

ADDENDUM NO. 2
SEWER SYSTEM IMPROVEMENTS
CONTRACT 17-01
MORNINGSIDE DRIVE 8-INCH FORCE MAIN
CHAPEL HILL, TENNESSEE
WAUFORD PROJECT NUMBER 2034
CDBG PROJECT NO. 11132

Date of Addendum: Thursday, July 5, 2018
Bid Opening: To Be Determined

1. BID FORM:
Replace the entire BID FORM with the attached BID FORM.
2. PLANS, Sheet 2:
Modify as shown on the attached 24" x 36" sheet.
3. PLANS, Sheet 3:
Modify as shown on the attached 24" x 36" sheet.
4. PLANS, Sheet 4:
Modify as shown on the attached 24" x 36" sheet.

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



J. Gregory Davenport, P.E.
Tennessee License No. 104881

BID FORM

An Individual ()
A Partnership ()
A Corporation ()
A Limited Liability Company ()

Date _____

1. BID for construction of Sewer System Improvements for the Town of Chapel Hill, Tennessee as Owner.

TO THE TOWN OF CHAPEL HILL, TENNESSEE:

I /

WE _____
Name of Bidder

Address of Bidder

The undersigned, as bidder, proposes to furnish all necessary labor, machinery, tools, apparatus, materials, equipment, service and other necessary supplies, in strict accordance with the terms and conditions of the Detailed Specifications, Contract Documents and the Plans hereto attached and referred to herein for the construction of Sewer System Improvements, Contract 17-01 – Morningside Drive 8-inch Force Main, and do such other work incidental thereto as may be ordered by the Engineer, at the unit or lump sum prices listed herein.

2. The Bidder declares that he has examined the sites of the work and informed himself fully in regard to all conditions pertaining to the places where the work is to be done; that he has examined these Detailed Specifications and Contract Documents for the work and has read all special provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed. The Bidder further declares that he understands the unit price work is subject to increase or decrease, and that should the scope of any of the items of work be changed materially, the undersigned proposes to do the additional work using the unit prices set out herein. Should the quantities be decreased the undersigned will make no claim for anticipated profits.
3. BIDS shall include sales tax and all other applicable taxes and fees.
4. Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

BID FORM
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5. The unit and lump sum prices shall include all labor, materials, shoring, overhead, profit, insurance, *etc.*, to cover the finished work of the several kinds called for.
6. The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.
7. The Bidder agrees that his Bid shall be good and may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving bids.

8. CONTRACT NO. 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
1.	Lump Sum	Connection No. 1 – connection to existing 6-inch force main for line "FM-1" at Sta. 0+00± including all pipe, bends, kickers, and fittings as required for connection, and all excavation and appurtenances as shown on the Plans and as specified herein, complete in place For _____ _____ Dollars _____ Cents, lump sum		\$ _____
2.	Lump Sum	Connection No. 2 – connection to existing 6-inch force main for line "FM-1" at Sta. 168-35± including all pipe, bends, kickers, valves and fittings as required for connection, and all excavation and appurtenances as shown on the Plans and as specified herein, complete in place For _____ _____ Dollars _____ Cents, lump sum		\$ _____

8. CONTRACT 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN
(cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
3.	Lump Sum	Work at the WWTP including handrail, grating, gravel roadways, yard hydrants, liner repair, new door, and chlorine contact chamber baffle, complete in place as indicated on the Plans and specified herein For _____ _____ Dollars _____ Cents, lump sum		\$ _____
4.	3,458 L.F.	8-inch DR-21 Class 200 PVC Force Main installed from Station 0+00 to 35+53 via open-cut methods, complete in place, including fittings, all excavation and bedding For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
5.	13,202 L.F.	8-inch DR-21 Class 200 PVC Force Main installed from Station 35+53 to end of line via open-cut methods, complete in place, including fittings, all excavation and bedding For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____

8. CONTRACT 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN
(cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
6.	175 L.F.	8-inch Specially Lined Class 350 Restrained Joint Ductile Iron Pipe Gravity Sewer Line, installed in 16-inch diameter steel casing pipe in bored or open-cut installations, from manhole to manhole, complete in place, including all excavation and bedding For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
7.	155 L.F.	16-inch Steel Casing Pipe, 0.281-inch minimum wall thickness installed by boring methods, including all incidentals except carrier pipe For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
8.	7 Each	2-inch Air and Vacuum Release Valve as shown on the Detail of the Plans including valve, and valve box, (Stone and Class "C" concrete will be paid for at unit prices) complete in place, as shown on the Plans and specified herein For _____ _____ Dollars _____ Cents, each	\$ _____	\$ _____

8. CONTRACT 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN
(cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
9.	20 C.Y.	Undercutting of trench and crush stone for backfill where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
10.	100 C.Y.	Dense Grade Aggregate Crushed Stone for Traffic Bound Surfacing or Base Course meeting the requirements of the Town of Chapel Hill as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
11.	850 C.Y.	TDOT No. 67 Crushed Stone for ditch backfill under paved surfaces or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
12.	30 C.Y.	Class "C" Concrete for Kickers, Anchors and Encasements or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____

8. CONTRACT 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN
(cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
13.	100 C.Y.	Flowable Fill in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
14.	250 C.Y.	Asphaltic concrete pavement binder course in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
15.	100 C.Y.	Asphaltic concrete pavement topping in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____

8. CONTRACT 17-01 – MORNINGSIDE DRIVE 8-INCH FORCE MAIN
(cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
16.	20 S.Y.	Class "A" concrete for removal and replacement of driveways including crushed stone base, concrete and reinforcing steel required as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per square yard	\$ _____	\$ _____
TOTAL BID AMOUNT CONTRACT 17-01 ITEMS 1 THROUGH 16			\$ _____	

9. Deductive Alternate

In the event the total amount of the bid for Contract 17-01 exceeds the available funds for the project, the following deducts will be subtracted from the total for Contract 17-01 (these item numbers correspond to the number in the base bid). NOTE: This amount will be the same as the price in the corresponding bid item for Contract 17-01.

Deductive Alternate No. 1

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
4.	3,458 L.F.	<p>8-inch DR-21 Class 200 PVC Force Main installed from Station 0+00 to 35+53 via open-cut methods, complete in place, including fittings, all excavation and bedding For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per linear foot</p>	\$ _____	\$ _____
6.	95 L.F.	<p>8-inch Specially Lined Class 350 Restrained Joint Ductile Iron Pipe Gravity Sewer Line, installed in 16- inch diameter steel casing pipe in bored or open-cut installations, from manhole to manhole, complete in place, including all excavation and bedding For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per linear foot</p>	\$ _____	\$ _____

9. Deductive Alternate (cont'd)

Deductive Alternate No. 1 (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
7.	85 L.F.	<p>16-inch Steel Casing Pipe, 0.281-inch minimum wall thickness installed by boring methods, including all incidentals except carrier pipe For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per linear foot</p>	\$ _____	\$ _____
8.	1 Each	<p>2-inch Air and Vacuum Release Valve as shown on the Detail of the Plans including valve, and valve box, (Stone and Class "C" concrete will be paid for at unit prices) complete in place, as shown on the Plans and specified herein For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, each</p>	\$ _____	\$ _____
10.	80 C.Y.	<p>Dense Grade Aggregate Crushed Stone for Traffic Bound Surfacing or Base Course meeting the requirements of the Town of Chapel Hill as shown on the Plans or where directed by the Engineer For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per cubic yard</p>	\$ _____	\$ _____

9. Deductive Alternate (cont'd)

Deductive Alternate No. 1 (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
11.	750 C.Y.	<p><i>TDOT No. 67 Crushed Stone for ditch backfill under paved surfaces or where directed by the Engineer</i> For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per cubic yard</p>	\$ _____	\$ _____
12.	5 C.Y.	<p><i>Class "C" Concrete for Kickers, Anchors and Encasements or where directed by the Engineer</i> For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per cubic yard</p>	\$ _____	\$ _____
13.	25 C.Y.	<p><i>Flowable Fill in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer</i> For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per cubic yard</p>	\$ _____	\$ _____
14.	225 C.Y.	<p><i>Asphaltic concrete pavement binder course in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer</i> For _____</p> <p>_____</p> <p>Dollars _____</p> <p>Cents, per cubic yard</p>	\$ _____	\$ _____

9. Deductive Alternate (cont'd)

Deductive Alternate No. 1 (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT AND BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
15.	75 C.Y.	Asphaltic concrete pavement topping in accordance with the TDOT requirements as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
16.	10 S.Y.	Class "A" concrete for removal and replacement of driveways including crushed stone base, concrete and reinforcing steel required as shown on the Plans or where directed by the Engineer For _____ _____ Dollars _____ Cents, per square yard	\$ _____	\$ _____
TOTAL DEDUCTIVE ALTERNATE NO. 1			\$ _____	

10. Time of Commencement and Completion

The Bidder further proposes and agrees hereby to commence the work with adequate force and equipment on a date to be specified in a written order of the Engineer, and complete all work within the calendar days shown:

The Contractor is allowed two hundred seventy (270) calendar days to complete all work under this contract.

11. Liquidated Damages

The Bidder further understands that if the work is not completed within the time specified, that any additional engineering and resident construction observation costs incurred by the Owner due to the Contractor exceeding the time allowed for completion plus other damages, including the revenue lost from the project's water customers, will be deducted on a per calendar day basis from the compensation otherwise due him in accordance with the General Conditions for each day thereafter, Sundays and holidays included, that work remains uncompleted.

The following sum is agreed by the parties to be liquidated damages:

One Thousand (\$1,000.00) Dollars per calendar day

12. Time Limit for Execution of Documents

The undersigned further agrees that, in case of failure on his part to execute the Contract and the Bond(s) in the six (6) counterparts within ten (10) consecutive calendar days after written notice being given of the award of the Contract, the check or bid bond accompanying this bid and the monies payable thereon shall be paid into the funds of the Town of Chapel Hill, Tennessee as liquidated damages for such failure; otherwise the check or bid bond accompanying this BID FORM shall be returned to the undersigned.

13. Bid Guaranty

Attached hereto is a certified check on the _____
Bank of _____ or a Bid Bond on the form
provided for the sum of 5% of Bid Dollars (\$_____) made payable to
the Town of Chapel Hill, Tennessee to insure that the Contractor will enter
into the Construction Contract and Contract Bond.

14. Interested Parties

The undersigned, as Bidder, hereby declares that the only person or persons interested in the BID FORM as principal or principals is or are named herein, and that no other person herein mentioned has any interest

BID FORM
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in this BID FORM or in the Contract to be entered into; that this BID FORM is made without connection with any other person, company, or parties making a bid or proposal and that it is in all respects fair and in good faith without collusion or fraud.

<u>NAME</u>	<u>ADDRESS</u>
_____	_____
_____	_____
_____	_____

15. Addenda

I hereby certify that I have received, read and examined the following numbered Addenda: _____, _____, _____, _____, _____, _____, _____,

16. Iran Divestment Act

The Statement of Compliance relative to the Iran Divestment Act which follows must be satisfactorily completed in order for the bid to be considered.

BY: _____
Name of Bidder

Address of Bidder

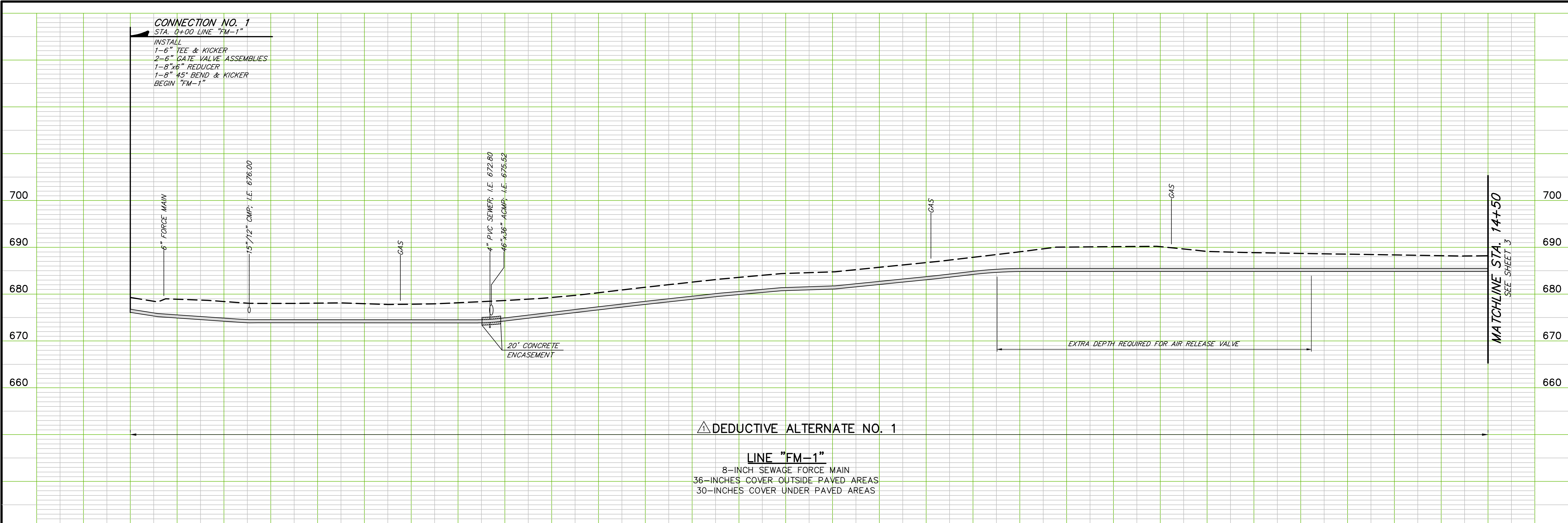
Signature of Authorized Representative

Title

ATTEST (For Corporations)

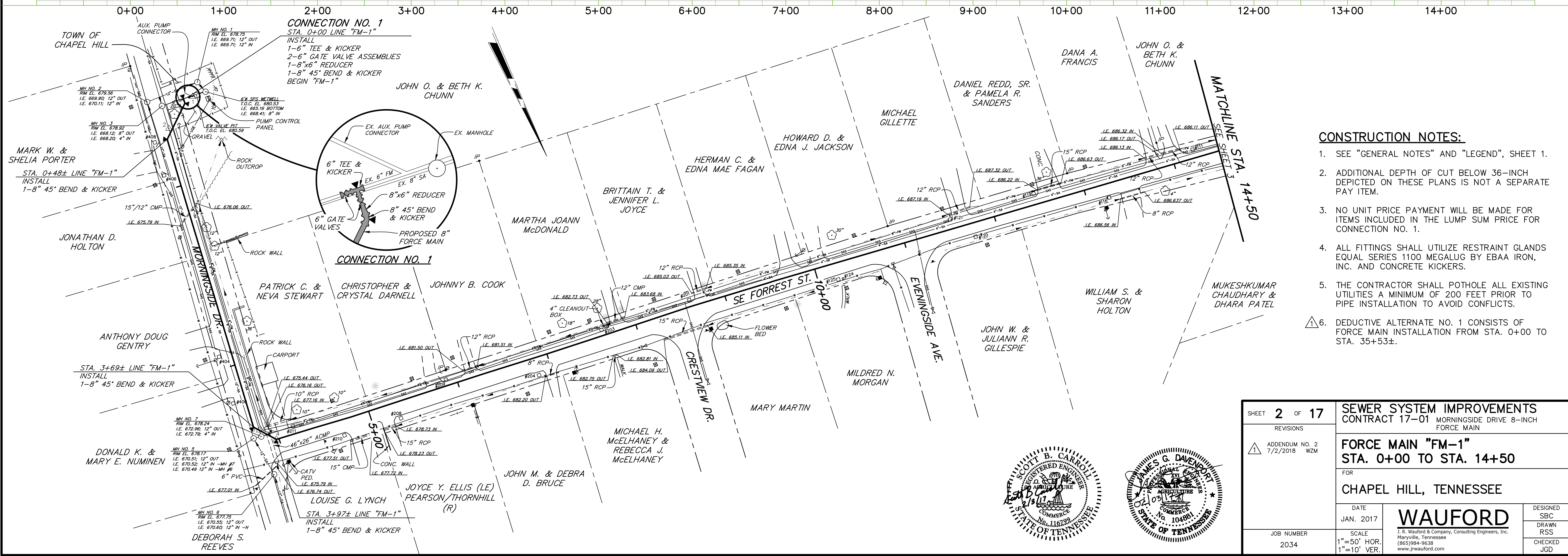
(Name)

Title



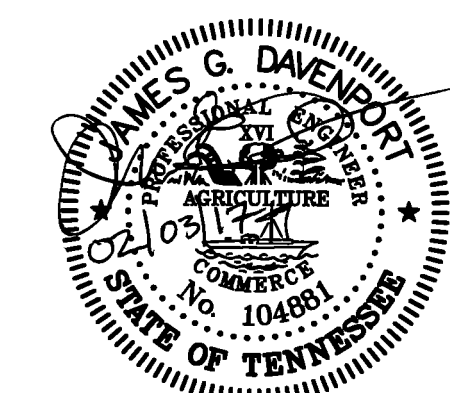
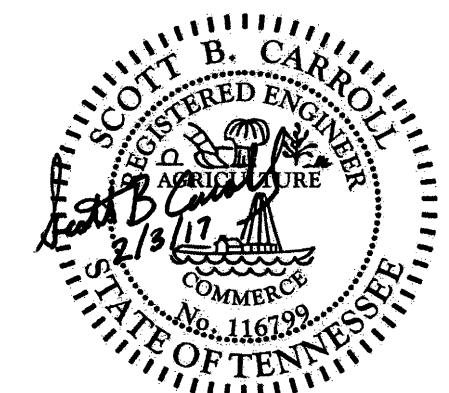
△ DEDUCTIVE ALTERNATE NO. 1

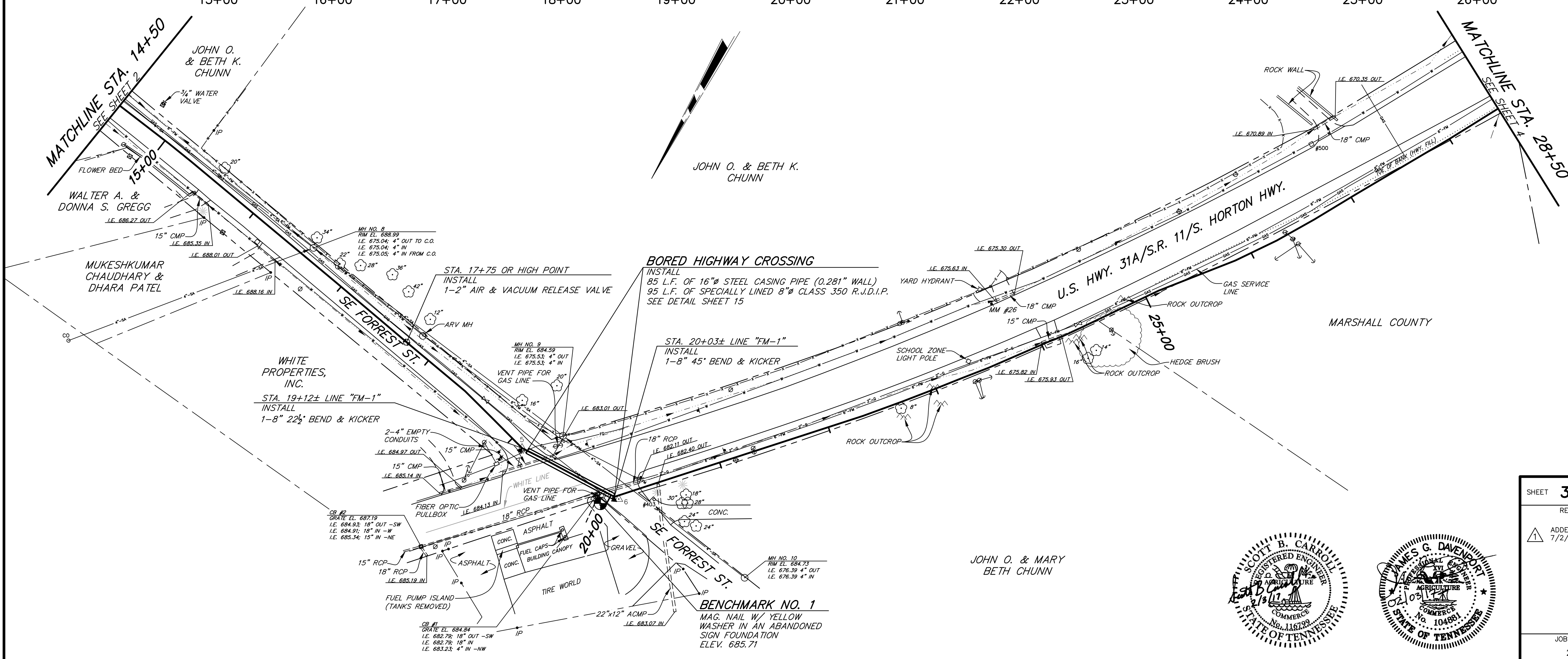
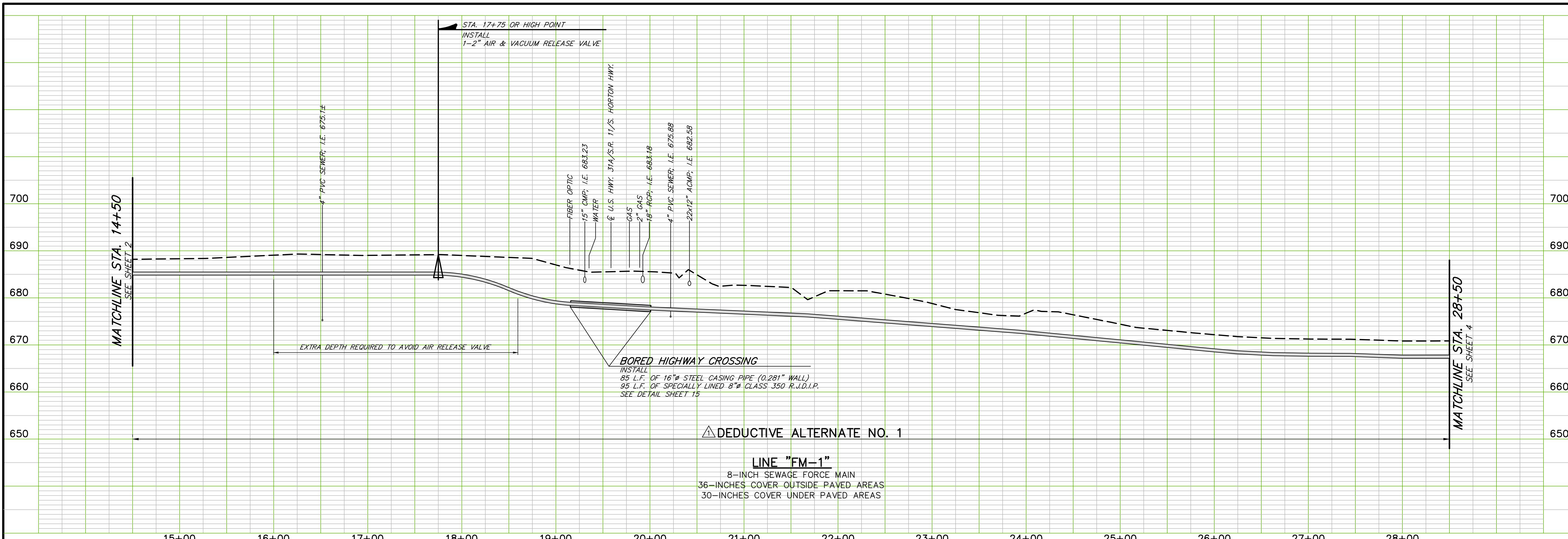
LINE "FM-1"
 8-INCH SEWER FORCE MAIN
 36-INCHES COVER OUTSIDE PAVED AREAS
 30-INCHES COVER UNDER PAVED AREAS



- CONSTRUCTION NOTES:**
1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
 2. ADDITIONAL DEPTH OF CUT BELOW 36-INCH DEPICTED ON THESE PLANS IS NOT A SEPARATE PAY ITEM.
 3. NO UNIT PRICE PAYMENT WILL BE MADE FOR ITEMS INCLUDED IN THE LUMP SUM PRICE FOR CONNECTION NO. 1.
 4. ALL FITTINGS SHALL UTILIZE RESTRAINT GLANDS EQUAL SERIES 1100 MEGALUG BY EBAA IRON, INC. AND CONCRETE KICKERS.
 5. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES A MINIMUM OF 200 FEET PRIOR TO PIPE INSTALLATION TO AVOID CONFLICTS.
 - △ 6. DEDUCTIVE ALTERNATE NO. 1 CONSISTS OF FORCE MAIN INSTALLATION FROM STA. 0+00 TO STA. 35+53±.

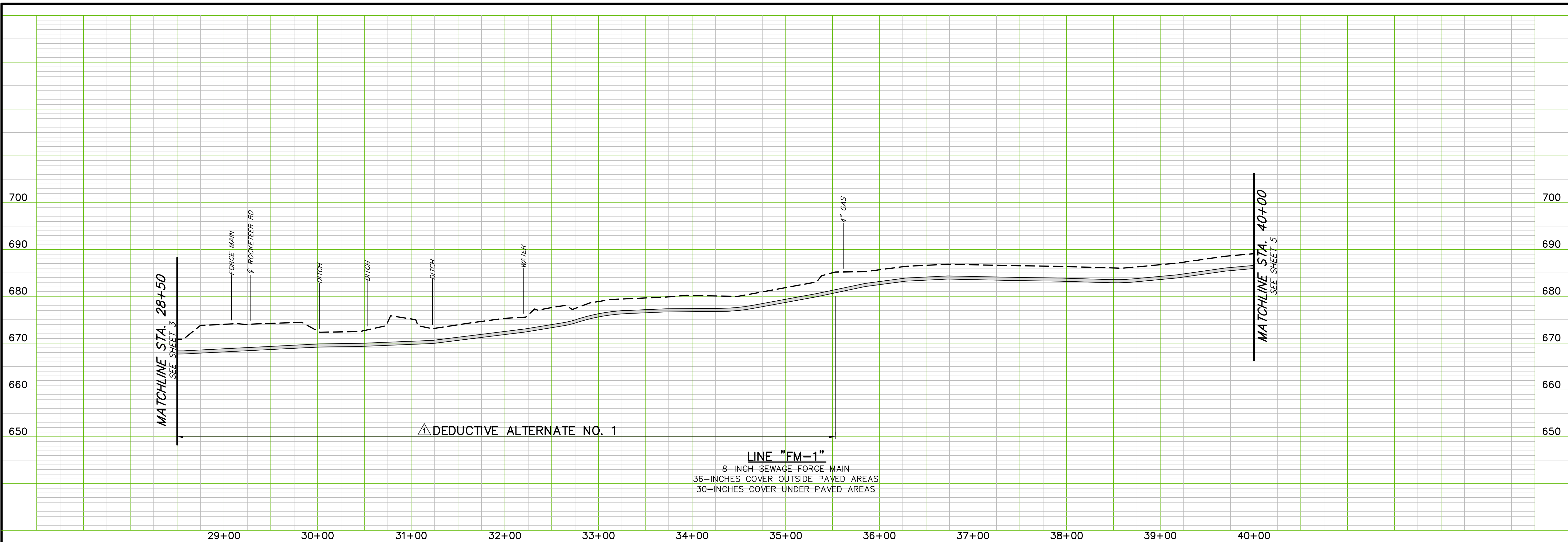
SHEET 2 OF 17		SEWER SYSTEM IMPROVEMENTS	
REVISIONS		CONTRACT 17-01 MORNINGSIDE DRIVE 8-INCH FORCE MAIN	
ADDENDUM NO. 2 7/2/2018 WZM		FORCE MAIN "FM-1"	
		STA. 0+00 TO STA. 14+50	
		FOR CHAPEL HILL, TENNESSEE	
DATE	JAN. 2017	DESIGNED	SBC
JOB NUMBER	2034	DRAWN	RSS
		CHECKED	JGD
SCALE 1"=50' HOR. 1"=10' VER.		WAUFORD J. R. Wauford & Company, Consulting Engineers, Inc. Maryville, Tennessee (865)984-9638 www.jrwauford.com	



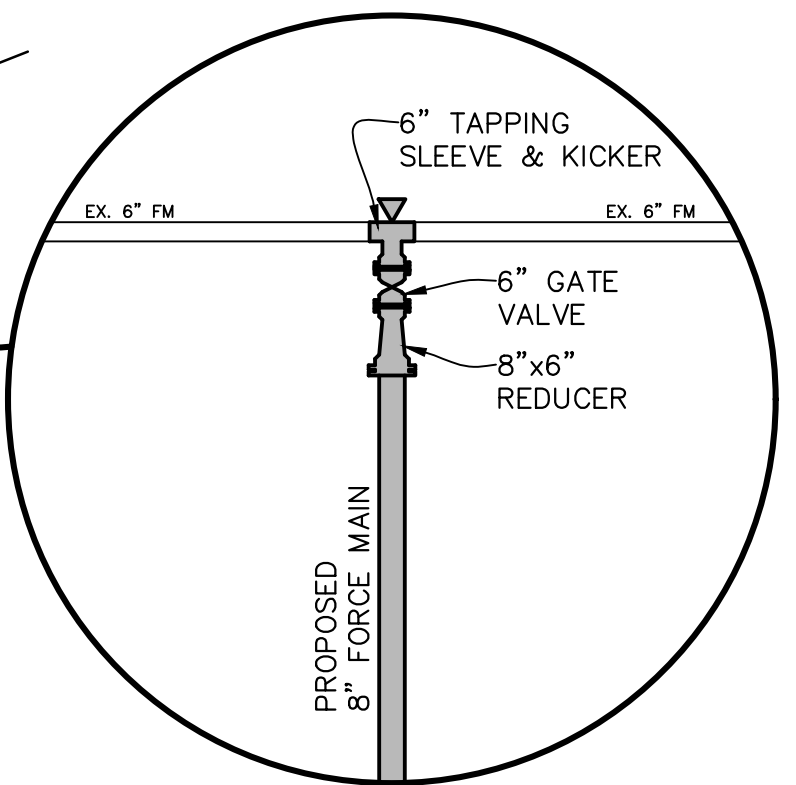
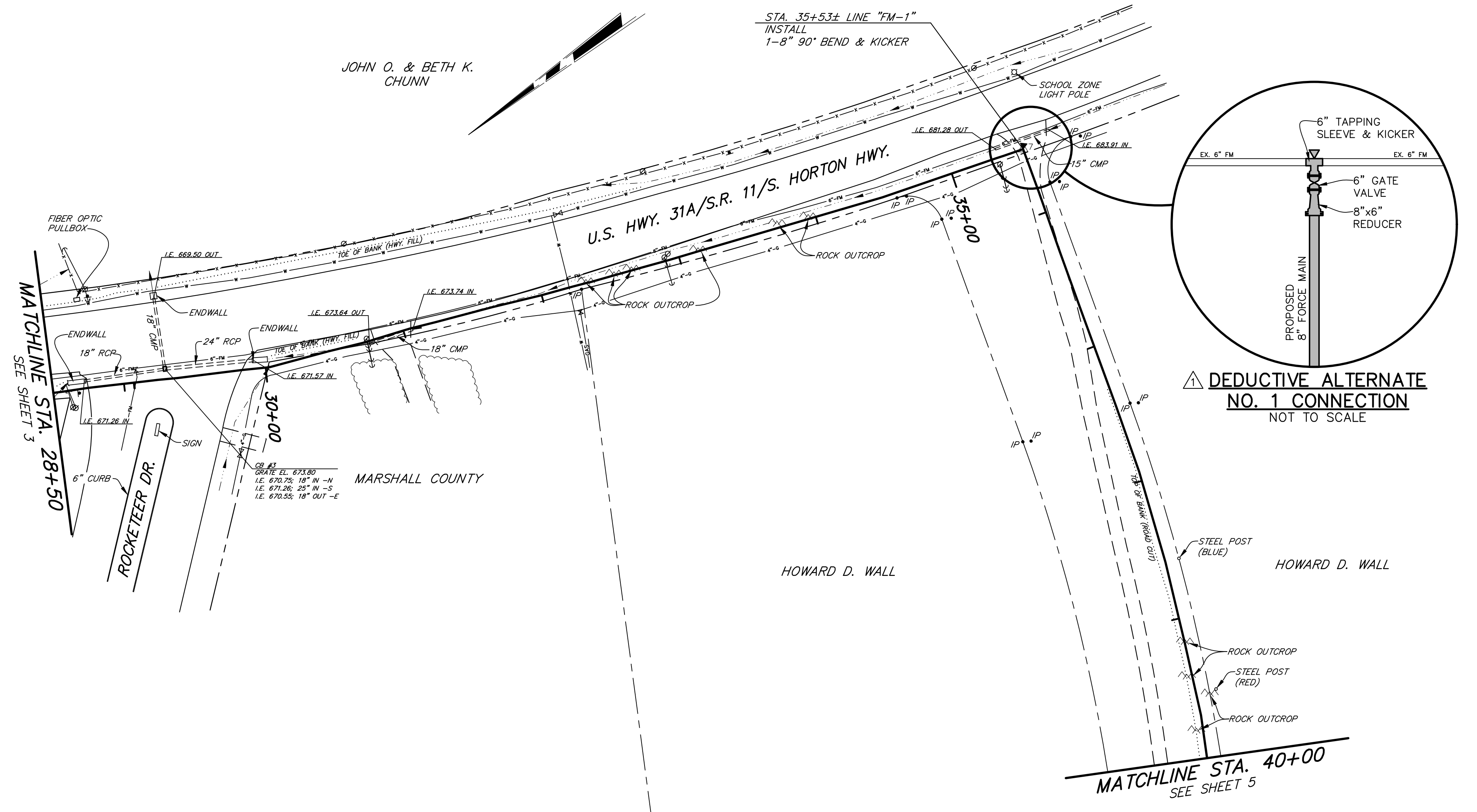


- CONSTRUCTION NOTES:**
- SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
 - ADDITIONAL DEPTH OF CUT BELOW 36-INCH DEPICTED ON THESE PLANS IS NOT A SEPARATE PAY ITEM.
 - ALL FITTINGS SHALL UTILIZE RESTRAINT GLANDS EQUAL SERIES 1100 MEGALUG BY EBAA IRON, INC. AND CONCRETE KICKERS.
 - THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES A MINIMUM OF 200 FEET PRIOR TO PIPE INSTALLATION TO AVOID CONFLICTS.
 - DEDUCTIVE ALTERNATE NO. 1 CONSISTS OF FORCE MAIN INSTALLATION FROM STA. 0+00 TO STA. 35+53±.

SHEET 3 OF 17		SEWER SYSTEM IMPROVEMENTS	
REVISIONS		CONTRACT 17-01 MORNINGSIDE DRIVE 8-INCH FORCE MAIN	
1 ADDENDUM NO. 2 7/2/2018 WZM		FORCE MAIN "FM-1"	
		STA. 14+50 TO STA. 28+50	
		FOR	
		CHAPEL HILL, TENNESSEE	
DATE JAN. 2017			
JOB NUMBER 2034			
SCALE 1"=50' HOR. 1"=10' VER.			
DESIGNED SBC			
DRAWN RSS			
CHECKED JGD			

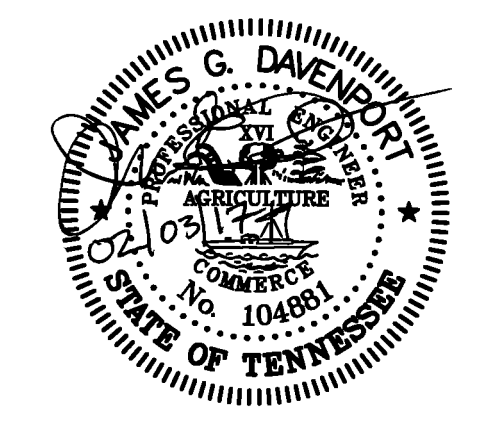
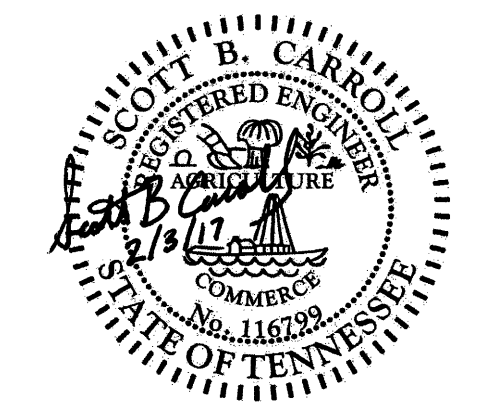


LINE "FM-1"
 8-INCH SEWAGE FORCE MAIN
 36-INCHES COVER OUTSIDE PAVED AREAS
 30-INCHES COVER UNDER PAVED AREAS



DEDUCTIVE ALTERNATE NO. 1 CONNECTION
 NOT TO SCALE

- CONSTRUCTION NOTES:**
- SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
 - ADDITIONAL DEPTH OF CUT BELOW 36-INCH DEPICTED ON THESE PLANS IS NOT A SEPARATE PAY ITEM.
 - NO UNIT PRICE PAYMENT WILL BE MADE FOR ITEMS INCLUDED IN THE LUMP SUM PRICE FOR CONNECTION NO. 2.
 - ALL FITTINGS SHALL UTILIZE RESTRAINT GLANDS EQUAL SERIES 1100 MEGALUG BY EBAA IRON, INC. AND CONCRETE KICKERS.
 - THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES A MINIMUM OF 200 FEET PRIOR TO PIPE INSTALLATION TO AVOID CONFLICTS.
 - DEDUCTIVE ALTERNATE NO. 1 CONSISTS OF FORCE MAIN INSTALLATION FROM STA. 0+00 TO STA. 35+53±.
 - IF THE OWNER PROCEEDS WITH THIS PROJECT AND CHOOSES TO TAKE DEDUCTIVE ALTERNATE NO. 1, THE CONTRACTOR SHALL CONNECT THE EXISTING 6-INCH FORCE MAIN TO THE NEW 8-INCH FORCE MAIN AT APPROXIMATE STA. 35+53± AS SHOWN ON THE PLANS. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS CONNECTION.



SHEET 4 OF 17		SEWER SYSTEM IMPROVEMENTS	
REVISIONS		CONTRACT 17-01 MORNINGSIDE DRIVE 8-INCH FORCE MAIN	
1 ADDENDUM NO. 2 7/2/2018 WZM		FORCE MAIN "FM-1" STA. 28+50 TO STA. 40+00	
		FOR	
		CHAPEL HILL, TENNESSEE	
DATE	JAN. 2017	DESIGNED	SBC
JOB NUMBER	2034	DRAWN	RSS
SCALE	1"=50' HOR. 1"=10' VER.	CHECKED	JGD
		WAUFORD J. R. Wauford & Company, Consulting Engineers, Inc. Maryville, Tennessee (865) 984-9638 www.jrwauford.com	