



TOWN OF SANDWICH, MASSACHUSETTS
SANDWICH BOARDWALK RECONSTRUCTION 2022

ADDENDUM NO. 3

October 27, 2022

The attention of the Bidders for the subject Contract is called to the following Addendum to the Contract Documents. The revisions set forth herein, whether of omission, addition or substitution, are to be included in, and form a part of, the Bid forms submitted.

It is the Bidder's responsibility to advise the subcontractors and suppliers of these changes.

Refer to Section 00300 of the bid forms for bidder acknowledgement of addenda.

This addendum includes the following changes:

Item No. 1

The following questions were received. Responses are provided in italics.

1. Please clarify the cross-bracing requirement. Is cross-bracing required between each helical pile bent **and** running parallel with the run of boardwalk (from helical pile bent to bent)? Or is cross-bracing only required where specifically shown on Sheets C-201 & C-202.

*Cross-bracing is just required between each helical pile bent **and** the locations for cross bracings running parallel with the boardwalk are as shown on sheets C-201 & C-202.*

2. Can an alternative helical pile cap be used in lieu of the one detailed on the plans?

The use of an alternative helical pile cap can be proposed for the Owner's consideration but shall be designed and stamped by a registered professional engineer in the Commonwealth of Massachusetts at no cost to the owner.

3. Regarding the Boardwalk over Mill Creek – please clarify the 4x12 stringer to 2x12 spilt pile cap connection.

For the connection for the Boardwalk over Mill Creek, refer to detail C/S-501 as the connection detail of spilt pile cap to the stringer. Split Pile Cap shall be 4x12 see Item No.5

4. Please clarify the stinger to pile cap connection where stringers do not meet the piles cap at a 90° angle – there are at least two instances of this in the typical boardwalk.

The use of 2” wide stainless-steel straps or ½” diameter drift pins are acceptable at these locations ONLY.

5. Ref. Sheet S-502 detail I – is the 1.5” x ½” HDG Bar only required where cross bracing bolts will be positioned? Or should this run the length of the timber facade?

The 1.5” x ½” HDG Bar shown on Detail S-502 is only required at locations where cross bracing bolts will be positioned. It is also acceptable to propose a larger bar that encompasses both bolts.

6. Can Lumber specified to be 0.6# PCF ACQ be substituted for 0.31# PCF MCA given it falls in the same use category?

Only lumber specified to have 0.6# PCF ACQ can use 0.31# PCF MCA as an approved equal. All timber specified to be treated as CCA shall remain as CCA treatment.

7. Helical Pile specifications say the pile must be designed for **10kips** and the load tests need to be taken to 200% which would be 20kips. In the GEI report where they installed indicator piles and one test pile they finish with the conclusion that “based on the test results, the helical pile for the Sandwich Boardwalk Restoration consisting of a 2-7/8 x 3/8-inch shaft diameter with 10-, 12-, and 14-inch helices achieved the **5-kip** allowable design load”. When GEI did the load test, they say the pile was loaded to three-times the design allowable load which would only be 15 kips. What was the purpose of the load test if it wasn’t for the designed load of 10kips?

Design load in the specifications shall be revised to 7,500 pounds. See Item Nos. 4 and 5.

8. Given the tide swing in the work area, can composite mats be fastened to the salt marsh with duckbill anchors such that they don’t float away?

Composite mats can be fastened down to the salt marsh such that there is no disturbance or permanent alteration to the marsh. The use of duckbill anchors however will NOT be acceptable. As conditioned in the Order of Conditions which is part of the Contract Documents, mats are to be removed from the marsh at the end of each workday.

9. Regarding the wire mesh – would the Town of Sandwich accept a different size wire? We are being told 6x6x1/4” is not a common product and have not been able to find a supplier.

Alternative wire bar sizes are acceptable but shall be thicker than or equal to a 3/16” bar or 6-gauge equivalent. Mesh is required to be 6x6.

Item No. 2

Bidders are advised that a Statement of Qualifications form has been added as an attachment to Section 00300 Form of General Bid. This Statement of Qualification form shall be completed and submitted with the bid via the online bidding form as instructed therein. The Contract Documents are hereby amended as follows:

TABLE OF CONTENTS – Replace this section with the TABLE OF CONTENTS attached to this Addendum.

SPECIFICATIONS:

Item No. 3

Specification Section 31 63 26.60 Helical Piles, Part 1 Subclause 1.01 B

Replace existing Part 1 Subclause 1.01 B with the following new Part 1 Subclause 1.01 B:

“Provide all plant, labor, materials, equipment, and services for the complete installation of piles as specified herein and on the contract drawings. The helical piles shall have a design bearing capacity of 7,500 pounds per pile. Piles shall be hot-dipped galvanized, installed to achieve the design loads specified on the contract drawings. The Contractor will be responsible for furnishing piles of sufficient length to obtain the specified design load. The work includes, but is not limited to, the following:”

PLANS:

Item No. 4

Delete: Drawing C-302

Replace with: Attached Drawing C-302 Revision 1

Item No. 5

Sheet G-002, Helical Pile Note 7, Replace this note with the following:

7. TENSILE AND COMPRESSIVE LOAD THE PILE HAS BEEN DESIGNED FOR IS 7,500 LBS.

TABLE OF CONTENTS

Section Number

Bidding and Contract Requirements

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Attachment – EJCDC Standard General Conditions of the Construction Contract No. C-700, 2007 Ed.	
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Attachment A – Massachusetts Prevailing Wage Rates and Certificate of Compliance	
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Attachments:	
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Drawings:

SANDWICH BOARDWALK RECONSTRUCTION

23 Sheets

SANDWICH BOARDWALK RECONSTRUCTION 2022

TOWN OF SANDWICH, MASS.

STATEMENT OF QUALIFICATIONS

- A. Bidders shall demonstrate at least six years of experience in the installation of marine timber pile-supported structures built for public use and which meet the criteria required by the Contract Documents and which is acceptable to the Town of Sandwich. This experience shall also demonstrate the Contractor's ability and understanding of working in a tidal environment.
- B. References: The Contractor shall provide references to three projects of similar scope completed within the last six years. At least three of the references must be projects that incorporated helical pile systems.
- C. Foreman/superintendent: The Contractor shall employ and maintain at the project site on a full-time basis a qualified foreman who shall have been designated in writing by the Contractor as the Contractor's representative and approved in writing by the Owner.
- The Foreman shall have full authority to act on behalf of the Contractor and all communications given to the Foreman shall be as binding as if given to the Contractor.
 - The Foreman shall be present on the site at all times during the course of the work to provide adequate supervision and coordination of the work. An Alternative Foreman shall follow the same process as this section in the event the Foreman cannot be on site.
 - The Foreman shall have demonstrated experience working in a tidal environment and marine timber pile-supported construction for public use.
 - The Contractor shall submit a resume of such experience with their Bid Form.
 - The Contractor shall maintain the same Foreman for the duration of the Work.

This statement shall be filled out and returned with the Bidder's Bid.

Bidder's Company Name and 'Doing Business As' if applicable: _____

Permanent Mailing Address: _____

State of Incorporation: _____

Telephone Number: _____

Email Address: _____

Names of Officers/Principals: _____

Years in Business Under Above Name: _____

Type(s) of Work by Your Firm: _____

Name of Construction Foreman: _____ Years in Business: _____

Forman's Project Experience (three references): _____

Bidder's experience in marine timber pile-supported Construction of similar scope, cost, complexity, materials and methods:

Project #1

Address

Contact

Phone number

Project Scope and Contract Amount

Project #2

Address

Contact

Phone number

Project Scope and Contract Amount

Project #3

Address

Contact

Phone number

Project Scope and Contract Amount

Project #4

Address

Contact

Phone number

Project Scope and Contract Amount

Project #5

Address

Contact

Phone number

Project Scope and Contract Amount

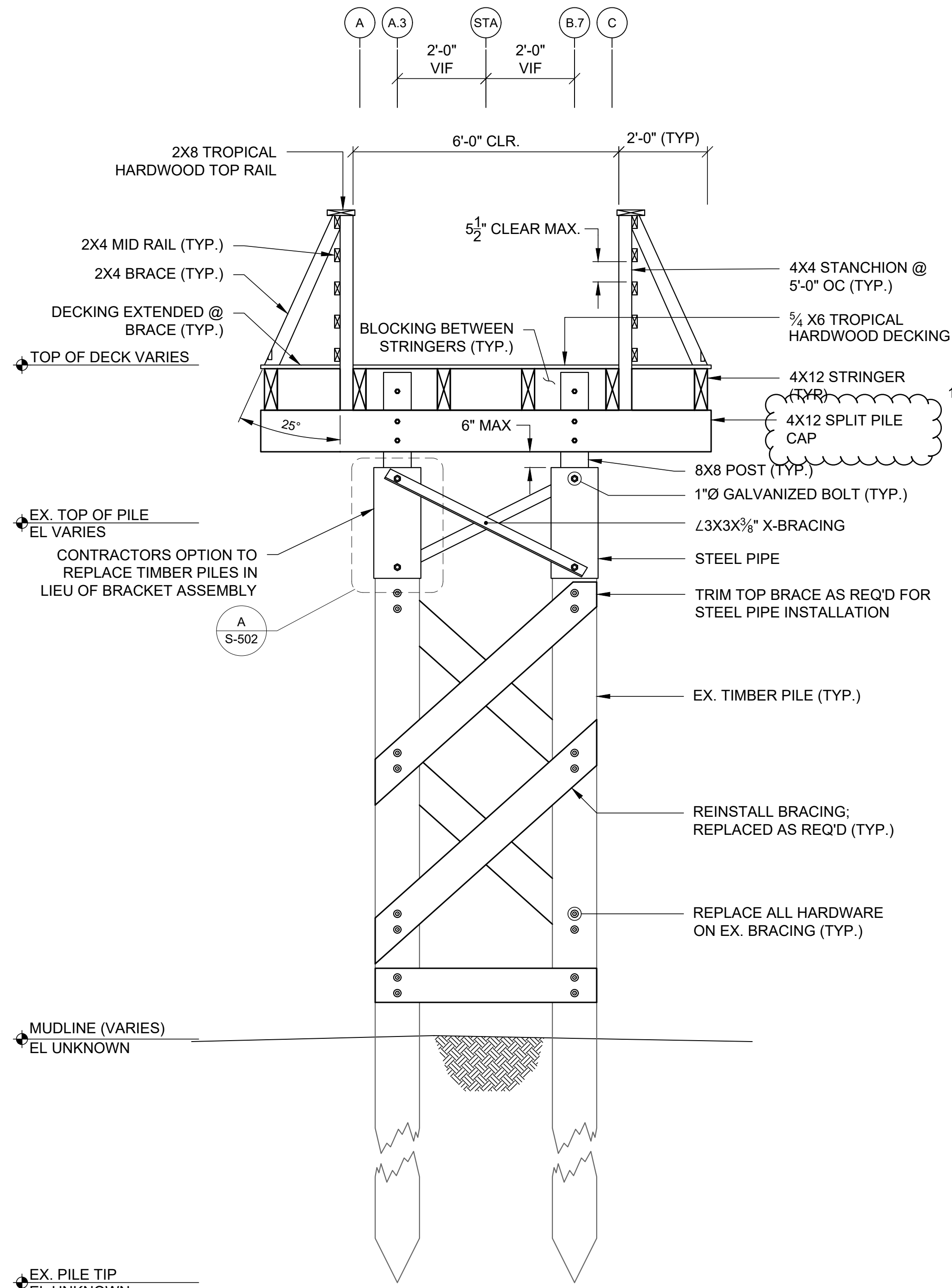
Project #6

Address

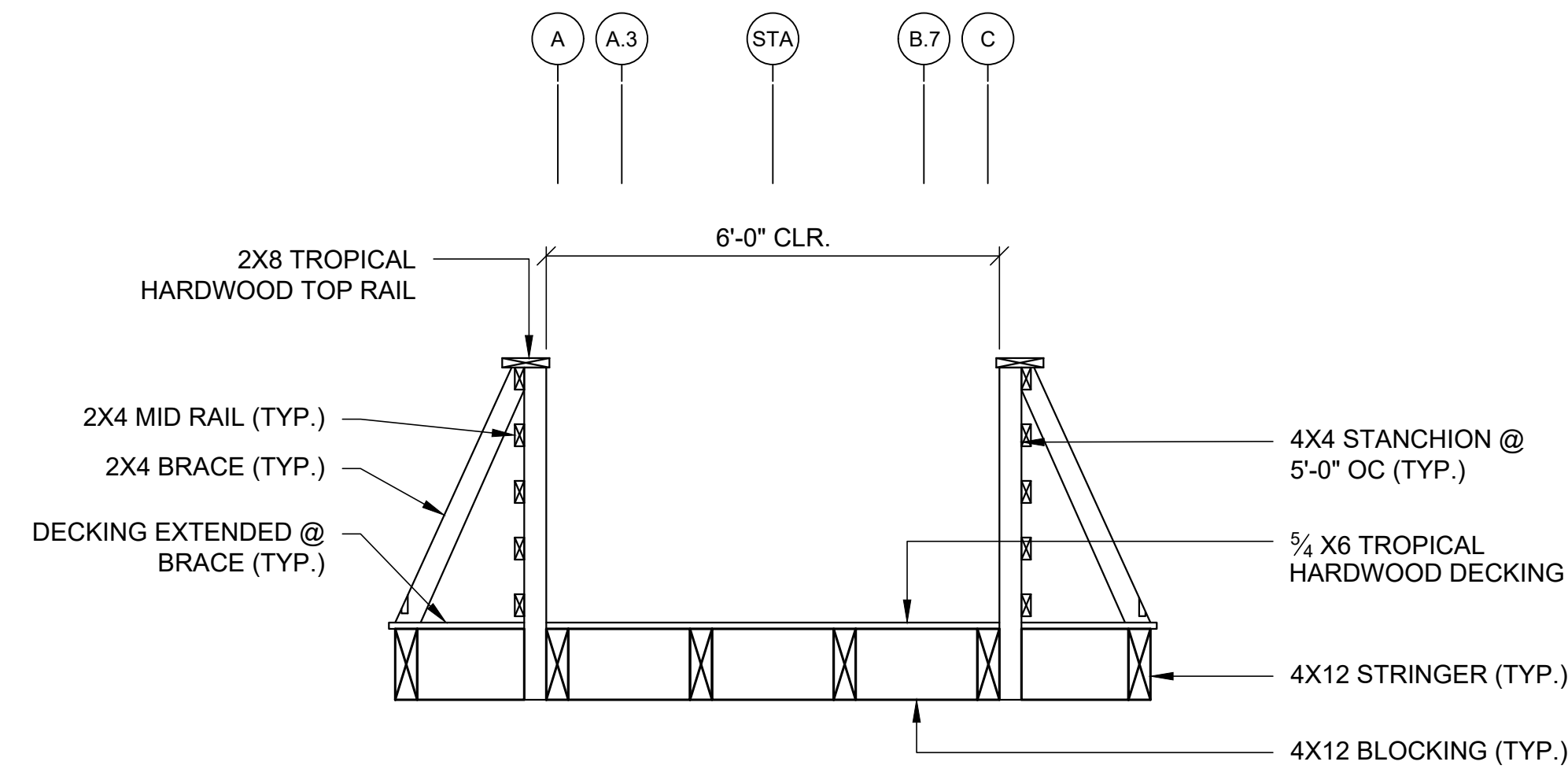
Contact

Phone number

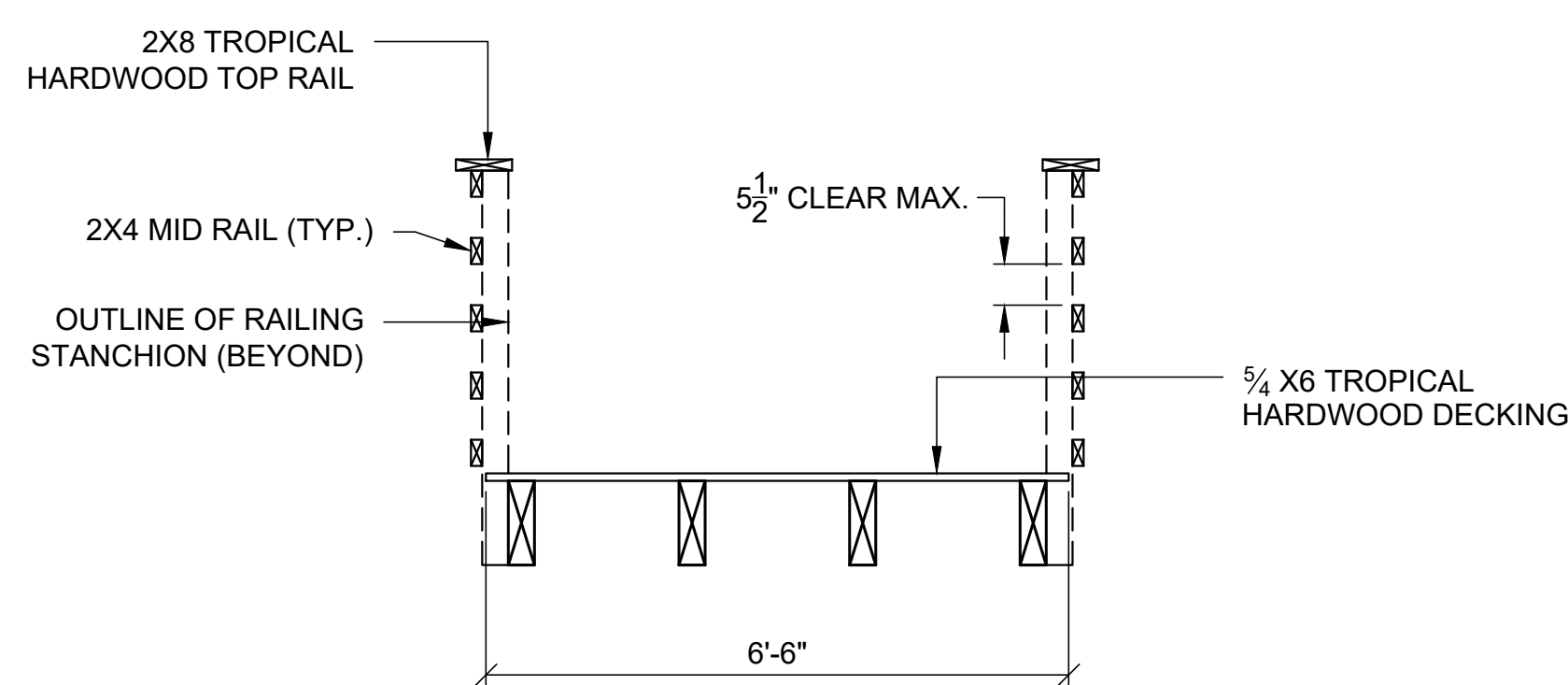
Project Scope and Contract Amount



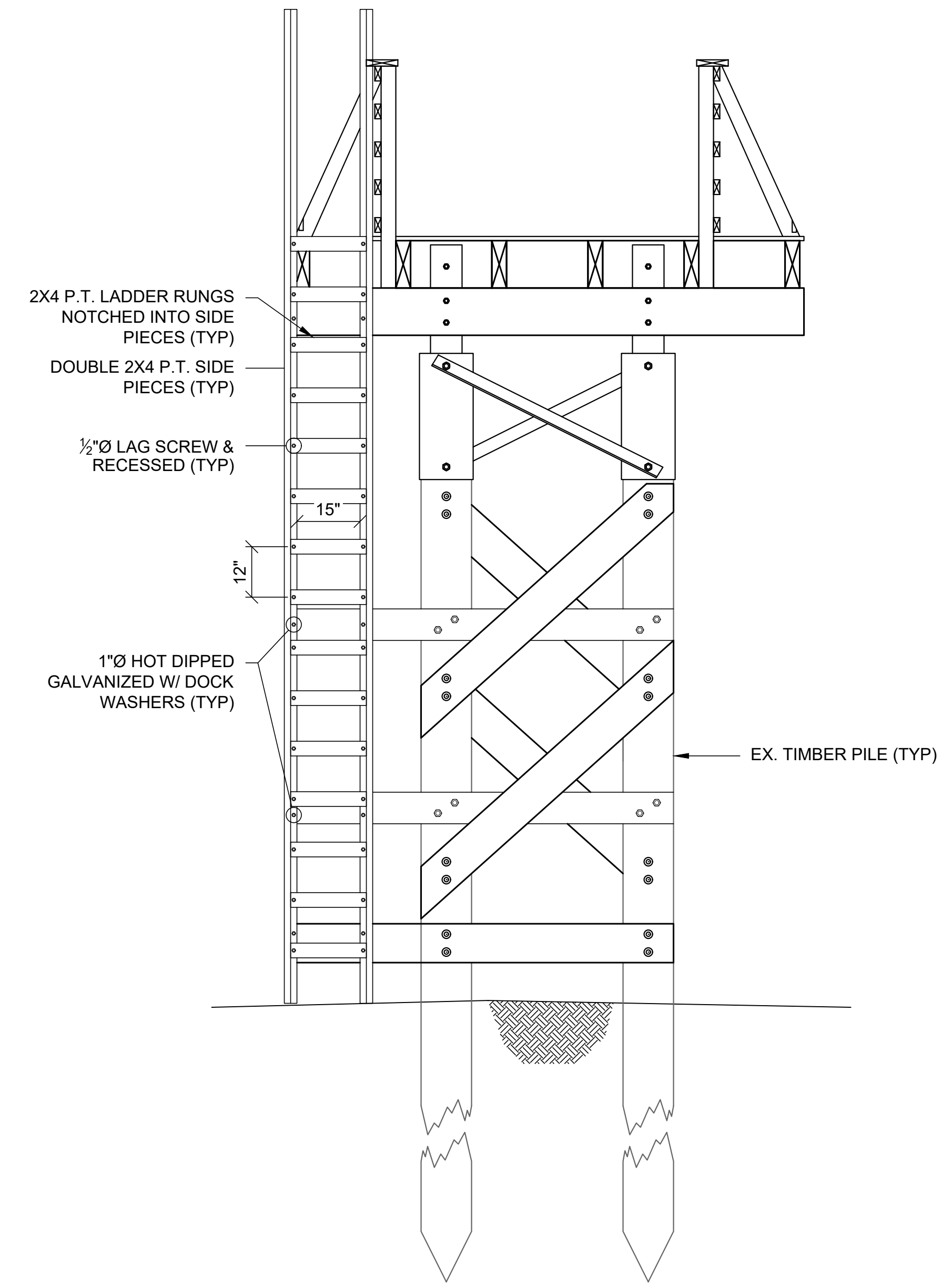
A SECTION
C-101 TYPICAL BENT SCALE: 1/2" = 1'-0"



B SECTION
C-101 BRIDGE MIDSPAN SCALE: 1/2" = 1'-0"



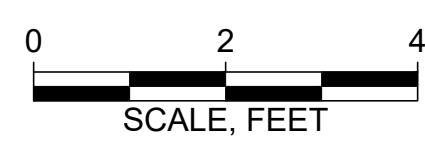
C SECTION
C-101 BRIDGE BETWEEN RAILING STANCHIONS SCALE: 1/2" = 1'-0"



D SECTION
C-101 MILL CREEK BRIDGE PLATFORM SCALE: 1/2" = 1'-0"

NOTE:
FOR ADDITIONAL DETAILS; REFER TO DRAWINGS S-501 TO S-502, S-504.

FOR CONSTRUCTION



Attention:
0 1" SCALE, FEET
If this scale bar does not measure 1" then drawing is not original scale.

Designed: AJG, CS
Drawn: JSF, BPM
Checked: RJT
Approved: ADP
P.E. No: 51177
GEI Project 2102885



TOWN OF SANDWICH
130 MAIN STREET
SANDWICH, MA
02563

SANDWICH BOARDWALK RECONSTRUCTION
21 BOARDWALK RD.
SANDWICH, MA
02563

NO	DATE	ISSUE/REVISION	APP
1	10/25/2022	Addendum 3	ADP
0	9/13/2022	ISSUED FOR BID	ADP
		ISSUE/REVISION	APP

SHEET NAME
BOARDWALK OVER MILL CREEK SECTIONS

SHEET NO.
C-302