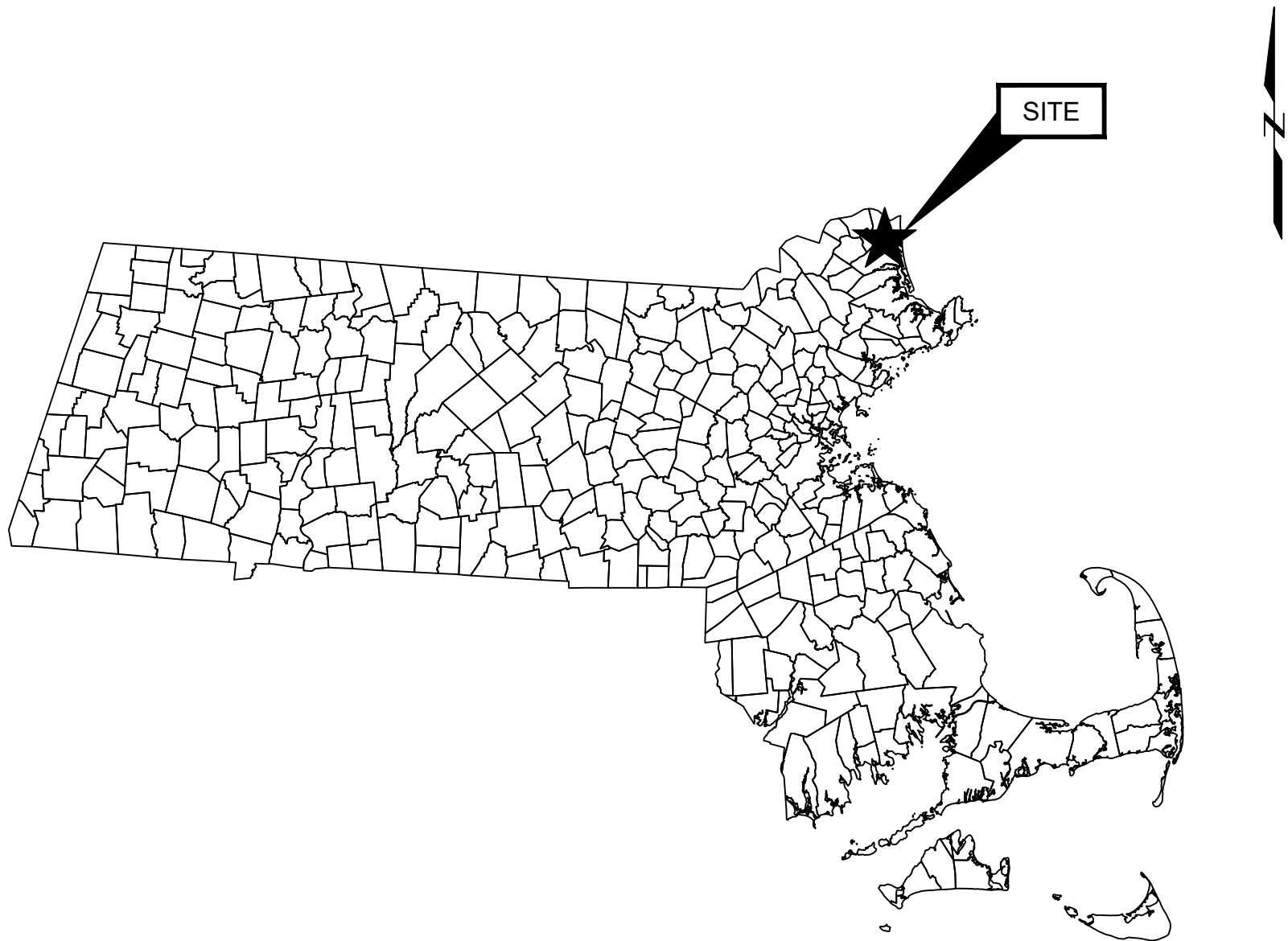
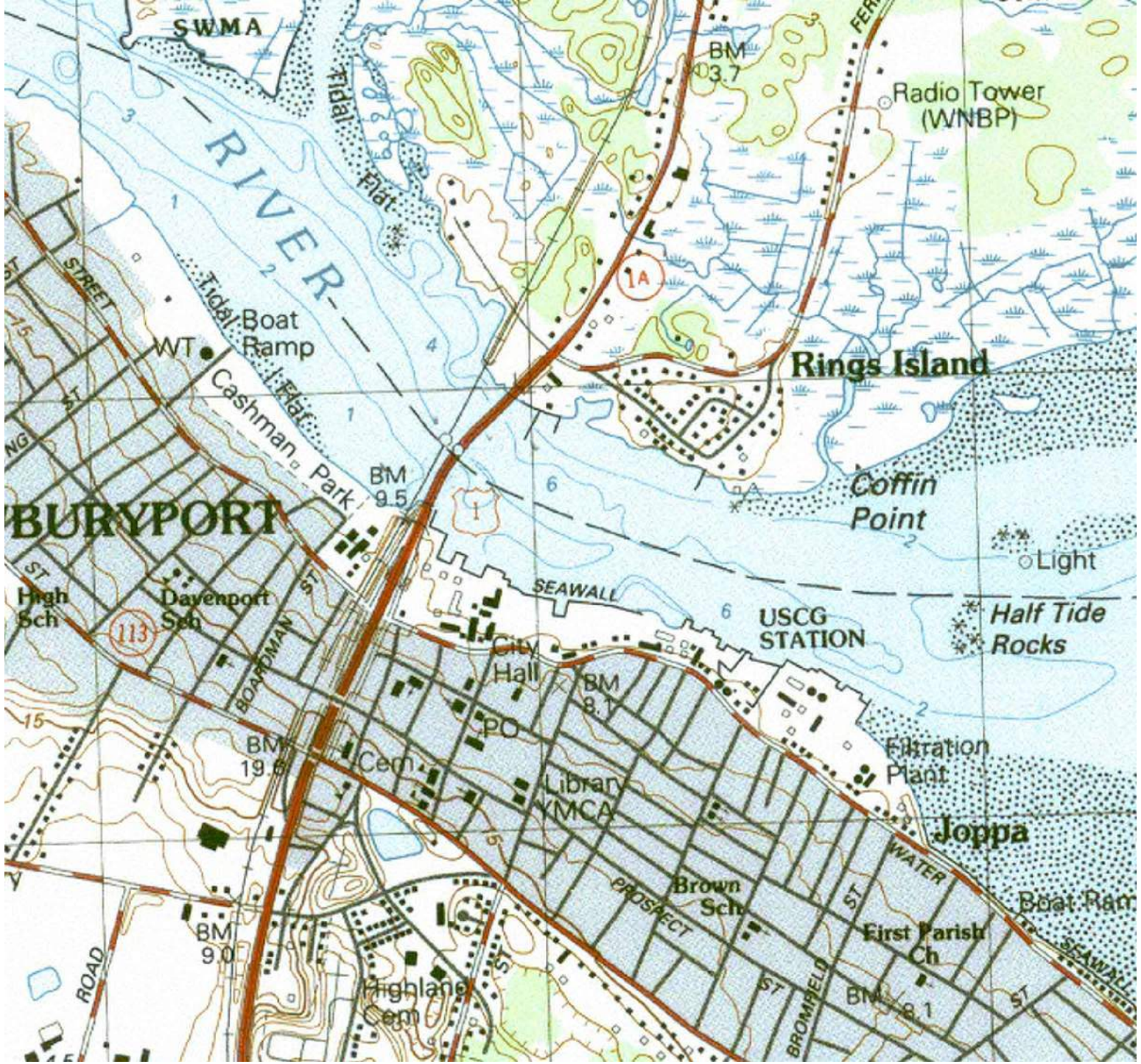


CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

BID NUMBER #26-28
PROJECT DOG CODE #875453
CITY OF NEWBURYPORT
NEWBURYPORT, MA
JULY 2026



LOCUS MAP
1"=1000'



KEY PLAN
(NOT TO SCALE)

SHEET LIST TABLE

Sheet Number	Sheet Title
G-001	COVER SHEET
G-002	GENERAL NOTES
G-003	CONSTRUCTION PHASING AND SEQUENCING PLAN
V-101	EXISTING CONDITIONS
V-301	EXISTING SECTIONS - SHEET 1 OF 2
V-302	EXISTING SECTIONS - SHEET 2 OF 2
V-501	EXISTING CONDITIONS DETAILS
C-101	DEMOLITION PLAN - SHEET 1 OF 2
C-102	DEMOLITION PLAN - SHEET 2 OF 2
C-110	PROPOSED SITE PLAN
S-301	PROPOSED SECTIONS - SHEET 1 OF 2
S-302	PROPOSED SECTIONS - SHEET 2 OF 2
S-401	WESTERN EXTENSION FRAMING PLAN
S-501	DETAILS - SHEET 1 OF 1

PREPARED FOR:

CITY OF NEWBURYPORT
60 PLEASANT STREET
NEWBURYPORT, MA
(978)465-4413

PREPARED BY:

GEI CONSULTANTS, INC.
124 GROVE STREET
FRANKLIN, MA 02038
(774)277-6001

FOR BID

DWG. NO.
G-001

SHEET NO.
1

GENERAL NOTES

CODES:

1. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
2. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)
3. AMERICAN WELDING SOCIETY (AWS)
4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
5. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC)
6. AMERICAN CONCRETE INSTITUTE (ACI)
7. AMERICAN WOOD COUNCIL (AWC)
8. CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
9. MASSACHUSETTS STATE BUILDING CODE
10. THE COMMONWEALTH OF MASSACHUSETTS, DEPARTMENT OF PUBLIC WORKS "STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES" (1988 EDITION, 15 JUNE 2012 SUPPLEMENTAL SPECIFICATIONS) (MHD), & 14 JUNE 2013 INTERIM SUPPLEMENTAL SPECIFICATIONS (MHD)

DESIGN CRITERIA - LIVE LOADS

1. BOARDWALK PEDESTRIAN LIVE LOAD 100PSF

OSHA REQUIREMENTS:

1. PURSUANT TO M.G.L. c.30, §39S, ANY PERSON SIGNING A CONTRACT TO WORK ON A PUBLIC BUILDING OR PUBLIC WORKS PROJECT ESTIMATED TO COST MORE THAN \$10,000, MUST CERTIFY UNDER THE PAINS AND PENALTIES OF PERJURY THAT ALL EMPLOYEES EMPLOYED ON THE WORKSITE, OR IN WORK SUBJECT TO THE BID, HAVE SUCCESSFULLY COMPLETED AT LEAST TEN HOURS OF OSHA APPROVED TRAINING. PROOF OF OSHA CERTIFICATION OF ALL WORKERS ONSITE WILL BE REQUIRED BY THE CITY PRIOR TO THE START OF WORK.

SURVEY CONTROL AND BASELINES:

1. TOPOGRAPHIC SURVEY WAS COLLECTED BY DONOHUE & PARKHURST IN DECEMBER 2012 AND CAN ONLY REFLECT CONDITIONS AT TIME OF SURVEY.
2. BACKGROUND AERIAL IMAGE TAKEN FROM NEARMAP DATED APRIL 21, 2026.
3. COORDINATES, IN U.S. SURVEY FEET, ARE IN MASSACHUSETTS STATE PLANE COORDINATE SYSTEM REFERENCED TO THE NORTH AMERICAN DATUM OF 1983.
4. ELEVATIONS ARE SHOWN IN FEET AND TENTHS BASED ON A NAVD 88 DATUM. POSITIVE VALUES REPRESENT AN ELEVATION ABOVE THAT SAME PLANE.
5. ELEVATIONS, IN U.S. SURVEY FEET, ARE REFERENCED TO A USGS DISK F1, ELEV. = 25.85' NAVD 88.
6. ANY UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AS TAKEN FROM RECORDS OR AS MARKED ON THE GROUND BY OTHERS. THEY ARE NOT WARRANTED TO BE CORRECT OR COMPLETE. UNDERGROUND UTILITIES MUST BE MARKED ON THE GROUND PRIOR TO ANY WORK. AN INVESTIGATION OF UNDERGROUND UTILITIES HAS NOT BEEN CONDUCTED BY DONOHUE AND PARKHURST, INC.
7. THE CONTRACTOR SHALL INSTALL ADDITIONAL SURVEY CONTROL AS NECESSARY TO PERFORM THE WORK. PERMANENT SURVEY CONTROL (AT LEAST 2 POINTS) SHALL BE ESTABLISHED FOR THE PROJECT AND PROTECTED FROM DAMAGE DURING CONSTRUCTION AND PROVIDED ON AS-BUILT DRAWINGS.
8. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN PROJECT BASELINES AND CONTROL AS REQUIRED TO ENSURE ACCURATE LOCATION OF ALL ELEMENTS OF THE PROJECT.
9. PROPERTY LINE INFORMATION IS APPROXIMATE TAKEN FROM MA GIS ASSESSORS PARCELS.

SITE ACCESS AND STAGING AREAS:

1. CONTRACTOR STAGING AREA SHALL BE LOCATED WITHIN THE LIMITS AS SHOWN ON PLAN UNLESS AGREED OTHERWISE BY THE OWNER.
2. NO MATERIALS OR EQUIPMENT SHALL BE STORED OUTSIDE LIMITS SHOWN UNLESS APPROVED BY OWNER.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SECURITY. CONTRACTOR SHALL PROVIDE CHAIN LINK FENCING AROUND PERIMETER OF WORK AREA AND STAGING AREA TO PREVENT PUBLIC ACCESS AND PROVIDE PUBLIC SAFETY. THE FENCE SHALL BE A MINIMUM OF 6' HIGH AND CONSTRUCTED OF GALVANIZED STEEL CHAIN LINK WITH POSTS AT 8' ON CENTER. FENCE SHALL BE SUPPORTED BY CONCRETE BLOCKS TO RECEIVE POSTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY. ALL CONSTRUCTION ACTIVITY SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL AND STATE REGULATIONS.
5. AREAS OUTSIDE THE LIMITS OF THE WORK DISTURBED OR DAMAGED BY THE CONTRACTOR SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER AS SOON AS PRACTICABLE.

SEQUENCE AND PHASING OF WORK

1.

SITE PREPARATION:

1. CONTRACTOR SHALL INSTALL ALL SIGNAGE PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES INCLUDE OWNER PROJECT SIGNAGE, FEDERAL, AND STATE MANDATED WORK PLACE SIGNAGE.
2. CONTRACTOR SHALL HAVE IN-PLACE TRASH AND SANITARY FACILITIES FOR THE WORK PLACE.
3. EXISTING PAVEMENT STRUCTURES, APPURTENANCES, AND AMENITIES WITHIN THE PROXIMITY OF THE WORK SHALL BE PROTECTED TO PREVENT ACCIDENTAL DAMAGE BY CONSTRUCTION ACTIVITIES.
4. DISCOVERY OF INCONSISTENT SITE INFORMATION OR CONDITIONS ARE TO BE IMMEDIATELY CONVEYED TO THE OWNER AND ENGINEER PRIOR TO COMMENCING OR CONTINUING CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY DIG-SAFE PRIOR TO COMMENCING ANY WORK ON SITE.
6. LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF UTILITIES AS MAY BE REQUIRED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES OCCURRING AS A RESULT OF THE CONTRACTOR'S FAILURE TO LOCATE AND PROTECT UNDERGROUND UTILITIES. ALL REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
7. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING UTILITIES AND DRAINAGE AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AND RESTORE TO THE PRE-EXISTING CONDITION AT NO COST TO THE OWNER.
8. CONTRACTOR SHALL SUPPLY AND INSTALL APPROVED FILTER FABRIC IN CATCH BASINS AND COVER AS REQUIRED TO PREVENT CONSTRUCTION RELATED FILL OR OTHER MATERIAL FALLING INTO CATCH BASIN.
9. CONTRACTOR SHALL CLEAN OUT ALL CATCH BASINS AND OTHER DRAINAGE STRUCTURES ON COMPLETION OF WORK.
10. CONTRACTOR SHALL SUPPLY ALL NECESSARY TEMPORARY UTILITIES FOR CONSTRUCTION INCLUDING WATER, POWER, LIGHTING, DATA AND TELEPHONE.

TIMBER

1. STRINGERS, PILE CAPS, AND NAILERS SHALL BE SOUTHERN YELLOW PINE NO. 1.
2. ALL TIMBER SHALL BE NEW AND SUPPLIED WITH NOMINAL DIMENSIONS UNLESS NOTED OTHERWISE.
3. BOLTS AND NUTS SHALL CONFORM TO ASTM A307 AND BE HOT DIPPED GALVANIZED UNLESS NOTED OTHERWISE.

COMPOSITE DECKING

1. COMPOSITE DECKING SHALL NOT CONTAIN WOOD FIBER.
2. ALL TIMBER SHALL BE NOMINAL DIMENSIONS UNLESS NOTED OTHERWISE.
3. MAX SPAN SHALL BE 16" OC.
4. MAX OVERHANG SHALL BE 1".
5. ALL FASTENERS SHALL BE 316 STAINLESS SHEET, UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL

1. STEEL FABRICATION AND ASSEMBLY SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION.
2. ALL STRUCTURAL STEEL SHAPES, SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE NOTED.
3. STEEL BOLTS FOR STEEL MEMBER CONNECTIONS SHALL CONFORM TO ASTM A-325, TYPE 1
4. WELDING RODS SHALL CONFORM TO AWS E70XX GRADE.
5. STAINLESS STEEL PLATES, BARS AND SHAPES SHALL CONFORM TO ASTM SERIES 300 TYPE 316 ALLOY.
6. ALL WALE MEMBERS, SPLICE PLATES, BRACKETS AND FASTENERS SHALL BE HOT DIP GALVANIZED UNLESS NOTED OTHERWISE.
7. ALL STEEL BRACKETS FOR WELDING TO EXISTING BULKHEADS SHALL BE HOT DIP GALVANIZED UNLESS NOTED OTHERWISE

CONCRETE:

1. GROUT SHALL BE A HIGH STRENGTH, NON-SHRINK GROUT WITH SALTWATER RESISTANCE, SUCH AS FIVE STAR SPECIAL GROUT 120 OR EQUIVALENT.

LEGEND:

LEGEND & SYMBOLS		TREE ABBREVIATIONS	
	CATCH BASIN	P	PINE
	LIGHT	T	TREE
	PILE		
	STONE POST	Ⓜ	ELECTRIC MANHOLE
	TRASH RECEPTACLE	Ⓢ	DRAIN MANHOLE
BLDG.	BUILDING	Ⓢ	SEWER MANHOLE
ELEV.	ELEVATION	Ⓢ	COMBINED SEWER MANHOLE
F.P.	FLAG POLE	"	2'x1' ELECTRICAL HAND HOLD
SPK.	SPIKE	▣	CATCH BASIN
TYP.	TYPICAL	⚡	FIRE HYDRANT
E	ELECTRIC	⚡	GAS VALVE
G	GAS	⚡	WATER VALVE
U	UTILITY	⚡	BORING HOLE

●	TREE	HMA	HOT MIX ASPHALT
-○-	UTILITY POLE	△	BENCH MARK, CONTROL POINT

————	SAN	————	SEWER
————	WTR	————	WATER
————	STM	————	STORM DRAIN
————	NGAS	————	GAS
————		————	PROPERTY LINE
————	5	————	MAJOR CONTOUR
————	1	————	MINOR CONTOUR
————		————	HAY BALES
————	LOW	————	LIMIT OF WORK
—— BC		—— BC	BARRIER CURTAIN

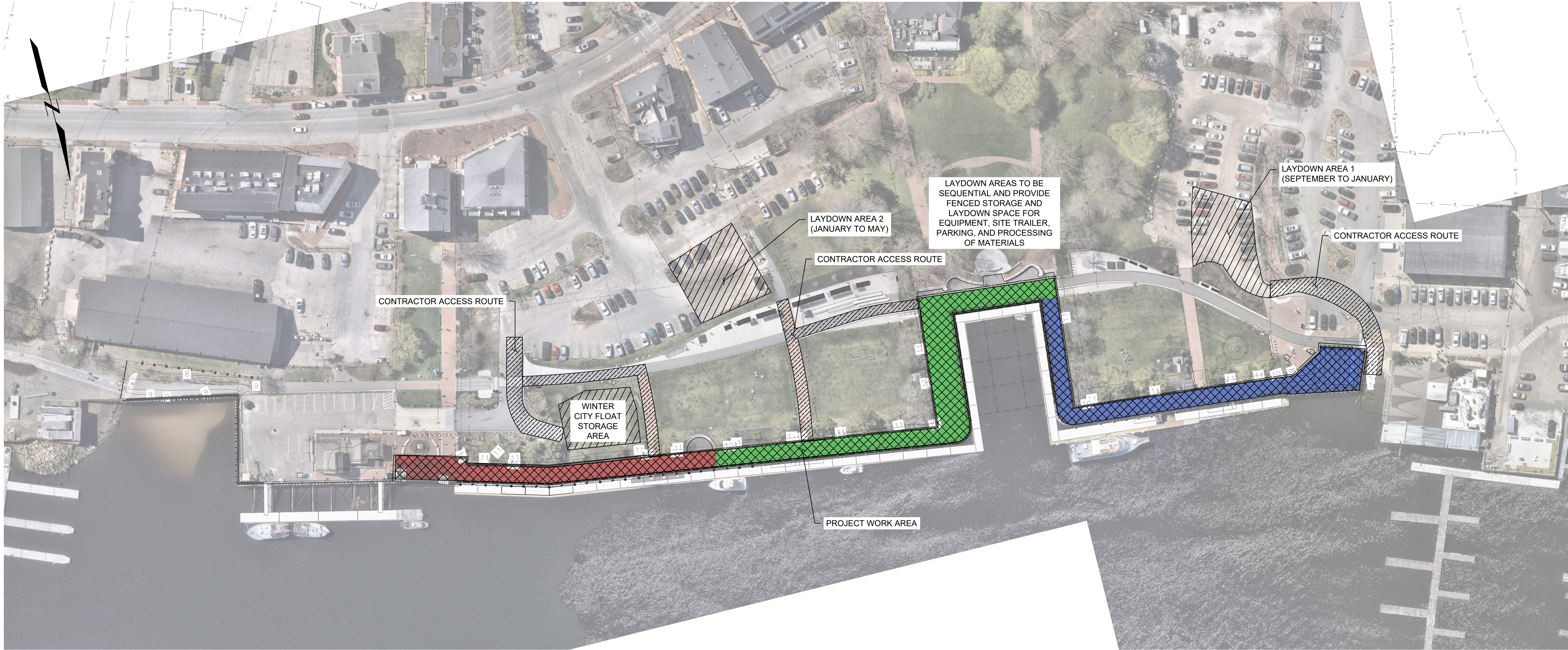
PROJECT DATUM:

HTL +6.09
MHW +4.12
NAVD88 0.0
NGVD -0.78
MLW -3.97

FOR BID

Attention: 01" If this scale bar does not measure 1" then drawing is not original scale.		Designed: KTC		CITY OF NEWBURYPORT 60 PLEASANT ST NEWBURYPORT, MA 01950	CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION	NEWBURYPORT, MA					SHEET NAME GENERAL NOTES	SHEET NO. G-002
		Drawn: JSF										
		Checked: XXX										
		Approved: XXX										
		P.E. No: -										
		GEI Project 2504333										
							0					
							NO	DATE	ISSUE/REVISION	APP		

FITZGERALD, JAMISON, B|W|WorkingNEWBURYPORT MA, CITY OF260433 Central Waterfront Boardwalk Reconstruction Feasibility Study/03_CADD/Design/Sheets/G-003_Site Preparation & Staging.dwg - 8/20/2026



PHASING PLAN LEGEND

- A.

- PHASE 1: OCTOBER TO DECEMBER
- B.

- PHASE 2: JANUARY TO APRIL
- C.

- PHASE 3: FEBRUARY TO MAY



DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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GEI Project	2504333



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60 PLEASANT ST
NEWBURYPORT, MA
01950

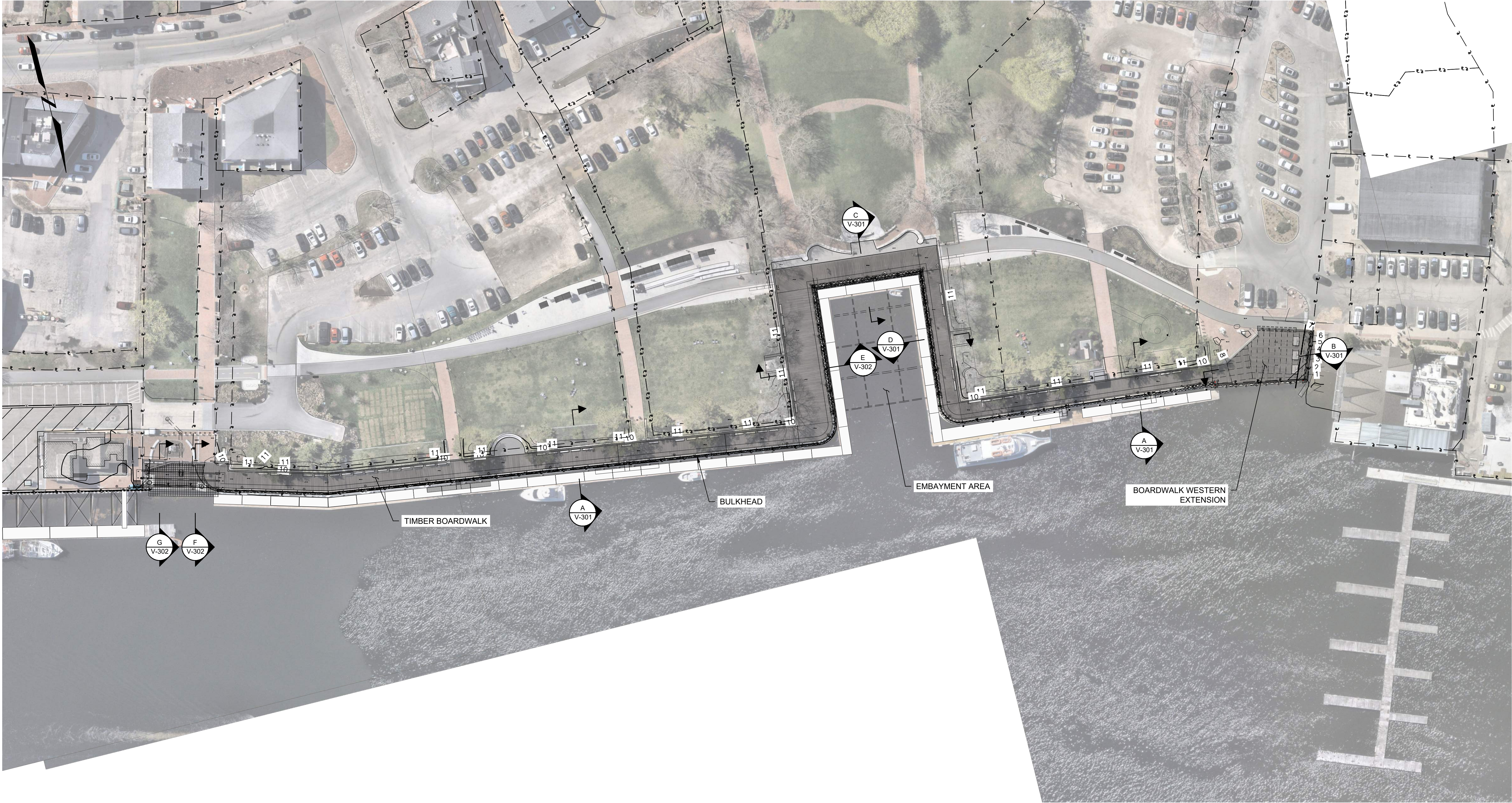
CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

	FOR BID
SHEET NAME	SHEET NO.
CONSTRUCTION PHASING AND SEQUENCING PLAN	G-003

FITZGERALD, JAMISON_B\Working\NEWBURYPORT MA_CITY OF\260433 Central Waterfront Boardwalk Reconstruction Feasibility Study\03_CAD\Design\Sheets\101_Existing Conditions Plan.dwg 6/30/2026



DATUM
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MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



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01950

**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

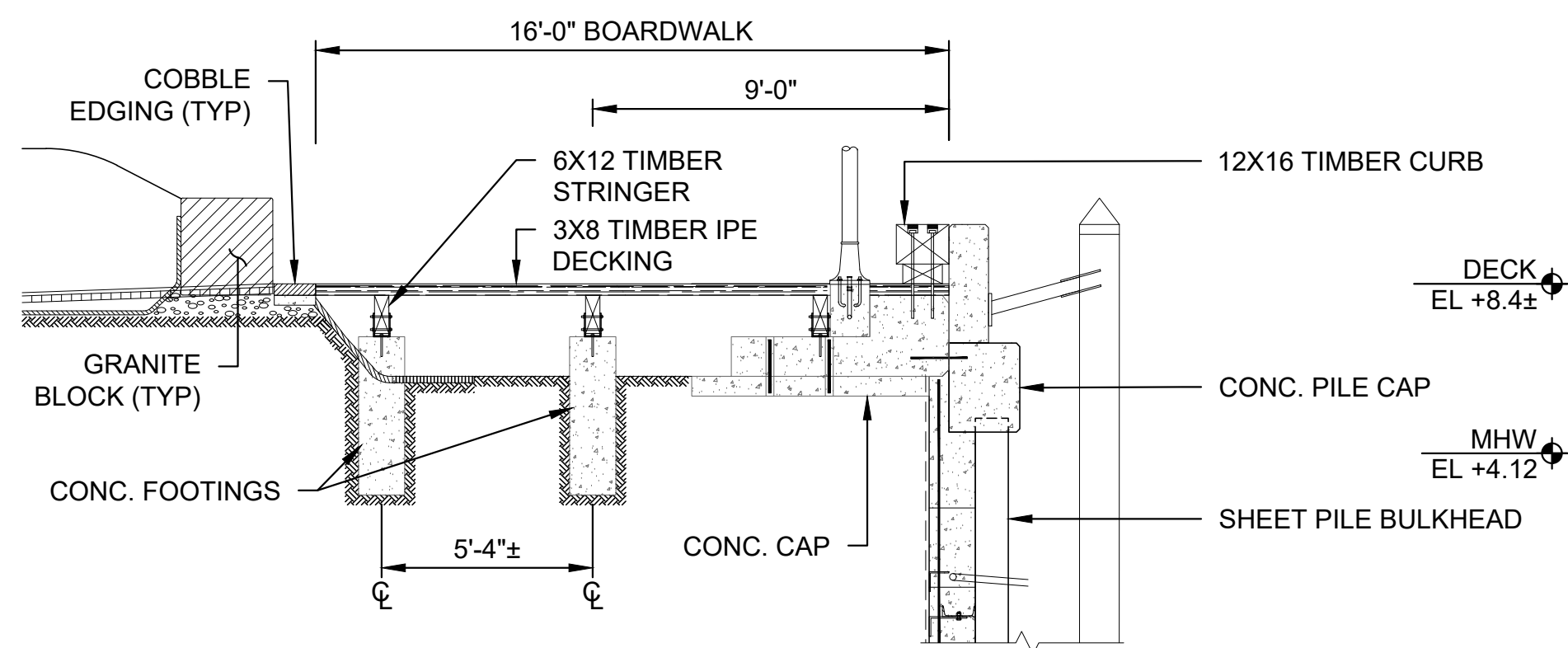
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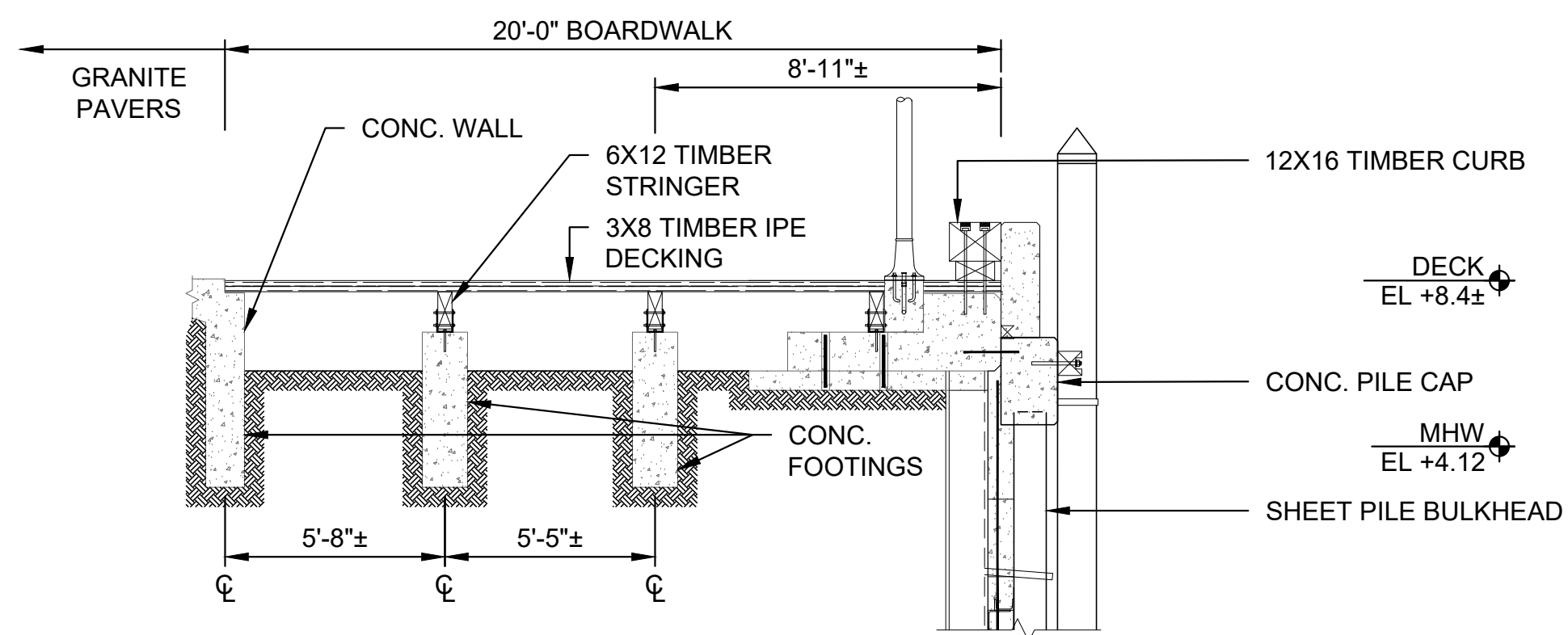
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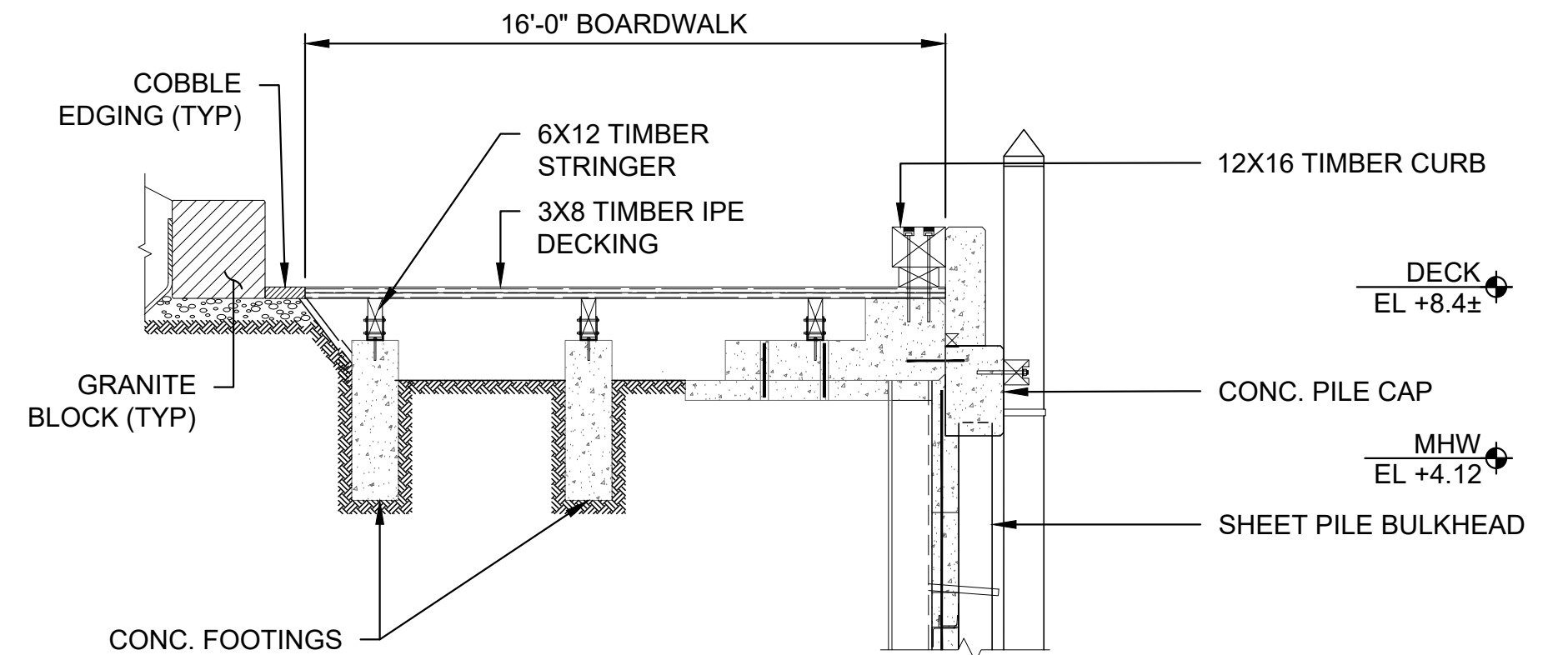
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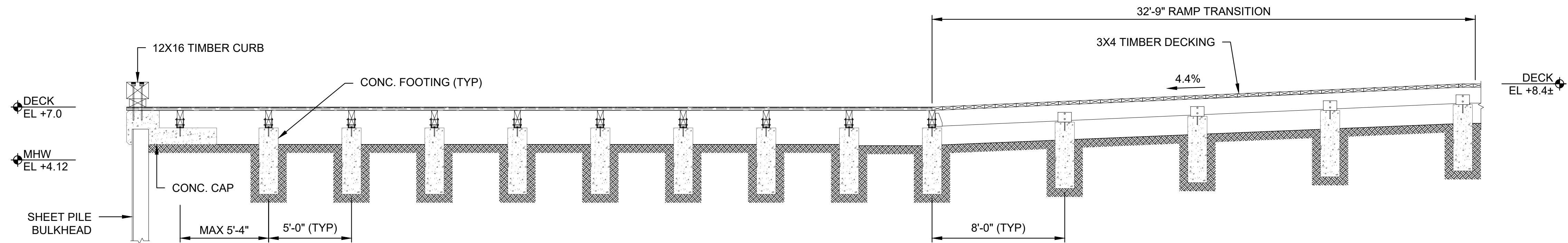
A SECTION
V-101 BOARDWALK (TYP) SCALE: 1/4"=1'-0"



C SECTION
V-101 EMBAYMENT (SOUTH WALL) SCALE: 1/4"=1'-0"



D SECTION
V-101 EMBAYMENT (WEST WALL) SCALE: 1/4"=1'-0"



B SECTION
V-101 WESTERN BOARDWALK
EXPANSION SCALE: 1/4"=1'-0"

0 4 8
SCALE: 1/4"=1'-0"

DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



CITY OF
NEWBURYPORT
60 PLEASANT ST
NEWBURYPORT, MA
01950

**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

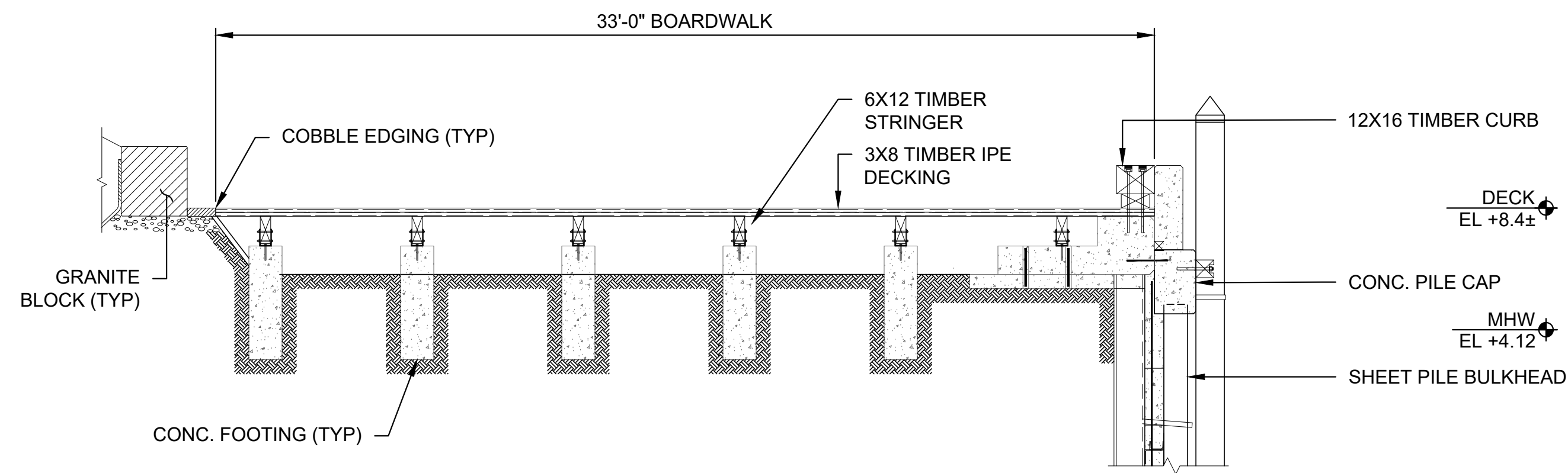
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SHEET 1 OF 2

FOR BID

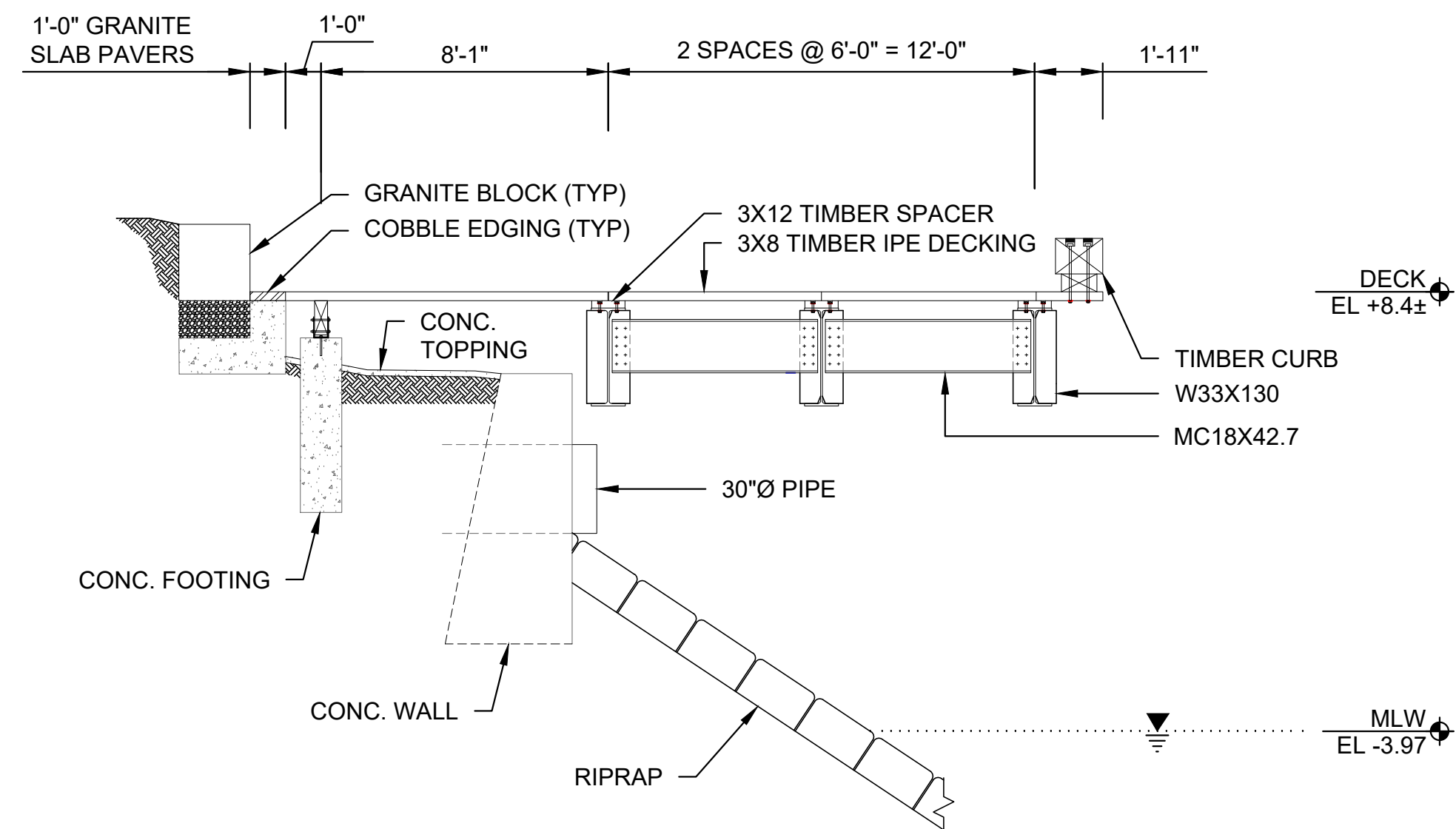
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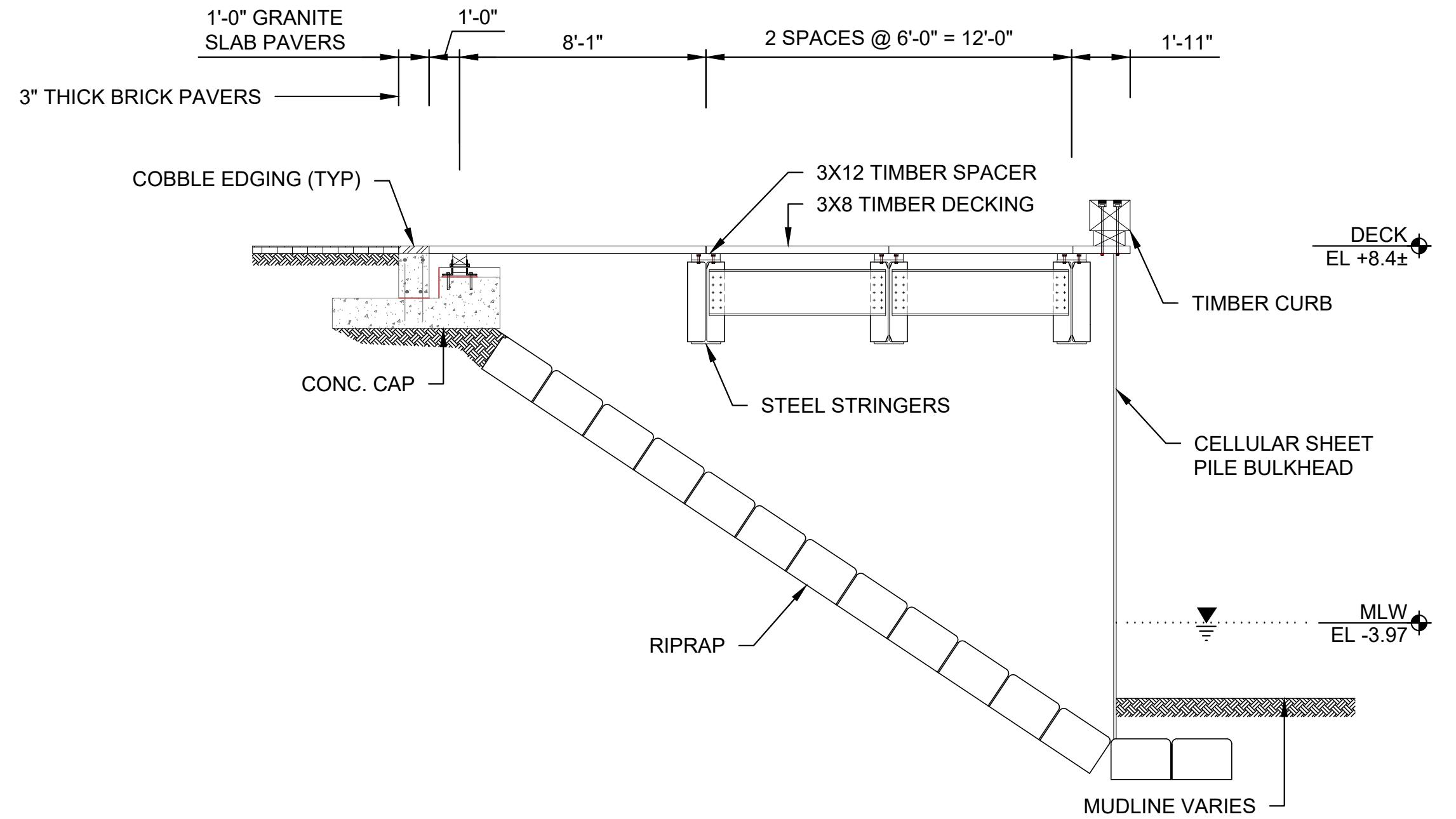
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E SECTION
V-101 EMBAYMENT (EAST WALL) SCALE: 1/4"=1'-0"



G SECTION
V-101 BOARDWALK (TYP) SCALE: 1/4"=1'-0"



F SECTION
V-101 BOARDWALK (TYP) SCALE: 1/4"=1'-0"

0 4 8
SCALE: 1/4"=1'-0"

DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



CITY OF
NEWBURYPORT
60 PLEASANT ST
NEWBURYPORT, MA
01950

CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

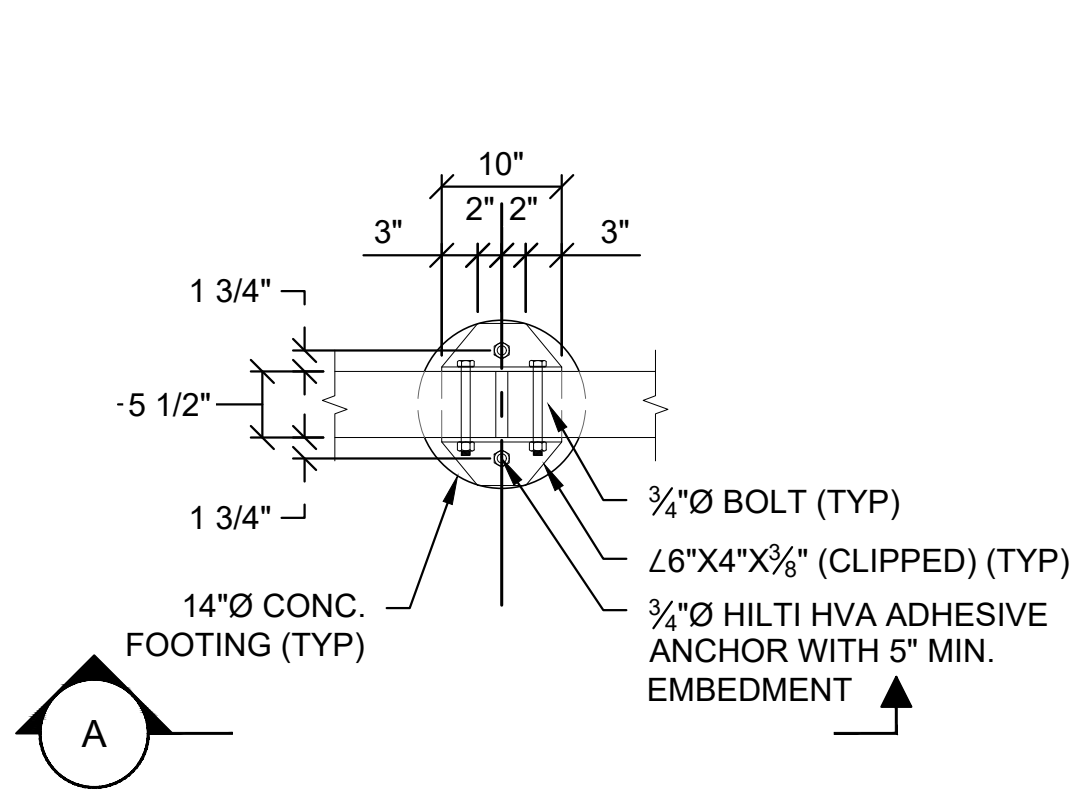
EXISTING SECTIONS -
SHEET 2 OF 2

FOR BID

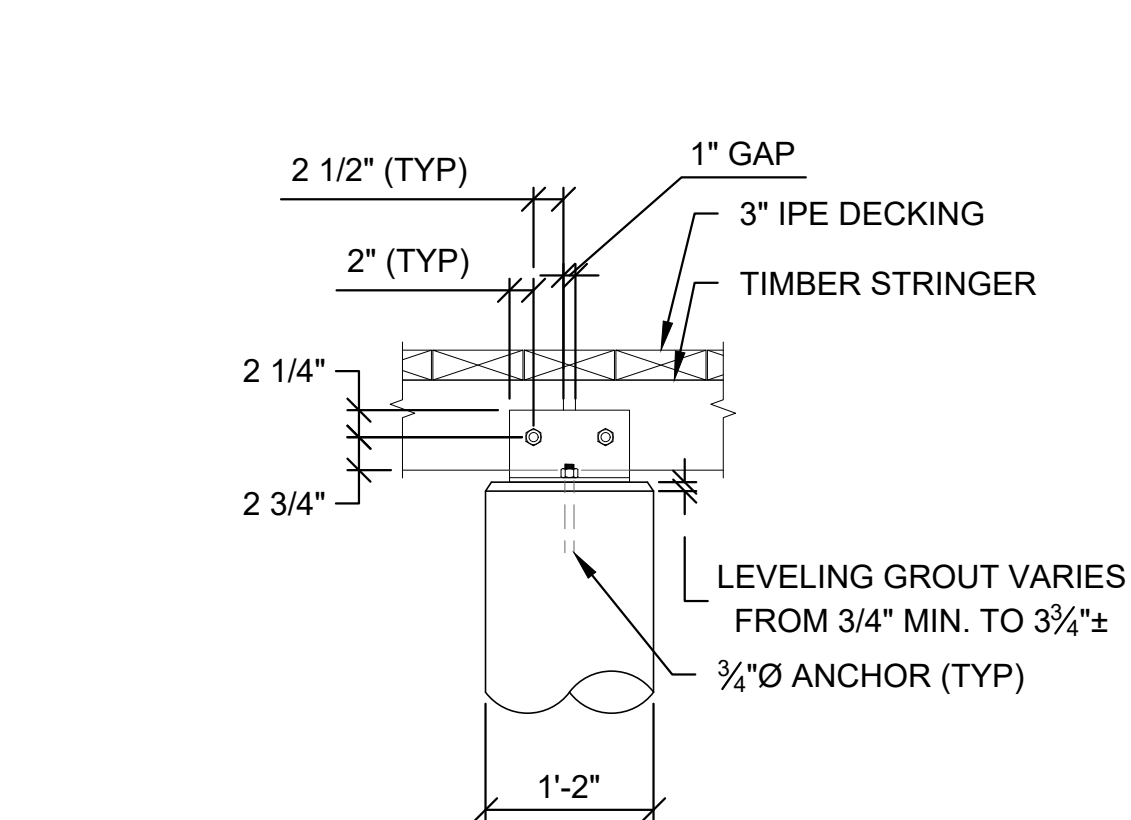
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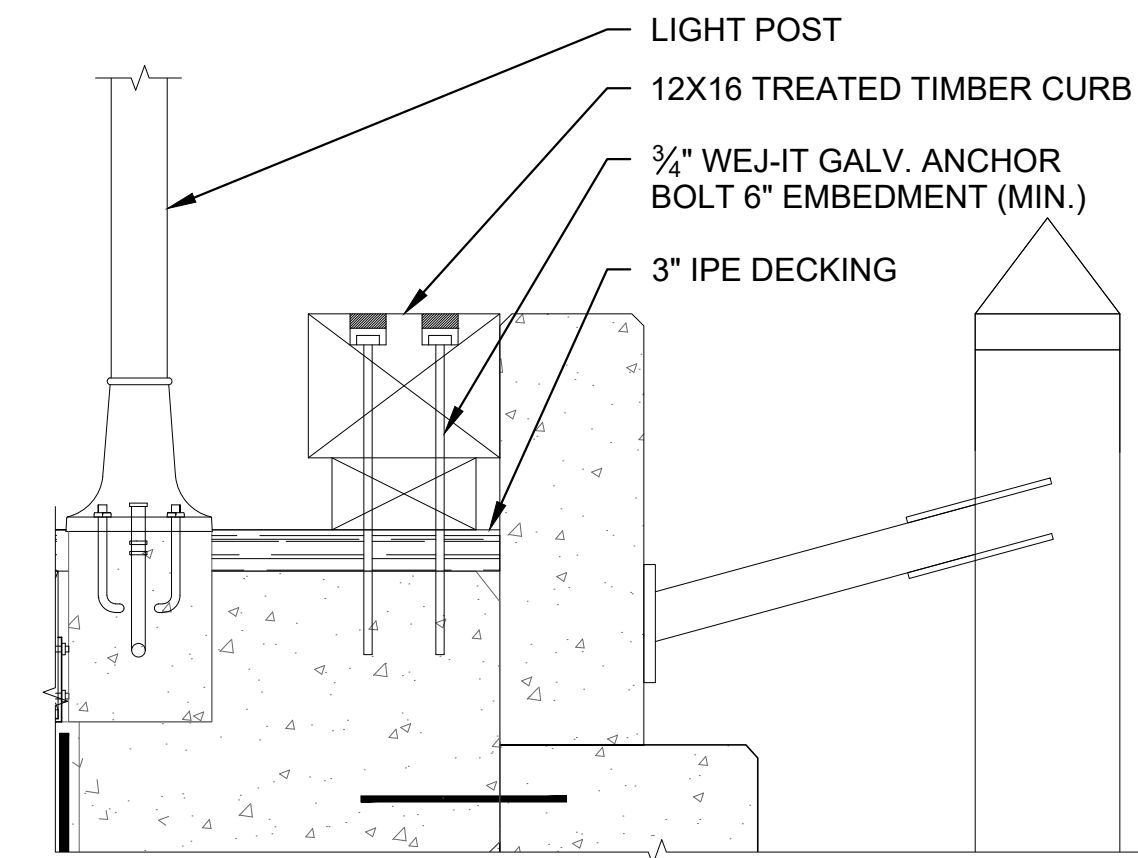
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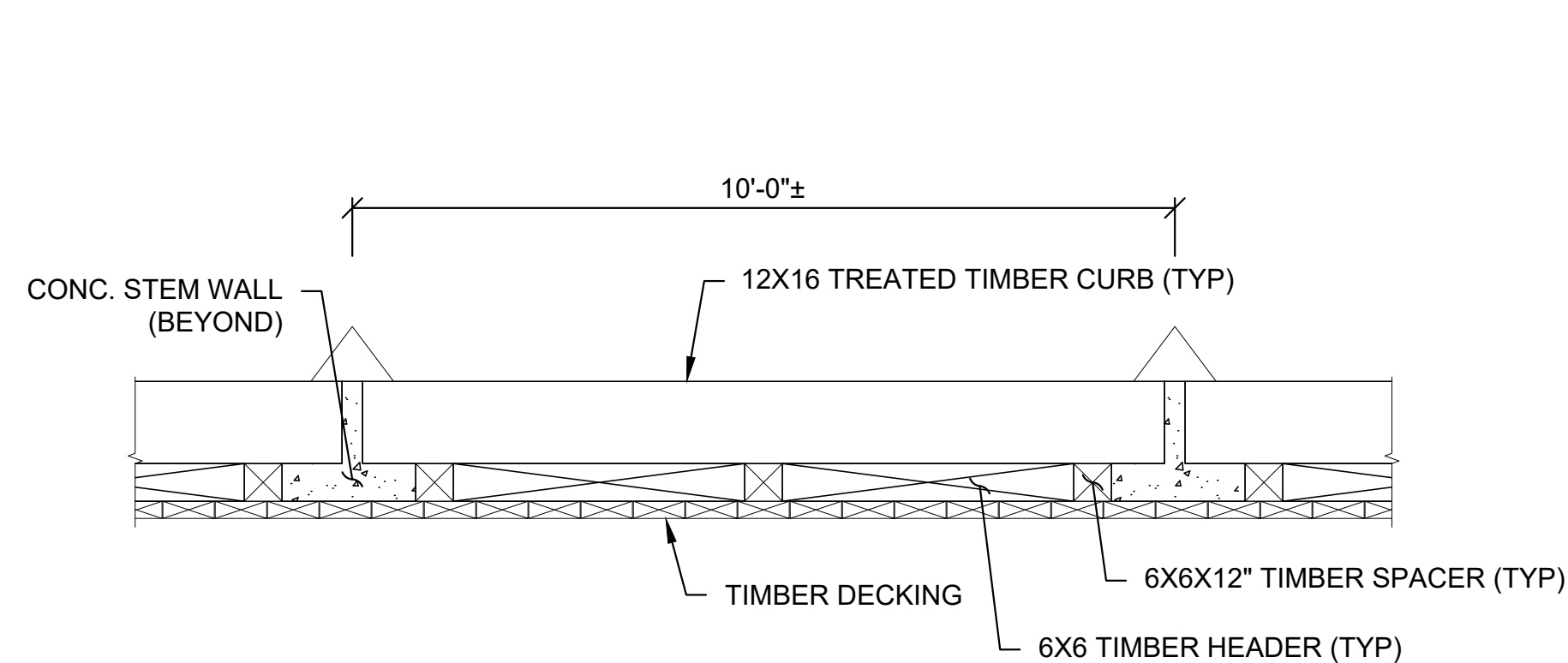
1 PLAN
TYPICAL STRINGER CONNECTION SCALE: 3/4" = 1'-0"



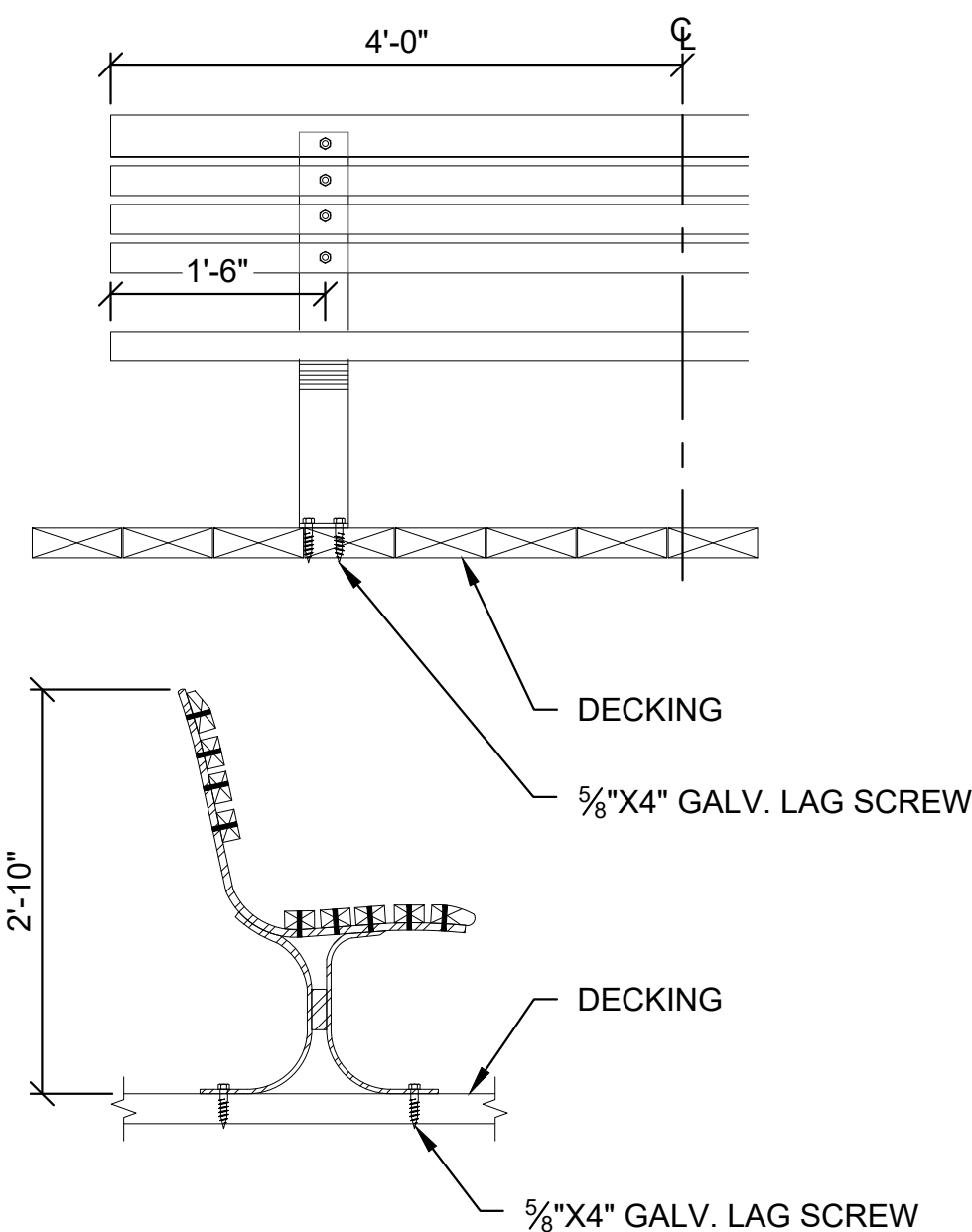
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TYPICAL STRINGER CONNECTION SCALE: 3/4" = 1'-0"



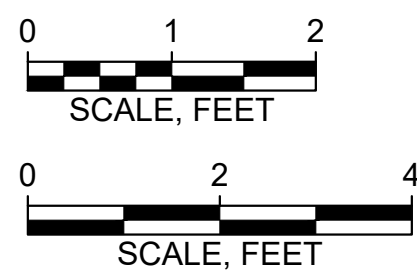
B SECTION
TIMBER CURB SCALE: 3/4" = 1'-0"



C ELEVATION
TIMBER CURB SCALE: 1/2" = 1'-0"



2 DETAIL
BENCH SCALE: NTS



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

DRAFT

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



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60 PLEASANT ST
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CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

NEWBURYPORT, MA

0			
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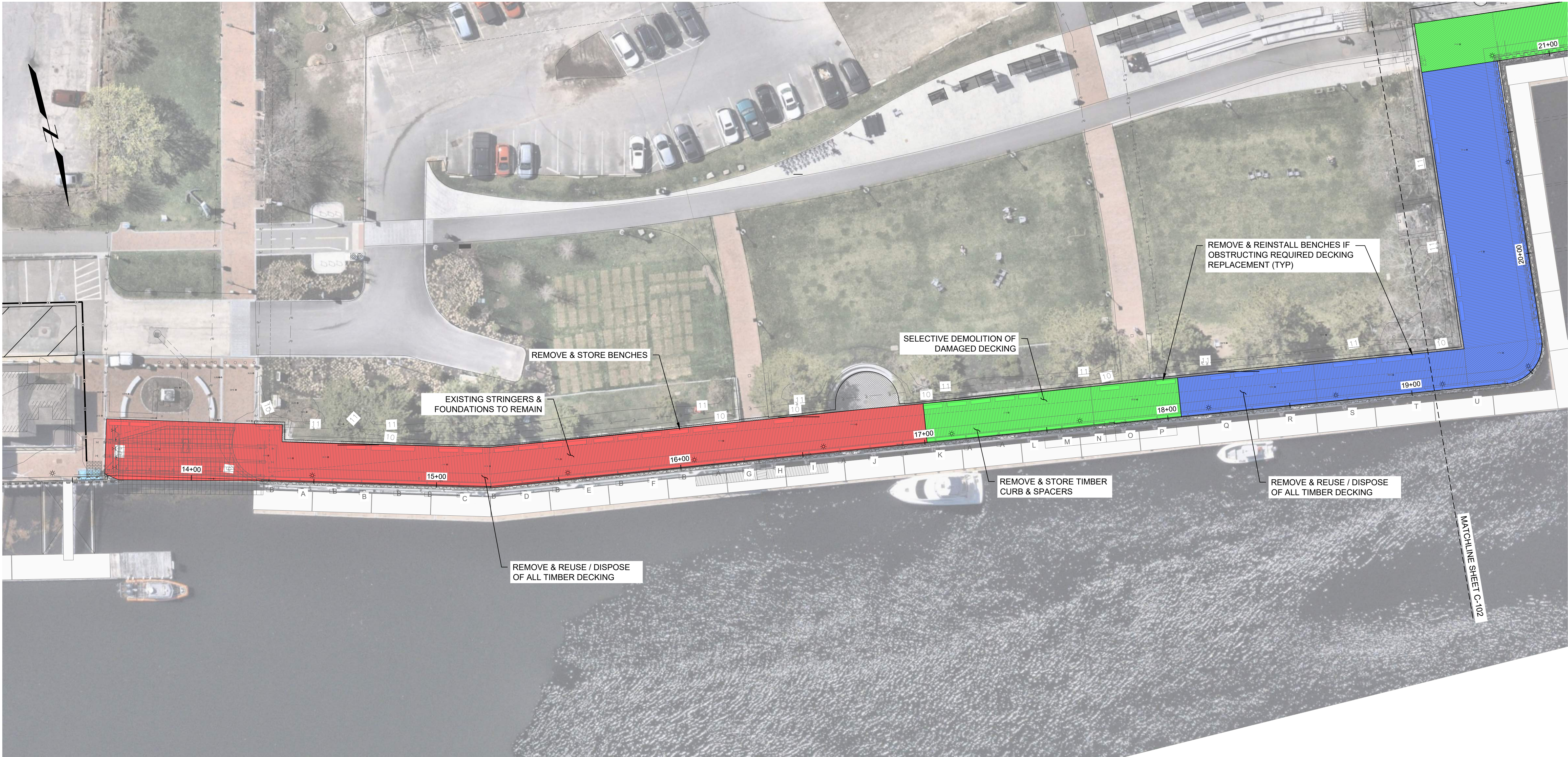
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EXISTING CONDITIONS
DETAILS

FOR BID

SHEET NO.

V-501

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LEGEND

- REPLACE DECKING WITH COMPOSITE DECKING. ADD STRINGERS

- INSTALL REHARVESTED DECKING

- DECKING TO REMAIN, ISOLATED BOARD REPLACEMENTS

02040

SCALE: 1" = 20'-0"

DATUM

HTL +6.09

MHW +4.12

NAVD88 0.00

NGVD29 -0.78

MLW -3.97

Attention:

01"

If this scale bar does not measure 1" then drawing is not original scale.

Designed:	KTC
Drawn:	JSF
Checked:	XXX
Approved:	XXX
P.E. No:	-
GEI Project	2504333



CITY OF
NEWBURYPORT
60 PLEASANT ST
NEWBURYPORT, MA
01950

**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

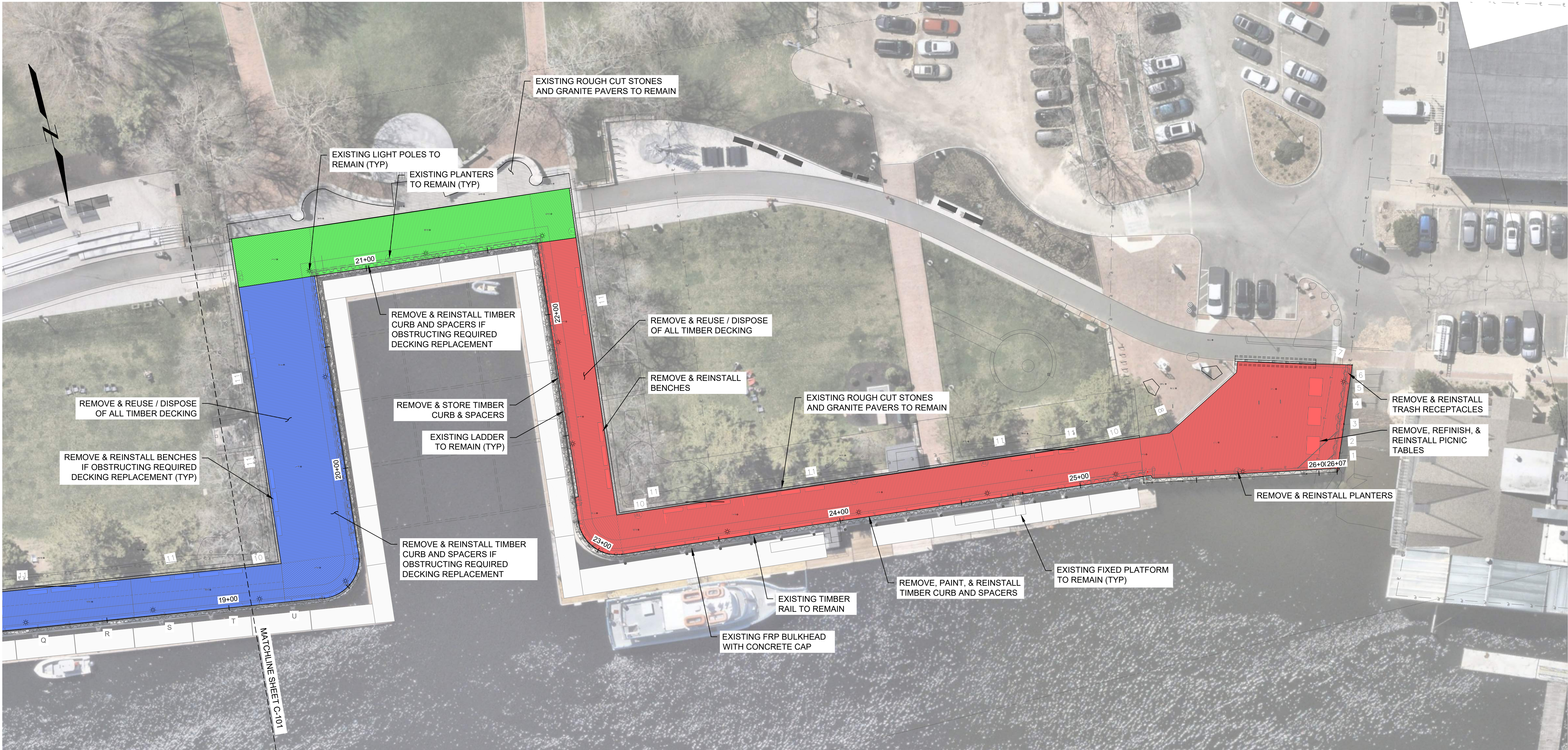
**DEMOLITION PLAN
- SHEET 1 OF 2**

SHEET NO.

C-101

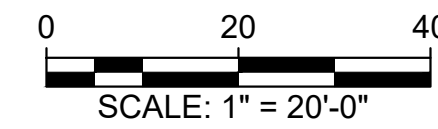
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LEGEND

- REPLACE DECKING WITH COMPOSITE DECKING. ADD STRINGERS
- INSTALL REHARVESTED DECKING
- DECKING TO REMAIN, ISOLATED BOARD REPLACEMENTS



DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

Attention:
0 1"
If this scale bar
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1" then drawing is
not original scale.

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



CITY OF
NEWBURYPORT
60 PLEASANT ST
NEWBURYPORT, MA
01950

**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

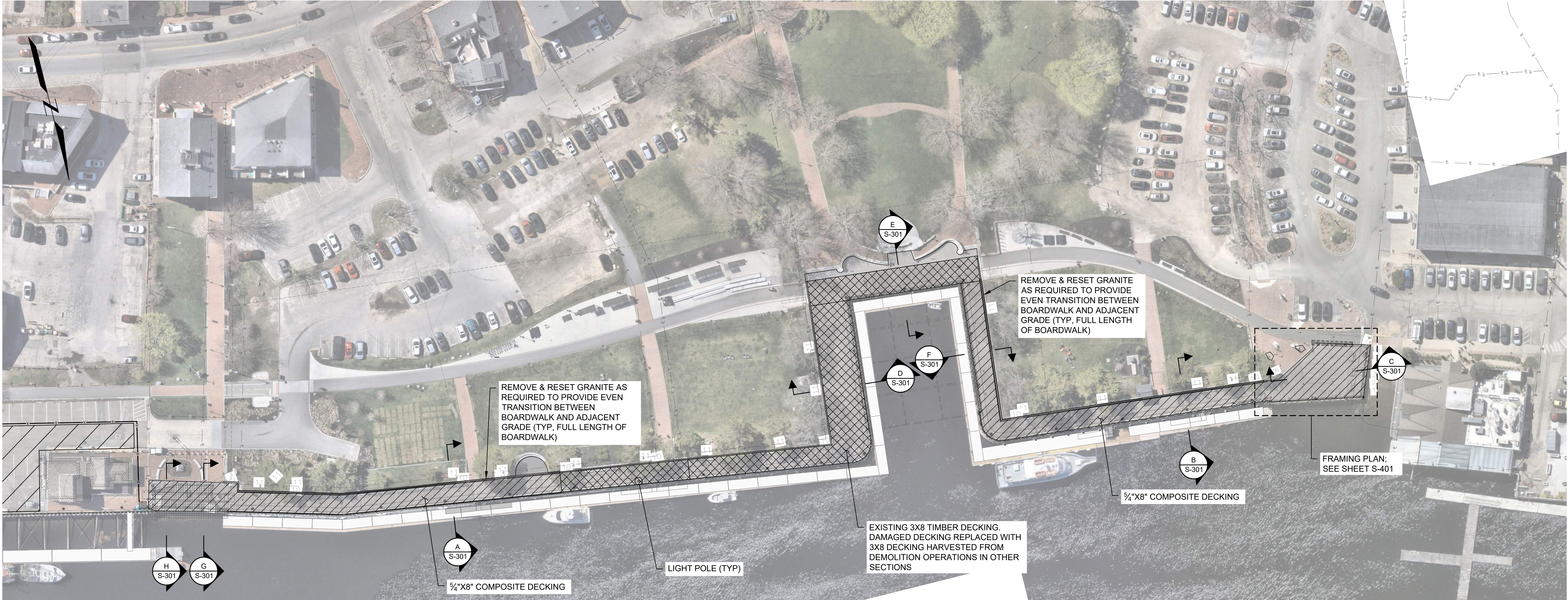
DEMOLITION PLAN
- SHEET 2 OF 2

FOR BID

SHEET NO.

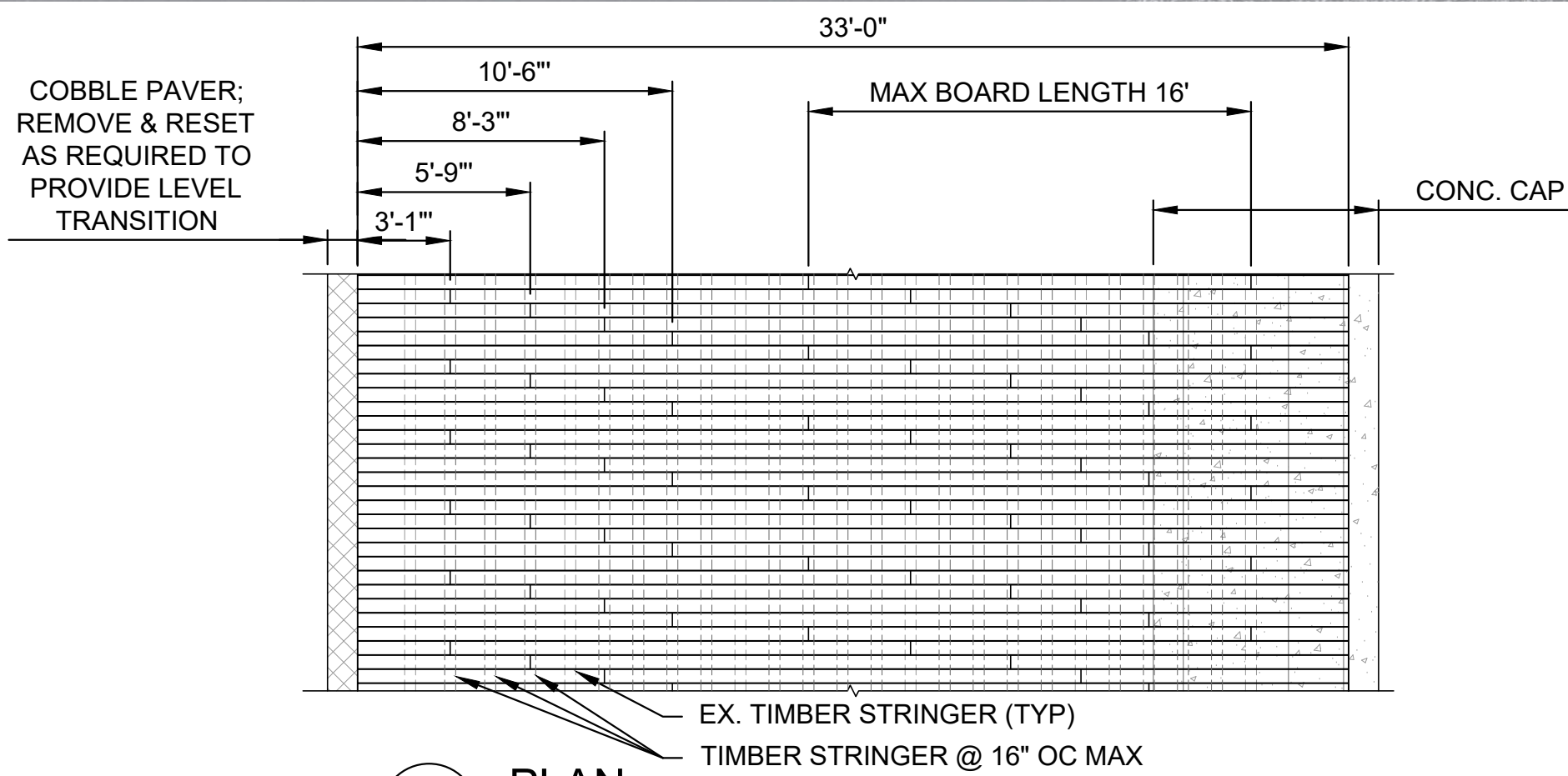
C-102

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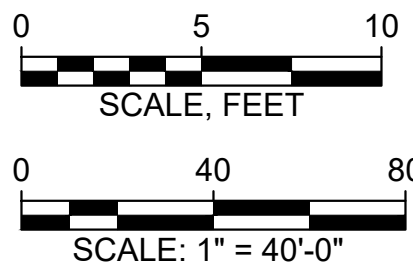


1 PLAN
PROPOSED SITE LAYOUT SCALE: 1" = 40'

NOTE:
DECKING GREATER THAN 16' IN WIDTH SHALL BE STAGGERED AT 32"
STAIR STEP PATTERN.



2 PLAN
STAGGERED BOARD PATTERN (EAST EMBAYMENT) SCALE: 3/16" = 1'-0"



DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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

Designed:	KTC
Drawn:	JSF
Checked:	XXX
Approved:	XXX
P.E. No:	-
GEI Project	2504333



CITY OF
NEWBURYPORT
60 PLEASANT ST
NEWBURYPORT, MA
01950

**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

0			
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

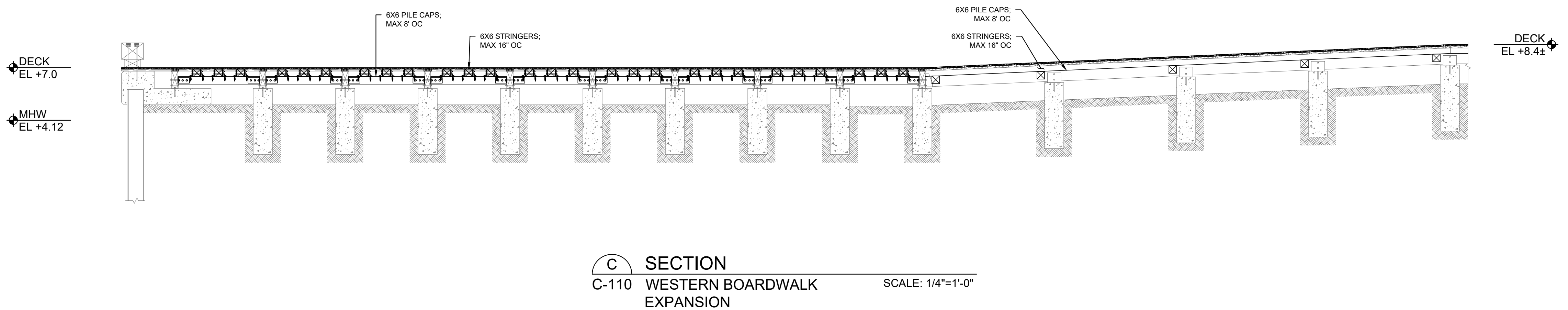
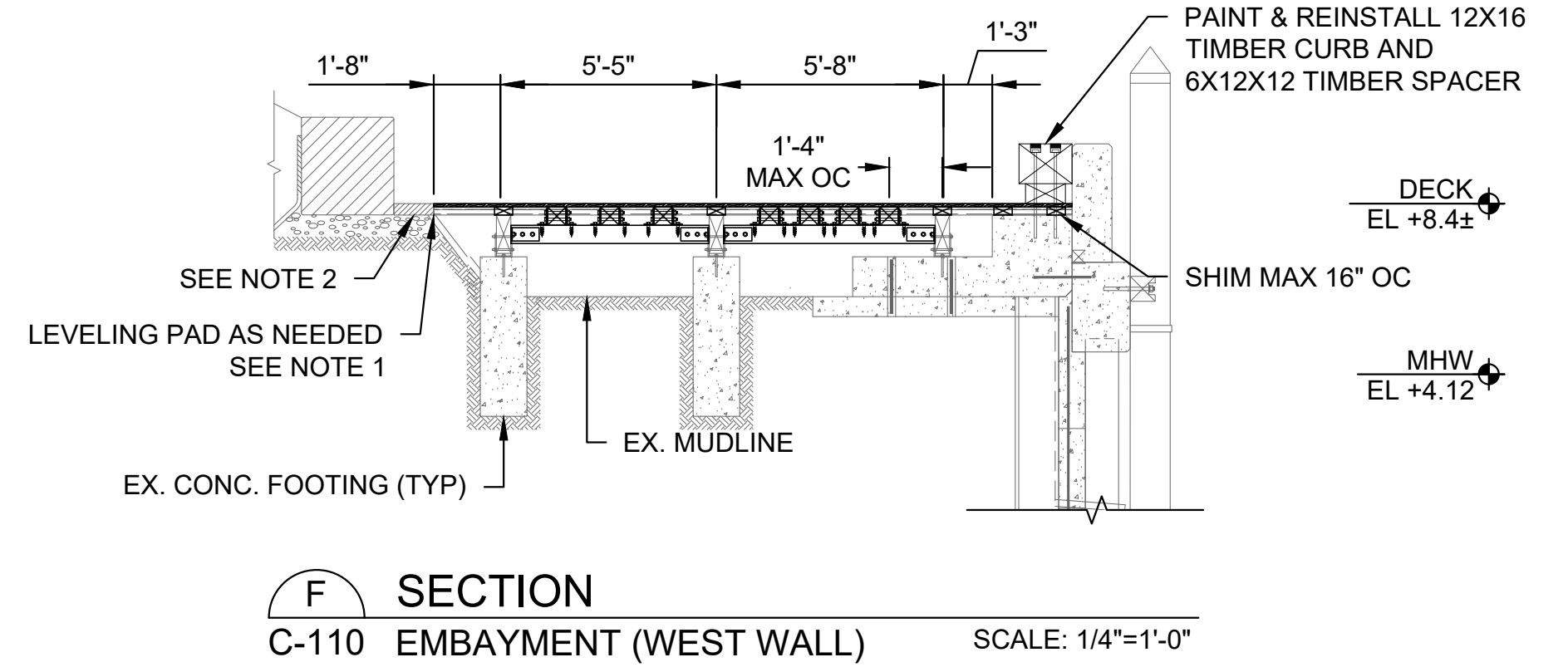
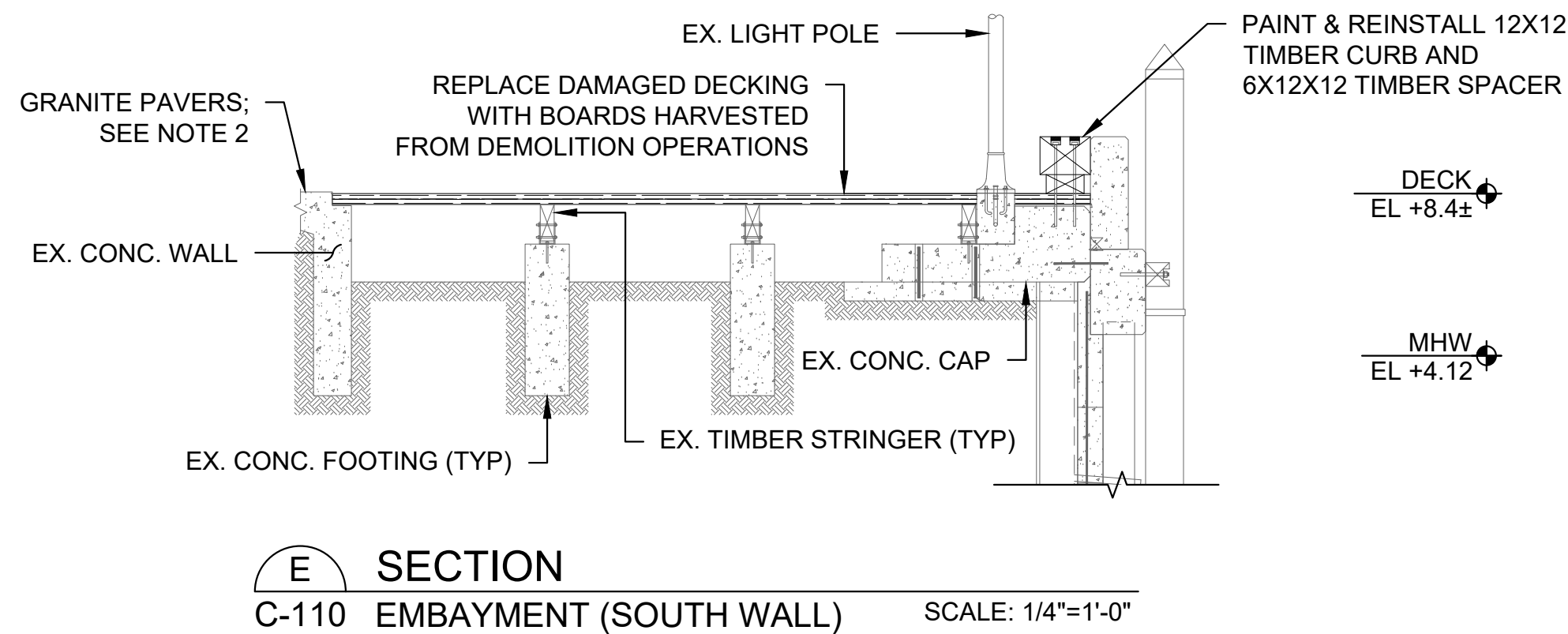
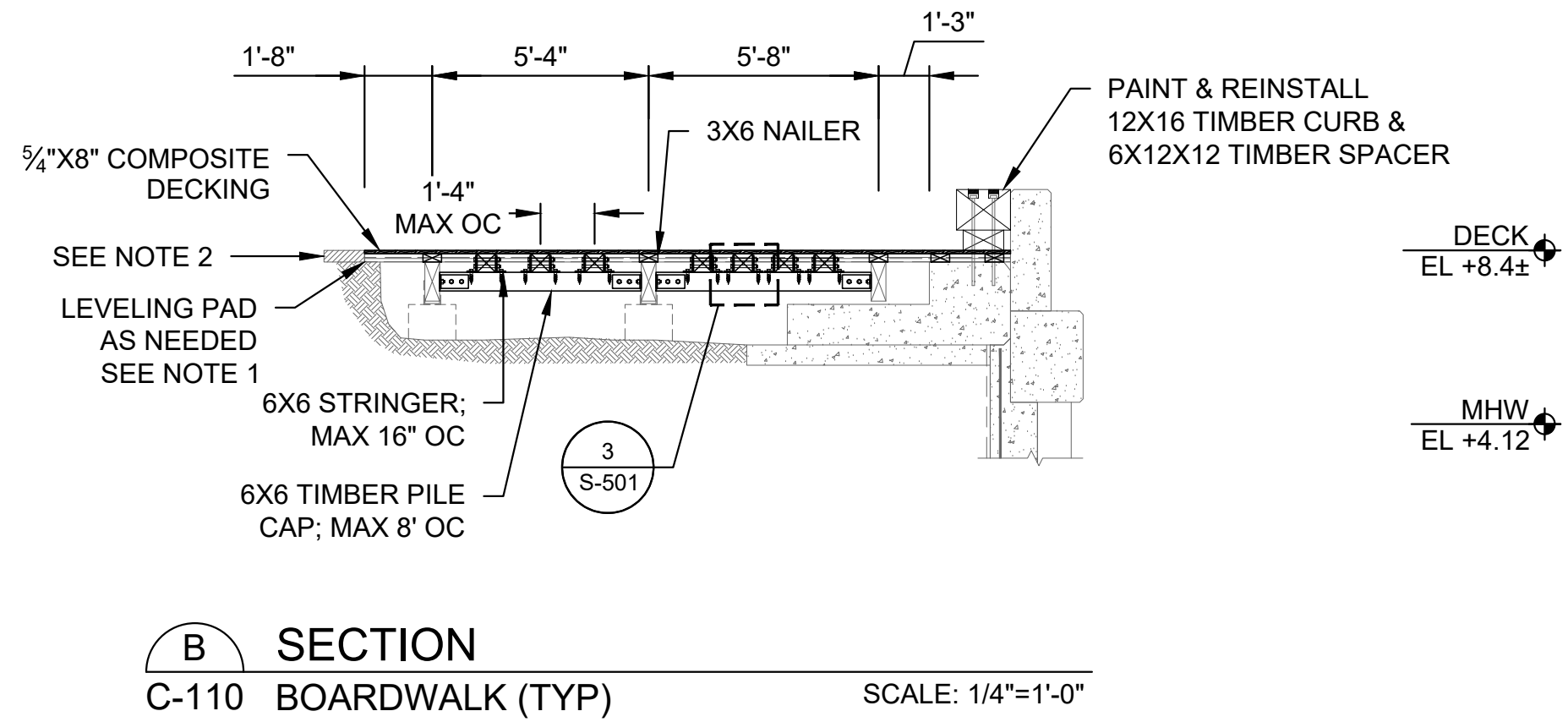
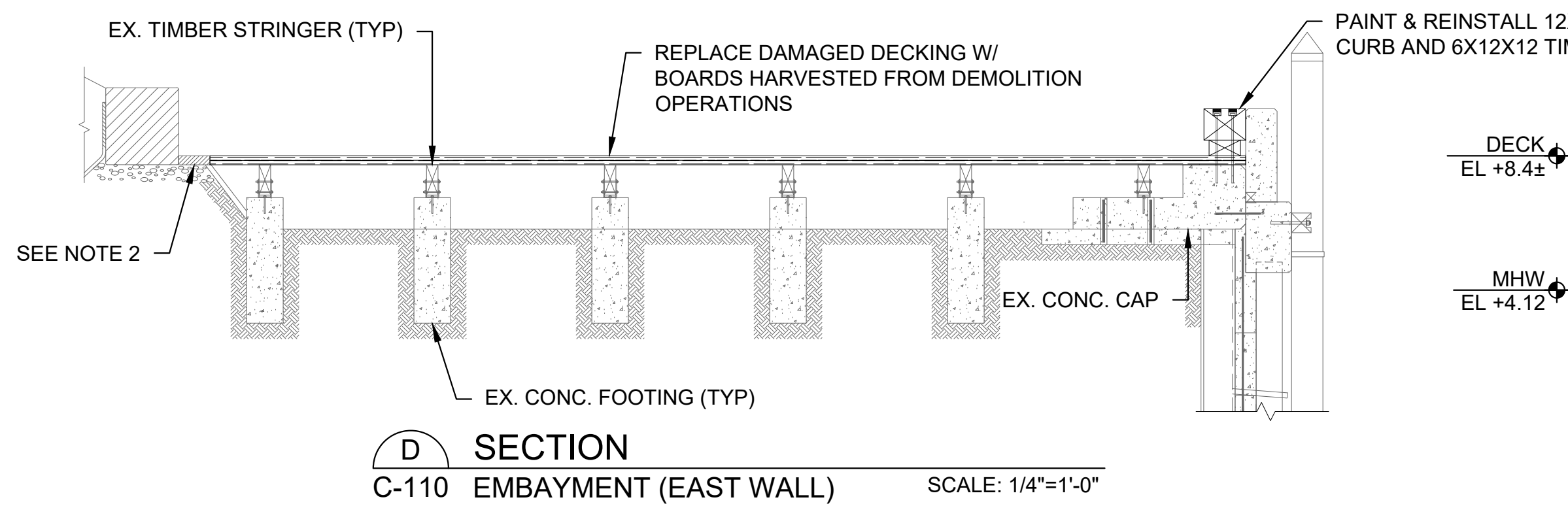
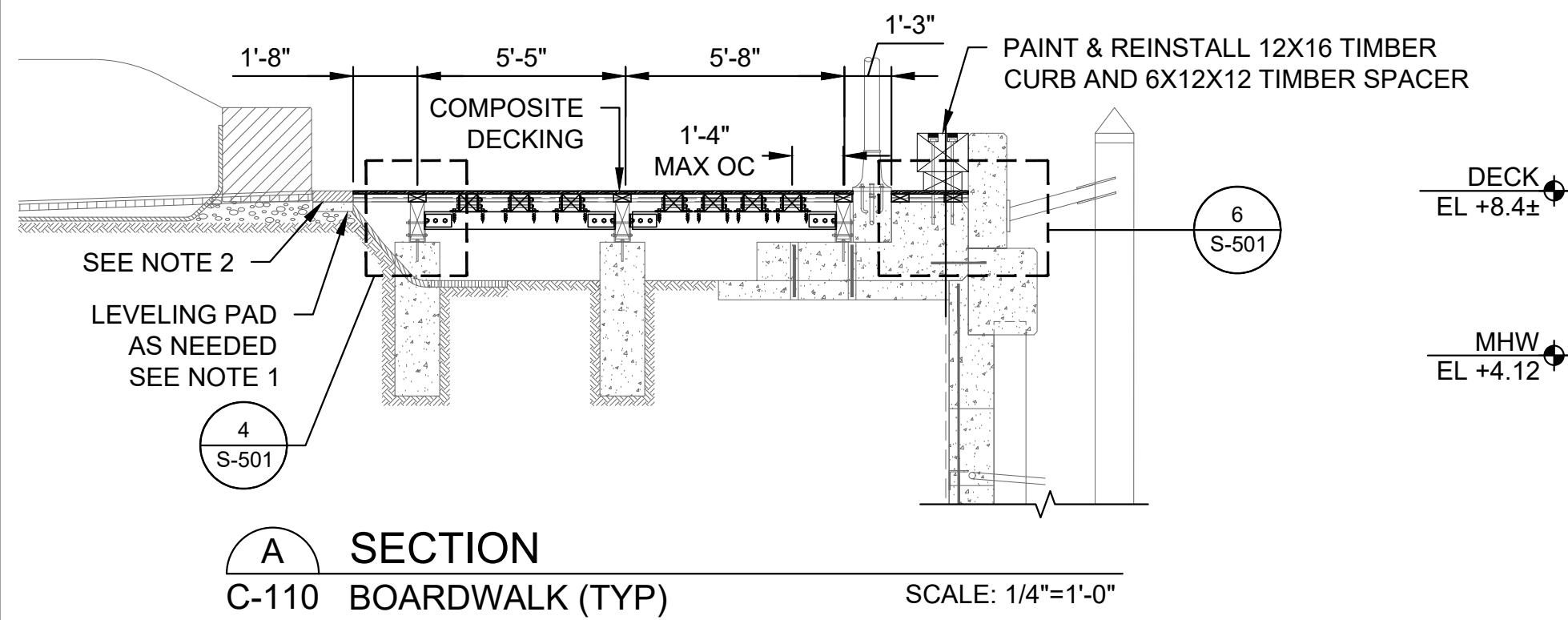
PROPOSED SITE PLAN

FOR BID

SHEET NO.

C-110

FITZGERALD, JAMISON, B/WorkingNEWBURYPORT MA, CITY OF2604333 Central Waterfront Boardwalk Reconstruction Feasibility Study/03_CAD/Design/Sheets/S-301_Proposed Sections.dwg - 6/30/2026



NOTE 1: PLACE NON SHRINK CEMENTITIOUS GROUT LEVELING PAD WITH MINIMUM 6 INCHES OF BEARING FOR DECK BOARDS. LEVELING PAD SHALL BE A MINIMUM OF 6 INCHES IN DEPTH.

NOTE 2: RESET GRANITE PAVERS ADJACENT TO THE BOARDWALK AS NEEDED IN AREAS WHERE NEW DECKING IS TO BE INSTALLED. PAVERS SHALL BE RESET TO ACHIEVE A LEVEL TRANSITION SURFACE BETWEEN THE PAVERS AND DECK BOARDS.



DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



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CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

NEWBURYPORT, MA

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NO	DATE	ISSUE/REVISION	APP

SHEET NAME

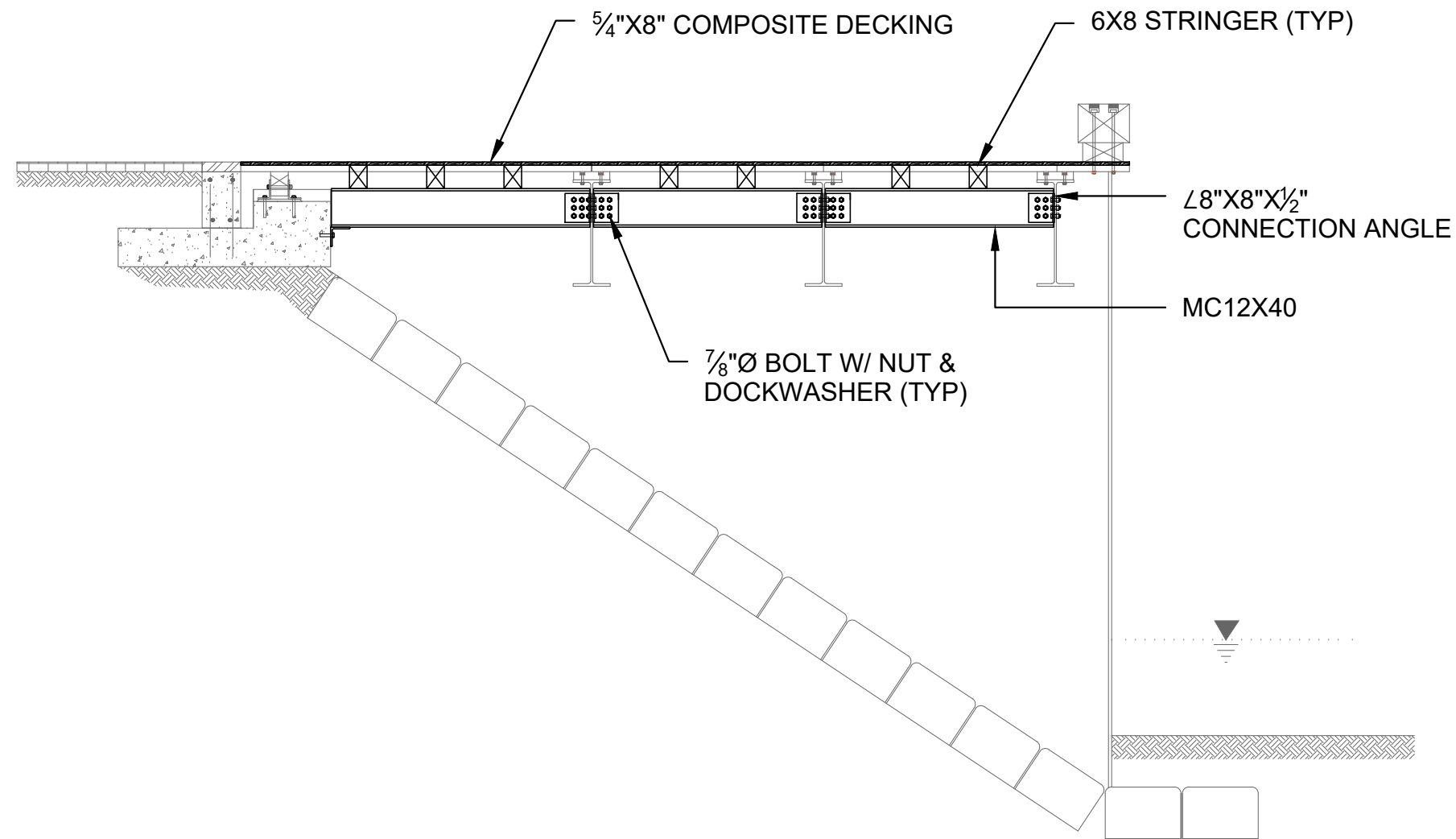
PROPOSED SECTIONS -
SHEET 1 OF 2

FOR BID

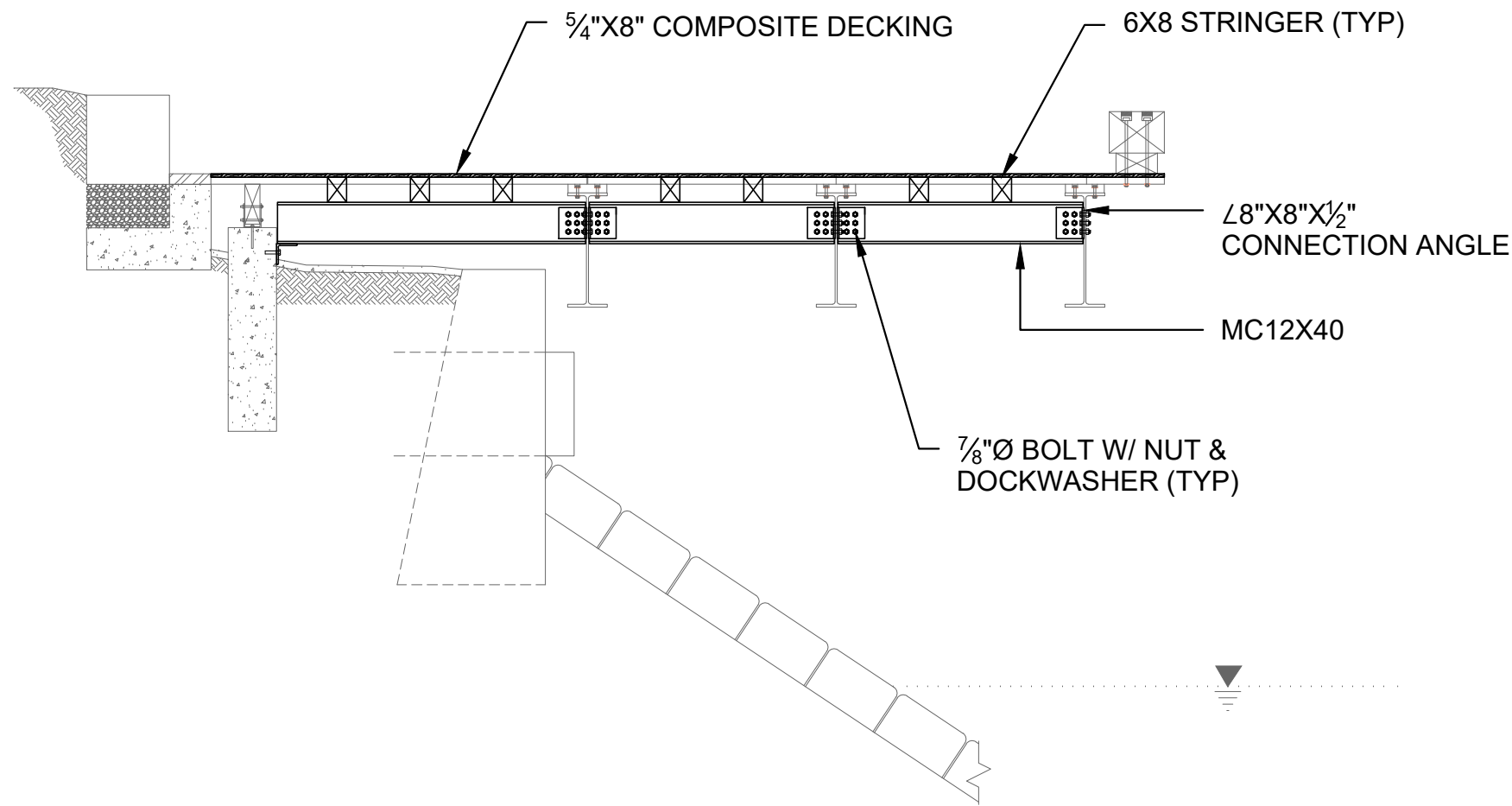
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S-301

FITZGERALD, JAMISON B:\Working\NEWBURYPORT MA, CITY OF\2504333 Central Waterfront Boardwalk Reconstruction Feasibility Study\03_CAD\Design\Sheets\S-302_Proposed Sections.dwg - 6/30/2026



G SECTION
C-110 STEEL BRIDGE BOARDWALK SCALE: 1/4"=1'-0"



H SECTION
C-110 STEEL BRIDGE BOARDWALK SCALE: 1/4"=1'-0"



DATUM	
HTL	+6.09
MHW	+4.12
NAVD88	0.00
NGVD29	-0.78
MLW	-3.97

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

Designed:	KTC
Drawn:	JSF
Checked:	XXX
Approved:	XXX
P.E. No:	-
GEI Project	2504333



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**CENTRAL WATERFRONT
BOARDWALK
RECONSTRUCTION**

NEWBURYPORT, MA

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NO	DATE	ISSUE/REVISION	APP

SHEET NAME

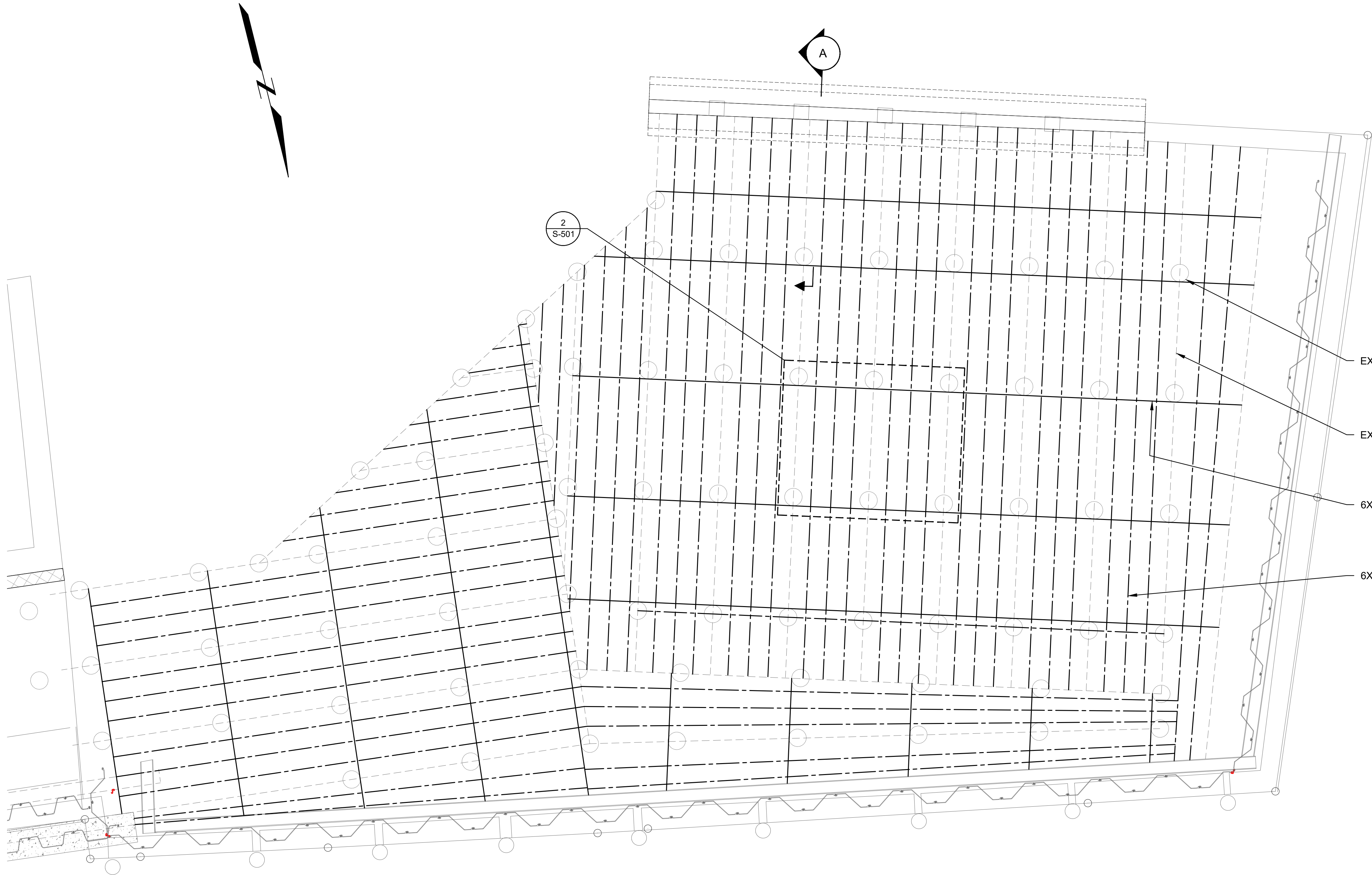
PROPOSED SECTIONS -
SHEET 2 OF 2

FOR BID

SHEET NO.

S-302

FITZGERALD, JAMISON_B:\Working\NEWBURYPORT MA_CITY OF\2504333 Central Waterfront Boardwalk Reconstruction Feasibility Study\03_CAD\Design\Sheets\S-401_Western Extension Framing Plan.dwg - 6/30/2026

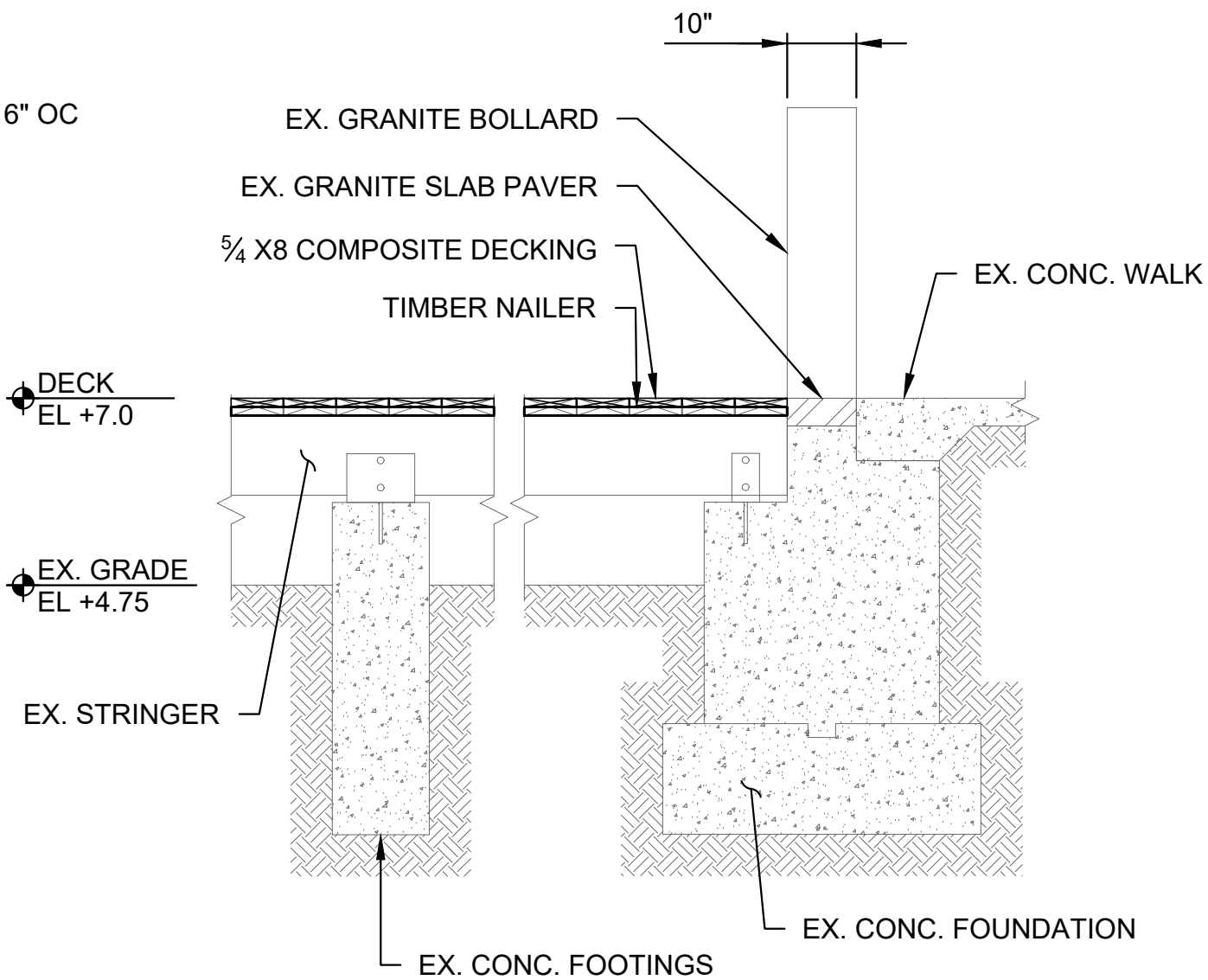


EX. 14"Ø CONCRETE FOUNDATIONS

EX. STRINGERS

6X6 PILE CAPS MAX 8'-0" OC

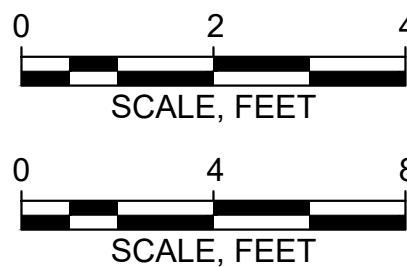
6X6 STRINGERS MAX 16" OC



1 PLAN
WESTERN EXTENSION FRAMING SCALE: 1"=4'-0"

NOTE: DECKING GREATER THAN 16" IN WIDTH SHALL BE STAGGERED AT 32" STAIR STEP PATTERN.

A SECTION
WESTERN EXTENSION FRAMING SCALE: 1/2"=1'-0"



DATUM
HTL +6.09
MHW +4.12
NAVD88 0.00
NGVD29 -0.78
MLW -3.97

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

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



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CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

NEWBURYPORT, MA

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NO	DATE	ISSUE/REVISION	APP

SHEET NAME

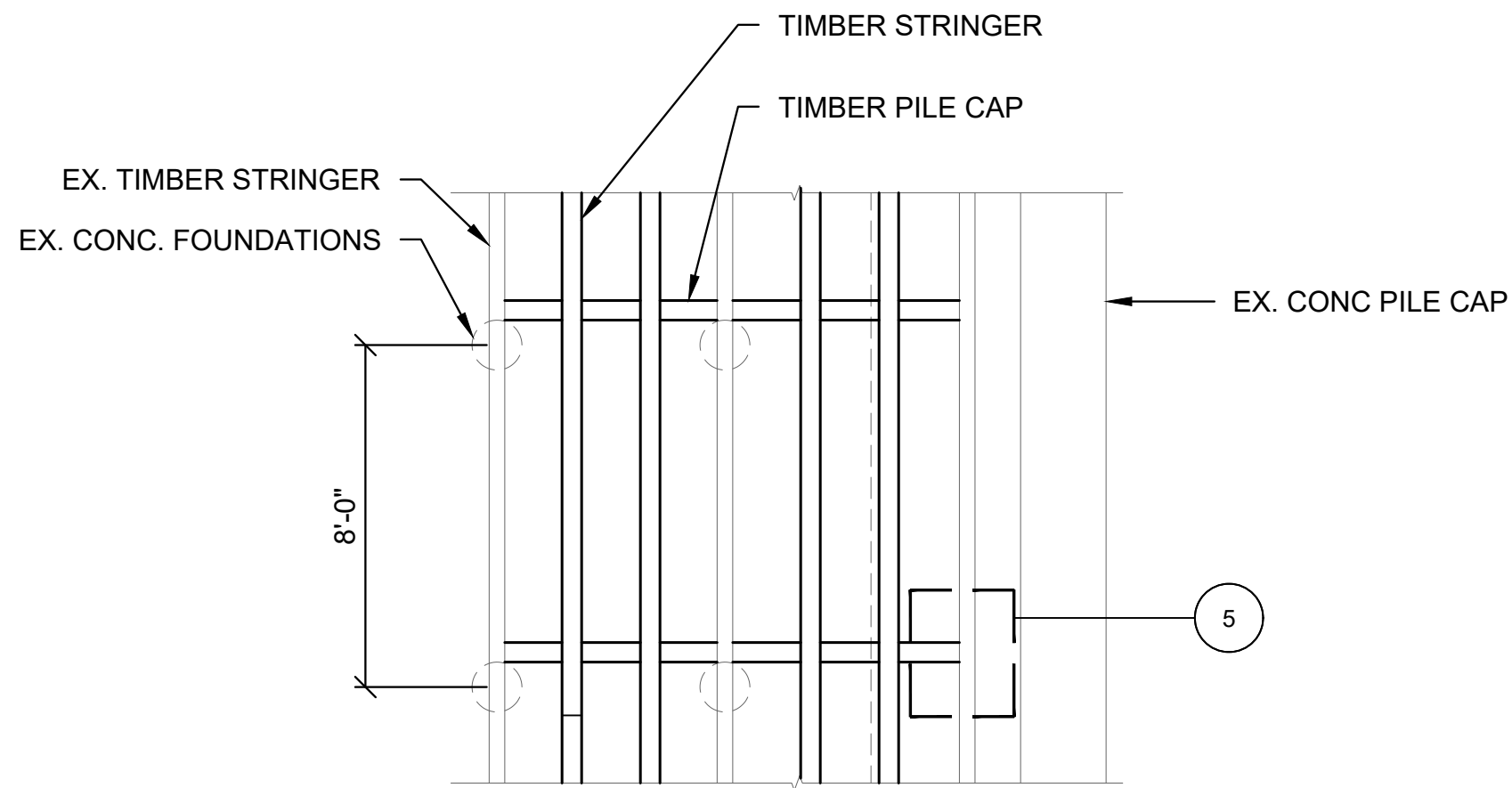
WESTERN EXTENSION
FRAMING PLAN

FOR BID

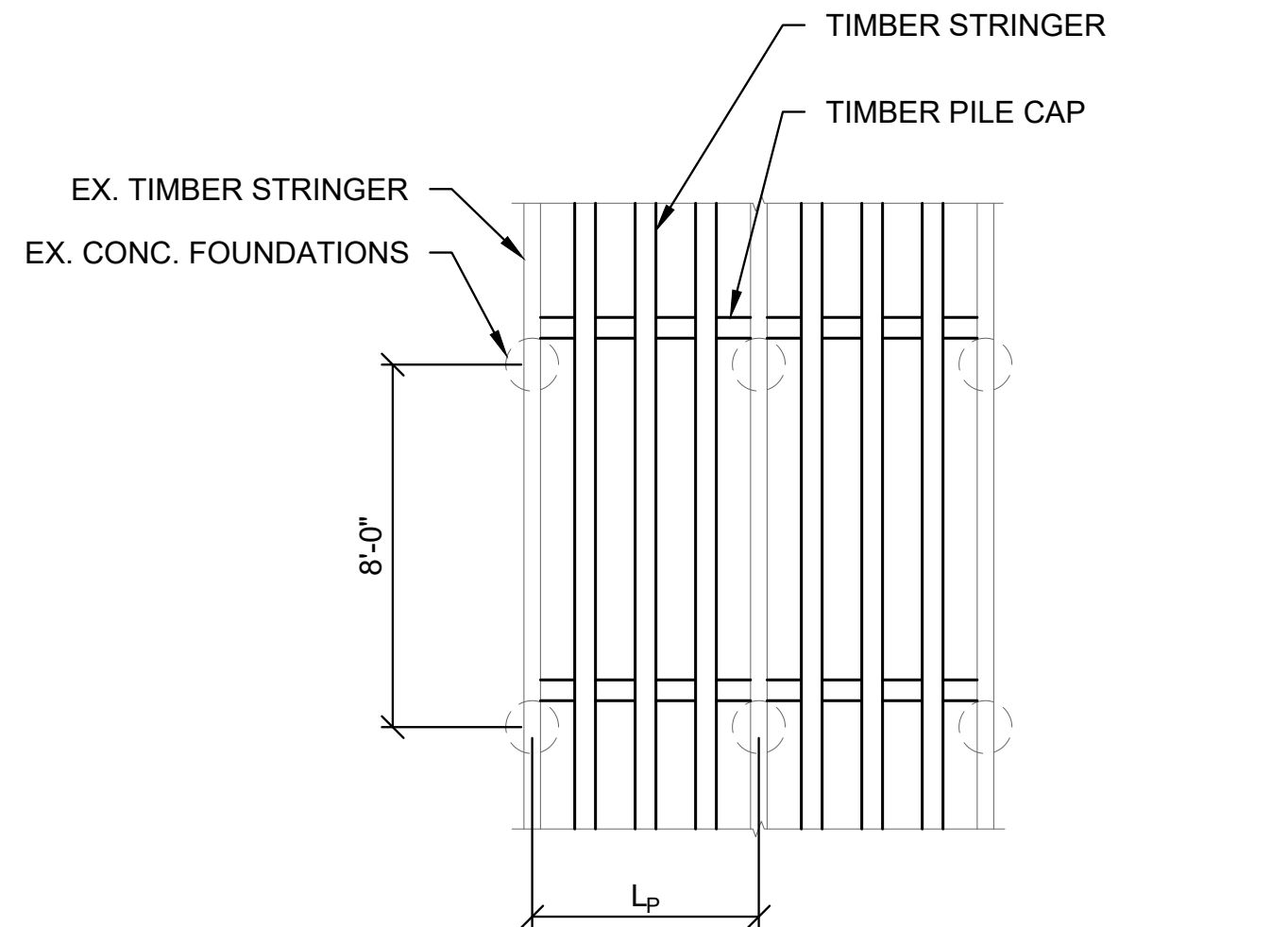
SHEET NO.

S-401

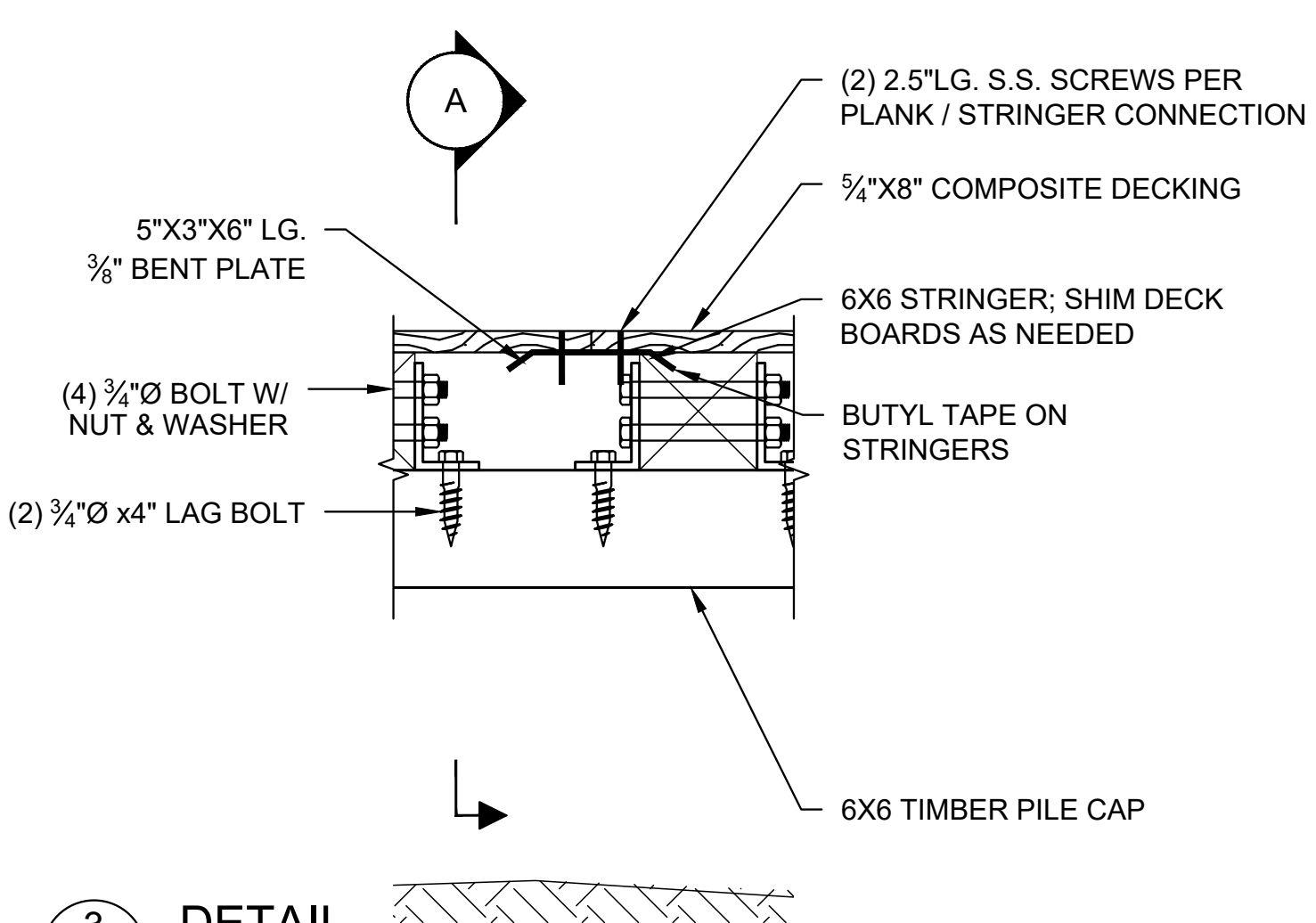
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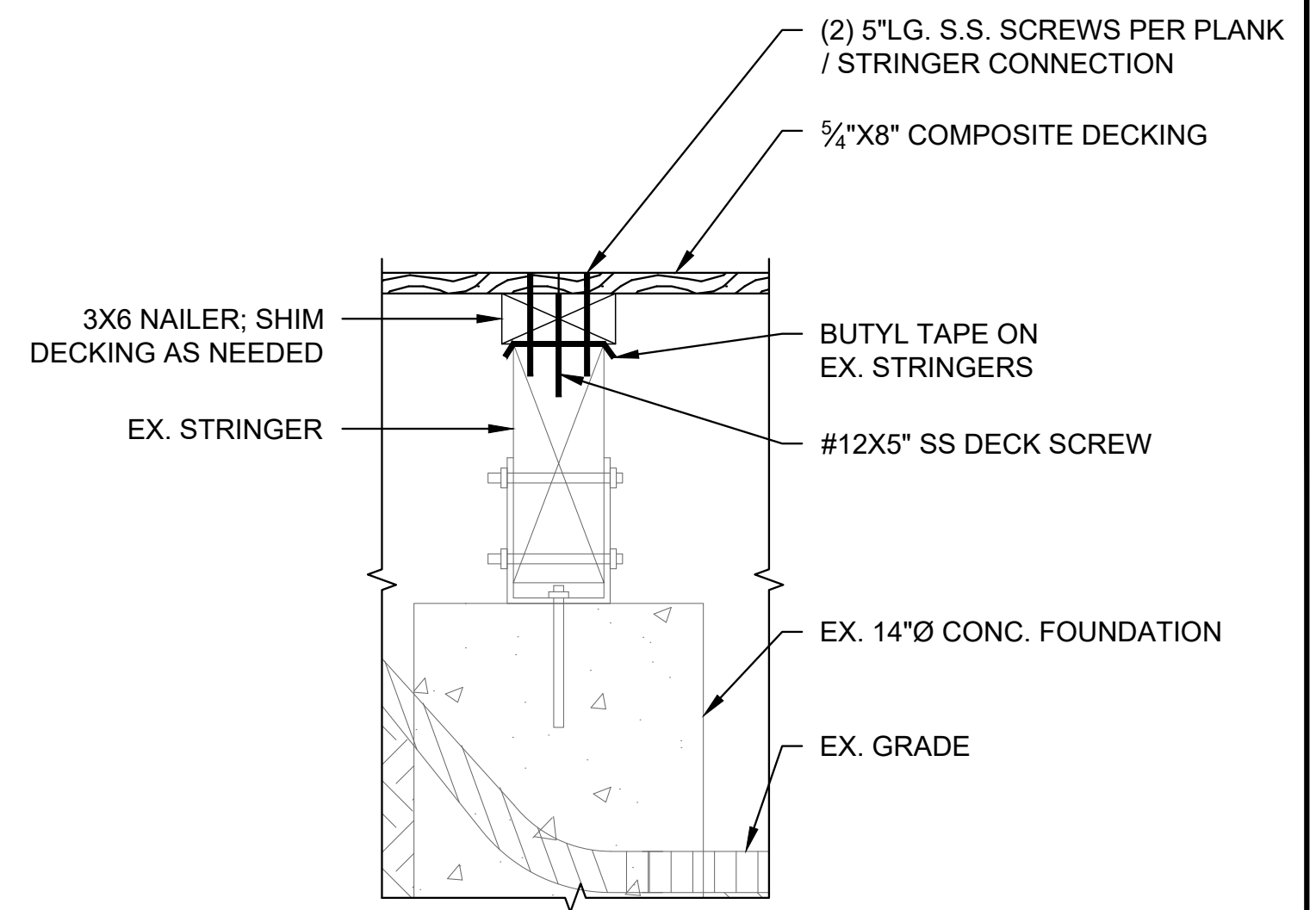
1 PLAN
TYPICAL BOARDWALK FRAMING
SCALE: 1/4" = 1'-0"



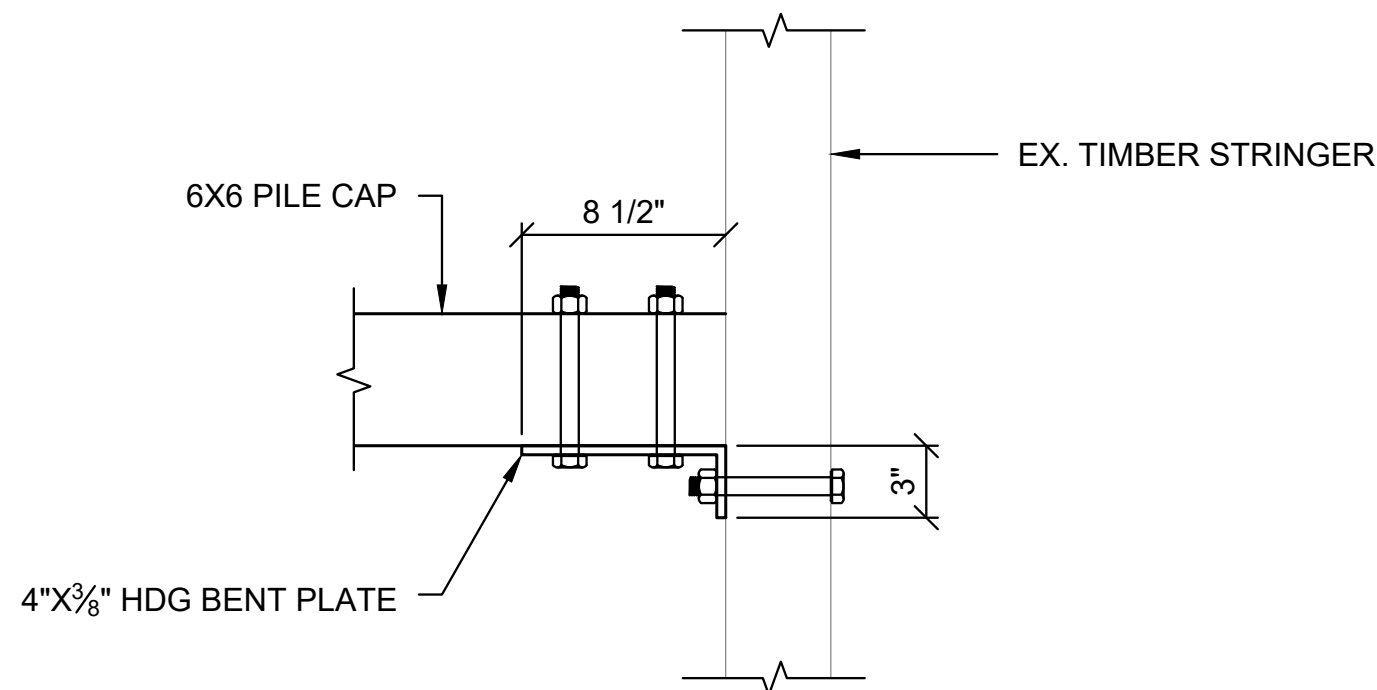
2 PLAN
S-401 TYPICAL WESTERN EXTENSION FRAMING
SCALE: 1/4" = 1'-0"



3 DETAIL
S-301 DECK BOARD & STRINGER CONNECTION
SCALE: 1-1/2" = 1'-0"

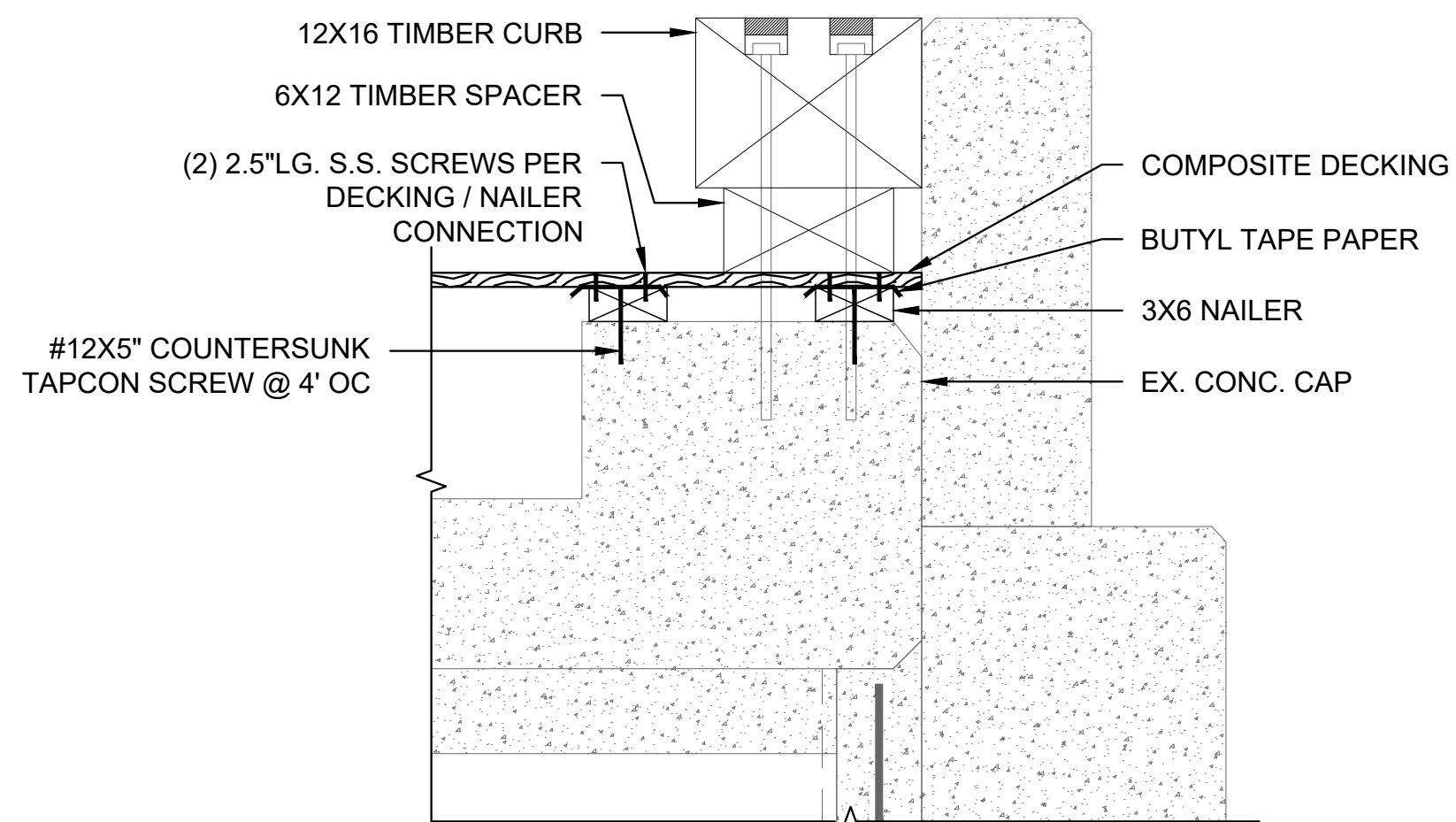


4 DETAIL
S-301 DECK BOARD CONNECTION
SCALE: 1-1/2" = 1'-0"

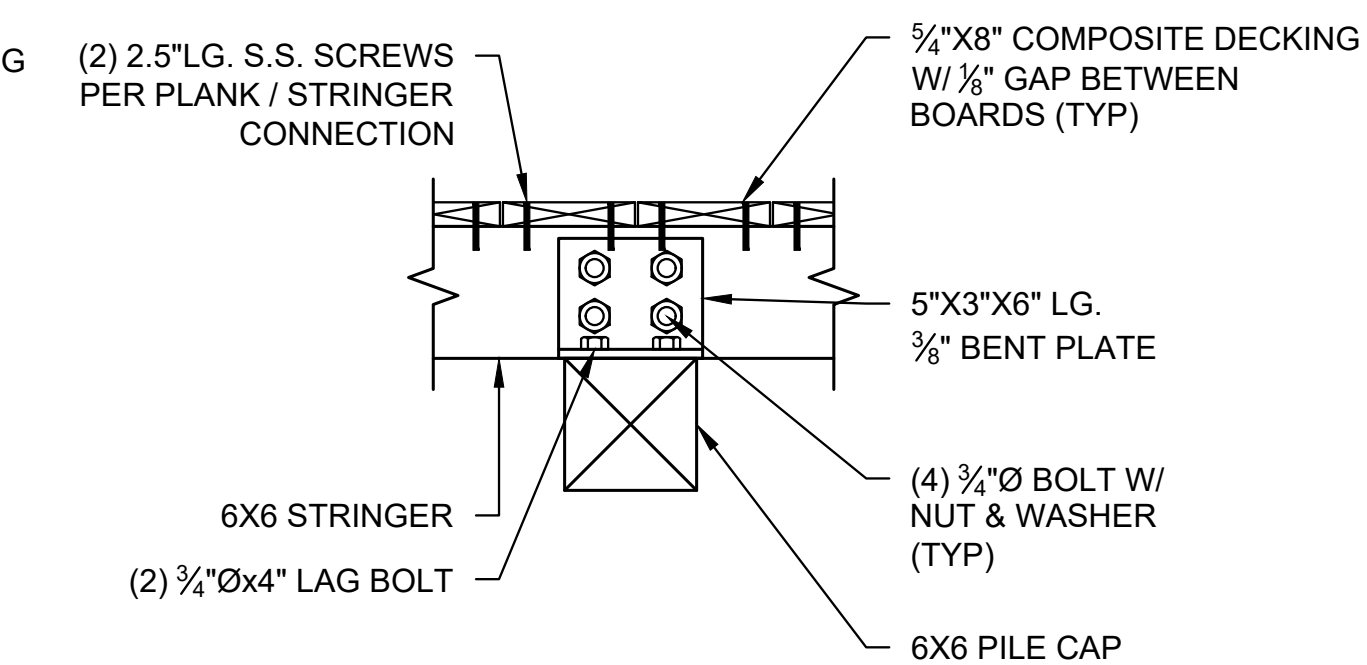


5 DETAIL
PILE CAP CONNECTION
SCALE: 1/4" = 1'-0"

NOTE:
PILE CAP TO EXISTING STRINGER CONNECTIONS CANNOT OCCUR AT CONCRETE FOUNDATIONS.



6 DETAIL
S-301 CONCRETE CAP CONNECTION
SCALE: 1" = 1'-0"



A SECTION
DECK BOARD & STRINGER CONNECTION
SCALE: 1-1/2" = 1'-0"



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

Designed: KTC
Drawn: JSF
Checked: XXX
Approved: XXX
P.E. No: -
GEI Project 2504333



CITY OF NEWBURYPORT
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NEWBURYPORT, MA 01950

CENTRAL WATERFRONT BOARDWALK RECONSTRUCTION

NEWBURYPORT, MA

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SHEET NAME
DETAILS - SHEET 1 OF 1

FOR BID

SHEET NO.

S-501