



*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

*Suite 188*  
*One Hamilton County Square*  
*Noblesville, Indiana 46060-2230*

October 7, 2022

To: Hamilton County Drainage Board

Re: Vestal - Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction

Attached are petition by Midland Pointe LLC, and plans for the proposed reconstruction and relocation of a portion of the Vestal - Kirkendall Drainage Area, Russell Shugart Arm. This project is to be paid for by the developer. In order to facilitate site improvements for a mixed-use commercial and residential development, the proposal is to reconstruct the existing drain per the construction plans by Kimley - Horn called "Russell Shugart Regulated Drain Reconstruction" dated 9/30/2022, project No. 170222000.

The proposed Midland Pointe development is located at the southeast corner of the intersection of State Road 32 and Hazel Dell Road. Per the plans by Kimley - Horn, a portion of the existing Russell Shugart Arm tile will be reconstructed downstream of the site and will affect the following parcels: 10-10-03-01-01-002.000 owned by Midland Pointe LLC; 10-10-03-01-01-003.000 owned by Jerry Zheng; 10-10-03-01-01-005.000 owned by Steven W. Davis; 10-10-03-01-01-006.000 owned by Timothy W & Rhonda L Young; right of way for Midland Trace Trail owned by the City of Noblesville; 10-10-03-00-00-042.007 and 10-10-03-00-00-042.011 owned by Robin C Anderson; 10-10-03-00-00-042.006 owned by Roberta L Hopkins; 10-10-03-00-00-042.005 owned by Joseph G & Claudett Kubala; 10-10-03-00-00-042.010 owned by Cook, Craig H & Kathie L Co-Trustees Craig H Cook Rev Trust & Kathie L & Craig H Cook Co-Trustees Kathie L Cook Rev Trust; 10-10-03-00-00-042.008 owned by Chris J & Amy M Long; 10-10-03-00-00-039.001 owned by Kay E Thompson.

The downstream end of the reconstruction will outlet into the existing open drain at proposed Str 110. In addition to the "offsite reconstruction", a portion of the Russell Shugart Arm will be reconstructed and relocated as part of the "on-site" development project, which will be the subject of a separate report.

The reconstruction will consist of the following:

88' of 12" RCP	387' of 30" RCP
131' of 24" RCP	1,042' of 36" RCP

The length of the reconstruction will be 1,648'. This project will add 175' to the overall length of the Vestal - Kirkendall Drainage Area, Russell Shugart Arm. Within the project limits, the 1,473' of existing tile installed in 1914 as part of the Russell Shugart Drain (portions of the main drain & Arm 2) will be vacated. The existing drain to be vacated approximately equates to the following stations of the original 1914 drain: Main drain – Sta. 13+97 to 26+50 (1,253'); Arm 2 – Sta. 5+90 to 8+10 (220'). The combined total to be vacated is 1,473'.

Per the project plans, this relocation project involves the following proposed structures: Str. 10, 102, 103, 104, 105, 106, 107, 108, 109, and 110.

Regarding easement, the reconstruction will occur within the existing regulated drain easement. No additional easement is required.

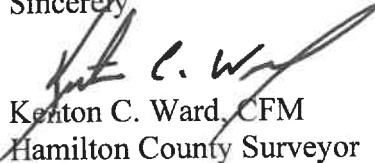
The original Russell Shugart Drain was established in 1914 per Hamilton County Circuit Court records, Viewers Report May 23, 1914 (OB61, pages 398, 413-415). In 2000, a portion of the Russell Shugart Drain was reconstructed as the "Russell Shugart - Hazel Dell Woods Offsite Reconstruction" per my report dated June 12, 2000 and approved by the Drainage Board at hearing on July 24, 2000. See Drainage Board Minutes Book 5, pages 402-406. In 2009, the Russell Shugart Drain was made an arm of the Vestal - Kirkendall Drainage Area per my report dated December 18, 2008 and was approved by the Board on March 23, 2009. See Minutes Book 11, pages 538-540.

The cost of the project is to be paid by the developer. The petitioner has not submitted surety for the proposed drain reconstruction at this time. Per the Board's policy, if approved, the developer shall submit surety in the amount of 120% of the engineer's estimate prior to reconstruction.

This proposal meets the criteria for reconstruction of a regulated drain as laid out in IC-39-9-27-52.0.

I recommend the Board set the hearing for November 28, 2022.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/stcash

HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

FILED

OCT - 4 2022

OFFICE OF HAMILTON COUNTY SURVEYOR

IN RE: \_\_\_\_\_ )  
Hamilton County, Indiana )

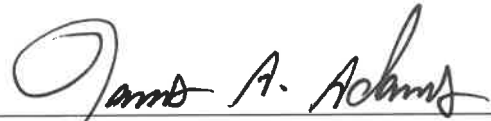
PETITION FOR RELOCATION AND RECONSTRUCTION

\_\_\_\_\_ Midland Pointe, LLC \_\_\_\_\_ (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain, without cost to other property owners on the watershed of the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the \_\_\_\_\_ Russell Shugart \_\_\_\_\_ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

  
Signed \_\_\_\_\_  
James A. Adams - Member  
Printed \_\_\_\_\_

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

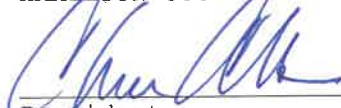
**Vestal/Kirkendall Drainage Area, Russell Shugart Arm  
Midland Pointe Offsite Reconstruction**

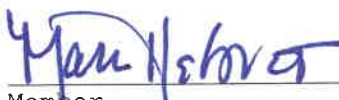
**Main Drain (Station 13+97 to Station 26+50)  
Arm 2 (Station 5+90 to Station 8+10)**

On this *28<sup>th</sup> day of November, 2022*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction (Main Drain - Station 13+97 to Station 26+50 and Arm 2 - Station 5+90 to Station 8+10)**.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction (Main Drain - Station 13+97 to Station 26+50 and Arm 2 - Station 5+90 to Station 8+10)**.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest:



STATE OF INDIANA )  
 ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
**Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe  
Offsite Reconstruction**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction** came before the Hamilton County Drainage Board for hearing **on November 28, 2022**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.


The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.


Wherefore, it is ORDERED, that the proposed Reconstruction of the **Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

  
PRESIDENT

  
Member

  
Member

ATTEST:

  
Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

***Vestal/Kirkendall Drainage Area, Russell Shugart Arm  
Midland Pointe Offsite Reconstruction***

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction** on **November 28, 2022** at **9:15 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA     )  
                              ) SS                   BEFORE THE HAMILTON  
                              )  
COUNTY OF HAMILTON )                   DRAINAGE BOARD

**IN THE MATTER OF Vestal/Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **November 28, 2022** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

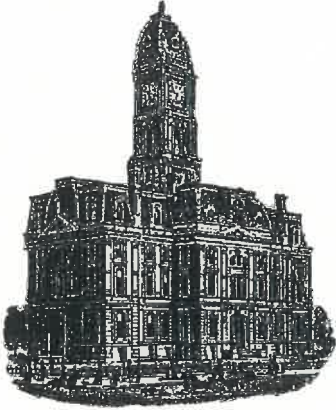
If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman  
PRESIDENT

ATTEST: Lynette Mosbaugh  
SECRETARY

KW



*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

*Suite 188*  
*One Hamilton County Square*  
*Noblesville, Indiana 46060-2230*

**To: Hamilton County Drainage Board**

**September 14, 2023**

**Re: Vestal-Kirkendall Drainage Area, Russell Shugart Arm, Midland Pointe Offsite Reconstruction**

Attached are as-built, certificate of completion & compliance, and other information for Midland Pointe Offsite Reconstruction. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated October 7, 2022. The report was approved by the Board at the hearing held November 28, 2022. (See Drainage Board Minutes Book 21, Pages 66-68) The changes are as follows: the 12" RCP was shortened from 88 feet to 74 feet. The 24" RCP was lengthened from 131 feet to 133 feet. The 30" RCP was lengthened from 387 feet to 390 feet. The 36" RCP was lengthened from 1,042 feet to 1,043 feet. The length of the drain due to the changes described above is now **1,640 feet**. The project removed 1,473 feet of existing tile drain.


The relocation took place in existing regulated drain easement. The following sureties were guaranteed by American Contractors Indemnity Co and released by the Board on its August 28, 2023, meeting.

Bond-LC No: 1001197538  
Amount: \$576,676.80  
For: Russell Shugart Reconstruction  
Issue Date: January 24, 2023



I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



---

Kenjon C. Ward, CFM  
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Russell Shugart Regulated Drain Reconstruction

I hereby certify that:

1. I am a Registered ~~Land Surveyor~~ or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature:  Date: 5/24/2023

Type or Print Name: Duane Sharrer, Weihe Engineers, Inc.

Business Address: 10505 North College Ave.

Indianapolis, IN 46280

Telephone Number: 317-846-6611



INDIANA REGISTRATION NUMBER

890258

# RECORD DRAWING CONSTRUCTION PLANS FOR RUSSELL SHUGART REGULATED DRAIN RECONSTRUCTION NOBLESVILLE, IN 46062

**WCI BID SET**  
10/24/2022

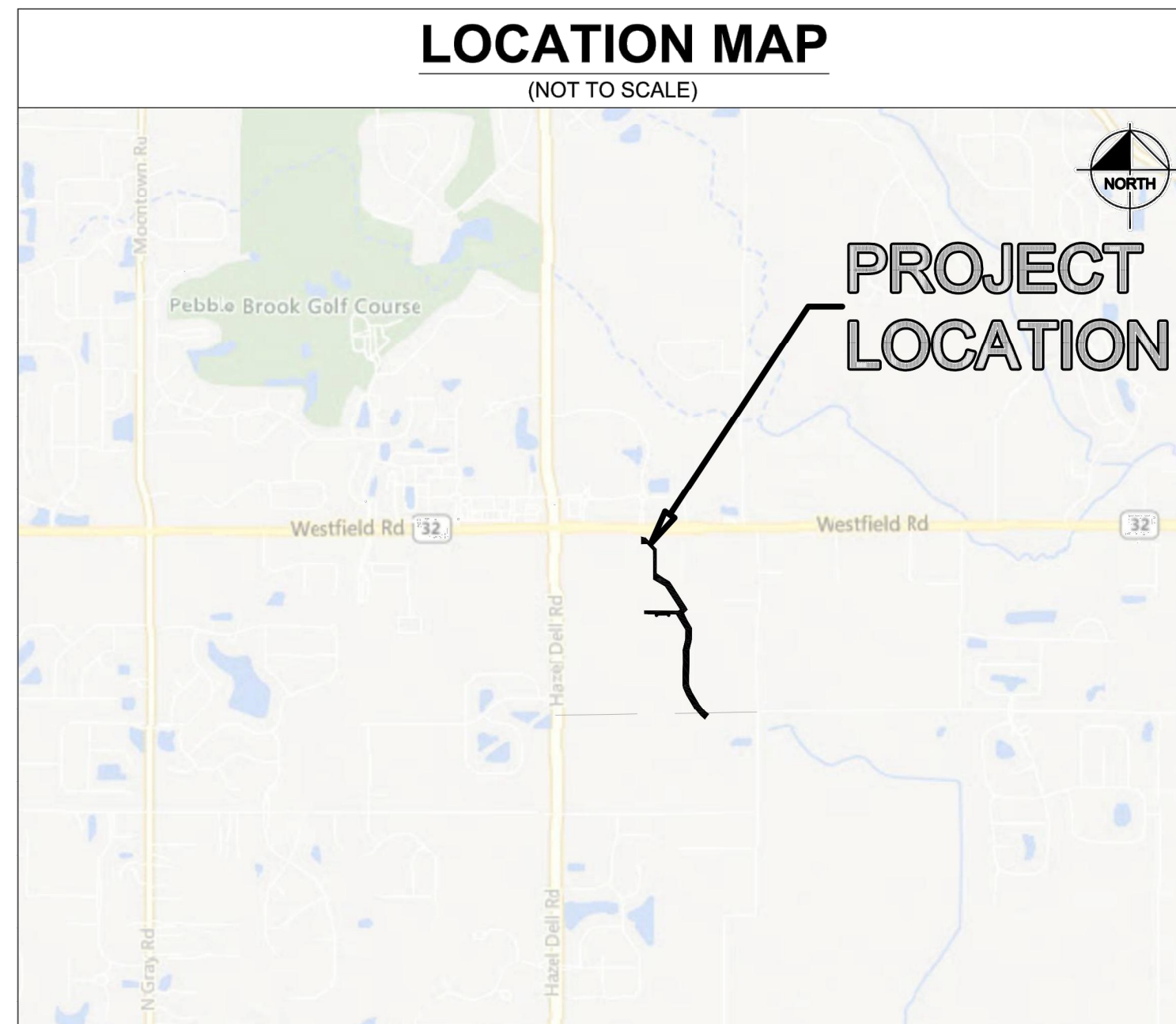
### UTILITY AND GOVERNING AGENCY CONTACTS

SERVICE / JURISDICTION	COMPANY / DEPT.	ADDRESS	PHONE NUMBER	CONTACT
SANITARY SEWER	CITY OF NOBLESVILLE DEPARTMENT OF ENGINEERING	16 SOUTH 10TH ST., SUITE 155 NOBLESVILLE, IN 46060	317-776-6330	JIM HELLMAN
WATER	CITIZENS ENERGY GROUP	2020 N MERIDIAN ST. INDIANAPOLIS, IN 46202	317-927-6415	RYAN BASORE
STORM SEWER	CITY OF NOBLESVILLE DEPARTMENT OF ENGINEERING	16 SOUTH 10TH ST., SUITE 155 NOBLESVILLE, IN 46060	317-776-6330	JIM HELLMAN
STREETS	CITY OF NOBLESVILLE DEPARTMENT OF ENGINEERING	16 SOUTH 10TH ST., SUITE 155 NOBLESVILLE, IN 46060	317-776-6330	JIM HELLMAN
ELECTRICITY	DUKE ENERGY INDIANA	100 SOUTH MILL CREEK ROAD NOBLESVILLE, IN 46062	317-776-5336	ERIC LONG
NATURAL GAS	CENTERPOINT	16222 ALLISONVILLE ROAD NOBLESVILLE, IN 46060	317-776-5560	RANDY CRUTCHFIELD
TELEPHONE / COMMUNICATIONS	AT & T - ENGINEERING	240 N. MERIDIAN ST., ROOM 280 INDIANAPOLIS, IN 46204	317-252-4007	MIKE HAYNES
FIBER OPTIC	ZAYO BANDWIDTH	625 E. 11TH ST., INDIANAPOLIS, IN 46202	813-493-1522	GILLIAN LEYTHAM

### PROJECT TEAM

ROLE	COMPANY	ADDRESS	PHONE NUMBER	CONTACT
DEVELOPER/OWNER	SECURE HOLDINGS, LLC	9000 KEYSTONE CROSSING, SUITE 660 INDIANAPOLIS, IN 46240	317-695-5200	JIM ADAMS
CIVIL ENGINEER	KIMLEY-HORN AND ASSOCIATES, INC.	250 E. 96TH ST., STE 580, INDIANAPOLIS, IN 46240	317-218-9560	JARED WILKERSON, P.E.

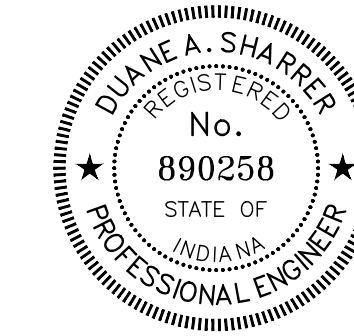
SHEET INDEX	
SHEET NO.	SHEET TITLE
C0.0	TITLE SHEET
C1.0	GENERAL SPECIFICATIONS
C1.1	GENERAL NOTES
C2.0	OVERALL PLAN
C2.1	OVERALL PLAN
C3.0	STORM PLAN & PROFILES
C3.1	STORM PLAN & PROFILES
C3.2	STORM PLAN & PROFILES
C4.0	SWPPP
C5.0	CONSTRUCTION DETAILS
C5.1	CONSTRUCTION DETAILS



### HAMILTON COUNTY

CONSTRUCTION OF A ±229,181 SF MIXED USE DEVELOPMENT FOR RESIDENTIAL ON ±39.92 AC. PROJECT IS IN SECTION 3 OF T18N, R4E IN THE NOBLESVILLE, HAMILTON COUNTY, INDIANA

RECORD DRAWING  
5/24/2023  
*Duane A. Sharrer*  
DUANE A. SHARRER P.E. 890258

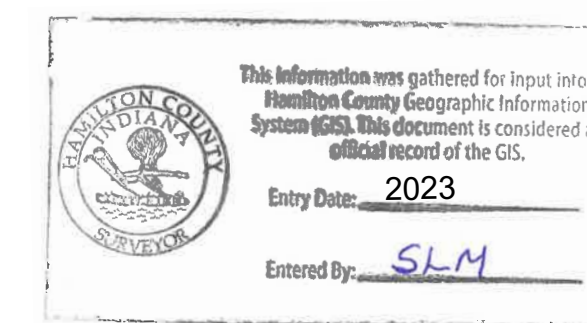
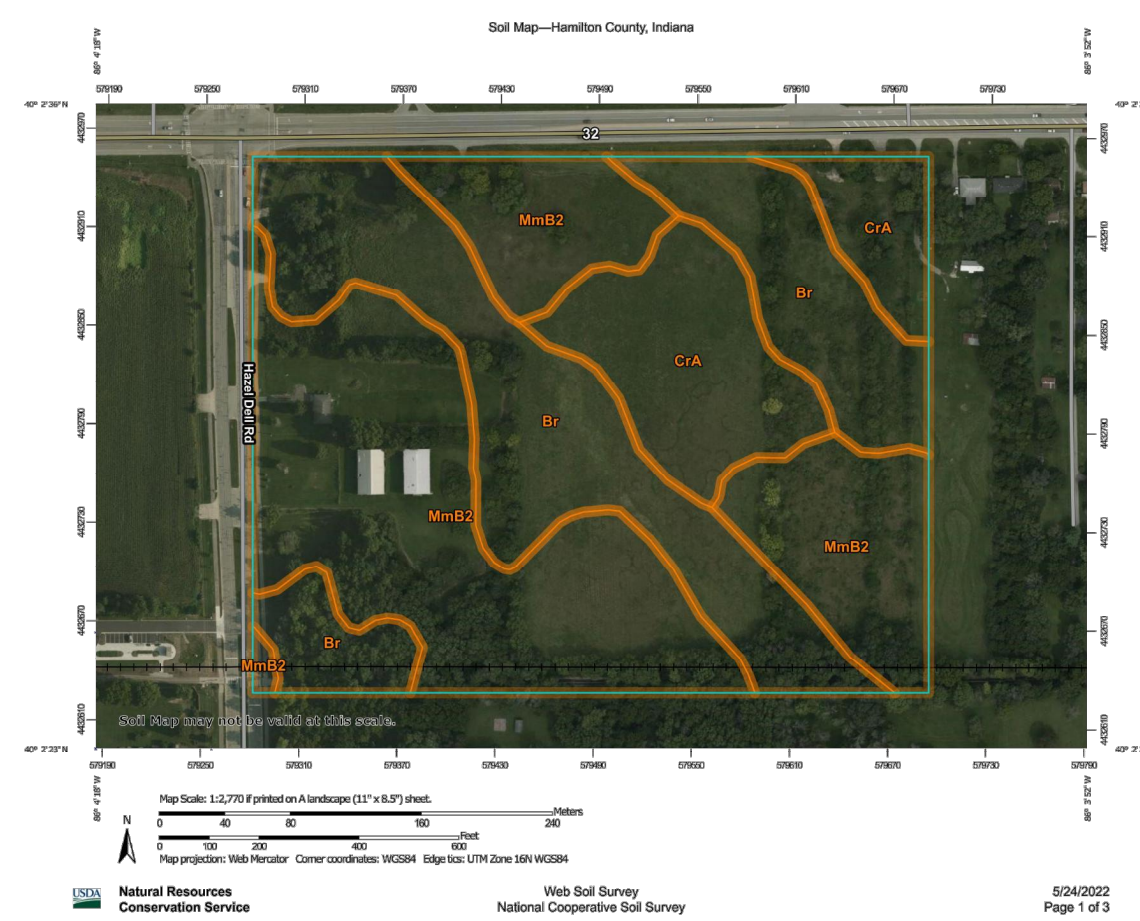
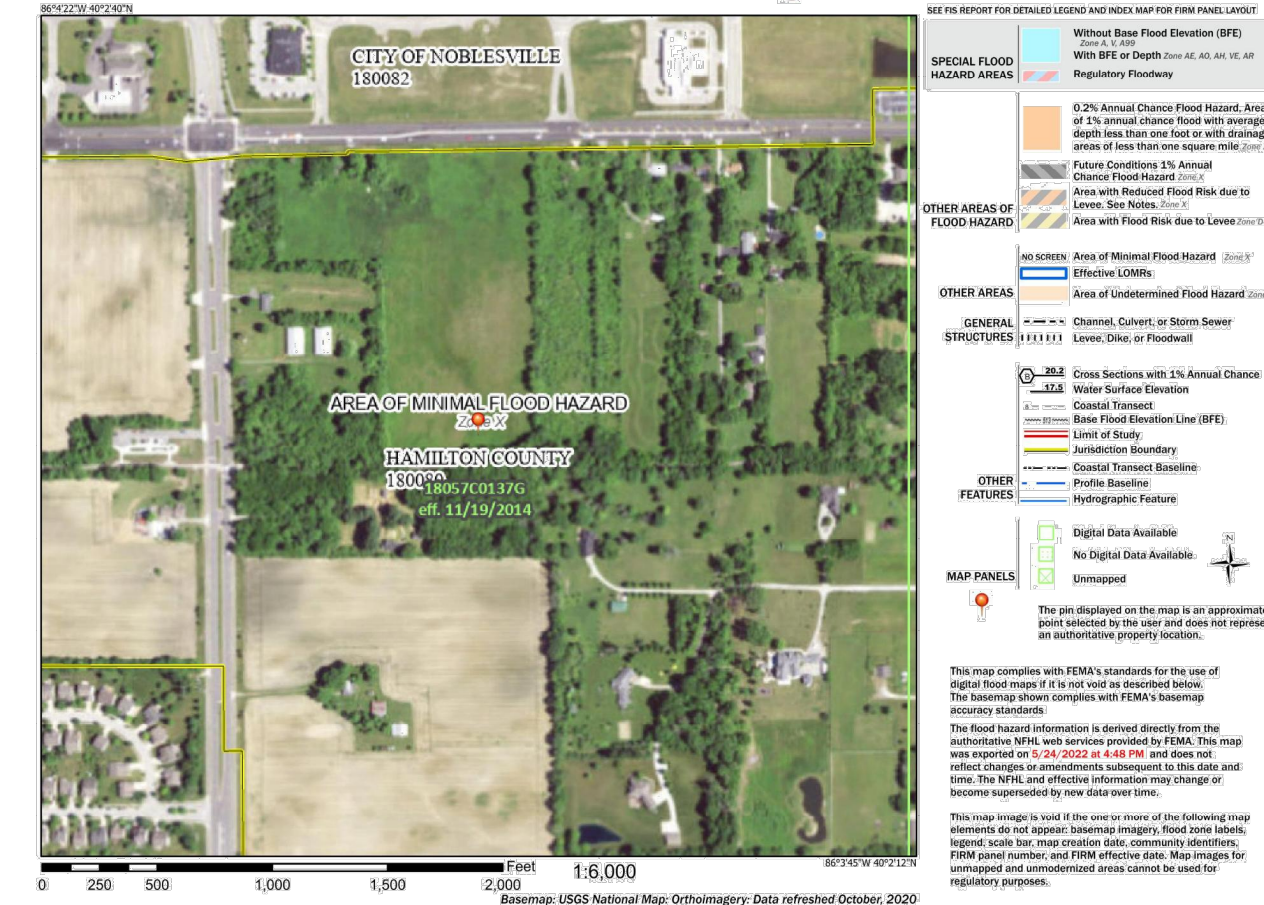


I, THE ABOVE SIGNED, CERTIFY THAT THE RECORD DRAWING INFORMATION PRESENTED ON THIS SHEET WAS PERFORMED UNDER MY DIRECT SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE IMPROVEMENTS HAVE BEEN INSTALLED IN REASONABLE COMPLIANCE WITH THE ORIGINAL DESIGN PLANS WITH RESPECT TO HORIZONTAL LOCATIONS AND GRADES AND ANY DEVIATIONS OF LOCATIONS, GRADE OR MATERIAL USED ARE SHOWN IN THESE "RECORD CONSTRUCTION DRAWINGS" (PLANS) AS OF THE DATE NOTED ABOVE.

### LEGAL DESCRIPTION

PART OF THE NORTHWEST QUARTER OF SECTION 3, TOWNSHIP 18 NORTH, RANGE 4 EAST OF THE SECOND PRINCIPAL MERIDIAN, HAMILTON COUNTY, INDIANA, THE FOLLOWING DESCRIPTION WAS BASED ON SURVEYS PREPARED BY TIMOTHY D. HIGBIE, L.S AS SURVEY FIRST LLC PROJECT NUMBERS 2021-0022 AND 2022-0006, IS DESCRIBED AS FOLLOWS:

### National Flood Hazard Layer FIRMette



**Kimley-Horn**  
©2022 KIMLEY-HORN AND ASSOCIATES, INC.  
250 EAST 96TH STREET, SUITE 580  
INDIANAPOLIS, IN 46240  
WWW.KIMLEY-HORN.COM

AS NOTED  
DESIGNED BY: KLS  
DRAWN BY: MPH  
CHECKED BY: J.W

**NOT APPROVED FOR CONSTRUCTION**  
Jared Wilkerson  
PROFESSIONAL ENGINEER

SECURE HOLDINGS, LLC  
9000 Keystone Crossing, Ste 660  
Indianapolis, IN 46240

**TITLE SHEET**

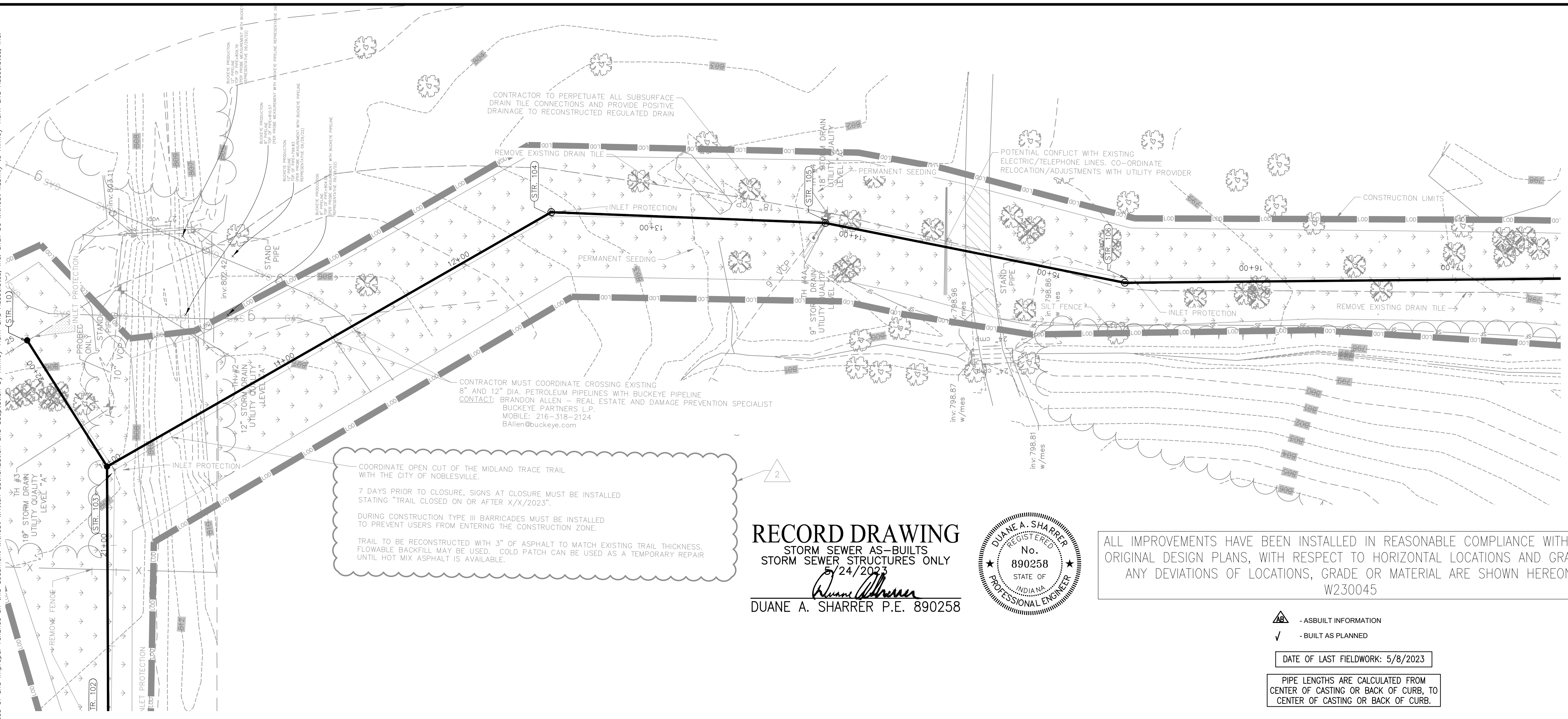
RUSSELL SHUGART REGULATED DRAIN RECONSTRUCTION  
SEC SR32 & HAZEL DELL RD.  
NOBLESVILLE, IN

ORIGINAL ISSUE:  
10/17/2022  
KHA PROJECT NO.  
170222000  
SHEET NUMBER  
C0.0

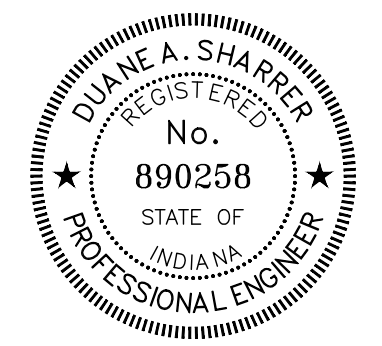
REVISIONS  
No. DATE BY

Drawing name: \\10.0.0.2\Projects\2023\202305045\Engineering\Utilities\ASB\Consent\_VAB\_20230202-ACAD-C3.0 - STORM.dwg, c3.0, May 24, 2023, 10:39am, by: collinsm  
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Indiana Utilities Protection Service  
**Call 811**  
 before you dig



**RECORD DRAWING**  
 STORM SEWER AS-BUILTS  
 STORM SEWER STRUCTURES ONLY  
 5/24/2023  
 Duane A. Sharrer  
 DUANE A. SHARRER P.E. 890258



ALL IMPROVEMENTS HAVE BEEN INSTALLED IN REASONABLE COMPLIANCE WITH THE ORIGINAL DESIGN PLANS, WITH RESPECT TO HORIZONTAL LOCATIONS AND GRADES. ANY DEVIATIONS OF LOCATIONS, GRADE OR MATERIAL ARE SHOWN HEREON. W230045

- AS-BUILT INFORMATION
- BUILT AS PLANNED
- DATE OF LAST FIELDWORK: 5/8/2023
- PIPE LENGTHS ARE CALCULATED FROM CENTER OF CASTING OR BACK OF CURB, TO CENTER OF CASTING OR BACK OF CURB.

### PLAN & PROFILE LEGEND

- EXISTING PROFILE GRADE
- PROPOSED PROFILE GRADE

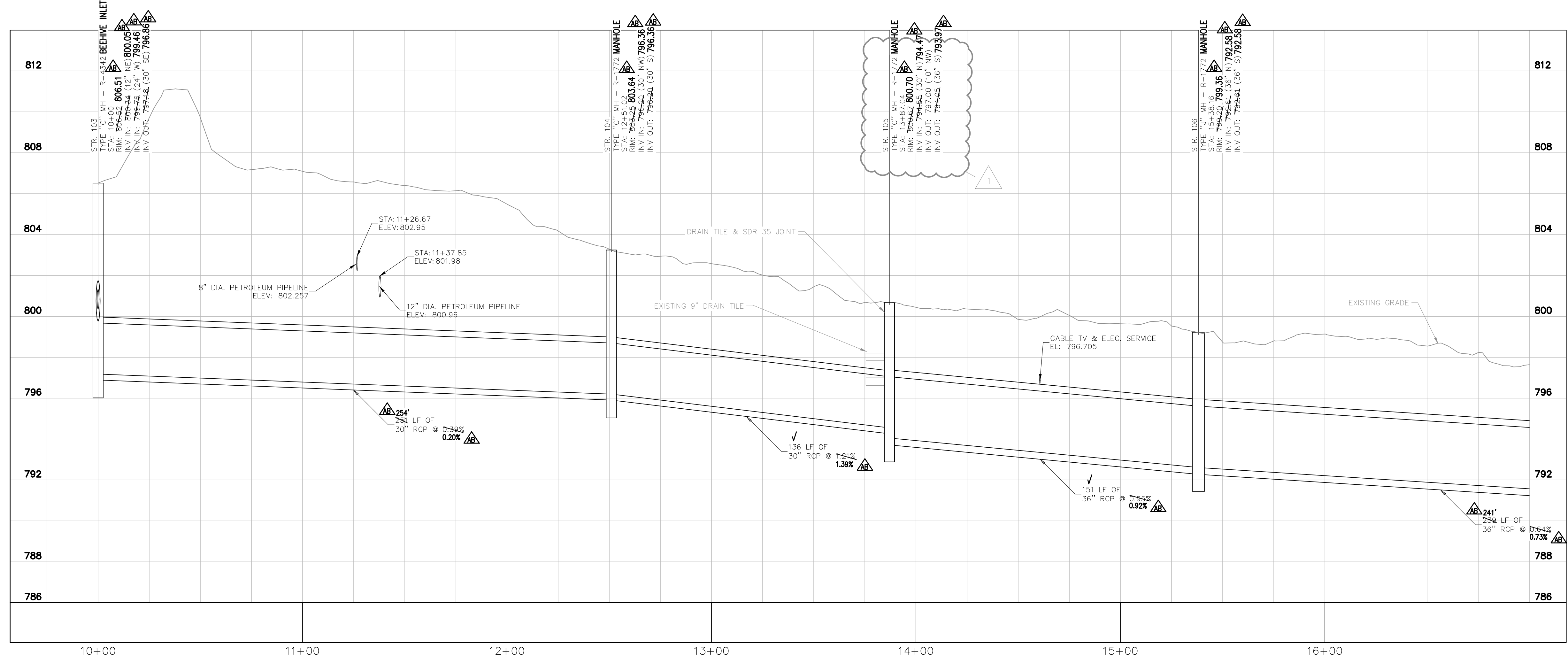
### PROPOSED LEGEND

- PROPOSED STORM SEWER LINE
- PROPOSED STORM STRUCTURES
- SILT FENCE (SEE EROSION CONTROL DETAILS)
- LIMITS OF DISTURBANCE
- TEMPORARY SEEDING (SEE EROSION CONTROL DETAILS)
- TEMPORARY ACCESS ROAD
- STAGING AREA
- OUTLET PROTECTION PER HSO DETAIL
- CONCRETE WASHOUT (SEE EROSION CONTROL DETAILS) (TO BE DETERMINED BY CONTRACTOR)
- DEBRIS DUMPSTER
- PORT-O-LET
- N.O.I. SIGN
- UTILITY REMOVAL
- FENCE REMOVAL
- ITEM TO BE REMOVED (SEE EROSION CONTROL DETAILS)
- EXISTING STONE/PAVEMENT TO BE REMOVED & REPLACED
- AREA INLET PROTECTION

### EXISTING LEGEND

- BEEHIVE INLET
- CURB INLET
- COMBINATION POLE
- DRAINAGE MANHOLE
- FIRE HYDRANT
- GAS MARKER SIGN
- GAS VALVE
- GUY WIRE
- PINE
- POST
- POWER POLE
- RIGHT OF WAY MONUMENT
- SANITARY MANHOLE
- STAND PIPE
- TEMPORARY BENCH MARK
- TELEPHONE HANDHOLE
- TELEPHONE MANHOLE
- TELEPHONE MARKER SIGN
- TELEPHONE POLE
- TELEPHONE PEDESTAL
- TREE
- TRAFFIC MANHOLE
- TRAFFIC POLE
- WATER MANHOLE
- WATER VALVE
- OVERHEAD ELECTRIC LINE
- BURIED TELEPHONE LINE
- OVERHEAD TELEPHONE LINE
- OVERHANGING TRAFFIC LINE
- BURIED WATER LINE
- TOP OF RIM ELEVATION
- INVERT ELEVATION
- REINFORCED CONCRETE PIPE
- PLASTIC PIPE
- CORRUGATED METAL PIPE
- METAL END SECTION

REBAR SET 5/8" REBAR W/CAP STAMPED "STRUCTUREPOINT 0094" SET FLUSH



### GENERAL PLAN NOTES

REFER TO GENERAL NOTES SHEET FOR MORE INFORMATION INCLUDING THE FOLLOWING: (EXISTING LEGEND, BENCHMARK INFORMATION, AND SPECIFIC GENERAL PLAN NOTES.)

12/28/22  
 1/27/23

SHOP DRAWING REVIEW  
 CITY COORDINATION

NO. \_\_\_\_\_

REVISIONS

DATE \_\_\_\_\_ BY \_\_\_\_\_

AS NOTED  
 DESIGNED BY: KLG  
 DRAWN BY: MPH  
 CHECKED BY: JLV

**Kimley-Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 250 EAST 96TH STREET, SUITE 550,  
 INDIANAPOLIS, IN 46240  
 WWW.KIMLEY-HORN.COM

UNIVERSITY OF INDIANA  
 REGISTERED PROFESSIONAL ENGINEER  
 No. PE11300006  
 STATE OF INDIANA  
 Duane A. Sharrer

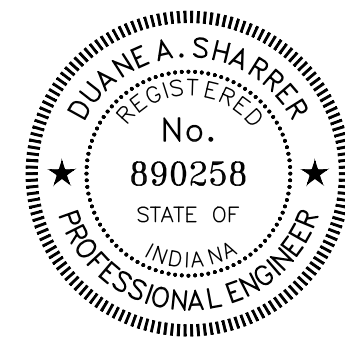
SECURE HOLDINGS, LLC  
 9000 Keystone Crossing, Ste 660  
 Indianapolis, IN 46240

**RUSSELL SHUGART**  
 REGULATED DRAIN  
 RECONSTRUCTION  
 SEC SR32 & HAZEL DELL RD.  
 NOBLESVILLE, IN

STORM PLAN &  
 PROFILES

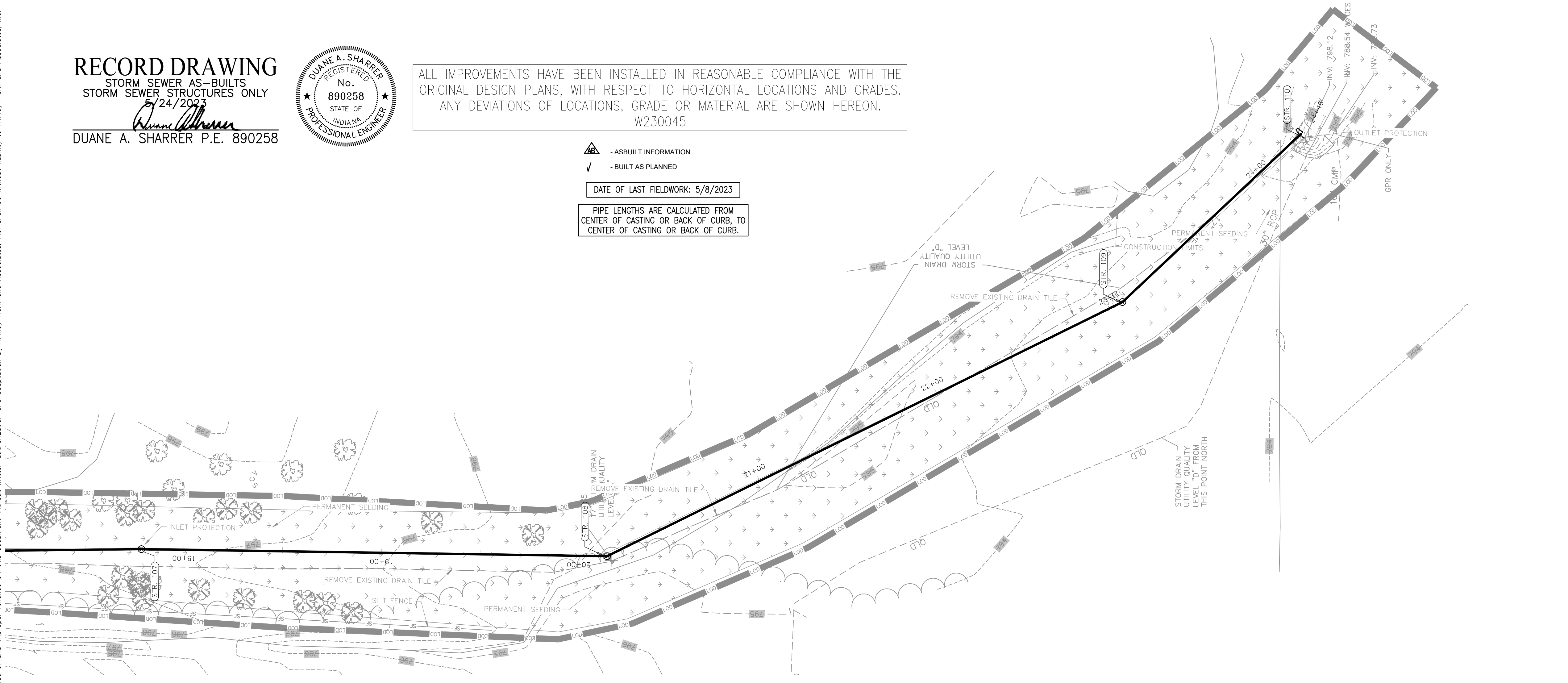
ORIGINAL ISSUE:  
 12/7/2022  
 KHA PROJECT NO.  
 170222000  
 SHEET NUMBER  
**C3.0**

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 STORM SEWER STRUCTURES ONLY  
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 Duane A. Sharrer  
 DUANE A. SHARRER P.E. 890258



ALL IMPROVEMENTS HAVE BEEN INSTALLED IN REASONABLE COMPLIANCE WITH THE ORIGINAL DESIGN PLANS, WITH RESPECT TO HORIZONTAL LOCATIONS AND GRADES. ANY DEVIATIONS OF LOCATIONS, GRADE OR MATERIAL ARE SHOWN HEREON.  
 W230045

- AS-BUILT INFORMATION
- BUILT AS PLANNED
- DATE OF LAST FIELDWORK: 5/8/2023
- PIPE LENGTHS ARE CALCULATED FROM CENTER OF CASTING OR BACK OF CURB, TO CENTER OF CASTING OR BACK OF CURB.



**PLAN & PROFILE LEGEND**

- EXISTING PROFILE GRADE
- PROPOSED PROFILE GRADE

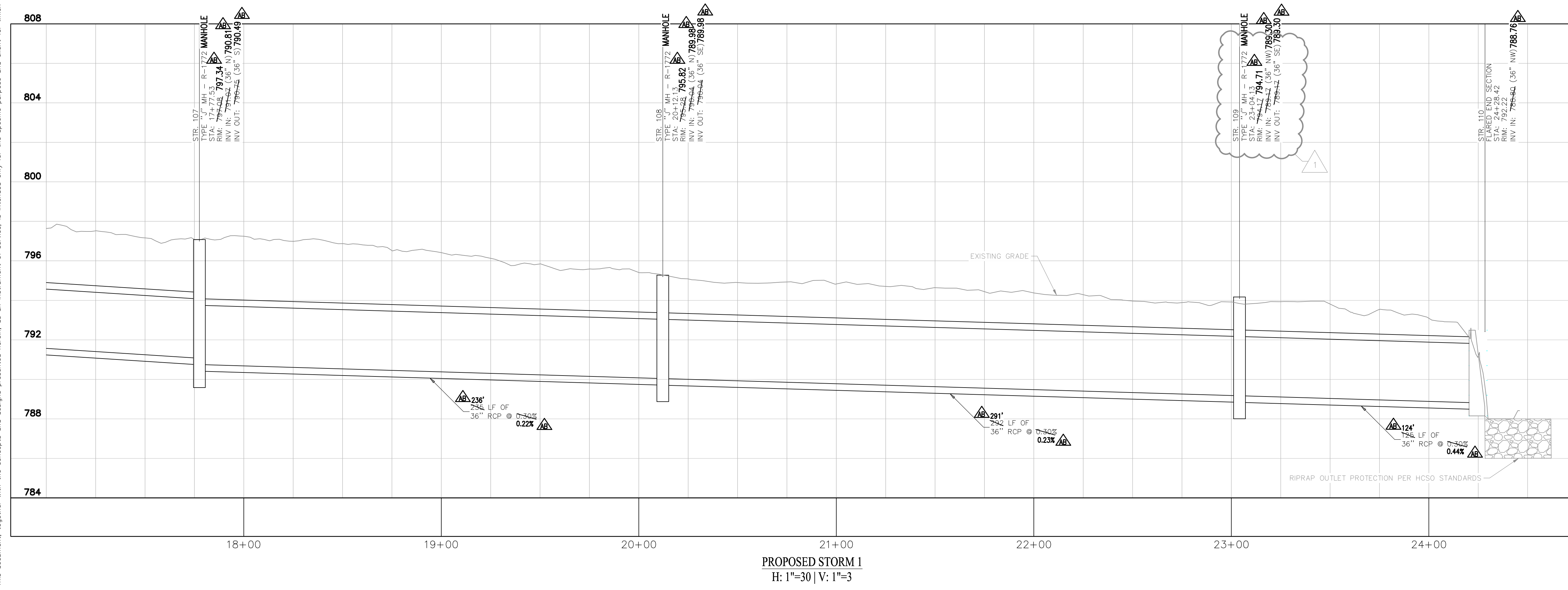
**PROPOSED LEGEND**

- PROPOSED STORM SEWER LINE
- PROPOSED STORM STRUCTURES
- SILT FENCE (SEE EROSION CONTROL DETAILS)
- LIMITS OF DISTURBANCE
- TEMPORARY SEEDING (SEE EROSION CONTROL DETAILS)
- TEMPORARY ACCESS ROAD
- STAGING AREA
- OUTLET PROTECTION PER HSO DETAIL
- CONCRETE WASHOUT (SEE EROSION CONTROL DETAILS) (TO BE DETERMINED BY CONTRACTOR)
- DEBRIS DUMPSITE
- PORT-O-LET
- N.O.I. SIGN
- UTILITY REMOVAL
- FENCE REMOVAL
- ITEM TO BE REMOVED (SEE EROSION CONTROL DETAILS)
- EXISTING STONE/PAVEMENT TO BE REMOVED & REPLACED
- AREA INLET PROTECTION

**EXISTING LEGEND**

- BEEHIVE INLET
- CURB INLET
- COMBINATION POLE
- DRAINAGE MANHOLE
- FIRE HYDRANT
- GAS MARKER SIGN
- GAS VALVE
- GUY WIRE
- PINE
- POST
- POWER POLE
- RIGHT OF WAY MONUMENT
- SIGN
- SANITARY MANHOLE
- STAND PIPE
- TEMPORARY BENCH MARK
- TELEPHONE HANDHOLE
- TELEPHONE MANHOLE
- TELEPHONE MARKER SIGN
- TELEPHONE POLE
- TELEPHONE PEDESTAL
- TREE
- TRAFFIC MANHOLE
- TRAFFIC POLE
- WATER MANHOLE
- WATER VALVE
- OVERHEAD ELECTRIC LINE
- BURIED TELEPHONE LINE
- OVERHEAD TELEPHONE LINE
- OVERHEAD TRAFFIC LINE
- BURIED WATER LINE
- TOP OF RIM ELEVATION
- INVERT ELEVATION
- REINFORCED CONCRETE PIPE
- PLASTIC PIPE
- CORRUGATED METAL PIPE
- METAL END SECTION

REBAR SET 5/8" REBAR W/CAP STAMPED "STRUCTUREPOINT 0094" SET FLUSH



**PROPOSED STORM 1**  
 H: 1"=30' | V: 1"=3'

**GENERAL PLAN NOTES**  
 REFER TO GENERAL NOTES SHEET FOR MORE INFORMATION INCLUDING THE FOLLOWING: (EXISTING LEGEND, BENCHMARK INFORMATION, AND SPECIFIC GENERAL PLAN NOTES.)

SHOP DRAWING REVIEW: 12/28/22  
 CITY COORDINATION: 1/27/23

AS NOTED  
 DESIGNED BY: KLG  
 DRAWN BY: MPH  
 CHECKED BY: JLV

**Kimley-Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 250 EAST 96TH STREET, SUITE 550,  
 INDIANAPOLIS, IN 46240  
 WWW.KIMLEY-HORN.COM

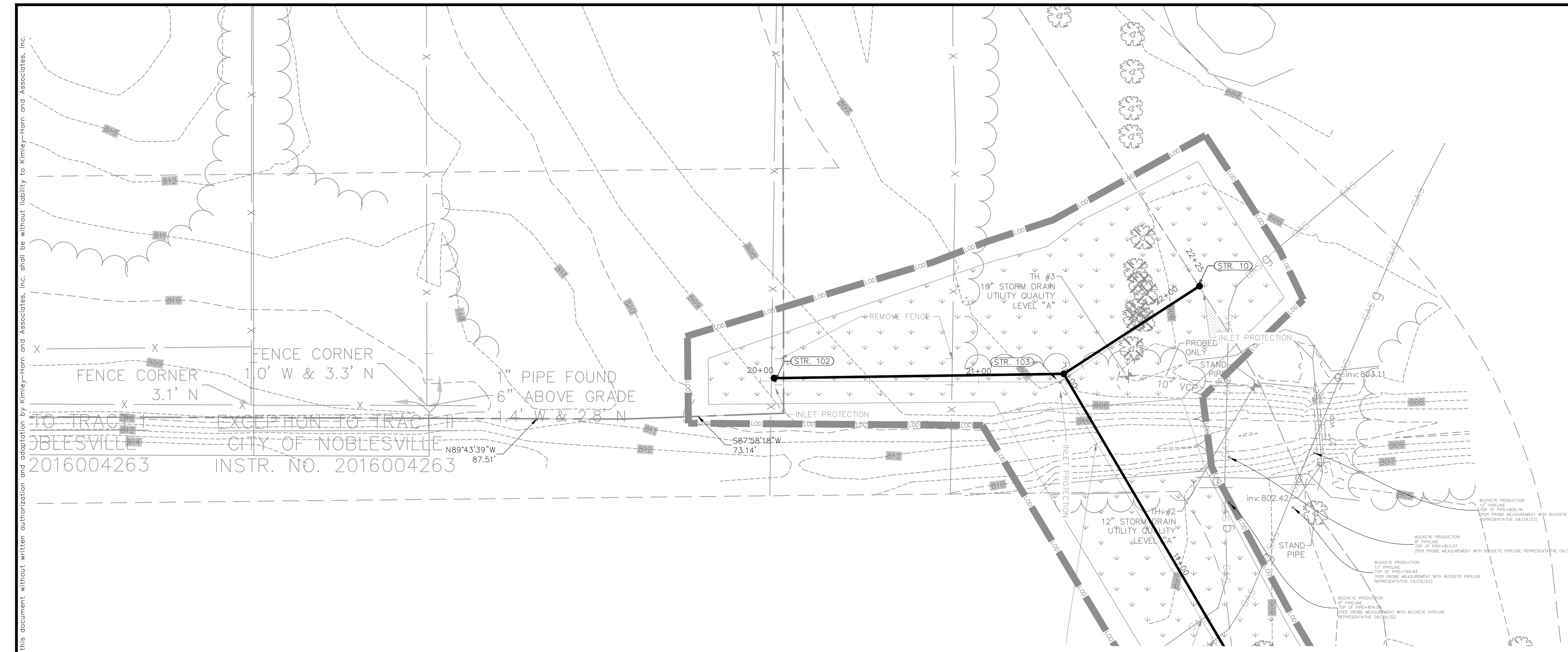
**JARED L. WILKERSON**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. PE11300006  
 STATE OF INDIANA

**SECURE HOLDINGS, LLC**  
 9000 Keystone Crossing, Ste 600  
 Indianapolis, IN 46240

**RUSSELL SHUGART**  
 REGULATED DRAIN RECONSTRUCTION  
 SEC SR32 & HAZEL DELL RD.  
 NOBLESVILLE, IN

ORIGINAL ISSUE: 12/7/2022  
 KHA PROJECT NO. 170222000  
 SHEET NUMBER: C3.1

Drawing name: \\10.0.0.21\projects\2023\W230045\Engineering\submittals\Consent\_VAB\_20230202-ACAD-C3.1 - STORM.dwg, C3.1, May 24, 2023, 10:40am, by: collins  
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Indiana Utilities Protection Service  
**Call 811**  
 before you dig

NORTH

GRAPHIC SCALE IN FEET  
 0 15' 30' 60'

### PLAN & PROFILE LEGEND

--- EXISTING PROFILE GRADE  
 --- PROPOSED PROFILE GRADE

### PROPOSED LEGEND

- PROPOSED STORM SEWER LINE
- PROPOSED STORM STRUCTURES
- SILT FENCE (SEE EROSION CONTROL DETAILS)
- LIMITS OF DISTURBANCE
- TEMPORARY SEEDING (SEE EROSION CONTROL DETAILS)
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### EXISTING LEGEND

- BEEHIVE INLET
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REBAR SET 5/8" REBAR W/CAP STAMPED "STRUCTUREPOINT 0094" SET FLUSH

**RECORD DRAWING**  
 STORM SEWER AS-BUILTS  
 STORM SEWER STRUCTURES ONLY  
 5/24/2023  
 DUANE A. SHARRER P.E. 890258

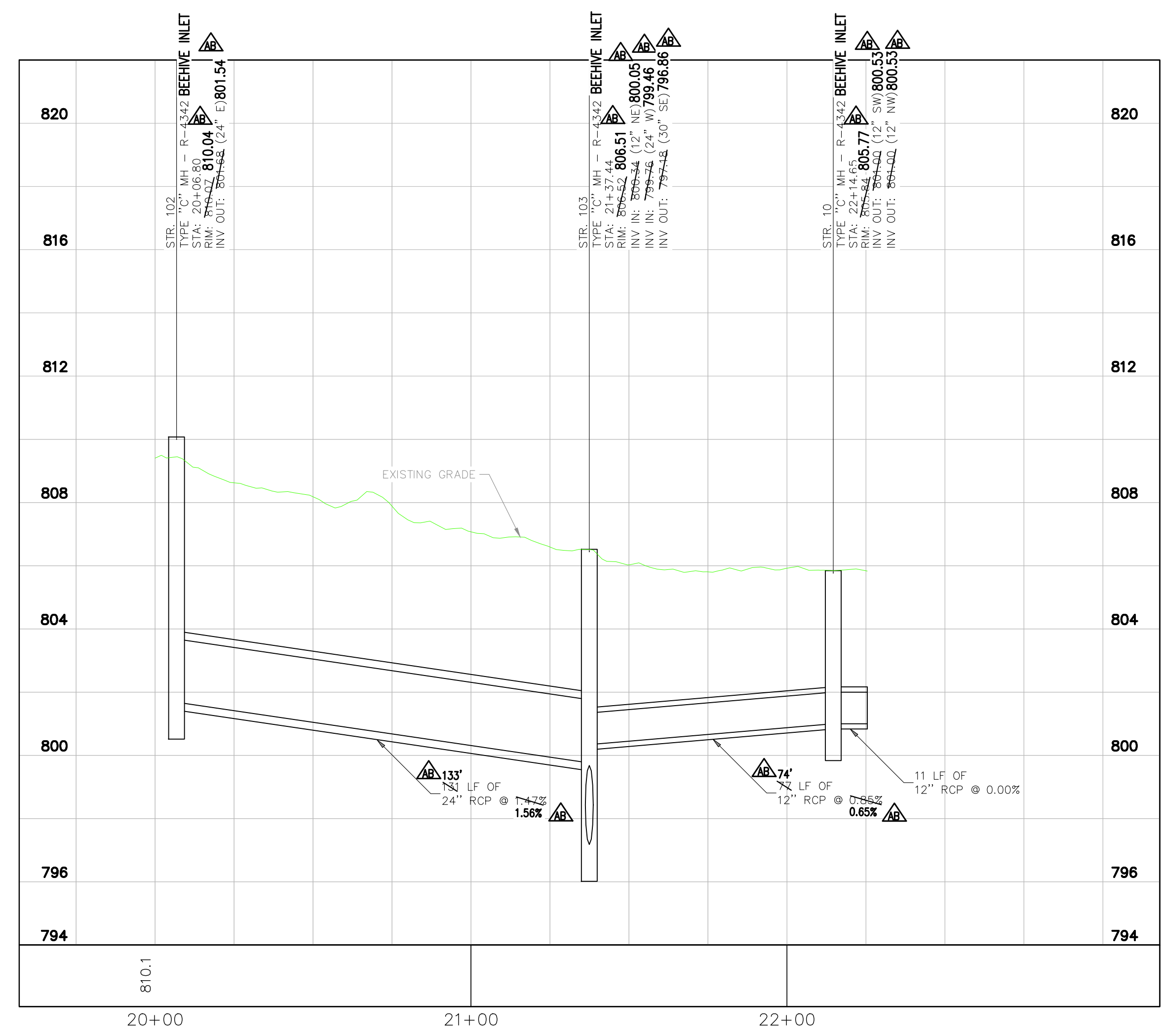
DUANE A. SHARRER  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 890258  
 STATE OF INDIANA

▲ AS-BUILT INFORMATION  
 ✓ BUILT AS PLANNED

DATE OF LAST FIELDWORK: 5/8/2023

PIPE LENGTHS ARE CALCULATED FROM CENTER OF CASTING OR BACK OF CURB, TO CENTER OF CASTING OR BACK OF CURB.

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PROPOSED STORM 2  
 H: 1"=30' | V: 1"=3'

### GENERAL PLAN NOTES

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12/28/22  
 1/27/23

SHOP DRAWING REVIEW  
 CITY COORDINATION

NO. DATE BY

REVISIONS

AS NOTED  
 DESIGNED BY: KJG  
 DRAWN BY: MPH  
 CHECKED BY: JLV

SCALE: AS NOTED

UNREG. L. WILKERSON  
 REGISTERED PROFESSIONAL ENGINEER  
 No. PE11300006  
 STATE OF INDIANA

SECURE HOLDINGS, LLC  
 9000 Keystone Crossing, Ste 600  
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RUSSELL SHUGART  
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 NOBLESVILLE, IN

ORIGINAL ISSUE:  
 12/7/2022  
 KHA PROJECT NO.  
 170222000  
 SHEET NUMBER  
**C3.2**



Drawing name: \\10.0.0.21\projects\2023\K030045\Engineering\Utilities\B Consol\_V08\_20230202-K030-C3.0 - \$100M.pgn.s.dwg - C3.3 - May 24, 2023, 10:40am - By: cshinn  
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STORM SEWER STRUCTURE DATA TABLE									
NOTE: DEBRIS GUARD REQUIRED ON ALL END SECTIONS									
ALL CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"									
STR. NO.	STRUCTURE/CASTING TYPE (NOTE: MANHOLE CASTING)	ELEV.	INBOUND PIPE DATA (DIRECTIONAL FROM STR)	OUTBOUND PIPE DATA (DIRECTIONAL TO STR)	OUTBOUND PIPE DIA.	OUTBOUND PIPE SIZE	INBOUND GRADE (%)	OUTBOUND TO STRUCTURE	REMARKS
10	TYPE "C" MH - R-4342	805.84		12" RCP 801.00 (SW) [103] 12" RCP 801.00 (NW) []	77' 11'	12" 12"	0.85% 0.00%	103	
11	EXISTING MANHOLE	799.73		12" RCP 795.00 (SE) []	11'	12"	4.26%		
16	NULL STRUCTURE	???							
38	NULL STRUCTURE	???							
39	NULL STRUCTURE	???		4" PVC -4.17 (E) [40]	110'	4"	0.50%	40	
40	NULL STRUCTURE	???	4" PVC -4.72 (W) [39]						
102	TYPE "C" MH - R-4342	810.07		24" RCP 801.68 (E) [103]	131'	24"	1.47%	103	
103	TYPE "C" MH - R-4342	806.52	12" RCP 800.34 (NE) [10] 24" RCP 799.76 (W) [102]	30" RCP 797.18 (SE) [104]	251'	30"	0.39%	104	
104	TYPE "C" MH - R-1772	803.25	30" RCP 796.20 (NW) [103]	30" RCP 796.20 (S) [105]	136'	30"	1.21%	105	
105	TYPE "C" MH - R-1772	800.67	30" RCP 794.55 (N) [104]	EXISTING STORM 797.00 (NW) [] 36" RCP 794.05 (S) [106]	21' 151'	10" 36"	0.00% 0.95%	106	
106	TYPE "J" MH - R-1772	799.20	36" RCP 792.61 (N) [105]	36" RCP 792.61 (S) [107]	239'	36"	0.64%	107	
107	TYPE "J" MH - R-1772	797.08	36" RCP 791.07 (N) [106]	36" RCP 790.75 (S) [108]	235'	36"	0.30%	108	
108	TYPE "J" MH - R-1772	795.28	36" RCP 790.04 (N) [107]	36" RCP 790.04 (SE) [109]	292'	36"	0.30%	109	
109	TYPE "J" MH - R-1772	794.17	36" RCP 789.17 (NW) [108]	36" RCP 789.17 (SE) [110]	125'	36"	0.30%	110	
110	FLARED END SECTION		36" RCP 788.80 (NW) [109]						

 ©2023 KIMLEY-HORN AND ASSOCIATES, INC. 250 EAST 96TH STREET, SUITE 550, INDIANAPOLIS, IN 46240 WWW.KIMLEY-HORN.COM	SCALE: AS NOTED DESIGNED BY: KLG DRAWN BY: MPH CHECKED BY: JLV		SECURE HOLDINGS, LLC 9000 Keystone Crossing, Ste 600 Indianapolis, IN 46240	STORM STRUCTURE DATA TABLE	RUSSELL SHUGART REGULATED DRAIN RECONSTRUCTION SEC SR32 & HAZEL DELL RD. NOBLESVILLE, IN	ORIGINAL ISSUE: 12/7/2022 KHA PROJECT NO. 170222000 SHEET NUMBER <span style="font-size: 24pt; font-weight: bold;">C3.3</span>	No. _____ DATE _____ BY _____