

ADDENDUM No. 2 TO THE CONTRACT DOCUMENTS

Project: City of Unalaska Light Cargo Dock Expansion

Addendum Issue Date: June 8, 2016

Issued for Bid Date: May 13, 2016

Bid Due Date: June 15, 2016, 2:00pm (AKST)

Previous Addenda Issued: Addendum #1

Issued By: Corey Roche
PND Engineers, Inc.
1506 West 36th Avenue
Anchorage, Alaska 99503

Notice to Bidders:

Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum on the bid submitted.
- (2) By fax which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by fax provided such a fax makes reference to this addendum and is received prior to the opening date specified above.

The contract Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

ITEM 1

Contract: *City of Unalaska Light Cargo Dock Expansion*
Section: *Part 7 - Permitting*

Replace the unsigned USACE Permit POA-1998-979-M1 with the signed permit and add the Marine Mammal Observation Data package, see attached.

ITEM 2

Contract: *City of Unalaska Light Cargo Dock Expansion*
Section: *Part 5 - Drawings*

Replace sheets 7, 8, 11, 12, 13, and 18 of the City of Unalaska Light Cargo Dock Expansion drawings with the attached Rev1 drawings.

ITEM 3

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *Part 5 – Drawings*

Sheet E1 of 3, in multi leader notes containing "RECEPTACLE TO BE REPLACED," remove and replace with, "RECEPTACLE TO REMAIN."

ITEM 4

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *Part 5 – Drawings*

Sheet E2 of 3, delete the contents of keynotes 4 and 5 and replace with "EXISTING RECEPTACLE."

ITEM 5

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *Part 5 – Drawings*

Sheet E3 of 3, in the EXISTING RECEPTACLES AND SUPPORT STEEL detail, replace the sentence "REPLACE RECEPTACLES AND RETAIN SUPPORT STEEL POST IN TWO LOCATIONS" with "RETAIN RECEPTACLES AND RETAIN SUPPORT STEEL POST IN TWO LOCATIONS."

ITEM 6

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *00100 – Instruction to Bidders*

The requirement to perform a site visit prior to submitting a bid may be satisfied by past visits to the site if the contractor agrees that the previous site visit(s) fully comply with article 5. The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of Article 5.

ITEM 7

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *NA – Pre-Bid Meeting Minutes*

See the attached Pre-Bid meeting minutes for your reference.

ITEM 8

Contract: *City of Unalaska Light Cargo Dock Expansion*

Section: *NA – Responses to Bidder Questions*

Q1: GFI circuit breakers are not available for the existing panel. How do you want GFI protection installed into the existing panel?

A1: Do not provide new GFI circuit breakers and do not provide new receptacles. The receptacles identified on the drawings as "TO BE REPLACED" shall be **retained**. This answer supersedes response to Question #18 in Addendum #1.

END OF ADDENDUM

Attachments (5)

1. Signed USACE Permit and Marine Mammal Observation Data Package
2. Revised Light Cargo Dock Expansion Drawing 7, 8, 11, 12, 13, and 18
3. Pre Bid Meeting Minutes

Attachment #1

Singed USACE Permit and Marine Mammal Observation Data Package

DEPARTMENT OF THE ARMY PERMIT

Permittee: City of Unalaska

Permit No.: POA-1998-979-M1, Dutch Harbor

Issuing Office: U.S. Army Engineer District, Alaska

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: to expand the existing Light Cargo Dock, including: 1) the removal of two existing dolphins and catwalks (six 36-inch diameter steel king piles will be removed with a vibratory hammer, with batter piles cut off at the surface and buried); 2) removal of the existing armor rock between the existing bulkheads; 3) installation of an open cell sheet pile bulkhead backfilled with 5,800 cubic yards (cy) of gravel fill into 0.11 acre of navigable waters of the U.S.; 4) installation of five 36-inch diameter steel fender piles and four 24-inch support piles with an impact hammer [with ten temporary 18-inch diameter steel piles, installed with a vibratory hammer, for support during construction activities]; and, 5) construct a 0.20 acre concrete dock surface over new fill/sheet pile/fender piles. Work will occur over, and below, the high tide line (HTL, approximate elevation +6.7' above the 0.0 foot contour) and mean high water mark (MHWM, approximate elevation +3.3' above the 0.0 foot contour) of Dutch Harbor.

All work will be performed in accordance with the attached plan, sheets **[1-4]**, dated January 4, 2016.

Project Location: within Section 26, T. 72 S., R. 117 W., Seward Meridian; USGS Quad Map Unalaska C-2; Latitude 53.9072° N., Longitude 166.5097° W.; Light Cargo Dock (LCD) in Dutch Harbor, 2481 Ballyhoo Road on Amaknak Island Spit, in Unalaska, Alaska

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **May 31, 2021**.

If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete blocks with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.
2. The permittee shall implement the Approved Mitigation Plan titled "Compensatory Mitigation Plan for the Light Cargo Dock Expansion, POA-1998-979-M1, City of Unalaska," submitted January 19, 2016, revised April 21, 2016, and attached as Attachment A.
3. The permittee shall comply with the Federal Endangered Species Act. You must implement all of the mitigating measures identified in the enclosed U.S. Fish and Wildlife Service letter of concurrence (Consultation # 07CAAN00-2016-I-0068, dated April 5, 2016) and National Marine Fisheries Service letter of concurrence (NMFS PCTS# AKR-2016-9544, dated April 20, 2016), including those ascribed to the Corps therein. If you are unable to implement any of these measures, you must immediately notify the Corps, the U.S. Fish and Wildlife Office, and the National Marine Fisheries Service so we may consult as appropriate, prior to initiating the work, in accordance with Federal law.
4. Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form (Attachment B) and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.
5. Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the U.S.
6. You must install and maintain, at your expense, any safety lights and signals prescribed by the U.S. Coast Guard (USCG), through regulations or otherwise, on your authorized facilities. The USCG may be reached at the following address and telephone number: Commander (oan), 17th Coast Guard District, P.O. Box 25517, Juneau, Alaska 99802, (907) 463-2272.
7. The permittee understands and agrees that, if future operations by the U.S. require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the U.S. No claim shall be made against the U.S. on account of any such removal or alteration.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorization required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

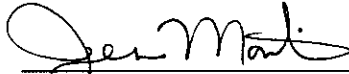


(PERMITTEE) AND TITLE

5/25/16

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



FOR (DISTRICT COMMANDER)
Colonel Michael S. Brooks
Jen Martin
South Branch, Regulatory Division

29 June 16

(DATE)

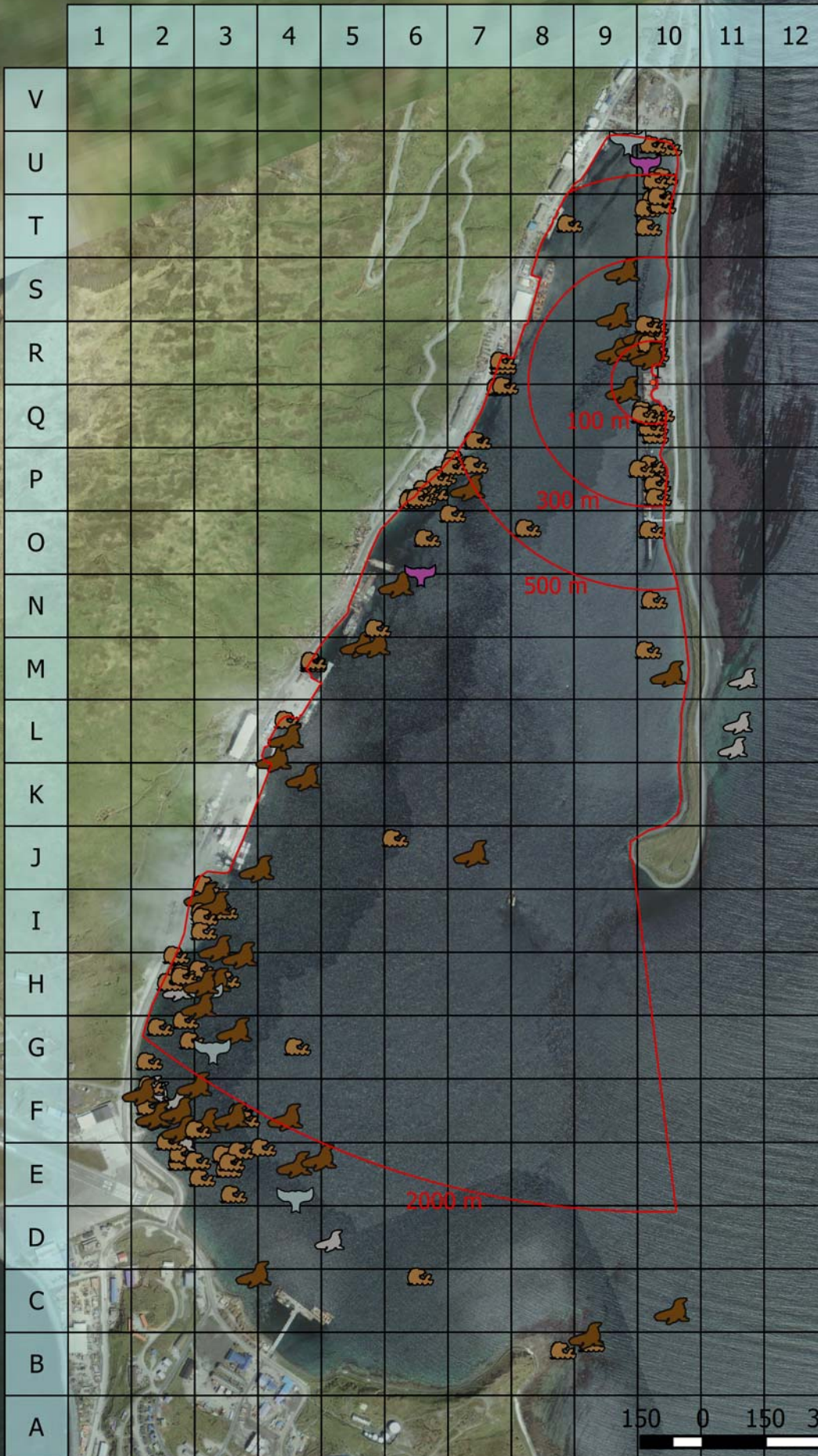
When the structures or work authorized by this permit are still in existence at the time the property is transferred the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions have the transferee sign and date below.

(TRANSFEREE)

(DATE)

Protected Species Sightings - 4/25/15 - 5/17/16

See provided table for details



Notes: The sighting data was collected in support of a different project within Dutch Harbor and has been provided for Contractor reference in evaluating the presence of marine mammals that affect construction. Observers typically recorded sightings from multiple points within the harbor for brief periods (approximately 15 minutes) as schedules allowed, though there are several days of longer observation periods. Sighting locations are reported in NAD83 Alaska State Plane Zone 10 (in feet). Observers noted species (if identifiable), number of animals, activity, behavior notes, and weather conditions at the time of sighting.

Sighting Distribution

-  Harbor Seal
-  Humpback Whale
-  Sea Lion
-  Sea Otter
-  Unidentified Whale

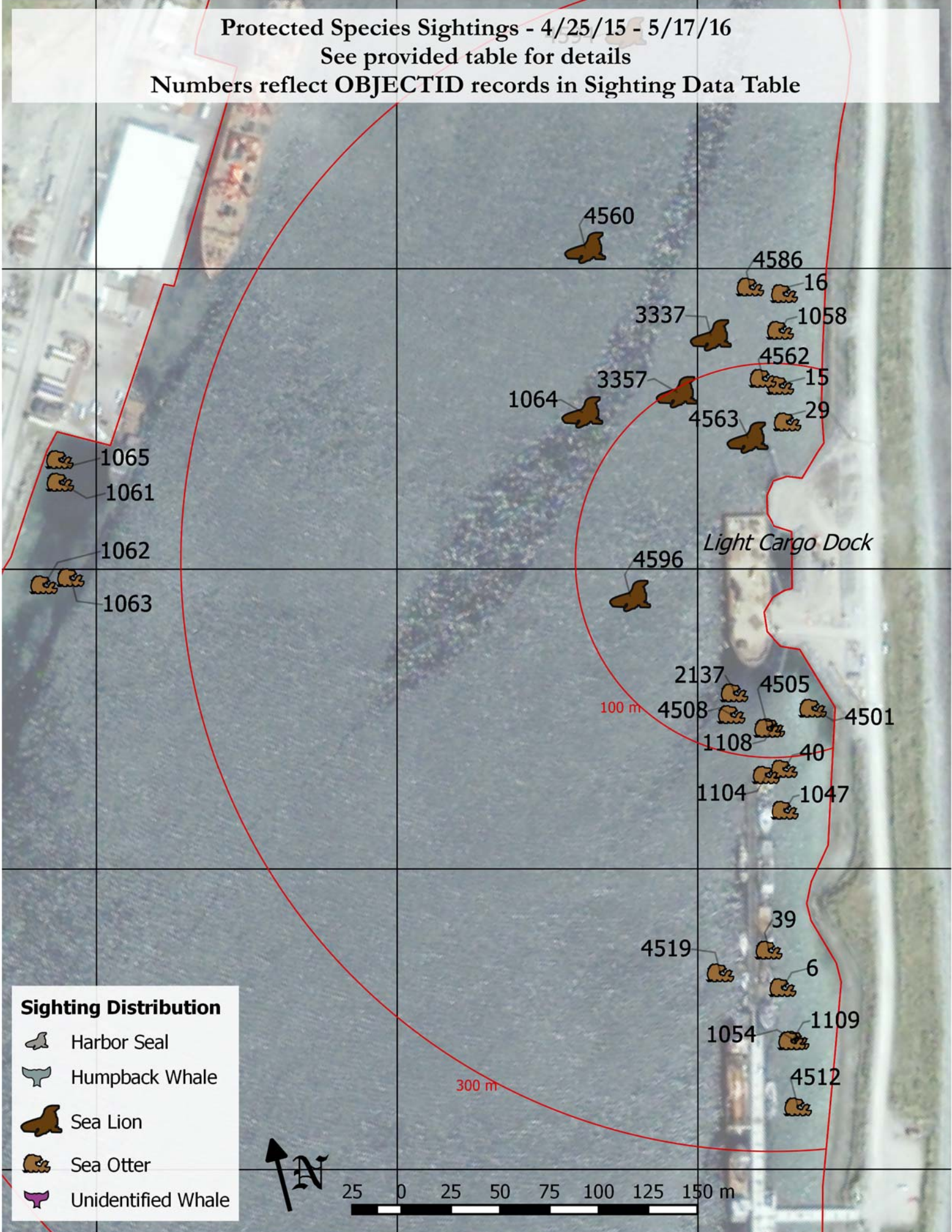
150 0 150 300 450 600 m



Protected Species Sightings - 4/25/15 - 5/17/16

See provided table for details

Numbers reflect OBJECTID records in Sighting Data Table



Sighting Distribution

-  Harbor Seal
-  Humpback Whale
-  Sea Lion
-  Sea Otter
-  Unidentified Whale



25 0 25 50 75 100 125 150 m

Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Sea Otter	1	Loafing	Grandpa	4/25/2015		5321814	1197963	601
Sea Otter	1	Feeding	Grandpa	4/25/2015		5321725	1197744	529
Sea Otter	1	Feeding	Grandpa	4/25/2015		5321649	1197623	487
Harbor Seal	1	Loafing		4/25/2015		5316382	1192479	1840
Sea Otter	1	Loafing	Grandpa	4/26/2015		5321066	1195506	182
Sea Otter	1	Feeding	Grandpa	4/26/2015		5321632	1197546	463
Sea Otter	1	Feeding	Grandpa	4/26/2015		5321604	1197591	475
Sea Otter	1	Feeding	Grandpa	4/26/2015		5321698	1198013	606
Sea Otter	1	Loafing	Grandpa	4/27/2015		5319347	1195788	581
Sea Otter	1	Loafing		4/27/2015		5320663	1194156	611
Sea Otter	1	Passing Through	Grandpa	4/27/2015		5321314	1196478	124
Sea Otter	1	Feeding	Grandpa	4/27/2015		5321358	1196624	171
Sea Otter	1	Feeding	Grandpa	4/27/2015		5319162	1195772	637
Sea Otter	1	Feeding	Grandpa	4/29/2015		5321648	1197590	478
Sea Otter	1	Resting-Sleeping	Grandpa	5/25/2015	Clear	5321310	1196416	105
Sea Otter	1	Feeding	Grandpa	5/25/2015	Clear	5316031	1191986	2017
Sea Otter	1	Loafing	Not grandpa	5/25/2015	Clear	5317676	1189807	2197
Sea Lion	1	Passing Through		5/25/2015	Clear	5318859	1195160	775
Sea Otter	1	Feeding	Grandpa	5/25/2015	Clear	5316075	1191158	2172
Sea Otter	1	Loafing	Grandpa	5/25/2015	Clear	5318074	1194718	1047
Sea Otter	1	Passing Through	Not grandpa	5/26/2015	Clear	5316442	1192600	1804
Sea Otter	1	Feeding	Grandpa eating an octopus	5/26/2015	Clear	5316813	1193229	1602
Sea Otter	1	Passing Through	Grandpa	5/26/2015	Clear	5317763	1194327	1184
Sea Otter	1	Feeding		5/19/2015	Clear	5316787	1192461	1746
Sea Otter	1	Feeding	Eating clams	5/20/2015	Rain	5321059	1195572	163
Sea Otter	1	Feeding	Gramps feeding clams	5/26/2015	Clear	5321159	1195858	71
Harbor Seal	1	Loafing		5/26/2015	Clear	5316014	1191736	2069
Sea Otter	1	Feeding	Grandpa	5/27/2015	Clear	5319165	1195783	635
Sea Otter	1	Loafing	Grandpa	5/27/2015	Clear	5319439	1195900	548
Sea Otter	1	Resting-Sleeping	Grampa	6/8/2015	Clear	5321144	1195790	92
Sea Otter	1	Loafing	Gramps	6/11/2015	Clear	5316401	1192061	1915
Sea Otter	1	Loafing	Grampa	6/15/2015	Clear	5316612	1192588	1764
Sea Otter	1	Resting-Sleeping	Grammpa	6/17/2015	Clear	5316730	1191106	2044
Sea Otter	1	Feeding	Grandpa	6/27/2015	Rain	5319398	1195890	561
Sea Lion	1	Passing Through		6/28/2015	Rain	5318899	1192942	1191
Sea Otter	1	Feeding	Grandpa	6/28/2015	Clear	5321065	1195415	208
Sea Otter	1	Loafing	Grandpa	6/29/2015	Clear	5319764	1196099	447
Sea Otter	1	Resting-Sleeping	Grandpa	6/29/2015	Clear	5319571	1195999	506
Sea Otter	1	Passing Through	Grandpa	6/29/2015	Clear	5321336	1196567	152
Sea Otter	1	Resting-Sleeping		6/29/2015	Clear	5316424	1191010	2129
Sea Otter	1	Passing Through	Grandpa	6/29/2015	Clear	5319981	1195327	444
Sea Otter	1	Feeding	Grandpa	6/29/2015	Clear	5320113	1196622	378
Sea Otter	1	Loafing	Grandpa	6/29/2015	Clear	5320044	1196463	379

Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Sea Otter	1	Resting-Sleeping	Grandpa	6/29/2015	Clear	5320090	1196464	366
Sea Lion	1	Passing Through		6/29/2015	Clear	5320983	1196518	153
Sea Otter	1	Resting-Sleeping	Grandpa	6/30/2015	Clear	5320122	1196658	381
Sea Otter	1	Loafing	Grandpa	6/30/2015	Fog	5316906	1192988	1620
Sea Otter	1	Resting-Sleeping	Grandpa	7/25/2015	Rain	5319277	1195828	600
Sea Otter	1	Passing Through	Grandpa	7/25/2015	Rain	5319192	1195449	650
Sea Lion	1	Loafing		7/25/2015	Rain	5316755	1193149	1630
Sea Otter	1	Resting-Sleeping	Grandpa	7/27/2015	Clear	5318080	1194735	1044
Harbor Seal	1	Loafing		7/27/2015	Clear	5315989	1191733	2075
Sea Otter	1	Resting-Sleeping	Grandpa	7/27/2015	Clear	5319151	1195772	640
Sea Otter	1	Loafing	Grampa	6/25/2015	Fog	5316743	1193024	1654
Sea Otter	1	Feeding	Grampa	6/27/2015	Clear	5321128	1195856	75
Sea Otter	1	Loafing	Grandpa	6/30/2015	Rain	5321651	1197732	520
Sea Otter	1	Resting-Sleeping	Grampa	7/3/2015	Rain	5316205	1190994	2179
Sea Otter	1	Loafing	Grandpa	7/11/2015	Clear	5321532	1197535	453
Sea Otter	1	Feeding	Grandpa	7/22/2015	Clear	5321156	1195930	51
Sea Otter	1	Feeding	Grandpa	7/24/2015	Rain	5321059	1195416	209
Sea Otter	1	Loafing	Grandpa	7/27/2015	Clear	5319246	1195779	611
Harbor Seal	1	Loafing		7/29/2015	Clear	5315973	1191797	2066
Sea Otter	1	Feeding	Grandpa	7/30/2015	Clear	5319775	1196098	443
Sea Lion	1	Passing Through		8/7/2015	Clear	5316403	1190154	2329
Sea Otter	1	Resting-Sleeping	Grandpa	8/7/2015	Clear	5319211	1195774	622
Sea Lion	2	Loafing		8/7/2015	Clear	5316101	1191391	2118
Sea Lion	1	Passing Through		8/9/2015	Clear	5318447	1194776	936
Sea Lion	1	Passing Through	Big male	8/10/2015	Clear	5316735	1192054	1839
Sea Otter	1	Resting-Sleeping	Grandpa	8/10/2015	Clear	5321111	1196002	43
Humpback Wh	2	Passing Through		8/12/2015	Clear	5316873	1190646	2123
Humpback Wh	2	Passing Through		8/12/2015	Clear	5321511	1198083	617
Sea Otter	1	Passing Through		9/25/2015	Clear	5317192	1191805	1792
Sea Lion	2	Loafing		9/25/2015	Clear	5316827	1193062	1626
Sea Lion	1	Passing Through		9/26/2015	Clear	5316759	1192721	1704
Sea Lion	1	Passing Through		9/26/2015	Clear	5318563	1194749	908
Sea Lion	1	Feeding		9/26/2015	Clear	5321222	1196588	155
Sea Lion	1	Passing Through		9/27/2015	Clear	5316675	1192476	1770
Humpback Wh	1	Feeding	Coming out of water a little with open mouth.	9/27/2015	Rain	5316533	1191942	1908
Harbor Seal	1	Passing Through		9/27/2015	Clear	5315999	1191592	2100
Sea Lion	1	Passing Through		9/27/2015	Clear	5316315	1191422	2064
Sea Lion	1	Passing Through		9/27/2015	Clear	5321143	1196511	134
Humpback Wh	1	Passing Through		9/27/2015	Clear	5316586	1192383	1809
Sea Otter	1	Passing Through		10/30/2015	Clear	5320807	1194528	490
Harbor Seal	3	Passing Through		10/31/2015	Clear	5316111	1191306	2133

Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Harbor Seal	1	Passing Through		10/31/2015	Clear	5316137	1191635	2060
Sea Otter	1	Passing Through	Grandpa	7/27/2015	Clear	5319435	1195588	567
Sea Otter	1	Loafing	G-Pa	8/5/2015		5319700	1195918	468
Sea Lion	4	Other	Playing small pod 4 to 5.	8/8/2015	Rain	5316932	1190915	2048
Sea Otter	2	Other	G-pa on the rock and young over swimming around. Young over come on rock g-pa and g-pa stacked young oter swam away. G-pa swam off. Young oter came back locking for g-pa.	8/9/2015	Clear	5321232	1195944	41
UNID Whale	1	Feeding	Look as if feeding, just kept diving back and forth in front of icicle dock. Think it was orca not for sure.	8/14/2015	Clear	5321601	1197871	558
Sea Otter	1	Loafing	G-pa	8/20/2015	Fog	5321653	1197531	461
UNID Whale	1	Passing Through	Think it's a orca just slowly swimming out of bay.	8/21/2015	Clear	5319066	1195182	714
Sea Otter	1	Feeding	G-pa eating clams.	8/26/2015	Clear	5321150	1195931	52
Sea Otter	1	Loafing	Young oter.	8/30/2015	Clear	5316389	1192229	1885
Sea Otter	1	Loafing	G-pa	9/2/2015	Clear	5321501	1197390	408
Sea Otter	1	Loafing	G-pa	9/3/2015	Clear	5321097	1195968	53
Sea Lion	1	Passing Through	Just hanging out playing maybe feeding.	9/4/2015	Clear	5319598	1195761	507
Sea Otter	1	Loafing	G-pa	10/16/2015	Clear	5316427	1191130	2102
Sea Otter	1	Loafing	G-pa	9/19/2015		5316740	1192983	1662
Sea Otter	1	Loafing	G-pa	9/24/2015	Clear	5321041	1195307	242
Sea Otter	1	Feeding	G-pa, pulling some big clams.	9/27/2015	Clear	5321655	1197601	482
Sea Otter	2	Other	Playing	10/29/2015	Clear	5320929	1195070	321

Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Sea Lion	1	Passing Through	Just swimming around.	10/30/2015	Clear	5316957	1191294	1956
Sea Otter	1	Loafing		11/9/2015		5316553	1191125	2077
Sea Otter	1	Loafing		11/9/2015	Clear	5316705	1192875	1690
Sea Otter	1	Loafing		11/23/2015	Clear	5316447	1192747	1777
Sea Otter	1	Feeding	Grandpa, haven't seen him in a couple weeks.	11/30/2015	Rain	5320971	1195556	178
Sea Lion	3	Other	Possibly feeding, looks like playing.	12/4/2015	Snow	5317133	1190920	2008
Sea Otter	1	Loafing		12/17/2015	Snow	5316345	1192551	1836
Sea Otter	1	Loafing		12/19/2015	Snow	5316468	1192592	1799
Sea Lion	1	Passing Through		12/21/2015	Clear	5316926	1192622	1682
Sea Otter	1	Resting-Sleeping		12/23/2015	Rain	5316181	1192226	1935
Sea Otter	1	Passing Through		1/4/2016	Snow	5319536	1195948	518
Sea Otter	2	Other	Young and mature one floating and swimming.	1/8/2016	Clear	5316631	1191416	1996
Sea Otter	1	Loafing		1/16/2016	Clear	5316660	1191358	2002
Sea Otter	1	Loafing		2/4/2016	Rain	5316412	1190806	2177
Sea Otter	1	Loafing		2/10/2016	Rain	5316461	1192570	1804
Sea Otter	1	Passing Through		2/13/2016	Snow	5320904	1197572	466
Sea Otter	1	Loafing		2/18/2016	Clear	5316460	1191055	2111
Sea Lion	1	Passing Through		3/21/2016	Snow	5321056	1196782	220
Sea Otter	1	Feeding		4/6/2016	Rain	5316098	1191218	2155
Sea Otter	1	Feeding		4/7/2016	Clear	5321288	1196497	128
Sea Lion	1	Passing Through		4/8/2016	Rain	5321238	1196408	100
Sea Lion	1	Passing Through	Sighting #1. Approximately 15-20 ft from dock	4/16/2016	Rain	5317577	1194061	1272
Sea Lion	1	Passing Through	Sighting #2	4/16/2016	Snow	5317711	1194199	1216
Sea Lion	1	Passing Through		4/16/2016	Snow	5320763	1193934	669
Harbor Seal	1	Resting-Sleeping	Resting at surface. Weather is overcast	4/16/2016	Clear	5321111	1193233	868
Sea Otter	1	Feeding		4/15/2016	Rain	5318351	1193208	1239
Sea Otter	1	Resting-Sleeping	Resting at surface. Was seen continuously until end of observations at 18:00.	4/16/2016	Snow	5318635	1194858	874

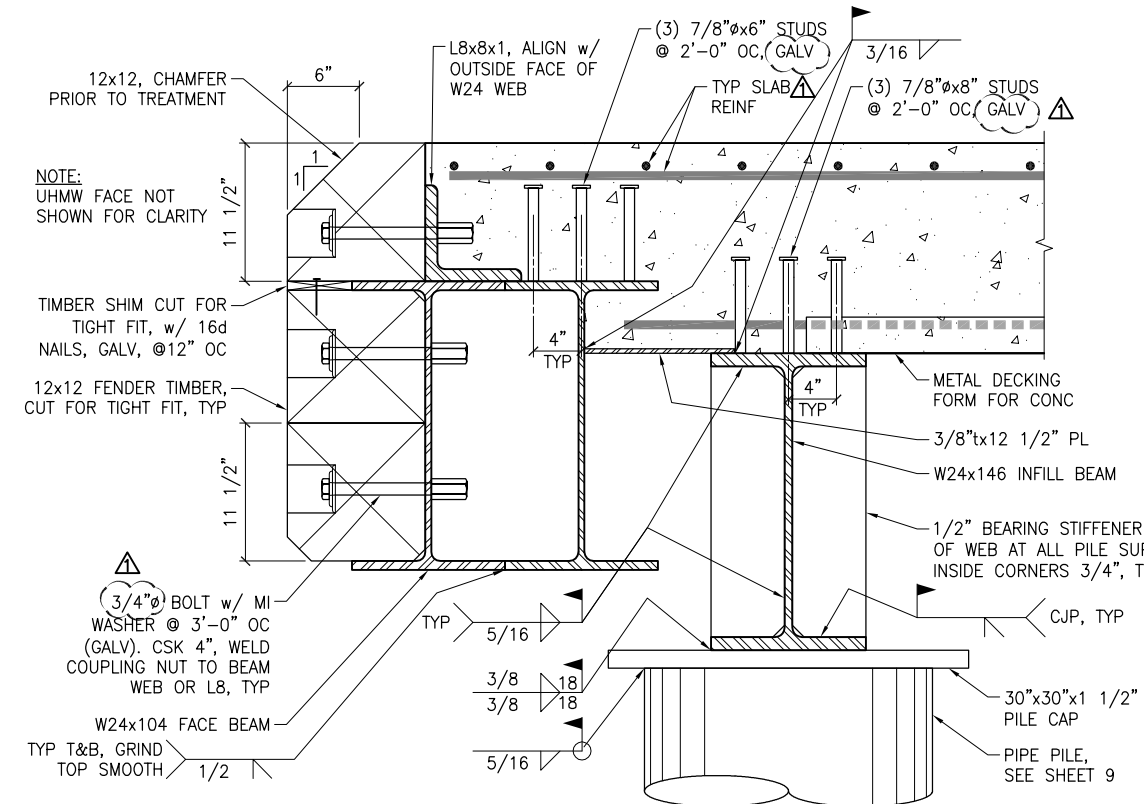
Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Sea Lion	1	Passing Through	Traveling E away from shoreline between UMC dock and airport.	4/16/2016	Snow	5316576	1192485	1792
Harbor Seal	2	Loafing		4/16/2016	Snow	5321324	1193746	712
Harbor Seal	1	Loafing	Light-colored head	4/16/2016	Snow	5321199	1193414	813
Sea Otter	1	Resting-Sleeping	Overcast	4/16/2016		5318855	1188957	2288
Sea Otter	1		Activity unknown . Weather overcast	4/17/2016	Clear	5318622	1188958	2311
Sea Otter	1	Feeding	Sighting #11. Traveling south along shoreline. Last sighting at 9:40.	4/17/2016	Rain	5315998	1191802	2059
Sea Otter	1	Loafing	Sighting #12. Slowly moving along coastline towards Rocky Pt. Last sighting at 9:42.	4/17/2016	Rain	5315944	1191645	2103
Sea Lion	1	Passing Through	Sighting #13. Seen briefly looking towards shoreline and heading south towards airport. Last sighting at 10:10.	4/17/2016	Rain	5315896	1191772	2089
Sea Lion	1	Passing Through	Sighting #14. Beaufort sea state 4, winds SE. Last seen at 14:02, swimming further N into harbor	4/17/2016	Rain	5316543	1191409	2016

Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Harbor Seal	1	Other	Sighting #15: At surface then dove. Weather overcast. Seal last seen at 15:12.	4/17/2016	Clear	5317051	1190262	2183
Harbor Seal	1	Other	Sighting #16: Surfaced and looked at boat ramp, then dove. Weather overcast. Last seen at 16:52.	4/18/2016	Clear	5315956	1191539	2121
Sea Lion	1	Passing Through	Sighting #17: Swimming close to yellow boom that was being hauled out at boat ramp by Delta Western Inc. Last seen at 17:23. Fog up high not obscuring visibility.	4/18/2016	Fog	5315951	1191567	2116
Sea Otter	1	Feeding		4/19/2016	Rain	5316203	1191135	2149
Sea Lion	2	Passing Through		4/21/2016	Clear	5317767	1193858	1254
Sea Otter	1	Feeding		4/23/2016	Rain	5316025	1191337	2146
Sea Otter	1	Loafing		4/26/2016	Rain	5321306	1196649	175
Sea Lion	2	Passing Through		4/26/2016	Rain	5316144	1191559	2074
Sea Lion	1	Passing Through	Winds SW 15	5/3/2016	Clear	5316122	1191415	2108
Sea Lion	2	Passing Through	Sighting #20: Surface active together, then traveled together into harbor. Overcast, BFT 1	5/8/2016		5316514	1192314	1839
Sea Lion	1	Feeding	Sighting #21: BFT 1, no swell, saw fish in animal's mouth, then animal slowly swam NE into harbor	5/8/2016		5317229	1193249	1493

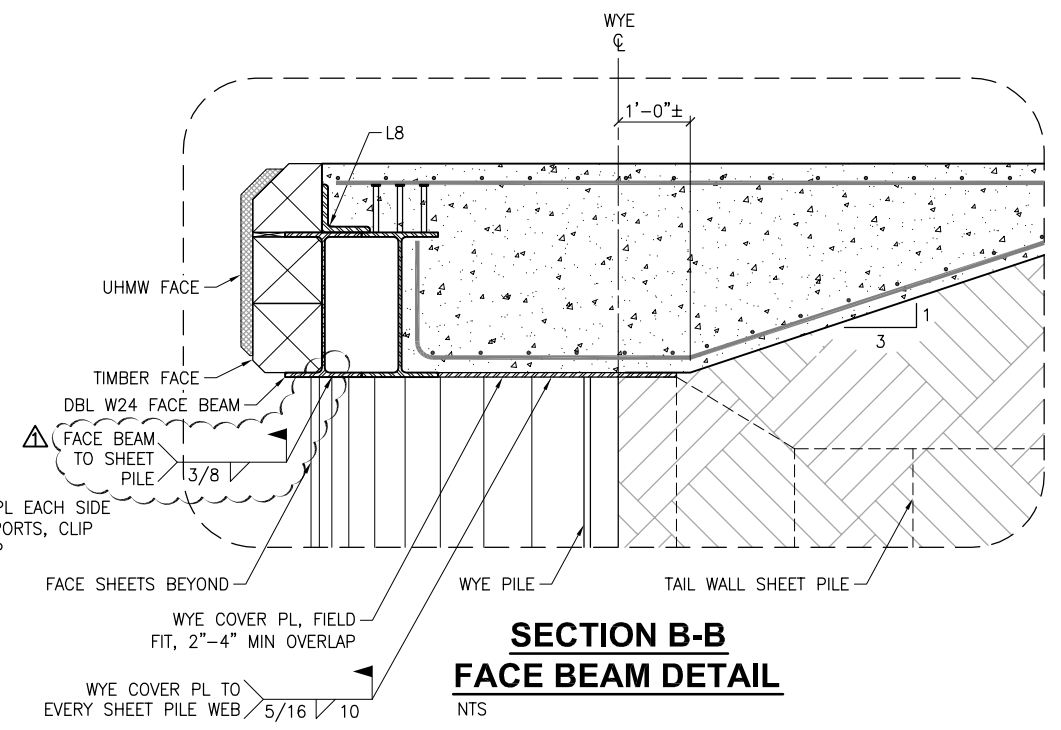
Species	Number Of Animals	Activity	Notes	Observation Date	Conditions	NAD83AK SPz10 X (ft)	NAD83AK SPz10 Y (ft)	Distance From Point #60 (m)
Sea Lion	1	Passing Through	Sighting # 27. Swimming S. Last seen at 16:08	5/9/2016	Clear	5318829	1189029	2270
Sea Lion	1	Passing Through	Sighting # 28. In Iliulik bay traveling south. Last seen by Rocky point at 16:59	5/9/2016	Clear	5319531	1189047	2205
Sea Otter	1	Feeding		5/10/2016	Rain	5316267	1191372	2085
Sea Lion	2	Passing Through	Lions traveling at a fast pace	5/11/2016	Rain	5321211	1197111	315
Sea Lion	1	Passing Through	Traveling toward inside harbor	5/16/2016	Rain	5316324	1191716	2001
Sea Lion	1	Passing Through	Moving to the NW	5/17/2016	Rain	5320983	1196202	84

Attachment #2

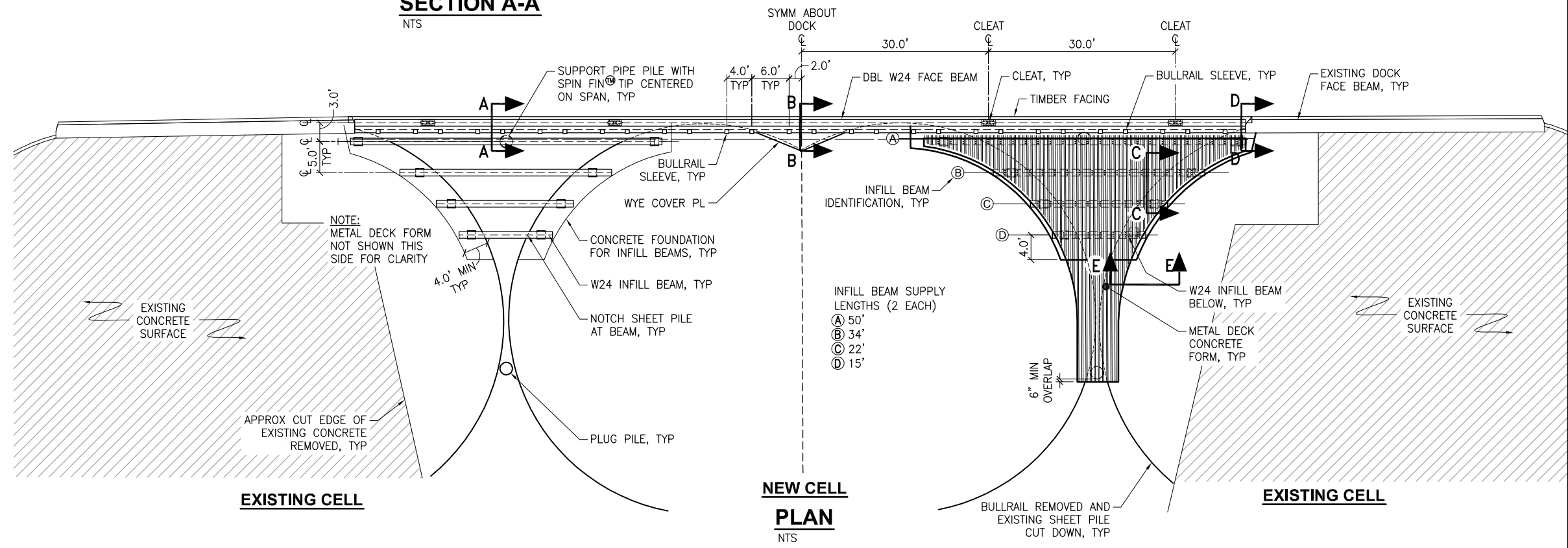
Revised Light Cargo Dock Expansion Drawing 7, 8, 11, 12, 13, and 18



SECTION A-A
NTS



SECTION B-B
FACE BEAM DETAIL
NTS



NEW CELL
PLAN
NTS



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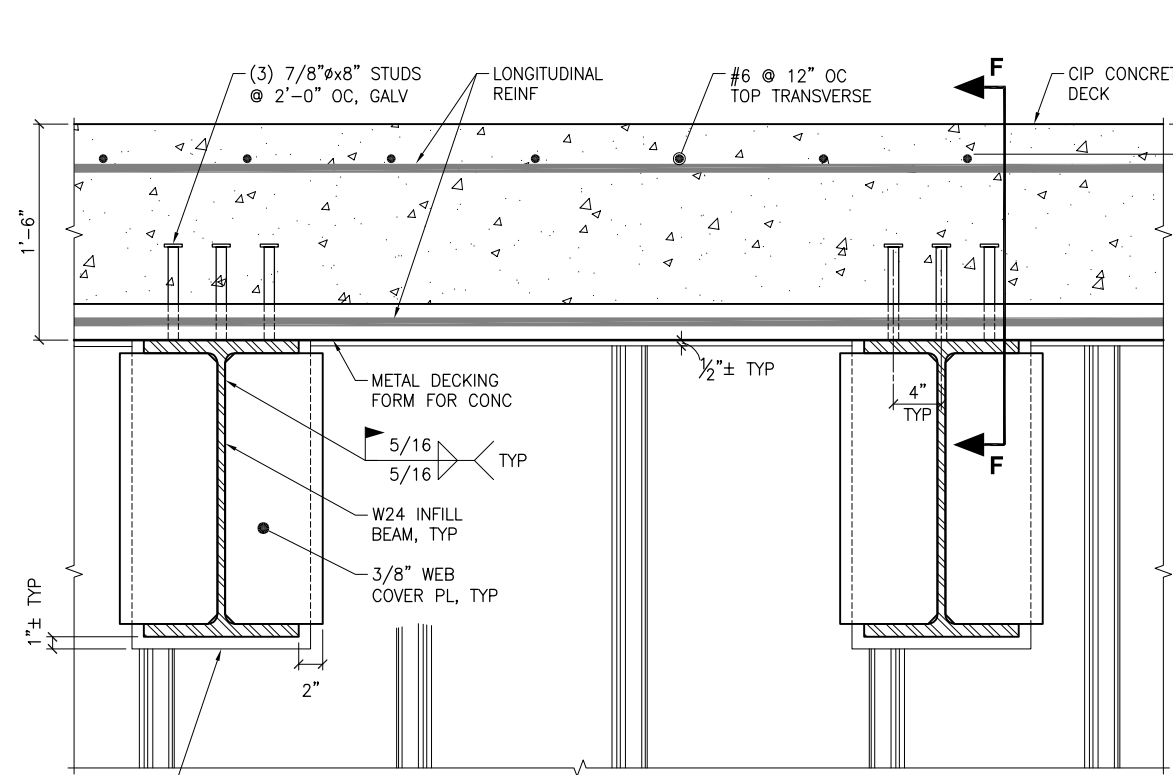
1	6/16	UPDATES PER ADDENDUM #2
REV	DATE	DESCRIPTION

DATE: _____

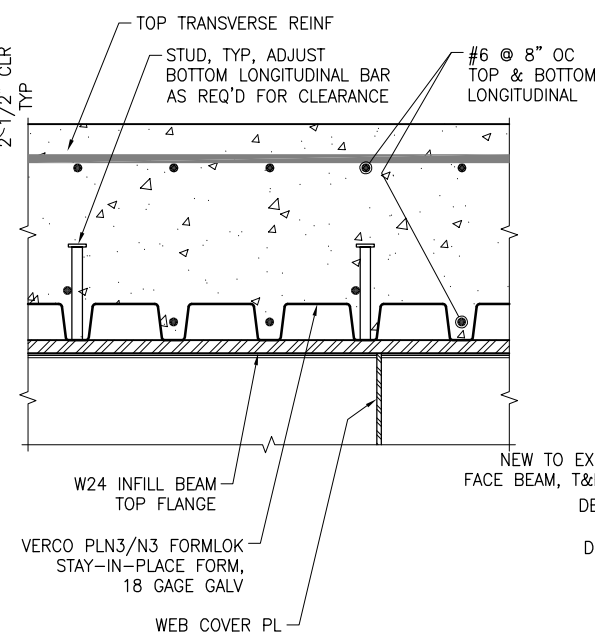
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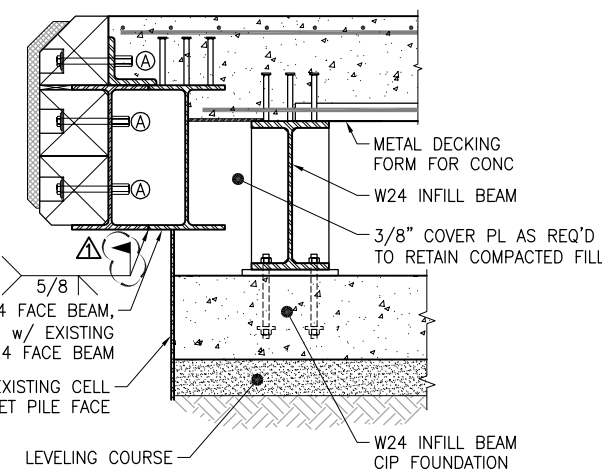
PROJECT:		CITY OF UNALASKA	
		LIGHT CARGO DOCK EXPANSION	
TITLE:		DOCK SECTIONS	
		(1 OF 2)	
DESIGNED BY:	CJR	DATE:	MAY 2016
CHECKED BY:	DST	PROJECT NO.:	151125
		SHEET NO.:	7 OF 19



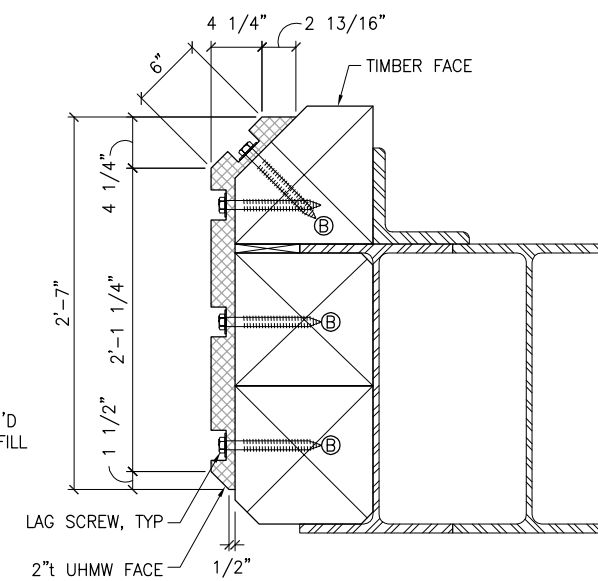
SECTION C-C
NTS



SECTION F-F
NTS



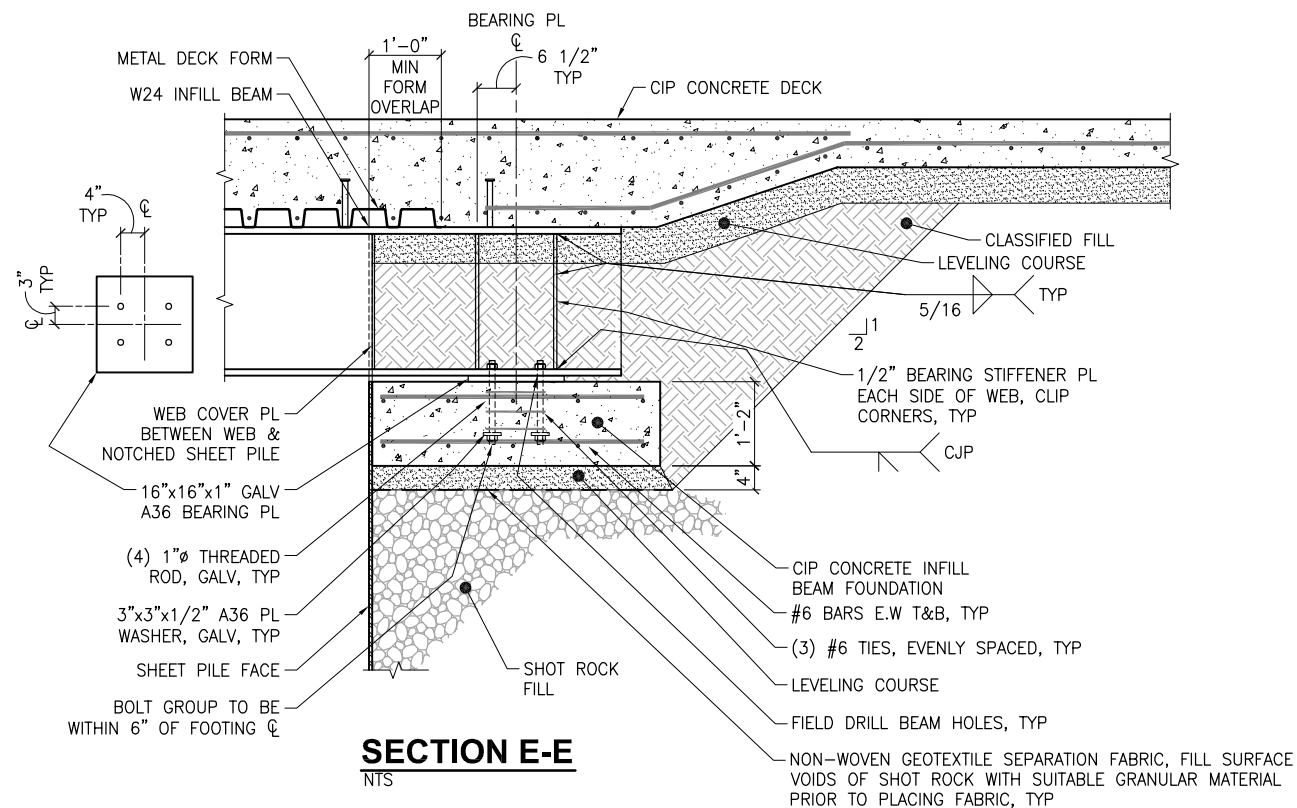
SECTION D-D
NTS



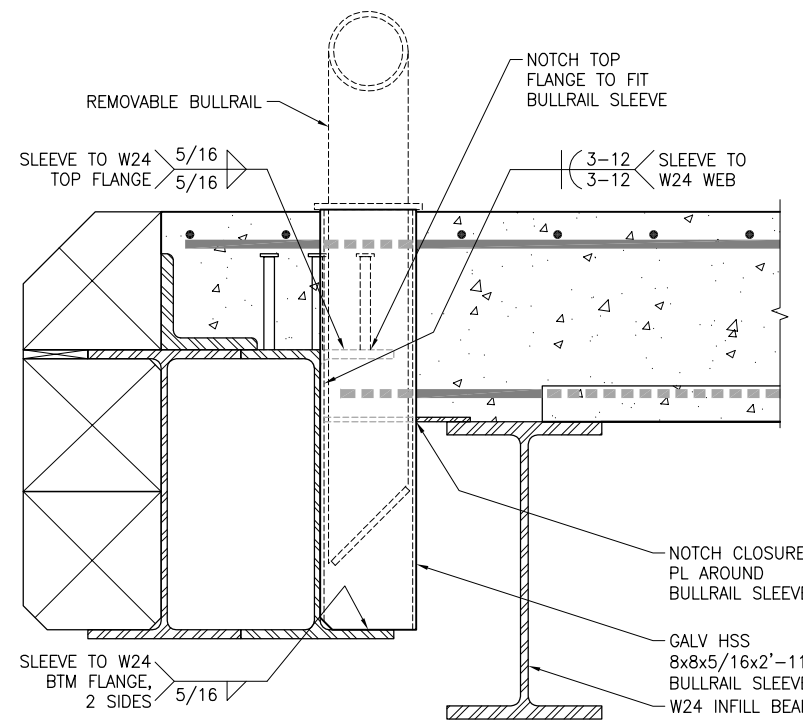
UHMW DETAIL
NTS

DOCK FACE BOLT SCHEDULE			
MARK	TYPE	APPROX LENGTH	APPROX QUANTITY
(A)	3/4" BOLT	12"	150
(B)	3/4" LAG SCREW	8"	300

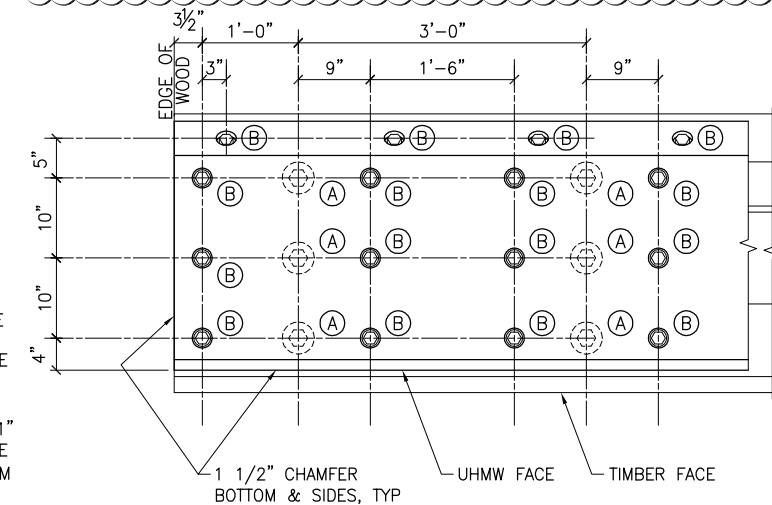
- FACE BEAM NOTES:**
- CONTRACTOR TO VERIFY FASTENER QUANTITY & LENGTHS.
 - FACE BEAM SUPPLY LENGTH IS 145'.
 - SQUARE CUT EXISTING FACE BEAM IF BEVELED END IS PRESENT.
 - NEW TIMBER AND UHMW FACING TO EXTEND AT LEAST 1 FOOT PAST FACE BEAM CONNECTION.
 - INTERFACE BETWEEN NEW AND EXISTING UHMW FACE SHALL BE SMOOTH AND FLUSH.
 - UHMW LENGTHS SHALL NOT EXCEED 12'± AND SHALL HAVE A 1/4" GAP BETWEEN SECTIONS FOR THERMAL EXPANSION.



SECTION E-E
NTS



BULLRAIL SLEEVE DETAIL
NTS



DOCK FACE DETAIL
NTS



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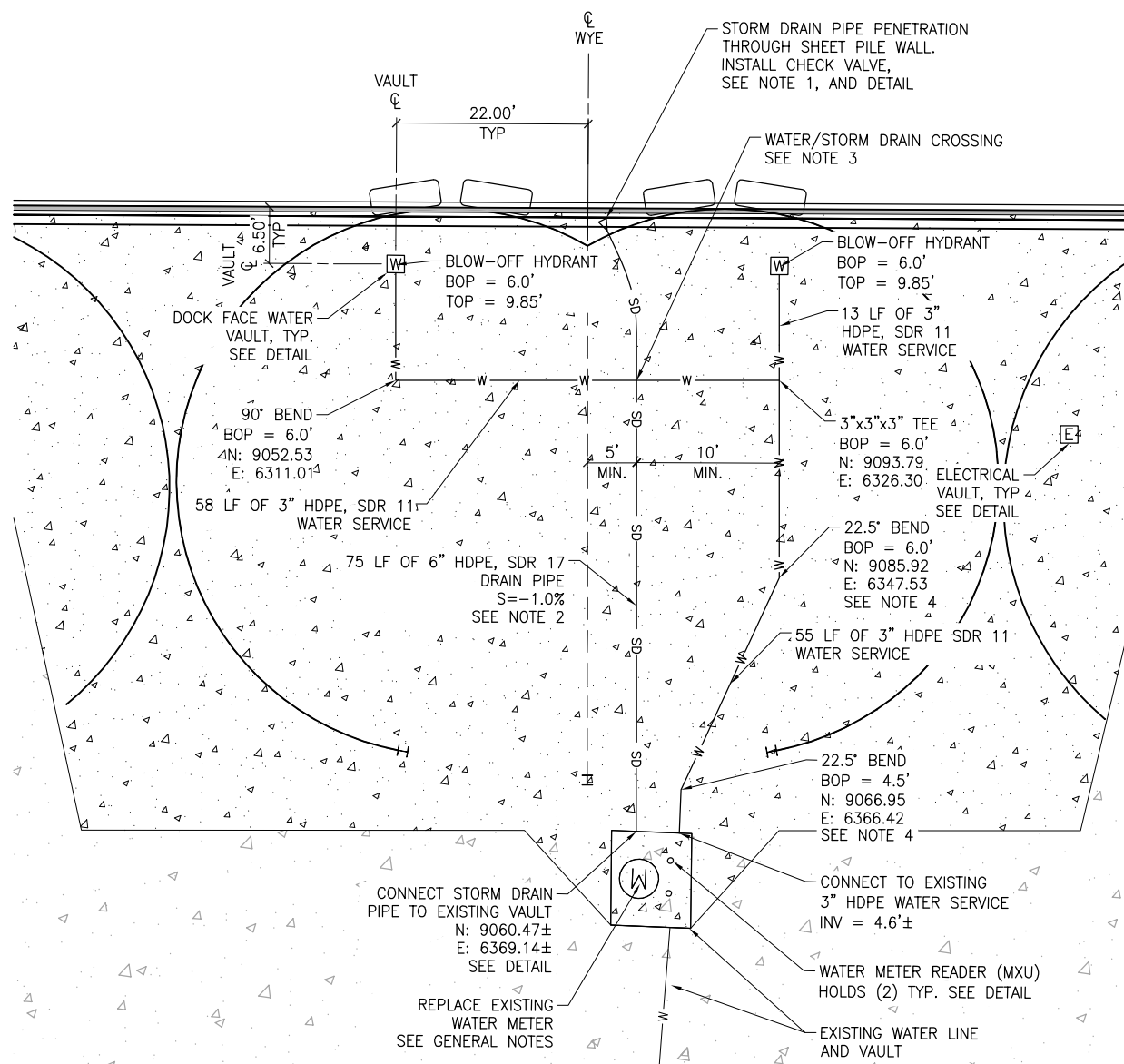


CITY OF UNALASKA
LIGHT CARGO DOCK EXPANSION

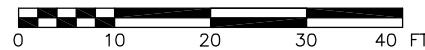
DOCK SECTIONS
(2 OF 2)

DESIGNED BY: CJR DATE: MAY 2016
CHECKED BY: DST PROJECT NO: 151125

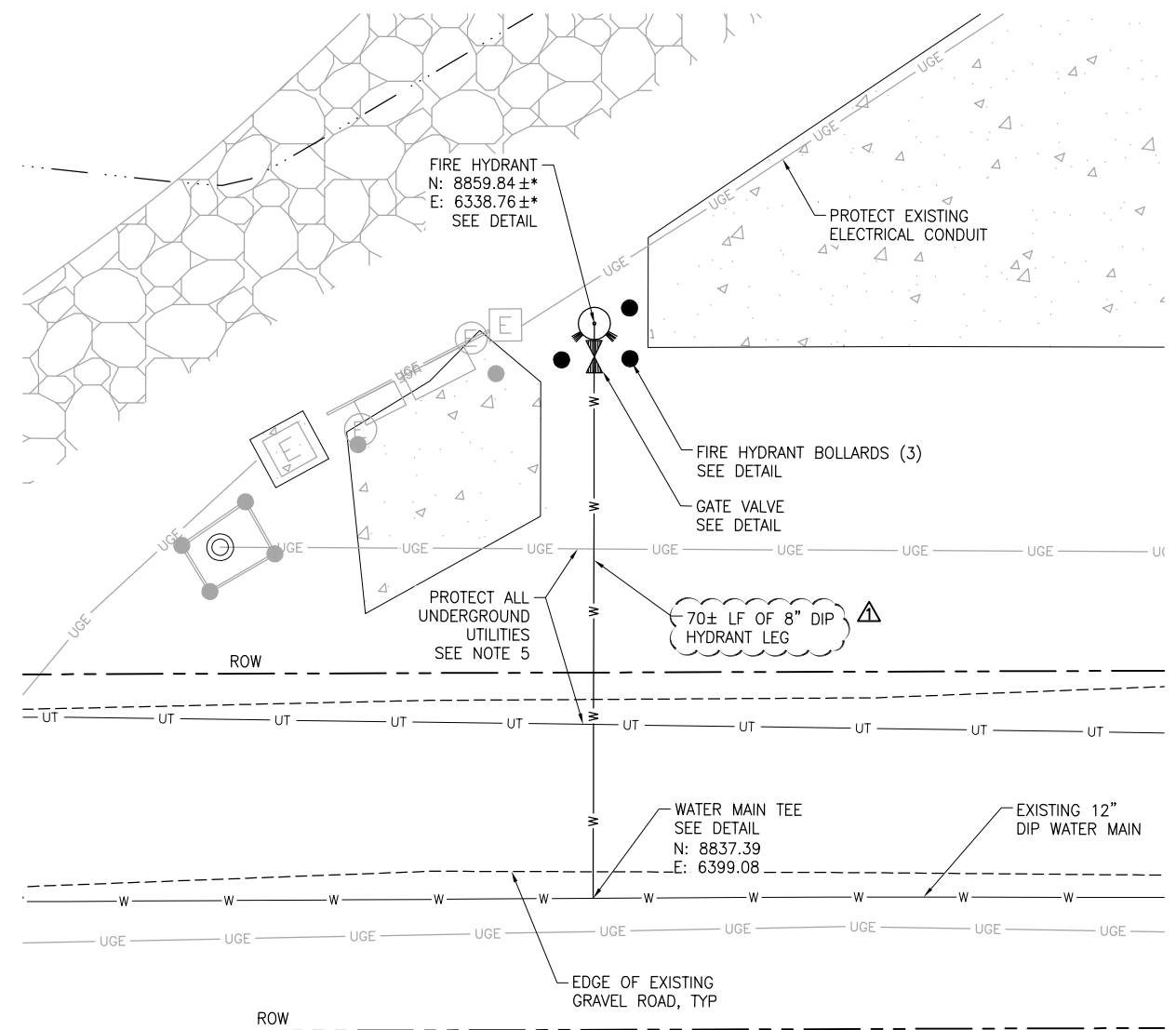
SHEET NO:
8 OF 19



UTILITY PLAN



- NOTES:**
1. SHEET PILE PENETRATION SHALL BE INSTALLED CENTERED ON THE SECOND FULL SHEET FROM THE WYE. SEE GENERAL NOTES AND DETAIL FOR SHEET PILE PENETRATION AND CHECK VALVE INSTALLATION. INVERT IS APPROXIMATE. FINAL INVERT SHALL BE BASED UPON LINE AND GRADE AS SPECIFIED FROM BOTTOM OF VAULT TIE-IN.
 2. RUN STORM DRAIN PIPE PARALLEL TO SHEET PILE TAIL WALL. BEND PIPE TO EXIT SHEET PILE WALL PERPENDICULAR TO THE SHEET FACE. PIPE BEND SHALL NOT BE LESS THAN THE MINIMUM ALLOWABLE RADIUS ACCORDING TO THE MANUFACTURERS WRITTEN INSTRUCTIONS.
 3. PROVIDE A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN WATER AND STORM DRAIN PIPES.
 4. CONTRACTOR MAY BEND WATER SERVICE PIPE IN LIEU OF 22.5' BEND FITTINGS TO ACHIEVE LINE AND GRADE AS SHOWN ON THE PLANS. PIPE BENDS SHALL NOT BE LESS THAN THE MINIMUM ALLOWABLE RADIUS ACCORDING TO THE MANUFACTURERS WRITTEN INSTRUCTIONS.
 5. WATER LINE CROSSINGS WITH TELEPHONE OR ELECTRICAL UTILITIES MAY REQUIRE MINOR REALIGNMENT OF CONDUIT TO AVOID CONFLICT.



FIRE HYDRANT PLAN

* ELECTRICAL CONDUIT EXISTS IN AREA. FIELD ADJUST HYDRANT LOCATION AS REQUIRED AFTER EXPOSING ELECTRICAL CONDUIT WITH ENGINEER APPROVAL.



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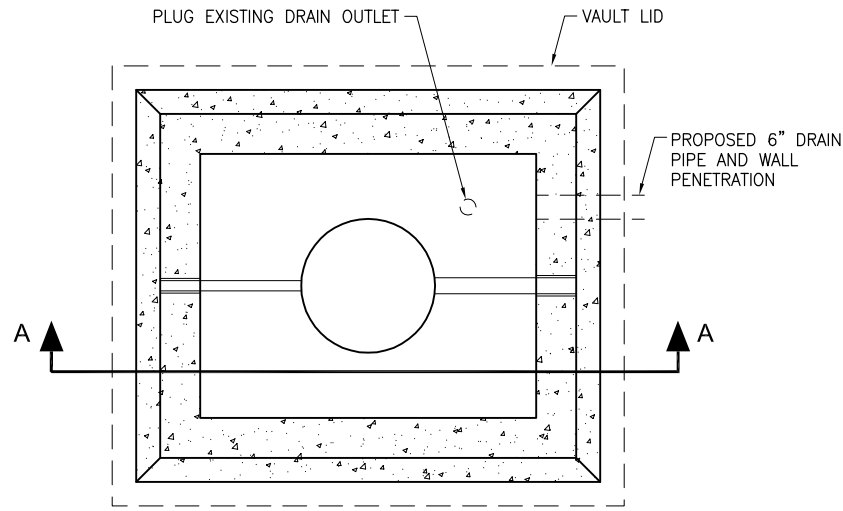


**CITY OF UNALASKA
 LIGHT CARGO DOCK EXPANSION**

TITLE:
UTILITY PLAN

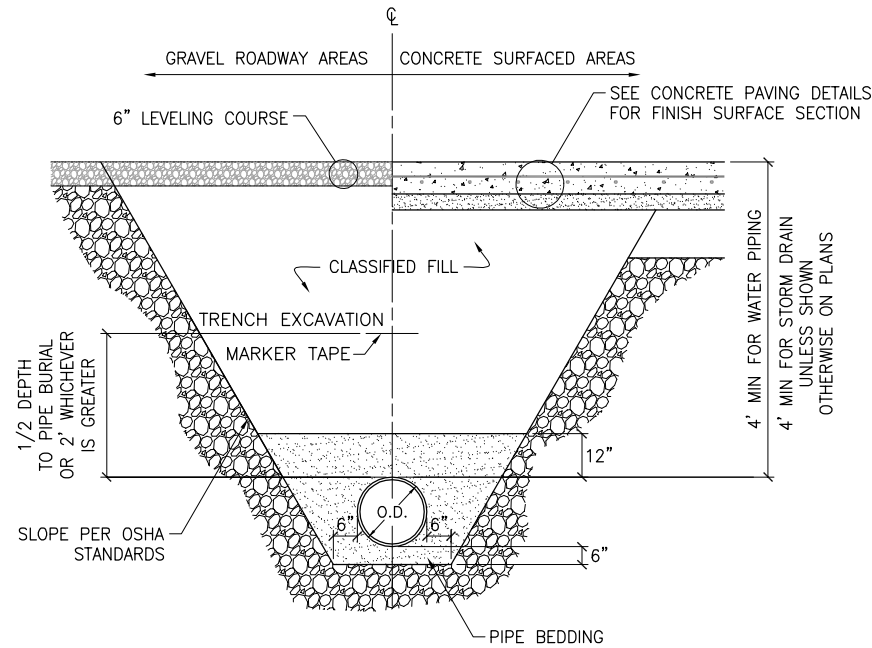
DESIGNED BY: CJR	DATE: MAY 2016
CHECKED BY: DST	PROJECT NO: 151125

SHEET NO:
11 OF 19



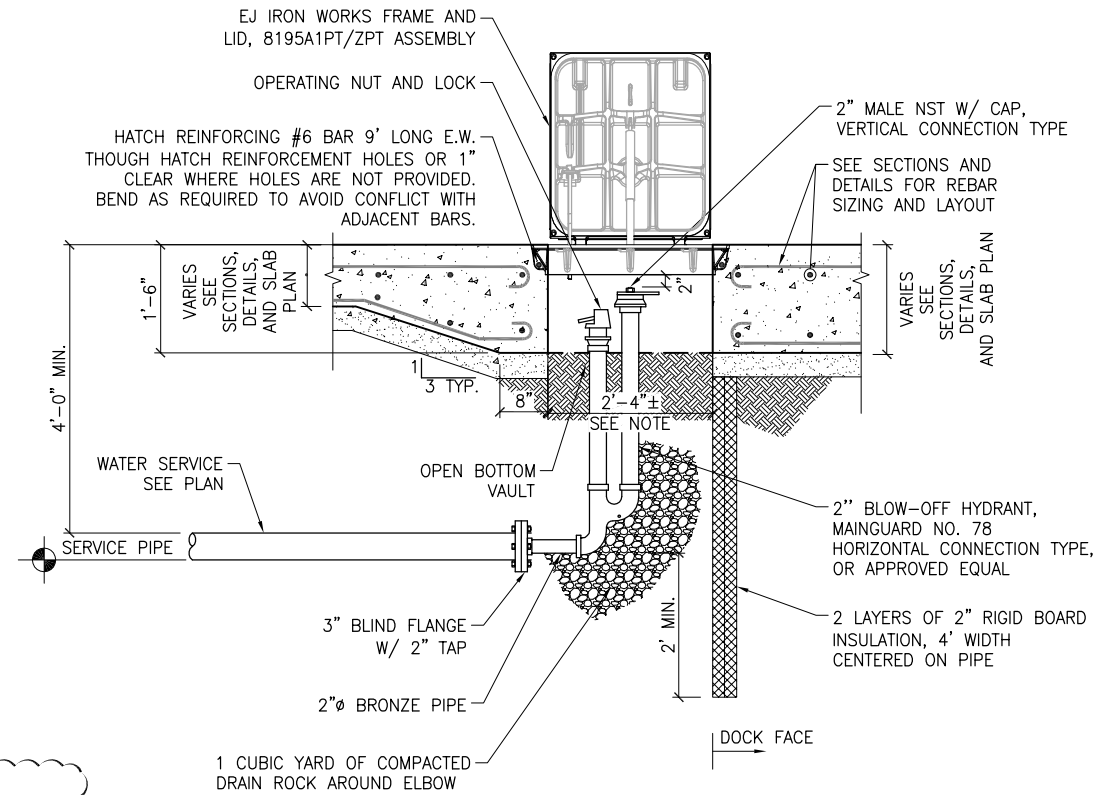
MODIFIED WATER VAULT PLAN

NTS



TYPICAL TRENCH PIPING SECTION

NTS

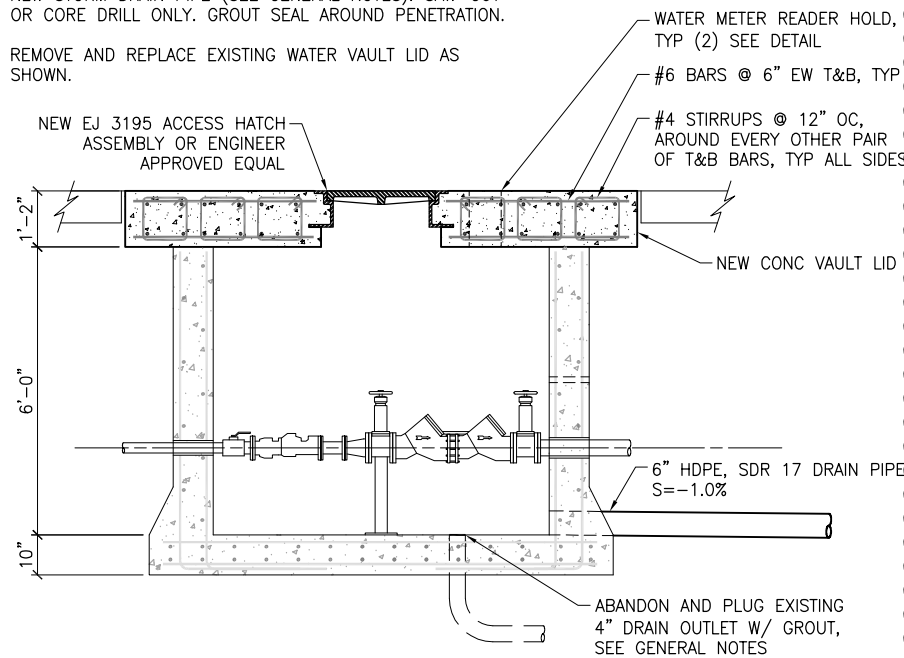


DOCK FACE WATER VAULT SECTION

NTS

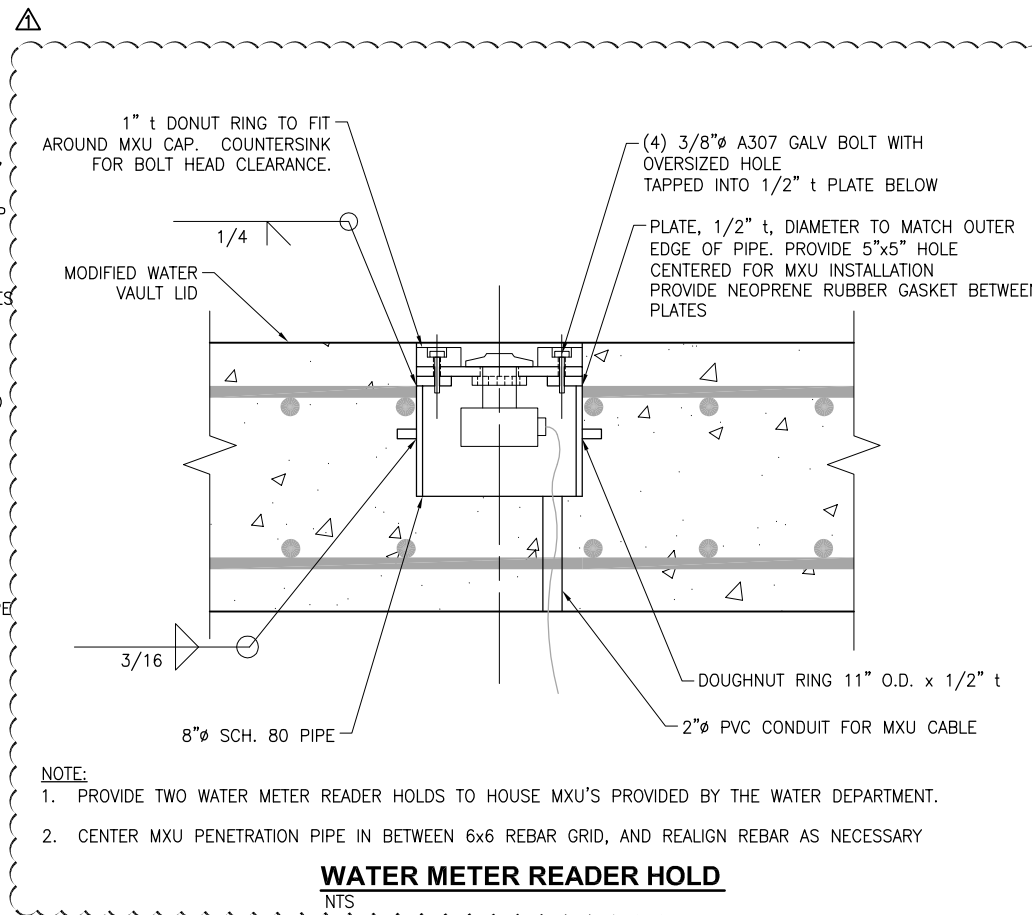
NOTE FOR WATER VAULT:

1. CONSTRUCT WALL PENETRATION AS REQUIRED TO INSTALL NEW STORM DRAIN PIPE (SEE GENERAL NOTES). SAW-CUT OR CORE DRILL ONLY. GROUT SEAL AROUND PENETRATION.
2. REMOVE AND REPLACE EXISTING WATER VAULT LID AS SHOWN.



MODIFIED WATER VAULT SECTION A-A

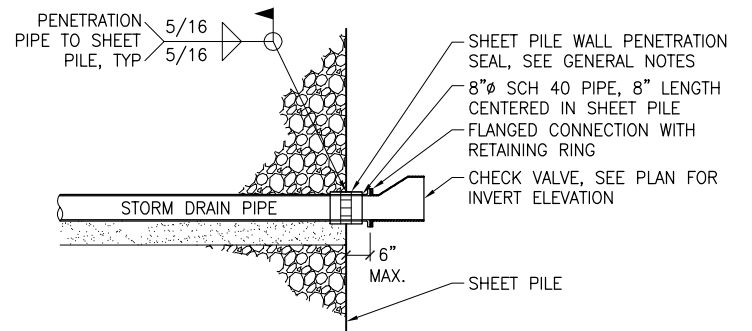
NTS



WATER METER READER HOLD

NTS

NOTE:
VAULT INTERNAL OPENING SHALL MATCH FRAME ASSEMBLY WIDTH, EACH WAY.



NOTES:

1. LONGITUDINAL HARDWARE NOT SHOWN FOR CLARITY. USE BOLTS, LOCK WASHERS, AND NUTS.
2. ALL HARDWARE 316L STAINLESS STEEL SIZED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS
3. CHECK VALVE - TIDEFLEX 35-1 100% EPDM
4. RETAINING RING - TIDEFLEX 316L SS
5. BUTT-FUSE FLANGE CONNECTION TO STORM DRAIN PIPE W/ ANSI B16.10, CLASS 150#, BOLT PATTERN
6. USE SPECIFIED PARTS OR APPROVED EQUAL

STORM DRAIN OUTFALL

NTS



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1	6/16	UPDATES PER ADDENDUM #2

DATE: _____

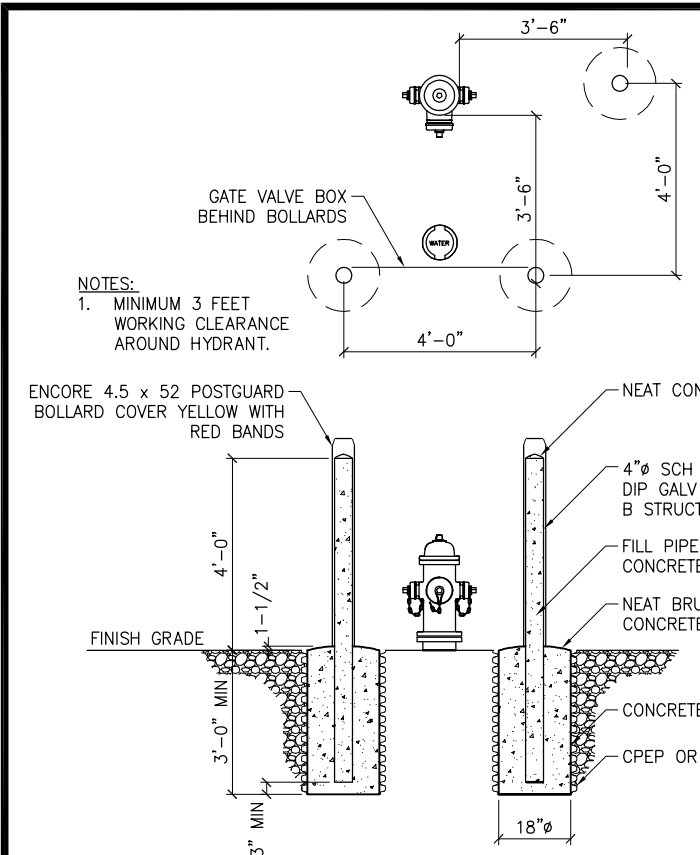
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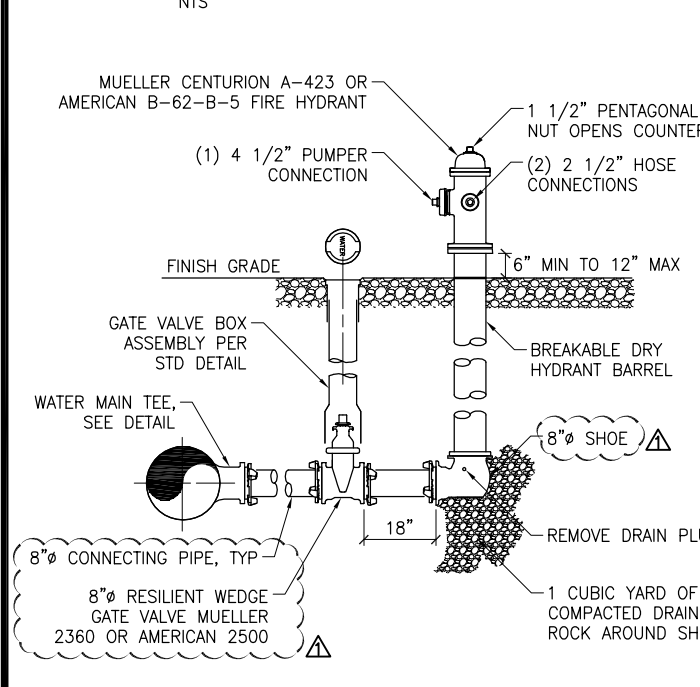
CITY OF UNALASKA
LIGHT CARGO DOCK EXPANSION

UTILITY DETAILS
(1 OF 2)

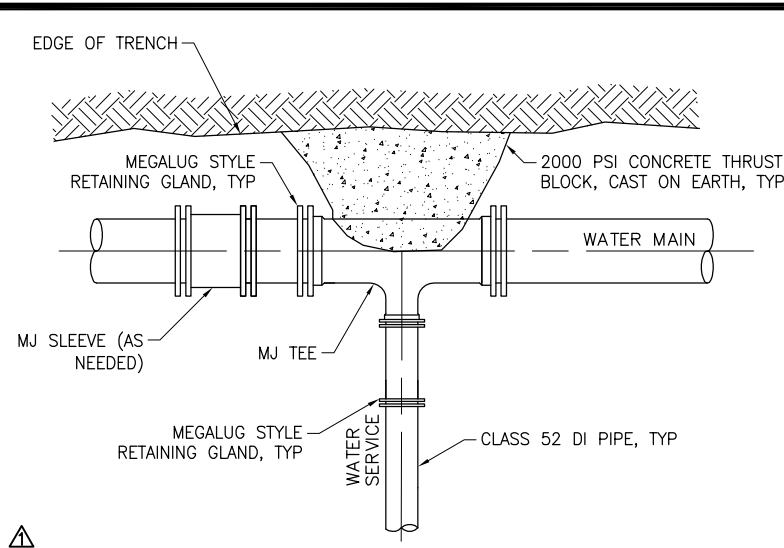
DESIGNED BY: CJR	DATE: MAY 2016	SHEET NO: 12 OF 19
CHECKED BY: DST	PROJECT NO: 151125	



FIRE HYDRANT AND BOLLARDS
NTS



FIRE HYDRANT
NTS

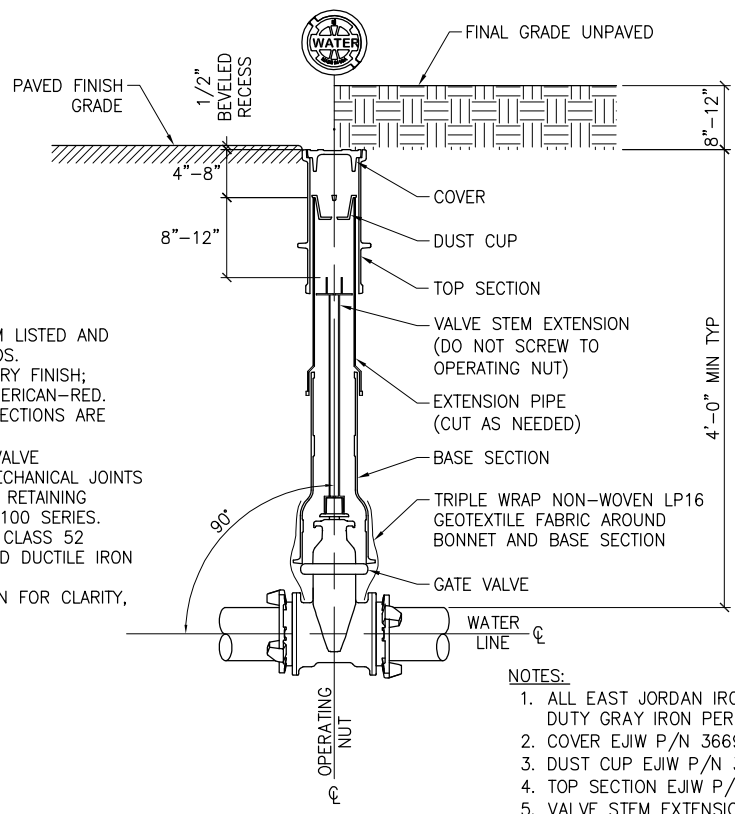


THRUST BLOCK SIZE TABLE

SERVICE PIPE SIZE	MIN CONC BASE AREA SQ.FT.	TEE PIPE FITTING
8"		2.5

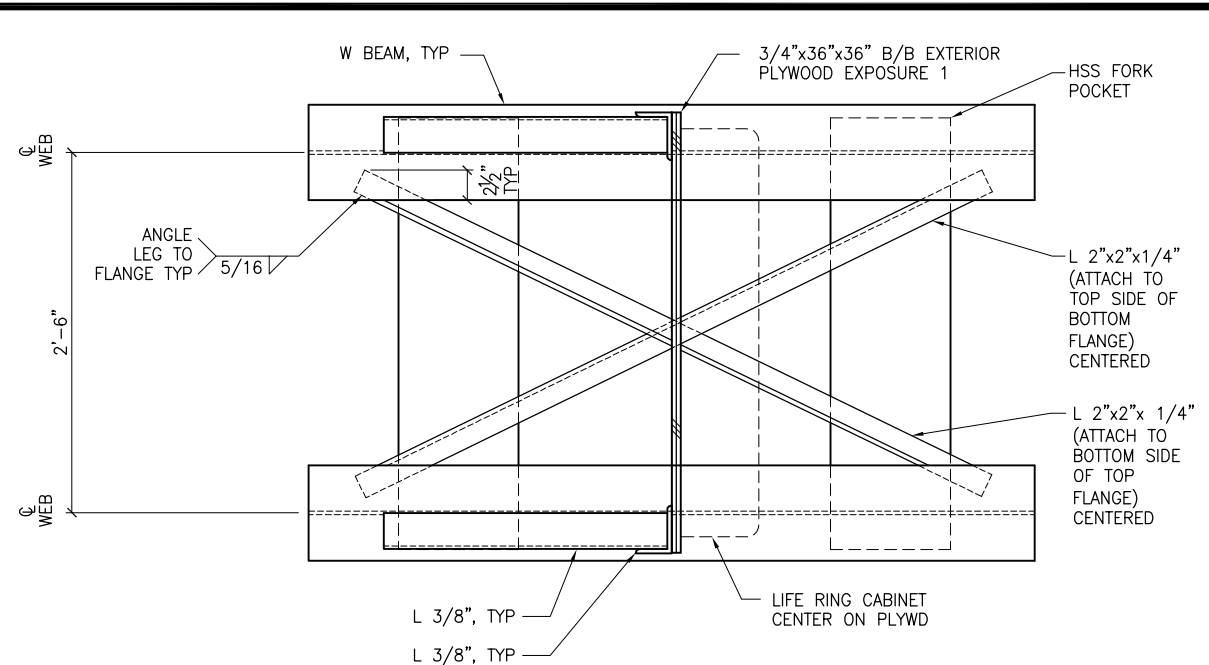
WATER MAIN TEE PLAN VIEW
NTS

- NOTES:**
- RESTRAINED JOINT PIPE SHALL BE RESTRAINED WITH MEGALUG STYLE GLANDS OR EQUAL.
 - ALL PIPE SHALL BE WRAPPED WITH AN 8 MIL POLYETHYLENE WRAP.



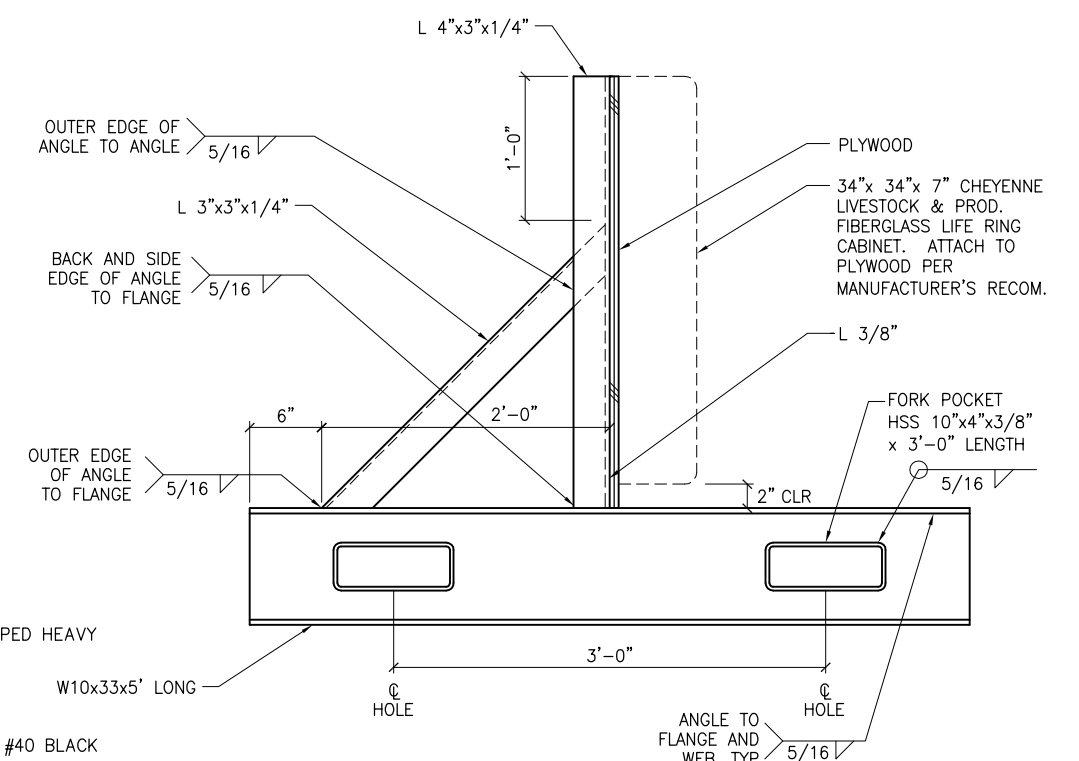
GATE VALVE BOX
NTS

- NOTES:**
- ALL EAST JORDAN IRON WORKS (EJIW) PARTS DIPPED HEAVY DUTY GRAY IRON PER ASTM A48 CL35B.
 - COVER EJIW P/N 366952.
 - DUST CUP EJIW P/N 366980.
 - TOP SECTION EJIW P/N 366918.
 - VALVE STEM EXTENSION WESTEEL MILD STEEL W/ #40 BLACK VITONIC PAINT.
 - EXTENSION PIPE ASTM A 74 5"Ø SINGLE HUB SV CAST IRON SOIL PIPE.
 - BASE SECTION EJIW P/N 85556024.



MOBILE LIFE RING STAND - PLAN

- NOTES:**
- ALL STANDS SHALL CONTAIN COAST GUARD APPROVED 30" LIFE RINGS AND 100' OF 1/2" DIA. FLEXIBLE NYLON ROPE. STANDS SHALL BE PAINTED CAUTION ORANGE.
 - (4) TOTAL LIFE RING STANDS ON LIGHT CARGO DOCK DOCK.



MOBILE LIFE RING STAND - ELEVATION
(4 TOTAL)



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PROJECT: **CITY OF UNALASKA LIGHT CARGO DOCK EXPANSION**
TITLE: **UTILITY DETAILS (2 OF 2)**
DESIGNED BY: CJR DATE: MAY 2016
CHECKED BY: DST PROJECT NO: 151125

SHEET NO: **13** OF 19

Attachment #3

Pre Bid Meeting Minutes

CITY OF UNALASKA LIGHT CARGO DOCK EXPANSION

PRE-BID MEETING MEETING MINUTES

June 2, 2016
2:00 PM (Alaska)

ATTENDEES:

In Dutch Harbor @ COU Public Works:

Rod Rushing, **Aleutian Electrical**
Tyler Zimmerman, **TZ Engineering**
Aaron Roberts, **BKR Associates**
Tom Cohenour, Scott Brown, and Robert Lund, **City of Unalaska**

In Anchorage @ PND Engineers:

Joe Pihlaja, George Tipner, and Dave Montgomery, **Orion Marine**
Jason Davis and Buck Rockafellow, **Turnagain Marine Construction**
Archie Stepp, **Northern Alaska Contractors**
Dempsey Thieman, Corey Roche, and Josh Gray, **PND Engineers**

Elsewhere (via telephone):

Mike Swalling, **Swalling Construction**
Mike Bruce, **Puffin Electric**
Ryan Costanti, **Smokey Point Concrete**
Tom Regan, **Regan Engineering**
Randy Scott, **T Bailey Inc**
Brian Nelson, **Morris Engineering**

MEETING NOTES:

1. PND performed a Drawing Package Review. The following items were addressed and/or clarified during the review:
 - a. A Silt curtain will be required if a silt plume is created. *Furthermore per the ADEC Certificate of Reasonable Assurance, "The material must be contained with siltation best management practices (BMPs) to preclude reentry into any waters of the U.S., which includes wetlands."*
 - b. SWPPP is not required since project area is less than one acre.
 - c. The (2) existing 36"Ø king piles in the project area may be removed at the contractors option.
 - d. Direct coordination with Harbor Master is required to maintain port operations on one side of Light Cargo Dock throughout project duration.
 - e. Sheet pile installation will not conflict with the fins of the existing SPIN FIN™ king pile if left in place.
 - f. Existing sheet pile locations shown on the drawings are based on survey information.

- g. Sheet 7/8 - Dock Sections: (*The following items are captured in the attached revised drawing*)
 - i. The infield beam bearing stiffener weld is to be welded with a CJP at bottom of stiffener, and 5/16" fillet weld on sides and top of stiffener.
 - ii. Section D-D: New to Existing Face Beam, T&B typ. is a field weld.
 - iii. Shear studs are to be galvanized.
 - h. Sheet 11/12/13- Hydrant leg revised to 8" DIP, single pumper hydrant to remain. (*Depicted in the attached revised drawing*)
 - i. General Notes: (*The following items are captured in the attached revised drawing*)
 - i. Compaction to be performed by Contractor, City may perform QA.
 - ii. Salvaged armor rock to be stockpiled at Latitude 54 building.
 - iii. Contractor to perform QA/QC on concrete.
 - iv. ACI certification for flatwork technician/finisher is required.
 - v. Wet cure of concrete is required.
 - j. Additive Alternates 1 & 2 deleted via Addendum #1 since the USACE Permit has been obtained.
 - k. Electrical Sheets:
 - i. Visors to be installed on lights
 - ii. Compatibility question between the existing breaker circuitry and new GFI receptacles are to be addressed in Addendum #2.
2. PND performed a Review of the Contract Documents. The following items were addressed and/or clarified during the review:
- a. A contractor inquired if past site visits to the project location will satisfy the contracts site visit requirement. This item is to be in Addendum #2.
3. PND performed a Review of the Supplemental Conditions:
- a. No questions or comments.
4. PND performed a Review of Addendum 1:
- a. No questions or comments.

Addendum 2 will address the above comments, will include the final signed permit package, and will be available by June 8th, 2016.