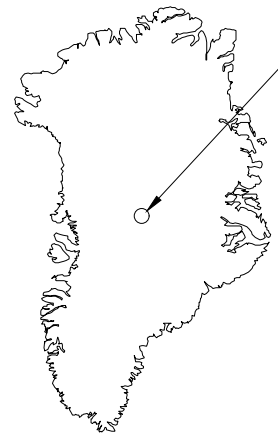




# SUMMIT STATION GREENLAND

## SUMMIT STATION LAYOUT 2023



SUMMIT STATION

5 RED THRESHOLD MARKERS EACH END BOTH SIDES

AUGUST 2023  
GRID APPROACH 08  
72° 34.900' NORTH  
38° 28.118' WEST  
ELEVATION 10,519FT.

HIGH-SPEED TURNAROUND  
175 FT RADIUS

223° 59' 01" TRUE (2023)  
282° 24' 12" GRID (2023)  
EXISTING MARKER TO MARKER x 15.815

08

WINDSOCK

270FT

TAXIWAY B

UTILITY VAULT 2

70K MOD 2022

BERTHING MODULE OUTFALL

BERTHING MODULE

VAULT 1

FISH HUT VILLAGE  
FEEDER POLE

FREEZER TRENCH

BIG HOUSE

BIG HOUSE OUTFALL

SCIENCE "D" PANEL

FUEL TANKS

SUMMIT MOBILE GARAGE (SMG)

SNOW MELTER

ROBIN

MINI S

SMOBILE

TRANSITIONAL

TRANSFORMER SUBSTATION (TTS)

HOME DEPOT

TUL-KRIB

SAUNA

POWER DISTRIBUTION HUT (D-SHACK)

ELEVATED EMERGENCY GENERATOR (E-SHACK)

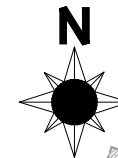
MSF (APPROX. LOCATION)

MSF POWER POLE

3 BLACK SKIWAY  
EDGE VISIBILITY MARKERS  
400FT. SPACING BOTH SIDES

DISC BORE HOLE SITE

CARGO BERM



1/2 MILE VISIBILITY BOARD

(EXTENDS 5KM)

(EXTENDS 5KM)

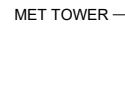
(EXTENDS 5 KM)

(EXTENDS 5 KM)

(EXTENDS 5 KM)

GISP 2 BORE HOLE SITE

AWO



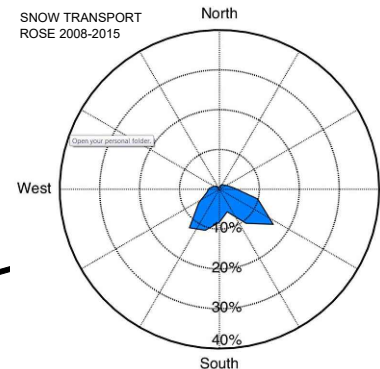
MET TOWER

UNDISTURBED SNOW

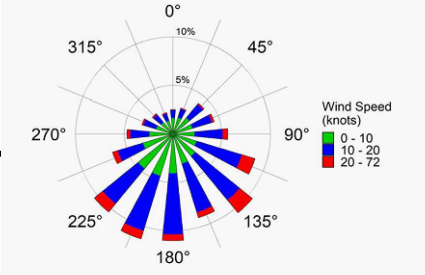
CLEAN CAMPAIGN SECTOR

CLEAN CAMPAIGN SECTOR

CLEAN AIR SECTOR



Summit Station Wind Speed and Direction  
NOAA 10-meter anemometer, 2009-2021



Summit Station



STANTEC CONSULTING INC.  
725 EAST FIREWED LANE, SUITE 200  
ANCHORAGE, ALASKA 99503  
TEL: 907.562.4240  
WWW.STANTEC.COM  
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Revision	By	App'd	YYYY-MM-DD

Permit/Seal



Project No.: 2047074300

File Name: SMI-C2\_DEC-2023

Scale:

Dwn. Dign. Chkd. YYYY-MM-DD

Title  
SUMMIT STATION  
SITE PLAN  
2023 UPDATE

Revision:0 Sheet: 2 of 7

Drawing No.

C-2



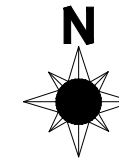
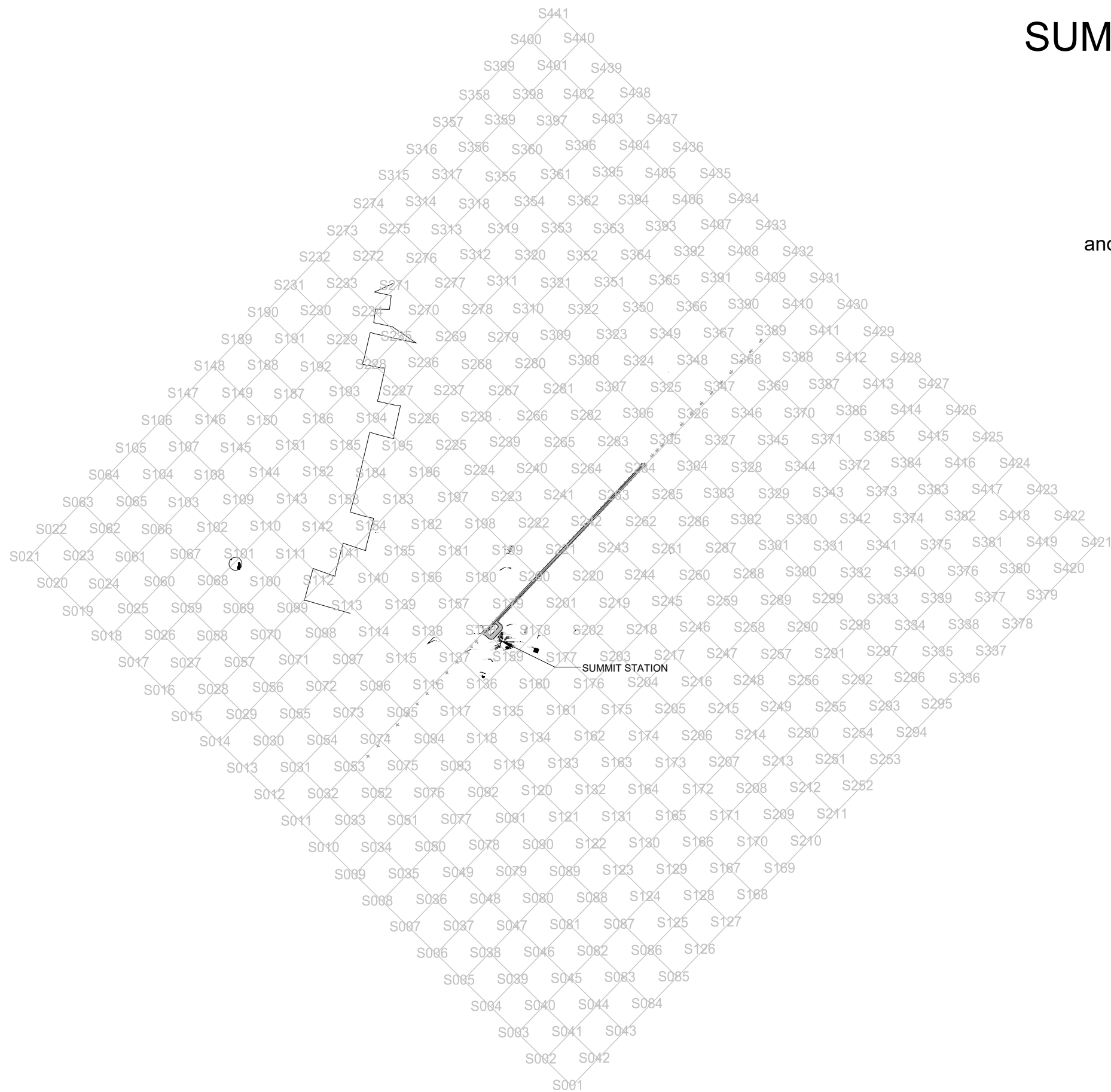


# SUMMIT SKIWAY / STATION LAYOUT 2023

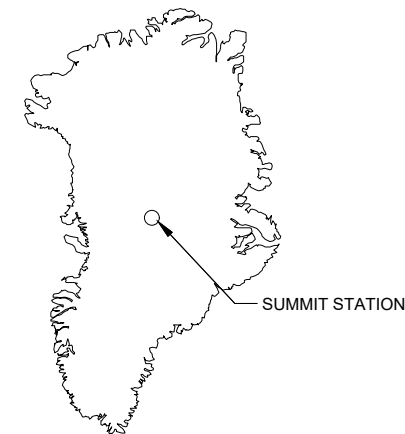
SUMMIT STATION GREENLAND

# SUMMIT STATION SAR GRID

SUMMIT STATION GREENLAND



Grid is based on centerline of skiway  
and extends 5 miles from Midpoint of skiway  
Grid spacing is at 1/2 mile increments



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25 EAST FIREWED LANE, SUITE 200  
ANCHORAGE, ALASKA 99503  
TEL: 907.276.6240  
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Summit Station

Project No.: 2047074300

File Name: SMT-CS\_DEC-2023

Scale:

Dwn. Dign. Chkd. YYYY-MM-DD  
01/22/2024

Title

SUMMIT STATION  
SAR GRID  
2023 UPDATE

Revision:0 Sheet: 5 of 7

Drawing No.

**C-5**

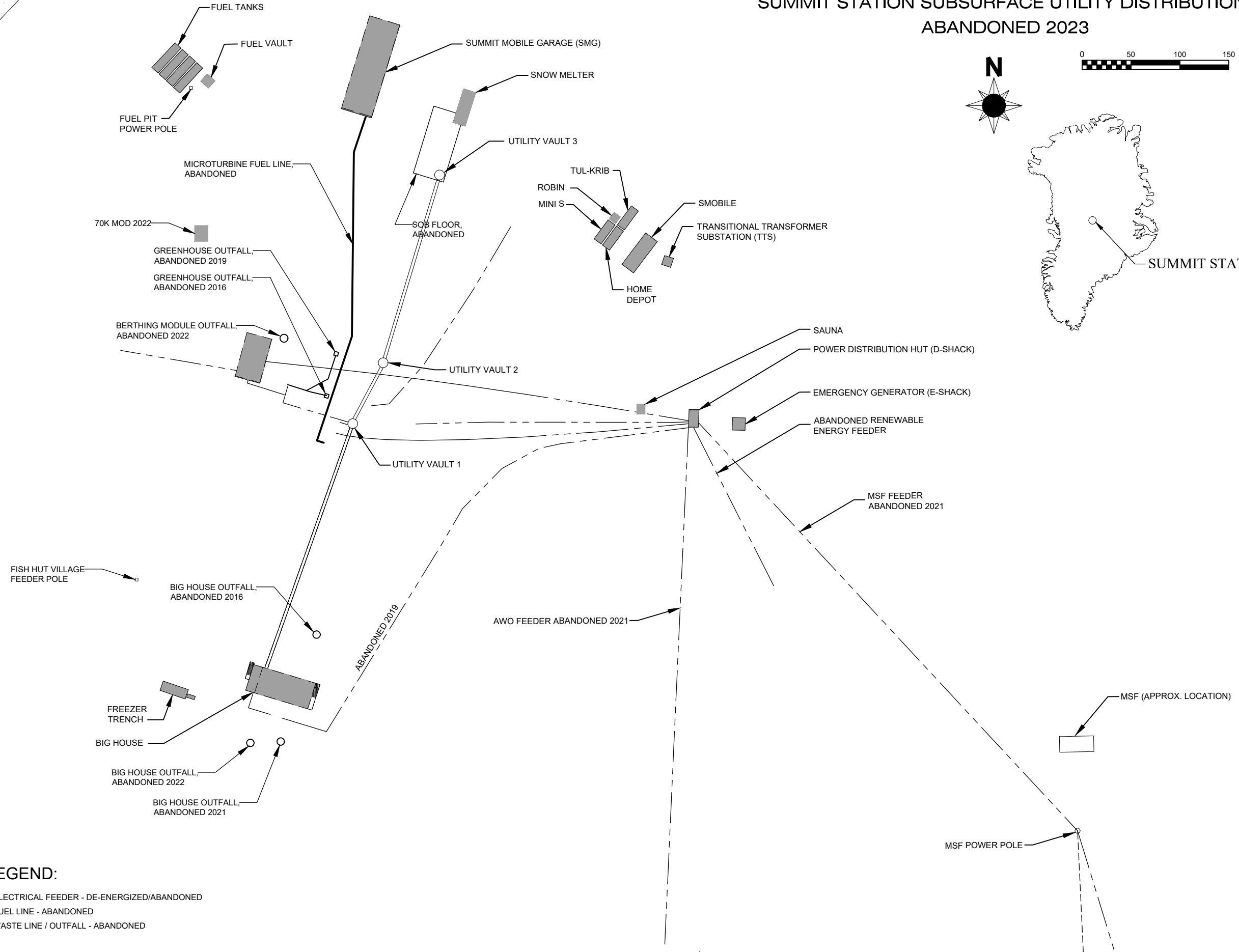
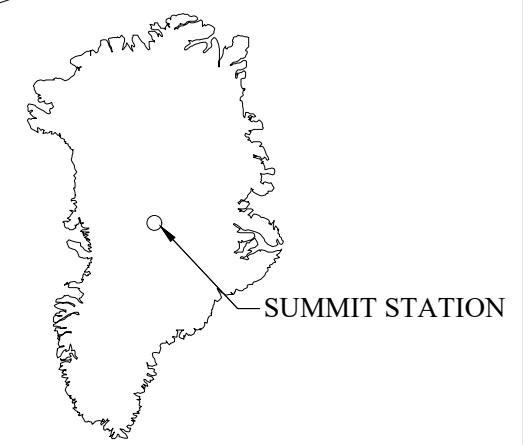
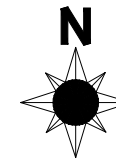
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# SUMMIT STATION GREENLAND

## SUMMIT STATION SUBSURFACE UTILITY DISTRIBUTION

### ABANDONED 2023



**LINETYPE LEGEND:**

	ELECTRICAL FEEDER - DE-ENERGIZED/ABANDONED
	FUEL LINE - ABANDONED
	WASTE LINE / OUTFALL - ABANDONED

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725 EAST FIREWED LANE, SUITE 200  
ANCHORAGE, ALASKA 99503  
TEL: 907.562.4240  
WWW.STANTEC.COM  
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ARCTIC RESEARCH SUPPORT AND  
LOGISTICS SERVICES

Revision	By	App'd	YYTMMDD

Permit/Seal

Battelle Arctic Research Operations  
Summit Station

Project No.: 2047074300
File Name: SMT-CB_DEC-2023
Scale:
01/22/2024
Dwn: Dign: Chkd: YYYYMMDD
Title: SUBSURFACE UTILITY DISTRIBUTION ABANDONED 2023 UPDATE
Revision: 1 Sheet: 7 of 7
Drawing No. <b>C-8</b>

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