



**US Army Corps  
of Engineers®**  
New England District  
696 Virginia Road  
Concord, MA 01742-2751

# PUBLIC NOTICE

**Comment Period Begins: October 13, 2015**  
**Comment Period Ends: November 13, 2015**  
**File Number: NAE-2004-525**  
**In Reply Refer To: Christine Renzoni**  
**Phone: (978) 318-8026**  
**E-mail: christine.m.renzoni@usace.army.mil**

The District Engineer has received a permit application to conduct work in waters of the United States from Nicholas Iselin of Lend Lease Development, Inc., 20 City Square, 2<sup>nd</sup> Floor, Boston, Massachusetts. This work is proposed in Boston Inner Harbor at 25-65 Lewis Street, East Boston, Massachusetts. The site coordinates are: Latitude 42° 22' 03.1" N Longitude 71° 02' 29.9" W.

The work involves the removal of existing pile fields and piers, dredging, stabilization of seawalls through the placing of rip rap, creation of new seawalls, installing an overlook pier and floating dock system, placing four stormwater drain outfalls and associated splash pads, and the creation of a living shoreline that will include the construction of a wetland, a kayak ramp, and a small rocky beach. Impacts will total 63,071 square feet of subtidal and intertidal area.

The work is shown on the attached plans entitled "Project Site Plan", "Aerial View of Existing Site", "Elevated Perspective Looking North" and "Application by Noddle Island Limited Partnership," on 31 sheets, and dated June 25, 2015.

Activities must be designed and constructed to avoid and minimize adverse effects both temporary and permanent, to waters of the United States to the **maximum** extent practicable at the project site. Mitigation in all of its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) is required to the extent necessary to ensure that the adverse effects to the aquatic environment are no more than minimal.

## **AUTHORITY**

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

**CENAE-R**  
**FILE NO. NAE-2004-525**

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

**ESSENTIAL FISH HABITAT**

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

This project will impact 1.44 acres of Essential Fish Habitat (EFH) for those species listed on the attached table. This habitat consists of intertidal and subtidal areas consisting of coarse materials including manmade rubble, rock, brick, concrete, slag, and coarse sand. Loss of this habitat may adversely affect American plaice, Atlantic butterfish, Atlantic cod, Atlantic halibut, Atlantic herring, Atlantic mackerel, Atlantic wolfish, black sea bass, bluefin tuna, bluefish, haddock, ocean pout, pollock, red hake, silver hake, white hake, white shark, windowpane flounder, winter flounder, and yellowtail flounder. Tidal waters in and adjacent to the Clippership Wharf site provide spawning, nursery, and foraging habitat for the fishery species. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

**NATIONAL HISTORIC PRESERVATION ACT**

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general

- vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s).

### **ENDANGERED SPECIES CONSULTATION**

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

### **COASTAL ZONE MANAGEMENT**

The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

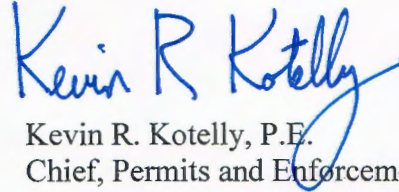
In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Christine Renzoni at (978) 318-8026, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

CENAE-R  
FILE NO. NAE-2004-525

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



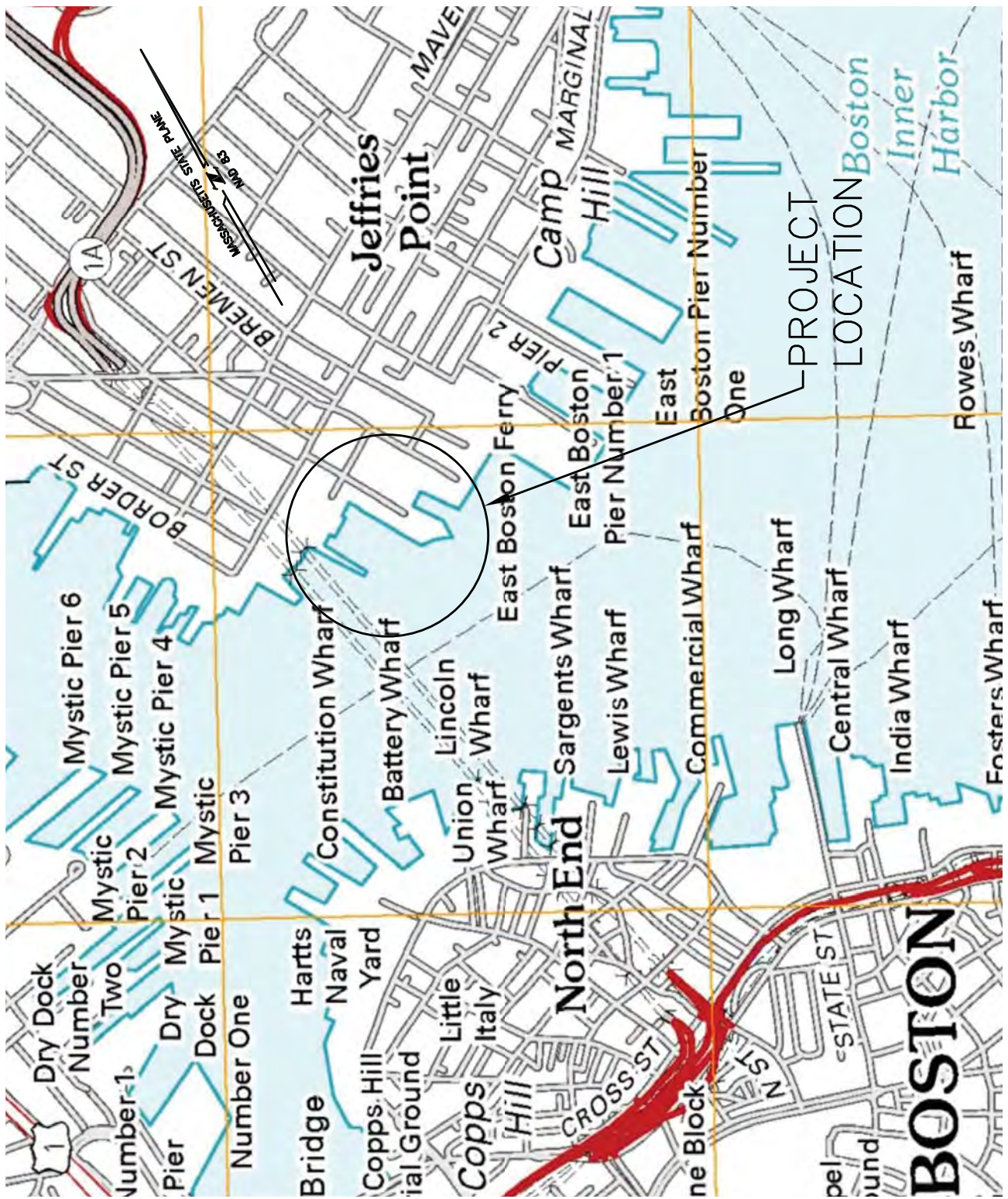
Kevin R. Kotelly, P.E.  
Chief, Permits and Enforcement Branch  
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

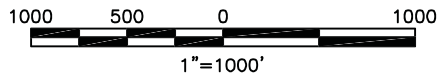
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
PHONE: \_\_\_\_\_

Essential Fish Habitat for NAE-2002-525 Clippership Wharf

Species	Scientific Name	Life Stage				
		Eggs	Larvae	Juvenile	Adult	All Life Stages
American Plaice	<i>Hippoglossoides platessoides</i>	X	X	X	X	X
Atlantic Butterfish	<i>Peprilus triacanthus</i>	X	X			X
Atlantic Cod	<i>Gadus morhua</i>	X	X	X	X	X
Atlantic Halibut	<i>Hippoglossus hippoglossus</i>	X	X	X	X	X
Atlantic Herring	<i>Clupea harengus</i>		X	X	X	X
Atlantic Mackerel	<i>Scomber scombrus</i>	X	X	X	X	X
Atlantic Wolffish	<i>Anarhichas lupus</i>	X	X	X	X	X
Black Sea Bass	<i>Centropristis striata</i>				X	
Bluefin Tuna	<i>Thunnus thynnus</i>				X	
Bluefish	<i>Pomatomus saltatrix</i>			X	X	X
Haddock	<i>Melanogrammus aeglefinus</i>	X	X			X
Ocean Pout	<i>Macrozoarces americanus</i>			X	X	X
Pollock	<i>Pollachius virens</i>	X	X	X		X
Red Hake	<i>Urophycis chuss</i>	X		X		X
Silver Hake	<i>Merluccius bilinearis</i>	X	X	X	X	X
White Hake	<i>Urophycis tenuis</i>	X	X	X	X	X
White Shark	<i>Carcharodon carcharias</i>					X
Windowpane Flounder	<i>Scophthalmus aquosus</i>	X	X	X	X	X
Winter Flounder	<i>Pseudopleuronectes americanus</i>	X	X	X	X	X
Yellowtail Flounder	<i>Limanda ferruginea</i>	X	X	X	X	X



**LOCUS PLAN**



DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'  
 HTL = 6.64'

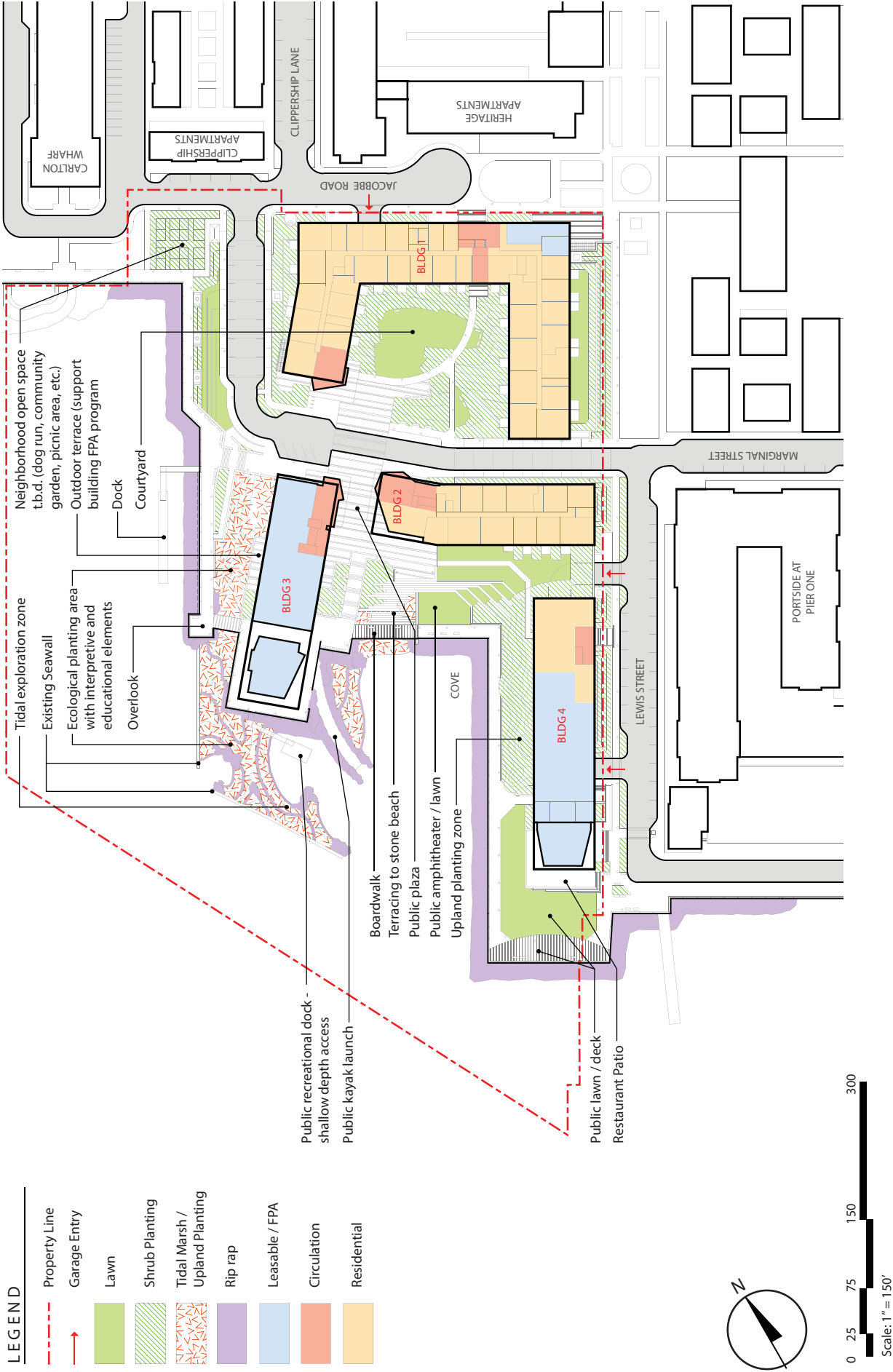
NITSCH ENGINEERING, INC.  
 2 CENTER PLAZA, BOSTON, MA 02108

APPLICATION BY:  
 NODDLE ISLAND LIMITED  
 PARTNERSHIP  
 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

IN: EAST BOSTON  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 1 OF 30 DATE: 6/25/15



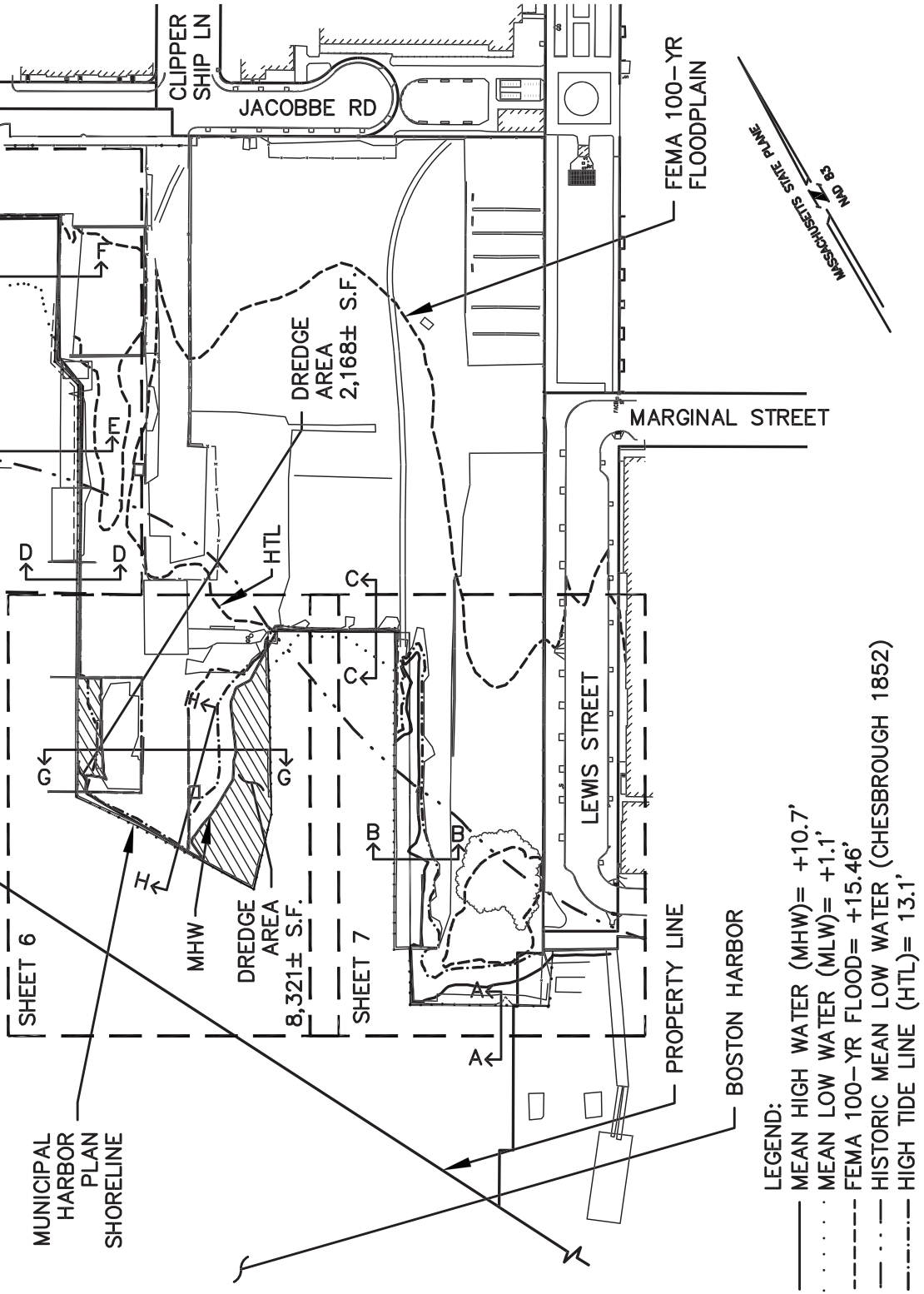






**NOTES:**

1. ELEVATIONS SHOWN ARE BASED ON BOSTON CITY BASE (BCB). TO CONVERT NAVD 88 APPLY THE FOLLOWING FORMULA:  
 $BCB - 6.46 = NAVD 88$   
 MLW IS ALONG THE EX. SEAWALL UNLESS OTHERWISE SHOWN.
- 2.



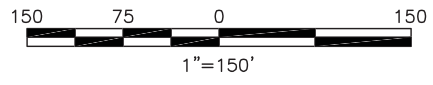
**LEGEND:**

- MEAN HIGH WATER (MHW) = +10.7'
- · · · MEAN LOW WATER (MLW) = +1.1'
- - - - FEMA 100-YR FLOOD = +15.46'
- · - · HISTORIC MEAN LOW WATER (CHESBROUGH 1852)
- - - - HIGH TIDE LINE (HTL) = 13.1'

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
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NITSCH ENGINEERING, INC.  
 2 CENTER PLAZA, BOSTON, MA 02108

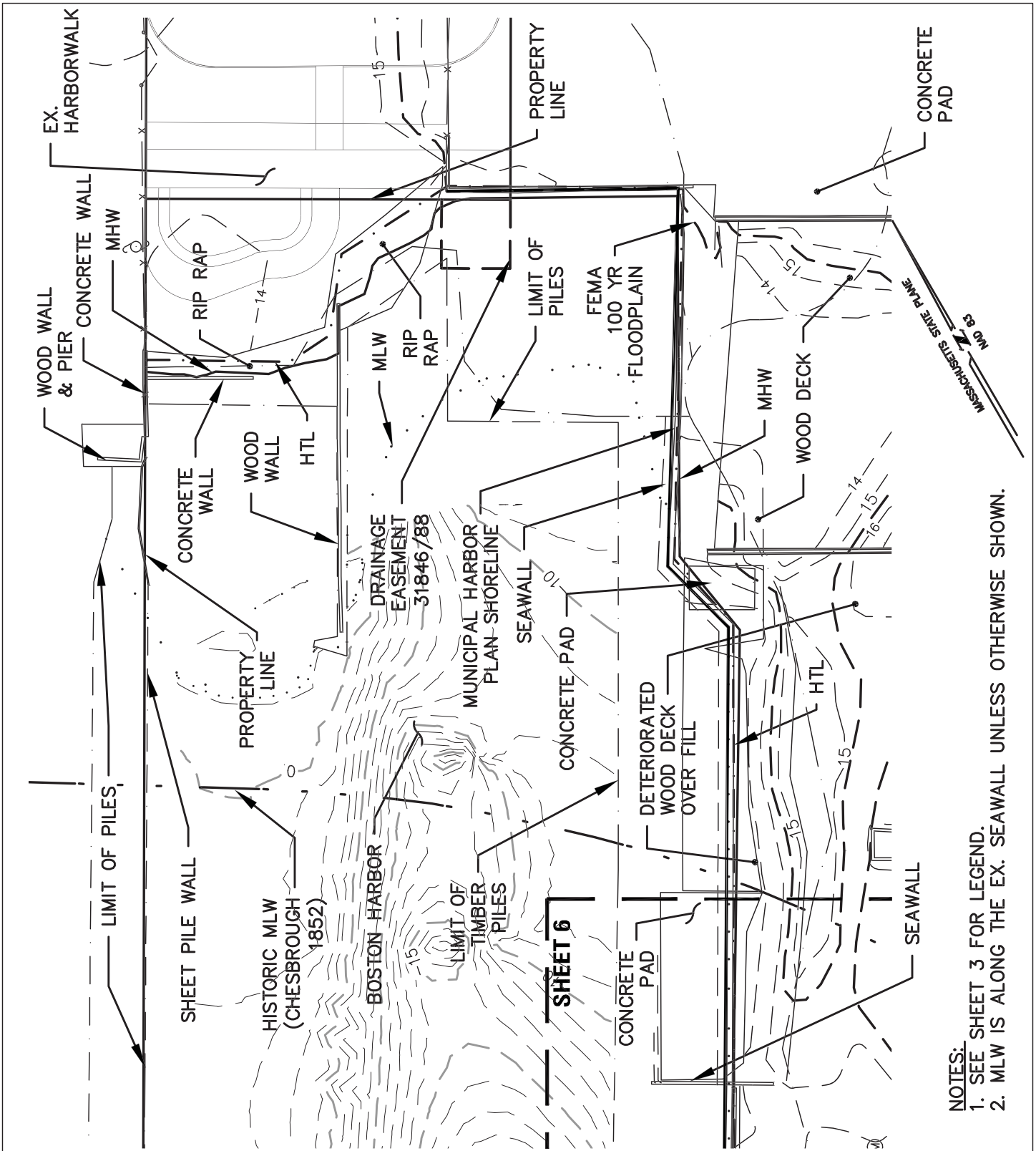
**EX. CONDITIONS KEY**



APPLICATION BY:  
 NODDLE ISLAND LIMITED PARTNERSHIP  
 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

IN: EAST BOSTON  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 4 OF 30 DATE: 6/25/15

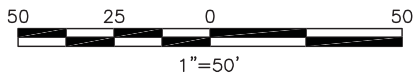


NOTES:  
 1. SEE SHEET 3 FOR LEGEND.  
 2. MLW IS ALONG THE EX. SEAWALL UNLESS OTHERWISE SHOWN.

DATUM: NAVD88 = 0.0'  
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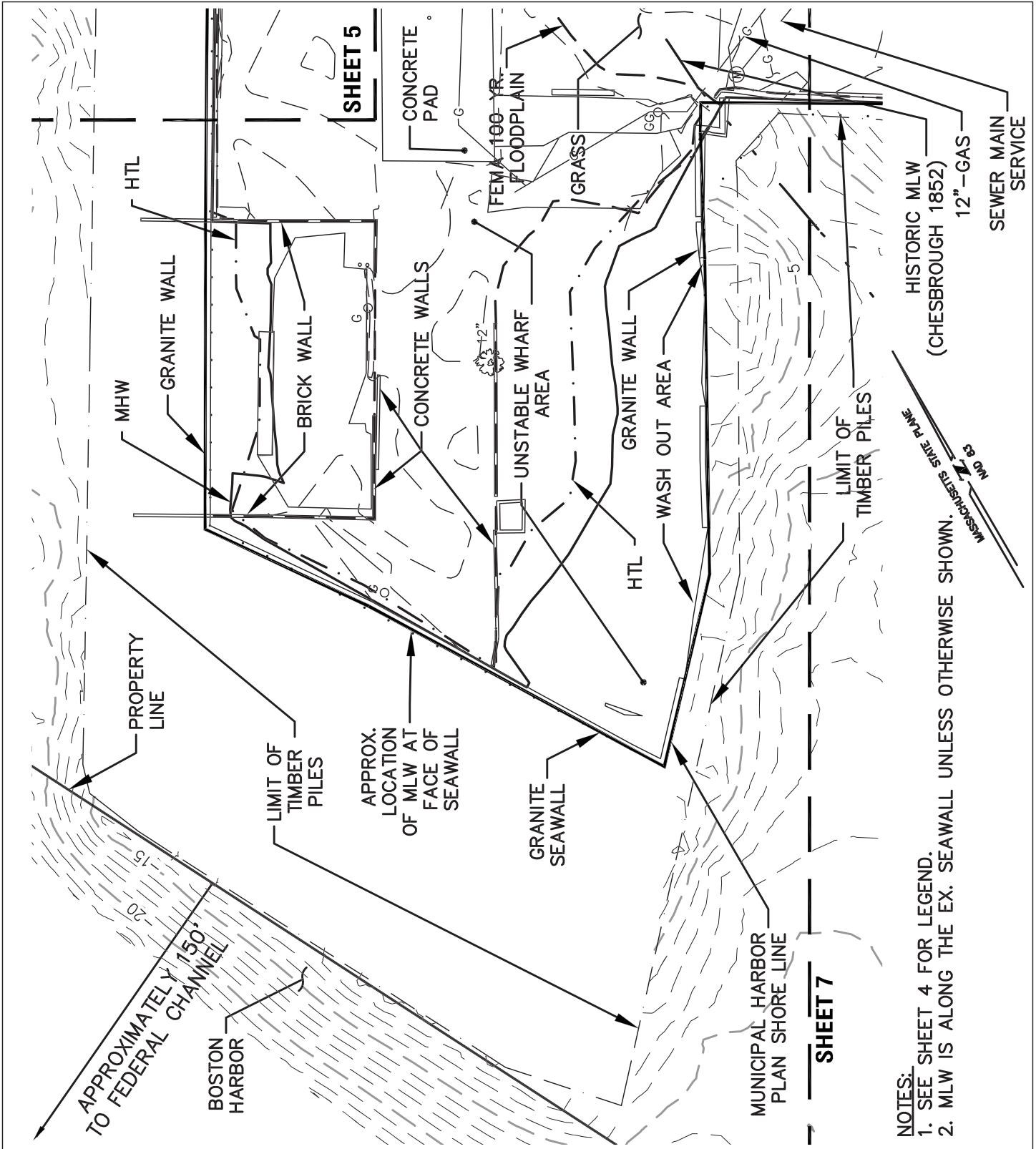
### EX. CONDITIONS PLAN



APPLICATION BY:  
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 6 FANEUIL HALL MARKETPLACE  
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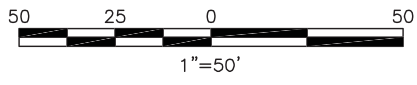


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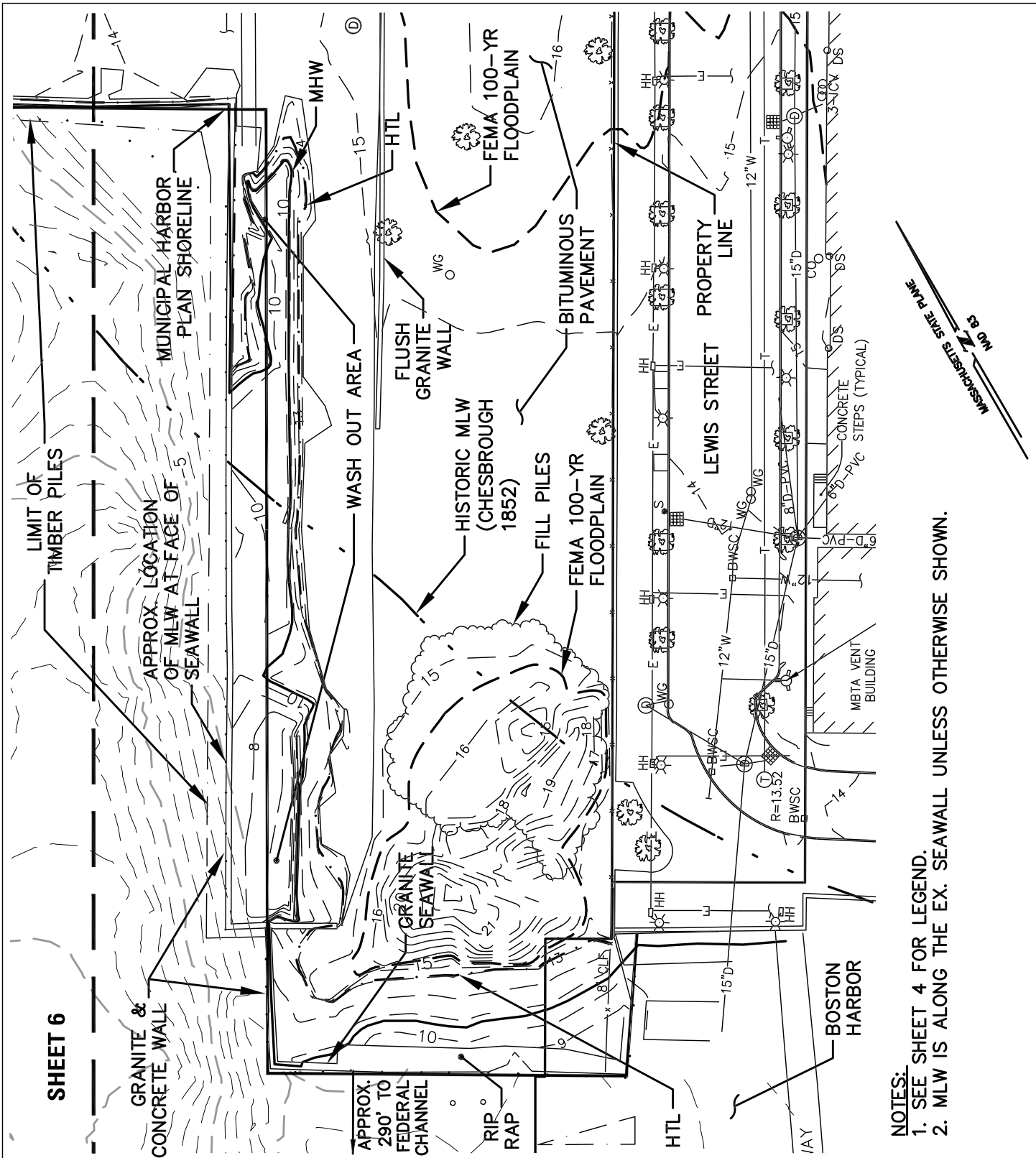
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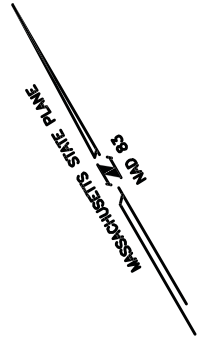
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 COUNTY: SUFFOLK STATE: MA

SHEET 6 OF 30 DATE: 6/25/15



**SHEET 6**

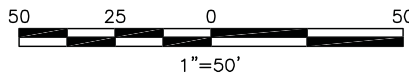


**NOTES:**  
 1. SEE SHEET 4 FOR LEGEND.  
 2. MLW IS ALONG THE EX. SEAWALL UNLESS OTHERWISE SHOWN.

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NITSCH ENGINEERING, INC.  
 2 CENTER PLAZA, BOSTON, MA 02108

**EX. CONDITIONS PLAN**



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IN: EAST BOSTON  
 AT: CLIPPERSHIP WHARF  
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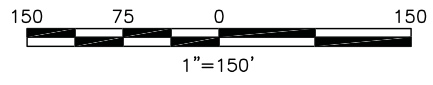
SHEET 7 OF 30 DATE: 6/25/15

**NOTES:**  
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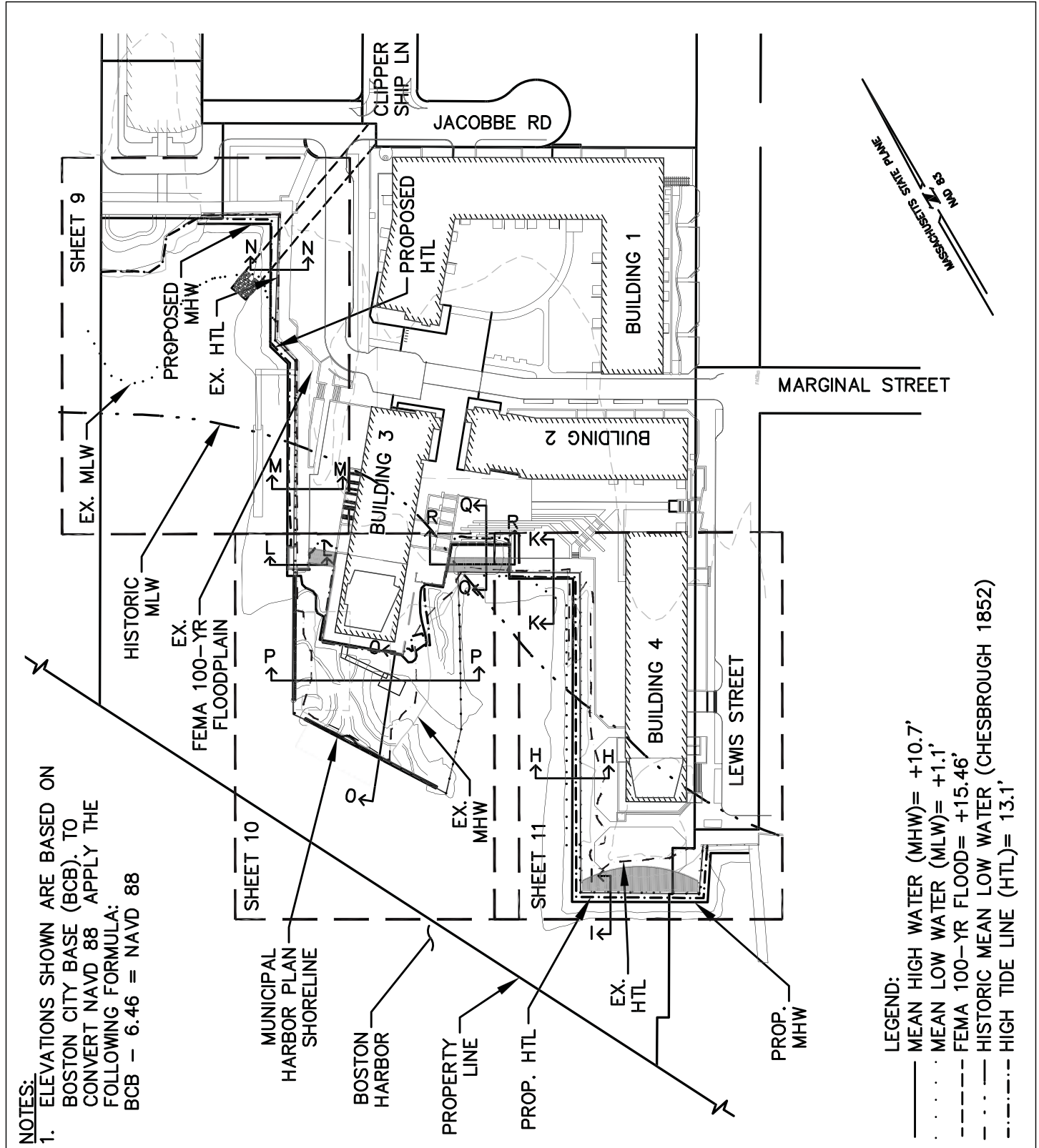
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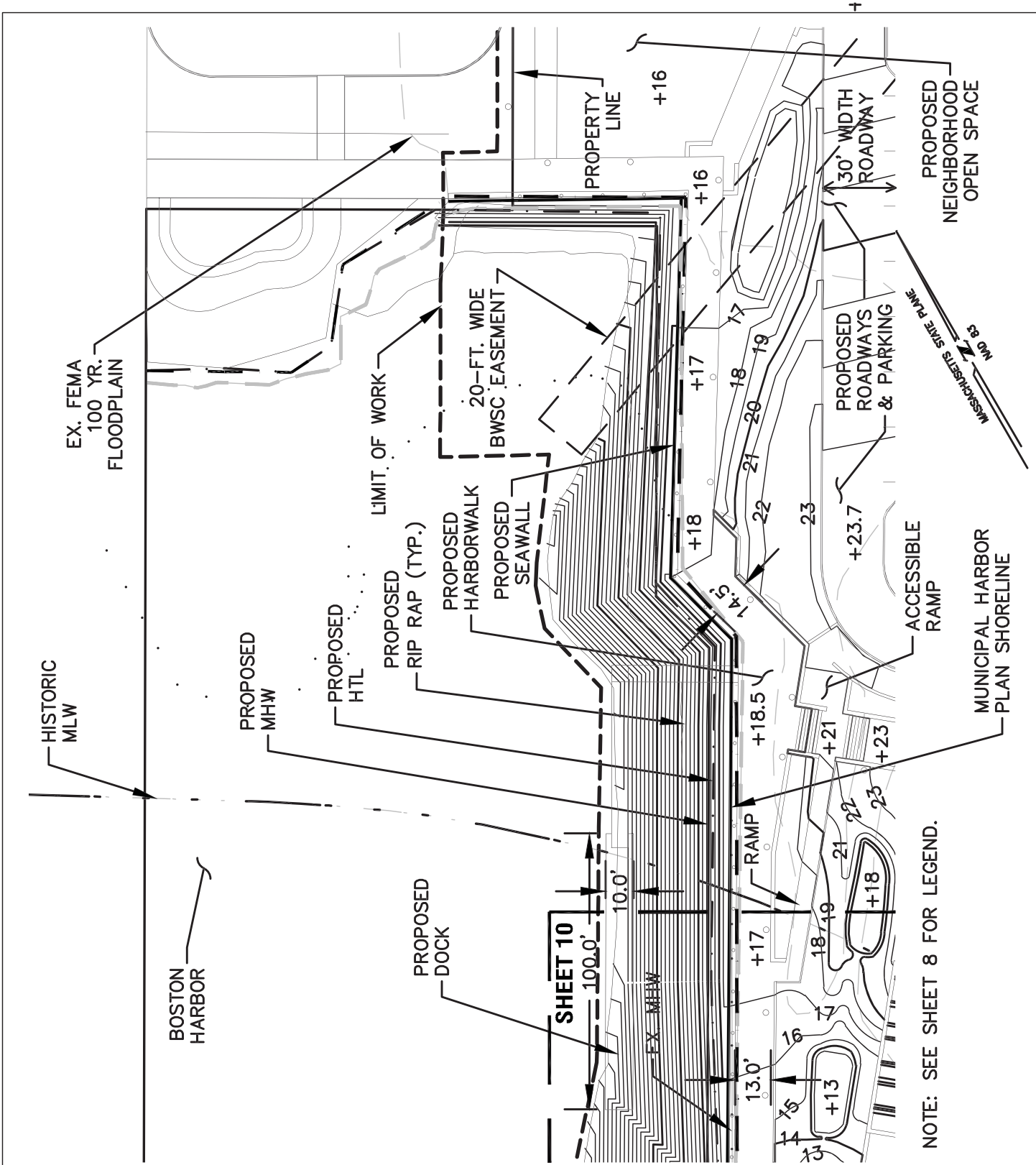
APPLICATION BY:  
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SHEET 8 OF 30 DATE: 6/25/15



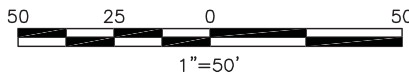
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### PROP CONDITIONS PLAN

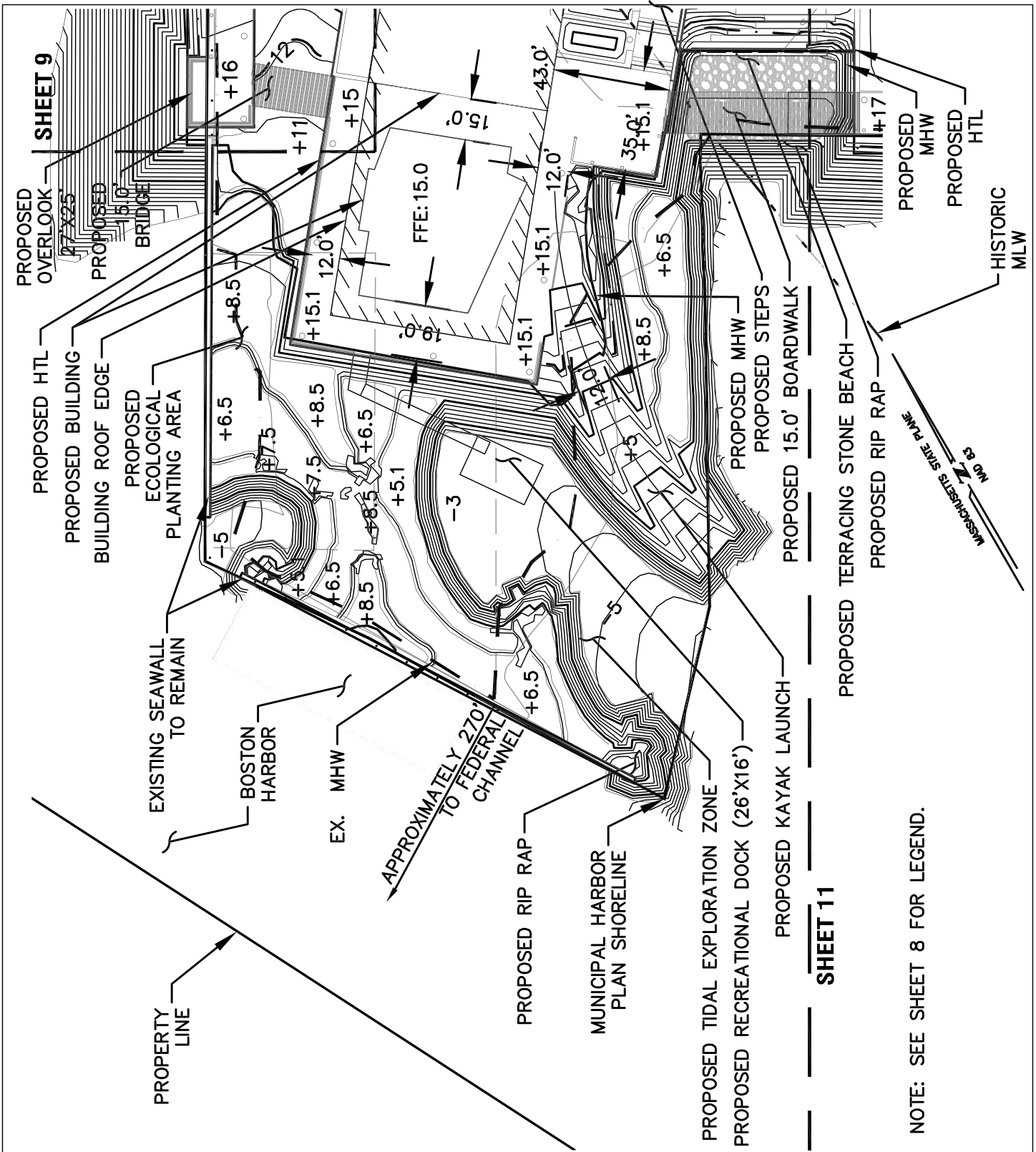


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IN: EAST BOSTON  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 9 OF 30 DATE: 6/25/15

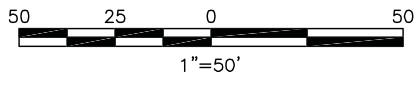
NOTE: SEE SHEET 8 FOR LEGEND.



DATUM: NAVD88 = 0.0'  
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**PROP. CONDITIONS PLAN**

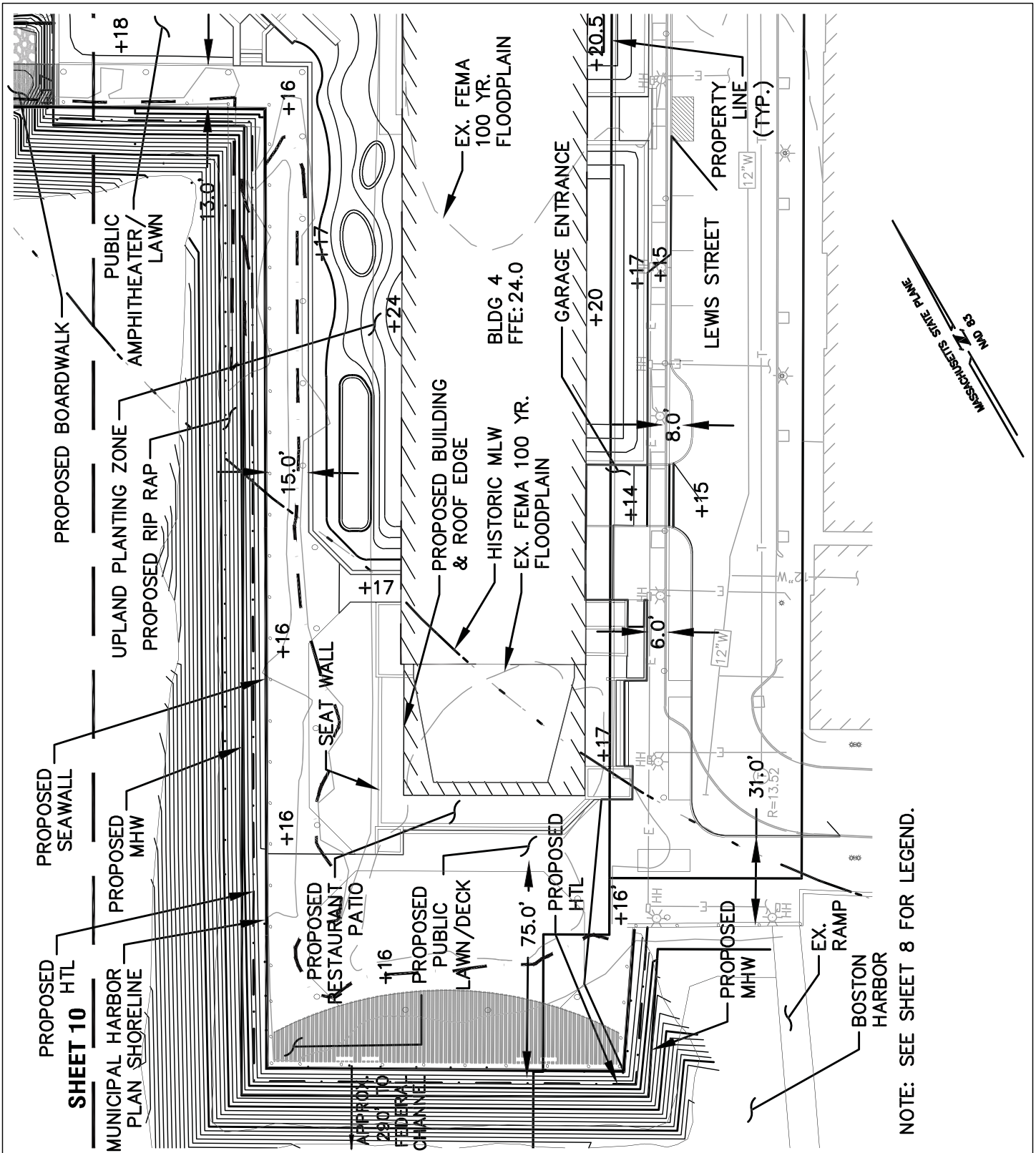


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IN: EAST BOSTON  
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 COUNTY: SUFFOLK STATE: MA

SHEET 10 OF 30 DATE: 6/25/15





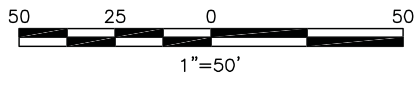
NO. 83  
 MASSACHUSETTS STATE PLANE

NOTE: SEE SHEET 8 FOR LEGEND.

**PROP. CONDITIONS PLAN**

DATUM: NAVD88 = 0.0'  
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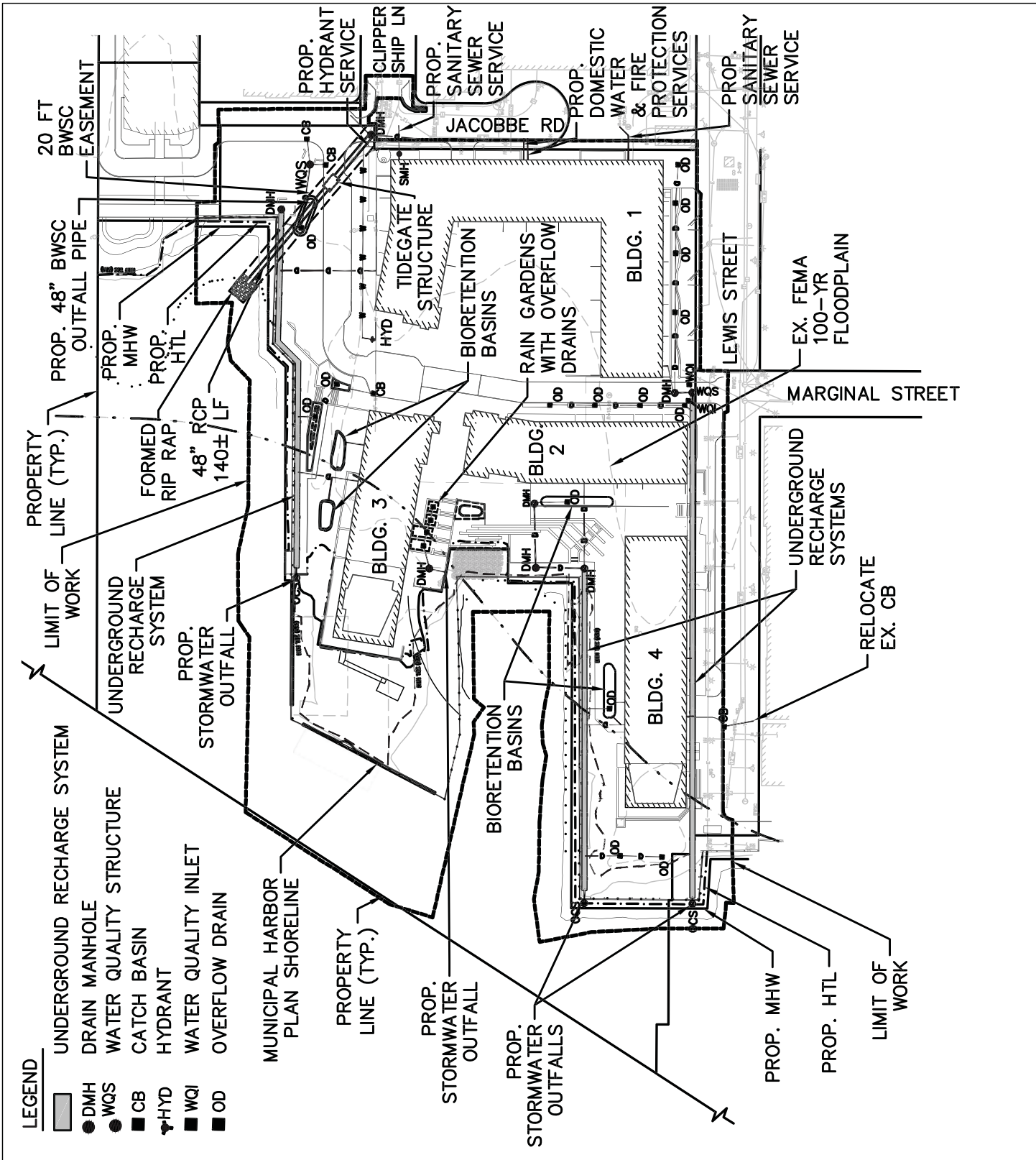
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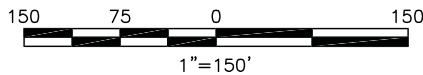
SHEET 11 OF 30 DATE: 6/25/15



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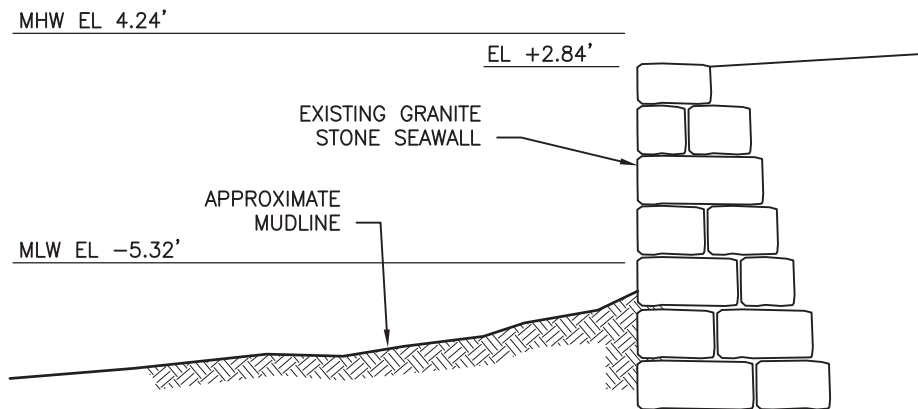
### PROP. UTILITY PLAN



APPLICATION BY:  
 NODDLE ISLAND LIMITED  
 PARTNERSHIP  
 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

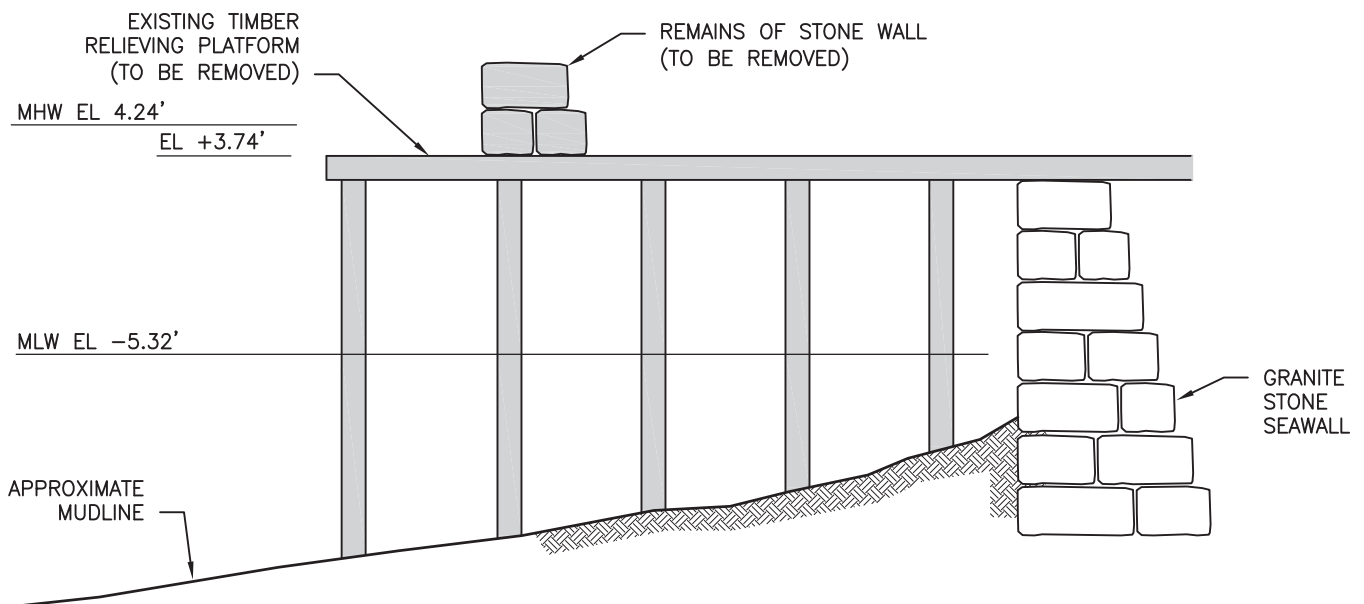
IN: EAST BOSTON  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 12 OF 30 DATE: 6/25/15



**EXISTING SECTION A-A**

SCALE: 1/8"=1'-0"



**EXISTING SECTION B-B**

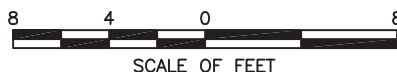
SCALE: 1/8"=1'-0"

PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

**EXISTING SECTIONS**

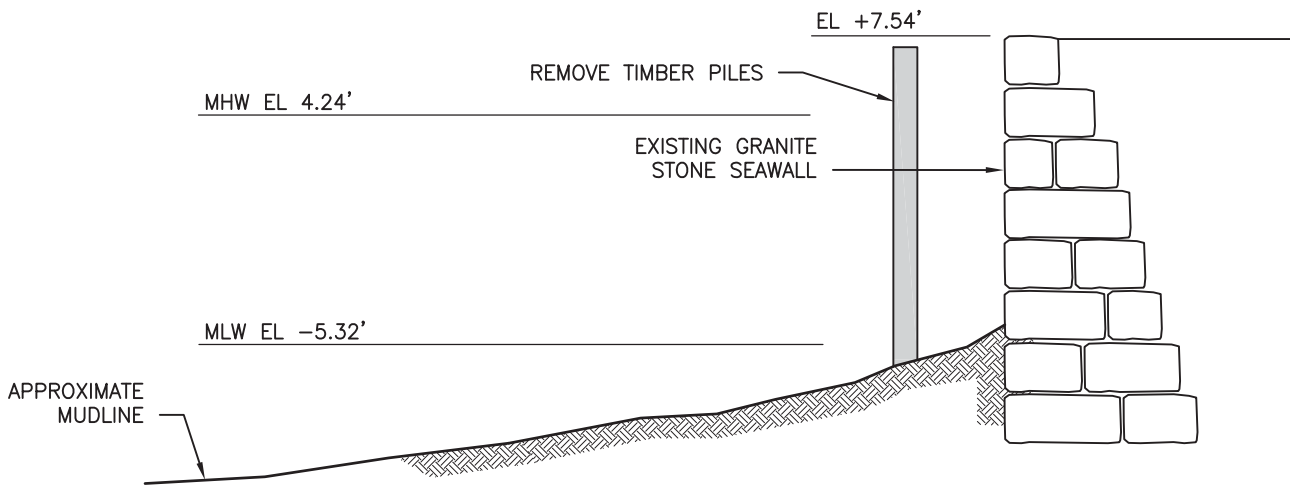


APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

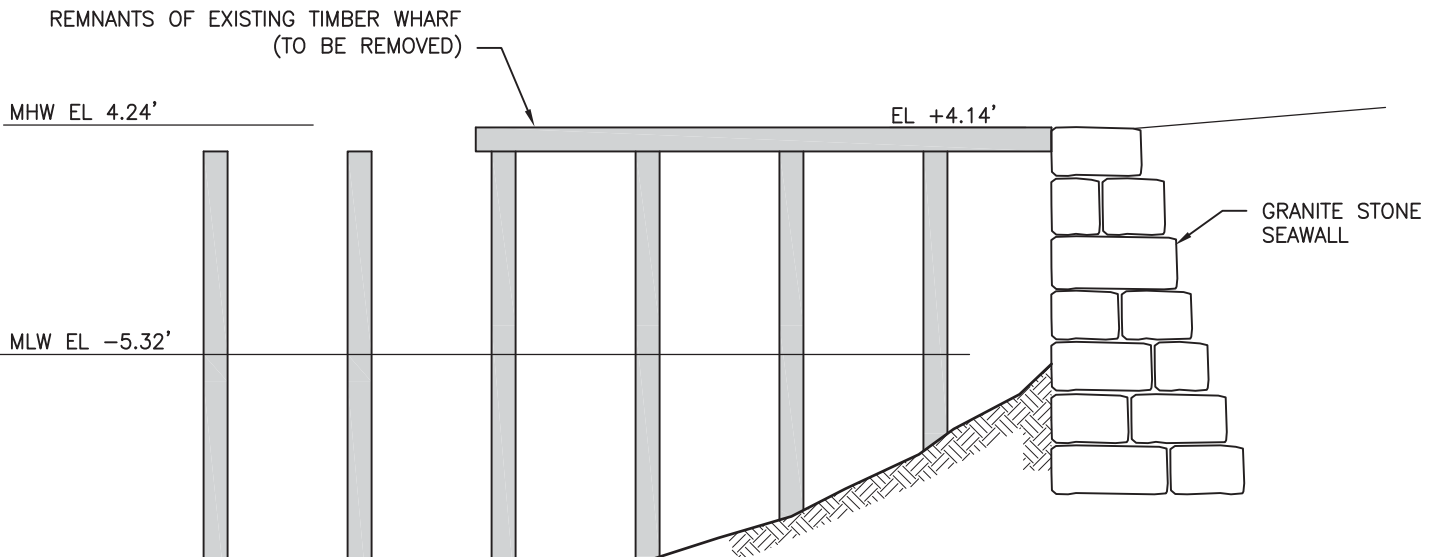
IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 13 OF 30 DATE: 6/15/15



**EXISTING SECTION C-C**

SCALE: 1/8"=1'-0"



**EXISTING SECTION D-D**

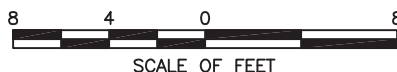
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34 WILLIAM WAY, BELLINGHAM, MA 02019

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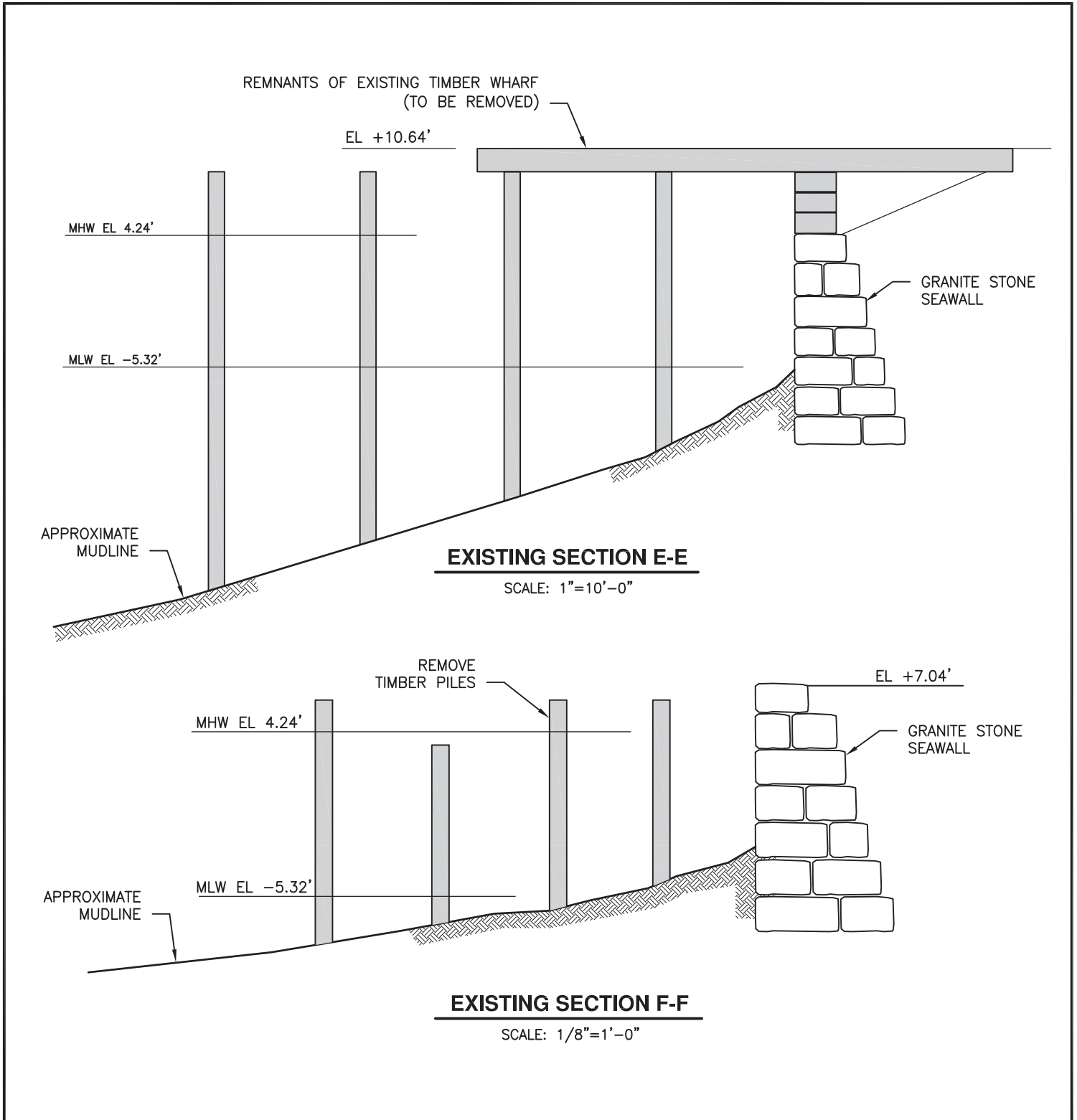


APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 14 OF 30 DATE: 6/15/15

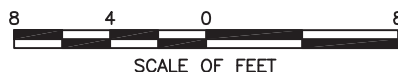


PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

### EXISTING SECTIONS

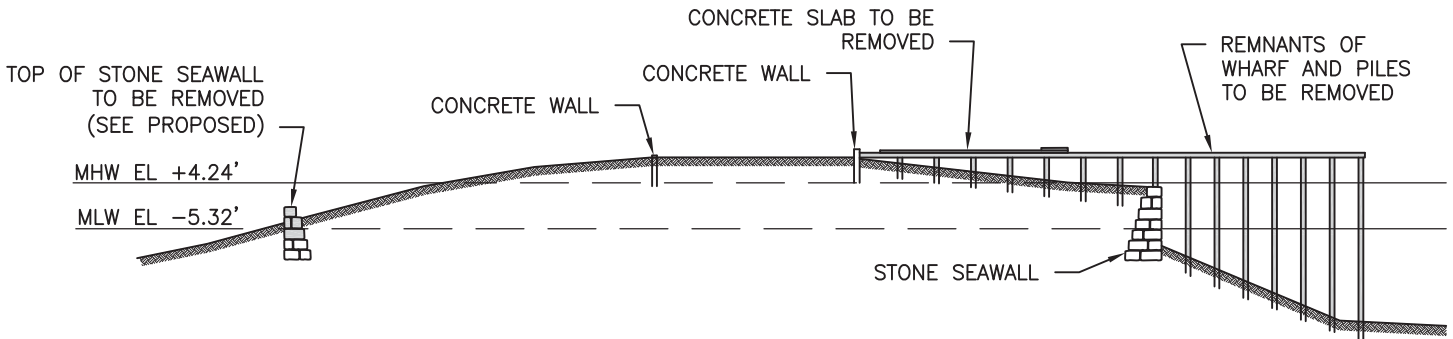


APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS

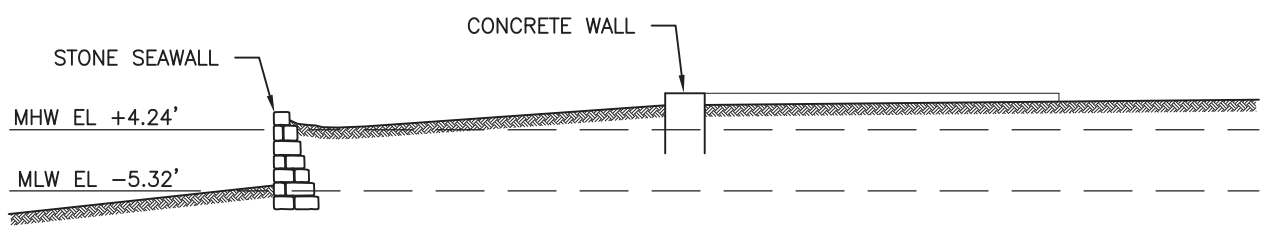
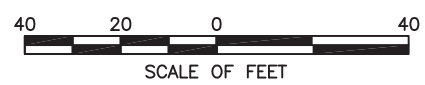
IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 15 OF 30 DATE: 6/15/15



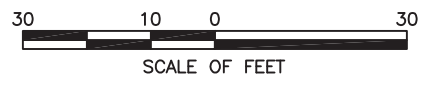
**EXISTING SECTION G-G**

SCALE: 1"=40'-0"



**EXISTING SECTION H-H**

SCALE: 1"=30'-0"



PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

**EXISTING SECTIONS**

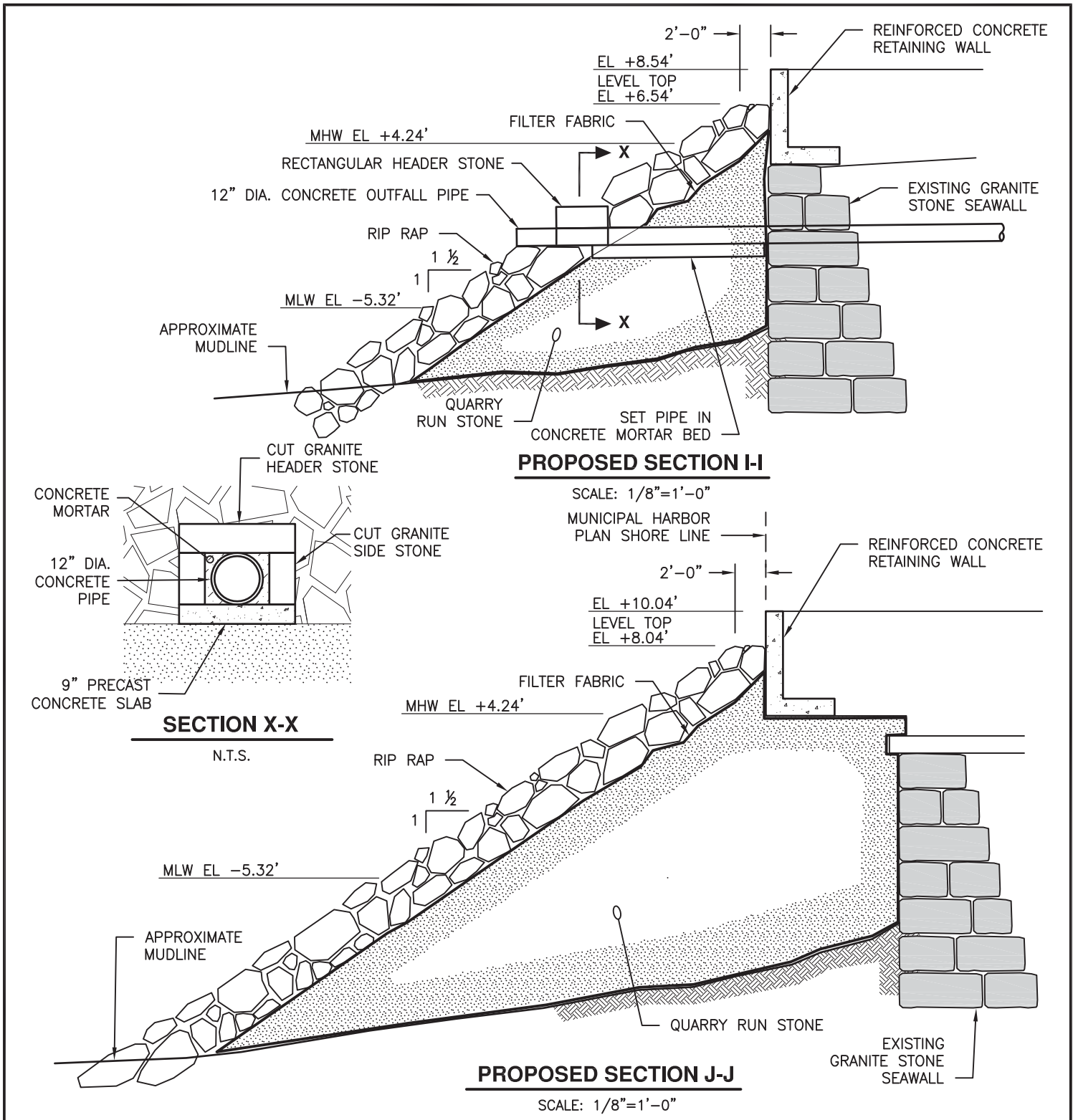
SCALE AS SHOWN

APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 16 OF 30 DATE: 6/15/15

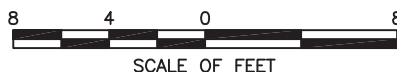


PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

**PROPOSED SECTIONS**

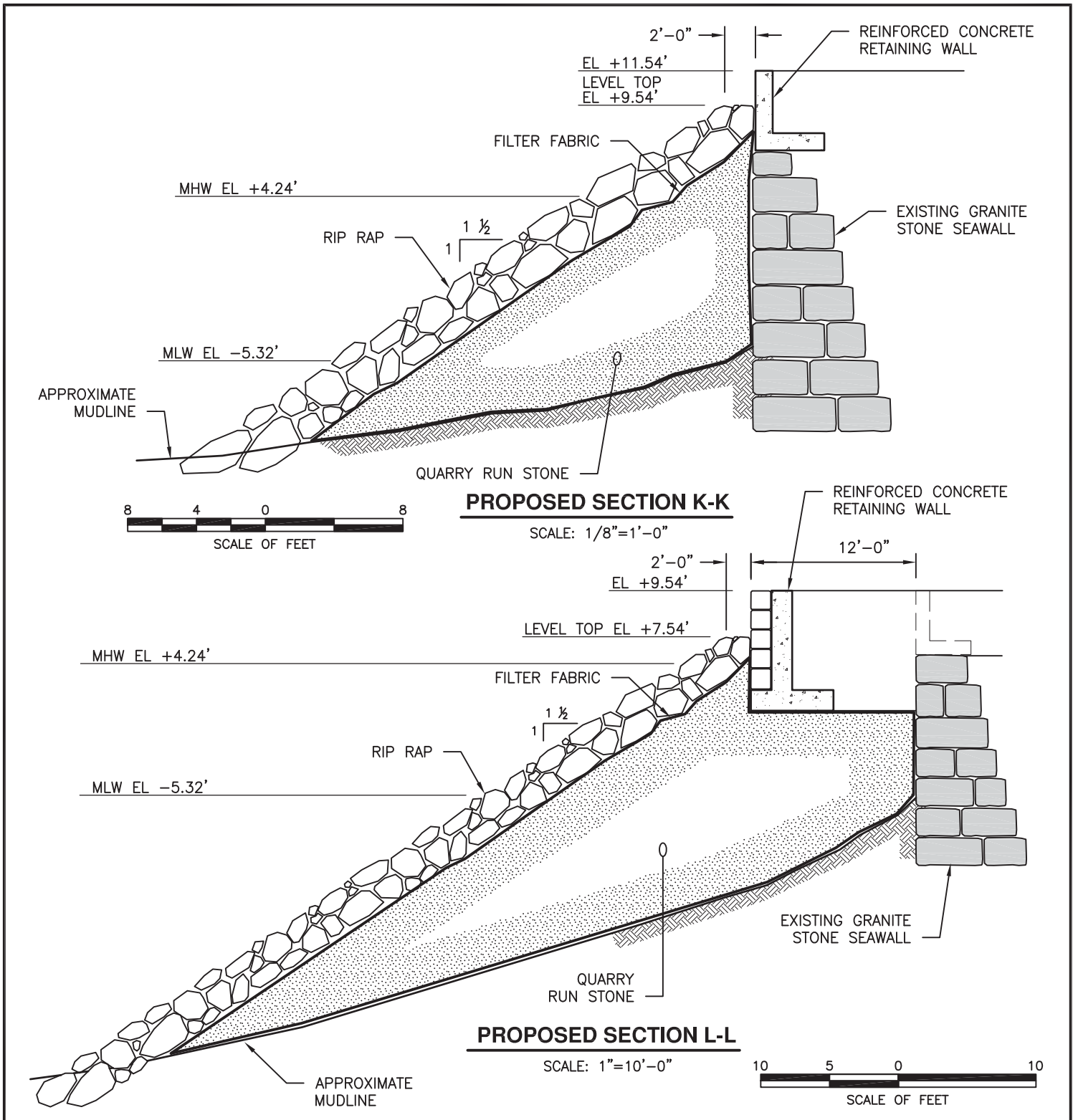


APPLICATION BY:  
 NODDLE ISLAND LIMITED PARTNERSHIP  
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 BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 17 OF 30 DATE: 6/15/15



PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

## PROPOSED SECTIONS

SCALE AS SHOWN

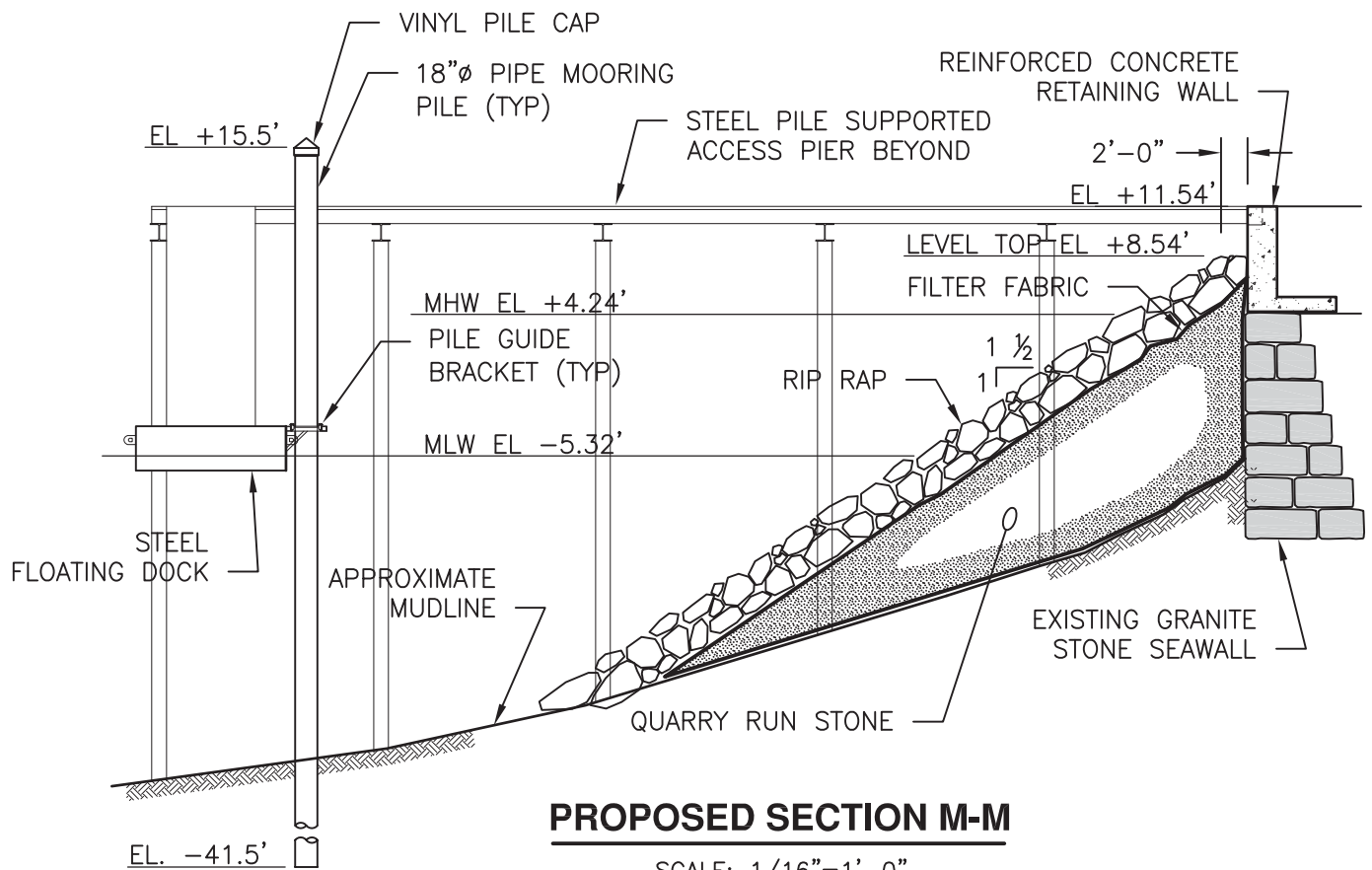
APPLICATION BY:  
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BOSTON, MA 02109

INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 18 OF 30 DATE: 6/15/15



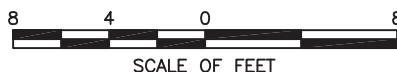


PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

**PROPOSED SECTIONS**

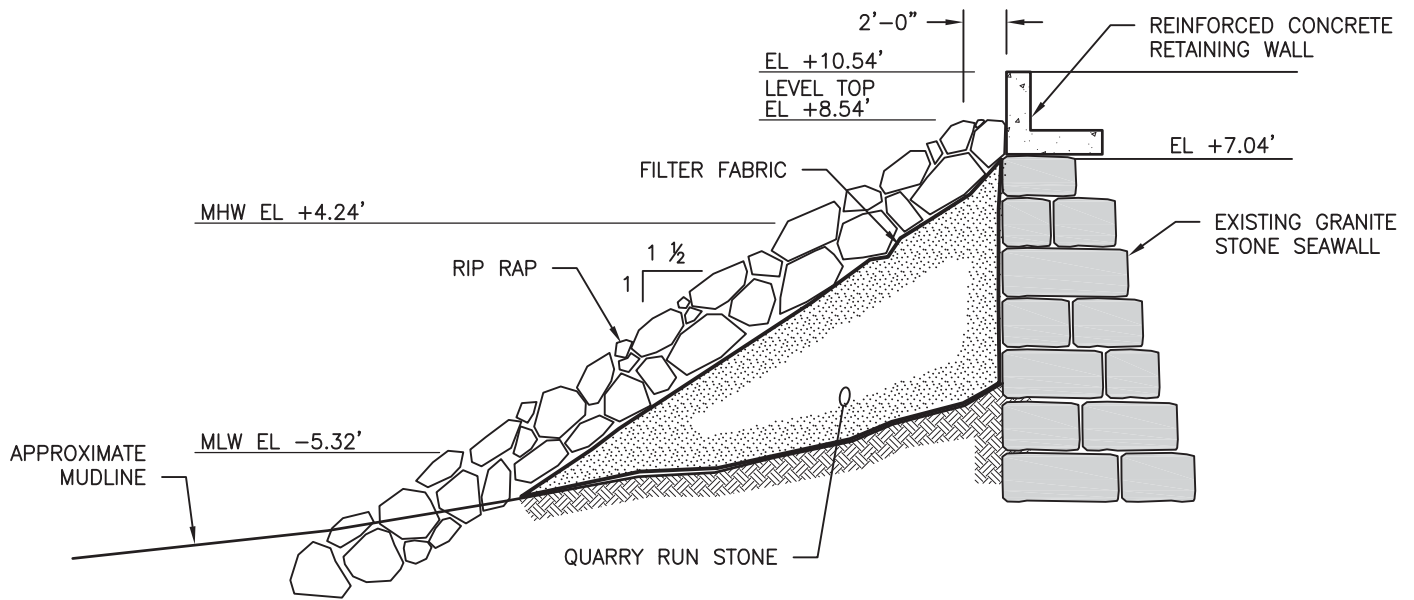


APPLICATION BY:  
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**INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 19 OF 30 DATE: 6/15/15



**PROPOSED SECTION N-N**

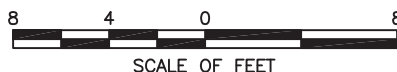
SCALE: 1/8"=1'-0"

PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

**PROPOSED SECTIONS**

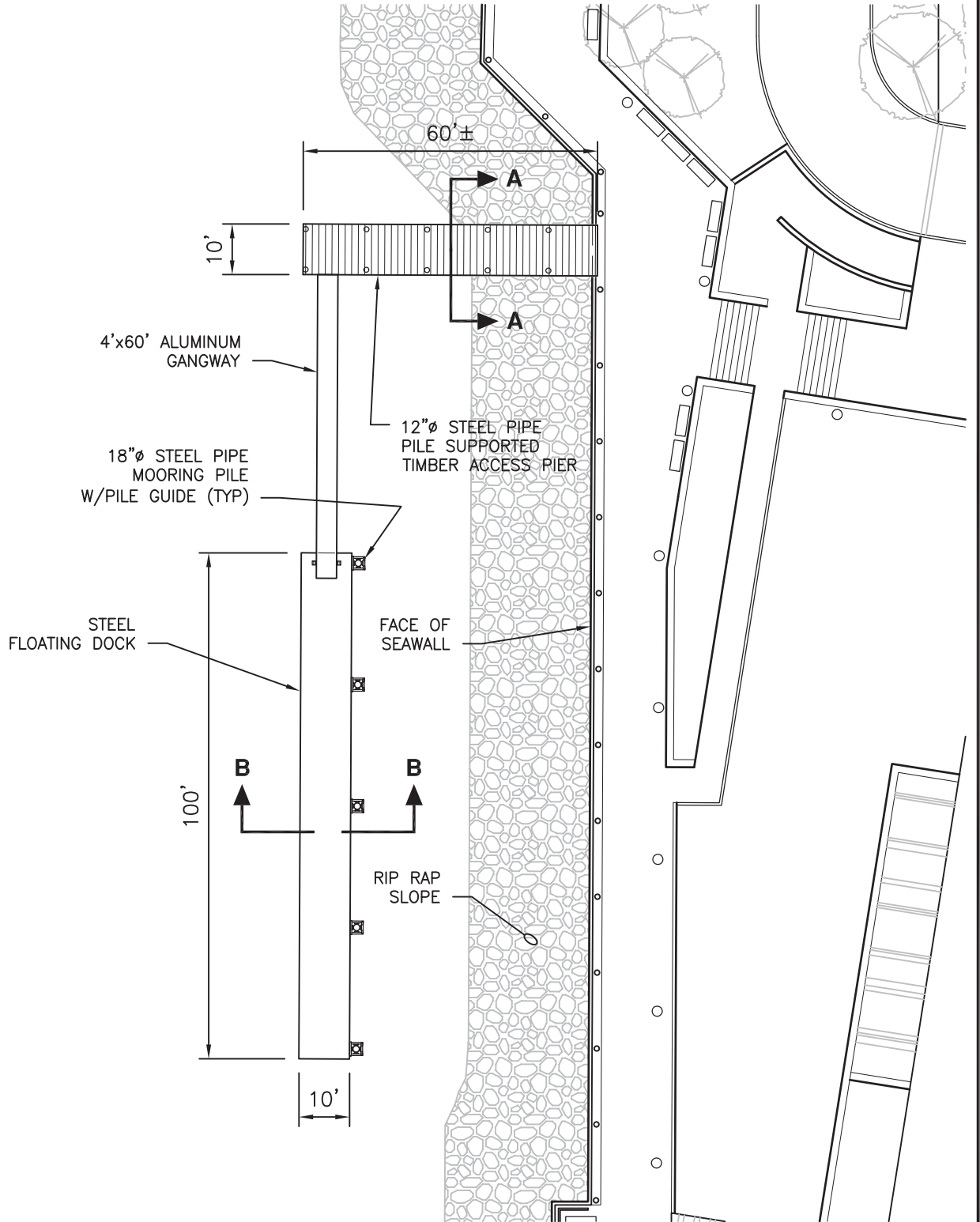


APPLICATION BY:  
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BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 20 OF 30 DATE: 6/15/15

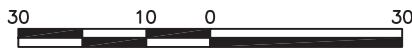


PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

### MAIN FLOAT PLAN



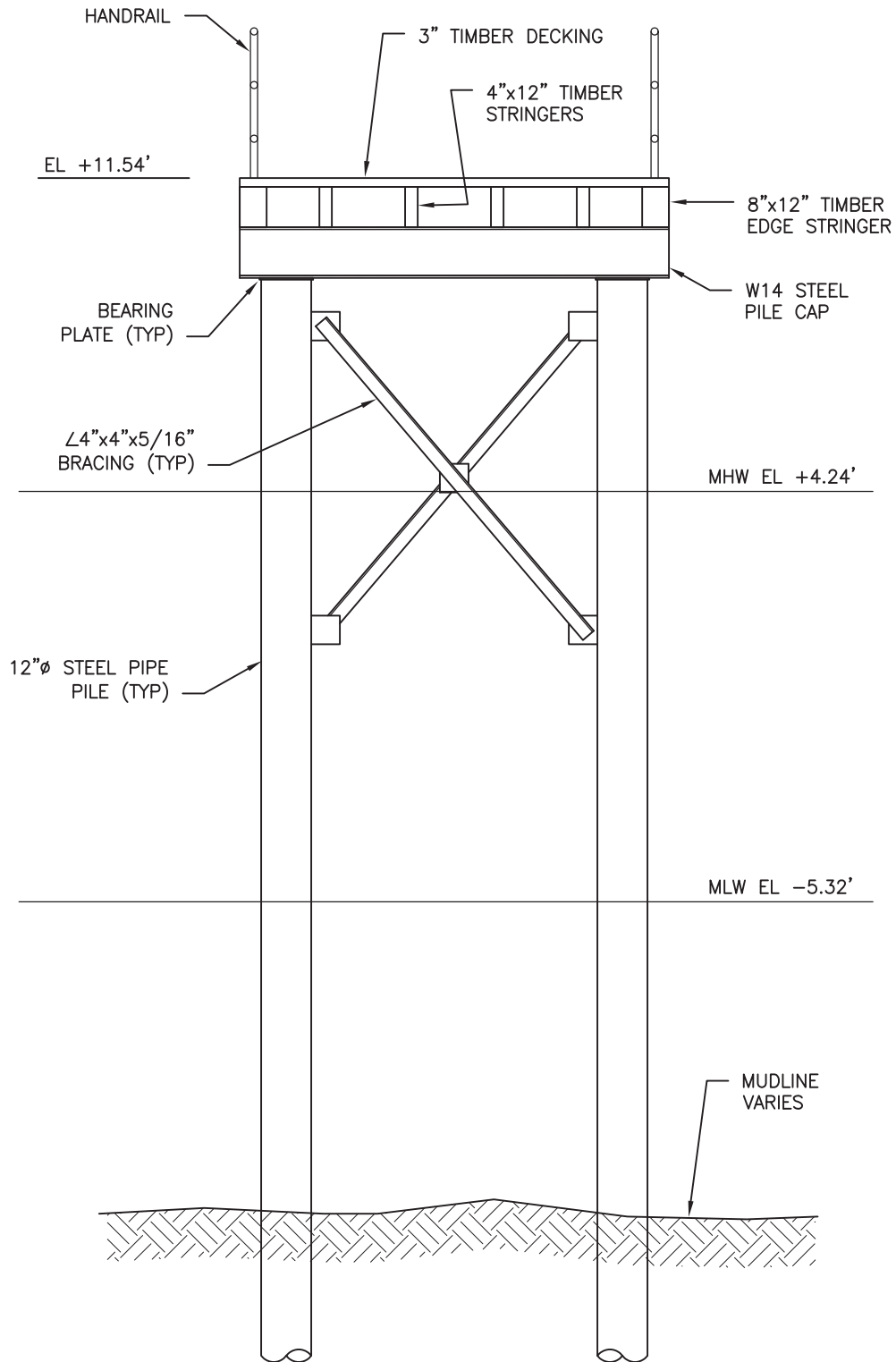
SCALE OF FEET

APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 21 OF 30 DATE: 6/15/15



PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

### SECTION A-A



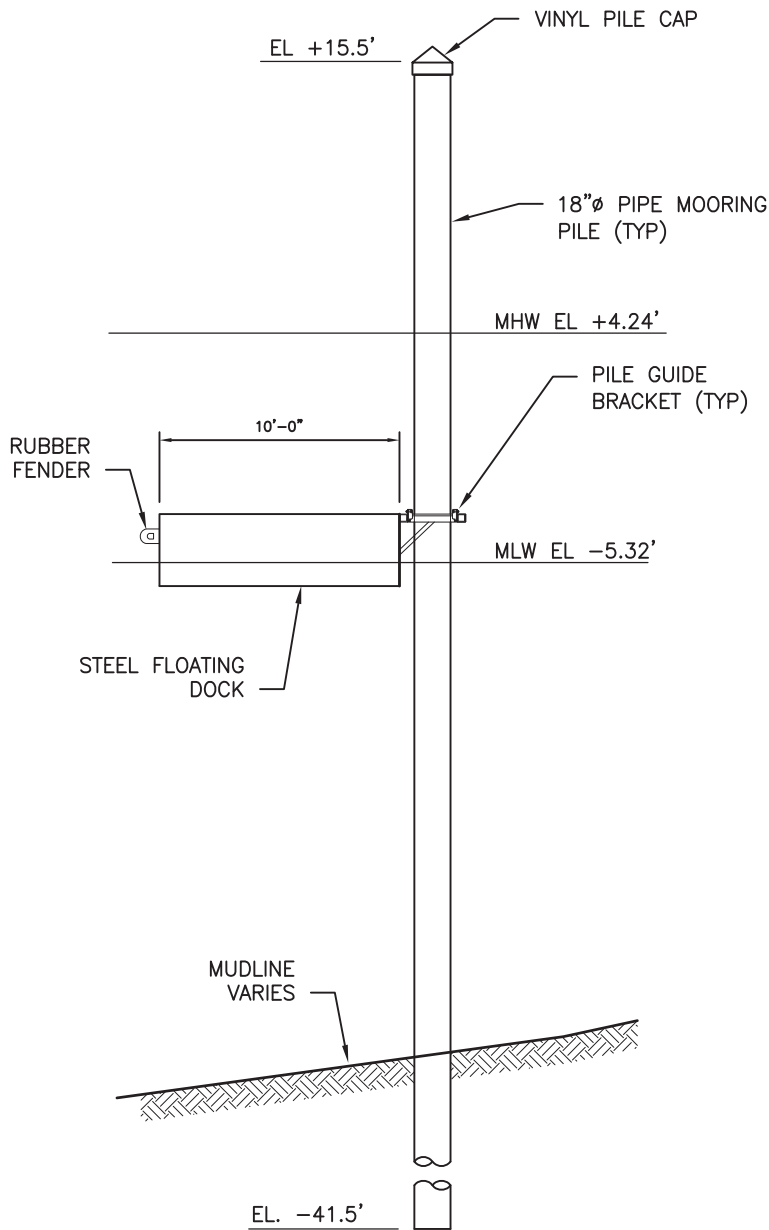
SCALE OF FEET

APPLICATION BY:  
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 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 22 OF 30 DATE: 6/15/15

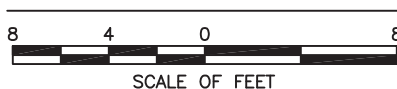


PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

### SECTION B-B

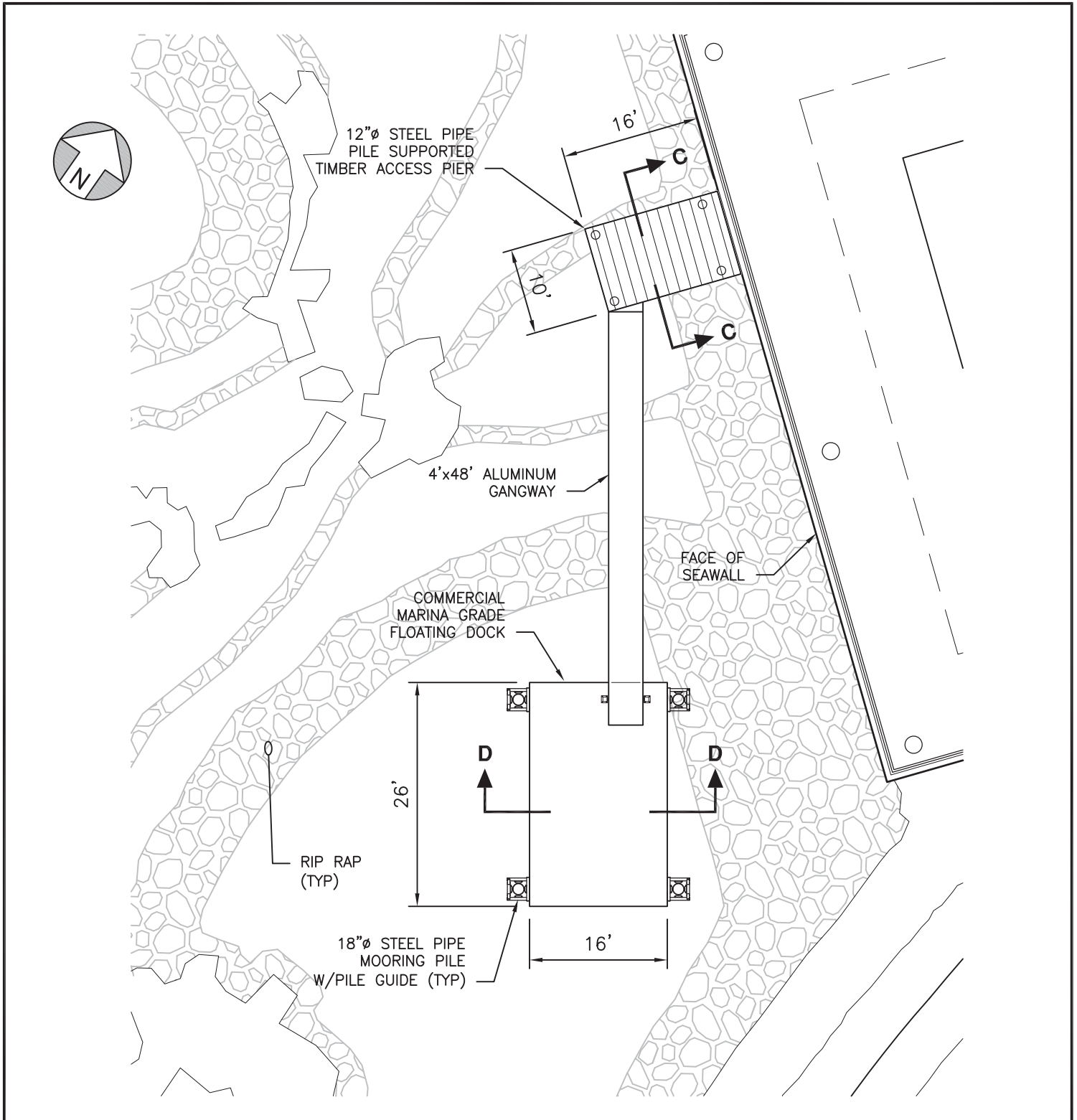


APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
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BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 23 OF 30 DATE: 6/15/15

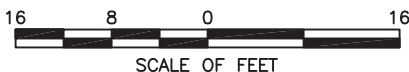


PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

### SMALL FLOAT PLAN

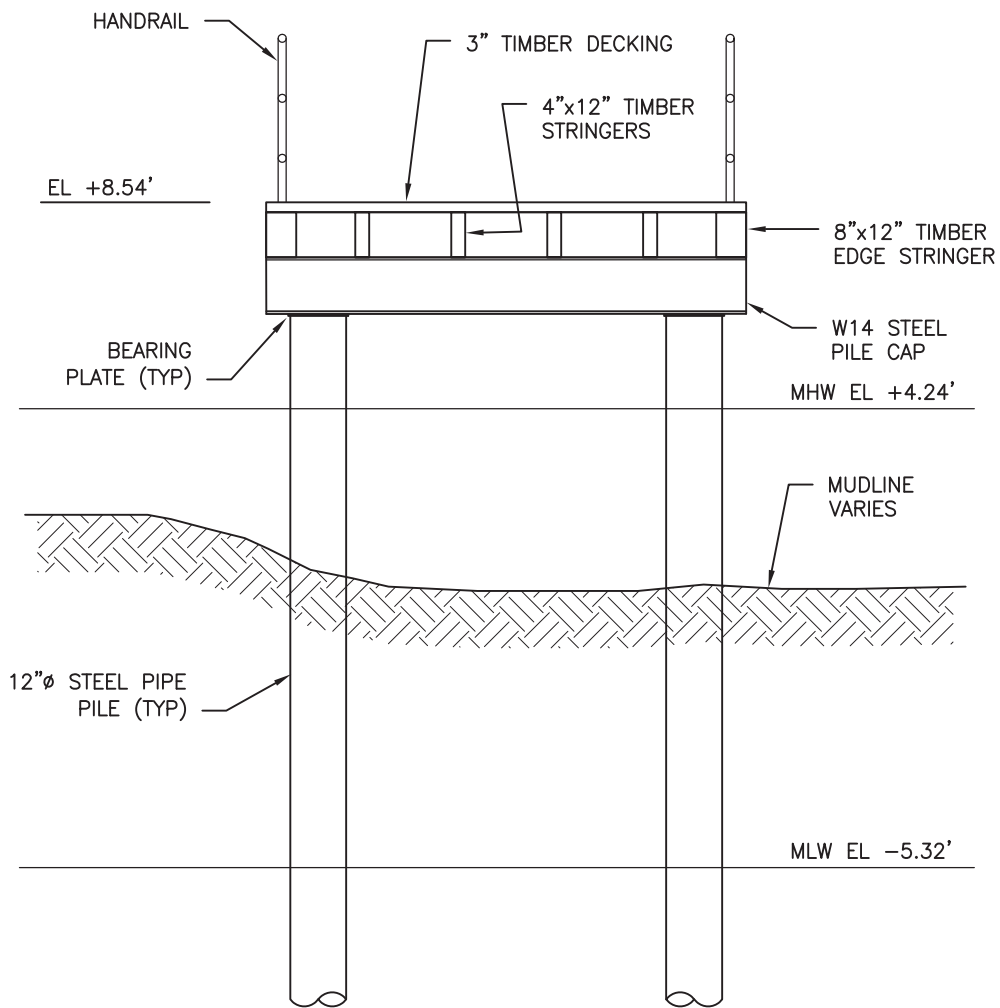


APPLICATION BY:  
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INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 24 OF 30 DATE: 6/15/15

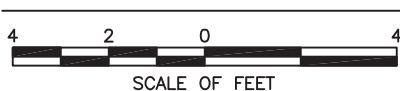


PURPOSE: CONSTRUCT AND MAINTAIN  
NEW HARBORWALK AND 2 FLOATING  
DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
34 WILLIAM WAY, BELLINGHAM, MA 02019

### SECTION C-C



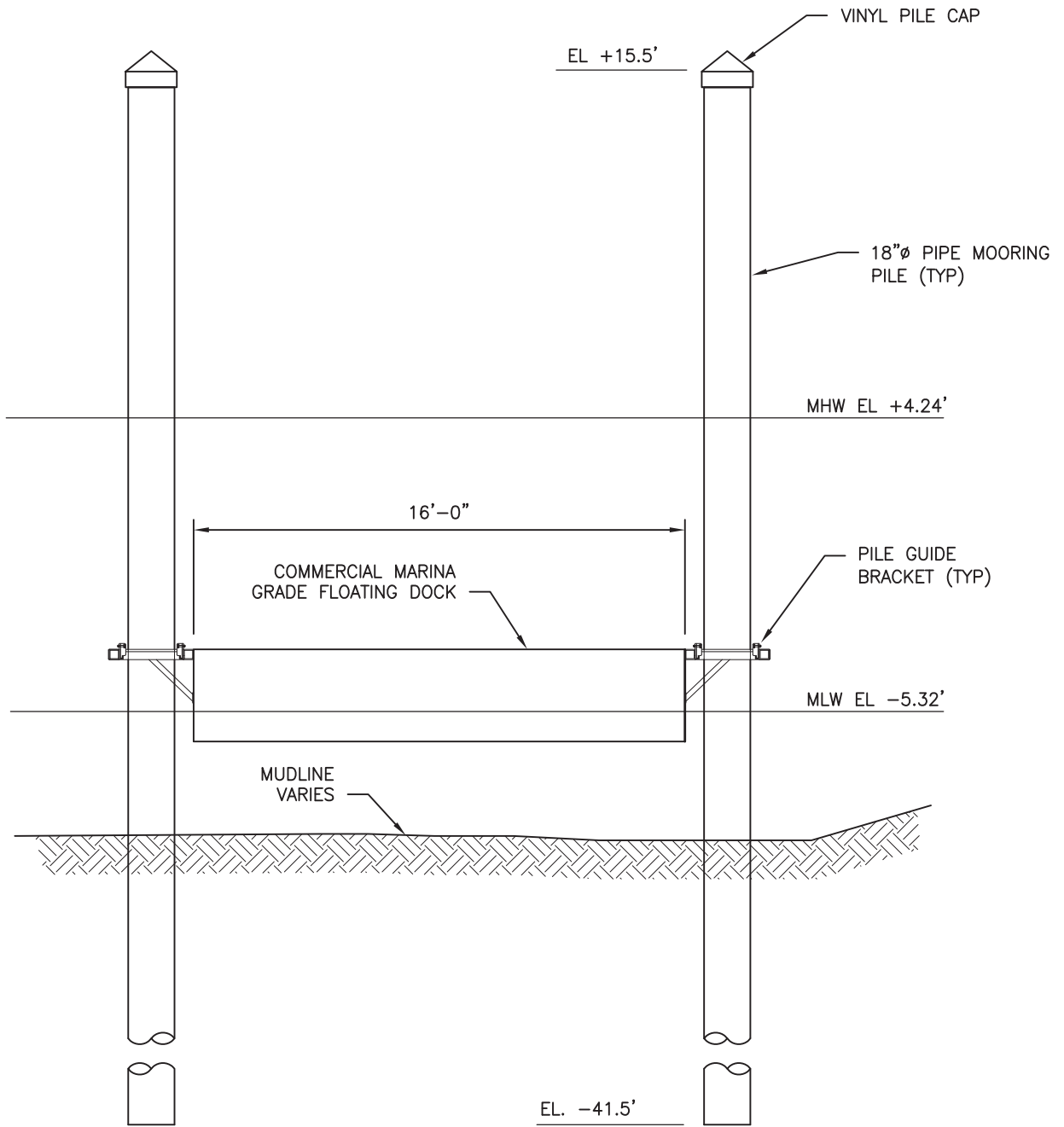
SCALE OF FEET

APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
RETAINING WALL, STEEL PIPE PILE  
SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 25 OF 30 DATE: 6/15/15

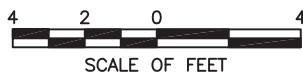


PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

### SECTION D-D



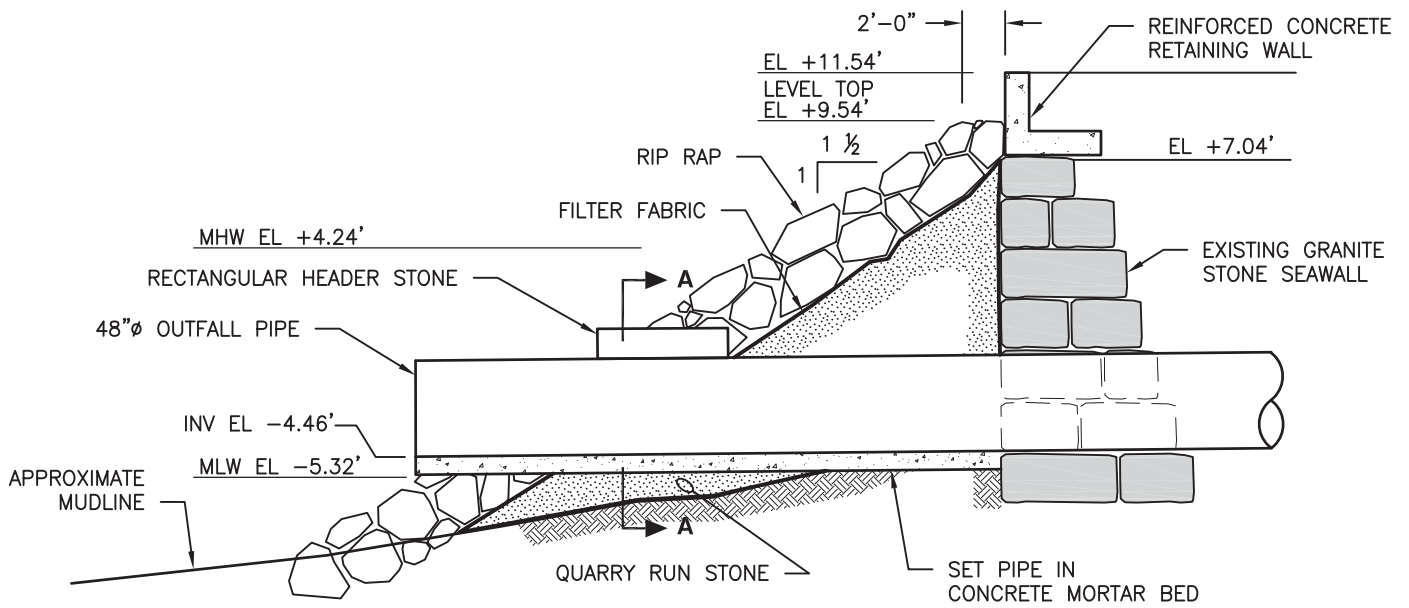
APPLICATION BY:  
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 BOSTON, MA 02109

**INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

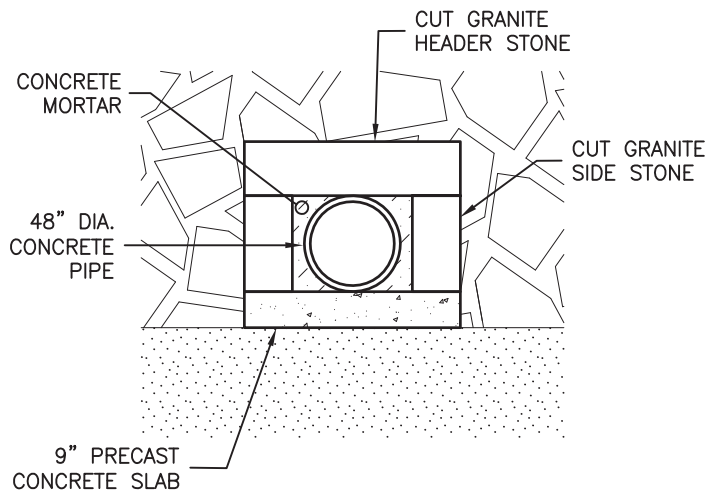
SHEET 26 OF 30 DATE: 6/15/15





**PROPOSED SECTION @ 48" OUTFALL**

SCALE: 1/8"=1'-0"



**SECTION A-A**

N.T.S.

PURPOSE: CONSTRUCT AND MAINTAIN  
 NEW HARBORWALK AND 2 FLOATING  
 DOCKS WITH ACCESS PIERS

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.32'

CHILDS ENGINEERING CORPORATION  
 34 WILLIAM WAY, BELLINGHAM, MA 02019

**SECTION @ 48" OUTFALL**

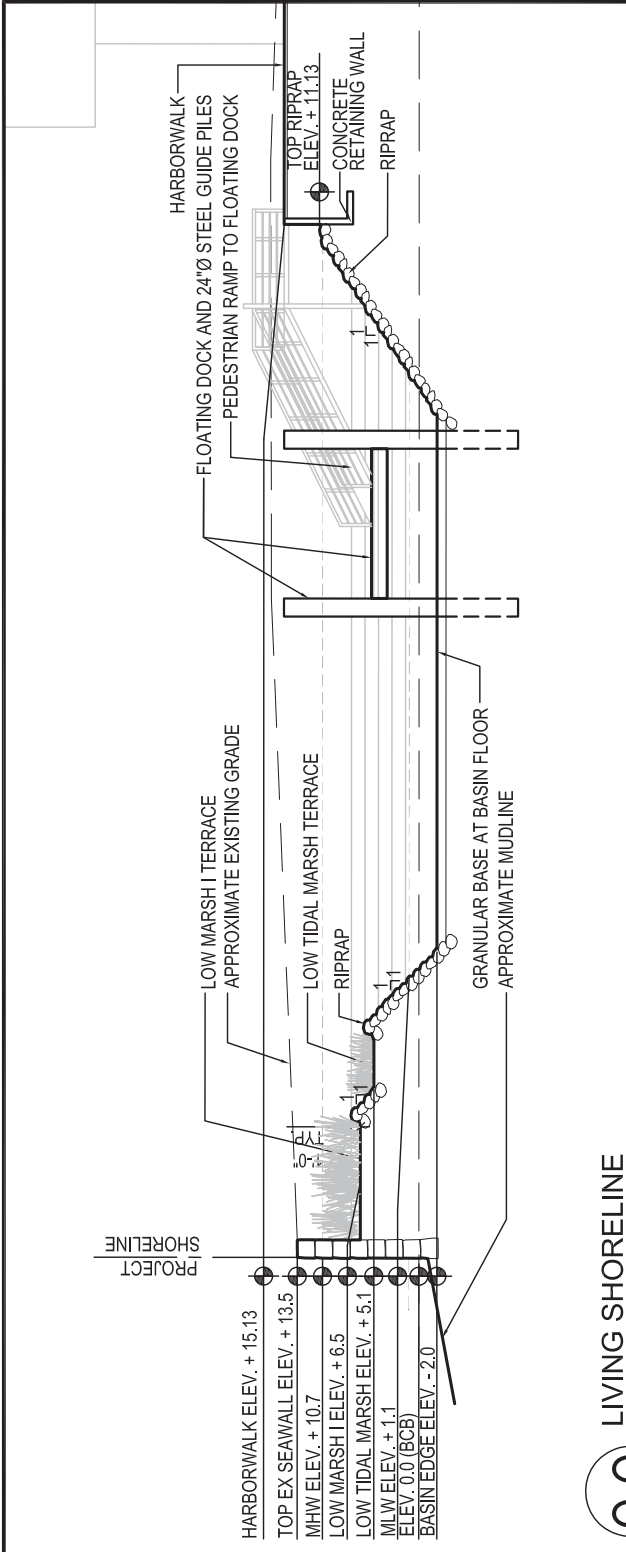


APPLICATION BY:  
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 BOSTON, MA 02109

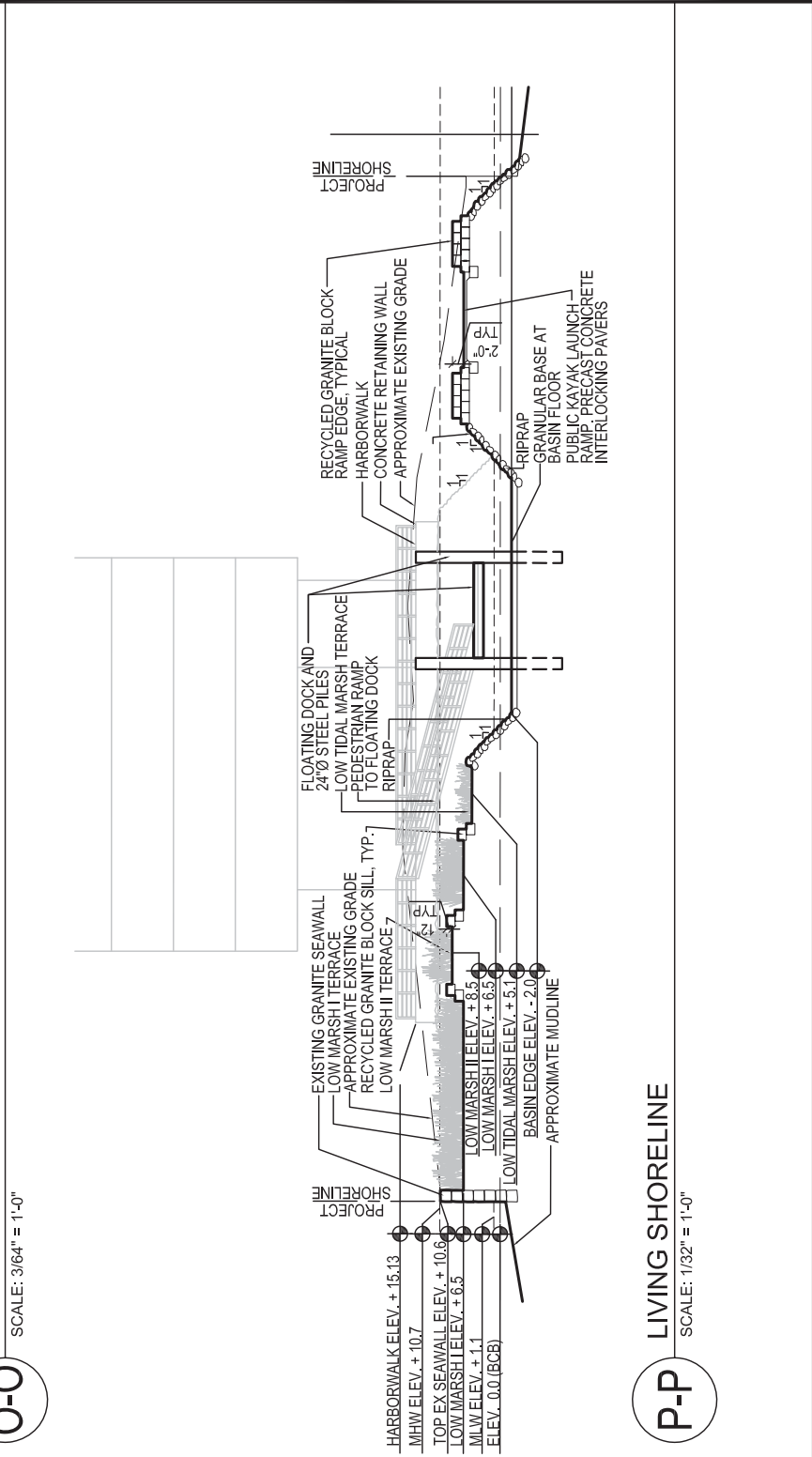
**INSTALLATION OF NEW CONCRETE  
 RETAINING WALL, STEEL PIPE PILE  
 SUPPORTED ACCESS PIERS & FLOATS**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 27 OF 30 DATE: 6/15/15



**O-O**  
LIVING SHORELINE  
SCALE: 3/64" = 1'-0"



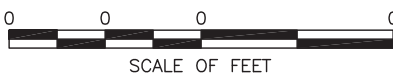
**P-P**  
LIVING SHORELINE  
SCALE: 1/32" = 1'-0"

PURPOSE: CONSTRUCT AND MAINTAIN NEW HARBORWALK AND ECOLOGICAL LIVING SHORELINE

DATUM: NAVD88 = 0.0'  
MHW = +4.24'  
MLW = -5.36'

HALVORSON DESIGN PARTNERSHIP  
25 KINGSTON ST, BOSTON, MA 02111

**SITE SECTIONS**

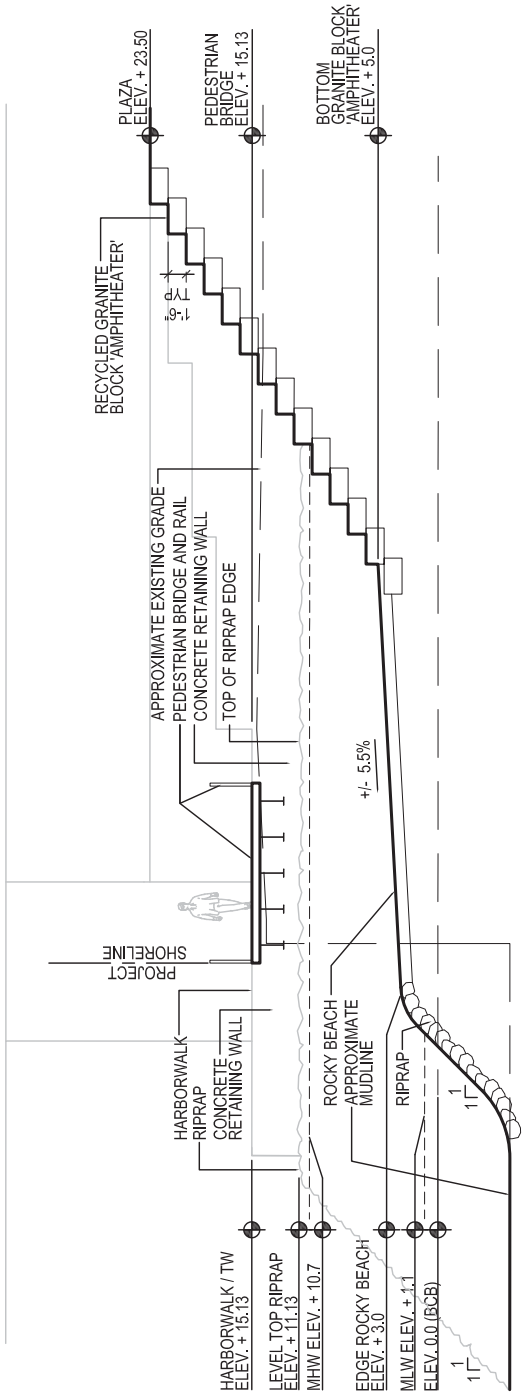


APPLICATION BY:  
NODDLE ISLAND LIMITED PARTNERSHIP  
6 FANEUIL HALL MARKETPLACE  
BOSTON, MA 02109

**INSTALLATION OF NEW HARBORWALK, GRANITE RIPRAP, SILLS, AND SALT MARSH**

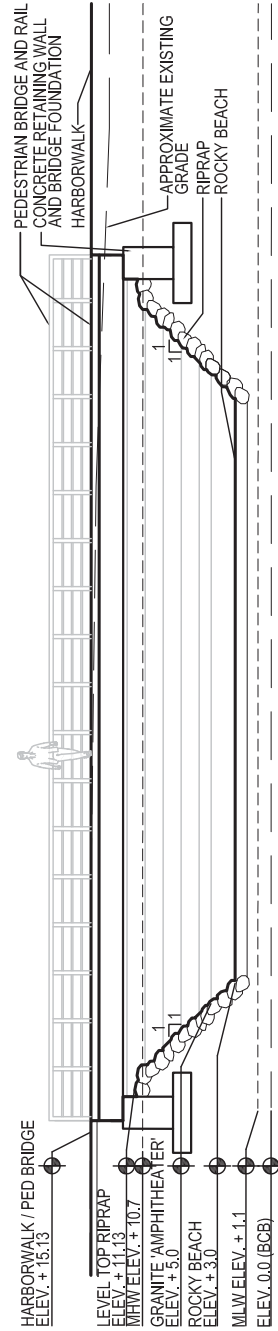
IN: BOSTON HARBOR  
AT: CLIPPERSHIP WHARF  
COUNTY: SUFFOLK STATE: MA

SHEET 28 OF 30 DATE: 7/09/15



**Q-Q** ROCKY BEACH / GRANITE AMPHITHEATER SECTION

SCALE: 1/16" = 1'-0"



**R-R** ROCKY BEACH BELOW PEDESTRIAN BRIDGE

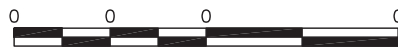
SCALE: 1/16" = 1'-0"

PURPOSE: CONSTRUCT AND MAINTAIN NEW HARBORWALK AND ECOLOGICAL LIVING SHORELINE

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.36'

HALVORSON DESIGN PARTNERSHIP  
 25 KINGSTON ST, BOSTON, MA 02111

**SITE SECTIONS**



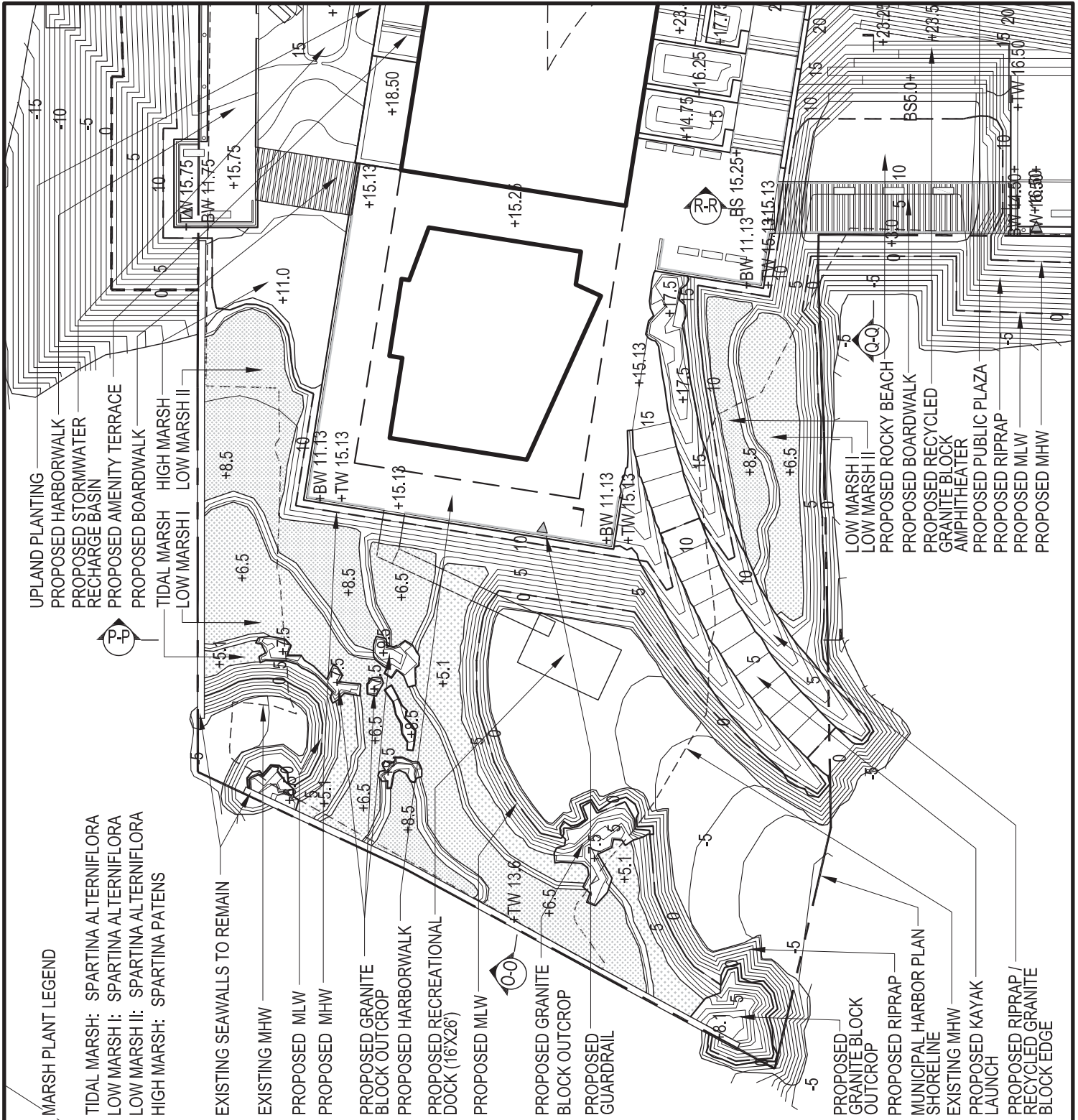
SCALE OF FEET

APPLICATION BY:  
 NODDLE ISLAND LIMITED PARTNERSHIP  
 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

**INSTALLATION OF NEW HARBORWALK, GRANITE RIPRAP, SILLS, AND SALT MARSH**

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 29 OF 30 DATE: 7/09/15



PURPOSE: CONSTRUCT AND MAINTAIN NEW HARBORWALK AND ECOLOGICAL LIVING SHORELINE

DATUM: NAVD88 = 0.0'  
 MHW = +4.24'  
 MLW = -5.36'

HALVORSON DESIGN PARTNERSHIP  
 25 KINGSTON ST, BOSTON, MA 02111

### SITE PLAN



SCALE OF FEET

APPLICATION BY:  
 NODDLE ISLAND LIMITED PARTNERSHIP  
 6 FANEUIL HALL MARKETPLACE  
 BOSTON, MA 02109

### INSTALLATION OF NEW HARBORWALK, GRANITE RIPRAP, SILLS, AND SALT MARSH

IN: BOSTON HARBOR  
 AT: CLIPPERSHIP WHARF  
 COUNTY: SUFFOLK STATE: MA

SHEET 30 OF 30 DATE: 7/09/15