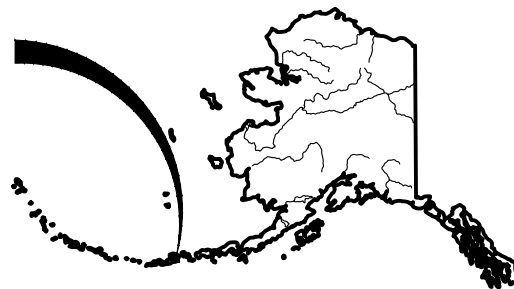
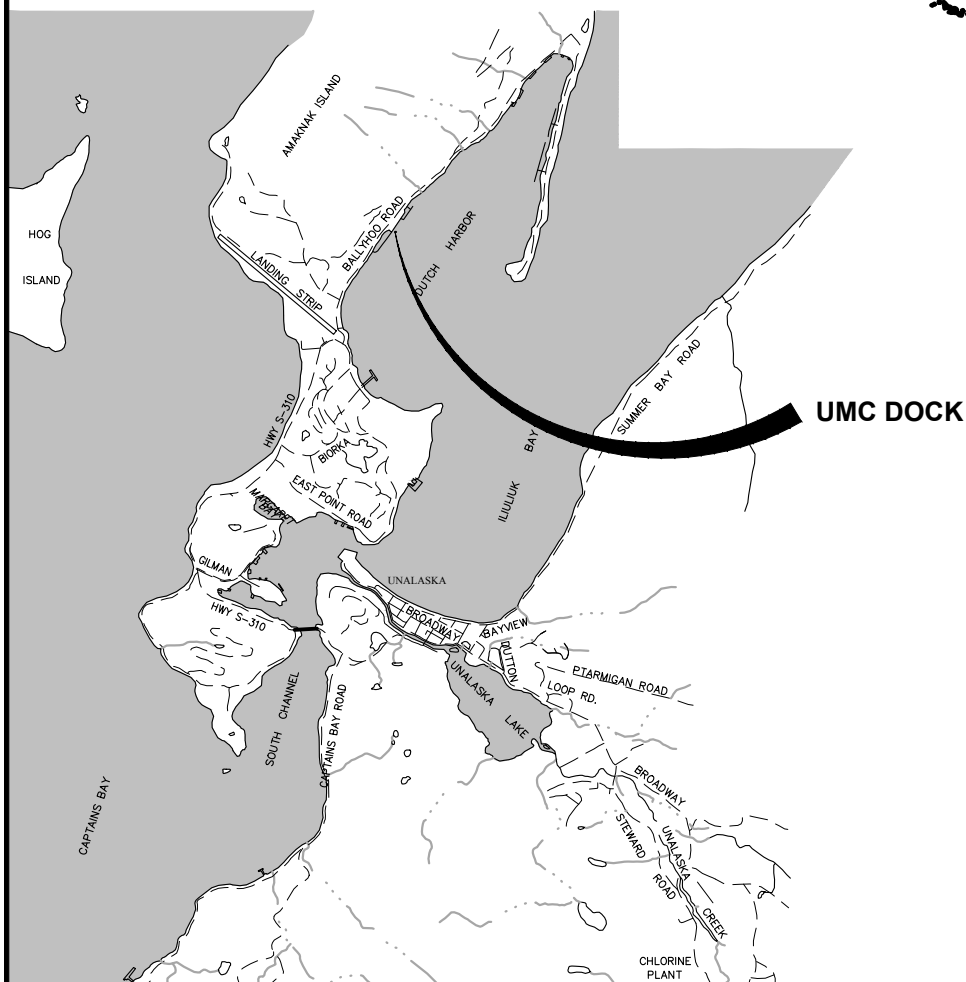


PROJECT
LOCATION



LOCATION MAP



0 2500 5000 7500 FT

HTL.....+6.7'
MHW.....+3.3'
MLLW.....+0.0

PURPOSE:
PERFORM DOCK FACE
SCREEDING AT THE UMC DOCK

DATUM: MLLW = 0.0'

LAT: 53.9030° N
LONG: -166.5270° W
S: 35 T: 72S R: 117W
SEWARD MERIDIAN

VICINITY MAP

POA-XXXX-XXXX

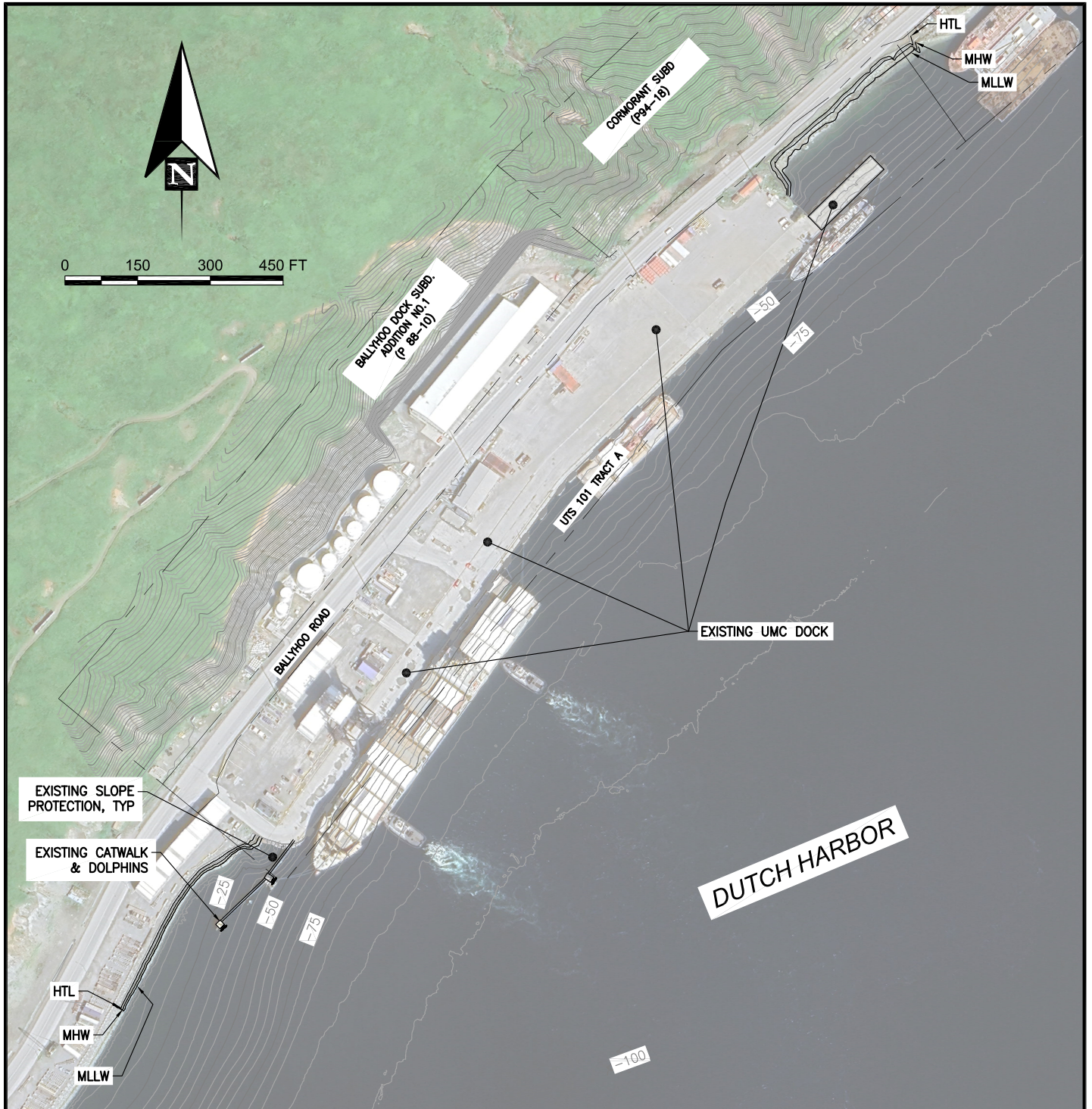
CITY OF UNALASKA
DEPARTMENT OF PUBLIC WORKS
PO BOX 610
UNALASKA, AK 99685

**UNALASKA MARINE
CENTER (UMC) DOCK
SCREEDING**

IN: DUTCH HARBOR

07/22/24

SHEET **1** of **5**



PURPOSE:
PERFORM DOCK FACE
SCREEDING AT THE UMC DOCK

DATUM: MLLW = 0.0'

LAT: 53.9030° N
LONG: -166.5270° W
S: 35 T: 72S R: 117W
SEWARD MERIDIAN

EXISTING SITE PLAN

POA-XXXX-XXXX

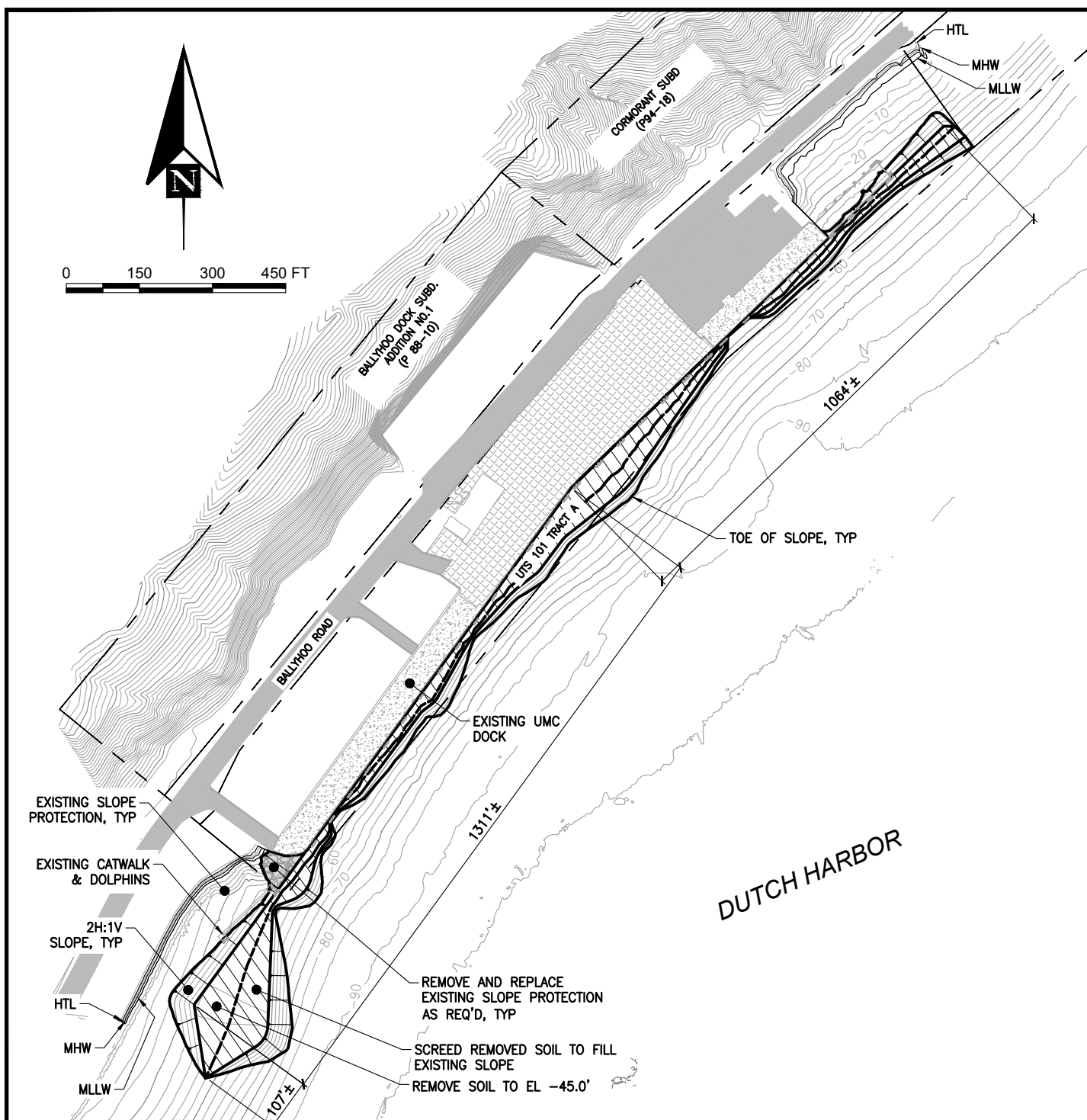
CITY OF UNALASKA
DEPARTMENT OF PUBLIC WORKS
PO BOX 610
UNALASKA, AK 99685

UNALASKA MARINE CENTER (UMC) DOCK SCREEDING

IN: DUTCH HARBOR

07/22/24

SHEET **2** of **5**



PURPOSE:
PERFORM DOCK FACE
SCREEDING AT THE UMC DOCK

DATUM: MLLW = 0.0'

LAT: 53.9030° N
LONG: -166.5270° W
S: 35 T: 72S R: 117W
SEWARD MERIDIAN

NEW SITE PLAN

POA-XXXX-XXXX

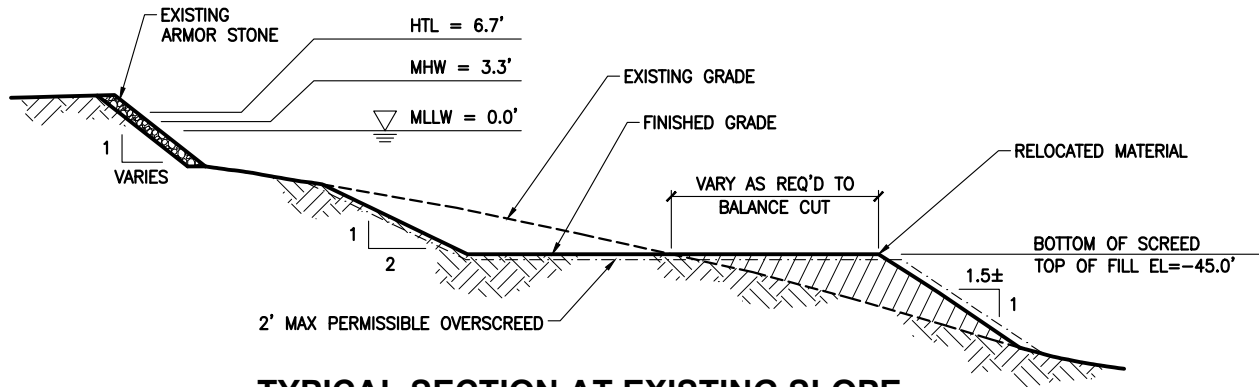
CITY OF UNALASKA
DEPARTMENT OF PUBLIC WORKS
PO BOX 610
UNALASKA, AK 99685

UNALASKA MARINE CENTER (UMC) DOCK SCREEDING

IN: DUTCH HARBOR

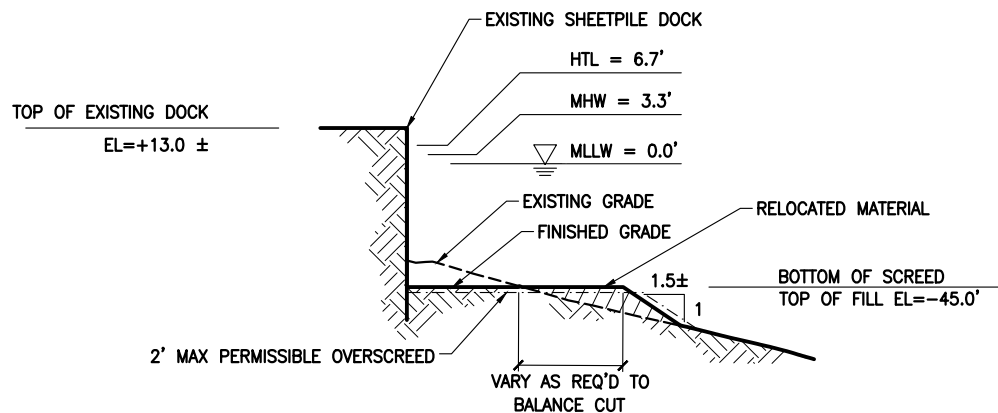
07/22/24

SHEET **3** of **5**



TYPICAL SECTION AT EXISTING SLOPE

NTS



TYPICAL SECTION AT EXISTING SHEETPILE DOCK

NTS

PURPOSE:
PERFORM DOCK FACE
SCREEDING AT THE UMC DOCK

DATUM: MLLW = 0.0'

LAT: 53.9030° N
LONG: -166.5270° W
S: 35 T: 72S R: 117W
SEWARD MERIDIAN

DETAILS

POA-XXXX-XXXX

CITY OF UNALASKA
DEPARTMENT OF PUBLIC WORKS
PO BOX 610
UNALASKA, AK 99685

UNALASKA MARINE CENTER (UMC) DOCK SCREEDING

IN: DUTCH HARBOR

07/22/24

SHEET **4** of **5**

QUANTITIES				
	PROJECT TOTAL	BELOW HTL	BELOW MHW	BELOW MLLW
SCREED VOLUME (CY)	12,900	12,900	12,900	12,900
FILL VOLUME ² (CY)	15.500	15.500	15.500	15.500
SCREED AREA (ACRES)	2.00	2.00	2.00	2.00
FILL AREA (ACRES)	2.32	2.32	2.32	2.32
ARMOR STONE ⁵ (CY)	490	490	490	490
MAX ADDITIONAL OVERSCREED VOLUME (CY)	7,200	7,200	7,200	7,200
MAX ADDITIONAL OVERSCREED FILL ² VOLUME (CY)	8,600	8,600	8,600	8,600
MAX ADDITIONAL OVERSCREED AREA (ACRES)	0.54	0.54	0.54	0.54
MAX ADDITIONAL OVERFILL AREA (ACRES)	0.60	0.60	0.60	0.60

NOTES:

1. MATERIAL SHALL BE SCREEDED OFFSHORE TO ACHIEVE THE DESIGN BASIN DEPTH (i.e. MATERIAL SHALL REMAIN SUBMERGED)
2. SCREED AND FILL ARE BALANCED. FILL VOLUME BASED ON SCREED VOLUME MULTIPLIED BY 1.2 FLUFF FACTOR
3. THE TARGET DESIGN SCREED ELEVATION IS -45.0'
4. THE MAXIMUM OVERSCREED DEPTH IS 2.0' BELOW DESIGN ELEVATION. "MAX ADDITIONAL OVERSCREED" QUANTITIES ASSUME THE ENTIRE PROJECT FOOTPRINT IS OVERSCREEDED (CONSERVATIVE)
5. EXISTING ARMOR STONE ON THE SOUTHWEST END OF THE UMC DOCK SHALL BE SALVAGED FOR REUSE; HOWEVER, SOME ADDITIONAL MATERIAL MAY BE REQUIRED. THE QUANTITY ABOVE CONSERVATIVELY ASSUMES ONLY 50% SALVAGE IS REUSABLE

PURPOSE:
PERFORM DOCK FACE
SCREEDING AT THE UMC DOCK

DATUM: MLLW = 0.0'

LAT: 53.9030° N
LONG: -166.5270° W
S: 35 T: 72S R: 117W
SEWARD MERIDIAN

QUANTITIES

POA-XXXX-XXXX

CITY OF UNALASKA
DEPARTMENT OF PUBLIC WORKS
PO BOX 610
UNALASKA, AK 99685

**UNALASKA MARINE
CENTER (UMC) DOCK
SCREEDING**

IN: DUTCH HARBOR

07/22/24

SHEET **5** of **5**