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DEW LINE CLEAN UP PROJECT

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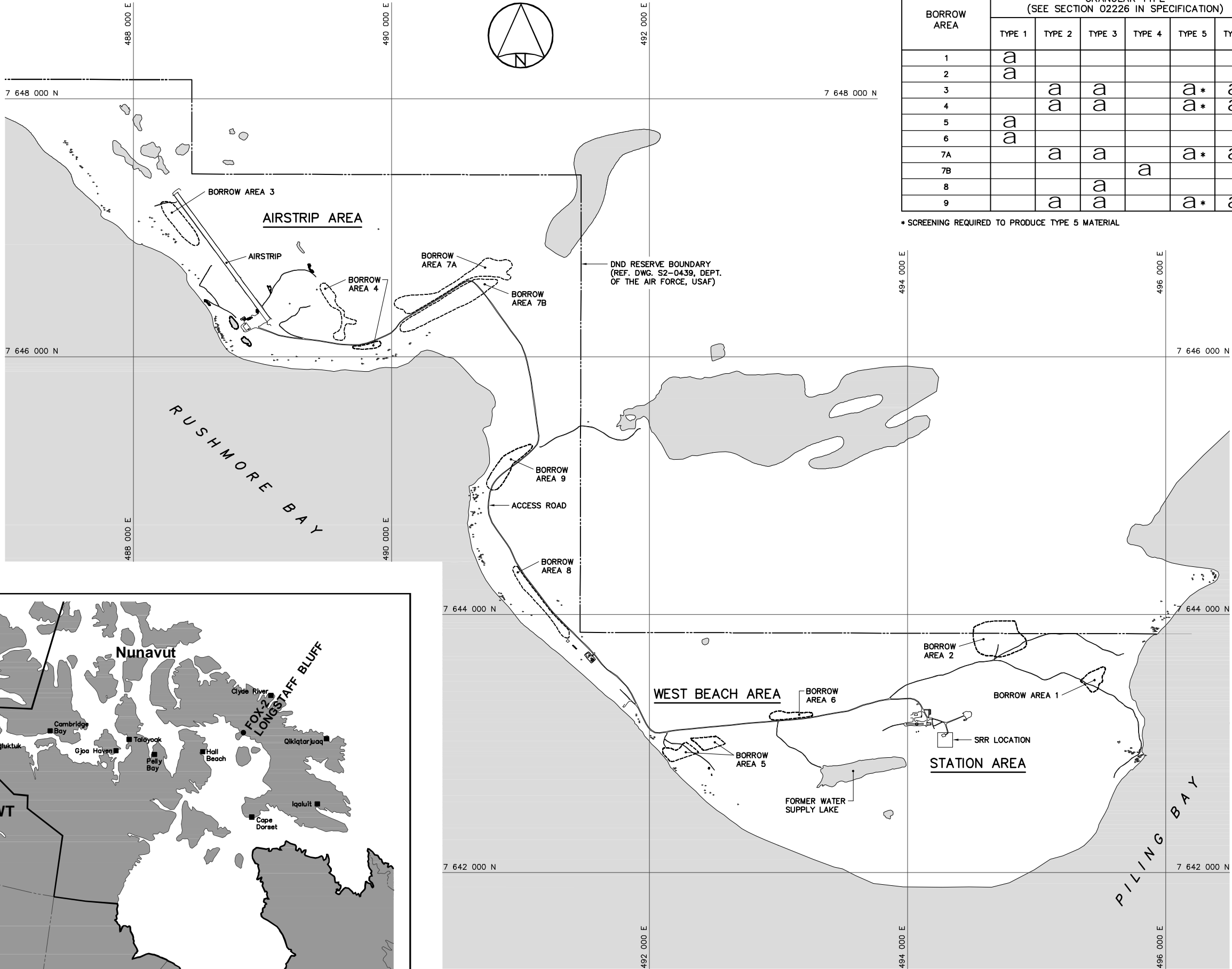
FOX-2 LONGSTAFF BLUFF TENDER DRAWINGS

UMA | AECOM

HATCH™

DRAFT

JUNE, 2007





POTENTIAL SOURCES FOR GRANULAR MATERIALS						
BORROW AREA	GRANULAR TYPE (SEE SECTION 02226 IN SPECIFICATION)					
	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6
1	a					
2	a					
3		a	a		a *	a
4		a	a		a *	a
5	a					
6	a					
7A		a	a		a *	a
7B				a		
8			a			
9		a	a		a *	a


* SCREENING REQUIRED TO PRODUCE TYPE 5 MATERIAL

- General Notes:
- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEIOD MODEL CANADIAN HT2_0.
 - ARCHAEOLOGICAL FEATURES LOCATED AS PER ARCHAEOLOGICAL MITIGATION STUDY AT FOX-2, LONGSTAFF BLUFF, BY THOMSON HERITAGE CONSULTANTS DATED NOVEMBER 2005.

Legend:

BODY OF WATER

APPROXIMATE EXTENT OF BORROW AREAS

APPROXIMATE LOCATION OF PROPERTY BOUNDARIES

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

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SCALE - ECHELLE 250 125 0 250 500 750m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

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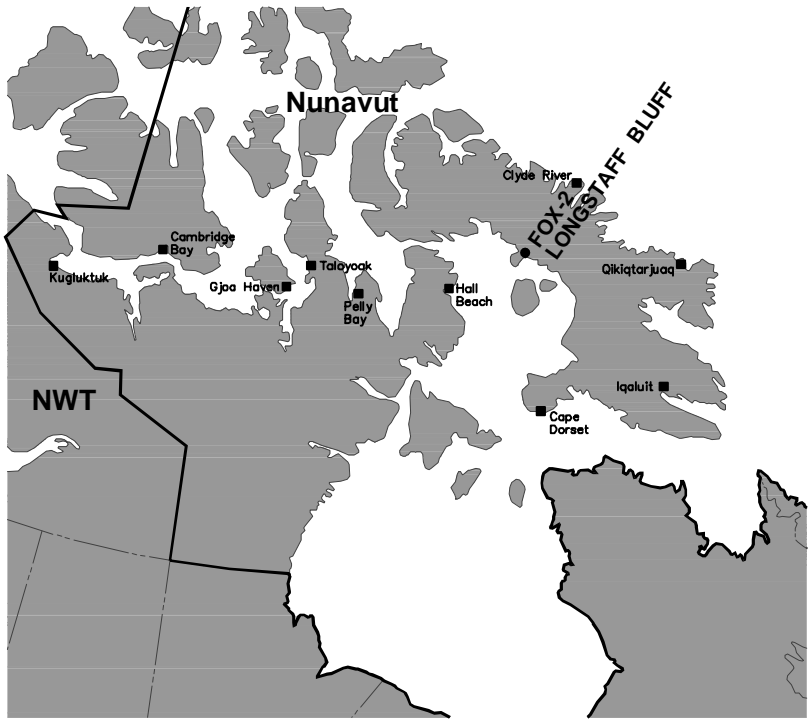
SUBJECT - SUJET

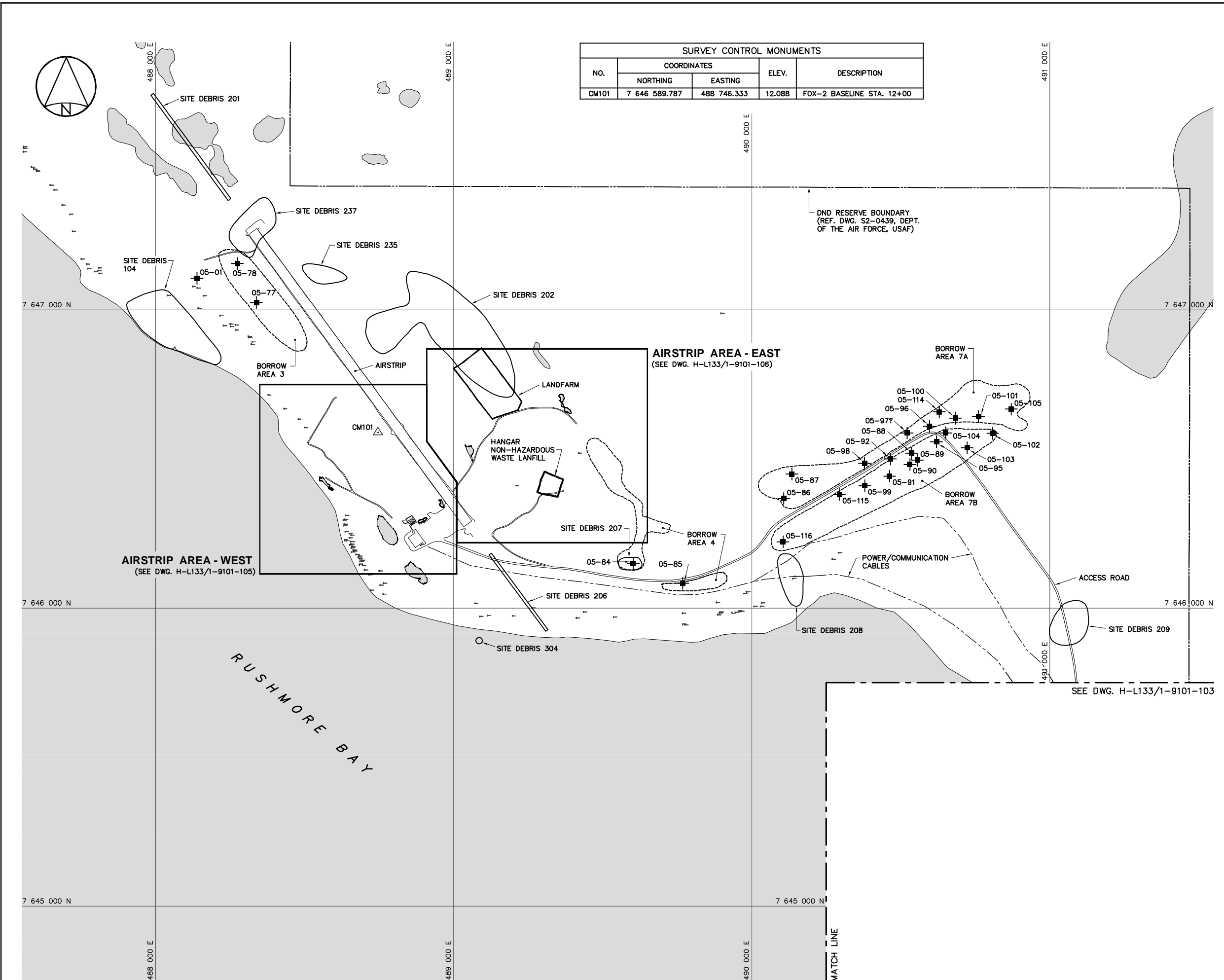
OVERALL SITE PLAN

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


DWG. NO. - DESSIN NO.
H-L133/1-9101-101

LOCATION OF LONGSTAFF BLUFF WITHIN NUNAVUT TERRITORY
N.T.S.






SURVEY CONTROL MONUMENTS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM101	7 646 589.787	488 746.333	12.088	FOX-2 BASELINE STA. 12+00



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General Notes:


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- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ARCHAEOLOGICAL FEATURES LOCATED AS PER ARCHAEOLOGICAL MITIGATION STUDY AT FOX-2, LONGSTAFF BLUFF, BY THOMSON HERITAGE CONSULTANTS DATED NOVEMBER 2005.
- ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL.
- REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
- ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.


Legend:

 SURVEY CONTROL MONUMENT

 TEST PIT LOCATION

 BODY OF WATER

 APPROXIMATE EXTENT OF DEBRIS AREAS

 APPROXIMATE EXTENT OF BORROW AREAS

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

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SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

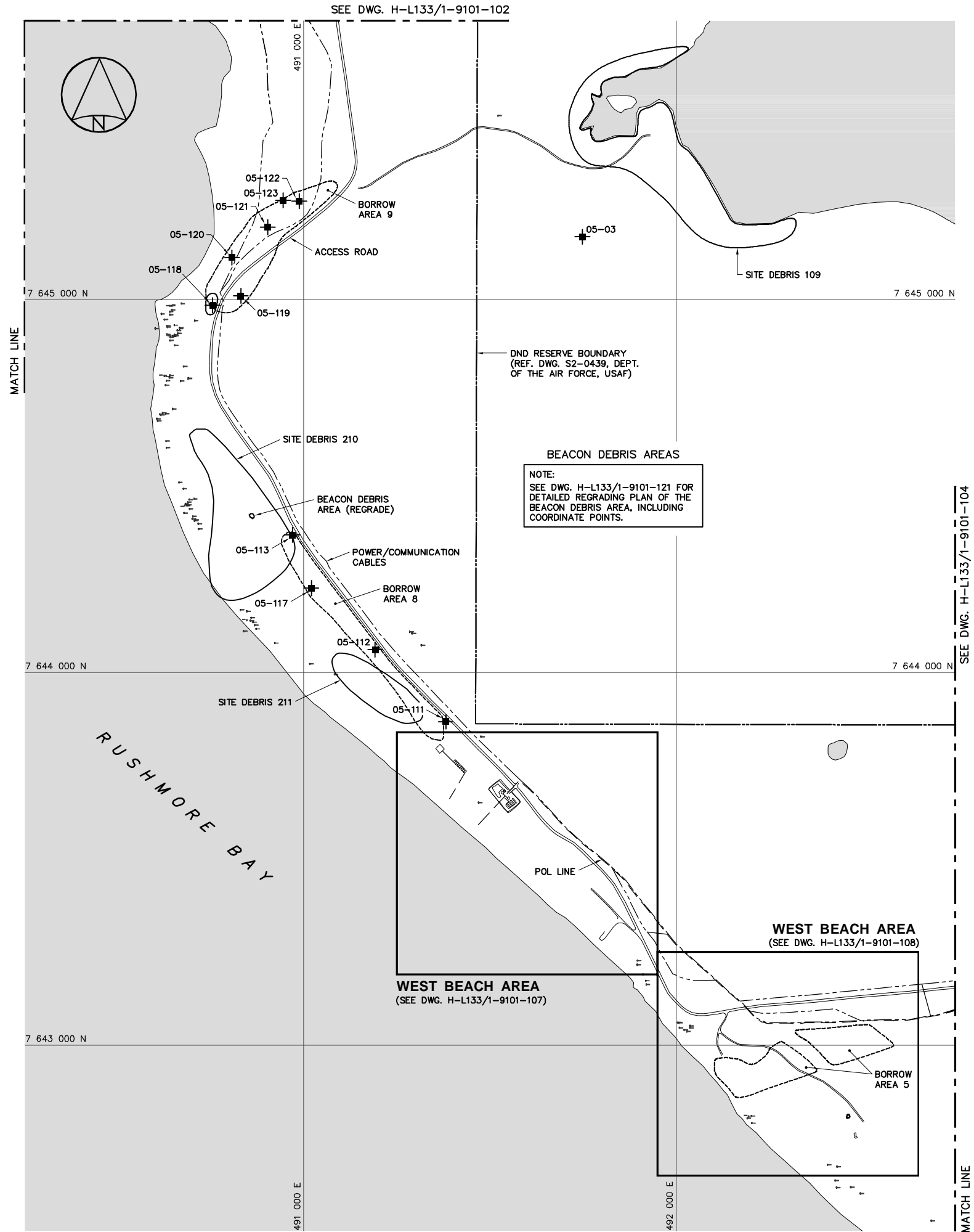
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TRADE - METIER	SITING	DATE	2007-06-07
SUBJECT - SUJET			

PROJECT LAYOUT		SH. 1
PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE TME/BWF		DES OFF AGENT CONCEPT
DRAWN DESSINE CAE		SECT HD CHEF SECT
CHECKED VERIFIE RRM		DES MGR GEST CONCEPT
COORDINATION SMS	REVIEWED - REVU	

DWG. NO. - DESSIN NO.
H-L133/1-9101-102

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General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ARCHAEOLOGICAL FEATURES LOCATED AS PER ARCHAEOLOGICAL MITIGATION STUDY AT FOX-2, LONGSTAFF BLUFF, BY THOMSON HERITAGE CONSULTANTS DATED NOVEMBER 2005.
4. ALL NON-HAZARDOUS DEBRIS FROM AREAS WEST OF THE BEACH POL TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL AND ALL NON-HAZARDOUS DEBRIS FROM AREAS EAST OF THE BEACH POL TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.
5. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
6. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

Legend:

- TEST PIT LOCATION
- BODY OF WATER
- APPROXIMATE EXTENT OF DEBRIS AREAS
- APPROXIMATE EXTENT OF BORROW AREAS

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

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SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

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SITING

DATE
2007-06-07

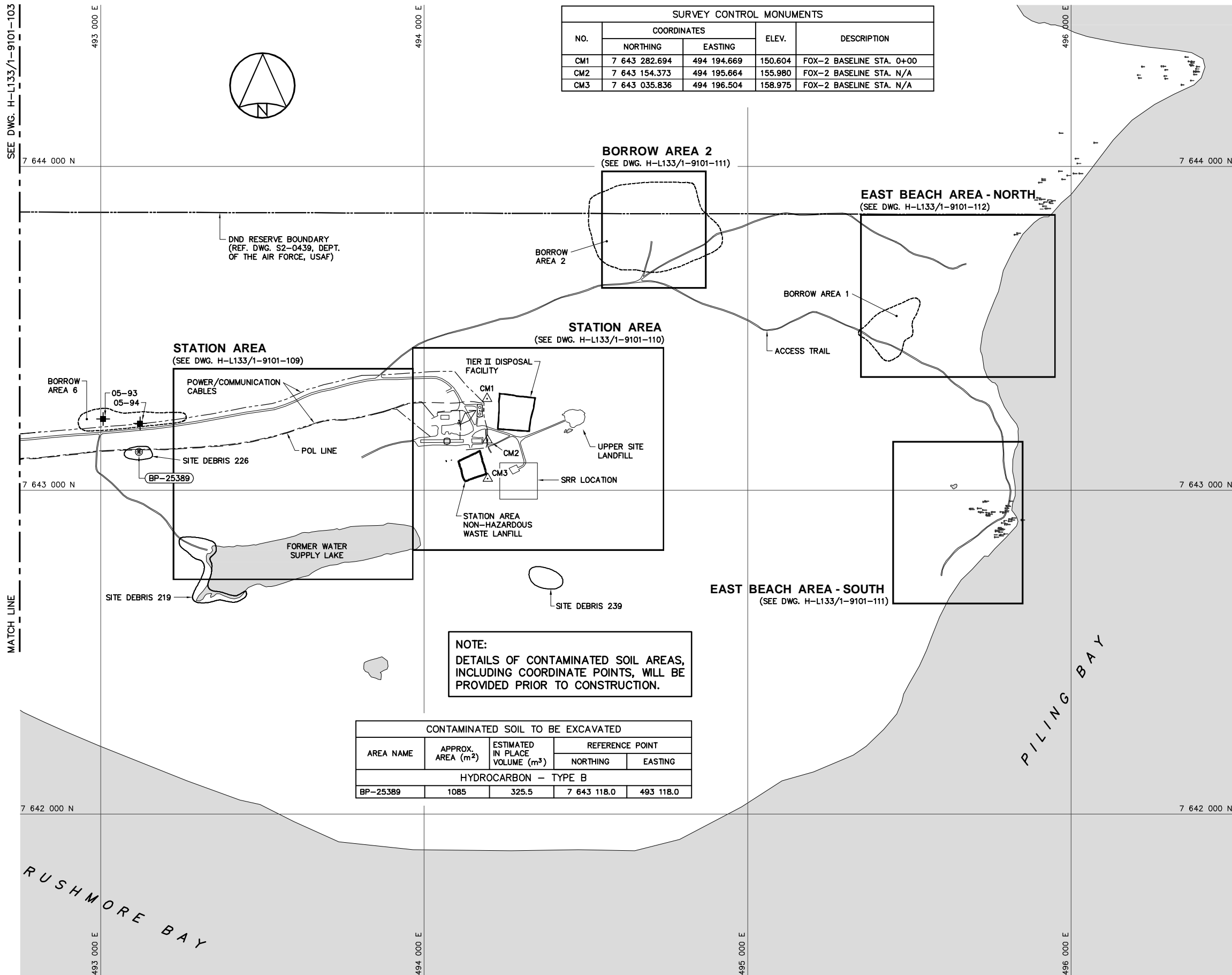
SUBJECT - SUJET

PROJECT LAYOUT SH. 2

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-103

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General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ARCHAEOLOGICAL FEATURES LOCATED AS PER ARCHAEOLOGICAL MITIGATION STUDY AT FOX-2, LONGSTAFF BLUFF, BY THOMSON HERITAGE CONSULTANTS DATED NOVEMBER 2005.

4. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.

5. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.

6. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

Legend:

SURVEY CONTROL MONUMENT

TEST PIT LOCATION

CONTAMINATED AREA

BODY OF WATER

APPROXIMATE EXTENT OF DEBRIS AREAS

APPROXIMATE EXTENT OF BORROW AREAS

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE - ECHELLE

100

50

0

100

200

300m

PROJECT - PROJET

FOX-2

LONGSTAFF BLUFF

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DATE

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SUBJECT - SUJET

PROJECT LAYOUT

SH. 3

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE

TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE

CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE

RRM

DES MGR
GEST CONCEPT

COORDINATION

SMS

REVIEWED - REVU

DWG. NO. - DESSIN NO.

H-L133/1-9101-104

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General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

Legend:

- △ SURVEY CONTROL MONUMENT
- TEMPORARY BENCHMARK
- ✦ TEST PIT LOCATION
- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- HYDROCARBON - TYPE B CONTAMINATED SOIL
- BODY OF WATER
- ▨ LANDFILL/BURIED DEBRIS EXCAVATION AREA
- ③ PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

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SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

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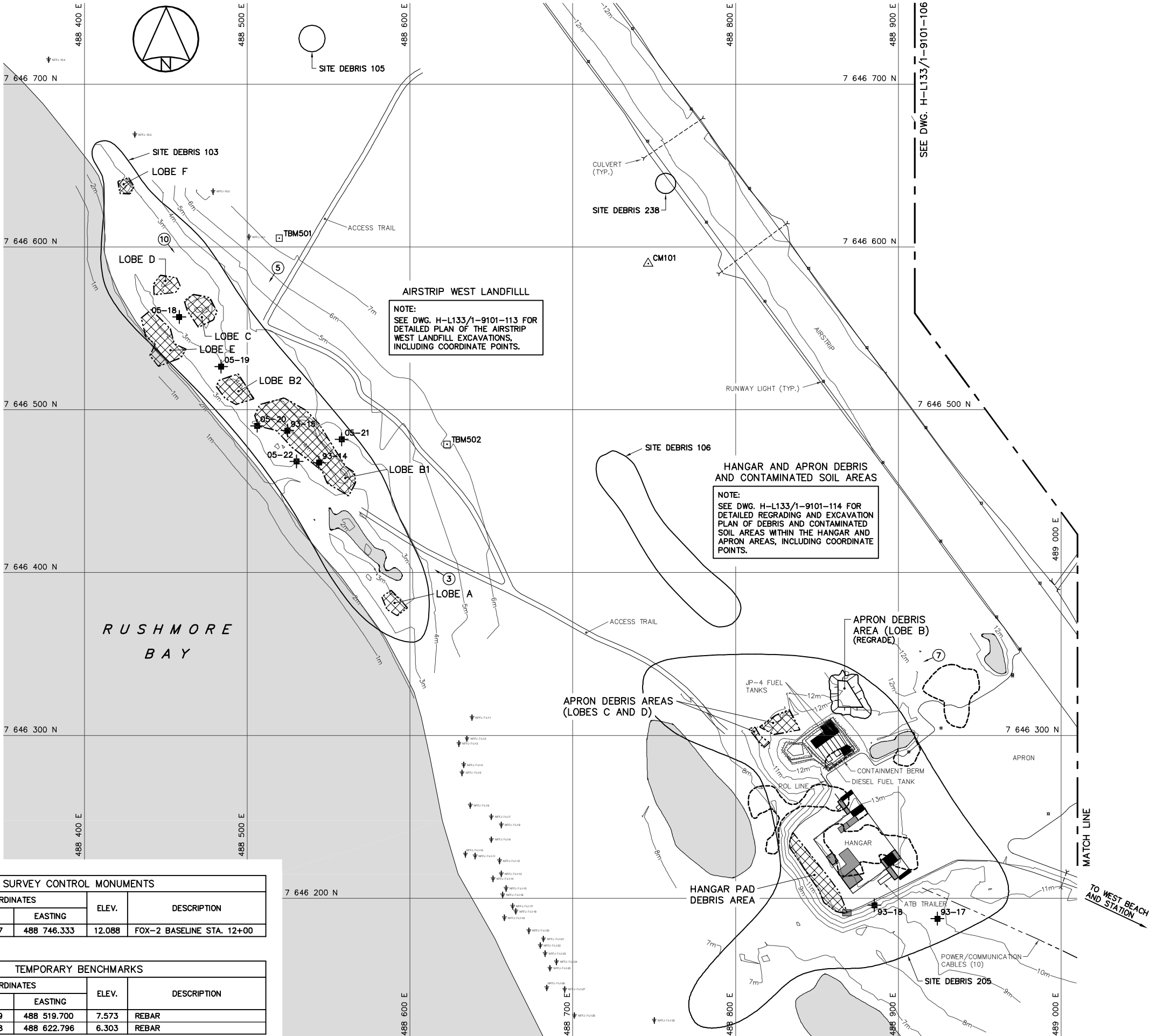
SUBJECT - SUJET

AIRSTRIp AREA - WEST
SITE PLAN

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

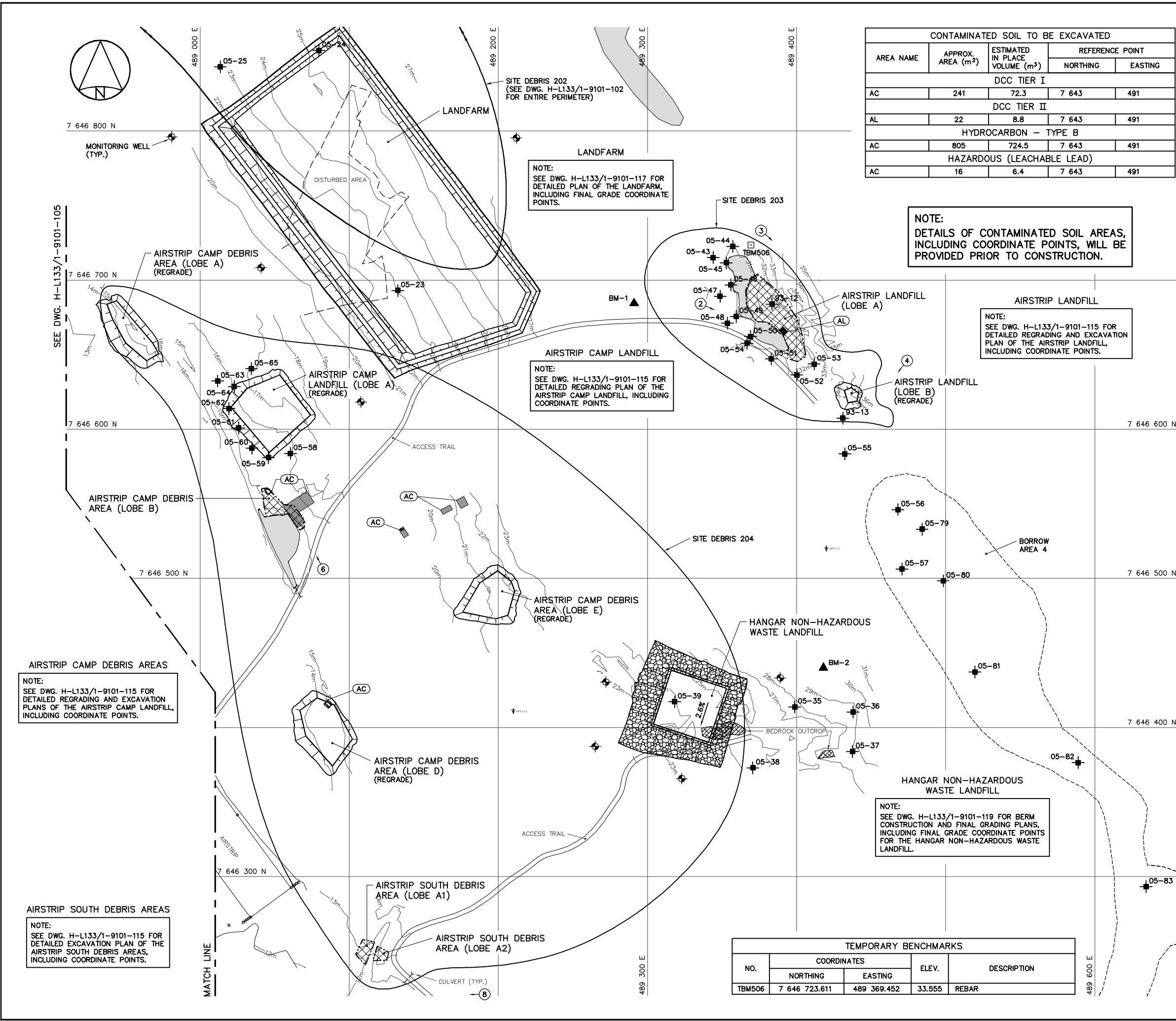
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H-L133/1-9101-105

Canada












SURVEY CONTROL MONUMENTS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM101	7 646 589.787	488 746.333	12.088	FOX-2 BASELINE STA. 12+00

TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM501	7 646 605.389	488 519.700	7.573	REBAR
TBM502	7 646 478.838	488 622.796	6.303	REBAR



CONTAMINATED SOIL TO BE EXCAVATED				
AREA NAME	APPROX. AREA (m ²)	ESTIMATED IN PLACE VOLUME (m ³)	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
AC	241	72.3	7 643	491
DCC TIER II				
AL	22	8.8	7 643	491
HYDROCARBON – TYPE B				
AC	805	724.5	7 643	491
HAZARDOUS (LEACHABLE LEAD)				
AC	16	6.4	7 643	491

- General Notes:
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 - REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
 - ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
 - FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

- Legend:
-  TEMPORARY BENCHMARK
 -  TEST PIT LOCATION
 -  DCC TIER I CONTAMINATED SOIL
 -  DCC TIER II CONTAMINATED SOIL
 -  HYDROCARBON - TYPE B CONTAMINATED SOIL
 -  HAZARDOUS CONTAMINATED SOIL
 -  LANDFILL/BURIED DEBRIS EXCAVATION AREA
 -  PHOTOGRAPHIC VIEWPOINT
 -  PROPOSED PERMANENT BENCHMARK LOCATION (2). (SEE NOTE 6).

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SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

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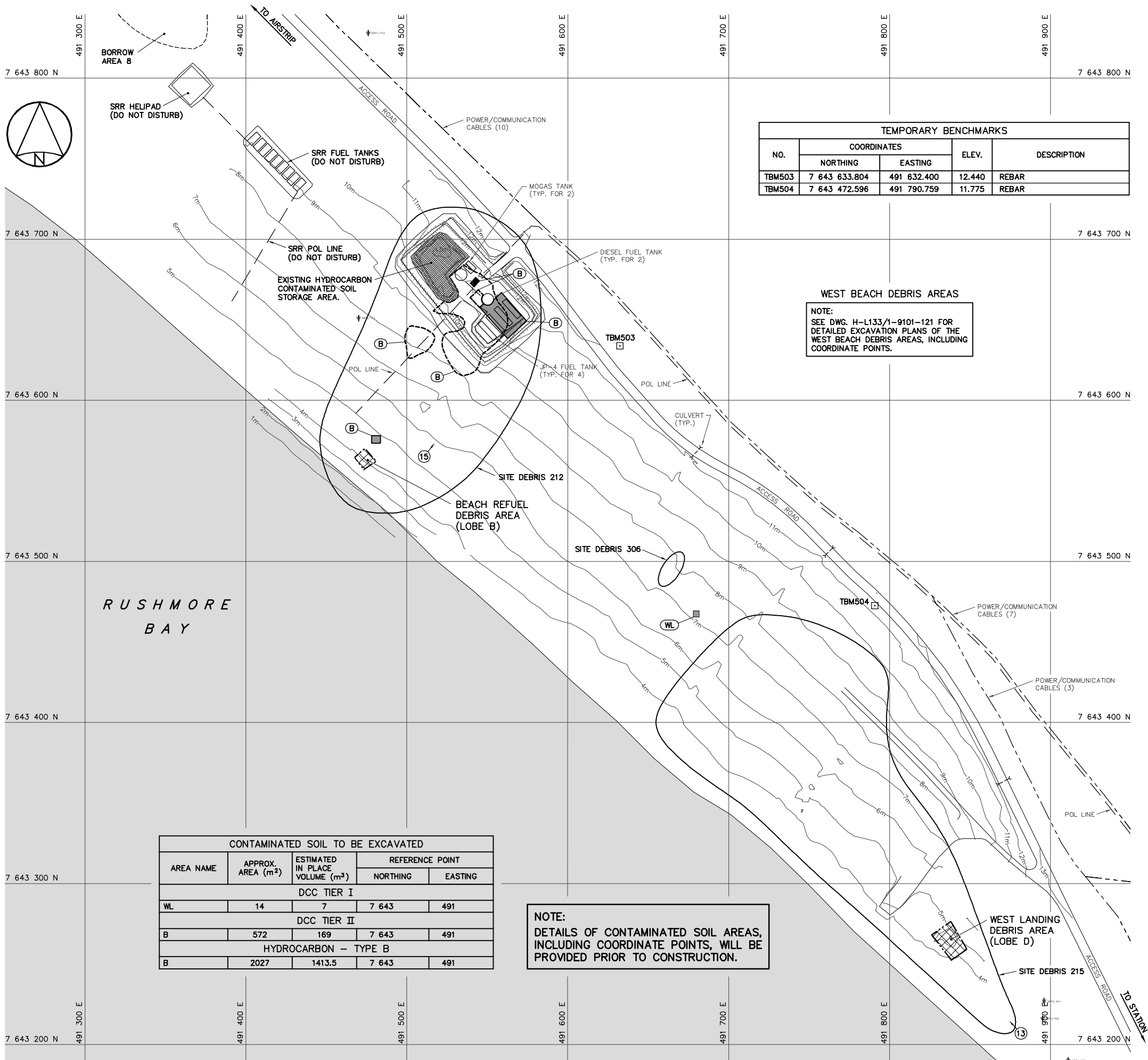
TRADE - METIER SITING DATE 2007-06-07

SUBJECT - SUJET

AIRSTrip AREA - EAST
SITE PLAN


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

DWG. NO. - DESSIN NO.
H-L133/1-9101-106




TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM503	7 643 633.804	491 632.400	12.440	REBAR
TBM504	7 643 472.596	491 790.759	11.775	REBAR

CONTAMINATED SOIL TO BE EXCAVATED				
AREA NAME	APPROX. AREA (m ²)	ESTIMATED IN PLACE VOLUME (m ³)	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
WL	14	7	7 643	491
DCC TIER II				
B	572	169	7 643	491
HYDROCARBON – TYPE B				
B	2027	1413.5	7 643	491



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Legend:

- TEMPORARY BENCHMARK
- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- HYDROCARBON – TYPE B CONTAMINATED SOIL
- BODY OF WATER
- LANDFILL/BURIED DEBRIS EXCAVATION AREA
- PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

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SCALE – ECHELLE 20 10 0 20 40 60m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

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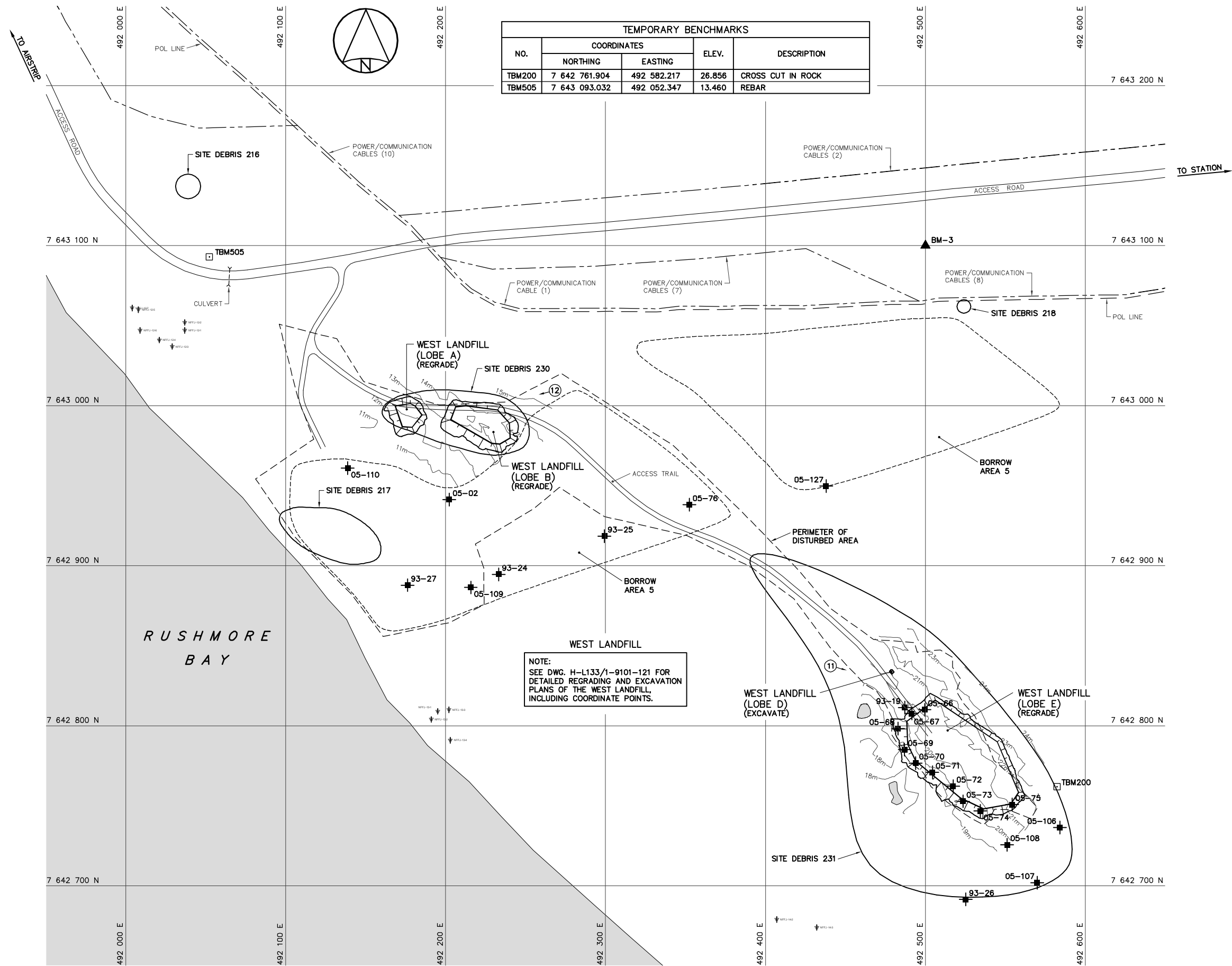
WEST BEACH AREA
SITE PLAN

SH. 1

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

DWG. NO. – DESSIN NO.
H-L133/1-9101-107











TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM200	7 642 761.904	492 582.217	26.856	CROSS CUT IN ROCK
TBM505	7 643 093.032	492 052.347	13.460	REBAR

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 - ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.
 - REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
 - ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
 - FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

- Legend:
-  TEMPORARY BENCHMARK
 -  TEST PIT LOCATION
 -  BODY OF WATER
 -  LANDFILL/BURIED DEBRIS EXCAVATION AREA
 -  PHOTOGRAPHIC VIEWPOINT
 -  PROPOSED PERMANENT BENCHMARK LOCATION (2). (SEE NOTE 6).

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

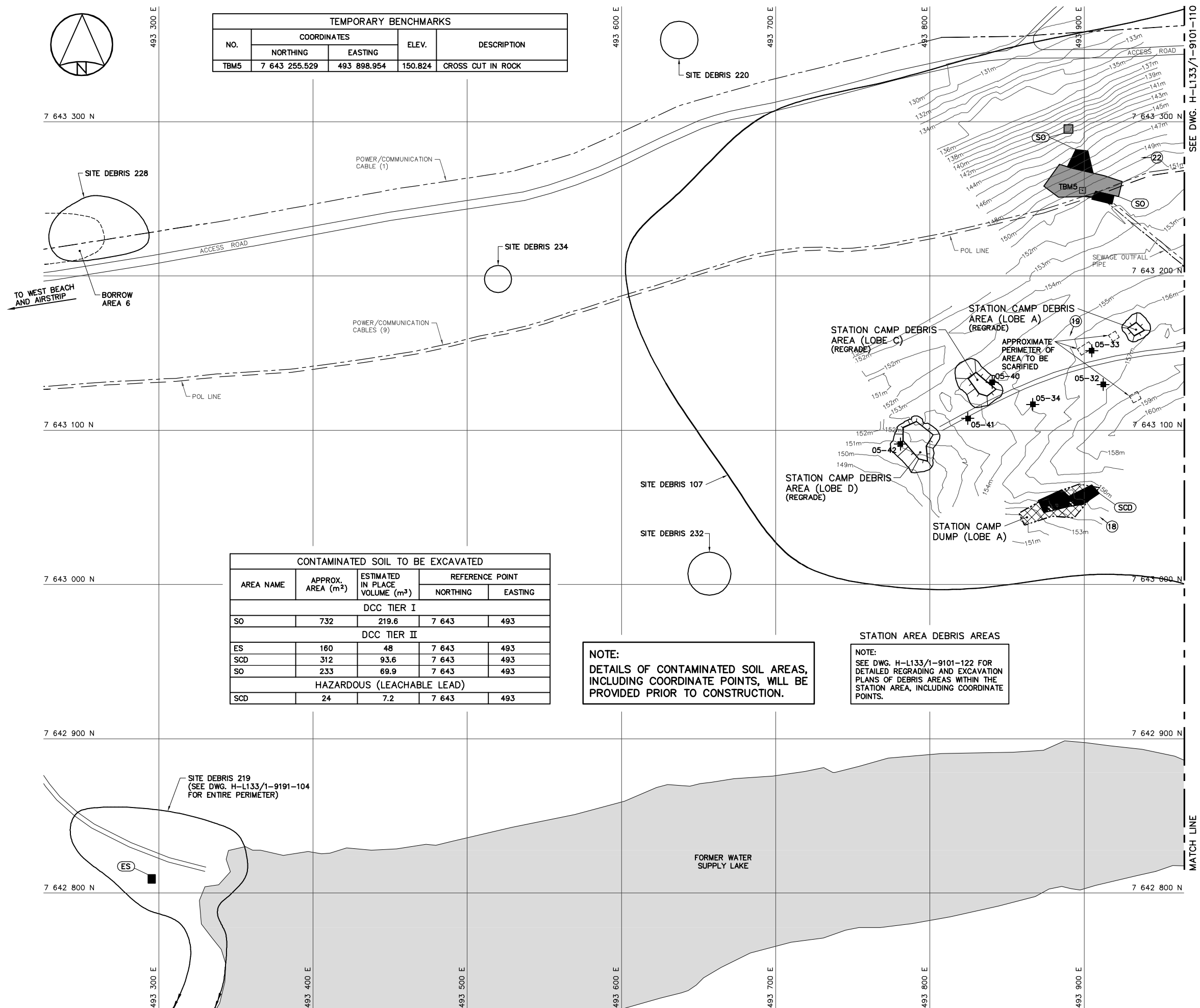
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TRADE - METIER SITING DATE 2007-06-07

SUBJECT - SUJET
WEST BEACH AREA
SITE PLAN SH. 2

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-108



TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM5	7 643 255.529	493 898.954	150.824	CROSS CUT IN ROCK

CONTAMINATED SOIL TO BE EXCAVATED				
AREA NAME	APPROX. AREA (m ²)	ESTIMATED IN PLACE VOLUME (m ³)	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
SO	732	219.6	7 643	493
DCC TIER II				
ES	160	48	7 643	493
SCD	312	93.6	7 643	493
SO	233	69.9	7 643	493
HAZARDOUS (LEACHABLE LEAD)				
SCD	24	7.2	7 643	493

NOTE:
DETAILS OF CONTAMINATED SOIL AREAS, INCLUDING COORDINATE POINTS, WILL BE PROVIDED PRIOR TO CONSTRUCTION.

STATION AREA DEBRIS AREAS
NOTE:
SEE DWG. H-L133/1-9101-122 FOR DETAILED REGRADING AND EXCAVATION PLANS OF DEBRIS AREAS WITHIN THE STATION AREA, INCLUDING COORDINATE POINTS.

National Defence

Défense nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.

4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.

5. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

Legend:

TEMPORARY BENCHMARK

TEST PIT LOCATION

DCC TIER I CONTAMINATED SOIL

DCC TIER II CONTAMINATED SOIL

HAZARDOUS CONTAMINATED SOIL

BODY OF WATER

LANDFILL/BURIED DEBRIS EXCAVATION AREA

PHOTOGRAPHIC VIEWPOINT

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE - ECHELLE

20 10 0 20 40 60m

PROJECT - PROJET

FOX-2 LONGSTAFF BLUFF

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TRADE - METIER

SITING

DATE

2007-06-07

SUBJECT - SUJET

STATION AREA SITE PLAN

SH. 1

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE

TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE

CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE

RRM

DES MGR
GEST CONCEPT

COORDINATION

SMS

REVIEWED - REVU

DWG. NO. - DESSIN NO.

H-L133/1-9101-109

Canada



National
Défense

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

Legend:

- TEMPORARY BENCHMARK
- TEST PIT LOCATION
- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- BODY OF WATER
- LANDFILL/BURIED DEBRIS EXCAVATION AREA
- PROPOSED PERMANENT BENCHMARK LOCATION (2). (SEE NOTE 6).

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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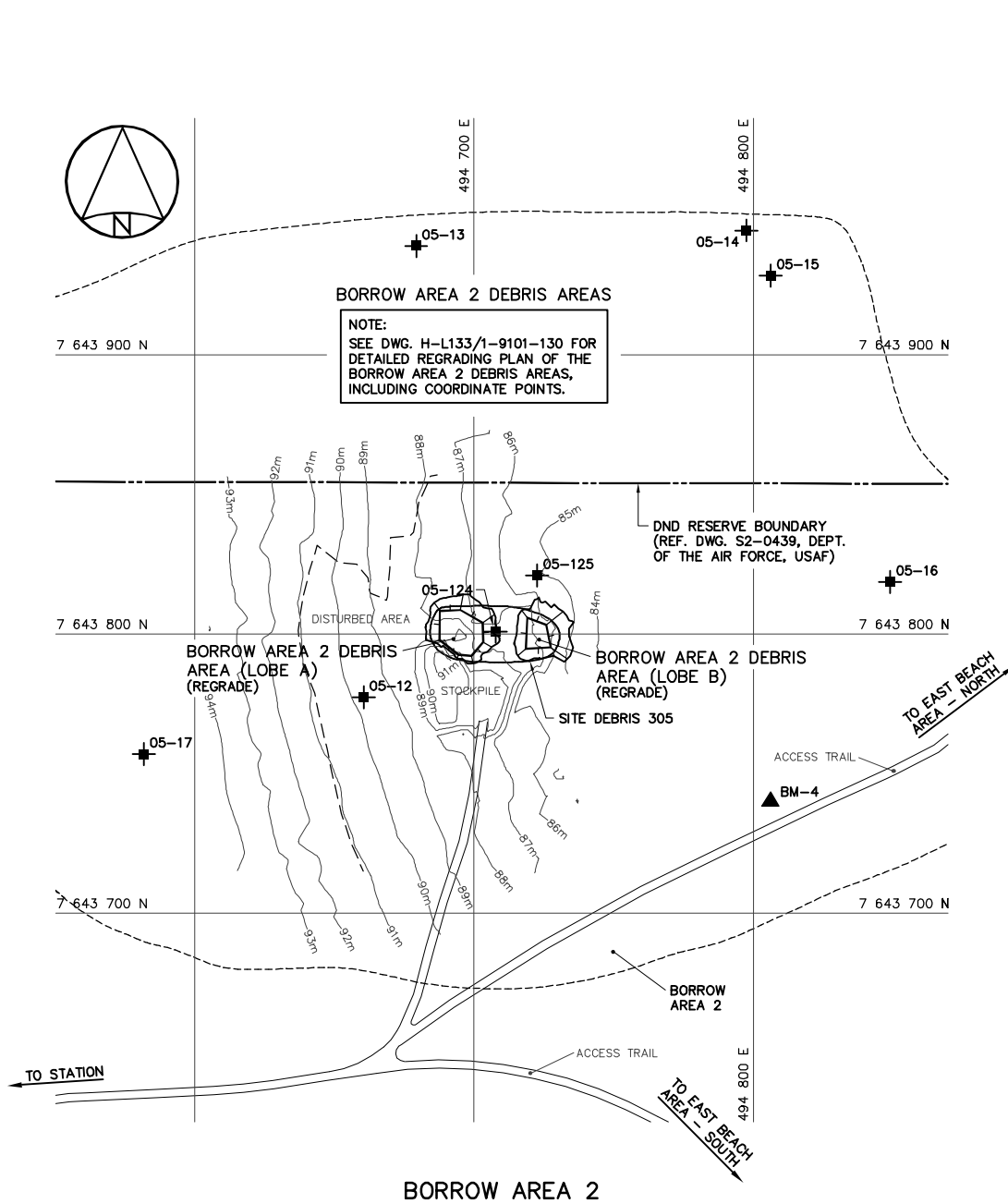
TRADE - METIER SITING DATE 2007-06-07

SUBJECT - SUJET
BORROW AREA 2 AND
EAST BEACH AREA - SOUTH
SITE PLANS

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-111

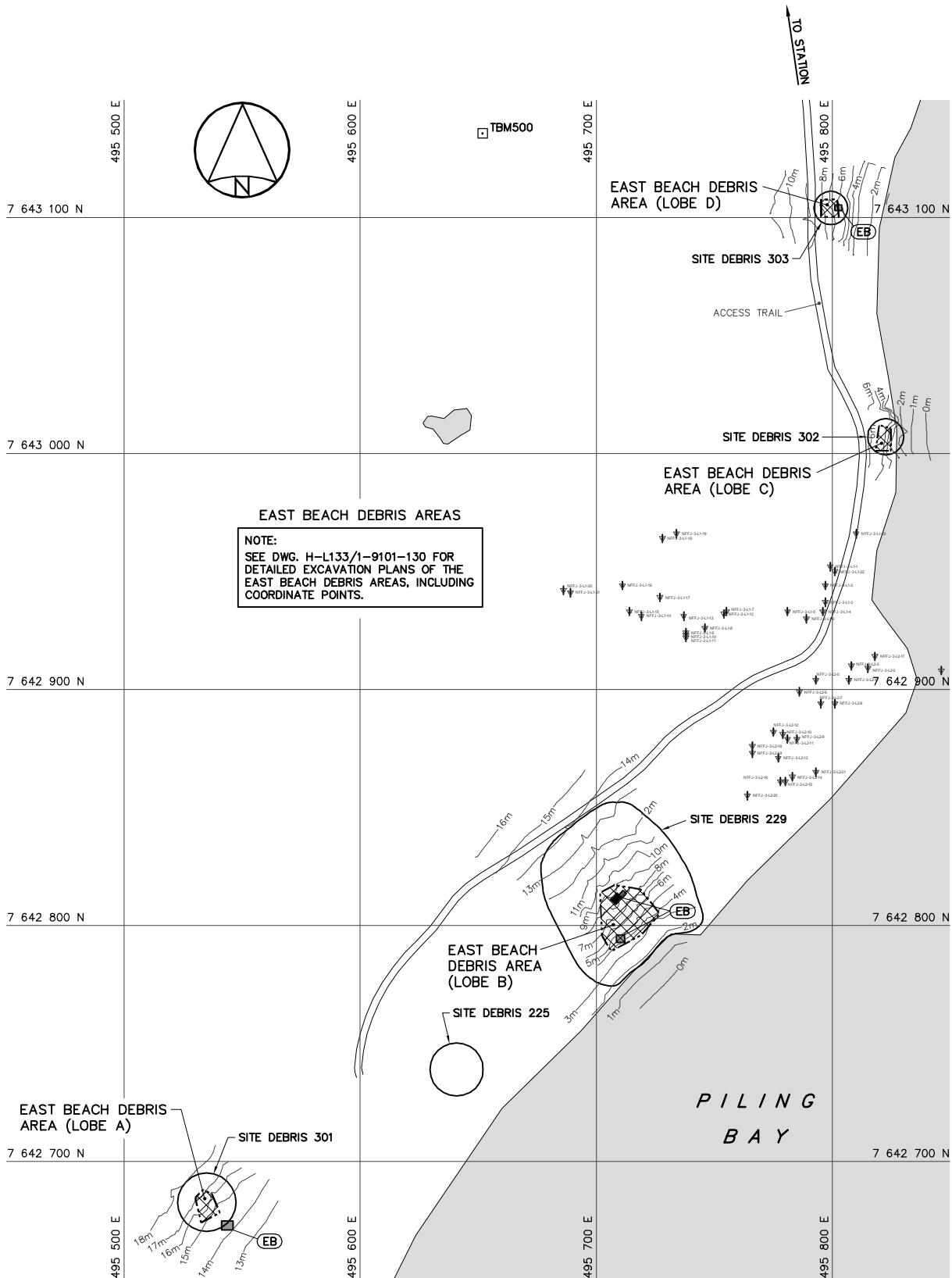
Canada



TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM500	7 643 135.524	495 651.826	33.562	X

CONTAMINATED SOIL TO BE EXCAVATED				
AREA NAME	APPROX. AREA (m²)	ESTIMATED IN PLACE VOLUME (m³)	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
EB	21	6.3	7 64	495
DCC TIER II				
EB	12	4.8	7 64	495

NOTE:
DETAILS OF CONTAMINATED SOIL AREAS,
INCLUDING COORDINATE POINTS, WILL BE
PROVIDED PRIOR TO CONSTRUCTION.



EAST BEACH AREA - SOUTH



Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

Legend:

- TEST PIT LOCATION
- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- HAZARDOUS CONTAMINATED SOIL
- BODY OF WATER
- LANDFILL/BURIED DEBRIS EXCAVATION AREA
- PHOTOGRAPHIC VIEWPOINT
- PROPOSED PERMANENT BENCHMARK LOCATION (2). (SEE NOTE 6).

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER
SITING

DATE
2007-06-07

SUBJECT - SUJET
EAST BEACH AREA - NORTH
SITE PLAN

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-112

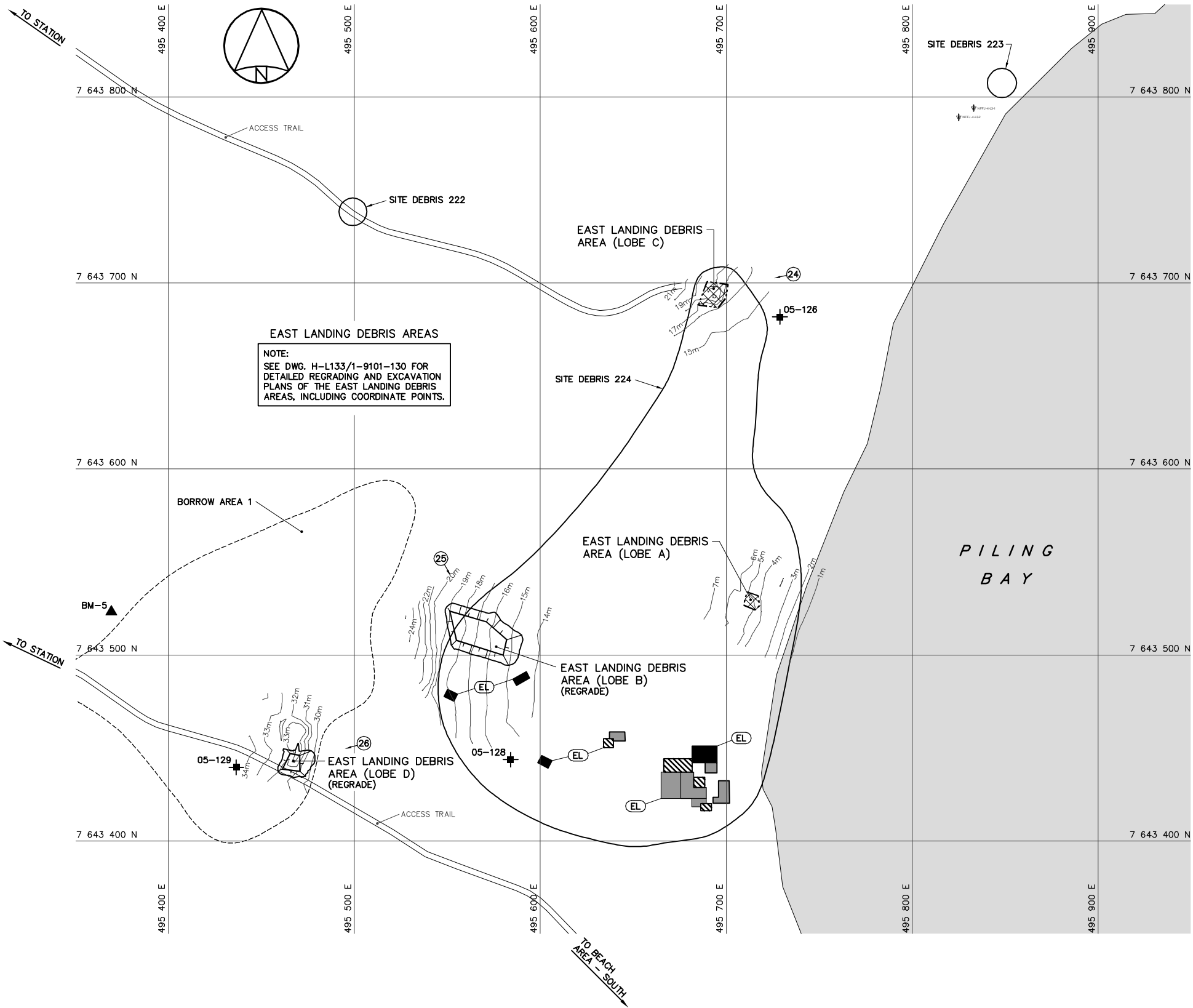
Canada

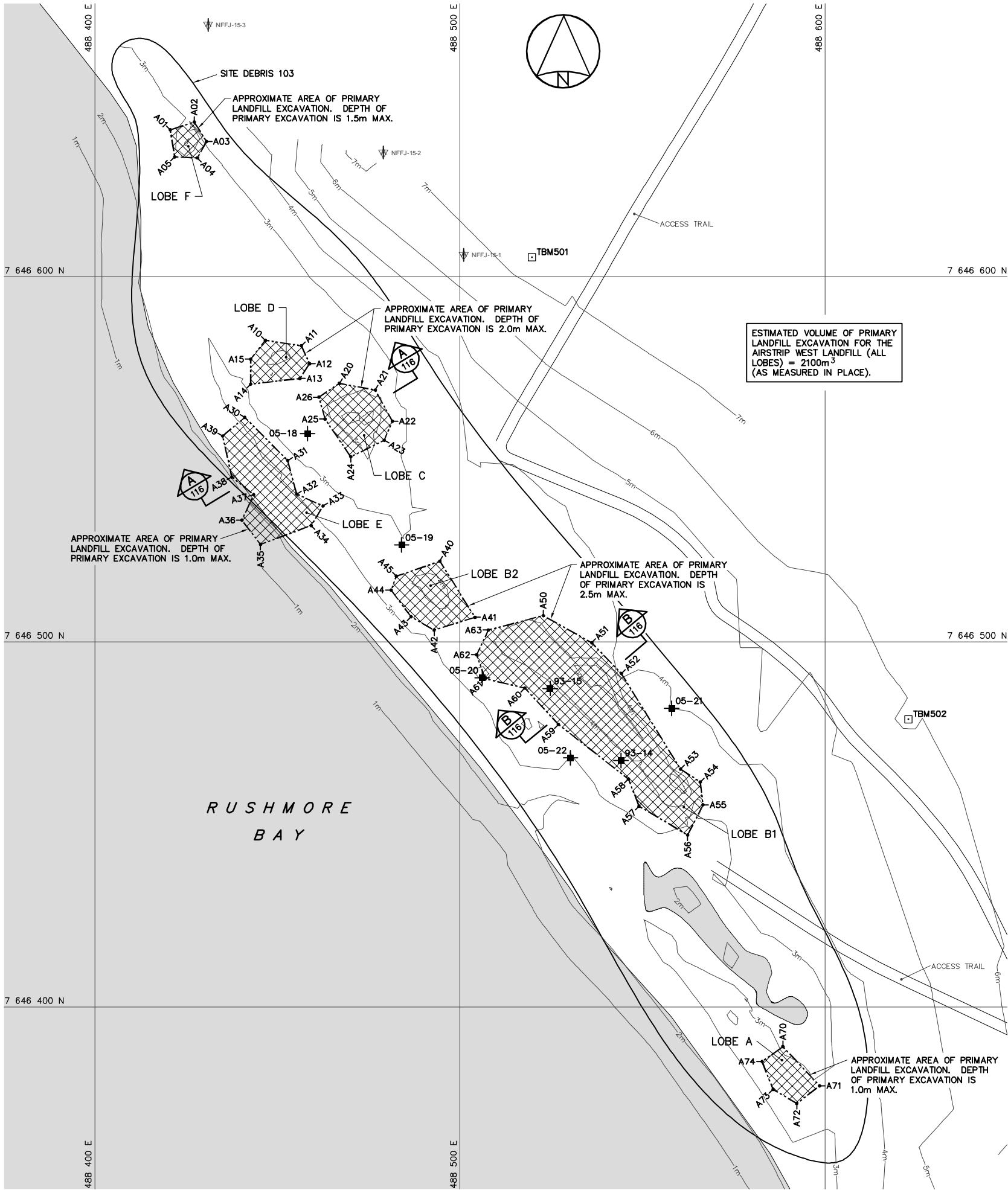
CONTAMINATED SOIL TO BE EXCAVATED

AREA NAME	APPROX. AREA (m²)	ESTIMATED IN PLACE VOLUME (m³)	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
EL	475	142.5	7 643	495
DCC TIER II				
EL	205	64.2	7 643	495
HAZARDOUS (LEACHABLE LEAD)				
EL	191	62.5	7 643	495

NOTE:


DETAILS OF CONTAMINATED SOIL AREAS,
INCLUDING COORDINATE POINTS, WILL BE
PROVIDED PRIOR TO CONSTRUCTION.






TEMPORARY BENCHMARKS				
NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
TBM501	7 646 605.389	488 519.700	7.573	REBAR
TBM502	7 646 478.838	488 622.796	6.303	REBAR

COORDINATE POINTS AIRSTRIP WEST LANDFILL EXCAVATIONS					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
A01	7 646 640.3	488 420.7	A39	7 646 556.4	488 435.0
A02	7 646 642.4	488 427.2	A40	7 646 522.1	488 494.5
A03	7 646 637.1	488 430.6	A41	7 646 506.7	488 504.1
A04	7 646 632.6	488 428.1	A42	7 646 503.3	488 492.9
A05	7 646 632.8	488 421.9	A43	7 646 506.9	488 486.6
A10	7 646 582.6	488 446.7	A44	7 646 514.2	488 481.1
A11	7 646 581.1	488 456.6	A45	7 646 518.0	488 482.6
A12	7 646 576.2	488 458.8			
A13	7 646 572.1	488 456.2	A50	7 646 507.2	488 522.8
A14	7 646 570.6	488 442.7	A51	7 646 499.8	488 536.1
A15	7 646 577.4	488 442.7	A52	7 646 491.3	488 544.2
			A53	7 646 465.2	488 560.4
A20	7 646 570.8	488 467.0	A54	7 646 461.6	488 565.8
A21	7 646 569.0	488 476.8	A55	7 646 455.4	488 566.6
A22	7 646 560.5	488 481.5	A56	7 646 447.1	488 562.3
A23	7 646 555.2	488 479.3	A57	7 646 455.0	488 549.0
A24	7 646 550.7	488 470.1	A58	7 646 462.4	488 546.1
A25	7 646 561.0	488 463.0	A59	7 646 477.4	488 526.9
A26	7 646 567.0	488 461.4	A60	7 646 487.4	488 517.8
			A61	7 646 489.9	488 506.9
A30	7 646 561.5	488 441.1	A62	7 646 496.5	488 504.6
A31	7 646 549.7	488 452.8	A63	7 646 503.3	488 507.8
A32	7 646 540.5	488 455.3			
A33	7 646 537.2	488 462.5	A70	7 646 389.2	488 588.4
A34	7 646 531.9	488 459.3	A71	7 646 378.4	488 598.5
A35	7 646 526.7	488 445.4	A72	7 646 373.6	488 592.2
A36	7 646 533.3	488 440.3	A73	7 646 377.4	488 585.7
A37	7 646 540.3	488 443.5	A74	7 646 385.1	488 582.7
A38	7 646 545.2	488 437.5			



National
Défense




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Headquarters
Quartier général


General Notes:


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- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL.
- REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
- ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.


Legend:

TEMPORARY BENCHMARK

TEST PIT LOCATION

COORDINATE POINT

BODY OF WATER

LANDFILL/BURIED DEBRIS EXCAVATION AREA

A07-06-07DRAFT TENDERRRM

No. DATE REVISION REVISION APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE
2007-06-07

SUBJECT - SUJET

AIRSTRIP WEST LANDFILL
EXCAVATION PLAN

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE TME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE RRM

DES MGR
GEST CONCEPT

COORDINATION
SMS

REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-L133/1-9101-113

Canada

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL.
4. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
5. REGRADED SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

Legend:

- TEST PIT LOCATION
- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- HYDROCARBON – TYPE B CONTAMINATED SOIL
- COORDINATE POINT
- BODY OF WATER
- LANDFILL/BURIED DEBRIS EXCAVATION AREA

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 5 2.5 0 5 10 15m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

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TRADE – METIER SITING DATE
2007-06-07

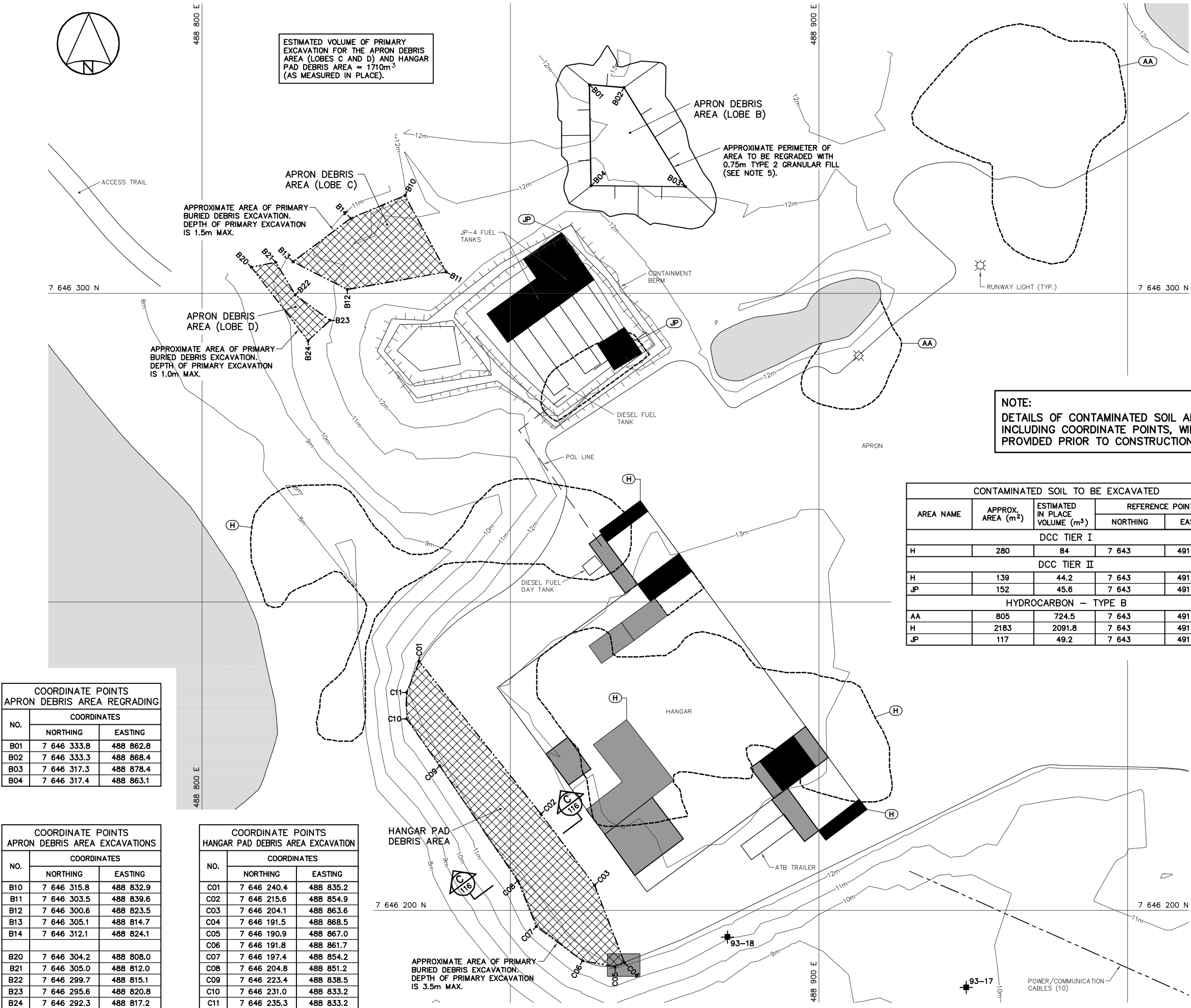
SUBJECT – SUJET

HANGAR AREA
REGRADING AND EXCAVATION PLAN

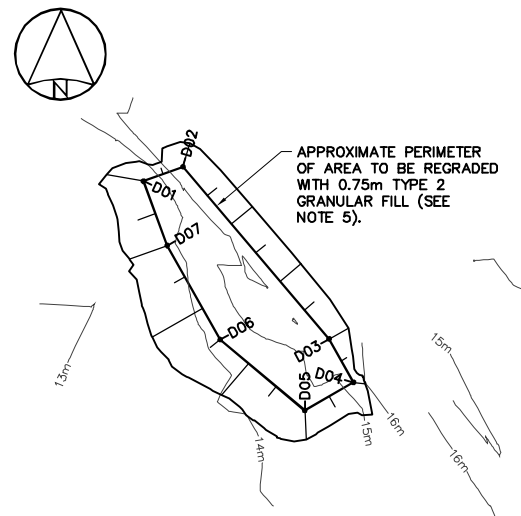
PRODUCTION		CONCURRENCE – ASSENTIMENT	
DESIGNED ETUDIE	TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION SMS		REVIEWED – REVU	

DWG. NO. – DESSIN NO.
H-L133/1-9101-114

Canada

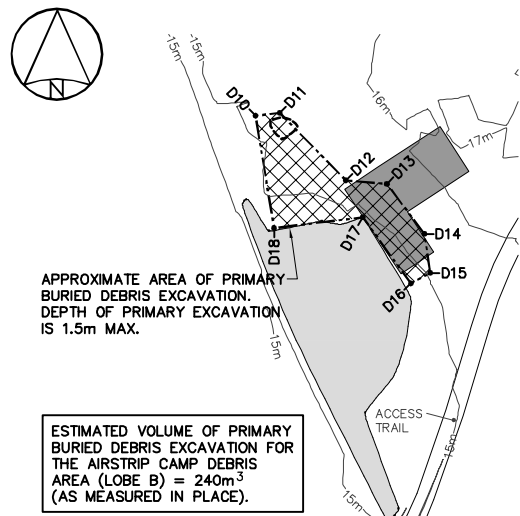


COORDINATE POINTS LOBE A REGRADING			
NO.	COORDINATES		
	NORTHING	EASTING	
D01	7 646 683.8	488	937.6
D02	7 646 686.2	488	944.1
D03	7 646 657.8	488	968.2
D04	7 646 650.6	488	972.2
D05	7 646 646.0	488	964.2
D06	7 646 657.7	488	950.2
D07	7 646 673.2	488	941.5



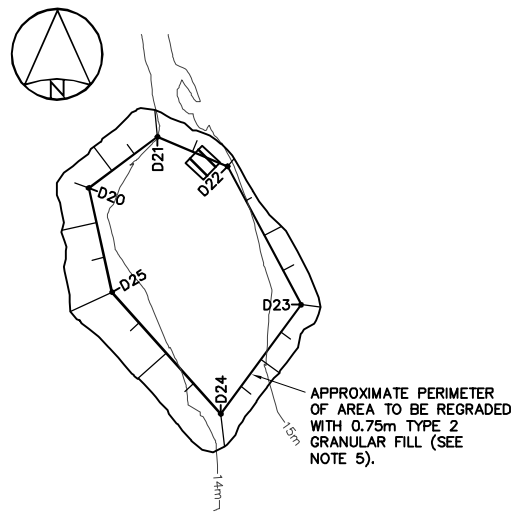
AIRSTrip CAMP DEBRIS AREA LOBE A
(DWG. 106)

COORDINATE POINTS LOBE B EXCAVATION					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
D10	7 646 560.1	489 041.1	D15	7 646 534.2	489 070.0
D11	7 646 560.6	489 045.1	D16	7 646 532.4	489 066.8
D12	7 646 549.5	489 056.1	D17	7 646 543.3	489 058.9
D13	7 646 548.9	489 062.8	D18	7 646 541.6	489 044.2
D14	7 646 540.6	489 069.0			



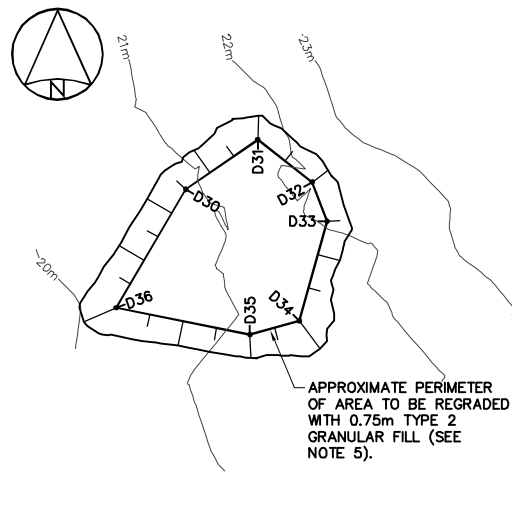
AIRSTrip CAMP DEBRIS AREA LOBE B
(DWG. 106)

COORDINATE POINTS LOBE D REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
D20	7 646 411.5	489 067.0
D21	7 646 419.9	489 078.4
D22	7 646 415.1	489 090.0
D23	7 646 392.2	489 102.1
D24	7 646 374.2	489 088.9
D25	7 646 394.3	489 070.9



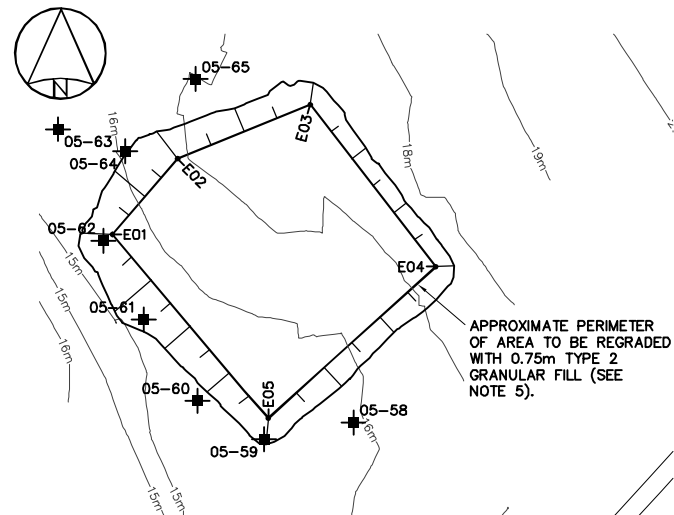
AIRSTRIIP CAMP DEBRIS AREA LOBE D
(DWG. 106)

COORDINATE POINTS LOBE E REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
D30	7 646 496.9	489 187.6
D31	7 646 505.1	489 199.5
D32	7 646 498.1	489 208.5
D33	7 646 491.6	489 210.9
D34	7 646 475.1	489 206.4
D35	7 646 472.9	489 198.2
D36	7 646 477.3	489 176.1



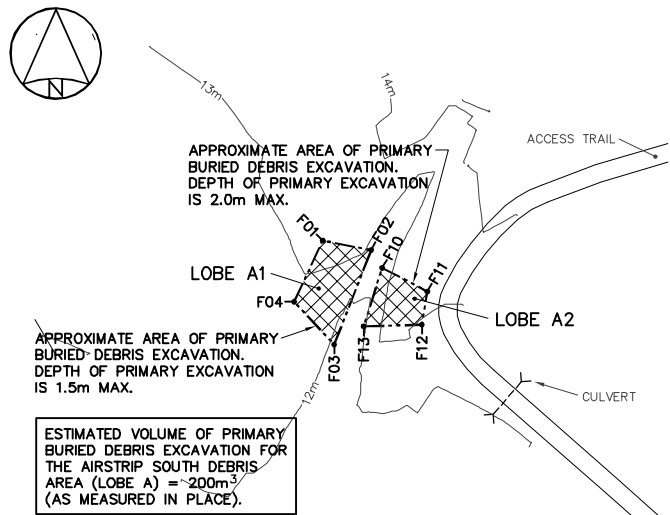
AIRSTrip CAMP DEBRIS AREA LOBE E
(DWG. 106)

COORDINATE POINTS LOBE A REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
E01	7 646 614.9	489 020.7
E02	7 646 627.4	489 031.5
E03	7 646 636.4	489 053.4
E04	7 646 609.6	489 074.2
E05	7 646 584.5	489 046.5



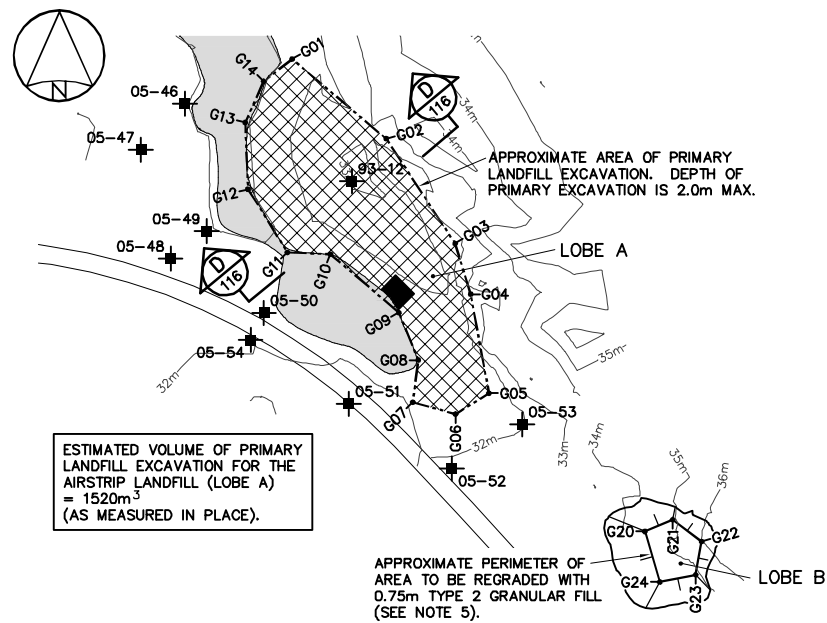
AIRSTrip CAMP LANDFILL LOBE A
(DWG. 106)

COORDINATE POINTS LOBE A EXCAVATION					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
F01	7 646 257.8	489 109.1	F10	7 646 253.3	489 118.9
F02	7 646 256.3	489 117.1	F11	7 646 249.4	489 126.3
F03	7 646 240.7	489 111.0	F12	7 646 243.9	489 125.4
F04	7 646 247.7	489 104.3	F13	7 646 243.7	489 115.8



AIRSTrip SOUTH DEBRIS AREA LOBE A
(DWG. 106)

COORDINATE POINTS LOBE A EXCAVATION AND LOBE B REGRADING					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
G01	7 646 704.1	489 373.7	G11	7 646 672.1	489 372.9
G02	7 646 690.9	489 389.2	G12	7 646 682.6	489 366.4
G03	7 646 673.6	489 400.7	G13	7 646 693.6	489 366.0
G04	7 646 665.2	489 403.2	G14	7 646 700.4	489 369.0
G05	7 646 648.9	489 406.3			
G06	7 646 645.4	489 400.7	G20	7 646 626.0	489 432.1
G07	7 646 647.4	489 393.7	G21	7 646 628.0	489 436.7
G08	7 646 654.4	489 394.6	G22	7 646 624.4	489 441.4
G09	7 646 662.2	489 391.4	G23	7 646 618.9	489 440.4
G10	7 646 671.8	489 380.0	G24	7 646 617.7	489 434.5











AIRSTRIP LANDFILL
(DWG. 106)

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSSR), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOD MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL.
4. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
5. REGRADED SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

Legend:

- | | |
|---|---|
|  | TEST PIT LOCATION |
|  | DCC TIER I CONTAMINATED SOIL |
|  | DCC TIER II CONTAMINATED SOIL |
|  | HYDROCARBON - TYPE B
CONTAMINATED SOIL |
|  | HAZARDOUS CONTAMINATED SOIL |
|  | COORDINATE POINT |
|  | BODY OF WATER |
|  | LANDFILL/BURIED DEBRIS
EXCAVATION AREA |

A	07-06-07	DRAFT TENDER		RRM
No.	DATE	REVISION	REVISION	APPROVED

DRAFT

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJCT
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER	SITING	DATE
		2007-06-07

SUBJECT - SUJET

AIRSTRIIP AREA - EAST
REGRADING AND EXCAVATION
DETAILS

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-115



Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER
SITING

DATE
2007-06-07

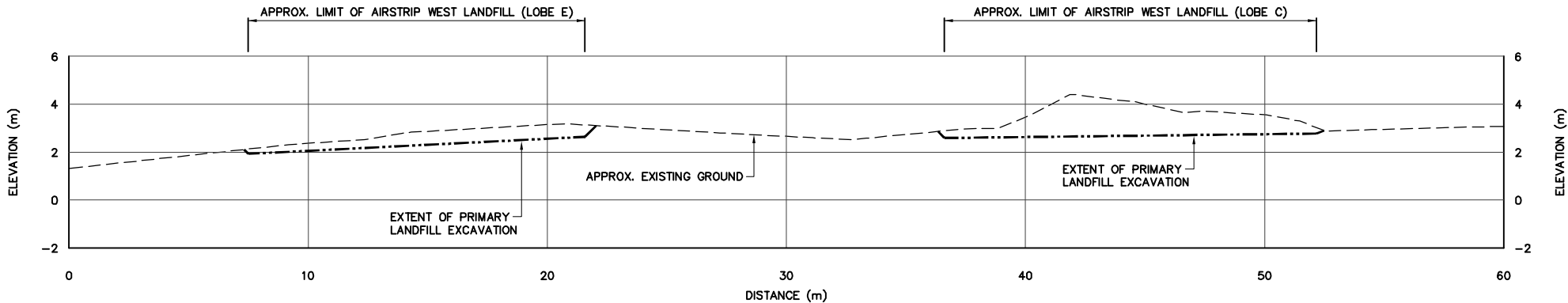
SUBJECT - SUJET

LANDFILL AND BURIED DEBRIS
EXCAVATION CROSS SECTIONS

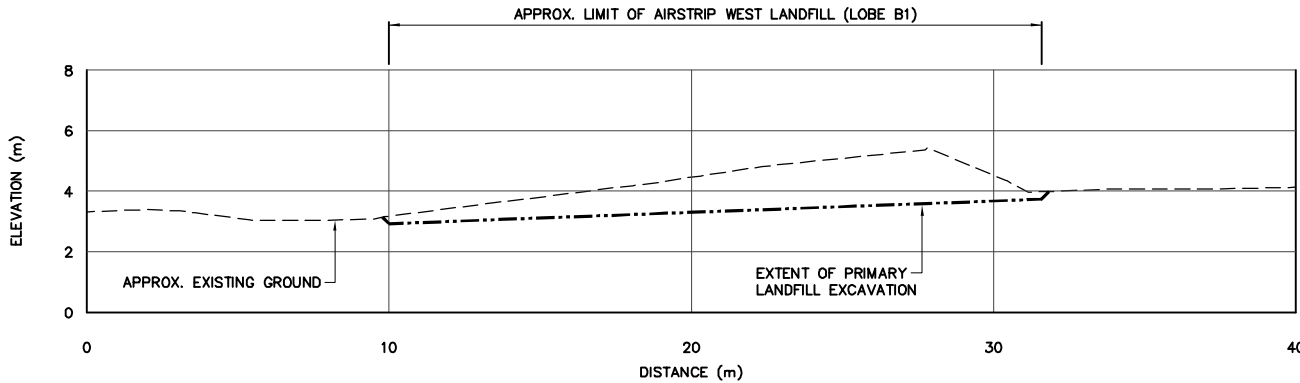
PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE CAE	SECT HD CHEF SECT	
CHECKED VERIFIE RRM	DES MGR GEST CONCEPT	
COORDINATION SMS	REVIEWED - REVU	

DWG. NO. - DESSIN NO.
H-L133/1-9101-116

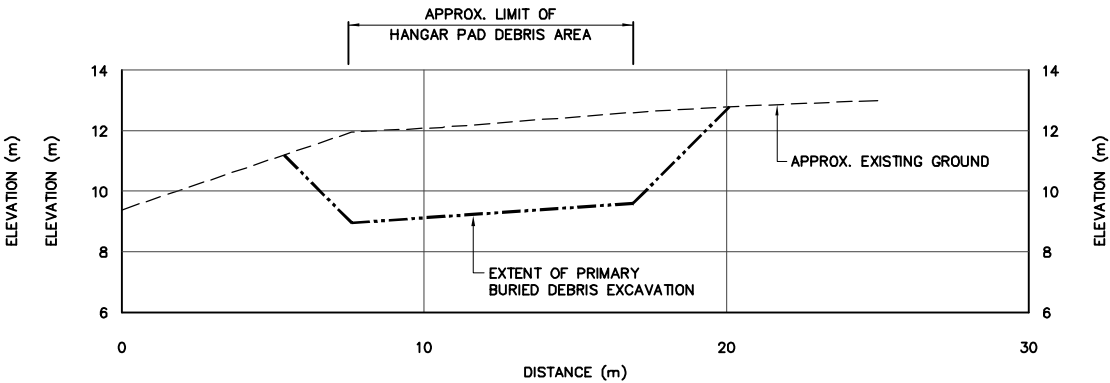
Canada



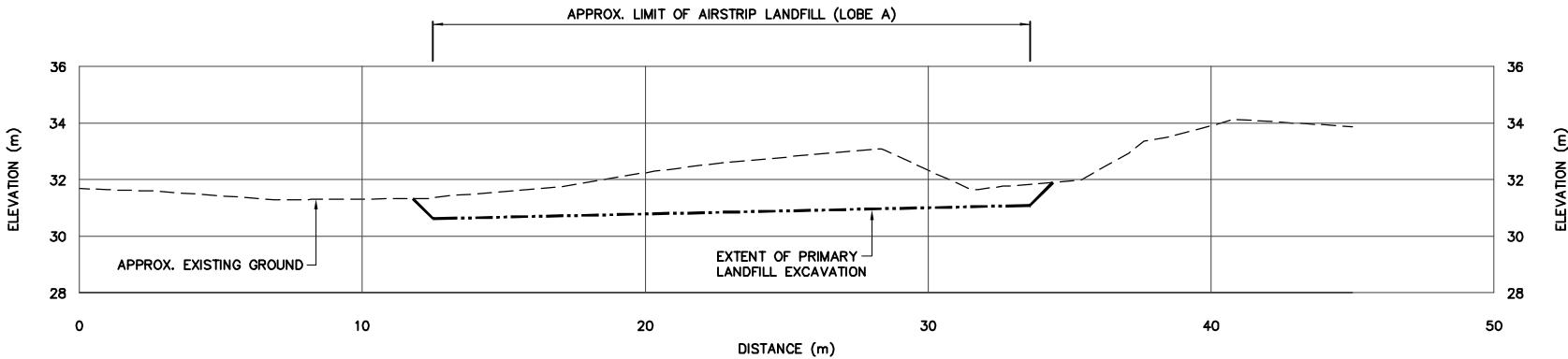
SECTION A
113



SECTION B
113



SECTION C
114



SECTION D
115



Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

Legend:

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

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER
SITING

DATE
2007-06-07

SUBJECT - SUJET

LANDFARM
GRADING PLAN

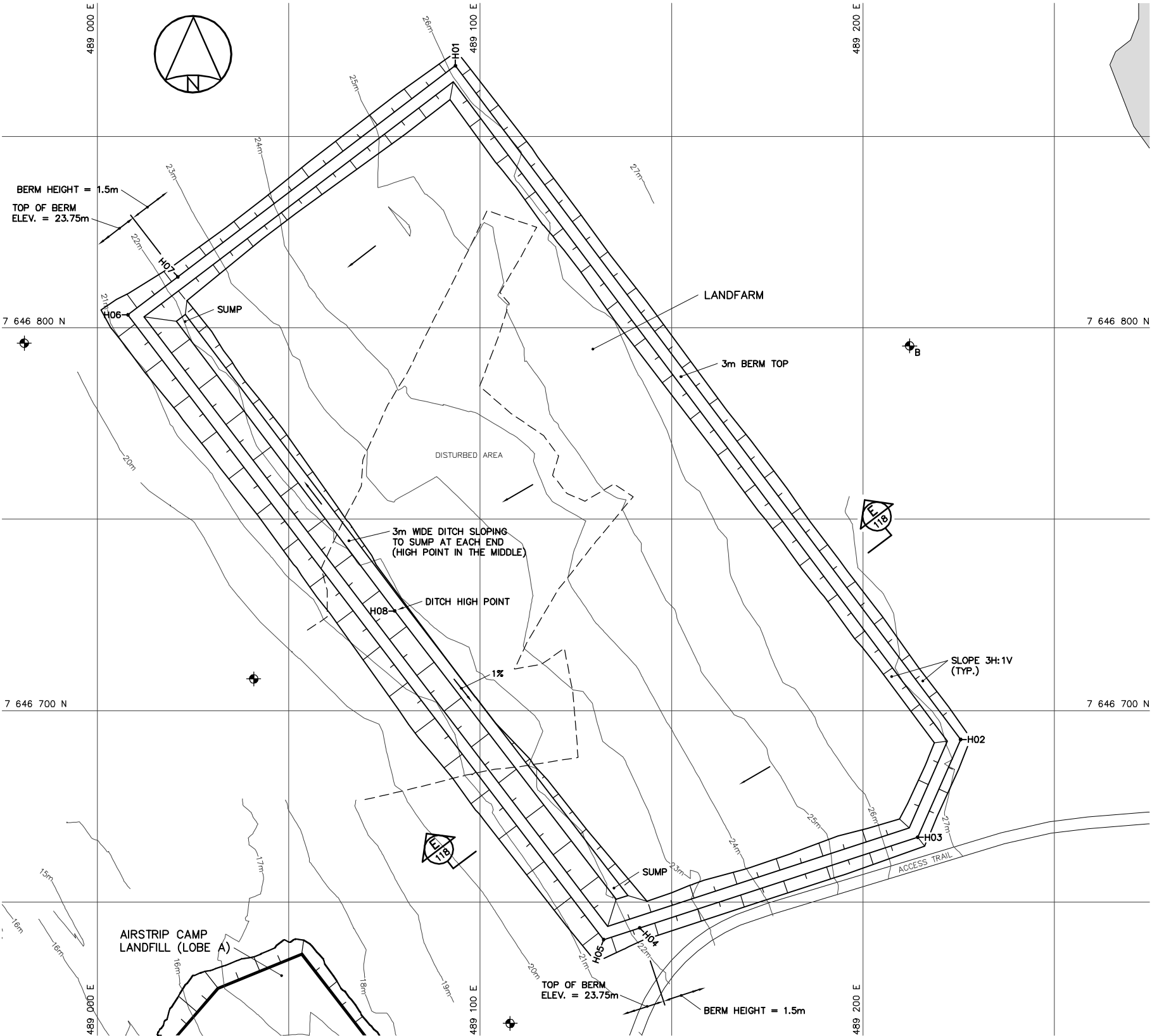
DESIGNED ETUDIE TME/BWF	DES OFF AGENT CONCEPT
DRAWN DESSINE CAE	SECT HD CHEF SECT
CHECKED VERIFIE RRM	DES MGR GEST CONCEPT
COORDINATION SMS	REVIEWED - REVU

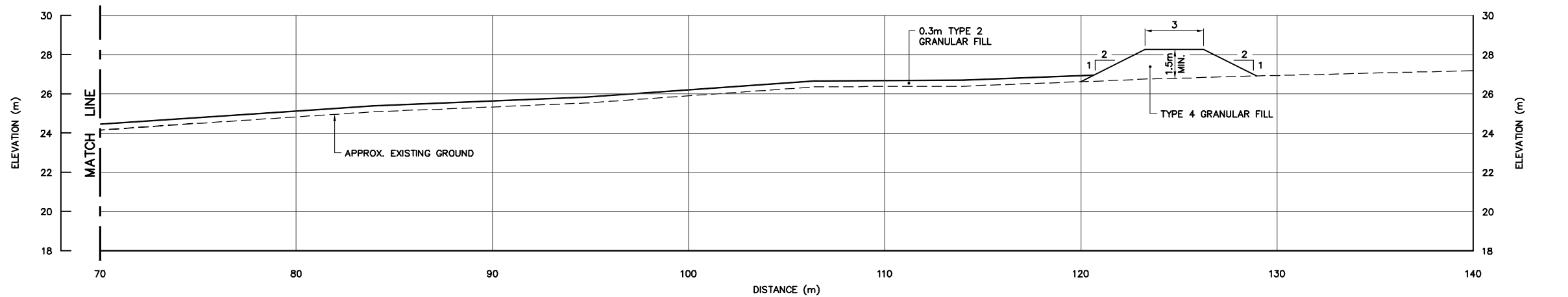
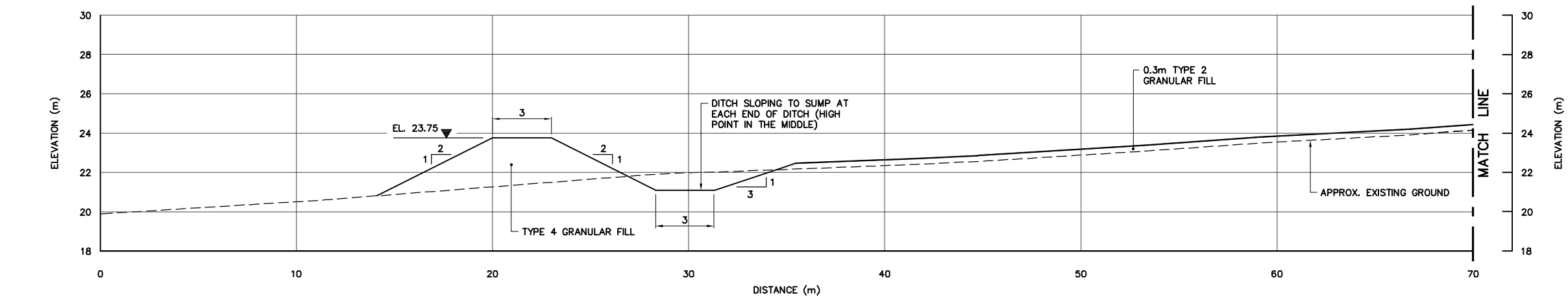
DWG. NO. - DESSIN NO.
H-L133/1-9101-117

Canada

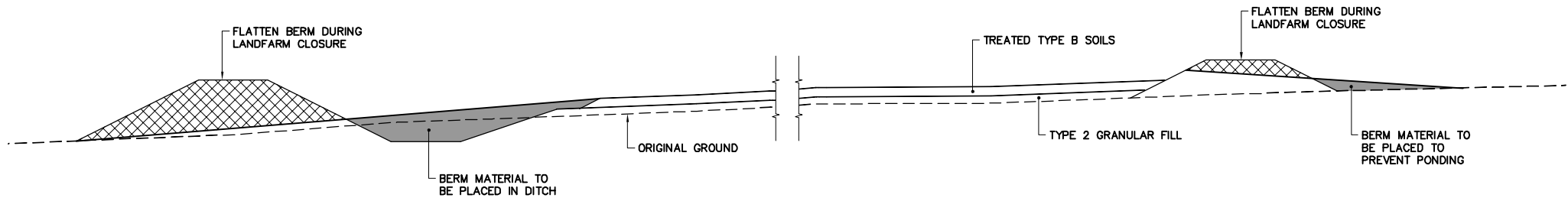
COORDINATE POINTS
LANDFARM

NO.	COORDINATES		ELEV.	NO.	COORDINATES		ELEV.
	NORTHING	EASTING			NORTHING	EASTING	
H01	7 646 868.5	489 093.5	N/A	H05	7 646 640.2	489 132.2	23.75
H02	7 646 692.5	489 225.5	N/A	H06	7 646 803.4	489 008.0	23.75
H03	7 646 666.9	489 214.3	N/A	H07	7 646 813.3	489 021.1	23.75
H04	7 646 643.3	489 141.7	23.75	H08	7 646 726.1	489 077.7	N/A





SECTION E
117



LANDFARM CLOSURE DETAIL



National
Défence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

DRAFT

UMA | AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2007-06-07

SUBJECT - SUJET
LANDFARM
CROSS SECTION AND
CLOSURE DETAIL

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-118

Canada



General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
4. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.
5. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED. MINIMUM 2% - MAXIMUM 4%.

Legend:

- J01 COORDINATE POINT
- PROPOSED MONITORING WELL LOCATION (3)
- B PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM

HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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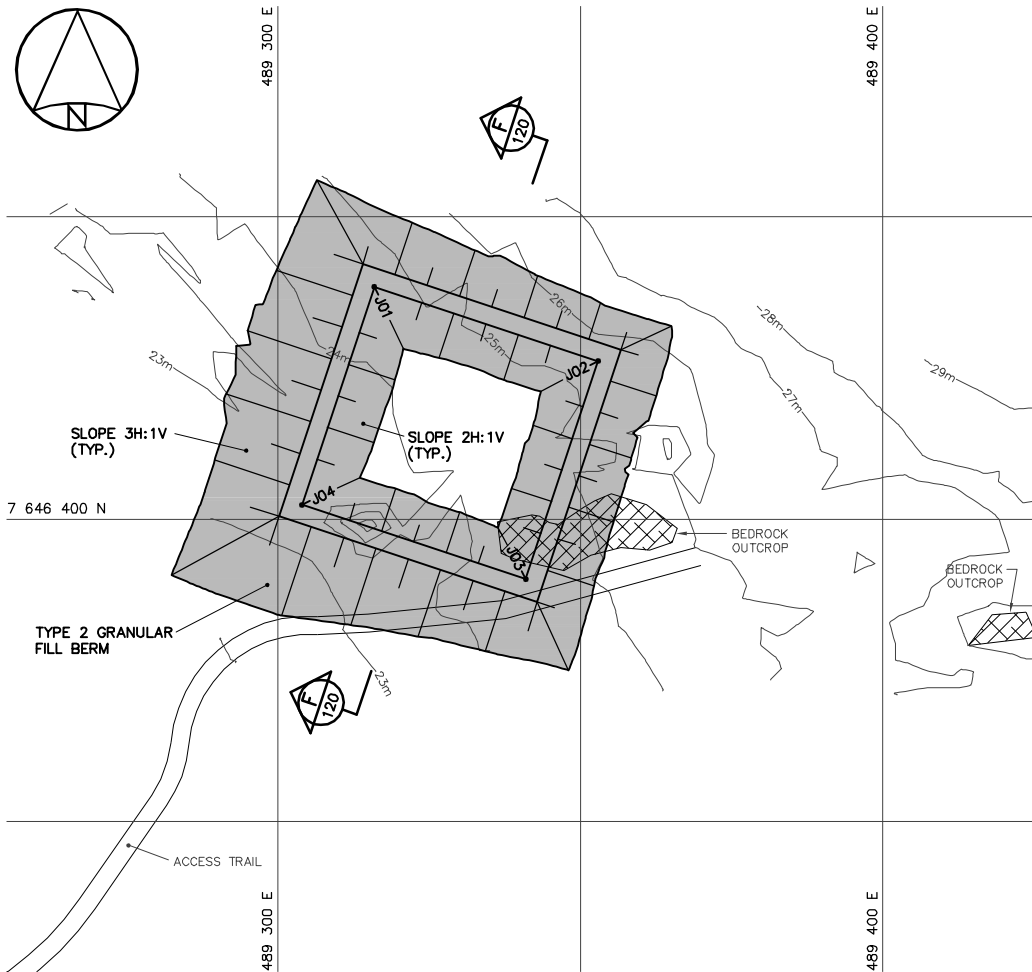
TRADE - METIER SITING DATE
2007-06-07

SUBJECT - SUJET
HANGAR NON-HAZARDOUS WASTE
LANDFILL BERM CONSTRUCTION
AND FINAL GRADING PLANS

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

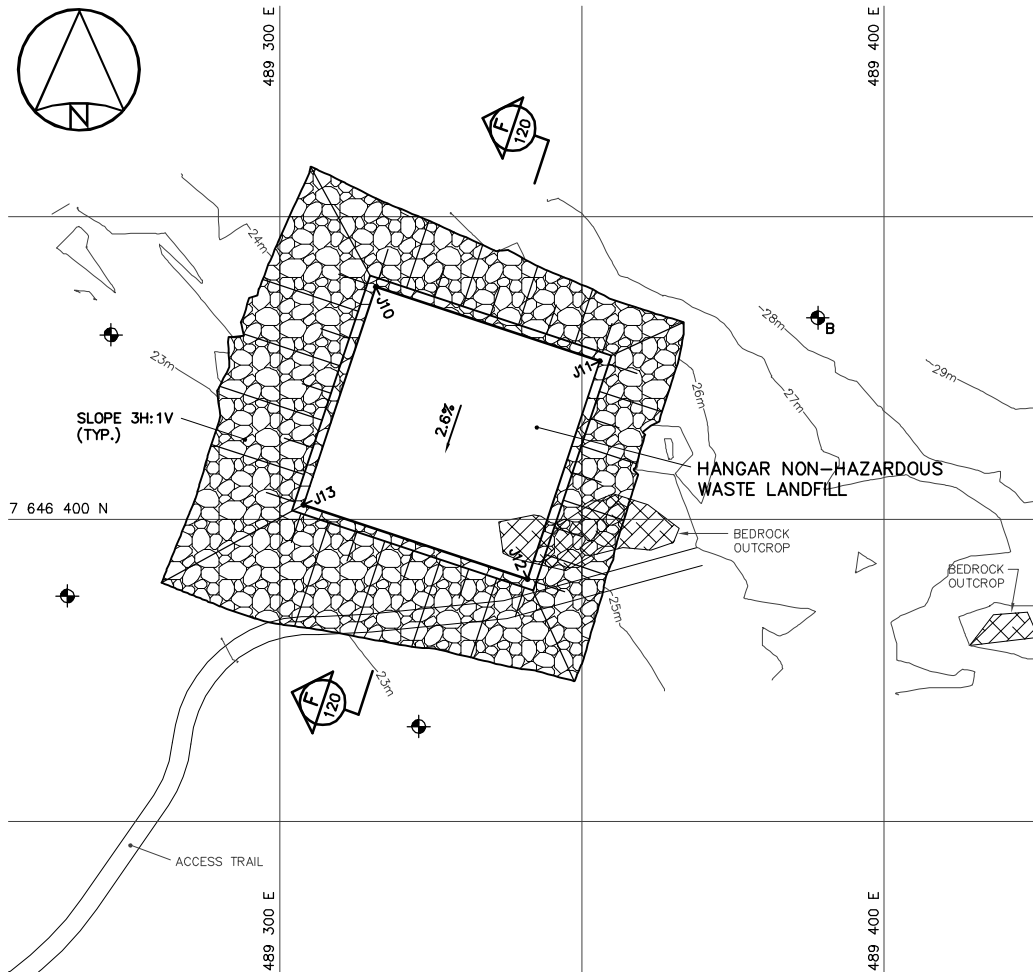
DWG. NO. - DESSIN NO.
H-L133/1-9101-119

Canada



BERM CONSTRUCTION PLAN

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
J01	7 646 438.4	489 315.9	28.5
J02	7 646 426.2	489 353.0	28.5
J03	7 646 390.1	489 341.0	27.5
J04	7 646 402.4	489 304.0	27.5



FINAL GRADING PLAN

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
J10	7 646 438.4	489 315.9	29.5
J11	7 646 426.2	489 353.0	29.5
J12	7 646 390.1	489 341.0	28.5
J13	7 646 402.4	489 304.0	28.5

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



Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED. MINIMUM 2% – MAXIMUM 4%.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM



SCALE – ECHELLE 2 1 0 2 4 6m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER SITING DATE 2007-06-07

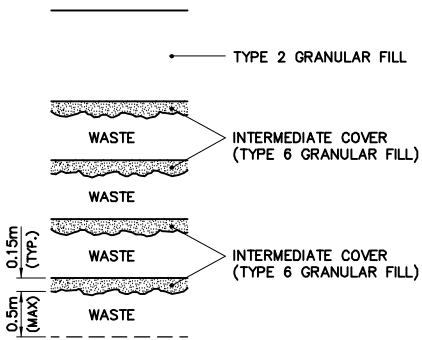
SUBJECT – SUJET
HANGAR
NON-HAZARDOUS WASTE LANDFILL
CROSS SECTION

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

DWG. NO. – DESSIN NO.
H-L133/1-9101-120

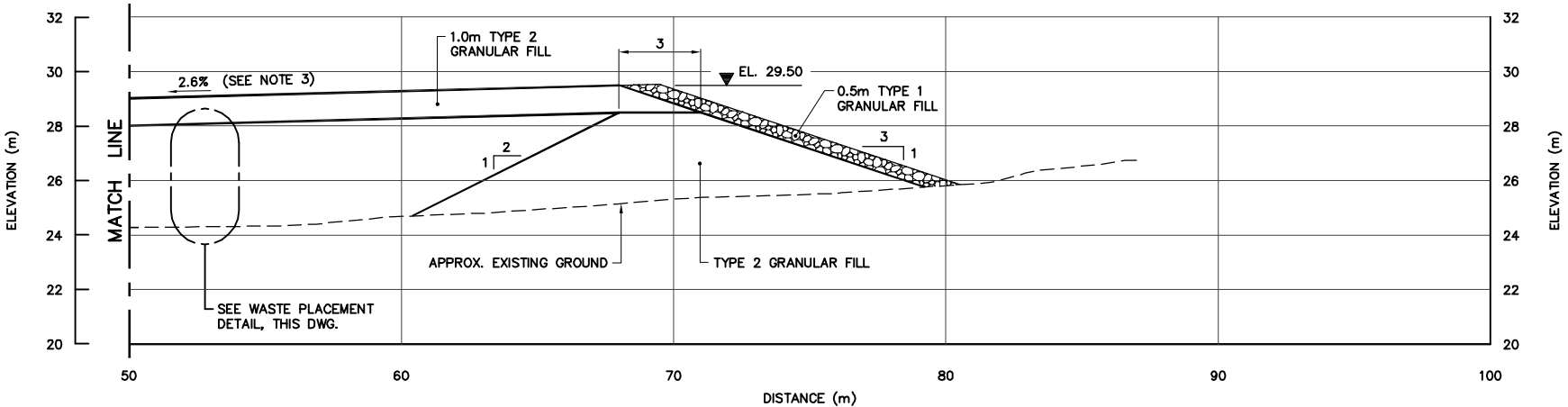
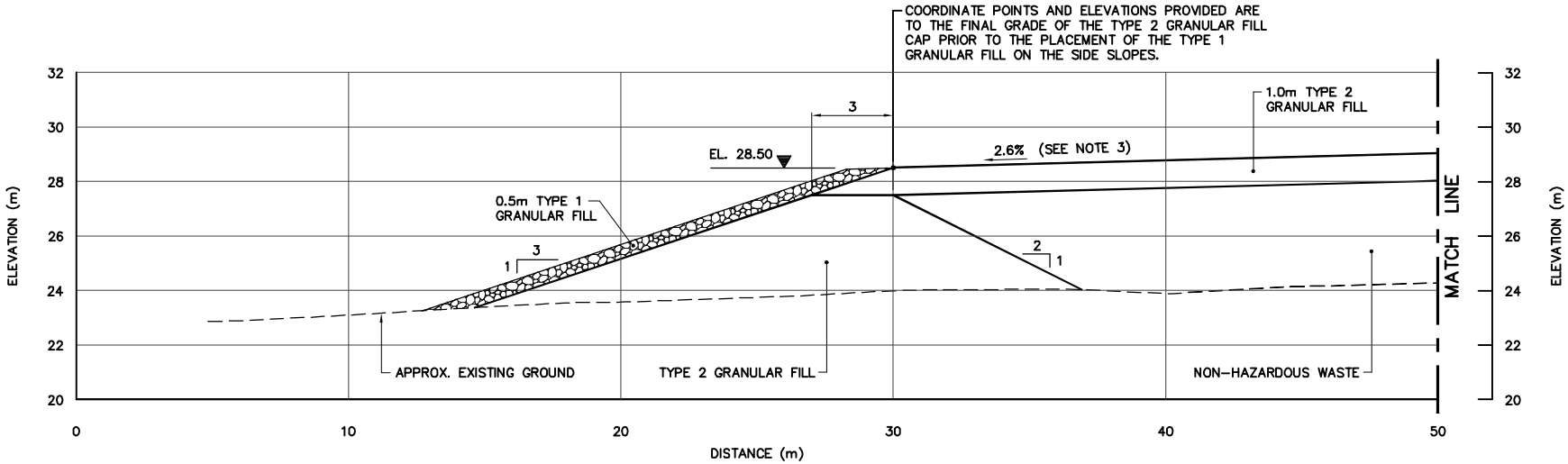
Canada

ADD ADDITIONAL WASTE LAYERS,
AS REQUIRED, TO ACHIEVE THE
NON-HAZARDOUS WASTE LANDFILL
DESIGN ELEVATIONS.



WASTE PLACEMENT DETAIL

N.T.S.








SECTION

F
119

General Notes:

- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL NON-HAZARDOUS DEBRIS FROM AREAS WEST OF THE BEACH POL TO BE PLACED IN THE HANGAR NON-HAZARDOUS WASTE LANDFILL AND ALL NON-HAZARDOUS DEBRIS FROM AREAS EAST OF THE BEACH POL TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.
- ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
- REGRADED SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

Legend:

- TEST PIT LOCATION
- DCC TIER I CONTAMINATED SOIL
- COORDINATE POINT
- BODY OF WATER
- LANDFILL/BURIED DEBRIS EXCAVATION AREA

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 10 5 0 10 20 30m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER SITING DATE
2007-06-07

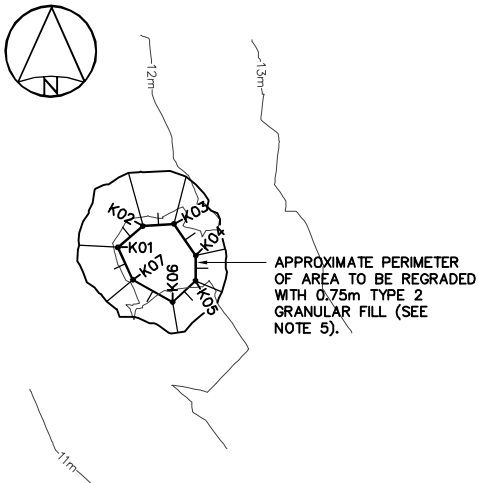
SUBJECT – SUJET
WEST BEACH AREA
REGRADED AND EXCAVATION
DETAILS

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

DWG. NO. – DESSIN NO.
H-L133/1-9101-121

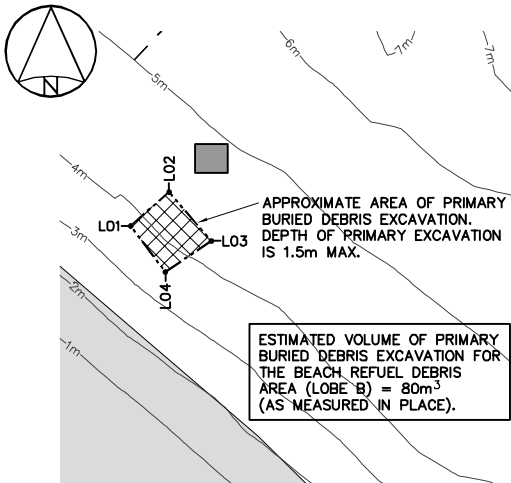
Canada

COORDINATE POINTS LOBE A REGRADED		
NO.	COORDINATES	
	NORTHING	EASTING
K01	7 644 422.5	490 853.9
K02	7 644 426.0	490 858.0
K03	7 644 426.3	490 863.2
K04	7 644 421.1	490 866.8
K05	7 644 416.9	490 866.7
K06	7 644 413.4	490 862.9
K07	7 644 417.1	490 856.4



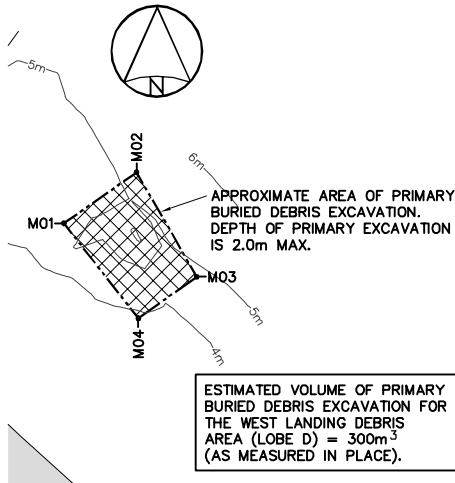
BEACON DEBRIS AREA LOBE A
(DWG. 103)

COORDINATE POINTS LOBE B EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
L01	7 643 564.6	491 467.6
L02	7 643 570.2	491 473.9
L03	7 643 562.1	491 480.9
L04	7 643 557.0	491 473.3



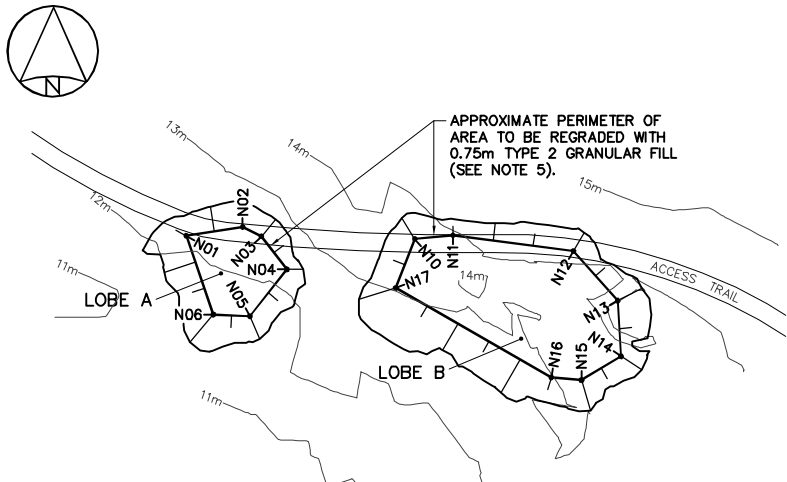
BEACH REFUEL DEBRIS AREA LOBE B
(DWG. 107)

COORDINATE POINTS LOBE D EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
M01	7 643 268.1	491 826.1
M02	7 643 276.5	491 838.1
M03	7 643 259.3	491 848.0
M04	7 643 252.4	491 838.4



WEST LANDING DEBRIS AREA LOBE D
(DWG. 107)

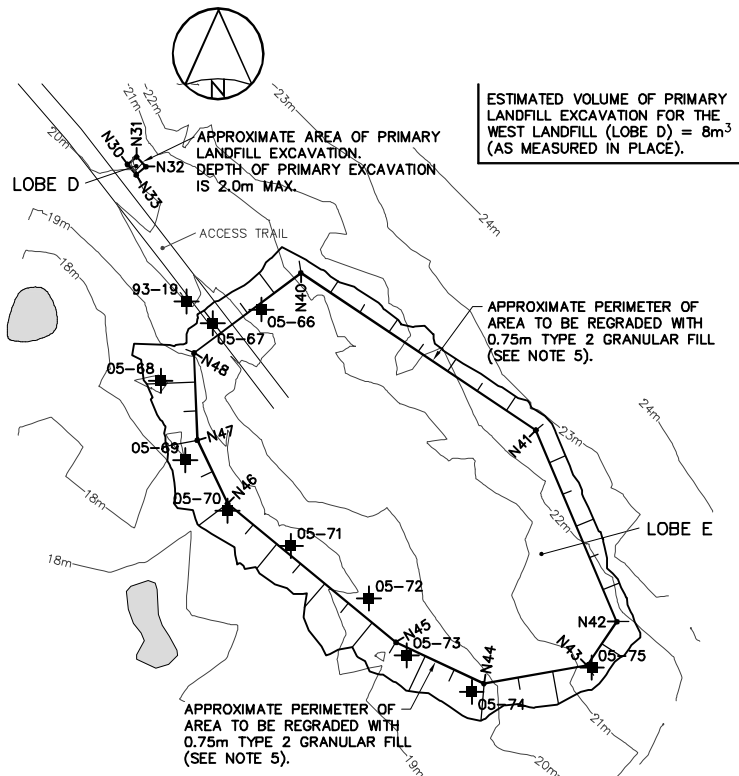
COORDINATE POINTS LOBE A AND LOBE B REGRADED					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
N01	7 642 999.8	492 168.6	N10	7 642 999.3	492 206.4
N02	7 643 001.3	492 177.9	N11	7 642 999.9	492 212.6
N03	7 642 999.8	492 181.0	N12	7 642 997.3	492 232.6
N04	7 642 994.3	492 185.2	N13	7 642 989.1	492 239.9
N05	7 642 986.5	492 179.1	N14	7 642 979.9	492 240.5
N06	7 642 986.8	492 173.0	N15	7 642 976.0	492 233.9
			N16	7 642 976.4	492 228.9
			N17	7 642 991.2	492 203.2



WEST LANDFILL
(DWG. 108)

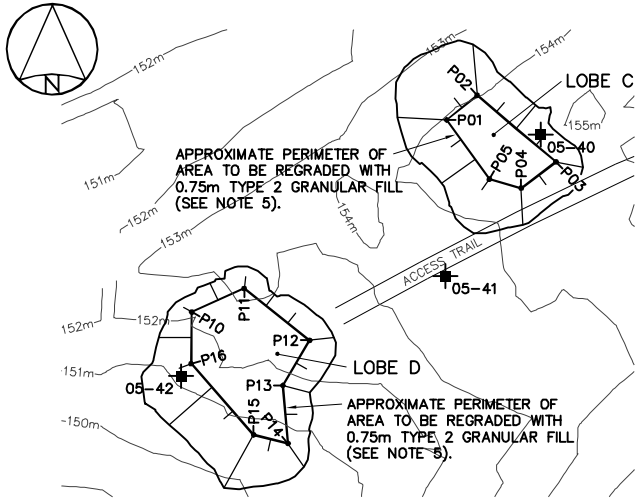
COORDINATE POINTS LOBE D EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
N30	7 642 834.0	492 477.3
N31	7 642 835.2	492 478.9
N32	7 642 833.6	492 480.4
N33	7 642 832.3	492 478.8

COORDINATE POINTS LOBE E REGRADED		
NO.	COORDINATES	
	NORTHING	EASTING
N40	7 642 816.0	492 506.0
N41	7 642 790.1	492 544.9
N42	7 642 758.4	492 558.3
N43	7 642 751.2	492 553.4
N44	7 642 748.1	492 536.3
N45	7 642 755.0	492 521.7
N46	7 642 777.9	492 493.9
N47	7 642 788.4	492 488.9
N48	7 642 802.8	492 488.4



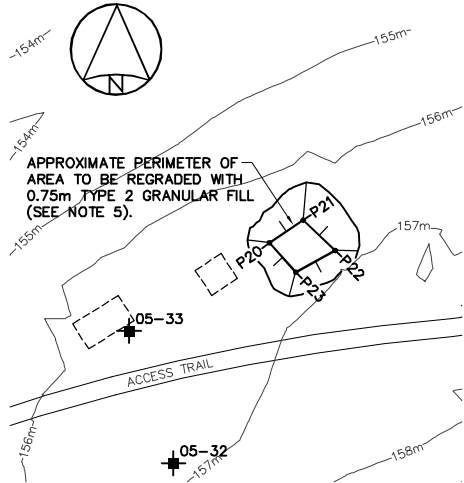
WEST LANDFILL
(DWG. 108)

COORDINATE POINTS LOBE C AND LOBE D REGRADING					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
P01	7 643 133.5	493 824.8	P10	7 643 101.7	493 782.6
P02	7 643 137.5	493 829.8	P11	7 643 105.6	493 791.3
P03	7 643 126.5	493 842.8	P12	7 643 097.1	493 802.1
P04	7 643 122.2	493 837.1	P13	7 643 089.6	493 797.7
P05	7 643 123.7	493 831.8	P14	7 643 080.0	493 798.5
			P15	7 643 081.5	493 792.9
			P16	7 643 093.2	493 782.5



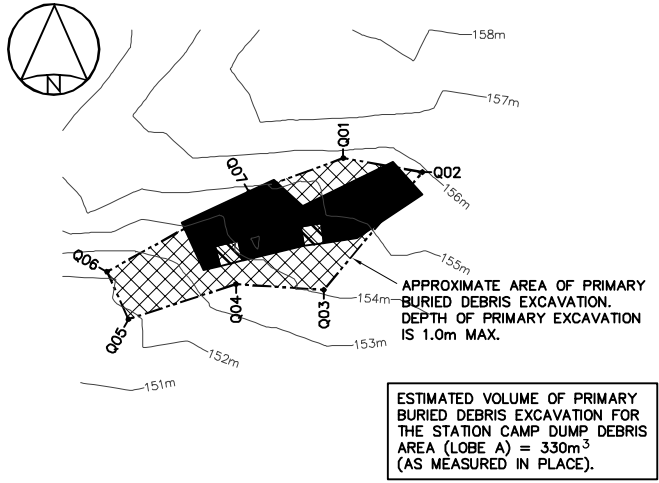
STATION CAMP DEBRIS AREA
(DWG. 109)

COORDINATE POINTS LOBE A REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
P20	7 643 166.1	493 928.2
P21	7 643 169.9	493 933.7
P22	7 643 164.9	493 939.0
P23	7 643 161.3	493 932.5



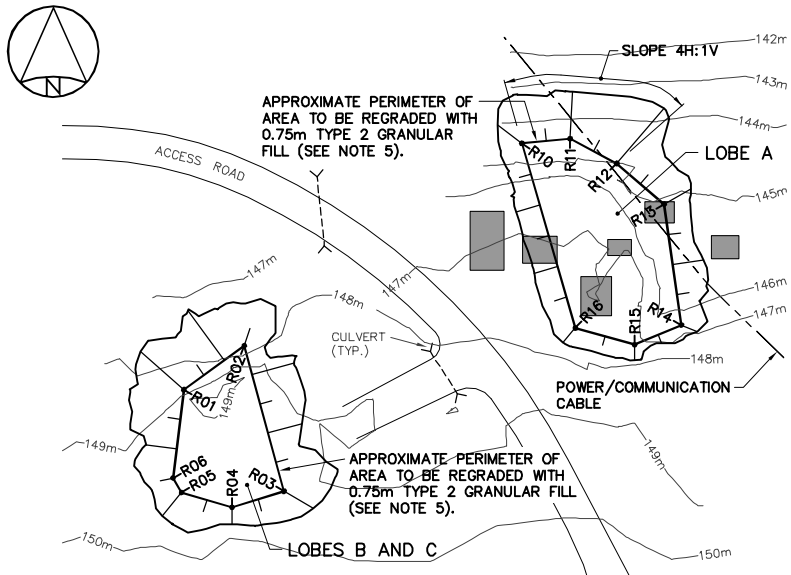
STATION CAMP DEBRIS AREA LOBE A
(DWG. 109)

COORDINATE POINTS LOBE A EXCAVATION					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
Q01	7 643 065.1	493 896.8	Q05	7 643 038.5	493 861.3
Q02	7 643 062.8	493 909.9	Q06	7 643 046.3	493 857.8
Q03	7 643 043.3	493 893.6	Q07	7 643 059.5	493 881.3
Q04	7 643 044.3	493 879.1			



STATION CAMP DUMP LOBE A
(DWG. 109)

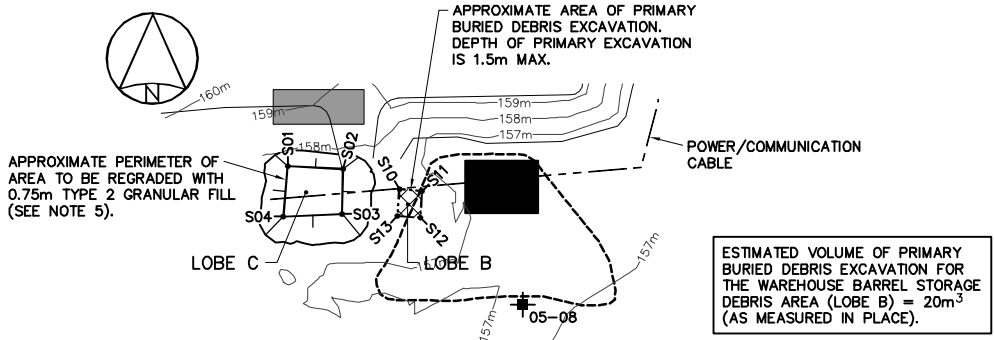
COORDINATE POINTS LOBE A, LOBE B AND LOBE C REGRADING					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
R01	7 643 308.2	494 041.9	R10	7 643 348.9	494 097.7
R02	7 643 315.4	494 051.8	R11	7 643 349.6	494 105.7
R03	7 643 291.4	494 058.4	R12	7 643 345.5	494 113.4
R04	7 643 288.7	494 049.8	R13	7 643 338.8	494 121.2
R05	7 643 291.2	494 041.5	R14	7 643 318.8	494 124.1
R06	7 643 293.5	494 040.0	R15	7 643 315.6	494 116.4
			R16	7 643 318.3	494 106.6



INUIT HOUSE DEBRIS AREA
(DWG. 110)

COORDINATE POINTS LOBE C REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
S01	7 643 130.6	494 133.0
S02	7 643 130.2	494 142.1
S03	7 643 122.7	494 142.0
S04	7 643 122.3	494 132.2

COORDINATE POINTS LOBE B EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
S10	7 643 126.9	494 151.4
S11	7 643 126.5	494 155.2
S12	7 643 122.2	494 154.9
S13	7 643 122.4	494 151.1



WAREHOUSE BARREL STORAGE DEBRIS AREA
(DWG. 110)

National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN THE STATION AREA NON-HAZARDOUS WASTE LANDFILL.

4. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

5. REGRADED SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

Legend:

TEST PIT LOCATION

DCC TIER I CONTAMINATED SOIL

DCC TIER II CONTAMINATED SOIL

HYDROCARBON – TYPE B CONTAMINATED SOIL

HAZARDOUS CONTAMINATED SOIL

COORDINATE POINT

LANDFILL/BURIED DEBRIS EXCAVATION AREA

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE – ECHELLE

10

5

0

10

20

30m

PROJECT – PROJET

FOX-2

LONGSTAFF BLUFF

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE – METIER

SITING

DATE

2007-06-07

SUBJECT – SUJET

STATION AREA
REGRADING AND EXCAVATION
DETAILS

PRODUCTION

CONCURRENCE – ASSENTIMENT

DESIGNED
ETUDIE
TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE
CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE
RRM

DES MGR
GEST CONCEPT

COORDINATION
SMS

REVIEWED – REVU

DWG. NO. – DESSIN NO.
H-L133/1-9101-122

Canada

General Notes:

- ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
- FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

Legend:

- DCG TIER I CONTAMINATED SOIL
- DCG TIER II CONTAMINATED SOIL
- HYDROCARBON – TYPE B CONTAMINATED SOIL
- COORDINATE POINT
- PROPOSED MONITORING WELL LOCATION (3)
- PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 10 5 0 10 20 30m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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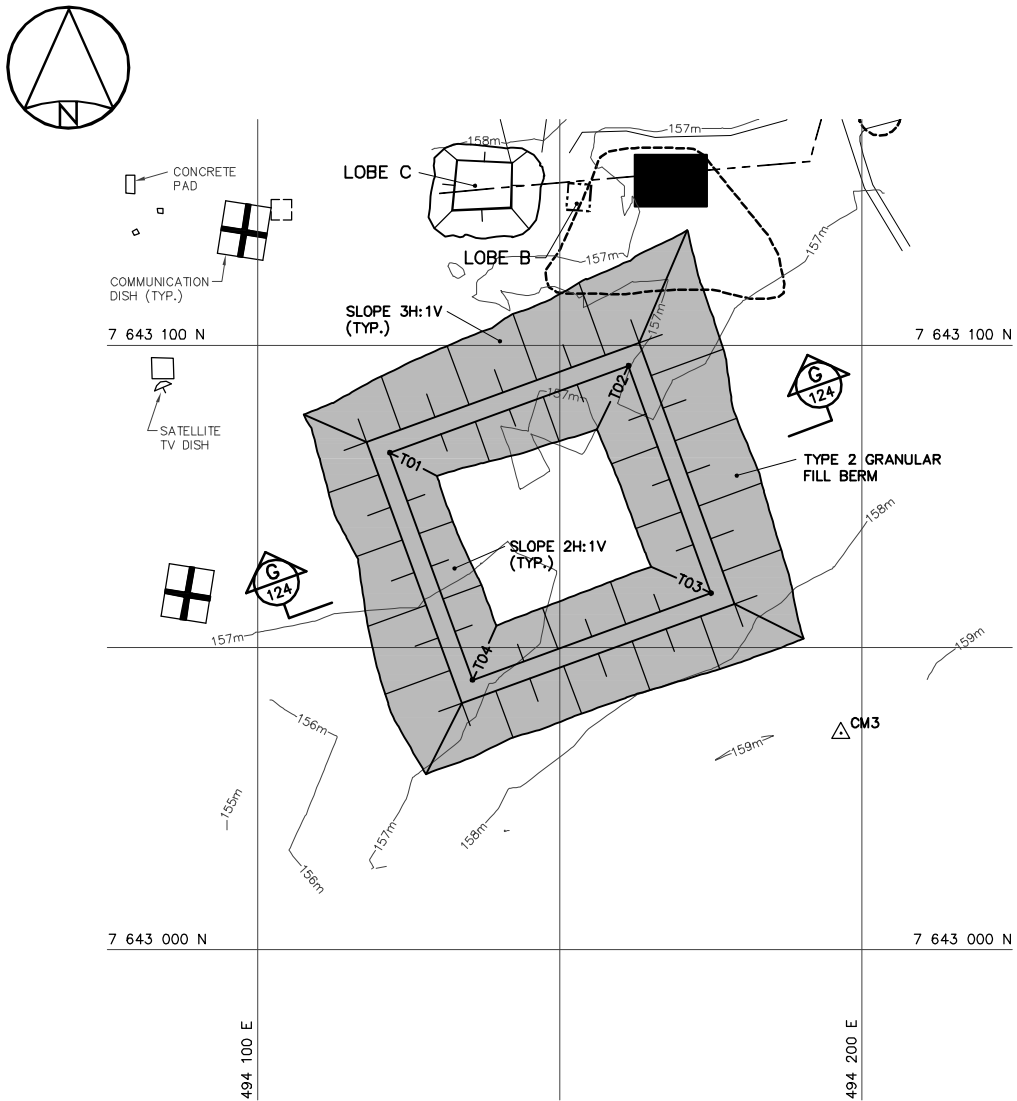
TRADE – METIER SITING DATE 2007-06-07

SUBJECT – SUJET
STATION AREA NON-HAZARDOUS
WASTE LANDFILL BERM CONSTRUCTION
AND FINAL GRADING PLANS

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

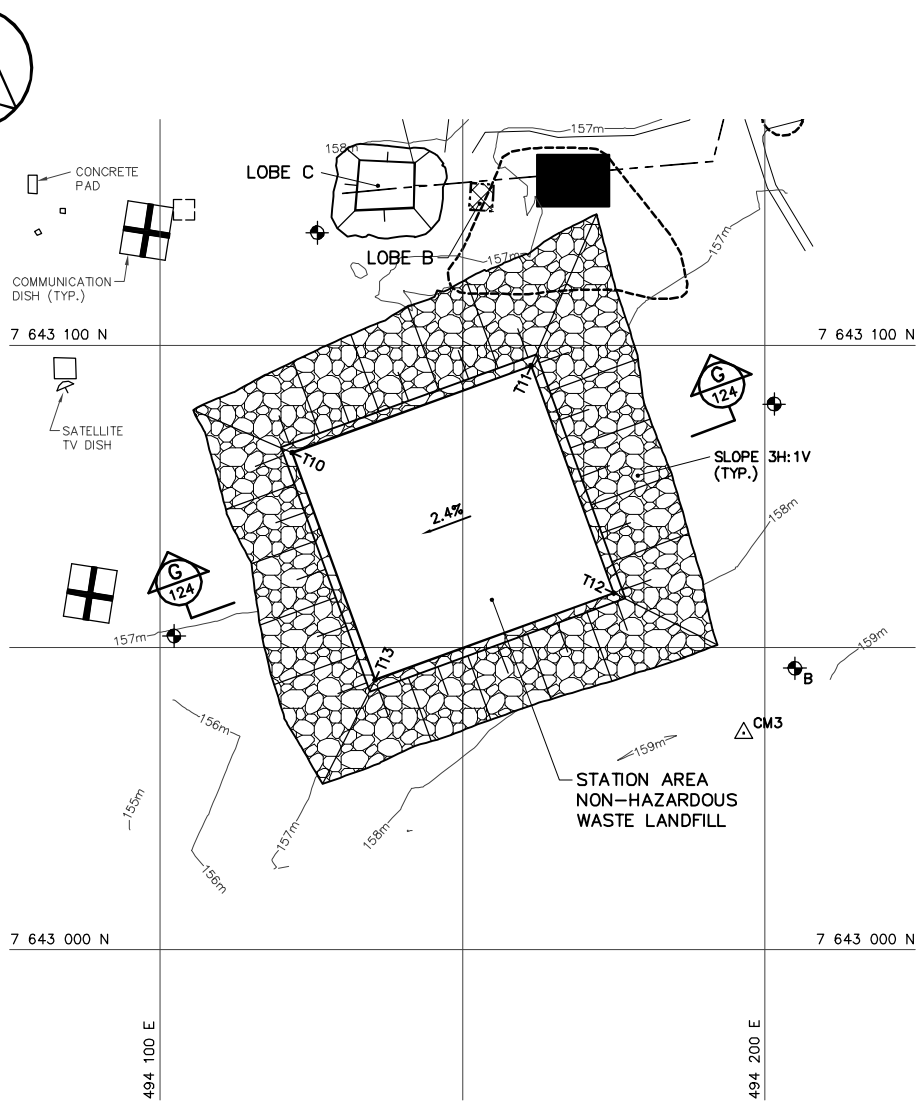
DWG. NO. – DESSIN NO.
H-L133/1-9101-123

Canada



BERM CONSTRUCTION PLAN

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
T01	7 643 082.2	494 121.9	160.25
T02	7 643 096.6	494 161.4	161.25
T03	7 643 059.0	494 175.0	161.25
T04	7 643 044.6	494 135.6	160.25



FINAL GRADING PLAN

NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
T10	7 643 082.2	494 121.9	161.25
T11	7 643 096.6	494 161.4	162.25
T12	7 643 059.0	494 175.0	162.25
T13	7 643 044.6	494 135.6	161.25

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



Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED. MINIMUM 2% – MAXIMUM 4%.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 2 1 0 2 4 6m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER SITING DATE 2007-06-07

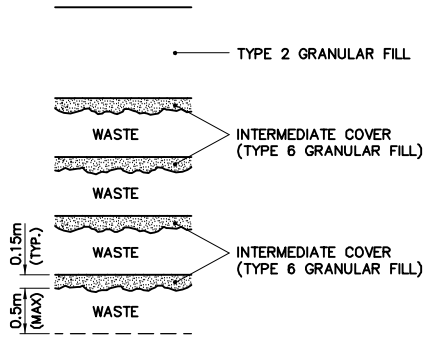
SUBJECT – SUJET
STATION AREA
NON-HAZARDOUS WASTE LANDFILL
CROSS SECTION

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

DWG. NO. – DESSIN NO.
H-L133/1-9101-124

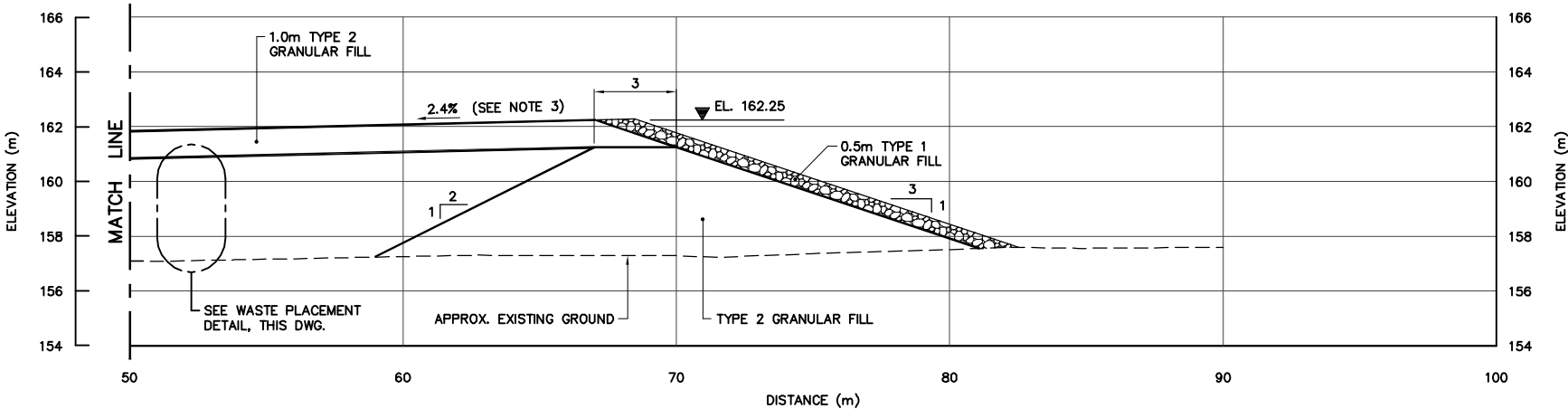
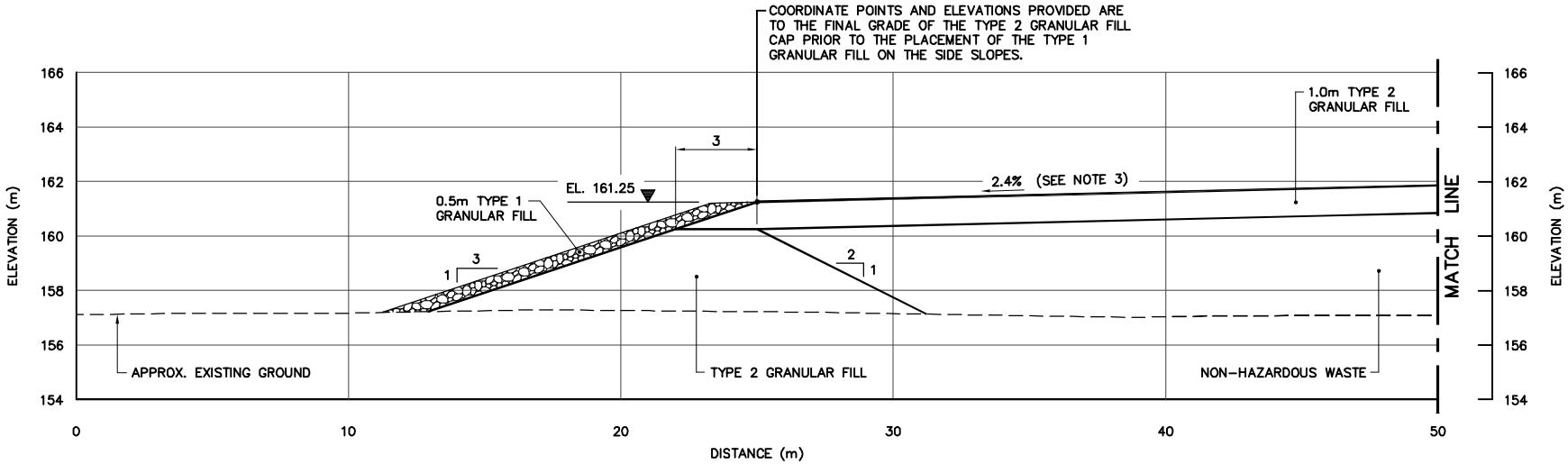
Canada

ADD ADDITIONAL WASTE LAYERS,
AS REQUIRED, TO ACHIEVE THE
NON-HAZARDOUS WASTE LANDFILL
DESIGN ELEVATIONS.



WASTE PLACEMENT DETAIL

N.T.S.



SECTION

G
123



General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
4. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.
5. FOR GROUND TEMPERATURE CABLE INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-131. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
6. EXCAVATE KEY TRENCH TO SATURATED GROUND, ICE SATURATED PERMAFROST OR SOUND BEDROCK. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE ENGINEER.

Legend:

- TEST PIT LOCATION
- COORDINATE POINT
- VERTICAL GROUND TEMPERATURE CABLE INSTALLATION (4)
- PROPOSED MONITORING WELL LOCATION (3)
- PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2007-06-07

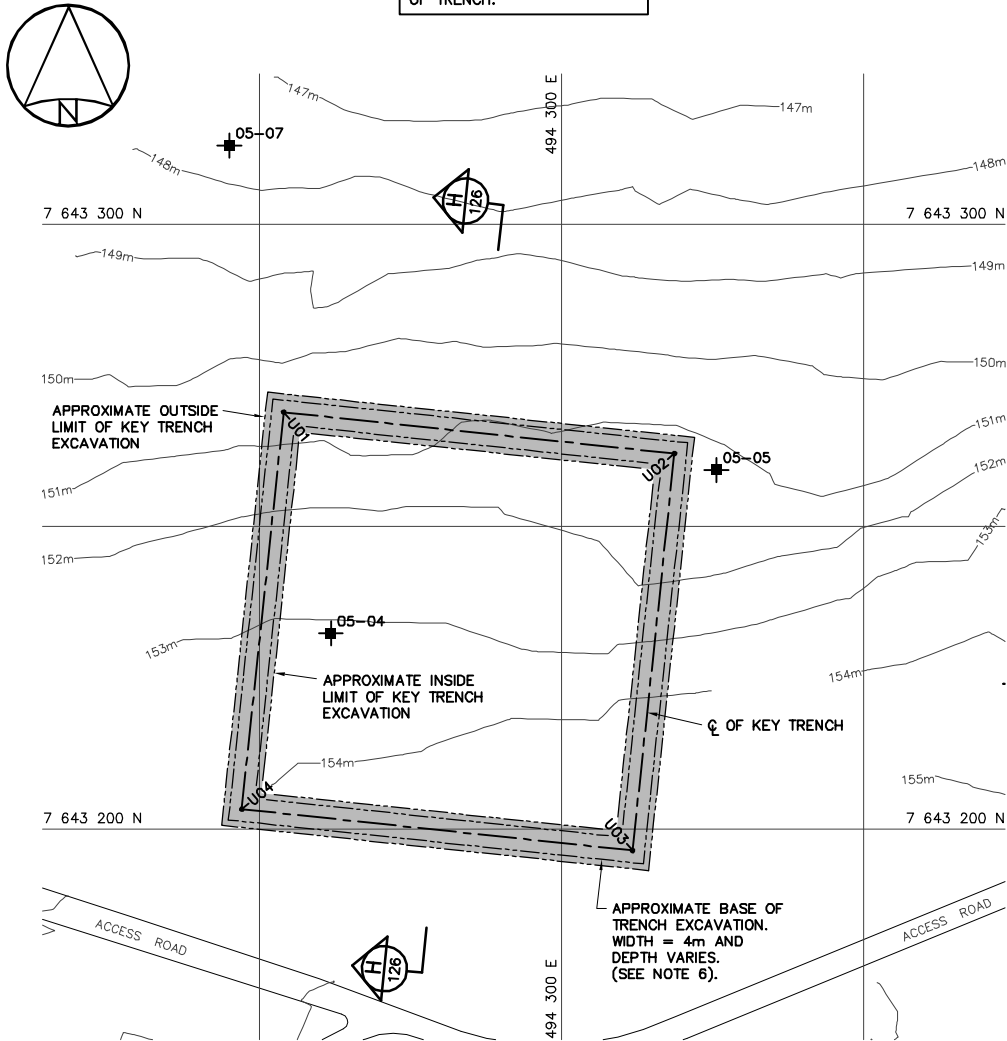
SUBJECT - SUJET
TIER II DISPOSAL FACILITY
KEY TRENCH EXCAVATION PLAN &
GRADING/INSTRUMENTATION PLAN

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-125

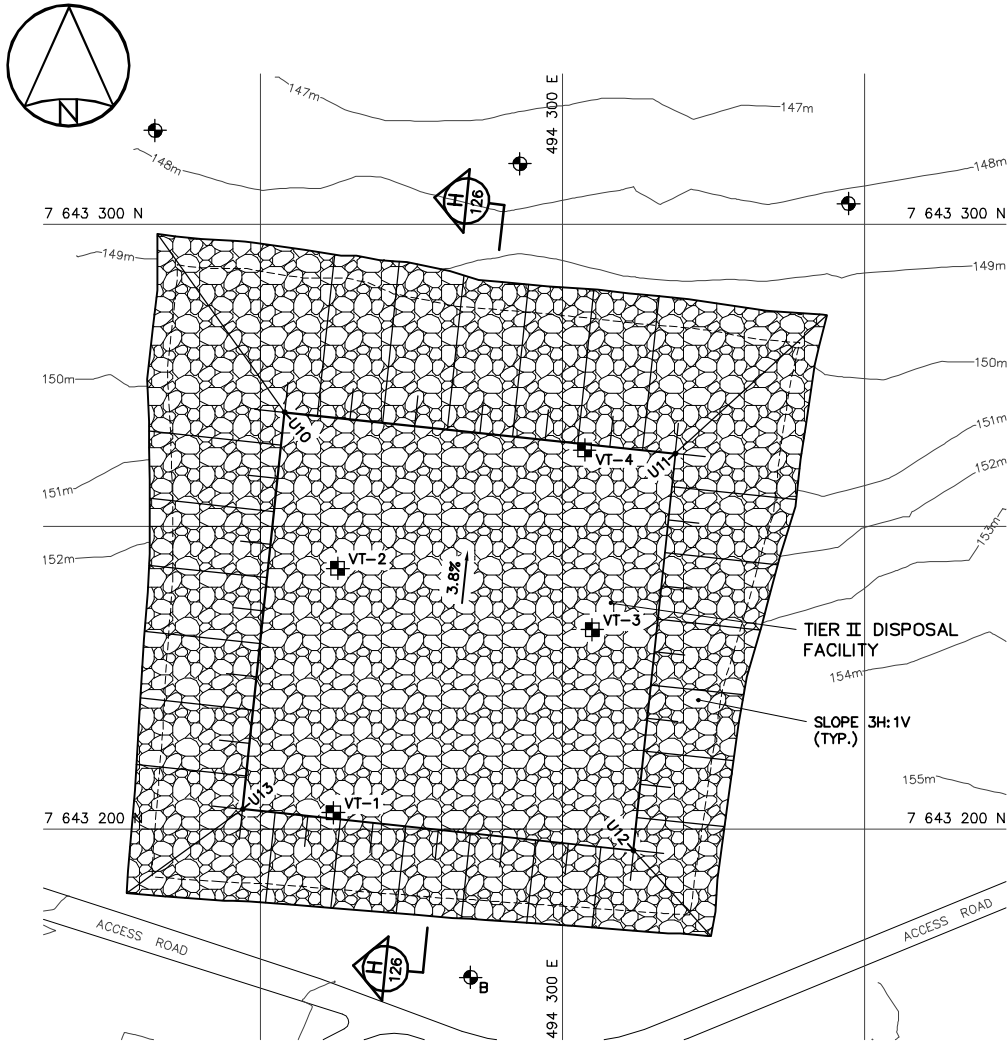
Canada

NOTE:
BEDROCK TREATMENT FOR KEY
TRENCH EXPECTED TO BE
REQUIRED FOR ENTIRE LENGTH
OF TRENCH.



KEY TRENCH EXCAVATION PLAN

COORDINATE POINTS KEY TRENCH EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
U01	7 643 268.9	494 254.0
U02	7 643 262.1	494 318.7
U03	7 643 196.4	494 311.7
U04	7 643 203.3	494 247.1



GRADING/INSTRUMENTATION PLAN

COORDINATE POINTS FINAL LANDFILL SURFACE			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
U10	7 643 268.9	494 254.0	157.75
U11	7 643 262.1	494 318.7	157.75
U12	7 643 196.4	494 311.7	160.25
U13	7 643 203.3	494 247.1	160.25

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED. MINIMUM 2% – MAXIMUM 5%.
4. TYPE 6 INTERMEDIATE FILL ONLY REQUIRED FOR LANDFILLING OF ORGANIC OR WET SOILS, AS DIRECTED BY THE ENGINEER.
5. EXCAVATE KEY TRENCH TO SATURATED GROUND, ICE SATURATED PERMAFROST OR SOUND BEDROCK. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE ENGINEER.
6. PROTECT GEOMEMBRANE LINERS DURING CONSTRUCTION.
7. TYPE 2 GRANULAR FILL PLACED OUTSIDE OF THE TYPE 4 GRANULAR FILL BERMS TO BE PLACED SIMULTANEOUSLY WITH THE TYPE 4 FILL TO PROVIDE STABILITY AND PROTECTION DURING CONSTRUCTION.
8. COVER FINAL LAYER OF TIER CONTAMINATED SOIL WITH TYPE 6 GRANULAR FILL TO PROVIDE LEVEL SURFACE, AS DIRECTED BY THE ENGINEER.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 2 1 0 2 4 6m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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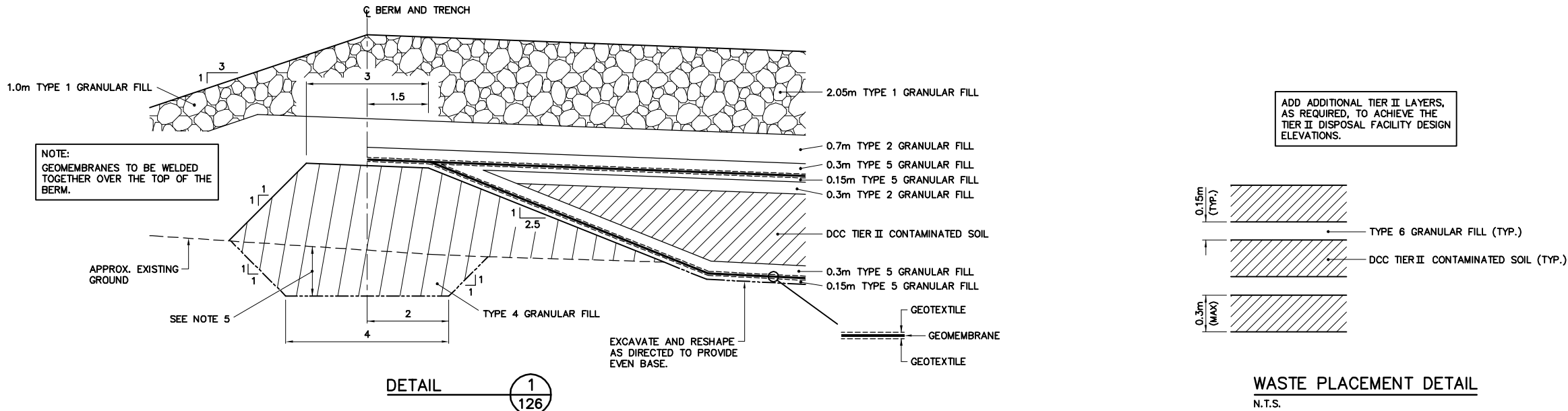
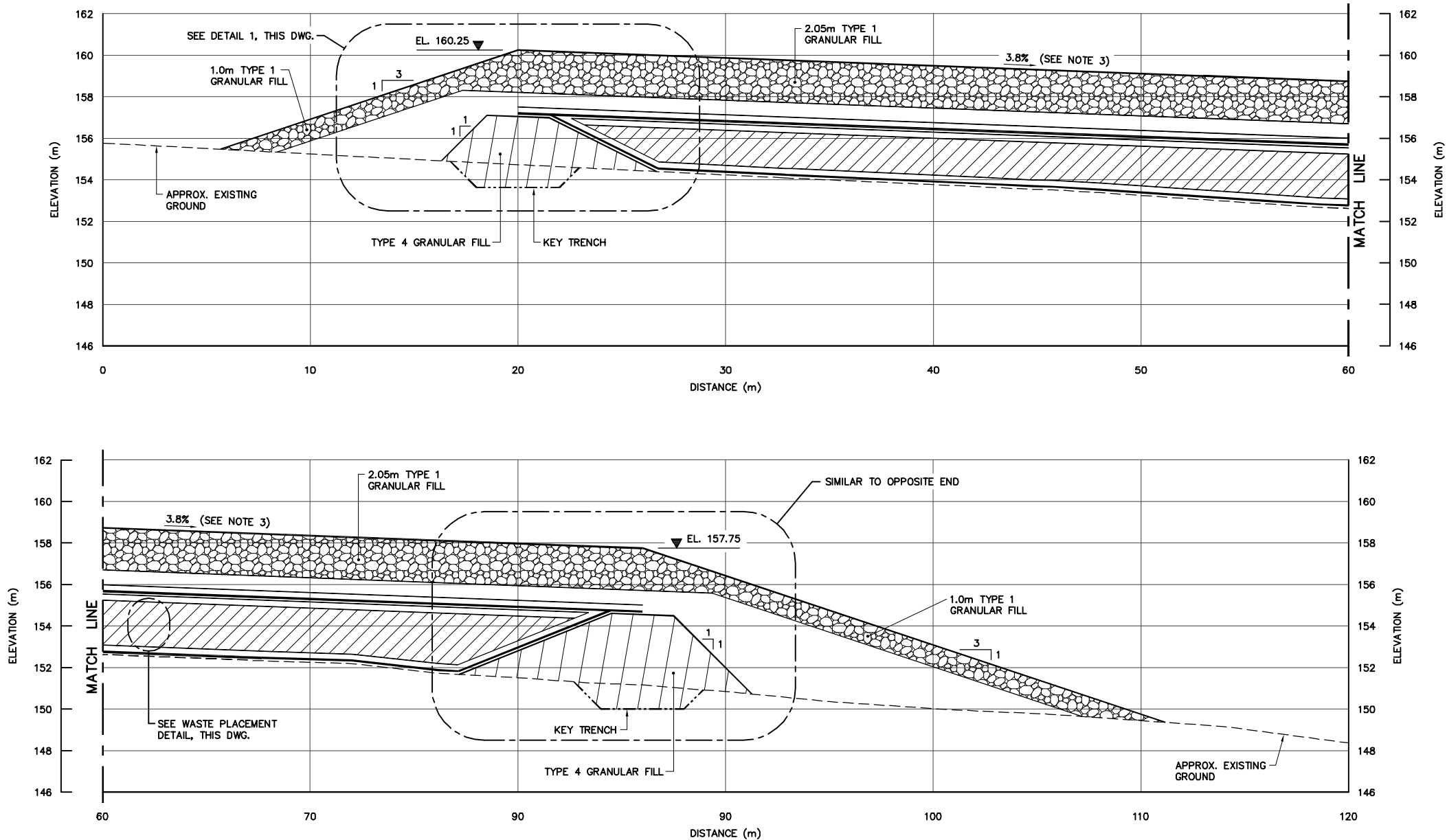
TRADE – METIER SITING DATE
2007-06-07

TIER II DISPOSAL FACILITY
CROSS SECTION AND DETAIL

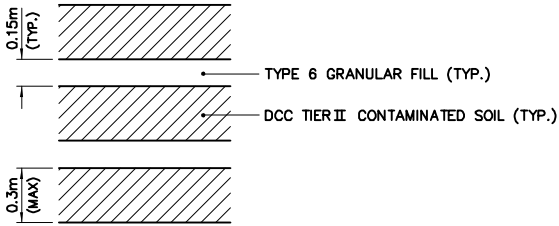
PRODUCTION		CONCURRENCE – ASSENTIMENT	
DESIGNED ETUDIE	TME/BWF	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION SMS		REVIEWED – REVU	

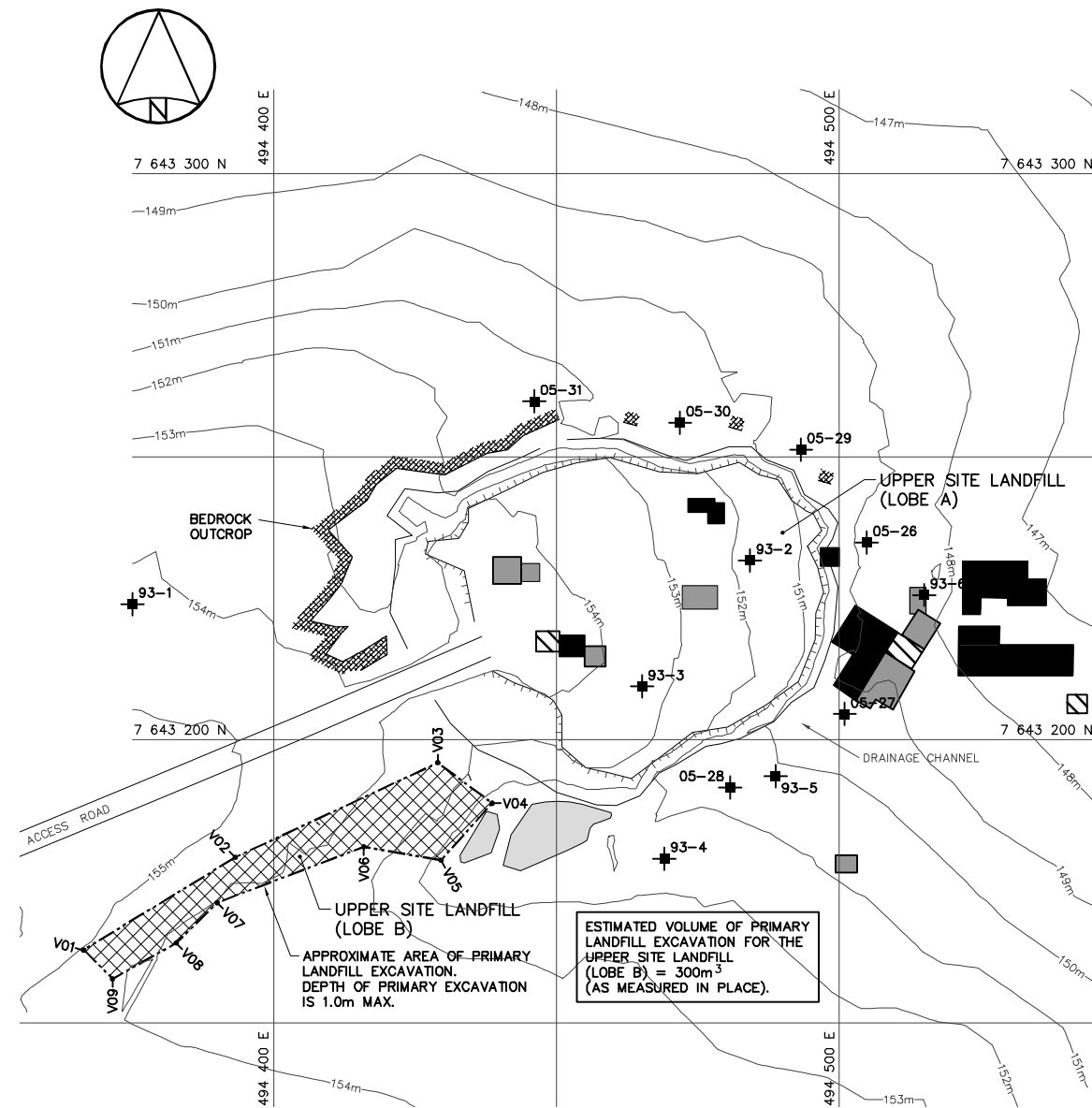
DWG. NO. – DESSIN NO.
H-L133/1-9101-126

Canada



ADD ADDITIONAL TIER II LAYERS,
AS REQUIRED, TO ACHIEVE THE
TIER II DISPOSAL FACILITY DESIGN
ELEVATIONS.



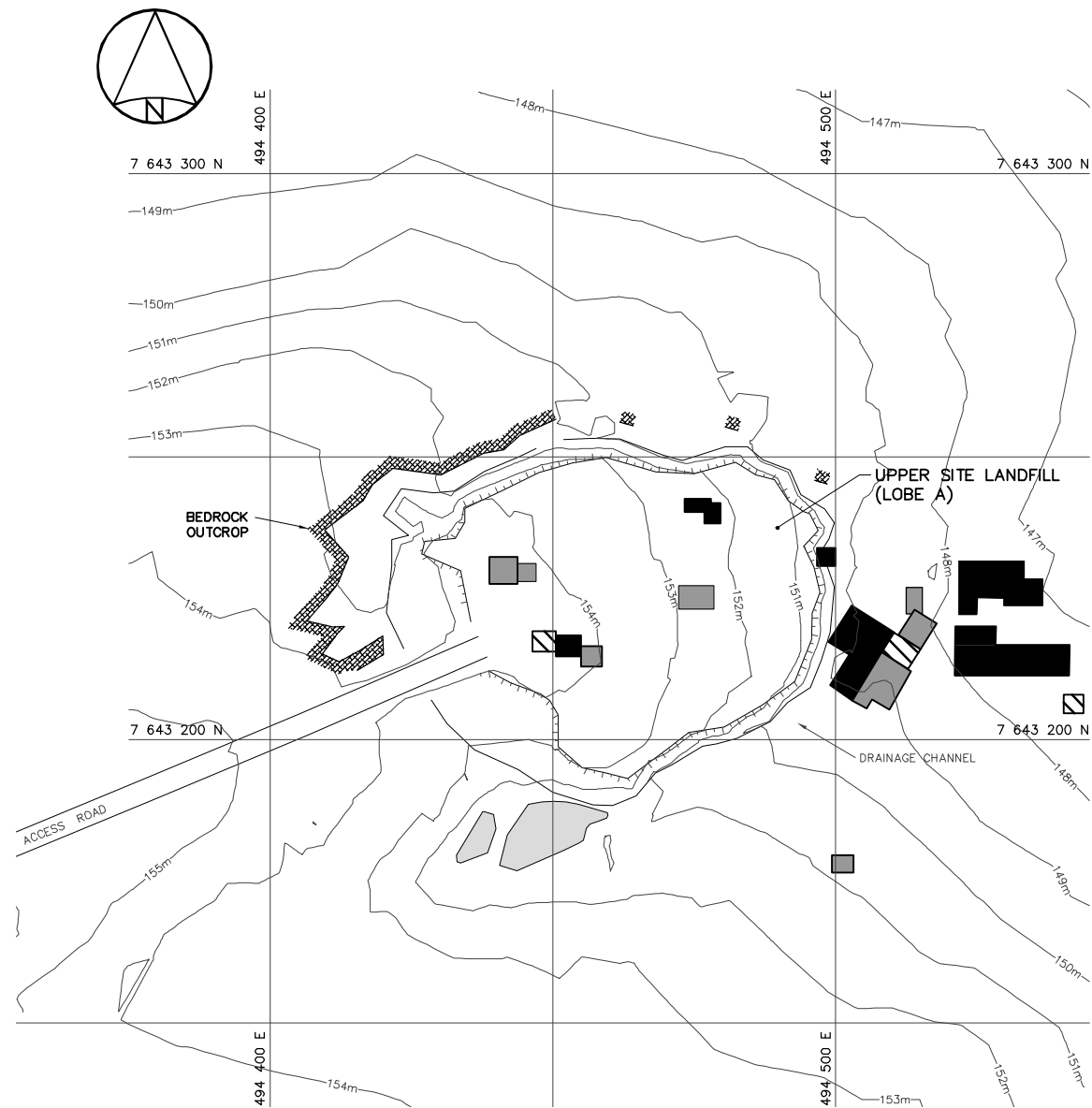


KEY TRENCH/EXCAVATION PLAN

COORDINATE POINTS BURIED DEBRIS EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
V01	7 643 162.9	494 366.5
V02	7 643 179.2	494 393.2
V03	7 643 195.9	494 429.0
V04	7 643 188.8	494 438.6
V05	7 643 178.7	494 429.6
V06	7 643 181.1	494 416.0
V07	7 643 171.2	494 390.0
V08	7 643 164.1	494 382.8
V09	7 643 157.8	494 371.5

COORDINATE POINTS KEY TRENCH EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
V10	7 643 2	494 4
V11	7 643 2	494 4
V12	7 643 2	494 4
V13	7 643 2	494 4
V14	7 643 2	494 4
V15	7 643 2	494 4
V16	7 643 2	494 4
V17	7 643 2	494 4
V18	7 643 2	494 4

PROPOSED LEACHATE CONTAINMENT
DESIGN TO BE CONFIRMED



GRADING/INSTRUMENTATION PLAN

COORDINATE POINTS FINAL LANDFILL SURFACE			
NO.	COORDINATES		ELEV.
	NORTHING	EASTING	
X	7 646	490	X

National
Défense

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

4. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-132. LOCATIONS TO BE FIELD APPROVED BY THE ENGINEER.

5. FOR GROUND TEMPERATURE CABLE INSTALLATION DETAILS, SEE DWG. H-L133/1-9101-131. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.

6. EXCAVATE KEY TRENCH TO SATURATED GROUND, ICE SATURATED PERMAFROST OR SOUND BEDROCK. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE ENGINEER.

Legend:

TEST PIT LOCATION

DCC TIER I CONTAMINATED SOIL

DCC TIER II CONTAMINATED SOIL

HAZARDOUS CONTAMINATED SOIL

COORDINATE POINT

LANDFILL/BURIED DEBRIS EXCAVATION AREA

VERTICAL GROUND TEMPERATURE CABLE INSTALLATION (4)

PROPOSED MONITORING WELL LOCATION (3)

PROPOSED BACKGROUND MONITORING WELL LOCATION (1)

A07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE

10 5 0 10 20 30m

PROJECT - PROJET

FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER

SITING

DATE

2007-06-07

SUBJECT - SUJET

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

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE

TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE

CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE

RRM

DES MGR
GEST CONCEPT

COORDINATION

SMS

REVIEWED - REVU

DWG. NO. - DESSIN NO.

H-L133/1-9101-127

Canada

National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. EXCAVATE KEY TRENCH TO SATURATED GROUND, ICE SATURATED PERMAFROST OR SOUND BEDROCK. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE ENGINEER.

Legend:

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE – ECHELLE

2

1

0

2

4

6m

PROJECT – PROJET

FOX-2LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER

SITING

DATE

2007-06-07

SUBJECT – SUJET

UPPER SITE LANDFILL
CROSS SECTIONS

SH. 1

PRODUCTION

CONCURRENCE – ASSENTIMENT

DESIGNED
ETUDIE

TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE

CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE

RRM

DES MGR
GEST CONCEPT

COORDINATION

SMS

REVIEWED – REVU

DWG. NO. – DESSIN NO.

H-L133/1-9101-128

Canada

National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. EXCAVATE KEY TRENCH TO SATURATED GROUND, ICE SATURATED PERMAFROST OR SOUND BEDROCK. EXCAVATION DEPTH TO BE FIELD CONFIRMED BY THE ENGINEER.

Legend:

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE – ECHELLE

2

1

0

2

4

6m

PROJECT – PROJET

FOX-2LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER

SITING

DATE

2007-06-07

SUBJECT – SUJET

UPPER SITE LANDFILL
CROSS SECTIONS

SH. 2

PRODUCTION

CONCURRENCE – ASSENTIMENT

DESIGNED
ETUDIE

TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE

CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE

RRM

DES MGR
GEST CONCEPT

COORDINATION

SMS

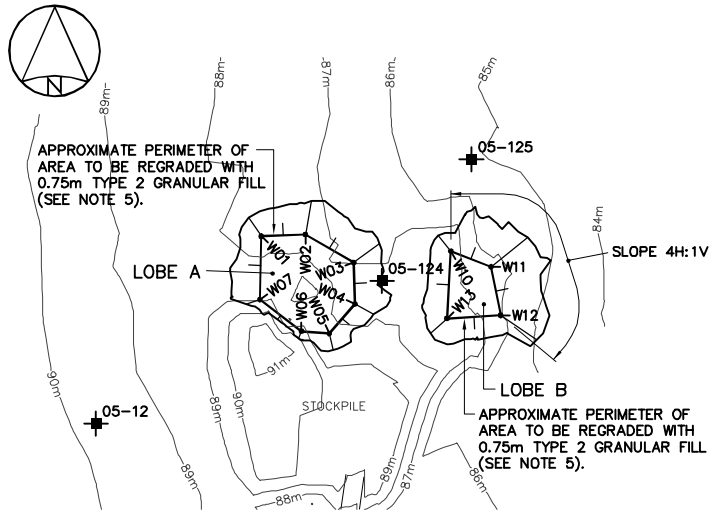
REVIEWED – REVU

DWG. NO. – DESSIN NO.

H-L133/1-9101-129

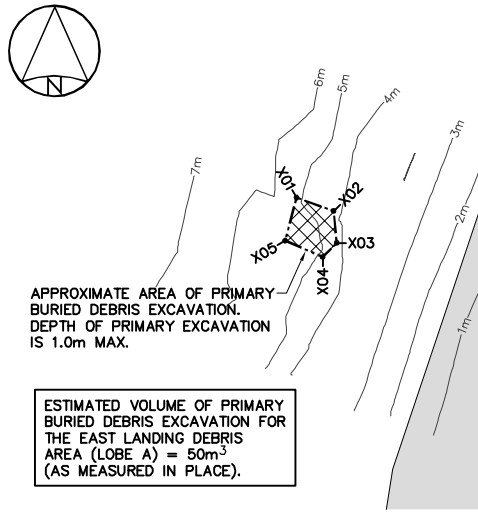
Canada

COORDINATE POINTS LOBE A AND LOBE B REGRADING					
NO.	COORDINATES		NO.	COORDINATES	
	NORTHING	EASTING		NORTHING	EASTING
W01	7 643 808.3	494 687.8	W07	7 643 797.8	494 687.6
W02	7 643 808.6	494 695.1			
W03	7 643 804.0	494 703.1	W10	7 643 805.8	494 719.2
W04	7 643 797.1	494 703.3	W11	7 643 803.3	494 725.8
W05	7 643 792.2	494 699.1	W12	7 643 795.2	494 727.4
W06	7 643 792.6	494 694.5	W13	7 643 794.7	494 718.5



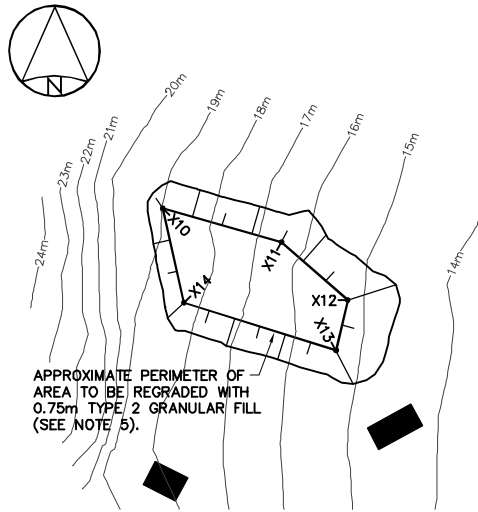
BORROW AREA 2 DEBRIS AREA
(DWG. 111)

COORDINATE POINTS LOBE A EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
X01	7 643 534.0	495 711.2
X02	7 643 531.8	495 717.3
X03	7 643 526.5	495 717.8
X04	7 643 524.2	495 715.5
X05	7 643 526.9	495 709.3



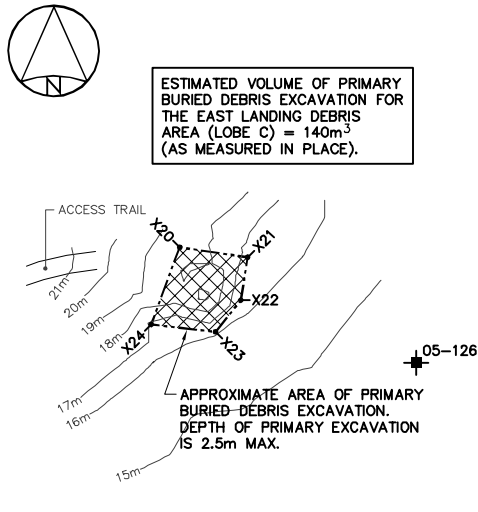
EAST LANDING DEBRIS AREA LOBE A
(DWG. 112)

COORDINATE POINTS LOBE B REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
X10	7 643 523.5	495 551.4
X11	7 643 517.9	495 571.0
X12	7 643 508.3	495 582.0
X13	7 643 500.0	495 580.1
X14	7 643 507.9	495 554.9



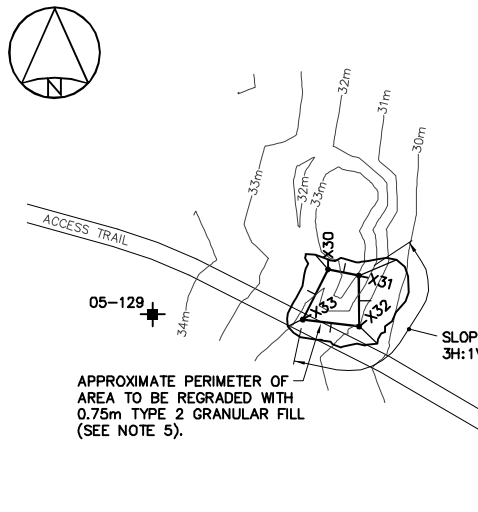
EAST LANDING DEBRIS AREA LOBE B
(DWG. 112)

COORDINATE POINTS LOBE C EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
X20	7 643 700.8	495 689.7
X21	7 643 699.2	495 701.0
X22	7 643 692.1	495 699.9
X23	7 643 686.8	495 695.7
X24	7 643 688.0	495 685.0

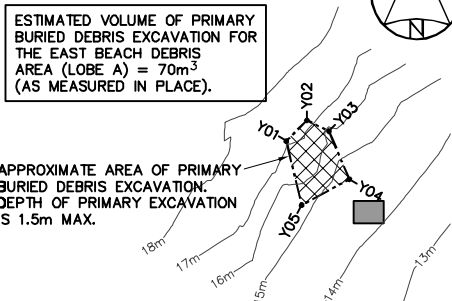


EAST LANDING DEBRIS AREA LOBE C
(DWG. 112)

COORDINATE POINTS LOBE D REGRADING		
NO.	COORDINATES	
	NORTHING	EASTING
X30	7 643 447.1	495 465.6
X31	7 643 446.0	495 470.6
X32	7 643 437.6	495 470.7
X33	7 643 438.8	495 461.4

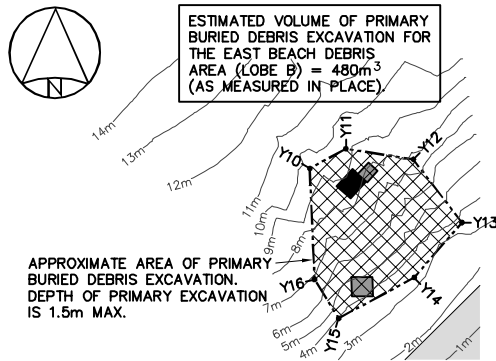


EAST LANDING DEBRIS AREA LOBE D
(DWG. 112)



EAST BEACH DEBRIS AREA LOBE A
(DWG. 111)

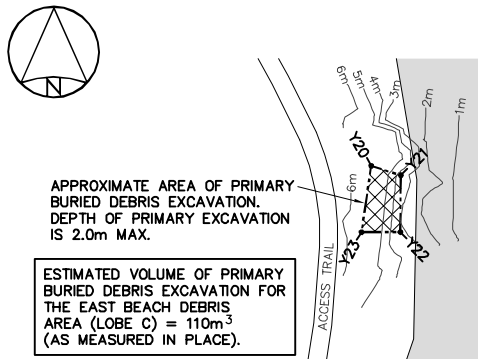
COORDINATE POINTS LOBE A EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
Y01	7 642 684.7	495 530.2
Y02	7 642 688.1	495 533.5
Y03	7 642 686.3	495 537.2
Y04	7 642 678.4	495 540.6
Y05	7 642 674.1	495 532.7



EAST BEACH DEBRIS AREA LOBE B
(DWG. 111)

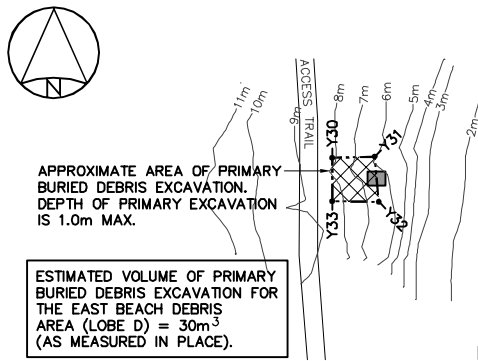
COORDINATE POINTS LOBE B EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
Y10	7 642 813.9	495 701.6
Y11	7 642 817.2	495 707.6
Y12	7 642 815.4	495 718.7
Y13	7 642 805.0	495 726.8
Y14	7 642 795.9	495 718.9
Y15	7 642 789.1	495 706.4
Y16	7 642 795.6	495 702.4

COORDINATE POINTS LOBE C EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
Y20	7 643 012.1	495 819.8
Y21	7 643 010.5	495 824.7
Y22	7 643 001.1	495 824.7
Y23	7 643 001.1	495 818.2



EAST BEACH DEBRIS AREA LOBE C
(DWG. 111)

COORDINATE POINTS LOBE D EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
Y30	7 643 107.4	495 795.0
Y31	7 643 107.6	495 802.0
Y32	7 643 100.2	495 802.7
Y33	7 643 100.3	495 795.0



EAST BEACH DEBRIS AREA LOBE D
(DWG. 111)

National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS), UTM ZONE 18N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL, RELATIVE TO GEOID MODEL CANADIAN HT2_0.

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ALL NON-HAZARDOUS DEBRIS TO BE PLACED IN HANGAR NON-HAZARDOUS WASTE LANDFILL.

4. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING AND NEW LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.

5. REGRADED SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

Legend:

TEST PIT LOCATION

DCC TIER I CONTAMINATED SOIL

DCC TIER II CONTAMINATED SOIL

COORDINATE POINT

BODY OF WATER

LANDFILL/BURIED DEBRIS EXCAVATION AREA

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER
SITING

DATE
2007-06-07

SUBJECT - SUJET
BORROW AREA 2 & EAST BEACH
REGRADING AND EXCAVATION
DETAILS

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE
TME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE
CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE
RRM

DES MGR
GEST CONCEPT

COORDINATION
SMS

REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-L133/1-9101-130

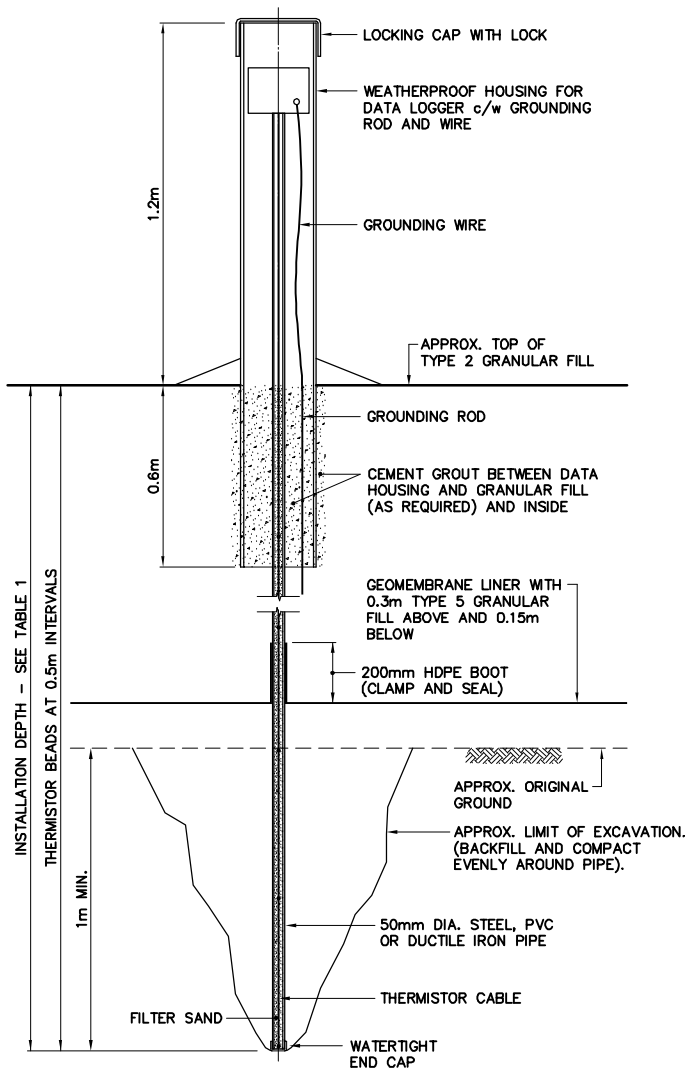
Canada

TABLE 1 VERTICAL GROUND TEMPERATURE CABLE INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
UPPER SITE LANDFILL		
VT-X	X.X	
VT-X	X.X	

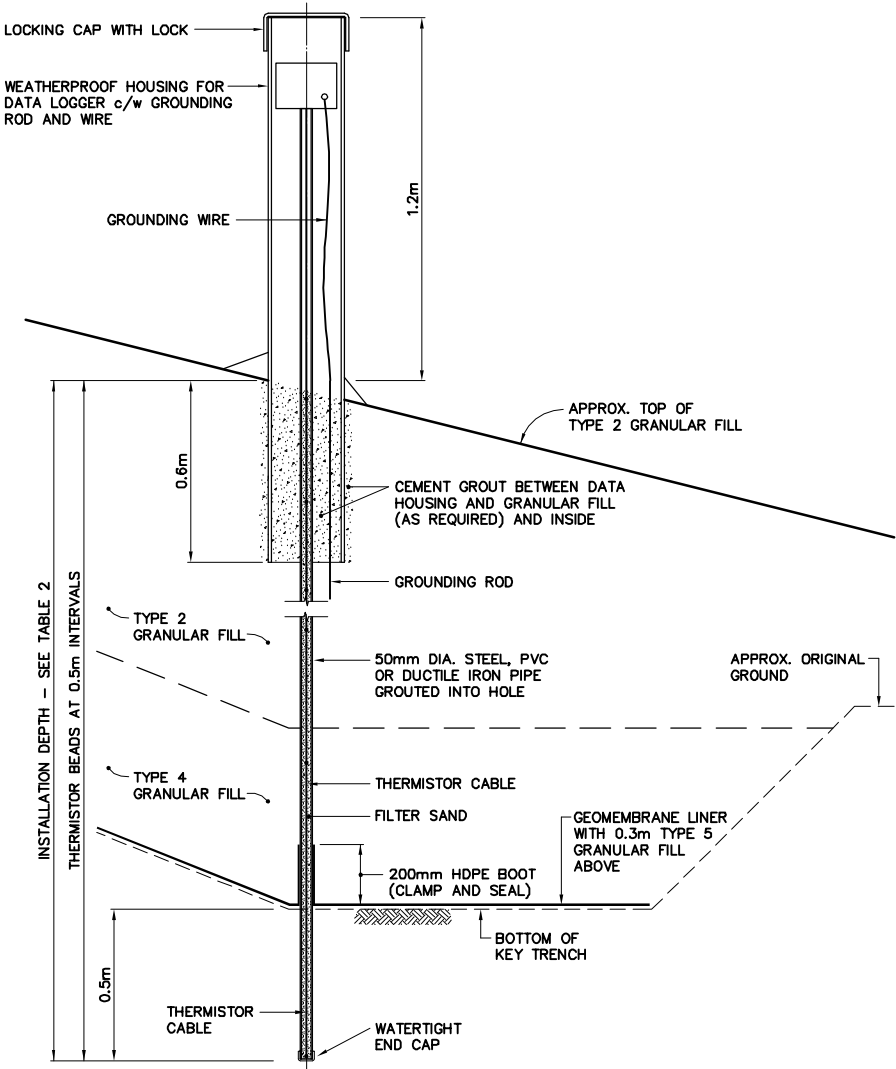
TABLE 2 VERTICAL GROUND TEMPERATURE CABLE INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
UPPER SITE LANDFILL		
VT-X	X.X	
VT-X	X.X	

TABLE 3 VERTICAL THERMISTOR INSTALLATION		
INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
TIER II DISPOSAL FACILITY		
VT-1	6.5	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-2	5.0	INSTALL TO 1.0m ABOVE ELEVATION OF BOTTOM LINER
VT-3	5.0	INSTALL TO 1.0m ABOVE ELEVATION OF BOTTOM LINER
VT-4	7.8	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH

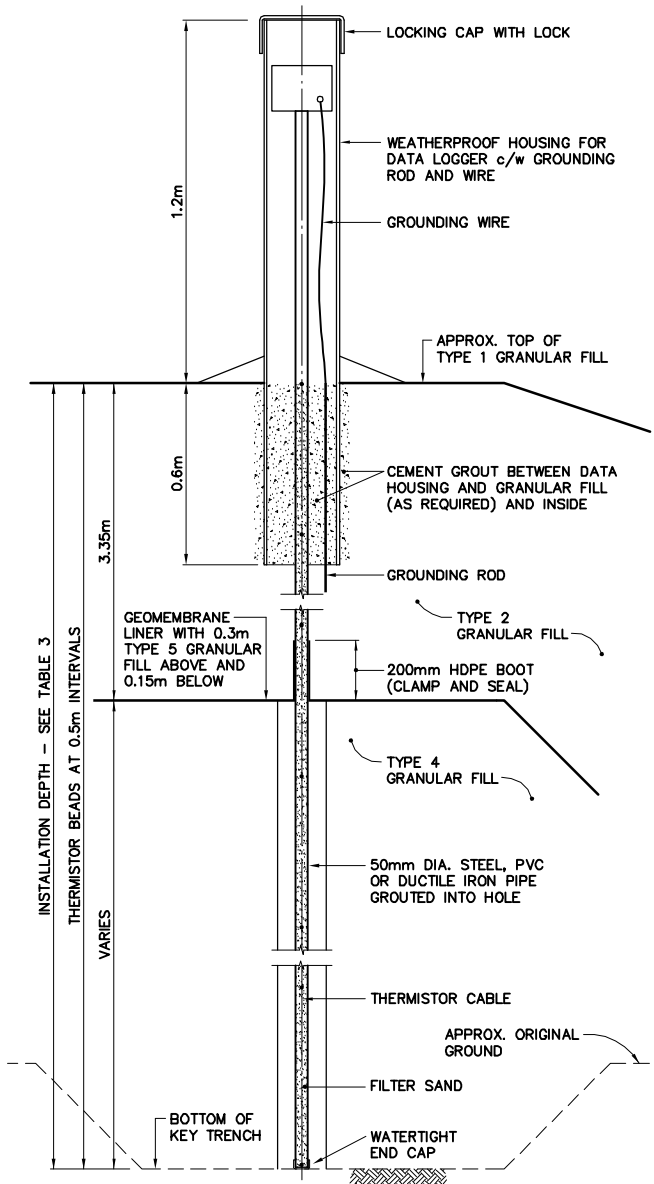
NOTE:
INSTALL ALL THERMISTOR STRINGS TO BASE LINER UNLESS NOTED OTHERWISE.



TYPICAL GROUND TEMPERATURE CABLE
INSTALLATION – PLATEAU
N.T.S.



TYPICAL GROUND TEMPERATURE CABLE
INSTALLATION – KEY TRENCH
N.T.S.



TYPICAL GROUND TEMPERATURE CABLE INSTALLATION
N.T.S.

National Defence

Défense nationale

Headquarters

Quartier général

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. MOUND FILL AROUND CASING TO PROMOTE DRAINAGE AWAY FROM INSTRUMENT.

4. 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:

A

07-06-07

DRAFT TENDER

RRM

No.

DATE

REVISION

REVISION

APPR.

DRAFT

UMA

AECOM

HATCH

SCALE - ECHELLE

10

5

0

10

20

30m

PROJECT - PROJET

FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER

SITING

DATE

2007-06-07

SUBJECT - SUJET

MISCELLANEOUS DETAILS

SH. 1

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED
ETUDIE
TIME/BWF

DES OFF
AGENT CONCEPT

DRAWN
DESSINE
CAE

SECT HD
CHEF SECT

CHECKED
VERIFIE
RRM

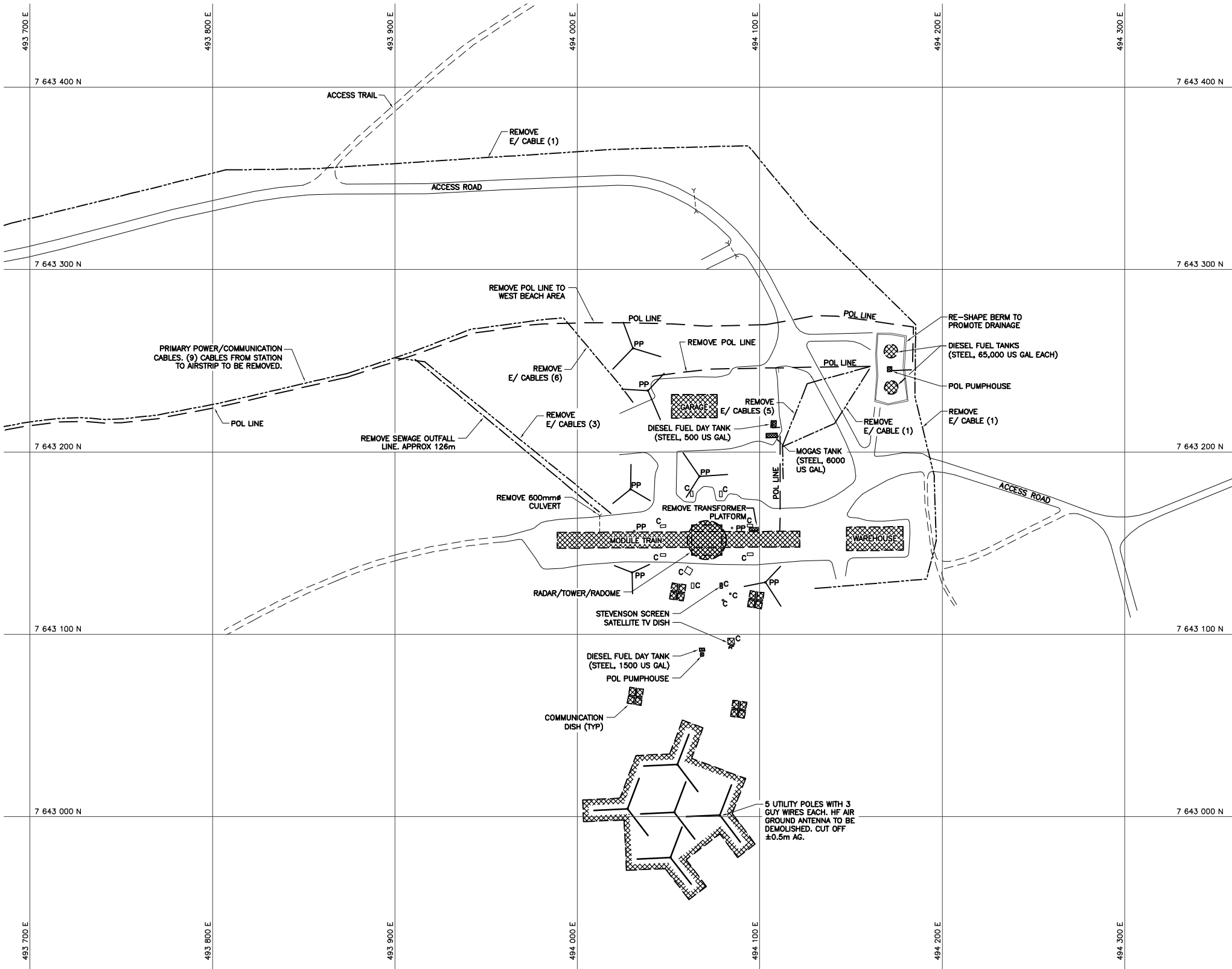
DES MGR
GEST CONCEPT

COORDINATION
SMS

REVIEWED - REVU


DWG. NO. - DESSIN NO.
H-L133/1-9101-131


Canada





- General Notes:
1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE. CONCRETE FOUNDATIONS TO BE REGRADED AS PER TYPICAL CONCRETE PAD REGRADING DETAIL ON THIS PAGE.
 2. ALL POLES AND GUYS TO BE REMOVED UNLESS NOTED OTHERWISE.
 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 4. ALL CULVERTS TO BE REMAIN UNLESS NOTED OTHERWISE.
 5. ALL SHORT RANGE RADAR (SRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED.
 6. THE COORDINATE SYSTEM USED FOR THIS CONTROL WAS NAD 83 (CSRS). SITE GRID COORDINATES WERE DERIVED USING THE UTM ZONE 18 NORTH MAP PROJECTION.


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
TO BE DEMOLISHED


BODY OF WATER

UTILITY POLE

POL LINE

POWER/COMMUNICATION CABLES

SEWAGE OUTFALL LINE

CONCRETE PAD

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

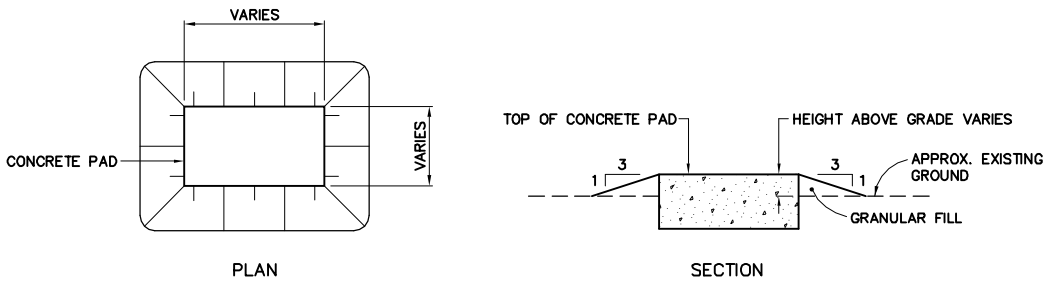
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TRADE - METIER	STRUCTURAL	DATE	2007-06-07
SUBJECT - SUJET			

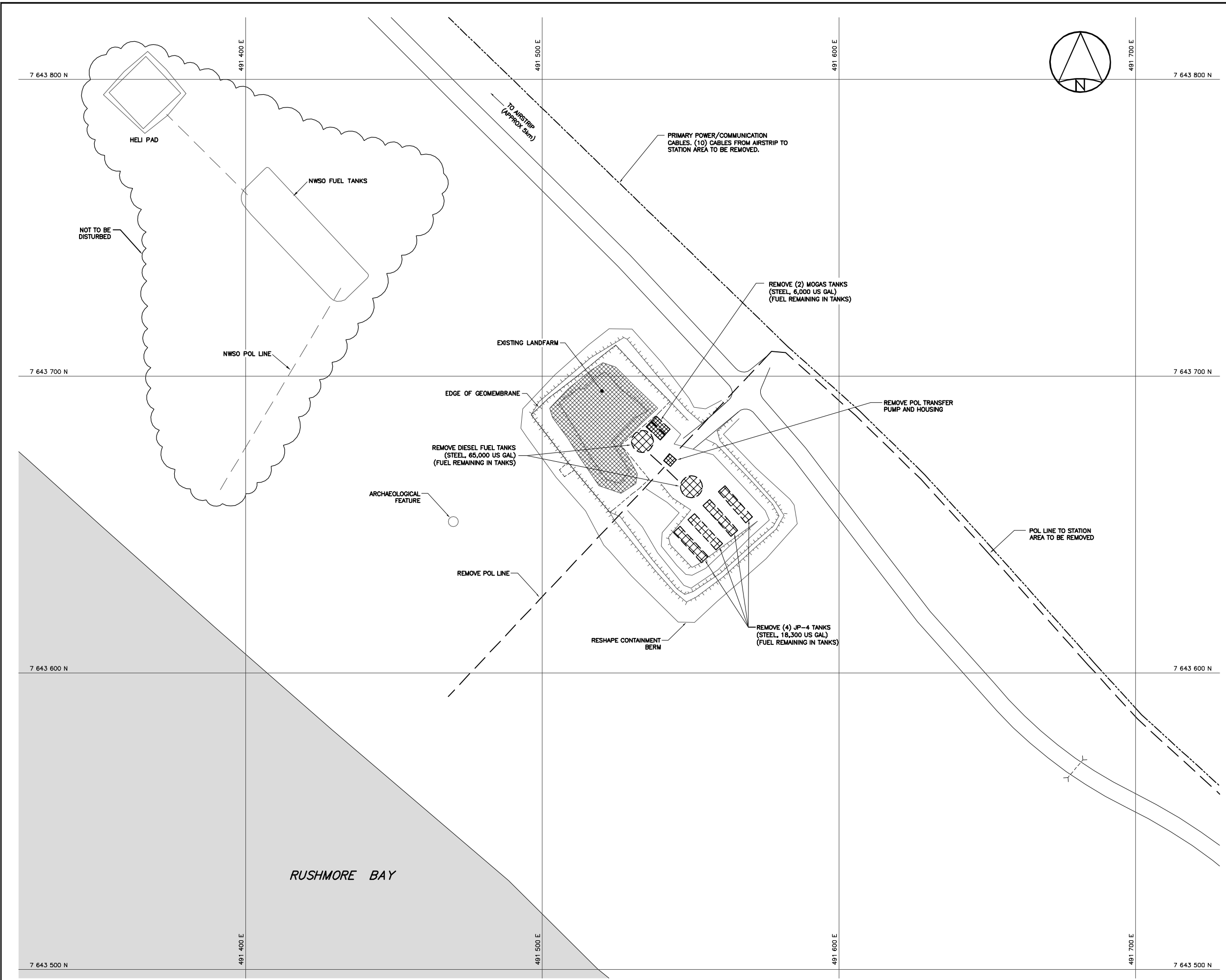
STATION AREA
DEMOLITION SITE PLAN


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

DWG. NO. - DESSIN NO.
H-L133/1-9101-201




TYPICAL CONCRETE PAD REGRAING DETAIL
N.T.S.





National
Defence



Défense
nationale


Headquarters


Quartier général


General Notes:


1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
2. ALL POLES AND GUYS TO BE REMOVED UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. ALL CULVERTS TO REMAIN UNLESS NOTED OTHERWISE.
5. THE COORDINATE SYSTEM USED FOR THIS CONTROL WAS NAD 83 (CSRS). SITE GRID COORDINATES WERE DERIVED USING THE UTM ZONE 18 NORTH MAP PROJECTION.
6. LOCATIONS OF POL LINES AND POWER COMMUNICATION CABLES ARE APPROXIMATE ONLY.

Legend:

 TO BE DEMOLISHED

 BODY OF WATER

 POL LINE


 POWER/COMMUNICATION CABLES

A	07-06-07	DRAFT TENDER		RRM
No.	DATE	REVISION	REVISION	APPR.

DRAFT

UMA

AECOM



SCALE — ECHELLE

10

5

0

10

20

30m

PROJECT — PROJET

FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE — METIER	STRUCTURAL	DATE	2007-06-07
SUBJECT — SUJET			

BEACH AREA

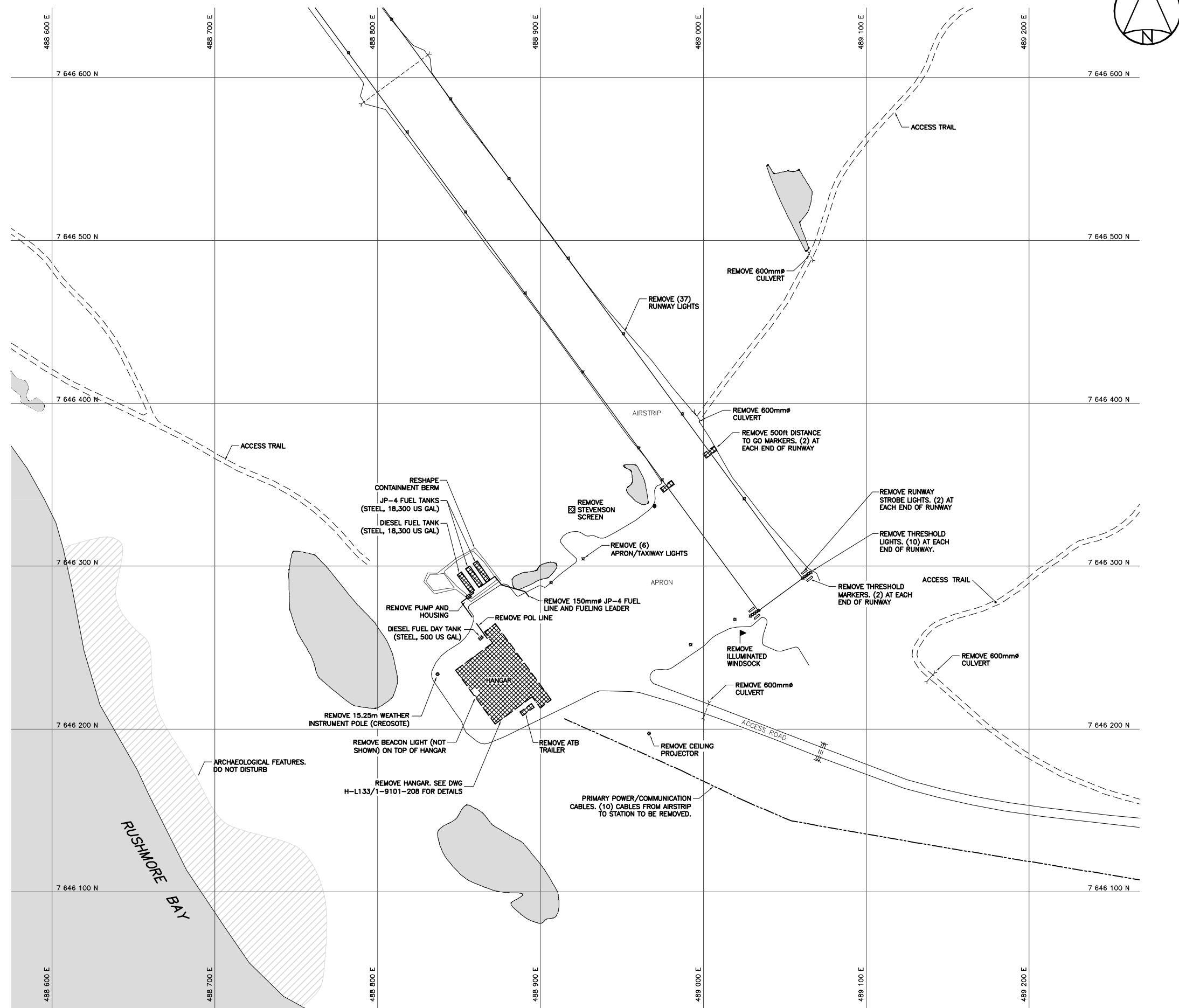
DEMOLITION SITE PLAN

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

DWG. NO. — DESSIN NO.

H-L133/1-9101-202

Canada



National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.

2. ALL POLES AND GUYS TO BE REMOVED UNLESS NOTED OTHERWISE.

3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

4. ALL CULVERTS TO REMAIN UNLESS NOTED OTHERWISE.

5. ALL DEMOLITION DEBRIS (UNLESS SPECIFIED OTHERWISE) TO BE DISPOSED AND COMPACTED AT NEW AIRSTRIP NON HAZARDOUS LANDFILL.

6. THE COORDINATE SYSTEM USED FOR THIS CONTROL WAS MAD 83 (CSRS). SITE GRID COORDINATES WERE DERIVED USING THE UTM ZONE 18 NORTH MAP PROJECTION.

Legend:

TO BE DEMOLISHED

BODY OF WATER

POL LINE

POWER/COMMUNICATION CABLES

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
		APPR.	

DRAFT

UMA

AECOM

HATCH

SCALE - ECHELLE

20100204060m

PROJECT - PROJET

FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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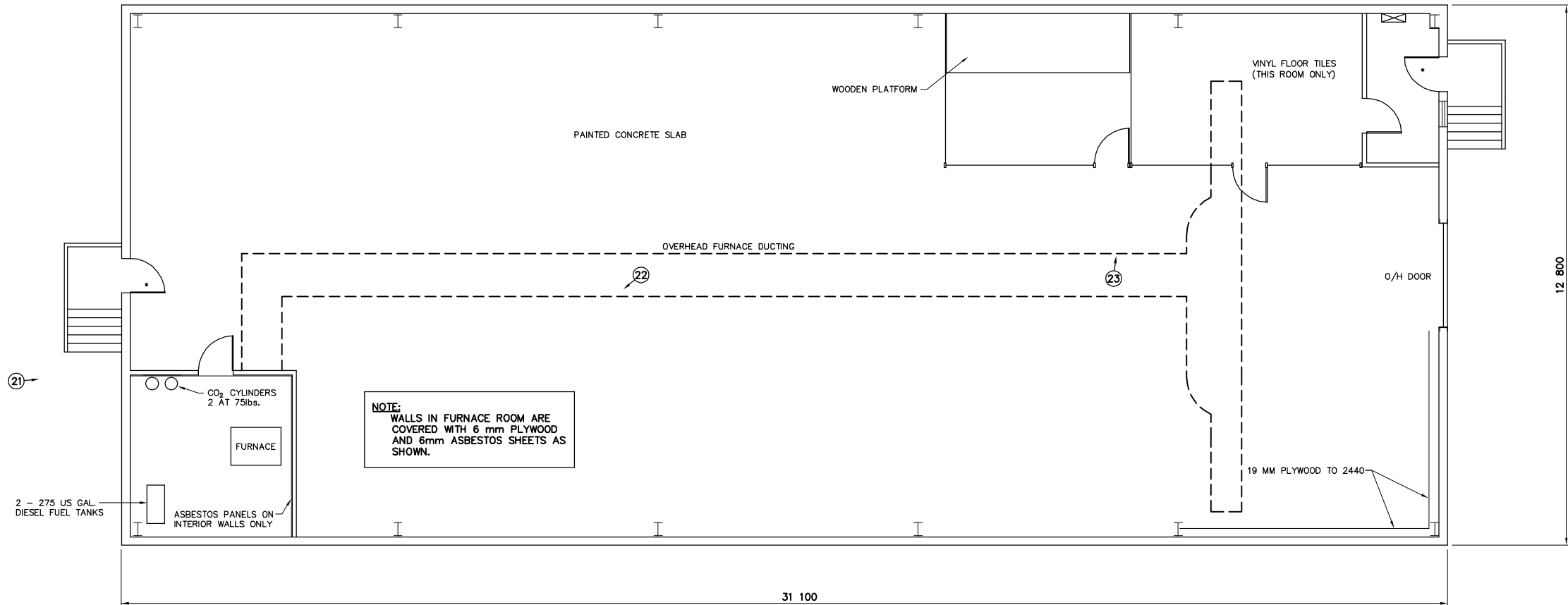
TRADE - METIER	STRUCTURAL	DATE	2007-06-07
SUBJECT - SUJET			

AIRSTRIp AREA
DEMOLITION SITE PLAN

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-203

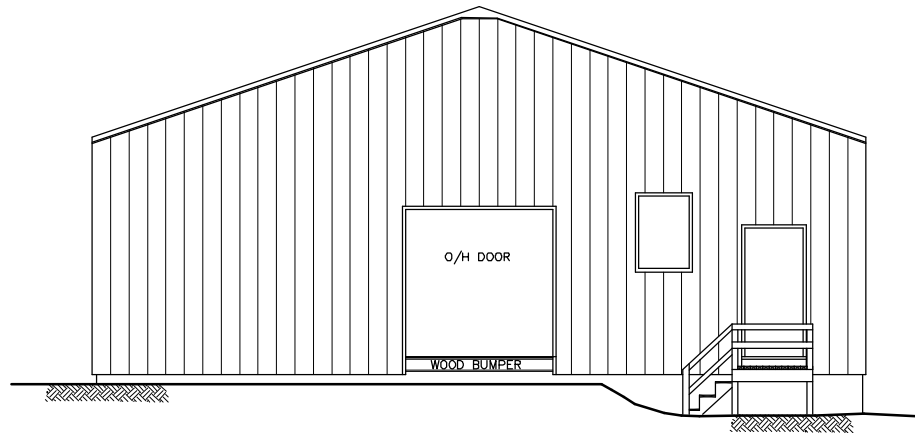
Canada



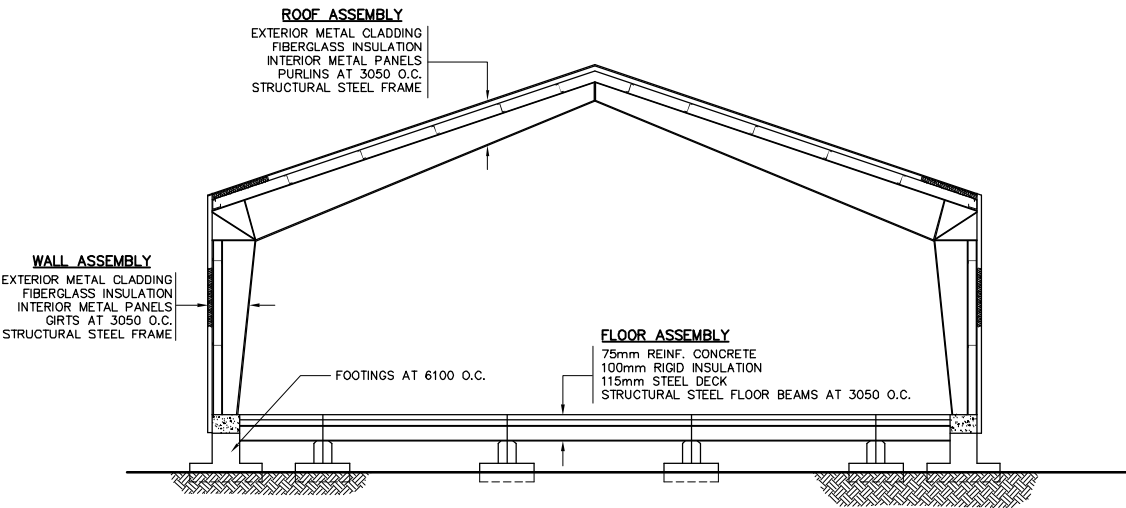
PLAN

LIGHTING
COMBINATION OF FLOURESCENT
AND INCANDESCENT

DOORS
* ASBESTOS CORE



ELEVATION



SECTION

National
Defence

Défense
nationale

Headquarters
Quartier général

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2. ASBESTOS PANELS TO BE REMOVED FROM FURNACE ROOM AND VESTIBULE WALLS.

3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.

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

Legend:

21

PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
		APPR.	

DRAFT

UMA

AECOM

HATCH

SCALE - ECHELLE

10.50.12.3m

PROJECT - PROJET

FOX-2LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER

STRUCTURAL

DATE

2007-06-07

SUBJECT - SUJET

WAREHOUSE
PLAN, SECTION AND ELEVATION

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

DWG. NO. - DESSIN NO.

H-L133/1-9101-204

Canada

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

Legend:
 PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER
STRUCTURAL

DATE
2007-06-07

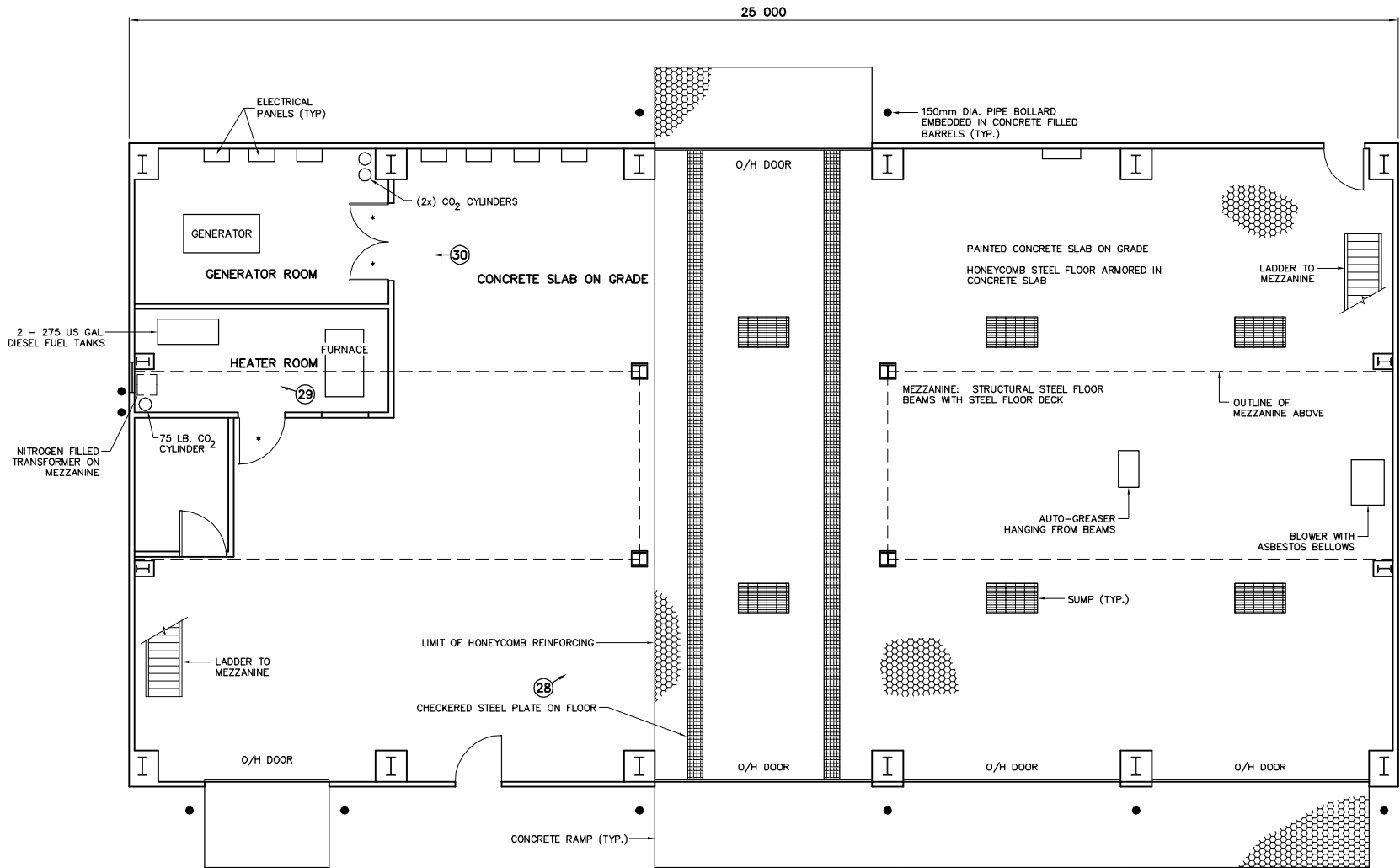
SUBJECT - SUJET

GARAGE
PLAN AND SECTION

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-205

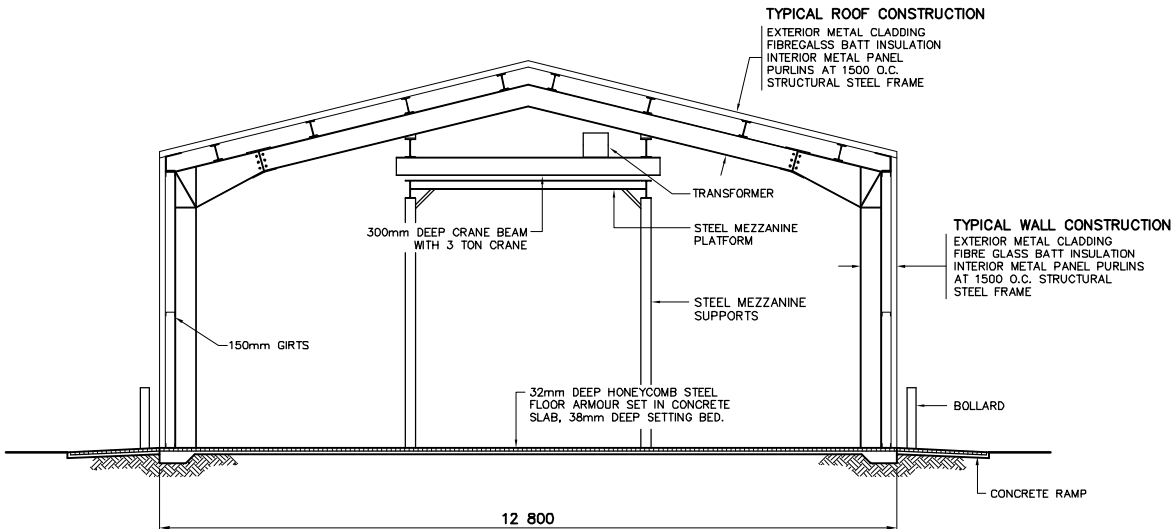
Canada



FLOOR PLAN

COMMENTS
AS SHOWN. LIGHTING USES PCB BALLASTS

DOORS
* ASBESTOS CORE



SECTION

Legend:

- G - GENERATOR
- FT - FUEL TANK
- WT - WATER TANK
- SW - SWITCH GEAR
- PT - PRESSURE TANK
- B - HOT WATER BOILER
- V - VERTICAL TANK
- AU - OVERHEAD AIR HANDLING UNIT
- V - VOLTAGE REGULATOR
- ER - EQUIPMENT RACK
- F - FILTER
- C - METAL EQUIPMENT CABINET
- CP - CONTROL PANEL
- S - SINK
- E - WATER TREATMENT EQUIPMENT
- P - PUMP
- C - COMPRESSOR
- FR - FREEZER
- ST - STEEL COUNTERTOP AND CABINETS
- SC - STEEL CABINETS
- SW - SEWAGE TANK

5 PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER		RRM
No.	DATE	REVISION	REVISION	APPR.

DRAFT

UMA AECOM HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJECT
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER	STRUCTURAL	DATE	2007-06-07
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MODULE TRAIN UNITS 1A-25
PLAN

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-206

Canada

EACH ROOM CONTAINS (TYP.):

1-HEATER (1100 x 660) (WALL MOUNTED TYPE)
1-ALUMINUM WINDOW (1120 x 780)
NOTE: FLUORESCENT LIGHTS EXIST ABOVE CEILING TILES

FLOOR CONSTRUCTION (TYP.):

CARPET OVER VINYL TILE
6mm PLYWOOD
VINYL TILE
200mm DEEP FLOOR JOISTS AT 610 O.C. (APPROX.)
6mm PLYWOOD
19mm PLYWOOD
200mm THICK INSULATION
6mm THICK PLYWOOD
COPPER MESH
38 x 89 WOOD STRAPPING AT 1220 O.C.

WALL PARTITIONS BETWEEN MODULES (TYP.):

8mm PAINTED PLYWOOD - PAP
9mm THICK PLYWOOD
200mm DEEP WALL STUDS WITH INSULATION
8mm THICK PLYWOOD
COPPER MESH
150mm GAP WITH VERMICULITE
COPPER MESH
8mm THICK PLYWOOD
200mm DEEP WALL STUDS WITH INSULATION
9mm THICK PLYWOOD
8mm PAINTED PLYWOOD - PAP

DOORS

ALL DOORS ASBESTOS CORE

CEILING CONSTRUCTION (TYP.):

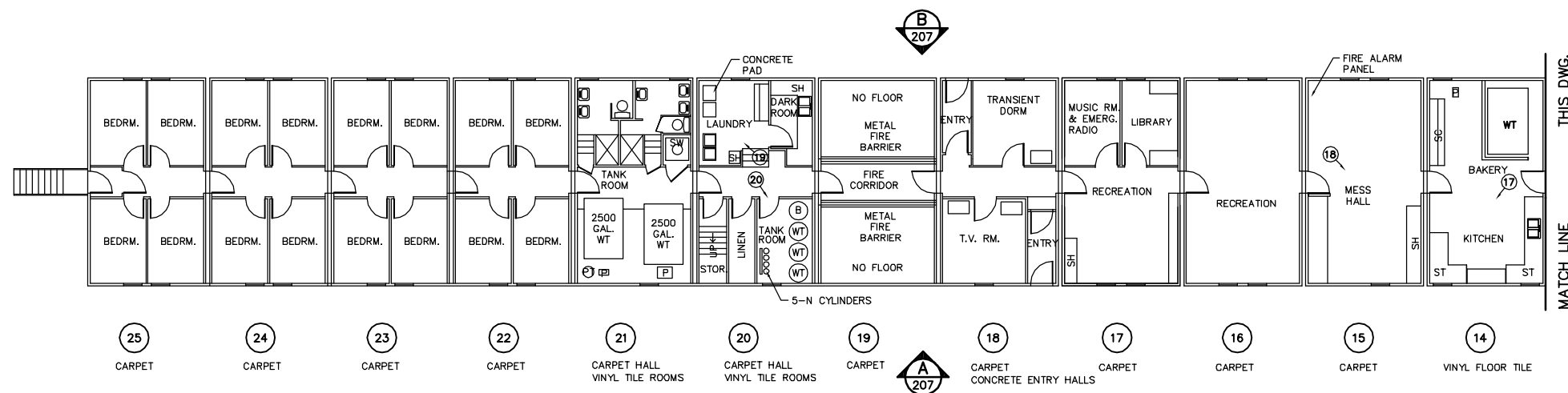
8mm PAINTED PLYWOOD - PAP
COPPER MESH
19mm THICK PLYWOOD
200mm DEEP WOOD STUDS AT 610 O.C.
WITH HORIZONTAL WOOD BLOCKING AND INSULATION
6mm PLYWOOD
8mm PAINTED PLYWOOD - PAP
T-BAR TYPE CEILING WITH TILES

INTERIOR WALL PARTITIONS (TYP.):

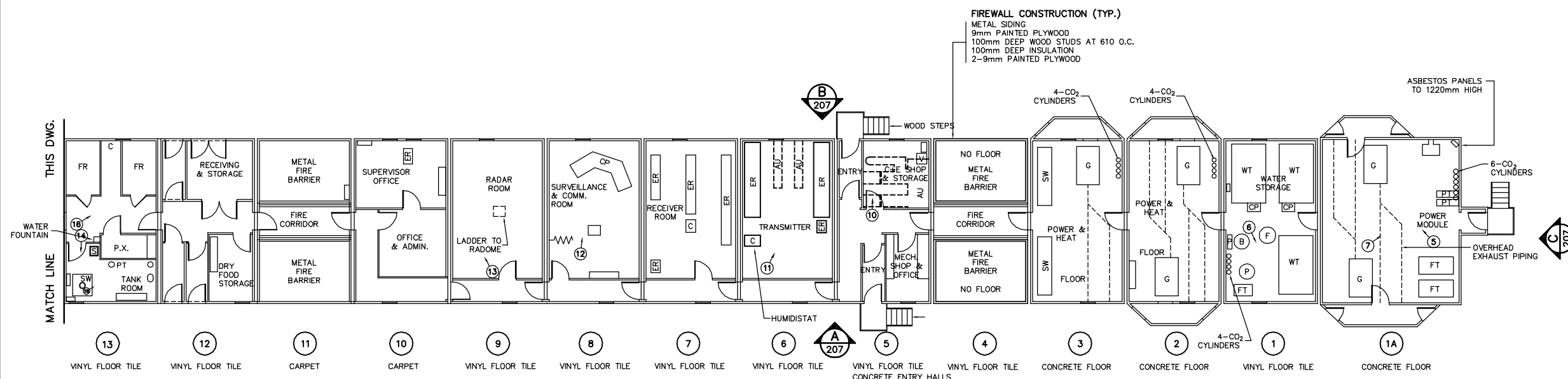
8mm PAINTED PLYWOOD – PAP
WOOD STUDS AT 1220 O.C.
INSULATION
6mm PAINTED PLYWOOD – PAP

EXTERIOR WALL CONSTRUCTION (TYP.):

EXTERIOR METAL CLADDING
STRAPPING
8mm PAINTED PLYWOOD – PAP
COPPER MESH
8mm PLYWOOD
100mm DEEP WOOD STUDS
WITH HORIZONTAL WOOD BLOCKING
100mm DEEP INSULATION
8mm THICK PLYWOOD
9mm PAINTED PLYWOOD – PAP



PLAN



PLAN

COMMENTS

TIMBER CRIB FOUNDATION WITH SILL BEAMS.
INSULATED PLYWOOD PANEL MODULES,
EXCEPT METAL CONSTRUCTION FIRE
BARRIER MODULES.

General Notes:

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE – ECHELLE 2 1 0 2 4 6m

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE – METIER	STRUCTURAL	DATE	2007-06-07
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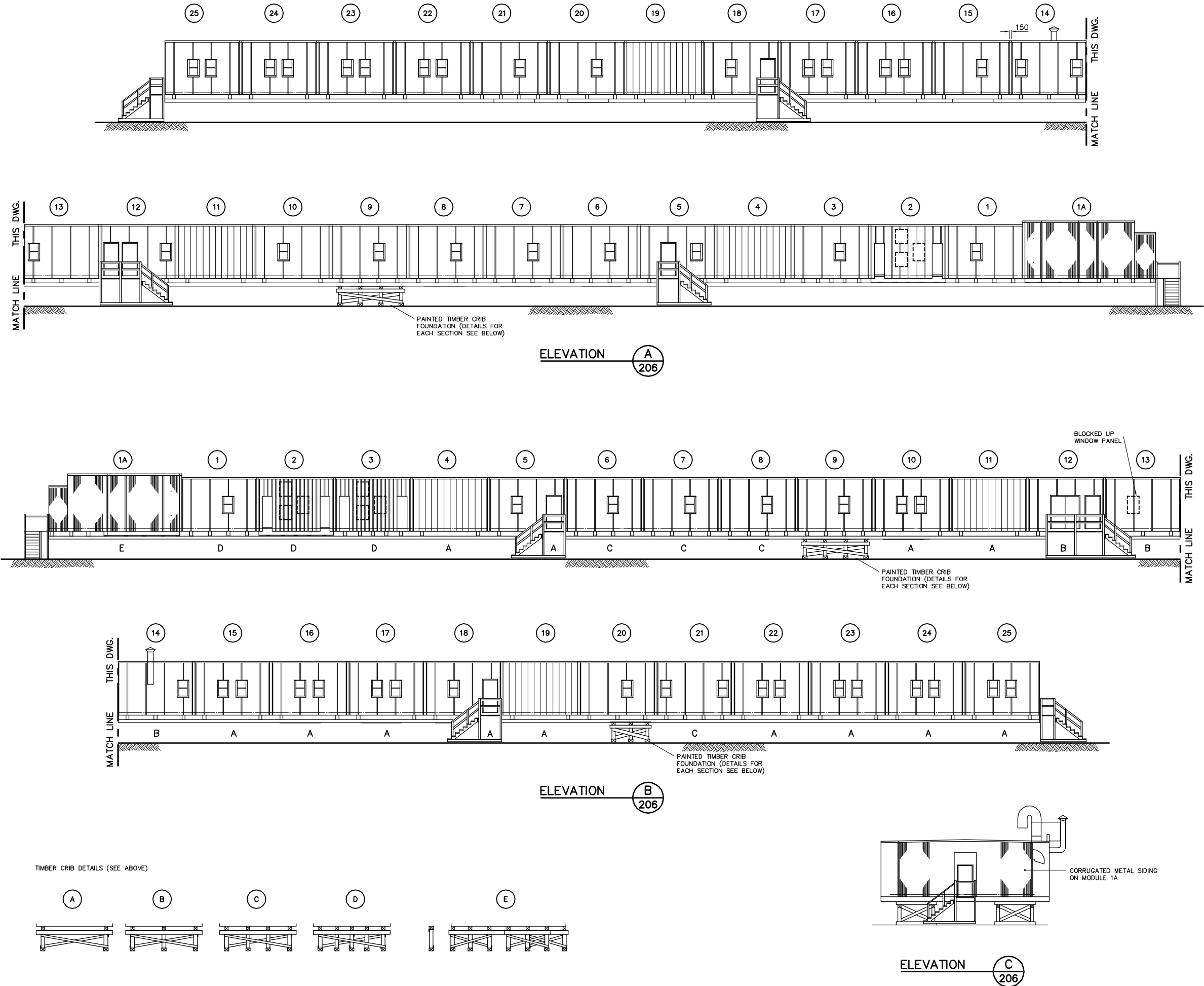
SUBJECT – SUJET

MODULE TRAIN UNITS 1A-25
ELEVATIONS

PRODUCTION		CONCURRENCE – ASSENTMENT	
DESIGNED ETUDIE	GRH	DES OFF AGENT CONCEPT	
DRAWN DESSINE	CG	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION	SMS	REVIEWED – REVU	

DWG. NO. – DESSIN NO.
H-L133/1-9101-207

Canada



Headquarters
Quartier général

General Notes:

Legend:

PHOTOGRAPHIC VIEWPOINT

A	07-06-07	DRAFT TENDER		RRM
No.	DATE	REVISION	REVISION	APPR.

DRAFT

UMA | AECOM HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJCT
FOX-2 LONGSTAFF BLUFF

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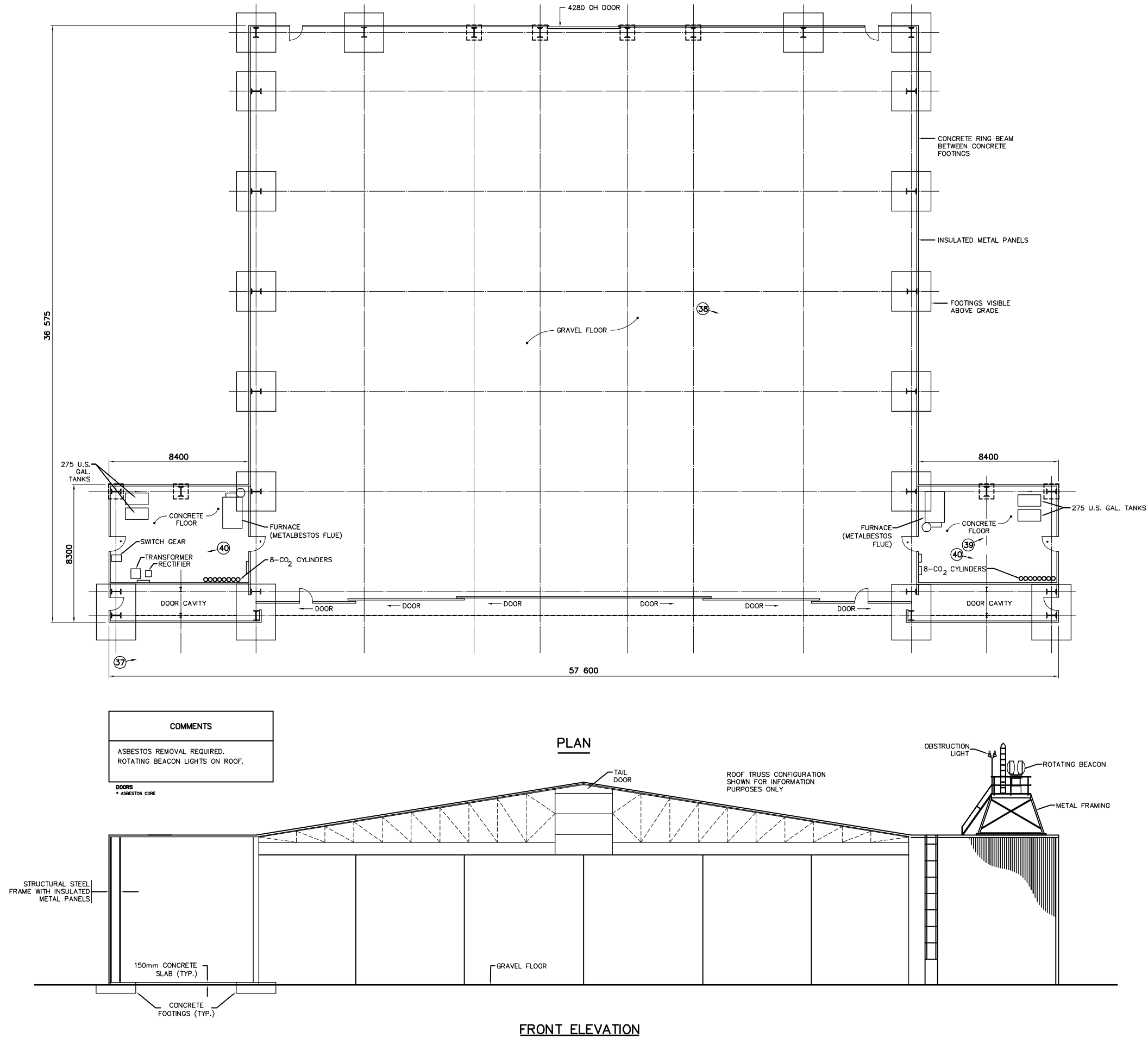
TRADE - METIER	STRUCTURAL	DATE	2007-06-07
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HANGAR PLAN AND ELEVATION

PRODUCTION		CONCURRENCE – ASSENTIMENT	
DESIGNED ETUDE	<i>GRH</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE	<i>CG</i>		SECT HD CHEF SECT
CHECKED VERIFIE	<i>RRM</i>		DES MGR GEST CONCEPT
COORDINATION <i>SMS</i>		REVIEWED – REVU	

DWG. NO. – DESSIN NO.
H-L133/1-9101-208

Canadă





Headquarters
Quartier général

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. REMOVE CREOSOTE TREATED TIMBERS FROM QML STORAGE SHED FOUNDATION.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM

HATCH

SCALE – ECHELLE
AS SHOWN

PROJECT – PROJET
FOX-2 LONGSTAFF BLUFF

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TRADE – METIER
STRUCTURAL

DATE
2007-06-07

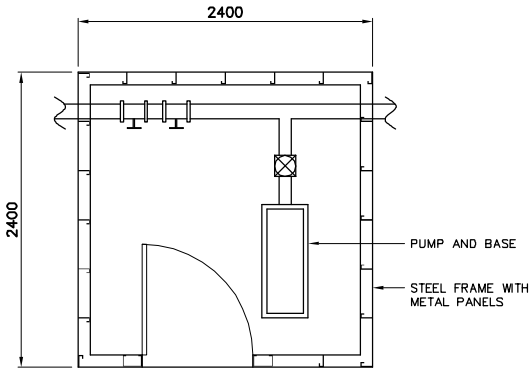
SUBJECT – SUJET

POL PUMPHOUSE & ATCO TRAILER
PLANS AND ELEVATIONS

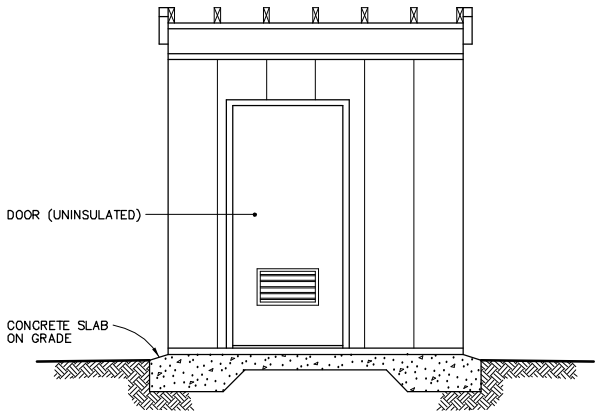
PRODUCTION		CONCURRENCE – ASSENTIMENT	
DESIGNED ETUDIE	GRH	DES OFF AGENT CONCEPT	
DRAWN DESSINE	OS	SECT HD CHEF SECT	
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT	
COORDINATION SMS		REVIEWED – REVU	

DWG. NO. – DESSIN NO.
H-L133/1-9101-209

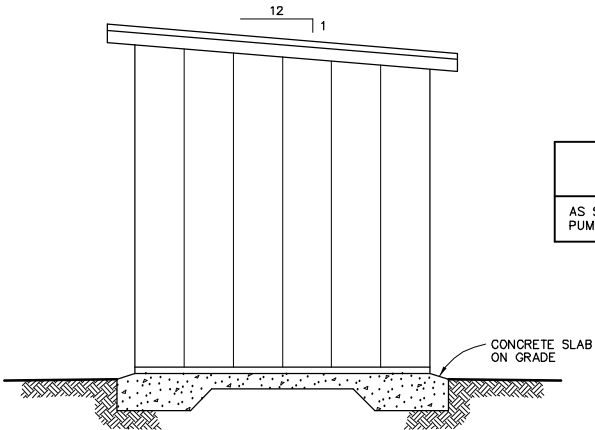
Canada



PLAN



FRONT ELEVATION

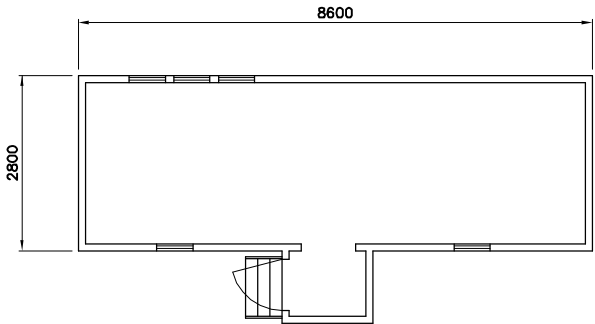
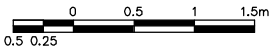


SIDE ELEVATION

COMMENTS

AS SHOWN.
PUMP, PUMP BASE AND PIPING INSIDE.

POL PUMPHOUSE

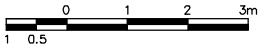


FLOOR PLAN

COMMENTS

AS SHOWN.
METAL CLADDING, WASHROOM FACILITIES

ATB TRAILER





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.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION
			APPR.

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE - METIER
STRUCTURAL

DATE
2007-06-07

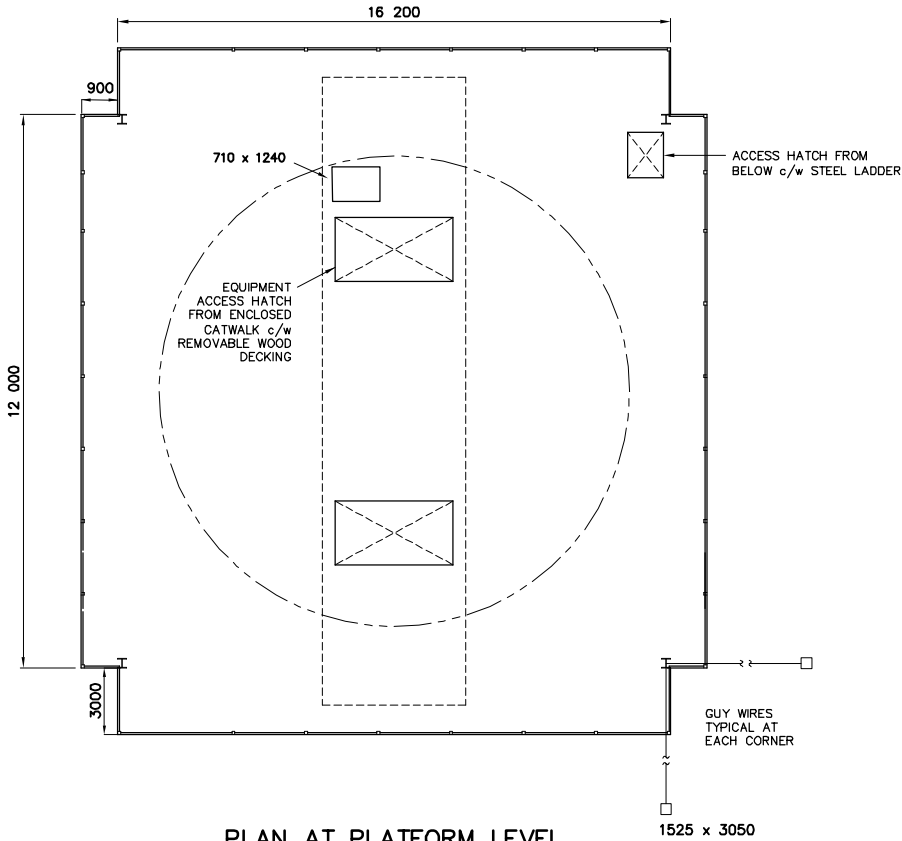
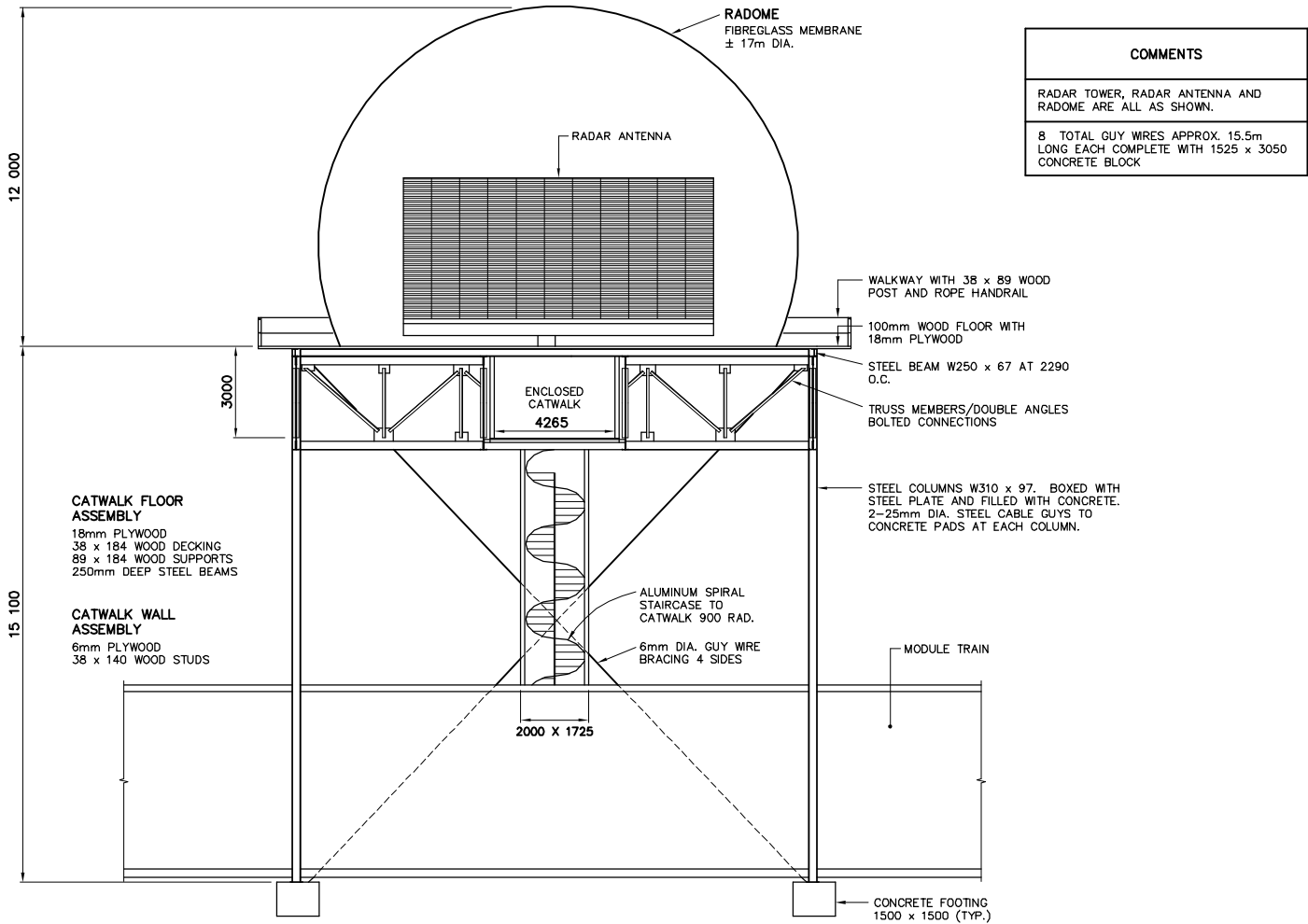
SUBJECT - SUJET

RADAR TOWER / RADOME
PLAN AND SECTION

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-210

Canada



COMMENTS

RADAR TOWER, RADAR ANTENNA AND
RADOME ARE ALL AS SHOWN.

8 TOTAL GUY WIRES APPROX. 15.5m
LONG EACH COMPLETE WITH 1525 x 3050
CONCRETE BLOCK

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
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3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	APPR.

DRAFT

UMA

AECOM



SCALE — ECHELLE

AS SHOWN

PROJECT — PROJET

FOX-2LONGSTAFF BLUFF

DEW LINE CLEAN UP

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TRADE — METIER

STRUCTURAL

DATE

2007-06-07

SUBJECT — SUJET

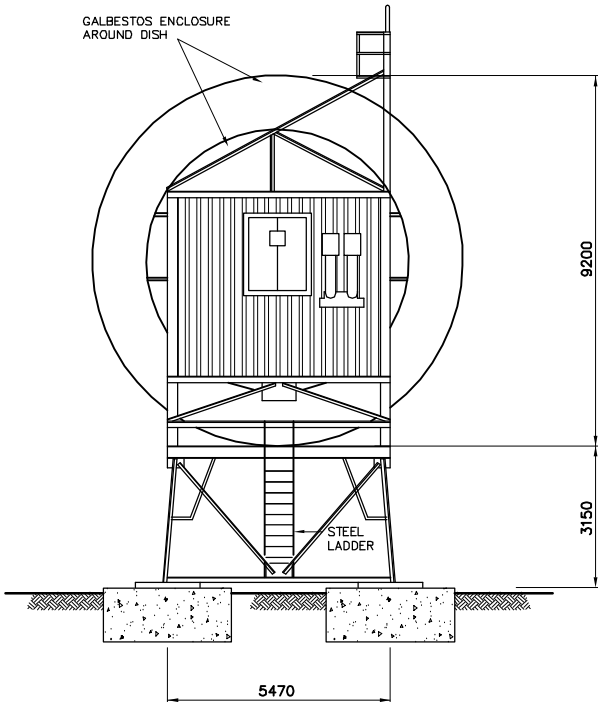
COMMUNICATION DISH
ELEVATIONS

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

DWG. NO. — DESSIN NO.
H-L133/1-9101-211

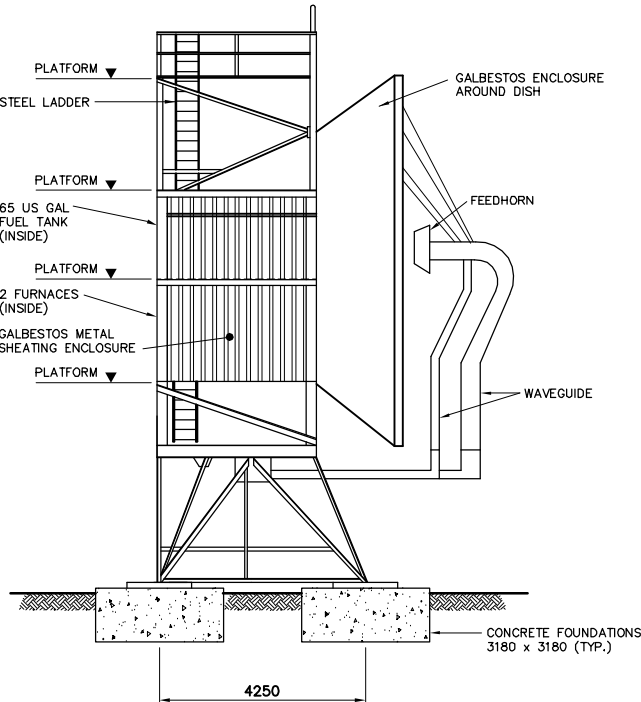
COMMENTS

AS SHOWN
ENCLOSURE CONTAINS FURNACE
AND FUEL DAY TANK
SIDING ON ENCLOSURE IS GALBESTOS



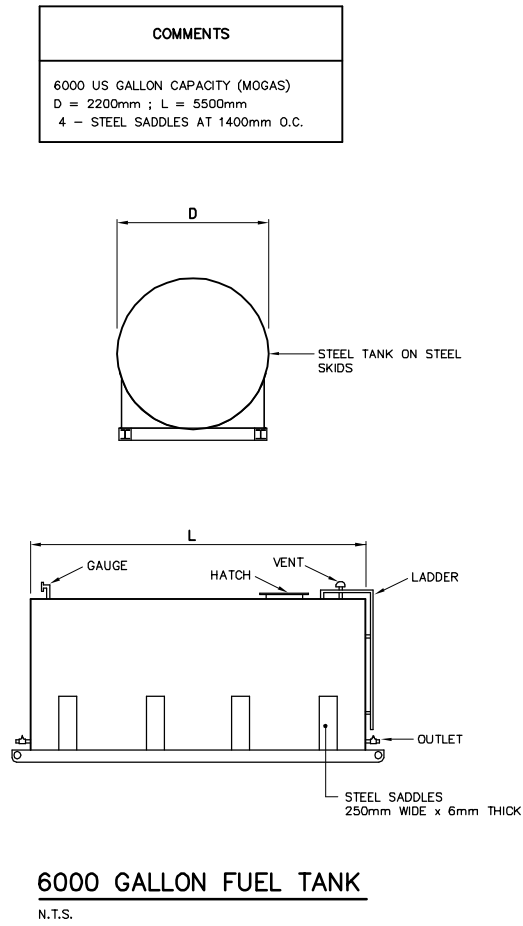
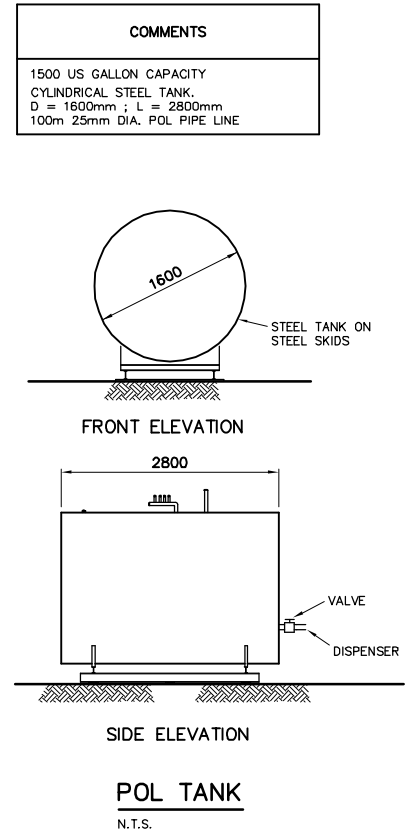
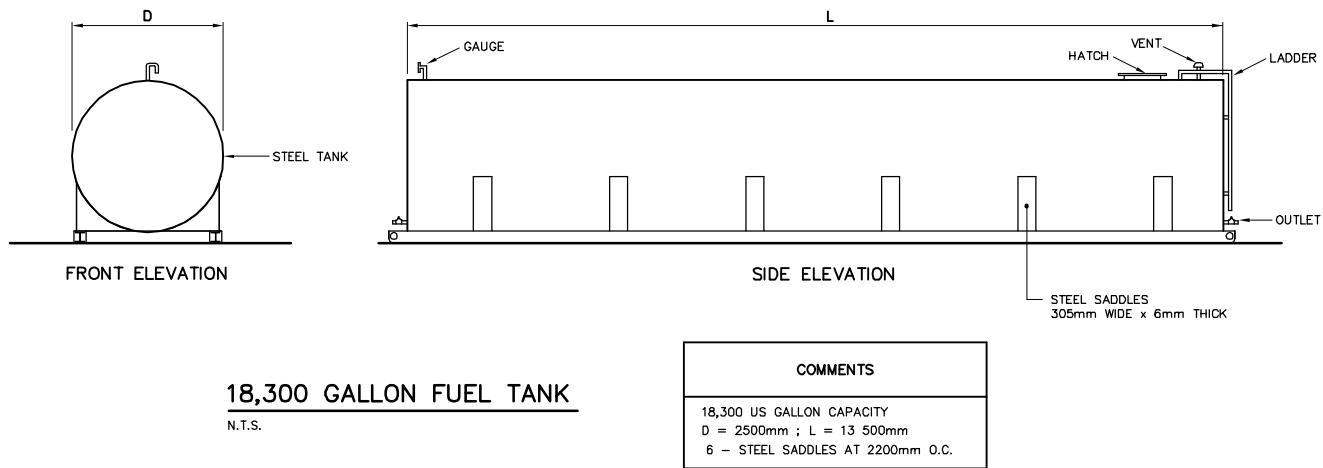
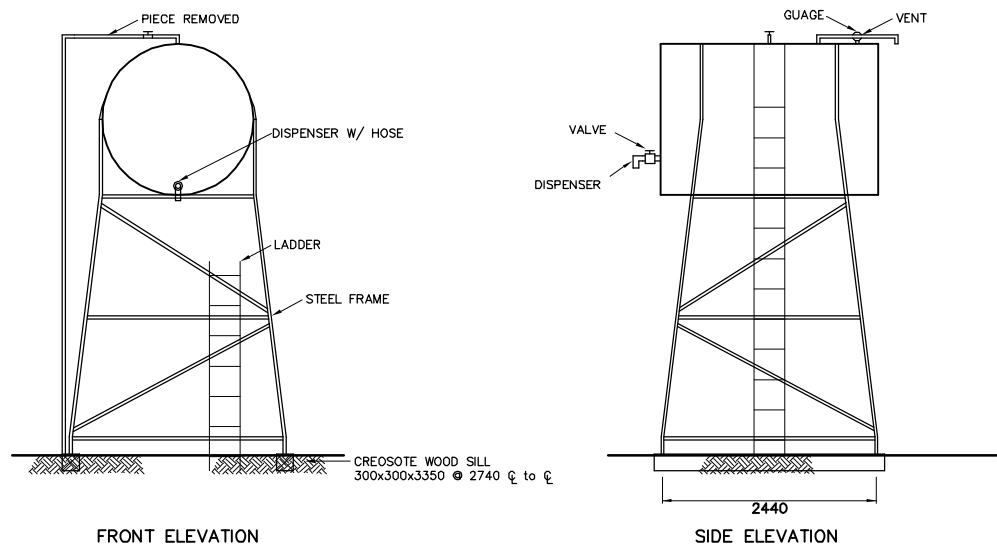
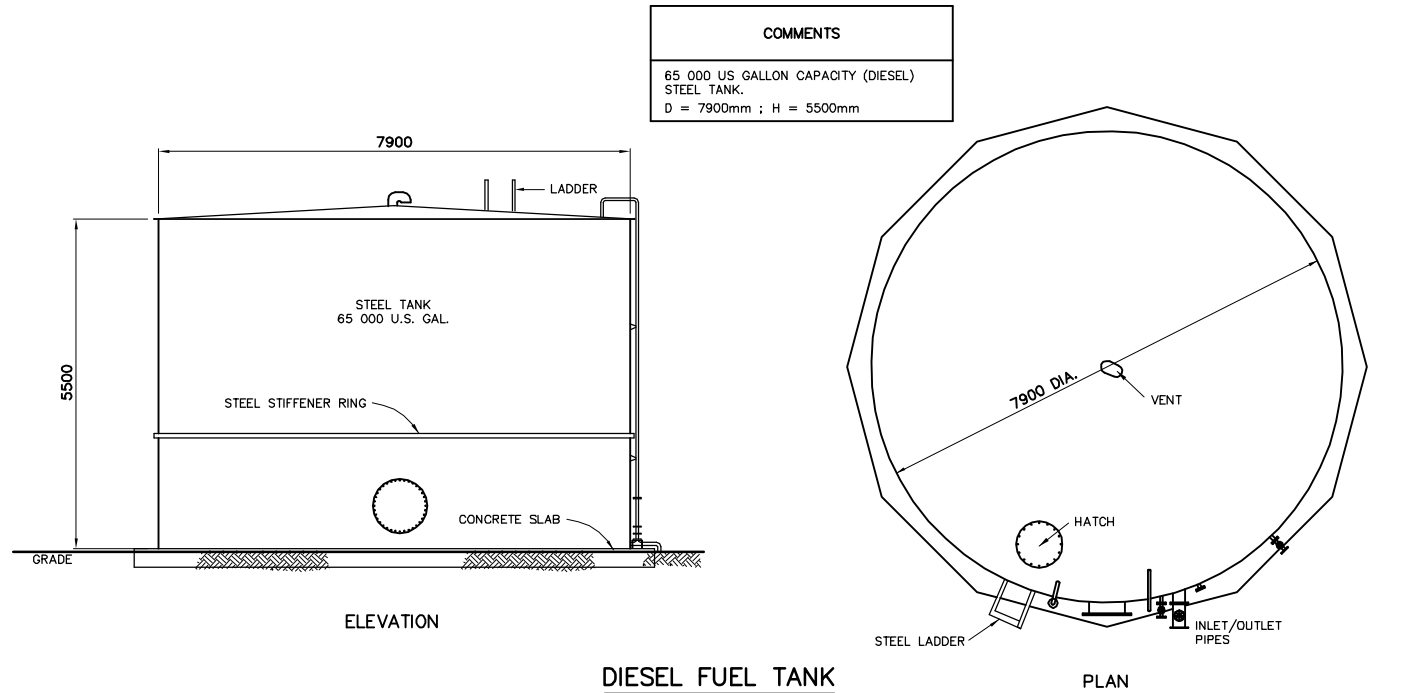
REAR ELEVATION

N.T.S.



SIDE ELEVATION

N.T.S.



National Defence

Défense nationale

Headquarters
Quartier général

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION

DRAFT

UMA | AECOM | HATCH

SCALE - ECHELLE
AS SHOWN

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

DEW LINE CLEAN UP

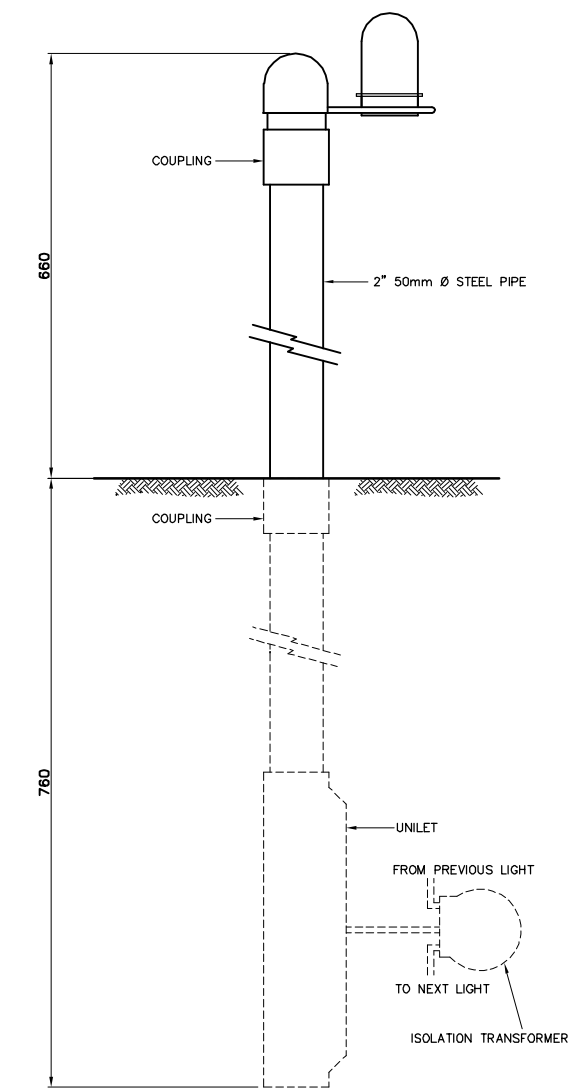
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TRADE - METIER	STRUCTURAL	DATE	2007-06-07
SUBJECT - SUJET	FUEL TANKS PLAN AND ELEVATIONS		

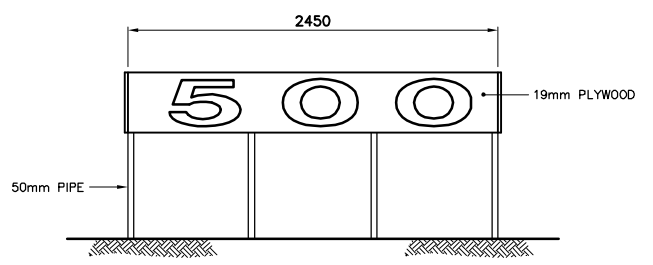
PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE	GRH	DES OFF AGENT CONCEPT
DRAWN DESSINE	CG	SECT HD CHEF SECT
CHECKED VERIFIE	RRM	DES MGR GEST CONCEPT
COORDINATION	SMS	REVIEWED - REVU

DWG. NO. - DESSIN NO.
H-L133/1-9101-212

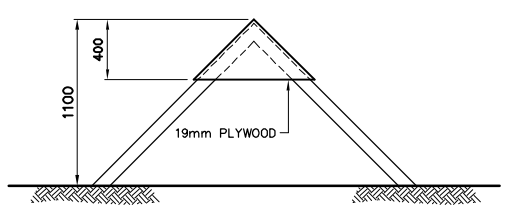
Canada



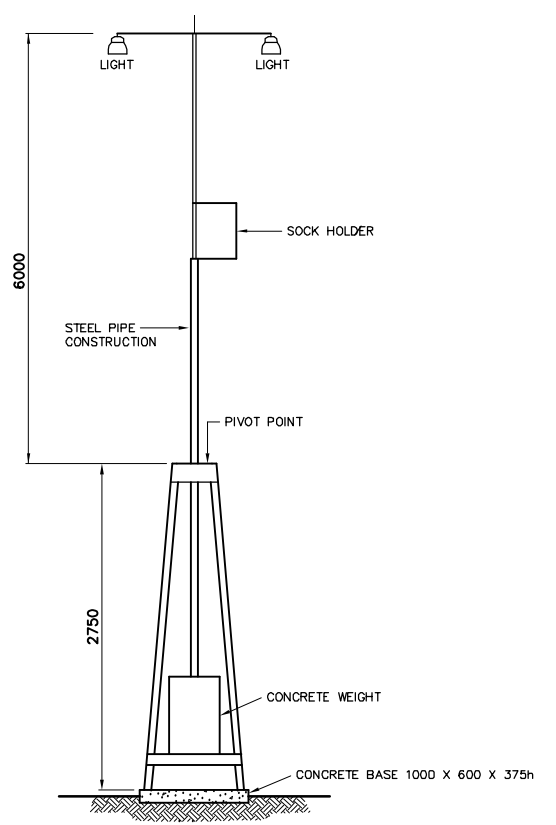
RUNWAY LIGHT
N.T.S.



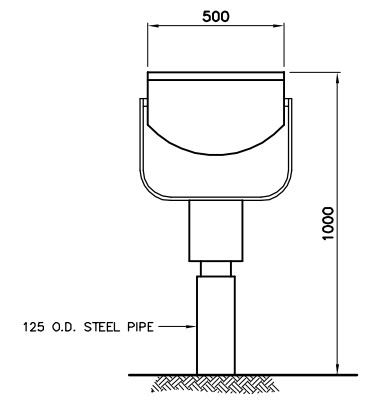
DISTANCE TO GO OR RUNWAY THRESHOLD MARKERS
N.T.S.



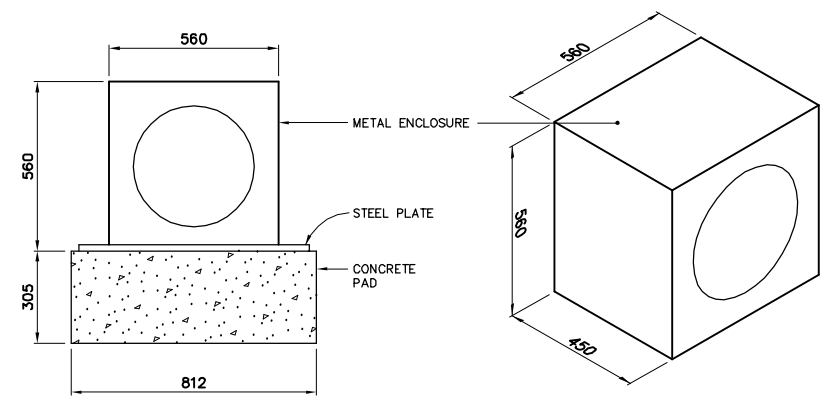
SIDE ELEVATION



WINDSOCK
N.T.S.



CEILING PROJECTOR
N.T.S.



STROBE BEACON LIGHT
N.T.S.

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF DEMOLITION ITEMS.
3. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.

Legend:

A	07-06-07	DRAFT TENDER	RRM
No.	DATE	REVISION	REVISION

DRAFT

SCALE - ECHELLE
AS SHOWN

PROJECT - PROJET
FOX-2 LONGSTAFF BLUFF

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TRADE - METIER
STRUCTURAL

DATE
2007-06-07

SUBJECT - SUJET

**AIRSTRIp ANCILLARY FACILITIES
STANDARD DETAILS**

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

DWG. NO. - DESSIN NO.
H-L133/1-9101-213