



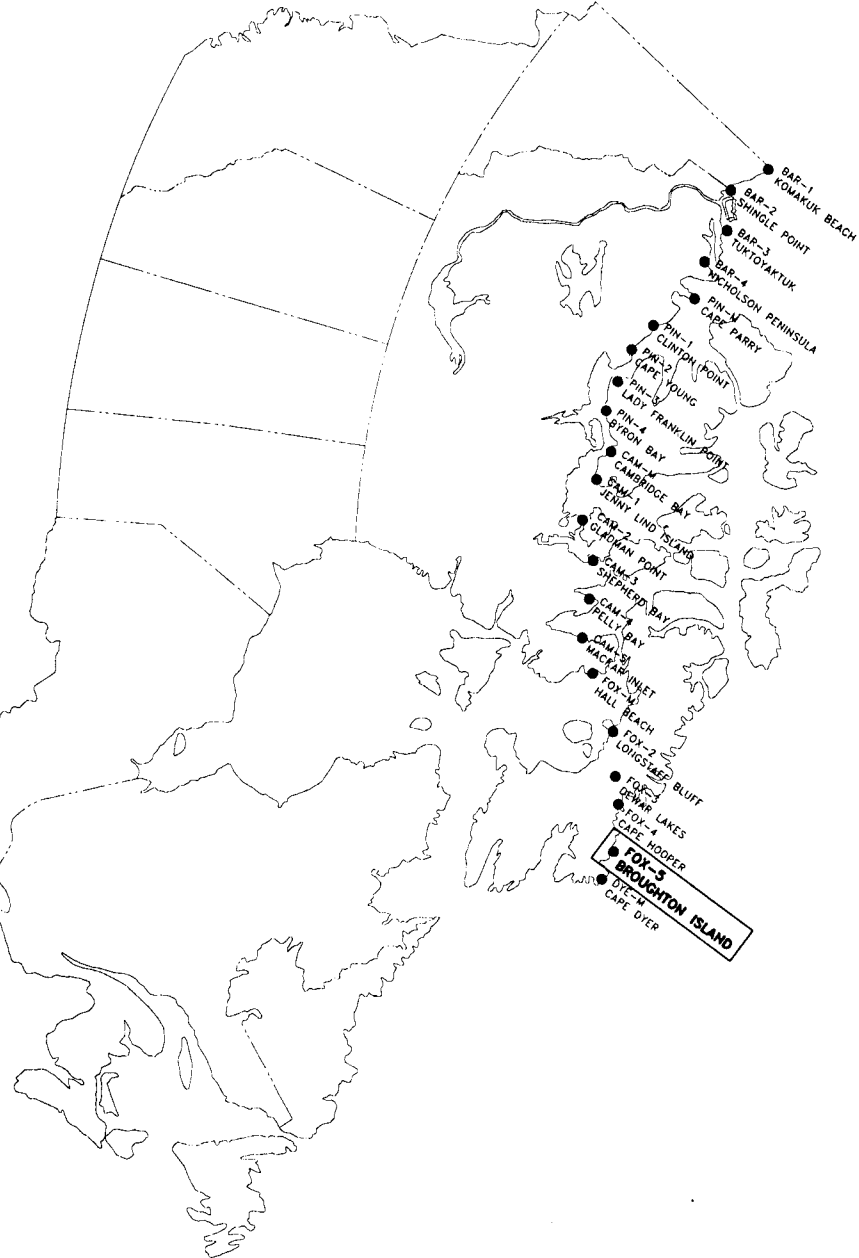
National
Defence

Défense
nationale

DEW LINE CLEAN UP PROJECT

PRINT DATE
2002 04 03
UMA
EDMONTON

DRAWING INDEX							
DRAWING No.		TITLE		DRAWING No.		TITLE	
SITING		SITING		STRUCTURAL			
H-8233/-9101-101	OVERALL SITE PLAN	H-8233/-9101-115	MIDDLE SITE NON-HAZARDOUS WASTE LANDFILL CROSS SECTIONS	H-8233/-9101-202	BEACH AREA AND HEATED VEHICLE STORAGE AREA DEMOLITION SITE PLANS		
H-8233/-9101-102	PROJECT LAYOUT	H-8233/-9101-116	TER II DISPOSAL FACILITY KEY TRENCH EXCAVATION PLAN & GRADING/INSTRUMENTATION PLAN	H-8233/-9101-203	WAREHOUSE PLAN AND SECTION		
H-8233/-9101-103	STATION AREA SITE PLAN	H-8233/-9101-117	TER II DISPOSAL FACILITY KEY TRENCH CENTRELINE PROFILE	H-8233/-9101-204	CARAGE PLAN AND SECTION		
H-8233/-9101-104	MAIN LANDFILL AREA SITE PLAN	H-8233/-9101-118	TER II DISPOSAL FACILITY CROSS SECTION	H-8233/-9101-205	HEATED VEHICLE STORAGE PLAN AND ELEVATIONS		
H-8233/-9101-105	MIDDLE SITE LANDFILL AREA SITE PLAN	H-8233/-9101-119	ARSTRIP AREA LANDFARM PLAN AND CROSS SECTION	H-8233/-9101-206	MODULE TRAIN UNITS 1A-25 PLAN		
H-8233/-9101-106	BEACH AREA AND HEATED VEHICLE STORAGE AREA SITE PLANS	H-8233/-9101-120	CONTAMINATED AREAS SECTION AND DETAILS SH. 1	H-8233/-9101-207	MODULE TRAIN UNITS 1A-25 ELEVATIONS		
H-8233/-9101-107	ARSTRIP LANDFILL - WEST SITE PLAN AND CROSS SECTIONS	H-8233/-9101-121	CONTAMINATED AREAS SECTION AND DETAILS SH. 2	H-8233/-9101-208	ATMEL DORMITORY PLAN, SECTION AND ELEVATION		
H-8233/-9101-108	STATION AREA NON-HAZARDOUS WASTE LANDFILL CROSS SECTION	H-8233/-9101-122	CONTAMINATED AREAS SECTION AND DETAILS SH. 3	H-8233/-9101-209	BOX PUMPHOUSE, STORAGE SHED AND BEACON/TRANSFORMER FRAME PLANS, SECTION AND ELEVATIONS		
H-8233/-9101-108A	STATION AREA LANDFARM PLAN AND CROSS SECTION	H-8233/-9101-123	CONTAMINATED AREAS SECTION AND DETAILS SH. 4	H-8233/-9101-210	RADAR TOWER / RADOME PLAN AND SECTION		
H-8233/-9101-109	MAIN LANDFILL GRADING/INSTRUMENTATION PLAN	H-8233/-9101-124	MISCELLANEOUS DETAILS SH. 1	H-8233/-9101-211	COMMUNICATION DISH ELEVATIONS		
H-8233/-9101-110	MAIN LANDFILL KEY TRENCH EXCAVATION PLAN	H-8233/-9101-125	MISCELLANEOUS DETAILS SH. 2	H-8233/-9101-212	COMMUNICATION BILLBOARD, FEEDHORN AND WAVEGUIDE PLAN, SECTIONS AND ELEVATIONS		
H-8233/-9101-111	MAIN LANDFILL KEY TRENCH CENTRELINE PROFILE	H-8233/-9101-126	FOX-4 CAPE HOOPER CONTAINER STORAGE AREA	H-8233/-9101-213	FUEL AND WATER TANKS PLAN AND ELEVATIONS		
H-8233/-9101-112	MAIN LANDFILL CROSS SECTIONS SH. 1	H-8233/-9101-127	DYE-M CAPE DYER CONTAINER STORAGE AREA	© COPYRIGHT HER MAJESTY THE QUEEN IN RIGHT OF CANADA 2001, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE.			
H-8233/-9101-113	MAIN LANDFILL CROSS SECTIONS SH. 2	STRUCTURAL					
H-8233/-9101-114	MAIN LANDFILL CROSS SECTIONS SH. 3	H-8233/-9101-201	STATION AREA DEMOLITION SITE PLAN				



FOX-5 BROUGHTON ISLAND
ADDENDUM No. 1

- General Notes:
1. ALL NON-HAZARDOUS WASTE FROM UPPER SITE SOURCES TO BE PLACED IN STATION AREA NON-HAZARDOUS WASTE LANDFILL.
 2. ALL NON-HAZARDOUS WASTE FROM SOURCES TO THE WEST OF AND ALONG THE WATER SUPPLY LAKE ACCESS ROAD TO BE PLACED IN MIDDLE SITE NON-HAZARDOUS WASTE LANDFILL.

A

Legend:

- 19 PHOTOGRAPHIC VIEWPOINT
BODY OF WATER

1	02-03-98	ADDENDUM No. 1	12/4
No.	DATE	REVISION	REVISION
APPROVED			

UMA	STEE
-----	------

SCALE - COASTLINE 400 200 0 400 800 1200m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

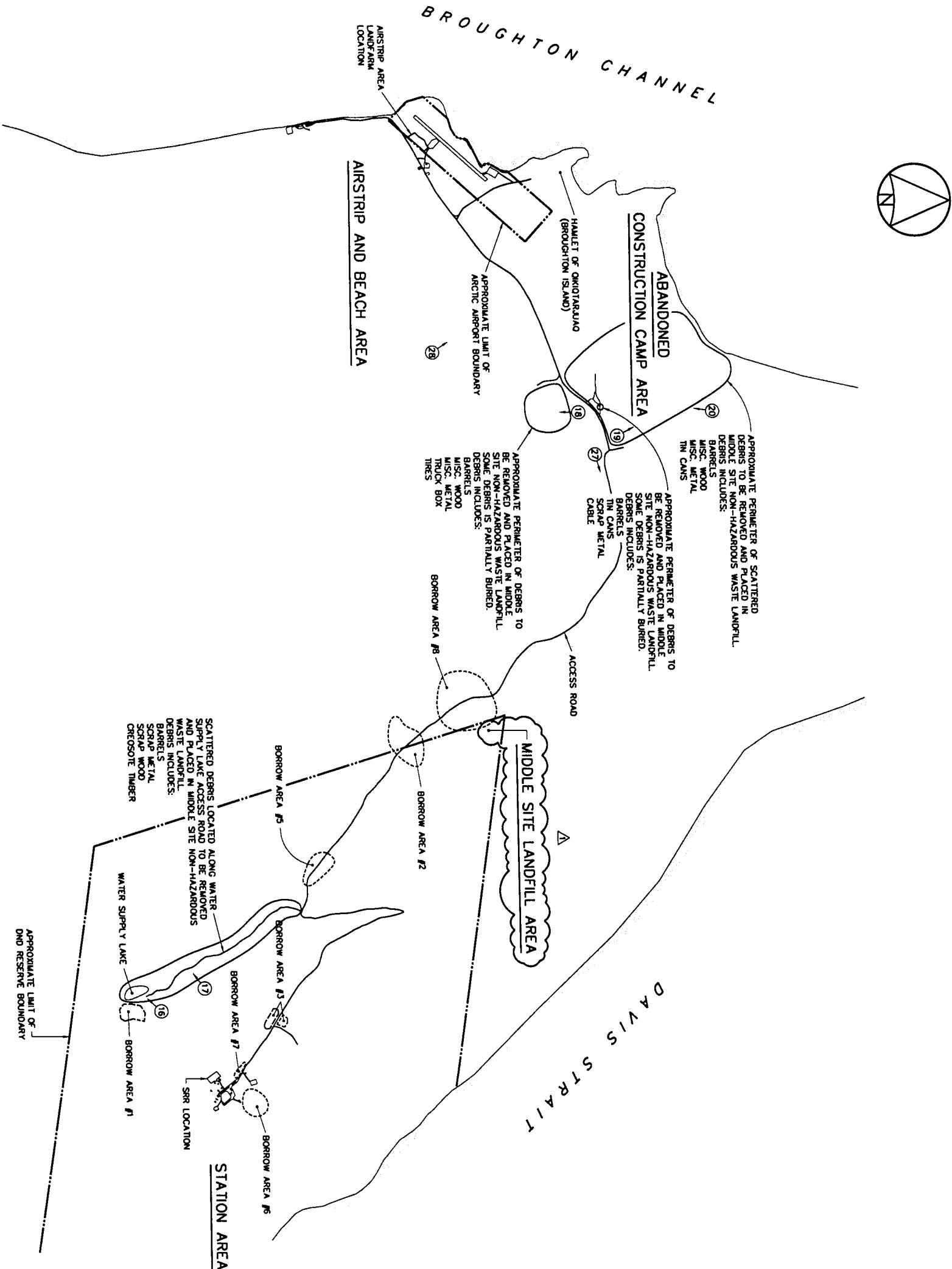
TRADE - LETTER	SITTING	DATE
SUBJECT - SUBJECT		2001-05-18

OVERALL SITE PLAN

PRODUCTION	COMPARISON - ASSIGNED
------------	-----------------------

DESIGNED	WILL/ELM	DES. OFF
ELUCID		AGENT CONCEPT
DRAWN	ONE	SECT. NO.
DESIGNED		CHEF SECT.
OVERSEEN	ONE	DES. WORK
VERIFIED		DES. CONCEPT
COORDINATION		REVIEWED - REVIEW

DWG. NO. - DESIGN NO.
H-B233/1-9101-101



▲ CMZ SURVEY CONTROL MONUMENT
 □ TBM1 TEMPORARY BENCHMARK
 ● CONTAMINATED AREA



BODY OF WATER

uma **size**

SCALE - ECHELLE 100 50 0 100 200 300m

A horizontal scale bar with alternating black and white segments. It is marked with the numbers 100, 50, 0, 100, 200, and 300m. The 0 mark is in the center, with 50 and 100 on either side. The total length represents 300 meters.

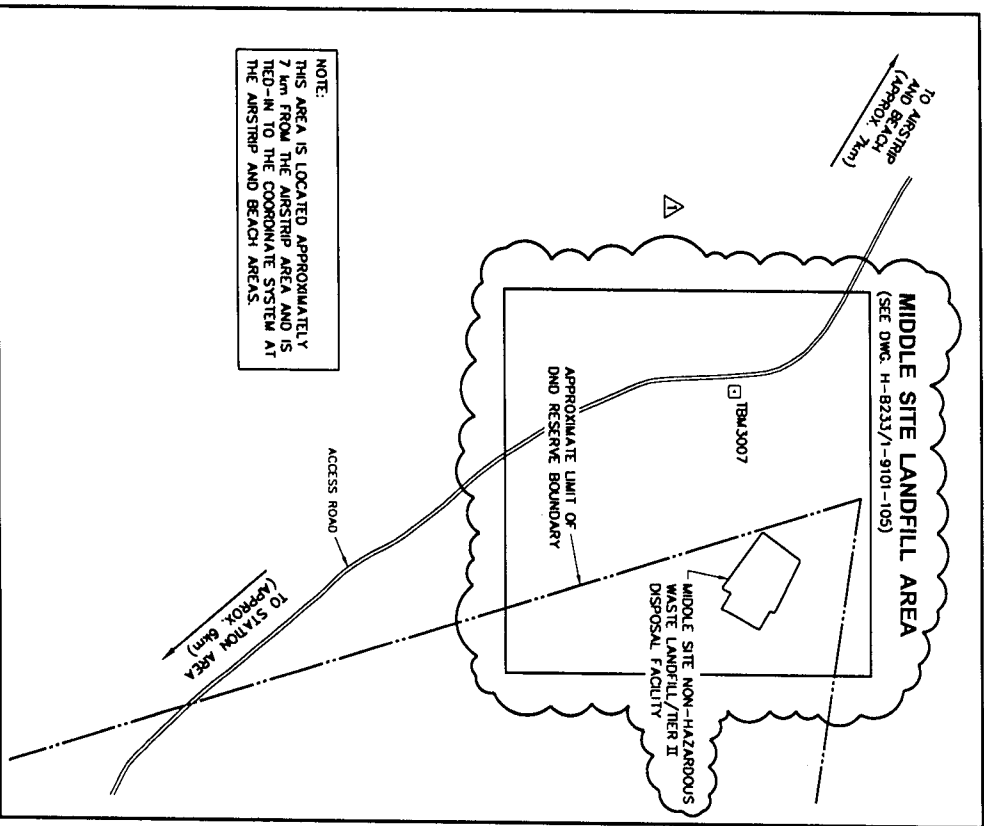
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - SEE INDEX
SITTING
DATE 2001-05-18

PRODUCTION	CONCURRENCE - ASSEMBLAGE
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

PRODUCTION	CONFORMANCE - ASSIGNMENT
DISCOVERED EVIDENCE	DECS OPT
DETAILED DESCRIPTION	AGENT CONCEPT
DISCOVERED EVIDENCE	SECT NO
DETAILED DESCRIPTION	CHET SECT
DISCOVERED EVIDENCE	DECS WORK
DETAILED DESCRIPTION	CHET WORK
DISCOVERED EVIDENCE	DECS CONCEPT
DETAILED DESCRIPTION	CHET CONCEPT



SURVEY CONTROL MONUMENTS - STATION AREA			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
1	5 000.000	5 000.000	FOX-5 BASELINE STA. 5+81.69
2	5 145.012	5 191.951	FOX-5 BASELINE STA. -2+07.97

TEMPORARY BENCHMARKS - LOWER AND MIDDLE SITES			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
10	9 000.000	10 000.000	3.932 IRON BAR
11	9 372.519	9 744.793	10.582 IRON BAR
423	9 150.412	9 643.505	19.905 IRON BAR
424	9 063.583	9 163.157	1.886 IRON BAR
427	9 297.474	9 065.521	3.184 IRON BAR
3007	9 835.960	15 744.943	317.825 NAIL
3010	7 862.317	9 420.703	12.812 NAIL

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 2. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN STATION AREA NON-HAZARDOUS WASTE LANDFILL.
 3. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
 4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 5. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-8233/1-9101-123. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
 6. FOR THERMISTOR/PIEZOMETER INSTALLATION LOCATIONS, SEE DWG. H-8233/1-9101-109.
 7. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-8233/1-9101-123.
- BE APPROVED BY THE ENGINEER.

Legend:

- TBM212 TEMPORARY BENCHMARK
- TIER I CONTAMINATED SOIL
- TEST PIT LOCATION (1982)
- TEST PIT LOCATION (1998)
- TEST PIT LOCATION (2000)
- TEST PIT LOCATION (2001)
- ① PHOTOGRAPHIC VIEWPOINT
- PROPOSED MONITORING WELL LOCATION (4)
- PROPOSED BACKGROUND MONITORING WELL LOCATION (1)
- ▲ BM-1 PROPOSED PERMANENT BENCHMARK LOCATION (2) (SEE NOTE 7).

1	02-01-78	ADDENDUM NO. 1	12/01
No.	DATE	REVISION	APPROVED

SCALE - TORQUE	20	10	0	20	40	60m
PROJECT - PROJECT	FOX-5	BROUGHTON ISLAND				

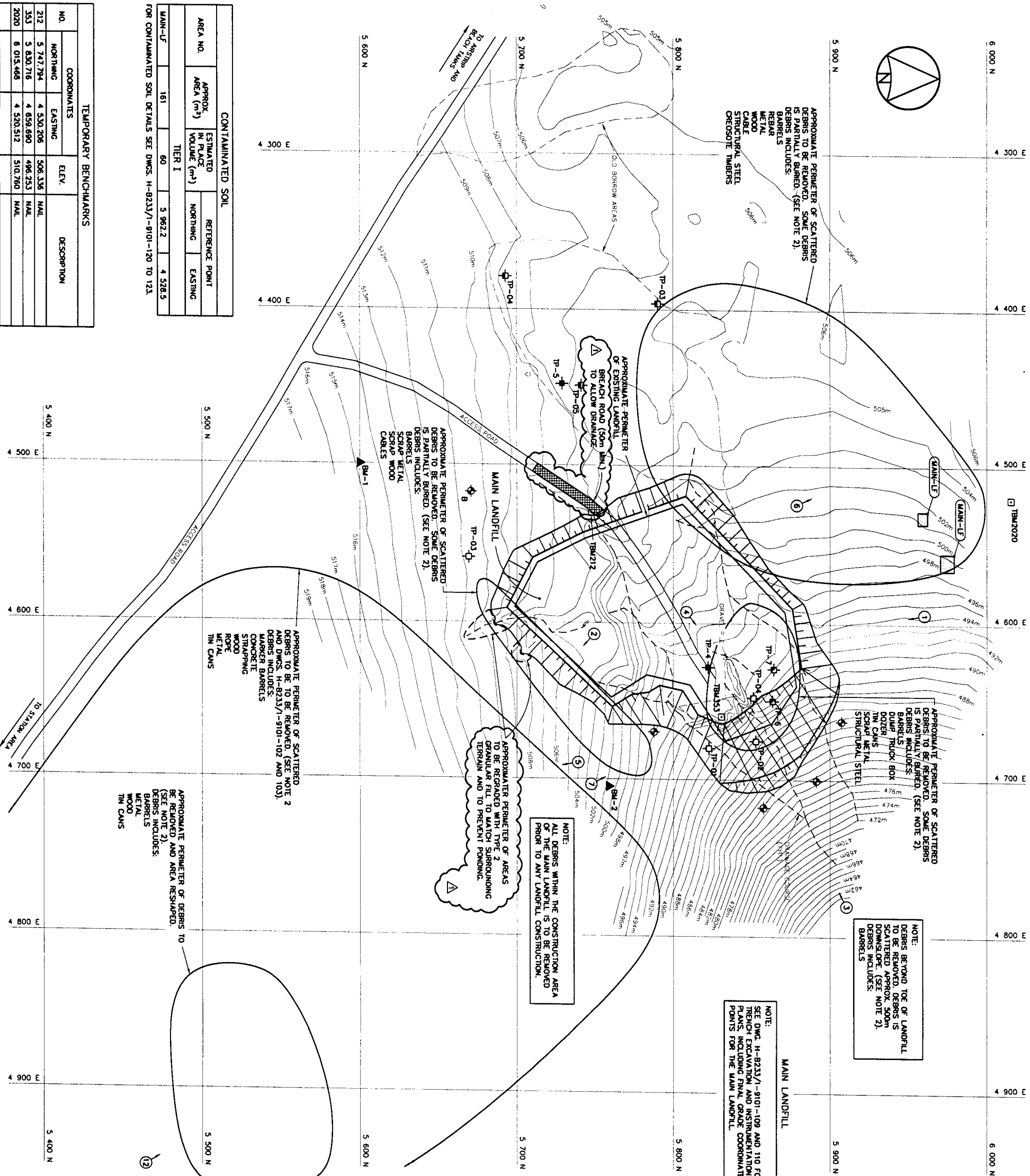
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METRE	STING	DATE	2001-05-16
SUBJECT - SUBJECT			
MAIN LANDFILL AREA SITE PLAN			

PRODUCTION	CONCURRENCE - ASSIGNED
DRAWN BY/REV	DESIGN OFF
CHECKED BY	AGENT CONCEPT
DESIGNED BY	DESIGN NO.
DATE	DATE OF SET
WORK	DESIGN MAN
COORDINATION	DESIGN CONCEPT
DATE	REVIEWED - REVU

DWG. NO. - DESIGN NO.
H-8233/1-9101-104



CONTAMINATED SOIL				
AREA NO.	APPROX. AREA (m ²)	ESTIMATED IN PLACE VOLUME (m ³)	REFERENCE POINT	
			NORTHING	EASTING
TIER I				
MAIN-1F	161	60	5 962.2	4 528.5

FOR CONTAMINATED SOIL DETAILS SEE DWGS. H-8233/1-9101-120 TO 123.

TEMPORARY BENCHMARKS			
NO.	COORDINATES	ELEV.	DESCRIPTION
	NORTHING	EASTING	
212	5 747.794	4 530.206	NAIL
353	5 830.716	4 659.690	NAIL
2020	6 015.466	4 520.512	NAIL

- 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 DETAILS, SEE DWG. H-8233/1-9101-125. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
 5. FOR THERMISTOR INSTALLATION LOCATIONS, SEE DWG. H-8233/1-9101-116.
 6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-8233/1-9101-125. LOCATIONS TO BE APPROVED BY THE ENGINEER.

Legend:

- TBM3007 TEMPORARY BENCHMARK
- TEST PIT LOCATION (1998)
- TEST PIT LOCATION (2000)
- PROPOSED MONITORING WELL LOCATION (4)
- PROPOSED BACKGROUND MONITORING WELL LOCATION (1)
- PROPOSED PERMANENT BENCHMARK LOCATION (2). (SEE NOTE 6).

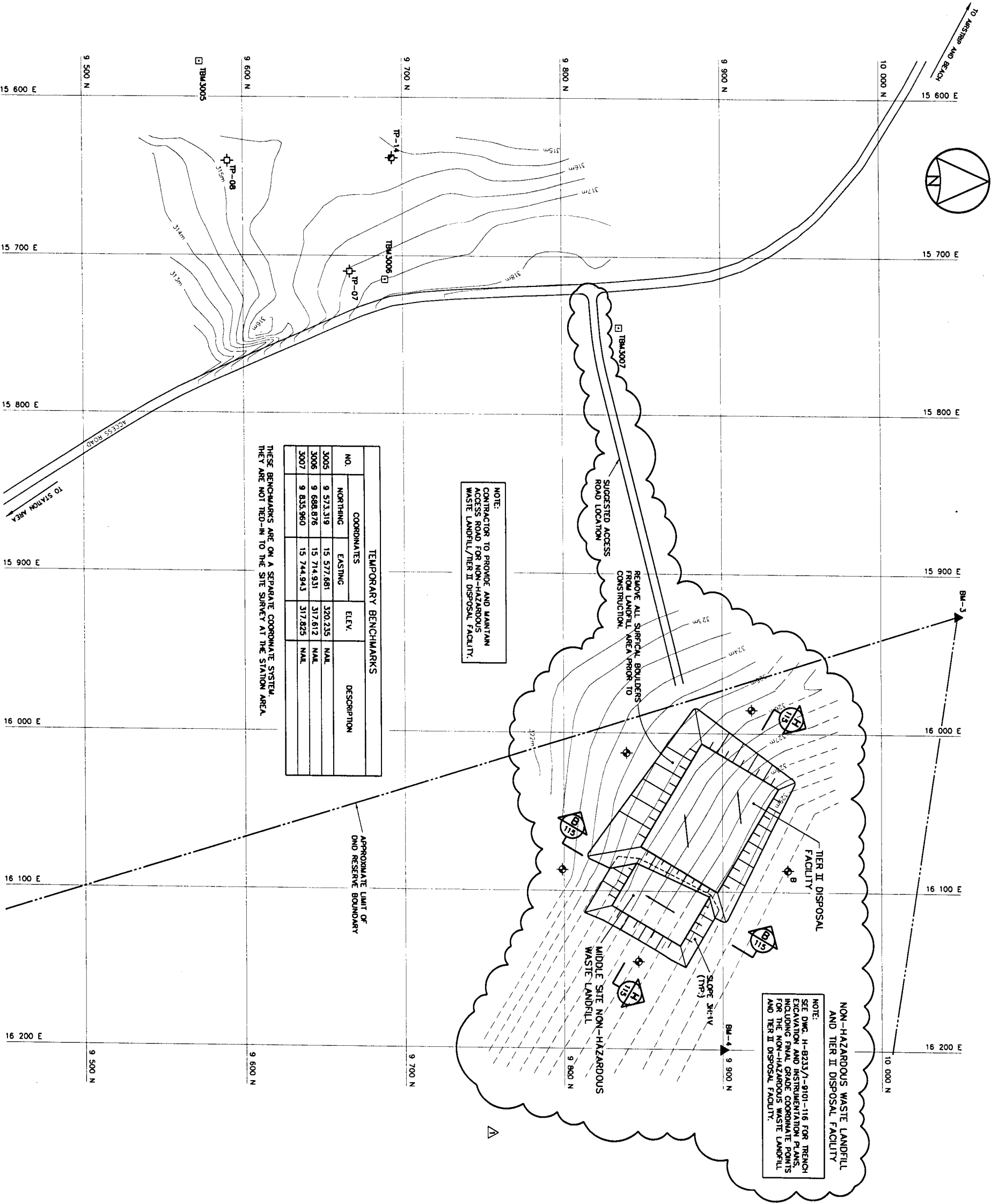
1	02-01-20	ADDENDUM No. 1	12/04
No.	DATE	REVISION	REVISION
			APPROVED

SCALE - ÉCHELLE	20	10	0	20	40	60m
PROJECT - PROJET	FOX-5 BROUGHTON ISLAND					

DEW LINE CLEAN UP
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METER	STING	DATE	2001-05-18
SUBJECT - SUJET	MIDDLE SITE LANDFILL AREA SITE PLAN		

PRODUCTION	CONFORMANCE - ASSESSMENT
DESIGNED BY/12/04	DES. OFT. AGENT CONCEPT
DRAWN BY/04	SECT. NO. DES. NO.
DESIGNED BY/04	SECT. NO. DES. NO.
CHECKED BY/04	DES. NO. DES. NO.
REVIEWED BY/04	DES. NO. DES. NO.
COORDINATION	REVIEWED - REVU
DATE	DATE
DWG. NO. - DESIGN NO.	H-8233/1-9101-105



General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN MIDDLE SITE NON-HAZARDOUS WASTE LANDFILL.
3. HORIZONTAL CONTROL REFERENCED TO SURVEY CONTROL MONUMENTS.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. ALL SHORT RANGE RADAR (SRP) FACILITIES ARE CURRENTLY OPERATIONAL, BUT ARE NOT TO BE DISTURBED. SEE DWG. H-8233/1-9101-201 AND 202 FOR ADDITIONAL DETAILS.
6. ALL EXISTING MONITORING WELLS ARE TO BE REMOVED AND PLACED IN MIDDLE SITE NON-HAZARDOUS WASTE LANDFILL.

Legend:

- TBM11 TEMPORARY BENCHMARK
- TIER I CONTAMINATED SOIL
- TIER II CONTAMINATED SOIL
- HYDROCARBON - TYPE B
- CONTAMINATED SOIL
- ⊕ TESTPIT LOCATION (1992)
- ⊕ TESTPIT LOCATION (2000)
- ⊕ PHOTOGRAPHIC MONUMENT
- ⊕ EXISTING MONITORING WELL LOCATION
- ⊕ BODY OF WATER

1	10-02-20	ADDENDUM No. 1	LMH
No.	DATE	REVISION	REVISION

UNM SITE
SCALE - COEFFICIENT 20 10 0 20 40 60m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA
MINISTER OF NATIONAL DEFENCE

TRADE - METERS
SITING
DATE
2001-05-18

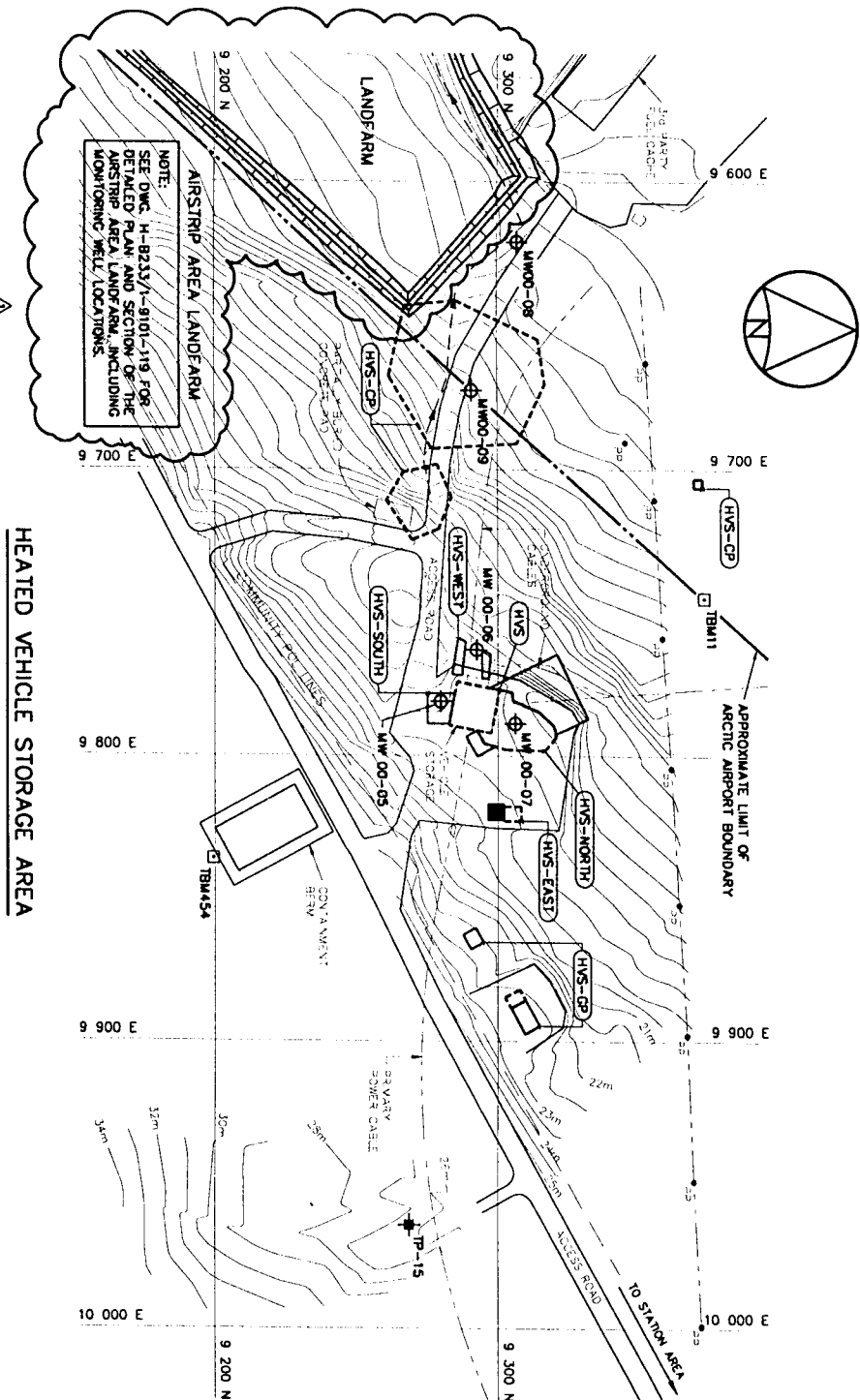
SUBJECT - SUBJECT
BEACH AREA AND
HEATED VEHICLE STORAGE AREA
SITE PLANS

PRODUCTION
CONFORMANCE - ASSIGNMENT

DESIGNED BY/TEAM	DES. OFF.
ETUDE	AGENT CONCEPTE
DRAWN BY	SECT. AD.
DESIGNED BY	SECT. SECT.
VERIFIED BY	DES. MOD.
COORDINATION	DES. CONCEPT
BY	REVIEWED - REVU

DWG. NO. - DESIGN NO.
H-8233/1-9101-106

Canada



HEATED VEHICLE STORAGE AREA

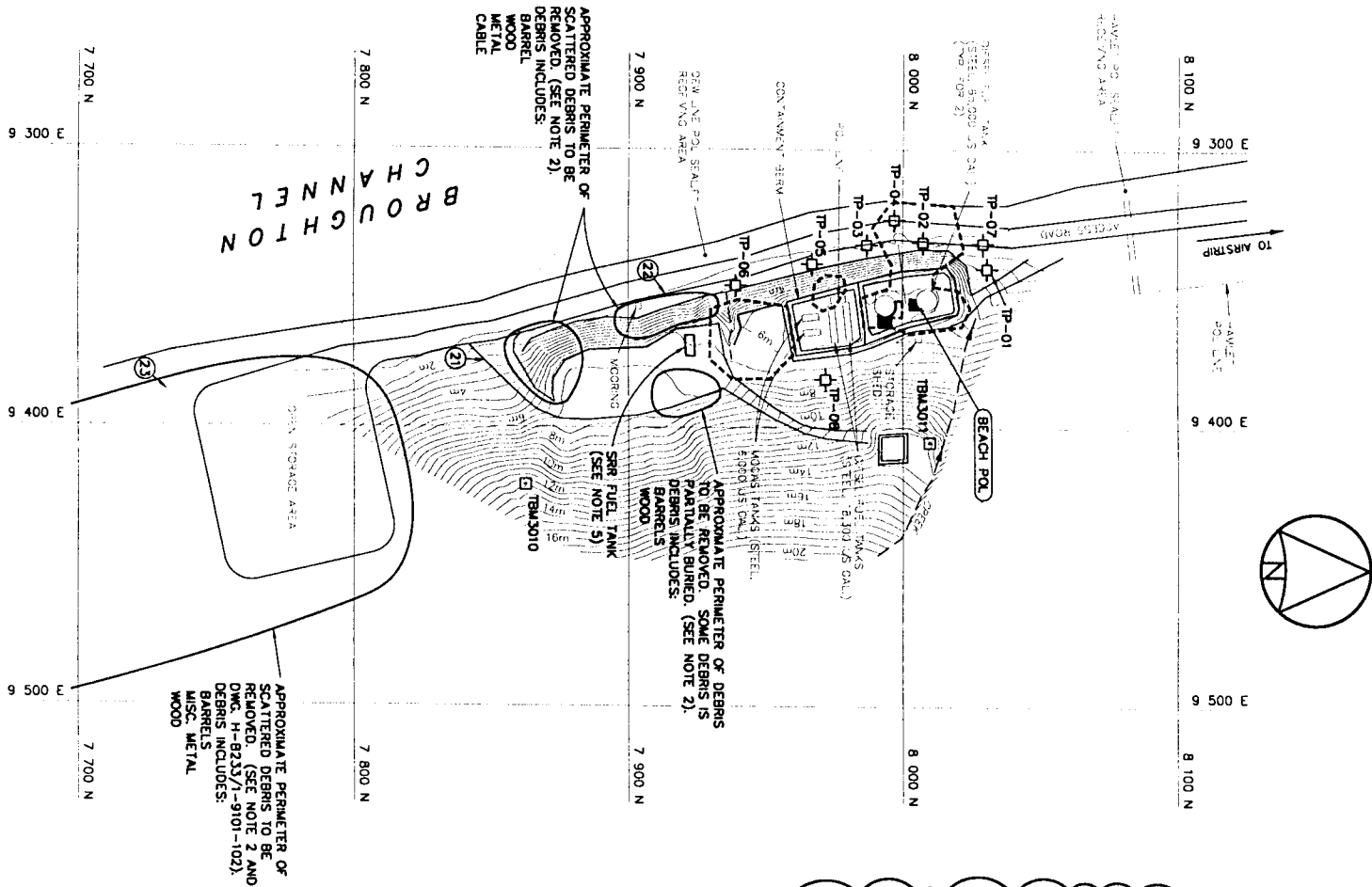
TEMPORARY BENCHMARKS			
NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
11	9 372.519	9 744.795	IRON BAR
454	9 199.429	9 836.039	IRON BAR
3010	7 862.317	9 420.703	IRON BAR
3011	8 009.680	9 405.196	NAIL

THESE BENCHMARKS ARE ON A SEPARATE COORDINATE SYSTEM.
THEY ARE NOT TIED-IN TO THE SITE SURVEY AT THE STATION AREA.

CONTAMINATED SOIL					
AREA NO.	APPROX. AREA (m²)	ESTIMATED VOLUME (m³)	REFERENCE POINT		
			NORTHING	EASTING	
TIER I					
HVS-SOUTH	100	30	9 275.1	9 777.9	
HVS-WEST	82	49	9 285.9	9 758.6	
HVS-CP	103	52	9 295.0	9 865.4	
HVS-NORTH	675	684	9 331.8	9 786.7	
TIER II					
BEACH POL	41	12	8 007.0	9 357.7	
HVS-EAST	37	11	9 302.1	9 816.8	
HYDROCARBON - TYPE B					
BEACH POL	2948	2257	8 003.4	9 386.3	
HVS	243	122	9 300.5	9 776.6	
HVS-EAST	37	22	9 308.1	9 822.8	
HVS-CP	3486	2884	9 286.7	9 701.1	
HVS-CP	28	14	9 302.7	9 881.9	
HVS-NORTH	647	448	9 316.4	9 798.1	

FOR CONTAMINATED SOIL DETAILS SEE DWGS. H-B233/1-9101-120 TO 123.

FOR CONTAMINATED SOIL DETAILS SEE DWGS. H-8233/1-9101-120 TO 123.



BEACH AREA

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN MIDDLE SITE NON-HAZARDOUS WASTE LANDFILL.
3. HORIZONTAL CONTROL MONUMENTS REFERENCED TO SURVEY CONTROL MONUMENTS.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. LIMIT OF SECONDARY EXCAVATION TO BE FIELD VERIFIED BY CONFIRMATORY TESTING OF CONTAMINATED SOIL. GEOPHYSICAL SURVEYS AND TEST EXCAVATIONS AT THE LANDFILL PERIMETER AND AT DEPTH BY THE ENGINEER DURING CONSTRUCTION. REMOVAL OF CONTAMINATED SOIL TO BE VERIFIED BY ESG ON BEHALF OF THE ENGINEER.
6. LANDFILL EXCAVATION AREAS TO BE REGRADED UPON COMPLETION OF EXCAVATION. SUITABLE FILL TO BE PLACED AND COMPACTED TO MATCH SURROUNDING TERRAIN, PROMOTE POSITIVE DRAINAGE AND PREVENT PONDING.

Legend:

- TBA424 TEMPORARY BENCHMARK
- TIER I CONTAMINATED SOIL
- TIER II CONTAMINATED SOIL
- HAZARDOUS CONTAMINATED SOIL
- ⊕ TEST PT LOCATION (1992)
- ⊕ COORDINATE POINT
- ⊕ PHOTOGRAPHIC VIEWPOINT
- ⊕ BODY OF WATER
- ⊕ LANDFILL EXCAVATION AREA

NO.	DATE	REVISION	REVISION	DATE
1	01-01-98	ADDITIONAL No. 1		01-01-98

uma **SHI**

SCALE - COBBLE AS SHOWN

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001. AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

AIRSTRIIP LANDFILL - WEST
SITE PLAN AND CROSS SECTIONS

PRODUCTION CONCURRENCE - ASSORTMENT

DESIGNED	BY/DATE	DES OFF
ELUC	01/11/98	AGENT CONCEPT
DRAWN	01/11/98	SECT HD
DESIGNED	01/11/98	OVER SECT
CHECKED	01/11/98	DES MGR
VERIFIED	01/11/98	TEST CONCEPT
COORDINATION	01/11/98	REVIEWED - REVU
JWG		

DES. NO. - DESIGN NO.
H-8233/1-9101-107

TEMPORARY BENCHMARKS			
NO.	COORDINATES	ELEV.	DESCRIPTION
NORTHING	EASTING		
424	9 063.383	9 163.157	IRON BAR
427	9 297.474	9 065.521	IRON BAR

THESE BENCHMARKS ARE ON A SEPARATE COORDINATE SYSTEM. THEY ARE NOT TIED-IN TO THE SITE SURVEY AT THE STATION AREA.

CONTAMINATED SOIL				
AREA NO.	APPROX. AREA (m ²)	ESTIMATED IN PLACE VOLUME (m ³)	REFERENCE POINT	
			NORTHING	EASTING
TIER I				
AIRSTRIIP-LF2	30	15	9 095.1	9 082.7
TIER II				
AIRSTRIIP-LF3	30	15	9 084.8	9 129.6
HAZARDOUS				
AIRSTRIIP-LF1	30	15	9 221.3	9 098.1
AIRSTRIIP-LF4	20	6	9 172.9	9 073.3
FOR CONTAMINATED SOIL DETAILS SEE DWGS. H-8233/1-8101-120 TO 123				

FOR CONTAMINATED SOIL DETAILS SEE DWGS. H-8233/1-9101-120 TO 123.

ESTIMATED VOLUME OF PRIMARY LANDFILL EXCAVATION OF AIRSTRIIP LANDFILL - WEST = 5300m³ (AS MEASURED IN PLACE)

NOTE:
EXCAVATE AND STOCKPILE NATIVE ROCKY BEDROCK SOILS FROM LANDFILL EXCAVATION. STOCKPILE SOILS SUITABLE FOR TYPE 1A GRANULAR FILL ON BACKFILLED EXCAVATION TO MATCH SURROUNDING TERRAIN (SEE NOTE 6).

APPROXIMATE PERIMETER OF PRIMARY LANDFILL EXCAVATION. ELEVATION VARIES (2.5m MAX.) (SEE NOTE 5).

APPROXIMATE PERIMETER OF DEBRIS TO BE REMOVED. (SEE NOTE 2). DEBRIS INCLUDES:
BARRELS
MISC. METAL
SCRAP WOOD
CABLE
METAL STRAPPING
CAT TRACKS
OLD VEHICLES
STRUCTURAL STEEL

APPROXIMATE PERIMETER OF AREA TO BE BACKFILLED WITH TYPE 1A GRANULAR FILL TO MATCH SURROUNDING TERRAIN AND PROVIDE COVERAGE TO A MINIMUM ELEVATION OF 1.2m OR AS DIRECTED BY THE ENGINEER.

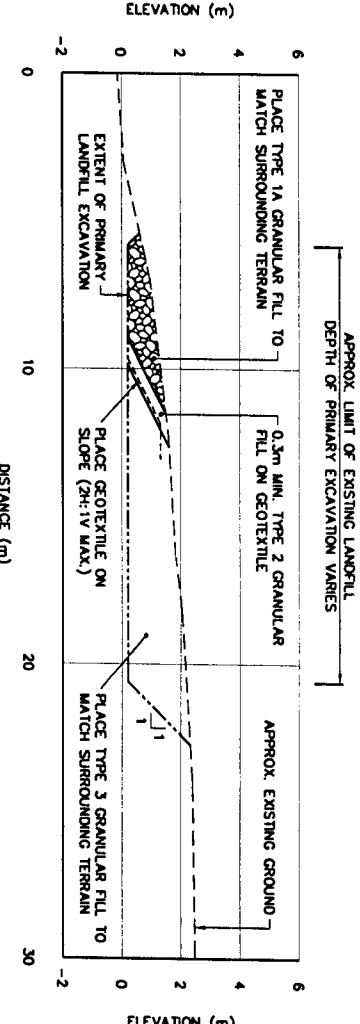
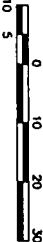
APPROXIMATE PERIMETER OF PRIMARY LANDFILL EXCAVATION. DEPTH OF PRIMARY LANDFILL EXCAVATION VARIES (2.5m MAX.) (SEE NOTE 5).

APPROXIMATE PERIMETER OF AREA TO BE BACKFILLED WITH TYPE 1A GRANULAR FILL TO MATCH SURROUNDING TERRAIN.

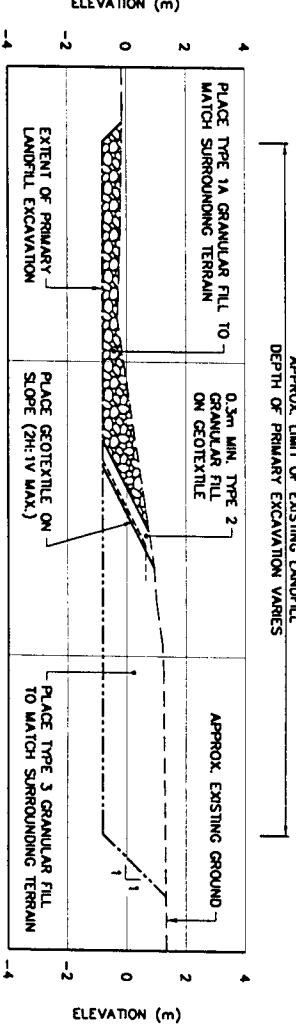
NOTE:
SHORELINE MAY NOT BE EXACTLY AS SHOWN. HIGH WATER MARK WAS NOT SURVEYED.

BROUGHTON CHANNEL

AIRSTRIIP LANDFILL - WEST



SECTION C 107



SECTION D 107

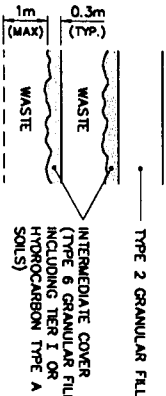


COORDINATE POINTS - LANDFILL EXCAVATION

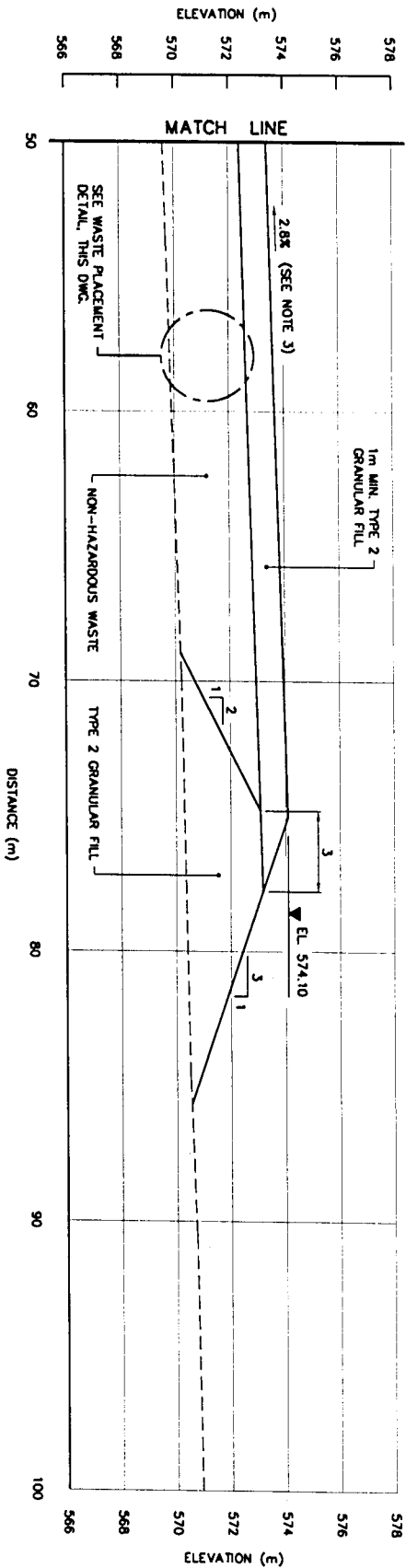
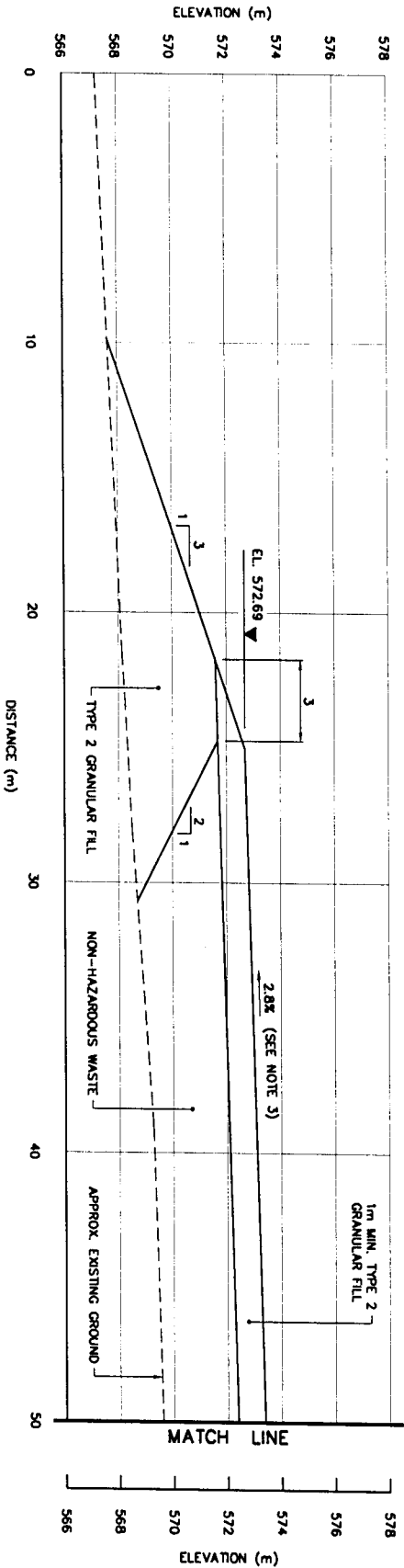
NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING
801	9 170.5	9 088.2	816	9 100.0	9 106.6	831	9 059.5	9 152.7
802	9 173.2	9 071.8	817	9 097.3	9 112.5	832	9 053.8	9 153.7
803	9 169.8	9 078.6	818	9 095.7	9 122.2	833	9 059.1	9 160.1
804	9 162.8	9 087.0	819	9 089.5	9 124.1	834	9 068.9	9 158.6
805	9 158.2	9 088.4	820	9 080.0	9 121.1	835	9 070.0	9 164.2
806	9 149.0	9 086.9	821	9 072.8	9 111.6	836	9 064.6	9 168.0
807	9 142.9	9 087.2	822	9 078.4	9 108.7	837	9 047.6	9 162.8
808	9 135.6	9 090.0	823	9 079.3	9 102.0	838	9 029.6	9 177.4
809	9 134.6	9 082.4	824	9 092.9	9 097.1	839	9 016.6	9 159.0
810	9 137.5	9 097.2	825	9 108.7	9 088.6	840	9 030.9	9 144.9
811	9 133.9	9 100.6	826	9 128.8	9 083.3	841	9 043.6	9 155.4
812	9 122.1	9 122.1	827	9 142.7	9 083.2	842	9 052.0	9 143.0
813	9 115.0	9 103.6	828	9 089.5	9 124.4	843	9 065.4	9 131.4
814	9 107.8	9 107.4	829	9 070.2	9 140.1	844	9 062.5	9 122.9
815	9 103.8	9 105.3	830	9 066.9	9 146.2	845	9 066.4	9 122.7

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED. MINIMUM 2% - MAXIMUM 4%.



WASTE PLACEMENT DETAIL
N.T.S.



SECTION

A
103

Legend:

1	0-0-28	ADDENDUM No. 1	22M
No.	DATE	REVISION	REVISION
			APPR.

UMA

SCALE

SCALE - GRAPHIC 2 1 0 2 4 6m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METRE SITTING DATE 2001-05-18

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

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED BY//ILLU	DES. OFF.
DRAWN BY	AGENT CONCEPT
DESIGNED BY	SECT. NO.
CHECKED BY	SECT. NO.
VERIFIED BY	SECT. NO.
COORDINATION BY	REVIEWED - REVU

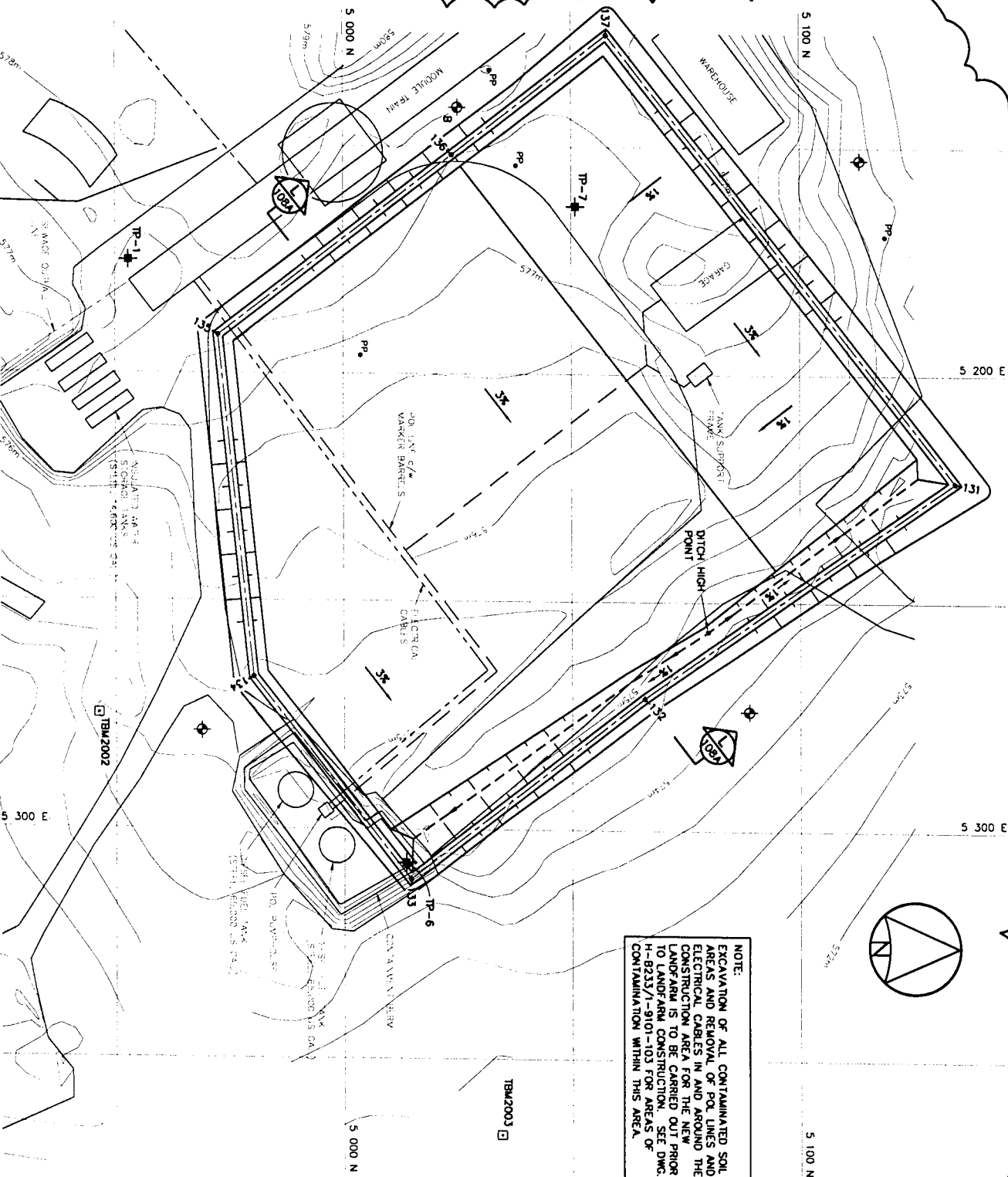
DWG. NO. - DESIGN NO.
H-8233/1-9101-108

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 DETAILS, SEE DMC H-8233/1-9101-125. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.

COORDINATE POINTS STATION AREA LANDFARM			
NO.	NORTHING	EASTING	ELEV.
131	5 134.0	5 223.4	575.80
132	5 065.9	5 271.1	575.80
133	5 014.6	5 311.0	575.80
134	4 980.2	5 266.8	577.48
135	4 972.5	5 191.7	579.40
136	5 023.8	5 151.8	579.40
137	5 125.4	5 057.8	579.80

- Legend:
- COORDINATE POINT
 - PROPOSED MONITORING WELL LOCATION (3)
 - PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

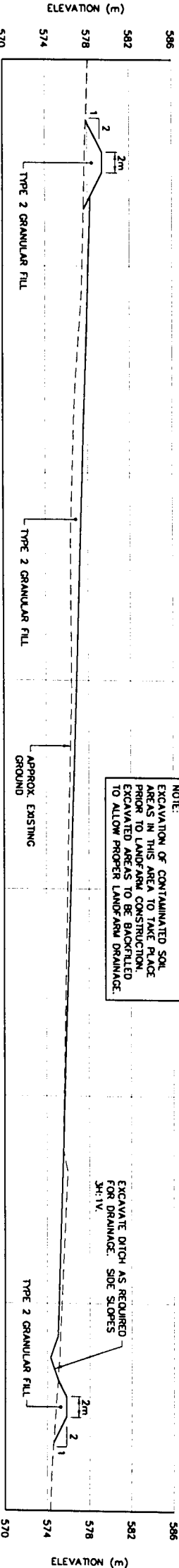


LANDFARM - PLAN

0 20 40 60m

20 10

NOTE:
EXCAVATION OF CONTAMINATED SOIL AREAS IN THIS AREA TO TAKE PLACE PRIOR TO LANDFARM CONSTRUCTION. EXCAVATED AREAS TO BE BACKFILLED TO ALLOW PROPER LANDFARM DRAINAGE.



SECTION

L 108A



1	02-03-78	ADDENDUM No. 1	ELM
NO.	DATE	REVISION	APPROV.

UNO SITE

SCALE - GRAPHIC AS SHOWN

PROJECT - PROJECT FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT HER MAJESTY THE QUEEN IN RIGHT OF CANADA 2002, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE.

TRADE - VECTOR	SITING	DATE
SAFETY - SILET		2002-03-08

STATION AREA LANDFARM
PLAN AND CROSS SECTION

PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	MM	DWG OFF	AGENT CONCEPT
DRAWN	OK	SECT HD	OPER SECT
CHECKED	ELM	DWG MGR	DESIGN CONCEPT
COORDINATOR	JMG	REVIEWED	REVU

DMC NO. - DESIGN NO. H-8233/1-9101-108A

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. KEY LINER 1.5m MIN. BELOW EXISTING GROUND. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.

Legend:

 COORDINATE POINT

No.	DATE	REVISION	REVISION	APPROVED

UNO
SCALE - TORQUE 10 5 0 10 20 30m
STILE

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

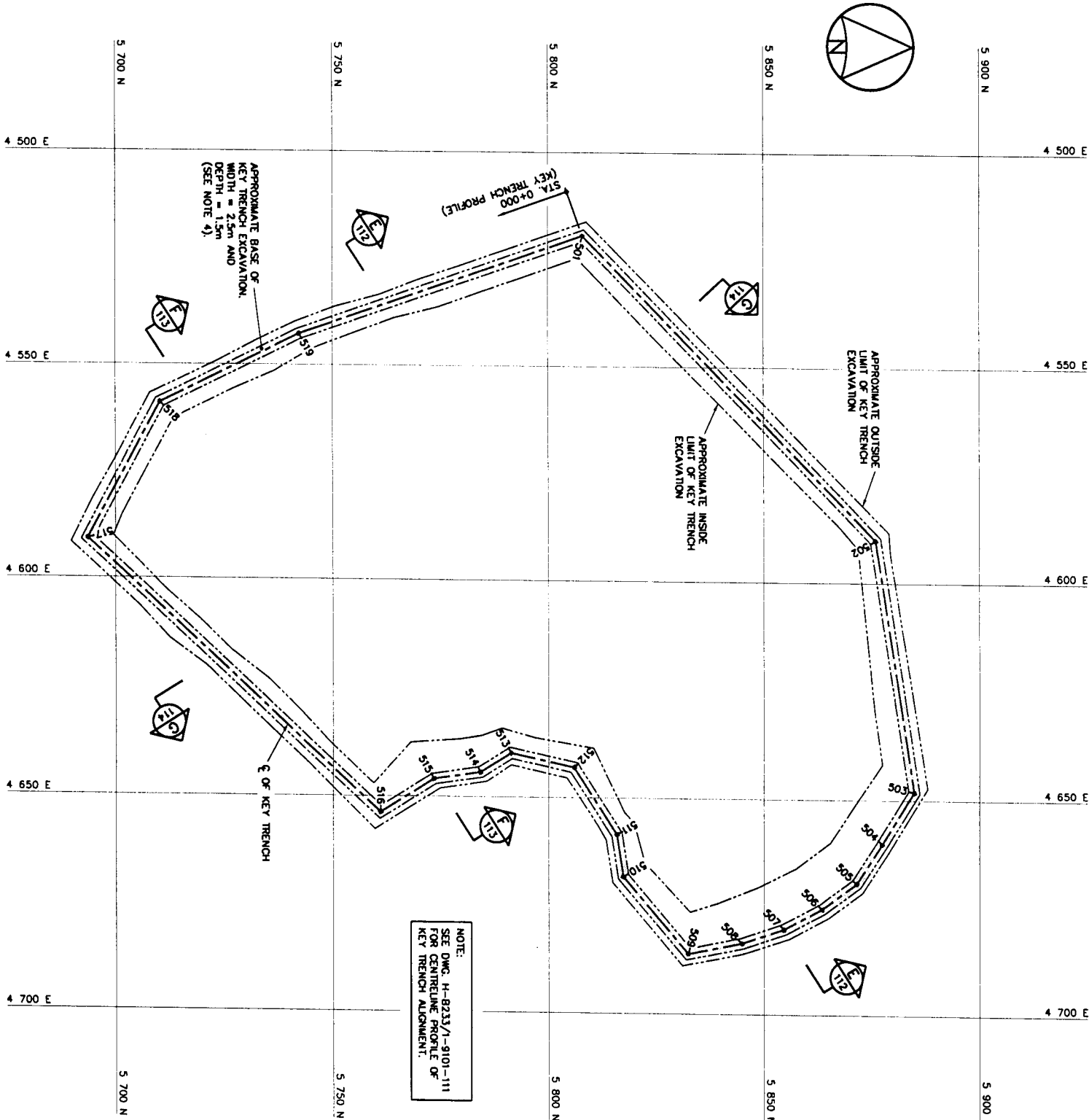
TRADE - METERS	SITING	DATE
		2001-05-18

SUBJECT - SLEET
MAIN LANDFILL
KEY TRENCH EXCAVATION PLAN

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED BY//DATE	DES. OFF.
ETUDE	AGENT CONCEPT
DRAWN	SECT HD
DESIGNED	CHIEF SECT
CHECKED	DES. MGR
VERIFIED	DES. CONCEPT
COORDINATION	REVIEWED - REVU
DATE	

DOC. NO. - DESIGN NO.
H-8233/1-9101-110

Canada



COORDINATE POINTS KEY TRENCH EXCAVATION		
NO.	NORTHING	EASTING
501	5 808.0	4 519.4
502	5 875.9	4 590.1
503	5 884.8	4 648.1
504	5 877.4	4 660.2
505	5 871.5	4 669.4
506	5 863.4	4 675.4
507	5 854.6	4 680.2
508	5 844.9	4 683.5
509	5 832.4	4 686.1
510	5 817.3	4 688.2
511	5 815.8	4 688.5
512	5 805.9	4 643.0
513	5 791.2	4 639.8
514	5 784.2	4 644.3
515	5 773.4	4 645.9
516	5 761.0	4 653.8
517	5 693.7	4 590.9
518	5 710.2	4 599.1
519	5 742.3	4 542.8

General Notes:

1. KEY LINDER 1.5m MIN. BELOW EXISTING GROUND. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.

Legend:

NO.	DATE	REVISION	REVISION	APPR.

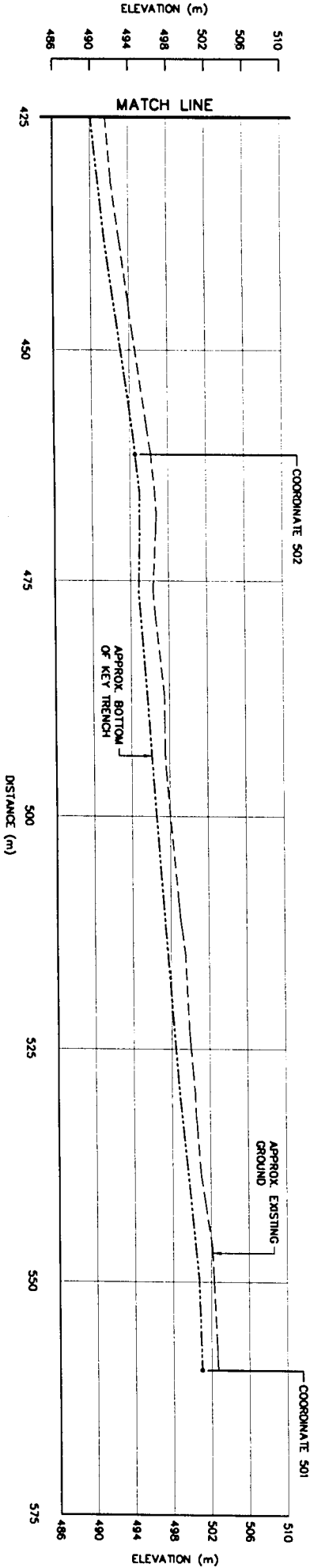
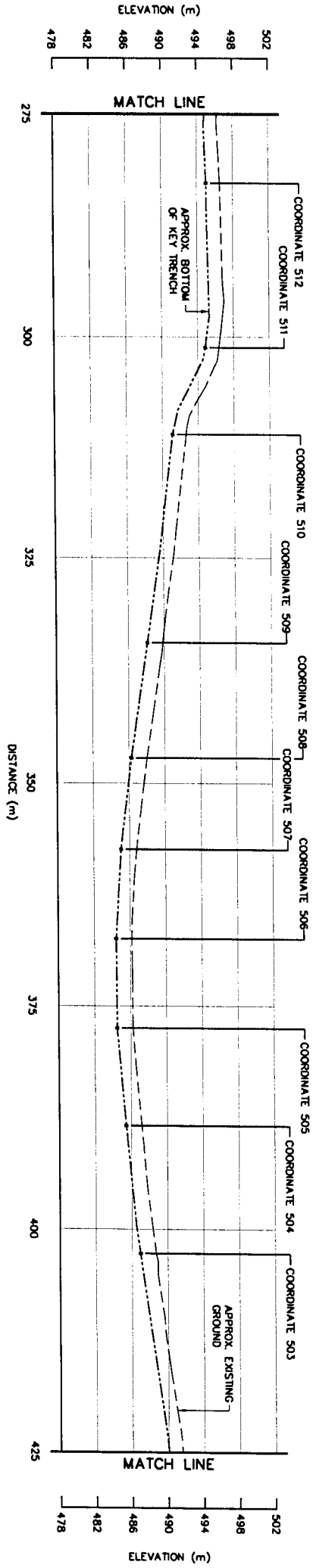
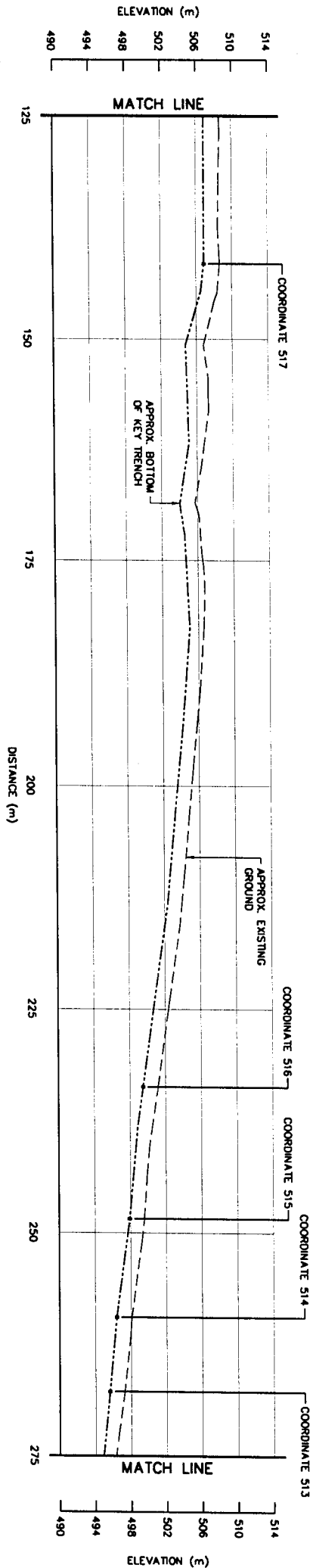
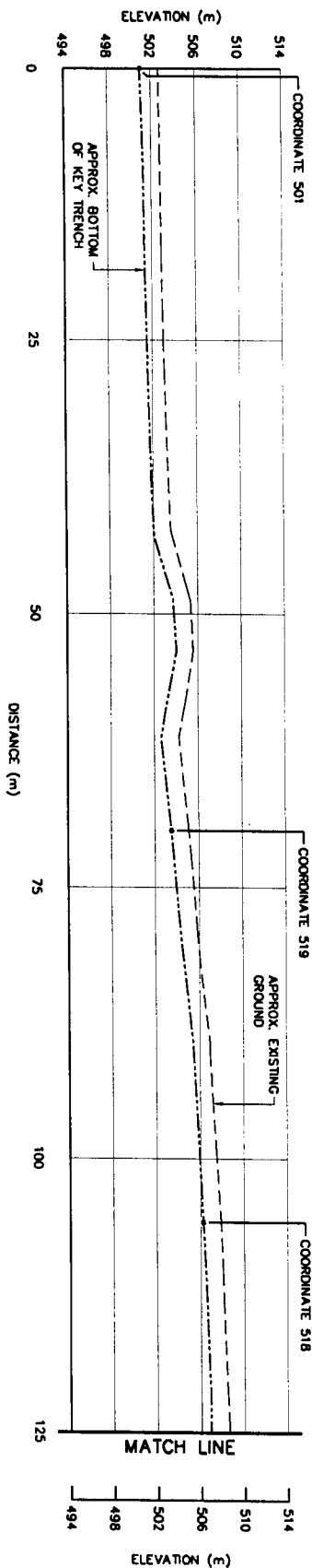
UMA	SCALE
SCALE - ECHELLE	5 2.5 0 5 10 15m
PROJECT - PROJET	FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - METIER	STING	DATE
		2001-05-18

MAIN LANDFILL
KEY TRENCH CENTRELINE PROFILE

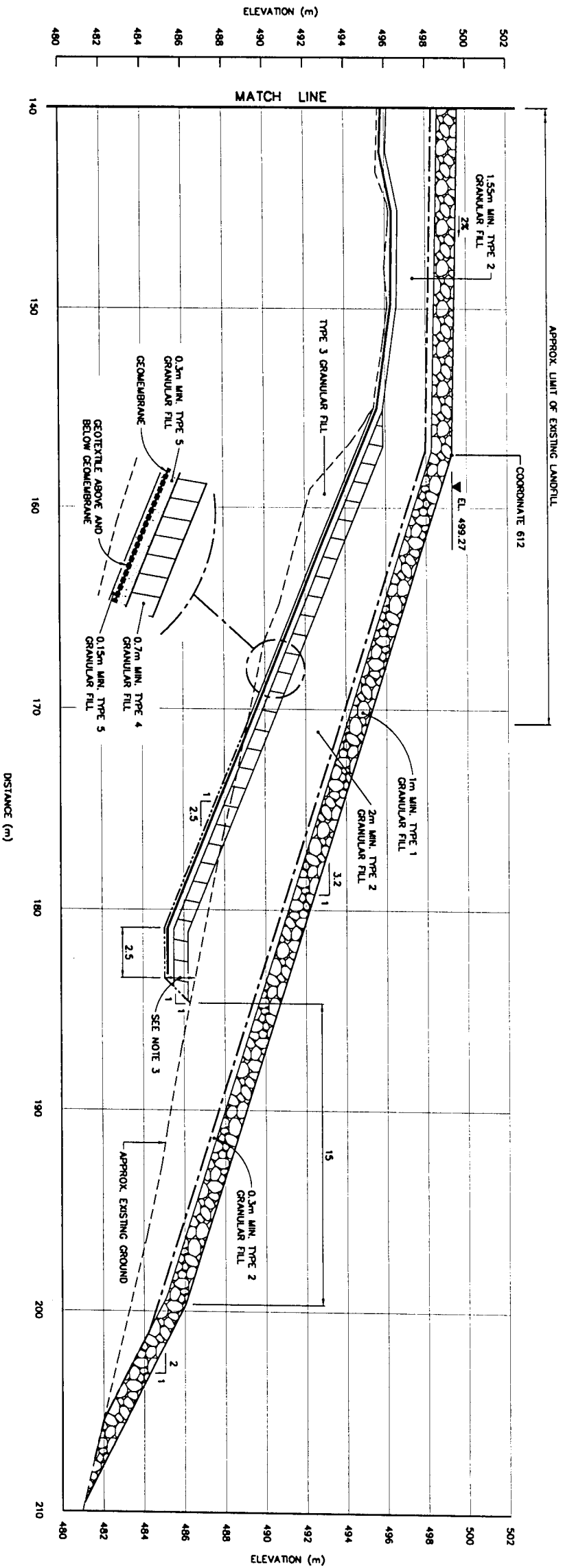
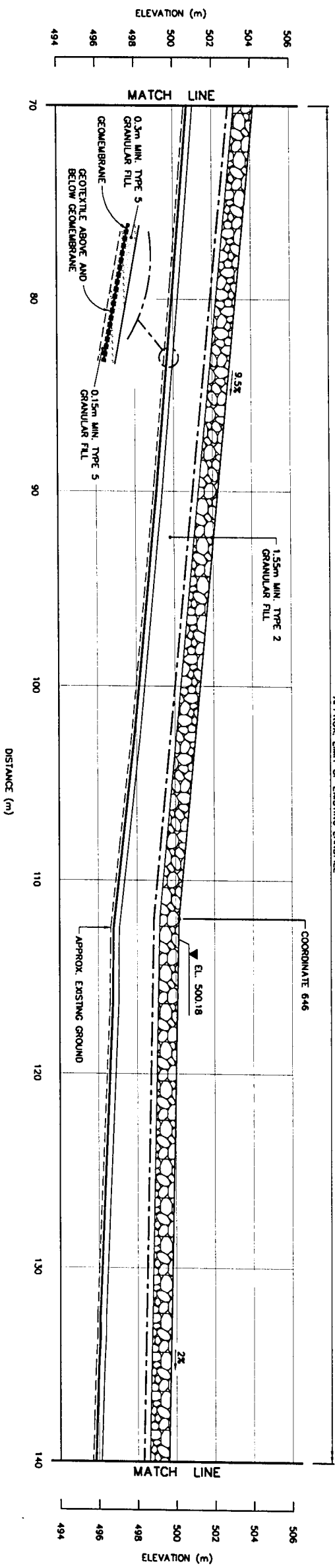
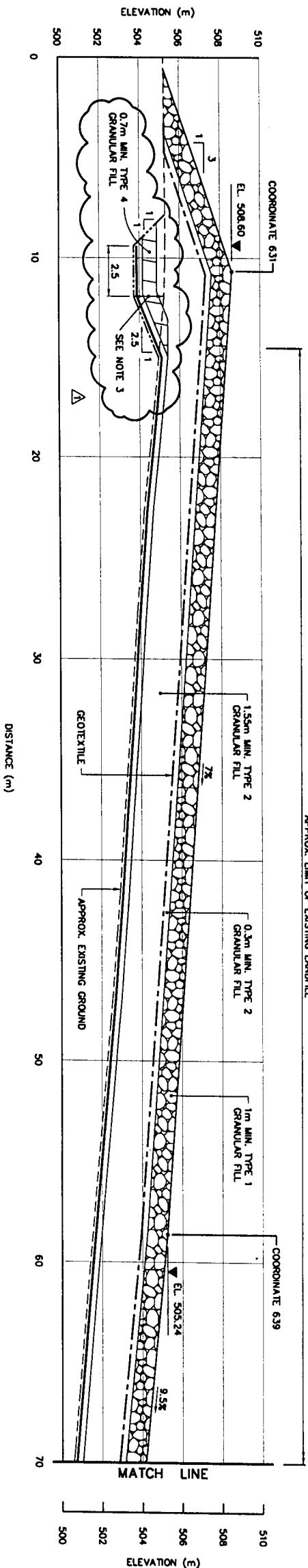
PRODUCTION	CONFORMANCE - ASSURANCE
DESIGNED <i>HWI/ELM</i>	DES. OFF.
DRAWN <i>OK</i>	AGENT CONCEPT
CHECKED <i>HWI</i>	DEF. SECT.
REVIEWED <i>HWI</i>	DES. MGR.
COORDINATION <i>HWI</i>	REVIEWED - REVU
DWG. NO. - DESIGN NO.	H-8233/1-9101-111



KEY TRENCH CENTRELINE PROFILE

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY LINDER 1.5m MIN. BELOW EXISTING GROUND. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.



1	10-01-28	ADDENDUM No. 1	REV
No.	DATE	REVISION	REVISION

SCALE - GRAPHIC
2 1 0 2 4 6m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE

TRADE - WATER	SITING	DATE
		2001-05-18

MAIN LANDFILL
CROSS SECTIONS SH. 1

PRODUCTION	COMPARISON - ASSEMBLY
DRAWN BY/DATE	DES. OFF.
BY/DATE	AGNT. CONCEPT
DESIGNED BY/DATE	SECT. NO.
CHECKED BY/DATE	CHEF. SECT.
VERIFIED BY/DATE	DES. LDR.
COORDINATOR	DES. COMMOD.
REVIEWED - REVU	

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. KEY LINER 1.5m MIN. BELOW EXISTING GROUND. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.

12-05-20	ADDENDUM No. 1	12/04
DATE	REVISION	REVISION
		12/04

2 1 0 2 4 6m

FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

DOE - WETTER	DATE
SITING	2001-05-18
SUBJECT - SUBJECT	

MAIN LANDFILL CROSS SECTIONS

SH. 2

1. *Chrysomelidae* (Coleoptera) (100%)

ONE	BW/CLM	AGENTS
-----	--------	--------

NAME	GRADE	SECT NO	CHIEF SECT
NAME	GRADE	SECT NO	CHIEF SECT

OKED		DES MOR
1765		

REVIEWED - REVU	INFORMATION
-----------------	-------------

NAME	DATE	TIME	LOCATION	REMARKS
...	...	...	...	...

H-8233/1-9101-113

Canada

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY LINDER 1.5m MIN. BELOW EXISTING GROUND. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.

Legend:

1	01-01-20	ADDENDUM No. 1	22/01
Rev	DATE	REVISION	REVISION
			APPROV

UMA SIZE

SCALE - GRAPHIC 2 1 0 2 4 6m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METRIC SITTING DATE 2001-05-18

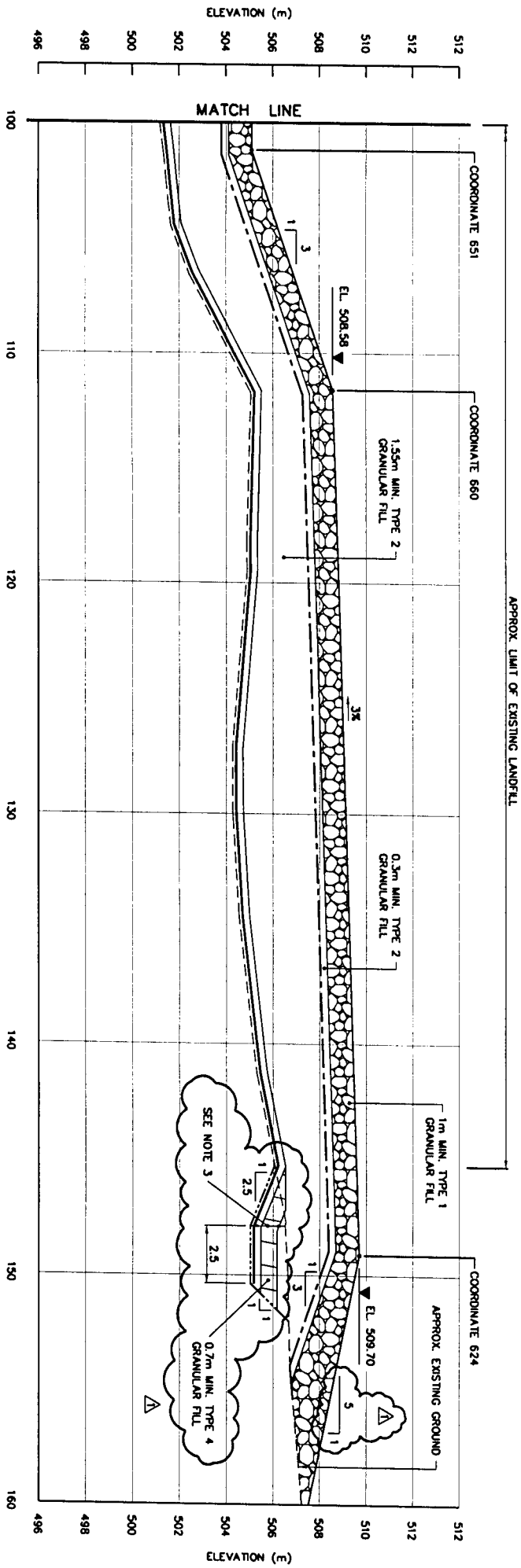
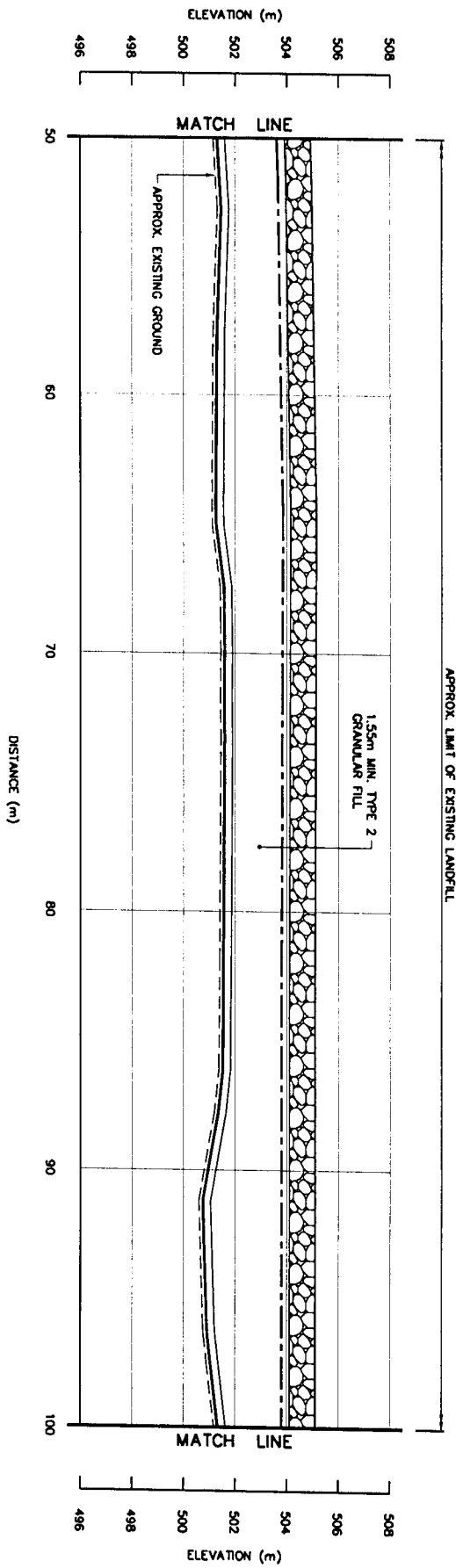
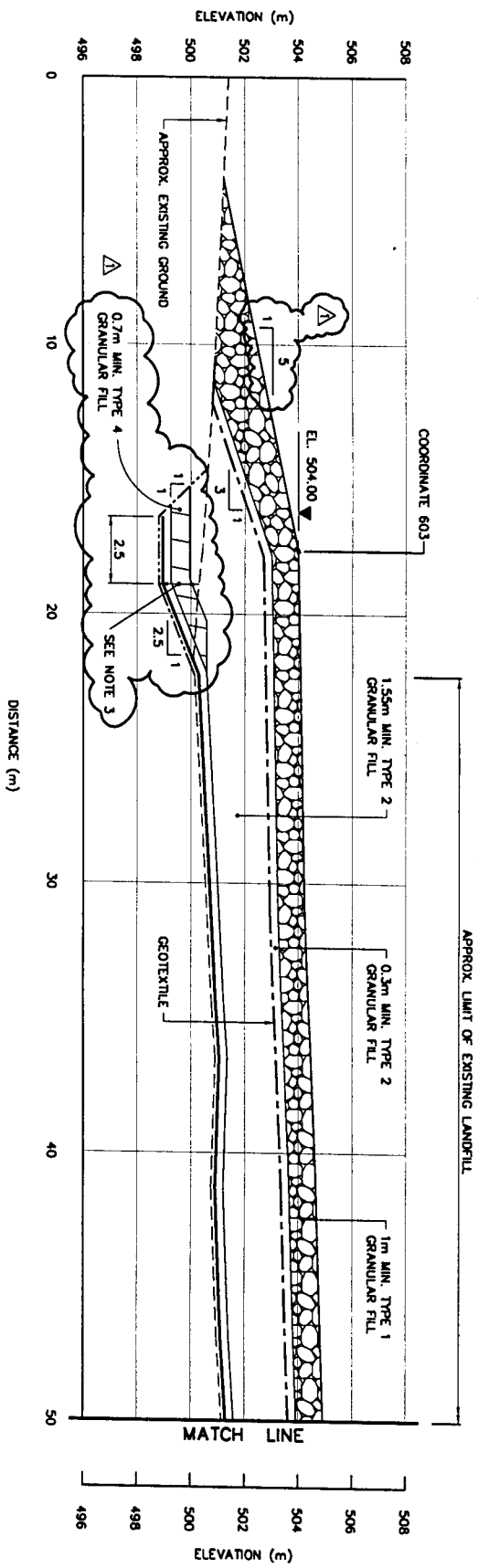
SUBJECT - SLUET

MAIN LANDFILL
CROSS SECTIONS SH. 3

PRODUCTION CONCURRENCE - ASSIGNMENT

DESIGNED	REV/1/2001	DES OFF	AGENT CONCEPT
DRAWN	04/	SECT NO	04/
DESIGNED	04/	SECT NO	04/
CHECKED	04/	SECT NO	04/
VERIFIED	04/	SECT NO	04/
COORDINATION	04/	REVIEWED	REVIEW

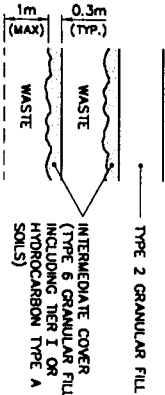
FIG. NO. - DESIGN NO.
H-8233/1-9101-114



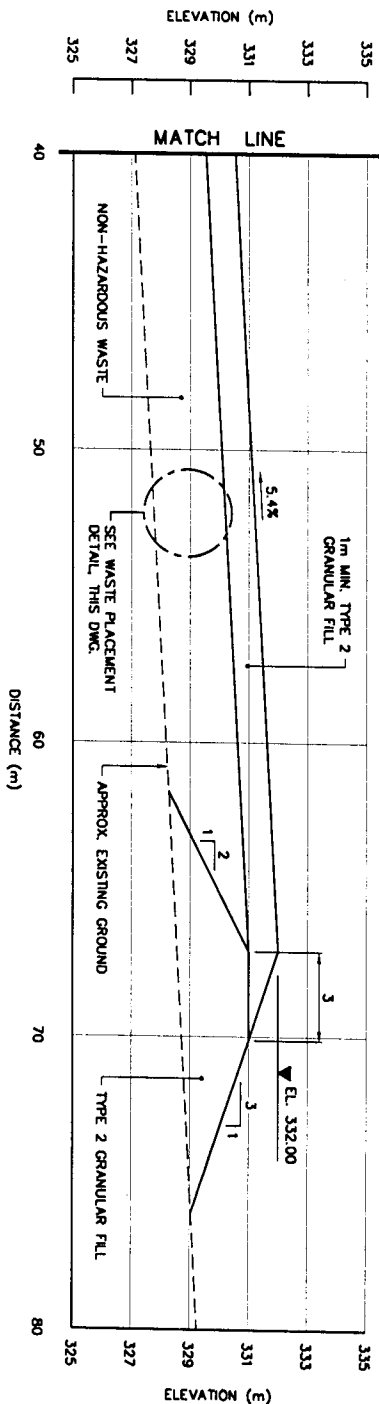
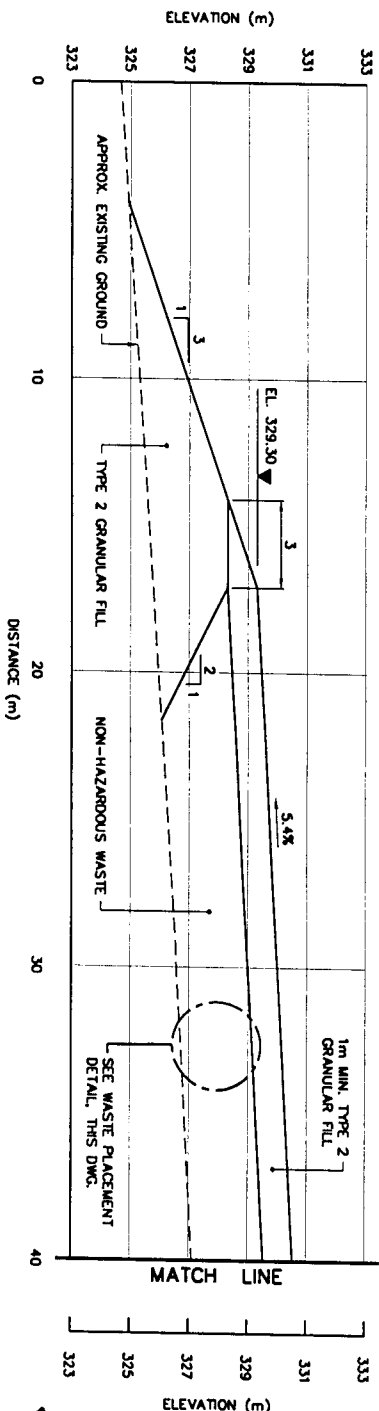
SECTION
109, 110

General Notes:

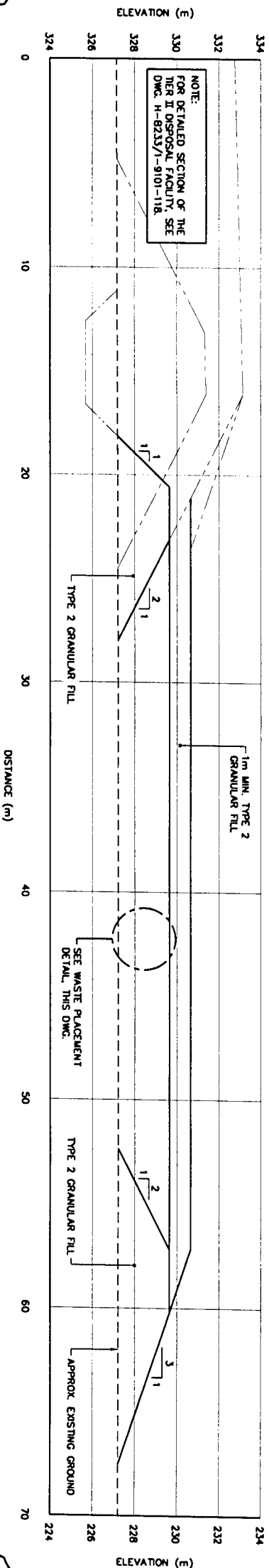
1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.



WASTE PLACEMENT DETAIL
N.T.S.



SECTION
105, 116
B



SECTION
105, 116
H

Legend:

1	04-01-26	ADDENDUM No. 1	2001-05-16
2	04-01-26	ADDENDUM No. 2	2001-05-16

1	04-01-26	ADDENDUM No. 1	2001-05-16
2	04-01-26	ADDENDUM No. 2	2001-05-16

1	04-01-26	ADDENDUM No. 1	2001-05-16
2	04-01-26	ADDENDUM No. 2	2001-05-16

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

1	04-01-26	ADDENDUM No. 1	2001-05-16
2	04-01-26	ADDENDUM No. 2	2001-05-16

1	04-01-26	ADDENDUM No. 1	2001-05-16
2	04-01-26	ADDENDUM No. 2	2001-05-16

- 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 THERMISTOR INSTALLATION DETAILS, SEE DWG. H-8233/1-9101-125, EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
 5. KEY LIMER 1.5m. MIN. BELOW EXISTING GROUND EXCAVATION DEPTH TO BE FIELD DETERMINED BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.

Legend:

- COORDINATE POINT
• V-9 VERTICAL THERMISTOR INSTALLATION (4)

1	02-03-26	ADDENDUM NO. 1	2244
No.	DATE	REVISION	APPROVED

UMA	SIZE
SCALE - HORIZ. 10 5 0 10 20 30m	
PROJECT - PROJECT	

FOX-5 BROUGHTON ISLAND

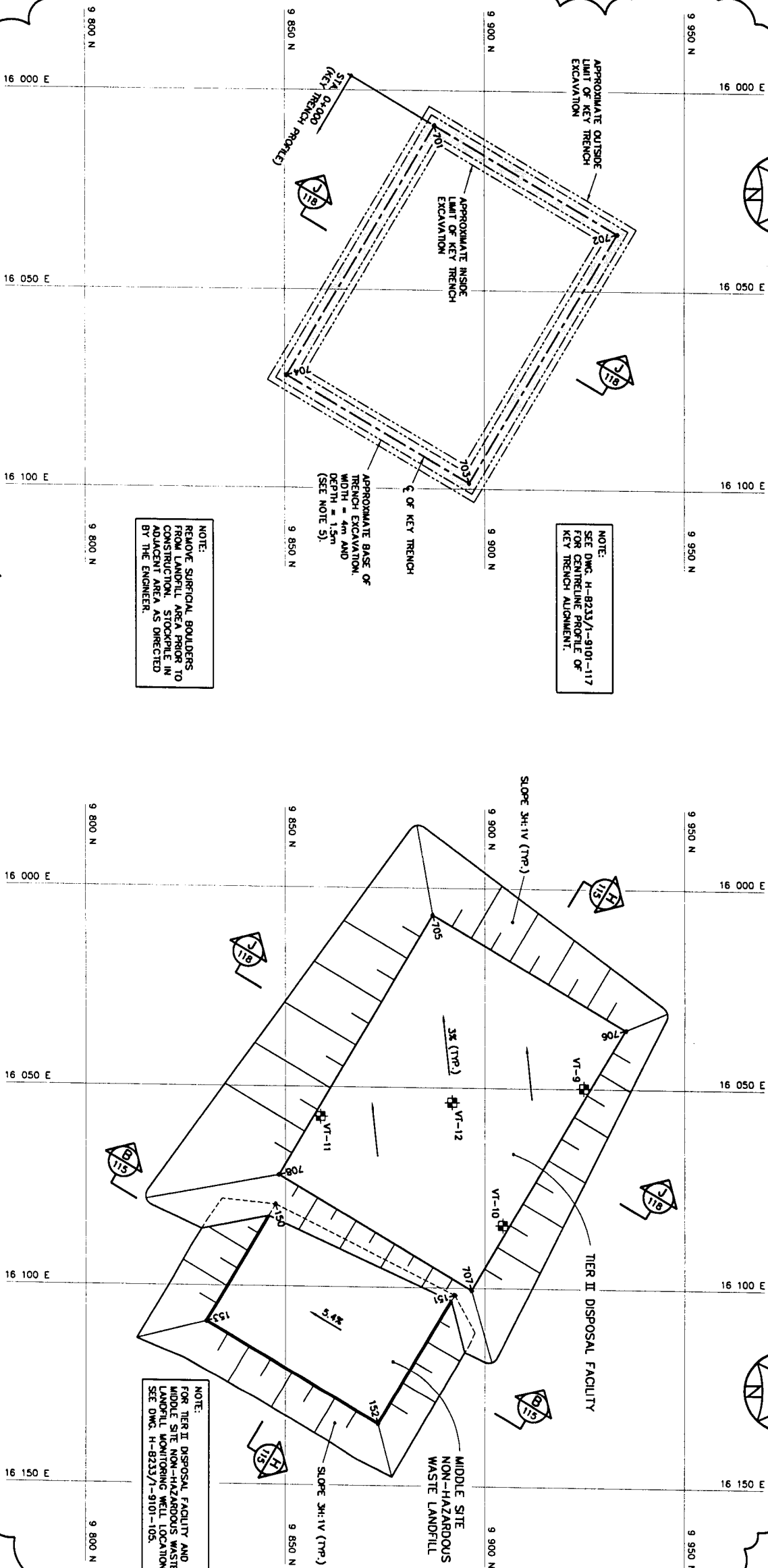
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METERS	SITING	DATE
SUBJECT - SLEET		2001-05-18

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

PRODUCTION	CONCORDE - ASSIGNMENT
DESIGNED BY//EDM	DES. OFF.
DRAWN BY//EDM	AGENT CONCEPT
CHECKED BY//EDM	SECT. NO.
WORKED BY//EDM	OVER SECT.
COORDINATION	DES. WORK
348	REVIEWED - REVU
DWG. NO. - DESIGN NO.	
H-8233/1-9101-116	



KEY TRENCH EXCAVATION PLAN

COORDINATE POINTS KEY TRENCH EXCAVATION			
NO.	NORTHING	EASTING	ELEV.
701	9 867.5	16 006.7	330.82
702	9 933.2	16 035.6	332.00
703	9 896.1	16 096.5	332.65
704	9 850.5	16 071.7	332.65

GRADING/INSTRUMENTATION PLAN

COORDINATE POINTS TIER II DISPOSAL FACILITY			
NO.	NORTHING	EASTING	ELEV.
705	9 897.0	16 006.7	330.82
706	9 935.2	16 035.1	331.82
707	9 896.7	16 100.6	333.65
708	9 848.4	16 072.2	332.65

COORDINATE POINTS NON-HAZARDOUS WASTE LANDFILL			
NO.	NORTHING	EASTING	ELEV.
150	9 847.6	16 079.6	329.30
151	9 892.5	16 101.8	332.00
152	9 873.3	16 134.5	332.00
153	9 830.2	16 109.1	329.30

Legend:

1	04-01-86	ADDENDUM No. 1	
DATE	REVISION	REVISION	DATE

UNO	SCALE
2 1 0 2 4 6m	

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

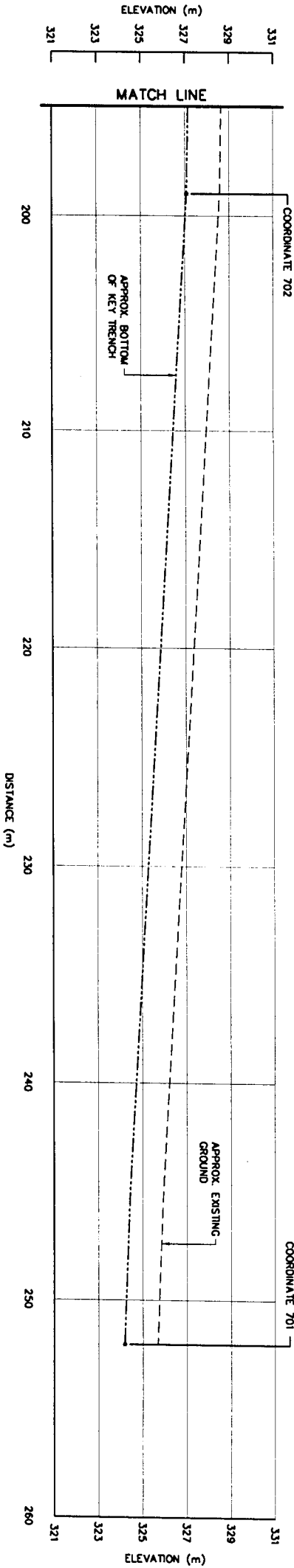
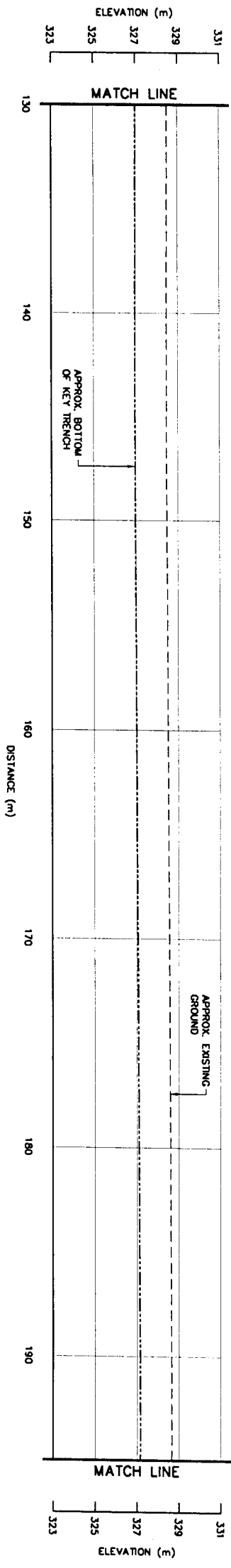
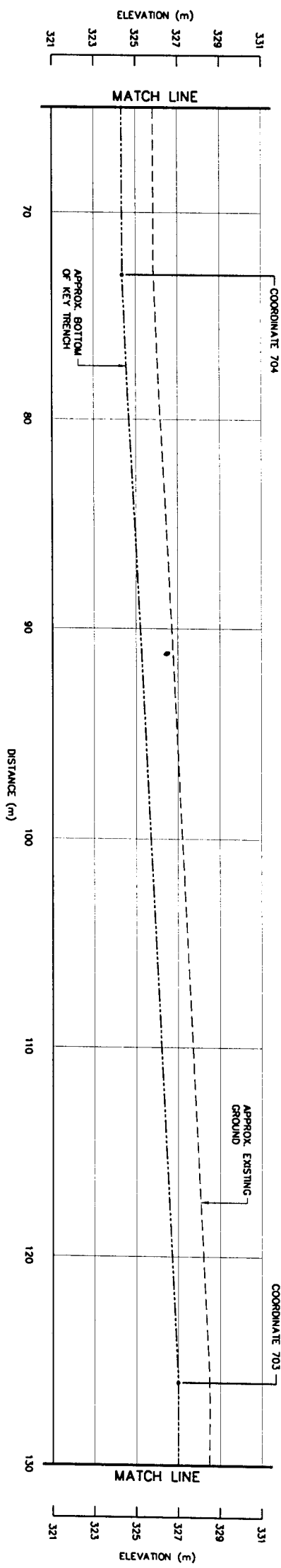
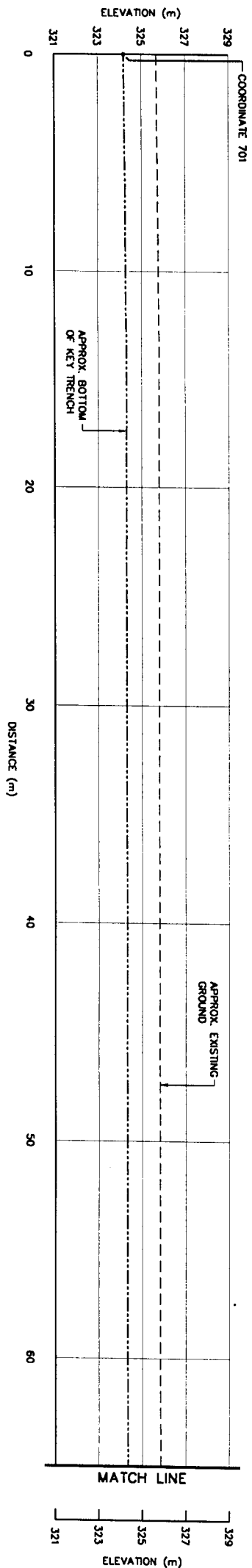
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METRE	DATE
STING	2001-05-18

TIER II DISPOSAL FACILITY
KEY TRENCH CENTRELINE PROFILE

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED BY/DATE	DES. GFT
ETUOE	AGENT CONCEPT
DRAWN BY/DATE	SECT. NO.
DESIGNED BY/DATE	OVER SECT.
CHECKED BY/DATE	DES. WORK
COOPERATION	DESIGN CONCEPT
REVIEWED - REVU	

UNO NO. - DESSIN NO.
H-8233/1-9101-117



KEY TRENCH CENTRELINE PROFILE

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. KEY TRENCH FOR SATURATED BERMS TO EXTEND 1.5m MIN. BELOW EXISTING GROUND. BY THE SITE ENGINEER, BASED ON THE PRESENCE OF SATURATED GROUND.
4. TYPE 6 INTERMEDIATE FILL ONLY REQUIRED FOR LANDFILLING OF ORGANIC OR WET SOILS AS DIRECTED BY THE ENGINEER.

Legend:

1	02-03-28	ADDENDUM No. 1	22M
No.	DATE	REVISION	APPRO.

UNMA	SIZE
------	------

SCALE - GRAPHIC	2 1 0 2 4 6m
-----------------	--------------

PROJECT - PRODUCT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

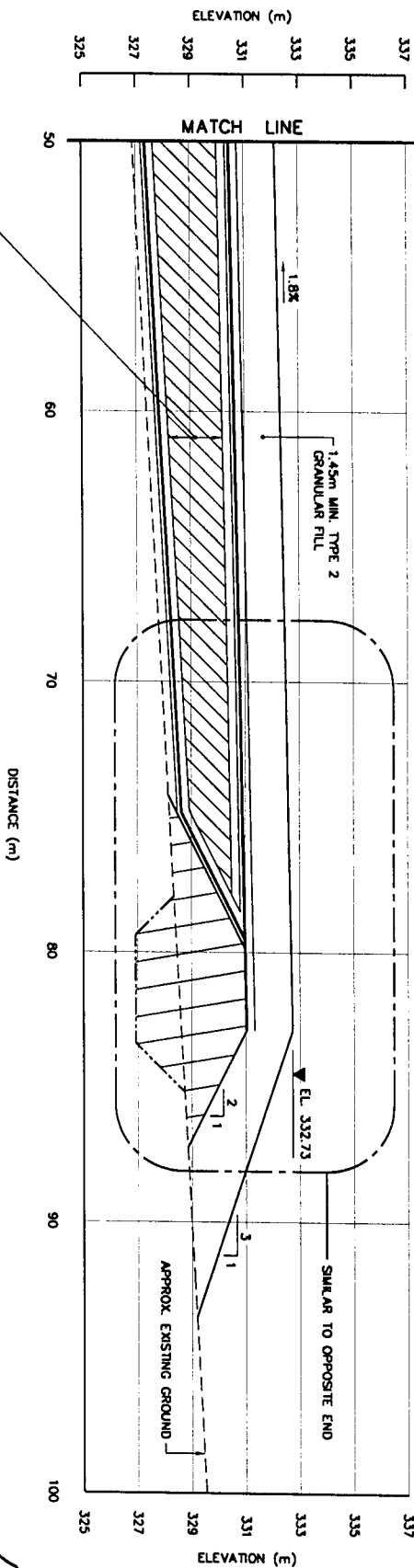
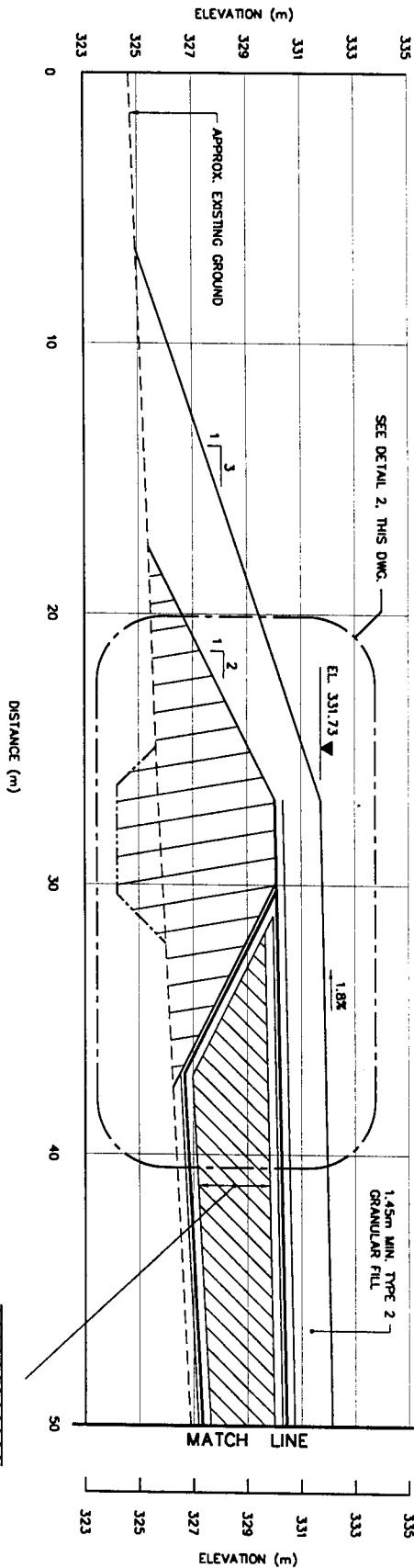
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - METRIC	STING	DATE
SUBJECT - SKETCH		2001-05-18

TIER II DISPOSAL FACILITY
CROSS SECTION

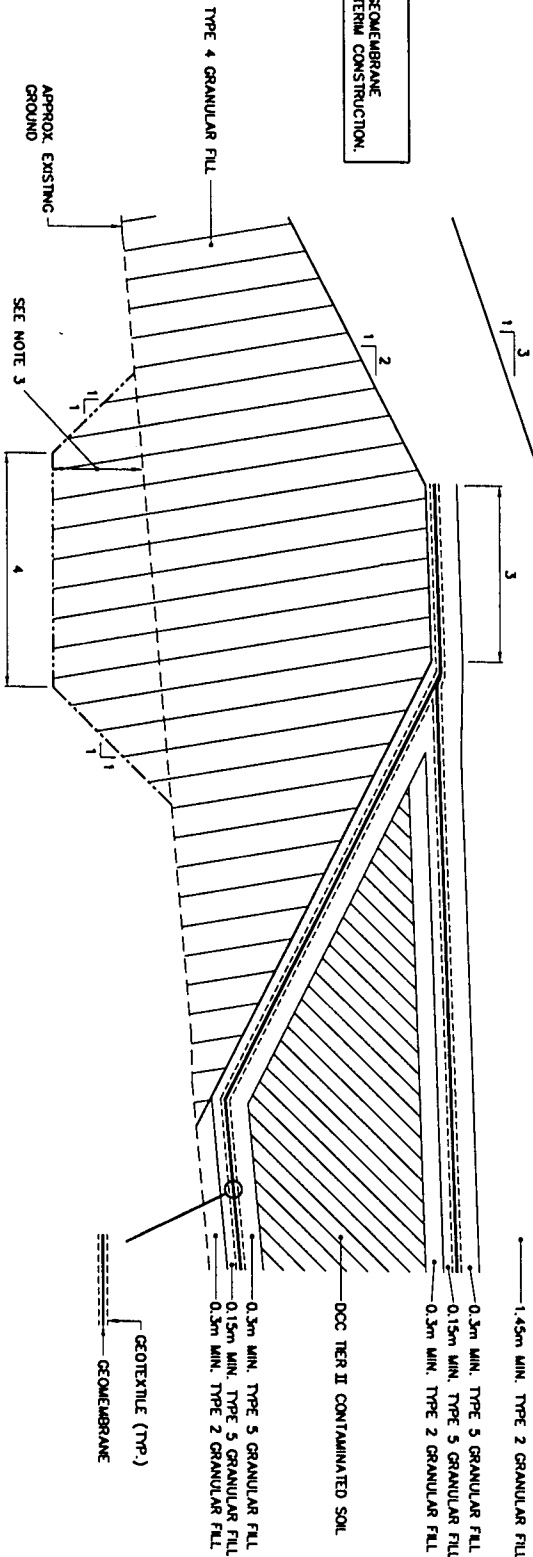
PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED <i>HWI/2MM</i>	DES. OFF
ETUQUE	AGENT CONCEPT
DRAWN <i>OW</i>	SECT NO
DESIGN	DEF. SECT
CHECKED <i>MD</i>	DES. MGR
VERIFIED	DESIGN CONCEPT
COORDINATION	REVIEWED - REVIEW
<i>SW</i>	

DWG. NO. - DESIGN NO.
H-B233/1-9101-118



NOTE:
LINERS TO BE IN CONTACT
WITH EACH OTHER OVER THE
TOP OF THE BERM.

NOTE:
PROTECT GEOMEMBRANE
DURING INTERIM CONSTRUCTION.



DETAIL

2
118

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 DETAILS, SEE DWG. H-8233/1-910125. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
5. NO EXCAVATION OR DISTURBANCE IS ALLOWED OUTSIDE THE ARCTIC AIRPORTS PROPERTY FOR LANDFARM CONSTRUCTION.

Legend:

- EXISTING MONITORING WELL LOCATION
- COORDINATE POINT
- PROPOSED MONITORING WELL LOCATION (3)
- PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

1	OF 01-28	APPENDIX NO. 1	END
NO.	DATE	REVISION	REVISION
			APPROVED

UNMA
SCALE - EXHIBIT
AS SHOWN

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

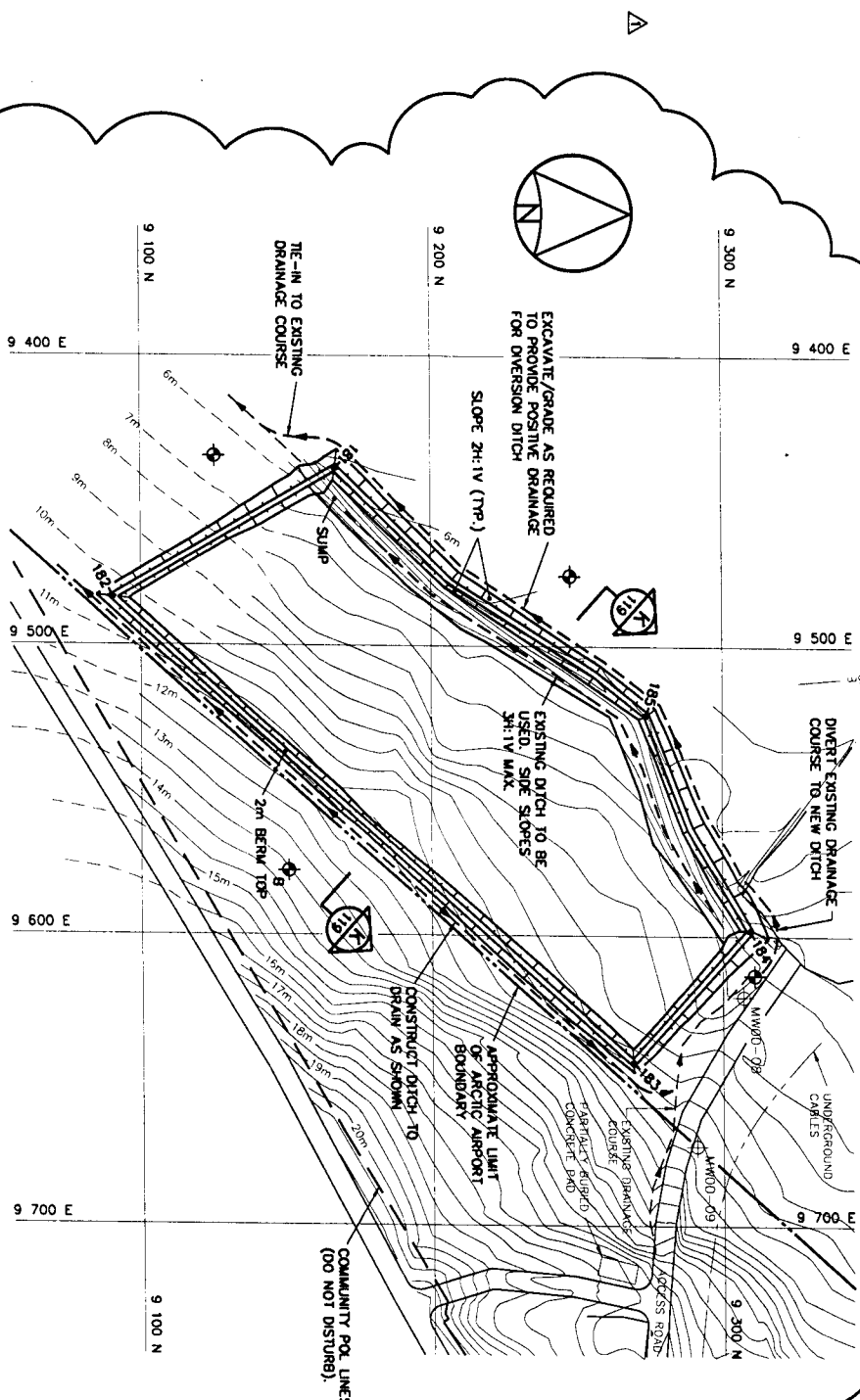
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA
MINISTER OF NATIONAL DEFENCE

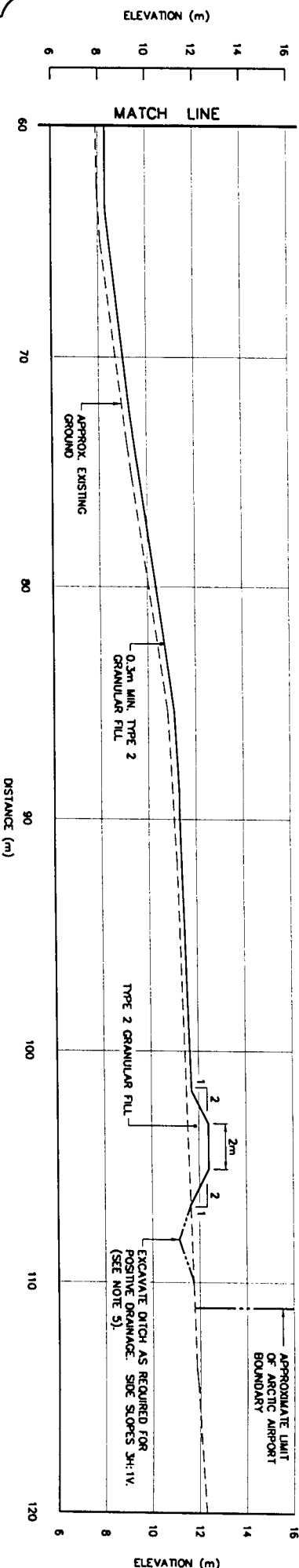
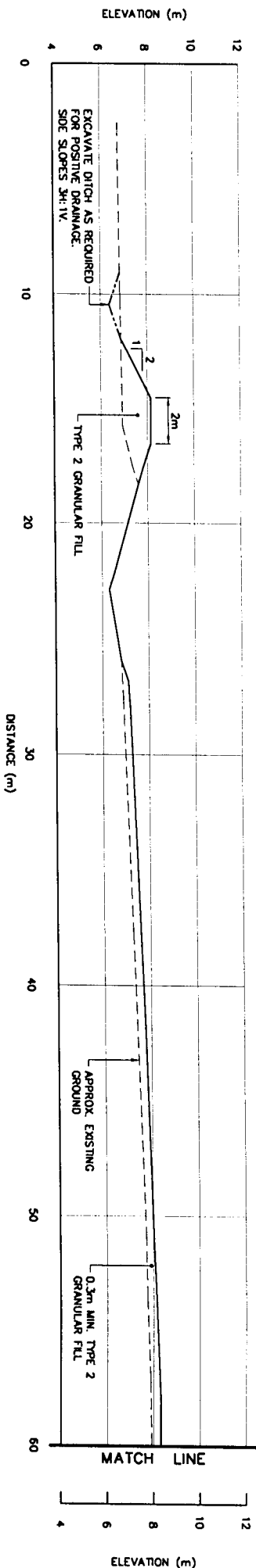
TRADE - METRIC
SHEET
DATE
2001-05-18

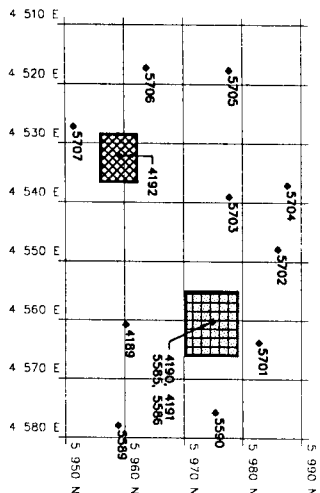
SUBJECT - SHEET
AIRSTRIIP AREA LANDFARM
PLAN AND CROSS SECTION

PRODUCTION	CONCURRENCE - ASSORTMENT
DESIGNED BY/DATE	DES. OFF.
DRAWN BY/DATE	AGENT CONCEPT
CHECKED BY/DATE	SECT. HQ
DESIGNED BY/DATE	SECT. HQ
CHECKED BY/DATE	DES. WORK
REVIEWED BY/DATE	DES. CONCEPT
COORDINATION	REVIEWED - REVIEW
DATE	DATE
H-8233/1-9101-119	DESIGN NO. - 0533M NO.



COORDINATE POINTS LANDFARM			
NO.	NORTHING	EASTING	ELEV.
181	9 167.0	9 439.3	7.5
182	9 090.4	9 483.9	11.7
183	9 269.0	9 643.4	11.5
184	9 308.5	9 598.0	9.3
185	9 274.1	9 523.5	8.2





MAIN-LF (DWG. 104)

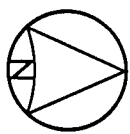


TABLE 1: CONTAMINATED SOIL	
AREA NO.	DEPTH OF EXCAVATION (m)
DCC TIER I	
AIRSTRIIP-LF2	0.5
DCC TIER II	
AIRSTRIIP-LF3	0.5
BEACH POL	0.3
HYDROCARBON - TYPE A	
MAN-LF	0.5
HYDROCARBON - TYPE B	
BEACH POL-SURFACE	0.5
VARIES (1.7m MAX.)	
HYDROCARBON - TYPE A / DCC TIER I	
MAN-LF	0.3
HYDROCARBON - TYPE B / DCC TIER I	
BEACH POL	0.3
HYDROCARBON - TYPE B / DCC TIER II	
BEACH POL	0.3
HAZARDOUS	
AIRSTRIIP-LF1	0.5
AIRSTRIIP-LF4	0.3

NOTE:
COORDINATE POINTS FOR CONTAMINATED SOIL AREAS WILL BE PROVIDED DURING CONSTRUCTION.

FOR DEPTHS LESS THAN 0.5
FOR DEPTHS GREATER THAN 0.5

LIMITS OF CONTAMINATED AREA

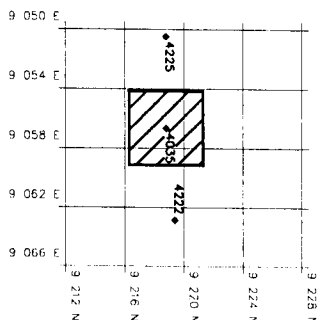
APPROX. EXISTING GROUND

NOTE:
1. MATERIAL TO BE REMOVED, DCC TIER I AND HYDROCARBON - TYPE A SOILS TO BE DISPOSED OF IN AN ON-SITE LANDFILL. DCC TIER II SOILS TO BE PLACED IN THE ON-SITE DCC TIER II SOIL DISPOSAL FACILITY. HYDROCARBON - TYPE B SOILS TO BE PLACED IN THE ON-SITE LANDFILL.
2. TYPE 3 GRANULAR FILL MATERIAL TO BE PLACED IN EXCAVATION COMPACTED AND MOUNDED TO FORM ABOVE GROUND TO PROVIDE DRAINAGE, UNLESS NOTED OTHERWISE.

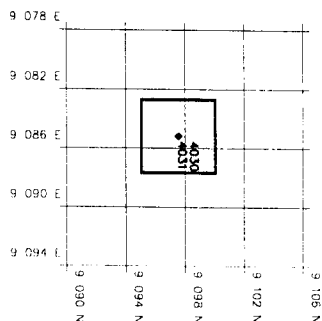
TYPICAL SECTION

N.T.S.

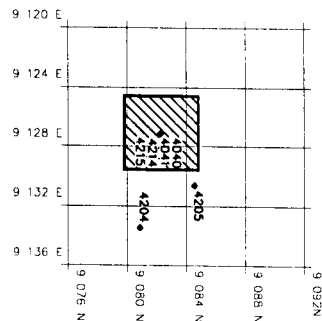
NOTE:
CONTAMINATED AREA LOCATED WITHIN LANDFILL PERIMETER.



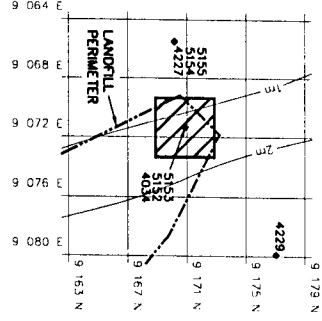
AIRSTRIIP-LF1 (DWG. 107)



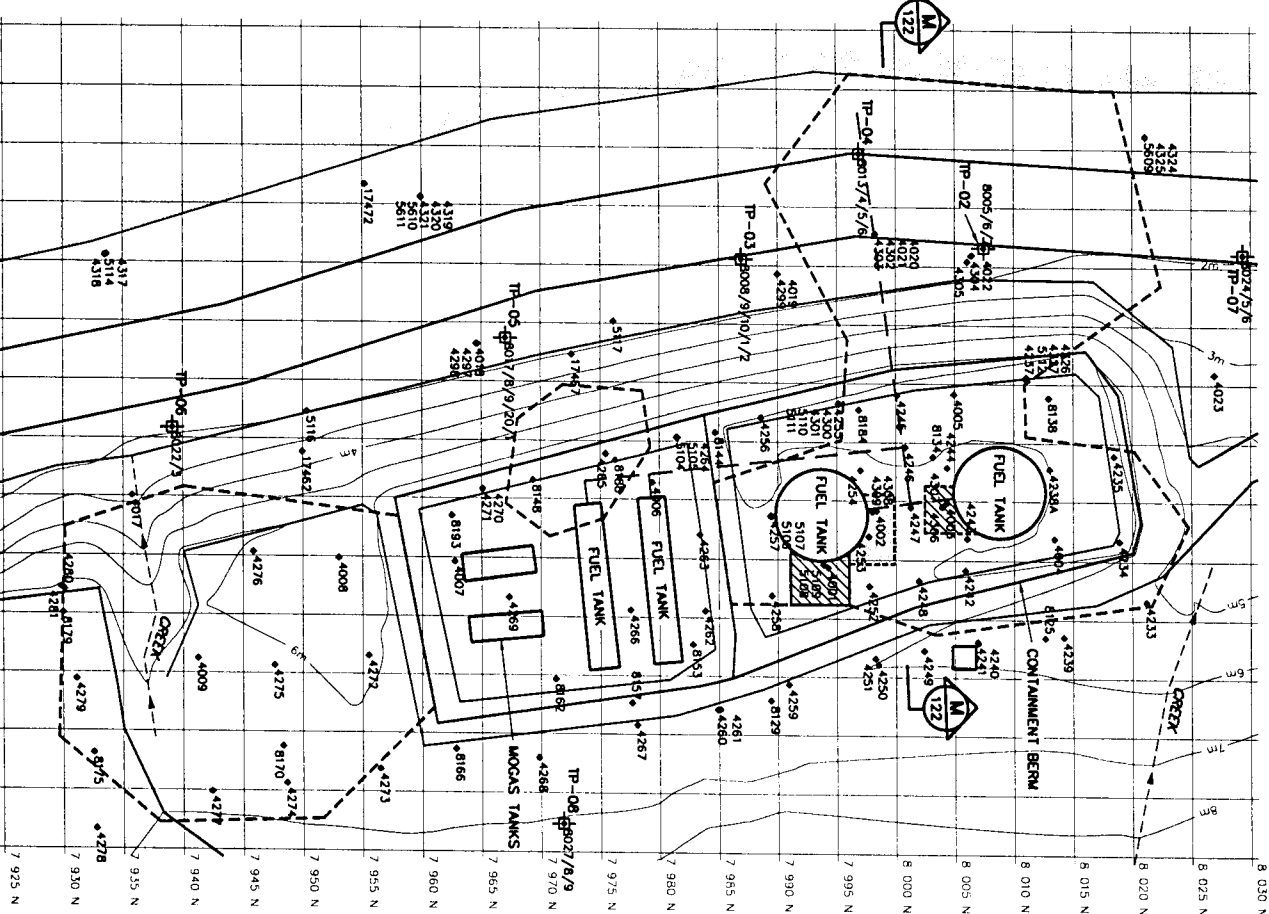
AIRSTRIIP-LF2 (DWG. 107)



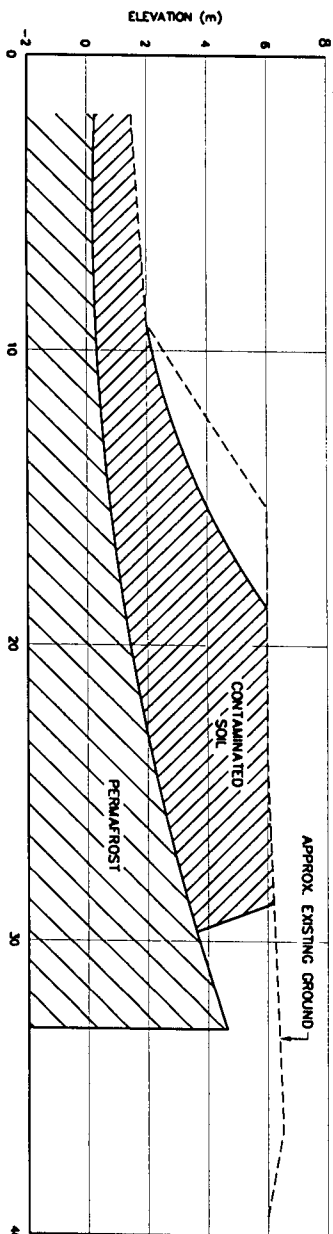
AIRSTRIIP-LF3 (DWG. 107)



AIRSTRIIP-LF4 (DWG. 107)



BEACH POL (SURFACE) (DWG. 106)



SECTION

M 122



National Defence
Défense nationale

Headquarters
Quartier général

General Notes:

- ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- INFORMATION REGARDING DELINEATION AND AREAS HAS BEEN PROVIDED BY ROYAL MILITARY COLLEGE (ESQ), 1999, 2000 AND 2002.
- EXCAVATION REQUIREMENTS FOR CONTAMINATED SOIL AREAS TO BE FIELD VERIFIED BY CONSTRUCTION TESTING AT THE PERIMETER AND AT DEPTH BY ESC ON BEHALF OF THE ENGINEER.
- ALL SHORT RANGE RADAR (SRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED.

Legend:

- DCC TIER I CONTAMINATED SOILS
- DCC TIER II CONTAMINATED SOILS
- HYDROCARBON - TYPE A
- CONTAMINATED SOILS
- HYDROCARBON - TYPE B
- CONTAMINATED SOILS
- HYDROCARBON - TYPE A / DCC TIER I CONTAMINATED SOIL
- HYDROCARBON - TYPE B / DCC TIER I CONTAMINATED SOIL
- HYDROCARBON - TYPE A / DCC TIER II CONTAMINATED SOIL
- HAZARDOUS CONTAMINATED SOILS
- SOIL SAMPLE TAG LOCATION

REV	DATE	REVISION	BY
1	02-01-98	ADDENDUM No. 1	

UNIT

AS SHOWN

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

NAME - VECTOR	DATE
SINING	2001-03-18

CONTAMINATED AREAS
SECTION AND DETAILS
SH. 3

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED BY/DATE	DES. OFF.
ETUPE	AGENT CONCEPT
DRAWN BY/DATE	SECT. NO.
DESIGNED BY/DATE	OVER SECT.
CHECKED BY/DATE	DES. WORK
VERIFIED BY/DATE	DES. CONCEPT
COORDINATION BY/DATE	REVIEWED - REVU

DWG. NO. - DESIGN NO.
H-0233/1-9101-122

Canada

General Notes:

1. ALL ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. INFORMATION REGARDING DELINEATION AND ANALYTICAL TESTING OF CONTAMINATED SOIL AREAS HAS BEEN PROVIDED BY ENVIRONMENTAL SCIENCES GROUP - ROYAL MILITARY COLLEGE (ESG), 1999, 2000 AND 2002.
4. EXCAVATION REQUIREMENTS FOR CONTAMINATED SOIL AREAS TO BE FIELD VERIFIED BY CONTEMPORARY TESTING AT THE FIELD SITE AND AT DEPTH BY ESG ON BEHALF OF THE ENGINEER.
5. ALL SHORT RANGE RADAR (SRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED.

Legend:

- ☐ DCC TIER II CONTAMINATED SOILS
- ☐ HYDROCARBON - TYPE A
- ☐ CONTAMINATED SOILS
- ☐ HYDROCARBON - TYPE B
- ☐ CONTAMINATED SOILS
- ☐ HYDROCARBON - TYPE B / DCC TIER I CONTAMINATED SOIL
- SOL SAMPLE TAG LOCATION

1	DE-03-20	APPENDIX NO. 1	2248
NO.	DATE	REVISION	APPENDIX

UNMA
SITE

SCALE - COPIABLE
AS SHOWN

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

THICK - WEST
SITING

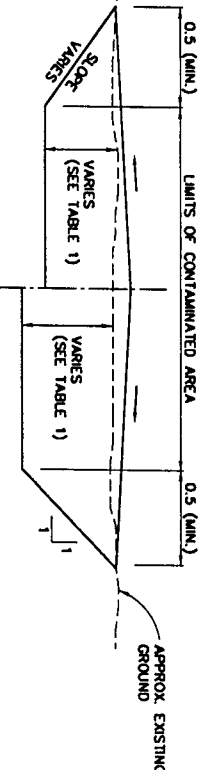
SUBJECT - SUBJECT
CONTAMINATED AREAS
SECTION AND DETAILS
SH. 4

PRODUCTION
CONCURRENCE - ASSIGNMENT

DESIGNED BY/TEAM	DES. OFF.	DES. OFF.
ETUDED	AGENT	AGENT
DRAWN	SECT. HO.	SECT. HO.
DESIGNED	OVER SECT.	OVER SECT.
CHECKED	DES. MGR.	DES. MGR.
VERIFIED	TEST CONCEPT	TEST CONCEPT
COORDINATION	REVIEWED - REVU	REVIEWED - REVU
DATE	DATE	DATE

DWG. NO. - DESIGN NO.
H-8233/-9101-123

Canada



- NOTE:
1. MATERIAL TO BE REMOVED, DCC TIER I AND HYDROCARBON - TYPE A SOILS TO BE DISPOSED OF IN AN ON-SITE LANDFILL. DCC TIER II SOILS TO BE PLACED IN THE ON-SITE DCC TIER II SOIL DISPOSAL FACILITY. HYDROCARBON - TYPE B SOILS TO BE PLACED IN THE ON-SITE LANDFILL.
 2. TYPE 3 GRANULAR FILL MATERIAL TO BE PLACED IN EXCAVATION, COMPACTED AND MOUND TO 100mm ABOVE GROUND SURFACE TO PROMOTE DRAINAGE, UNLESS NOTED OTHERWISE.

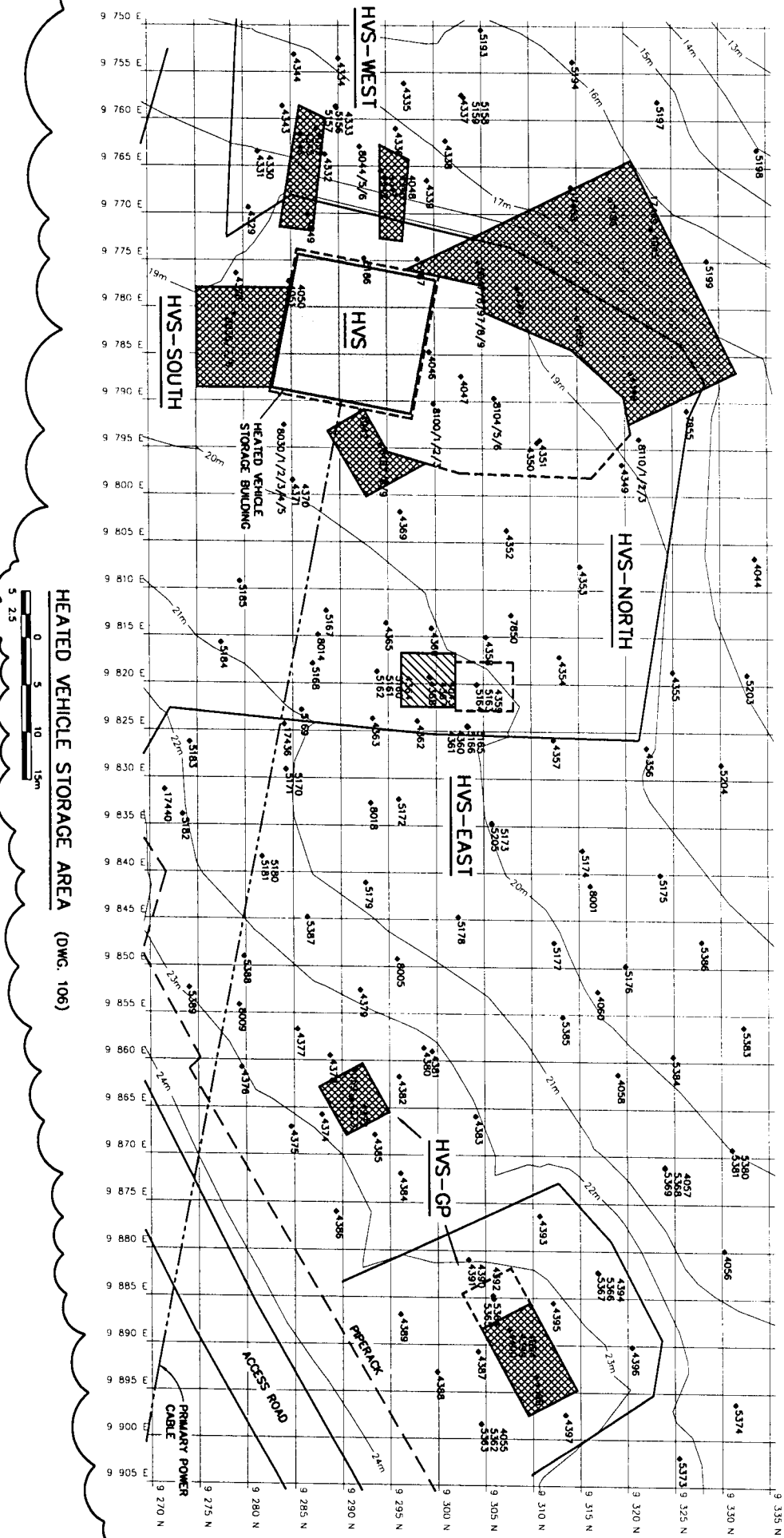
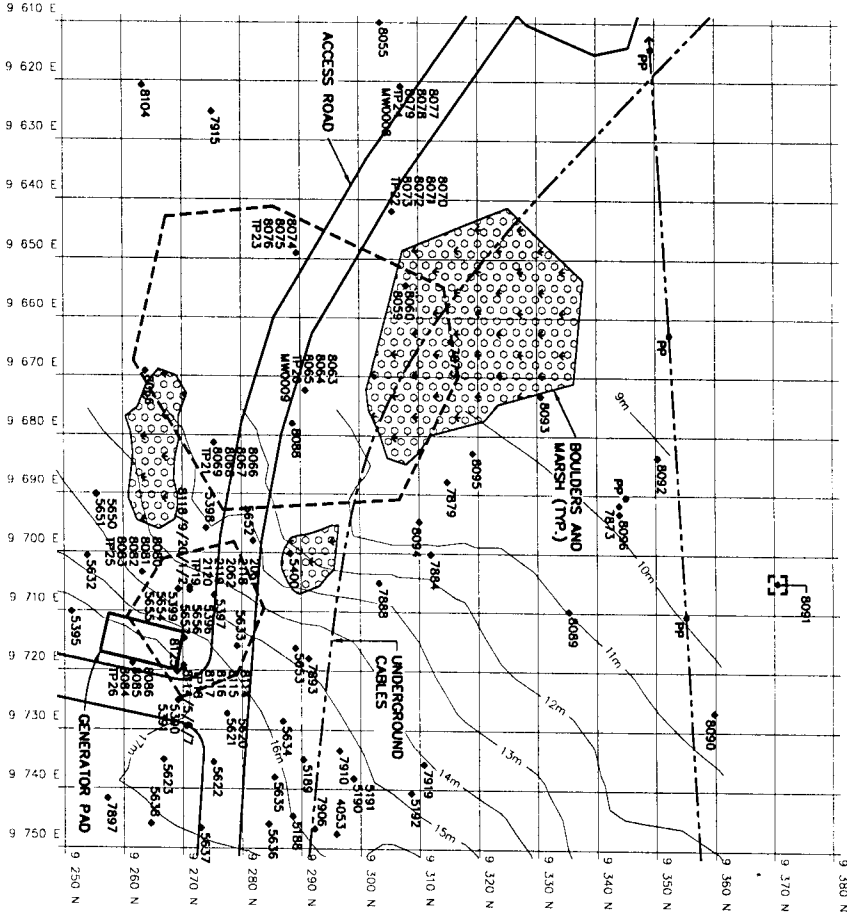
TYPICAL SECTION

N.T.S.

NOTE:
COORDINATE POINTS FOR CONTAMINATED SOIL AREAS WILL BE PROVIDED DURING CONSTRUCTION.

TABLE 1: CONTAMINATED SOIL	
AREA NO.	DEPTH OF EXCAVATION (m)
DCC TIER II	
HVS-EAST	0.3
HYDROCARBON - TYPE A	
HVS-SOUTH	0.3
HVS-WEST	0.6
HVS-NORTH-SURFACE	0.5
HVS-NORTH-DEPTH	VARIES (1.2m MAX.)
HVS-CP	0.5
HYDROCARBON - TYPE B	
HVS-EAST	0.6
HVS-CP	0.5
HVS-CP-SURFACE	0.5
HVS-CP-DEPTH	VARIES (1.4m MAX.)
HVS-NORTH-SURFACE	0.5
HVS-NORTH-DEPTH	VARIES (1.2m MAX.)
HYDROCARBON - TYPE B / DCC TIER I	
HVS	0.5

HVS-CP (DWG. 106)
0 10 20 30m
10 5



General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. APPROXIMATE LOCATIONS FOR INSTRUMENTATION ARE SHOWN ON THE DRAWINGS. ALL LOCATIONS TO BE FIELD CONFIRMED BY THE ENGINEER.
3. PROVIDE THERMISTOR BEADS AT 0.5m MAXIMUM INTERVALS, INCLUDING ONE AT THE BOTTOM OF THE INSTALLATION AND ONE WITHIN A 0.5m DEPTH FROM FINAL DESIGN SURFACE IN EACH INSTALLATION.

Legend:

1	10-01-78	ADDENDUM No. 1	224
No.	DATE	REVISION	REVISION
			APPR.

UNM	SEMI
SCALE - EXHIBIT	AS SHOWN
PROJECT - PROJECT	
FOX-5	BROUGHTON ISLAND

DEW LINE CLEAN UP
© COPYRIGHT
CANADIAN MILITARY ENGINEERS BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - LETTER	SINIC	DATE	2001-05-18
SUBJECT - SUBJECT			

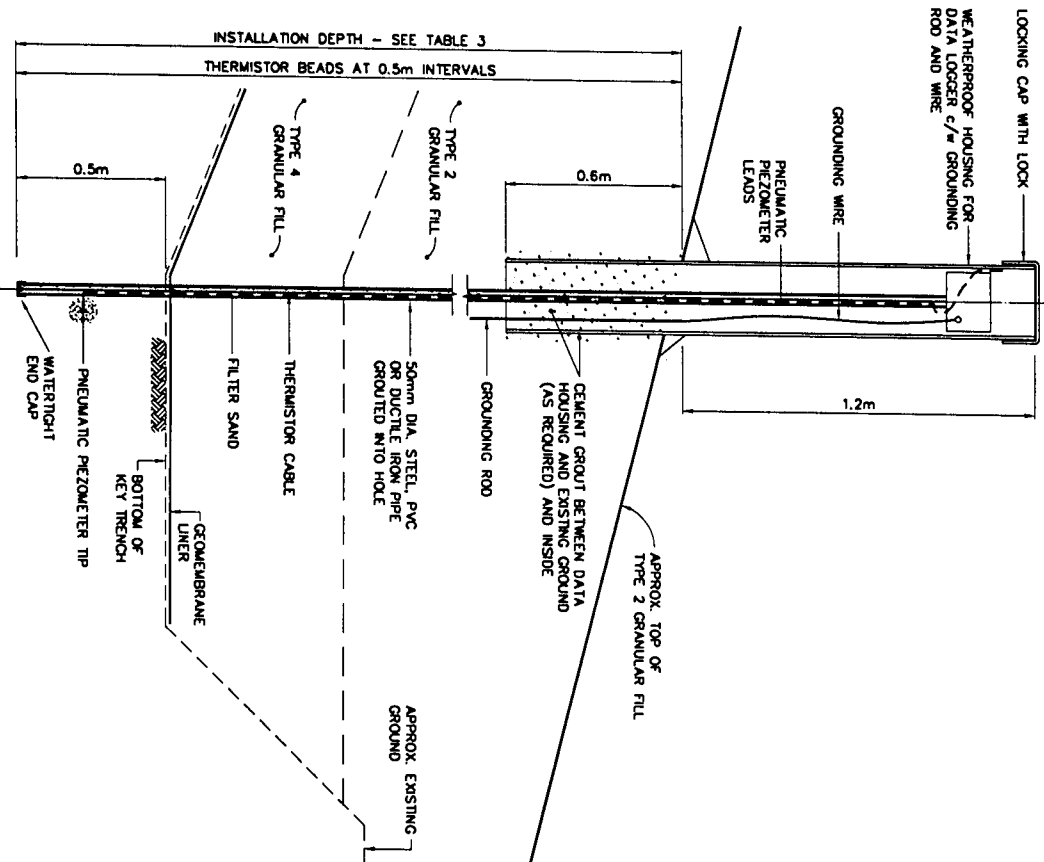
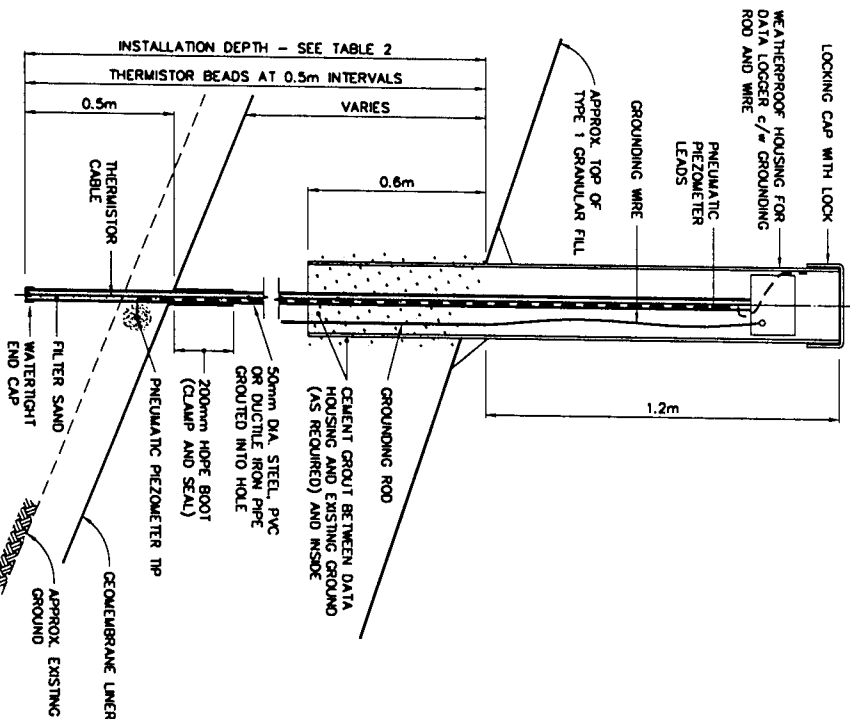
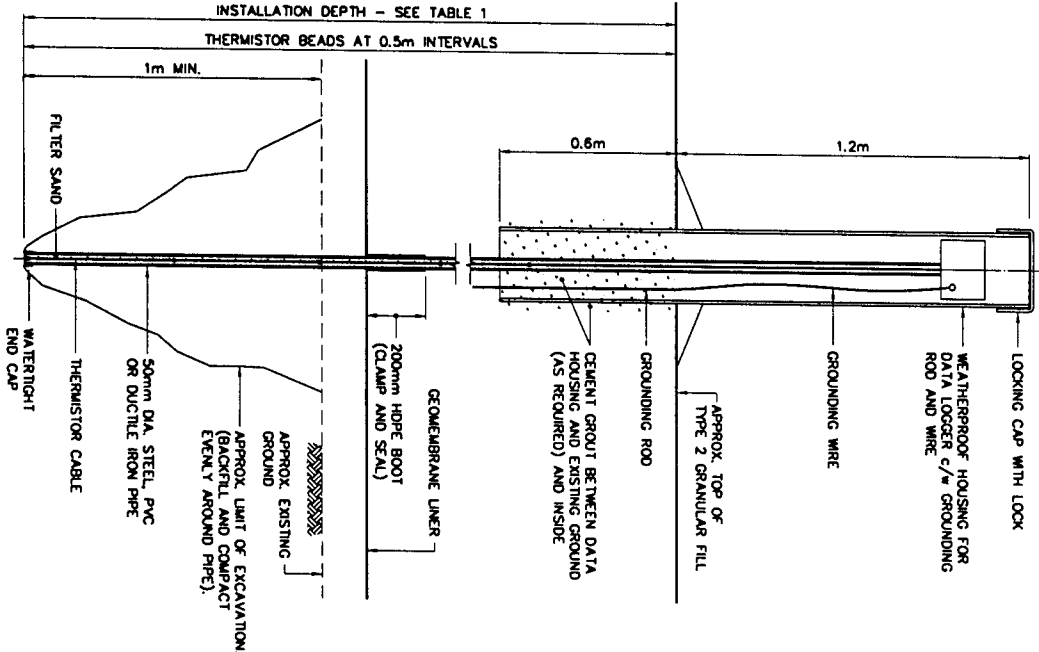
MISCELLANEOUS DETAILS SH. 1

PRODUCTION	CONFORMANCE - ASSIGNED
DESIGNED BY/TEAM	DES. OFT
ETDUC	MOBIL. CONCEPT
DRAWN BY	SECT NO
DESIGNED BY	DES. OFT
CHECKED BY	DES. OFT
REVIEWED BY	DES. OFT
COORDINATION	REVIEWED - REVU
DATE	
DMC NO. - DESIGN NO.	
H-8233/1-9101-124	

TABLE 1 VERTICAL THERMISTOR INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
MAIN LANDFILL		
VT-5	5.0	
VT-6	4.8	
VT-7	4.5	

TABLE 2 VERTICAL THERMISTOR AND PIEZOMETER INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
MAIN LANDFILL		
VT-2/P2	5.0	INSTALL PIEZOMETER TIP BELOW LINER
VT-4/P4	6.0	INSTALL PIEZOMETER TIP BELOW LINER

TABLE 3 VERTICAL THERMISTOR AND PIEZOMETER INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
MAIN LANDFILL		
VT-1/P1	5.6	INSTALL PIEZOMETER TIP BELOW LINER
VT-3/P3	6.6	
VT-8	4.3	PIEZOMETER NOT REQUIRED



TYPICAL THERMISTOR INSTALLATION - PLATEAU

N.T.S.

TYPICAL THERMISTOR INSTALLATION - SLOPES (WITH PNEUMATIC PIEZOMETER)

N.T.S.

TYPICAL THERMISTOR INSTALLATION - KEY TRENCH (WITH PNEUMATIC PIEZOMETER)

N.T.S.

General Notes:

Legend:
 BODY OF WATER

No.	DATE	REVISION	REVISION	APPROV.

UNMO	STEE
SCALE - EG-ELLE 100 50 0 100 200 300m	
PROJECT - PROJET	
FOX-5 BROUGHTON ISLAND	

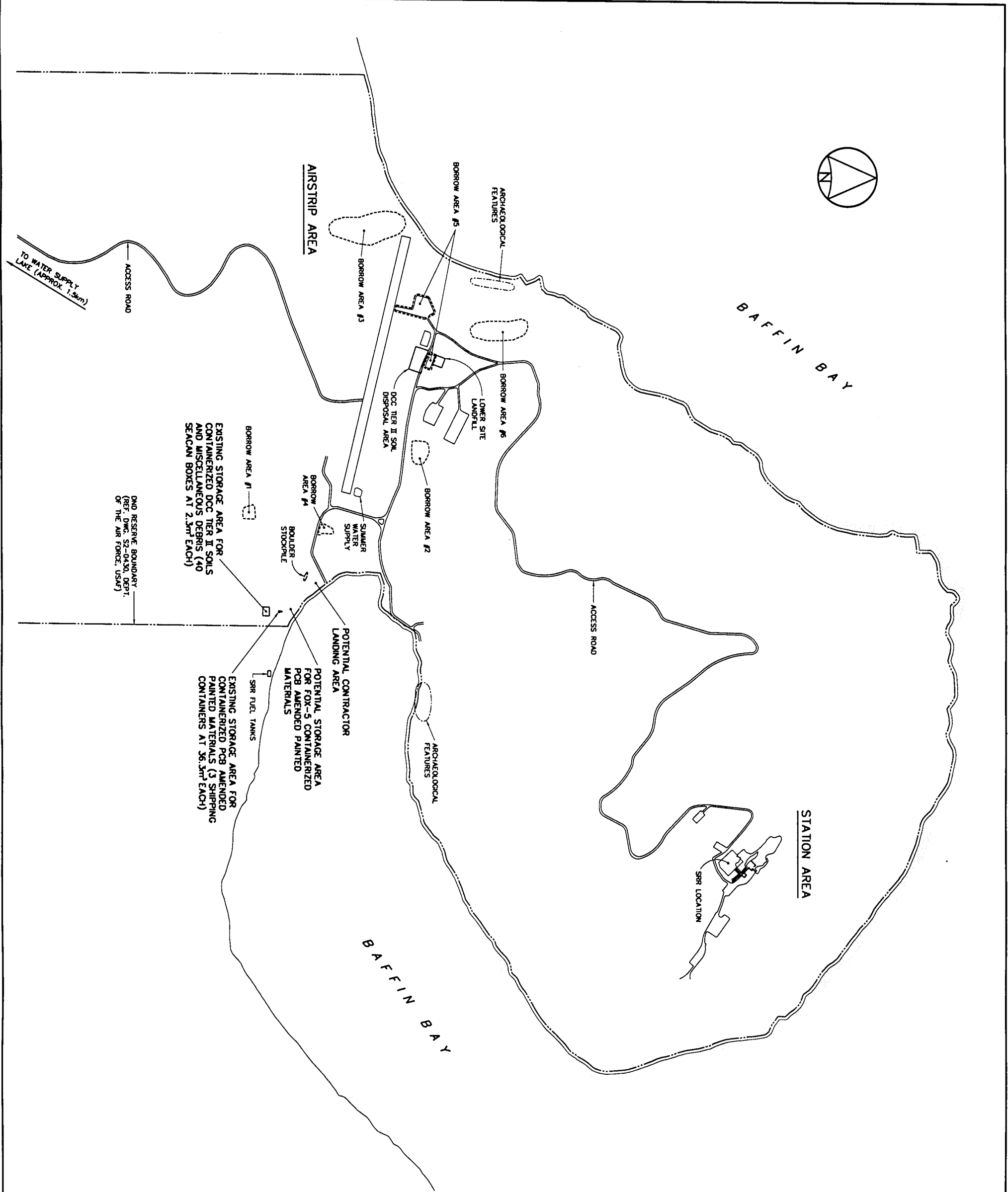
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - METIER	SITING	DATE
		2001-05-18

FOX-4 CAPE HOOPER
CONTAINER STORAGE AREA

PRODUCTION	COMPLETION - ASSEMBLY
DRAWN BY//TRAW	DES. OFF.
ETUQUE	AGENT CONCEPT
DRAWN	SCOT NO.
DESIGN	OVER SECT
CHECKED	DES. MOD.
WORK	DES. CONCEPT
COORDINATION	REVIEWED - REV.
JMS	

DWG. NO. - DESIGN NO.
H-8235/1-9101-126



General Notes:

Legend:
 BODY OF WATER

No.	DATE	REVISION	REVISION
			APPRO.

UMA

SCALE

SCALE - TORQUE

100 50 0 100 200 300m

PROJECT - PROJECT

FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP
© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - WATER	SITING	DATE
		2001-05-18

DYE-M CAPE DYER
CONTAINER STORAGE AREA

PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	BN/LLM	DES. OFT.	
ETUDE		AGMT CONCEPT	
DRAWN	OK	SETT. LG.	
DESIGN		OVER SECT.	
CHECKED	TR	DES. MGR.	
VERIF.		DES. CONCEPT	
COORDINATION		REVIEWED - REVU	
DATE			

General Notes:

1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
2. ALL CONCRETE PADS OR SLABS TO BE REGRADED AS PER TYPICAL CONCRETE PAD REGRADING DETAIL.
3. ALL POLES TO BE REMOVED AND STOCKPILED FOR PICK-UP BY OTHERS.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. ALL PIPELINES AND AUXILIARY EQUIPMENT TO BE REMOVED INCLUDING ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
6. ALL SHORT RANGE RADAR (SRP) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED. THESE INCLUDE ALL BUILDINGS, STRUCTURES, ELECTRICAL POWER CABLES, FUEL STORAGE TANKS AND PIPELINES NOT SCHEDULED FOR DEMOLITION.
7. LOCATION OF POL LINES AND POWER/COMMUNICATION CABLES ARE APPROXIMATE ONLY. SOME ABOVE GROUND POL LINES AND CABLES TO BE REMOVED MAY NOT BE SHOWN.

Legend:

- TO BE DEMOLISHED
- BODY OF WATER
- UTILITY POLE
- POL LINE
- POWER/COMMUNICATION CABLE
- SEWAGE OUTFALL LINE

1	REVISED	ADDENDUM NO. 1	DATE
2	REVISED	ADDENDUM NO. 2	DATE
3	REVISED	ADDENDUM NO. 3	DATE
4	REVISED	ADDENDUM NO. 4	DATE
5	REVISED	ADDENDUM NO. 5	DATE
6	REVISED	ADDENDUM NO. 6	DATE
7	REVISED	ADDENDUM NO. 7	DATE
8	REVISED	ADDENDUM NO. 8	DATE
9	REVISED	ADDENDUM NO. 9	DATE
10	REVISED	ADDENDUM NO. 10	DATE

SCALE - COUSIN	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m
PROJECT - PROJECT	20	10	0	20	40	60m

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO DEMOLITION TABLES IN BUILDING CONTENTS.
 3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
 4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

1	02-03-20	ADDENDUM No. 1	END
No.	DATE	REVISION	REVISION
			APPR.

UNQA		SIZE	
SCALE - FOR FILE 1 0.5 0 1 2 3m			

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

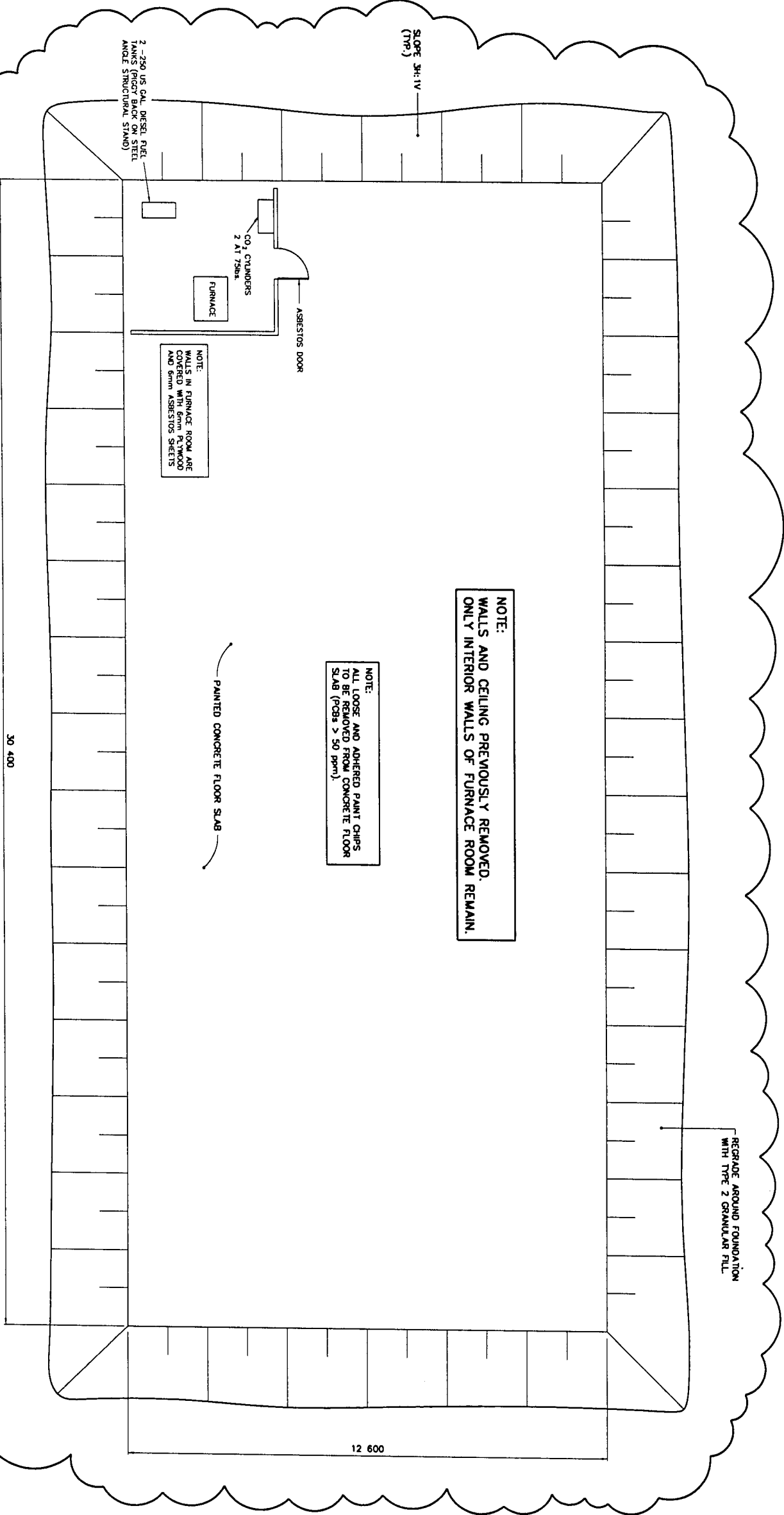
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRUCK - METERS	STRUCTURAL	DATE	2001-05-18
----------------	------------	------	------------

WAREHOUSE
PLAN AND SECTION

PRODUCTION	CONFERENCE - ASSIGNMENT
DESIGNED <i>AMM/BNY</i>	DES. OFT
ET/LOC	AGENT CONCEPT
DRAWN <i>AMM/DAK</i>	SECT. NO.
DESIGNED <i>AMM/DAK</i>	CHIEF SECT.
CHECKED <i>AMM</i>	DES. MGR.
VERIFIED	DESIGN CONCEPT
COORDINATION	REVIEWED - REVU
DATE	
DATE NO. - DESIGN NO.	
11-0235/1-9101-203	



NOTE:
CONCRETE SLAB AND FOUNDATIONS TO REMAIN IN PLACE. REGRADE AROUND FOUNDATION AS SHOWN

SECTION

REGRADE AROUND FOUNDATION WITH TYPE 2 GRANULAR FILL.

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
 3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
 4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

1	02-03-28	ADDENDUM No. 1	2204
NO.	DATE	REVISION	APPRO.

SCALE - ÉCHELLE	1 0.5 0 1 2 3m
PROJECT - PROJET	FOX-5 BROUGHTON ISLAND

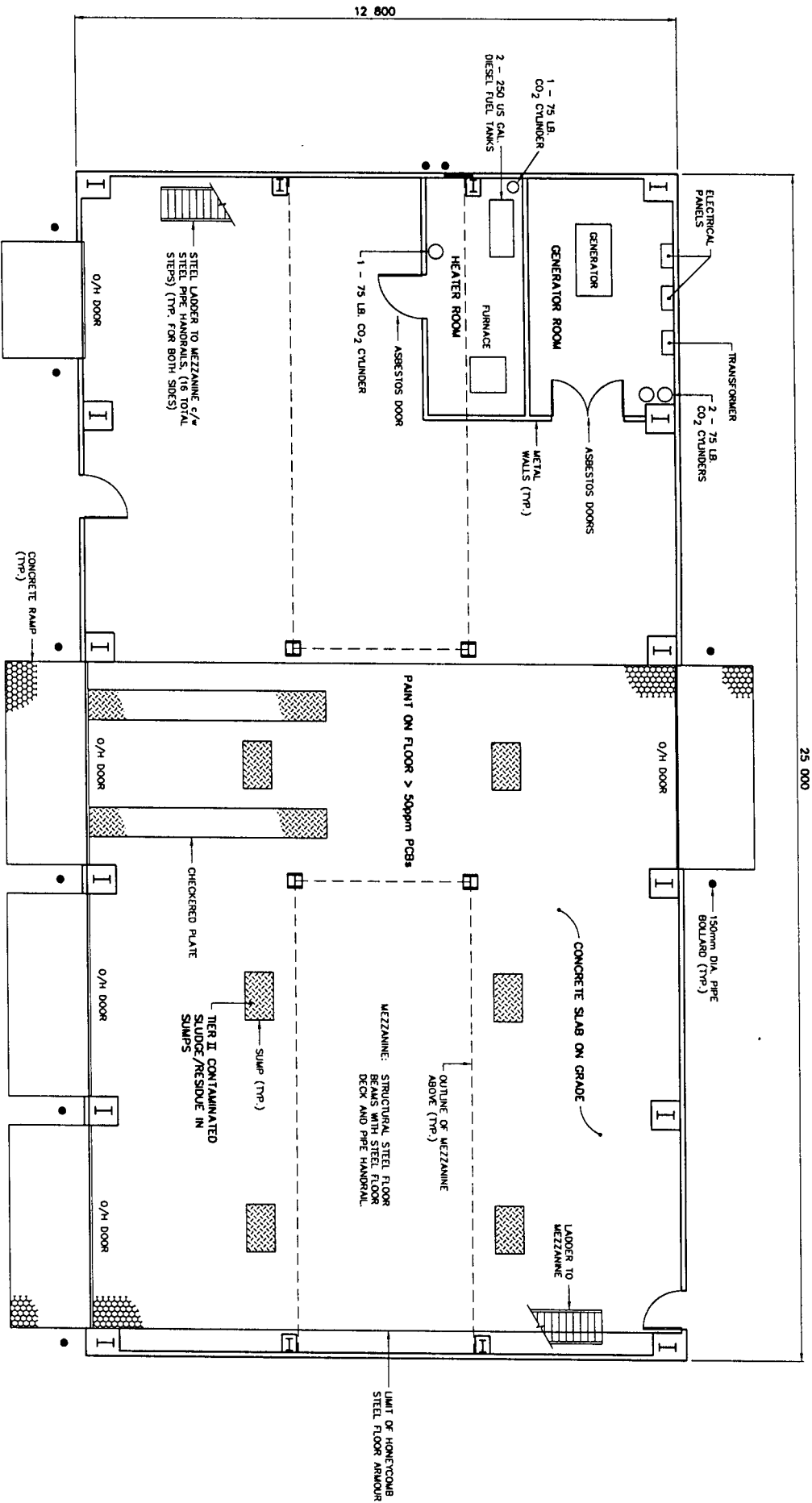
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TITLE - TITRE	STRUCTURAL	DATE	2001-05-18
---------------	------------	------	------------

GARAGE
PLAN AND SECTION

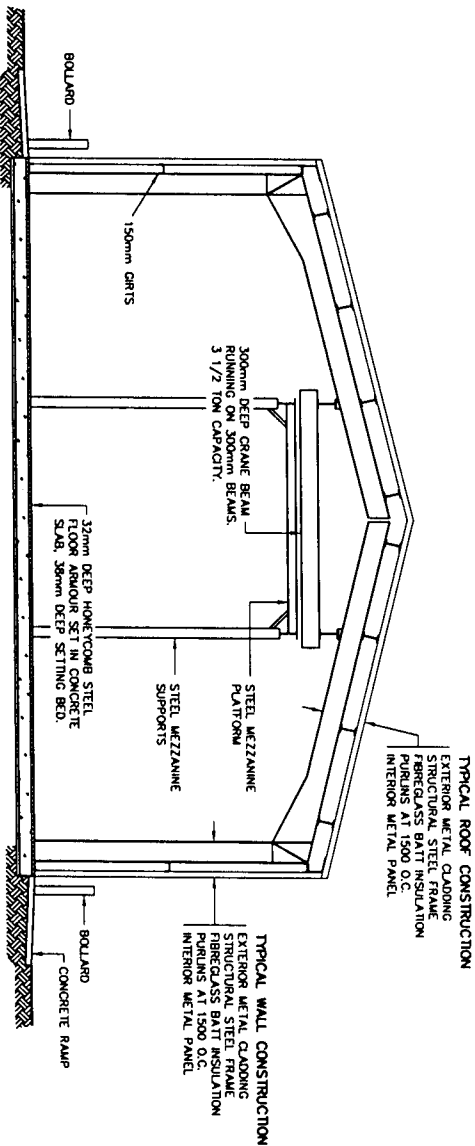
PRODUCTION	COORDINANCE - ASSURANCE
DRAWN DESIGNED CHECKED VERIFIED COORDINATION	DWG. NO. - DRESS NO. H-8233/1-9101-204



PLAN

BCE NUMBER	COMMENTS
2	AS SHOWN, ASBESTOS IN FURNACE ROOM.

NOTE:
REMOVE PCB CONTAMINATED CONCRETE AND
CONCRETE PAINTED WITH PCB CONTAINING
PAINT PRIOR TO GENERAL DEMOLITION OF
THE GARAGE.



SECTION

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
 3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
 4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

NO.	DATE	REVISION	REVISION	APPR.

UNMO SITE

SCALE - EXHIBIT 1 0.5 0 1 2 M

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

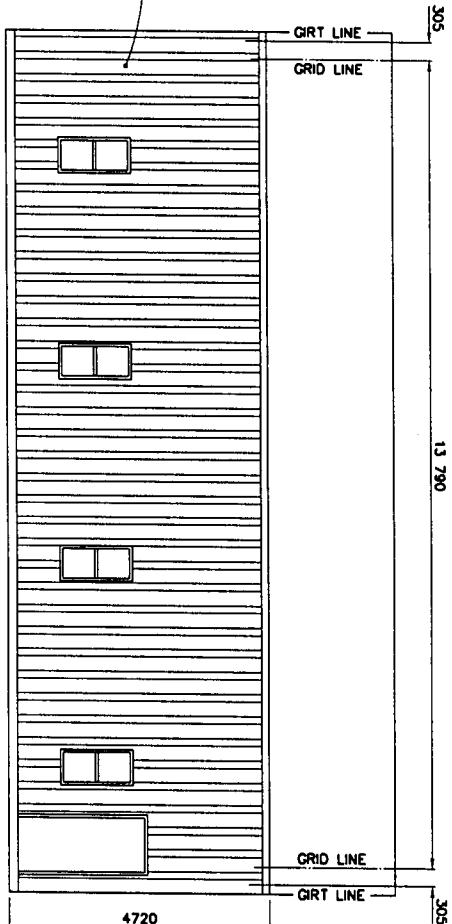
DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001 AS ASSIGNED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - MECHANICAL	DATE
STRUCTURAL	2001-05-18
SUBJECT - SLAB	

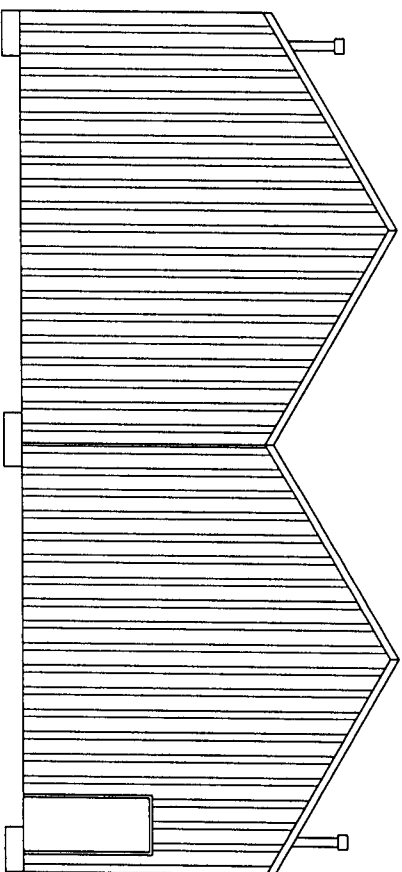
HEATED VEHICLE STORAGE
PLAN AND ELEVATIONS

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED <i>AMU/IMU</i>	DES. CRT
ELUCID <i>AMU/IMU</i>	ADAPT. CONCEPT
DRAWN <i>AMU/CMU</i>	SECT. NO.
DESIGNED <i>AMU/CMU</i>	CHK. SECT.
CHECKED <i>IMU</i>	DES. MOD.
REVIEWED <i>IMU</i>	EST. CONCEPT
COORDINATION <i>IMU</i>	REVIEWED - REVU
DATE	
DWG. NO. - DESIGN NO.	
H-8233/1-9101-205	

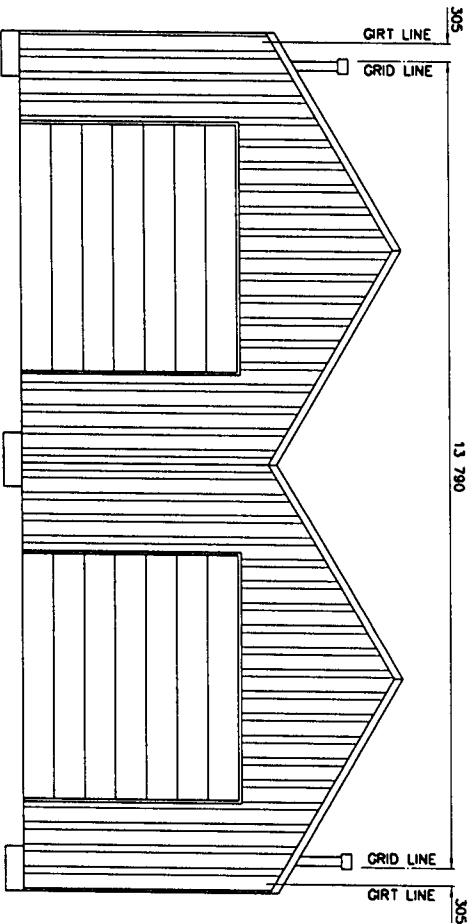


SIDE ELEVATION

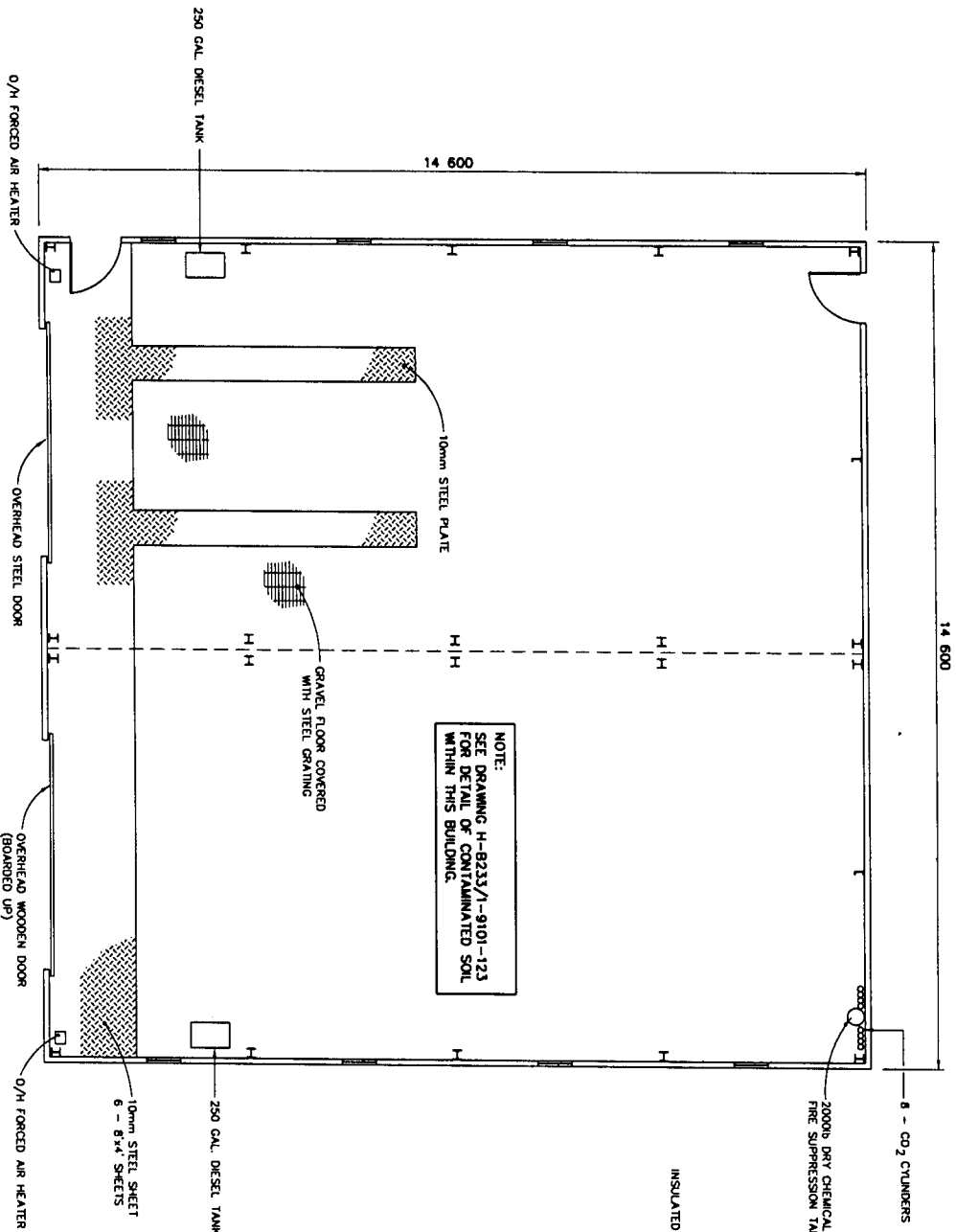
(OPPOSITE SIDE SIMILAR, NO MAIN DOOR)



END ELEVATION



END ELEVATION



FLOOR PLAN

BOC NUMBER	COMMENTS
3022	BUILDING ON CONCRETE FOOTINGS. BUILDING USED BY COMMUNITY. CONTENTS MAY VARY. ROOF: STEEL TRUSS SUPPORTING INSULATED METAL PANELS.

ADVISED OTHERWISE.

Uma

FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - MEISTER
STRUCTURAL

MODULE TRAIN UNITS 1A-25 PLAN

PRODUCTION	CONCEPTS - ASSUMPTION
DESIGNED ETUORE	DES OPT
DRAWN DSS/DK	AGENT CONCEPT
DSS/DK	SECT NO
O-DECKED	O-DE SECT
MERIE	DES MOR
COORDINATION	GST CONCEPT
JAG	REVIEWED - REVW

OWG. NO. - DESSAN NO.
H-B233/1-9101-206

Canada

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO DEMOLITION TABLES IN BUILDING CONTENTS.
 3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
 4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

NO.	DATE	REVISION	REVISION	APPROV.

UNO
SHEE

SCALE - DIMENSION 2 1 0 2 4
5m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA
MINISTER OF NATIONAL DEFENCE

TRADE - METERS
STRUCTURAL
DATE
2001-05-18

SUBJECT - SHEET
MODULE TRAIN UNITS 1A-25
ELEVATIONS

PRODUCTION	CONFORMANCE - ASSIGNMENT
DESIGNED DATE BY/CHK	DES. OPT. ADJUST CONCEPT
DRAWN DATE/CHK	SECT. NO. OVER SECT.
CHECKED DATE	DES. MARK BEST CONCEPT
COORDINATION DATE	REVIEWED - REVIEW
DWG. NO. - DESIGN NO. H-8233/1-9101-207	

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

No.	DATE	REVISION	REVISION
			APPROV.

UINA **STEEL**

SCALE - TORQUE 2 1 0 2 4 6m

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - WELDER STRUCTURAL DATE 2001-05-16

SUBJECT - SHEET

ATWELL DORMITORY
PLAN, SECTION AND ELEVATION

PRODUCTION	CONCURRENCE - ASSIGNMENT
DESIGNED <i>MMW/BW</i>	DES. OFF.
ETUDED <i>MMW/BW</i>	AGENCY CONCEPT
DRAWN <i>MMW/BW</i>	SECT. HD.
DESIGNED <i>MMW/BW</i>	OVER SECT.
CHECKED <i>MMW/BW</i>	DES. WORK
VERIFIED <i>MMW/BW</i>	DESIGN CONCEPT
COORDINATION <i>MMW/BW</i>	REVIEWED - REVIEW
PENG. NO. - DESIGN NO. H-8233/1-9101-208	

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS.
 3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
 4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

NO.	DATE	REVISION	REVISION	APPRO.

UMA	SEE
------------	------------

SCALE - EXHIBIT AS SHOWN

PROJECT - PROJECT
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA
MINISTER OF NATIONAL DEFENCE

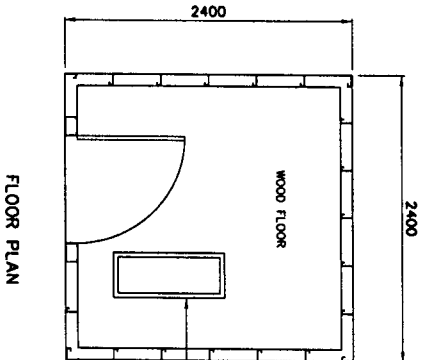
TRADE - METAL	DATE
STRUCTURAL	2001-05-18

SUBJECT - SHEET
POL PUMPHOUSE, STORAGE SHED
AND BEACON/TRANSFORMER FRAME
PLANS, SECTION AND ELEVATIONS

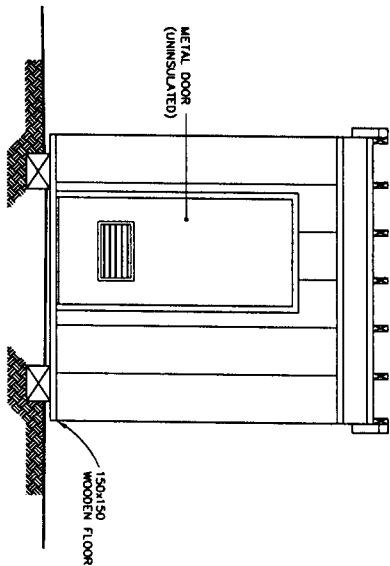
PRODUCTION		CONCURRENCE - ASSIGNMENT	
DESIGNED	AMU/AMU	DES. OFT	
ET/OK		ADJUT. CONCEPT	
DRAWN	AMU/OK	SECT. NO.	
DESIGNED		CHK. SECT.	
CHECKED	ING	DES. MGR.	
APPROVED		DES. CONCEPT	
COORDINATION	ING	REVIEWED - REV.	

DWG. NO. - DESIGN NO.
H-8233/1-9101-209

BCE NUMBER	COMMENTS
33	AS SHOWN.

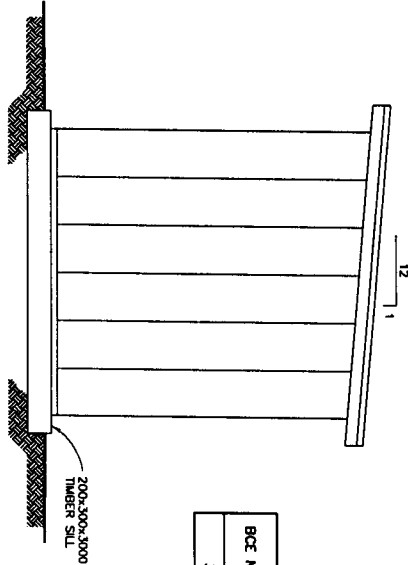


FLOOR PLAN

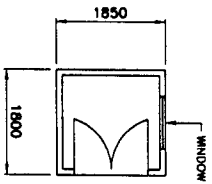


FRONT ELEVATION

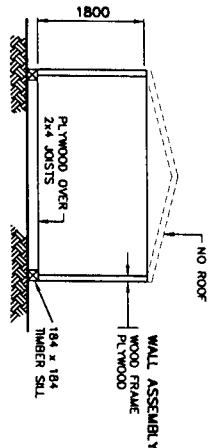
POL PUMPHOUSE



SIDE ELEVATION

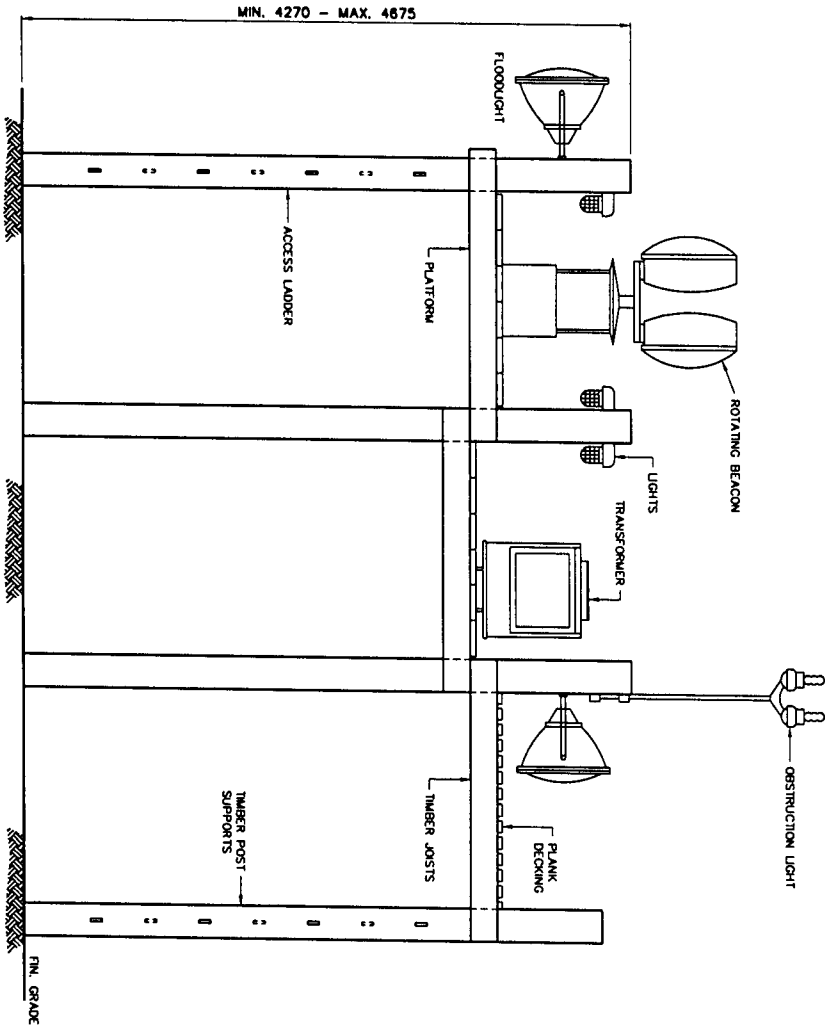


FLOOR PLAN



SECTION

STORAGE SHED



ELEVATION

ROTATING BEACON/TRANSFORMER SUPPORT FRAME

N.T.S.

General Notes:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- REFER TO DEMOLITION TABLES IN SPECIFICATIONS.
- FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
- ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

Legend:

No.	DATE	REVISION	REVISION
			APPRO.

UNIT	SIZE
SCALE - DOUBLE	2 1 0 2 4 6m

PROJECT - PROJECT	FOX-5 BROUGHTON ISLAND
-------------------	------------------------

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

TRADE - WATER	STRUCTURAL	DATE	2001-05-18
---------------	------------	------	------------

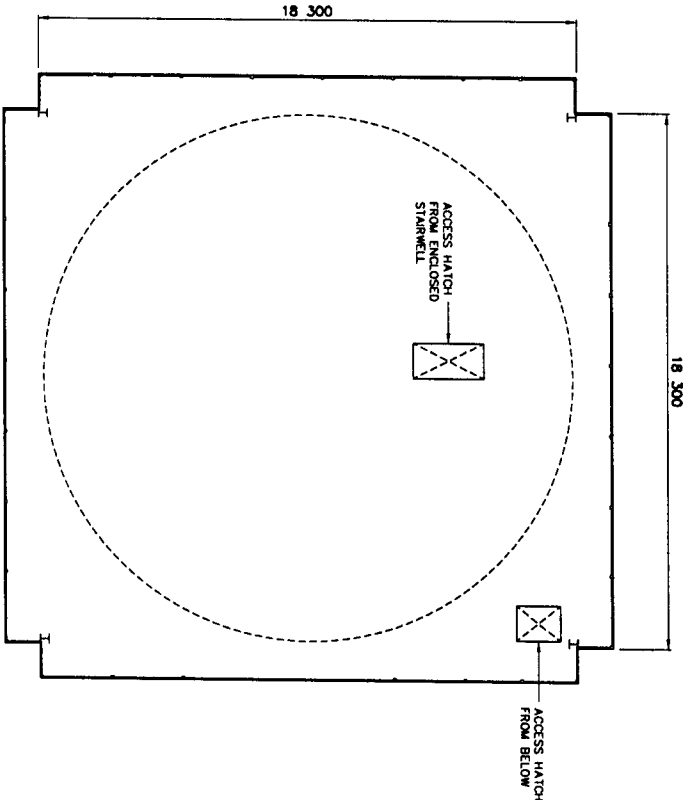
SUBJECT - SKELT

RADAR TOWER / RADOME
PLAN AND SECTION

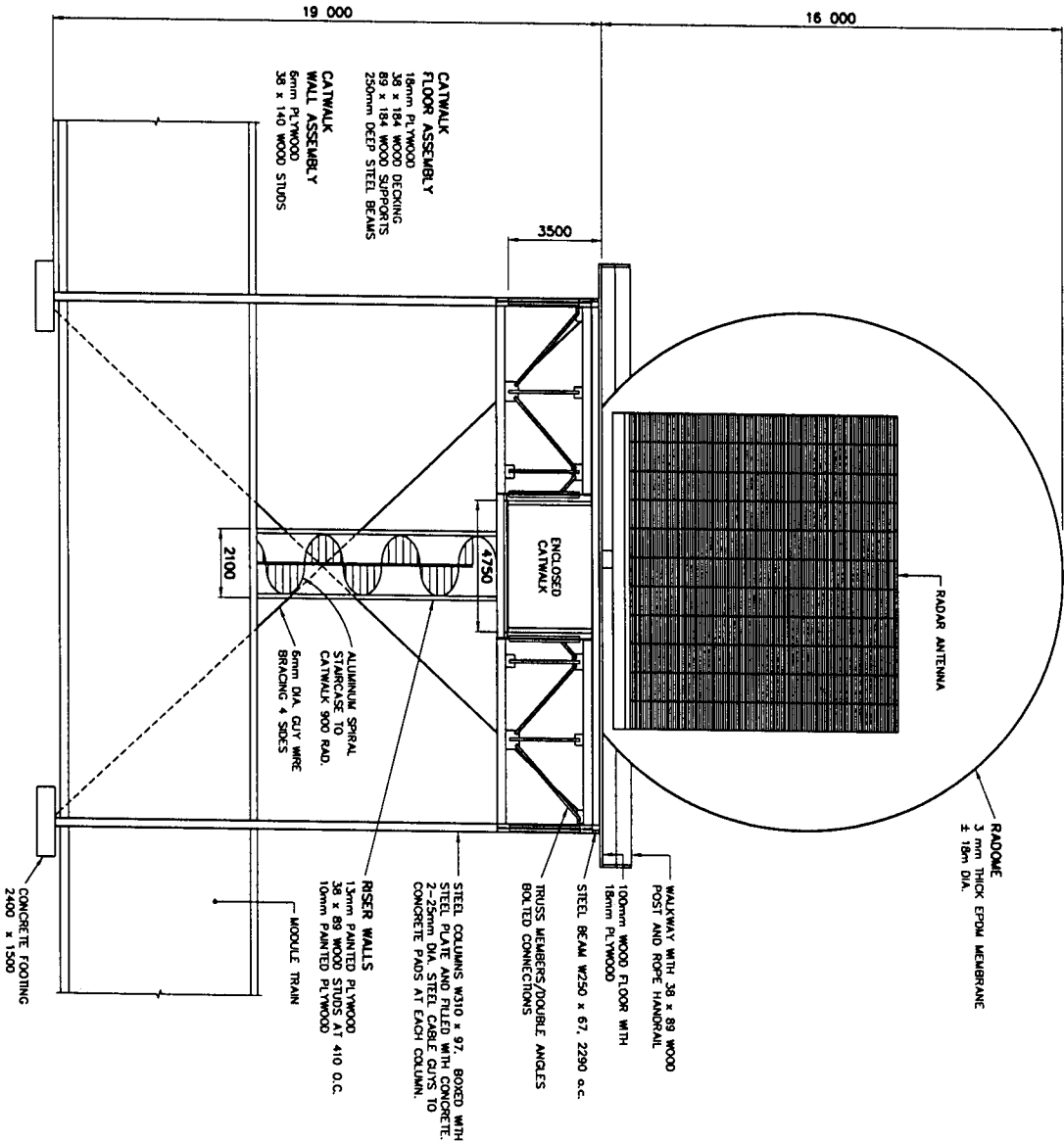
PRODUCTION	CONFORMANCE - ASSEMBLY
DESIGNED <i>AMW/BW</i>	DES. OFF
ETUDE	AGENT CONCEPT
DRAWN <i>AMW/DK</i>	SECT NO
DESIGNED	DEF. SECT
CHECKED <i>MS</i>	DES. MOD
VERIFIED	TEST CONCEPT
COORDINATION	REVIEWED - REVIEW
<i>MS</i>	

DWG. NO. - DESIGN NO.
H-8233/1-8101-210

BCE NUMBER	COMMENTS
-	RADAR TOWER, RADAR ANTENNA AND RADOME ARE ALL AS SHOWN.



PLAN AT PLATFORM LEVEL



SECTION

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS.

3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.

4. ASBESTOS CONTAINING MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

NO.	DATE	REVISION	REVISION	APPENDIX

PROJECT - PHASE I
FOX-5 BROUGHTON ISLAND

DEW LINE CLEAN UP

© COPYRIGHT
HER MAJESTY THE QUEEN IN RIGHT OF
CANADA 2001, AS REPRESENTED BY THE
MINISTER OF NATIONAL DEFENCE.

**FUEL AND WATER TANKS
PLAN AND ELEVATIONS**

DWG. NO. - DESIGN NO.
H-8233/1-9101-213