



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 14, 2018

To: Hamilton County Drainage Board

Re: Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing, Sec. 1 Relocation

Attached are petition and plans for the proposed reconstruction of the Sly Run Drain, Bliss Johnson Arm. This project is to be paid for by CalAtlantic Homes of Indiana, Inc. The proposal is to reconstruct the existing tile drain currently on parcels, owned by CalAtlantic Homes of Indiana, Inc., per the Albany Ridge at Conner Crossing, Sec. 1 project plans by Stoeppelwerth & Associates, Job No. 74770CAL-S1, revision date 07/17/2017.

The Bliss Johnson Drain was established by the Hamilton County Circuit Court per the viewers report dated July 27, 1940. In 2011, the drain was made an arm to the Sly Run Drain. See Drainage Board Minutes Book 13, pages 280-282.

Per the plans, the upstream end of this relocation will begin at a new manhole, Str. 111 (which is Sta. 10+45 of the original 1940 description) on the west side of Albany Ridge at Conner Crossing, Sec. 1 and drain southeast through Common Area #2. The drain will connect to a manhole (Str. 871) installed with the Sly Run Drain, Bliss Johnson Arm, Conner Crossing of Noblesville - Cottage Grove Sec. 2 relocation.

This reconstruction will consist of the following:

672' of 36" RCP

The new drain involves the lengths of drain between the following structures: 111, 112, 114, 871.

The newly installed drain will have a length of 672'.

Regarding the existing drain, this project will vacate 1031' of existing drain between the following locations: Existing Sta. 10+45 and 20+76.

This proposal will subtract 359' of footage from the original Bliss Johnson drain's total length.

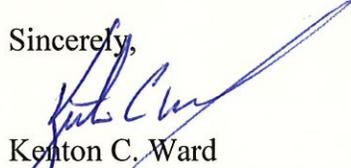
The cost of the project is to be paid by the developer. The petitioner has submitted surety in the form of a Subdivision Performance Bond as follows:

Bonding Company: Liberty Mutual Insurance Company
Date: May 3, 2017
Expiration Date: N/A
Number: 024072864
For: Albany Ridge at Conner Crossing, Sec. 1 - Drain Reconstruction
Amount: \$70,048.40
HCDB-2017-00029

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The easement for the new drain will be as per the easements shown on the secondary plat for Albany Ridge at Conner Crossing, Sec. 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing date for May 29, 2018.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: Albany Ridge Section 1)
Hamilton County, Indiana)

FILED
MAY 05 2017
OFFICE OF HAMILTON COUNTY SURVEYOR

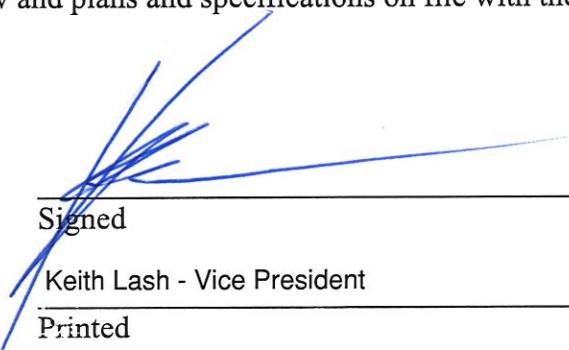
PETITION FOR RELOCATION AND RECONSTRUCTION

CalAtlantic Homes of Indiana (hereinafter Petitioner”),

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

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

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



Signed
Keith Lash - Vice President

Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Sly Run Drain, Bliss Johnson Arm,
Albany Ridge at Conner Crossing Section 1 Relocation

Station 10+45 to Station 20+76

On this 29th day of May, 2018, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing Section 1 Relocation (Station 10+45 to Station 20+76).

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing Section 1 Relocation (Station 10+45 to Station 20+76).

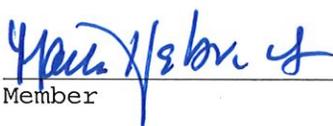
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest:



STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
***Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing
Section 1 Relocation***

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the ***Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing Section 1 Relocation*** came before the Hamilton County Drainage Board for hearing on ***May 29, 2018***, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

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

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

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

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

Wherefore, it is ORDERED, that the proposed Reconstruction of the ***Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing Section 1 Relocation*** be and is hereby declared established.

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

HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT

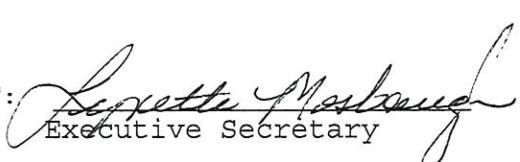


Member



Member

ATTEST:



Executive Secretary

FILED

MAY 05 2017

SUBDIVISION BOND

OFFICE OF HAMILTON COUNTY SURVEYOR

Bond No.: 024072864

Principal Amount: \$70,049.40

HCDB-2017-00029

KNOW ALL MEN BY THESE PRESENTS, that we CalAtlantic Homes of Indiana, Inc., 9025 N. River Road, Suite 100, Indianapolis, IN 46240 as Principal, and Liberty Mutual Insurance Company, 790 The City Drive South, Suite 200, Orange, CA 92868, a Massachusetts Corporation, as Surety, are held and firmly bound onto Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville, IN. 46060, as Obligee, in the penal sum of Seventy Thousand Forty Nine and 40/100 Dollars (\$70,049.40), lawful money of the United States of America, for the payment of which will and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, CalAtlantic Homes of Indiana, Inc. has agreed to construct in Albany Ridge at Conner Crossing, Section 1 Subdivision, in Hamilton County, IN the following improvements:

Legal Drain Reconstruction

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvement 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 until released by the Obligee, and the Surety, upon receipt of a resolution of the Obligee indicating that the improvements have not been installed or completed per the requirement of the Obligee, 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, but only by doing a rider to this original bond.

Signed, sealed and dated, this 3rd day of May, 2017.

CalAtlantic Homes of Indiana, Inc.

Principal

Liberty Mutual Insurance Company

Surety

By: _____

Name and Title: Keith Lash - Vice Pres.

By: _____

Name and Title: Tracy Aston, Attorney-in-Fact

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

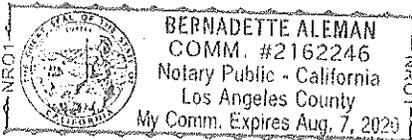
State of California

County of Los Angeles

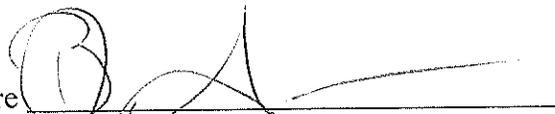
On MAY - 3 2017 before me, Bernadette Aleman, Notary Public, personally appeared Tracy Aston who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(~~ies~~), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature



(Signature of Notary Public)

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7555996

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, April Martinez; Ashraf Elmasry; B. Aleman; Daravy Mady; Edward C. Spector; James Ross; KD Conrad; Kristine Mendez; Lisa K. Crail; Marina Tapia; Misty Wright; Nathan Varnold; Paul Rodriguez; Renato F. Reyes; Simone Gerhard; Tracy Aston

all of the city of Los Angeles, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 30th day of November, 2016.



The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 30th day of November, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

MAY - 3 2017

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, 20_____.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

*Sly Run Drain, Bliss Johnson Arm
Albany Ridge at Conner Crossing Section 1 Relocation*

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Sly Run Drain, Bliss Johnson Arm, Albany Ridge at Conner Crossing Section 1 Relocation** on **May 29, 2018 at 9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

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

IN THE MATTER OF Sly Run Drain, Bliss Johnson Arm, Albany
Ridge at Conner Crossing Section 1 Relocation

NOTICE

Notice is hereby given that the Hamilton County
Drainage Board at its regular meeting **May 29, 2018** adopted
the reconstruction report of the Surveyor and the Amended
Schedule of damages and assessments including annual
assessment for periodic maintenance, finding that the
costs, damages and expense of the proposed improvement
would be less than the benefits which will result to the
owner of lands benefited thereby.

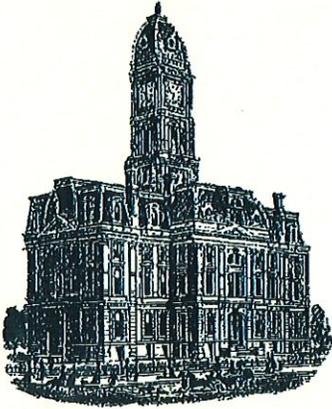
The Board issued an order declaring the proposed
improvement established. Such findings and order were
marked filed and are available for inspection in the Office
of the Hamilton County Surveyor.

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

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

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

To: Hamilton County Drainage Board

September 5, 2018

Re: Sly Run- Bliss Johnson Drain: Albany Ridge at Conner Crossing Sec. 1

Attached are as-built, certificate of completion & compliance, and other information for Albany Ridge at Conner Crossing Sec. 1. 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 14, 2018. The report was approved by the Board at the hearing held May 29, 2018. (See Drainage Board Minutes Book 18, Pages 146-148) The changes are as follows: the 672 feet of 36" RCP was lengthened to 673 feet. The length of the drain due to the changes described above is now **673 feet**. This project removed 1,031 feet of existing tile.

The non-enforcement was approved by the Board at its meeting on May 29, 2018 and recorded under instrument #2018023661. The following sureties were guaranteed by Liberty Mutual Insurance Company and released by the Board on its August 27, 2018 meeting.

Bond-LC No: 024072864
Amount: \$70,048.40
For: Storm Sewers & SSD
Issue Date: May 3, 2017

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

FILED

APR 17 2018

OFFICE OF HAMILTON COUNTY SURVEYOR

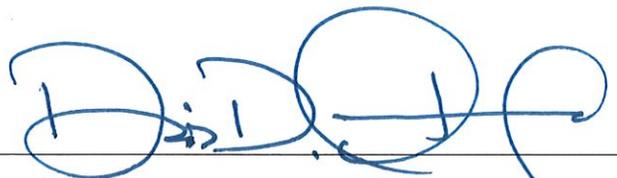
CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Albany Ridge at Conner Crossing, Section 1

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.

Signature:  Date: 4/16/2018

Type or Print Name: Dennis D. Olmstead

Business Address: Stoepelwerth & Associates, Inc.
7965 East 106th Street, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

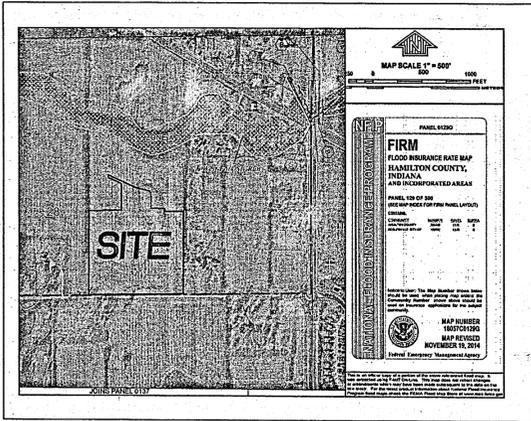


900012

ALBANY RIDGE AT CONNER CROSSING

SECTION ONE

Developed by:
CalAtlantic Homes of Indiana, Inc.
 9025 North River Road, Suite 100
 Indianapolis, Indiana 46240
 Contact: Keith Lash
 Phone: (317) 846-4281



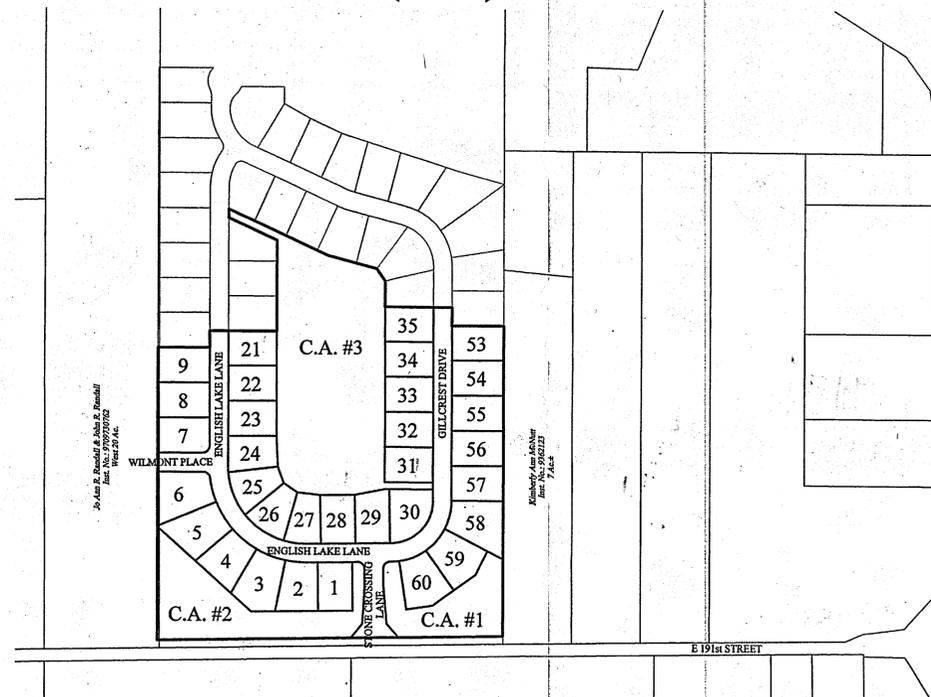
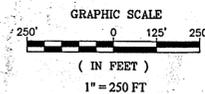
FLOOD STATEMENT
 THIS SITE DOES NOT LIE WITHIN AE ZONE
 PER FIRM 18057C0164G DATED NOV. 19, 2014

THERE ARE NO WETLANDS IMPACTED
 BY THIS PROPOSED PROJECT
 BASED ON THE FEMA BASE FLOOD ELEVATION
 FOR THIS AREA. THERE WILL BE NO POTENTIAL
 FLOODING OF THIS PROPERTY VIA OUTFALL OR
 STORM PIPING SYSTEMS.

SHT.	INDEX	DESCRIPTION
C001	COVER SHEET	
C100-C101	TOPOGRAPHICAL SURVEY	
C200-C204	SITE DEVELOPMENT PLAN OFFSITE SITE DEVELOPMENT PLAN OFFSITE TEMPORARY STORM WATER POLLUTION & PREVENTION PLAN EMERGENCY FLOOD ROUTE	
C300-C308	INITIAL STORM WATER POLLUTION & PREVENTION PLAN TEMPORARY STORM WATER POLLUTION & PREVENTION PLAN PERMANENT SEDIMENT & EROSION CONTROL PLAN STORM WATER POLLUTION & PREVENTION SPECIFICATIONS STORM WATER POLLUTION & PREVENTION DETAILS	
C400-C409	STREET PLAN & PROFILES ENTRANCE & INTERSECTION DETAILS TRAFFIC CONTROL PLAN TRAFFIC MAINTENANCE PLAN UTILITY PLAN MAILBOX PLAN	
C500-C501	SANITARY SEWER PLAN & PROFILE	
C600-C604	STORM SEWER PLAN & PROFILES SUB-SURFACE DRAIN PLAN	
C700-C702	WATER PLAN WATER DETAILS	
C800-C802	CONSTRUCTION DETAILS	
C900	LANDSCAPE PLAN	

SHT.	NOBLESVILLE DETAILS INDEX	DESCRIPTION
1	DIRECTIONS FOR USE, & GENERAL NOTES	
2	RIGHT-OF-WAY & UTILITY ESMT. GUIDELINES	
3	PAVEMENT, CURB & SIDEWALK DETAILS AND NOTES	
4	STORM SEWER BEDDING DETAILS AND NOTES	
5	STORM SEWER MANHOLES, INLETS, & GENERAL NOTES	
6	SANITARY SEWER BEDDING DETAILS AND NOTES	
7	SANITARY SEWER DETAILS AND NOTES	
8	MISCELLANEOUS DETAIL AND NOTES I	
9	SIGN, DRIVEWAY, AND DECORATIVE SIDEWALK DETAILS	
10	MISCELLANEOUS DETAILS AND NOTES III	
11	STREET CUT DETAILS	
12	STREET LIGHTING & TRAFFIC SIGNAL STANDARDS, DETAILS AND NOTES	
13	LANDSCAPE PLANTING AND SEEDING DETAILS AND GENERAL NOTES	

SHT.	REVISIONS	DESCRIPTION	DATE	BY
ALL	REVISED PER TAC COMMENTS		03/14/17	PDR
C200, C301, C402, C404, C406-C408, C600-C603	REVISED PER CITY COMMENTS		06/02/17	ADG
ALL	DELETED CLOVERDALE LN PER CITY COMMENTS		06/13/17	ADG
C200, C301, C301-C302, C401-C402, C501, C600-C603, & C801	REVISED PER CITY COMMENTS		07/06/17	ADG
C405, & C500-C502	REVISED PER CITY COMMENTS		07/10/17	ADG
Cover, C400s, C600s, C700	REVISED PER CITY COMMENTS		07/14/17	JSM
ALL	REVISED PER CITY COMMENTS		07/17/17	ADG
C900	INSERT LANDSCAPE PLAN TO CONST. SET		07/18/17	BAH
ALL	AS BUILTS		03/08/18	CCE



STREET	SEGMENT	CL LENGTH
STONE CROSSING LANE	0+00.00 - 2+84.70	284.70 L.F.
CLOVERDALE LANE	5+57.89 - 11+31.10	573.21 L.F.
GILLCREST DRIVE	11+31.10 - 17+13.61	582.51 L.F.
ENGLISH LAKE LANE	0+00.00 - 5+57.89	557.89 L.F.
WILMONT PLACE	0+00.00 - 1+77.00	177.00 L.F.
TOTAL		2,175.29 L.F.

SIZE	LENGTH
5" CONCRETE	4,129 L.F.

TYPE	LENGTH
Roll Curb	4,380 L.F.

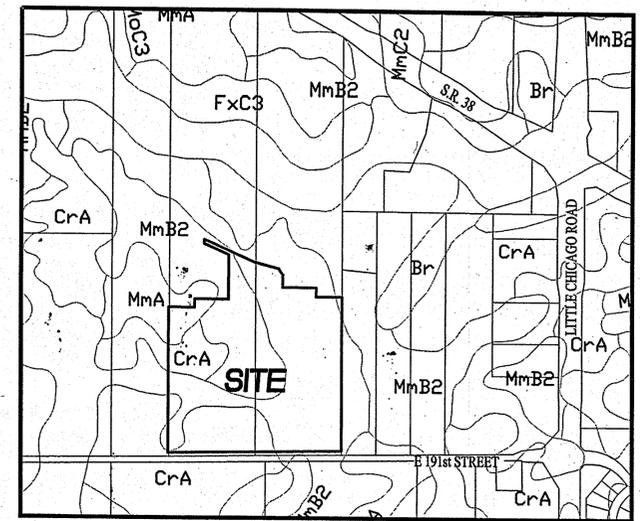
TYPE	NUMBER
SPEED LIMIT SIGN	2
TOTAL	2

MANHOLE	DEPTH	NUMBER
TYPE "A"	6'-8"	1
TYPE "A"	8'-10"	2
TYPE "A"	10'-12"	3
TYPE "A"	12'-14"	3
TYPE "A"	14'-16"	2
TOTAL		11

PIPE	DEPTH	LENGTH
8" PVC SDR 26	12'-14"	1,086 L.F.
8" PVC SDR 26	14'-16"	81 L.F.
8" PVC SDR 35	6'-8"	397 L.F.
8" PVC SDR 35	8'-10"	465 L.F.
8" PVC SDR 35	10'-12"	322 L.F.
TOTAL		2,351 L.F.

STRUCTURE	DEPTH	NUMBER
TYPE "A"	2'-4"	3
TYPE "B"	2'-4"	2
TYPE "B"	4'-6"	2
TYPE "C"	2'-4"	4
TYPE "C"	4'-6"	5
TYPE "C"	6'-8"	4
TYPE "C"	8'-10"	2
TYPE "C"	12'-14"	1
TYPE "E"	0'-2"	1
TYPE "E"	2'-4"	5
TYPE "F"	2'-4"	1
TYPE "H"	4'-6"	2
TYPE "H"	6'-8"	2
BYPASS STRUCTURE	4'-6"	3
BYPASS STRUCTURE	6'-8"	1
BYPASS STRUCTURE	8'-10"	1
END SECTION	0'-2"	4
OUTLET CONTROL STRUCTURE	2'-4"	1
TOTAL		44

PIPE	DEPTH	LENGTH
12" RCP Type 3	2'-4"	914 L.F.
12" RCP Type 3	4'-6"	344 L.F.
12" RCP Type 3	10'-12"	198 L.F.
12" RCP Type 3	12'-14"	537 L.F.
15" RCP Type 3	2'-4"	319 L.F.
15" RCP Type 3	4'-6"	332 L.F.
15" RCP Type 3	6'-8"	133 L.F.
15" RCP Type 3	8'-10"	182 L.F.
18" RCP Type 3	2'-4"	171 L.F.
18" RCP Type 3	4'-6"	246 L.F.
18" RCP Type 3	6'-8"	125 L.F.
21" RCP Type 3	4'-6"	72 L.F.
21" RCP Type 3	6'-8"	32 L.F.
21" RCP Type 3	8'-10"	169 L.F.
24" RCP Type 3	6'-8"	212 L.F.
27" RCP Type 3	4'-6"	31 L.F.
36" RCP Type 3	6'-8"	106 L.F.
36" RCP Type 3	8'-10"	567 L.F.
TOTAL		4,690 L.F.

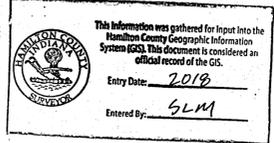


SOILS MAP
 SCALE: 1"=500'

Map Unit: Br - Brookston silty clay loam
 This poorly drained soil has a seasonal high water table above the surface or within 1.0 ft. and is in depressions. Slopes are 0 to 2 percent. The native vegetation is water tolerant grasses and hardwoods. The surface layer is silty clay loam and has moderate or high organic matter content (2.0 to 5.0 percent). Permeability is moderately slow (0.2 to 0.6 in/hr) in the most restrictive layer above 60 inches. Available water capacity is high (10.0 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 6.1 to 7.3. This soil is hydric. Wetness is a management concern for crop production. This soil responds well to tile drainage.

Map Unit: MmA - Miami silt loam, 0 to 2 percent slopes, gravelly substratum
 This well drained soil has a water table at a depth greater than 40 inches and is on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low organic matter content (1.0 to 3.0 percent). Permeability is moderately slow (0.2 to 0.6 in/hr) in the most restrictive layer above 60 inches. Available water capacity is moderate (7.7 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness is a management concern for crop production.

Map Unit: CrA - Crosby silt loam, 0 to 2 percent slopes
 This is a somewhat poorly drained soil and has a seasonal high water table at 0.5 to 2.0 ft. and is on rises on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low or moderate organic matter content (1.0 to 3.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is moderate (6.2 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and wetness are management concerns for crop production. This soil responds well to tile drainage.



THE CITY OF NOBLESVILLE STANDARDS FOR PUBLIC INFRASTRUCTURE CONSTRUCTION SHALL BE INCORPORATED BY REFERENCE INTO THESE PLANS. IN THE EVENT THAT CONFLICTING STANDARDS OCCUR, THE FOLLOWING ORDER OF PRECEDENCE SHALL GOVERN.

A. CITY OF NOBLESVILLE STANDARDS
 B. INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATION
 C. TEN STATE STANDARDS
 D. PROJECT SPECIFIC PROVISIONS
 E. ANY OTHER APPLICABLE STANDARDS AND SPECIFICATIONS.

NO ALTERNATE SPECIFICATIONS OR MATERIALS OR NEW MATERIALS MAY BE USED WITHOUT THE EXPRESS WRITTEN APPROVAL FROM THE CITY OF NOBLESVILLE PRIOR TO THE COMPLETION OF THE WORK.

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/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 TO COMPLY WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES.

PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 7965 EAST 106TH STREET
 FISHERS, INDIANA 46038
 PHONE: (317)-849-5935
 FAX: (317)-849-5942
 CONTACT PERSON: BRETT A. HUFF
 EMAIL: bhuff@stoepfelwerth.com

PLANS CERTIFIED BY:
 David J. Stoepfelwerth 01/30/2017
 DAVID J. STOEPPELWERTH DATE
 PROFESSIONAL ENGINEER
 NO. 19358

RECORD DRAWING

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 3/14/2018



UTILITY CONTACTS

Cable: Comcast Cable, 5330 East 66th Street, Indianapolis, Indiana 46220, Ph: (317) 275-6493, Attn: Matthew Stringer

Fiber Optic: MCLoud USA, 6400 S. Street SW, P.O. Box 3177, Cedar Rapids, IA 52406, Ph: (317) 697-2863, Attn: Steve

Sanitary Sewer: City of Noblesville, Wastewater Department, 197 West Washington Street, Noblesville, Indiana 46060, Ph: (317) 776-6353

Storm Sewer: City of Noblesville, Department of Engineering, 16 South 10th Street, Suite 155, Noblesville, Indiana 46060, Ph: (317) 776-6330

Electric: Duke Energy Indiana, 100 South Mill Creek Road, Noblesville, Indiana 46062, Ph: (317) 776-5365, Attn: Jessica Herrington

Gas: Vectren Energy Delivery, 16000 Allisonville Road, Noblesville, Indiana 46060, Ph: (317) 776-5537, Attn: Cathy Mieszen

Telephone: AT&T - Engineering, 240 N. Meridian St., 2nd Floor, Rm. 280, Indianapolis, Indiana 46204, Ph: (317) 252-4267, Attn: Brian Peters

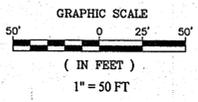
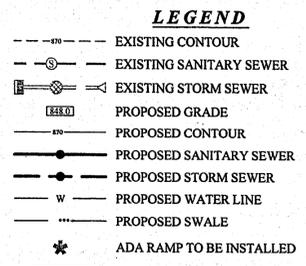
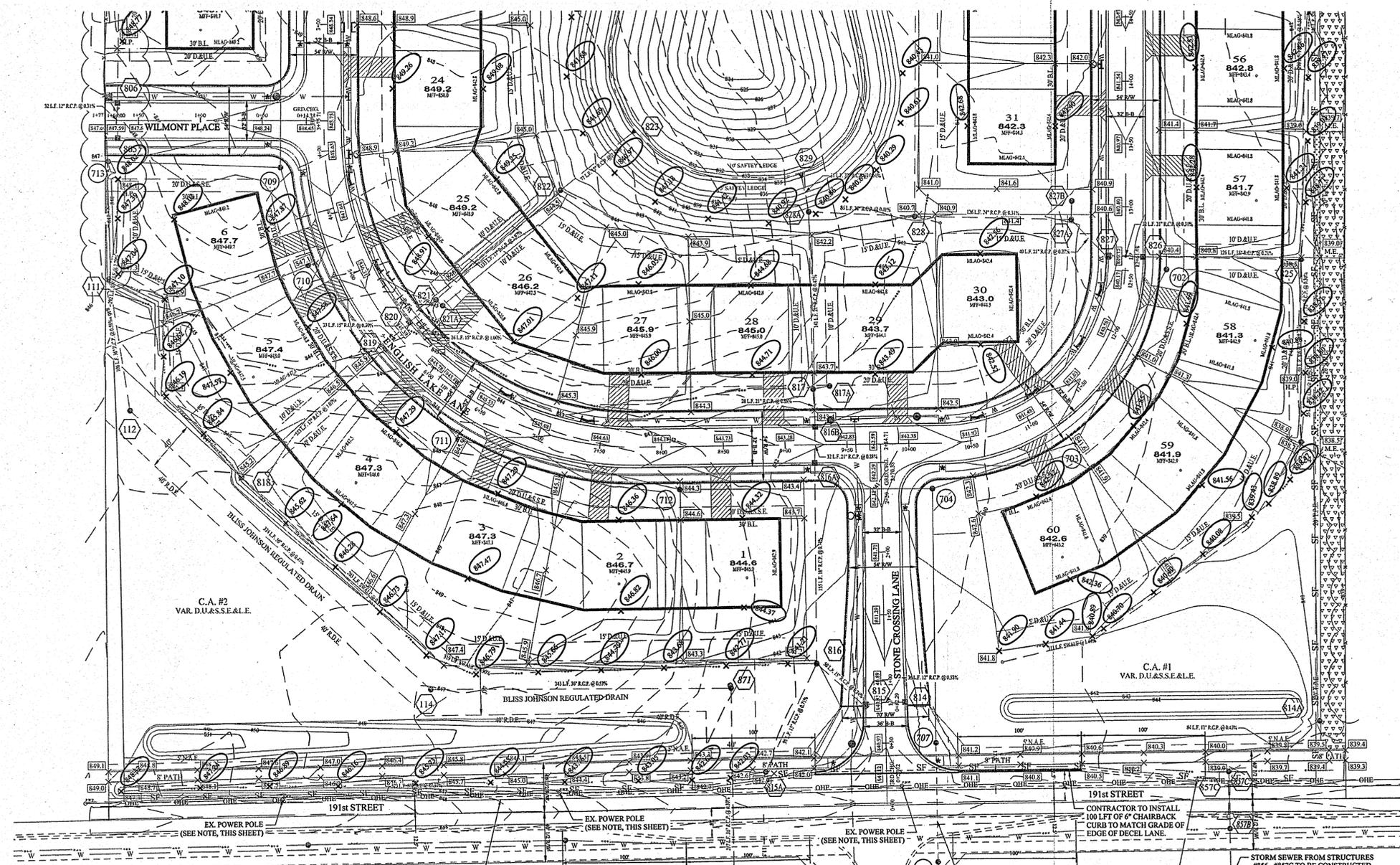
Water: Citizens Energy Group, 2150 Dr. Martin Luther King Jr. Street, Indianapolis, IN 46202, Ph: (317) 264-7715, Attn: Dale Koch

ITEM	AMOUNT
TEMP SEEDING	6.16 Ac.
PERM SEEDING	10.48 Ac.
EROS BLANKET	1.78 Ac.
TOTAL	18.42 Ac.

PIPE	DEPTH	LENGTH
6" HDPE Type SSD	2'-4"	3,472 L.F.
TOTAL		3,472 L.F.

Vertical Text on the left edge of the drawing, including project name and date.

Vertical text on the right edge of the drawing, including project name and date.



PROPOSED 5' SIDEWALK (BY HOME BUILDER)
(DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)

PROPOSED 6" UNDERDRAINS UNDER SAG CURB
INLETS (SEE SHEET 5 NOBLESVILLE DETAILS NOTE #22)

MINIMUM FINISH FLOOR ELEVATION IS BASED OFF OF THE BELOW

1. (1) FOOT ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM SANITARY MANHOLE, WHICHEVER IS LOWEST.
2. 15" (1.25') ABOVE THE ROAD ELEVATION
3. 6" (0.5') ABOVE THE MLAG

MINIMUM LOWEST ADJACENT GRADE (FLOOD PROTECTION)

FOUNTAIN

FLOODWAY

BASE FLOOD ELEVATION FOR ZONE "AE" AS CALCULATED FROM FIRM MAP 18057C0164G (FEMA) DATED NOV. 19, 2014

FLOODWAY FRINGE ZONE AE AS SCALED FROM FIRM MAP 18057C0164G (FEMA) DATED NOV. 19, 2014

FLOODWAY ZONE AE AS SCALED FROM FIRM MAP 18057C0164G (FEMA) DATED NOV. 19, 2014

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: 2/19

Entered By: GLM

- NOTES:
1. THIS SUBDIVISION MEETS A.D.A. REQUIREMENTS AND SUBDIVISION CODE STANDARDS.
 2. ALL OFF-SITE AND EXISTING DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE).
 3. ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.
 4. LOWEST OPENINGS OF HOMES MUST BE AT LEAST 2 FEET ABOVE THE 100 YEAR POOL ELEVATION OF THE NEAREST POND
 5. CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
 6. IF EXISTING FIELD TILES ARE ENCOUNTERED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERPETUATE THESE FIELD TILES INTO THE PROPOSED STORM SEWER SYSTEM. CONTRACTOR SHALL COORDINATE THESE CONNECTIONS WITH THE HAMILTON COUNTY'S SURVEYOR'S OFFICE AT 317-776-8495.
 7. CONTRACTOR SHALL STAMP THE LETTER "S" IN THE CURB OF THE ROAD PERPENDICULAR TO THE LATERAL MARKER.
 8. IT IS RECOMMENDED THAT ANY BASEMENT FLOOR IS AT LEAST A FOOT ABOVE THE NORMAL POOL ELEVATION TO AVOID THE OVERUSE OF SUMP PUMPS AND POTENTIAL FREQUENT FLOODING OF BASEMENTS.
 9. ALL STORM DRAIN CASTINGS WILL REQUIRE A NO DUMPING MESSAGE AS SPECIFIED ON SHEET 5 OF THE CITY OF NOBLESVILLE ENGINEERING STANDARDS.
 10. SEE NOBLESVILLE STANDARD DETAILS (SHEET 5) FOR SWALE SPECIFICATIONS.
 11. SEE NOBLESVILLE STANDARD DETAILS (SHEET 10) FOR LATERAL TO THE REAR YARD SWALE SPECIFICATIONS.
 12. THE BUILDINGS LOWEST ENTRY ELEVATION THAT IS ADJACENT TO AND FACING A ROAD SHALL BE A MINIMUM OF 15" ABOVE THE ROAD ELEVATION.
 13. SEE SHEETS C604 FOR SUB SURFACE DRAIN INFORMATION.

- EARTHWORK:**
1. EXCAVATION
 - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - B. Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 2. REMOVAL OF TREES
 - A. All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 3. PROTECTION OF TREES
 - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
 4. REMOVAL OF TOPSOIL
 - A. All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 5. UTILITIES
 - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 6. SITE GRADING
 - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - B. The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.05 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

- LEGEND**
- 69 LOT NUMBER
 - B.L. BUILDING LINE
 - D.&U.E. DRAINAGE & UTILITY EASEMENT
 - D.U.&S.S.E. DRAINAGE UTILITY & SANITARY SEWER EASEMENT
 - C.A. COMMON AREA
 - R/W RIGHT OF WAY
 - L.E. LANDSCAPE EASEMENT
 - N.A.E. NON ACCESS EASEMENT
 - R.D.E. REGULATED DRAINAGE EASEMENT
 - T.P.E. TREE PRESERVATION EASEMENT

RECORD DRAWING

Dennis D. Olmstead
Registered Land Surveyor
No. 900012



FILED
APR 17 2018

STOEPPELWERTH
 ALWAYS ON
 408-2505
 448-5392

SITE DEVELOPMENT PLAN

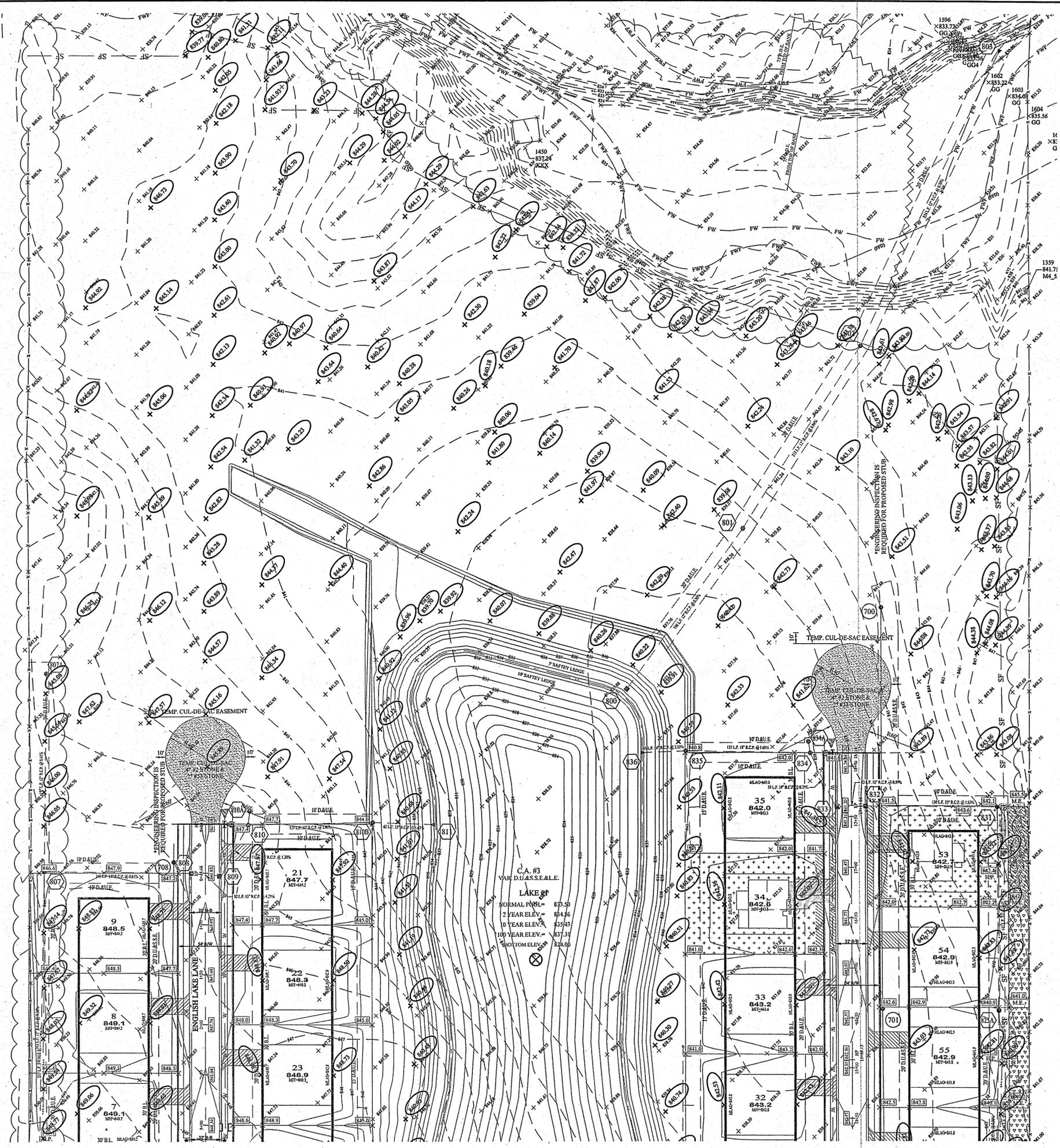
DELETED CLOVEDEALE LN PER CITY COMMENTS
 REVISED PER CITY COMMENTS
 AS BUILTS
 REVISED PER CITY COMMENTS
 ADD
 REVISED GRADING IN SOUTHEAST CORNER
 JSM
 REVISED PER TAC COMMENTS
 PER
 REVISIONS
 BY

THIS DRAWING IS NOT INTENDED TO BE ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.
 CERTIFIED: 01/30/17
 David J. Stappeler

REGISTERED
 No. 19358
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Name: S:\7470CAL-S\DM\WC200 Site Development Plan.dwg - C200
 Created: March 13, 2018 11:56:51 AM / cesposito
 Plotted: March 14, 2018 11:41:46 AM / Christian Esposito

File Name: S:\7470CAL-S1\DWG\C200 Site Development Plan.dwg - C201
 March 13, 2018 11:56:51 AM / cespisito
 Modified / By:
 Plotted / By:

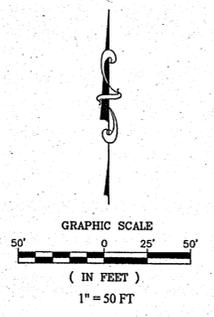


- LEGEND**
- - - - - EXISTING CONTOUR
 - - - - - EXISTING SANITARY SEWER
 - ⊗ - - - - EXISTING STORM SEWER
 - - - - - PROPOSED GRADE
 - - - - - PROPOSED CONTOUR
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED WATER LINE
 - PROPOSED SWALE
 - * ADA RAMP TO BE INSTALLED
 - XXX
XXXX.X LOT NUMBER
PAD ELEVATION
 - PROPOSED 5' SIDEWALK (BY HOME BUILDER)
(DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)
 - PROPOSED 6" UNDERDRAINS UNDER SAG CURB
INLETS (SEE SHEET 5 NOBLESVILLE DETAILS NOTE #22)
 - MF XXXX.X MINIMUM FINISH FLOOR ELEVATION IS BASED OFF OF THE BELOW
 1. (1) FOOT ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM SANITARY MANHOLE, WHICHEVER IS LOWEST.
 2. 15" (1.25') ABOVE THE ROAD ELEVATION
 3. 6" (0.5') ABOVE THE MLAG
 - MLAG XXXX.X MINIMUM LOWEST ADJACENT GRADE (FLOOD PROTECTION)
 - ⊗ FOUNTAIN (SEE SHEET C800 FOR DETAILS)

FLOODWAY

BASE FLOOD ELEVATION FOR ZONE "AE" AS CALCULATED FROM FIRM MAP
 18057C0164G (FEMA)
 DATED NOV. 19, 2014
 FLOODWAY FRINGE ZONE AE AS SCALED FROM FIRM MAP
 18057C0164G (FEMA)
 DATED NOV. 19, 2014
 FLOODWAY ZONE AE AS SCALED FROM FIRM MAP
 18057C0164G (FEMA)
 DATED NOV. 19, 2014

- LEGEND**
- 69 LOT NUMBER
 - B.L. BUILDING LINE
 - D.&U.E. DRAINAGE & UTILITY EASEMENT
 - D.U.&S.E. DRAINAGE UTILITY & SANITARY SEWER EASEMENT
 - C.A. COMMON AREA
 - R/W RIGHT OF WAY
 - L.E. LANDSCAPE EASEMENT
 - N.A.E. NON ACCESS EASEMENT
 - R.D.E. REGULATED DRAINAGE EASEMENT
 - T.P.E. TREE PRESERVATION EASEMENT



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: 2/18/18
 Entered By: SLM

RECORD DRAWING

D.D.O.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 3/14/2018

REGISTERED
 No. 900012
 STATE OF INDIANA
 LAND SURVEYOR

811
 Know what's below.
 Call before you dig.



FILED
 APR 17 2018
 OFFICE OF HAMILTON COUNTY SURVEYOR

DELETED CLOVERDALE LN PER CITY COMMENTS
 REVISED PER CITY COMMENTS
 AS BUILTS
 REVISED PER CITY COMMENTS
 REVISED PER TAC COMMENTS
 DATE
 MARK

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACTION OR ORIGINAL BOUNDARY SURVEY. A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

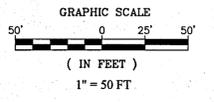
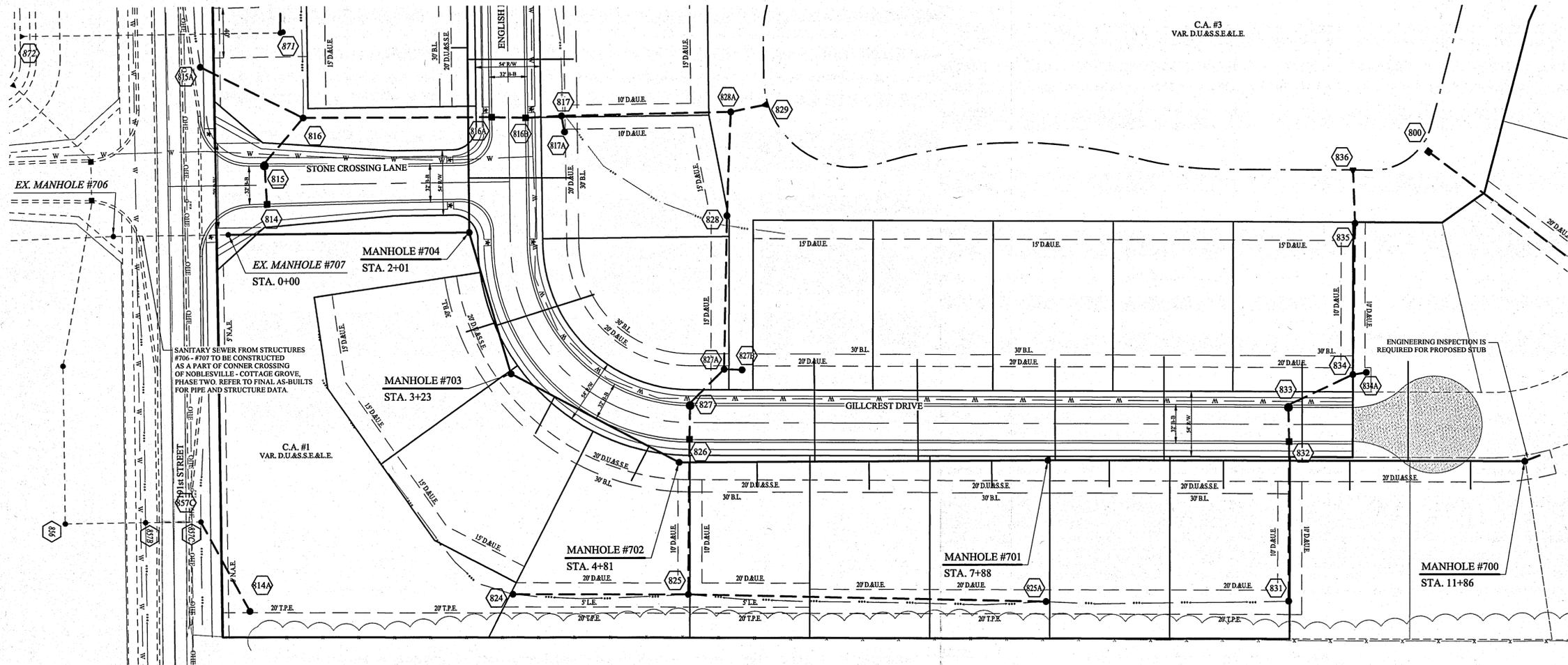
REGISTERED
 No. 19358
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

CERTIFIED: 01/30/17
David J. Stoppelwerth

STOEPPELWERTH
 ALWAYS ON
 7945 Etn 104th Street Fishers IN 46038-2905
 Phone: 317.949.5935 Fax: 317.949.5942

SITE DEVELOPMENT PLAN
 ALBANY RIDGE at CONNER CROSSING
 SECTION ONE
 HAMILTON COUNTY, INDIANA
 NOBLESVILLE, WAYNE TOWNSHIP

DRAWN BY: PDR
 CHECKED BY: BAH
 SHEET NO.
C201
 S & A JOB NO.
 7470CAL-S1



- LEGEND**
- EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - W --- PROPOSED WATER LINE

--- DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES
 FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 6 OF 13 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.

NOTES
 FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 6 OF 16 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.

MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

CONTRACTOR SHALL INSTALL LATERAL NO CLOSER THAN 5' FROM BUILDING LINE AND NO GREATER THAN 6' DEEP AT LATERAL END.

REFER TO THE NOBLESVILLE CONSTRUCTION STANDARDS FOR DETAILS OF LATERAL STUBS.

WHERE WATERMAIN AND SANITARY SEWERS CROSS, A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE MUST BE MAINTAINED. IF THE 18 INCH VERTICAL SEPARATION CANNOT BE MAINTAINED, THE SEWER MUST BE CONSTRUCTED OF WATERWORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS WITHIN 10 FEET OF THE WATERMAIN.

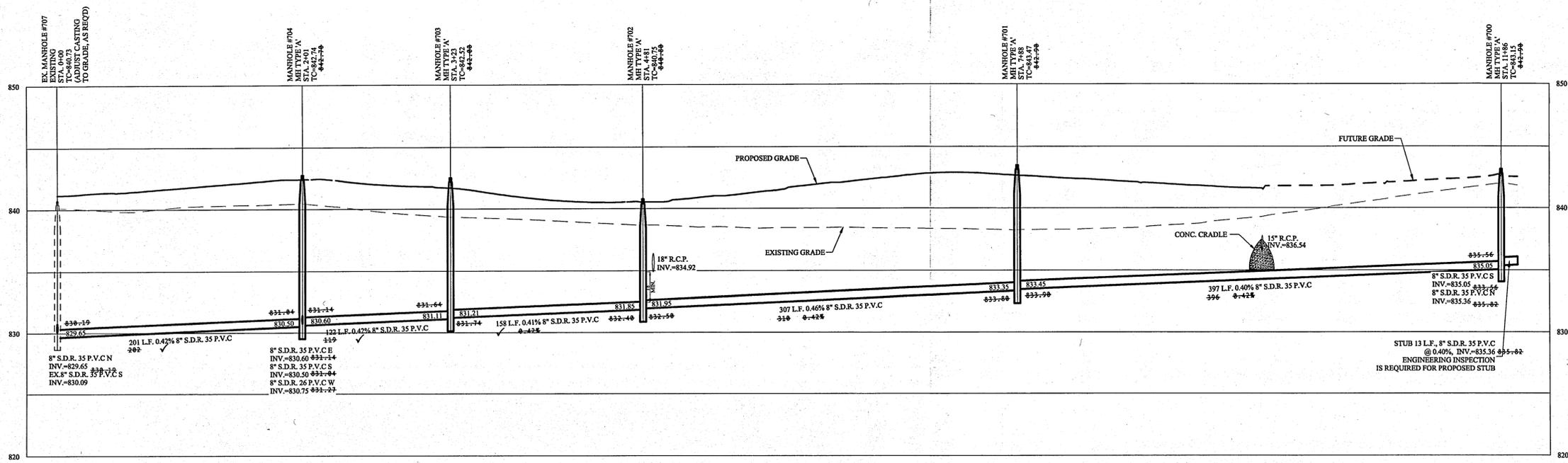
NO ORGANIC MATERIAL USED AT SANITARY SEWER STUBS.

ALL MANHOLES TO BE CONSTRUCTED WITH 1 (4") RISER RING, NO MORE, NO LESS, TO ESTABLISH PLAN T.C. GRADE.

NO.	DATE	BY	REVISIONS
06/21/17			DELETED CLOVERDALE LN PER CITY COMMENTS
07/17/17			REVISED PER CITY COMMENTS
04/16/18			AS BUILTS REVISION
03/09/18			AS BUILTS
03/14/17			REVISED PER TAC COMMENTS

REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stoepfelwerth

STOEPPELWERTH
 ALWAYS ON
 7945 East 100th Street, Fishers, IN 46038-2505
 phone: 317.846.5935 fax: 317.846.5942



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



INDIANA UNDERGROUND PLANT PROTECTION SERVICE
 IUPPS Dig Safely.
 Indiana Underground Plant Protection Service

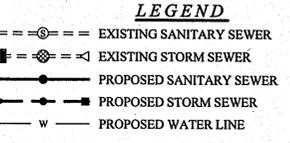
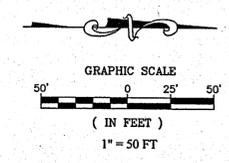
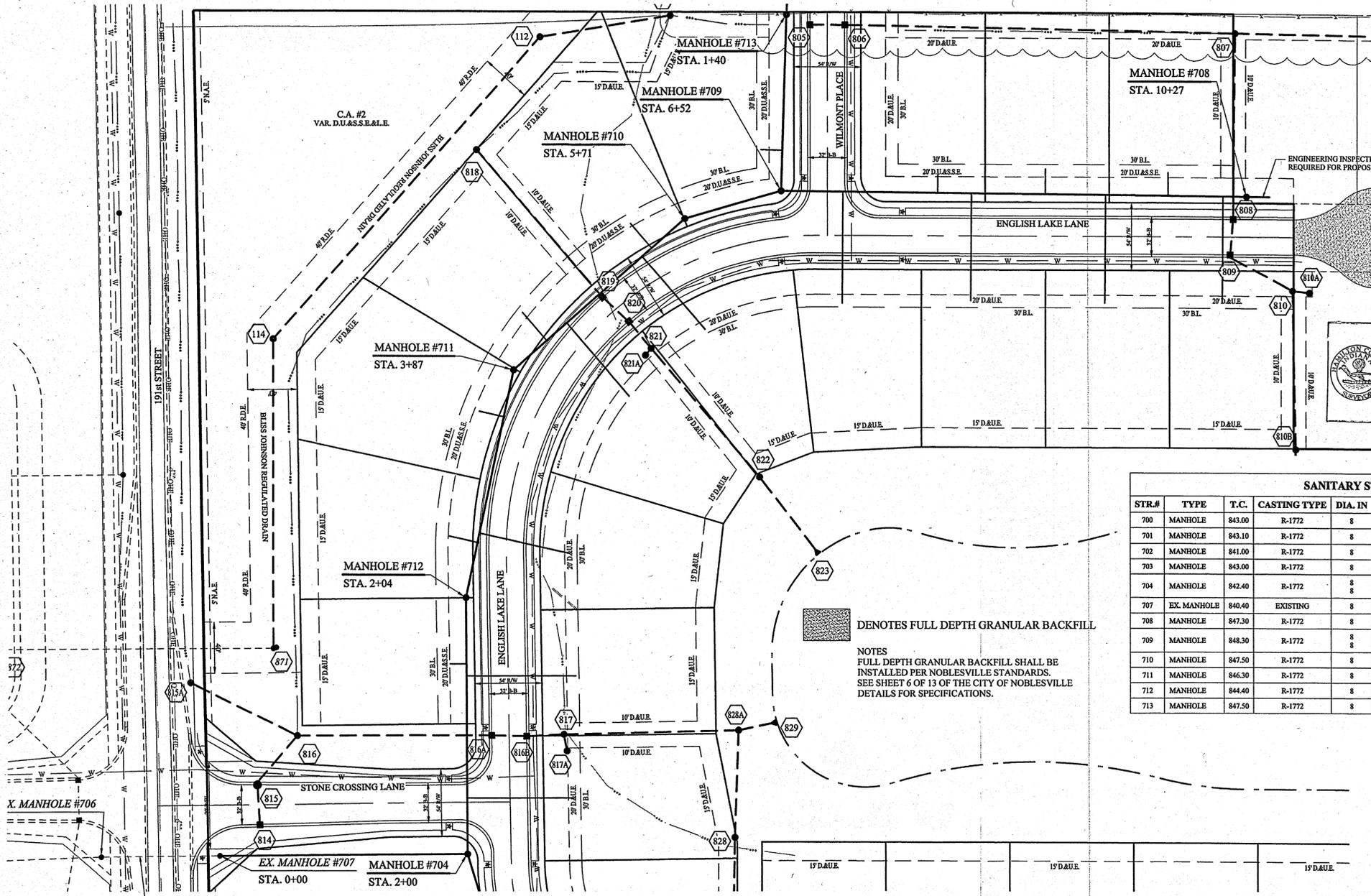
RECORD DRAWING

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012



SANITARY SEWER PLAN & PROFILE
 ALBANY RIDGE at CONNER CROSSING
 SECTION ONE
 HAMILTON COUNTY, INDIANA
 NOBLESVILLE, WAYNE TOWNSHIP

FILED
 APR 17 2018
 OFFICE OF HAMILTON COUNTY SURVEYOR
 DRAWN BY: PDR
 CHECKED BY: BAH
 SHEET NO.
C500
 S & A JOB NO.
 74770CAL-S1



NOTES

FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 6 OF 16 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.

MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

CONTRACTOR SHALL INSTALL LATERAL NO CLOSER THAN 5' FROM BUILDING LINE AND NO GREATER THAN 6' DEEP AT LATERAL END.

REFER TO THE NOBLESVILLE CONSTRUCTION STANDARDS FOR DETAILS OF LATERAL STUBS.

WHERE WATERMAIN AND SANITARY SEWERS CROSS, A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE MUST BE MAINTAINED. IF THE 18 INCH VERTICAL SEPERATION CANNOT BE MAINTAINED, THE SEWER MUST BE CONSTRUCTED OF WATERWORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS WITHIN 10 FEET OF THE WATERMAIN.

NO ORGANIC MATERIAL USED AT SANITARY SEWER STUBS.

ALL MANHOLES TO BE CONSTRUCTED WITH 1 (4") RISING RING, NO MORE, NO LESS, TO ESTABLISH PLAN T.C. GRADE.

RECORD DRAWING

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: 2/14/2018
Entered By: SLM

Dennis D. Olmstead
Registered Land Surveyor
No. 900012
2/14/2018

DENNIS D. OLMS TED
REGISTERED
No. 900012
STATE OF INDIANA
LAND SURVEYOR

SANITARY STRUCTURE TABLE

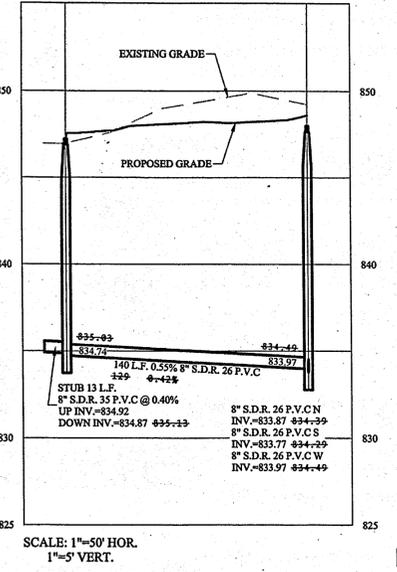
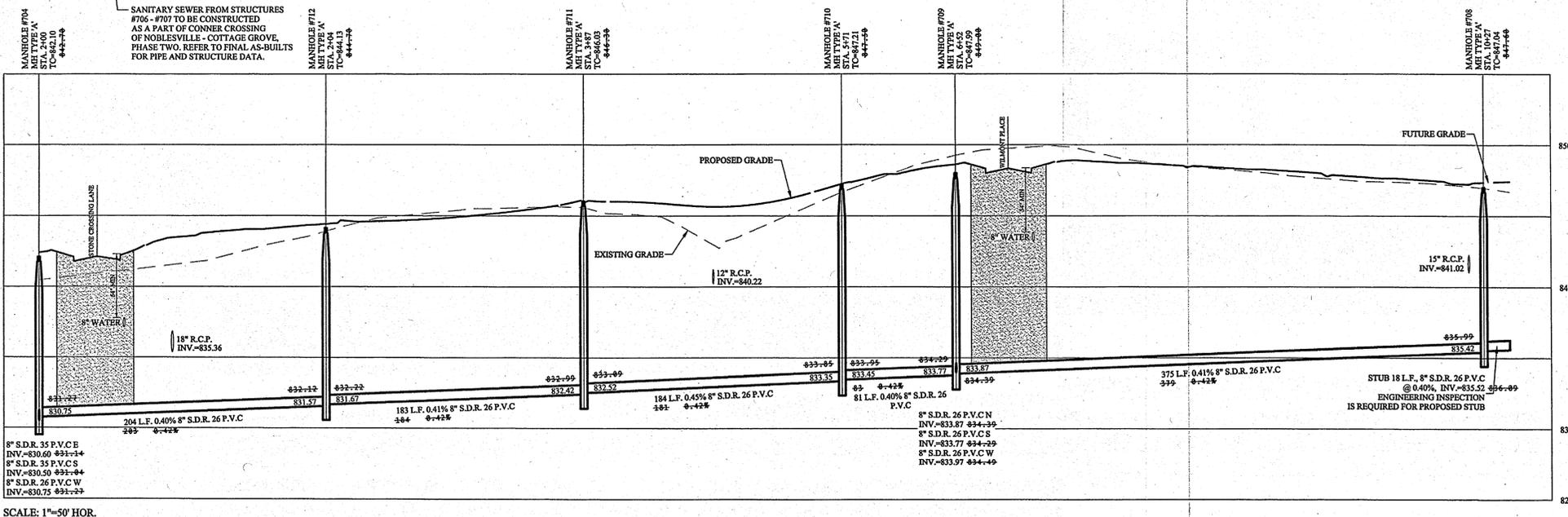
STR.#	TYPE	T.C.	CASTING TYPE	DIA. IN	DIR. IN	INV. IN	DIA. OUT	DIR. OUT	INV. OUT	SLOPE
700	MANHOLE	843.00	R-1772	8	N	835.36	8	S	835.05	0.40%
701	MANHOLE	843.10	R-1772	8	N	833.45	8	S	833.35	0.45%
702	MANHOLE	841.00	R-1772	8	N	831.95	8	SW	831.85	0.41%
703	MANHOLE	843.00	R-1772	8	NE	831.21	8	W	831.11	0.42%
704	MANHOLE	842.40	R-1772	8	E	830.60	8	S	830.50	0.42%
707	EX. MANHOLE	840.40	EXISTING	8	N	829.65	8	S	830.09	0.42%
708	MANHOLE	847.30	R-1772	8	N	835.52	8	S	835.42	0.41%
709	MANHOLE	848.30	R-1772	8	N	833.87	8	S	833.77	0.40%
710	MANHOLE	847.50	R-1772	8	N	833.45	8	SE	833.35	0.45%
711	MANHOLE	846.30	R-1772	8	NW	832.52	8	E	832.42	0.41%
712	MANHOLE	844.40	R-1772	8	W	831.67	8	E	831.57	0.40%
713	MANHOLE	847.50	R-1772	8	W	834.87	8	E	834.74	0.55%

SANITARY PIPE TABLE

NAME	SIZE	LENGTH	SLOPE	MATERIAL
STUB-713	8"	13.02'	0.40%	S.D.R. 35 P.V.C.
713-709	8"	139.51'	0.55%	S.D.R. 26 P.V.C.
EX 707-706	8"	95.66'	0.42%	S.D.R. 35 P.V.C.
STUB-708	8"	18.36'	0.40%	S.D.R. 26 P.V.C.
STUB-700	8"	13.49'	0.40%	S.D.R. 35 P.V.C.
712-704	8"	204.17'	0.40%	S.D.R. 26 P.V.C.
711-712	8"	183.25'	0.41%	S.D.R. 26 P.V.C.
710-711	8"	183.71'	0.45%	S.D.R. 26 P.V.C.
709-710	8"	80.88'	0.40%	S.D.R. 26 P.V.C.
708-709	8"	375.13'	0.41%	S.D.R. 26 P.V.C.
704-707	8"	200.15'	0.42%	S.D.R. 35 P.V.C.
703-704	8"	122.16'	0.42%	S.D.R. 35 P.V.C.
702-703	8"	156.90'	0.41%	S.D.R. 35 P.V.C.
701-702	8"	308.26'	0.45%	S.D.R. 35 P.V.C.
700-701	8"	397.30'	0.40%	S.D.R. 35 P.V.C.

NOTES

FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 6 OF 13 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.



STOEPPELWERTH
ALWAYS ON
7165 East 110th Street, Ellettsville, IN 46033-9595
Phone: 317.849.5955 Fax: 317.849.5942

SANITARY SEWER PLAN & PROFILE
ALBANY RIDGE at CONNER CROSSING
SECTION ONE
NOBLESVILLE, WAYNE TOWNSHIP
HAMILTON COUNTY, INDIANA

FILED
APR 17 2018

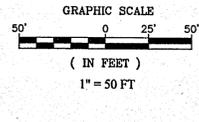
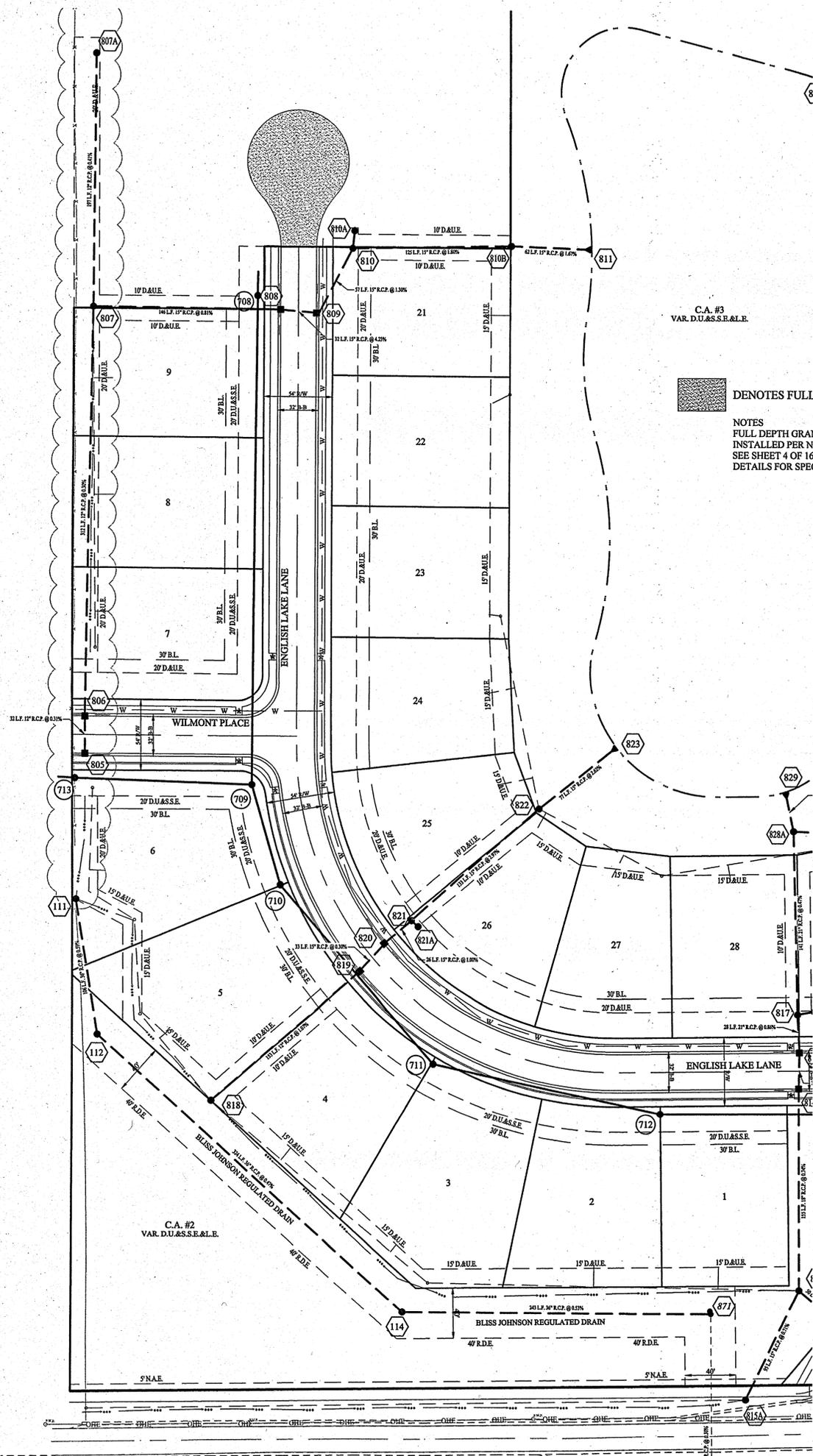
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CHECKED BY: BAH

SHEET NO. **C501**
S.E.A. JOB NO. 74770CAL-S1

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Printed / By: March 14, 2018 11:49:27 AM / Christian Esposito

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 March 13, 2018 2:38:37 PM / Christian Esposito
 March 14, 2018 11:52:38 AM / Christian Esposito

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 Plotted / By:
 Plotted / By:



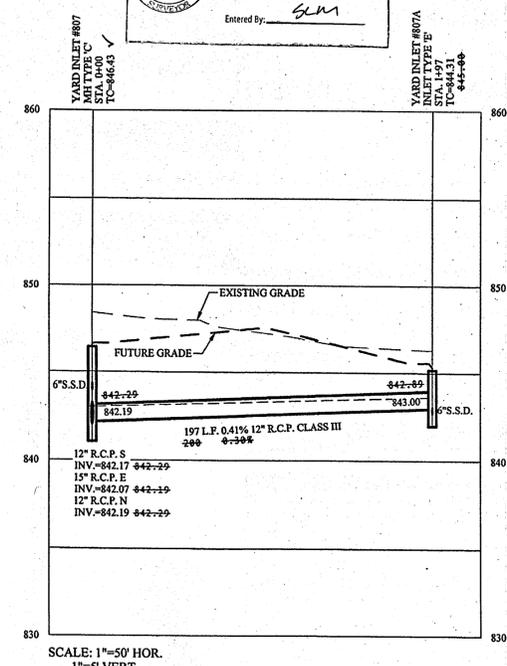
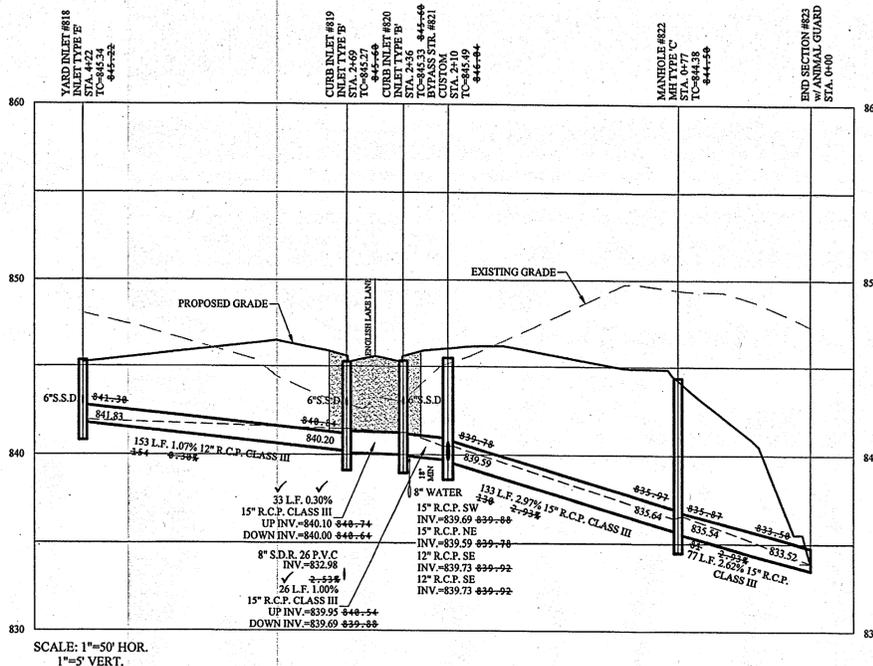
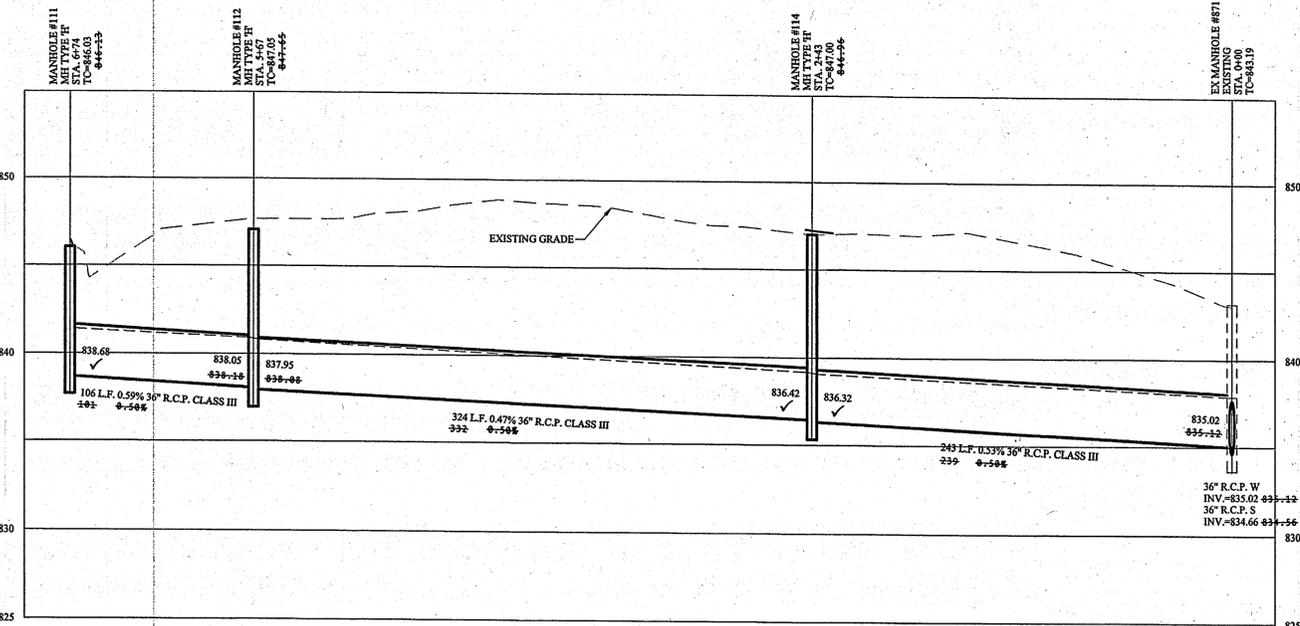
--- DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES
 FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 4 OF 16 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.

- LEGEND**
- 69 LOT NUMBER
 - B.L. BUILDING LINE
 - D.&U.E. DRAINAGE & UTILITY EASEMENT
 - D.U.&S.S.E. DRAINAGE UTILITY & SANITARY SEWER EASEMENT
 - C.A. COMMON AREA
 - R/W RIGHT OF WAY
 - L.E. LANDSCAPE EASEMENT
 - N.A.E. NON ACCESS EASEMENT
 - R.D.E. REGULATED DRAINAGE EASEMENT
 - T.P.E. TREE PRESERVATION EASEMENT
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - w PROPOSED WATER LINE
 - PROPOSED SWALE

NOTE:
 ALL STORM DRAIN CASTINGS WILL REQUIRE A NO DUMPING MESSAGE AS SPECIFIED ON SHEET 5 OF THE CITY OF NOBLESVILLE ENGINEERING STANDARDS.

- NOTES:
- FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 4 OF 13 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.
 - CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
 - NO ORGANIC MATERIAL TO BE USED AT STORM SEWER STUBS. STUBS TO BE PROPERLY CAPPED AND INSPECTED BY ENGINEERING INSPECTOR PRIOR TO BACKFILLING.



RECORD DRAWING

811 Know what's below. Call before you dig.

INDIANA UNDERGROUND PLANT PROTECTION SERVICE

FILED APR 17 2018

OFFICE OF HAMILTON COUNTY SURVEYOR

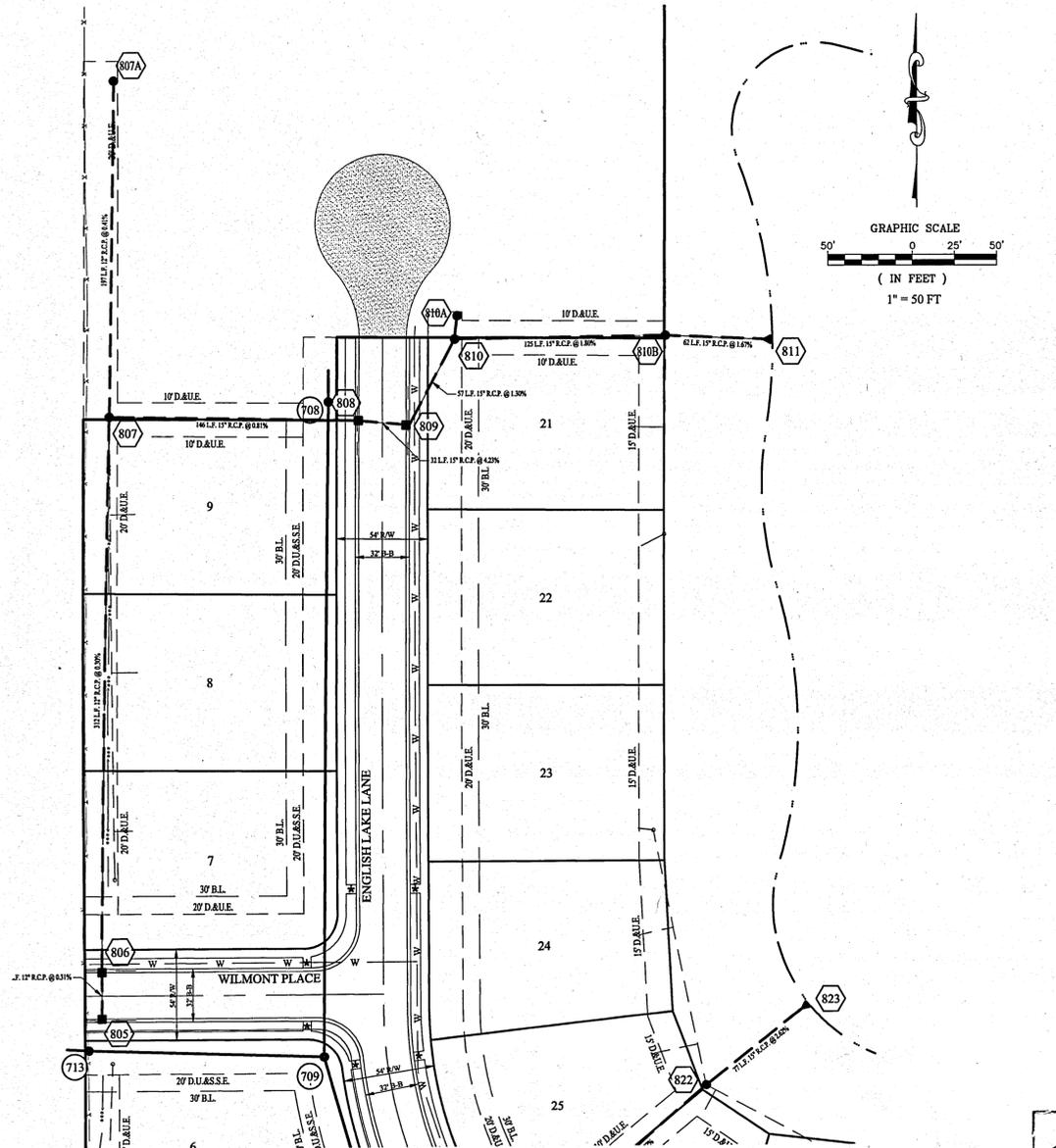
STORM SEWER PLAN & PROFILE
 ALBANY RIDGE at CONNER CROSSING
 SECTION ONE
 NOBLESVILLE, WAYNE TOWNSHIP
 HAMILTON COUNTY, INDIANA

STOEPPELWERTH
 ALWAYS ON
 7945 East 106th Street, Fishers, IN 46038-2505
 phone: 317.849.5935 fax: 317.849.5942

REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stoepfelwirth
 CERTIFIED: 01/30/17

DATE	REVISIONS
06/19/17	DELETED CLOVERDALE IN PER CITY COMMENTS
07/17/17	REVISED PER CITY COMMENTS
02/12/18	AS BUILTS
07/06/17	REVISED PER CITY COMMENTS
06/02/17	REVISED PER CITY COMMENTS
03/14/17	REVISED PER TAC COMMENTS
	DATE
	BY

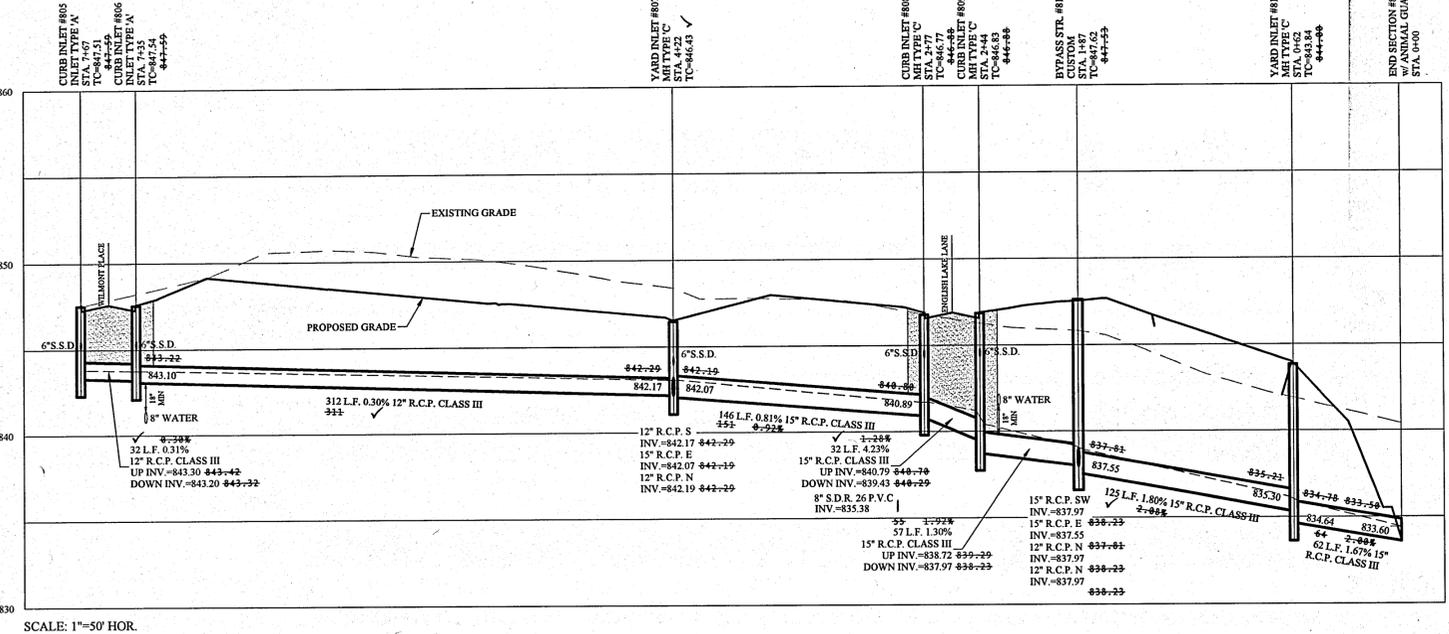
DRAWN BY: PDR CHECKED BY: BAH
 SHEET NO. C602



STORM PIPE TABLE					
NAME	SIZE	LENGTH	SLOPE	MATERIAL	
151	12"	84.25'	0.43%	R.C.P.	
810A-810	12"	13.70'	1.90%	R.C.P.	
810-810A	12"	13.70'	-1.90%	R.C.P.	
821A-821	12"	7.12'	2.67%	R.C.P.	
821-821A	12"	7.12'	-2.67%	R.C.P.	
817A-817	12"	13.48'	0.22%	R.C.P.	
817-817A	12"	13.48'	-0.22%	R.C.P.	
827B-827A	12"	14.81'	-2.23%	R.C.P.	
827A-827B	12"	14.81'	2.23%	R.C.P.	
834A-834	12"	11.34'	-0.53%	R.C.P.	
834-834A	12"	11.34'	0.53%	R.C.P.	
802-803	12"	324.47'	0.30%	R.C.P.	
801-802	12"	212.64'	0.96%	R.C.P.	
800-801	12"	198.06'	0.30%	R.C.P.	
814-815	12"	35.96'	0.58%	R.C.P.	
807A-807	12"	197.05'	0.41%	R.C.P.	
825A-825	12"	298.35'	0.56%	R.C.P.	
824-825	12"	146.19'	0.30%	R.C.P.	
818-819	12"	152.94'	1.07%	R.C.P.	
806-807	12"	312.31'	0.30%	R.C.P.	
805-806	12"	32.15'	0.31%	R.C.P.	
821-822	15"	133.37'	2.97%	R.C.P.	
810-810B	15"	125.02'	1.80%	R.C.P.	
815-816	15"	49.51'	0.24%	R.C.P.	
815A-816	15"	95.43'	0.71%	R.C.P.	
831-832	15"	129.68'	1.83%	R.C.P.	
822-823	15"	76.89'	2.62%	R.C.P.	
820-821	15"	25.91'	1.00%	R.C.P.	
819A-820A	15"	32.87'	0.30%	R.C.P.	
810B-811	15"	62.25'	1.67%	R.C.P.	
809-810	15"	57.05'	1.30%	R.C.P.	
808-809	15"	32.34'	4.23%	R.C.P.	
807-808	15"	145.65'	0.81%	R.C.P.	
834-835	18"	124.80'	1.03%	R.C.P.	
816-816A	18"	155.06'	0.74%	R.C.P.	
835-836	18"	45.02'	2.15%	R.C.P.	
833-834	18"	59.37'	0.75%	R.C.P.	
832-833	18"	32.27'	0.59%	R.C.P.	
825-826	18"	125.78'	0.21%	R.C.P.	
817-828A	21"	141.15'	0.47%	R.C.P.	
816B-817	21"	27.94'	0.86%	R.C.P.	
816A-816B	21"	32.29'	0.28%	R.C.P.	
827-827A	21"	39.81'	0.27%	R.C.P.	
826-827	21"	31.93'	0.31%	R.C.P.	
827A-828	24"	126.43'	0.31%	R.C.P.	
828-828A	24"	85.72'	0.41%	R.C.P.	
828A-829	27"	30.77'	0.61%	R.C.P.	
EX 872-871	36"	216.79'	0.30%	R.C.P.	
114-871	36"	243.33'	0.53%	R.C.P.	
112-114	36"	323.78'	0.47%	R.C.P.	
111-112	36"	106.43'	0.59%	R.C.P.	

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: 2/10/18
 Entered By: SLM

STORM STRUCTURE TABLE											
STR.#	TYPE	T.C.	CASTING TYPE	DIA. IN	DIR. IN	INV. IN	DIA. OUT	DIR. OUT	INV. OUT	SLOPE	NOTES
111	MANHOLE	846.03	R-1772				36	S	838.68	0.59%	SEE HCSO MANHOLE DETAIL D-21 ON SHEET C801
112	MANHOLE	847.05	R-1772	36	N	838.05	36	SE	837.95	0.47%	SEE HCSO MANHOLE DETAIL D-21 ON SHEET C801
114	MANHOLE	847.00	R-1772	36	NW	836.42	36	E	836.32	0.53%	SEE HCSO MANHOLE DETAIL D-21 ON SHEET C801
800	OUTLET CONTROL STR.	837.05	TYPE 7				12	NE	833.34	0.30%	SEE OUTLET CONTROL STRUCTURE #800 DETAIL SHEET C600
801	MANHOLE	843.37	R-1772	12	SW	832.75	12	NE	832.65	0.96%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
802	YARD INLET	840.45	R-4342	12	SW	830.60	12	NE	830.50	0.30%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
803	END SECTION	830.79	w/ANIMAL GUARD	12	SW	829.54					SEE END SECTION DETAIL ON SHEET C801
805	CURB INLET	847.51	R-3501-TR				12	N	843.30	0.31%	SEE INLET TYPE A DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
806	CURB INLET	847.54	R-3501-TR	12	S	843.20	12	N	843.10	0.30%	SEE INLET TYPE A DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
807	YARD INLET	846.43	R-4342	12	S	842.17	15	E	842.07	0.81%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
807A	YARD INLET	845.17	R-4215-C				12	S	843.00	0.41%	SEE INLET TYPE E DETAIL ON C801
808	CURB INLET	846.77	R-3501-TR	15	W	840.89	15	E	840.79	4.23%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
809	CURB INLET	846.83	R-3501-TR	15	W	839.43	15	NE	838.72	1.30%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
810	BYPASS STR.	847.62	R-1772	15	SW	837.97	15	E	837.55	1.80%	SEE DETAIL SHEET C802
810A	BMP 810A	845.88	R-1772	12	S	838.23	12	S	838.23	1.90%	SEE DETAIL SHEET C802
810B	YARD INLET	843.84	R-4342	15	W	835.30	15	E	834.64	1.67%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
811	END SECTION	835.12	w/ANIMAL GUARD	15	W	833.60					SEE END SECTION DETAIL ON SHEET C801
814	CURB INLET	840.75	R-3501-TR				12	W	836.88	0.58%	SEE INLET TYPE A DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
814A	YARD INLET	838.77	R-4215-C				12	SW	836.51	0.43%	???
815	CURB INLET W/MANHOLE	840.72	R-3501-TR	12	E	836.67	15	NW	836.60	0.24%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
815A	YARD INLET	841.38	R-4342				15	NE	837.06	0.71%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
816	YARD INLET	840.55	R-4342	15	SE	836.48	18	N	836.38	0.74%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
816A	CURB INLET	842.99	R-3501-TR	18	S	835.22	21	N	835.12	0.28%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
816B	CURB INLET	842.98	R-3501-TR	21	S	835.03	21	N	834.65	0.86%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
817	BYPASS STR.	843.46	R-1772	21	S	834.41	21	N	834.31	0.47%	SEE DETAIL SHEET C802
817A	BMP 817A	843.26	R-1772	12	W	834.44	12	W	834.44	0.22%	SEE DETAIL SHEET C802
818	YARD INLET	845.34	R-4215-C				12	NE	841.83	1.07%	SEE INLET TYPE E DETAIL ON C801
819	CURB INLET	845.27	R-3501-TR	12	SW	840.20	15	NE	840.10	0.30%	SEE INLET TYPE B DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
820	CURB INLET	845.33	R-3501-TR	15	SW	840.00	15	NE	839.95	1.00%	SEE INLET TYPE B DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
821	BYPASS STR.	845.49	R-1772	15	SW	839.60	15	NE	839.50	2.97%	SEE DETAIL SHEET C802
821A	BMP 821A	845.24	R-1772	12	NW	839.92	12	NW	839.92	2.67%	SEE DETAIL SHEET C802
822	MANHOLE	844.38	R-1772	15	SW	835.64	15	NE	835.54	2.62%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
823	END SECTION	835.04	w/ANIMAL GUARD	15	SW	833.52					SEE END SECTION DETAIL ON SHEET C801
824	YARD INLET	838.24	R-4215-C				12	N	835.64	0.30%	SEE INLET TYPE E DETAIL ON C801
825	YARD INLET	838.15	R-4215-C	12	N	835.20	18	W	835.15	0.21%	SEE INLET TYPE F DETAIL ON C801
825A	YARD INLET	840.62	R-4215-C				12	S	836.88	0.56%	SEE INLET TYPE E DETAIL ON C801
826	CURB INLET	840.03	R-3501-TR	18	E	834.88	21	W	834.88	0.31%	SEE INLET TYPE B DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
827	CURB INLET W/MANHOLE	840.13	R-3501-TR	21	E	834.78	21	NW	834.70	0.27%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
827A	BYPASS STR.	841.01	R-1772	21	SE	834.59	24	W	834.49	0.31%	SEE DETAIL SHEET C802
827B	BMP 827A	841.26	R-1772	12	S	834.20	12	S	834.20	-2.23%	SEE DETAIL SHEET C802
828	MANHOLE	840.95	R-1772	24	E	834.10	24	W	834.00	0.41%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
828A	MANHOLE	840.77	R-1772	24	E	833.65	27	N	833.55	0.61%	SEE MANHOLE TYPE H DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
829	END SECTION	835.97	w/ANIMAL GUARD	27	S	833.36					SEE END SECTION DETAIL ON SHEET C801
831	YARD INLET	841.73	R-4215-C				15	W	838.67	1.83%	SEE INLET TYPE E DETAIL ON C801
832	CURB INLET	841.12	R-3501-TR	15	E	836.29	18	W	836.19	0.59%	SEE INLET TYPE B DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
833	CURB INLET W/MANHOLE	840.93	R-3501-TR	18	E	836.00	18	NW	835.90	0.75%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
834	BYPASS STR.	841.95	R-1772	18	SE	835.46	12	N	835.46	0.53%	SEE DETAILS SHEET C802
834A	BMP 834A	841.72	R-1772	12	S	835.40	12	S	835.40	-0.53%	SEE DETAIL SHEET C802
835	MANHOLE	841.05	R-1772	18	E	834.07	18	W	833.97	2.15%	SEE MANHOLE TYPE C DETAIL ON NOBLESVILLE STANDARDS SHEET 5 OF 13
836	END SECTION	834.79	w/ANIMAL GUARD	18	E	833.00					SEE END SECTION DETAIL ON SHEET C801
857C	YARD INLET	838.32	R-4342	12	NE	836.15					???
871	EX MANHOLE	843.19	EXISTING	36	W	835.02	36	S	834.66	0.30%	STRUCTURE TO BE INSTALLED WITH CONNER CROSSING OF NOBLESVILLE - COTTAGE GROVE, SECTION 2. REFER TO FINAL AS-BUILTS FOR STRUCTURE DATA.
872	END SECTION	837.42	EXISTING	36	N	834.00					???



■ DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES
 FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 4 OF 13 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.

NOTE:
 ALL STORM DRAIN CASTINGS WILL REQUIRE A NO DUMPING MESSAGE AS SPECIFIED ON SHEET 5 OF THE CITY OF NOBLESVILLE ENGINEERING STANDARDS.

- NOTES:
- FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 4 OF 13 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.
 - CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ON-SITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
 - NO ORGANIC MATERIAL TO BE USED AT STORM SEWER STUBS. STUBS TO BE PROPERLY CAPPED AND INSPECTED BY ENGINEERING INSPECTOR PRIOR TO BACKFILLING.

RECORD DRAWING

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012



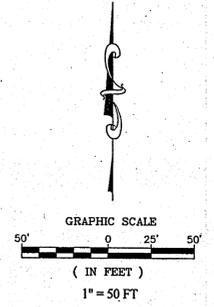
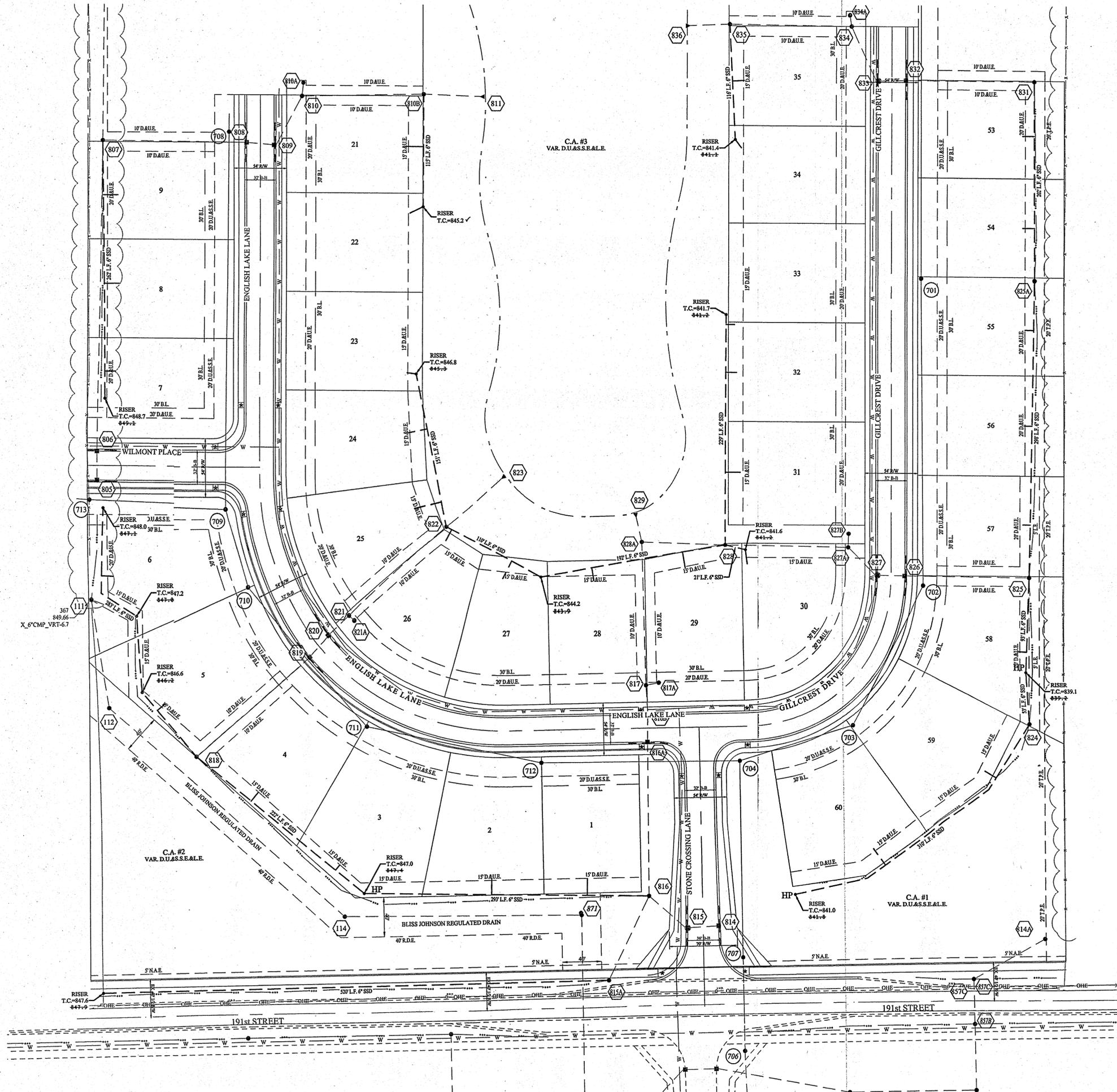
STORM SEWER PLAN & PROFILE
 ALBANY RIDGE at CONNER CROSSING
 SECTION ONE
 NOBLESVILLE, WAYNE TOWNSHIP
 HAMILTON COUNTY, INDIANA

FILED
 APR 17 2018
 OFFICE OF HAMILTON COUNTY SURVEYOR
 DRAWN BY: PDR
 CHECKED BY: BAH
 SHEET NO. C603
 S & A JOB NO. 74770CAL-S1

REVISIONS

NO.	DATE	DESCRIPTION
04/16/18		
06/17/17		
07/17/17		
07/17/17		
10/16/17		
09/07/17		
07/06/17		
06/02/17		
03/14/17		

REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stappert
 CERTIFIED: 01/30/17



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: 2/19/2018
 Entered By: SLM

RECORD DRAWING

D.O.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012



- LEGEND**
- 6" SSD
 - RISER TC
 - HP DENOTES HIGH POINT IN SSD

- NOTES:**
1. FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED PER NOBLESVILLE STANDARDS. SEE SHEET 4 OF 16 OF THE CITY OF NOBLESVILLE DETAILS FOR SPECIFICATIONS.
 2. CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ON-SITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

FILED
 APR 17 2018

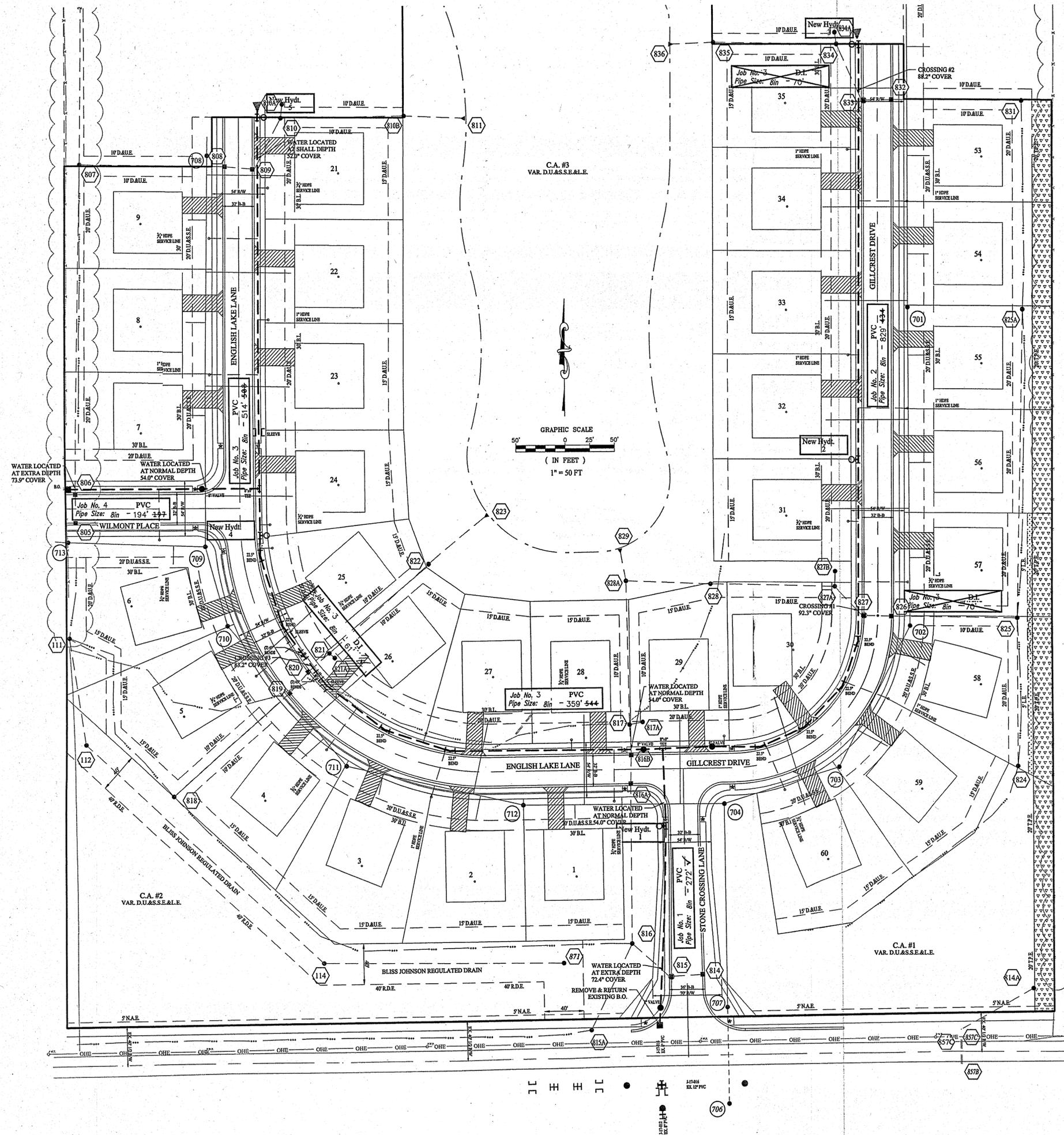


	THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE REPORT OR A SURVEY LOCATION REPORT. CERTIFIED: 01/30/17 <i>David J. Stoepfel</i>	STOEPPELWERTH ALWAYS ON 7945 East 106th Street, Fishers, IN 46038-2505 phone: 317.849.5935 fax: 317.849.5942	811 Know what's below. Call before you dig.	FILED APR 17 2018	811 Know what's below. Call before you dig.
DELETED GLOVERDALE LN PER CITY COMMENTS REVISED PER CITY COMMENTS	06/13/17 07/17/17	AS BUILTS REVISED PER TAC COMMENTS	DATE MARK	REVISIONS	BY
SUB-SURFACE DRAINAGE PLAN ALBANY RIDGE at CONNER CROSSING SECTION ONE NOBLESVILLE, WAYNE TOWNSHIP HAMILTON COUNTY, INDIANA					
DRAWN BY: PDR CHECKED BY: BAH SHEET NO. C604 S.E.A. JOB NO. 74770CAL-S1					

S:\1770CAL-S1\DWG\C604 Sub-Surface Drainage Plan.dwg - C604
 March 13, 2018 2:42:07 PM / cesposito
 March 14, 2018 11:55:05 AM / Christian Esposito

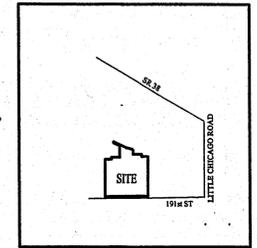
S:\17470CAL-S\DWG\C700 Water Plan.dwg - C700
 March 14, 2018 10:17:05 AM / ceasopis
 March 14, 2018 11:59:06 AM / Christian Espalio

Name: / By:
 Modified / By:
 Projected / By:



Project Location

Scale: 1" = 2000'

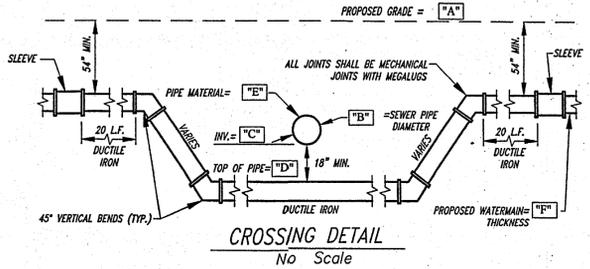
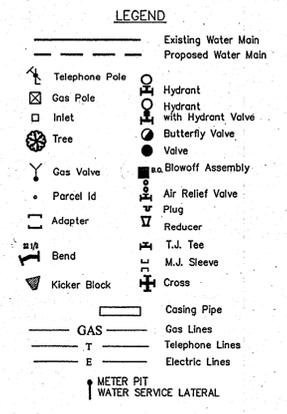


- NOTES:
- SEE CITIZENS ENERGY GROUP STANDARDS MANUAL LATEST VERSION.
 - MINIMUM COVER OVER TOP OF ALL WATER MAINS TO BE 54" FROM FINISH GRADE.
 - MINIMUM 18" VERTICAL SEPARATION BETWEEN WATER MAIN AND SEWER MAIN.
 - FIRE HYDRANTS SHALL HAVE A 5-INCH STORZ'S CONNECTION INSTALL AND PAINTED YELLOW.
 - VALVES TO BE PLACED IN GRASS AREAS.
 - STANDARD PRACTICE OF INSTALLATION OF RESTRAINTS MUST BE FOLLOWED DURING CONSTRUCTION OF WATER MAIN. ANY QUESTIONS ASK CEG INSPECTOR.

CITIZENS WATER PROJECT LEGEND

Project Name: ALBANY RIDGE AT CONNER CROSSING, SECTION ONE
 Project Number: J-17-035

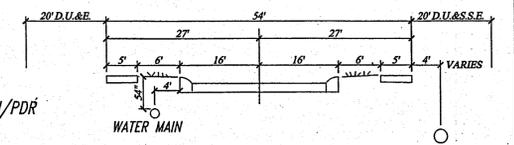
JOB #	Street Name	Pipe Size	Pipe Type	Total Pipe
1	STONE CROSSING LANE	8"	PVC	272' 3/4"
2	CLOVERDALE LANE	8"	PVC	543'
3	GILLCREST DRIVE	8"	PVC	829' 4/8"
3	GILLCREST DRIVE	8"	D.I.	140'
4	ENGLISH LAKE LANE	8"	PVC	873' 5/8"
4	ENGLISH LAKE LANE	8"	D.I.	61'
5	WILMONT PLACE	8"	PVC	194' 3/4"
# of Service Lines				TOTAL 2,912' 3/8"
12	SINGLE SERVICE LINE PIPE	3/4"	HDPE	403' 3/4"
10	DUAL SERVICE LINE PIPE	1"	HDPE	298' 3/4"



CROSSING SUMMARY TABLE

CROSSING	"A"	"B"	"C"	"D"	"E"	"F"
No. 1	848.2±	24"	834.3±	833.6±	RCP	8"
No. 2	841.3±	18"	835.6±	833.9±	RCP	8"
No. 3	845.7±	24"	840.4±	838.8±	RCP	8"

Project Name: ALBANY RIDGE AT CONNER CROSSING, SECTION ONE
 Project Number: J-17-035
 Dist. Map No.: 2209
 Meter Map No.: 8858
 Lots: 32
 Tax Code: 29012
 Pressure Dist: HARBOUR
 Drafter: STOEPPELWERTH/BAH/PDR
 Date: 03/01/2017



RECORD DRAWING

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: CLM

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 3/14/2018



Know what's below.
 Call before you dig.



STOEPPELWERTH
 ALWAYS ON
 7645 Eng. 1048 St. Fishers, IN 46038-2905
 phone: 317.945.9955 fax: 317.949.5946

WATER PLAN
 ALBANY RIDGE AT CONNER CROSSING
 SECTION ONE
 NOBLESVILLE, WAYNE TOWNSHIP
 HAMILTON COUNTY, INDIANA

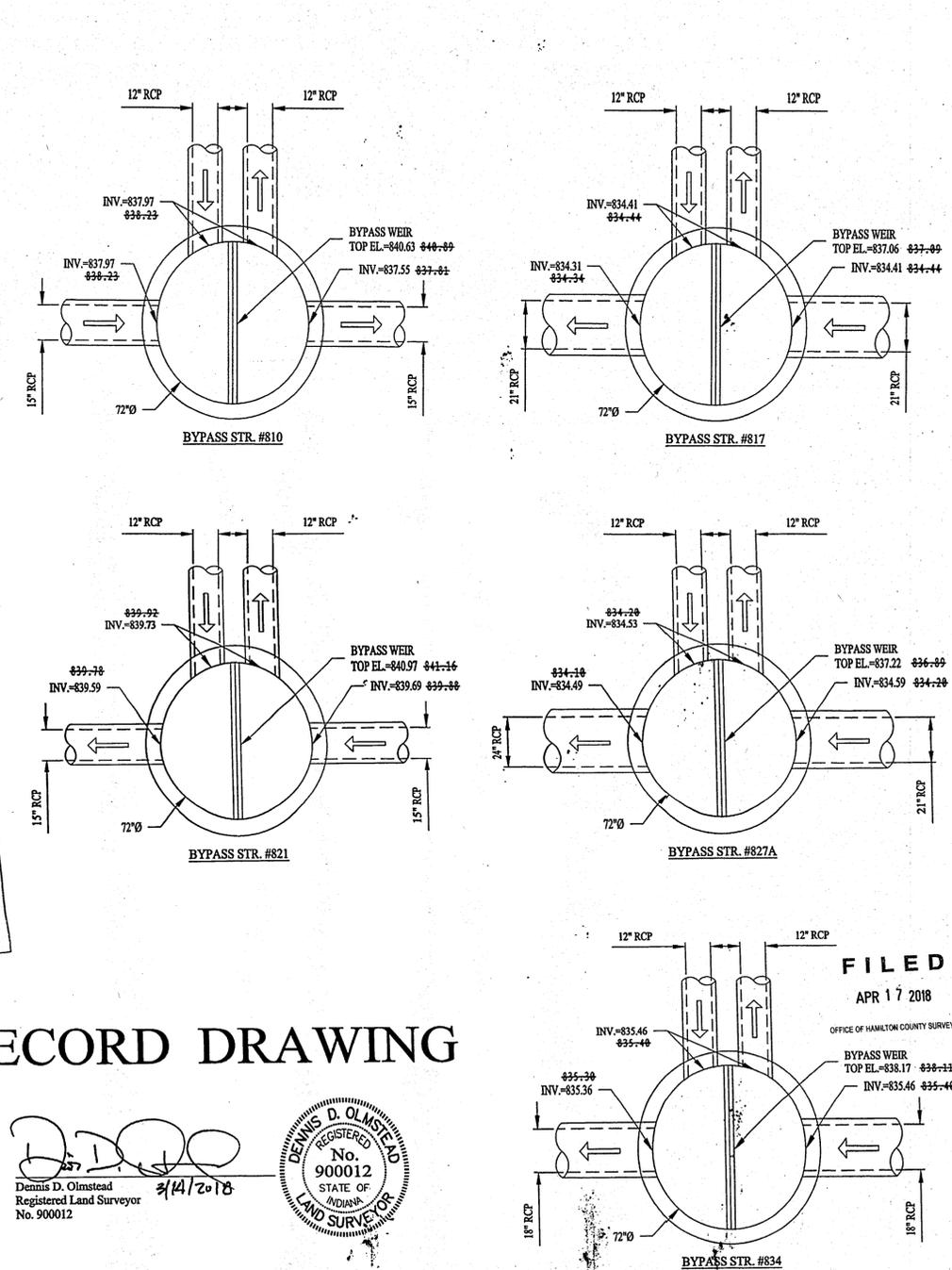
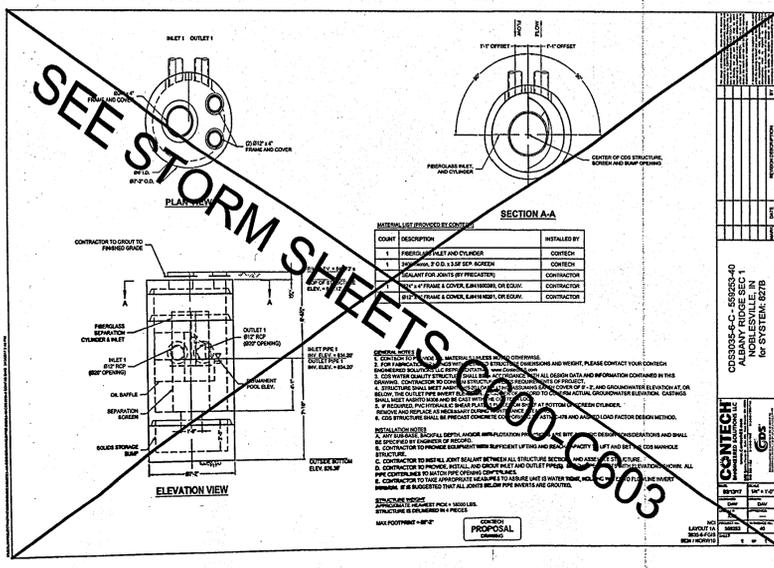
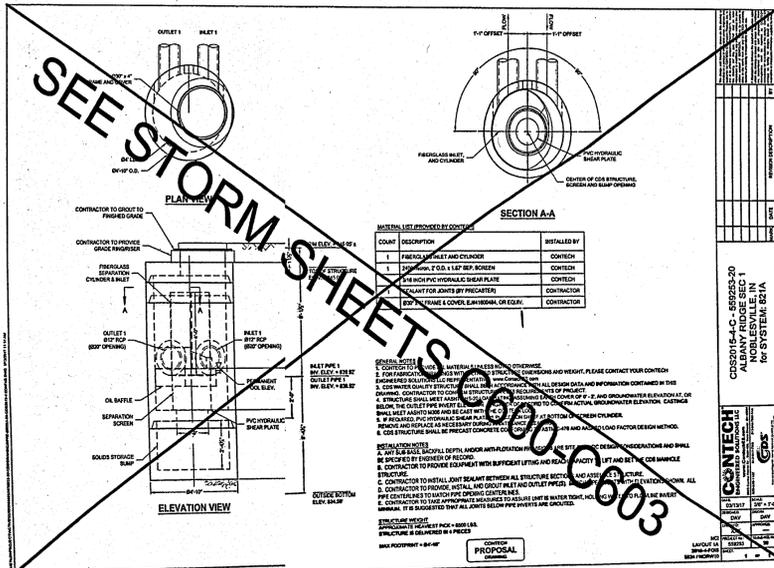
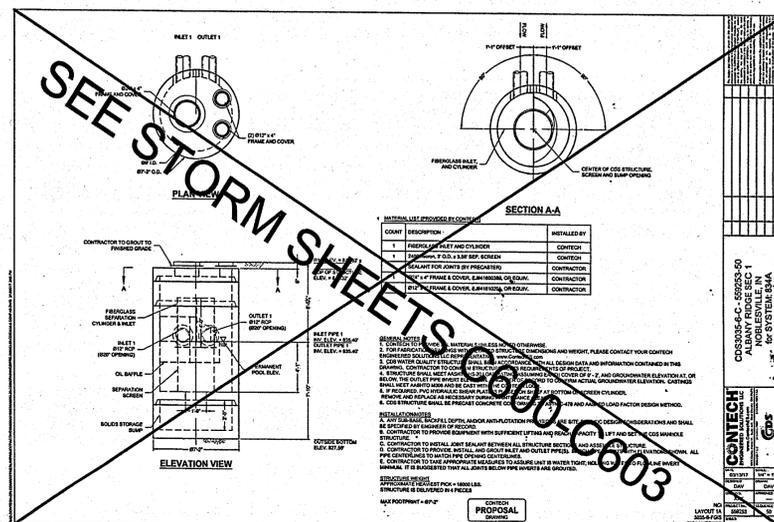
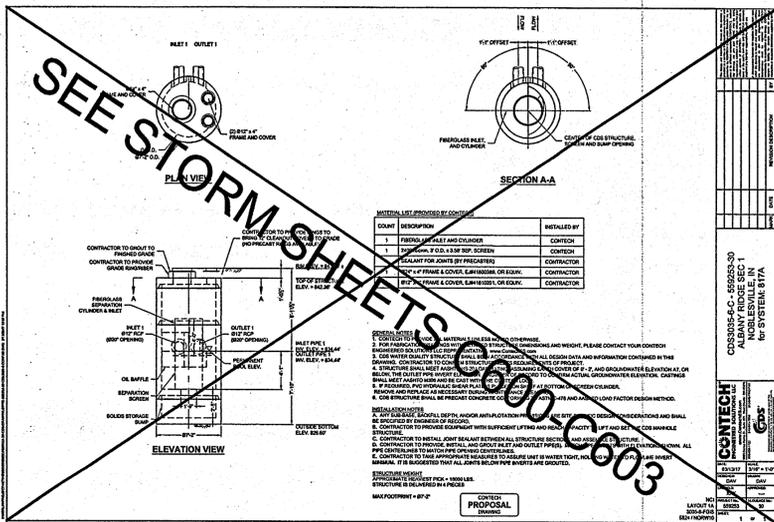
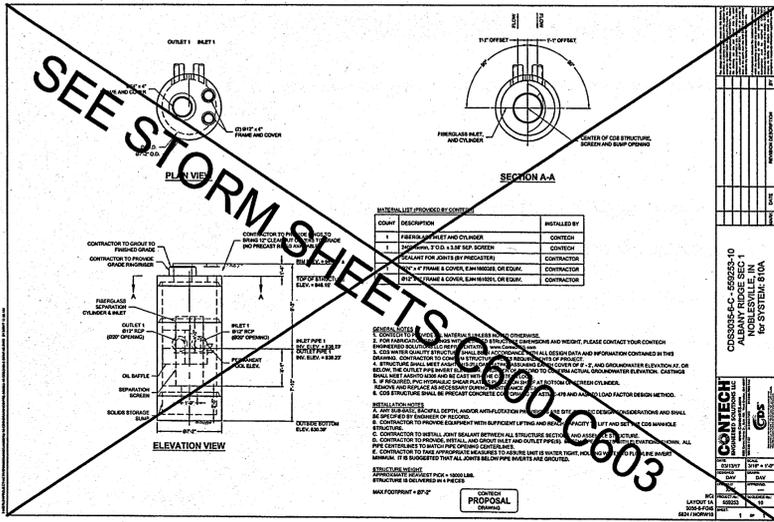
REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stoepfelwirth
 CERTIFIED: 01/30/17

DELETED PER CITY COMMENTS
 REVISED PER CITY COMMENTS
 AS BUILTS
 MOVED WATER LAY ON LOT 25
 REV PER CEG COMMENTS
 REVISED PER TAC COMMENTS
 DATE
 MARK

FILED
 APR 17 2018
 OFFICE OF HAMILTON COUNTY SURVEYOR

DRAWN BY: PDR
 CHECKED BY: BAH
 SHEET NO.: C700
 S.A. JOB NO.: 74770CAL-S1

S:\74770CAL-S1\DWG\C802 Construction Details.dwg - C802
 March 15, 2018 12:14:25 PM / cespisto
 March 15, 2018 12:15:46 PM / Christian_Espisto



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GS.
 Entry Date: 2/1/8
 Entered By: GLM

RECORD DRAWING

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 3/14/2018



DELETED CLOVERDALE IN PER CITY COMMENTS
 REVISED PER CITY COMMENTS
 UPDATED BYPASS STRUCTURE DETAILS

06/13/17
 07/17/17
 07/25/17

AS BUILTS
 03/15/18
 03/14/17

DATE
 03/15/18
 03/14/17

REVISIONS
 1
 2

BY
 PDR
 BAH

REGISTERED
 No. 19358
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

CERTIFIED: 01/30/17
 David J. Stoppelwerth

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STOEPPELWERTH
 ALWAYS ON
 7945 East 106th Street, Fishers, IN 46038-2505
 phone: 317.849.2955 fax: 317.849.2942

CONSTRUCTION DETAILS
 ALBANY RIDGE at CONNER CROSSING
 SECTION ONE
 HAMILTON COUNTY, INDIANA
 NOBLESVILLE, WAYNE TOWNSHIP

FILED
 APR 17 2018
 OFFICE OF HAMILTON COUNTY SURVEYOR

DRAWN BY: PDR
 CHECKED BY: BAH

SHEET NO.
C802
 S & A JOB NO.
 74770CAL-S1