



Engineering  
Landscape Architecture  
Surveying

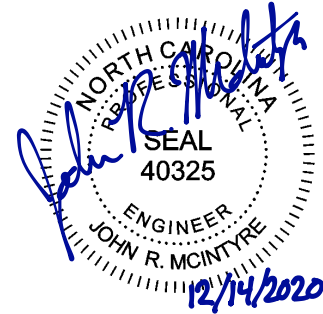
## ADDENDUM NO. 2

**TO:** Prospective Bidders

**FROM:** John R. McIntyre, P.E.  
LKC Engineering, PLLC

**PROJECT:** **MOORE COUNTY, NC**  
**Morrison Bridge Road Water Main Replacement**  
**Project Bid No: IFB 2021-05**

**DATE:** **December 14<sup>th</sup>, 2020**



Contractors' attention is brought to the following instructions and changes to the Construction Plans and Contract Documents.

### 1. Bid Opening Reminders

Sealed Bids for the construction of the **Morrison Bridge Road Water Main Replacement** will be received and opened at the second-floor community room of the **Rick Rhyne Public Safety Center, 302 S McNeill St, Carthage, NC 28327, Attention: Terra Vuncannon**, until **4:00 pm** local time on **Thursday December 17<sup>th</sup>, 2020** at which time the Bids received will be **publicly** opened and read aloud.

If you do not plan on being present at the bid opening bids can be submitted via Bid Dropbox located at **Moore County Finance Department, 206 South Ray Street, Carthage, NC 28327, Attention: Terra Vuncannon**, until **4:00 pm** local time on **Thursday December 17<sup>th</sup>, 2020**.

In either case, bid security shall be furnished in accordance with the Instructions to Bidders. **Bid Bonds must be provided in a separate envelope.**

### 2. Modified Bid Form

Enclosed is the modified bid form. Failure to submit a bid form with "Issued by Addendum #2" at the bottom may result in rejection of the bid.

### 3. Bid Items No. 13 & 14 – Service Reconnections

Service Reconnection includes a new water 1" service line from the new water main to the existing meter box. The new service line will be pressure tested at the same time the new water main is tested.

### 4. Bid Item No. 15 – Replace Existing Meter Box – Found to be Damaged

This bid item addresses reconnection of services along Morrison Bridge Road. If the meter box is broken or damaged, East Moore Water District would like for the meter box to be replaced in accordance with the detail shown on the plans.

**5. Plan Sheet D-6**

Enclosed is the revised plan sheet D-6. The flow control valve shall be CLA-VAL 40-01 or approved equal.

**6. Method of Award**

Following the bid opening, the Owner will compare the responsive bids to the budgeted funds available, and select the lowest responsible, responsive bidder based on any combination of the three subtotals that fits within the budgeted funds.

**7. Bid Items No. 1, 20, & 27: Mobilization, Bonding, and Insurance**

This item has been updated to reflect the intent of Method of Award. The bid form has been updated to show this bid item in each subtotaled section. For each section of this project, this bid item cannot exceed 3% of the subtotal amount.

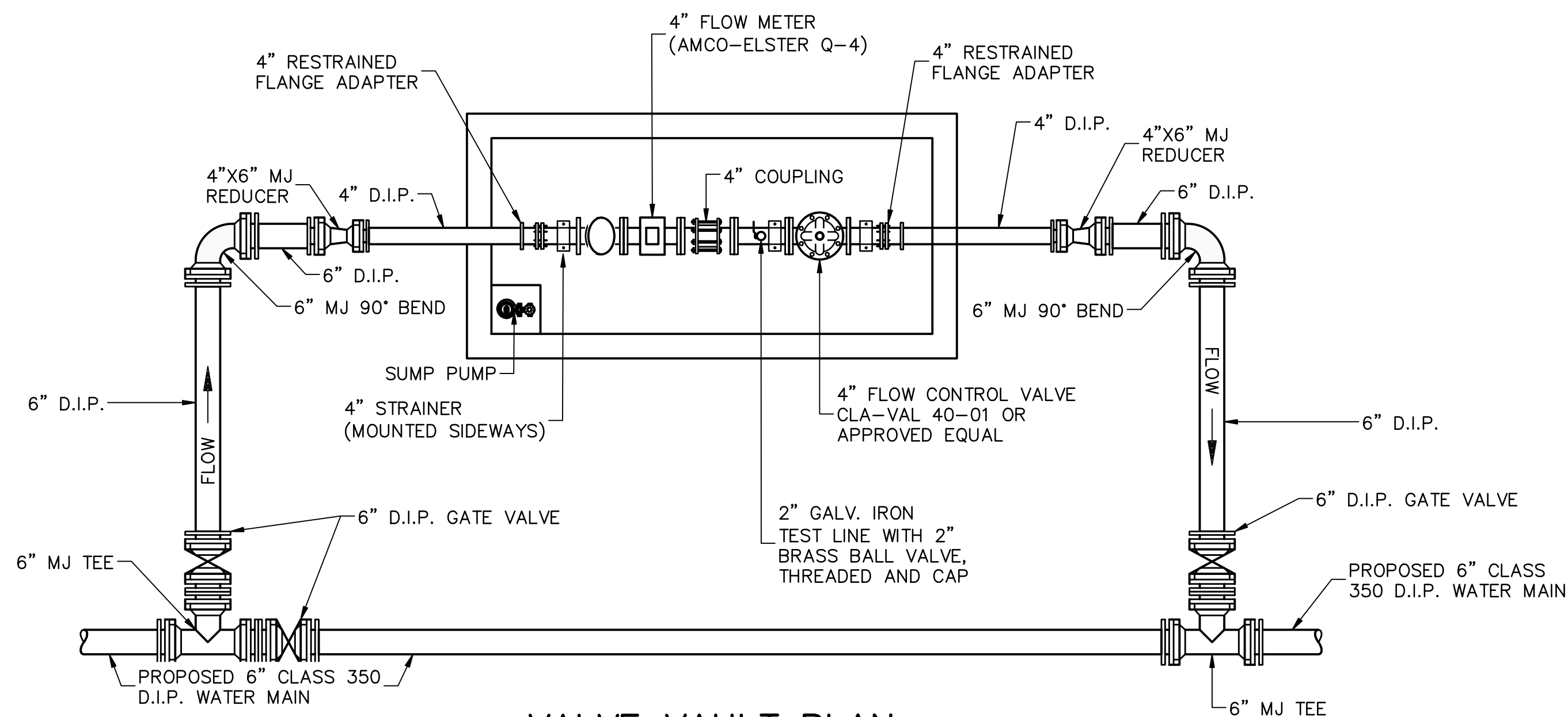
**8. Address for Marks Road Meter Vault**

The address that is closest to the proposed meter vault is: 5238 Marks Road, Cameron, NC 28326. This address is for the house across the road from the meter vault.

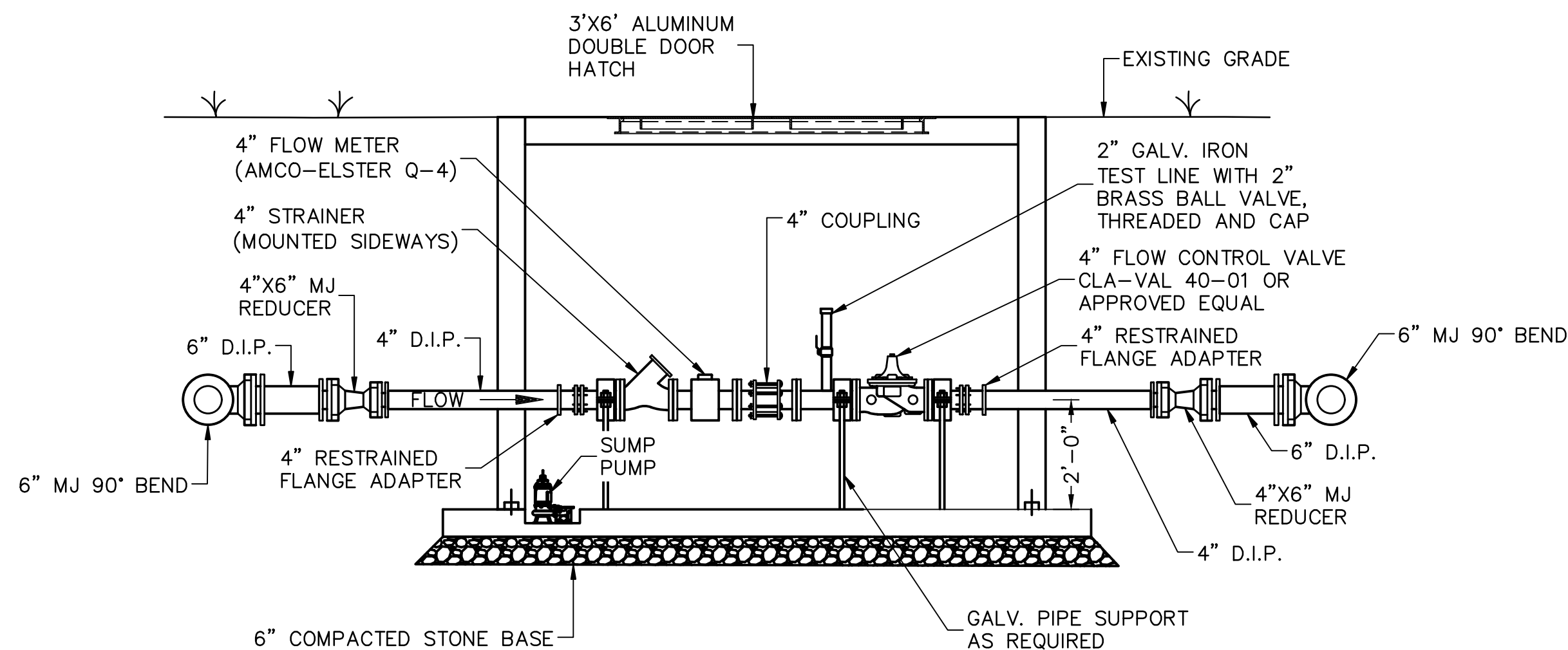
**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID FORM**

EAST MOORE WATER DISTRICT					
MORRISON BRIDGE ROAD WATER MAIN REPLACEMENT					
BID FORM					
	Item Description	Quantity	Unit	Unit Price	Extended Price
Moore County - Morrison Bridge Road					
1.	Mobilization, Bonding, and Insurance. Cannot exceed 3% of the subtotal bid amount.	1	LS		
2.	8" Class 350 DIP Water Main	7,800	LF		
3.	Relocate Existing 8" Gate Valve to New Line	1	EA		
4.	6" Gate Valve	3	EA		
5.	Relocate Existing Fire Hydrant to New Line	3	EA		
6.	8" x 8" Tee	2	EA		
7.	8" x 6" Tee	3	EA		
8.	8" 90-deg bend	2	EA		
9.	8" 45-deg bend	4	EA		
10.	8" 22.5-deg bend	2	EA		
11.	Connect to Existing 8" Waterline	2	EA		
12.	8" Plug	2	EA		
13.	Service Reconnection - Long	13	EA		
14.	Service Reconnection - Short	11	EA		
15.	Replace Existing Meter Box - Found to be Damaged	6	EA		
16.	Open Cut & Patch Asphalt Driveway	20	SY		
17.	Open Cut & Patch Concrete Driveway	20	SY		
18.	Gravel for Driveway Repair	100	TNS		
19.	Water Main Cleanup, Pressure Testing, and Sterilization	7,800	LF		
Morrison Bridge Road Subtotal					

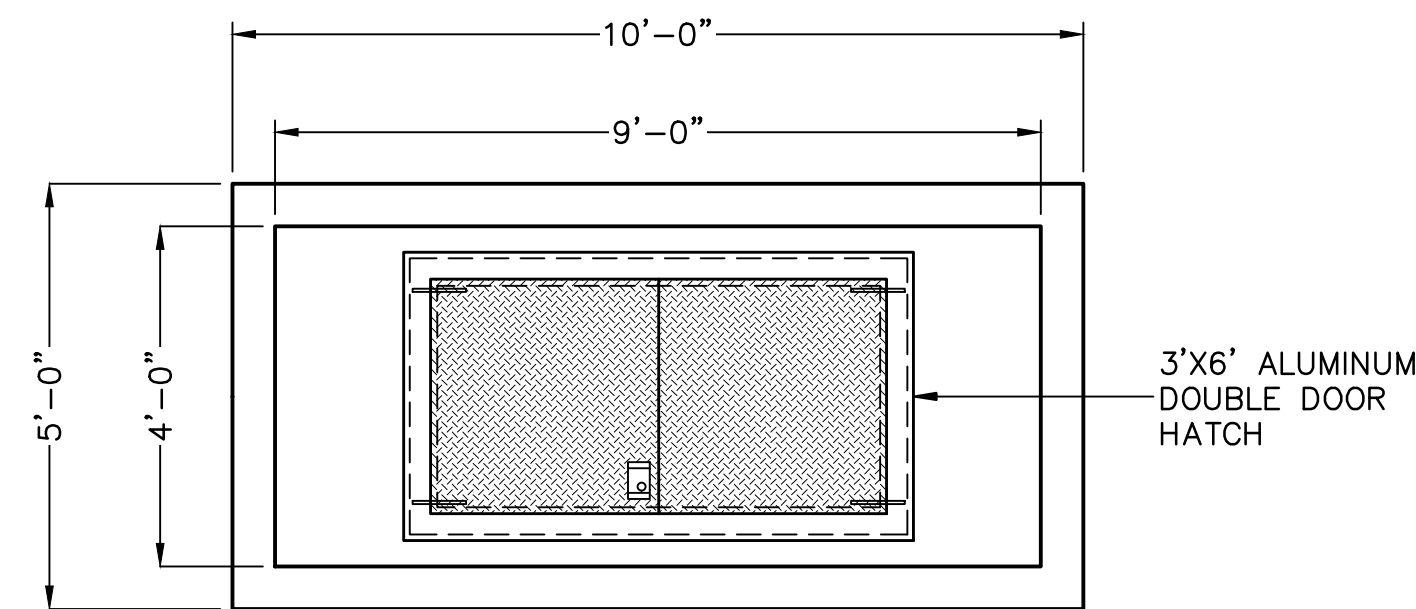
EAST MOORE WATER DISTRICT MORRISON BRIDGE ROAD WATER MAIN REPLACEMENT BID FORM					
	Item Description	Quantity	Unit	Unit Price	Extended Price
<b>Harnett County - Hillmon Grove Road</b>					
20.	Mobilization, Bonding, and Insurance. Cannot exceed 3% of the subtotal bid amount.	1	LS		
21.	4" SDR 21 PVC Water Main	120	LF		
22.	4" Class 350 Restrained Joint DIP Water Main	90	LF		
23.	6" DR9 IPS HDPE Water Main Installed by Directional Bore on Sheet W2.1. Lump Sum, Guaranteed Price	1	LS		
24.	4" 45 deg-bend	4	EA		
25.	Connect to Existing 4" Waterline	2	EA		
26.	Water Main Cleanup, Pressure Testing, and Sterilization	310	LF		
<b>Hillmon Grove Road Subtotal</b>					
<b>Harnett County - Marks Road Meter Vault</b>					
27.	Mobilization, Bonding, and Insurance. Cannot exceed 3% of the subtotal bid amount.	1	LS		
28.	6" Class 350 DIP Water Main	150	LF		
29.	12" Steel Casing Installed by Bore-and-Jack	30	LF		
30.	6" Gate Valve	3	EA		
31.	6" x 6" Tee	2	EA		
32.	6" 90-deg bend	4	EA		
33.	Connect to Existing 6" Waterline	2	EA		
34.	Water Meter Vault and Appurtenances. Bid Item includes Precast Meter Vault, Strainer, Water Meter, Flow Control Valve and all Internal Piping. Bypass Piping and Appurtenances included in other items.	1	LS		
35.	Water Main Cleanup, Pressure Testing, and Sterilization	150	LF		
<b>Marks Road Subtotal</b>					
<b>GRAND TOTAL BID AMOUNT</b>					



**VALVE VAULT PLAN**  
NOT TO SCALE



# VALVE VAULT SECTION

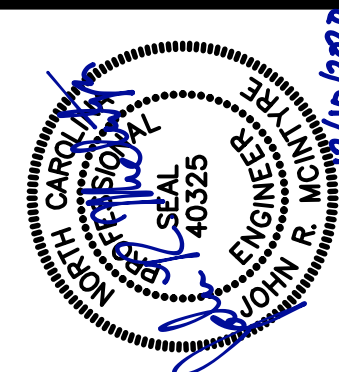


VALVE VAULT COVER  
NOT TO SCALE

NOTES:

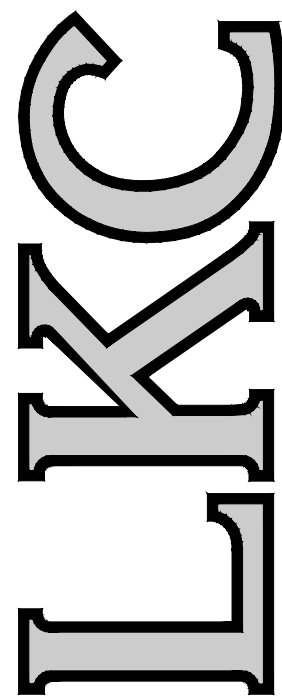
1. THE VAULT SHALL BE PRE-CAST. CAST IN PLACE WILL NOT BE ACCEPTED. CONCRETE WILL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS. PRE CAST VAULTS WILL BE MANUFACTURED BY THE STA-RITE TANK CO.
2. THE ACCESS DOORS SHALL BE A SINGLE OR DOUBLE LEAF ALUMINUM DOOR WITH 1/2" ALUMINUM DIAMOND PLATE COVER, AND EXTRUDED ALUMINUM FRAME, AND A REMOVABLE KEY WRENCH. DOORS SHALL BE OF THE WATERTIGHT TYPE CONSTRUCTION WITH 1 1/2" DRAINAGE COUPLING LOCATED IN THE CHANNEL FRAME. THE DRAINAGE COUPLING SHALL BE PIPED TO THE SUMP. THE ACCESS DOOR SHALL BE TYPE "J" OR "JD" MANUFACTURED BY BILCO OR AN OWNER APPROVED EQUAL LID. SHALL BE RATED FOR H/20-44 WHEEL LOADING.
3. THE CONTRACTOR SHALL GUARANTEE A WATERTIGHT VAULT FOR THE PERIOD OF THE PROTECTED WARRANTY.
4. ALL MECHANICAL JOIN CONNECTIONS SHALL BE RESTRAINED THROUGH MEGA-LUGS OR GRIP RINGS.
5. THE PRECAST CONCRETE VAULT EXTERIOR SHALL BE COATED WITH APPROVED WATER PROOFING PRODUCT.
6. REFERENCE PLAN VIEW FOR LAYOUT OF METER VAULT AND APPURTENANCES.
7. FLOW CONTROL VALVE SHALL BE CLA-VAL 40-01 OR APPROVED EQUAL.
8. METER SHALL HAVE HRW APPROVED RADIO READ CAPABILITIES.

REVISIONS			
SYM.	DESCRIPTION	DATE	BY



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Engineering  
Landscape Architecture  
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# WATER DISTRIBUTION DETAILS – HARNETT REGIONAL WATER

# Morrison Bridge Road Water Main Replacement for the East Moore Water District

DATE: August 2020

DESIGNED: BRK

DRAWN: BRK

CHE

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