

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

February 1, 2017

To: Hamilton County Drainage Board

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

Attached is a petition filed by Beazer Homes Indiana LLP, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Vermillion Drain, The Heritage 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. The drain will consist of the following:

12" RCP	56 ft.	27" RCP	388 ft.
15" RCP	210 ft.	6" SSD	2,378 ft.
21" RCP	498 ft.	Open (ponds)	330 ft.
24" RCP	232 ft.	Open Ditch	390 ft.

The total length of the drain will be 4,482 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.

The detention ponds (Wet Pond #11 located in Common Area E and wet pond #12 located in Common Area B, Sec. 1) are to be considered part of the regulated drain. This is consistent with the ponds in other Vermillion sections. The maintenance of the ponds shall include the inlet and outlet as part of the regulated drain. The maintenance of the ponds 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, noted above, was begun with Sec. 1 with the final phase to be completed with Sec. 2.

The open ditch listed above is the open ditch which flows under Greenfield Avenue east of Common Area "E", this runs through said common area from east to west and exits at the north line of the common area.

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 1 will be \$2,055.50.

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: Capitol Indemnity Corporation  
Date: September 19, 2016  
Number: 60105900  
For: Storm Sewers  
Amount: \$177,845.00  
HCDB-2016-00023

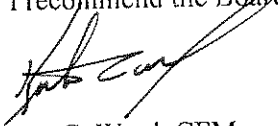
Agent: Capitol Indemnity Corporation  
Date: September 19, 2016  
Number: 60105899  
For: Erosion Control  
Amount: \$35,636.26  
HCDB-2016-00024

Agent: Capitol Indemnity Corporation  
Date: September 19, 2016  
Number: 60105898  
For: Monumentation  
Amount: \$5,076.00  
HCDB-2016-00025

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 Heritage 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 March 27, 2017.



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

STATE OF INDIANA     )  
  )  
COUNTY OF HAMILTON )

(Revised 06/08/04)

FILED

NOV 02 2015

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

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of           The Heritage At Vermillion           Subdivision, Section  
The Heritage At Vermillion - Sect. 2 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 Heritage At Vermillion - Sect. 2          , 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.

Adobe PDF Fillable Form

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**

Signed \_\_\_\_\_

~~Richard A. Henderson~~

Printed Name \_\_\_\_\_

Date \_\_\_\_\_

*[Handwritten Signature]*

Signed \_\_\_\_\_

*Bill Bryant*

Printed Name \_\_\_\_\_

*10/29/15*

Date \_\_\_\_\_

Signed \_\_\_\_\_

Printed Name \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Printed Name \_\_\_\_\_

Date \_\_\_\_\_

FINDINGS AND ORDER


CONCERNING THE MAINTENANCE OF THE


Vermillion Drain,  
The Heritage at Vermillion Section 2 Arm

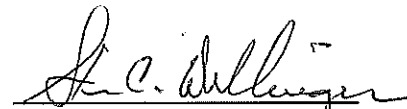
On this 27<sup>th</sup> day of March, 2017, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Vermillion Drain, The Heritage at Vermillion Section 2 Arm*.

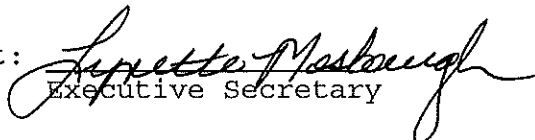
Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund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

HAMILTON COUNTY DRAINAGE BOARD

  
President

  
Member

  
Member

Attest:   
Executive Secretary

FILED

SEP 20 2016

COPY

OFFICE OF HAMILTON COUNTY SURVEYOR

SUBDIVISION BOND

Bond No.: 60105900

Principal Amount: \$177,845.00

HCDB-2016-00023

KNOW ALL MEN BY THESE PRESENTS, that we

Beazer Homes Indiana, LLP  
9405 Delegates Row, Indianapolis, IN 46240

as Principal, and

Capitol Indemnity Corporation  
P.O. Box 5900, Madison, WI 53705-0900 a WI

Corporation, as Surety, are held and firmly bound unto

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

as Obligee, in the penal sum of

One Hundred Seventy Seven Thousand Eight Hundred Forty Five Dollars and  
00/100 (Dollars) (\$ 177,845.00 ), lawful money of the

United States of America, for the payment of which well and truly to be made, we bind ourselves,  
our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these  
presents.

WHEREAS, Beazer Homes Indiana, LLP has agreed to construct in  
Heritage at Vermillion, Section 2, Subdivision, in Hamilton County, IN the following  
improvements:

Storm Sewers

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said  
Principal shall construct, or have constructed, the improvements herein described, and shall save the  
Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then  
this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety,  
upon receipt of a resolution of the Obligee indicating that the improvements have not been installed  
or completed, will complete the improvements or pay to the Obligee such amount up to the  
Principal amount of this bond which will allow the Obligee to complete the improvements.

Upon approval by the Obligee, this instrument may be proportionately reduced as the public  
improvements are completed.

Signed, sealed and dated, this 19th day of September, 2016

Beazer Homes Indiana, LLP

Principal

By: [Signature]

Capitol Indemnity Corporation

Surety

By: [Signature]  
James I. Moore Attorney-in-Fact

CAPITOL INDEMNITY CORPORATION  
POWER OF ATTORNEY

60105900

KNOW ALL MEN BY THESE PRESENTS, That the CAPITOL INDEMNITY CORPORATION, a corporation of the State of Wisconsin, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

KELLY A. GARDNER; STEPHEN T. KAZMER; ELAINE MARCUS; JAMES I. MOORE; MELISSA SCHMIDT

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED \$20,000,000.00

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of CAPITOL INDEMNITY CORPORATION at a meeting duly called and held on the 15th day of May, 2002.

"RESOLVED, that the President, Executive Vice President, Vice President, Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings, and other writings obligatory in the nature thereof, one or more resident vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of this company; the signature of such officers and seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

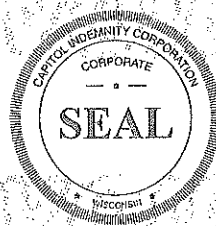
In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

IN WITNESS WHEREOF, the CAPITOL INDEMNITY CORPORATION has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 8th day of January, 2014.

Attest:

*Richard W. Allen III*

Richard W. Allen III  
President  
Surety & Fidelity Operations



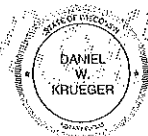
CAPITOL INDEMNITY CORPORATION

*Stephen J. Sills*

Stephen J. Sills  
CEO & President

STATE OF WISCONSIN } S.S.:  
COUNTY OF DANE

On the 8th day of January, 2014 before me personally came Stephen J. Sills, to me known, who being by me duly sworn, did depose and say: that he resides in the County of New York, State of New York; that he is President of CAPITOL INDEMNITY CORPORATION, the corporation described herein and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



*Daniel W. Krueger*

Daniel W. Krueger  
Notary Public, Dane Co., WI  
My Commission Is Permanent

STATE OF WISCONSIN } S.S.:  
COUNTY OF DANE

CERTIFICATE

I, the undersigned, duly elected to the office stated below, now the incumbent in CAPITOL INDEMNITY CORPORATION, a Wisconsin Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 19th day of September, 2016



*Alan S. Ogilvie*

Alan S. Ogilvie  
Secretary

THIS DOCUMENT IS NOT VALID UNLESS PRINTED ON GRAY-SHADED BACKGROUND WITH A RED SERIAL NUMBER IN THE UPPER RIGHT HAND CORNER. IF YOU HAVE ANY QUESTIONS CONCERNING THE AUTHENTICITY OF THIS DOCUMENT CALL, 800-475-4450. CIC-POA (Rev. 11-13)




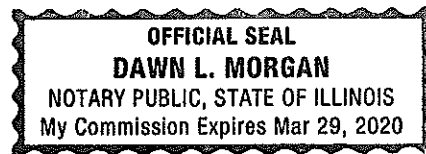
STATE OF ILLINOIS }  
COUNTY OF DU PAGE}

On September 19, 2016, before me, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared James I. Moore, known to me to be Attorney-in-Fact of Capitol Indemnity Corporation the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument on behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2020

  
Dawn L. Morgan, Notary Public  
Commission No. 318533



COPY

FILED

SEP 20 2016

OFFICE OF HAMILTON COUNTY SURVEYOR

SUBDIVISION BOND

Bond No.: 60105899

Principal Amount: \$35,636.26

HCDB-2016-00024

KNOW ALL MEN BY THESE PRESENTS, that we

Beazer Homes Indiana, LLP  
9405 Delegates Row, Indianapolis, IN 46240

as Principal, and

Capitol Indemnity Corporation  
P.O. Box 5900, Madison, WI 53705-0900 a WI

Corporation, as Surety, are held and firmly bound unto  
Hamilton County Commissioners,  
1 Hamilton County Square, Suite 157, Noblesville, IN 46060

as Obligee, in the penal sum of

Thirty Five Thousand Six Hundred Thirty Six Dollars and 26/100  
(Dollars) (\$ 35,636.26), lawful money of the

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our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these  
presents.

WHEREAS, Beazer Homes Indiana, LLP has agreed to construct in  
Heritage at Vermillion, Section 2, Subdivision, in Hamilton County, IN the following  
improvements:

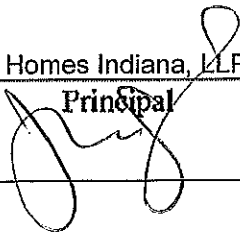
Erosion control

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said  
Principal shall construct, or have constructed, the improvements herein described, and shall save the  
Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then  
this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety,  
upon receipt of a resolution of the Obligee indicating that the improvements have not been installed  
or completed, will complete the improvements or pay to the Obligee such amount up to the  
Principal amount of this bond which will allow the Obligee to complete the improvements.

Upon approval by the Obligee, this instrument may be proportionately reduced as the public  
improvements are completed.

Signed, sealed and dated, this 19th day of September, 2016

Beazer Homes Indiana, LLP  
Principal

By: 

Capitol Indemnity Corporation  
Surety

By:   
James I. Moore Attorney-in-Fact

CAPITOL INDEMNITY CORPORATION  
POWER OF ATTORNEY

60105899

KNOW ALL MEN BY THESE PRESENTS, That the CAPITOL INDEMNITY CORPORATION, a corporation of the State of Wisconsin, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

KELLY A. GARDNER; STEPHEN T. KAZMER; ELAINE MARCUS; JAMES I. MOORE; MELISSA SCHMIDT

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED \$20,000,000.00

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of CAPITOL INDEMNITY CORPORATION at a meeting duly called and held on the 15th day of May, 2002.

"RESOLVED, that the President, Executive Vice President, Vice President, Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings, and other writings obligatory in the nature thereof, one or more resident vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of this company; the signature of such officers and seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

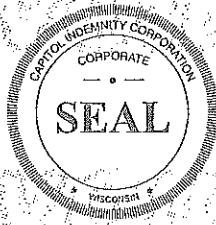
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IN WITNESS WHEREOF, the CAPITOL INDEMNITY CORPORATION has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 8th day of January, 2014.

Attest:

*Richard W. Allen III*

Richard W. Allen III  
President  
Surety & Fidelity Operations



CAPITOL INDEMNITY CORPORATION

*Stephen J. Sills*

Stephen J. Sills  
CEO & President

STATE OF WISCONSIN } s.s.  
COUNTY OF DANE

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*Daniel W. Krueger*

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Notary Public, Dane Co., WI  
My Commission Is Permanent

STATE OF WISCONSIN } s.s.  
COUNTY OF DANE

CERTIFICATE

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Signed and sealed at the City of Middleton, State of Wisconsin this 19th day of September, 2016



*Alan S. Ogilvie*

Alan S. Ogilvie  
Secretary

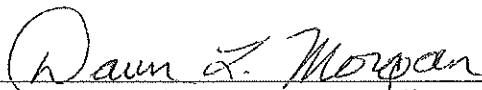
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STATE OF ILLINOIS }  
COUNTY OF DU PAGE}

On September 19, 2016, before me, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared James I. Moore, known to me to be Attorney-in-Fact of Capitol Indemnity Corporation the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument on behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2020

  
Dawn L. Morgan, Notary Public  
Commission No. 318533



COPY

FILED

SEP 20 2016

SUBDIVISION BOND

OFFICE OF HAMILTON COUNTY SURVEYOR  
Bond No.: 60105898

Principal Amount: \$5,076.00

HCDB-2016-00025

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Capitol Indemnity Corporation  
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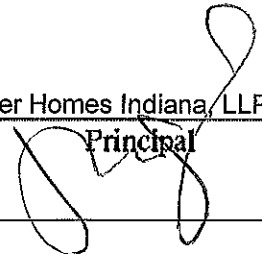
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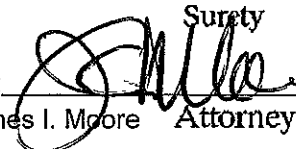
Plat Monumentation  
\_\_\_\_\_  
\_\_\_\_\_

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improvements are completed.

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Beazer Homes Indiana, LLP  
Principal  
By: 

Capitol Indemnity Corporation  
Surety  
By:   
James I. Moore Attorney-in-Fact

CAPITOL INDEMNITY CORPORATION  
POWER OF ATTORNEY

60105898

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KELLY A. GARDNER; STEPHEN T. KAZMER; ELAINE MARCUS; JAMES I. MOORE; MELISSA SCHMIDT

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ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED: \$20,000,000.00

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of CAPITOL INDEMNITY CORPORATION at a meeting duly called and held on the 15th day of May, 2002.

"RESOLVED, that the President, Executive Vice President, Vice President, Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings, and other writings obligatory in the nature thereof, one or more resident vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of this company; the signature of such officers and seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile; and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

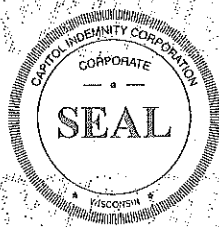
In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

IN WITNESS WHEREOF, the CAPITOL INDEMNITY CORPORATION has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 8th day of January, 2014.

Attest:

*Richard W. Allen III*

Richard W. Allen III  
President  
Surety & Fidelity Operations



CAPITOL INDEMNITY CORPORATION

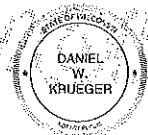
*Stephen J. Sills*

Stephen J. Sills  
CEO & President

STATE OF WISCONSIN } S.S.:  
COUNTY OF DANE

On the 8th day of January, 2014 before me personally came Stephen J. Sills, to me known, who being by me duly sworn, did depose and say: that he resides in the County of New York, State of New York; that he is President of CAPITOL INDEMNITY CORPORATION, the corporation described herein and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.

STATE OF WISCONSIN } S.S.:  
COUNTY OF DANE



*Daniel W. Krueger*

Daniel W. Krueger  
Notary Public, Dane Co., WI  
My Commission Is Permanent

CERTIFICATE

I, the undersigned, duly elected to the office stated below, now the incumbent in CAPITOL INDEMNITY CORPORATION, a Wisconsin Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 19th day of September, 2016



*Alan S. Ogilvie*

Alan S. Ogilvie  
Secretary

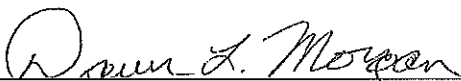
THIS DOCUMENT IS NOT VALID UNLESS PRINTED ON GRAY-SHADED BACKGROUND WITH A RED SERIAL NUMBER IN THE UPPER RIGHT-HAND CORNER. IF YOU HAVE ANY QUESTIONS CONCERNING THE AUTHENTICITY OF THIS DOCUMENT CALL, 800-475-4450. CIC-POA (Rev. 11-13)

STATE OF ILLINOIS }  
COUNTY OF DU PAGE }

On September 19, 2016, before me, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared James I. Moore, known to me to be Attorney-in-Fact of Capitol Indemnity Corporation the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument on behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2020

  
Dawn L. Morgan, Notary Public  
Commission No. 318533



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

Vermillion Drain, The Heritage 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 Heritage at Vermillion Section 2 Arm on March 27, 2017 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 Heritage at Vermillion Section 2 Arm

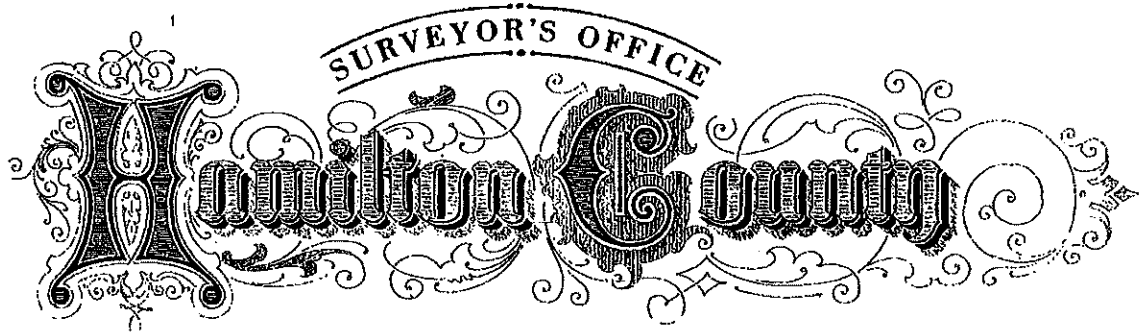
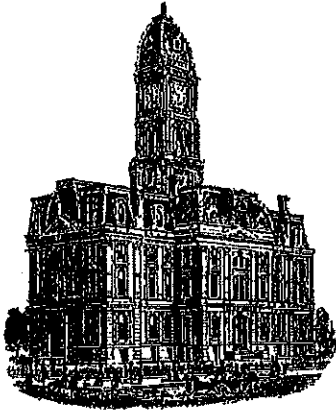
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **March 27, 2017** 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



*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**

**April 3, 2018**

**Re: Vermillion Drain: Heritage at Vermillion Section 2**

Attached are as-built, certificate of completion & compliance, and other information for Heritage at Vermillion Section 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 February 1, 2017. The report was approved by the Board at the hearing held March 27, 2017. (See Drainage Board Minutes Book 17, Pages 310-312) The changes are as follows: the 12" RCP was lengthened from 56 feet to 110 feet. The 21" RCP was shortened from 498 feet to 442 feet. The 24" RCP was lengthened from 232 feet to 239 feet. The 27" RCP was lengthened from 388 feet to 389 feet. The 6" SSD was shortened from 2,378 feet to 2,356 feet. The open ditch across the ponds was shortened from 330 feet to 318 feet and the open ditch located in Common Area E was lengthened from 390 feet to 424 feet. The length of the drain due to the changes described above is now **4488 feet**. It should be noted that this section of development removed 41 feet of existing 12" RCP (Str. 568-568B) installed with Heritage at Vermillion Section 1.

The non-enforcement was approved by the Board at its meeting on March 27, 2017 and recorded under instrument #2017013787.

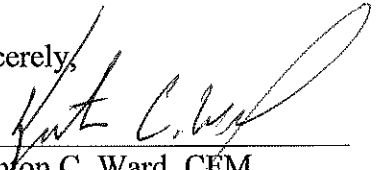
The following sureties were guaranteed by Capital Indemnity Corporation and released by the Board on its March 26, 2018 meeting.

Bond-LC No: 60105900  
Amount: \$177,845.00  
For: Storm Sewers & SSD  
Issue Date: September 19, 2016

Bond-LC No: 60105899  
Amount: \$35,636.26  
For: Erosion Control  
Issue Date: September 19, 2016

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kenton C. Ward". The signature is written in a cursive style with a large, looping initial "K".

---

Kenton C. Ward, CFM  
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: *THE HERITAGE @ VERMILION - 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.

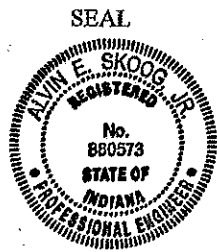
Signature: *Al E. Skoog Jr* Date: *Aug. 25, 2017*

Type or Print Name: *ALVIN E. SKOOG JR*

Business Address: *WEIHE ENGINEERS, INC.*

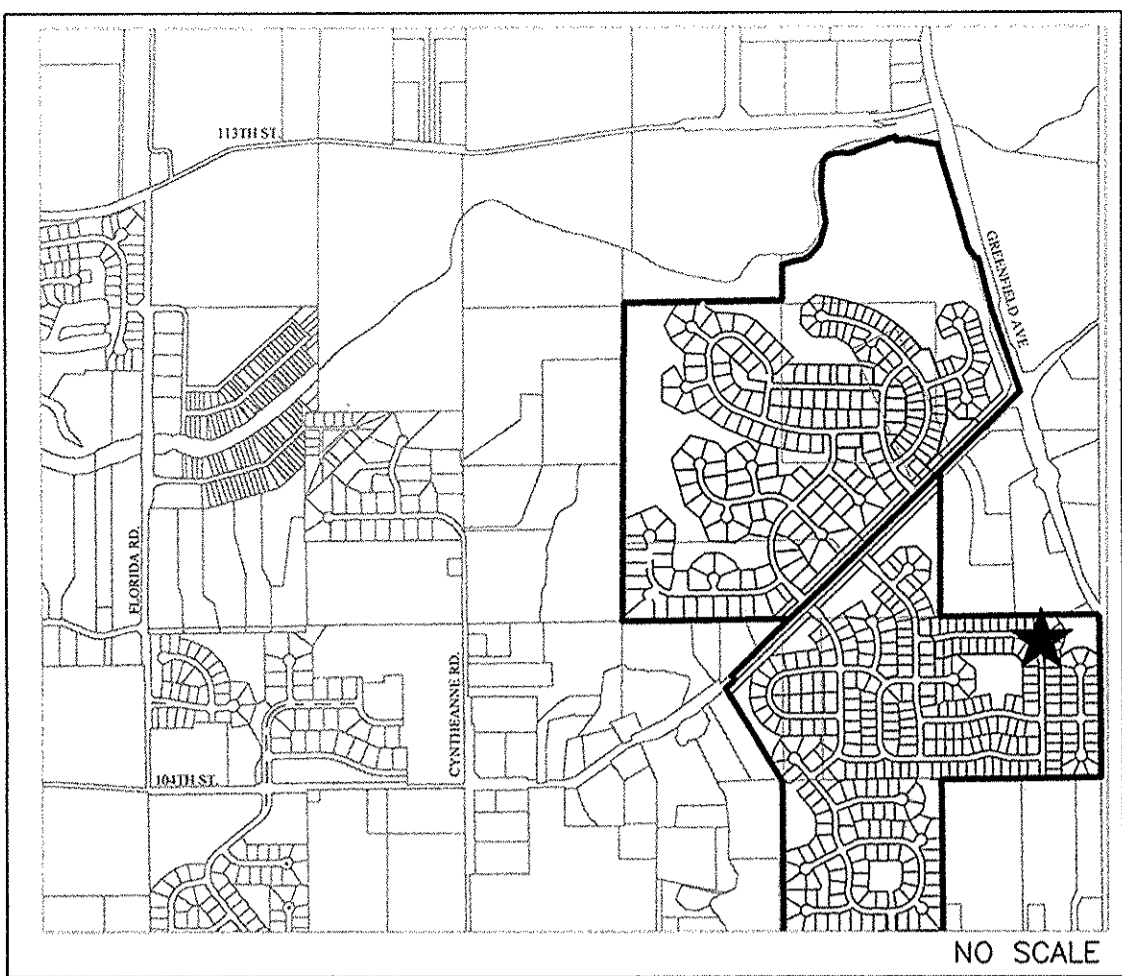
*10505 N. COLLEGE AVE, INDIANAPOLIS, IN*

Telephone Number: *317 846-6611* *46280*



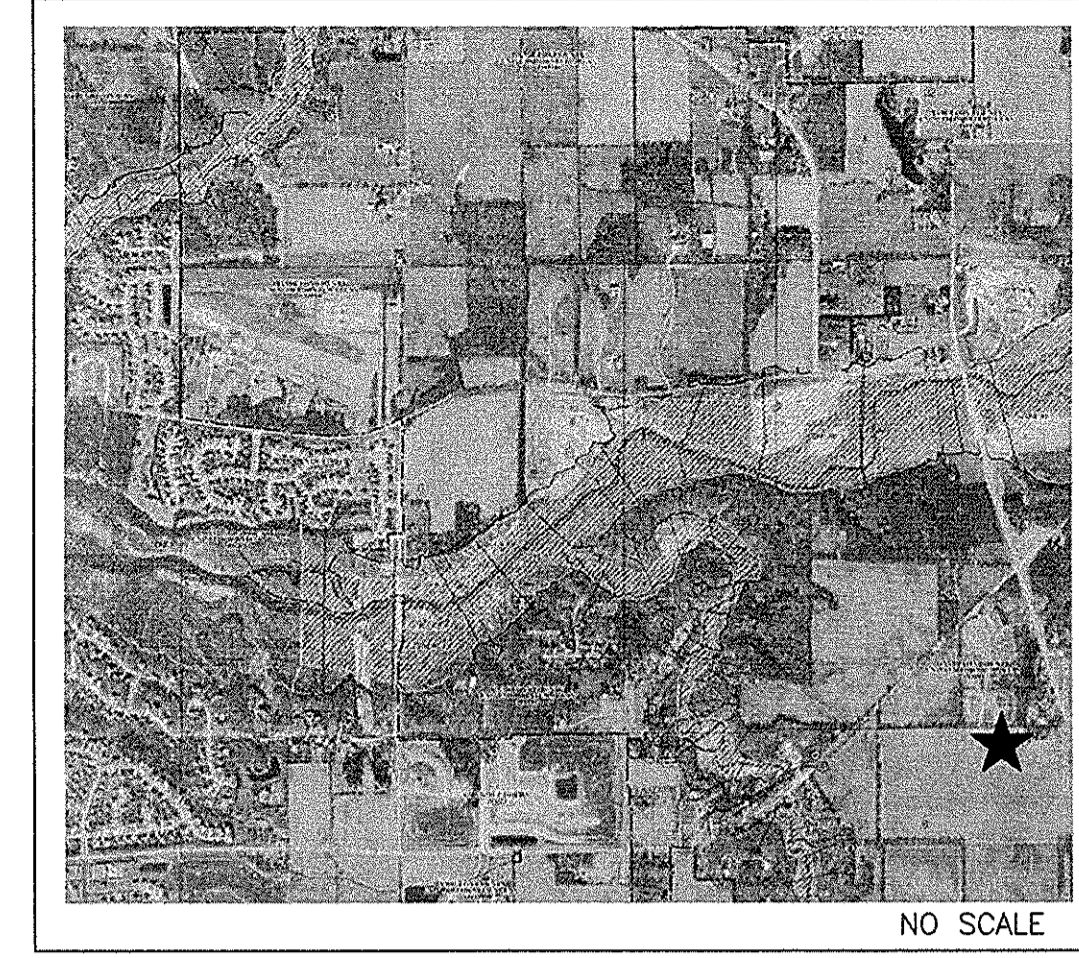
INDIANA REGISTRATION NUMBER

*880573*



AREA LOCATION MAP

# RECORD DRAWINGS CONSTRUCTION DRAWINGS THE HERITAGE AT VERMILLION SECTION TWO FALL CREEK TOWNSHIP, FISHERS, IN 46040



F.E.M.A. F.I.R.M.

LATITUDE: 39°56'39" N, LONGITUDE: 85°51'56" W

**GENERAL NOTES**

- 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.
- 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
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- ALL QUANTITIES GIVEN ON THESE PRINTS ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- 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.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT.
- ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- 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 18057C0278G, NOVEMBER 19, 2014.
- BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAT FOR EXACT INFORMATION.
- 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.
- 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 SUCH 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.
- 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.
- THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA REQUIREMENTS. SHALL BE PROWAG COMPLIANT AND MEET ALL CURRENT INDOT STANDARD SPECIFICATIONS.
- 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.

RECORD DRAWING  
7-3-2017

*JE T*

JOSEPH TRITAN, LS21500003

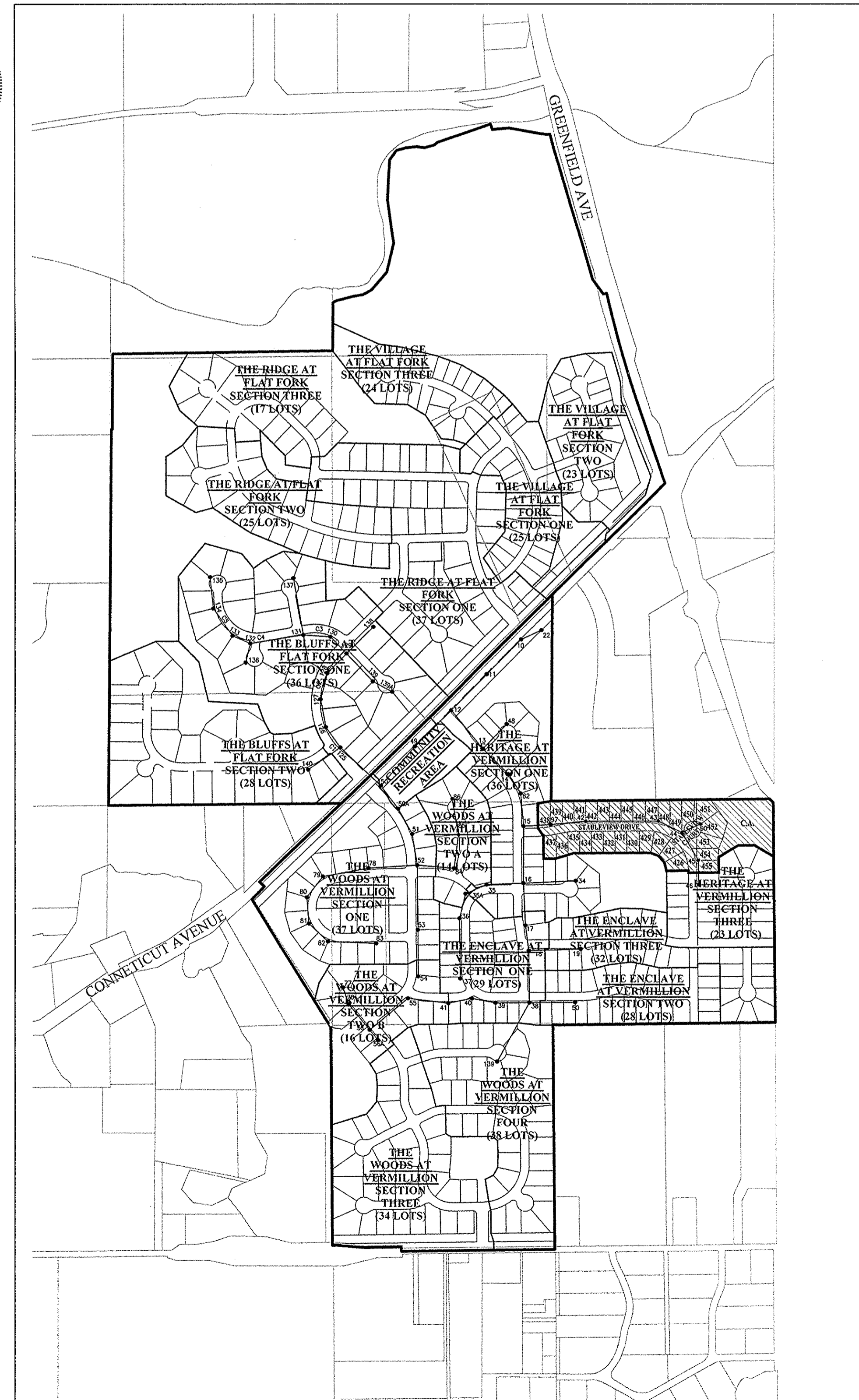


PLANS PREPARED FOR  
BEAZER HOMES INDIANA, LLP  
9202 NORTH MERIDIAN STREET, SUITE 300  
INDIANAPOLIS, IN 46260  
TELEPHONE: 317-366-8426  
CONTACT PERSON: BILL BRYANT

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

**BENCHMARK INFORMATION**

- SOURCE BENCHMARK  
HSE 29  
HSE DISC IN CONCRETE SET 5' SOUTH OF THE SOUTH BACK OF CURB ALONG 101ST ST., 1800'+/- EAST OF CYNTHIANE RD., 33' WEST OF THE FIRST DRIVE WEST OF THE BRIDGE OVER FLATFORK CREEK.  
N=1707462.37  
E=269743.89  
EL=855.00 (NAVD 88)
- BM 1  
RAILROAD SPIKE SET IN THE SOUTHWEST SIDE OF A 20" TREE LOCATED ON THE SOUTHEAST SIDE OF CONNECTICUT AVENUE, APPROXIMATELY 1,104'+/- SOUTHWEST OF THE INTERSECTION OF CONNECTICUT AVENUE WITH GREENFIELD AVE.  
N=1711251  
E=271743  
EL=858.88 (NAVD 88)
- BM 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=854.60 (NAVD 88)
- BM 3  
MAG NAIL SET IN THE NORTH SIDE OF A UTILITY POLE LOCATED ON THE SOUTH SIDE OF 101ST STREET, APPROXIMATELY 1,097'+/- EAST OF THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-117N-R6E.  
N=1707470  
E=271220  
EL=863.33 (NAVD 88)



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-C203	STORMWATER POLLUTION PREVENTION DETAILS & SPECS
C300	DEVELOPMENT PLAN
C301	PONDING LIMITS/FLOOD ROUTING PLAN
C400	STREET PLAN & PROFILE/INTERSECTION/CUL-DE-SAC DETAIL
C401	TRAFFIC CONTROL/SIGNAGE/STREET LIGHT/SUMP PLAN
C402-C405	STREET DETAILS
C500	SANITARY SEWER PLAN & PROFILE
C501-C504	SANITARY SEWER DETAILS & SPECIFICATIONS
C600-C601	STORM SEWER PLAN & PROFILE
C602-C603	STORM SEWER DETAILS
C700	WATER MAIN PLAN
C701-C703	WATER MAIN DETAILS/SPECIFICATIONS
L100	LANDSCAPE PLAN

**SITE DATA**

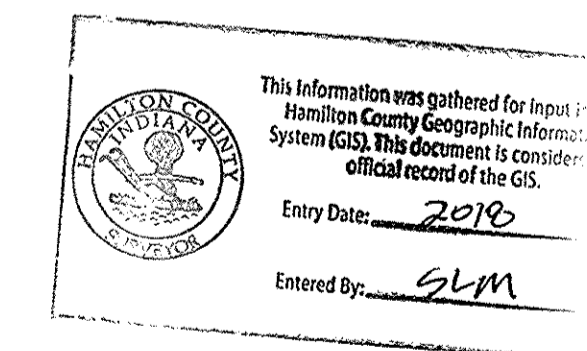
STREET LENGTHS:

STABLEVIEW DRIVE	1051.30 L.F.±
STABLEVIEW COURT	96.55 L.F.±
TOTAL	1,147.85 L.F.±

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

SITE AREA:

SITE	10,786 AC.±
LOTS	30



This information was gathered for input to Hamilton County Geographic Information System (GIS). This document is to be considered an official record of the GIS.  
Entry Date: 2018  
Entered By: SLM

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.



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.

**OPERATING AUTHORITIES:**

- |  |  |  |
|--|--|--|
| <b>Fishers Department of Community Development</b><br>One Municipal Drive<br>Fishers, IN 46038<br>317-595-3120<br>Attn: Adam Zaklikowski | <b>Fortville Water</b><br>714 E. Broadway St.<br>Fortville, IN 46040<br>317-485-4044<br>317-595-3120<br>Attn: Joe Renner                   | <b>Embora/ Century Link</b><br>50 North Jackson Street<br>Franklin, IN 46131<br>317-736-5807<br>Attn: Larry Donathen           |
| <b>A&amp;F Engineering, INC.</b><br>8365 Keystone Crossing, Suite 201<br>Indianapolis, IN 46240<br>317-202-0884<br>Attn: Steve Fehrbach  | <b>Triad Associates</b><br>5835 Lawton Loop East Drive<br>Indianapolis, IN 46216<br>317-377-5230<br>Attn: Dick Mosier                      | <b>Hamilton County Highway Department</b><br>1700 S. 10th Street<br>Noblesville, IN 46060<br>317-773-7770<br>Attn: David Lucas |
| <b>SAMCO/ HSE Utilities</b><br>11901 Lakeside Drive<br>Fishers, IN 46038<br>317-577-1150<br>Attn: Thomas Kallio                          | <b>Hamilton County Surveyor</b><br>One Hamilton County Square, Suite 188<br>Noblesville, Indiana 46060<br>317-776-8495<br>Attn: Steve Cash |  |
| <b>Ninestar Connect (Power)</b><br>2243 East Main Street<br>Greenfield, IN 46140<br>317-323-2087<br>Attn: John Splatter                  | <b>Comcast</b><br>5330 E. 65th Street<br>Indianapolis, IN 46220<br>317-774-3384<br>Attn: Matt Stringer                                     |  |
| <b>Vectren</b><br>16000 Allisonville Road<br>Noblesville, IN 46061<br>317-776-5532<br>Attn: Joanie Clark                                 | <b>Ninestar Connect</b><br>P.O. Box 108<br>Maxwell, IN 46154<br>317-323-2078<br>Attn: George Pilisniki                                     |  |

10505 N. College Avenue  
Indianapolis, Indiana 46280  
weihe.net  
317 | 846 - 6611  
800 | 452 - 6408  
317 | 843 - 0546 fax

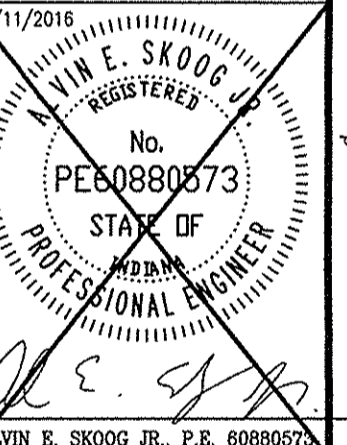
**WEIHE ENGINEERS**  
Land Surveying | Civil Engineering  
Landscape Architecture

PROJECT NO. W14.0496  
DRAWN BY: SLM  
CHECKED BY: SLM  
DATE: 10-08-2015

DATE: 10-08-2015

BY: SLM

REVISIONS AND ISSUES

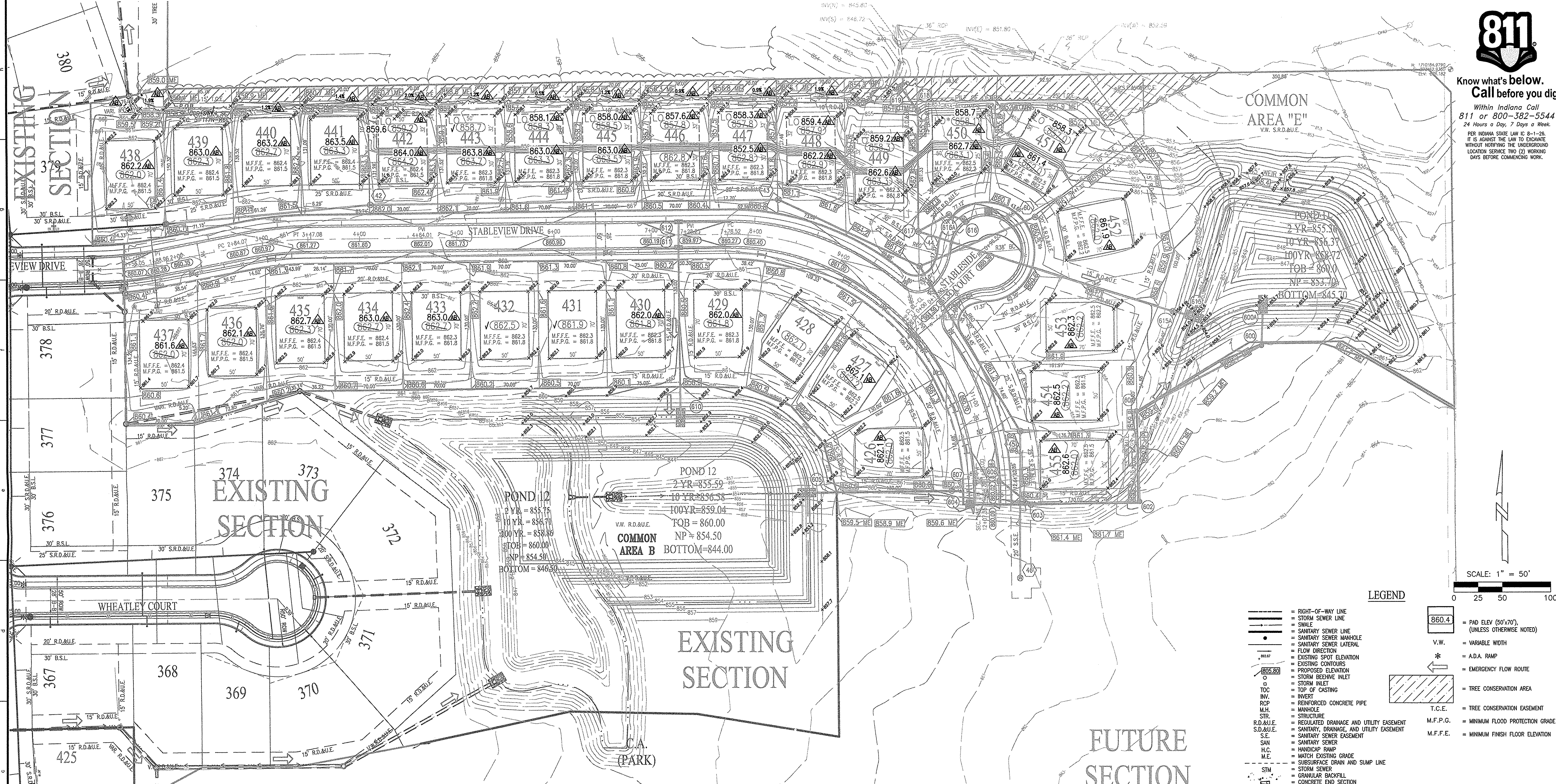


PREPARED FOR:  
**THE HERITAGE AT VERMILLION SECTION TWO**  
BEAZER HOMES INDIANA, LLP  
TITLE SHEET  
Part of the 288E (1/4 of Section 16, Township 17 North, Range 6 East, Roll 0047, Hamilton County, Indiana)

SHEET NO.  
**C001**

PROJECT NO.  
W14.0496

LOCATION: H:\2014\W140496\Section 2\Engineering\Design\Submittal\AS\_Constr\W14 0001 Title Sheet.dwg  
LAWYER: TILLY, 03. 2017 - 10:54am  
PLOTTED BY: weihew

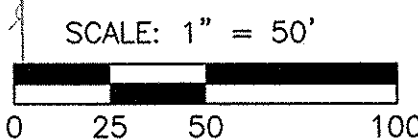


PER INDIANA STATE LAW IC 8-1-28, IT IS AGAINST THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

10505 N. College Avenue  
Indianapolis, Indiana 46280  
w@weh.com  
317 846 - 6611  
800 1 452 - 6408  
317 843 - 0546 fax  
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

**WEIHE ENGINEERS**  
Land Surveying / Civil Engineering  
Landscape Architecture

PROJECT NO. W14.0496  
DATE 11/12/2016  
DESIGNED BY: W.F.S.  
DRAWN BY: J.T.  
CHECKED BY: J.T.  
DATE 10.08.2015



**LEGEND**

- RIGHT-OF-WAY LINE
- STORM SEWER LINE
- SWALE
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- SANITARY SEWER LATERAL
- FLOW DIRECTION
- EXISTING SPOT ELEVATION
- EXISTING CONTOURS
- PROPOSED ELEVATION
- STORM SEWER INLET
- STORM INLET
- TOP OF CASTING
- MANHOLE
- REINFORCED CONCRETE PIPE
- STRUCTURE
- REGULATED DRAINAGE AND UTILITY EASEMENT
- SANITARY, DRAINAGE, AND UTILITY EASEMENT
- SANITARY SEWER EASEMENT
- SANITARY SEWER
- HANDICAP RAMP
- MATCH EXISTING GRADE
- SUBSURFACE DRAIN AND SUMP LINE
- STORM SEWER
- GRANULAR BACKFILL
- CONCRETE END SECTION
- SUBSURFACE DRAIN
- SANITARY SEWER PIPE (SDR-35)
- (UNLESS OTHERWISE NOTED)
- TYPICAL
- PROPOSED
- EXISTING
- RADIUS

**BENCHMARK INFORMATION**

SOURCE BENCHMARK  
HSE 29  
HSE DISC IN CONCRETE SET 5' SOUTH OF THE SOUTH BACK OF CURB ALONG 101ST ST., 1800'+/- EAST OF CYNTHIANE RD., 35' WEST OF THE FIRST DRIVE WEST OF THE BRIDGE OVER PLATFOUR CREEK.  
N=1707462.37  
E=269743.89  
EL=855.00 (NAVD 88)

TBM 1  
RAILROAD SPIKE SET IN THE SOUTHWEST SIDE OF A 20" TREE LOCATED ON THE SOUTHWEST SIDE OF CONNECTICUT AVENUE, APPROXIMATELY 1,014'+/- SOUTHWEST OF THE INTERSECTION OF CONNECTICUT AVENUE WITH GREENFIELD AVE.  
N=1711251  
E=271743  
EL=858.88 (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-T17N-8E.  
N=1709400  
E=273165  
EL=864.60 (NAVD 88)

TBM 3  
MAG NAIL SET IN THE NORTH SIDE OF A UTILITY POLE LOCATED ON THE SOUTH SIDE OF 101ST STREET, APPROXIMATELY 1,097'+/- EAST OF THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-T17N-8E.  
N=1707470  
E=271220  
EL=863.33 (NAVD 88)

**NOTE:**  
AN EXISTING 6" FILE TILE IS LOCATED THRU LOTS 426, 427, 449, 454, 453, AND 450. THIS EXISTING 6" TILE NEEDS TO BE REMOVED AND INSTALL A BREATHER AT THE NORTH PROPERTY LINE. ANY FILE TILES ENCOUNTERED OUTSIDE OF LOTS AND RIGHT-OF-WAY TO BE CONNECTED TO THE PROPOSED DRAINAGE SYSTEM IN ORDER TO MAINTAIN POSITIVE DRAINAGE FOR THE OFFSITE SYSTEM.

**RECORD DRAWING**  
DEVELOPMENT PLAN AS-BUILTS  
PADS AND SWALES ONLY  
7-3-2017

JOSEPH TRTAN, LS21500003



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: 2018  
Entered By: SKM

- AS-BUILT INFORMATION
- AS-BUILT AS PLANNED
- AS-BUILT SPOT ELEVATION
- AS-BUILT SUBSURFACE DRAIN

**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 CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
3. ALL QUANTITIES GIVEN ON THESE PRINTS, ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
4. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
5. BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.
6. ALL SIDEWALKS TO BE 5'-0" WIDE AND INSTALLED AS SHOWN ON THIS PLAN.
7. 2' ROLLED CURB & GUTTER SHALL BE INSTALLED THROUGHOUT ENTIRE PROJECT AS SHOWN UNLESS NOTED OTHERWISE.
8. A HANDICAPPED RAMP IS TO BE INSTALLED AT ALL LOCATIONS WHERE A SIDEWALK IS SHOWN INTERSECTING A CURB - SEE DETAIL.
9. ANY DRAINAGE TILE SYSTEM COMING ONTO PROPERTY SHALL BE CONNECTED INTO THE PROPOSED DRAINAGE SYSTEM IN ORDER TO MAINTAIN POSITIVE DRAINAGE FOR THE OFFSITE SYSTEM.
10. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION WITH SUPPLEMENTS, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION. PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TEST SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
11. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HEREIN IN ACCORDANCE WITH AVAILABLE INFORMATION. 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.
12. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
13. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
14. ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
15. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
16. THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVAL OR IMPORTING OF EARTH.
17. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
18. ALL 6" SSD SHALL BE DOUBLE WALL SMOOTH BORE PIPE. (SEE HAMILTON COUNTY STANDARD DETAILS)
19. THE FINISHED FLOOR GRADE FOR EACH LOT MUST BE 6" ABOVE PAD CENTER OF LOT, M.F.P.G. OR M.F.F.E., WHICHEVER IS HIGHEST.
20. UNLESS APPROVED OTHERWISE BY HSE, THE FINISHED FLOOR FLOOR ELEVATIONS ON A PLOT PLAN FOR A LOT IN THIS DEVELOPMENT CANNOT EXCEED THE CORRESPONDING MINIMUM FINISH FLOOR ELEVATION (M.F.F.E.) SHOWN HEREON BY MORE THAN FIVE TENTHS (0.50) FOOT.

THE HERITAGE AT VERMILLION SECTION TWO  
DEVELOPMENT PLAN  
C300  
W14.0496

# RECORD DRAWING

STORM SEWER AS-BUILTS  
STORM SEWER STRUCTURES ONLY  
7-3-2017

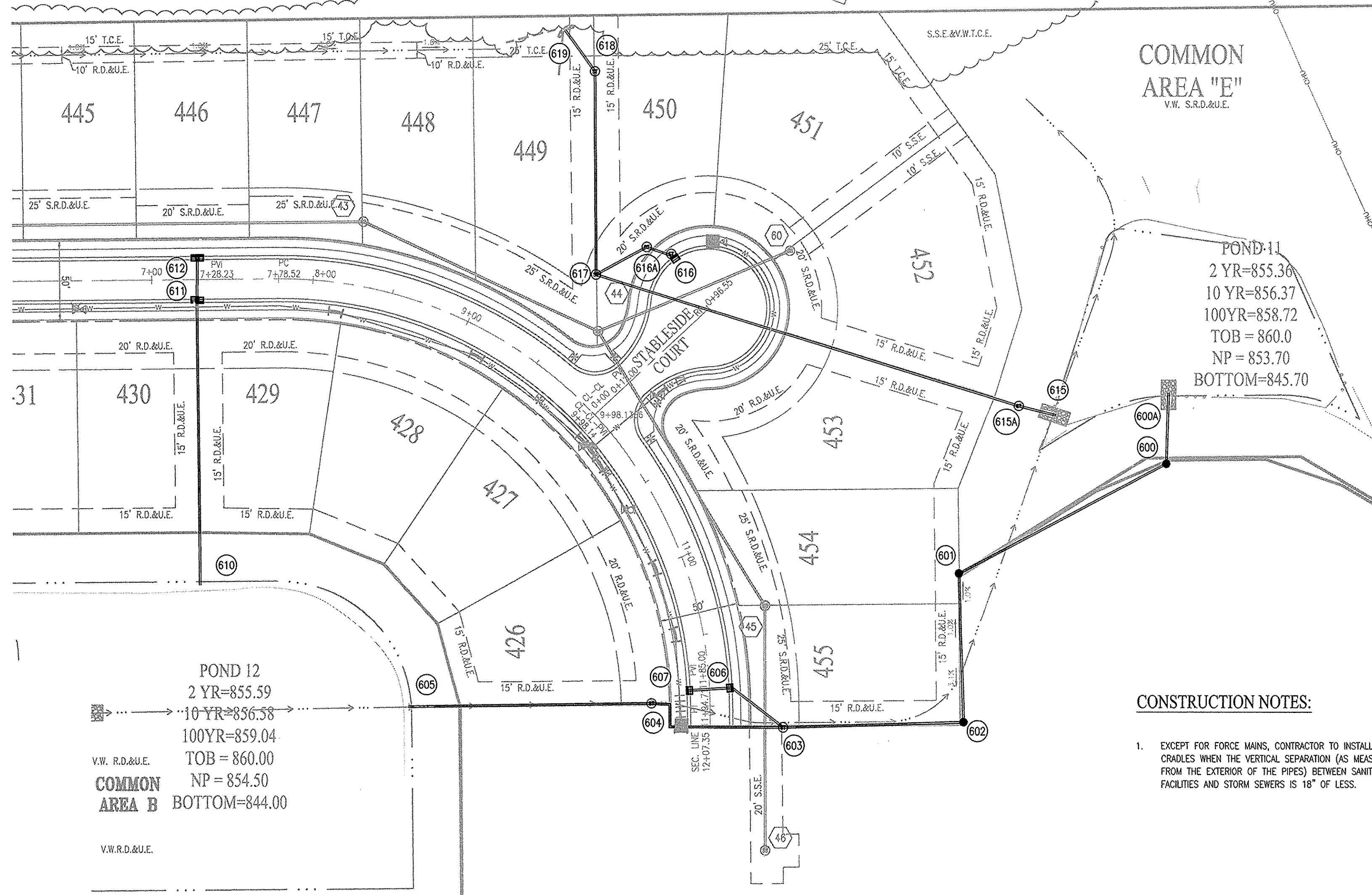
JOSEPH TRTAN, LS21500003



AS-BUILT INFORMATION  
BUILT AS PLANNED

STRUCTURE NUMBER	STRUCTURE TYPE	TOP OF CASTING	CASTING TYPE	INVERT
600A	END SECTION	N/A	N/A	INV IN = 853.70(S)
603	MANHOLE	861.39	NEENAH R-1772	INV IN = 854.22(W) INV IN = 856.22(NW) INV OUT = 854.22(E)
604	MANHOLE	860.17	NEENAH R-1772	INV IN = 854.32(W) INV OUT = 854.32(E)
605	END SECTION	N/A	N/A	INV OUT = 854.50(E)
606	INLET TYPE A	860.00	NEENAH R-3501-TR	INV IN = 856.41(W) INV OUT = 856.31(SE)
607	INLET TYPE A	860.00	NEENAH R-3501-TL	INV OUT = 856.50(E)
610	END SECTION	N/A	N/A	INV IN = 854.50(N)
611	DOUBLE CURB INLET	860.01	NEENAH R-3501-TR	INV IN = 856.35(N) INV OUT = 856.25(S)
612	DOUBLE CURB INLET	860.01	NEENAH R-3501-TL	INV OUT = 856.50(S)
615	END SECTION	N/A	N/A	INV OUT = 853.70(W)
615A	STORMCEPTOR SEE C603	859.12	NEENAH R-1772	INV IN = 853.63(E) INV OUT = 853.54(W)
616	MANHOLE	859.68	NEENAH R-3501-TL	INV OUT = 856.00(W)
616A	SPECIAL STR. SEE C603	860.22	NEENAH R-4215-C	INV IN = 855.95(E) INV OUT = 855.85(SW)
617	MANHOLE	861.86	NEENAH R-1772	INV IN = 852.71(E) INV IN = 855.74(NE) INV OUT = 852.61(N)
618	MANHOLE	853.85	NEENAH R-1772	INV IN = 850.30(S) INV OUT = 850.40(NW)
619	END SECTION	N/A	N/A	INV IN = 850.00(SE)

DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	SIZE	MATERIAL	LENGTH	SLOPE
600	600A	27"	RCP	39'	0.35%
601	600	27"	RCP	147'	0.11%
602	601	27"	RCP	93'	0.11%
603	602	27"	RCP	109'	0.11%
604	603	24"	RCP	82'	0.12%
605	604	24"	RCP	150'	0.12%
606	603	15"	RCP	39'	0.23%
607	606	12"	RCP	28'	0.32%
610	611	15"	RCP	171'	1.02%
611	612	12"	RCP	28'	0.54%
615A	617	21"	RCP	274'	0.30%
616	616A	12"	RCP	17'	0.31%
616A	617	12"	RCP	35'	0.31%
617	618	21"	RCP	122'	1.73%
618	619	21"	RCP	28'	1.40%



POND 12  
2 YR=855.59  
10 YR=856.58  
100YR=859.04  
TOB = 860.00  
NP = 854.50  
BOTTOM=844.00

### CONSTRUCTION NOTES:

- 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.

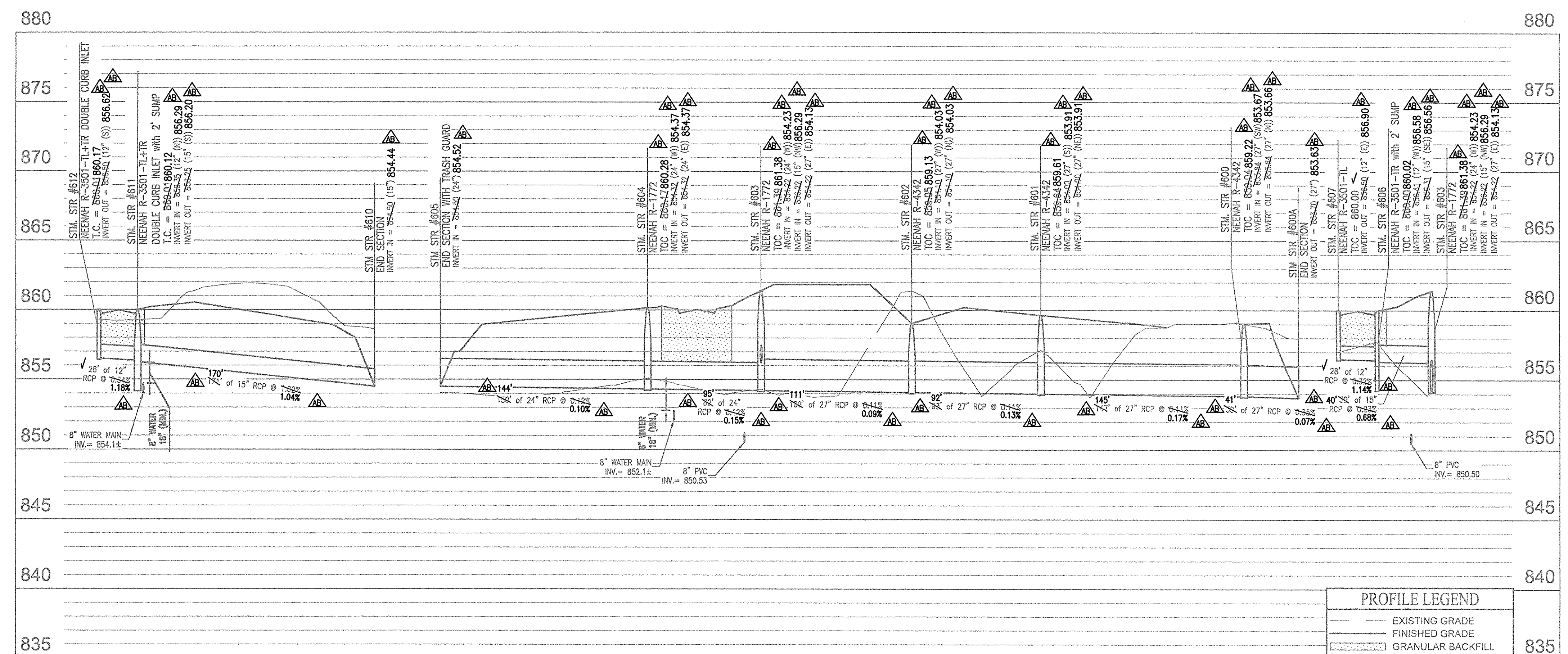
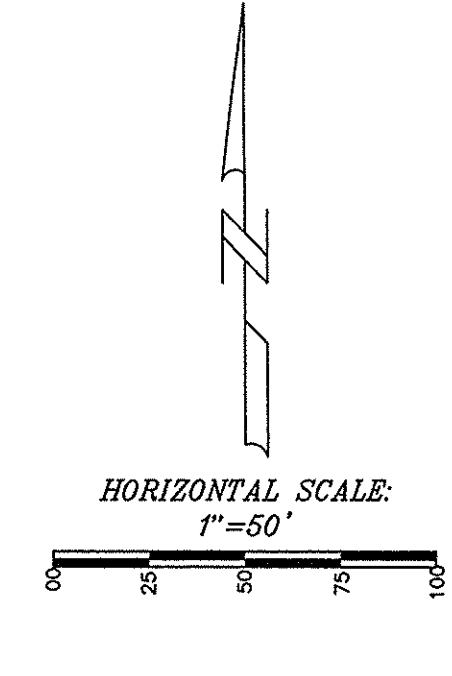
### BENCHMARK INFORMATION

SOURCE BENCHMARK  
HSE 29  
HSE DISC IN CONCRETE SET 5' SOUTH OF THE SOUTH BACK OF CURB ALONG 101ST ST., 1800'+/- EAST OF CYNTHIANE RD., 33' WEST OF THE FIRST DRIVE WEST OF THE BRIDGE OVER PLATFURK CREEK. N=1707482.37  
E=29743.89  
EL=855.00 (NAVD 88)

TEM 1  
RAILROAD SPIKE SET IN THE SOUTHWEST SIDE OF A 20" TREE LOCATED ON THE SOUTHWEST SIDE OF CONNECTICUT AVENUE, APPROXIMATELY 1,104'+/- SOUTHWEST OF THE INTERSECTION OF CONNECTICUT AVENUE WITH GREENFIELD AVE.  
N=1711251  
E=271743  
EL=858.88 (NAVD 88)

TEM 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=854.60 (NAVD 88)

TEM 3  
MAG NAIL SET IN THE NORTH SIDE OF A UTILITY POLE LOCATED ON THE SOUTH SIDE OF 101ST STREET, APPROXIMATELY 1,097'+/- EAST OF THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF SECTION 8-117N-R6E.  
N=1707470  
E=271220  
EL=853.33 (NAVD 88)



PROFILE LEGEND	
	EXISTING GRADE
	FINISHED GRADE
	GRANULAR BACKFILL

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: 2016  
Entered By: SLM

**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

PROJECT NO. W14.0496  
DRAWN BY: JET  
CHECKED BY: AES  
DATE: 10.08.2015

DATE: 11/17/2016  
REGISTERED PROFESSIONAL ENGINEER  
No. PE0880073  
ALVIN E. SKOOG JR., P.E. 60880073

PREPARED FOR:  
**THE HERITAGE AT VERMILLION SECTION TWO**  
BLAZER HOMES INDIANA, LLP  
STORM SEWER PLAN & PROFILE  
Part of the 88.5E 1/4 of Section 16, Township 17 North, Range 6 East, Paul Creek Township, Hamilton County, Indiana.

SHEET NO.  
**C600**  
PROJECT NO.  
W14.0496

LOCATION: H:\2014\W14.0496\Section 2\Engineering\Map\subarea\AS\_Constr\W14.0496 Storm Sewer Plan.dwg  
DATE/TIME: 03.03.2017 11:10am  
PLOTTER: HP DesignJet 5000  
PLOTTED BY: weaver



Know what's below. Call what's dig.

Within Indiana Call 811 or 800-382-5544

24 Hours a Day, 7 Days a Week. FOR INDIANA STATE LAW IS 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. L. L. S. - FOUNDER

WEIHE ENGINEERS Land Surveying | Civil Engineering Landscape Architecture

PROJECT NO.: W14.0496 DWG NAME: AS-BUILT Storm Sewer DESIGNATION: DTR DRAWN BY: DTR CHECKED BY: AES DATED: 10.08.2015

REVISIONS AND ISSUES

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

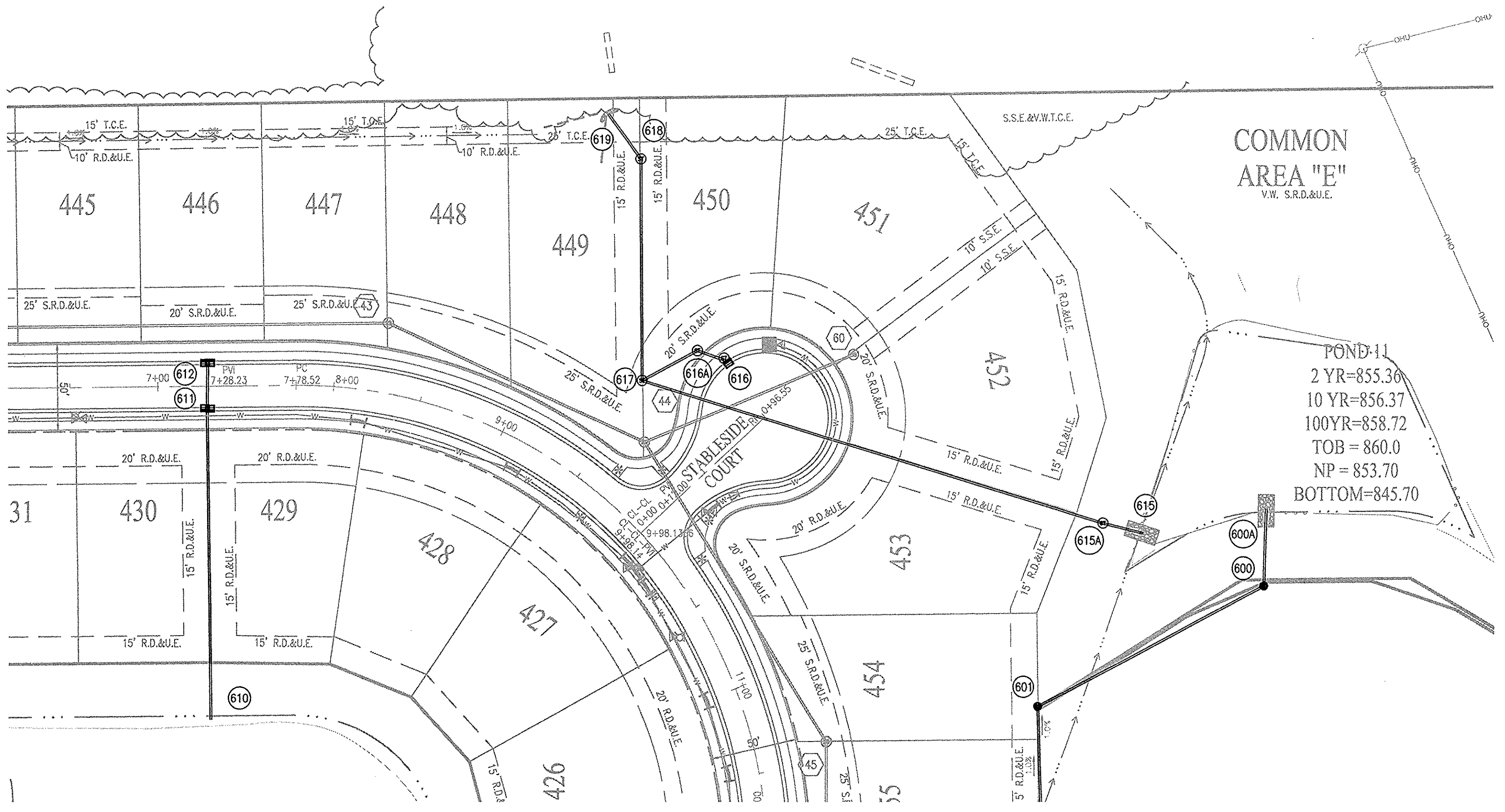
BY

DATE

BY

STORM SEWER STRUCTURE DATA TABLE with columns: STRUCTURE NUMBER, STRUCTURE TYPE, TOP OF CASTING, CASTING TYPE, INVERT

STORM SEWER PIPE DATA TABLE with columns: DOWNSTREAM STRUCTURE, UPSTREAM STRUCTURE, SIZE, MATERIAL, LENGTH, SLOPE

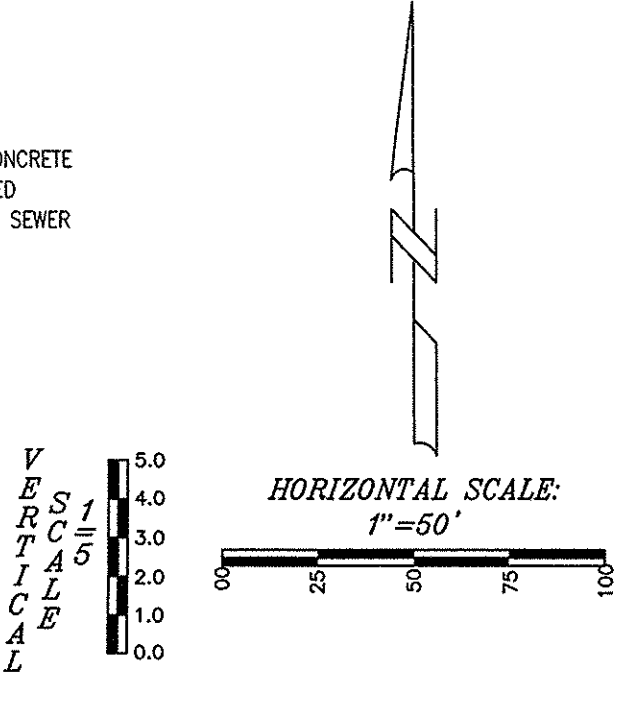


BENCHMARK INFORMATION

SOURCE BENCHMARK HSE 29 HSE DISC IN CONCRETE SET 5' SOUTH OF THE SOUTH BACK OF CURB ALONG 101ST ST., 1800'+/- EAST OF CYNTHIANE RD., 33' WEST OF THE FIRST DRIVE WEST OF THE BRIDGE OVER FLATFORK CREEK. N=1707462.37 E=269743.89 EL=855.00 (NAVD 88)

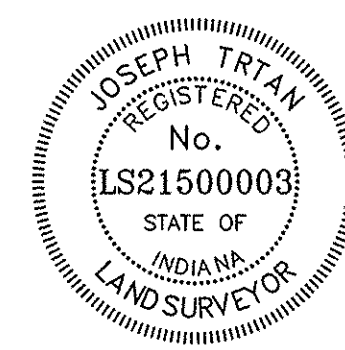
CONSTRUCTION NOTES:

- 1. 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.



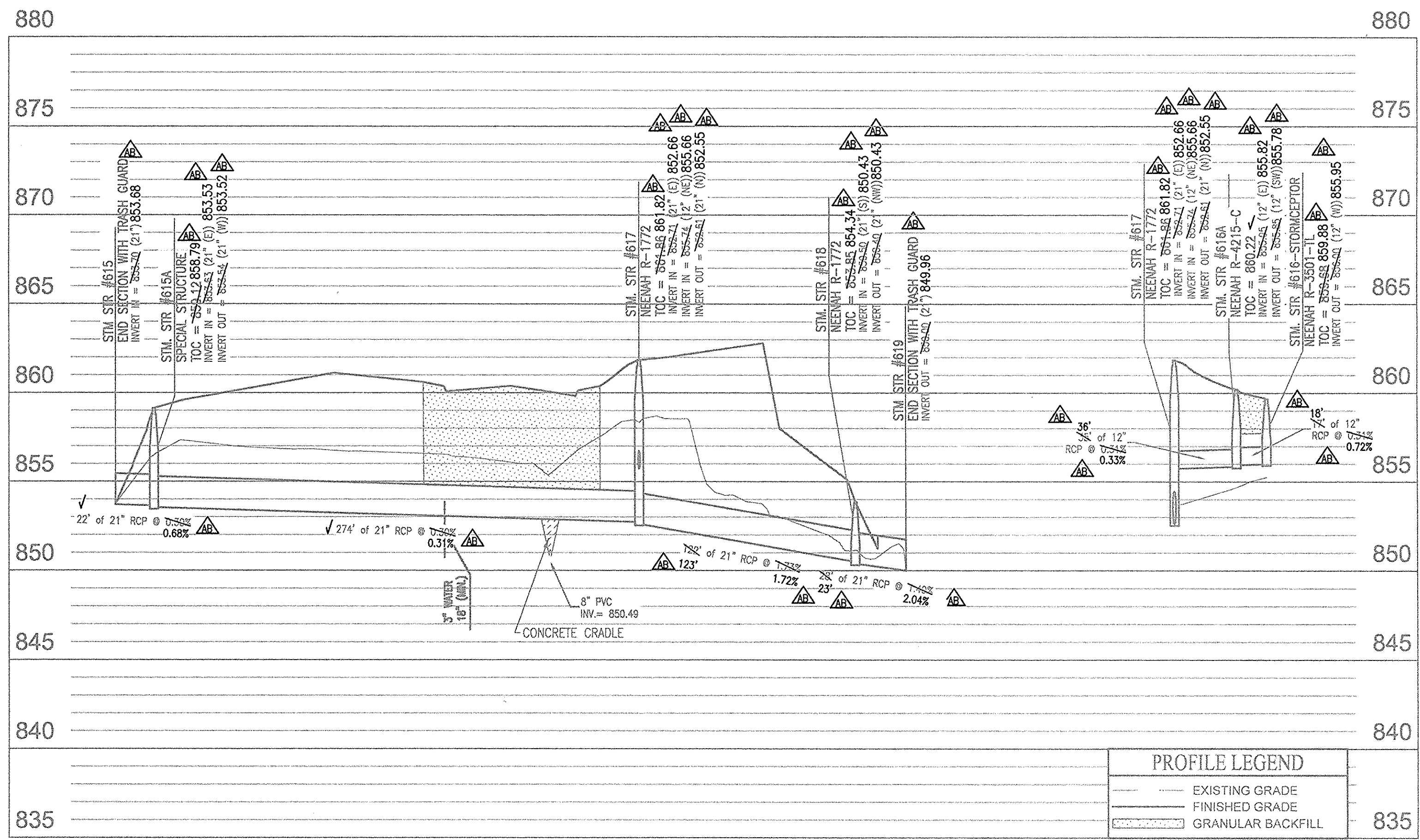
RECORD DRAWING STORM SEWER AS-BUILTS STORM SEWER STRUCTURES ONLY 7-3-2017

JOSEPH TRTAN, LS21500003



- AS-BUILT INFORMATION (triangle symbol) - BUILT AS PLANNED (square symbol)

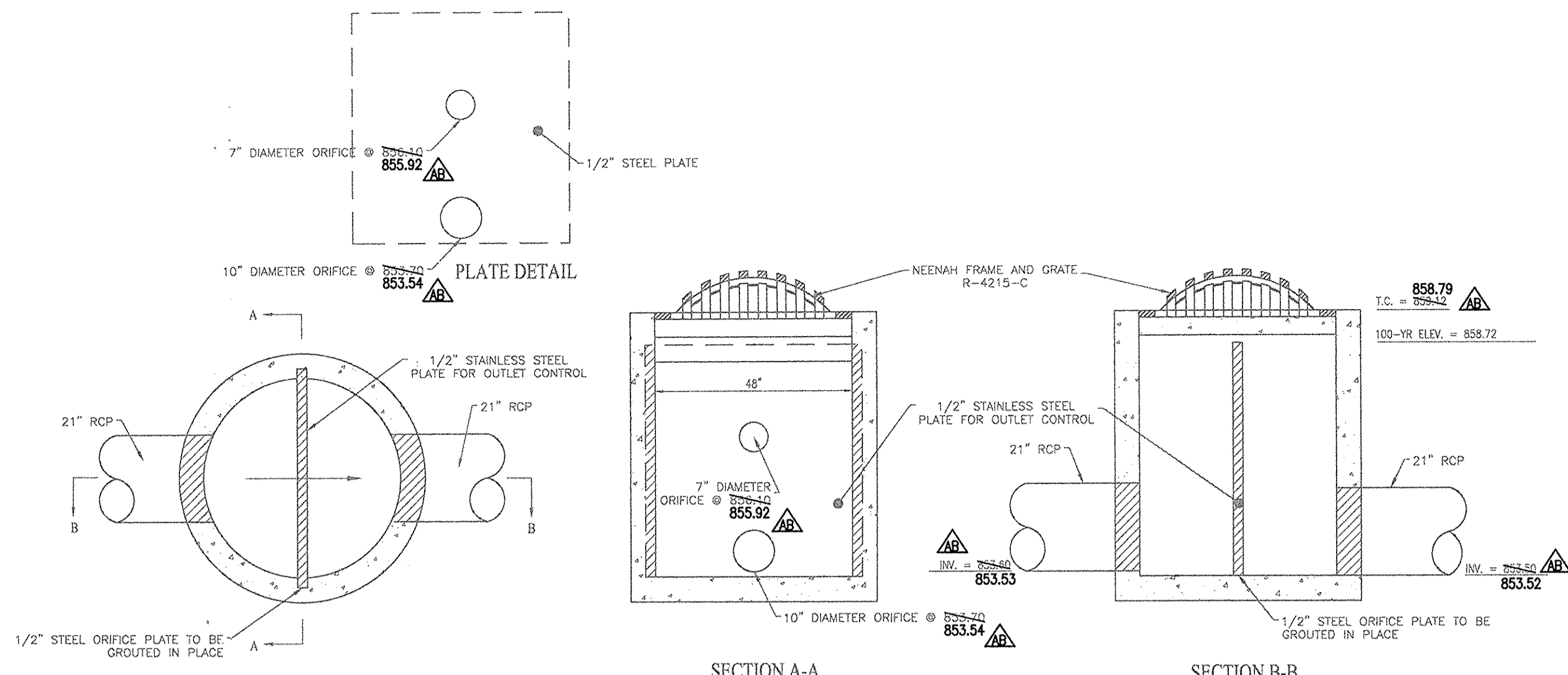
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS. Entry Date: 2018 Entered By: SLM



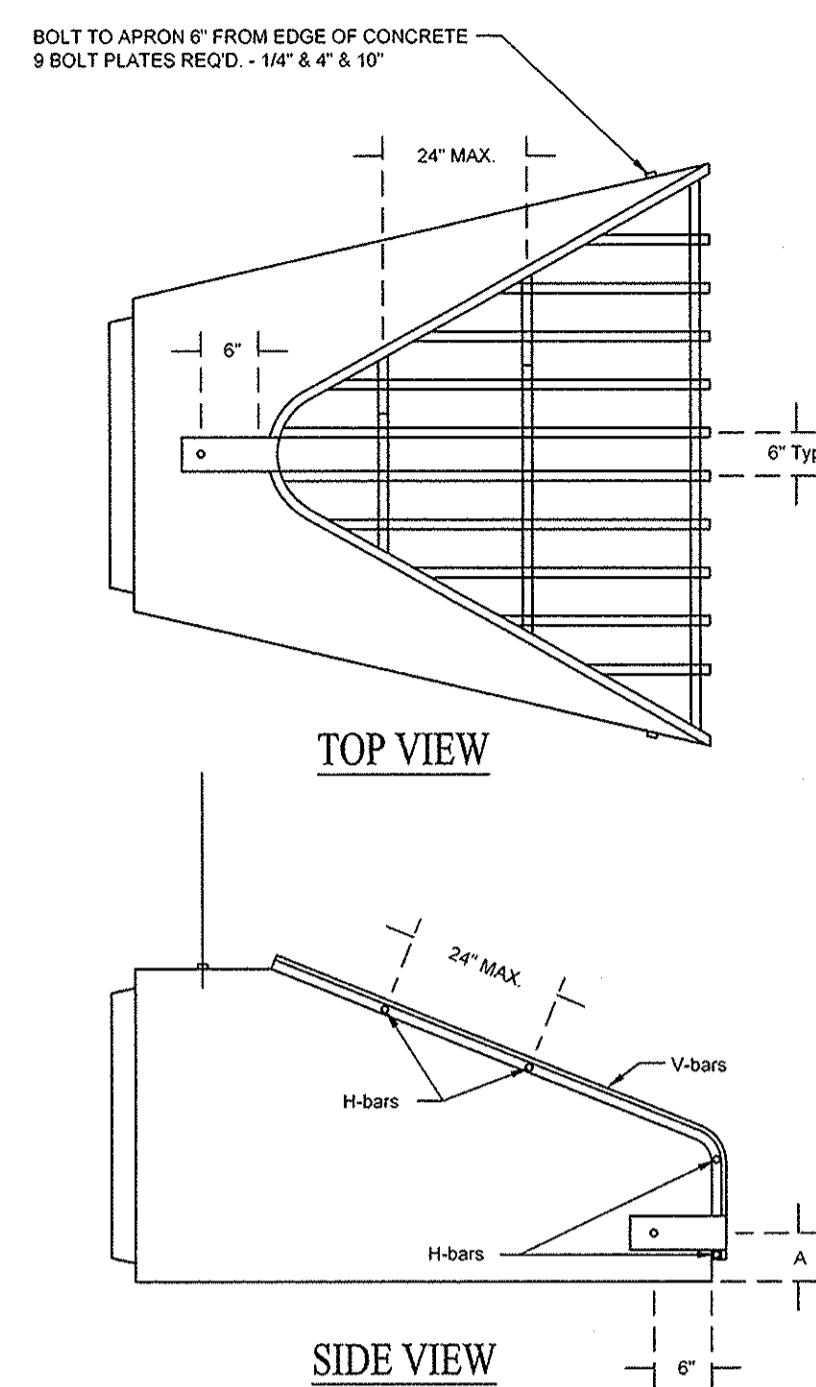
PROFILE LEGEND: EXISTING GRADE, FINISHED GRADE, GRANULAR BACKFILL

THE HERITAGE AT VERMILLION SECTION TWO BEAZER HOMES INDIANA, LLP STORM SEWER PLAN & PROFILE Part of the 27.62 +/- A of Section 16, Township 17 North, Range 6 East, Paul Creek Township, Hamilton County, Indiana. SHEET NO. C601 PROJECT NO. W14.0496





RESTRICTOR PLATE INSTALLATION DETAIL  
OUTLET SPECIAL STRUCTURE POND "11" STR#615A  
(NO SCALE)



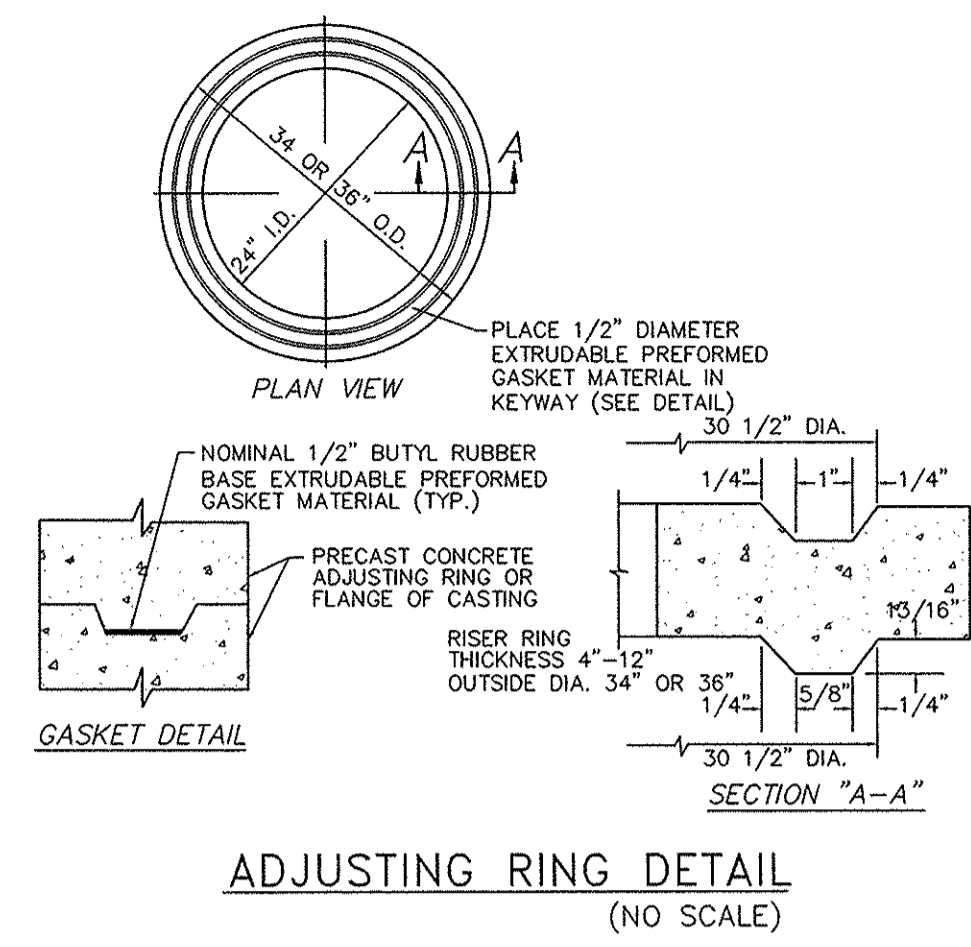
TRASH GUARDS FOR CONC. END SECTIONS  
(NO SCALE)

Apron Size	V-bar Size	H-bar Size	No. of H-bars Req'd.	Bolt Dia.	"A" Dim.
18	1/2"	5/8"	3	1/2"	5
24	5/8"	3/4"	4	1/2"	7
30	5/8"	3/4"	4	1/2"	7 1/2
36	3/4"	1"	4	1/2"	10 1/2
42	3/4"	1"	4	3/4"	11
48	3/4"	1 1/2"	4	3/4"	12
54	3/4"	1 1/2"	4	3/4"	12
60	3/4"	1 1/2"	5	3/4"	14
72	3/4"	1 1/2"	5	3/4"	14
84	3/4"	1 1/2"	6	3/4"	15

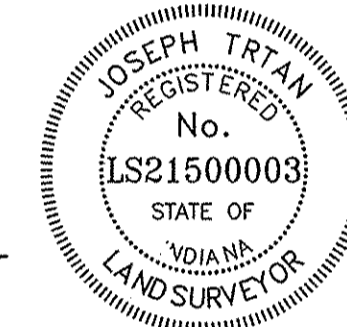
Round Pipe Aprons	V-bar Size	H-bar Size	No. of H-bars Req'd.	Bolt Dia.	"A" Dim.
12	1/2"	5/8"	3	1/2"	4
15	1/2"	5/8"	3	1/2"	4 1/2
18	1/2"	5/8"	4	1/2"	4 1/2
21	1/2"	5/8"	4	1/2"	5
24	5/8"	3/4"	4	1/2"	5
27	5/8"	3/4"	4	1/2"	5 1/2
30	5/8"	3/4"	4	1/2"	5 1/2
36	3/4"	1"	4	3/4"	8
42	3/4"	1"	4	3/4"	8
48	3/4"	1"	5	3/4"	8
54	3/4"	1 1/2"	5	3/4"	8
60	3/4"	1 1/2"	5	3/4"	8
66	3/4"	1 1/2"	6	3/4"	8
72	3/4"	1 1/2"	6	3/4"	9
84	3/4"	1 1/2"	7	3/4"	10
90	3/4"	1 1/2"	7	3/4"	14

- NOTES:  
1. BARS & PLATES ARE HOT-ROLLED STEEL.  
2. BARS, PLATES, & PIPE ARE FINISHED WITH 2 COATS OF ALUMINUM PAINT.  
3. BOLTS ARE GALVANIZED.  
4. NO REBAR THROUGH PIPES WILL BE ALLOWED.  
5. DEBRIS GUARD SHALL BE REMOVABLE.



ADJUSTING RING DETAIL  
(NO SCALE)

RECORD DRAWING  
STORM SEWER AS-BUILTS  
STORM SEWER STRUCTURES ONLY  
7-3-2017  
JOSEPH TRTAN, LS21500003



<b>Stormceptor</b>	<b>Rinker Materials</b>	DR. BY: DCT CK. BY:
STC 900(i) Precast Concrete Stormceptor (900 US Gallon Capacity - Modified for Intake)	DATE: 06/09/16	DATE: 06/09/16
PROJECT: Inlet Example LOCATION: Jobsite, IN	SCALE: N.T.S.	SCALE: N.T.S.
For: United, LLC	Dwg IN454 - 900i	CvrDII

72" Cover - Special: Dual Openings for Inlet Application  
Uses STC Multi-Insert

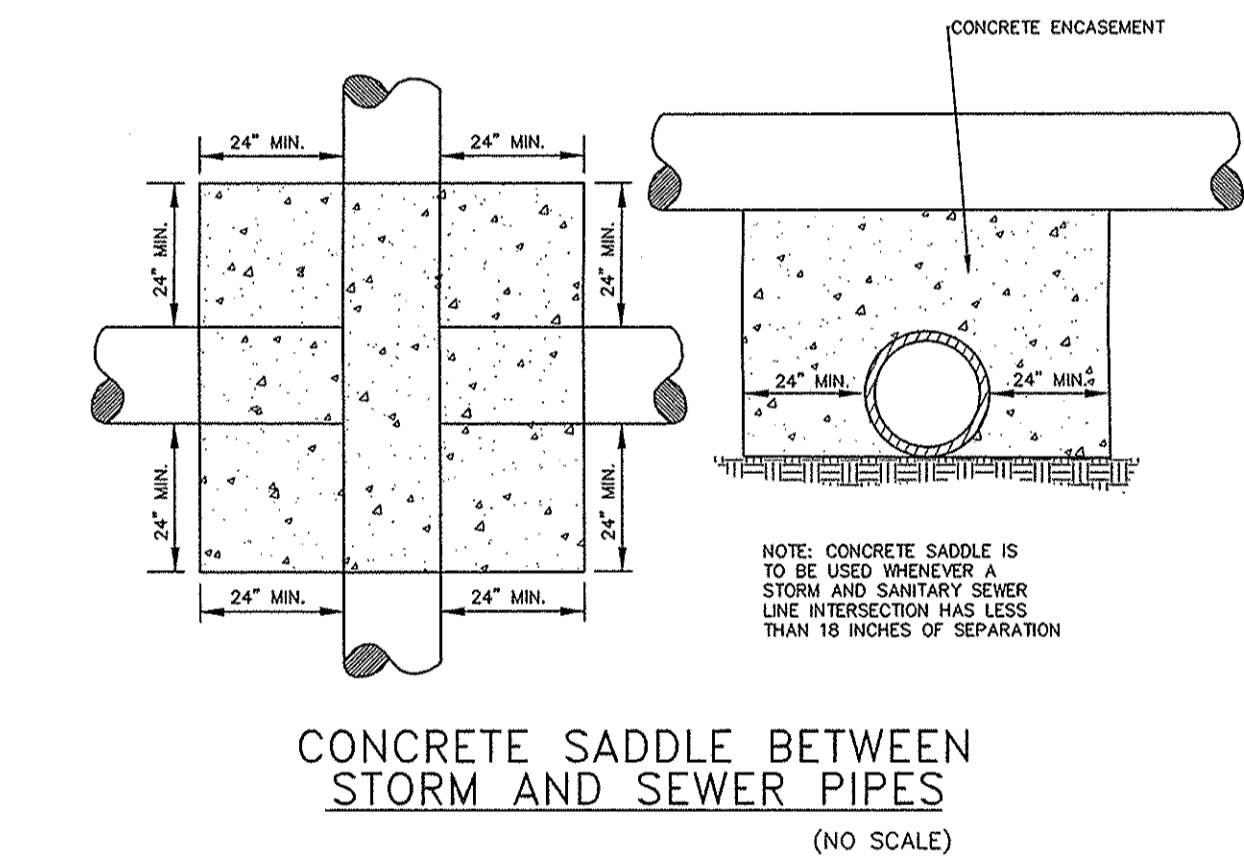
72" Cover - Reinforcement for HS-20 Loading

<b>Stormceptor</b>	<b>Rinker Materials</b>	DR. BY: DCT CK. BY:
STC 900(i) Precast Concrete Stormceptor (900 US Gallon Capacity - Modified for Intake)	DATE: 06/09/16	DATE: 06/09/16
PROJECT: 900i Example LOCATION: Jobsite, IN	SCALE: N.T.S.	SCALE: N.T.S.
	Dwg IN454 - 542	prof.

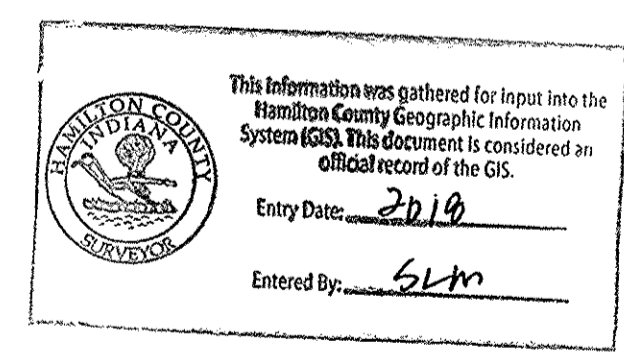
  

TIC: 859.68  
12" Out RCP 859.66

STC-900 Modified for Inlet Application  
Use Stormceptor MULTI-Insert



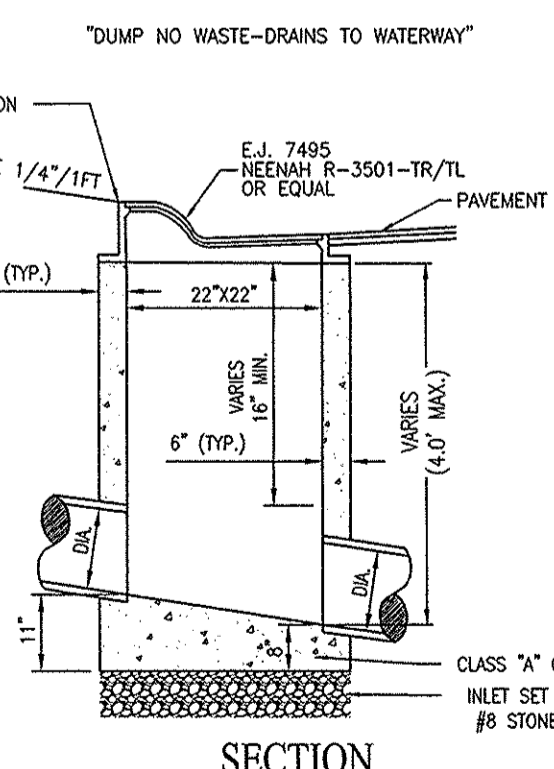
CONCRETE SADDLE BETWEEN  
STORM AND SEWER PIPES  
(NO SCALE)



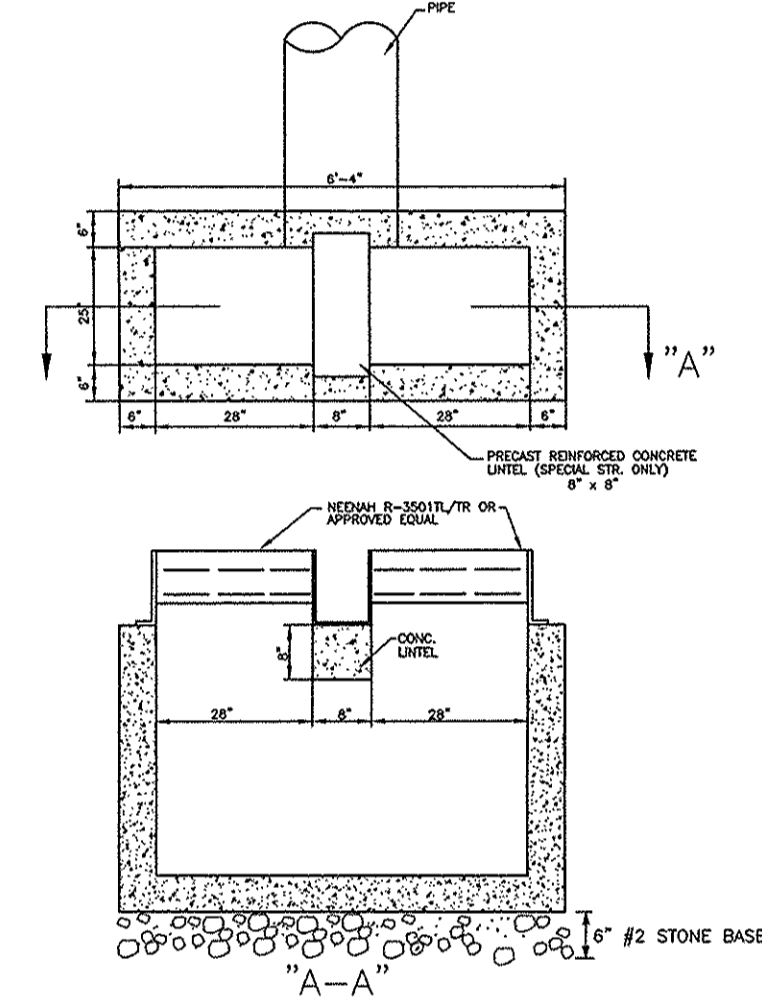
EMERGENCY SPILLWAY  
TYPICAL SECTION  
(NO SCALE)

POND DESIGNATION:	TOP OF BANK ELEV.:	100YR ELEV.:	SPILLWAY ELEV.:	SPILLWAY WIDTH:
"11"	860.00	858.38	858.4	45'
"12 TEMP"	860.00	858.87	860.3	15'

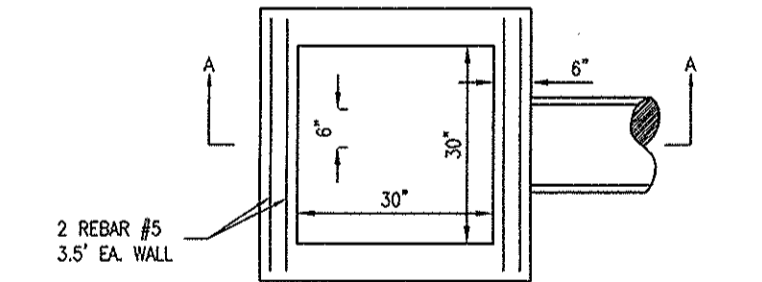
- NOTES:  
1. 6" CONCRETE PRECAST OR POURED IN PLACE.  
2. REFER TO BEDDING DETAIL AS REQUIRED.  
3. VAR. PIPE SIZE  
15" MAX STRAIGHT CONNECTIONS  
12" MAX SKEW/CORNER CONNECTIONS



CURB INLET TYPE "A"  
PIPE SIZES 12" TO 15"  
(NO SCALE)



DOUBLE CURB INLET  
STRUCTURE DETAIL  
(NO SCALE)



CURB INLET TYPE "E"  
(NO SCALE)

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

**WEIHER ENGINEERS**  
Land Surveying | Civil Engineering  
Landscape Architecture

PROJECT NO.: W14.0496  
DWG NAME: Details  
DESIGNER: DTR  
DRAWN BY: DTR  
CHECKED BY: AES  
DATE: 10.08.2015

BY: [Signature]  
DATE: [Blank]  
REVISIONS AND ISSUES: [Blank]

11/1/2016  
ALVIN E. SKOOG JR.  
REGISTERED PROFESSIONAL ENGINEER  
No. PE0880573  
STATE OF INDIANA  
[Signature]  
ALVIN E. SKOOG JR., P.E. 60880573

PREPARED FOR:  
**THE HERITAGE AT VERMILLION SECTION TWO**  
BEAZER HOMES INDIANA, LLP  
STORM SEWER DETAILS  
Part of the STR-17 / 14 of Section 15, Township 17 North, Range 6 East, Paul Creek Township, Hamilton County, Indiana.

SHEET NO.  
**C603**  
PROJECT NO.  
W14.0496

LOCATION: H:\2014\W140496\Section 2\Engineering\dwg\submittal\W140496\_C603\_Storm\_Details.dwg  
DATE/TIME PLOTTED: 10/14/2015 11:32am  
PLOTTED BY: weihers

