



SOW REF: 16.F.1.b

25.25 CAM-3, SHEPHERD BAY

25.25.1 LOCATION/TERRAIN/TOPOGRAPHY

Latitude: 68° 48' 22.96" N

Longitude: 93° 26' 38.76" W

Elevation: 46 m

Location: This Long Range Radar (LRR) site is situated on 22 km² of a gently and uniformly sloping coastal plain area that appears to be an emerging sea bottom. The module train is located on the crest of an elevated "U" shaped gravel ridge. The closest source of support is LSS-C in Cambridge Bay, 467 km to the west. Flight time from the LSS is 2 hours 40 minutes by helicopter under normal conditions. A helipad is located on-site, as well as an abandoned airstrip.

Terrain: The plain between the ridge and the sea contains a number of irregularly aligned gravel ridges and is covered with many small lakes, ponds, and swamp areas. The lakes and ponds are shallow, partly filled with vegetation, and surrounded by a spongy humus comprised of mosses. Well sorted sands, gravels, and silts form a blanket of glacial drift over the region. Vegetation in the drier areas of Shepherd Bay may consist of Arctic willow, a variety of sedges, and flowering herbs.

Topography: The shoreline of Shepherd Bay has a wavy outline. Much of the shore is a thin gravel beach and the coastal slopes are covered with sand, silt, and rock fragments.

25.25.2 CLIMATE

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

Precipitation:	Annual Average:	145 mm
	Snowfall:	65 cm
	Rainfall:	80 mm

25.25.3 SITE POPULATION

This LRR site was transitioned to "unattended" status on 31 August 1995.

25.25.4 LAND USE

There are no commercial developments in the area. Some Inuit from Gjoa Haven, Taloyoak (formerly Spence Bay), and Pelly Bay may hunt near the site and to the north towards the Boothia Peninsula, primarily for caribou, arctic fox, and waterfowl. The site is located in the Nunavut Settlement Area in the Kitikmeot administrative region. DND has been transferred the management, charge, and direction of the property by DIAND for the life of the NWS.

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The Shepherd Bay area contains significant archaeological remains. Three prehistoric sites were identified. All of the sites, containing tent rings and caches, appear to be of Thule age. One of the sites has been disturbed severely by gravel extraction and probably looting activities. The remaining two are located in close proximity to existing roads and may be impacted by continued use of these communication routes.

25.25.5 WILDLIFE

Shepherd Bay provides good habitat for wildlife, particularly nesting waterfowl in the spring and summer. The region also provides good habitat for arctic foxes, arctic hares, and wolves. Caribou are common near the site and are frequently seen in the vicinity of the airstrip. Muskoxen may be found occasionally, south of the site near the Murchison River.

Polar bears, bearded seals, and narwhal can occasionally be seen during the open water season. Ringed seals prefer the land-fast ice in Shepherd Bay along the coastline.

Pacific loons have been observed to nest on a lake northeast of the airstrip. Ptarmigan are locally common. Site personnel have reported that Shepherd Bay is an important area for staging Canada Geese. King eider have been spotted on small ponds surrounding the facilities and at the sewage outlet. Flocks of oldsquaw and tundra swans were found nesting near the coast at the beach area. Snow buntings were found in disturbed areas around the station and appeared to be nesting beneath the trains.

Important fish in the area include arctic char, lake trout, least cisco, whitefish, and cod.

Table 25.25-1 shows the wildlife that can be found on or within the vicinity of CAM-3.

Table 25.25-1 Wildlife Species Encountered at or within range of CAM-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 (Union and Dolphin population)	<i>Rangifer tarandus groenlandicus</i>	Annual	Special Concern	1	Special Concern
Grey Wolf	<i>Canis lupus</i>	Annual	---	---	---
Grizzly Bear	<i>Ursus arctos horribilis</i>	Seasonally	---	---	Special Concern
Muskoxen	<i>Ovibos moschatus</i>	Spring-late summer	---	---	---
Red Fox	<i>Vulpes vulpes</i>	Annual	---	---	---
Wolverine	<i>Gulo gulo</i>	Annual	---	---	Special Concern
MARINE MAMMALS					
Bowhead Whale	<i>Balaena mysticetus</i>	Annual	---	---	---
Polar Bear	<i>Ursus maritimus</i>	Annual	Special Concern	1	Special Concern
Ringed Seal	<i>Phoca hispida</i>	Winter-Spring	---	---	Not at Risk
BIRDS					
American Golden Plover	<i>Pluvialis dominica</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
American Pipit	<i>Anthus rubescens</i>	Summer	---	---	---
Arctic Tern	<i>Sterna paradisaea</i>	Summer	---	---	---
Baird's Sandpiper	<i>Calidris bairdii</i>	Summer	---	---	---
Black-Bellied Plover	<i>Pluvialis squatarola</i>	Summer	---	---	---
Brant	<i>Branta bernicla</i>	Summer	---	---	---
Buff-Breasted Sandpiper	<i>Tryngites subruficollis</i>	Summer	---	---	---
Cackling Goose	<i>Branta hutchinsii</i>	Summer	---	---	---
Canada Goose	<i>Branta canadensis</i>	Summer	---	---	---
Common Eider	<i>Somateria mollissima</i>	Summer	---	---	---
Common Raven	<i>Corvus corax</i>	Annual	---	---	---
Common Redpoll	<i>Acanthis flammea</i>	Summer	---	---	---
Dunlin	<i>Calidris alpina</i>	Summer	---	---	---
Glaucous Gull	<i>Larus hyperboreus</i>	Summer	---	---	---
Gyr Falcon	<i>Falco rusticolus</i>	Annual	---	---	Not at Risk
Herring Gull	<i>Larus argentatus</i>	Summer	---	---	---
Hoary Redpoll	<i>Acanthis hornemanni</i>	Annual	---	---	---
Horned Lark	<i>Eremophila alpestris</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	---	---	---
Pacific Loon	<i>Gavia pacifica</i>	Summer	---	---	---
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Summer	---	---	---
Pectoral Sandpiper	<i>Calidris melanotos</i>	Summer	---	---	---
Peregrine Falcon, Tundrius subspecies	<i>Falco peregrinus tundrius</i>	Annual	Special Concern	3	Non-Active
Red Knot, Rufa	<i>Calidris canutus rufa</i>	Summer	Endangered	1	Endangered
Red Phalarope	<i>Phalaropus fulicarius</i>	Summer	---	---	---
Red-Necked Phalarope	<i>Phalaropus lobatus</i>	Summer	---	---	---
Red-Throated Loon	<i>Gavia stellata</i>	Summer	---	---	---
Rock Ptarmigan	<i>Lagopus muta</i>	Winter	---	---	---
Ross's Goose	<i>Chen rossii</i>	Summer	---	---	---
Rough-Legged Hawk	<i>Buteo lagopus</i>	Summer	---	---	Not at Risk
Ruddy Turnstone	<i>Arenaria interpres</i>	Summer	---	---	---
Sabine's Gull	<i>Xema sabini</i>	Summer	---	---	---
Sandhill Crane	<i>Grus canadensis</i>	Summer	---	---	---
Semipalmated Plover	<i>Charadrius semipalmatus</i>	Summer	---	---	---
Snow Bunting	<i>Plectrophenax nivalis</i>	Summer	---	---	---
Snow Goose	<i>Chen caerulescens</i>	Summer	---	---	---
Snowy Owl	<i>Bubo scandiaca</i>	Annual	---	---	Not at Risk
Thayer's Gull	<i>Larus thayeri</i>	Summer	---	---	---
Tundra Swan	<i>Cygnus columbianus</i>	Summer	---	---	---
White Rumped Sandpiper	<i>Calidris fuscicollis</i>	Summer	---	---	---
Willow Ptarmigan	<i>Lagopus lagopus</i>	Annual	---	---	---
Yellow-Billed Loon	<i>Gavia adamsii</i>	Summer	---	---	Not at Risk

Notes:

1 = SARA Status. The federal Species At Risk Act (SARA) classifies species as extinct, extirpated, endangered, threatened, or special concern.

2 = SARA Schedule. The federal Species at Risk Act (SARA) assigns species to Schedule 1, 2 or 3. Schedule 1 is the official List of Wildlife Species at Risk. Schedule 1 species and their residences and critical habitats are protected. Species in Schedule 2 or 3 are not protected under SARA, but they 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.

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25.25.6 WATER SUPPLY

Water is trucked from a nearby freshwater lake during the summer.

25.25.7 SEWAGE DISPOSAL

Sewage is piped from the holding tank system to the sewage outfall area.

25.25.8 WASTE DISPOSAL

Domestic waste is transported to LSS-C where it is sent to the community landfill.

25.25.9 ELECTRICAL POWER

Power is generated at this site.

Total site capacity (4 generators) 585 kW

Normal operating capacity (1 generator) 175 kW

25.25.10 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;

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- c. the FACP will activate the discharge strobes above the entrance way to the fire zone;
- d. the discharge pressure switch will activate; and
- e. send a signal to notify the NWSCC.

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

- a. the FACP will initiate the shutdown of the exhaust fan & power;
- b. the FACP will initiate the generator shut down;
- c. the FACP will initiate CO2 discharge into the power plant;
- d. the FACP will initiate the discharge strobes above the entrance way to the fire zone;
- e. the discharge pressure switch will activate; and
- f. 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:

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



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25.25.11 KITS**Table 25.25-2 CAM-3 Kits and Locations**

KIT	LOCATION
Fire Fighting Equipment	"B" Train Module and "A" Train
Safety Boards	Strategic locations throughout site
Disaster/Survival	Garage Mezzanine
POL Spill	Warehouse B13A
Chemical/Asbestos Spill	"A" Train
First Aid Supplies	"B" Train and strategic locations throughout site

Table 25.25-3 CAM-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

Table 25.25-4 CAM-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

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Table 25.25-5 CAM-3 Asbestos Response Kit

CAT I.D.	QTY.	ITEM	PART NUMBER
1067551	C/W	ASBESTOS RESPONSE KIT	CL008
1023947	8 PR	COVERALLS, W/ HOOD & BOOT COVERS	SEA PA5228
1063146	2 BG	GLOVEBAG. HORIZONTAL, ZIP-LOCK	10HZ
1050629	1 PG	GLOVEBAG. TEE, ZIP-LOCK	10TZ
1049979	1 PG	GLOVEBAG. HORIZ. W/VALVE ZIP-LOCK	10VLZ
1060069	1 PG	GLOVEBAG. VERTICAL, ZIP-LOCK	10VZ
1063031	1 BG	ADHESIVE, BAKELITE	120-18
1063032	1	CANVAS SHEET 5 FT. X 6 FT.	00
1022622	12	CARTRIDGE FILTERS, VAPOUR	655F155
1060534	2	CAUTION LABELS (BRADY)	85383
1011756	14 RL	DUCT TAPE	290
1057731	2	EXPANSION STRIP 6" X 54 "	0654EX
1012151	10 PR	GLOVES, CHEMICAL RESISTANT	111E220
1013228	1 BX	GLOVES, SURGICAL 100/BOX	431104
1011596	3	PLASTIC PAIL	L-P-65
1008712	2 RL	SHEET, PLASTIC 144" W X 1200" LG.	VISQUEENCLEAR
1066387	1	PRESSURE SPRAYER, 1 GAL	60071
1063898	1	RAG, COTTON	31-25
1022625	4	RESPIRATOR, HALF-FACE	655X013
1009663	1	SHEARS, METAL TIN SNIPS	270-10
1063027	1 SE	SHOULDER STRAP, 30" LG	30SS
1063040	1 SE	SHOULDER STRAP, 60" LG	60SS
1063637	1	DISINFECTANT, 1 GAL	EMP425-1
1019931	3	UTILITY KNIFE	U-3-C
1061205	4	WARNING SIGN (BRADY)	92288
1061986	1	WIRE, FLEXSAW	20FS
1018252	1 PL	WETTING AGENT, SURFACTANT 5 GAL.	CP-225
1062413	6 EA	BAG, PLASTIC. YELLOW	ASBA003
1064301	4	BRUSH, PAINT 4 IN. WIDE	310-100

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25.25.12 BULK FUEL STORAGE AND DISTRIBUTION

Table 25.25-6 CAM-3 Bulk Fuel Storage

LOCID	Location	Fuel Usage	Tank Size (L)	Max Fill Volume (L)	Usable Volume (L)
Environment Canada ID # & System Name: EC-00003945, CAM-3 Beach to Summit					
SHEW22A	Summit	PGS	246,000	231,211	213,882
SHEW22C	Beach	PGS	246,000	231,211	213,882
SHEW22D	Beach	PGS	246,000	231,211	213,882
SHEW22I	Summit	PGS	75,000	70,494	69,428
SHEW22J	Summit	PGS	75,000	70,494	69,428
SHEW22H	Summit	PGS	75,000	70,494	69,428
SHEW21C	Summit	Vehicle Refueller	4,100	3,878	3,770
SHEW20A	Summit	Aviation	50,000	46,917	45,981
SHEDAYT1	Summit	PGS	1,135	1,067	1,067
SHEDAYT2	Summit	PGS	1,135	1,067	1,067
SHEDAYT3	Summit	PGS	1,135	1,067	1,067
SHEDAYT4	Summit	PGS	1,135	1,067	1,067
SHEDAYT5	Summit	PGS	1,135	1,067	1,067
SHEDAYT6	Summit	PGS	1,135	1,067	1,067
SHEDAYT7	Summit	PGS	1,135	1,067	1,067
Environment Canada ID # & System Name: EC-00003946, CAM-3 Beach Aviation					
SHEW20C	Beach	Aviation	50,000	46,917	45,981
SHEW20D	Beach	Aviation	50,000	46,917	45,981
Summit Totals:			533,045	500,957	479,386
Beach Totals:			592,000	556,256	519,726
Site Totals:			1,125,045	1,057,213	999,112

Table 25.25-7 CAM-3 Bulk Fuel Storage Components

COMPONENT	USE	DESCRIPTION
Tank SHE W22A	PGS	Field-erected, vertical, single bottom, steel, 246,000L-summit tank (1956-1957) contained in a gravel dike with impermeable liner (1995). The dike volume meets the required code capacity. The membrane in the dike attaches to the perimeter of the tank concrete foundation but does not pass under bottom of tank.
Tanks SHE W22C & SHE W22D	PGS	Field-erected, vertical, single bottom, steel, 246,000L-beach tanks (1956-1957) contained in a gravel dike with impermeable liner (1995). The dike volume meets the required code capacity. The membrane in the dike attaches to the perimeter of the tank concrete foundation but does not pass under bottom of tank.

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COMPONENT	USE	DESCRIPTION
Tanks SHE W22H to SHE W22J	PGS	Self-diked, horizontal, 75,000L steel tanks at the summit (1994-1995).
Tank SHE W20A	Aviation	Self-diked, horizontal, 50,000L steel tank at the summit helipad (1997)
Tanks SHE W20C & SHE W20D	Aviation	Self-diked, horizontal, 50,000L steel tanks at the Beach helipad (1997)
Piping		<p>All underground piping does not meet CEPA requirements (see report, NWS Site Fuel Distribution & Storage Facility Current Conditions June 21, 2002).</p> <ul style="list-style-type: none">a. 13,000 m of 50 mm aboveground piping from beach to summitb. 50 mm aboveground piping from Summit tank to TSBc. 17.4 m of 50 mm <u>underground</u> piping* from Summit tanks to TSBd. 16.4 m of 50 mm <u>underground</u> piping* from TSB to Warehousee. 50 mm aboveground piping around TSB to PGS tanks and Aviation tanksf. 39.2 m of 50 mm <u>underground</u> piping* from TSB to garageg. 50mm aboveground piping from TSB to garageh. 6 m of 50 mm <u>underground</u> piping* from garage to vehicle refuelleri. 50 mm aboveground piping from garage to vehicle refuellerj. 50 mm aboveground piping from Beach aviation tanks to Helipadk. 150 mm aboveground piping from sealift intake to Beach bulk tanksl. 500 m of aboveground piping from summit tanks to warehouse and garage <p>* removed from service in 2008</p>

Pumphouses: SHE B06A (Summit)
SHE B06B (Beach)

Sources Include:

1. Initial Environmental Evaluation of the North Warning System Project, Vols 1 & 2. Monenco-Eyrotechnics Group, 1987 (Vol. 1), 1989 (Vol.2).
2. Environmental Cleanup Study of 21 DEW Line Sites in Canada. UMA, June 1991.
3. NWS Environmental Study, Vol. 2: Site Analysis. Royal Roads Military College Environmental Sciences Group (Reimer), June 1991.
4. The Nunavut Land Claims Agreement, 1993.
5. NWS Site Record Drawings.
6. The Nunavut Wildlife Harvest Study. Nunavut Wildlife Management Board, February 2004.
7. Nunavut Wildlife Resource and Habitat Values. Nunami Jacques Whitford Limited. October 2008.
8. Environment Canada Monthly Data – Shepherd Bay, Nunavut
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me=3&Prov=NU&StationID=1723&mlyRange=1957-01-01|2006-07-01&Year=1957&Month=01&Day=01# Retrieved in March 2015.

Table 25.25-8 CAM-3 LOCID Registry

LOCID #	FACILITY NAME
SHE B01A	RADAR/COM - A-TRAIN
SHE B03A	TECH SERV/POWER BLDG
SHE B06A	POL PUMPHOUSE - SUMMIT
SHE B06B	POL PUMPHOUSE - BEACH
SHE B10A	GARAGE
SHE B13A	WAREHOUSE
SHE B14A	HANGAR
SHE B15A	STORAGE SHED #1
SHE B15B	STORAGE SHED #2
SHE W01A	ROADS
SHE W02A	SANITARY SEWERS/SEWER LINES
SHE W02B	SEWAGE LAGOON
SHE W06A	POWER DIST./CABLE GROUND
SHE W07A	ILLUMINATED WINDCONE(s)
SHE W08A	POL DISTRIBUTION LINES
SHE W09A	SGT PLATFORM/FOUNDATION MAIN
SHE W09C	VARIOUS ANTENNA STRUCTURES
SHE W09D	SGT PLATFORM/FOUNDATION STANDBY
SHE W09X	SGT PLATFORMS/FOUNDATIONS - MAIN & STANDBY
SHE W10A	HELIPAD(S)
SHE W11A	BOLLARDS
SHE W13A	TVRO FOUNDATION/ANTENNA
SHE W14A	WEATHER EQUIPMENT
SHE W15A	RUNWAY AREA - APRON
SHE W16A	LIGHTING - AIRFIELD
SHE W20A	AVIATION/JET-A1 TANK
SHE W20C	AVIATION/JET-A1 TANK
SHE W20D	AVIATION/JET-A1 TANK
SHE W21C	REFUELLER TANK
SHE W22A	PGS/JET-A1 TANK
SHE W22C	PGS/JET-A1 TANK
SHE W22D	PGS/JET-A1 TANK
SHE W22H	PGS/JET-A1 TANK
SHE W22I	PGS/JET-A1 TANK
SHE W22J	PGS/JET-A1 TANK
SHE W22X	PGS/JET-A1 TANKS - ALL

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LOCID #	FACILITY NAME
SHE W29A	FIRE PROTECTION SYSTEM
SHE W30A	SECURITY SYSTEM
SHE W31A	GENERAL GROUNDS
SHE W32A	OPEN STORAGE AREA - POL
SHE W32B	OPEN STORAGE AREA - DISPOSAL
SHW W35A	CONTAINMENT DYKE

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H-S123/1-8400-103

CAM-3







National
Défense

Défense
nationale


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

LOCATION









NOTES:



1. NASITTUQ HAS CARE CUSTODY OF ENTIRE PARCEL.
2. CONTOURS ARE IN FEET. 

LEGEND:

 WATER

 POL LINE 

 APPROXIMATE LOCATION OF SWAMPY AREAS

 GRAVEL ROADWAY 

NO DATA AVAILABLE FOR CONSTRUCTION OF WIND ROSE INFORMATION.

REDUCED DRAWING FOR INFORMATION ONLY

SCALE IS REPRESENTATIVE OF FULL SIZE DRAWING.

2	31 MAR 07	REV AS PER REDLINES	J.G.
1	13 JUN 06	REV AS PER REDLINES	F.P.
No.	DATE	REVISION	REVISION
		DRN.	APPR.

SITE RECORD DRAWING

100 0 100 200 300 400 metres

100 0 100 200 300 400 mètres

SCALE - ÉCHELLE

1 : 5000

PROJECT - PROJET

CM-66272

LONG RANGE RADAR SITE

CAM-3

SHEPERD BAY

NUNAVUT

TRADE - MÉTIER

SITING

DATE

21 JAN 02

SUBJECT - SUJET

SITE PLAN

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

DWG. NO. H-S123/1-8400-103

DESIGN NO.

101

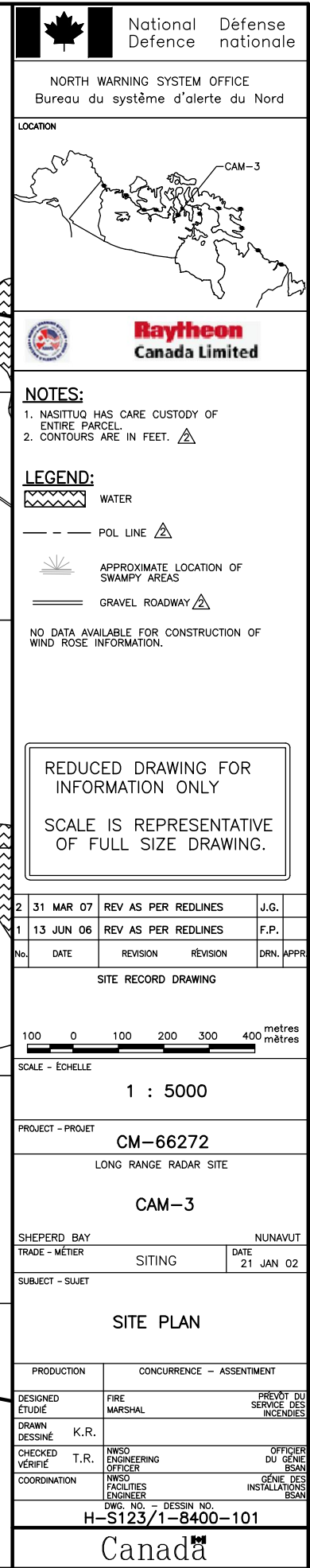
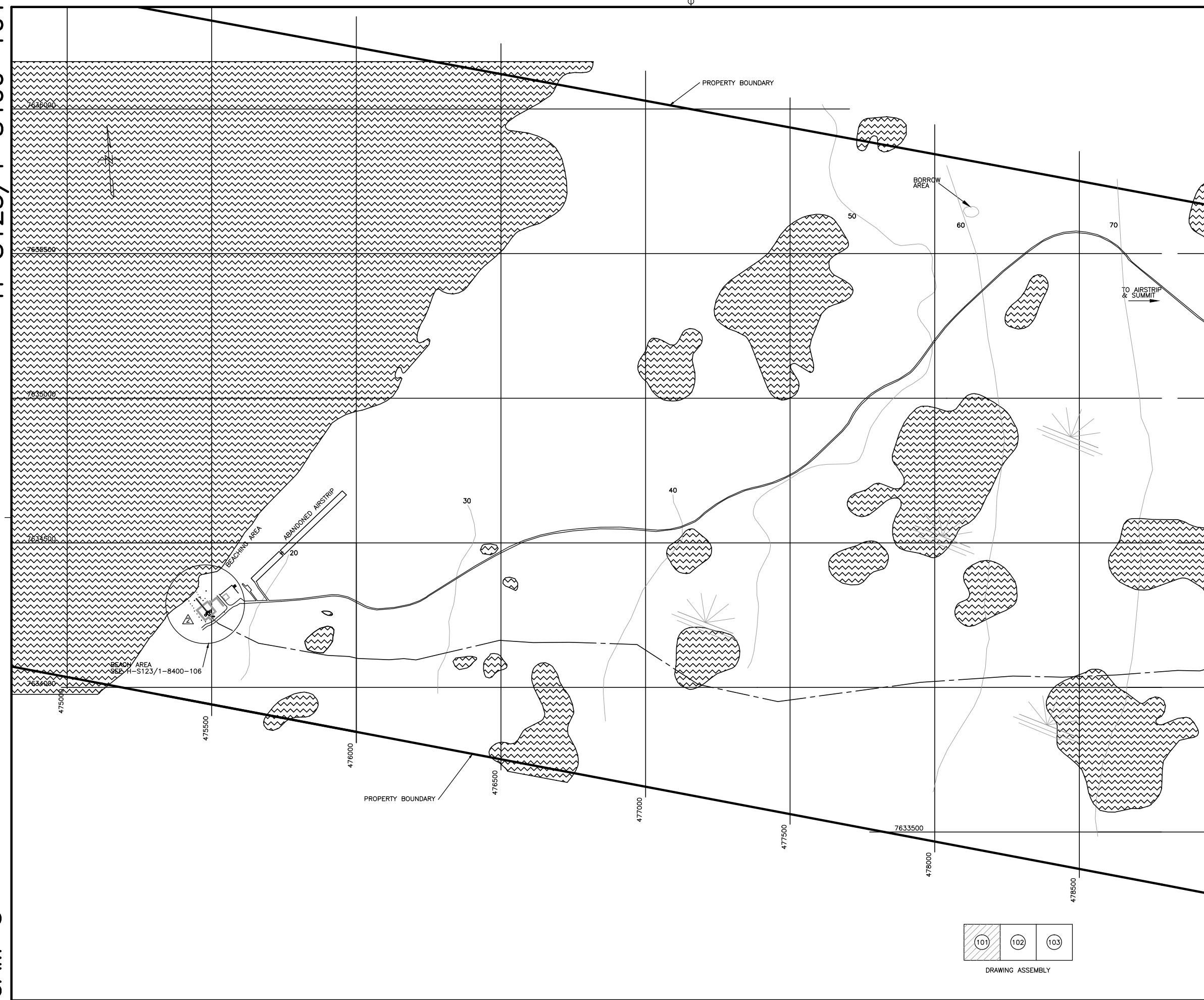
102

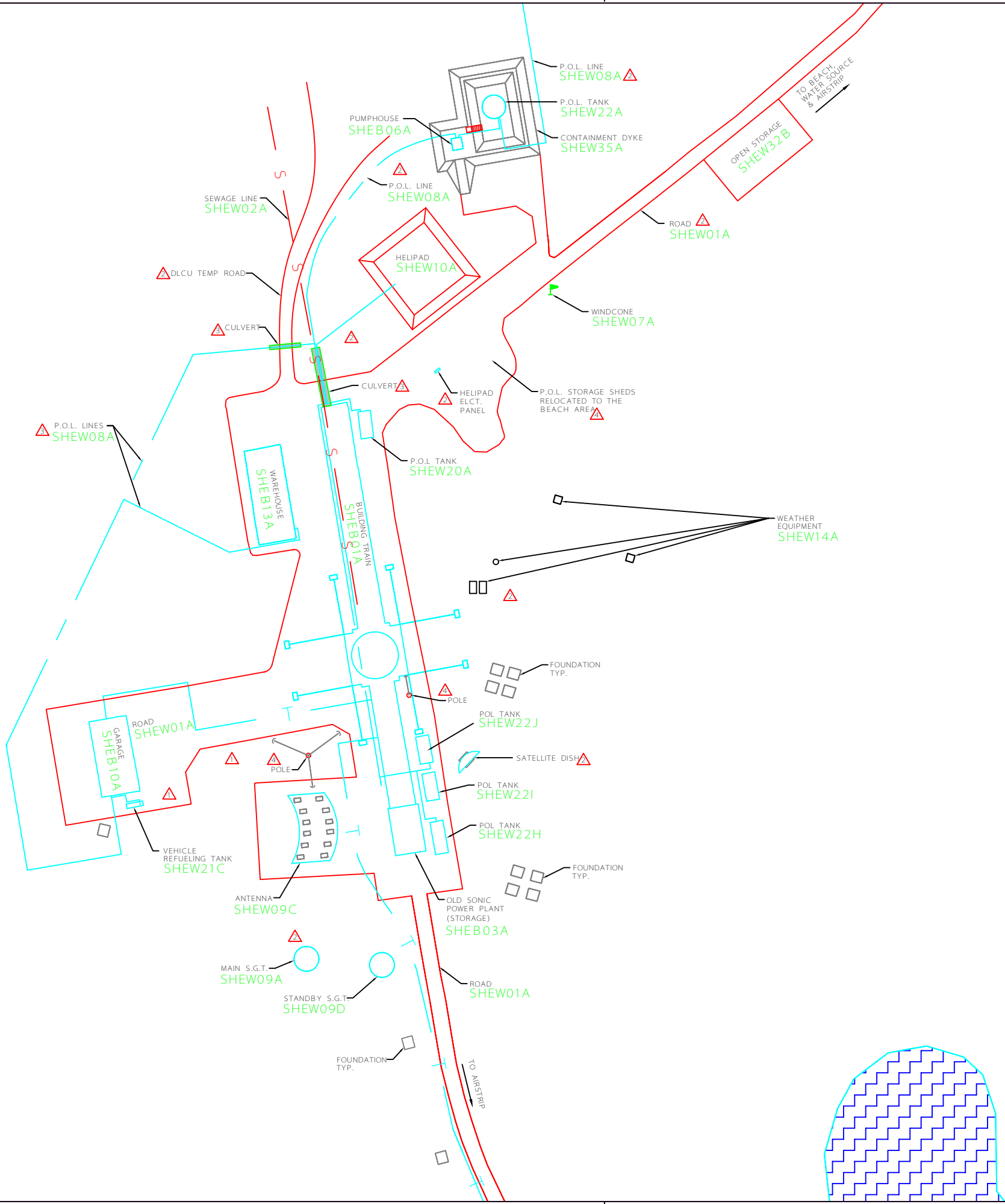
103

DRAWING ASSEMBLY

Canada





CAM-3





Raytheon
Canada Limited

LEGEND:

-  WATER/LAKE
-  P.O.L. LINE
-  SEWAGE LINE
-  COMMUNICATIONS LINE

REDUCED DRAWING FOR
INFORMATION ONLY

SCALE IS REPRESENTATIVE
OF FULL SIZE DRAWING.

4	16 AUG 13	REVISED AS PER SITE VISIT	M.J.	K.H.
3	06 OCT 10	REVISED AS PER W/O 59594	M.J.	G.D.
2	31 MAR 07	REV AS PER REDLINES	J.G.	
1	24 SEPT 04	REV AS PER NQ-12374	K.R.	
NO.	DATE	REVISION	REVISION	DRN. APPR.

SITE RECORD DRAWING



SCALE - ÉCHELLE

1 : 500

PROJECT - PROJET
CM-66272

LONG RANGE RADAR SITE

CAM - 3

SHEPHERD BAY
TRADE - MÉTIER
SITING

NUNAVUT
DATE
21 JAN 02

SUBJECT - SUJET
SUMMIT
LOCID PLAN


PRODUCTION	CONCURRENCE - ASSENTIMENT	
DESIGNED ÉTUDE	FIRE MARSHAL	PRÉVOT DU SERVICE DES INCENDIES
DRAWN DESSIN	K.R.	
CHECKED VÉRIFIÉ	T.R.	OFFICIER DU GÉNIE BSAN
COORDINATION	NWSO FACILITIES ENGINEER	GÉNIE DES INSTALLATIONS BSAN

DWG. NO. - DESSIN NO.
H-S123/1-8400-107

H-S123/1-8400-108

CAM-3



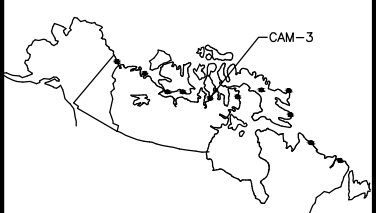



National
Defence

Défense
nationale

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


LOCATION





Raytheon
Canada Limited

LEGEND:

 WATER/LAKE

REDUCED DRAWING FOR
INFORMATION ONLY

SCALE IS REPRESENTATIVE
OF FULL SIZE DRAWING.

1	31 MAR 07	REV AS PER REDLINES	J.G.
No.	DATE	REVISION	DRN. APPR.

SITE RECORD DRAWING

50 0 50 100 150 200metres

metres

metres

SCALE - ÉCHELLE

1 : 2500

PROJECT - PROJET

CM-66272

LONG RANGE RADAR SITE

CAM-3

SHEPHERD BAY

NUNAVUT

TRADE - MÉTIER

SITING

DATE

21 JAN 02

SUBJECT - SUJET

AIRSTRIP
LOCID PLAN

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

DWG. NO.

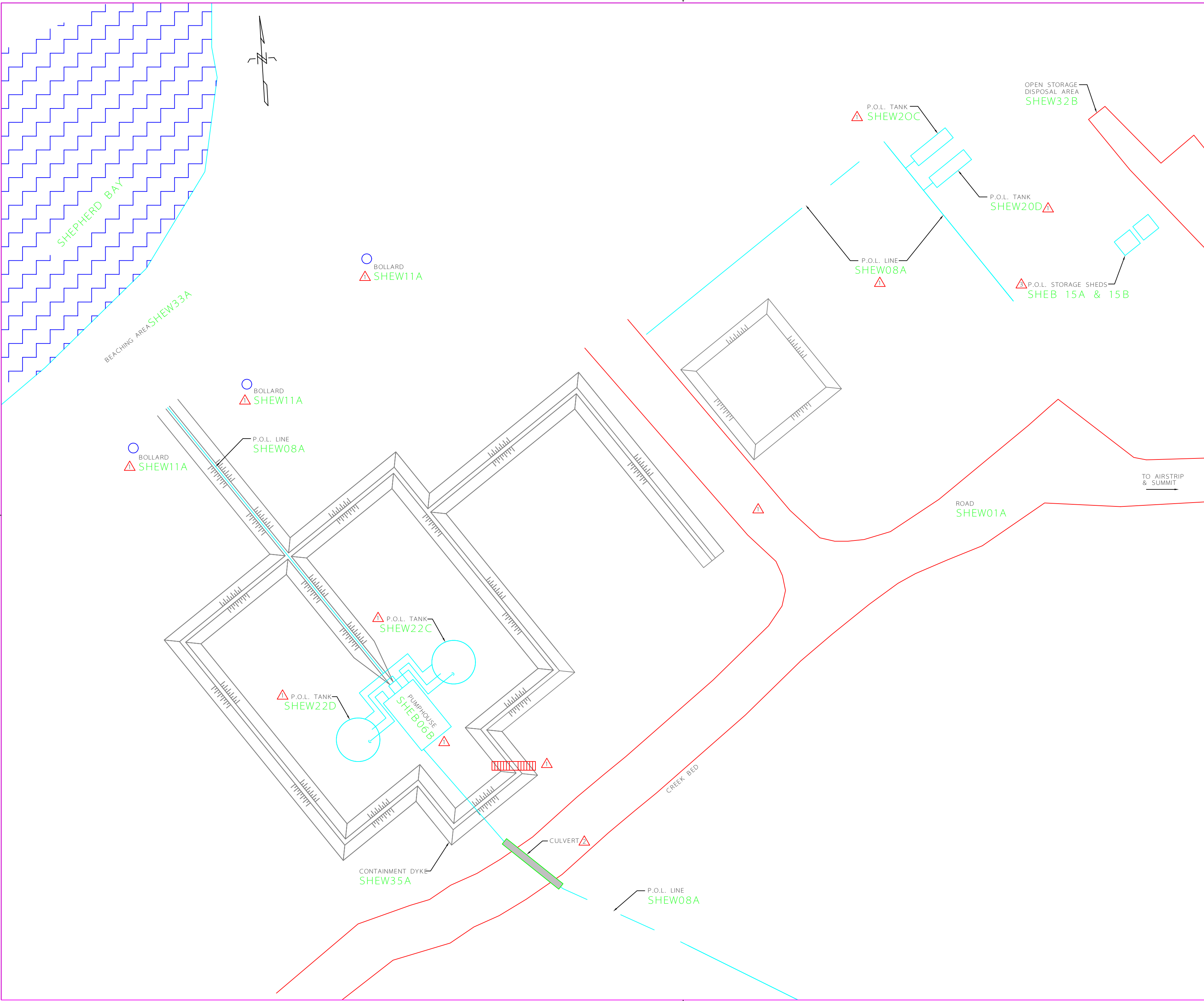
DESSIN NO.


H-S123/1-8400-108

Canada

H-S123/1-8400-109

CAM-3






National
Défence


Défense
nationale

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


LOCATION




CAM-3



LEGEND:

 WATER/LAKE


 P.O.L. LINE

REDUCED DRAWING FOR
INFORMATION ONLY

SCALE IS REPRESENTATIVE
OF FULL SIZE DRAWING.

3	16 AUG 13	REVISED AS PER SITE VISIT	M.J.	K.H.
2	06 OCT 10	REVISED AS PER W/O 5959	M.J.	G.D.
1	31 MAR 07	REV AS PER REDLINES	J.G.	
No.	DATE	REVISION	RÉVISION	DRN. APPR.

SITE RECORD DRAWING



5 0 5 10 15 20 metres
mètres

SCALE - ÉCHELLE

1 : 250

PROJECT - PROJET

CM-66272

LONG RANGE RADAR SITE

CAM-3

SHEPHERD BAY

NUNAVUT

TRADE - MÉTIER

SITING

DATE

21 JAN 02

SUBJECT - SUJET

BEACH
LOCID PLAN

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

DWG. NO. - DESSIN NO.

H-S123/1-8400-109

