

BUILDINGS TO BE REMOVED (PUMPHOUSE)

Sediment Pond  
max. 6,575 sq. m

SLOPE

SLOPE

RED QUONSET

NEW GARAGE

POWERHOUSE  
WATER STORAGE

OLD GARAGE

POL SHED

INCINERATOR

BUILDING 12

DND HADCS  
WAREHOUSE

WAREHOUSE

MAIN COMPLEX

DECK

PUMPHOUSE

METEOROLOGICAL  
INSTRUMENTS  
COMPOUND

CONTAMINATED E

BUILDING TO BE REMOVED  
(OLD TRANSIENT BARRACKS)

BUILDING TO BE REMOVED  
(FORMER BUNK HOUSE)

BUILDING TO BE REMOVED  
(FORMER MAIN COMPLEX)

HYDROGEN  
BUILDING

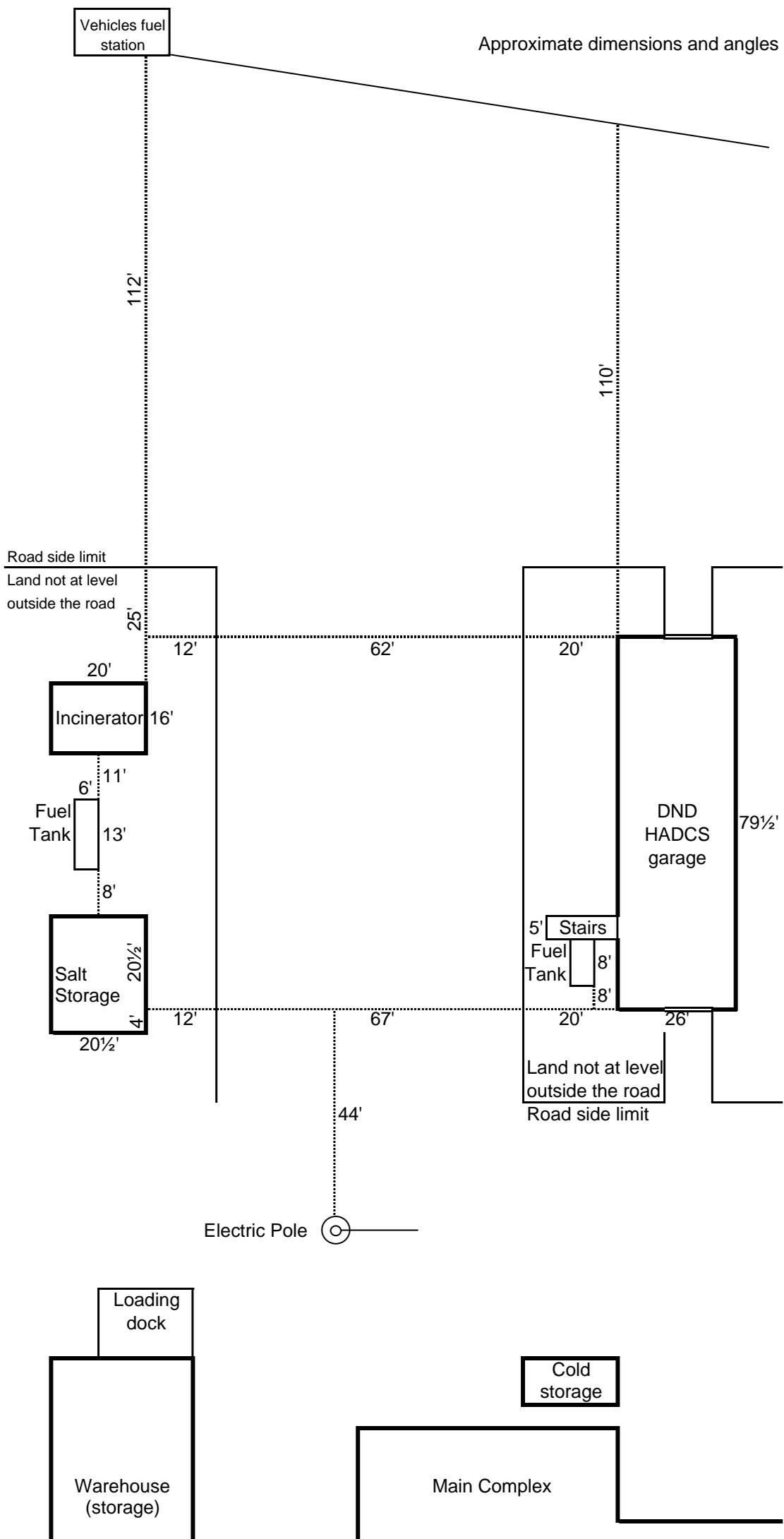
STORAGE SHED  
ORIGINAL QUONSET/  
STORAGE SHED

BUILDING TO BE REMOVED  
(BUILDING #17)

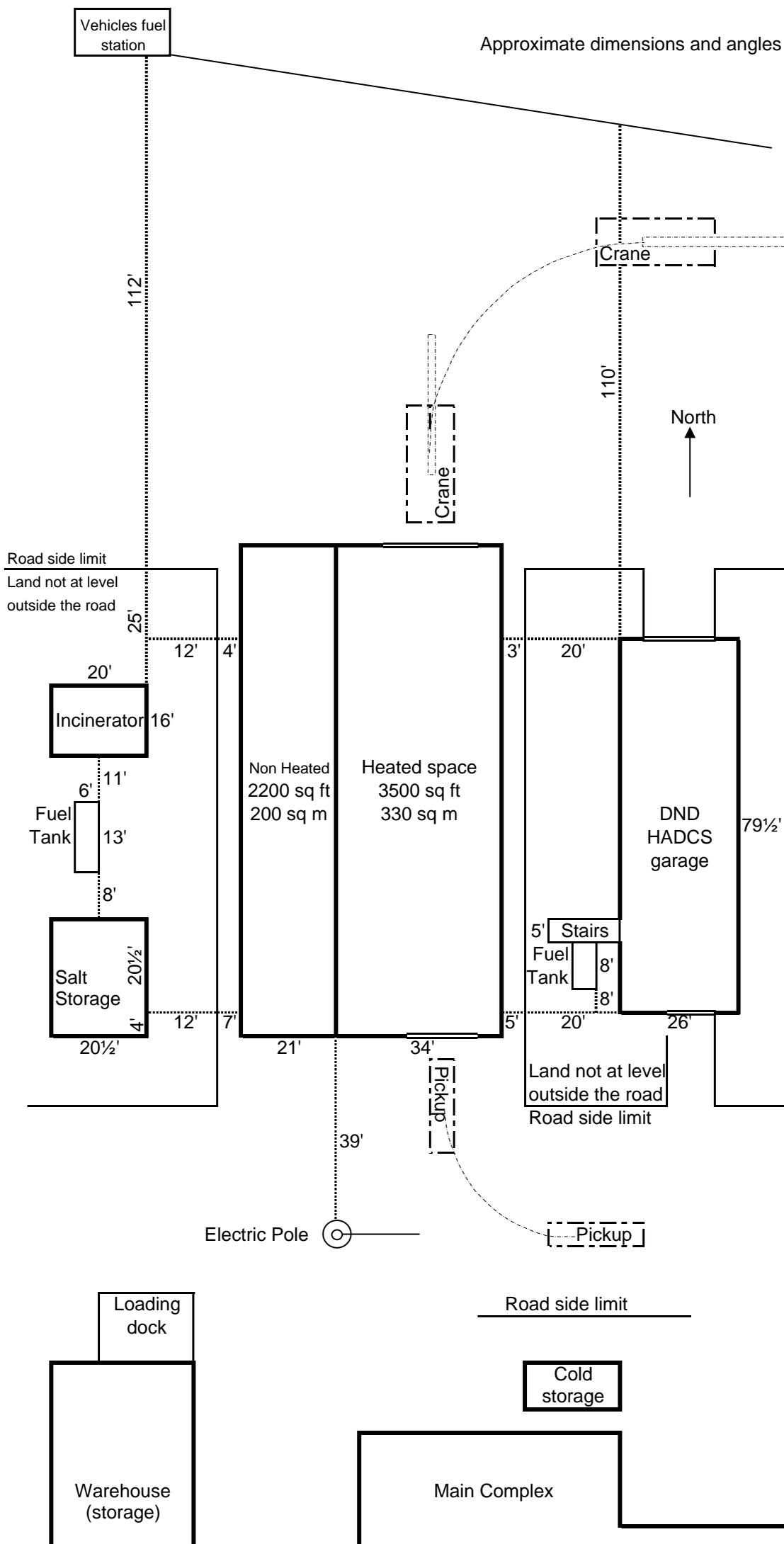
BUILDING TO BE REMOVED  
(CARPENTRY / PLUMBING SHOP)

PUMPHOUSE

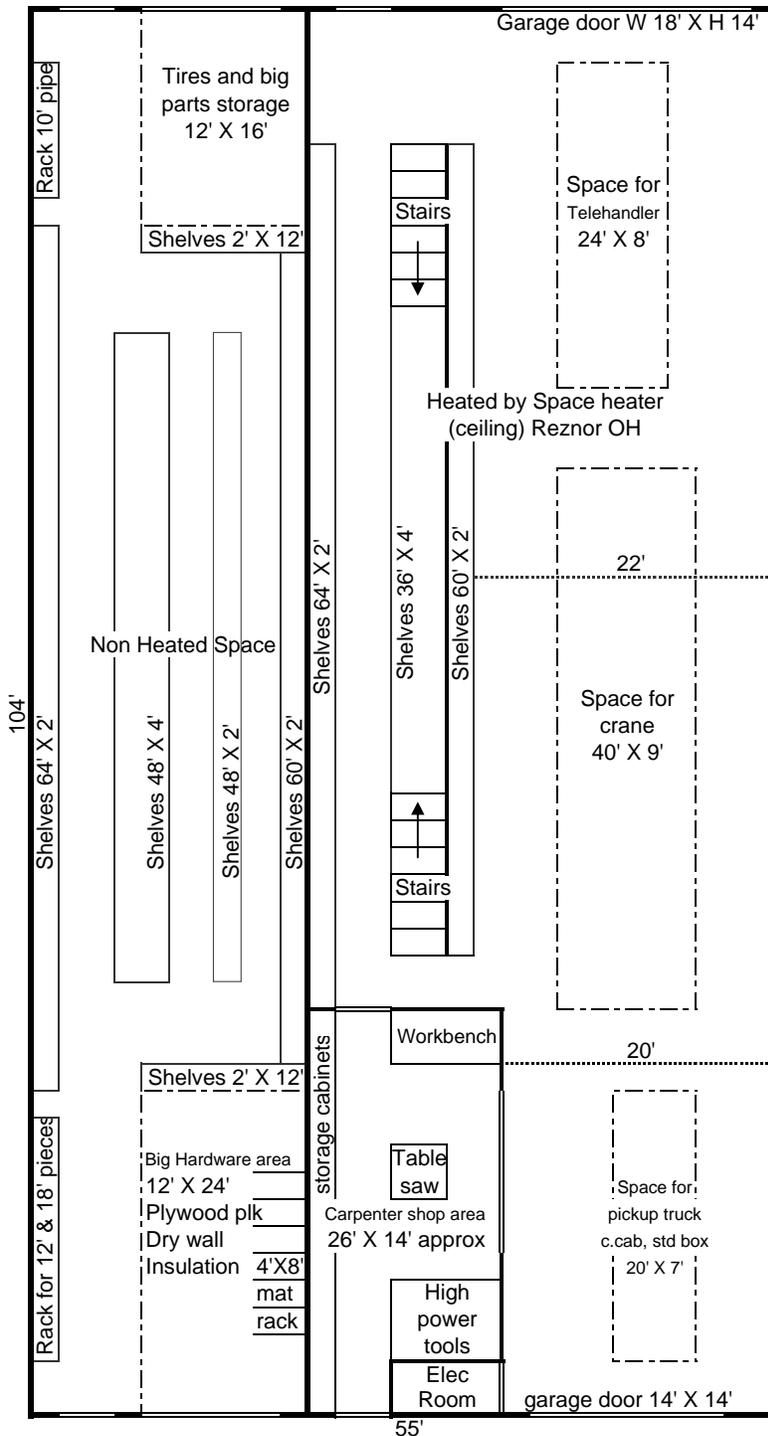
**Space available for the future Storage Building  
 Existing**



**Sketch of an optional footprint for the future Storage Building  
Option 3 - 330m<sup>2</sup> Heated & 200m<sup>2</sup> Non Heated**



**Eureka Future Storage Building layout for discussion. Design to be validated by architect and structural engineer**



Non heated storage area  
2200 sq ft or 200 sq m

Heated area for storage  
700 sq ft or 70 sq m approx gnd floor  
1200 sq ft or 110 sq m approx mezz

Subtotal storage area Heat & non heat  
4100 sq ft or 380 sq m approx

Heated area for vehicles, shop, stairs  
2800 sq ft or 260 sq m approx

Total building (including mezzanine)  
6900 sq ft or 640 sq m approx

Crane size (turning radius 43' 1")  
Heigh 11'-1"  
Long 38'-1-3/8"  
Width 8'-6"

Telhandler  
Lenght 7260 mm 23.81 ft  
Width 2425 mm 7.95 ft  
Height 3050 10.01 ft

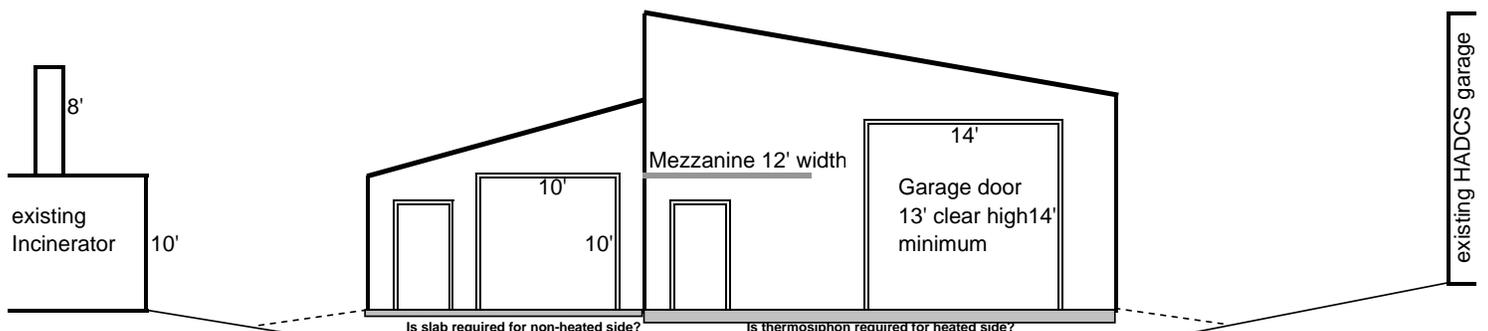
Pickup truck crew cab std box  
Turning circle 50' - 6"

Attention: Incinerator at west side. Total lenght of the stack 7'-6" ft over top of the incinerator 10'-1". No intake of fresh on the west side or near furnaces exhaust

Electricity 208V or 240V for tools, table saw, press drill.  
Is MIG welder 600V?

A system must be designed to avoid frost or dew in Non Heated section. Does heat loss from heated side are sufficient ? Ventilation required?

Approximate dimensions and angles.





HADCS

5.8







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# HIGH ARCTIC WEATHER STATION

## Visitor Permit Application

Visitors to Environment Canada High Arctic Weather Stations are required to complete the following documents:

- i) **Application Form** - Release, Waiver and Assumption of Risk and Indemnity
- ii) **Visitor Permit Request Form**

Once completed both forms should be sent by mail, fax or e-mail to:

[John.MacIver@ec.gc.ca](mailto:John.MacIver@ec.gc.ca)  
[EurekaWxStn@ec.gc.ca](mailto:EurekaWxStn@ec.gc.ca)  
[stationprogrammanager@ec.gc.ca](mailto:stationprogrammanager@ec.gc.ca)

Aerological and Surface Operational Programs  
Environment Canada  
Suite 150 - 123 Main Street  
Winnipeg, MB R3C 4W2

Fax: 204-984-2072

Canada



## **RELEASE, WAIVER AND ASSUMPTION OF RISK AND INDEMNITY**

I, (We)\*

(Individual or organization name)

hereby acknowledge and agree that in consideration of being granted use of the facilities owned and/or operated by Environment Canada:

1. I (We) do hereby release, Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents from all liability, and do hereby waive as against Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents, all recourse, claims, causes of action of any kind whatsoever, in respect of all personal injuries or property losses which I (We) may suffer arising out of or connected with the use of the facilities, aircraft, and vehicles, owned and/or operated by employees, independent contractors or agents of Environment Canada, except when such injuries or losses may have been caused by the willful acts or by the negligence of Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents.

2. And, I (We) do hereby acknowledge and agree:

a) that Arctic visitors are exposed to many risks and hazards, some of which are inherent in the very nature of the Arctic operations itself, others which result from but not limited to human error and negligence on the part of persons involved in operating and maintaining the facilities;

b) that, as a result of the aforesaid risks and hazards, I (We) as a user may suffer serious personal injury, even death, as well as property loss;

c) that some of the aforesaid risks and hazards are foreseeable, but others are not;

d) that I (We) understand that any fuel (aviation or motor) that may be purchased at Eureka, will be at our own risk and take full responsibility for its use. I (We) will not hold Environment Canada, Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents liable for any consequences it may cause.

e) that I (We) nevertheless, freely and voluntarily, assume all the aforesaid risks and hazards, and that, accordingly, my (our) use of the facilities, aircraft, and vehicles, owned and/or operated by employees, independent contractors or agents of Environment Canada shall be entirely at my own risk;

f) that I (We) understand that neither Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents assume any responsibility whatsoever for my safety during the course of my (our) use of the facilities, aircraft, and vehicles, owned and/or operated by employees, independent contractors or agents of Environment Canada;

g) that I (We) have carefully read this **RELEASE, WAIVER AND ASSUMPTION OF RISK AND INDEMNITY** agreement, that I (We) fully understand same and that I (We) am (are) freely and voluntarily executing same;



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h) that I (We) understand clearly that by signing this **RELEASE, WAIVER AND ASSUMPTION OF RISK AND INDEMNITY** agreement that I (We) will be forever prevented from suing or otherwise claiming against Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents and do hereby indemnify Her Majesty the Queen in right of Canada, Her heirs, successors, officers, employees, servants, independent contractors and agents for any loss or damage connected with any property loss or personal injury that maybe sustained as a result of the use of the facilities owned and/or operated by employees, independent contractors or agents of Environment Canada, except where such loss or injury is caused solely or partly by negligence on the part of the heirs, successors, officers, employees, servants, independent contractors and agents to any of the persons who are by virtue of this **RELEASE, WAIVER AND ASSUMPTION OF RISK AND INDEMNITY** entitled to the use of the said facilities;

i) that I (We) understand clearly that personal firearms are not allowed on the station at any time. Firearms brought onto the station for use in legitimate scientific research are to be used for that purpose only. All firearms are to be reported to the Station Program Manager upon arrival;

j) that I (We) understand clearly that Environment Canada, would not permit use of the facilities, aircraft, and vehicles, owned and/or operated by employees, independent contractors or agents of Environment Canada, unless I (We) signed this **RELEASE, WAIVER AND ASSUMPTION OF RISK** agreement;

k) that this **RELEASE, WAIVER AND ASSUMPTION OF RISK** agreement is binding on myself (ourselves), heirs executors, administrators, personal representatives and assigns.

DATED this day of \_\_\_\_\_, 20\_\_, at

APPLICANT'S NAME (Please print)

WITNESS

X	X
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APPLICANT'S SIGNATURE

WITNESS

NAMES OF MEMBERS IN PARTY, TITLE & CITIZENSHIP (attach a separate list if necessary):





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**VISITOR PERMIT REQUEST FORM**  
**HIGH ARCTIC WEATHER STATIONS**  
**ENVIRONMENT CANADA**

APPLICANT

MAILING ADDRESS

PHONE NO. / FAX NO.

EMAIL

PURPOSE OF VISIT

IDENTIFICATION:

You are required to self identify in which category you belong.

- Continuing Research Programs  
(On going studies that have been on-going at  
Eureka in previous years) \_\_\_\_\_
- Canadian Researchers \_\_\_\_\_
- Non-Canadian researchers \_\_\_\_\_
- Tourists \_\_\_\_\_
- Facilities/Maintenance Project \_\_\_\_\_
- Other Canadian Government Department \_\_\_\_\_



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**VISITOR PERMIT REQUEST FORM  
HIGH ARCTIC WEATHER STATIONS  
ENVIRONMENT CANADA**

Total Number in Party  Number of Males:  Number of Females:

Anticipated Arrival  Date:  Time:

Anticipated Departure  Date:  Time:

Length of Stay

Services Requested as per attached Schedule of Fees (attach a separate list if necessary):

Calculated Costs as per attached Schedule of Fees:  \$

\*Payment must be made by credit card, either by Master Card or Visa only at the time of visit.  
All other forms will require advance payment.

NAME OF CARRIER:

VISIT SPECIFICS:  

(e.g. Joe Brown & 3 techs, Dept. of Energy, fuel/power audit of station power system for Environment Canada.)



**Eureka Weather Station**  
User Charges  
April 01, 2014 – March 31, 2015

	<b><u>OGD</u></b>
<b>Meals</b>	
Breakfast	45.00
Lunch	45.00
Dinner	95.00
<b>Accommodations</b>	
Per Bed per Night	175.00
<b>Comprehensive Daily Charge</b>	<b>360.00</b>
<b>F831 Accommodations</b>	20.00
Per Bed per Night	
<b>Daily Station Usage Fee (Shower &amp; Laundry)</b> per person if not staying at station	20.00
<b>Hydro</b> per KWH	0.740
<b>Drum Handling Fee</b>	35.00
<b>Labour</b> Per Hour (3 hour minimum may apply)	95.00
<b>Vehicle per hour including driver</b>	
Light Wheeled Vehicle (Transportation to or from airstrip - 1 hour minimum either way)	105.00
Grader	140.00
Front End Loader	140.00
Bull Dozer	185.00
<b>Aircraft Movements</b> (each per landing or take off)	
Light Aircraft	115.00
Heavy Aircraft	345.00
<b>Diesel &amp; Mo Gas (per litre)</b>	5.00