

**REPLACEMENT OF QUARRY ROAD BRIDGE
SUFFIELD, CT
ADDENDUM NO. 1
March 26, 2025**

TO ALL BIDDERS:

All instructions in this addendum shall be reflected in the Bid and will become part of the Contract Documents when the Contract is awarded.

The addenda will be posted on the Town of Suffield website. Contractors bidding the project are responsible for distributing copies to all subcontractors, suppliers, and other entities providing quotations.

The following items form this addendum:

1. Sign in sheet for mandatory pre-bid meeting held on March 20, 2025.
(4 pages)
2. Pre-Bid Meeting Agenda
(1 page)
3. Responses to questions and additional information discussed at the pre-bid meeting.
(1 page)
4. Answers to Questions Received by March 24, 2025.
(1 page)
5. Sheet No. 6 and Sheet No. 8 updated to reflect comment responses.
(2 pages)

**PRE-BID MEETING SIGN-IN SHEET
REPLACEMENT OF QUARRY ROAD BRIDGE NO. 139011
SUFFIELD, CONNECTICUT
10:00 AM, MARCH 20, 2025**

<u>NAME</u>	<u>ORGANIZATION</u>	<u>CONTACT INFORMATION</u>
Denise Lord	Barton & Loguidice, LLC	Telephone: 860-633-8770 Fax: _____ Email: dlord@bartonandloguidice.com
Jesse Carlson	B&W PAVING	
JESSE CARLSON	B & W PAVING	Telephone: (860) 572-9942 Fax: _____ Email: BETTY@BANDWPAVING.COM
Clayton Baldi	Arborio Corporation	Telephone: 860-529-7714 Fax: _____ Email: engr@arboriocorp.com
		Telephone: _____ Fax: _____ Email: _____
		Telephone: _____ Fax: _____ Email: _____

NAME	ORGANIZATION	CONTACT INFORMATION
Dulce Montana	Northern Construction	Telephone: 413 289 1230 Fax: _____ Email: DMontana@NorthernConstruction.com
CHRIS DENIS	ET & L CORP	Telephone: 978 - 897 - 4353 Fax: _____ Email: KH04T@ETLcorp.com
DAN KAMINSKI	J.L. RAYMAAKERS AND SONS	Telephone: 413 - 231 - 7785 Fax: _____ Email: danpm@raymakers.com
Matt Allison	Avery Construction	Telephone: 860 - 749 - 9356 Fax: _____ Email: estimating@ave-con.com
Matt Moser	Sunset Valley Construction	Telephone: 860 706 9780 Fax: _____ Email: matt@svconstructionllc.com
		Telephone: _____ Fax: _____ Email: _____

NAME	ORGANIZATION	CONTACT INFORMATION
Richard Gough	Yield Industries	Telephone: 860-808-9700 Fax: _____ Email: rich@yieldind.com
BEN BOUCHER	RICHARDS CORP	Telephone: 401 474 5054 Fax: _____ Email: BBOUCHER@RICHARDSCORP.COM
Brian Spazzarini	Spazzarini Construction Co, LLC	Telephone: 860-745-5683 Fax: 860-745-9024 Email: bspazzarini@spazzarini.com
Bill Hawkins	Town of Suffield	Telephone: 860-668-3848 Fax: _____ Email: bhawkins@suffieldct.gov
Lee Corbett	Town of Suffield	Telephone: 860-668-3280 Fax: _____ Email: Lcorbett@suffieldct.gov
Yash Goraniya	NEW ENGLAND INFRASTRUCTURE	Telephone: 714 405 0605 Fax: _____ Email: YGORANIYA@NEINFRASTRUCTURE.COM

NAME	ORGANIZATION	CONTACT INFORMATION
DAN NEAGLE	LAWRENCE BRUNELI, INC.	Telephone: 800-676-9900 Fax: 800-676-0455 Email: bids@bruneli.com
Alice R	NSR Construction	Telephone: 800-618-7372 Fax: NICK: Email: nick@nsrconstruction.net
Matt Dayton	Dayton Construction	Telephone: 860-274-2998 Fax: Email: Bids@Dayton-Construction.com
		Telephone: Fax: Email:
		Telephone: Fax: Email:
		Telephone: Fax: Email:

**PRE-BID MEETING AGENDA
REPLACEMENT OF QUARRY ROAD BRIDGE, SUFFIELD, CONNECTICUT
10:00 AM MARCH 20, 2025**

I. INTRODUCTIONS

- A. Mandatory Sign-In Sheet
- B. Owner – [Town of Suffield](#)
- C. Engineer – [Barton & Loguidice, LLC](#)

II. GENERAL PROJECT INFORMATION

- A. Funding Sources – [Small Town Economic Assistance Program \(STEAP\) & State Local Bridge Program \(SLBP\) and Town of Suffield.](#)
- B. Question Submission Deadline – 5:00 pm on Friday, March 28th
- C. Submission of Bids – [Town’s Website – Public Works & Highway Department](#)
- D. Bid opening date, time, location – 2:00 p.m. on Thursday, April 3, 2025 ([Suffield Town Hall – Office of First Selectman, 83 Mountain Road](#))
- E. Bid Proposal
 - [Bid Proposal with required forms and Bid Security:](#)
 - [Bidder Contract Compliance Monitoring Report](#)
 - [Bid Bond](#)
 - [Non-Collusion Affidavit](#)
 - [Bidders Qualification Statement](#)
 - [Suffield Ethics Commission Acknowledgement/Commitment Form](#)
- C. Contract Time, Liquidated Damages - [208 Calendar Days, LD in Contract Docs](#)
- D. Performance & Payment Bonds
- E. Insurance Requirements - [In Contract Documents](#)
- F. Prevailing Wage Rates - [In Contract Documents](#)
- G. Schedule –

Notice to Proceed	May 1, 2025
Substantial Completion	November 25, 2025

[Submit any questions relating to schedule for Addendum responses.](#)

III. DETAILED PROJECT OVERVIEW

- A. Description of Scope of Work – [Twin precast box culverts \(45 degree skewed end sections\) with precast concrete wingwalls.](#)
- B. Plans, Specifications & Special Provisions - [CT DOT Form 819](#)
- C. Permits - [Local IW, ACOE General Permit PCN – Compliance and Start Notification Forms](#)
- D. Material Submittals – [Anticipated submittals listed in contract documents](#)
- E. Construction Inspections – [TBD](#)

IV. QUESTIONS

V. PRE-BID MEETING FOLLOW-UP – ADDENDUM NO. 1

- A. Meeting Minutes Distribution
- B. Sign-In Sheet Distribution
- C. Clarifications

The Pre-Bid Meeting Agenda is attached and was discussed at the meeting. Please note:

- Funding Sources: The project will utilize approximately 75% State Funding and 25% Town funds.
- Several forms are required with the bid – these are listed in the Contract Documents.
- The Contract documents include a Contract Time of 208 days for a one season project with an approximate construction schedule from May 1, 2025 through November 25, 2025. Contractors should submit any questions regarding scheduling for Addendum responses.
- Local and Army Corps Permits require submission of Compliance and Start Notification Forms – included in the contract documents.

Quarry Road is currently set up for an alternating one-way traffic configuration at the bridge due to the condition of the existing bridge and railing. The Town of Suffield will remove the existing concrete barriers, signs etc. once the Contractor is ready to start construction at the site.

As stated in the Contract Documents (Special Provisions page SP-3), the Contractor will be required to submit their construction schedule including anticipated precast concrete delivery prior to closing the roadway. This schedule will demonstrate the various work items and allow for the successful bidder and the Town to discuss and determine the appropriate timing for road closure and work completion.

Responses to questions posed at the Pre-Bid Meeting:

Question – Are there Water restrictions for the project?

Response – Any unconfined instream work in this watercourse is restricted to the period between June 1 and September 30, inclusive. This restriction does not apply to cofferdam installation.

Question – Can cast-in-place concrete walls be installed instead of pre-cast concrete?

Response – The Contractor would be required to submit a design package for approval if cast-in-place walls are proposed in lieu of pre-cast.

Question – What is the budget for the project? Is the project fully funded?

Response – The project is fully funded based on the latest Engineering Estimate. The project includes a State Local Bridge grant which will pay for one-half of the entire project. The remaining one-half of the project will be funded using a STEAP grant (\$500,000) and Town funds.

Question – Was an open bottom bridge rather than box culverts considered for the replacement?

Response – Yes, a bridge was the initial alternative considered but due to the existing sandy soils encountered with the borings and the additional cost that would be required for piles, the structure type was changed to box culvert.

Question – Will the costs of inspection material and compaction testing be paid for by the Town?

Response – Yes, these tests will be scheduled by the construction inspector based on the Contractor's planned work and will be paid for by the Town.

Question – Will the Town require the road to be opened during winter shutdown if the project cannot be completed this year?

Response - If the project cannot be completed this year and requires a construction winter shutdown, the Town will allow the roadway to remain closed through the winter.

Responses to questions posed via email on or before March 24, 2025.

Question - The cutoff walls look to be shown as one complete unit on each end for both culvert runs. Typically these are built as a separate pieces under the end of each run. Then we will cast inserts in the face of each piece for the nosing to be cast-in-place for both the cutoff walls and the faces of the culverts to tie everything together.

Response – Sheet 6 has been updated to show two separate cutoff walls that will have threaded inserts cast into them to connect the nosing footing.

Question - Are the haunches in the end sections that will be built as slab top culverts required?

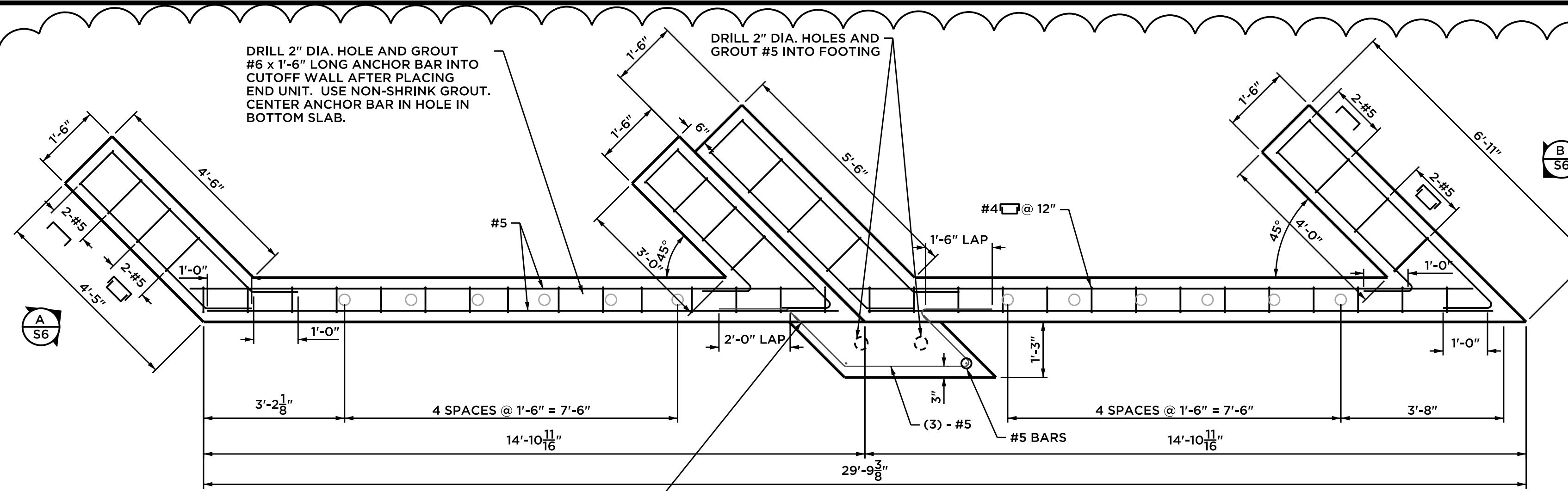
Response—Yes, the haunches are required. The end sections are currently specified as cast-in-place. However, if the Contractor proposes a plan to submit the top slab as a fully precast unit, the Engineer is open to considering it.

Question - Does the moment slab continue down the entire length of the wingwall or is it placed only 16' at either end of the box culvert? Sheet 8 of 13 / section BB curb moment slab on wingwall - Is the moment slab cast-in-place concrete or precast?

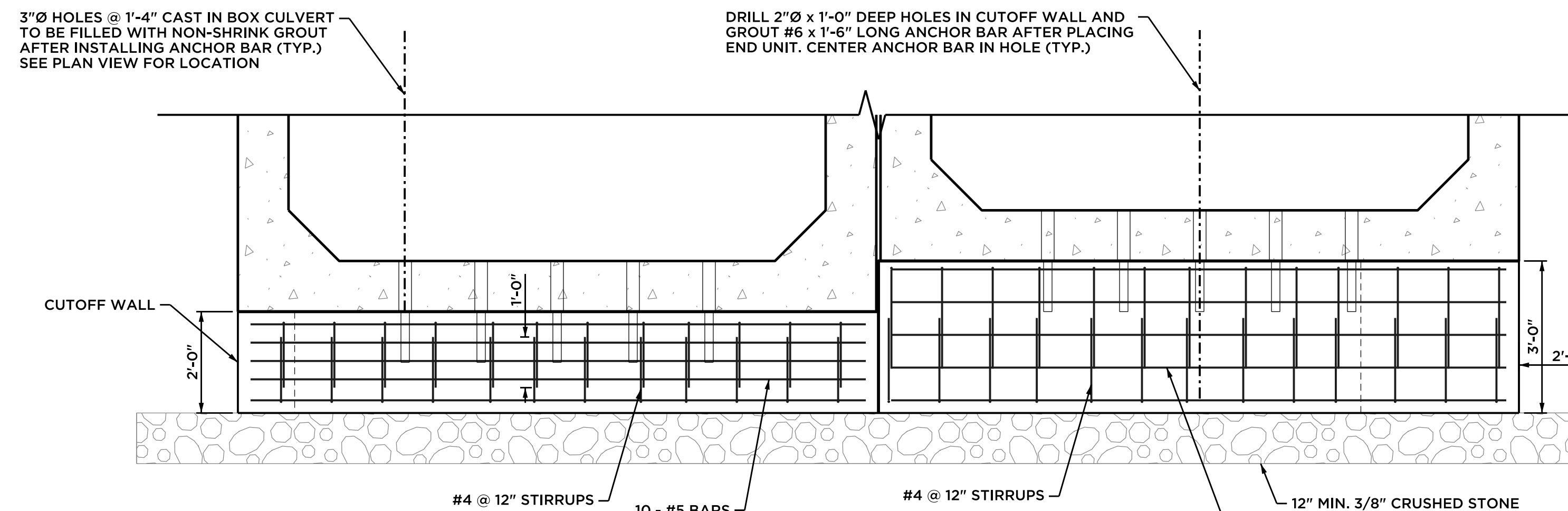
Response – Sheet 8 has been updated for clarity. The moment slab extends along the full length of the wingwalls.

Question – The specifications state that 25% of the total state-funded portion of the contract be set aside for award to subcontractors that are DAS-certified Small Businesses. Is this project 100% state funded? Can the value of the state funding be provided for the purposes of determining the required Small Business and Minority, Women, and/or Disabled-owned Business values?

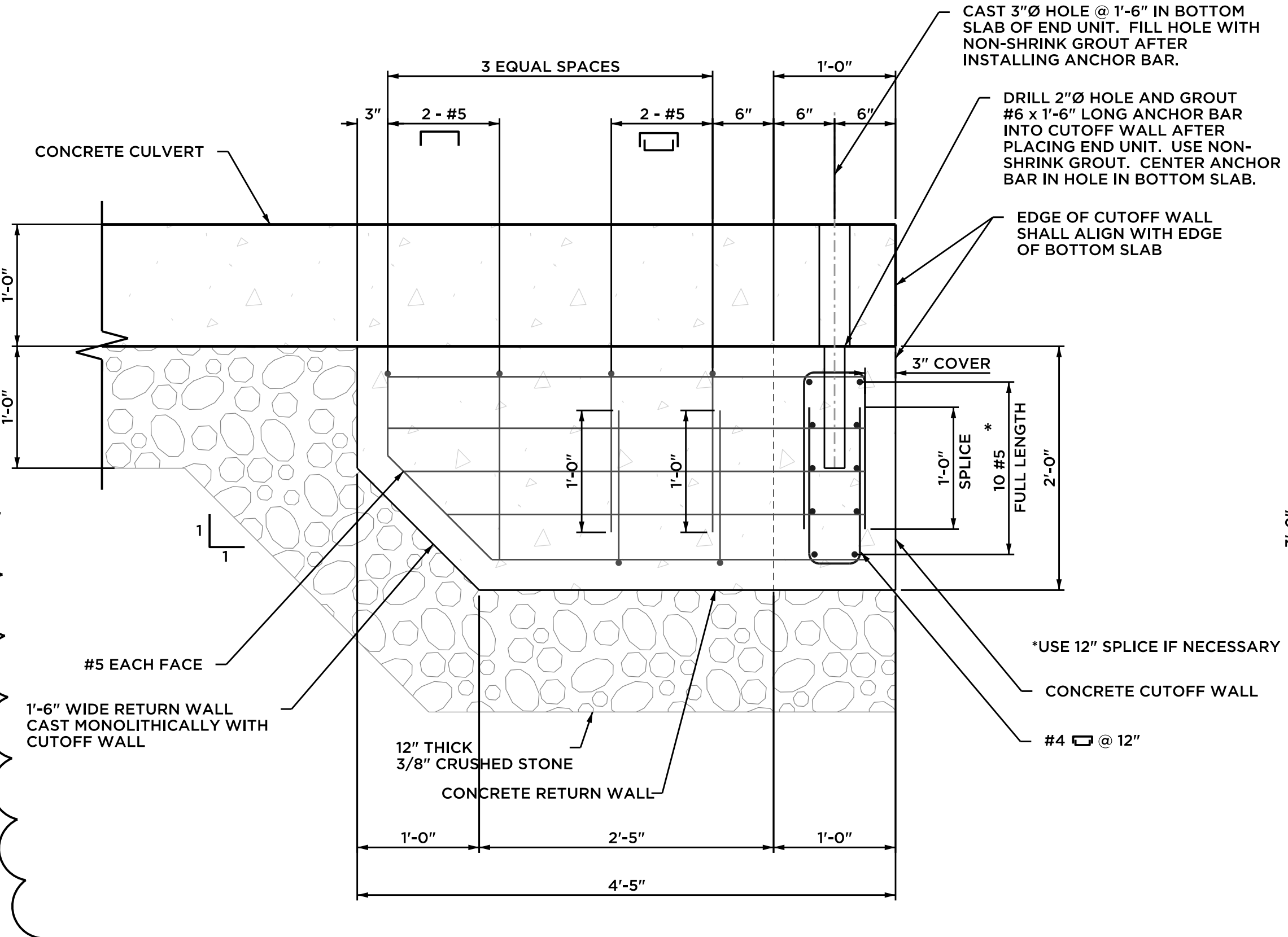
Response – The project is being funded by two State grants and also local Town funds. The total portion of the project using State funds will be approximately 75%.



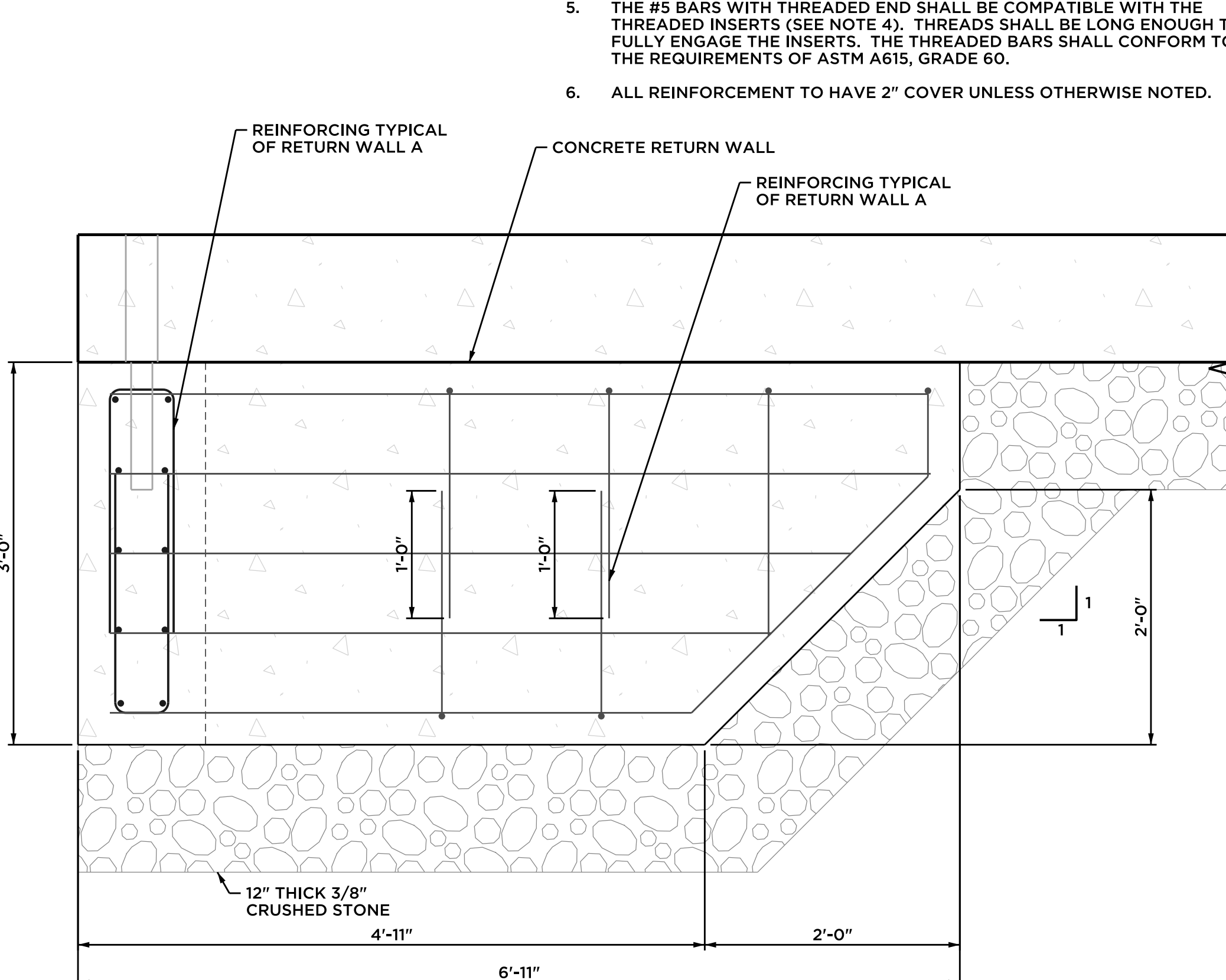
CUTOFF WALL PLAN
EAST (INLET) CUTOFF WALL SHOWN
WEST (OUTLET) CUTOFF WALL MIRROR IMAGE



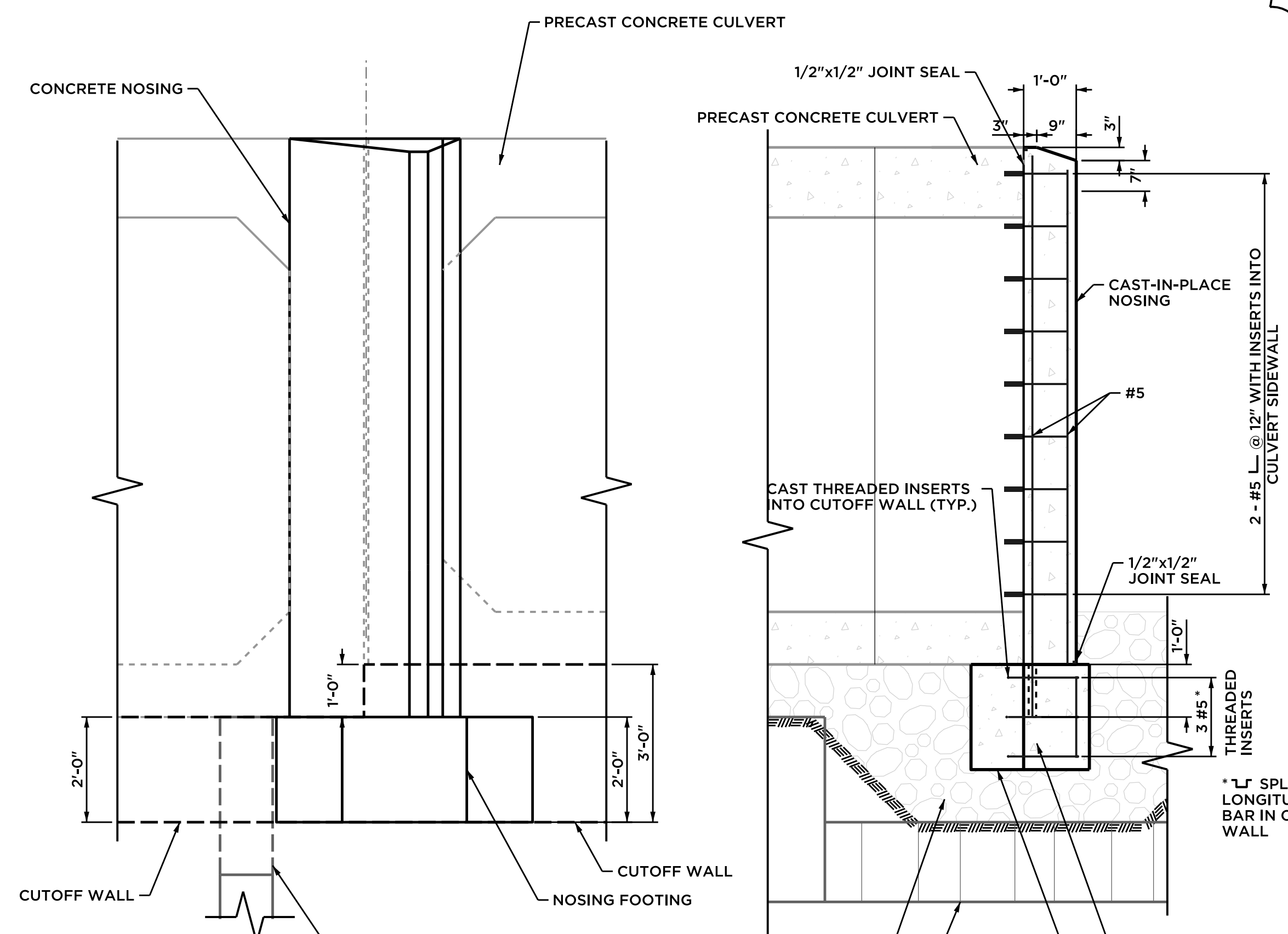
CUTOFF WALL ELEVATION
EAST (INLET) CUTOFF WALL AS SHOWN
WEST (OUTLET) CUTOFF WALL MIRROR IMAGE
CAST-IN-PLACE CUTOFF WALL DETAILS
 SCALE: 1/2" = 1'-0"



A RETURN WALL
 NOT TO SCALE



B RETURN WALL
 NOT TO SCALE

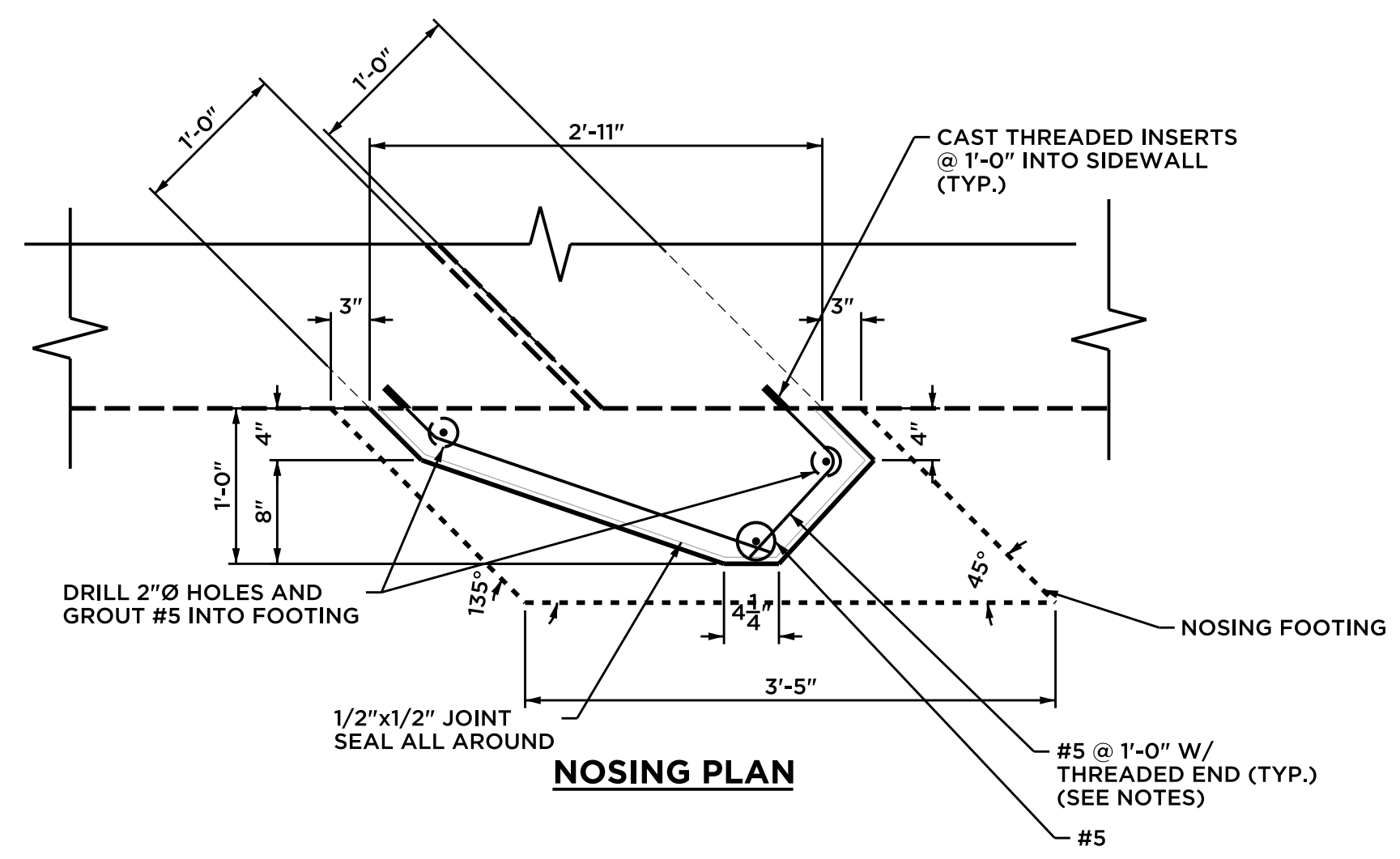


NOSING ELEVATION

NOSING SECTION

PRECAST CONCRETE BOX CULVERT NOTES:

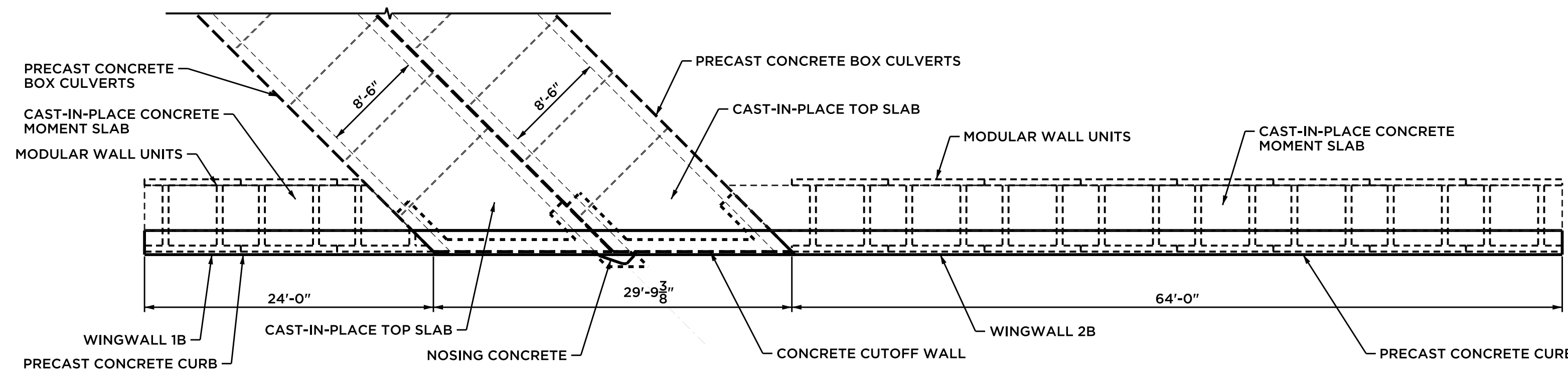
1. THE CONTRACTOR SHALL DESIGN, MANUFACTURE, AND CONSTRUCT PRECAST CONCRETE BOX CULVERT IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "PRECAST CONCRETE BOX CULVERTS" AND THE INSIDE DIMENSIONS, LENGTH, AND DETAILS SHOWN ON THESE PLANS.
2. ALL INSERTS OR HOLES CAST INTO THE CULVERT SECTIONS FOR THE SOLE PURPOSE OF HANDLING AND SETTING THE UNITS SHALL BE GROUTED OVER TO A SMOOTH FINISH UPON COMPLETION OF THE WORK.
3. NON-SHRINK GROUT SHALL BE USED TO GROUT THE REINFORCEMENT.
4. INSERTS SHALL BE ONE OF THE FOLLOWING:
 1. STAR EXPANSION INDUSTRIES CORP. TYPE P-35-T
 2. RICHMOND SCREW ANCHOR CO. TYPE LF
 3. DAYTON SUPERIOR CORP. TYPE F-57
5. THE #5 BARS WITH THREADED END SHALL BE COMPATIBLE WITH THE THREADED INSERTS (SEE NOTE 4). THREADS SHALL BE LONG ENOUGH TO FULLY ENGAGE THE INSERTS. THE THREADED BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.
6. ALL REINFORCEMENT TO HAVE 2" COVER UNLESS OTHERWISE NOTED.



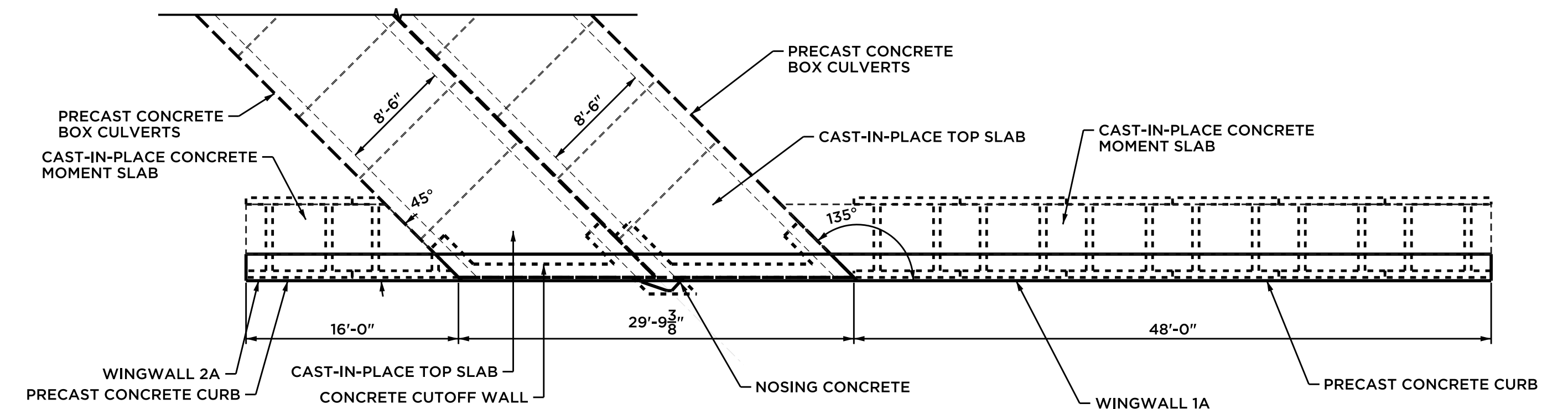
NOSING PLAN

NOSING DETAILS

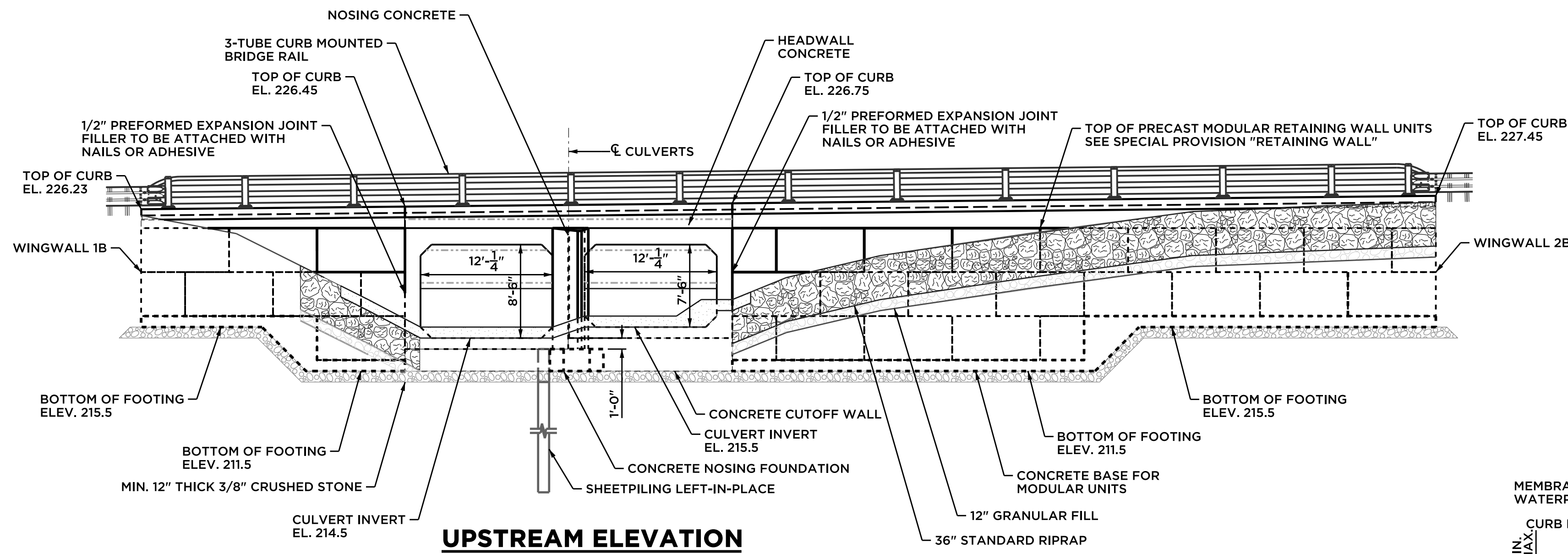
		41 Sequin Drive Glastonbury, CT 06033 Phone: (860) 633-9370 Fax: (860) 633-5971 www.bandct.com	
		Civil Engineering • Environmental Consulting • Land Surveying • Construction Management	
PROJ. ENGINEER KBF PROJ. MANAGER KBF OFFICE REVIEW MMZ	REPLACEMENT OF QUARRY RD BRIDGE PREPARED FOR TOWN OF SUFFIELD		
REVISIONS ADD 1 03/26/25	CUTOFF WALL & NOSING DETAIL QUARRY ROAD SUFFIELD, CT		
SCALE: AS NOTED	PROJECT 3157-31	DATE 03/05/25	SHEET NO. 6 OF 13



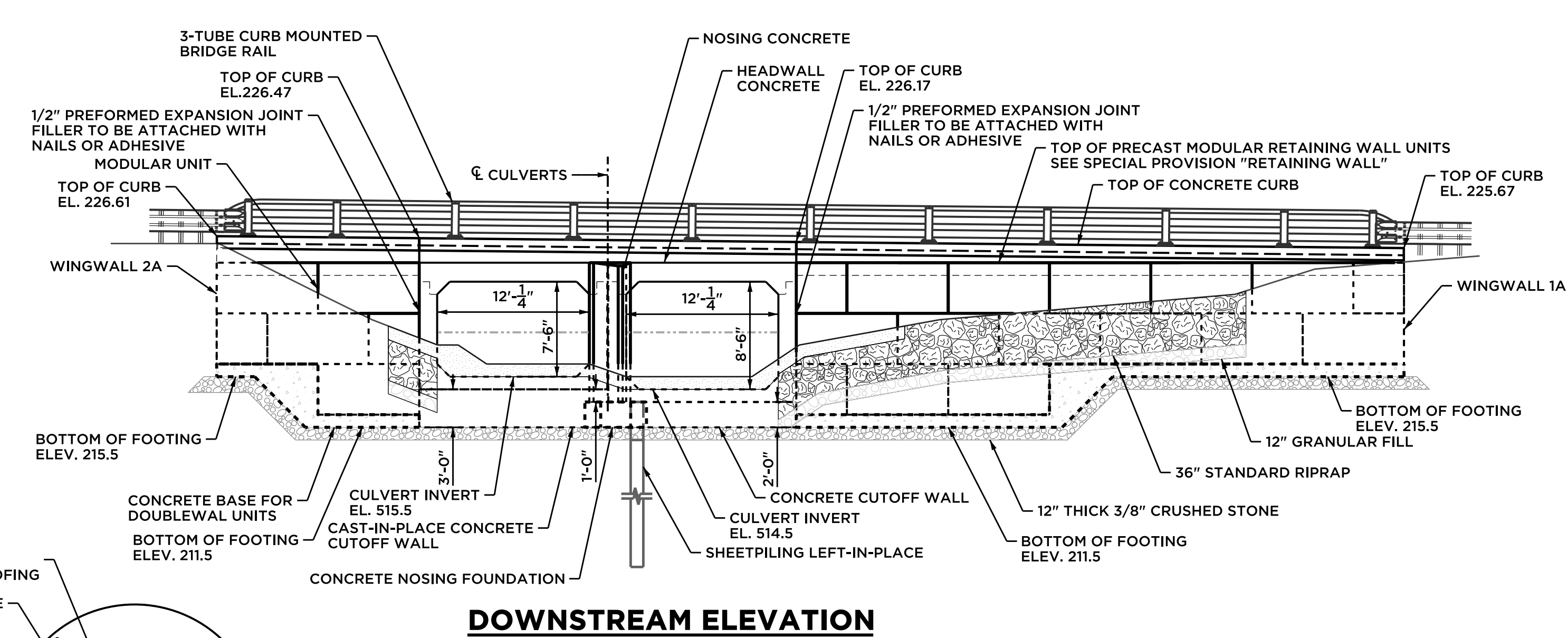
UPSTREAM LAYOUT



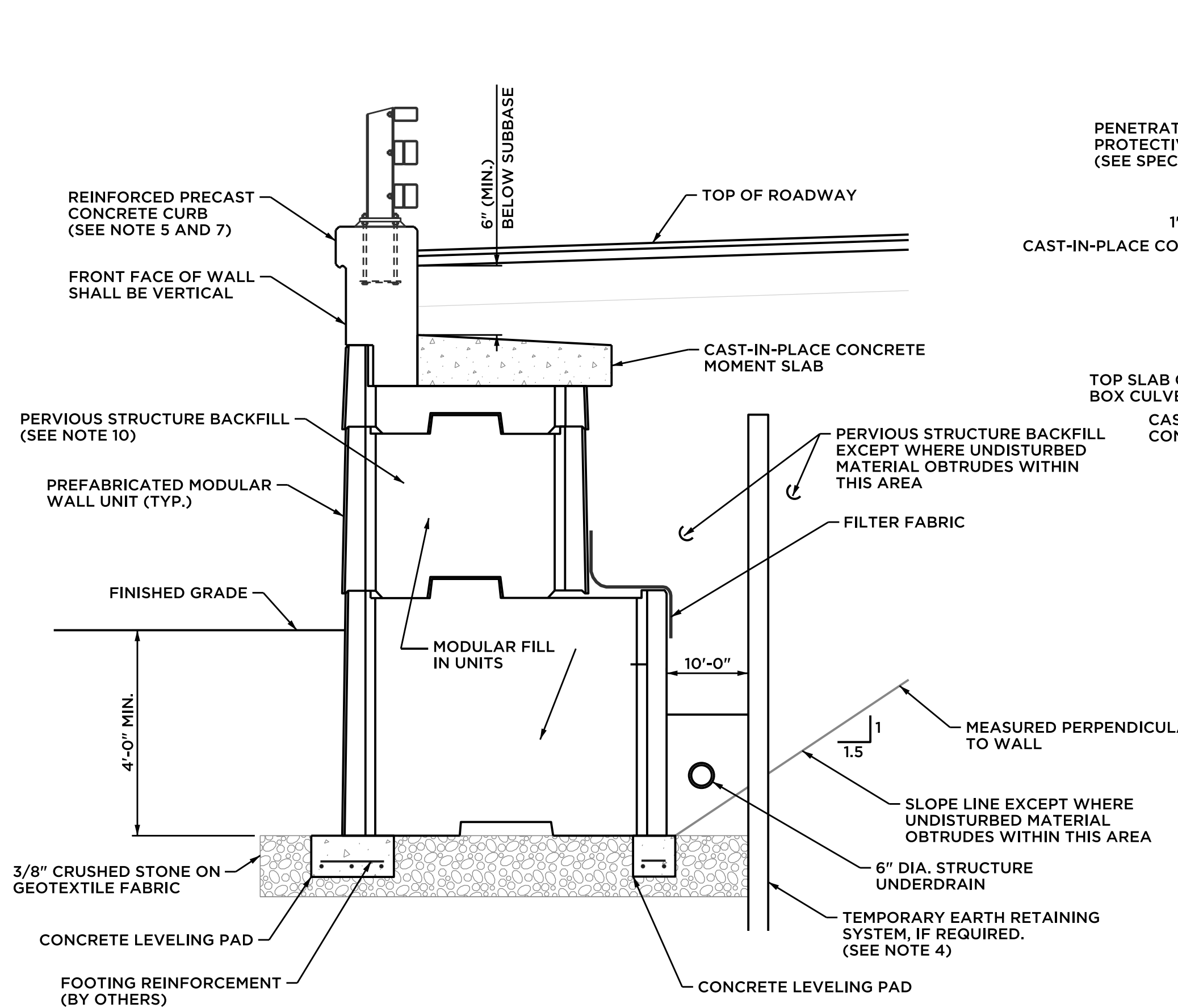
DOWNSTREAM LAYOUT



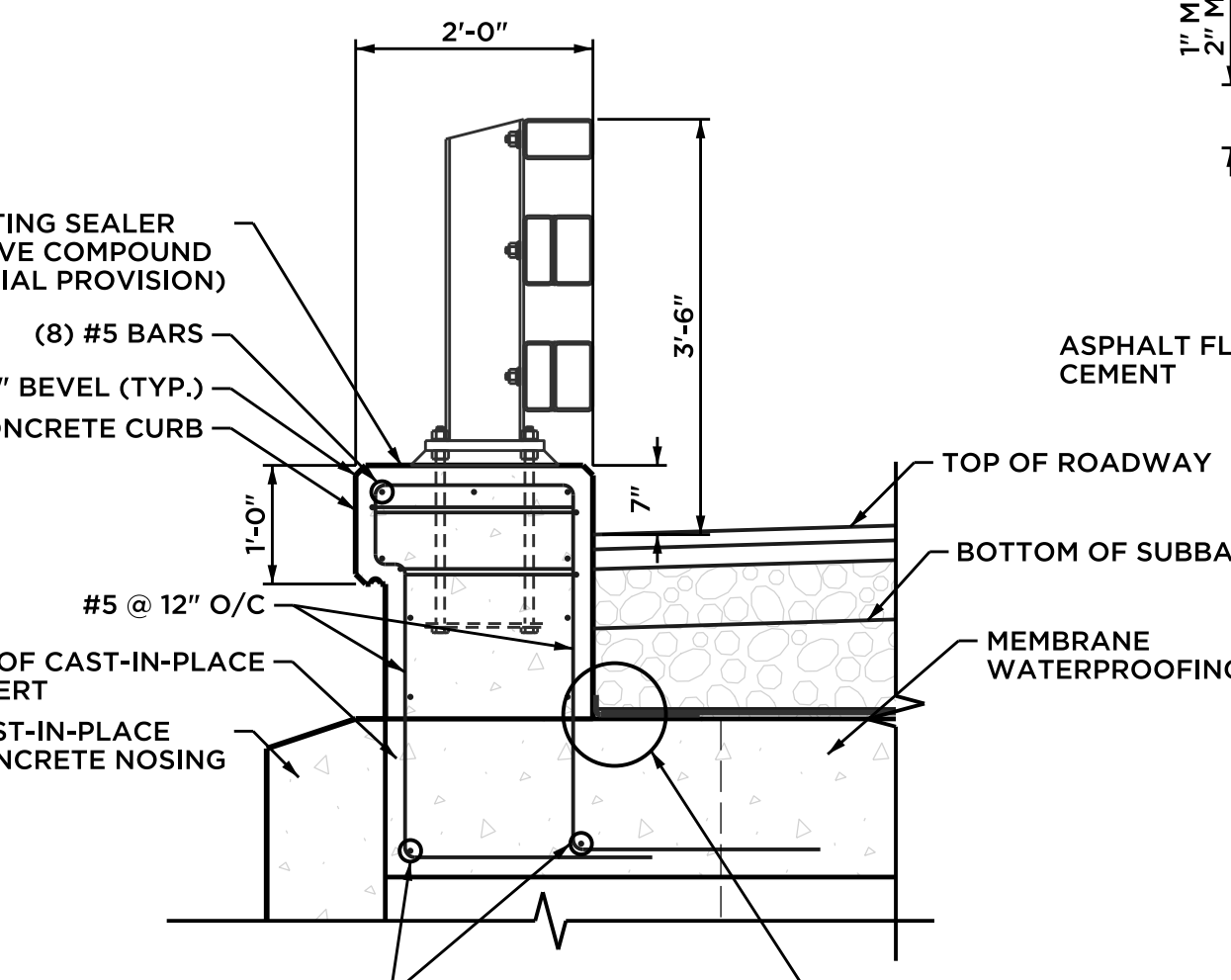
UPSTREAM ELEVATION



DOWNSTREAM ELEVATION

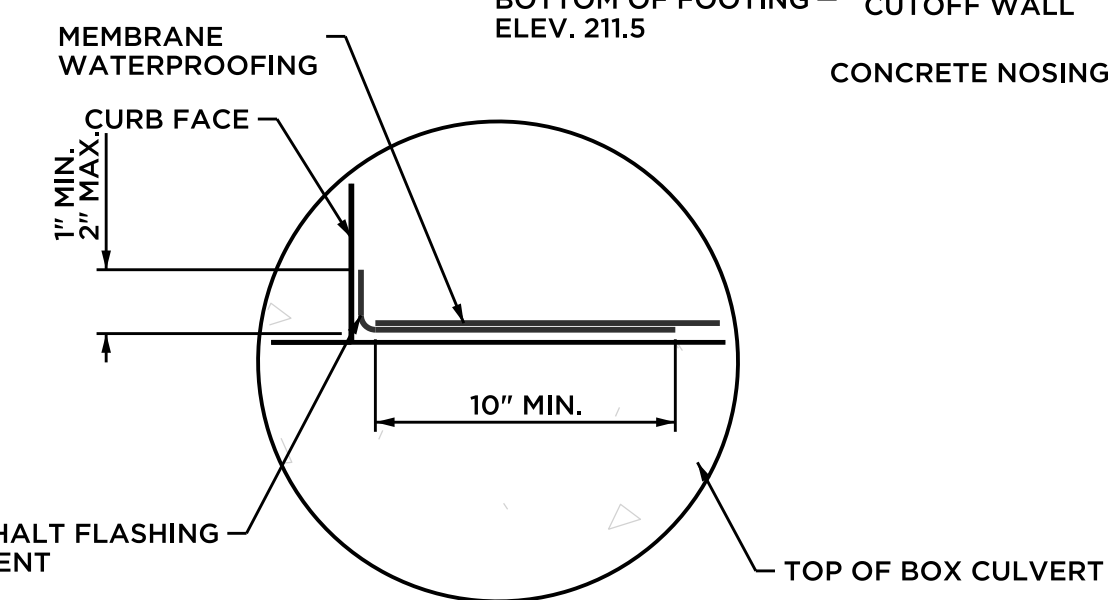


TYPICAL PROPRIETARY WINGWALL DETAIL

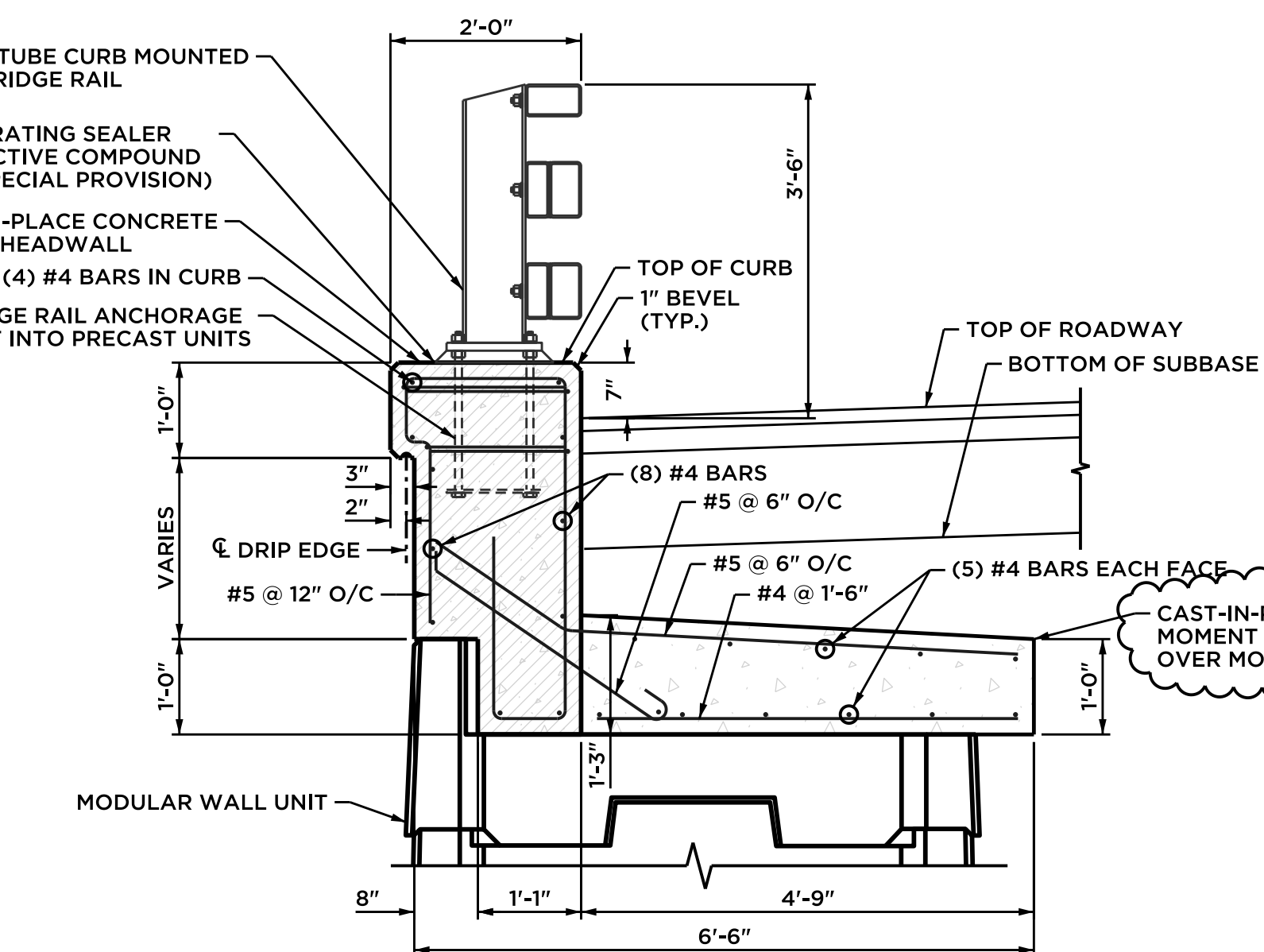


CAST-IN-PLACE CURB ON CULVERT SECTION A-A

- PROPRIETARY WALL NOTES**
- THE CONTRACTOR SHALL SELECT, DESIGN, AND CONSTRUCT ONE OF THE FOLLOWING WALL OPTIONS IN ACCORDANCE WITH THE SPECIAL PROVISION "RETAINING WALL (SITE NO. 1)"
 - DOUBLEWALL UNITS - UNITED CONCRETE PRODUCTS, INC
 - T-WALL UNITS - REINFORCED EARTH COMPANY
 - OR EQUAL. ANY PROPOSED SUBSTITUTIONS MUST MEET OR EXCEED THE SPECIFICATIONS OUTLINED IN SPECIAL PROVISION "RETAINING WALL (SITE NO. 1)". SUBMIT FOR APPROVAL PRIOR TO PROCUREMENT.
 - THE MAXIMUM FACTORED BEARING RESISTANCE (LRFD) = 6.75 KSF
 - VACANT
 - TEMPORARY EARTH RETAINING SYSTEM BELOW PAY LIMITS AND ANY TIEBACKS AND BRACING ASSOCIATED WITH SAME SHALL BE INCLUDED IN THE LUMP SUM COST OF THE WALL.
 - DETAILS SHOWN ON THIS SHEET ARE NOT SPECIFIC. THE CONTRACTOR'S DESIGNER SHALL MODIFY EACH SECTION FOR EACH SPECIFIC SITE.
 - LIGHT STANDARD ANCHORAGES, JUNCTION BOXES, AND RIGID METAL CONDUIT SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM "RETAINING WALL (SITE NO. 1)".
 - THE DETAILING AND REINFORCEMENT OF THE PARAPET SECTION, ABOVE THE GUTTER LINE SHALL BE AS SHOWN FOR THE PRECAST CONCRETE REINFORCED SECTION. SEE THIS SHEET FOR ADDITIONAL DETAILS.
 - REINFORCING TO HAVE 2" COVER EXCEPT WHERE SHOWN OTHERWISE.
 - ALL DIMENSIONS ARE SPECIFIED WITH THE APPLICABLE UNITS OF MEASUREMENT.
 - ANY ADDITIONAL PERVIOUS STRUCTURE BACKFILL REQUIRED OUTSIDE THIS LIMIT SHALL ALSO BE INCLUDED IN THE LUMP SUM PRICE.



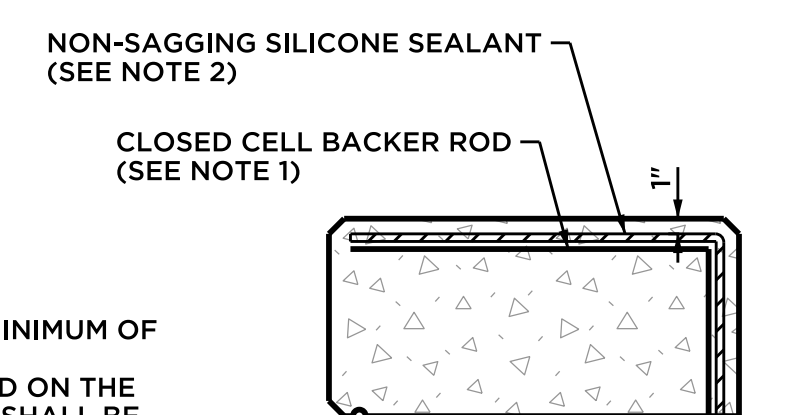
TREATMENT OF MEMBRANE WATERPROOFING AT CURB



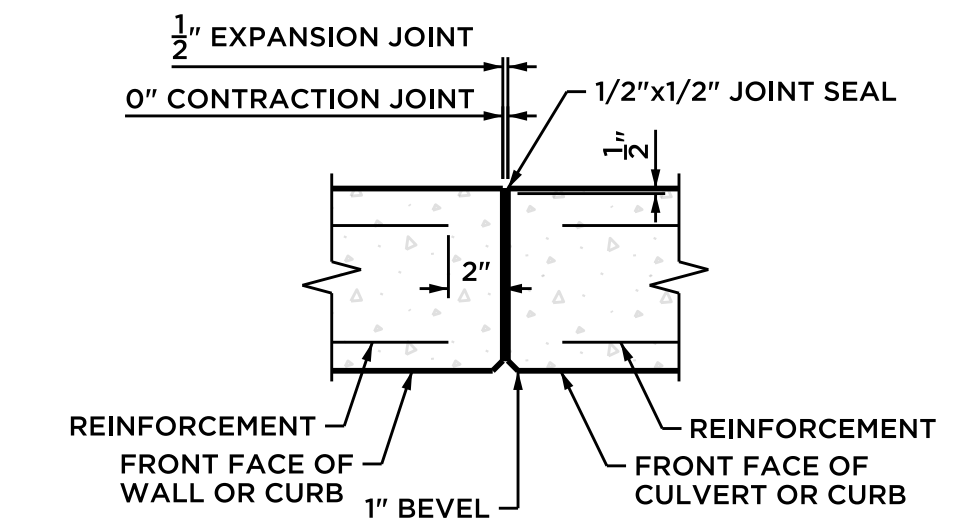
CURB/MOMENT SLAB ON WINGWALL SECTION B-B

CURB NOTES:

- THE CLOSED CELL BACKER ROD SHALL BE PLACED A MINIMUM OF 2" FROM THE OUTSIDE FACE OF CURB.
- THE NON-SAGGING SILICONE SEALANT SHALL BE PLACED ON THE BACKER ROD 1/2" THICK. AT THE GUTTER, THE SEALANT SHALL BE PLACED FLUSH WITH THE OUTSIDE FACE OF CONCRETE.
- PRIOR TO INSTALLING THE SILICONE SEALANT, CLEAN JOINT SIDES BY SAND BLASTING. DUST SHALL BE REMOVED BY THE METHOD APPROVED BY THE ENGINEER.
- APPLY PENETRATING SEALER PROTECTIVE COMPOUND ON EXPOSED CURB SURFACES.



CONCRETE CURB JOINT DETAIL



VERTICAL STEM JOINT DETAILS

Barton & Loguidice
 Civil Engineering • Environmental Consulting • Land Surveying • Construction Management

41 Sequin Drive
 Glastonbury, CT 06033
 Phone: (860) 633-9370
 Fax: (860) 633-5971
 www.bandct.com

PROJ. ENGINEER: KBF
 PROJ. MANAGER: KBF
 OFFICE REVIEW: MMZ

REVISIONS

ADD 1	03/26/25
-------	----------

REPLACEMENT OF QUARRY RD BRIDGE
 PREPARED FOR
 TOWN OF SUFFIELD
WINGWALL DETAILS

QUARRY ROAD SUFFIELD, CT

PROJECT: 3157-31 DATE: 03/05/25 SHEET NO. 8 OF 13

SCALE: AS NOTED