



Request for Bid
Gravity Sewer Pkg B Construction Addendum No. 2 to
RFB No. 421848.71.0420
April 8, 2025



The following information encompasses Addendum No. 2 for the above referenced RFB. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Bid. Failure to do so may result in the rejection of the Bid.

Section 1 – Additional Notes, Update to 00170.1 Introduction
Section 2 – Update to 00170.16 Selection Schedule
Section 3 – Update to 00370.3.1.1 Unit Prices Breakdown
Section 4 – Update to Plan Sheets

All other conditions and requirements remain unchanged.

Section 1
Additional Notes, Update to 00170.1 Introduction

NOTE:

In the pre-bid meeting, it was discussed that 1299 E. McLemore was not ready for construction. The issues have been resolved and now can be constructed at the winning bidder's choice. We are still working through the easements and approvals for Bellevue but are expecting to have completed in time when contractor has completed the other three sites in this project.

00170 - Request for Bid

00170.1 Introduction

Sealed bids will be received at the Office of the City of Memphis Environmental Administration, Room 620, City Hall, 125 N. Main, Memphis, TN 38103, until **2:00 p.m. local time, April 15 ~~24~~, 2025** furnishing the City of Memphis with the following:

FOR THE DIVISION OF: PUBLIC WORKS FOR THE CONSTRUCTION OF:
SARP10 Program **Gravity Sewer Package B Construction**

The Sealed Bid envelope must be labeled with the project name, bidder's name, license bidder number, license expiration date, license classification. The Sealed Bid envelope must contain one (1) hardcopy of the bid and one (1) electronic CD copy of the bid.

Sealed Bids sent through the mail or other such delivery service shall be sent in such a manner so as to allow the opening of the "Mailing Container" and still have intact the sealed Bid. On the Mailing Container the sender shall state the words that a **"SEALED RESPONSE IS ENCLOSED"** and the Bid number.

Subcontractors intending to bid on this project must follow the instructions for Registration as stated in the Advertisement Legal Notice Request for Bid No. **421848.71.0420** (dated March 4, 2025). Registration information must be submitted by **March 27, 2025**.

00170.2 Program Overview

The Program consists of the management of the capital program needed to bring the City's wastewater and sewer system into compliance with federal and state regulations per the City of Memphis Wastewater Collection and Transmission System (WCTS) Condition Assessment and Rehabilitation Program Consent Decree signed on September 21, 2012, including the procurement of studies, design and construction services associated with the City of Memphis SARP10 Program.

00170.3 Scope of Work

This project involves the installation of new sewer pipelines at four designated locations in Memphis, including associated infrastructure improvements. The scope includes the construction of new sewer lines, installation of manholes, post-construction CCTV inspections, and abandonment of existing pipelines as required.

00170.4 Bid Guarantee Requirements

Guarantee Requirements:

- a) Bidder will not withdraw bid for one hundred eighty (180) calendar days after opening of bids without Purchaser's written consent.
- b) If bid is accepted, bidder will enter into formal Subcontract with Purchaser, within five (5) calendar days after receipt of Subcontract documents for execution.
- c) If bid is accepted, bidder will execute required 100% Performance/Payment Bond in accordance with Article 00571.4 and will obtain required insurance coverage in accordance with Article 00572.21 within ten (10) calendar days after receipt of Subcontract.
- d) All bids will require a bidder's bond or certified or cashier check made payable to the Purchaser on a solvent bank in the amount of 5% of the bid. Said instrument to remain in effect and will be returned only after the Subcontract has been fully executed and secured. Additionally, the successful bidder shall execute a performance bond in an amount equal to 100% of the Subcontract sum as security for the faithful performance of the Subcontract and for the payment of labor and material furnished and incorporated into the Work. The only acceptable form of instrument for this bid bond is bound herein, Article 00672.7.

Bidder shall be liable to the Purchaser for full amount of proposal guarantee as representing damage to the Purchaser on account of default of bidder if:





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Section 2
Update to 00170.16 Selection Schedule

00170.14 Other Items

This Bid does not commit Purchaser to enter into a Subcontract, nor does it obligate Purchaser to pay for any costs incurred in the preparation and submission of Responses or in anticipation of a Subcontract. Costs of preparing the Bid in response to this request are solely the responsibility of the Respondent.

By responding to this solicitation, the respondent attests that no employee of Black & Veatch, Overland Contracting, Allen & Hoshall, Allworld Project Management, Gresham Smith, Carter-Malone Group, or City of Memphis employee or any such person's spouse, child, parent, brother, sister, dependent or person assuming a relationship being the substantially equivalent of the above, has an existing or pending, direct or indirect, financial interest in the respondent's business.

No Respondents to this solicitation shall discriminate against any employee or applicant for employment because of race, religion, color, sex, age, or national origin.

00170.15 Selection Process

Purchaser intends to select one Firm based on price and successful completion and approval of the OCI Registration process.

00170.16 Selection Schedule

The following schedule will be adhered to during the selection process. It is subject to change at the sole discretion of OCI.

Event	Completed By
Advertising Date	March 4, 2025
Pre-Bid Meeting	March 20, 2025
Registration Information submitted per 421848.71.0420 Advertisement	March 27, 2025
Last Date for Bidder Questions	March 27, 2025
Issue Addendum for answers to questions	April 8, 2025
Receive all Bids	April 15 24 , 2025 by 2:00 pm local time
Public Opening	April 15, 2025 immediately following receipt of bids
Public Notice of Intent to Award	April 29, 2025
Preconstruction Meeting with Subcontractor	May 6, 2025
Tentative Notice to Proceed	May 6, 2025

00170.17 Mandatory Pre-Bid Meeting

A mandatory pre-bid meeting will be held at **9:30 A.M** (local time) at the **Environmental Maintenance Office, 2865 Frayser Boulevard, Memphis, TN 38127** on **March 20, 2025**. Bidders are required to attend at their own cost.



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Section 3
Update to 00370.3.1.1 Unit Prices Breakdown

Table 00370.3.1 - Unit Price Bid Form

Bidder should refer to Section 00270, Instructions to Bidders, when completing this Bid Form. Bidder shall complete this form entirely and return it with Bidder's Bid.					
Bid Submitted by: (Company Name)					
00370.3 Bid Pricing Information					
00370.3.1 Unit Pricing					
Bidder proposes to complete the RFB Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFB Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFB documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation. In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Subcontractor shall provide a new unit price for review and acceptance by the Purchaser. Subcontractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00370.3.1.1 Unit Prices Breakdown					Bidder Response Columns
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
71.0420 Gravity Sewer Pkg B Construction					
South Bellevue Boulevard and Walker Street					
01000-01	Mobilization	Lump Sum	1		\$ -
01100-02	Erosion Control	Lump Sum	1		\$ -
01551-5.02	Traffic Control Devices for Construction Work Zones	Lump Sum	1		\$ -
02530-6.02	Pavement Backfill	Cubic Yard	500		\$ -
<u>02530-6.05</u>	<u>Service Connection Removal & Replacement</u>	<u>Each</u>	<u>1</u>		\$ -
02530-6.07	Clay Tube by Mechanical Bore (10")	Linear Foot	623		\$ -
0.2531-6.00	Plug Pipe Termination in Existing Sewer Manhole	Each	2		\$ -
0.2531-6.01	<u>48" Diameter Precast Manhole Installation (standard depth of 6")</u> Standard Depth Sewer Manhole	Each	3		\$ -
0.2531-6.02	<u>48" Diameter Precast Manhole Installation (VF more than 6' deep)</u> Extra Depth Sewer Manhole	Vertical Foot	24		\$ -
0.2531-6.09	Sewer Manhole and Structure Abandonment	Each	1		\$ -
02544-4.01.C-1	Post MSCP Level2 Manhole Inspection	Each	2		\$ -
02544-4.02.A	Post GPS Coordinates of Manhole Cover	Each	2		\$ -
02599-03	Hand Excavation / Hydro Excavation of Bore Pit	Each	3		\$ -
02760-5.29	Lane Striping & Pavement Markings in Place a Per Planning Removal as Per Plan	Lump Sum	1		\$ -
0.2950-05	Asphalt or Concrete Driveway and Paved Area Removal and Replacement	Square Yard	10		\$ -
East McLemore Avenue and Wilson Street					
01000-01	Mobilization	Lump Sum	1		\$ -
01100-02	Erosion Control	Lump Sum	1		\$ -
01551-5.02	Traffic Control Devices for Construction Work Zones	Lump Sum	1		\$ -
02530-6.02	Pavement Backfill	Cubic Yard	500		\$ -
02530-6.07	Clay Tube by Mechanical Bore (8")	Linear Foot	232		\$ -
02530-6.17.02.08	8 Inch PVC Serwer in Bored Hole without Liner Pipe	Linear Foot	142		\$ -
02531-6.00	Plug Pipe Termination in Existing Serwer Manhole	Each	2		\$ -
02531-6.01	<u>48" Diameter Precast Manhole Installation (standard depth of 6")</u> Standard Depth Sewer Manhole	Each	2		\$ -
02531-6.02	<u>48" Diameter Precast Manhole Installation (VF more than 6' deep)</u> Extra Depth Sewer Manhole	Vertical Foot	28		\$ -
02531-6.09	Sewer Manhole and Structure Abandonment	Each	2		\$ -
02544-4.01.C-1	Post MSCP Level2 Manhole Inspection	Each	2		\$ -
02544-4.02.A	Post GPS Coordinates of Manhole Cover	Each	2		\$ -
02599-03	Hand Excavation / Hydro Excavation of Bore Pit	Each	2		\$ -
02760-5.29	Lane Striping & Pavement Markings in Place a Per Planning Removal as Per Plan	Lump Sum	1		\$ -
02950-05	Asphalt or Concrete Driveway and Paved Area Removal and Replacement	Square Yard	20		\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Madison Avenue and Manassas Street					
01000-01	Mobilization	Lump Sum	1		\$ -
01100-02	Erosion Control	Lump Sum	1		\$ -
01551-5.02	Traffic Control Devices for Construction Work Zones	Lump Sum	1		\$ -
02530-6.02	Pavement Backfill	Cubic Yard	500		\$ -
02530-6.07	Clay Tube by Mechanical Bore (8")	Linear Foot	190		\$ -
02531-6.00	Plug Pipe Termination in Existing Sewer Manhole	Each	1		\$ -
02531-6.01	<u>48" Diameter Precast Manhole Installation (standard depth of 6")</u> Standard Depth Sewer Manhole	Each	1		\$ -
02531-6.02	<u>48" Diameter Precast Manhole Installation (VF more than 6' deep)</u> Extra Depth Sewer Manhole	Vertical Foot	5		\$ -
02531-6.09	Sewer Manhole and Structure Abandonment	Each	1		\$ -
02544-4.01.C-1	Post MSCP Level2 Manhole Inspection	Each	2		\$ -
02544-4.02.A	Post GPS Coordinates of Manhole Cover	Each	2		\$ -
02599-03	Hand Excavation / Hydro Excavation of Bore Pit	Each	1		\$ -
02760-5.29	Lane Striping & Pavement Markings in Place as Per Planning Removal as Per Plan	Lump Sum	1		\$ -
02950-05	Asphalt or Concrete Driveway and Paved Area Removal and Replacement	Square Yard	30		\$ -
South Front Street					
01000-01	Mobilization	Lump Sum	1		\$ -
01100-02	Erosion Control	Lump Sum	1		\$ -
01551-5.02	Traffic Control Devices for Construction Work Zones	Lump Sum	1		\$ -
02530-6.04	Pavement Backfill (COM SST-3)	Cubic Yard	2,752		\$ -
02530-6.05	Service Connection Removal & Replacement	Each	3		\$ -
02530-6.07.1.10.01	10 in PVC, 6.1-12 ft deep	Linear Foot	248		\$ -
02530-6.07.1.10.02	10 in PVC, 12.1-18 ft deep	Linear Foot	680		\$ -
02530-6.07.1.10.03	10 in PVC, 18.1-24 ft deep	Linear Foot	91		\$ -
02531-6.00	Plug Pipe Termination in Existing Sewer Manhole	Each	3		\$ -
02531-6.01	48" Diameter Precast Manhole Installation (standard depth of 6")	Each	5		\$ -
02531-6.02	48" Diameter Precast Manhole Installation (VF more than 6' deep))	Vertical Foot	36		\$ -
02531-6.09	Abandon Existing Sewer Structure	Each	1		\$ -
02541-4.01.A	Post Light Cleaning & Mainline CCTV Inspection for 10" Pipe	Linear Foot	1,019		\$ -
02544-4.01.C-1	Post MSCP Level2 Manhole Inspection	Each	5		\$ -
02544-4.02.A	Post GPS Coordinates of Cleanout or Manhole Cover	Each	5		\$ -
02599-03	Hand Excavation / Hydro Excavation	Linear Foot	1,019		\$ -
02775-01.04	Sidewalk Removal and Replacement	Linear Foot	167		\$ -
02950-04	Curb and Gutter Removal and Replacement	Linear Foot	41		\$ -
02950-05	Asphaltic Concrete Pavement Removal and Replacement	Square Yard	2,753		\$ -
71.0420 Gravity Sewer Pkg B Construction - Total Estimated Unit Price Value					\$ -



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Section 4
Update to Plan Sheets



B1
1" = 50'

PLAN VIEW

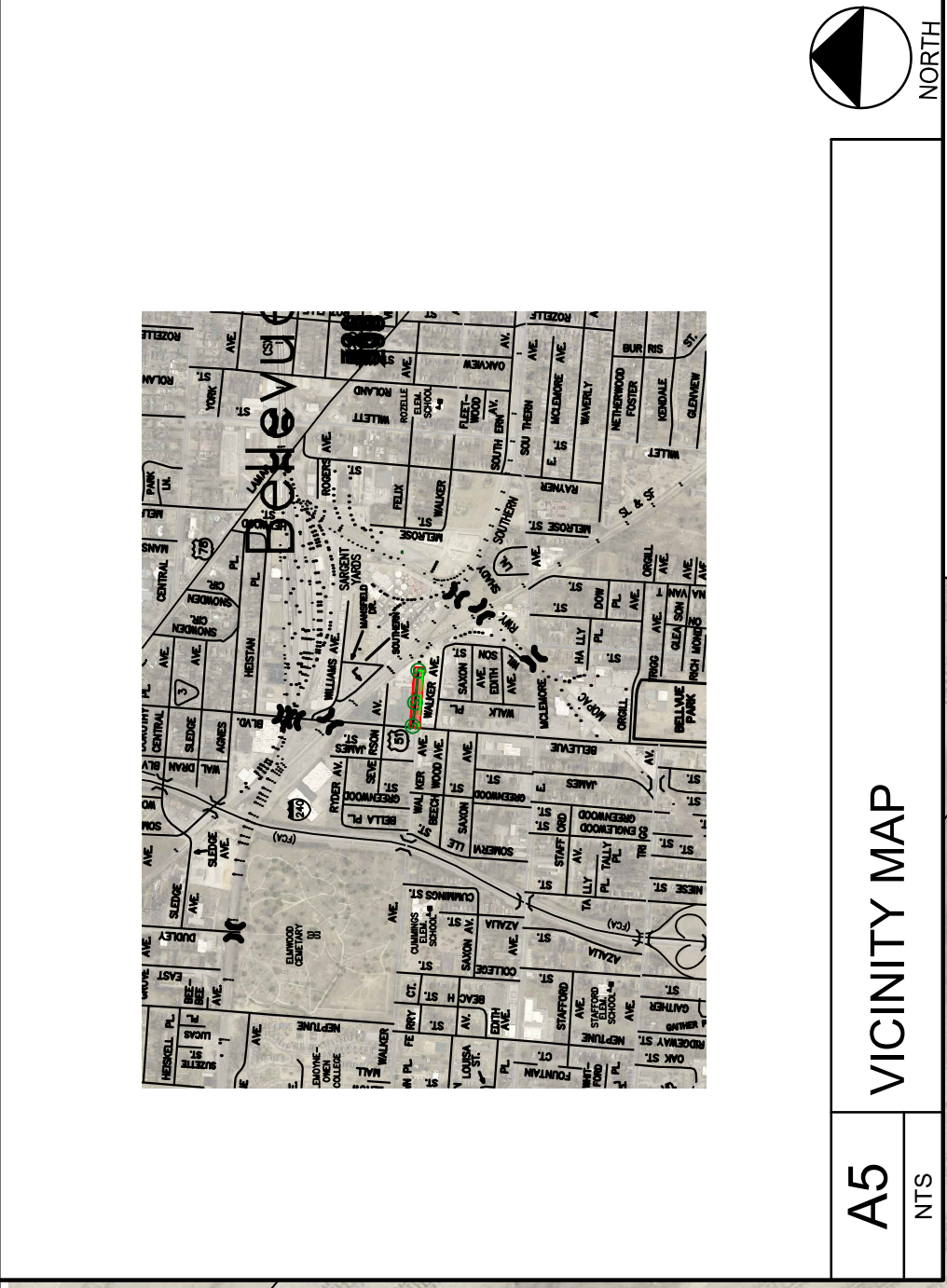
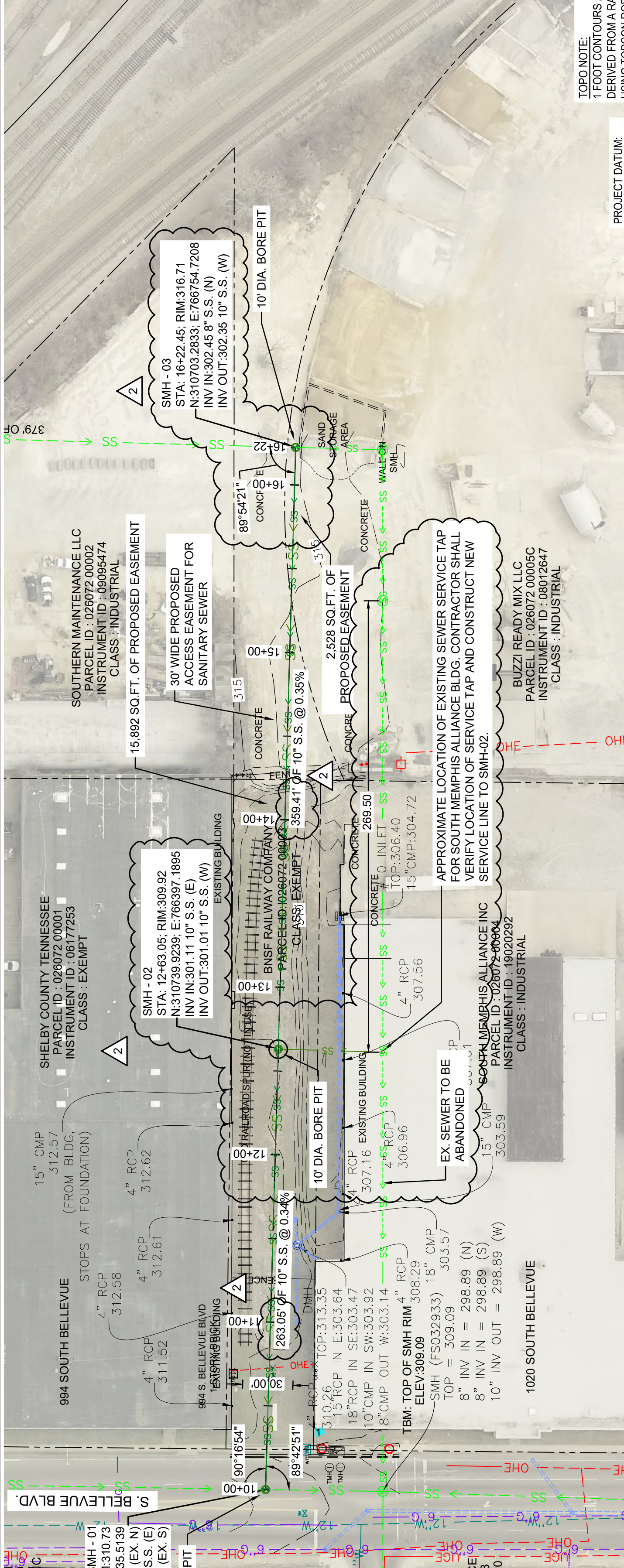
NOTE REGARDING 1020 SOUTH BELLEVUE

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL:

- COORDINATE WITH PROPERTY OWNER AND THE CITY OF MEMPHIS TO FIELD VERIFY SEWER SERVICE LOCATION AND DEPTH FOR 1020 S. BELLEVUE.
- THE CONSTRUCTION DRAWINGS.



GRAPHIC SCALE: 1" = 50'

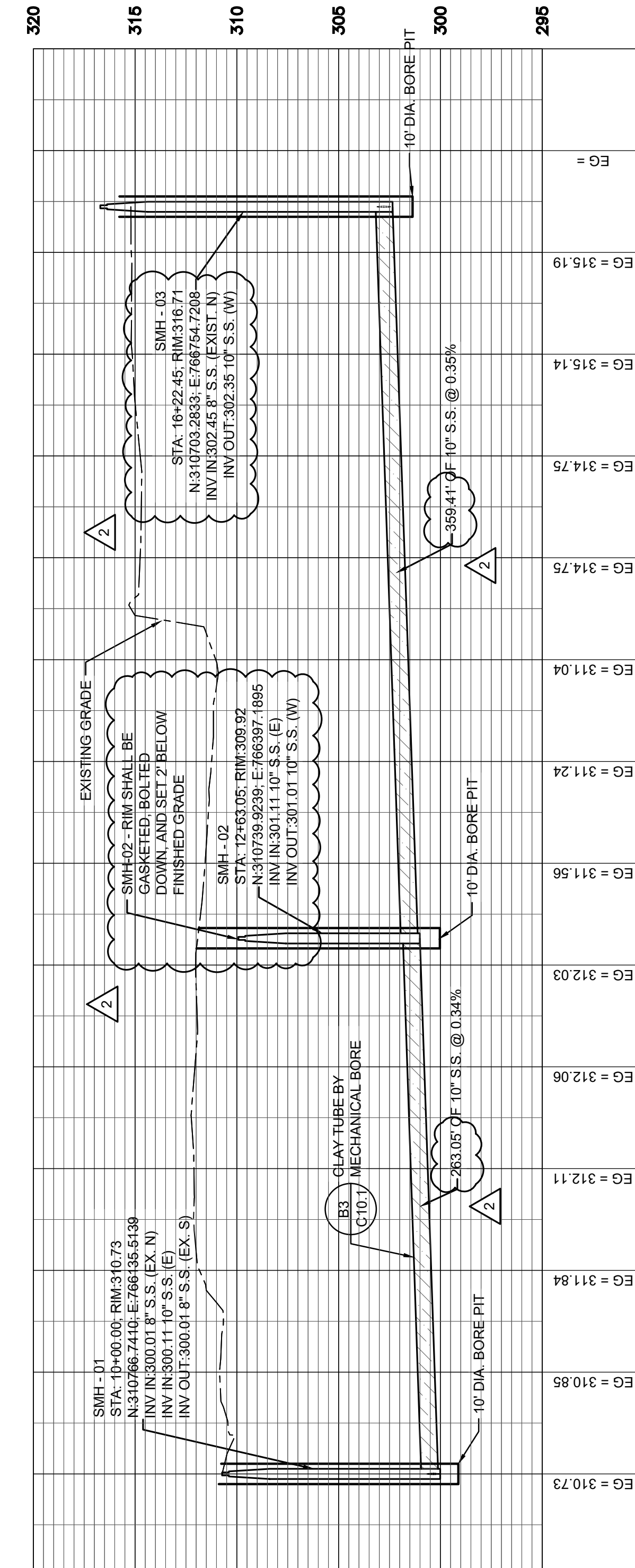


SYMBOL LEGEND	
	IRON PIN
	STORM CLEANOUT
	SINGLE POLE SIGN
	FIRE HYDRANT
	WATER VALVE
	MANHOLE
	ELECTRIC METER
	ELECTRIC BOX
	POWER POLE
	SEWER CLEAN OUT
	WATER METER
	LIGHT POLE WITH CONC BASE
	POWER POLE WITH LIGHT
	BOLLARD
	TELEPHONE JUNCTION BOX
	TELEPHONE MANHOLE
	GAS METER
	CATCH BASIN
	6-72 INLET
	SPOT ELEV
	GAS VALVE
	SANITARY SEWER MANHOLE
	WIRE ANCHOR
	FIRE DEPARTMENT CONNECTION
	AUTO SPEAKER
	PEDESTRIAN LIGHT
	BACKFLOW PREVENTER
	ROOFDRAIN/DOWNSPOUT

NOTE:

MECHANICAL BORE METHOD (DIRECT JACK PIPE)

- PREPARATION:**
 - EXCAVATE AND PREPARE JACKING AND RECEIVING PITS AT BOTH ENDS OF THE PROPOSED SEWER LINE.
 - ENSURE ACCURATE ALIGNMENT AND SLOPE CONTROL FOR THE PIPE INSTALLATION.
- JACKING EQUIPMENT:**
 - SET UP HYDRAULIC JACKING EQUIPMENT IN THE JACKING PIT TO PUSH THE CLAY PIPE THROUGH THE SOIL TO THE RECEIVING PIT.
 - ATTACH A SUITABLE CUTTING HEAD TO THE LEADING EDGE OF THE FIRST PIPE SEGMENT TO AID SOIL DISPLACEMENT.
- PIPE INSTALLATION:**
 - UTILIZE HYDRAULIC JACKS TO DIRECTLY JACK THE CLAY PIPE INTO THE SOIL, CREATING A BOREHOLE AS THE PIPE IS PUSHED THROUGH.
 - PROVIDE CONTINUOUS SUPPORT TO THE CLAY PIPE TO PREVENT DAMAGE AND ENSURE IT FOLLOWS THE DESIRED ALIGNMENT AND SLOPE.
- SPOIL REMOVAL:**
 - REMOVE EXCAVATED SOIL (SPOIL) FROM THE BOREHOLE THROUGH THE PIPE ITSELF OR BY USING A VACUUM SYSTEM, ENSURING A CLEAR PATH FOR THE PIPE.
- SUBSEQUENT PIPE SEGMENTS:**
 - SECURELY CONNECT SUBSEQUENT CLAY PIPE SEGMENTS AS THEY ARE JACKED THROUGH THE BOREHOLE, MAINTAINING CONTINUOUS SUPPORT.
 - ENSURE JOINTS BETWEEN PIPE SEGMENTS ARE PROPERLY SEALED TO PREVENT INFILTRATION.
- COMPLETION:**
 - AFTER THE ENTIRE LENGTH OF THE PIPE IS INSTALLED, PERFORM NECESSARY FINISHING OPERATIONS SUCH AS SEALING JOINTS AND INSPECTING THE ALIGNMENT AND GRADE.
 - RESTORE THE JACKING AND RECEIVING PITS AND ANY DISTURBED AREAS TO THEIR ORIGINAL CONDITION.



NOTE: MANHOLE STRUCTURE-2 IS ALL NEW.
MANHOLE STRUCTURE 1 AND 3 ARE NEW DOGHOUSE
SEWER MANHOLE OVER EXISTING LINES.

C1
1" = 50' H/S V

PROFILE VIEW

LEGENDS	
---	PARCEL LINE
---	EXIST. OVERHEAD ELECTRIC LINE
---	EXIST. UNDERGROUND ELECTRIC LINE
---	EXIST. 2" GAS LINE
---	EXIST. 4" GAS LINE
---	EXIST. 6" GAS LINE
---	EXIST. SANITARY SEWER LINE
---	PROPOSED SANITARY SEWER LINE
---	EXIST. 6" WATER LINE
---	EXIST. 10" WATER LINE
---	EXIST. 12" WATER LINE
---	EXIST. 16" WATER LINE
---	EXIST. FENCE LINE
---	EXIST. GAS LINE
---	MAJOR CONTOUR LINE
---	MINOR CONTOUR LINE
---	EXIST. GUTTER LINE
---	EXIST. DRAIN LINE
---	EXIST. CONCRETE LINE

D1
NTS

LEGEND

- TYPICAL CONSTRUCTION NOTES**
- LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERIMETERS. FOR SITE LOCATIONS OF EXISTING UTILITIES INVOLVING M.L.G.W., SOUTH CENTRAL BELL, TEXAS GAS COMPANY, AND/OR CITY OF MEMPHIS SEWER, PLEASE CALL 811.
 - CONTRACTOR SHALL ENSURE UNINTERRUPTED SEWER SERVICE ON EXISTING SEWER AND SERVICE CONNECTIONS BY PROVIDING AMPLE TEMPORARY WASTEWATER PUMPING AND/OR BYPASSING.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
 - CONTRACTOR SHALL NOTIFY THE SARP10 CONSTRUCTION MANAGER AT 901-452-2985 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
 - ALL SANITARY SEWER TO BE CONSTRUCTED AS PER CITY OF MEMPHIS STANDARD SPECIFICATIONS. SANITARY SEWER SERVICE CONNECTIONS TO BE INSTALLED AS PER CITY OF MEMPHIS STANDARD SSI-16.
 - ALL SEWER MANHOLE LIDS IN OPEN AREAS ARE TO BE CONSTRUCTED 1.5' ABOVE PROPOSED GRADE. IN BACKYARDS, MANHOLE LIDS ARE TO BE 1.5' ABOVE INITIAL GRADE, 0.5' ABOVE FINAL GRADE.
 - ALL SANITARY SEWER INCLUDING SERVICE CONNECTIONS, WHICH HAS LESS THAN 1.5' CLEARANCE (OUTSIDE OF PIPES) WITH DRAINAGE OR IN FILLED AREAS SHALL BE WITH PROTECTO 40T OR APPROVED EQUIVALENT.
 - GLASS 50 D.I.P. OR CONCRETE ENCASED. 10' MINIMUM BOTH SIDES OF CROSSING. ALL DUCTILE IRON PIPE (D.I.P.) SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTO 40T OR APPROVED EQUIVALENT.
 - THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS RIGHTS TO USE PRIVATE DRIVES AND YARDS FOR THE PURPOSE OF MAINTAINING ALL PUBLIC SEWER LINES AND NO TREES, SHRUBS, PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASEMENT. NO OTHER UTILITIES OR SERVICES MAY OCCUPY SANITARY SEWER EASEMENTS IN PRIVATE DRIVES AND YARDS EXCEPT FOR CROSSINGS.
 - ALL SANITARY SEWER MANHOLES IN REVERSE CROWN STREETS, ALLEYS, OR DRIVES (PUBLIC OR PRIVATE) SHALL BE PROVIDED WITH GASKETS AND PLUGS FOR PICK HOLES TO PREVENT DRAINAGE INFLOW INTO SEWER SYSTEM.
 - THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.
 - TRACER WIRE SHALL BE INSTALLED ALONG THE LENGTH OF ALL SEWER PIPES, SERVICE CONNECTIONS, MANHOLES, AND STUBS PER STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD SHEET SSI-17.

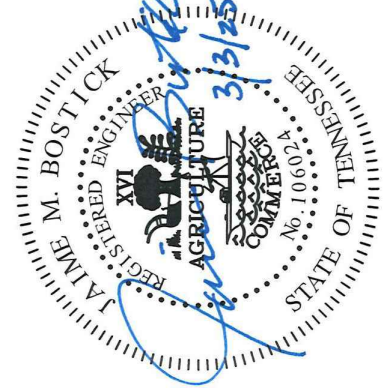
D2
NTS

TYPICAL CONSTRUCTION NOTES

SEWER BASIN ID: FS-3

CONSTRUCTION DOCUMENTS

ITEM NO.	DESCRIPTION OF CHANGE	REVISION	APPROVAL DATE
2	ADDENDUM 2		04-08-2025



THIS PROJECT IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA (ZONE A) PER FLOOD INSURANCE RATE MAP, MAP NUMBER 47157C0410F, DATED SEPTEMBER 28, 2007.

DWG NO. **C5.1**

DIVISION OF ENGINEERING

S. BELLEVUE BLVD & WALKER ST. - PLAN AND PROFILE

MEMPHIS, TENNESSEE

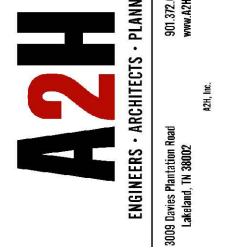
SURVEY: A2H DATE: 02/03/23 BOOK: 1" = 50'

DESIGN BY: A2H DATE: 09/10/24 SCALE: 1" = 50' (REVIEWED)

SARP10 - GRAVITY SEWER IMPROVEMENT PACKAGE B

DEVELOPER: CITY OF MEMPHIS

ENGINEER: A2H, INC.



A2H
ENGINEERING & ARCHITECTURE
1321 JEFFERSON
MEMPHIS, TN 38104
901.525.1100

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE