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REAL PROPERTY SERVICES
Western Region

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REMEDIATION PROJECT

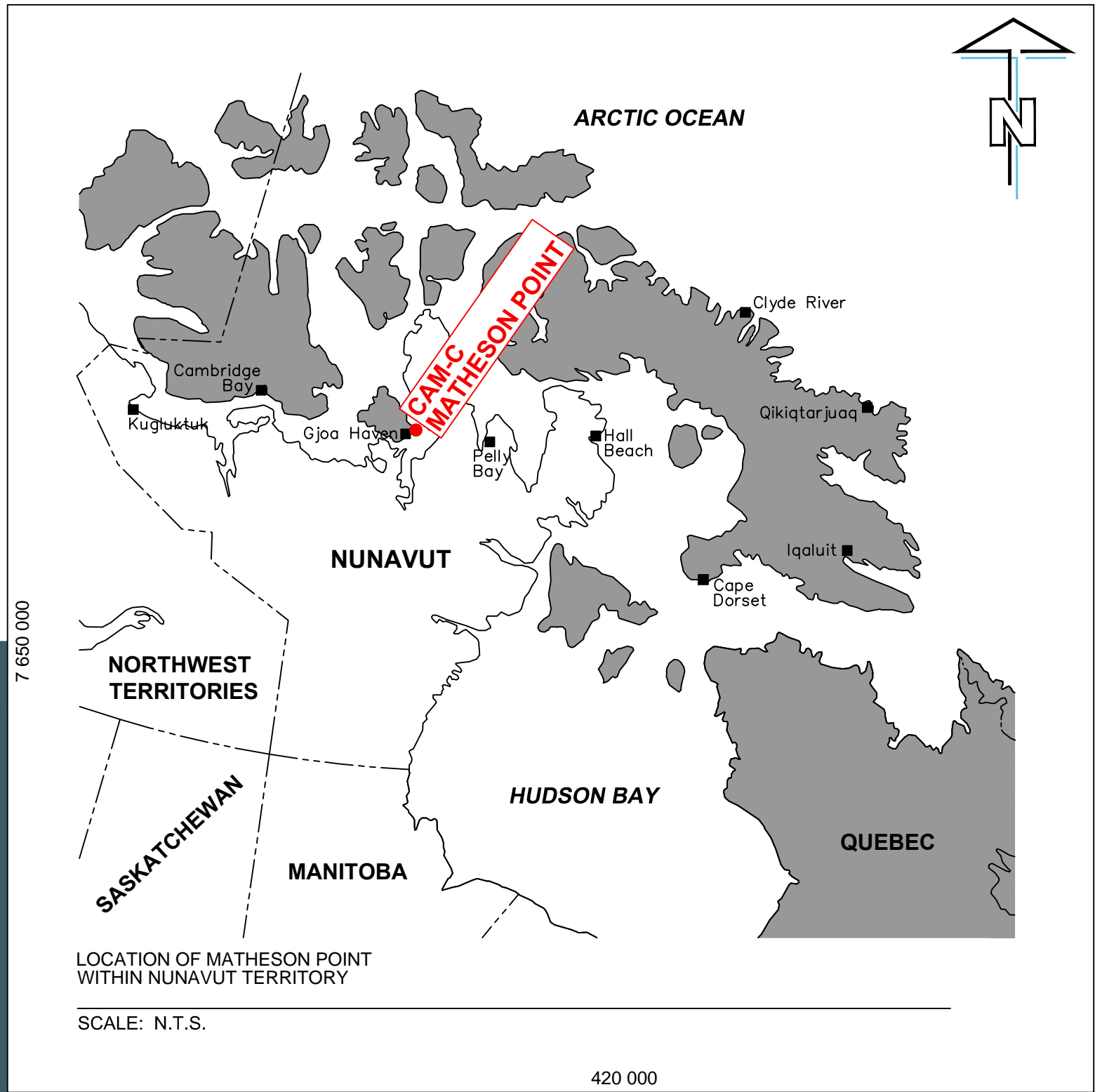
DRAWING INDEX			
SHEET NO.	TITLE	SHEET NO.	TITLE
CIVIL		STRUCTURAL	
R.064062-C00	COVER SHEET	R.064062-S01	STATION POL – DEMOLITION SITE PLAN
R.064062-C01	SITE LOCATION PLAN	R.064062-S02	BEACH POL – DEMOLITION SITE PLAN
R.064062-C02	SITE PLAN AND PROJECT LAYOUT	R.064062-S03	WAREHOUSE AND GARAGE – PLAN, ELEVATION, AND SECTION
R.064062-C03	DEBRIS AREA 10, CONTAMINATED SOIL AREA – SITE PLAN		
R.064062-C04	STATION POL – SITE PLAN – SHEET 1 OF 2		
R.064062-C05	STATION POL – SITE PLAN – SHEET 2 OF 2		
R.064062-C06	STATION WEST LANDFILL – SITE PLAN		
R.064062-C07	AIRSTrip LANDFILL – SITE PLAN		
R.064062-C08	BEACH POL – SITE PLAN		
R.064062-C09	STATION WEST LANDFILL – CROSS SECTION		
R.064062-C10	AIRSTrip LANDFILL CHANNEL – CROSS SECTION		



CAM-C, MATHESON POINT, NU
ISSUED FOR TENDER



NOVEMBER 23, 2016



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Revision/ Revision	Description/Description	Date/Date

Client/client

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA

Project title/Titre du projet

CAM-C MATHESON POINT
REMEDIATION PROJECT

Approved by/Approuvé par

B. FEDORAK

Designed by/Concepté par

K. SCOTT

Drawn by/Dessiné par

J. KNOTT

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J. HOYT

PWSSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client

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Drawing title/Titre du dessin

SITE LOCATION PLAN

Project No./No. du projet

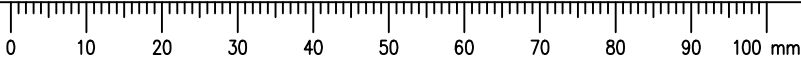
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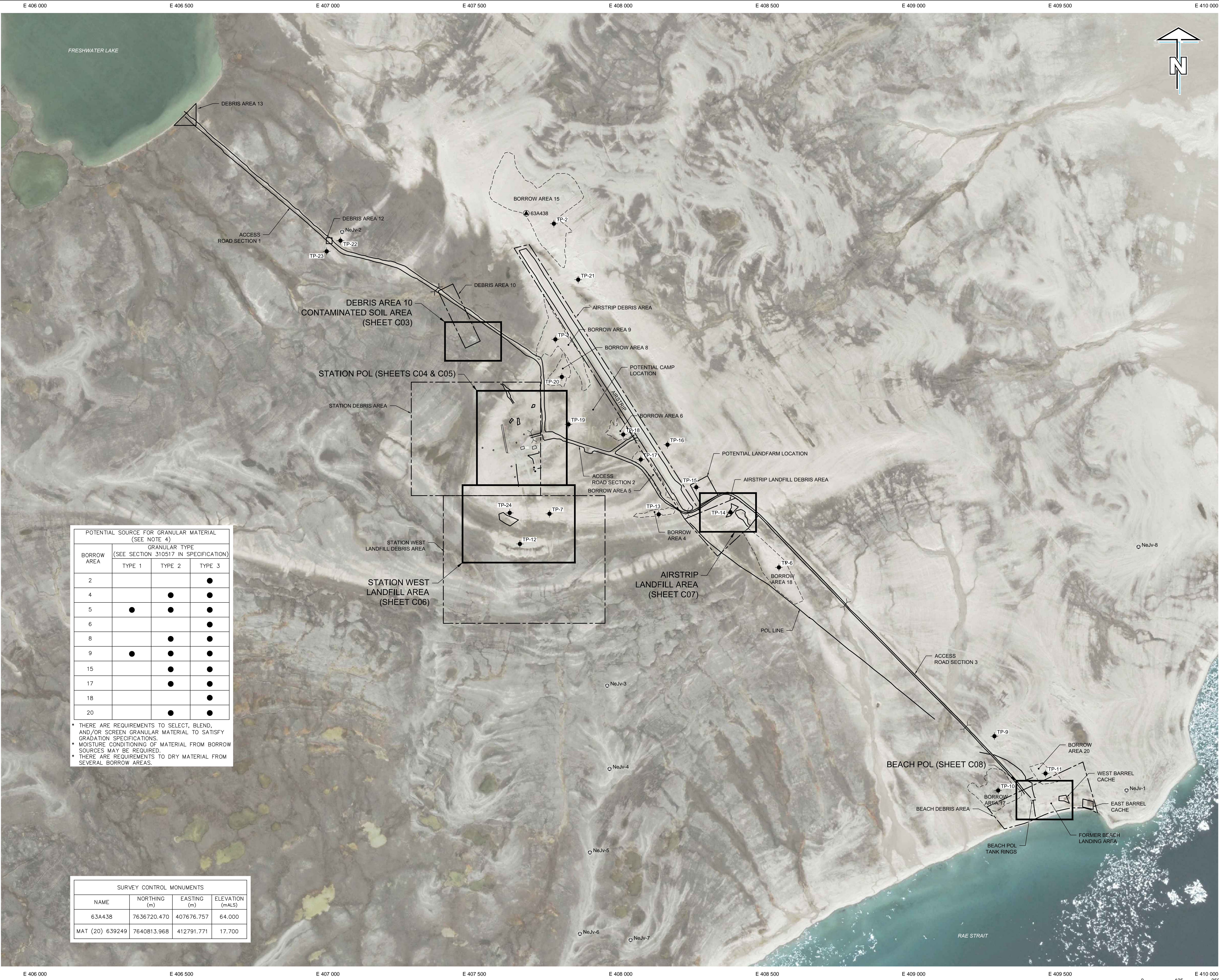
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C01
OF 10

Revision no./
La Révision no.

E





POTENTIAL SOURCE FOR GRANULAR MATERIAL (SEE NOTE 4)			
BORROW AREA	GRANULAR TYPE (SEE SECTION 310517 IN SPECIFICATION)		
	TYPE 1	TYPE 2	TYPE 3
2			●
4		●	●
5	●	●	●
6			●
8		●	●
9	●	●	●
15		●	●
17		●	●
18			●
20		●	●

* THERE ARE REQUIREMENTS TO SELECT, BLEND, AND/OR SCREEN GRANULAR MATERIAL TO SATISFY GRADATION SPECIFICATIONS.
* MOISTURE CONDITIONING OF MATERIAL FROM BORROW SOURCES MAY BE REQUIRED.
* THERE ARE REQUIREMENTS TO DRY MATERIAL FROM SEVERAL BORROW AREAS.

SURVEY CONTROL MONUMENTS			
NAME	NORTHING (m)	EASTING (m)	ELEVATION (mALS)
63A438	7636720.470	407676.757	64.000
MAT (20) 639249	7640813.968	412791.771	17.700

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2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. CULVERTS TO BE REMOVED AND CULVERT AREA TO BE GRADED TO DRAIN PRIOR TO PROJECT COMPLETION.
4. BORROW AREAS ARE IDENTIFIED. OTHER BORROW AREAS EXIST AND CAN BE CONSIDERED FOR USE IF REQUIRED.
5. REFER TO APPENDICES IN SPECIFICATION FOR DESCRIPTION OF DEBRIS AREAS.

LEGEND:

- APPROXIMATE EXTENT OF BORROW AREA
- DEBRIS AREA
- EXISTING CULVERT
- ⊙ ARCHAEOLOGICAL SITE
- ▲ SURVEY CONTROL POINT
- ◆ GEOTECHNICAL TEST PIT

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SITE PLAN
AND
PROJECT LAYOUT

Project No./No. du projet

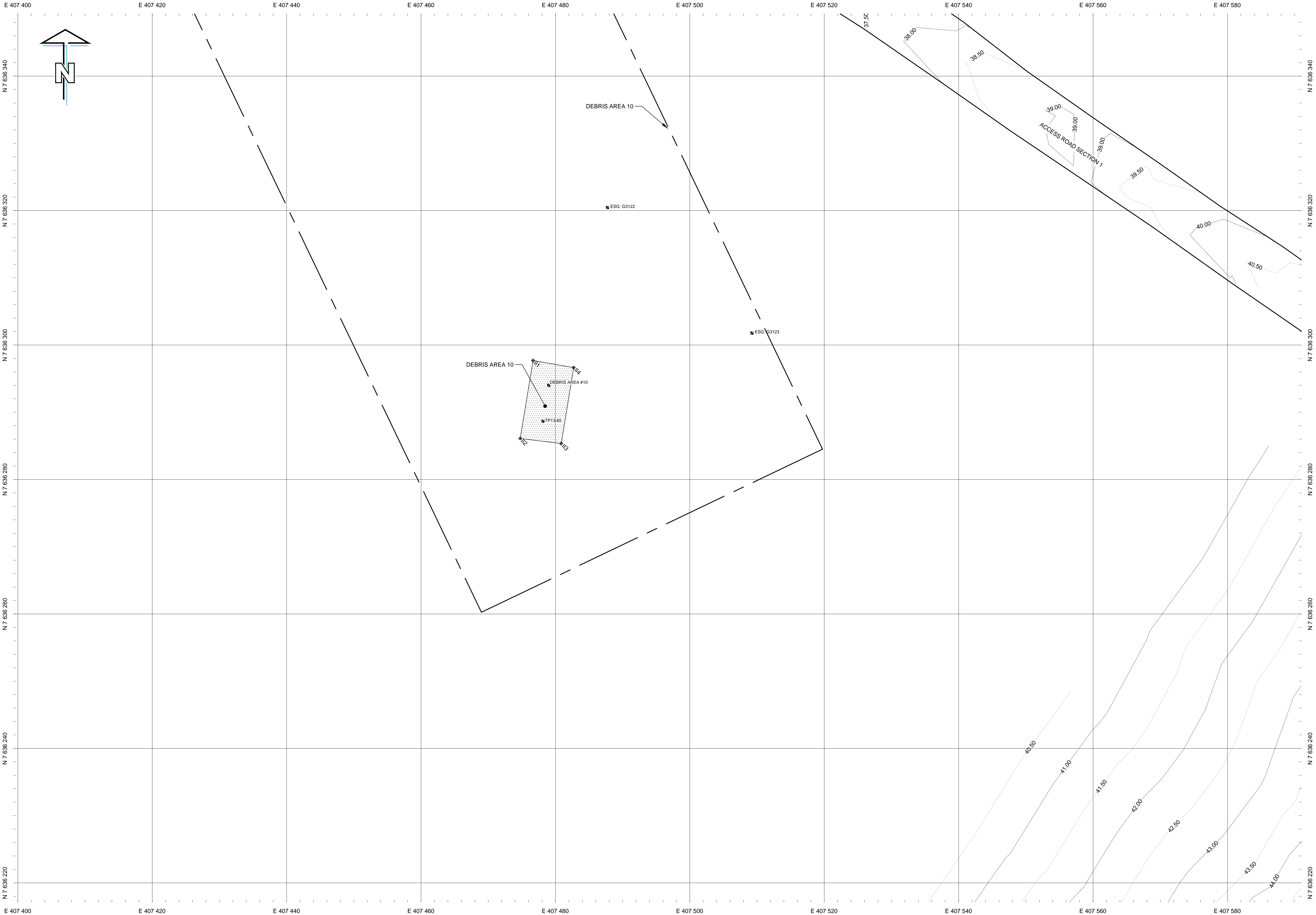
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C02
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E



CONTAMINATED SOIL TO BE EXCAVATED						REFERENCE POINTS	
AREA NAME	APPROX. AREA (m²)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m³)	CONTAINMENT CLASSIFICATION	COMMENTS	NORTHING	EASTING
DEBRIS AREA 10	71	0.3	22	TIER I	OFF SITE DISPOSAL	7 636 291.4	407 478.8

TIER I CONTAMINATED SOIL EXCAVATION		
DEBRIS AREA 10		
NO.	COORDINATES	
	NORTHING	EASTING
I11	7 636 297.7	407 476.7
I12	7 636 286.1	407 474.8
I13	7 636 285.3	407 480.9
I14	7 636 296.6	407 482.7

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- REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS

LEGEND:

- DEBRIS AREA
- [Pattern] TIER I CONTAMINATED SOIL

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DEBRIS AREA 10
CONTAMINATED SOIL AREA
SITE PLAN

Project No./No. du projet

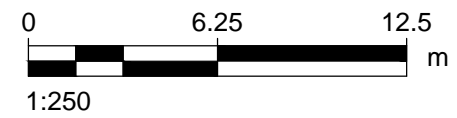
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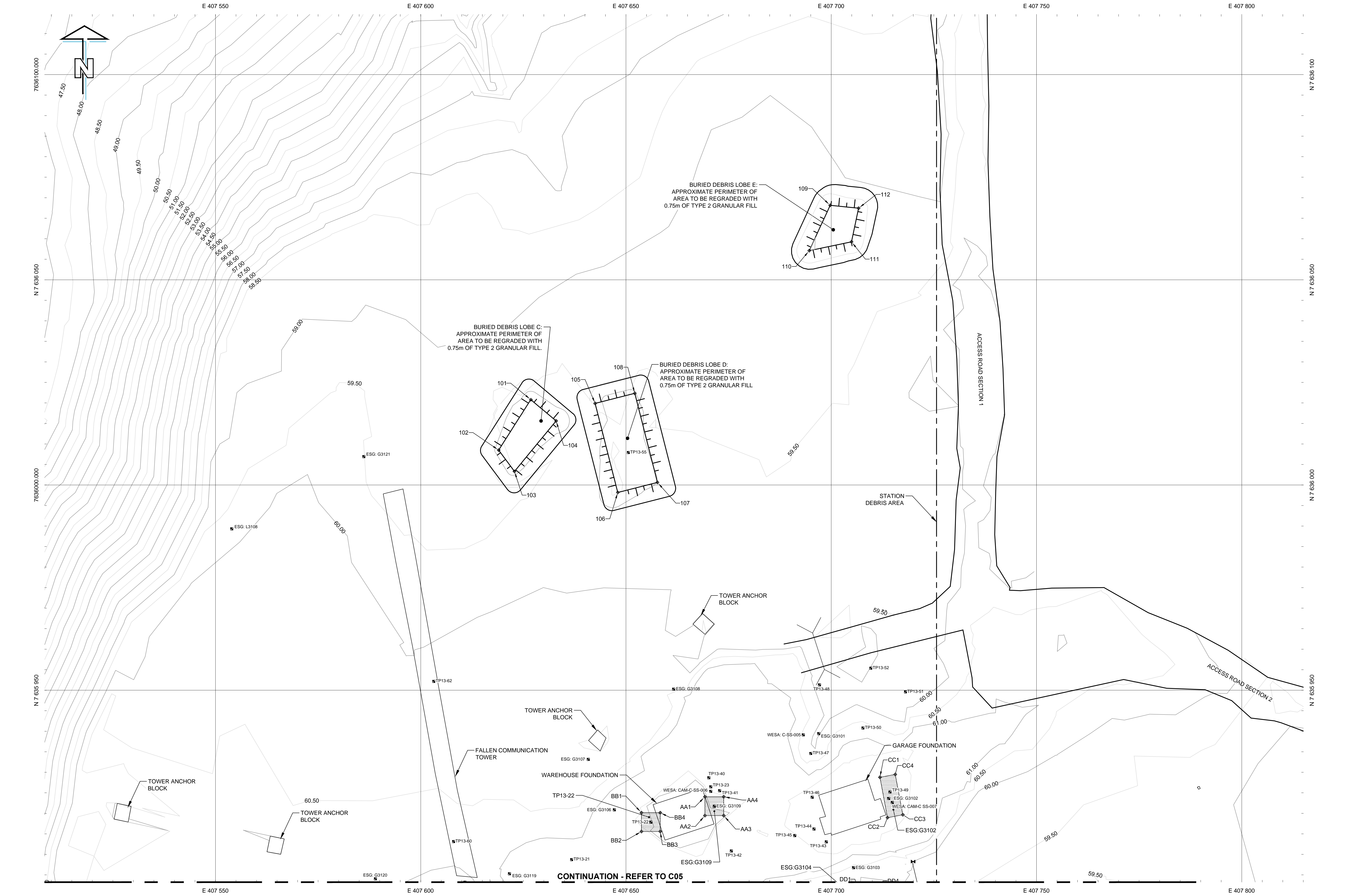
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C03
OF 10

Revision no./
La Révision no.

E





BURIED DEBRIS LOBE C REGRADE		
NO.	COORDINATES	
	NORTHING	EASTING
101	7 636 020.8	407 626.8
102	7 636 008.5	407 619.0
103	7 636 003.3	407 622.8
104	7 636 015.6	407 633.0

BURIED DEBRIS LOBE E REGRADE		
NO.	COORDINATES	
	NORTHING	EASTING
109	7 636 068.2	407 689.7
110	7 636 067.1	407 694.6
111	7 636 059.3	407 704.9
112	7 636 067.5	407 706.7

TIER I CONTAMINATED SOIL EXCAVATION ESG-G3109		
NO.	COORDINATES	
	NORTHING	EASTING
AA1	7 635 924.0	407 689.2
AA2	7 635 919.5	407 689.2
AA3	7 635 919.5	407 673.8
AA4	7 635 924.0	407 673.8

TIER I CONTAMINATED SOIL EXCAVATION TP13-22		
NO.	COORDINATES	
	NORTHING	EASTING
BB1	7 635 920.2	407 653.8
BB2	7 635 915.6	407 653.8
BB3	7 635 915.6	407 658.4
BB4	7 635 920.2	407 658.4

TIER I CONTAMINATED SOIL EXCAVATION ESG-G102		
NO.	COORDINATES	
	NORTHING	EASTING
CC1	7 635 928.8	407 711.9
CC2	7 635 919.0	407 713.7
CC3	7 635 919.7	407 717.4
CC4	7 635 929.5	407 715.6

TIER I CONTAMINATED SOIL EXCAVATION ESG-G3104		
NO.	COORDINATES	
	NORTHING	EASTING
DD1	7 635 900.3	407 707.0
DD2	7 635 895.7	407 707.0
DD3	7 635 895.7	407 711.6
DD4	7 635 900.3	407 711.6

BURIED DEBRIS LOBE D REGRADE		
NO.	COORDINATES	
	NORTHING	EASTING
105	7 636 019.9	407 642.5
106	7 635 998.2	407 648.0
107	7 636 000.6	407 657.7
108	7 636 022.3	407 652.1

CONTAMINATED SOIL TO BE EXCAVATED							
AREA NAME	APPROX. AREA (m ²)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m ³)	CONTAINMENT CLASSIFICATION	COMMENTS	SAMPLE POINTS	
						NORTHING	EASTING
ESG-G3109	21	0.3	8	TIER I	OFF SITE DISPOSAL	7 635 921.7	407 671.5
TP13-22	21	0.8	23	TIER I	OFF SITE DISPOSAL	7 635 917.9	407 656.1
ESG-G3102	38	0.3	14	TIER I	OFF SITE DISPOSAL	7 635 924.2	407 714.7

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- REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS.
- REGRADED SIDE SLOPES 6H:1V UNLESS NOTED OTHERWISE.

LEGEND:

- APPROXIMATE EXTENT OF BORROW AREA
- DEBRIS AREA
- EXISTING CULVERT
- SAMPLE LOCATION
- TIER I CONTAMINATED SOIL
- TIER II CONTAMINATED SOIL
- TYPE B PHC CONTAMINATED SOIL

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Project title / Titre du projet

CAM-C MATHESON POINT
REMEDATION PROJECT

Approved by / Approuvé par
B. FEDORAK

Designed by / Concept par
K. SCOTT

Drawn by / Dessiné par
J. KNOTT

PWSSC Project Manager / Administrateur de Projets TPSGC
J. HOYT

PWSSC: Architectural and Engineering Resources / Ressources Architectural et de Directeur d'Ingénierie, TPSGC

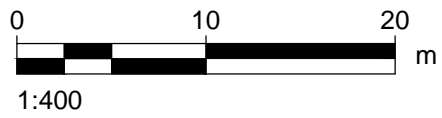
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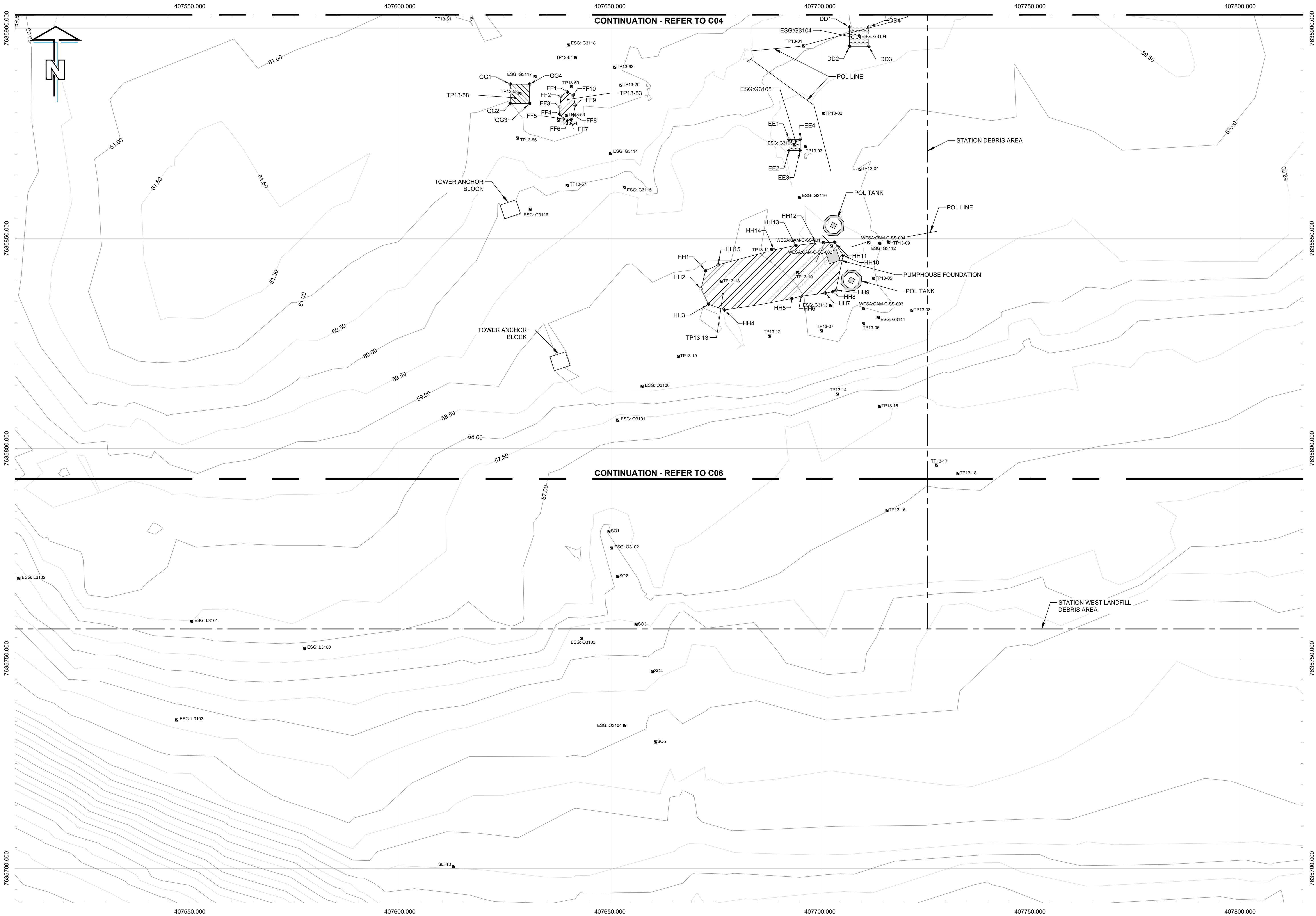
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STATION POL
SITE PLAN
SHEET 1 OF 2

Project No./No. du projet R.064062	Sheet/Feuille C04 OF 10	Revision no./ La Révision no. E
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TIER I CONTAMINATED SOIL EXCAVATION ESG-G3104		
COORDINATES		
NO.	NORTHING	EASTING
DD1	7 635 900.3	407 707.0
DD2	7 635 895.7	407 707.0
DD3	7 635 895.7	407 711.6
DD4	7 635 900.3	407 711.6

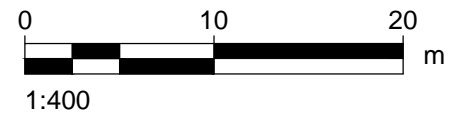
TIER I CONTAMINATED SOIL EXCAVATION ESG-G3105		
COORDINATES		
NO.	NORTHING	EASTING
EE1	7 635 873.5	407 692.6
EE2	7 635 870.9	407 692.6
EE3	7 635 870.9	407 695.3
EE4	7 635 873.5	407 695.3

TYPE B PHC CONTAMINATED SOIL EXCAVATION TP13-53		
COORDINATES		
NO.	NORTHING	EASTING
FF1	7 635 884.9	407 639.9
FF2	7 635 883.8	407 638.4
FF3	7 635 881.2	407 638.1
FF4	7 635 879.6	407 638.0
FF5	7 635 878.4	407 638.9
FF6	7 635 877.9	407 639.9
FF7	7 635 878.3	407 640.8
FF8	7 635 879.3	407 641.3
FF9	7 635 881.7	407 641.7
FF10	7 635 884.0	407 641.3

TIER II CONTAMINATED SOIL EXCAVATION TP13-59		
COORDINATES		
NO.	NORTHING	EASTING
GG1	7 635 886.7	407 636.3
GG2	7 635 882.1	407 636.3
GG3	7 635 882.1	407 630.9
GG4	7 635 886.7	407 630.9

TYPE B PHC CONTAMINATED SOIL EXCAVATION TP13-13		
COORDINATES		
NO.	NORTHING	EASTING
HH1	7 635 842.3	407 672.8
HH2	7 635 837.9	407 671.7
HH3	7 635 834.3	407 673.5
HH4	7 635 832.9	407 677.3
HH5	7 635 835.6	407 693.3
HH6	7 635 836.2	407 695.5
HH7	7 635 836.9	407 701.3
HH8	7 635 837.3	407 701.3
HH9	7 635 837.7	407 703.8
HH10	7 635 845.9	407 705.5
HH11	7 635 849.0	407 703.5
HH12	7 635 848.9	407 699.0
HH13	7 635 848.3	407 694.2
HH14	7 635 847.2	407 689.0
HH15	7 635 843.7	407 675.8

CONTAMINATED SOIL TO BE EXCAVATED							
AREA NAME	APPROX. AREA (m ²)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m ³)	CONTAINMENT CLASSIFICATION	COMMENTS	SAMPLE POINTS	
						NORTHING	EASTING
ESG-G3104	21	0.3	8	TIER I	OFF SITE DISPOSAL	7 635 898.0	407 709.3
ESG-G3105	7	0.3	3	TIER I	OFF SITE DISPOSAL	7 635 872.2	407 694.0
TP13-53	20	0.5	12	TYPE B PHC	ON SITE TREATMENT	7 635 881.8	407 639.7
TP13-58	21	0.3	8	TIER II	OFF SITE DISPOSAL	7 635 884.4	407 628.6
TP13-13	375	1.0	417	TYPE B PHC	OFF SITE DISPOSAL	7 635 841.0	407 690.4



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LEGEND:

- APPROXIMATE EXTENT OF BORROW AREA
- - - DEBRIS AREA
- EXISTING CULVERT
- SAMPLE LOCATION
- TIER I CONTAMINATED SOIL
- TIER II CONTAMINATED SOIL
- TYPE B PHC CONTAMINATED SOIL

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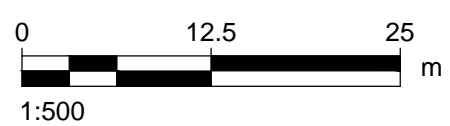
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STATION POL
SITE PLAN
SHEET 2 OF 2

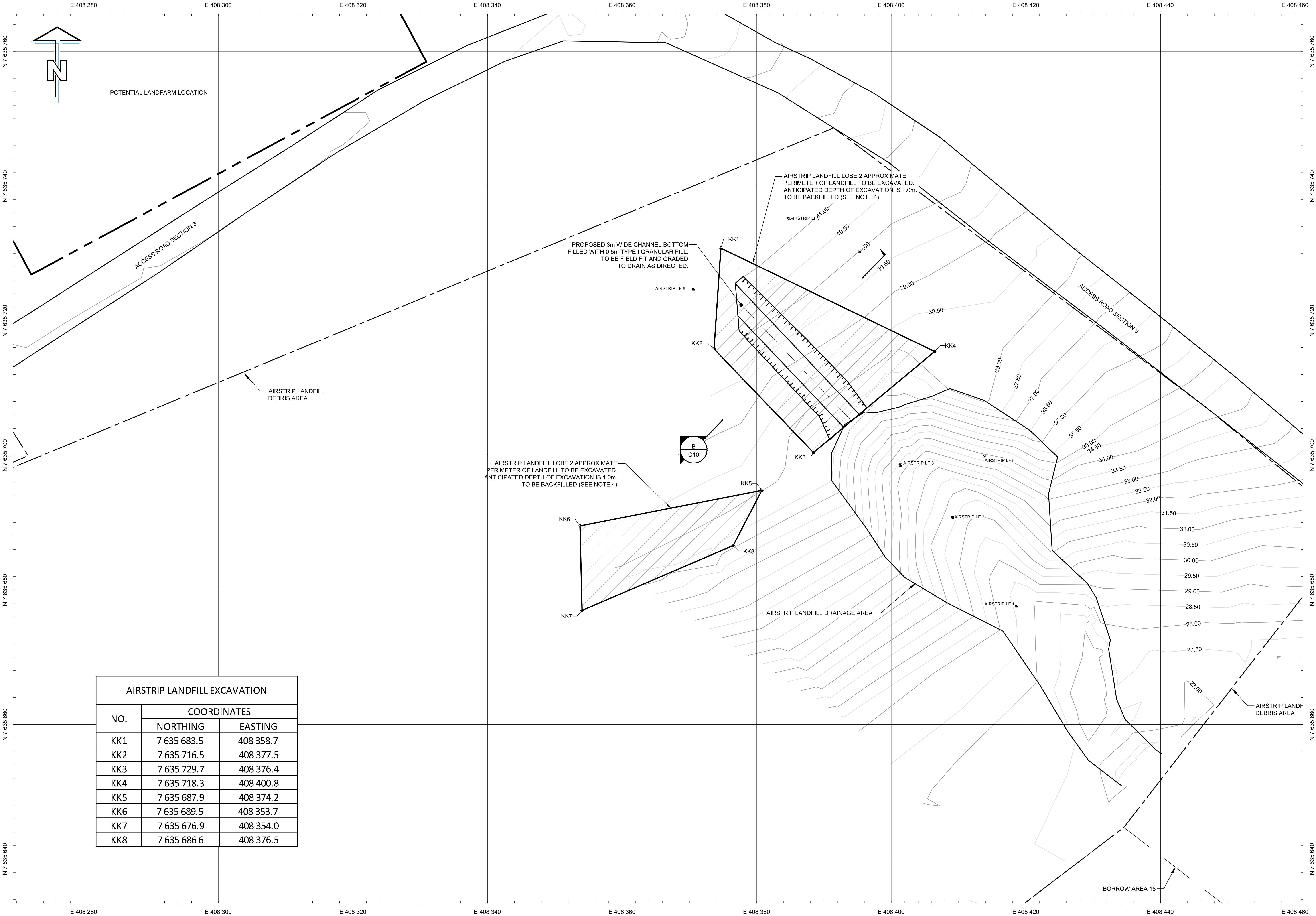
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R.064062

Sheet/Feuille
C05

Revision no./
La Révision no.
E



▲



AIRSTRIP LANDFILL EXCAVATION		
NO.	COORDINATES	
	NORTHING	EASTING
KK1	7 635 683.5	408 358.7
KK2	7 635 716.5	408 377.5
KK3	7 635 729.7	408 376.4
KK4	7 635 718.3	408 400.8
KK5	7 635 687.9	408 374.2
KK6	7 635 689.5	408 353.7
KK7	7 635 676.9	408 354.0
KK8	7 635 686.6	408 376.5

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- REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS.
- REPLACE CLEAN BURIED DEBRIS EXCAVATION SOILS FROM THE EXCAVATION OF THE AIRSTRIP LANDFILL AS BACKFILL CAP AREAS WITH 0.3m OF TYPE 3 GRANULAR FILL OVER THE CLEAN BACKFILL.
- DEPTH TO LANDFILL EXCAVATION TO EXTEND TO BASE OF DEBRIS. LIMIT AND DEPTH OF EXCAVATION TO BE VERIFIED BY EXCAVATION OF TEST PITS.

LEGEND:

- DEBRIS AREA
- LANDFILL AREA
- CROSS SECTION MARKER
- BURIED DEBRIS EXCAVATION

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CAM-C MATHESON POINT
REMEDATION PROJECT

Approved by/Approuvé par

B. FEDORAK

Designed by/Concept par

K. SCOTT

Drawn by/Dessiné par

J. KNOTT

PWSSC Project Manager/Administrateur de Projets TPSGC

J. HOYT

PWSSC Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin

AIRSTRIP LANDFILL
SITE PLAN

Project No./No. du projet

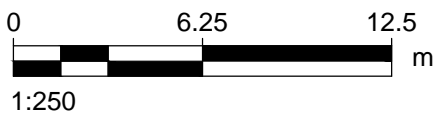
R.064062

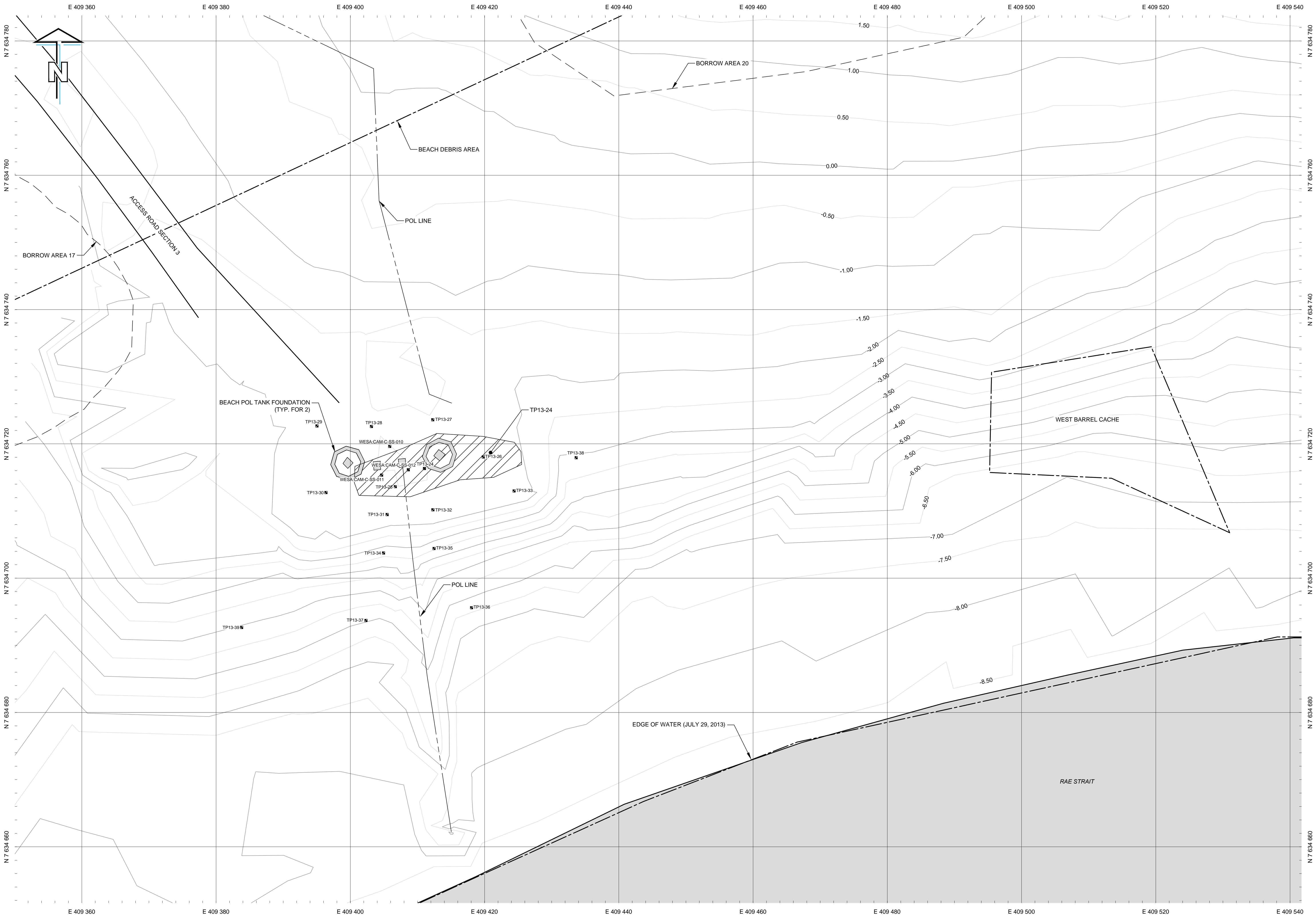
Sheet/Feuille

C07
OF 10

Revision no./
La Révision no.

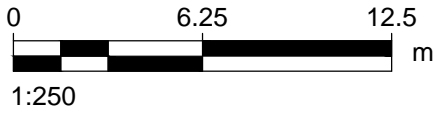
E





TYPE B PHC CONTAMINATED SOIL EXCAVATION TP13-53		
NO.	COORDINATES	
	NORTHING	EASTING
JJ1	7 634 716.7	409 400.7
JJ2	7 634 714.2	409 400.6
JJ3	7 634 712.3	409 401.3
JJ4	7 634 712.1	409 408.9
JJ5	7 634 714.7	409 416.4
JJ6	7 634 715.0	409 421.3
JJ7	7 634 716.9	409 425.5
JJ8	7 634 718.8	409 425.4
JJ9	7 634 720.2	409 424.4
JJ10	7 634 721.1	409 419.8
JJ11	7 634 721.6	409 412.9
JJ12	7 634 719.4	409 407.9

CONTAMINATED SOIL TO BE EXCAVATED							
AREA NAME	APPROX. AREA (m²)	ESTIMATED DEPTH OF CONTAMINA TION (m)	ESTIMATED VOLUME OF EXCAVATION (m³)	CONTAINMENT CLASSIFICATION	COMMENTS	REFERENCE POINTS	
						NORTHING	EASTING
TP13-24	155	1.2	115	TYPE B PHC	ON SITE TREATMENT	7 634 716.1	409 412.6



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- REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS.

LEGEND:

- APPROXIMATE EXTENT OF BORROW AREA
- - - DEBRIS AREA
- TYPE B CONTAMINATED SOIL

Professional / Séals / Sceaux

DO NOT SCALE DRAWINGS

E	ISSUED FOR TENDER	16/11/23
D	DRAFT REVISION	16/09/23
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GOVERNMENT SERVICES
CANADA**

Project title / Titre du projet

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Drawing title / Titre du dessin

**BEACH POL
SITE PLAN**

Project No./No. du projet

R.064062

Sheet / Feuille

C08
OF 10

Revision no. /
La Révision no.

E

GENERAL NOTES:

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Professional / Seals / Sceaux

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GOVERNMENT SERVICES
CANADA

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REMEDIATION PROJECT

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J. HOYT

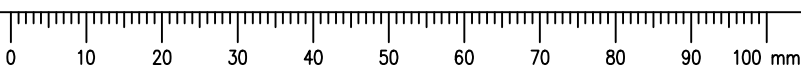
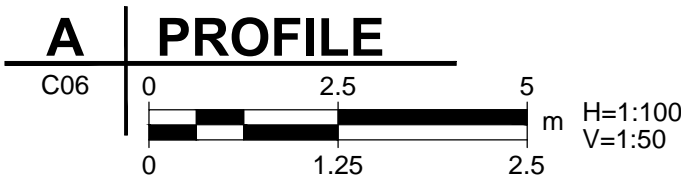
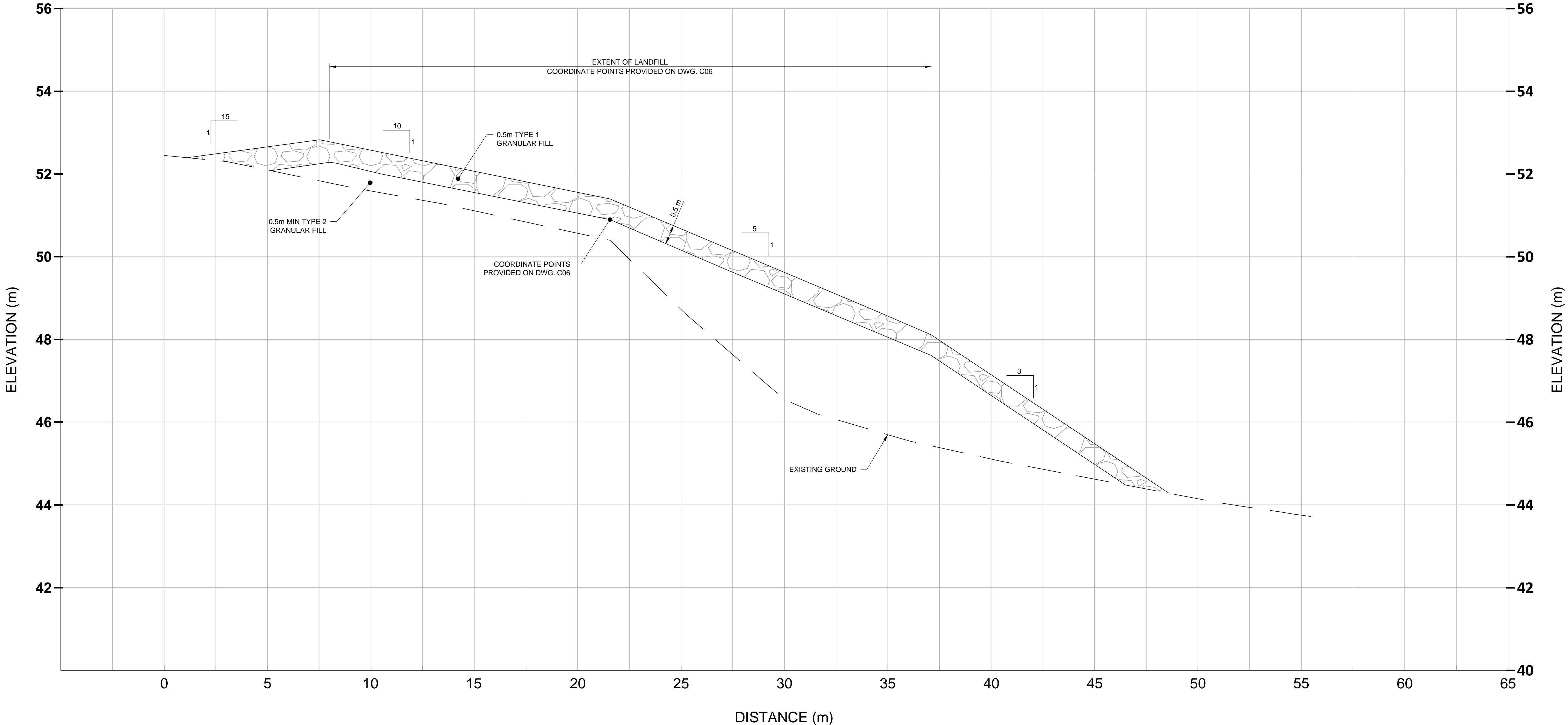
PWSSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

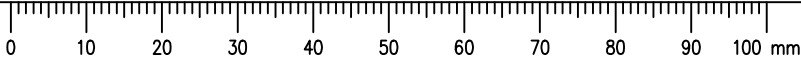
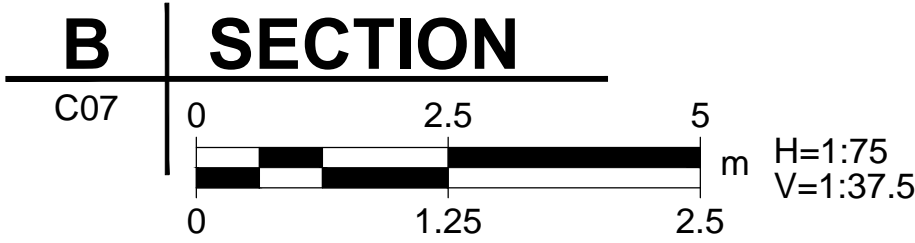
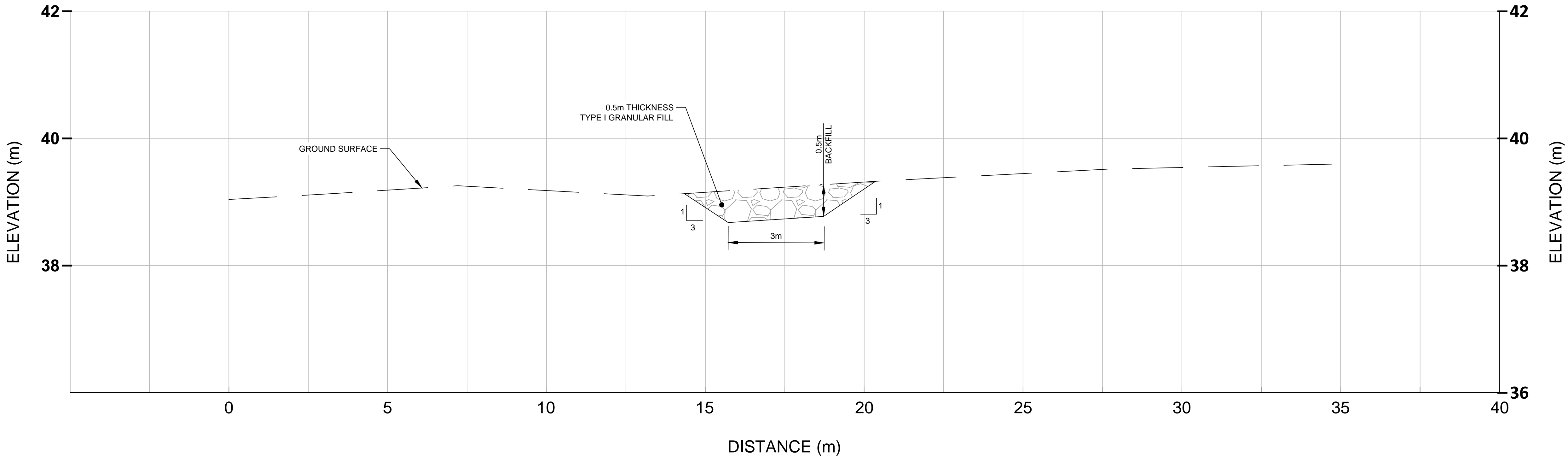
Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin

STATION WEST LANDFILL
CROSS SECTION

Project No./No. du projet R.064062	Sheet/Feuille C09 OF 10	Revision no./ La Révision no. E
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3. CHANNEL TO BE FIELD FIT AS DIRECTED DURING CONSTRUCTION.

Professional / Seals / Sceaux

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Revision/ Revision	Description/Description	Date/Date

Client/client

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

Project title/Titre du projet

**CAM-C MATHESON POINT
REMEDATION PROJECT**

Approved by/Approuvé par

B. FEDORAK

Designed by/Concept par

K. SCOTT

Drawn by/Dessiné par

J. KNOTT

PWGSC Project Manager/Administrateur de Projets TPSGC

J. HOYT

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin

**AIRSTrip LANDFILL CHANNEL
CROSS SECTION**

Project No./No. du projet

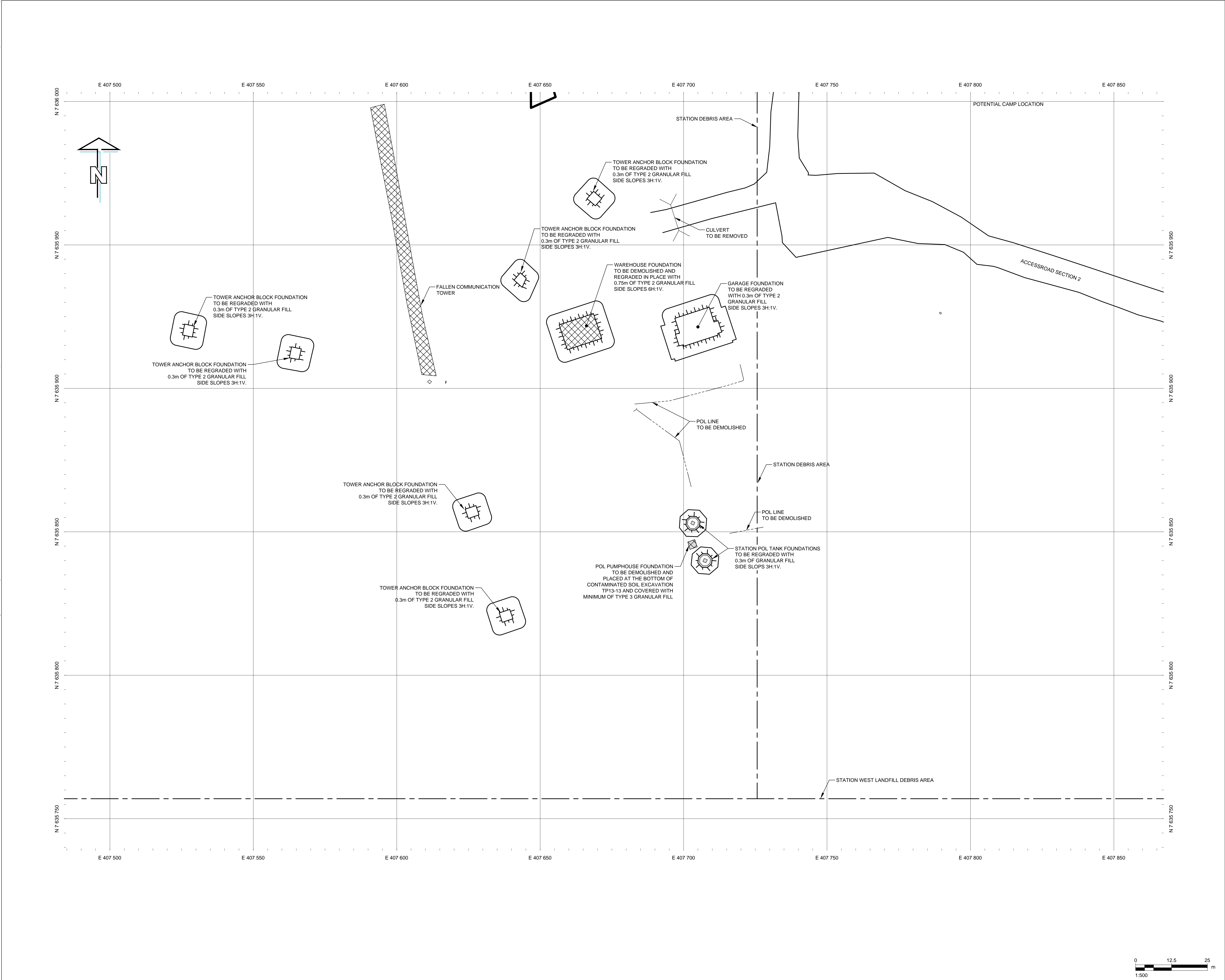
R.064062


Sheet/Feuille

C10
OF 10

Revision no./
La Révision no.

E






Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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

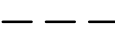
4. REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS.

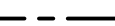
5. POL LINES TO BE DEMOLISHED TO INCLUDE ALL ASSOCIATED PIPE SUPPORTS, MARKERS, VALVES AND ANCILLARY EQUIPMENT.

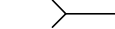
6. REFER TO SPECIFICATIONS DEMOLITION INVENTORY FOR DESCRIPTION OF MAJOR COMPONENTS.


7. CULVERTS TO BE REMOVED AND CULVERT AREA TO BE GRADED TO DRAIN PRIOR TO PROJECT COMPLETION.

LEGEND:

 APPROXIMATE EXTENT OF BORROW AREA

 DEBRIS AREA

 EXISTING CULVERT

 STRUCTURE TO BE DEMOLISHED

Professional / Seals / Sceaux

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Revision / Révision	Description / Description	Date / Date

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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Project title / Titre du projet

CAM-C MATHESON POINT
REMEDATION PROJECT

Approved by / Approuvé par
B. FEDORAK

Designed by / Concepté par
K. SCOTT

Drawn by / Dessiné par
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PWSSC Project Manager / Administrateur de Projets TPSGC
J. HOYT

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Client / client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title / Titre du dessin

STATION POL
DEMOLITION SITE PLAN

Project No. / No. du projet
R.064062

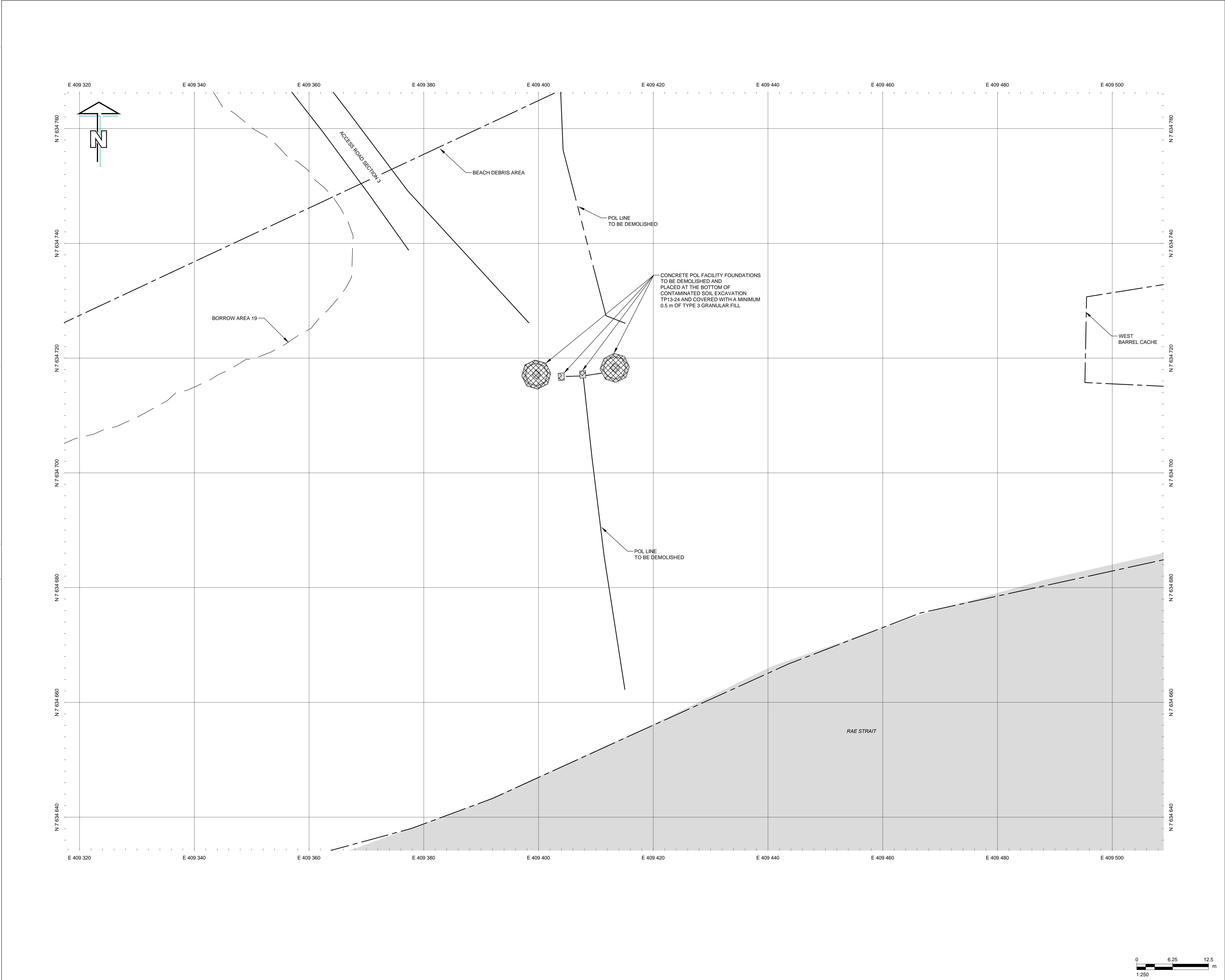
Sheet / Feuille
S01
OF 3


Revision no. / La Révision no.
E

0 12.5 25 m
1:500

0 10 20 30 40 50 60 70 80 90 100 mm

R.064062-S01





Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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4. REFER TO DWG. C02 FOR ENTIRE DEBRIS AREA LIMITS.

5. POL LINES TO BE DEMOLISHED TO INCLUDE ALL ASSOCIATED PIPE SUPPORTS, MARKERS, VALVES AND ANCILLARY EQUIPMENT.

6. REFER TO SPECIFICATIONS DEMOLITION INVENTORY FOR DESCRIPTION OF MAJOR COMPONENTS.

LEGEND:

--- APPROXIMATE EXTENT OF BORROW AREA

--- DEBRIS AREA

XXXXX STRUCTURE TO BE DEMOLISHED

Professional / Séals / Sceaux

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REMEDIATION PROJECT

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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title / Titre du dessin
BEACH POL
DEMOLITION SITE PLAN

Project No. / No. du projet
R.064062

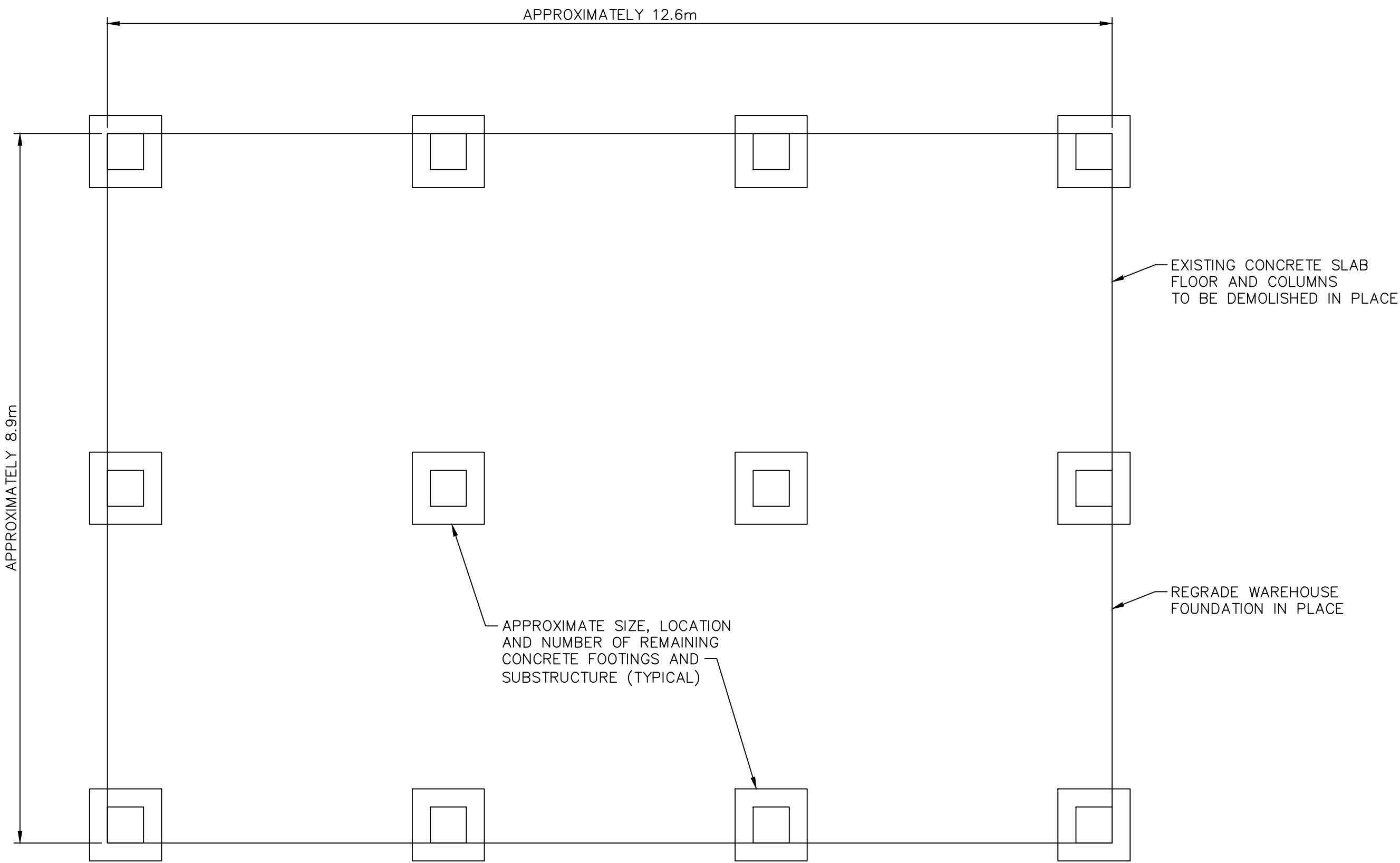
Sheet / Feuille
S02
OF 3

Revision no. / La Révision no.
E

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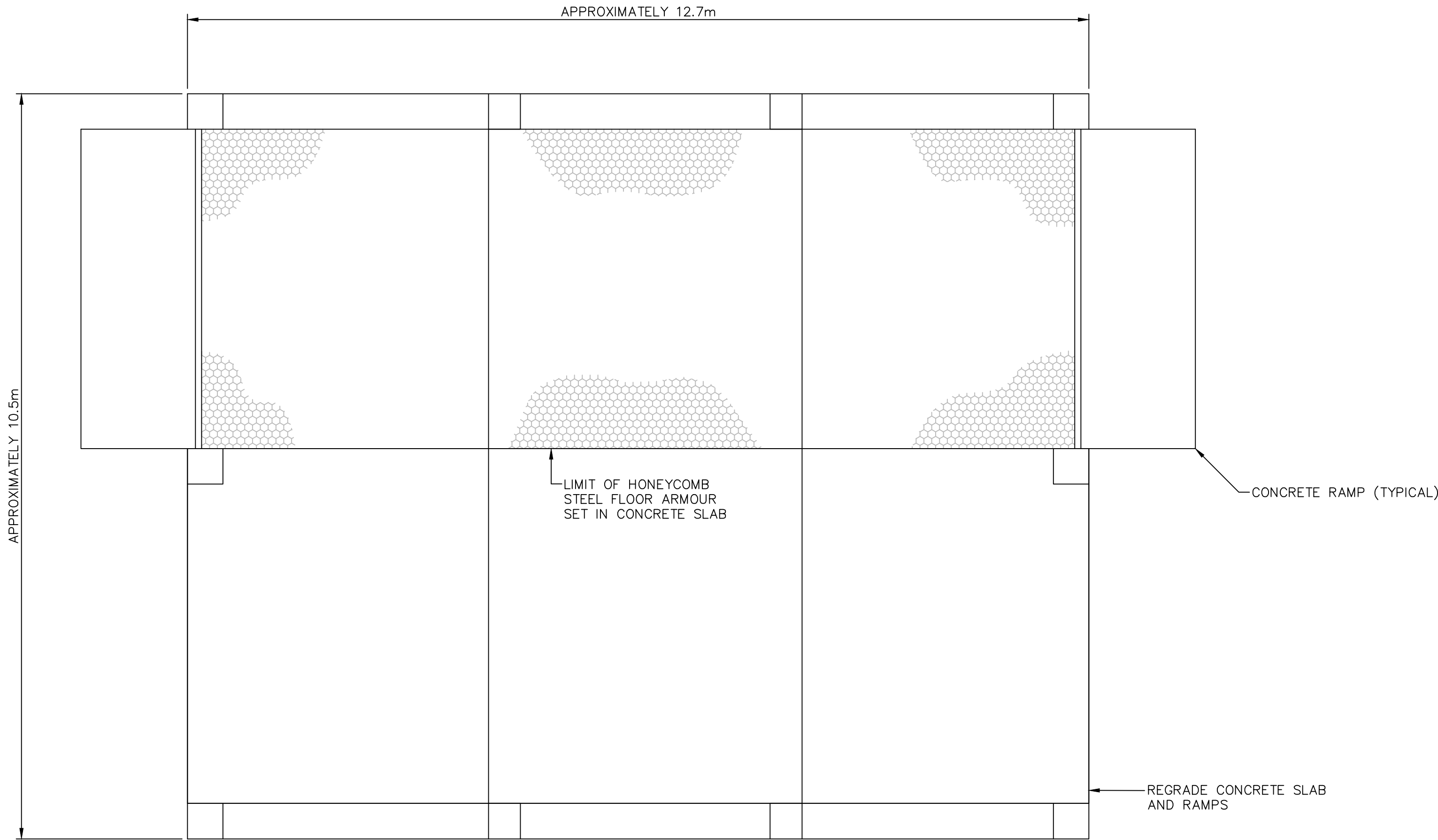
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R.064062-S02



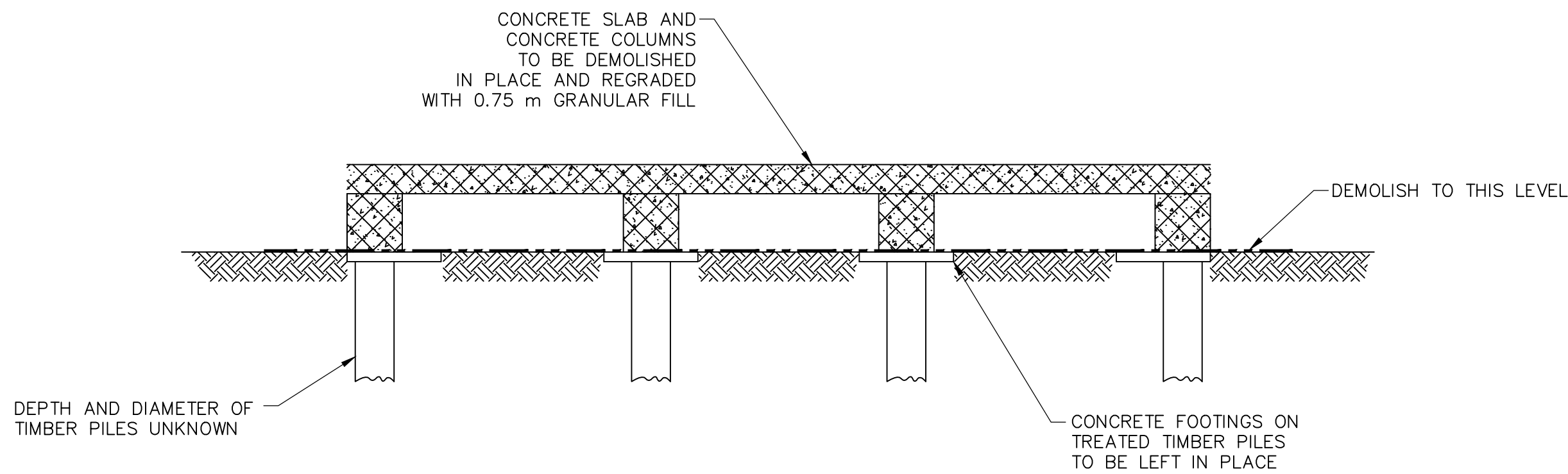
WAREHOUSE FOUNDATION PLAN

0 0.5 1 1.5 m SCALE 1:50



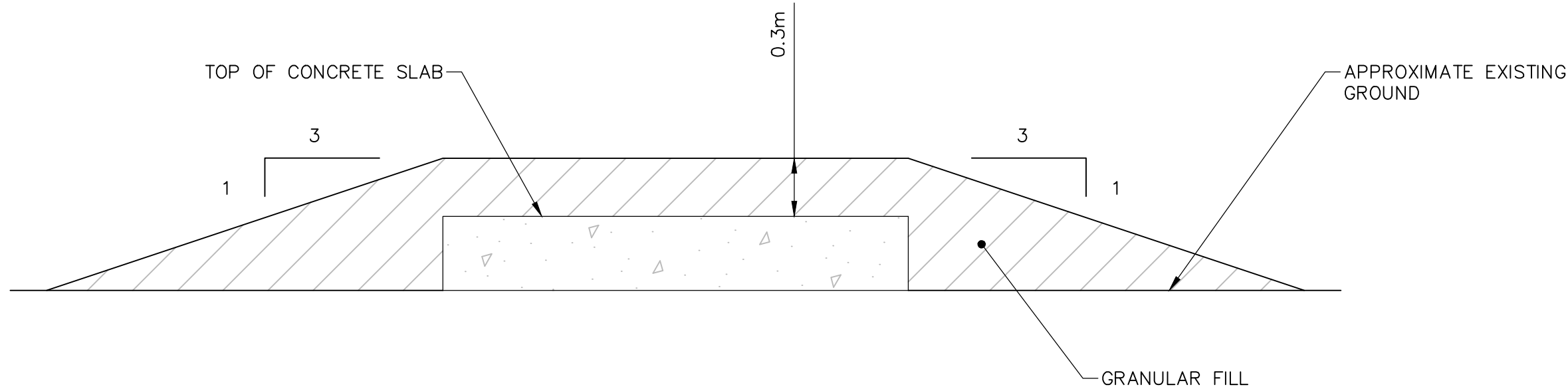
GARAGE FOUNDATION PLAN

0 0.5 1 1.5 m SCALE 1:50



WAREHOUSE FOUNDATION SECTION

0 0.5 1 1.5 m SCALE 1:50



TYPICAL FOUNDATION REGRADE DETAIL

SCALE: N.T.S.

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Professional / Seals / Sceaux

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PWSSC Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

WAREHOUSE AND GARAGE
PLAN, ELEVATION, AND SECTION

Project No./No. du projet R.064062	Sheet/Feuille S03 OF 3	Revision no./ La Révision no. E
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