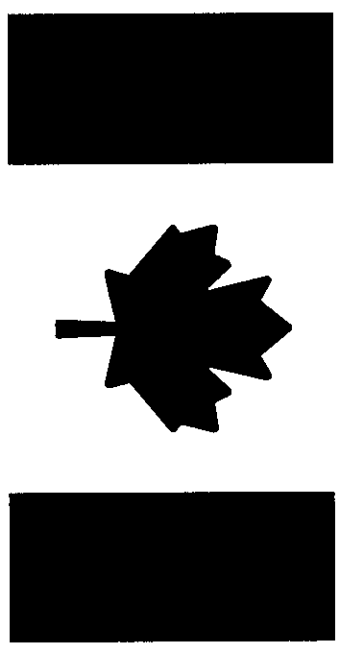




National
Défense
Defence
nationale

DEW LINE CLEAN UP PROJECT

DRAWING INDEX					
DRAWING No.	TITLE	DRAWING No.	TITLE	DRAWING No.	TITLE
SITING					
H-P44/1-9101-101	SITE VICINITY PLAN	H-P44/1-9101-118	UPPER SITE LANDFILL CROSS SECTIONS SHEET 1	H-P44/1-9101-134	MISCELLANEOUS DETAILS SHEET 1
H-P44/1-9101-102	OVERALL SITE PLAN	H-P44/1-9101-119	UPPER SITE LANDFILL CROSS SECTIONS SHEET 2	H-P44/1-9101-135	MISCELLANEOUS DETAILS SHEET 2
H-P44/1-9101-103	PROJECT LAYOUT SHEET 1	H-P44/1-9101-120	ABANDONED CAMP LANDFILL PLAN AND CROSS SECTIONS	STRUCTURAL	
H-P44/1-9101-104	PROJECT LAYOUT SHEET 2	H-P44/1-9101-121	LOWER SITE LANDFILL NORTH LOBE PLAN AND CROSS SECTION	H-P44/1-9101-201	STATION AREA DEMOLITION SITE PLAN
H-P44/1-9101-105	STATION AREA SITE PLAN	H-P44/1-9101-122	LOWER SITE LANDFILL KEY TRENCH EXCAVATION PLAN & GRAIDING/INSTRUMENTATION PLAN	H-P44/1-9101-202	ARSTRIP AREA DEMOLITION SITE PLAN
H-P44/1-9101-106	ABANDONED CAMP AREA SITE PLAN	H-P44/1-9101-123	LOWER SITE LANDFILL KEY TRENCH CENTRELINE PROFILE	H-P44/1-9101-203	WAREHOUSE PLAN, SECTION AND ELEVATION
H-P44/1-9101-107	LOWER SITE LANDFILL AREA SITE PLAN	H-P44/1-9101-124	LOWER SITE LANDFILL CROSS SECTIONS SHEET 1	H-P44/1-9101-204	GARAGE PLAN AND SECTION
H-P44/1-9101-108	BARRON LAKE SHORE AREA SITE PLAN	H-P44/1-9101-125	LOWER SITE LANDFILL CROSS SECTIONS SHEET 2	H-P44/1-9101-205	HEATED WAREHOUSE STORAGE ELEVATIONS AND SECTION
H-P44/1-9101-109	ARSTRIP AREA SITE PLAN	H-P44/1-9101-126	LOWER SITE NON-HAZARDOUS WASTE LANDFILL CROSS SECTION	H-P44/1-9101-206	MOBILE TRAIL UNITS 1A-25 PLAN
H-P44/1-9101-110	STATION AREA NON-HAZARDOUS WASTE LANDFILL CROSS SECTION	H-P44/1-9101-127	LANDFARM PLAN	H-P44/1-9101-207	MOBILE TRAIL UNITS 1A-25 ELEVATIONS
H-P44/1-9101-111	TIER II DISPOSAL FACILITY KEY TRENCH EXCAVATION PLAN & GRAIDING/INSTRUMENTATION PLAN	H-P44/1-9101-127A	LANDFARM CROSS SECTION	H-P44/1-9101-208	RADAR TOWER/RADOME PLAN AND SECTION
H-P44/1-9101-112	TIER II DISPOSAL FACILITY KEY TRENCH CENTRELINE PROFILE	H-P44/1-9101-128	CONTAMINATED AREAS SECTION AND DETAILS SHEET 1	H-P44/1-9101-209	COMMUNICATION DISH ELEVATIONS
H-P44/1-9101-113	TIER II DISPOSAL FACILITY CROSS SECTIONS SHEET 1	H-P44/1-9101-129	CONTAMINATED AREAS SECTION AND DETAILS SHEET 2	H-P44/1-9101-210	QWL STORAGE SHED AND PDE-PAWTHOUSE PLANS, SECTION AND ELEVATIONS
H-P44/1-9101-114	TIER II DISPOSAL FACILITY CROSS SECTIONS SHEET 2	H-P44/1-9101-130	CONTAMINATED AREAS SECTION AND DETAILS SHEET 3	H-P44/1-9101-211	FUEL TANKS PLAN AND ELEVATIONS
H-P44/1-9101-115	UPPER SITE LANDFILL EXCAVATION PLAN & CROSS SECTIONS	H-P44/1-9101-131	CONTAMINATED AREAS SECTION AND DETAILS SHEET 4	H-P44/1-9101-212	ARSTRIP ANGULARY FACILITIES STANDARD DETAILS
H-P44/1-9101-116	UPPER SITE LANDFILL KEY TRENCH EXCAVATION PLAN & GRAIDING/INSTRUMENTATION PLAN	H-P44/1-9101-132	CONTAMINATED AREAS SECTION AND DETAILS SHEET 5	© COPYRIGHT HER MAJESTY THE QUEEN IN RIGHT OF CANADA 2009, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE.	
H-P44/1-9101-117	UPPER SITE LANDFILL KEY TRENCH CENTRELINE PROFILE	H-P44/1-9101-133	CONTAMINATED AREAS SECTION AND DETAILS SHEET 6		

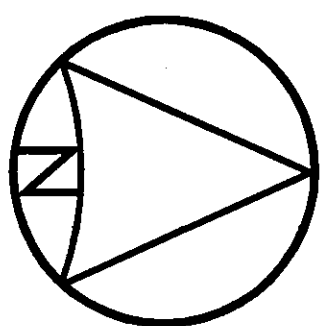
NOTE:
THIS DRAWING PACKAGE HAS BEEN
REVISED BASED ON INFORMATION
SUPPLIED BY DEFENCE CONSTRUCTION
CANADA IN SEPTEMBER, 2006.
CONTRACT DRAWINGS INCLUDE THE
ENGINEER'S STAMP.



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CAM-4 PELLY BAY
AS-BUILT DRAWINGS
MARCH, 2009



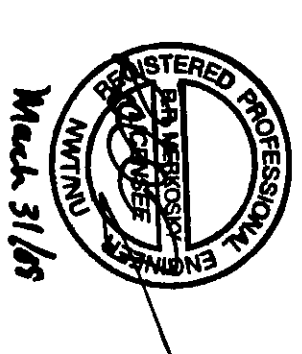
 National Defense
Défense nationale

Headquarters
Quartier général

Legend:



0	09-03-30	AS-BUILT DRAWING	RAM
No.	DATE	REVISION	REVISION
			APPR.



PERMIT TO PRACTICE
AECOM CONSULTANTS
Signature: *[Signature]*
PERMIT NUMBER: P839
NWT/NL Association of Professional
Engineers and Geoscientists

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SCALE - ÉCHELLE 0 0.25 0.5 1 1.5 km
PROJECT - PROJET CAM-4 PELLY BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - MÉTIER	SITING	DATE
SUBJECT - SUJET		2001-02-28

SITE VICINITY PLAN

PRODUCTION	CONCURRENCE - ASSÉNIEMENT
DESIGNED <i>TMS</i>	DES. OFF.
ETUDE	AGENT CONCEPT
DRAWN <i>LJJ</i>	SCHEM. DESIGNED
DRAWING	CHEF SCOT
CHECKED <i>TMS</i>	DES. FOR
VERIFIED	DES. CONCEPT
COORDINATION <i>JMS</i>	REVIEWED - REVU
DRG. NO. - DESIGN NO. H-74471-9101-101	

Canada

- General Notes:
1. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. ALL NON-HAZARDOUS DEBRIS REMOVED WITHIN THE PLAN AREA OR LOWER SITE.
- NON-HAZARDOUS WASTE LANDFILLS.

Legend:

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

0	09-03-26	AS-BUILT DRAWING	RM
No.	DATE	REVISION	REVISION



PERMIT TO PRACTICE
Signature: [Signature]
Professional Number: P839
Member of the Association of Professional Engineers and Geoscientists

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SCALE - ÉCHELLE 200 100 0 200 400 600M

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - MÉTIER	SITING	DATE
SUBJECT - SUJET		2001-02-28

OVERALL SITE PLAN

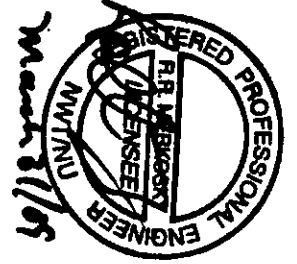
PRODUCTION	CONCURRENCE - ASSÉNTIMENT
DESIGNED <i>TMS</i>	DES. OFF.
DRAWN <i>LJV</i>	ASST. CONCEPT
CHECKED <i>TMS</i>	SECT. NO.
COORDINATION <i>TMS</i>	OTHER SECT.
	DES. MGR.
	DES. CONCEPT
	REVIEWED - REVU

DWS, NO. - DESIGN NO.
H-1744/1-9101-102

1. LOCAL COORDINATE SYSTEM ESTABLISHED BASED ON ASSUMED TO 000 N, 10 000 B AT SURVEY CONTROL MONUMENT CMI.
2. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL. (REF. DWG. AAP-2, DEPT. OF THE AIR FORCE, USAF).
3. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. ALL SHORT RANGE RADAR (SRR) FACILITIES WERE OPERATIONAL.
6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-P44/1-9101-135.

PERMANENT BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM CAM4-1	9 924.903	9 925.967	323.306	BRASS PLUG IN ROCK
BM CAM4-2	10 336.727	9 289.449	289.449	BRASS PLUG IN ROCK
BM CAM4-3	10 244.939	10 388.349	282.509	BRASS PLUG IN ROCK

THE STATION AREA IS ON A SEPARATE COORDINATE SYSTEM. IT IS NOT TIED-IN TO THE SITE SURVEY AT THE LOWER SITE.



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AECOM Canada Ltd.

Signature 

Date May 31/07

PERMIT NUMBER: P639

NMT/NU Association of Professional
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CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METIER	DATE
SITING	2001-02-28

PROJECT LAYOUT
SHEET 1

PRODUCTION		CONCURRENCE - ASSEMBLEMENT	
DESIGNED ETUDE	<i>1/MS</i>	DES OFF	AGENT CONCEPT
DRAWN DESSEINE	<i>L/L</i>	SECT HD	CHIEF SECT
CHECKED VERIFIE	<i>1/MS</i>	DES MGR	GEST CONCEPT
COORDINATION <i>1/MS</i>		REVIEWED - REVU	

DWG. NO. - DESSEN NO.
 H-P44-1-9101-103

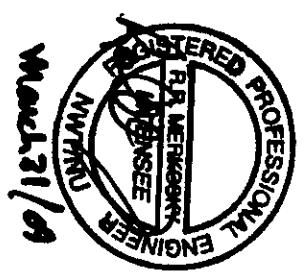
General Notes:

1. LOCAL COORDINATE SYSTEM ESTABLISHED BASED ON ASSIGNED 2000 DATUM IN 20100 E AT SURVEY CONTROL MONUMENT CM101.
2. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL. (REF. DWG. AAP-2, DEPT. OF THE AIR FORCE, USAF).
3. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-P44/1-9101-135.

Legend:

- △ CM SURVEY CONTROL MONUMENT
▲ BM PERMANENT BENCHMARK
LOCATION (2)
APPROXIMATE EXTENT OF BORROW AREA
BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
0	09-03-26	AS-BUILT DRAWING		RAM



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Permit Number: P639
WIT/NU Association of Professional Engineers and Geoscientists

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SCALE - GRAPHIC 100 50 0 100 200 300m

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

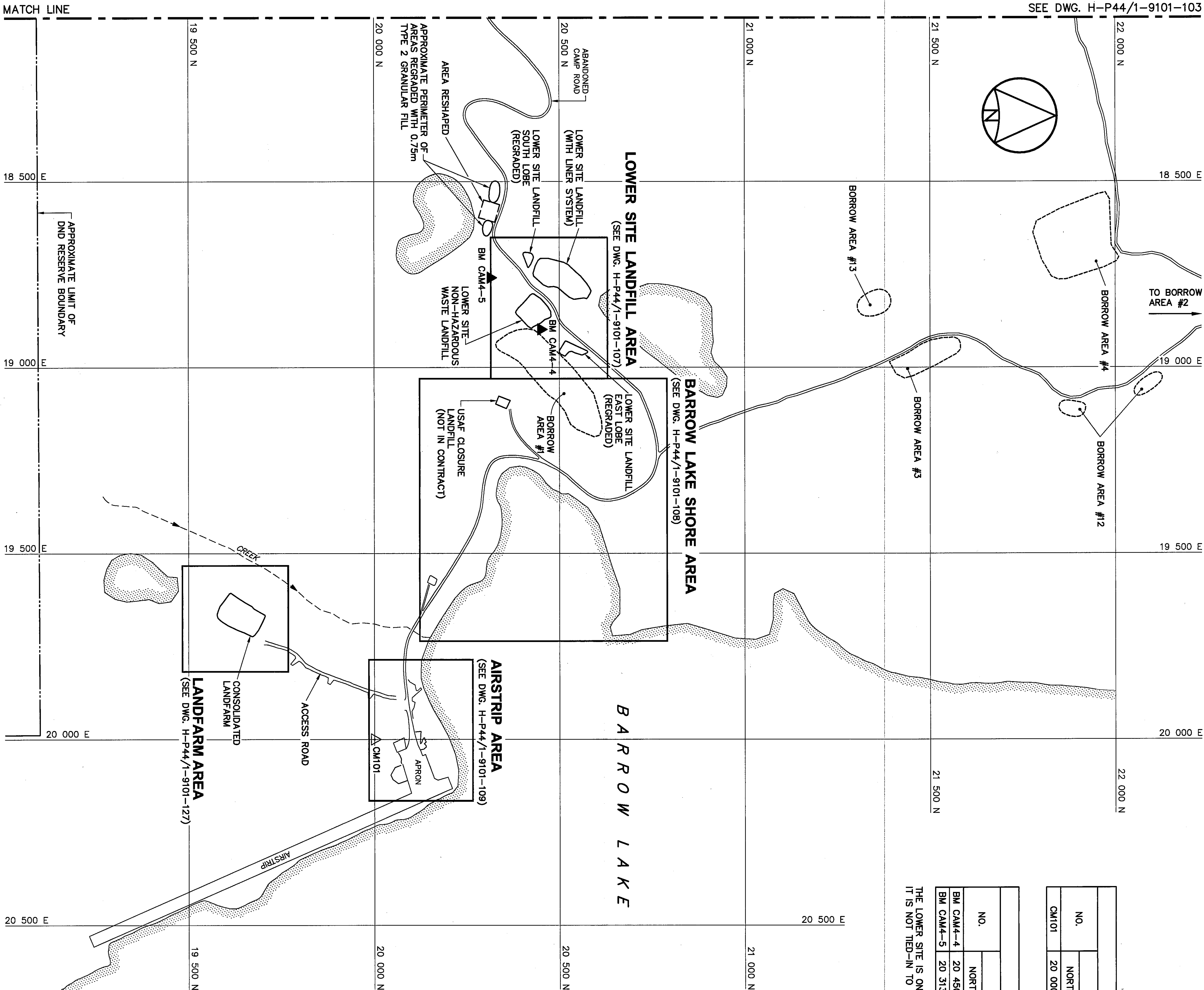
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TRADE - METTER	SITING	DATE
		2001-02-28

SUBJECT - SUBJECT
PROJECT LAYOUT
SHEET 2

PRODUCTION	CONCURRENCE - ASSIGNMENT
DESIGNED TMS	DES. OFF.
ETUDE TMS	AGENT CONCEPT
DRAWN LW	SECT. HD.
DESIGNED TMS	CHEF SECT.
CHECKED TMS	DES. MGR.
VERIFIED TMS	DES. CONCEPT
COORDINATION TMS	REVIEWED - REVU
DWG. NO. - DESIGN NO. H-P44/1-9101-104	

Canada



SURVEY CONTROL MONUMENTS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
CM101	20 000.000	20 000.000	GNWT MON. 50590-23

PERMANENT BENCHMARKS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
BM CAM4-4	20 450.188	18 897.315	138.392 BRASS PLUG IN ROCK
BM CAM4-5	20 313.889	18 758.030	142.703 BRASS PLUG IN ROCK

THE LOWER SITE IS ON A SEPARATE COORDINATE SYSTEM.
IT IS NOT TIED-IN TO THE SITE SURVEY AT THE STATION AREA.

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR MONITORING WELL INSTALLATION DETAIL AND COORDINATE POINTS, SEE DWG. H-P44/-9101-135.

Legend:

- △ CM SURVEY CONTROL MONUMENT
- ▲ BM PERMANENT BENCHMARK LOCATION
- ⊙ APPROXIMATE LOCATION OF COMMERCIAL PLANT
- COORDINATE POINT
- ORIGINAL MONITORING WELL LOCATION
- MONITORING WELL LOCATION (16)
- BACKGROUND MONITORING WELL LOCATION (2)
- FORMER UTILITY POLE
- LANDFILL OR BURIED DEBRIS EXCAVATION AREA
- FORMER BUILDING, STRUCTURE OR TANK LOCATION

No.	DATE	REVISION	REVISION	APPR.
0	09-03-30	AS-BUILT DRAWING		REM



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 ROBERT J. POIRIER
 License Number: 71839
 MWE/NU: Association of Professional Engineers and Geoscientists

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SCALE - ECHELLE	20 10 0 20 40 60m
PROJECT - PROJET	CAM-4 PELLY BAY
DEW LINE CLEAN UP	

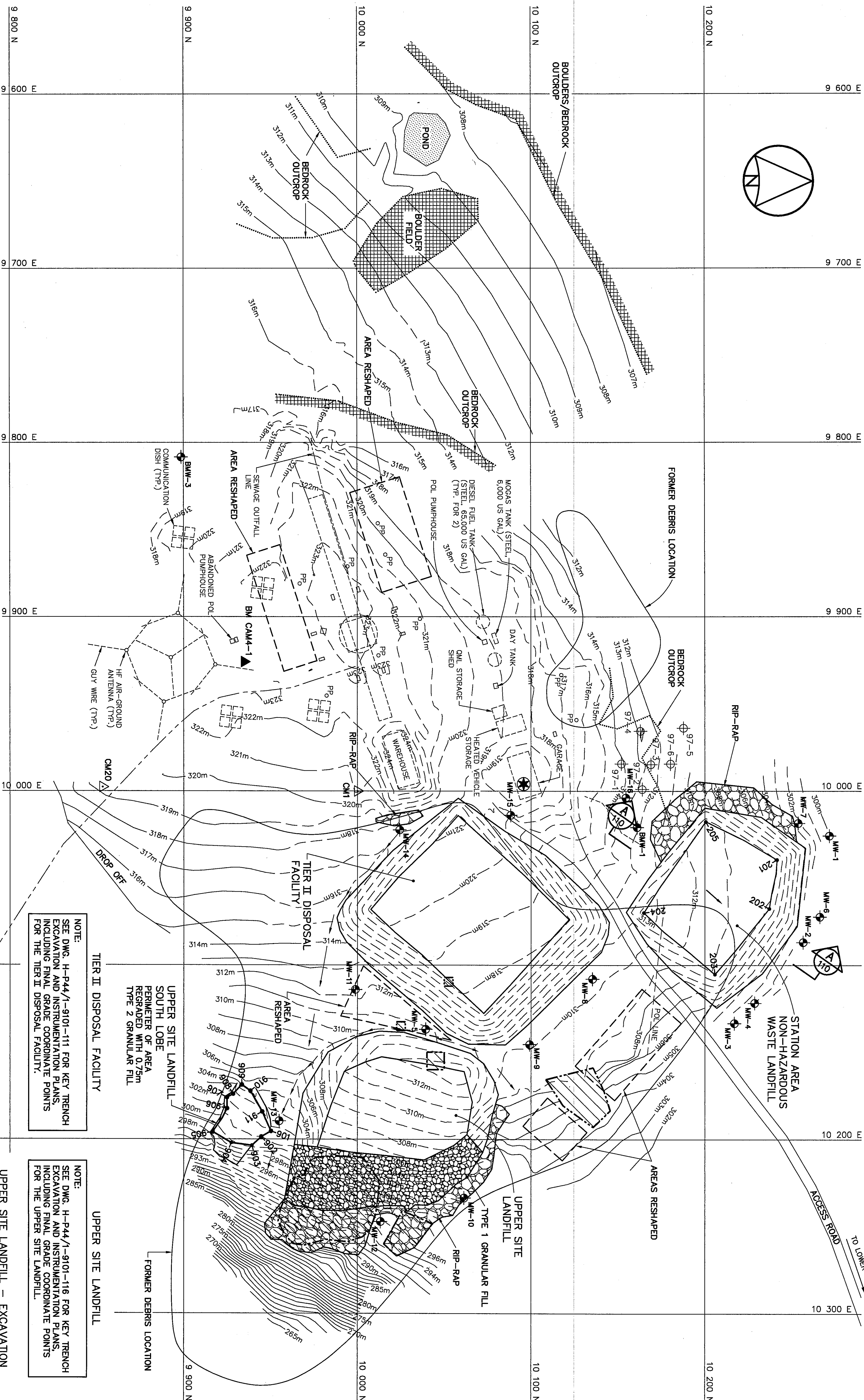
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TRADE - MÉTIER	SITING	DATE
SUBJECT - SUJET		2001-02-28

STATION AREA
 SITE PLAN

PRODUCTION	CONCOMITANCE - ASSAIGNMENT
DESIGNED <i>HMS</i>	DES. OFF.
ETUDED <i>HMS</i>	AGENT CONCEPT
DRAWN <i>LWJ</i>	SECT. HD.
DRAWN <i>LWJ</i>	CHIEF SECT.
CHECKED <i>HMS</i>	DES. WORK
VERIFIED <i>HMS</i>	DES. CONCEPT
COORDINATION <i>HMS</i>	REVIEWED - REVU
DWG. NO. - DESIGN NO.	H-P44/-9101-105

Canada



NOTE:
 FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE, DATED MAY, 2004.

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

PERMANENT BENCHMARKS		
NO.	COORDINATES	DESCRIPTION
	NORTHING	EASTING
BM CAM-1	9 934.903	9 925.967
	323.306	BRASS PLUG IN ROCK

SURVEY CONTROL MONUMENTS		
NO.	COORDINATES	DESCRIPTION
	NORTHING	EASTING
CM1	10 000.000	321.116
CM20	9 953.309	9 997.655
	319.410	GNW MON. 50590-21

STATION AREA NON-HAZARDOUS WASTE LANDFILL (AS BUILT)		
NO.	COORDINATES	ELEV.
	NORTHING	EASTING
201	10 241.6	10 039.6
202	10 237.1	10 067.6
203	10 205.8	10 105.2
204	10 164.9	10 089.9
205	10 200.5	10 017.5
		311.5

UPPER SITE LANDFILL - SOUTH LOBE REGRADING (AS BUILT)		
NO.	COORDINATES	ELEV.
	NORTHING	EASTING
901	9 950.2	10 195.4
902	9 944.7	10 198.6
903	9 939.2	10 203.5
904	9 927.3	10 202.0
905	9 916.5	10 195.8
906	9 924.9	10 182.4
907	9 924.9	10 176.1
908	9 928.4	10 174.1
909	9 933.4	10 168.8
910	9 938.4	10 172.3
911	9 945.2	10 184.3
		302.8

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

 LANDFILL OR BURIED DEBRIS
EXCAVATION AREA

PERMIT TO PRACTICE
AECOM Canada Ltd.

Signature 
Date Mar 31/09
PERMIT NUMBER: P639
NWT/NU Association of Professional
Engineers and Geoscientists

HATCH

A vertical color calibration bar featuring a grayscale ramp from black to white, followed by a series of color patches including red, green, blue, and yellow.

DEW LINE CLEAN UP

TRADE - METTER	DATE
SITING	2001-02-28

DATE	2001-02-28
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**ABANDONED CAMP AREA
SITE PLAN**

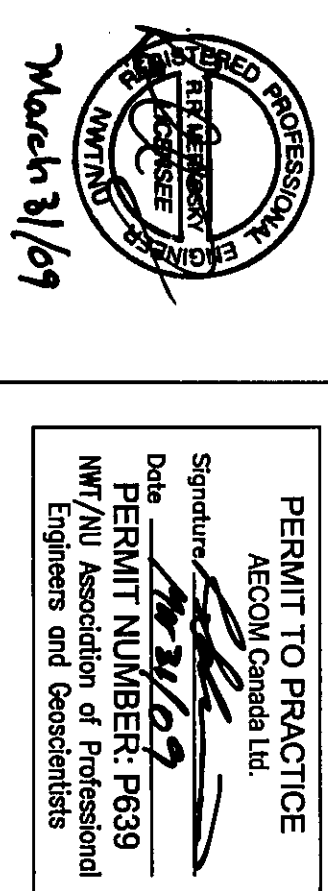
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H-P44/1-9101-106

- General Notes:**
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 4. FOR MONITORING WELL INSTALLATION DETAIL AND COORDINATE POINTS, SEE DWG. H-P44/1-9101-153.

Legend:

- ▲ BM PERMANENT BENCHMARK LOCATION
- 250 COORDINATE POINT
- MW MONITORING WELL LOCATION (?)
- MW BACKGROUND MONITORING WELL LOCATION (?)
- BM LANDFILL OR BURIED DEBRIS EXCAVATION AREA
- BODY OF WATER

0	09-03-30	AS-BUILT DRAWING	RM
No.	DATE	REVISION	APPR.



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SCALE - HORZ. 10 5 0 10 20 30m
PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

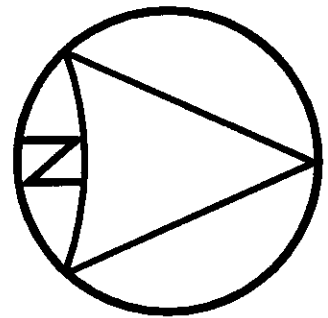
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MINISTER OF NATIONAL DEFENCE.

TRADE - METTER SITING DATE 2001-02-28
SUBJECT - SILET

**LOWER SITE LANDFILL AREA
SITE PLAN**

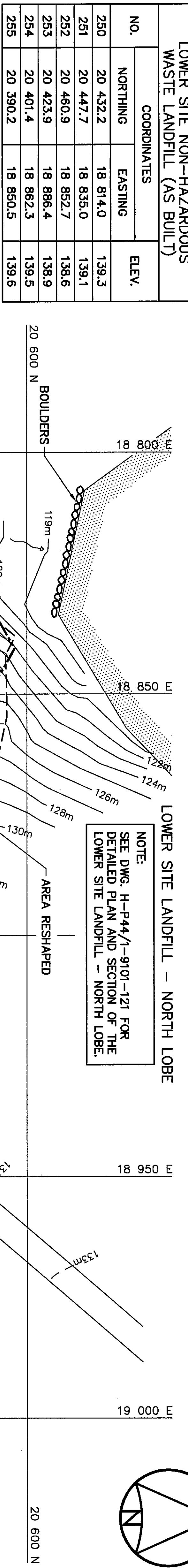
DESIGNED	CONCURRENCE - ASSURMENT
ETDUE TMS	DES. OFT. AGENT CONCEPT
DRAM LUV	SKETCH UP DES. OFT. AGENT CONCEPT
DESIGNED TMS	DES. OFT. AGENT CONCEPT
CHECKED TMS	DES. OFT. AGENT CONCEPT
COORDINATION TMS	REVIEWED - REVU
DWG. NO. - DESIGN NO.	H-P44/1-9101-107

Canada



LOWER SITE LANDFILL - NORTH LOBE

NOTE:
SEE DWG. H-P44/1-9101-121 FOR
DETAILED PLAN AND SECTION OF THE
LOWER SITE LANDFILL - NORTH LOBE.

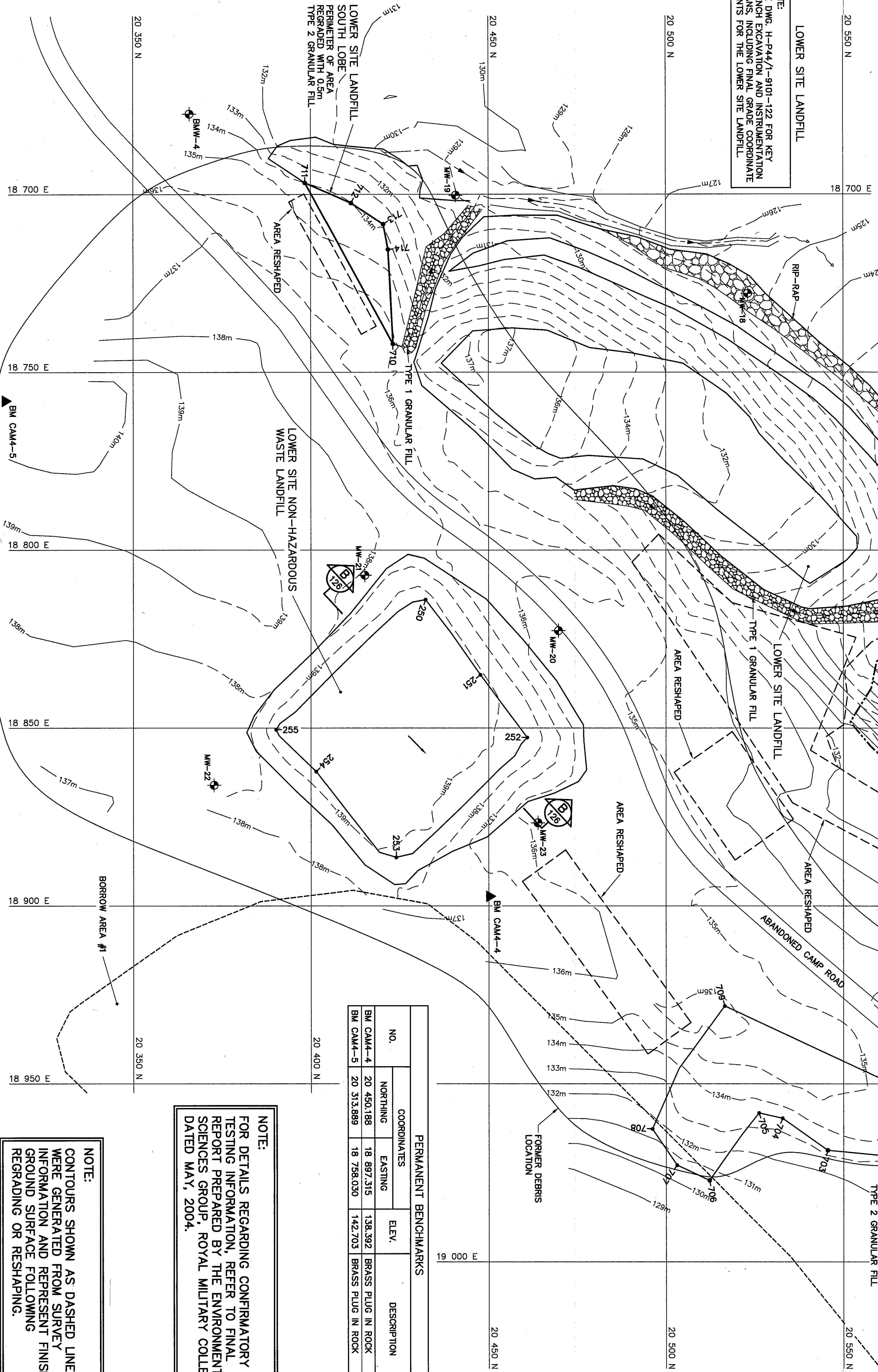


LOWER SITE LANDFILL EAST AND SOUTH LOBES REGRADED (AS BUILT)			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
701	20 562.2	18 958.6	134.0
702	20 561.5	18 970.2	133.3
703	20 545.5	18 968.7	133.0
704	20 532.8	18 959.7	133.5
705	20 526.2	18 958.2	133.5
706	20 512.2	18 972.2	130.5
707	20 503.1	18 972.9	130.5
708	20 496.1	18 962.7	131.6
709	20 516.5	18 928.1	136.2
710	20 423.1	18 742.1	136.2
711	20 398.4	18 696.8	134.0
712	20 411.3	18 702.5	134.0
713	20 420.4	18 708.4	133.9
714	20 421.7	18 715.5	134.4

LOWER SITE NON-HAZARDOUS WASTE LANDFILL (AS BUILT)			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
250	20 432.2	18 814.0	139.3
251	20 447.7	18 835.0	139.1
252	20 460.9	18 852.7	138.6
253	20 423.9	18 886.4	138.9
254	20 401.4	18 862.3	139.5
255	20 390.2	18 850.5	139.6

LOWER SITE LANDFILL

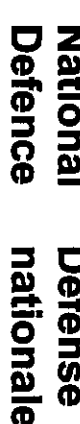
NOTE:
SEE DWG. H-P44/1-9101-122 FOR KEY
FRENCH EXCAVATION AND INSTRUMENTATION
PLANS INCLUDING FINAL GRADE COORDINATE
POINTS FOR THE LOWER SITE LANDFILL.



PERMANENT BENCHMARKS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
BM CAM-4	20 450.188	18 897.315	138.392 BRASS PLUG IN ROCK
BM CAM-5	20 313.889	18 758.030	142.703 BRASS PLUG IN ROCK

NOTE:
FOR DETAILS REGARDING CONFIRMATORY
TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE,
DATED MAY, 2004.

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



quartier général

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
4. LIMIT OF SECONDARY EXCAVATION WAS FIELD VERIFIED BY SOILMECHANIST TESTING OF CONTAMINATED SOIL, GEOPHYSICAL SURVEYS AND TEST EXCAVATIONS AT THE LANDFILL PERIMETER AND AT DEPTH.
5. REFER TO DWG. H-P-44-1/-8101-202 FOR CULVERT DEDUPLICATION INVENTORY TABLE.

NO.		COORDINATES	
		NORTHING	EASTING
920	20 736.4	19 396.1	
921	20 727.4	19 421.2	
922	20 701.7	19 402.2	
923	20 713.7	19 383.2	
924	20 706.7	19 417.7	
925	20 706.8	19 422.7	
926	20 702.1	19 423.1	
927	20 701.8	19 418.1	

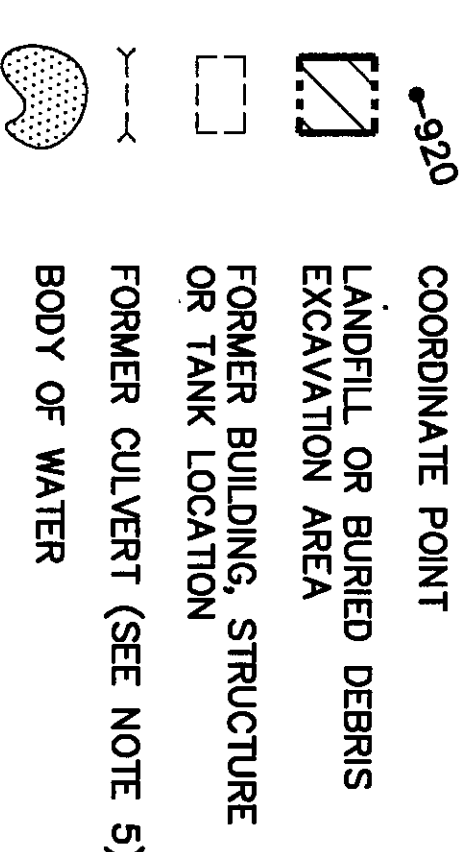
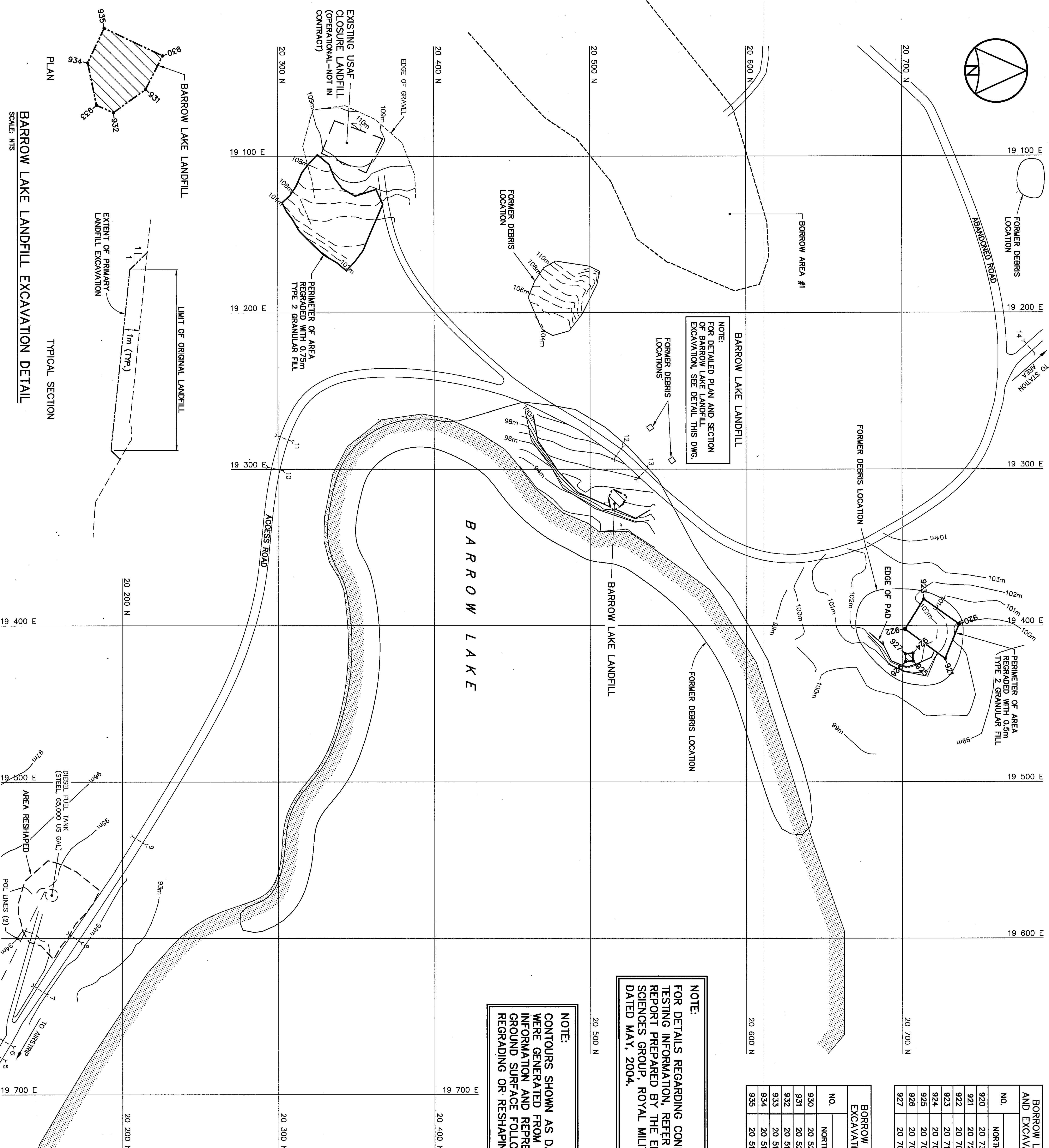
BORROW LAKE LANDFILL EXCAVATION (AS-BUILT)		
NO.	COORDINATES	
	NORTHING	EASTING
930	20 523.6	19 317.1
931	20 520.9	19 322.5
932	20 515.7	19 326.2
933	20 513.1	19 325.1
934	20 511.6	19 316.2
935	20 514.3	19 312.7

NOTE

FOR DETAILS REGARDING CONFIRMATORY TESTING INFORMATION, REFER TO FINAL REPORT PREPARED BY THE ENVIRONMENTAL SCIENCES GROUP, ROYAL MILITARY COLLEGE, DATED MAY, 2004.

NOTE:

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



0	09-03-30	AS-BUILT DRAWING		RR
No.	DATE	REVISION	REVISION	APP



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AECOM Canada Ltd.
Signature: 
Date: Mar 31/09
PERMIT NUMBER: P639
NMT/NU Association of Professional
Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - ECHELLE 20 10 0 20 40 60

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METIER	DATE
SITING	2001-02-2

BARROW LAKE SHORE AREA SITE PLAN

CONFORMANCE - ASSESSMENT	
DESIGNED	DES OFF
ETUDE	AGENT CONCEPT
DRAWN	SECT HD
DESSEIN	CHET SECT
CHECKED	DES MOR
VARIANTE	GES CONCEPT
COORDINATION	REMOVED - REVU
<i>3MS</i>	

DWG. NO. = DESSIN NO.
H-P44/1-9101-108

Canada

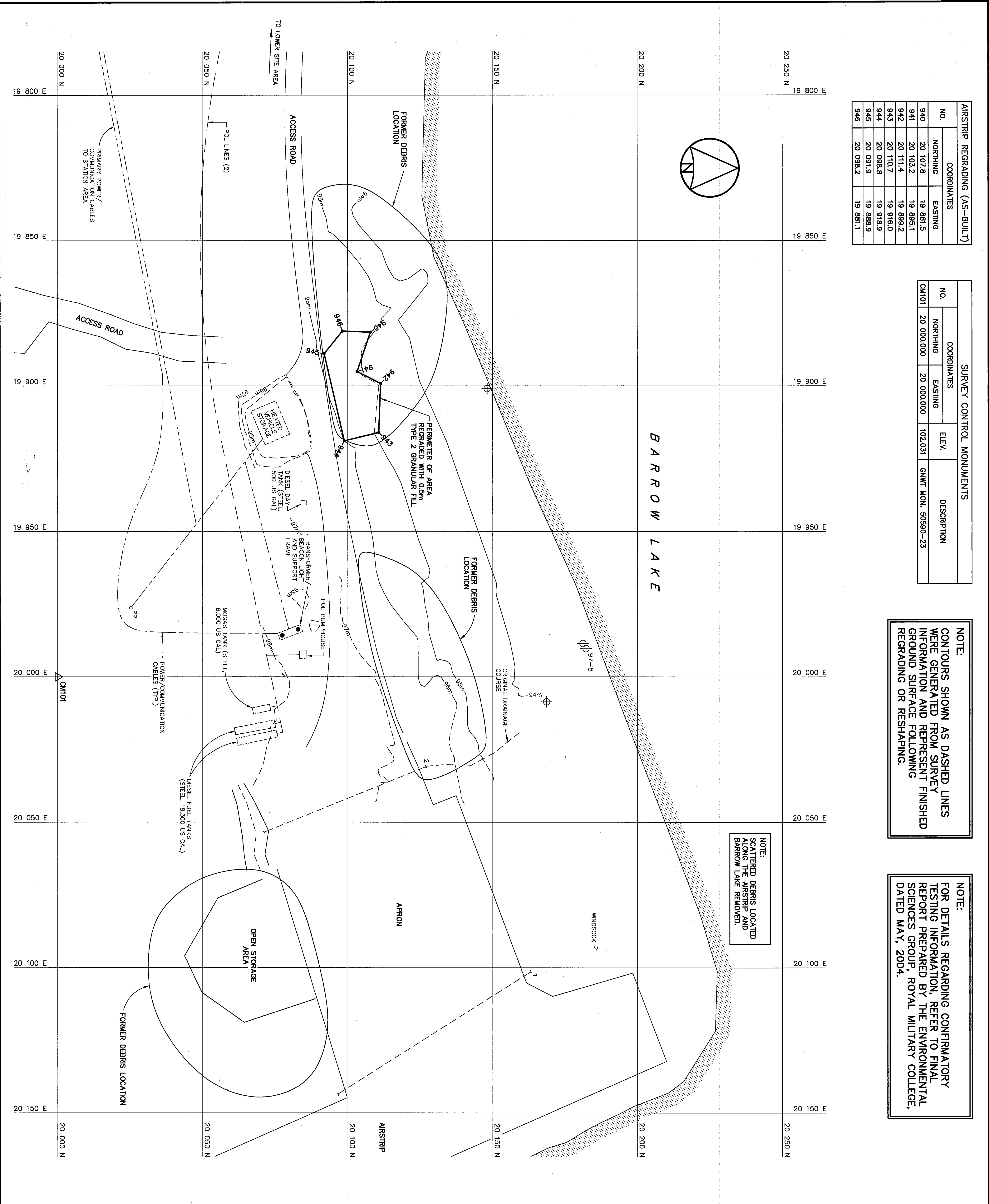
AIRSTrip REGRADING (AS-BUILT)			
NO.	COORDINATES		
	NORTHING	EASTING	
940	20 107.8	19 881.5	
941	20 103.2	19 895.1	
942	20 111.4	19 899.2	
943	20 110.7	19 916.0	
944	20 098.8	19 918.9	
945	20 091.9	19 898.9	
946	20 098.2	19 881.1	

SURVEY CONTROL MONUMENTS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
CM101	20 000.000	20 000.000	102.031 GNWT MON. 50590-23

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

NOTE:
FOR DETAILS REGARDING CONFIRMATORY
TESTING INFORMATION, REFER TO FINAL
REPORT PREPARED BY THE ENVIRONMENTAL
SCIENCES GROUP, ROYAL MILITARY COLLEGE,
DATED MAY, 2004.

NOTE:
SCATTERED DEBRIS LOCATED
ALONG THE AIRSTrip AND
BARROW LAKE REMOVED.



National Defense
Défense nationale

Headquarters
Quartier général

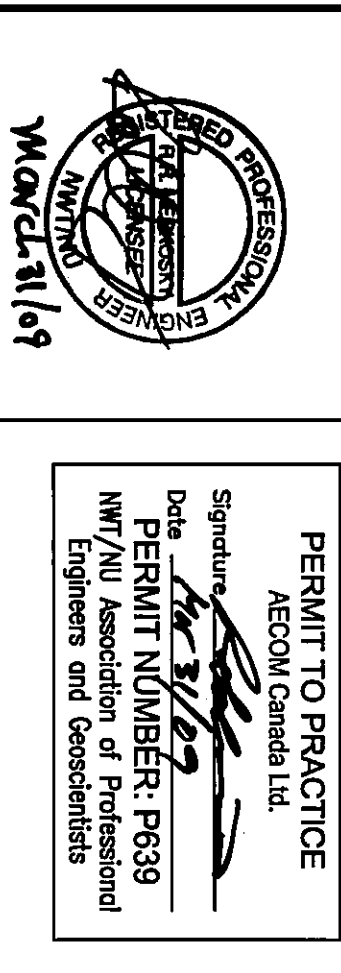
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. REFER TO DWG. H-P44/1-8101-202 FOR CULVERT DEMOLITION INVENTORY TABLE.

Legend:

- △ CM SURVEY CONTROL MONUMENT
- 940 COORDINATE POINT
- ⊕ ORIGINAL MONITORING WELL LOCATION
- PP FORMER UTILITY POLE
- FORMER BUILDING STRUCTURE OR TANK LOCATION
- FORMER CULVERT (SEE NOTE 4)
- BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
0	09-03-20	AS-BUILT DRAWING		RM



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SCALE - HORIZ. 10 5 0 10 20 30m

PROJECT - PROJECT CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METER SINGING DATE 2001-02-28

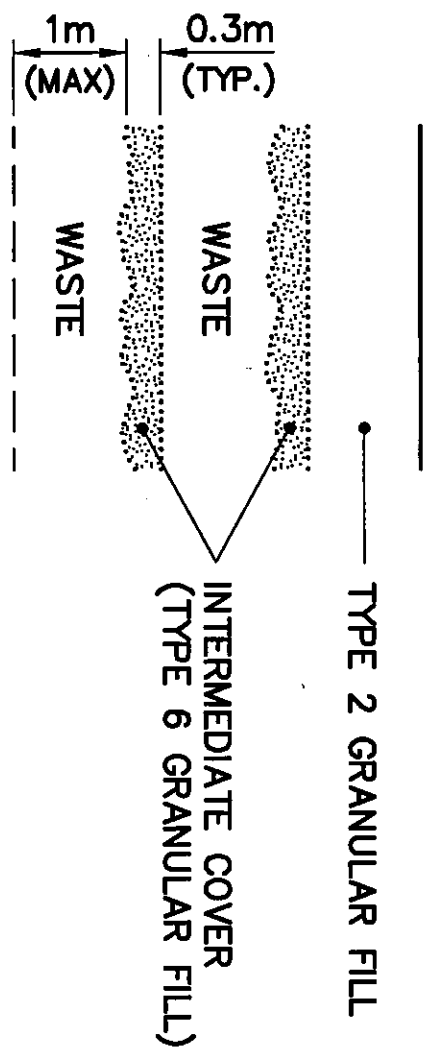
SUBJECT - SLEET

AIRSTrip AREA
SITE PLAN

PRODUCTION	CONCURRENCE - ASSURANCE
DESIGNED TMS	DES. OFF.
DRAWN L/J	AGENT CONCEPT
CHECKED MMS	SECT HD
REVIEWED JMS	CHIEF SECT
	DES. MGR
	DES. CONCEPT
	COORDINATION
	REVIEW
	3MS
	DWG. NO. - DESIGN NO.
	H-P44/1-8101-109

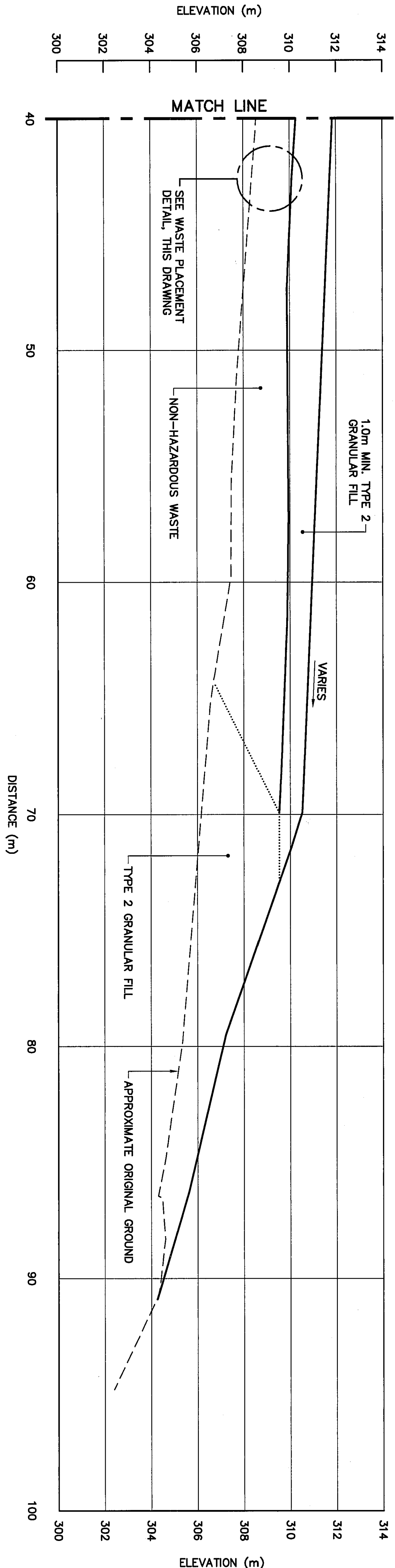
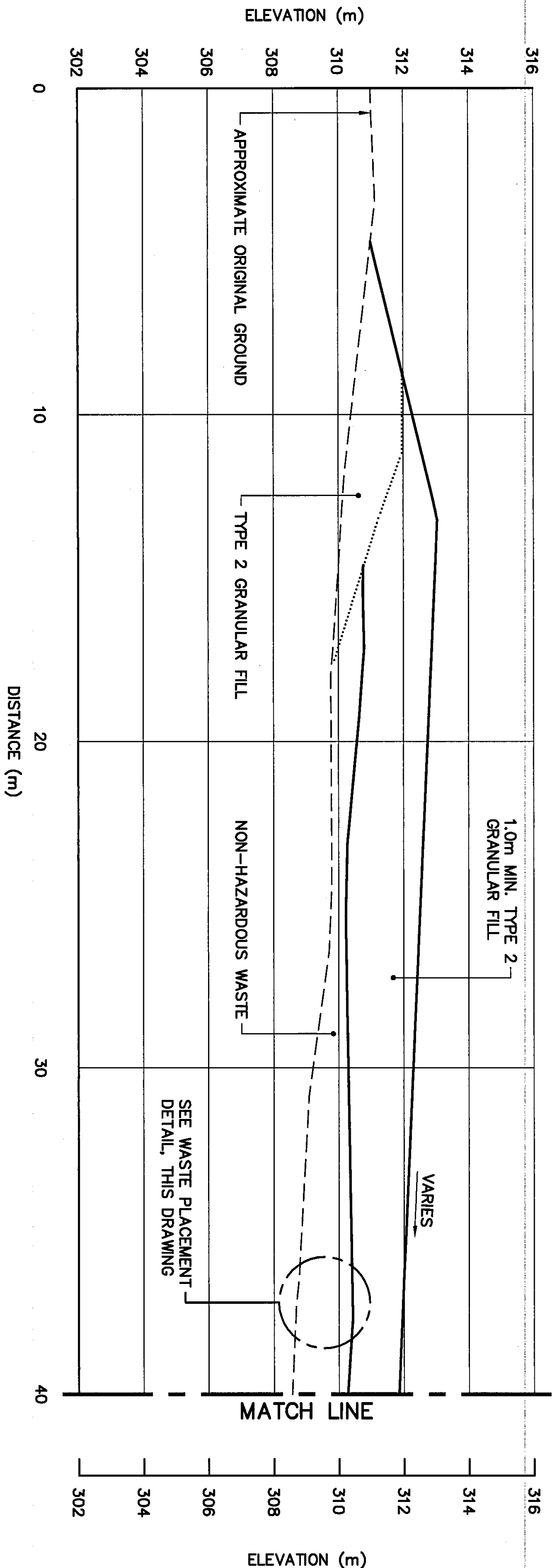
Canada

- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.



WASTE PLACEMENT DETAIL

SCALE: NTS



SECTION
A

0	09-03-30	AS-BUILT DRAWING	RAM
No.	DATE	REVISION	REVISION
DATE	REVISION	REVISION	APPR.

Legend:

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



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AECOM
SUPERVISOR
PERMIT NUMBER: P839
NWT/NV Association of Professional
Engineers and Geoscientists

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SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METIER SINTING DATE 2001-02-28

SUBJECT - SUJET
STATION AREA
NON-HAZARDOUS WASTE LANDFILL
CROSS SECTION

PRODUCTION	CONCURRENCE - ASSÉNIEMENT
DESIGNED TMS	DES. OFF.
ETUDE	AGENCY CONCEPT
DRAWN LW	SECT. NO.
DESIGN	ONET. SECT.
CHECKED TMS	DES. WORK
VERIFIE	DESIGN CONCEPT
COORDINATION TMS	REVIEWED - REVU
DRG. NO. - DESIGN NO. H-744/1-9101-110	

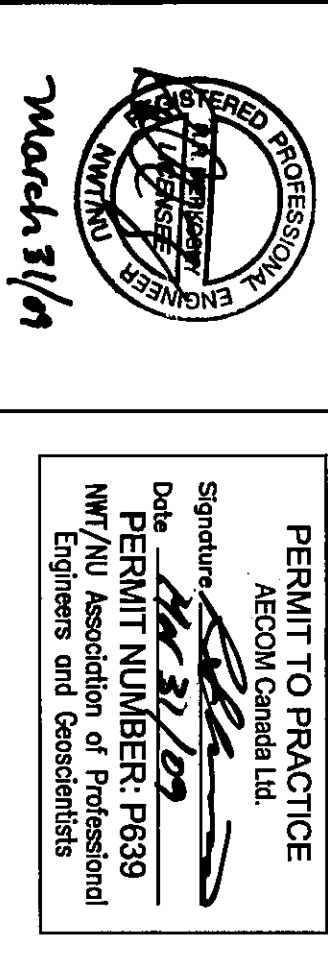
- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 4. FOR VERTICAL THERMISTOR INSTALLATION DETAIL, SEE DWG. H-P44/1-9101-135.
 5. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES). SEE DWG. H-P44/1-9101-112.

Legend:

330 COORDINATE POINT

VT VERTICAL THERMISTOR INSTALLATION (4)

0	08-03-30	AS-BUILT DRAWING	RM
No.	DATE	REVISION	APPR.



UMA | AECOM | HATCH

SCALE - ÉCHELLE 10 5 0 10 20 30m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

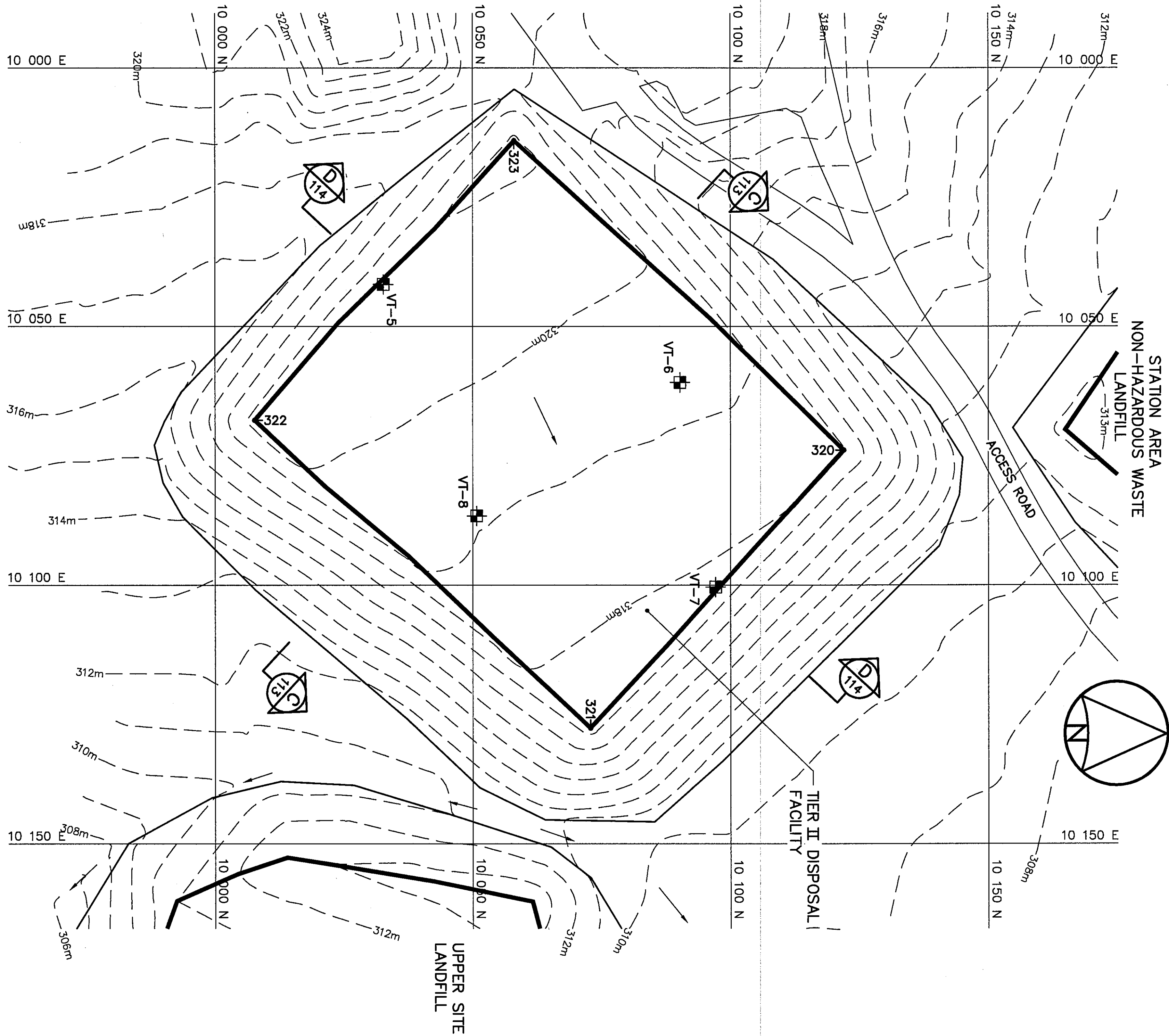
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TRADE - MÉTIER	SITING	DATE
SUBJECT - SUJET		2001-02-28

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

PRODUCTION	CONFIRMANCE - ASSENTIMENT
DESIGNED <i>TMS</i>	DWG. OFF.
DRAWN <i>LW</i>	SET UP
CHECKED <i>KMS</i>	SHEET SCOT
VERIFIED <i>JMS</i>	DESIGN CONCEPT
COORDINATION <i>JMS</i>	REVIEWED - REVU
DWG. NO. - DESIGN NO. H-P44/1-9101-111	

Canada

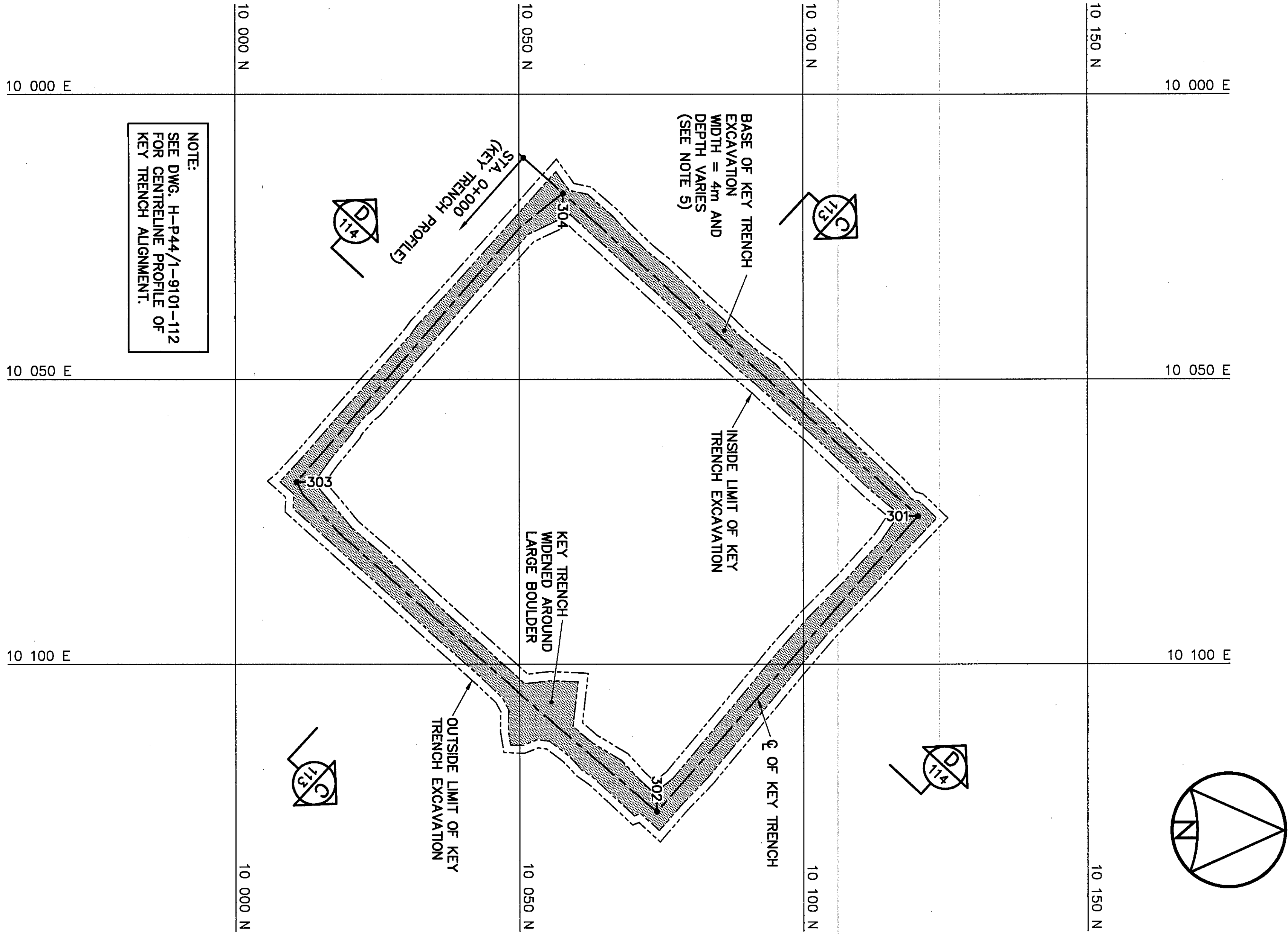


NOTE:
FOR TIER II DISPOSAL FACILITY
MONITORING WELL LOCATIONS,
SEE DWG. H-P44/1-9101-105.

GRADING/INSTRUMENTATION PLAN

FINAL LANDFILL SURFACE (AS-BUILT)			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
320	10 121.9	10 073.9	318.1
321	10 072.8	10 127.6	317.4
322	10 007.7	10 068.1	320.4
323	10 058.0	10 014.1	321.2

VERTICAL THERMISTORS (AS-BUILT)			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
VT-5	10 032.7	10 041.9	320.9
VT-6	10 090.2	10 060.8	319.3
VT-7	10 097.1	10 100.4	317.8
VT-8	10 050.8	10 086.6	319.1



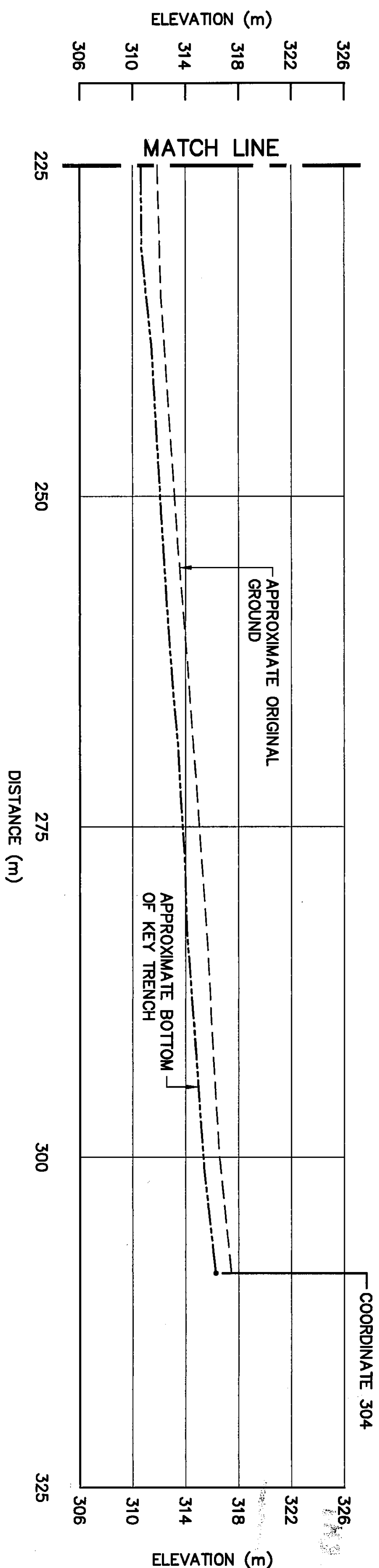
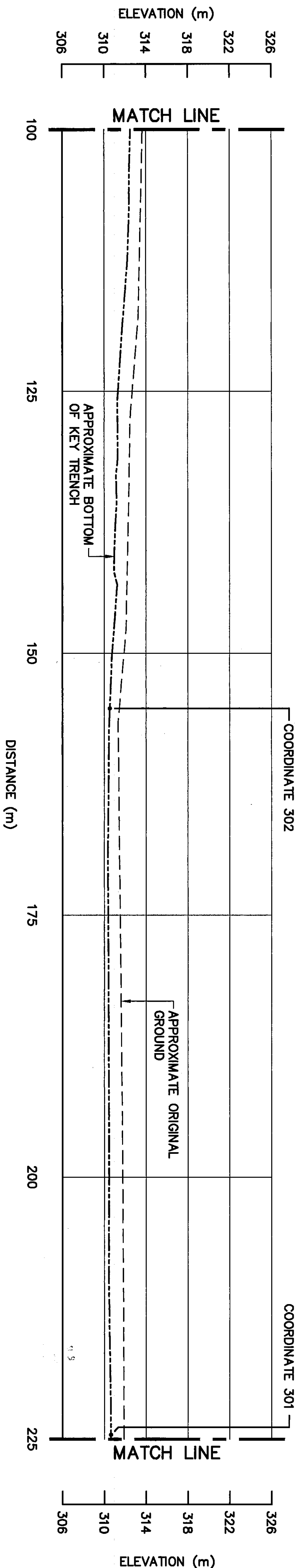
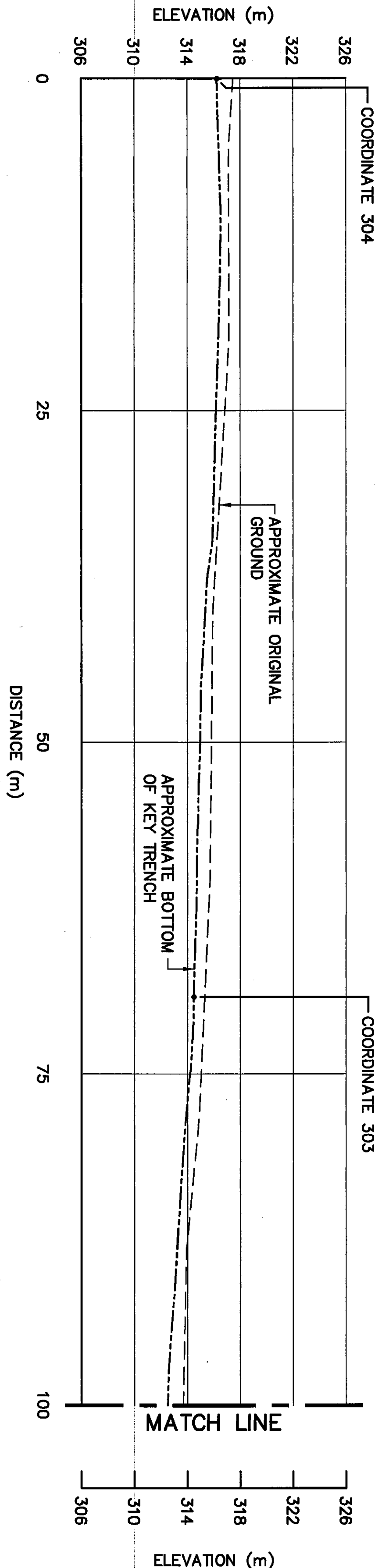
NOTE:
SEE DWG. H-P44/1-9101-112
FOR CENTRELINE PROFILE OF
KEY TRENCH ALIGNMENT.

KEY TRENCH EXCAVATION PLAN

KEY TRENCH EXCAVATION (AS BUILT)		
NO.	COORDINATES	
	NORTHING	EASTING
301	10 120.1	10 074.0
302	10 074.2	10 125.9
303	10 010.8	10 068.0
304	10 057.8	10 017.4

NOTE:
CONTOURS SHOWN AS DASHED LINES
WERE GENERATED FROM SURVEY
INFORMATION AND REPRESENT FINISHED
REGRADEING OR RESHAPING.

- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).



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As a condition of the
Professional Engineer's
Registration
PERMIT NUMBER: P839
NWT/NL Association of Professional
Engineers and Geoscientists

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SCALE - ÉCHELLE 5 2.5 0 5 10 15m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - MÉTIER SINTING DATE 2001-02-28

SUBJECT - SILET

TIER II DISPOSAL FACILITY
KEY TRENCH CENTRELINE PROFILE

PRODUCTION	CONCURRENCE - ASSÉNTIMENT
DESIGNED <i>TMS</i>	DES. CDT.
ETUDE	AGENT CONCEPT
DRAWN <i>LJJ</i>	SCHÉM. NO.
DESIGNÉ	CHÉF. SCHÉM.
CHECKED <i>TMS</i>	DES. VÉRIF.
REVUE	CHÉF. CONCEPT
COORDINATION <i>JMS</i>	REVIEWED - REVU
DWS NO. - DESIGN NO. H-144/1-3101-112	

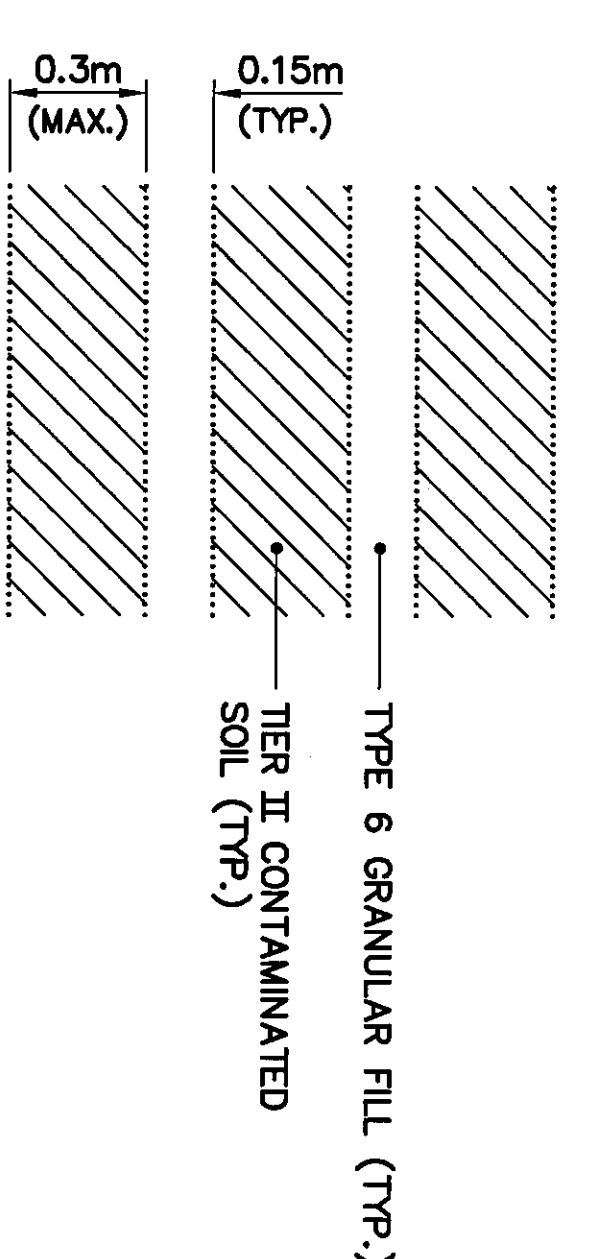
Headquarters
Quartier général

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).



NOTE:
GEOMEMBRANES IN CONTACT
WITH EACH OTHER OVER THE
TOP OF THE BERM.

NOTE:
ADDITIONAL TIER II SOIL LAYERS, MAY HAVE BEEN REQUIRED, TO ACHIEVE THE TIER II DISPOSAL FACILITY DESIGN ELEVATIONS.

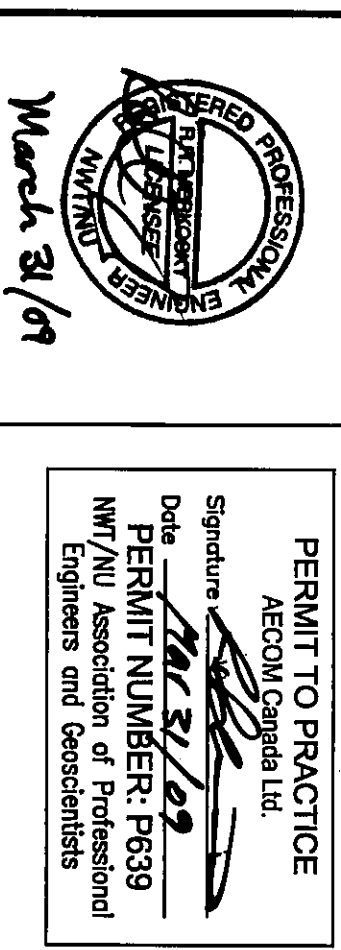


SCALE: NTS

SCALE: NTS

0	09-03-30	AS-BUILT DRAWING	RR
No.	DATE	REVISION	REVISION

GENERATED BASED ON AS-BUILT
SURVEY INFORMATION



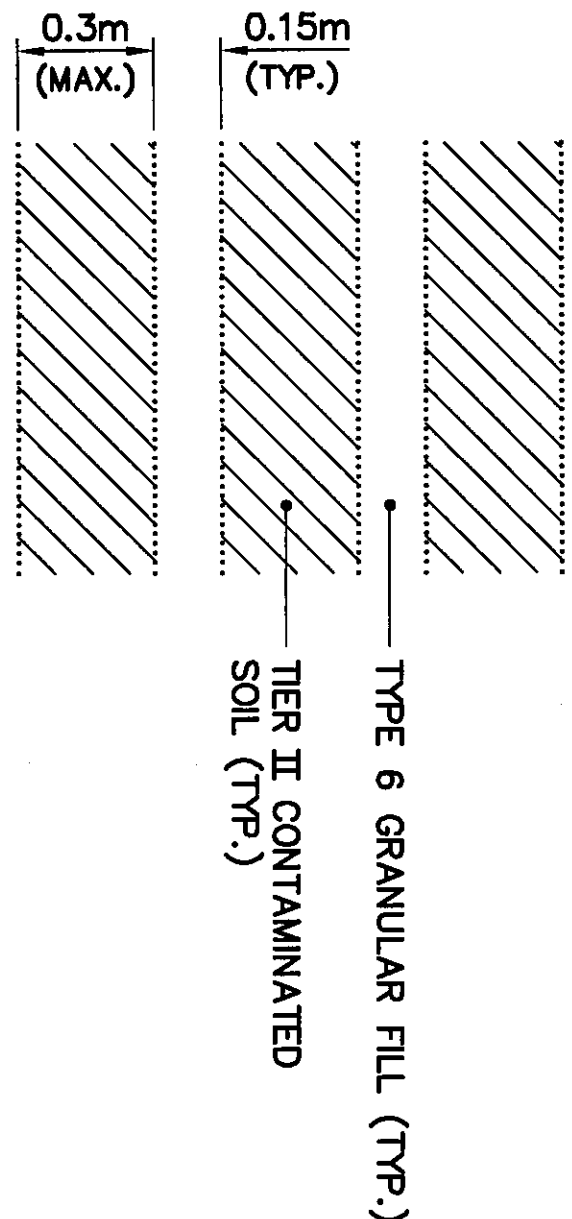
UMA AECOM HATCH

PROJEC - PROJEC
CAM-4 PELLY BAY

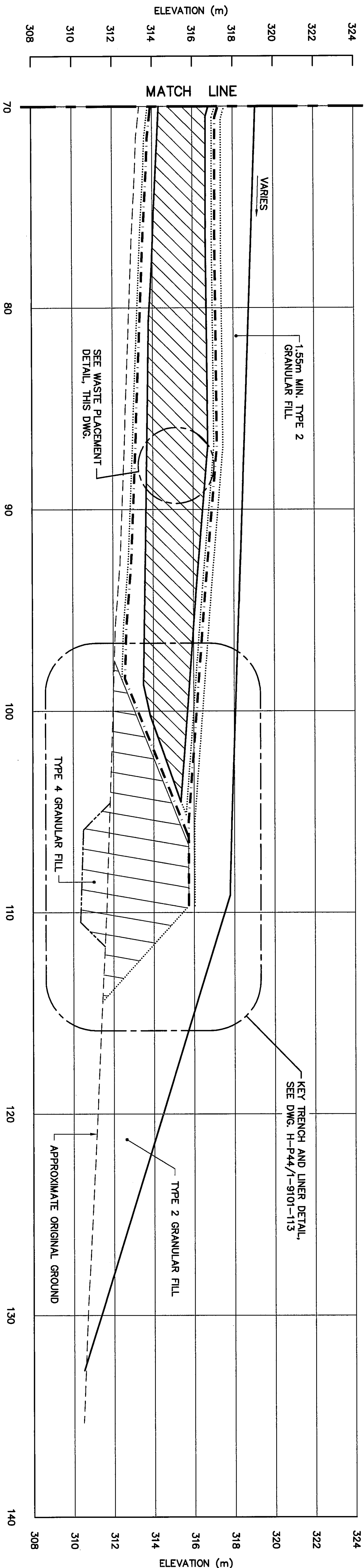
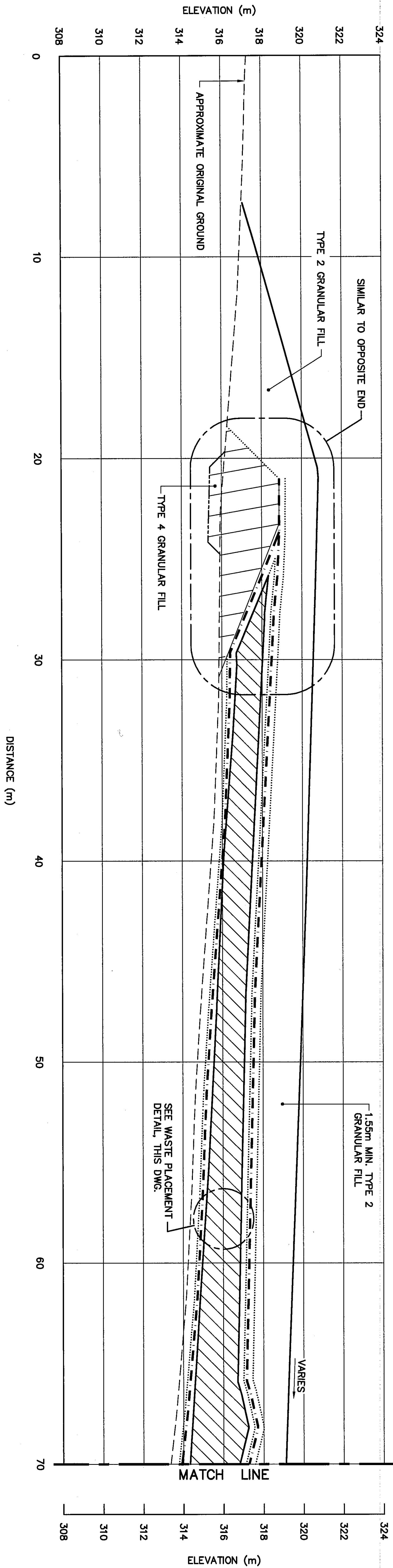
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TRAD - LETTER	SINING	DATE	2001-02-2
SUBJECT - SLUET			
TIER II DISPOSAL FACILITY			
CROSS SECTIONS			
SHEET 1			
PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	ETUDE	DES. OFF.	
DRAWN		AGENT	CONCEPT
DESIGN	L/L	SECT. HD.	
CHECKED		CHEF. SECT.	
VERIFIE	M/S	DES. MGR.	
COORDINATION		DESI. CONCEPT	
	5/85	REMOVED	- REVU
DWG. NO. - DESIGN NO.			
H-P44/1-9101-113			

NOTE:
ADDITIONAL TIER II SOIL LAYERS,
MAY HAVE BEEN REQUIRED TO
ACHIEVE THE TIER II DISPOSAL
FACILITY DESIGN ELEVATIONS.



WASTE PLACEMENT DETAIL
SCALE: NTS



SECTION
D
111

- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).

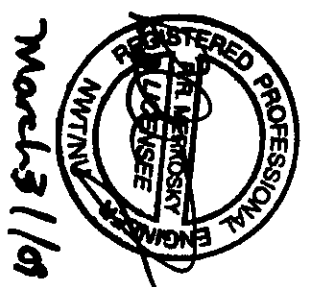
Legend:

GENERATED BASED ON AS-BUILT SURVEY INFORMATION

CONSTRUCTED AS PER DESIGN

NO AS-BUILT SURVEY INFORMATION

0	09-03-30	AS-BUILT DRAWING	KRM
No.	DATE	REVISION	APPR.



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Date: **03/14/09**
PERMIT NUMBER: PG39
WNT/NU Association of Professional
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SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METIER SINGING DATE 2001-02-28

SUBJECT - SUJET
**TIER II DISPOSAL FACILITY
CROSS SECTIONS
SHEET 2**

PRODUCTION	CONCURRENCE - ASSÉNTIMENT
DESIGNED TMS	DES. OFF. AGENT CONCEPT
DRAWN LW	SECT. HD. CHEF SECT.
CHECKED KMS	DES. MGR. CHEF MGR.
VERIFIED	DES. CONCEPT
COORDINATION SMC	REVIEWED - REVU
DWG. NO. - DESIGN NO. H-P44/I-9101-114	

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR VERTICAL THERMISTOR INSTALLATION DETAILS, SEE DWG. H-P-44/-9101-154.
5. KEY TRENCH EXOUNDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GRAVEL (DEPTH VARIES), SEE DWG. H-P-44/-9101-117.

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR VERTICAL THERMISTOR INSTALLATION DETAILS, SEE DWG. H-P-44/-9101-154.
5. KEY TRENCH EXOUNDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GRAVEL (DEPTH VARIES), SEE DWG. H-P-44/-9101-117.

50' VT

COORDINATE POINT
VERTICAL THERMISTOR
INSTALLATION (4)

LANDFILL OR BURIED DEBRIS
EXCAVATION AREA

March 21/09

The seal is circular with the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "ANNUAL" at the bottom. In the center, there is a vertical line with the word "PROFESSIONAL" written vertically on it. A signature is written across the seal.

Signature _____
Date: March 21/09
Permit Number: 8639
NWT/NU Association of Professional Engineers and Geoscientists

SCALE - ECHELLE 10 5 0 10 20 30m

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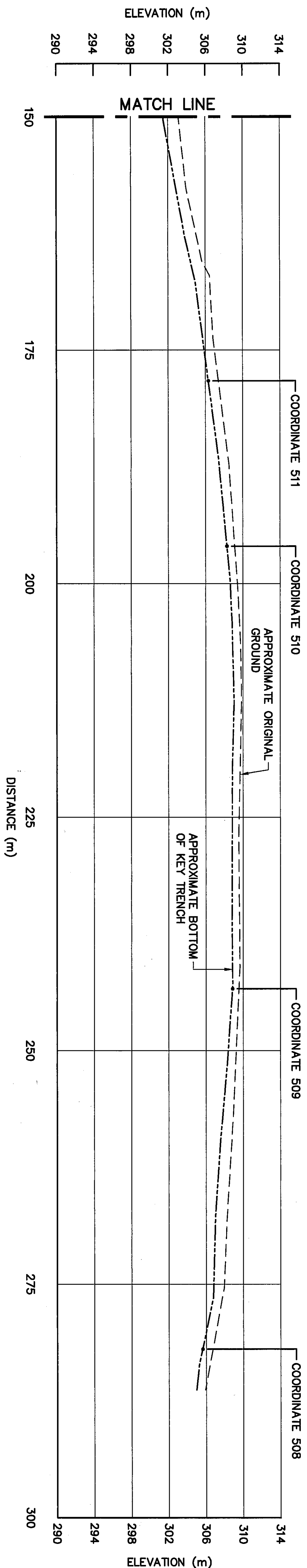
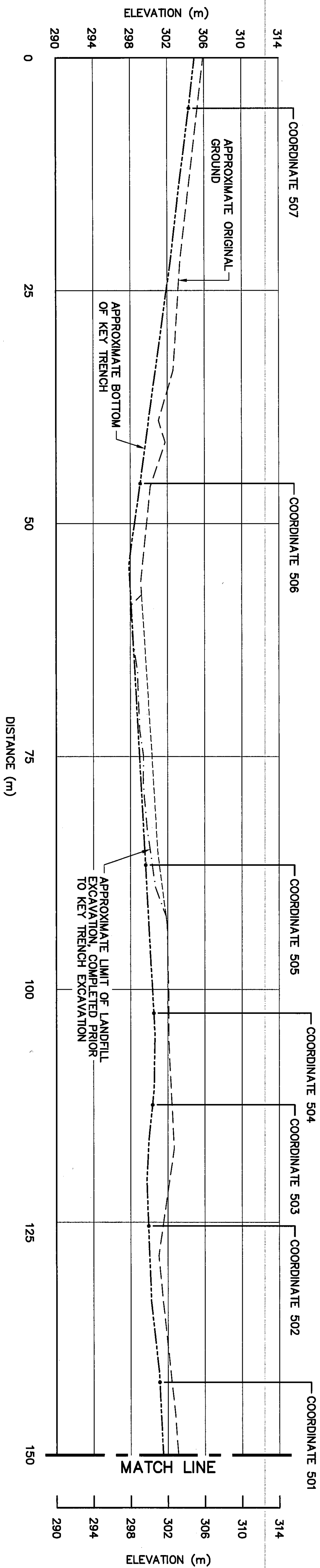
TRADE - METIER
SITTING
DATE
2001-02-28

UPPER SITE LANDFILL
KEY TRENCH EXCAVATION PLAN &
GRADING/INSTRUMENTATION PLAN

PRODUCTION	CONCURRENCE - ASSIGNMENT
DESIGNED ETUDE <i>TMS</i>	DES OFF AGENT CONCEPT
DRAWN DESSEIN <i>L/L</i>	SECT HD CHER SECT
CHECKED VERIFIE <i>MMS</i>	DES MMR GEST CONCEPT
COORDINATION <i>JMS</i>	REMOVED - REVU

DWG. NO. - DESIGN NO.
H-P44/-9101-116

- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).



0	09-03-20	AS-BUILT DRAWING	R/M
No.	DATE	REVISION	APPR.



PERMIT TO PRACTICE
AECOM/Canada Ltd.
Signature: *[Signature]*
PERMIT NUMBER: P639
WNY/NY Association of Professional
Engineers and Geoscientists

UMA | AECOM | **HATCH**

SCALE - GRAPHIC 5 2.5 0 5 10 15m

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METER	SITING	DATE
		2001-02-28

SUBJECT - SUBJECT
UPPER SITE LANDFILL
KEY TRENCH CENTRELINE PROFILE

PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	<i>TMS</i>	DES. OFF.	
ETUDE		AGENT CONCEPT	
DRAWN	<i>LW</i>	SECT. NO.	
DESIGNED		CHEF SECT.	
CHECKED	<i>TMS</i>	DES. MGR.	
VERIFIE		CHIEF CONCEPT	
COORDINATION	<i>TMS</i>	REVIEWED - REV0	
DWG. NO. - DESIGN NO. H-944/1-9101-117			

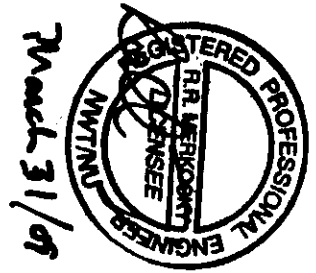
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).

Legend:

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

0	09-03-20	AS-BUILT DRAWING	RAM
No.	DATE	REVISION	REVISION
APPR.			



PERMIT TO PRACTICE
As per W. N. B. 9
PERMIT NUMBER: P639
WNY/NU Association of Professional Engineers and Geoscientists

UMA | AECOM | **HATCH**

SCALE - GRAPHIC 2 1 0 2 4 6m
PROJECT - PROJECT CAM-4 PELLY BAY

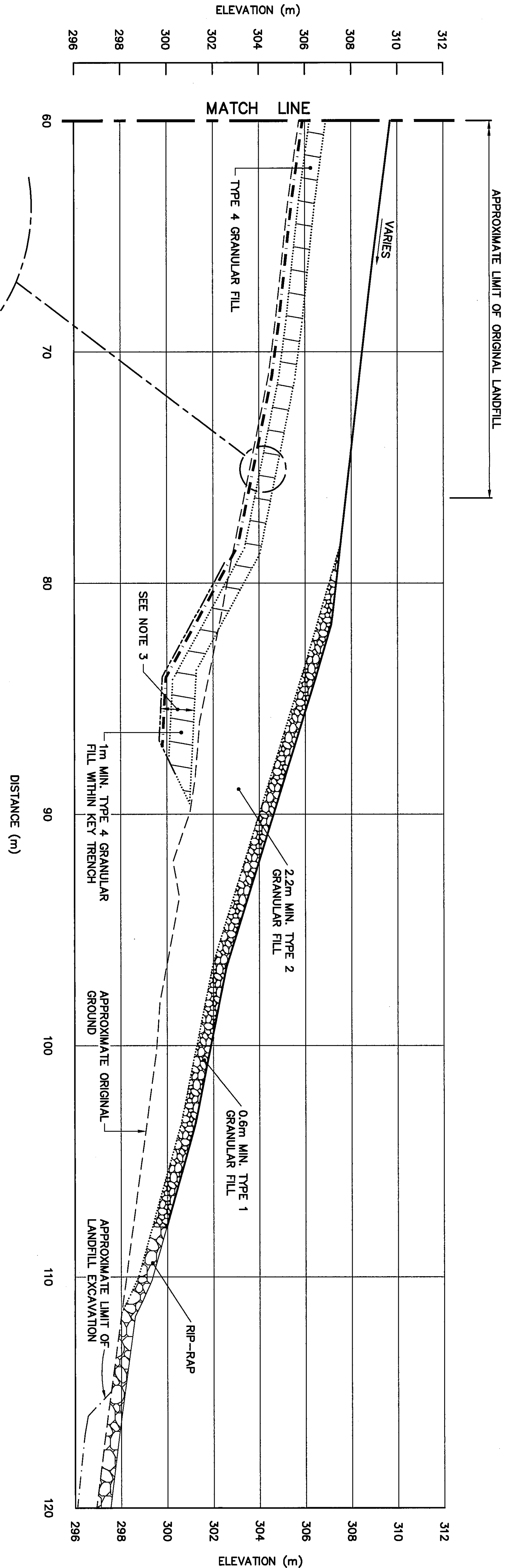
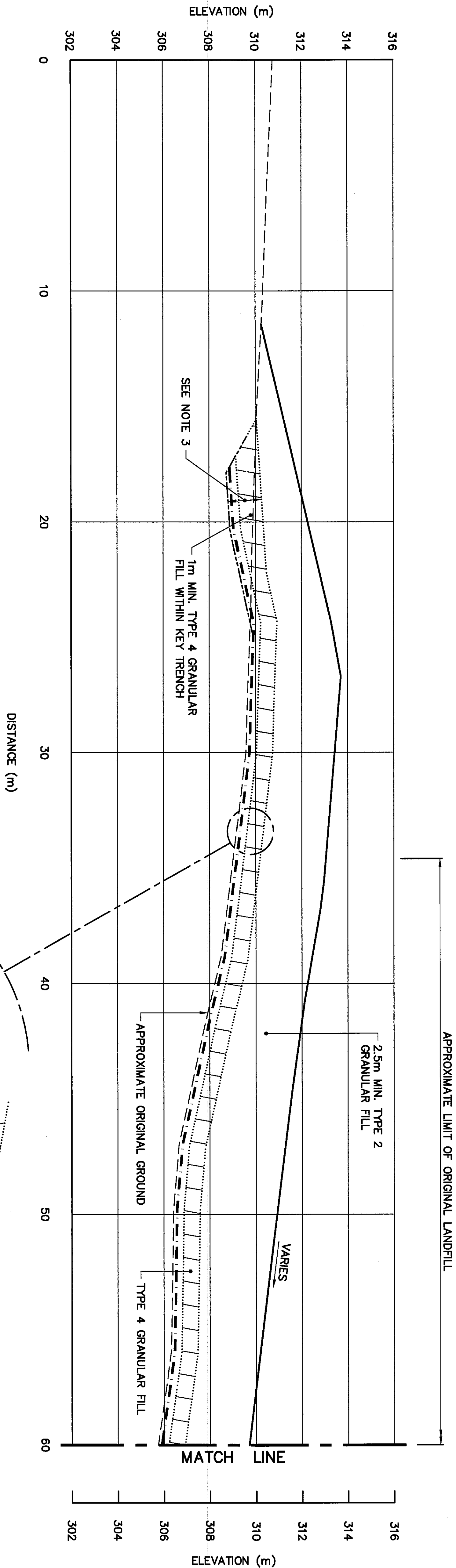
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TRADE - METTER SITTING	DATE 2001-02-28
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UPPER SITE LANDFILL CROSS SECTIONS SHEET 1

PRODUCTION	CONCURRENCE - ASSENTMENT
DESIGNED	DES. OFF.
ETUDE	AGENT CONCEPT
DRAWN	SCOT HN
DESIGNED	CHEF SECT
CHECKED	DES. MGR
VERIFIE	DESI CONCEPT
COORDINATION	REVIEWED - REVU
DWG. NO. - DESIGN NO.	H-P44/1-9101-118



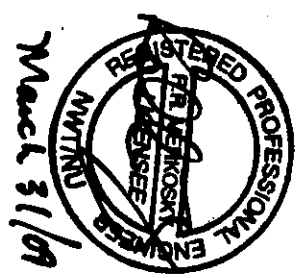
General Notes:

- ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- APPROXIMATE LIMIT OF ORIGINAL LANDFILL FOLLOWING LANDFILL EXCAVATION.
- KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).

Legend:

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

No.	DATE	REVISION	REVISION	APP.
0	08-03-30	AS-BUILT DRAWING		RAM



PERMIT TO PRACTICE
NEIL G. GOSSOLIN
Signature: *Neil G. Gosselin*
PERMIT NUMBER: P839
NWT/NV Association of Professional Engineers and Geoscientists

UMA | AECOM | **HATCH**

SCALE - ECHELLE 2 1 0 2 4 6m
PROJECT - PROJECT

CAM-4 PELLY BAY

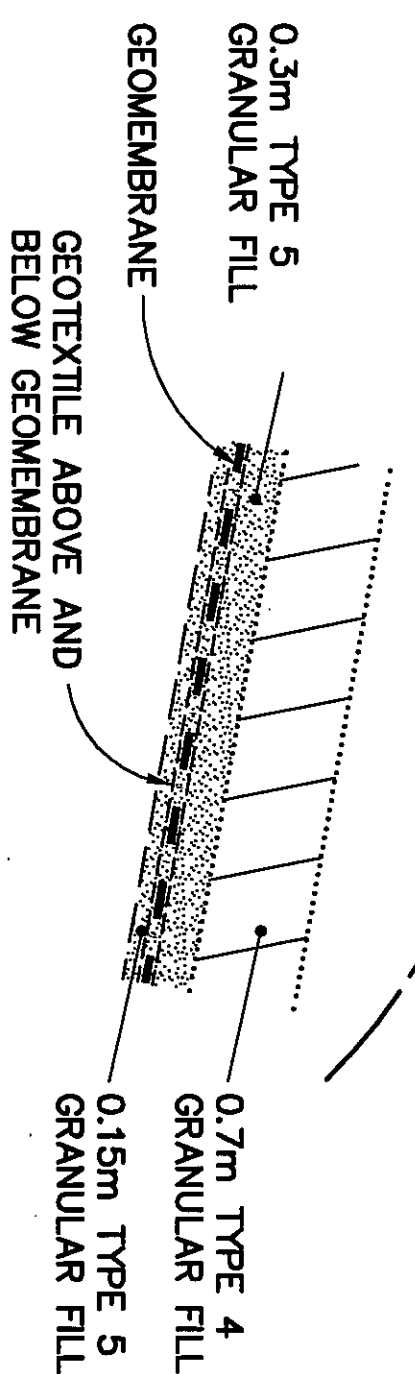
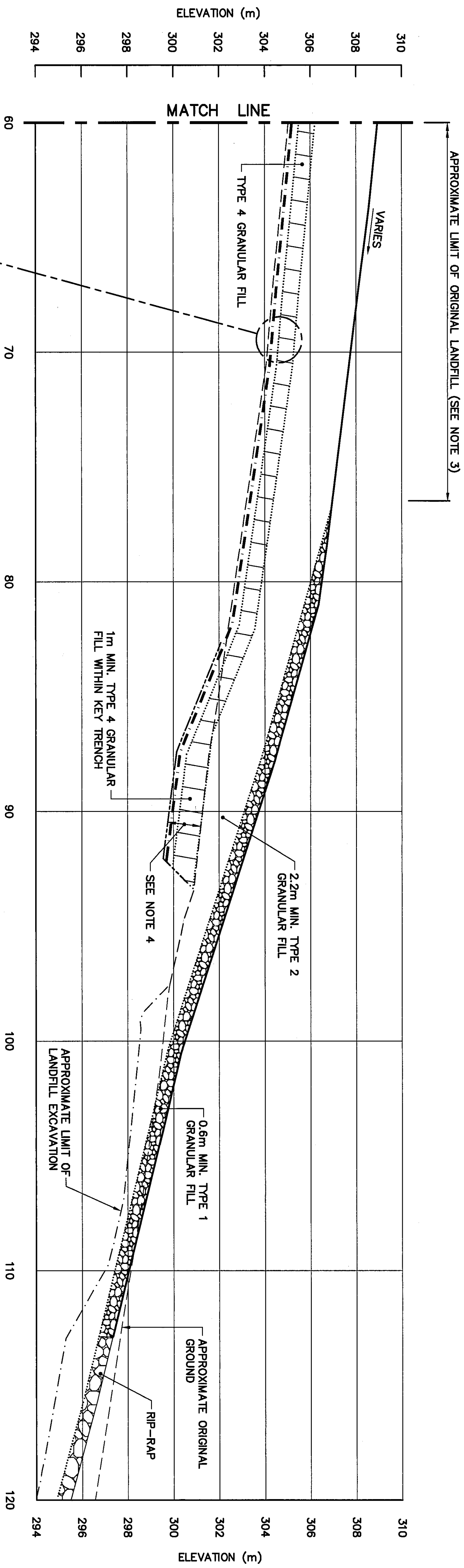
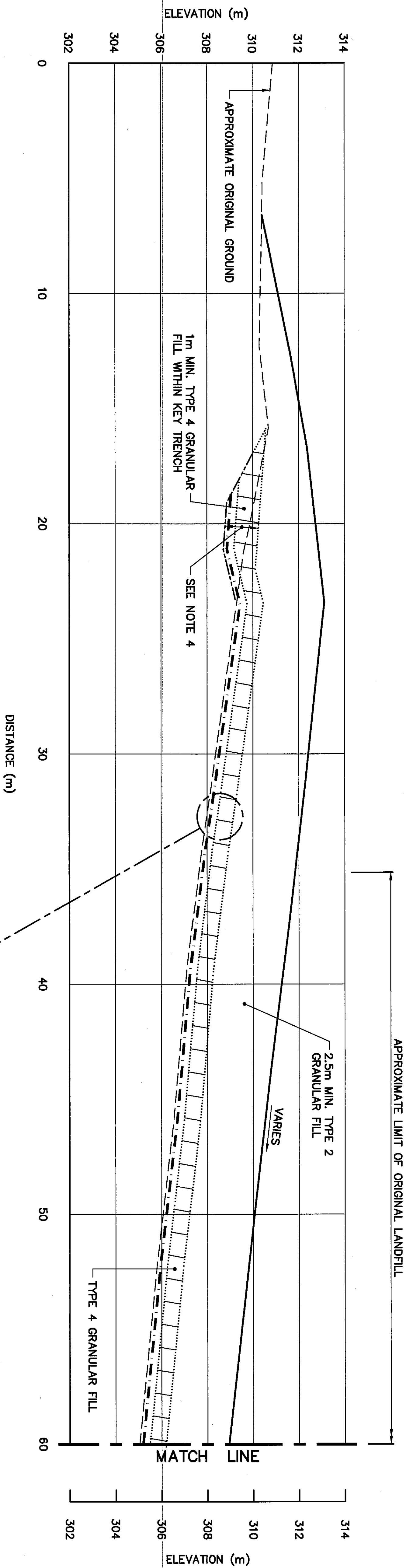
DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METTER SITING DATE 2001-02-28

SUBJECT - SUELT
UPPER SITE LANDFILL
CROSS SECTIONS
SHEET 2

PRODUCTION	CONFORMANCE - ASSESSMENT
DESIGNED <i>TMS</i>	DES. OFF.
ETIOUR	AGENT CONCEPT
DRAWN <i>LW</i>	SET UP
DESIGNED <i>LW</i>	CHEF SECT
CHECKED <i>KMS</i>	DES. WORK
VERIFIED	DES. CONCEPT
COORDINATION <i>JMS</i>	REVIEWED - REV.0
DWS NO. - DESIGN NO. H-4471-3101-119	



- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 4. LIMIT OF SECONDARY EXCAVATION WAS FIELD DETERMINED BY CONDUCTING TESTS OF BARRIERS AND TEST EXCAVATIONS AT THE LANDFILL PERIMETER AND AT DEPTH.

Legend:

• 601
COORDINATE POINT

▨
LANDFILL OR BURIED DEBRIS EXCAVATION AREA

No.	DATE	REVISION	REVISION	APP.
0	09-03-30	AS-BUILT DRAWING		RHM



PERMIT TO PRACTICE
Signature: *Mark A. Smith*
PERMIT NUMBER: P639
WNY/NV Association of Professional Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - EXHIBIT AS SHOWN

PROJECT - PROJECT CAM-4 PELLY BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METER	SITING	DATE
SUBJECT - SILENT		2001-02-28

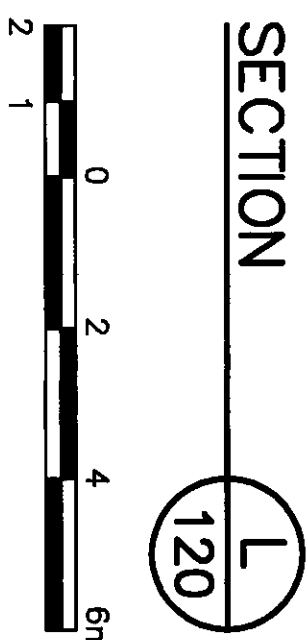
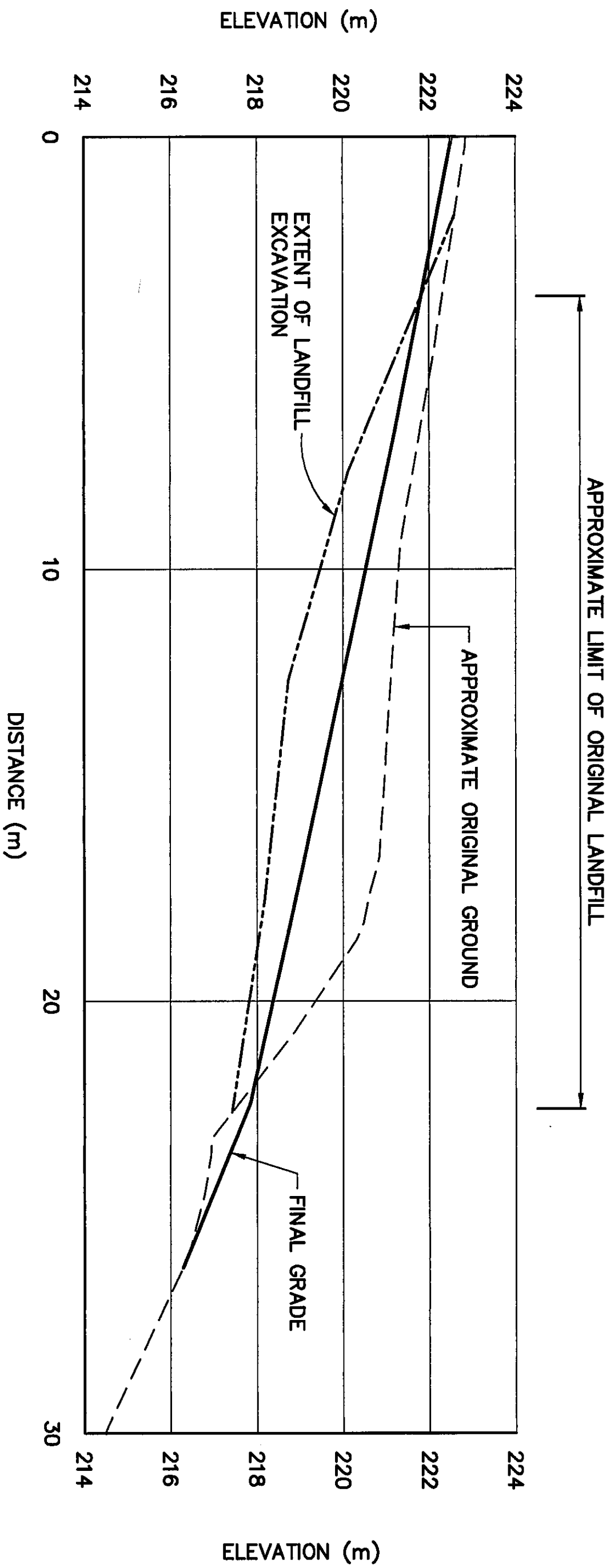
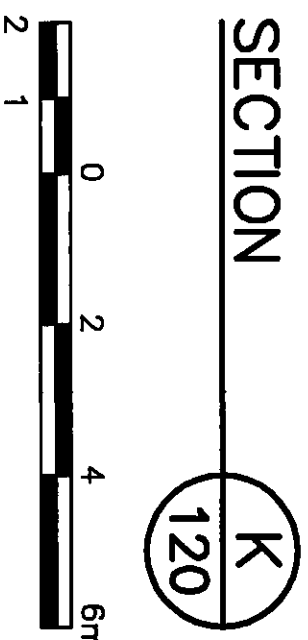
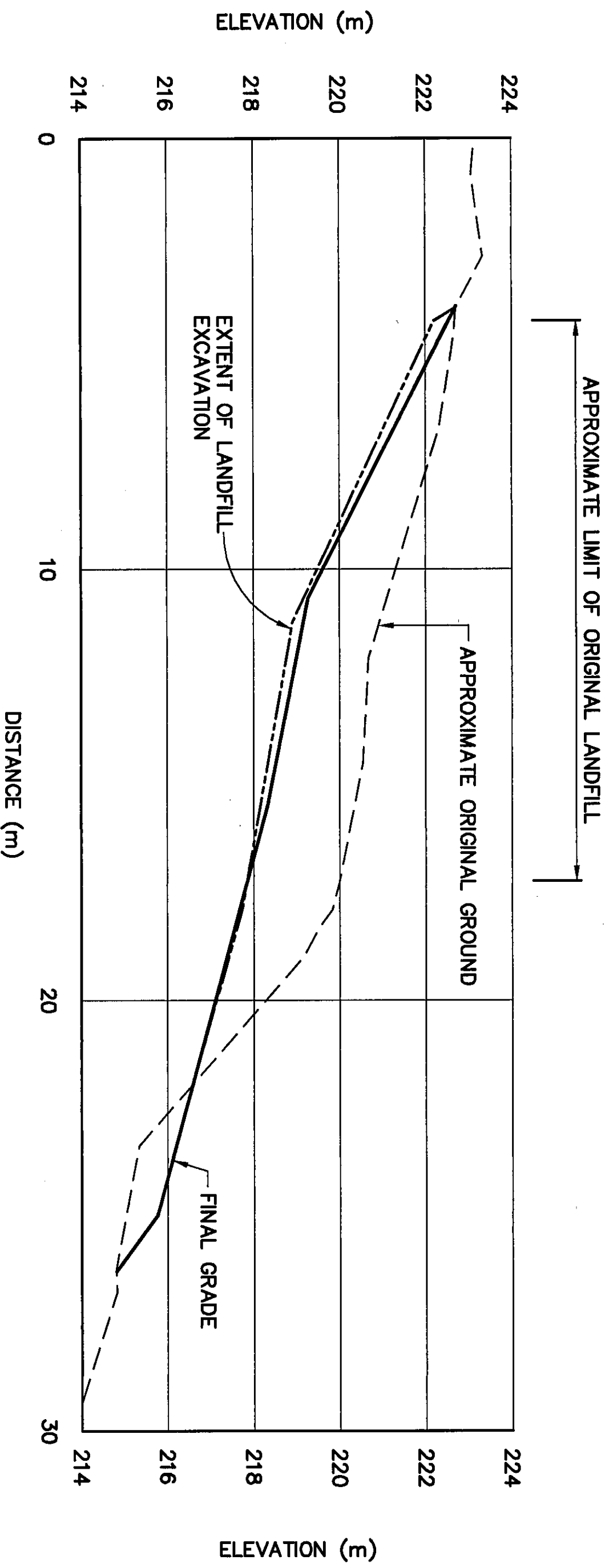
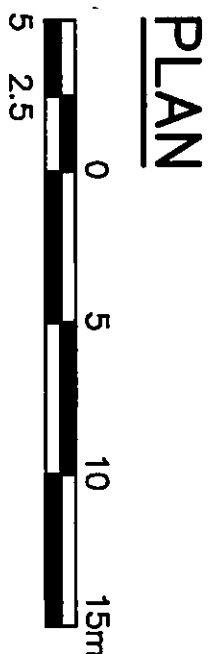
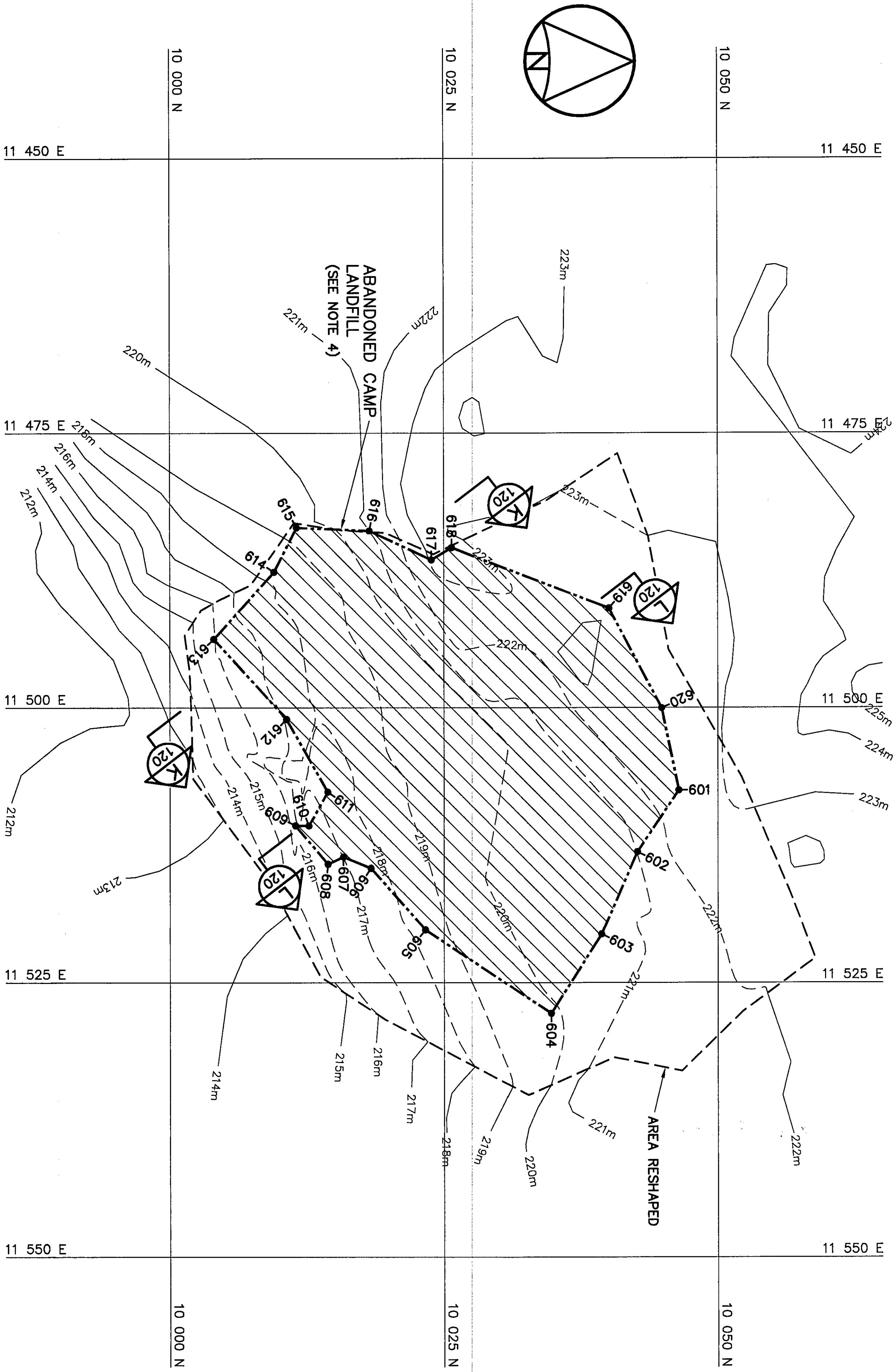
ABANDONED CAMP LANDFILL
PLAN AND CROSS SECTIONS

PRODUCTION		CONCURRENCE - ASSESSMENT	
DESIGNED	<i>THS</i>	DES. OFF.	
ETUDE		AGENT CONCEPT	
DRAWN	<i>LJJ</i>	SECT HD	
DESIGNED		CHIEF SECT	
CHECKED	<i>KMS</i>	DES. MGR	
VERIFIE		TEST CONCEPT	
COORDINATION		REVIEWED - NEW	
	<i>JMS</i>		
DWG. NO. - DESIGN NO.		H-P44/1-9101-120	

Canada

ABANDONED CAMP LANDFILL EXCAVATION (AS-BUILT)		
NO.	COORDINATES	
	NORTHING	EASTING
601	10 046.4	11 507.5
602	10 042.6	11 513.1
603	10 039.4	11 520.6
604	10 034.8	11 527.8
605	10 023.3	11 520.2
606	10 018.3	11 514.6
607	10 015.8	11 513.6
608	10 014.4	11 514.2
609	10 011.5	11 510.7
610	10 012.7	11 510.7
611	10 014.4	11 507.7
612	10 010.6	11 501.1
613	10 004.0	11 493.7
614	10 009.5	11 487.6
615	10 011.6	11 483.6
616	10 018.2	11 483.9
617	10 023.9	11 486.5
618	10 025.7	11 485.4
619	10 040.1	11 480.9
620	10 044.9	11 500.0

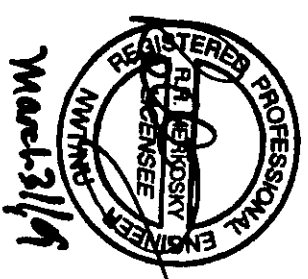
NOTE:
CONTOURS SHOWN AS DASHED LINES
WERE GENERATED FROM SURVEY
INFORMATION AND REPRESENT FINISHED
GROUND SURFACE FOLLOWING
REGRAIDING OR RESHAPING.



- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 4. LIMIT OF SECONDARY EXCAVATION WAS FIELD VERIFIED BY COMPARATORY TESTING OF SURVEY MONUMENTS, EXCAVATION PERIMETER AND AT DEPTH.

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

No.	0	10-03-30	AS-BUILT DRAWING	RAM
DATE	REVISION	REVISION	APPR.	



PERMIT TO PRACTICE
AECOM
Signature: *Michael J. Macdonald*
Permit Number: P839
NWT/NV Association of Professional Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - ÉCHELLE
AS SHOWN

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

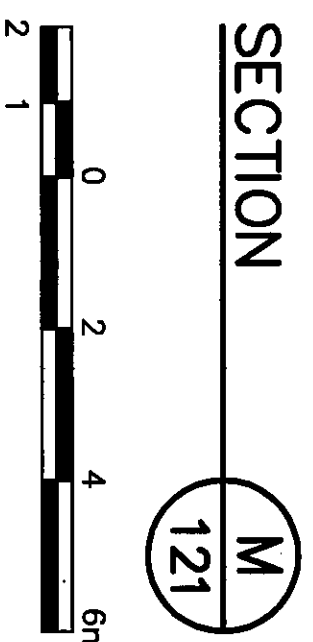
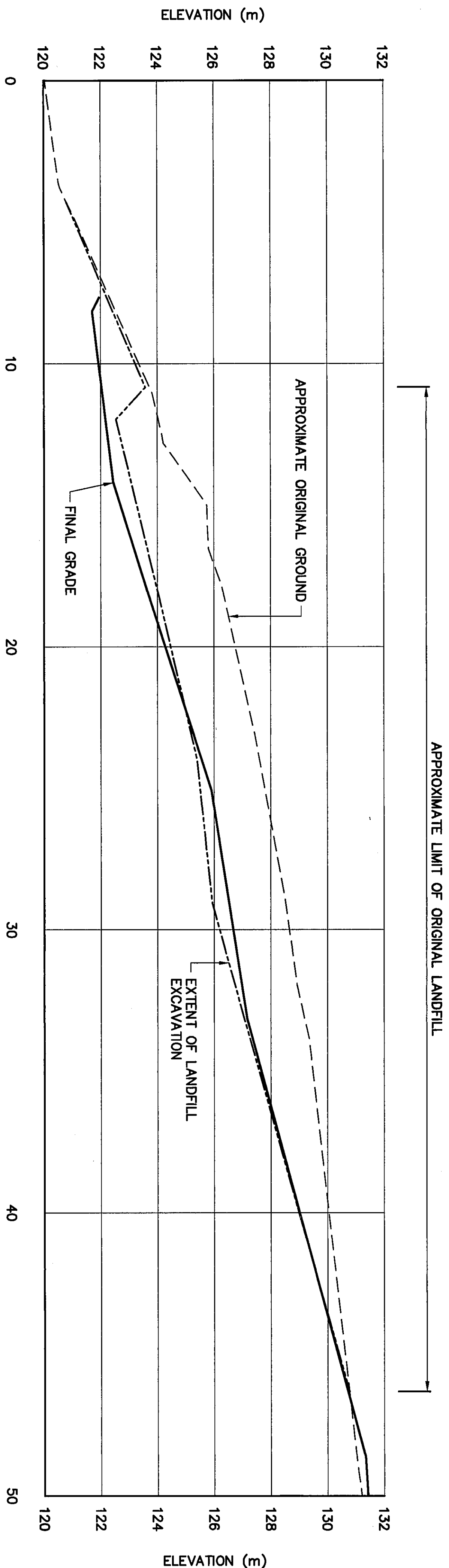
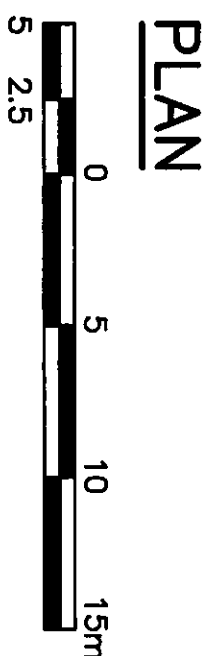
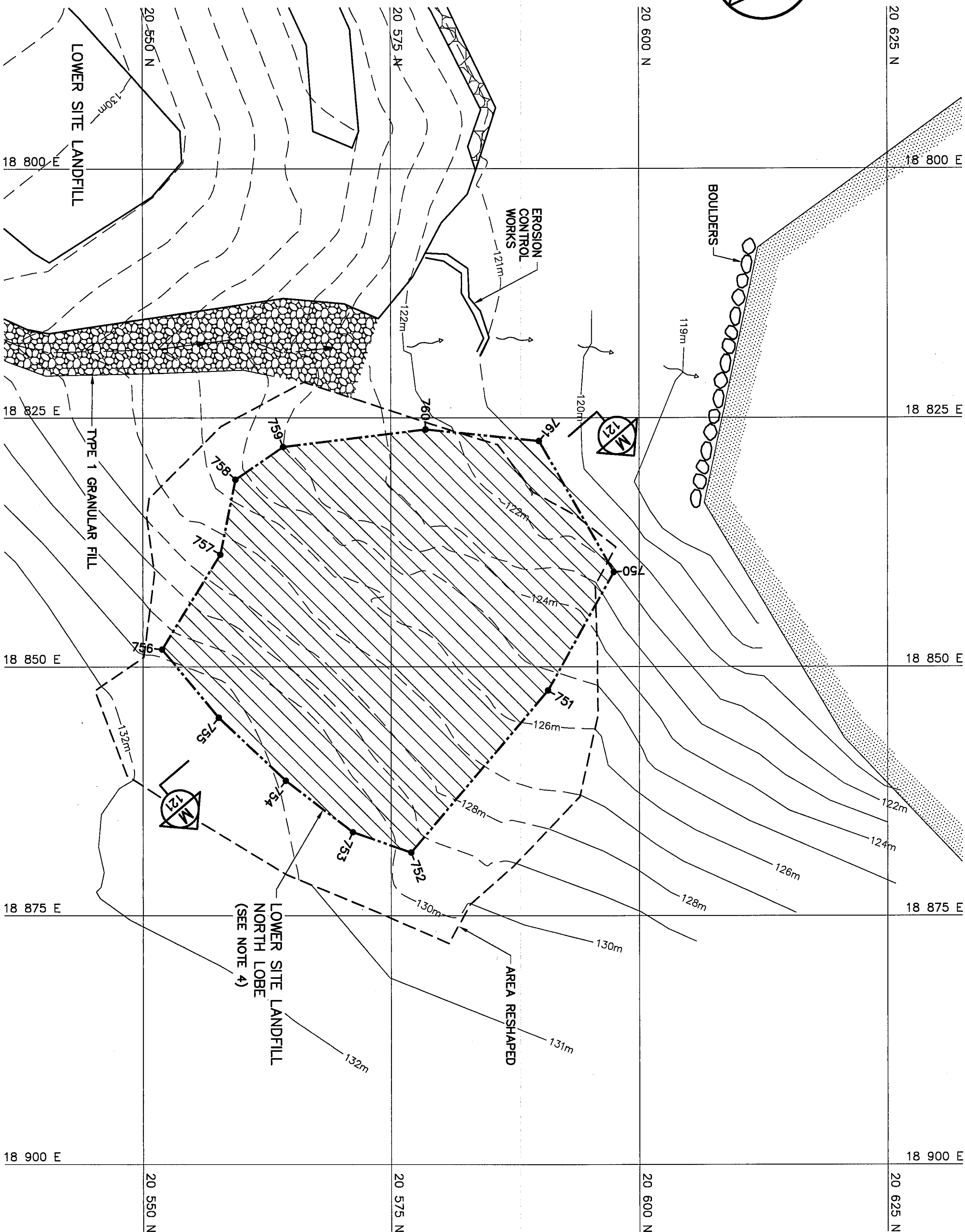
TRADE - MÉTIER	SITING	DATE
		2001-02-28

SUBJECT - SUJET
LOWER SITE LANDFILL
NORTH LOBE
PLAN AND CROSS SECTION

PRODUCTION		CONFIRMANCE - ASSENTIMENT	
DESIGNED	TMS	DES. OFF.	
ETUDE		AGENT CONCEPT	
DRAWN	LJV	SECT. NO.	
DESIGNÉ		ORDER SECT.	
CHECKED	TMS	DES. MGR.	
VÉRIFIÉ		DES. CONCEPT	
COORDINATION	JMS	REVIEWED - REVU	
DWG. NO. - DESIGN NO. 11-144/1-9101-121			

LOWER SITE LANDFILL-NORTH LOBE EXCAVATION (AS-BUILT)		
NO.	COORDINATES	
	NORTHING	EASTING
750	20 597.4	18 840.5
751	20 590.8	18 852.4
752	20 577.0	18 868.7
753	20 571.1	18 866.6
754	20 564.4	18 861.4
755	20 557.6	18 855.1
756	20 551.9	18 848.3
757	20 557.8	18 838.7
758	20 559.3	18 831.2
759	20 564.1	18 827.9
760	20 578.5	18 826.1
761	20 589.9	18 827.3

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



1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR VERTICAL THERMISTOR INSTALLATION DETAILS, SEE DWG. H-P44/-9101-134.
5. KEY TRENCH EXOUNDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES). SEE DWG. H-P44/-9101-123.


 COORDINATE POINT

 VERTICAL THERMISTOR/PIEZOMETER
 INSTALLATION (4)

PERMIT TO PRACTICE
AECOM Canada Ltd.

Signature 
Date Mar 31/09
PERMIT NUMBER: P639
NMT/NU Association of Professional
Engineers and Geoscientists

SCALE - ECHELLE 10 5 0 10 20 30mm

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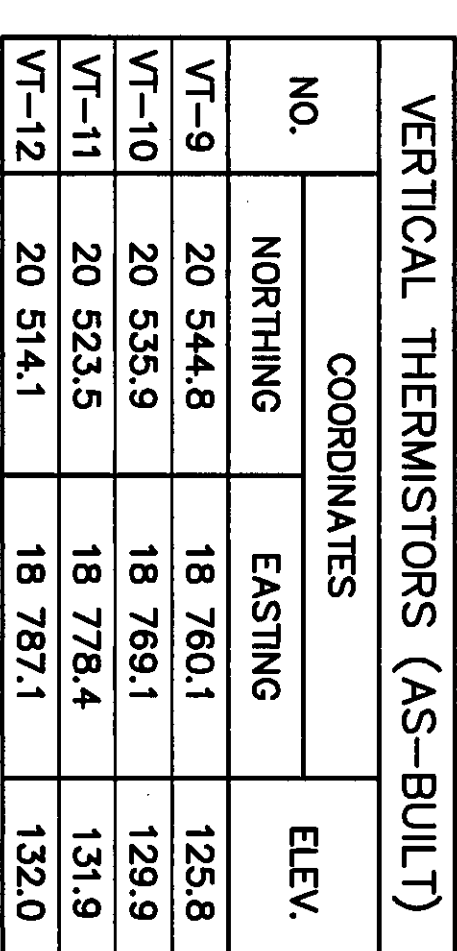
TRADE - METIER	DATE
SITING	2001-02-28

**LOWER SITE LANDFILL
KEY TRENCH EXCAVATION PLAN &
GRADING/INSTRUMENTATION PLAN**

PRODUCTION		COORD./REFERENCE – ASSIGNMENT	
DESIGNED ETUDE	<i>TMS</i>	DES OFF AGENT	CONCEPT
DRAWN DESSINE	<i>LJJ</i>	SECT HD CHER SECT	
CHECKED VERIFIE	<i>KMS</i>	DES MOR GEST CONCEPT	
COORDINATION		REVIEWED – REVU	

DWG. NO. — DESSIN NO.
H-P44/1-9101-122

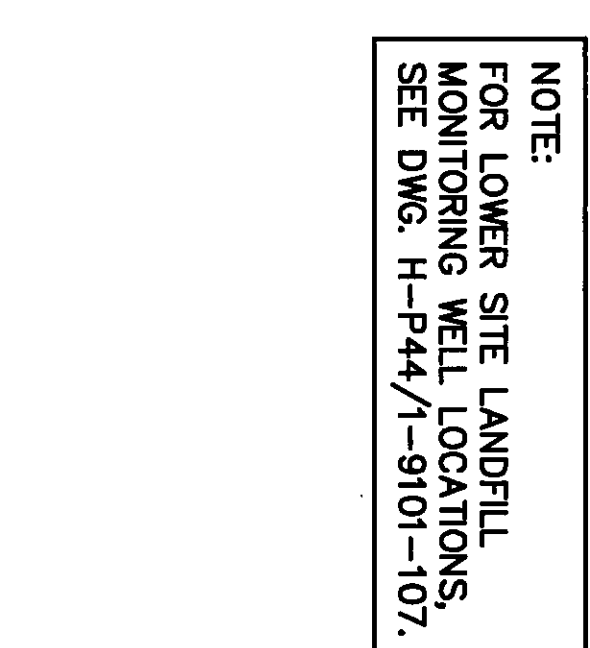
Canada



KEY TRENCH EXCAVATION PLAN

KEY TREND EXCAVATION (DESIGN)*		
NO.	COORDINATES	
	NORTHING	EASTING
801	20 567.8	18 790.7
802	20 542.0	18 811.4
803	20 496.4	18 774.4
804	20 482.9	18 769.8
805	20 436.8	18 747.7
806	20 443.8	18 720.7
807	20 454.6	18 705.5
808	20 467.3	18 715.6
809	20 479.1	18 719.8
810	20 510.0	18 734.5
811	20 524.5	18 743.1
812	20 545.6	18 758.4
813	20 562.9	18 776.4
814	20 567.4	18 786.0

*** NOTE: KEY TRENCH ALIGNMENT CONSTRUCTED AS PER DESIGN, NO AS-BUILT SURVEY INFORMATION.**



GRADING/INSTRUMENTATION PLAN

FINAL LANDFILL SURFACE (AS-BUILT)									
NO.	COORDINATES			NO.	COORDINATES			ELEV.	
	NORTHING	EASTING			NORTHING	EASTING			
820	20 540.6	18 809.4	129.1	836	20 526.3	18 767.3	131.3		
821	20 514.5	18 788.7	131.9	837	20 553.6	18 796.2	129.2		
822	20 503.4	18 779.1	132.2	838	20 554.0	18 799.3	128.8		
823	20 493.5	18 774.4	133.4	839	20 551.0	18 802.8	129.0		
824	20 478.2	18 775.4	134.7	840	20 571.9	18 796.3	125.0		
825	20 470.3	18 774.2	135.1	841	20 570.9	18 786.0	124.4		
826	20 463.2	18 770.8	136.1	842	20 566.9	18 777.1	124.3		
827	20 436.7	18 747.5	137.3	843	20 551.8	18 760.0	125.5		
828	20 446.8	18 738.4	137.0	844	20 556.7	18 748.6	126.3		
829	20 456.6	18 737.6	137.0	845	20 519.9	18 736.9	127.9		
830	20 466.5	18 736.2	136.5	846	20 505.8	18 731.5	129.0		
831	20 478.6	18 743.1	135.6	847	20 477.9	18 716.1	129.8		
832	20 490.4	18 744.6	134.1	848	20 467.3	18 712.3	130.4		
833	20 504.9	18 747.5	132.2	849	20 455.4	18 713.1	130.9		
834	20 517.1	18 755.9	131.6	850	20 445.8	18 716.5	131.3		
835	20 523.6	18 762.6	131.3						

LOWER SITE LANDFILL

RELINCH EXCAVATION PLAN & GRADING/INSTRUMENTATION PLAN

PRODUCTION	CONCURRENCE - ASSENTMENT
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DESIGNED ETIDINE	<i>TMS</i>	DES OFF AGENT CONCEPT
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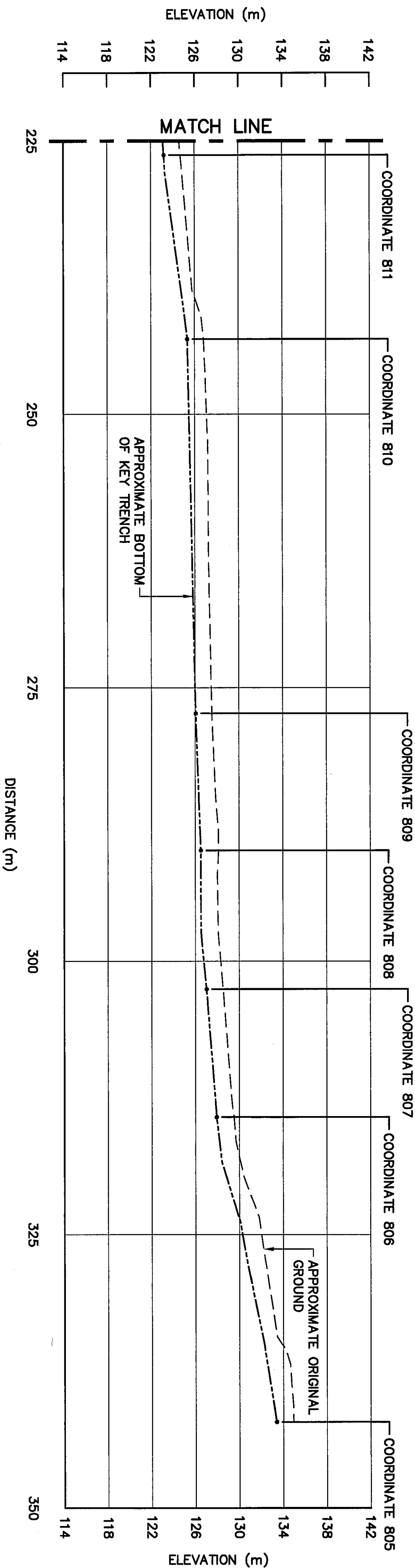
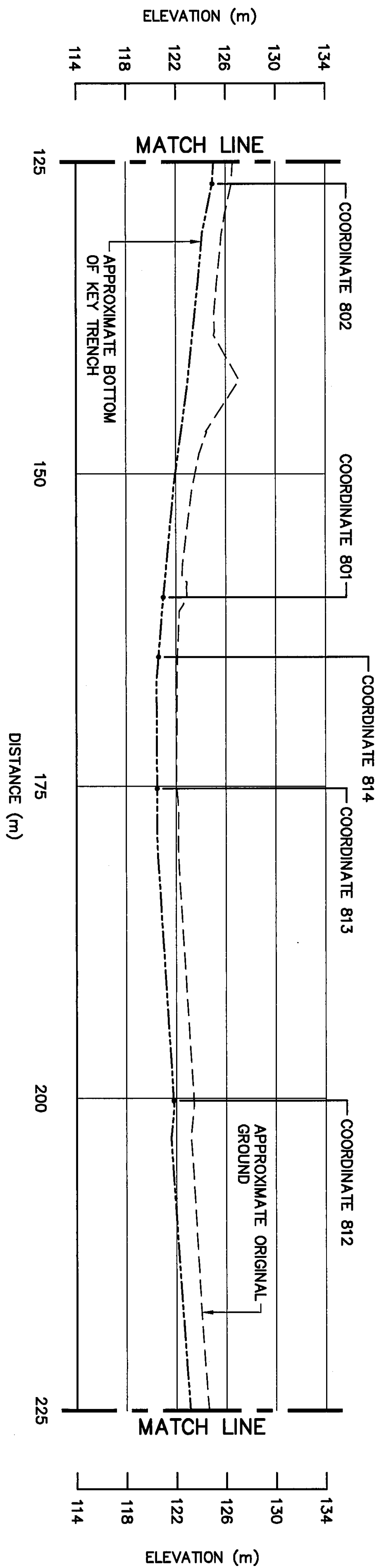
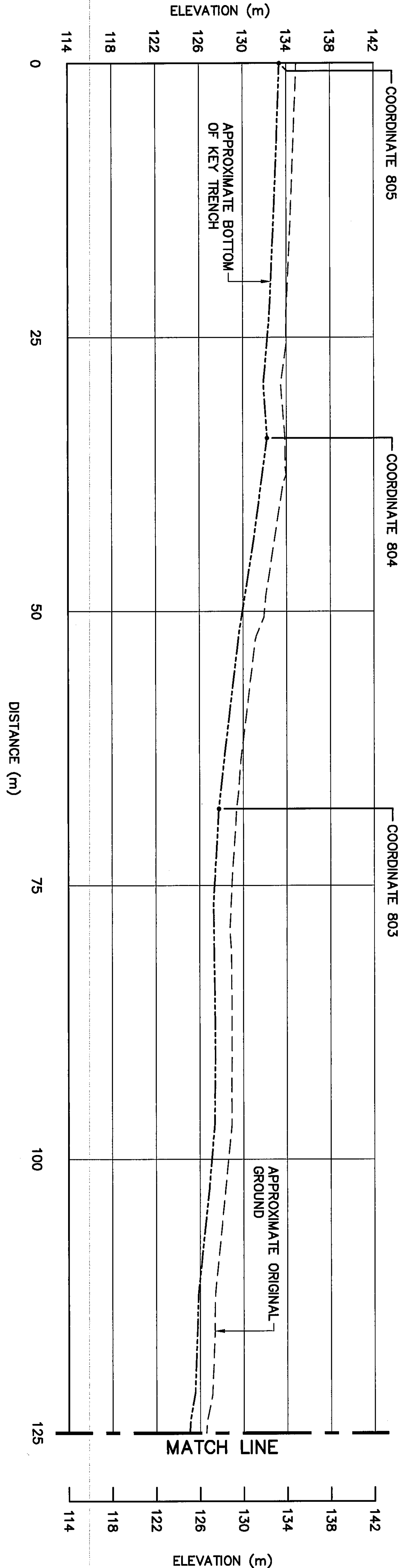
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CHECKED VERIFIE	KMS	DES MOR GEST CONCEPT
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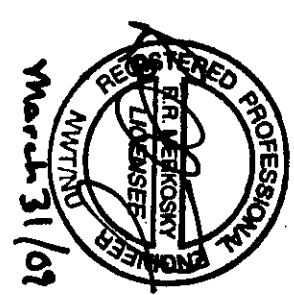
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DWG NO.	DESIGN NO.

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).



0	09-03-30	AS-BUILT DRAWING	RFM
No.	DATE	REVISION	REVISION
			APPR.



PERMIT TO PRACTICE
AECOM
SUPERVISOR
PERMIT NUMBER: P839
MEMBER: Association of Professional
Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - ÉCHELLE 5 2.5 0 5 10 15m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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CANADA, 2009, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - MÉTIER SINGING DATE 2001-02-28

SUBJECT - SILET

LOWER SITE LANDFILL
KEY TRENCH CENTRELINE PROFILE

PRODUCTION	CONCURRENCE - ASSÉNIEMENT
DESIGNED TMS	DES. OFT.
STUDIED	AGENT CONCEPT
DRAWN LW	SECT. NO.
DESIGNED	ORDER SECT.
CHECKED TMS	DES. NO.
DATE	DES. CONCEPT
COORDINATION	REVIEWED - REVU
TMS	

DMG. NO. - DESIGN NO.
H-144/1-9101-123

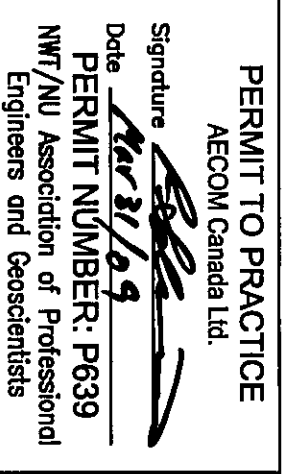
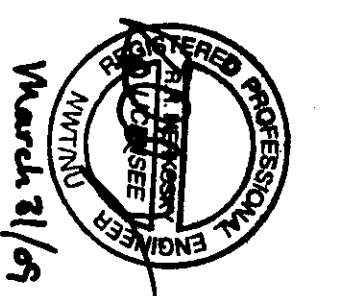
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).

Legend:

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

No.	DATE	REVISION	REVISION	APPR.
0	09-03-20	AS-BUILT DRAWING		RM



UMA | AECOM | HATCH

SCALE - ÉCHELLE 2 1 0 2 4 6m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

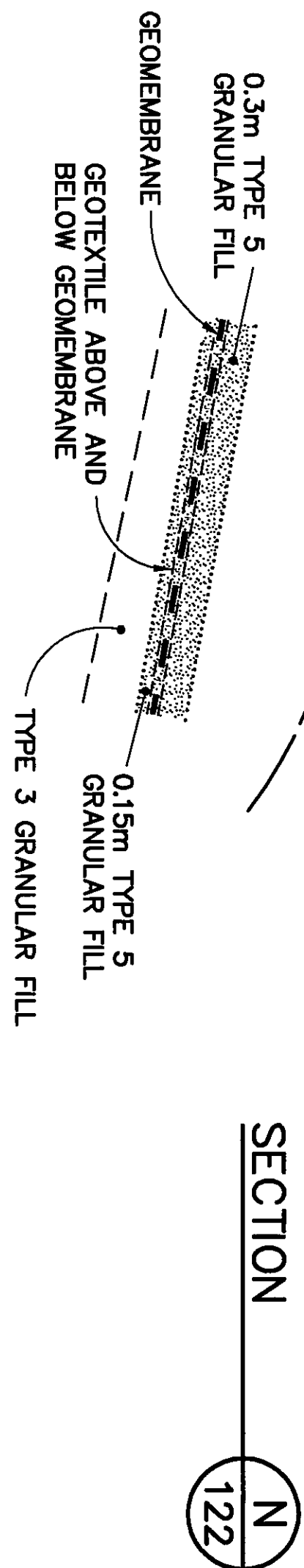
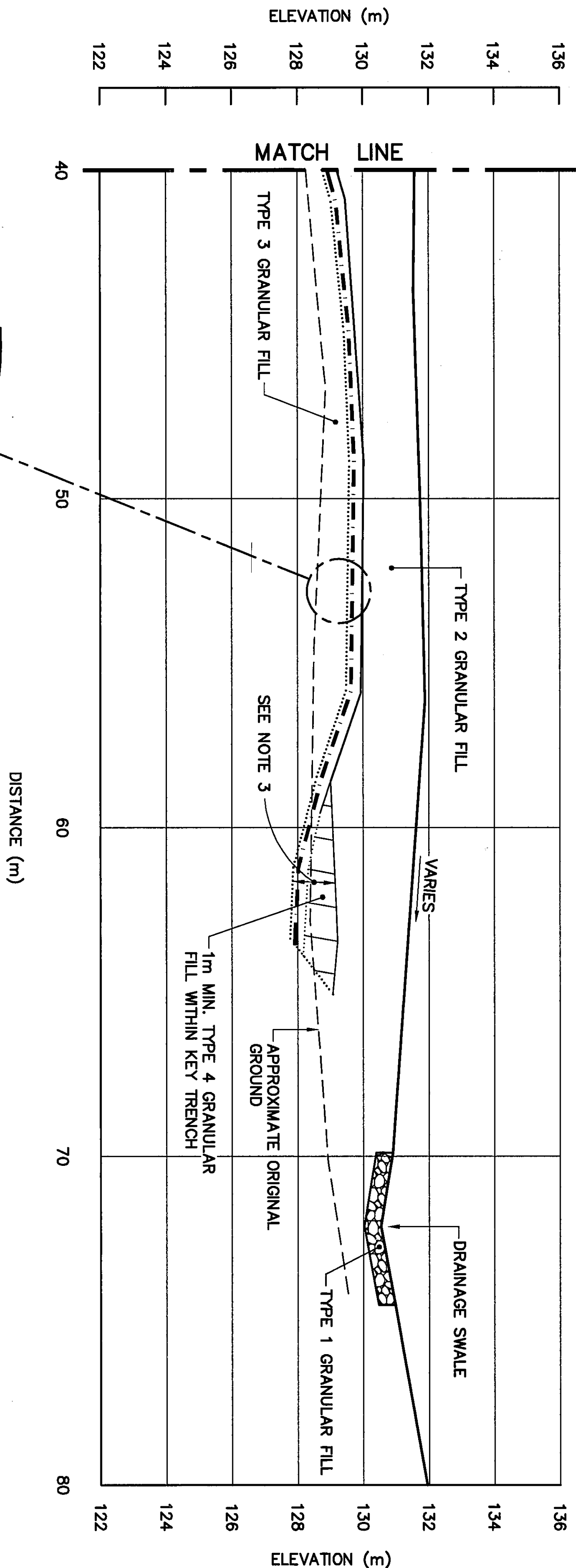
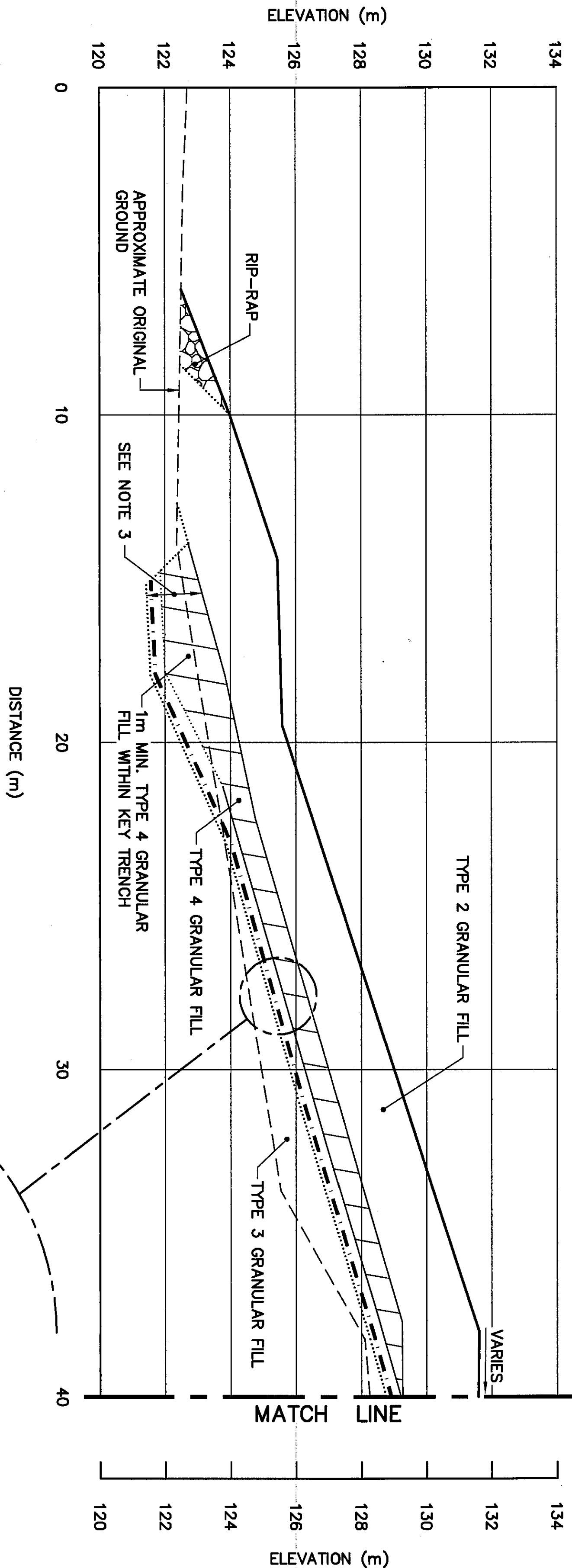
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TRADE - MÉTIER SITING DATE 2001-02-28

SUBJECT - SUJET
LOWER SITE LANDFILL
CROSS SECTIONS
SHEET 1

PRODUCTION	CONCURRENCE - ASSÉNTIMENT
DESIGNED TMS	DES. OFF.
DRAWN LW	ASST. CONCEPT
DESIGNED LW	SECT. NO.
CHECKED AMS	DES. NO.
APPROVED AMS	DES. NO.
COORDINATION JMS	REVIEWED - REVU

UWS NO. - DESIGN NO.
H-144/1-9101-124



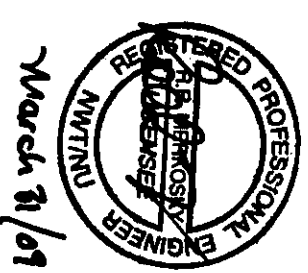
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH EXTENDS BELOW ORIGINAL GROUND TO SOUND BEDROCK OR SATURATED GROUND (DEPTH VARIES).

Legend:

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

0	10-03-30	AS-BUILT DRAWING	RFM
No.	DATE	REVISION	REVISION
			APPR.



PERMIT TO PRACTICE
AECOM
SUPERVISOR
PERMIT NUMBER: P839
NWT/NV Association of Professional
Engineers and Geoscientists

UMA AECOM HATCH

SCALE - ÉCHELLE 2 1 0 2 4 6m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

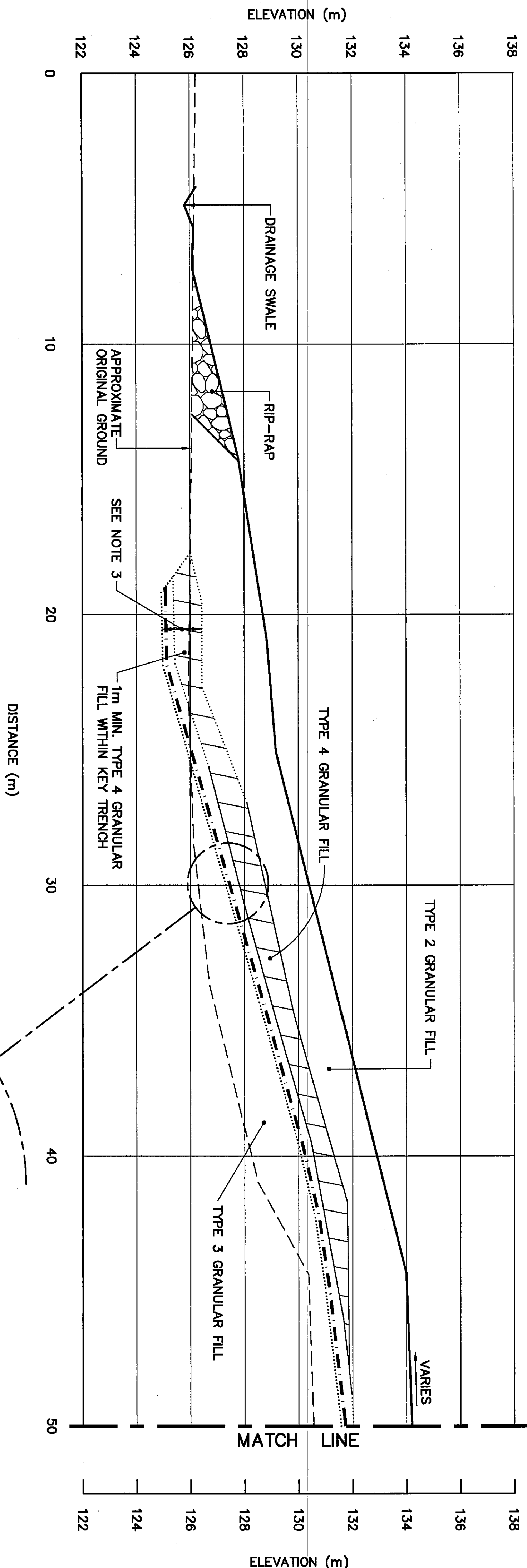
TRADE - MÉTIER SITING DATE 2001-02-28

SUBJECT - SUJET
LOWER SITE LANDFILL
CROSS SECTIONS
SHEET 2

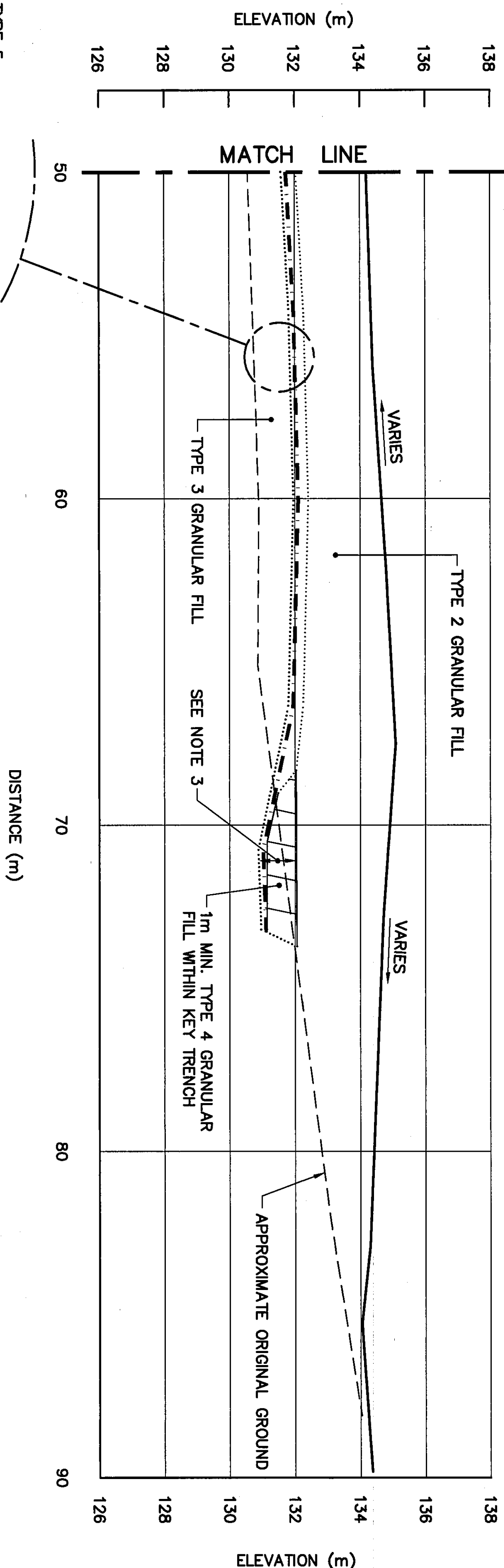
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DESIGNED <i>TMS</i>	DES. CDT.
DRAWN <i>LW</i>	ASST. CONCEPT
CHECKED <i>MMS</i>	SECT. NO.
DATE	DATE
REVIEWED	REVIEWED
COORDINATION	COORDINATION
DATE	DATE

UWG NO. - DESIGN NO.
H-744/1-9101-125

Canada



0.7m TYPE 4 GRANULAR FILL
0.15m TYPE 5 GRANULAR FILL
GEOTEXTILE ABOVE AND BELOW GEOMEMBRANE
TYPE 3 GRANULAR FILL

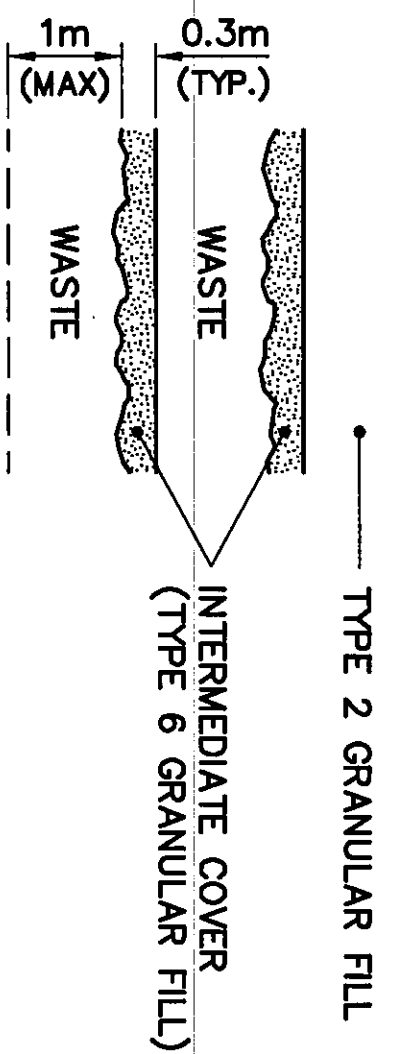


0.3m TYPE 5 GRANULAR FILL
GEOTEXTILE ABOVE AND BELOW GEOMEMBRANE
0.15m TYPE 5 GRANULAR FILL
TYPE 3 GRANULAR FILL

SECTION P
122

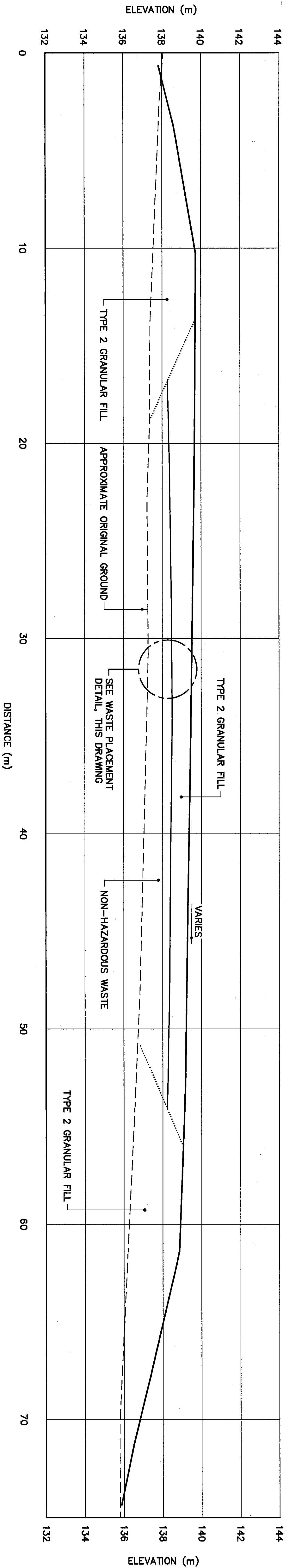
- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

NOTE:
ADDITIONAL WASTE LAYERS, MAY
HAVE BEEN REQUIRED, TO ACHIEVE
THE LOWER SITE NON-HAZARDOUS
WASTE LANDFILL DESIGN ELEVATIONS.



WASTE PLACEMENT DETAIL

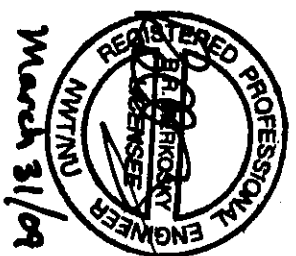
SCALE: NTS



Legend:

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

No.	DATE	REVISION	REVISION	APP.
0	09-03-30	AS-BUILT DRAWING		RJM



PERMIT TO PRACTICE
AECOM/CANADA
SIGNED: [Signature]
PERMIT NUMBER: P639
WNY/NU Association of Professional
Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
CAM-4 PELLY BAY

DEW LINE CLEAN UP

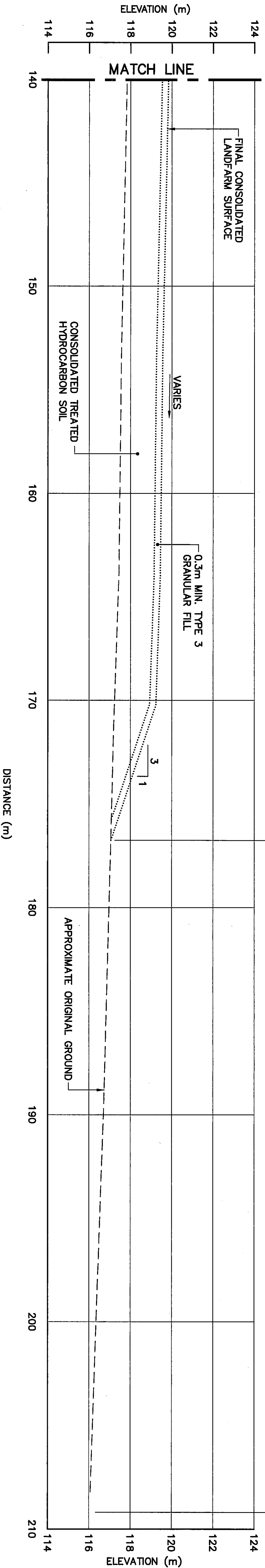
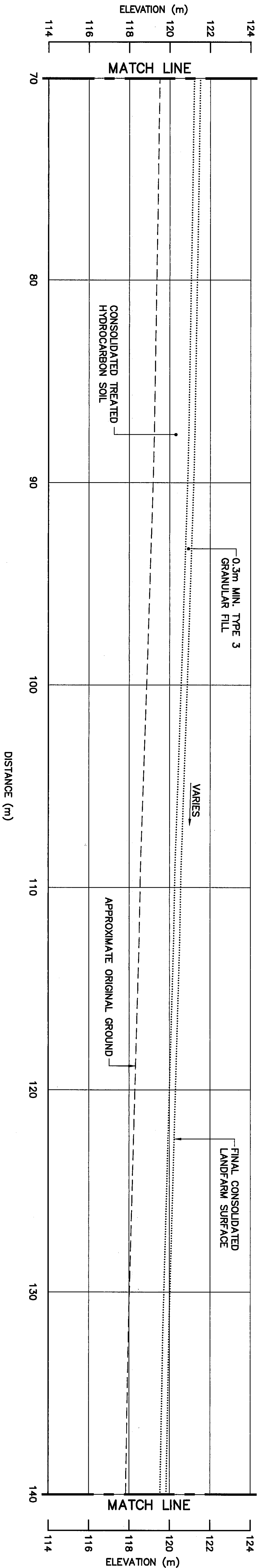
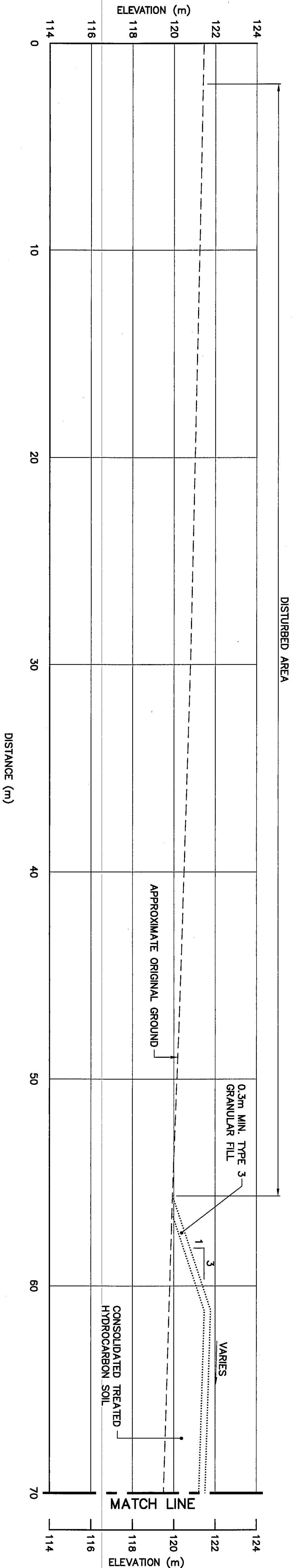
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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER SITING DATE 2001-02-28

SUBJECT - SUJET
LOWER SITE
NON-HAZARDOUS WASTE LANDFILL
CROSS SECTION

PRODUCTION	CONCURRENCE - ASSAIGNMENT
DESIGNED ETUDE TMS	DES. OFF. AGENT CONCEPT
DRAWN DESINE LW	SECT. NO. CHIEF SECT.
CHECKED VERIFIE HMS	DES. NO. CHIEF CONCEPT
COORDINATION CNC	REVIEWED - REVU
DWG. NO. - DESIGN NO. H-P44/1-9101-126	

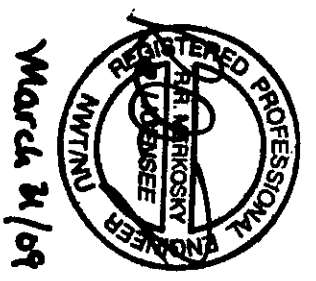
- General Notes:
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.



SECTION A
127

Legend:
..... CONSTRUCTED AS PER DESIGN,
NO AS-BUILT SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.
0	09-03-00	AS-BUILT DRAWING		RM



PERMIT TO PRACTICE
ACCOMPLISHED BY
Signature of M. H. HATCH
Date: 2003-05-02
M.H. HATCH, P.Eng.
M.H. HATCH, P.Eng.
Engineers and Geoscientists

UMA | AECOM | HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METIER	SINING	DATE
SUBJECT - SUJET		2003-05-02

LANDFARM CROSS SECTION

PRODUCTION	CONCURRENCE - ASSÉNIEMENT
DESIGNED ETUDIÉ TMC	DES. OFF. AGENCY CONCEPT
DRAWN DRESSINE LJH	SECT. HD. CHIEF SECT.
CHECKED VÉRIFIÉ TMC	DES. MGR. BEST CONCEPT
COORDINATION JMC	REVIEWED - REVU

DWG. NO. - DESIGN NO.
H-744/1-9101-127A

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
4. FOR MONITORING WELL INSTALLATION DETAIL AND COORDINATE POINTS, SEE DWG. H-P-44/1-9101-153.

MONITORING WELL LOCATION (3)

REGISTERED PROFESSIONAL ENGINEER
 ALBERTA
 LICENSE
 MONTREAL

March 31/09

PERMIT TO PRACTICE
 AECOM Canada Ltd.
 Signature: *[Signature]*
 Date: *Mar 31/09*
 PERMIT NUMBER: P639
 NMT/NU Association of Professional
 Engineers and Geoscientists

SCALE - ECHELLE

10 5 0 10 20 30m

DEW LINE CLEAN UP

TRADE - METTER	DATE
SITING	2001-02-28

SUBJECT - SUJET	1001 07 20
-----------------	------------

PRODUCTION	CONCURRENCE - ASSENTIMENT
------------	---------------------------

DESIGNED	DES OFF
ETUDE	AGENT CONCEPT
DRAMA	SECT HD
DESSINE	CHER SECT
LIJY	
CHECKED	DES MGR
VERIFIE	GEST CONCEPT
KMS	
COORDINATION	REVIEWED - REVU
KMS	

DWG. NO. — DESSIN NO.
H-P44/1-9101-127

General Notes:
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

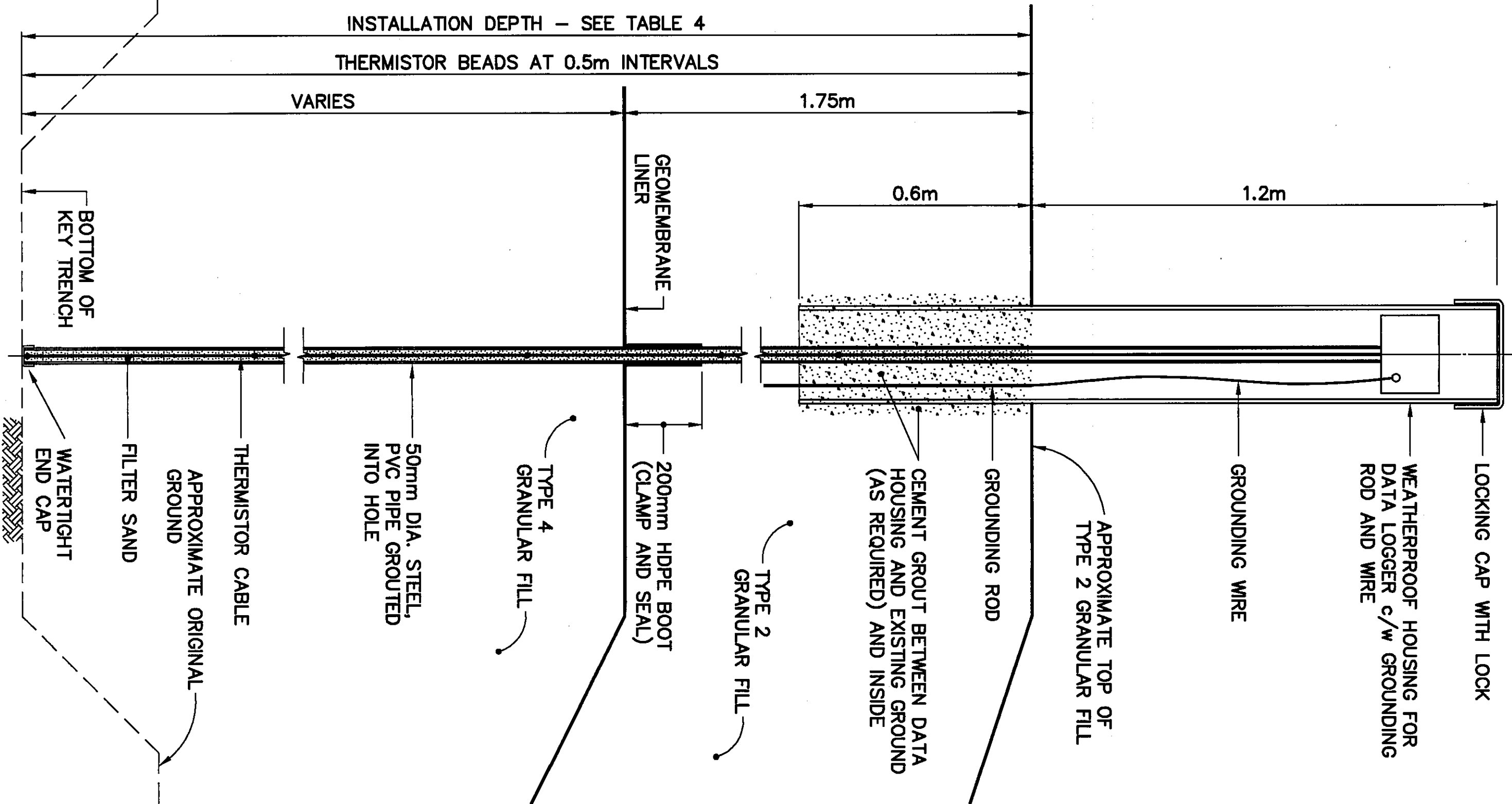
TABLE 4
VERTICAL THERMISTOR INSTALLATION

INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
TIER II DISPOSAL FACILITY		
VT-5	5.5	INSTALLED THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-6	4.0	INSTALLED TO 1.0m ABOVE ELEVATION OF BOTTOM LINER
VT-7	8.0	AS PER VT-5
VT-8	4.0	AS PER VT-6

NOTE: ALL THERMISTOR STRINGS INSTALLED TO BASE LINER UNLESS NOTED OTHERWISE.

TABLE 4B
VERTICAL THERMISTOR INSTALLATION

INSTRUMENT No.	FINAL GRADE ELEVATION (m)	BASE LINER ELEVATION (m)
TIER II DISPOSAL FACILITY		
VT-5	320.9	319.2
VT-6	319.3	314.6
VT-7	317.8	316.1
VT-8	319.1	313.9



TYPICAL THERMISTOR INSTALLATION
SCALE: NTS
TIER II DISPOSAL FACILITY, VT-5 TO VT-8

STATION AREA NON-HAZARDOUS WASTE LANDFILL
MONITORING WELLS (AS-BUILT)

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-1	10 271.7	10 025.7	300.1
MW-2	10 256.6	10 086.9	—
MW-3	10 217.0	10 133.3	—
MW-4	10 228.7	10 121.7	302.8
MW-6	10 266.2	10 072.3	301.9
MW-7	10 253.7	10 018.5	302.3
MW-16	10 154.5	10 003.8	315.7

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-105.

TIER II DISPOSAL FACILITY
MONITORING WELLS (AS-BUILT)

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-5	10 039.3	10 136.9	310.9
MW-8	10 135.4	10 107.9	310.2
MW-9	10 099.2	10 145.6	310.1
MW-11	9 996.8	10 114.0	312.6
MW-14	10 024.4	10 022.3	317.8
MW-15	10 086.3	10 013.9	317.7

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-105.

UPPER SITE LANDFILL
MONITORING WELLS (AS-BUILT)

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-10	10 061.4	10 233.7	301.5
MW-12	10 013.3	10 247.3	295.9
MW-13	9 954.9	10 189.6	302.4

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-105.

LOWER SITE LANDFILL
MONITORING WELLS (AS-BUILT)

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-17	20 590.5	18 795.2	120.4
MW-18	20 523.2	18 727.9	125.3
MW-19	20 440.8	18 700.3	129.0

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-107.

LOWER SITE NON-HAZARDOUS WASTE LANDFILL
MONITORING WELLS (AS-BUILT)

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-20	20 469.7	18 822.7	135.4
MW-21	20 415.1	18 807.1	138.0
MW-22	20 372.7	18 866.1	137.8
MW-23	20 463.9	18 876.7	135.9

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-107.

LANDFARM
MONITORING WELLS (AS-BUILT)

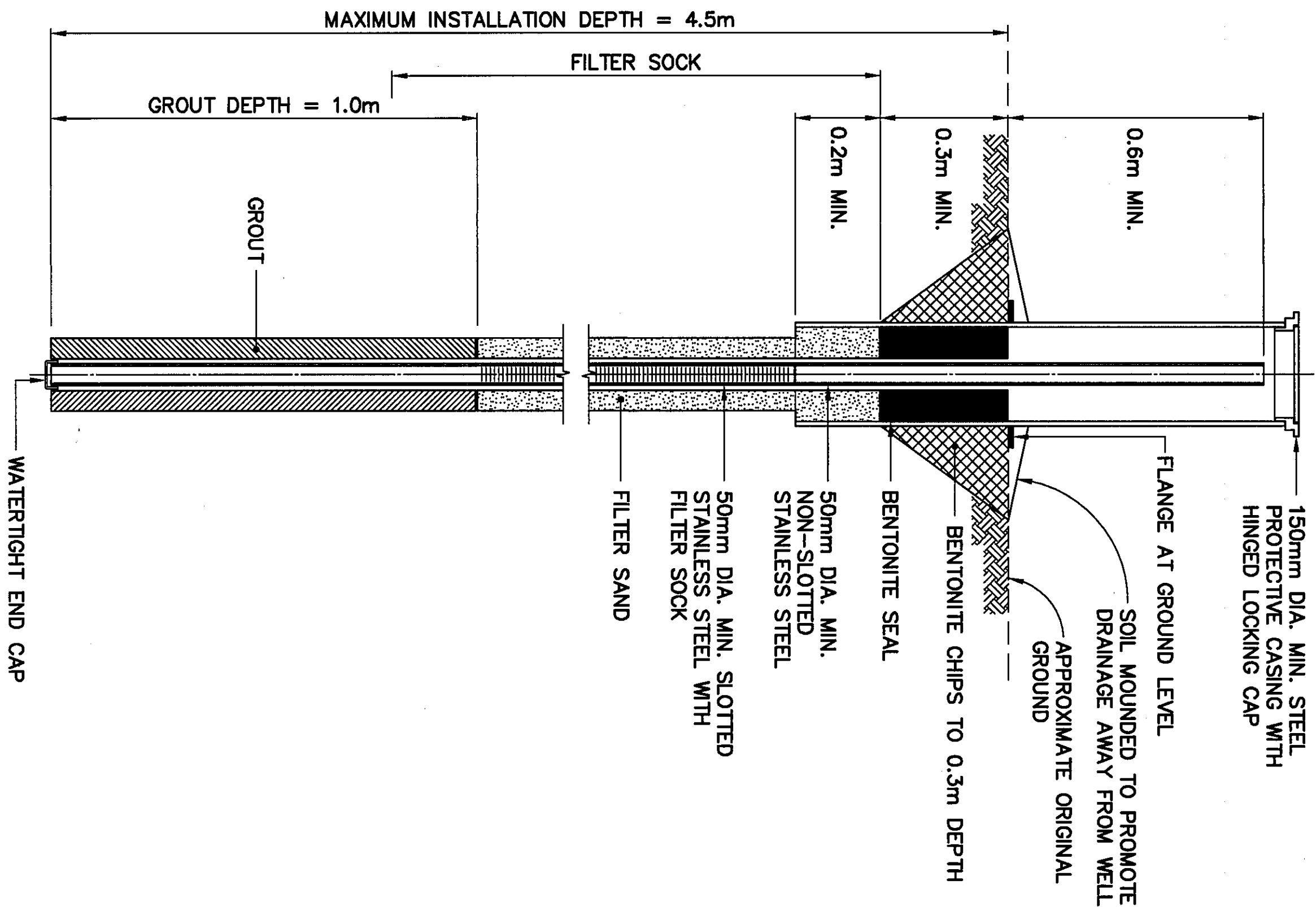
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
MW-24	19 681.2	19 626.3	116.0
MW-25	19 735.0	19 712.6	114.6
MW-26	19 624.6	19 747.0	116.8

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-127.

MISCELLANEOUS BACKGROUND
MONITORING WELLS (AS-BUILT)

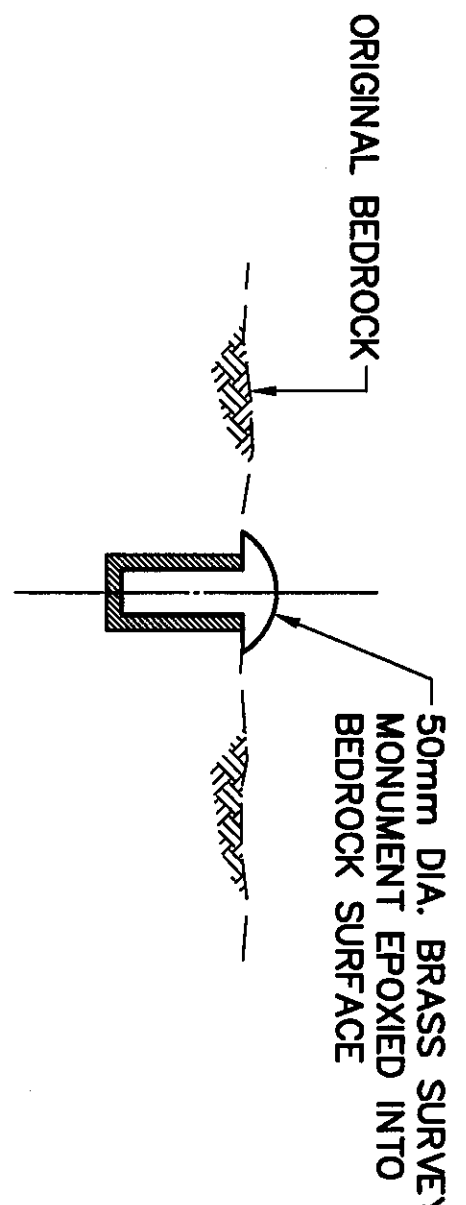
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
BMW-1	10 161.0	10 020.8	312.1
BMW-3	9 896.7	9 808.4	319.5
BMW-4	20 365.9	18 677.3	133.9

NOTE: FOR MONITORING WELL LOCATIONS, SEE DWG. H-P44/1-9101-105 AND DWG. H-P44/1-9101-107.



NOTE:
29 MONITORING WELLS
INSTALLED.

TYPICAL MONITORING WELL
SCALE: NTS
ALSO, TYPICAL BACKGROUND MONITORING WELL INSTALLATION



NOTE:
5 PERMANENT SURVEY CONTROL
MONUMENTS INSTALLED.

TYPICAL PERMANENT SURVEY CONTROL MONUMENT
SCALE: NTS
ALSO CALLED PERMANENT BENCHMARK

No.	DATE	REVISION	REVISION	APP.
0	09-03-30	AS-BUILT DRAWING		RM



PERMIT TO PRACTICE
AECOM
March 27/09
Supervisor
PERMIT NUMBER: P839
WTF/NU Association of Professional Engineers and Geoscientists

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SCALE - EXCELLE
AS SHOWN

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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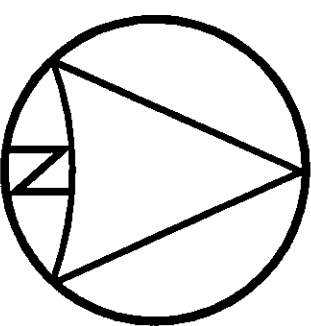
TRADE - METRE	SITING	DATE
		2001-02-28

MISCELLANEOUS DETAILS
SHEET 2

PRODUCTION	CONFORMANCE - ASSESSMENT
DESIGNED TMS	DES. OFF.
ETIMDE	AGENT CONCEPT
DESIGNED LUV	DES. TO DESKIN
CHEF SECT	CHEF SECT
CHEFED TMS	DES. FOR VERTIC
VERTIC	DES. FOR VERTIC
COORDINATION JMS	REVIEWED - REVU

DWG. NO. - DESIGN 115
H-P44/1-9101-135

Canada



STATION AREA
NON-HAZARDOUS
WASTE LANDFILL

TO LOWER SITE
ACCESS ROAD

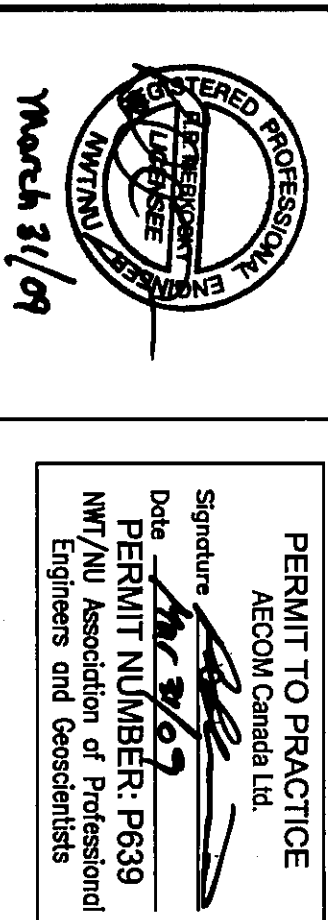
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. ALL SHORT RANGE RADAR (SRR) FACILITIES WERE OPERATIONAL.
5. ALL STRUCTURES DESIGNATED FOR DEMOLITION WERE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
6. ALL POLES WERE REMOVED UNLESS NOTED OTHERWISE.
7. ALL PIPELINES AND ANCILLARY EQUIPMENT WERE REMOVED INCLUDING ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
8. FORMER LOCATIONS OF POL LINES AND POWER/COMMUNICATION CABLES ARE APPROXIMATE ONLY.

Legend:

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

0	10-10-30	AS-BUILT DRAWING	RAM
No.	DATE	REVISION	REVISION



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SCALE - GRAPHIC 20 10 0 20 40 60m

PROJECT - PROJECT
CAM-4 PELLY BAY

DEW LINE CLEAN UP

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TRADE - METRIC STRUCTURAL DATE 2001-02-28

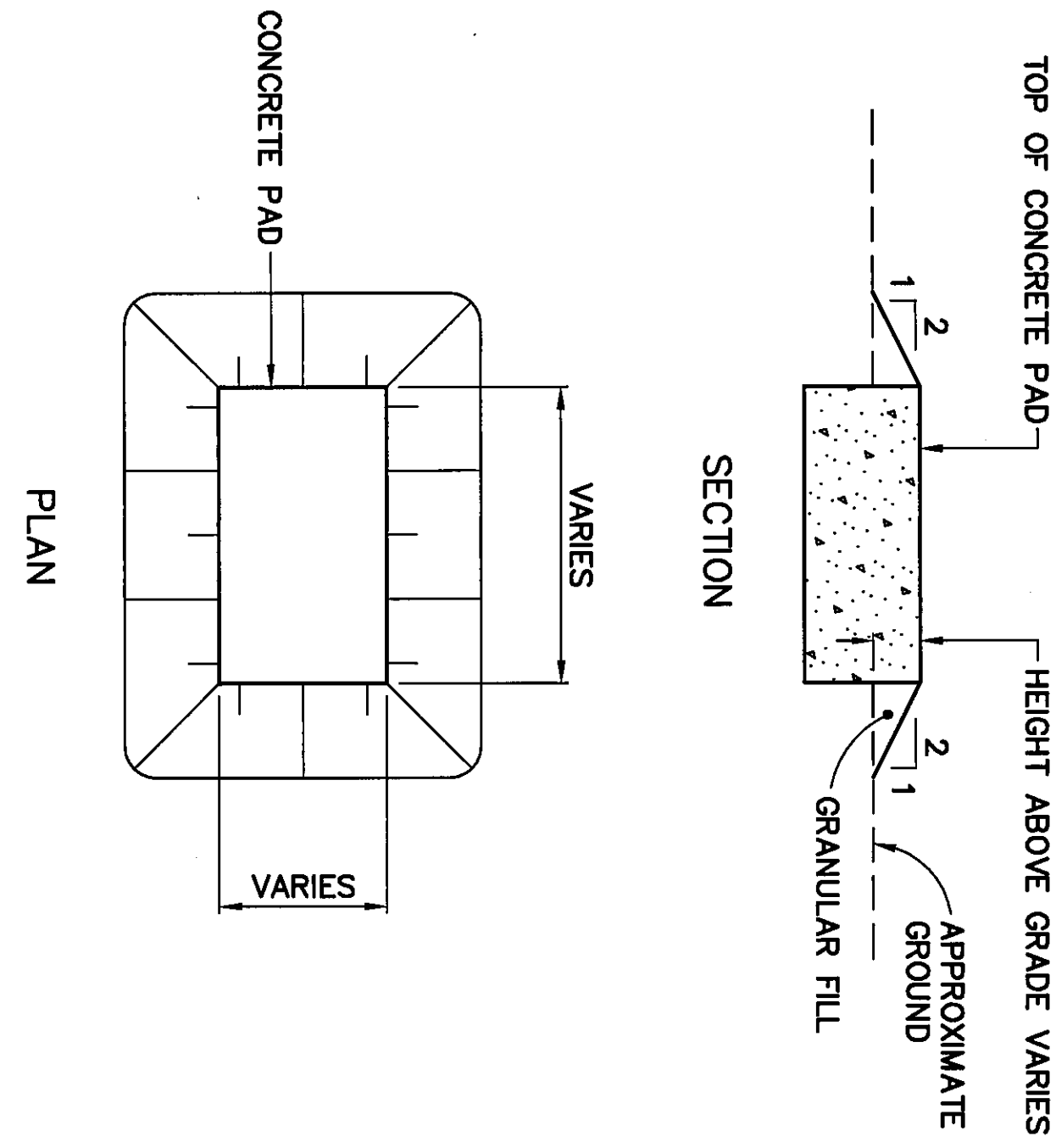
SUBJECT - SKETCH

STATION AREA
DEMOLITION SITE PLAN

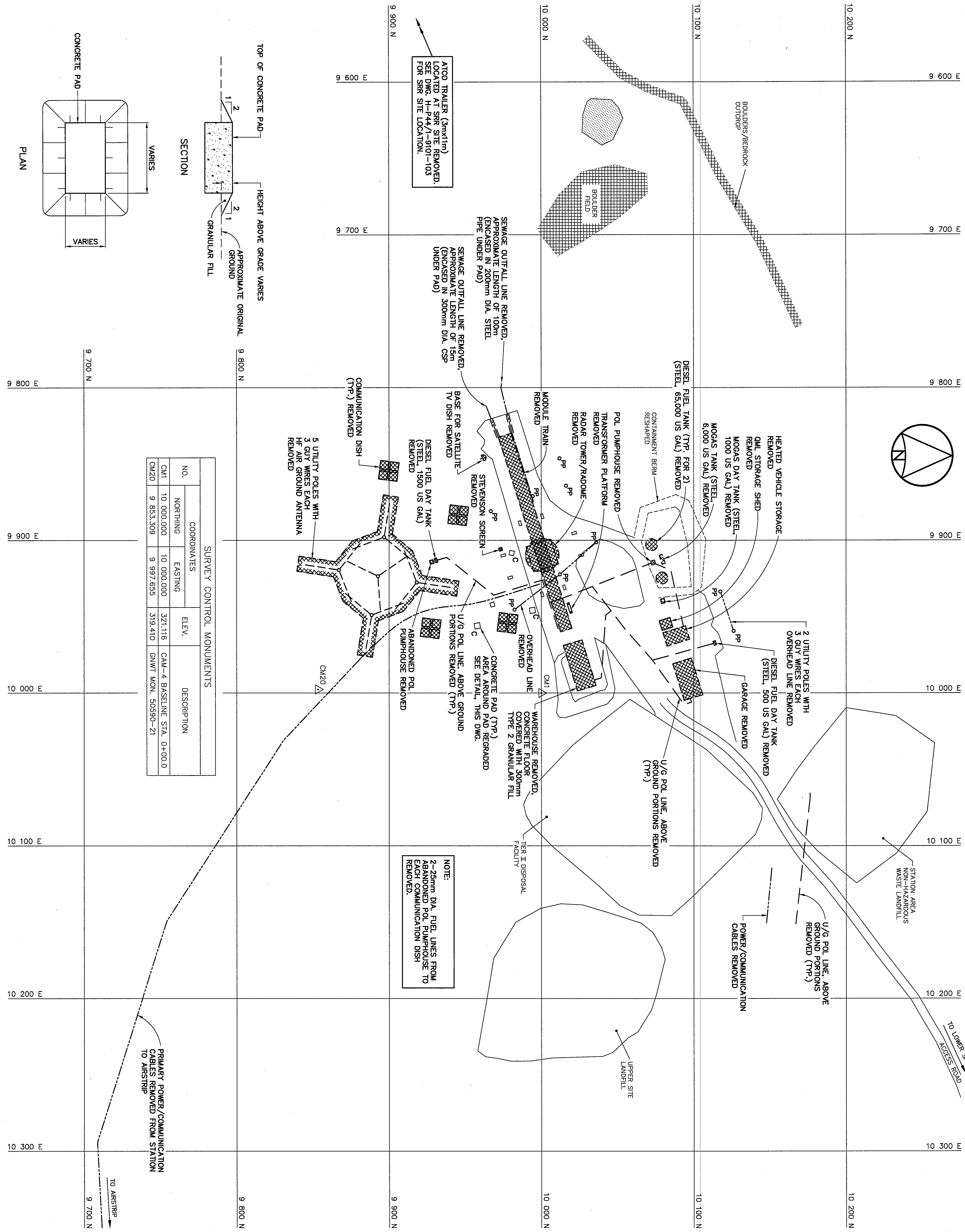
PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	TMS	DWG OFF	AGENT CONCEPT
DRAWN	LW	SECT HD	CHEF SECT
DRAWN	LW	DESIGN	CHEF DES
CHECKED	TMS	DES VRS	DESIGN
VERIFIED	TMS	DESIGN	DESIGN
COORDINATION	TMS	REVIEWED	REV'D
DWG NO. - DESIGN NO.		H-P44/1-9101-201	

Canada

TYPICAL CONCRETE PAD REGRADED DETAIL
SCALE: NTS



SURVEY CONTROL MONUMENTS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
CM1	10 000.000	10 000.000	CM1-4 BASELINE STA. 0+00.0
CM20	9 853.309	9 997.655	GNWT MON. 50590-21



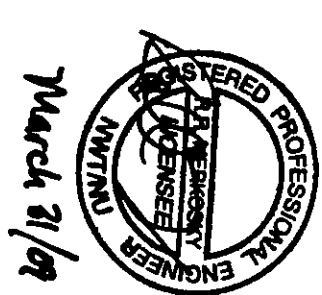
General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. ALL STRUCTURES DESIGNATED FOR DEMOLITION WERE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
5. ALL POLES WERE REMOVED UNLESS NOTED OTHERWISE.
6. ALL PIPELINES AND ANCILLARY EQUIPMENT WERE REMOVED INCLUDING ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
7. FORMER LOCATIONS OF POL LINES AND POWER/COMMUNICATION CABLES ARE APPROXIMATE ONLY.

Legend:

-  DEMOLISHED
-  UTILITY POLE REMOVED
-  CULVERT REMOVED
-  BODY OF WATER

No.	0	08-03-30	AS-BUILT DRAWING	RM
DATE	REVISION	REVISION	APPR.	



PERMIT TO PRACTICE
Stephen J. Smith
Lic. No. 20113
PERMIT NUMBER: P639
M/N/A Association of Professional
Engineers and Geoscientists

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SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJECT
CAM-4 Pelly Bay

DEW LINE CLEAN UP

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TRADE - METTER STRUCTURAL DATE 2001-02-28

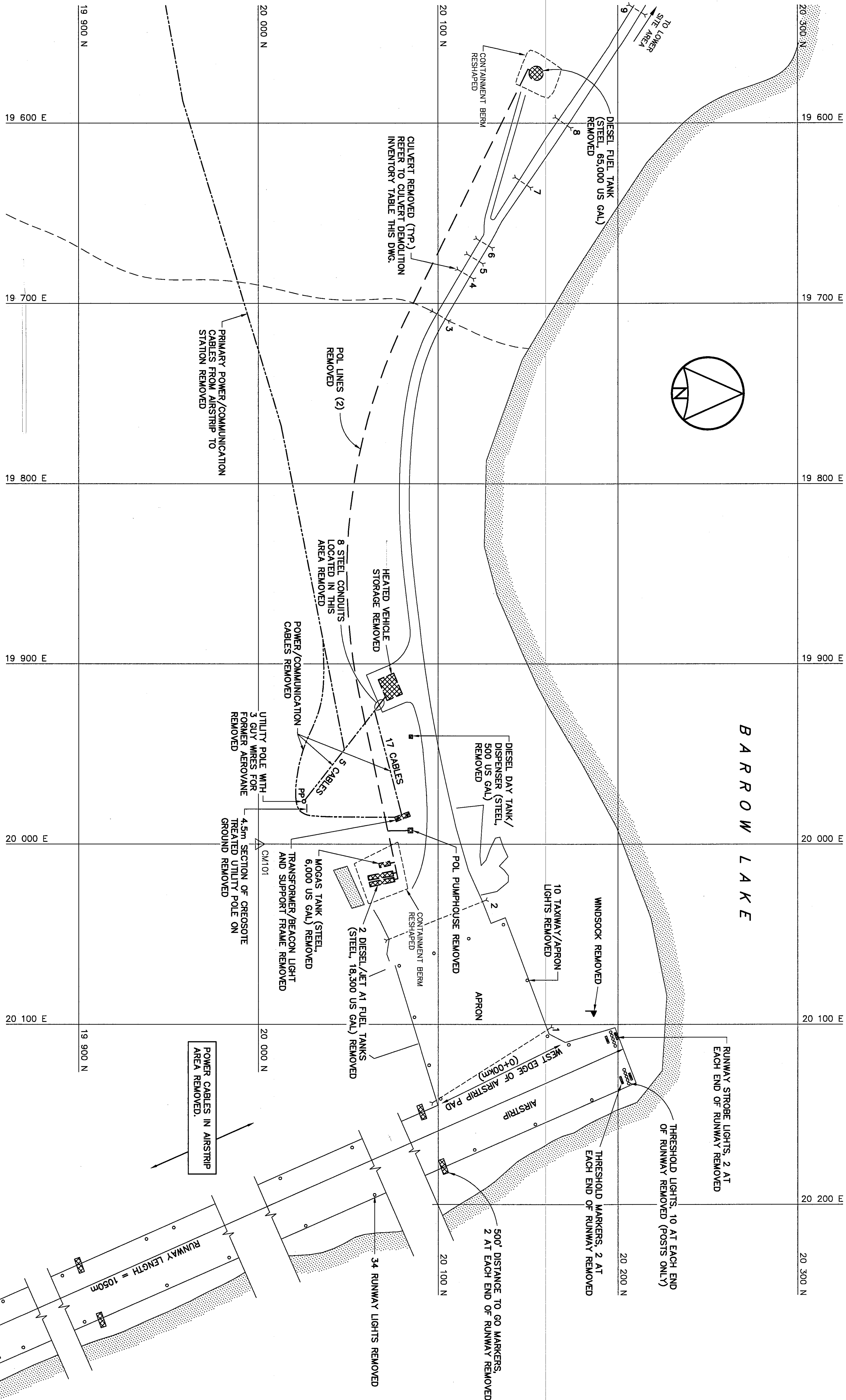
SUBJECT - SLEET

AIRSTRIAP AREA
DEMOLITION SITE PLAN

PRODUCTION	CONFIRMANCE - ASSESSMENT
DESIGNED TMS	DES. CTR.
DRAWN LW	AGENT CONCEPT
CHECKED MMS	DES. NO.
ENGINEER MMS	DES. NO.
COORDINATION MMS	DES. NO.

UWS NO. - DESIGN NO.
H-144/1-3101-202

Canada



CULVERT DEMOLITION INVENTORY TABLE				
CULVERT NO.	APPROXIMATE DISTANCE FROM WEST END OF AIRSTRIAP PAD (km)	DIAMETER (mm)/TYPE	CULVERT NO.	APPROXIMATE DISTANCE FROM WEST END OF AIRSTRIAP PAD (km)
1	0.01	1-600 CMP	14	1.48
2	0.09	1-600 CMP	15	1.82
3	0.42	2-900 CMP	16	1.83
4	0.45	1-600 CMP	17	1.87
5	0.46	1-600 CMP	18	2.12
6	0.47	1-600 CMP	19	2.72
7	0.51	1-600 CMP	20	3.12
8	0.55	1-600 CMP	21	5.17
9	0.63	1-600 CMP	22	5.47
10	0.89	1-600 CMP	23	5.92
11	0.91	1-600 CMP	24	6.72
12	1.15	1-900 CMP	25	4.92
13	1.17	1-600 CMP		

SURVEY CONTROL MONUMENTS			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
CM/101	20 000.000	20 000.000	102.031 GNWT MON. 50590-23