



Cheryl Chisholm <mbyca.cpc46@gmail.com>

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## Coast Guard Preliminary Public Notice 1-196, Boston Harbor, Long Island Bridge Clearances

2 messages

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**SMB-D1Boston-Bridges-PublicNotices** <[SMB-D1Boston-Bridges-PublicNotices@uscg.mil](mailto:SMB-D1Boston-Bridges-PublicNotices@uscg.mil)> Tue, Nov 29, 2022 at 11:48 AM

All Concerned,

The City of Boston is proposing to replace the superstructure on the Long Island Bridge between Moon Island and Long Island in Boston Harbor. The attached Preliminary Public Notice solicits public comment on the proposed vertical and horizontal clearances. Interested parties are requested to provide input to the Coast Guard on the impacts to navigation of the proposed clearances. Comments may be submitted to Commander (dpb), First Coast Guard District Bridge Branch at the address on the Public Notice, or by email to [SMB-D1Boston-Bridges-PublicNotices@uscg.mil](mailto:SMB-D1Boston-Bridges-PublicNotices@uscg.mil) through January 6, 2023.

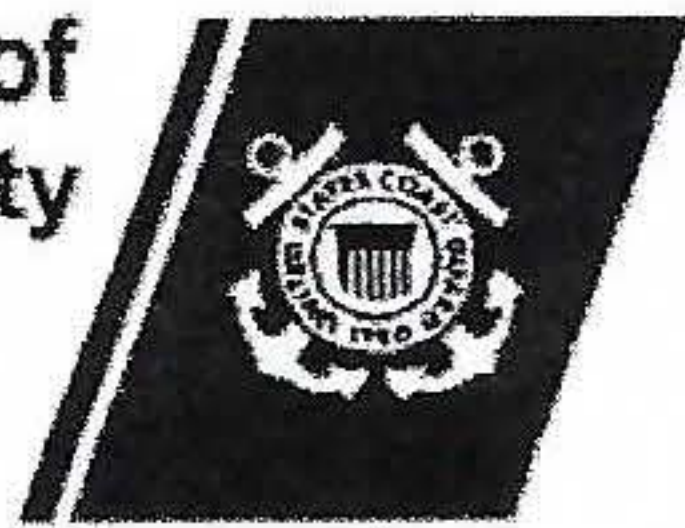
First Coast Guard District

Boston, MA



U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
First Coast Guard District

Battery Park Building  
1 South Street  
New York, NY 10004-1466  
Staff Symbol: (dpb)

November 29, 2022

## PRELIMINARY PUBLIC NOTICE D01-196-22

The United States Coast Guard is soliciting public comments on a proposal by the City of Boston to replace the superstructure on the Long Island Bridge between Moon Island and Long Island in Boston Harbor. In 2015 the superstructure was removed following inspections which determined the superstructure was no longer safe for use. The purpose of this project is to reestablish vehicular access to the public health facilities on Long Island.

On February 8, 2019, the City of Boston submitted an application for a Coast Guard Bridge Permit. In February 2021, the Coast Guard requested that the City of Boston prepare a Navigation Impact Study to evaluate the impact the reinstatement of the superstructure would have on vessel traffic that has passed through the bridge site (locally called the Western Way) since the emergency superstructure removal in 2015.

On August 31, 2022, in accordance with Section 106 of the National Historic Preservation Act, the Coast Guard issued a preliminary public notice requesting interested parties to express their views on the presence of historic properties and/or the adverse effects of the proposed bridge superstructure replacement project on historic properties. Comments received in response to the Section 106 Public Notice are under consideration by the Coast Guard.

The Coast Guard is issuing this Preliminary Public Notice to solicit information on the proposed clearances of the superstructure and on waterway usage. Though information received in response to the City of Boston's 2021 navigation surveys will be considered, parties who submitted information to the City of Boston's surveys are encouraged to reply to this Public Notice. At the Coast Guard's request, the City of Boston prepared a Navigation Impact Study and Supplement which may be viewed at <https://www.boston.gov/long-island#related-info>

**WATERWAY AND LOCATION:** Boston Harbor between Moon Island and Long Island.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

	Vertical Clearance (MHW)	Vertical Clearance (MLW)	Horizontal Clearance
Previous Superstructure Clearance	50 ft	59.49 ft	150 ft
Proposed Superstructure Clearance	51.75 ft	61.24 ft	150 ft



**SOLICITATION OF COMMENTS:**

Mariners are requested to comment on the proposed clearances, impacts to navigation, and safety issues, including the need for clearance gauges and extended nighttime navigation through the bridge.

Boat owners are requested to provide information about the ability of their vessel to transit through the bridge site with the proposed clearances including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point. Also provide where the vessel is primarily moored and the frequency of passage through the bridge site (i.e., number of times per month – a round trip should be reported as two passages).

Interested parties are requested to express their views in writing on the proposed project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed clearances. Comments will be received for the record at the address above or by e-mail to [SMB-D1Boston-Bridges-PublicNotices@uscg.mil](mailto:SMB-D1Boston-Bridges-PublicNotices@uscg.mil) through January 6, 2023.

It is requested that this information be brought to the attention of any person having an interest who may not have received a copy of this public notice.

Concept plans of the proposed project are included in this public notice.

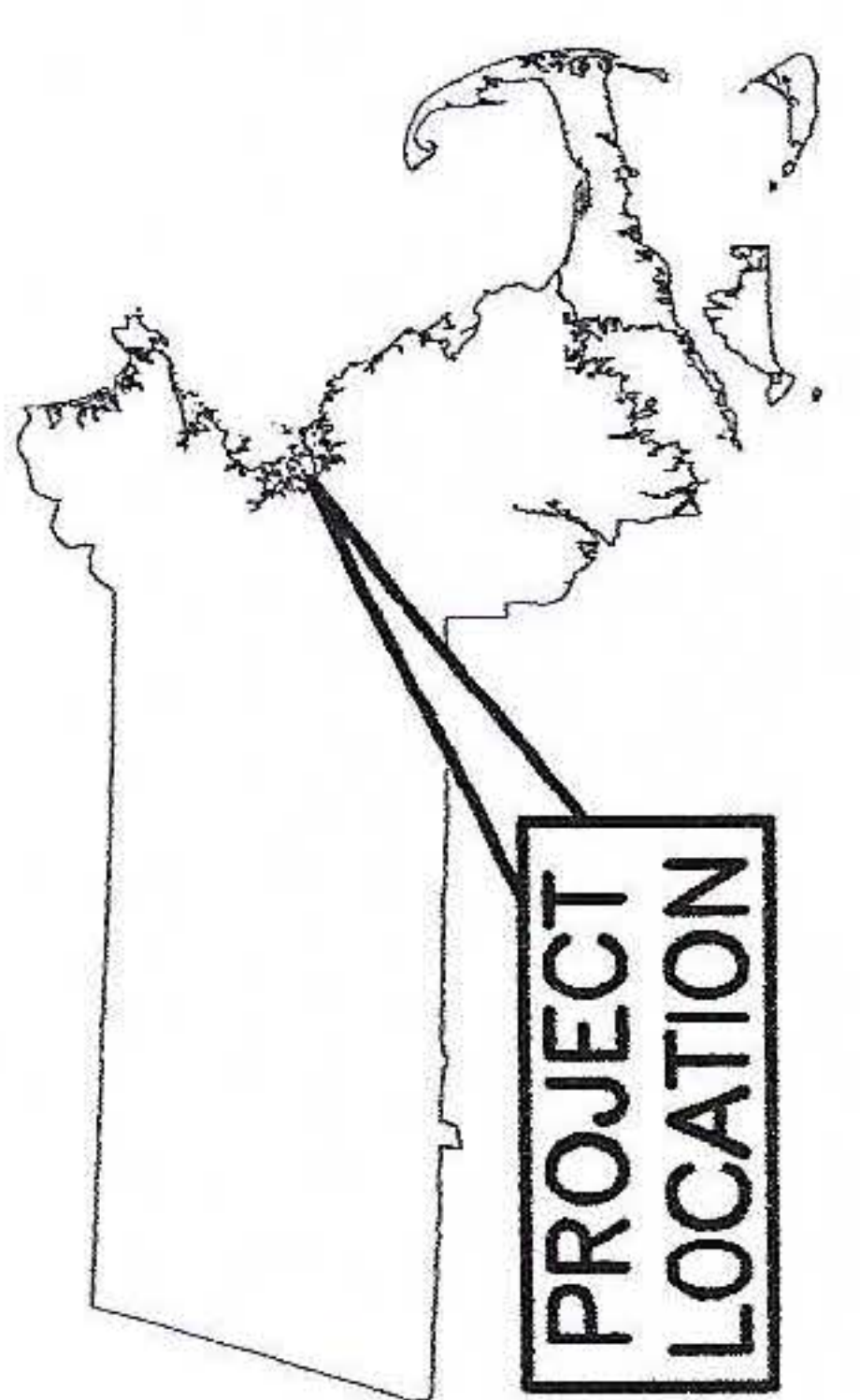
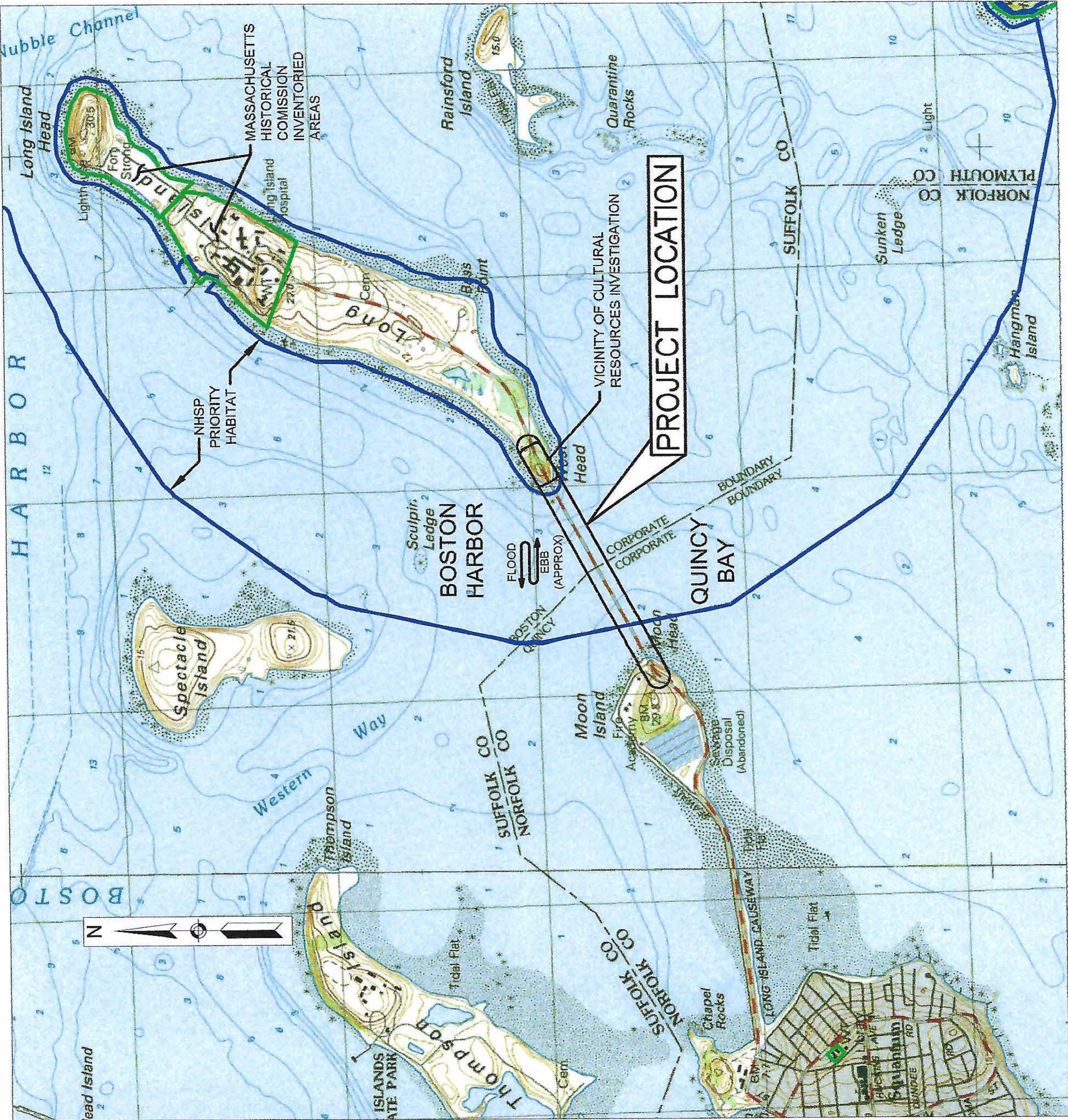
FOR THE DISTRICT COMMANDER:


//s//

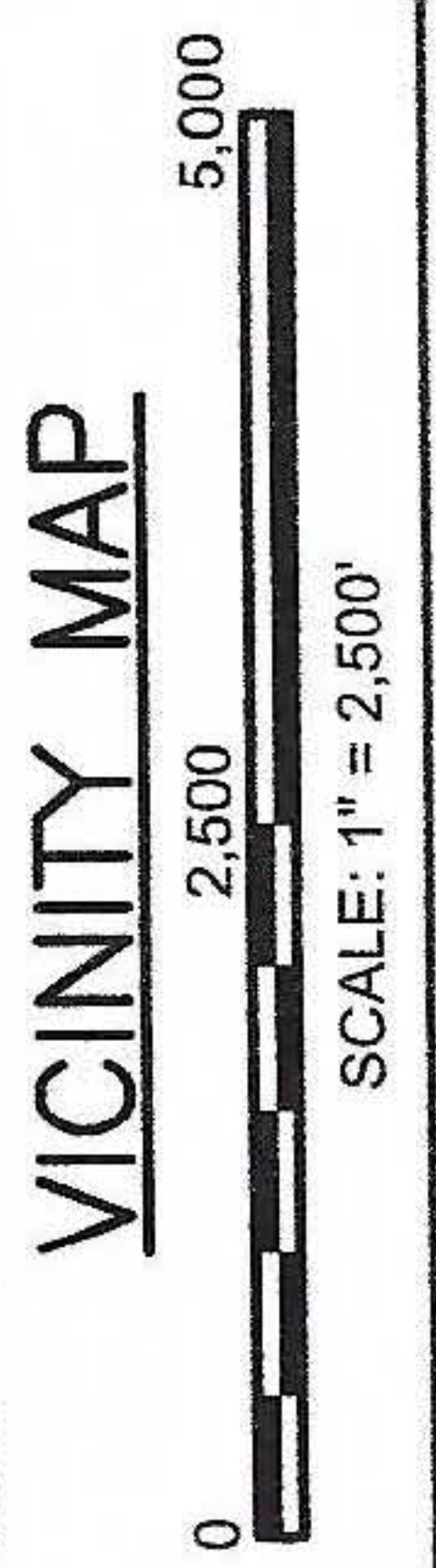
D. A. Fisher  
Bridge Program Manager  
By direction

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.

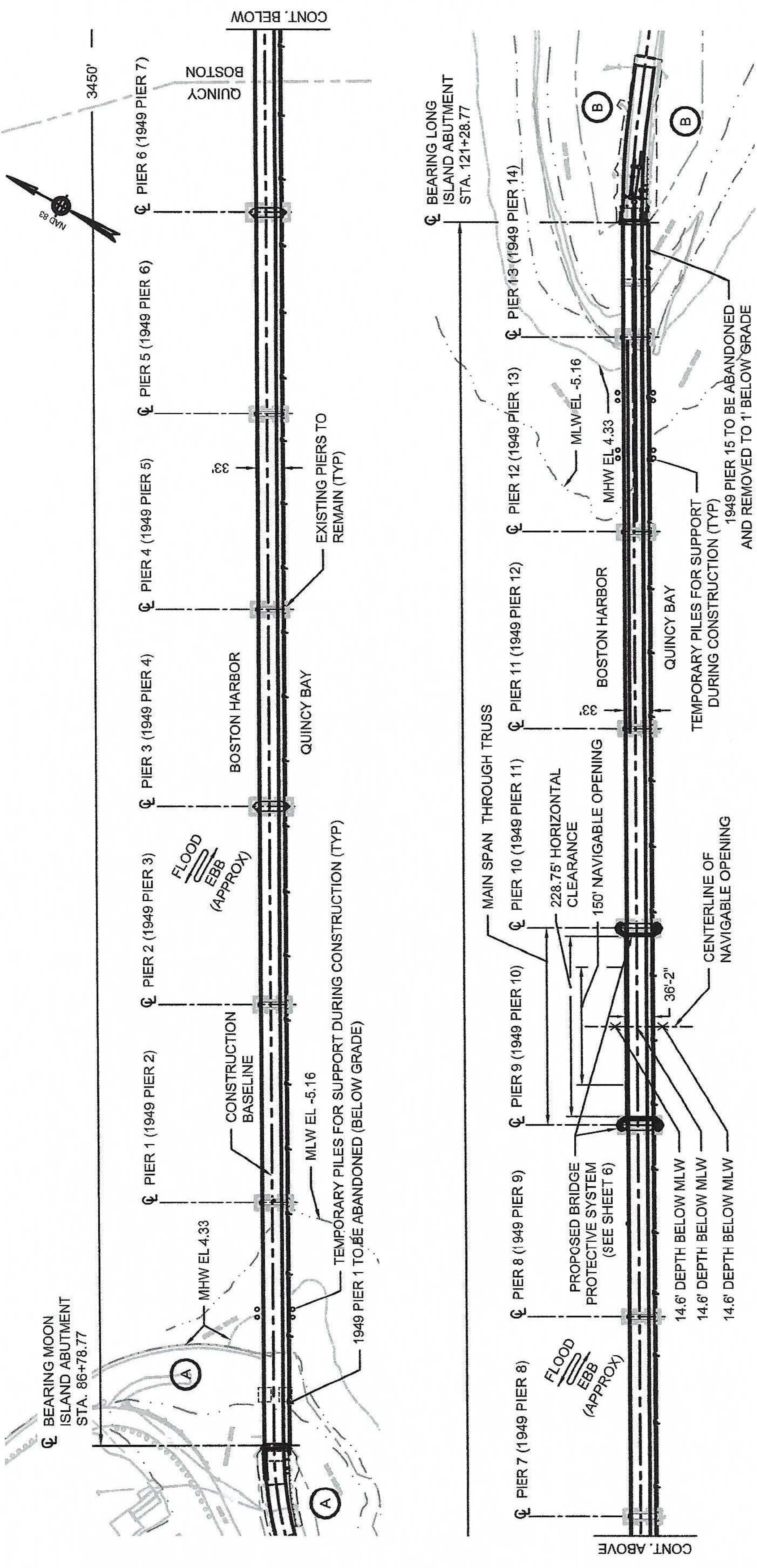




OWNER/APPLICANT:	 CITY OF BOSTON PUBLIC WORKS DEPARTMENT
	<b>LONG ISLAND BRIDGE OVER BOSTON HARBOR BOSTON AND QUINCY NORFOLK AND SUFFOLK COUNTY, MA MILE POINT (MP) 0.0</b>
	BRIDGE NO. B-16-368 (91M)
	CONSULTANT: STV INC.
	DATE: NOVEMBER 18, 2019
	SHEET: 1 OF 7



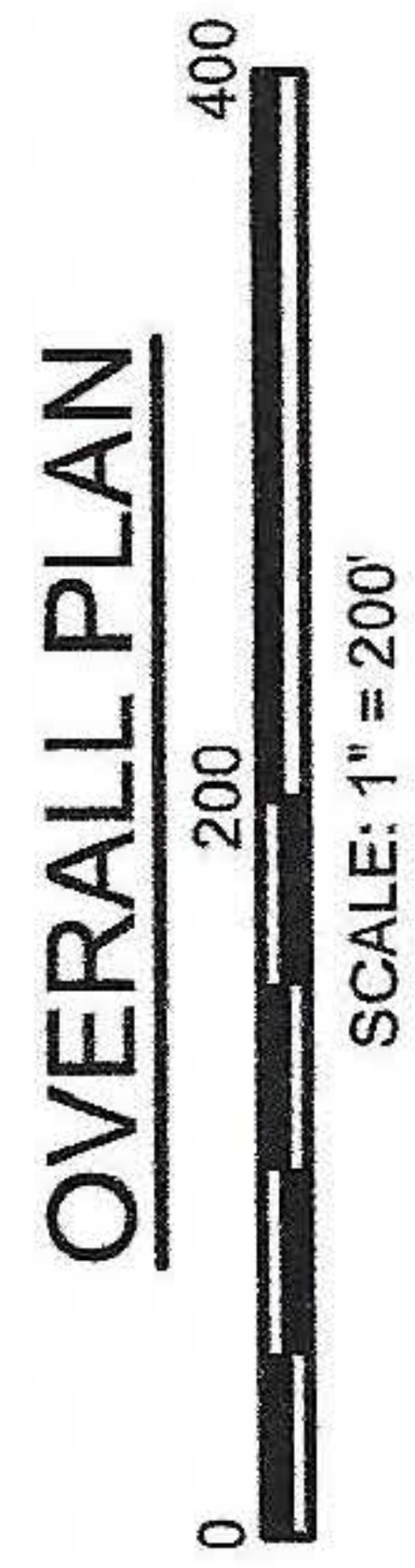




**OWNER/APPLICANT:**  
 CITY OF BOSTON  
 PUBLIC WORKS DEPARTMENT

**LONG ISLAND BRIDGE  
 OVER BOSTON HARBOR  
 BOSTON AND QUINCY  
 NORFOLK AND SUFFOLK  
 COUNTY, MA  
 MILE POINT (MP) 0.0**

BRIDGE NO. B-16-368 (91M)  
 CONSULTANT: STV INC.  
 DATE: NOVEMBER 18, 2019  
 SHEET: 2 OF 7



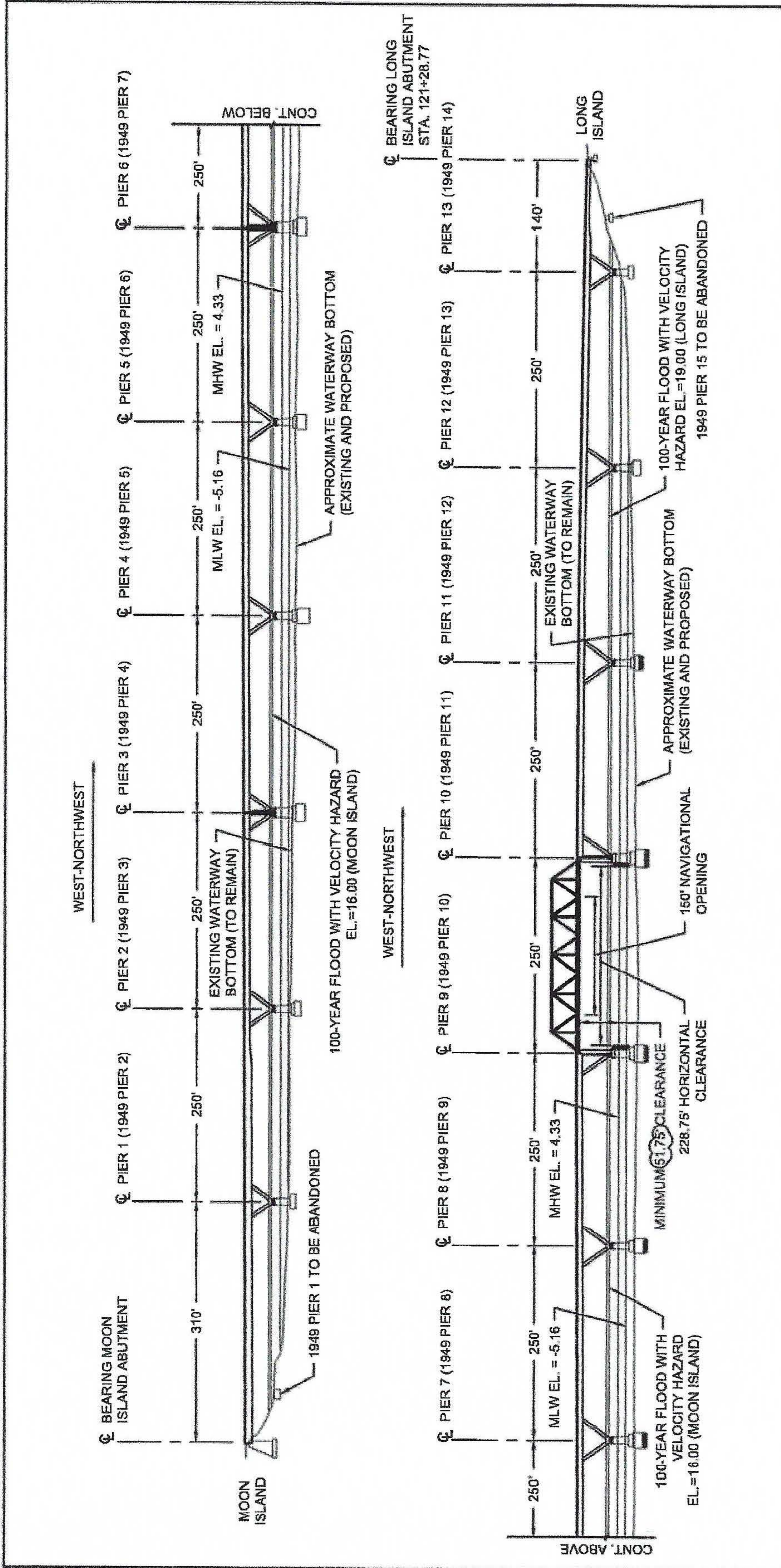
**OVERALL PLAN**

- PROPERTY OWNERS**
- (A) CITY OF BOSTON
  - (B) CITY OF BOSTON

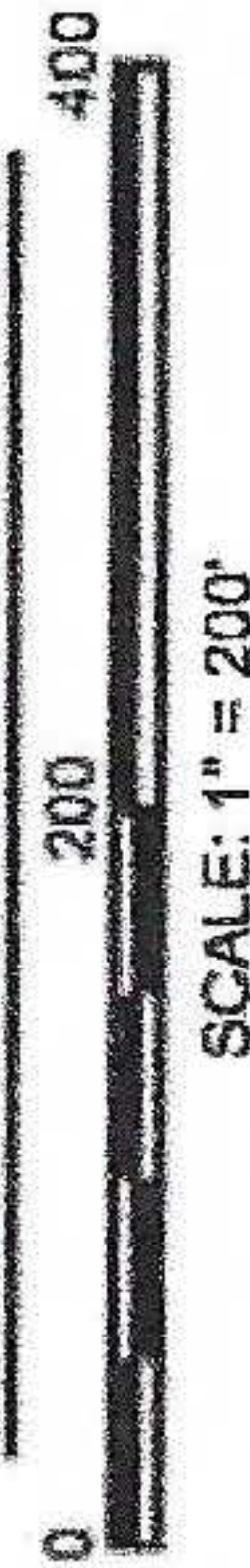
**NOTES:**

1. ELEVATIONS REFERENCE NAVD 88 DATUM.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
3. BRIDGE PROTECTIVE SYSTEM TO BE ATTACHED TO PIERS 9 & 10. SEE FIGURE 6.
4. EXISTING (1949) PIERS 2 - 14 TO REMAIN, AND BE REHABILITATED TO SUPPORT PROPOSED SUPERSTRUCTURE.
5. ORIGINAL (1949) SUPERSTRUCTURE REMOVED IN 2015.
6. NO RIPRAP OR FILL PROPOSED.



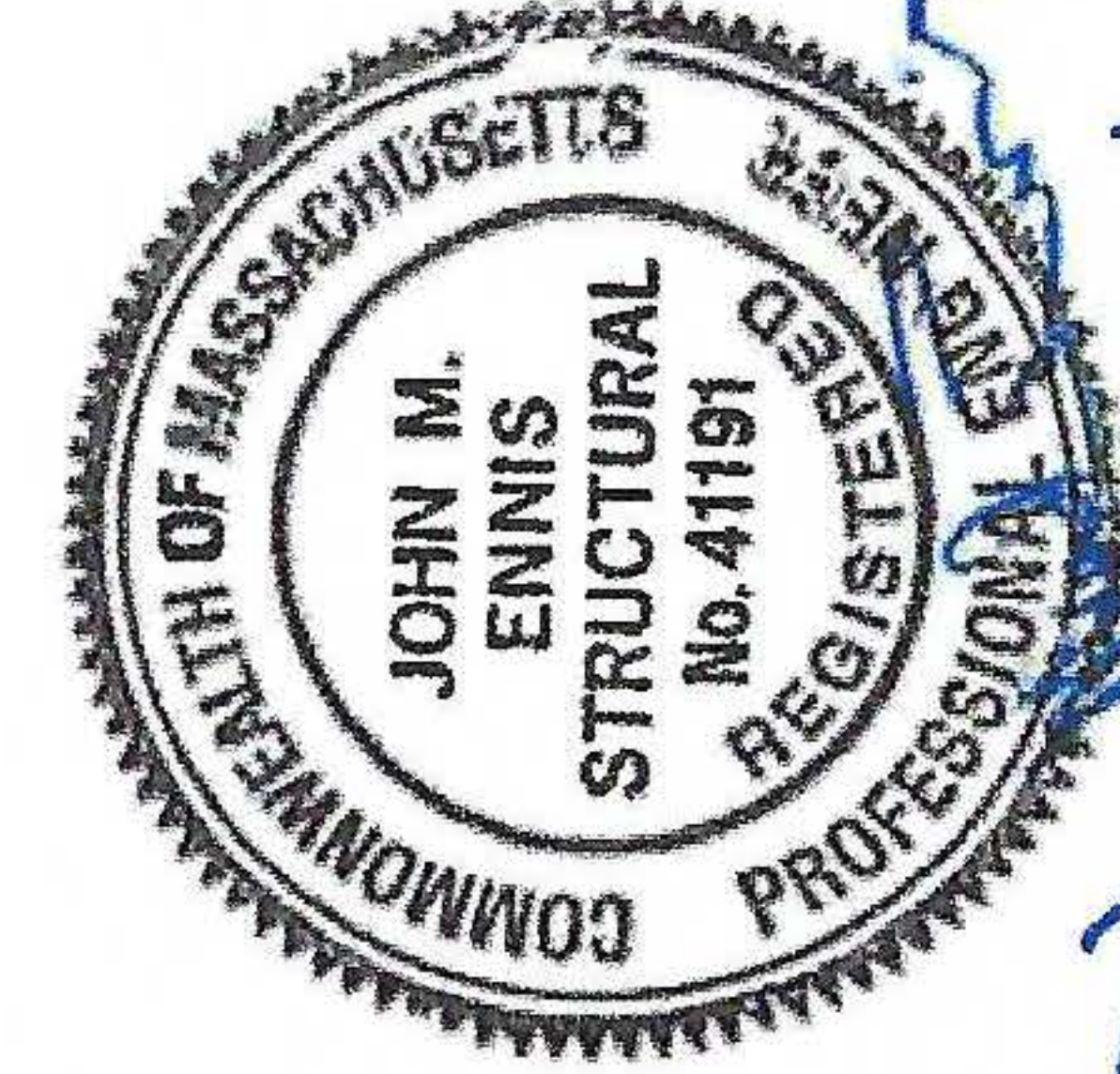


**OVERALL ELEVATION**



**NOTES:**

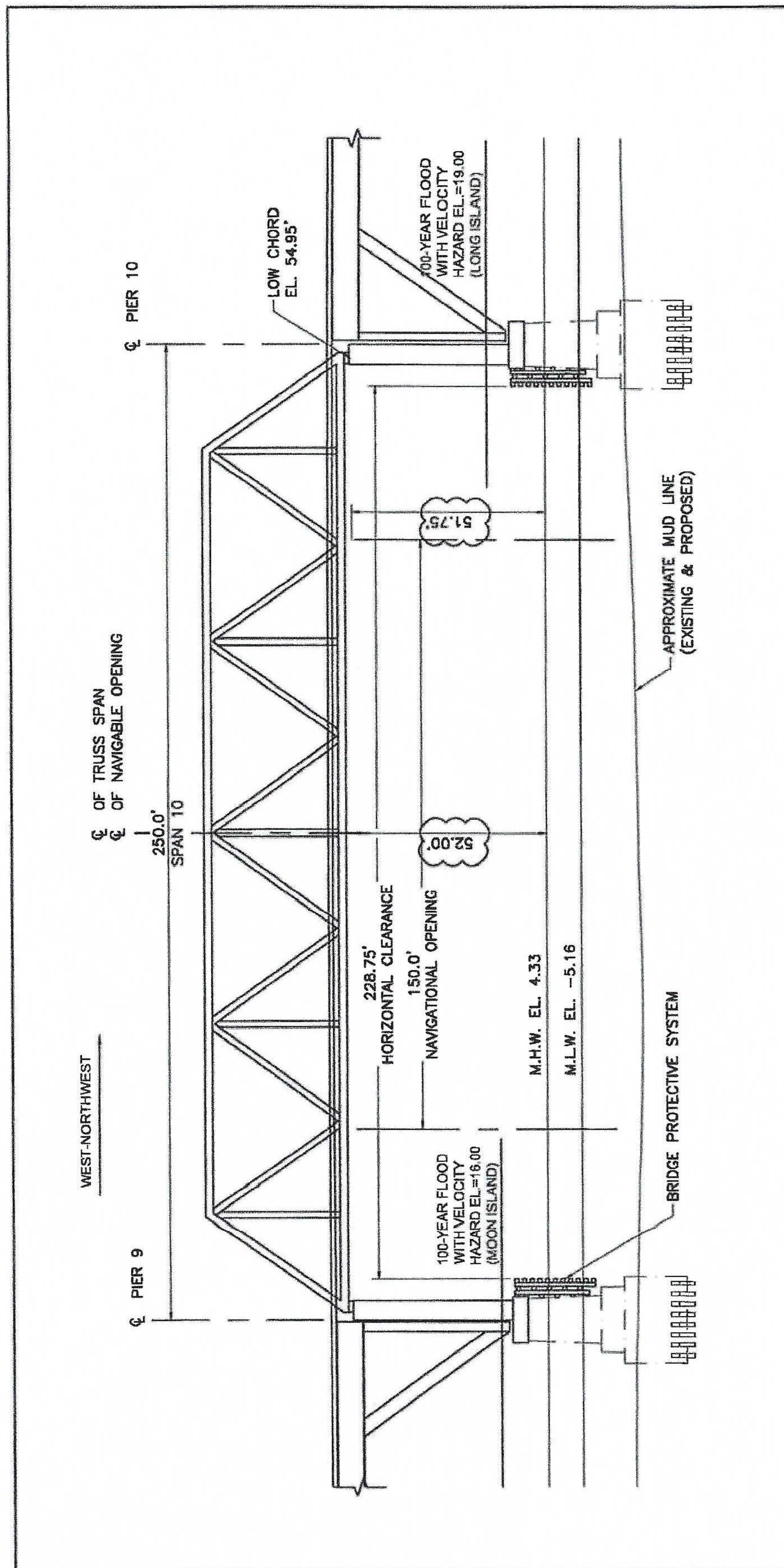
1. ELEVATIONS REFERENCE NAVD 88 DATUM. BRIDGE PERMIT APPROVED IN 1950 REFERENCED BOSTON CITY BASE. SUBTRACT 6.46' TO CONVERT (EL. 18.00' BCB = EL. 11.54' NAVD88).
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
3. 51' MINIMUM VERTICAL CLEARANCE PROVIDED FOR 150' NAVIGABLE OPENING.
4. NO RIPRAP OR FILL PROPOSED BELOW MHW.



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	BRIDGE NO. B-16-368 (91M)
	CONSULTANT: STV INC.
	DATE: NOVEMBER 18, 2019
	SHEET: 3 OF 7

REVISED JUNE 17, 2021 TO INCREASE PROPOSED VERTICAL CLEARANCE





**OWNER/APPLICANT:**  
 CITY OF BOSTON  
 PUBLIC WORKS DEPARTMENT

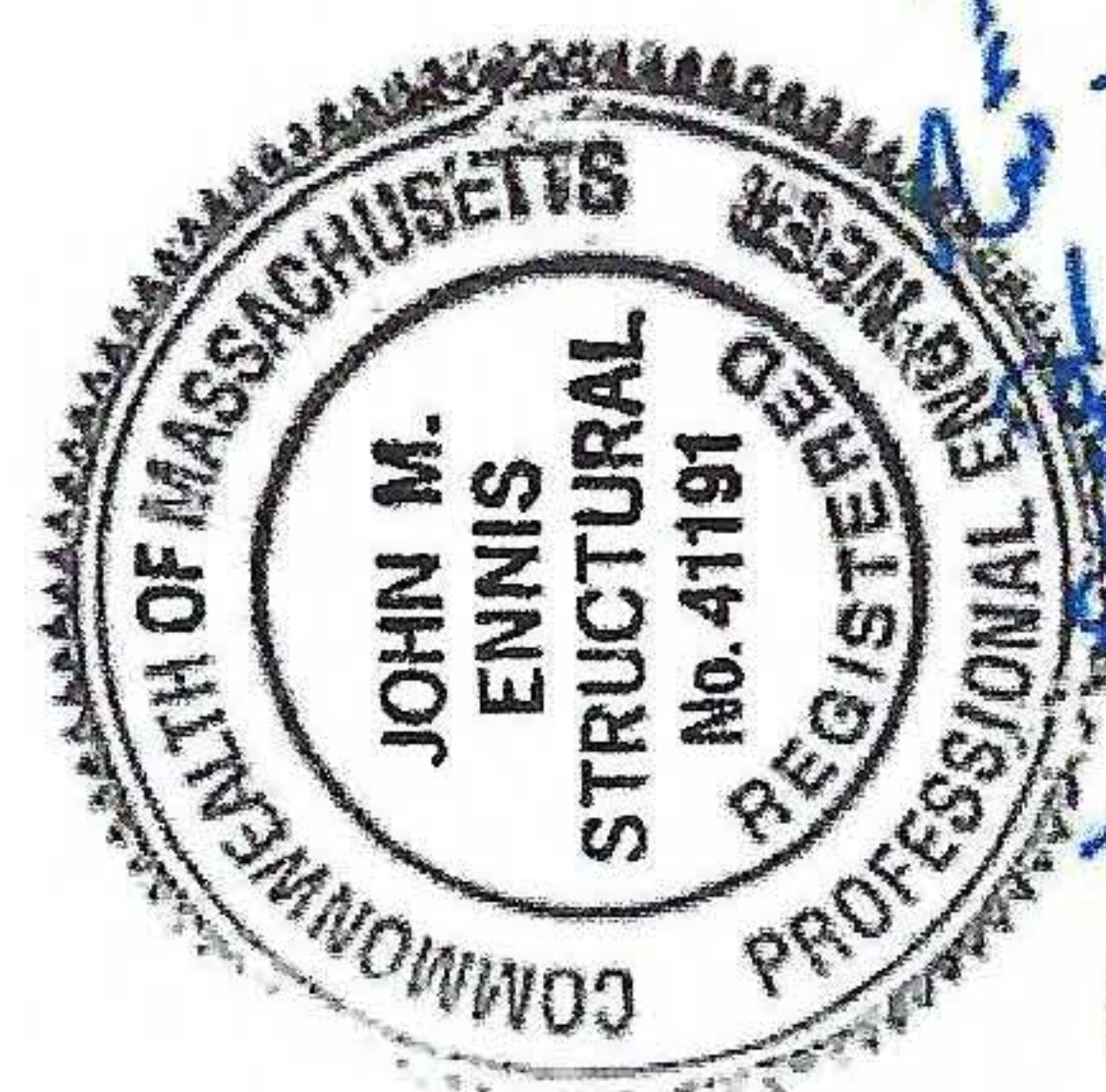
**LONG ISLAND BRIDGE  
 OVER BOSTON HARBOR  
 BOSTON AND QUINCY  
 NORFOLK AND SUFFOLK  
 COUNTY, MA  
 MILE POINT (MP) 0.0**

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CONSULTANT: STV INC.

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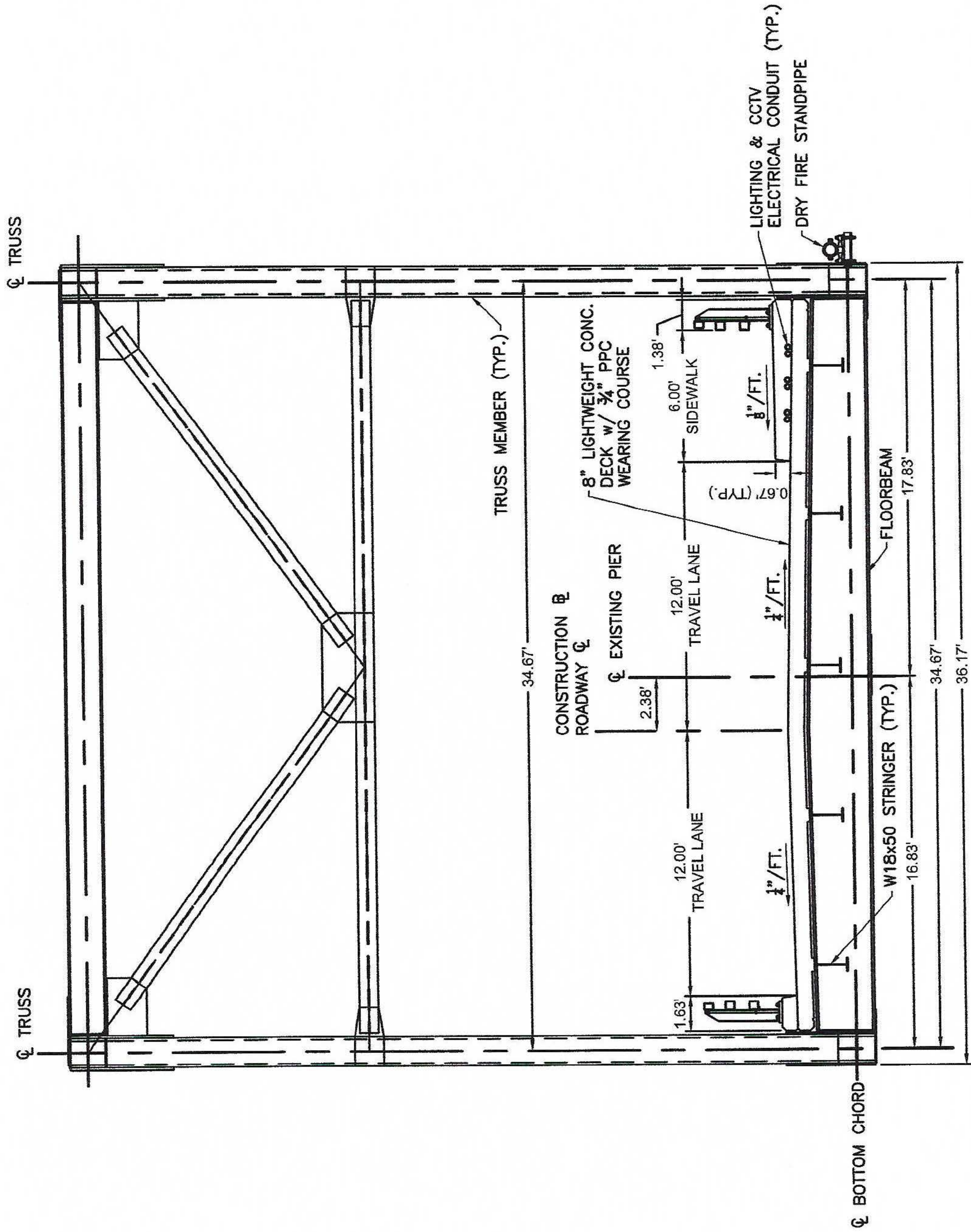
SHEET: 4 OF 7



- NOTES:**
- ELEVATIONS REFERENCE NAVD 88 DATUM.
  - 51.0' MINIMUM VERTICAL CLEARANCE PROVIDED WITHIN 150.0' NAVIGABLE OPENING.
  - CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
  - NO FILL IS PROPOSED BELOW MHW.
  - COASTAL FLOOD ZONE VELOCITY HAZARD BASE ELEVATIONS DETERMINED FROM FEMA FIRM.

REVISED JUNE 17, 2021 TO INCREASE PROPOSED VERTICAL CLEARANCE





**CROSS SECTION**



**NOTES:**

1. PORTAL FRAME BRACING IS SHOWN EXAGGERATED VERTICALLY DUE TO SLOPE OF FRAME.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

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MILE POINT (MP) 0.0**

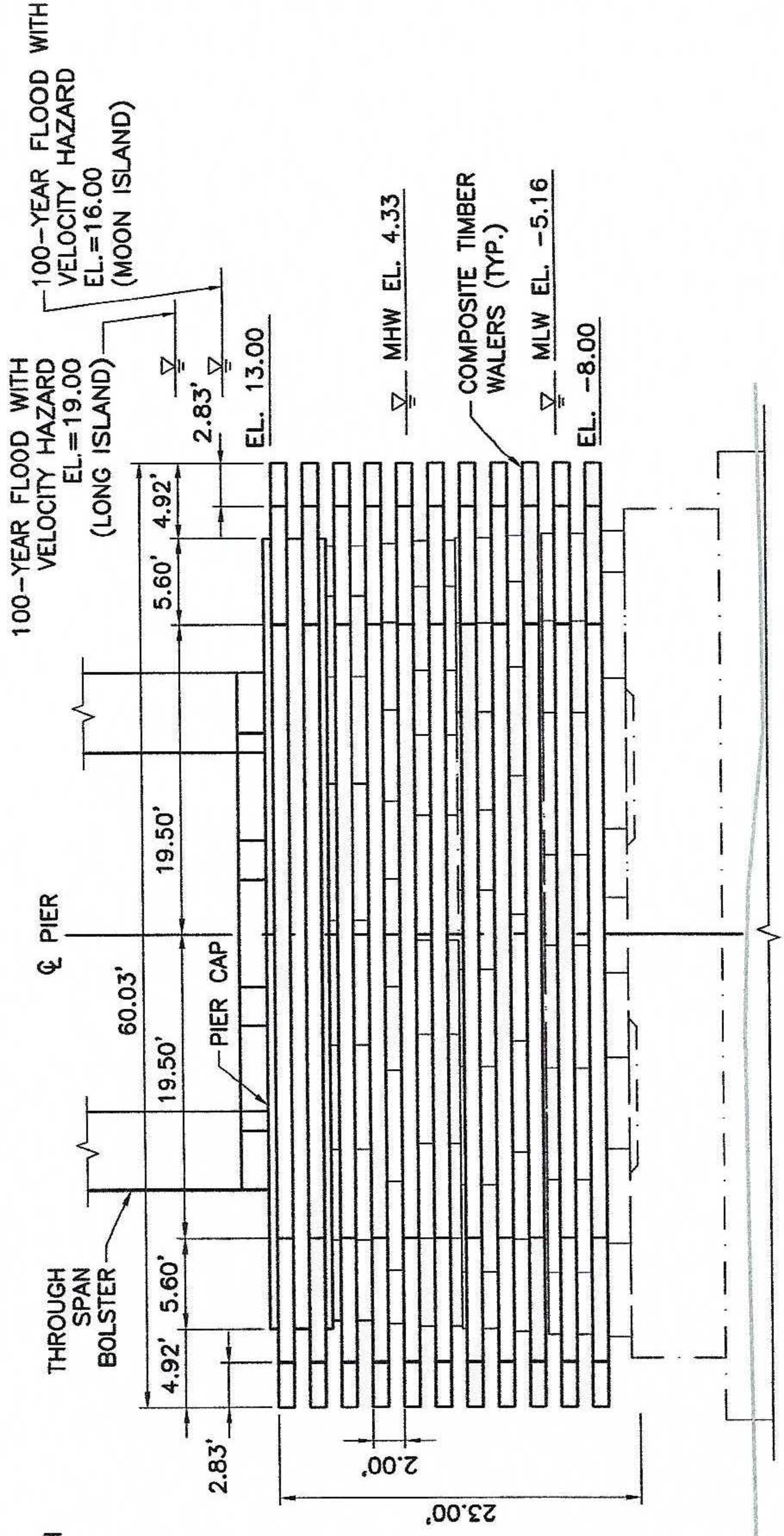
BRIDGE NO. B-16-368 (91M)

CONSULTANT: STV INC.

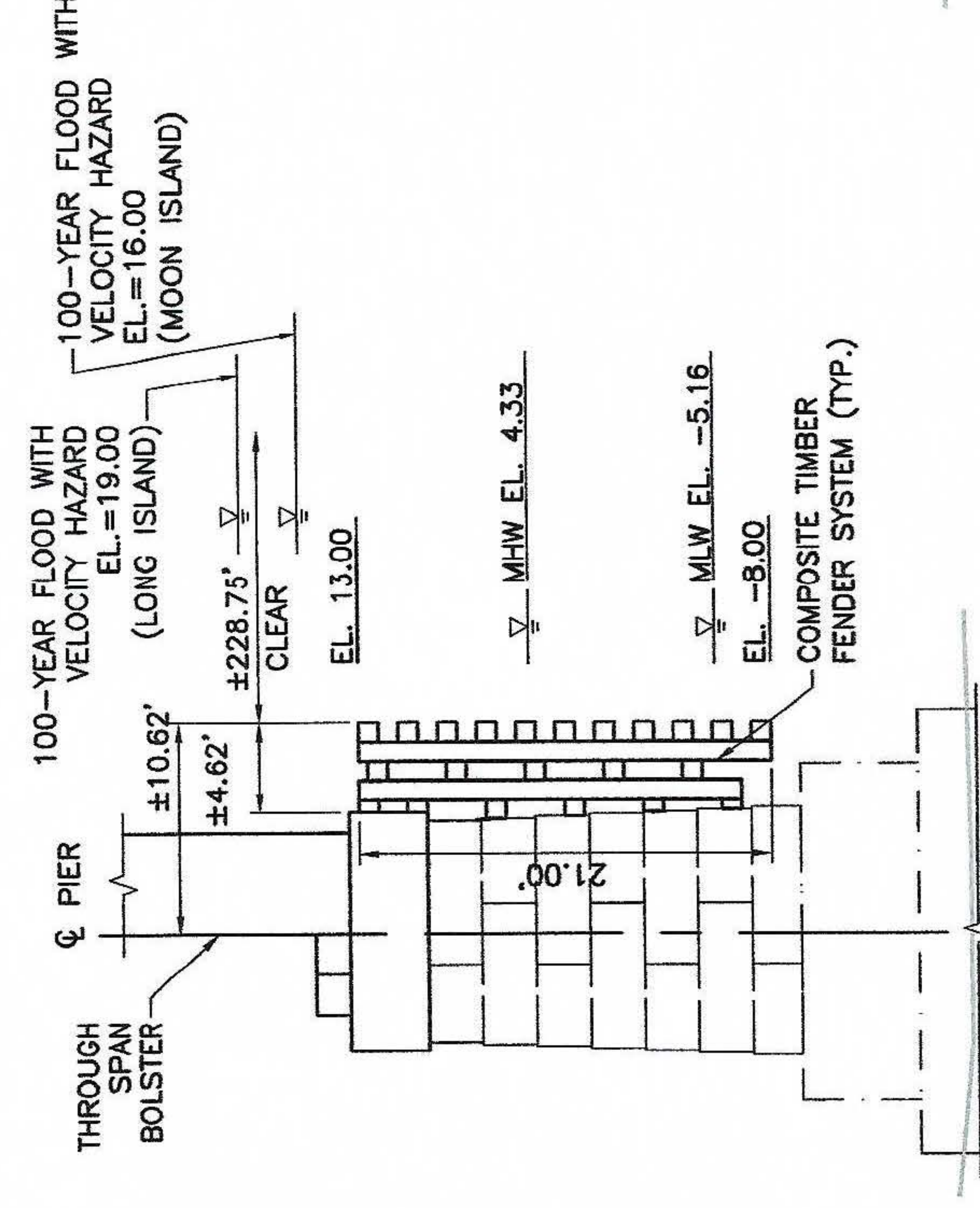
DATE: NOVEMBER 18, 2019

SHEET: 5 OF 7

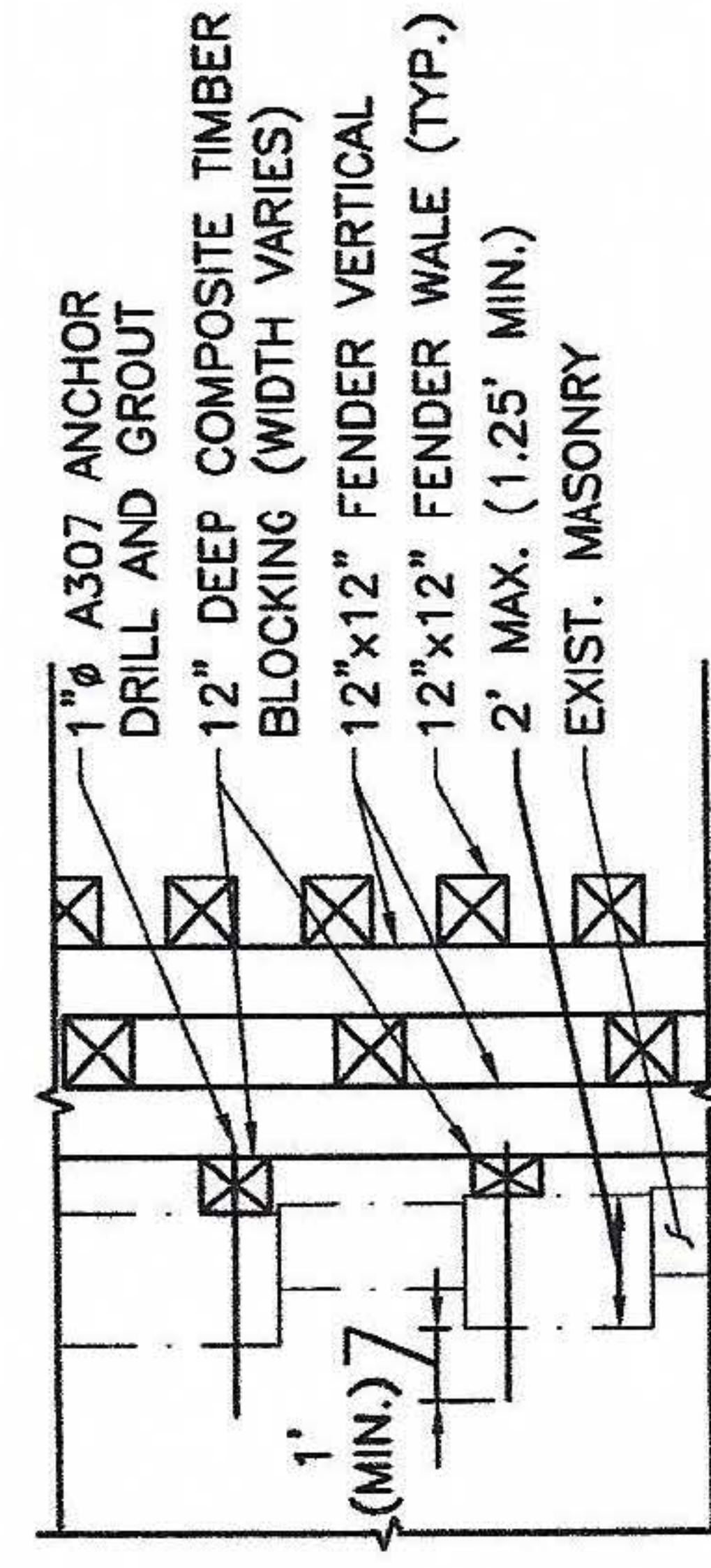




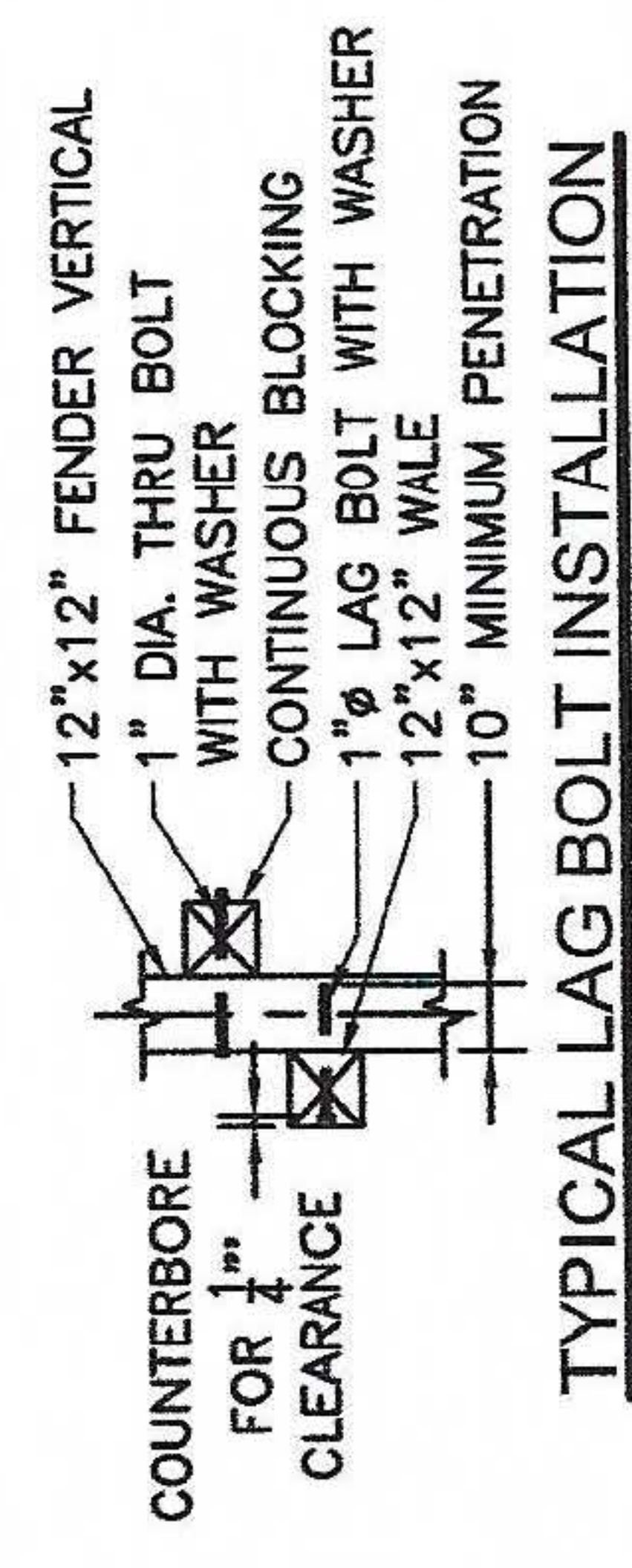
**ELEVATION (LOOKING WEST)**



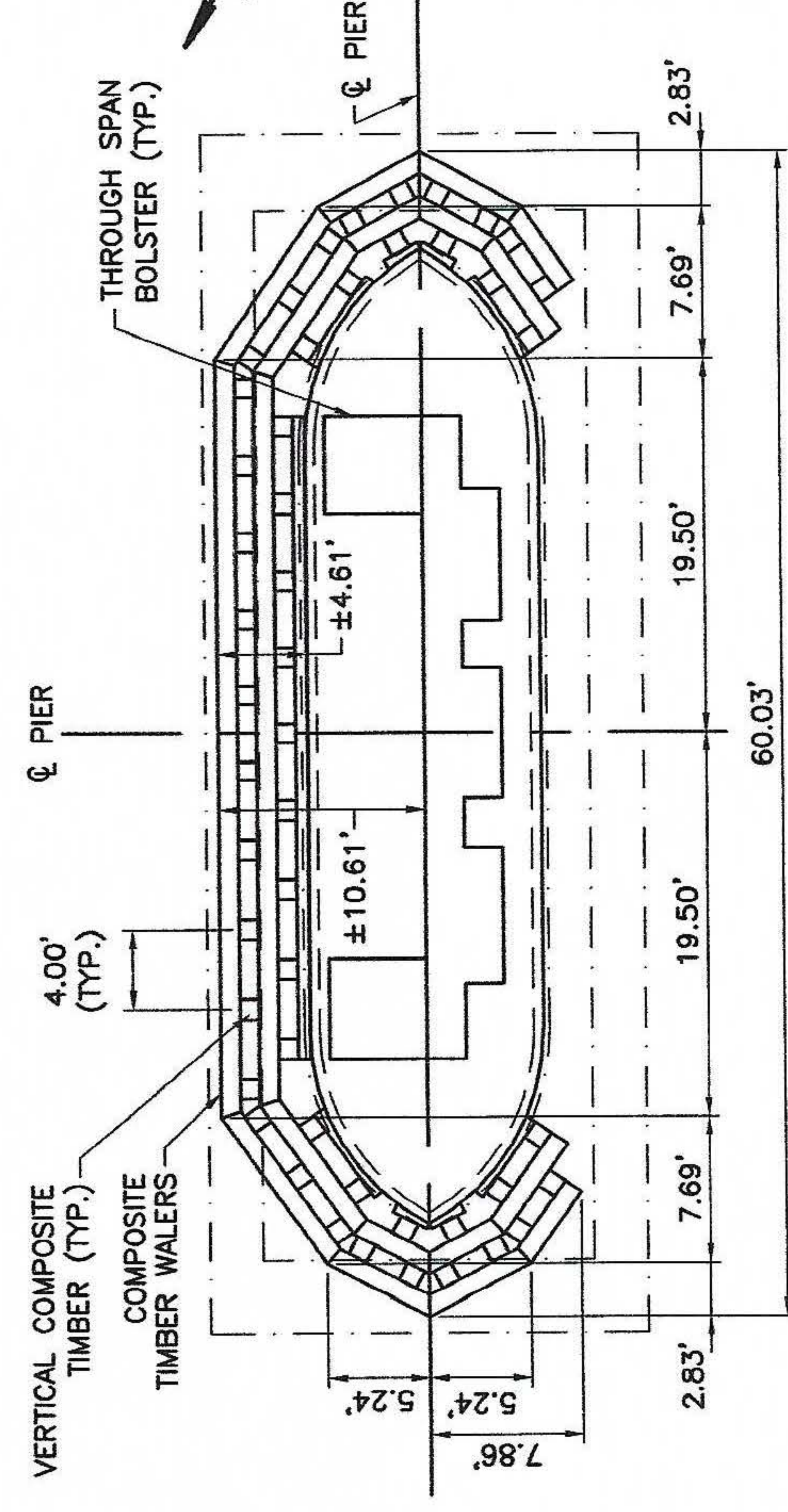
**SECTION**



**FENDER ATTACHMENT TO PIER STEM**



**TYPICAL LAG BOLT INSTALLATION**



**PLAN**

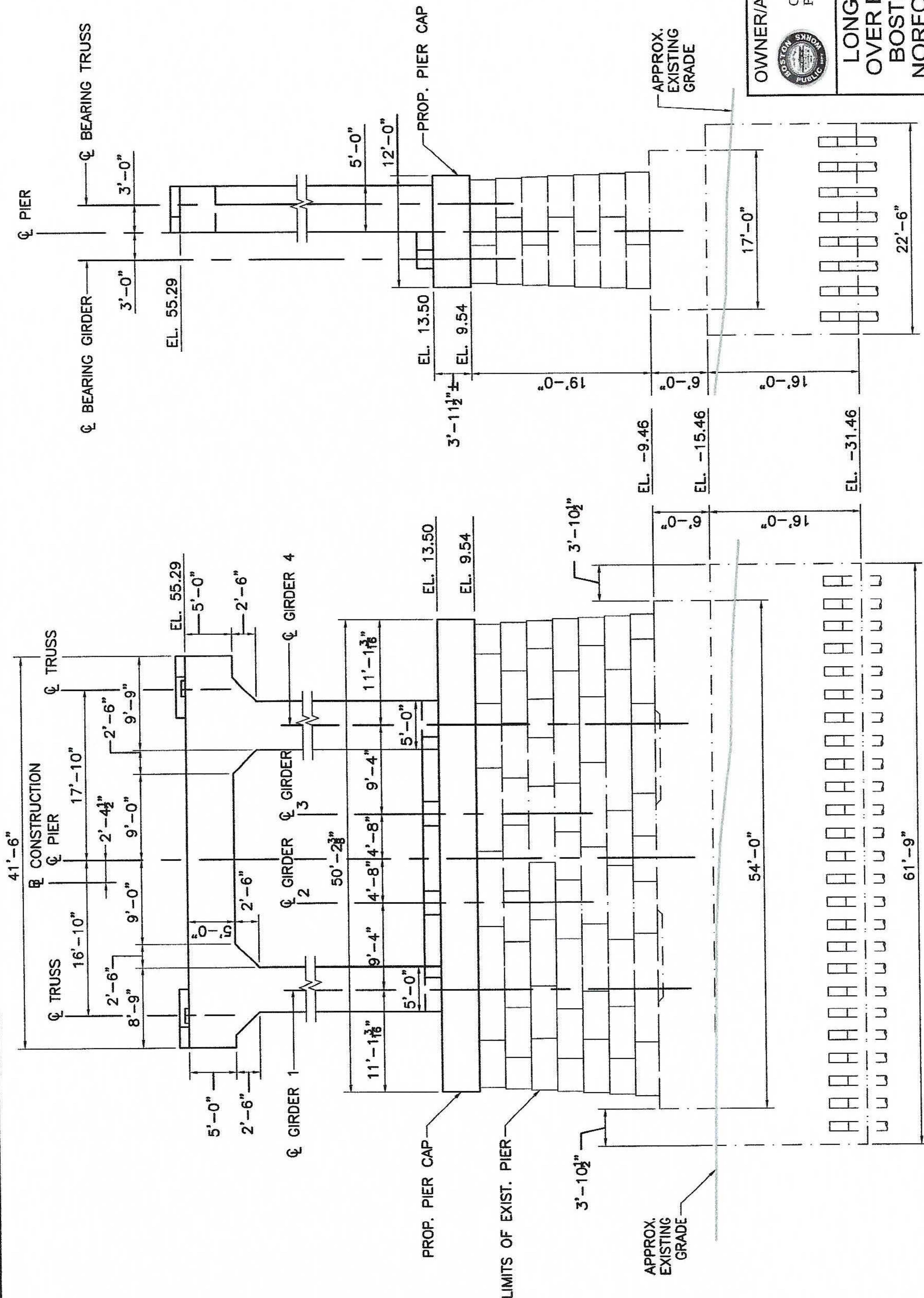
**BRIDGE PROTECTIVE SYSTEM**

**NOTES:**

1. VIEWS SHOWN ARE NOT TO SCALE
2. ELEVATIONS REFERENCE NAVD 88 DATUM.
3. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

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SECTION (LOOKING NORTH)

ELEVATION (LOOKING EAST)

**MAIN SPAN BOLSTER**

- NOTES:
1. VIEWS SHOWN ARE NOT TO SCALE
  2. ELEVATIONS REFERENCE NAVD 88 DATUM.
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