



25.42 BAF-3, BREVOORT ISLAND

25.42.1 LOCATION/TERRAIN/TOPOGRAPHY

Latitude: 63° 20' 25.06" N
Longitude: 64° 09' 29.21" W
Elevation: 366 m

Location: This Long Range Radar (LRR) site is on 2,524 acres of land on Brevoort Island. The host LSS for BAF-3 is LSS-I, Iqaluit, located 150 km to the NW. A helipad is located on-site, as well as an abandoned gravel airstrip. Flight time from the LSS is 1 hour 15 minutes by helicopter under normal conditions.

Terrain: Brevoort Island is 40 km long and 10 km wide. It is an irregular, hilly island consisting of mostly igneous or metamorphic bedrock overlain in places by stony, sandy glacial fill intermixed with fluvial and marine deposits. Water and wind generated erosion move the poorly developed, thin mineral soil into valleys and hollows, leaving slopes and hilltops bare. There is a general lack of vegetation because much of the ground is barren or covered with a thin veneer of lichen.

Topography: Brevoort Island is a high, rocky prominence rising dramatically from the sea. Sheer sea cliffs surround most of the coastline. Low lands are present in the north and northwest sections of the island.

25.42.2 CLIMATE

No average temperature and precipitation information is available from Environment Canada for this site.

Precipitation: Annual Average: 600 mm
Snowfall: N/A
Rainfall: N/A

25.42.3 SITE POPULATION

This LRR site was transitioned to “unattended” status on 31 October 1995.

25.42.4 LAND USE

A large Jet-A1 fuel spill (approx. 150,000 L) was discovered at this site in January 2007. Cleanup and remediation are ongoing and will be followed by a monitoring program.

Apart from the existing airport and harbour facilities on Brevoort Island, there are no significant human uses of the land. Occasionally, far-ranging hunting parties from Allen Island, Pangnirtung, and Iqaluit visit to hunt polar bear, walrus, and seals. The site is located in the Nunavut Settlement Area in

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the Qikiqtaaluk administrative region. DND has been transferred the management, charge and direction of the property by DIAND for the life of the NWS.

Very little is known about the archaeology of Brevoort Island. Current use of the nearby areas by Inuit suggests that Brevoort Island may be a region of traditional camp sites used by hunters. The value of archaeological resources is greatly diminished if they are disturbed or moved before proper mapping can be done.

25.42.5 WILDLIFE

Land mammals are not abundant on Brevoort Island. Lemmings and arctic hare have been reported. Polar bears use coastal portions of the island extensively in winter and there is evidence of denning and the presence of young on the south side of the island. A few caribou, arctic foxes, and arctic wolves may come and go across the frozen Robinson Sound, but they are not thought to be resident on the island.

Marine mammals are more numerous than land mammals at Brevoort Island. Walrus make use of the straits between Brevoort Island the Lemieux Island east of Brevoort and 18 km north of the BAF-2 site. Walrus are present in the area all summer and a large scale movement into the Lemieux Island occurs in mid-September. Other marine mammals occurring in waters around Brevoort Island include harp seal, ringed seal, and bearded seal. Scattered whale sightings, including records of bowhead, killer, and beluga have been reported.

Bird life on and around Brevoort Island is limited. Nesting colonies of glaucous gulls have been reported. Nesting by black guillemot is suspected on the southeastern end of Brevoort Island. Only a few passerines have been observed on a casual basis. Shorebird records have been similarly sparse, and no evidence of raptors has been documented.

There are about 49 species of fish known to exist in Davis Strait, including Atlantic salmon and arctic char.

Table 25.42-1 shows the wildlife that can be found on or within the vicinity of BAF-3.

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Table 25.42-1 Wildlife Species Encountered at or within range of BAF-3 and their classification under SARA, COSEWIC, and Territorial Regulations

Species Common Name	Species Binomial Nomenclature	Time frame of Occurrence	SARA Status ¹	SARA Schedule ²	COSEWIC Designation ³
TERRESTRIAL MAMMALS					
Arctic Fox	<i>Vulpes lagopus</i>	Annual	---	---	---
Arctic Hare	<i>Lepus arcticus</i>	Annual	---	---	---
Caribou, Barren Ground subspecies	<i>Rangifer tarandus groenlandicus</i>	Annual	---	---	---
Grey Wolf	<i>Canis lupus</i>	Annual	---	---	---
Red Fox	<i>Vulpes vulpes</i>	Annual	---	---	---
Wolverine	<i>Gulo gulo</i>	Annual	---	---	Special Concern
MARINE MAMMALS					
Atlantic Walrus (Northwest Atlantic population)	<i>Odobenus rosmarus</i>	Seasonally	Extirpated	1	Non-Active
Beluga Whale (Cumberland Sound Population)	<i>Delphinapterus leucas</i>	Summer	---	---	Threatened
Bowhead Whale (Eastern Arctic Population)	<i>Balaena mysticetus</i>	Annual	Endangered	2	Non-Active
Bowhead Whale (Eastern Canada-West Greenland Population)	<i>Balaena mysticetus</i>	Annual	---	---	Special Concern
Harbour Seal	<i>Phoca vitulina concolor</i>	Seasonally	---	---	Not at Risk
Killer Whale	<i>Orcinus orca</i>	Seasonally	---	---	Special Concern
Narwhal Whale	<i>Monodon monoceros</i>	Seasonally	---	---	Special Concern
Polar Bear	<i>Ursus maritimus</i>	Annual	Special Concern	1	Special Concern
Ringed Seal	<i>Phoca hispida</i>	Seasonally	---	---	Not at Risk
BIRDS					
American Pipit	<i>Anthus rubescens</i>	Summer	---	---	---
Arctic Tern	<i>Sterna paradisaea</i>	Summer	---	---	---
Baird's Sandpiper	<i>Calidris bairdii</i>	Summer	---	---	---
Black Guillemot	<i>Cepphus grylle</i>	Annual	---	---	---
Common Eider	<i>Somateria mollissima</i>	Summer	---	---	---
Common Loon	<i>Gavia immer</i>	Summer	---	---	Not at Risk
Common Raven	<i>Corvus corax</i>	Annual	---	---	---
Common Redpoll	<i>Acanthis flammea</i>	Summer	---	---	---
Glaucous Gull	<i>Larus hyperboreus</i>	Summer	---	---	---
Gyr Falcon	<i>Falco rusticolus</i>	Annual	---	---	Not at Risk
Harlequin Duck	<i>Histrionicus histrionicus</i>	Summer	Special Concern	1	Special Concern
Hoary Redpoll	<i>Acanthis hornemanni</i>	Annual	---	---	---
Horned Lark	<i>Eremophila alpestris</i>	Summer	---	---	---
Iceland Gull	<i>Larus glaucoides</i>	Summer	---	---	---
King Eider	<i>Somateria spectabilis</i>	Summer	---	---	---
Lapland Longspur	<i>Calcarius lapponicus</i>	Summer	---	---	---
Long-Tailed Duck	<i>Clangula hyemalis</i>	Summer	---	---	---
Long-Tailed Jaeger	<i>Stercorarius longicaudus</i>	Summer	---	---	---
Northern Wheatear	<i>Oenanthe oenanthe</i>	Summer	---	---	---
Pacific Loon	<i>Gavia pacifica</i>	Summer	---	---	---
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Summer	---	---	---
Peregrine Falcon, Tundrius subspecies	<i>Falco peregrinus tundrius</i>	Annual	Special Concern	3	Non-Active
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	Summer	---	---	---
Purple Sandpiper	<i>Calidris maritima</i>	Summer	---	---	---
Red-Breasted Merganser	<i>Mergus serrator</i>	Summer	---	---	---
Red-Necked Phalarope	<i>Phalaropus lobatus</i>	Summer	---	---	---
Red-Throated Loon	<i>Gavia stellata</i>	Summer	---	---	---

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Species Common Name	Species Binomial Nomenclature	Time frame of Occurrence	SARA Status ¹	SARA Schedule ²	COSEWIC Designation ³
Rock Ptarmigan	<i>Lagopus muta</i>	Winter	---	---	---
Rough-Legged Hawk	<i>Buteo lagopus</i>	Summer	---	---	Not at Risk
Ruddy Turnstone	<i>Arenaria interpres</i>	Summer	---	---	---
Semipalmated Plover	<i>Charadrius semipalmatus</i>	Summer	---	---	---
Short-eared Owl	<i>Asio flammeus</i>	Summer	Special Concern	1	Special Concern
Snow Bunting	<i>Plectrophenax nivalis</i>	Summer	---	---	---
Snow Goose	<i>Chen caerulescens</i>	Summer	---	---	---
Snowy Owl	<i>Bubo scandiacus</i>	Annual	---	---	Not at Risk
White Rumped Sandpiper	<i>Calidris fuscicollis</i>	Summer	---	---	---
FISH					
Atlantic Cod (Arctic Marine Population)	<i>Gadus morhua</i>	Annual	---	---	Data Deficient
Notes: 1 = SARA Status. The federal Species At Risk Act (SARA) classifies species as extinct, extirpated, endangered, threatened, or special concern. 2 = The SARA Registry currently classifies species at risk in Schedules: 1, 2 and 3. Schedule 1, as defined in the Act, is the official list of wildlife for species at risk that are protected. The species are classified as either: extirpated, endangered, threatened or of special concern. The species listed in Schedules 2 and 3 are not protected under SARA. Species that are listed in schedules 2 and 3 are monitored and their designation is subject to re-assessment. 3 = The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) is a committee of experts that assesses and designates which wildlife species are in some danger of disappearing from Canada. COSEWIC designations are based on status reports. These status reports are comprehensive technical reports that compile and analyze the best available information on a wildlife species' status in Canada and indicates the threats to that wildlife species. COSEWIC classifies species as extinct, extirpated, endangered, threatened, or special concern. 4 = Under Nunavut's Wildlife Act, a List of Species at Risk can be established. No species have been listed yet 5 = --- means there is no classification.					

25.42.6 WATER SUPPLY

Water is pumped from the water lake through a pipeline to the water tanks at the summit during the summer months as required.

25.42.7 SEWAGE DISPOSAL

Sewage is collected in holding tanks, and the waste water is pumped to the sewage sump south of the site.

25.42.8 WASTE DISPOSAL

Domestic waste is incinerated in the on-site incinerator. Ash from the incinerator along with all the waste that cannot be incinerated is sent to LSS-Q, where it is then disposed of in the community landfill in Iqaluit. The City of Iqaluit has authorized the disposal of non-hazardous waste from the North Warning System Radar sites in the city landfill.

25.42.9 ELECTRICAL POWER

Power is generated at this site through four generators, which have the capacity to be synchronized together. Total capacity can vary depending on the site load and the number of DEGs online. This range can vary from 175 kW to 700 kW.

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25.42.10 FIRE PROTECTION

- Components: The fire protection system consists of:
- Fire Alarm & Detection System;
 - CO₂ Fire Suppression Systems;
 - FM-200 Fire Suppression System; and
 - Portable Fire Extinguisher.

Description: The Fire Alarm Control Panel (FACP) for the main detection system (GE quick start) is located in the dining area.

If the FACP fire alarm is activated, the system will:

- activate the fire doors in the activated zone;
- set off the alarm bells and horns throughout the site;
- activate the station siren to notify personnel outside; and
- send a signal to notify the NWSCC.

The Pyrene CO₂ system is located in the C&E and the Power Plant area.

If a single detector from the Pyrene System is activated, the system will:

- set off the alarm bells and horns in that area;
- send a signal to the main FACP, which activates the main fire alarm panel and will set off the alarm bells and horns throughout the site; and
- send a signal to notify the NWSCC.

If a second device in the C&E area is activated, the following will occur:

- the FACP will initiate shutdown of the exhaust fans and radar;
- the FACP will initiate the discharge of CO₂ into the zone where alarm initiated from;
- the FACP will activate the discharge strobes above the entrance way to the fire zone;
- the discharge pressure switch will activate; and
- send a signal to notify the NWSCC.

If a second device in the Power Plant on the site is activated, the following will occur:

- the FACP will initiate the shutdown of the exhaust fan & power;
- the FACP will initiate the generator shut down;
- the FACP will initiate CO₂ discharge into the power plant;
- the FACP will initiate the discharge strobes above the entrance way to the fire zone;
- the discharge pressure switch will activate; and
- send a signal to notify the NWSCC.

The FM-200 Suppression System is located in the Communications Room (Comms Room), and is made up of two 60 lbs cylinders with 48 lbs of agent. The system is supervised by the GE Quick Start Fire Alarm Panel.

If a single device in the Comms Room is activated, the following will occur:

- the FACP will initiate evacuation bell within the Comms Room;

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- b. the FACP will send a signal to the GE Quick Start FACP which will activate the sites Fire Alarm System; and
- c. the FACP will send a signal to notify the NWSCC.

If a second device in the Comms room is activated, the following will occur:

- a. the FACP will initiate the discharge sequence; and
- b. the discharge strobes will activate above the entrance way to the Comms Rooms.

The Kitchen Range Guard System is located in the dining area, and is made up of one cylinder containing 11.3 L (2.5 Gal) of agent. The system is supervised by the GE Quick Start Fire Alarm Panel.

If the system is activated by either the release of a fusible link in the canopy which will flood the grills and canopy with agent, or by a manual pull station located on the canopy, the main FACP will:

- a. will be signaled;
- b. will set off the alarm bells and horns; and
- c. send a signal to notify the NWSCC.

25.42.11 KITS

KIT	LOCATION
Fire Fighting Equipment	Strategic locations throughout site
Safety Boards	TSM, ACC Module, RCM
Search and Rescue	TSM
Disaster/Survival	Emergency Shelter
POL Spill	Garage
Chemical Spill	TSM
First Aid Supplies	ACC Module First Aid Room

Table 25.42-2 BAF-3 Fuel Spill Kit

CAT I.D.	QTY.	ITEM	PART NUMBER
1067553	C/W	POL SPILL CLEANUP KIT No. 1	CL006
1021477	20 BG	ABSORBENT, MATERIAL 50 QT. BAG	48210
1021572	10 RL	ABSORBENT, MATERIAL 3/8" X 36" X 144 FT	OB150
1044124	150 BG	ABSORBENT, MATERIAL 50 QT. BAG	48230
1021664	1 CS	ABSORBENT, SHEET 200 SH/CS 17"X19"X3/8"THK	OB100
1059485	8 EA	BOOM, OIL 40 FT. TOTAL LG.	48225
1062419	2 EA	PITCHFORK	R41645
1018094	1 BX	PLASTIC BAG 100 BAGS/BOX	35-50-3B
1008712	4 RL	PLASTIC POLY 6 MIL, 1000 SQ.METERS	VISQUEENCLEAR
1021141	3 EA	HALF MASK, DISPOSABLE TYPE	GT-9999-3005-7
1009276	1 RL	ROPE, POLYPROPYLENE 600 FT.	MIL-R-24049
1013919	20 PR	RUBBER GLOVES, LINED	GL4513 (M)
1061292	2 PR	SAFETY GOGGLES	6367
1062475	2 EA	SHOVEL, ROUND MOUTH	GGG-S-326
1022135	1 EA	SLIPTANK, PORTABLE 100 GAL.	TANK100
1003058	2 EA	SALVAGE DRUMS 85 GAL.	PS-26368

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SOW REF: 16.F.1.b

Table 25.42-3 BAF-3 Chemical Spill Kit

CAT I.D.	QTY.	ITEM	PART NUMBER
1067552	C/W	CHEMICAL SPILL KIT	CL007
1023947	4 PR	COVERALLS, W/ HOOD & BOOT COVERS	SEA PA5228
1012151	4 PR	GLOVES, CHEMICAL RESISTANT	111E220
1063898	1 BX	RAGS, COTTON, 50 LB.	31-25
1062334	4	SIGN, HAZARDOUS CHEMICAL	70852
1022625	4	RESPIRATOR, HALF-FACE	655X013
1022622	12	CARTRIDGE FILTERS, VAPOUR	655F155

25.42.12 BULK FUEL STORAGE AND DISTRIBUTION

Fuel is delivered to the site biannually. The ship pumps directly into the beach tanks via a 200 mm diameter fuel transfer line. Bulk Fuel Technicians transfer fuel annually from the beach tanks to the summit bulk tanks using a 50 mm diameter fuel transfer line. After each transfer, the majority of the fuel line is drained back to the beach tanks and is empty during the remainder of the year.

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Table 25.42-4 BAF-3 Bulk Fuel Storage

LOCID	Location	Fuel Usage	Tank Size (L)	Max Fill Volume (L)	Usable Volume (L)
Environment Canada ID # & System Name: EC-00004481, BAF-3 Beach to Summit					
BREW22G	Summit	PGS	90,000	84,528	82,857
BREW22H	Summit	PGS	90,000	84,528	82,857
BREW22I	Summit	PGS	90,000	84,528	82,857
BREW22J	Summit	PGS	90,000	84,528	82,857
BREW22K	Summit	PGS	90,000	84,528	82,857
BREW22Q	Summit	PGS	50,000	46,917	45,981
BREW22R	Summit	PGS	50,000	46,917	45,981
BREW22L	Beach	PGS	90,000	84,528	82,857
BREW22M	Beach	PGS	90,000	84,528	82,857
BREW22N	Beach	PGS	90,000	84,528	82,857
BREW22O	Beach	PGS	90,000	84,528	82,857
BREW22P	Beach	PGS	90,000	84,528	82,857
BREW21C	Beach	PGS	9,000	8,472	8,277
BREW20A	Summit	Vehicle Refueller	46,000	43,259	42,129
BREDAYT1	PGS	Summit	379	356	356
BREDAYT2	PGS	Summit	379	356	356
BREDAYT3	PGS	Summit	379	356	356
BREDAYT4	PGS	Summit	379	356	356
BREDAYT5	PGS	Summit	379	356	356
BREDAYT6	PGS	Summit	379	356	356
BREDAYT7	PGS	Garage	1,135	1,067	1,067
BREDAYT8	PGS	Garage	1,135	1,067	1,067
Environment Canada ID # & System Name: EC-00004482, BAF-3 Airfield					
BREW21D	Airstrip	Vehicle Refueller	9,000	8,472	8,277
BREDAYT9	PGS	HVS	379	356	356
Environment Canada ID # & System Name: EC-00004483, BAF-3 ES					
BREW22F	Summit	PGS	9,000	8,472	8,277
BREDAYT10	PGS	HVS	379	356	356
Summit Totals:			607,653	570,697	559,145
Airstrip Totals:			9,379	8,828	8,633
Beach Totals:			459,000	431,112	422,562
Site Totals:			1,076,032	1,010,637	990,340

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Table 25.42-5 BAF-3 Bulk Fuel System Components

COMPONENT	USE	DESCRIPTION
Tank BRE W22A	PGS	Field-erected, vertical, coated, steel beach tank (DEW Line vintage) contained in a gravel dike with impermeable liner (1986-87) shared with BRE W22B. This tank was permanently withdrawn and physical removed in 2013
Tank BRE W22B	PGS	Field-erected, vertical, coated, steel Beach tank (1986-87) contained in a gravel dike with impermeable liner (1986-87) shared with BRE W22A. This tank was permanently withdrawn and physical removed in 2013.
Tank BRE W22C	PGS	Field-erected, vertical, coated, steel beach tank (DEW Line vintage) contained in a gravel dike with impermeable liner (1986-87) shared with BRE W22D. This tank was permanently withdrawn in 2011 and physical removed in 2012.
Tank BRE W22D	PGS	Field-erected, vertical, coated, steel beach tank (1986-87) contained in a gravel dike with impermeable liner (1986-87) shared with BRE W22C. This tank was permanently withdrawn in 2011 and physical removed in 2012.
Tank BRE W22F	PGS	Self- diked, horizontal, steel tank at the Emergency shelter (1986-1987).
Tanks BRE W22G to BRE W22K; BRE W22Q and BRE W22R	PGS	90,000 L double walled tanks installed at the BAF-3 summit in 2013.
Tanks BRE W22L to BRE W22P	PGS	90,000 L double walled tanks installed at the BAF-3 Beach in 2012. These tanks are connected to the beach pumphouse with a temporary hose to transfer fuel from the beach to the summit.
Tank BRE W21C	Vehicle Refueller	Self-diked, horizontal, steel tank located adjacent to the TSM(1986-1987). Serves purpose of vehicle refueller with attached Gas Boy pump
BRE W20A	Aviation	Self- diked, horizontal, steel tank at the helipad (1993-1994).
Pipeline BRE W08A		Note: All underground piping is double-walled and drained to a sump a. 50 m of 200 mm aboveground piping from beach intake to beach tanks (1986-87) b. 1850 m of 50 mm aboveground piping from beach to summit tanks (1986 & 1998) B3-66023 c. 100 m of 25 mm aboveground piping from summit pumphouse to site (1986-87) d. 75 m of 25 mm aboveground piping from summit pumphouse to site (1998) B3-66023 e. 250 m of 50 mm aboveground piping from summit pumphouse to helipad tank (1998) B3-66023 f. 30 m of 50 mm aboveground piping from helipad tank to helipad (1998) B3-66023 g. 80 m of 25 mm <u>underground</u> piping from TSM to vehicle storage building (1986-87). Decommissioned but probably has not been drained. Does not meet CEPA requirements (see NWS Site Fuel Distribution & Storage Facility Current Conditions June 21, 2002). h. 75 m of 25 mm <u>underground</u> piping from summit pumphouse to site (1986-87). No documentation stating condition of line or if it was removed in project B3-66023.
Beach Pumphouse		Pumps P-43 & P-44: Union Pump Company, Model 1-5/8 x 2-1/4 TX-10B Triplex Pump 57.2mm stroke, 15HP, 575/3/60, Frame 245T, 1800RPM, 1.26 L/s

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COMPONENT	USE	DESCRIPTION
Summit Pumphouse		Pumps P-45 & P-46: Viking Pump Company of Canada Limited, Pump Model GG-190, Frame 145T 51 L/s at 345Kpa, 1.5 HP 575/3/60, 1800 RPM, 0DP Motor

Sources Include:

1. Initial Environmental Evaluation of the North Warning System Project, Vols 1 & 2. Monenco-Eyrettechnics Group, 1987 (Vol. 1), 1989 (Vol.2).
2. Nunavut Land Claims Agreement, 1993.
3. NWS Site Record Drawings.
4. Nunavut Wildlife Resource and Habitat Values. Nunami Jacques Whitford Limited. October 2008.

Table 25.42-6 BAF-3 LOCID Register

LOCID #	FACILITY NAME
BRE B01A	RADAR/COM RADOME
BRE B02A	ACCOMMODATION BUILDING
BRE B03A	TECH SERV/POWER BLDG
BRE B04A	EMERGENCY SHELTER
BRE B05A	WATER STORAGE BUILDING
BRE B06A	POL PUMPHOUSE - SUMMIT
BRE B06B	POL PUMPHOUSE - BEACH
BRE B07A	WATER PUMPHOUSE
BRE B09A	AIRSTRIIP TERMINAL BUILDING
BRE B10A	GARAGE
BRE B10B	STORAGE BUILDING - AIRFIELD
BRE B15A	STORAGE SHED #1
BRE B15B	STORAGE SHED #2
BRE B15C	STORAGE SHE #3 AIRFIEL
BRE B15D	STORAGE SHED #4
BRE W01A	ROADS
BRE W02A	SANITARY SEWERS/SEWER LINES
BRE W02C	SEPTIC TANKS
BRE W03A	WATER DISTRIBUTION
BRE W04A	WATER TANK #1
BRE W04B	WATER TANK #2
BRE W05A	AUXILIARY POWER UNIT
BRE W05B	AUXILIARY POWER UNIT
BRE W06A	POWER DIST./CABLE GROUND
BRE W06B	POWER DISTR./CABLE OVERHEAD
BRE W07A	ILLUMINATED WINDCONE(s)
BRE W08A	POL DISTRIBUTION LINES
BRE W09A	SGT PLATFORM/FOUNDATION MAIN
BRE W09C	VARIOUS ANTENNA STRUCTURES
BRE W09D	SGT PLATFORM/FOUNDATION STANDBY

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LOCID #	FACILITY NAME
BRE W09X	SGT PLATFORMS/FOUNDATIONS - MAIN & STANDBY
BRE W10A	HELIPAD(S)
BRE W11A	BOLLARDS
BRE W13A	TVRO FOUNDATION/ANTENNA
BRE W14A	WEATHER EQUIPMENT
BRE W15A	RUNWAY AREA - APRON
BRE W16A	LIGHTING - AIRFIELD
BRE W20A	AVIATION/JET A-1 TANK
BRE W21C	REFUELLER TANK
BRE W21D	REFUELLER TANK
BRE W21X	REFUELLER TANK - ALL
BRE W22A	PGS/JET-A1 TANK
BRE W22B	PGS/JET-A1 TANK
BRE W22C	PGS/JET-A1 TANK
BRE W22D	PGS/JET-A1 TANK
BRE W22F	PGS/JET-A1 TANK
BRE W22X	PGS/JET-A1 TANKS - ALL
BRE W29A	FIRE PROTECTION SYSTEM
BRE W30A	SECURITY SYSTEM
BRE W31A	GENERAL GROUNDS
BRE W32A	OPEN STORAGE AREA - POL
BRE W32B	OPEN STORAGE AREA - DISPOSAL
BRE W32C	OPEN STORAGE AREA - MISC.
BRE W33A	PIER/BEACH AREA
BRE W34A	FRESH WATER LAKE
BRE W35A	CONTAINMENT DYKES
BRE W42A	ELEVATED WALKWAY
BRE W42B	ELEVATED WALKWAY
BRE W43A	SITE SIGNS AND FLAG POLES

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Raytheon
Canada Limited

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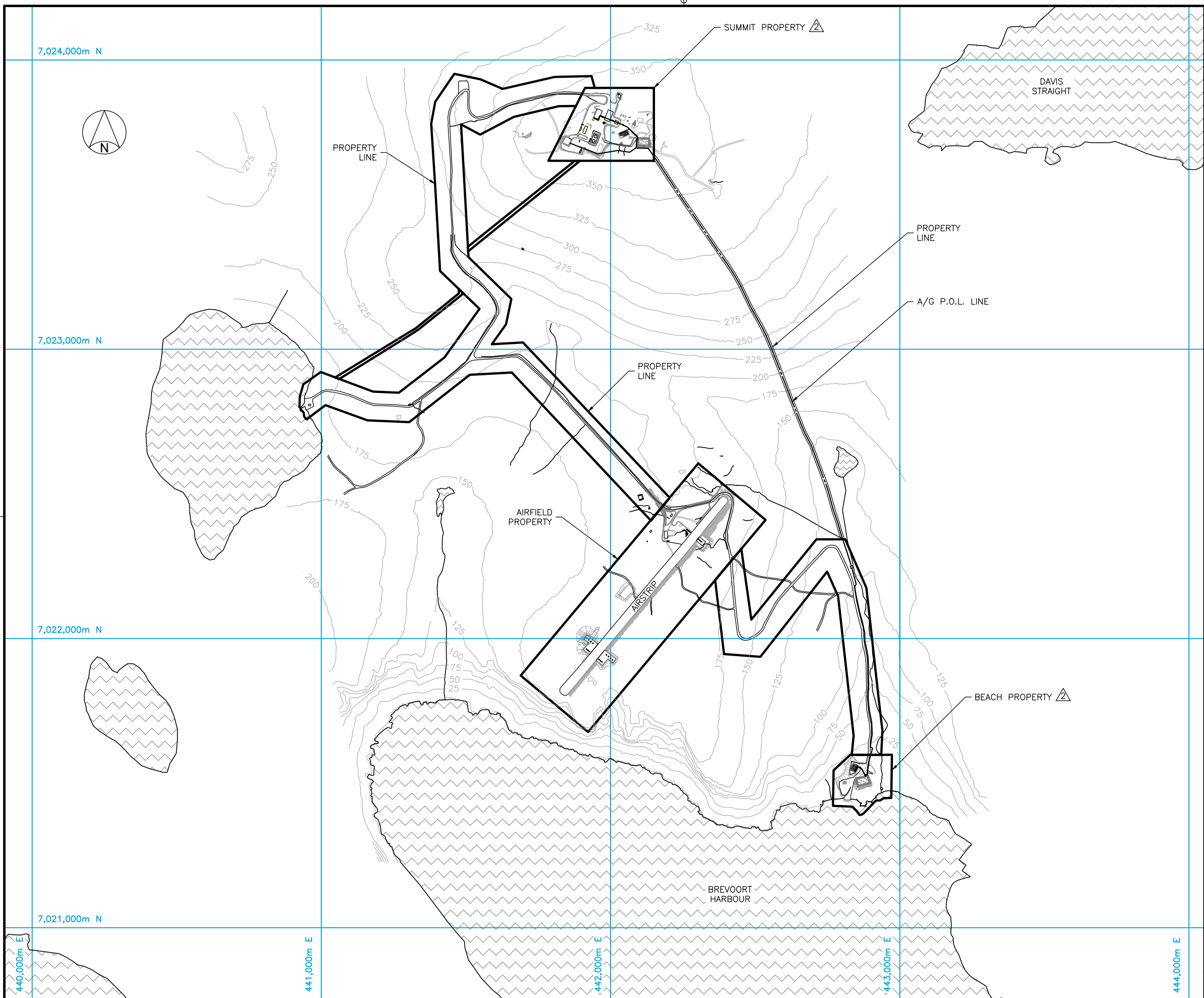



BAF-3, BREVOORT ISLAND - SUMMIT

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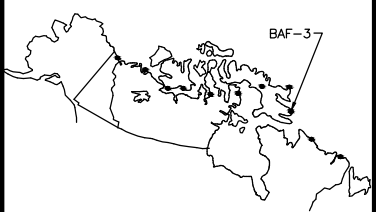



National
Défense

Défense
nationale

NORTH WARNING SYSTEM OFFICE
Bureau du système d'alerte du Nord

LOCATION






400-160 ELGIN ST.
OTTAWA, ON K2P 2P7
TEL.: (613) 234-9033
FAX.: (613) 234-2671

NOTES:

--- ABOVEGROUND P.O.L. LINE



THIS SEAL CERTIFIES THAT THIS AS-BUILT
DRAWING REPRESENTS THE ACTUAL NSTALLATION
WITH REASONABLE ACCURACY.

DRAWING IS REPRESENTATIVE
OF GENERAL LAYOUT &
RELATIVE POSITION OF
GROUNDS, STRUCTURES &
SERVICES.
DO NOT UTILIZE THIS DRAWING
FOR SCALING DISTANCES

2	08 APR 14	REV AS PER B3-367051	A.S. K.J.
1	26 JUL 13	AS PER REVISIONS	B.R.
No.	DATE	REVISION	DRN. APPR

SCALE - ÉCHELLE

N.T.S.

PROJECT - PROJET

LONG RANGE RADAR SITE

BAF-3

BREVOORT

TRADE - MÉTIER

NUNAVUT

DATE

31 MAY 12

SUBJECT - SUJET

STS RECORDS
SITE PLAN

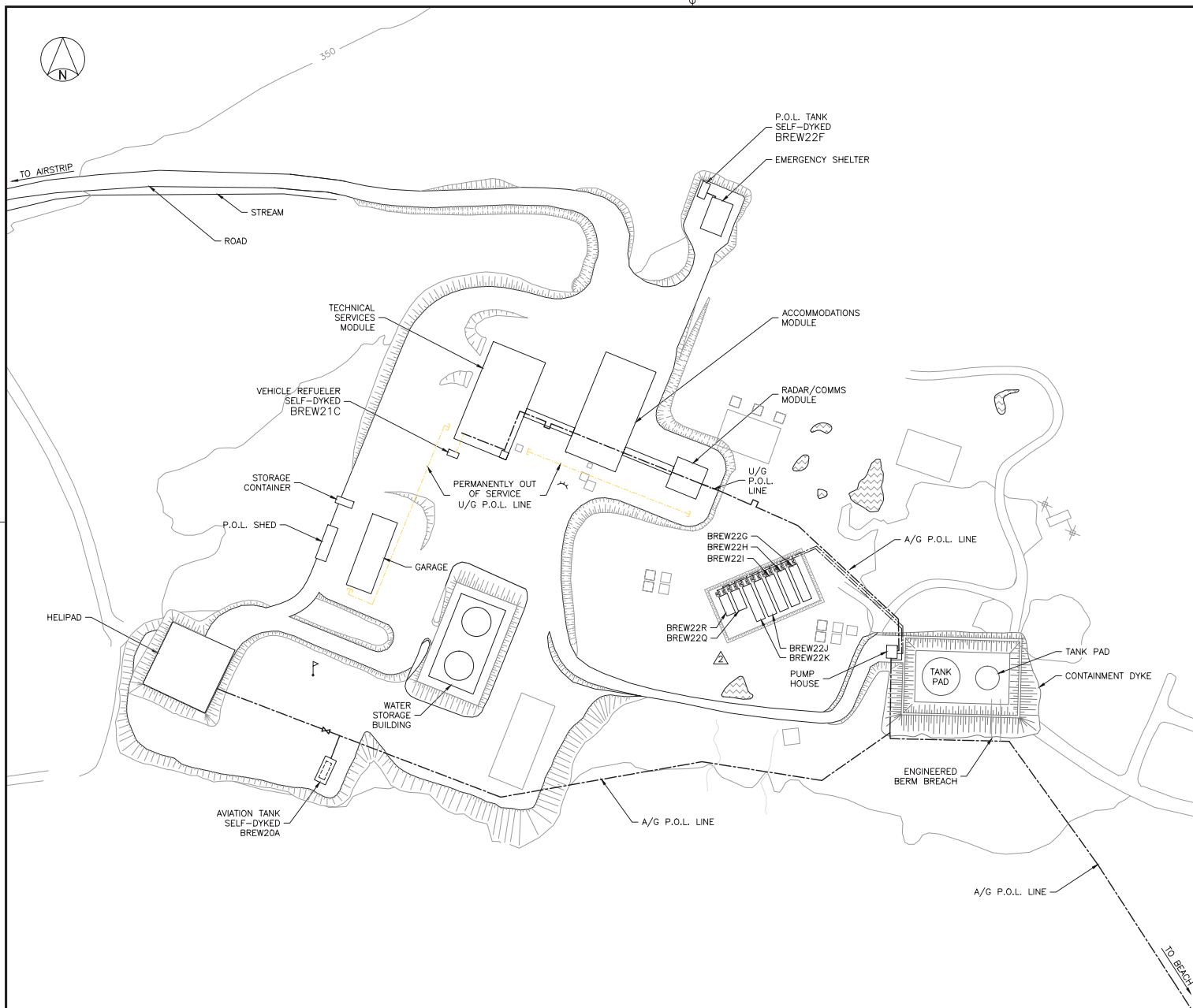
PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ÉTUDIÉ	B.R.	FIRE MARSHAL PRÉVOT DU SERVICE DES INCENDIES
DRAWN DESSINÉ	B.R.	
CHECKED VÉRIFIÉ	B.M.	NWSO ENGINEERING OFFICER OFFICIER DU GÉNIE BSAN
COORDINATION		NWSO FACILITIES ENGINEER GÉNIE DES INSTALLATIONS BSAN

DWG. NO. - DESSIN NO.
SK-B3-499559-01

Canada

SK-B3-499559-02

BAF-3



NORTH WARNING SYSTEM OFFICE
Bureau du système d'alerte du Nord

LOCATION



450-100 ELGIN ST.
CITADIA, ON. K2P 2P7
TEL: (873) 234-8500
FAX: (873) 234-2571

NOTES:

- ABOVEGROUND P.O.L. LINE
- UNDERGROUND P.O.L. LINE
- ELECTRICAL CABLE



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2	08 APR 14	REV AS PER B3-367051	A.S.	K.J.
1	26 JUL 13	AS PER REVISIONS	B.R.	
No.	DATE	REVISION	REVISION	DRN, APPR.

SCALE - ÉCHELLE

N.T.S.

PROJECT - PROJET

LONG RANGE RADAR SITE

BAF-3

BREVVOIRT

NUNAVUT

TRADE - MÉTIER

DATE

31 MAY 12

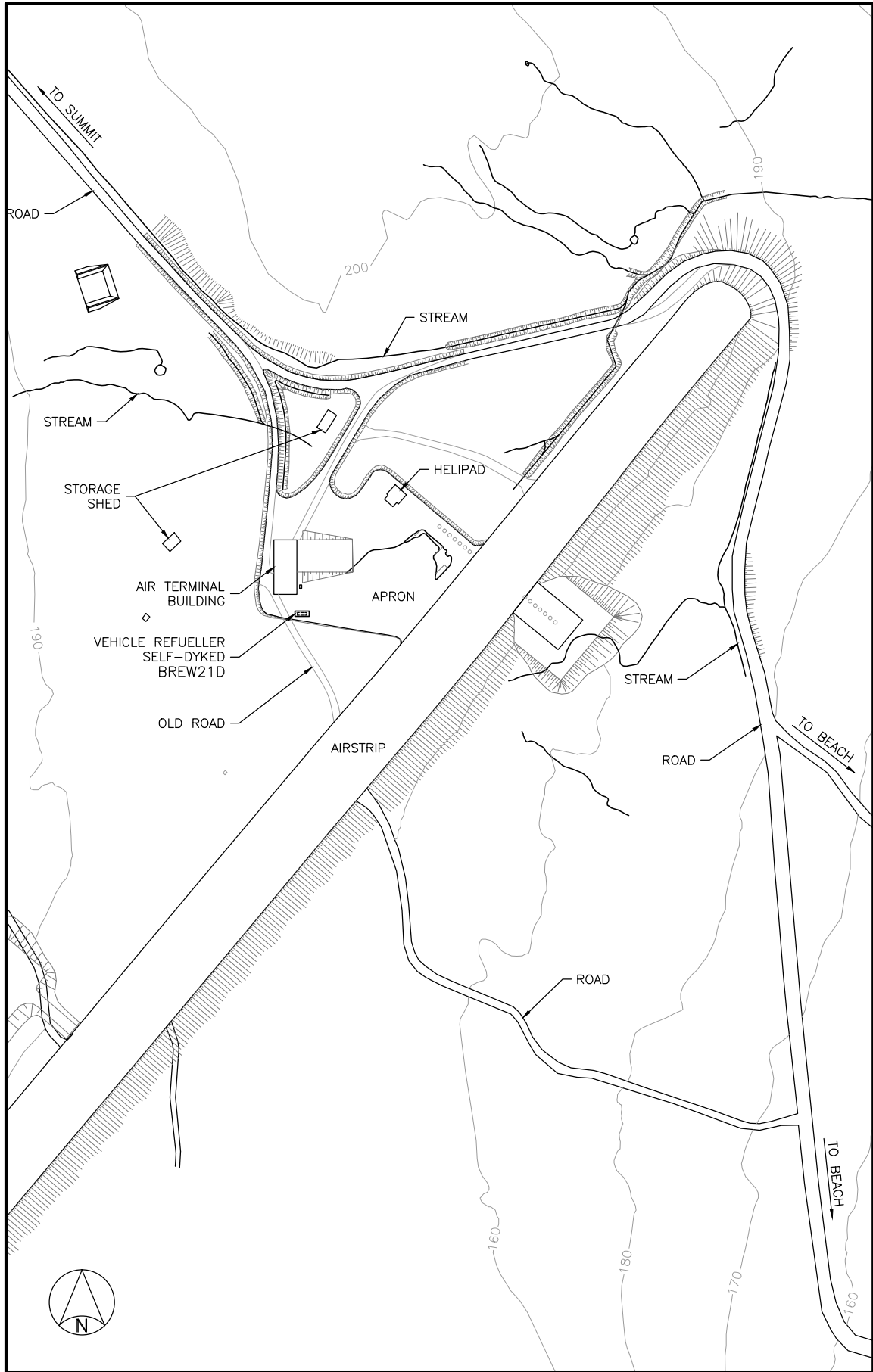
SUBJECT - SUJET

STS RECORDS
SUMMIT AREA PLAN

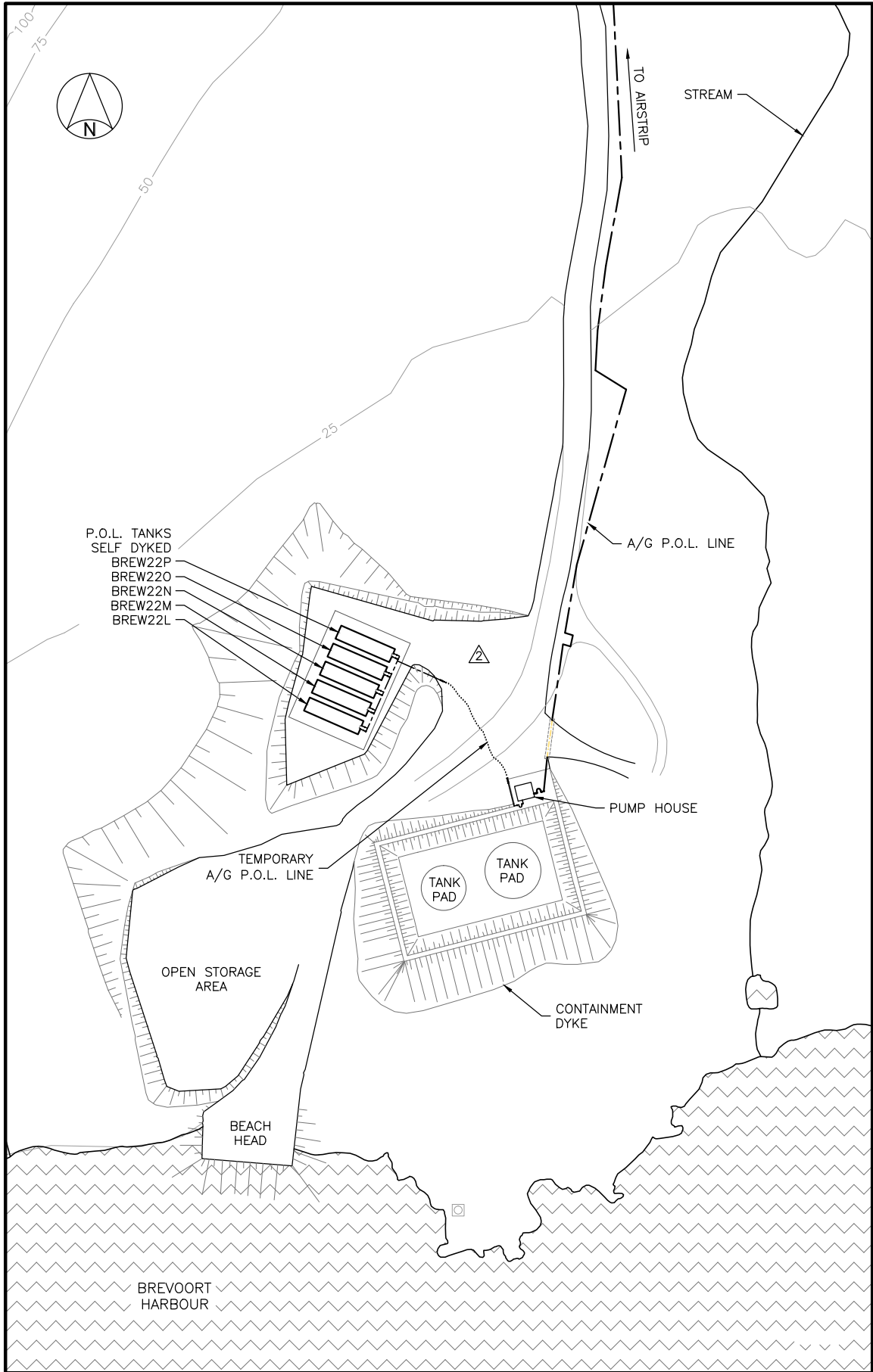
PRODUCTION	CONCURRENCE - ASSISEMENT
DESIGNED ÉTUDE B.R.	FIRE MARSHAL DATE SERVISE DÉT INCIDENTS
DRAWN DESSINÉ B.R.	
CHECKED VÉRIFIÉ B.M.	NWSD ENGINEERING OFFICE GEN. DES FACILITÉS
COORDINATION	NWSD ENGINEERING OFFICE GEN. DES FACILITÉS

SK-B3-499559-02


Canada



1
03 AIRSTRIP AREA PLAN
N.T.S.



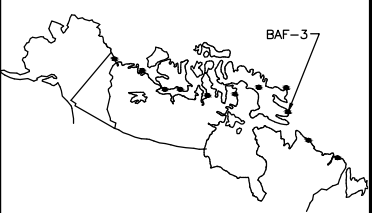
2
03 BEACH AREA PLAN
N.T.S.




National
Défense
Défense
nationale

NORTH WARNING SYSTEM OFFICE
Bureau du système d'alerte du Nord

LOCATION



BAF-3




400-160 ELGIN ST.
OTTAWA, ON K2P 2P7
TEL.: (613) 234-9033
FAX.: (613) 234-2871

NOTES:

1. TEMPORARY A/G POL LINE IS IN PLACE ONLY DURING FUEL TRANSFERS.

--- ABOVEGROUND P.O.L. LINE



LEARNED PROFESSIONAL ENGINEER
B. M. MICHELS
10012172
April 9, 2011
PROVINCE OF ONTARIO

THIS SEAL CERTIFIES THAT THIS AS-BUILT DRAWING REPRESENTS THE ACTUAL NSTALLATION WITH REASONABLE ACCURACY.

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2	08 APR 14	REV AS PER B3-367051	A.S. K.J.
1	26 JUL 13	AS PER REVISIONS	B.R.
No.	DATE	REVISION	DRN. APPR.

SCALE - ÉCHELLE

N.T.S.

PROJECT - PROJET

LONG RANGE RADAR SITE

BAF-3

BREVOORT

NUNAVUT

TRADE - MÉTIER

DATE

31 MAY 12

SUBJECT - SUJET

STS RECORDS

AIRSTRIP AND BEACH

AREA PLANS

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED ÉTUDIÉ	B.R. FIRE MARSHAL
DRAWN DESSINÉ	B.R.
CHECKED VÉRIFIÉ	B.M. NWSO ENGINEERING OFFICER
COORDINATION	NWSO FACILITIES ENGINEER
	OFFICIER DU GÉNIE BSAN
	GÉNIE DES INSTALLATIONS BSAN

DWG. NO. - DESSIN NO.

SK-B3-499559-03

