

ADDENDUM NO. 2
TO
PROCUREMENT AND CONTRACTING REQUIREMENTS
FOR
Wheatland Wastewater System Improvements Division II – Low Pressure Sewer System
FOR
WHEATLAND, INDIANA
Issue Date: September 27th, 2023

BIDS ARE DUE BY
Tuesday September 29th, 2023
9:00 AM (Local Time)
Attn. Clerk Treasurer, Wheatland Water Department– 121 IN-550. P.O. Box 219 Wheatland, IN 47597

This addendum consists of three (3) pages and the following attachments:

- Attachment No. 1:** Replaced Specifications
- Attachment No. 2:** Revised Plan Sheets
- Attachment No. 3:** Added Plan Sheets

The following, as additions to and modifications in the Bidding Requirements and Contract Documents, will be included in, and become a part of the **Wheatland Wastewater System Improvements Division II – Low Pressure Sewer System**. This Addendum forms a part of the Contract Documents. Bidders are, therefore, instructed to take the following into account in rendering any Bid for this work. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CHANGES TO PRIOR ADDENDA: (N/A)

CHANGES TO PROCUREMENT REQUIREMENTS: (N/A)

CHANGES TO CONTRACTING REQUIREMENTS: (N/A)

CHANGES TO SPECIFICATIONS:

1. **PLEASE NOTE:** *“Or equal” items will be considered for all products, including products not explicitly stated. We acknowledge that lead times are volatile and that certain product types may be more readily available or cost effective. If exceptions are needed to standards, they will be considered for approval on a case-by-case basis.*
2. Replace the following specifications in their entirety with **Attachment No. 1** of this addendum:
 - a. “Specification 00 41 13 – Bid Form” (Article 5 – Added Bid line item 11 for Vents for Railroad Casing Pipe, renumbered line items, Renamed Bid Line Item 19 (now bid line item 20) from “2-inch Air Release Valve Station” to “Combination Air Release Valve

Station”, updated bid line item quantities for pipes, valves, casing pipe, and terminal flushing and flushing connections, added line item 23 Duplex Grinder Pump Station, added bid alt item no. 2 Upgrade to Sentry Advisor Package panel instead of Sentry protect Duplex Package Panel for Grinder Pump Station Control Panels”, and added bid alt item no. 3 12-inch Steel Casing By Jack and Bore.

- b. “Specification 00 41 13 – Bid Form” (Article 5 – Renamed Bid Line Item 19 (now bid line item 20) from “2-inch Air Release Valve Station” to “Combination Air Release Valve Station”.
- c. “Specification 01 20 00 – Contract Items” (Updated definitions of Contract Items 6 through 9 (the low pressure sewer pipe line items) to omit cleanouts, renumbered contract line items starting at contract line item 11, added contract item 11 “VENTS FOR RAILROAD CASING PIPE”, updated contract item 19 “4-INCH BILATERAL ISOLATION VLAVE” to include the 4-inch ball valves for the railroad crossing, added contract line item 24 “DUPLEX GRINDER PUMP STATION”, added contract item 28 “MANDATORY BID ALTERNATIVE NO. 2 – UPGRADE TO SENTRY ADVISOR PACKAGE PANEL OF SENTRY PROTECT DUPLEX PACKAGE PANEL FOR GRINDER PUMP STATION CONTROL PANEL”, added contract item 29 “mandatory bid alternative no. 3 – 12-inch steel casing by jack and bore.
- d. “Specification 33 32 16.13 Grinder Pump Station Unit” (Updated specification to include duplex grinder pump station unit)
- e. “Exhibit B – Wage Rates” (Up-to-date wage rates for project per Labor Standards guidelines.)

CHANGES TO DRAWINGS:

1. Revised Plan Sheets – **Attachment No. 2** of this addendum:
 - a. Sheet G001 – Title Sheet (Added Sheet C170 “Overall LPS Plan” to sheet index table.
 - b. Sheets C101 – C169 (Removed all callouts for cleanouts, and removed over thirty structures including isolation valves, terminal flushing structures, in-line flushing structures, and combination air release valves. Structures were renumbered as well.
 - c. Sheets C181 – C182 – Railroad Plan and Profile Crossing Sheets (Added a notes section to C182 regarding vent placement and other CSX notes, added lengths for vent pipes, and updated locations of vent pipes.
 - d. Sheet C400 – Sanitary Lateral Schedule (Added asterisk and note for Vagabond Motel requiring a duplex)
 - e. Sheet C501 – Standard Details (For detail no. 2 Restraining Joint Schedule -M.J. & S.J., removed row for 1.5-inch pipe.
 - f. Sheet C502 – Standard Details (For detail Typical Lateral Installation, removed corporation stop)
 - g. Sheet C503 – Standard Details (Added Eone Detail NA0052P02 and Eone Detail NA0052P04 DH152 Duplex)
 - h. Sheet E101 – Electrical Details Revised in its entirety
2. Added Plan Sheets – **Attachment No. 3** of this addendum:
 - a. Sheet C170 – Overall LPS Plan
 - b. Sheet E102 – Electrical Details

CHANGES TO MISCELLANEOUS DOCUMENTS:

None.

SUBMITTED QUESTIONS/REQUESTS & RESPONSES:

1. Questions

- a. Q: Kieffer Bros Construction Co. – Construct connect seemed to indicate that attending a walkthrough may be required. Can you advise if this is required or enforced?
 - i. A: RQAW – A walkthrough is not required.
- b. Q: Graves Engineering – On the detail of the Typical Lateral Installation, it is showing a corporation stop right at the LPS main. Is this corporation stop required considering we are putting in another valve at the Lateral Assembly that E-One is providing?
 - i. A: RQAW – The corporation stop is NOT required. This detail will be updated in the plan set and specifications.
- c. Q: Graves Engineering – Do you have a panel stand detail we need to use for the control panels if we do not mount them on the house? Do we just need to use a sturdy wood panel stand?
 - i. A: RQAW – The control panel is the disconnect for the grinder pump station unit and needs to be in the line of sight. A wooden post for the control panel is NOT to be used for mounting the control panel due to issues of warping of the wooden post and difficulties with mowing around the post.

+ + END OF ADDENDUM + +

PLEASE ACKNOWLEDGE THIS ADDENDUM IN THE BID FORM YOU SUBMIT.



Certified: _____
Engineer

Date: 09/27/2023

ATTACHMENT #1

RQAW Corporation

Wheatland Wastewater System Improvements
Division II – Low Pressure Sewer System

BID FORM

Town of Wheatland, Indiana

Wheatland Wastewater System Improvements Division II – Low Pressure Sewer System

TABLE OF CONTENTS

	Page
ARTICLE 1 – Bid Recipient	1
ARTICLE 2 – Bidder’s Acknowledgements.....	1
ARTICLE 3 – Bidder’s Representations.....	1
ARTICLE 4 – Bidder’s Certification.....	2
ARTICLE 5 – Basis of Bid	3
ARTICLE 6 – Time of Completion.....	5
ARTICLE 7 – Attachments to this Bid.....	2
ARTICLE 8 – Defined Terms.....	2
ARTICLE 9 – Bid Submittal.....	6

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Town of Wheatland

P.O. Box 219

Wheatland, IN 47597

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 90 days after the Bid opening, 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, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

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

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all 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 adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; 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 any 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; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price 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 confirms that 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 and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

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 any thing 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	Unit	Estimated Quantity	Unit Price	Total Price
1	Mobilization and Demobilization	LS	1		
2	Maintenance of Traffic	LS	1		
3	Construction Engineering	LS	1		
4	Erosion and Sediment Control	LS	1		
5	Surface Restoration	LS	1		
6	1-1/4-inch Low Pressure Sewer DR 11 Directionally Drilled	LF	10,730		
7	2-inch Low Pressure Sewer DR 11 Directionally Drilled	LF	14,295		
8	3-inch Low Pressure Sewer DR 11 Directionally Drilled	LF	6,995		
9	4-inch Low Pressure Sewer DR 11 Directionally Drilled	LF	3,375		
10	8-inch Steel Casing By Jack and Bore	LF	80		
11	6-inch Casing Pipe, HDPE DR 11, Trenchless	LF	306		
12	8-inch Casing Pipe, HDPE DR 11, Trenchless	LF	76		
13	Force Main Lateral Service Connections	EA	212		
14	Gravity Lateral Service Connections	EA	212		
15	Terminal Flushing and In-line Flushing Connections	EA	38		
16	2-inch Bilateral Isolation Valve	EA	5		
17	3-inch Bilateral Isolation Valve	EA	1		
18	4-inch Bilateral Isolation Valve	EA	3		
19	Combination Air Release Valve Station	EA	6		
20	Sentry Protect Simplex Package Panel	EA	212		
21	Electrical Setup for Grinder Pump Station	EA	212		
22	Simplex Grinder Pump Station	EA	211		
23	Duplex Grinder Pump Station	EA	1		
24	Curb Stop Kit, Stainless Steel, 1-1/4" Com. Fittings DR 11 (IPS), Field Assembly	EA	212		
25	Curb Box Assembly 42-66", Arch Style	EA	212		

Total Base Bid Price \$ _____

BID ALTERNATE

Item No.	Description	Unit	Estimated Quantity	Unit Add or Deduct	Total Add or Deduct (Write-In)
1	Upgrade to Sentry Advisor Package Panel instead of Sentry Protect Panel for Grinder Pump Station Control Panels	EA	212		
2	12-inch Steel Casing By Jack and Bore	EA	1		
3	Remote Mounting for E One Control Panel	EA	20		

Total Base Bid Price – Bid Alternate \$ _____

Proposed increase or decrease in price for the Bid Alternates listed above will be considered in determination of the lowest responsive and responsible bid.

The undersigned understands that after a contract is awarded, the Owner may select items of the Alternate Bids listed above. If awarded the contract, the Bidder agrees to furnish and install any Owner selected Alternate items for the add or deduct indicated. The total base bid will then be adjusted accordingly. The add or deduct amounts listed above are “installed” prices and take into consideration and include any cost of the design or construction changes that may be required as a result of selecting the Alternate.

Alternate Contract Item prices are subject to acceptance by the Owner, and rejection of one or more Alternate Contract Item prices will not invalidate acceptance of this Bid.

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 15.06 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. Required Bid security;
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers;
- D. List of Project References;
- E. Bidder's License No.: demonstrating evidence of authority to do business in the state of Indiana.
- F. Required Bidder Qualification Statement (Form 96) with supporting data;
- G. Wage/Fringe Benefit Certification (Exhibit C);
- H. GPR Bid Breakdown (Exhibit E);
- I. American Iron and Steel Certification (Exhibit F);
- J. Form OEE-1 (Exhibit G);
- K. Form OEE-2 (Exhibit G);
- L. Good Faith Efforts Worksheet (Exhibit G);
- M. E-Verify 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

BIDDER: *[Indicate correct name of bidding entity]*

By:
[Signature] _____

[Printed name] _____
(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:
[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)

(NO TEXT FOR THIS PAGE)

SECTION 01 20 00 - CONTRACT ITEMS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. The Section includes the Contract Items for the Project.

1.2 CONTRACT ITEM 1 – MOBILIZATION AND DEMOBILIZATION

- A. Description: The Work under this Contract Item includes all work necessary for the movement of personnel and equipment to and from the project site. This shall include the submittal of a Performance Bond, Payment Bond, Maintenance Bond [SC-6.01], Contractor's Insurance for Worker's Compensation [SC-6.03], Contractor's Commercial General Liability [SC-6.03], Automobile Liability [SC-6.03], Excess or Umbrella Liability [SC-6.03], Contractor's Professional Liability [SC-6.03], Owner's Liability Insurance [SC-6.04], and Property Insurance [SC-6.05].
- B. Payment: Payment under Item 1 will be made at a Lump Sum Price.

1.3 CONTRACT ITEM 2 – MAINTENANCE OF TRAFFIC

- A. Description: The Work under this Contract Item includes construction and maintenance of all detours, routing of traffic, and signage necessary to install the sewer system to the lines and slopes shown on the Drawings, and specified herein in addition to all other work required or incidental thereto.
- B. Payment: Payment under Item 2 will be made at a Lump Sum Price.

1.4 CONTRACT ITEM 3 – CONSTRUCTION ENGINEERING

- A. Description: The Work under this Contract Item includes the planning and management of the project complete with all labor, material, and equipment necessary, including contractor's field office/trailer and INDOT Settlement Monitoring Plan for work done in INDOT Right of Way.
- B. Payment: Payment under Item 3 will be made at Lump Sum Price.

1.5 CONTRACT ITEM 4 – EROSION AND SEDIMENT CONTROL

- A. Description: The Work under this Contract Item includes installing erosion and sediment control devices as shown on the Drawings and specified herein complete with all labor, material, and equipment necessary; along with maintaining and repairing/replacing these devices if determined necessary by the Engineer.
- B. Payment: Payment under Item 4 will be made at a Lump Sum Price.

1.6 CONTRACT ITEM 5 – SURFACE RESTORATION

- A. Description: The Work under this Contract Item includes all restoration of grading, soils, asphalt, concrete, pavement markings, and all other items necessary to restore the project sites to their original condition, including but not limited to removal of existing pavements of all types, granular backfill, stone, HMA, and concrete.
- B. Payment: Payment under Item 5 will be made at a Lump Sum Price.

1.7 CONTRACT ITEM 6 – 1-1/4-INCH LOW PRESSURE SEWER DR 11 DIRECTIONALLY DRILLED

- A. Description: The Work under this Contract Item includes clearing and grubbing, excavation, dewatering, removal, and disposal of excavated materials as required, trench and excavation support, rock excavation, potholing, installing the pipe, granular backfill, associated fittings, joint restraints, complete with all labor, material, and equipment necessary to install the low pressure sewer pipe to the lines and slopes shown on the Drawings by the method stated on the drawings when indicated, and specified herein in addition to all other work required or incidental thereto.
- B. Payment: Payment under Item 6 will be made for each linear foot of 1-1/4-inch HDPE DR 11 low pressure sewer installed at the appropriate size and depth.

1.8 CONTRACT ITEM 7 – 2-INCH LOW PRESSURE SEWER DR 11 DIRECTIONALLY DRILLED

- A. Description: The Work under this Contract Item includes clearing and grubbing, excavation, dewatering, removal, and disposal of excavated materials as required, trench and excavation support, rock excavation, potholing, installing the pipe, granular backfill, associated fittings, joint restraints, complete with all labor, material, and equipment necessary to install the low pressure sewer pipe to the lines and slopes shown on the Drawings by the method stated on the drawings when indicated, and specified herein in addition to all other work required or incidental thereto.
- B. Payment: Payment under Item 7 will be made for each linear foot of 2-inch HDPE DR 11 low pressure sewer installed.

- 1.9 CONTRACT ITEM 8 – 3-INCH LOW PRESSURE SEWER DR 11 DIRECTIONALLY DRILLED
- A. Description: The Work under this Contract Item includes clearing and grubbing, excavation, dewatering, removal, and disposal of excavated materials as required, trench and excavation support, rock excavation, lining of existing discharge manhole, potholing, installing the pipe, granular backfill, associated fittings, joint restraints, complete with all labor, material, and equipment necessary to install the low pressure sewer pipe to the lines and slopes shown on the Drawings by the method stated on the drawings when indicated, and specified herein in addition to all other work required or incidental thereto.
- B. Payment: Payment under Item 8 will be made for each linear foot of 3-inch HDPE DR 11 low pressure sewer installed.
- 1.10 CONTRACT ITEM 9 – 4-INCH LOW PRESSURE SEWER DR 11 DIRECTIONALLY DRILLED
- A. Description: The Work under this Contract Item includes clearing and grubbing, excavation, dewatering, removal, and disposal of excavated materials as required, trench and excavation support, rock excavation, potholing, installing the pipe, granular backfill, associated fittings, joint restraints, complete with all labor, material, and equipment necessary to install the low pressure sewer pipe to the lines and slopes shown on the Drawings by the method stated on the drawings when indicated, and specified herein in addition to all other work required or incidental thereto.
- B. Payment: Payment under Item 9 will be made for each linear foot of 4-inch HDPE DR 11 low pressure sewer installed.
- 1.11 CONTRACT ITEM 10 – 8-INCH STEEL CASING BY JACK AND BORE
- A. Description: The Work under this Contract Item includes all work necessary to install steel casing where indicated on the Drawings including all labor, material, and equipment as necessary for complete installation. This will include the pipes, fittings, and screens for the installation of the vents for the carrier pipe and vents for casing pipe.
- B. Payment: Payment under Item 10 will be made for each linear foot of steel casing installed.
- 1.12 CONTRACT ITEM 11 – 6-INCH CASING PIPE FOR LOW PRESSURE SEWER, HDPE DR 11, TRENCHLESS
- A. Description: The Work under this Contract Item includes all work necessary to install 6-inch HDPE DR 11 casing where indicated on the Drawings including all labor, material, and equipment as necessary for complete installation.

Payment: Payment under Item 11 will be made for each linear foot of HDPE casing installed at the appropriate size.

1.13 CONTRACT ITEM 12 – 8-INCH CASING PIPE FOR LOW PRESSURE SEWER, HDPE DR 11, TRENCHLESS

- B. Description: The Work under this Contract Item includes all work necessary to install 8-inch HDPE DR 11 casing where indicated on the Drawings including all labor, material, and equipment as necessary for complete installation.

Payment: Payment under Item 12 will be made for each linear foot of HDPE casing installed at the appropriate size.

1.14 CONTRACT ITEM 13 – FORCE MAIN LATERAL SERVICE CONNECTIONS

- A. Description: The Work under this Contract Item includes consulting with each homeowner on the Sanitary Lateral Schedule in the Drawings regarding existing septic tank location, locating existing utilities on the parcel, determining the alignment for the sanitary lateral service connection, and installing 1.25-inch DR 11 PVC pipe for the sanitary lateral to connect from the grinder pump station unit to the low-pressure sewer main line. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 13 will be made for each service connection per the Sanitary Lateral Schedule in the drawings.

1.15 CONTRACT ITEM 14 – GRAVITY LATERAL SERVICE CONNECTIONS

- C. Description: The Work under this Contract Item includes consulting with each homeowner on the Sanitary Lateral Schedule in the Drawings regarding existing septic tank location, locating existing utilities on the parcel, determining the alignment for the sanitary lateral service connection, installing 4-inch schedule 40 PVC pipe for the sanitary lateral to connect from the home's sanitary discharge point to the grinder pump station, and installing cleanouts. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- C. Payment: Payment under Item 14 will be made for each service connection per the Sanitary Lateral Schedule in the drawings.

- 1.15 CONTRACT ITEM 15 – TERMINAL FLUSHING AND IN-LINE FLUSHING CONNECTIONS
- A. Description: The Work under this Contract Item includes furnishing and installing all work necessary for the flushing connections, fittings and appurtenances, valves, and cleanouts to complete both terminal flushing connections and flushing connections as shown on the drawings, specified herein. Work for this item includes the following: pavement removal, excavation, disposal of excess excavated material, base stabilization, aggregate bedding, dewatering, sheeting, riser rings. Casting frames and covers, externals wraps and seals, valves, fittings, connections to pressure sewer inside or outside of structure, supporting and bracing pipes and fittings and valves in manhole, termination of tracing wires ins structures and valve boxes, granular backfill material, placing and compacting backfill, testing, and casting adjustments. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 15 will be made for each terminal flushing connection and in-line flushing connection including valves, fittings, and appurtenances, installed in accordance, with the drawings, specified as approved by the engineer.
- 1.19 CONTRACT ITEM 16 – 2-INCH BILATERAL ISOLATION VALVE
- A. Description: The Work under this Contract Item includes all work necessary to install and test a 2-inch bilateral isolation valve. Work for this item includes pavement removal, excavation, disposal of excess excavated material, base stabilization, aggregate bedding, dewatering, temporary sheeting and shoring, connections to pressure sewer, valve boxes, valve box extensions and centering rings, termination of tracing wires in valve boxes, testing, and valve box adjustments. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 16 will be made for each 2-inch bilateral isolation valve, including valve boxes, installed in accordance with the drawings, as specified herein.
- 1.20 CONTRACT ITEM 17 – 3-INCH BILATERAL ISOLATION VALVE
- A. Description: The Work under this Contract Item includes all work necessary to install and test a 3-inch bilateral isolation valve. Work for this item includes pavement removal, excavation, disposal of excess excavated material, base stabilization, aggregate bedding, dewatering, temporary sheeting and shoring, connections to pressure sewer, valve boxes, valve box extensions and centering rings, termination of tracing wires in valve boxes, testing, and valve box adjustments. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.

- B. Payment: Payment under Item 17 will be made for each 3-inch bilateral isolation valve, including valve boxes, installed in accordance with the drawings, as specified herein.

1.21 CONTRACT ITEM 18 – 4-INCH BILATERAL ISOLATION VALVE

- A. Description: The Work under this Contract Item includes all work necessary to install and test a 4-inch bilateral isolation valve. Work for this item includes pavement removal, excavation, disposal of excess excavated material, base stabilization, aggregate bedding, dewatering, temporary sheeting and shoring, connections to pressure sewer, valve boxes, valve box extensions and centering rings, termination of tracing wires in valve boxes, testing, and valve box adjustments. This contract line item also includes the 4 in. railroad isolation ball valves. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 18 will be made for each 4-inch bilateral isolation valve, including valve boxes, installed in accordance with the drawings, as specified herein.

1.22 CONTRACT ITEM 19 – COMBINATION AIR RELEASE VALVE STATION

- A. Description: The Work under this Contract Item includes all work necessary to install and test the combination air release valve stations. Work for this item includes pavement removal, excavation, disposal of excess excavated material, base stabilization, aggregate bedding, dewatering, temporary sheeting and shoring, connections to pressure sewer, valve boxes, valve box extensions and centering rings, termination of tracing wires in valve boxes, testing, and any other work as in accordance with the drawings and specifications. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 19 will be made for each combination air release valve station installed in accordance with the drawings, as specified herein.

1.23 CONTRACT ITEM 20 – SENTRY SIMPLEX PACKAGE PANEL

- A. Description: The Work under this Contract Item includes all work necessary to provide and install a Sentry Simplex Package Panel for single pump stations and a Sentry T260 Duplex Package panel for stations with 2 grinder pumps. Work for this item includes excavation, disposal of excess excavated material, base stabilization, placement of aggregate bedding and compaction, dewatering, installation of panel pedestal, bitumastic coating, installation of panel, installation of electrical conduit and conductors on pedestal, connection of supply side electrical with disconnect, connection of grinder pump electrical lead/controls, installation of conduit stub for tracer wire, termination of tracing wires in conduit stub, furnishing and placement of required backfill, compaction of bedding and backfill, utility verification, disposing of excess excavated material, temporary sheet, shoring and bracing, and protection of existing utilities and structures. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.
- B. Payment: Payment under Item 20 will be made for each Sentry Simplex Package Panel installed in accordance with the drawings, specified as specified herein.

1.24 CONTRACT ITEM 21 – ELECTRICAL SETUP FOR GRINDER PUMP STATION

- A. Description: The Work under this Contract Item includes all work necessary to install the electrical connections for a single grinder pump station. Work for this item includes, but is not limited to, all materials and labor and permits needed to complete the electrical connections as shown on the Drawings. This shall include connecting to the residence electrical meter (loadside), and power from the meter connection to the pump control panel.
- B. Payment: Payment under Item 21 will be made for each grinder pump station connected to the residence electrical supply.

1.25 CONTRACT ITEM 22 – SIMPLEX GRINDER PUMP STATION

- A. Description: The Work under this Contract Item includes all work necessary to install the number of complete simplex grinder pump stations installed as shown. Work for this item includes, but is not limited to, excavation, pavement removal and disposal if necessary, dewatering, furnish and placement of bedding, ballast, concrete ballast, grinder pump station assembly and installation, installation of inlet lateral stubs and fittings, placement of required backfill, compaction of bedding and backfill, utility verification, disposal of excess excavated material, testing and startup of equipment, temporary sheeting, shoring and bracing, and protection of existing utilities on site.
- B. Payment: Payment under Item 22 will be made for each simplex grinder pump station installed in accordance with the drawings and specifications.

- 1.26 CONTRACT ITEM 23 – DUPLEX GRINDER PUMP STATION
- A. Description: The Work under this Contract Item includes all work necessary to install the complete duplex grinder pump station installed as shown. Work for this item includes, but is not limited to, excavation, pavement removal and disposal if necessary, dewatering, furnish and placement of bedding, ballast, concrete ballast, grinder pump station assembly and installation, installation of inlet lateral stubs and fittings, placement of required backfill, compaction of bedding and backfill, utility verification, disposal of excess excavated material, testing and startup of equipment, temporary sheeting, shoring and bracing, and protection of existing utilities on site.
 - B. Payment: Payment under Item 23 will be made for the duplex grinder pump station installed in accordance with the drawings and specifications.
- 1.27 CONTRACT ITEM 24 – CURB STOP KIT, STAINLESS STEEL, 1-1/4" COM. FITTINGS DR 11 (IPS), FIELD ASSEMBLY
- A. Description: The Work under this Contract Item includes all work necessary to install curb stop kits as shown. Work for this item includes, but is not limited to, excavation, placement removal and disposal if necessary, dewatering, furnish and placement of bedding, valves, fittings, connection of valves to pressure sewer lateral, furnish and placement of required backfill, compacting of bedding and backfill, utility verification, disposal of excavated material, temporary sheeting, shoring and bracing, and protection of existing utilities on site.
 - B. Payment: Payment under Item 24 will be made for each curb stop kit installed in accordance with the drawings and specifications.
- 1.28 CONTRACT ITEM 25 – CURB BOX ASSEMBLY 42-66", ARCH STYLE
- A. Description: The Work under this Contract Item includes all work necessary to install curb box assembly 42-66", arch style as shown. Work for this item includes, but is not limited to, installing curb boxes, valve extension stems and centering rings, and connection and termination of tracing wires in curb boxes.
 - B. Payment: Payment under Item 25 will be made for each curb box assembly installed in accordance with the drawings and specifications.
- 1.29 CONTRACT ITEM 26 - MANDATORY BID ALTERNATIVE NO. 1 – UPGRADE TO SENTRY ADVISOR PACKAGE PANEL INSTEAD OF SENTRY PROTECT PANEL FOR GRINDER PUMP STATION CONTROL PANEL

- A. Description: The Work under this Contract Item includes all work necessary to install and a Sentry Advisor Package. Work for this item includes excavation, disposal of excess excavated material, base stabilization, placement of aggregate bedding and compaction, dewatering, installation of panel pedestal, bitumastic coating, installation of panel, installation of electrical conduit and conductors on pedestal, connection of supply side electrical, connection of grinder pump electrical lead/controls, installation of conduit stub for tracer wire, termination of tracing wires in conduit stub, furnishing and placement of required backfill, compaction of bedding and backfill, utility verification, disposing of excess excavated material, temporary sheet, shoring and bracing, and protection of existing utilities and structures. Relocation or replacement of existing utilities or above-ground features, such as mailboxes, fencing, or sheds, as a result of this Work will be included in this item.

Payment: Payment under Item 26 will be made for each Sentry Advisor Package Panel installed in accordance with the drawings, specified as specified herein.

1.31 CONTRACT ITEM 27 – MANDATORY BID ALTERNATIVE NO. 2 – 12-INCH STEEL CASING BY JACK AND BORE

- A. Description: The Work under this Contract Item includes all work necessary to install steel casing where indicated on the Drawings including all labor, material, and equipment as necessary for complete installation. This will include the pipes, fittings, and screens for the installation of the vents for the carrier pipe.
- B. Payment: Payment under Item 27 will be made for each linear foot of steel casing installed.

1.32 CONTRACT ITEM 28 – MANDATORY BID ALTERNATIVE NO. 3 – REMOTE MOUNTING FOR ONE CONTROL PANEL

- A. Description: The Work under this Contract Item includes all work necessary to install the Sentry panel remotely next to the grinder station. The mounting shown on E101 shall maintain a minimum distance of 5 feet away from any vented opening of the grinder station. All stainless steel hardware shall be used. All underground conduit/cable runs from meter to remote locations shall be by contractor. This add shall be a site-by-site cost adder based on homeowner preference or by distance and line of site to grinder station. Base bid shall be as shown on drawings where disconnect and Sentry panel are mounted on home as close to grinder station as possible.
- B. Payment: Payment under Item 28 will be made for each Sentry Simplex or Duplex Package Panel installed in accordance with the drawings, as specified herein.

END OF SECTION 01 20 00

SECTION 33 32 16.13 – GRINDER PUMP STATION UNIT

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. On-lot sewage grinder pumping units.
 - 2. Control Panels

1.2 REFERENCE STANDARDS

- A. ASTM International
 - 1. ASTM A53 - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless.
- B. National Electrical Manufacturers Association
 - 1. NEMA 250 – Enclosures for Electrical Equipment (1000 Volts Maximum)

1.3 SUBMITTALS

- A. Shop drawings shall be submitted in accordance with Section 01 33 00 Submittal Procedures and shall include manufacturers catalog cuts, material information, and certifications of proof of compliance with all applicable standards.
- B. After receipt of notice to proceed, the MANUFACTURER shall furnish a minimum of six sets of shop drawings detailing the equipment to be furnished including dimensional data and materials of construction. The ENGINEER shall promptly review this data and return the reviewed submittal. Upon receipt of reviewed shop drawings with no requested changes, the manufacturer shall proceed immediately with fabrication of the equipment.

1.4 QUALIFICATIONS

- A. The equipment furnished hereunder shall be the product of a company experienced in the design and manufacture of grinder pumps specifically designed for use in low pressure systems. All manufacturers proposing equipment for this project shall have at least 10 years of experience in the design and manufacture of units of identical size(s) and performance to the specified units.
- B. All manufacturers proposing equipment for this project must also have not less than 5 successful installations of low pressure sewer systems utilizing grinder pumps of like type to the grinder pumps specified herein. An installation is defined as a minimum of 25 pumps discharging into a common force main which forms a low pressure sewer system.

- C. The CONTRACTOR (supplier) proposing alternate equipment shall also submit, as part of the bid schedule, an installation list with contact person(s), phone number(s) and date(s) of at least 10 installations of the type of pump specified herein that have been in operation for at least 10 years.

1.5 DEILVERY, STORAGE AND HANDLING

- A. Deliver, store, and handle all products and materials as specified in Division 2 (and as follows:)
- B. Inspection: Accept materials on Site in manufacturer's original packaging and inspect for damage.
- C. Storage:
 - i. Store materials according to manufacturer instructions.
 - ii. Do not store materials on private property without written permission of property owner.
 - iii. Do not stack pipe higher than recommended by pipe manufacturer.

PART 2 - PRODUCTS

2.1 GRINDER PUMPS

- A. Manufacturers:
 - 1. Environmental One Corporation
 - 2. Approved Equal
 - a. Contractor will be responsible for additional costs associated with selecting a simplex grinder pump station unit that is not the specified Environmental One Corporation, Model DH071 package.
 - b. Contractor will be responsible for additional costs associated with selecting a duplex grinder pump station unit that is not the specified Environmental One Corporation, Model DH152-93 package.
 - c. Associated costs listed above shall be as defined in Part 3, B.
- B. Description: The pump shall be integral, vertical rotor, motor driven, solids handling pump of the progressing cavity type with a single mechanical seal.
- C. Pump
 - 1. Double radial O-ring seals are required at all casting joints to minimize corrosion and create a protective barrier.
 - 2. Rotor shall be through-hardened, highly polished, precipitation hardened stainless steel
 - 3. Stator shall be of a specifically compounded ethylene propylene synthetic elastomer.
 - a. Material shall be suitable for domestic wastewater service.

4. Physical properties shall include high tear and abrasion resistance, grease resistance, water and detergent resistance, temperature stability, excellent aging properties, and outstanding wear resistance.

D. Materials

1. All pump castings shall be cast iron, fully epoxy coated to 8-10 mil nominal dry thickness, wet applied.
2. Buna-N is not acceptable as a stator material because it does not exhibit the properties as outlined above and required for wastewater service.

E. Grinder

1. Grinder shall be placed immediately below the pumping elements and shall be direct-driven by a single, one-piece motor shaft.
2. Grinder impeller (cutter wheel) assembly shall be securely fastened to the pump motor shaft by means of a threaded connection attaching the grinder impeller to the motor shaft.
3. Attachment by means of pins or keys will not be acceptable.
4. Grinder impeller shall be a one-piece, 4140 cutter wheel of the rotating type with inductively hardened cutter teeth.
5. Cutter teeth shall be inductively hardened to Rockwell 50 – 60c for abrasion resistance.
6. Shredder ring shall be of the stationary type and the material shall be white cast iron.
7. The teeth shall be ground into the material to achieve effective grinding.
8. The shredder ring shall have a staggered tooth pattern with only one edge engaged at a time, maximizing the cutting torque.
9. Grinder shall be constructed so as to minimize clogging and jamming under all normal operating conditions including starting.
 - a. Grinder shall be positioned in such a way that solids are fed in an upward flow direction.
 - b. The maximum flow rate through the cutting mechanism must not exceed 4 feet per second. This is a critical design element to minimize jamming and as such must be adhered to.
 - c. Inlet shroud shall have a diameter of no less than 5 inches. Inlet shrouds that are less than 5 inches in diameter will not be accepted due to their inability to maintain the specified 4 feet per second maximum inlet velocity which by design prevents unnecessary jamming of the cutter mechanism and minimizes blinding of the pump by large objects that block the inlet shroud.
 - d. Impeller mechanism must rotate at a nominal speed of no greater than 1800 rpm.
10. Grinder shall be capable of reducing all components in normal domestic sewage, including a reasonable amount of "foreign objects," such as paper, wood, plastic, glass, wipes, rubber and the like, to finely-divided particles which will pass freely through the passages of the pump and the 1-1/4" diameter stainless steel discharge piping.

F. Electric Motor

1. Motor shall be a 1 HP, 1725 RPM, 240 Volt 60 Hertz, 1 Phase, capacitor start, ball bearing, air-cooled induction type with Class F installation, low starting current not to exceed 30 amperes and high starting torque of 8.4 foot pounds.
2. Motor shall be press-fit into the casting for better heat transfer and longer winding life.
3. Motor to incorporate an automatic-reset, integral thermal overload protector.

4. Non-capacitor start motors or permanent split capacitor motors will not be accepted because of their reduced starting torque and consequent diminished grinding capability.
 5. Wet portion of the motor armature must be 300 Series stainless.
 6. Oil-filled motors will not be accepted.
- G. Mechanical Seal
1. Pump/core shall be provided with a mechanical shaft seal to prevent leakage between the motor and pump.
 2. Seal shall have a stationary ceramic seat and carbon rotating surface with faces precision lapped and held in position by a stainless steel spring.
- H. Tank and Integral Accessway: (Simplex: Model DH071, Duplex: Model DH152-93) High Density Polyethylene Construction
1. Tank shall be a Wetwell/Drywell design made of high density polyethylene, with a grade selected to provide the necessary environmental stress cracking resistance.
 2. Corrugated sections are to be made of a double wall construction with the internal wall being generally smooth to promote scouring.
 - a. Corrugations of the outside wall are to be a minimum amplitude of 1-1/2" to provide necessary transverse stiffness.
 3. Any incidental sections of a single wall construction are to be 0.250" thick (minimum).
 4. All seams created during tank construction are to be thermally welded and factory tested for leak tightness.
 5. Tank wall and bottom must withstand the pressure exerted by saturated soil loading at maximum burial depth.
 6. All station components must function normally when exposed to 150 percent of the maximum external soil and hydrostatic pressure.
 7. The tank shall be furnished with one EPDM grommet fitting to accept a 4.50" OD DWV or Schedule 40 pipe.
 8. Tank capacities shall be as shown on the contract drawings.
 9. Drywell accessway shall be an integral extension of the Wetwell assembly and shall include a lockable cover assembly providing low profile mounting and watertight capability.
 - a. Accessway design and construction shall enable field adjustment of the station height in increments of 4" or less without the use of any adhesives or sealants requiring cure time before installation can be completed.
 10. Station shall have all necessary penetrations molded in and factory sealed.
 11. No field penetrations will be acceptable.
 12. Discharge piping
 - a. Constructed of 304 stainless steel.
 - b. Discharge shall terminate outside the accessway bulkhead with a stainless steel, 1-1/4" Female NPT fitting.
 - c. Discharge piping shall include a stainless steel ball valve rated for 235 psi WOG
 - 1) PVC ball valves or brass ball/gate will not be accepted.
 13. Bulkhead penetration shall be factory installed and warranted by the manufacturer to be watertight.
 14. Accessway shall include a single NEMA 6P Electrical Quick Disconnect (EQD) for all power and control functions, factory installed with accessway penetrations warranted by the manufacturer to be watertight.

- a. EQD will be supplied with 32', 25' of useable Electrical Supply Cable (ESC) outside the station, to connect to the alarm panel.
 - b. ESC shall be installed in the basin by the manufacturer.
 - c. Field assembly of the ESC into the basin is not acceptable because of potential workmanship issues.
 - d. EQD shall require no tools for connecting, seal against water before the electrical connection is made, and include radial seals to assure a watertight seal regardless of tightening torque.
 - e. Plug-type connections of the power cable onto the pump housing will not be acceptable due to the potential for leaks and electrical shorts.
 - f. Junction box shall not be permitted in the accessway due to the large number of potential leak points.
 - g. EQD shall be so designed to be conducive to field wiring as required. The accessway shall also include an integral 2-inch vent to prevent sewage gases from accumulating in the tank.
- I. Check Valve
1. Pump discharge shall be equipped with a factory installed, gravity operated, flapper-type integral check valve built into the stainless steel discharge piping.
 2. Provide a full-ported passageway when open, and shall introduce a friction loss of less than 6 inches of water at maximum rated flow.
 3. Moving parts will be made of a 300 Series stainless steel and fabric reinforced synthetic elastomer to ensure corrosion resistance, dimensional stability, and fatigue strength.
 4. A nonmetallic hinge shall be an integral part of the flapper assembly providing a maximum degree of freedom to assure seating even at a very low back-pressure.
 5. Valve body shall be an injection molded part made of an engineered thermoplastic resin.
 6. Rated for continuous operating pressure of 235 psi.
 7. Ball-type check valves are unacceptable due to their limited sealing capacity in slurry applications.
- J. Anti-Siphon Valve
1. Pump discharge shall be equipped with a factory-installed, gravity-operated, flapper-type integral anti-siphon valve built into the stainless steel discharge piping.
 2. Moving parts will be made of 300 Series stainless steel and fabric-reinforced synthetic elastomer to ensure corrosion resistance, dimensional stability, and fatigue strength. A nonmetallic hinge shall be an integral part of the flapper assembly, providing a maximum degree of freedom to ensure proper operation even at a very low pressure.
 3. Valve body shall be injection-molded from an engineered thermoplastic resin.
 4. Holes or ports in the discharge piping are not acceptable.
 5. Anti-siphon port diameter shall be no less than 60% of the inside diameter of the pump discharge piping.
- K. Core Unit
1. Grinder pump station shall have a cartridge type, easily removable core assembly consisting of pump, motor, grinder, all motor controls, check valve, anti-siphon valve, level controls, electrical quick disconnect and wiring.
 2. Shall be installed in the basin by the manufacturer.
 3. Core unit shall seal to the tank deck with a stainless steel latch assembly.

4. Latch assembly must be actuated utilizing a single quick release mechanism requiring no more than a half turn of a wrench
5. Watertight integrity of each core unit shall be established by a 100 percent factory test at a minimum of 5 PSIG.

L. Controls

1. All necessary motor starting controls shall be located in the cast iron enclosure of the core unit secured by stainless steel fasteners.
2. Wastewater level sensing controls shall be housed in a separate enclosure from motor starting control.
3. Level Sensor Housing
 - a. Sealed via a radial type seal; solvents or glues are not acceptable.
 - b. Be integrally attached to pump assembly so that it may be removed from the station with the pump and in such a way as to minimize the potential for the accumulation of grease and debris accumulation, etc.
 - c. Must be a high-impact thermoplastic copolymer over-molded with a thermoplastic elastomer. The use of PVC for the level sensing housing is not acceptable.
4. Non-fouling wastewater level controls for controlling pump operation shall be accomplished by monitoring the pressure changes in an integral air column connected to a pressure switch.
5. Air column
 - a. Be integrally molded from a thermoplastic elastomer suitable for use in wastewater and with excellent impact resistance. The air column shall
 - b. Have only a single connection between the water level being monitored and the pressure switch.
 - c. Any connections are to be sealed radially with redundant O-rings.
 - d. No moving parts in direct contact with the wastewater and shall be integral to the pump core assembly in a single, readily-exchanged unit.
 - e. Depressing the push to run button must operate the pump even with the level sensor housing removed from the pump.
6. All fasteners throughout the assembly shall be 300 Series stainless steel. High-level sensing will be accomplished in the manner detailed above by a separate air column sensor and pressure switch of the same type.
7. Closure of the high-level sensing device will energize an alarm circuit as well as a redundant pump-on circuit. For increased reliability, pump ON/OFF and high-level alarm functions shall not be controlled by the same switch.
8. Float switches of any kind, including float trees, will not be accepted due to the periodic need to maintain (rinsing, cleaning) such devices and their tendency to malfunction because of incorrect wiring, tangling, grease buildup, and mechanical cord fatigue.
9. Core shall be equipped with a factory installed equalizer diaphragm that compensates for any atmospheric pressure or temperature changes. Tube or piping runs outside of the station tank or into tank-mounted junction boxes providing pressure switch equalization will not be permitted due to their susceptibility to condensation, kinking, pinching, and insect infestation.
10. The grinder pump will be furnished with a 6 conductor 14 gauge, type SJOW cable, pre-wired and watertight to meet UL requirements with a **FACTORY INSTALLED** NEMA 6P EQD half attached to it.

M. Alarm Panel

1. Each grinder pump station shall include a NEMA 4X, UL-listed alarm panel suitable for wall or pole mounting. Base bid shall include an E-One Sentry Protect Simplex alarm panel or approved equal.
 - a. NEMA 4X enclosure shall be manufactured of thermoplastic polyester to ensure corrosion resistance.
2. Enclosure shall include a hinged, lockable cover with padlock, preventing access to electrical components, and creating a secured safety front to allow access only to authorized personnel. The enclosure shall not exceed 10.5" W x 14" H x 7" D, or 12.5" W x 16" H x 7.5" D if certain options are included.
3. Alarm panel shall contain one 15-amp, double-pole circuit breaker for the pump core's power circuit and one 15-amp, single-pole circuit breaker for the alarm circuit.
4. Contain a push-to-run feature, an internal run indicator, and a complete alarm circuit.
5. All circuit boards in the alarm panel are to be protected with a conformal coating on both sides and the AC power circuit shall include an auto resetting fuse.
6. Panel shall include the following features:
 - a. external audible and visual alarm; push-to-run switch
 - b. push-to-silence switch
 - c. redundant pump start
 - d. high level alarm capability
7. The alarm sequence is to be as follows when the pump and alarm breakers are on:
 - a. 1. When liquid level in the sewage wet-well rises above the alarm level, the contacts on the alarm pressure switch activate, audible and visual alarms are activated, and the redundant pump starting system is energized.
 - b. The audible alarm may be silenced by means of the externally mounted, push-to-silence button.
8. Visual alarm remains illuminated until the sewage level in the wet-well drops below the "off" setting of the alarm pressure switch.
9. The visual alarm lamp shall be inside a red, oblong lens at least 3.75" L x 2.38" W x 1.5" H.
10. Visual alarm shall be mounted to the top of the enclosure in such a manner as to maintain NEMA 4X rating.
11. Be externally mounted on the bottom of the enclosure, capable of 93 dB @ 2 feet. The audible alarm shall be capable of being deactivated by depressing a push-type switch that is encapsulated in a weatherproof silicone boot and mounted on the bottom of the enclosure (push-to-silence button).
12. The entire alarm panel, as manufactured and including any of the following options shall be listed by Underwriters Laboratories, Inc.
13. Contractor shall include, as a separate alternate bid, an upgrade to the E-One Sentry Protect Advisor alarm panel for remote monitoring as indicated on drawings.

2.2 SERVICEABILITY

- A. Grinder pump core, including level sensor assembly, shall have two lifting hooks complete with lift-out harness connected to its top housing to facilitate easy core removal when necessary.
- B. Level sensor assembly must be easily removed from the pump assembly for service or replacement.

- C. All mechanical and electrical connections must provide easy disconnect capability for core unit removal and installation.
- D. Each EQD half must include a water-tight cover to protect the internal electrical pins while the EQD is unplugged.
- E. A pump push-to-run feature will be provided for field trouble shooting.
- F. push-to-run feature must operate the pump even if the level sensor assembly has been removed from the pump assembly.
- G. All motor control components shall be mounted on a readily replaceable bracket for ease of field service.

2.3 OSHA CONFINED SPACE

- A. All maintenance tasks for the grinder pump station must be possible without entry into the grinder pump station (as per **OSHA 1910.146**, permit-required confined spaces). *“Entry means the action by which a person passes through an opening into a permit-required confined space. Entry includes ensuing work activities in that space and is considered to have occurred as soon as any part of the entrant’s body breaks the plane of an opening into the space.”*

2.4 SAFETY

- A. Grinder pump station control power shall be connected to the residential side of the utility meter within the meter base in accordance with local utility approval and acceptance. The power shall be connected to a 30A disconnect prior to the alarm panel which provides power to the grinder pump station as shown on drawings.
- B. Grinder pump shall be free from electrical and fire hazards as required in a residential environment.
- C. Grinder pump shall meet accepted standards for plumbing equipment for use in or near residences, shall be free from noise, odor, or health hazards, and shall have been tested by an independent laboratory to certify its capability to perform as specified in either individual or low pressure sewer system applications.

PART 3 - EXECUTION

- A. **FACTORY TESTING**
 - 1. Each grinder pump shall be submerged and operated for 1.5 minutes (minimum). Included in this procedure will be the testing of all ancillary components such as, the anti-siphon valve, check valve, discharge assembly and each unit’s dedicated level controls and motor controls.

2. All factory tests shall incorporate each of the above listed items. Actual appurtenances and controls which will be installed in the field shall be particular to the tested pump only. A common set of appurtenances and controls for all pumps is not acceptable.
3. Certified test results shall be available upon request showing the operation of each grinder pump at two different points on its curve.
4. Additional validation tests include: integral level control performance, continuity to ground and acoustic tests of the rotating components.

B. CERTIFIED SERVICE PROGRAM

1. Should CONTRACTOR select a grinder pump unit that is not Environmental One Corporation Model DH071-93, the following will need to be done to verify manufacturer service program.
 - a. MANUFACTURER shall provide a program implemented by the MANUFACTURER'S personnel as described in this specification to certify the service company as an authorized serviced center.
 - b. As evidence of this, the MANUFACTURER shall provide, when requested, sufficient evidence that they have maintained their own service department for a minimum of 30 years and currently employ a minimum of five employees specifically in the service department.
 - c. As part of this program, the MANUFACTURER shall evaluate the service technicians as well as the service organization annually.
 - d. The service company will be authorized by the MANUFACTURER to make independent warranty judgments. The areas covered by the program shall include, as a minimum:
 - 1) Pump Population Information — The service company will maintain a detailed database for the grinder pumps in the territory that tracks serial numbers by address.
 - 2) Inventory Management — The service company must maintain an appropriate level of inventory (pumps, tanks, panels, service parts, etc.) including regular inventory review and proper inventory labeling. Service technicians will also maintain appropriate parts inventory and spare core(s) on service vehicles.
 - 3) Service Personnel Certification — Service technicians will maintain their level-specific certification annually. The certifications are given in field troubleshooting, repair, and training.
 - 4) Service Documentation and Records — Start up sheets, service call records, and customer feedback will be recorded and available by the service company.
 - 5) Shop Organization — The service company will keep its service shop organized and pumps will be tagged with site information at all times. The shop will have all required equipment, a test tank, and cleaning tools necessary to service pumps properly.

C. DELIVERY

1. All grinder pump units will be delivered to the job site 100 percent completely assembled, including testing, ready for installation.
2. Field installation of the pump in tanks under 96 inches is not allowed. Field installation of the level sensor into the tank is not allowed.

3. Grinder pump stations will be individually mounted on wooden pallets.

D. INSTALLATION

1. CONTRACTOR shall be responsible for handling ground water to provide a firm, dry subgrade for the structure, and shall guard against flotation or other damage resulting from general water or flooding.
2. Grinder pump stations shall not be set into the excavation until the installation procedures and excavation have been approved by the RPR.
3. Remove packing material. Hardware supplied with the unit, if required, will be used at installation.
4. Basin will be supplied with a standard 4" inlet grommet (4.50" OD) for connecting the incoming sewer line. Appropriate inlet piping must be used. The basin may not be dropped, rolled or laid on its side for any reason.
5. Installation shall be accomplished so that 1" to 4" of accessway, below the bottom of the lid, extends above the finished grade line.
6. Finished grade shall slope away from the unit. The diameter of the excavated hole must be large enough to allow for the concrete anchor.
7. A 6" inch (minimum) layer of naturally rounded aggregate, clean and free flowing, with particle size of not less than 1/8" or more than 3/4" shall be used as bedding material under each unit.
8. The CONTRACTOR will coordinate with the RPR to install the gravity service lateral constructed out of 4 in. schedule 40 PVC from the existing discharge point to the grinder pump station unit.
9. The electrical enclosure shall be furnished, installed and wired to the grinder pump station by the CONTRACTOR.
10. An alarm device is required on every installation, there shall be NO EXCEPTIONS.
11. It will be the responsibility of the CONTRACTOR and the RPR to coordinate with the individual property owner(s) to determine the optimum location for the Alarm Panel. The alarm panel will be connected to the grinder pump station as shown on the contract drawings. The power and alarm circuits must be on separate power circuits. The grinder pump stations will be provided with 32', 25' of useable, electrical supply cable to connect the station to the alarm panel. This cable shall be supplied with a FACTORY INSTALLED EQD half to connect to the mating EQD half on the core.

E. BACKFILL REQUIREMENTS

1. Ballast to be installed as shown in contract drawings.

F. SITE RESTORATION

1. All restoration will be the responsibility of the CONTRACTOR. Per unit costs for this item shall be included in the CONTRACTOR'S bid price for the individual grinder pump stations. The properties shall be restored to their original condition in all respects, including, but not limited to, curb and sidewalk replacement, landscaping, loaming and seeding, and restoration of the traveled ways, as directed by the RPR.

G. START-UP FIELD TESTING

1. The MANUFACTURER shall provide the services of qualified factory trained technician(s) who shall inspect the placement and wiring of each station, perform field tests as specified herein.

2. All equipment and materials necessary to perform testing shall be the responsibility of the INSTALLING CONTRACTOR. These steps shall be completed prior to the qualified factory trained technician(s) arrival on site. This includes:
 - a. A portable generator and power cable (if temporary power is required).
 - b. Water in each basin (filled to a depth sufficient to verify the high level alarm is operating).
 - c. Opening of all valves in the system.
3. The services of a trained factory-authorized technician shall be provided at a rate of 40 hours for every 100 grinder pump stations supplied.
4. Upon completion of the installation, the authorized factory technician(s) will perform the following test on each station:
 - a. Make certain the discharge shut-off valve in the station is fully open.
 - b. Turn ON the alarm power circuit and verify the alarm is functioning properly.
 - c. Turn ON the pump power circuit. Initiate the pump operation to verify automatic “on/off” controls are operative. The pump should immediately turn ON.
 - d. Consult the Manufacturer’s Service Manual for detailed start-up procedures.
5. Upon completion of the start-up and testing, the MANUFACTURER shall submit to the **ENGINEER** the start-up authorization form describing the results of the tests performed for each grinder pump station. Final acceptance of the system will not occur until authorization forms have been received for each pump station installed and any installation deficiencies corrected.

PART 4 – OPERATION AND MAINTENACNE

4.1 MANUALS

- A. MANUFACTURER shall supply four copies of Operation and Maintenance Manuals to the OWNER, and one copy of the same to the ENGINEER.

END OF SECTION 33 32 16.13

(NO TEXT FOR THIS PAGE)

EXHIBIT B

WAGE RATES

"General Decision Number: IN20230006 09/22/2023

Superseded General Decision Number: IN20220006

State: Indiana

Construction Types: Heavy and Highway

Counties: Adams, Allen, Bartholomew, Benton, Blackford, Boone, Brown, Carroll, Cass, Clark, Clay, Clinton, Crawford, Daviess, Dearborn, Decatur, DeKalb, Delaware, Dubois, Elkhart, Fayette, Floyd, Fountain, Franklin, Fulton, Gibson, Grant, Greene, Hamilton, Hancock, Harrison, Hendricks, Henry, Howard, Huntington, Jackson, Jasper, Jay, Jefferson, Jennings, Johnson, Knox, Kosciusko, Lagrange, Lawrence, Madison, Marion, Marshall, Martin, Miami, Monroe, Montgomery, Morgan, Newton, Noble, Ohio, Orange, Owen, Parke, Perry, Pike, Posey, Pulaski, Putnam, Randolph, Ripley, Rush, Scott, Shelby, Spencer, Starke, Steuben, Sullivan, Switzerland, Tippecanoe, Tipton, Union, Vanderburgh, Vermillion, Vigo, Wabash, Warren, Warrick, Washington, Wayne, Wells, White and Whitley Counties in Indiana.

* EXCEPT LAKE, LAPORTE, PORTER AND ST. JOSEPH COUNTIES HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

<p>If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:</p>	<p>. Executive Order 14026 generally applies to the contract.</p> <p>. The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.</p>
<p>If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:</p>	<p>. Executive Order 13658 generally applies to the contract.</p> <p>. The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.</p>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/06/2023
1	02/03/2023
2	02/10/2023
3	03/03/2023
4	03/17/2023
5	03/24/2023
6	04/07/2023
7	04/21/2023
8	04/28/2023
9	05/12/2023
10	05/26/2023
11	06/02/2023
12	06/09/2023
13	07/28/2023
14	08/11/2023
15	08/25/2023
16	09/01/2023
17	09/08/2023
18	09/15/2023
19	09/22/2023

ASBE0008-004 03/01/2023

DEARBORN, FAYETTE, FRANKLIN, OHIO, RIPLEY SWITZERLAND AND UNION COUNTIES

	Rates	Fringes
Asbestos Workers/Insulator (Includes application of all insulating materials, protective coverings, coatings & finishings to all types of mechanical systems).....	\$ 33.08	20.69
HAZARDOUS MATERIAL HANDLER (Includes preparation, wettings, stripping, removal, scrapping, vacuuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....	\$ 25.00	13.70

ASBE0017-008 06/01/2022

NEWTON COUNTY:

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 52.80	32.30
HAZARDOUS MATERIAL HANDLER (INCLUDES PREPARATION, WETTING, STRIPPING REMOVAL SCRAPPING, VACUUMING, BAGGING AND DISPOSAL OF ALL INSULATION MATERIALS, WHETHER THEY CONTAIN ASBESTOS OR NOT, FROM MECHAINCAL SYSTEMS).....	\$ 38.85	24.60

ASBE0018-005 06/01/2021

BROWN, BARTHOLOMEW, BENTON, BOONE, CARROLL, CASS, CLAY, CLINTON, DECATUR, DELAWARE, ELKHART. FOUNTAIN, FULTON, GREENE, HAMILTON, HANCOCK, HENDRICKS, HENRY, HOWARD, JASPER, JOHNSON, KOSCIUSKO, LAGRANGE, MARSHALL, MADISON, MARION, MONROE, MONTGOMERY, MORGAN, OWEN, PARKE, PULASKI, PUTNAM, RUSH, SHELBY, STARKE, TIPPECANOE, TIPTON, VERMILLION, VIGO, WARREN and WHITE Counties

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (includes application of all insulating materials, protective coverings, coatings and finishings to all types of mechanical systems).....	\$ 33.90	21.38
HAZARDOUS MATERIAL HANDLER (includes preparation, wettings, stripping, removal, scrapping, vacuuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....	\$ 23.00	14.40

ASBE0037-004 06/01/2023

DAVIESS, DUBOIS, GIBSON, KNOX, MARTIN, PIKE, POSEY, SPENCER, SULLIVAN, VANDERBURGH AND WARRICK COUNTIES

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (includes application of all insulating materials protective coverings, coatings an finishes to all types of mechanical systems. Also the application of firestopping, material openings and penetrations in walls, floors, ceilings, curtain walls and all lead abatement.)...)	\$ 33.44	21.84

HAZARDOUS MATERIAL HANDLER
 (Includes preparation,
 wetting, stripping, removal,
 scrapping, vacuuming, bagging
 and disposing of all
 insulation materials, whether
 they contain asbestos or not,
 from mechanical systems).....\$ 33.44 21.84

 ASBE0041-002 07/01/2023

ADAMS, ALLEN, BLACKFORD, DE KALB, GRANT, HUNTINGTON, JAY,
 MIAMI, NOBLE, STEUBEN, WABASH, WELLS AND WHITLEY COUNTIES:

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (includes application of all insulating materials, protective coverings, coatings and finishings to all types of mechanical systems).....\$ 32.35	\$ 32.35	21.53
HAZARDOUS MATERIAL HANDLER (includes preparation, wettings, stripping, removal, scrapping, vaccuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....\$ 32.35	\$ 32.35	21.53

 ASBE0051-003 03/01/2023

CLARK, CRAWFORD. FLOYD, HARRISON, JACKSON, JEFFERSON, JENNINGS,
 LAWRENCE, ORANGE, PERRY, SCOTT, and WASHINGTON Counties

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (Includes application of all insulating materials, protective coverings, coatings and finishings to all types of mechanical systems).....\$ 28.96	\$ 28.96	18.78
HAZARDOUS MATERIAL HANDLER (includes preparation, wettings, stripping, removal, scrapping, vaccuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....\$ 19.80	\$ 19.80	13.30

 ASBE0079-002 07/01/2023

RANDOLPH AND WAYNE COUNTIES

	Rates	Fringes
--	-------	---------

ASBESTOS WORKER/HEAT & FROST INSULATOR (Includes application of all insulating materials, protective coverings, coatings & finishings to all types of mechanical systems).....	\$ 33.04	16.14
HAZARDOUS MATERIAL HANDLER (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems)).....	\$ 33.04	16.14

BRIN0003-001 06/01/2023

INDIANAPOLIS
BOONE, HANCOCK, HENDRICKS, JOHNSON, MARION, MONTGOMERY, MORGAN
and SHELBY COUNTIES

	Rates	Fringes
Bricklayer, Stone Mason, Pointer, Caulking.....	\$ 36.24	17.39
TERRAZZO FINISHER.....	\$ 23.38	13.15
TERRAZZO WORKER/SETTER.....	\$ 36.38	17.24
Tile & Marble Finisher.....	\$ 24.33	13.16
Tile, Marble Setter.....	\$ 35.63	17.23

BRIN0004-004 06/01/2023

FORT WAYNE
ADAMS, ALLEN, DEKALB, HUNTINGTON, NOBLE, STEUBEN, WELLS AND
WHITLEY COUNTIES:

	Rates	Fringes
BRICKLAYER (STONE MASON, MARBLE MASONS, POINTER, CLEANER, AND CAULKER).....	\$ 34.41	21.42
Terrazzo Grinder Finisher.....	\$ 30.00	16.78
Terrazzo Worker Mechanic.....	\$ 34.41	21.42
Tile Setter & Marble Mason Mechanic.....	\$ 30.00	16.78
Tile, Marble & Terrazzo Finisher.....	\$ 30.00	16.78

BRIN0004-005 06/01/2023

CRAWFORD, DUBOIS, PERRY, POSEY, SPENCER, VANDERBURGH, and
WARRICK Counties

	Rates	Fringes
BRICKLAYER.....	\$ 34.17	20.14
TILE FINISHER.....	\$ 22.09	16.34

TILE SETTER.....\$ 28.49 16.46

BRIN004-009 06/01/2023

BARTHOLOMEW, BROWN, DEARBORN, DECATUR, JENNINGS, MONROE, OHIO,
OWENS, RIPLEY and SWITZERLAND COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 34.17	17.54
TERRAZZO FINISHER.....	\$ 23.38	13.15
TERRAZZO WORKER/SETTER.....	\$ 36.38	17.24
Tile & Marble Finisher.....	\$ 24.33	13.16
Tile, Marble Setter.....	\$ 35.63	17.23

BRIN004-010 06/01/2023

CLARK, FLOYD, and HARRISON Counties

	Rates	Fringes
BRICKLAYER BRICKLAYERS, STONEMASONS AND CEMENT MASONS.....	\$ 32.28	15.99

BRIN004-015 06/01/2023

TERRE HAUTE
CLAY, DAVIESS, GIBSON, GREENE, KNOX, MARTIN, PARKE, PIKE,
PUTNAM, SULLIVAN, VERMILLION and VIGO COUNTIES

	Rates	Fringes
BRICKLAYER BRICKLAYERS, STONE MASONS and POINTER/ CLEANER/CAULKER.....	\$ 36.24	17.39
CEMENT MASON (Greene and Sullivan Counties).....	\$ 27.78	11.02
CEMENT MASON (REMAINING COUNTIES).....	\$ 35.24	17.39
TERRAZO FINISHER.....	\$ 23.38	13.15
TERRAZZO WORKER.....	\$ 36.38	17.24
TILE LAYER, MARBLE MASON, MOSAIC WORKER.....	\$ 35.63	17.23

BRIN004-016 06/01/2023

MUNCIE
BLACKFORD, DELAWARE, FAYETTE, FRANKLIN, HAMILTON, HENRY, JAY,
MADISON, RANDOLPH, RUSH, TIPTON, UNION and WAYNE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason, Pointer, Caulker & Cleaner.....	\$ 33.83	20.14
TERRAZZO FINISHER.....	\$ 23.38	13.15
TERRAZZO WORKER/SETTER.....	\$ 36.38	17.24
Tile & Marble Finisher.....	\$ 23.38	13.15

Tile & Marble Setter; Mosaic
 Worker.....\$ 35.63 17.23

 BRIN0006-001 06/01/2023

JASPER, NEWTON & STARKE COUNTIES

	Rates	Fringes
BRICKLAYER (Including Stonemason, and Pointer, Caulker & Cleaner).....	\$ 42.05	28.22
Tile, Marble & Terrazzo Worker...	\$ 42.05	28.22

 BRIN0011-001 06/01/2023

LAFAYETTE
 BENTON, CARROLL, CLINTON, FOUNTAIN, TIPPECANOE, WARREN and
 WHITE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason, Pointer, Caulker & Cleaner.....	\$ 33.75	20.12
TERRAZZO FINISHER.....	\$ 23.38	13.15
TERRAZZO WORKER/SETTER.....	\$ 36.38	17.24
Tile & Marble Finisher.....	\$ 24.33	13.16
Tile & Marble Setter; Mosaic Worker.....	\$ 35.63	17.23

 BRIN0018-002 06/01/2023

CASS, ELKHART, FULTON, GRANT, HOWARD, KOSCUISKO, LAGRANGE,
 MARSHALL, MIAMI, PULASKI, WABASH

	Rates	Fringes
Bricklayer, Caulker, Cleaner, Pointer.....	\$ 34.00	19.71

 CARP0002-023 04/01/2023

DEARBORN, JACKSON, JENNINGS, OHIO, RIPLEY AND SWITZERLAND
 COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 27.57	26.34

 CARP0133-001 04/01/2023

BOONE, CLAY, FOUNTAIN, MONROE, MONTGOMERY, MORGAN, OWEN,
 PARKE, PUTNAM, VERMILLION AND VIGO COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 30.87	24.48

CARP0133-003 04/01/2023

HAMILTON, HANCOCK, HENDRICKS, JOHNSON (Townships of Clark, Camp Atterbury north of Hospital Road, Pleasant, White River), and MARION Counties

	Rates	Fringes
CARPENTER.....	\$ 30.32	24.33

 CARP0175-004 04/01/2023

CLARK, FLOYD, HARRISON, JEFFERSON, SCOTT AND WASHINGTON COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 27.00	27.69

 CARP0215-002 04/01/2023

BENTON, CARROLL, CLINTON, PULASKI, TIPPECANOE, WARREN AND WHITE COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 33.84	24.21

 CARP0224-011 04/01/2023

CRAWFORD, DUBOIS, PERRY, PIKE, POSEY, SPENCER, VANDERBURGH AND WARRICK COUNTIES:

	Rates	Fringes
CARPENTER.....	\$ 27.07	27.62

 CARP0224-012 04/01/2023

DAVIESS, GIBSON, GREENE, KNOX, LAWRENCE, MARTIN, ORANGE AND SULLIVAN COUNTIES:

	Rates	Fringes
CARPENTER.....	\$ 27.42	27.67

 CARP0232-003 04/01/2023

ALLEN, DEKALB, LAGRANGE, NOBLE, STEUBEN and WHITLEY COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 30.32	24.33

 CARP0301-001 04/01/2023

BARTHOLOMEW, BROWN, (Camp Atterbury south of Hospital Road), DECATUR, FRANKLIN, JOHNSON (Townships of Blue River, Franklin, Hensley, Needham, Nineveh, Union) , RUSH AND SHELBY COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 30.43	24.48

CARP0413-003 04/01/2023		

ADAMS, CASS, ELKHART, FULTON, GRANT, HOWARD, HUNTINGTON,
KOSCIUSKO, MARSHALL, MIAMI, TIPTON, WABASH AND WELLS COUNTIES:

	Rates	Fringes
CARPENTER.....	\$ 30.64	24.16

CARP0999-001 06/01/2017		

JASPER, NEWTON, AND STARKE COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 37.56	26.42

CARP1016-001 04/01/2023		

BLACKFORD, DELAWARE, FAYETTE, HENRY, JAY, MADISON, RANDOLPH,
UNION AND WAYNE COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 30.73	24.48

CARP1076-004 04/01/2016		

HAMILTON and MARION Counties, and the following Townships in
JOHNSON County: Camp Atterbury (North of Hospital Rd.), Clark,
Pleasant, and White River

	Rates	Fringes
MILLWRIGHT.....	\$ 26.81	19.28

CARP1076-005 06/01/2017		

JASPER, NEWTON, PULASKI, and STARKE Counties

	Rates	Fringes
MILLWRIGHT.....	\$ 37.66	26.42

CARP1076-006 06/01/2018		

BARTHOLOMEW, BLACKFORD, BOONE, BROWN, CLAY, DECATUR, DELAWARE,
FAYETTE, FOUNTAIN, FRANKLIN, HAMILTON, HANCOCK, HENDRICKS,
HENRY, JAY, JOHNSON, MADISON, MARION, MONROE, MONTGOMERY,
MORGAN, OWEN, PARKE, PUTNAM, RANDOLPH, RUSH, SHELBY, UNION,
VERMILLION, VIGO, AND WAYNE COUNTIES

	Rates	Fringes
MILLWRIGHT.....	\$ 28.18	22.39

CARP1080-001 04/01/2021		

GIBSON, GREENE, POSEY, SULLIVAN, VANDERBURGH and WARRICK COUNTIES

	Rates	Fringes
MILLWRIGHT		
ZONE 1		
POSEY, VANDERBURGH and		
WARRICK COUNTIES.....	\$ 30.92	24.83
ZONE 2		
GIBSON, GREENE AND		
SULLIVAN COUNTIES.....	\$ 29.64	25.77

ELEC0016-003 04/01/2023

CRAWFORD, DAVIESS, DUBOIS, GIBSON, LAWRENCE, MARTIN, ORANGE, PERRY, PIKE, POSEY, SPENCER, VANDERBURGH, WARRICK

	Rates	Fringes
ELECTRICIAN.....	\$ 41.04	18.94

ELEC0016-006 08/31/2020

CRAWFORD, DAVIESS, DUBOIS, GIBSON, LAWRENCE, MARTIN, ORANGE, PERRY, PIKE, POSEY, SPENCER, VANDERBURGH, WARRICK

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 29.15	15.40

ELEC0071-006 01/02/2019

DEARBORN, OHIO, and SWITZERLAND COUNTIES

	Rates	Fringes
Line Construction:		
Equipment Operator.....	\$ 33.62	13.46
Groundman.....	\$ 24.17	11.38
Lineman & Cable Splicers....	\$ 38.27	14.48

ELEC0153-003 06/01/2023

ELKHART, KOSCIUSKO and MARSHALL COUNTIES

	Rates	Fringes
Communication Technician.....	\$ 26.50	18.33
ELECTRICIAN.....	\$ 38.00	26.47

Includes the installation, operation, inspection,

ELECTRICIAN (Communication
Technician Only).....\$ 33.02 16.10

ELEC0668-002 01/01/2023

BENTON, CARROLL, CASS, FULTON, TIPPECANOE and WHITE COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.56	22.41

FOOTNOTE: a. PAID HOLIDAYS: New Years Day, Memorial Day,
July 4th, Labor Day, Veterans Day Thanksgiving Day and
Christmas Day

* ELEC0697-003 08/31/2023

NEWTON COUNTY

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 38.50	29.87

ELEC0697-006 06/01/2022

NEWTON COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 45.25	30.13

ELEC0702-003 01/02/2023

DUBOIS, GIBSON, PERRY, PIKE, POSEY, SPENCER AND VANDERBURGH
COUNTIES

	Rates	Fringes
Line Construction:		
GROUNDMAN, Class A.....	\$ 28.58	29% + 7.75
GROUNDMAN-EQUIPMENT OPERATOR (All other equipment).....	\$ 36.35	29% + 7.75
HEAVY-EQUIPMENT OPERATOR (All crawler type equipment D-4 and larger)...	\$ 41.49	29% + 7.75
LINEMAN.....	\$ 56.15	30% + 8.35

ELEC0725-007 06/01/2022

BROWN, CLAY, GREENE, KNOX, MONROE, OWEN, PARKE, SULLIVAN AND
VIGO COUNTIES

	Rates	Fringes
Communication Technician.....	\$ 30.00	18.07

modification, maintenance and repair of systems used for the transmission and reception of signals of any nature, for any purpose, including but not limited to , sound and voice transmission/transference systems, communication systems that transmit or receive information and /or control systems, television and video systems, micro-processor controlled fire alarm systems, and security systems and the performance of any task directly related to such installation or service. The scope of work shall exclude the installation of electrical power wiring and the installation of conduit raceways exceeding fifteen (15) feet in length.

 ELEC0212-002 11/30/2022

DEARBORN, OHIO, and SWITZERLAND COUNTIES

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 26.70	13.41

ELEC0212-009 06/07/2022

DEARBORN, OHIO, and SWITZERLAND COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 33.29	20.05

ELEC0305-003 05/01/2023

ADAMS, ALLEN, DE KALB, HUNTINGTON, LAGRANGE, NOBLE, STEUBEN, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.32	27.42%+11.21

* ELEC0305-004 08/31/2023

ADAMS, ALLEN, DE KALB, HUNTINGTON, LAGRANGE, NOBLE, STEUBEN, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 34.50	18.74

ELEC0369-005 05/31/2021

CLARK, FLOYD, HARRISON, JACKSON, JEFFERSON, SCOTT, and WASHINGTON Counties

	Rates	Fringes
ELECTRICIAN.....	\$ 33.85	18.72

ELEC0481-003 03/31/2023

BARTHOLOMEW, BOONE, DECATUR, HAMILTON, HANCOCK, HENDRICKS, JENNINGS, JOHNSON, MADISON, MARION, MONTGOMERY, MORGAN, PUTNAM, RIPLEY, RUSH AND SHELBY COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 40.20	26.31

ELEC0481-004 01/01/2022

BARTHOLOMEW, BOONE, DECATUR, HAMILTON, HANCOCK, HENDRICKS, JENNINGS, JOHNSON, MADISON, MARION, MONTGOMERY, MORGAN, PUTNAM, RIPLEY, RUSH AND SHELBY COUNTIES

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 33.83	17.32

ELEC0531-002 05/31/2023

JASPER, PULASKI, and STARKE COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 43.50	30.64

ELEC0531-003 05/28/2018

JASPER, PULASKI, and STARKE COUNTIES

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 27.64	13.23

ELEC0538-005 01/01/2023

FOUNTAIN, VERMILLION, and WARREN Counties

	Rates	Fringes
ELECTRICIAN.....	\$ 37.31	23.15

ELEC0538-009 09/01/2018

FOUNTAIN, VERMILLION, and WARREN Counties

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 32.82	16.28

ELEC0668-001 06/01/2023

BENTON, CARROLL, CASS, FULTON, TIPPECANOE and WHITE COUNTIES

	Rates	Fringes
--	-------	---------

Includes the installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound and vision production and reproduction apparatus, equipment and appliances used for domestic, commercial, education, entertainment and private telephone systems.

ELEC0725-014 10/01/2022

BROWN, CLAY, GREENE, KNOX, MONROW, OWEN, PARKE, SULLIVAN AND VIGO COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 40.00	21.96

ELEC0855-002 06/01/2018

BLACKFORD, DELAWARE, FAYETTE, FRANKLIN, HENRY, JAY, RANDOLPH, UNION and WAYNE Counties

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 27.64	14.15

ELEC0855-004 06/01/2023

BLACKFORD, DELAWARE, FAYETTE, FRANKLIN, HENRY, JAY, RANDOLPH, UNION and WAYNE Counties

	Rates	Fringes
ELECTRICIAN.....	\$ 35.30	20.25

ELEC0873-001 06/01/2021

CLINTON, GRANT, HOWARD, MIAMI, TIPTON, AND WABASH COUNTIES

	Rates	Fringes
ELECTRICIAN (Communication Technician Only).....	\$ 30.08	17.23

ELEC0873-002 03/01/2022

CLINTON, GRANT, HOWARD, MIAMI, TIPTON AND WABASH COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 36.59	20.12

ELEC1393-001 01/02/2023

REMAINING COUNTIES

	Rates	Fringes
--	-------	---------

Line Construction:

EQUIPMENT OPERATOR 1: Diggers, 5th wheel type trucks, crawler type, D-4 and smaller, bucket trucks and live boom type line trucks.....	\$ 35.10	29%+7.25
EQUIPMENT OPERATOR 3 (Backhoes over 1/2 yard bucket capacity, cranes rated at 15 ton or more capacity) 95% J.L. rate.....	\$ 43.36	29%+7.25
GROUNDMAN TRUCK DRIVER.....	\$ 26.14	29%+6.75
GROUNDMAN.....	\$ 25.04	29%+6.75
LINEMAN.....	\$ 41.61	29%+6.75

ENGI0103-003 04/01/2023

INCLUDING UNDERGROUND AND UTILITY CONSTRUCTION

ADAMS, ALLEN, BENTON, BLACKFORD, CARROLL, CASS, CLINTON,
DEKALB, DELAWARE, FAYETTE, GRANT, HAMILTON, HANCOCK, HENRY,
HOWARD, HUNTINGTON, JAY, JOHNSON, MADISON, MARION, MIAMI,
RANDOLPH, RUSH, SHELBY, STEUBEN, TIPPECANOE, TIPTON, UNION,
WABASH, WAYNE, WELLS, WHITE AND WHITLEY COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 40.55	21.80
GROUP 2.....	\$ 38.83	21.80
GROUP 3.....	\$ 37.91	21.80
GROUP 4.....	\$ 36.41	21.80

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Air compressors in manifold with throttle valve;
Asphalt plant engineer; Auto grade or similar type machine;
Auto patrol; Backhoe or farm-type tractor, 45 hp and over;
Ballast regulator (RR); Bituminous mixer; Bituminous paver;
Bituminous plant engineer; Bulldozer; Caisson drilling
machine; Cherry picker, 15 ton or over; Chip spreader;
Concrete mixer 21 cu. ft. or over; Core drilling machine;
Crane or derrick with any attachment (including clamshell,
dragline, shovel, backhoe, etc.); Dredge engineer; Dredge
operator; Drilling machine on which the drill is an integral
part; Earth mover, rubber-tired (paddle wheel, 616, 631,
TS-24 or similar type); Earth mover, rubber-tired, tandem
(\$0.50 per hour additional for each bowl); Elevating
grader; Fork lift, 10 ton or over; P.C.C. formless paver
post driver; Highlift shovel, 1 1/2 cu. yd. or over; Hoist,
2 drums and over; Helicopter, crew; Hydraulic boom truck;
keystone, skimmer scoop; Loader, self-propelled (belt,
chain, wheel); Locomotive operator; Mechanic; Mucking
machine; Panel board concrete plant, central mix type;
Paver, Hetherington; Pile driver, skid or crawler; Road
paving mixer; Rock breaking plant; Rock crushing plant,
portable; Roller (asphalt, waterbound macadam, bituminous
macadam, brick surface); Roller with dozer blade; Root
rake, tractor-mounted; Self-propelled widener; Stump
remover, tractor-mounted; Surface heater and planer; Tandem

push tractor (\$0.50 per hour additional); Tractor, boom; Winch or hoe head; Tractor, push; Tractor with scoop; Tractor-mounted spreader; Tree mover; Trench machine, over 24"; Tug boat operator; Well drilling machine; Winch truck with A-frame

GROUP 2: Air compressor with throttle valve or clever brooks-type combination; Backfiller; Backhoe on farm-type tractor, under 45 hp; Bull float; Cherry picker under 15 ton; Chip spreader, self-propelled; Concrete pump; Concrete mesh depressor, independently operated; Concrete spreader, power-driven; End loader under 1 1/2 cu. yd.; Excavating loader, portable; Finishing machine and bull float; Guniting machine; Head greaser; Mesh or steel placer; Multiple tamping machine (RR); P.C.C. concrete belt placer; Pull grader, power control; Refrigerating machine, freezing operation; Ross carrier; Sheepfoot roller (self-propelled); Tamper (multiple vibrating, asphalt, waterbound macadam, bituminous macadam, brick surface); Trench machine, 24" and under; Tube float; Welder

GROUP 3: Assistant plant engineer; Base paver (Jersey or similar type machine); Concrete finishing machine; Concrete mixer, less than 21 cu. ft.; Curb machine; Farm tractor, including farm tractor with all attachments except backhoe and including high lift end loaders of 1 cu. yd. capacity or less; Fire tender on boiler; Hoist, 1 drum; Operator, 5 pieces of minor equipment; Paving breaker; Power broom, self-propelled; Roller, earth and sub-base material; Slurry seal machine; Spike machine (RR); Tamper (multiple vibrating, earth and sub-base material); Throttle valve and fire tender combination on horizontal or upright boiler; Tractaire with drill; Tractor, 50 h.p. or over; Well point system; Widener, APSCO or similar type

GROUP 4: Air compressor; Assistant to engineer, oiler; Automatic dry batch plant; Bituminous distributor; Bituminous patching tamper; Belt spreader; Broom and belt machine; Chair cart, self-propelled; Coleman-type screen; Conveyor, portable; Digger post hole, power-driven; Fork lift, under 10 ton; Form grader; Form tamper, motor-driven; Generator; Hetherington driver; Hydra seeder; Operator, 1 through 4 pieces of minor equipment; Outboard or inboard motor boat; Power curing spraying machine; Power saw, concrete, power-driven; Pug mill; Pull broom, power-type; Seaman tiller; Straw blower or brush mulcher; Striping machine paint, motor-driven; Sub grader; Tractaire, tractor, below 50 h.p.; Truck crane oiler, driver; Spreader; Water pump; Welding machine, 2 of 300 amps or over

ENGI0150-009 04/01/2023

HEAVY, HIGHWAY AND RAILROAD CONSTRUCTION

ELKHART, FULTON, JASPER, KOSCIUSKO, LAGRANGE, MARSHALL, NEWTON, NOBLE, PULASKI, and STARKE COUNTIES

Rates Fringes

POWER EQUIPMENT OPERATOR

GROUP 1.....	\$ 33.90	33.75
GROUP 2.....	\$ 32.30	33.75
GROUP 3.....	\$ 31.00	33.75
GROUP 4.....	\$ 29.60	33.75
GROUP 5.....	\$ 24.30	30.85

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Air compressors in manifold with throttle valve; Asphalt plant engineer; Auto grade or similar type machine; Auto patrol; Automatic Sub-Grade; Backhoe or farm type tractor, 45 hp and over; Ballast regulator (RR); Barrier Wall Machine; Batch Plants (Concrete & Asphalt); Bituminous mixer; Bituminous paver; Bituminous plant engineer; Boring Machine; Bulldozer; Caisson drilling machine; Cherry picker, 15 ton or over; Chip spreader; Concrete mixer, 21 cu. ft. or over; Concrete Belt Placer; Concrete Paver; Concrete Pump (Truck Mounted); Concrete Saw (track mounted); Concrete Spreader (power driven); Core drilling machine; Crane or derrick with any attachment (including clamshell, dragline, shovel, backhoe, etc.); Curb Machine; Gutter Machine; Dredge engineer; Dredge operator; Drilling machine on which the drill is an integral part; Earthmover, rubber-tired (paddle wheel, 616, 631, TS-24 or similar type); Earthmover, rubber-tired, tandem (.50 per hr. additional for each bowl); Elevating Grader; Forklift (10 ton or over); P.C.C. Formless Paver; Gradall; Gravel Processing Plant (portable); Operator of Guard Rail Post Driver; Highlift Shovel 1-1/2 cu.yd. or over) Frame; Hoist (2 drum & over); Helicopter crew; Hydraulic boom truck; Hydraulic Excavator; Loaded-Self propelled (belt chain wheel); Laser Screed; Locomotive operator; Mechanic; Mucking machine; P.C.C. Concrete Belt Placer; Panel board concrete plant (central mix type); Paver (Hetherington); Pavement Breaker; Pile driver, skid or crawler; Road paving mixer; Rock breaking plant; Rock crushing plant (portable); Roller (asphalt, waterbound macadam, bituminous macadam, brick surface); Roller with dozer blade; Road Widener; Root rake (tractor-mounted); Roto Mill Grinder; Self-propelled widener; Stump remover; Surface heater and planer; Tandem push tractor (\$0.50 per hour additional); Tractor, boom; Winch or hoe head; Tractor (push); Tractor with scoop; Tractor-mounted spreader; Tree mover; Trench machine, over 24"; Tug boat operator; Well drilling machine; Widener (Apsco or similar type); Winch truck with A-frame

GROUP 2: Air compressor with throttle valve or Clever Brooks type combination; Backfiller; Farm type tractor (under 45 H.P.); Cherry picker under 15 ton; Chip spreader (self-propelled); Concrete pump (trailer type); Concrete mesh depressor, independently operated; End loader under 1 1/2 cu. yd.; Excavating loader (portable); Finishing machine and bull float; Guniting machine; Hydraulic Power unit; Head greaser; Mesh or steel placer; Multiple tamping backhoe on machine (RR); Bull float (bidwell Machine); Refrigerating machine-operation; Ross Carrier; Sheepfoot roller (self-propelled); Tamper-Multiple Vibrating (Asphalt, Waterbound, Macadam, Bituminous Macadam, Brick Surface); Trench machine (24" and under); Tube float; Water Pull/Wagon; Welder

GROUP 3: Plant engineer; Base paver (Jersey or similar type machine); Concrete finishing machine; Concrete mixer, less than 21 cu. ft.; Curb machine; Farm tractor, including farm tractor with all attachments except backhoe and including high lift end loaders of 1 cu. yd. capacity or less; Fireman, on boiler; Hoist, 1 drum; Operator, 3-5 pieces of minor equipment; Paving breaker; Power broom, self-propelled; Roller, earth and sub-base material; Power Saw-Concrete (Power Driven); Slurry seal machine; Spike machine (RR); Sub-surface Material Distributor; Tamper (multiple vibrating, earth and sub-base material); Throttle valve; Throttle Valve and fireman combination on horizontal or upright boiler; Tractaire with drill; Well Point

GROUP 4: Air compressor; Assistant to engineer, oiler; Bituminous patching tamper; Belt spreader; Broom and belt machine; Chair cart, self-propelled; Coleman-type screen; Conveyor, portable; Deck-hand Digger post hole, power-driven; Forklift, under 10 ton; Form grader; Form tamper, motor-driven; Generator; Hetherington driver; Hydra seeder; Mechanic heater; Operator, 2 pieces of minor equipment; Outboard or inboard motor boat; Power curing spraying machine; Pug mill; Pull broom, power type; Seaman tiller; Skid steer loader over 3/4 cu. yd.; Straw blower or brush mulcher; Striping machine paint, motor-driven; Sub-grader; Tractaire; Tractor, below 50 h.p.; Truck crane oiler; Spreader; Water pump

GROUP 5: Skid steer loader under 3/4 cu. yds

 ENGI0150-039 06/01/2021

UNDERGROUND & UTILITY CONSTRUCTION:

JASPER, NEWTON, PULASKI AND STARKE COUNTIES:

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 42.00	39.68
GROUP 2.....	\$ 41.20	39.68
GROUP 3.....	\$ 36.90	39.68
GROUP 4.....	\$ 34.70	39.68
GROUP 5.....	\$ 29.25	39.68

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt plants (construction), Asphalt plant (permanent), Auto Patrol (Maintainer), Automatic Dry Batch Plant, Automated Concrete Placer, Automated Sub-Grader, Automated Slip Form Paver, Automated Finish Machine, Combination Backhoe Front, End Loader Machine (1/2 cu. yd.), Backhoe bucket or over or with attachments), Combination backhoe 1 cu yd, Backhoe bucket or over or with attachments, Ballast Regulator (RR), Belt Loader (stationary), Boring Machine (road), Bulldozer, Concrete Mixer(27 cu. ft. or over), Concrete Pump (truck mounted), Concrete Breaker (truck mounted and self-propelled), Core Drilling Machine, Cranes and Backhoes (all attachments), Cranes, Hammerhead, Creter Crane, Crushers (concrete, rock, recycling, etc.), Derricks , Derricks (traveling), Dredge

Operator, Formless Curb and Gutter Machine (36 inches and over), Formless Curb and Gutter Machine under 36 inches, Gradall and Machines (of a like nature), Guardrail Post Driver (truck mounted), Lead Greaser, Helicopter, Highlift Shovel (3 yd. and over), Hoist (1 drum), Hoist (2, and 3 drums), Hydraulic Power Units (grouting, piledriving and extracting) Hydro or water blaster (self-propelled), Locomotive Operators, Mechanic, Welder, Mucking Machine, Panelboard Concrete Plant (central mix type), Paver (Hetherington), Pile Driver (Skid or Crawler), Road Paving Mixer, Rock Drill Crawler or Skid Rig, Rock Drill (truck Mounted), Ross Carrier, Roto Mill Grinder (36" and over), Roto mill grinder (less than 36"), Throttle Valve and Compressor or Clever Brooks Type Combination, Throttle Valve and Fireman Combination or Horizontal or Upright Boiler, Turnapull or similar type equipment, Tractor (boom), Tractor Drawn Belt Loader with attached Pusher (requires two engineers), Trench Machine, Tug Boat Operator, Wheel Excavator, Winch Tractor with "a" frame, Scoops, Turnapull or similar types machine used in Tandem (add \$1.00 to class 1 hourly rate for each machine attached there to).

GROUP 2: Combination Backhoe Front End Loader Machine with less than 1/2 cu. yd., Backhoe Bucket or with attachments, Bituminous Mixer, Bituminous Paver, Bridge Deck Finisher, Concrete Mixer (less than 27 cu. ft.), Compressor and throttle valve, Compressor (common receiver 3), Greaser, Highlift Shovels (under 3 cu. yds.), Jersey Spreader or Base Paver, Pavement Bump Grinder (self-propelled), Roller (Asphalt, waterbound, Macadam, Bituminous Macadam, Brick Surface, Sheepfoot Roller (self-propelled with blade), Surface Heater and Planer, Tamper (mutiple vibrating, asphalt waterbound macadam, bituminous macadam, brick surface), Tractor (push), Tractor with scoop, Widener, Apsco or similar type.

GROUP 3: Back Filler, Bituminous Distributor, Broom and Belt Machine, Bull Float, Compressor (common receiver 2), Concrete cutter wheel type (rockwell), Concrete Finishing Machine, Concrete Spreader (power driven), Digger, Post Hole (power driven), Finishing Machine and Bull Float, Forklift, Form Grader, Form Tamper (motor driven), Hydraulic (boom truck) when used for hauling materials, Laser screed, Mutiple Tamping Machine, Paving Breaker, Roller (earth and subbase material), Roller sheepfoot (self-propelled), Sub-grader, Tamper, Mutipile Vibrating (earth and subbase material), Tractaire with Drill, Tractor (with all drawn attachments except backhoe and including Highlift, Endloader of 1 cu. yd. capacity and less.

GROUP 4: Air Compressors, Conveyor (all), Fireman on Boiler, Generator, Grout Machine, Power curing Spraying Machine (self-propelled), Broom (self-propelled), Seaman Tiller, Skid steer loaders, Spike Machine (RR), Stripping Machine (paint, self-propelled), Throttle Valve, Welding Machine, Well Points System.

GROUP 5: Deck Hand, Hetherington Driver, Mechanical Heater (1 to 5), Outboard or Inboard Motor Boat, Oiler, Power Saw (Concrete Power Driven), Water Pump, Grasscutter.

 ENGI0181-014 04/01/2022

HEAVY AND HIGHWAY CONSTRUCTION:

BARTHOLOMEW, BROWN, CLARK, CRAWFORD, DEARBORN, DECATUR, DUBOIS,
 FLOYD, FRANKLIN, GIBSON, HARRISON, JACKSON, JEFFERSON,
 JENNINGS, LAWRENCE, MARTIN, OHIO, ORANGE, PERRY, PIKE, POSEY,
 RIPLEY, SCOTT, SPENCER, SWITZERLAND, VANDERBURGH, WARRICK, and
 WASHINGTON COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP A.....	\$ 39.50	18.56
GROUP B.....	\$ 36.85	18.56
GROUP C.....	\$ 34.72	18.56

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP A: Air compressor in manifold with throttle valve;
 Asphalt plant engineer; Auto grade or similar type machine;
 Bituminous mixer; Bituminous paver; Bituminous plant
 engineer; Bulldozer; Caisson drilling machine; Cherry
 picker, all; Ballast regulator (RR); Chip spreader,
 self-propelled; Cold grinder or similar type equipment;
 Concrete mixer, 21 cu. ft. or over; Concrete pump,
 truck-mounted; Core drilling machine; Crane or derrick with
 any attachment (including clamshell, dragline, shovel,
 backhoe, etc.); Dredge operator; Drilling machine on which
 the drill is an integral part; Earth mover, rubber-tired,
 tandem 0.50 per hour additional; Elevating grader;
 Endloader, Hi- lift shovel; P.C.C. formless paver; Gradall;
 Gravel processing plant, portable; Guardrail post driver
 operator; Head greaser; Hi-lift shovel, endloader; Hoist (2
 drums and over); Helicopter crew; Hydraulic boom truck,
 Keystone, Skimmer Scoop; Loader, self-propelled (belt,
 chain wheel); Locomotive operator; Mechanic; Mucking
 machine; Multi-bank drill operator; Panel board concrete
 plant, central mix type; Paver, Hetherington; Pile driver,
 skid or crawler; Road paving mixer; Rock breaking plant;
 Rock crushing plant, portable; Roller (asphalt, waterbound,
 macadam, bituminous macadam, brick surface); Roller, with
 dozer blade; Root rake, tractor-mounted; Stump remover,
 tractor- mounted; Surface heater and planer; Tandem push
 tractor, \$0.50 per hour additional; Tractor, boom winch or
 hoe head; Tractor, push; Tractor with scoop;
 Tractor-mounted spreader; Tree mover; Trench machine, over
 24"; Tug boat operator; Welder; Well drilling machine;
 Self-propelled widener.

GROUP B: Air compressor with throttle valve or clever
 brooks-type combination; Backfiller, base paver, Jersey or
 similar type machine; Bull float; Concrete finishing
 machine; Concrete mesh depressor, independently operated;
 Concrete spreader, power- driven; Dredge engineer;
 Excavator loader, portable; Fire tender on boiler;
 Forklift, regardless of ton; Hoists, 1 drum; Mesh or steel
 placer; Minor equipment operator, 5 pieces; Multiple
 tamping machine (RR); P.C.C. concrete placer; Paving
 breaker; Power broom, self-propelled;

Pull grader, power-controlled; Refrigerating machine, freezing operation; Roller, earth and sub- base material; Ross carrier (Straddle buggy); Sheepfoot roller, self-propelled without blade; Tamper, multiple\vibrating (asphalt, waterbound macadam, bituminous macadam, brick surface); Tamper, multiple vibrating (earth and sub-base material); Trench machine, 24"" and under; Tube float; Well point system; Widener, Apsco or similar type; Winch truck with A-frame.

GROUP C: Air compressor, oiler; Automatic dry batch plant; Bituminous distributor; Bituminous patching tamper; Belt spreader; Broom and belt machine; Brush burner; Chair cart, self- propelled; Coleman-type screen; Cold grinder oiler; Concrete mixer, less than 21 cu. ft.; Conveyor, portable; Curb machine; Deckhand; Digger (post hole, power-driven); Farm tractor, including farm tractor with all attachments (except backhoe, Hi- lift endloaders); Form grader; Form tamper, motor-driven; Generator; Gunitite machine; Hetherington driver; Hydra seeder; Mechanical heater; Minor equipment operator, 1 through 4 pieces; Curing spraying machine; Power saw, concrete (power-driven); Pug mill pull broom, power type; Seaman tiller; Slurry seal machine; Spike machine; Straw blower or brush mulcher; Stripping machine (paint, motor-driven); Sub grader; Throttle valve; Tractaire with drill; Truck crane and multi-drill oiler, driver; Spreader; Water pump.

 ENGI0181-015 04/01/2022

SEWER WATERLINE & UTILITY CONSTRUCTION:

BARTHOLOMEW, BROWN, CLARK, CRAWFORD, DEARBORN, DECATUR, DUBOIS, FLOYD, FRANKLIN, GIBSON, HARRISON, JACKSON, JEFFERSON, JENNINGS, LAWRENCE, MARTIN, OHIO, ORANGE, PERRY, PIKE, POSEY, RIPLEY, SCOTT, SPENCER, SWITZERLAND, VANDERBURGH, WARRICK, and WASHINGTON COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP A.....	\$ 39.50	19.28
GROUP B.....	\$ 36.85	19.28

SEWER WATERLINE & UTILITY CONSTRUCTION

GROUP A: A-frame winch truck; Air compressor 900 cu. ft. and over; Air tugger; Autograde (CMI); Auto patrol; Backhoe; Ballast regulator (RR); Batch plant (electrical control concrete); Bending machine (pipe); Bituminous plant (engineer); Bituminous plant; Bituminous mixer travel plant; Bituminous paver; Bituminous roller; Buck hoist; Bulldozer; Cableway; Chicago boom; Clamshell; Concrete mixer, 21 cu. ft. or over; Concrete paver, concrete pump, crete; Crane; Craneman; Crusher plant; Derrick; Derrick boat; Dinky; Dope pots (pipeline); Dragline; Dredge operator; Dredge engineer; Drill operator; Elevator grader; Elevator; Ford hoe, or similar type equipment; Forklift; Formless paver; Gantry crane; Gradall; Grademan; Hopto; Hough loader or similar type; Hydro crane; Motor crane;

Mucking machine; Multiple tamping machine (RR); Overhead crane; Pile driver; Pulls; Push dozer; Push boats; Roller (sheep foot); Ross Carrier; Scoop; Shovel; Side boom; Swing crane; Trench machine; Welder (heavy duty; Truck-mounted concrete pump; Truck-mounted drill; Well point; Whirleys.

GROUP B: Air compressor, up to 900 cu. ft.; Brakeman; Bull float; Concrete mixer, over 10S and under 21S; Concrete spreader or puddler; Deck engine; Electric vibrator compactor (earth or rock); Finishing machine; Fireman; Greaser, on grease facilities servicing heavy equipment; Material pump; Motor boats; Portable loader; Post hole digger; Power broom; Rock roller; Roller, wobble wheel (earth and rock); Spike machine (RR); Seaman tiller; Spreader rock; Sub grader; Tamping machine; Welding machine; Widener, Apsco or similar type: Bituminous distributor; Cement gun; Concrete saw; Conveyor; Deckhand oiler; Earth roller; Form grader; Generator; Guard rail driver; Heater; JLG lifts; Oiler; Paving joint machine; Power traffic signal; Scissor lift; Steam Jenny; Truck crane oiler; Vibrator; Water pump.

 ENGI0841-011 04/01/2020

HEAVY, HIGHWAY AND UTILITY CONSTRUCTION

BOONE, CLAY, DAVIESS, FOUNTAIN, GREENE, HENDRICKS, KNOX, MONROE, MONTGOMERY, MORGAN OWEN, PARKE, PUTNAM, SULLIVAN, VERMILLIAN, VIGO, and WARREN COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 33.75	23.00+a
GROUP 2.....	\$ 27.50	23.00+a

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Air Compressor Over 600 CU FT, Air Compressors (2), Compressors hooked in Manifold, Asphalt Plant Engineer, Auto Grade and/or C.M.I. or similar type Machine, Auto Patrol, Motor Patrol, Power Blade, Aspco Paver, Asphalt Planer, Asphalt Rollers, Asphalt Paver Operator, Concrete or Asphalt Milling Machine, Self Propelled Widener, Backhoe and/or Pavement Breaker Attachment, Self Propelled Pavement Breaker, Ballast Regulator (R.R), Bituminous Mixer, Bituminous Paver, Bituminous Plant Engineer, Bulk Cement Plant Engineer, Bulldozer, One Drum Hoist with Tower or Boom, Cableways, Tower Machines, Back Filler, Boom Tractor, Boom or Winch Truck, Winch or Hydraulic Boom Truck, Boring Machine, Bolier Operator, Brush Mulcher, Bull Float, Finishing Machine, Power Cranes, Overhead Cranes, Truck cranes, Piledriver, Skid or Crawler, Guard Rail Post Driver, Tower Cranes, Hydro Crane, Cherry Picker, Draglines, Derricks, Shovels, Clam, Gradalls, Two Drum Machine, Concrete or Asphalt Curb Machine, Self Propelled, Concrete Mixers with Skid, Tournamixer, Concrete Pump (Truck or Skid Mounted), Concrete Plant Engineer, Soil Cement Machine, Formless Paver, Concrete Spreader, Span Saw (and similar types), Chip Spreader, Mesh Placer, Dredging

Equipment or Dredge Engineer or Dredge Operator, Tug Boat Operator, Marine Scoops, Ditching Machine with Dual Attachment, Standard or Dinkey Locomotives, Drilling Machine, including Well Testing, Caissons, Shaft or any similar type Drilling Machine (Well Point Systems), 4 Point Life System (Power Lift or similar type), Mud Cat, Mucking Machine, Sull-Air, Mechanics, Welder, Head Equipment Greaser, Tournapull, Tractor Operating Scoops, Push Tractors, Large Rollers on Earth, Loaders (Track or Rubber Mounted), or similar type Machine, Lull, Tournadozer, Scoopmobiles, Elevating Machines, Power Broom (Self Propelled), Power Sub Grader, Hydra Ax, Farm Tractor with Attachments, Soil Stabilizer (Seaman Tiller, Bo mag, Rago Gator and similar types of equipment), Tree Mover, Stump Remover, Root Rake, Hydra Seeder, Straw Blower, Refrigerating Machine, Freezing Operator, Chair Cart-Self Propelled, Helicopter Crew (3), Ross Carrier or Straddle Buggy or similar Machine, Rock Crusher Plant, Gravel Processing Machine, Pipe Cleaning Machine, Pipe Wrapping Machine, Pipe Bending Machine, Pug Mill, Concrete Bump Grinder Machine, Power Curing Spray Machine, Forklift (except when used for landscaping), Snooper Truck Operator.

GROUP 2: Air Compressor 600 cu. ft. and under, Air Tugger, Air Valves, Assistant Concrete Plant Engineer, Assistant Asphalt Plant Engineer, Asphalt Plant Fireman, Bulk Cement Plant Equipment Greaser, Concrete Mixers without Skips, Curbing Machine, Concrete Saw (Self Propelled), Conveyors, Cement Blimps, Ditching Machine under 6", Distributor Operator On trucks, Deck Hands, Elevators when used for hoisting material, Engine Tenders, Fork Lift (when used for landscaping), Farm Tractor, Fireman, Fireman on Paint or Dope Pots, Form Tamper, Form Grader, Flex Plane, Generators (two to four), or Welding Machines or Water Pumps, within 400 feet, Gunite Machine, Machine Mounted Post Hole Digger, Mude Jack, One Drum Machines without Tower or Boom, One Water Pump, One Welding Machine, Outboard or Inboard Motor Boat, Pull Broom (Power Type, Siphons and Pulsometer, Switchman, Striping and or Painting Machine (motor driven), Slurry Seal Machine, Track Jack, Temporary Heat, Throttle Valve, Tube Float, Tractaire, Wagon Drill, Multiple Tamping Machine (R.R.), Spike Machine (R.R.), Mechanical Heaters, Brush Burner, Vacuum Truck (Super Sucker and similar types).

FOOTNOTES:

A. Employees operating booms from 149Ft. to 199 Ft. including jib, shall receive an additional seventy-five Cents (.75) per hour above the rate. Employees operating booms over 199 Ft. including jib, shall receive an additional one dollar and twenty-five cents (\$1.25) per hour above the regular rate.

B. Employees operating scoops, pulls, or tractors hooked in tandem shall receive an additional one dollar (\$1.00) per hour above the regular rate.

C. Employees operating scoops, pulls, or tractors pulling any other hauling unit in tandem shall receive an additional one dollar (\$1.00) per hour above the regular rate.

D. Underground work - Employees working in tunnels, shafts, etc. shall be paid a thirty percent (30%) premium above the wage rate.

IRON0022-001 06/01/2023

BARTHOLOMEW, BENTON, BOONE, BROWN, CARROLL, CASS, CLAY, CLINTON, DAVIESS (REMAINDER OF COUNTY), DECATUR (W 3/4), DELAWARE (REMAINDER OF COUNTY), FAYETTE (W 1/3), FOUNTAIN, FRANKLIN (NW TIP), FULTON (REMAINDER OF COUNTY), GRANT (REMAINDER OF COUNTY), GREENE, HAMILTON, HANCOCK, HENDRICKS, HENRY, HOWARD, JACKSON, JASPER (SOUTHEASTERN 1/2), JENNINGS (NORTHWEST 2/3), JOHNSON, KNOX (REMAINDER OF COUNTY), LAWRENCE, MADISON, MARION, MARTIN (NW 2/3), MIAMI (REMAINDER OF COUNTY), MONROE, MONTGOMERY, MORGAN, NEWTON (SOUTHERN 1/2), OWEN, PARKE, PULASKI (REMAINDER OF COUNTY), PUTNAM, RANDOLPH (SW TIP), RUSH (REMAINDER OF COUNTY), SHELBY, SULLIVAN, TIPPECANOE, TIPTON, VERMILLION, VIGO, WAYNE, WARREN AND WHITE COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 35.45	25.39

The following holidays shall be observed: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day. Any holiday which occurs on a Sunday shall be observed the following Monday, unless the legal observance of these holidays is changed by law.

IRON0044-010 06/01/2023

DEARBORN, DECATUR (REMAINDER OF COUNTY), FAYETTE (REMAINDER OF COUNTY), FRANKLIN (REMAINDER OF COUNTY), JEFFERSON (REMAINDER OF COUNTY), JENNINGS (REMAINDER OF COUNTY), OHIO, RIPLEY, RUSH (SOUTHEASTERN TIP), SWITZERLAND, AND UNION (SOUTHERN 1/3)

	Rates	Fringes
Ironworkers:		
FENCE ERECTORS.....	\$ 30.75	22.30
ORNAMENTAL.....	\$ 32.37	22.30
STRUCTURAL, MACHINERY		
MOVERS, RIGGERS.....	\$ 32.37	22.30

IRON0070-002 06/01/2023

CLARK, CRAWFORD, FLOYD, HARRISON, JACKSON (SOUTHERN 3/4); JEFFERSON (EXCLUDING NORTHEASTERN TIP); JENNINGS (SOUTHERN 3/4), LAWRENCE (SOUTHERN 2/3), MARTIN (SOUTHEASTERN 2/3), ORANGE, PERRY (EASTERN 3/4); SCOTT AND WASHINGTON COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 32.59	24.62

IRON0070-016 06/01/2023

DEARBORN, DECATUR (REMAINDER OF COUNTY), FAYETTE (SE CORNER), FRANKLIN (S 3/4), OHIO, RIPLEY (REM. OF COUNTY), SWITZERLAND (REMAINDER OF COUNTY) and JENNINGS (NE TIP) COUNTIES

	Rates	Fringes
IRONWORKER (Reinforcing).....	\$ 32.59	24.62

IRON0103-001 04/01/2022

DAVISS (S 1/2), DUBOIS, GIBSON, KNOX (S 1/2), MARTIN (SW 1/3), PERRY (W 1/4), PIKE, POSEY, SPENCER, VANDERBURGH, AND WARRICK

	Rates	Fringes
IRONWORKER.....	\$ 30.59	25.66

IRON0147-004 06/01/2023

ADAMS, ALLEN, BLACKFORD, DEKALB, DELAWARE (NORTHEAST THIRD OF COUNTY), FULTON (EASTERN PART), GRANT (EXCLUDING SOUTHWEST PORTION), HUNTINGTON, JAY, MIAMI (NORTHEAST HALF), NOBLE (EXCLUDING NORTHEAST TIP), STEUBEN, WABASH, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.00	25.59

IRON0290-004 06/01/2023

FAYETTE (NE 1/4), RANDOLPH (S. PART OF COUNTY EXCLUDING WINCHESTER BUT INCLUDING UNION CITY) UNION (NORTHERN 2/3) AND WAYNE (REMAINDER OF COUNTY) COUNTIES

	Rates	Fringes
Ironworkers:.....	\$ 32.69	24.50

IRON0292-005 06/01/2023

ELKHART, FULTON (North 2/3), KOSCIUSKO (Remainder of County), LAGRANGE (West 1/3), MARSHALL, MIAMI (Northwestern Tip), NOBLE (Northwestern Tip), PULASKI (Northeast Half), and STARKE COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 35.15	24.45

IRON0395-002 06/01/2023

JASPER (NORTHERN 1/2), NEWTON (NORTHERN 1/2), PULASKI (NORTHWESTERN TIP) COUNTIES

	Rates	Fringes
IRONWORKER		
IRONWORKERS.....	\$ 44.30	38.37
SHEETER.....	\$ 41.75	34.54

LAB00041-003 04/01/2023

HEAVY & HIGHWAY CONSTRUCTION

NEWTON COUNTY

	Rates	Fringes
LABORERS		
Group 1.....	\$ 32.47	24.73
Group 2.....	\$ 32.77	24.73
Group 3.....	\$ 33.47	24.73

LABORERS CLASSIFICATIONS (HEAVY AND HIGHWAY)

GROUP 1: Construction Laborer, Carpenter Tender, Fence Erector, Grade Checker, Guard Rail Erector, Continuous Steel Rod or Mat Installer, Wire Mesh Layer, Joint Man (Mortar, Mastic, and all other types), Lighting Installer (Permanent or Temporary), Lineman for Automatic Grade Maker on Paving Machines, Mortar Man, Multi-Plant Erector, Rip-rap Installer (all Products and Materials), Road Marking and Delineation Laborer, Setting and Placing of all Precast Concrete Products, Sing Installation including supporting structure, Spraying of all Epoxy, Curing Compound, or Like Material, Flagperson, Air Tool, Power Tool Operator, Asphalt Raker Man, Batch Truck Dumper, Bridge Hand Rail ERector, Handler (bulk or bag cement), Chain Saw Man, Concrete Puddler, Concrete Rubber, Concrete Saw Operator, Core Drill Operator, Eye Level, Hand Blade Operator Hydro Seeder Man, Motor Driven Georgia Buggy Operator, Power Driven Compactor or Taper Operator, Power Saw Operator, Pump Crete Assembly Man, Sreed Man or Screw Man on Asphalt Paver, Regar Installer, Sandblaster Man, Sealer Applicator for Asphalt (toxic), Setting and Placing pre-stressed on Pre-cast Concrete Structural Members, Side Rail Setters (for Sidewalk, Side Ditches, Radii, and Pavement), Spreader Box Tender (manua or power driven), Straw Blower Man, Subsureface Drain and Culvert Pipe Layer, Concrete Conveyor, Horizontal Boring and Jackman and Sheetman, Pipe Greade Man, Winch and Windless Operator Conduit Installer, Sod Layer

GROUP 2: Cutting Torch Burner, Laser Beam Aligner, Manhole Erector, Sewer Pipe Layer, Water Line Installer, Temporary or Permanent Welders (electric or Oxy Acetylene)

GROUP 3: Air Track and Wagon Drillman, Dynamite and Powder Man, Concrete Barrier Rail Form Setter, Concrete Saw Joint Control Cutting

LAB00041-005 04/01/2023

UTILITY CONSTRUCTION

JASPER & NEWTON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 32.47	24.73
GROUP 2.....	\$ 32.77	24.73
GROUP 3.....	\$ 33.47	24.73

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanant or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural memebers; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or exy-acetylene) in connection with waterline and sewer work, Hod Carrier (tending bricklayers); TVing and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting

LAB00041-006 04/01/2023

HEAVY & HIGHWAY CONSTRUCTION

JASPER & STARKE COUNTIES

	Rates	Fringes
--	-------	---------

LABORERS

Group 1.....	\$ 29.70	24.73
Group 2.....	\$ 30.00	24.73
Group 3.....	\$ 30.70	24.73

LABORERS CLASSIFICATIONS (HEAVY AND HIGHWAY)

GROUP 1: Construction Laborer, Carpenter Tender, Fence Erector, Grade Checker, Guard Rail Erector, Continuous Steel Rod or Mat Installer, Wire Mesh Layer, Joint Man (Mortar, Mastic, and all other types), Lighting Installer (Permanent or Temporary), Lineman for Automatic Grade Maker on Paving Machines, Mortar Man, Multi-Plant Erector, Rip-rap Installer (all Products and Materials), Road Marking and Delineation Laborer, Setting and Placing of all Precast Concrete Products, Sing Installation including supporting structure, Spraying of all Epoxy, Curing Compound, or Like Material, Flagperson, Air Tool, Power Tool Operator, Asphalt Raker Man, Batch Truck Dumper, Bridge Hand Rail ERector, Handler (bulk or bag cement), Chain Saw Man, Concrete Puddler, Concrete Rubber, Concrete Saw Operator, Core Drill Operator, Eye Level, Hand Blade Operator Hydro Seeder Man, Motor Driven Georgia Buggy Operator, Power Driven Compactor or Taper Operator, Power Saw Operator, Pump Crete Assembly Man, Sreed Man or Screw Man on Asphalt Paver, Regar Installer, Sandblaster Man, Sealer Applicator for Asphalt (toxic), Setting and Placing pre-stressed on Pre-cast Concrete Structural Members, Side Rail Setters (for Sidewalk, Side Ditches, Radii, and Pavement), Spreader Box Tender (manua or power driven), Straw Blower Man, Subsurface Drain and Culvert Pipe Layer, Concrete Conveyor, Horizontal Boring and Jackman and Sheetman, Pipe Greade Man, Winch and Windless Operator Conduit Installer, Sod Layer

GROUP 2: Cutting Torch Burner, Laser Beam Aligner, Manhole Erector, Sewer Pipe Layer, Water Line Installer, Temporary or Permanent Welders (electric or Oxy Acetylene)

GROUP 3: Air Track and Wagon Drillman, Dynamite and Powder Man, Concrete Barrier Rail Form Setter, Concrete Saw Joint Control Cutting

LAB00081-003 04/01/2023

UTILITY CONSTRUCTION

STARKE COUNTY

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.70	24.73
GROUP 2.....	\$ 30.00	24.73
GROUP 3.....	\$ 30.70	24.73

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker

on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Hod Carrier (tending bricklayers); TVing and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting

LAB00120-003 04/01/2023

UTILITY CONSTRUCTION

MARION & SHELBY COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power

tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting; Hod Carrier (tending bricklayers)

LAB00204-003 04/01/2023

UTILITY CONSTRUCTION

CLAY, FOUNTAIN, GREENE, HENDRICKS, OWEN, PARKE, PUTNAM, SULLIVAN, VERMILLION, VIGO, & WARREN COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator;

Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Hod Carrier (tending bricklayers); Concrete Saw Joint Control cutting

LAB00213-003 04/01/2023

UTILITY CONSTRUCTION

ADAMS, ALLEN, DEKALB, HUNTINGTON, NOBLE, STEUBEN, WABASH, WELLS, & WHITLEY COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man

on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Hod Carrier (tending bricklayers); Concrete Saw Joint Control cutting

LAB00274-005 04/01/2023

UTILITY CONSTRUCTION

BENTON, BOONE, CARROLL, CASS, CLINTON, FULTON, HOWARD, MIAMI, MONTGOMERY, PULASKI, TIPPECANOE, TIPTON, and WHITE COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and

pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Hod Carrier (tending bricklayers); Concrete Saw Joint Control cutting

LAB00561-015 04/01/2023

UTILITY CONSTRUCTION

DAVIESS, DUBOIS, GIBSON, KNOX, PIKE, POSEY, SPENCER, VANDERBURGH, & WARRICK COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural memebers; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man;

Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Hod Carrier (tending bricklayers); Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting

LAB00645-005 04/01/2023

UTILITY CONSTRUCTION

ELKHART COUNTY

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in

connection with waterline and sewer work, Hod Carrier (tending bricklayers); Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting

LABO0645-006 04/01/2023

UTILITY CONSTRUCTION

KOSCIUSKO, LAGRANGE, & MARSHALL COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural memebers; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or exy-acetylene) in connection with waterline and sewer work, Hod Carrier (tending bricklayers); Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman;

Concrete Saw Joint Control cutting

 LAB00741-007 04/01/2023

UTILITY CONSTRUCTION

BARTHOLOMEW, BROWN, DEARBORN, DECATUR, FRANKLIN, JACKSON,
 JENNINGS, JOHNSON, LAWRENCE, MARTIN, MONROE, MORGAN, OHIO,
 ORANGE & RIPLEY COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, TVing and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Hod Carrier (tending bricklayers); Concrete Saw Joint Control cutting

LAB00795-004 04/01/2023

UTILITY CONSTRUCTION

CLARK, CRAWFORD, FLOYD, HARRISON, JEFFERSON, PERRY, SCOTT, SWITZERLAND, & WASHINGTON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, Hod Carrier (tending bricklayers); Tving and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Concrete Saw Joint Control cutting

LAB00999-001 04/01/2023

HEAVY AND HIGHWAY CONSTRUCTION

ALL COUNTIES EXCEPT: Jasper, Newton, & Starke

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 28.50	17.72
GROUP 2.....	\$ 29.00	17.72
GROUP 3.....	\$ 29.50	17.72

LABORERS CLASSIFICATIONS

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, TVing and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; General leadman; Hod Carrier (tending bricklayers); Concrete Saw Joint Control cutting

LAB01112-003 04/01/2023

UTILITY CONSTRUCTION

BLACKFORD, DELAWARE, FAYETTE, GRANT, HAMILTON, HANCOCK, HENRY, JAY, MADISON, RANDOLPH, RUSH, UNION & WAYNE COUNTIES

	Rates	Fringes
--	-------	---------

Laborers:

GROUP 1.....	\$ 29.00	17.72
GROUP 2.....	\$ 29.50	17.72
GROUP 3.....	\$ 30.00	17.72

LABORERS CLASSIFICATIONS (UTILITY CONSTRUCTION)

GROUP 1: Construction laborer; Fence erector; Flagger; Grade checker; Guard rail erector; Wire mesh layer; Joint man (mortar, mastic and all other types); Lighting installer (permanent or temporary); Lineman for automatic grade maker on paving machines; Mortar man; Multi-plate erector; Rip-rap installer (all products and materials); Road marking and delineation laborer; Setting and placing of all precast concrete products; Sign installation including supporting structure; Spraying of all epoxy, curing compound, or like material; sod layer; Air tool, power tool, and power equipment operator; Asphalt lute man; Asphalt raker man; Batch truck dumper; Bridge handrail erector; Handler (bulk or bag cement); Chain saw man; concrete puddler; concrete rubber; Concrete saw operator; Core drill operator, eye level; Hand blade operator; Hydro seeder man; Motor-driven Georgia buggy operator; Power-driven compactor or tamper operator; Power saw operator; Pumpcrete assembly man; Screed man or screw man on asphalt paver; Rebar installer; Sandblaster man; Sealer applicator for asphalt (toxic); Setting and placing prestressed or precast concrete structural members; Side rail setter (for sidewalks, side ditches, radii, and pavements); Spreader box tender (manual or power-driven); Straw blower man; Subsurface drain and culvert pipe layer; Transverse and longitudinal hand bull float man; Concrete conveyor assembly man; Horizontal boring and jacking man; Jackman and sheetman; Pipe grade man; Winch and windlass operator

GROUP 2: Cutting torch burner; Laser beam aligner; Manhole erector; Sewer pipe layer; Water line installer, temporary or permanent; Welder (electric or oxy-acetylene) in connection with waterline and sewer work, TVing and associated grouting of utility lines

GROUP 3: Air track and wagon drillman; Concrete barrier rail form setter; Dynamite and powder man; Hod Carrier (tending bricklayers); General leadman; Concrete Saw Joint Control cutting

 PAIN0012-006 05/01/2023

COMMERCIAL AND INDUSTRIAL

DEARBORN, OHIO, RIPLEY AND SWITZERLAND COUNTIES:

	Rates	Fringes
PAINTER		
Bridges, Lead Abatement.....	\$ 26.30	11.35
Brush & Roller,		
Paperhanger, Drywall Taping.	\$ 29.57	12.42
Sandblasting, Waterblasting.	\$ 28.82	12.42
Spray.....	\$ 28.57	12.42

 PAIN0027-005 06/01/2022

NEWTON COUNTY, West of Highway #41

	Rates	Fringes
GLAZIER.....	\$ 48.75	41.32

 PAIN0047-005 06/01/2023

BARTHOLOMEW, BOONE, BROWN, DECATUR, HAMILTON, HANCOCK,
 HENDRICKS, JACKSON, JENNINGS, JOHNSON, LAWRENCE, MARION,
 MARTIN, MONROE, MORGAN, ORANGE, AND SHELBY COUNTIES

	Rates	Fringes
PAINTER		
BRIDGE WORK		
Concrete/Masonry Bridges...	\$ 26.44	13.30
Steel Bridges.....	\$ 30.50	14.50
NON-BRIDGE WORK		
Brush, Roller.....	\$ 29.52	15.89
Spray and Sand-Blasting....	\$ 30.52	15.89

 PAIN0080-001 06/01/2023

BENTON, CARROLL, CASS, CLINTON, FOUNTAIN, MONTGOMERY TIPPECANOE
 AND WARREN COUNTIES

	Rates	Fringes
PAINTER		
Brush and Roller.....	\$ 28.68	17.51
Spray and Sandblasting.....	\$ 29.63	17.51

 PAIN0091-007 06/01/2023

ELKHART, FULTON, KOSCIUSKO AND MARSHALL COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller, Drywall Taping & Finishing,		
Vinyl/Paper Hanging.....	\$ 30.00	17.60
Spray.....	\$ 30.50	17.60

 PAIN0118-005 06/01/2023

CLARK, CRAWFORD, FLOYD, HARRISON JEFFERSON, SCOTT AND
 WASHINGTON COUNTIES

	Rates	Fringes
Painters:		
Heavy Construction		
Brush, Roller & Paperhanger.....	\$ 22.20	14.07

Spray, Sandblast & Waterblast.....	\$ 23.45	13.19
Highway Construction & Railroad Bridges		
Brush, Roller & Paperhanger.....	\$ 35.00	15.05
Spray, Sandblast & Waterblast.....	\$ 35.00	15.05

 PAIN0156-001 04/01/2023

DAVISS, DUBOIS, GIBZSON, KNOX, PERRY, PIKE, POSSEY, SPENCER, VANDERBURGH, AND WARRICK COUNTIES

Rates Fringes

Painters:

BRUSH & ROLLER OF MASTICS, CREOSOTES, KEWINCH KOATE, & COAL TAR EPOXY.....	\$ 29.55	19.19
BRUSH & ROLLER.....	\$ 27.30	19.19
DRYWALL FINISHERS.....	\$ 27.55	19.19
SPRAY of MASTICS		
CREOSOTES, KWINCH KOATE, COAL TAR EPOXY.....	\$ 28.30	19.19
SPRAY, SANDBLAST, POWER TOOLS, WATERBLAST & STEAM		
CLEANING.....	\$ 28.30	19.19

FOOTNOTE A:

All Structures over 40? \$0.75/ hour above base wage
 All Structures over 75? \$1.50/ hour above base wage
 All Structures over 100? \$2.50/ hour above base wage

 PAIN0197-001 06/01/2023

CLAY, GREENE, OWEN, PARKE, PUTNAM, SULLIVAN, VERMILLION AND VIGO COUNTIES:

Rates Fringes

Painters:

Brush & Roller.....	\$ 29.25	14.20
Sandblasting.....	\$ 31.25	14.20
Spray & Pot Man.....	\$ 30.00	14.20

FOOTNOTE A: \$1.00 premium for work on structures over 40 ft. above floor/ground level
 \$2.00 premium for work on structures over 100 ft above floor/ground level

 PAIN0387-004 11/01/2022

DEARBORN, FRANKLIN, OHIO, RIPLEY, and SWITZERLAND COUNTIES

Rates Fringes

GLAZIER.....	\$ 30.33	17.12
--------------	----------	-------

 PAIN0460-004 06/01/2023

JASPER, NEWTON, PULASKI, STARKE AND WHITE COUNTIES

	Rates	Fringes
Painters:		
Brush & Roller		
Building.....	\$ 38.50	28.76
Brush and Roller		
Heavy and Highway.....	\$ 38.50	28.76
Drywall Taping & Finishing..	\$ 39.30	28.76

 PAIN0469-002 06/01/2023

ADAMS, ALLEN, DEKALB, GRANT, HUNTINGTON, LAGRANGE, NOBLE,
 STEUBEN, WABASH, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
Painters:		
Brush, Roller,		
Paperhanger, & Drywall		
Finishing.....	\$ 25.04	15.32
Lead Abatement.....	\$ 30.24	15.32
Spray & Sandblast Pot		
Tenders and Ground		
Personnel.....	\$ 25.05	15.32
Spray, Sandblast, Power		
Tools, Waterblast, & Steam		
Cleaning.....	\$ 25.04	15.32

 PAIN0669-001 05/01/2023

BLACKFORD, DELAWARE, FAYETTE, FRANKLIN, HENRY, HOWARD, JAY,
 MADISON, MIAMI, RANDOLPH, RUSH, TIPTON, UNION and WAYNE COUNTIES

	Rates	Fringes
Painters:		
Brush; Roller;		
Paperhanging; Drywall		
Finishers.....	\$ 23.70	15.79
Spray/Waterblasting;		
Sandblasting.....	\$ 24.70	15.79

 PAIN1165-014 07/01/2023

CLARK, CRAWFORD, DAVIESS, DUBOIS, FLOYD, GIBSON, HARRISION,
 JEFFERSON, KNOX, MARTIN, ORANGE, PERRY, PIKE, POSEY, SCOTT,
 SPENCER, VANDERBURGH, WARRICK AND WASHINGTON

	Rates	Fringes
GLAZIER.....	\$ 30.87	18.83

 PAIN1165-017 07/01/2023

ADAMS, ALLEN, BLACKFORD, DE KALB, GRANT, HUNTINGTON, JAY,
NOBLE, STEUBEN, WABASH, WELLS AND WHITLEY COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 28.00	17.82

PAIN1165-018 07/01/2023		

JASPER and NEWTON (East of Highway #41) COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 40.09	27.98

PAIN1165-019 07/01/2023		

ELKHART, FULTON, KOSCIUSKO, LAGRANGE, MARSHALL, PULASKI, and
STARKE COUNTY

	Rates	Fringes
GLAZIER.....	\$ 31.22	21.57

PAIN1165-022 01/01/2023		

BARTHOLOMEW, BENTON, BOONE, BROWN, CARROLL, CASS, CLAY,
CLINTON, DECATUR, DELEWARE, FAYETTE, FOUNTAIN, GREENE, HAMILTON,
HANCOCK, HENDRICKS, HENRY, HOWARD, JACKSON, JENNINGS, JOHNSON,
LAWRENCE, MADISON, MARION, MIAMI, MONROE, MONTGOMERY, MORGAN,
OWEN, PARKE, PUTNAM, RANDOLPH, RUSH, SHELBY, SULLIVAN,
TIPECANOE, TIPTON, UNION, VIGO, VERMILLION, WARREN, WAYNE, and
WHITE COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 31.92	19.43

PLAS0075-001 06/01/2017		

CLAY, OWEN, PARKE, PUTNAM, VERMILLION AND VIGO COUNTIES:

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 25.75	13.50

PLAS0075-002 06/01/2017		

GREENE and SULLIVAN COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 28.50	13.50

PLAS0101-001 06/01/2018		

ELKHART, FULTON AND MARSHALL COUNTIES; PULASKI COUNTY (SOUTHERN
1/2):

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 31.50	14.30

PLAS0101-008 06/01/2014		

ADAMS, ALLEN, DEKALB, HUNTINGTON, KOSCIUSKO, LAGRANGE, NOBLE, STEUBEN, WELLS AND WHITLEY COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 23.38	11.94
PLASTERER.....	\$ 25.69	11.75

PLAS0438-003 06/01/2018		

PULASKI (NOTHERN 2/3), JASPER (N. EASTERN PORTION OF WEST TO BUT NOT INCLUDING WHEATFIELD), ALL OF STARKE COUNTY

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 36.01	25.40

* PLAS0692-002 06/01/2023		

AREA #46

BARTHOLOMEW, BOONE, BROWN, CLARK, CLAY, CRAWFORD, DAVIESS, DUBOIS, GIBSON, HENDRICKS, JACKSON, JEFFERSON, JENNINGS, JOHNSON, KNOX, LAWRENCE, MARION, MARTIN, MONROE, MORGAN, ORANGE, OWEN, PARKE, PERRY, PIKE, POSEY, PUTNAM, SCOTT, SHELBY, SPENCER, VANDERBURGH, VERMILLION, VIGO and WARRICK COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 29.89	16.63

* PLAS0692-008 05/01/2023		

BARTHOLOMEW, BROWN, CLARK, DEARBORN, FLOYD, JACKSON, JEFFERSON, JENNINGS, LAWRENCE, OHIO, ORANGE, RIPLEY, SCOTT, SHELBY, SWITZERLAND, and WASHINGTON Counties

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER AREA #821.....	\$ 28.12	16.90

* PLAS0692-009 06/01/2023		

AREA #83

BLACKFORD, DELAWARE, GRANT, HAMILTON (Northern Part), HANCOCK (Northern Part), JAY, MADISON, TIPTON, and WABASH COUNTIES

Rates	Fringes
-------	---------

CEMENT MASON/CONCRETE FINISHER...	\$ 29.25	19.34
PLASTERER.....	\$ 28.14	15.90

* PLAS0692-011 06/01/2023

AREA #83

DECATUR, FAYETTE, FRANKLIN, HENRY, RANDOLPH, RUSH, UNION and WAYNE COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 29.25	19.34
PLASTERER.....	\$ 28.14	15.90

* PLAS0692-015 06/01/2023

AREA #121

BENTON, CARROLL, CASS, CLINTON, FOUNTAIN, HOWARD, MIAMI, MONTGOMERY, TIPPECANOE, WARREN, WHITE and VERMILLION (Northern Part) COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 31.25	20.20
PLASTERER.....	\$ 27.71	16.40

* PLAS0692-018 06/01/2023

AREA #165

NEWTON COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 43.03	29.03

* PLAS0692-022 06/01/2023

Southward on Rt. No. 49 to the JASPER, BENTON and WHITE County lines, including the City Limits of Wheatfield, Rensselaer and Remington, Indiana. To the West, the boundary of NEWTON County

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER AREA #406.....	\$ 41.22	30.84

* PLAS0692-023 06/01/2023

AREA #532

BOONE, HAMILTON (SOUTH HALF OF COUNTY NORTH TO NEW ROUTE INDIANA #32 INCLUDING NOBLESVILLE); HANCOCK COUNTY (SOUTHERN AND WESTERN PART OF HANCOCK COUNTY, NORTH TO BUT NOT INCLUDING FORTVILLE); HENDRICKS, JOHNSON, MARION and MORGAN COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.00	19.56
Slip Form Shift Work.....	\$ 33.00	19.56
Swinging/Suspended Scaffold.	\$ 32.25	19.56

* PLAS0692-027 04/01/2023

AREA #566

CRAWFORD, DAVIESS, DUBOIS, GIBSON, HARRISON, KNOX, MARTIN,
PERRY, PIKE, POSEY, SPENCER, VANDERBURGH and WARRICK COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 29.00	19.71

PLUM0136-003 04/01/2023

BROWN, DAVIESS, DUBOIS, GIBSON, JACKSON, LAWRENCE, MARTIN,
MONROE, ORANGE, OWEN, PERRY, PIKE, POSEY, SPENCER, VANDERBURGH,
WARRICK, and WASHINGTON Counties

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 40.82	20.92

PLUM0157-002 07/01/2023

BENTON, CARROLL, CLINTON, FOUNTAIN, MONTGOMERY, TIPPECANOE,
WARREN AND WHITE COUNTIES:

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 40.95	21.65

PLUM0166-001 06/01/2023

ADAMS, ALLEN, BLACKFORD, DE KALB, GRANT, HUNTINGTON, NOBLE,
STEUBEN, WABASH, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 40.81	19.41

PLUM0166-002 06/01/2023

ELKHART, KOSCIUSKO, and LAGRANGE COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.81	19.41

PLUM0172-001 06/01/2023

JASPER (S of the N. Side of the City of Rensselaer), MARSHALL,
PULASKI and STARKE COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 39.69	22.71

* PLUM0210-003 09/01/2023

JASPER (to the City of Rensselaer) and NEWTON COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 46.42	26.61

PLUM0392-006 06/01/2023

DEARBORN, OHIO, RIPLEY, AND SWITZERLAND COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 38.62	28.39

PLUM0440-002 06/04/2023

BARTHOLOMEW, BOONE, HAMILTON, HANCOCK, HENDRICKS, HOWARD,
JOHNSON AND MARION COUNTIES; MIAMI COUNTY (SOUTH OF A STRAIGHT
LINE WHERE ROUTE 218 ENTERS W. BOUNDARY); MORGAN, SHELBY and
TIPTON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 43.00	18.89

PLUM0440-004 06/01/2018

FAYETTE, FRANKLIN, HENRY, RANDOLPH, RUSH, UNION and WAYNE
COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 37.67	16.79

PLUM0502-001 08/01/2016

CLARK, FLOYD AND HARRISON COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 32.00	20.13

PLUM0597-004 06/01/2018

JASPER (Excluding the city limits of Rensselaer), AND NEWTON
(Entire County)

	Rates	Fringes
PIPEFITTER.....	\$ 48.50	31.12

 ROOF0023-004 06/01/2021

ADAMS, ALLEN, DEKALB, ELKHART, FULTON, HUNTINGTON, KOSCIUSKO,
 LAGRANGE, MARSHALL, MIAMI, NOBLE, PULASKI, STARKE, STEUBEN,
 WABASH, WELLS, and WHITLEY COUNTIES

	Rates	Fringes
ROOFER		
COMPOSITION.....	\$ 30.50	19.03
SLATE & TILE.....	\$ 32.00	19.03

 ROOF0026-002 06/01/2023

JASPER AND NEWTON COUNTIES

	Rates	Fringes
ROOFER.....	\$ 42.50	25.76

 * ROOF0042-002 08/01/2023

DEARBORN, OHIO and RIPLEY COUNTIES

	Rates	Fringes
ROOFER.....	\$ 32.00	19.69

 ROOF0075-001 05/01/2023

FAYETTE, RANDOLPH, UNION, and WAYNE Counties

	Rates	Fringes
ROOFER		
Composition.....	\$ 25.63	20.81
Slate & Tile.....	\$ 27.25	20.81

 ROOF0075-002 05/01/2021

CLINTON COUNTY

	Rates	Fringes
ROOFER		
Composition.....	\$ 24.38	20.09
Slate & Tile.....	\$ 24.60	20.09

 ROOF0106-006 04/01/2021

CRAWFORD, DAVIESS, DUBOIS, GIBSON KNOX, MARTIN, ORANGE PERRY,
 PIKE, POSEY, SPENCER, VANDERBURGH AND WARRICK

	Rates	Fringes
ROOFER		
COMPOSITION.....	\$ 31.00	18.43
SLATE & TILE.....	\$ 30.80	16.52

* ROOF0119-002 09/01/2023

BARTHOLOMEW, BLACKFORD, BOONE, BROWN, DECATUR, DELAWARE, FRANKLIN, GRANT, HAMILTON, HANCOCK, HENDRICKS, HENRY, HOWARD, JACKSON, JAY, JENNINGS, JOHNSON, LAWRENCE, MADISON, MARION, MONROE, MONTGOMERY, MORGAN, PUTNAM, RUSH, SHELBY, and TIPTON Counties

	Rates	Fringes
ROOFER.....	\$ 30.00	12.84

ROOF0147-002 04/01/2018

CLARK, FLOYD, HARRISON JEFFERSON, SCOTT, SWITZERLAND, and WASHINGTON Counties

	Rates	Fringes
ROOFER.....	\$ 24.43	10.20

ROOF0150-002 07/01/2022

CLAY, GREENE, OWEN, PARKE, SULLIVAN, VERMILLION AND VIGO COUNTIES

	Rates	Fringes
ROOFER.....	\$ 28.75	17.55

SHEE0020-003 07/01/2022

	Rates	Fringes
Sheet metal worker (HVAC Duct Work).....	\$ 33.58	26.25

SHEE0020-010 07/01/2022

BARTHOLOMEW, BOONE, BROWN, DECATUR, DELAWARE, FAYETTE, FRANKLIN, HAMILTON, HANCOCK, HENDRICKS, HENRY, JACKSON, JENNINGS, JOHNSON, LAWRENCE, MADISON, MARION, MONROE, MONTGOMERY, MORGAN, ORANGE, RIPLEY, RUSH, SHELBY, TIPTON, UNION AND WASHINGTON COUNTIES

	Rates	Fringes
SHEET METAL WORKER.....	\$ 38.83	25.27

SHEE0020-011 07/01/2022

CLINTON COUNTY

	Rates	Fringes
SHEET METAL WORKER.....	\$ 36.71	27.78

SHEE0020-024 07/01/2022

CLAY, GREENE, MARTIN, OWEN, PARKE, PUTNAM, SULLIVAN,
VERMILLION, and VIGO COUNTIES

	Rates	Fringes
Sheet metal worker.....	\$ 38.08	22.79

TEAM0135-003 04/01/2023		

REMAINING COUNTIES

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 33.02	18.98
GROUP 2.....	\$ 33.07	18.98
GROUP 3.....	\$ 33.12	18.98
GROUP 4.....	\$ 33.17	18.98
GROUP 5.....	\$ 33.22	18.98
GROUP 6.....	\$ 33.27	18.98
GROUP 7.....	\$ 33.32	18.98
GROUP 8.....	\$ 33.37	18.98
GROUP 9.....	\$ 33.42	18.98
GROUP10.....	\$ 32.87	18.98
GROUP11.....	\$ 33.42	18.98
GROUP12.....	\$ 33.52	18.98

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Single/batches axle straight trucks; Batch trucks, wet or dry 3 (34E) axle or less; Single axle Grease and maintenance truck

GROUP 2: Single axle fuel and water trucks

GROUP 3: Single axle "dog-legs", and tandem truck or dog-legs; Winch trucks or A-frames when used for transportation purposes; Drivers on batch trucks, wet or dry over 3 (34E) batches and tandem axle grease and maintenance truck

GROUP 4: Tandem axle fuel trucks; tandem axle water trucks; butuminous distributors (two-man)

GROUP 5: Tandem trucks over 15 tons payload; Single axle semi trucks; Farm tractors hauling material; Mixer trucks (all types); Trucks pulling tilt-top trailer single axle; Single axle low- boys; Truck-mounted pavement breakers

GROUP 6: Tandem trucks or "dog-legs"; Semi-water Truck; Sprinkler Truck; Heavy equipment-type water wagons, 5,000 gallons and under; butuminous distributors (one-man)

GROUP 7: Tri-axle trucks; Tandem axle semi trucks; Equipment when not self-loaded or pusher loaded, such as Koehring or similar dumpsters, track trucks, Euclid bottom dump and hug bottom dump, tournatrailers, tournarockers, Acey wagons or for similar equipment (12 cu yds or less); Mobile mixer truck; Tandem Axle trucks pulling tilt-top trailer; Tandem - Axle lowboy; Tri- Axle batch Truck; Tri-Axle grease and maintenance truck

GROUP 8: Tandem-tandem semi trucks; Truck mechanics and welders; Heavy equipment-type water wagon over 5,000 gallons; Tri-Axle Trucks pulling tilt-top trailer; Low-boys, tandem-tandem axle

GROUP 9: Low-boys, tandem tri-axle; Acey wagons up to and including 3 buckets; Equipment when not self-loaded or pusher loaded, such as koehring or similar dumpsters, Track Trucks, Euclid bottom dump and hug bottom dump, Tournatrailers, Tournarockers, Acey wagons or for similar equipment (over 12 cu yds.)

GROUP 10: Pick-up trucks

GROUP 11: Helpers; Greasers; Tire men; Batch board tenders; Warehouseman

GROUP 12: Acey wagon (over 3 buckets); Quad Axle Trucks; Articulating Dump

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local),

a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====
END OF GENERAL DECISIO"

ATTACHMENT #2

CONSTRUCTION PLANS FOR: WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM WHEATLAND, KNOX COUNTY, INDIANA



CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM
 WHEATLAND, IN 47597

SHEET INDEX :	
SHEET #	SHEET NAME
G001	TITLE SHEET
G002	GENERAL NOTES
C100	INDEX SHEET
C101 - C169	SANITARY SEWER PLAN AND PROFILE
C170	OVERALL LPS PLAN
C181	RR CROSSING PLAN VIEW
C182	RR CROSSING PROFILE VIEW
C400	SEWER LATERAL SCHEDULE
C501 - C503	STANDARD DETAILS
C701 - C709	EROSION CONTROL PLAN
C710	EROSION CONTROL DETAILS
C711	STORMWATER POLLUTION PREVENTION PLAN
E101, E102	ELECTRICAL DETAILS

PLANS PREPARED FOR:

TOWN OF WHEATLAND
 121 IN-550
 WHEATLAND, INDIANA 47597
 TELEPHONE: (812) 321-2340
 CONTACT PERSON: BRETT DAWSON,
 TOWN COUNCIL PRESIDENT
 BDAWSON@TOWNOFWHEATLAND.IN



SITE LOCATION
KNOX COUNTY

SITE VICINITY MAP

NOT TO SCALE

OPERATING AUTHORITIES

ELECTRIC
 DUKE ENERGY
 1000 E. MAIN ST.
 PLAINFIELD, IN 46168
 (800) 521-2232
 CONTACT: CINDY ROWLAND

COMMUNICATIONS
 FRONTIER COMMUNICATIONS
 3401 US-41
 TERRE HAUTE, IN 47802
 (812) 235-3520
 CONTACT: JOE SARLL

ELECTRIC
 WIN ENERGY REMC
 3981 US-41
 VINCENNES, IN 47591
 (800) 882-5140
 CONTACT: GREGORY WOLVEN

COMMUNICATIONS
 SPARKLIGHT
 102 N. 5TH STREET
 VINCENNES, IN 47591
 (844) 546-3278
 CONTACT: MORGAN FOSTER

NATURAL GAS
 CENTERPOINT ENERGY
 1 VECTREN SQUARE
 EVANSVILLE, IN 47708
 (800) 227-1376
 CONTACT: N/A

COMMUNICATIONS
 NEW WAVE COMMUNICATIONS
 102 NORTH FIFTH STREET
 VINCENNES, IN 47591
 (812) 895-7676
 CONTACT: DAVID McCALL

NATURAL GAS
 MIDWESTERN GAS TRANSMISSION
 1275 N C.R. 550 E
 WINSLOW, IN 47598
 (812) 354-6620
 CONTACT: BRIAN DOBBS

SEWER & WATER
 WHEATLAND WATER DEPARTMENT
 121 IN-550
 WHEATLAND, IN 47597
 (812) 321-2340
 CONTACT: ERIKA GOBLE (WATER OFFICE)



SITE LOCATION
WHEATLAND

SITE LOCATION MAP

NOT TO SCALE

REVISIONS :		
REVISION #	REVISION DESCRIPTION	DATE
1	ADDENDUM NO. 1	09/12/2023
2	ADDENDUM NO. 2	09/27/2023

FLOOD NOTE:
 THE ACCURACY OF ANY FLOOD HAZARD DATA SHOWN ON THESE PLANS IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP. THE WITHIN DESCRIBED TRACT OF LAND LIES OUTSIDE OF A FLOOD HAZARD ZONE AS SAID TRACT PLOTS BY SCALE ON COMMUNITY PANEL NUMBER 1804220175C DATED 02/15/1985 FOR THE FLOOD INSURANCE RATE MAPS FOR KNOX COUNTY, INDIANA.

DISCLAIMER:
 CONTRACTOR TO FIELD VERIFY LOCATION AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND CONTACT ENGINEER AND OWNER IF DISCREPANCIES OCCUR.



CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW IC8-1-26,
 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT
 NOTIFYING THE UNDERGROUND LOCATION SERVICE
 TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BENCH MARK:
 1000 B.M. "GEODETIC"
 STAMPED: US COAST GEODETIC SURVEY BM G314 1965
 NORTHING 1244387.030
 EASTING 2886880.520
 ELEV. = 486.18'

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aron Crow

TITLE SHEET

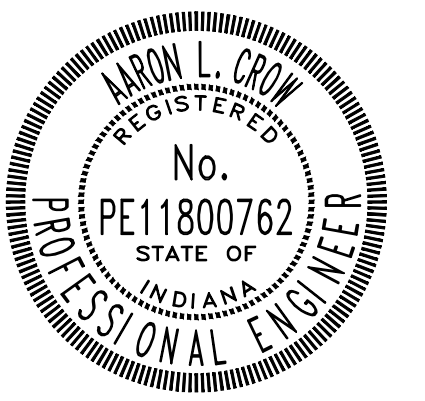
G001

PRINT DATE: 9/27/23 11:00 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1\WHEATLAND WASTEWATER DESIGNS\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\G001.TITLE SHEET.DWG PLOT SCALE: 1:186.91

CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM
WHEATLAND, IN 47597

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

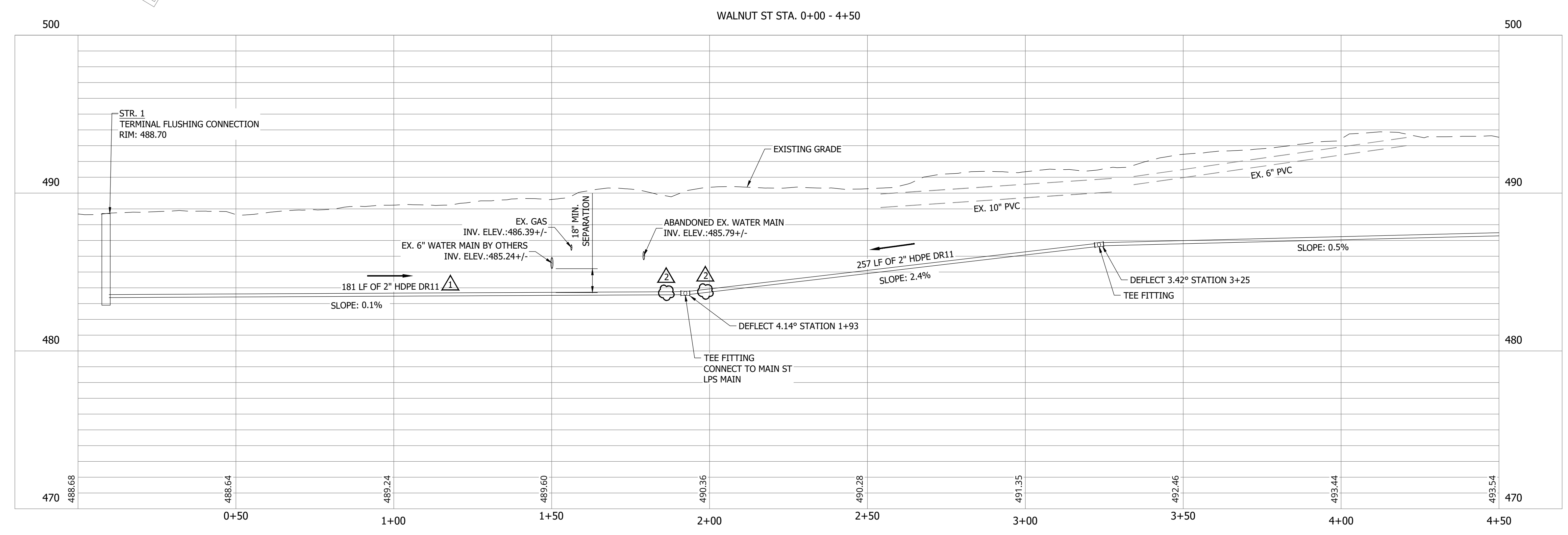
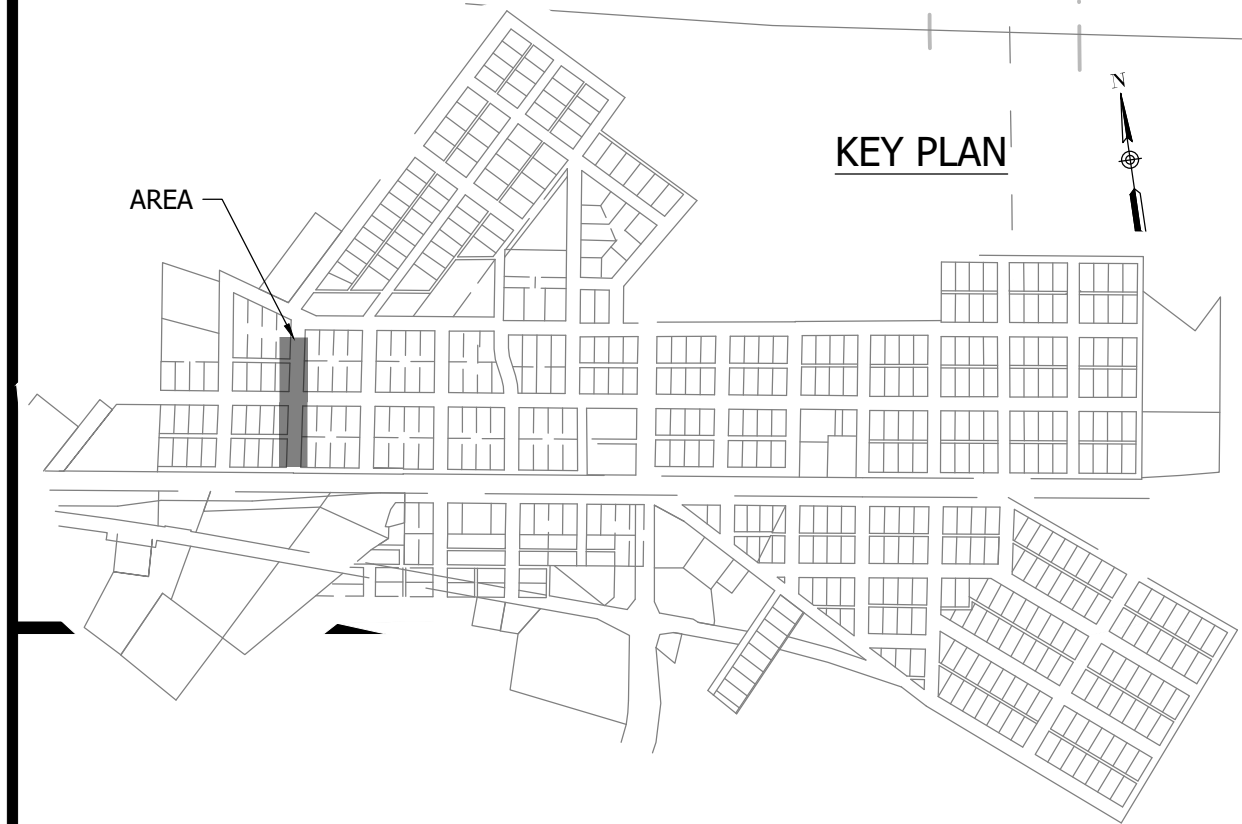
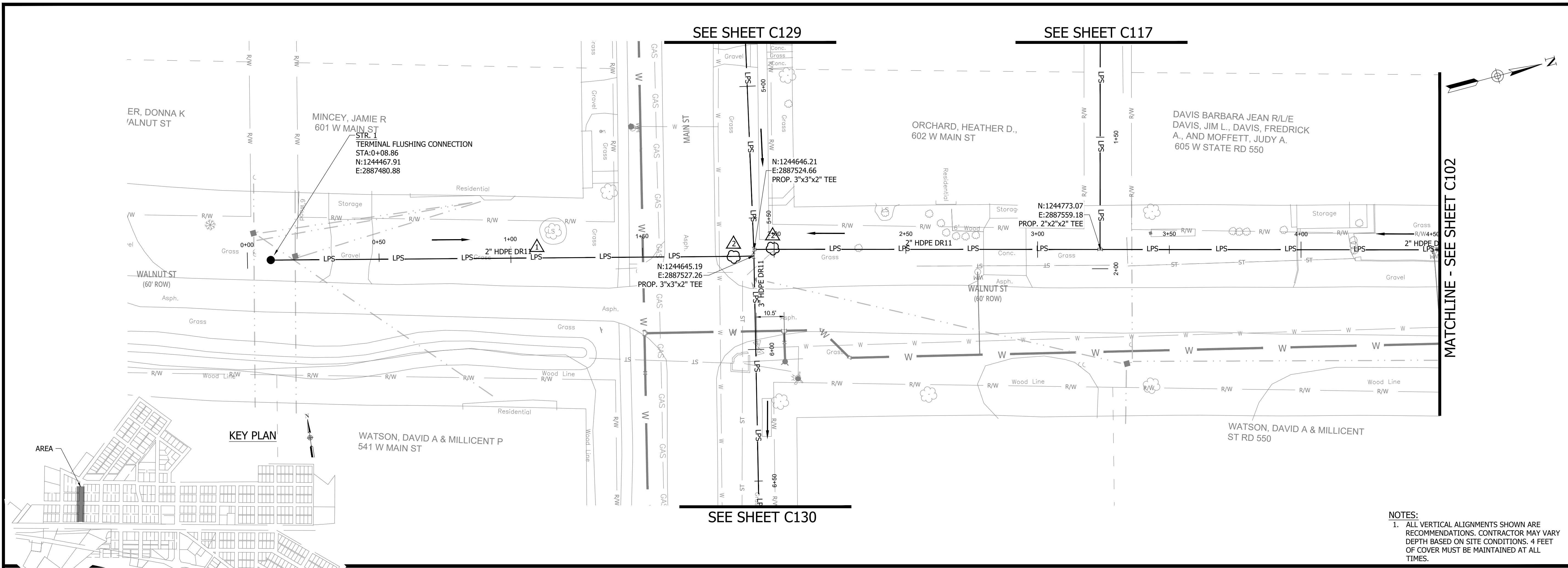


Aaron Crow



SANITARY SEWER
PLAN AND PROFILE

C101



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

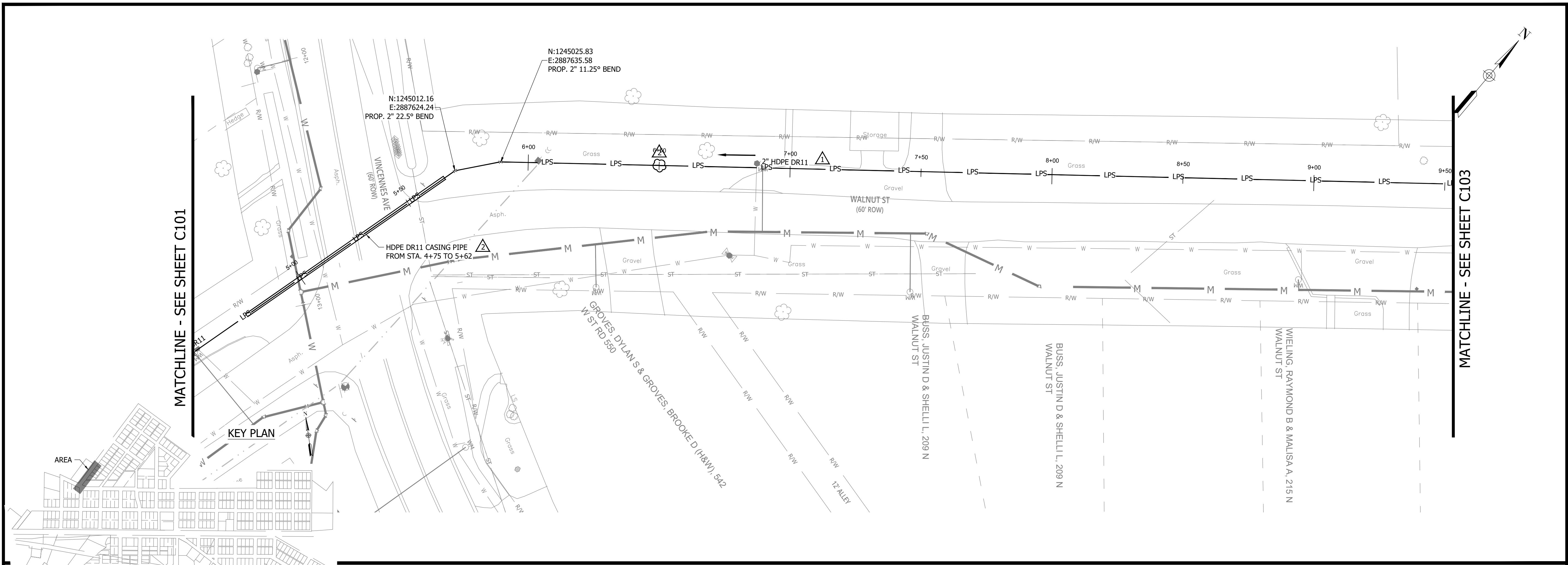
PRINT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C101 SANITARY SEWER PLAN AND PROFILES.DWG PLOT SCALE: 1:1

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

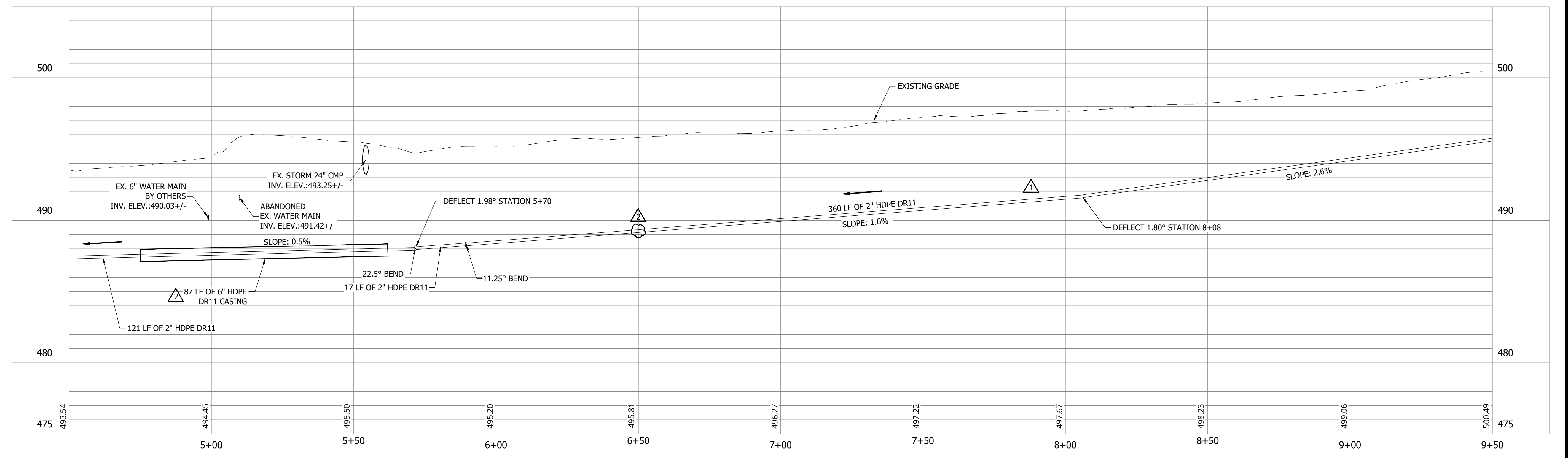
WHEATLAND, IN 47597

PRINT DATE: 9/27/23
PLOT SCALE: 1:1
EDIT DATE: 9/27/23 - 11:03 AM
EDITED BY: RHUNT
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C101 SANITARY SEWER PLAN AND PROFILES.DWG



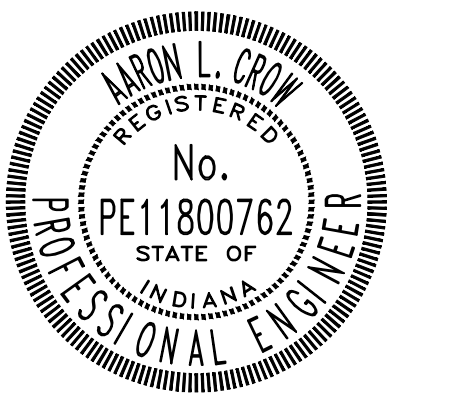
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

WALNUT ST STA. 4+50 - 7+90



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



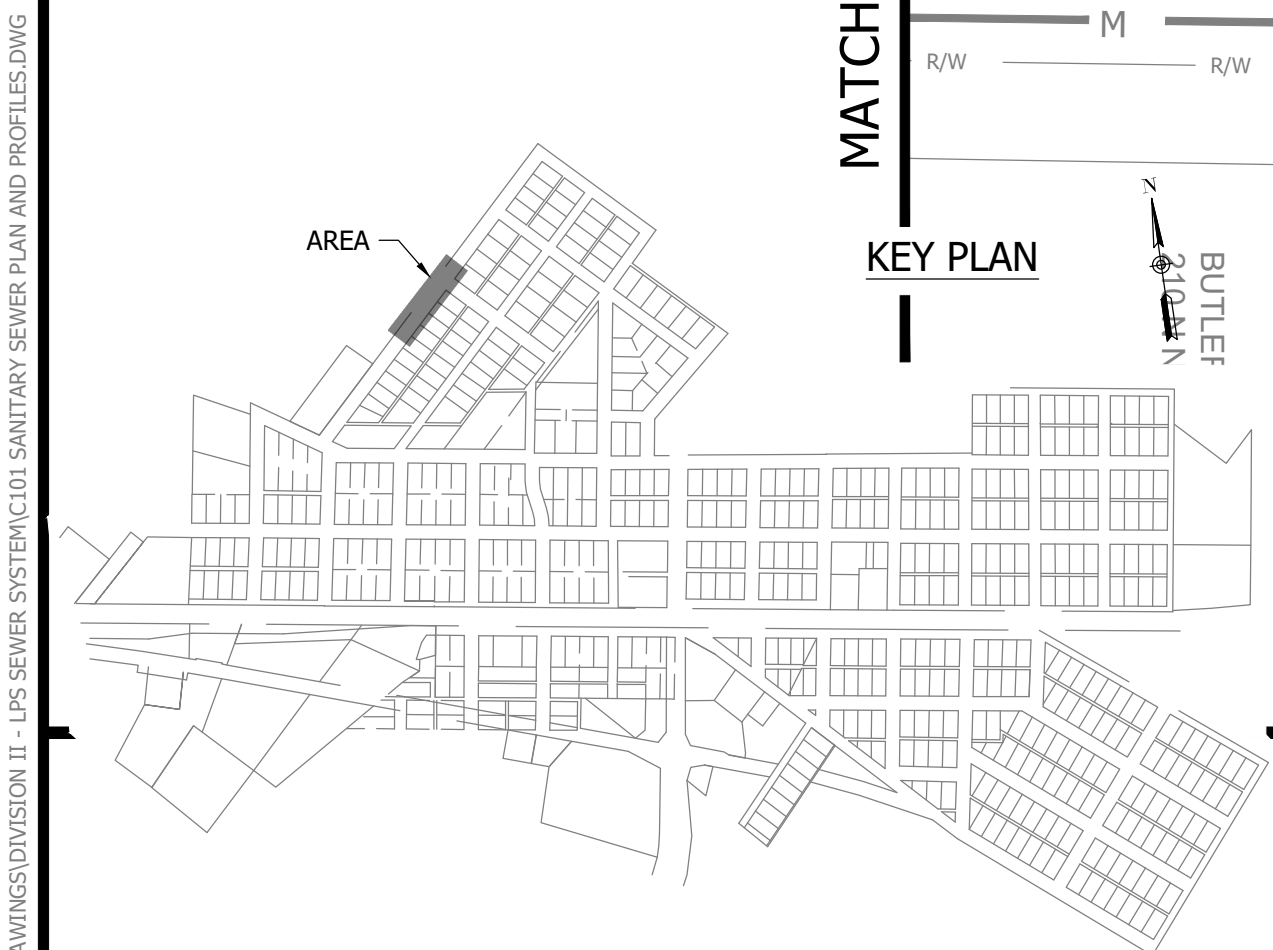
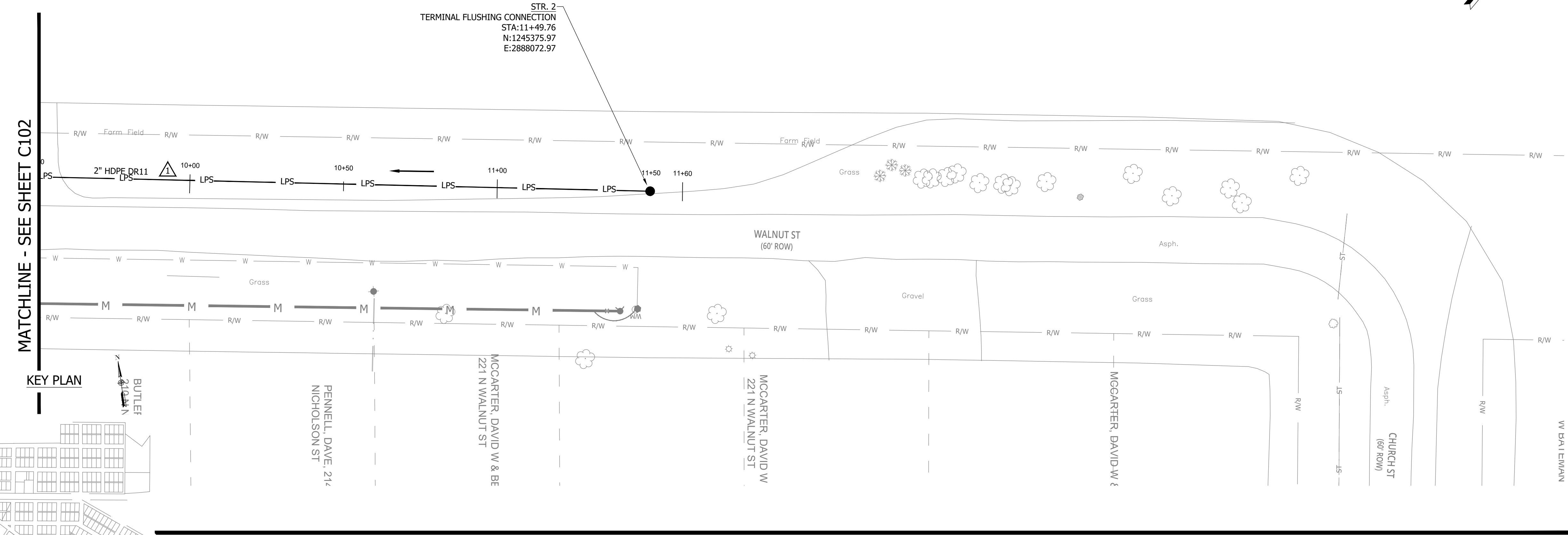
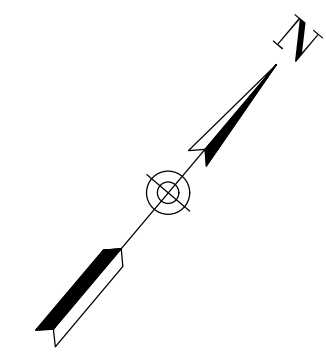
**SANITARY SEWER
PLAN AND PROFILE**

C102

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

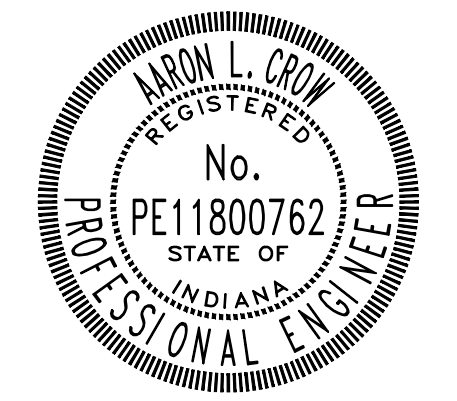
WHEATLAND, IN 47597



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



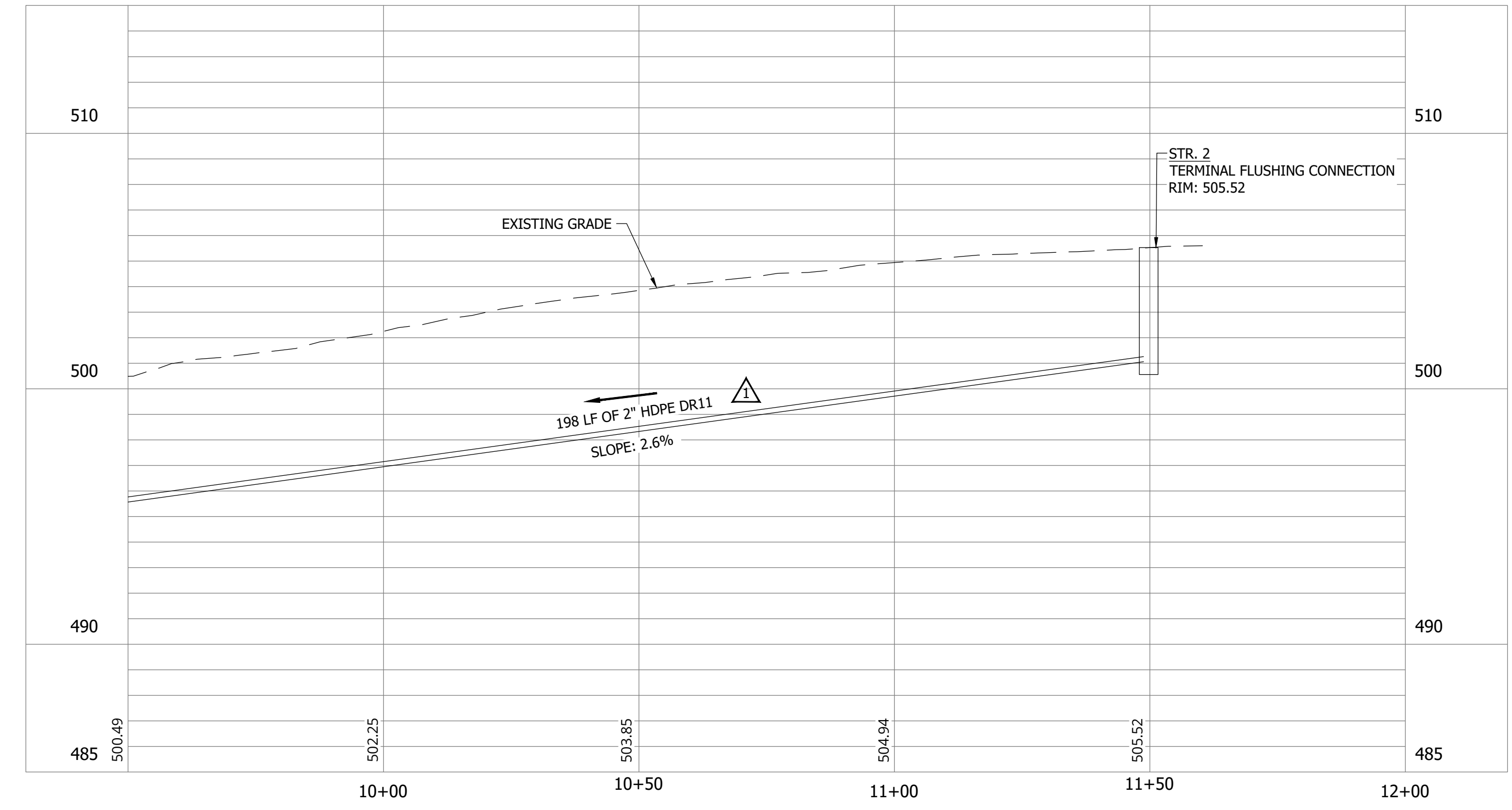
Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C103

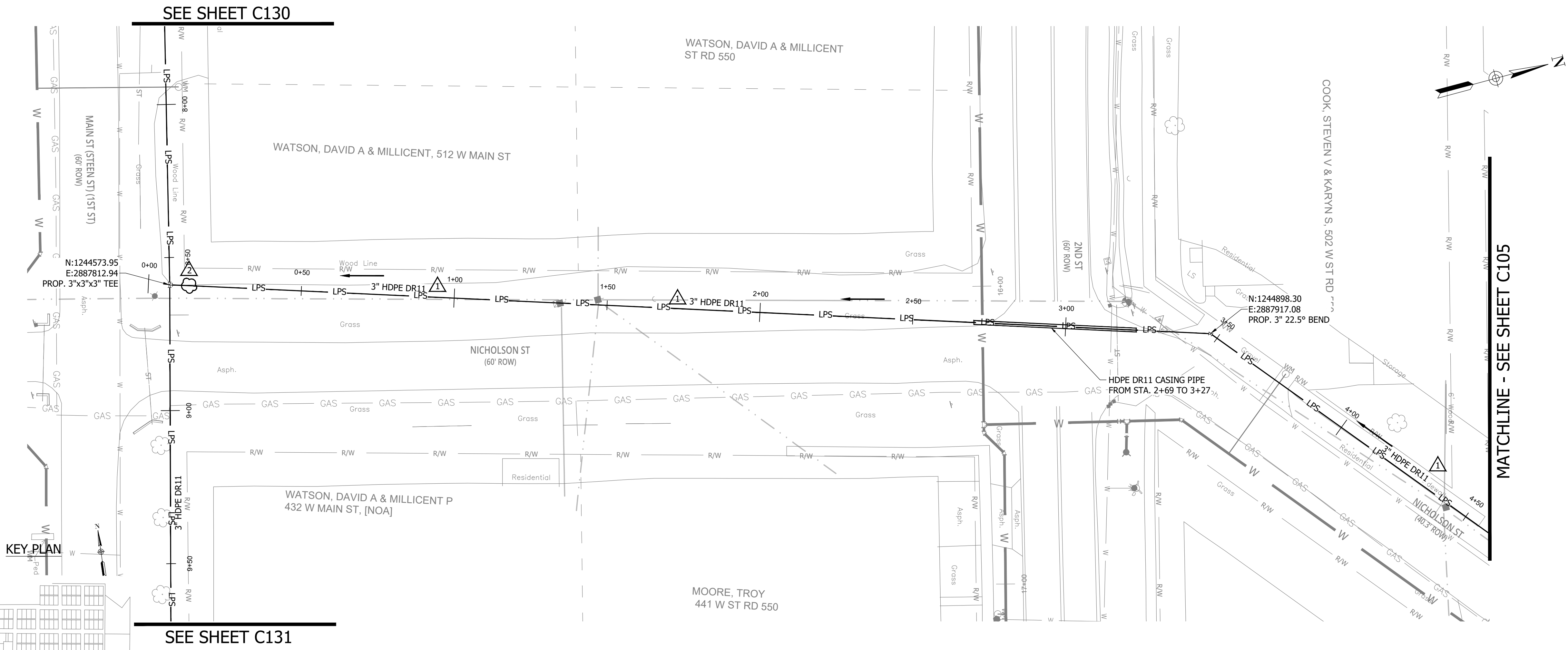
WALNUT ST STA. 9+50 - 14+50



PRINT DATE: 9/27/23
PLOT SCALE: 1:1
EDIT DATE: 9/27/23 - 11:03 AM
EDITED BY: RLH
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C101 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM

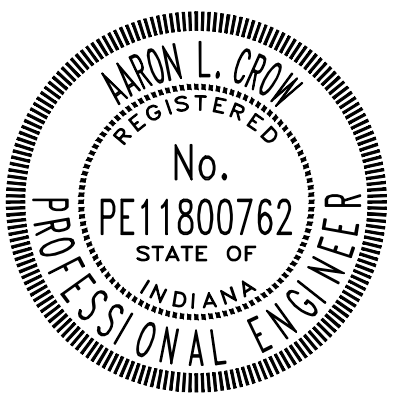
WHEATLAND, IN 47597



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

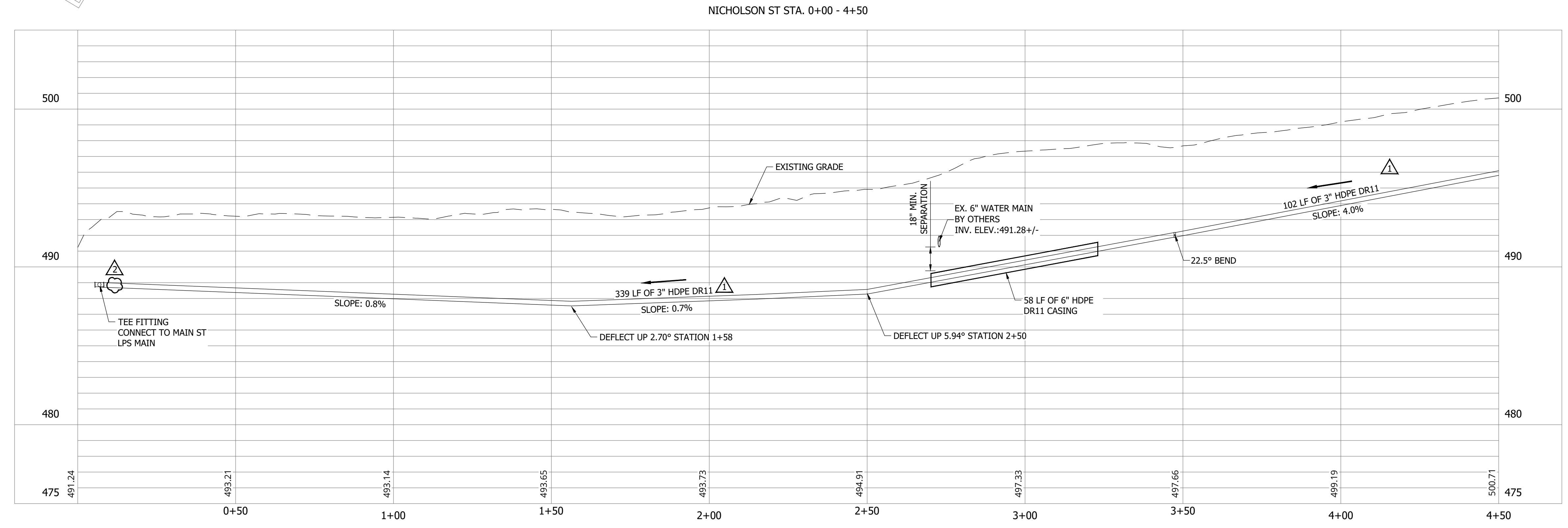


Aaron Crow



SANITARY SEWER
PLAN AND PROFILE

C104

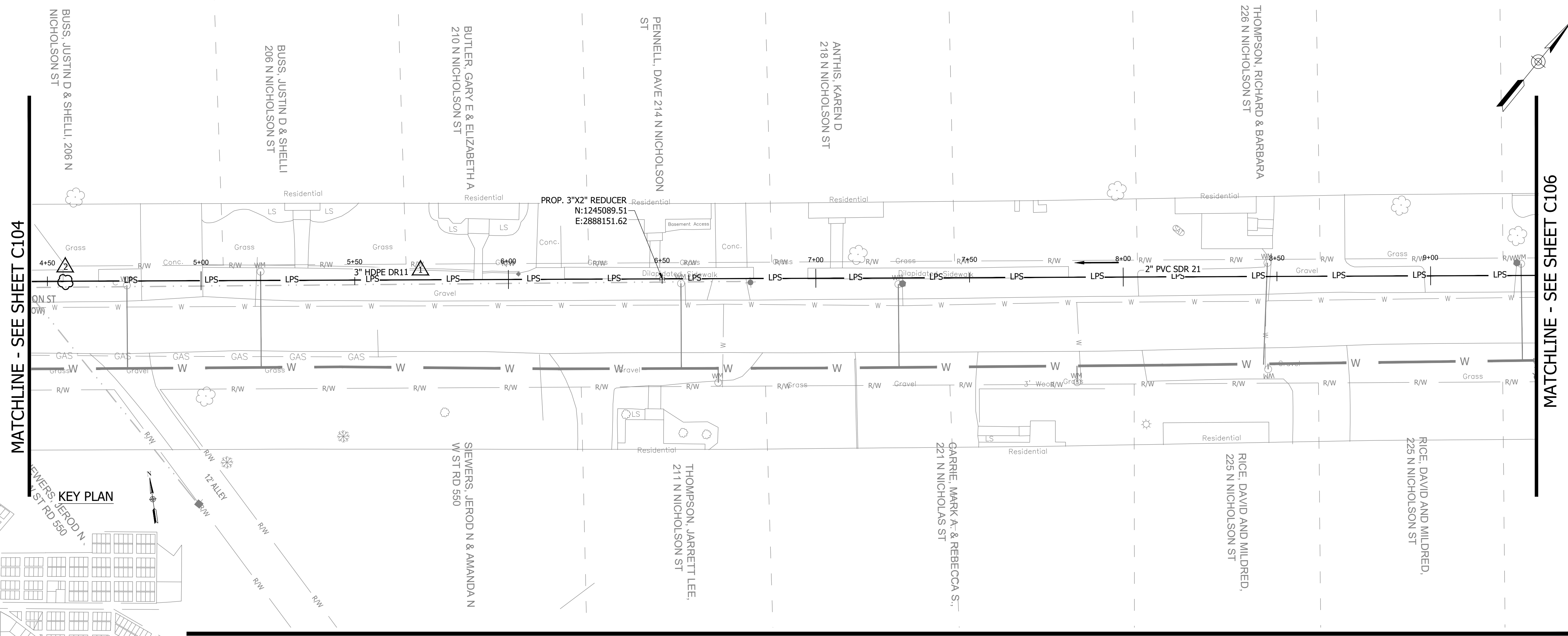


PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 - 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\DIVISION II - LPS SEWER SYSTEM\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

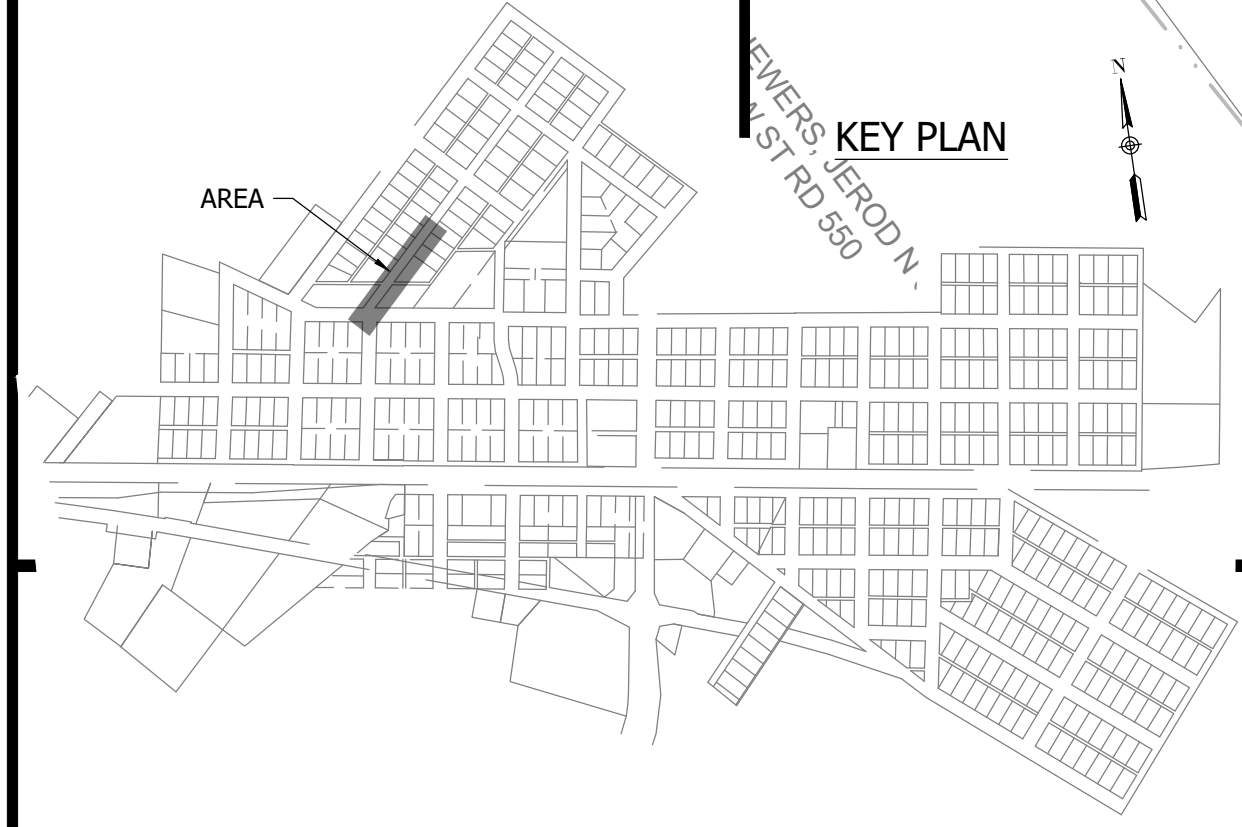
WHEATLAND, IN 47597



MATCHLINE - SEE SHEET C104

MATCHLINE - SEE SHEET C106

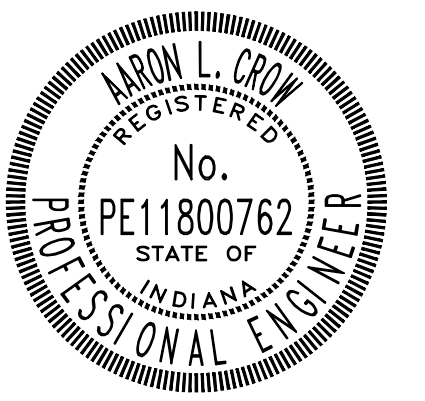
KEY PLAN



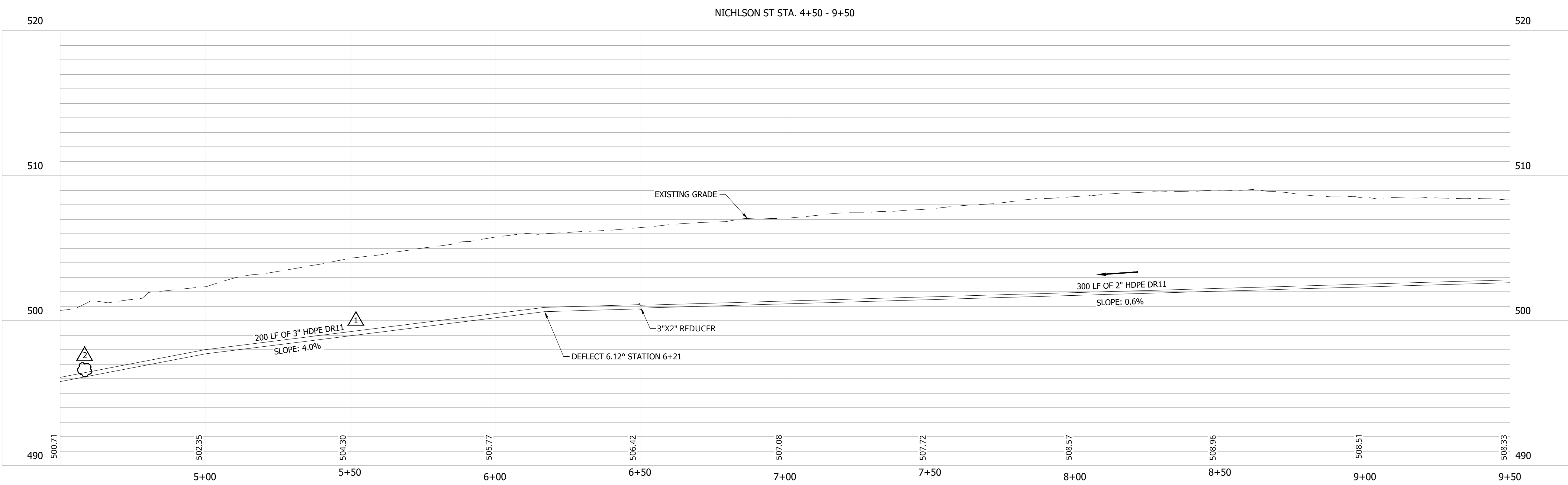
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



PRINT DATE: 9/27/23
PLOT SCALE: 1:1
EDIT DATE: 9/27/23 - 11:03 AM
EDITED BY: RHUNT
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C105 SANITARY SEWER PLAN AND PROFILES.DWG

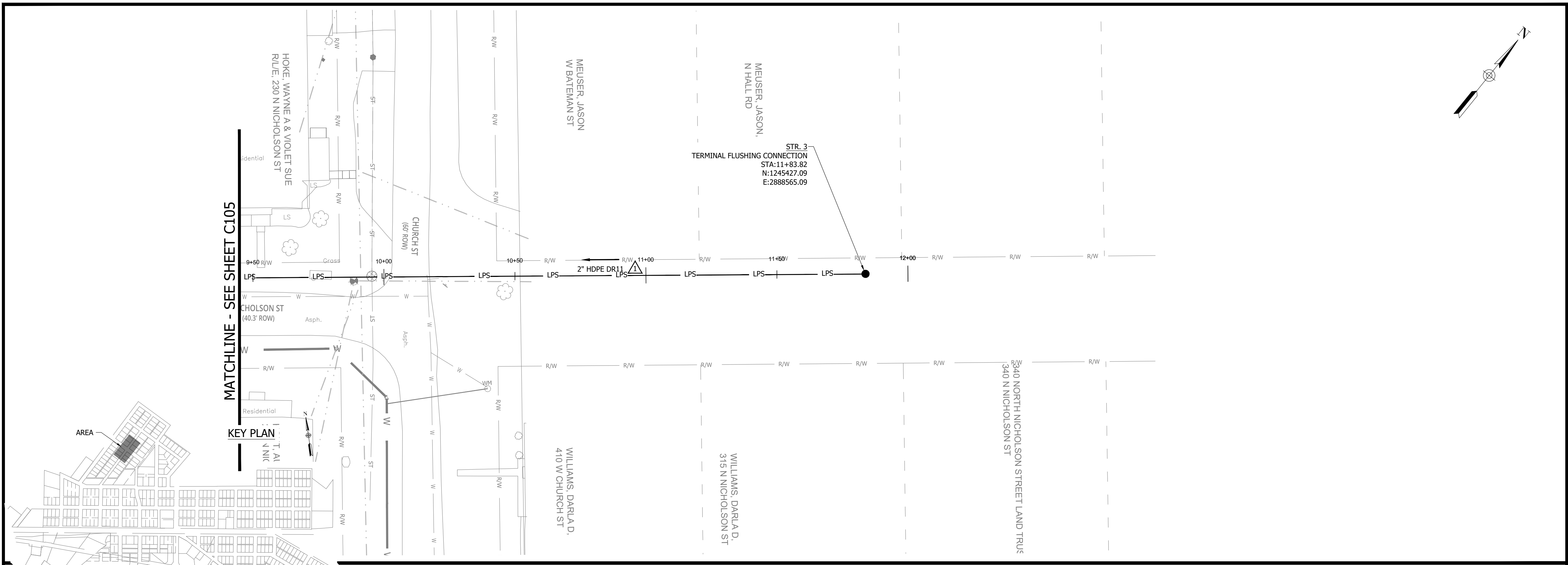
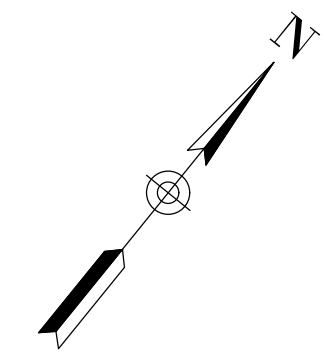
**SANITARY SEWER
PLAN AND PROFILE**

C105

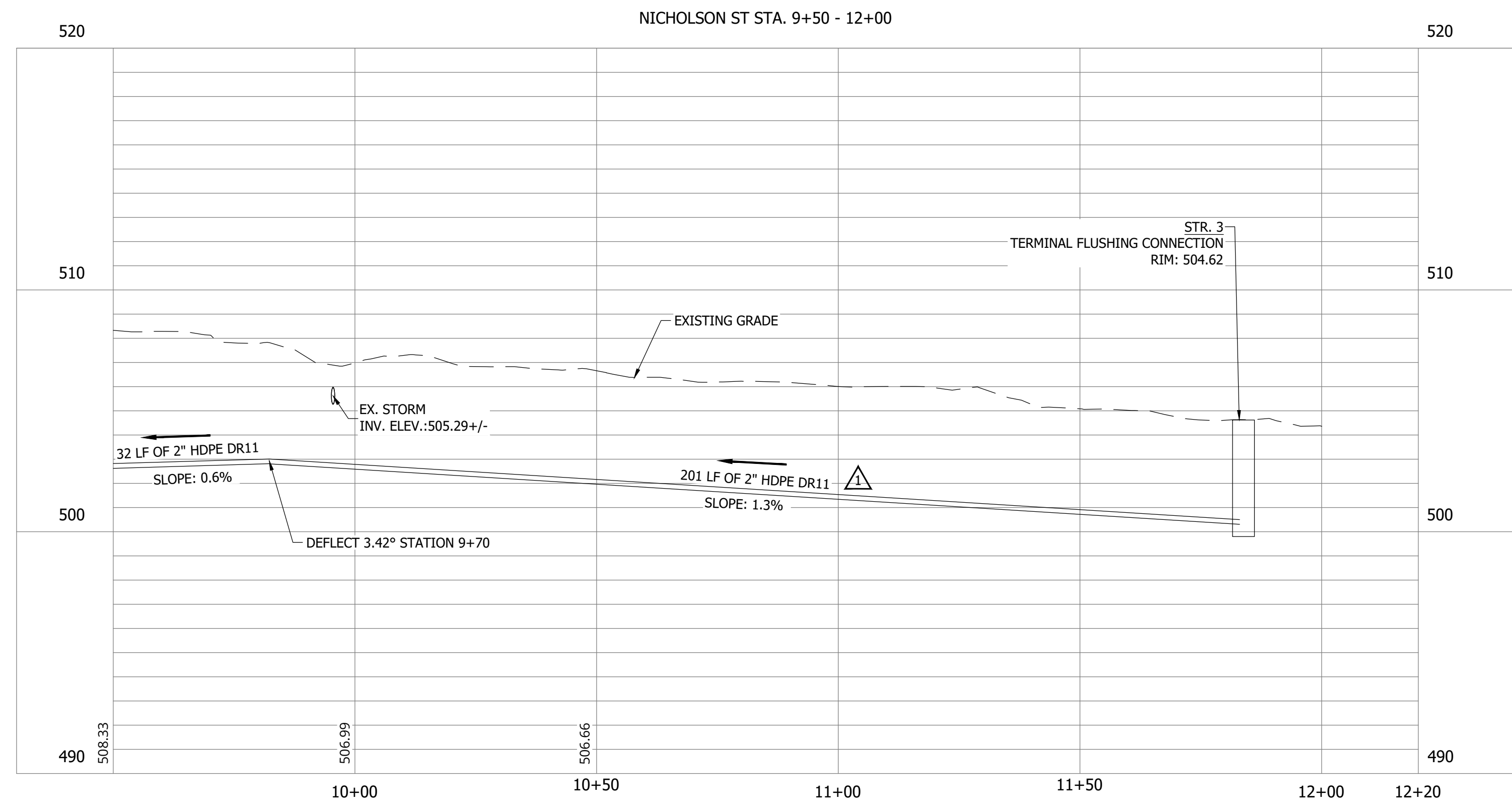
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

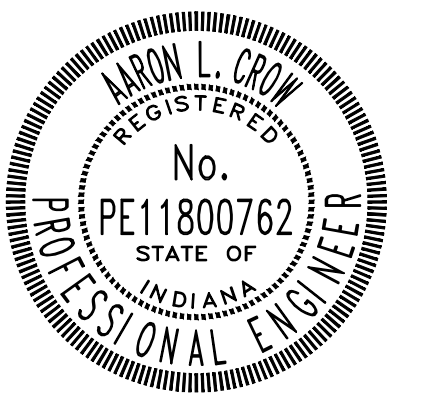


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

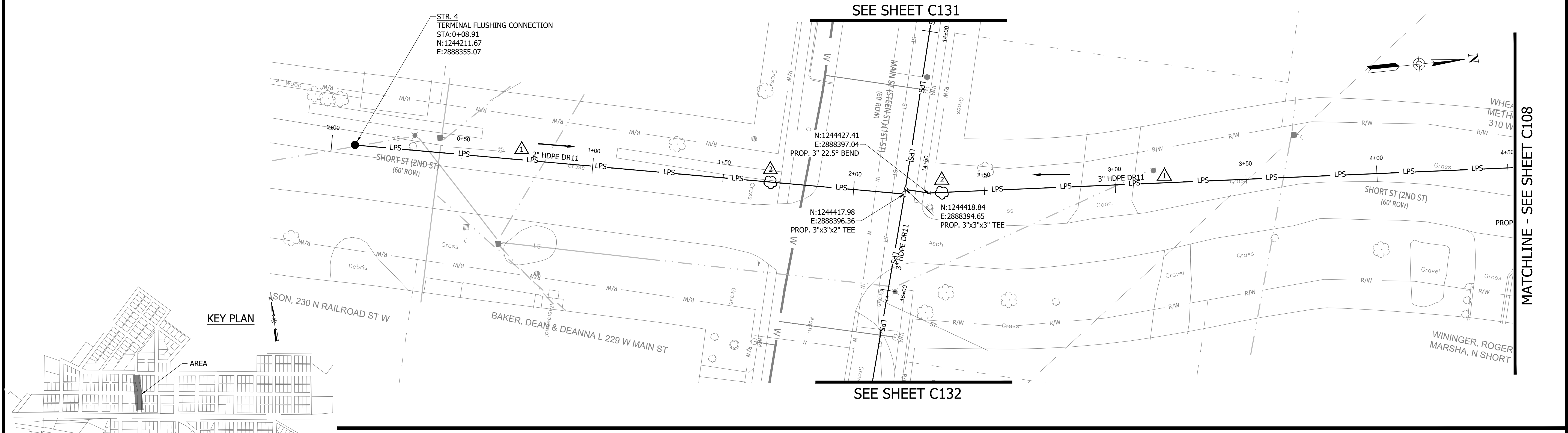
C106

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

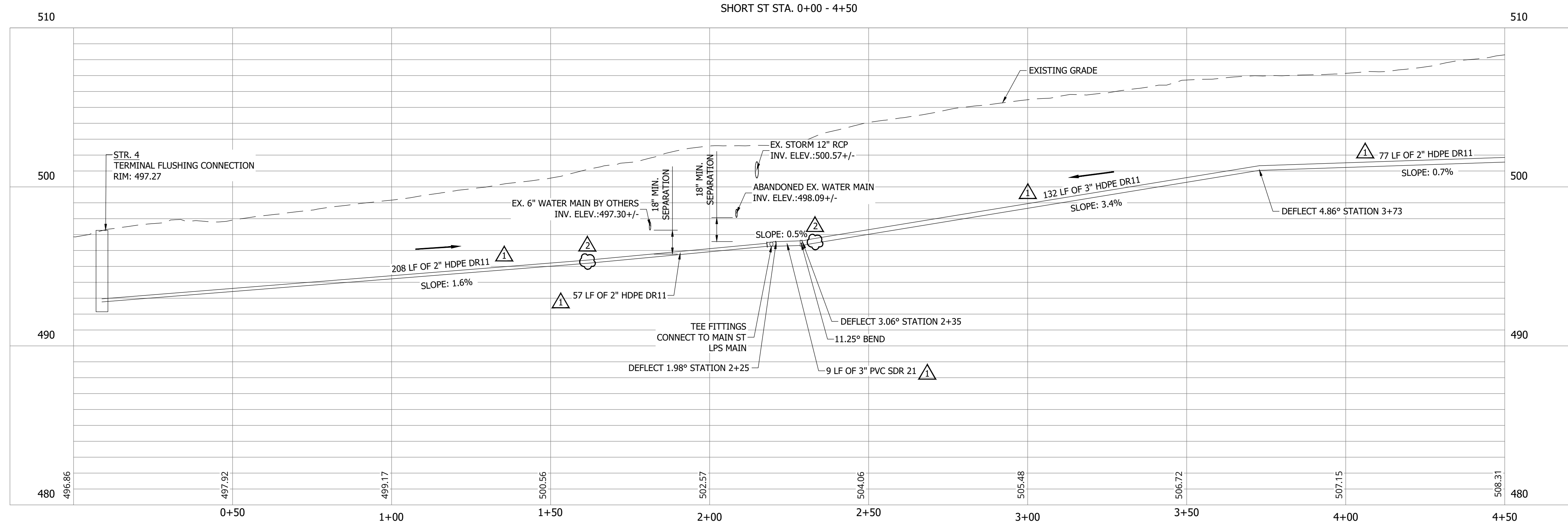
WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C101 SANITARY SEWER PLAN AND PROFILES.DWG



NOTES:

1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

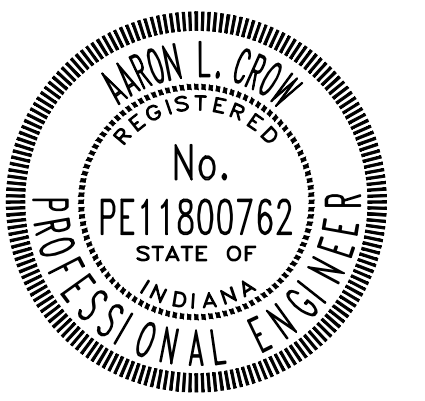
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



Aaron Crow



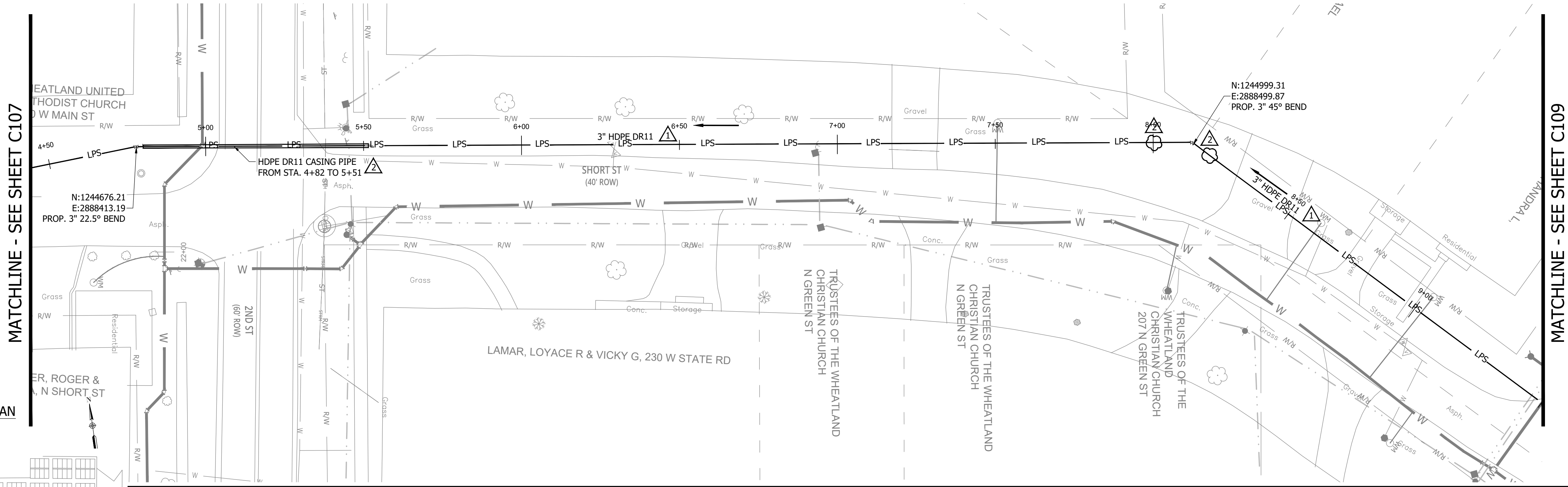
**SANITARY SEWER
PLAN AND PROFILE**

C107

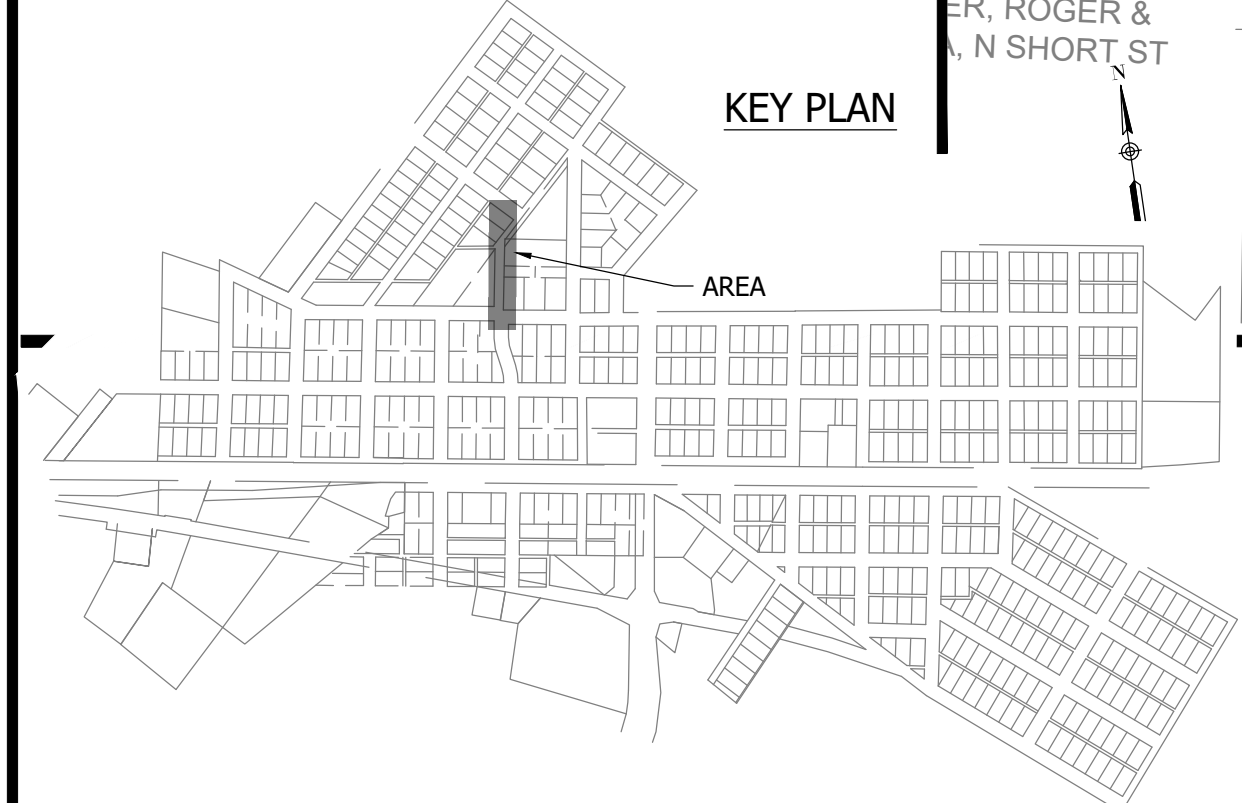
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

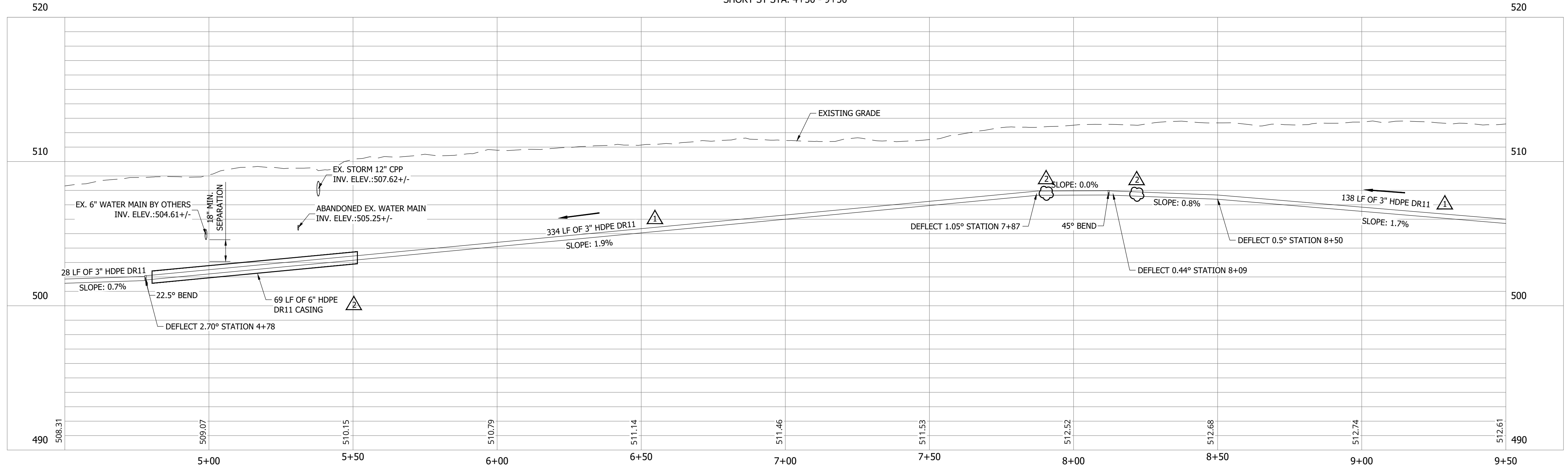


KEY PLAN



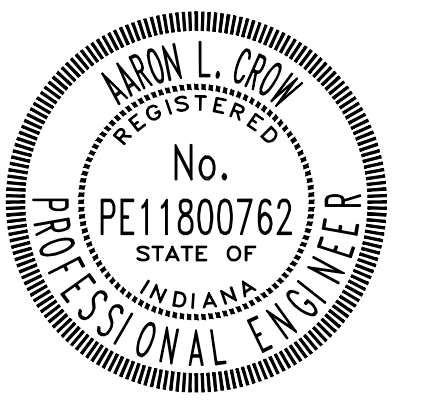
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

SHORT ST STA. 4+50 - 9+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C108

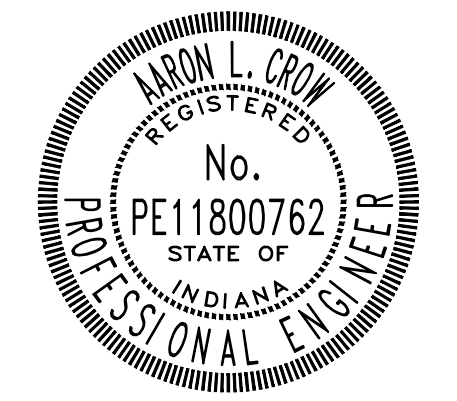
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

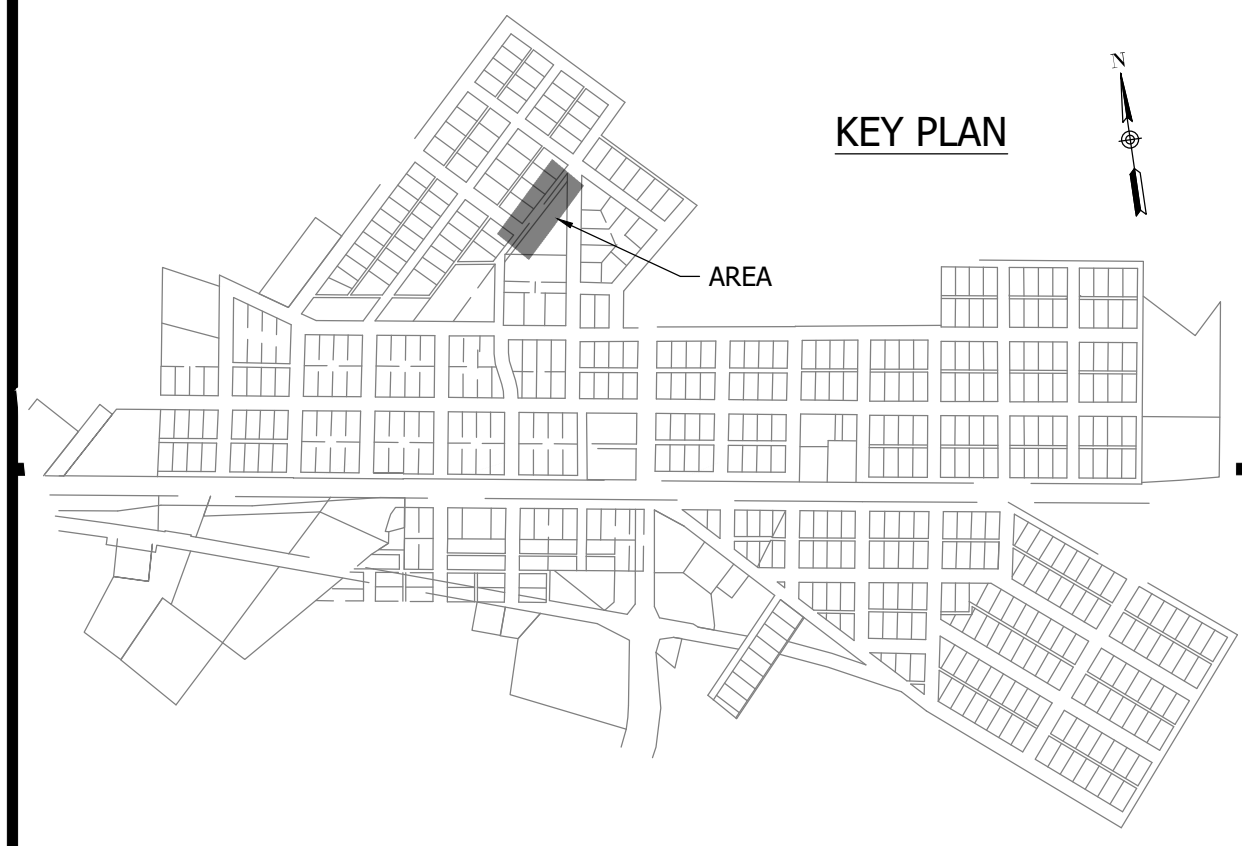
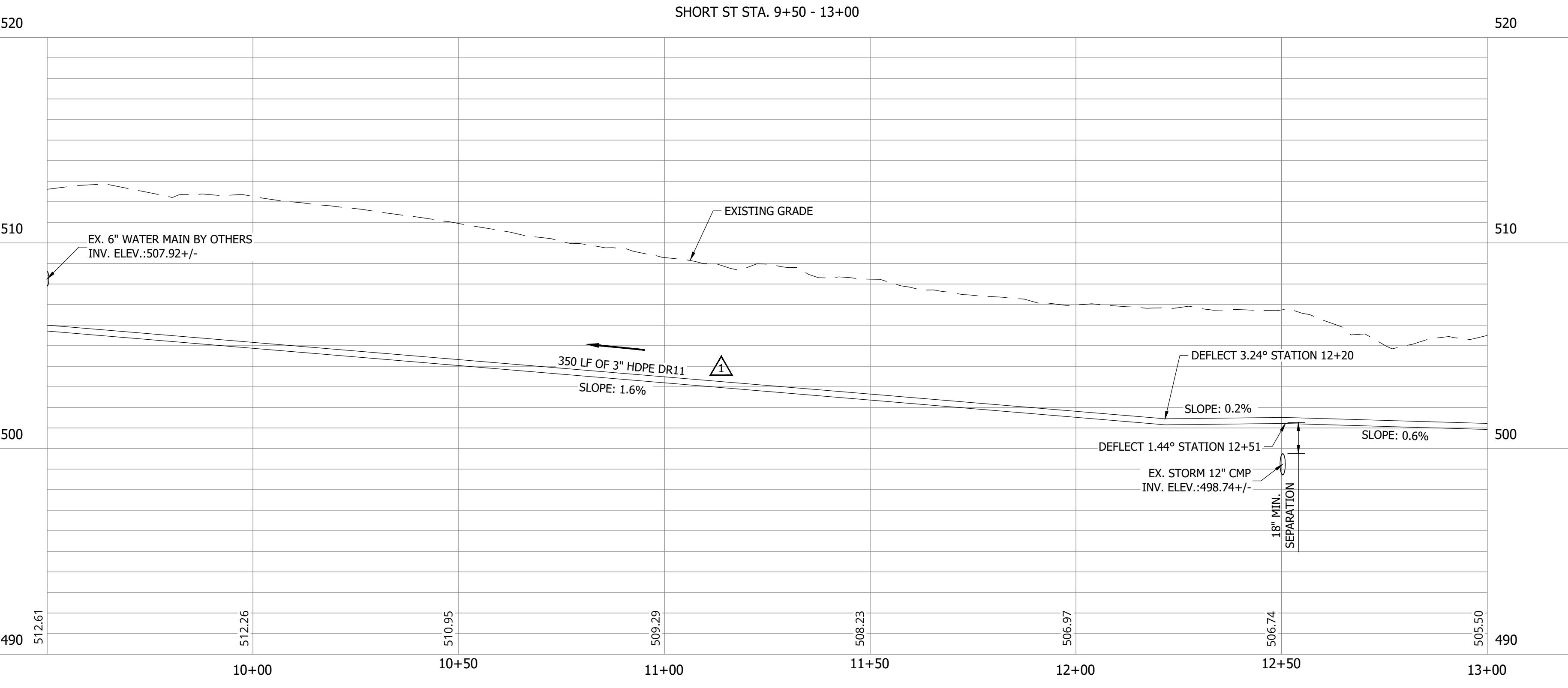
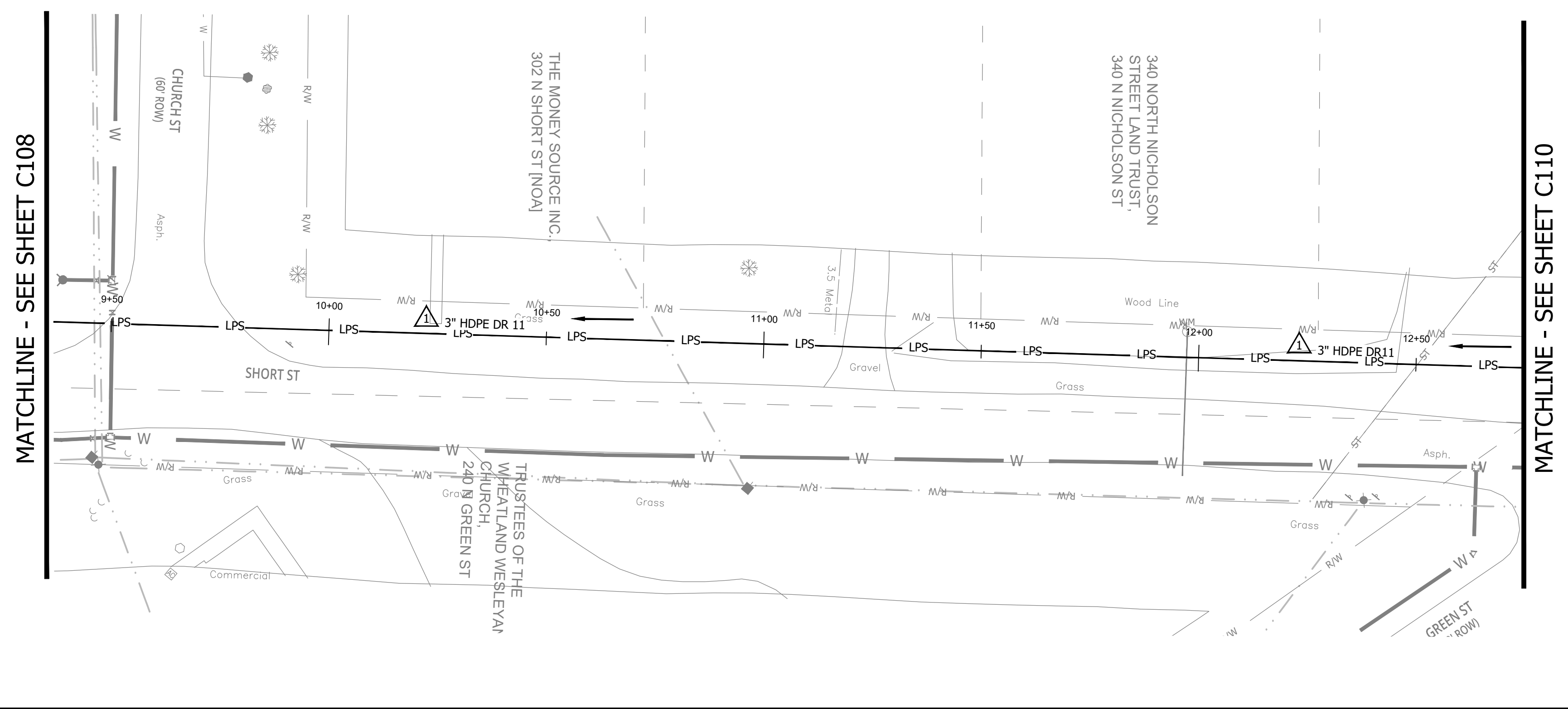
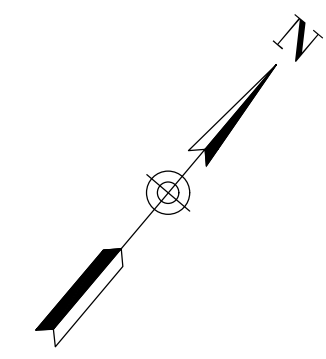


Aaron Crow



SANITARY SEWER
PLAN AND PROFILE

C109



PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C101 SANITARY SEWER PLAN AND PROFILES.DWG

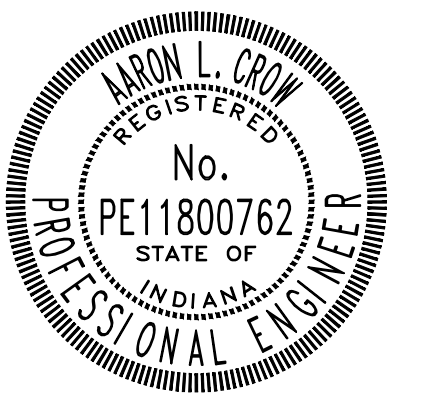
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

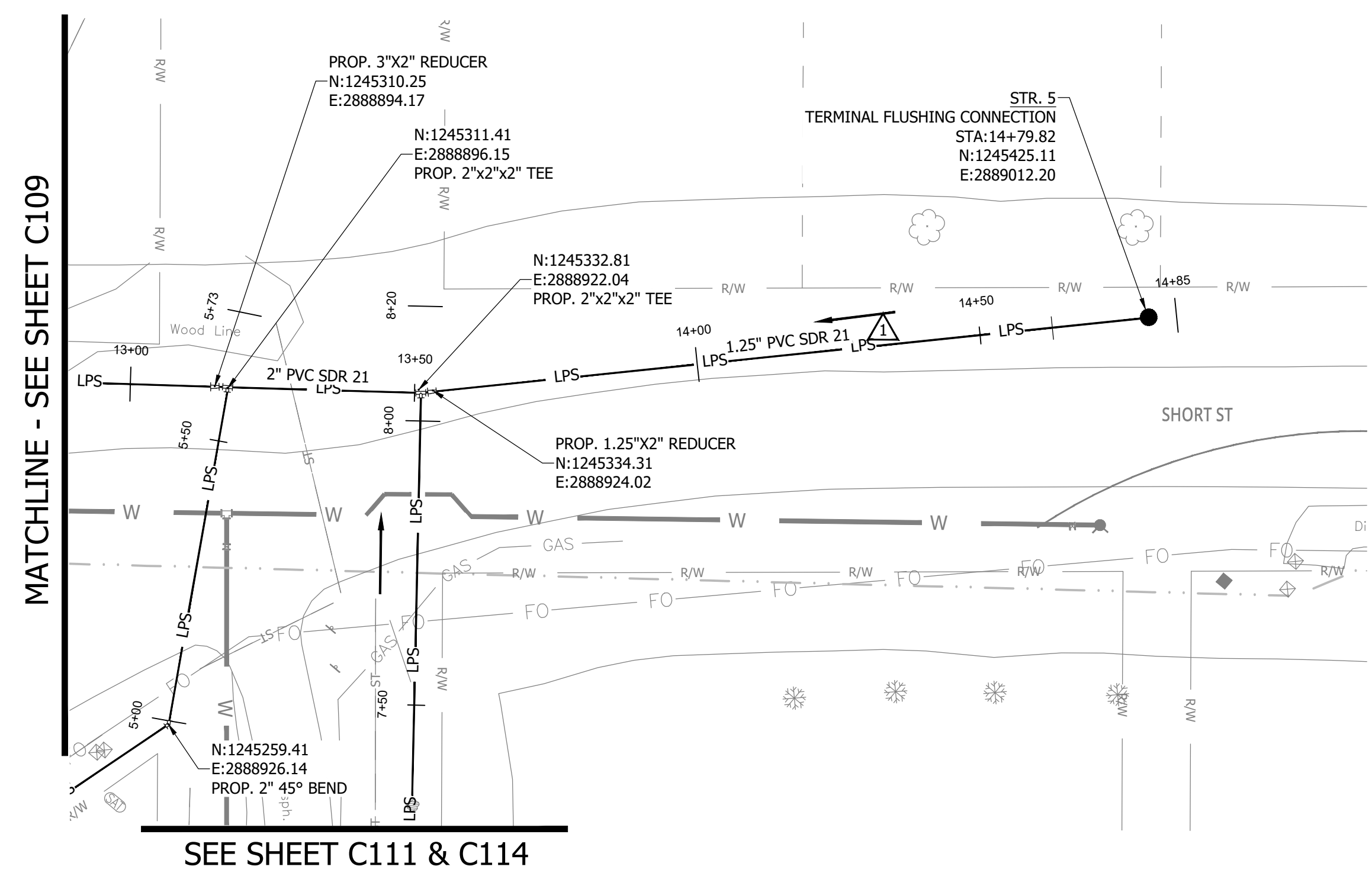
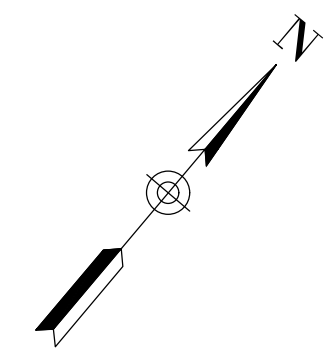


Aaron Crow

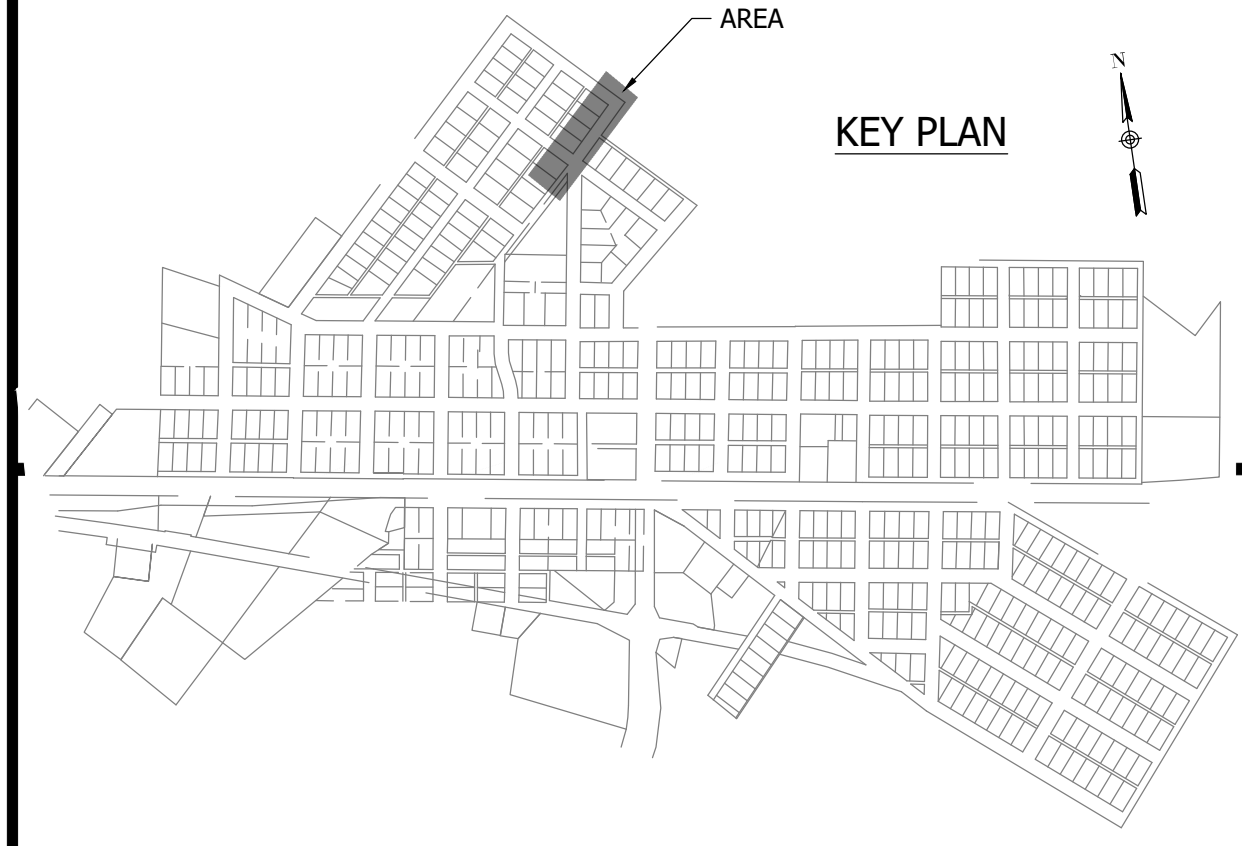
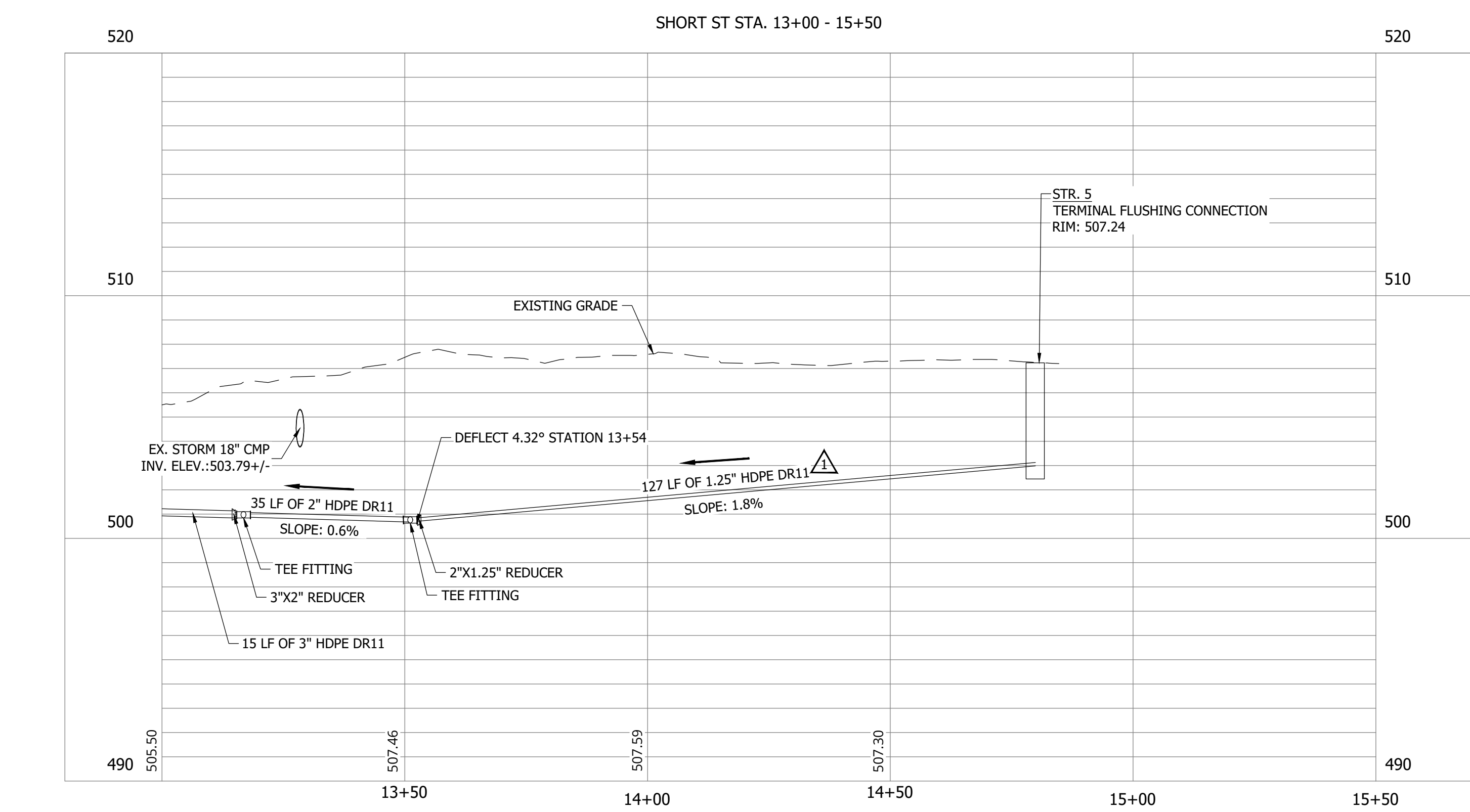


**SANITARY SEWER
PLAN AND PROFILE**

C110



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

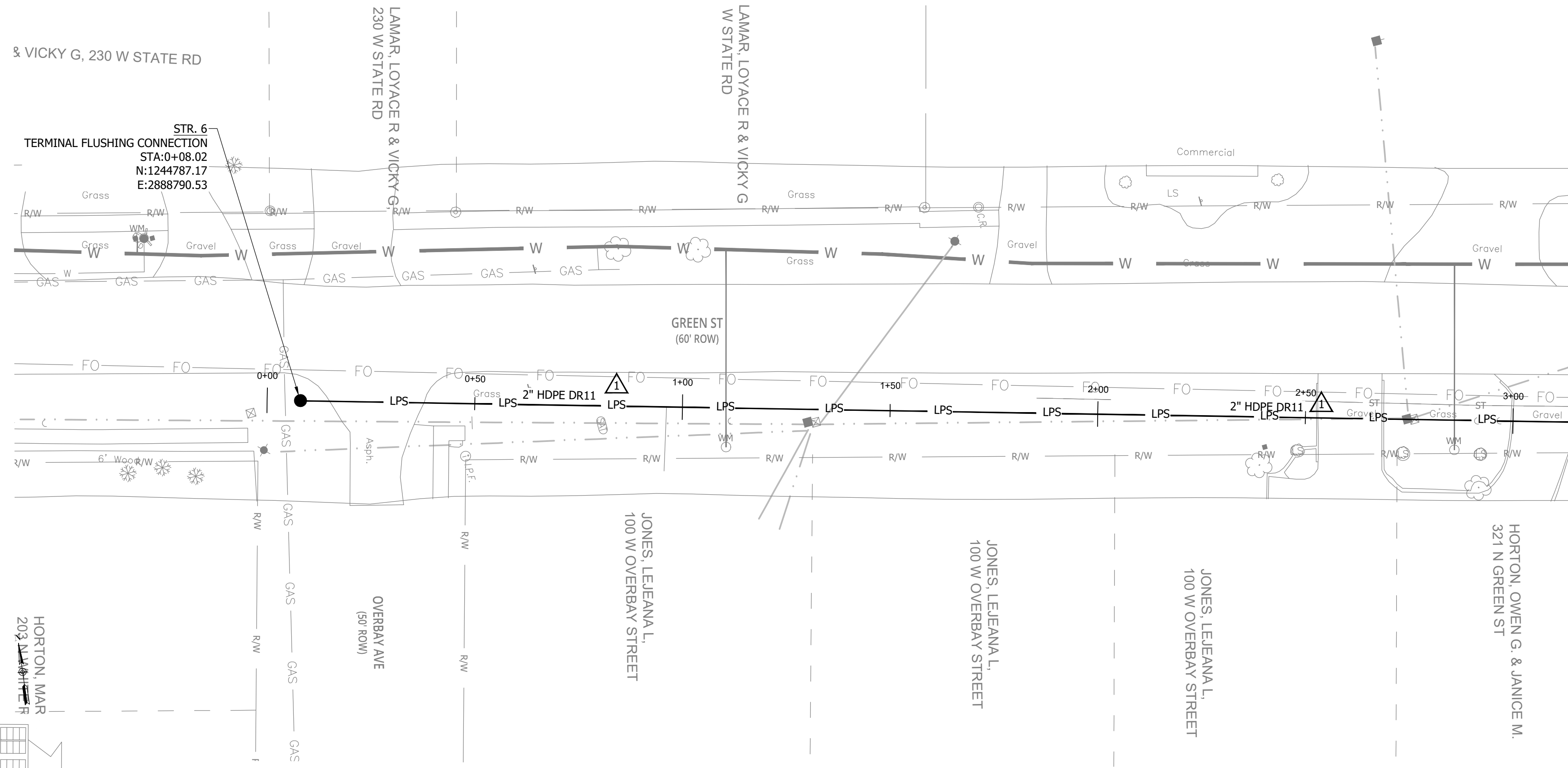
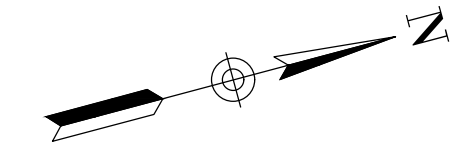


PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C110 SANITARY SEWER PLAN AND PROFILES.DWG

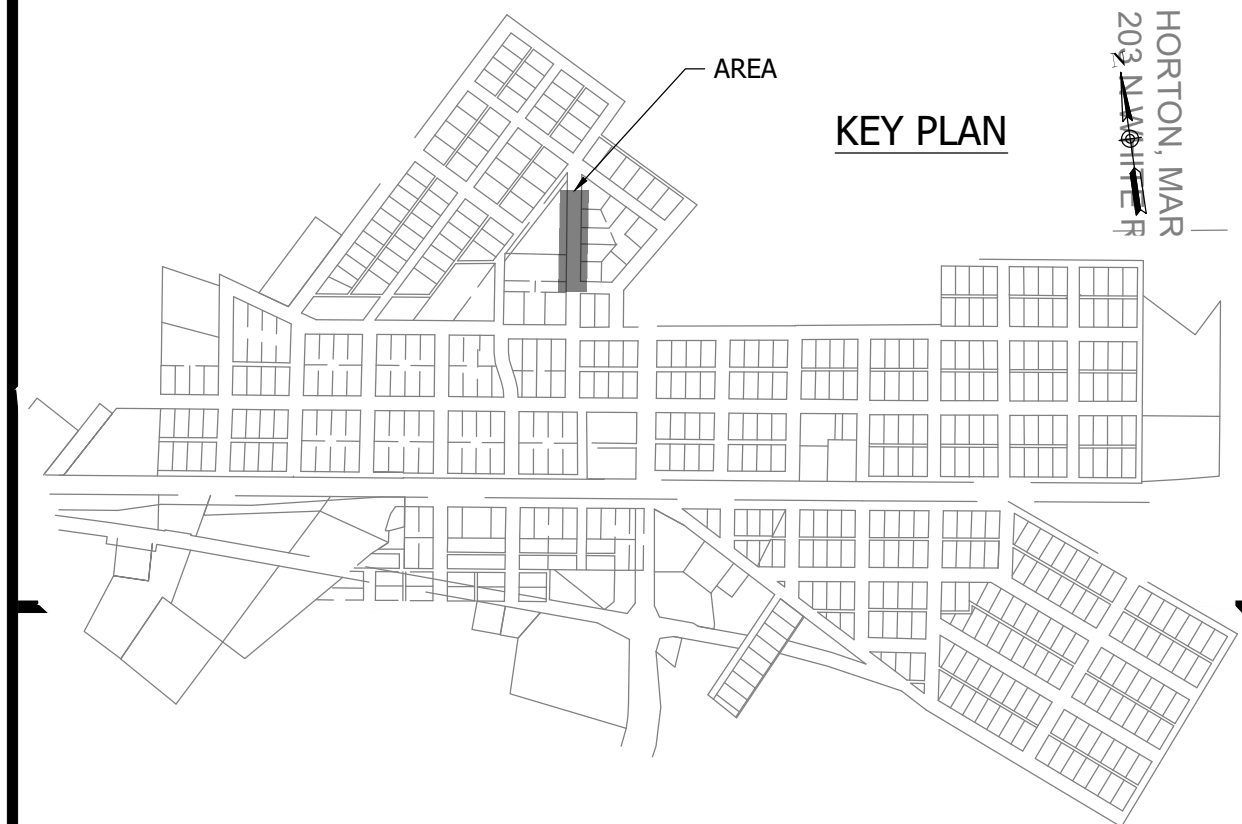
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597



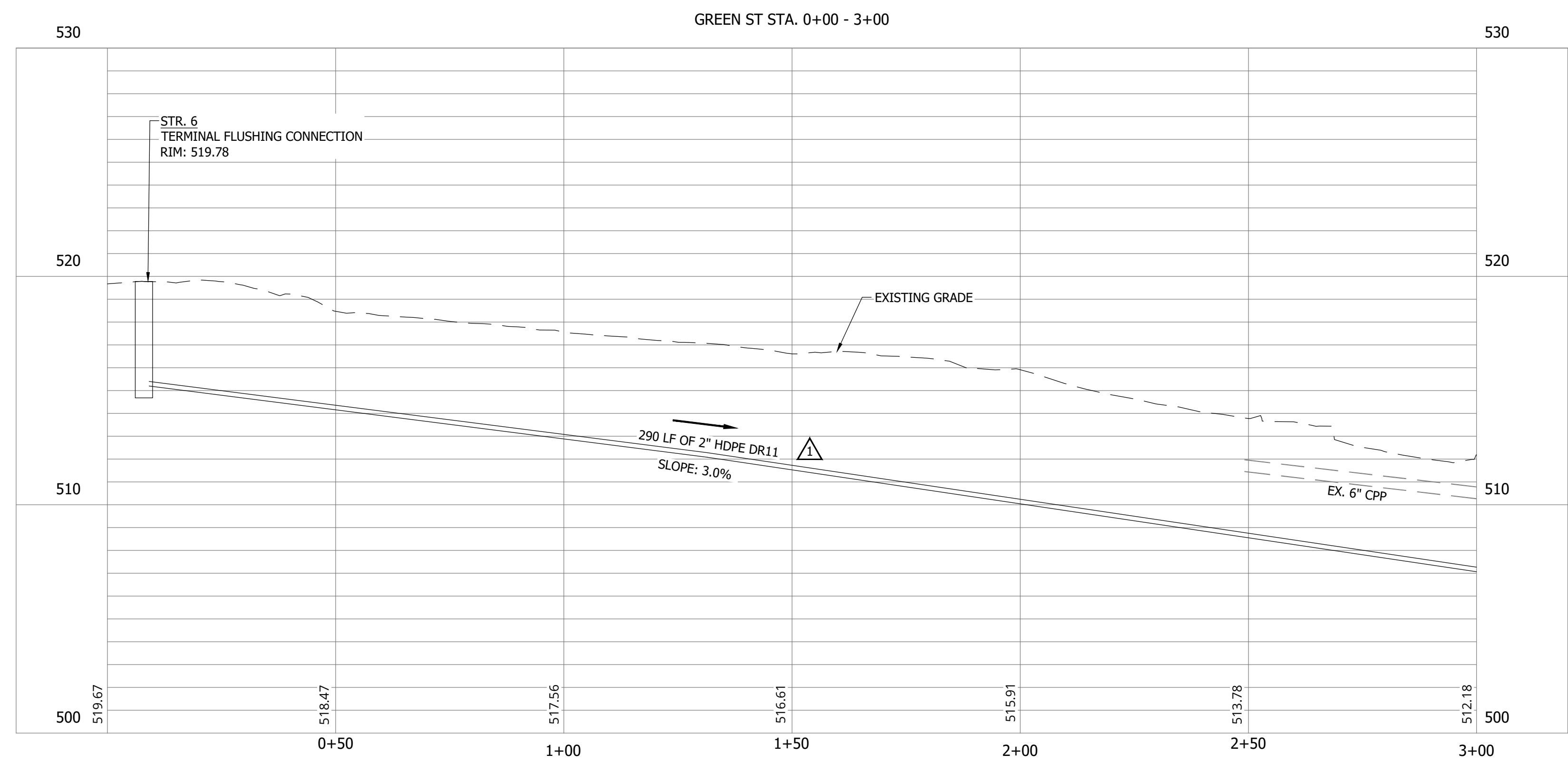
STR. 6
TERMINAL FLUSHING CONNECTION
STA: 0+08.02
N: 1244787.17
E: 2888790.53



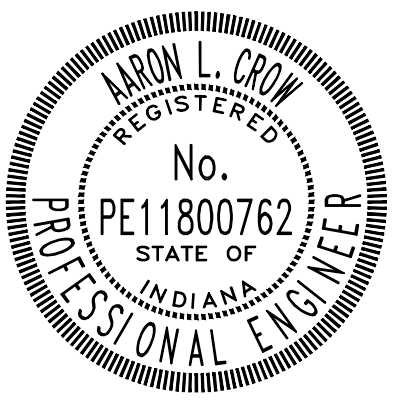
KEY PLAN

- NOTES:
- ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23



Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



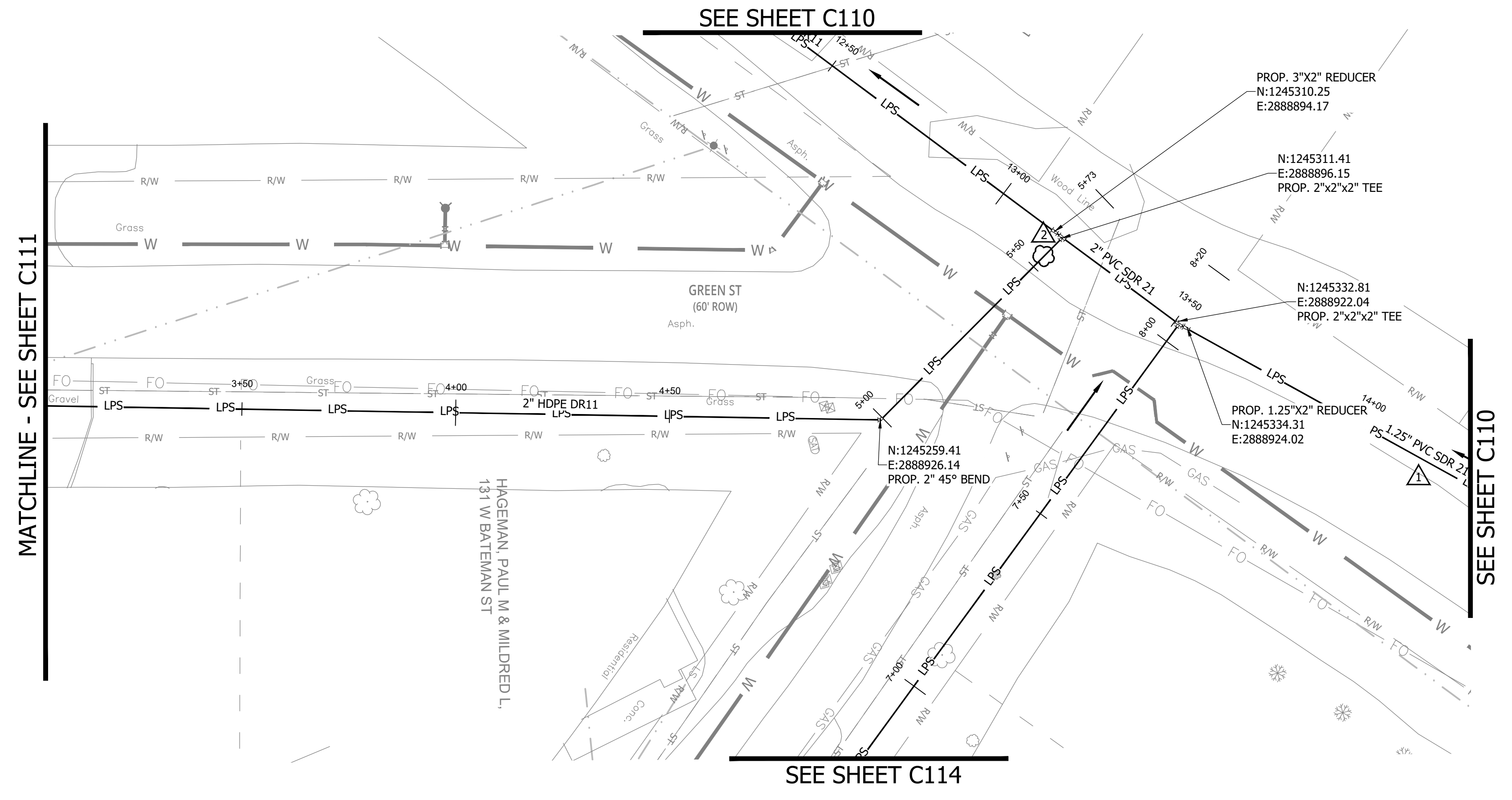
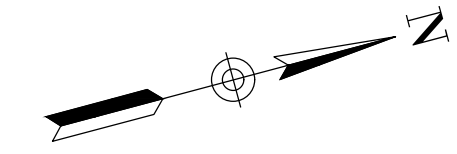
**SANITARY SEWER
PLAN AND PROFILE**

C111

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

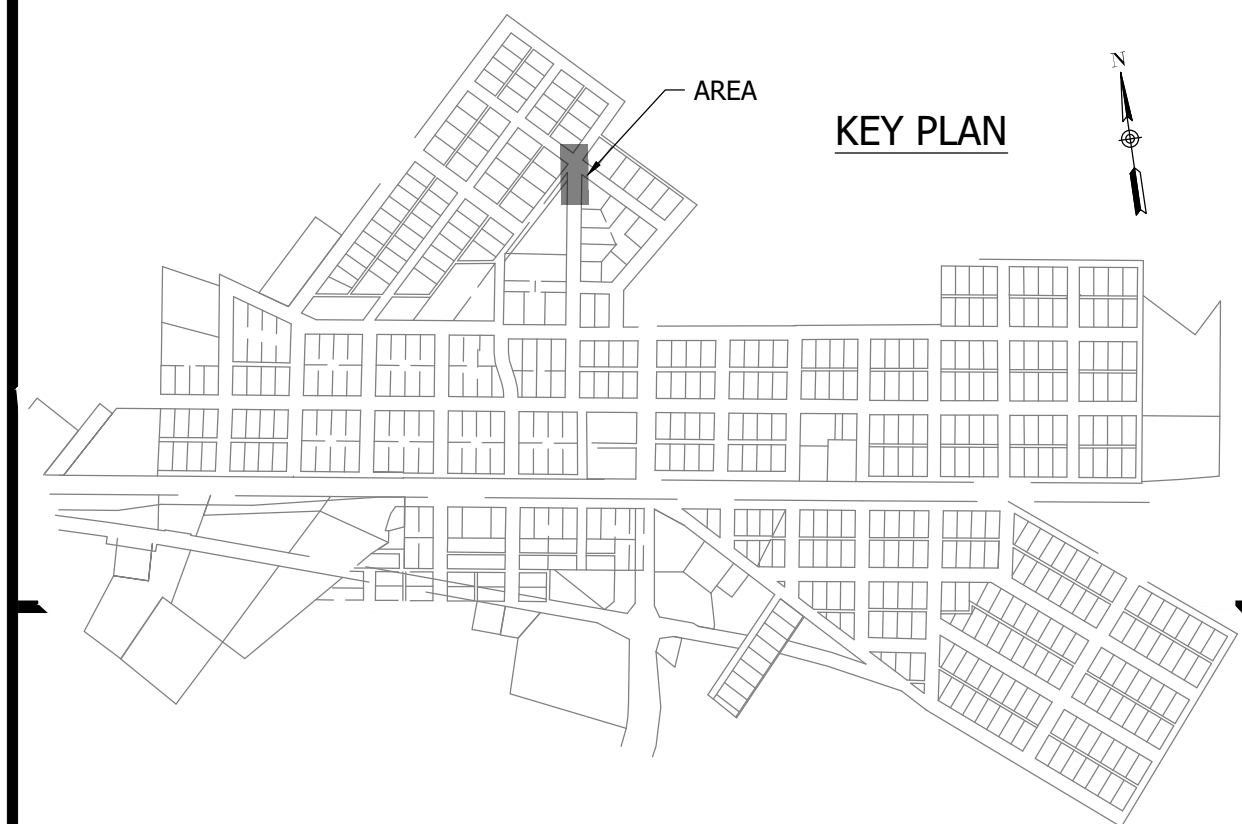


MATCHLINE - SEE SHEET C111

SEE SHEET C110

SEE SHEET C110

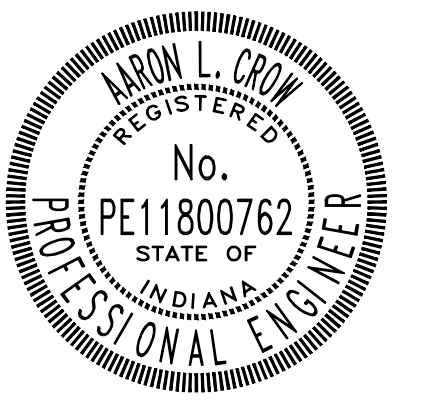
SEE SHEET C114



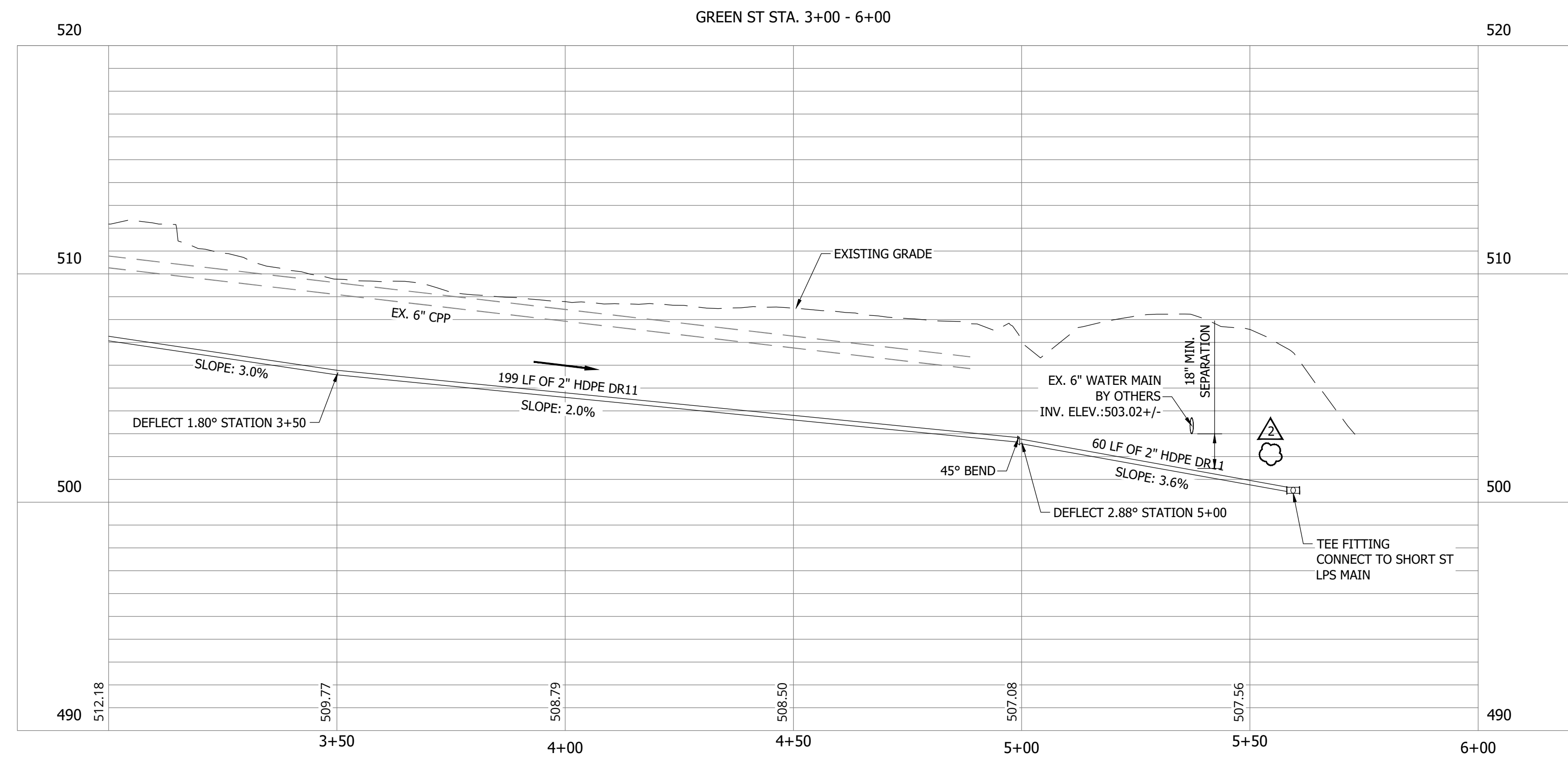
- NOTES:**
- ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHJUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C111 SANITARY SEWER PLAN AND PROFILES.DWG

**SANITARY SEWER
PLAN AND PROFILE**

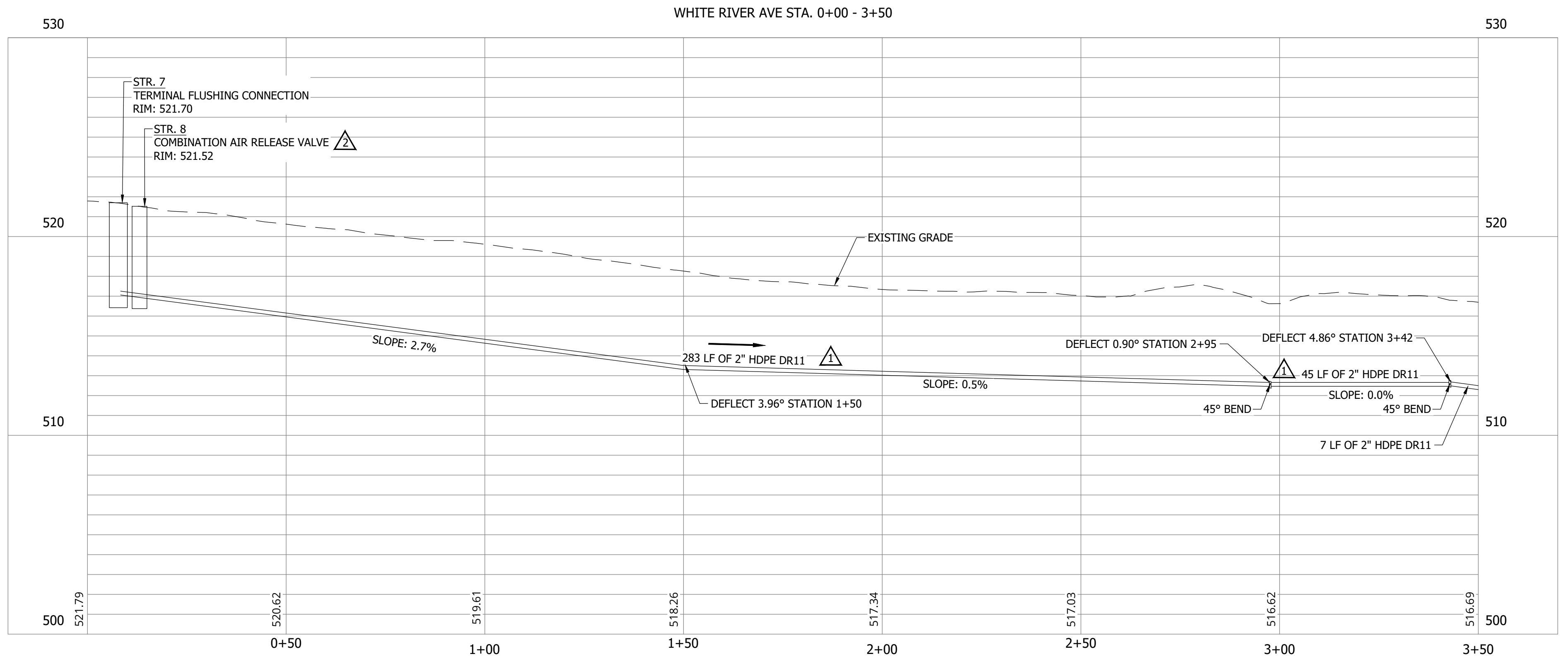
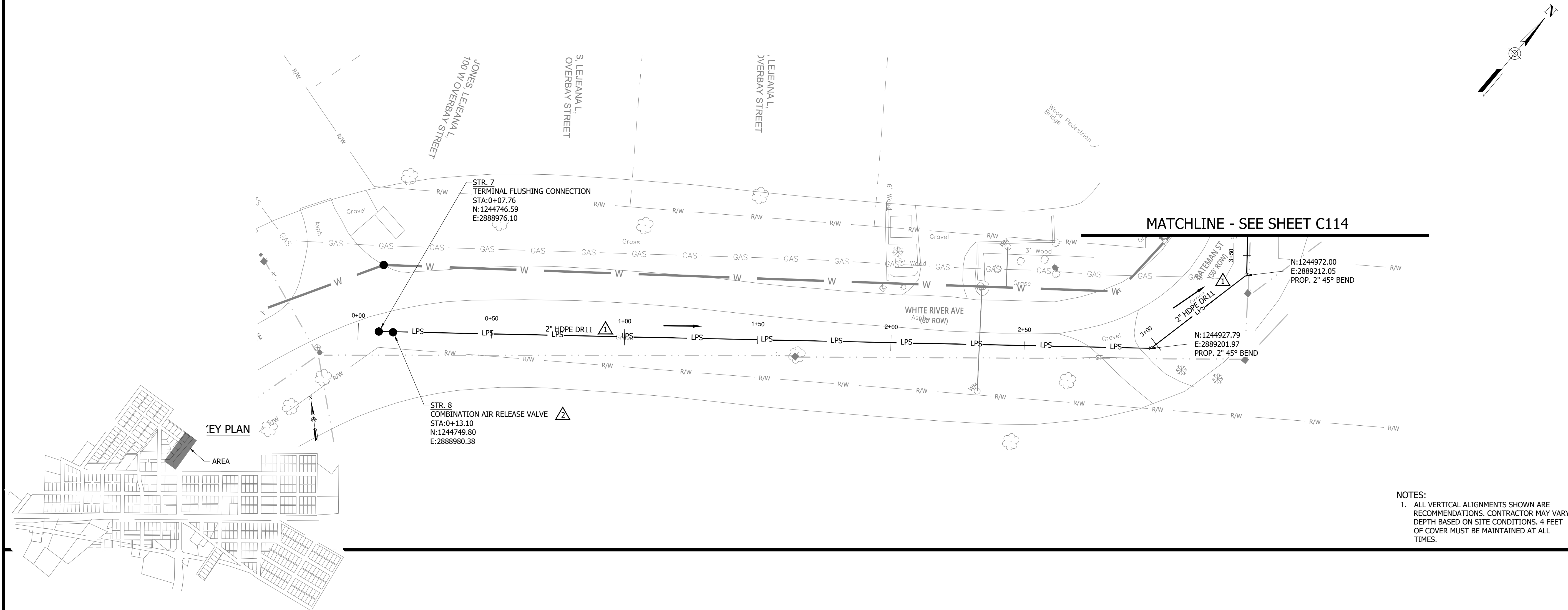
C112

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHJUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C111 SANITARY SEWER PLAN AND PROFILES.DWG



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

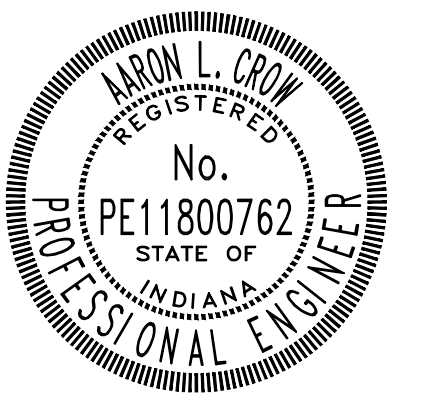
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



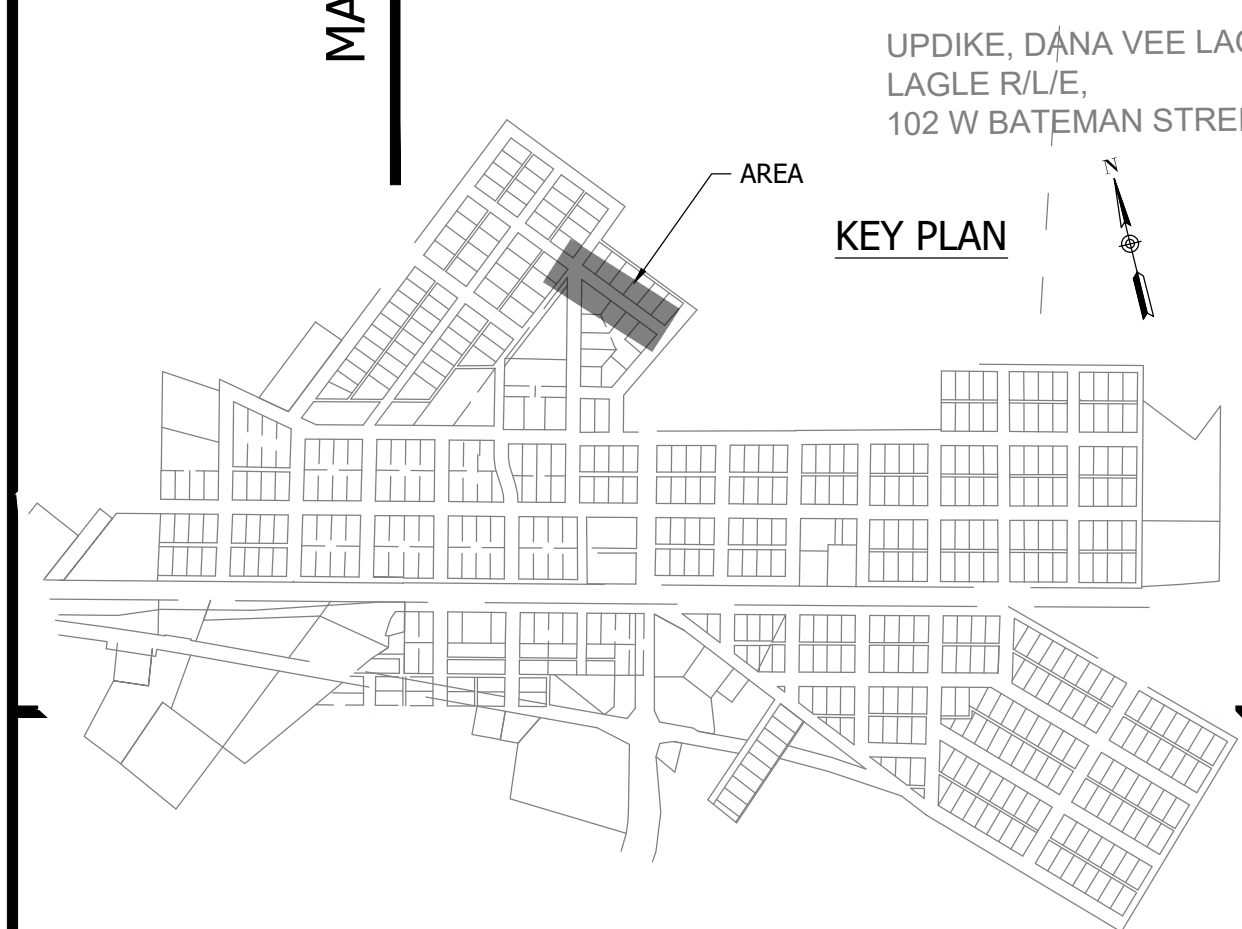
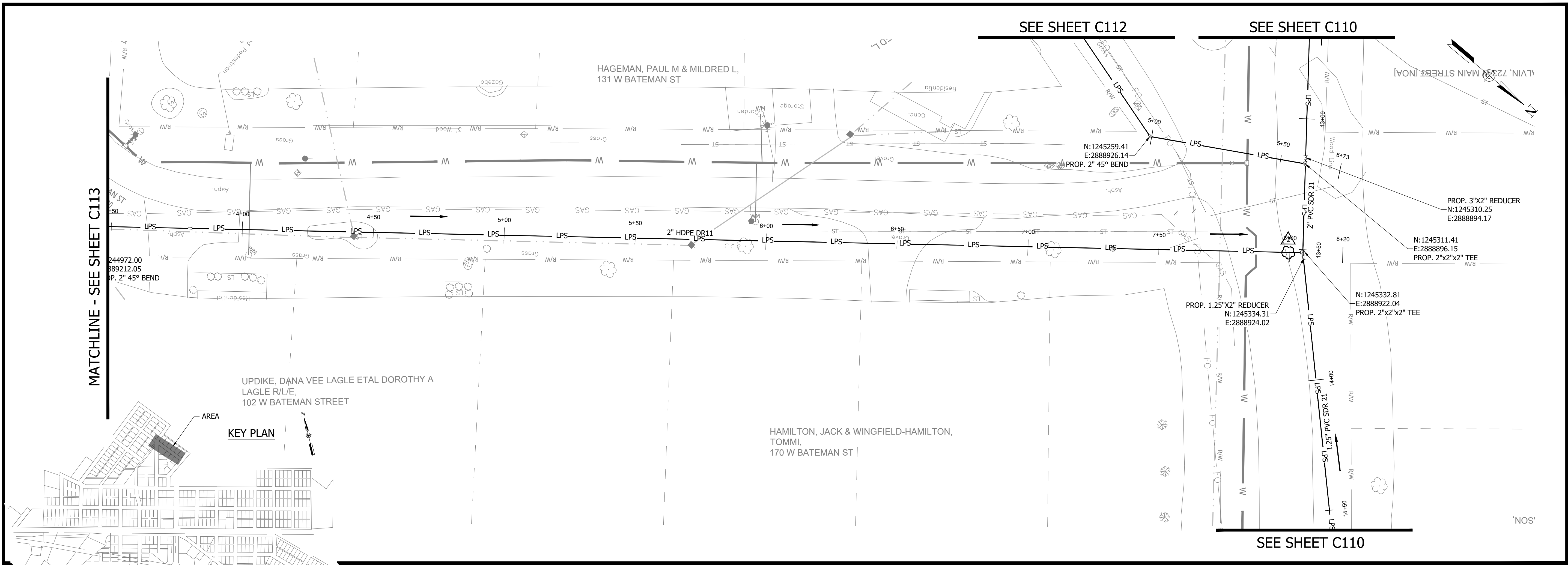
Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

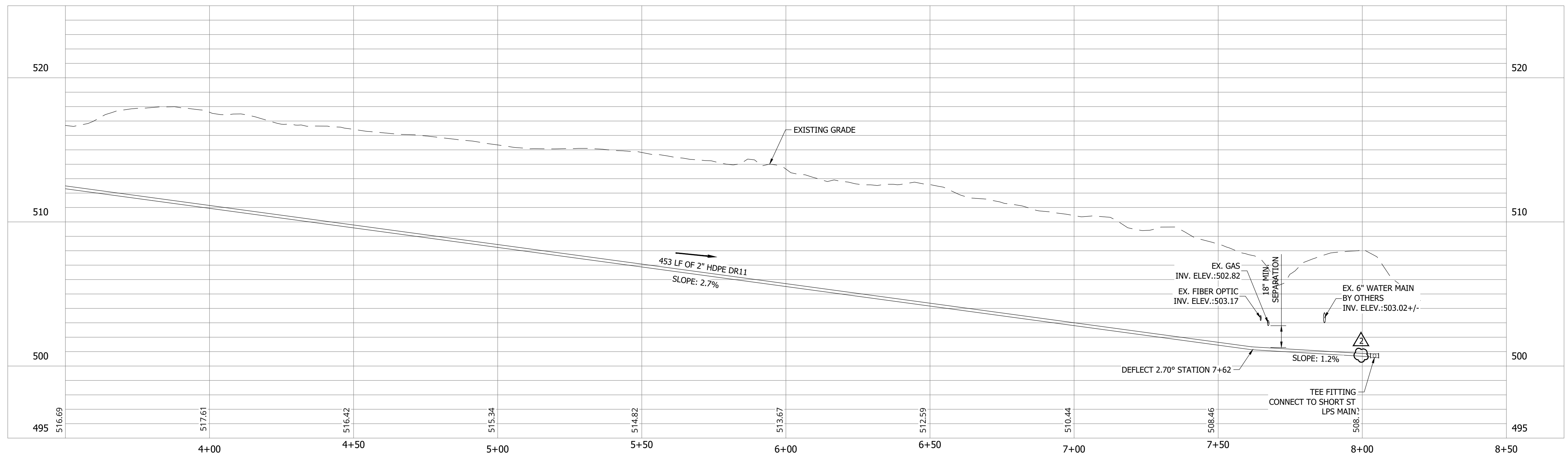
C113

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**
 WHEATLAND, IN 47597



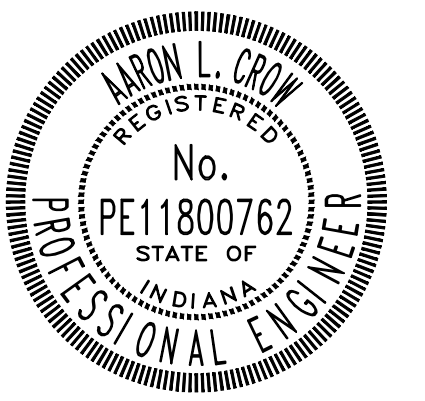
NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

BATEMAN ST STA. 3+50 - 8+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

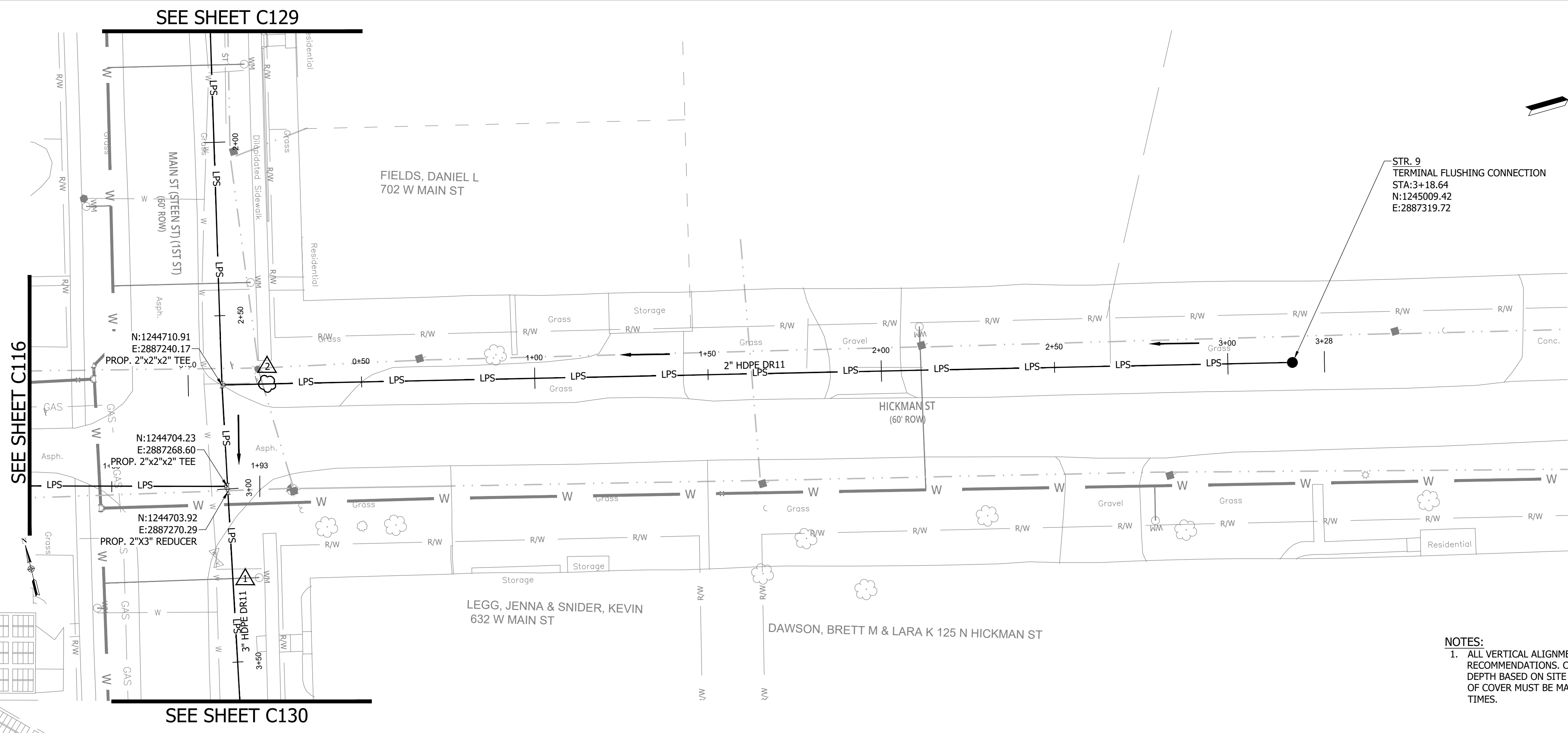
C114

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C1101 SANITARY SEWER PLAN AND PROFILES.DWG

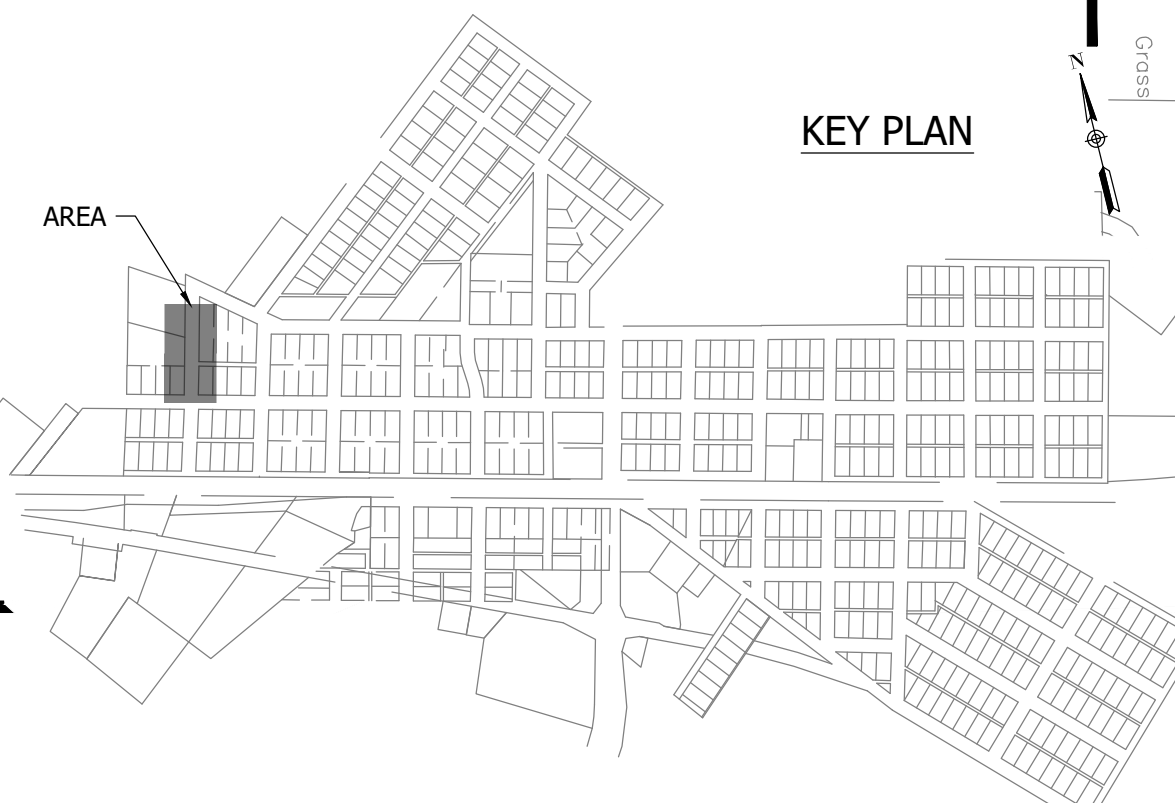
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

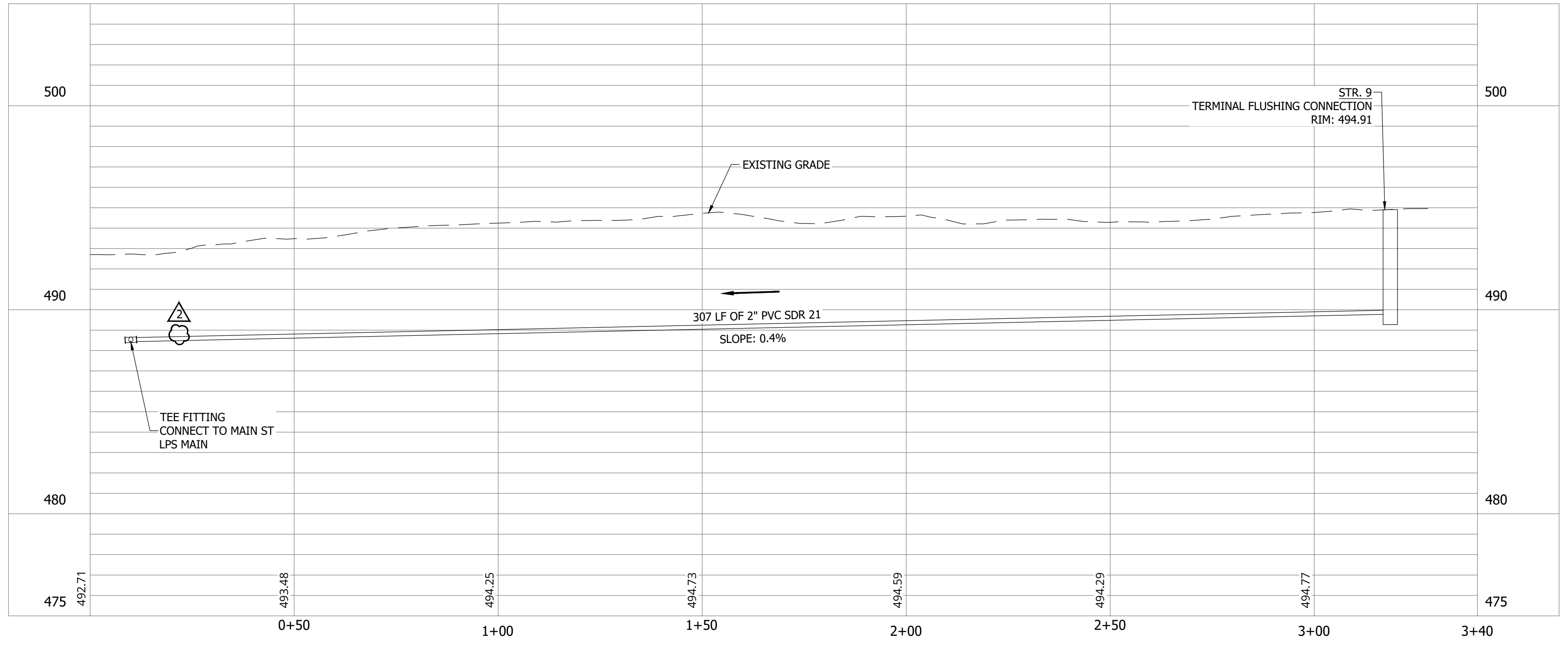
WHEATLAND, IN 47597



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

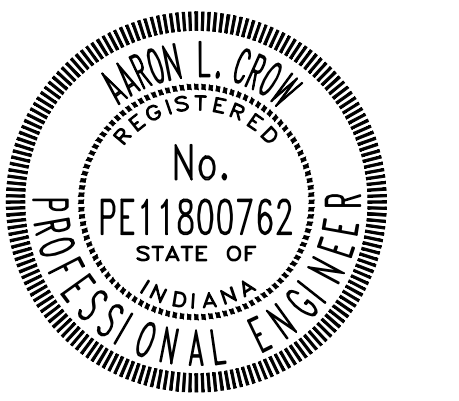


HICKMAN ST STA. 0+00 - 3+20



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



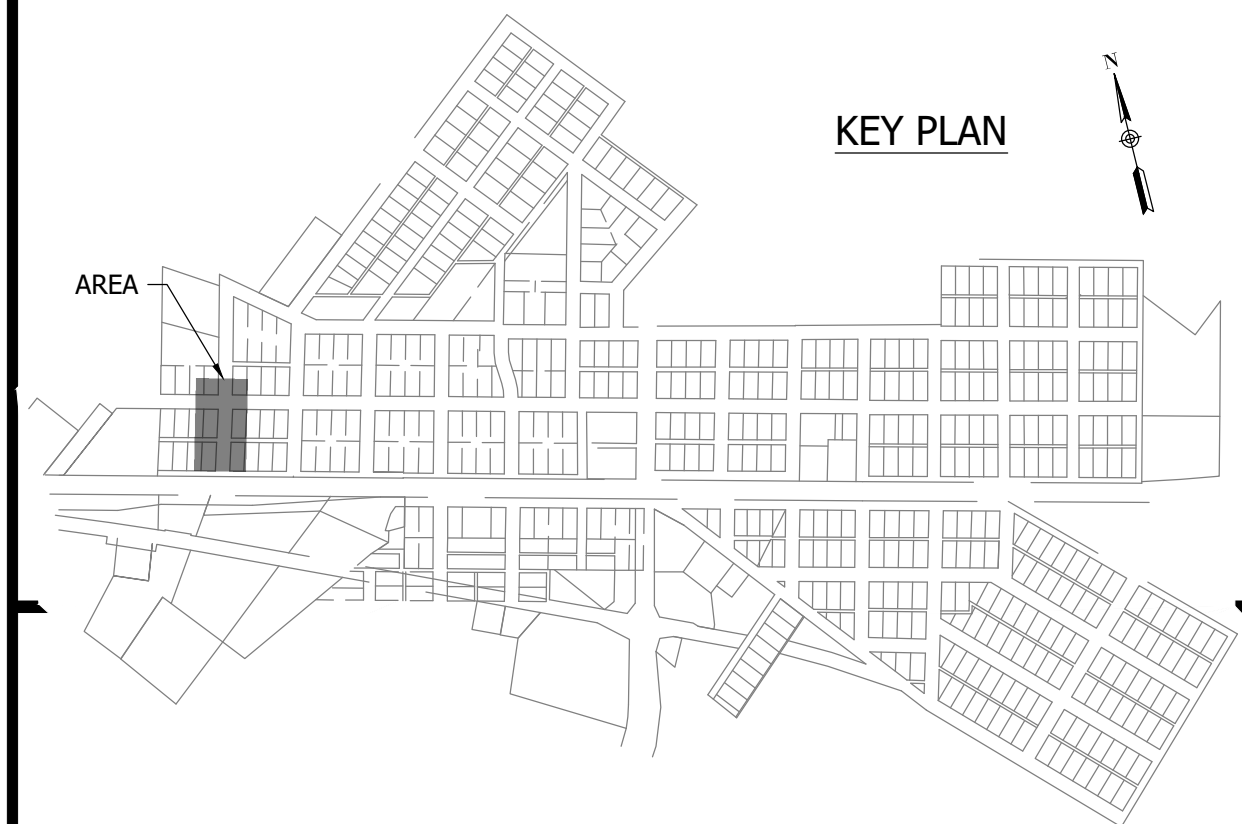
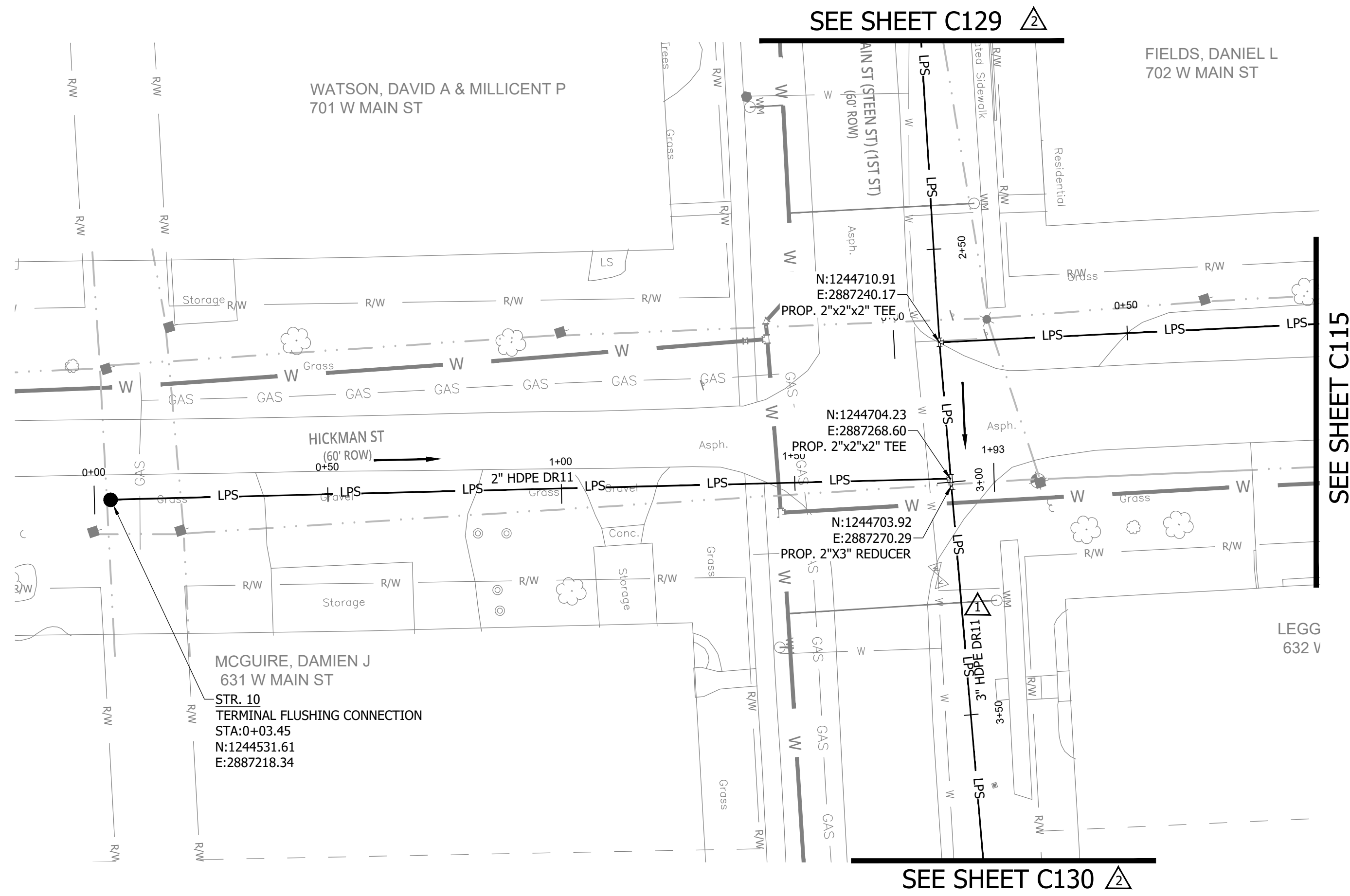
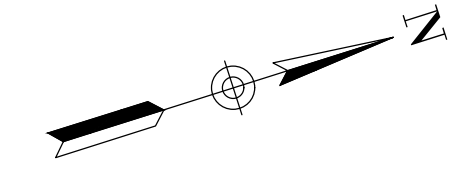
**SANITARY SEWER
PLAN AND PROFILE**

C115

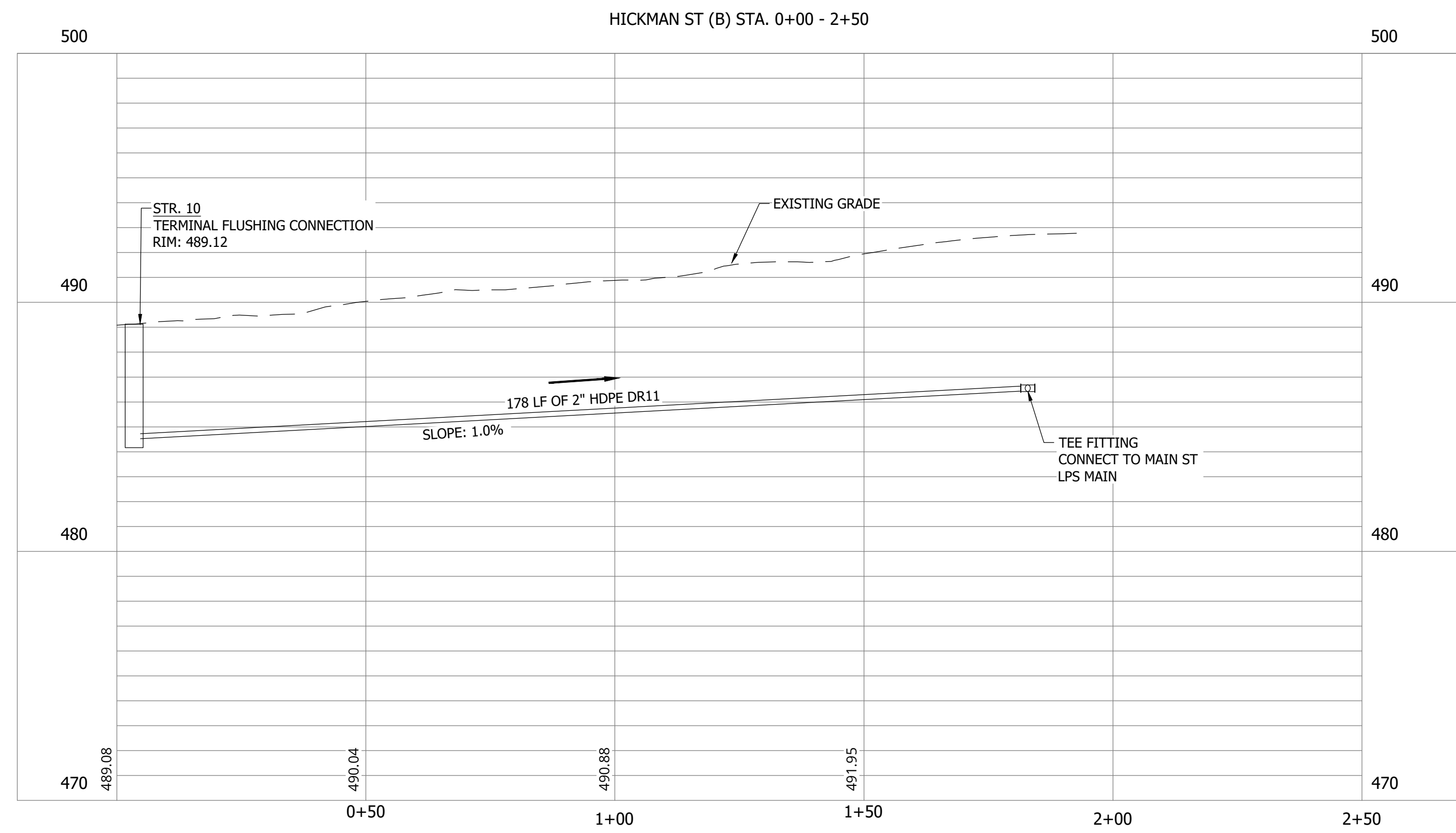
PRINT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C115 SANITARY SEWER PLAN AND PROFILE.DWG
PLOT SCALE: 1:1

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

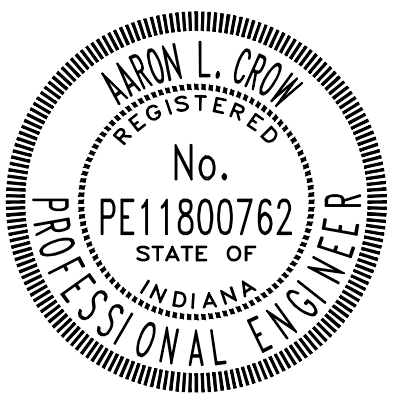


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



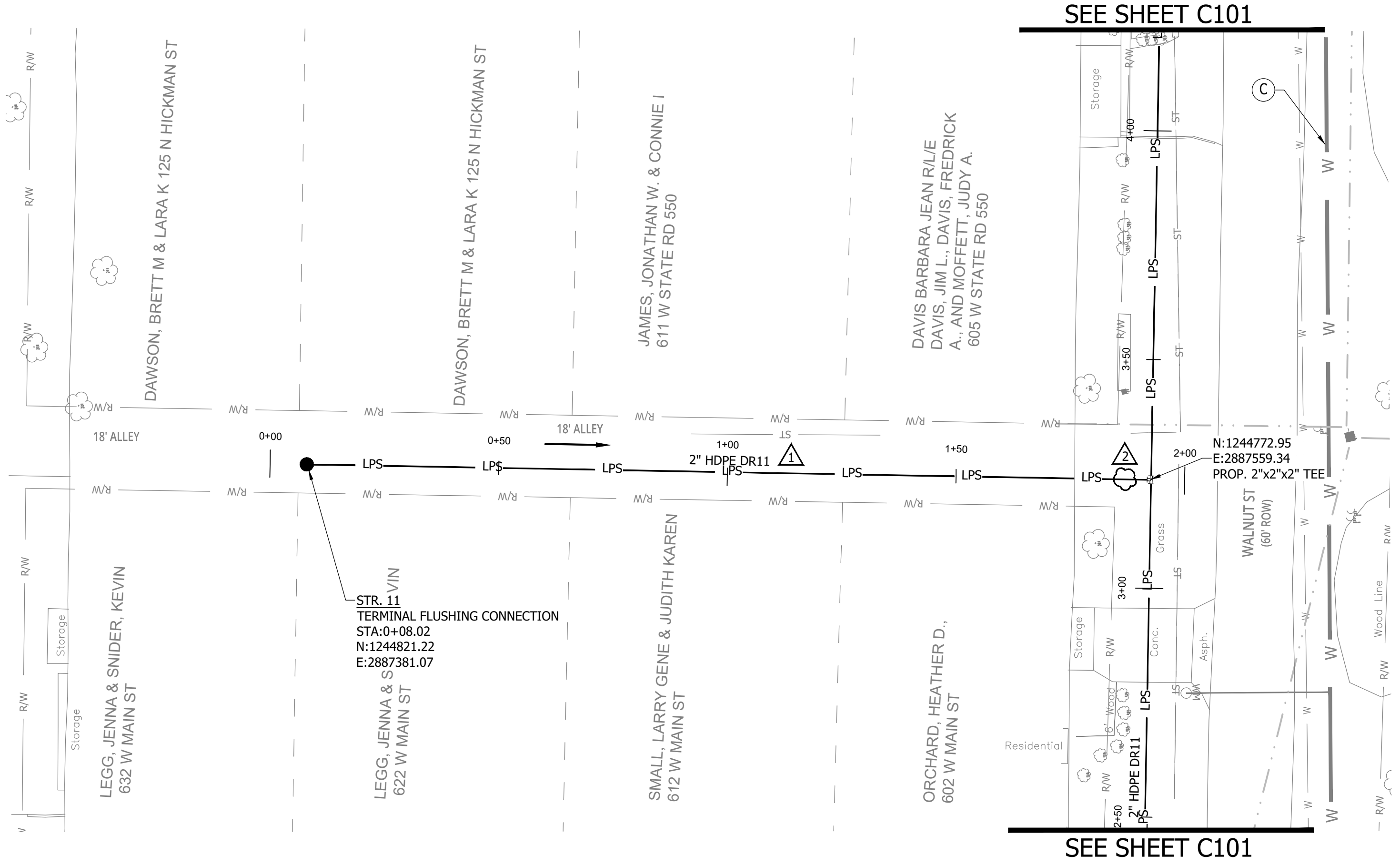
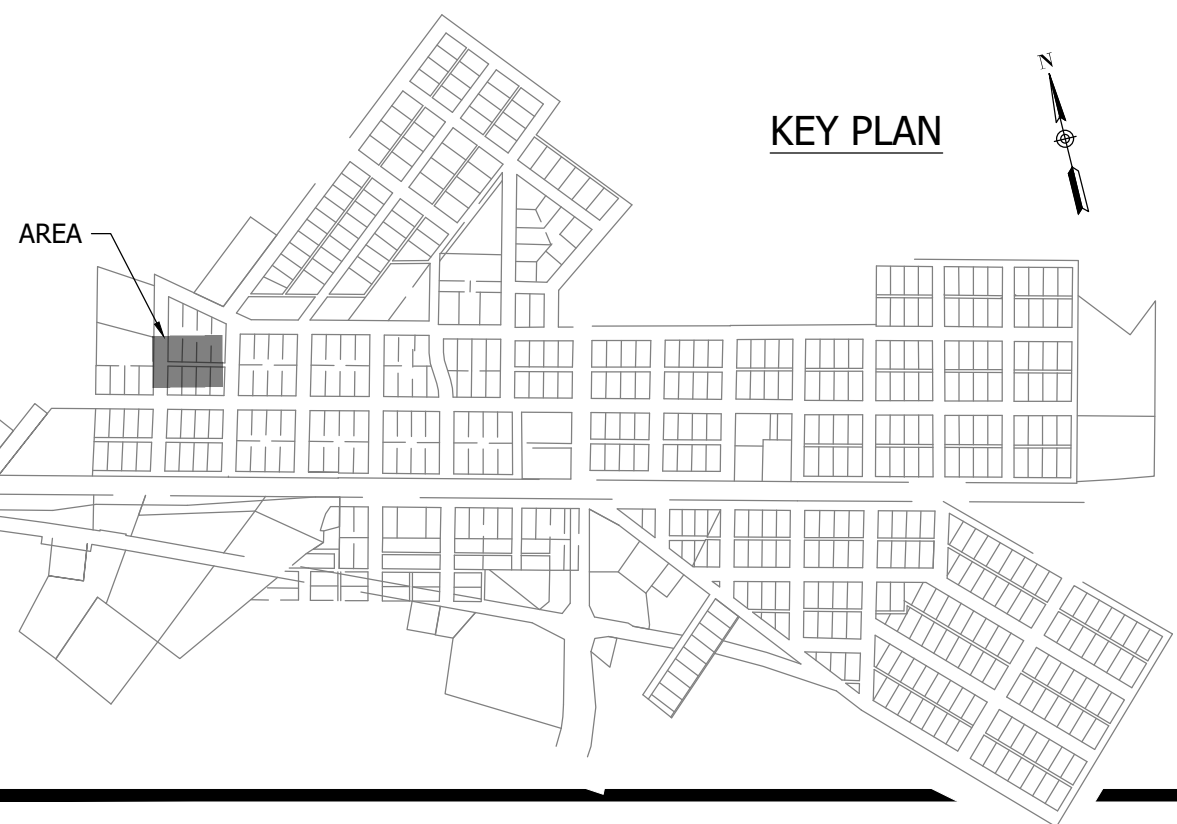
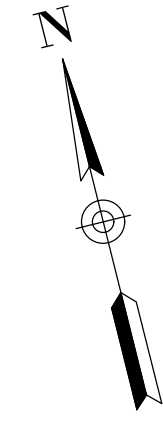
**SANITARY SEWER
 PLAN AND PROFILE**

C116

PRINT DATE: 9/27/23 11:03 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C116 SANITARY SEWER PLAN AND PROFILE.DWG
 PLOT SCALE: 1:1

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

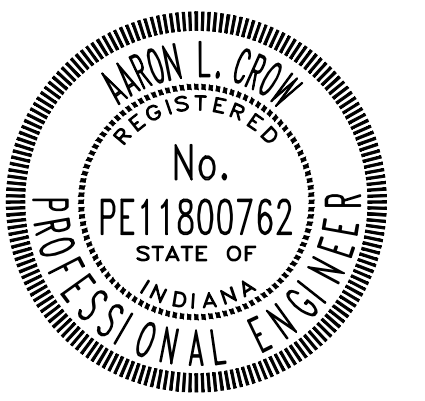
WHEATLAND, IN 47597



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow

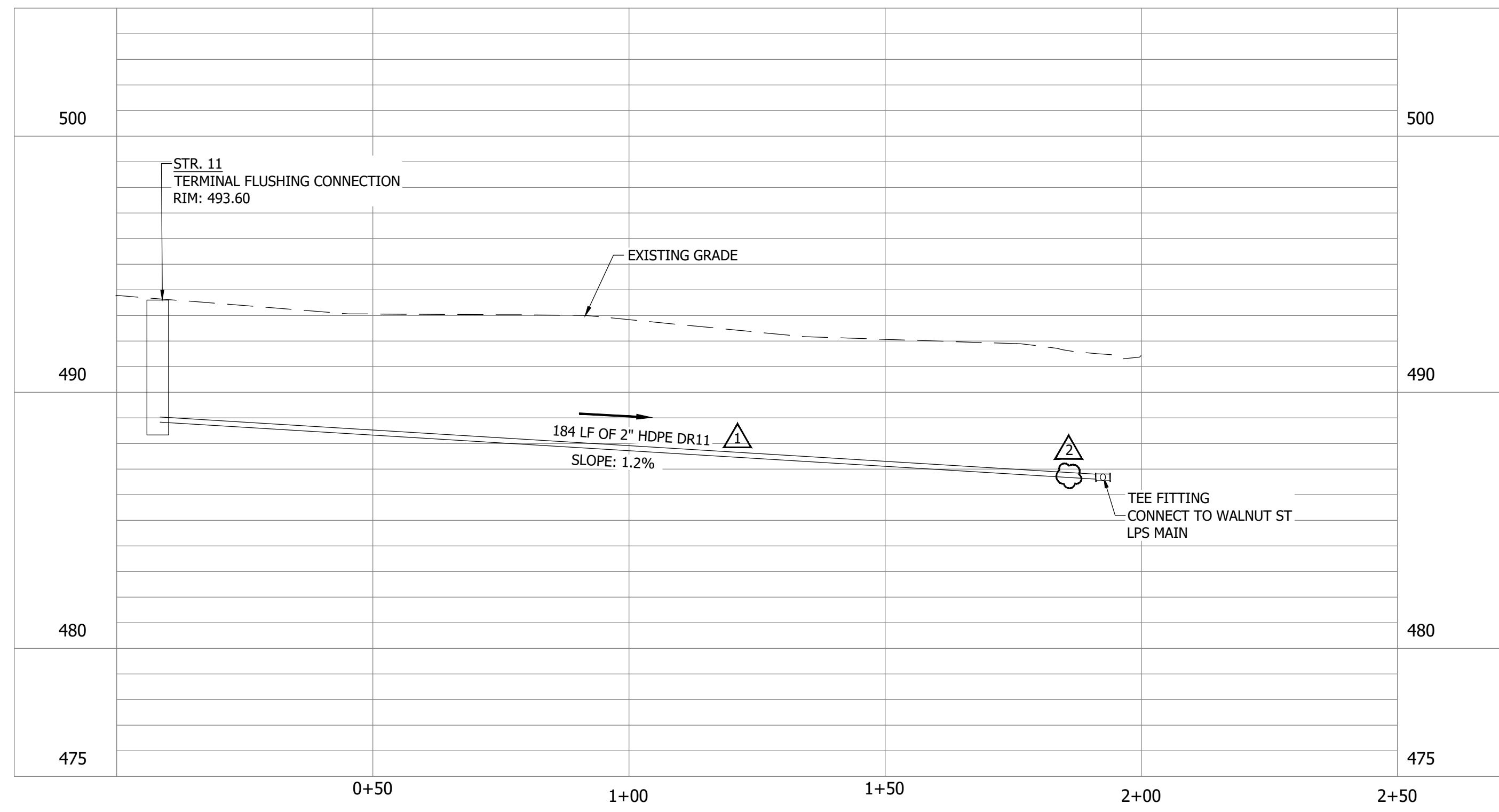


**SANITARY SEWER
 PLAN AND PROFILE**

C117

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:00 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C116 SANITARY SEWER PLAN AND PROFILES.DWG

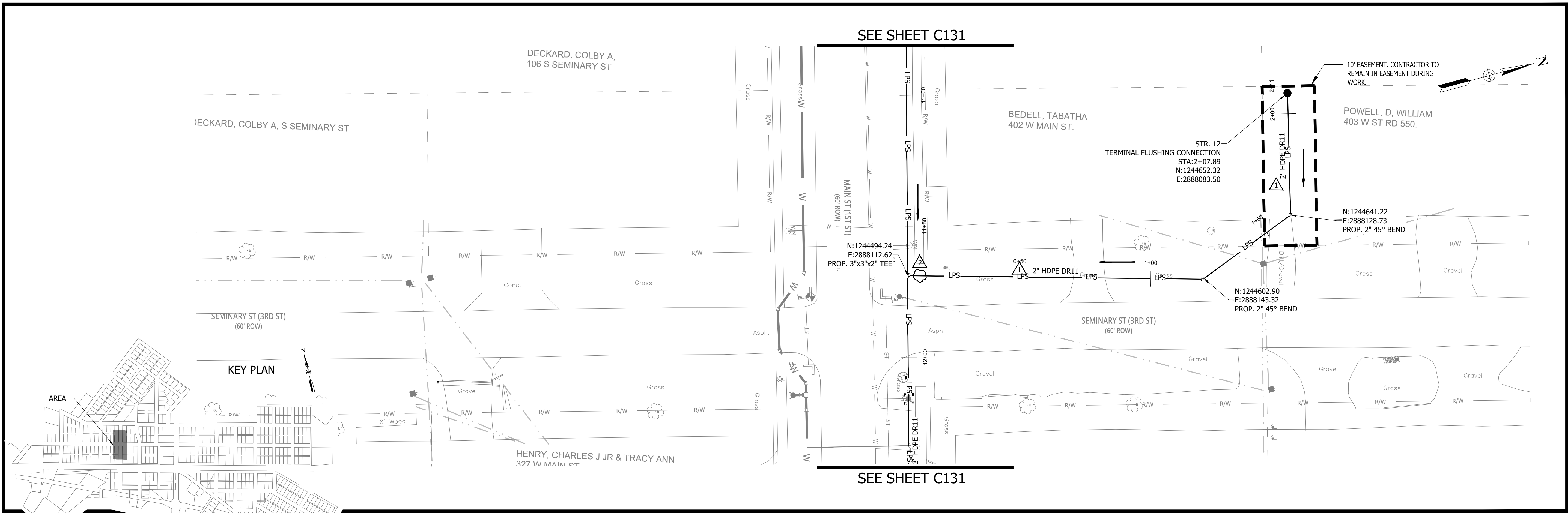
WALNUT ST (B) STA. 0+00 - 2+50



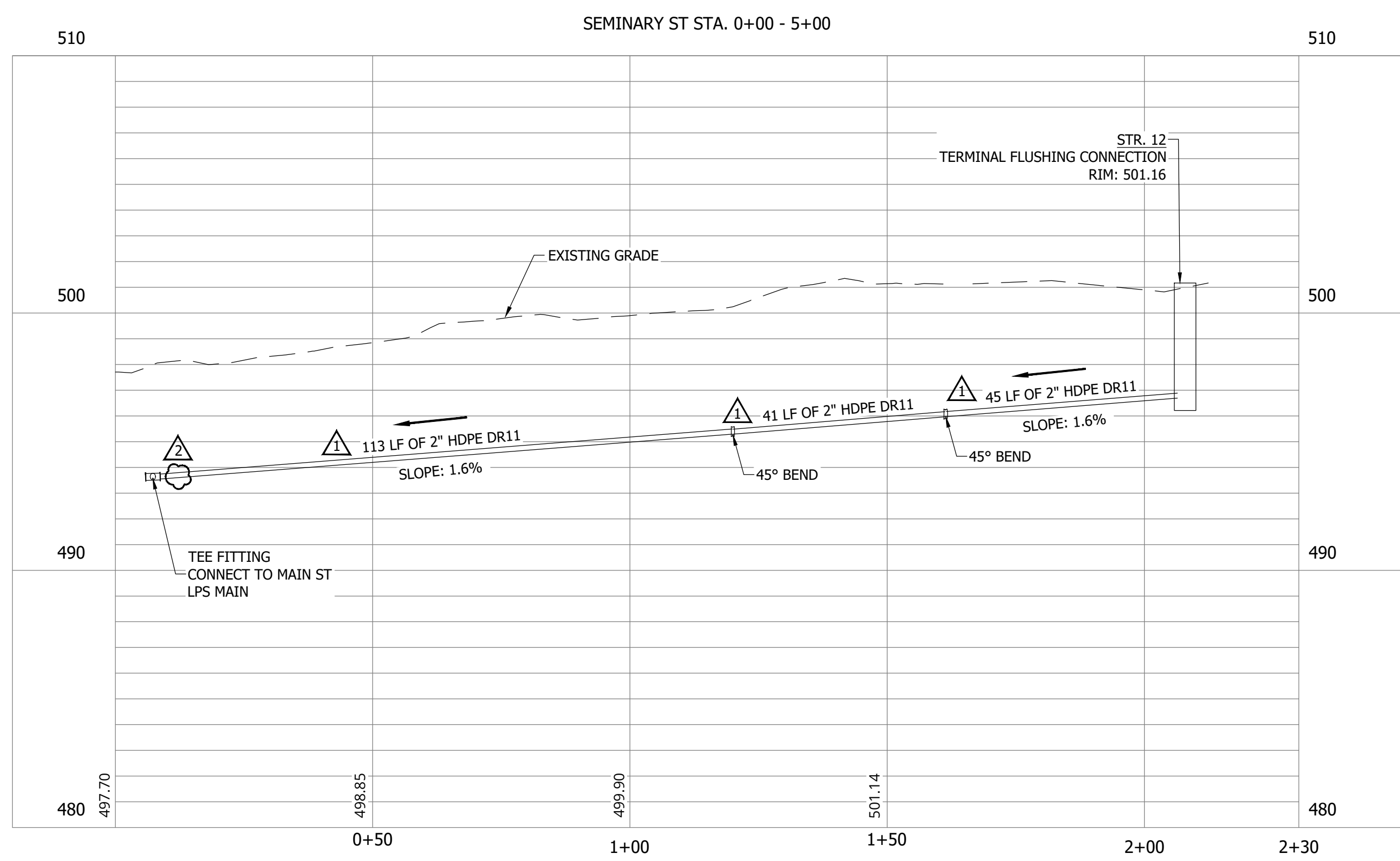
CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:00 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C116 SANITARY SEWER PLAN AND PROFILES.DWG

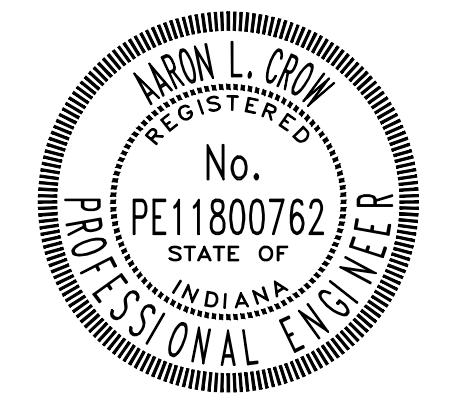


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



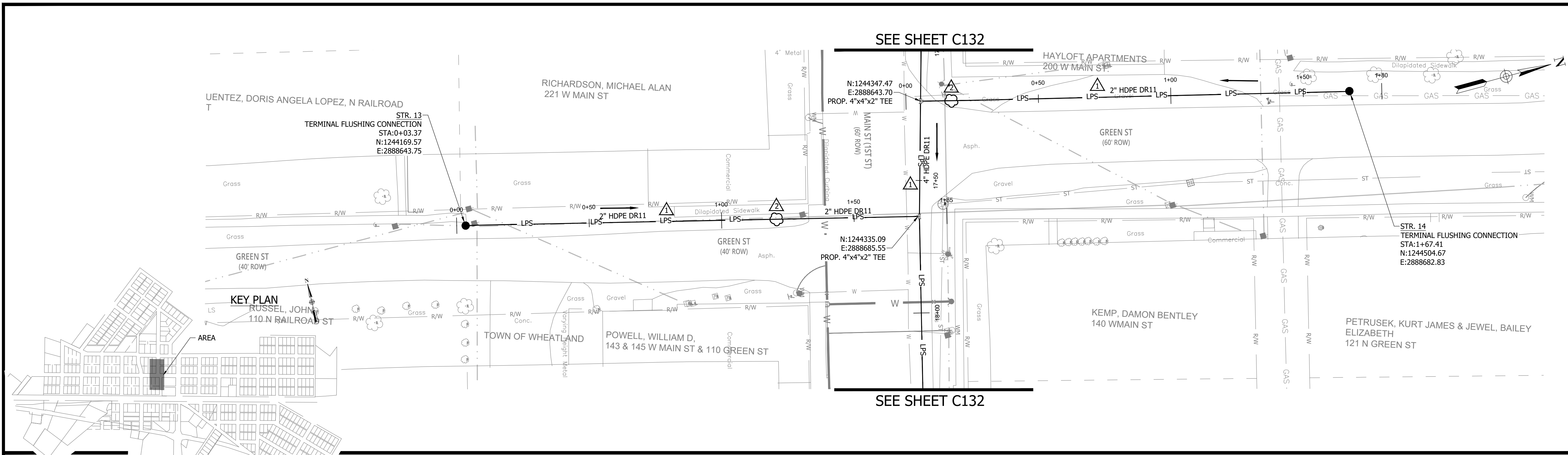
**SANITARY SEWER
 PLAN AND PROFILE**

C118

CONSTRUCTION PLANS

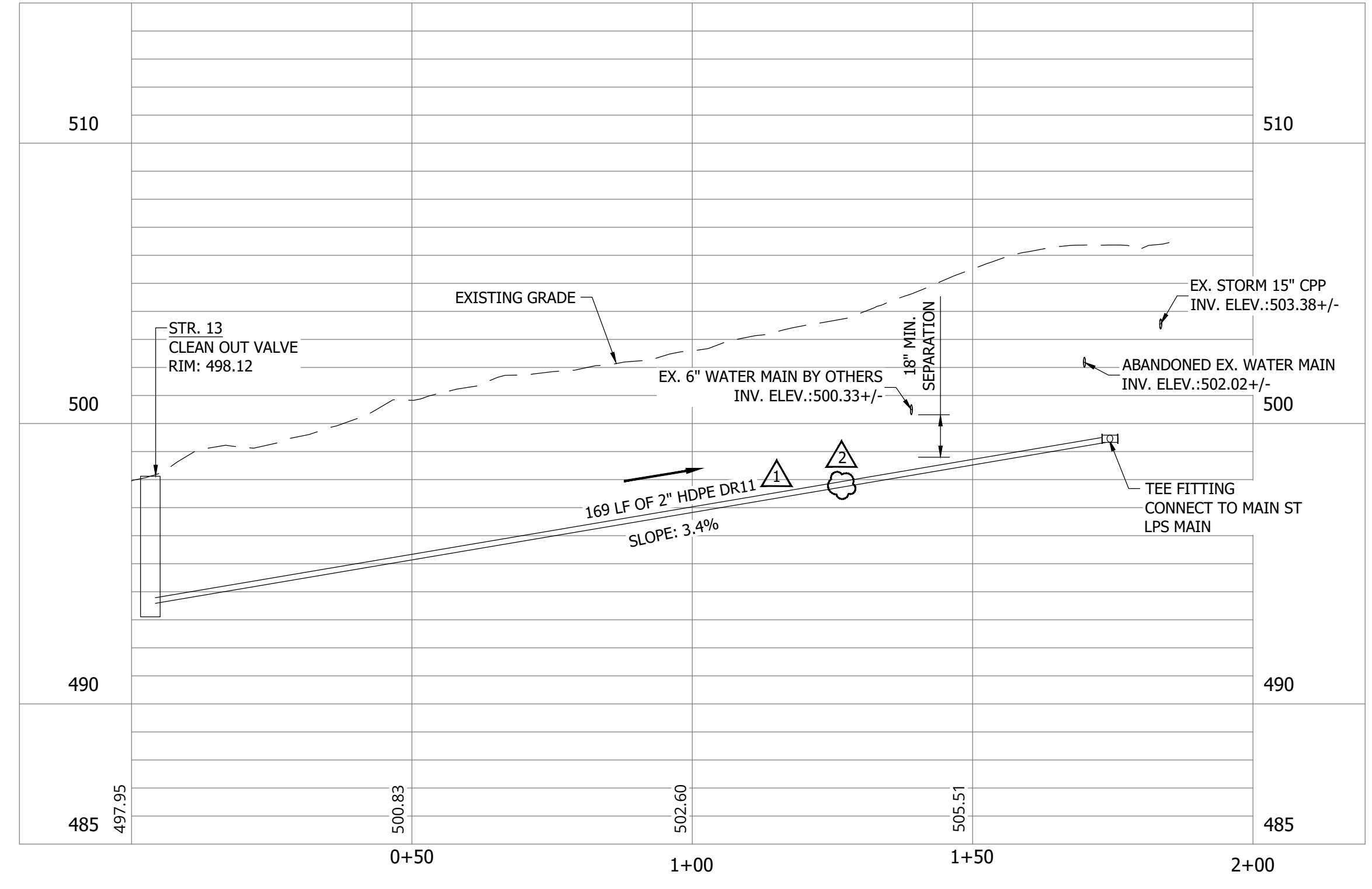
WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

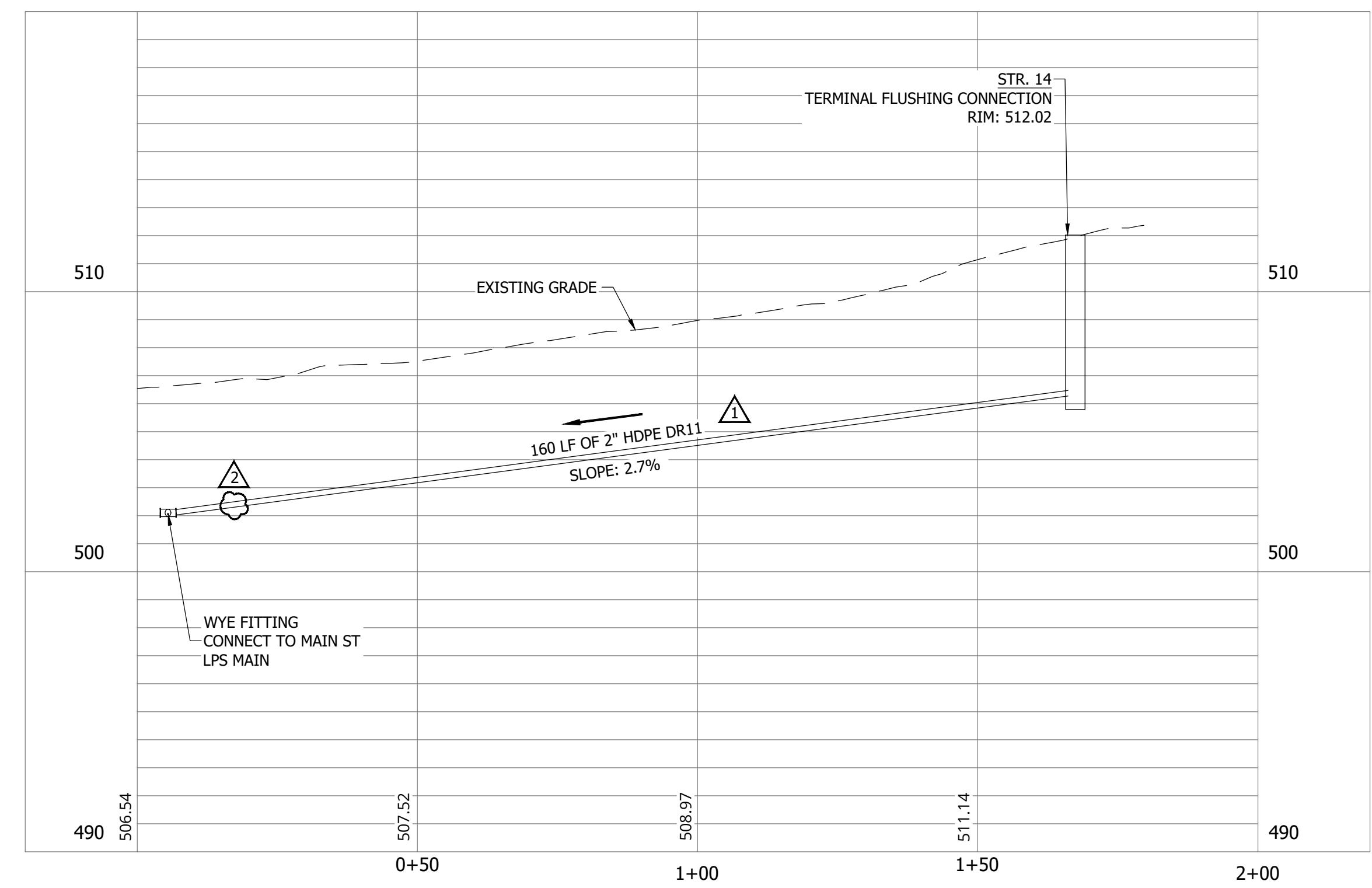


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

GREEN ST (D) STA. 0+00 - 4+50

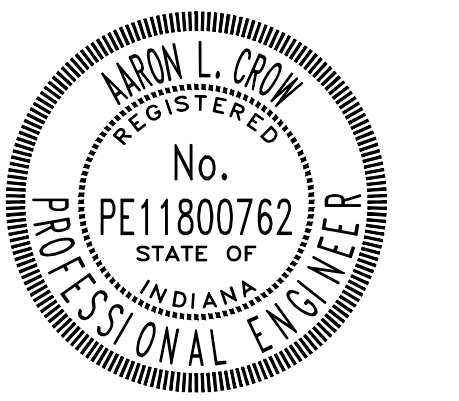


GREEN ST (B) STA. 0+00 - 3+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



SANITARY SEWER
PLAN AND PROFILE

C119

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:00 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1\WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C116 SANITARY SEWER PLAN AND PROFILES.DWG

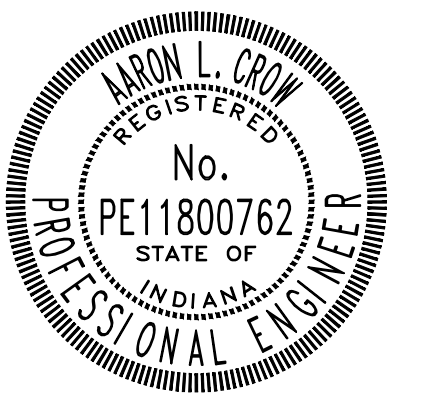
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

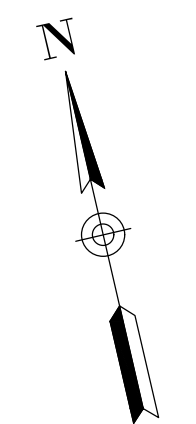


Aaron Crow

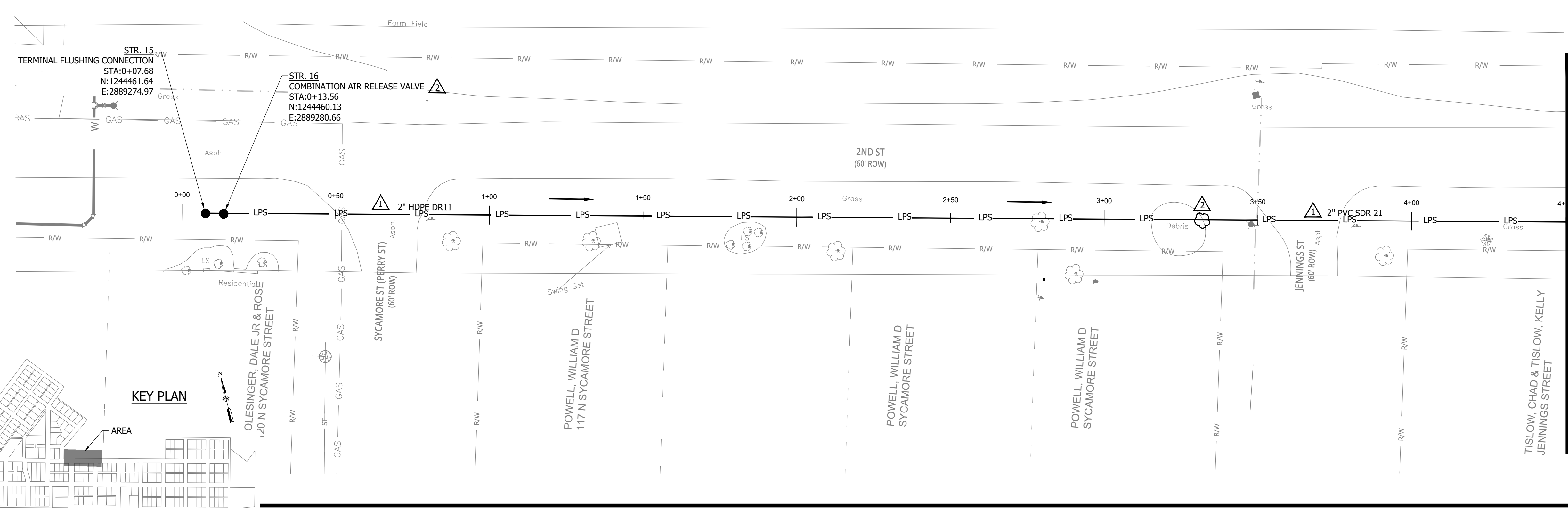


**SANITARY SEWER
PLAN AND PROFILE**

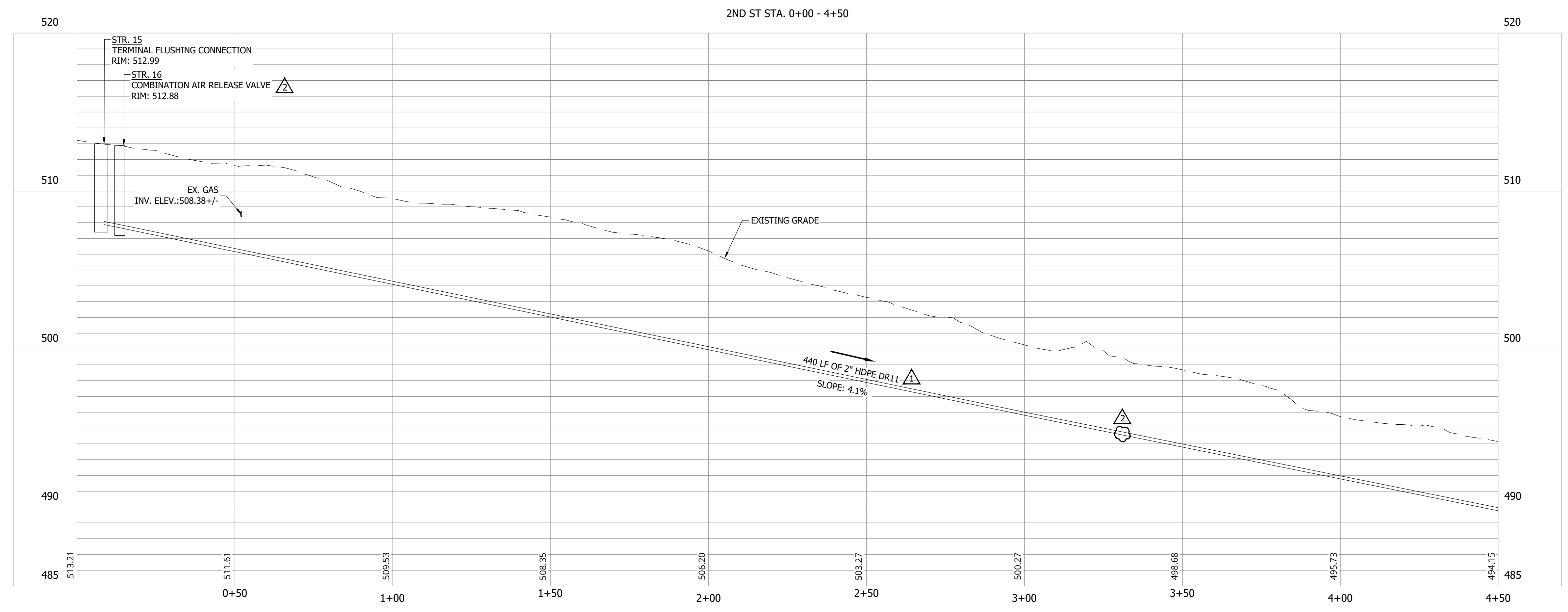
C120



MATCHLINE - SEE SHEET C121



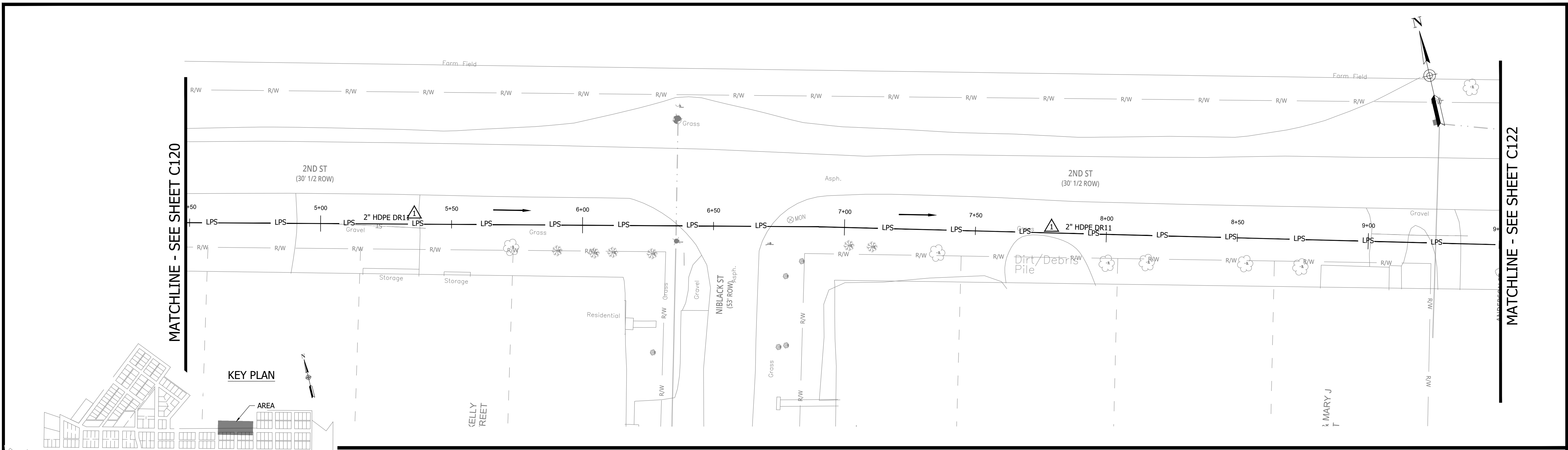
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**
 WHEATLAND, IN 47597

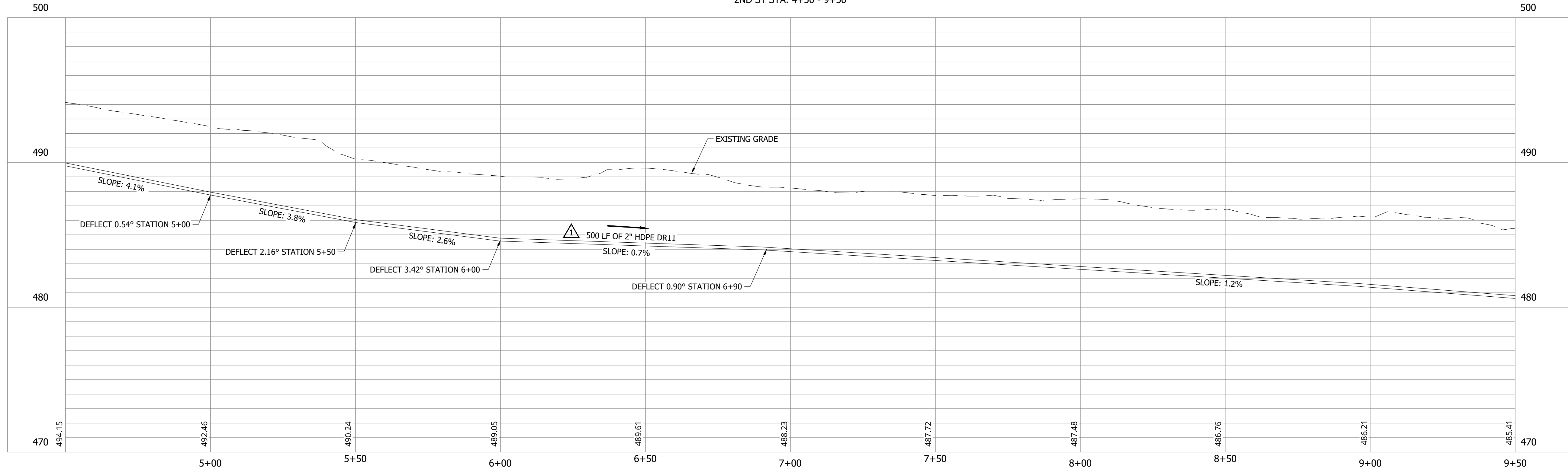
MATCHLINE - SEE SHEET C120

MATCHLINE - SEE SHEET C122



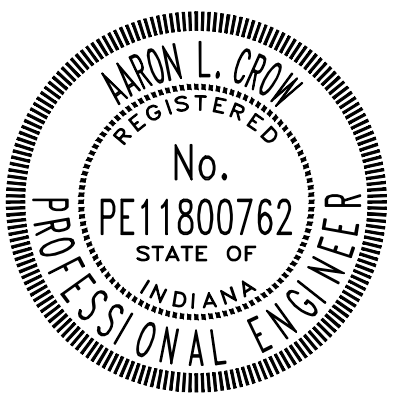
NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

2ND ST STA. 4+50 - 9+50



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
▽	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

C121

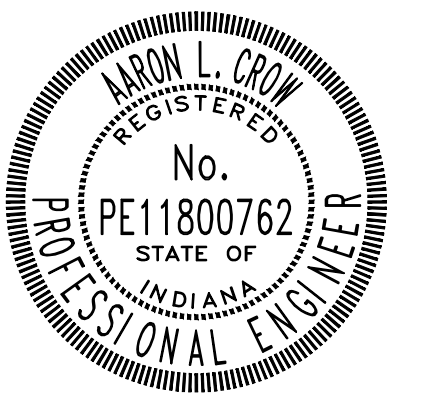
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

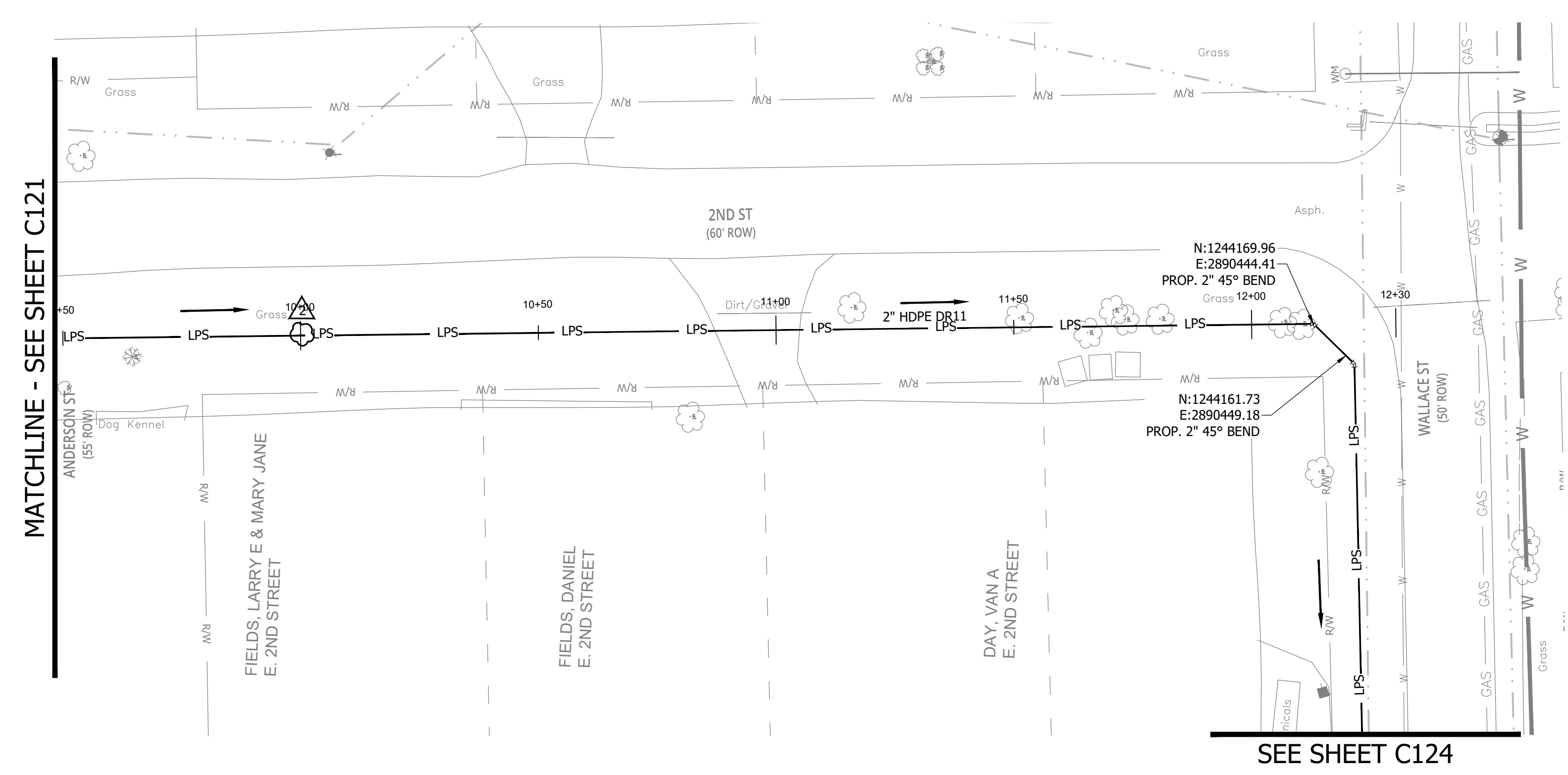


Aaron Crow

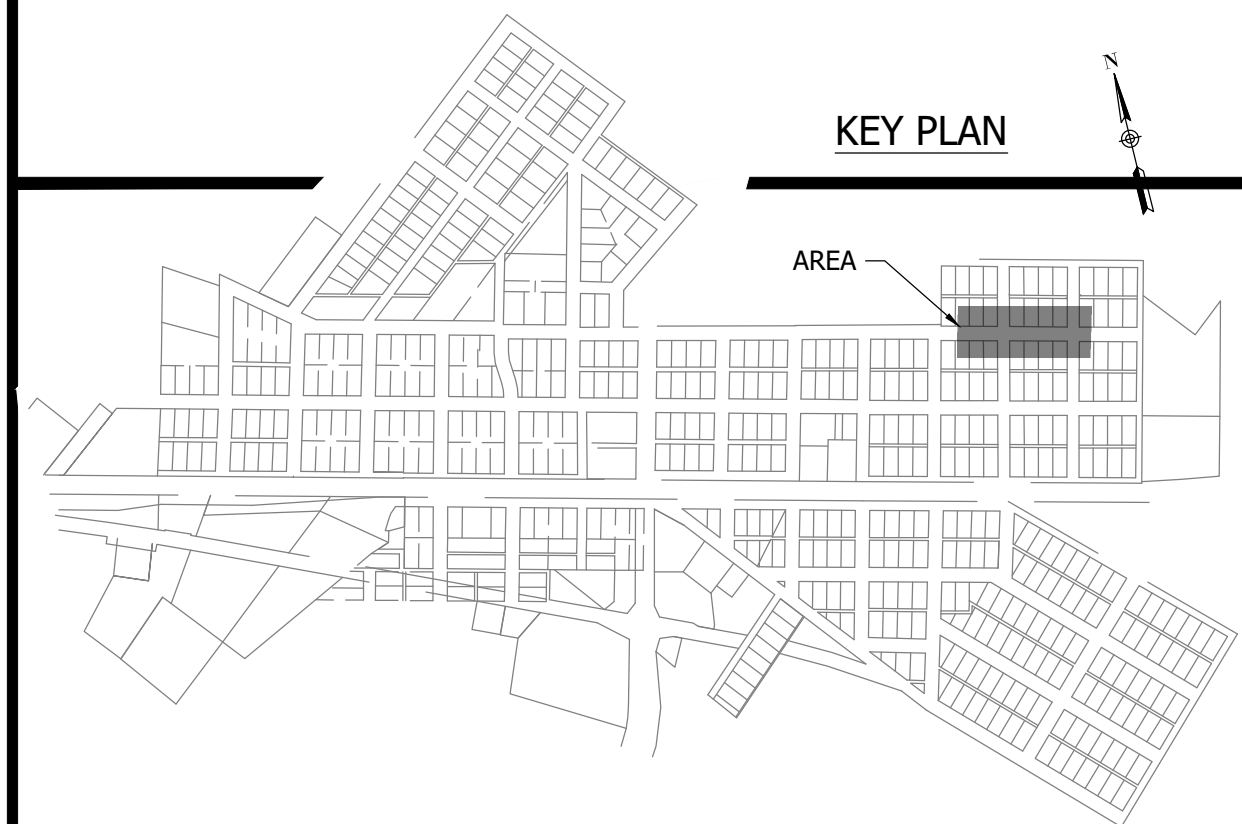
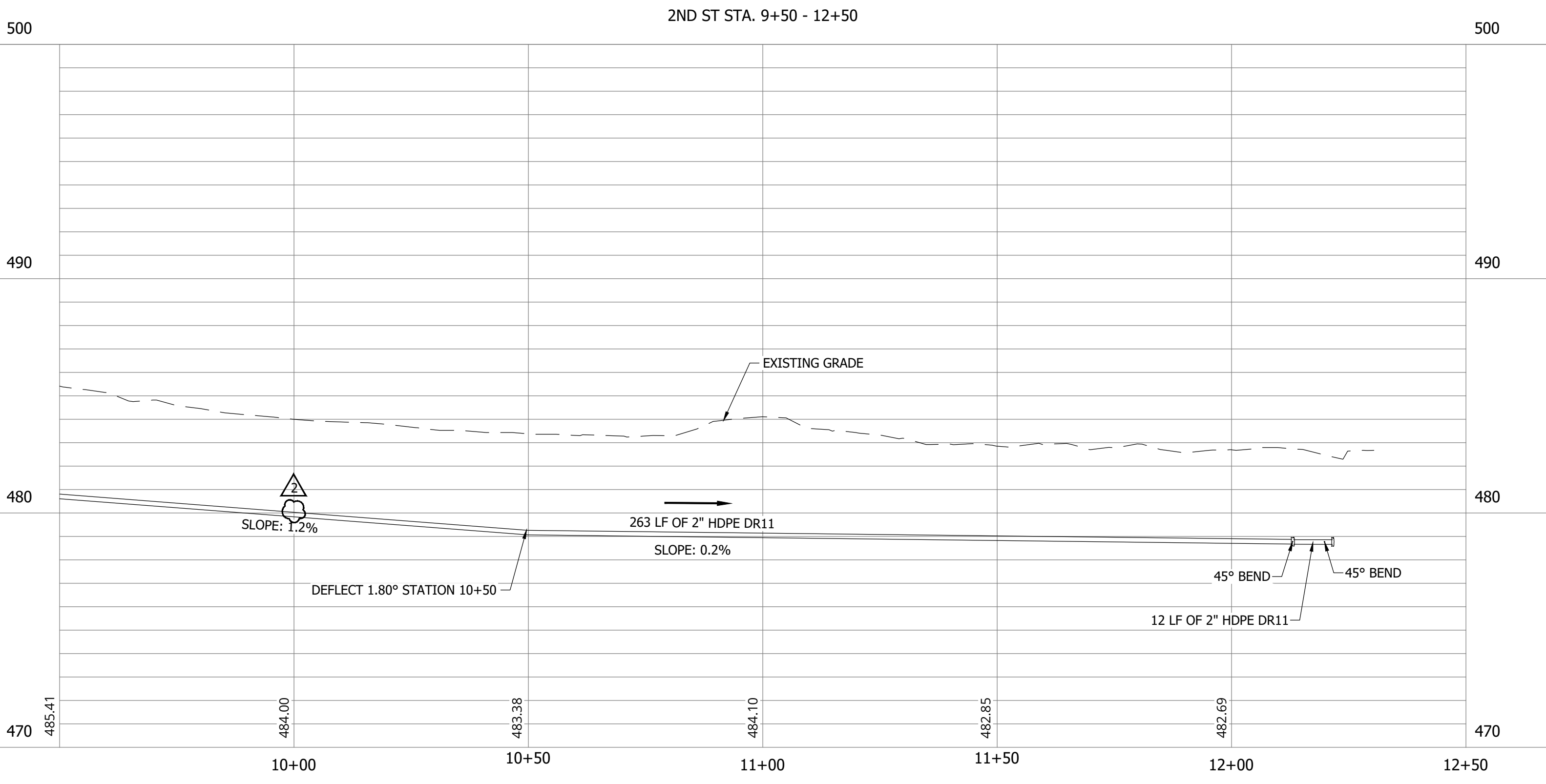


**SANITARY SEWER
 PLAN AND PROFILE**

C122



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



KEY PLAN

AREA

MATCHLINE - SEE SHEET C121

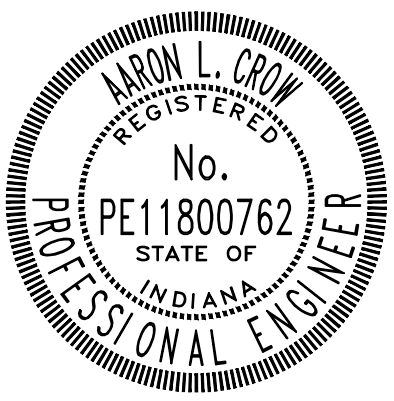
SEE SHEET C124

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

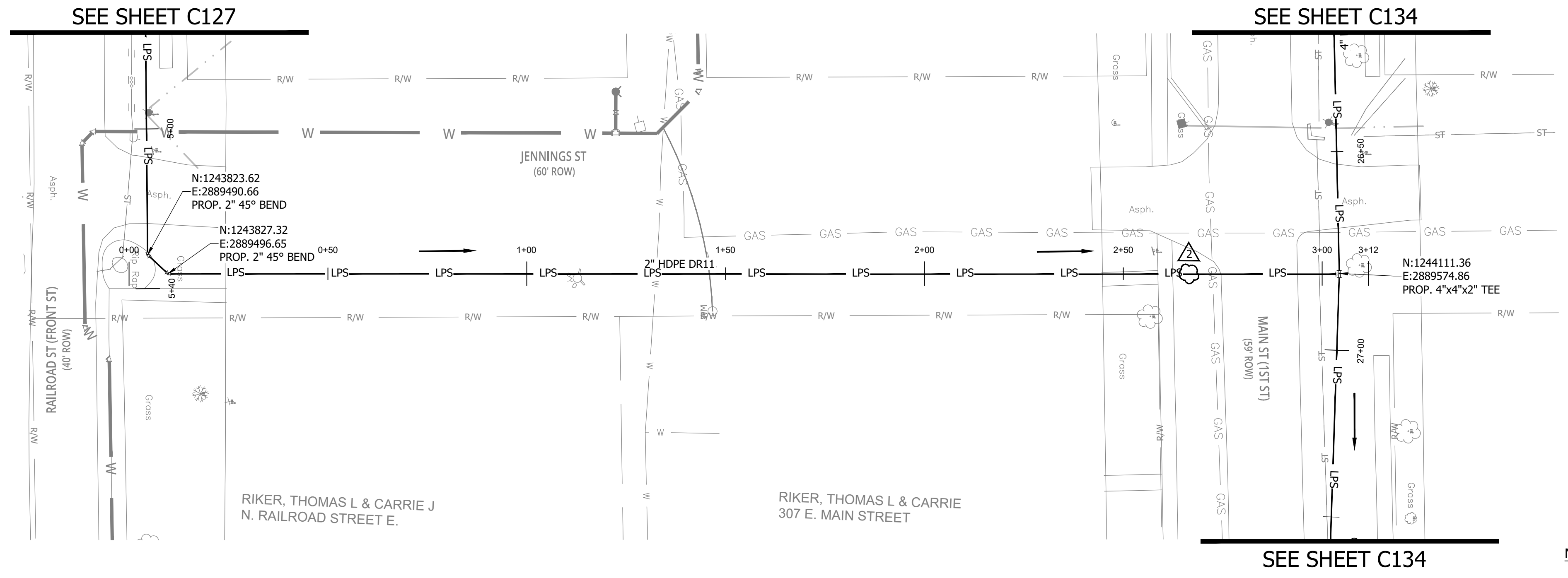


Aaron Crow

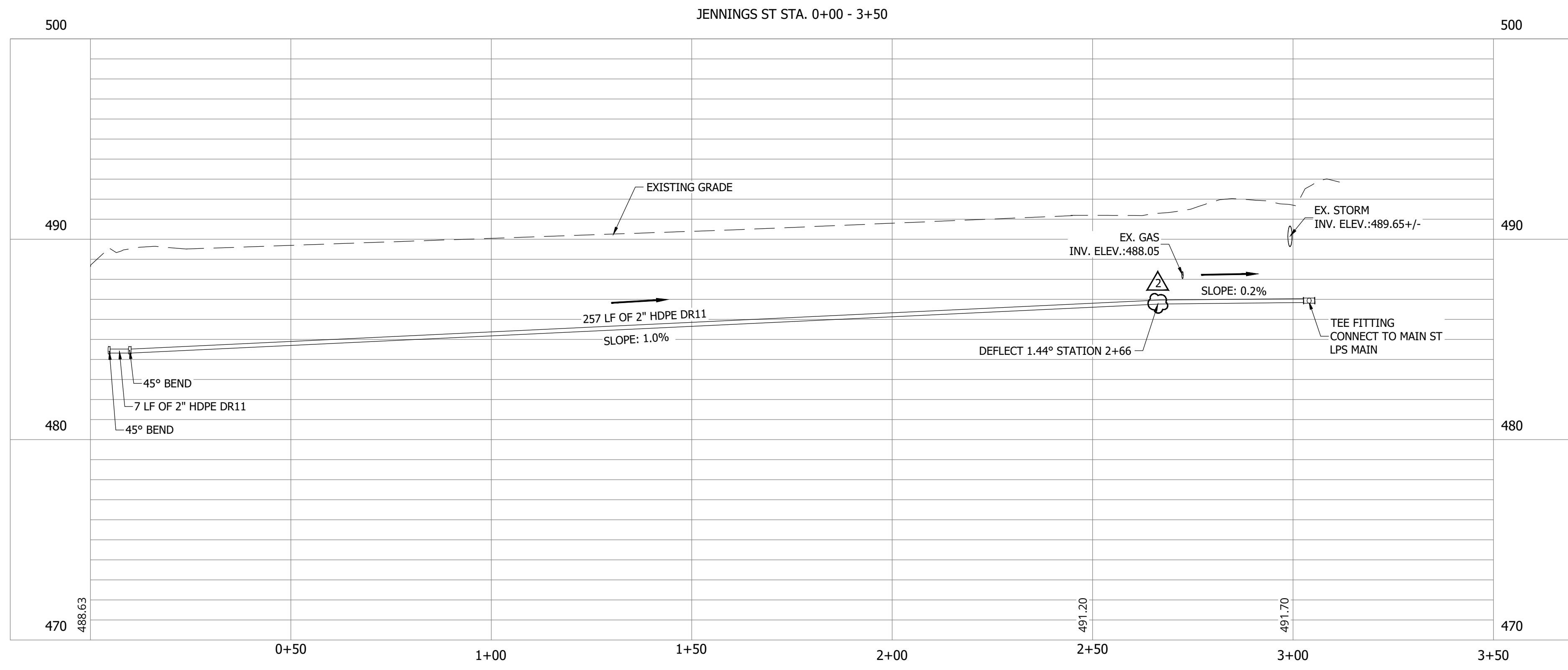
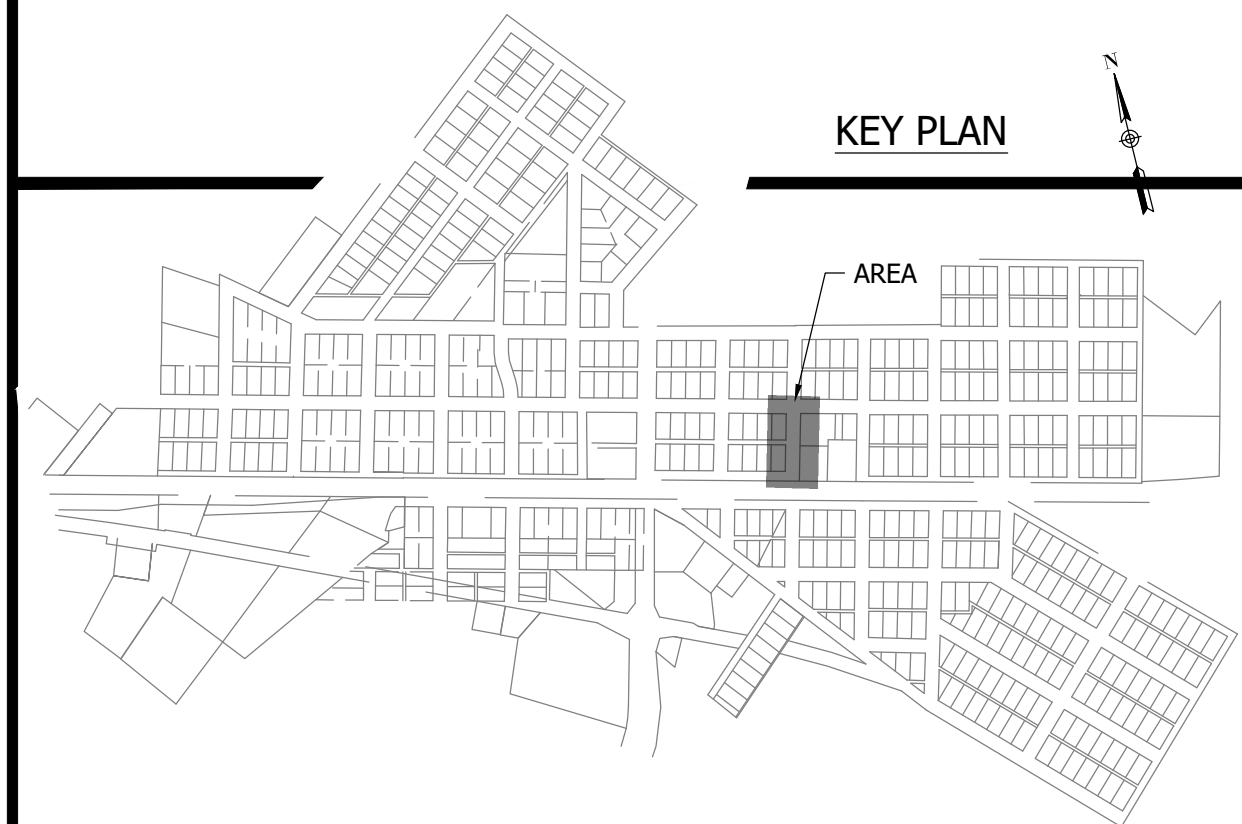


**SANITARY SEWER
 PLAN AND PROFILE**

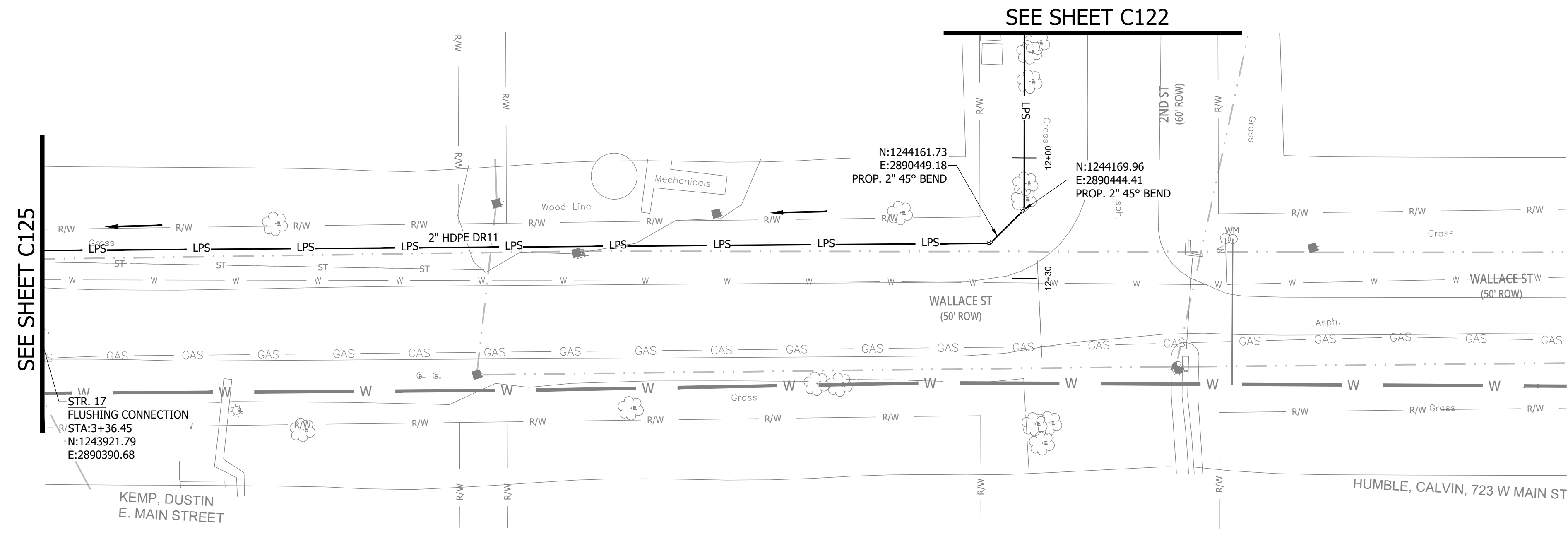
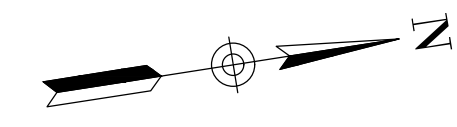
C123



- NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:00 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C116.SANITARY SEWER PLAN AND PROFILES.DWG



SEE SHEET C125

SEE SHEET C122

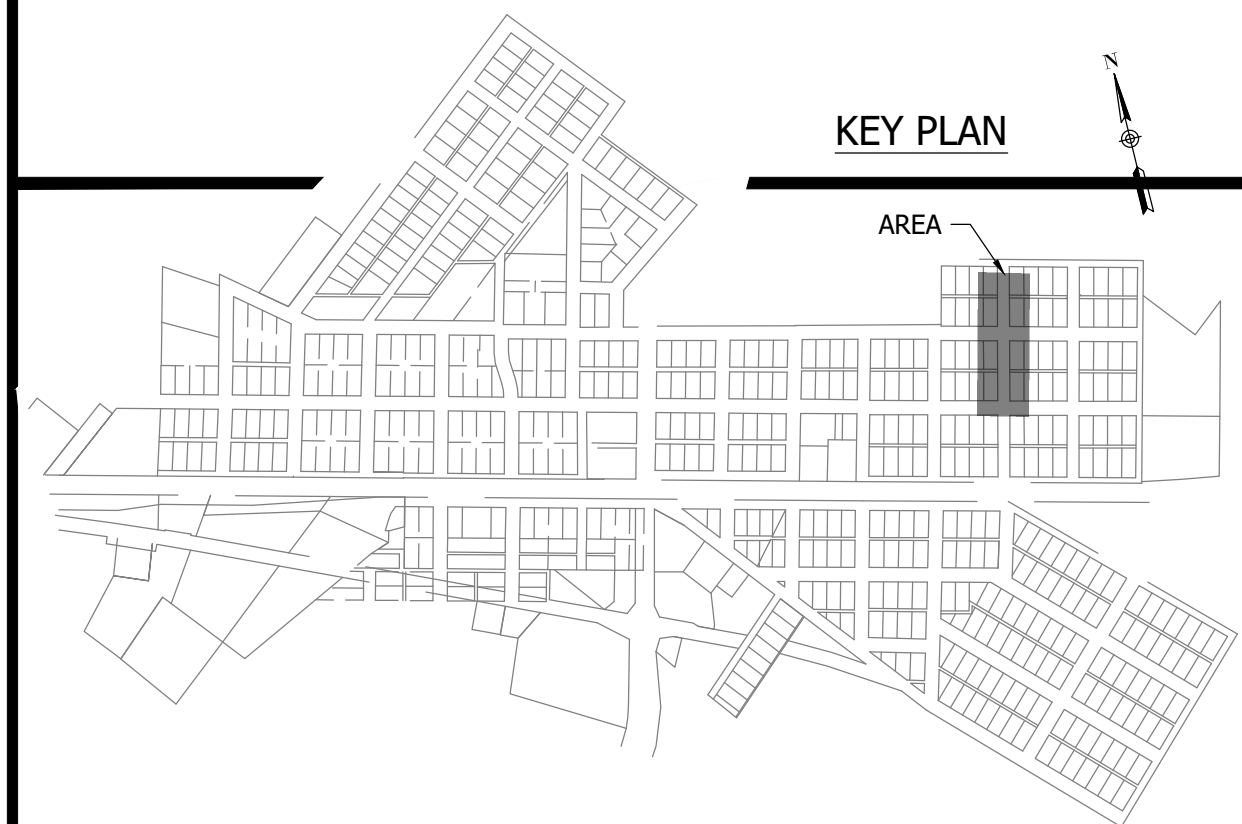
STR. 17
FLUSHING CONNECTION
R STA: 3+36.45
N: 1243921.79
E: 2890390.68

N: 1244161.73
E: 2890449.18
PROP. 2" 45° BEND

N: 1244169.96
E: 2890444.41
PROP. 2" 45° BEND

KEMP, DUSTIN
E. MAIN STREET

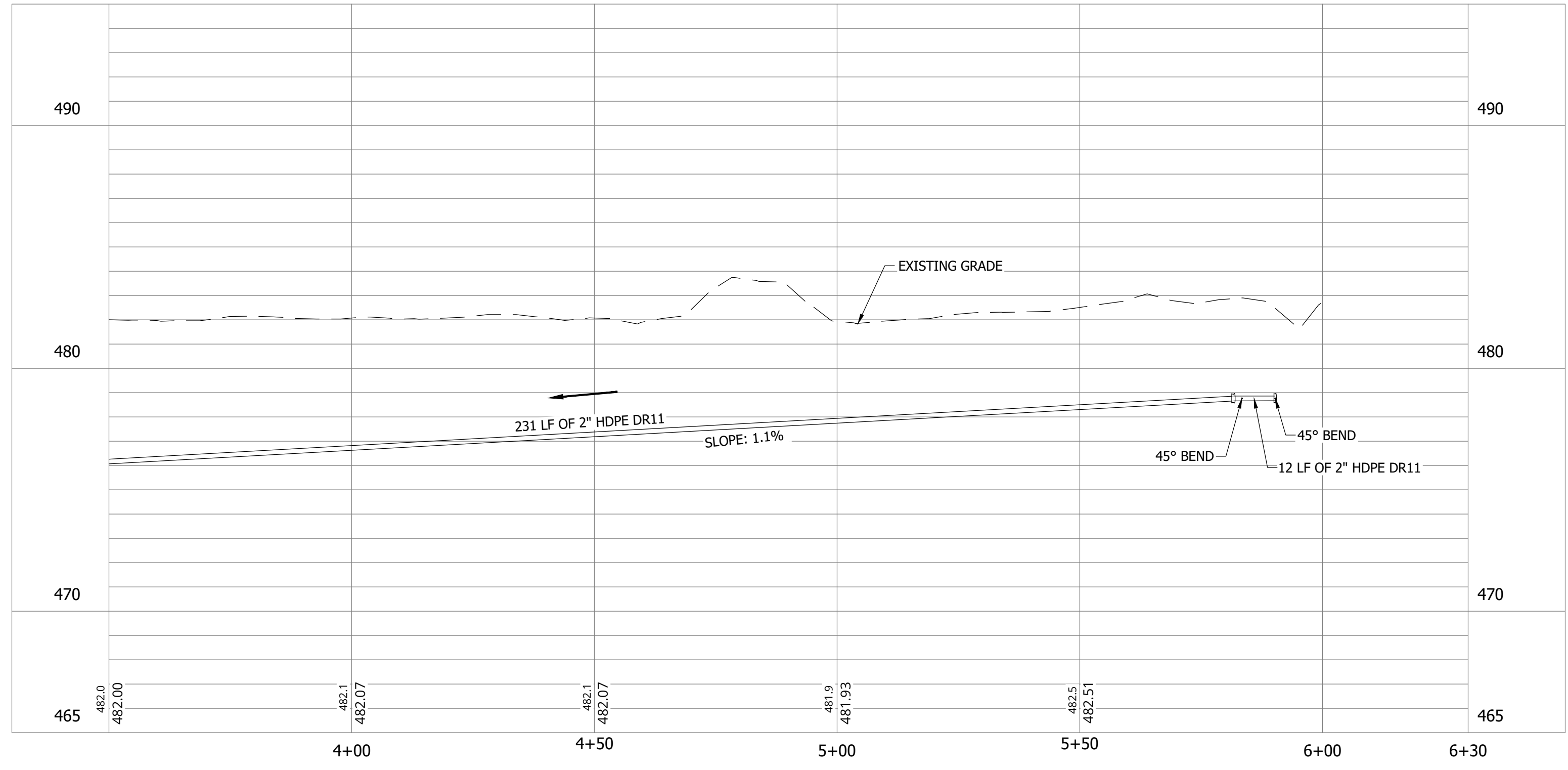
HUMBLE, CALVIN, 723 W MAIN ST



KEY PLAN

NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

PV - (7)



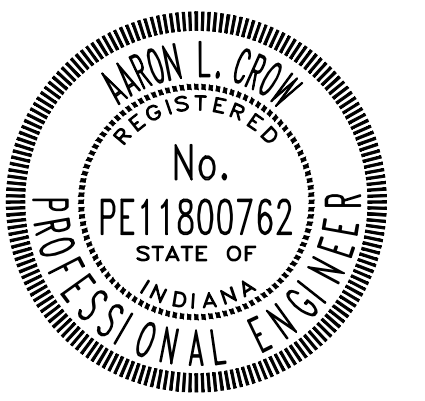
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



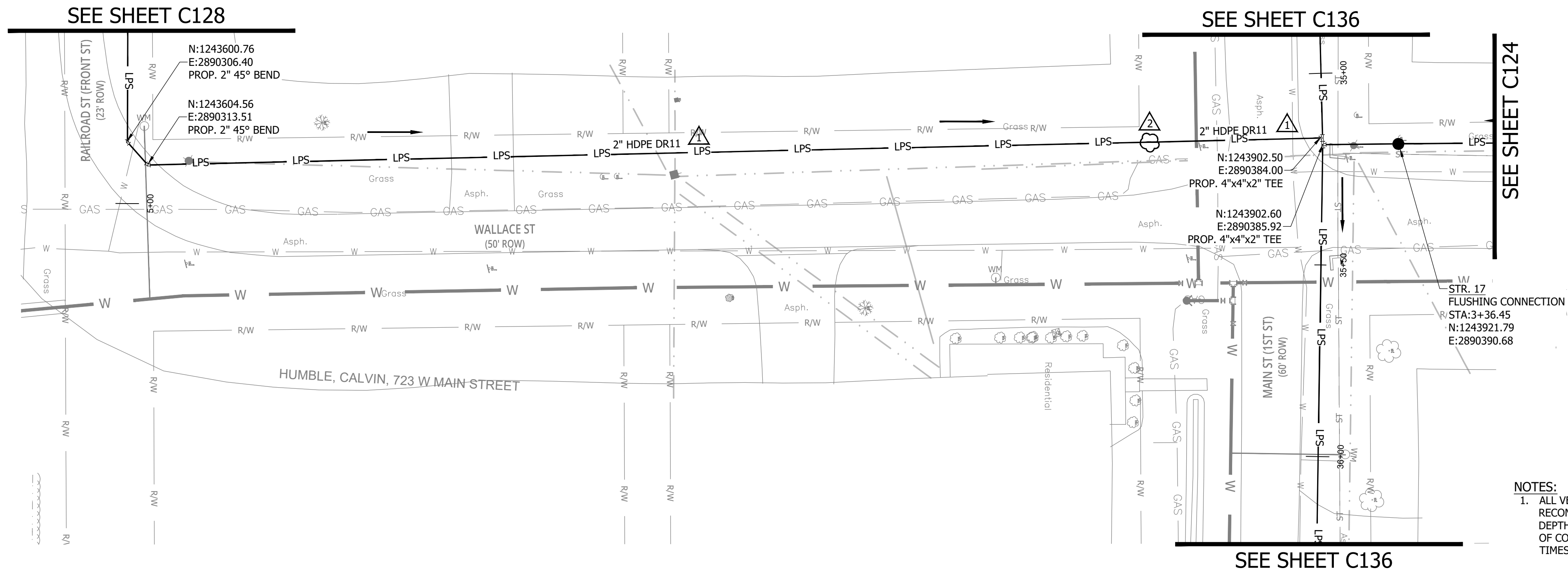
**SANITARY SEWER
PLAN AND PROFILE**

C124

WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM

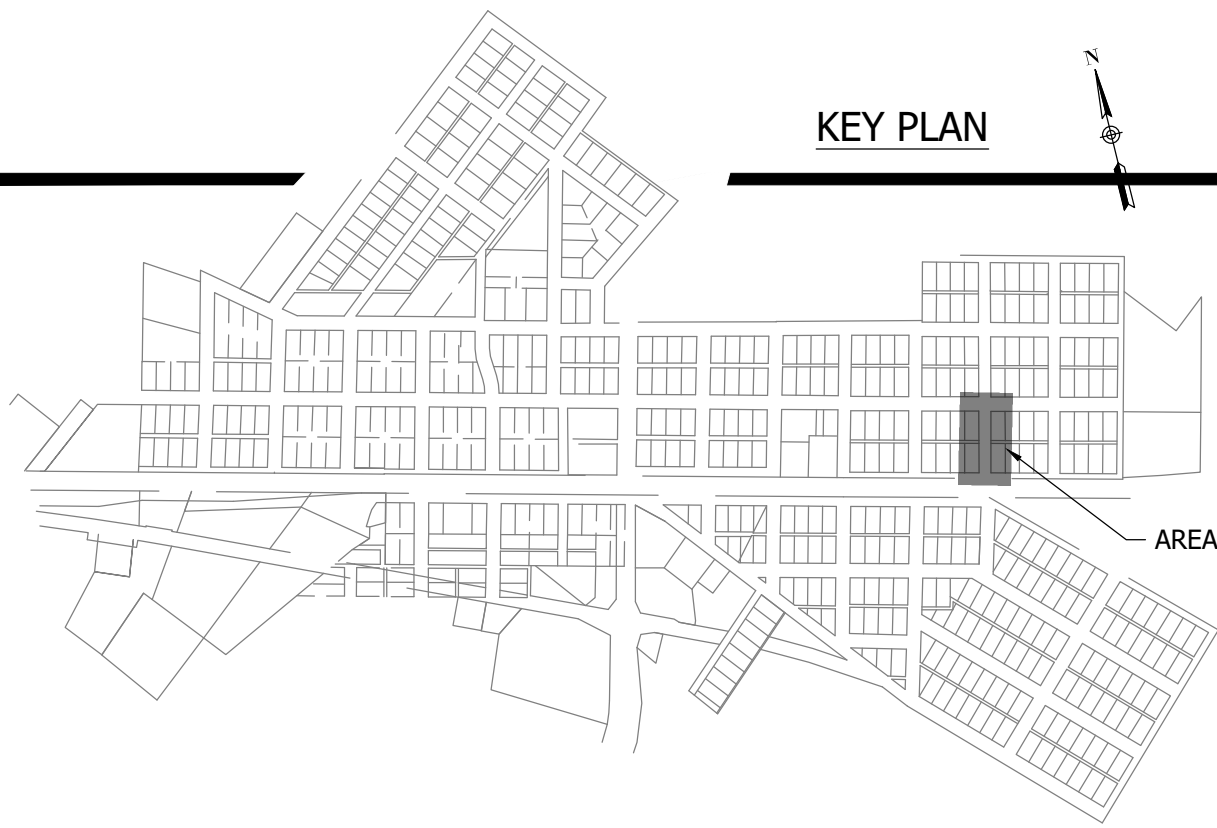
WHEATLAND, IN 47597

CONSTRUCTION PLANS

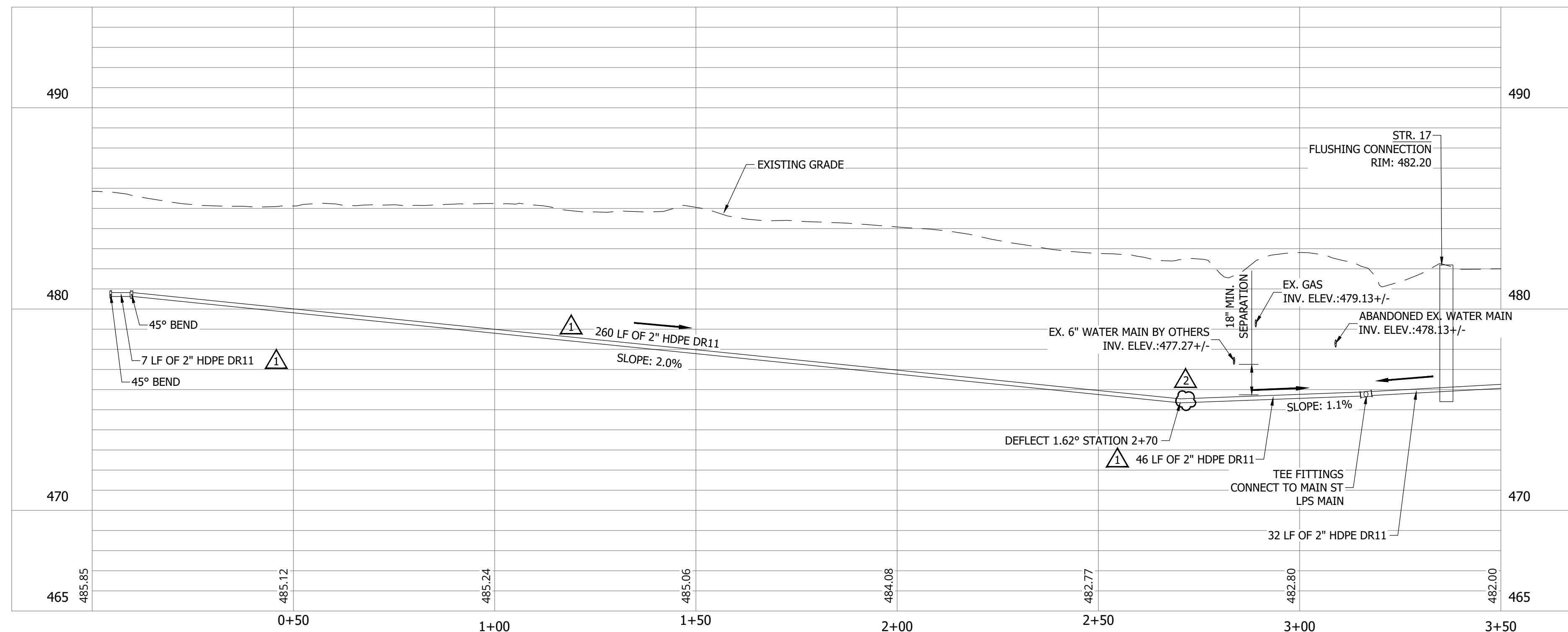


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

KEY PLAN

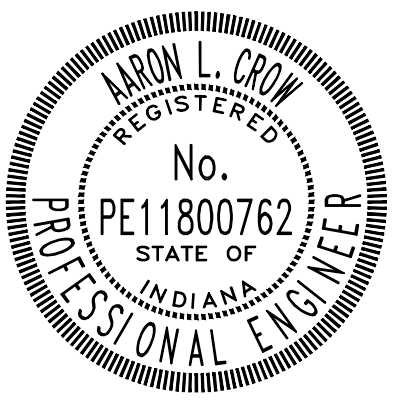


WALLACE ST (B) STA. 0+00 - 3+50 (1)



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow

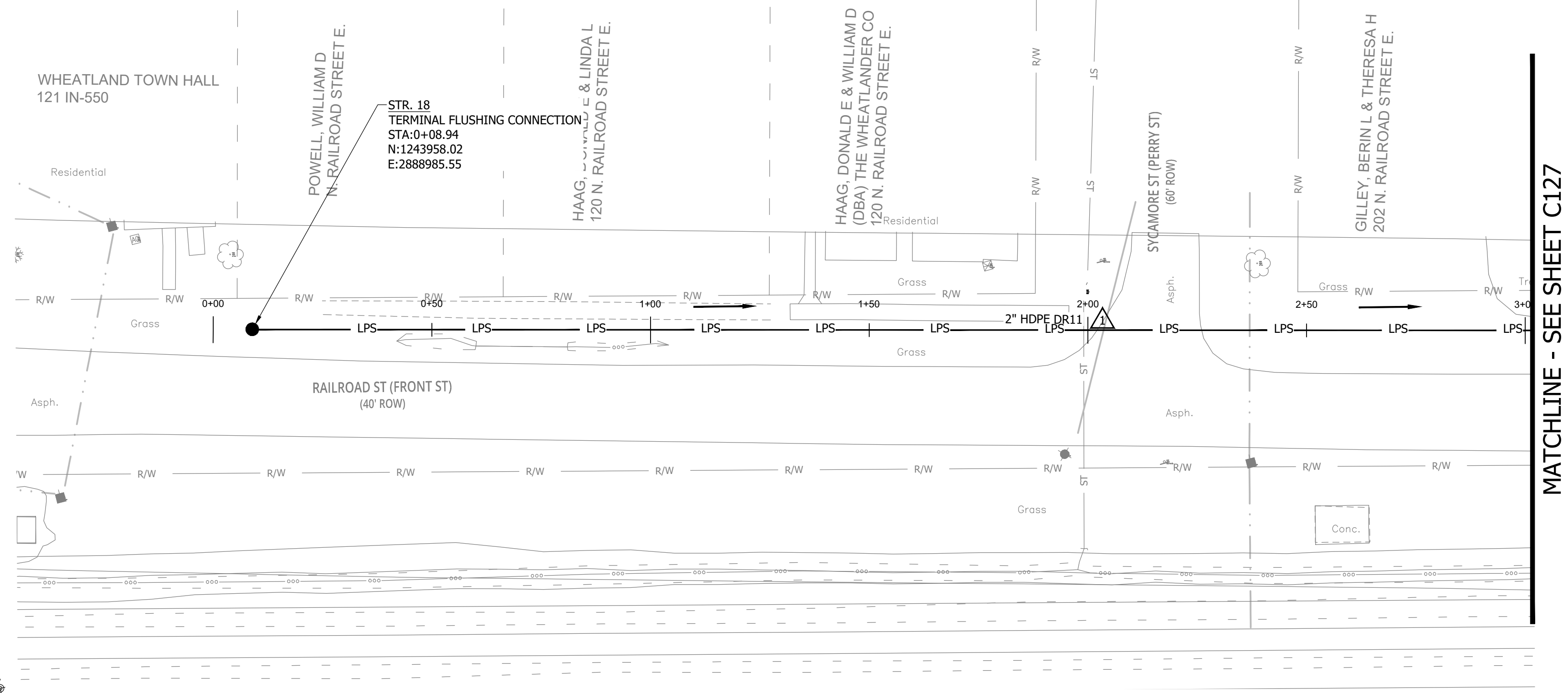


SANITARY SEWER
PLAN AND PROFILE

C125

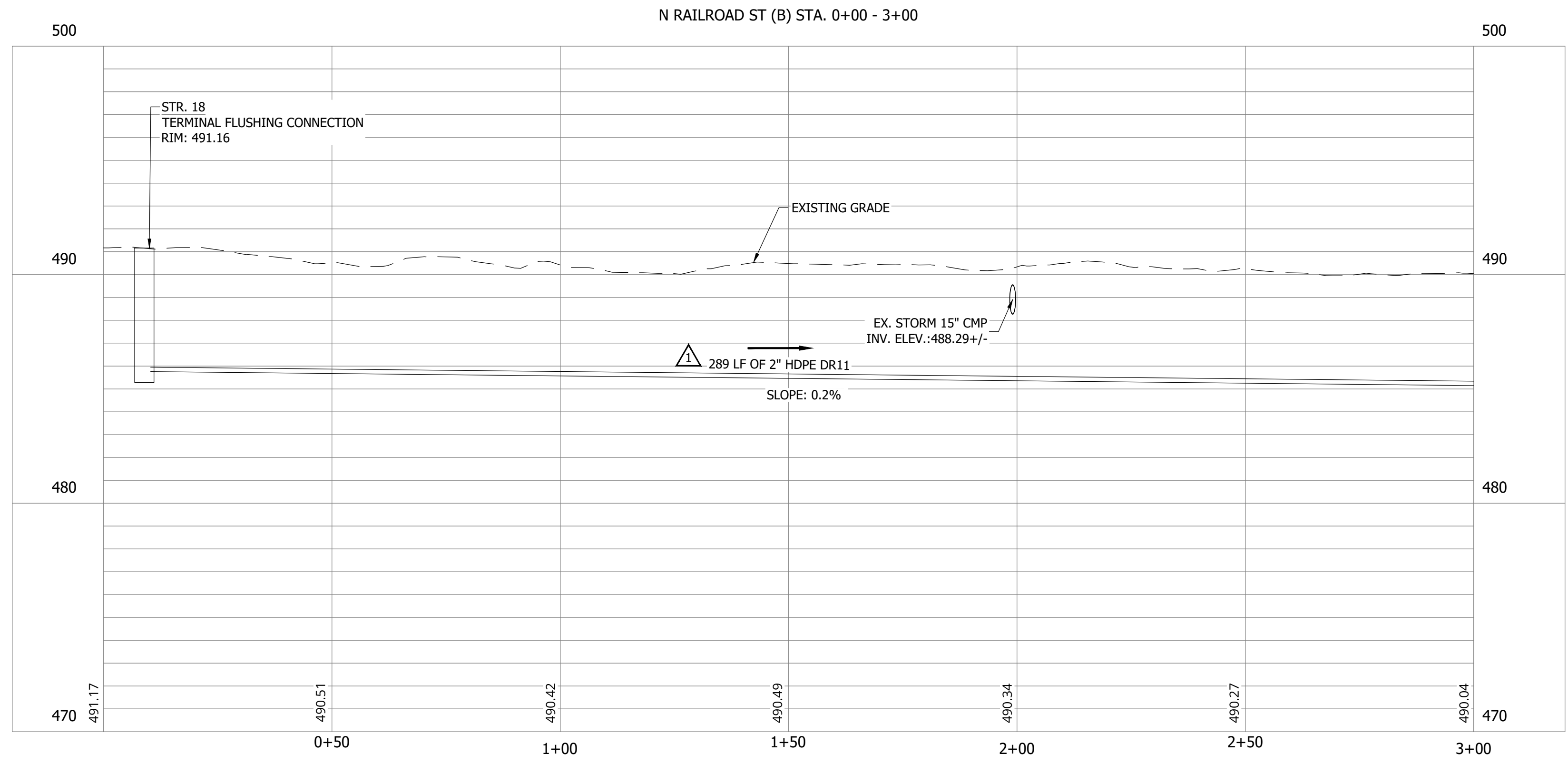
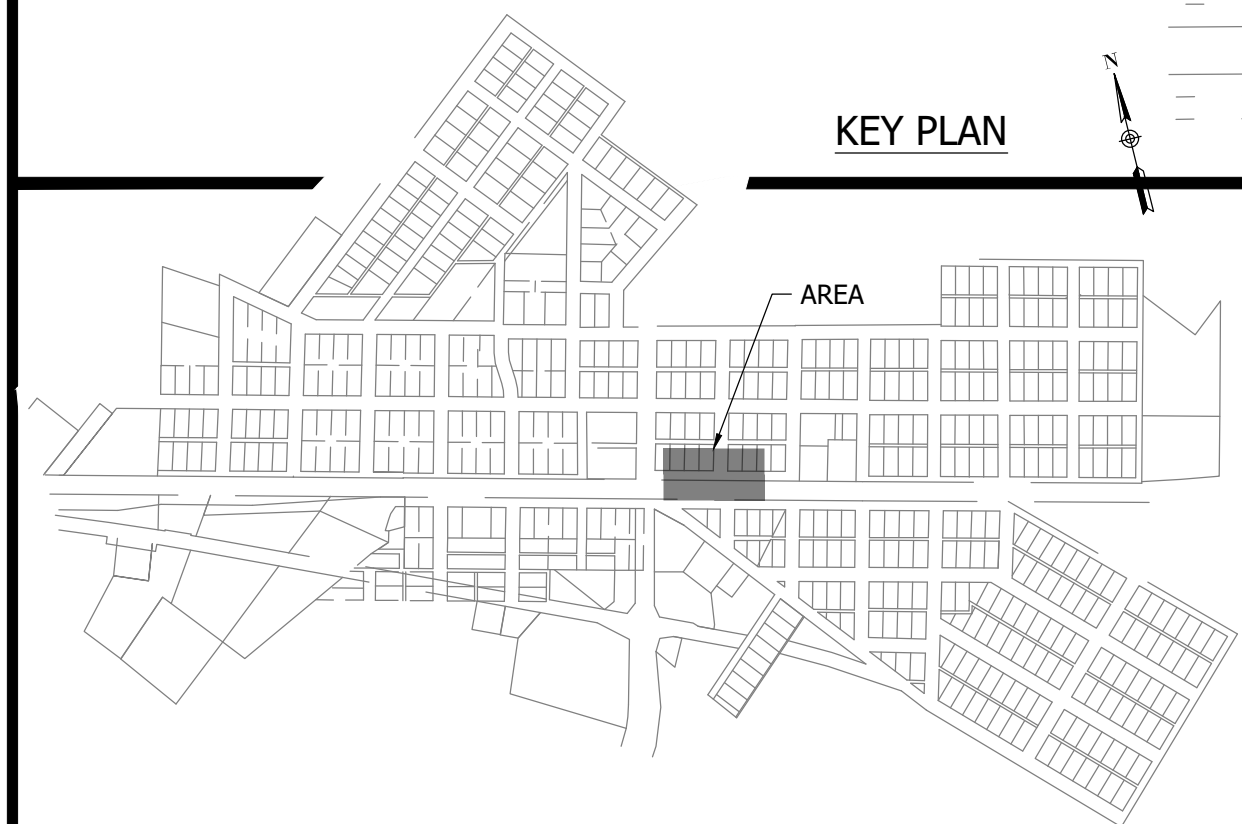
CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597



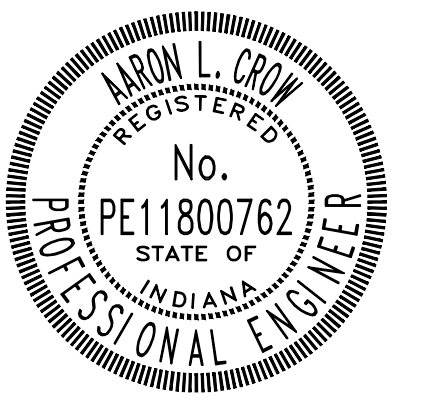
MATCHLINE - SEE SHEET C127

NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

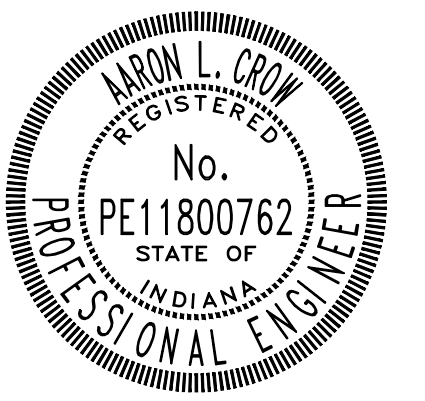
C126

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

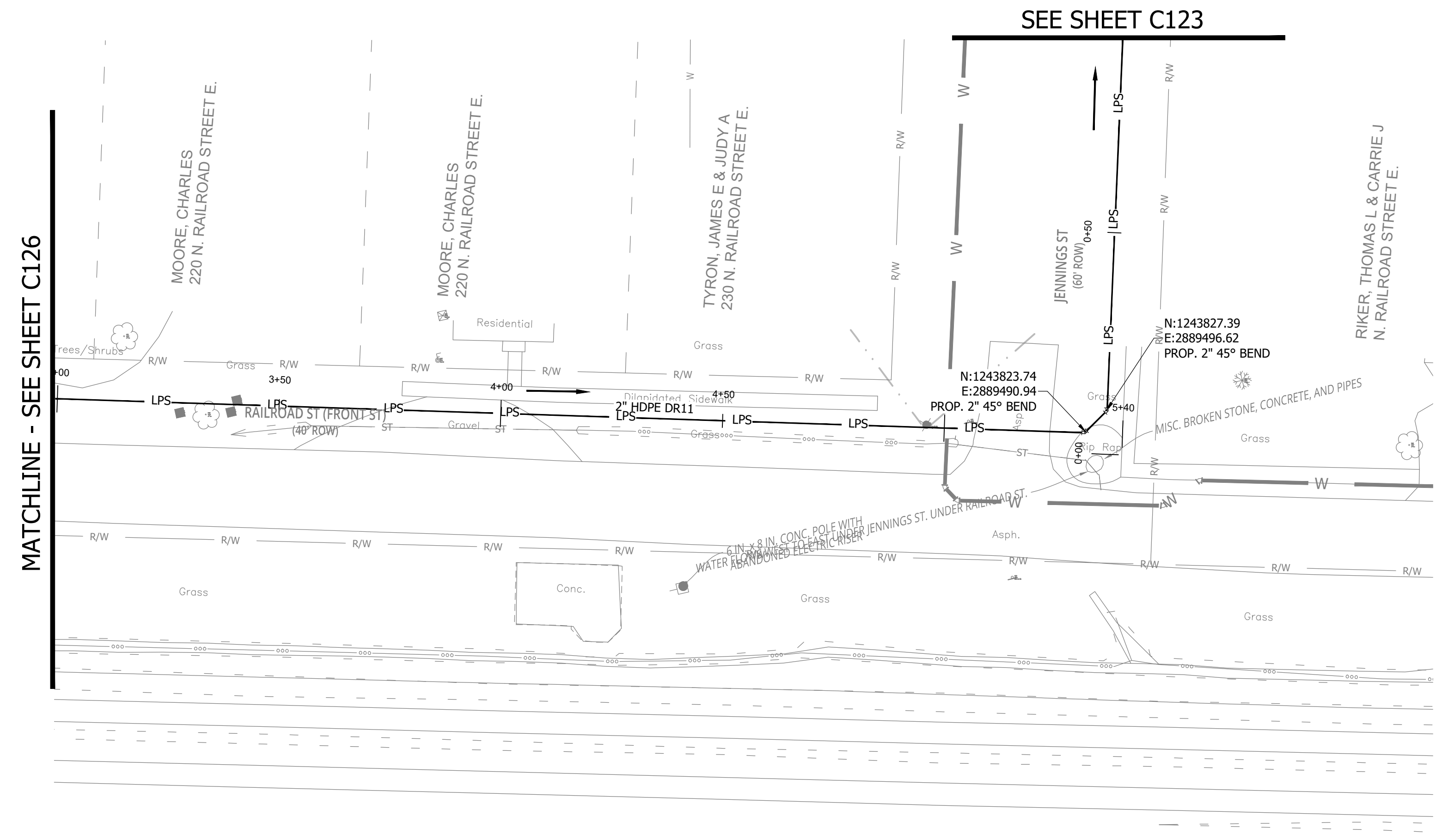
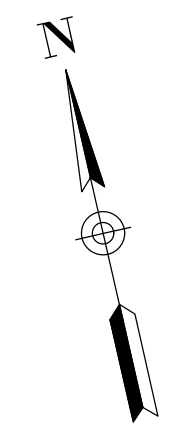


Aaron Crow



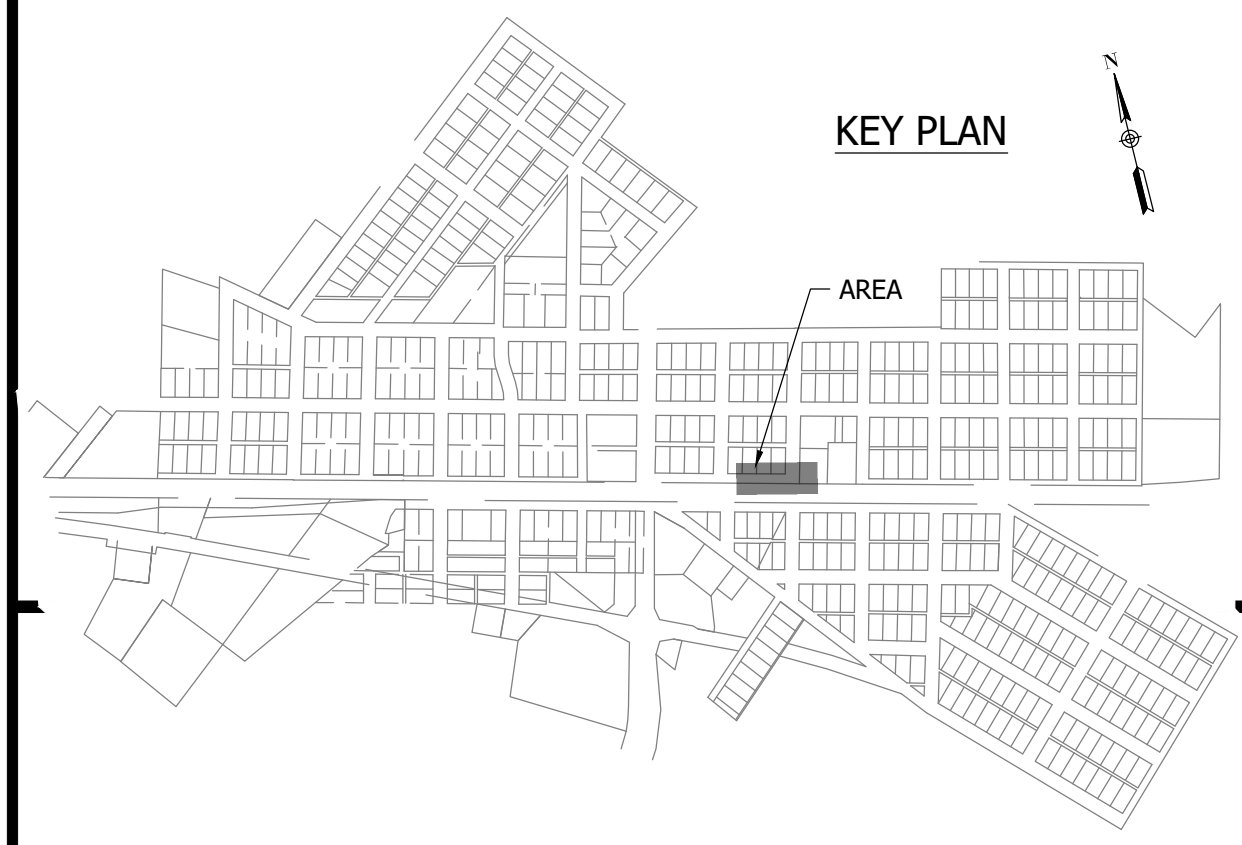
**SANITARY SEWER
 PLAN AND PROFILE**

C127



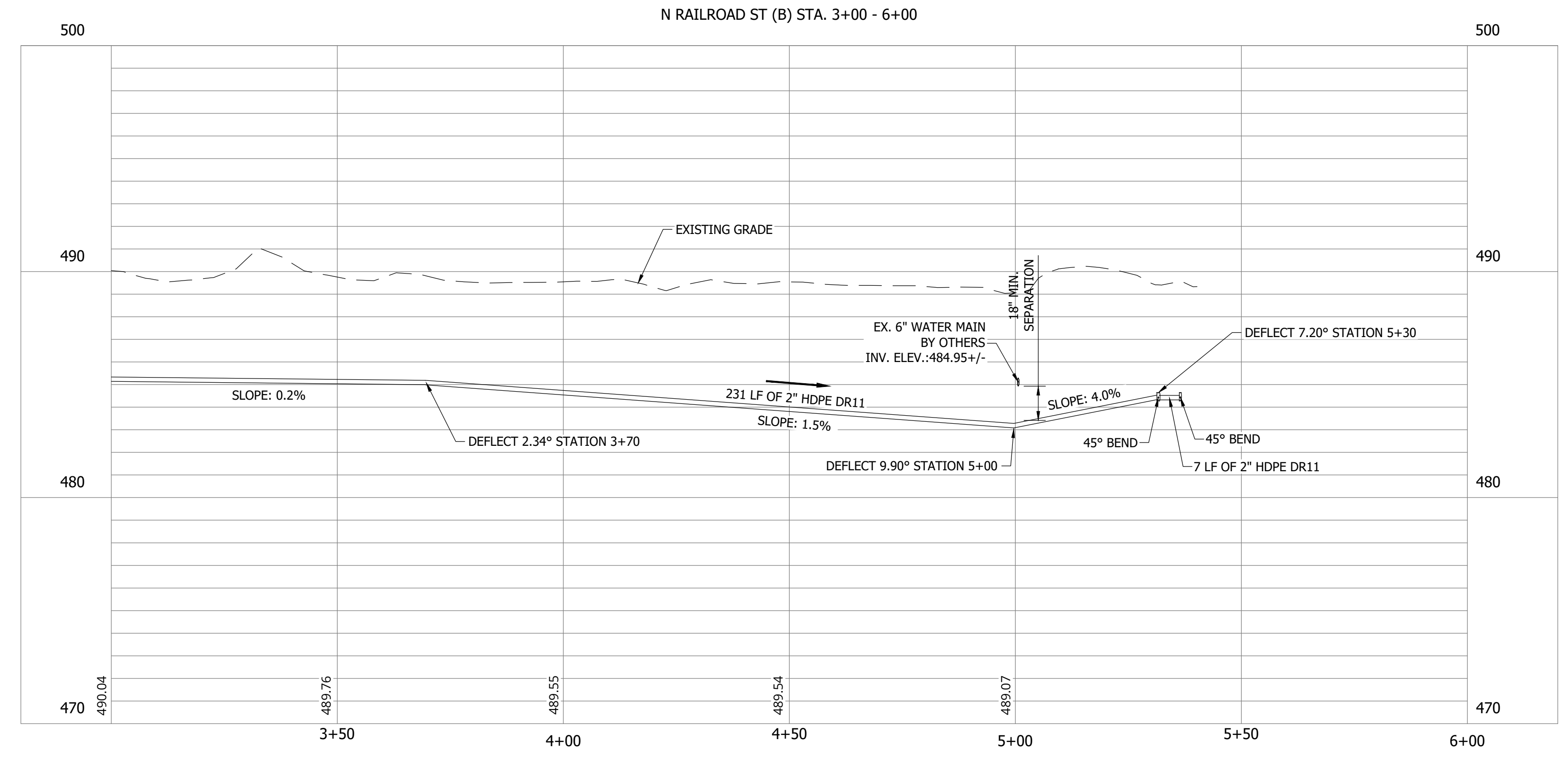
MATCHLINE - SEE SHEET C126

SEE SHEET C123



KEY PLAN

NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

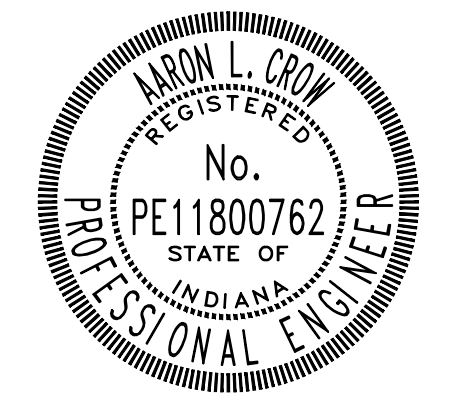
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

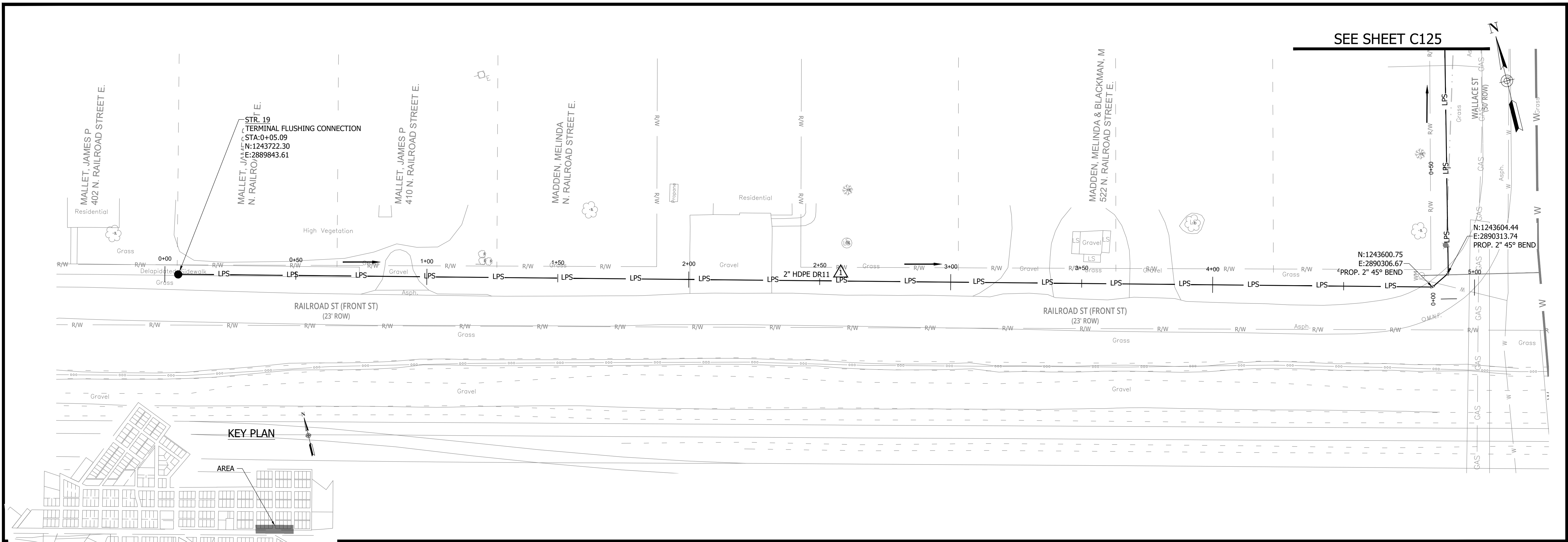


Aaron Crow



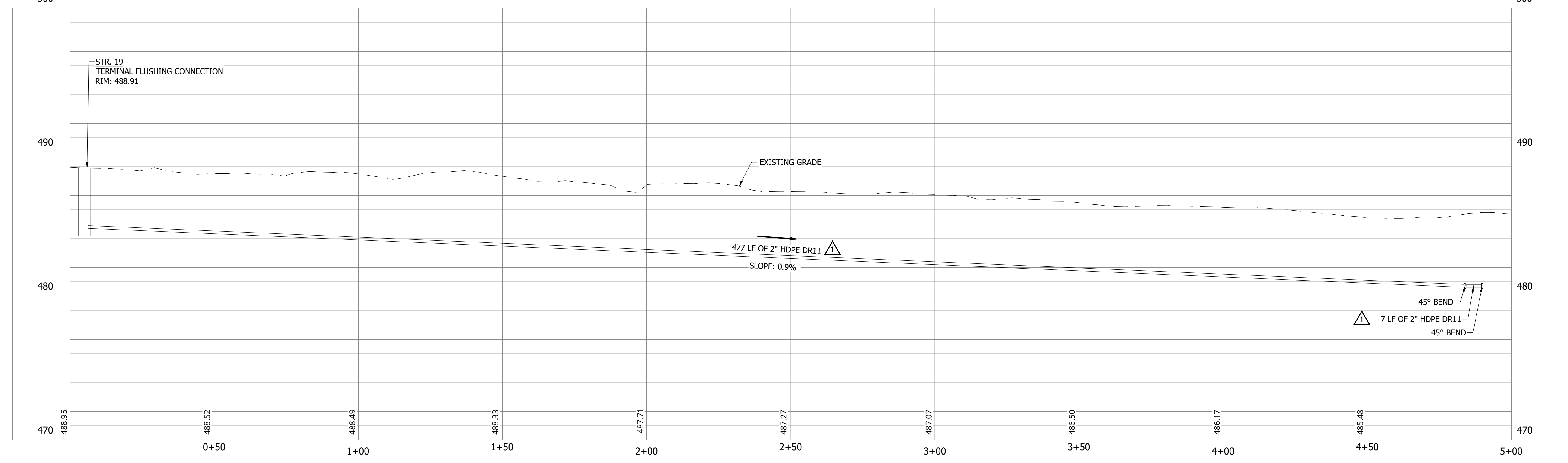
**SANITARY SEWER
PLAN AND PROFILE**

C128



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

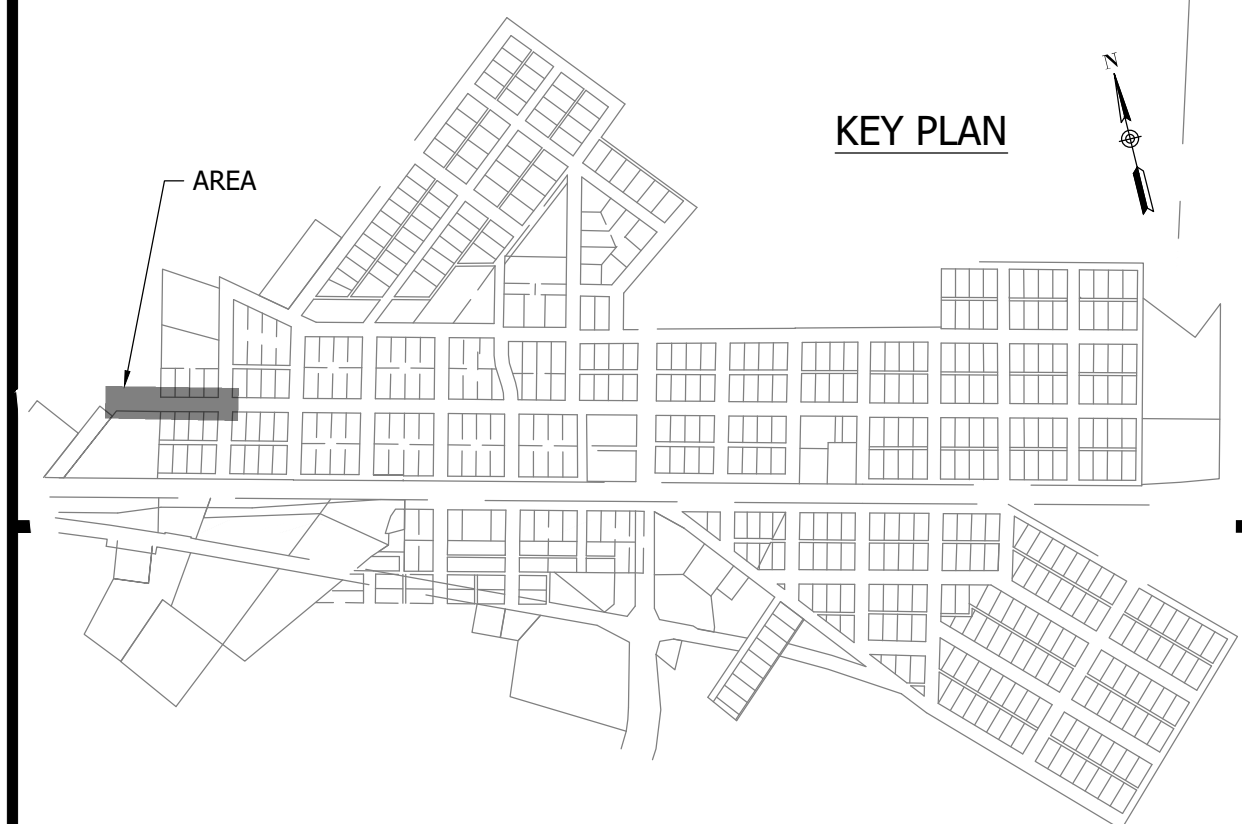
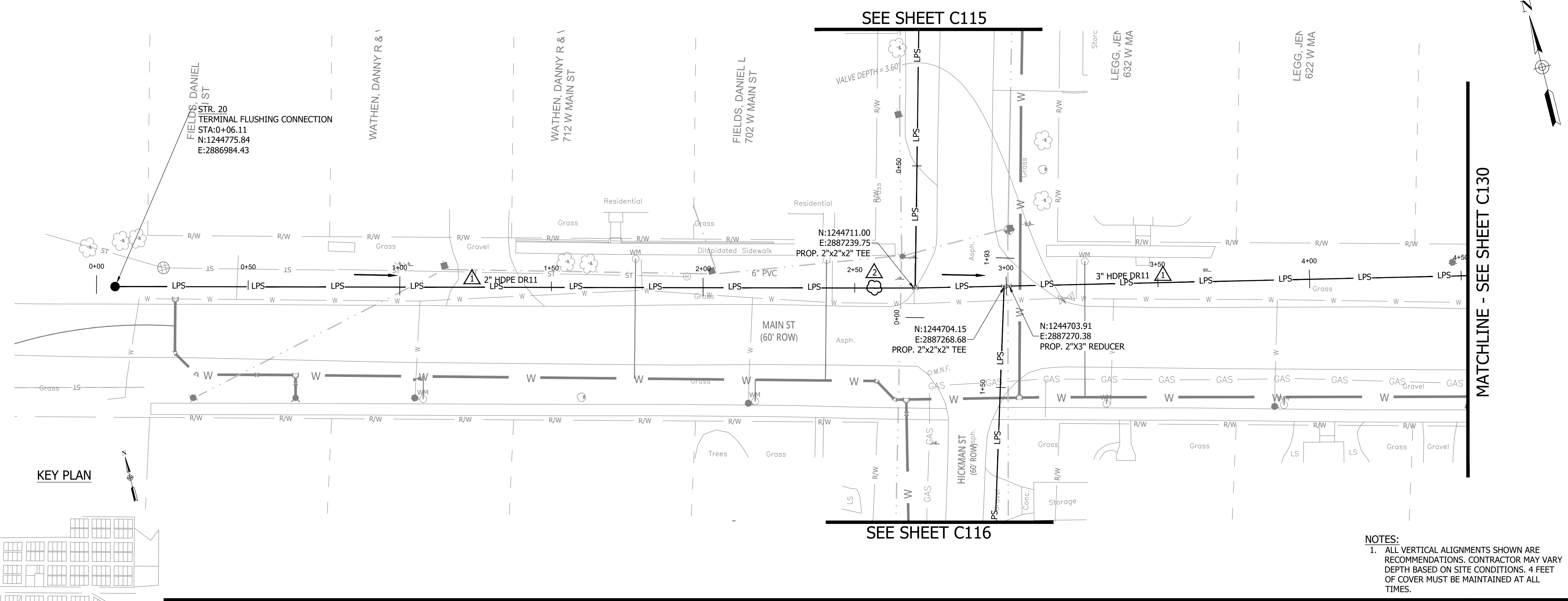
N RAILROAD ST (C) STA. 0+00 - 5+00



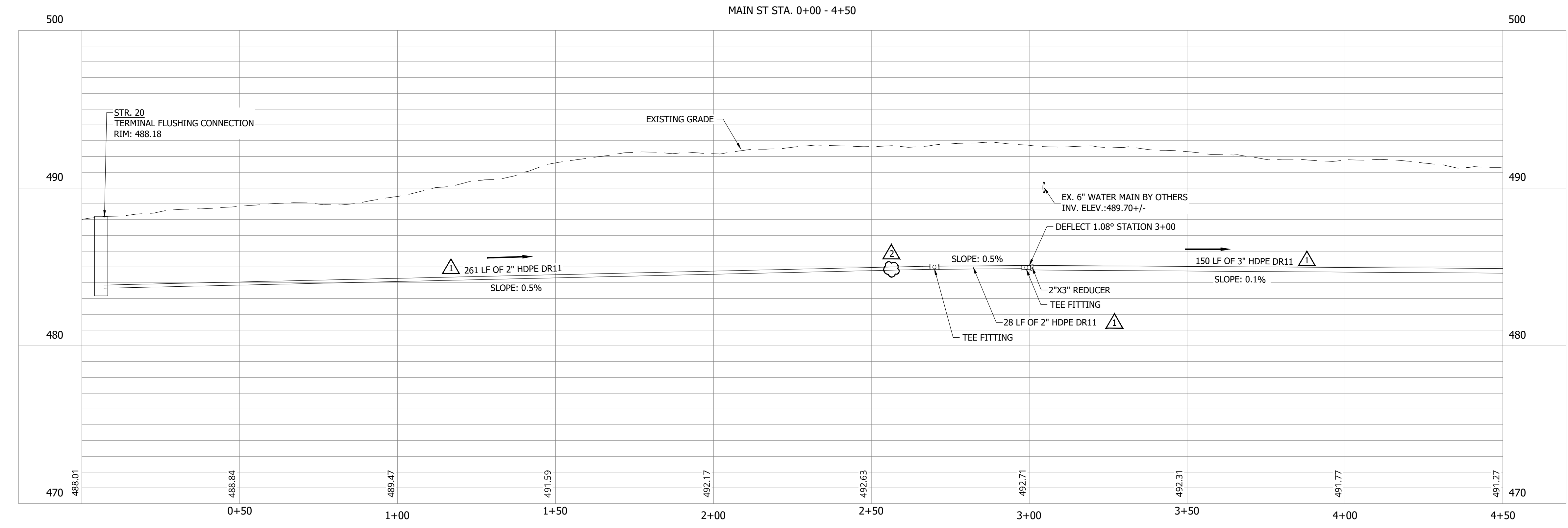
PRINT DATE: 9/27/23
PLOT SCALE: 1:186.91
EDIT DATE: 9/27/23 - 12:02 PM
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C128 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

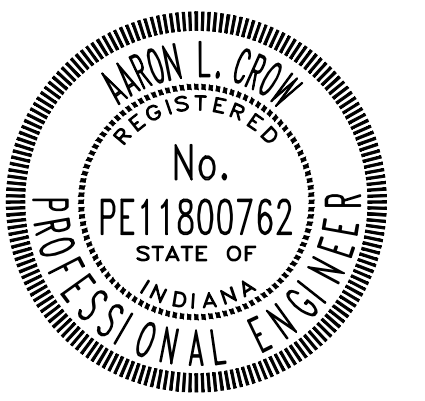


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

C129

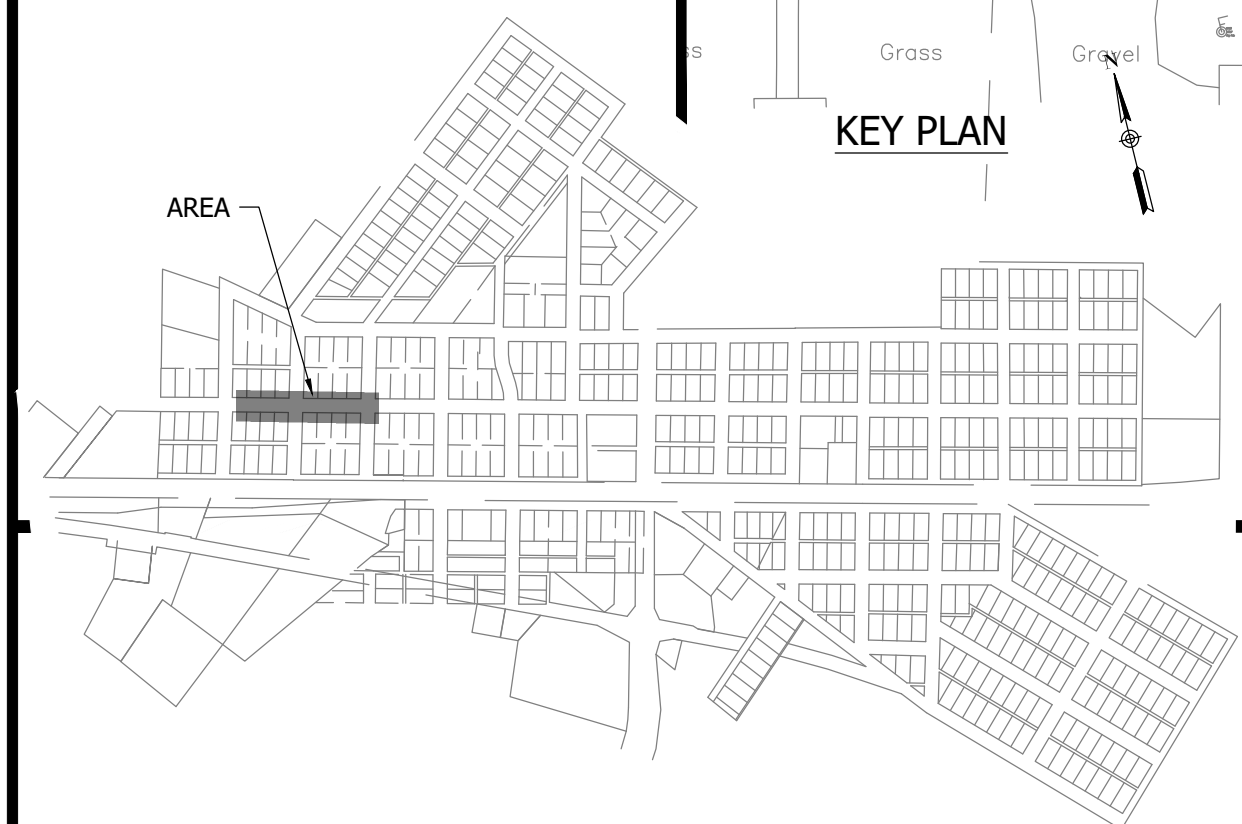
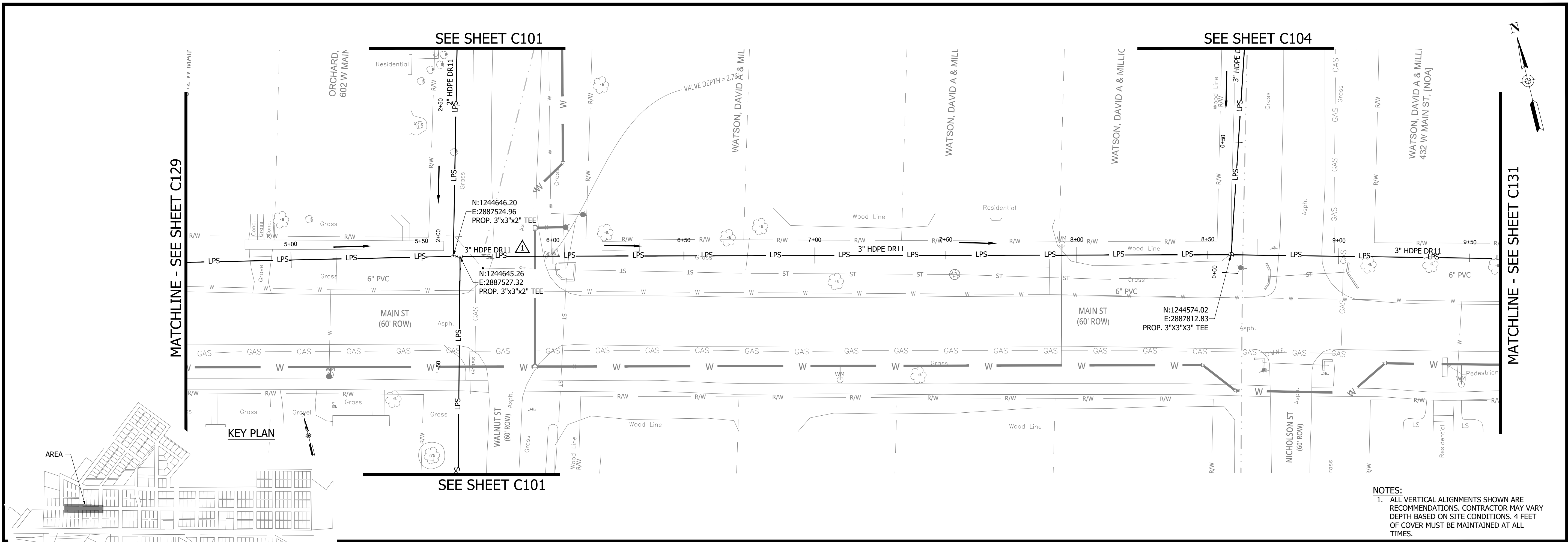
PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

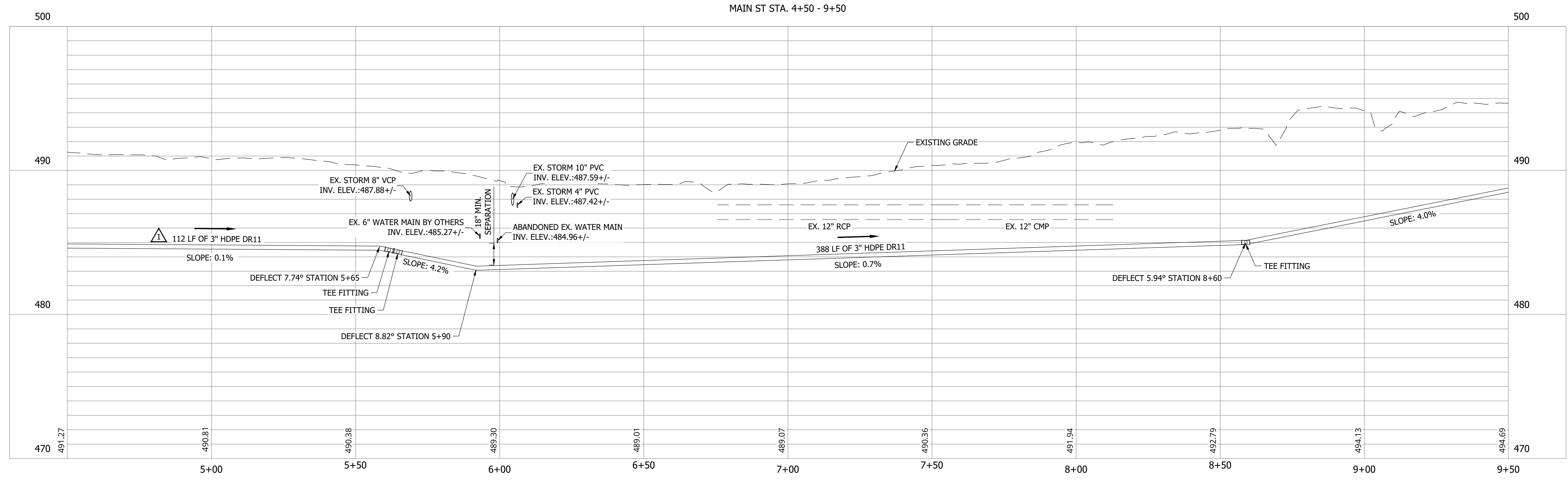
**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

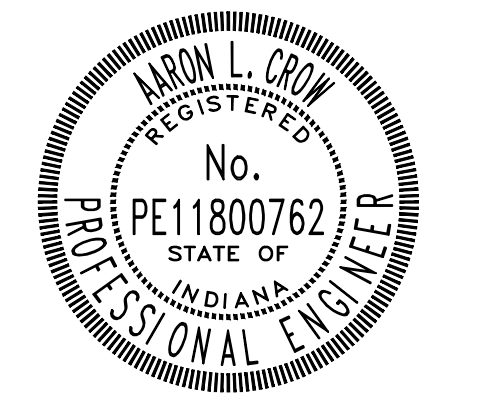


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



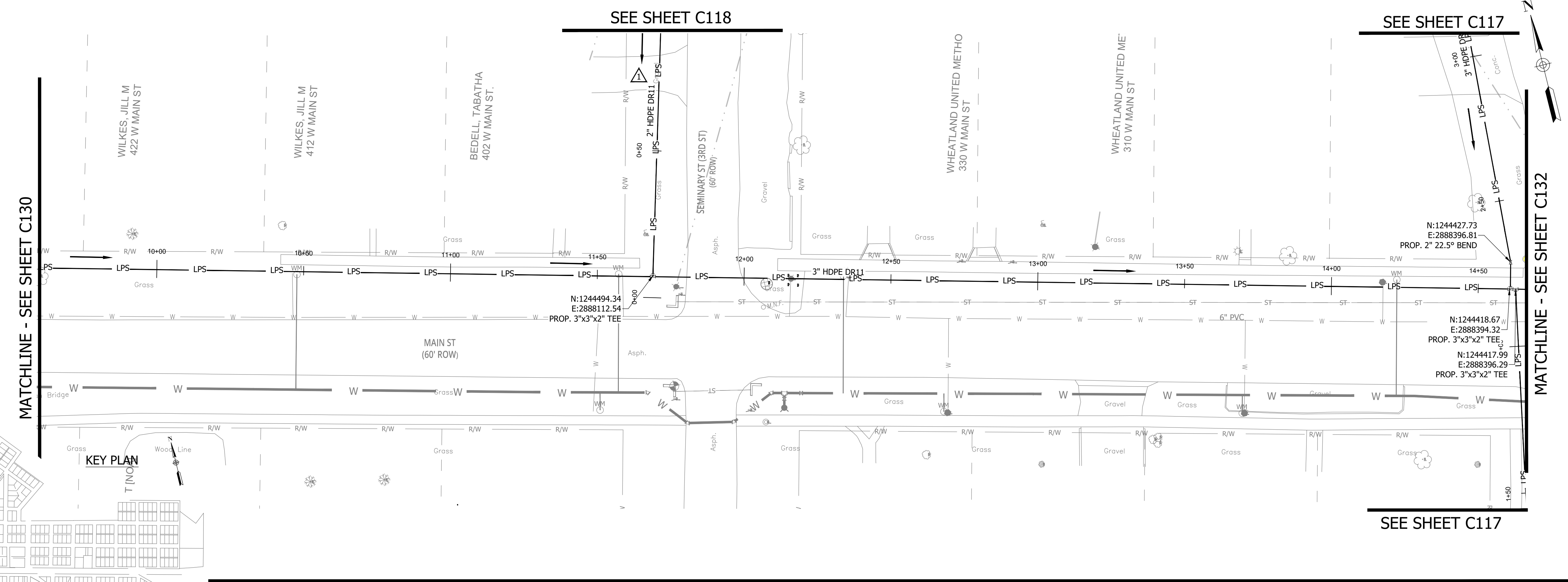
**SANITARY SEWER
PLAN AND PROFILE**

C130

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

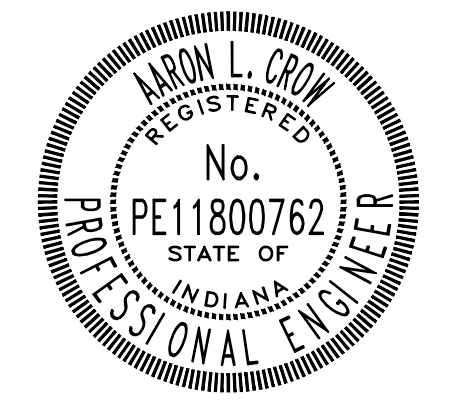
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023

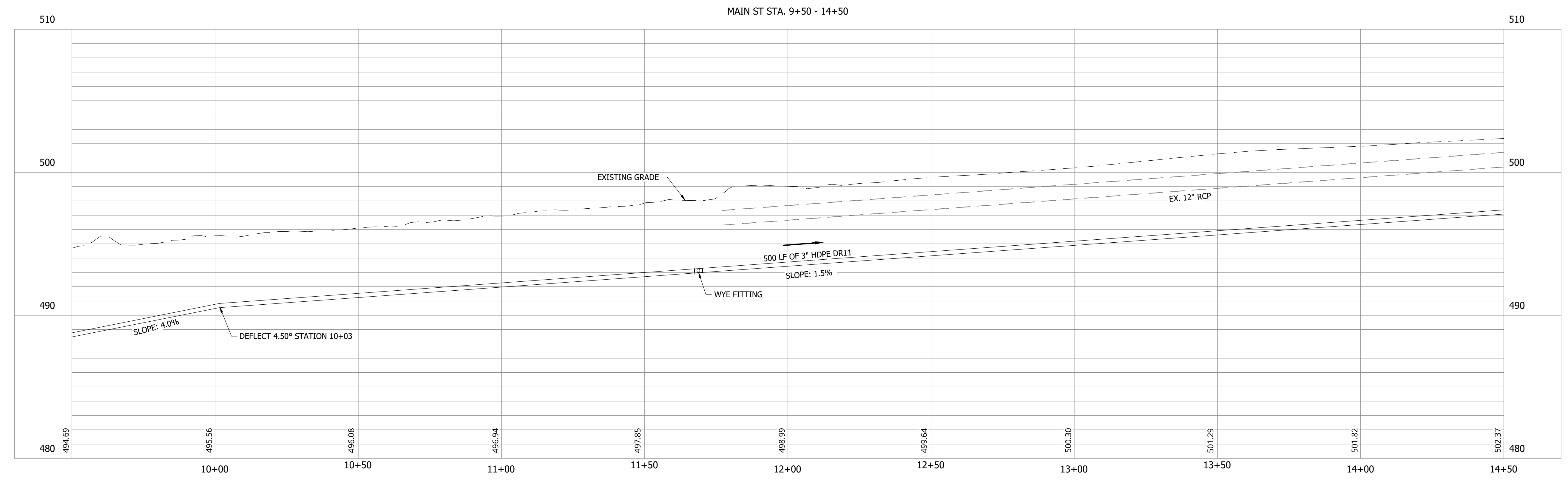


Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C131

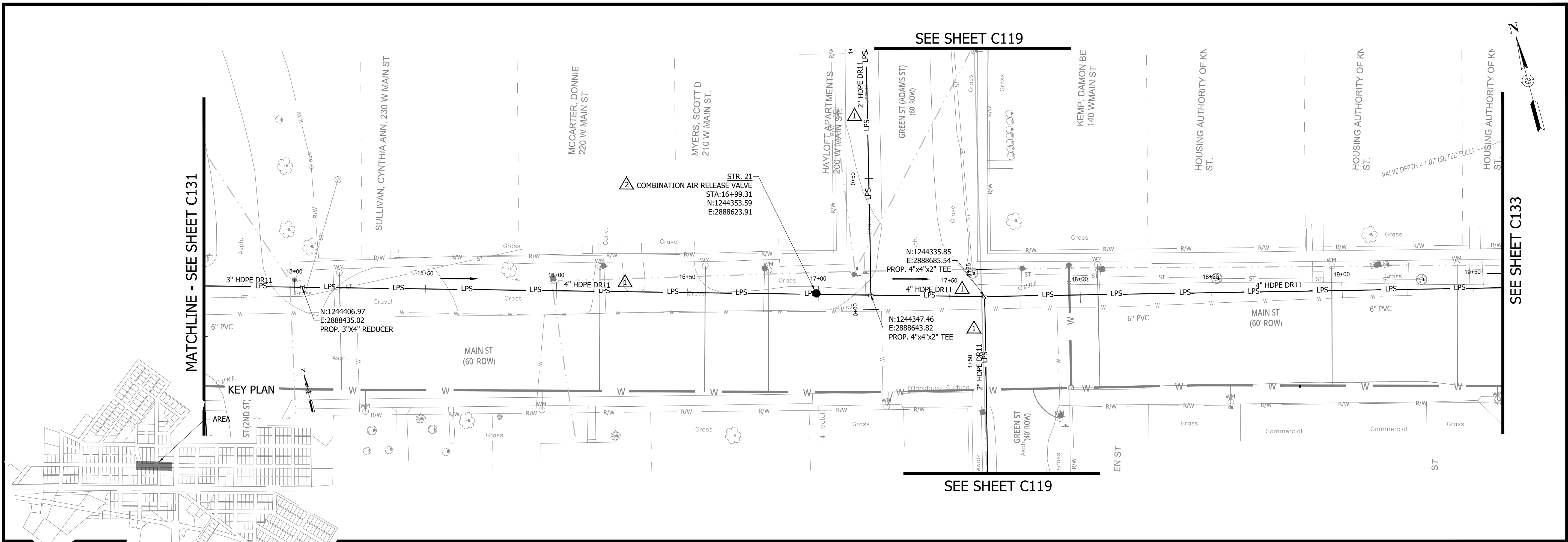


CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23
PLOT SCALE: 1:186.91
EDIT DATE: 9/27/23 - 12:02 PM
EDITED BY: RHUNT
DRAWING FILE: P:\21-400-194-1\WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131.SANITARY SEWER PLAN AND PROFILES.DWG



NOTES:

1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

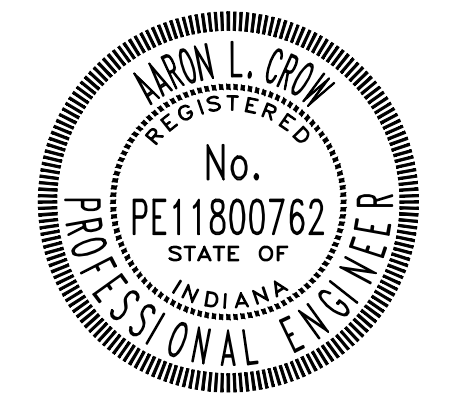
Project #: 21-400-194-1

Designed By: JDP

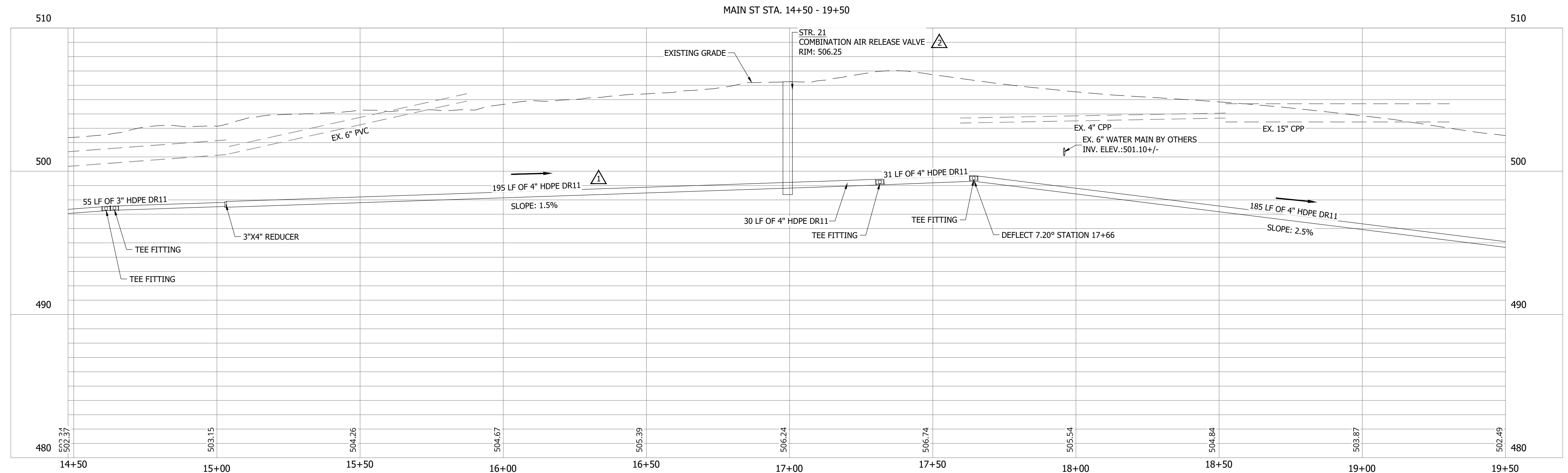
Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C132

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

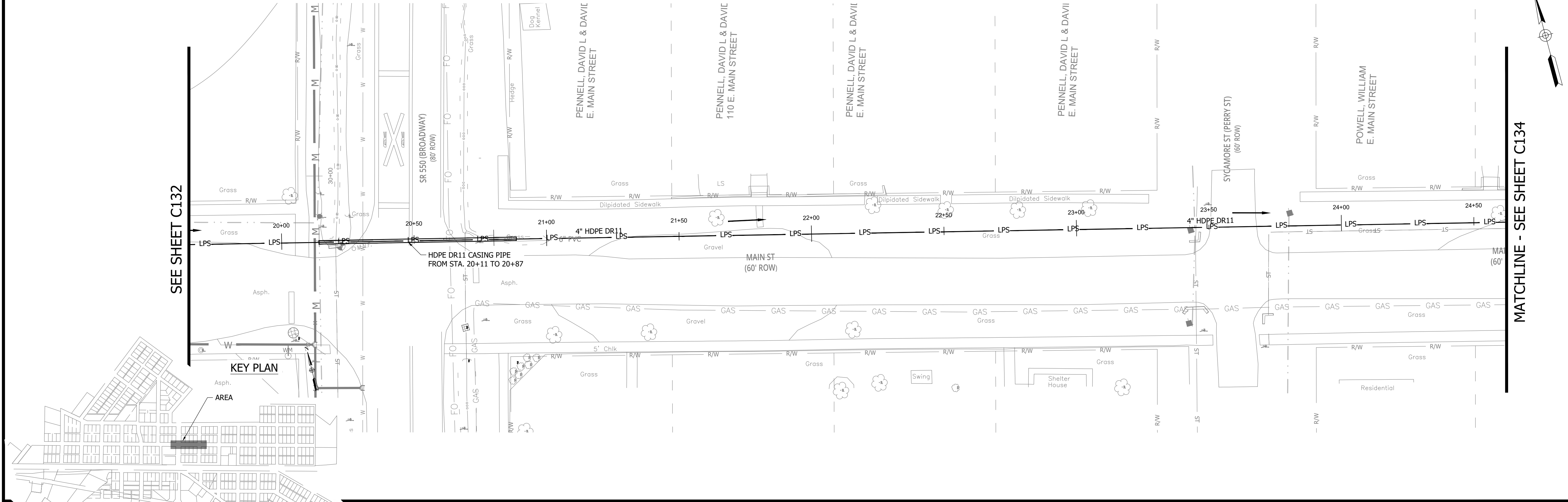
WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

SEE SHEET C132

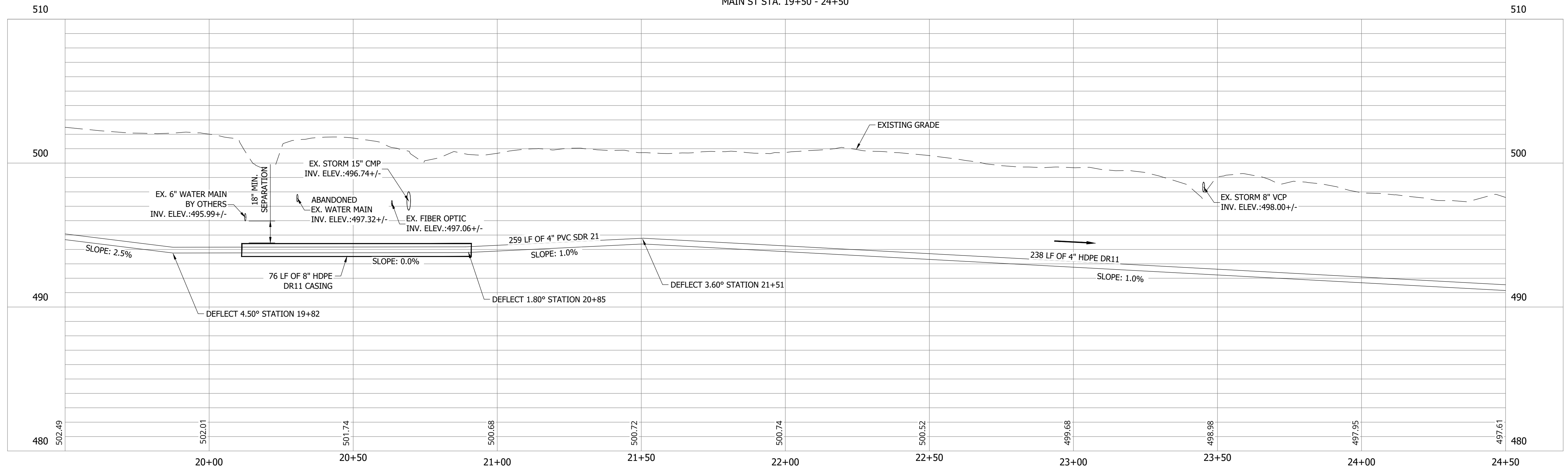
MATCHLINE - SEE SHEET C134

KEY PLAN



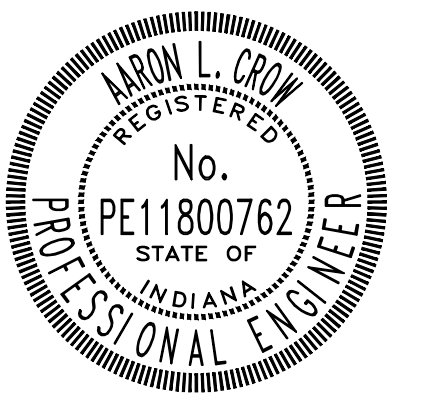
NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

MAIN ST STA. 19+50 - 24+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

C133

CONSTRUCTION PLANS

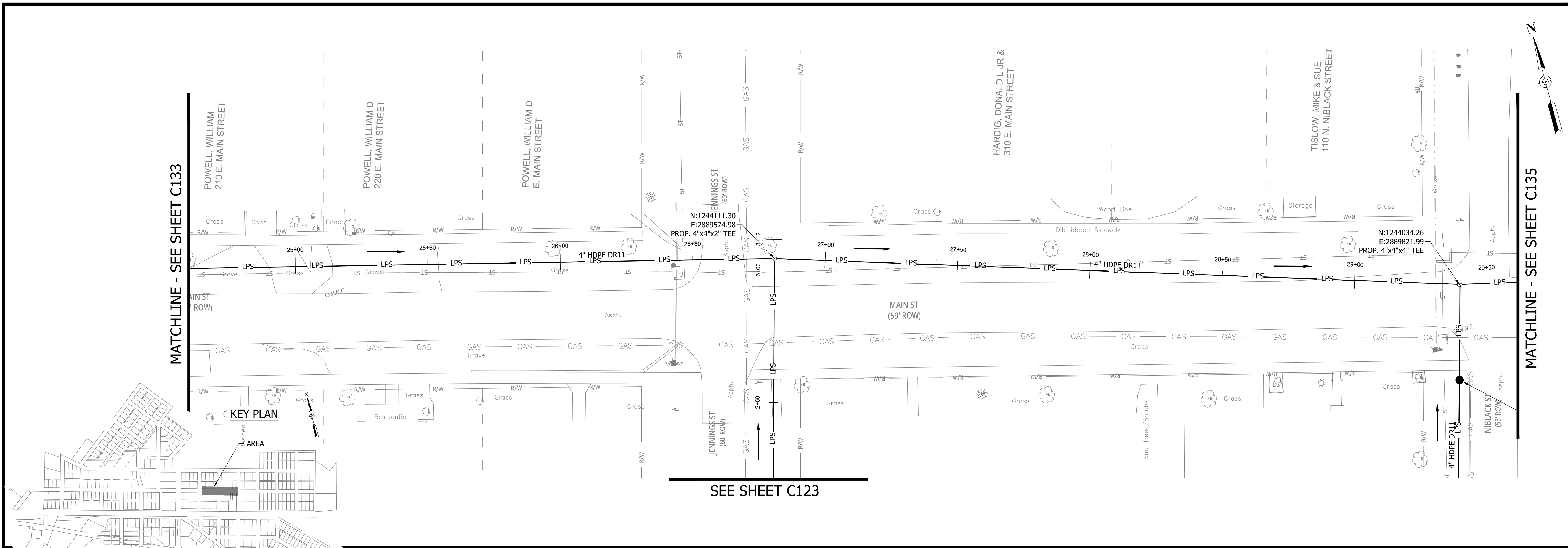
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

MATCHLINE - SEE SHEET C133

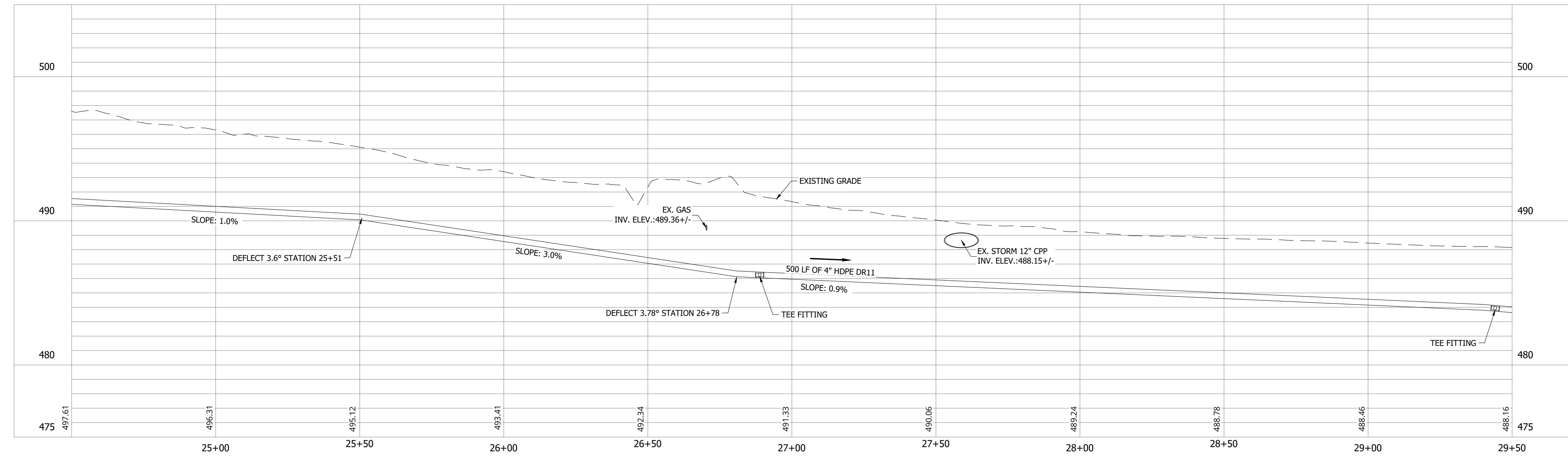
MATCHLINE - SEE SHEET C135



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

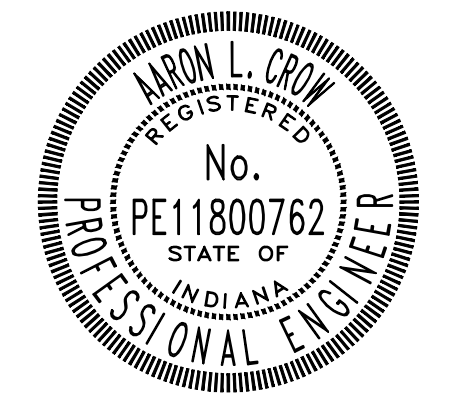
SEE SHEET C123

MAIN ST STA. 24+50 - 29+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

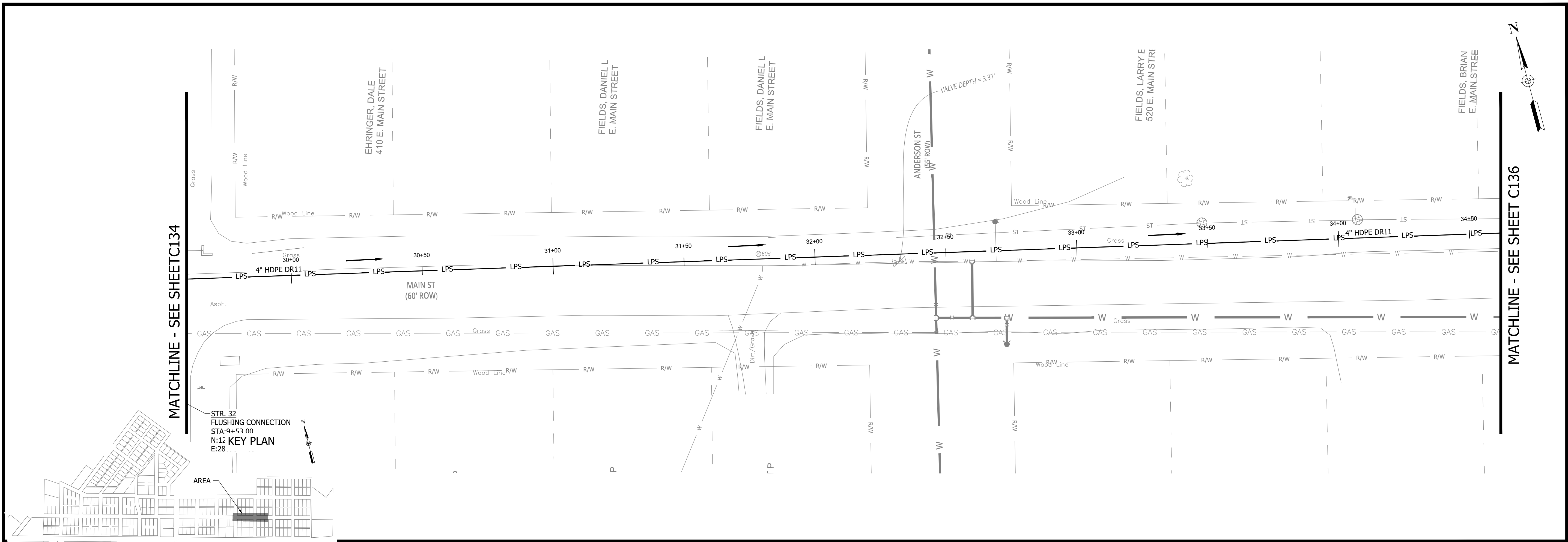
C134

CONSTRUCTION PLANS

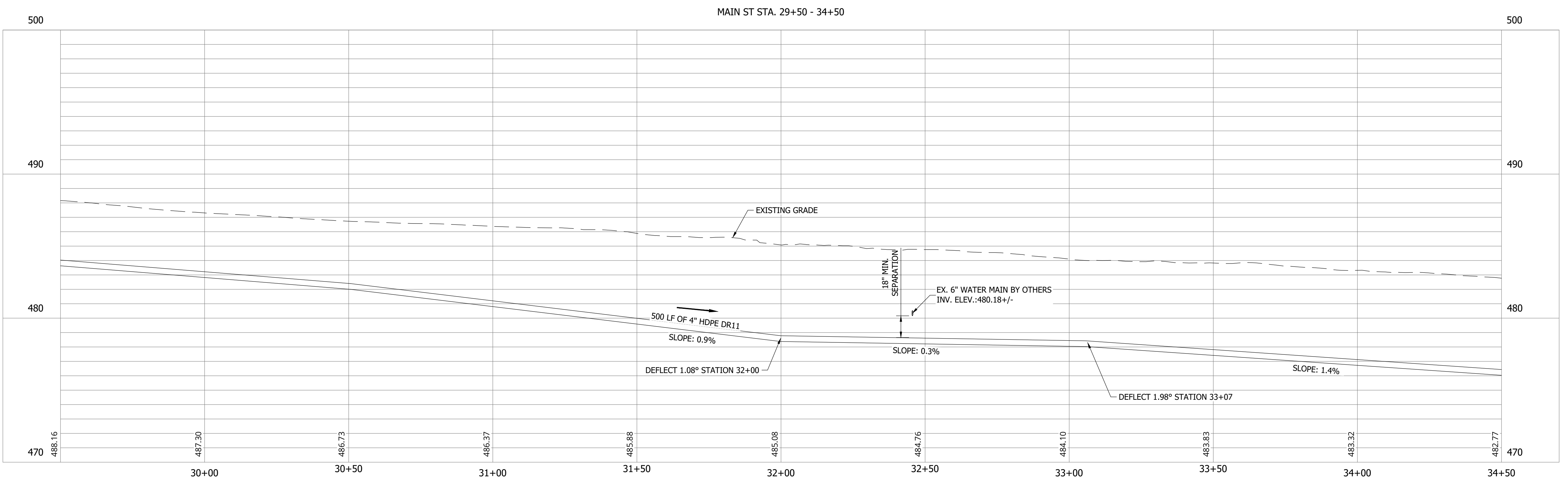
**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1\WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

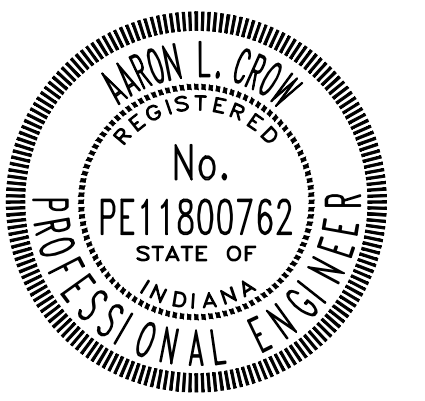


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



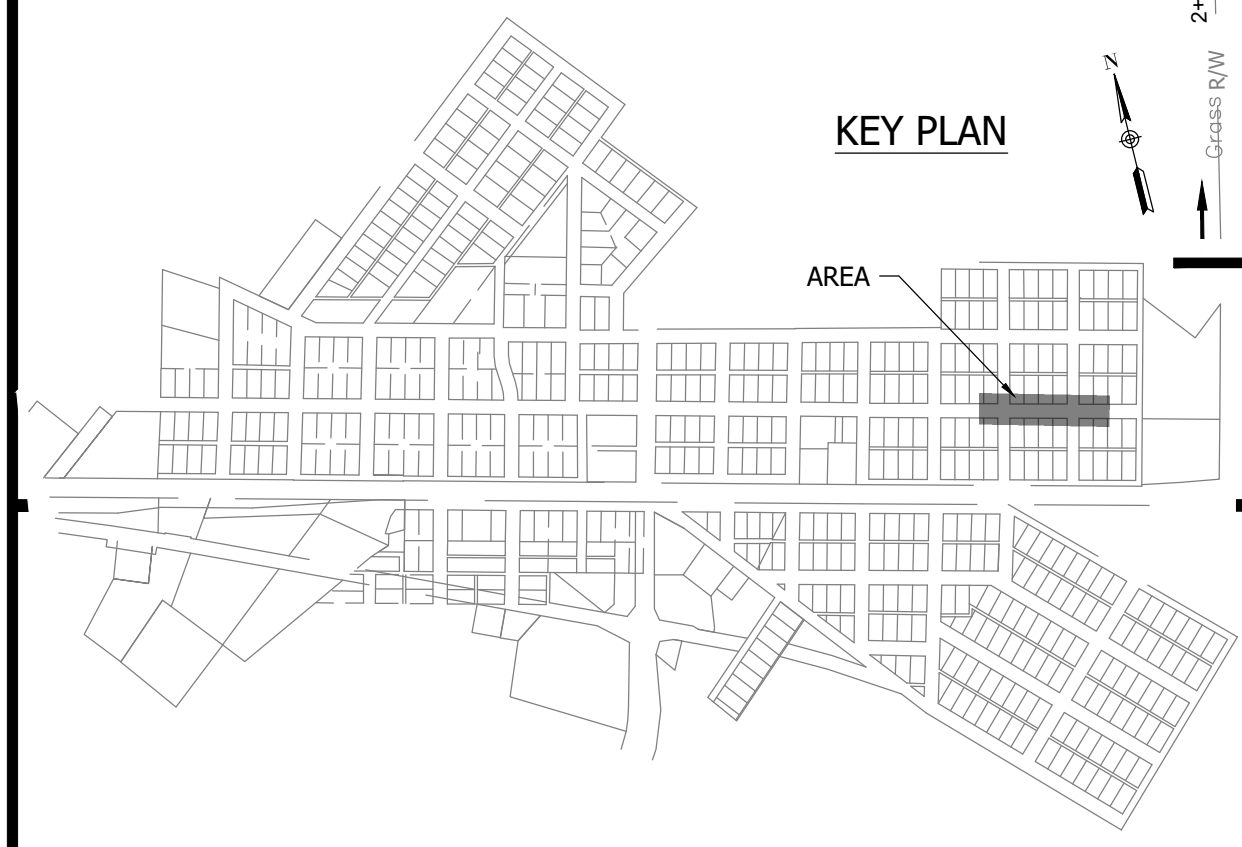
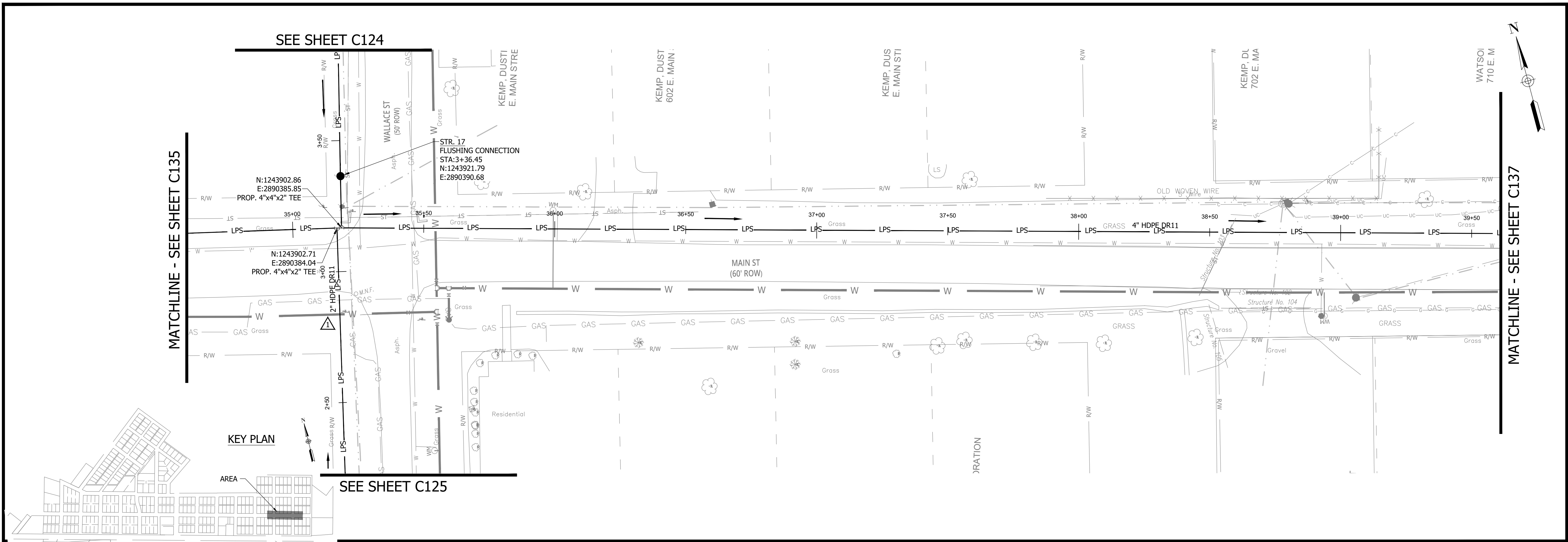
**SANITARY SEWER
PLAN AND PROFILE**

C135

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

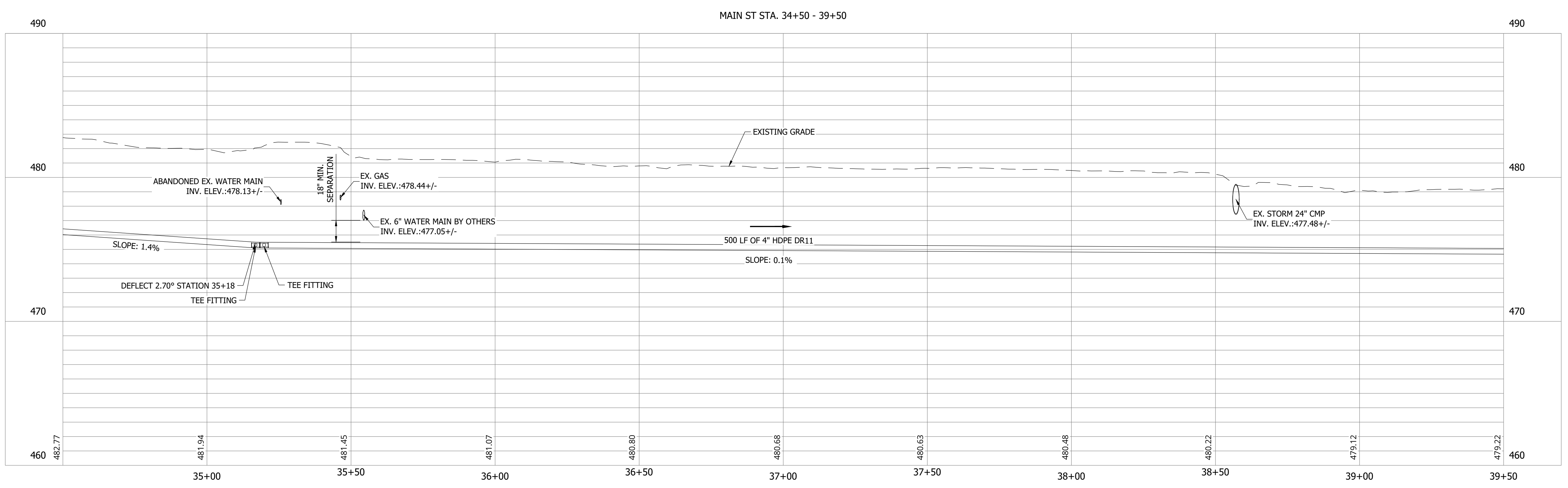
Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

ARON L. CROW
 REGISTERED PROFESSIONAL ENGINEER
 No. PE11800762
 STATE OF INDIANA



**SANITARY SEWER
 PLAN AND PROFILE**

C136



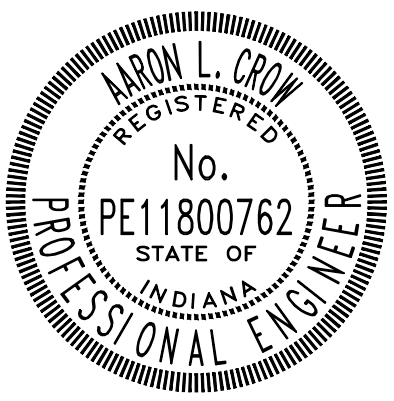
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

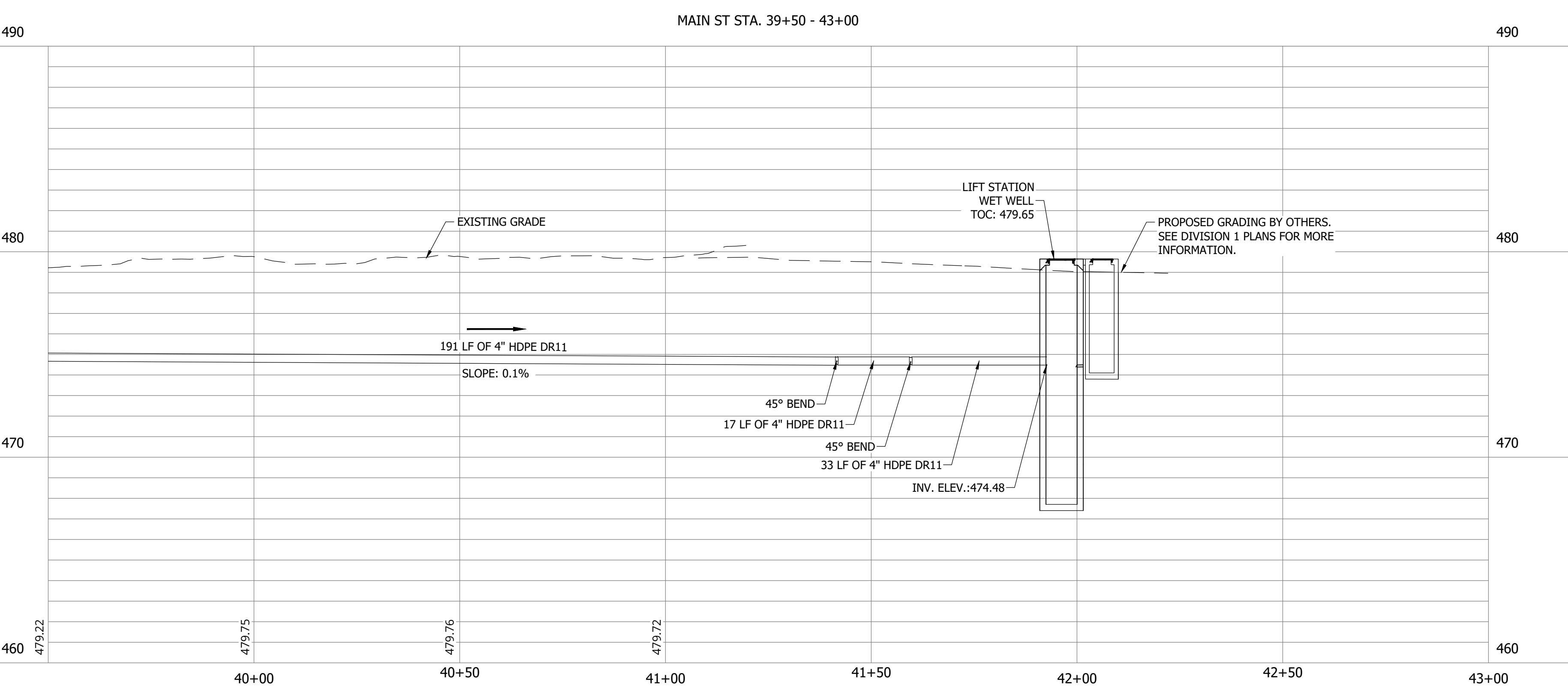
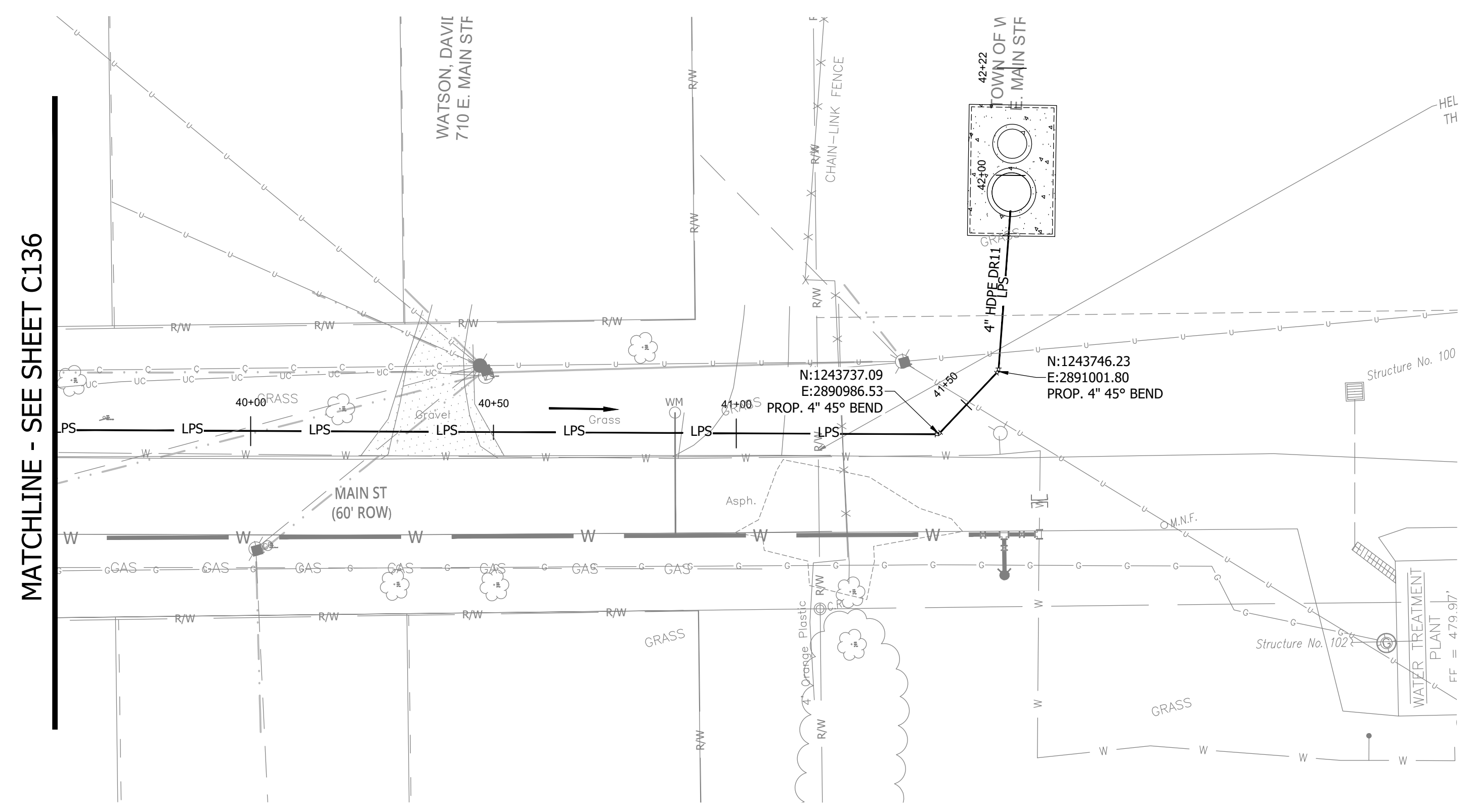
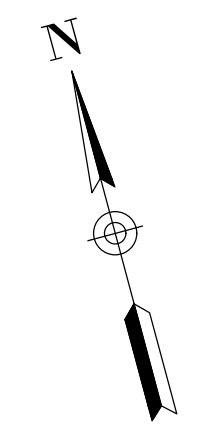


Aaron Crow



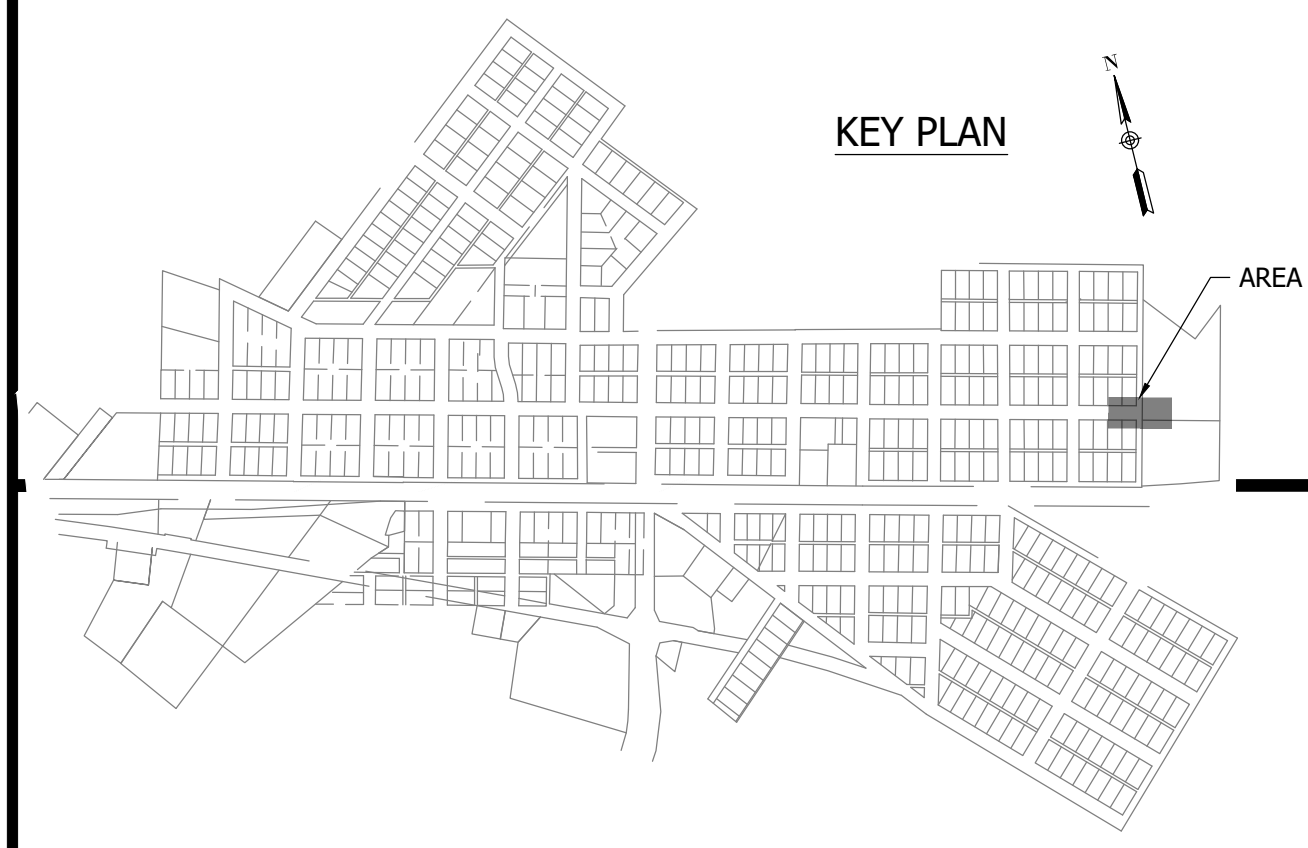
**SANITARY SEWER
PLAN AND PROFILE**

C137



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

MATCHLINE - SEE SHEET C136



KEY PLAN

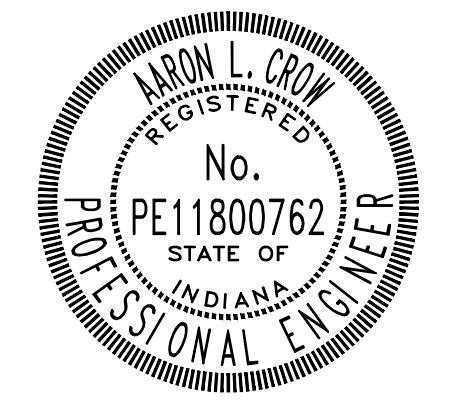
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

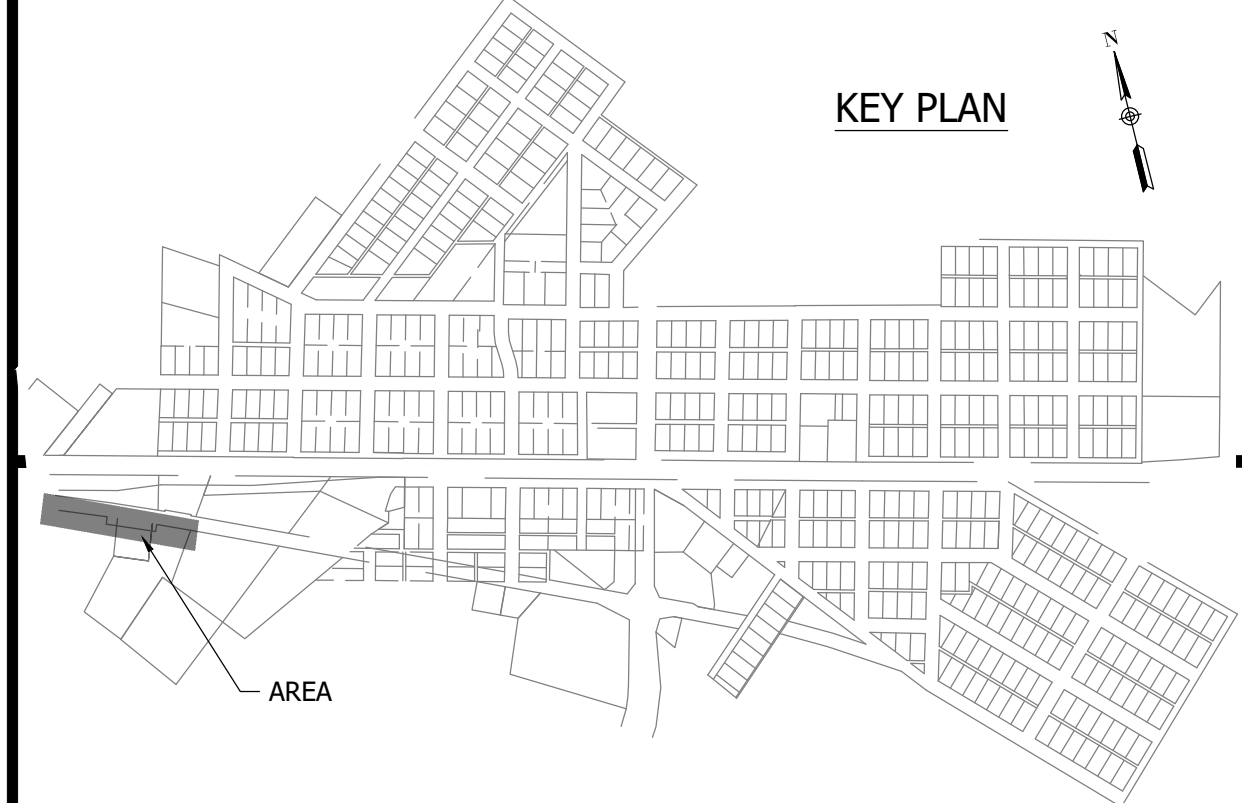
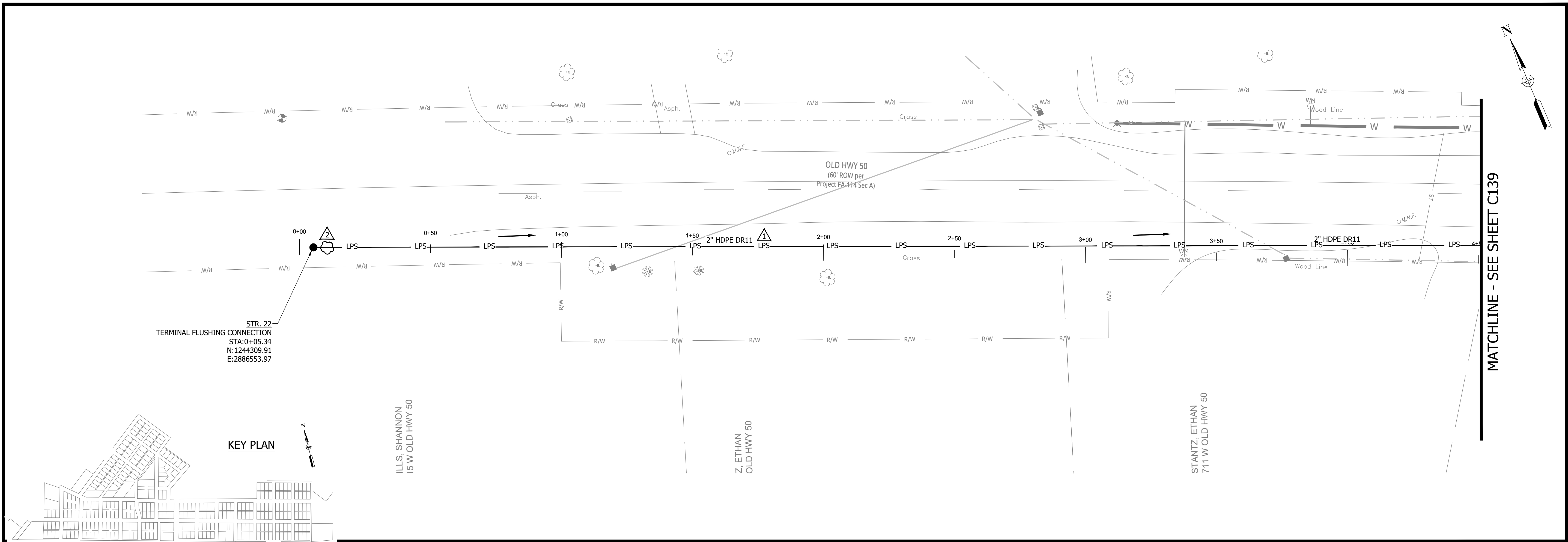


Aaron Crow

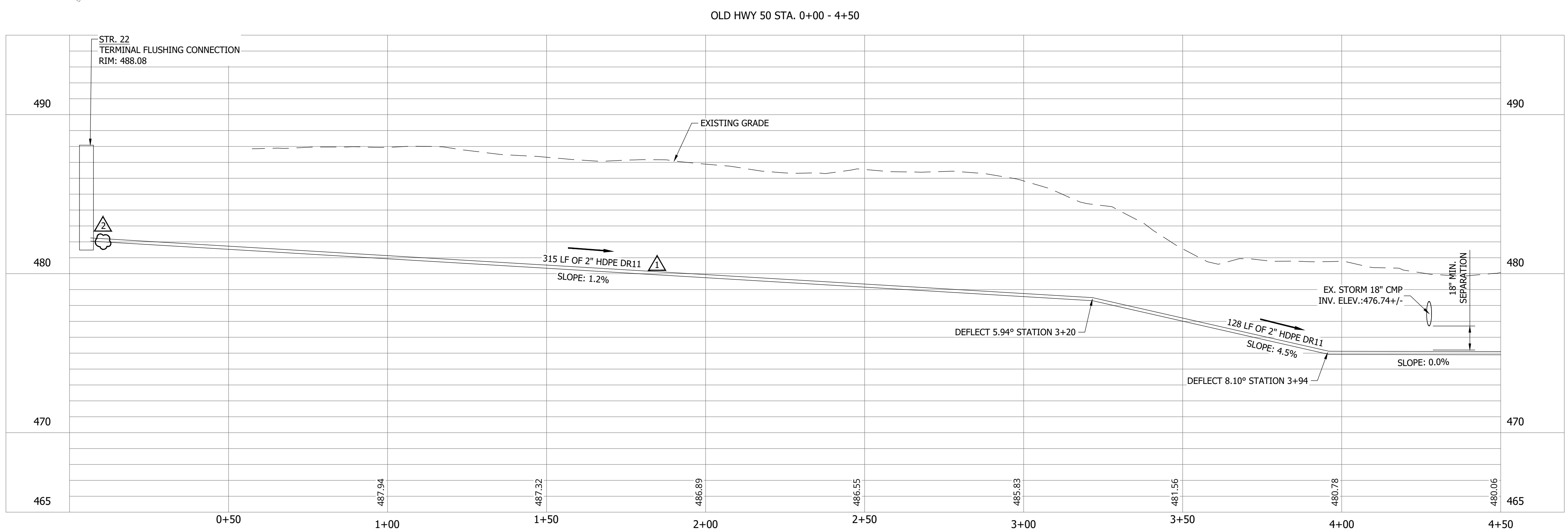


**SANITARY SEWER
PLAN AND PROFILE**

C138



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

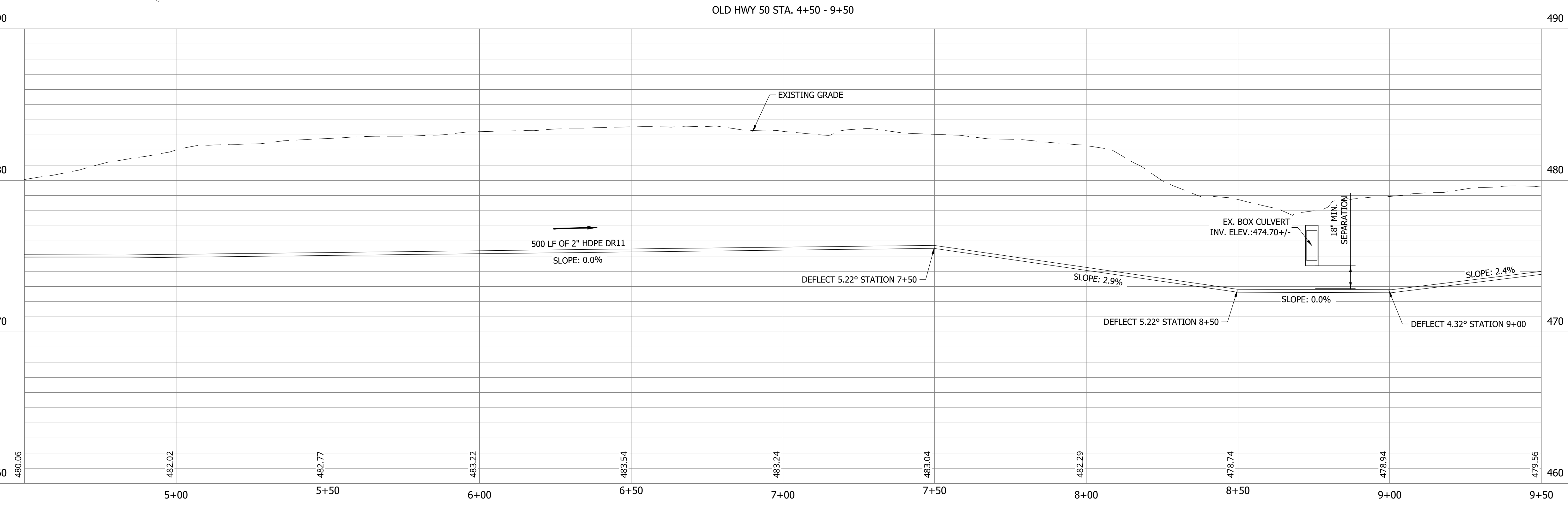
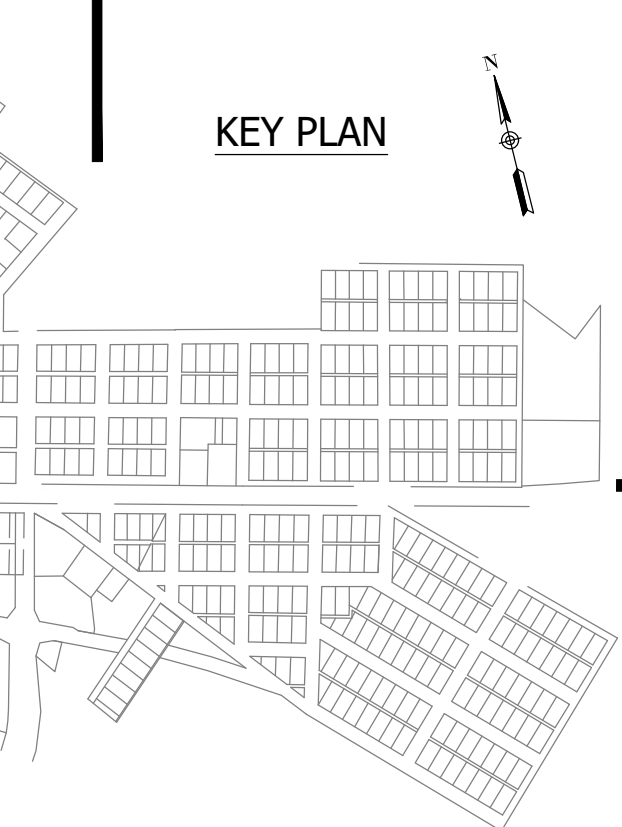
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

MATCHLINE - SEE SHEET C138

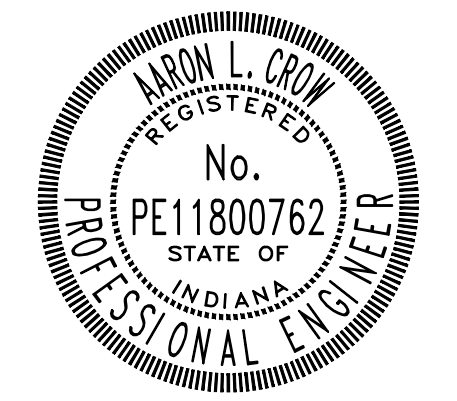
MATCHLINE - SEE SHEET C140



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C139

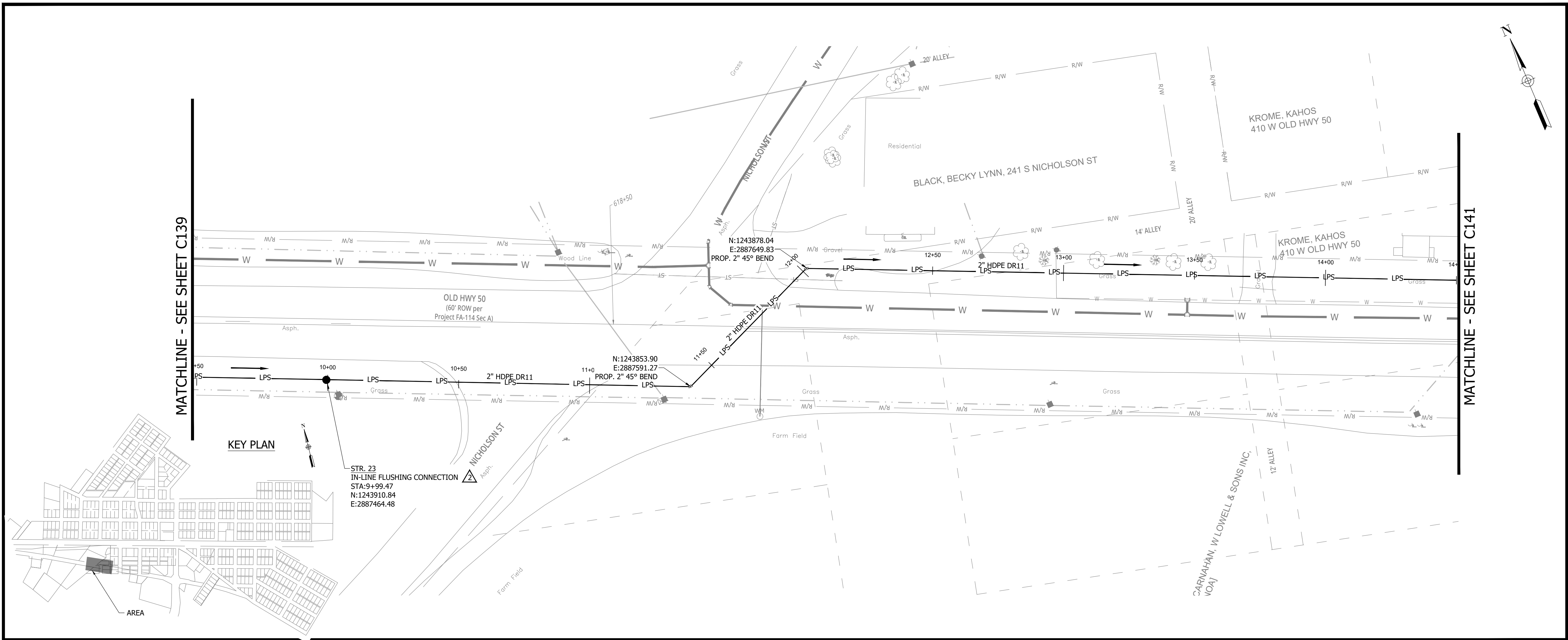
PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 12:02 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1\WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

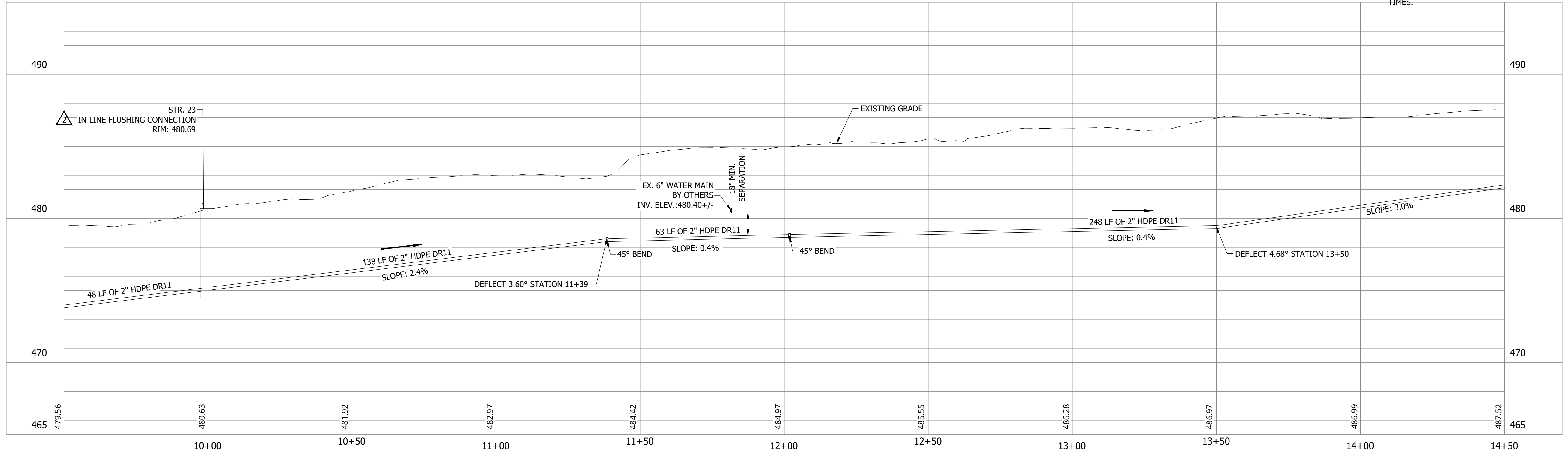
WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:186.91 EDIT DATE: 9/27/23 - 1:38 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C131 SANITARY SEWER PLAN AND PROFILES.DWG



OLD HWY 50 STA. 9+50 - 14+50

NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

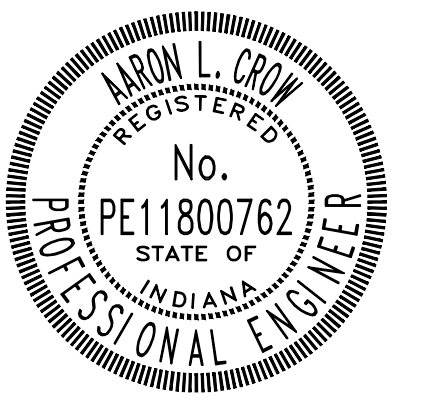
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



Aron Crow



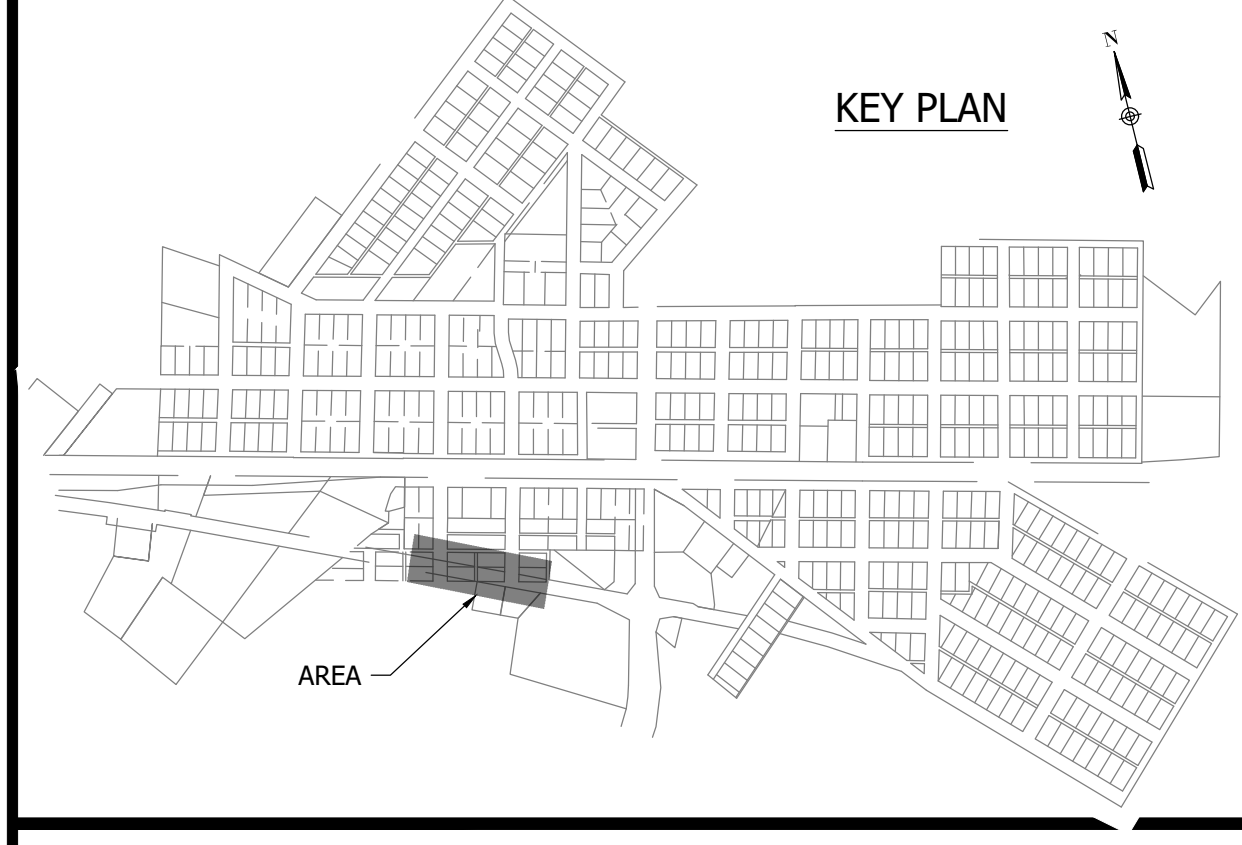
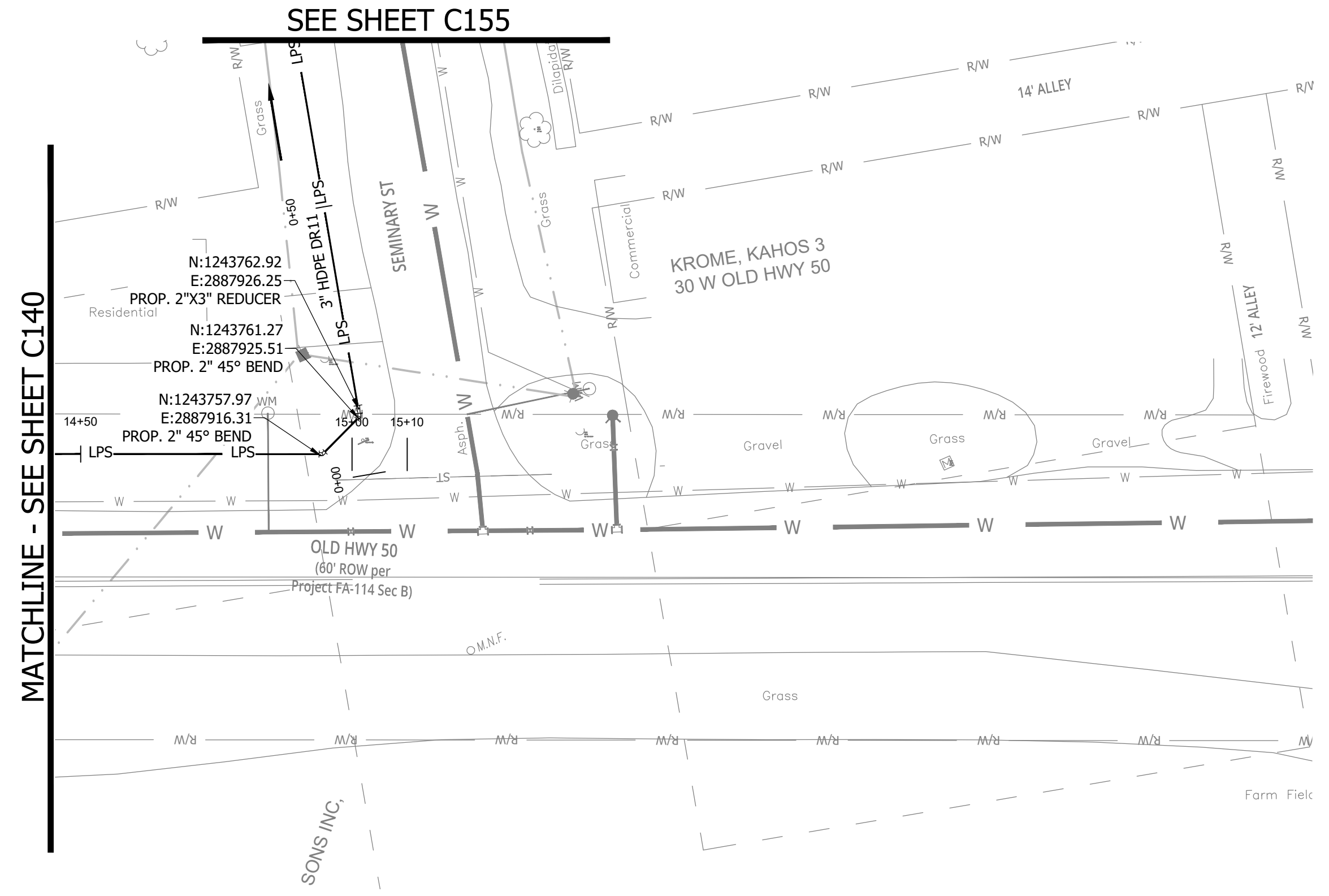
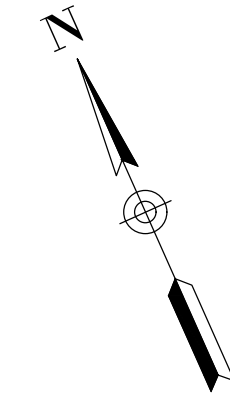
**SANITARY SEWER
PLAN AND PROFILE**

C140

CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

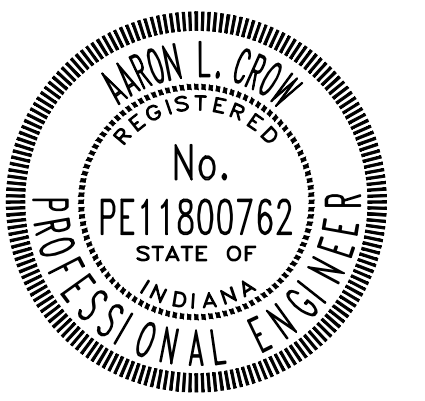
WHEATLAND, IN 47597



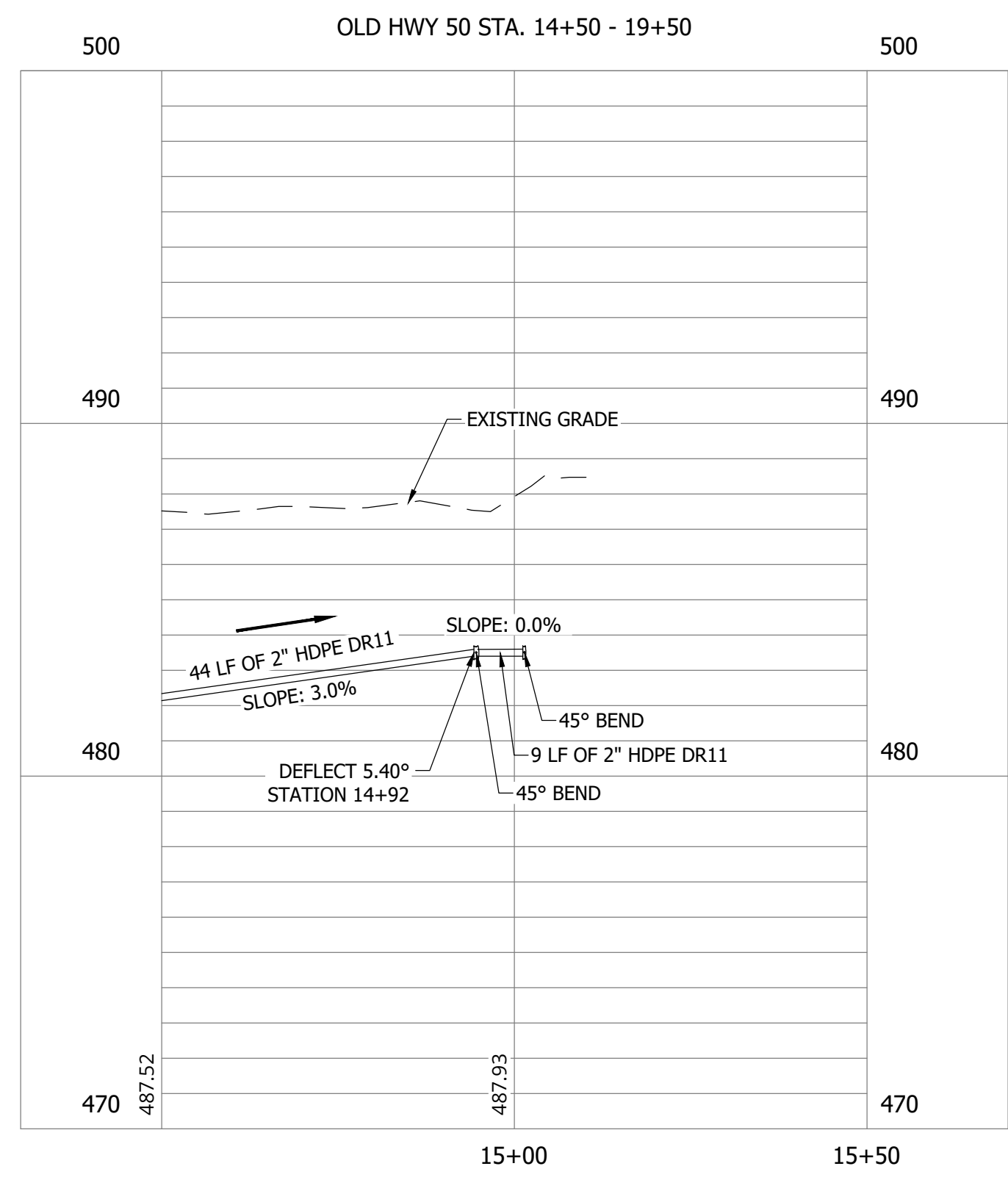
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



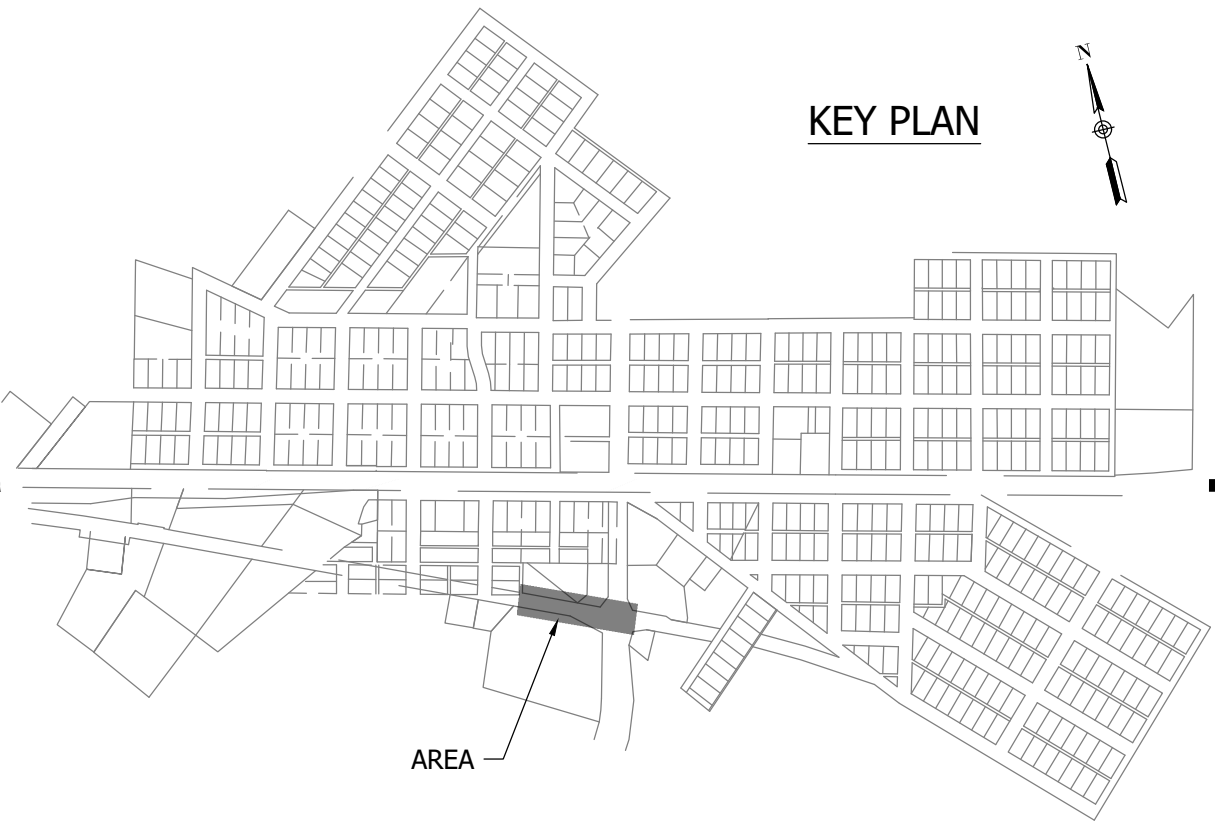
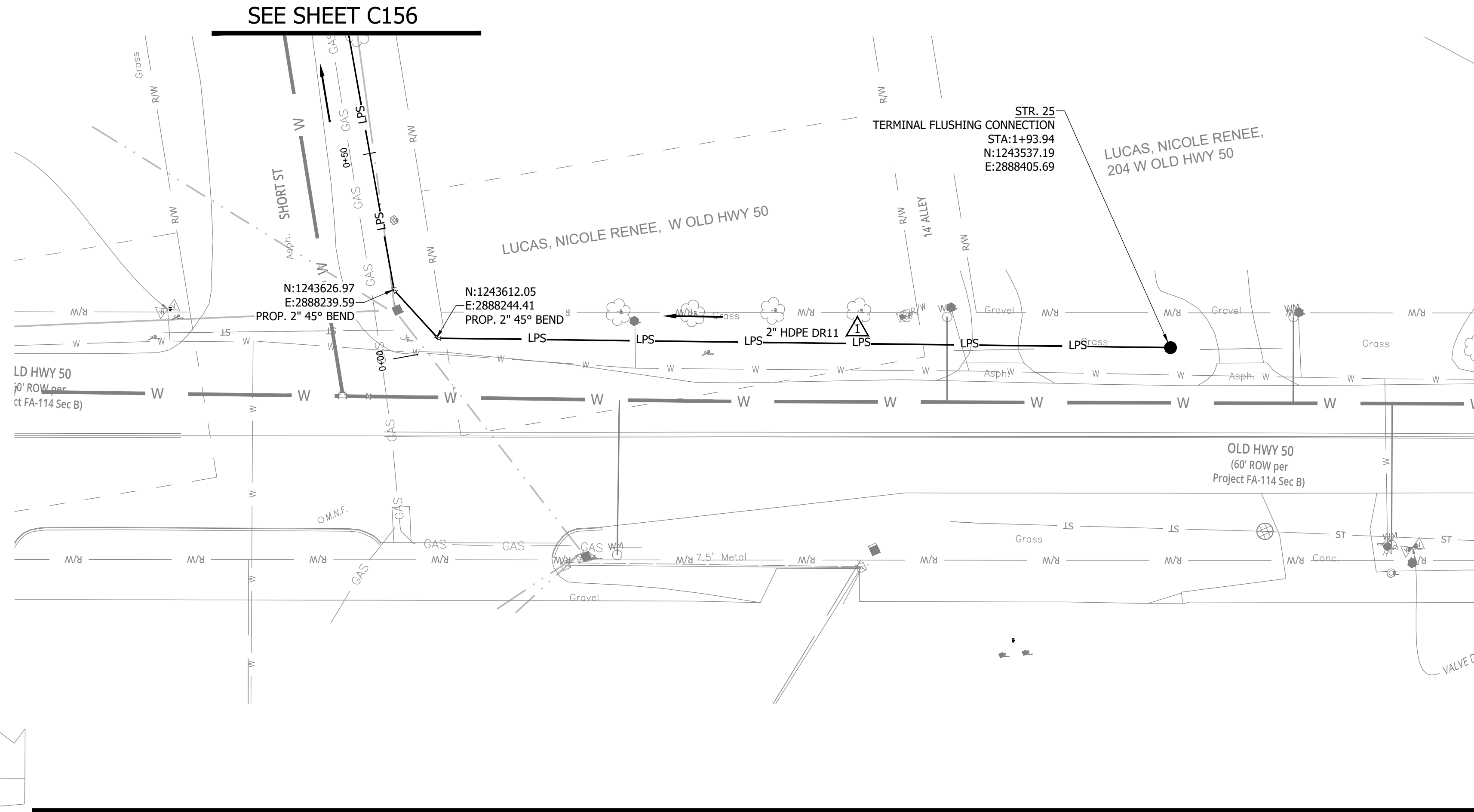
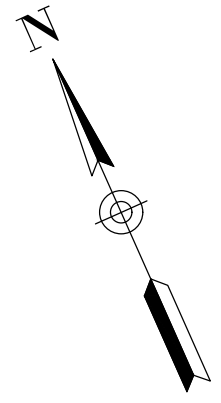
Aaron Crow



CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

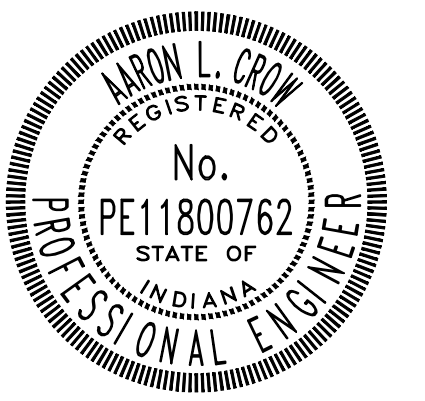
WHEATLAND, IN 47597



NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

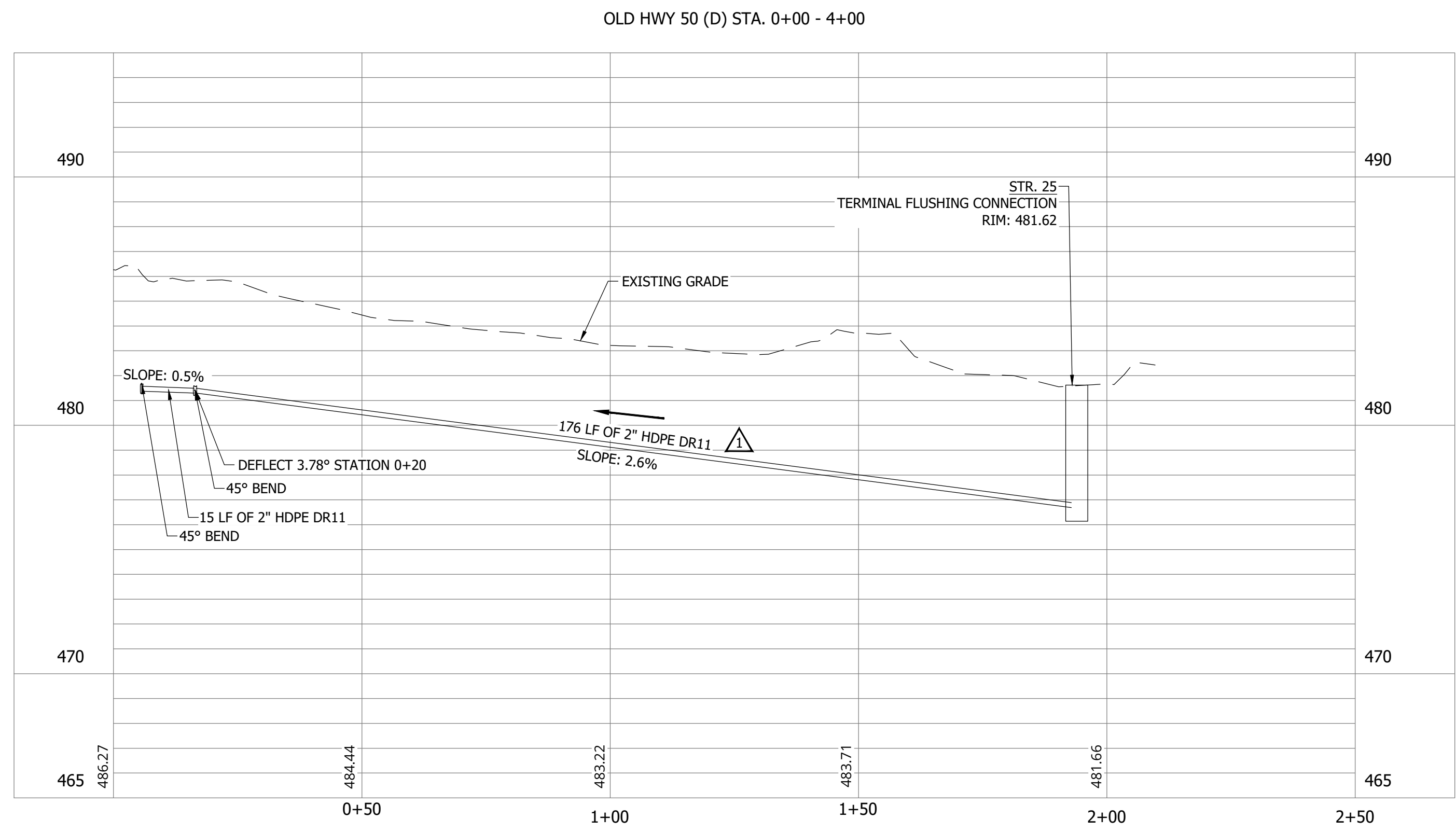


Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C142

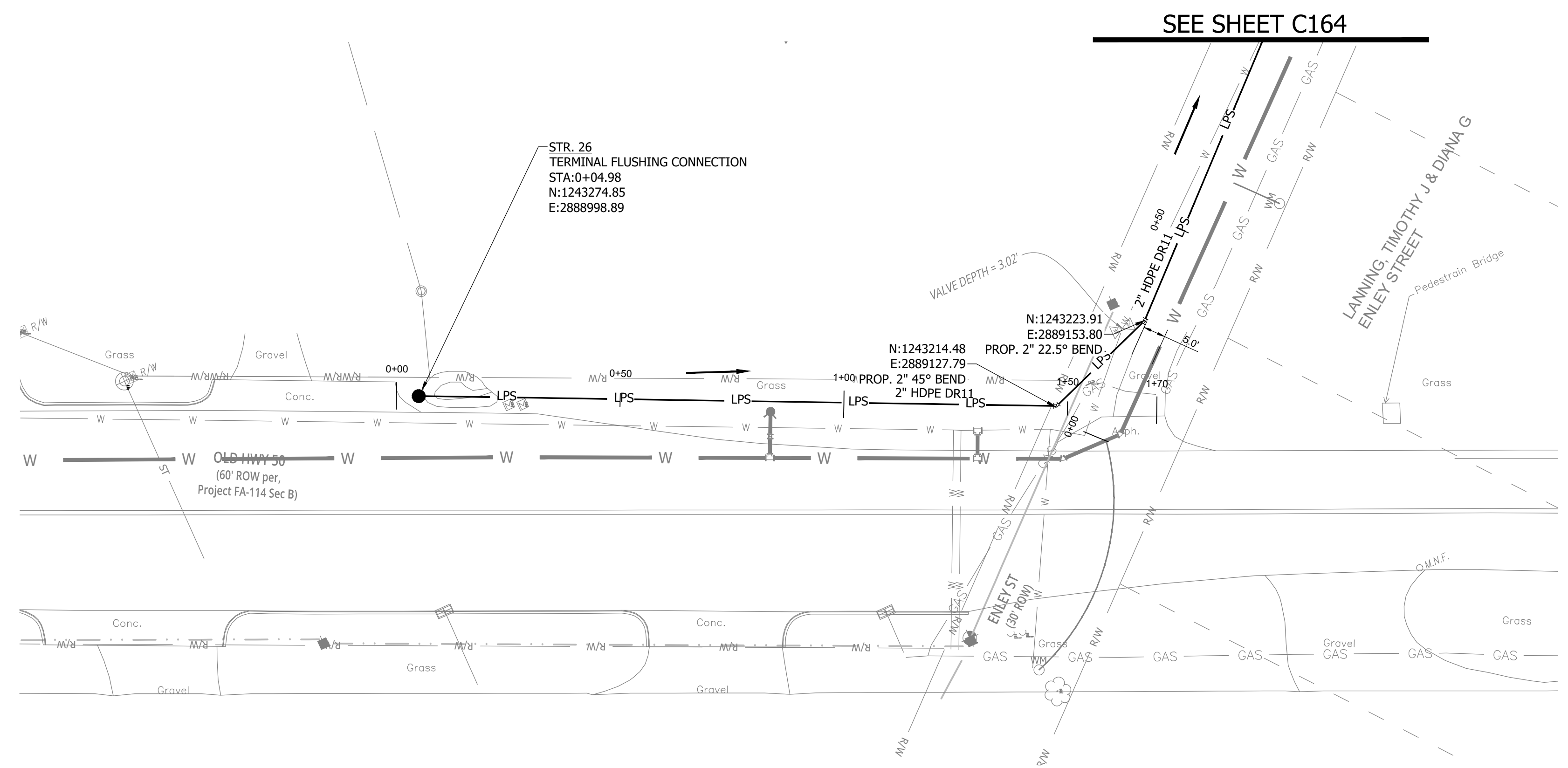
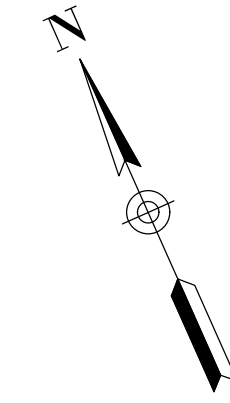


PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C142 SANITARY SEWER PLAN AND PROFILE.DWG

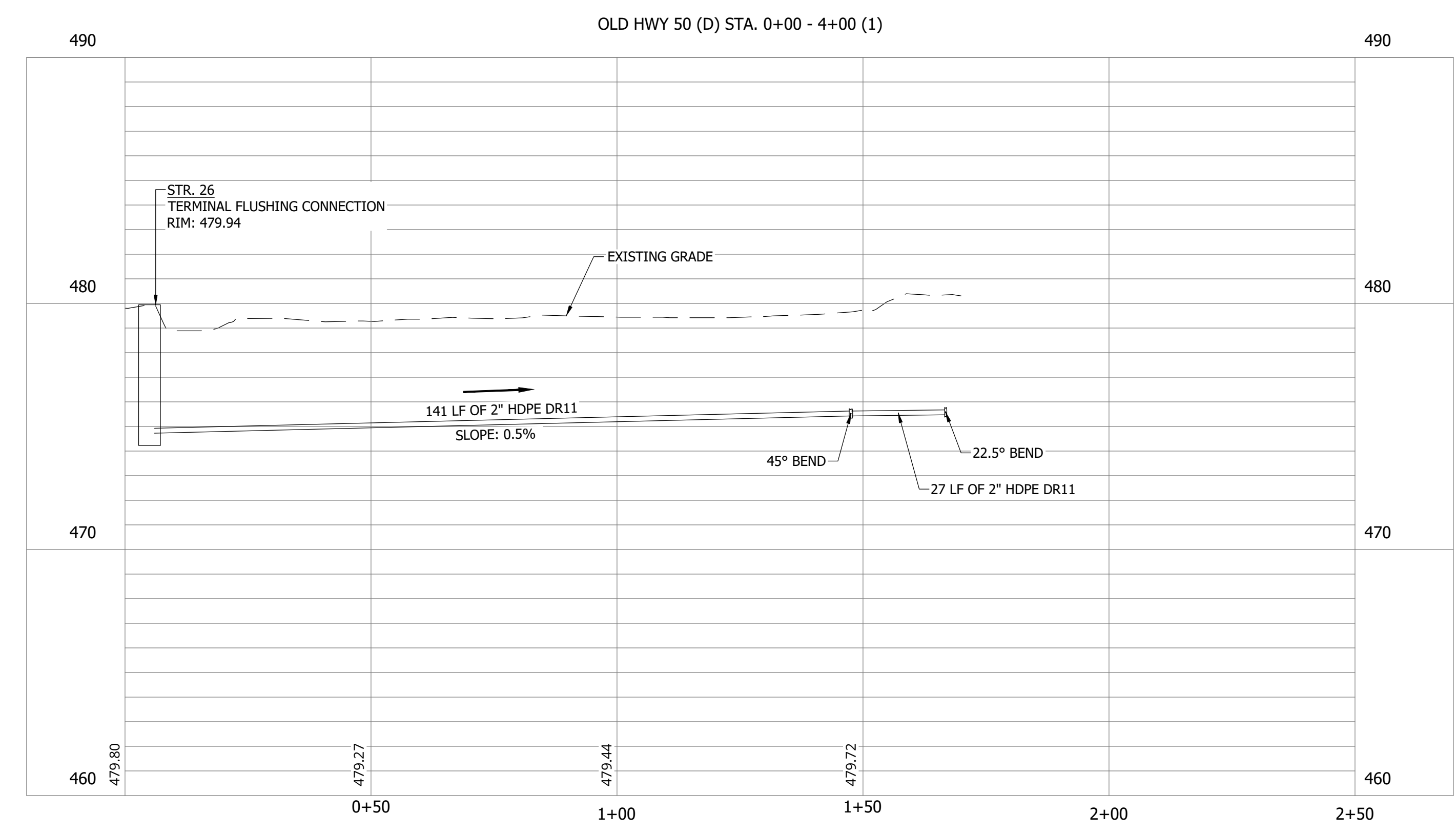
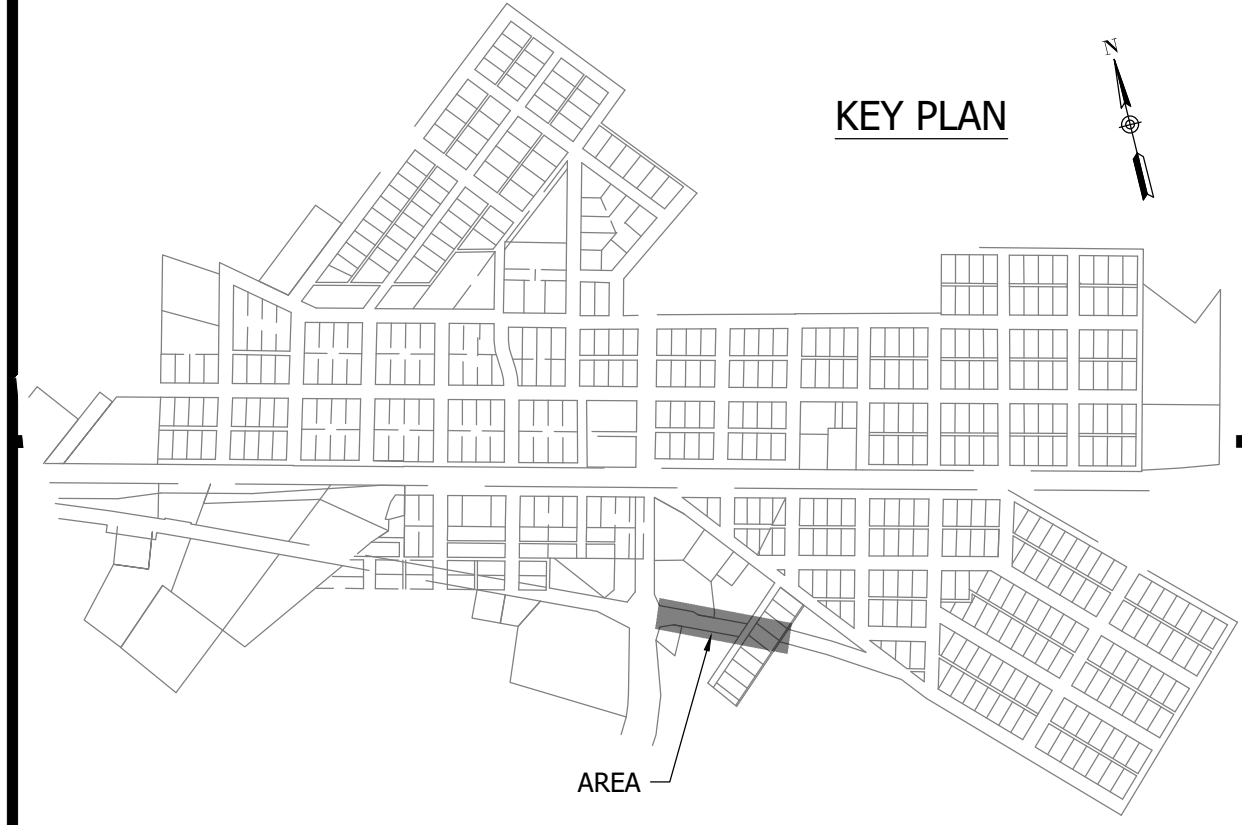
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

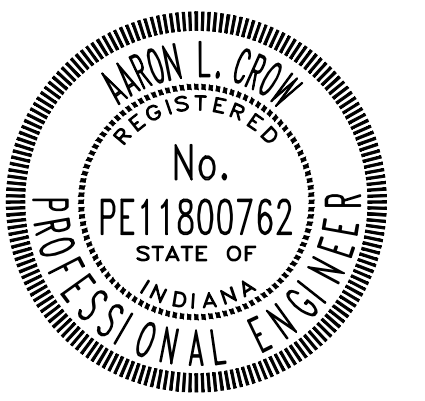


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C143

PRINT DATE: 9/27/23
PLOT SCALE: 1:1
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C143 SANITARY SEWER PLAN AND PROFILE.DWG
EDIT DATE: 9/26/23 - 11:20 AM
EDITED BY: RHUNT

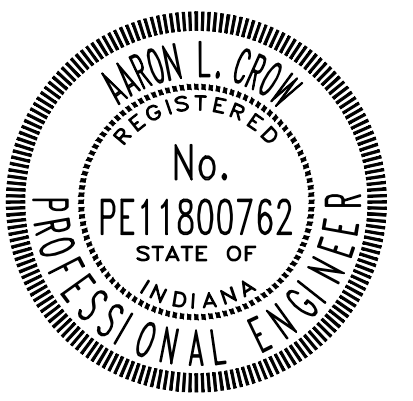
**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

CONSTRUCTION PLANS

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023

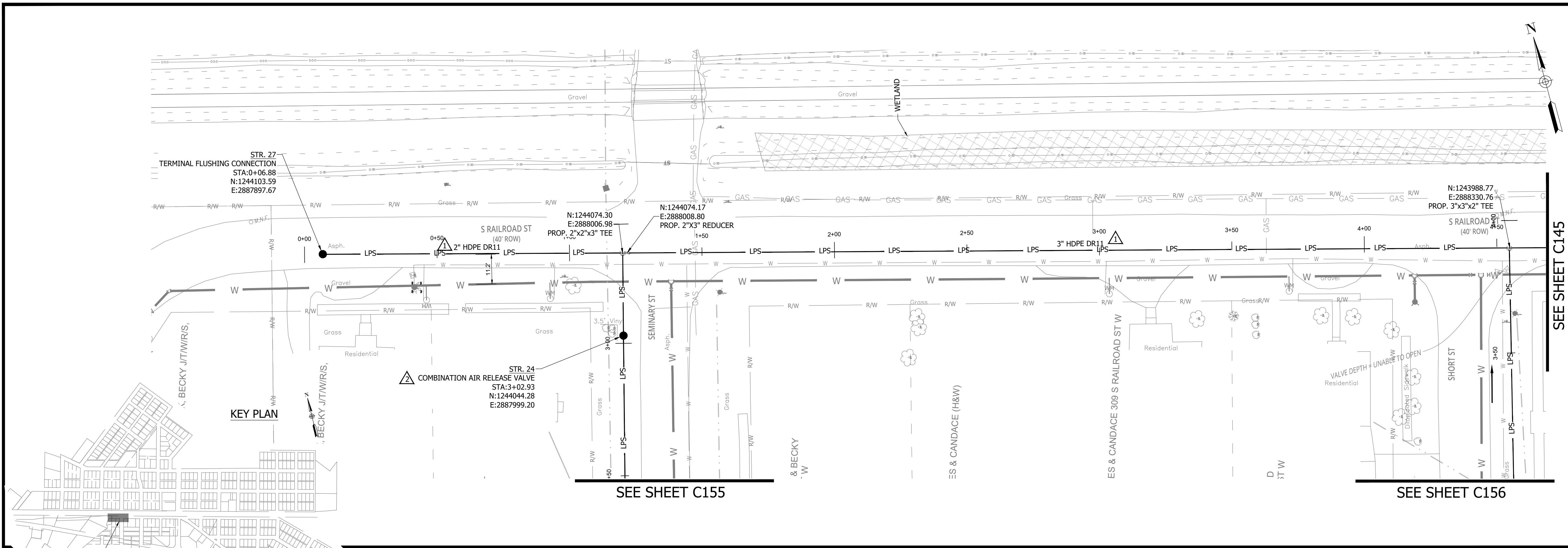


Aaron Crow

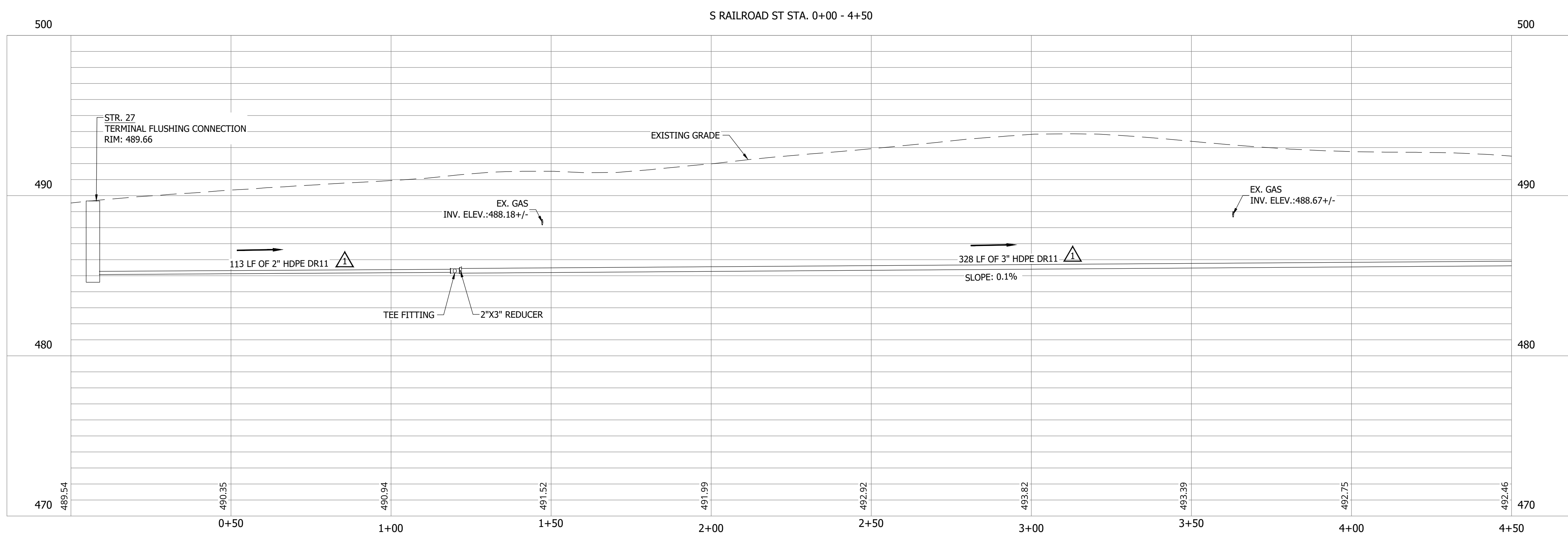


**SANITARY SEWER
PLAN AND PROFILE**

C144

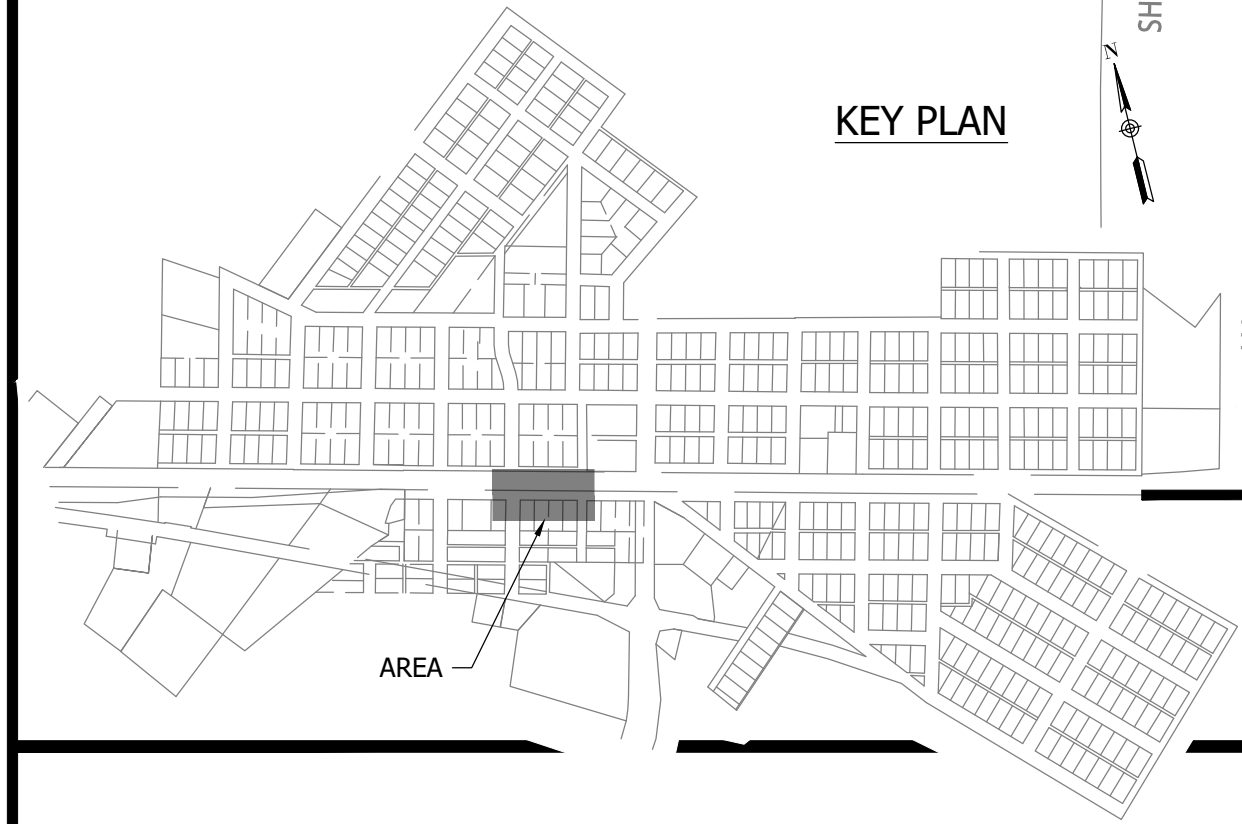
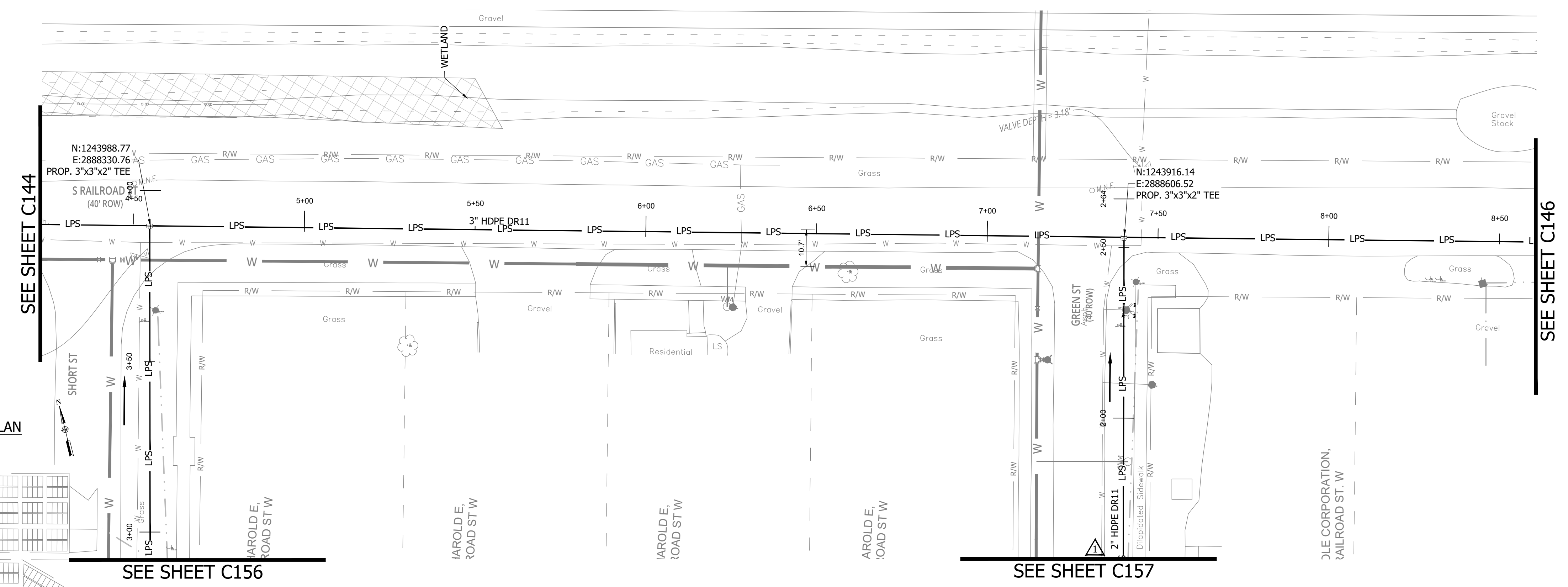


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

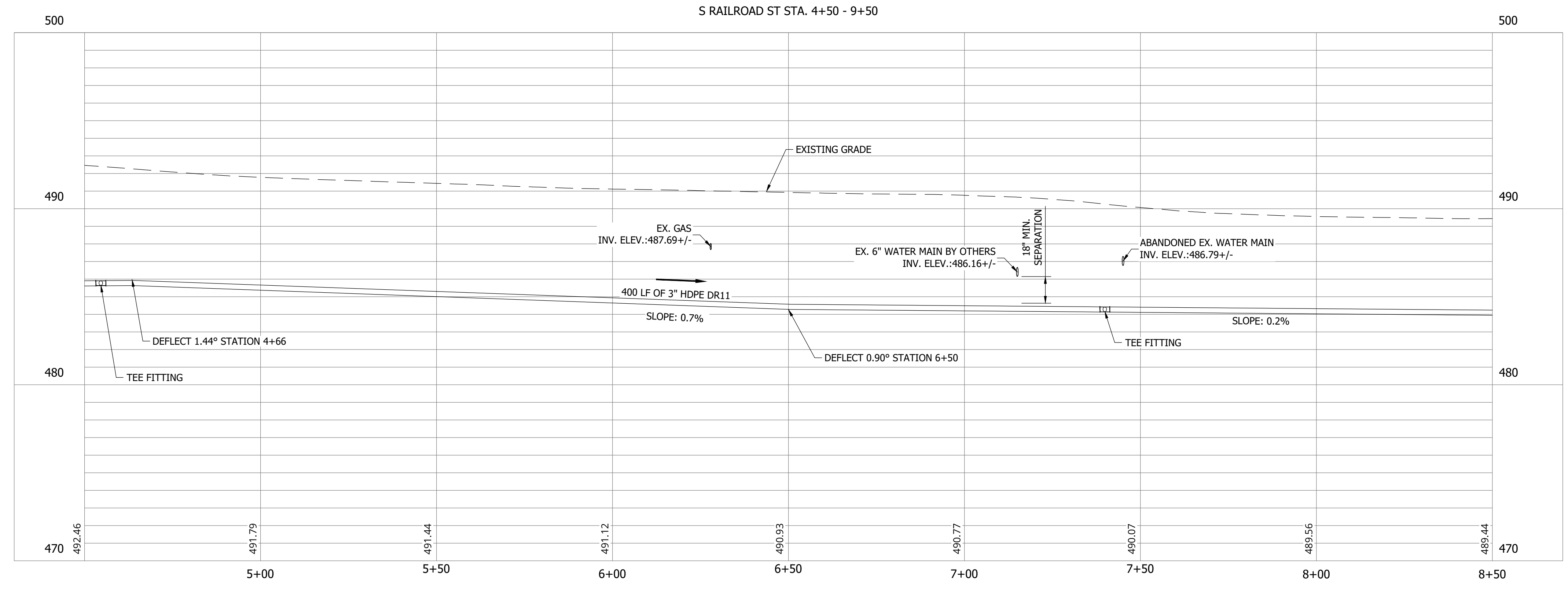


PRINT DATE: 9/27/23
PLOT SCALE: 1:1
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C144 SANITARY SEWER PLAN AND PROFILES.DWG
EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**
 WHEATLAND, IN 47597

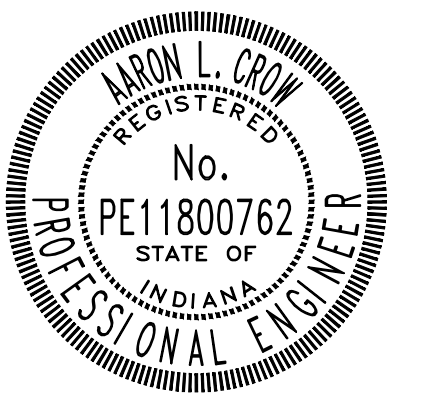


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow

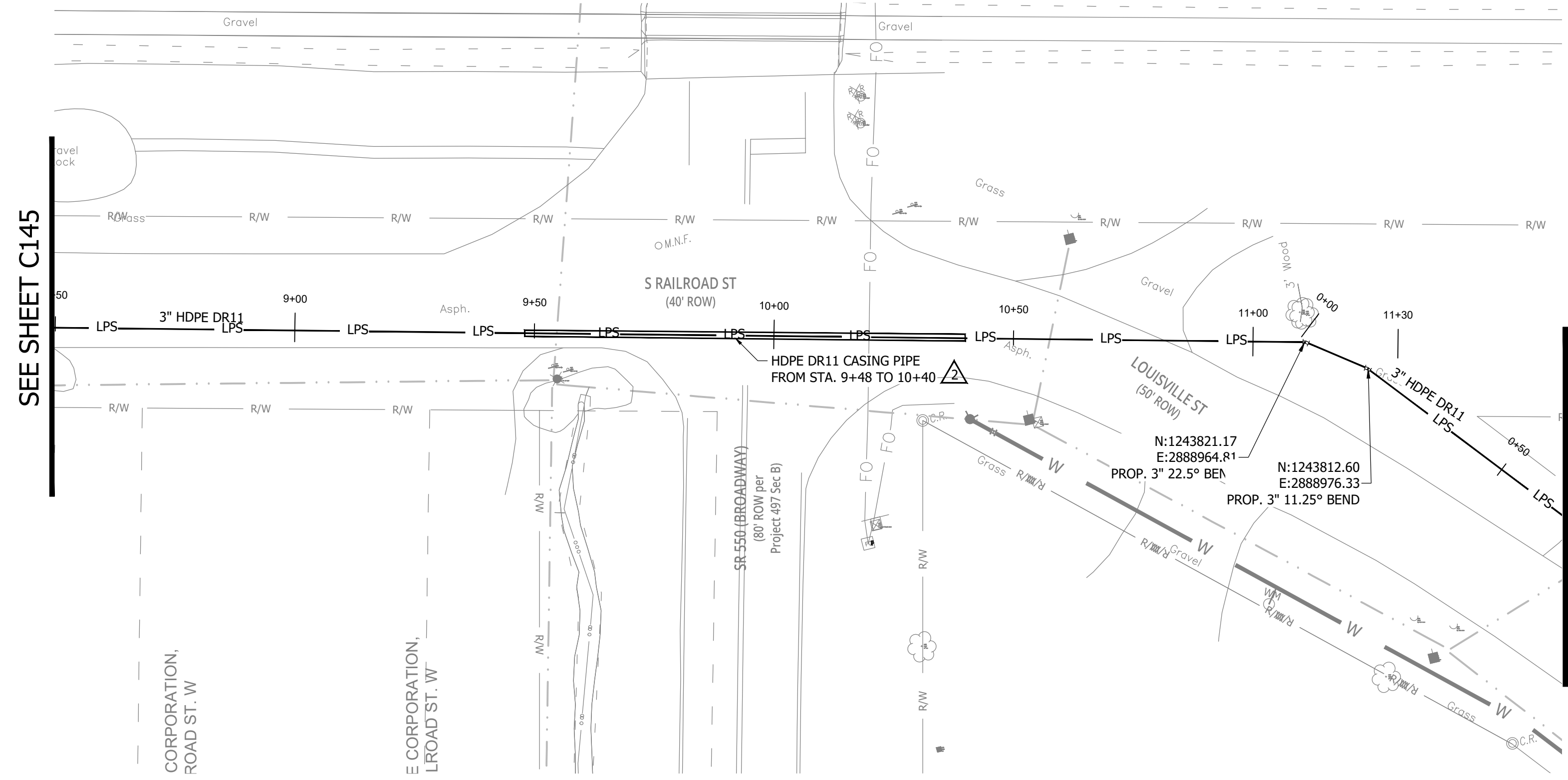


**SANITARY SEWER
 PLAN AND PROFILE**

C145

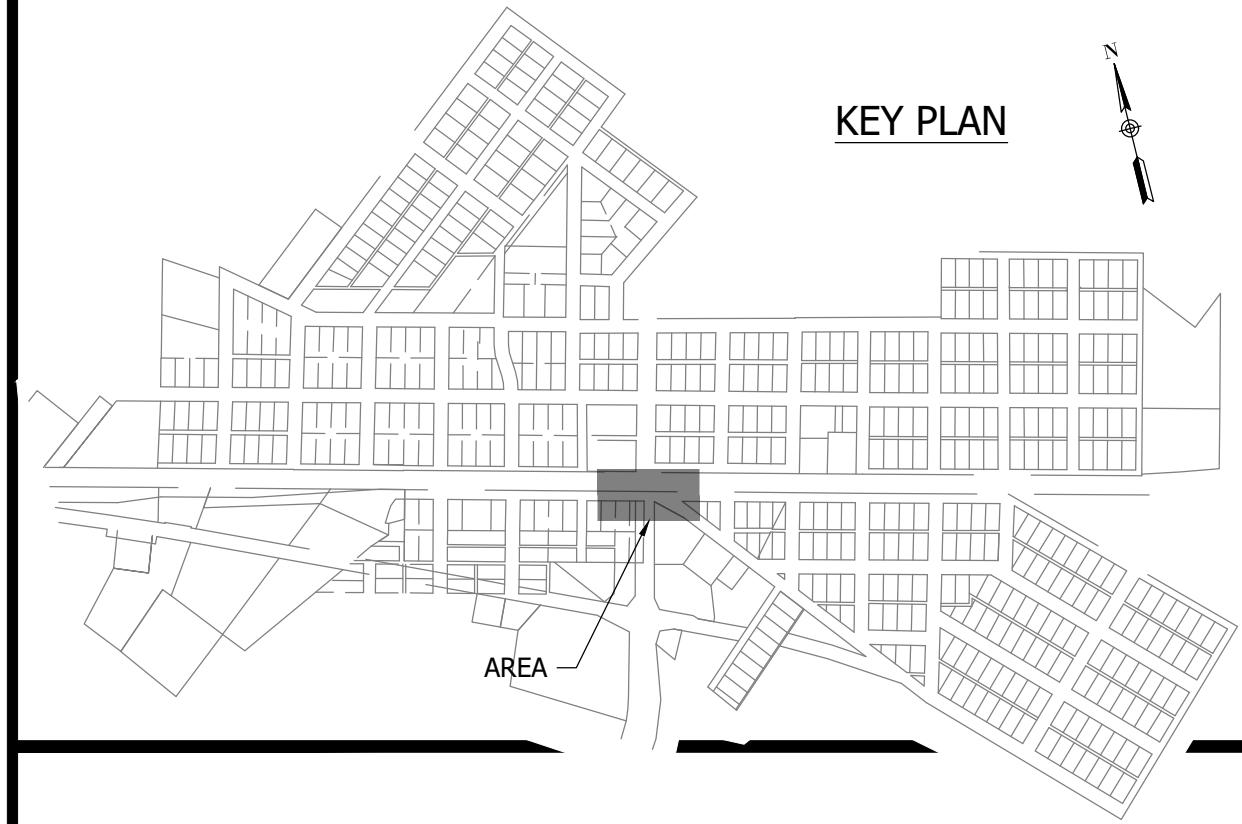
CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597



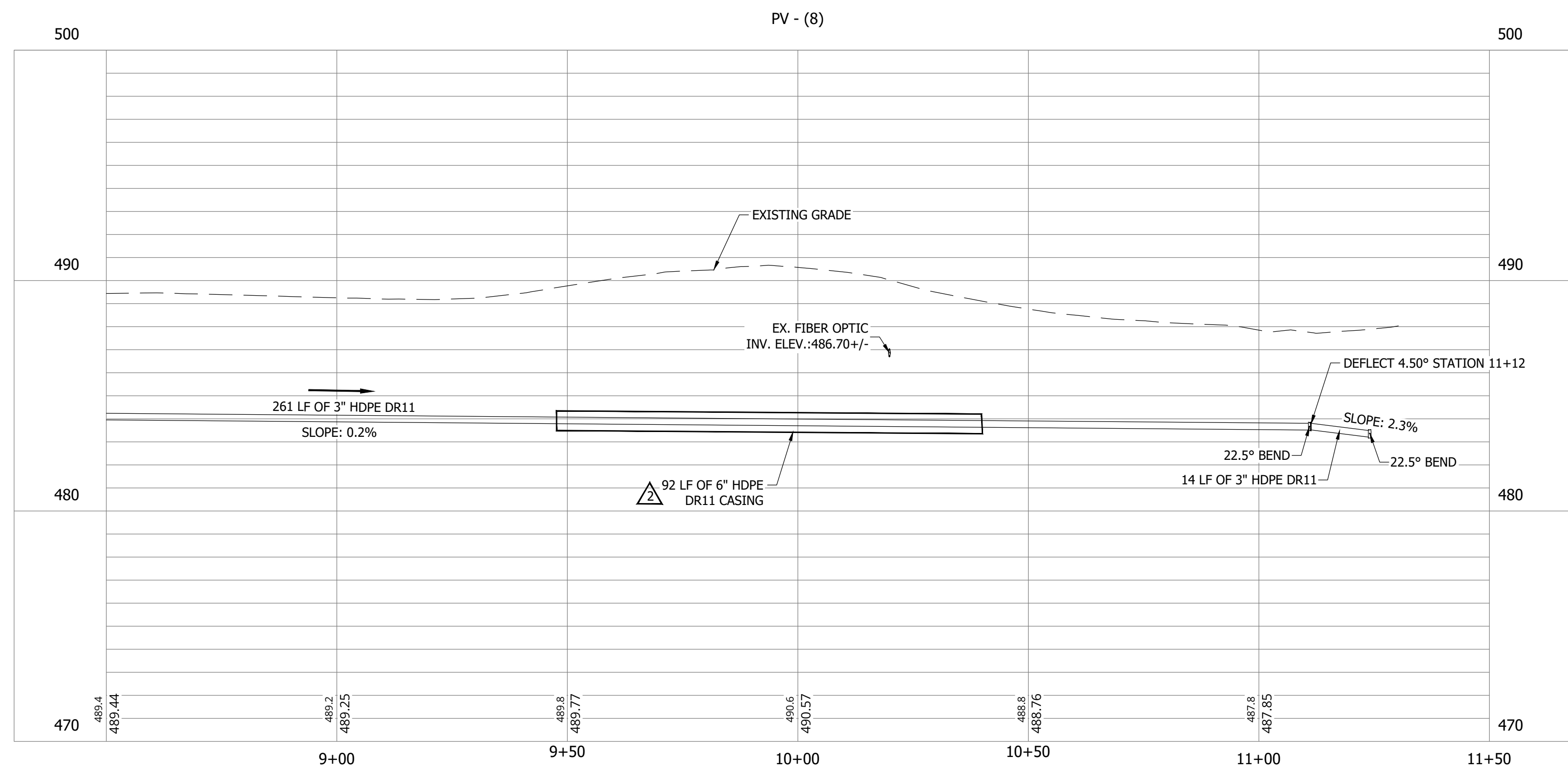
SEE SHEET C145

SEE SHEET C151



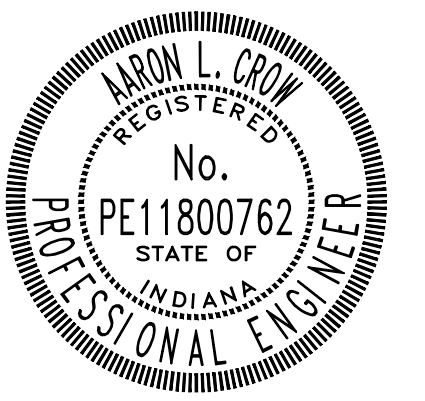
KEY PLAN

- NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

C146

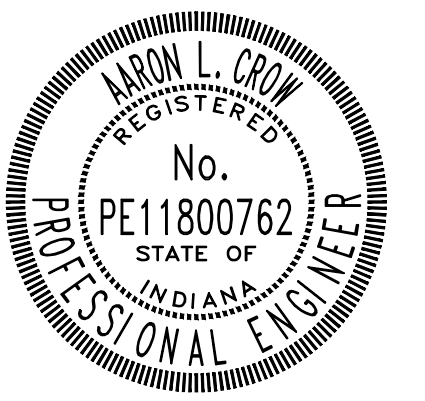
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

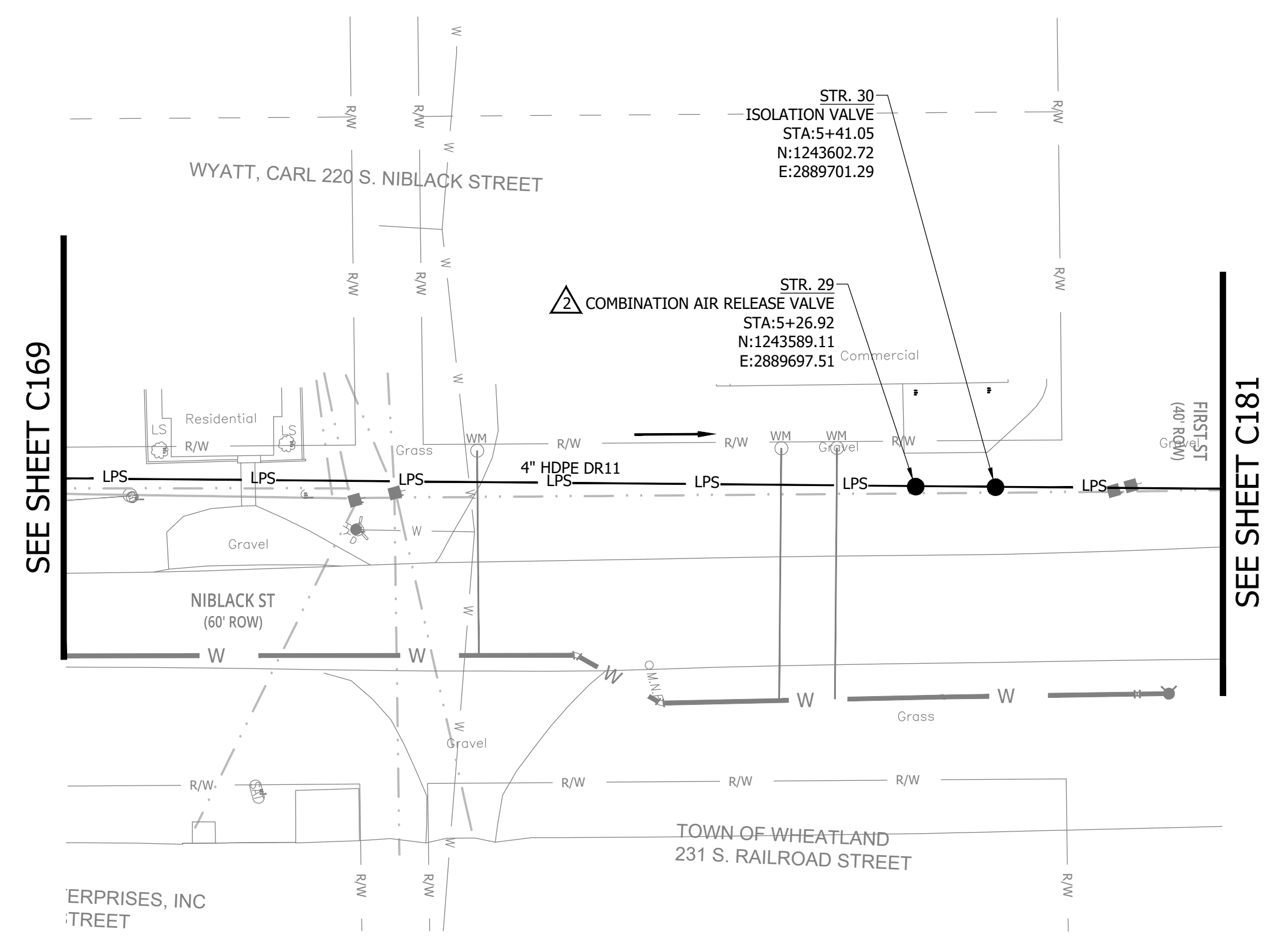
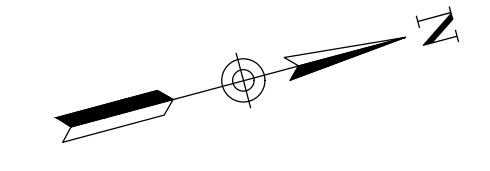


Aaron Crow

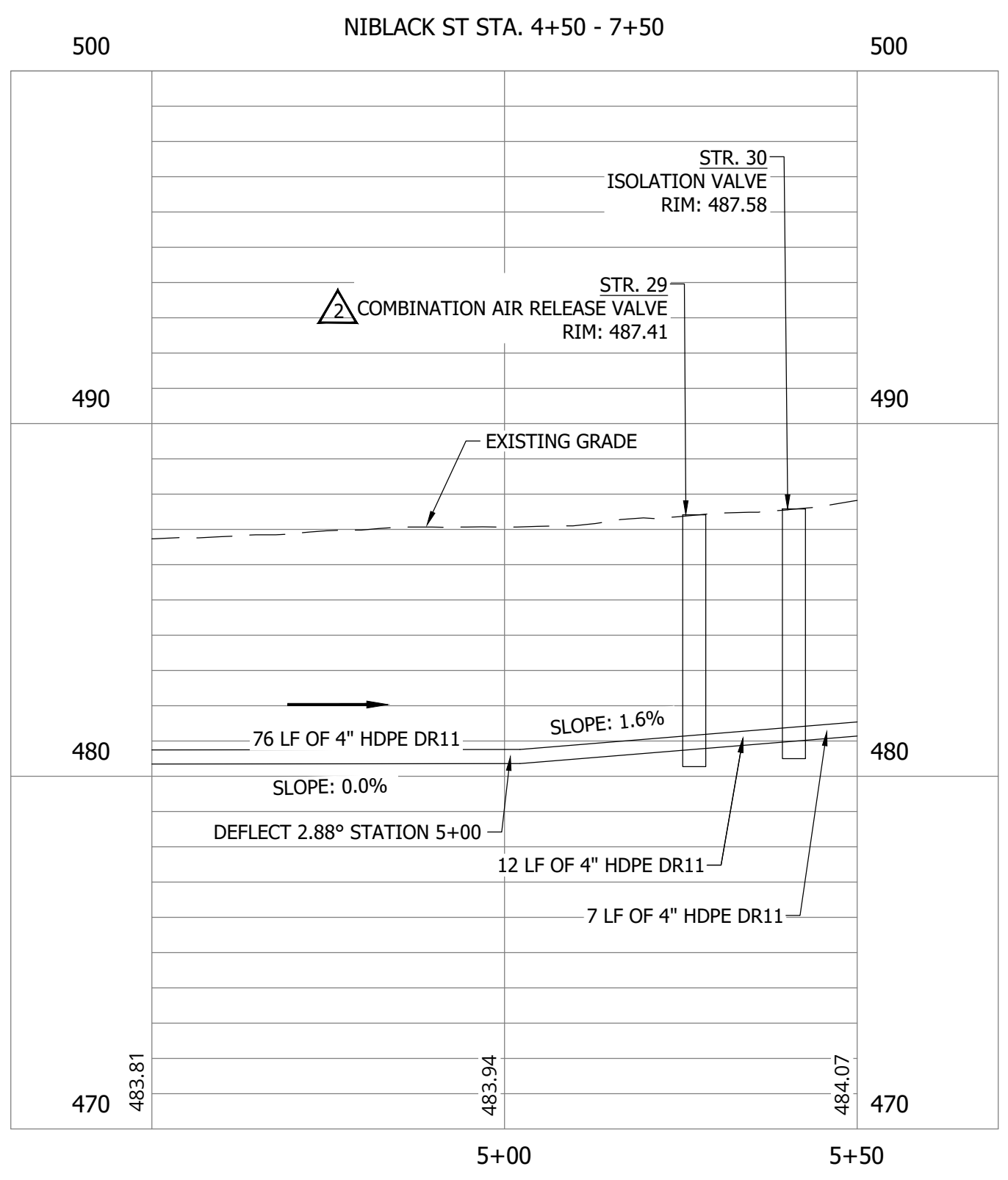
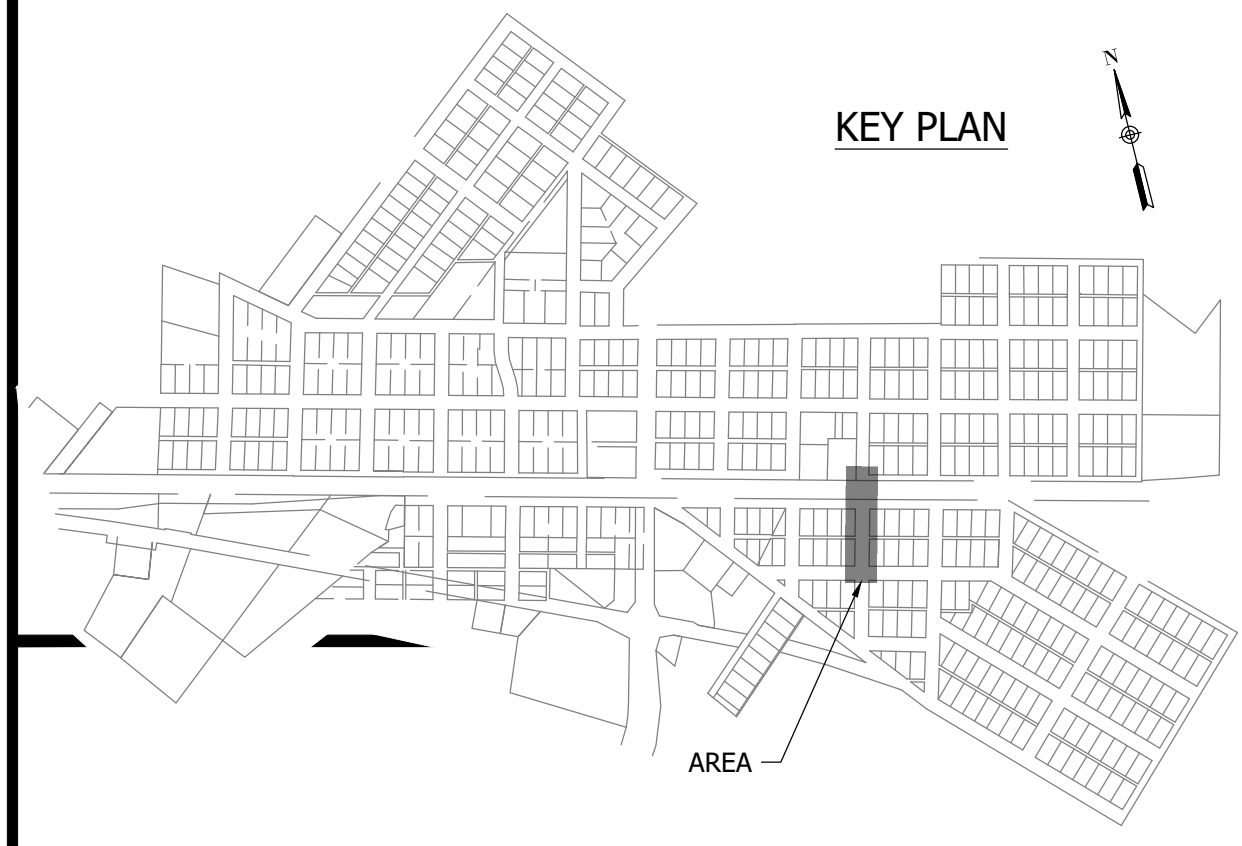


**SANITARY SEWER
 PLAN AND PROFILE**

C147



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

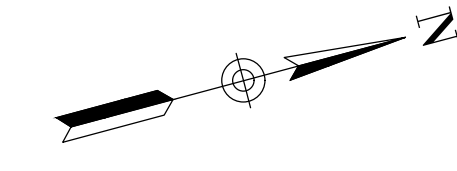
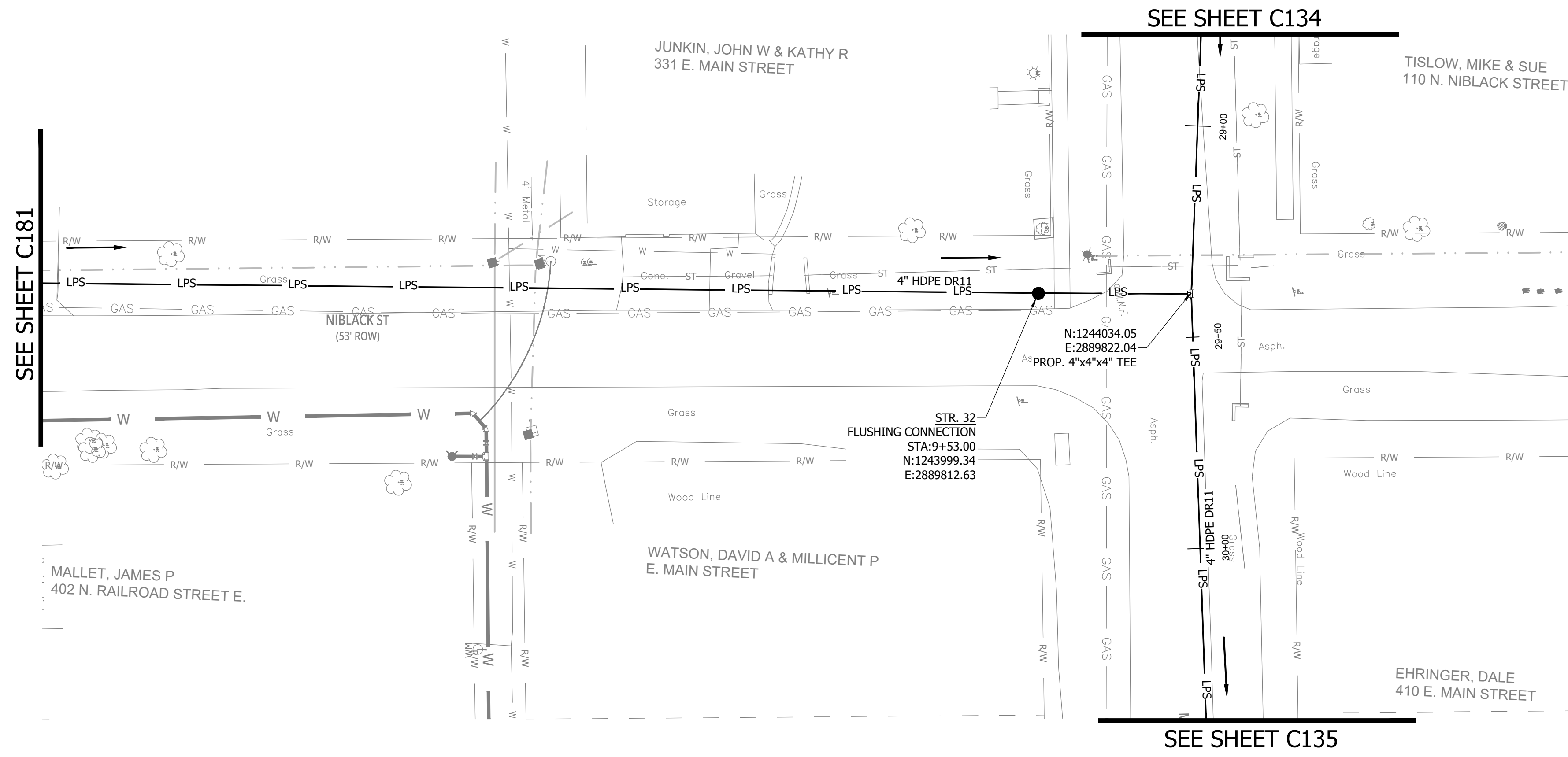


PRINT DATE: 9/27/23
 PLOT SCALE: 1:1
 EDIT DATE: 9/26/23 - 11:20 AM
 EDITED BY: RHUNT
 DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

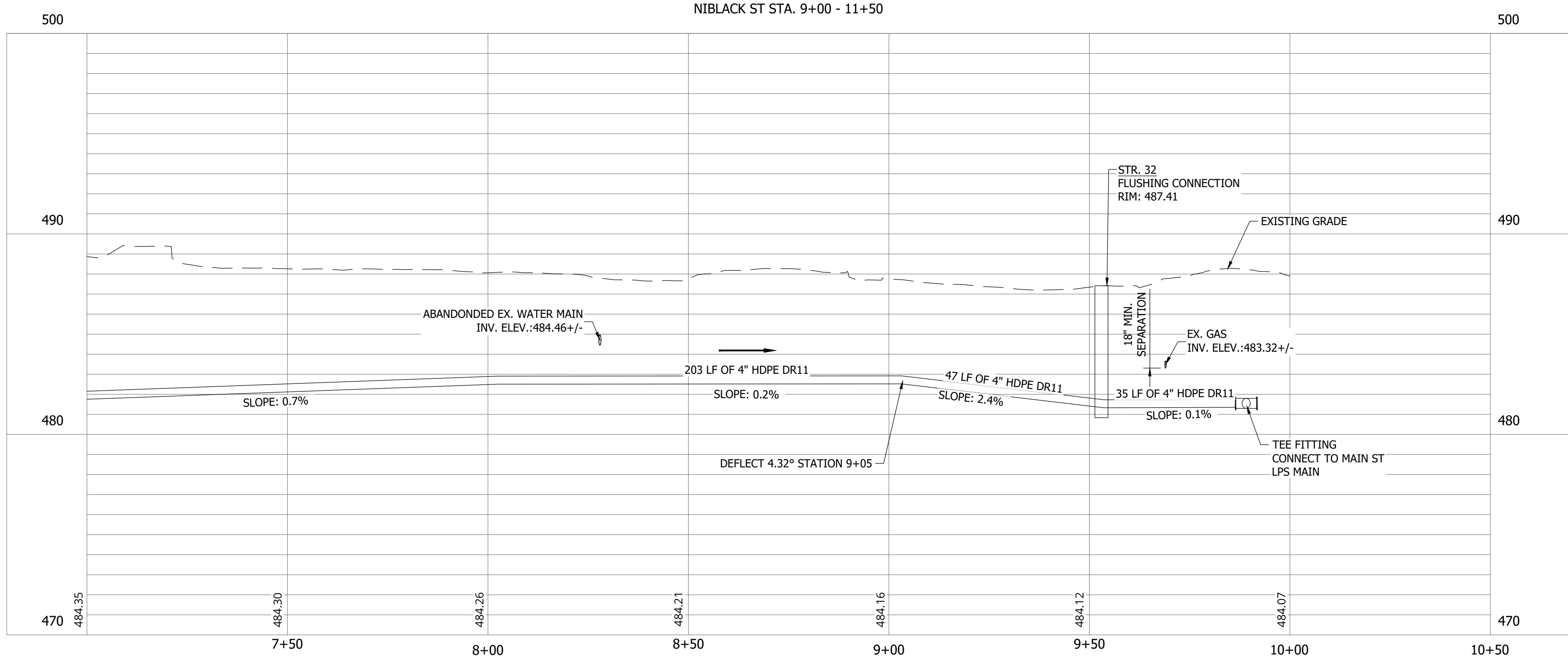
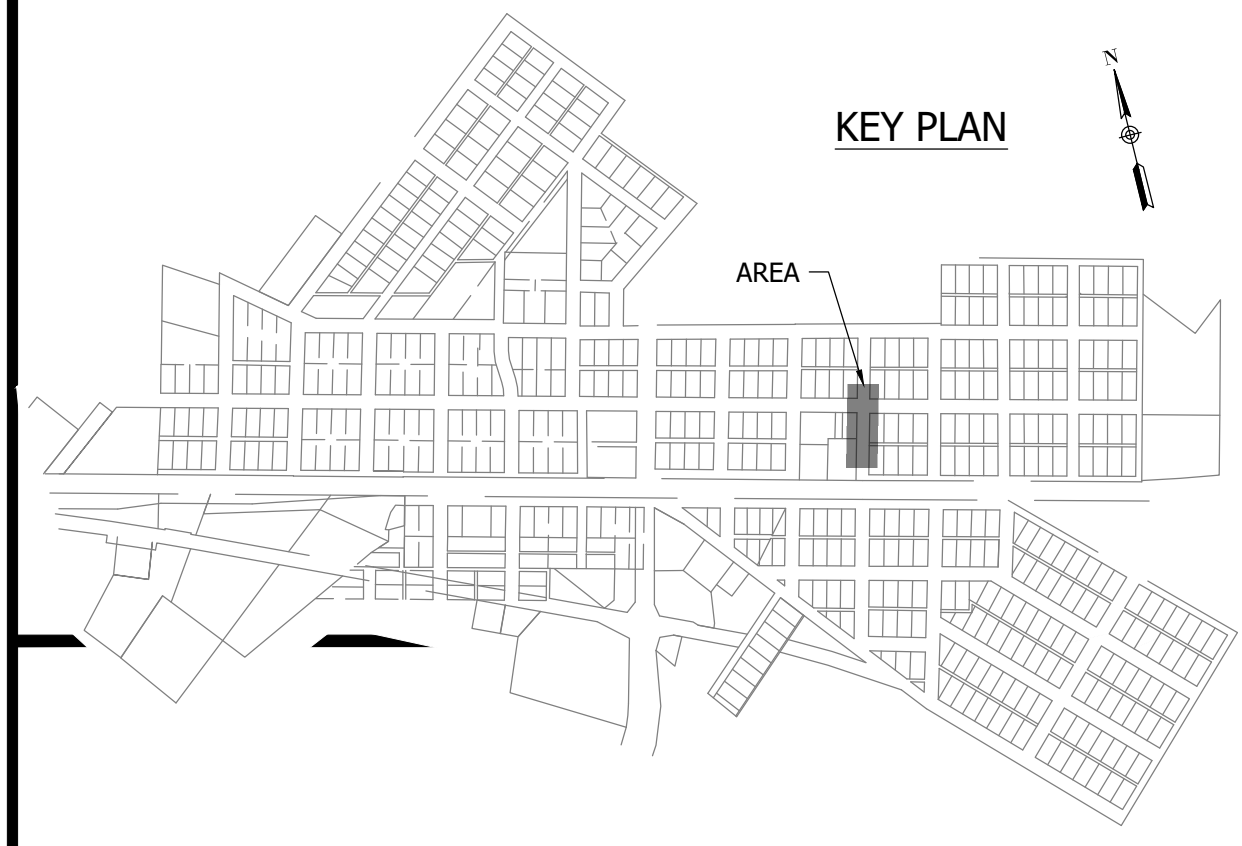
**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

CONSTRUCTION PLANS

WHEATLAND, IN 47597

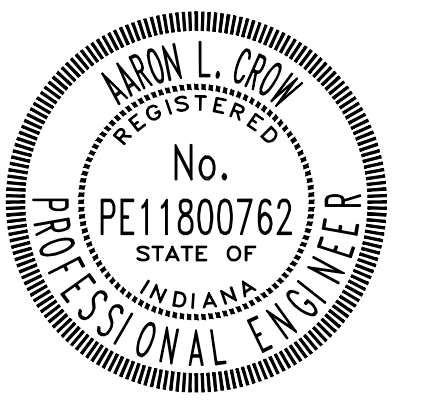


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C148

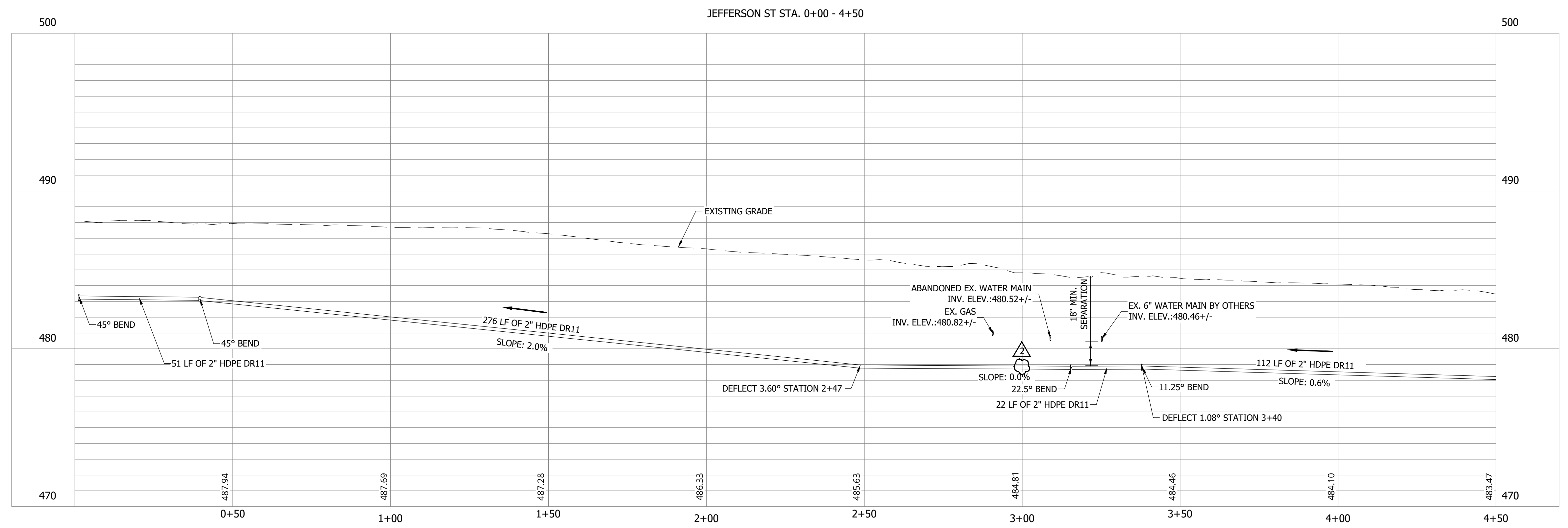
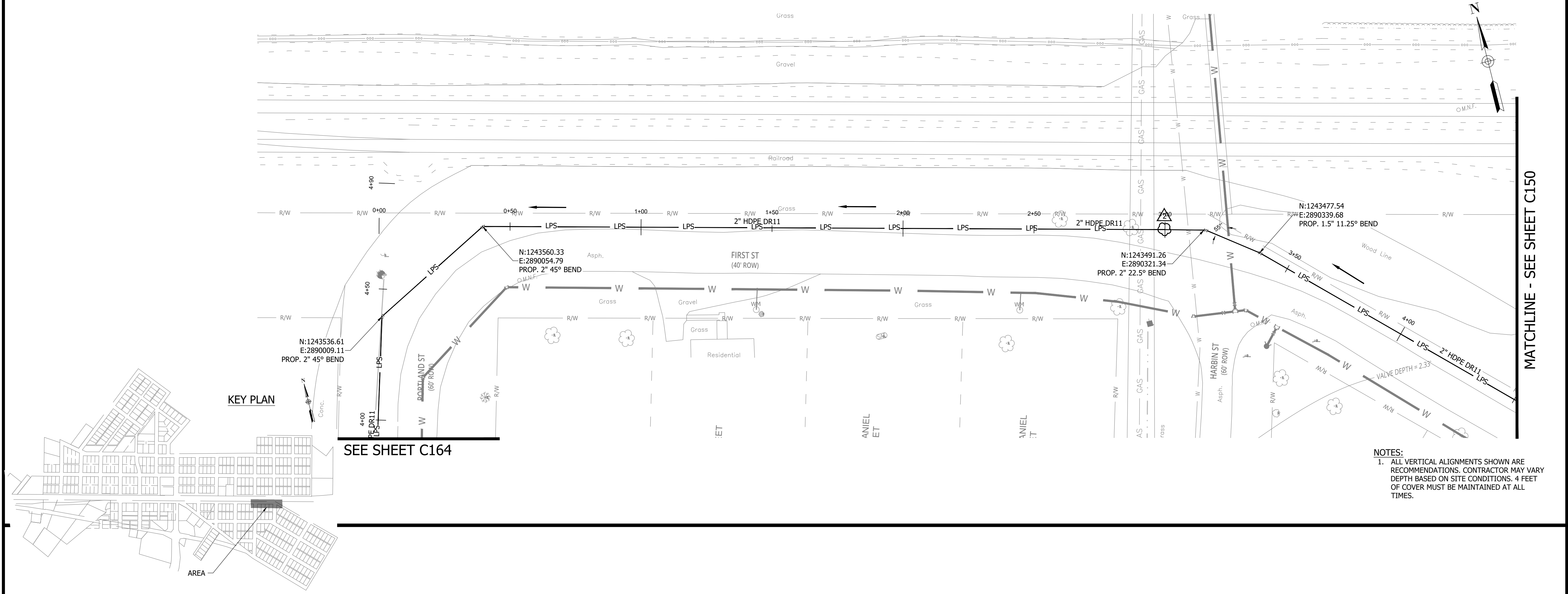
PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\CONSTRUCTION PLANS AND PROFILES.DWG

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

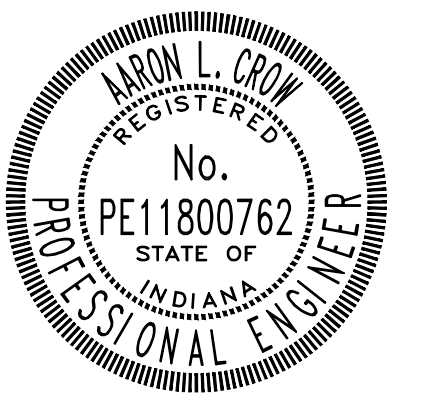
WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C149 SANITARY SEWER PLAN AND PROFILES.DWG



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



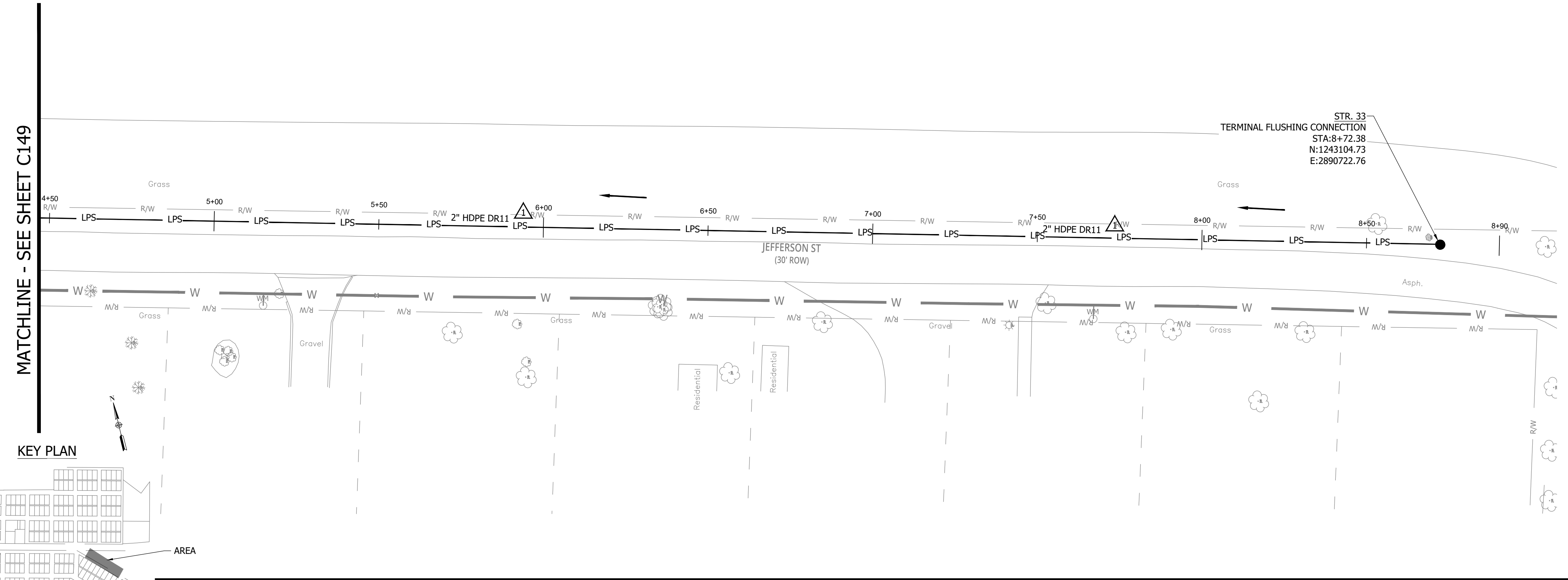
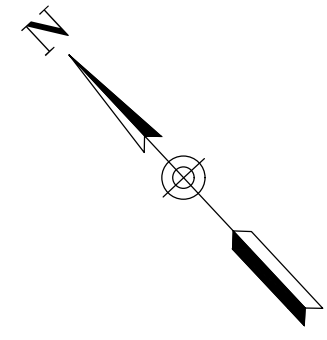
**SANITARY SEWER
PLAN AND PROFILE**

C149

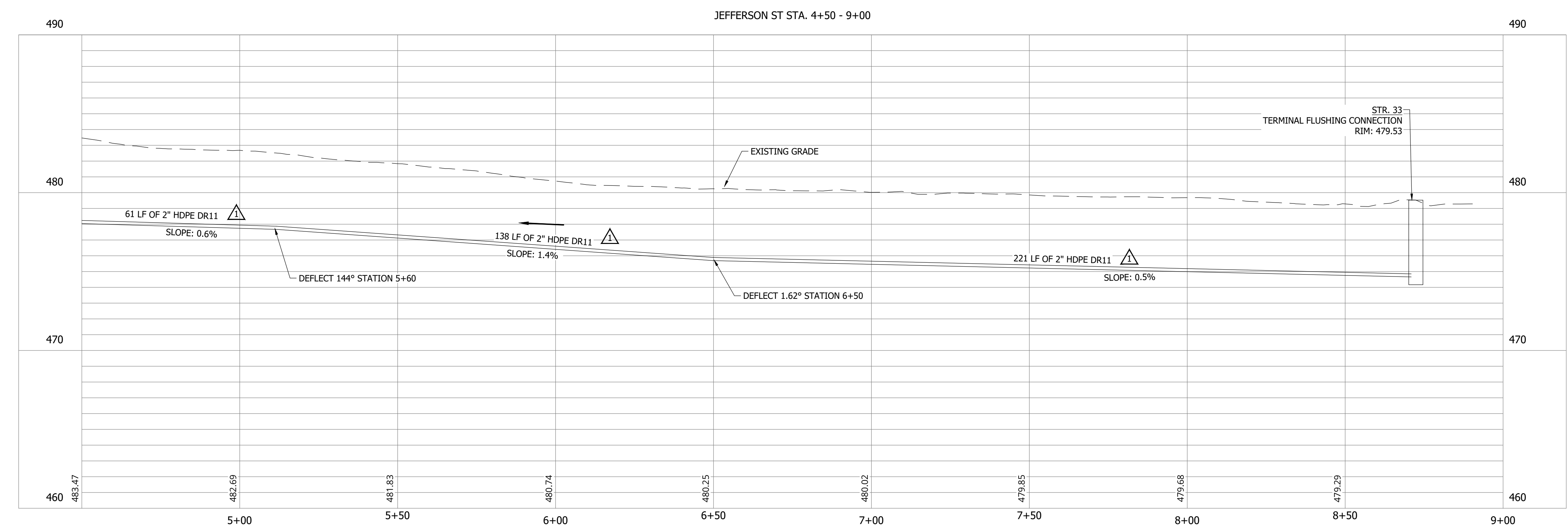
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

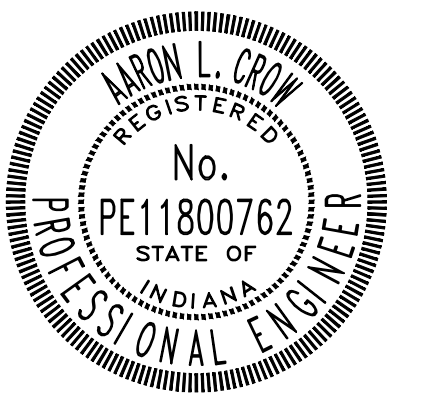


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

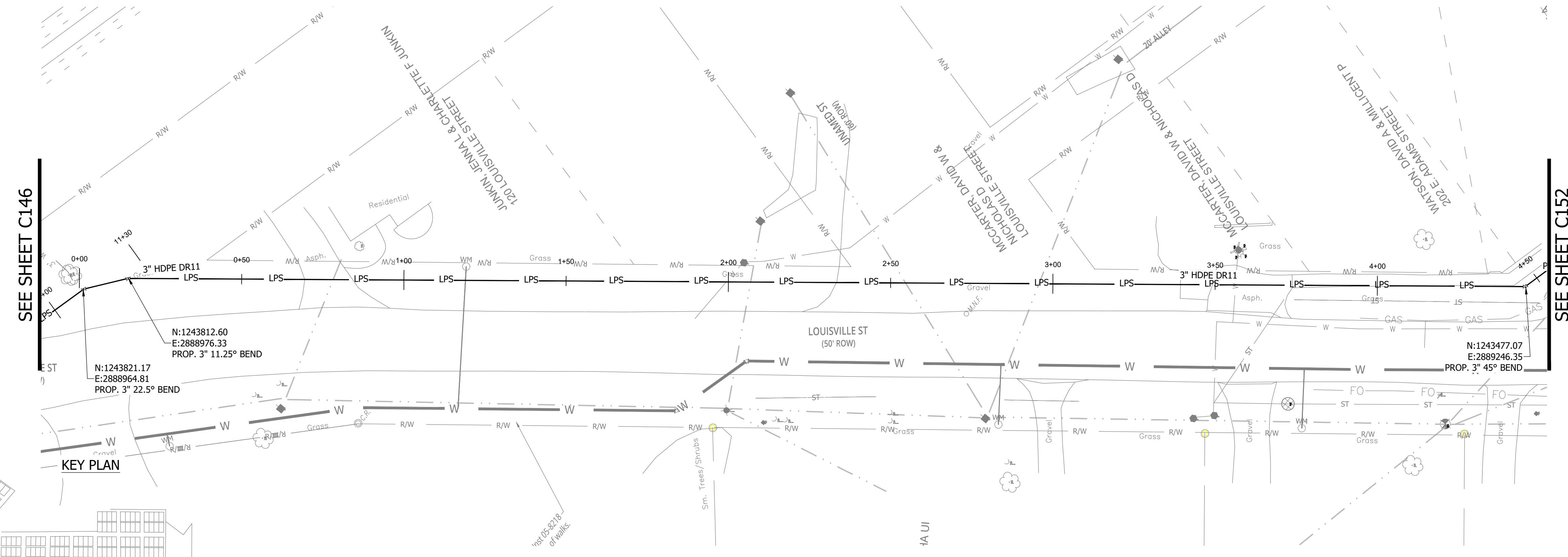
C150

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

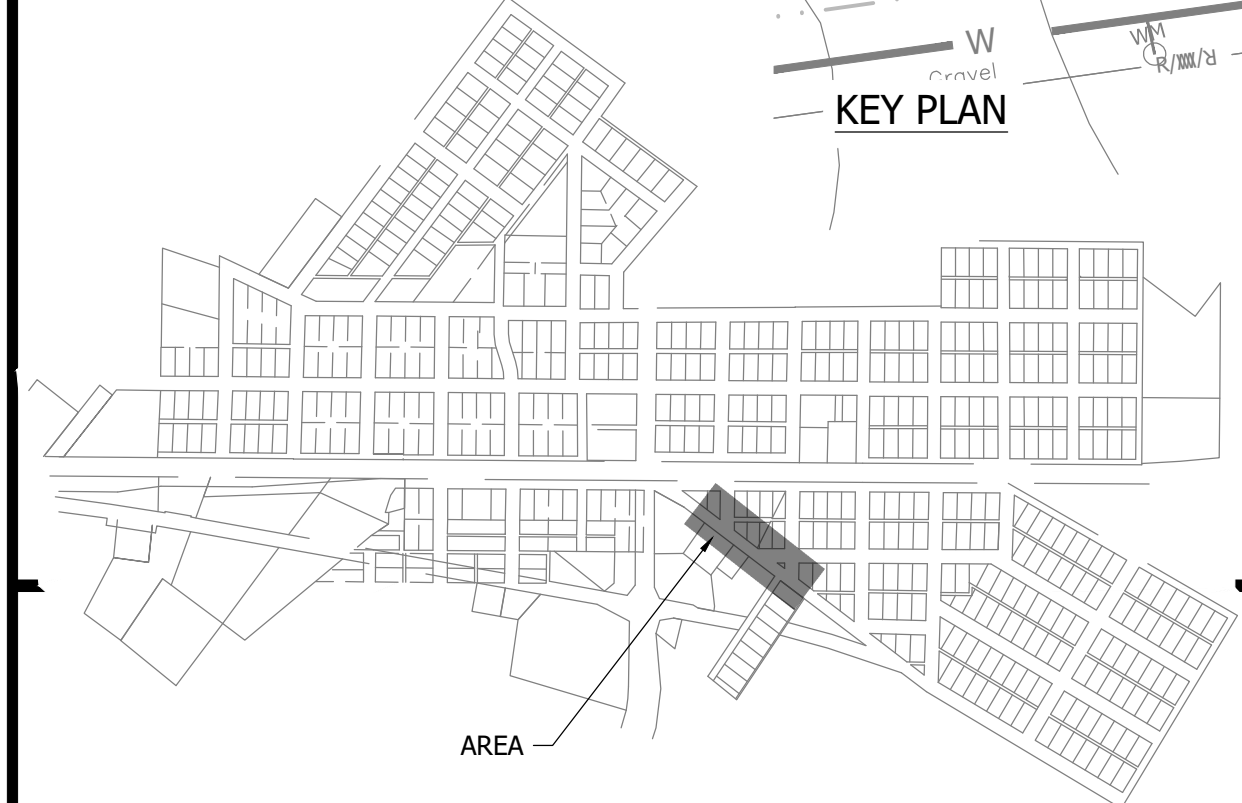
WHEATLAND, IN 47597



SEE SHEET C146

SEE SHEET C152

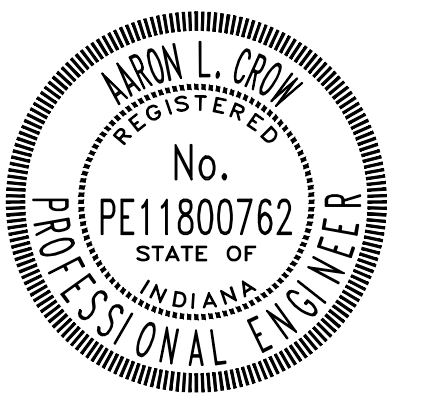
KEY PLAN



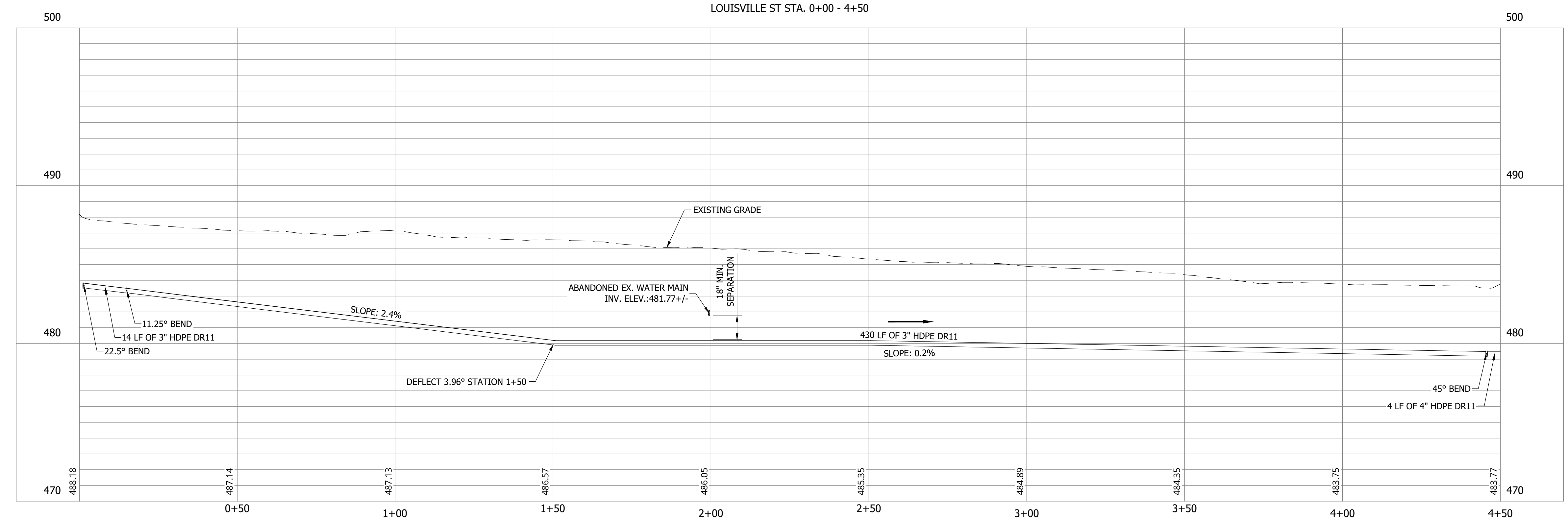
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



PRINT DATE: 9/27/23
PLOT SCALE: 1:1
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG
EDIT DATE: 9/26/23 - 11:20 AM
EDITED BY: RHUNT

**SANITARY SEWER
PLAN AND PROFILE**

C151

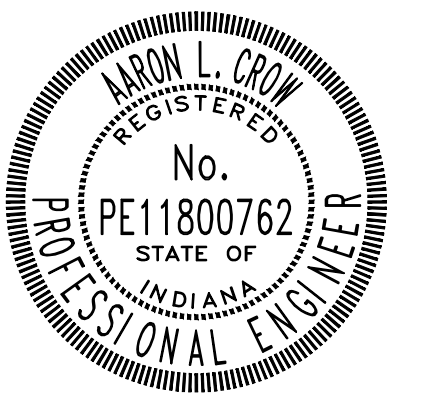
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

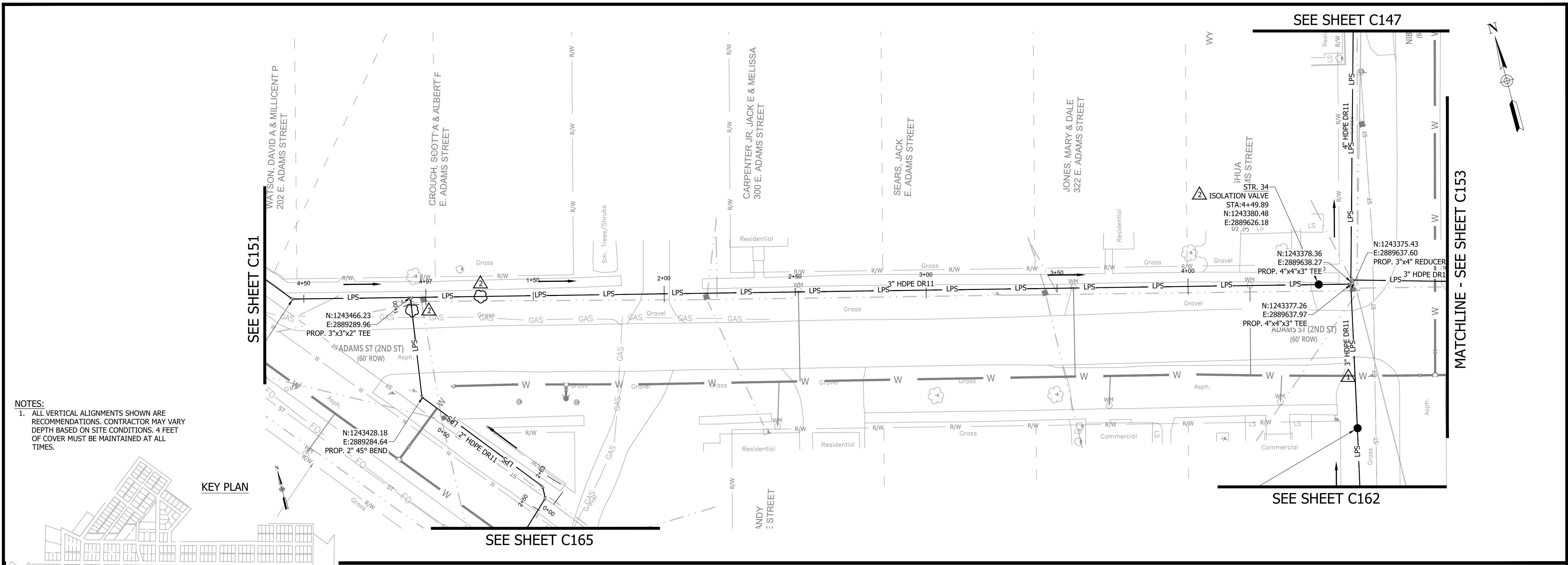


Aaron Crow

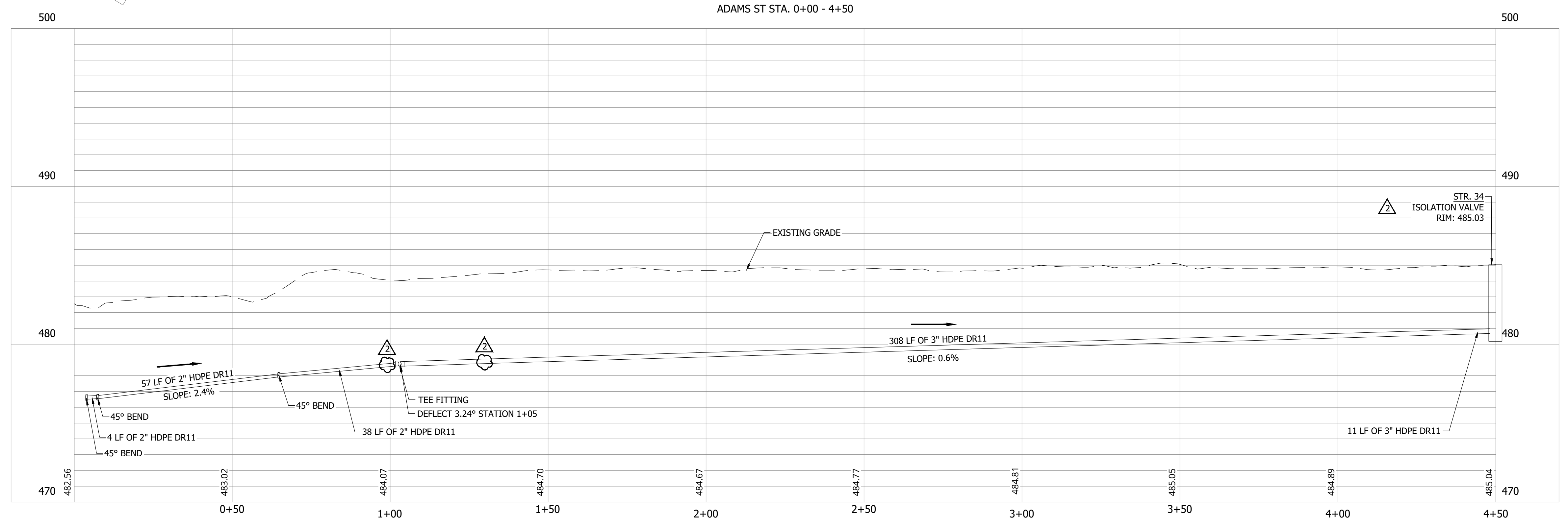
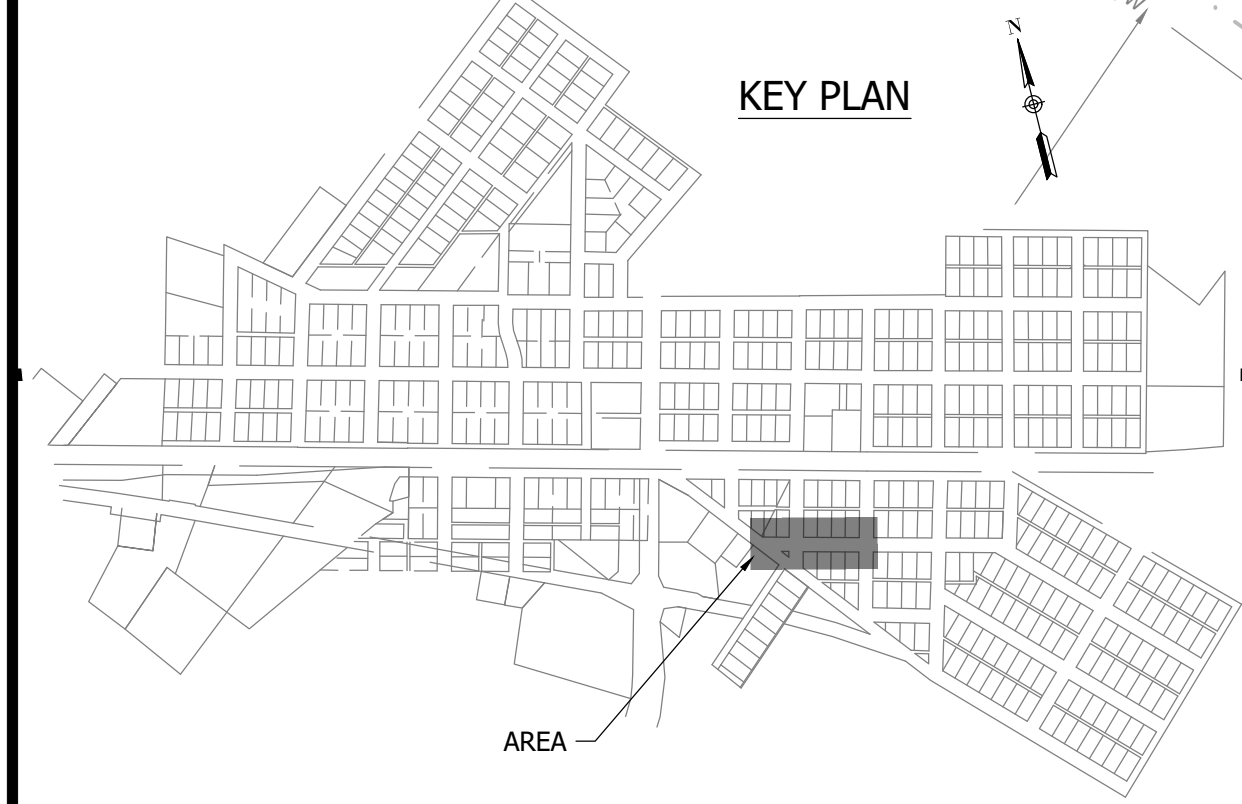


**SANITARY SEWER
PLAN AND PROFILE**

C152



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



PRINT DATE: 9/27/23
 PLOT SCALE: 1:1
 EDIT DATE: 9/26/23 11:20 AM
 EDITED BY: RHJUNT
 DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C153 SANITARY SEWER PLAN AND PROFILES.DWG

MATCHLINE - SEE SHEET C152

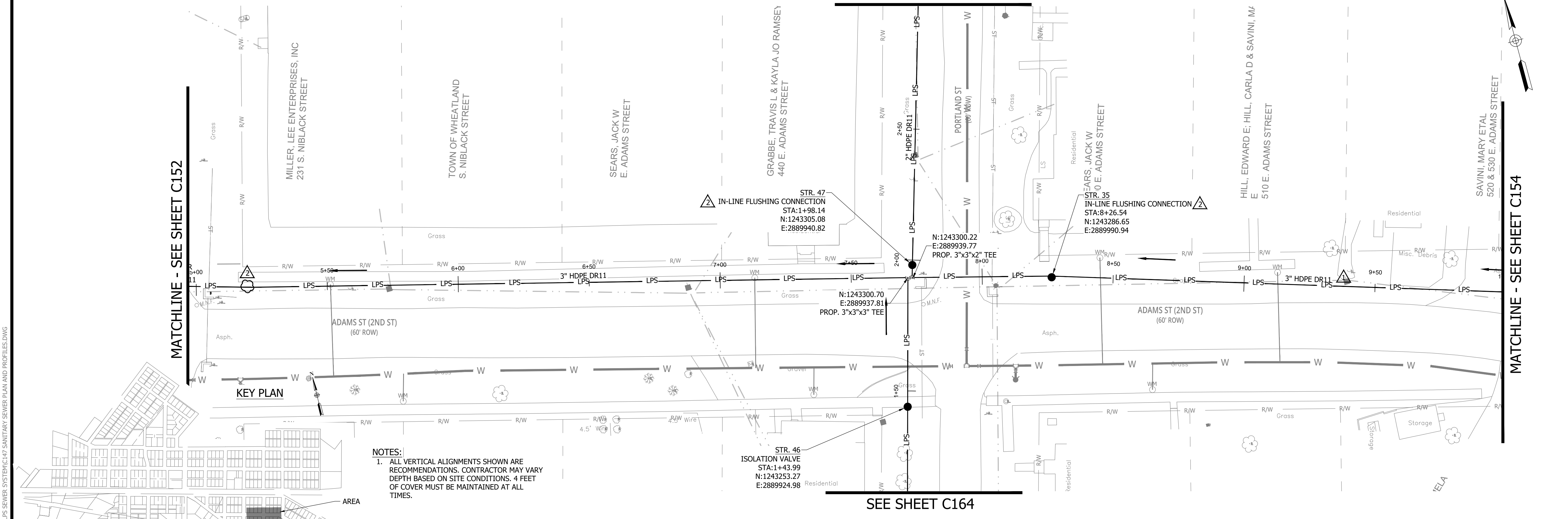
MATCHLINE - SEE SHEET C154

KEY PLAN

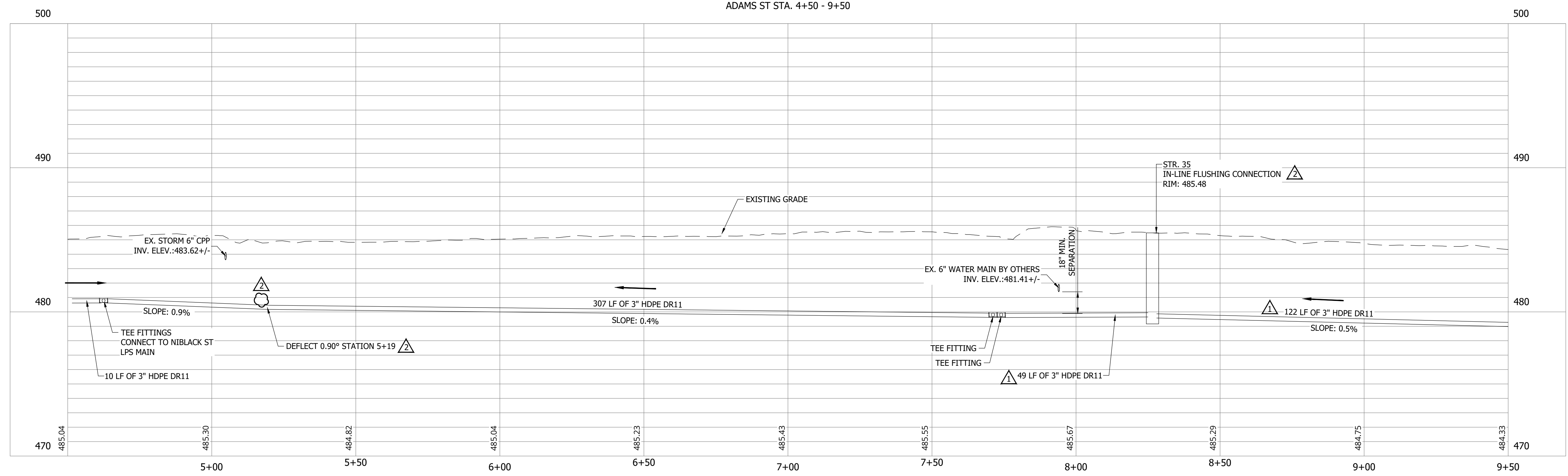
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

SEE SHEET C164

SEE SHEET C164

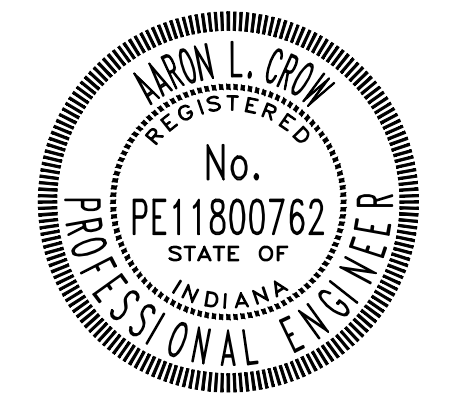


ADAMS ST STA. 4+50 - 9+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

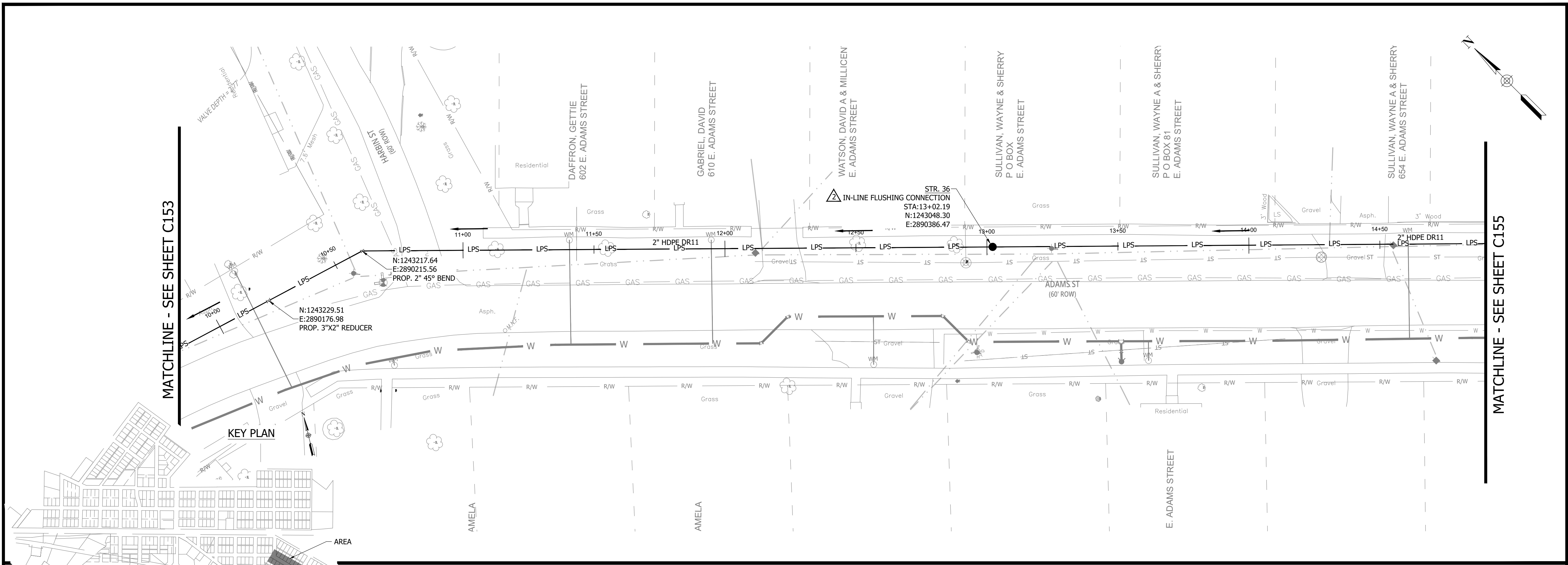
C153

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

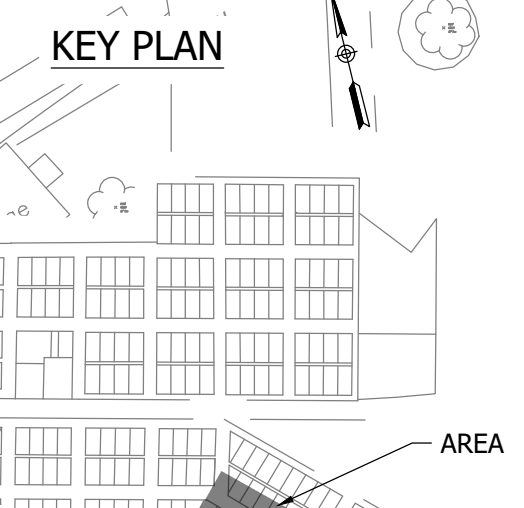
WHEATLAND, IN 47597

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/26/23 11:20 AM EDITED BY: RLHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C154 SANITARY SEWER PLAN AND PROFILES.DWG



MATCHLINE - SEE SHEET C153

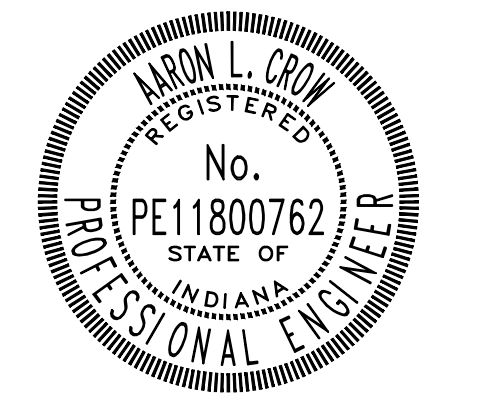
MATCHLINE - SEE SHEET C155



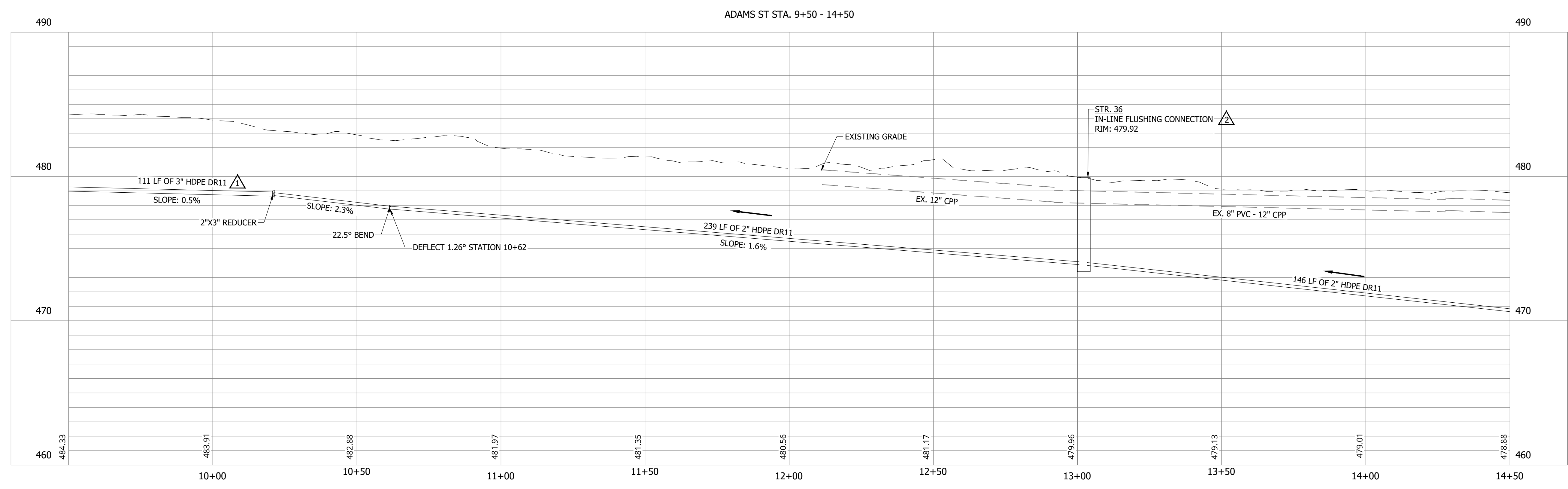
- NOTES:**
- ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



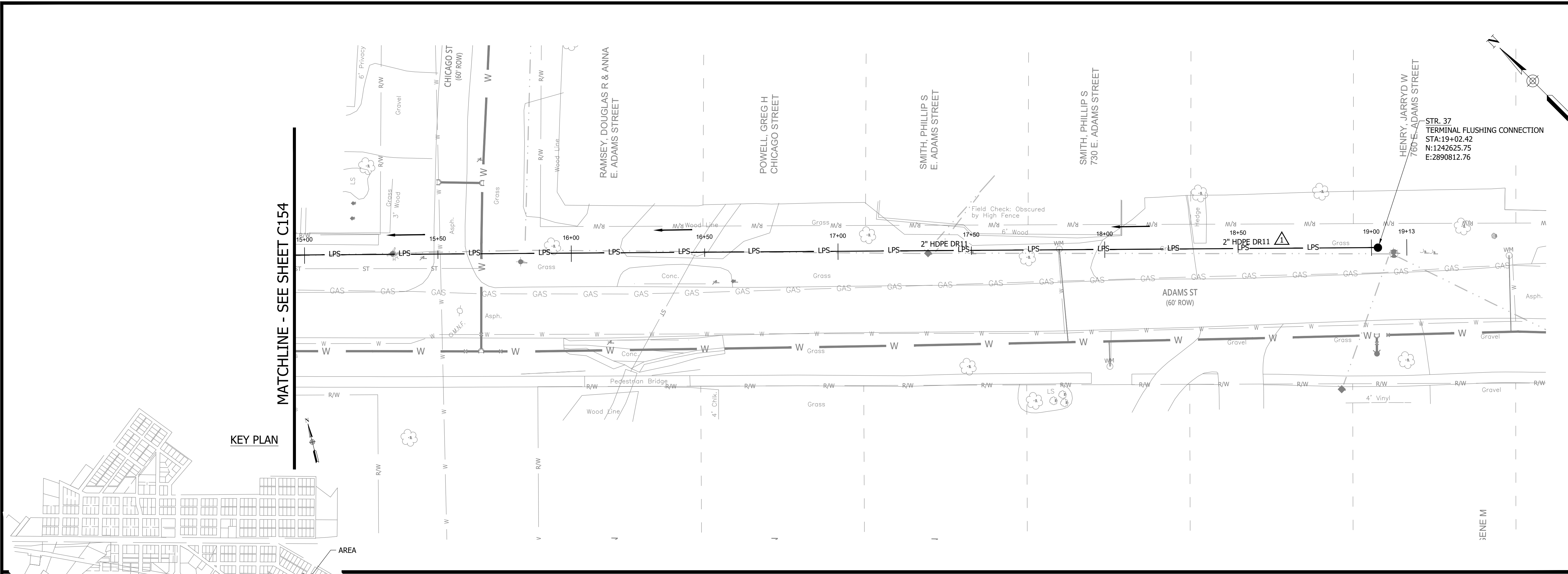
**SANITARY SEWER
 PLAN AND PROFILE**

C154

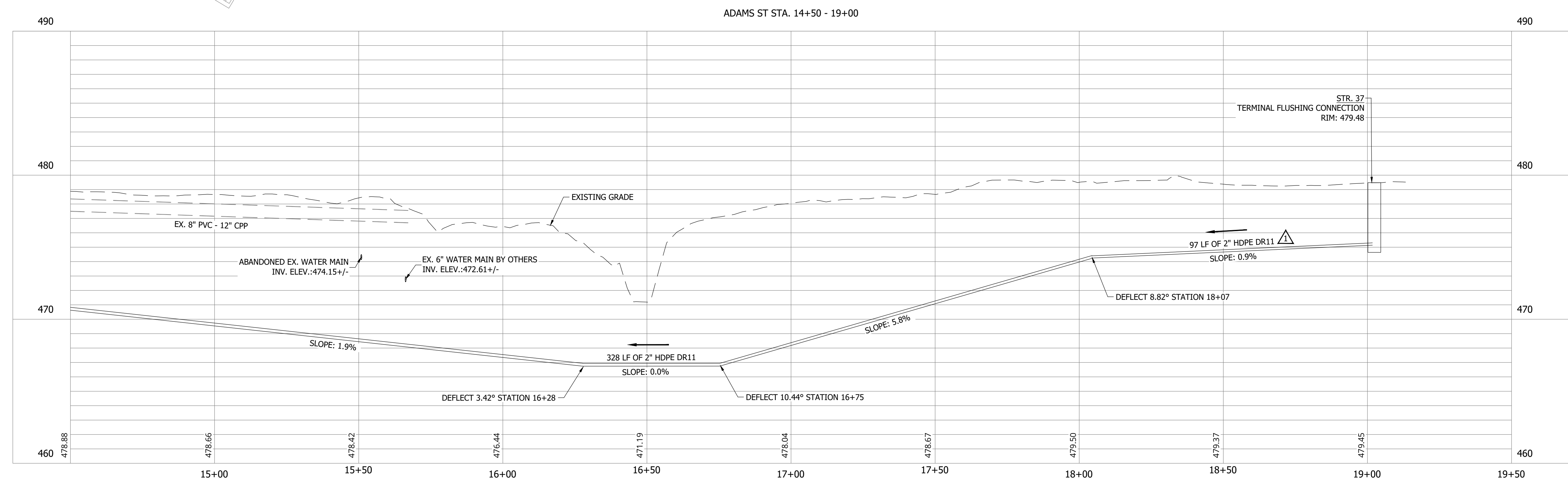
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

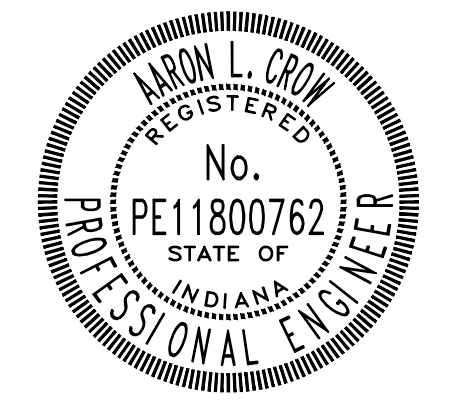


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



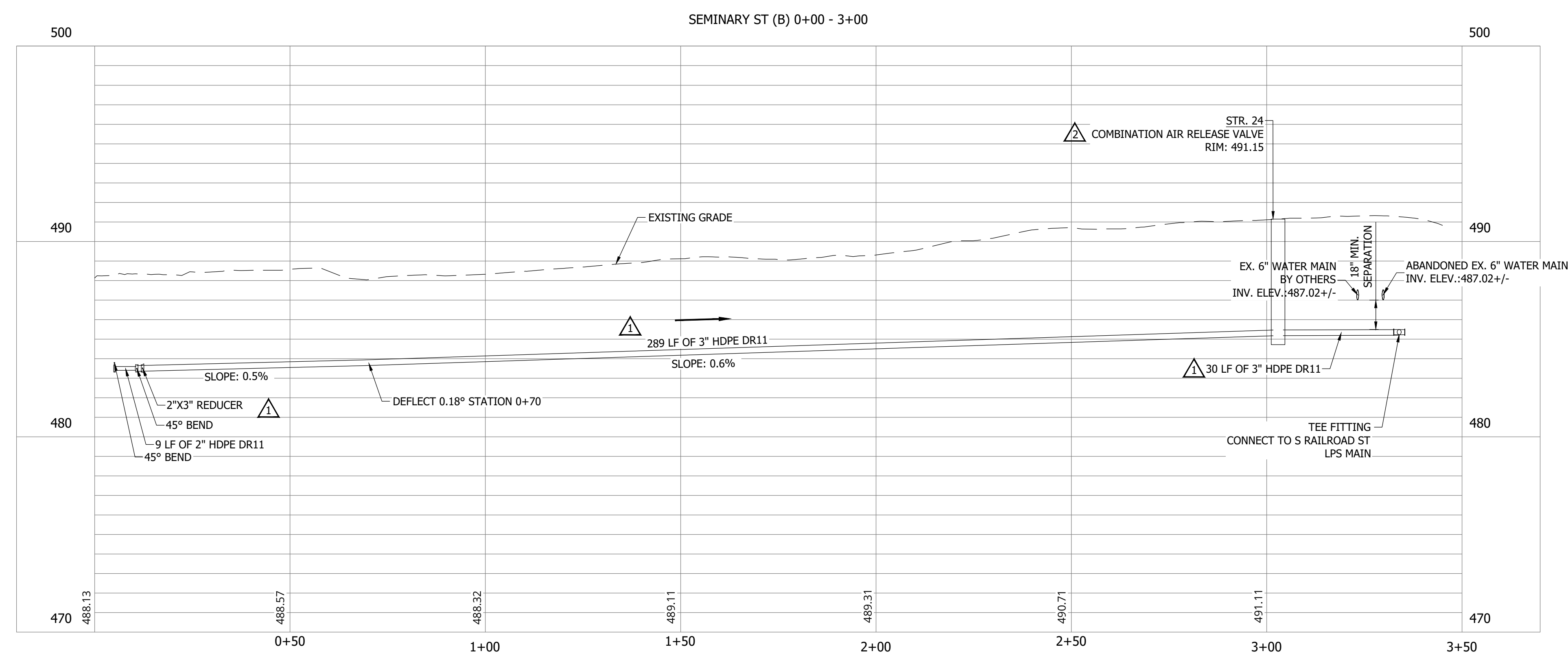
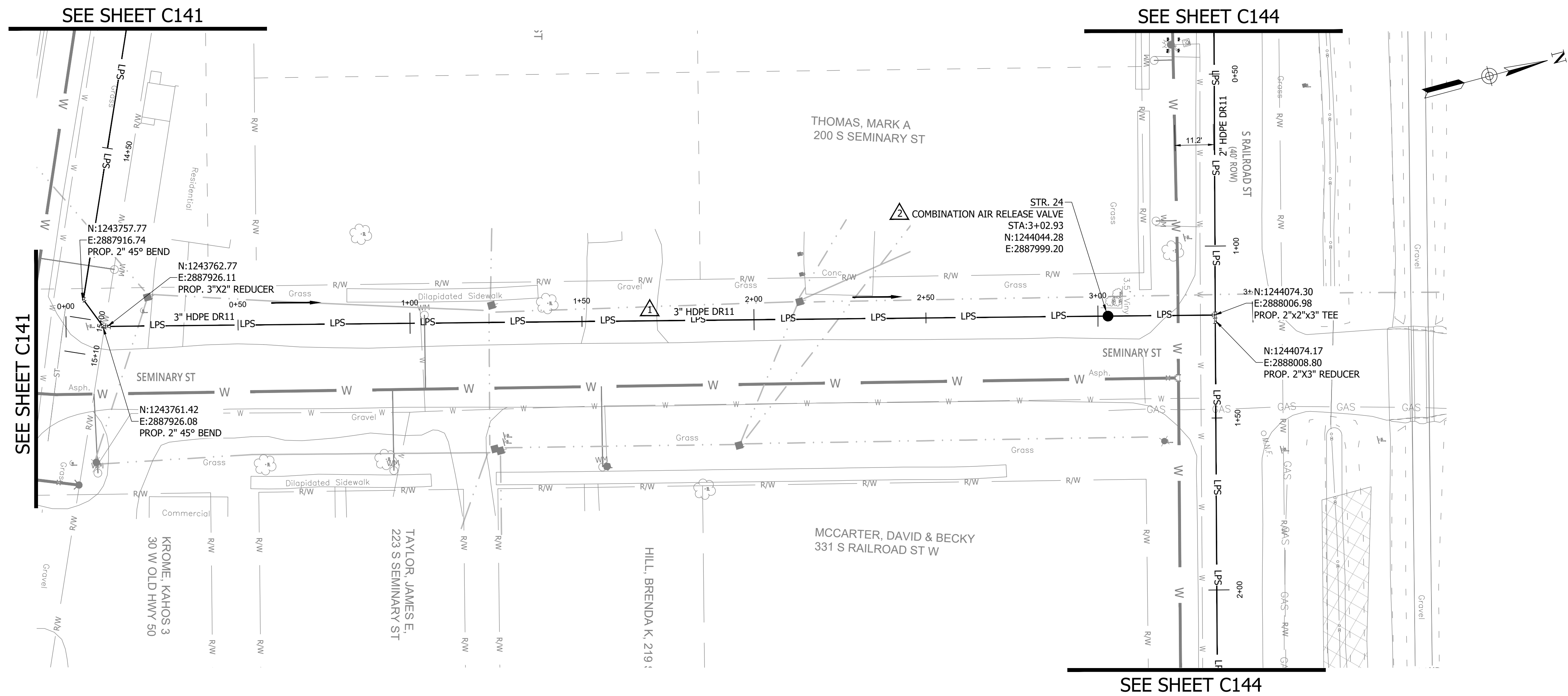
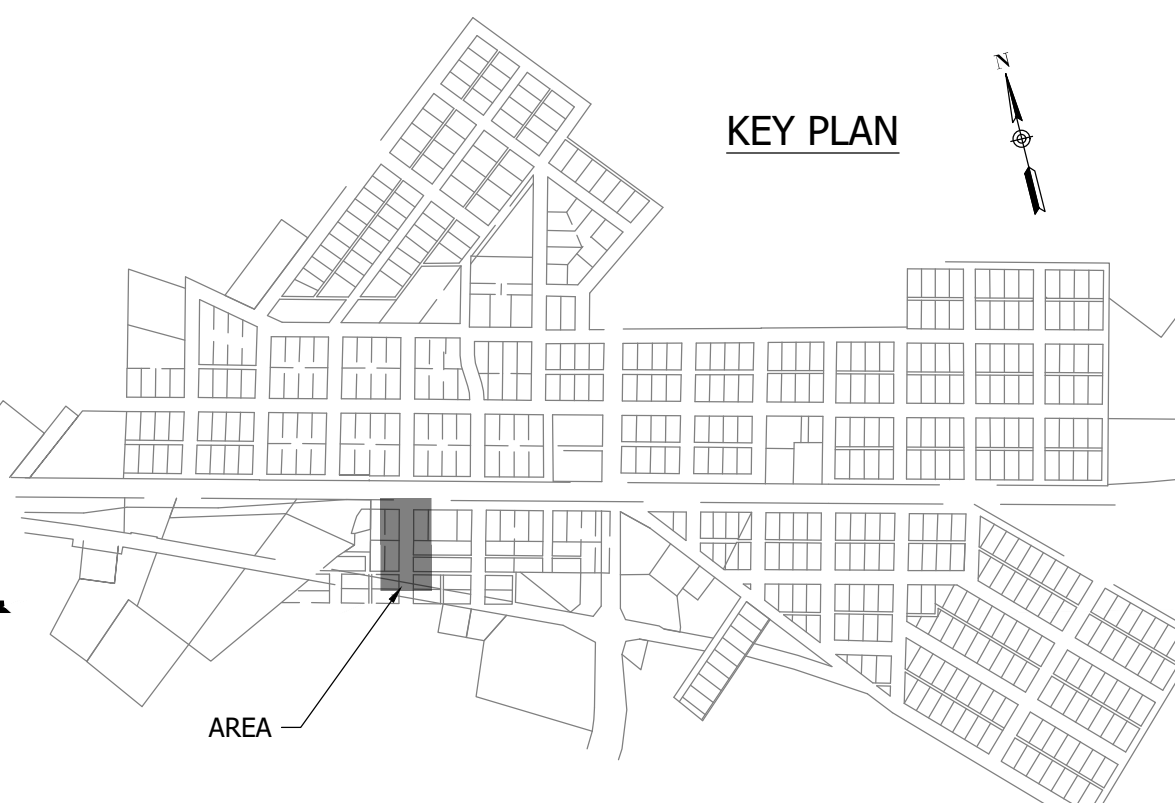
**SANITARY SEWER
PLAN AND PROFILE**

C155

WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

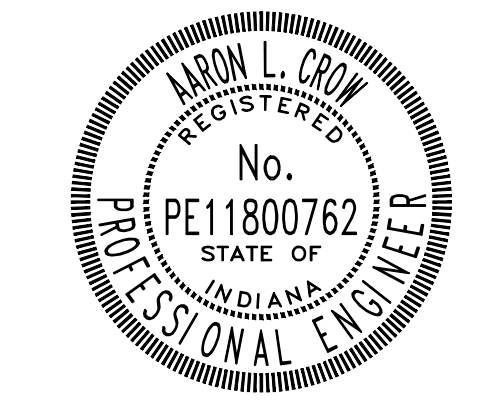
CONSTRUCTION PLANS



- NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aron Crow

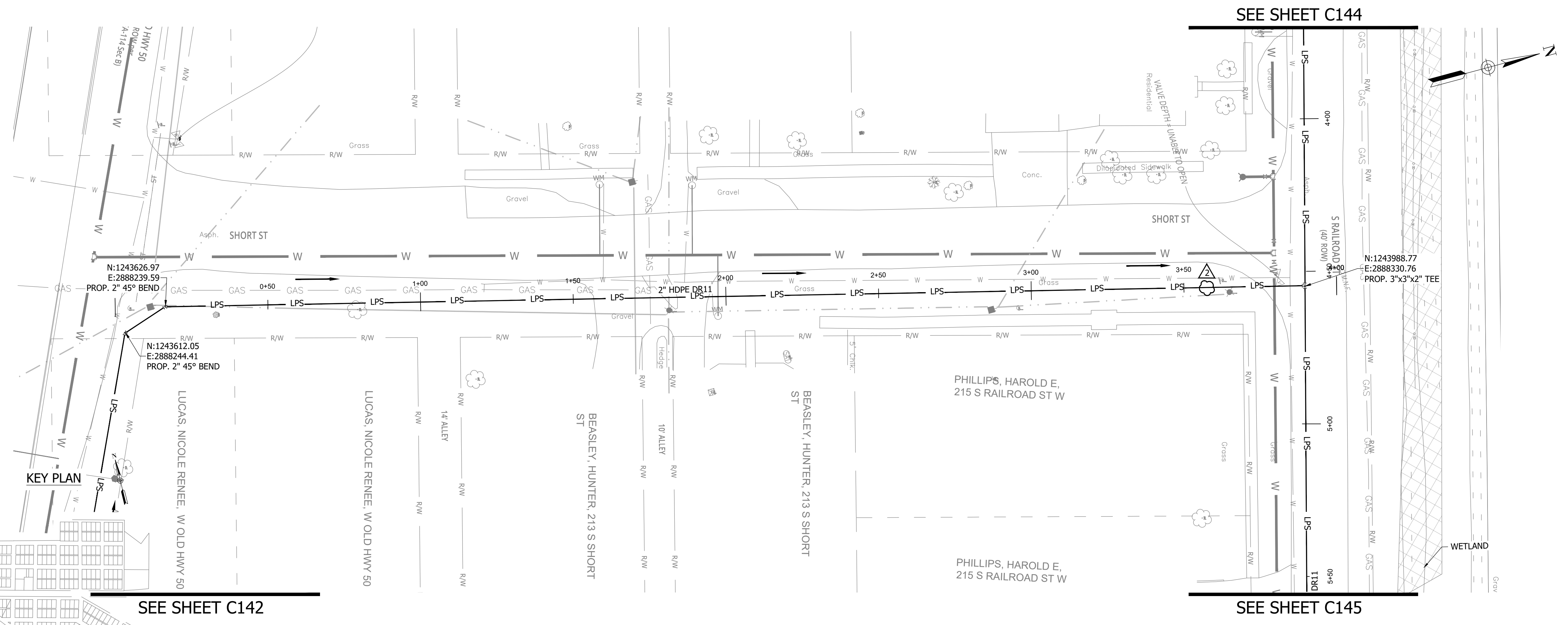


SANITARY SEWER
PLAN AND PROFILE

C156

PRINT DATE: 9/27/23
PLOT SCALE: 1:1
DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

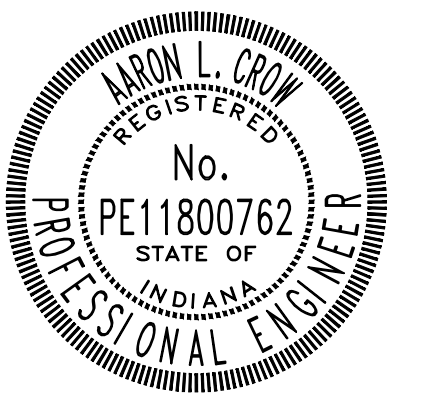
CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**
 WHEATLAND, IN 47597



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

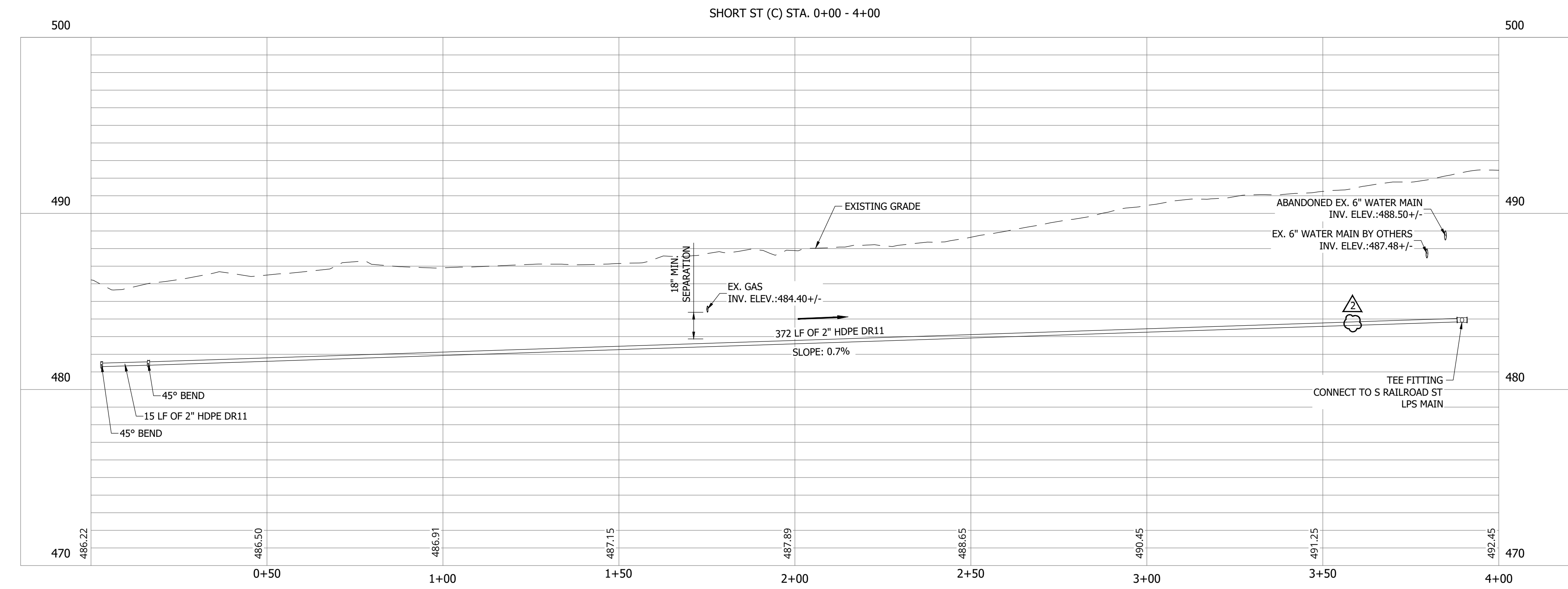


Aaron Crow



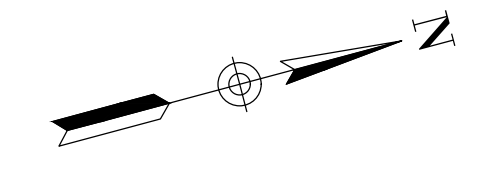
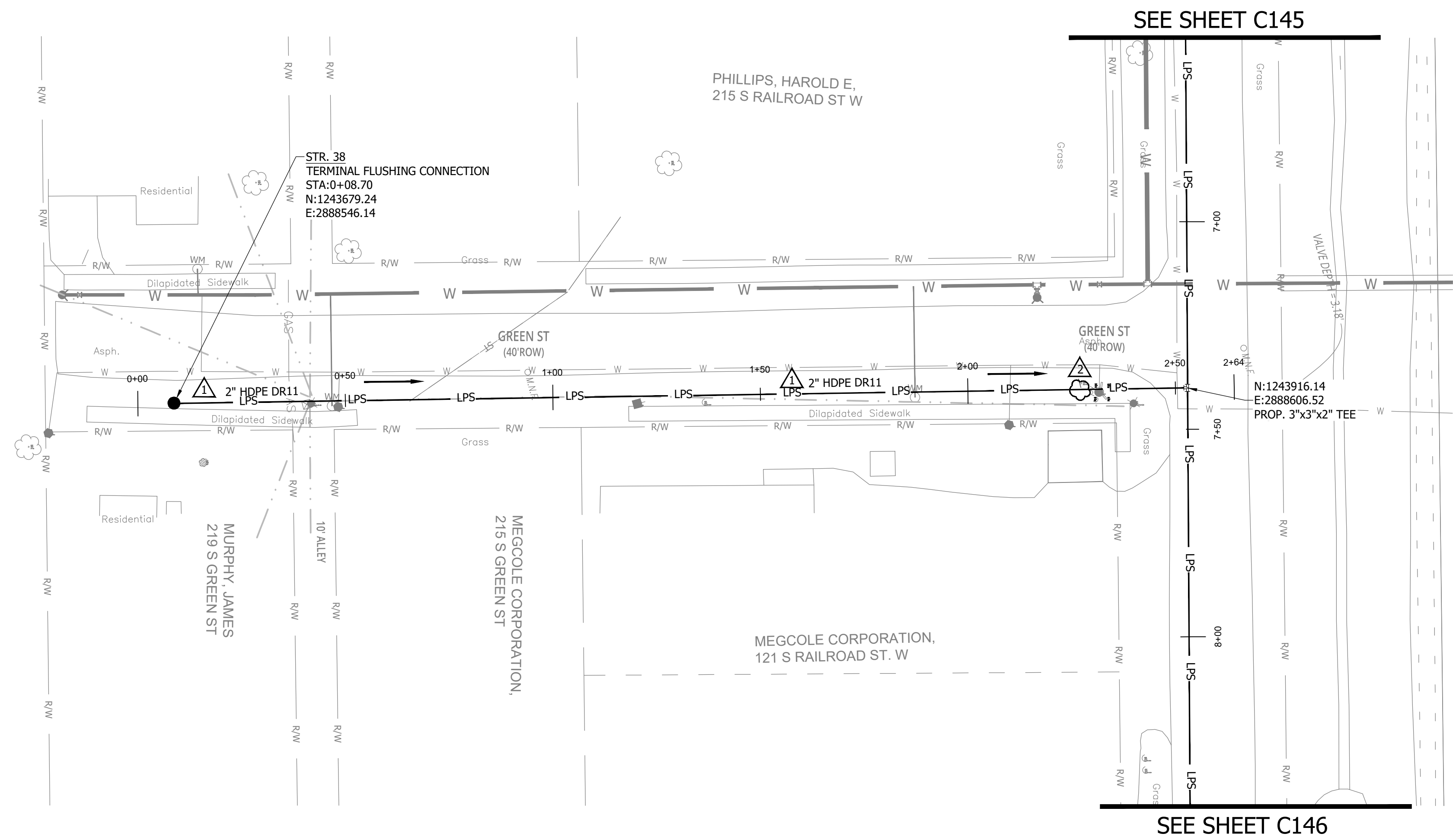
**SANITARY SEWER
 PLAN AND PROFILE**

C157

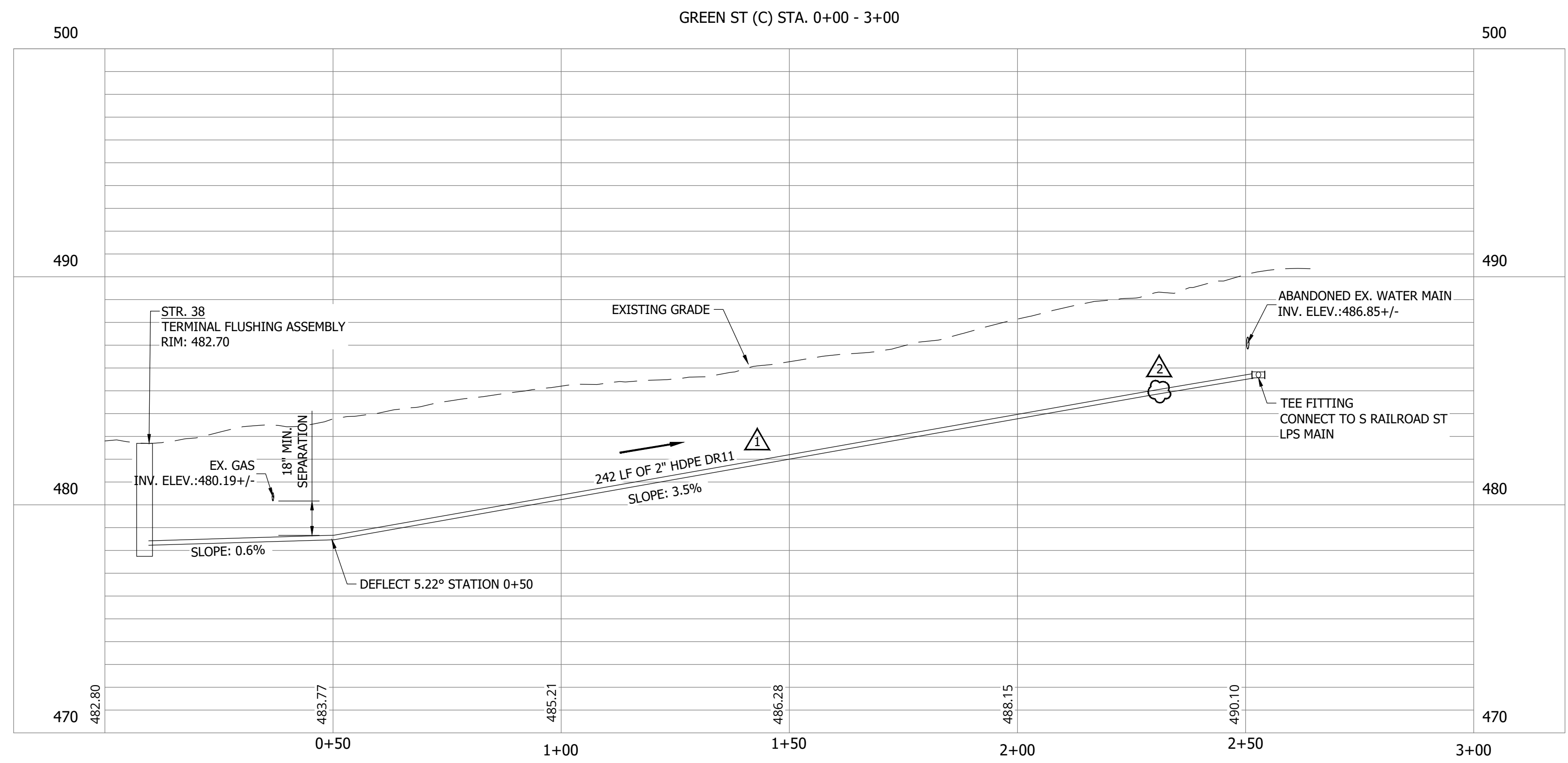
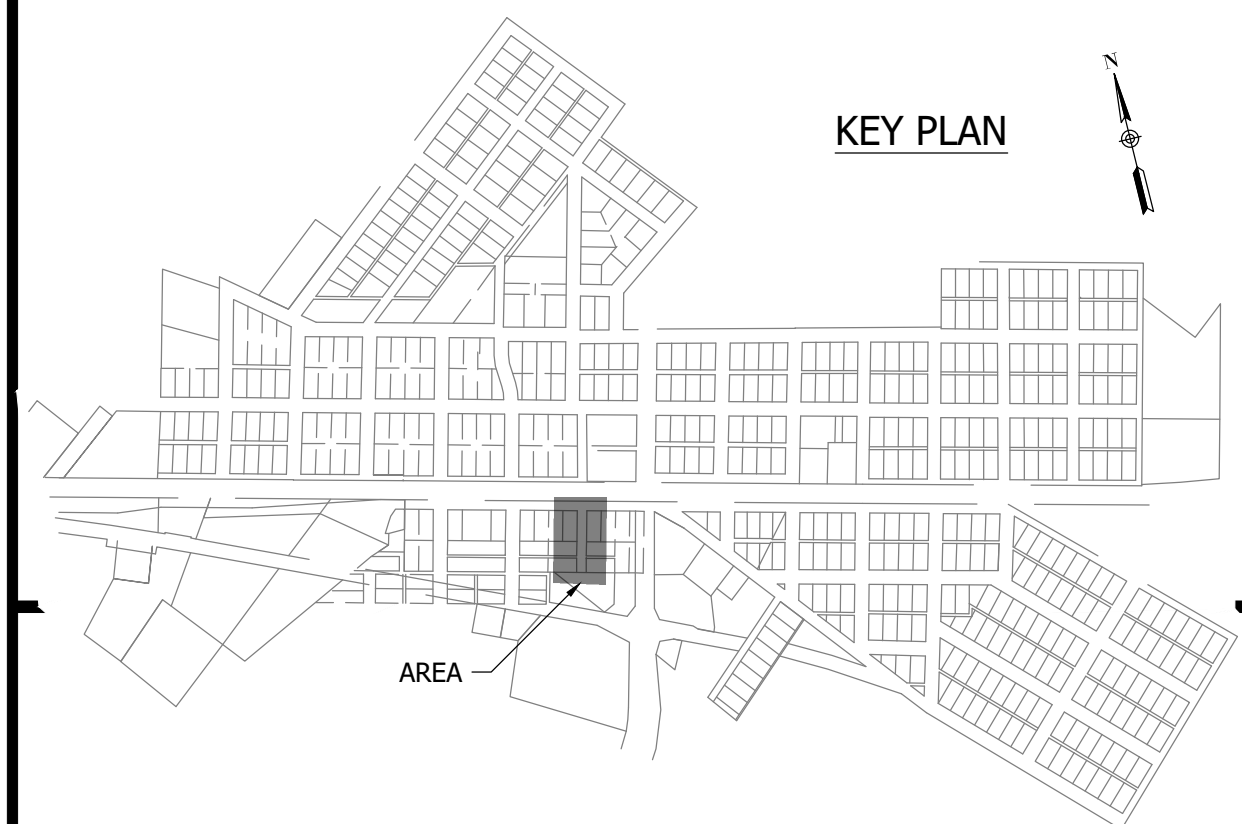


PRINT DATE: 9/27/23
 PLOT SCALE: 1:1
 EDIT DATE: 9/26/23 - 11:20 AM
 EDITED BY: RHUNT
 DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**
 WHEATLAND, IN 47597

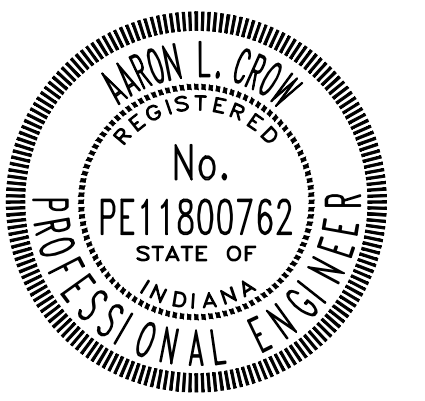


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

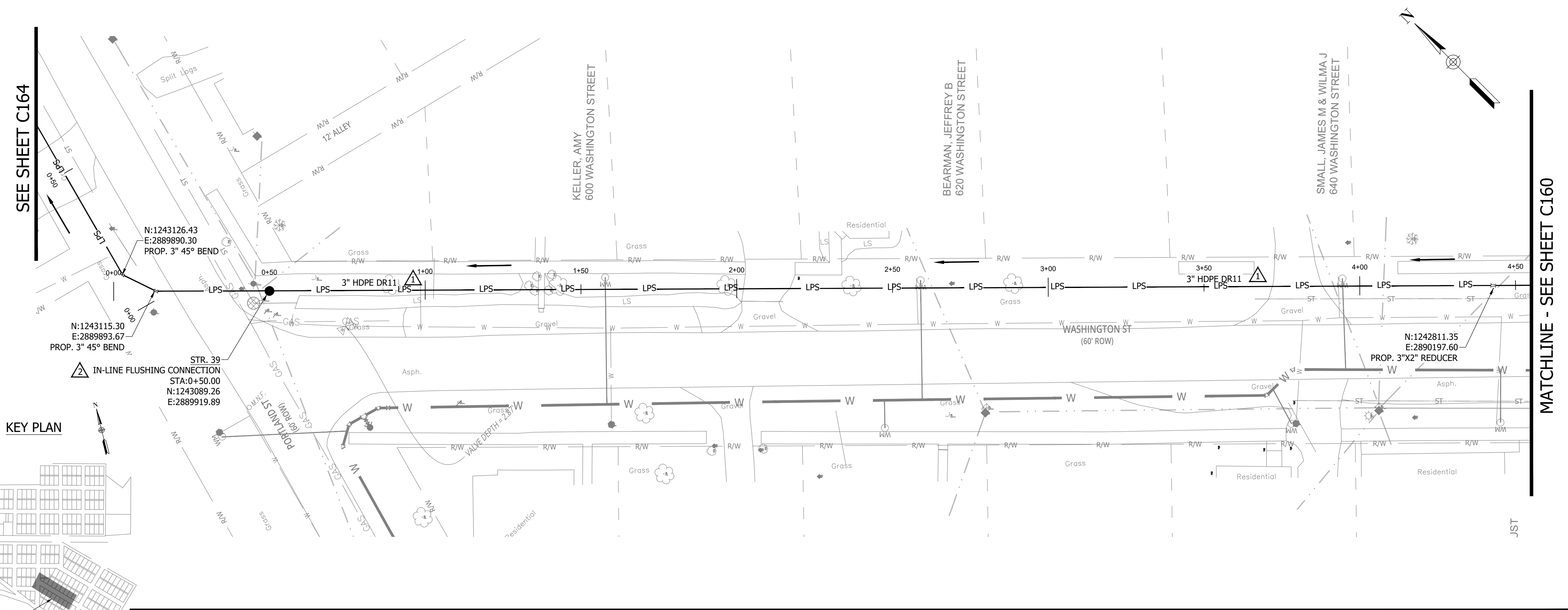
C158

PRINT DATE: 9/27/23
 PLOT SCALE: 1:1
 EDIT DATE: 9/26/23 - 11:20 AM
 EDITED BY: RHUNT
 DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C147 SANITARY SEWER PLAN AND PROFILES.DWG

CONSTRUCTION PLANS

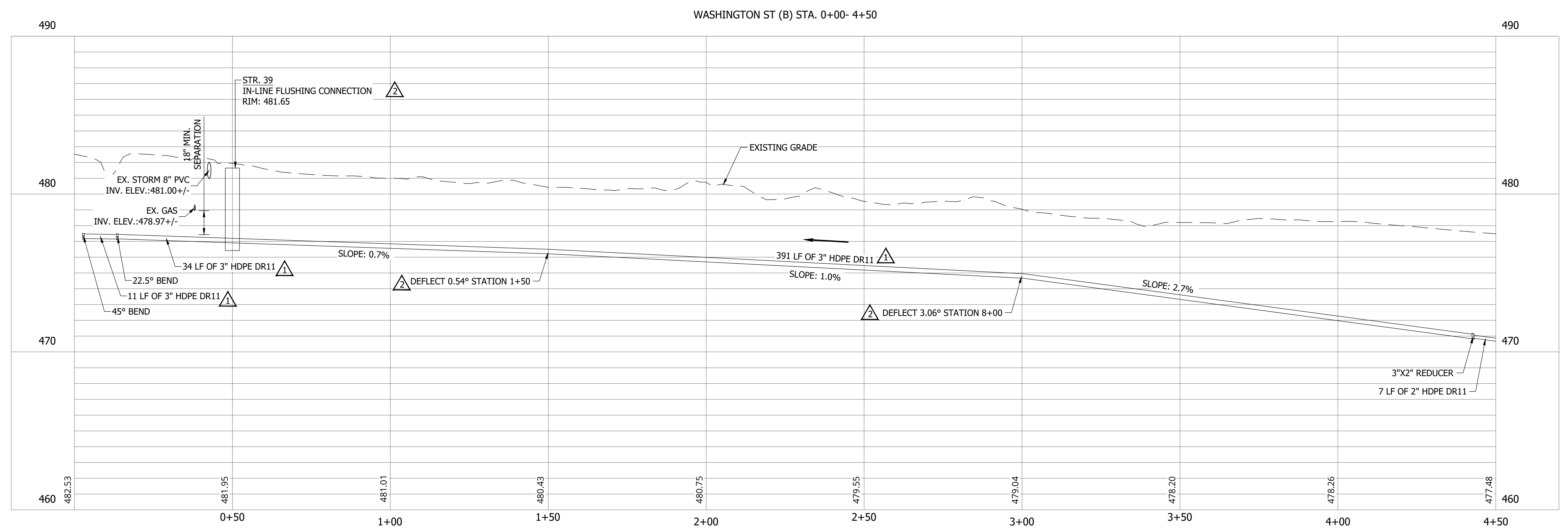
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597



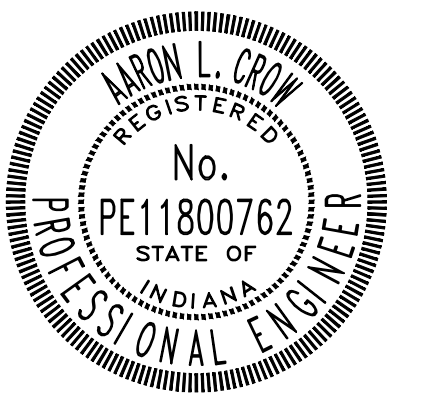
NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

KEY PLAN



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



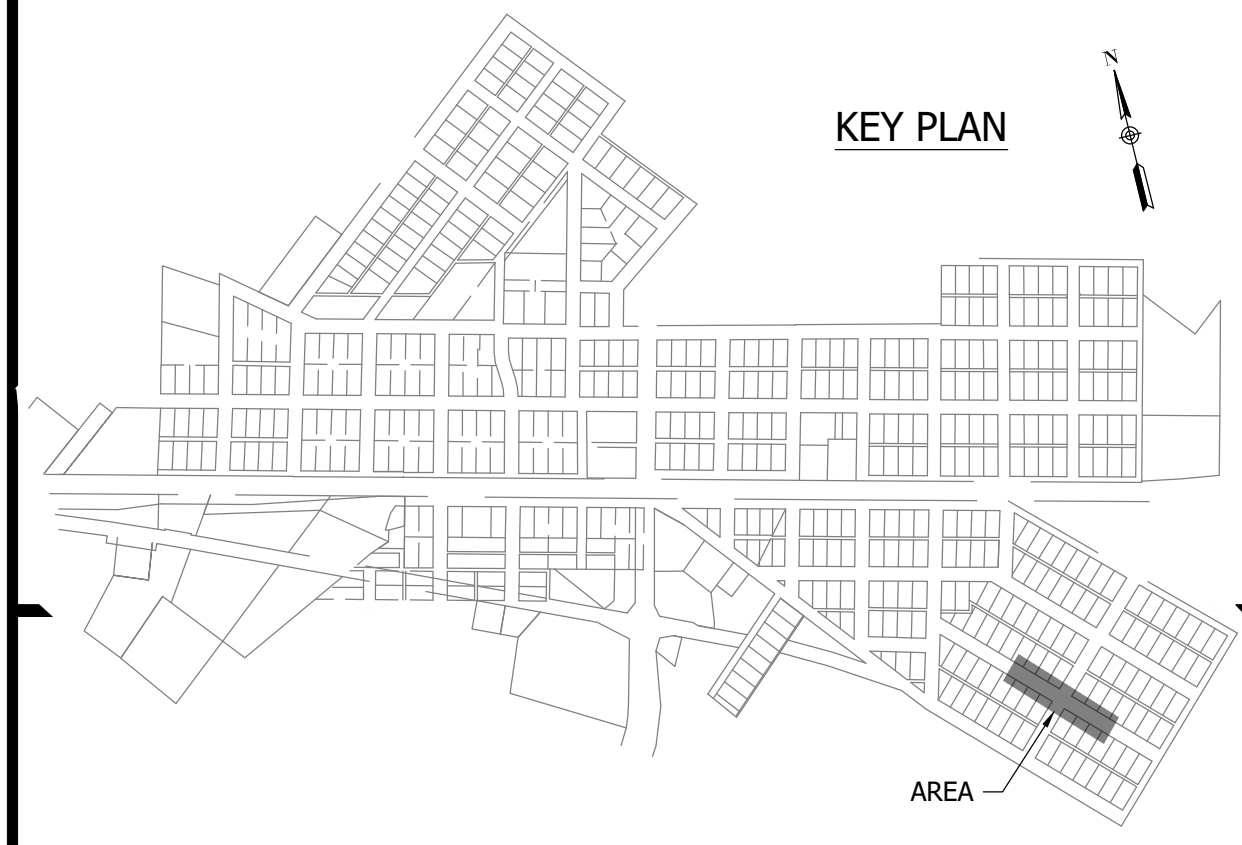
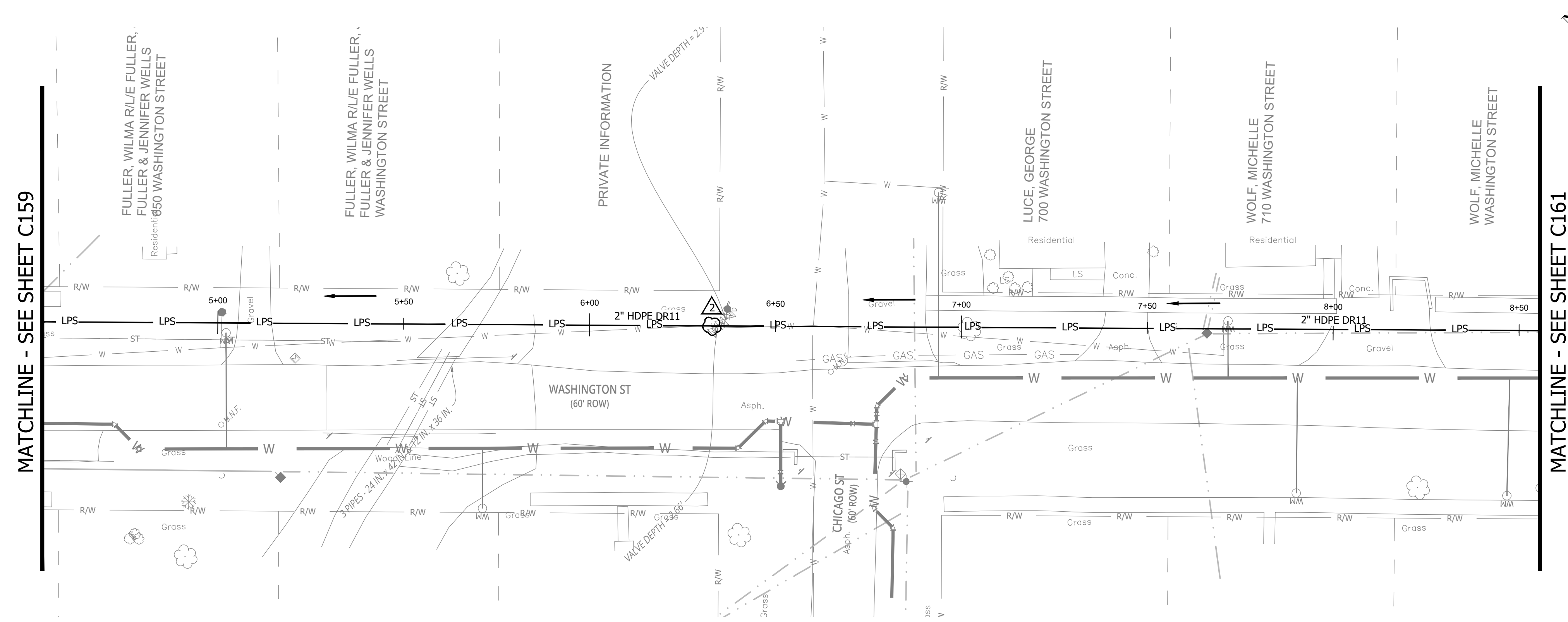
**SANITARY SEWER
 PLAN AND PROFILE**

C159

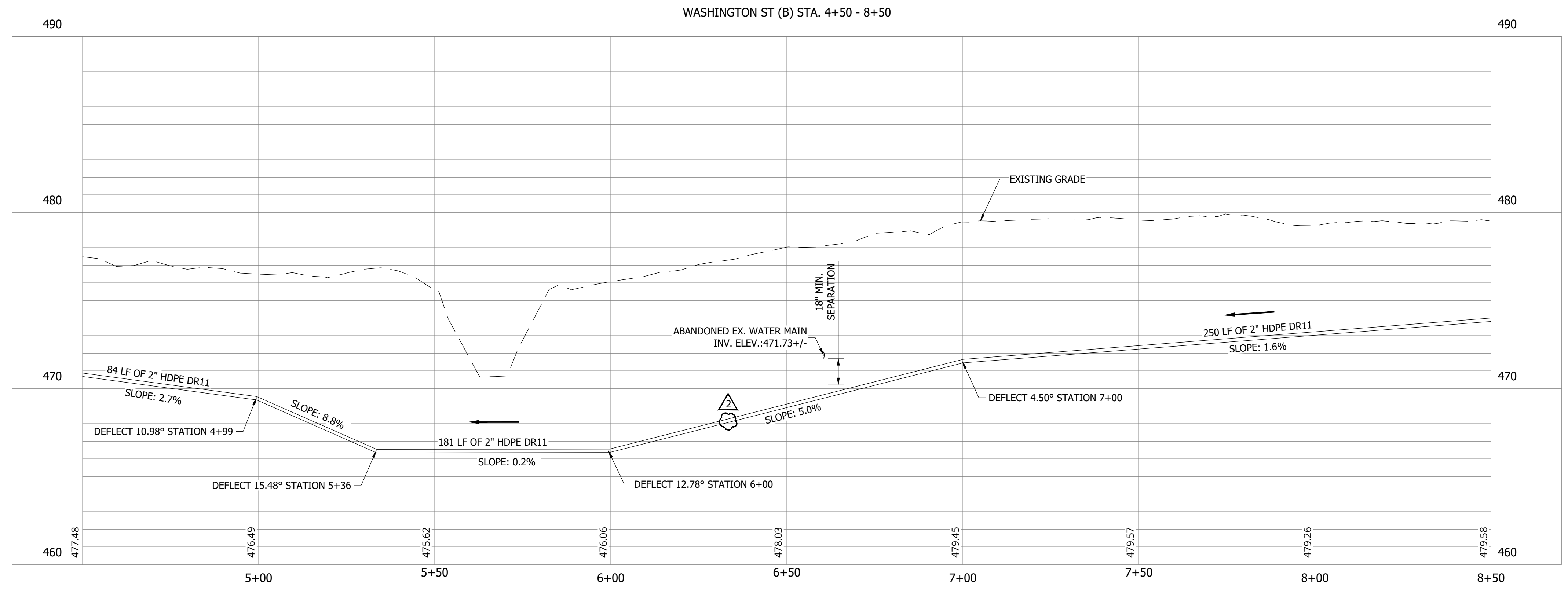
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

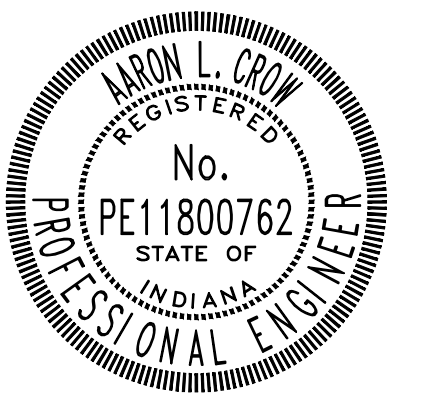


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

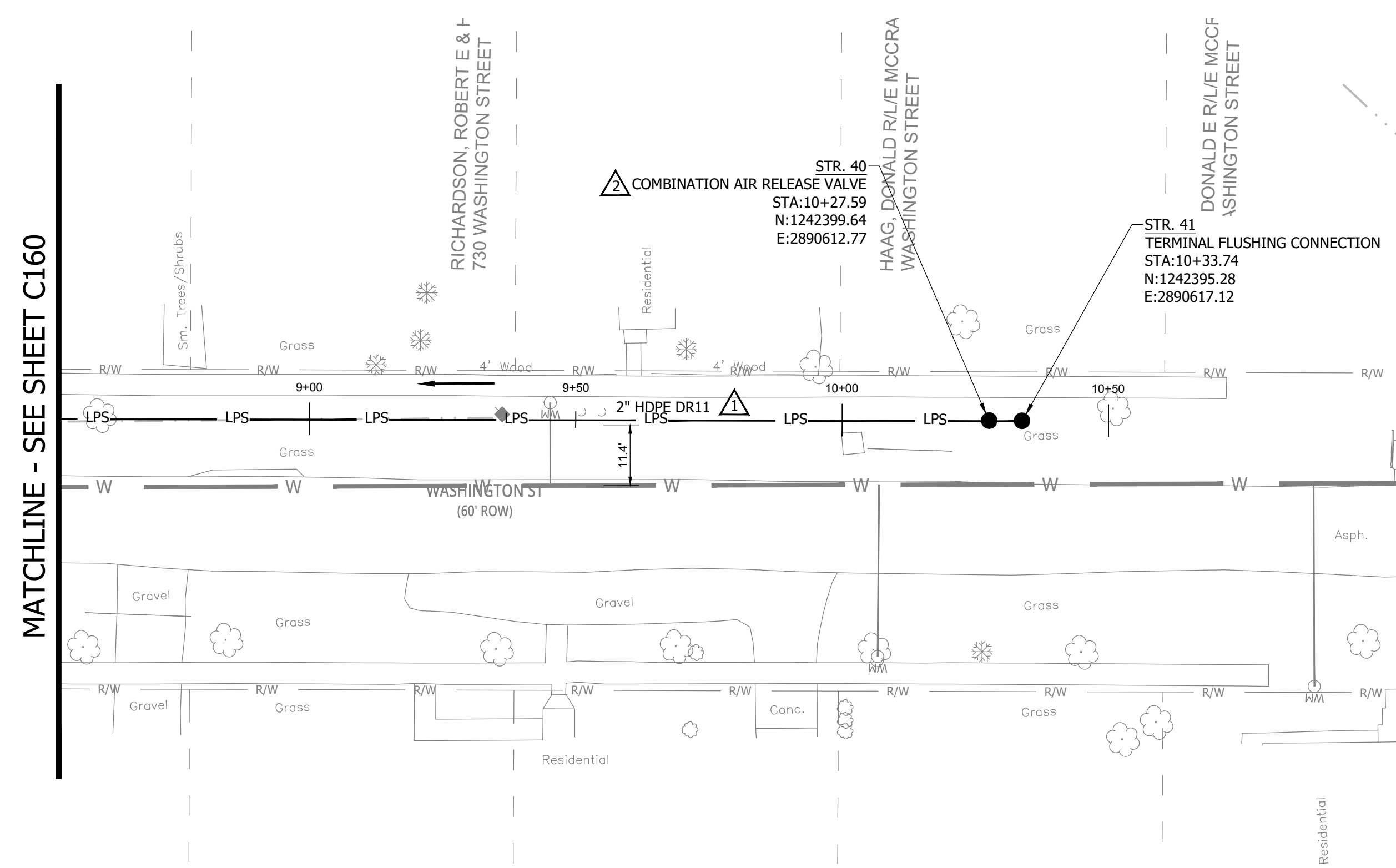
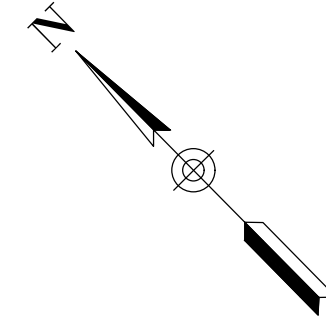


Aaron Crow

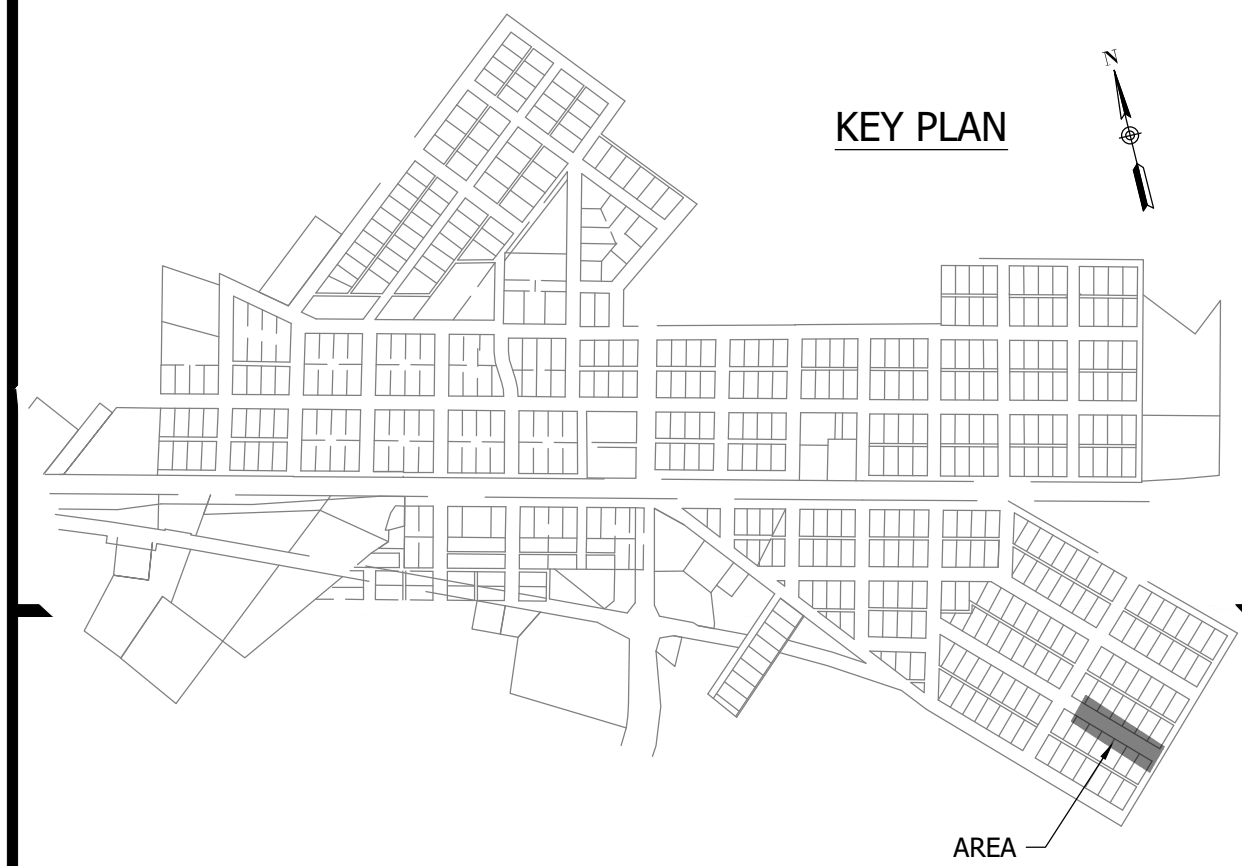


**SANITARY SEWER
 PLAN AND PROFILE**

C160

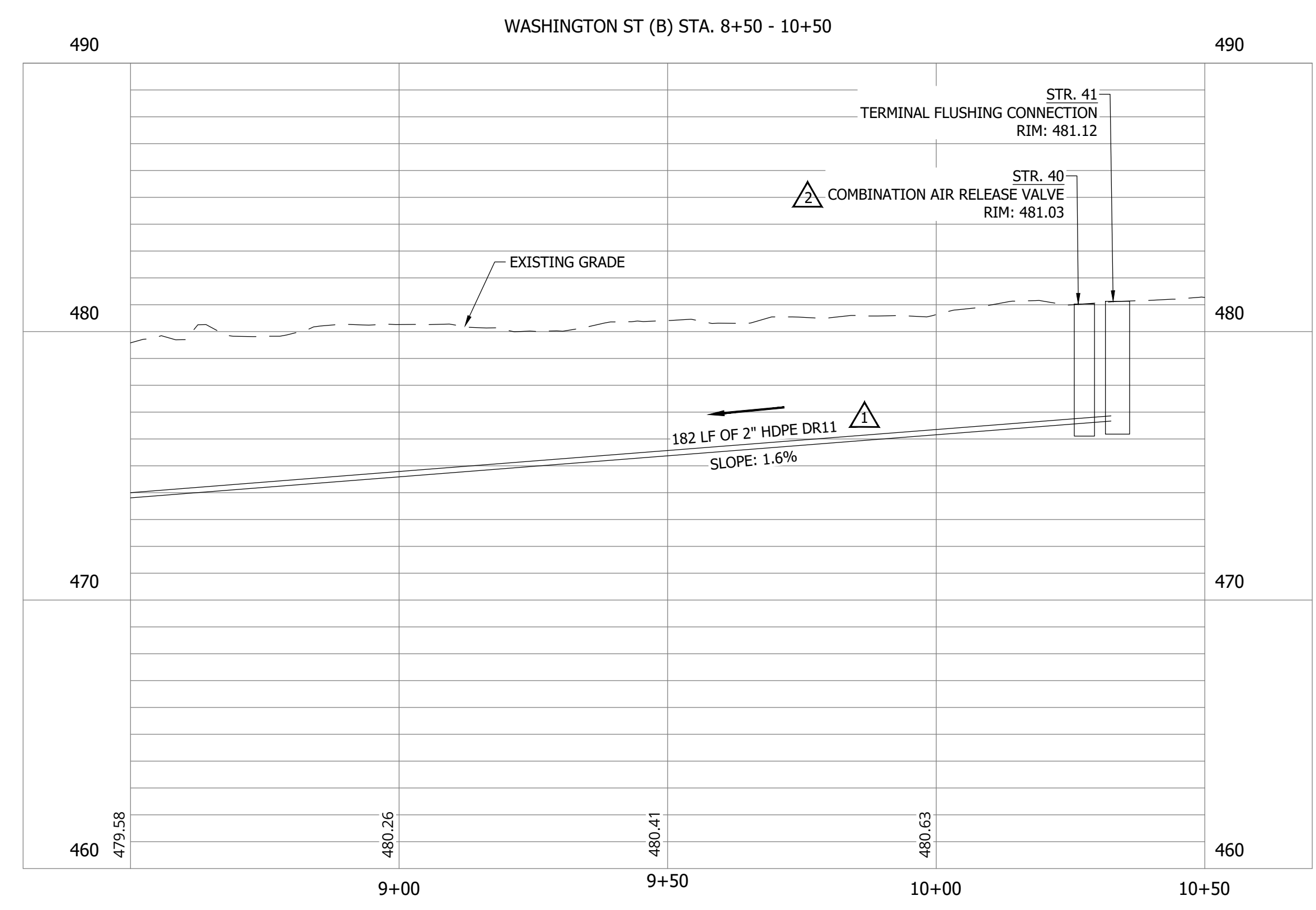


MATCHLINE - SEE SHEET C160



KEY PLAN

- NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



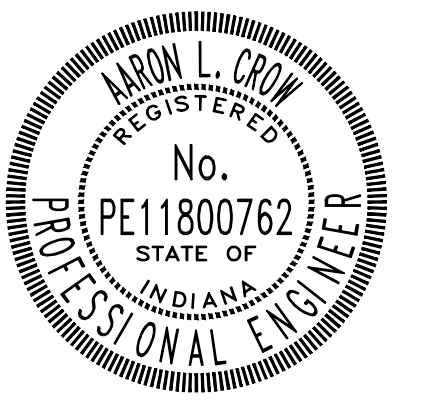
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



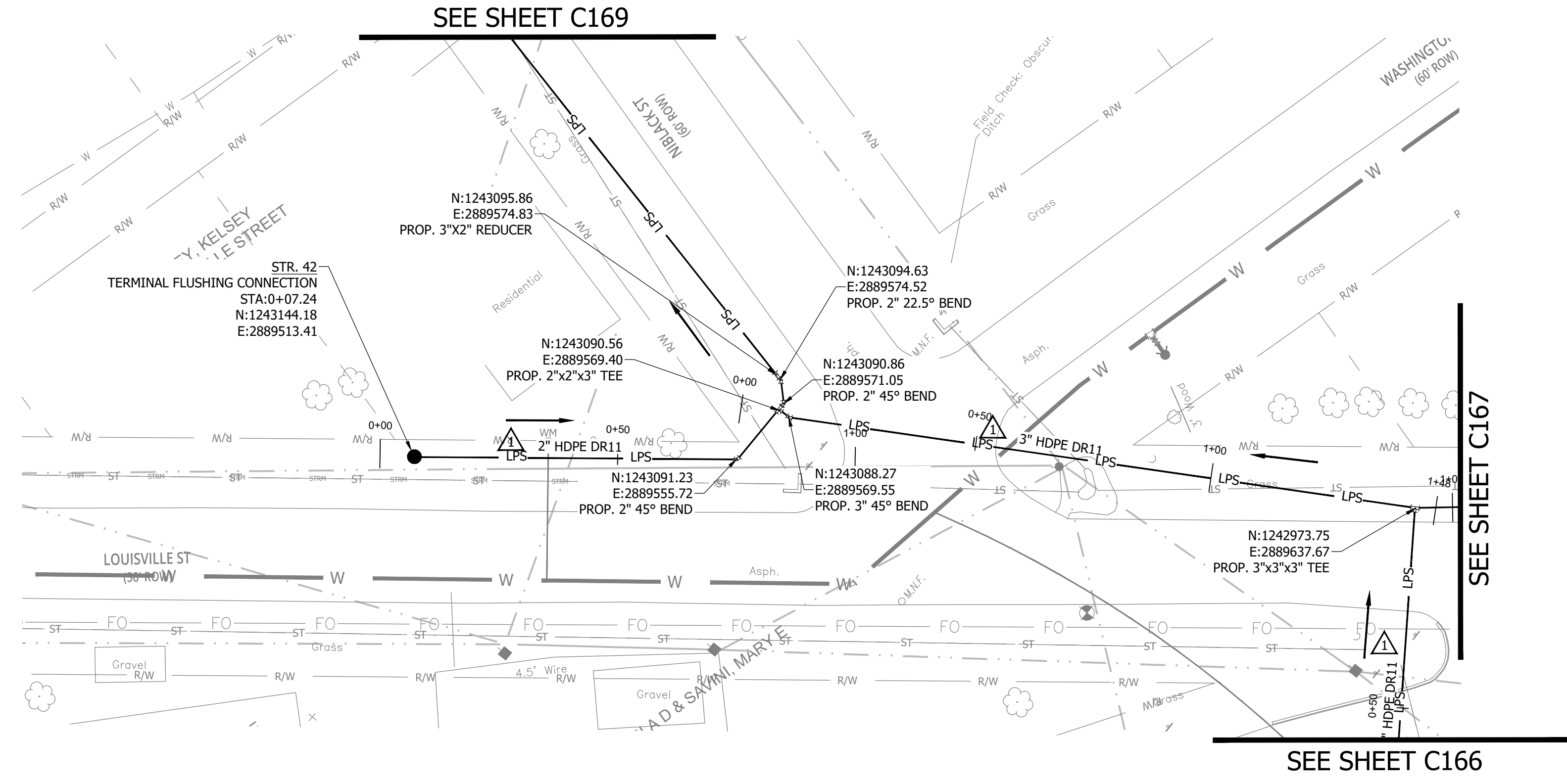
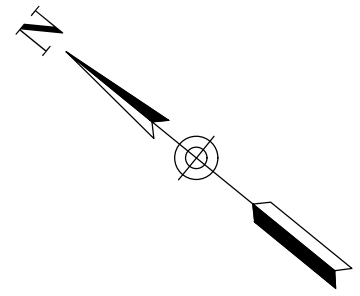
**SANITARY SEWER
 PLAN AND PROFILE**

C161

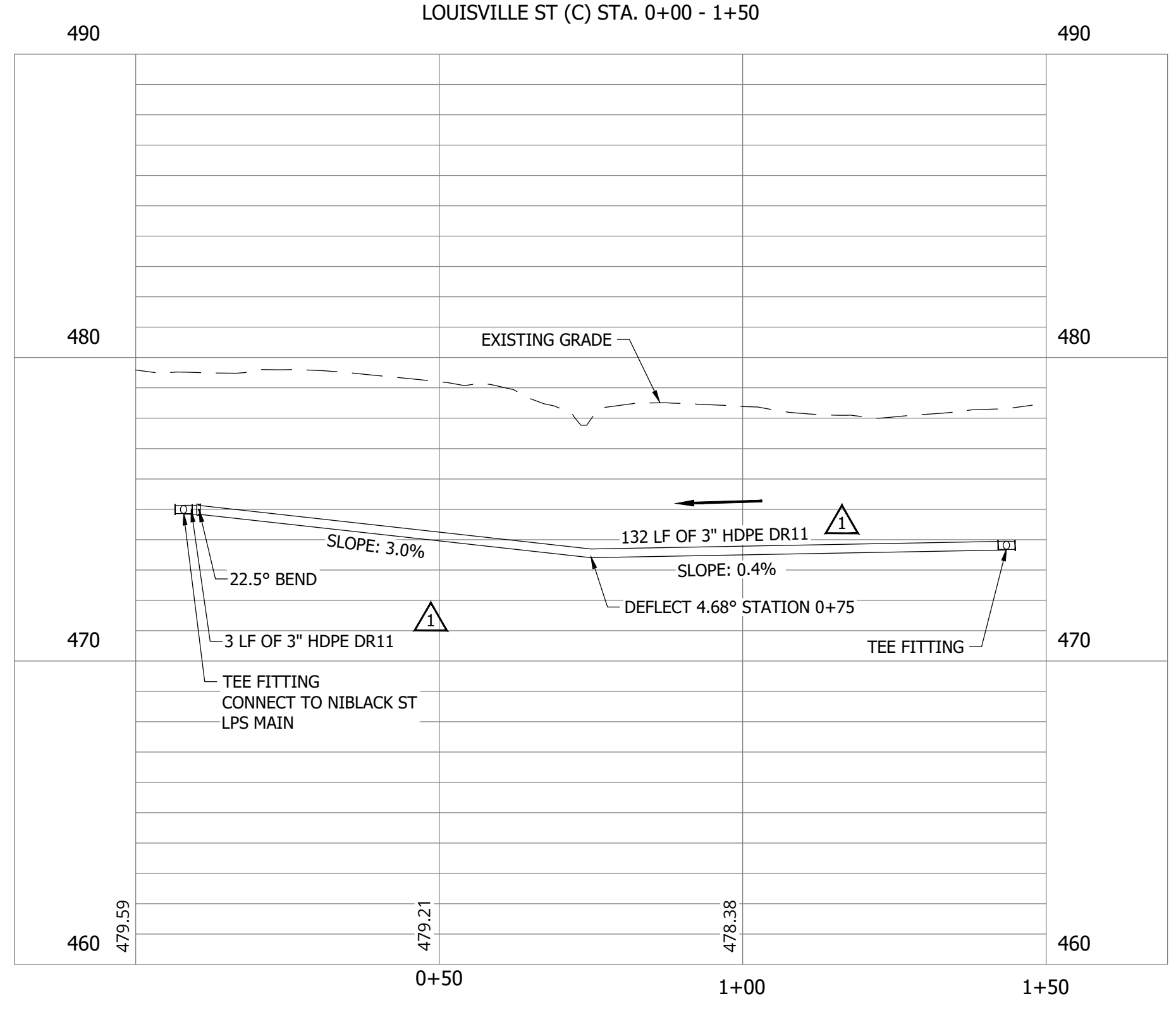
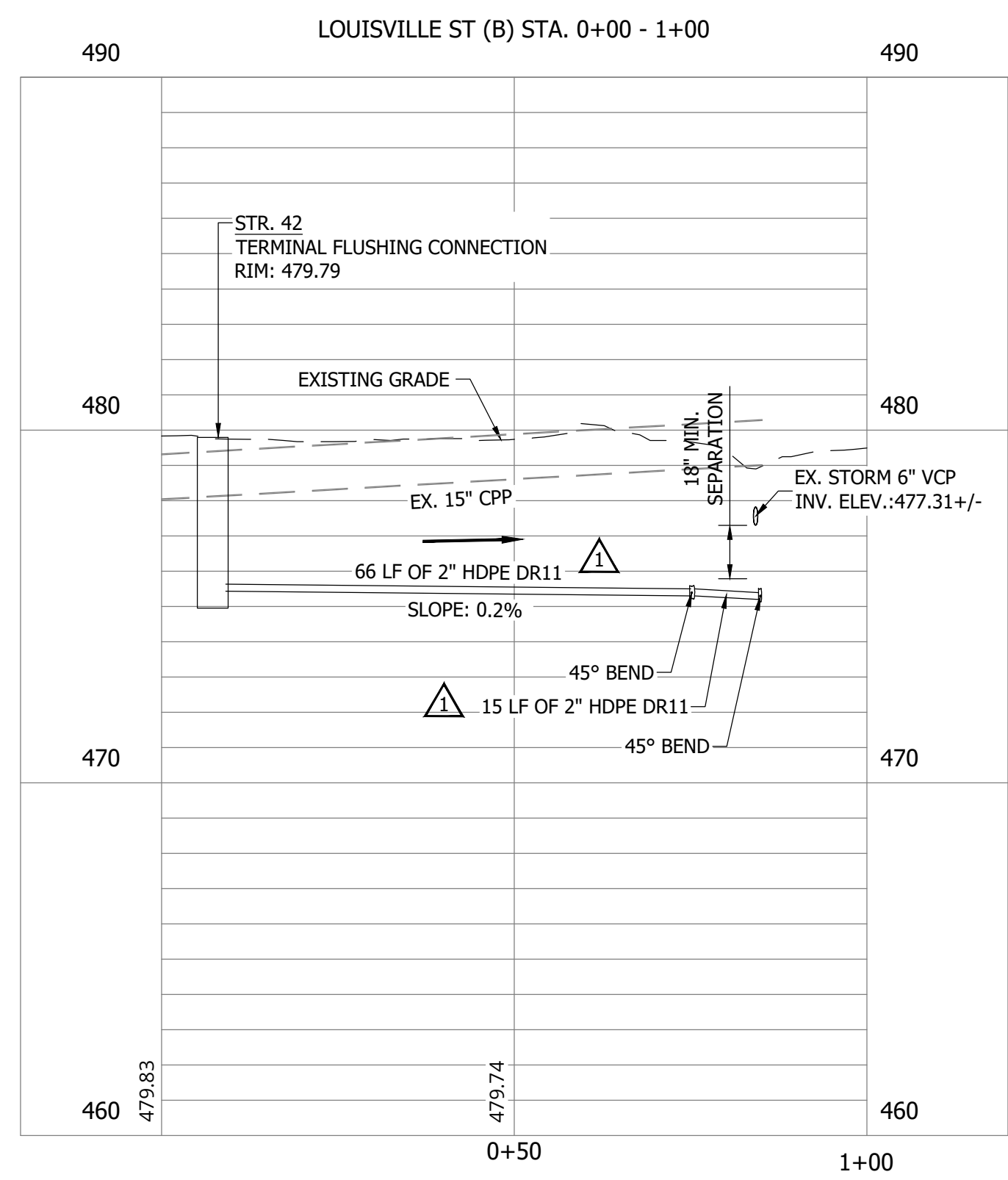
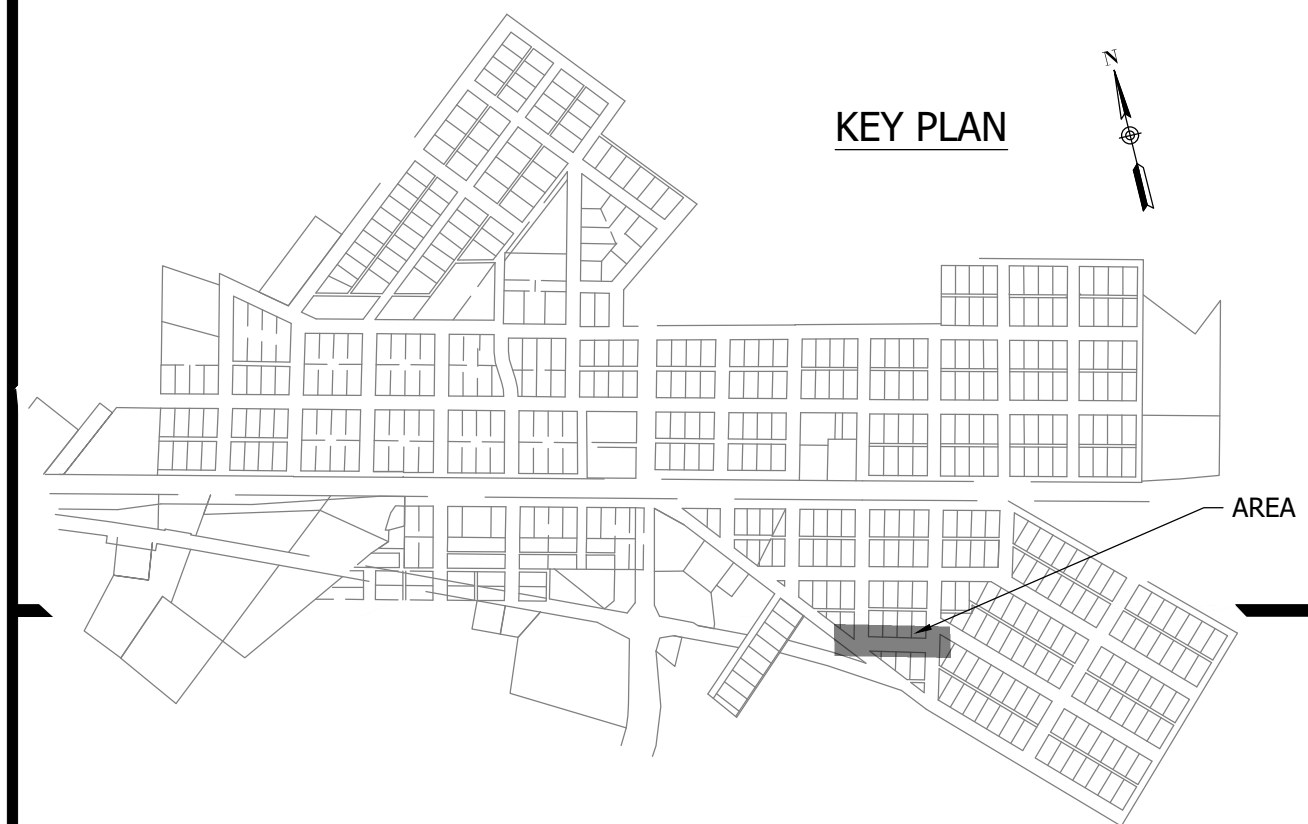
PRINT DATE: 9/27/23 11:26 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C161 SANITARY SEWER PLAN AND PROFILE.DWG PLOT SCALE: 1:1

CONSTRUCTION PLANS
**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

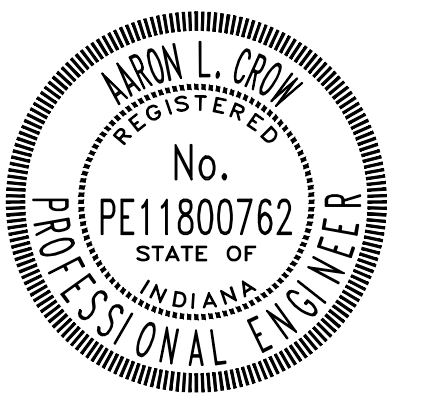


NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
 PLAN AND PROFILE**

C162

PRINT DATE: 9/27/23 11:26 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C163 SANITARY SEWER PLAN AND PROFILE.DWG
 PLOT SCALE: 1:1

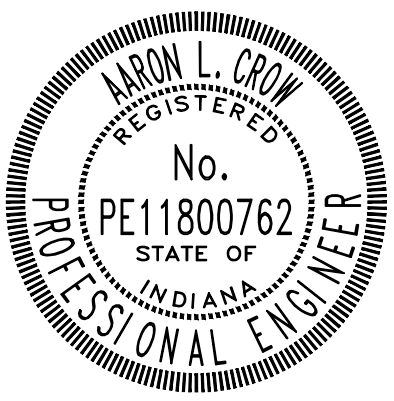
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

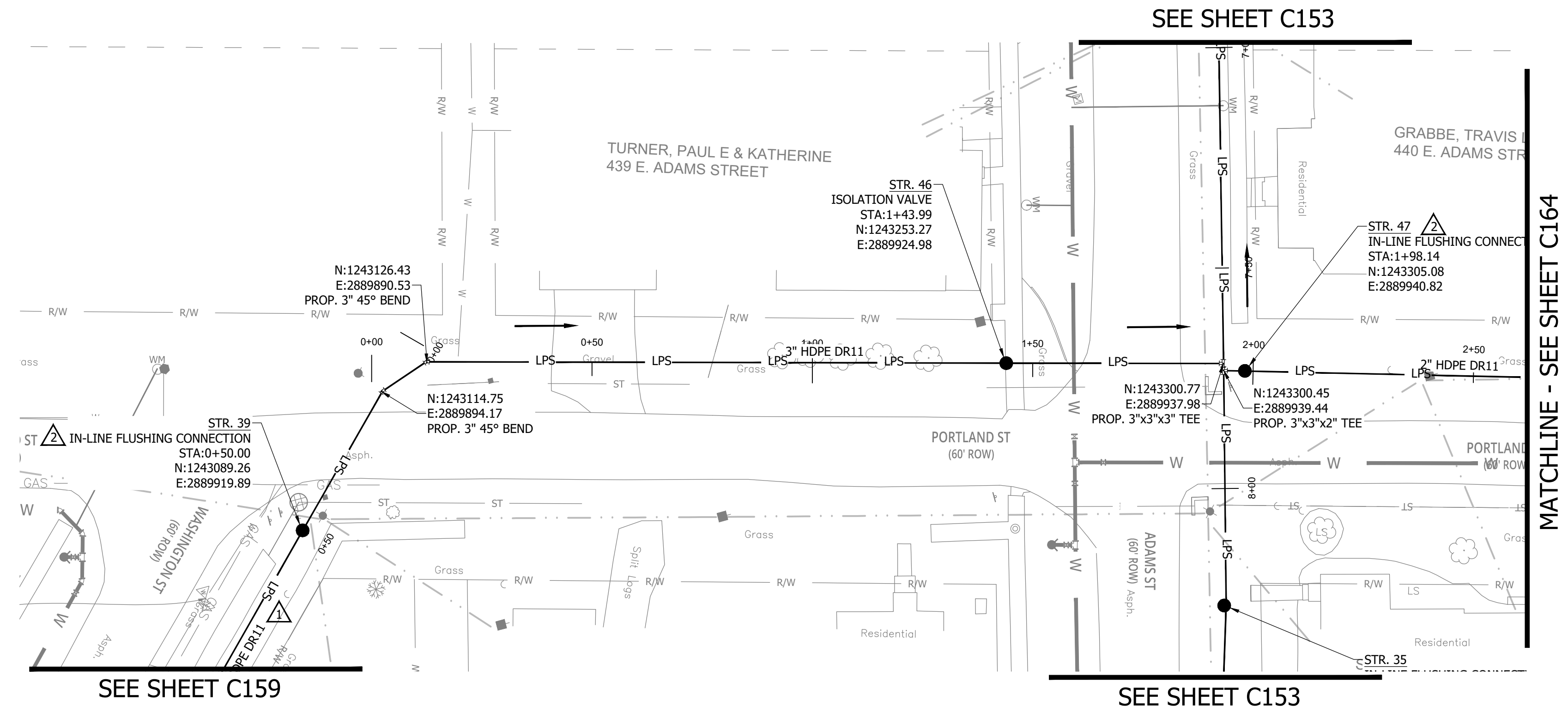
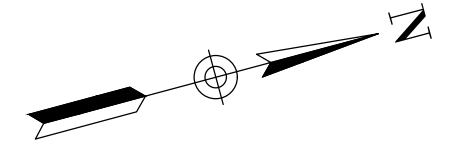


Aaron Crow

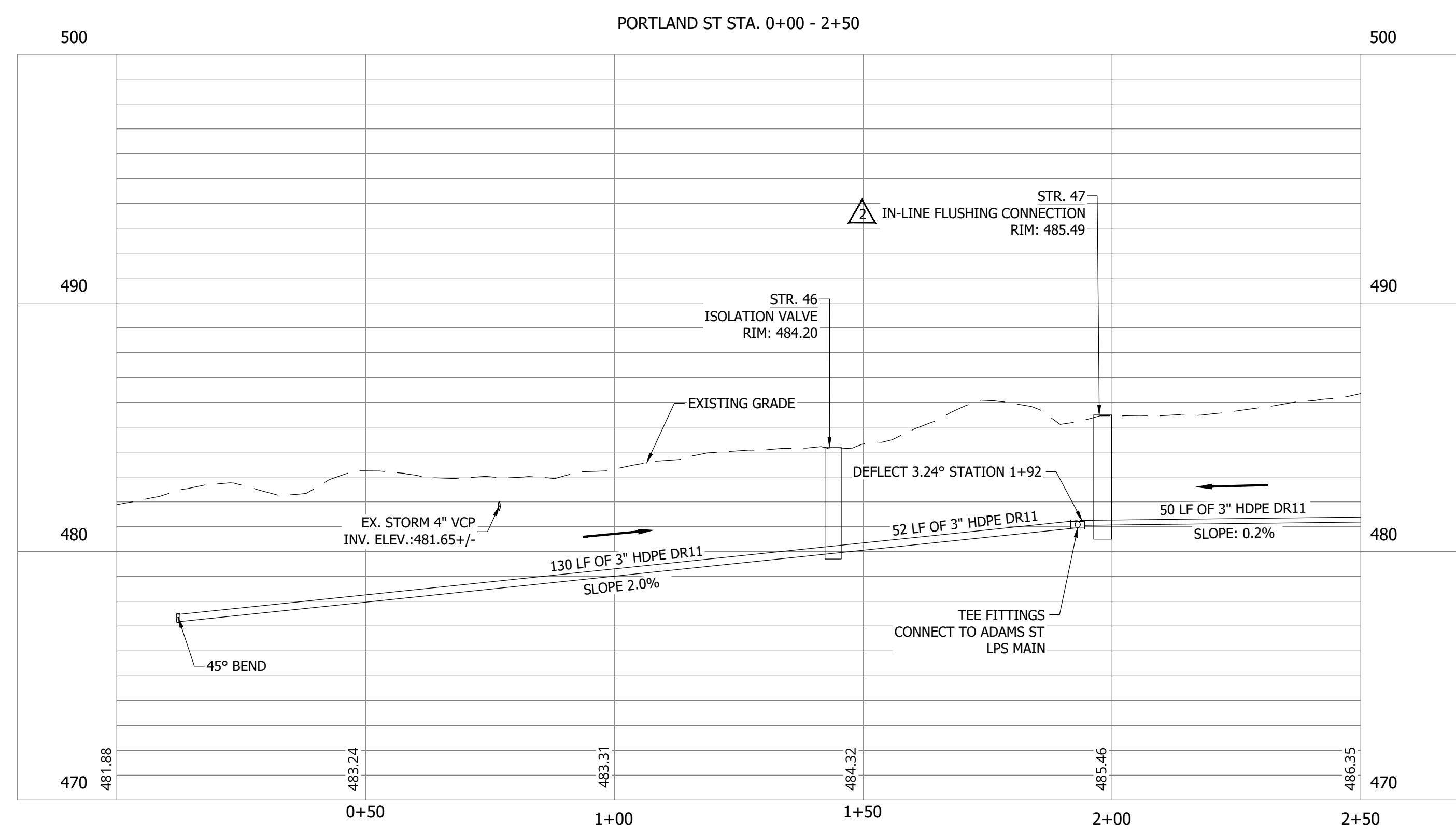
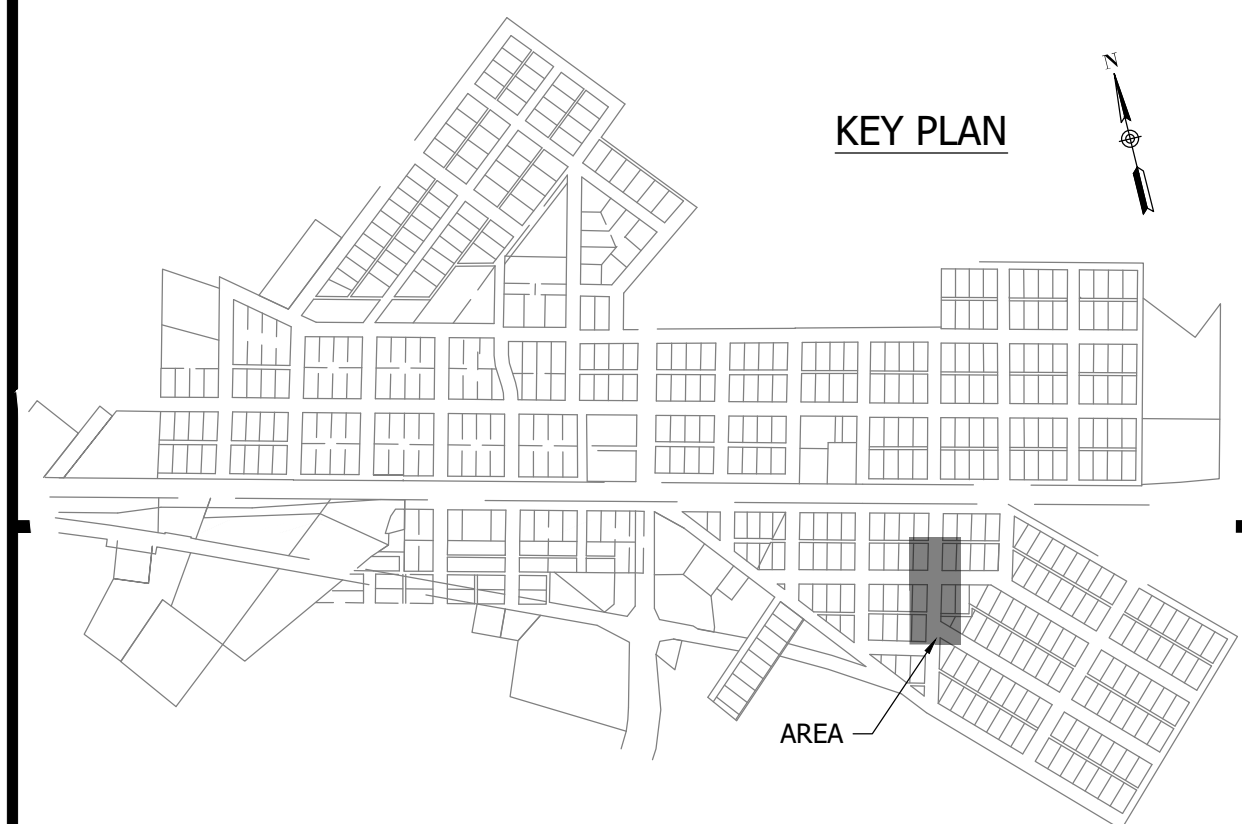


**SANITARY SEWER
 PLAN AND PROFILE**

C163



NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



PRINT DATE: 9/27/23 11:26 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C163 SANITARY SEWER PLAN AND PROFILES.DWG PLOT SCALE: 1:1

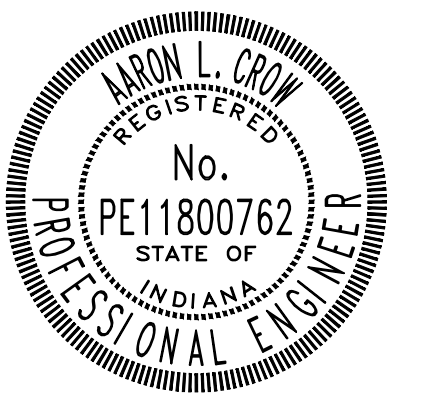
CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM IMPROVEMENTS DIVISION II - LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023

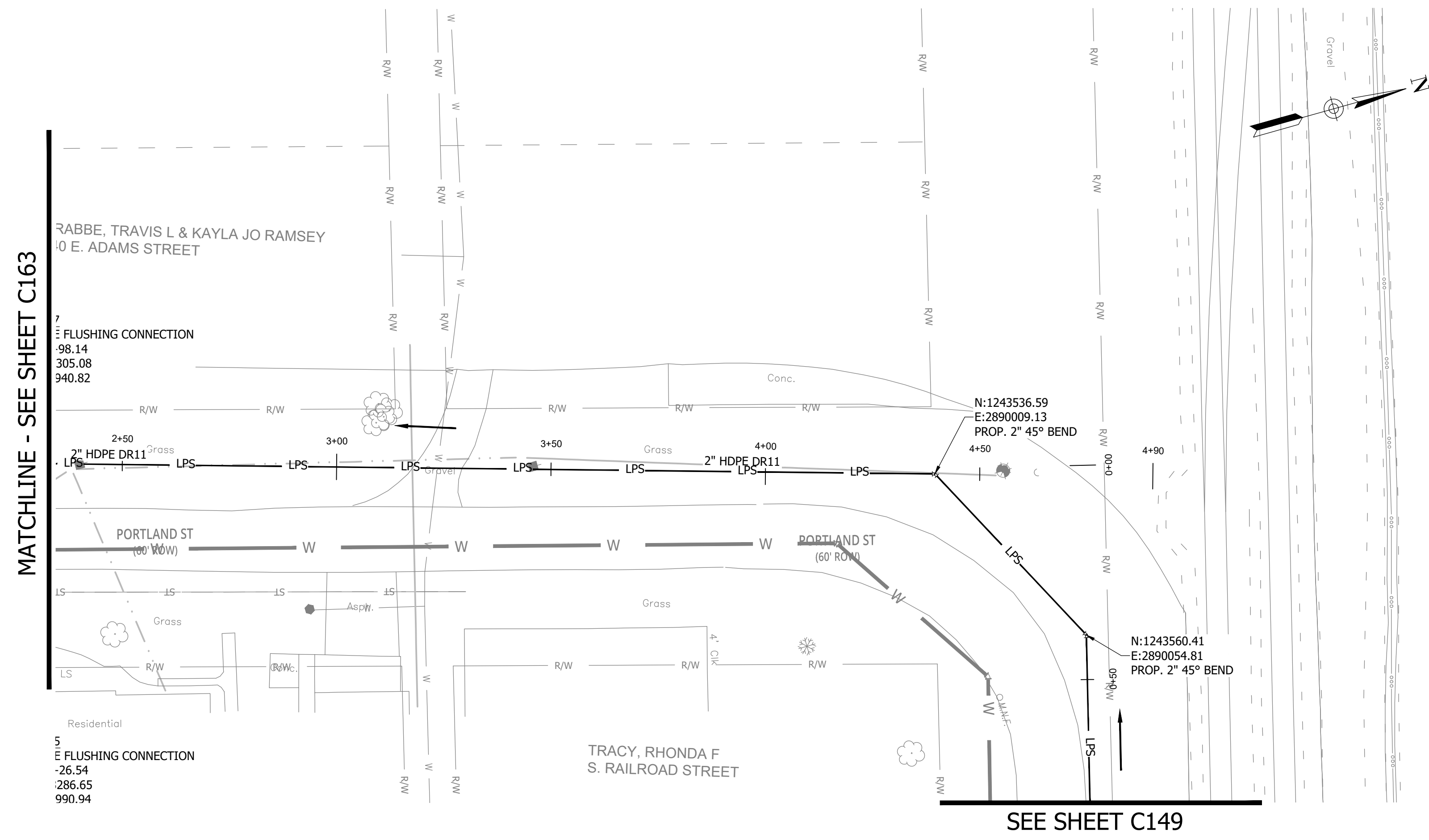


Aaron Crow

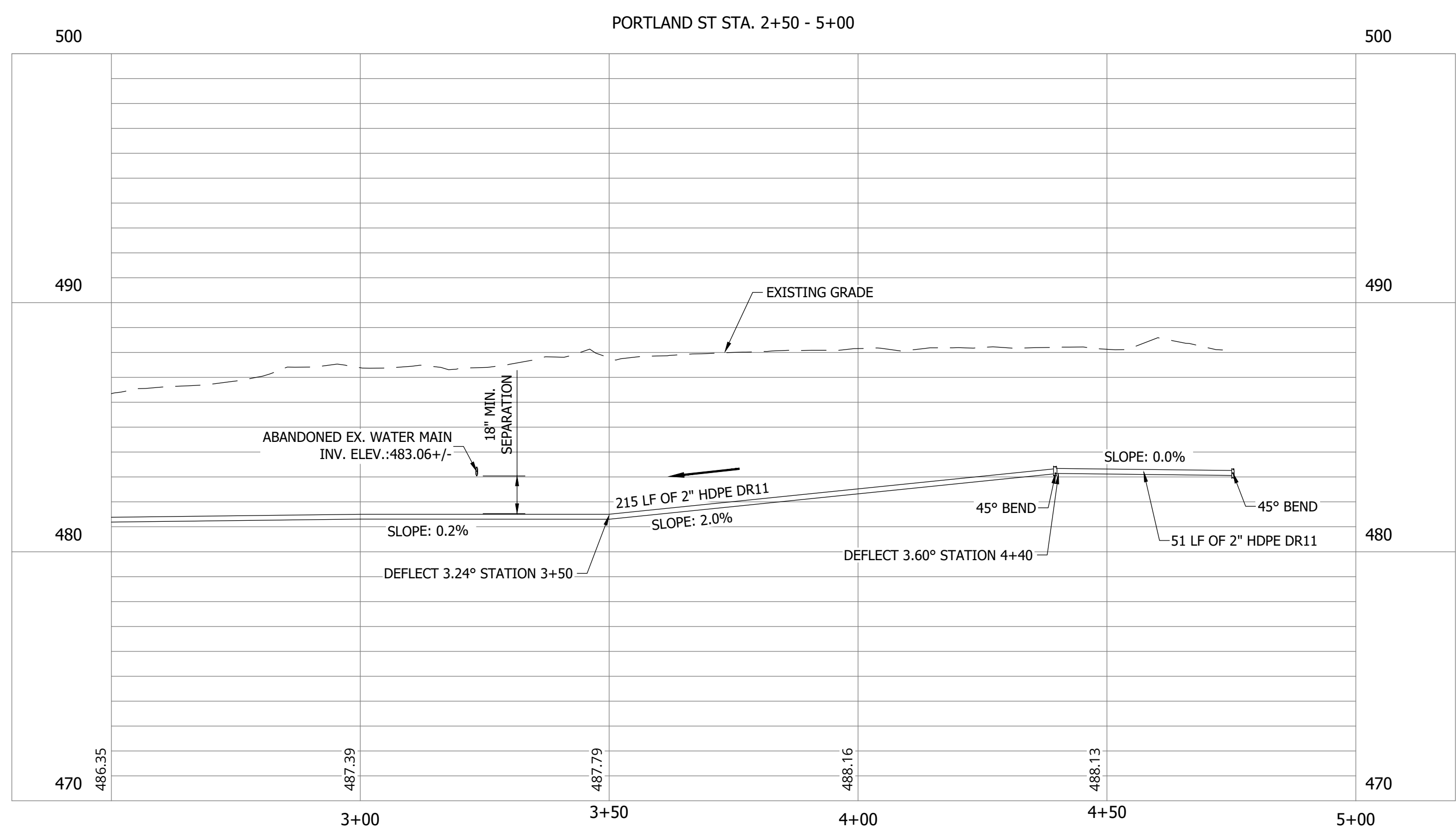
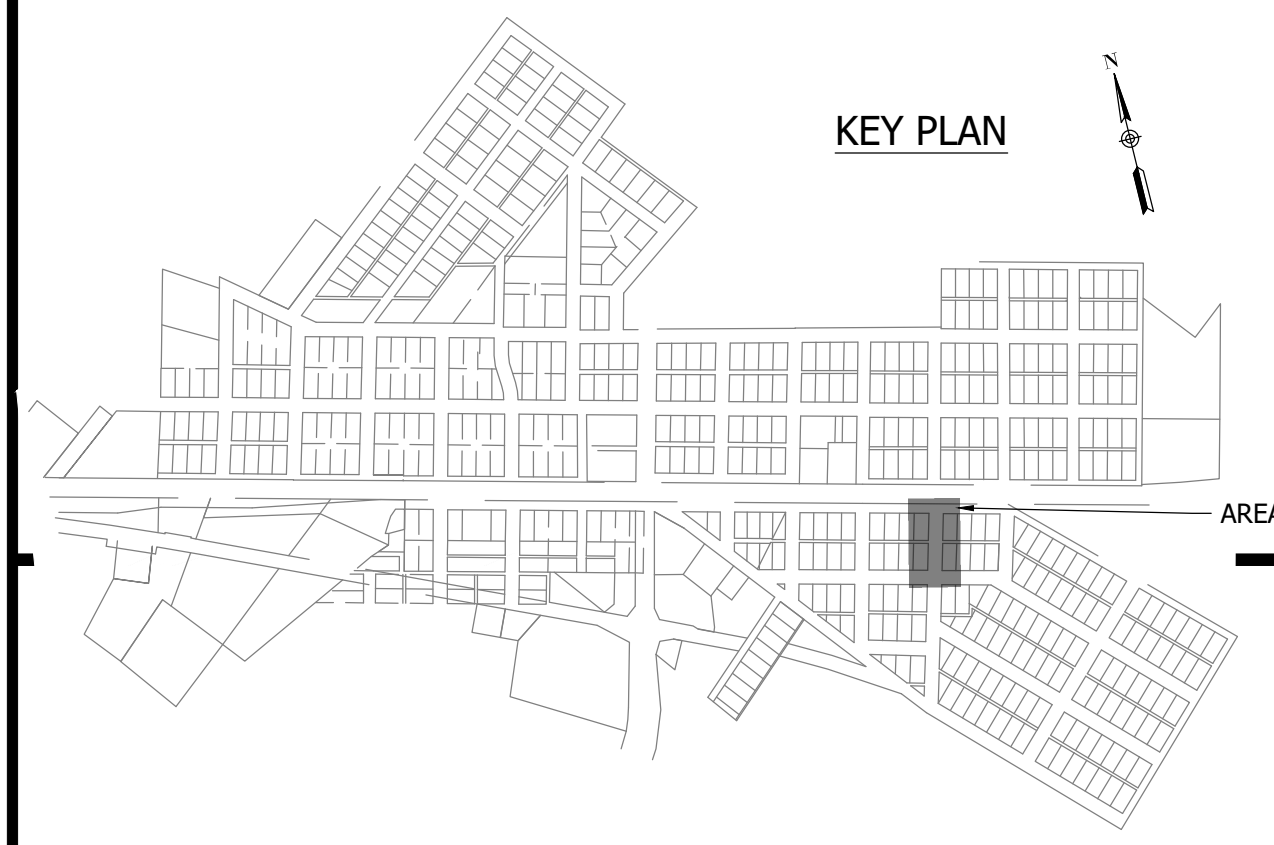


**SANITARY SEWER
PLAN AND PROFILE**

C164



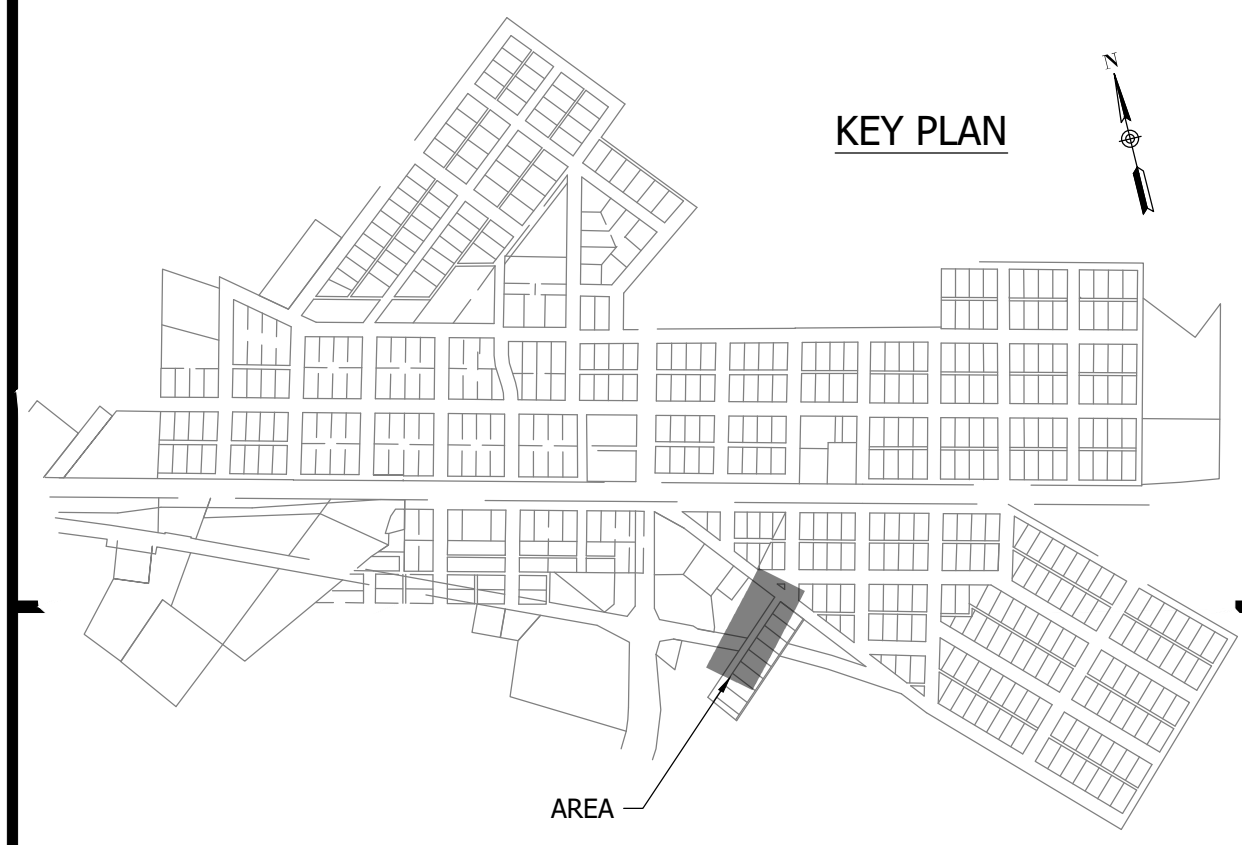
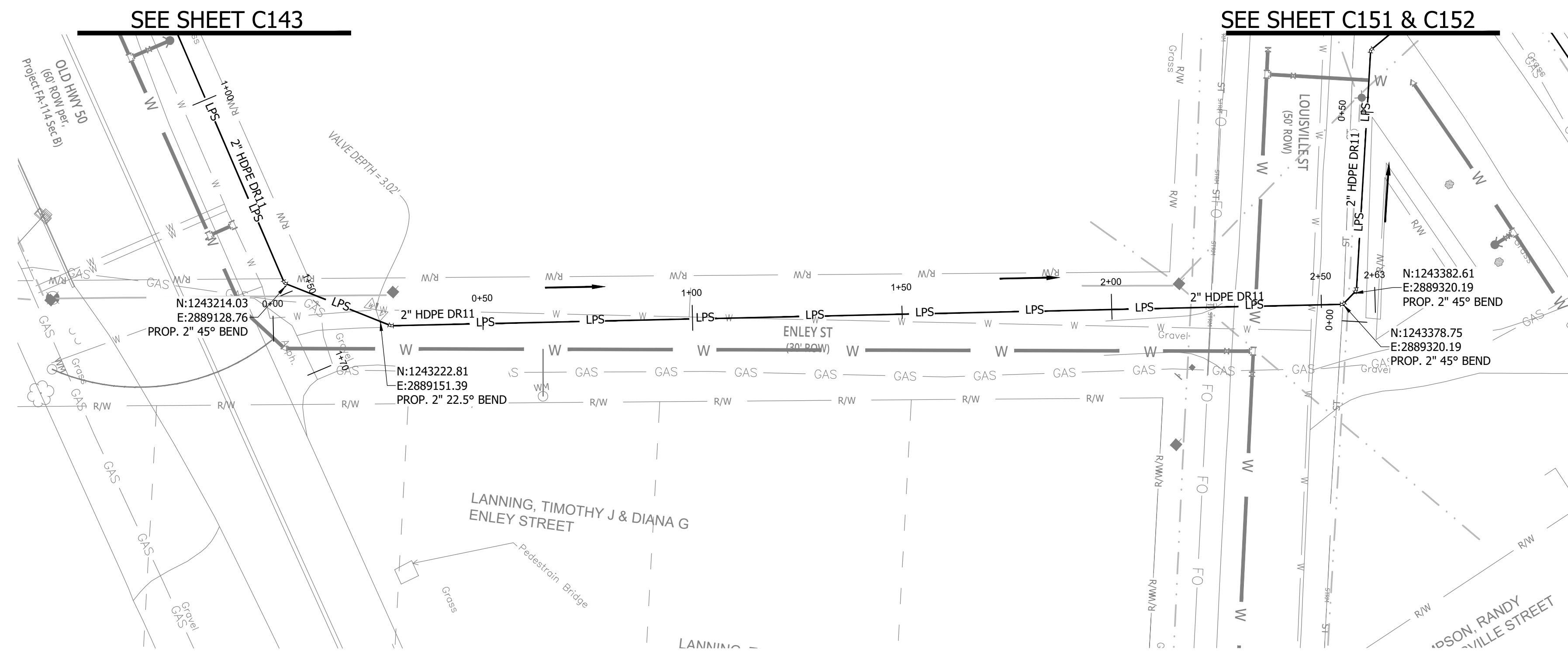
NOTES:
 1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



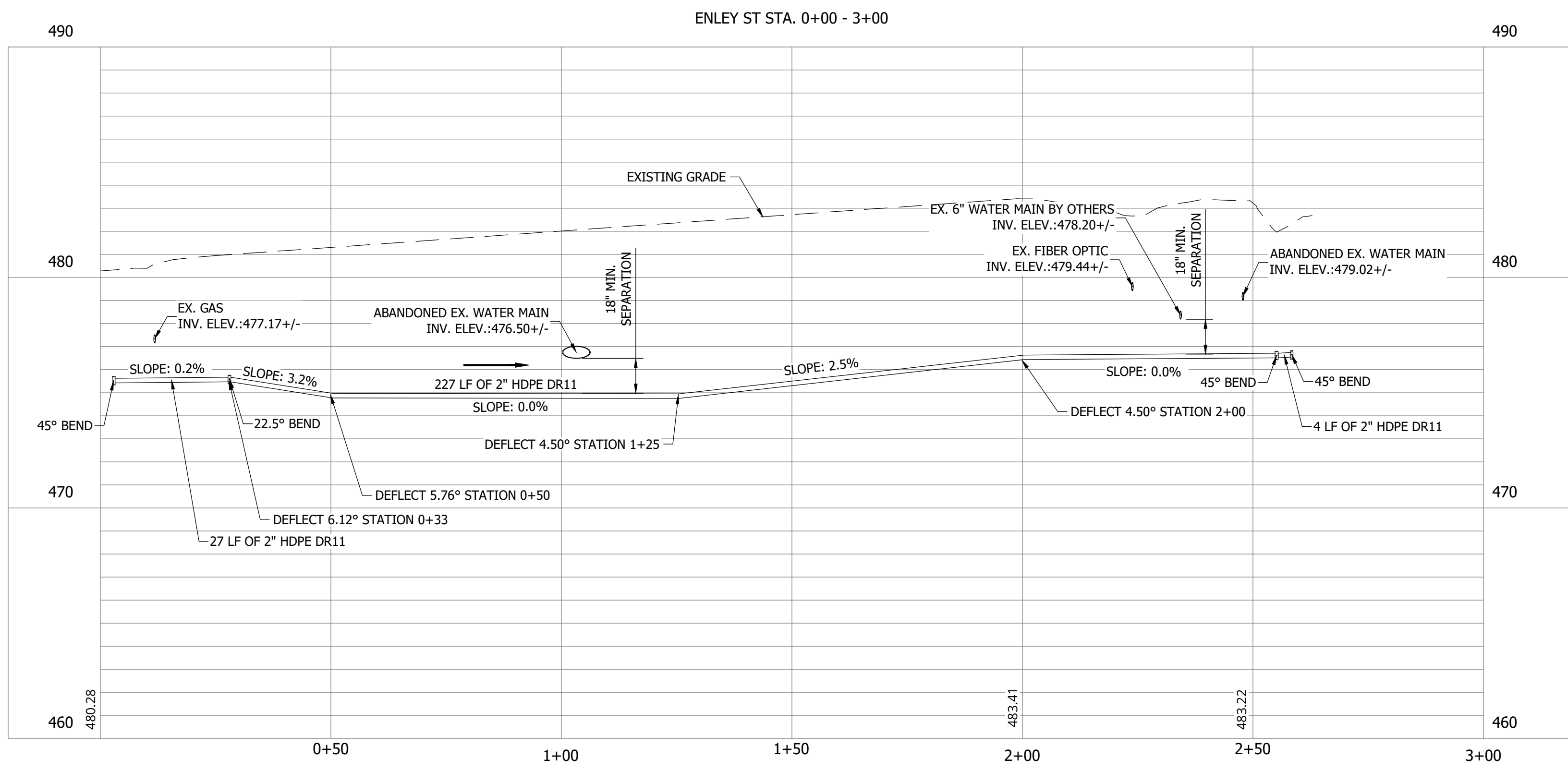
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

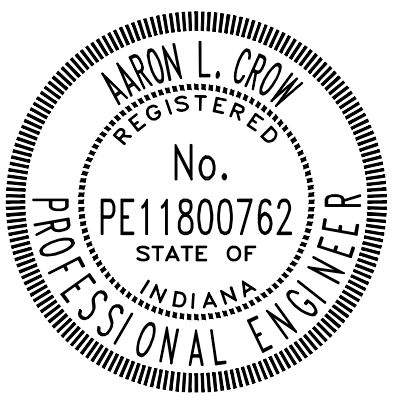


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

C165

CONSTRUCTION PLANS

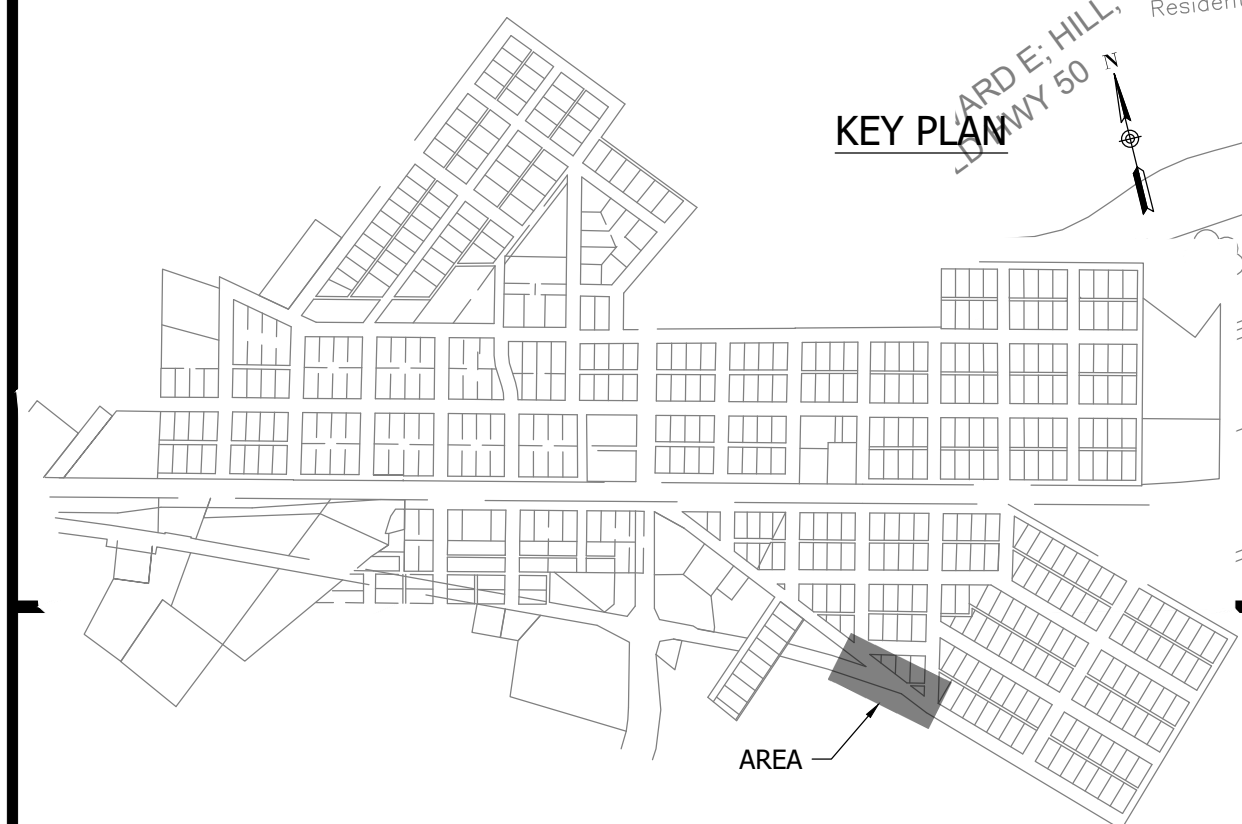
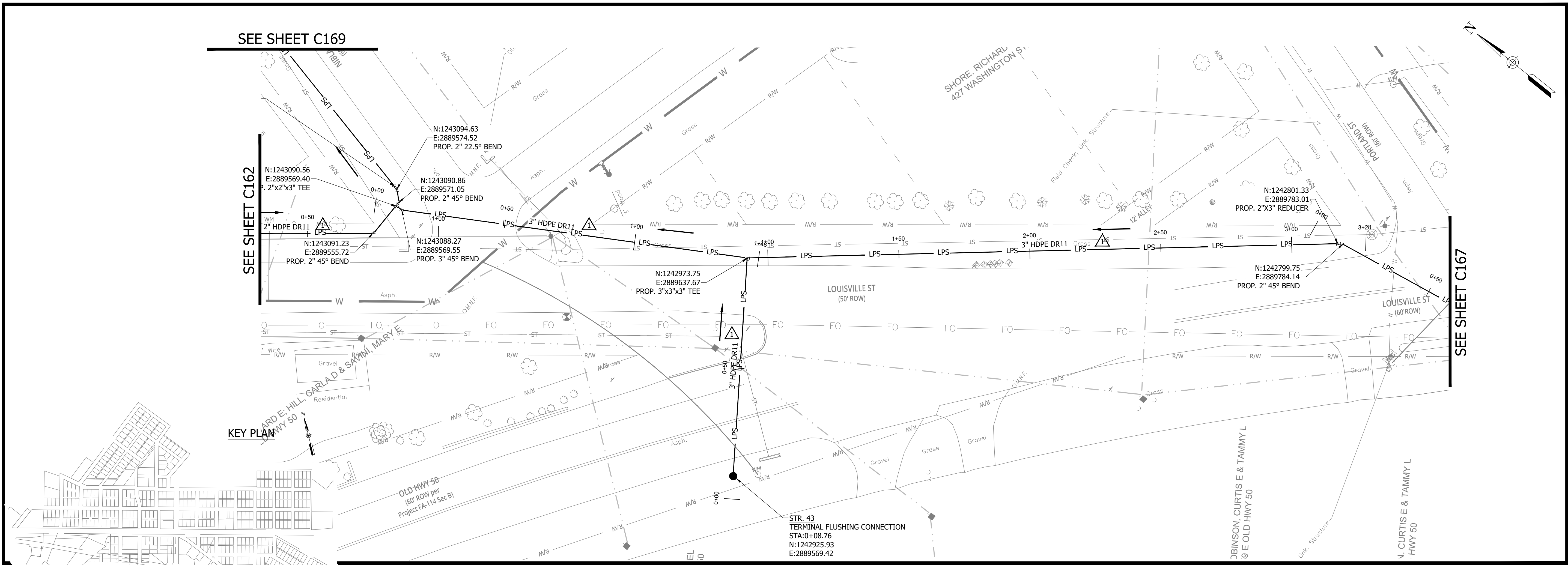
**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

SEE SHEET C169

SEE SHEET C162

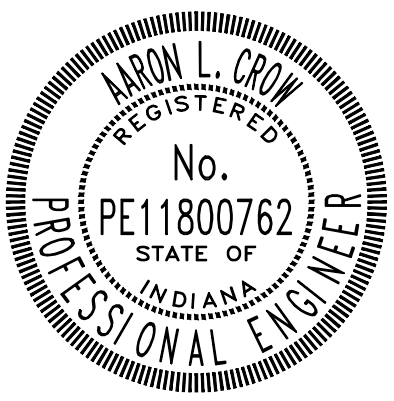
SEE SHEET C167



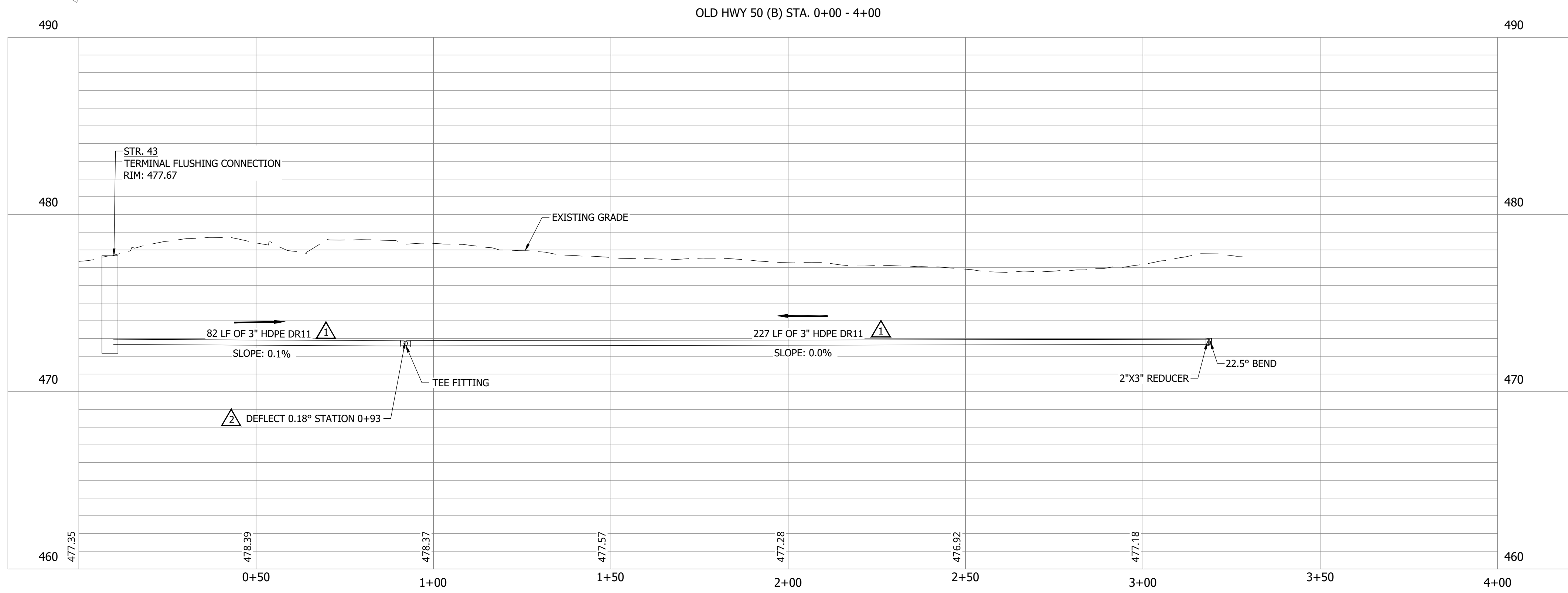
- NOTES:**
- ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: RLH
 Checked By: ALC
 Date: 09/27/2023



Aaron Crow



**SANITARY SEWER
PLAN AND PROFILE**

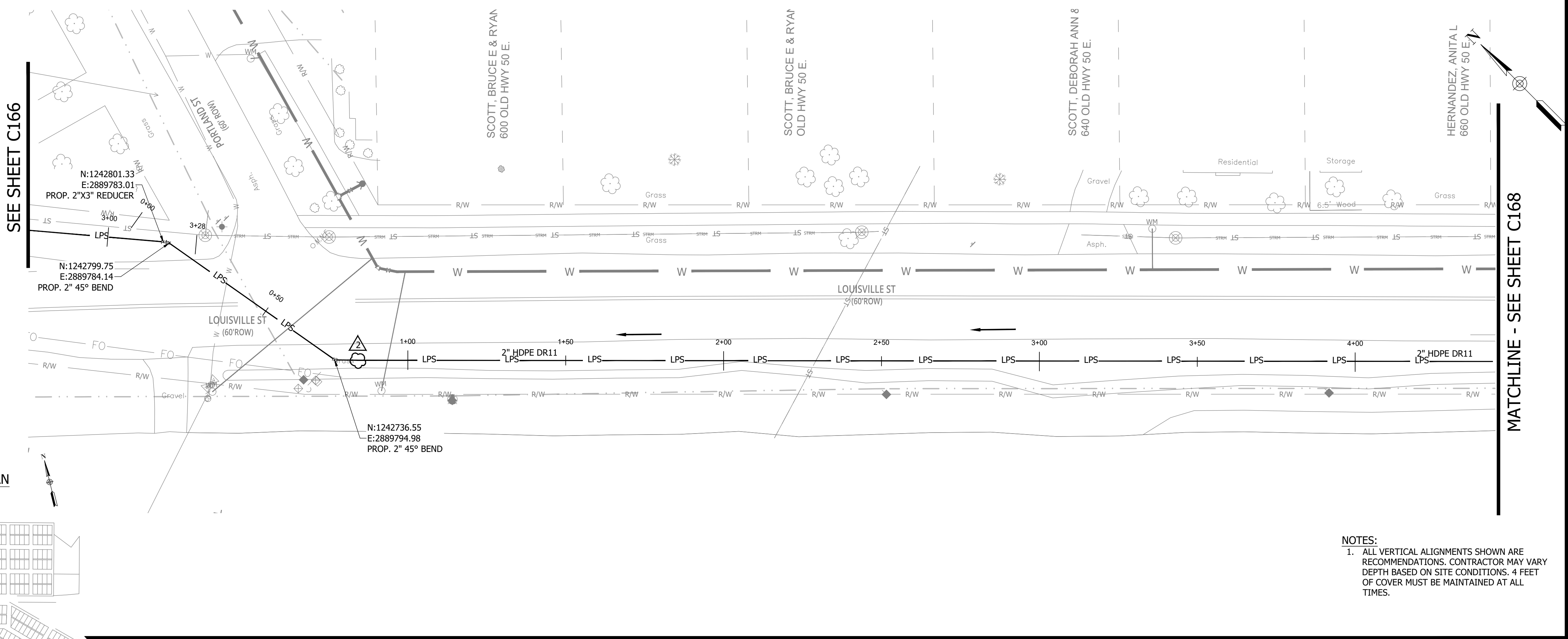
C166

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 11:26 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C163 SANITARY SEWER PLAN AND PROFILE.DWG

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

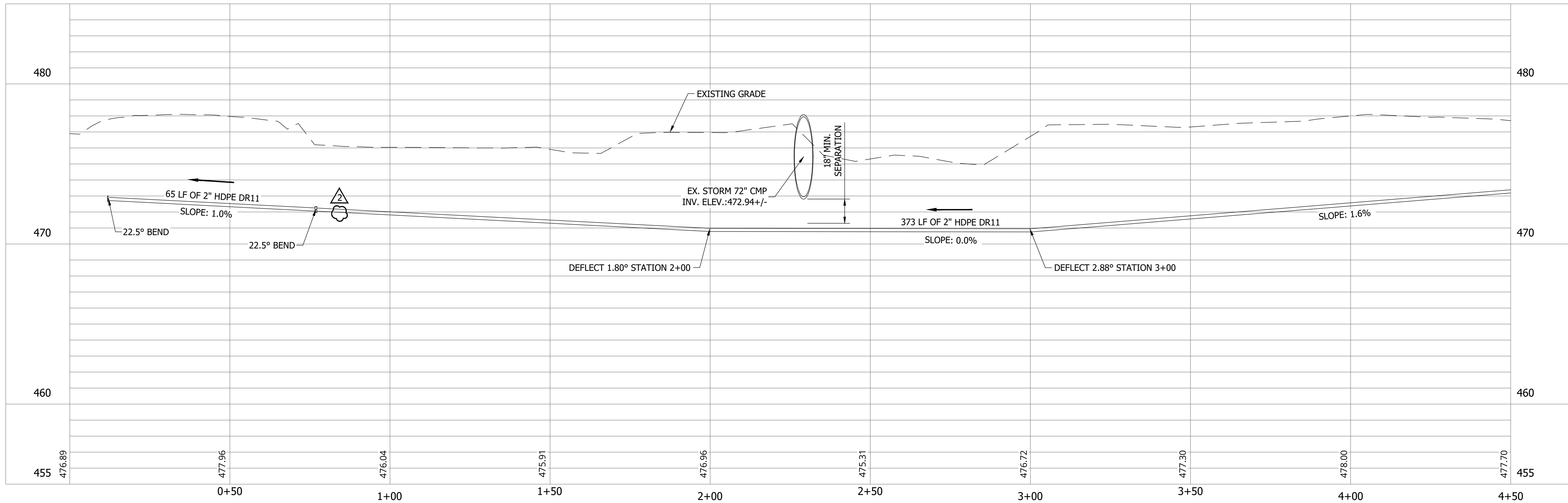
WHEATLAND, IN 47597

CONSTRUCTION PLANS



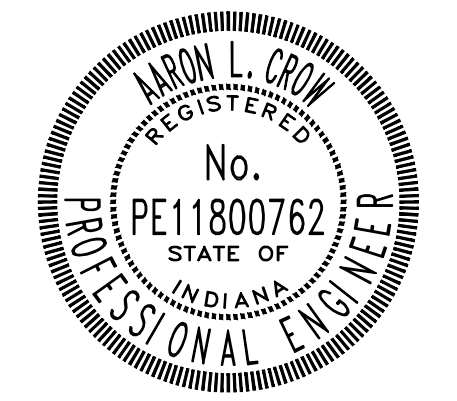
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

OLD HWY 50 (C) STA. 0+00 - 4+50



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



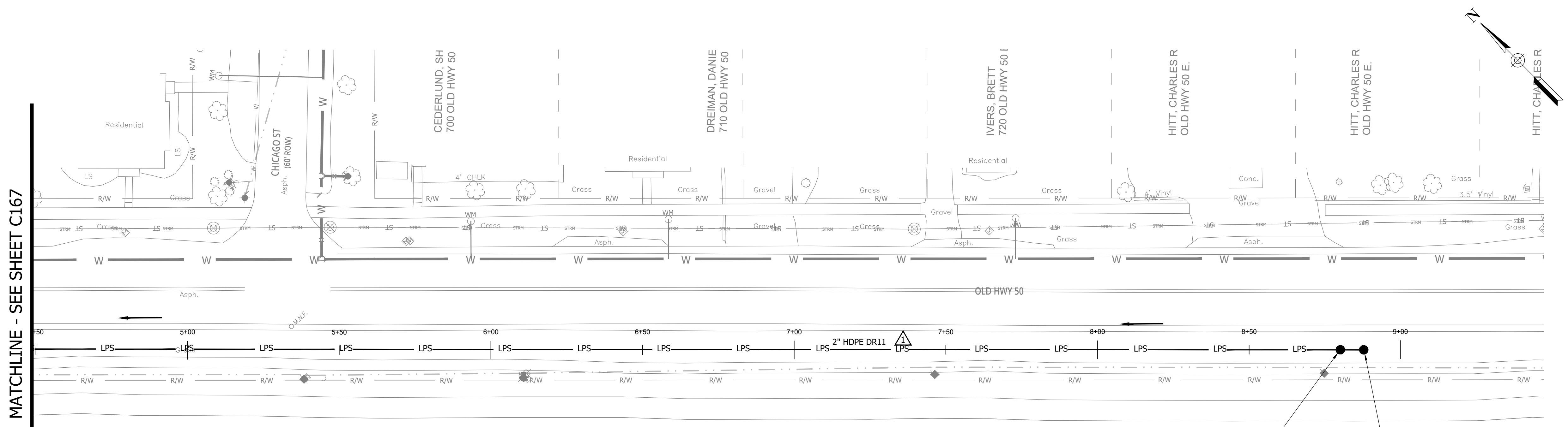
**SANITARY SEWER
PLAN AND PROFILE**

C167

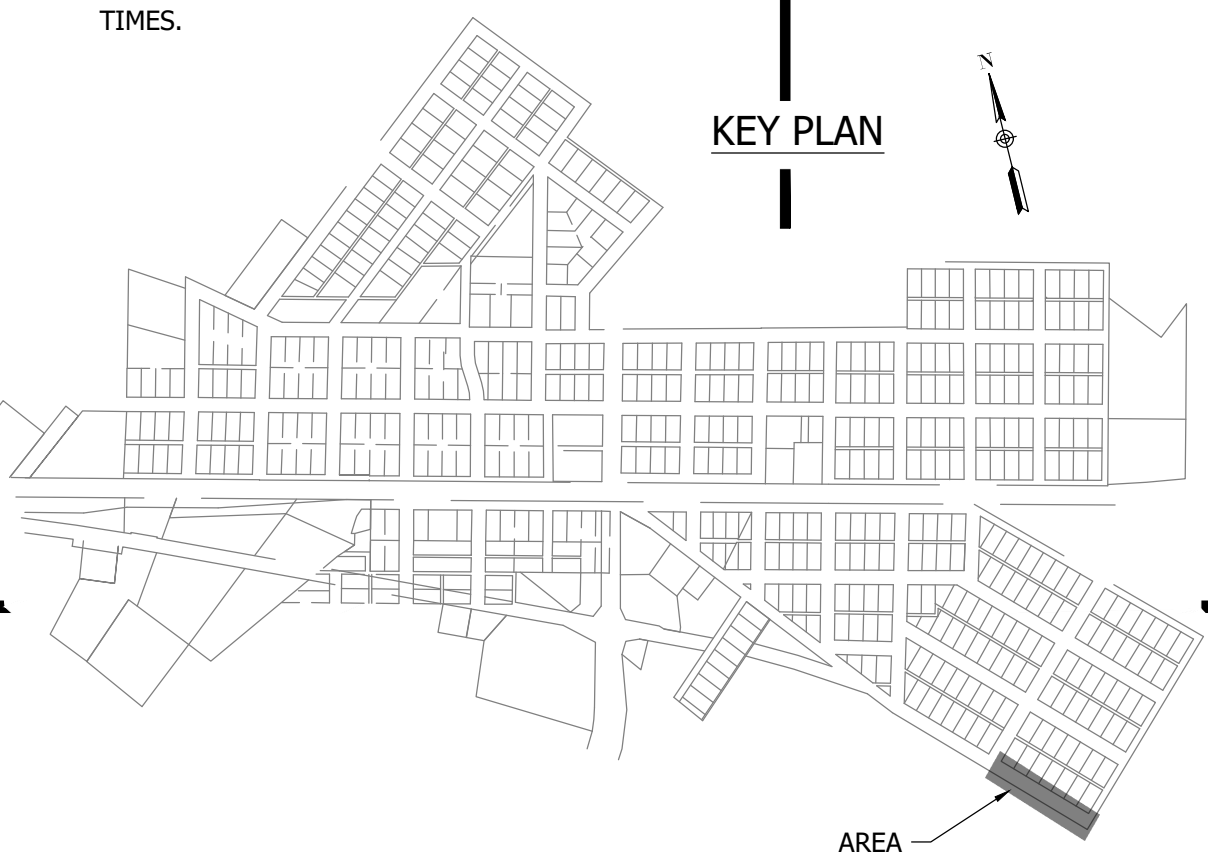
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597



KEY PLAN

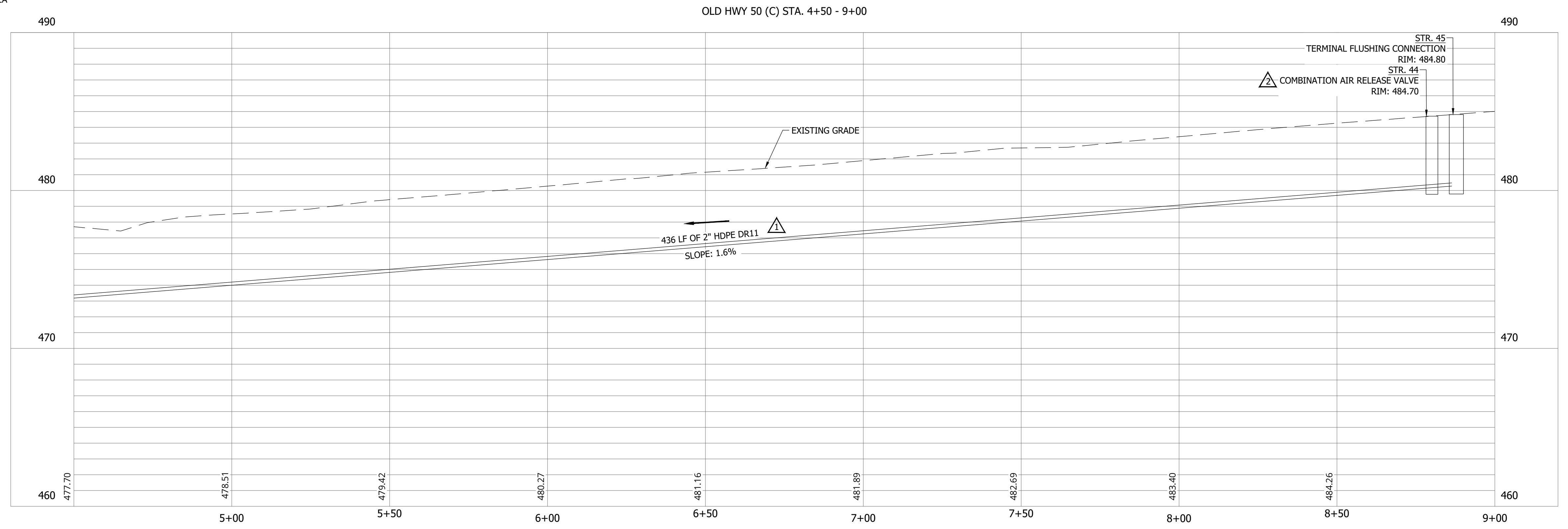


NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

MATCHLINE - SEE SHEET C167

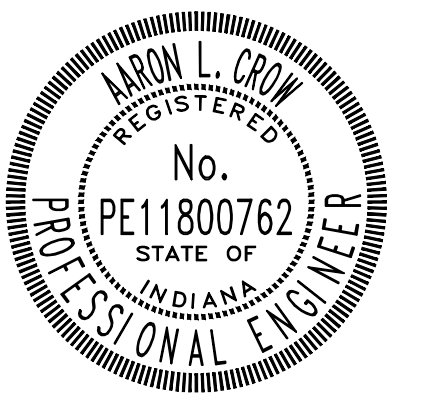
STR. 44
COMBINATION AIR RELEASE VALVE
STA: 8+80.07
N: 1242168.28
E: 2890362.66

STR. 45
TERMINAL FLUSHING CONNECTION
STA: 8+87.80
N: 1242162.78
E: 2890368.11



#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



Aaron Crow



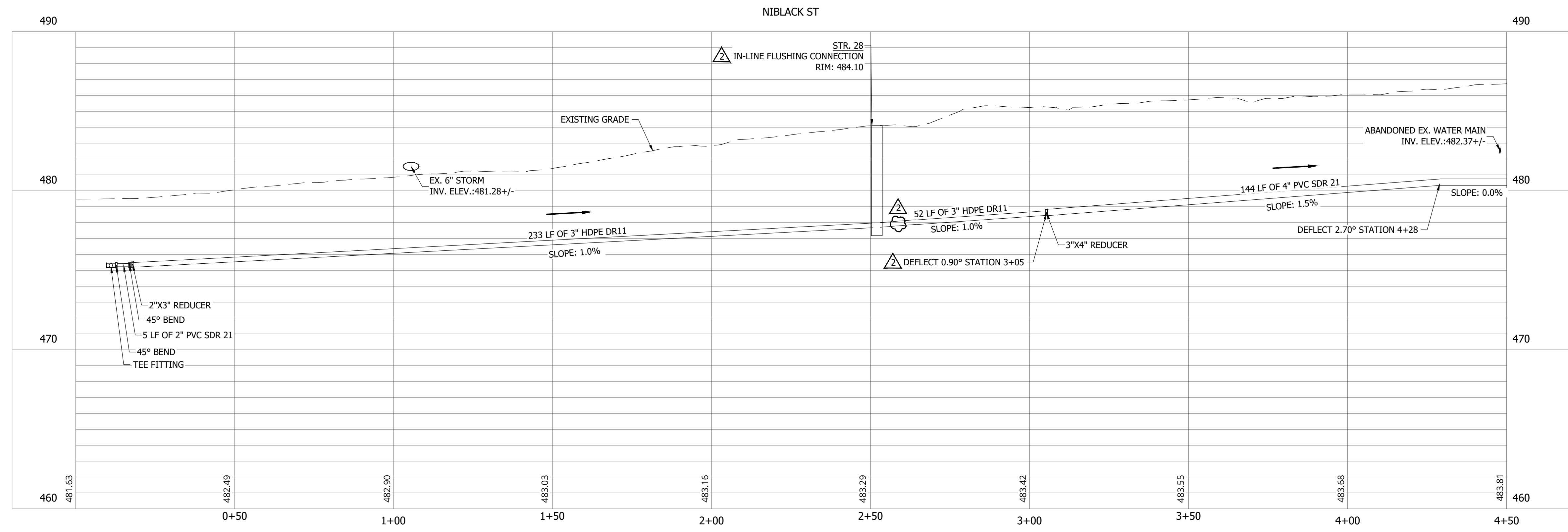
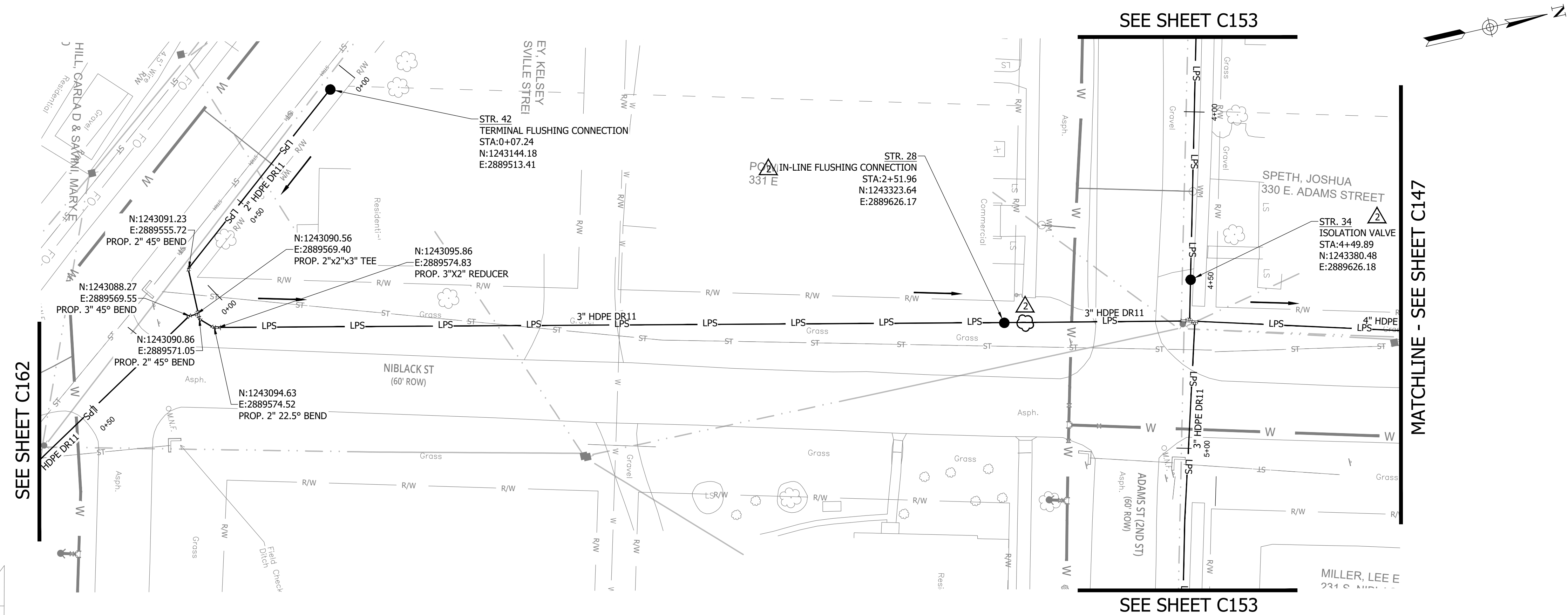
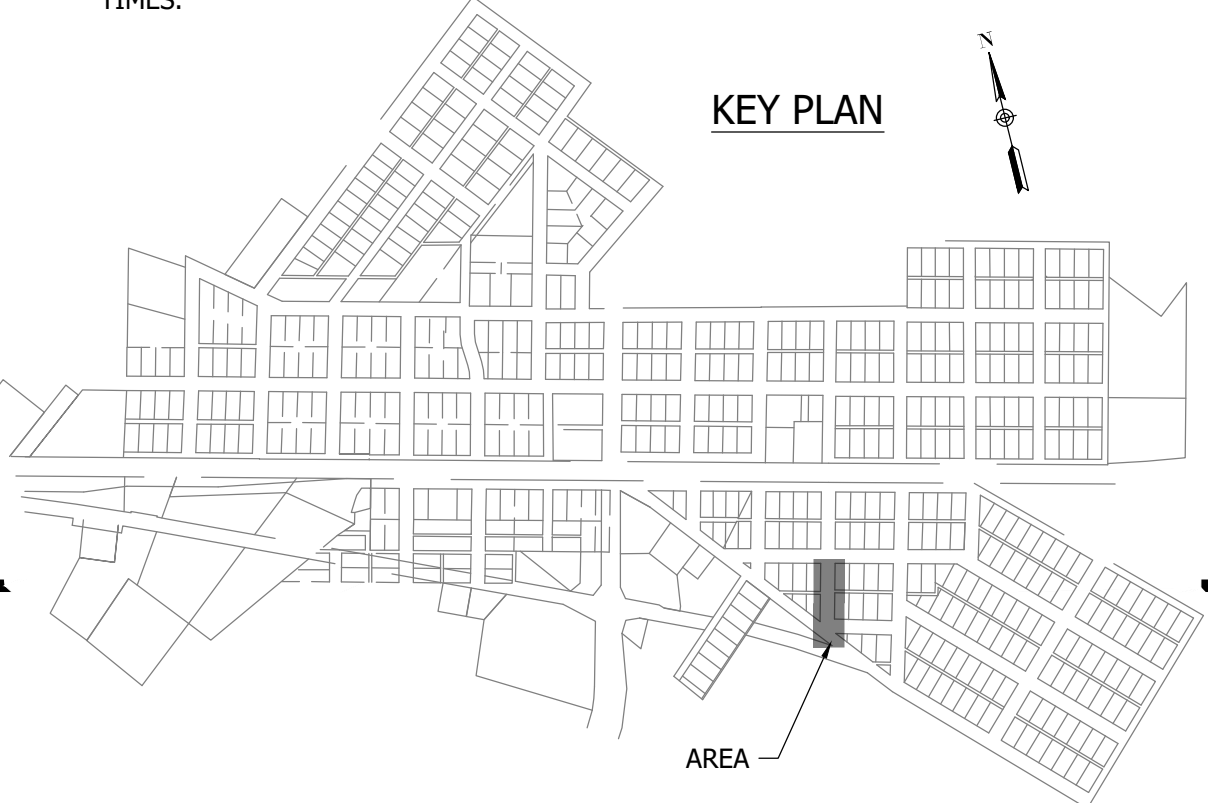
**SANITARY SEWER
PLAN AND PROFILE**

C168

CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM
WHEATLAND, IN 47597

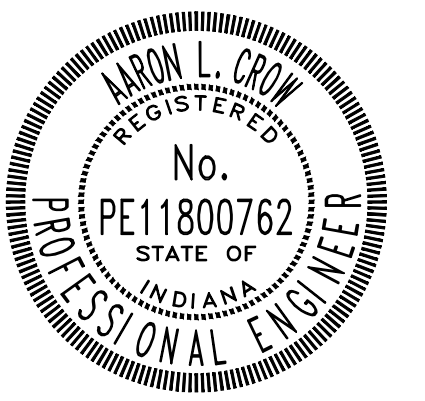
NOTES:
1. ALL VERTICAL ALIGNMENTS SHOWN ARE RECOMMENDATIONS. CONTRACTOR MAY VARY DEPTH BASED ON SITE CONDITIONS. 4 FEET OF COVER MUST BE MAINTAINED AT ALL TIMES.

KEY PLAN



#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



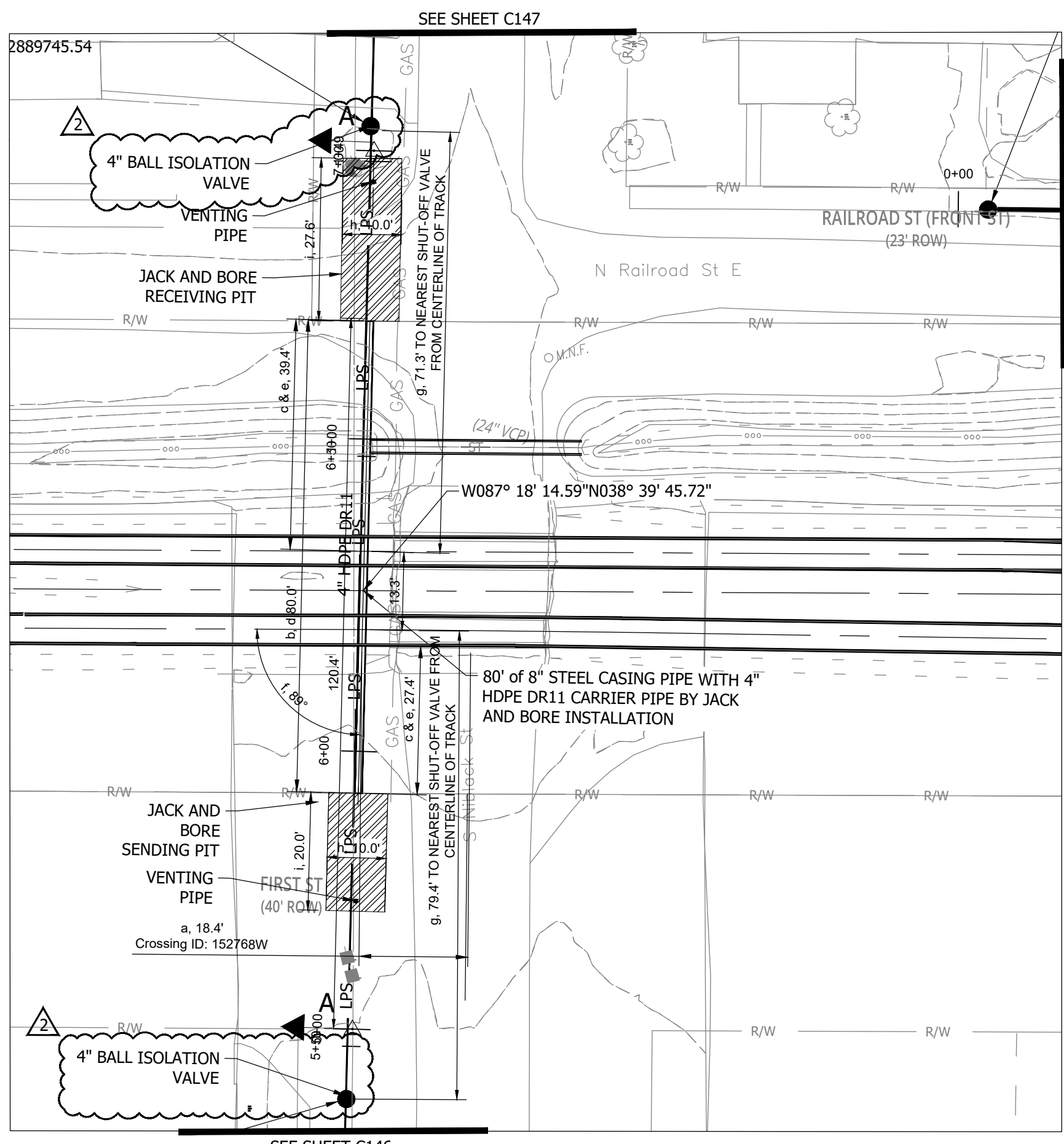
Aron Crow



SANITARY SEWER
PLAN AND PROFILE

C169

PLOT SCALE: 1:1 EDT DATE: 9/26/23 - 11:48 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C181 RAILROAD CROSSING AND PROFILE.DWG



SEE SHEET C128

2889745.54

2

2

LEGEND

Letter	Description
(a)	Distance from crossing to nearest actual milepost (___ feet from MP ___). OR: Distance from crossing to centerline of nearest public road intersection (include DOT Crossing #)
(b)	Width of CSX R/W
(c)	Distance from centerline of track to R/W
(d)	Total length of pipe on CSX R/W [See CSXT Pipeline Spec. page 13, C), i), (f)]
(e)	Distance from centerline of nearest track to face of pits or poles at a 90 degree angle to the track(s)
(f)	Angle of crossing [See CSXT Pipeline Spec. page 5, B), ii)]
(g)	IF CONTENTS UNDER PRESSURE: Distance of shut-off valves from centerline of nearest track (min. 2,000' from nearest track on each side of R/W) [See CSXT Pipeline Spec. page 20, I), i)]
(h)	Width of Launching/Receiving Pit
(i)	Length of Launching/Receiving Pit

THE FRONT OF THE CASING PIPE SHALL BE PROVIDED WITH MECHANICAL ARRANGEMENTS OR DEVICES THAT WILL POSITIVELY PREVENT THE AUGER FROM LEADING THE PIPE SO THAT NO UNSUPPORTED EXCAVATION IS AHEAD OF THE PIPE.

MANHOLES/HANDHOLES/POLES/PULL BOXES/OTHERS ARE NOT PERMITTED ON CSX R/W.

CSXT Pipeline Spec. page 21, K); CSXT Wireline Spec. page 6, A); and CSXT Wireline Spec. page 7, A), ii)]



Location:
 Wheatland, IN 47597
 Latitude:
 N 038°:39':45.72"
 Longitude:
 W 087°:18':14.59"
 Drawing No.: C181 RR Crossing Plan View, Sheet: 73 of 91
 Drawing Date: 08/09/2023 Last Revised: 09/20/2023
 Drawing Scale: 1 Inches = 20 Feet

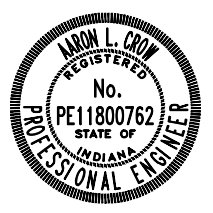
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
 IMPROVEMENTS DIVISION II -
 LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
 Designed By: JDP
 Drawn By: JDP
 Checked By: ALC
 Date: 09/27/2023



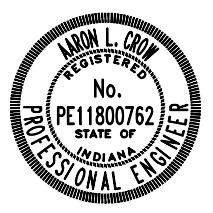
Aaron Crew

**Railroad Crossing
 Plan View**

C181

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: JDP
Checked By: ALG
Date: 09/27/2023



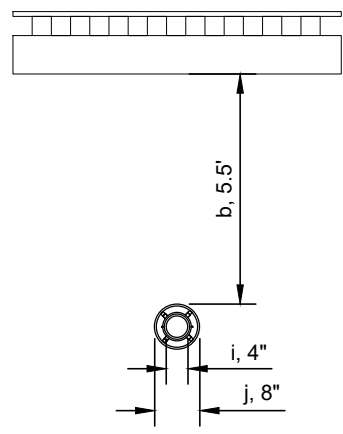
Aron Crow

Railroad Crossing
Plan View

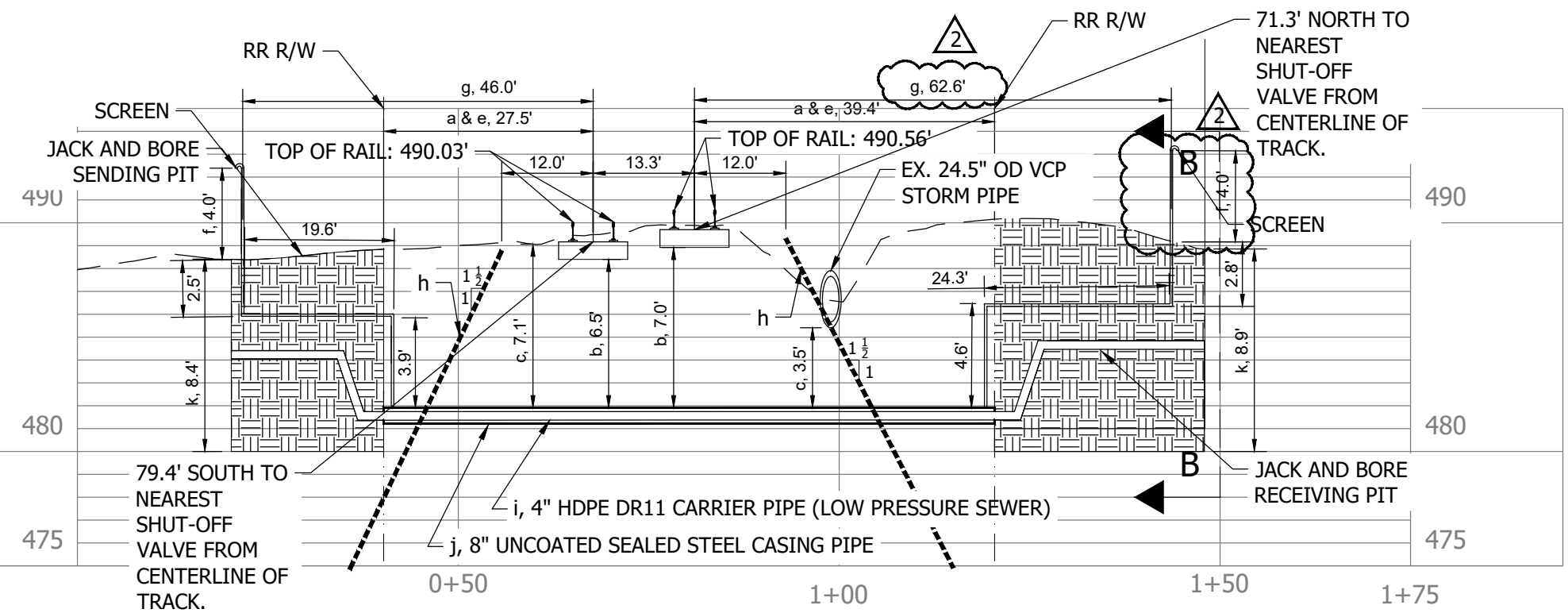
C182

CSX RAILROAD LOW PRESSURE SEWER CROSSING

CROSS SECTION VIEW B-B



2



PIPELINE PROFILE VIEW A-A

- Notes:
- For jack and bore installations, the front of the casing pipe shall be provided with mechanical arrangements or devices that will positively prevent the auger from leading the pipe so that no unsupported excavation is ahead of the pipe.
 - Locate CSX's signal facilities and/or warning devices at proposed facility crossing location, I.E. cantilevers, flashers, gates and show clearances.
 - Casing pipe ends must be sealed.
 - Vent pipes shall be no less than 2 in. in diameter and shall be attached near each end of the casing and project through the ground surface.
 - Vent pipes shall extend not less than 4 feet above the ground surface. Top of vent pipe shall have a down-turned elbow, properly screened, or a relief valve.

LEGEND

Letter	Description
(a)	Distance from centerline of track to CSX R/W
(b)	Distance from base-of-rail to top-of-casing [See CSXT Pipeline Spec. page 6, C)]
(c)	Distance from base-of-ditch to top-of-casing [See CSXT Pipeline Spec. page 6, C)]
(d)	Total length of pipe on CSX R/W [See CSXT Pipeline Spec. page 13, C), i), (f)]
(e)	Distance from centerline of nearest track to face of pits at a 90 degree angle to the track(s)
(f)	Distance from top-of-vent pipe to ground surface (4' minimum required) [See CSXT Pipeline Spec. page 20, F)]
(g)	Distance from centerline of track to vent pipe at a 90 degree angle to the track(s) [See CSXT Pipeline Spec. page 20, F)]
(h)	Theoretical Embankment Line: Starts 12' from centerline of track and extends away from track at a slope of 1.5' over and 1' down [See CSXT Pipeline Spec. page 14, C), i), (f), B.P. # 6]
(i)	Carrier pipe diameter
(j)	Casing pipe diameter
(k)	Depth of Launching/Receiving Pit

CSXT Pipeline Spec. Reference

PIPELINE CONTENT DETAILS

Commodity Description:		Sanitary Low Pressure Sewer	
Maximum Operating Pressure:		18.7 psi	
Is Commodity Flammable:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
CARRIER/CASING PIPE DETAILS			
Pipe Material:		Carrier Pipe	Casing Pipe
Material Specifications & Grade:		HDPE	STEEL
Specified Minimum Yield Strength:		ASTM F714 DR11	Carbon Steel
Nominal Size Outside Diameter (Inches):		3600 psi	35,000 psi
Wall Thickness (Inches):		4.5 in.	8 in. 2
Type of Seam:		0.409 in.	0.250 in.
Type of Joints:		NA	Straight Seam
Tunnel Liner Plates Required:		Restrained	Butt welded
Cathodic Protection:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type: NA
Protective Coating:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type: NA
Temp. Track Support or Rip-Rap Req.:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	



Location:
Wheatland, IN 47597
Latitude:
N 038°:39':45.72"
Longitude:
W 087°:18':14.59"
Drawing No.: C182 Sheet: 74 of 91 2
Drawing Date: 08/21/2023 Revised: 09/20/2023 2
Drawing Scale: V 1 Inches = 10 Feet
Drawing Scale: H 1Inches = 30 Feet

PLOT SCALE: 1:1 EDT DATE: 9/26/23 - 11:48 AM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C182 RAILROAD CROSSING AND PROFILE.DWG

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

CONSTRUCTION PLANS

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

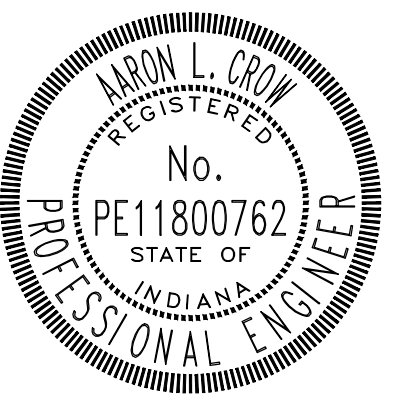
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



Aron Crow

**SEWER LATERAL
SCHEDULE**

C400

LAST NAME	ADDRESS	COMMERCIAL (Y/N)	AVAILABLE LATERAL TIE IN LOCATION(S)
340 NORTH NICHOLSON ST LAND TRUST	340 N NICHOLSON ST	N	Sewer west of property along Nicholson Street
ADAMS	641 E WASHINGTON ST	N	Sewer northeast of property along Washington Street
ANDERSON	632 W MAIN ST	N	Either sewer west of property along Hickman Street or south of property along Main Street
ANDERSON	101 S. SYCAMORE ST	N	Sewer north of property along Main Street
BAKER	229 W MAIN ST	N	Either sewer west of property along Short Street or north of property along Main Street
BARTHLOW	340 N NICHOLSON ST	N	Dead end southwest of property
BEAMAN	620 E WASHINGTON ST	N	Sewer southwest of property along Washington Street
BEASLEY	213 S SHORT ST	N	Sewer west of property along Short Street
BEDELL	402 W MAIN ST	N	Either sewer south of property along Main Street or east of property along Seminary Street
BLACKMAN	522 N RAILROAD E	N	Either sewer south of property along Railroad Street or east of property along Wallace Street
BRUNER	511 E JEFFERSON ST	N	Sewer north of property along Jefferson Street
BUSS	206 N NICHOLSON ST	N	Sewer southeast of property along Nicholson Street
BUTLER	210 N NICHOLSON ST	N	Sewer east of property along Nicholson Street
CALVARY BAPTIST	310 HALL RD	Y	Dead end or sewer west of property
CARDOZA	120 S WALNUT ST	N	Sewer north of property along alley
CARRIE	221 N NICHOLSON ST	N	Sewer west of property along Nicholson Street
CARRIE	743 W MAIN ST	N	Dead end or sewer north of property along Main Street
CEDERLUND	700 E OLD HWY 50	N	Sewer south of property along Old Highway 50
CHAPPELL	118 N HICKMAN ST	N	Sewer east of property along Hickman Street
CHASTAIN	611 W MAIN ST	N	Sewer north of property along Main Street
CHRISTIAN	207 N GREEN ST	N	Either sewer west of property along Short Street or east of property along Green Street
COLLARD	661 E WASHINGTON ST	N	Sewer northeast of property along Washington Street
COMMERCIAL	143 W MAIN ST	Y	Sewer north of property along Main Street
COOK	502 W STATE RD 550	N	Sewer east of property along Nicholson Street
CRAFT	601 E ADAMS ST	N	Sewer north of property along Adams Street
CUMBA	711 E WASHINGTON ST	N	Sewer north of property along Washington Street
DAFFRON	602 E ADAMS ST	N	Sewer south of property along Adams Street
DAVIDSON	701 W MAIN ST	N	Either sewer north of property along Main Street or dead end to southeast of property
DAVIS	101 W BATEMAN ST	N	Sewer east of property along Bateman Street
DAVIS,	605 W STATE RD 550	N	Either sewer south of property along alley or east of property along Walnut Street
DAWSON	125 N. HICKMAN ST	N	Sewer west of property along Hickman Street
DEBUSSERET	13147 W OLD HWY 50	N	Sewer south of property along Old Highway 50
DECKARD	106 S SEMINARY ST	N	Either sewer north of property along Main Street or east of property along Seminary Street
DONALDSON	621 W OLD HWY 50	N	Sewer north of property along Old Highway 50
DREIMAN	710 E OLD HWY 50	N	Sewer south of property along Old Highway 50
DRISKILL	220 S GREEN ST	N	Sewer east of property along Green Street
DRUGSTORE APARTMENTS	111 S STATE RD 550	Y	Sewer south of property (and Town Hall) along Railroad Street
DURDEN	203 E LOUISVILLE ST	N	Sewer northeast of property along Louisville Street
EAGAN	610 W STATE RD 550	N	Sewer east of property along Walnut Street
EARLEY	631 W MAIN ST	N	Either sewer north of property along Main Street or south of property along alley
ELMORE	403 W SR 550	N	Sewer east of property along Seminary Street, or south along new easement.
ENGLE	709 WASHINGTON ST	N	Sewer northeast of property along Washington Street
EVINGER	712 N. RAILROAD ST	N	Either sewer west of property along Nicholson Street or its dead end

LAST NAME	ADDRESS	COMMERCIAL (Y/N)	AVAILABLE LATERAL TIE IN LOCATION(S)
FATSOS	303 W OLD HWY 50	N	Sewer north of property along Old Highway 50
FIELDS	530 E 2ND ST	N	Either sewer south of property along 2nd Street or east of property along Wallace Street
FIELDS	702 W MAIN ST	N	Either sewer south of property along Main Street or east of property along Hickman Street
FIELDS	441 E 2ND ST	N	Sewer north of property along 2nd Street
FIELDS	218 N NICHOLSON ST	N	Sewer southeast of property along Nicholson Street
FIRST BAPTIST CH	331 E ADAMS ST	Y	Sewer north of property along Adams Street
FOUNTAIN	111 E OLD HWY 50	N	Sewer north of property along Old Highway 50
FRANKLIN	720 W OLD HWY 50	N	Sewer south of property along Old Highway 50
FREEMAN	631 E ADAMS ST	N	Sewer north of property along Adams Street
FULLER	650 E WASHINGTON ST	N	Sewer south of property along Washington Street
GABREL	610 E ADAMS ST	N	Sewer south of property along Adams Street
GABREL	306 KLONDIKE ST	N	Dead end to north of property on Adams Street
GRABBE	440 E ADAMS ST	N	Either sewer south of property along Adams Street or south of property along Portland Street
GROVES	542 W STATE RD. 550	N	Sewer west of property along Walnut Street
HAAG	733 E WASHINGTON ST	N	Sewer north of property along Washington Street
HAAG	120 N RAILROAD ST E	N	Sewer west of property along Railroad Street
HAGEMAN	131 W BATEMAN ST	N	Either sewer west of property along Green Street or east of property along Bateman Street
HAGEMAN	359 N WHITE RIVER AVENUE	N	Sewer west of property along Bateman Street
HARDIG	310 E MAIN ST	N	Sewer south of property along Main Street
HARRIS	220 SEMINARY ST	N	Sewer east of property along Seminary Street
HATTON	631 E WASHINGTON ST	N	Sewer northeast of property along Washington Street
HAYLOFT	200 W MAIN ST	N	Either sewer south of property along Main Street or east of property along Green Street
HENDERSHOT	210 N SHORT ST	N	Sewer east of property along Short Street
HENDERSHOT	330 W STATE RD 550	N	Sewer north of property along Old Highway 50
HENRY	327 W MAIN ST	N	Either sewer west of property along Seminary Street or north of property along Main Street
HENRY	760 E ADAMS ST	N	Sewer south of property along Adams Street
HERNANDEZ	660 E OLD HWY 50	N	Sewer south along Old Highway 50
HILL	301 S PORTLAND ST	N	Either sewer west along Portland Street or north along Adams Street
HILL	219 S SEMINARY ST	N	Sewer west of property along Seminary Street
HILL	306 E OLD HWY 50	N	Sewer north of property along Louisville Street
HILL	308 E OLD HWY 50	N	Sewer north of property along Louisville Street
HILL	510 E ADAMS ST	N	Sewer south of property along Adams Street
HITT	750 E OLD HWY 50	N	Either dead end or sewer along Old Highway 50
HOKE	230 N NICHOLSON ST	N	Either dead end or sewer along Nicholson Street
HOLEISINGER	120 N SYCAMORE ST	N	Sewer north of property along 2nd Street
HONT	233 N NICHOLSON ST	N	Either dead end or sewer along Nicholson Street
HORTON	203 N WHITE RIVER AVE	N	Either dead end northeast of property along Green Street or northeast of property along Bateman Street
HORTON	321 N GREEN ST	N	Sewer west of property along Green Street
HUMBLE	723 W MAIN ST	N	Sewer north of property along Main Street
IVERS	720 E OLD HWY 50	N	Sewer south of property along Old Highway 50
JAMES	611 W STATE RD 550	N	Sewer south of property along alley
JOHNSON	210 E MAIN ST	N	Sewer south of property along Main Street
JONES	100 W OVERBAY ST	N	Either sewer west of property along Green Street or east of property along Bateman Street
JONES	220 S SHORT ST	N	Sewer east of property along Short Street

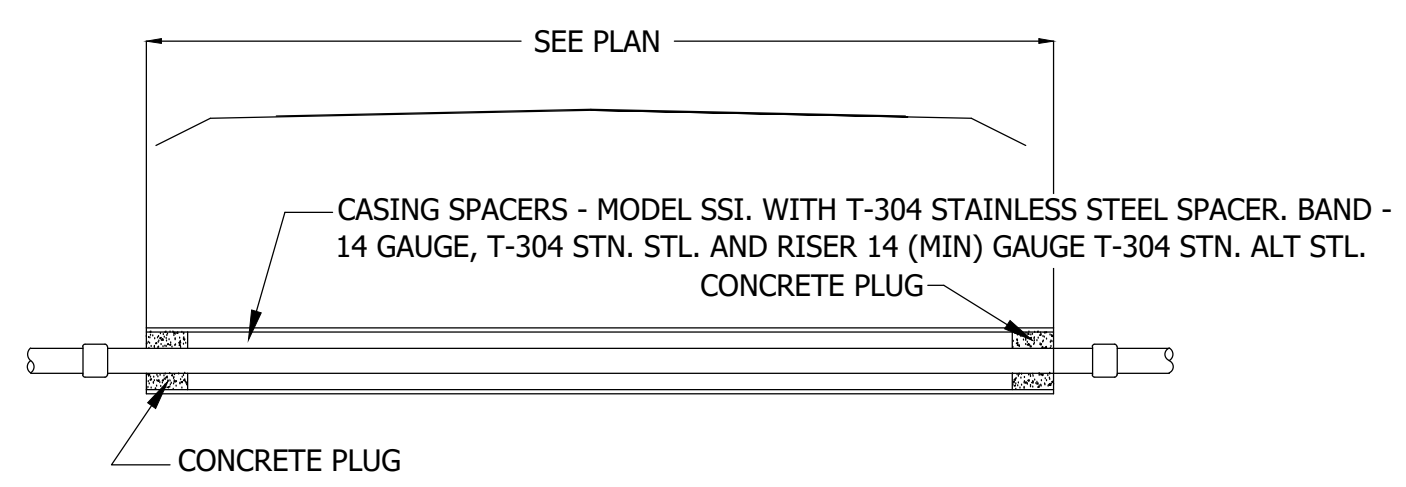
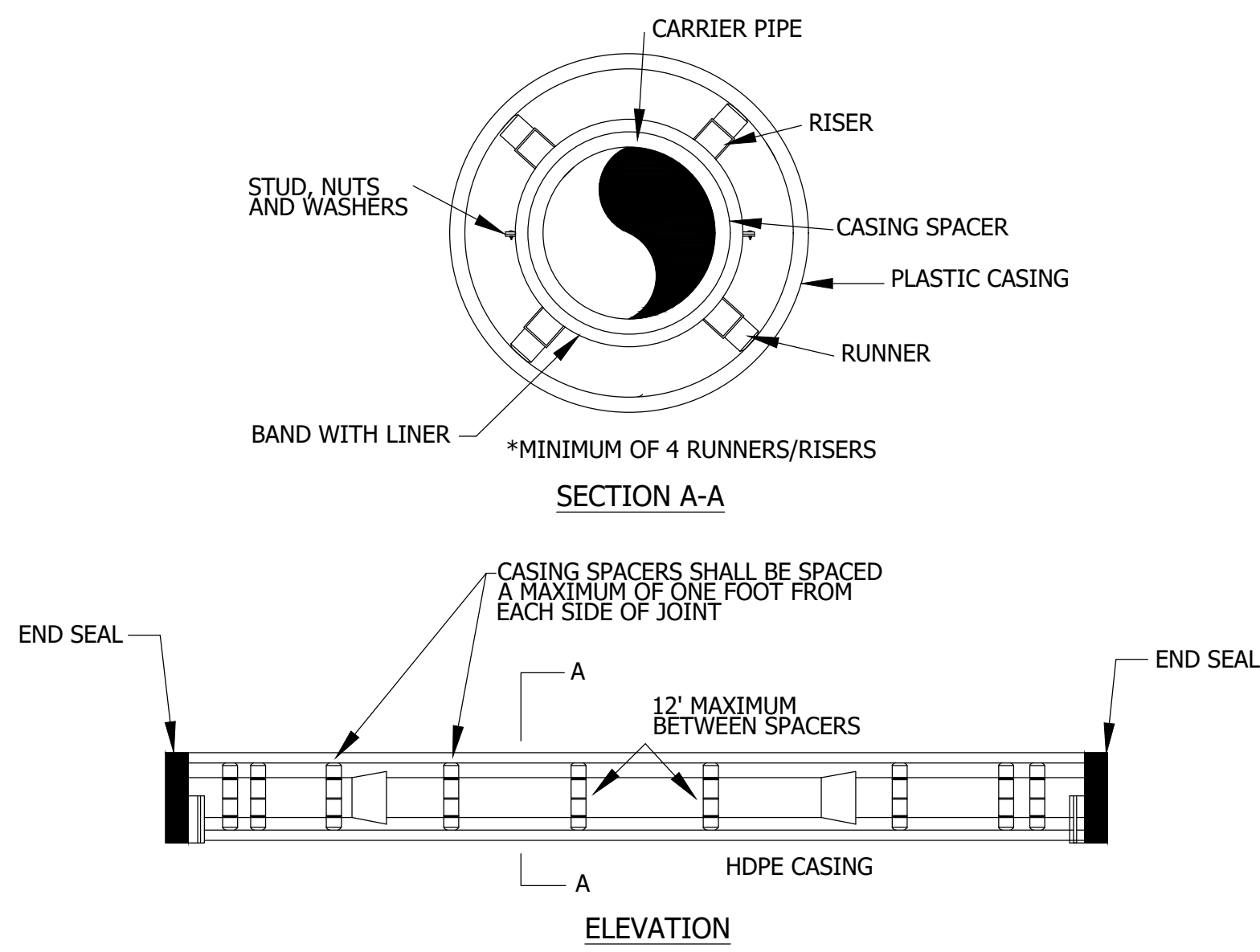
LAST NAME	ADDRESS	COMMERCIAL (Y/N)	AVAILABLE LATERAL TIE IN LOCATION(S)
JONES	621 W MAIN ST	N	Sewer north of property along Main Street
JONES	322 E ADAMS ST	N	Sewer south of property along Adams Street
JUNKIN	331 E MAIN ST	N	Either sewer north of property along Main Street or east of property along Niblack Street
JUNKIN	120 W LOUISVILLE ST	N	Sewer southwest of property along Louisville Street
KAYS	731 W OLD HWY 50	N	Sewer south of property along Old Highway 50
KELLER	431 W MAIN ST	N	Either sewer west of property along Nicholson Street or north of property along Main Street
KELLER	600 E WASHINGTON ST	N	Either sewer west of property along Portland Street or south of property along Washington Street
KEMP	140 W MAIN ST	N	Either sewer west of property along Green Street or south of property along Main Street
KEMP	602 E MAIN ST	N	Either sewer west of property along Wallace Street or south of property along Main Street
KEMP	702 E MAIN ST	N	Sewer south of property along Main Street
KEYES	611 E JEFFERSON ST	N	Dead end along Jefferson Street
KNOX	105 and 107 W SR 550	Y	Sewer to north of property along Main Street
KNOX	104 and 106 W MAIN ST	Y	Sewer to south of property along Main Street
KNOX	120 and 122 W MAIN ST	Y	Sewer to south of property along Main Street
KROME	410 W OLD HWY 50	N	Either sewer south of property along Old Highway 50 or east of property along Seminary Street
KROME	330 W OLD HWY 50	N	Either sewer south of property along Old Highway 50 or west of property along Seminary Street
LAMAR	230 W STATE RD 550	N	Either sewer west of property along Short Street or east of property along Green Street
LANGLOIS	605 E WASHINGTON ST	N	Sewer northeast of property along Washington Street
LANNING	201 E OLD HWY 50	N	Sewer south of property along Old Highway 50
LLOYD	421 W STATE RD 550	N	Sewer to south of property along new easement
LUCAS	204 W OLD HWY 50	N	Sewer south of property along Old Highway 50
LUCAS	202 W OLD HWY 50	N	Sewer south of property along Old Highway 50
LUCE	700 E WASHINGTON ST	N	Sewer southwest of property along Washington Street
LUCHTEFELD	211 N NICHOLSON ST	N	Sewer west of property along Nicholson Street
MALLET	402 N RAILROAD E	N	Sewer west of property along Niblack Street
MALLETT	410 N RAILROAD ST E	N	Sewer south of property along Railroad Street
MCCARTER	200 E LOUISVILLE ST	N	Sewer south of property along Louisville Street
MCCARTER	220 W MAIN ST	N	Sewer south of property along Main Street
MCCARTER	221 N WALNUT ST	N	Sewer west of property along Walnut Street
MCCORMICK	221 W MAIN ST	N	Sewer north of property along Main Street
McCRAY	113 W MAIN ST	N	Sewer north of property along Main Street
MEGCOLE	121 S RAILROAD ST W	N	Sewer north of property along Railroad Street
MEUSER	220 N RAILROAD ST	N	Sewer south of property along Railroad Street
MILEY	301 S NIBLACK ST	N	Sewer north of property along Adams Street
MILLER	231 S NIBLACK ST	N	Sewer west of property along Niblack Street
MINCEY	601 W MAIN ST	N	Sewer north, east, and south of property all available for connection
MITCHELL	712 W OLD HWY 50	N	Sewer south of property along Old Highway 50
MONEY SOURCE INC	302 N SHORT ST	N	Sewer south of property along Church Street
MONTGOMERY	110 S STATE RD 550	N	Sewer north of property along Main Street
MOORE	220 N RAILROAD E	N	Sewer south of property along Railroad Street
MOORE	441 W STATE RD 550	N	Sewer west of property along Nicholson Street
MORONEZ	310 W MAIN ST	N	Either sewer east of property along Short Street or south of property along Main Street
MURPHY	219 S GREEN ST	N	Sewer west of property along Green Street
NAVE	307 W MAIN ST	N	Either sewer north of property along Main Street or east of property along Short Street

LAST NAME	ADDRESS	COMMERCIAL (Y/N)	AVAILABLE LATERAL TIE IN LOCATION(S)
NORRICK	421 S RAILROAD ST	N	Sewer north of property along Railroad Street
ORCHARD	602 W MAIN ST	N	Sewer north, east, and south of property all available for connection
PEACH	209 E LOUISVILLE ST	N	Sewer northeast of property along Louisville Street
PENWELL	214 N NICHOLSON ST	N	Sewer east of property along Nicholson Street
PENWELL	741 E ADAMS	N	Sewer north of property along Adams Street
PENWELL	110 E MAIN ST	N	Sewer south of property along Main Street
PETRUSEK	121 N GREEN ST	N	Sewer west of property along Green Street
PHILLIPS	215 S RAILROAD ST W	N	Either sewer north of property along Railroad Street or east of property along Green Street
PIG FARM	242 S NICHOLSON ST	N	Sewer south of property along Old Highway 50
POTTORFF	117 N SYCAMORE ST	N	Sewer north of property along 2nd Street
POWELL	321 E ADAMS ST	N	Sewer north of property along Adams Street
POWELL	210 W MAIN ST	N	Sewer south of property along Main Street
POWELL	220 E MAIN ST	N	Sewer south of property along Main Street
POWELL	201 E JEFFERSON ST	N	Dead end on Jefferson Street
RAMSAY	621 E JEFFERSON ST	N	Sewer north of property along Jefferson Street
RAMSEY	630 E JEFFERSON ST	N	Sewer north of property along Jefferson Street
RICE	225 N NICHOLSON ST	N	Sewer west of property along Nicholson Street
RICHARDSON	730 E WASHINGTON ST	N	Sewer south of property along Washington Street
RICHARDSON	221 W MAIN ST	N	Sewer north of property along Main Street
RIKER	307 E MAIN ST	N	Either sewer west of property through alley or north of property along Main Street
ROBINSON	459 E OLD HWY 50	N	Sewer north of property along Old Highway 50
ROBINSON	439 E OLD HWY 50	N	Sewer north of property along Old Highway 50
RUSSELL	603 E MAIN ST	N	Either sewer west of property along Wallace Street or north of property along Main Street
RUSSELL	110 N RAILROAD ST W	N	Sewer west of property along Green Street at dead end
SAVINI	530 E ADAMS ST	N	Sewer south of property along Adams Street
SCOTT	640 E OLD HWY 50	N	Sewer south of property along Old Highway 50
SCOTT	600 E OLD HWY 50	N	Sewer south of property along Old Highway 50
SEARS	300 E ADAMS	N	Sewer south of property along Adams Street
SEARS	500 E ADAMS ST	N	Sewer west of property along Portland Street
SELLERS	215 E LOUISVILLE ST	N	Either sewer northeast of property along Louisville Street or southeast of property along Enley Street
SETH	619 ADAMS ST	N	Sewer north of property along Adams Street
SHORE	427 E WASHINGTON ST	N	Sewer north, east, and south of property all available for connection
SIEWERS	420 W STATE RD 550	N	Sewer west of property along Nicholson Street
SMALL	751 E WASHINGTON ST	N	Sewer north of property along Washington Street
SMALL	640 E WASHINGTON ST	N	Sewer south of property along Washington Street
SMALL	130 S STATE RD 550	N	Dead end along Railroad Street just south of Town Hall
SMITH	730 E ADAMS ST	N	Sewer south of property along Adams Street
SMITH	210 S SHORT ST	N	Sewer southeast of property along Short Street
SPETH	330 E. ADAMS ST.	N	Either sewer south along Adams Street or east along Niblack Street
STANTZ	711 W OLD HWY 50	N	Sewer north of property along Old Highway 50
STEEN	210 S NIBLACK ST	N	Sewer east of property along Niblack Street
SULLIVAN	230 W MAIN ST	N	Either sewer west of property along Short Street or south of property along Main Street
SULLIVAN	654 E ADAMS ST	N	Sewer south of property along Adams Street
SWIERCZAK	223 E MAIN ST	N	Sewer north of property along Main Street
SYLVESTER	220 N WALLACE ST	N	Dead end or sewer to east of property along Wallace Street
TAGGART	231 E MAIN ST	N	Either sewer north of property along Main Street or east of property along alley
TAYLOR	102 W BATEMAN ST	N	Sewer southwest of property along Bateman Street

LAST NAME	ADDRESS	COMMERCIAL (Y/N)	AVAILABLE LATERAL TIE IN LOCATION(S)
TAYLOR	223 S SEMINARY ST	N	Sewer west of property along Seminary Street
THE CORNER SALE	255 S. STATE RD. 550	Y	Sewer south of property along Old Highway 50
THOMAS	310 N RAILROAD ST W	N	Sewer east of property along Short Street
THOMAS	200 S SEMINARY ST	N	Sewer north of property along Railroad Street
THOMPSON	300 E LOUISVILLE ST	N	Either sewer west of property along Louisville Street or north of property along Adams Street
THOMPSON	226 N NICHOLSON ST	N	Sewer southeast of property along Nicholson Street
TISLOW	120 N NIBLACK ST	N	Sewer north of property along 2nd Street
TISLOW	110 N NIBLACK ST	N	Sewer south of property along Main Street
TRYON	230 N RAILROAD E	N	Either sewer south of property along Railroad Street or east of property along alley
TURNER	439 E ADAMS ST	N	Either sewer north of property along Adams Street or east of property along Portland Street
UNITED	330 W MAIN ST	N	Either sewer west of property along Seminary Street or south of property along Main Street
US POST OFFICE	123 W MAIN ST	Y	Sewer north of property along Main Street
VAGABOND MOTEL*	301 E OLD HWY 50	Y	Sewer north of property along Old Highway 50
VALENZUELA	705 E HWY 550	N	Sewer east of property along Hickman Street
WAGNER	301 S RAILROAD ST	N	Either sewer north of property along Railroad Street or east of property along Short Street
WAGNER	309 S RAILROAD ST W	N	Sewer north of property along Railroad Street
WATHEN	712 W MAIN ST	N	Either sewer south of property along Main Street or east of property along Hickman Street
WATSON	512 W MAIN ST	N	Either sewer south of property along Main Street or east of property along Nicholson Street
WATSON	541 W MAIN ST	N	Sewer north of property along Main Street
WESLEYAN	240 N GREEN ST	Y	Either sewer west of property along Short Street or east of property along Green Street
WHEATLAND	330 S STATE RD 550	Y	Sewer north of property along Old Highway 50
WHEATLEY	340 E LOUISVILLE ST	N	Sewer north of property along Old Highway 50
WHITCOMB	641 E MAIN ST	N	Sewer north of property along Main Street
WIELING	215 N WALNUT ST	N	Sewer west of property along Walnut Street
WILKES	412 W MAIN ST	N	Sewer south of property along Main Street
WILLIAMS	410 W CHURCH ST	N	Dead end along Nicholson Street
WILLIAMSON	213 E MAIN ST	N	Sewer north of property along Main Street
WINGFIELD-HA MILTON	170 W. BATEMAN ST	N	Either sewer northwest of property along Green Street or southwest of property along Bateman Street
WININGER	115 N SHORT ST	N	Sewer west of property along Short Street
WOLF	710 E WASHINGTON ST	N	Sewer south of property along Washington Street
WOOD	218 N. SHORT ST	N	Sewer east of property along Short Street
WRIGHT	115 S HICKMAN ST	N	Sewer north of property along alley
WYATT	220 S NIBLACK ST	N	Sewer east of property along Niblack Street
YOUNG	100 E 2ND ST	N	Sewer west of property along White River Ave

* Vagabond Motel to use duplex grinder pump station unit. All other addresses listed are to use simplex grinder pump station units.

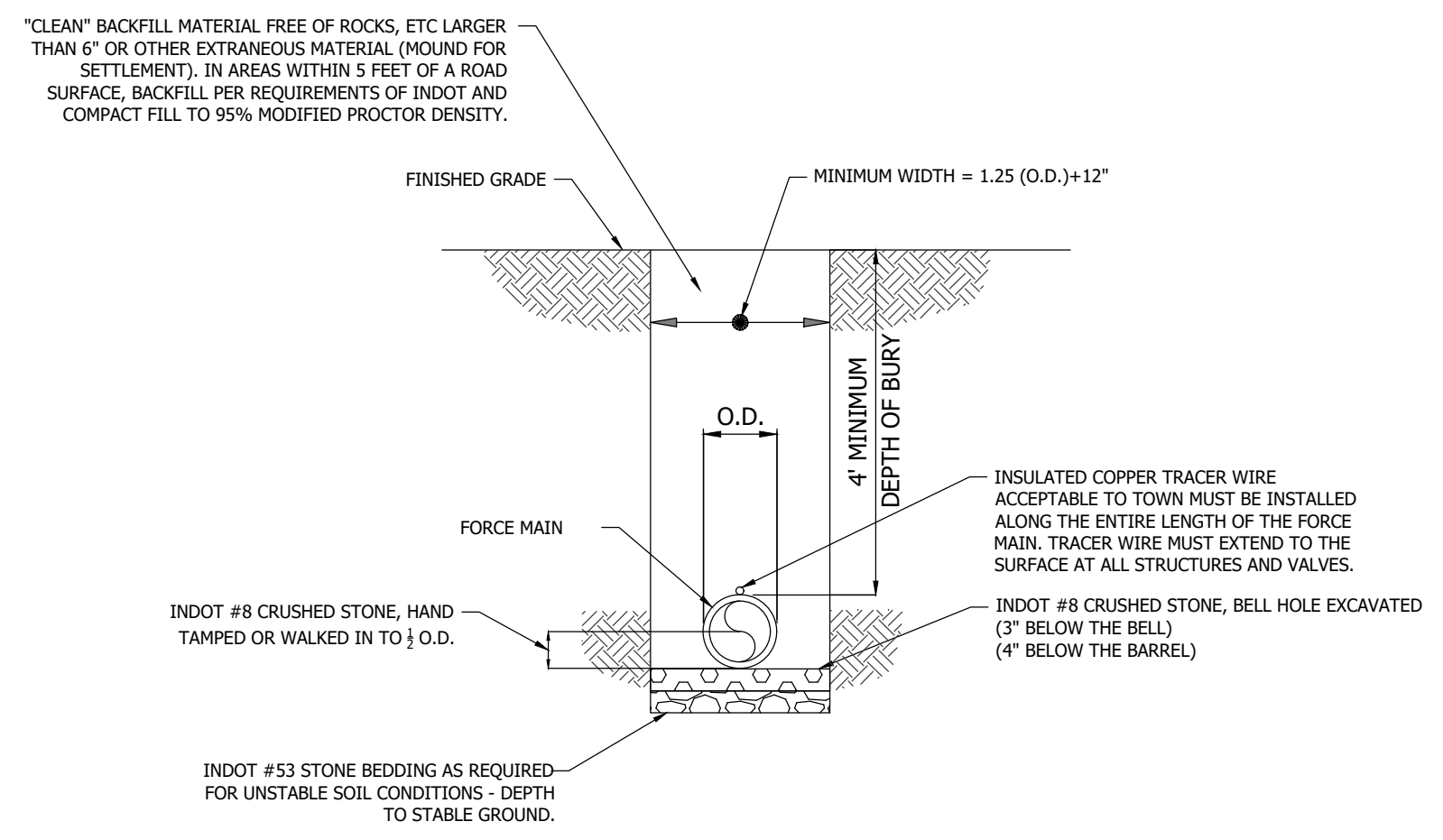
CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM
WHEATLAND, IN 47597



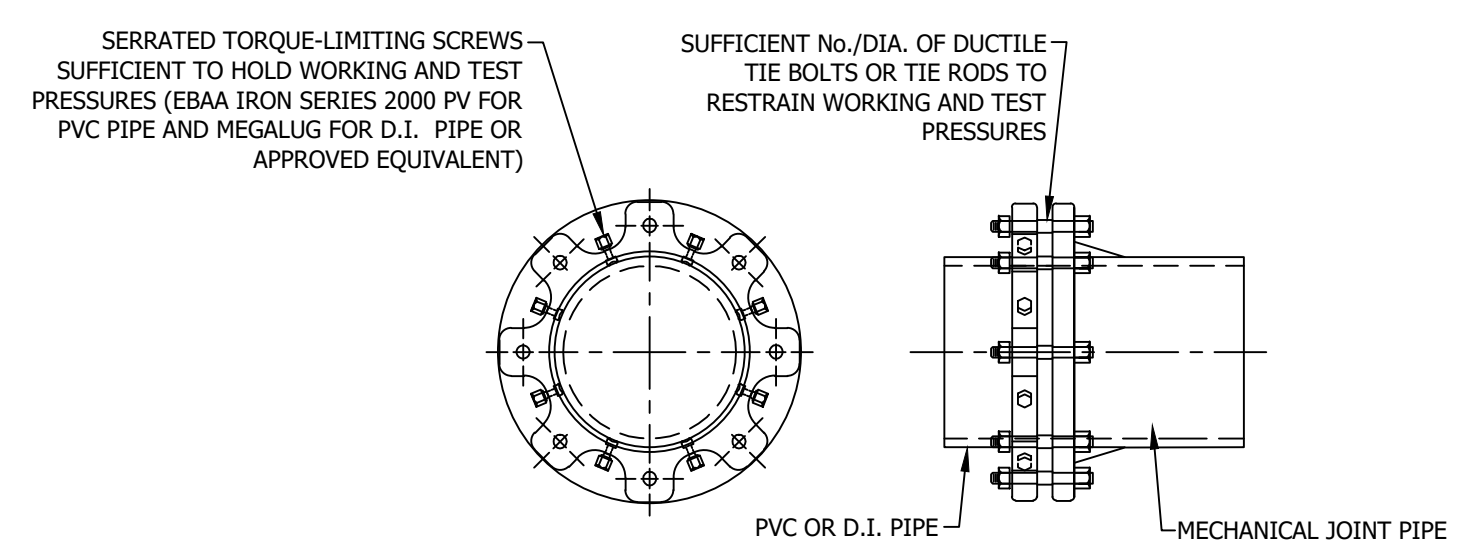
CASING PIPE AT SR550 ROAD CROSSINGS

- NOTES:
- CASING SPACERS AND END SEALS SHALL BE MANUFACTURED BY ADVANCED PRODUCTS AND SYSTEMS, INC. P.O. BOX 53096 LAFAYETTE, IN 70505-3096 OR EQUAL AND MEET THESE REQUIREMENTS.
 - CONTRACTOR IS ALLOWED TO USE WOOD BLOCKING INSTEAD OF SPACERS, PROVIDED THAT THEY ARE Banded TO THE PIPE AT 120DEG APART AND 7 FEET ON CENTER.
 - CASING SPACERS - MODEL SSI. WITH T-304 STAINLESS STEEL SPACER. BAND - 14 GAUGE, T-304 STN. STL. AND RISER 14 (MIN) GAUGE T-304 STN. STL.
 - RUNNERS- ONE INCH WIDE MINIMUM AND UHMW POLYMER PLASTIC OR GLASS FILLED PLASTIC. THE NUMBER OF RISERS SHALL BE AS RECOMMENDED BY THE MANUFACTURER, BUT (4) FOUR IS THE MINIMUM.
 - STUDS, NUTS AND WASHERS - T304 STN. STL.
 - HEIGHTS- AS REQUIRED FOR CENTER RESTRAINING.
 - CONCRETE PLUG, DOUBLE BRICK AND MORTAR OR PROPRIETARY PRODUCT (ADVANCED PRODUCTS AND SYSTEMS) TO SEAL ENDS OF CASING.

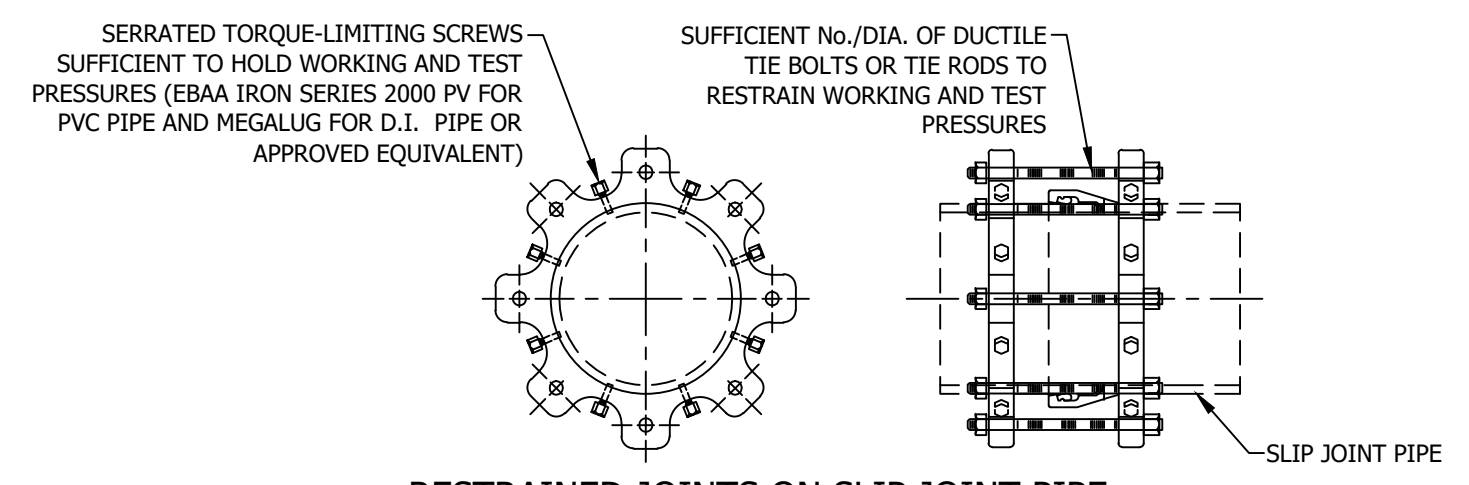
1 CASING DETAIL - SR550
NOT TO SCALE



4 FORCEMAIN OPEN-CUT TRENCH DETAIL
NOT TO SCALE



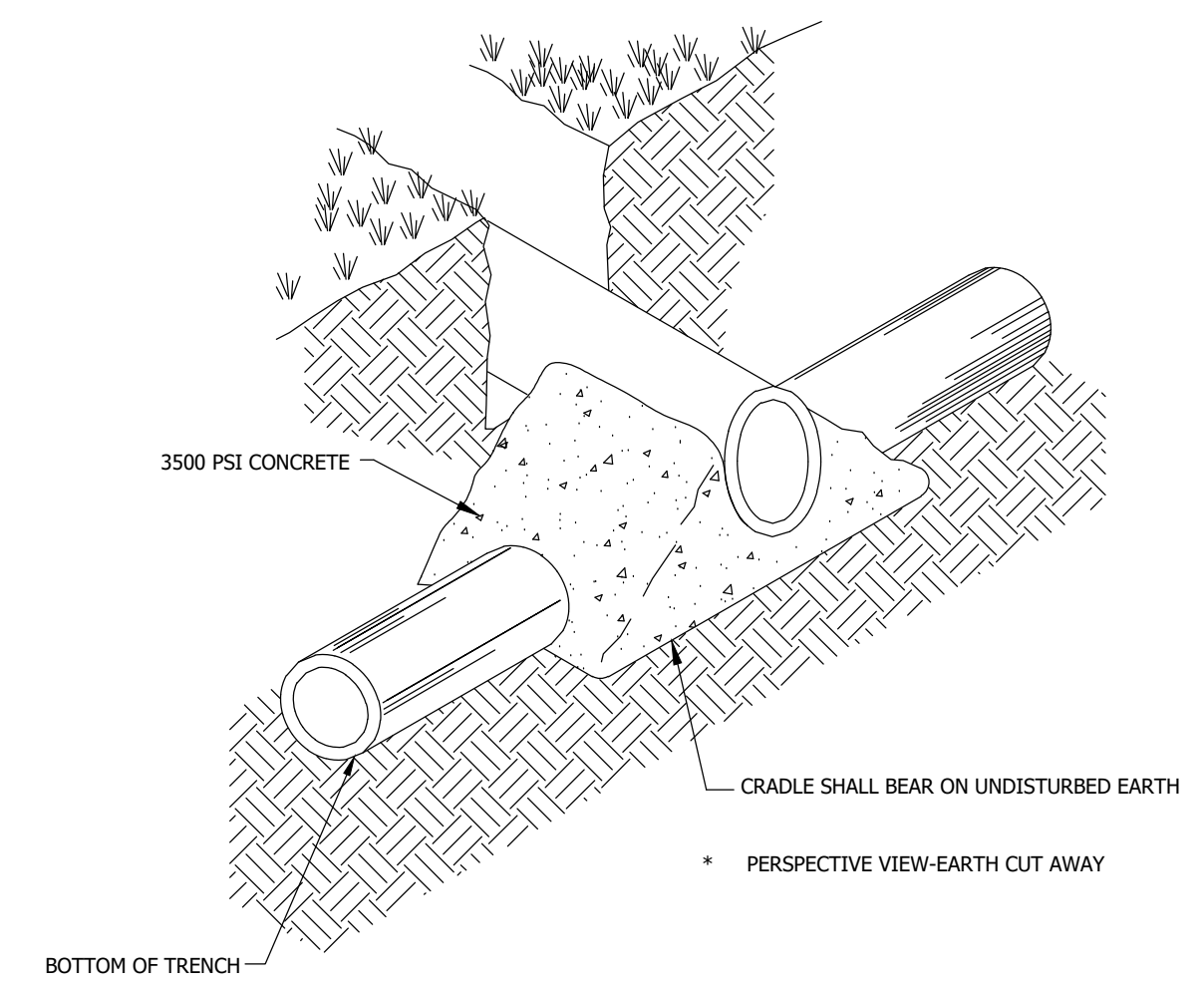
RESTRAINED JOINTS ON MECHANICAL JOINT PIPE & FITTINGS



RESTRAINED JOINTS ON SLIP JOINT PIPE
(USING GRIPPING TYPE RETAINERS)

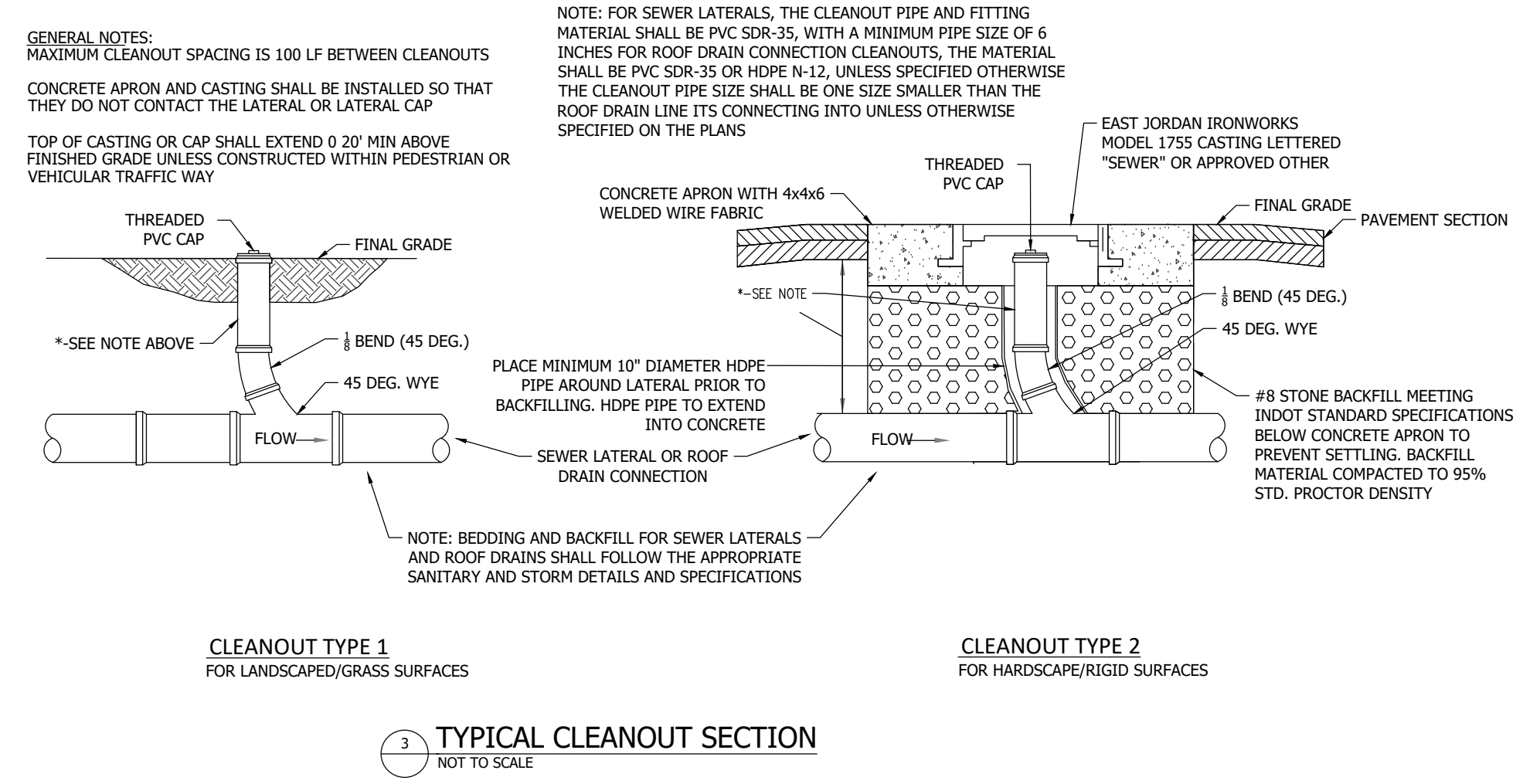
MINIMUM FOOTAGE OF RESTRAINED PIPE FOR VARIOUS DIAMETERS & DEGREES PVC PIPE							
COVER	DEGREE OF ELBOW				DEAD END	BRANCH OF TEE OR WYE	REDUCER (LARGE SIDE ONLY)
	11 1/2°	22 1/2°	45°	90°			
DIA. MAIN	4'	4'	4'	4'	4'	4'	4'
1.25"	1'	1'	1'	3'	6'	6'	N/A
2"	1'	1'	2'	3'	8'	8'	5'
3"	1'	1'	2'	5'	12'	12'	10'
4"	1'	2'	3'	6'	16'	16'	13'

2 RESTRAINING JOINT SCHEDULE - M.J. & S.J.
NOT TO SCALE

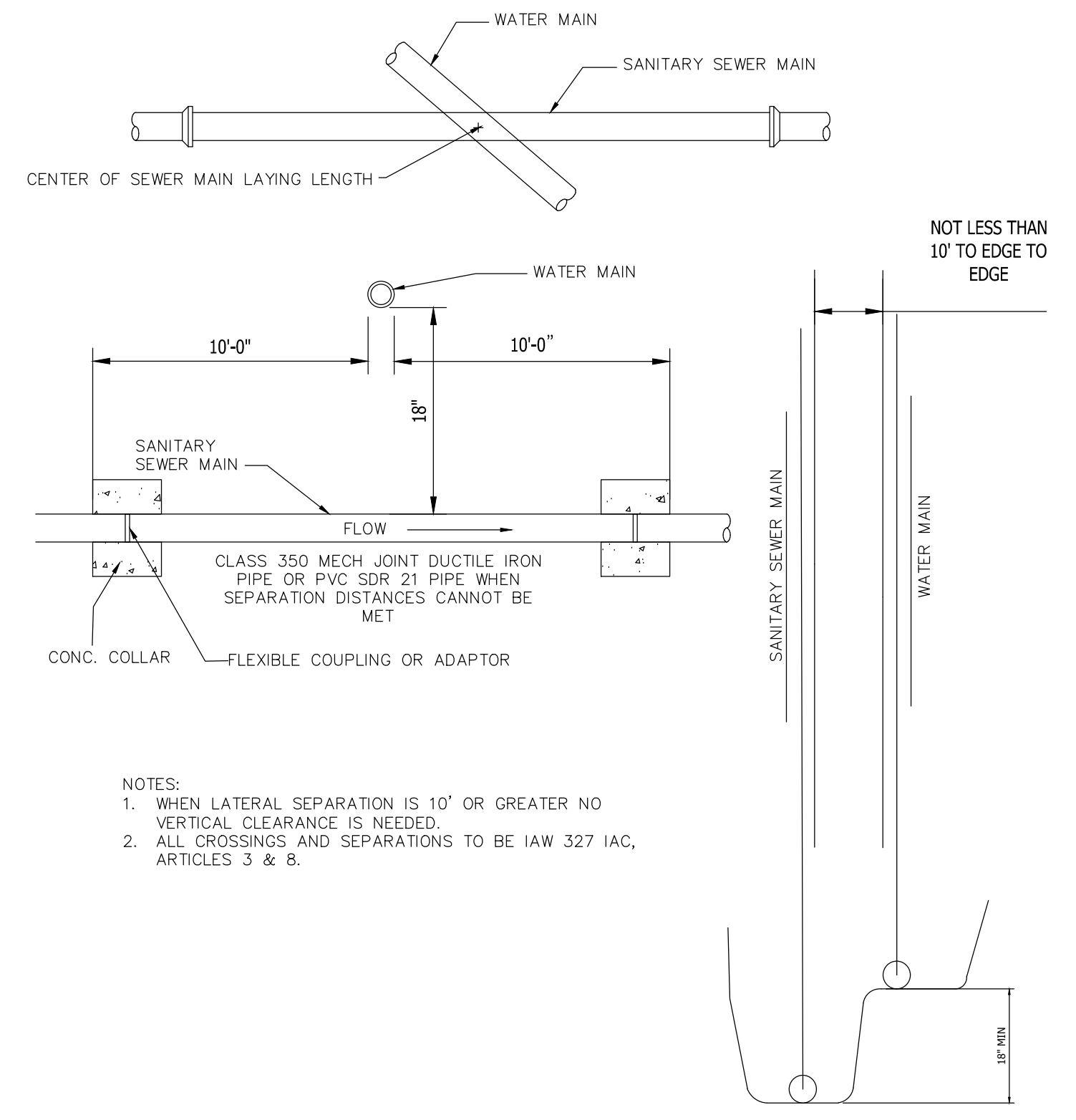


- NOTES:
- TO BE USED WHEN CLEAR DISTANCE (FROM EXTERIOR PIPE DIAMETER TO EXTERIOR PIPE DIAMETER) BETWEEN SANITARY SEWER PIPING (MAINS, LATERALS, FORCE MAINS, ETC.) AND ALL OTHER PIPES IS 18" OR LESS, PER ENGINEER'S DIRECTION, OR WHERE NOTED ON THE CONSTRUCTION PLANS. A MINIMUM CLEAR DISTANCE OF 3" MUST BE PROVIDED TO MAINTAIN STRUCTURAL INTEGRITY OF THE CONCRETE.

5 PIPE CRADLE DETAIL
NOT TO SCALE



3 TYPICAL CLEANOUT SECTION
NOT TO SCALE



6 MINIMUM VERTICAL CROSSING AND SEPARATION REQUIRED FOR WATER MAIN AND SEWER MAINS
NOT TO SCALE

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

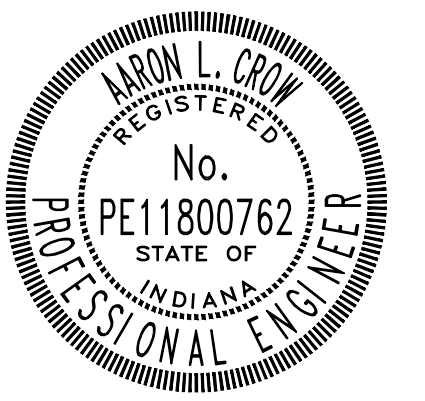
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

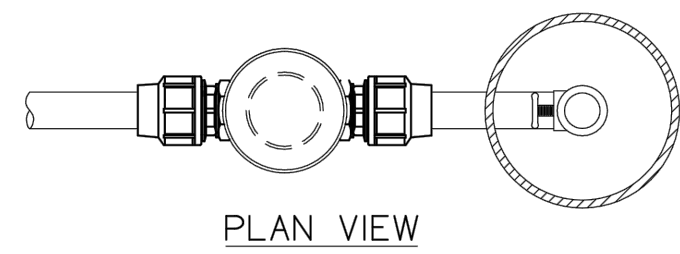
Date: 09/27/2023



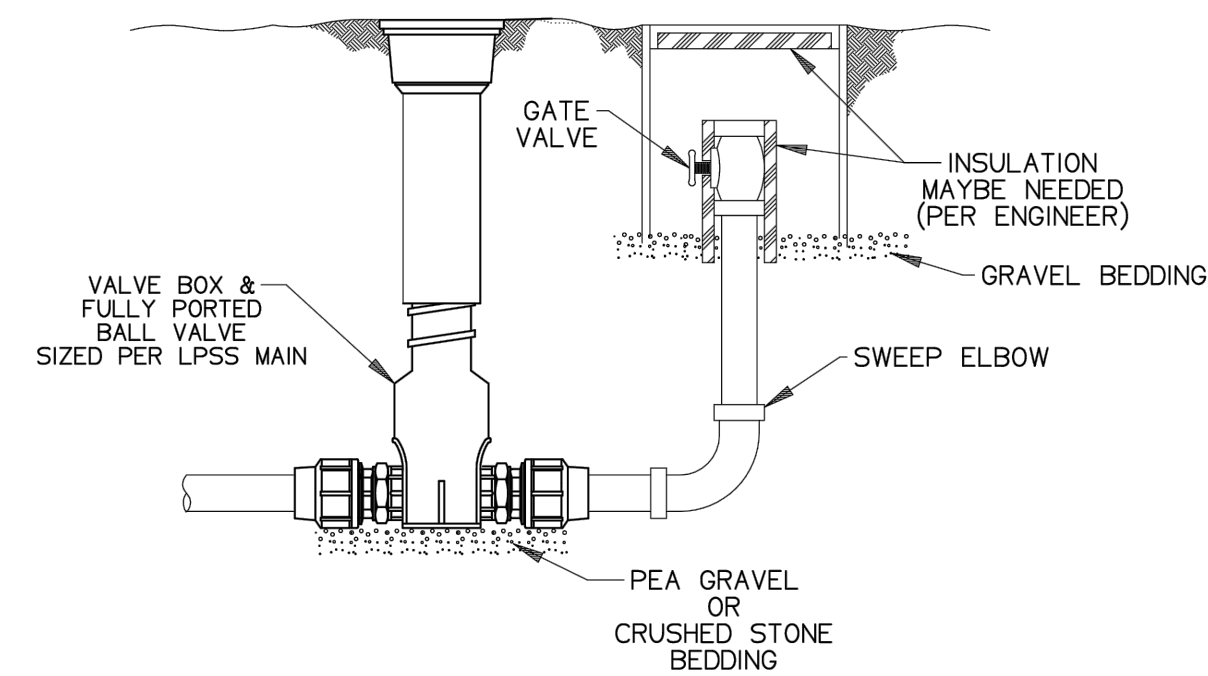
Aaron Crow

STANDARD DETAILS

C501



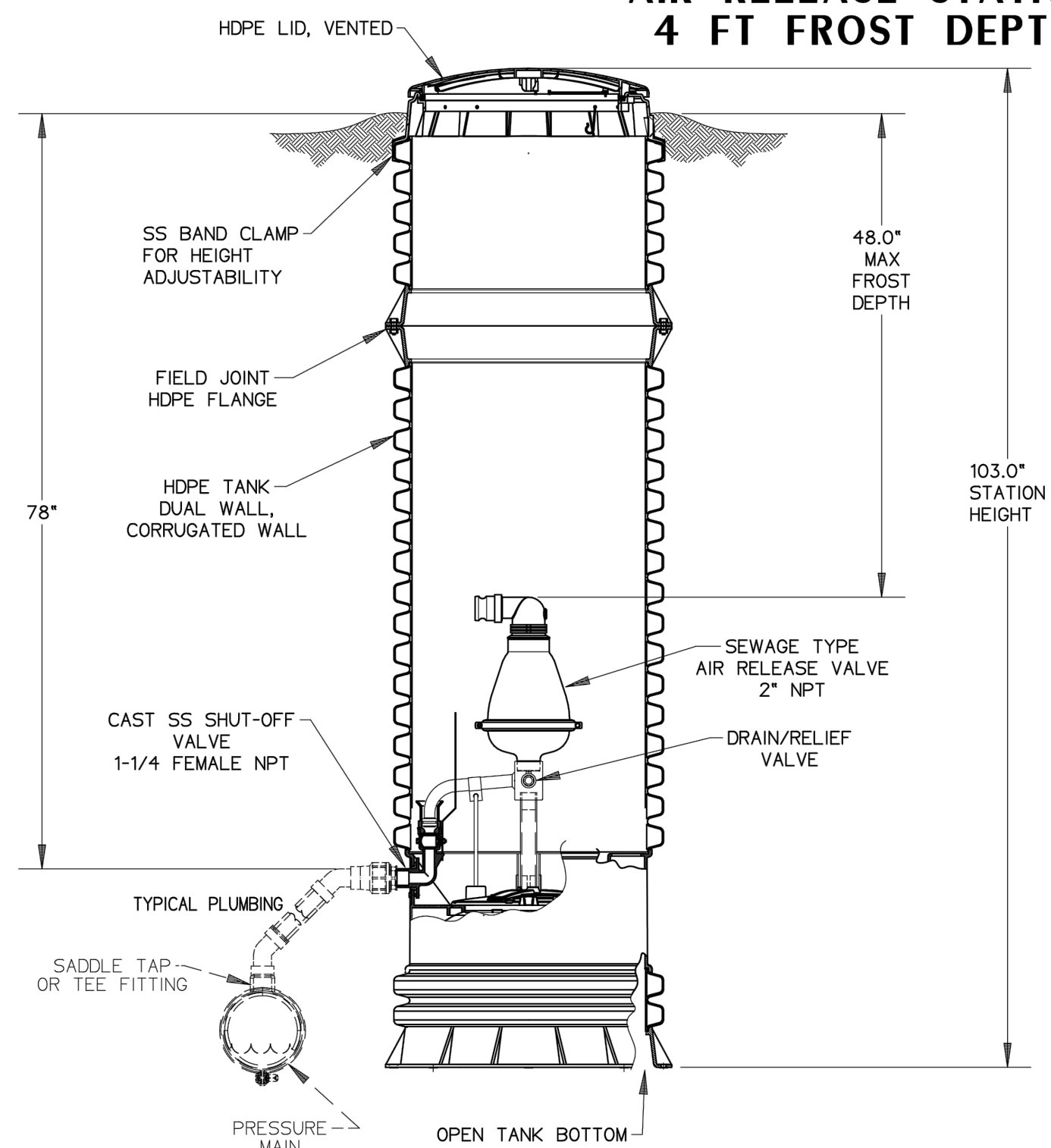
PLAN VIEW



TYPICAL TERMINAL FLUSHING CONNECTION

SGS		05-13-10	1	1/32
DR BY	CHK'D	DATE	ISSUE	SCALE
TYPICAL TERMINAL FLUSHING CONNECTION				
ESD 10-0094				

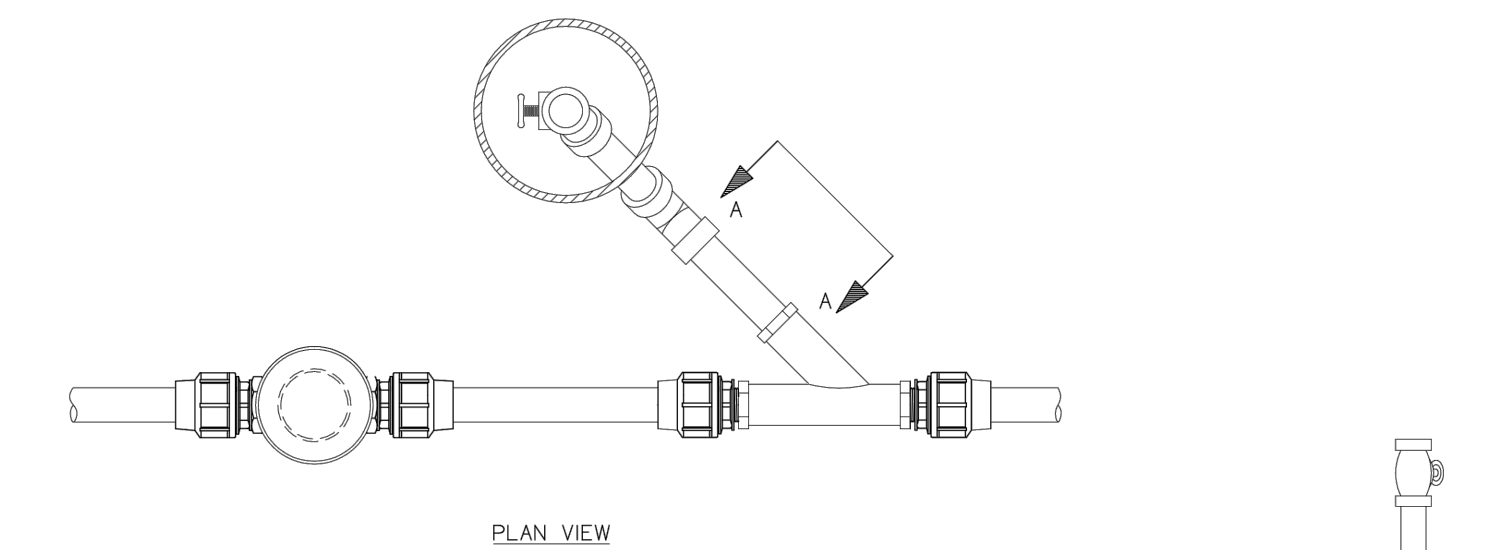
**AIR RELEASE STATION
4 FT FROST DEPTH**



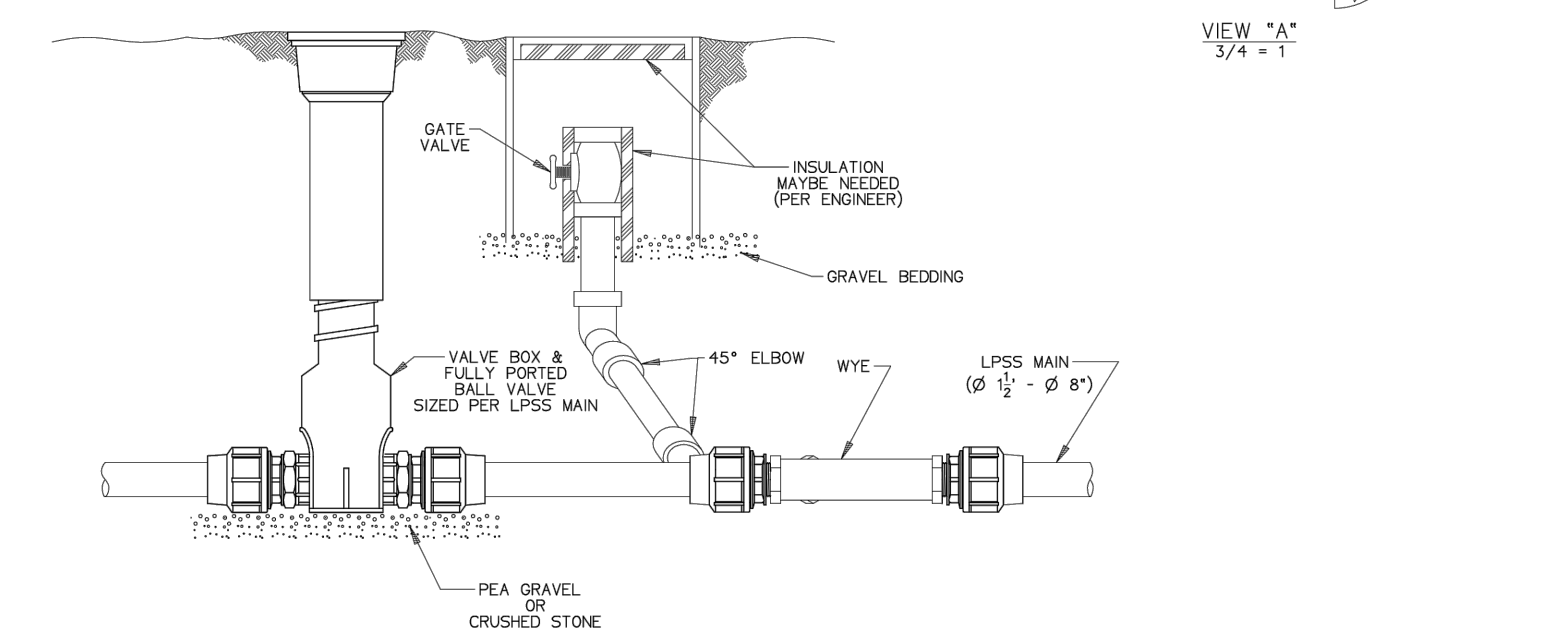
NOTES:
1. ALL ITEMS SHOWN IN DASHED LINES ARE FOR REFERENCE ONLY, AND ARE SUPPLIED BY OTHERS

ORDER NUMBER: NC0078G02

SGS		10/20/10	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE
CUT SHEET, AIR RELEASE STATION FOR 4' FROST DEPTH				
NA0183P02				



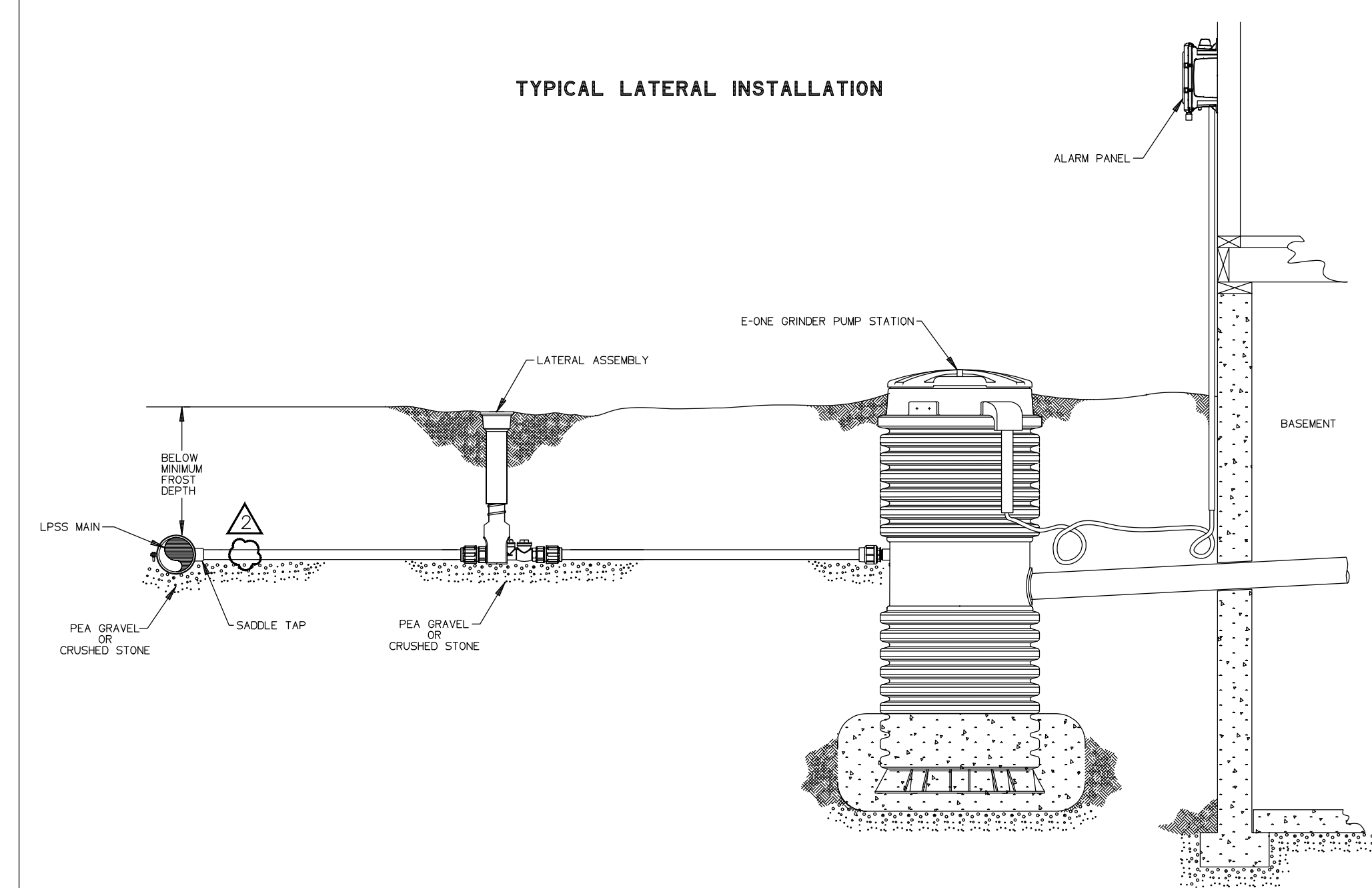
PLAN VIEW



IN-LINE FLUSHING CONNECTION ON LPSS MAIN

LM000113 REV. A

TYPICAL LATERAL INSTALLATION



environment|one CORPORATION

LM000114 REV. A

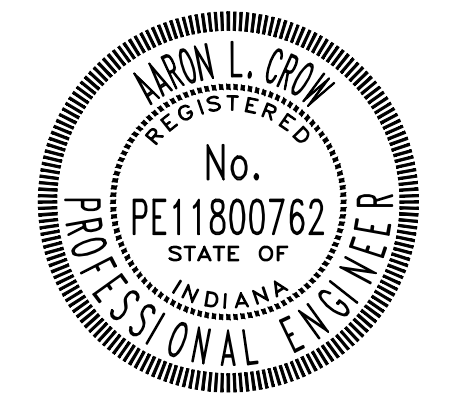
CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1
Designed By: JDP
Drawn By: RLH
Checked By: ALC
Date: 09/27/2023



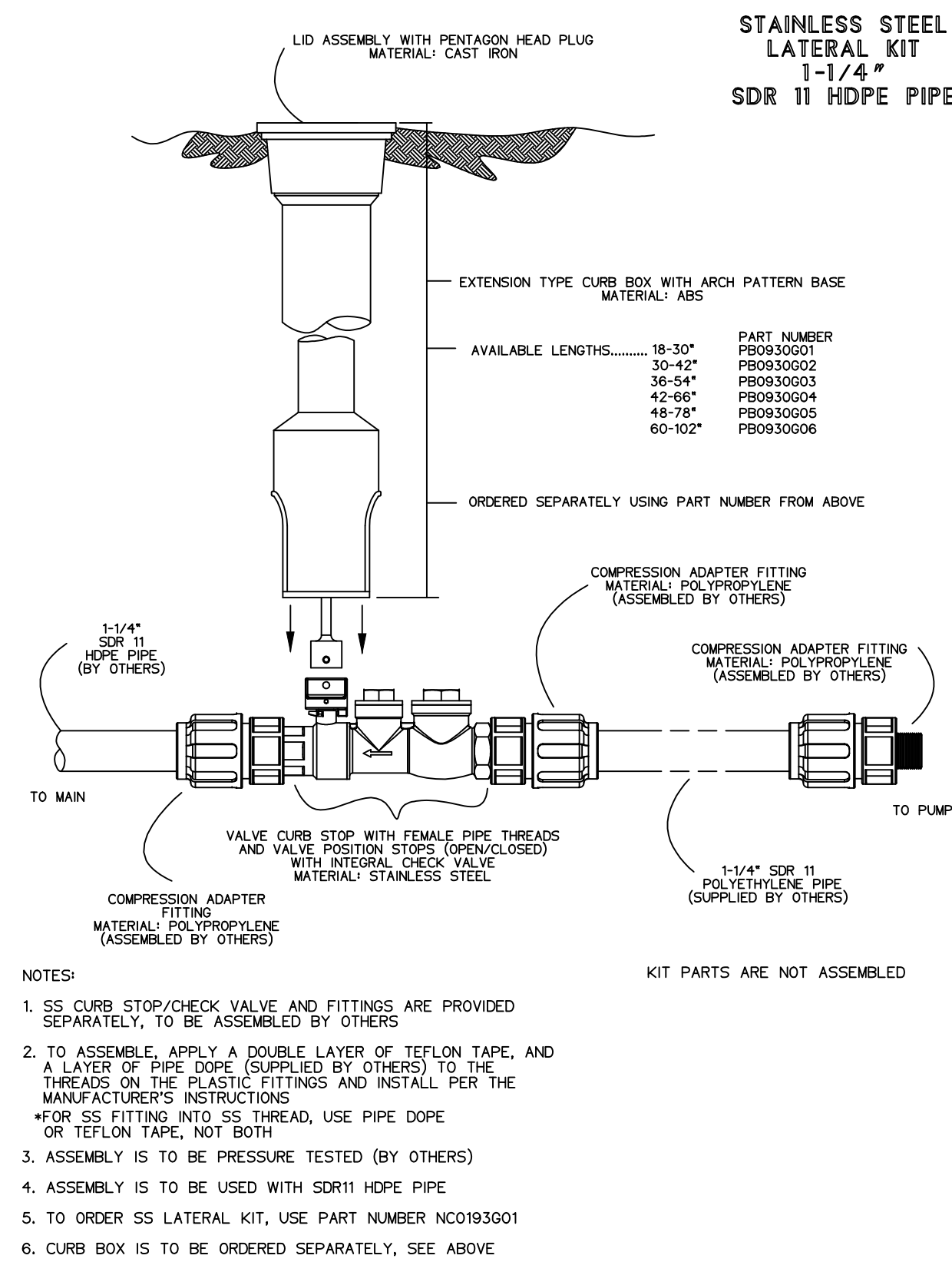
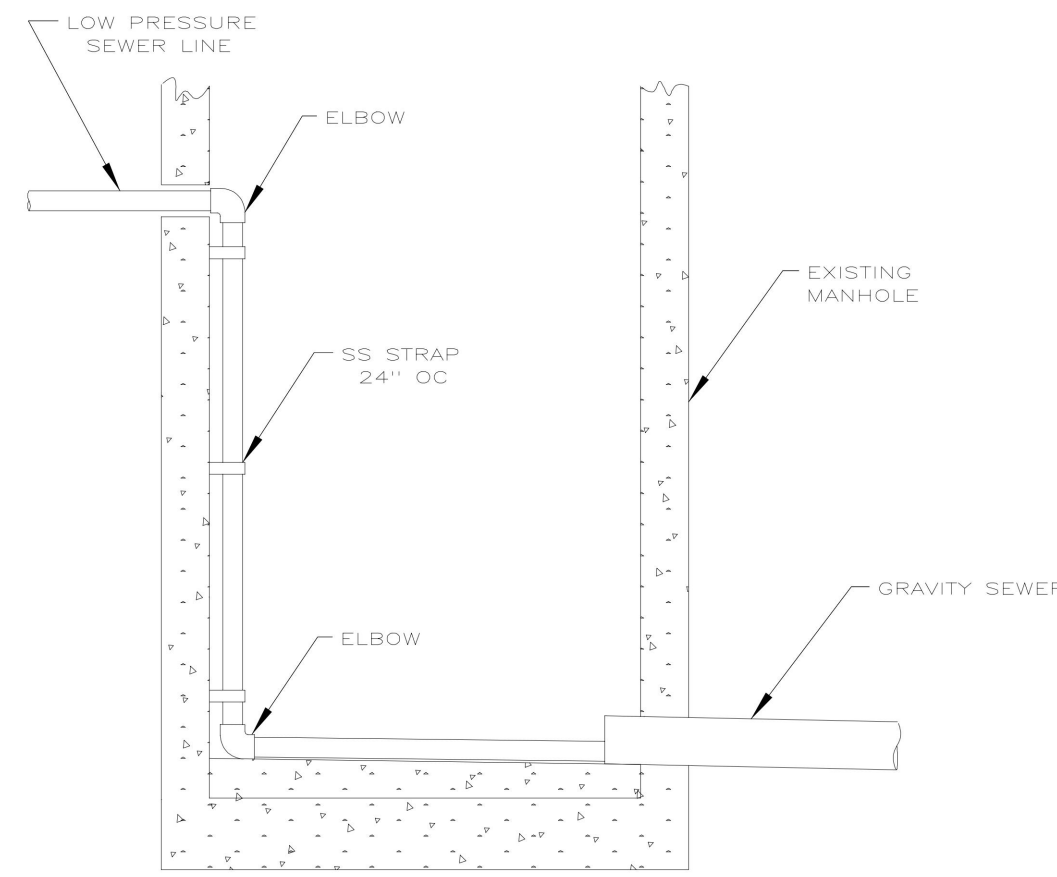
Aaron Crow

STANDARD DETAILS

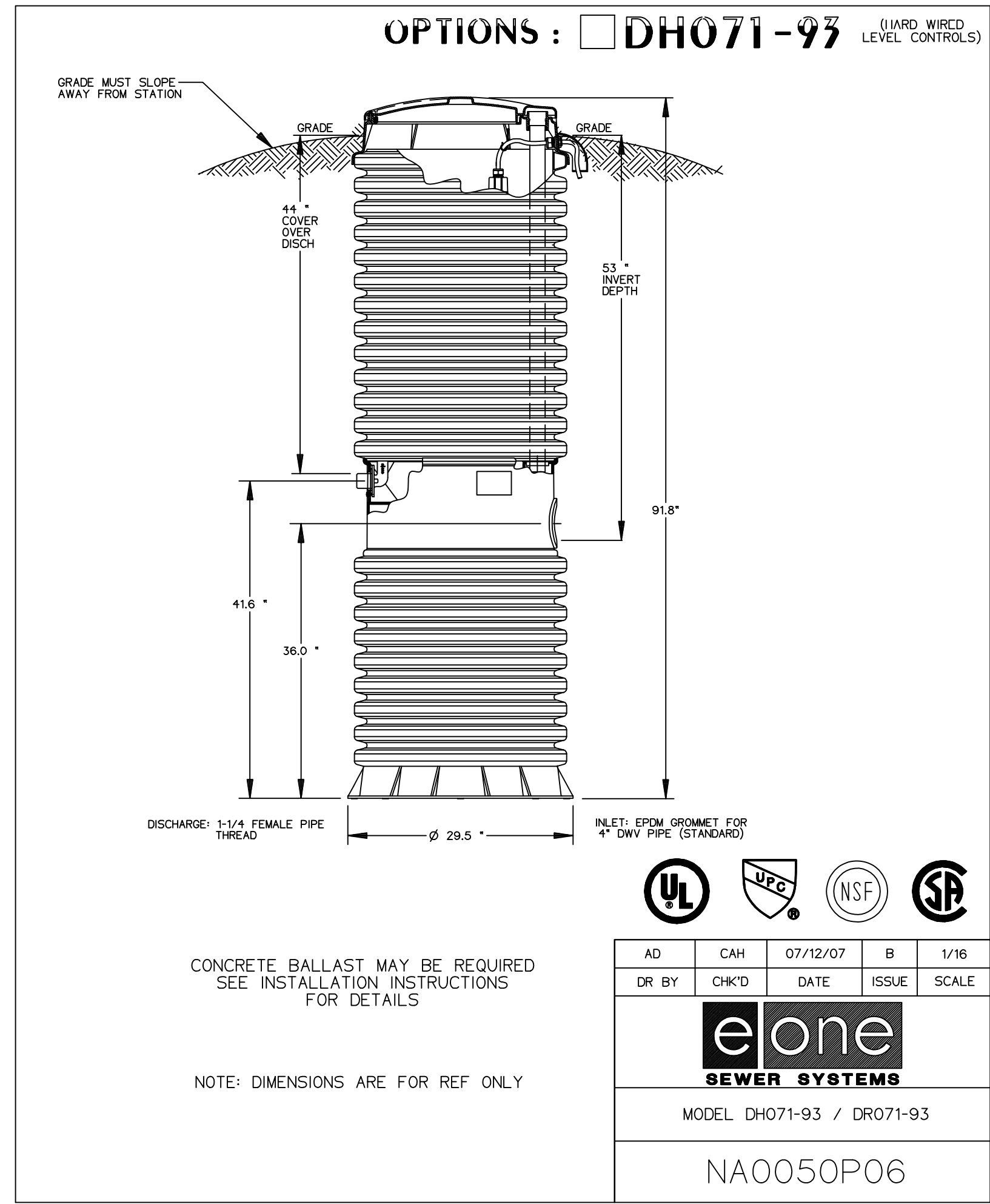
C502

PRINT DATE: 9/27/23 PLOT SCALE: 1:1 EDIT DATE: 9/27/23 12:07 PM EDITED BY: RHJUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGNS\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPSS SEWER SYSTEMS\C500 STANDARD DETAILS.DWG

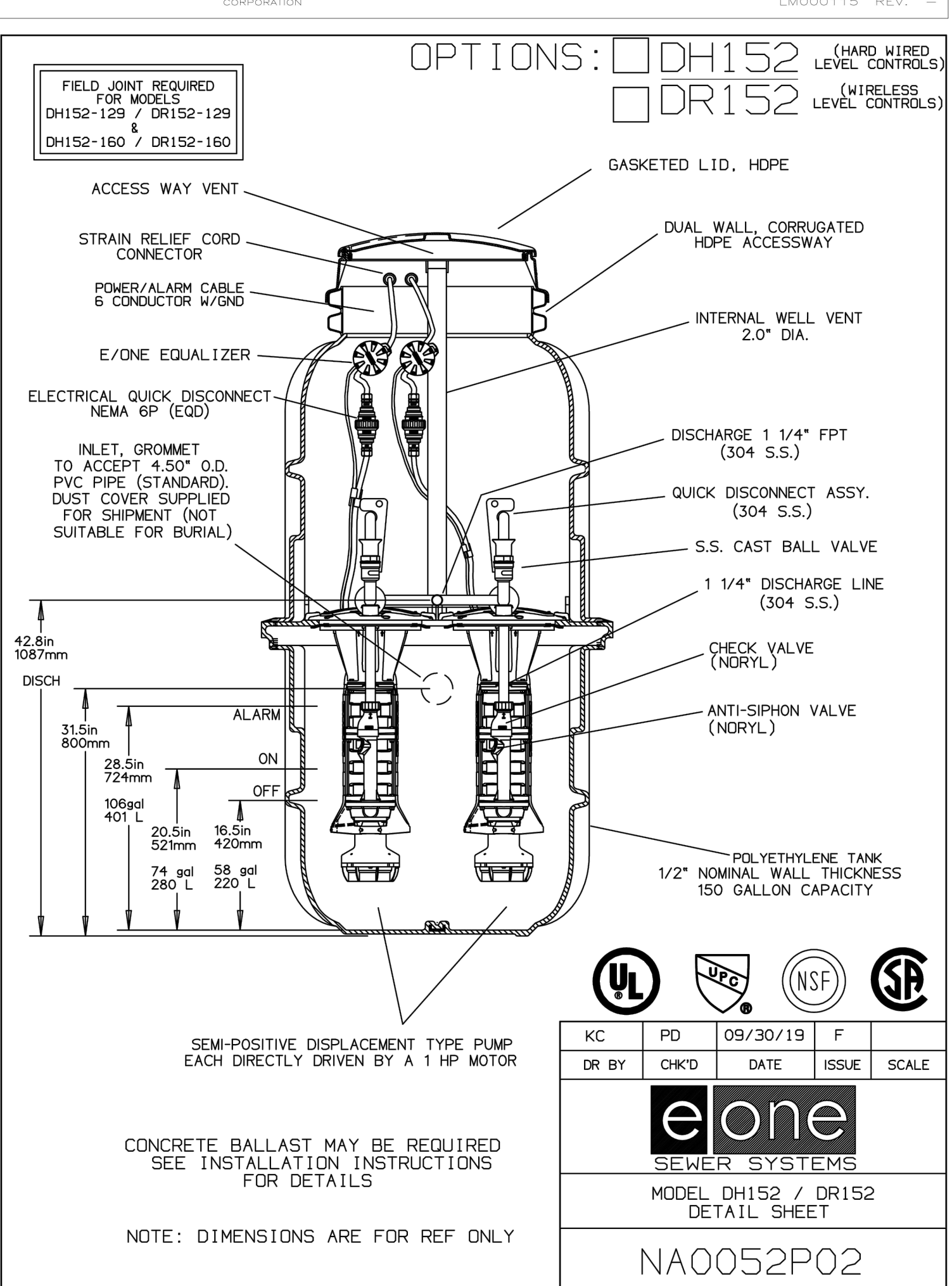
TYPICAL DROP CONNECTION
LPSS IN EXISTING MANHOLE



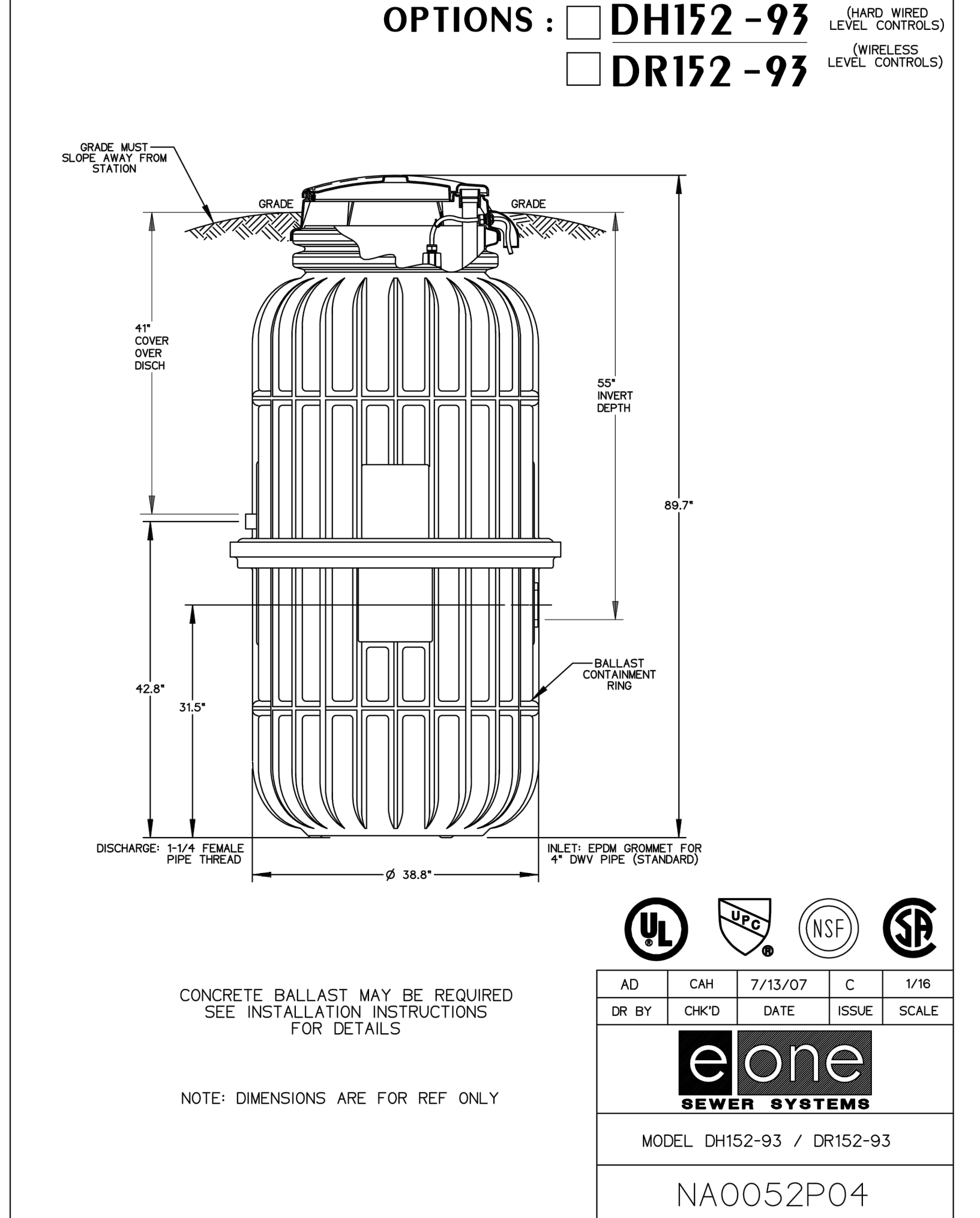
7 STAINLESS STEEL LATERAL KIT (1-1/4" SDR 11 HDPE PIPE)
NOT TO SCALE



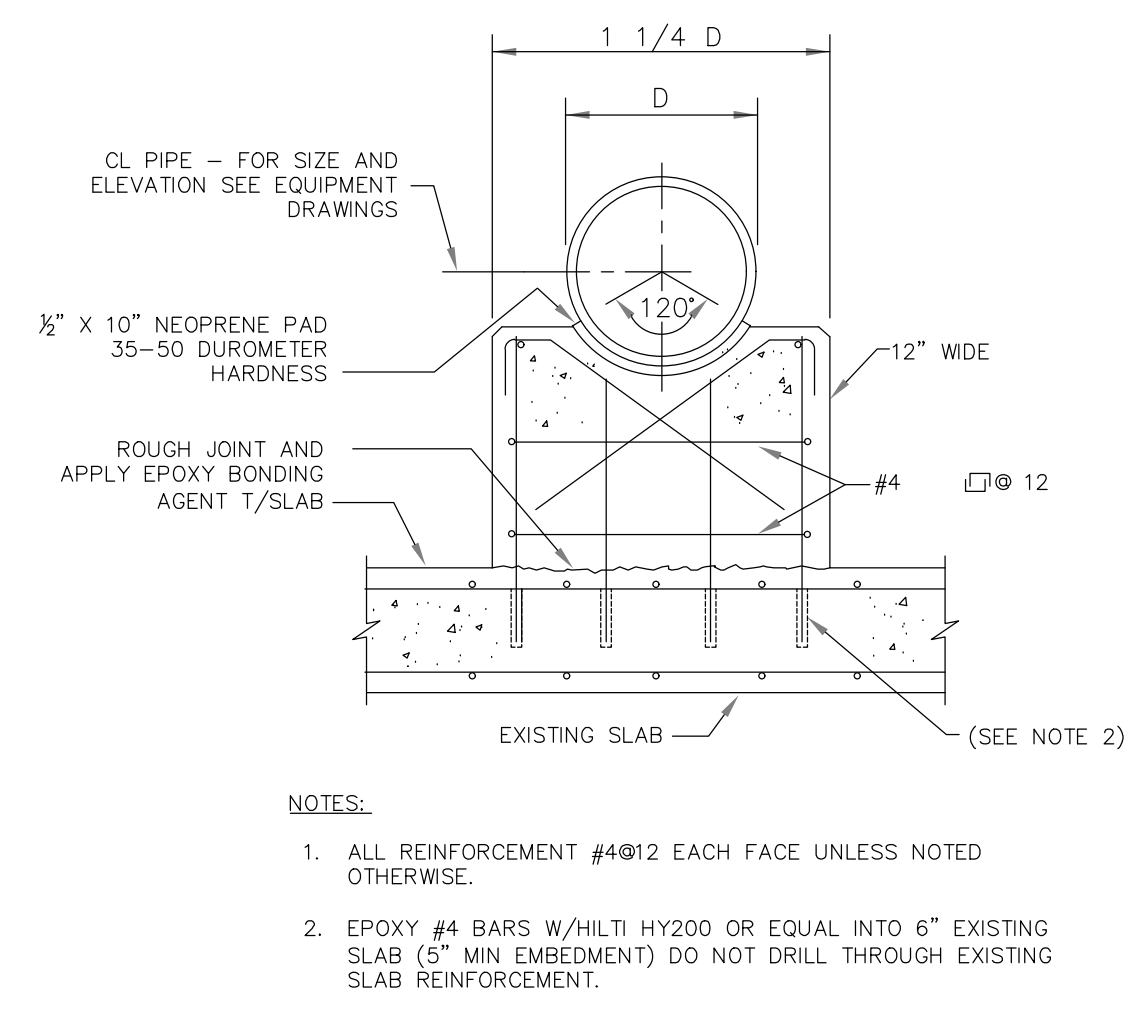
8 MODEL DH071F-93
NOT TO SCALE



9 MODEL DH152 / DR152
DETAIL SHEET
NA0052P02



10 CONCRETE SADDLE DETAIL
NOT TO SCALE



10 CONCRETE SADDLE DETAIL
NOT TO SCALE



CONSTRUCTION PLANS

WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

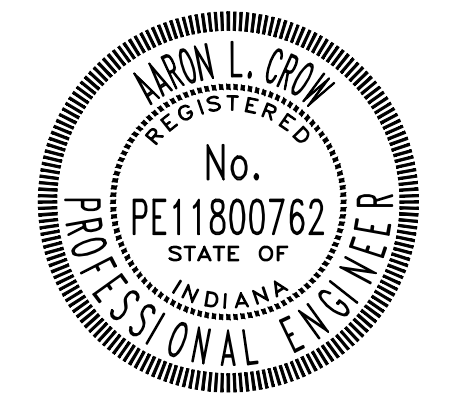
Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



Aron Crow

STANDARD DETAILS

C503

#	Revision	Date
▲	ADDENDUM NO. 1	9/12/23
▲	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

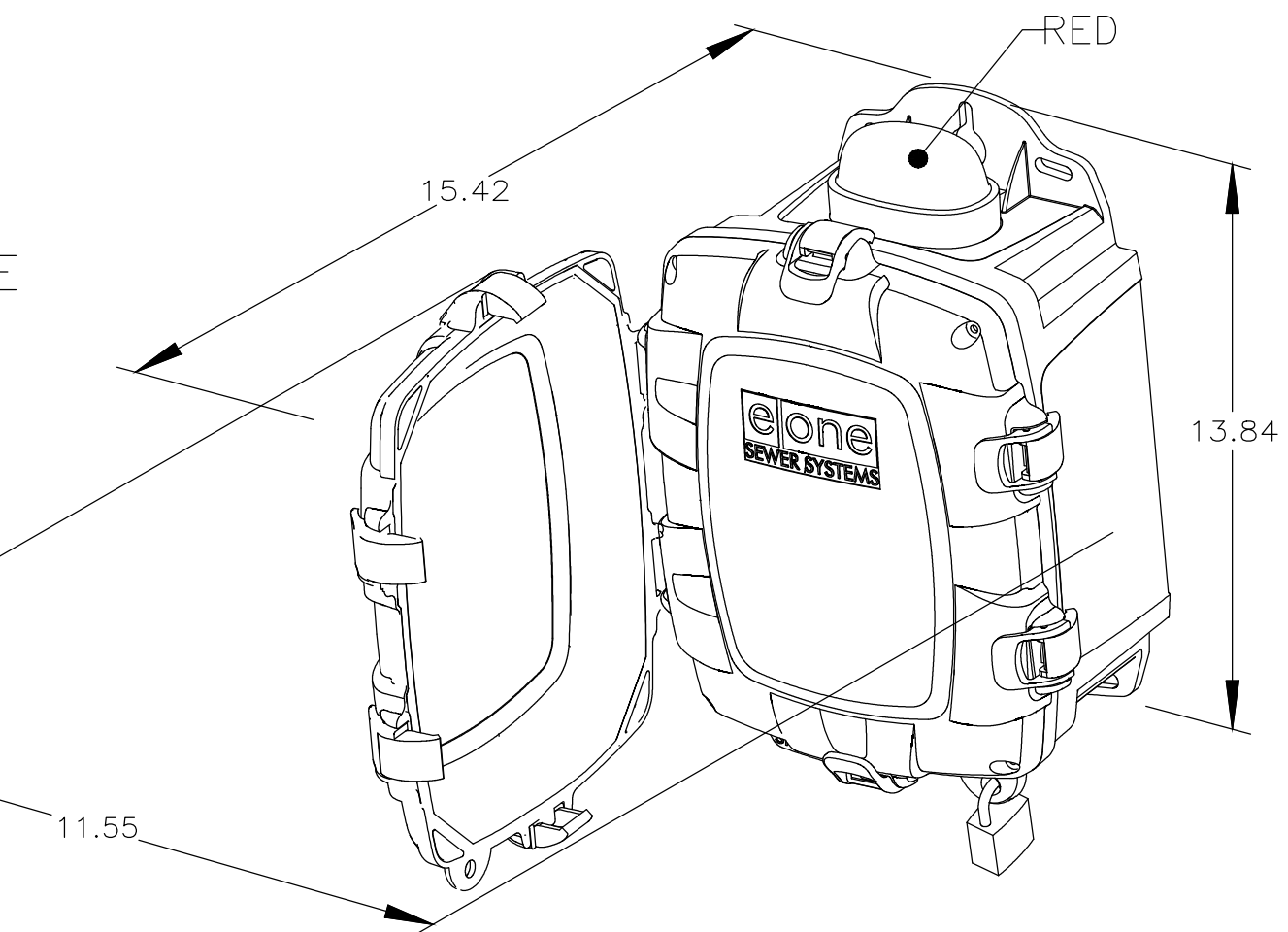
Date: 09/27/2023



Aaron Crow

SIMPLEX SENTRY (BASE BID)

REDUNDANT RUN (HIGH LEVEL)
EXTERNAL VISUAL & AUDIBLE ALARM
EXTERNAL LATCHING MANUAL SILENCE
MANUAL RUN
PUMP RUN INDICATOR
CONFORMAL COATED CIRCUIT BOARD
PADLOCK
NEMA 4X ENCLOSURE ASSEMBLY
CORROSION PROOF THERMOPLASTIC
POLYESTER APPROVED BY UL FOR
ELECTRICAL CONTROL ENCLOSURE



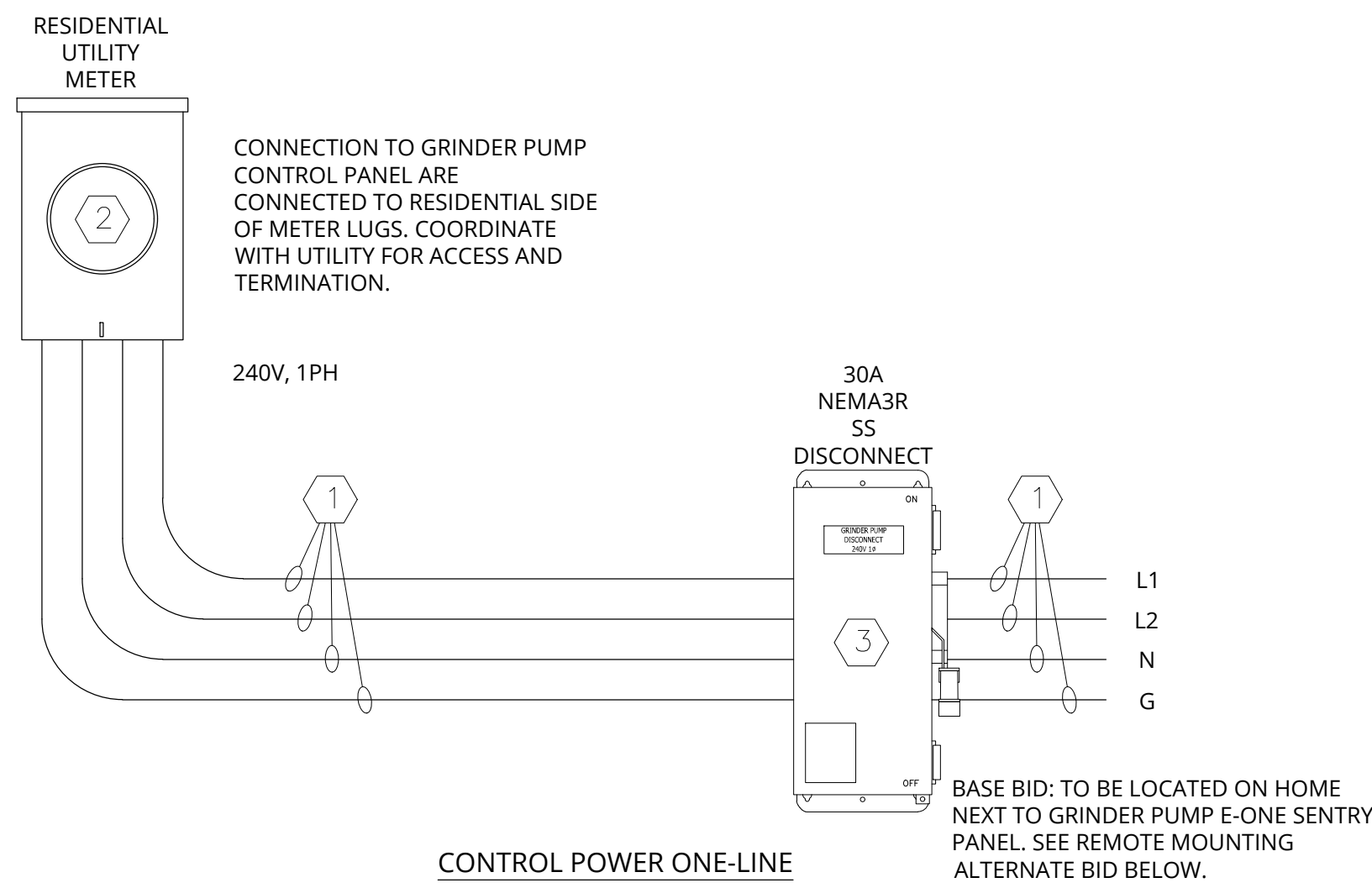
OPTIONS:

- ALARM CONTACTS
- HOUR METER

BASE BID: TO BE LOCATED ON HOME NEXT TO GRINDER PUMP E-ONE SENTRY PANEL. SEE REMOTE MOUNTING ALTERNATE BID BELOW.

- ELECTRICAL KEYED NOTES:**
- ALL WIRE, MINIMUM #10 (RED, BLACK, WHITE AND GREEN) IN 3/4" PVC CONDUIT. FOR BID ALT 3, INCLUDE HDPE CONDUIT FROM METER BASE TO NEW LOCATION OF DISCONNECT/ENTRY PANEL RACK.
 - EXISTING RESIDENTIAL UTILITY METER. DO NOT BREAK TAMPER LOCK WITHOUT UTILITY PRESENT OR APPROVAL.
 - NEW SS 30A DISCONNECT.
 - NEW NEMA4X E-ONE SENTRY SIMPLEX PUMP CONTROLLER WITH ALARM INDICATION.
 - PROVIDE E-ONE SENTRY SIMPLEX PANEL WITH OPTIONAL RELAY CONTACT WHICH WILL BE CONNECTED TO AN ECHO WIRELESS TELEMETRY SYSTEM.

- OPERATIONAL NOTES:**
- THE SENTRY E-ONE CONTROL PANEL IS A PRE-PACKAGED BOX THAT WILL BE MOUNTED ON THE SAME SIDE OF RESIDENTIAL HOME THAT THE GRINDER PUMP STATION WILL BE INSTALLED. THE SENTRY ADVISOR PANEL SHALL BE CONNECTED VIA 240V SINGLE PHASE POWER VIA THE RESIDENCE UTILITY METER BOX. THE SENTRY CONTROL PANEL/GRINDER SHALL BE PROTECTED BY A 30A FUSED DISCONNECT. PRIOR TO UTILITY METER CONNECTION, COORDINATE WITH LOCAL UTILITY AND HOME OWNER. UTILITY REPRESENTATIVE WILL NEED TO BE PRESENT TO REMOVE PRIVACY LOCK AND REMOVE THE METER FROM BASE TO DISCONNECT POWER FROM HOME PRIOR TO INSTALLING LUGS AND WIRING TO NEW DISCONNECT.
 - BID ALTERNATE: THE SENTRY ADVISOR SIMPLEX PANEL WILL BE EQUIPPED WITH AN INTEGRAL CELL MODEM AND ANTENNA. THE CELL MODEM SHALL BE CONFIGURED TO WORK WITH SENTRY WEB-BASED MONITORING SYSTEM AND HAVE A FIVE YEAR SERVICE PLAN.



SENTRY ADVISOR

*BID ALTERNATE - ADVISOR PANEL

- REMOTE MONITORING OF:
- HIGH LEVEL ALARM
 - PUMP RUNNING
- WEB INTERFACE PROVIDES:
- RUN TIME HISTORY
 - DAILY, CUMULATIVE, LAST, MIN., MAX., AVG.
 - CYCLE HISTORY
 - DAILY, CUMULATIVE
 - EXTENDED RUN TIME ALERTS
 - CYCLE, DAILY
 - GENERATE PUMP RUN AND/OR ALARM EVENT REPORTS
 - MAP LOCATION OF EACH GRINDER PUMP IN THE SYSTEM WITH STATUS INDICATION
- BACKUP BATTERY FOR POWER LOSS NOTIFICATION
- USES EXISTING BOARD ALARM DRY CONTACTS
- FACTORY INSTALLED, RETROFIT, OR STANDALONE CONFIGURATIONS AVAILABLE

OPERATING TEMPERATURE RANGE:
-20C TO +70C

INPUT VOLTAGE:
85 - 264VAC

MODEM CONTAINS:
2 AUXILIARY A-D INPUTS
3 AUXILIARY DIGITAL OUTPUTS

SOLID STATE SIGNAL DETECTOR PCB FOR RUNTIME DRY CONTACTS

EXTRA TERMINAL BLOCKS

CELLULAR MODEM WITH INTEGRATED ANTENNA

OPTIONAL FEATURES (REQUIRES PROTECT PLUS)

- BROWNOUT AND OVER-VOLTAGE ALERTS
- RUN DRY AND OVER-PRESSURE ALERTS
- VOLTS, AMPS, WATTS HISTORICAL INFORMATION
- VOLTS, AMPS, WATTS RELATED ALERTS
- DETAILED SYSTEM STATUS
- VISIBILITY OF SYSTEM SETTINGS
- VISIBILITY AND SETTING OF USER DEFINED OPTIONS
- BOARD-LEVEL FAULT INDICATIONS (DIP SWITCH, WATT METER, ALARM CIRCUIT PROTECTION)
- SEAL LEAK DETECT NOTIFICATION (WIRELESS PUMPS ONLY)

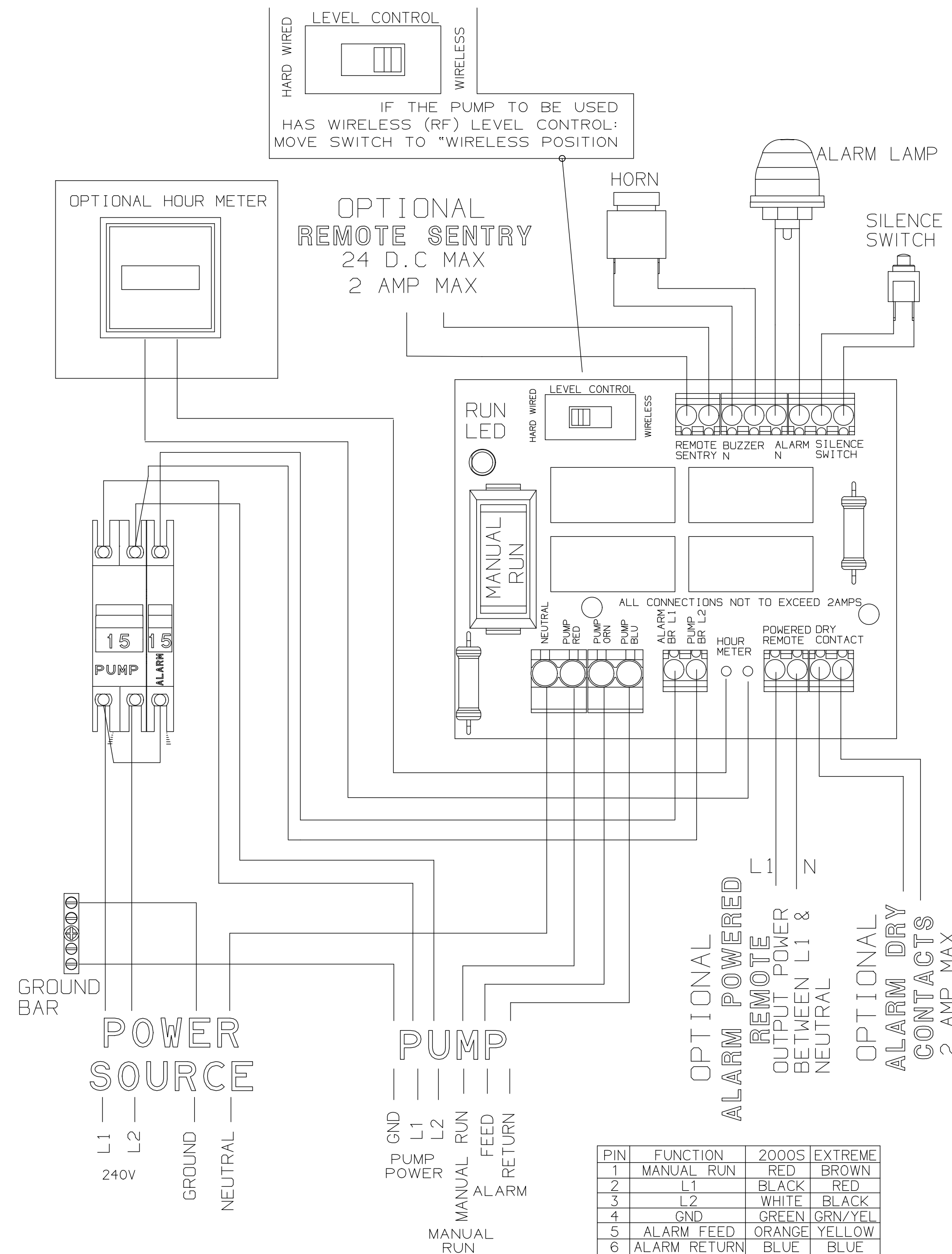
TYPICAL PROTECT/PROTECT PLUS PANEL IN SENTRY ENCLOSURE, SHOWN FOR REF. ENCLOSURE DOOR AND DEADFRONT NOT SHOWN

BF	11/07/2013	CTT	A	10/14/2016
DR BY	DATE	CHK'D	ISSUE	DATE

e one
ENVIRONMENT ONE CORPORATION

CUT SHEET, ADVISOR, SIM PROT / +
240V, 2P

NA0440P03

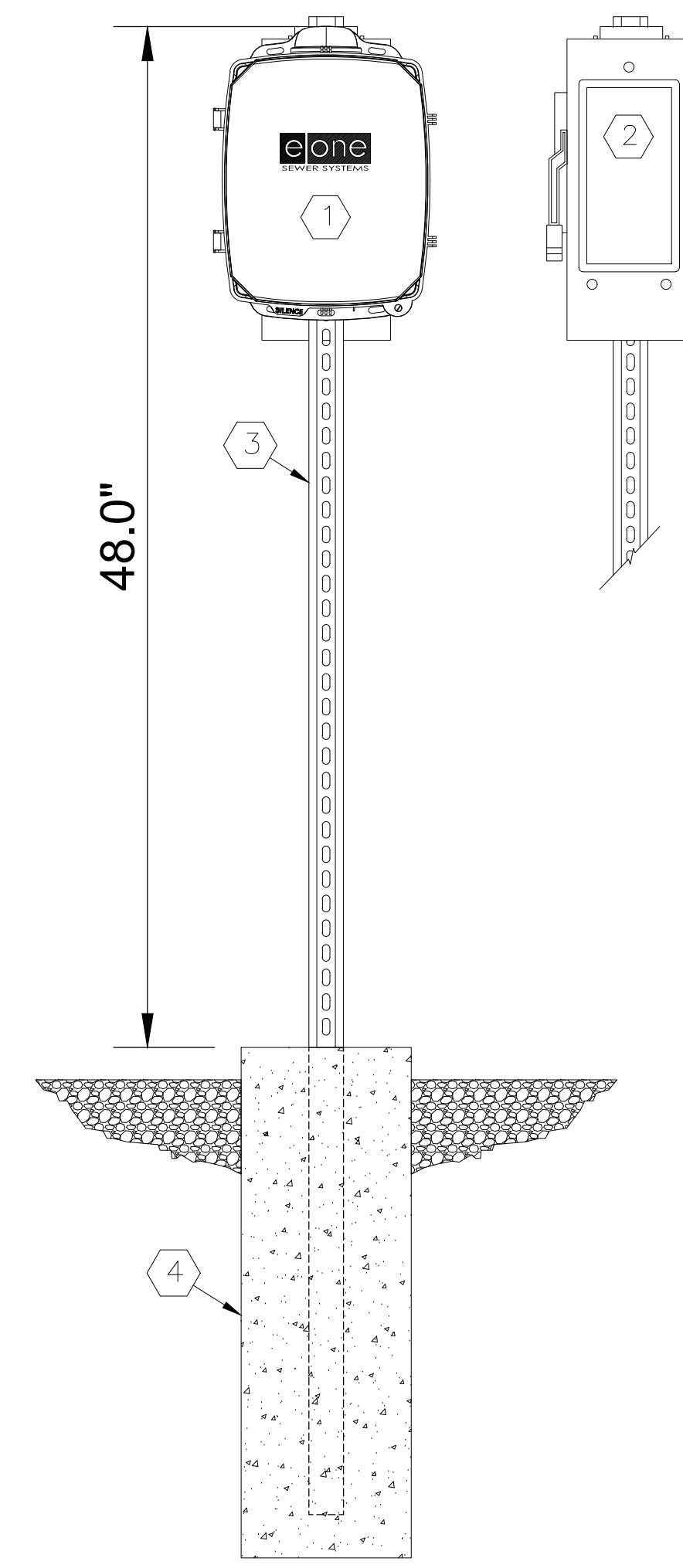


PIN	FUNCTION	2000S	EXTREME
1	MANUAL RUN	RED	BROWN
2	L1	BLACK	RED
3	L2	WHITE	BLACK
4	GND	GREEN	GRN/YEL
5	ALARM FEED	ORANGE	YELLOW
6	ALARM RETURN	BLUE	BLUE

BASIC SENTRY WIRING DIAGRAM

BID ALT 3 - REMOTE MOUNTING DETAIL
THIS ALTERNATE IS A PROVISION PER SITE COST. REMOTE MOUNTING IS SECONDARY OPTION TO MOUNTING ON HOME. REMOTE MOUNTING WILL PER HOME OWNER REQUEST OR IF GRINDER STATION IS A LONG DISTANCE FROM HOME OR NOT LINE OF SITE.

- REMOTE MONITORING KEYED NOTES:**
- SENTRY E-ONE SIMPLEX OR DUPLEX CONTROL PANEL (ADVISORY PANEL IF ALTERNATE ACCEPTED).
 - SIMPLEX STATION 30A DISCONNECT OR DUPLEX 60A DISCONNECT.
 - STAINLESS STEEL 1-5/8" UNI-STRUT. TWO STICKS MOUNTED BACK-TO-BACK.
 - CONCRETE BASE: APPROXIMATELY 8" POST HOLE, 24" DEEP.



REMOTE MOUNTING DETAIL

ATTACHMENT #3

CONSTRUCTION PLANS
WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM

WHEATLAND, IN 47597

#	Revision	Date
△	ADDENDUM NO. 1	9/12/23
△	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALC

Date: 09/27/2023



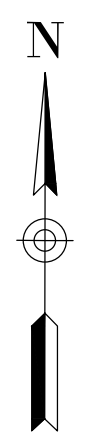
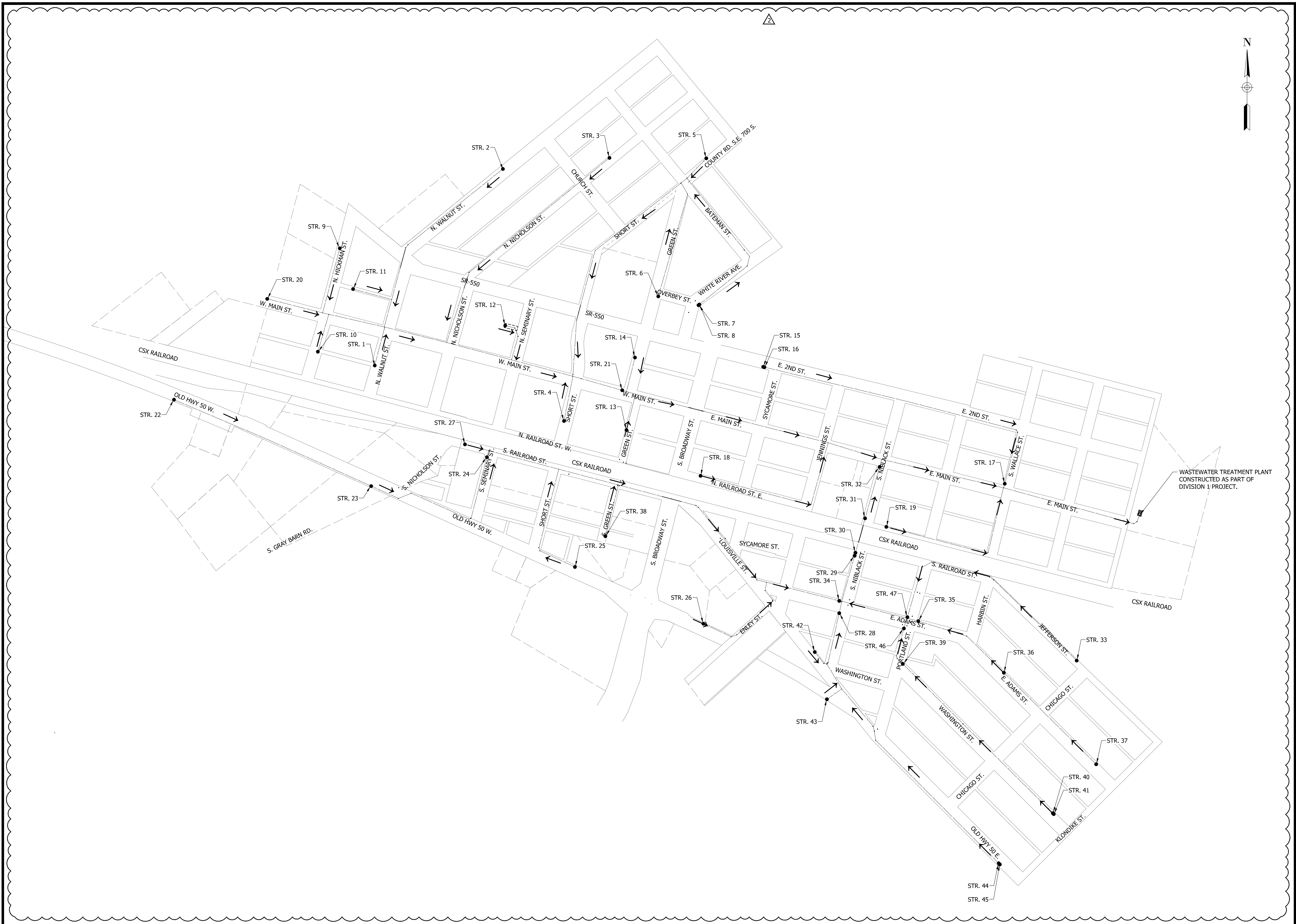
Aaron Crow



OVERALL LPS PLAN

C170

PRINT DATE: 9/27/23 EDIT DATE: 9/27/23 - 12:13 PM EDITED BY: RHUNT DRAWING FILE: P:\21-400-194-1 WHEATLAND WASTEWATER DESIGN\ACAD\PLAN SHEETS & WORKING DRAWINGS\DIVISION II - LPS SEWER SYSTEM\C170 OVERALL LPS SHEET.DWG PLOT SCALE: 1:186.91

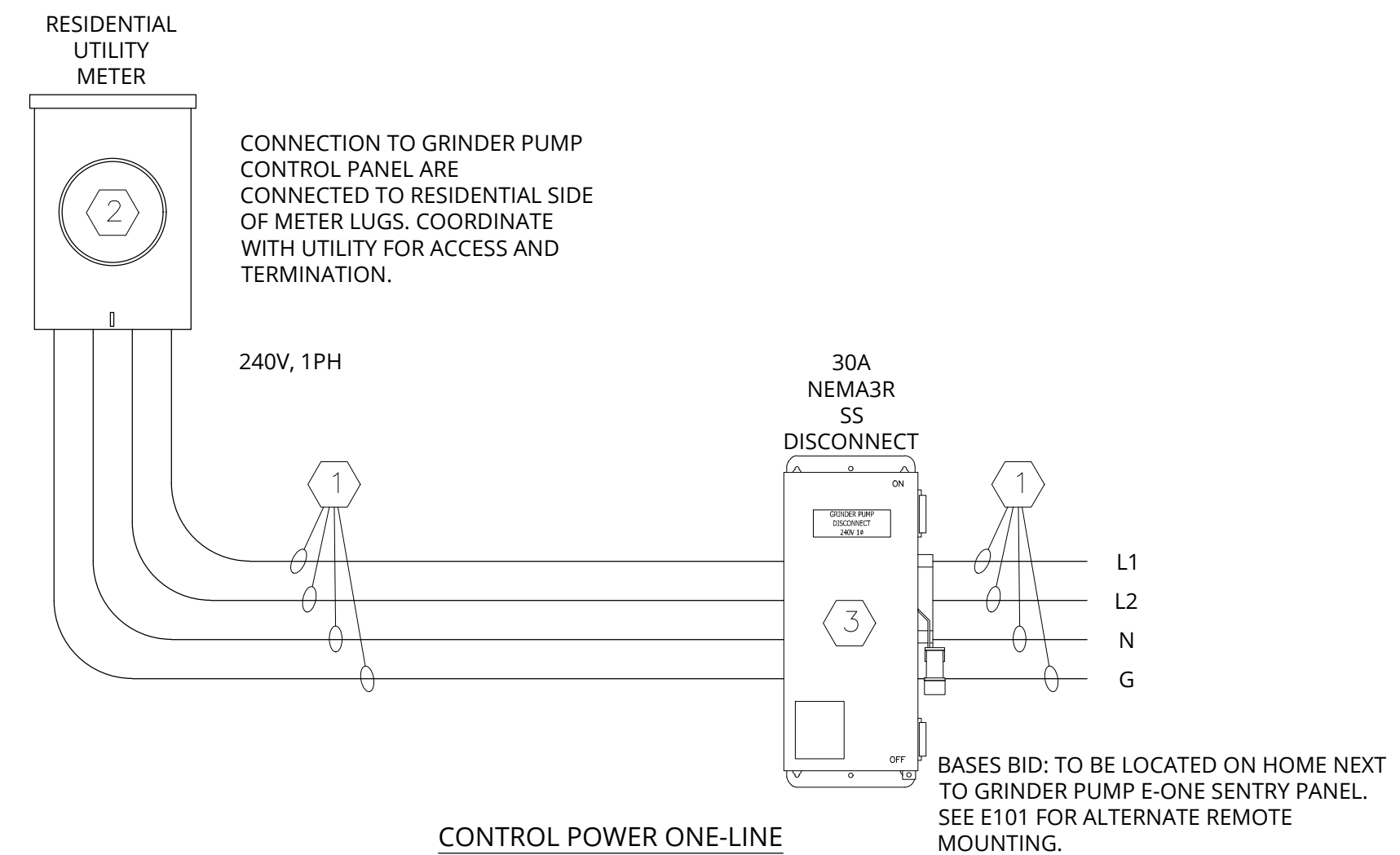


ELECTRICAL KEYED NOTES:

1. ALL WIRE, MINIMUM #8 (RED, BLACK, WHITE AND GREEN) IN 1" PVC CONDUIT. FOR BID ALT 3, INCLUDE HDPE CONDUIT FROM METER BASE TO NEW LOCATION OF DISCONNECT/SENTRY PANEL RACK.
2. EXISTING RESIDENTIAL UTILITY METER. DO NOT BREAK TAMPER LOCK WITHOUT UTILITY PRESENT OR APPROVAL.
3. NEW SS 60A DISCONNECT.
4. NEW NEMA4X E-ONE SENTRY T-260 DUPLEX PUMP CONTROLLER WITH ALARM INDICATION.
5. PROVIDE E-ONE SENTRY DUPLEX PANEL WITH OPTIONAL RELAY CONTACT WHICH WILL BE CONNECTED TO AN ECHO WIRELESS TELEMETRY SYSTEM.

OPERATIONAL NOTES:

- THE SENTRY E-ONE CONTROL PANEL IS A PRE-PACKAGED BOX THAT WILL BE MOUNTED ON THE SAME SIDE OF RESIDENTIAL HOME THAT THE GRINDER PUMP STATION WILL BE INSTALLED. THE SENTRY PANEL SHALL BE CONNECTED VIA 240V SINGLE PHASE POWER VIA THE RESIDENCE UTILITY METER BOX. THE SENTRY CONTROL PANEL/GRINDER SHALL BE PROTECTED BY A 60A (50A FUSE) FUSED DISCONNECT. PRIOR TO UTILITY METER CONNECTION, COORDINATE WITH LOCAL UTILITY AND HOME OWNER. UTILITY REPRESENTATIVE WILL NEED TO BE PRESENT TO REMOVE PRIVACY LOCK AND REMOVE THE METER FROM BASE TO DISCONNECT POWER FROM HOME PRIOR TO INSTALLING LUGS AND WIRING TO NEW DISCONNECT.
- BID ALTERNATE: THE SENTRY ADVISOR DUPLEX PANEL WILL BE EQUIPPED WITH AN INTEGRAL CELL MODEM AND ANTENNA. THE CELL MODEM SHALL BE CONFIGURED TO WORK WITH SENTRY WEB-BASED MONITORING SYSTEM AND HAVE A FIVE YEAR SERVICE PLAN.



CONTROL POWER ONE-LINE

**SENTRY ADVISOR
DUPLEX PROTECT /
PROTECT PLUS**

REMOTE MONITORING OF:
 ◦ HIGH LEVEL ALARM
 ◦ PUMP RUNNING

WEB INTERFACE PROVIDES:
 ◦ RUN TIME HISTORY
 ◦ DAILY, CUMULATIVE, LAST, MIN., MAX., AVG.
 ◦ CYCLE HISTORY
 ◦ DAILY, CUMULATIVE
 ◦ EXTENDED RUN TIME ALERTS
 ◦ CYCLE, DAILY
 ◦ GENERATE PUMP RUN AND/OR ALARM EVENT REPORTS
 ◦ MAP LOCATION OF EACH GRINDER PUMP IN THE SYSTEM WITH STATUS INDICATION

BACKUP BATTERY FOR POWER LOSS NOTIFICATION

USES EXISTING BOARD ALARM DRY CONTACTS

FACTORY INSTALLED, RETROFIT, OR STANDALONE CONFIGURATIONS AVAILABLE

OPERATING TEMPERATURE RANGE:
 ◦ -20C TO +70C

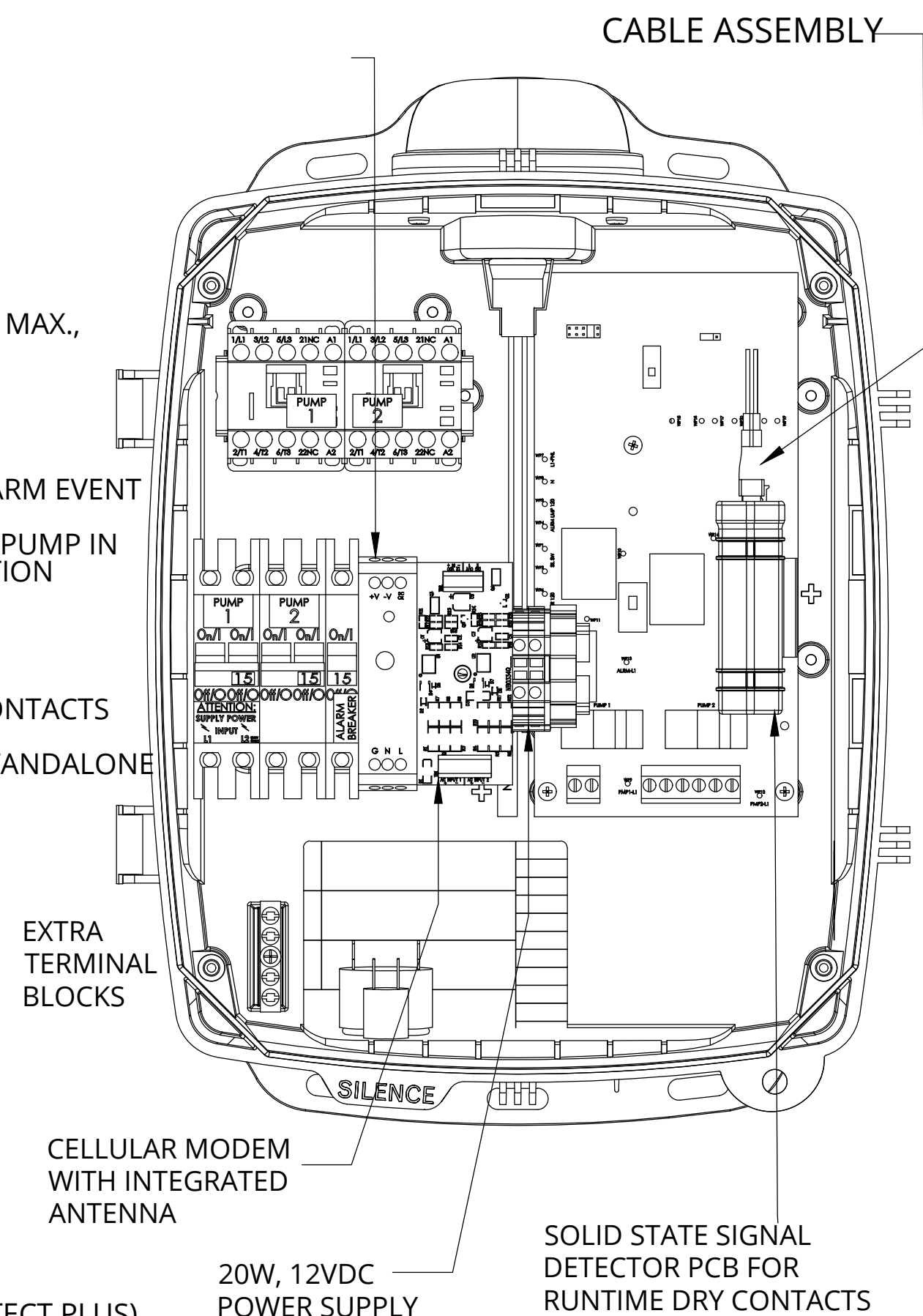
INPUT VOLTAGE:
 ◦ 85 - 264VAC

MODEM CONTAINS:
 ◦ 2 AUXILIARY A-D INPUTS
 ◦ 3 AUXILIARY DIGITAL OUTPUTS

OPTIONAL FEATURES (REQUIRES PROTECT PLUS)

- BROWNOUT AND OVER-VOLTAGE ALERTS
- RUN DRY AND OVER-PRESSURE ALERTS
- VOLTS, AMPS, WATTS HISTORICAL INFORMATION
- VOLTS, AMPS, WATTS RELATED ALERTS
- DETAILED SYSTEM STATUS
- VISIBILITY OF SYSTEM SETTINGS
- VISIBILITY AND SETTING OF USER DEFINED OPTIONS
- BOARD-LEVEL FAULT INDICATIONS (DIP SWITCH, WATT METER, ALARM CIRCUIT PROTECTION)
- SEAL LEAK DETECT NOTIFICATION (WIRELESS PUMPS ONLY)

*BID ALTERNATE - ADVISOR PANEL



DMS	11/7/2013	CTT	A	10/14/2016
DR BY	DATE	CHK'D	ISSUE	DATE

e one
 ENVIRONMENT ONE CORPORATION
 CUT SHEET, ADVISOR, T260
 240V, 2P

NA0440P04

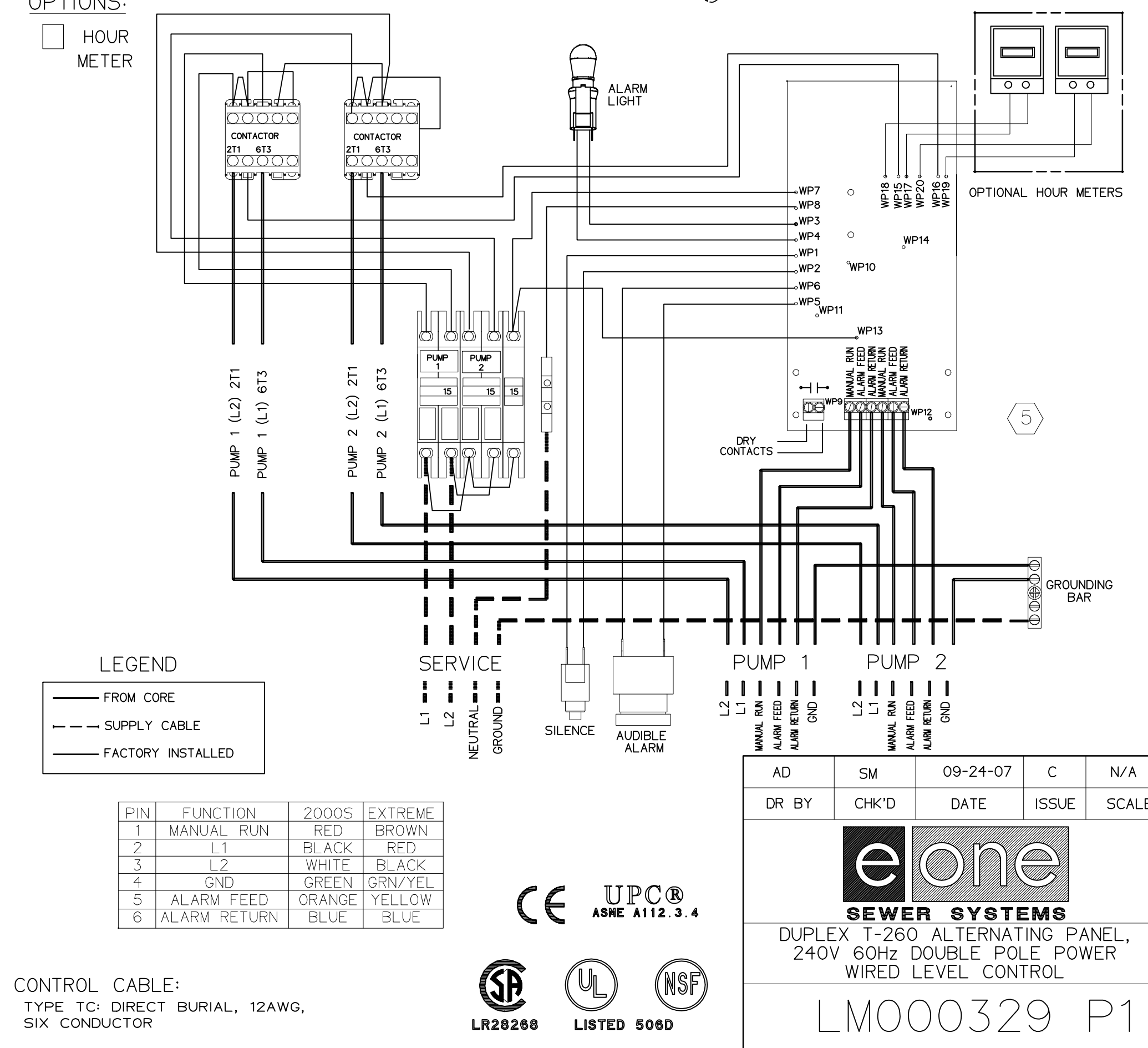
**DUPLEX
ALTERNATING PANEL
T-260**

EXTERNAL VISUAL & AUDIBLE ALARM
 EXTERNAL LATCHING MANUAL SILENCE
 MANUAL RUN
 PUMP RUN INDICATORS
 CONFORMAL COATED CIRCUIT BOARD
 PADLOCK
 ALARM DRY CONTACT
 NEMA 4X ENCLOSURE ASSEMBLY

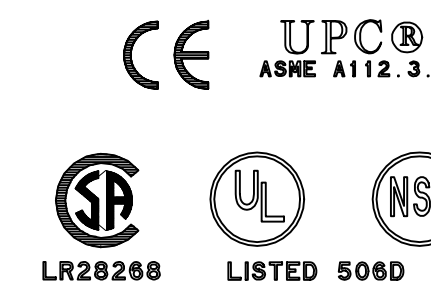
CORROSION PROOF, THERMOPLASTIC POLYESTER APPROVED BY UL FOR ELECTRICAL CONTROL ENCLOSURE

OPTIONS:

- HOUR METER
- METER



CONTROL CABLE:
 TYPE TC: DIRECT BURIAL, 12AWG,
 SIX CONDUCTOR



AD	SM	09-24-07	C	N/A
DR BY	CHK'D	DATE	ISSUE	SCALE

e one
 SEWER SYSTEMS
 DUPLEX T-260 ALTERNATING PANEL,
 240V 60Hz DOUBLE POLE POWER
 WIRED LEVEL CONTROL
 LM000329 P1

CONSTRUCTION PLANS

**WHEATLAND WASTEWATER SYSTEM
IMPROVEMENTS DIVISION II -
LOW PRESSURE SEWER SYSTEM**

WHEATLAND, IN 47597

#	Revision	Date
1	ADDENDUM NO. 1	9/12/23
2	ADDENDUM NO. 2	9/27/23

Project #: 21-400-194-1

Designed By: JDP

Drawn By: RLH

Checked By: ALG

Date: 09/27/2023



Aron Crow

ELECTRICAL DETAILS

E102