



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

<https://www.faypwc.com/bids/>

Bid Addendum

PWC Number: PWC2324029

Bid Title : Cross Creek Water Resource Facility and Rockfish Creek Water Resource Facility Screw Pump Improvements

Bid Opening Date and Time: Thursday, February 8, 2024

Addendum Number: 2

Addendum Date: January 10, 2024

Procurement Advisor: Carla Wint

procurement@faypwc.com



1. Return one properly executed copy of this addendum with bid response or prior to the Bid Opening Date/Time listed above.
2. The solicitation is hereby modified as follows:
 - M1. Prospective bidders' attention is directed to Volume 1, page 17, BID SCHEDULE – PERFORMANCE AND DELIVERY.

Revised timeframe, locations and contract time:

Hybrid Pre-Bid Meeting:
(MANDATORY)

- 10:00 a.m., Thursday, December 7, 2023
- Via Microsoft Teams, or in person at the....

Cross Creek Water Reclamation Facility
Administration Building, Training Room
601 Eastern Blvd.
Fayetteville, NC 28301

Site Visits
(OPTIONAL)

Immediately following the Pre-Bid Meeting at the Cross Creek WRF and then at the Rockfish Creek WRF during the afternoon.

Rockfish Creek Water Reclamation Facility
2536 Tracy Hall Road
Fayetteville, NC 28301

Deadline for Questions from Bidders

5:00 p.m., Tuesday, January 30, 2024

Deadline for Addenda issued by PWC Procurement Department and Vance McGougan

5:00 p.m., Friday, February 2, 2024

Bid Opening (Submittal Deadline) 2:00 p.m., Thursday, February 8, 2024
Fayetteville Public Works Commission Administrative
Building
Conference Room 107
955 Old Wilmington Road
Fayetteville, NC 28301

Contract Time: 912 days

Liquidated Damages: Insert amount of \$1,000.00 per day for each day beyond the
Final Completion Date

Bid Acceptance Period Within ninety (90) Calendar Days unless otherwise noted

3. Following are questions received about the solicitation and the SME's answers to the questions.

- Q1.** The MWDBE Program documents included in the project/contract documents do not list any participation goals. Please provide if necessary.
- A1.** This project has an aspirational goal of 14% MBE and 11% WBE.
- Q2.** Affidavits C, D, and E of the MWDBE Program documents each have a column to identify NAICS codes. We are using the NC DOA (HUB) to generate our MWDBE solicitation list for the project. The HUB does not use NAICS codes as part of their search criteria. Do we need to list NAICS codes or can we enter "N/A" in the column for this information?
- A2.** Bidders may list the type of work being performed if the NAICS code is unknown or not used.
- Q3.** Please provide concrete slab details for the electrical buildings in the base and alternate bids.
- A3.** Please see technical specification attachment below.
- Q4.** Please provide electrical drawings for the Rockfish Creek portion of the project.
- A4.** Electrical drawings for the Rockfish Creek WRF Influent Pump Station are not required for the Contractor to complete the work shown on the plan drawings and as project specified.
- Q5.** Section 01 14 00 stipulates that only one screw pump at a time may be demolished. During demolition and installation, we anticipate that workers will need to work from the wall located between screw channels and feel that working between one idle channel and one live channel is a safety issue. Please consider allowing two adjacent channels to be demolished at the same time. See attached picture for reference.
- A5.** A response to this question will be forthcoming in a subsequent Addendum #3.
- Q6.** Spec 26 05 00-1.11 states contractor shall provide studies in accordance with Section 26 05 73 - Power System Studies. This spec is not included in the Contract Documents. Please provide.
- A6.** A response to this question will be forthcoming in a subsequent Addendum #3.
- Q7.** Spec 26 05 33.13-3.01.R states conduit emerging from within or below concrete encasement shall be PVC coated rigid galvanized steel. The Conduit Uses table on page 20 of the same spec show this scenario utilizing PVC coated rigid aluminum conduit. Please advise which is correct.
- A7.** A response to this question will be forthcoming in a subsequent Addendum #3.
- Q8.** Per Conduit Uses table beginning on page 19 of spec 26 05 33.13, please confirm PVC-coated rigid aluminum conduit is to be used for Instrumentation wiring for the following conduit installation scenarios:

- Concealed within non-elevated concrete slabs
- Concealed below concrete slabs

- A8.** A response to this question will be forthcoming in a subsequent Addendum #3.
- Q9.** Supplementary Conditions, page SC-12, Section 7.07. The revision requires the Contractor to pay all charges of utility owners for connections to the work. Please clarify what the connections are and how much the charges will be.
- A9.** All costs for service connections to PWC electric, water and sanitary sewer utilities as needed for office temporary office and / or storage facilities will be waived.
- Q10.** Section R.1. of the Instructions to Bidders requires the successful bidder to pay all county, city, state and federal taxes. Section 7.08 of the General Conditions says that the Contractor shall pay all sales, consumer, use and other similar taxes. Section 7.08 of the Supplementary Conditions says that the bidder will not include refundable NC sales tax in their bid. Please clarify what taxes the bidding contractor should include or not include in their bid.
- A10.** Contractor pays all county, city, state and federal sales, consumer, use and other similar taxes. bidding contractor should not list any of the taxes as being charged to PWC, including without limitation any refundable NC sales tax.

4. The following documents are attached:
- Pre-bid Conference Minutes
 - Pre-bid Conference Attendance Roster

Failure to acknowledge receipt of this addendum may result in rejection of the response.

Check ONE of the following options:

- Bid has not been mailed. Any changes resulting from this addendum are included in our bid response.
- Bid has been mailed. No changes resulted from this addendum.
- Bid has been mailed. Changes resulting from this addendum are as follows:

Execute Addendum:

Offeror: _____

Authorized Signature: _____

Name and Titled (Typed): _____

Date: _____



CROSS CREEK AND ROCKFISH CREEK WATER RESOURCE FACILITIES
 SCREW PUMP IMPROVEMENTS
 PWC2324029 / HAZEN PN 30402-064
 MANDATORY PRE-BID MEETING SIGN-IN SHEET
 DECEMBER 7, 2023 10:00 A.M.

NAME	AFFILIATION	EMAIL ADDRESS
COLIN BECK	HAZEN	HAZEN CREEK@HAZENANDSMYLER.COM
MARY HAYNE	"	MARY.HAYNE@HARZONANDSMYLER.COM
DAVID PITMAN	TA LOVING	dpitman@TALoving.com
RANDY DAWM	CREWELL	rdawm@crewellusa.com
JASON DUDLEY	CREWELL	jdudley@crewellusa.com
KYLEE SUTTER (VICTORY)	TA LOVING	ksutter@taloving.com
NIKKIE ROHMANN	PWC	nikkie.rohmann@pwc.com
CARLA WINT	PWC	carla.wint@pwc.com
JACOB CRUEIN (VICTORY)	J. CUNY & ASSOCIATES	jacob@jcumy.com
GEORGINA YARELAS-RUIZ	HAZEN	gyarelas@hazenandsmyler.com
VANCE MCGOUGHAN	PWC	
CHUCK BAXLEY	PWC	
SCOTT MCCOY	PWC	



**CROSS CREEK AND ROCKFISH CREEK WATER RESOURCE FACILITIES
SCREW PUMP IMPROVEMENTS
PWC2324029 / HAZEN PN 30402-064
MANDATORY PRE-BID MEETING
DECEMBER 7, 2023 AT 10:00 A.M.**

1. Introductions

- Fayetteville Public Works Commission – Owner
- Hazen and Sawyer – Design Engineer and Construction Administration

2. Project Description

- Base Bid:
 - Cross Creek WRF:
 - Influent Pump Station:
 - Replacement of five influent screw pumps
 - Replace existing pump starters with new RVSS Starters in Primary Sludge Pump Station
 - Conductors and duct bank including new exposed conduits between Screw pump starters and Screw Pumps
 - Bypass Screen Isolation Gate & Replacement of Manual Gate Actuator with Electric Gate Actuator
 - Ventilation fans and all ventilation ducts
 - Concrete Repair
 - Pump Station No. 3:
 - Replacement of five Screw Pumps
 - New Electrical Building to house RVSS screw pump starters and relocated Switchgear 27SWBD-4A&4B
 - Duct banks to Electrical Building and new Influent Pumps
 - Rockfish Creek WRF:
 - Replacement of four influent screw pumps
- Alternate Bid
 - Cross Creek WRF Influent Pump Station Electrical Building

3. Project Funding

- The Public Works Commission will fund this project using budgeted funds.

4. Examination of Site

- Visits to Cross Creek and Rockfish Creek today after meeting and on request (minimum 48 hours advance notice).

5. Interpretation of Contract Documents

- All questions about the meaning or intent of the bid or Contract Documents shall be submitted in writing to Carla Wint, PWC Procurement Advisor, by email to procurement@faypwc.com. To receive consideration, questions must be received by Tuesday, January 9, 2024, by 5:00 p.m.
- Only questions answered by formal written addenda will be binding.

6. Subcontractors

- No more than 49 percent (49%) of the contract value.



7. Minority, Women, Disadvantaged Business Enterprise (MWDBE) Program / Small Local Supplier (SLS) Program
 - Document good-faith efforts.
 - Submit Affidavit A or B with bid.
 - Submit Affidavit C or D within 24 hours of being notified by PWC as apparent lowest responsive, responsible, Bidder.

8. Submission of Bids
 - No bids accepted at any location other than 955 Old Wilmington Road, Fayetteville, NC 28301, at the front door.
 - Submittals sent by mail should be registered mail.

9. Bid Bond
 - Each Bid shall be accompanied by an acceptable Bid bond in the amount of five percent (5%) of the Bid amount.

10. Taxes
 - All prices shall exclude sales tax

11. Bid Opening
 - Thursday, January 18, 2024, at 2:00 p.m.
 - Fayetteville Public Works Commission Administration Building
955 Old Wilmington Road
Fayetteville, NC 28301

12. Award of Contract
 - Bids to remain open 90 calendar days
 - Basis of award shall be any combination of the total single prime base bid price and alternate bid item amounts, at the sole discretion of the Owner.

13. Contract Time
 - 912 calendar days

14. Building Permits
 - Shall be obtained by and paid for by the Contractor.

15. Questions

ADDENDUM NO. 2 – TECHNICAL SPECIFICATIONS AND DRAWINGS

Date: 12/19/2023
Project: Cross Creek WRF and Rockfish Creek WRF Screw Pump Improvements
Owner: Fayetteville Public Works Commission
Engineer: Hazen and Sawyer

To All Bidders:

Contractors submitting Proposals for the above-named Project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's Bid Proposal.

All other general items, conditions, drawings, and specifications shall remain the same. Please acknowledge the receipt of this Addendum on the Bid Form.

Refer to the Attached Sheets.

The return receipt requested with the communication will be deemed evidence that the bidder has received this Addendum and has followed the instructions outlined herein. Please sign, date, clearly print company name, and email this sheet back to Hazen and Sawyer at cbeck@hazenandsawyer.com.

Company Name

Acknowledgement of Receipt

Date



Colin W. W. Beck, PE
Hazen and Sawyer

Cross Creek WRF and Rockfish Creek WRF Screw Pump Improvements

Addendum No. 2

SPECIFICATIONS:

43 24 41 – Screw Pumps

2.02-E-2 Replace the following text:

“Gears and bearings shall be lubricated by means of a splash and pressure lubrication system and, if required by the reducer manufacturer, a shaft driven lubricator. Gear nips above the oil level shall be splash lubricated. Bearings above the oil level shall be pressure lubricated by an integral shaft driven pump. The oil line from the shaft driven pump shall be furnished with a pressure switch or oil sump thermostat that will shut down the screw pump motor in the event of oil pump or oil line failure.”

with

“Gears and bearings shall be splash lubricated or, if required by the reducer manufacturer, by a shaft driven oil lubrication pump. If an oil pump is provided, the oil line shall be furnished with a pressure switch or oil sump thermostat that will shut down the screw pump motor in the event of oil pump or oil line failure.”

DRAWINGS:

B120A Add the following to the end of Note 3:

“EXTENTS OF SLAB SHALL BE COORDINATED WITH PREFABRICATED BUILDING MANUFACTURER CONSIDERING MEANS OF ANCHORING BUILDING TO SLAB.”

B220 Add the following to the end of Note 3:

“EXTENTS OF SLAB SHALL BE COORDINATED WITH PREFABRICATED BUILDING MANUFACTURER CONSIDERING MEANS OF ANCHORING BUILDING TO SLAB.”

S2 Sheet S2 shall be issued as part of the Bidding documents. This sheet has been provided as **Attachment #1** of this Addendum.

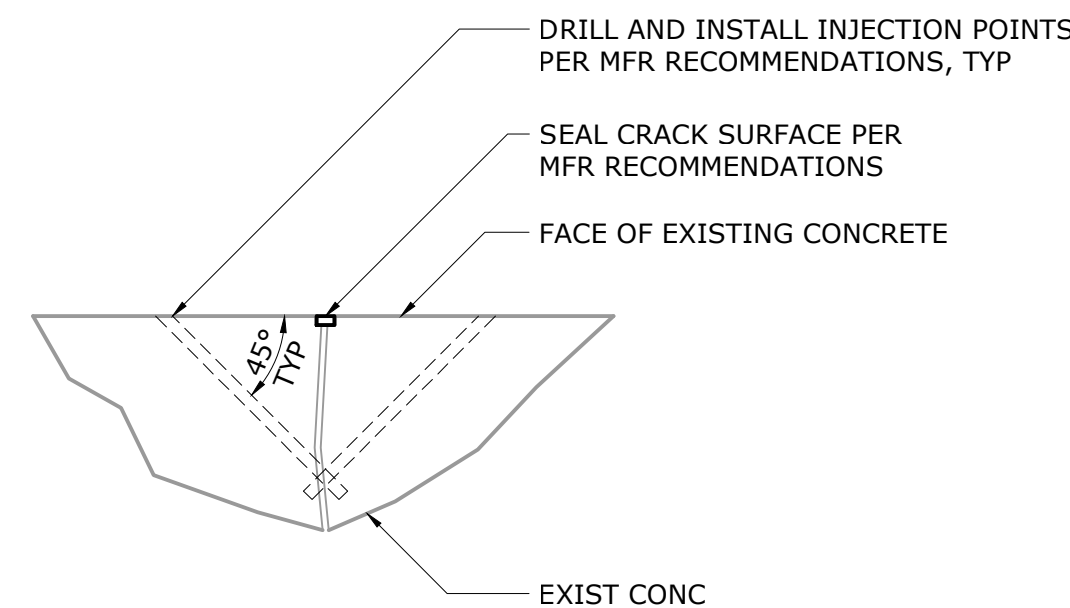
LIST OF ATTACHMENTS:

- Attachment #1: Drawing S2

Attachment #1 – Drawing S2

NOTES:

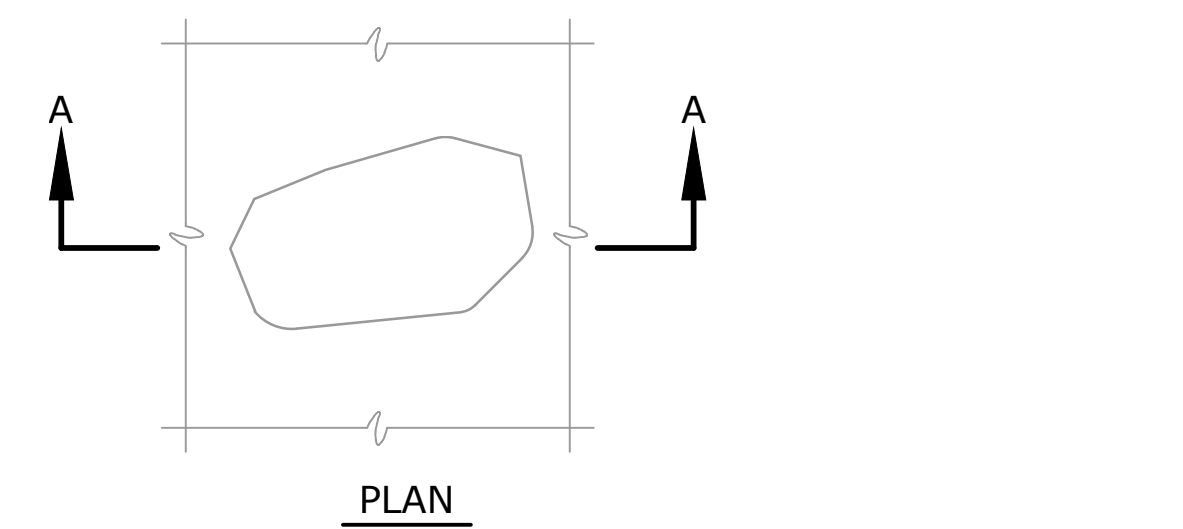
1. CONCRETE REPAIR WORK SHALL BE PERFORMED PER SPECIFICATION SECTION 03 01 30 AND THE DETAILS ON THIS DRAWING.
2. FOR EXISTING STRUCTURES LISTED IN THE TABLE: THE CONTRACTOR, IN CONJUNCTION WITH THE ENGINEER, SHALL DETERMINE THE EXTENT OF CRACKED OR DETERIORATED CONCRETE TO BE REHABILITATED AND/OR RESURFACED. FOR EACH STRUCTURE A SUMMARY OF WORK SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
3. SPALLED AND/OR DETERIORATED AREAS WHERE DEPTH "D" TO BE REPAIRED IS LESS THAN OR EQUAL TO 4" SHALL BE REPAIRED PER DETAIL 2. AREAS WHERE DEPTH "D" IS GREATER THAN 4" SHALL BE REPAIRED PER DETAIL 3.
4. REFERENCE SPECIFICATION SECTION 01 20 00 MEASUREMENT AND PAYMENT FOR ESTIMATED CONCRETE REPAIR QUANTITIES AND ADDITIONAL INFORMATION ON ALL REPAIRS.



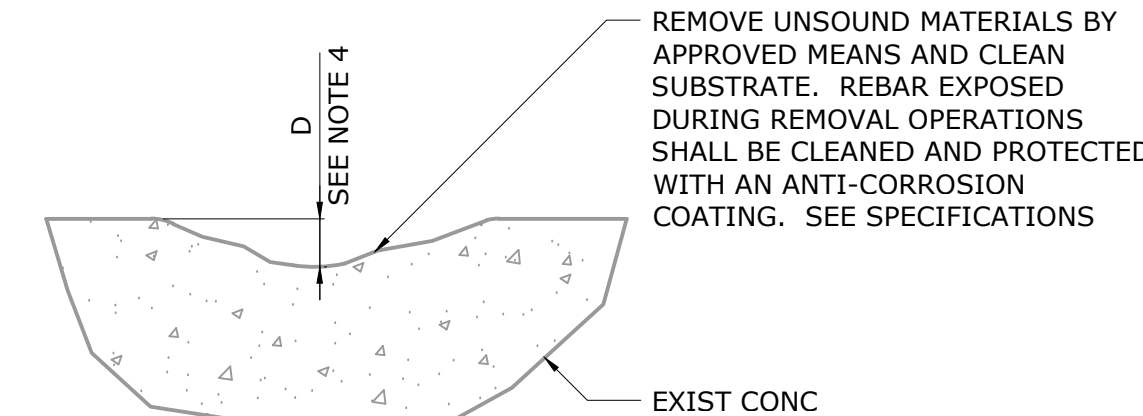
TYPE III - WATERPROOF INJECTION CRACK REPAIR (LEAKING CRACKS)

CRACK REPAIR

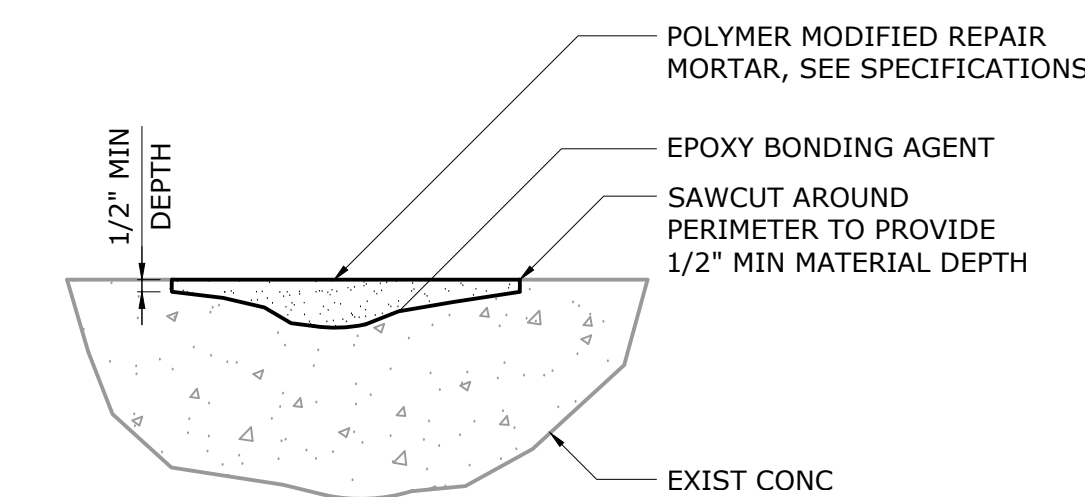
DETAIL	1
NTS	-



PLAN



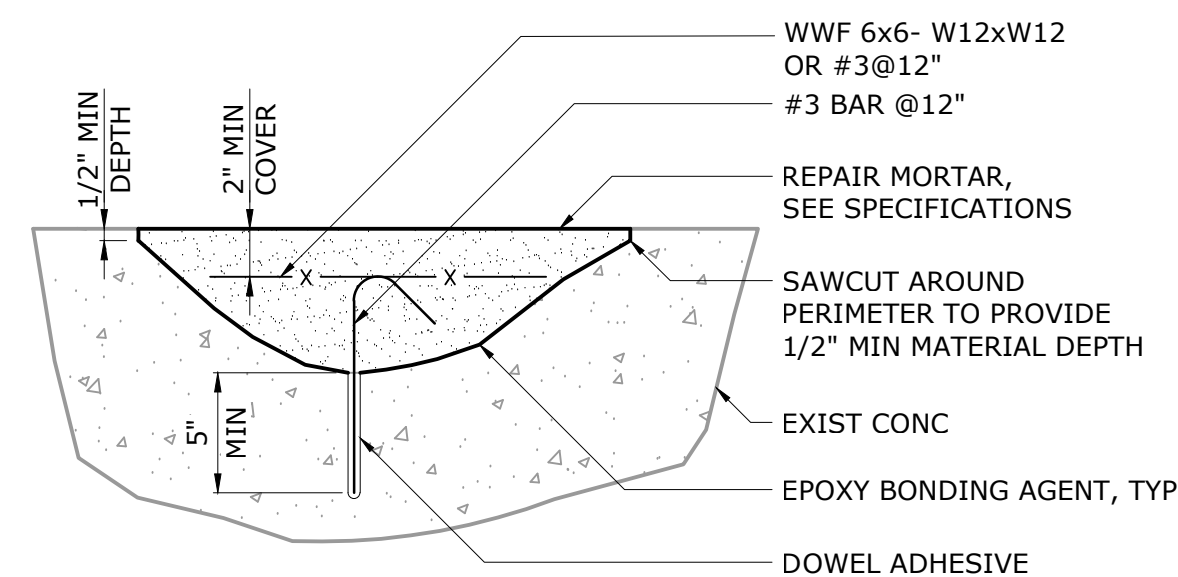
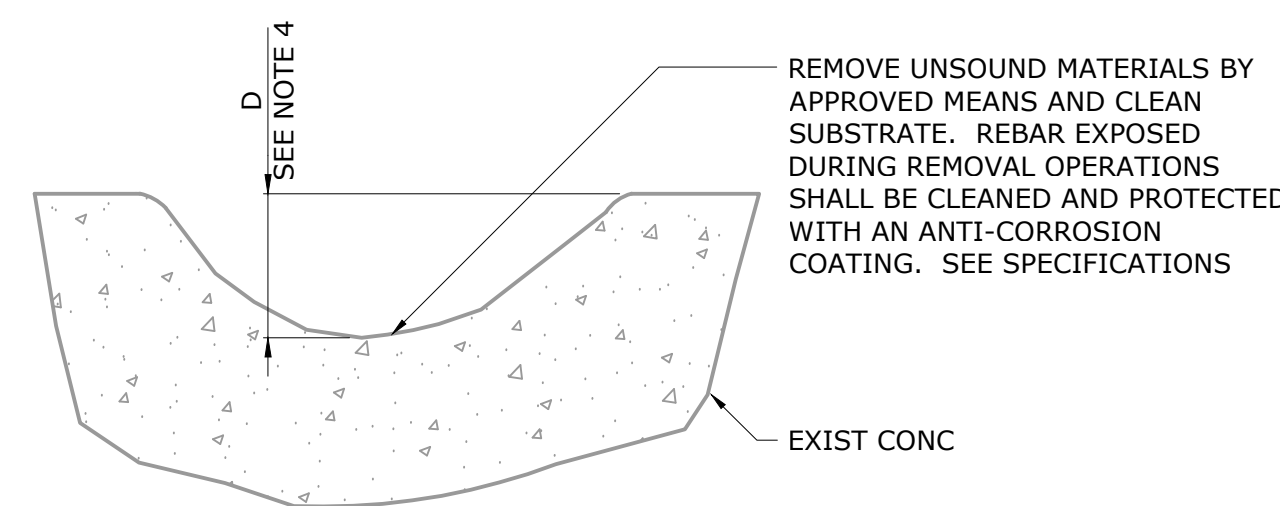
DEMOLITION SECTION A-A



NEW SECTION A-A

SURFACE SPALL REPAIR

DETAIL	2
NTS	-



FORMED SPALL REPAIR

DETAIL	3
NTS	-

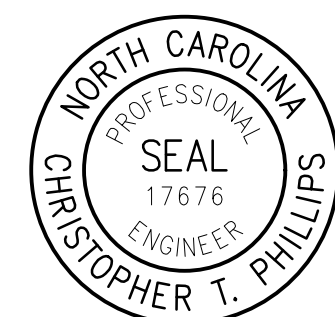
CONCRETE REPAIR QUANTITIES

SERIES	DESCRIPTION	TYPE III WATERPROOF INJECTION GROUT CRACK REPAIR (LF)	SURFACE SPALL REPAIR MATERIAL (CF)	FORMED SPALL REPAIR MATERIAL (CF)
M100	CROSS CREEK INFLUENT PUMP STATION	50	75	25
M100	ROCKFISH CREEK INFLUENT PUMP STATION	50	150	50

File: C:\30402\RAI\30402-064\CAD_BIM\CONTRACT DRAWINGS\STRUS2 - SHEET 2.dwg Saved by: JCAUDLE Save date: 12/19/2023 10:49 AM PLOT DATE: 12/19/2023 10:50 AM By: JCAUDLE

PROJECT ENGINEER:	M. MESSERE		
DESIGNED BY:	C. PHILLIPS		
DRAWN BY:	B. CAUDLE		
CHECKED BY:	C. PHILLIPS		
2	ADDENDUM NO.1	11/2023	CWB
1	CONSTRUCTION	4/2023	CWB
REV	ISSUED FOR	DATE	BY

ISSUED FOR CONSTRUCTION



Hazen

HAZEN AND SAWYER
4011 WESTCHASE BOULEVARD, SUITE 500
RALEIGH, NORTH CAROLINA 27607
LICENSE NO. : C-0381

PUBLIC WORKS COMMISSION
CITY OF FAYETTEVILLE, NORTH CAROLINA

CROSS CREEK WRF AND ROCKFISH CREEK WRF
SCREW PUMP IMPROVEMENTS

STRUCTURAL
CONCRETE REPAIR DETAILS AND NOTES - SHEET 2

DATE:	APRIL 2023
HAZEN NO.:	30402-064
CONTRACT NO.:	1
DRAWING NUMBER:	