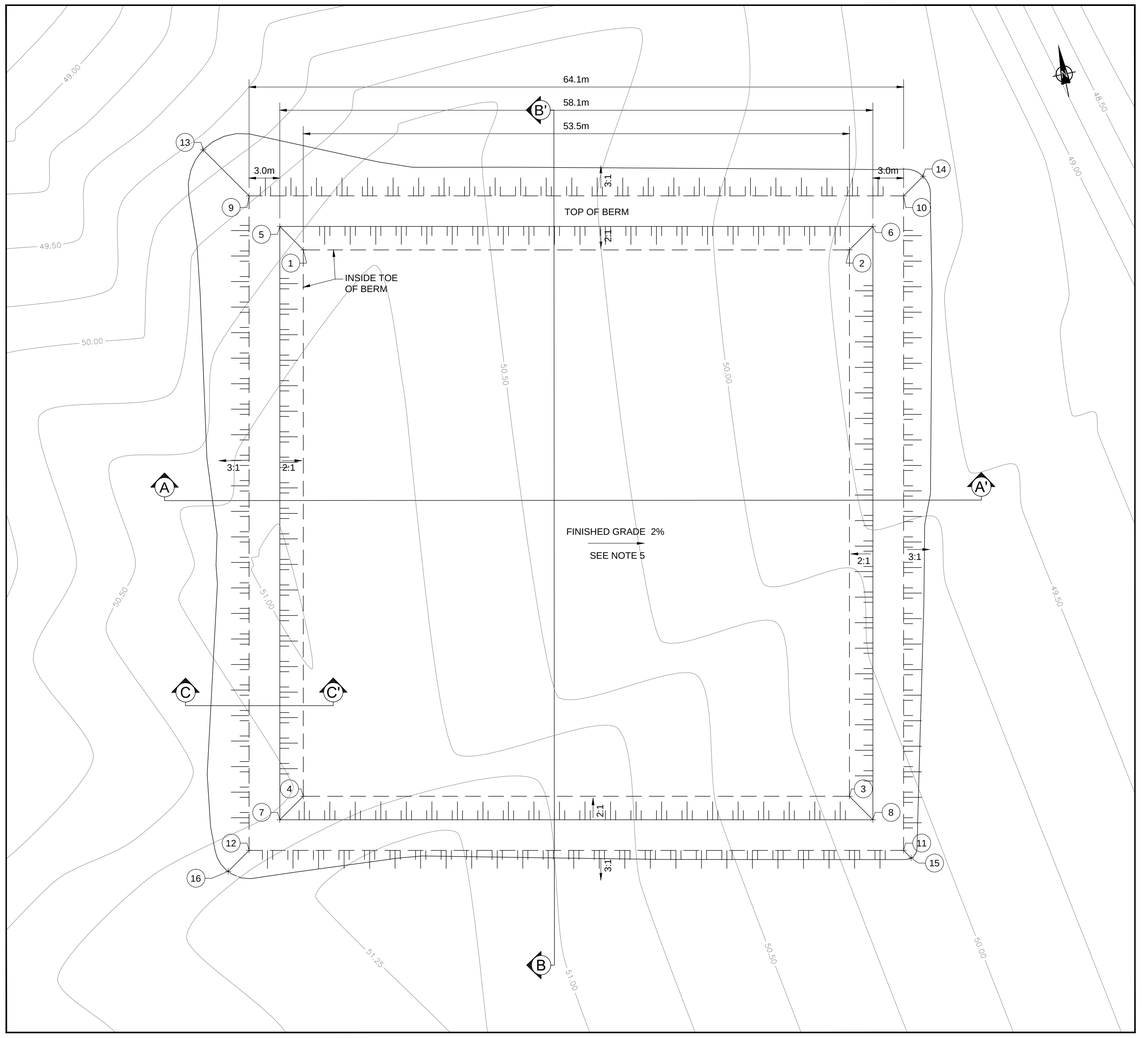
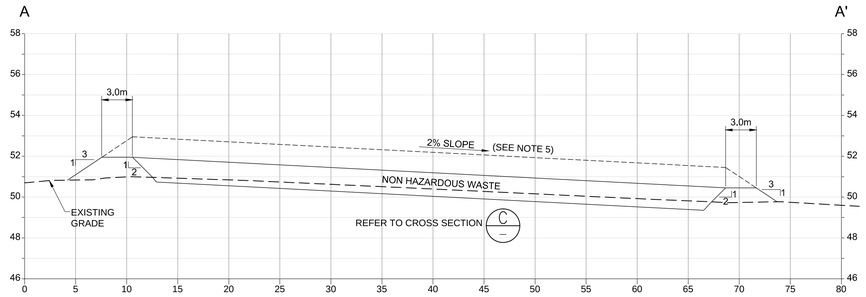


PLAN OF NHW LANDFILL

1:300

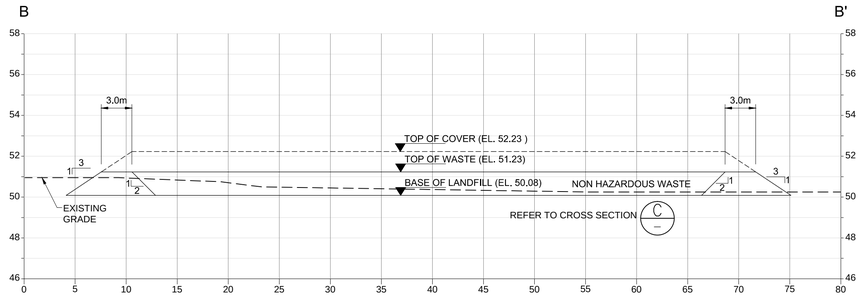
0 5 10 20m

LAYOUT POINTS				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION (m)
1	INSIDE TOE OF BERM	7571464.776	452339.255	50.80
2	INSIDE TOE OF BERM	7571454.114	452391.682	49.31
3	INSIDE TOE OF BERM	7571401.687	452381.020	49.31
4	INSIDE TOE OF BERM	7571412.349	452328.593	50.80
5	TOP OF COVER	7571467.488	452337.459	52.95
6	TOP OF COVER	7571455.910	452394.394	51.46
7	TOP OF COVER	7571410.553	452325.881	52.95
8	TOP OF COVER	7571398.975	452382.816	51.46
9	CREST OF BERM	7571471.026	452335.117	51.95
10	CREST OF BERM	7571458.252	452397.932	50.45
11	CREST OF BERM	7571395.437	452385.158	50.45
12	CREST OF BERM	7571408.211	452322.344	51.95
13	OUTSIDE TOE OF COVER	7571476.717	452332.301	49.82
14	OUTSIDE TOE OF COVER	7571459.833	452399.966	49.58
15	OUTSIDE TOE OF COVER	7571394.575	452385.853	50.07
16	OUTSIDE TOE OF COVER	7571406.842	452319.587	50.92



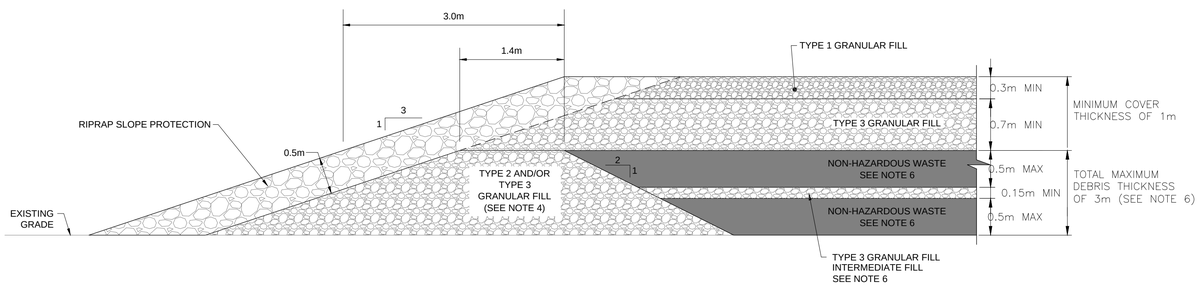
CROSS SECTION A

1:300 HORIZ.
1:150 VERT.



CROSS SECTION B

1:300 HORIZ.
1:150 VERT.



TYPICAL NHW LANDFILL CROSS-SECTION C

N.T.S. SEE NOTE 8

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PRELIMINARY NOT FOR CONSTRUCTION

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE REFERENCED TO NAD83 (CSRS) UTM ZONE 16N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
3. ALL SURFACE DEBRIS IS TO BE REMOVED FROM ALL CONTAMINATED SOIL AREAS AND LANDFILL AND TREATMENT CELL AREAS PRIOR TO ANY FILL PLACEMENT OR EXCAVATION TAKING PLACE.
4. HEIGHT OF PERIMETER BERM MAY VARY DEPENDING ON SURROUNDING TOPOGRAPHY AND FINAL DESIGN GRADES AND ELEVATIONS.
5. VARIABLE SLOPE ON LANDFILL SURFACE PERMITTED, MINIMUM 2%-MAXIMUM 5%.
6. DEBRIS SHOULD BE PLACED IN MAXIMUM 0.5m THICK LIFTS WITH INTERMEDIATE FILL (MINIMUM 0.15m THICK) OVER EACH LIFT OF DEBRIS TO FILL THE VOIDS. INTERMEDIATE FILL TO BE WORKED INTO UNDERLYING DEBRIS. TIER I AND / OR TYPE A PHC CONTAMINATED SOIL SHALL BE USED AS INTERMEDIATE FILL AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE WHERE AVAILABLE.
7. FOR MONITOR WELL LOCATIONS AND INSTALLATION DETAILS, SEE DRAWING No. C10. EXACT LOCATIONS TO BE FIELD CONFIRMED BY DEPARTMENTAL REPRESENTATIVE.
8. CONSTRUCTION OF NON-HAZARDOUS WASTE LANDFILL TO BE IN ACCORDANCE WITH REQUIREMENTS OF SECTION 31 22 15 - GRADING. DESCRIPTIONS OF GRANULAR MATERIAL TYPES SHOWN ON THIS DRAWING ARE DETAILED IN SECTION 31 05 17 - AGGREGATE MATERIALS.

LEGEND:

- COORDINATE POINT
- EXISTING GROUND CONROURS
- TYPE 1 GRANULAR FILL
- TYPE 2 AND/OR TYPE 3 GRANULAR FILL
- RIP RAP
- HYDROCARBON IMPACTED SOIL

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER D.MOREHOUSE LICENSEE NW T/NU

NOTE: THIS DRAWING ILLUSTRATES INFORMATION SPECIFIC TO A STANTEC

APP'D	NO.	DETAILS	DATE
	B	ISSUED FOR TENDER	FEB 27/15
	A	ISSUED FOR 90% REVIEW	OCT. 06/14

REVISIONS

DWG. NO.	DESCRIPTION	DATE

REFERENCES

PROJECT: CAM-E KEITH BAY REMEDIATION PROJECT

SITE ADDRESS: KEITH BAY NUNAVUT

CLIENT: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PWGSC JOB No.:	SCALE:	DATE:
R.064013	AS SHOWN	JULY 30, 2014
DRAWN BY	DESIGNED BY:	APPROVED BY
P.J.SOO	M. NICHOLSON	D. MOREHOUSE

DRAWING TITLE: NON HAZARDOUS WASTE LANDFILL

DRAWING No.:	REVISION No.
C07	B

Stantec

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