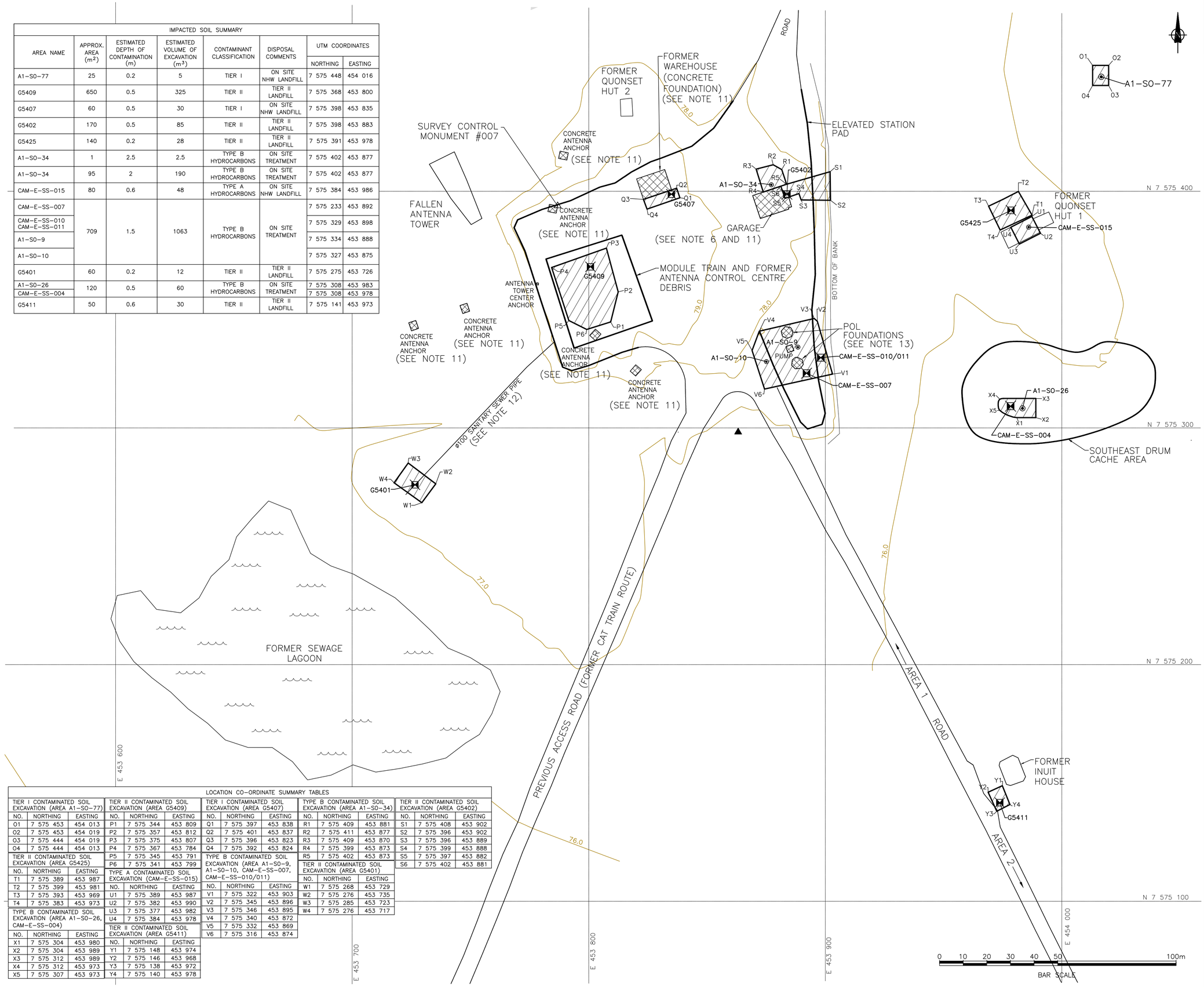
IMPACTED SOIL SUMMARY							
AREA NAME	APPROX. AREA (m^2)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m^3)	CONTAMINANT CLASSIFICATION	DISPOSAL COMMENTS	UTM COORDINATES	
						NORTHING	EASTING
A1-SO-77	25	0.2	5	TIER I	ON SITE NHW LANDFILL	7 575 448	454 016
G5409	650	0.5	325	TIER II	TIER II LANDFILL	7 575 368	453 800
G5407	60	0.5	30	TIER I	ON SITE NHW LANDFILL	7 575 398	453 835
G5402	170	0.5	85	TIER II	TIER II LANDFILL	7 575 398	453 883
G5425	140	0.2	28	TIER II	TIER II LANDFILL	7 575 391	453 978
A1-SO-34	1	2.5	2.5	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 575 402	453 877
A1-SO-34	95	2	190	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 575 402	453 877
CAM-E-SS-015	80	0.6	48	TYPE A HYDROCARBONS	ON SITE NHW LANDFILL	7 575 384	453 986
CAM-E-SS-007	709	1.5	1063	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 575 233	453 892
CAM-E-SS-010 CAM-E-SS-011						7 575 329	453 898
A1-SO-9						7 575 334	453 888
A1-SO-10						7 575 327	453 875
G5401	60	0.2	12	TIER II	TIER II LANDFILL	7 575 275	453 726
A1-SO-26	120	0.5	60	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 575 308	453 983
CAM-E-SS-004						7 575 308	453 978
G5411	50	0.6	30	TIER II	TIER II LANDFILL	7 575 141	453 973



LOCATION CO-ORDINATE SUMMARY TABLES

TIER I CONTAMINATED SOIL EXCAVATION (AREA A1-SO-77)

NO.	NORTHING	EASTING
O1	7 575 453	454 013
O2	7 575 453	454 019
O3	7 575 444	454 019
O4	7 575 444	454 013

TIER II CONTAMINATED SOIL EXCAVATION (AREA G5425)

NO.	NORTHING	EASTING
T1	7 575 389	453 987
T2	7 575 399	453 981
T3	7 575 393	453 969
T4	7 575 383	453 973

TYPE B CONTAMINATED SOIL EXCAVATION (AREA A1-SO-26, CAM-E-SS-004)

NO.	NORTHING	EASTING
X1	7 575 304	453 980
X2	7 575 304	453 989
X3	7 575 312	453 989
X4	7 575 312	453 973
X5	7 575 307	453 973

TIER II CONTAMINATED SOIL EXCAVATION (AREA G5409)

NO.	NORTHING	EASTING
P1	7 575 344	453 809
P2	7 575 357	453 812
P3	7 575 375	453 807
P4	7 575 367	453 784
P5	7 575 345	453 791
P6	7 575 341	453 799

TYPE A CONTAMINATED SOIL EXCAVATION (CAM-E-SS-015)

NO.	NORTHING	EASTING
U1	7 575 389	453 987
U2	7 575 382	453 990
U3	7 575 377	453 982
U4	7 575 384	453 978

TIER II CONTAMINATED SOIL EXCAVATION (AREA G5411)

NO.	NORTHING	EASTING
Y1	7 575 148	453 974
Y2	7 575 146	453 968
Y3	7 575 138	453 972
Y4	7 575 140	453 978

TIER I CONTAMINATED SOIL EXCAVATION (AREA G5407)

NO.	NORTHING	EASTING
Q1	7 575 397	453 838
Q2	7 575 401	453 837
Q3	7 575 396	453 823
Q4	7 575 392	453 824

TYPE B CONTAMINATED SOIL EXCAVATION (AREA A1-SO-9, A1-SO-10, CAM-E-SS-007, CAM-E-SS-010/011)

NO.	NORTHING	EASTING
V1	7 575 322	453 903
V2	7 575 345	453 896
V3	7 575 346	453 895
V4	7 575 340	453 872
V5	7 575 332	453 869
V6	7 575 316	453 874

TYPE B CONTAMINATED SOIL EXCAVATION (AREA A1-SO-34)

NO.	NORTHING	EASTING
R1	7 575 409	453 881
R2	7 575 411	453 877
R3	7 575 409	453 870
R4	7 575 399	453 873
R5	7 575 402	453 873

TIER II CONTAMINATED SOIL EXCAVATION (AREA G5401)

NO.	NORTHING	EASTING
W1	7 575 268	453 729
W2	7 575 276	453 735
W3	7 575 285	453 723
W4	7 575 276	453 717

TIER II CONTAMINATED SOIL EXCAVATION (AREA G5402)

NO.	NORTHING	EASTING
S1	7 575 408	453 902
S2	7 575 396	453 902
S3	7 575 396	453 889
S4	7 575 399	453 888
S5	7 575 397	453 882
S6	7 575 402	453 881

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PRELIMINARY NOT FOR CONSTRUCTION

NOTES:

1. ALL COORDINATES ARE REFERENCED TO NAD 83 (CSRS), UTM ZONE 16N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. SURFICIAL DEBRIS SCATTERED ACROSS THIS AREA INCLUDES VARIOUS NON-HAZARDOUS WASTE NEAR THE GARAGE, MODULE TRAIN AREA, POL FOUNDATION, FORMER QUONSET HUTS 1 AND 2, FORMER INUIT HOUSE AND FORMER WAREHOUSE, STEEL DRUMS, GAS CYLINDERS, MATERIAL WITH PCB AND LEAD AMENDED PAINT, ASBESTOS CONTAINING MATERIALS (ACMs) AND BATTERIES. ALL SURFACE DEBRIS TO BE REMOVED AND DISPOSED OF AS PER TENDER SPECIFICATIONS PRIOR TO SOIL EXCAVATION AND/OR FILL PLACEMENT.
4. ASBESTOS CONTAINING MATERIALS (ACMs) SHALL BE DOUBLE BAGGED PRIOR TO DISPOSAL IN THE NHW LANDFILL. ACMs TO BE HANDLED AND DISPOSED OF AS PER TENDER SPECIFICATIONS.
5. NON-HAZARDOUS DEBRIS SHALL BE COLLECTED, SHREDDED AND COMPACTED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS .
6. BUILDING INFRASTRUCTURE SHALL BE DEMOLISHED, SHREDDED/INCINERATED PRIOR TO DISPOSAL AS PER TENDER SPECIFICATIONS.
7. STEEL DRUMS SHALL BE EMPTIED, CLEANED AND CRUSHED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS FOR DETAILS.
8. GAS CYLINDERS SHALL BE VENTED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS.
9. LEAD AND PCB AMENDED PAINT SHALL BE ABATED ON-SITE, SEE DISPOSAL REQUIREMENTS IN TENDER SPECIFICATION.
10. BATTERIES SHALL BE PACKAGED AND DISPOSED OF OFF-SITE.
11. PROVIDE REGRADING AROUND CONCRETE PADS/FOUNDATIONS THAT ARE DESIGNATED TO REMAIN (GARAGE, FORMER WAREHOUSE, ANTENNAE) AS PER TENDER SPECIFICATIONS. REGRADE SIDE SLOPES 3H:1V UNLESS NOTED OTHERWISE.
12. PORTIONS OF THE POL LINE AND UTILITY LINES MAY BE PARTIALLY OR FULLY BURIED. REMEDIATE IN ACCORDANCE WITH TENDER SPECIFICATIONS.
13. REMOVE AND DISPOSE OF POL FOUNDATIONS ON-SITE AS PER TENDER SPECIFICATIONS.

LEGEND:

- PREVIOUS ACCESS ROUTE OR EXISTING ROAD
- BOTTOM OF BANK
- AIRSTRIP
- 75.0 CONTOUR
- IMPACTED SOIL TO BE EXCAVATED
- WATER BODY
- G5425 / A1-SO-26 SOIL SAMPLE LOCATION AND AREA IDENTIFIER
- GENERAL AREA OF SPECIFIED WORK FEATURE
- STRUCTURE/BUILDING TO BE DEMOLISHED/REGRADED
- PROPOSED PERMANANT SURVEY CONTROL MONUMENT TO BE INSTALLED. FOR PERMANANT SURVEY CONTROL MONUMENT INSTALLATION DETAILS, SEE DRAWING No. C10. EXACT LOCATIONS TO BE FIELD CONFIRMED BY DEPARTMENTAL REPRESENTATIVE.

PROFESSIONAL SEAL

REGISTERED PROFESSIONAL ENGINEER — D.MOREHOUSE — LICENSEE — NWT/NU

NOTE: THIS DRAWING ILLUSTRATES INFORMATION SPECIFIC TO A STANTEC PROJECT AND MUST NOT BE USED FOR OTHER PURPOSES.

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	1:750	JULY 30, 2014
DRAWN BY: P.J.SOO	DESIGNED BY: A. THOMPSON	APPROVED BY: D. MOREHOUSE

DRAWING TITLE: SITE PLAN SHOWING IMPACTED SOIL, HAZARDOUS AND NON HAZARDOUS MATERIALS (AREA 1 MAIN STATION AREA)

DRAWING No.: CO4 | REVISION No.: B | Stantec

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