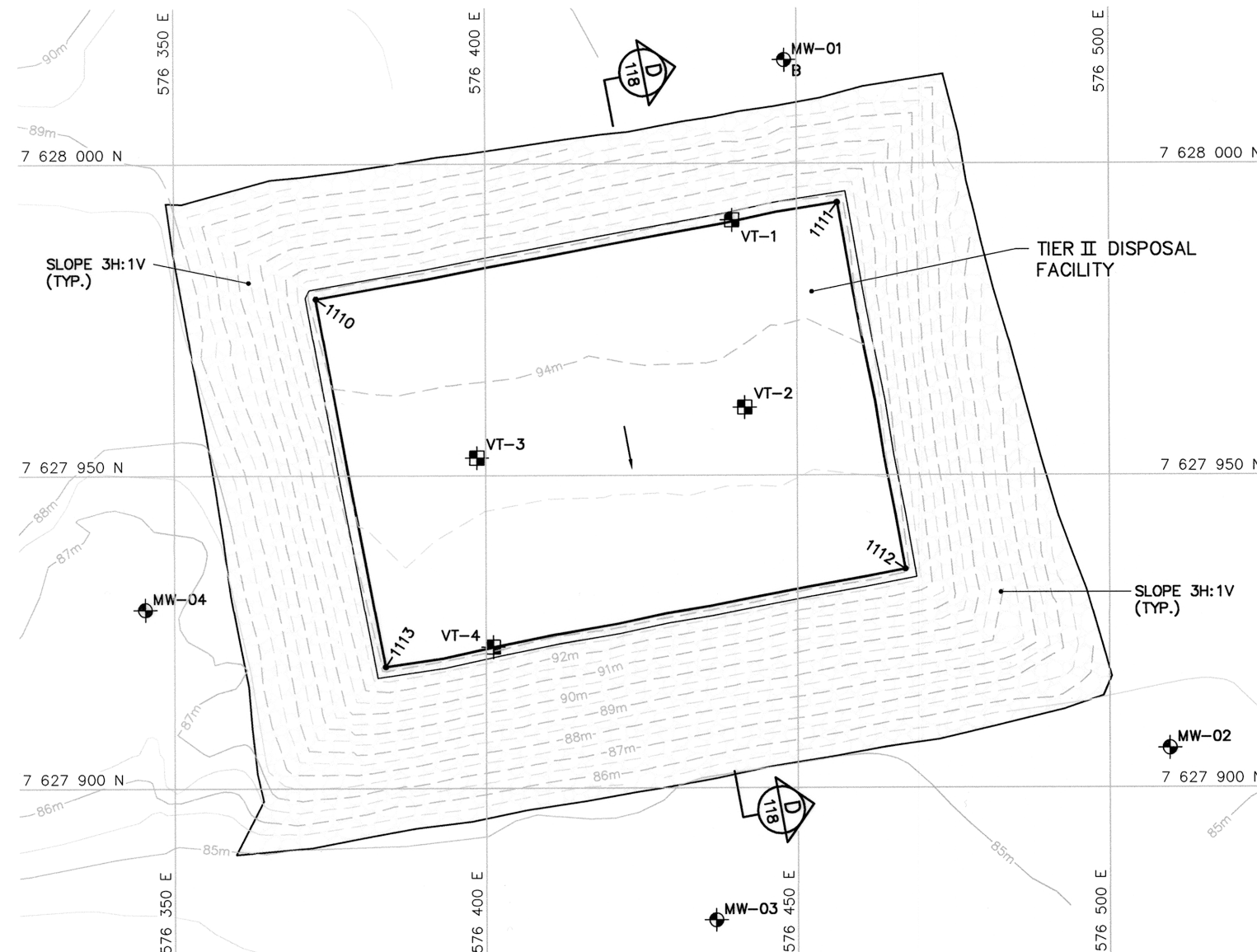
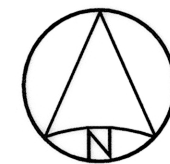
SECTION C
115



WASTE PLACEMENT DETAIL
SCALE: NTS



KEY TRENCH EXCAVATION PLAN



FINAL GRADING/INSTRUMENTATION PLAN

TIER II DISPOSAL FACILITY KEY TRENCH EXCAVATION (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
1101	7 627 978.3	576 373.3	87.0
1102	7 627 993.6	576 457.7	87.5
1103	7 627 934.5	576 466.5	85.2
1104	7 627 919.7	576 383.5	85.7

NOTE:
FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE.

NOTE:
CONTOURS SHOWN AS DASHED LINES WERE GENERATED FROM SURVEY INFORMATION AND REPRESENT FINISHED GROUND SURFACE FOLLOWING REGRADING OR RESHAPING.

TIER II DISPOSAL FACILITY FINAL GRADING (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
1110	7 627 978.4	576 372.9	94.4
1111	7 627 993.8	576 456.5	94.2
1112	7 627 935.0	576 467.3	93.2
1113	7 627 919.4	576 383.9	93.2

NOTE:
COORDINATE POINTS AND ELEVATIONS PROVIDED ARE TO THE FINAL GRADE OF THE TYPE 2 GRANULAR FILL CAP PRIOR TO THE PLACEMENT OF THE TYPE 1 GRANULAR FILL ON THE SIDE SLOPES AND ORGANIC MATERIAL ON THE PLATEAU.

TIER II DISPOSAL FACILITY MONITORING WELLS (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
MW-01	7 628 016.6	576 448.1	89.8
MW-02	7 627 906.3	576 509.7	85.2
MW-03	7 627 878.8	576 436.9	84.7
MW-04	7 627 928.6	576 345.4	86.8

TIER II DISPOSAL FACILITY GROUND TEMPERATURE CABLES (AS-BUILT)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
VT-1	7 627 991.0	576 439.6	94.4
VT-2	7 627 960.9	576 441.6	93.9
VT-3	7 627 952.9	576 398.7	93.8
VT-4	7 627 922.6	576 401.2	93.3

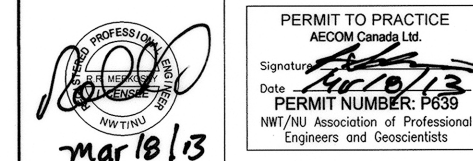
General Notes:

- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- KEY TRENCH WAS EXCAVATED TO SATURATED GROUND OR ICE SATURATED PERMAFROST. EXCAVATION DEPTH WAS FIELD CONFIRMED BY THE SITE ENGINEER.
- FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-B264/1-9101-121.
- FOR GROUND TEMPERATURE CABLE INSTALLATION DETAIL, SEE DWG. H-B264/1-9101-121.

Legend:

- 1101 COORDINATE POINT
- MW-02 MONITORING WELL LOCATION (3)
- MW-01 BACKGROUND MONITORING WELL LOCATION (1)
- VT-1 GROUND TEMPERATURE CABLE LOCATION (4)

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



AECOM HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE
2006-09-15

SUBJECT - SUJET
TIER II DISPOSAL FACILITY
KEY TRENCH EXCAVATION PLAN &
GRADING/INSTRUMENTATION PLAN

PRODUCTION		CONCURRENCE - ASSENTMENT	
DESIGNED ETUDIE	TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION	SMS	REVIEWED - REVU	

DWG. NO. - DESSIN NO.
H-B264/1-9101-117

Canada

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH WAS EXCAVATED TO SATURATED GROUND OR ICE SATURATED PERMAFROST. EXCAVATION DEPTH WAS FIELD CONFIRMED BY THE SITE ENGINEER.

Legend:

- GENERATED BASED ON AS-BUILT SURVEY INFORMATION
- CONSTRUCTED AS PER DESIGN, NO AS-BUILT SURVEY INFORMATION

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	APPR.

PROFESSIONAL ENGINEER
NWT/NT Association of Professional Engineers and Geoscientists

PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: [Signature]
Date: 4/18/13
PERMIT NUMBER: P639
NWT/NT Association of Professional Engineers and Geoscientists

mar 18/13

AECOM HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2006-09-15

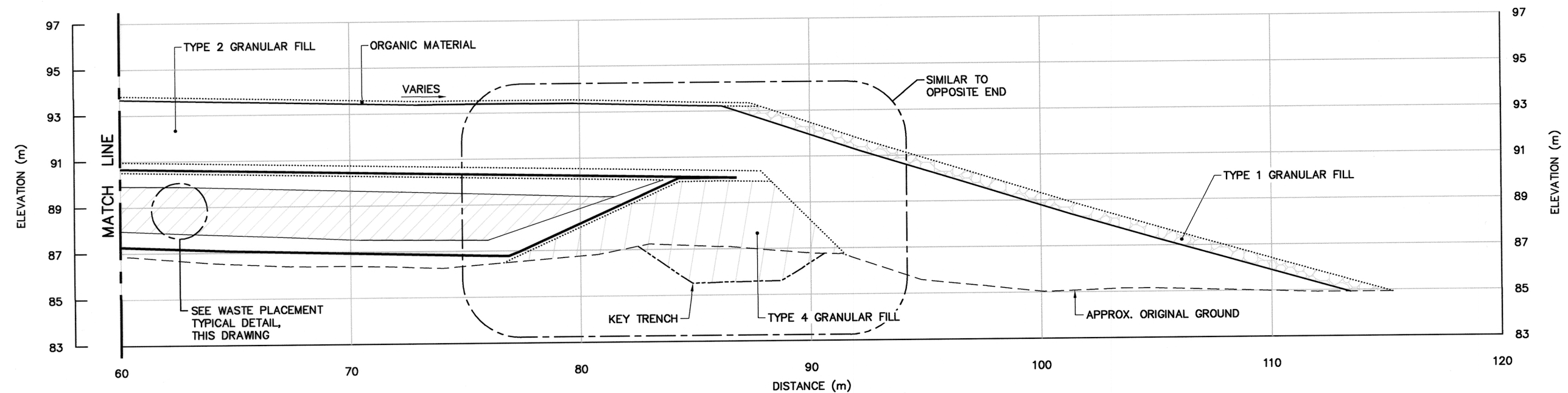
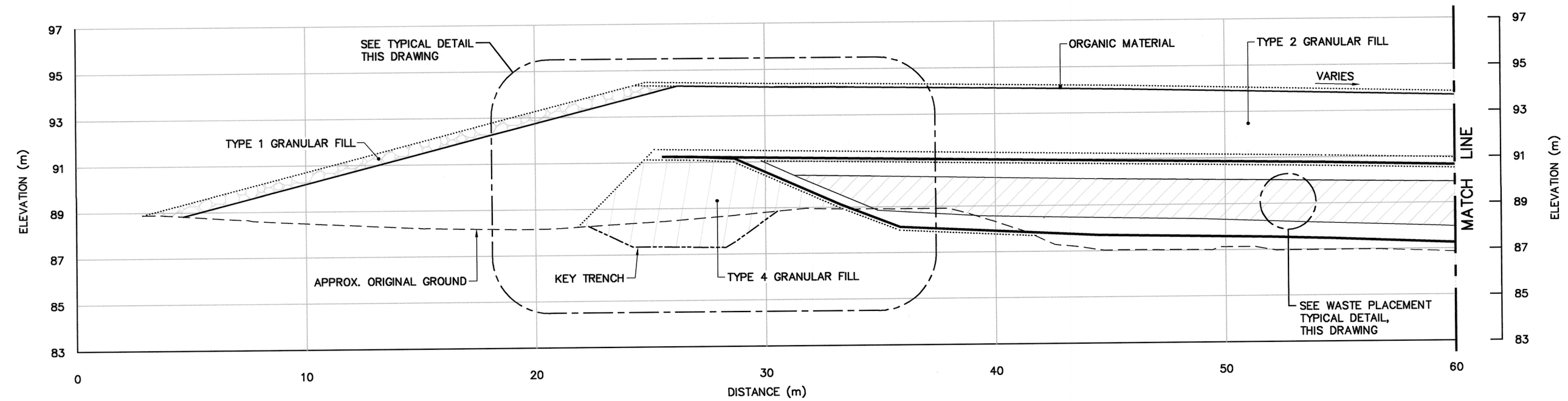
SUBJECT - SUJET

TIER II DISPOSAL FACILITY
CROSS SECTION AND DETAIL

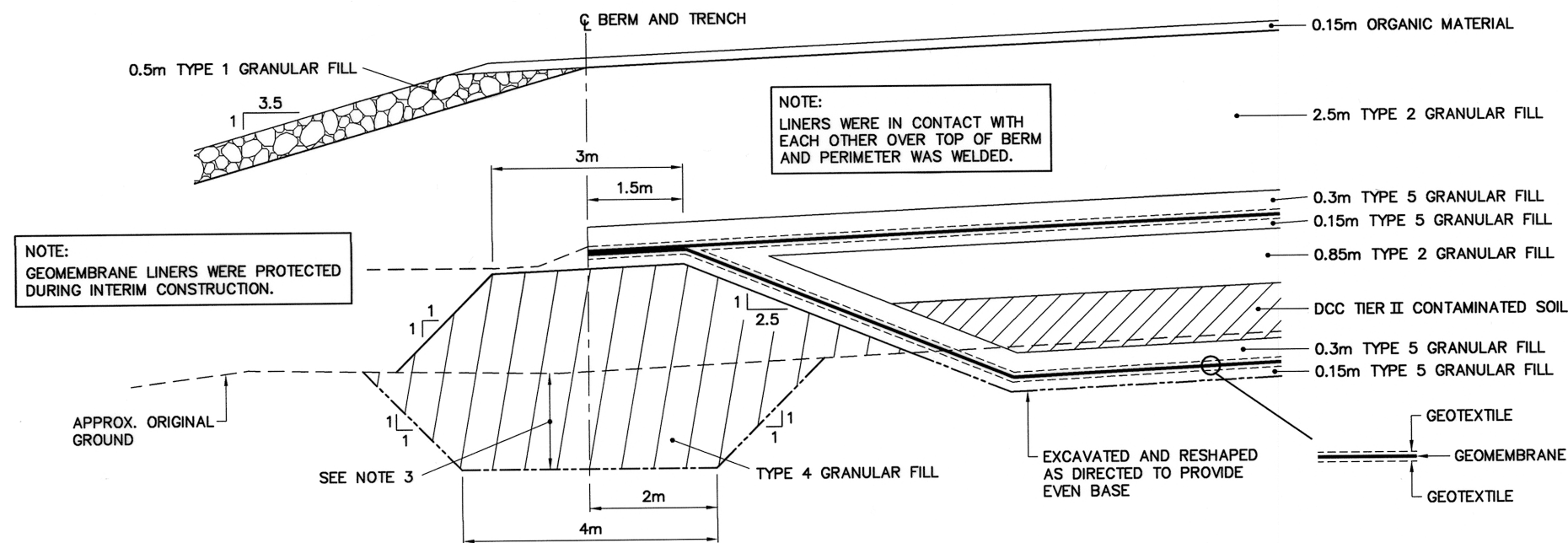
DESIGNED ETUDIE	TIME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE	CAE	SECT HD CHIEF SECT
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT
COORDINATION SMS		REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-B264/1-9101-118

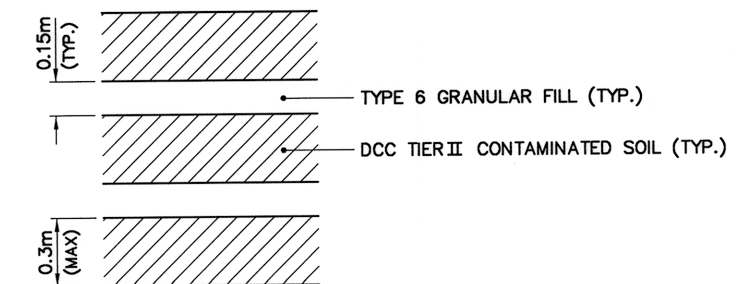
Canada



SECTION D
117



TYPICAL DETAIL
SCALE: NTS



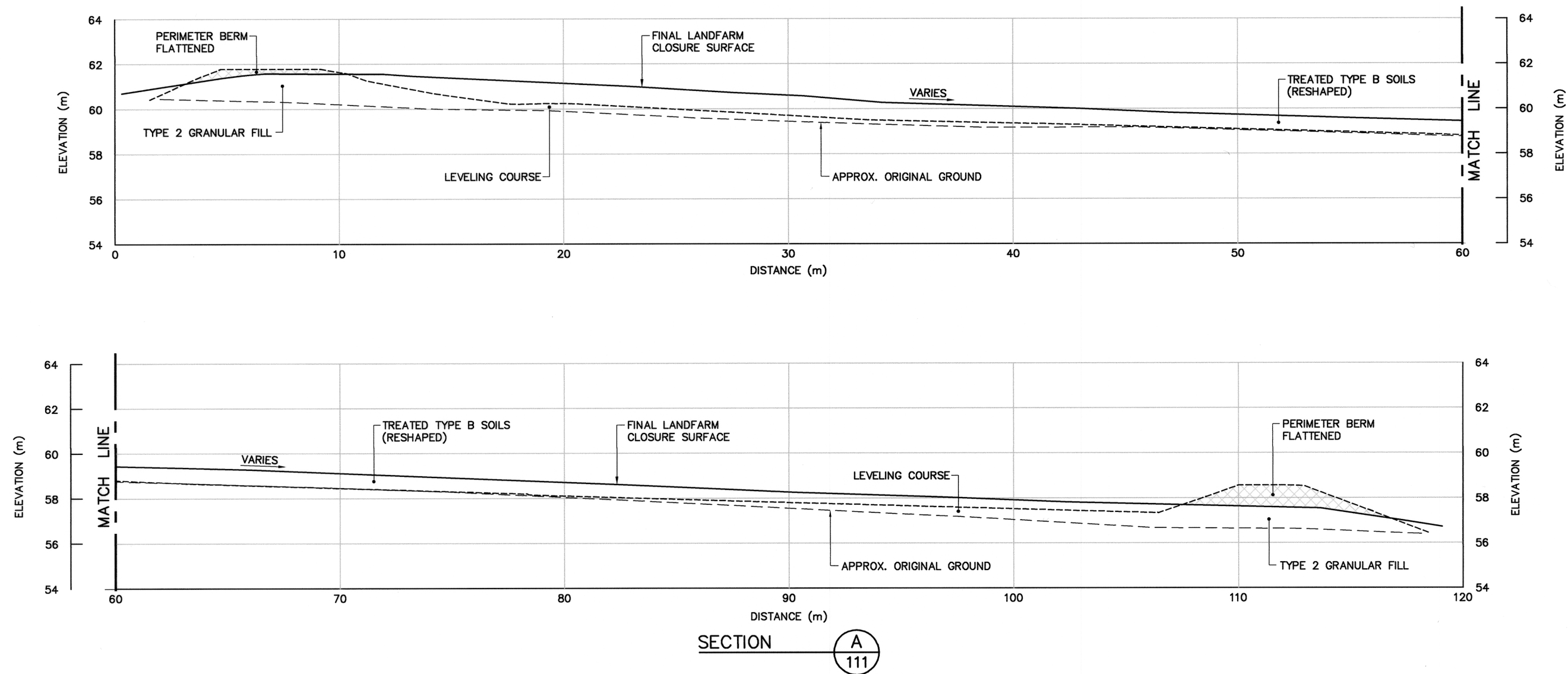
WASTE PLACEMENT TYPICAL DETAIL
SCALE: NTS

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 12N. ALL ELEVATIONS REFER TO GEODETIC DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:


_____ GENERATED BASED ON FINAL
 AS-BUILT SURVEY INFORMATION
 ----- GENERATED BASED ON INTERMEDIATE
 AS-BUILT SURVEY INFORMATION



NOTE:
LANDFARM LINER SYSTEM WAS REMOVED
TO A MINIMUM DEPTH OF 0.3m BELOW
FINAL CLOSURE SURFACE.

0	13-03-18	AS-BUILT DRAWING		RRM
No.	DATE	REVISION	REVISION	APPR



PERMIT TO PRACTICE
 AECOM Canada Ltd.
 Signature: 
 Date: 4/18/13
 PERMIT NUMBER: P639
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AECOM
HATCH

SCALE - ECHELLE AS SHOWN

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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TRADE - METIER SITING

DATE
2009-08-19

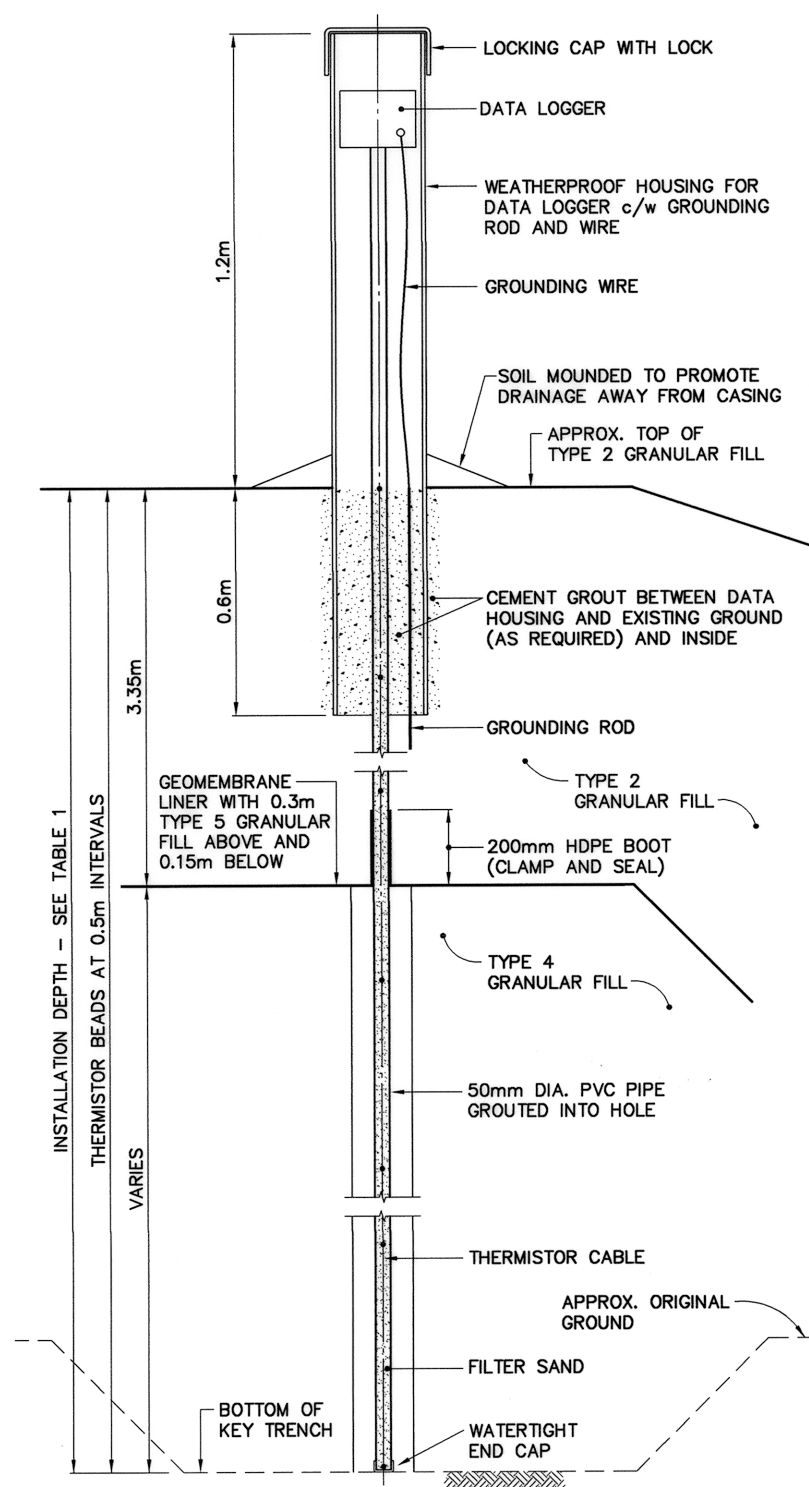
SUBJECT - SUJET

CLOSED LANDFARM
CROSS SECTION

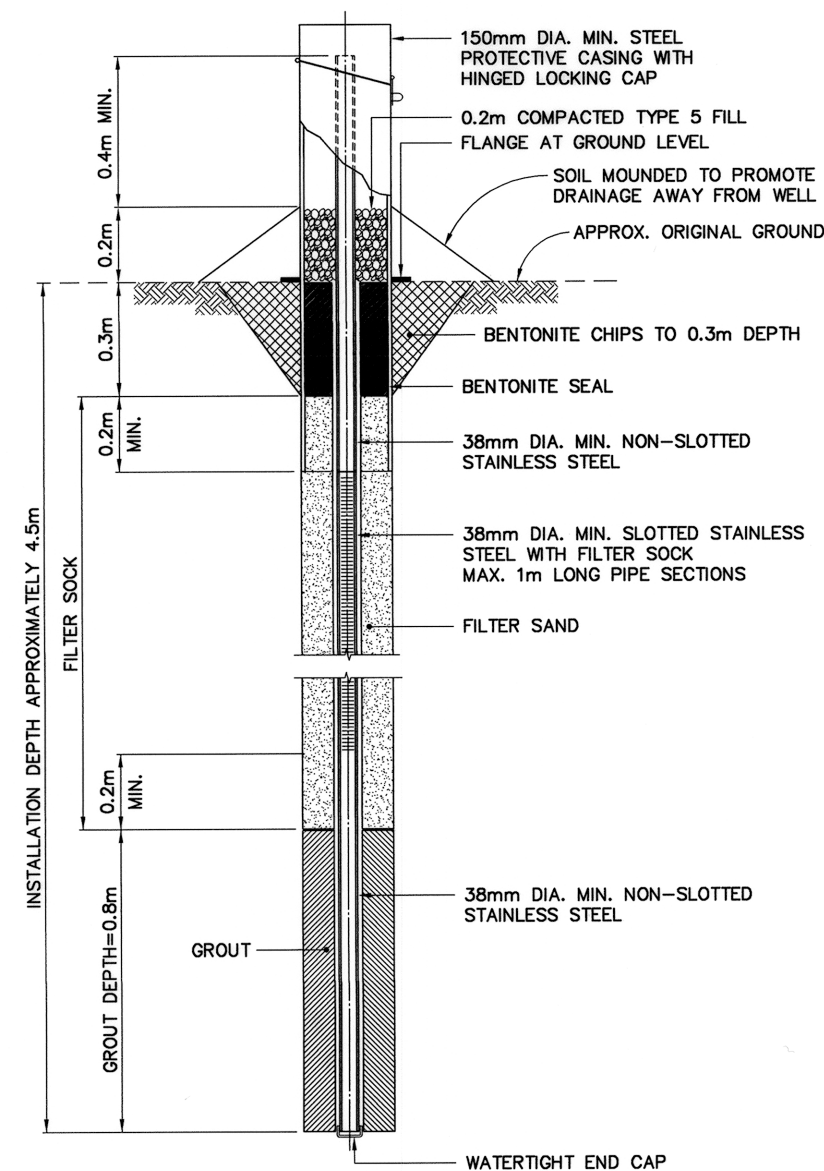
PRODUCTION	CONCURRENCE – ASSESSMENT	
DESIGNED ETUDIE <i>BHW/RRM</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE <i>BHW</i>		SECT HD CHEF SECT
CHECKED VERIFIE <i>RRM</i>		DES MGR GEST CONCEPT
COORDINATION <i>SMS</i>	REVIEWED – REVU	

DWG. NO. - DESSIN NO.
H-B264/1-9101-120

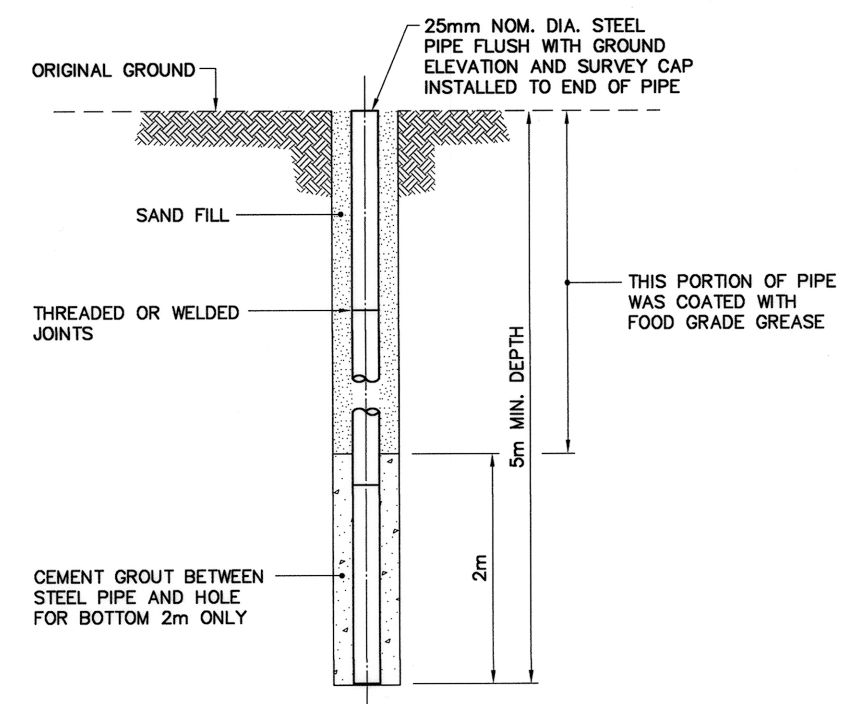
TABLE 1 GROUND TEMPERATURE CABLE INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
TIER II DISPOSAL FACILITY		
VT-1	6.39	INSTALLED THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-2	5.65	INSTALLED TO 1.0m ABOVE ELEVATION OF BOTTOM LINER
VT-3	4.96	INSTALLED TO 1.0m ABOVE ELEVATION OF BOTTOM LINER
VT-4	6.75	INSTALLED THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH



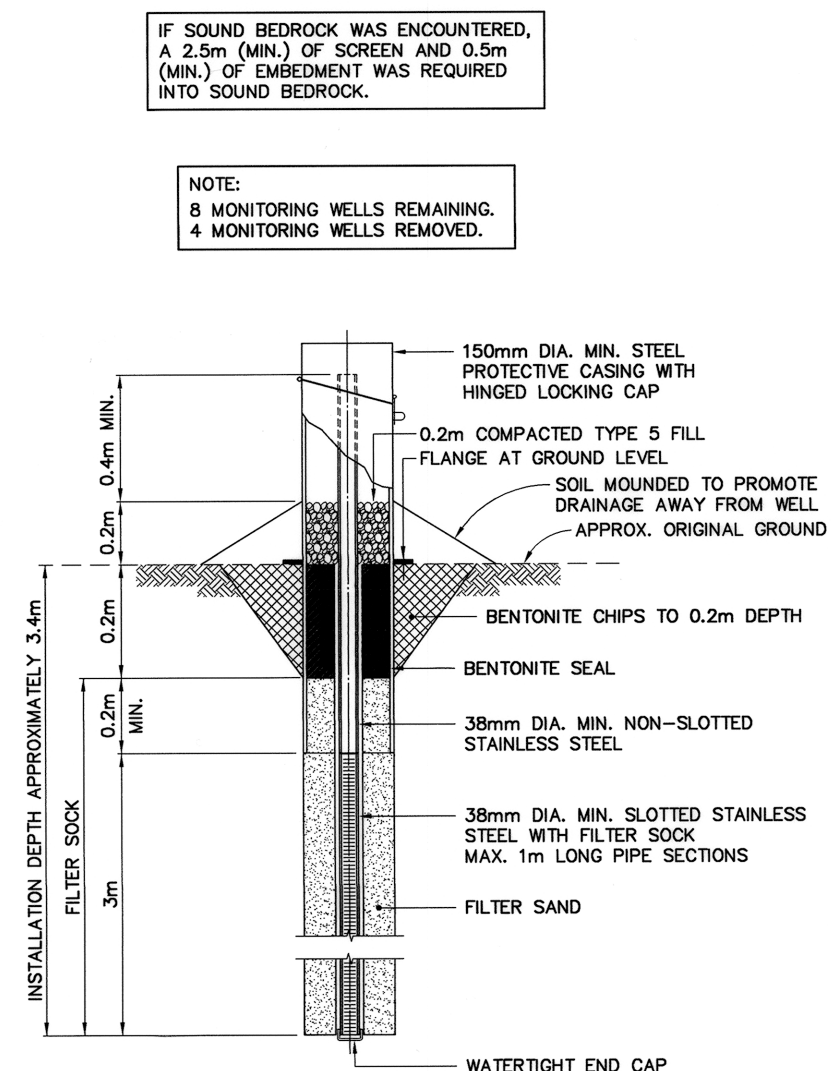
TYPICAL GROUND TEMPERATURE CABLE
SCALE: NTS



TYPICAL MONITORING WELL
SCALE: NTS
FOR BEDROCK DEPTH > 0.7m
INCLUDING TYPICAL BACKGROUND MONITORING WELL INSTALLATION



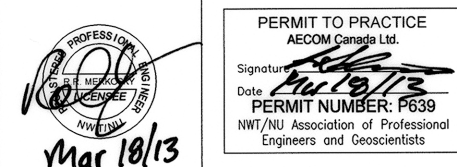
TYPICAL PERMANENT SURVEY CONTROL MONUMENT
SCALE: NTS
ALSO KNOWN AS PERMANENT BENCHMARK



TYPICAL MONITORING WELL
SCALE: NTS
FOR BEDROCK DEPTH < 0.7m
INCLUDING TYPICAL BACKGROUND MONITORING WELL INSTALLATION

- General Notes:
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. LOCATIONS OF INSTRUMENTATION ARE SHOWN ON THE DRAWINGS, INCLUDING COORDINATE TABLES.

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



AECOM HATCH

SCALE - ECHELLE AS SHOWN

PROJECT - PROJET
PIN-4 BYRON BAY

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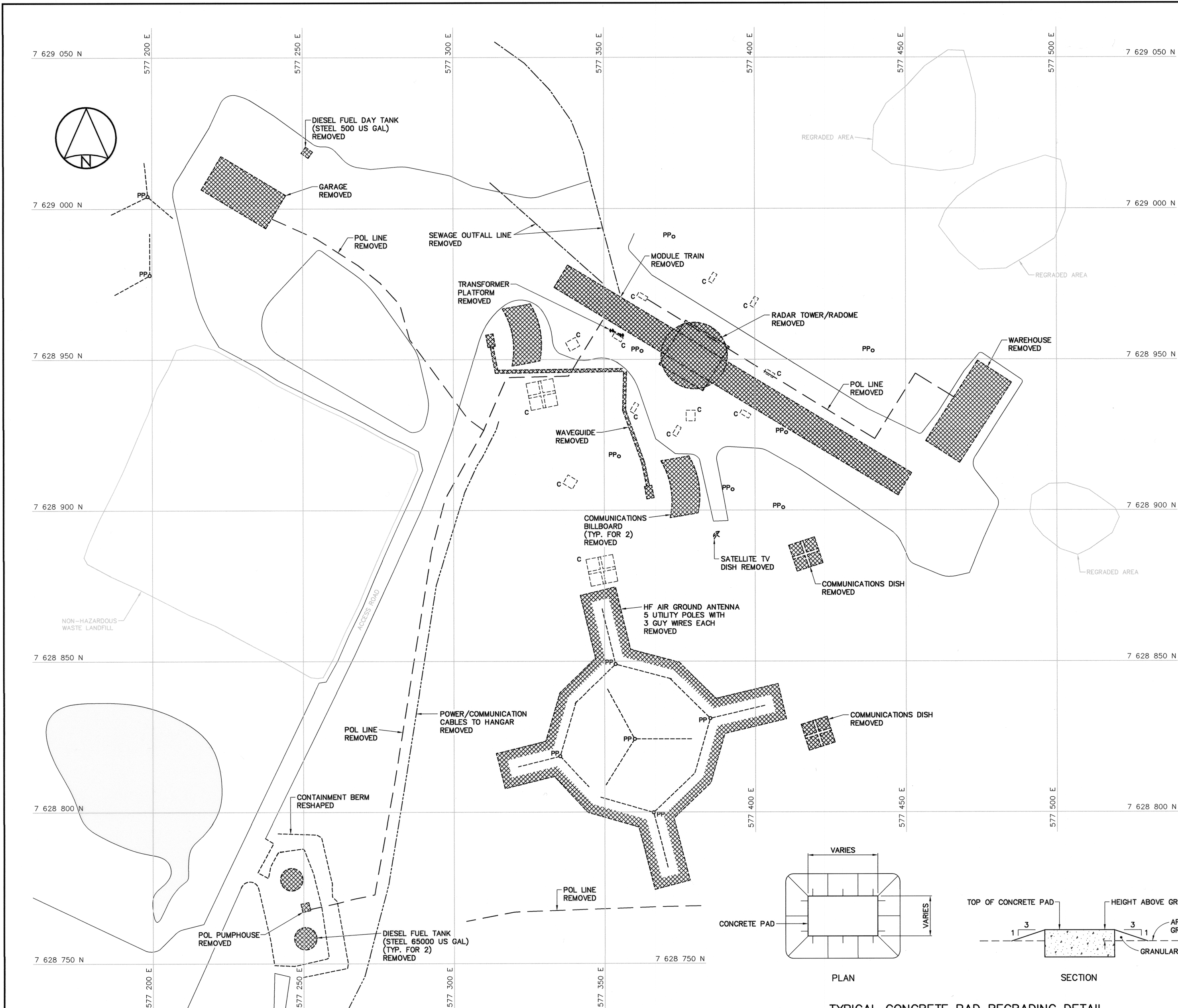
TRADE - METIER SITING DATE 2006-09-15

SUBJECT - SUJET
MISCELLANEOUS DETAILS
SHEET 1

DESIGNED ETUDIE	TIME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE	CAE	SECT HD CHEF SECT
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT
COORDINATION SMS		REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-B264/1-9101-121





Canada




General Notes:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL STRUCTURES DESIGNATED FOR DEMOLITION WERE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
3. ALL POLES, INCLUDING GUY WIRES, WERE REMOVED UNLESS NOTED OTHERWISE.
4. ALL ELECTRICAL CABLES AND POL LINES WERE REMOVED.
5. PIPELINES AND ANCILLARY EQUIPMENT REMOVED INCLUDED ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
6. ALL CULVERTS WERE REMOVED.
7. ALL CONCRETE PADS REMAINING WERE REGRADED, AS PER TYPICAL DETAIL, ON THIS DRAWING.
8. POL LINE AND POWER/COMMUNICATION CABLE LOCATIONS ARE APPROXIMATE ONLY. SOME ABOVE GROUND POL LINES AND CABLES THAT WERE REMOVED MAY NOT BE SHOWN.


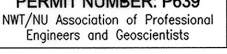
Legend:

-  DEMOLISHED
-  CONCRETE PAD REGRADED
-  UTILITY POLE REMOVED
-  BODY OF WATER

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



Mar 18/13

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AECOM Canada Ltd.
Signature: 
Date: 
PERMIT NUMBER: P639
NWT/NU Association of Professional Engineers and Geoscientists

AECOM **HATCH**

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
PIN-4 BYRON BAY

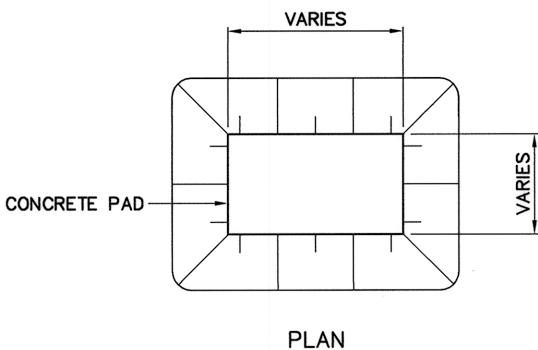
DEW LINE CLEAN UP
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TRADE - METIER **STRUCTURAL** DATE **2006-09-15**
SUBJECT - SUJET

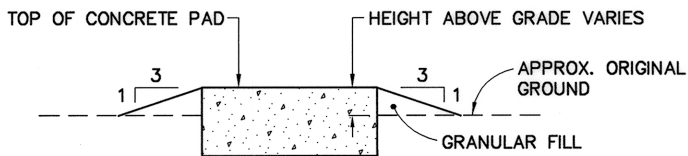
**STATION AREA
DEMOLITION SITE PLAN**

PRODUCTION		CONCURRENCE - ASSENTMENT	
DESIGNED ETUDIE	TIME/BWF	DES OFF AGENT	CONCEPT
DRAWN DESSINE	CAE	SECT HD CHEF	SECT
CHECKED VERIFIE	RRM	DES MGR GEST	CONCEPT
COORDINATION SMS		REVIEWED - REVU	

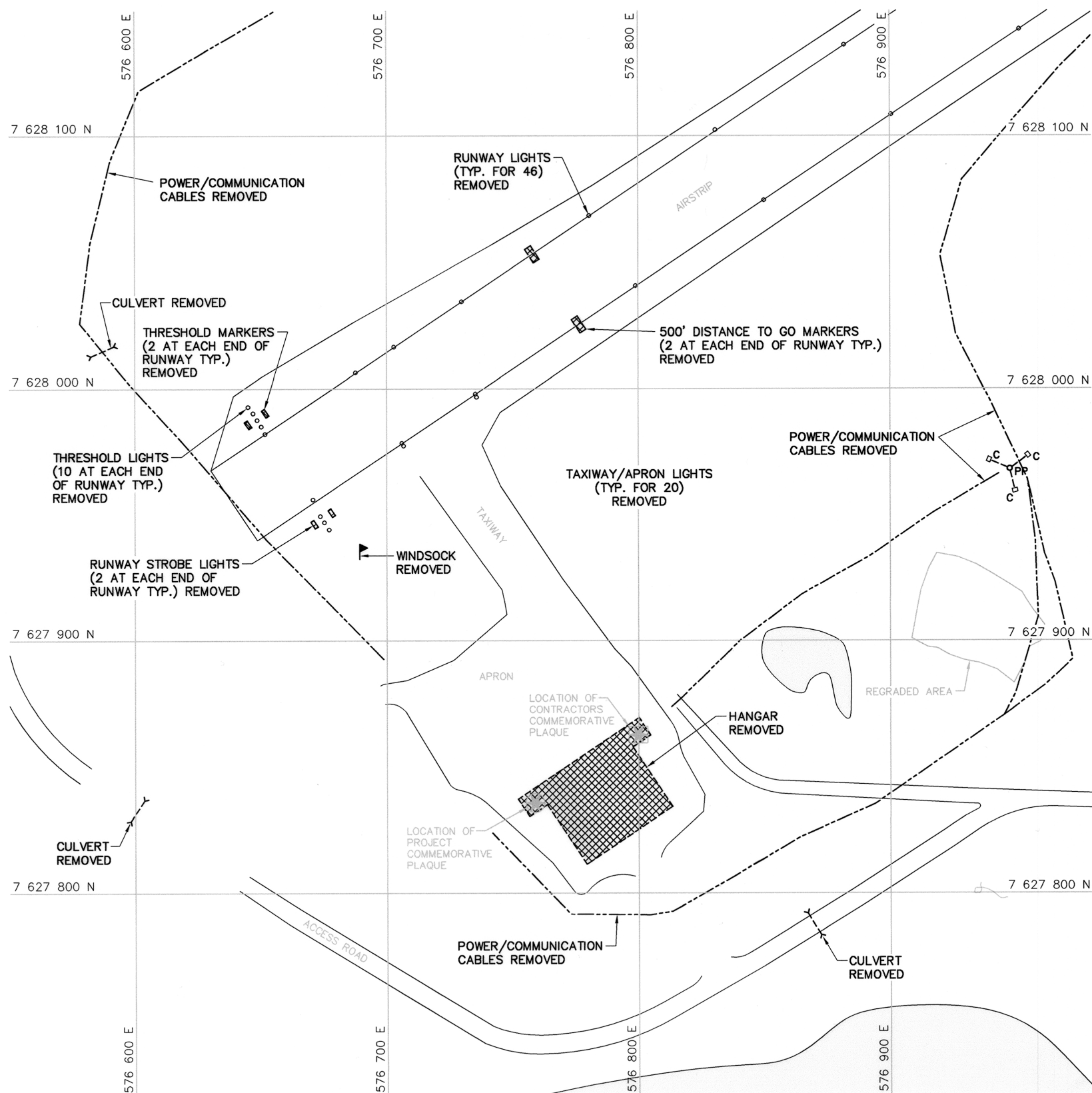
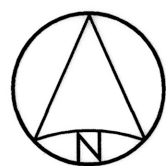
DWG. NO. - DESSIN NO.
H-B264/1-9101-201



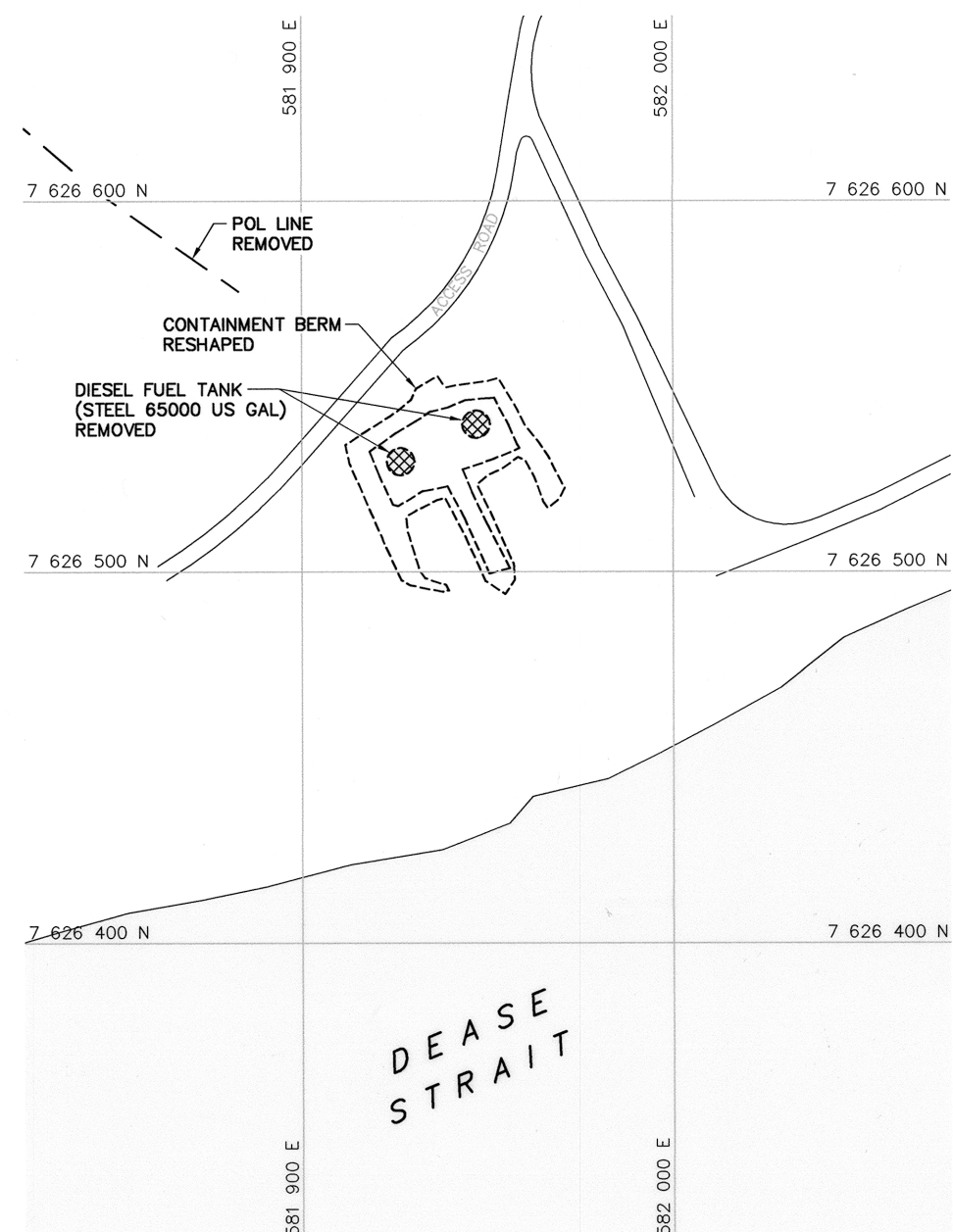
TYPICAL CONCRETE PAD REGRADING DETAIL
SCALE: NTS



SECTION



AIRSTRIP AREA







BEACH AREA

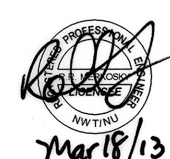
General Notes:

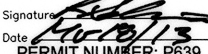
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL STRUCTURES DESIGNATED FOR DEMOLITION WERE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
3. ALL POLES, INCLUDING GUY WIRES, WERE REMOVED UNLESS NOTED OTHERWISE.
4. ALL ELECTRICAL CABLES AND POL LINES WERE REMOVED.
5. PIPELINES AND ANCILLARY EQUIPMENT REMOVED INCLUDED ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
6. ALL CULVERTS WERE REMOVED.
7. ALL CONCRETE PADS REMAINING WERE REGRADED, AS PER TYPICAL DETAIL, ON DWG. H-B264/1-9101-201.
8. POL LINE AND POWER/COMMUNICATION CABLE LOCATIONS ARE APPROXIMATE ONLY. SOME ABOVE GROUND POL LINES AND CABLES THAT WERE REMOVED MAY NOT BE SHOWN.

Legend:

-  DEMOLISHED
-  CONCRETE PAD REGRADED
-  UTILITY POLE REMOVED
-  BODY OF WATER

0	13-03-18	AS-BUILT DRAWING	RRM
No.	DATE	REVISION	REVISION
			APPR.



PERMIT TO PRACTICE
AECOM Canada Ltd.
Signature: 
Date: Mar 18/13
PERMIT NUMBER: P639
NWT/NU Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
PIN-4 BYRON BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER STRUCTURAL DATE 2006-09-15
SUBJECT - SUJET

AIRSTRIP AREA AND BEACH AREA
DEMOLITION SITE PLANS

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE TME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE CAE	SECT HD CHEF SECT
CHECKED VERIFIE RRM	DES MGR GEST CONCEPT
COORDINATION SMS	REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-B264/1-9101-202

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