



CITY OF BEVERLY

November 27, 2024



RE: INVITATION FOR BIDS # 24-037 Commercial Marina Hoist Pier Replacement Project

**FROM: David Gelineau
Purchasing Agent
City of Beverly
191 Cabot Street
Beverly, MA 01915**

TO: ALL INTERESTED PARTIES

This addendum contains six (6) pages, and forms a part of the Invitation for Bids from the City of Beverly for # 24-037 Commercial Marina Hoist Pier Replacement Project.

QUESTIONS:

Question 1: *“Contract drawings are missing Page 8. Please confirm this is correct.”*

Response 1: Page 8 of the Contract Drawings was omitted in error. Page 8 of the Contract Drawings are attached to this Addendum.

Question 2: *“Please confirm if there are any details for the rock sockets.”*

Response 2: Rock sockets shall be a minimum 15-inches in diameter. A Rock Socket Detail is included as an attachment to this Addendum.

Question 3: *“Please confirm required dimensions of the davit crane.”*

Response 3: The davit crane shall have a 12-foot boom length. The bottom of the boom shall be 13.5 feet above the concrete deck of the hoist pier.

Question 4: *“Please confirm composite fender pile connection detail.”*

Response 4: Fender piles shall be connected to the concrete framing with a 1-inch diameter stainless steel anchor. Anchor shall be set in epoxy with a minimum of 8-inches of embedment into the concrete framing.

Question 5: *“Please provide details for the three stainless steel ladders.”*

Response 5: The ladders shall be 316 stainless steel and a minimum of 18 inches wide and 14 feet in height from top rung to bottom rung. They shall extend a minimum of 1 foot below Mean

Low Water. Connection to concrete framing shall be with 1-inch stainless steel anchors set in epoxy with a minimum of 8-inches of embedment into the concrete. The ladder shall be connected to the low-level timber bracing with 1-inch diameter stainless steel bolts. The ladders shall be coated with Carboline 615 or approved equal. Ladder rungs shall be coated with anti-slip coating prior to Carboline 615 coating.

Question 6: *“Please provide specifications for the composite fender piles or a list of approved manufacturers and product data.”*

Response 6: Composite fender piles shall be solid HDPE piles, capable of installation with impact hammer, minimum 12-inches in diameter as manufactured by TANGENT Technologies, LLC. Or approved equal.

Question 7: *“Please provide anchor bolt requirements for new davit crane.”*

Response 7: The Davit Crane Detail is shown on Contract Drawing Sheet 8, which is included as an attachment to this Addendum.

Question 8: *“Please provide electrical requirements for new davit crane (hoist listed as manual) with detail for connecting to existing electrical system.”*

Response 8: The new davit crane shall include a 2-ton stainless steel electric hoist. The existing electrical service to the current hoist is a 300-amp, 120/240 volt, 1-phase panelboard. The new hoist shall be 240 volt, 1-phase power. Once awarded a contract, the successful bidder shall submit connection method showing conduit and wire placement to the City Electrician for review and approval.

Question 9: *“Please provide a detail for the concrete seawall construction.”*

Response 9: The detail for this is shown on Contract Drawing Sheet 8, which is included as an attachment to this Addendum.

Question 10: *“Please clarify expectations for probing for bedrock elevation for the pier pipe piles.”*

Response 10: The expectation for probing is for the successful bidder to probe each proposed pile location with a small diameter pipe pile or H-pile to determine the overburden at each pile location. Based on the results of the probing, the need for rock sockets will be assessed. The successful bidder shall submit a probing plan for review and approval prior to performing the probes.

Question 11: *“Please provide information of existing electrical panels and lighting noted under the demolition and removal section 02003 (Existing site features along the existing wharf shall be removed, stored, and replaced including but not limited to, benches, picnic tables, bollards, lighting, electrical panels, trash receptacles and planters).”*

Response 11: The removal of these site features is necessary for the removal and replacement of the timber decking of the wharf structure adjacent to the hoist pier. The City Electrician will be on site during that portion of the work to coordinate with the successful bidder on the removal and re-installation of the electrical features.

Question 12: *“The installation of composite piles is not common on the north shore of MA. Will evidence of prior experience in pile driving and marine construction be acceptable in lieu of the requirement that Pile Driving Contractor must provide a minimum of three successful, completed, installations of composite fender piles?”*

Response 12: Evidence of prior experience in general pile driving and marine construction will be acceptable.

Question 13: *“Please confirm that Construction Payment Bonds and Construction Performance Bonds are not required to be submitted with the bid.”*

Response 13: Construction Payment and Performance Bonds are **not required to be submitted with the bids**. A revised Bid Checklist is included as an attachment to this Addendum. The successful bidder will be required to submit these items once the contract has been awarded.

Attachments:

- **Bid Checklist**
- **Contract Drawing Sheet 8 of 12**
- **Rock Socket Detail**

Email: dgelineau@beverlyma.gov

Fax: 978-921-8301

Please sign this acknowledgement of receipt of the Addendum No.2 and return with your bid.

Signature of Bidder

Forms

Submitted Forms Checklist

For the Bidder's Convenience we have included this form.

Please be sure you have included the following.

Included

- Yes** **No** Form for Bid

- Yes** **No** Bid Security

- Yes** **No** Certification of Bidder Regarding Equal Employment Opportunity

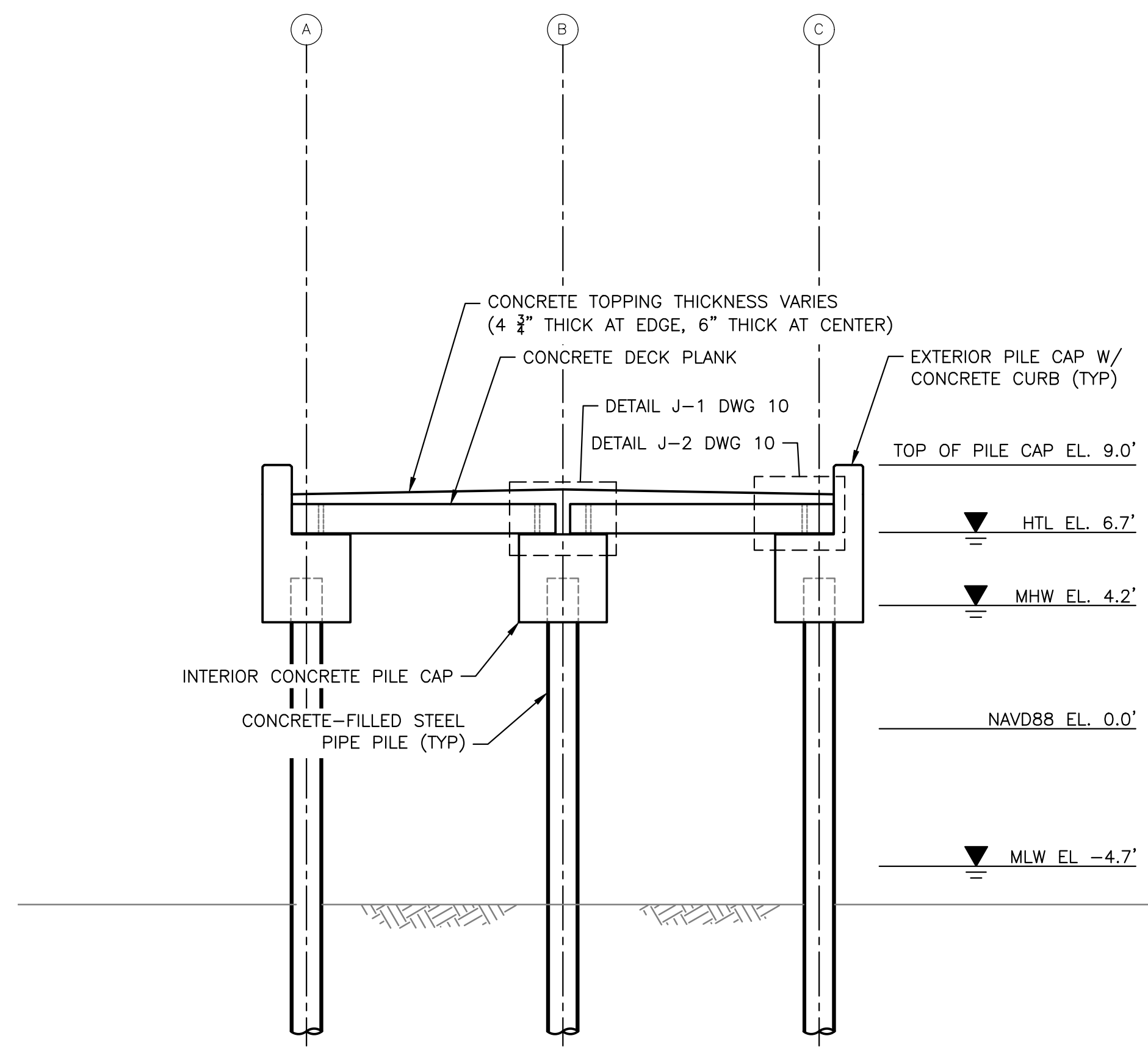
- Yes** **No** Certificate of Compliance with Tax Laws

- Yes** **No** Certificate of Insurance

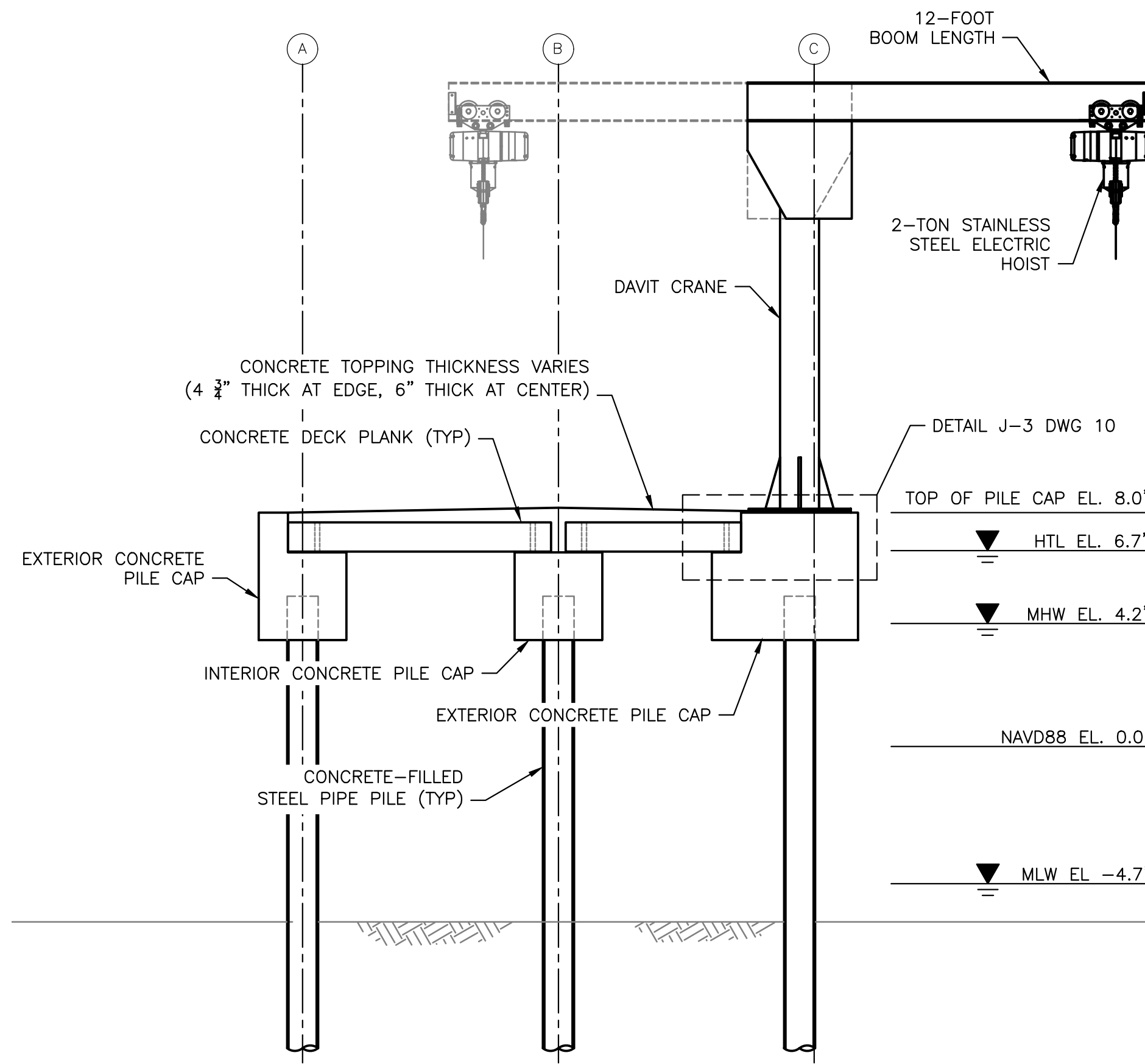
- Yes** **No** Certificate of Non-Collusion

- Yes** **No** Corporate Signatory Authorization

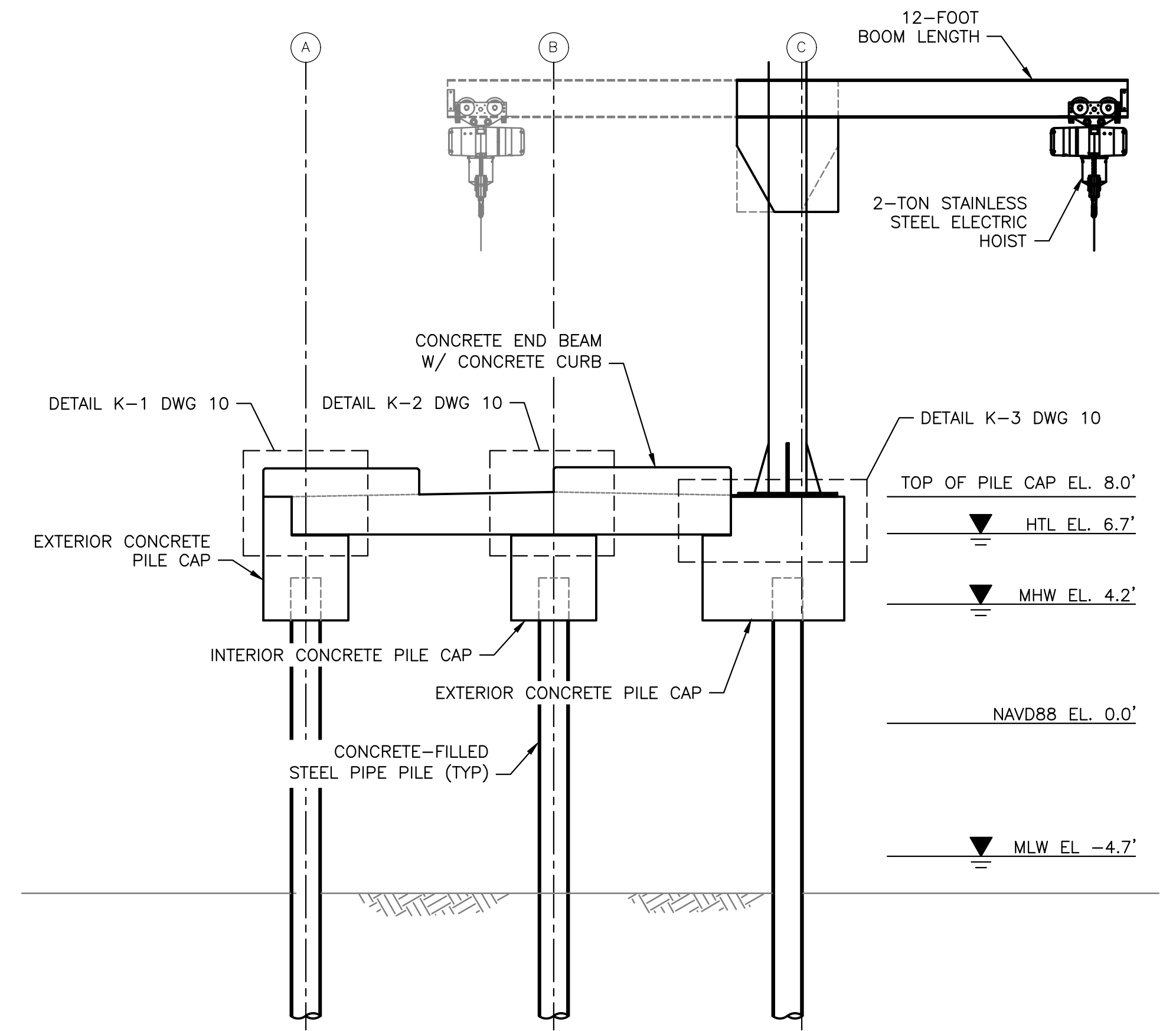
Signature



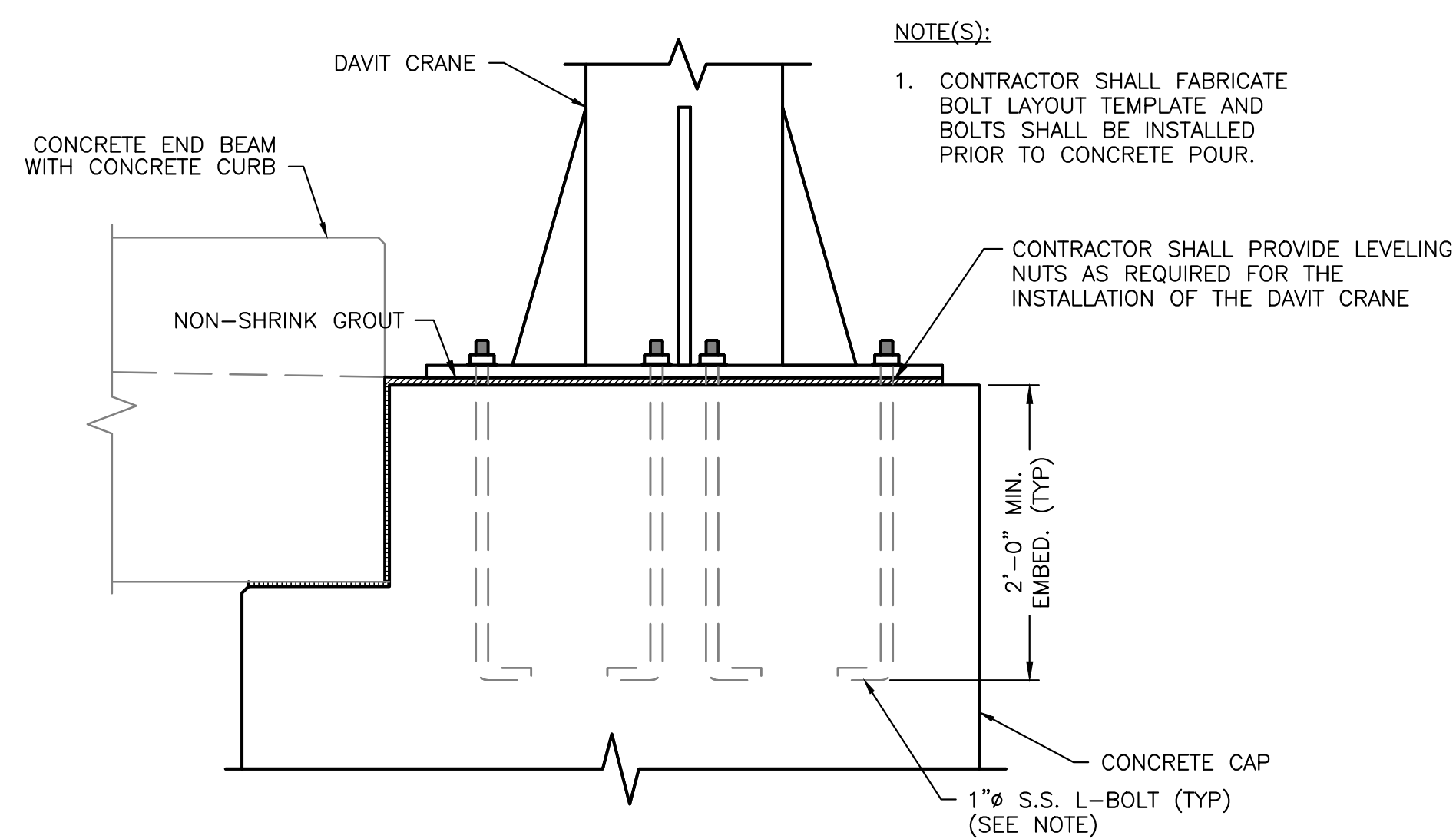
D-1 PIER SECTION
07 SCALE: 1" = 4'



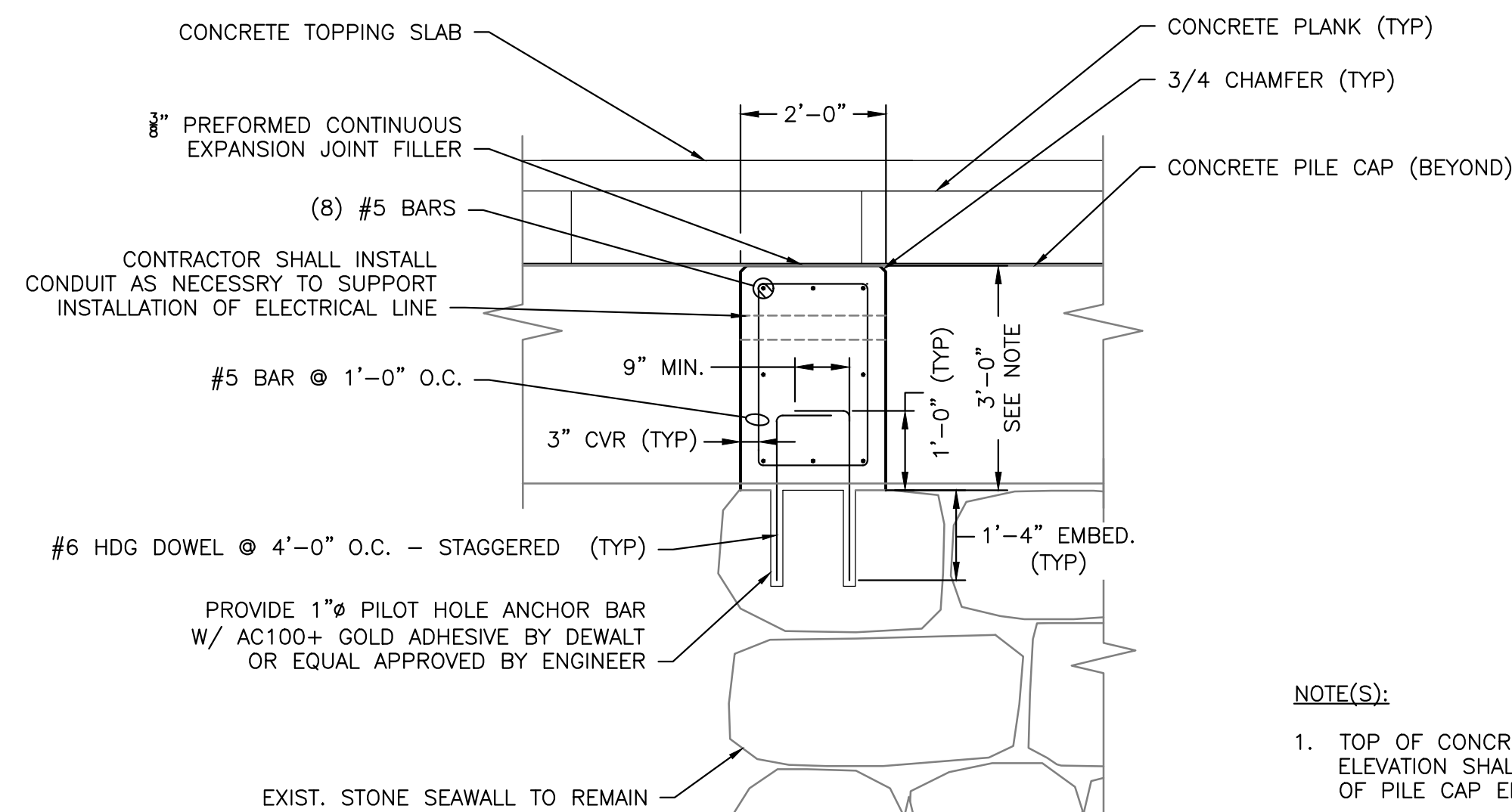
D-2 PIER SECTION
07 SCALE: 1" = 4'



D-3 PIER SECTION
07 SCALE: 1" = 4'

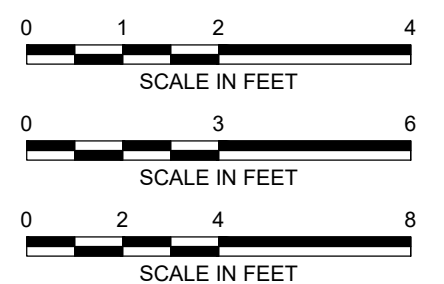


E DAVIT CRANE DETAIL
06 SCALE: 1" = 1'



F CONCRETE SEAWALL DETAIL
07 SCALE: 1" = 2'

- NOTE(S):
1. TOP OF CONCRETE SEAWALL ELEVATION SHALL MATCH TOP OF PILE CAP ELEVATION.
 2. BOTTOM OF CONCRETE SEAWALL MAY EXTEND DEEPER THAN BOTTOM OF PILE CAP. ADDITIONAL REINFORCEMENT MAY BE REQUIRED.

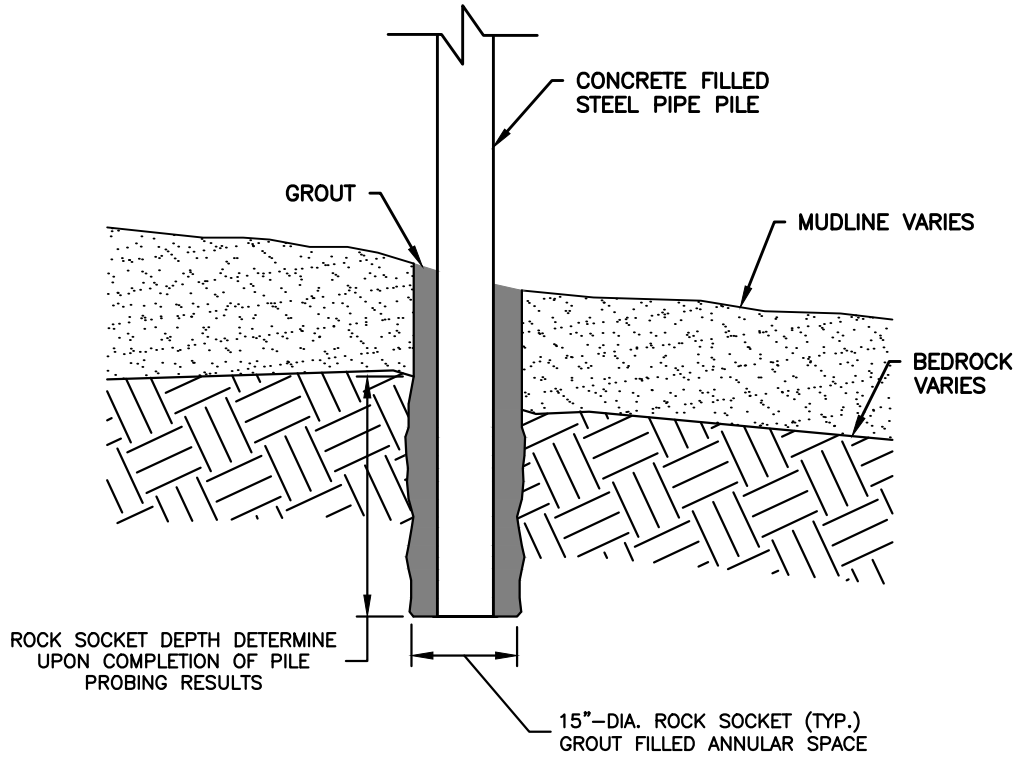


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COMMERCIAL MARINA HOIST PIER REPLACEMENT 11 CABOT STREET BEVERLY, MASSACHUSETTS			
SECTIONS AND DETAILS			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: CITY OF BEVERLY 191 CABOT STREET BEVERLY, MA 01915		
PROJ MGR: JJZ	REVIEWED BY: MTT	CHECKED BY: MTT	DRAWING
DESIGNED BY: ARJ	DRAWN BY: ARJ	SCALE: AS SHOWN	8
DATE: NOVEMBER 2024	PROJECT NO.: 18.0174643.00	REVISION NO.:	
			SHEET NO. 8 OF 12

ISSUED FOR BID
NOT FOR CONSTRUCTION

© 2024 - GZA GeoEnvironmental, Inc. GZA-J1174600s\18.0174643.00 Beverly Com Pier Marina\Figures\CAD\DWGs\100% Bid Drawings\18.0174643.00_Beverly Bid Drawings.dwg [Addendum 2 - Rock Socket] November 26, 2024 - 3:17pm joshua.zall



ROCK SOCKET DETAIL
 SCALE: N.T.S.

NOTES

1. 12.75"–DIAMETER STEEL PIPE PILES SHALL HAVE 15"–DIAMETER ROCK SOCKETS.
2. CONTRACTOR SHALL ENSURE THAT GROUT IS PLACED SO AS TO FILL THE ANNULAR SPACE AROUND THE PILE THROUGHOUT THE LENGTH OF THE ROCK SOCKET AND ANY VOIDS IN THE OVERBURDEN BEFORE REMOVING TEMPORARY DRILL CASING, IF USED.
3. CONTRACTOR SHALL DEMONSTRATE AND PROVIDE VERIFICATION OF GROUT RETURN AROUND THE PIPE ANNULUS IN BOTH THE ROCK AND OVERBURDEN.

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ADDENDUM #2 ROCK SOCKET DETAIL	PROJ MGR: JJZ REVIEWED BY: MTT CHECKED BY: ABB DESIGNED BY: JJZ DRAWN BY: JJZ SCALE: AS SHOWN DATE: NOVEMBER 2024 PROJECT NO. 18.0174643.00 REVISION NO.	FIGURE 1
		SHEET NO. 1 OF 1