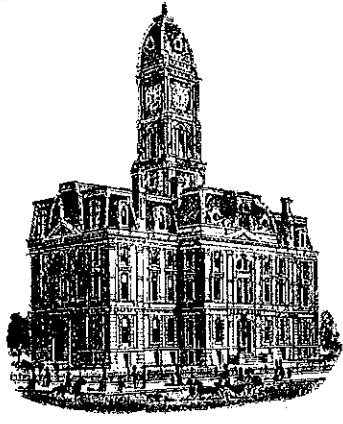


Kew



SURVEYOR'S OFFICE
Hamilton County

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

April 22, 2018

To: Hamilton County Drainage Board

Re: Vermillion Drain, The Enclave at Vermillion, Sec. 2 Arm

Attached is a petition filed by North Connecticut Development Corporation (Republic Development), along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Vermillion Drain, The Enclave at Vermillion, Sec. 2 Arm to be located in Fall Creek Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. As per the plans by Weihe Engineers, Project No. W150302-2, the drain will consist of the following:

12" RCP	486 ft.	30" RCP	281 ft.
15" RCP	271 ft.	6" SSD	2,314 ft.
24" RCP	185 ft.		

The total length of the drain will be 3537 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain for Section 2 will be \$1,925.50.

The detention pond (existing wet pond #12 partially located in Common Area "Park") is to be considered part of the regulated drain. This is consistent with the ponds in other Vermillion sections. The maintenance of the pond shall include the inlet and outlet as part of the regulated drain. The maintenance of the pond such as sediment removal, and erosion control along the banks, mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will also retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained, thereby, allowing no fill or easement encroachments. Pond 12 was constructed as part of The Heritage at Vermillion, Sec. 1 & 2 and has only a small part located in this section.

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of Letters of Credit from the developer are as follows:

Agent: Standard Financial Corporation
Date: August 31, 2017
Number: 1291ENC2
For: Storm Sewers
Amount: \$174,322.50
HCDB-2017-00049

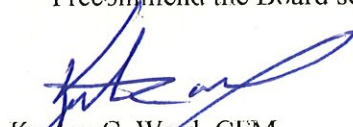
Agent: Standard Financial Corporation
Date: August 31, 2017
Number: 1289ENC2
For: Erosion Control
Amount: \$36,123.48
HCDB-2017-00048

Agent: Standard Financial Corporation
Date: August 31, 2017
Number: 1290ENC
For: Monumentation
Amount: \$3,912.00
HCDB-2017-00047

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for The Enclave at Vermillion, Sec. 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for June 25, 2018.



Kenton C. Ward, CFM
Hamilton County Surveyor
KCW/stc

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED

NORTH CONNECTICUT DEV. CORP.

Douglas B. Wagner
Signed

DOUGLAS B. WAGNER, SVP
Printed Name

APRIL 27, 2017
Date

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

FILED

APR 05 2017

OFFICE OF HAMILTON COUNTY SURVEYOR

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

In the matter of The Enclave @ Vermillion Subdivision, Section
 Two Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in The Enclave @ Vermillion - Section Two, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED

NORTH CONNECTICUT DEV. CORP.

Douglas B. Wagner
Signed _____

Signed

DOUGLAS B. WAGNER, Sr VP
Printed Name _____

Printed Name

MARCH 29, 2017
Date _____

Date

Signed

Signed

Printed Name

Printed Name

Date

Date

FINDINGS AND ORDER

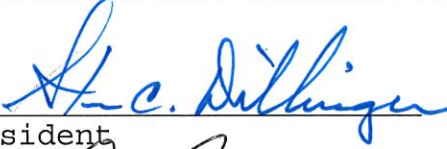
CONCERNING THE MAINTENANCE OF THE

Vermillion Drain, The Enclave at Vermillion Section 2 Arm


On this 25th day of June, 2018, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Vermillion Drain, The Enclave at Vermillion Section 2 Arm*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD




President



Member



Member

Attest: 

Executive Secretary

ENGINEER'S ESTIMATE OF PROBABLE COST

Project: The Enclave at Vermillion - Section Two
 W150253

Date: 8/29/2017

STORM SEWERS

	Quantity	Unit Price	Gross Price
Structures			
Large Curb Inlet	4	\$ 3,300.00	\$ 13,200.00
Large Beehive	6	\$ 3,000.00	\$ 18,000.00
Small curb Inlet	2	\$ 1,750.00	\$ 3,500.00
Small Beehive	2	\$ 1,525.00	\$ 3,050.00
Tons of stone Bedding (#8)	440	\$ 20.25	\$ 8,910.00
Tons of stone Backfill (#53)	190	\$ 13.75	\$ 2,612.50
Tons of Rip Rap	10	\$ 45.00	\$ 450.00
Lot connections (4" underdrain)	31	\$ 125.00	\$ 3,875.00
Street SSD	2,357	\$ 9.25	\$ 21,802.25

Qty	Measurement	Size	Material	Unit Price	Gross Price
Pipe					
309	Linear feet of	12"	RCP	\$ 22.00	\$ 6,798.00
506	Linear feet of	15"	RCP	\$ 26.00	\$ 13,156.00
271	Linear feet of	18"	RCP	\$ 28.00	\$ 7,588.00
0	Linear feet of	21"	RCP	\$ 34.00	\$ -
566	Linear feet of	24"	RCP	\$ 42.00	\$ 23,772.00
281	Linear feet of	30"	RCP	\$ 55.00	\$ 15,455.00
1	End Section W/ Animal Guard	30"	RCP	\$ 2,200.00	\$ 2,200.00
2	Cap and Seal (Each)			\$ 450.00	\$ 900.00

STORM SEWER TOTAL: \$ 145,268.75

EROSION CONTROL

	Quantity	Unit Price	Gross Price
Seeding			
Acres of temp. seed & mulch	5.30	\$ 1,100.00	\$ 5,830.00
Square yards of permanent seed and straw mulch	12,178	\$ 0.34	\$ 4,140.52
Square yards of erosion control blanket w/ permanent seed)	2,750	\$ 1.05	\$ 2,887.50
Square yards of permanent seed in Swales	6,881	\$ 0.48	\$ 3,302.88
Other			
Construction Entrance	1	\$ 3,300.00	\$ 3,300.00
Linear feet of silt fencing	3,900	\$ 1.00	\$ 3,900.00
Silt Fence Behind Curbs	450	\$ 1.00	\$ 450.00
Silt Fence at Swales	2,450	\$ 1.00	\$ 2,450.00
Drop Inlet Protection	11	\$ 90.00	\$ 990.00
Curb Inlet Protection	14	\$ 168.00	\$ 2,352.00
Misc.			
Concrete Washout	1	\$ 500.00	\$ 500.00

EROSION CONTROL TOTAL \$ 30,102.90

MONUMENTATION

	Quantity	Unit Price	Gross Price
Misc.			
Rebar Street Control	5	\$ 50.00	\$ 250.00
4x4 Concrete Monuments	0	\$ 75.00	\$ -
Property Corners	86	\$ 35.00	\$ 3,010.00

EROSION CONTROL TOTAL \$ 3,260.00

SUMMARY

	Total	Performance Guarantee	Maintenance Guarantee
	A	B = A X 120%	C = B X 20%
Storm Sewers	\$ 145,268.75	\$ 174,322.50	\$ 34,864.50
Erosion Control	\$ 30,102.90	\$ 36,123.48	\$ 7,224.70
Monumentation	\$ 3,260.00	\$ 3,912.00	\$ 782.40
	\$ 178,631.65	\$ 214,357.98	\$ 42,871.60

COMMENTS:

Bond Estimate Prepared by:

Signature: *Alvin E. Skoog, Jr.*

Printed Name: Alvin E. (Rusty) Skoog, Jr.

Title: Sr. Project Manager

Date: 29-Aug-17



August 31, 2017

SEP 06 2017

4003-2017-00049

OFFICE OF HAMILTON COUNTY SURVEYOR
Irrevocable Letter of Credit No.: 1291ENC2

TO: Hamilton County Commissioners
1 Hamilton County Square, Suite 157
Noblesville, IN 46060

To Whom It May Concern:

We hereby authorize you to value on us for the account of:

Developer Name: North Connecticut Development Corporation
Developer Address: 3150 Republic Blvd. N, #3
Toledo, OH 43615

For a sum or sums in United States of America Dollars not to exceed the aggregate total of **One Hundred Seventy-Four Thousand Three Hundred Twenty-Two and 50/100 Dollars (\$174,322.50)** by your draft(s) at sight.

The purpose of this Letter of Credit is for the performance of the installation of storm sewers in Enclave at Vermillion, Section 2.

The condition for payment of any drafts drawn against the Letter of Credit requires that the draft be accompanied by beneficiary's signed statement on Hamilton County letterhead stating that North Connecticut Development Corporation has not performed or complied with the terms of the construction plan requirements of said project. The statement must also outline the specific deficiencies in construction.

All drafts must be marked, "Drawn under Standard Financial Corporation Letter of Credit No. 1291ENC2".

This credit is subject, so far as applicable, to "The Uniform Customs and Practice for Documentary Credits (2007 Revision), International Chamber of Commerce Publication No. 600."

This Letter of Credit is effective as of August 31, 2017 and shall expire on August 31, 2018, but such expiration date shall be automatically extended for a period of one year on August 31, 2018, and on each successive expiration date, unless a release is received from the Hamilton County Commissioners or we notify both the Hamilton County Commissioners and North Connecticut Development Corporation by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the



current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Hamilton County Commissioners as shown on the signed return receipt.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the main office of Standard Financial Corporation, 13578 E. 131st Street, Suite 200, Fishers, IN 46037.

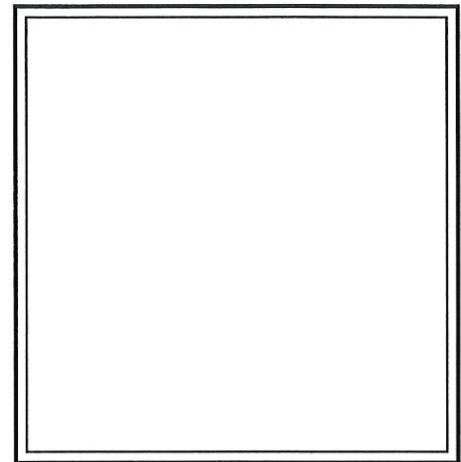
Sincerely,

STANDARD FINANCIAL CORPORATION



Authorized Signature

Eric Roof, Treasurer
Name and Title



This Letter of Credit is not valid unless the seal of Standard Financial Corporation is affixed hereto.



SEP 06 2017

August 31, 2017

H03-2017-00048 OFFICE OF HAMILTON COUNTY SURVEYOR
Irrevocable Letter of Credit No.: 1289ENC2

TO: Hamilton County Commissioners
1 Hamilton County Square, Suite 157
Noblesville, IN 46060

To Whom It May Concern:

We hereby authorize you to value on us for the account of:

Developer Name: North Connecticut Development Corporation
Developer Address: 3150 Republic Blvd. N, #3
Toledo, OH 43615

For a sum or sums in United States of America Dollars not to exceed the aggregate total of **Thirty-Six Thousand One Hundred Twenty-Three and 48/100 Dollars (\$36,123.48)** by your draft(s) at sight.

The purpose of this Letter of Credit is for the performance of the installation of erosion control in Enclave at Vermillion, Section 2.

The condition for payment of any drafts drawn against the Letter of Credit requires that the draft be accompanied by beneficiary's signed statement on Hamilton County letterhead stating that North Connecticut Development Corporation has not performed or complied with the terms of the construction plan requirements of said project. The statement must also outline the specific deficiencies in construction.

All drafts must be marked, "Drawn under Standard Financial Corporation Letter of Credit No. 1289ENC2".

This credit is subject, so far as applicable, to "The Uniform Customs and Practice for Documentary Credits (2007 Revision), International Chamber of Commerce Publication No. 600."

This Letter of Credit is effective as of August 31, 2017 and shall expire on August 31, 2018, but such expiration date shall be automatically extended for a period of one year on August 31, 2018, and on each successive expiration date, unless a release is received from the Hamilton County Commissioners or we notify both the Hamilton County Commissioners and North Connecticut Development Corporation by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the

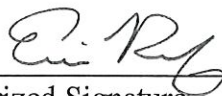


current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Hamilton County Commissioners as shown on the signed return receipt.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the main office of Standard Financial Corporation, 13578 E. 131st Street, Suite 200, Fishers, IN 46037.

Sincerely,

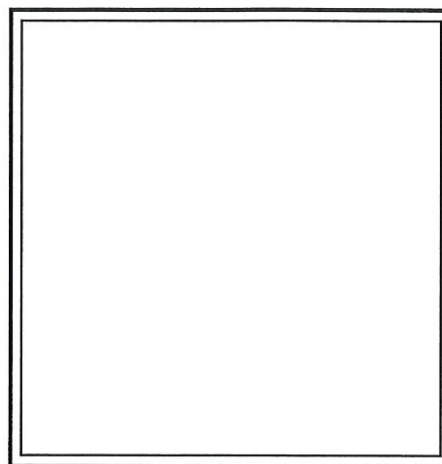
STANDARD FINANCIAL CORPORATION



Authorized Signature

Eric Roof, Treasurer

Name and Title



This Letter of Credit is not valid unless the seal of Standard Financial Corporation is affixed hereto.

SEP 06 2017



August 31, 2017

OFFICE OF HAMILTON COUNTY SURVEYOR

HCDB-2017-00047

Irrevocable Letter of Credit No.: 1290ENC2

TO: Hamilton County Commissioners
1 Hamilton County Square, Suite 157
Noblesville, IN 46060

To Whom It May Concern:

We hereby authorize you to value on us for the account of:

Developer Name: North Connecticut Development Corporation
Developer Address: 3150 Republic Blvd. N, #3
Toledo, OH 43615

For a sum or sums in United States of America Dollars not to exceed the aggregate total of **Three Thousand Nine Hundred Twelve and 00/100 Dollars (\$3,912.00)** by your draft(s) at sight.

The purpose of this Letter of Credit is for the performance of the installation of monumentation in Enclave at Vermillion, Section 2.

The condition for payment of any drafts drawn against the Letter of Credit requires that the draft be accompanied by beneficiary's signed statement on Hamilton County letterhead stating that North Connecticut Development Corporation has not performed or complied with the terms of the construction plan requirements of said project. The statement must also outline the specific deficiencies in construction.

All drafts must be marked, "Drawn under Standard Financial Corporation Letter of Credit No. 1290ENC2".

This credit is subject, so far as applicable, to "The Uniform Customs and Practice for Documentary Credits (2007 Revision), International Chamber of Commerce Publication No. 600."

This Letter of Credit is effective as of August 31, 2017 and shall expire on August 31, 2018, but such expiration date shall be automatically extended for a period of one year on August 31, 2018, and on each successive expiration date, unless a release is received from the Hamilton County Commissioners or we notify both the Hamilton County Commissioners and North Connecticut Development Corporation by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the

current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Hamilton County Commissioners as shown on the signed return receipt.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the main office of Standard Financial Corporation, 13578 E. 131st Street, Suite 200, Fishers, IN 46037.

Sincerely,

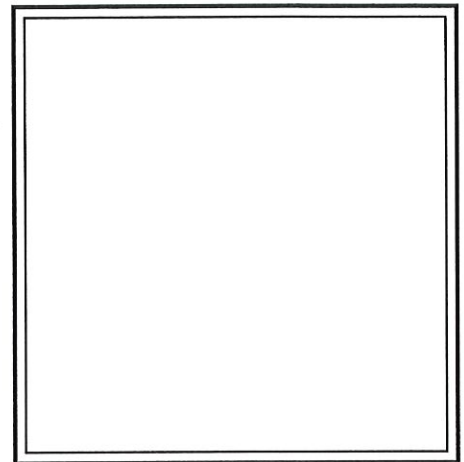
STANDARD FINANCIAL CORPORATION



Authorized Signature

Eric Roof, Treasurer

Name and Title



This Letter of Credit is not valid unless the seal of Standard Financial Corporation is affixed hereto.

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Vermillion Drain, The Enclave at Vermillion Section 2 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Vermillion Drain, The Enclave at Vermillion Section 2 Arm** on **June 25, 2018** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made 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

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Vermillion Drain, The Enclave at Vermillion Section 2 Arm

NOTICE

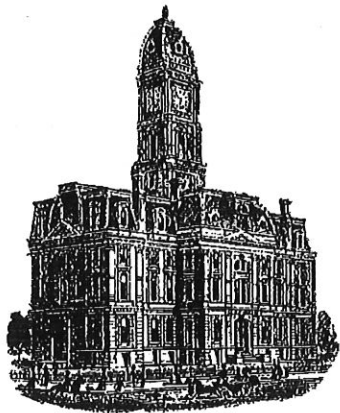
Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **June 25, 2018** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

KCW



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

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

To: Hamilton County Drainage Board

July 16, 2020

Re: Vermillion Drain: The Enclave at Vermillion Sec. 2

Attached are as-built, certificate of completion & compliance, and other information for The Enclave at Vermillion Sec. 2. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

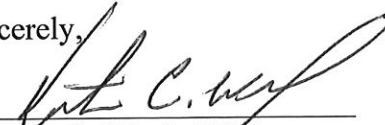
During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated April 22, 2018. The report was approved by the Board at the hearing held June 25, 2018. (See Drainage Board Minutes Book 18, Pages 182-183)
The changes are as follows: the 12" RCP was shortened from 486 feet to 485 feet. The 15" RCP was lengthened from 271 feet to 282 feet. The 24" RCP was lengthened from 185 feet to 186 feet. The 30" RCP was lengthened from 281 feet to 283 feet. The 6" SSD was shortened from 2,314 feet to 2,283 feet. The length of the drain due to the changes described above is now **3,519 feet**.

The non-enforcement was approved by the Board at its meeting on June 28, 2018 and recorded under instrument #2020000404. The following sureties were guaranteed by Standard Financial Corporation and released by the Board on its July 13, 2020 meeting.

Bond-LC No: 1291ENC2
Amount: \$174,322.50
For: Storm Sewers
Issue Date: August 31, 2017

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: *The Enclave at Vermillion Section 2*

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: *JE Trtan* Date: 7/16/2018

Type or Print Name: Joseph Trtan

Business Address: 10505 College Ave

Indianapolis, IN 46280

Telephone Number: 317 846-6611



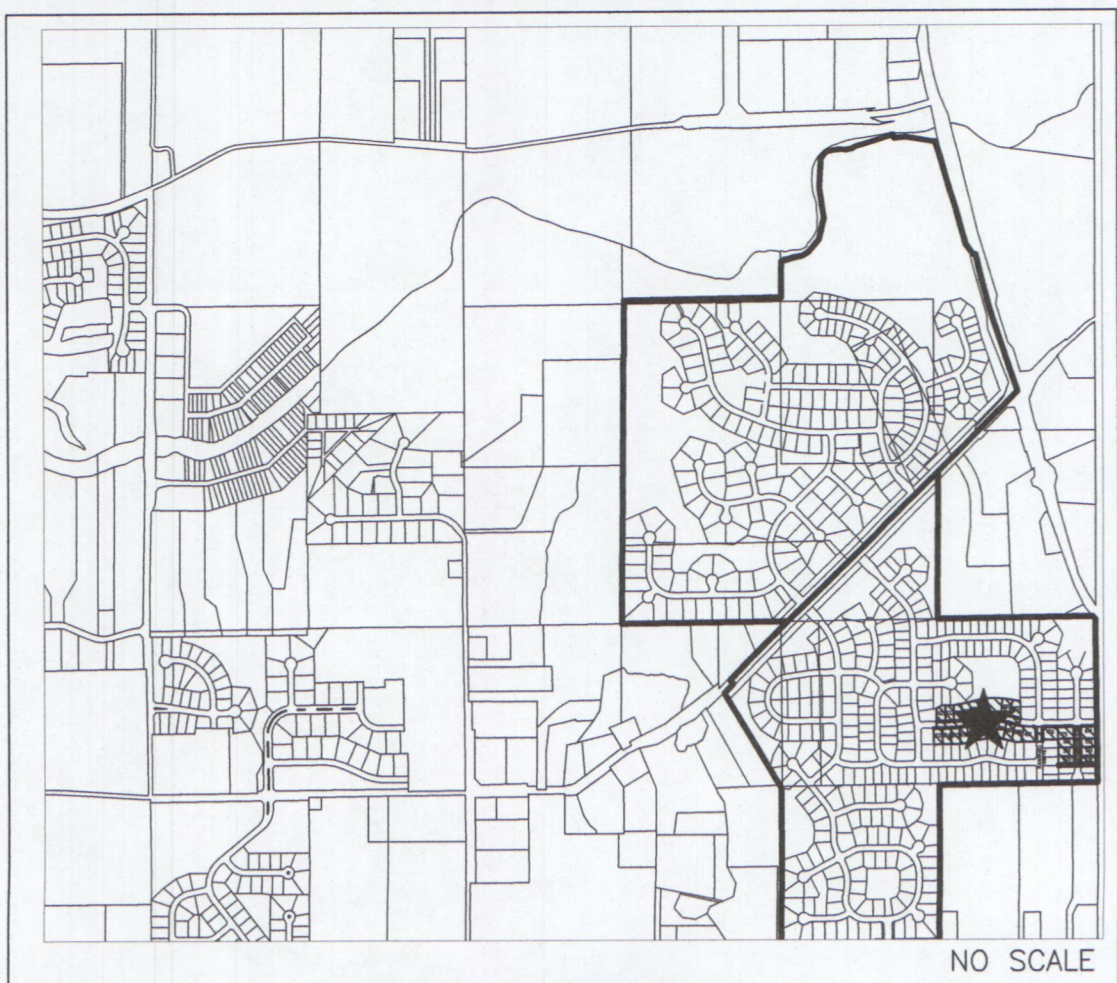
INDIANA REGISTRATION NUMBER

LS21500003

FILED

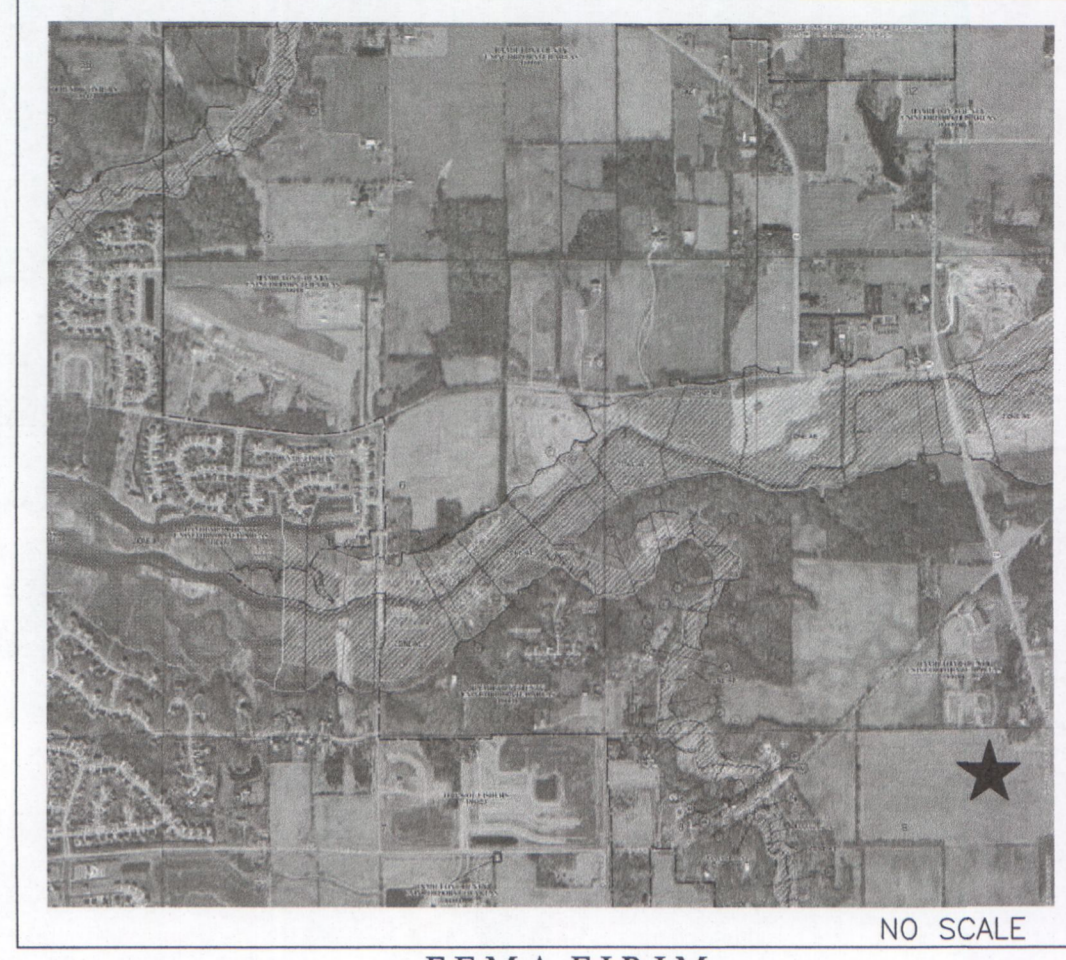
JUL 16 2018

OFFICE OF HAMILTON COUNTY SURVEYOR



AREA LOCATION MAP
NO SCALE

RECORD CONSTRUCTION DRAWINGS *THE ENCLAVE AT VERMILLION* *SECTION TWO* FALL CREEK TOWNSHIP, FORTVILLE, IN 46040



F.E.M.A. F.I.R.I.M.
NO SCALE

GENERAL NOTES

- 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
- 2) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION
- 3) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- 4) ALL QUANTITIES GIVEN ON THESE PRINTS ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- 5) OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART 'P' APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- 6) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- 7) THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT.
- 8) ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- 9) THE SITE DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY - NATIONAL FLOOD INSURANCE PROGRAM, WHEN PLOTTED BY SCALE ON FLOOD INSURANCE RATE MAP #18057C0259G AND 18057C0276G, NOVEMBER 19, 2014.
- 10) BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAT FOR EXACT INFORMATION.
- 11) THIS SITE DOES CONTAIN WETLANDS AS SHOWN ON THE U.S. DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE, FORTVILLE, INDIANA, NATIONAL WETLANDS INVENTORY MAP. NO WETLANDS ARE IMPACTED BY THIS DEVELOPMENT.
- 12) DESIGN PROFESSIONAL CERTIFYING PLANS FOR THE PROJECT ACKNOWLEDGES THEIR PROFESSIONAL RESPONSIBILITY FOR ENSURING THAT ALL WORK IS CORRECT, ACCURATE AND COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF AN ERROR OR OMISSION IS FOUND, THE DESIGN PROFESSIONAL ACCEPTS FULL RESPONSIBILITY AND SHALL DETERMINE A SOLUTION THAT COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF SUCH AN ERROR OR OMISSION IS FOUND, THE DEVELOPER IS NOT RELIEVED OF COMPLYING WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES.
- 13) ALL WATER MAIN, HYDRANTS, AND WATER VALVES SHALL BE INSPECTED AND SHALL COMPLY WITH BACKFILL, BEDDING, AND THRUST BLOCK REQUIREMENTS PER TOWN OF FORTVILLE UTILITY STREET STANDARDS.
- 14) THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA REQUIREMENTS, SHALL BE PROWAG COMPLIANT AND MEET ALL CURRENT INDOT STANDARD SPECIFICATIONS.
- 15) A ROAD CUT WILL NOT BE PERMITTED FOR ANY UTILITY AFTER A PROOF ROLL HAS BEEN COMPLETED. PRIOR TO A PROOF ROLL, ANY UTILITY PLACED WITHIN THE LIMITS OF THE ROADWAY SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND COMPACTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

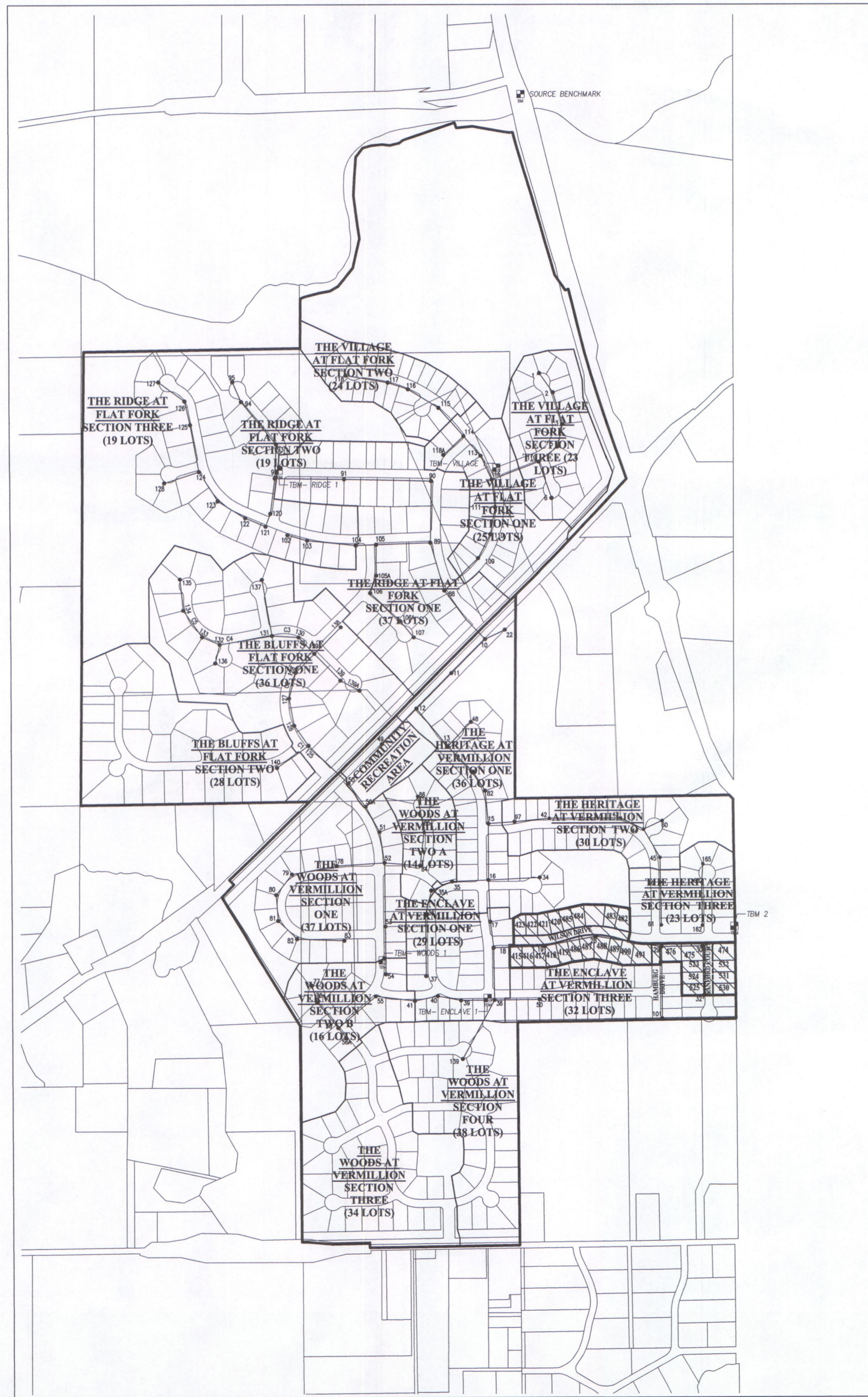
BENCHMARK INFORMATION

- SOURCE BENCHMARK**
HSE 38
A BRONZE DISK STAMPED "HAMILTON COUNTY GEODETIC CONTROL" SET IN THE NORTH END OF THE EAST CONCRETE HANDRAIL ON THE BRIDGE OVER FALL CREEK ON SOUTHEASTERN PARKWAY SOUTH OF 113TH STREET.
N=1714311.26
E=271886.09
EL=809.14 (NAVD 88)
- TBM 2**
RAILROAD SPIKE SET IN THE WEST SIDE OF A UTILITY POLE LOCATED APPROXIMATELY 784' SOUTH OF THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-117N-R6E.
N=1709400
E=273165
EL=864.60 (NAVD 88)
- TBM - WOODS 1**
MAG NAIL SET WITH WASHER IN THE CURB ON THE EAST SIDE OF VERMILLION DRIVE, APPROXIMATELY 12' +/- SOUTH OF THE STORM INLET AT THE SOUTHWEST CORNER OF LOT 252 IN THE WOODS AT VERMILLION - SECTION ONE
N=1709211.04
E=271032.69
EL=861.40 (NAVD 88)
- TBM - RIDGE 1**
MAG NAIL SET WITH WASHER IN THE WALK ON THE WEST SIDE OF PORTAGE WOODS DRIVE, APPROXIMATELY 5' +/- NORTH AND 19' +/- WEST OF THE CENTERLINE INTERSECTION OF PORTAGE WOODS DRIVE AND HUNTING MEADOW DRIVE IN THE RIDGE AT FLAT FORK - SECTION ONE
N=1712098.06
E=270413.43
EL=855.69 (NAVD 88)
- TBM - ENCLAVE 1**
MAG NAIL SET IN THE WALK AT THE SOUTH SIDE OF DOMINION DRIVE AND KENSINGTON LANE, APPROXIMATELY 23' +/- SOUTH OF THE CENTERLINE OF DOMINION DRIVE AND 6' +/- WEST OF THE CENTERLINE OF KENSINGTON LANE IN THE ENCLAVE AT VERMILLION - SECTION ONE
N=1708822.08
E=271671.65
EL=862.36 (NAVD 88)
- TBM - VILLAGE 1**
MAG NAIL SET IN THE WALK AT THE NORTHEAST CORNER OF CLIFFSIDE DRIVE AND BUCK RIDGE LANE, APPROXIMATELY 24' +/- NORTH OF THE CENTERLINE OF BUCK RIDGE LANE AND 21' +/- EAST OF THE CENTERLINE OF CLIFFSIDE DRIVE IN THE VILLAGE AT FLAT FORK - SECTION ONE
N=1712107.84
E=271734.52
EL=857.24 (NAVD 88)

NOTE:
THE ABOVE BENCHMARKS ARE
LABELED AND MARKED ON THE
SITE MAP (RIGHT).

OPERATING AUTHORITIES:

<p>FISHERS DEPARTMENT OF COMMUNITY DEVELOPMENT ONE MUNICIPAL DRIVE FISHERS, IN 46038 317-595-3126 ATTN: CALEB GUTSHALL</p> <p>SAMCO/ HSE UTILITIES 11901 LAKESIDE DRIVE FISHERS, IN 46038 317-577-1150 ATTN: THOMAS KALLIO</p> <p>NINESTAR CONNECT (POWER) 2243 EAST MAIN STREET GREENFIELD, IN 46140 317-323-2087 ATTN: JOHN SPLATTER</p> <p>VECTREN 16000 ALLISONVILLE ROAD NOBLESVILLE, IN 46061 317-776-5532 ATTN: JOANIE CLARK</p>	<p>FORTVILLE WATER 714 E. BROADWAY ST. FORTVILLE, IN 46040 317-485-4044 ATTN: JOE RENNER</p> <p>NINESTAR CONNECT (TELEPHONE) P.O. BOX 108 MAXWELL, IN 46154 317-323-2078 ATTN: GEORGE PLUSINKI</p> <p>EMBARQ/ CENTURY LINK 50 NORTH JACKSON STREET FRANKLIN, IN 46131 317-736-4863 ATTN: DAVID MEYERS</p> <p>COMCAST 5330 E. 65TH STREET INDIANAPOLIS, IN 46220 317-774-3384 ATTN: MATT STRINGER</p>	<p>HAMILTON COUNTY HIGHWAY DEPARTMENT 1700 S. 10TH STREET NOBLESVILLE, IN 46060 317-773-7770 ATTN: DAVID LUCAS</p> <p>TRIAD ASSOCIATES 5835 LAWTON LOOP EAST DRIVE INDIANAPOLIS, IN 46216 317-377-5230 ATTN: DICK MOSIER</p> <p>HAMILTON COUNTY SURVEYOR ONE HAMILTON COUNTY SQUARE, SUITE 188 NOBLESVILLE, INDIANA 46060 317-776-8495 ATTN: STEVE CASH</p>
---	--	---



SITE MAP

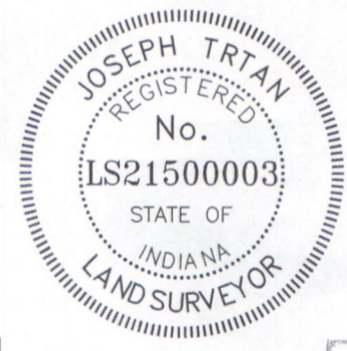
SHEET INDEX

SHEET NO.	DESCRIPTION
C001	TITLE SHEET
C100	EXISTING CONDITIONS / DEMOLITION PLAN
C200	STORMWATER POLLUTION PREVENTION PLAN PHASE 1
C201	STORMWATER POLLUTION PREVENTION PLAN PHASE 2
C202	OFFSITE STORMWATER POLLUTION PREVENTION PLAN PHASE 2
C203-C204	STORMWATER POLLUTION PREVENTION DETAILS & SPECS.
C300	DEVELOPMENT PLAN
C301	OFFSITE DEVELOPMENT PLAN
C302	PONDING LIMITS/FLOOD ROUTING PLAN
C400-C401	STREET PLAN & PROFILE/INTERSECTION DETAIL
C402-405	STREET DETAILS & SPECIFICATIONS
C406	TRAFFIC CONTROL/SIGNAGE/STREET LIGHT/GUMP PLAN
C500-C501	SANITARY SEWER PLAN & PROFILE
C502-C504	SANITARY SEWER DETAILS & SPECIFICATIONS
C600-C601	STORM SEWER PLAN & PROFILE
C602-C603	STORM SEWER DETAILS
C700	WATER MAIN PLAN
C704-C703	WATER MAIN DETAILS/SPECIFICATIONS
L100	LANDSCAPE PLAN

RECORD DRAWING
07/05/2018

Joe Trtan
JOSEPH TRTAN, LS21500003

DATE OF LAST FIELDWORK: 06/18/2018



STREET DATA

STREET LENGTHS:	
HAMBURG DRIVE	119.69 L.F.±
WILSON DRIVE	705.62 L.F.±
SANFORD COURT	310.00 L.F.±
TOTAL	1,135.31 L.F.±

NOTE: DESIGN SPEED FOR ALL INTERIOR ROADS SHALL BE 25 MPH.

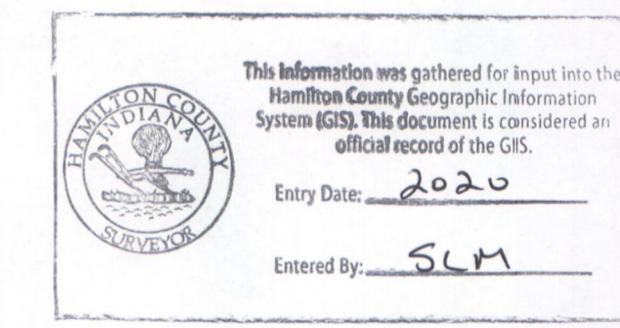
SITE AREA:	
SITE	8.40 AC.±
LOTS	28

PLANS PREPARED FOR

REPUBLIC DEVELOPMENT
NORTH CONNECTICUT DEVELOPMENT CORP.
13578 EAST 131ST STREET, SUITE 200
FISHERS, IN 46037
TELEPHONE: 317-770-1818
CONTACT PERSON: DOUG WAGNER

PLANS PREPARED BY

WEIHE ENGINEERS, INC.
10505 N. COLLEGE AVE.
INDIANAPOLIS, IN 46280
(317) 846-6611
CONTACT PERSON: ALVIN (RUSTY) SKOOG



NOTE:
THE HAMILTON COUNTY SURVEYOR'S OFFICE,
HAMILTON COUNTY HIGHWAY DEPARTMENT, HSE
UTILITIES, AND FORTVILLE WATER STANDARDS
SHALL BE INCORPORATED BY REFERENCE INTO
THESE PLANS.

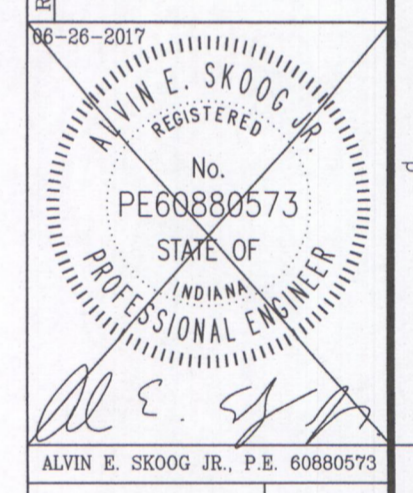


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Within Indiana Call
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24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 /fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

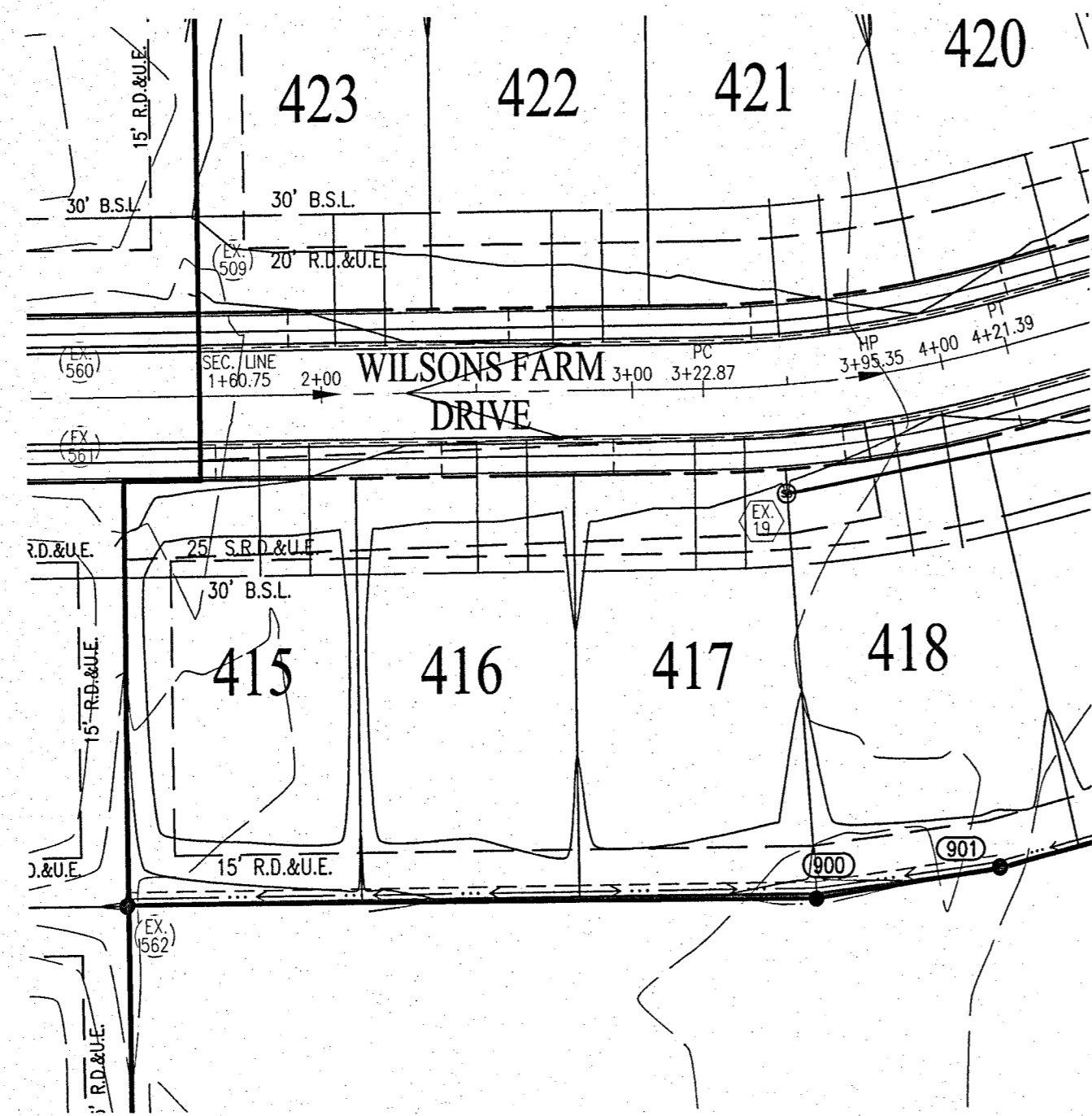
PROJECT NO.	W150302-2
DWG. NAME	001 Title Sheet.dwg
DESIGNED BY	MEAN
DRAWN BY	MEAN
CHECKED BY	ACS
DATE	06-26-2017



PREPARED FOR:
THE ENCLAVE AT VERMILLION
SECTION TWO
NORTH CONNECTICUT DEVELOPMENT CORP.
TITLE SHEET
Part of the S28E 1/4 of Section 15, Township 17 North, Range 6 East, Paul Creek Township, Hamilton County, Indiana

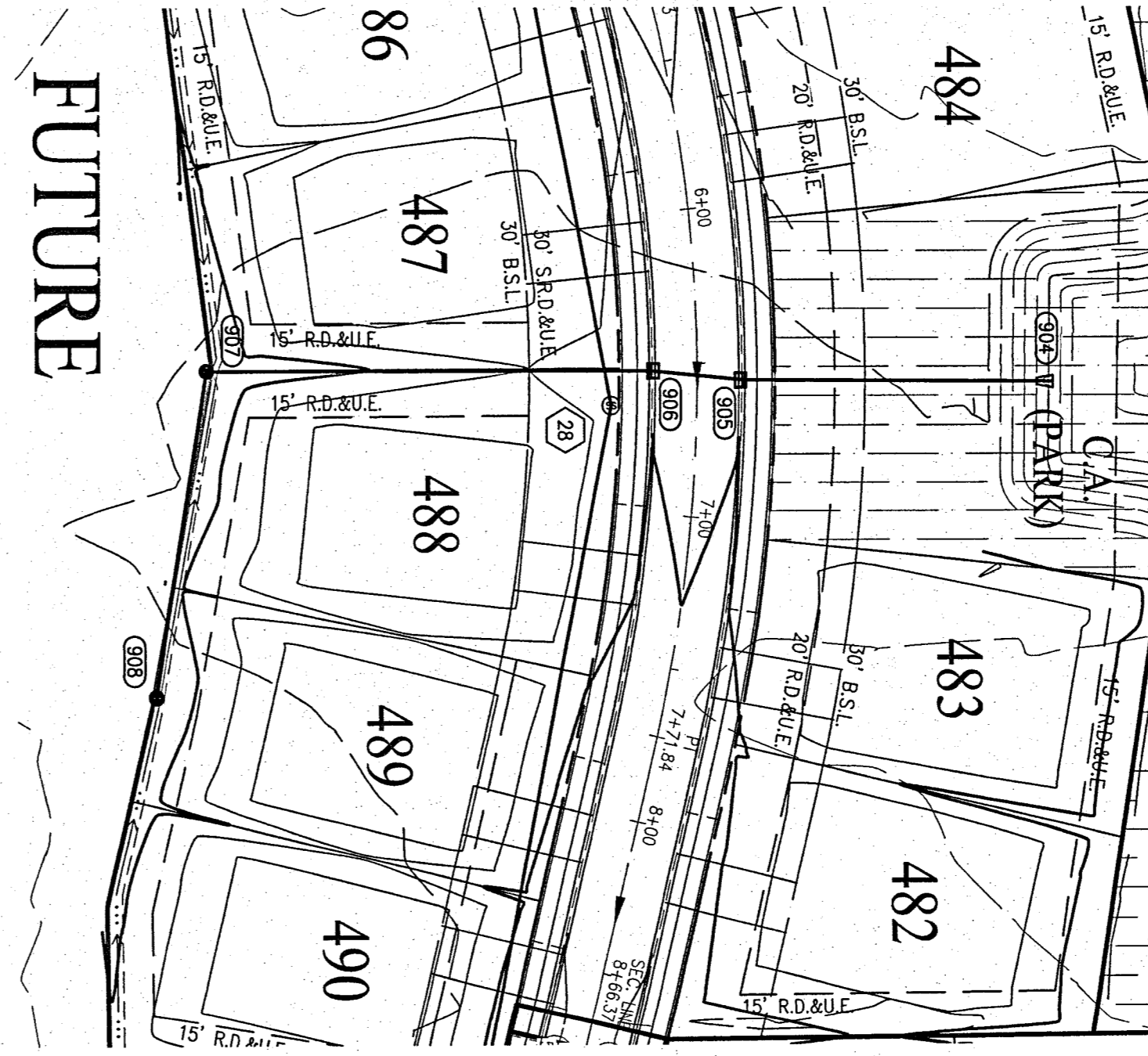
SHEET NO.
C001
PROJECT NO.
W150302-2

LOCATION: H:\2015\W150302\Section 2\Engineering\dwg\001_title_sheet.dwg
 LAYOUT: C001_05_2018 - 8/26/18
 PLOTTED BY: PaulH



BENCHMARK INFORMATION

- SOURCE BENCHMARK**
 HSE 38
 A BRONZE DISK STAMPED "HAMILTON COUNTY GEODETIC CONTROL" SET IN THE NORTH END OF THE EAST CONCRETE HANDRAIL ON THE BRIDGE OVER FALL CREEK ON SOUTHEASTERN PARKWAY SOUTH OF 113TH STREET.
 N=1744311.26
 E=271886.09
 EL=809.14 (NAVD 88)
- TBM 2**
 RAILROAD SPIKE SET IN THE WEST SIDE OF A UTILITY POLE LOCATED APPROXIMATELY 78' SOUTH OF THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-T17N-R6E.
 N=1709400
 E=273165
 EL=864.60 (NAVD 88)
- TBM - WOODS 1**
 MAG NAIL SET WITH WASHER IN THE CURB ON THE EAST SIDE OF VERMILLION DRIVE, APPROXIMATELY 12' +/- SOUTH OF THE STORM INLET AT THE SOUTHWEST CORNER OF LOT 252 IN THE WOODS AT VERMILLION - SECTION ONE
 N=1709211.04
 E=271032.89
 EL=861.40 (NAVD 88)
- TBM - RIDGE 1**
 MAG NAIL SET WITH WASHER IN THE WALK ON THE WEST SIDE OF PORTAGE WOODS DRIVE, APPROXIMATELY 5' +/- NORTH AND 15' +/- WEST OF THE CENTERLINE INTERSECTION OF PORTAGE WOODS DRIVE AND HUNTING MEADOW DRIVE IN THE RIDGE AT FLAT FORK - SECTION ONE
 N=1712098.06
 E=2720413.43
 EL=855.66 (NAVD 88)
- TBM - ENCLAVE 1**
 MAG NAIL SET IN THE WALK AT THE SOUTH SIDE OF DOMINION DRIVE AND KENSINGTON LANE, APPROXIMATELY 23' +/- SOUTH OF THE CENTERLINE OF DOMINION DRIVE AND 8' +/- WEST OF THE CENTERLINE OF KENSINGTON LANE IN THE ENCLAVE AT VERMILLION - SECTION ONE
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 EL=862.36 (NAVD 88)
- TBM - VILLAGE 1**
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 N=1712107.64
 E=271734.52
 EL=857.24 (NAVD 88)



RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 07/05/2018

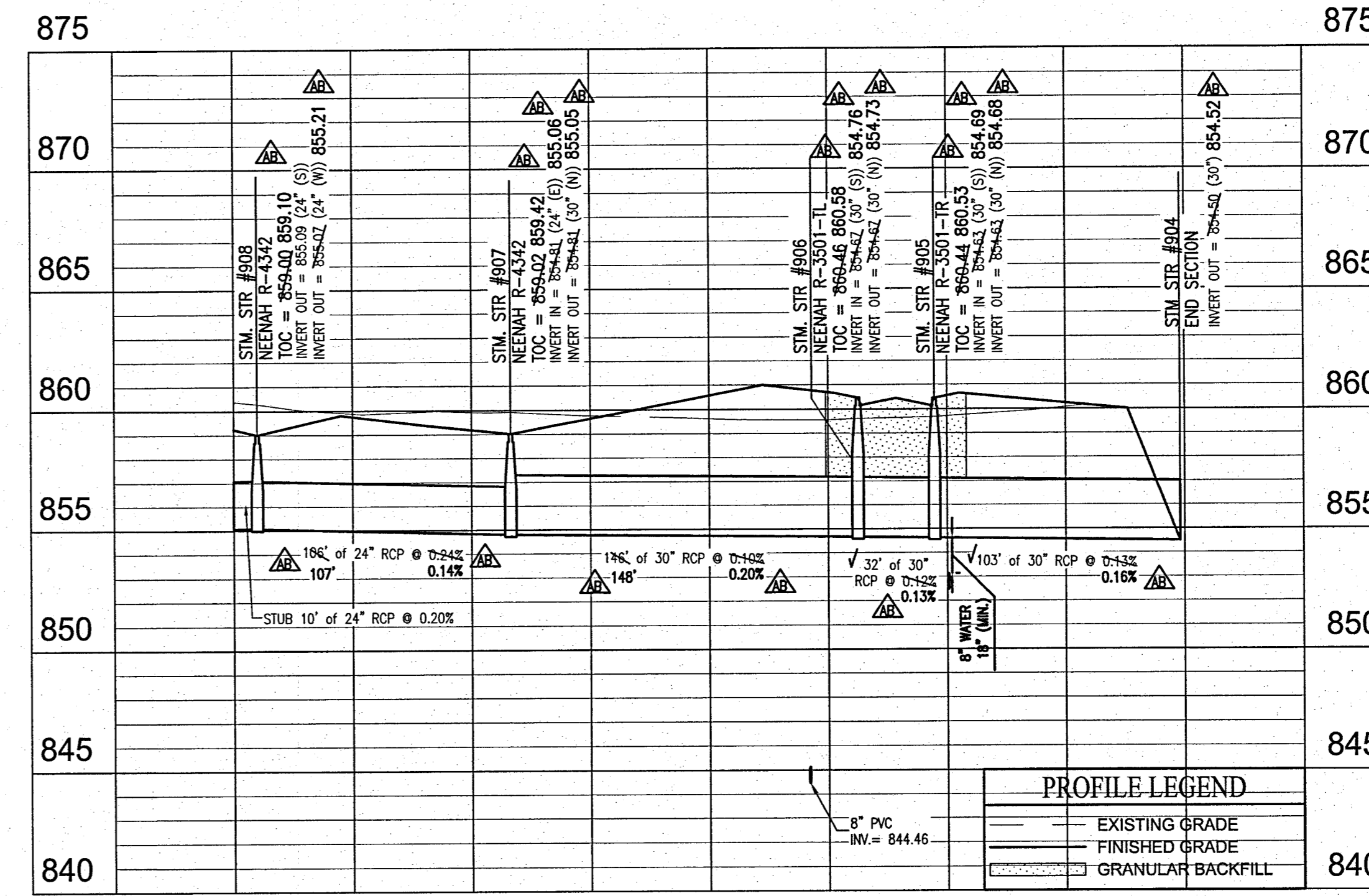
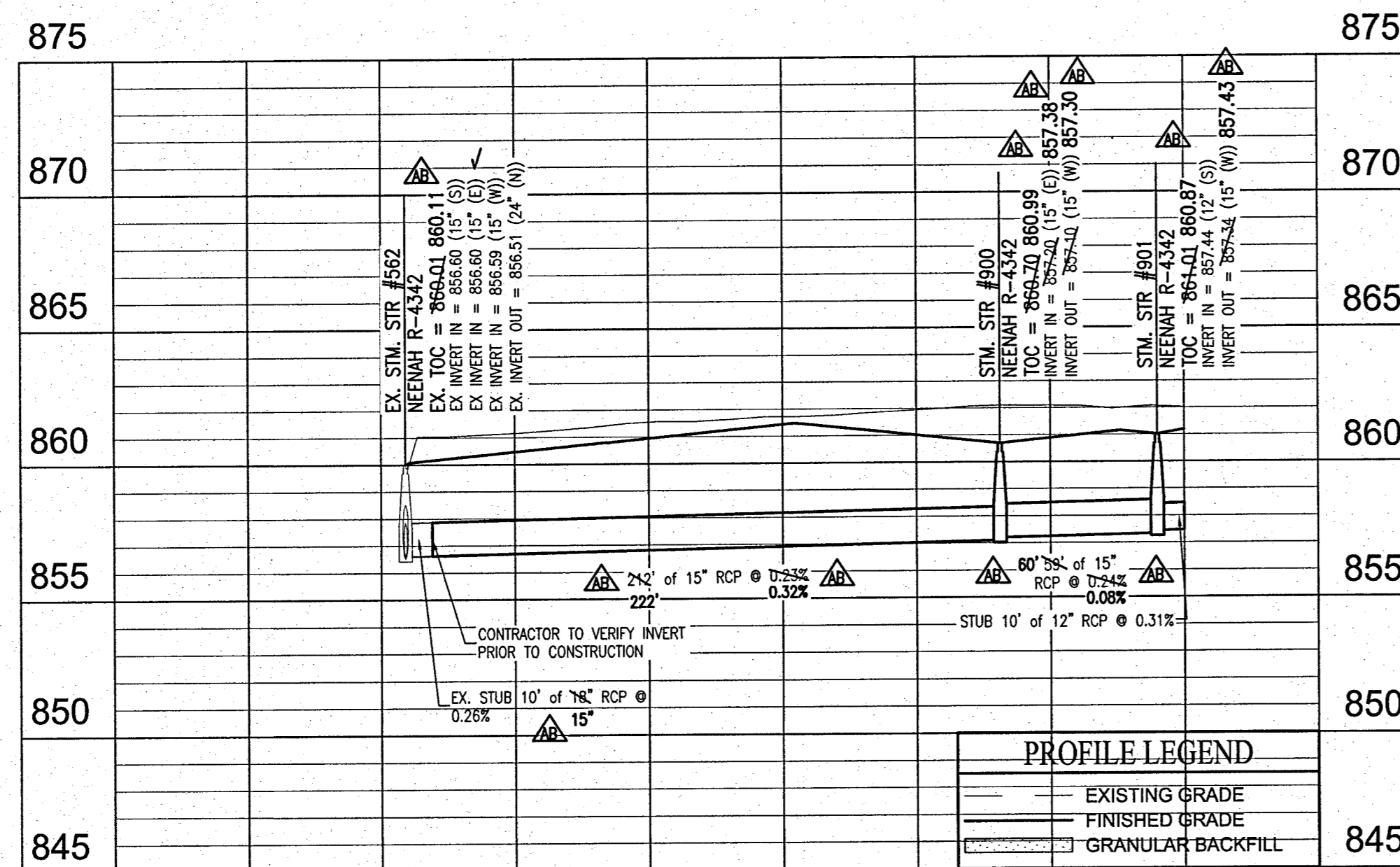
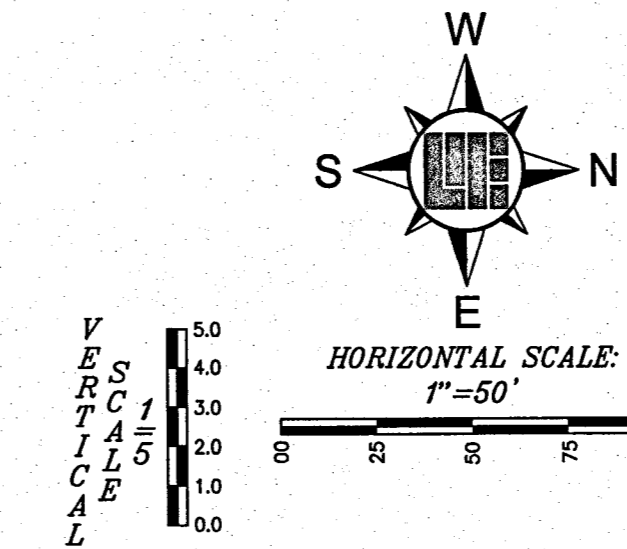
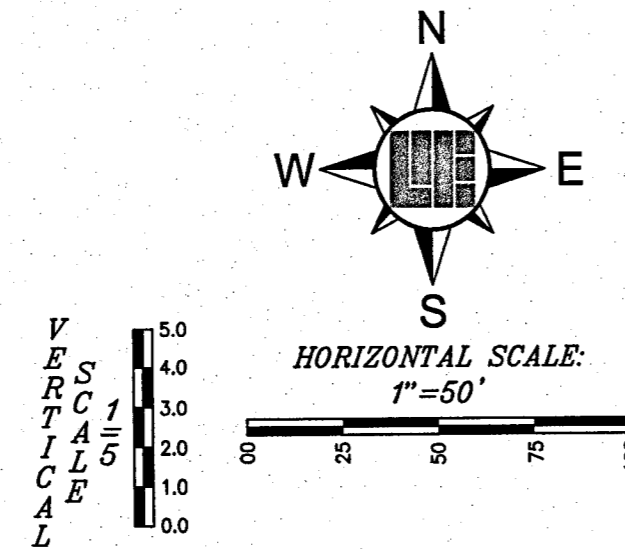
JOSEPH TRTAN, LS21500003



- ASBUILT INFORMATION
- BUILT AS PLANNED

DATE OF LAST FIELDWORK: 06/18/2018

NOTE:
 EXCEPT FOR FORCE MAINS, CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES AND STORM SEWERS IS 18" OR LESS.



PROFILE LEGEND
 - - - - - EXISTING GRADE
 - - - - - FINISHED GRADE
 - - - - - GRANULAR BACKFILL

STORM SEWER NOTES

- THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND STORMWATER POLLUTION PREVENTION PLAN.
- REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
- THE CONTRACTOR SHALL CONTACT APPLICABLE STATE UNDERGROUND LOCATION SERVICE AT LEAST 72 HOURS PRIOR TO ANY WORK AND SHALL CONTACT THE OWNER AND/OR ENGINEER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. WITHIN THE CONSTRUCTION LIMITS. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES.
- ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
- ANY PART OF STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES, STRUCTURES, PIPES, PAVEMENTS, ETC. AS RELATED TO THEIR WORK. NOTIFY ENGINEER OF ANY CONFLICT AND/OR DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS.
- CLEARANCE BETWEEN STORM / SANITARY SEWER SYSTEMS AND DOMESTIC/FIRE LINE SERVICE, SHALL MAINTAIN 10' HORIZONTAL AND 18" VERTICAL.
- CONTRACTOR TO INSTALL CONCRETE CRADLES AT PIPE CROSSING WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWERS, WATER MAINS AND STORM SEWERS IS 18" OR LESS.
- SANITARY SEWER LINE IN PROXIMITY OF WATER LINE SHALL BE C900 WATER MAIN GRADE PVC.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO ITS CONDITION PRIOR TO CONSTRUCTION.
- WHEN PERFORMING EXCAVATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.
- COMPACTED "B" BORROW BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
- ALL UTILITY STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS.
- COORDINATE LOCATIONS AND CONNECTIONS OF BUILDING STORM LINES WITH PLUMBING DRAWINGS.
- FOLLOW ALL LOCAL AND STATE CODES IN REFERENCE TO STORM SEWER INSTALLATION.
- ALL EXISTING MANHOLE AND CATCH BASIN GRATES SHALL BE ADJUSTED TO NEW FINISH GRADE ELEVATIONS.
- EXISTING PIPES WITHIN CONSTRUCTION LIMITS ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- ALL STORM PIPE CONNECTIONS AT STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM SEWER STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS RATED FOR H20 LOADING.
- ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR CHANNEL FROM INVERT IN TO INVERT OUT.
- NEW PIPES AND STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS PRIOR TO FINAL TURNOVER TO THE OWNER.
- IF HDPE PIPE IS SPECIFIED USE DUAL WALLED, HANGOR HQ, ADS N-12 PIPE OR APPROVED EQUAL.
- ALL FITTINGS AND ACCESSORIES INCLUDING BUT NOT LIMITED TO END CAPS, CLEANOUTS, REDUCERS, ETC., SHALL BE HDPE MATERIAL, IF SPECIFIED, COMPARABLE WITH STORAGE PIPES.
- PROVIDE BACKFILL WITH A MINIMUM OF 4" BEDDING MATERIAL OF #8 AGGREGATE COMPACTED IN 8" LIFTS TO 95% MAXIMUM DRY DENSITY.
- VERIFY EXISTING STORM INVERT ELEVATIONS PRIOR TO STARTING NEW STORM SEWER CONNECTION.

This information was gathered for input into the Hamilton County Geographic Information System (GIS) and is the official record of the G.I.S. Entry Date: 07/05/2018 Entered By: JLM



Within Indiana Call 811 or 800-382-5544 24 Hours a Day, 7 Days a Week
 PER INDIANA STATE LAW IC 8-1-26, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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 Indianapolis, Indiana 46280
 weihe.net
 317 | 846 - 6611
 317 | 452 - 6408
 317 | 843 - 0546 fax

ALLAN H. WEIHE, P.E., L.S., F.OUNDER

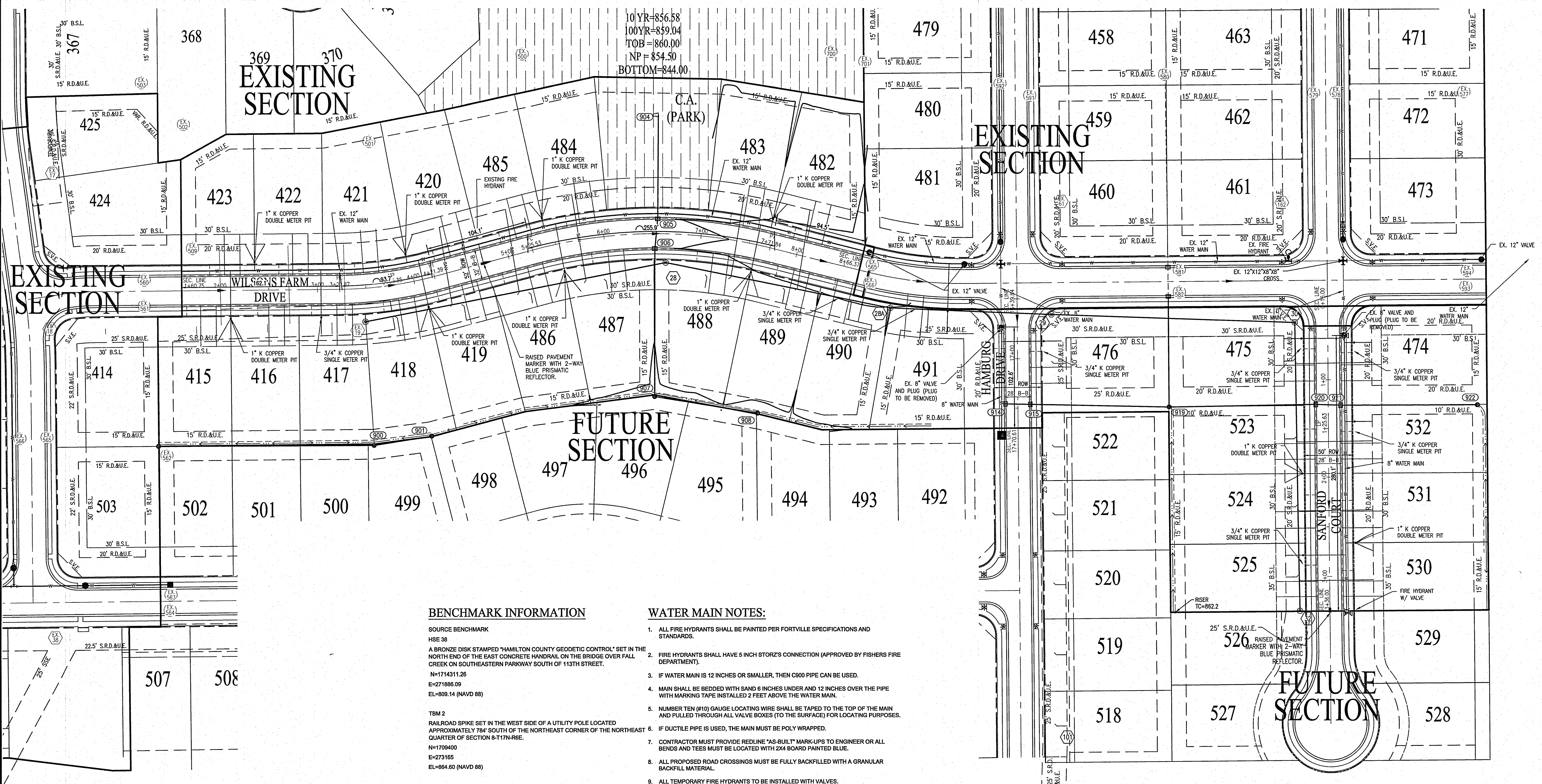
PROJECT NO. W150302-2

DATE: 06-26-2017

ALVIN E. SKOOG JR., P.E. 60808073

THE ENCLAVE AT VERMILLION SECTION TWO
 NORTH CONNECTICUT DEVELOPMENT CORP.
 STORM SEWER PLAN & PROFILE

Part of the 37.58 1/4 of Section 16, Township 17 North, Range 6 East, 1st East Township, Hamilton County, Indiana



10 YR=856.58
100YR=859.04
TOB=860.00
NP=854.50
BOTTOM=844.00

BENCHMARK INFORMATION

SOURCE BENCHMARK
HSE 38
A BRONZE DISK STAMPED 'HAMILTON COUNTY GEODETIC CONTROL' SET IN THE NORTH END OF THE EAST CONCRETE HANDRAIL ON THE BRIDGE OVER FALL CREEK ON SOUTHEASTERN PARKWAY SOUTH OF 113TH STREET.
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EL=809.14 (NAVD 88)

TBM 2
RAILROAD SPIKE SET IN THE WEST SIDE OF A UTILITY POLE LOCATED APPROXIMATELY 78' SOUTH OF THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-T17N-R6E.
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EL=884.60 (NAVD 88)

TBM - WOODS 1
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E=271032.69
EL=861.40 (NAVD 88)

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EL=862.36 (NAVD 88)

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N=1712107.64
E=271734.52
EL=857.24 (NAVD 88)

WATER MAIN NOTES:

- ALL FIRE HYDRANTS SHALL BE PAINTED PER FORTVILLE SPECIFICATIONS AND STANDARDS.
- FIRE HYDRANTS SHALL HAVE 5 INCH STORZ'S CONNECTION (APPROVED BY FISHERS FIRE DEPARTMENT).
- IF WATER MAIN IS 12 INCHES OR SMALLER, THEN C900 PIPE CAN BE USED.
- MAIN SHALL BE BEDDED WITH SAND 6 INCHES UNDER AND 12 INCHES OVER THE PIPE WITH MARKING TAPE INSTALLED 2 FEET ABOVE THE WATER MAIN.
- NUMBER TEN (#10) GAUGE LOCATING WIRE SHALL BE TAPED TO THE TOP OF THE MAIN AND PULLED THROUGH ALL VALVE BOXES (TO THE SURFACE) FOR LOCATING PURPOSES.
- IF DUCTILE PIPE IS USED, THE MAIN MUST BE POLY WRAPPED.
- CONTRACTOR MUST PROVIDE REDLINE 'AS-BUILT' MARK-UPS TO ENGINEER OR ALL BENDS AND TEES MUST BE LOCATED WITH 2X4 BOARD PAINTED BLUE.
- ALL PROPOSED ROAD CROSSINGS MUST BE FULLY BACKFILLED WITH A GRANULAR BACKFILL MATERIAL.
- ALL TEMPORARY FIRE HYDRANTS TO BE INSTALLED WITH VALVES.
- ALL VALVES MUST HAVE POSI-CAP INSTALLED AND HAVE STAINLESS STEEL STEMS.
- WATER MAIN MUST MEET CURRENT FORTVILLE WATER DETAILS AND SPECIFICATIONS.
- ALL WATER MAIN JOINTS TO BE RESTRAINED PER FORTVILLE WATER STANDARDS.
- WATER SERVICE LATERALS AND WATER METER PITS ARE SHOWN FOR LOCATION ONLY. WATER SERVICE LATERALS AND WATER METER PITS WILL BE INSTALLED BY THE HOME BUILDERS AT THE TIME OF THE HOUSE CONSTRUCTION.
- NO WATER VALVES ARE TO BE PLACED WITHIN THE LIMITS OF THE STREET.
- CONTRACTOR TO SUPPLY SHOP DRAWINGS TO THE TOWN OF FORTVILLE PRIOR TO CONSTRUCTION.
- INSTALLATION OF INDOT APPROVED SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL COMPLY WITH SECTIONS 800 & 900 OF THE MOST RECENT REVISION OF THE INDOT SPECIFICATIONS AND STANDARD DRAWINGS. UNDER NO CIRCUMSTANCE SHALL A REFLECTOR BE ATTACHED TO THE PAVEMENT SURFACE USING ONLY ADHESIVE.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 10'-0" OF SEPARATION BETWEEN THE MAIN AND SEWER STRUCTURES AND A MINIMUM OF 10'-0" OF SEPARATION BETWEEN WATER, SANITARY AND STORM PIPES.
- WATER TAP FEES WILL BE PAID AT THE TIME OF ACQUIRING THE BUILDING PERMIT.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 2020
Entered By: SLM

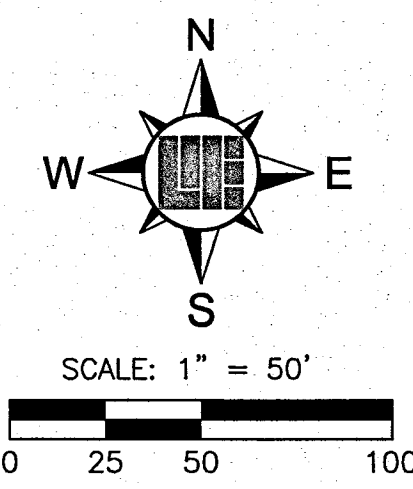
LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- EXISTING HYDRANT WITH HYDRANT VALVE
- HYDRANT WITH HYDRANT VALVE
- VALVE
- TEE
- CROSS
- REDUCER
- DUCTILE IRON PIPE
- 1" TYPE K COPPER OR POLY W/ DOUBLE METER PIT
- 3/4" TYPE K COPPER OR POLY W/ SINGLE METER PIT
- WATER LATERAL AS-BUILT LOCATION

RECORD DRAWING
WATER AS-BUILTS
WATER STRUCTURES ONLY
07/05/2018

JOSEPH TRIAN, LS21500003
STATE OF INDIANA
LAND SURVEYOR

NOTE:
WATER LATERAL STUBS TO BE INSTALLED WITH CONSTRUCTION OF THE HOUSE.



811
Know what's below.
Call before you dig.
Within Indiana Call
811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

PROJECT NO.: W150302-2
DWG NAME: AS-BUILT WATER MAINS
DESIGNED BY: JET
DRAWN BY: JET
CHECKED BY: AES
DATE: 05-26-2017

ALVIN E. SKOOG JR., P.E. 60860573
REGISTERED PROFESSIONAL ENGINEER
STATE OF INDIANA

THE ENCLAVE AT VERMILLION SECTION TWO
NORTH CONNECTICUT DEVELOPMENT CORP.
WATER PLAN

SHEET NO. **C700**
PROJECT NO. **W150302-2**

LOCATION: H:\2018\W150302\Section 2\Engineering\Map\Subarea\AS-Built\W150302-2-Water Plan.dwg
DATE/TIME: 05/05/2018 08:13:50
PLOTTER: HP DesignJet 5000