

ADDENDUM NO. 1

**TERRELL HEIGHTS STORM SEWER IMPROVEMENTS
PHASE 1 AND PHASE 2**

**CITY OF CARTERSVILLE
CARTERSVILLE, GA**

GENERAL

Bidders must be registered on Engineer's list of plan holders available at Barge Design Solutions, Inc's Planroom at <https://bidding.bargedesign.com/>.

SPECIFICATIONS

Replace Specification Section 00 41 00 Bid Form with the attached version of 00 41 00 Bid Form included with this addendum.

DRAWINGS

Replace Phase 2 Sheet C1.01 with the attached version of C1.01 included with this addendum.

Replace Phase 2 Sheet C5.06 with the attached version of C5.06 included with this addendum.

Bidder Must Acknowledge Receipt of this Addendum on Bid Form

September 19, 2023

Barge Design Solutions, Inc.
2839 Paces Ferry Road SE, Suite 850
Atlanta, Georgia 30339
770-628-7631

Attachments:

Specification Section 00 41 00 – Bid Form
Phase 2 – Sheet C1.01
Phase 2 – Sheet C5.06

**TERRELL HEIGHTS STORM SEWER IMPROVEMENTS
PHASE 1 AND PHASE 2 CONSTRUCTION DRAWINGS**

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

City of Cartersville
City Hall
1 N Erwin Street
Cartersville, GA 30120

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for period of time after the Bid opening as stated in the Advertisement for Bids, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to

- existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
 - F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
 - G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
 - H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
 - I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
 - J. Where this Bid Form contains the provision for a bid based on a lump sum price, the Bidder shall be responsible for having prepared its own estimate of the quantities necessary for the satisfactory completion of the Work specified in these Contract Documents and for having based the lump sum price bid on its estimate of quantities.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
PHASE 1					
1.	Erosion and Sedimentation Control	1	LS	\$	\$
2.	Removing and Replacing Pavement				
a.	Asphalt Mill and Overlay	500	SY	\$	\$
b.	Curb and Gutter	100	LF	\$	\$
3.	Water Mains and Accessories				
a.	6" DIP Water Main	60	LF	\$	\$
b.	Clean-up, Testing, and Disinfection	1	LS	\$	\$
4.	Sewer and Accessories				
a.	8" DIP Sewer	60	LF	\$	\$
b.	48" Sanitary Sewer Doghouse Manhole	1	EA	\$	\$
c.	Clean-up and Testing	1	LS	\$	\$
5.	Storm Pipe Cured-In-Place Rehabilitation				
a.	Cured in place pipe lining of 24" CMP	500	LF	\$	\$
6.	Storm Pipe				
a.	18" RCP	95	LF	\$	\$
b.	24" RCP	70	LF	\$	\$
c.	24" Equivalent Arch Concrete Pipe	100	LF	\$	\$
d.	36" Equivalent Arch Concrete Pipe	240	LF	\$	\$
7.	Storm Drainage Structures/ Junction Boxes				
a.	Concrete Headwall	1	EA	\$	\$
b.	90"x140" Junction Box	1	EA	\$	\$
c.	84" Diameter Junction Box/Grate Inlet	1	EA	\$	\$
d.	12"x12" Junction Box/Grate Inlet	1	EA	\$	\$
8.	Tree Removal	1	LS	\$	\$
9.	Site Restoration (Concrete driveway, sidewalks, fencing, landscaping, etc.)	1	LS	\$	\$

PHASE 2						
10.	Erosion and Sedimentation Control	1	LS	\$	\$	
11.	Removing and Replacing Pavement					
a.	Asphalt Mill and Overlay	2,175	SY	\$	\$	
b.	Curb and Gutter	450	LF	\$	\$	
12.	Stormwater Storage Pond (OCS, Grading, and Wall)	1	LS	\$	\$	
13.	Water Mains and Accessories					
a.	6" DIP Water Main	70	LF	\$	\$	
b.	Clean-up, Testing, and Disinfection	1	LS	\$	\$	
14.	Sewer and Accessories					
a.	8" HDPE Sewer (By Pipe Bursting)	335	LF	\$	\$	
b.	6" HDPE Sewer	30	LF	\$	\$	
c.	Clean-up and Testing	1	LS	\$	\$	
15.	Storm Pipe					
a.	36" RCP	680	LF	\$	\$	
b.	36" Equivalent Arch Concrete Pipe	300	LF	\$	\$	
16.	Storm Drainage Structures/ Junction Boxes					
a.	Concrete Headwall	1	EA	\$	\$	
b.	60" Junction Box	6	EA	\$	\$	
c.	60" Junction Box/Grate Inlet	2	EA	\$	\$	
d.	60" Brick Pedestal Inlet	1	EA	\$	\$	
17.	Stormwater Storage Pond (OCS, Grading, and Wall)	1	LS	\$	\$	
18.	Site Restoration (Concrete driveway, sidewalks, fencing, landscaping, etc.)	1	LS	\$	\$	
ALLOWANCES						
19.	Soils and Concrete Testing	ALLOWANCE			\$	30,000.00
20.	Record Drawing Survey	ALLOWANCE			\$	20,000.00
21.	CIPP Testing	ALLOWANCE			\$	10,000.00

BID TOTAL, ITEMS 1 THROUGH 21, INCLUSIVE, THE AMOUNT OF _____

_____ DOLLARS (\$_____).

Bidder acknowledges Unit Prices have been determined in accordance with Paragraph 11.03.C of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid:

- A. Bid Bond
- B. Statement of Bidders Qualifications
- C. Non-Collusion Affidavit of Prime Bidder
- D. Corporate Certificate
- E. Georgia Security and Immigration Compliance Act Affidavits
- F. Contractor's License Certification
- G. Drug-Free Workplace Affidavit

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

Attest: _____
(Notary)

Name (typed or printed): _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

Attest: _____
(Signature of another Partner)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

Name (typed or printed): _____

A Joint Venture

Name of Joint Venturer: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

All Bidders shall complete the following:

Bidder's Business address: _____

Phone: _____ Facsimile: _____

Primary Contact: _____

Primary Contact E-mail: _____

Submitted on: _____, 20____.

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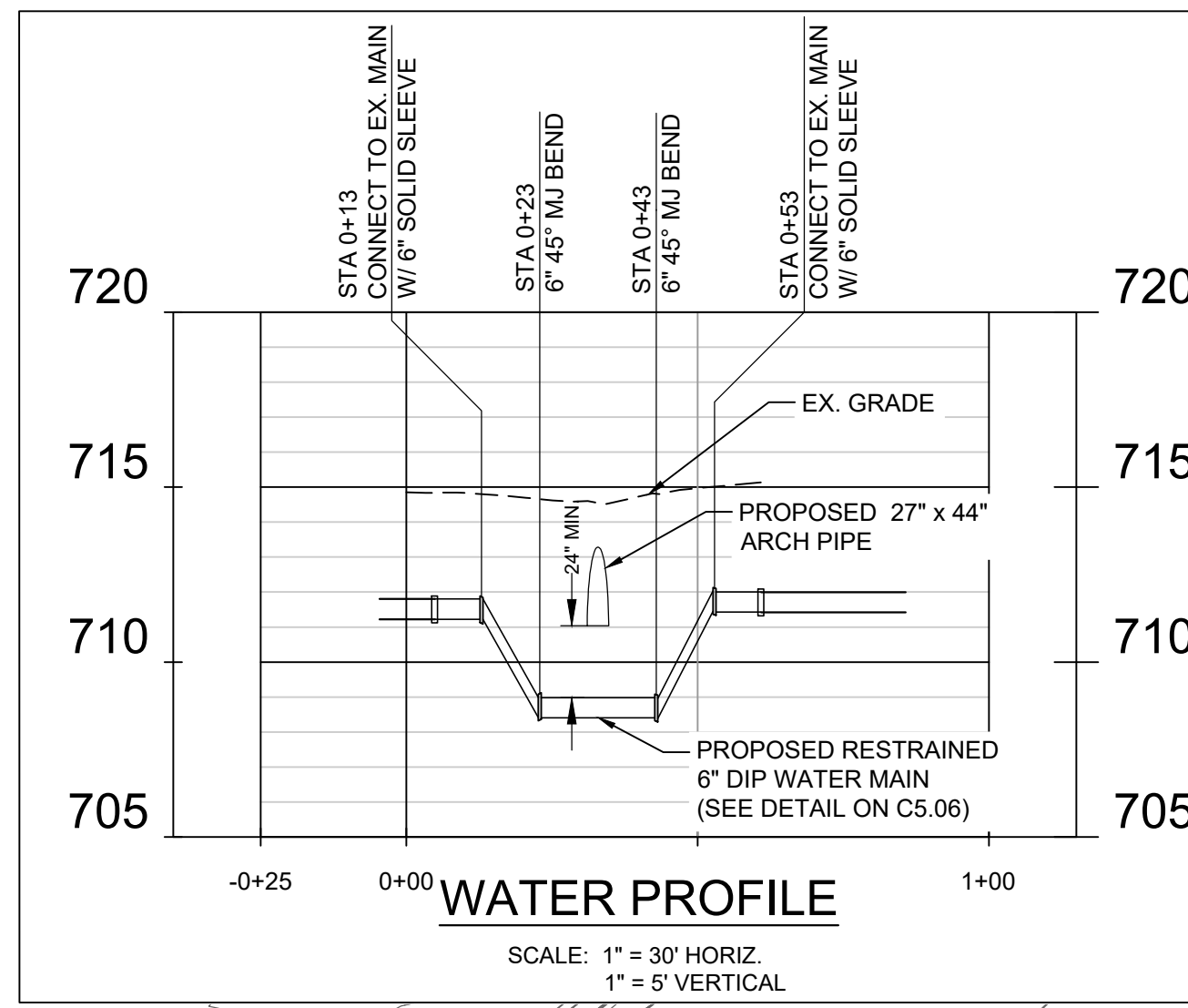
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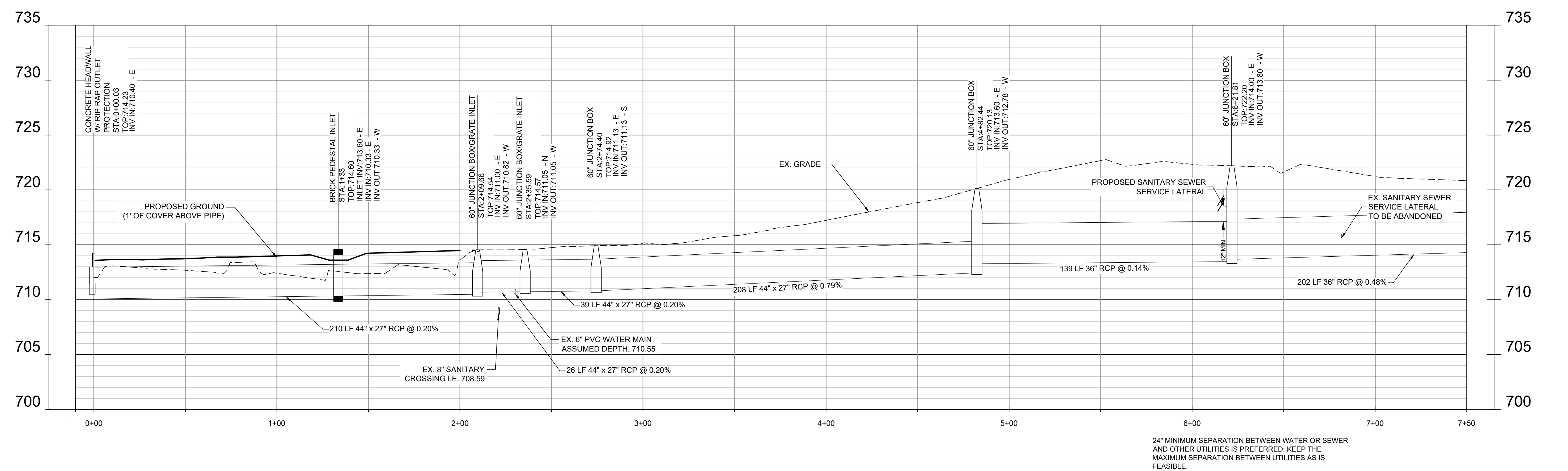
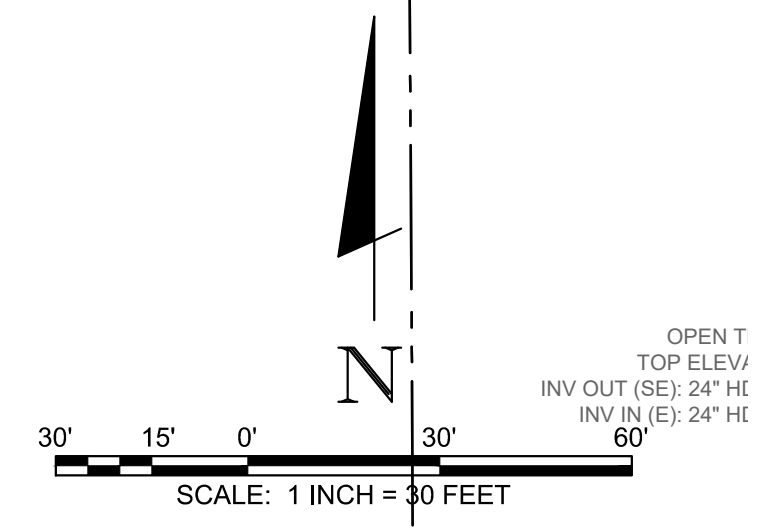
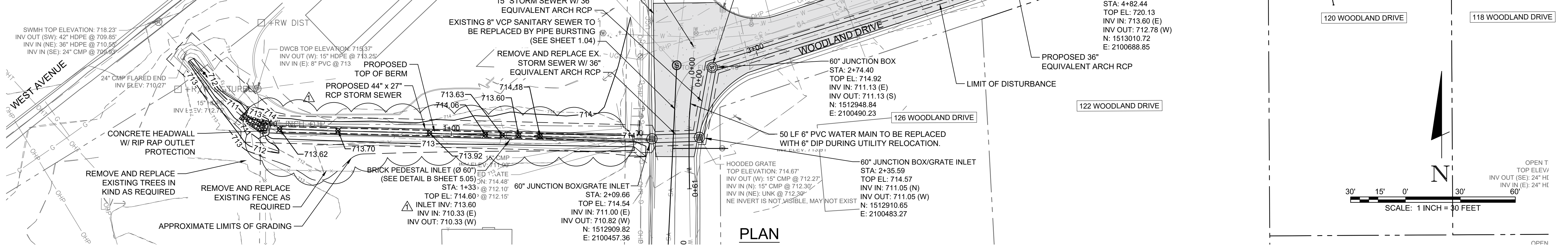
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WATER RELOCATION NOTE: CONTRACTOR TO COORDINATE WITH CITY OF CARTERSVILLE WATER DEPARTMENT TO PROGRESS WITH WATER SERVICE SHUT DOWN.

- NOTES:**
1. PRIOR TO CONSTRUCTION, CONTRACTOR IS TO FIELD VERIFY DEPTH AND LOCATION OF ALL WATER AND SEWER UTILITIES.
 2. CONTRACTOR IS TO COORDINATE WATER SERVICE DISRUPTION WITH THE CITY OF CARTERSVILLE WATER DEPARTMENT. SERVICE SHUT DOWN IS TO BE PERFORMED BY CITY PERSONNEL.
 3. CONTRACTOR IS TO COORDINATE WITH THE CITY OF CARTERSVILLE WATER DEPARTMENT FOR SANITARY SEWER SERVICE SHUT DOWN. SEWER SERVICE IS TO BE RESTORED WITHIN 12 HOURS OF SHUT DOWN.
 4. 24" MINIMUM SEPARATION BETWEEN WATER OR SEWER AND OTHER UTILITIES IS PREFERRED; KEEP THE MAXIMUM SEPARATION BETWEEN UTILITIES AS IS FEASIBLE.
 5. CONTRACTOR TO FIELD LOCATED SANITARY SEWER LATERALS PRIOR TO PIPE BURSTING. LATERALS TO BE RECONNECTED AFTER SEWER MAIN IS INSTALLED.



24" MINIMUM SEPARATION BETWEEN WATER OR SEWER AND OTHER UTILITIES IS PREFERRED; KEEP THE MAXIMUM SEPARATION BETWEEN UTILITIES AS IS FEASIBLE.

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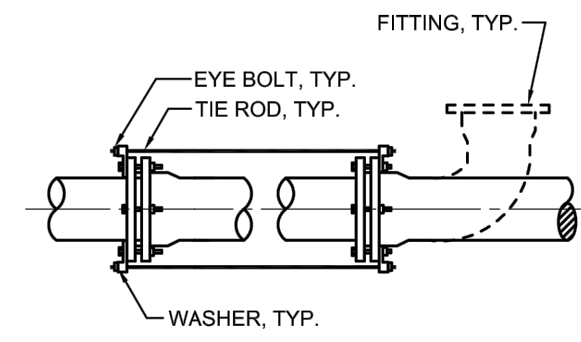


WOODLAND DRIVE PLAN & PROFILE
STA 0+00 TO STA 7+50
TERRELL HEIGHTS
STORM SEWER IMPROVEMENTS
PHASE 2
CARTERSVILLE, GEORGIA

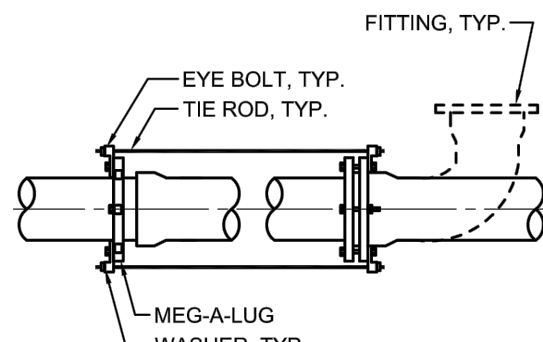
REV.	DR.	CHK.	DATE	DESCRIPTION
1	AB	DL	9/19/2023	ADDENDUM 1

C1.01
PROJ. NO. 37697-01

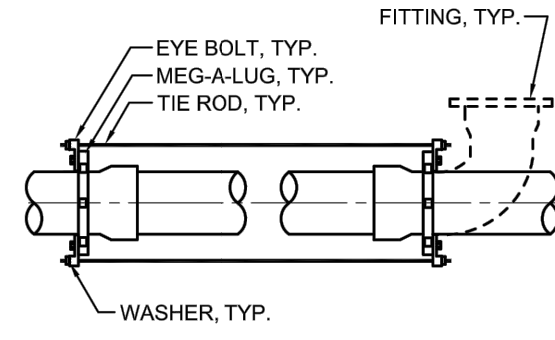
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SAVED: 9/19/2023
PLOTTED: 9/19/2023



**TYPE 1
FITTING RESTRAINT**



**TYPE 2
FITTING RESTRAINT**



**TYPE 3
FITTING RESTRAINT**

PIPE SIZE (IN.)	ROD SIZE (IN.)	NO. OF RODS (TEES, PLUGS AND VALVES)	NO. OF RODS (11'-11 1/4" - 22'-1/2" BENDS)	NO. OF RODS (45° - 90° BENDS)
6	3/4	3	2	3
8	3/4	3	3	3
10	3/4	4	4	4
12	3/4	4	4	6
14	3/4	6	4	6
16	3/4	6	6	6
20	3/4	6	6	6
24	3/4	8	8	8
30	1	6	6	6
36	1	6	6	6

**THRUST RESTRAINT
TIE ROD CHART**

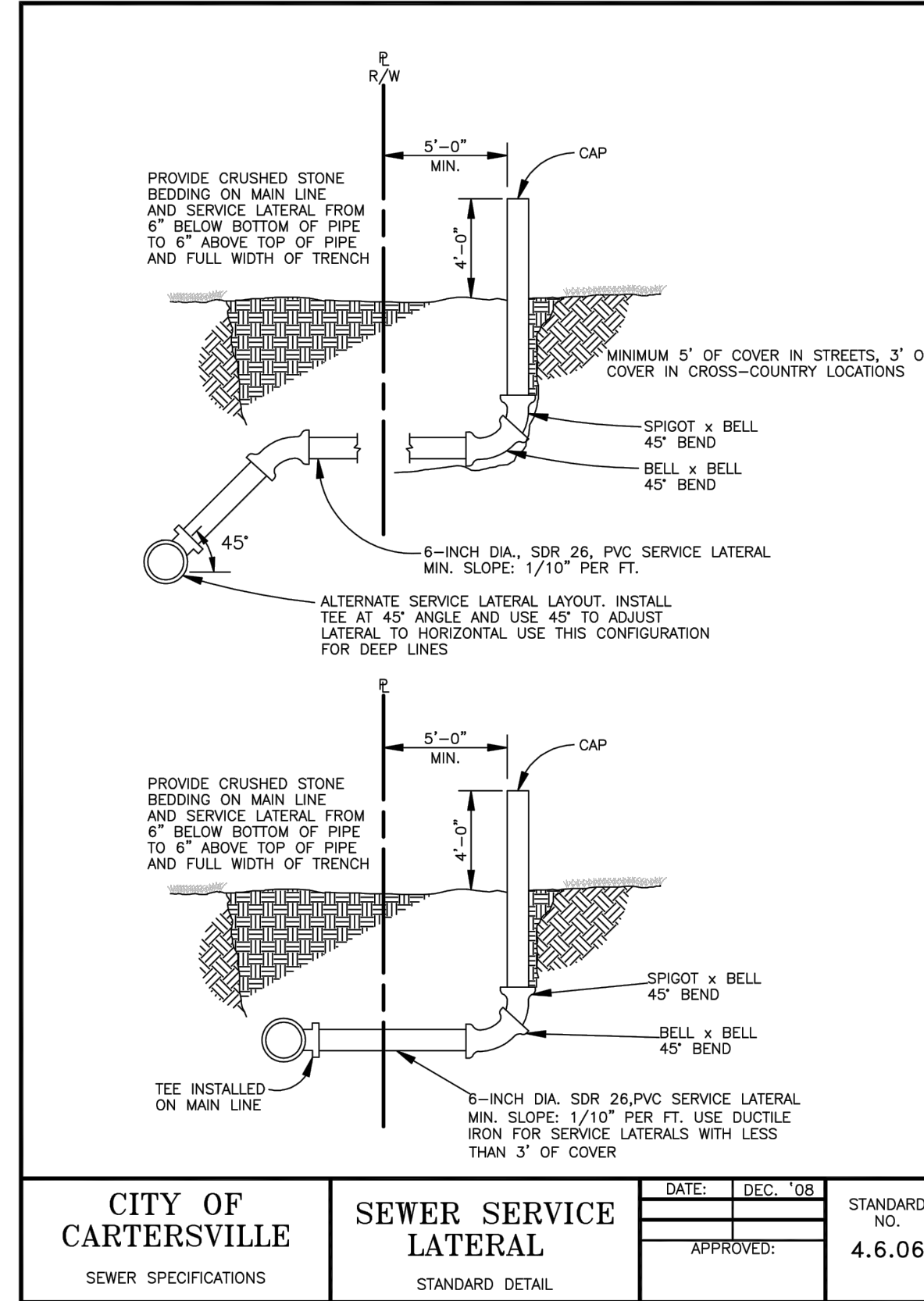
NOTES:

- RODS SHALL BE A MINIMUM 304 S.S. ALL THREAD RODS WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
- USE LISTED NUMBER OF RODS AS SHOWN ON TIE ROD CHART (MINIMUM NUMBER SHOWN).
- RODS MUST HAVE A MINIMUM 6" OF THREAD ON EACH END.
- ALL STEEL MUST BE CLEANED AND COATED WITH ROYSTON ROSKOTE, KOPPERS SUPER SERVICE BLACK OR APPROVED EQUAL.
- ALL NUTS USED ON THE RODS MUST HAVE A WASHER.

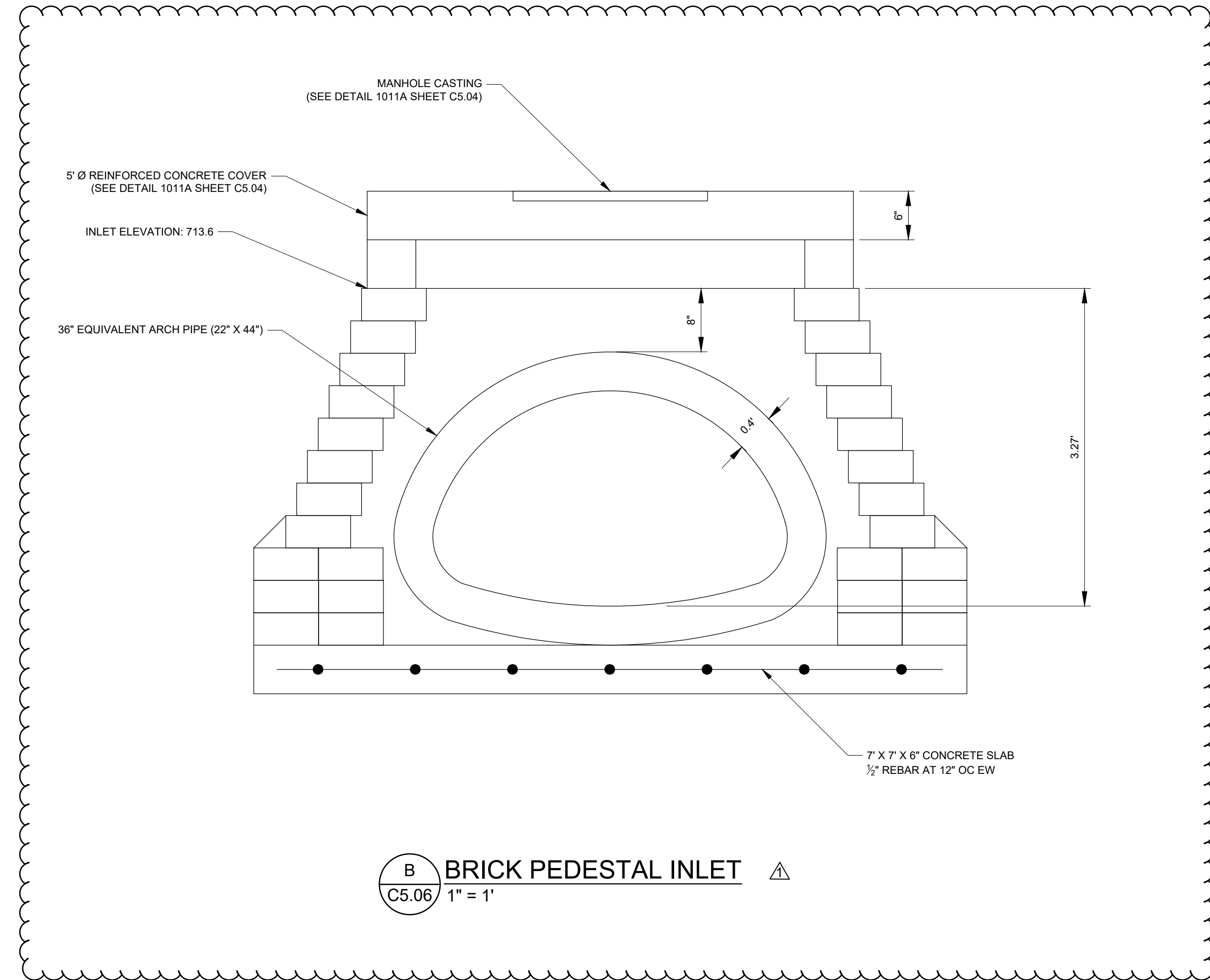
DESIGN CRITERIA:

- FITTING SHOWN IS REPRESENTATIVE FOR ALL FITTINGS, VALVES, DEAD ENDS AND PLUGS.
- FOR WATER MAINS AT A RATED TEST PRESSURE OF 250 PSI.

A TYPICAL TIE ROD RESTRAINT
C5.06 NTS



CITY OF CARTERSVILLE SEWER SPECIFICATIONS	SEWER SERVICE LATERAL STANDARD DETAIL	DATE: DEC. '08	STANDARD NO. 4.6.06
		APPROVED:	



B BRICK PEDESTAL INLET
C5.06 1" = 1'

BARGE
DESIGN SOLUTIONS

615 3rd Avenue South, Suite 300, Nashville, Tennessee 37210
PHONE: (615) 284-1600 / FAX: (615) 285-6872



STANDARD DETAILS

TERRELL HEIGHTS
STORM SEWER IMPROVEMENTS
PHASE 2
CARTERSVILLE, GEORGIA

REV.	DR.	CHK.	DATE	DESCRIPTION
1	AB	DL	9/18/2023	ADDENDUM 1

C5.06
PROJ. NO. 37697-01