



Memo

To: Glenn Steckman – City Manager
From: Joy L. Baker – Port Director *JLB*
CC: Mayor Handeland & Common Council; Port Commission
Date: December 10, 2021
Re: Monthly PD Report/Capital Projects Update – December 2021

Administrative:

Staff have wrapped up all 2021 invoicing, and switched gears to issuing payment reminders to minimize the number of accounts that will go to collections/impoundment in Jan 2022. Payments have been pushed to the Clerk's Office (thank you), leaving HM Stotts to tackle winter tasks of inventory, tracking, compliance, maintenance needs, planning, purchasing, training and scheduling for 2022. Based on the snowstorm impacts thus far, Lucas has already been assisting Public Works in clearing the roads.

The Port Commission will have a Work Session at 5:30pm on Thursday, 16 Dec 2021 to review and discuss potential changes to the Port Tariff, including expanding the rate schedule for exporting gravel/rock materials, followed by a Regular Meeting at 7:00 pm.

Causeway:

Arctic Deep Draft Port – Nome Modifications Pre-Construction Engineering & Design (PED):

Corps/City project managers monitor cost-share updates, schedule, and any necessary budget changes as the federal features (breakwaters/dredging) move through the design phase. Documents reflecting the City's intent to provide work-in-kind efforts are still in the drafting stage while each party determines the most effective coordination plan for construction. This will inform how the Project Partnership Agreement (PPA) is structured for construction.

Local Service Facilities (LSF) Design Integration:

Bi-weekly meetings continue with the Corps and City design teams for integrating elements of joining the docks, roads and utilities into the Corps' extension foundation. Design criteria is under review by each design team to ensure all aspects of quality are met. PND presented conceptual deep- water basin dock options to the Port Commission on 18 Nov 2021. After some deliberation, the Commission passed a Motion (attached) to modify the 3 individual deep-water basin docks into one L-shaped dock. This creates more dock space and uplands, eliminates the need for costly mooring dolphins, and provides safe access to all mooring bollards with increased capacity for buried utilities.

- Anyone with questions on this project can call 907-304-1905 or email jbaker@nomealaska.org. Further info on the project study is located on the Port of Nome page at www.nomealaska.org.

Sediment at Causeway Bridge:

The Corps is still working through the process of obtaining an official waiver from HQ to secure permission to partner with the City to use real estate owned by SNC/BSNC adjacent to the project to stockpile sediment

during excavation. Once granted the waiver, the Alaska District will offer this option to the contractor that holds the annual dredging contract. If accepted, the contractor may elect to do the work or sub-out.

Harbor:

Inner Harbor CAP 107 Study (Deepen/Widen the Inner Basin):

This project has encountered a hurdle with the Pacific Ocean Division (POD) directing the Alaska District to pursue de-authorization of portions of the federal dredge footprint in the Nome Harbor, along with the East and South Dock sheet pile faces, making them local responsibilities. These requirements have been identified as necessary steps based on the recommended alternative (#4). This efforts require congressional authorization which takes time. There is an option to revert back to a lower alternative, which does not include a retrofit to the South Dock, leaving this dock with a lower loading capacity than is needed for commercial operations. Discussion with the Corps continue, in an effort to find a more suitable solution that works for the sponsor and the government.

Concrete Launch Ramp Replacement Project:

The launch ramp project is now lying dormant for winter at 97% completion, with the remaining work scheduled for late spring/early summer of 2022. Based on the construction inspection performed by John Blees (City Engineer) and Garth Howlett (Project Designer) on 25 Oct 2021, the contractor has submitted the attached documents acknowledging the punch list of items (also attached) that must be completed by the contractor to close out the project – which includes a handwritten note on the extraordinary efforts by HM Lucas Stotts, and his Assistant HM, Chris Schuneman. The balance of the EDA grant will fund the remaining work, with engineering/inspection costs coming in under budget.

Snake River Moorage & Vessel Haulout Facility:

City personnel continue to search for applicable grant programs that will serve as a suitable funding vehicle to develop this project. This project becomes increasingly important as the growing inner harbor fleet puts more demand on the infrastructure, essentially interfering with efficient cargo/fuel shipments, as well as limiting vessel refueling opportunities which continue to drive operating costs.

Port Industrial Pad:

West Nome Tank Farm (Property Conveyance):

The City has been in recent contact with USAF personnel, both at the local installation level (JBER) and the WA DC (HQ) level, in an effort to get the property conveyance back on track and moving forward. More info on that timeline will be shared as known. In the meantime, the City and NJUS continue collaborating on development of the site for use as vessel/equipment storage, and as a relocation site for the NJUS tank farm.

Port Rd. Improvements (ADOT Project cost-shared with City/Port):

ADOT expects the project solicitation period to be during winter 2021/2022, with construction in summer 2022.

Italics reflects no change in project information from previous report.

Additional details available upon request.

PORT OF NOME

Phone/443-6619 Fax/443-5473

Memo

TO: Mayor John Handeland & Nome Common Council
FROM: Jim West - Chairman, Nome Port Commission *JW2*
THRU: Glenn Steckman - City Manager
DATE: 11/18/2021
RE: Support for PND's Concept Option 3 for designing the Deep Water Basin Docks

The following motion was passed by the Nome Port Commission at their Regular Meeting on Thursday November 18, 2021.

1. Moved by **C. Lean**, and seconded by **C. Smithhisler**, the following motion be approved as written:
 - **MOTION:** Port Commission supports Option 3 within PND's Dock Design Concepts as a modification to the proposed layout of the deep water basin docks that were initially conceptualized by the Corps.

AT THE ROLL CALL:

Ayes: Rowe; Sheffield; McLarty; Smithhisler; Lean; West
Nays:
Abstain:

The motion **CARRIED** unanimously.

Discussion reflected in the minutes from the November 18, 2021 Regular Meeting.



US ARMY CORPS
OF ENGINEERS®
ALASKA DISTRICT

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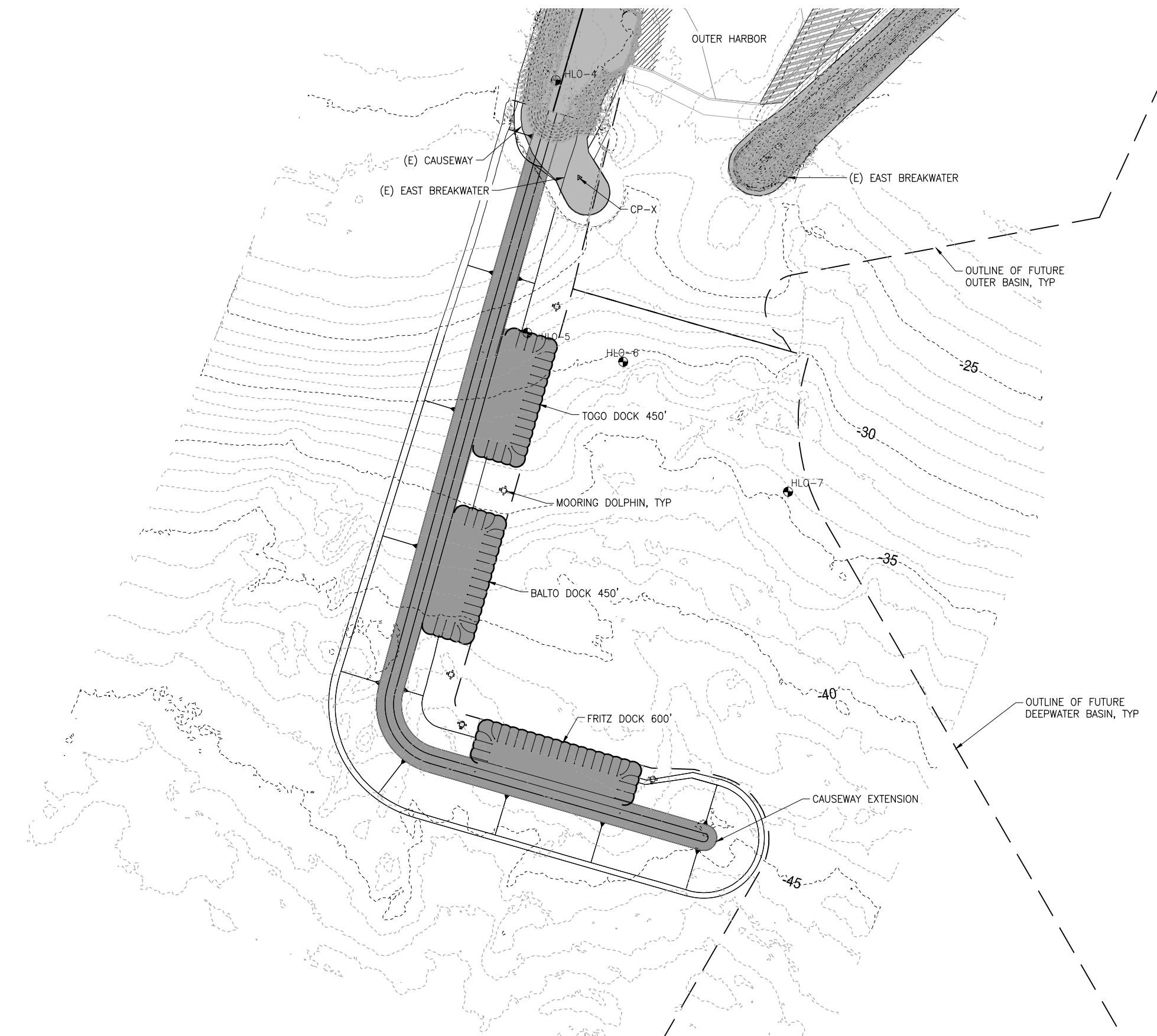
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LEGEND:

- GEOTECHNICAL BOREHOLE
- △ SURVEY CONTROL POINT



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PN XXXXX
PORT OF NOME, ALASKA
ARCTIC PORT EXPANSION PROJECT
LOCAL SERVICE FACILITIES (PHASE I)
GENERAL
OVERALL SITE PLAN - OPTION 1

REFERENCE
NUMBER:

SHEET 03 OF 10

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
2204 3RD STREET
JBER, ALASKA 99806-0898

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PND
Engineers, Inc.



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ISSUE DATE: SOLICITATION NO.: CONTRACT NO.: DRAWING #: SUBMITTED BY: FILE: SIZE: ANSI D

PN XXXXX PORT OF NOME, ALASKA ARCTIC PORT EXPANSION PROJECT LOCAL SERVICE FACILITIES (PHASE I) GENERAL OVERALL SITE PLAN- OPTION 2

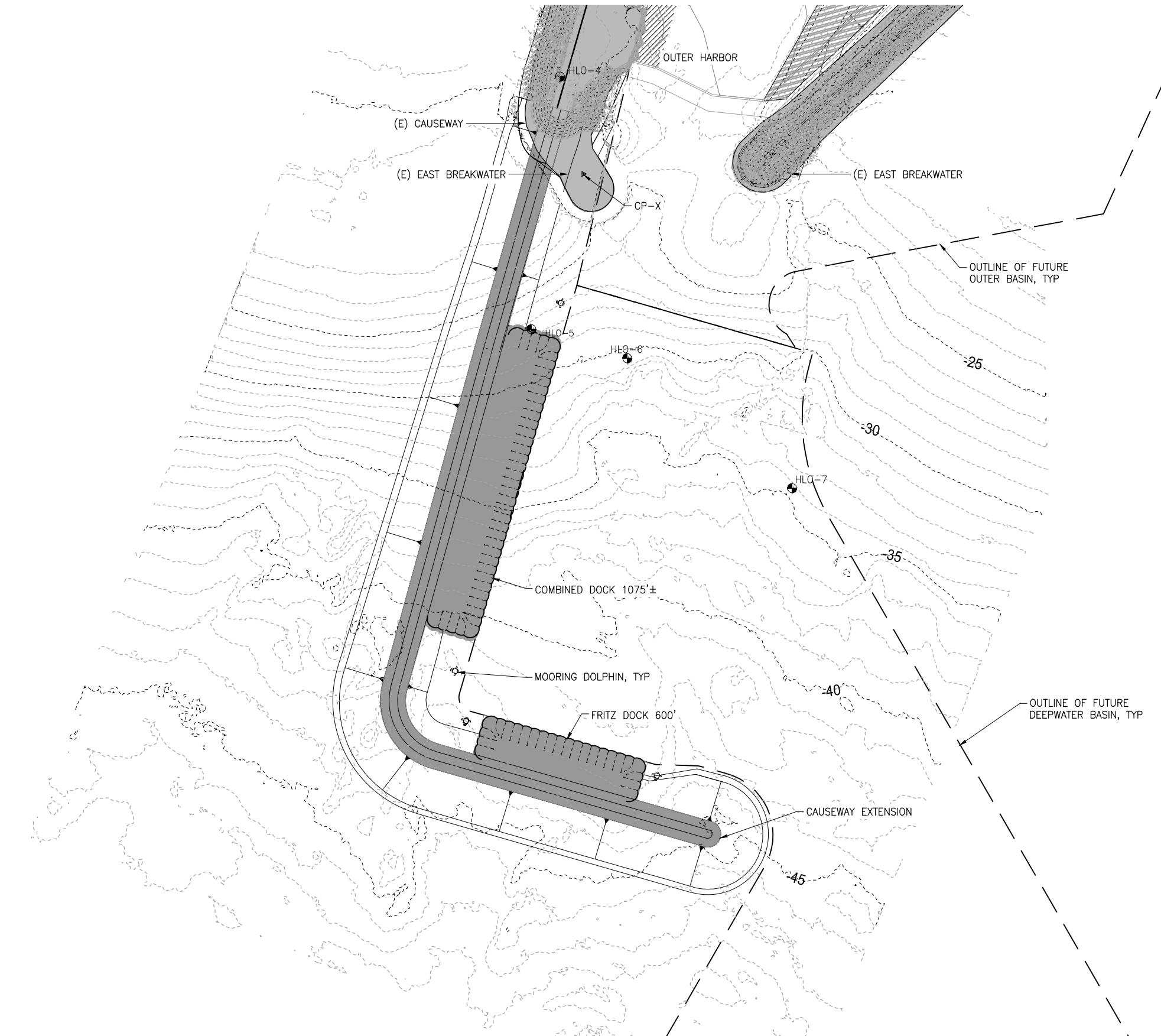
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LEGEND:

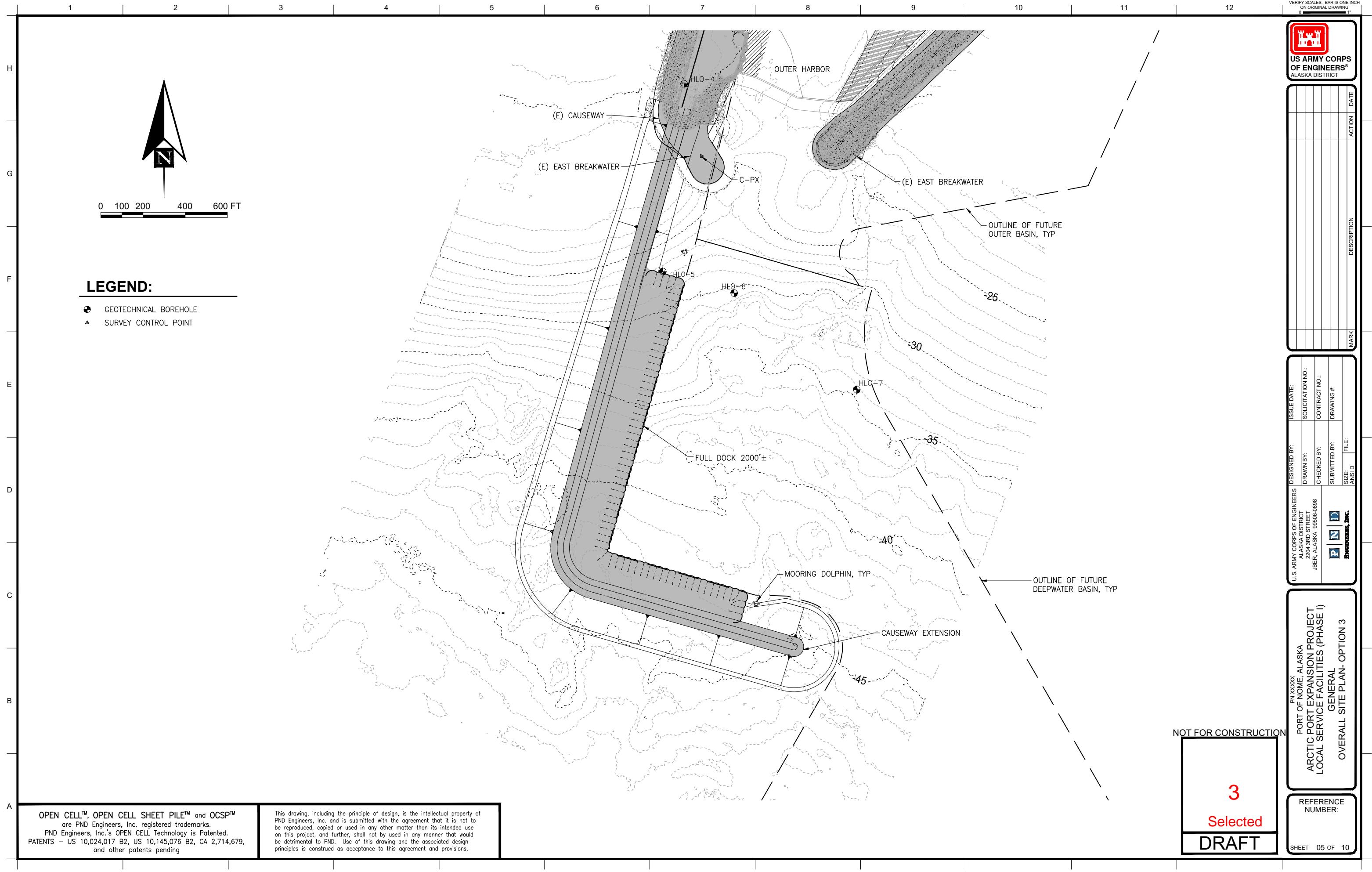
- GEOTECHNICAL BOREHOLE
- △ SURVEY CONTROL POINT



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December 07, 2021

Bristol Engineering Services
Attn: John Blees
111 W. 16th Ave
Anchorage, AK 99501



RE: Nome Launch Ramp Replacement Project

Mr. Blees,

This letter is to serve as both a summary of completed work to-date on the Nome Inner Harbor Launch Ramp project and a plan for the incomplete/punchlist work items. Although not fully completed in the 2021 construction season as planned, after overcoming a number of challenges STG, Inc. (STG) is proud to report that 98.5% of the project is completed by contract value and 97% by schedule value. And although important to the success of the project, the remaining scope is not critical for ramp usage. The ramp is fully operational and users were able to utilize the ramp without restriction for the end of season haul-out. Haul-out began on 10/06/21 for a some selected users, and was opened to all users on 10/20/21. STG is appreciative of the working relationship with and support from The City of Nome throughout the project and particularly the staff of the Port Director/Harbormaster's office. Their daily onsite interaction, logistics, and communication were critical to the completion of the ramp prior to winter. STG demobilized equipment and personnel as project activities were completed, and was fully demobilized from site for the winter as of 10/30/21.

An end of season inspection was performed by the Engineer of record and Contract Manager, the results of that inspection are attached to this letter for reference. Additionally, STG created a punchlist tracker spreadsheet for the items from the inspection, which is also attached. The punchlist/incomplete work are outlined below along with details for completion.

- Complete and Submit Final As-built Survey and Drawings (Tasks 1 & 2): Survey was performed continuously throughout the project using a combination of Total Station, GPS, harbor monuments, ground hub offsets, Sight Level, and a Grade/Slope Laser which was proven accurate by GPS comparison. As-built drawings were maintained onsite throughout the project in STG's job connex. Both of these submittals require completion of the bollard scope prior to final project submittal. The draft as-built drawings are attached.
- Address the 3ea identified lifted concrete panels (Task 3): Three (3) of the concrete panels were lifted slightly during concrete slurry pumping operations due to the slurry head pressure surpassing the ballast weight placed on top of the panels. Although largely unaffection useability of the ramp, the panels are lifted out of specification range and pose concerns with ramp maintenance and long-term damage to the concrete from the elevation change to adjacent panels. The panels identified are lifted along gridlines 9 and 7 between B and D, and are each marked with a red "X" on the attached redline drawing. The project team has discussed this unforeseen condition and will develop multiple corrective action plans throughout the winter to be implemented in the spring of 2022. The plans will be submitted to the city prior to construction. The scope is identified in the attached schedule as a placeholder and will be updated as the plan is developed.
- Complete Bollard Reconstruction (Task 4): This is the majority of the 1.5% remaining base contract scope. Reference the original project work plan (not attached) and current schedule (attached) for the execution plan of this scope. The end of season inspection report identifies a desire to drive a new finned pile for the northwest bollard, outside the limits of the ramp panels. STG agrees to this scope on principle

but it has not yet been added to the contract. At such time when it has been added, this document, the schedule, and the punchlist spreadsheet will be updated to reflect the scope.

- Install Final Signage (Task 5): This is base scope as well. The signage has been procured and is onsite. It will be installed last, just prior to final demobilization in spring 2022.
- Replace damaged 12x12 timbers at the High Ramp (Task 6): Over the course of construction in the high-ramp area, Excavator tracks damaged with 12x12 timber bullrail along the south edge leading up to the barge landing. When the snow melts, STG will replace the 12x12 timbers in-kind at no cost to the City of Nome.
- Submit any missing Fill Gradation Reports (Task 7): The item is to double-check that all project materials are accounted for a meet specifications. STG will compare the material reports received from Vendors with what has been formally submitted to-date, identify any gaps, and submit the missing reports (if any).
- Consolidate Salvaged Steel to Monofil (Task 8): A portion of the demolished Steel Beam from the old launch ramp were not hauled to the Monofil location. STG will retrieve those sections and dump them at the Monofil.
- Find and Remove Underwater Construction Debris (Task 9): When spring weather permits, STG will complete another sweep of the underwater seafloor to find and remove any remaining construction debris.

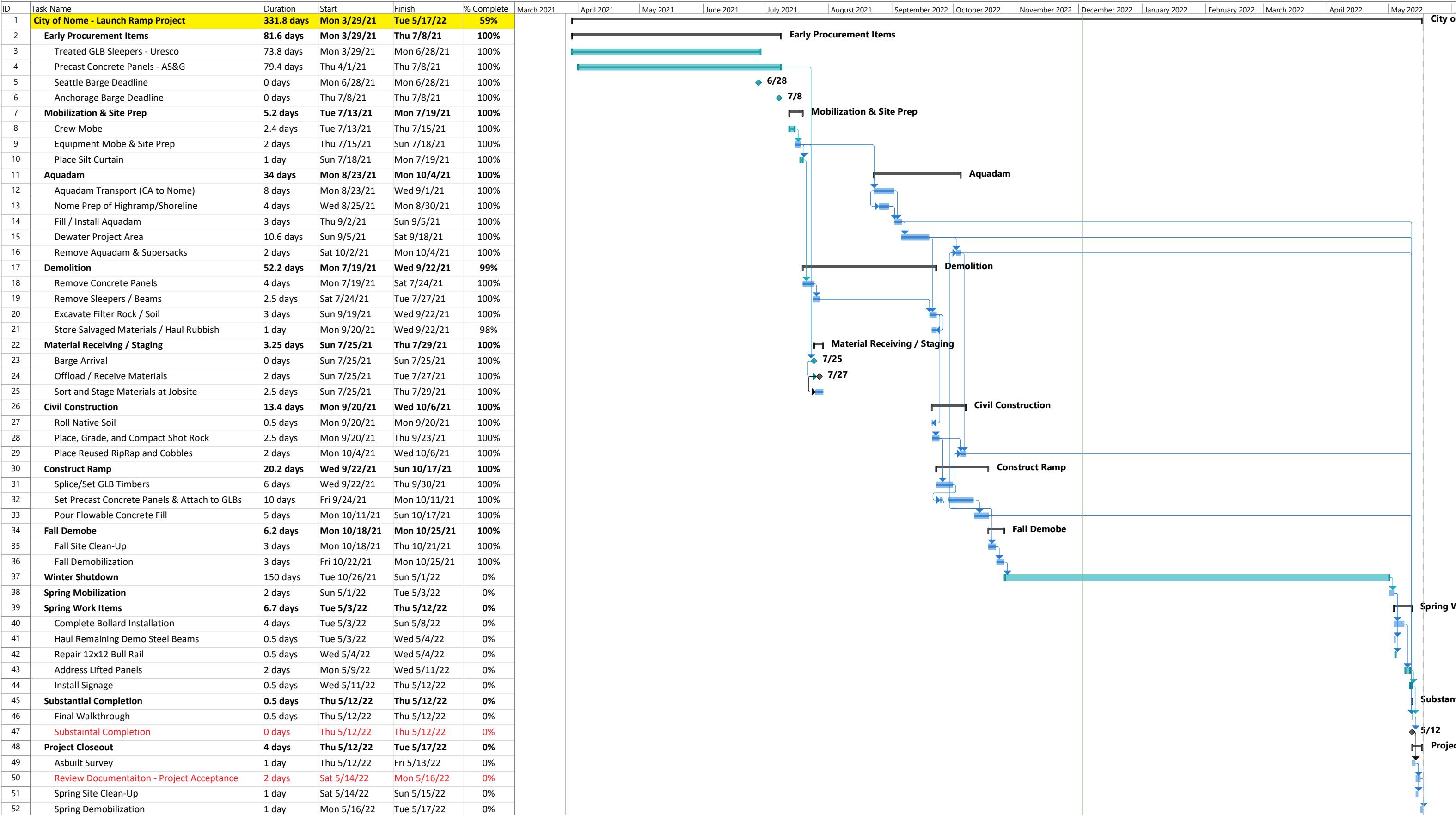
A schedule is attached showing the current progress, winter shutdown and spring start-up for completion of remaining work items. It should be noted that the start-up date and waterfall of dependent activities is weather dependent because some of the activities require melted conditions to complete. The dates will be updated as they become more evident throughout the Spring of 2022. STG will also work with the Nome Harbormaster so as to schedule our work with minimal impact to launch ramp and high ramp users.

Thank you for the opportunity to work with the City of Nome on this unique and challenging project.

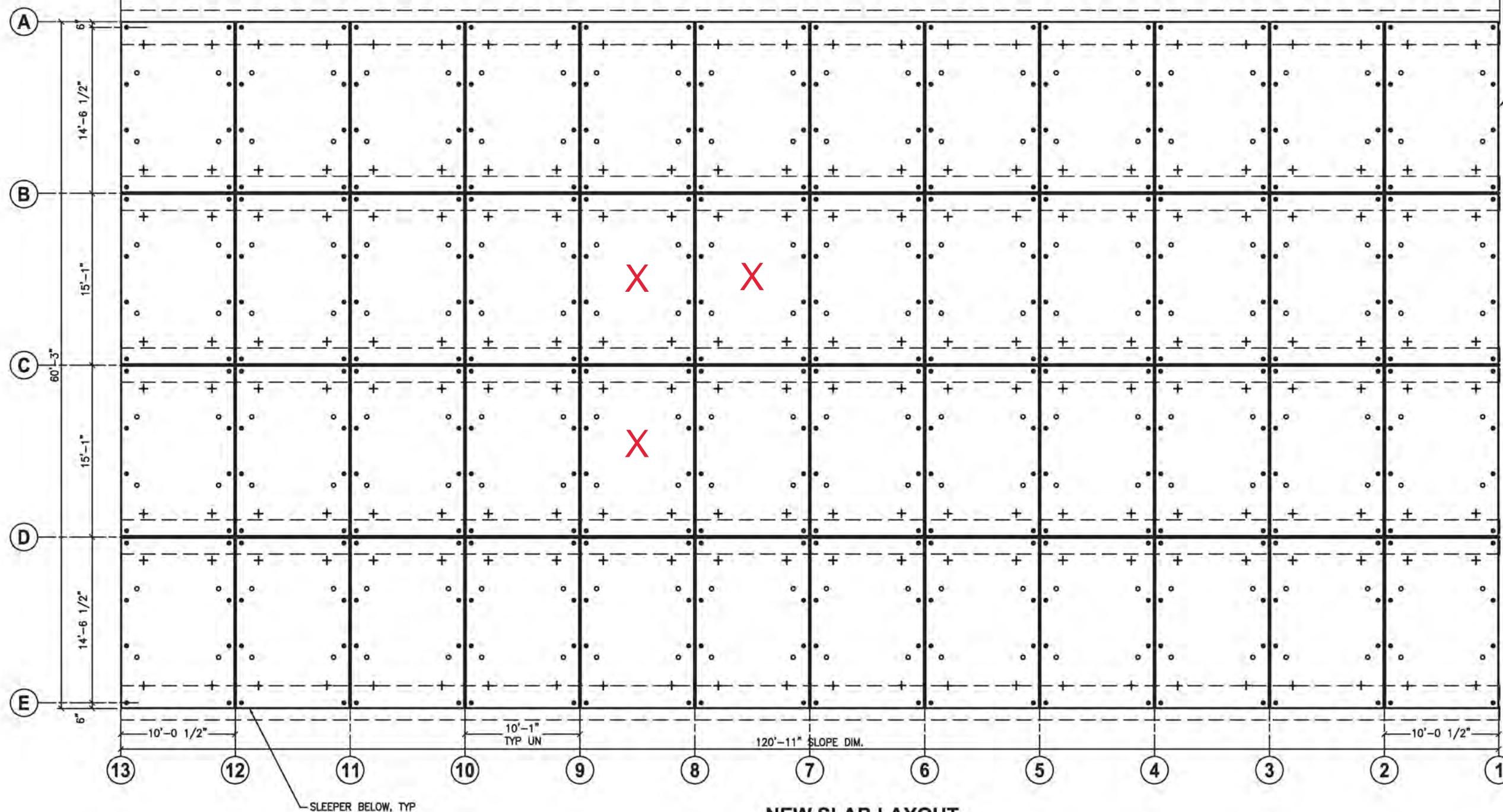
Sincerely,

Collin Pennington
Project Manager
STG, Inc.

City of Nome
Launch Ramp Replacement



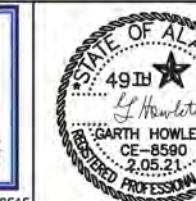
X - Lifted Panels



2/5/2021 10:21:29 AM

REVISIONS			
NO.	DATE	BY	DESCRIPTION
			Bristol Engineering Services Company LLC (BESC), Howlett Engineering (HE) and City of Nome are not responsible for safety programs, methods or procedures of operation, or the construction of the design shown on these drawings. Where specifications are general or not called out, the specifications shall conform to industry standards. Drawings, details, sections, notes and specifications are for use on this project only and shall not be reused without written approval from BESC and HE. Drawings shall not be used in any manner that would constitute a detriment directly or indirectly to BESC and HE.

Project No. 32114024
Bristol
 ENGINEERING
 SERVICES COMPANY, LLC
 111 W. 16th Avenue, Third Floor
 Anchorage, AK 99501
 Phone (907) 563-0013 Fax (907) 563-6713
 License Number: AECC697



LOW RAMP REPLACEMENT, PORT OF NOME
 NOME, ALASKA
NEW SLAB LAYOUT

SHEET NO.
7

ISSUED FOR BID

SCALE: SHOWN DESIGNED: CHECKED: DRAWN: DATE: 2/5/2021 SHEET 7 OF 9

Nome Launch Ramp Substantial Completion Checklist

Task	Completed By (STG)	Date Completed	Approved By (Owner)	Signature	Date
1. Complete and submit final as-built survey.					
2. Complete and submit as-built drawings.					
3. Address the 3 ea. identified lifted panels.					
4. Complete bollard reconstruction.					
5. Install final signage.					
6. Replace damaged section of high ramp 12x12 timber bull rail.					
7. Submit any missing fill gradation reports.					
8. Finish consolidating salvaged steel beams at monofill.					
9. Complete Final Sweep and Removal of Underwater Construction Debris					

December 09, 2021



Dear Joy,

We (STG, Inc.) are writing this letter to recognize the extraordinary efforts from Lucas and Chris in support of the Inner Harbor Launch Ramp project this summer/fall.

Lucas and Chris were onsite and involved in the project daily, providing a communication conduit between the harbor/high ramp users and STG to ease operations for all parties. They made themselves available at all hours of the day, night, and weekends to answer questions or come to the site and provide support; even when STG was running 24-hr operations. They also provided critical input to the project team to ensure the ramp users best interests were forefront in decision making.

We would like to thank Lucas and Chris for going well above and beyond the normal call-of-duty to bring the ramp to usable completion this season, and maintaining the upmost professionalism even during difficult high-pressure stages. Thank Gents, couldn't have done it without you!

Sincerely,

Collin Pennington
Collin Pennington
Project Manager

K. Gill
Kevin Gill
Project Superintendent