

March 21, 2011

Ryan Barry  
Director of Technical Services  
Nunavut Impact Review Board  
P.O. Box 1360  
Cambridge Bay, NU X0B 0C0

Dear Ryan:

**Project No: NIRB No.: 04DN001 2010 Annual Report**

**Regarding: DYE-M, Cape Dyer DEW Line Site**

AECOM Canada Ltd. is providing the following information as per the requirements listed for the annual report. The information is being provided on behalf of Defence Construction Canada and the Department of National Defence.

***a.) Summary of activities undertaken for the year, including but not limited to the amount of contaminated soil removed from the site.***

The contractor for the DYE-M site left at the end of 2009, and notified DCC they would not be returning to the site. As a result, a new tender package and a new contractor would be required for the completion of the work. Therefore, during the 2010 season, the work completed at the DYE-M site was comprised of care and maintenance work, which was carried out by the Canadian Military and a separate contractor. The following is a summary of the work items completed during the 2010 summer construction season:

- Snow clearing and road maintenance.
- Dewatering of existing facilities.
- Demolition of two billboards at the Upper Site
- Construction of a temporary storage area at the beach area to be used for storage of materials to be shipped off-site.

***b.) Work plan for the following year.***

Work planned for the 2011 construction season includes:

- Contaminated soil excavation and disposal
- Landfarming of hydrocarbon impacted areas
- Excavation of two small buried debris areas
- Wastewater treatment

- Barrel processing
- Surface debris removal
- Demolition.

***c.) Update on the extent of contamination on-site and supporting documentation.***

An exhaustive site investigation was completed in 1997, 1998 and 2000 to determine all areas of contamination prior to the preparation of the specifications and drawings.

***d.) Wildlife encounters and actions/mitigation taken.***

Several polar bears were noted throughout the season; however, no mitigative actions were required.

***e.) Summary of local hires and initiatives.***

There were minimal local hires in 2010 due to the implementation of the care and maintenance contract. It is anticipated that in 2011, the hiring of local staff for the work at DYE-M will increase significantly.

***f.) Summary of community consultations undertaken and results (if any).***

The results of the community meetings held by DCC were submitted with the Project Description submission. The contractor typically holds a project start up meeting each year prior to the start of construction.

***g.) Summary of site visits by inspectors with results and follow-up actions.***

N/A

***h.) Summary of site visits with community members.***

N/A.

***i.) Site photos and updated maps.***

See attached.

***j.) Number of barges utilized.***

There was barge trip in August for fuel resupply.

***k.) Issues related to monitoring, including updates to the plan.***

To date, there have been no issues or updates to the monitoring plan.

***l.) Revisions to the abandonment and restoration plan.***

The entire project is an abandonment and restoration plan. There are currently no updates to the plan.

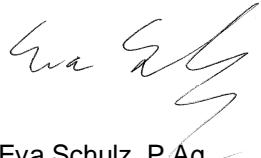
***m.) Summary of how it has complied with all project Terms and Conditions and how the terms and conditions are achieving their purpose.***

The Terms and Conditions supplied by NIRB are consistent with the requirements of the Project Description and Screening Report submitted by DCC, which were based on the specifications and drawings. The specifications and drawings are part of the contract package that the contractor must adhere to, and therefore, contractor compliance with the contract documents ensures compliance



with the NIRB Terms and Conditions. DCC has a Contract Manager on-site for the duration of the construction season to ensure compliance with the contract.

Sincerely,  
**AECOM Canada Ltd.**



Eva Schulz, P.Ag.  
Eva.Schulz@aecom.com

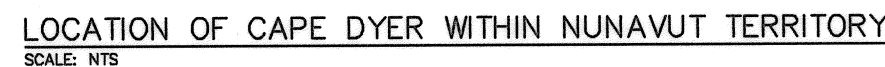
EMS  
Encl. Updated Site Plans; Selected Site Photos  
cc: Tamara Van Dyck, DCC

# DEW LINE CLEAN UP PROJECT



## DYE-M CAPE DYER TENDER DRAWINGS

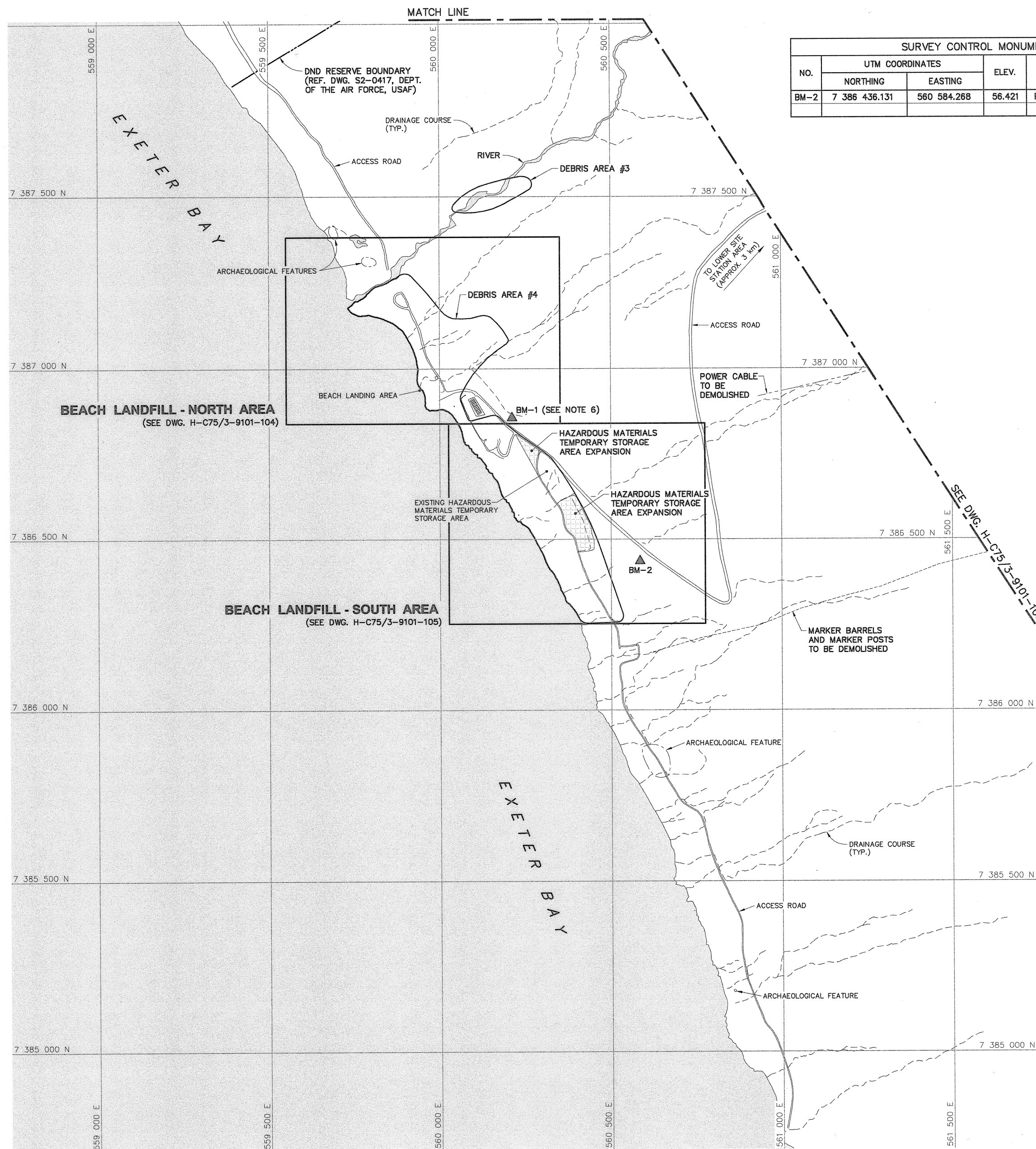
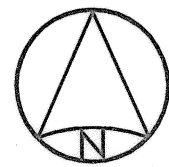
DRAWING INDEX					
DRAWING No.	TITLE	DRAWING No.	TITLE	DRAWING No.	TITLE
SITING		SITING		STRUCTURAL	
H-C75/3-9101-101	OVERALL SITE PLAN	H-C75/3-9101-160	UPPER SITE PROJECT LAYOUT	H-C75/3-9101-202	UPPER SITE DEW DROP AREA DEMOLITION SITE PLAN
H-C75/3-9101-102	LOWER SITE BEACH AREA PROJECT LAYOUT	H-C75/3-9101-161	UPPER SITE DEW DROP AREA PLAN	H-C75/3-9101-203	UPPER SITE STATION AREA DEMOLITION SITE PLAN
H-C75/3-9101-103	LOWER SITE STATION AREA PROJECT LAYOUT	H-C75/3-9101-162	UPPER SITE STATION AREA PLAN SHEET 1	H-C75/3-9101-204	GARAGE PLAN AND SECTION
H-C75/3-9101-104	LOWER SITE BEACH LANDFILL-NORTH AREA PLAN	H-C75/3-9101-163	UPPER SITE STATION AREA PLAN SHEET 2	H-C75/3-9101-205	HEATED VEHICLE STORAGE PLAN, SECTION AND ELEVATIONS
H-C75/3-9101-105	LOWER SITE BEACH LANDFILL-SOUTH AREA PLAN	H-C75/3-9101-164	UPPER SITE SOUTH LANDFILL AREA PLAN	H-C75/3-9101-206	AIR TERMINAL BUILDING PLAN, SECTION AND ELEVATION
H-C75/3-9101-106	LOWER SITE LANDFARM AREA PLAN	H-C75/3-9101-165	UPPER SITE WEST OF STATION AREA PLAN SHEET 1	H-C75/3-9101-207	ATWELL DORMITORY PLAN, SECTION AND ELEVATION
H-C75/3-9101-107	LOWER SITE STATION AREA-NORTH PLAN	H-C75/3-9101-166	UPPER SITE WEST OF STATION AREA PLAN SHEET 2	H-C75/3-9101-208	WAREHOUSE-B13A PLAN AND SECTION
H-C75/3-9101-108	LOWER SITE STATION AREA PLAN	H-C75/3-9101-167	UPPER SITE WEST OF STATION AREA PLAN SHEET 3	H-C75/3-9101-209	WAREHOUSE-B13B PLAN AND SECTION
H-C75/3-9101-109	LOWER SITE LOWER CAMP LANDFILL AREA PLAN	H-C75/3-9101-168	UPPER SITE NON-HAZARDOUS WASTE LANDFILL CROSS SECTION	H-C75/3-9101-210	WAREHOUSE-B13F PLAN AND SECTION
H-C75/3-9101-110	LOWER SITE TIER II DISPOSAL FACILITY AREA PLAN	H-C75/3-9101-169	UPPER SITE TIER II DISPOSAL FACILITY GRADING/INSTRUMENTATION PLAN	H-C75/3-9101-211	WAREHOUSE-B13E PLAN AND SECTION
H-C75/3-9101-111	LOWER SITE LANDFARM CROSS SECTION AND CLOSURE DETAIL	H-C75/3-9101-170	UPPER SITE TIER II DISPOSAL FACILITY CROSS SECTION	H-C75/3-9101-212	FUEL TANKS ELEVATIONS
H-C75/3-9101-112	LOWER SITE NON-HAZARDOUS WASTE LANDFILL CROSS SECTION			H-C75/3-9101-213	BUILDING LINK SECTION AND ELEVATION
H-C75/3-9101-113	LOWER SITE TIER II DISPOSAL FACILITY CROSS SECTION SHEET 1	H-C75/3-9101-190	MISCELLANEOUS DETAILS SHEET 1	H-C75/3-9101-214	SMALL COMMUNICATION BILLBOARD, FEEDHORN FOUNDATION PLAN, SECTION AND ELEVATIONS
H-C75/3-9101-114	LOWER SITE TIER II DISPOSAL FACILITY CROSS SECTION SHEET 2	H-C75/3-9101-191	MISCELLANEOUS DETAILS SHEET 2	H-C75/3-9101-215	LARGE COMMUNICATION BILLBOARD PLAN, SECTION AND ELEVATION
				H-C75/3-9101-216	SWITCHING CENTRE AND COMMUNICATION BUILDING PLAN AND SECTION
H-C75/3-9101-150	MIDDLE SITE SITE PLAN	STRUCTURAL		H-C75/3-9101-217	POWER AND EQUIPMENT BUILDING PLAN AND SECTION
		H-C75/3-9101-201	LOWER SITE STATION AREA DEMOLITION SITE PLAN	H-C75/3-9101-218	POWERHOUSE PLAN, SECTIONS AND ELEVATION
				© COPYRIGHT HER MAJESTY THE QUEEN IN RIGHT OF CANADA 2010, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE.	



\* LIMITED QUANTITIES OF TYPE 3.  
 \*\* LIMITED QUANTITIES OF TYPE 2.  
 \*\*\* SIGNIFICANT AMOUNTS OF OVERSIZE.  
 \*\*\*\* REFER TO DYE-M GEOTECHNICAL REPORTS AND INFORMATION.

Canada 101






SURVEY CONTROL MONUMENTS				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
BM-2	7 386 436.131	560 584.268	56.421	PERMANENT BENCHMARK


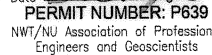
- General Notes:
1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HT2\_0.
  2. ARCHAEOLOGICAL FEATURES LOCATED AS PER ENVIRONMENTAL CLEAN UP STUDY OF 21 DEW LINE SITES IN CANADA, VOL. 23, UMA 1991.
  3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  4. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN LOWER SITE NON-HAZARDOUS WASTE LANDFILL.
  5. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
  6. BM-1 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.

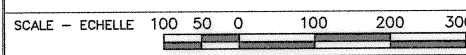
- Legend:
- ▲ BM-1 PERMANENT BENCHMARK LOCATION (2)
  - BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
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PROFESSIONAL ENGINEER  
NWT/NUT  
Dec 14/16

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



PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP  
© COPYRIGHT  
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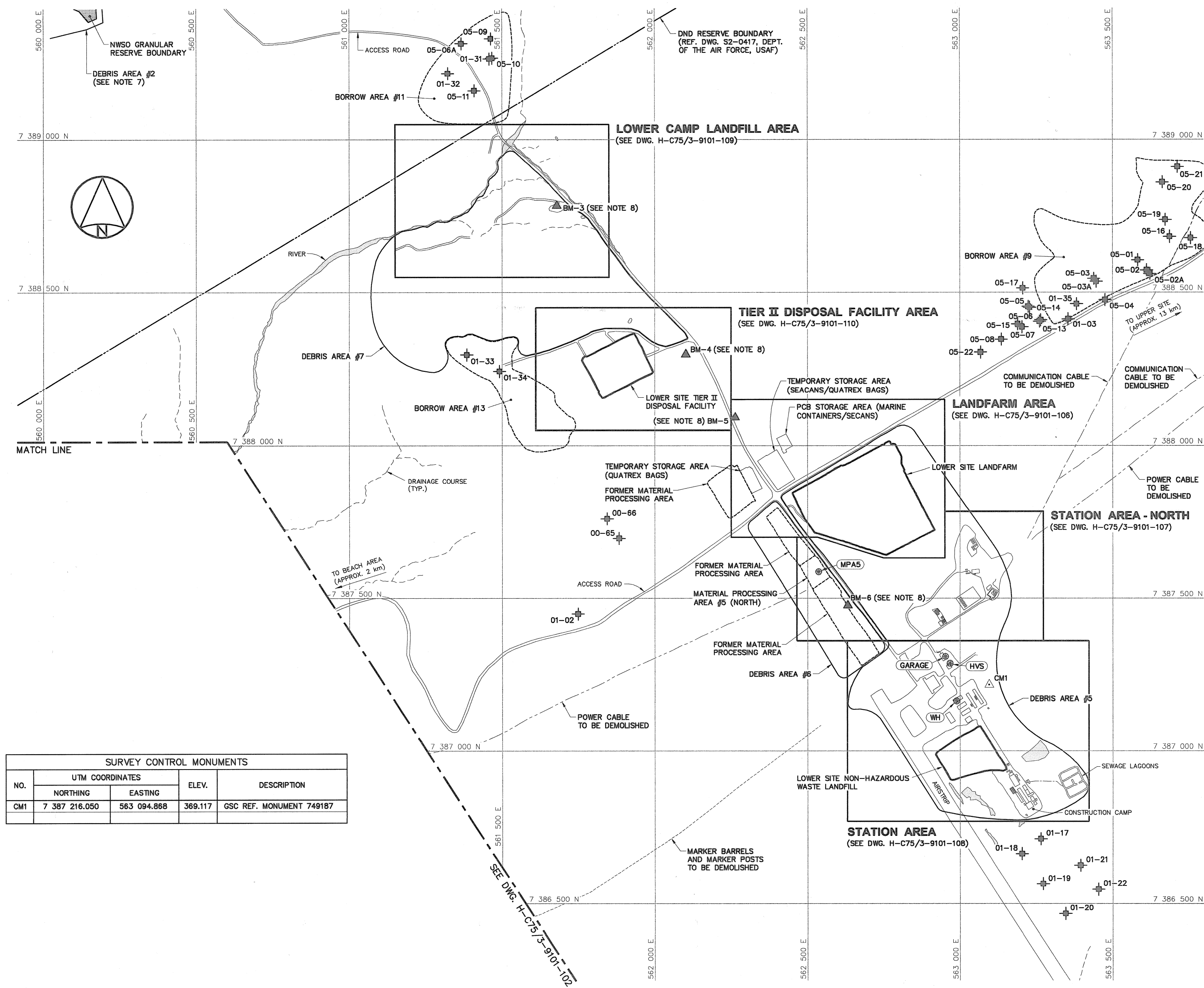
TRADE - METIER  
SITING  
DATE  
2010-12-07

SUBJECT - SUJET  
LOWER SITE  
BEACH AREA  
PROJECT LAYOUT


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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-102






SURVEY CONTROL MONUMENTS				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM1	7 387 216.050	563 094.868	369.117	GSC REF. MONUMENT 749187



National  
Défense




Désense  
nationale

Headquarters  
Quartier général


General Notes:

- ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HT2\_0.
- ARCHAEOLOGICAL FEATURES LOCATED AS PER ENVIRONMENTAL CLEAN UP STUDY OF 21 DEW LINE SITES IN CANADA, VOL. 23, UMA 1991.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN LOWER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
- FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-101.
- BM-3, BM-4, BM-5 AND BM-6 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.


Legend:

 CM1


SURVEY CONTROL MONUMENT

 BM-3


PERMANENT BENCHMARK LOCATION (4)



CONTAMINATED AREA




TEST PIT LOCATION



BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.



Dec 16/16

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AECOM Canada Ltd.

Signature: [Signature]

Date: [Date]

PERMIT NUMBER: P639

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HATCH

SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJET DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER SITING

DATE 2010-12-07

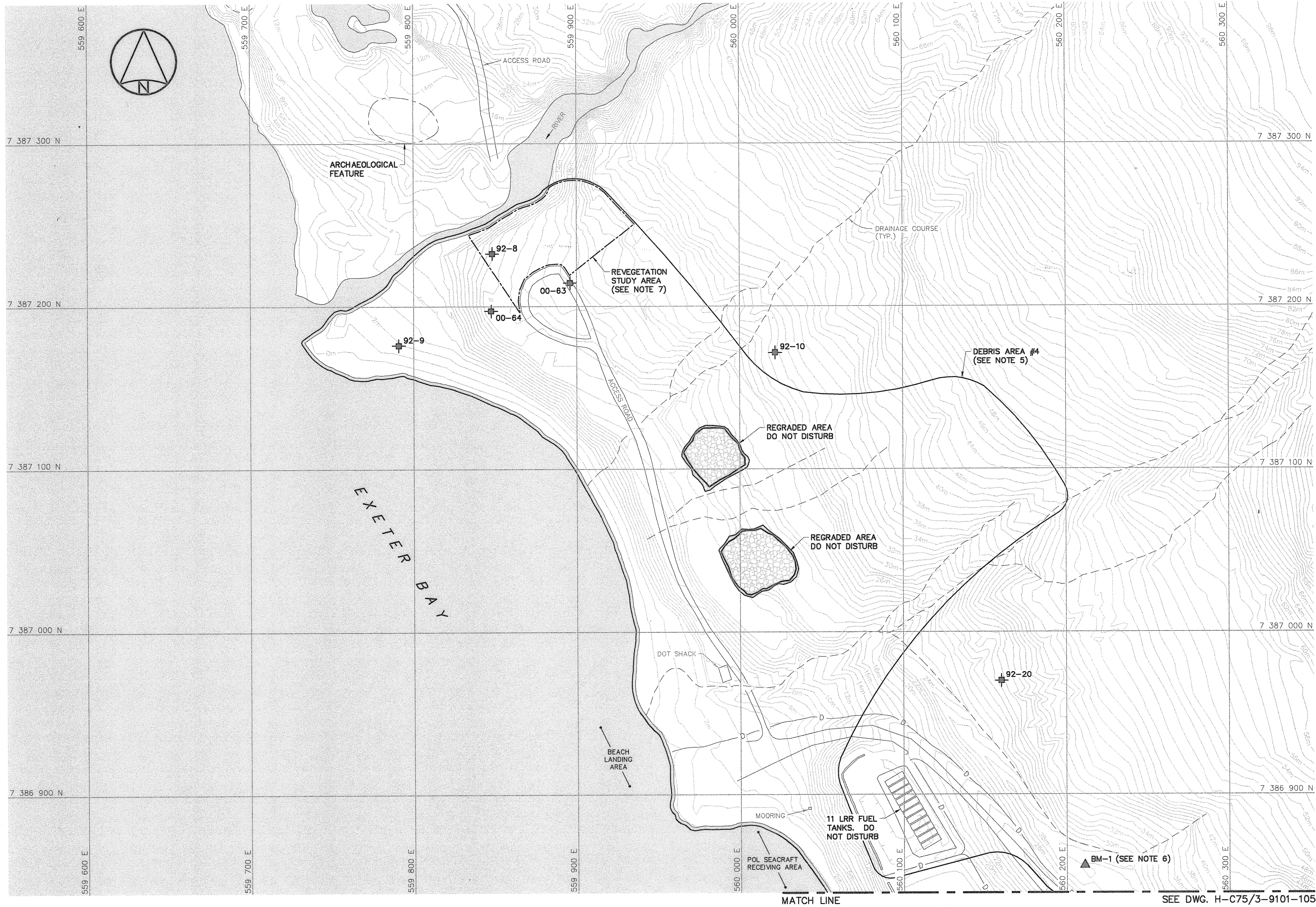
SUBJECT - SUJET LOWER SITE STATION AREA PROJECT LAYOUT

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-103

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Défense

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nationale

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General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 LOWER SITE NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-102.
6. BM-1 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.
7. ACCESS RESTRICTED TO FOOT TRAFFIC ONLY UNLESS AUTHORIZED BY THE ENGINEER.

Legend:

- ▲ BM-1 PERMANENT BENCHMARK LOCATION (1)
- ⊕ TEST PIT LOCATION
- ▨ TYPE 1 GRANULAR FILL
- BODY OF WATER
- D DITCH

No.	DATE	REVISION	REVISION	APPR.
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AECOM Canada Ltd.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
NWT/NU Association of Professional  
Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
LOWER SITE  
BEACH LANDFILL-NORTH AREA  
PLAN

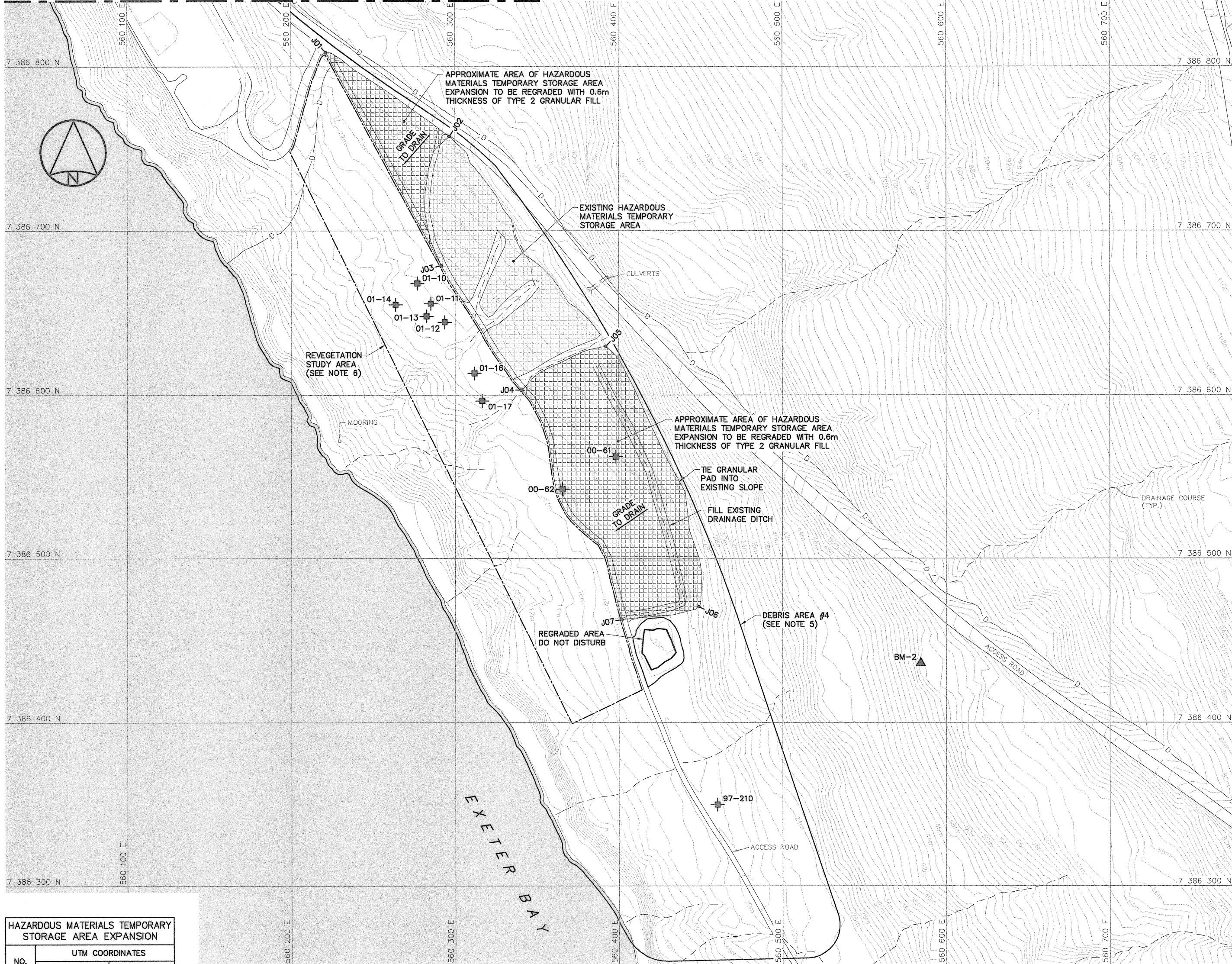
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTM/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DNF	DES NGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-104

Canada



MATCH LINE SEE DWG. H-C75/3-9101-104



HAZARDOUS MATERIALS TEMPORARY STORAGE AREA EXPANSION			
NO.	UTM COORDINATES		
	NORTHING	EASTING	
J01	7 386 808.6	560 221.1	
J02	7 386 757.5	560 296.4	
J03	7 386 678.9	560 291.5	
J04	7 386 603.1	560 340.7	
J05	7 386 629.8	560 392.0	
J06	7 386 470.5	560 448.6	
J07	7 386 462.6	560 401.8	

SURVEY CONTROL MONUMENTS			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
BM-2	7 386 436.131	560 584.268	56.421
			PERMANENT BENCHMARK

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 LOWER SITE NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-102.
6. ACCESS RESTRICTED TO FOOT TRAFFIC ONLY UNLESS AUTHORIZED BY THE ENGINEER.

Legend:

- ▲ BM-2 PERMANENT BENCHMARK LOCATION (1)
- COORDINATE POINT
- ⊕ TEST PIT LOCATION
- BODY OF WATER
- D- DITCH

No.	DATE	REVISION	REVISION	APPR.
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PERMIT TO PRACTICE  
AECOM Canada Ltd.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
NWT/NJ Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER  
SITING

DATE  
2010-12-07

SUBJECT - SUJET

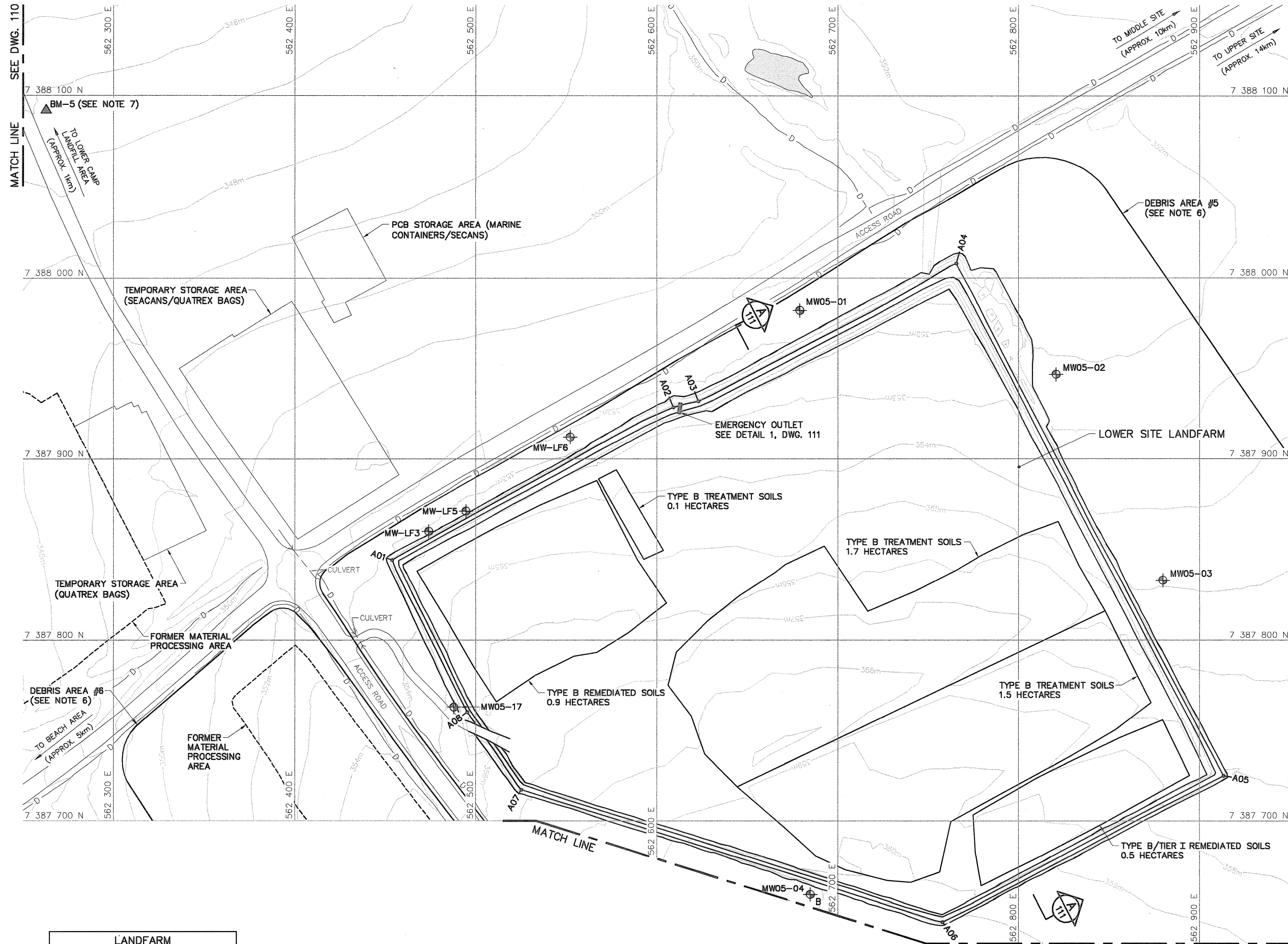
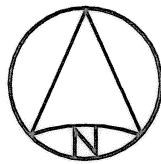
LOWER SITE  
BEACH LANDFILL-SOUTH AREA  
PLAN

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-105

Canada





LANDFARM BERM (EXISTING)		
NO.	UTM COORDINATES	
	NORTHING	EASTING
A01	7 387 844.5	562 453.8
A02	7 387 928.5	562 609.1
A03	7 387 931.9	562 623.1
A04	7 388 008.1	562 765.6
A05	7 387 724.9	562 913.4
A06	7 387 644.4	562 757.9
A07	7 387 717.2	562 525.2
A08	7 387 760.1	562 495.3

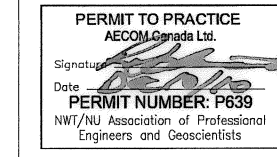
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 LOWER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-103.
7. BM-5 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.

Legend:

- ▲ BM-5 PERMANENT BENCHMARK LOCATION (1)
- A01 COORDINATE POINT
- ⊕ MONITORING WELL LOCATION (7)
- ⊕ B BACKGROUND MONITORING WELL LOCATION (1)
- BODY OF WATER
- D DITCH

No.	DATE	REVISION	REVISION	APPR.



AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

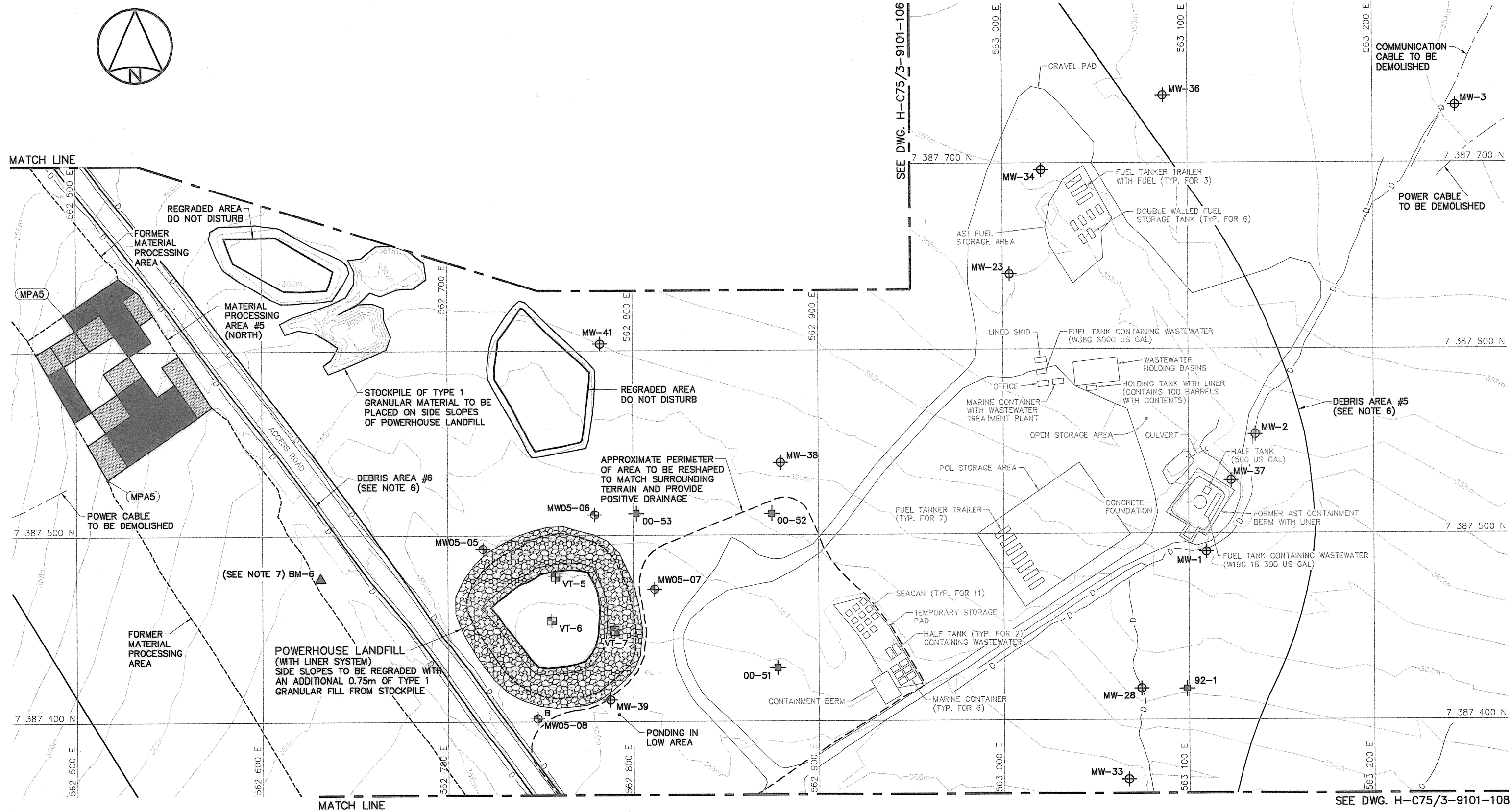
TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
LOWER SITE  
LANDFARM AREA  
PLAN

PRODUCTION		CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE	DTH/THE	DES OFF AGENT CONCEPT	
DRAWN DESSINE	IC/CAE	SECT HD CHEF SECT	
CHECKED VERIFIE	DIUF	DES MGR GEST CONCEPT	
COORDINATION RRM		REVIEWED - REVU	

DWG. NO. - DESSIN NO.  
H-C75/3-9101-106

Canada



CONTAMINATED SOIL TO BE EXCAVATED				
AREA NO.	APPROX. AREA (m <sup>2</sup> )	ESTIMATED IN PLACE VOLUME (m <sup>3</sup> )	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
MPA5	1747	350	7 387 530.8	562 516.8
DCC TIER II				
MPA5	2303	981	7 387 620.1	562 493.5

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

National  
Défense

Défense  
nationale

Headquarters  
Quartier général

General Notes:

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2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
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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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-103.
7. BM-6 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.

Legend:

▲ BM-6

■ DCC TIER I CONTAMINATED SOIL

■ DCC TIER II CONTAMINATED SOIL

⊕ TEST PIT LOCATION

⊕ SITE INVESTIGATION MONITORING WELL LOCATION

⊕ MONITORING WELL LOCATION (3)

⊕ BACKGROUND MONITORING WELL LOCATION (1)

⊕ VERTICAL GROUND TEMPERATURE CABLE LOCATION (3)

— DITCH

No.	DATE	REVISION	REVISION	APPR.

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

AECOM

HATCH

SCALE - ÉCHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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CANADA 2010, AS REPRESENTED BY THE  
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TRADE - MÉTIER  
SITING

DATE  
2010-12-07

SUBJECT - SUJET  
LOWER SITE  
STATION AREA-NORTH  
PLAN











PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTR/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VÉRIFIÉ DVF	DES MGR GEST CONCEPT
COORDINATION RHM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-107

Canada



1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 LOWER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-103.

	SURVEY CONTROL MONUMENT
	DCC TIER I CONTAMINATED SOIL
	DCC TIER II CONTAMINATED SOIL
	HYDROCARBON - TYPE B CONTAMINATED SOIL
	COORDINATE POINT
	TEST PIT LOCATION
	SITE INVESTIGATION MONITORING WELL LOCATION
	MONITORING WELL LOCATION (4)
	BACKGROUND MONITORING WELL LOCATION (1)
	DITCH

**PERMIT TO PRACTICE**  
AECOM Canada Ltd.  
Signature: \_\_\_\_\_  
Date: Dec 10/00  
**PERMIT NUMBER: P639**  
NWT/NU Association of Professional  
Engineers and Geoscientists



SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJCT  
DYE-M CAPE DYER

## DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER	SITING	DATE 2010-12-07
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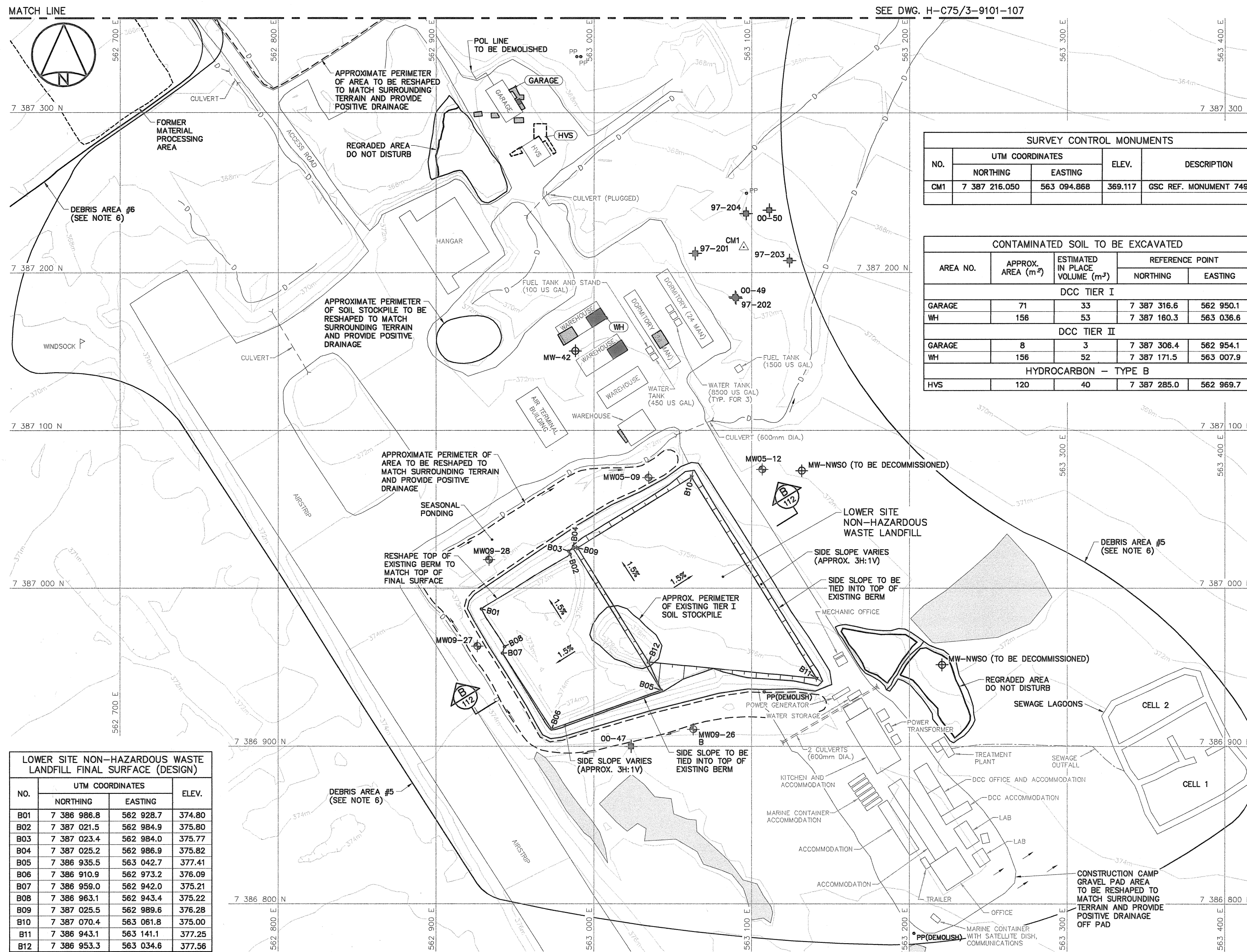
SUBJECT - SUJET
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LOWER SITE  
STATION AREA  
PLAN

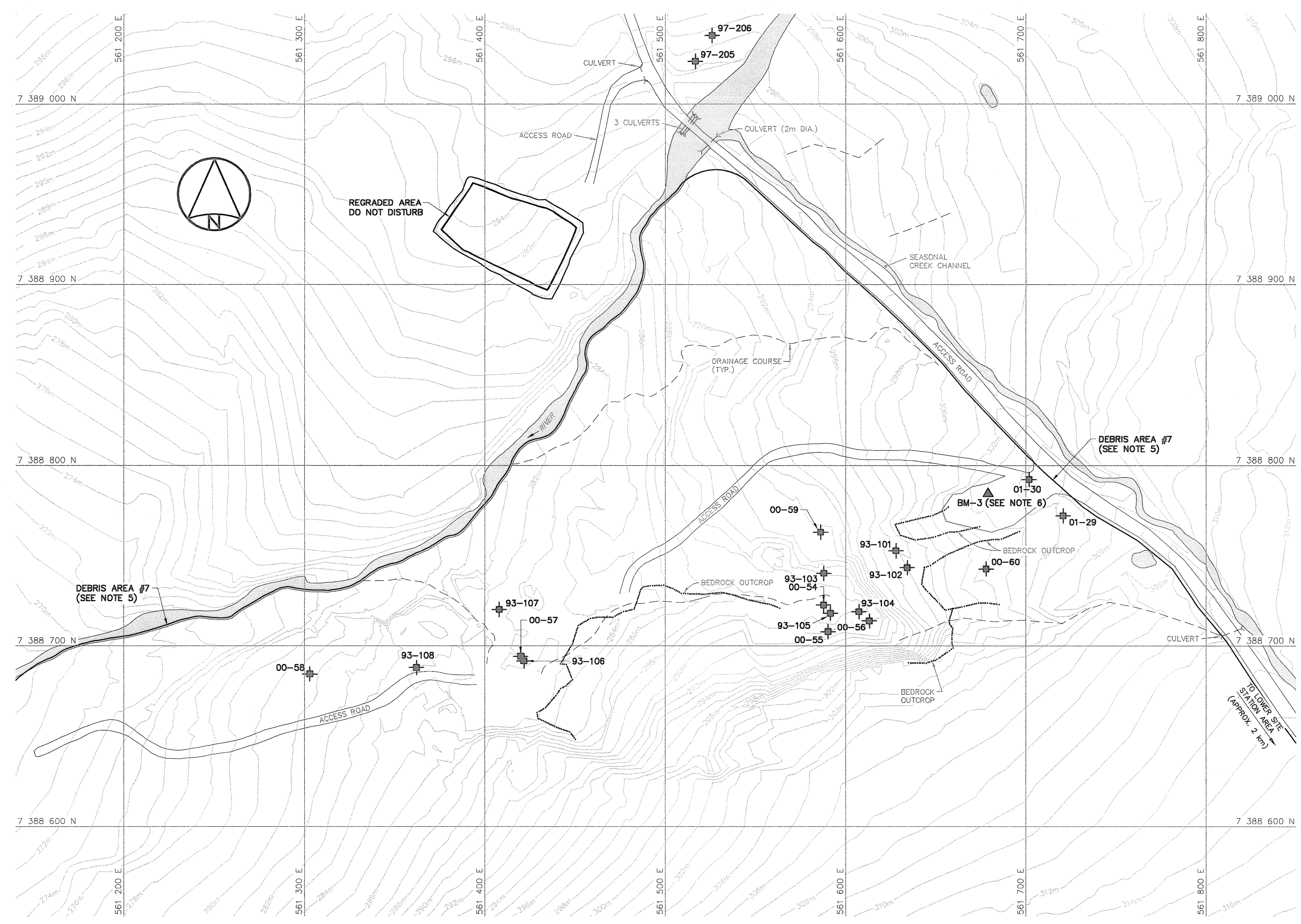
PRODUCTION	CONCURRENCE — ASSENTIMENT	
DESIGNED ETUDE <i>DTM/TME</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/C&amp;E</i>		SECT HD CHEF SECT
CHECKED VERIFIE <i>DWF</i>		DES MGR GEST CONCEPT
COORDINATION <i>PRM</i>	REVIEWED — REVU	

DWG. NO. — DESSIN NO.  
H-C75/3-9101-108

Canada






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




General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 LOWER SITE NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-103.
6. BM-3 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.


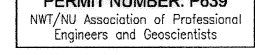
Legend:



-  BM-3 PERMANENT BENCHMARK LOCATION (1)
-  TEST PIT LOCATION
-  BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
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PROFESSIONAL ENGINEER  
NWT/NU  
2010/10

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

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
LOWER SITE  
LOWER CAMP LANDFILL AREA  
PLAN

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE <i>DTM/THE</i>	DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/CNE</i>	SECT HD CHEF SECT
CHECKED VERIFIE <i>DWF</i>	DES MGR GEST CONCEPT
COORDINATION <i>RRM</i>	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-109




General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HTZ\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN AREA TO BE PLACED IN LOWER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.
7. FOR VERTICAL GROUND TEMPERATURE CABLE INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-190. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.
8. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-103.
9. BM-4 TO BE TIED INTO SITE SURVEY COORDINATE SYSTEM.

Legend:

- ▲ BM-4 PERMANENT BENCHMARK LOCATION (1)
- COORDINATE POINT
- ⊕ TEST PIT LOCATION
- ⊕ MONITORING WELL LOCATION (3)
- ⊕ BACKGROUND MONITORING WELL LOCATION (1)
- ⊕ VERTICAL GROUND TEMPERATURE CABLE LOCATION (5)
- BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
-----	------	----------	----------	-------



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AECOM Canada Ltd.

Signature: *[Signature]*

Date: *[Date]*

PERMIT NUMBER: P639

NWT/NJ Association of Professional Engineers and Geoscientists

AECOM HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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CANADA 2010, AS REPRESENTED BY THE  
MINISTER OF NATIONAL DEFENCE.

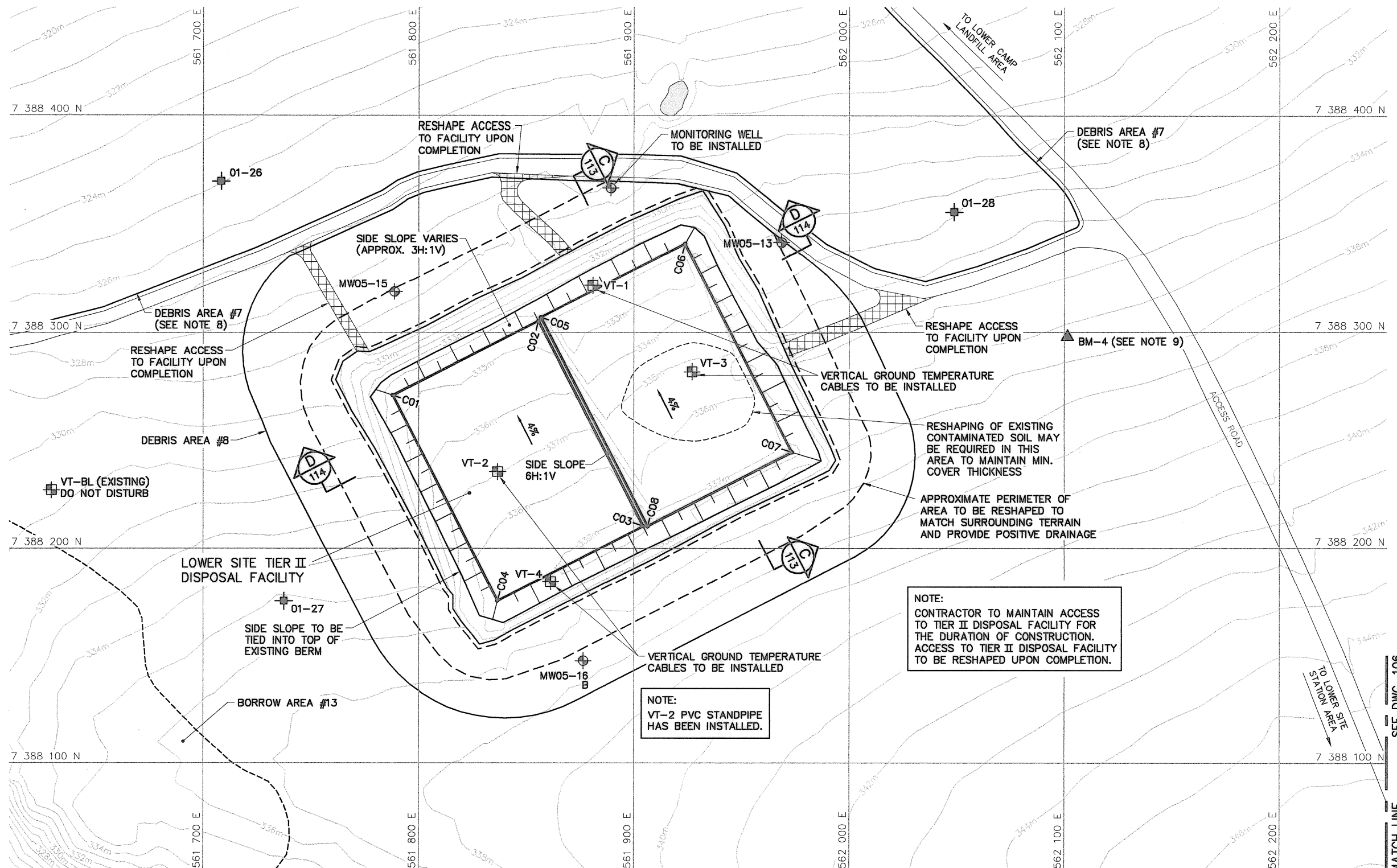
TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
LOWER SITE  
TIER II DISPOSAL FACILITY AREA  
PLAN

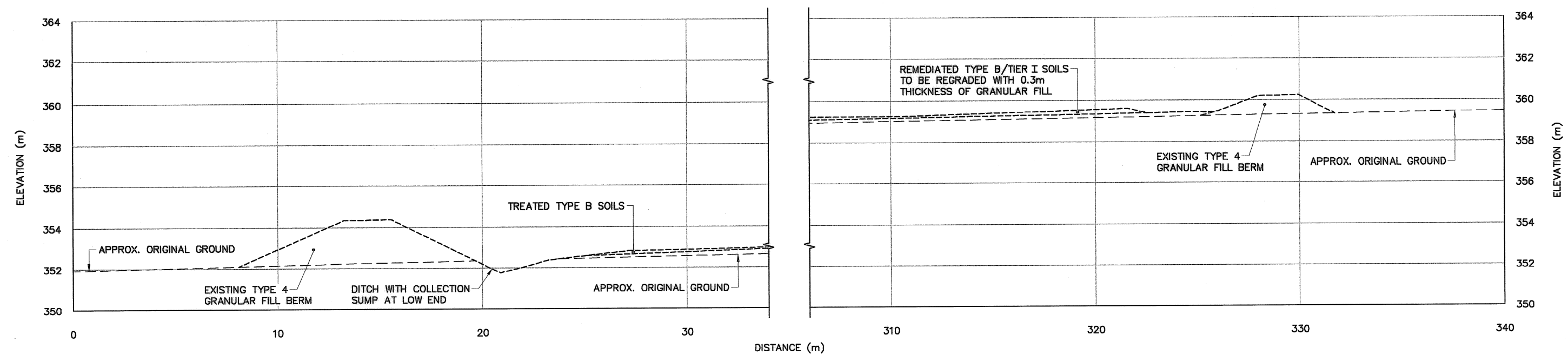
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTM/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-110

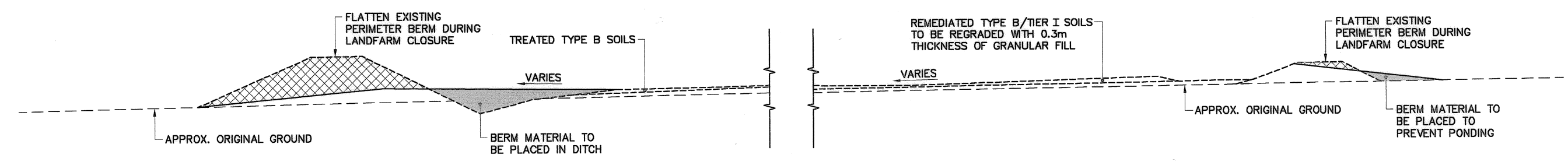
Canada



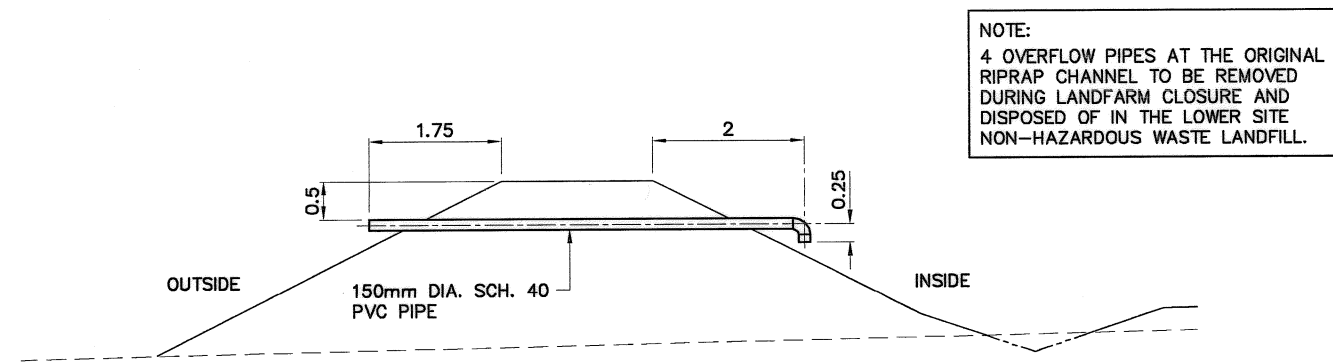
LOWER SITE TIER II DISPOSAL FACILITY FINAL SURFACE (DESIGN)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
C01	7 388 270.8	561 788.0	337.16
C02	7 388 305.4	561 855.7	337.16
C03	7 388 210.1	561 904.4	341.44
C04	7 388 175.5	561 836.7	341.44
C05	7 388 307.1	561 856.8	336.82
C06	7 388 341.3	561 923.8	336.82
C07	7 388 244.2	561 973.4	341.18
C08	7 388 210.0	561 906.4	341.18



SECTION A  
106




TYPICAL LANDFARM CLOSURE DETAIL  
SCALE: NTS



SECTION  
DETAIL 1  
106  
SCALE: NTS  
EMERGENCY OUTLET

NOTE:  
4 OVERFLOW PIPES AT THE ORIGINAL RIPRAP CHANNEL TO BE REMOVED DURING LANDFARM CLOSURE AND DISPOSED OF IN THE LOWER SITE NON-HAZARDOUS WASTE LANDFILL.


**National  
Défense**

**Défense  
nationale**

**Headquarters  
Quartier général**


General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HT2\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

Legend:


- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- - - - - GENERATED BASED ON EXISTING SURVEY INFORMATION
- - - - - GENERATED BASED ON ORIGINAL SURVEY INFORMATION


No.	DATE	REVISION	REVISION	APPR.



PROFESSIONAL  
ENGINEER  
REGULATED  
BY THE  
GOVERNMENT OF  
CANADA


PERMIT TO PRACTICE  
AECOM Canada Ltd.


Signature: 

Date: 

PERMIT NUMBER: P639

NWT/NL Association of Professional Engineers and Geoscientists





SCALE - ÉCHELLE 
2
1
0
2
4
6m

PROJECT - PROJET  
**DYE-M CAPE DYER**

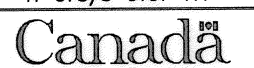
**DEW LINE CLEAN UP**

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MINISTER OF NATIONAL DEFENCE.

TRADE - MÉTIER <b>SITING</b>	DATE <b>2010-12-07</b>
SUBJECT - SUJET <b>LOWER SITE LANDFARM CROSS SECTION AND CLOSURE DETAIL</b>	

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE <i>DTM/THE</i>	DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/CAE</i>	SECT HD CHEF SECT
CHECKED VERIFIÉ <i>BWF</i>	DES MGR GEST CONCEPT
COORDINATION <i>RRM</i>	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-111



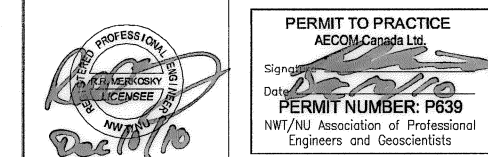
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HT2\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. USE STOCKPILED TIER I SOIL FOR INTERMEDIATE COVER AS REQUIRED.
4. DURING THE COURSE OF WASTE PLACEMENT, UTILIZE ENTIRE FLOOR OF LANDFILL AND MAINTAIN A LEVEL WASTE LAYER. PLACE WASTE LAYERS IN PROGRESSIVE HORIZONTAL LIFTS THAT EXTEND ACROSS THE ENTIRE LANDFILL FLOOR.

Legend:

- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- - - GENERATED BASED ON EXISTING SURVEY INFORMATION
- - - GENERATED BASED ON ORIGINAL SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.
-----	------	----------	----------	-------



AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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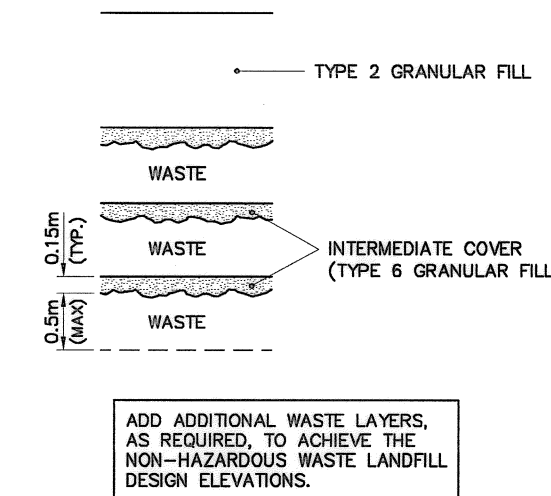
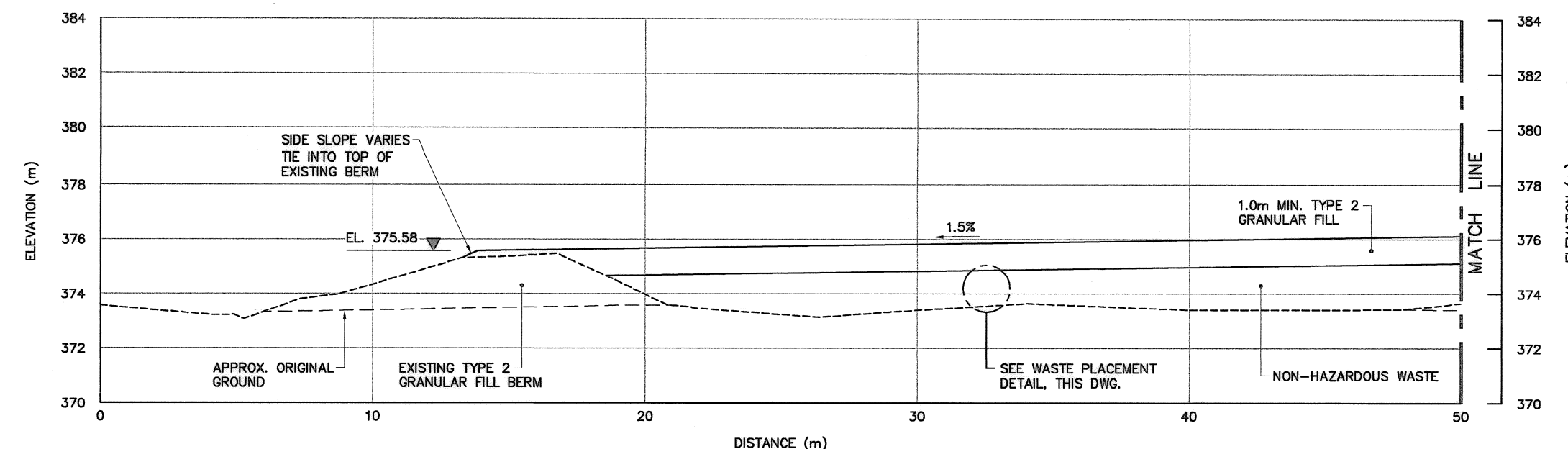
TRADE - METIER SITING DATE 2010-12-07

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

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

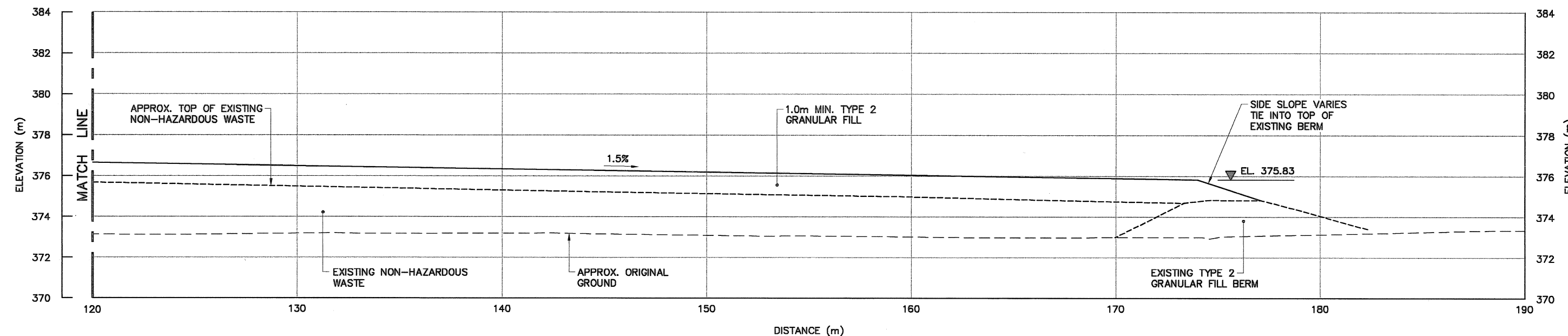
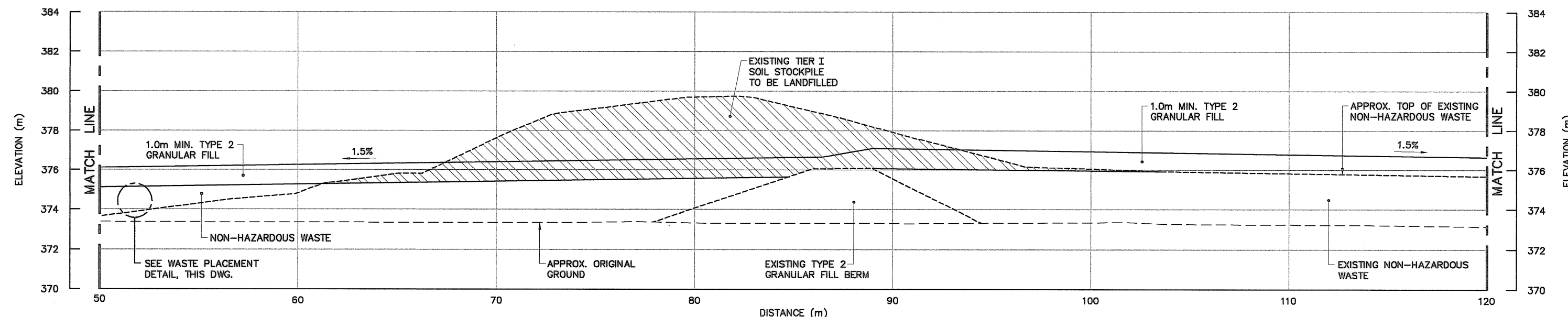
DWG. NO. - DESSIN NO.  
H-C75/3-9101-112

Canada



WASTE PLACEMENT DETAIL

SCALE: NTS



SECTION B  
108

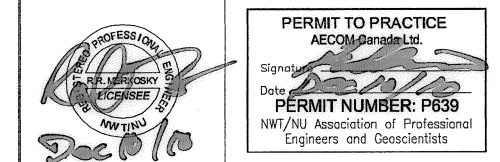
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOD MODEL CANADIAN HT2.0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. TYPE 6 INTERMEDIATE FILL ONLY REQUIRED FOR LANDFILLING OF ORGANIC OR WET SOILS, AS DIRECTED BY THE ENGINEER.

Legend:

- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- GENERATED BASED ON EXISTING SURVEY INFORMATION
- GENERATED BASED ON ORIGINAL SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.



AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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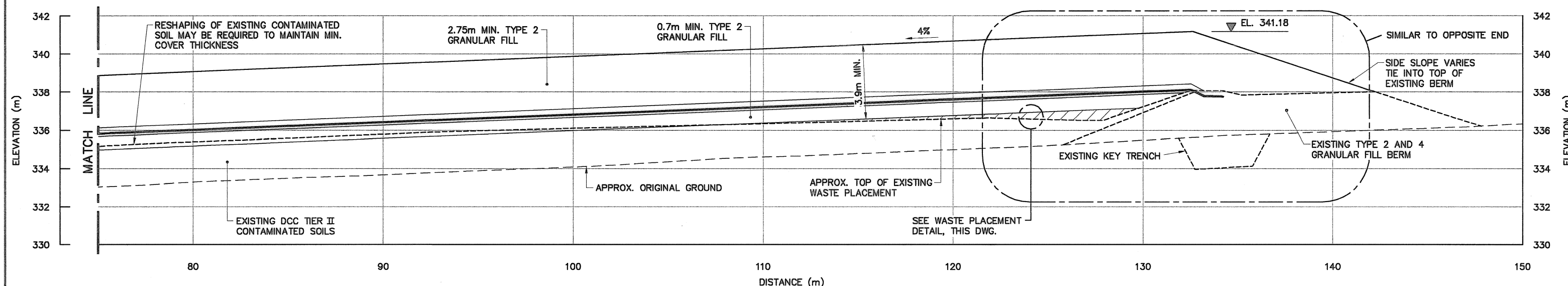
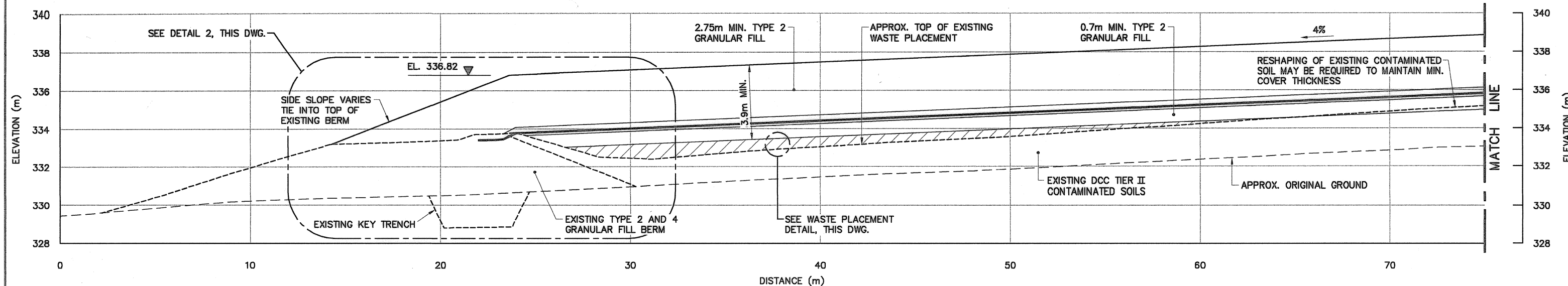
TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
LOWER SITE  
TIER II DISPOSAL FACILITY  
CROSS SECTION SHEET 1

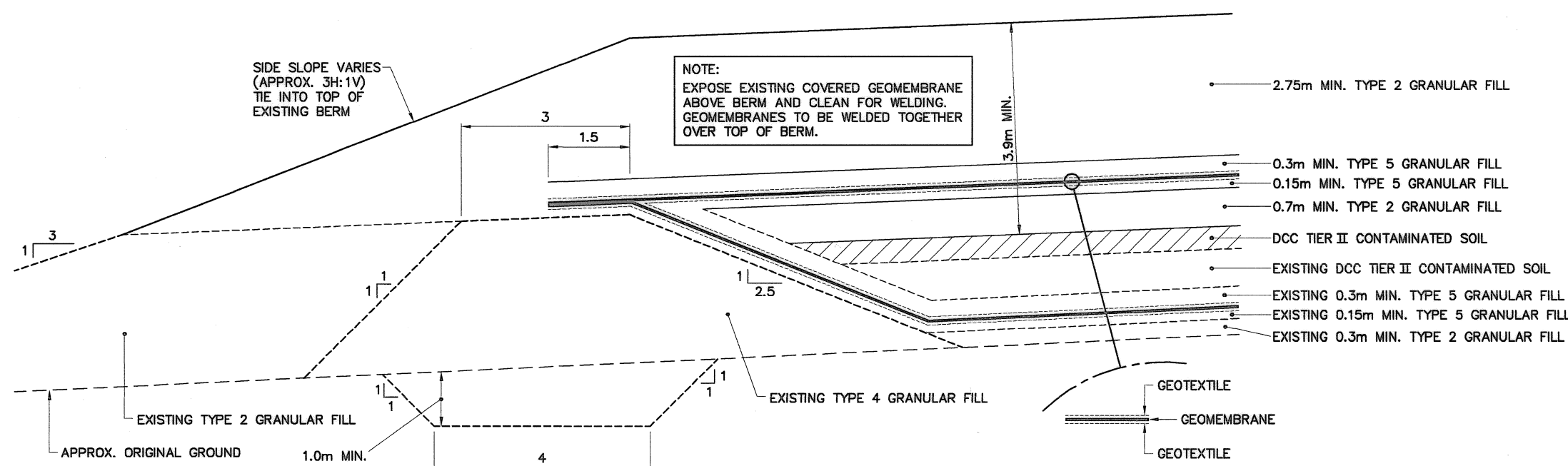
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIÉ DTM/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIÉ DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-113

Canada

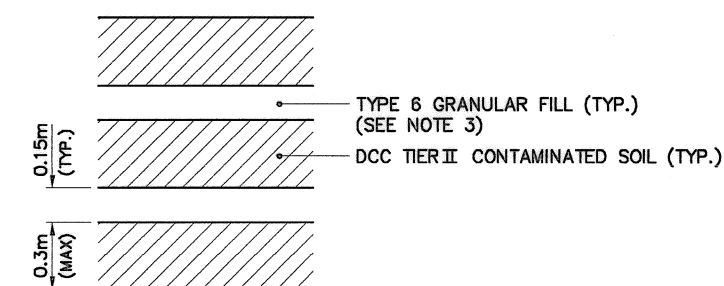


SECTION C  
110



DETAIL  
SCALE: NTS  
2  
113,114

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



WASTE PLACEMENT DETAIL  
SCALE: NTS



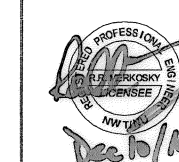
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HT2\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. PROTECT GEOMEMBRANE LINERS DURING CONSTRUCTION.

Legend:

- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- - - - - GENERATED BASED ON EXISTING SURVEY INFORMATION
- - - - - GENERATED BASED ON ORIGINAL SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.



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

AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
DYE-M CAPE DYER

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TRADE - METIER SITING DATE 2010-12-07

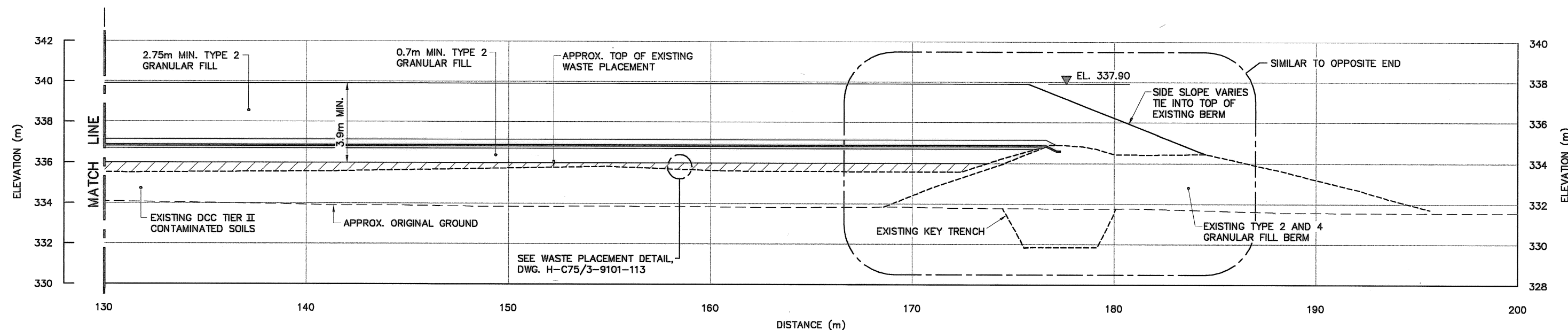
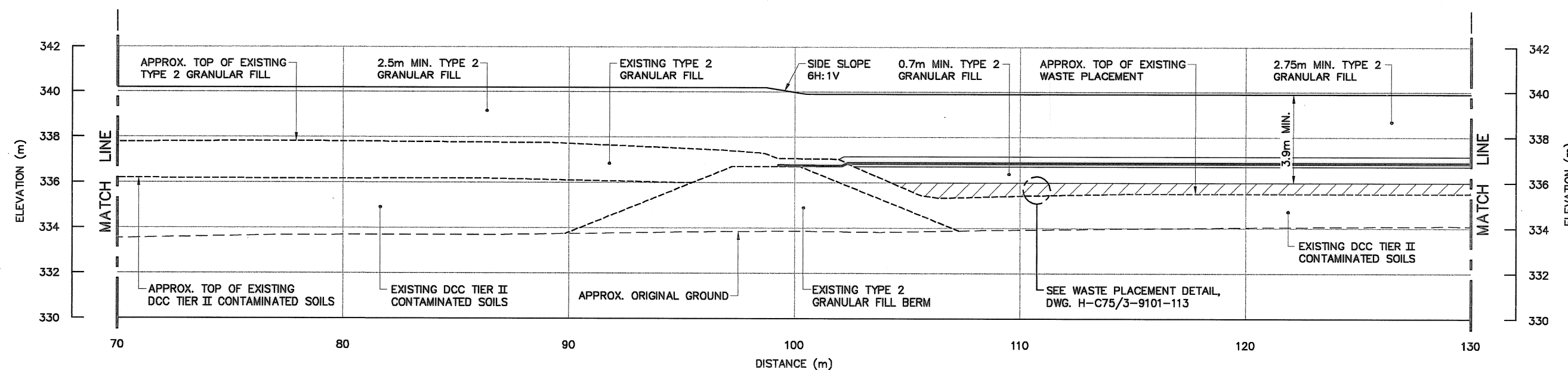
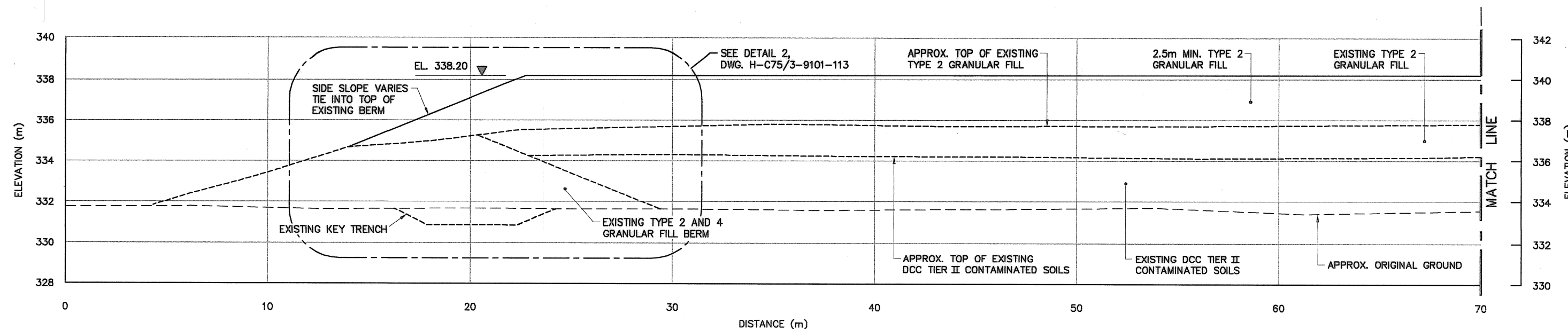
SUBJECT - SUJET

LOWER SITE  
TIER II DISPOSAL FACILITY  
CROSS SECTION SHEET 2

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-114

Canada



SECTION D  
110

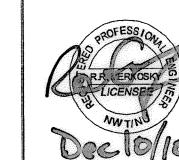
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 UPPER SITE NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.

Legend:

- ▲ BM-7 PERMANENT BENCHMARK LOCATION (1)
- ⊕ TEST PIT LOCATION
- ⊕ SITE INVESTIGATION MONITORING WELL LOCATION
- BODY OF WATER
- DITCH

No.	DATE	REVISION	REVISION	APPR.
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PERMIT TO PRACTICE  
AECOM Canada Ltd.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
NWT/NJ Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE 40 20 0 40 80 120m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2010-12-07

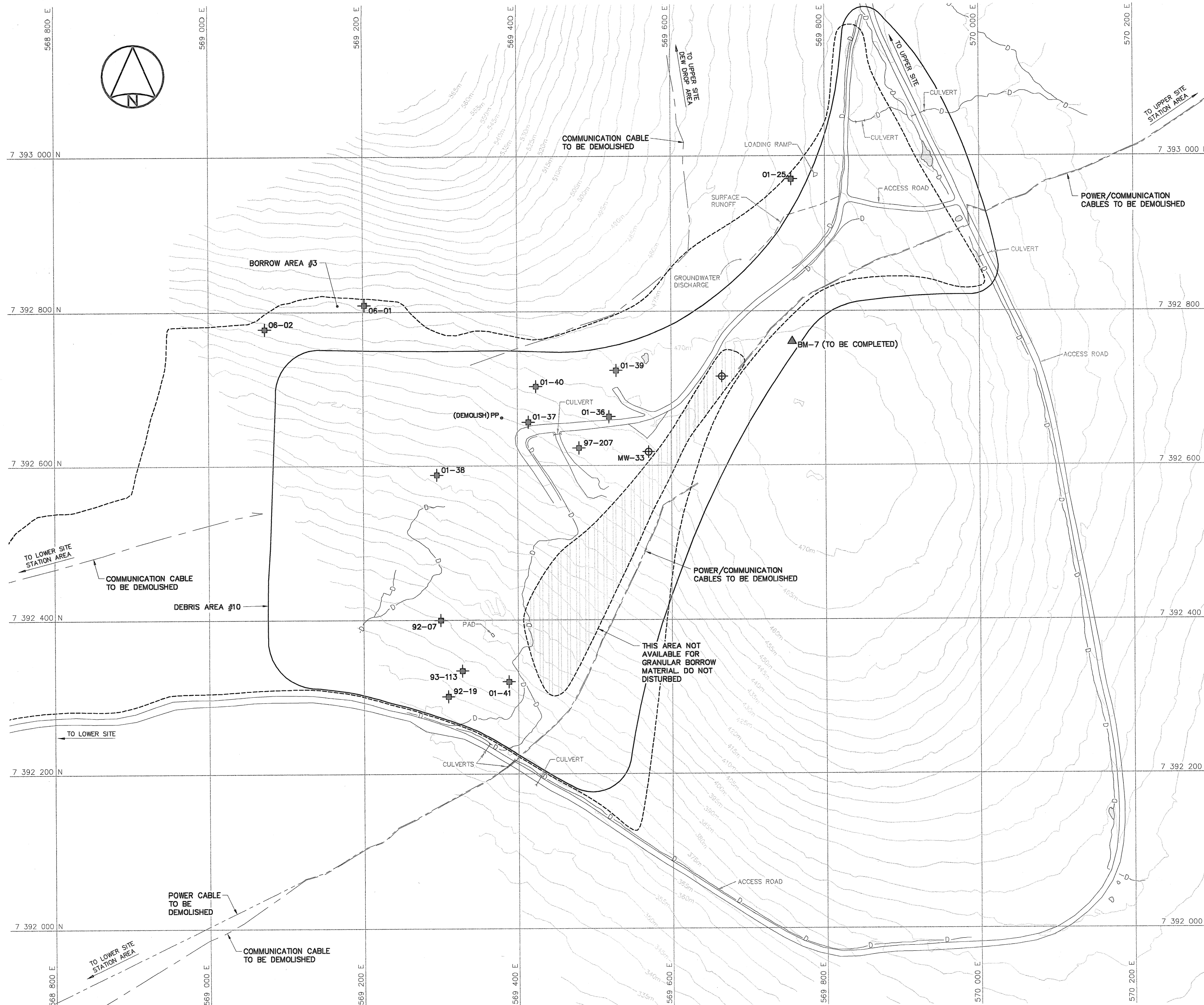
SUBJECT - SUJET

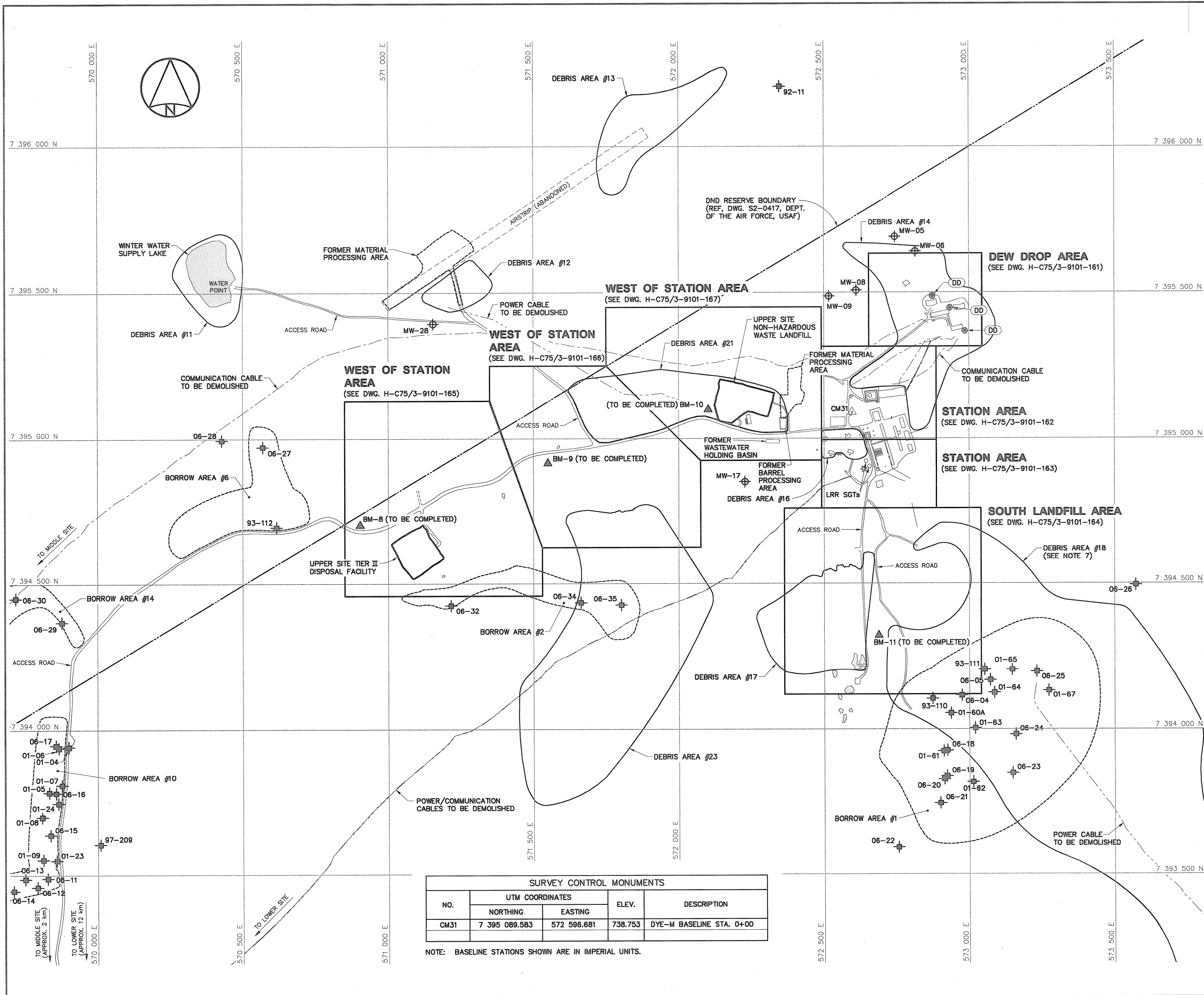
MIDDLE SITE  
SITE PLAN

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-150


Canada






SURVEY CONTROL MONUMENTS				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM31	7 395 089.583	572 596.681	738.753	DYE-M BASELINE STA. 0+00

NOTE: BASELINE STATIONS SHOWN ARE IN IMPERIAL UNITS.



National  
Défense




Défense  
nationale


Headquarters  
Quartier général


General Notes:


1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEIOD 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 UPPER SITE NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
5. ALL LONG RANGE RADAR (LRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED. SEE DWGS. H-C75/3-9101-202 AND 203 FOR ADDITIONAL DETAILS.
6. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND EXISTING LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
7. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-101.


Legend:


 CM31


 BM-8














 SURVEY CONTROL MONUMENT

 PERMANENT BENCHMARK LOCATION (4)


 CONTAMINATED AREA


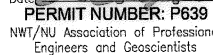
 TEST PIT LOCATION



 SITE INVESTIGATION MONITORING WELL LOCATION

 BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.



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Date:   
PERMIT NUMBER: P639  
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SCALE - ECHELLE 100 50 0 100 200 300m

PROJECT - PROJECT  
DYE-M CAPE DYER  
DEW LINE CLEAN UP

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TRADE - METER  
SITING  
SUBJECT - SUJET

DATE  
2010-12-07

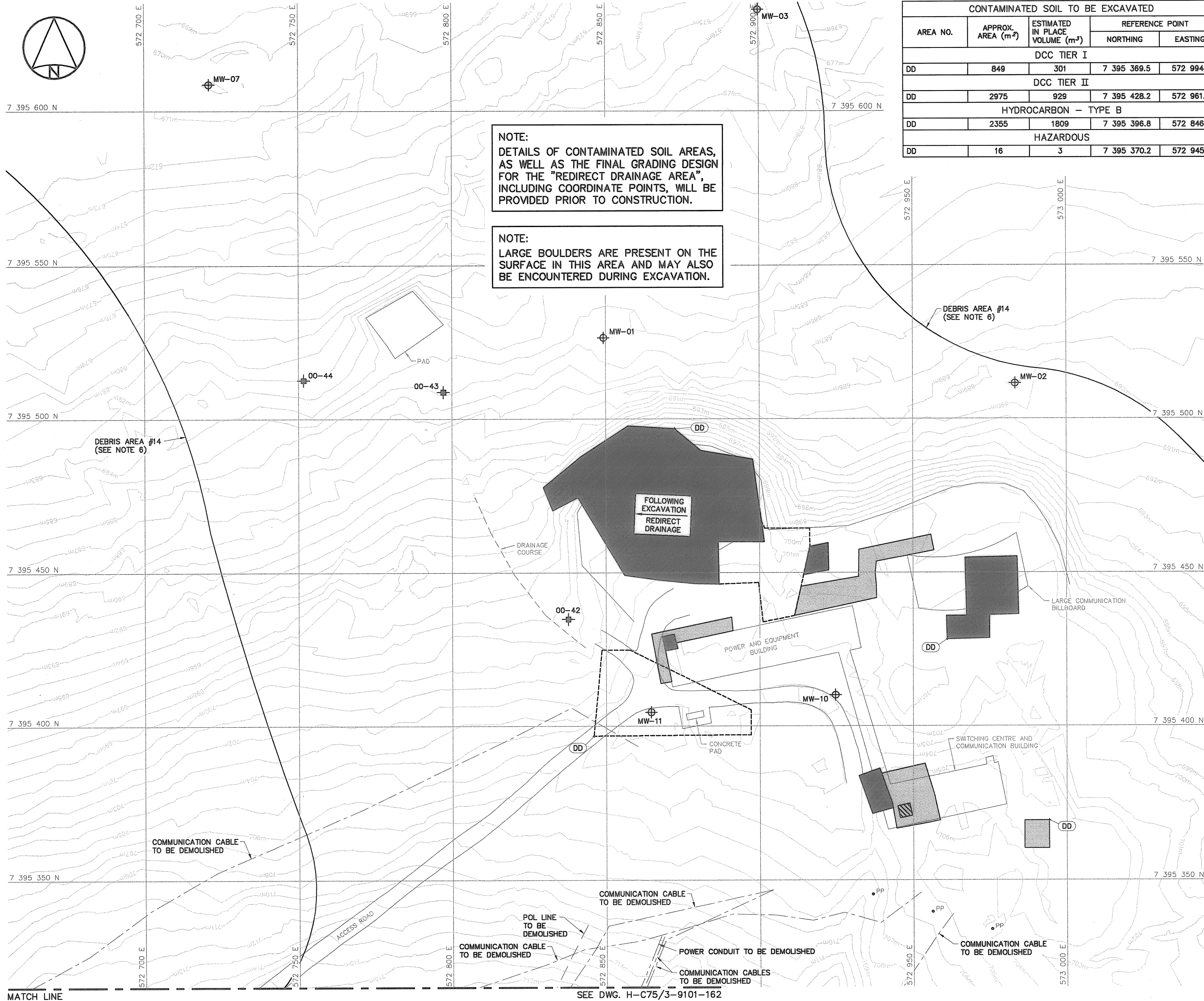
UPPER SITE  
PROJECT LAYOUT

PRODUCTION	CONCURRENCE - ASSENTMENT
DESIGNED ETUDIE DTR/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-160

Canada





CONTAMINATED SOIL TO BE EXCAVATED				
AREA NO.	APPROX. AREA (m <sup>2</sup> )	ESTIMATED IN PLACE VOLUME (m <sup>3</sup> )	REFERENCE POINT	
			NORTHING	EASTING
DCC TIER I				
DD	849	301	7 395 369.5	572 994.3
DCC TIER II				
DD	2975	929	7 395 428.2	572 961.2
HYDROCARBON – TYPE B				
DD	2355	1809	7 395 396.8	572 846.0
HAZARDOUS				
DD	16	3	7 395 370.2	572 945.8

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 UPPER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-160.

Legend:

- DCC TIER I CONTAMINATED SOIL
- DCC TIER II CONTAMINATED SOIL
- HYDROCARBON - TYPE B CONTAMINATED SOIL
- HAZARDOUS CONTAMINATED SOIL
- TEST PIT LOCATION
- SITE INVESTIGATION MONITORING WELL LOCATION

No.	DATE	REVISION	REVISION	APPR.
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Date: [Date]  
PERMIT NUMBER: P639  
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AECOM HATCH

SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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SITING  
DATE  
2010-12-07

SUBJECT - SUJET  
UPPER SITE  
DEW DROP AREA  
PLAN

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-161

SURVEY CONTROL MONUMENTS				
NO.	UTM COORDINATES		ELEV.	DESCRIPTION
	NORTHING	EASTING		
CM31	7 395 089.583	572 596.681	738.753	DYE-M BASELINE STA. 0+00

NOTE: BASELINE STATIONS SHOWN ARE IN IMPERIAL UNITS.



National  
Défense

Défense  
nationale

Headquarters

Quartier général

General Notes:

- ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 WITHIN PLAN AREA TO BE PLACED IN UPPER SITE NON-HAZARDOUS WASTE LANDFILL.
- REFER TO TABLE 02219-1 IN SPECIFICATIONS FOR DESCRIPTION OF DEBRIS AREAS.
- ALL LONG RANGE RADAR (LRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED. SEE DWGS. H-C75/3-9101-202 AND 203 FOR ADDITIONAL DETAILS.
- FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-160.

Legend:

- CM31 SURVEY CONTROL MONUMENT
- TEST PIT LOCATION
- SITE INVESTIGATION MONITORING WELL LOCATION
- BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.

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Signature:

Date:

PERMIT NUMBER: P639

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AECOM

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SCALE - ECHELLE

10 5 0 10 20 30m

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SITING

DATE

2010-12-07

SUBJECT - SUJET

UPPER SITE STATION AREA PLAN

SHEET 1

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

DWG. NO. - DESSIN NO.

H-C75/3-9101-162

Canada





**Headquarters**  
**Quartier général**

General Notes:



1. ALL COORDINATES ARE REFERENCED TO  
UTM ZONE 20N, 1883. ELEVATIONS ARE  
REFERENCED TO MEAN SEA LEVEL RELATIVE  
TO GEOID MODEL CANADIAN HTD\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS  
NOTED OTHERWISE.
3. ALL NON-HAZARDOUS DEBRIS WITHIN PLAN  
AREA TO BE PLACED IN UPPER SITE  
NON-HAZARDOUS WASTE LANDFILL.
4. REFER TO TABLE 02219-1 IN SPECIFICATIONS  
FOR DESCRIPTION OF DEBRIS AREAS.
5. ALL LONG RANGE RADAR (LRR) FACILITIES  
ARE CURRENTLY OPERATIONAL AND ARE  
NOT TO BE DISTURBED. SEE DWGS.  
H-C75/3-9101-202 AND 203 FOR  
ADDITIONAL DETAILS.
6. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG.  
H-C75/3-9101-160.

Legend:

SITE INVESTIGATION MONITORING  
WELL LOCATION

No.	DATE	REVISION	REVISION	APPROVED
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Date   
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SCALE - ECHELLE 10 5 0 10 20 30m

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DYE-M CAPE DYER

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SUBJECT - SUJET

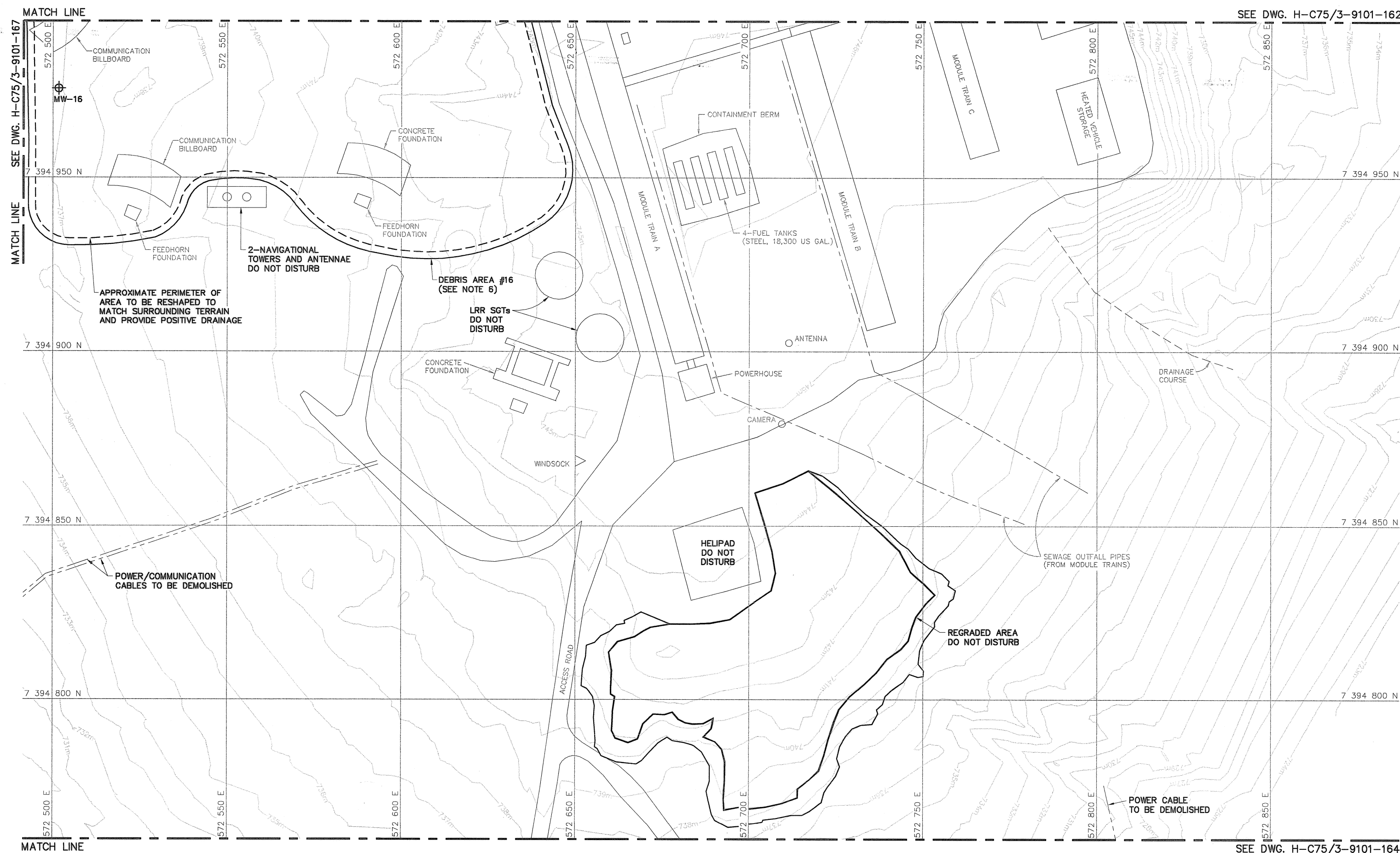
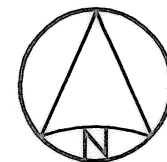
UPPER SITE  
STATION AREA  
PLAN

SHEET 2

PRODUCTION	CONCURRENCE – ASSESSMENT	
DESIGNED ETUDE <i>DTM/THE</i>		DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/C&amp;E</i>		SECT HD CHEF SECT
CHECKED VERIFIE <i>BWF</i>		DES MGR GEST CONCEPT
COORDINATION <i>RPM</i>	REVIEWED – REVU	

DWG. NO. - DESSIN NO.  
H-C75/3-9101-163

Canada 101



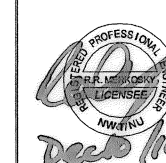
General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEIOD 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 UPPER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. DEPTH OF BURIED DEBRIS EXCAVATION TO EXTEND TO THE BASE OF THE DEBRIS. LIMIT AND DEPTH OF BURIED DEBRIS EXCAVATION TO BE FIELD VERIFIED BY CONFIRMATORY TESTING AND EXCAVATION OF TESTPITS.
7. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.
8. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-160.

Legend:

- BM-11 PERMANENT BENCHMARK LOCATION (1)
- 001 COORDINATE POINT
- TEST PIT LOCATION
- SITE INVESTIGATION MONITORING WELL LOCATION
- BURIED DEBRIS EXCAVATION AREA
- TYPE 1 GRANULAR FILL
- BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.
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Date: [Date]  
PERMIT NUMBER: P639  
NWT/NJ Association of Professional Engineers and Geoscientists

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HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2010-12-07

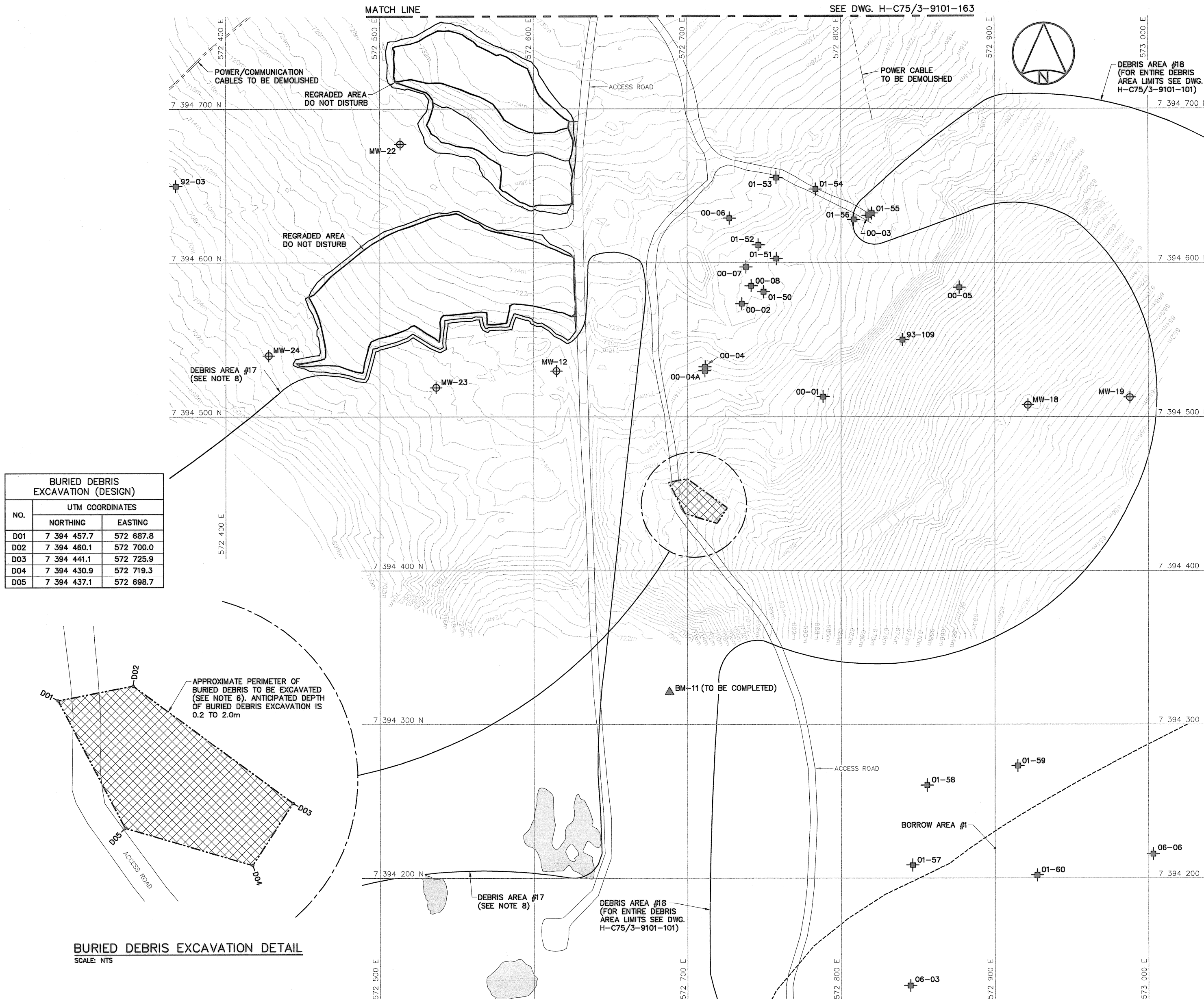
SUBJECT - SUJET

UPPER SITE  
SOUTH LANDFILL AREA  
PLAN

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVISED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-164

Canada

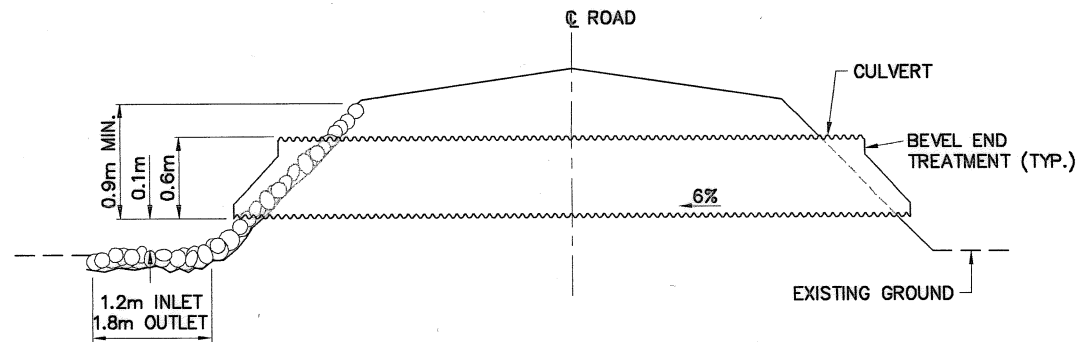
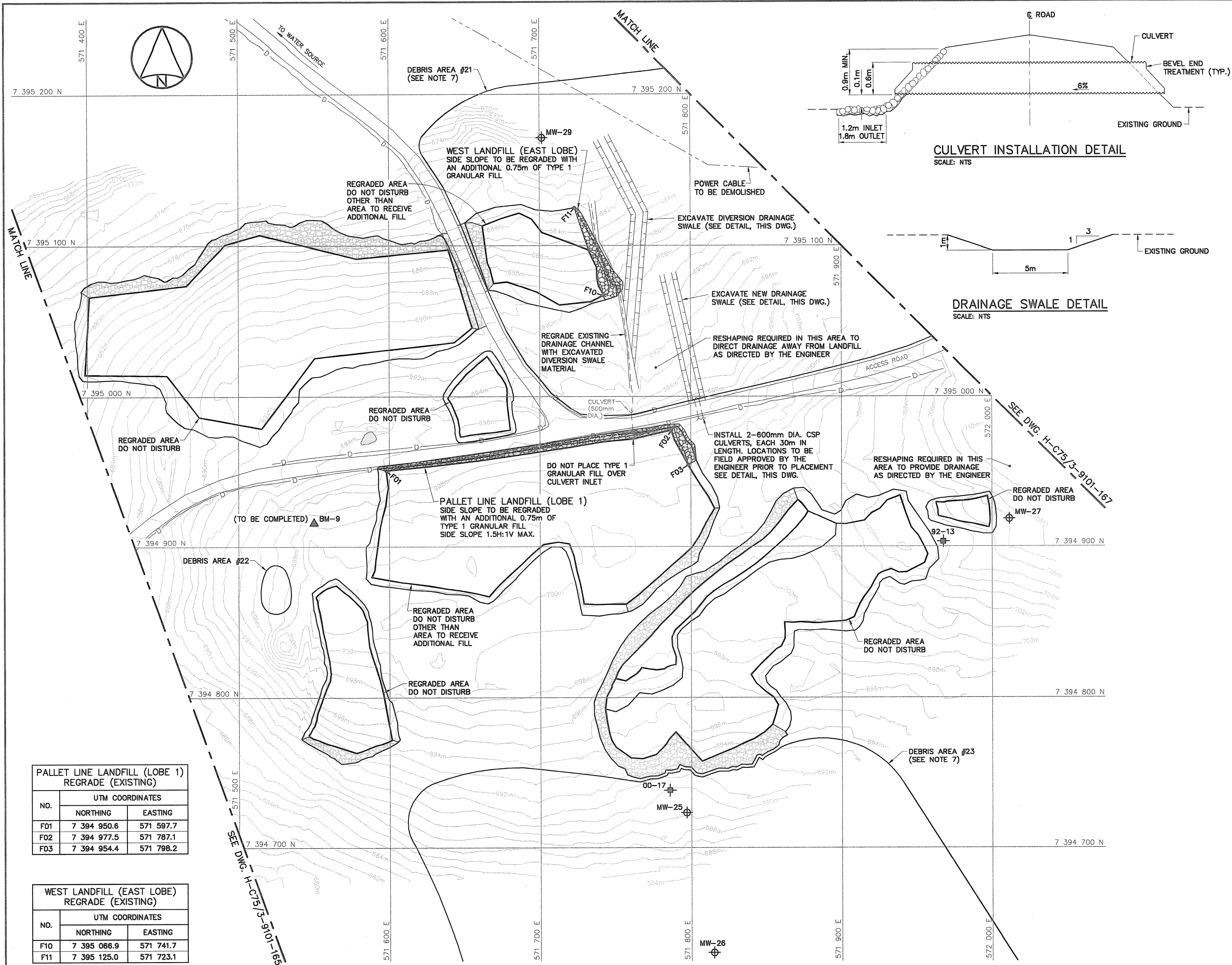


BURIED DEBRIS EXCAVATION DETAIL  
SCALE: NTS

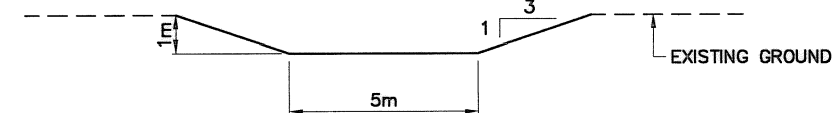








CULVERT INSTALLATION DETAIL  
SCALE: NTS



DRAINAGE SWALE DETAIL  
SCALE: NTS

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 UPPER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.
7. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-160.

Legend:

- ▲ BM-9 PERMANENT BENCHMARK LOCATION (1)
- + F01 COORDINATE POINT
- ⊕ TEST PIT LOCATION
- ⊗ SITE INVESTIGATION MONITORING WELL LOCATION
- ▨ TYPE 1 GRANULAR FILL
- D DITCH

No.	DATE	REVISION	REVISION	APPR.
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AECOM Canada Ltd.  
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Date: [Date]  
PERMIT NUMBER: P639  
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AECOM HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

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TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET

UPPER SITE  
WEST OF STATION AREA  
PLAN SHEET 2

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-166

PALLET LINE LANDFILL (LOBE 1) REGRADE (EXISTING)		
NO.	UTM COORDINATES	
	NORTHING	EASTING
F01	7 394 950.6	571 597.7
F02	7 394 977.5	571 787.1
F03	7 394 954.4	571 798.2

WEST LANDFILL (EAST LOBE) REGRADE (EXISTING)		
NO.	UTM COORDINATES	
	NORTHING	EASTING
F10	7 395 066.9	571 741.7
F11	7 395 125.0	571 723.1

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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 UPPER SITE 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 LANDFILL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
6. FOR PERMANENT SURVEY CONTROL (BENCHMARK) INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.
7. FOR ENTIRE DEBRIS AREA LIMITS, SEE DWG. H-C75/3-9101-160.
8. USE STOCKPILED TIER I SOIL FOR INTERMEDIATE COVER AS REQUIRED.

Legend:

- ▲ BM-10 PERMANENT BENCHMARK LOCATION (1)
- COORDINATE POINT
- ⊕ TEST PIT LOCATION
- ⊕ SITE INVESTIGATION MONITORING WELL LOCATION
- ⊕ MONITORING WELL LOCATION (3)
- ⊕ BACKGROUND MONITORING WELL LOCATION (1)
- TYPE 1 GRANULAR FILL

No.	DATE	REVISION	REVISION	APPR.
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Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
NW/NU Association of Professional Engineers and Geoscientists

AECOM HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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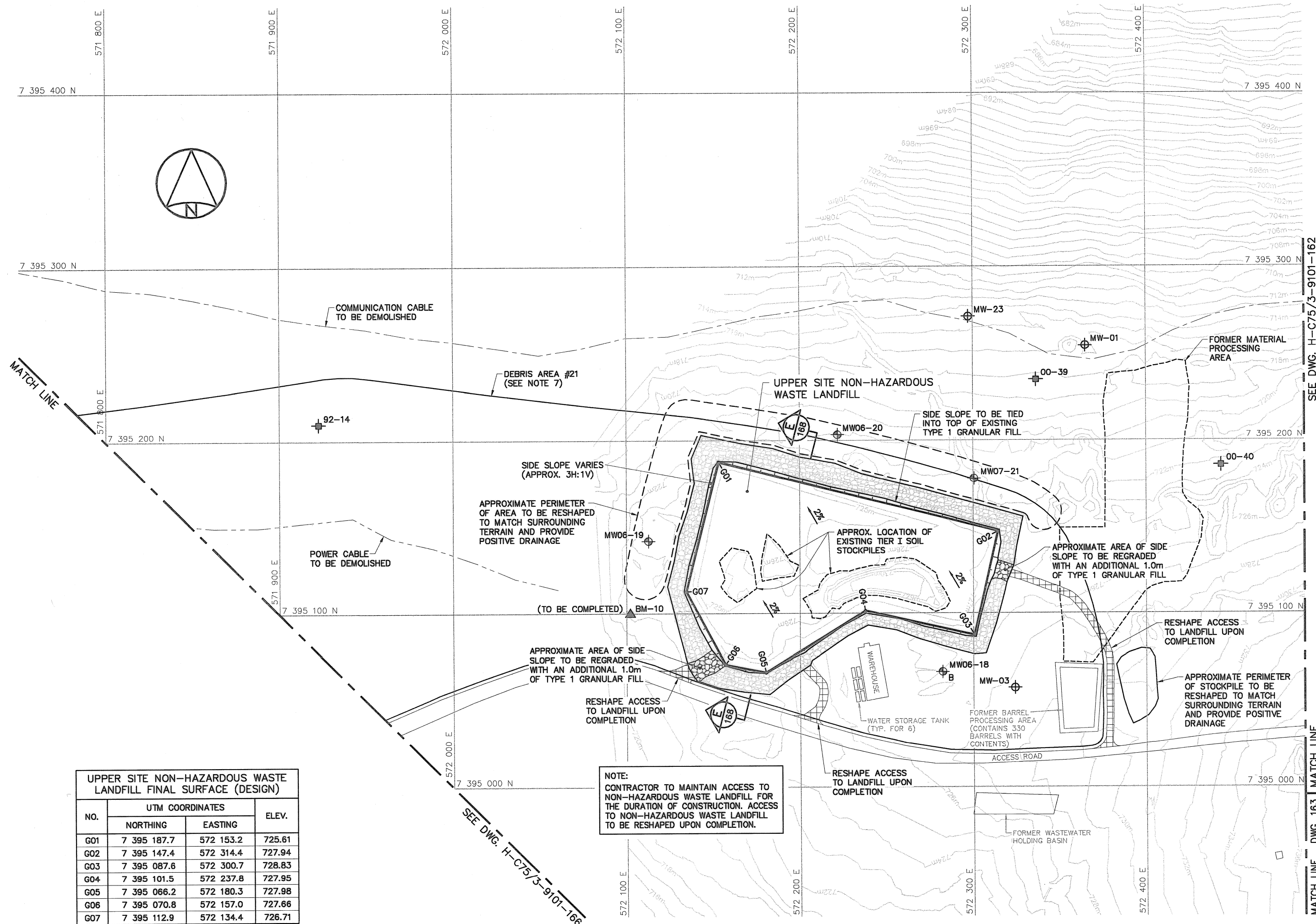
TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET  
UPPER SITE  
WEST OF STATION AREA  
PLAN SHEET 3

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-167

Canada



UPPER SITE NON-HAZARDOUS WASTE LANDFILL FINAL SURFACE (DESIGN)			
NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
G01	7 395 187.7	572 153.2	725.61
G02	7 395 147.4	572 314.4	727.94
G03	7 395 087.6	572 300.7	728.83
G04	7 395 101.5	572 237.8	727.95
G05	7 395 066.2	572 180.3	727.98
G06	7 395 070.8	572 157.0	727.66
G07	7 395 112.9	572 134.4	726.71

NOTE:  
CONTRACTOR TO MAINTAIN ACCESS TO NON-HAZARDOUS WASTE LANDFILL FOR THE DURATION OF CONSTRUCTION. ACCESS TO NON-HAZARDOUS WASTE LANDFILL TO BE RESHAPED UPON COMPLETION.

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. 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:

- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- GENERATED BASED ON EXISTING SURVEY INFORMATION
- GENERATED BASED ON ORIGINAL SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.



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

AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
DYE-M CAPE DYER

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TRADE - METIER SITING DATE 2010-12-07

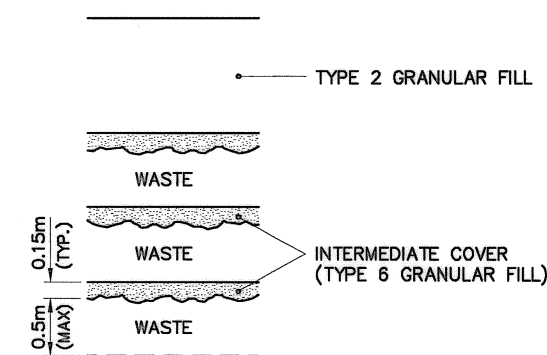
SUBJECT - SUJET  
UPPER SITE  
NON-HAZARDOUS WASTE LANDFILL  
CROSS SECTION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

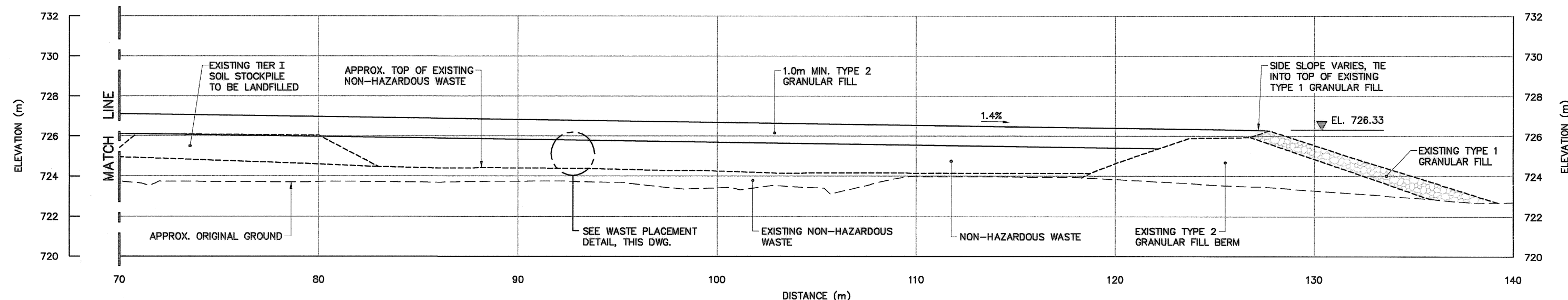
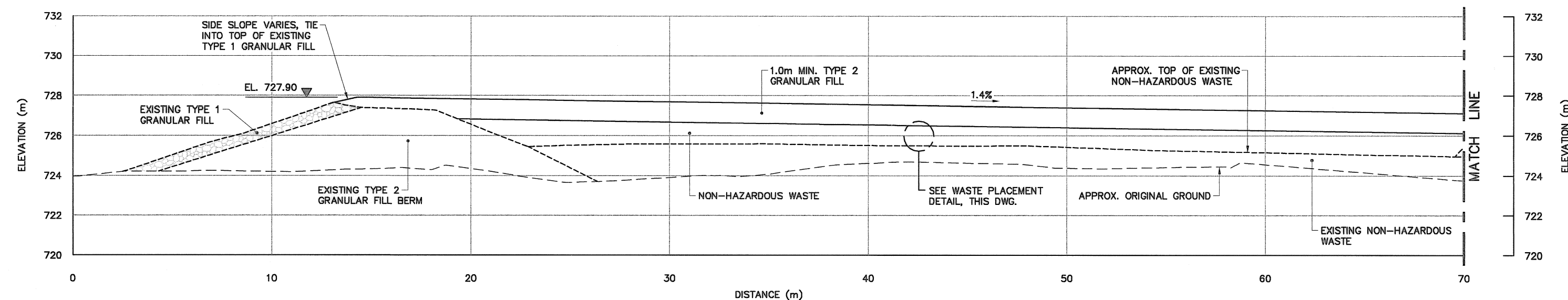
DWG. NO. - DESSIN NO.  
H-C75/3-9101-168

Canada

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

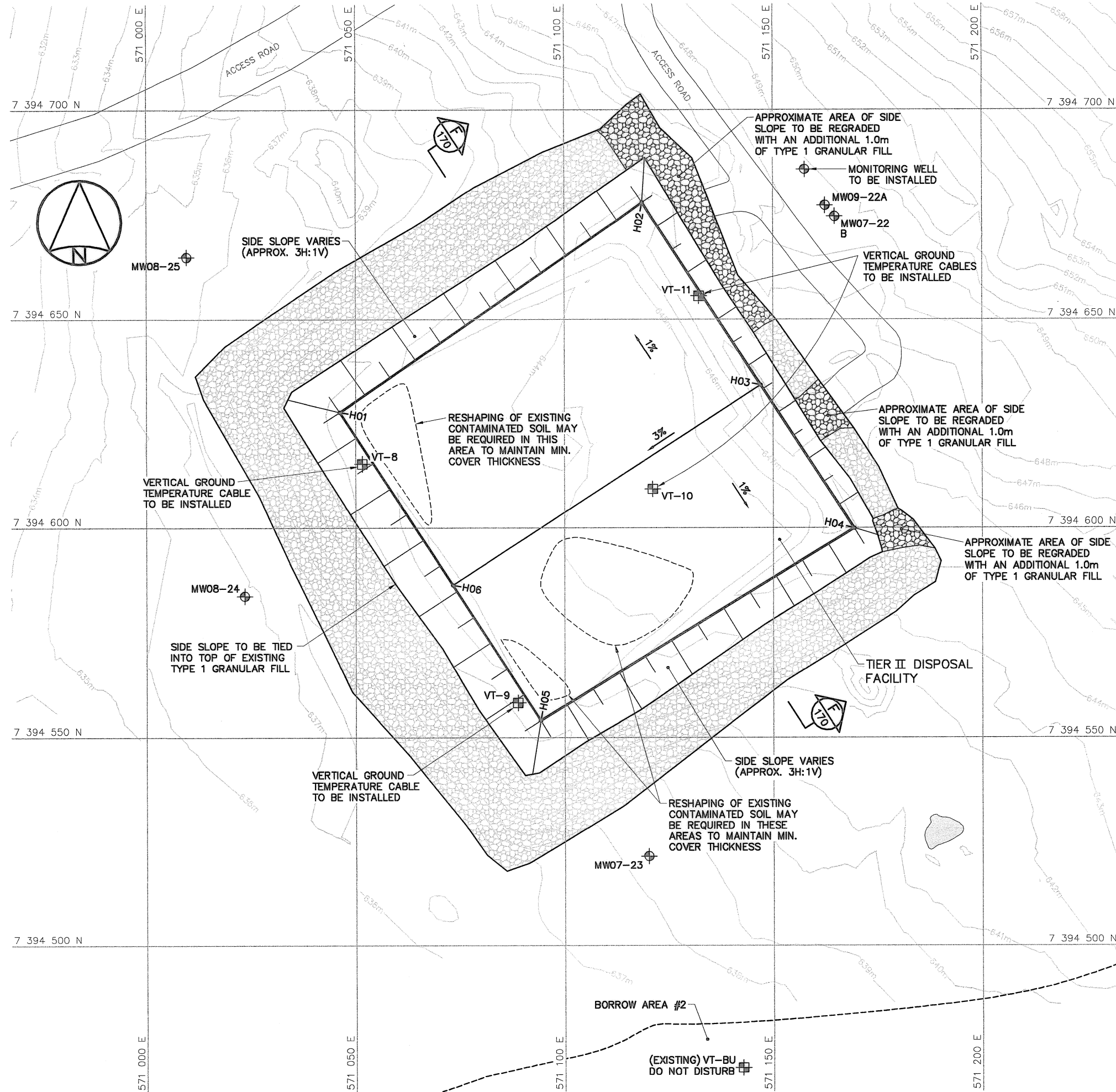


WASTE PLACEMENT DETAIL  
N.T.S.




SECTION  
E  
167






NO.	UTM COORDINATES		ELEV.
	NORTHING	EASTING	
H01	7 394 627.8	571 046.2	645.94
H02	7 394 677.9	571 118.6	648.55
H03	7 394 634.3	571 147.0	649.07
H04	7 394 599.9	571 169.3	648.66
H05	7 394 554.0	571 094.2	646.05
H06	7 394 586.3	571 073.2	646.43



National  
Défense



Désense  
nationale

Headquarters  
Quartier général

General Notes:


1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOD MODEL CANADIAN HT2.0.


2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.


3. FOR MONITORING WELL INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-191.


4. FOR VERTICAL GROUND TEMPERATURE CABLE INSTALLATION DETAILS, SEE DWG. H-C75/3-9101-190. EXACT LOCATIONS TO BE FIELD DETERMINED BY THE ENGINEER.


Legend:


COORDINATE POINT

MONITORING WELL LOCATION (5)


BACKGROUND MONITORING WELL LOCATION (1)



VERTICAL GROUND TEMPERATURE CABLE LOCATION (5)



TYPE 1 GRANULAR FILL

BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.



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Date:   
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SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET DYE-M CAPE DYER

DEW LINE CLEAN UP

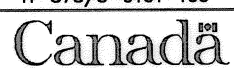
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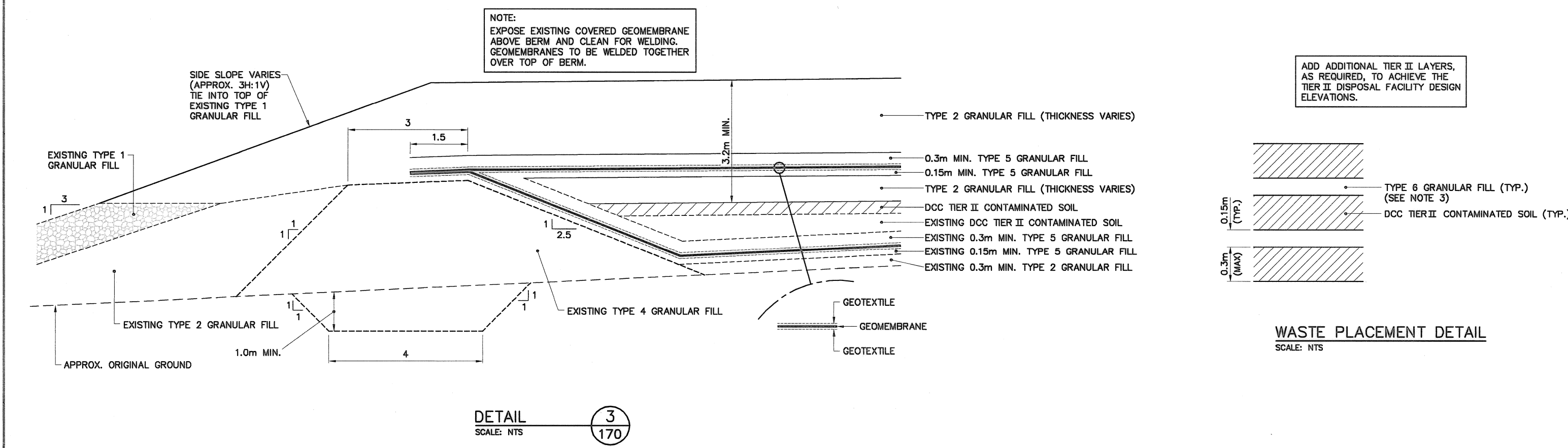
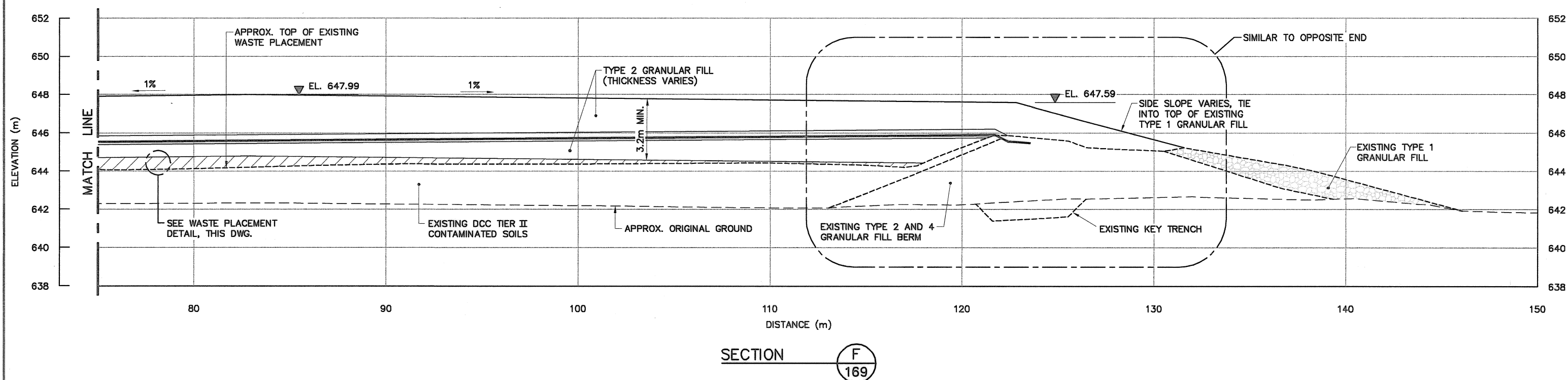
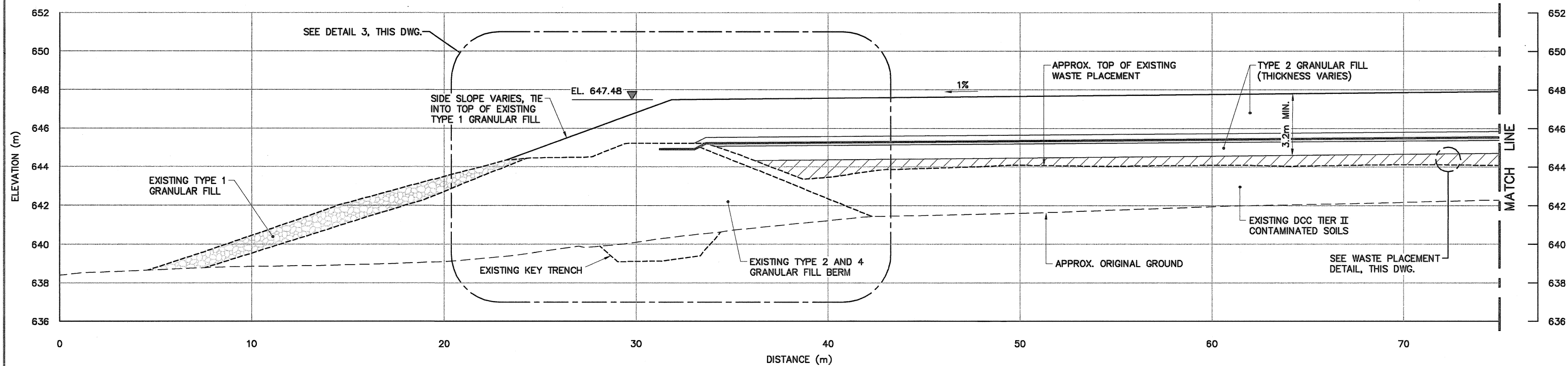
TRADE - METIER	SITING	DATE
SUBJECT - SUJET		2010-12-07

UPPER SITE TIER II DISPOSAL FACILITY  
GRADING/INSTRUMENTATION PLAN

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-169





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Defence

Défense  
nationale

Headquarters  
Quartier général

General Notes:

1. ALL COORDINATES ARE REFERENCED TO UTM ZONE 20N, NAD83. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL RELATIVE TO GEOID MODEL CANADIAN HTZ\_0.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. TYPE 6 INTERMEDIATE FILL ONLY REQUIRED FOR LANDFILLING OF ORGANIC OR WET SOILS, AS DIRECTED BY THE ENGINEER.
4. PROTECT GEOMEMBRANE LINERS DURING CONSTRUCTION.

Legend:

- DESIGN REQUIREMENTS TO BE CONSTRUCTED
- GENERATED BASED ON EXISTING SURVEY INFORMATION
- GENERATED BASED ON ORIGINAL SURVEY INFORMATION

No.	DATE	REVISION	REVISION	APPR.

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER SITING DATE 2010-12-07

SUBJECT - SUJET UPPER SITE TIER II DISPOSAL FACILITY CROSS SECTION

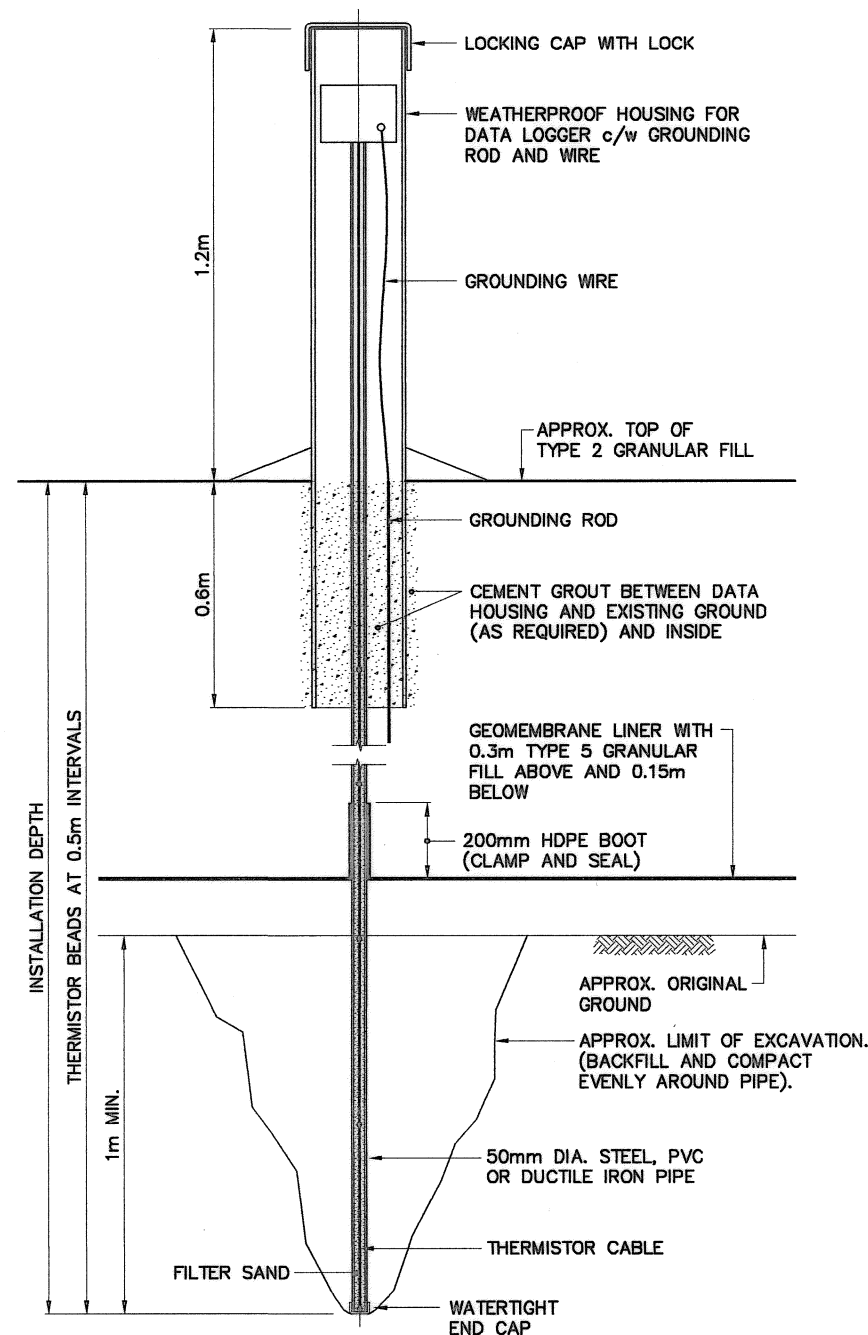
PRODUCTION		CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE DTH/TME	DES OFF AGENT CONCEPT	DRAWN DESSINE IC/CNE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT	COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO. H-C75/3-9101-170

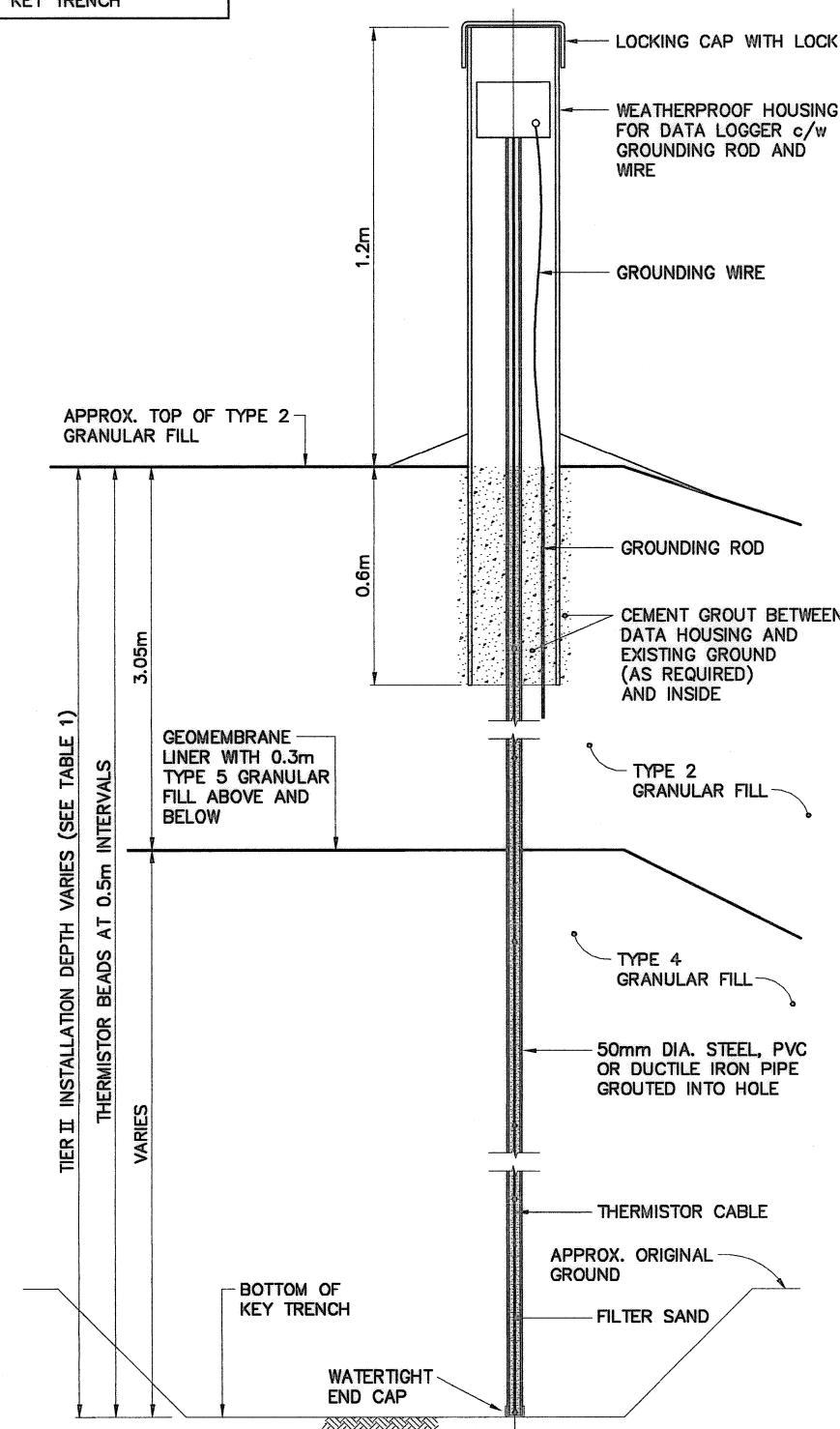
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. APPROXIMATE LOCATIONS FOR INSTRUMENTATION TO BE INSTALLED ARE SHOWN ON THE DRAWINGS. INSTALLATION LOCATIONS TO BE FIELD CONFIRMED BY THE ENGINEER.
3. PROVIDE THERMISTOR BEADS AT 0.5m MAXIMUM INTERVALS, INCLUDING ONE AT THE BOTTOM OF THE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

\_\_\_\_\_




INSTRUMENT No.	APPROXIMATE DEPTH BELOW FINAL GRADE (m)	COMMENTS
LOWER SITE - TIER II DISPOSAL FACILITY		
VT-1	7.5	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-2	4.7	PVC STANDPIPE PREVIOUSLY INSTALLED TO 1m ABOVE ELEVATION OF BOTTOM LINER
VT-3	4.5	INSTALL TO 1m ABOVE ELEVATION OF BOTTOM LINER
VT-4	6.7	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
UPPER SITE - TIER II DISPOSAL FACILITY		
VT-8	7.6	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-9	8.8	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH
VT-10	5.3	INSTALL TO 1m ABOVE ELEVATION OF BOTTOM LINER
VT-11	6.0	INSTALL THROUGH CENTERLINE BERM TO INVERT OF KEY TRENCH



TYPICAL VERTICAL GROUND TEMPERATURE  
CABLE INSTALLATION - PLATEAU  
SCALE: NTS  
VT-2, VT-3 AND VT-10

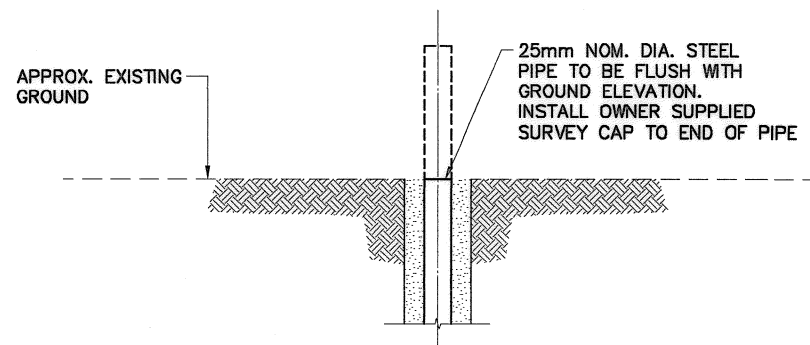


TYPICAL VERTICAL GROUND TEMPERATURE  
CABLE INSTALLATION – TIER II  
SCALE: NTS  
LOWER AND UPPER SITE – TIER II DISPOSAL FACILITIES

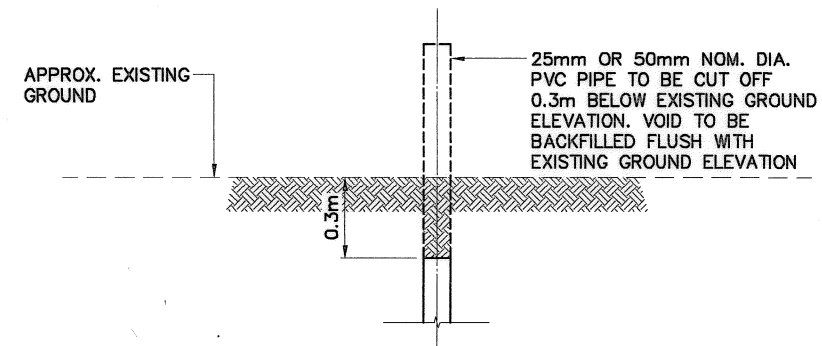
No.	DATE	REVISION	REVISION	APPRO
		<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>PERMIT TO PRACTICE</b> AECOM Canada Ltd.</p> <p>Signature: <i>David A. Dyer</i></p> <p>Date: <i>Dec 10/10</i></p> <p><b>PERMIT NUMBER: P639</b></p> <p align="center">NWT/NU Association of Professional Engineers and Geoscientists</p> </div>		
				
SCALE = ECHELLE		AS SHOWN		
PROJECT – PROJET				
<b>DYE–M CAPE DYER</b>				
<b>DEW LINE CLEAN UP</b>				
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TRADE – METIER	SITING		DATE 2010–12–07	
SUBJECT – SUJET				
<b>MISCELLANEOUS DETAILS</b> <b>SHEET 1</b>				
PRODUCTION		CONCURRENCE – ASSENTIMENT		
DESIGNED ETUDIE	<i>DJA/THI</i>	DES OFF ANALYST CONCEPT		
DRAWN DESSINE	<i>IC/OAE</i>	SECT HD CHEF SECT		
CHECKED VERIFIE	<i>DWF</i>	DES MGR GECH CONCEPT		
COORDINATION <i>RAH</i>	REVIEWED – REVU			
DWG. NO. – DESSIN NO. <b>H–C75/3–9101–190</b>				



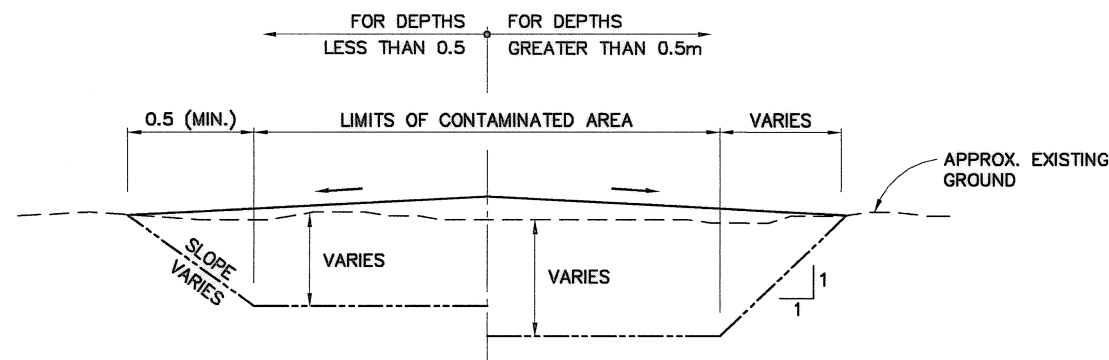
NOTE:  
6 PERMANENT SURVEY CONTROL  
MONUMENTS PREVIOUSLY INSTALLED.  
5 PERMANENT SURVEY CONTROL  
MONUMENTS TO BE COMPLETED AT  
MIDDLE AND UPPER SITES.



**TYPICAL PERMANENT SURVEY  
CONTROL MONUMENT (BENCHMARK)**  
SCALE: NTS



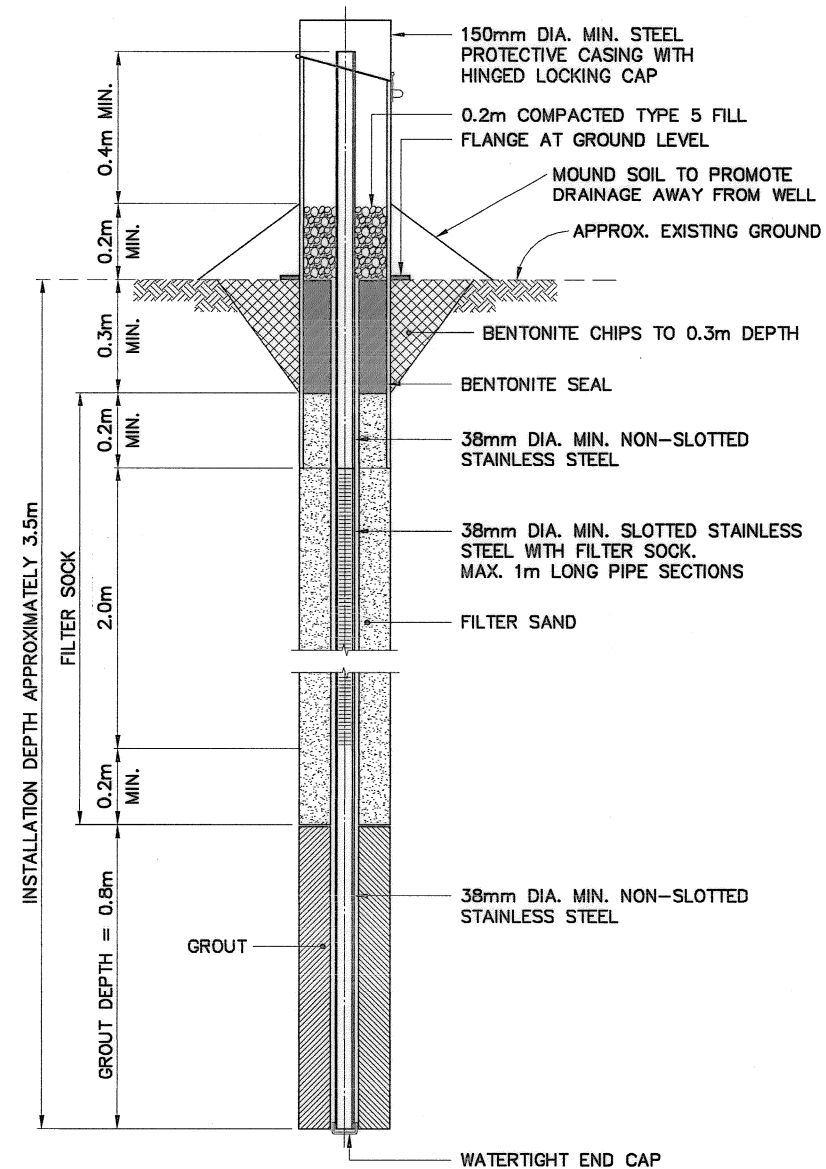
**TYPICAL SITE INVESTIGATION  
MONITORING WELL**  
SCALE: NTS



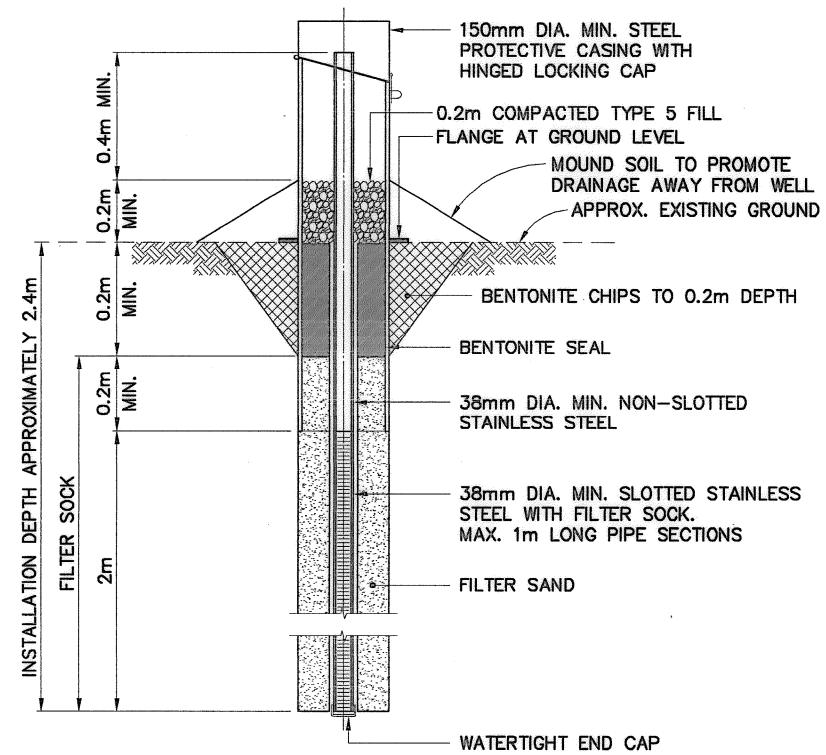
- NOTE:
1. MATERIAL TO BE REMOVED: DCC TIER I SOILS TO BE DISPOSED OF IN THE NON-HAZARDOUS WASTE LANDFILLS. DCC TIER II SOILS TO BE DISPOSED OF IN THE TIER II SOIL DISPOSAL FACILITIES. HYDROCARBON TYPE B SOILS PLACED IN THE LANDFARM AND TREATED.
  2. TYPE 3 GRANULAR MATERIAL TO BE PLACED IN EXCAVATION, COMPACTED AND MOUNDED TO 100mm ABOVE GROUND SURFACE TO PROMOTE DRAINAGE, UNLESS NOTED OTHERWISE.

**TYPICAL CONTAMINATED SOIL EXCAVATION SECTION**  
SCALE: NTS

NOTE:  
29 MONITORING WELLS PREVIOUSLY  
INSTALLED.  
2 MONITORING WELLS TO BE INSTALLED.  
SEE NOTE 2.  
2 MONITORING WELLS TO BE  
DECOMMISSIONED.



**TYPICAL MONITORING WELL/  
BACKGROUND MONITORING WELL**  
SCALE: NTS  
FOR BEDROCK DEPTH > 0.7m



**TYPICAL MONITORING WELL/  
BACKGROUND MONITORING WELL**  
SCALE: NTS  
FOR BEDROCK DEPTH < 0.7m

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. APPROXIMATE LOCATIONS FOR INSTRUMENTATION TO BE INSTALLED ARE SHOWN ON THE DRAWINGS. INSTALLATION LOCATIONS TO BE FIELD CONFIRMED BY THE ENGINEER.

Legend:

No.	DATE	REVISION	REVISION	APPR.
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Date: [Date]  
PERMIT NUMBER: P639  
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AECOM HATCH

SCALE - ECHELLE AS SHOWN

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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SUBJECT - SUJET

MISCELLANEOUS DETAILS  
SHEET 2

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




DWG. NO. - DESSIN NO.  
H-C75/3-9101-191

Canada

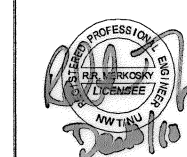
General Notes:


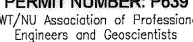
1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LONG RANGE RADAR (LRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED. THESE INCLUDE ALL BUILDINGS, STRUCTURES, ELECTRICAL POWER CABLES, FUEL STORAGE TANKS AND PIPELINES NOT SCHEDULED FOR DEMOLITION.
4. PIPELINES AND ANCILLARY EQUIPMENT TO BE REMOVED TO INCLUDE ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.
5. PROVIDE REGRADING AROUND ALL CONCRETE THAT IS DESIGNATED TO REMAIN, AS PER TYPICAL DETAIL ON THIS DRAWING, UNLESS NOTED OTHERWISE.

Legend:

-  TO BE DEMOLISHED
-  UTILITY POLE TO BE DEMOLISHED
-  POL LINE TO BE DEMOLISHED

No.	DATE	REVISION	REVISION	APPR.
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Date:   
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AECOM

HATCH

SCALE - ECHELLE 20 10 0 20 40 60m

PROJECT - PROJET  
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TRADE - METIER  
STRUCTURAL

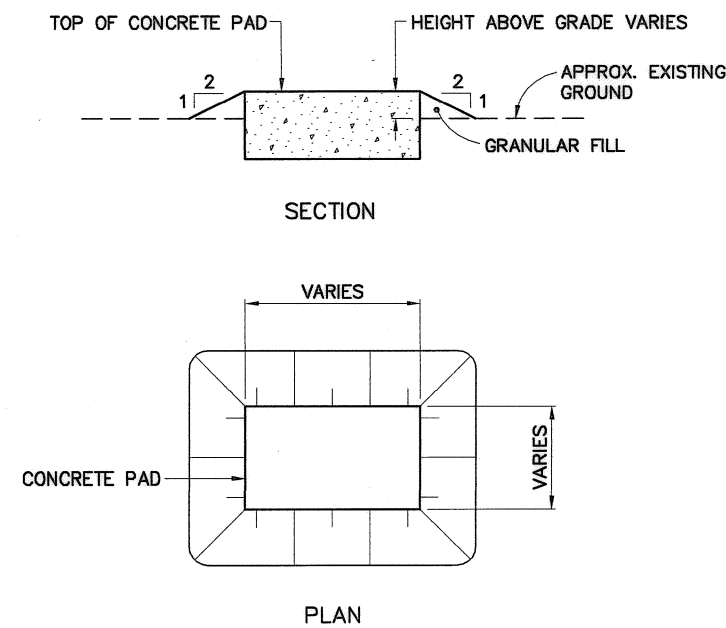
DATE  
2010-12-07

SUBJECT - SUJET  
LOWER SITE  
STATION AREA  
DEMOLITION SITE PLAN

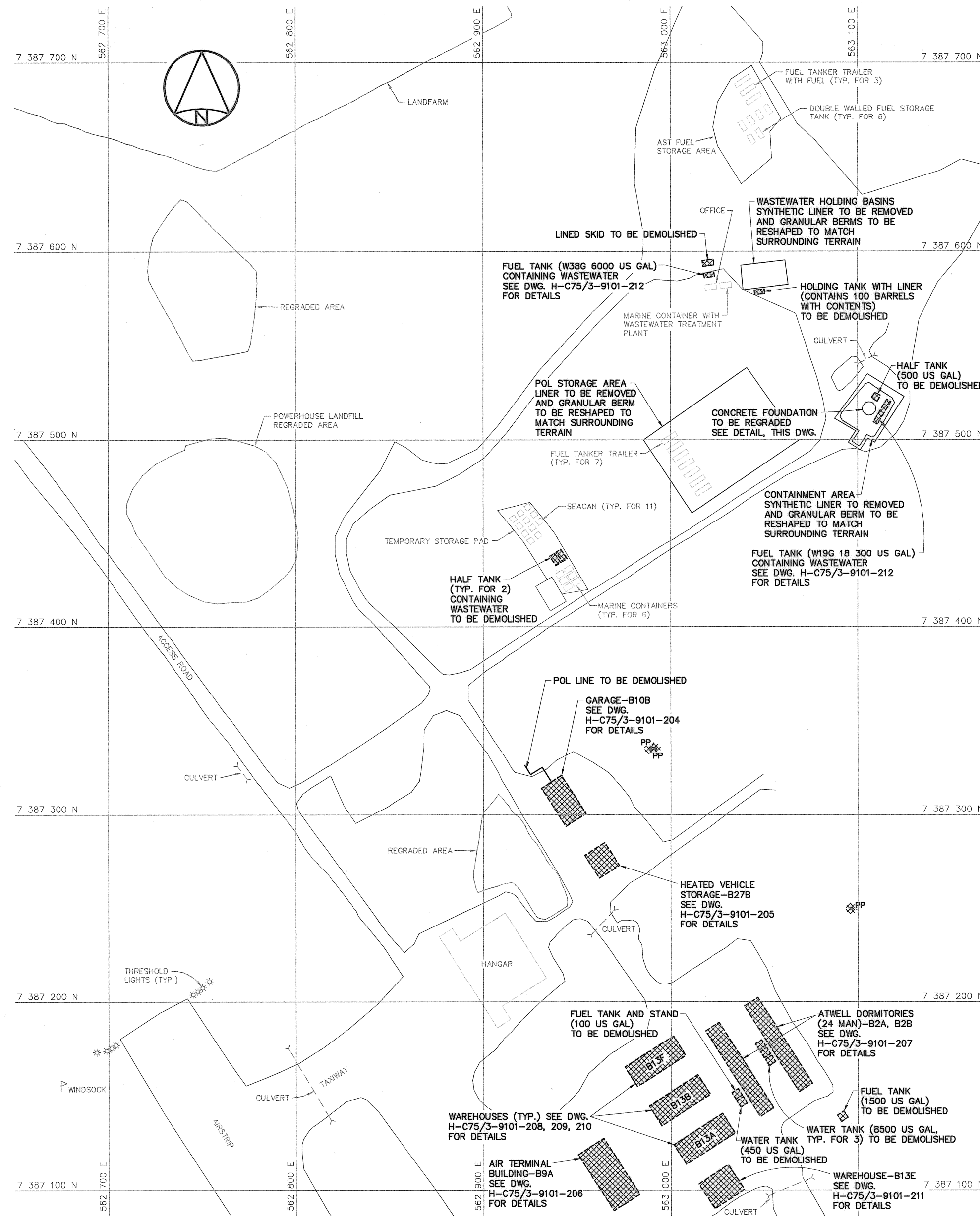
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-201

Canada



TYPICAL CONCRETE PAD REGRADING DETAIL  
SCALE: NTS










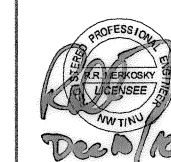
General Notes:


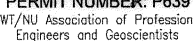
1. ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LONG RANGE RADAR (LRR) FACILITIES ARE CURRENTLY OPERATIONAL AND ARE NOT TO BE DISTURBED. THESE INCLUDE ALL BUILDINGS, STRUCTURES, ELECTRICAL POWER CABLES, FUEL STORAGE TANKS AND PIPELINES NOT SCHEDULED FOR DEMOLITION.
4. PIPELINES AND ANCILLARY EQUIPMENT TO BE REMOVED TO INCLUDE ALL ASSOCIATED PIPE SUPPORTS AND PIPELINE MARKERS.

Legend:

-  TO BE DEMOLISHED
-  UTILITY POLE TO BE DEMOLISHED
-  COMMUNICATION CABLE TO BE DEMOLISHED
-  POWER CABLE TO BE DEMOLISHED
-  POL LINE TO BE DEMOLISHED

No.	DATE	REVISION	REVISION	APPR.
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SCALE - ECHELLE 10 5 0 10 20 30m

PROJECT - PROJET  
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TRADE - METIER STRUCTURAL DATE 2010-12-07

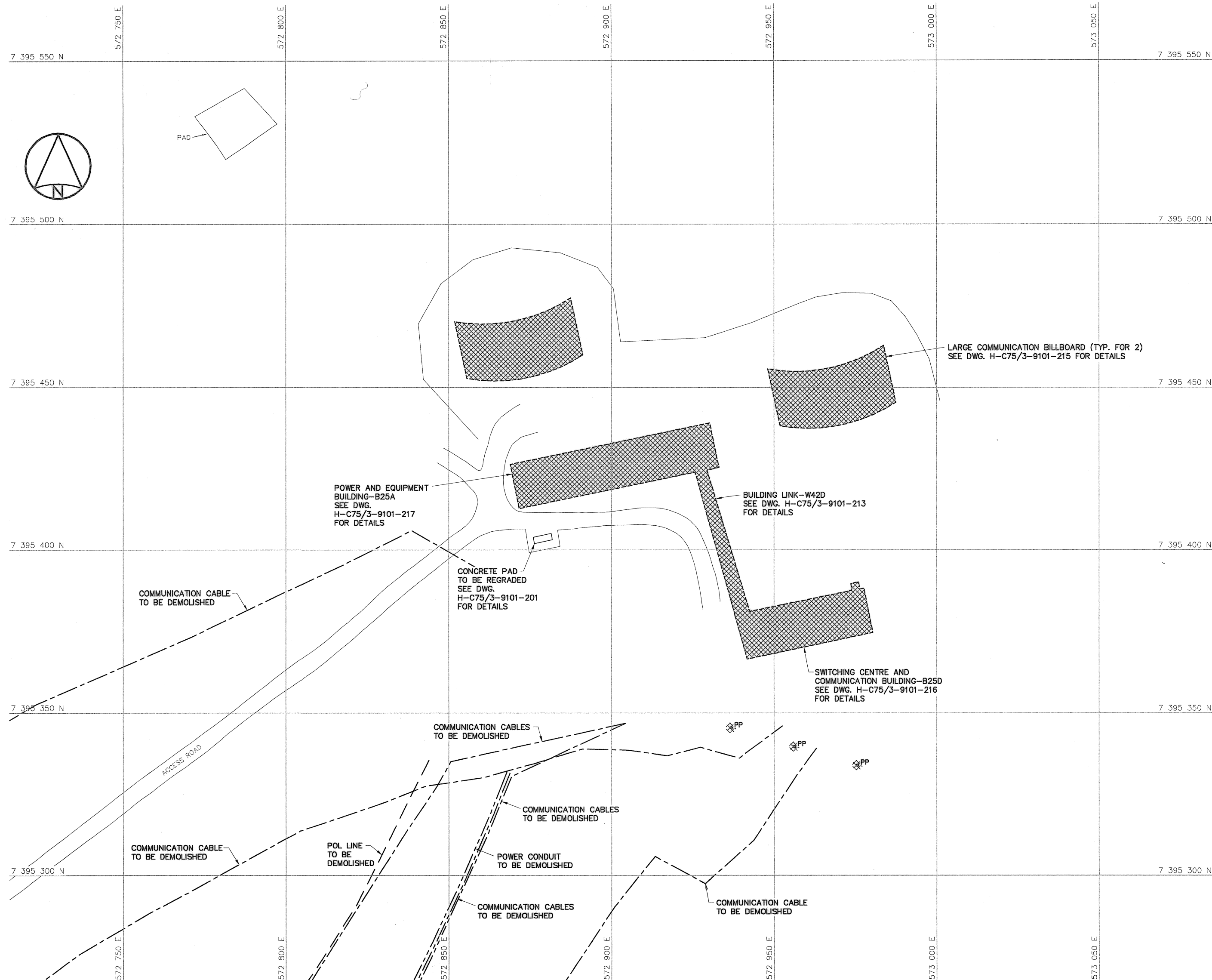
SUBJECT - SUJET

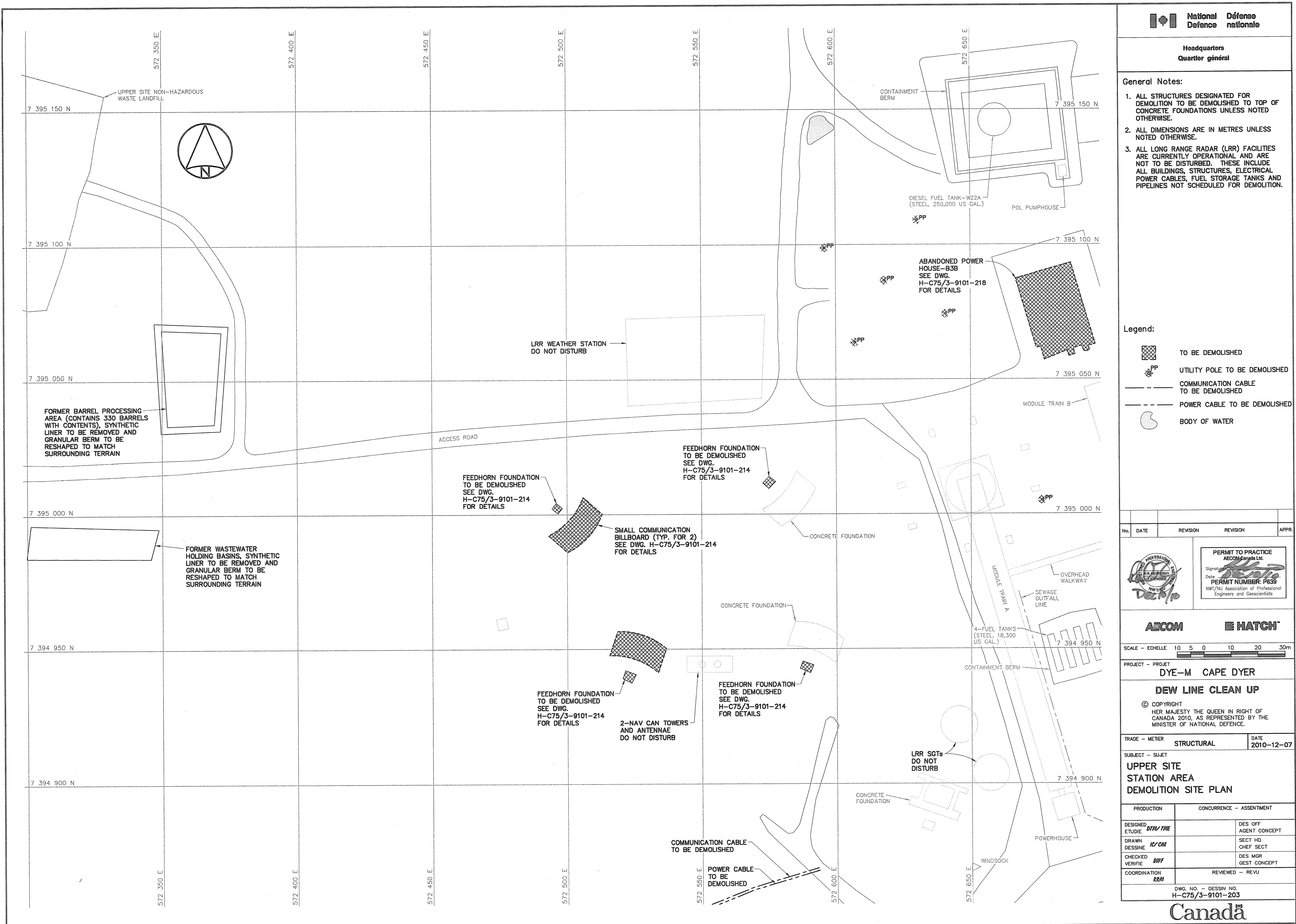
UPPER SITE  
DEW DROP AREA  
DEMOLITION SITE PLAN


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DESIGNED ETUDIE <i>DTR/THE</i>	DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/CAE</i>	SECT HD CHEF SECT
CHECKED VERIFIE <i>DWF</i>	DES MGR GEST CONCEPT
COORDINATION <i>RRM</i>	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-202

Canada





**National  
Défense**


**Défense  
nationale**


Headquarters  
Quartier général


General Notes:


- ALL STRUCTURES DESIGNATED FOR DEMOLITION TO BE DEMOLISHED TO TOP OF CONCRETE FOUNDATIONS UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LONG RANGE RADAR (LRR) 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.


Legend:

 TO BE DEMOLISHED


 UTILITY POLE TO BE DEMOLISHED


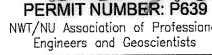
 COMMUNICATION CABLE TO BE DEMOLISHED



 POWER CABLE TO BE DEMOLISHED

 BODY OF WATER

No.	DATE	REVISION	REVISION	APPR.



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NWT/NL Association of Professional Engineers and Geoscientists



SCALE - ÉCHELLE 10 5 0 10 20 30m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

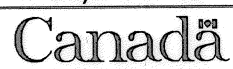
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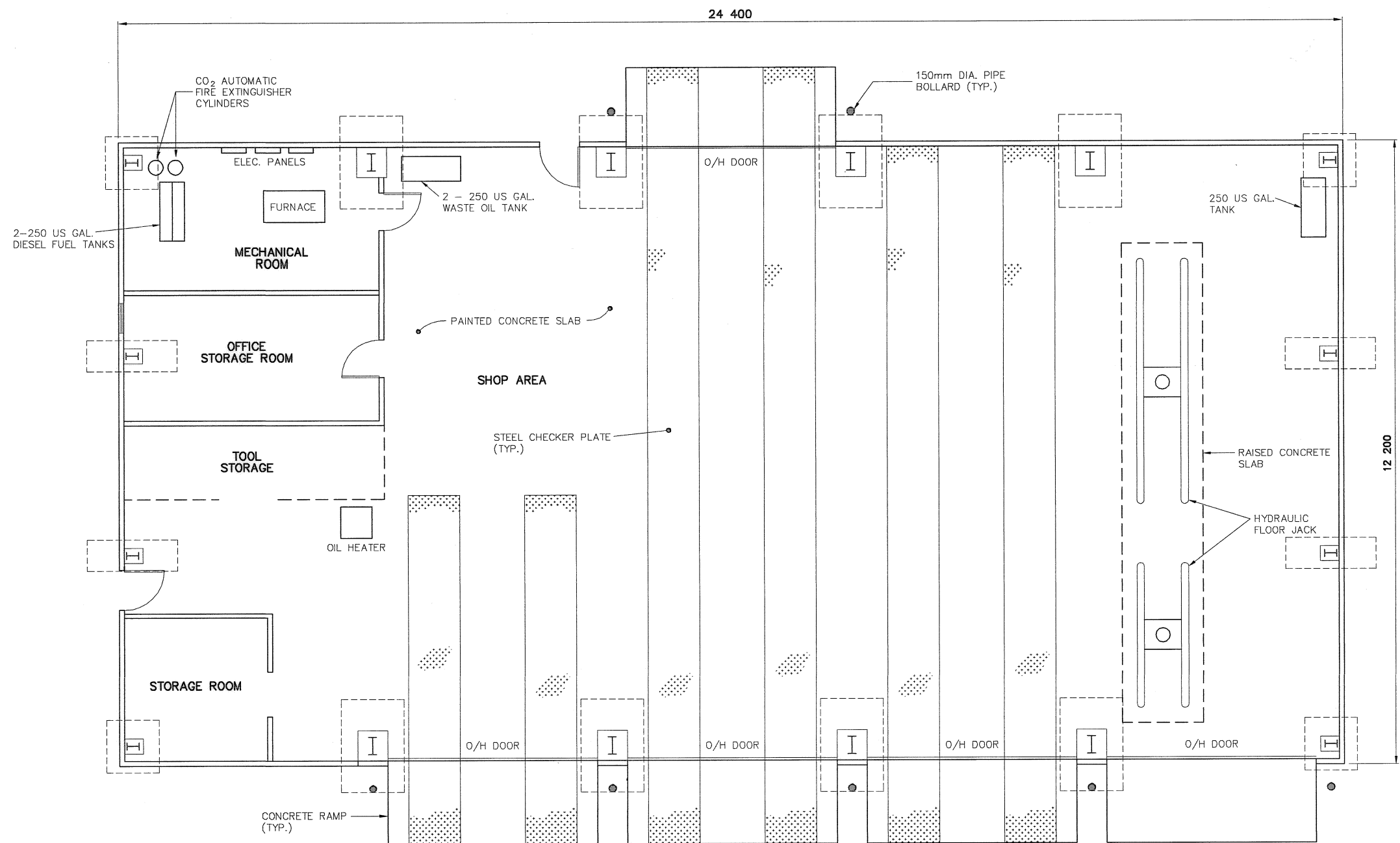
TRADE - MÉTIER	DATE
STRUCTURAL	2010-12-07

SUBJECT - SUJET  
UPPER SITE  
STATION AREA  
DEMOLITION SITE PLAN

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-203

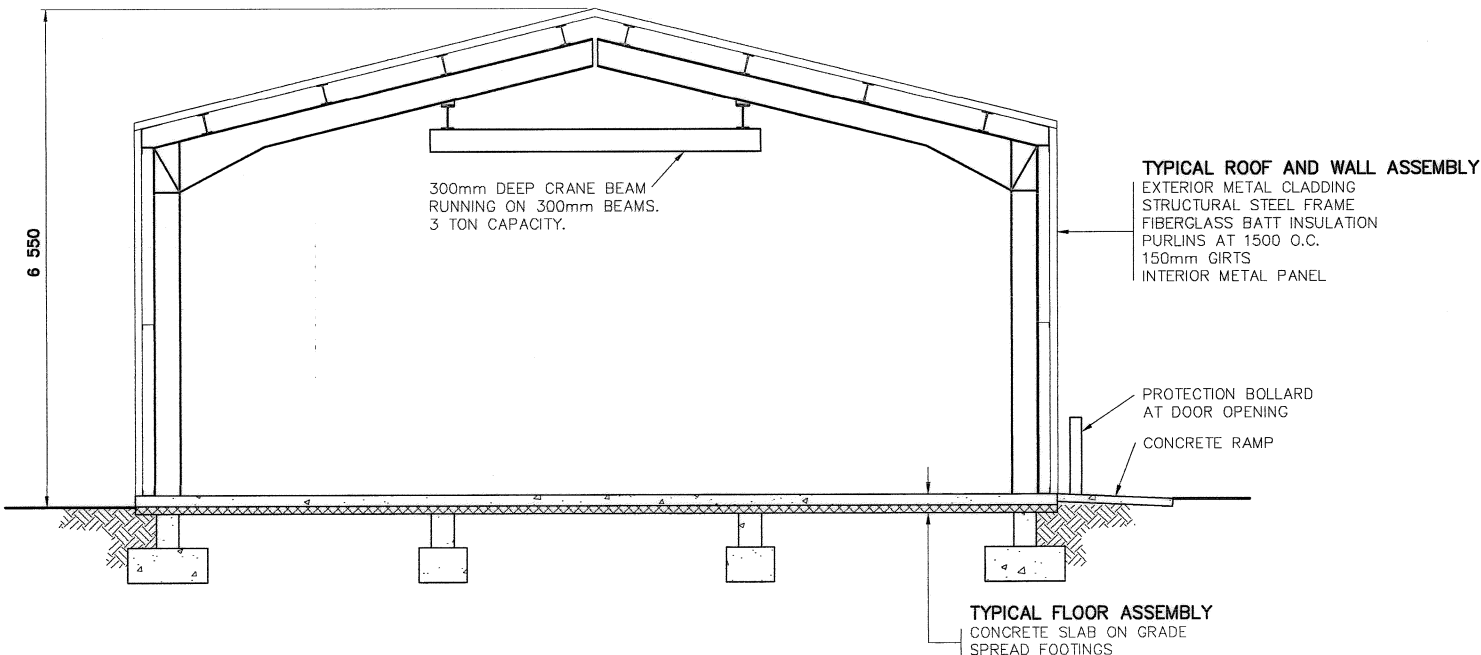




FLOOR PLAN

NWSO NUMBER	COMMENTS
B10B	ASBESTOS REMOVAL REQUIRED.

NOTE:  
CONCRETE PAD AND RAMPS TO REMAIN AND BE REGRADED WITH 300mm TYPE 2 GRANULAR FILL MATERIAL AS CONTINUOUS COVER. REMOVE ALL PAINT FROM CONCRETE SLAB AND RAMPS PRIOR TO REGRADED.



SECTION

- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02080 OF THE SPECIFICATIONS.
  3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
  4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

Legend:

No.	DATE	REVISION	REVISION	APPR.
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AECOM Canada Ltd.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
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AECOM HATCH

SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER  
STRUCTURAL

DATE  
2010-12-07

SUBJECT - SUJET

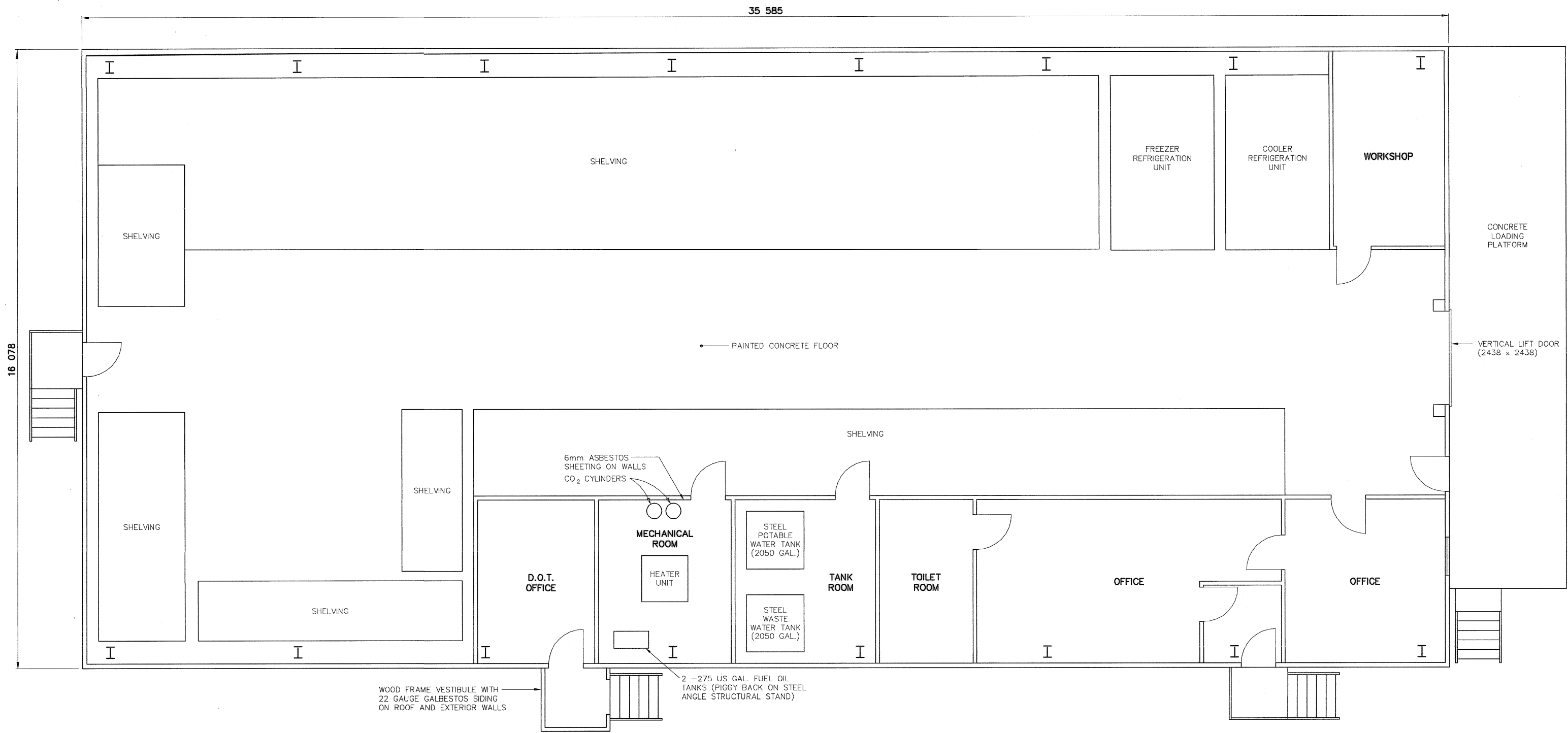
GARAGE  
PLAN AND SECTION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTM/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

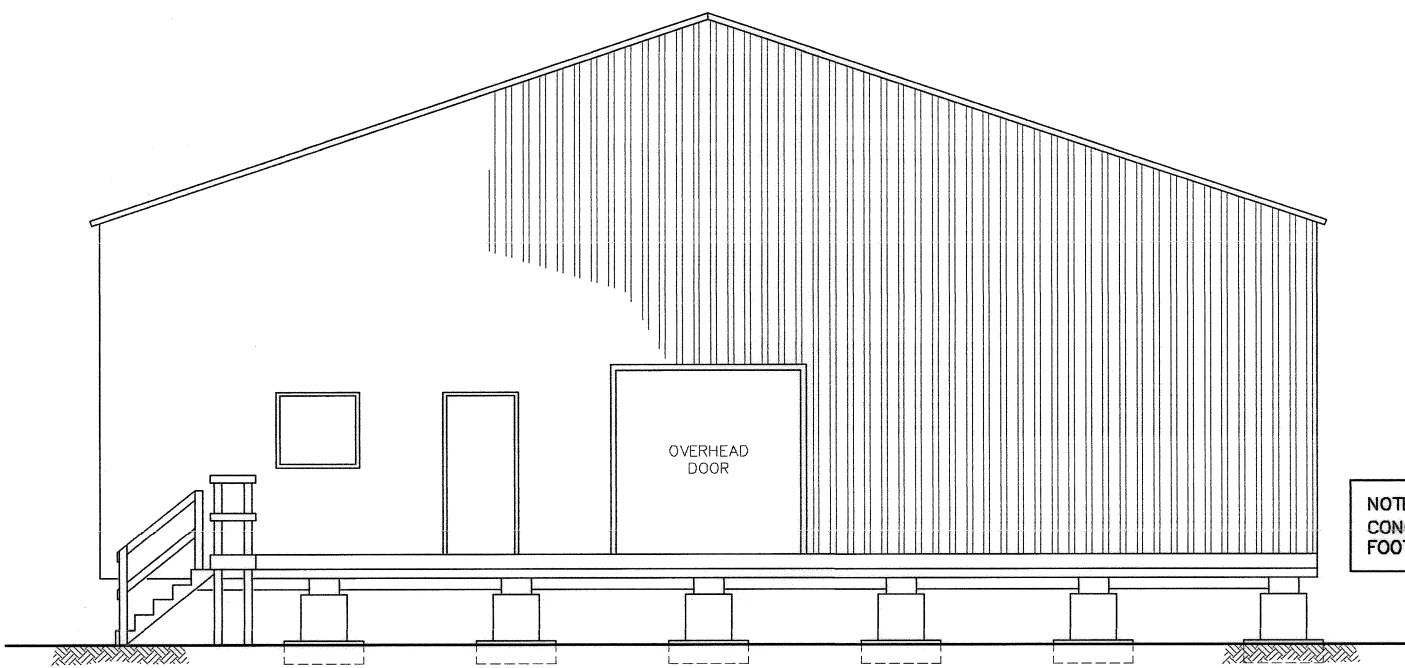
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H-C75/3-9101-204



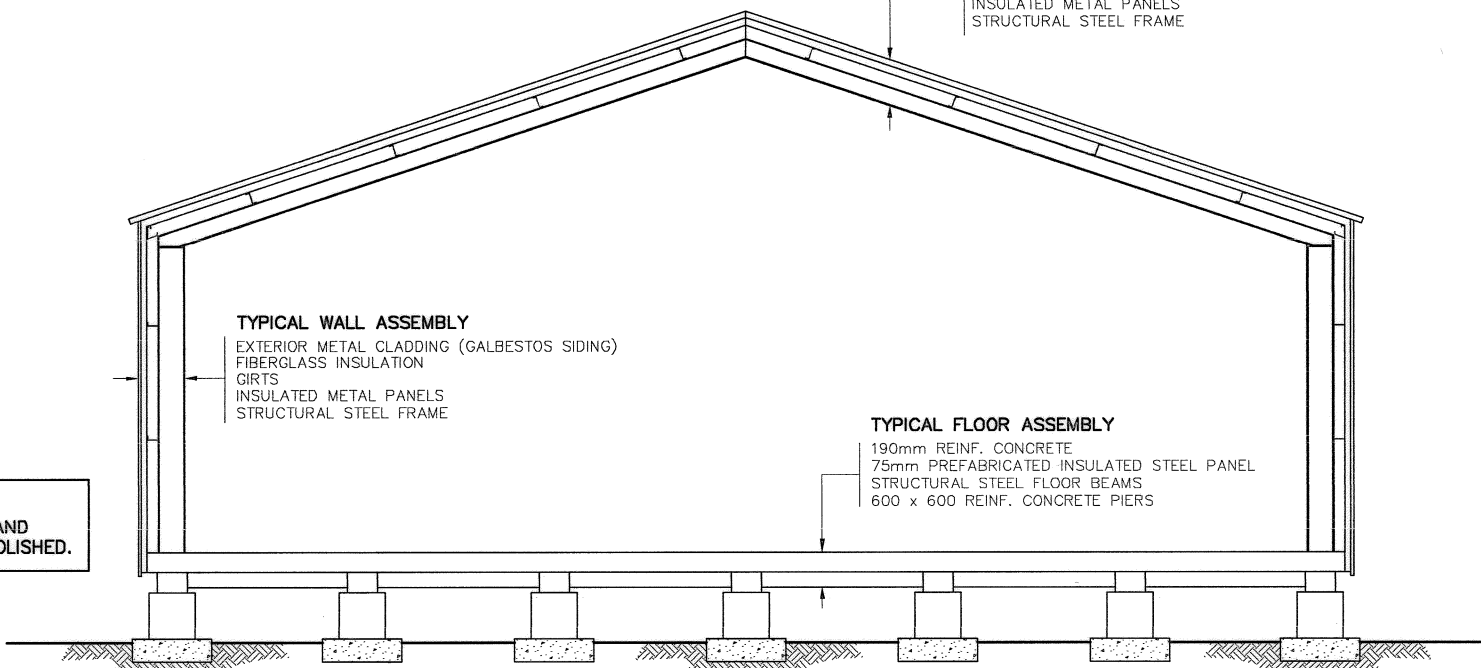




PLAN




ELEVATION




SECTION

NOTE:  
CONCRETE COLUMNS AND  
FOOTINGS TO BE DEMOLISHED.

NWSO NUMBER	COMMENTS
B9A	ASBESTOS REMOVAL REQUIRED.



National  
Defence



Défense  
nationale


Headquarters  
Quartier général


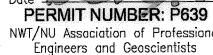
General Notes:



- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
- REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
- MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

Legend:

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Date:   
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SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER  
STRUCTURAL

DATE  
2010-12-07

SUBJECT - SUJET  
AIR TERMINAL BUILDING  
PLAN, SECTION AND ELEVATION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-206

Canada

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

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No.	DATE	REVISION	REVISION	APPR.
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Date: [Date]  
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SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
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STRUCTURAL  
DATE  
2010-12-07

SUBJECT - SUJET

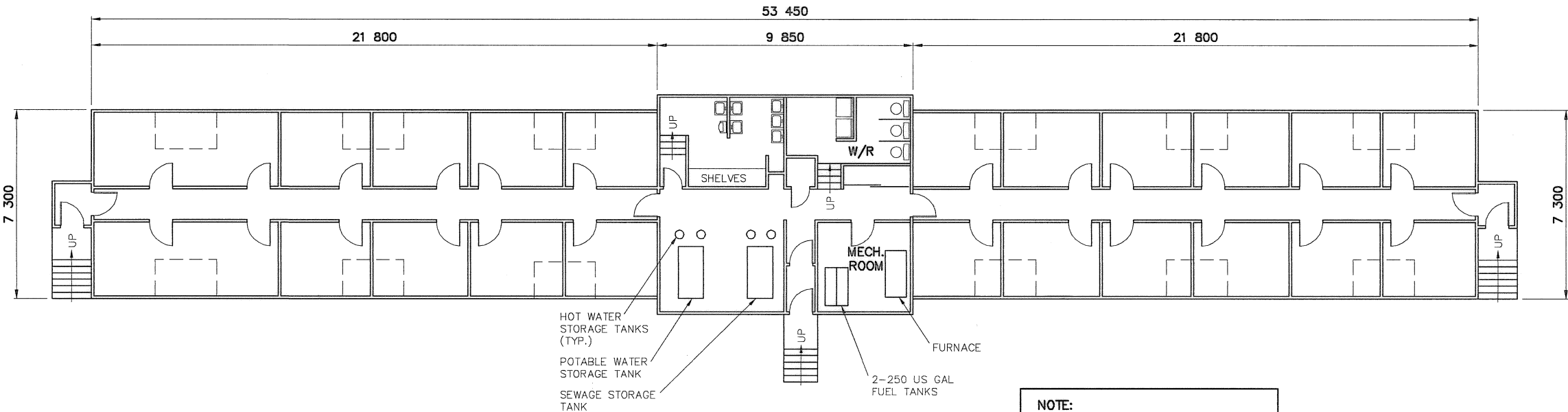
ATWELL DORMITORY  
PLAN, SECTION AND ELEVATION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTM/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-207

Canada

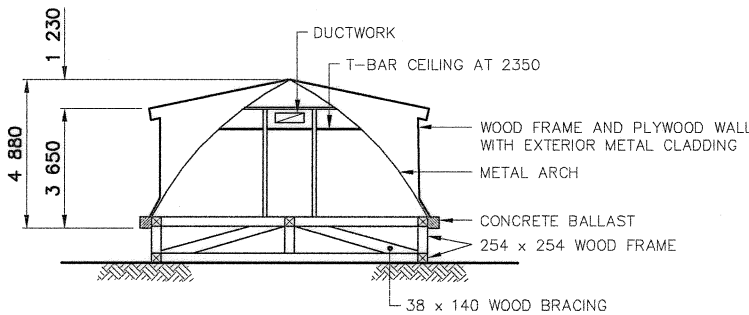
NWSO NUMBER	COMMENTS
B2A	CONCRETE FOOTINGS/POSTS. METAL ARCH. BUILDING WITH EXTERIOR WALLS AND PITCHED ROOF ADDED.
B2B	ASBESTOS REMOVAL REQUIRED. PCB CONTAMINATED CONCRETE IN MECHANICAL ROOMS.



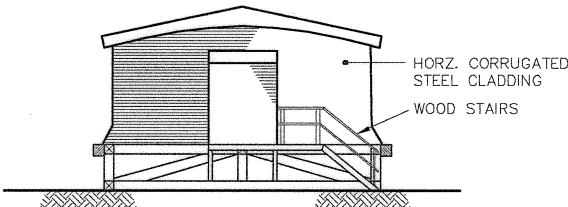
PLAN

NOTE:  
REMOVE 10mm THICKNESS OF PCB  
CONTAMINATED CONCRETE FROM  
FLOORS OF MECHANICAL ROOMS.

NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.



SECTION



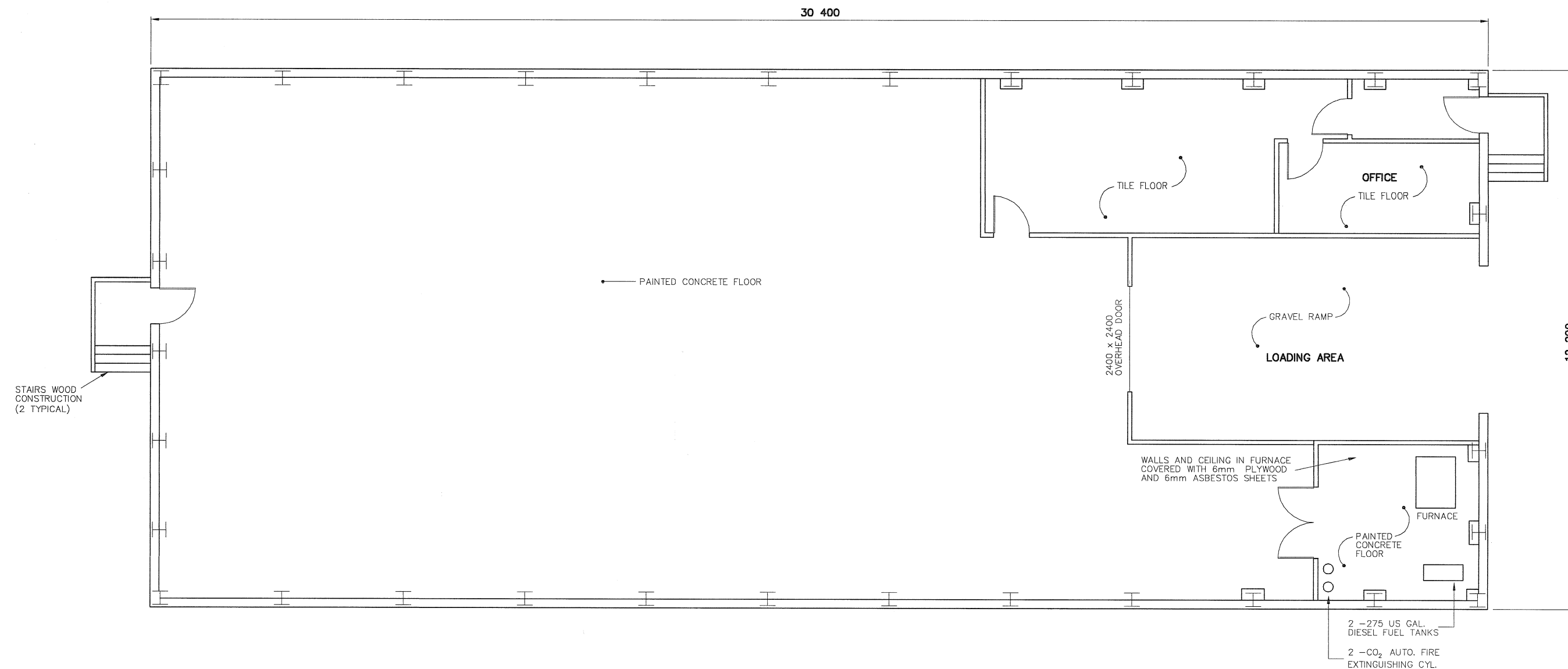
END ELEVATION



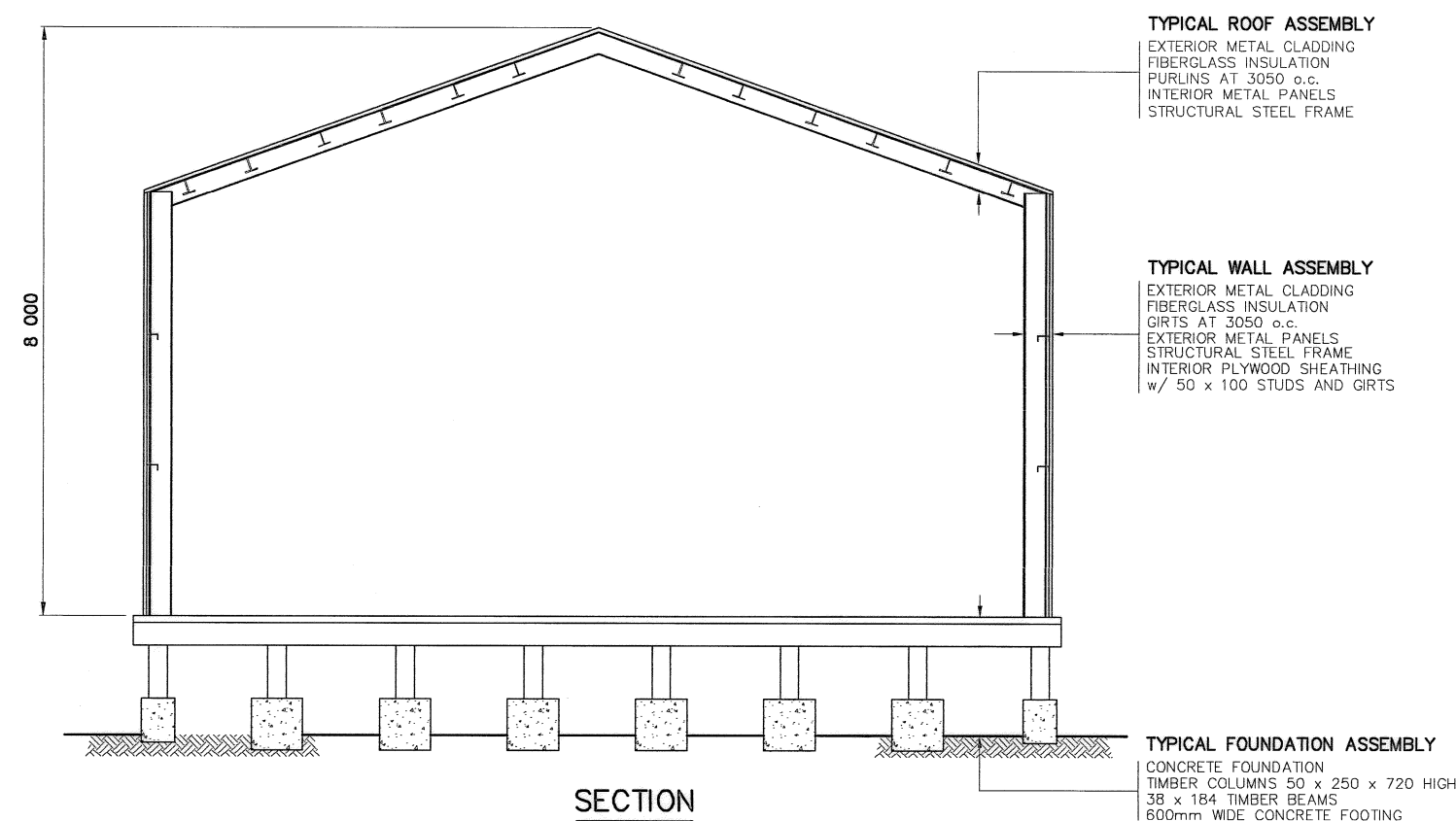
General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

Legend:



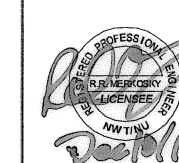
PLAN



NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.

SECTION

NWSO NUMBER	COMMENTS
B13A	ASBESTOS REMOVAL REQUIRED.



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SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

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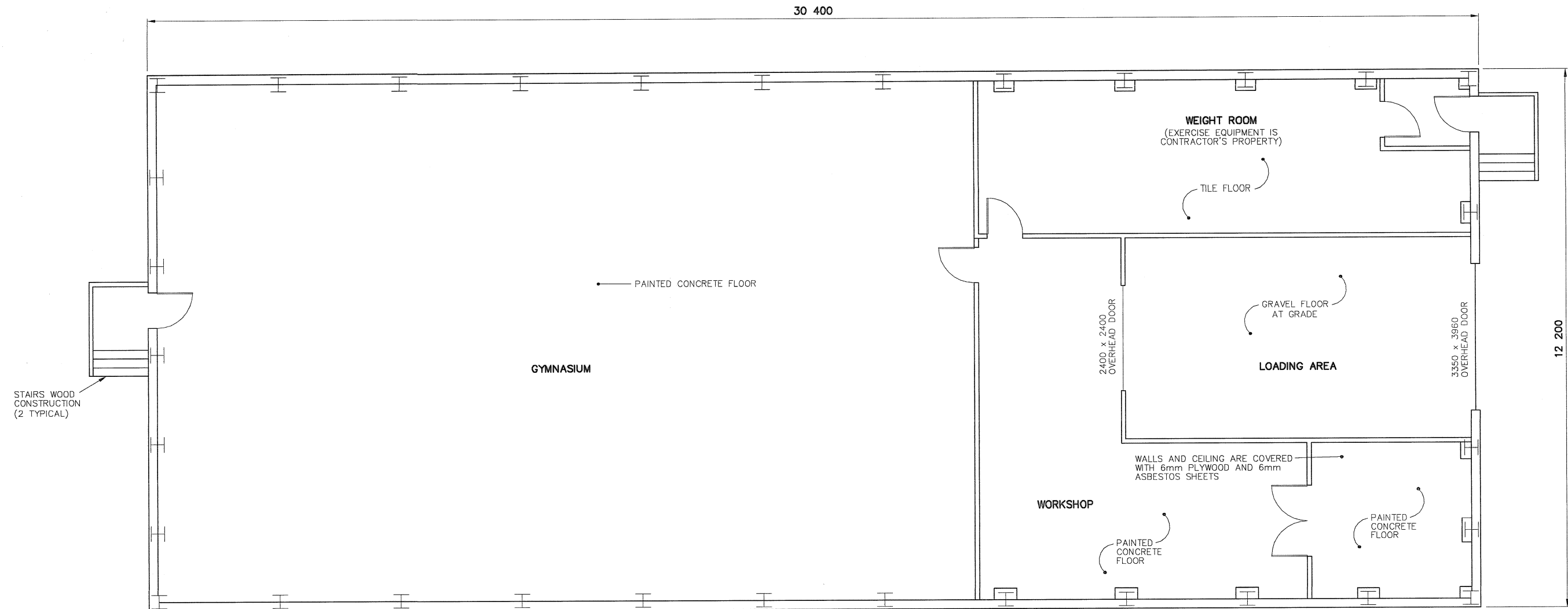
TRADE - METIER STRUCTURAL DATE 2010-12-07  
SUBJECT - SUJET

WAREHOUSE-B13A  
PLAN AND SECTION

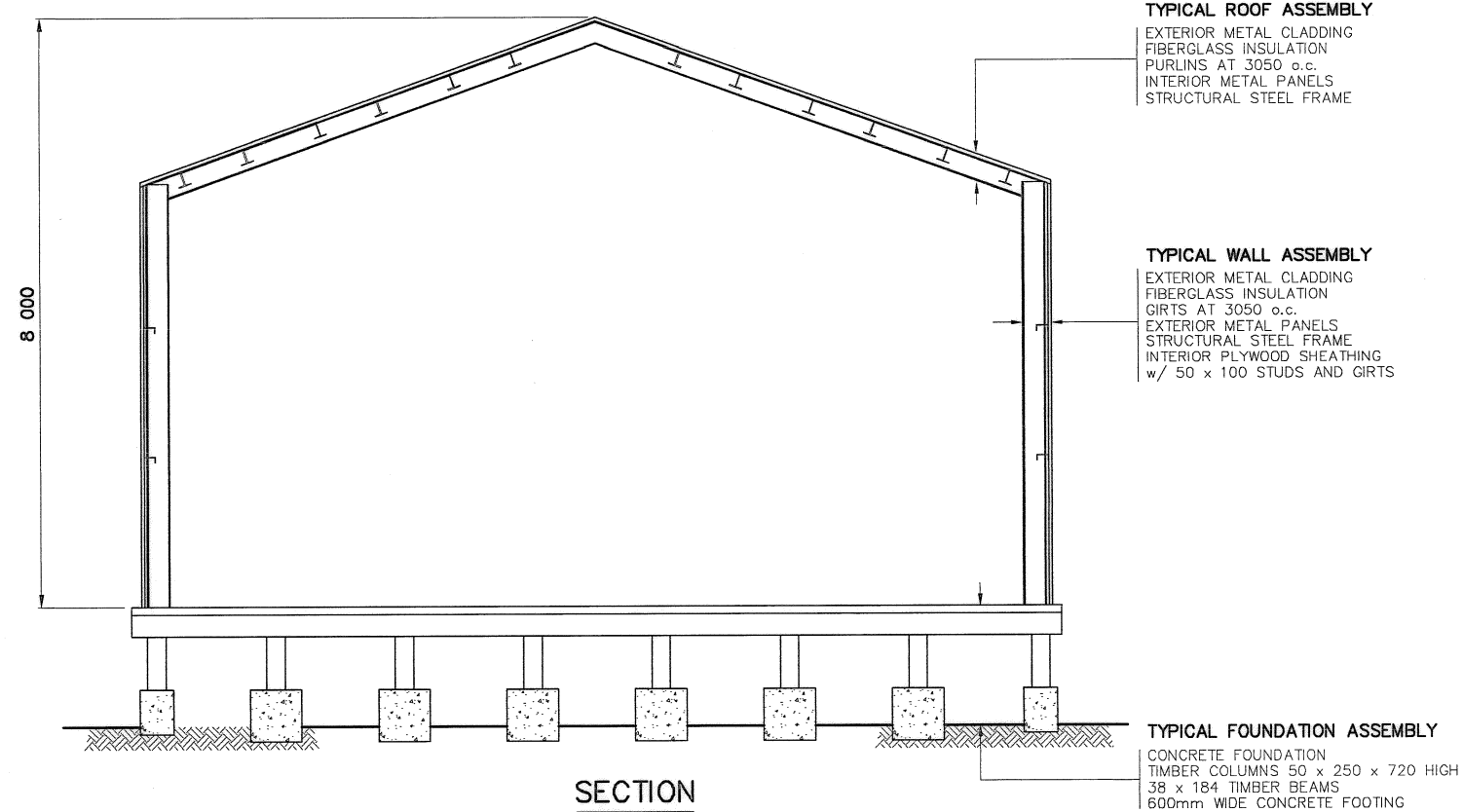
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTR/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-208

Canada



PLAN



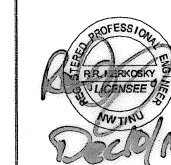
NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

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SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

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STRUCTURAL  
DATE  
2010-12-07

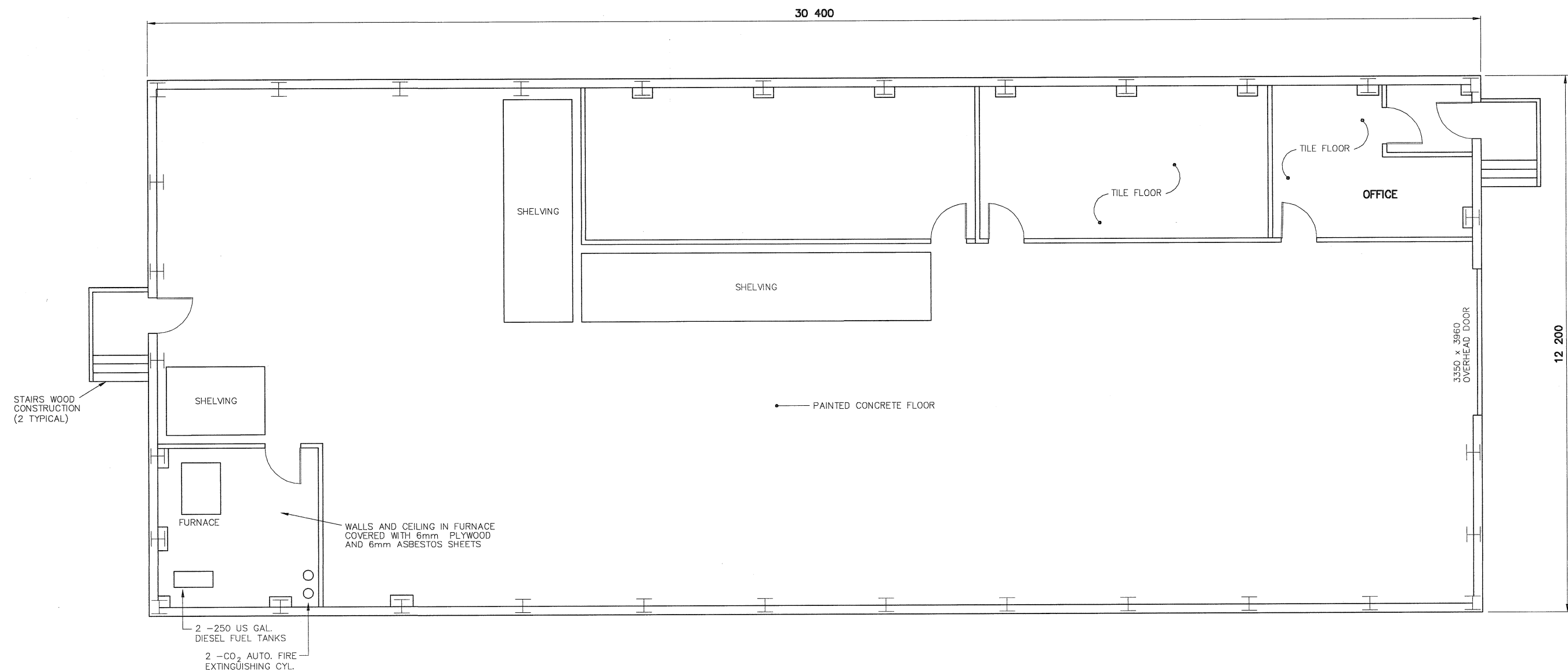
SUBJECT - SUJET

WAREHOUSE-B13B  
PLAN AND SECTION

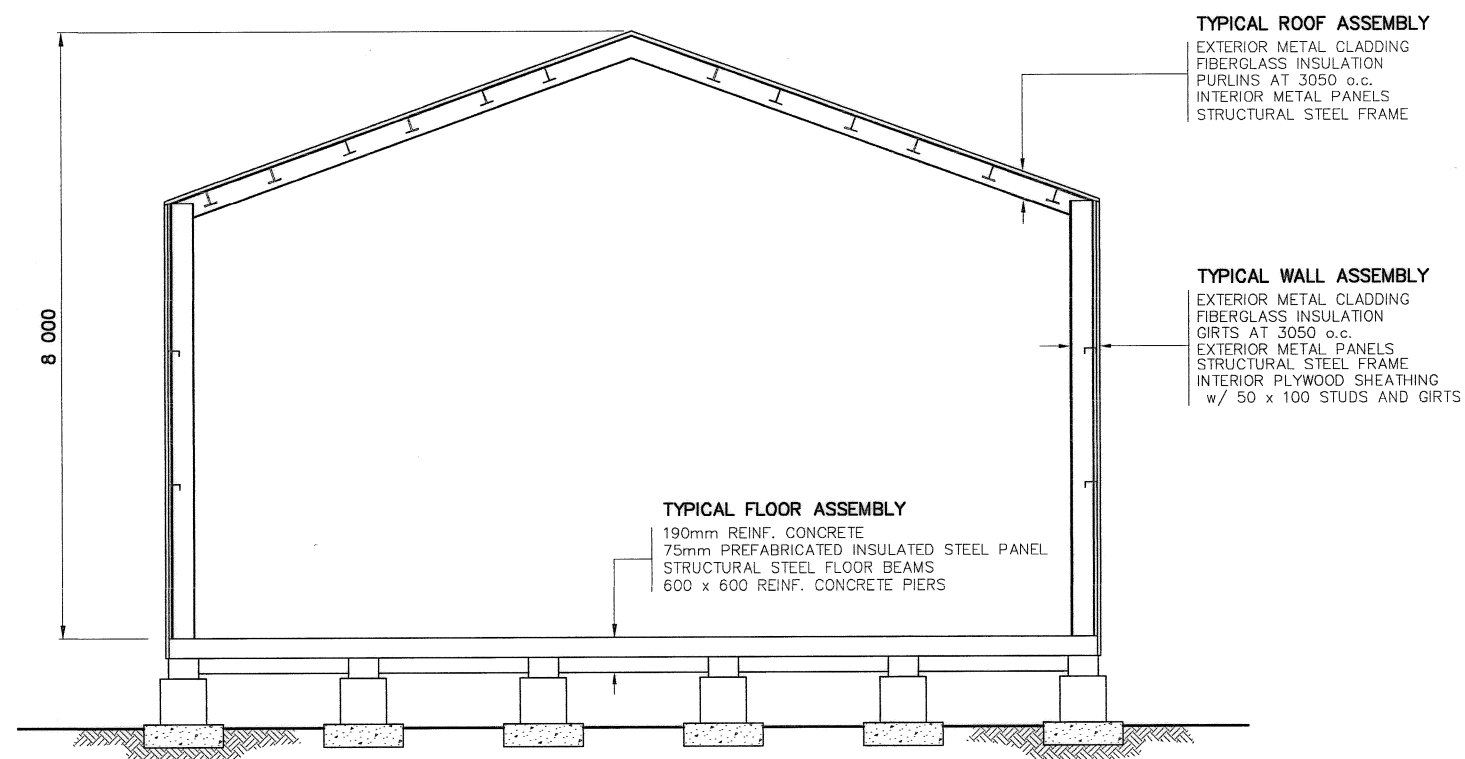
PRODUCTION	CONCURRENCE - ASSESSMENT
DESIGNED ETUDIE DTM/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE BUIF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-209

Canada



PLAN



SECTION

NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.

NWSO NUMBER	COMMENTS
B13F	ASBESTOS REMOVAL REQUIRED. ADDITIONAL PORTIONS: 32.7m WOOD FRAME/PLYWOOD.



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Defence nationale

Headquarters  
Quartier général

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02080 OF THE SPECIFICATIONS.
3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

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SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

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SUBJECT - SUJET

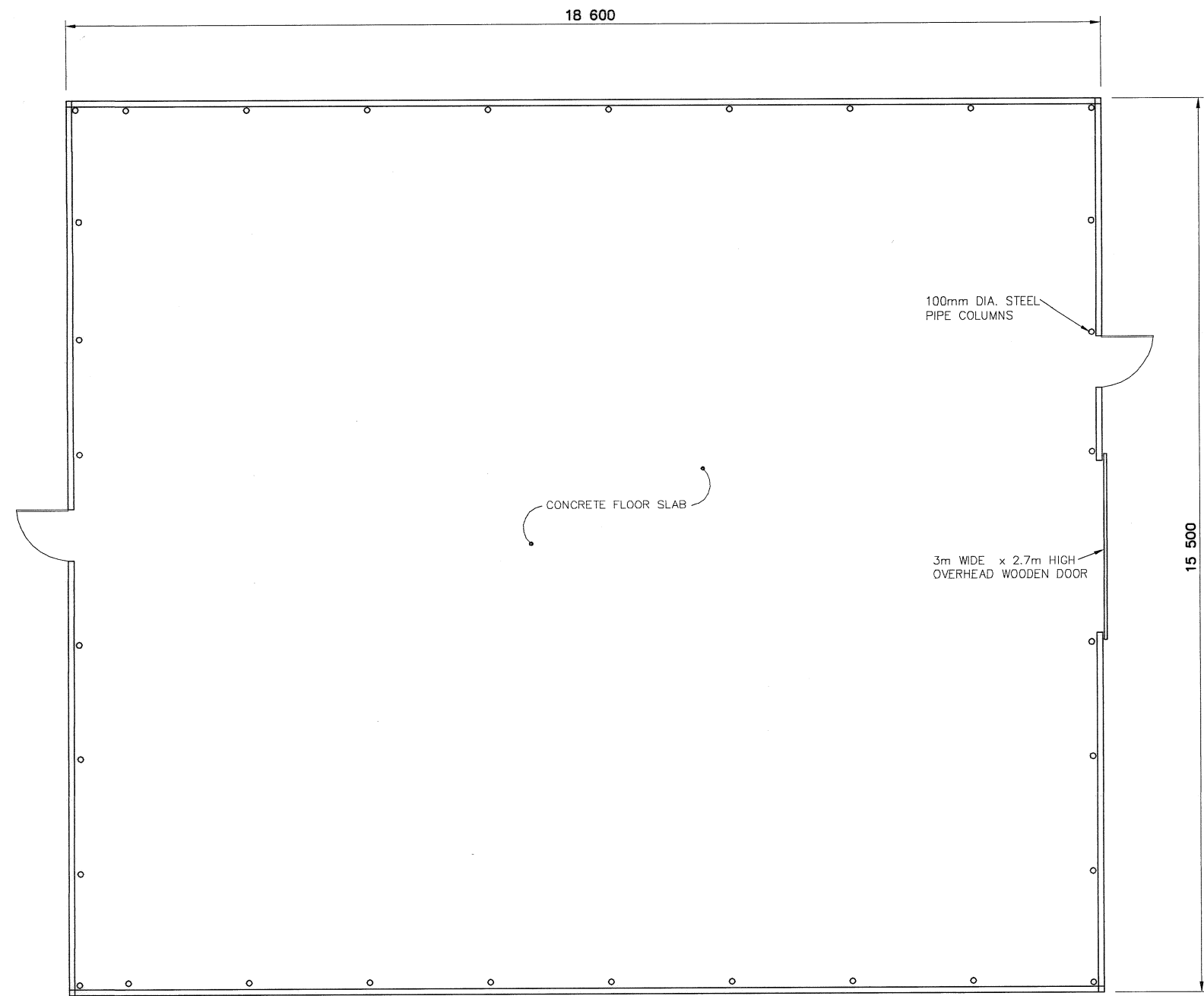
WAREHOUSE-B13F  
PLAN AND SECTION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE <i>DTM/THE</i>	DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/CAE</i>	SECT HD CHEF SECT
CHECKED VERIFIE <i>BWF</i>	DES MGR GEST CONCEPT
COORDINATION <i>RAM</i>	REVIEWED - REVU

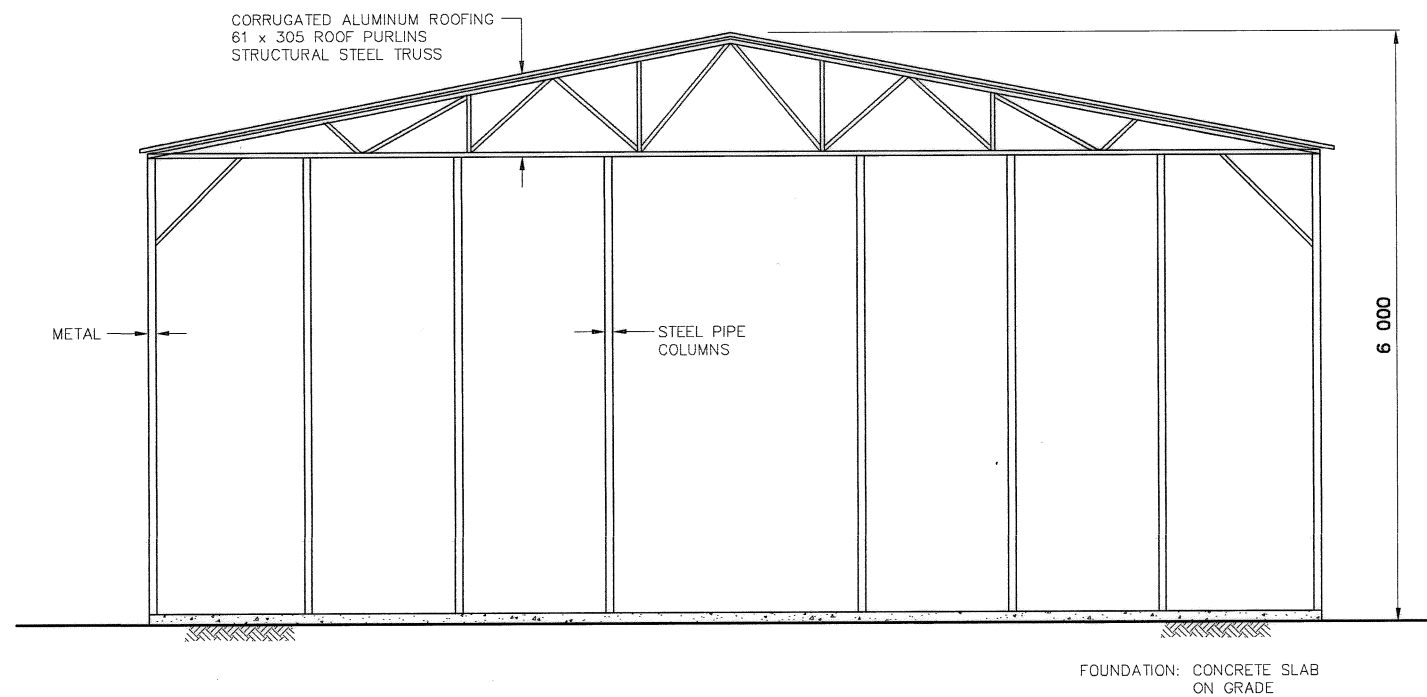
DWG. NO. - DESSIN NO.  
H-C75/3-9101-210

Canada





PLAN



SECTION

NOTE:  
REMOVE BARRELS AND CONTAINERS IN  
STORAGE AND UNDERLYING GEOMEMBRANE  
LINER PRIOR TO DEMOLITION.

NOTE:  
DEMOLISH STRUCTURE TO TOP OF CONCRETE  
FLOOR SLAB.

NWSO NUMBER	COMMENTS
B13E	AS SHOWN


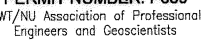
General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FACILITIES TO BE DEMOLISHED MAY CONTAIN PCB AND LEAD CONTAMINATED PAINT. REFER TO SECTION 02060 OF THE SPECIFICATIONS.
3. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.
4. MECHANICAL EQUIPMENT/DUCTING NOT SHOWN.

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SCALE - ECHELLE N.T.S.

PROJECT - PROJET  
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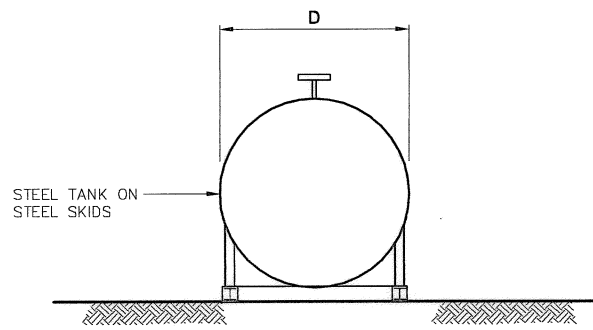
TRADE - METIER STRUCTURAL DATE 2010-12-07  
SUBJECT - SUJET

WAREHOUSE-B13E  
PLAN AND SECTION

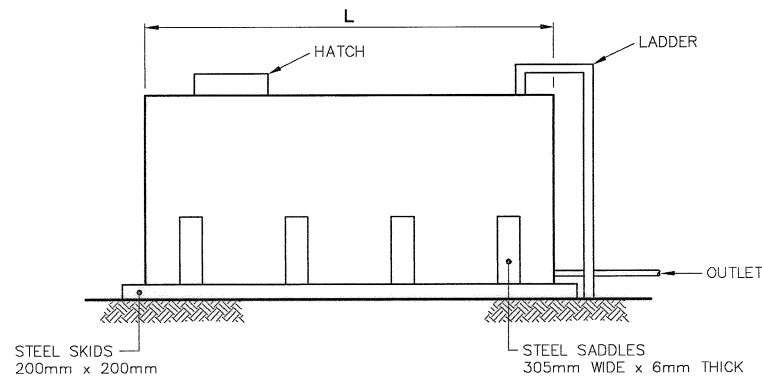
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE <i>DTM/THE</i>	DES OFF AGENT CONCEPT
DRAWN DESSINE <i>IC/CAE</i>	SECT HD CHEF SECT
CHECKED VERIFIE <i>DW/F</i>	DES MGR GEST CONCEPT
COORDINATION <i>RRM</i>	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-211

Canada



FRONT ELEVATION

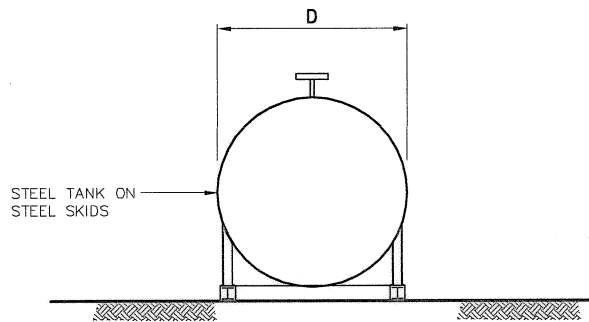


SIDE ELEVATION

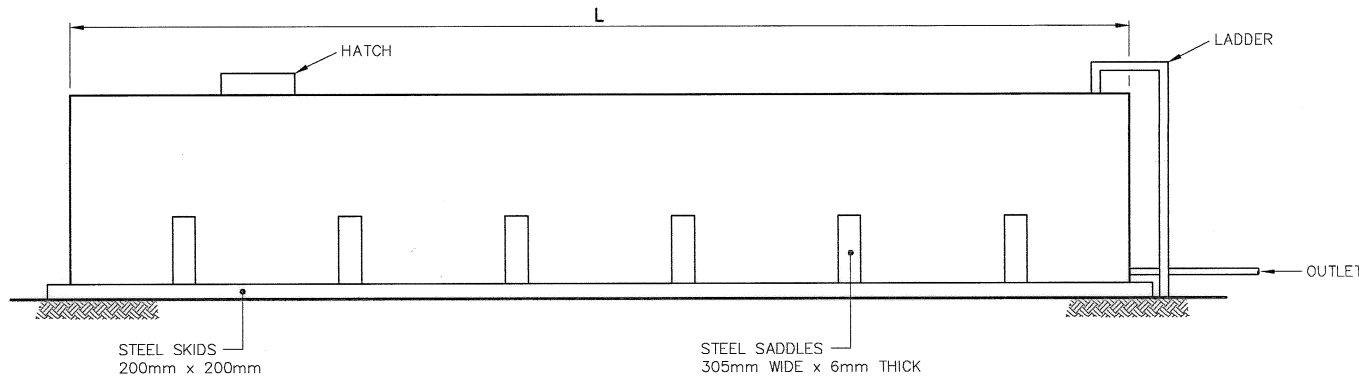
6000 GALLON FUEL TANK

N.T.S.

NWSO NUMBER	COMMENTS
W38G	6000 US GALLON CAPACITY (MOGAS) D = 2400mm ; L = 5400mm 4 - STEEL SADDLES AT 1400mm O.C.



FRONT ELEVATION



SIDE ELEVATION

18 300 GALLON FUEL TANK

N.T.S.

NWSO NUMBER	COMMENTS
W19G	18 300 US GALLON CAPACITY D = 2500mm ; L = 14 000mm 6 - STEEL SADDLES AT 2200mm o.c.



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Defence nationale

Headquarters  
Quartier général

General Notes:

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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:

No.	DATE	REVISION	REVISION	APPR.
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Date: [Date]  
PERMIT NUMBER: P639  
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Engineers and Geoscientists

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SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

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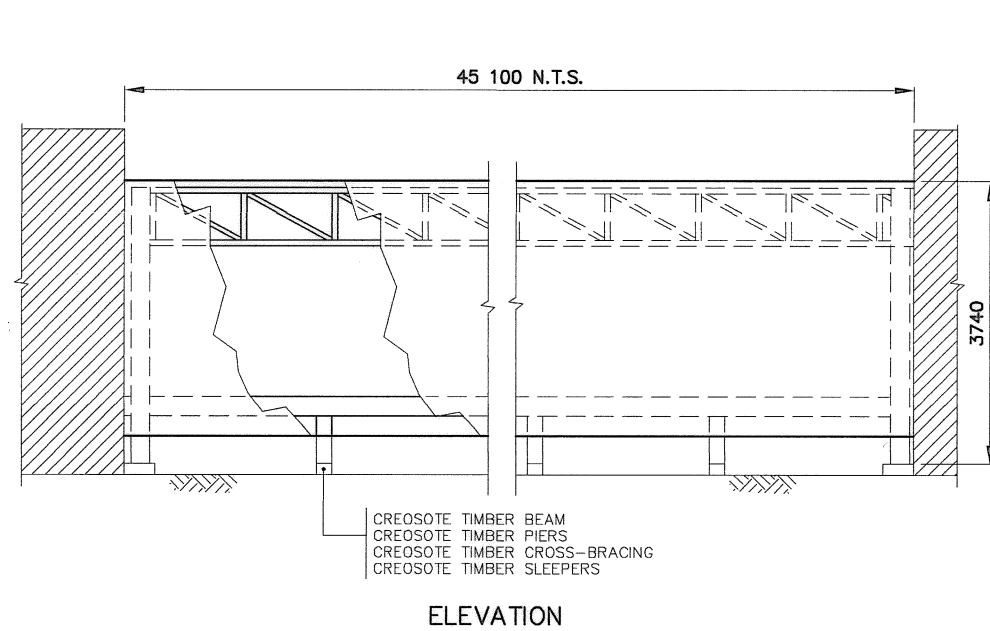
TRADE - METIER	STRUCTURAL	DATE	2010-12-07
SUBJECT - SUJET			

FUEL TANKS  
ELEVATIONS

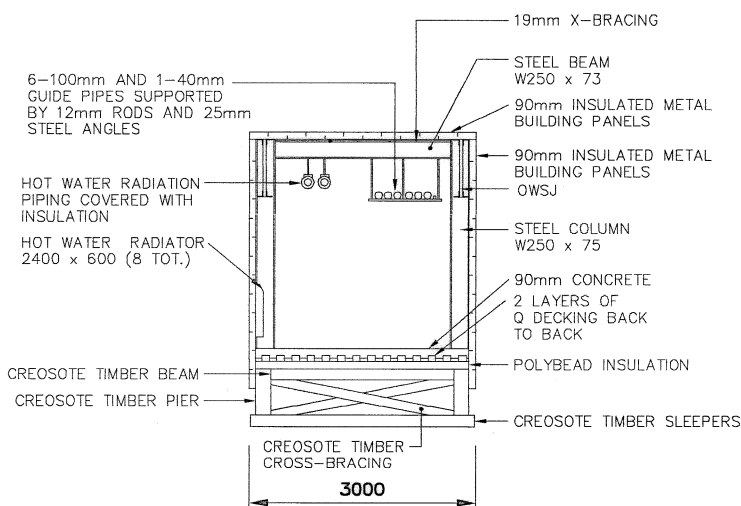
PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ETUDIE DYM/TME		DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE		SECT HD CHEF SECT
CHECKED VERIFIE DMF		DES MGR GEST CONCEPT
COORDINATION RRM		REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-212

Canada

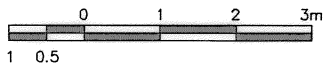


ELEVATION




SECTION


BUILDING LINK



NWSO NUMBER	COMMENTS
W42D	45m TOTAL LENGTH.



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Defence



D fense  
nationale

Headquarters  
Quartier g n ral

General Notes:


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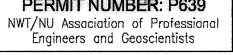
2. REFER TO DEMOLITION TABLES IN  
SPECIFICATIONS FOR LIST OF MAJOR  
BUILDING CONTENTS.

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

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SCALE - ECHELLE  
AS SHOWN

PROJECT - PROJET  
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TRADE - METIER  
STRUCTURAL

DATE  
2010-12-07

SUBJECT - SUJET  
BUILDING LINK  
SECTION AND ELEVATION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED �TU�DIE DTH/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CNE	SECT HD CHEF SECT
CHECKED VERIFIE DUFF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-213

Canada



General Notes:

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Legend:

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Date: [Date]  
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SCALE - ECHELLE AS SHOWN

PROJECT - PROJET  
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TRADE - METIER STRUCTURAL DATE 2010-12-07

SUBJECT - SUJET

SMALL COMMUNICATION BILLBOARD,  
FEEDHORN FOUNDATION  
PLAN, SECTION AND ELEVATIONS

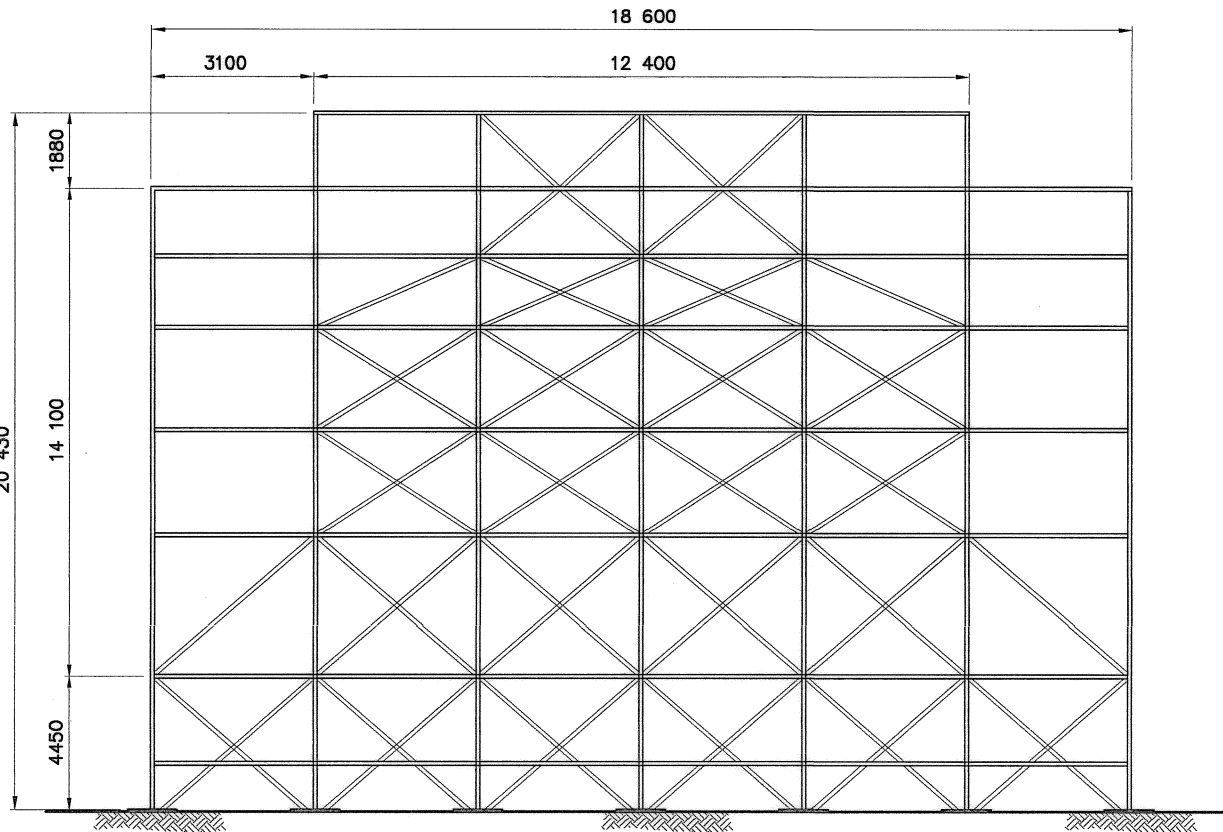
PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTH/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE DWF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-214

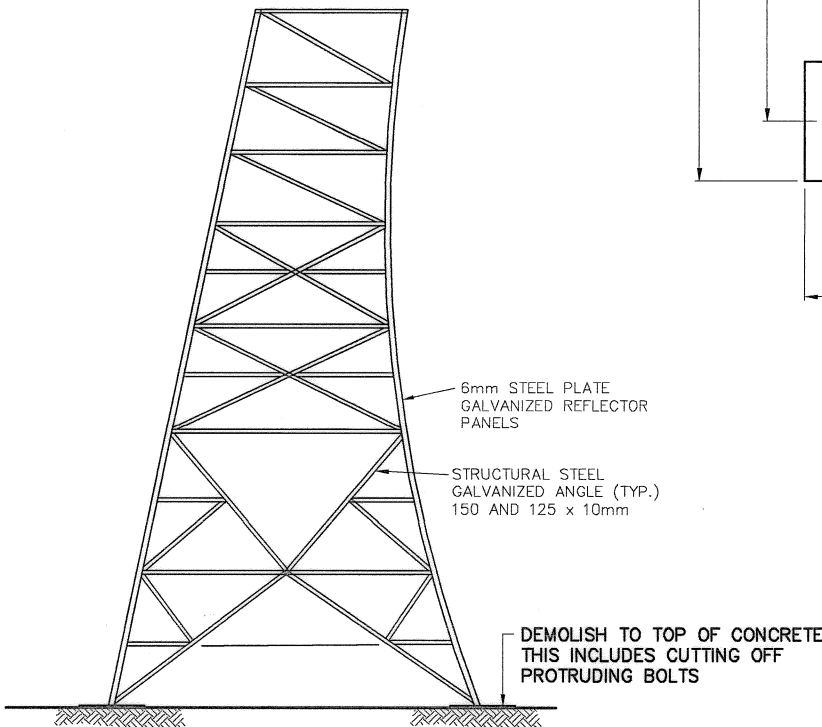
Canada

NOTE:  
SMALL COMMUNICATION BILLBOARDS  
ARE OVERTURNED BESIDE CONCRETE  
FOUNDATIONS.

NWSO NUMBER	COMMENTS
W09C	RIBBED CLADDING ON REAR AND SIDES. (GALBESTOS)
W09C	NO CLADDING.



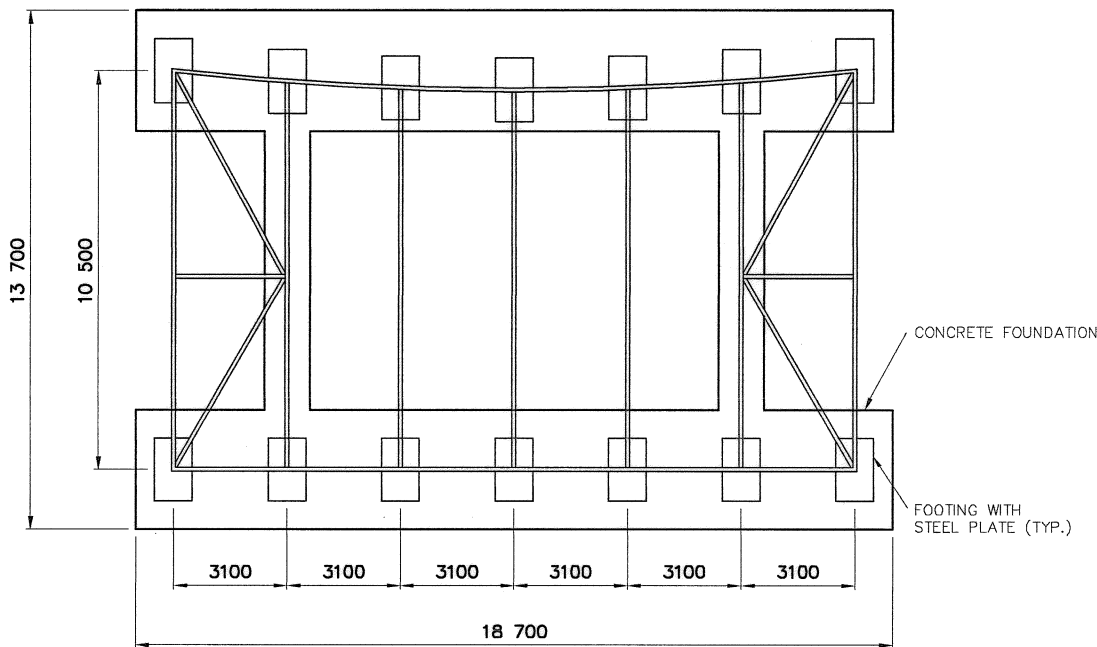
REAR ELEVATION



SECTION

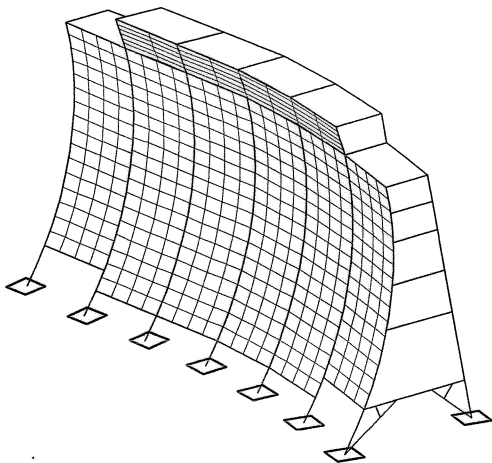
SMALL COMMUNICATION BILLBOARD

N.T.S.

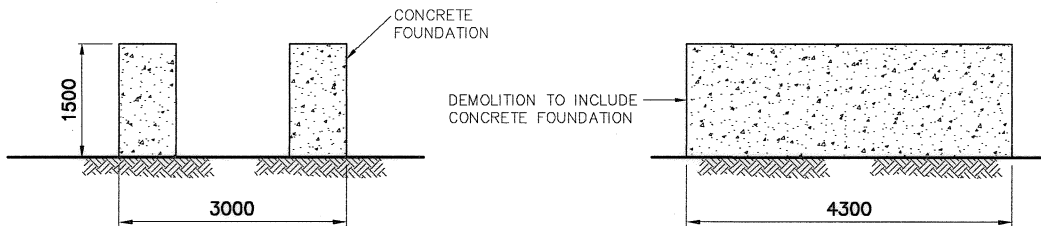


PLAN

- NOTES:
1. VISIBLE FOUNDATIONS ARE 1300 x 1700 CONCRETE FOOTINGS AT GRADE.



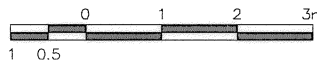
ISOMETRIC VIEW



SIDE ELEVATION

END ELEVATION


TYPICAL FEEDHORN FOUNDATION (SMALL BILLBOARDS)



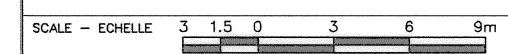
- General Notes:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  2. REFER TO DEMOLITION TABLES IN SPECIFICATIONS FOR LIST OF MAJOR BUILDING CONTENTS.

Legend:

No.	DATE	REVISION	REVISION	APPR.
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Date: *[Date]*  
PERMIT NUMBER: P639  
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PROJECT - PROJET  
**DYE-M CAPE DYER**

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TRADE - METIER  
**STRUCTURAL**

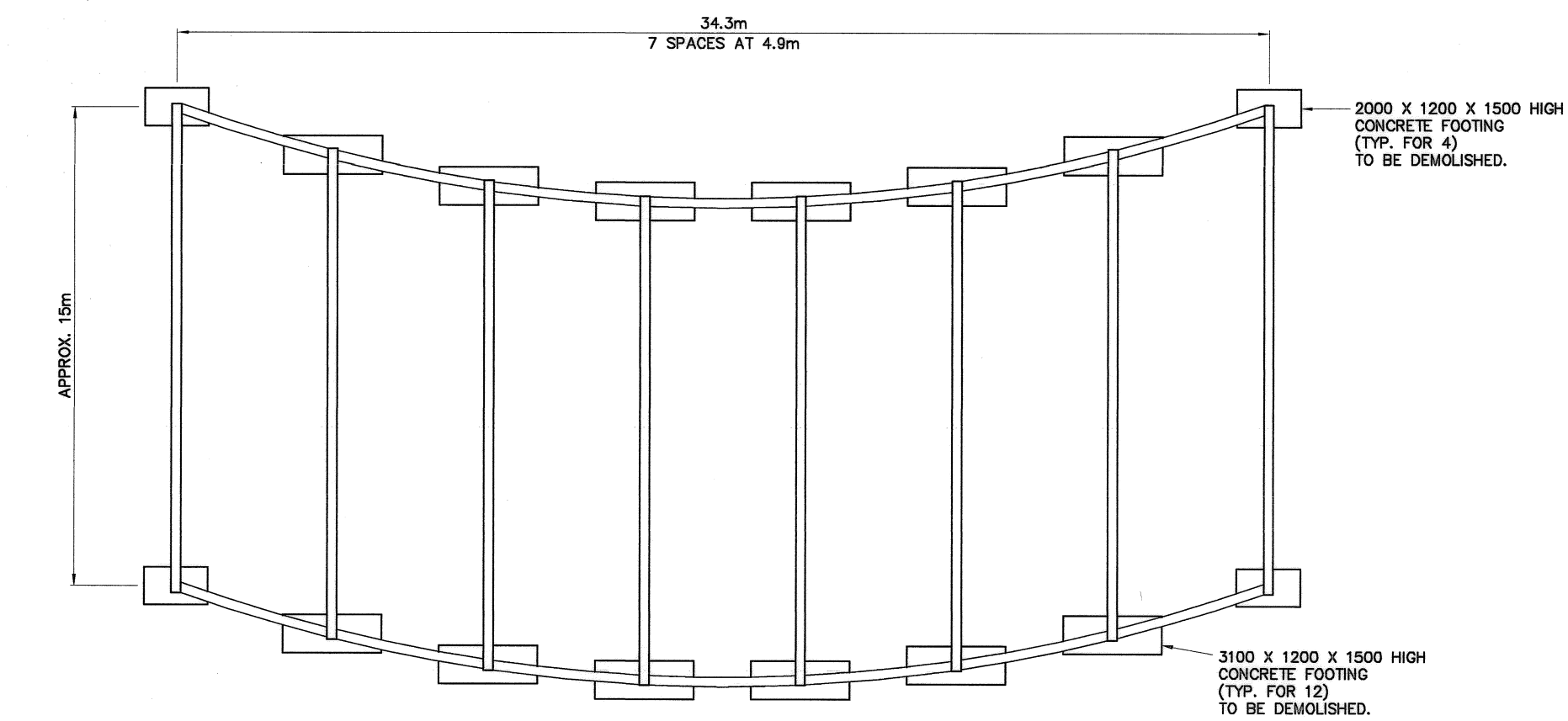
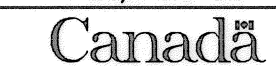
DATE  
**2010-12-07**

SUBJECT - SUJET

**LARGE COMMUNICATION BILLBOARD  
PLAN, SECTION AND ELEVATION**

DESIGNED ETUDIE	DTM/TME	DES OFF AGENT CONCEPT
DRAWN DESSINE	IC/CME	SECT HD CHIEF SECT
CHECKED VERIFIE	DWFF	DES MGR GEST CONCEPT
COORDINATION RRM		REVIEWED - REVU

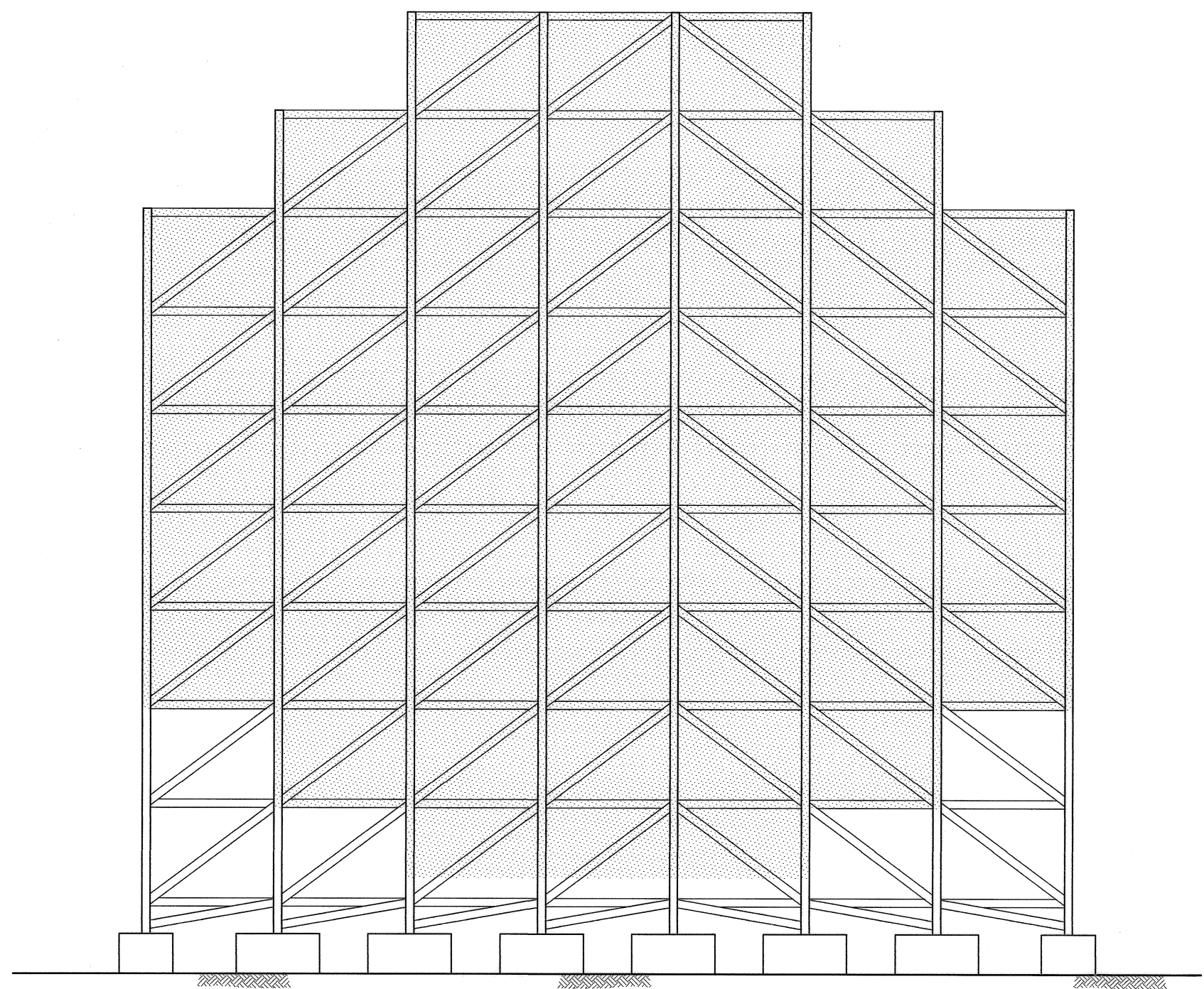
DWG. NO. - DESSIN NO.  
H-C75/3-9101-215



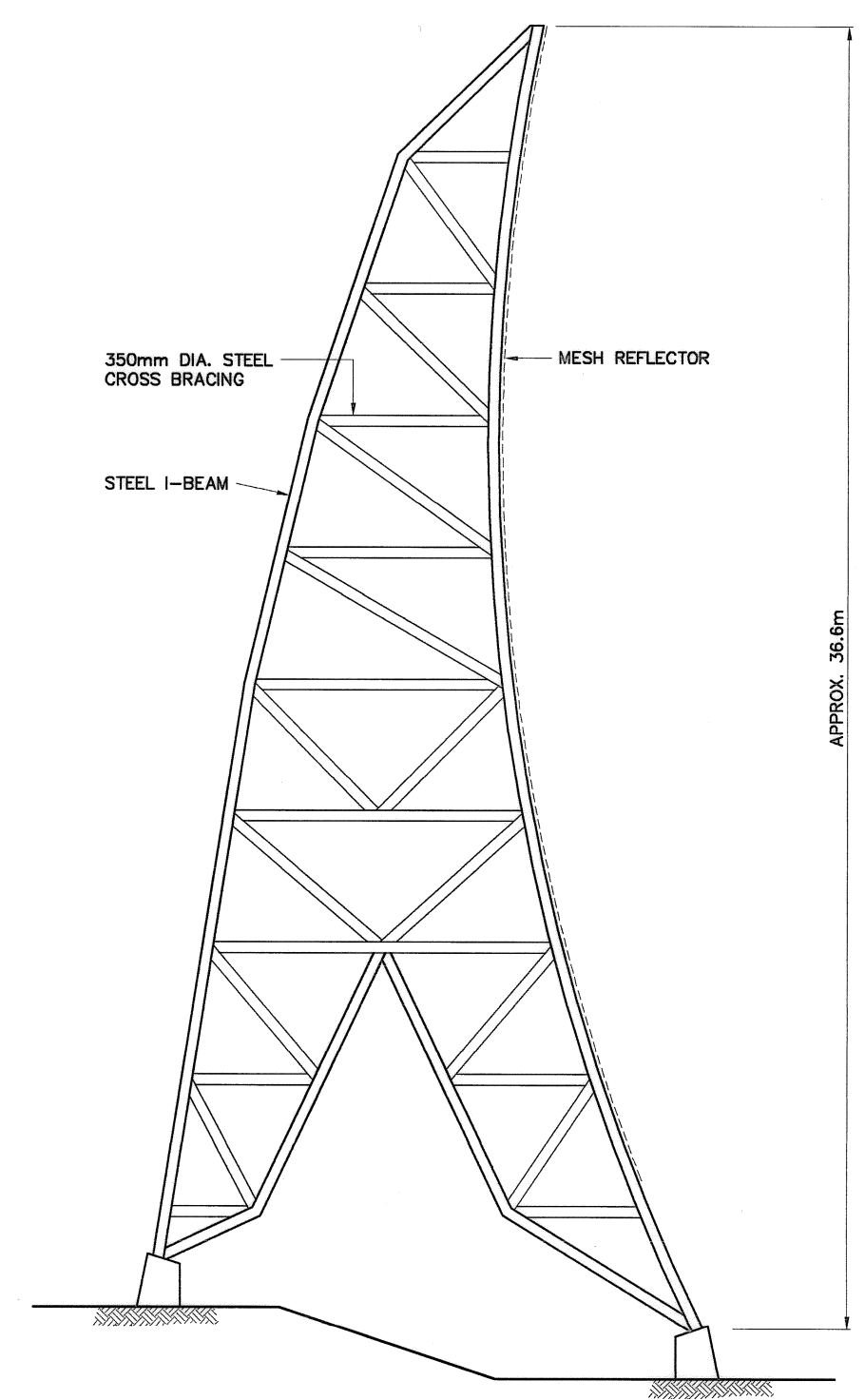
PLAN

NWSO NUMBER	COMMENTS
W09C	36.6m HIGH BILLBOARD (NOT ENCLOSED) WITH CONCRETE FOOTING FOUNDATIONS.
W09-C	MESH REFLECTORS ON CURVED PORTION.

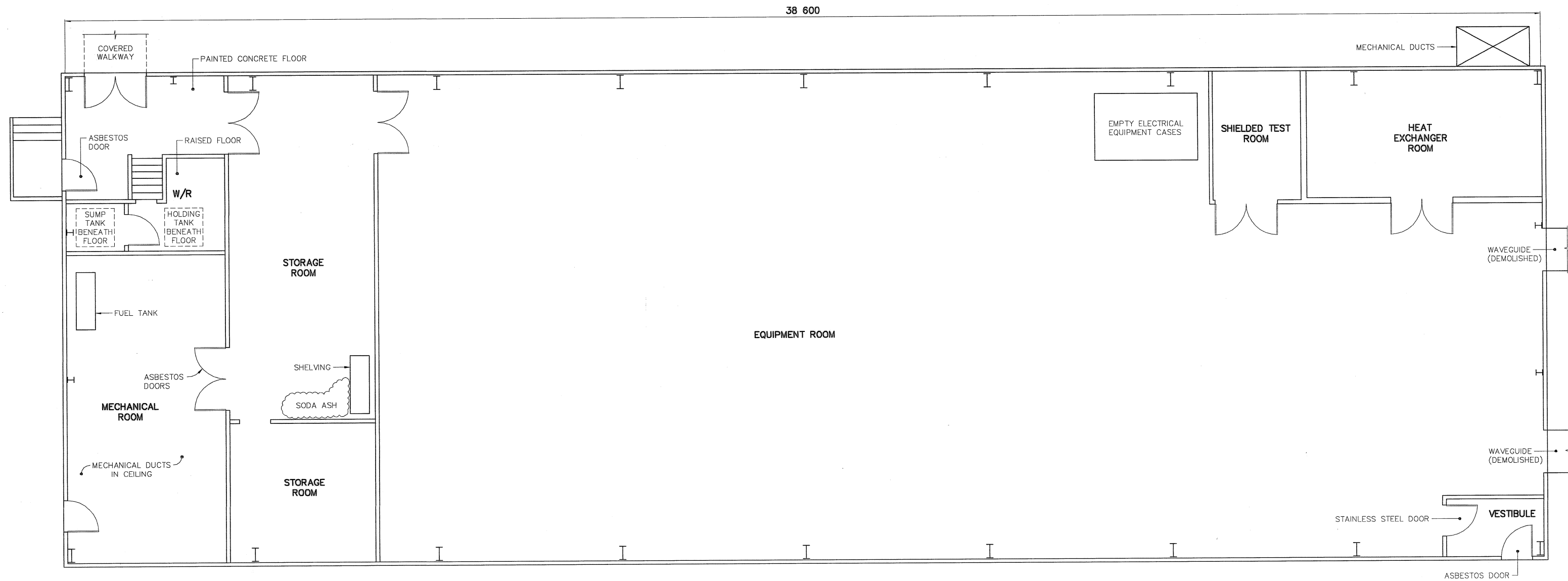
NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.



REAR ELEVATION

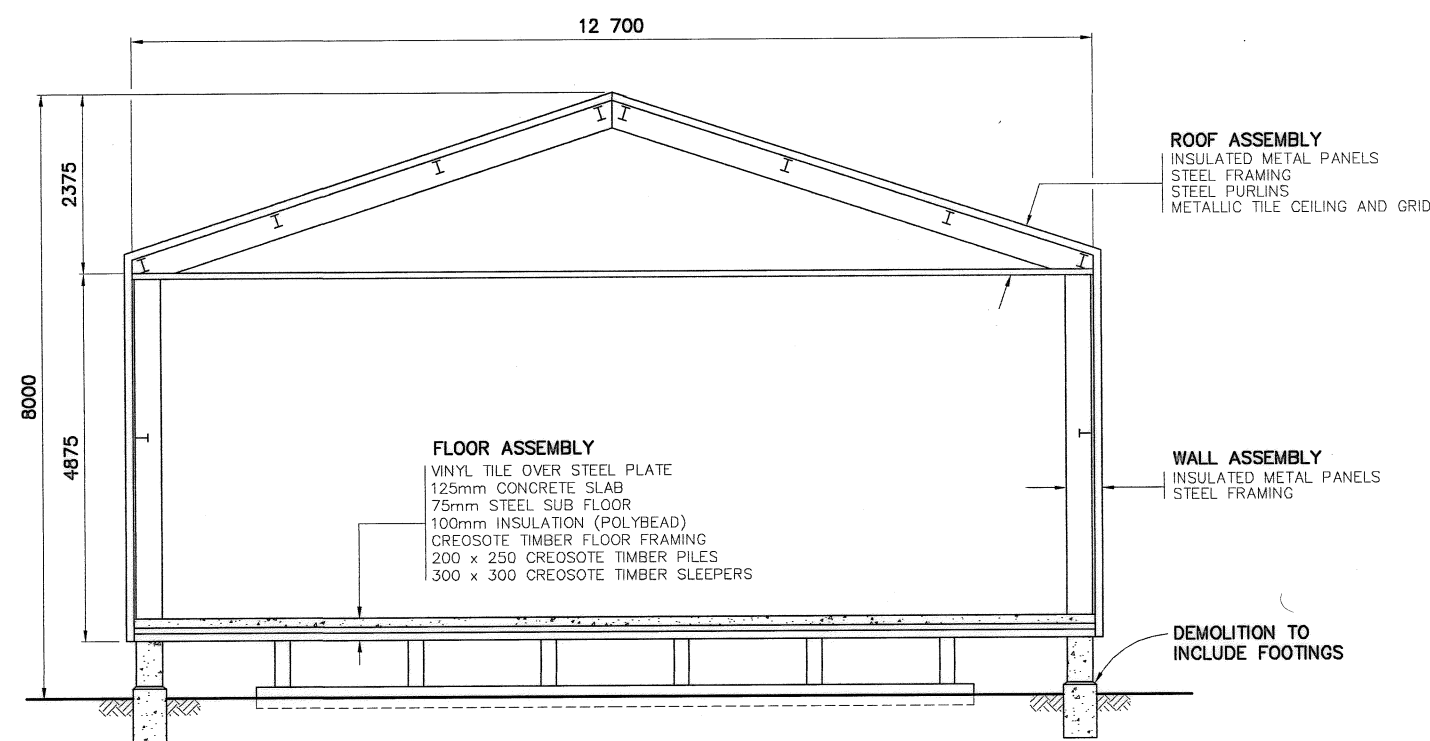


SECTION



PLAN

NWSO NUMBER	COMMENTS
B25D	AS SHOWN. ASBESTOS DOORS REMOVAL REQUIRED.



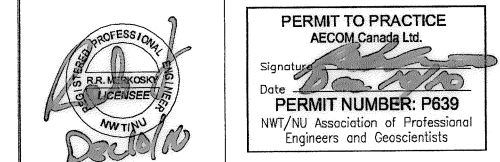
SECTION

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.

Legend:

No.	DATE	REVISION	REVISION	APPR.
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AECOM HATCH

SCALE - ECHELLE 1 0.5 0 1 2 3m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER STRUCTURAL DATE 2010-12-07

SUBJECT - SUJET

SWITCHING CENTRE AND  
COMMUNICATION BUILDING  
PLAN AND SECTION

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-216

Canada



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:

No.	DATE	REVISION	REVISION	APPR.



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

AECOM

HATCH

SCALE - ECHELLE 2 1 0 2 4 6m

PROJECT - PROJET  
DYE-M CAPE DYER

DEW LINE CLEAN UP

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TRADE - METIER  
STRUCTURAL

DATE  
2010-12-07

SUBJECT - SUJET

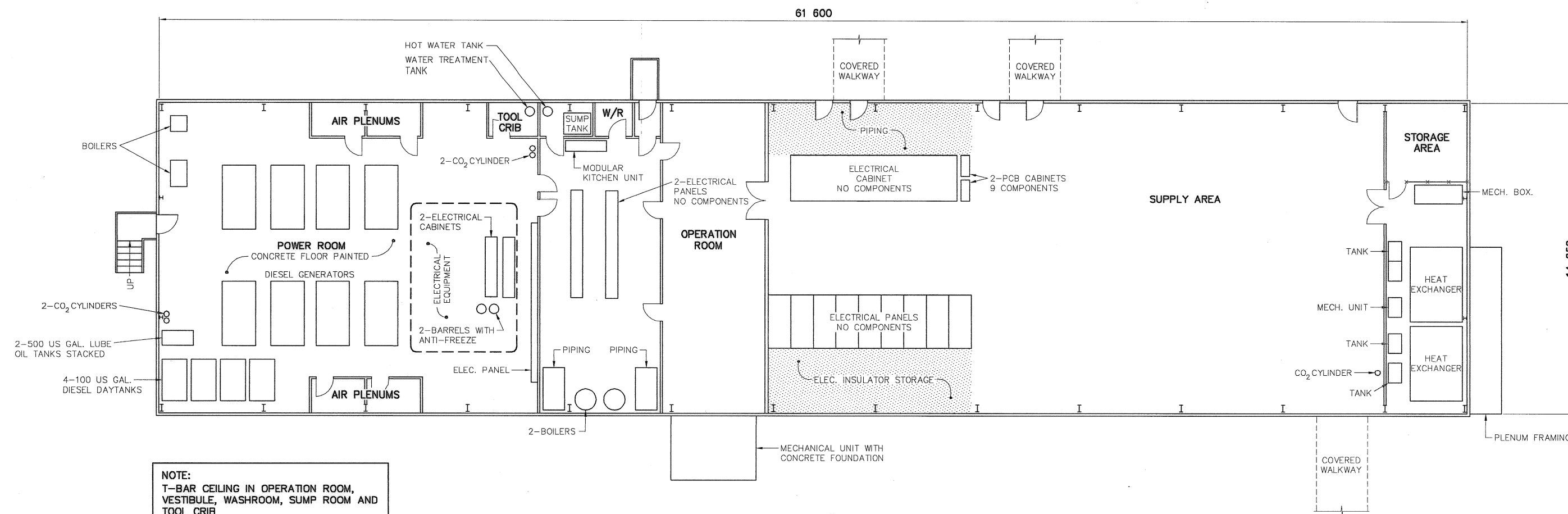
POWER AND EQUIPMENT BUILDING  
PLAN AND SECTION

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

DWG. NO. - DESSIN NO.  
H-C75/3-9101-217

Canada

NOTE:  
DOORS ARE METAL UNLESS  
NOTED OTHERWISE.

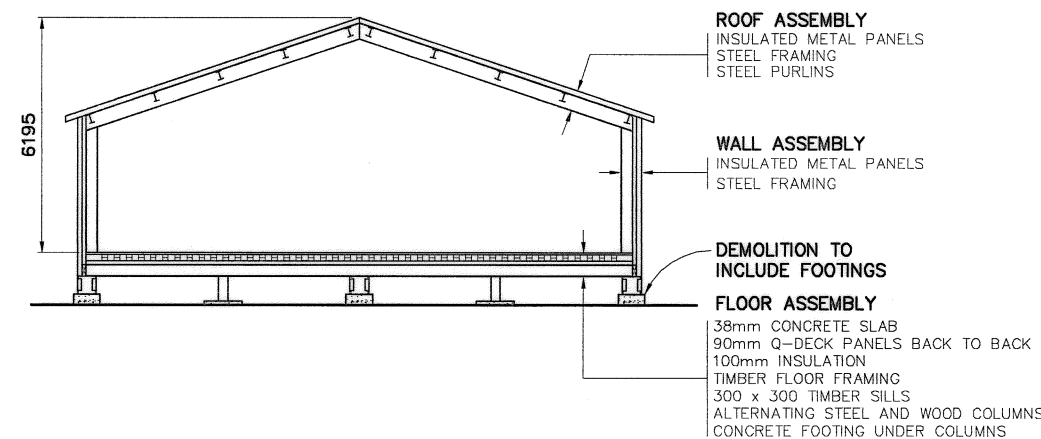


PLAN

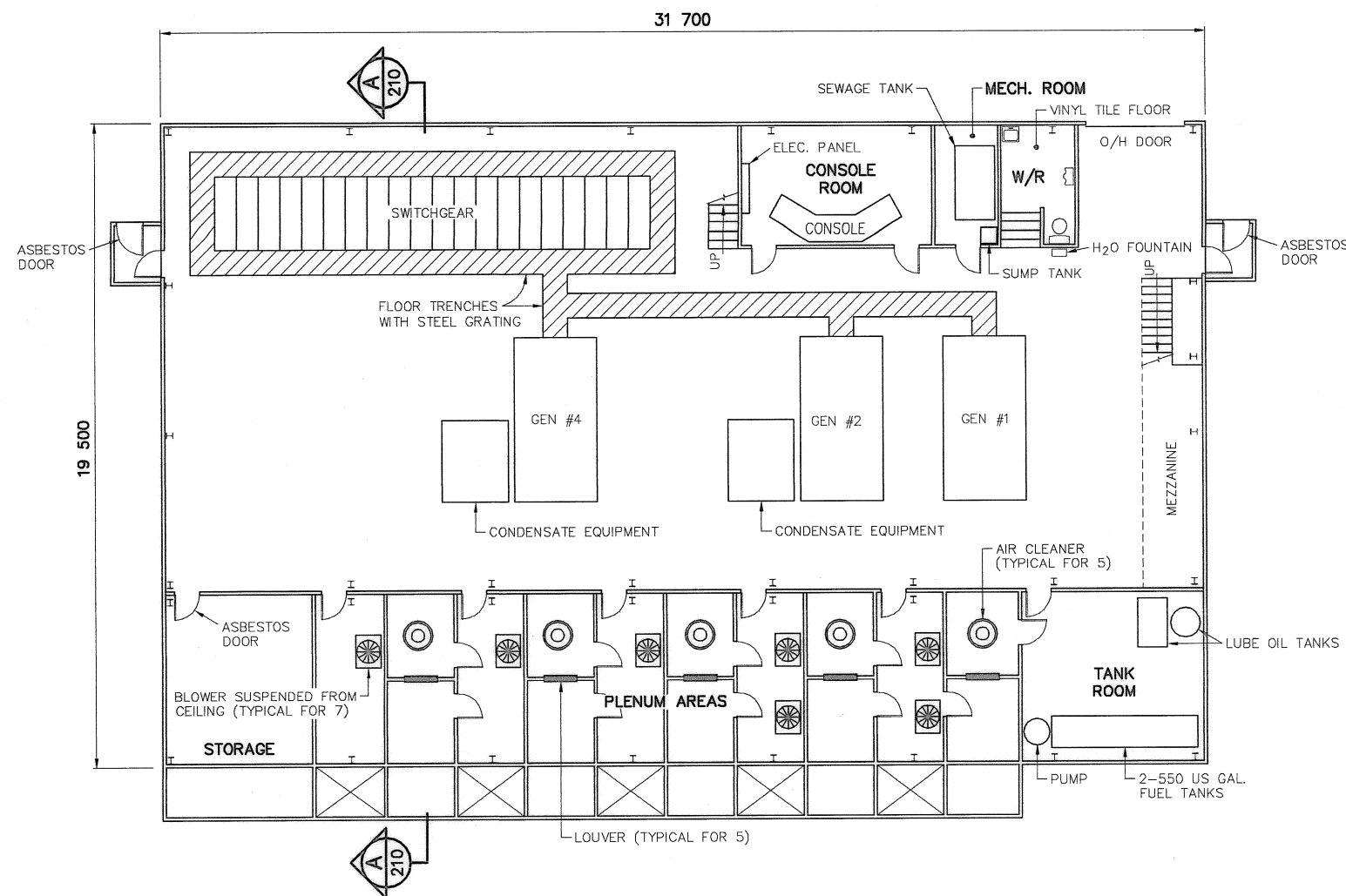
NWSO NUMBER	COMMENTS
B25A	AS SHOWN. ASBESTOS DOORS REMOVAL REQUIRED.

NOTE:  
MASS CONCRETE FOUNDATIONS  
UNDER GENERATORS.

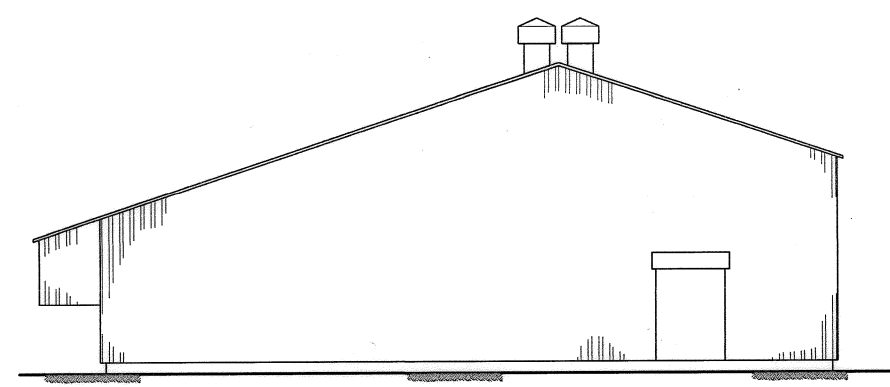
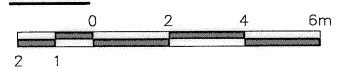
NOTE:  
CONCRETE FOOTINGS TO BE  
DEMOLISHED.



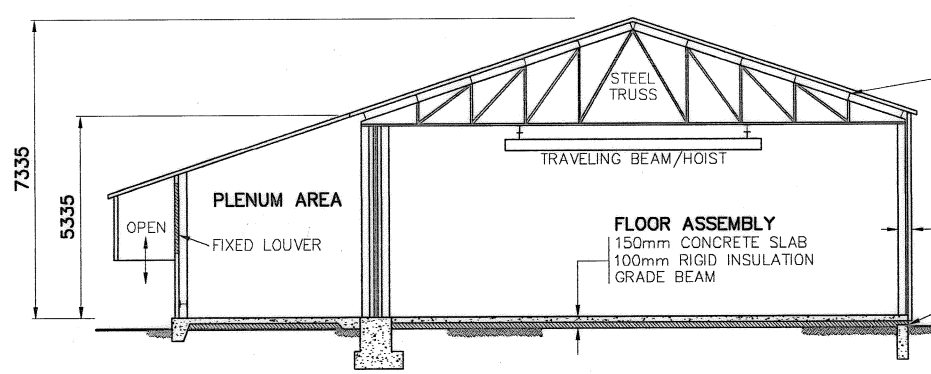
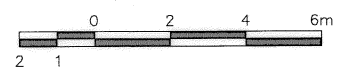
SECTION



PLAN

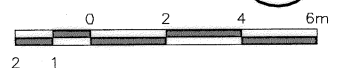


ELEVATION



SECTION

A  
210



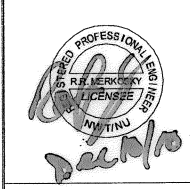
NWSO NUMBER	COMMENTS
B3B	ASBESTOS DOORS REMOVAL REQUIRED.

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:

No.	DATE	REVISION	REVISION	APPR.
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PERMIT TO PRACTICE  
AECOM Canada Ltd.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P639  
NWT/NJ Association of Professional Engineers and Geoscientists

AECOM

HATCH

SCALE - ECHELLE

AS SHOWN

PROJECT - PROJET

DYE-M CAPE DYER

DEW LINE CLEAN UP

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MINISTER OF NATIONAL DEFENCE.

TRADE - METIER STRUCTURAL

DATE 2010-12-07

SUBJECT - SUJET

POWERHOUSE  
PLAN, SECTIONS AND ELEVATION

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ETUDIE DTM/THE	DES OFF AGENT CONCEPT
DRAWN DESSINE IC/CAE	SECT HD CHEF SECT
CHECKED VERIFIE BVF	DES MGR GEST CONCEPT
COORDINATION RRM	REVIEWED - REVU

DWG. NO. - DESSIN NO.  
H-C75/3-9101-218

Canada

# PHOTOGRAPHIC LOG



**Site Name:**  
DYE-M, Cape Dyer

**Site Location:**  
Nunavut

**Project No.**  
60153669

**Photo No.**  
1

**Date:**  
2010

**Direction Photo Taken:**

**Description:**

View of Beach Area including Temporary Storage Area and Debris Area 4.



**Photo No.**  
2

**Date:**  
2010

**Direction Photo Taken:**

**Description:**

View of Lower Site Station Area and Debris Area 5.





# PHOTOGRAPHIC LOG



**Site Name:**  
DYE-M, Cape Dyer

**Site Location:**  
Nunavut

**Project No.**  
60153669

**Photo No.**  
3

**Date:**  
2010

**Direction Photo Taken:**

## Description:

Garage and Heated  
Vehicle Storage Area  
Contaminated Soil  
Areas



**Photo No.**  
4

**Date:**  
2010

**Direction Photo Taken:**

## Description:

Contaminated Soil Area  
near Garage





# PHOTOGRAPHIC LOG



**Site Name:**  
DYE-M, Cape Dyer

**Site Location:**  
Nunavut

**Project No.**  
60153669

**Photo No.**  
5

**Date:**  
2010

**Direction Photo Taken:**

**Description:**  
Overview of DEW Drop Area Containing Several Contaminated Soil Areas



**Photo No.**  
6

**Date:**  
2010

**Direction Photo Taken:**

**Description:**  
Lower Site Non-Hazardous Waste Landfill Looking North from West Berm





# PHOTOGRAPHIC LOG

Site Name: DYE-M, Cape Dyer	Site Location: Nunavut	Project No. 60153669
--------------------------------	---------------------------	-------------------------

Photo No. 7	Date: 2010	
Direction Photo Taken:		
Description:  Lower Site Tier II Disposal Facility		

Photo No. 8	Date: 2010	
Direction Photo Taken:		
Description: Looking South over Landfarm.		



# PHOTOGRAPHIC LOG



Site Name: DYE-M, Cape Dyer		Site Location: Nunavut	Project No. 60153669
Photo No. 9	Date: 2010		
Direction Photo Taken:			
Description: Upper Site Non-Hazardous Waste Landfill Looking Southwest from Northeast Corner.			
Photo No. 10	Date: 2010		
Direction Photo Taken:			
Description: Upper Site Tier II Disposal Facility View of Access Ramp			



# PHOTOGRAPHIC LOG



**Site Name:**  
DYE-M, Cape Dyer

**Site Location:**  
Nunavut

**Project No.**  
60153669

**Photo No.**  
11

**Date:**  
2010

**Direction Photo Taken:**

**Description:**  
Temporary Storage Area, Beach Site



**Photo No.**  
12

**Date:**  
2010

**Direction Photo Taken:**

**Description:**

Lower Site, PCB Storage Area

