

**MATTABASSETT DISTRICT
ADDENDUM RECEIPT CONFIRMATION SHEET**

DATE: MAY 19, 2022

PAGES: 15

PROJECT NAME: PRIMARY SEDIMENTATION BASIN NO.1 – SCUM SKIMMER SYSTEM
UPGRADE PROJECT

SUBJECT: **ADDENDUM NO. 1**

****REQUIRED****

TO CONFIRM RECEIPT OF THIS ADDENDUM PLEASE SIGN THIS CONFIRMATION SHEET
AND FAX TO (860)635-7290, OR EMAIL TO Kbober@mattdist.org, and ebrousseau@mattdist.org

THANK YOU

NAME _____

TITLE _____

SIGNATURE _____

COMPANY _____

ADDENDUM NO. 1
TO
BIDDING AND CONTRACT
REQUIREMENTS AND SPECIFICATIONS
FOR THE
THE MATTABASSETT DISTRICT, CROMWELL, CONNECTICUT
PRIMARY SEDIMENTATION BASIN NO.1 – SCUM SKIMMER SYSTEM UPGRADE
PROJECT – BID# 2022-26
WP PROJECT NO. 20950B

05/19/2022



PREPARED BY:
WRIGHT-PIERCE
169 MAIN STREET
700 PLAZA MIDDLESEX
MIDDLETOWN, CT 06457
PHONE: 860.343.8297 | FAX: 860.343.9504

**THE MATTABASSETT DISTRICT, CROMWELL, CONNECTICUT
PRIMARY SEDIMENTATION BASIN NO.1 – SCUM SKIMMER SYSTEM UPGRADE
PROJECT – BID# 2022-26**

ADDENDUM NO. 1

WP PROJECT NO. 20950B

A mandatory pre-bid conference was held on May 12th, 2022, at 10:00 AM. A copy of the Prebid Meeting Agenda and sign-in sheet are attached.

As a point of clarification, the Contract Documents govern all aspects of the project. Discussions held during the Pre-Bid Conference or over phone or email are informal and informational only.

All official changes to the Contract Documents are made only by addenda. The following changes and additional information are hereby made a part of the Contract Documents:

A. SPECIFICATIONS

1. **DELETE** Bid Proposal Form and **REPLACE** with bid form attached with this addendum to include Item # 3 Bid Alternate A “Installation of Fall Protection Connection System - Removal and Reinstallation of Rollup Doors”.

2. Specification Section 01150A **AFTER** 1.9-Description of Pay Items; Item No. 2, 001380 **ADD** the following:

Item No. 3: Bid Alternate A- Installation of Fall Protection Connection System – Removal and Reinstallation of Rollup Doors

A. Method of Measurement:

1. Lumpsum

B. Basis of Payment:

1. Payment in lumpsum shall be full compensation for furnishing all labor, material, tools, and equipment required for removal and reinstallation of rollup doors to install (5) fall protection connection system as shown on the drawings.

B. DRAWINGS

3. **DELETE** Drawing sheets PR-2, PR-3 and PR-5 and **REPLACE** with sheets attached in this addendum to include Item # 3 Bid Alternate A “Installation of Fall Protection Connection System - Removal and Reinstallation of Rollup Doors”.

C. QUESTIONS AND ANSWERS

Questions from the Contractors received to DATE are as follows:

KOVACS CONSTRUCTION CORPORATION MAY 2nd, 2022

1. *Q: Is the project exempt for State of Connecticut sale tax? If yes will Mattabassett District provide copies of the form?*
A: Yes, the project is exempt from State of Connecticut sales tax. A form will be provided to the lowest bidder once the project is awarded. See attached W-9 form (also included in the Districts front-end documents).
2. *Do we need to include in our bid Building permit fees for the town of Cromwell?*
A: Yes, Contractor is responsible for obtaining and paying for all permits related to this work.
3. *Painting (09900) Do we need to paint the new electrical conduits?*
A: *Painting of electrical conduits is not required.*

D. QUESTIONS FROM PRE-BID MEETING. May 12th, 2022

4. *Can Cyber Liability Insurance coverage be waived?*

A: The SI/AESS provider (NIC Systems Incorporation, Cromwell, CT) will be required to carry the Cyber Liability Insurance coverage for this project. However, General Contractor shall purchase and maintain insurance for all other remaining coverages/limits as per the Bid Contract Documents issued for this contract. NIC Systems has confirmed that they have the coverage required by the Contract – General Stipulations.

5. *The work associated with installation of the retractable safety hooks requires that Contractor hire Overhead Doors for removal and replacement of the rollup doors to install the new safety hooks. Have other less extensive options been considered as work associated with removal and replacement of roll up doors will be expensive?*

A: The work associated with removal and reinstallation of rollup doors for installation of new the (5) retractable safety hooks has been included by this Addendum as part of Bid Alternate A, Item # 3.

Bidders shall submit a Bid on a lump sum basis for each lump sum item for the base Bid and include a separate price for the alternate as provided for in the Bid Form. The price for the bid alternate will be the amount added to or deleted from the base Bid if Owner selects the alternate. The Bid Alternate may or may not be part of the basis of award however, if the Owner elects to proceed with this work, the contractor shall make all modifications to the Work required in furnishing and installing the selected

Alternative to the approval of the Engineer at no additional cost to the Owner other than as proposed on the Bid Form.

END OF ADDENDUM NO. 1

Attachments Follow:

- Agenda and Sign In Sheet
- W-9
- Bid Proposal Form
- Contract Dwgs PR- 2, PR-3, and PR-5

Date: 5/12/2022

Project Name: The Mattabassett District, Cromwell, CT
Primary Sedimentation Basin No.1 – Scum Skimmer System Upgrade Project

Document: Agenda

1.1 Identifications:

Owner Name: The Mattabassett District
Address: 245 Main Street, Cromwell, CT 06416
Phone: 860 635 5550
Contact: Arthur G. Simonian, PE Executive Director
Michelle Ryan, PE District Engineer
Mike Manfre, Operations Manager
Bill Adkins, Maintenance Manager

Engineer: Name: Wright-Pierce (Prashanth Emmanuel, PE - Project Manager)
Address: 169 Main Street Middlesex Plaza 700, Middletown, CT 06457
Phone: 203 606 9747
Contact: Prashanth.emmanuel@wright-pierce.com

1.2 Objectives:

- A. The purpose of the Pre-Bid Conference is to answer questions from potential bidders relating to the contract documents.
- B. This Pre-Bid Conference is mandatory; prospective Bidders shall sign the attendance sheet if they want their bid to be accepted. This attendance sheet will be attached to the next issued addenda.
- C. It is extremely important to note that bids must be based solely on information contained in the contract documents, including any addenda. Nothing stated in this meeting modifies the contract documents unless it is followed up in the context of an Addendum to the contract documents. Oral statements may not be relied upon and will not be binding or legally effective.
- D. Description of Work
- E. Owner Coordination

1.3 There have been no addenda issued to date for this project. An addendum is expected to follow this meeting.

1.4 The location of this project is the Mattabassett District Water Pollution Control Facility, located at 245 Main Street in Cromwell, CT. The work is summarized in Section 01010A of the specifications

1.5 The project is expected be funded in by the Owner.

1.6 Bids shall be submitted in accordance with the Instructions to Bidders and shall include the following attachments:

- A. Confirmation of all addenda (Contractor is responsible for ensuring that all addenda have been reviewed.)
- B. Completed Bid Form (including Bidders Qualification Statement, Affirmation of Bidders
- C. Bid Bond (5% of total bid)

- D. Acknowledgement of Surety Company
 - E. Non-Collusion Affidavit
 - F. Performance, labor, and Materials Payment Bond.
- 1.7 The following Filed Sub-bids are required for this work:
- A. Electrical
- 1.8 Bid Opening:
- A. General Contractor bid opening is schedule for June 2nd, 2022, at 2 pm.
 - B. Sealed bids will be received at the (Administrative Building) Mattabasset District Water Pollution facility at 245 Main Street, Cromwell, CT. 06461. Bids will be publicly opened and read aloud.
- 1.9 The Bid Forms includes 2 Bid Items. All Bid Items must be included in the Bid. The Basis for Award is the Total Bid (Bid Item No 1 + Bid Item No 2). Bid Item No. 2 includes a price for SCADA System Integrator/AESS Services provided by NIC Systems Corporation – Cromwell, CT.
- 1.10 The contract, if awarded, will be awarded to the lowest responsible bidder within 30 days (June 30th, 2022) of the Bid Opening. The Owner has the right to refuse any and all bids. Notice of Intent to Award will be sent to the low bidder following review of the Contractor's bids, qualifications and banking standings. Performance and Payment Bonds, Insurance Certificates and Agreement must be submitted for approval within 10 days after the Notice of Award is issued. The Owner, within 10 days of receipt of acceptable Performance Bond, Payment Bond and Agreement signed by the party to whom the agreement was awarded, shall sign the Agreement and return to such party an executed duplicate of the Agreement. Notice to Proceed will be issued within 10 days of the execution of Agreement by Owner.
- 1.11 Contractor shall be responsible for obtaining all necessary construction permits (building, electrical, etc.).
- 1.12 Bidders wishing to complete any additional site visits should coordinate with the Mattabasset District: Michelle Ryan, (860) 635-5550. mryan@mattdist.org
- 1.13 Bidders should familiarize themselves with the project scope and sequencing requirements. General restrictions related to construction sequencing are discussed in Section 01010A (Summary of Work) and Section 01150A (Measurement and Payment). A construction-sequencing plan must be prepared by the Contractor for review and approval of the Owner and Engineer. The Contractor must maintain operation of the facility and maintain the required degree of treatment at all times during construction.
- 1.14 Engineer is providing a part time Representative during construction.
- 1.15 Owner is paying for material testing. Refer to Section 01400. A materials testing firm has not yet been selected.
- 1.16 Contractor is responsible for layout of all work.
- 1.17 The location and limits of all staging areas, on-site work, and storage areas shall be reviewed/coordinated with, and acceptable to, the Owner and Engineer.
- 1.18 Contract Time Completion dates are provided below:
- A. Final Completion: 243 Calendar Days (February 28th, 2023); \$1,000/day liquidated damages

- 1.19 Submittals – Refer to Section 01340
 - A. Submittals will be electronic.
 - B. After submittals are completed, 3 paper copies shall be submitted for record purposes.

- 1.20 Special Requirements
 - A. NA

- 1.21 Sole Source Items
 - A. Skimmer System - Brentwood Industries, Inc (Polychem)
 - B. Motor Control Centers (Square D- Schneider Electric)

- 1.22 Prevailing Wage Rates
 - A. Heavy/Highway Construction wage is applicable

- 1.23 Bid/Project Questions
 - A. Email questions to Emmanuel (Wright-Pierce)
 - B. Cutoff date for questions is May 25th, 2022 (4 working days prior to bid opening). Final Addenda will be issues no later than May 27th, 2022.

- 1.24 Questions
 - A. Contractors
 - B. District

- 1.25 Site Tour

PRIMARY SEDIMENTATION BAISO NO.1 SCUM SKIMMER SYSTEM UPGRADE – THE MATTABASETT DISTRICT, CROMWELL, CT
 PRE-BID CONFERENCE SIGN-IN-SHEET
 BIDS DUE DATE/ TIME: 5/12/2022, AT: 2.00 PM TIME

Name	Organization Name	Phone Number	Email
Prashanth Emmanuel	Wright-Pierce	860 852 1907	Prashanth.emmanuel@wright-pierce.com
Adam Bisson	C.H. Nickerson	860-489-0455	abisson@chnickerson.com
Darrd Allen	Kovacs Const Corp	203-293-4022	dallen@kococo.com
Jim Nasuta	EESC	860 621 9657	jnasuta@eesc-ct.com
Vishwa Raval	Wright-Pierce	860-852-1916	vishwa.raval@wright-pierce.com
Arthur Simonian	Mattabasett	635-5550	ASIMONIAN@mattdist.org
Bill Adkins	Mattabasett	860-342-5629	badkins@mattdist.org
Andrew Parchia	Matt	860-635-5550 x228	aparchia@mattdist.org

Please print legibly

W-9

Form W-9 (Rev. December 2014) Department of the Treasury Internal Revenue Service	Request for Taxpayer Identification Number and Certification	Give Form to the requester. Do not send to the IRS.
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1 Name (as shown on your tax return or other IRS-accepted information). Name is required on this form for electronic filing.

2 Business name (as recorded on any name, FIC, or other form from above)

3 Check appropriate box for federal tax classification (check only one of the following tax statuses):

<input type="checkbox"/> Individual taxpayer (sole proprietor or single-member LLC)	<input type="checkbox"/> C Corporation	<input type="checkbox"/> S Corporation	<input type="checkbox"/> Partnership	<input type="checkbox"/> Trust/beneficiary
<input type="checkbox"/> Limited liability company, limited liability partnership (LLC), or other entity treated as a partnership for tax classification purposes	Note: For a single-member LLC that is disregarded do not check LLC; check the appropriate box if the S corporation.			
<input type="checkbox"/> Other (see instructions)				

4 Exemption codes apply only to trusts with a trust agreement, trust instrument, or trust agreement (see instructions for details)

5 Address (number, street, and apt. or suite no.)

6 City, state, and ZIP code

7 EIN (tax ID number) (if any)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must include the name given on line 1 to avoid backup withholding. For example, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or a partnership, see the Part I instructions on page 3. For other entities, this is your employer identification number (EIN). If you do not have a number, see How to get a TIN on page 3.

Note: If the amount is more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number	EIN																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td></tr> </table>											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td><td style="width: 5%;"> </td></tr> </table>										

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me) and I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA concept entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must check box 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign this certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person Date

General Instructions

Station references are to the Internal Revenue Code unless otherwise noted.

Future developments. Includes an annual death benefit affecting Form W-9 and a list of an estate's other assets (see www.irs.gov/efile).

Purpose of Form

A Federal or foreign person (W-9 requester) who is required to file information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), or backup through the backup number (TIN), adoption taxpayer identification number (ATIN), or employee identification number (EIN), to report an information return that is required to you, or other correct reportable information return. Examples of information returns include:

- Form 1099-DIV (dividend income paid)
- Form 1099-INT (interest income paid)
- Form 1099-NEC (miscellaneous income from stocks or mutual funds)
- Form 1099-MISC for various types of income, prizes, awards, or gross proceeds
- Form 1099-B (broker or mutual fund sales and certain other transactions by broker)
- Form 1099-A (acquisition indebtedness)
- Form 1099-K (merchant card and third-party network transactions)

For 1998 Form 1099 (large interest), 1099-D (dividend income), 1099-T (taxable)

Form 1099-C (cancelled debt)

Form 1099-A (acquisition or abandonment of secured property)

The Form W-9 certifies you are a U.S. person (including a resident alien), so you are not required to file Form 1042 with the requester with a U.S. person you might be subject to backup withholding. See instructions for withholding on page 2.

By signing this form, you:

1. Certify that the TIN you are giving is correct, or you are willing to be treated like a trust.
2. Certify that you are not subject to backup withholding.
3. Claim exemption from backup withholding if you are a U.S. exempt person. If applicable, you are also certifying that, as a U.S. person, you are not the owner of any substantial amount from a U.S. trust or business that is subject to the withholding or foreign payment's share of effectively connected income.
4. Certify that FATCA (with) entered on this form (if any) indicating that you are aware of the FATCA reporting, if correct. See the FATCA reporting on page 2 for further instructions.

**THE MATTABASSETT DISTRICT
BID PROPOSAL FOR**

**PRIMARY SEDIMENTATION BASIN NO. 1 – SCUM SKIMMER SYSTEM UPGRADE
PROJECT
BID CONTRACT NO. 2022-26**

The undersigned hereby proposes to furnish The Mattabasset District, located at 245 Main Street, Cromwell, Connecticut, with labor, materials and equipment for the Scum Skimmer System (Sedimentation Basin No. 1), in accordance with the following:

Contractor to provide all necessary labor, materials for the complete installation of the automatic power skimmers, in accordance with the specified scope of work for the following lump sum price:

1. Bid Item No. 1 Primary Sedimentation Basin No.1 Scum Skimmer System Upgrade \$ _____ (LS)
2. Bid Item No. 2: SCADA System Integrator/AESS Services (NIC Systems Corporation – Cromwell, CT) \$ 61,500 (LS)
3. Bid Alternate A - Installation of Fall Protection Connection System – Removal and Reinstallation of Rollup Doors \$ _____ (LS)
4. Total Price \$ _____ (LS)

The undersigned has attached the following information to this Bid Proposal (The Mattabasset District reserves the right to award the Contract to the bidder that fully provides the following with the Bid). The Bid Price will be valid for 90 days.

The undersigned acknowledges receipt of the following ADDENDA:

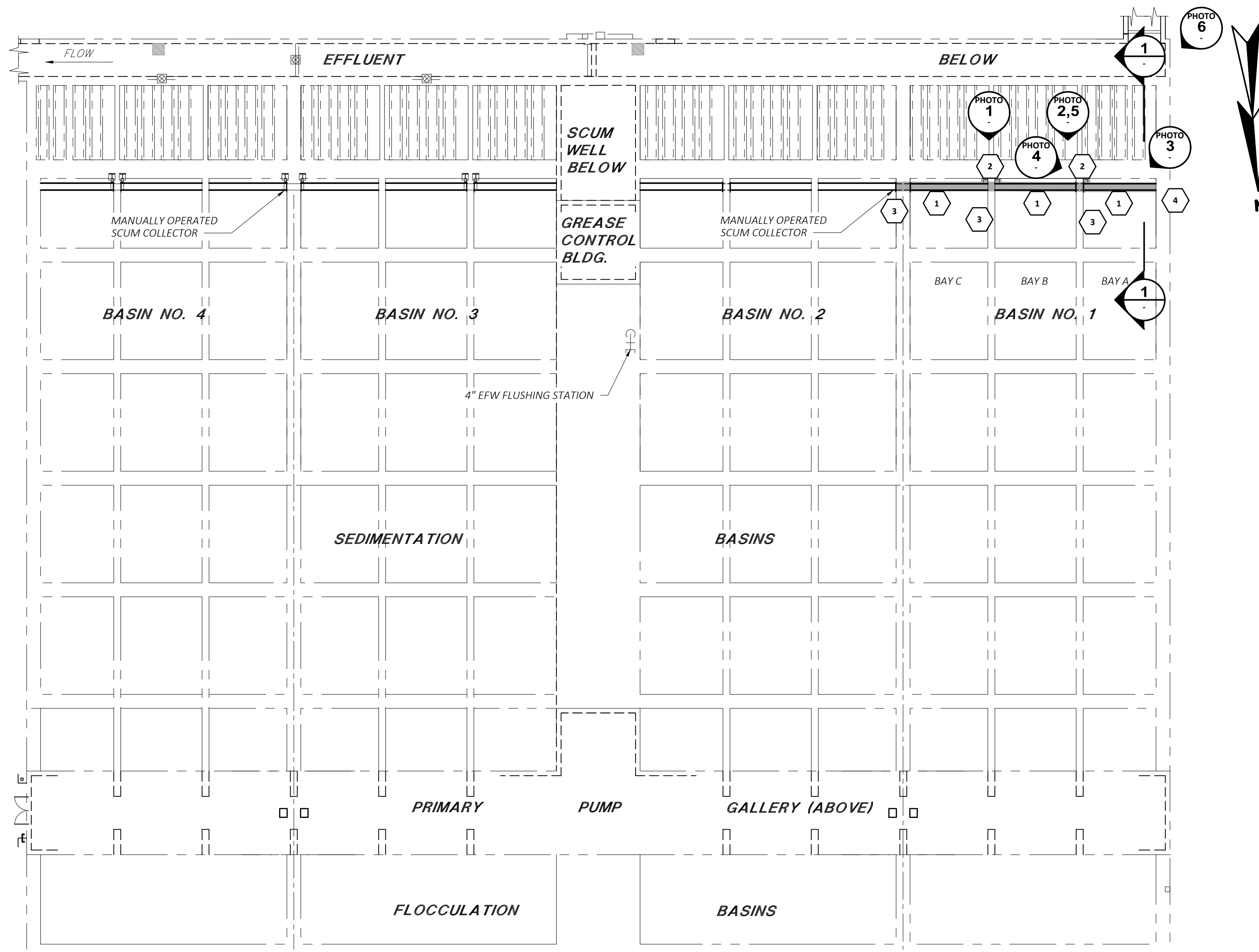
ADDENDUM # _____ DATE _____
ADDENDUM # _____ DATE _____

The undersigned agrees to commence WORK under this CONTRACT following The District's Notice to Proceed, and to fully complete the WORK in strict accordance with the CONTRACT DOCUMENTS **within two-hundred forty-three (243) calendar days from Monday, June 30, 2022, or no later than Monday, February 28, 2023.** As liquidated damages, the undersigned further agrees to pay the sum of one thousand dollars (\$1,000.00) FOR EACH CONSECUTIVE

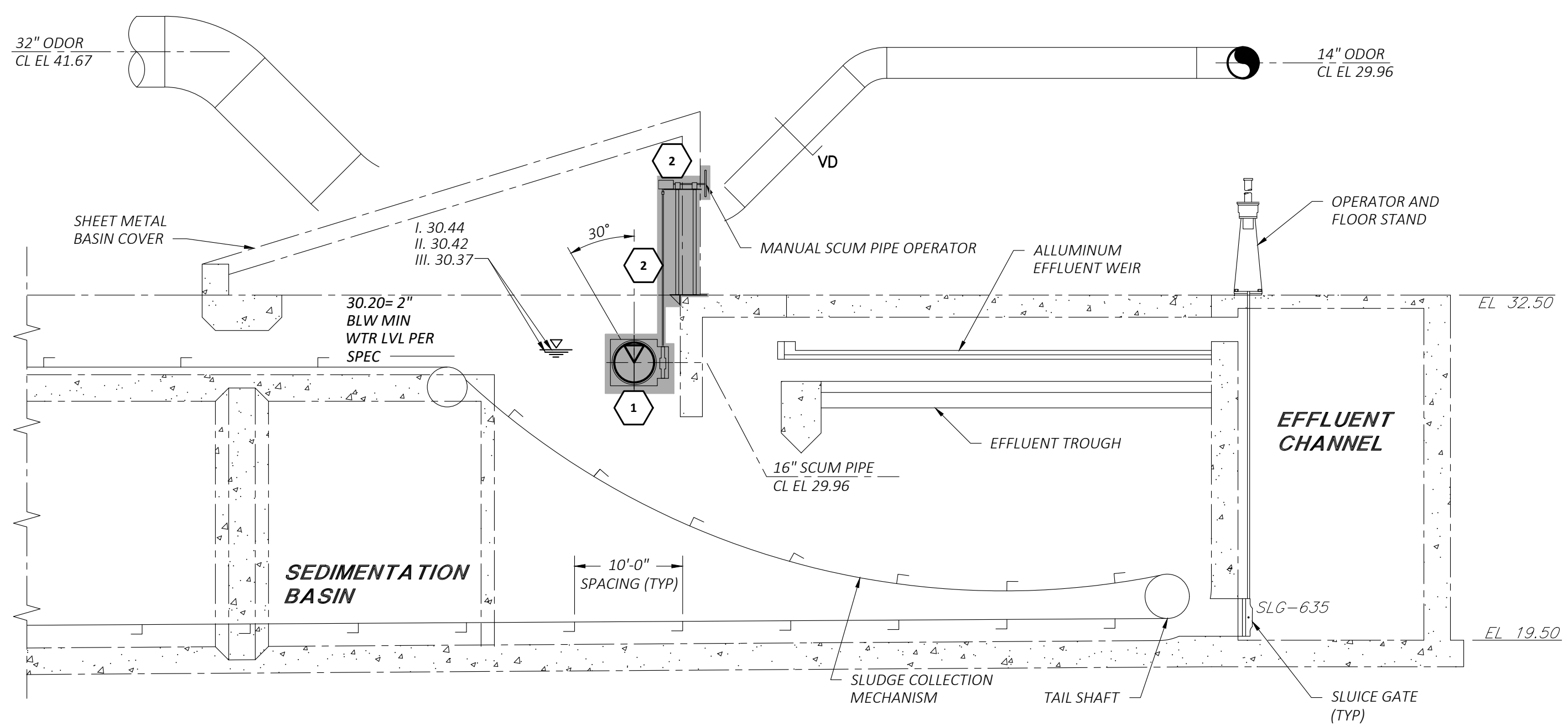
CALENDAR DAY FOLLOWING THE COMPLETION DATE THEREAFTER THAT THE WORK IS NOT FULLY COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS. The bid price fully reflects consideration of the time requirements contained herein and the extra costs associated with overtime, site conditions, weather, and availability of equipment and material that may be required to complete the CONTRACT within the time requirements contained herein.

Name of Bidder _____
Business Address _____

Business Telephone _____
Business Fax _____
Bidder's Signature _____
Print Name _____
Title _____
Date _____
Attest _____



SEDIMENTATION BASIN No.1 - DEMOLITION PLAN
SCALE: 1/16" = 1'-0"



SECTION 1
SCALE: 1/4" = 1'-0"
(SECTION IS TYPICAL OF BAYS A, B AND C)



PHOTO 1
SCUM TUBE HANDWHEEL ACTUATORS



PHOTO 2
SCUM TUBE HANDWHEEL ACTUATOR

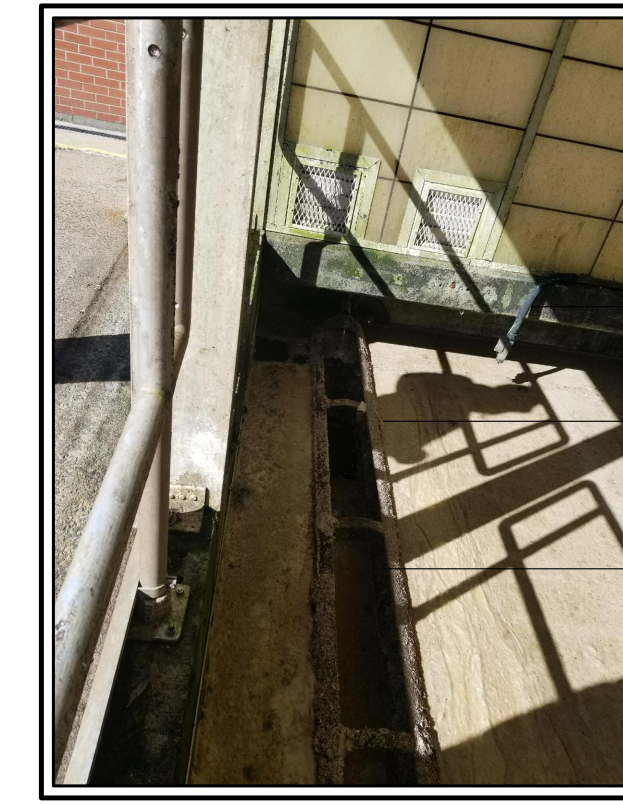


PHOTO 3
16" SCUM TUBE



PHOTO 4
16" SCUM TUBE



PHOTO 5
SCUM TUBE HANDWHEEL (TYP)



PHOTO 6
SEDIMENTATION BASIN No.1

NOTES:

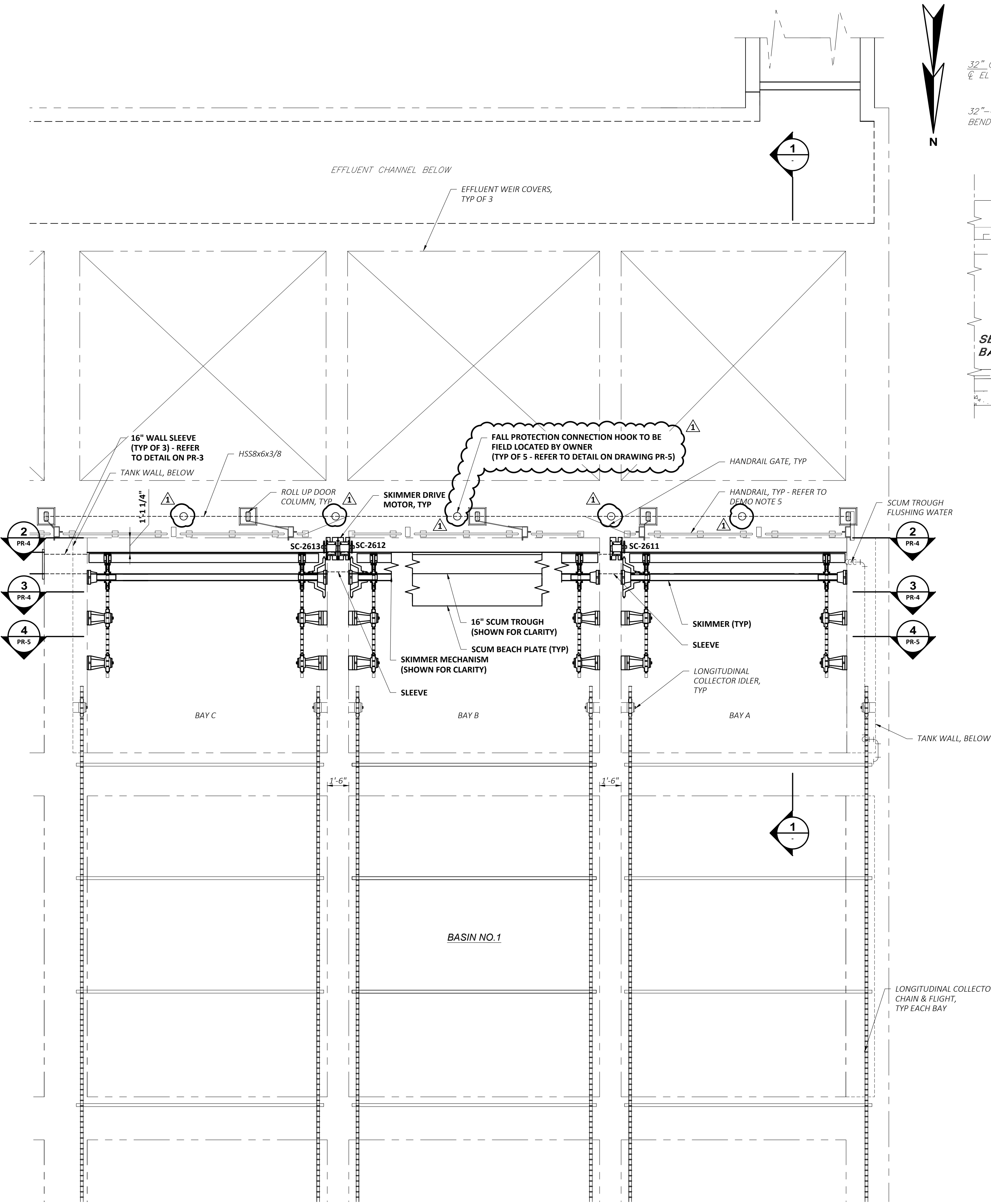
- FOR GENERAL NOTES AND DEMOLITION, REFER TO PR-1. FOR LEGEND AND ABBREVIATION REFER TO DRAWING PR-1
- CONTRACTOR TO NOTE A SCANNED IMAGE HAS BEEN USED. NOTE THAT CHANGES MAY HAVE BEEN MADE SINCE SCANNED RECORD DRAWINGS WERE PREPARED. IMAGES MAY NOT REFLECT ACTUAL FIELD CONDITIONS. IN SOME INSTANCES, THOSE EQUIPMENT, PIPING SYSTEMS, HAND RAILS, ROLL-UP DOORS, AND APPURTENANCES NOT SHOWN ON THE SCANNED IMAGES ARE SHOWN IN PHOTOGRAPHS WHERE NOTED. CONTRACTOR IS RESPONSIBLE TO EVALUATE ACTUAL FIELD CONDITIONS.
- CONTRACTOR TO MAINTAIN SCUM FLOW FROM BASIN No. 2 TO SCUM WELL WHEN WORK IS BEING PERFORMED IN BASIN No. 1 AND TO TAKE ALL NECESSARY MEASURES TO MINIMIZE FLOW OF SCUM FROM BASIN No. 2 TO BASIN No. 1 DURING INSTALLATION OF NEW SKIMMER SYSTEM.
- OWNER TO DRAIN AND CLEAN PRIMARY SEDIMENTATION BASIN No. 1 PRIOR TO START OF WORK TO ACCEPTABLE STANDARDS. CONTRACTOR SHALL FURTHER CLEAN TANK AREA WHERE NEW EQUIPMENT WILL BE INSTALLED (WALL & FLOOR) WITH HIGH PRESSURE STEAM CLEANING DEVICE PRIOR TO START OF WORK. CONTRACTOR SHALL PROVIDE OWNER WITH SUFFICIENT NOTICE PRIOR TO START OF WORK.

DEMOLITION NOTES:

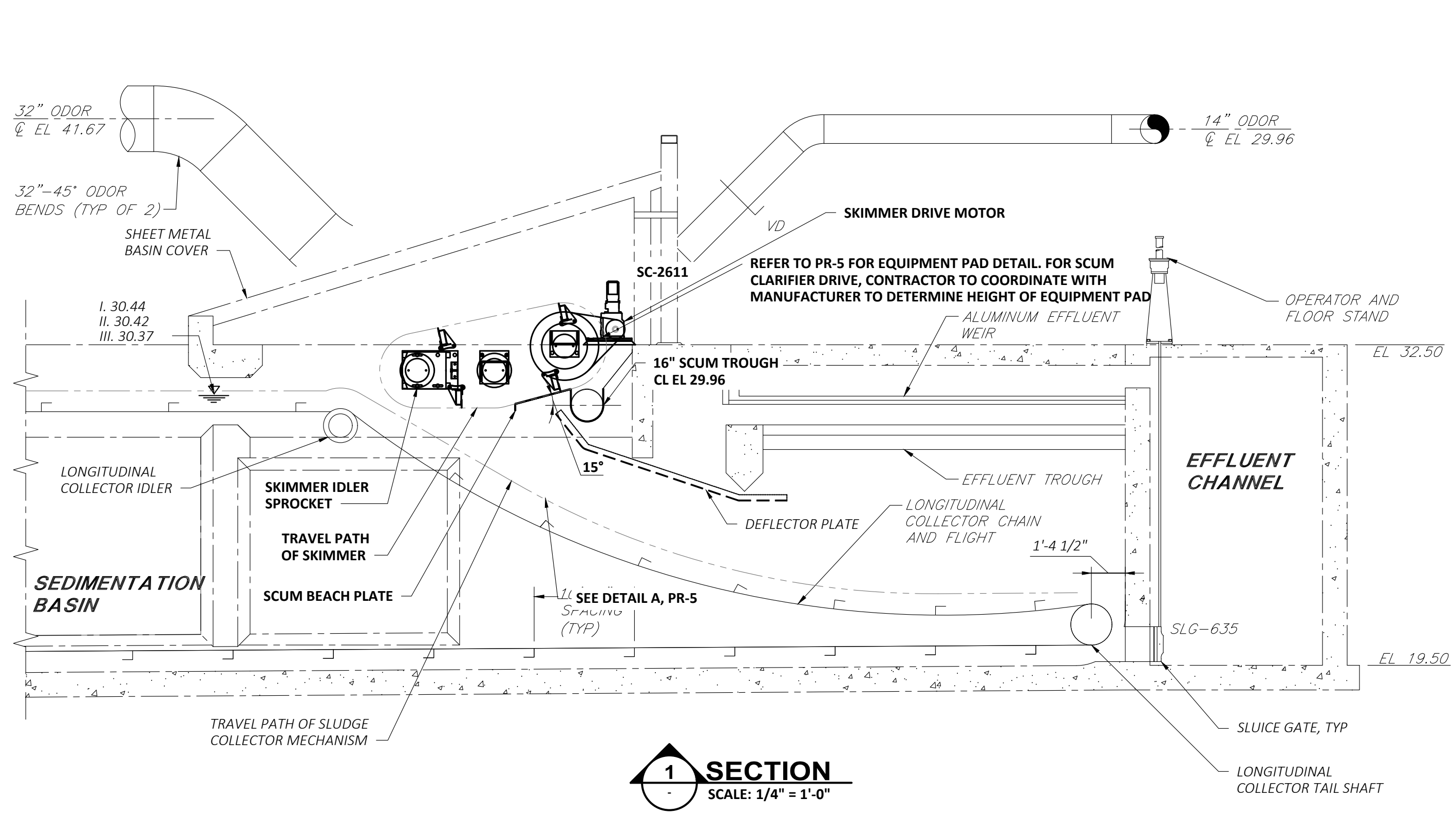
- REMOVE/DEMOLISH EXISTING 16-INCH CARBON STEEL SCUM PIPE IN ITS ENTIRETY IN ALL THREE BAYS OF BASIN No. 1 INCLUDING BUT NOT LIMITED TO WALL CONNECTOR, WALL SLEEVES, NEOPRENE WALL GASKET AND GREASE LINES AND ALL OTHER ASSOCIATED APPURTENANCES. REFER TO DETAIL ON DRAWING PR-5 FOR WALL SLEEVE REMOVAL AND REPLACEMENT DETAIL.
- REMOVE/DEMOLISH EXISTING SCUM TUBE ACTUATOR GEAR BOX STAND MOUNTING BRACKET, DRIVE UNIT, HANDWHEEL IN ITS ENTIRETY IN ALL THREE BAYS OF BASIN No. 1.
- FOR ADDITIONAL REQUIREMENTS: REFER TO SCOPE OF WORK ON ELECTRICAL DRAWINGS FOR CONDUIT DEMOLITION.
- CONTRACTOR TO REMOVE AND REINSTALL HANDRAIL AS NEEDED FOR INSTALLATION OF NEW DRIVES AND SKIMMER EQUIPMENT. CONTRACTOR TO PROVIDE TEMPORARY HAND GUARD WHENEVER WORKERS ARE NOT SPECIFICALLY WORKING IN THIS AREA.
- CONTRACTOR TO FIELD SURVEY ELEVATION OF EXISTING SCUM TUBE AND EXISTING PIPE SLEEVE PRIOR TO DEMOLITION WORK. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF FIELD SURVEY ELEVATIONS DIFFER FROM ELEVATIONS SHOWN ON THE CONTRACT.
- GENERAL CONTRACTOR TO REMOVE AND REINSTALL ROLL-UP DOORS, FASCIA AND FLASHING AS REQUIRED TO INSTALL FALL PROTECTION HOOKS.

SHEET CONTAINS BID
ALTERNATE "A"

PROJECT NO:	20950	DESIGNED BY:	P.EMMANUEL	APPD DATE:	P.EMM 05-22
CAD COORD:	B.STEFFEN	CHECKED BY:	C.KURTZ	ADDENDUM NO.1	
CAD:	B.STEFFEN	DATE:	APRIL 2022		
APPROVED BY:	P.EMMANUEL	DATE:	APRIL 2022		
SUBMISSION:	CONTRACT DRAWINGS				
WRIGHT-PIERCE 860.343.8297 www.wright-pierce.com 169 MAIN STREET, 700 PLAZA, MIDDLETOWN, CT 06457					
THE MATTABASSETT DISTRICT CROMWELL, CONNECTICUT PRIMARY SEDIMENTATION BASIN NO.1 PRIMARY SCUM SKIMMER SYSTEM UPGRADE SEDIMENTATION BASIN NO.1 DEMOLITION PLAN & SECTION					
DRAWING					PR-2



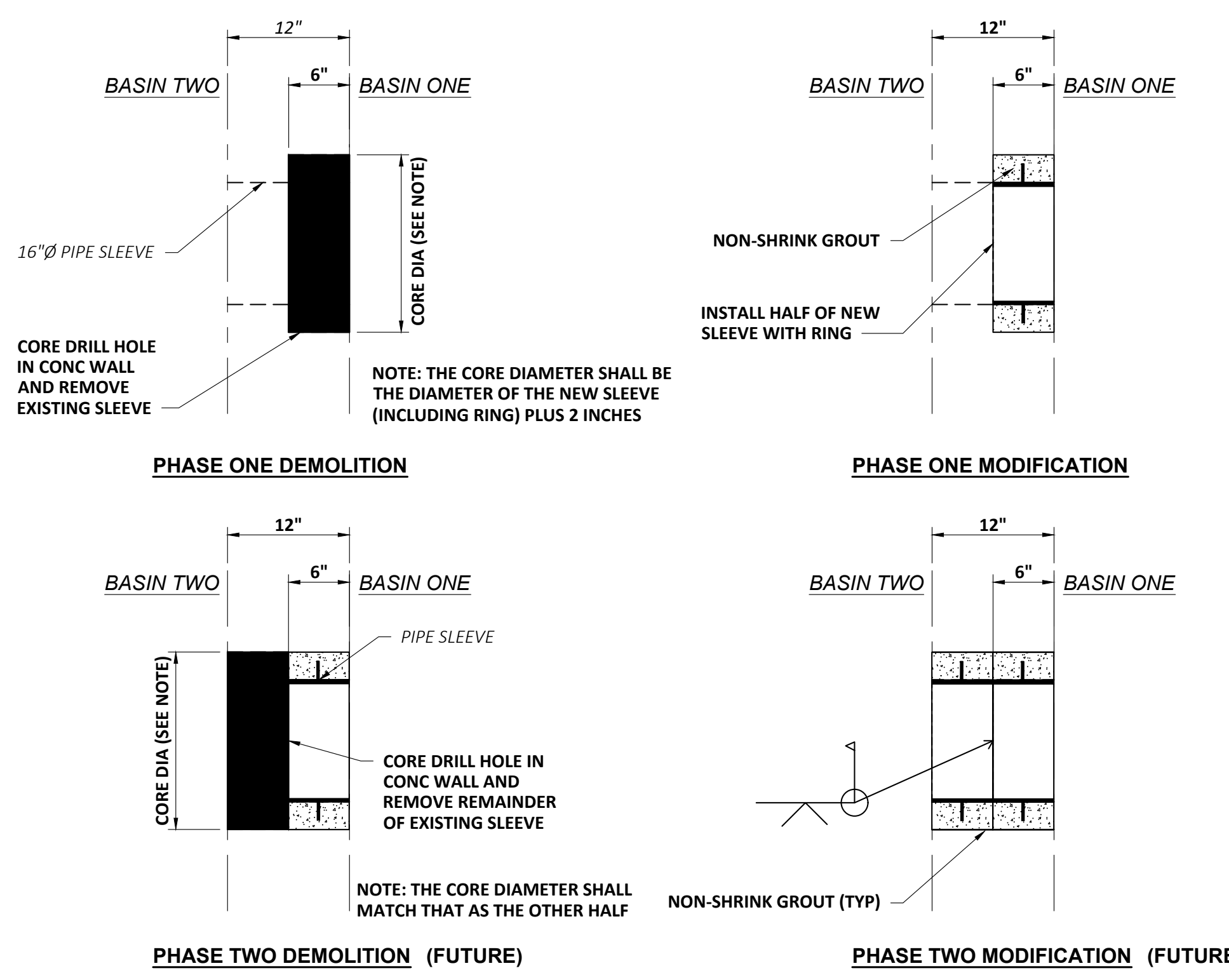
SEDIMENTATION BASIN No.1 - MODIFICATIONS PLAN
SCALE: 1/4" = 1'-0"



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

NOTES:

- FOR PROCESS GENERAL AND DEMOLITION NOTES, REFER TO PR-1. FOR LEGEND AND ABBREVIATION REFER TO DRAWING PR-1.
- NEW CONDUIT SHALL NOT BE INSTALLED ON THE EXISTING HANDRAIL.
- REFER TO PR-1 FOR WATER ELEVATION IN TANKS.
- MANUFACTURER TO DESIGN, DETAIL, FABRICATE AND PROVIDE ALL MOUNTING BRACKETS AND ANCHORAGES FOR SCUM SKIMMER EQUIPMENT. CONTRACTOR SHALL FIELD COORDINATE WITH SKIMMER MANUFACTURER TO ENSURE MANUFACTURER HAS ALL EXISTING INFORMATION REQUIRED (E.G. DIMENSIONS, ELEVATIONS, ETC...) REFER TO PR-5.
- CONTRACTOR TO PROVIDE GROUTING BEHIND IDLER STUB SHAFTS, HEAD SHAFTS SPINDLES AND RETURN TRACK WALL BRACKET AS REQUIRED PER MANUFACTURER.
- DO NOT SCALE DISTANCE OR DIMENSIONS FROM DRAWINGS. WRITTEN DIMENSIONS SHALL PREVAIL. CONTRACTOR TO FIELD MEASURE AND REPORT ANY DISCREPANCIES IMMEDIATELY TO ENGINEER.
- CONTRACTOR TO MATCH THE INVERT ELEVATION OF THE NEW SCUM TROUGH WITH THE INVERT ELEVATION OF NEW SLEEVES.
- PROVIDE CONTINUOUS ALUMINUM OR GALVANIZED SHIMS BETWEEN THE TOP OF THE CMU WALL AND UNDERSIDE OF CONCRETE SLAB TO PROVIDE POSITIVE BEARING BETWEEN THE SLAB AND WALL.



SLEEVE REPLACEMENT DETAIL
NTS

NOTE: DETAIL IS REQUIRED IN THE COMMON WALL BETWEEN BASINS 1 AND 2. THE WORK FROM BASIN ONE (LABELED AS PHASE ONE) IS PART OF THIS PROJECT AND THE WORK FROM BASIN TWO (LABELED AS PHASE TWO) IS FUTURE WORK AND IS SHOWN INFORMATION ONLY.

PROJECT NO:	20950
DESIGNED BY:	P.EMMANUEL
CAD COORD:	B.STEFFEN
CAD:	B.STEFFEN
CHECKED:	C.KURTZ
DATE:	APRIL 2022
APPROVED:	P.EMMANUEL
DATE:	APRIL 2022
SUBMISSION:	CONTRACT DRAWINGS

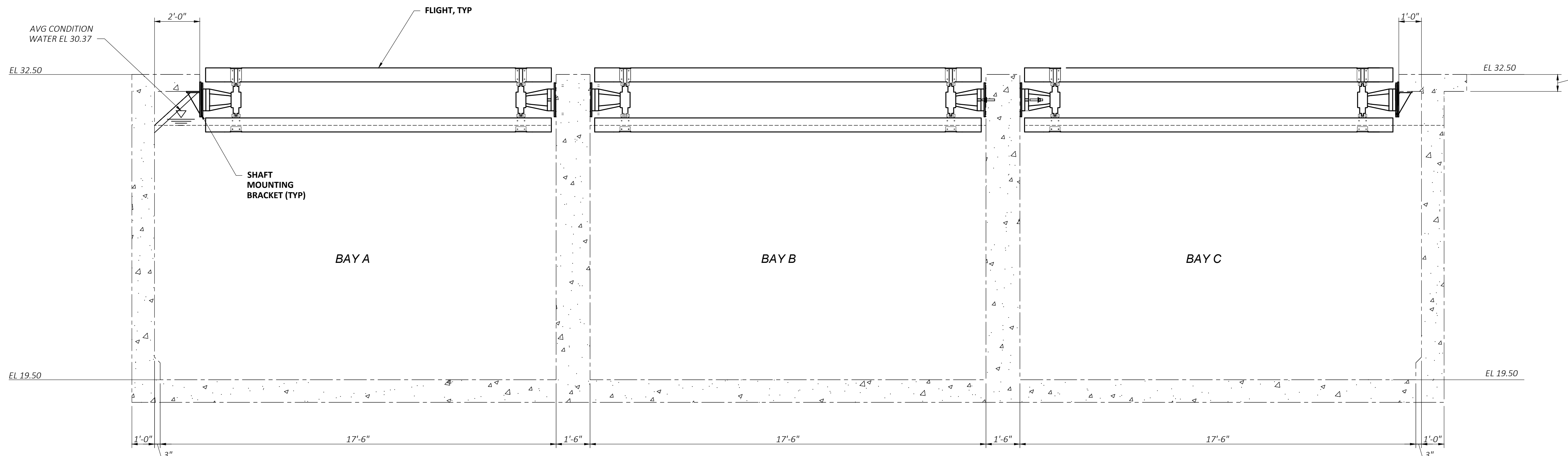
NO.	REVISIONS
1	ADDENDUM NO.1
2	
3	
4	
5	

APPD DATE	P.EMM	05-22
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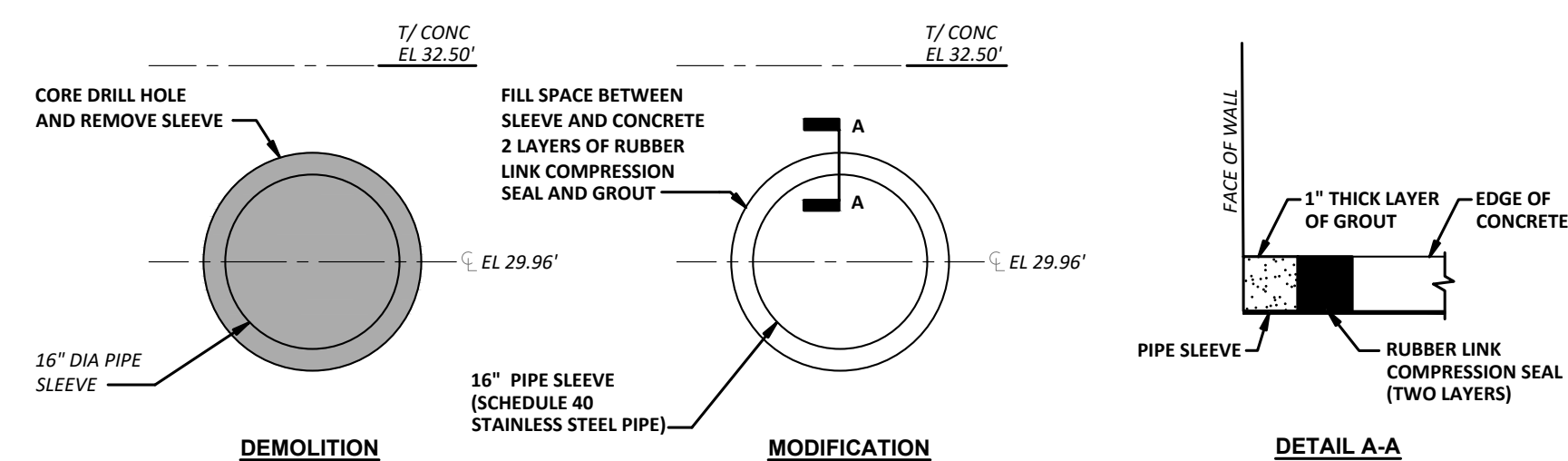
THE MATTABASSETT DISTRICT CROMWELL, CONNECTICUT PRIMARY SEDIMENTATION BASIN NO.1 PRIMARY SCUM SKIMMER SYSTEM UPGRADE	860.343.8297 www.wright-pierce.com 189 MAIN STREET, 700 PLAZA, MIDDLETOWN, CT 06457
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SEDIMENTATION BASIN NO.1 MODIFICATIONS PLAN & SECTION	DRAWING PR-3
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SHEET CONTAINS BID
ALTERNATE "A"

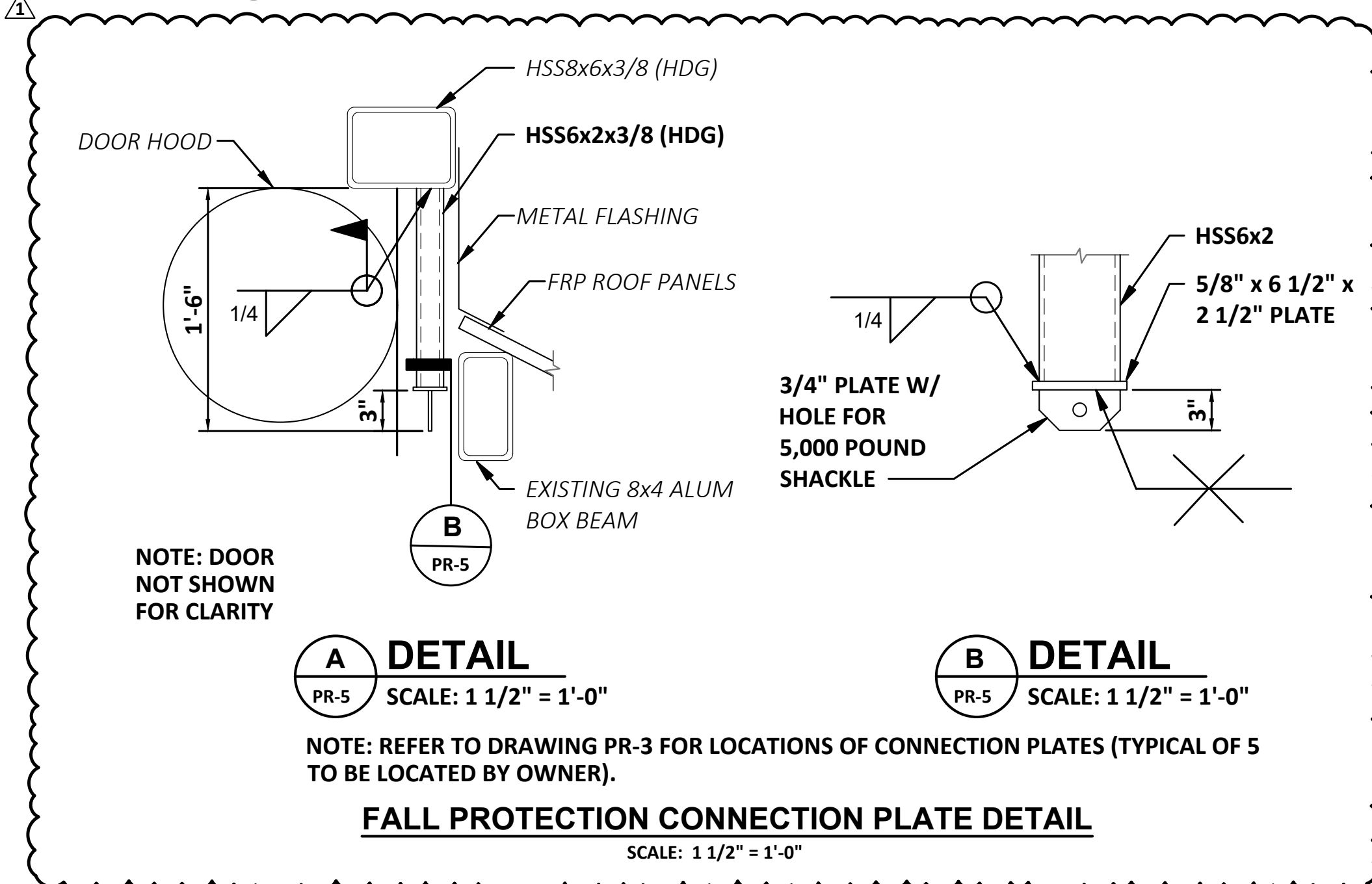


SECTION
PR-3 SCALE: 3/8" = 1'-0"



SLEEVE REPLACEMENT DETAIL
SCALE: 1" = 1'-0"

- NOTES:**
- GENERAL CONTRACTOR SHALL COORDINATE EXACT INSIDE DIAMETER OF THE SLEEVE WITH INSIDE DIAMETER OF THE SKIMMER PIPE.
 - DETAIL IS TYPICAL IN THE COMMON WALLS BETWEEN BAYS A AND B AND BETWEEN BAYS B AND C.

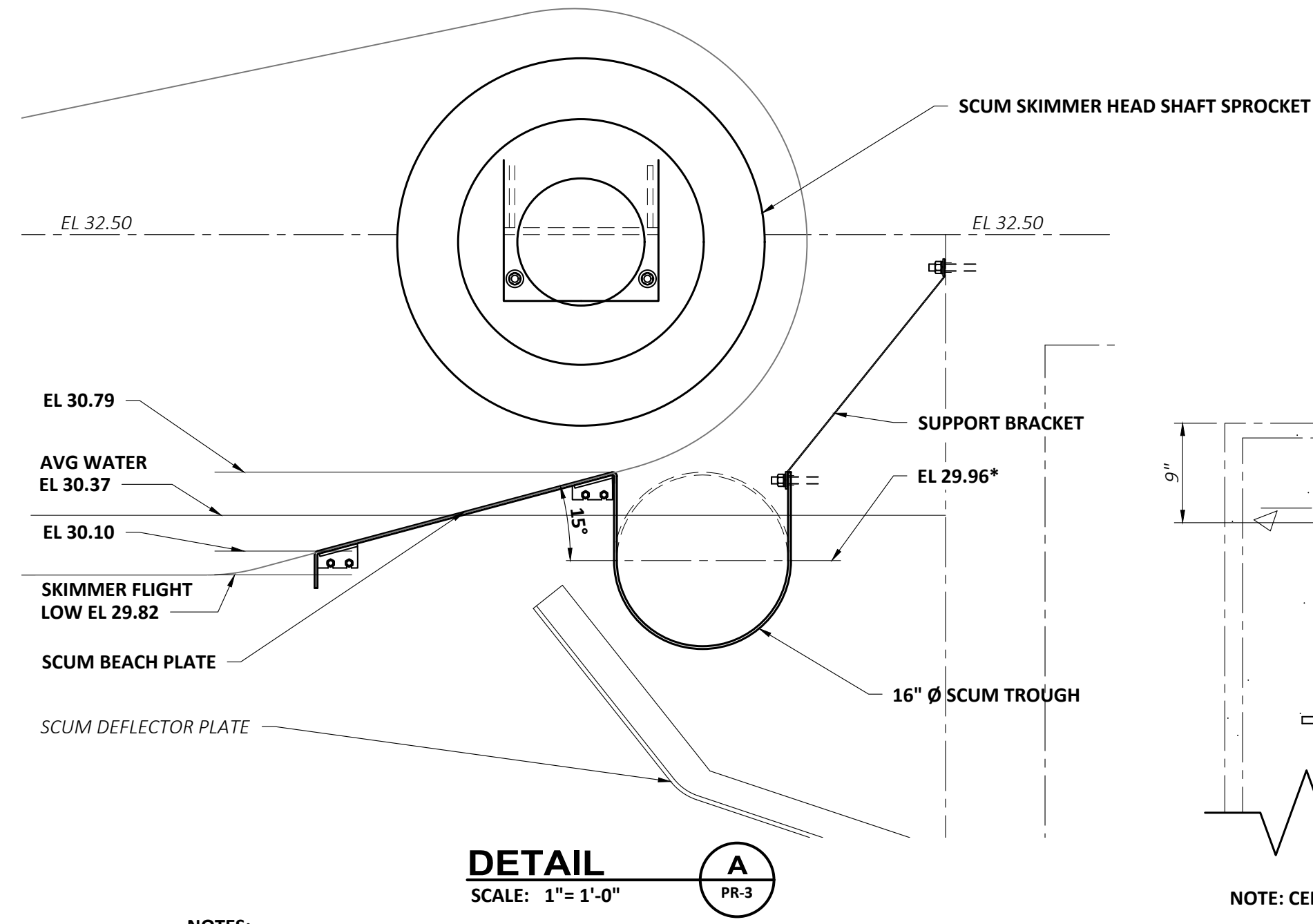


A DETAIL SCALE: 1 1/2" = 1'-0"
B DETAIL SCALE: 1 1/2" = 1'-0"

NOTE: REFER TO DRAWING PR-3 FOR LOCATIONS OF CONNECTION PLATES (TYPICAL OF 5 TO BE LOCATED BY OWNER).

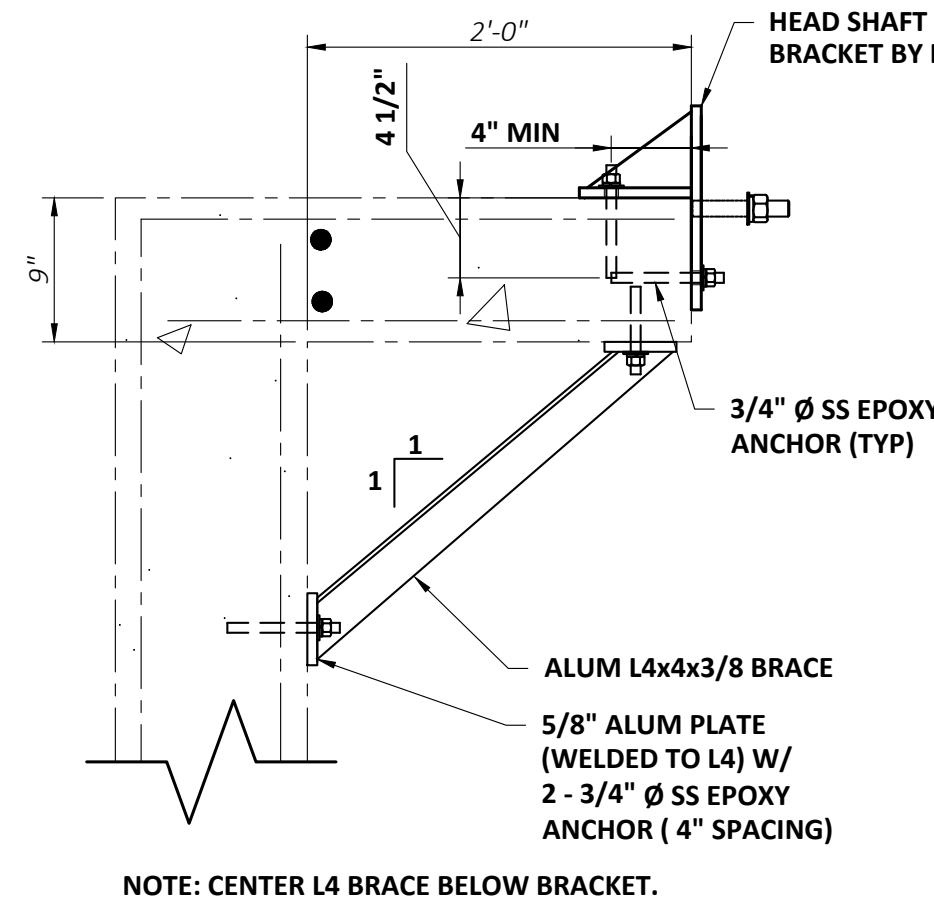
FALL PROTECTION CONNECTION PLATE DETAIL
SCALE: 1 1/2" = 1'-0"

- NOTES:**
- FOR PROCESS GENERAL AND DEMOLITION NOTES, REFER TO PR-1. FOR LEGEND AND ABBREVIATION REFER TO DRAWING PR-1.
 - FALL PROTECTION CONNECTION PLATES:
 - GENERAL CONTRACTOR SHALL REMOVE AND REINSTALL ROLLUP DOORS, FASCIA AND FLASHING AS REQUIRED TO INSTALL FALL PROTECTION PLATES. OWNER WILL PROVIDE ALL SHOP DRAWINGS AND MANUALS RELEVANT TO THE ROLLUP DOORS. CONTRACTOR SHALL APPLY ALL REQUIRED SEALANTS DURING REINSTALLATION. AFTER REINSTALLATION GENERAL CONTRACTOR SHALL DEMONSTRATE THE DOORS FUNCTION PROPERLY TO THE SATISFACTION OF THE OWNER.
 - REMOVE GALVANIZED COATING FROM EXISTING HSS8x6 PRIOR TO WELDING NEW HSS6x2. GRIND WELDS AND APPLY ZINC RICH COATING (ASTM A780) (MIN 2 COATS, 3.5 MIL EACH COAT).
 - ALL NEW STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANIZED AND CONFORM TO:
 - HSS SHAPES: ASTM A500/A500M GRADE C
 - PLATES: ASTM A572/A572M GRADE 50
 - HOT-DIP GALVANIZE IN ACCORDANCE WITH ASTM A123/A123M.
 - SHACKLES SHALL BE TYPE 316 STAINLESS STEEL AND SHALL BE RATED FOR 5,000 POUNDS (ALLOWABLE).

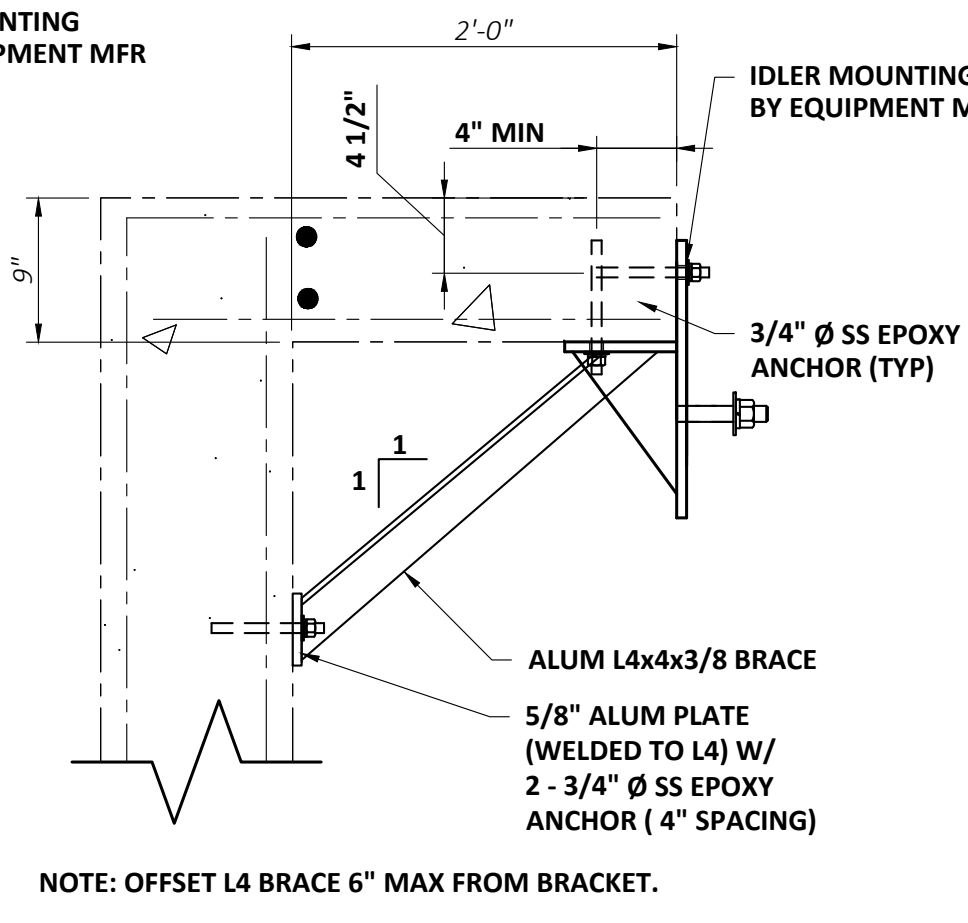


DETAIL A
SCALE: 1" = 1'-0"

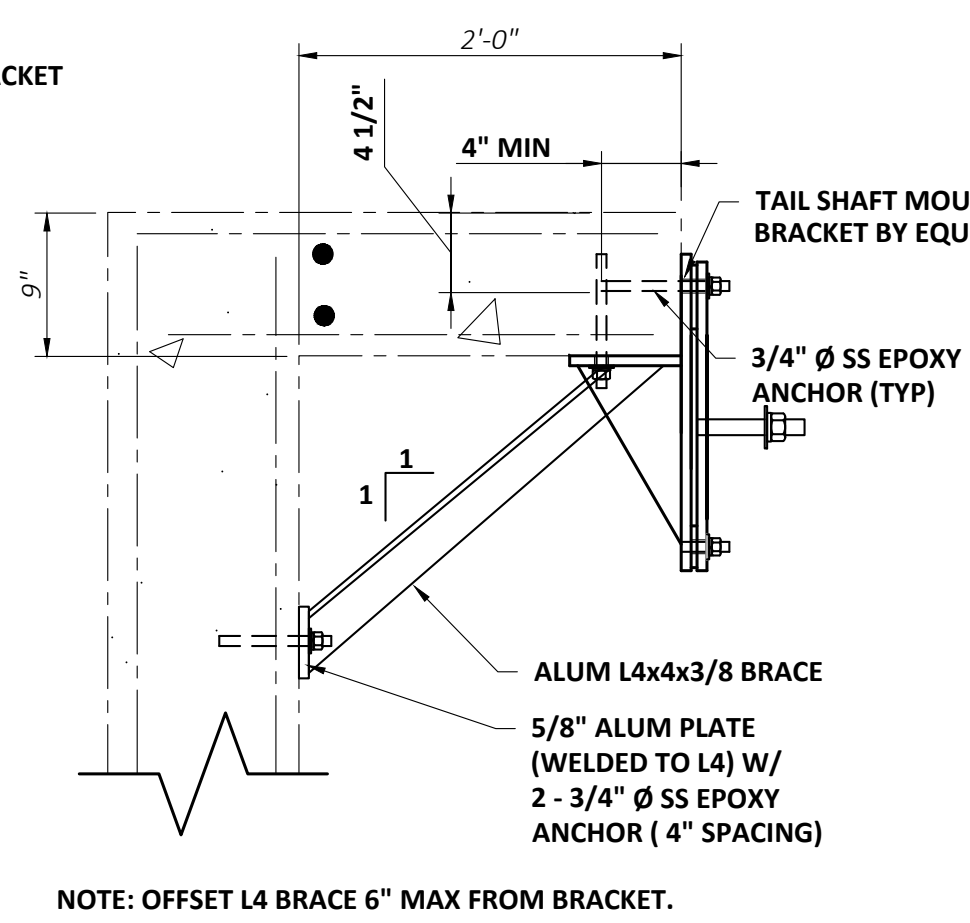
- NOTES:**
- REFER TO SPECIFICATION SECTION FOR ADDITIONAL INFORMATION ON SCUM BEACH PLATE AND TROUGH.
 - SCUM BEACH PLATE AND TROUGH SHALL BE 316 SS
 - BEACH PLATE SHALL BE ANGLED AT 15 DEGREES AND DESIGNED SO THE FLIGHTS CAN PUSH SCUM UP THE PLATE AND INTO TROUGH FOR REMOVAL.
 - REFER TO PR-1 FOR WATER ELEVATION IN TANKS.



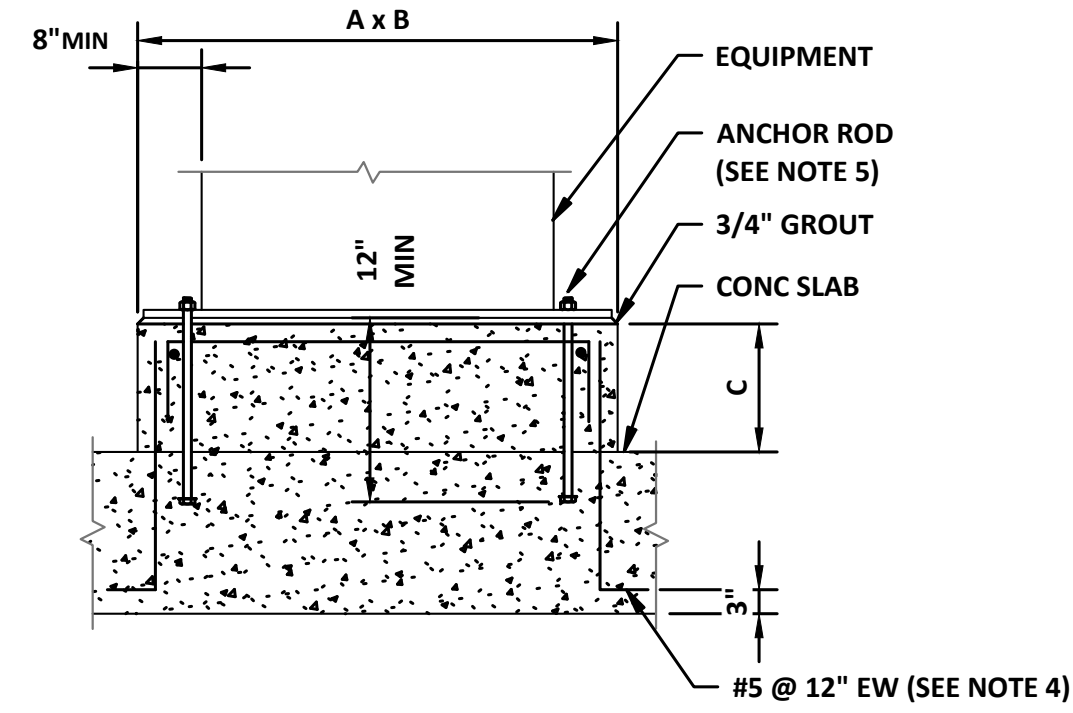
DETAIL B
SCALE: 1" = 1'-0"



DETAIL C
SCALE: 1" = 1'-0"



DETAIL D
SCALE: 1" = 1'-0"



EQUIPMENT PAD
SCALE: 1/2" = 1'-0"

- NOTES:**
- PROVIDE A MINIMUM 4" THICK REINFORCED CONCRETE PAD BELOW ALL EQUIPMENT, PIPE SUPPORTS, STANCHIONS, CONTROL PANELS, TANKS, ETC. UNLESS OTHERWISE NOTED.
 - A, B AND C DIMENSIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED ON EQUIPMENT SUPPLIED (OR AS INDICATED ON THE DRAWINGS).
 - CONCRETE PAD SHALL ATTAIN A COMPRESSIVE STRENGTH OF 4500 PSI PRIOR TO STARTUP OF EQUIPMENT.
 - FOR CONCRETE PADS PLACED ON EXISTING CONCRETE, DRILL HOLES AND INSTALL #5 @ 12" W/ HS EPOXY (MIN 8" EMBEDMENT).
 - FOR CONCRETE PADS PLACED ON EXISTING CONCRETE, USE SS EPOXY ANCHORS.
 - APPLY EPOXY BONDING AGENT ON CLEANED, ROUGHENED SURFACE PRIOR TO PLACING CONCRETE PAD.

SHEET CONTAINS BID ALTERNATE "A"

NO	REVISIONS	APPD	DATE
1	ADDENDUM NO.1	P.EMM	05-22

PROJECT NO:	20950
DESIGNED:	P.EMM
CAD COORD:	B.STEFFEN
CAD:	B.STEFFEN
CHECKED:	C.KURTZ
DATE:	APRIL 2022
APPROVED:	P.EMM
DATE:	APRIL 2022
SUBMISSION:	CONTRACT DRAWINGS

WRIGHT-PIERCE
189 MAIN STREET, 700 PLAZA MIDDLESEX, MIDDLETOWN, CT 06457
860.343.8297 | www.wright-pierce.com

THE MATTABASSETT DISTRICT
CROMWELL, CONNECTICUT
PRIMARY SEDIMENTATION BASIN NO.1
PRIMARY SCUM SKIMMER SYSTEM UPGRADE
SEDIMENTATION BASIN NO.1
MODIFICATIONS SECTIONS II
DRAWING
PR-5