



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

January 5, 2016

To: Hamilton County Drainage Board

Re: Little Eagle Creek Drain, The Preserve at Bear Creek Section 2 Arm

Attached is a petition filed by Pulte Homes of Indiana LLC, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for The Preserve at Bear Creek Section 1 Arm, Little Eagle Creek Drain to be located in Clay 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	1,475 ft.	21" RCP	412 ft.
15" RCP	181 ft.	24" RCP	273 ft.
18" RCP	620 ft.	6" SSD	10,947 ft.

The total length of the drain will be 13,908 feet.

The dry detention basin (Basin #5) located in Common Area 2-E is not to be considered part of the regulated drain. Basin maintenance assumed by the Drainage Board shall include the inlet and outlet as part of the regulated drain and any work necessary between inlets and outlets to ensure that water does not back up into upstream pipes during low flows. This work will be done between structures where underdrain is located. The maintenance of the basins (basins #5) such as all other sediment removal and erosion control along the banks, mowing, vegetation maintenance and control, and BMP maintenance 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.

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 as described below, 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 portions of the SSD which will be regulated and maintained are as follows:

Curbline SSD in Streets:

Voyageur Way Evergreen Trail Denali Drive Kodiak Drive Rear Yard SSDs:

Rear yard lots 67-68 from Str. 662 Rear yard lots 64 to 66 from Str. 662

Rear yard lots 69-70 Rear yard lots 71 to 73

Rear yard lot 74

Common Area 2-E from Str. 666 Rear yard lots 55 to 57 from Str. 653

Rear yard lots 58 to 61 from Str. 653 to Str. 659

Rear yard lots 62-63 from Str. 659 Rear yard lots 80-81 from Str. 626 Rear yard lots 82-83 from Str. 626

Rear yard lots 84-85 from Str. 655A

Rear yard lots 86 to 88 from Str. 655A

Common Area 1-D

Rear yard lots 52 to 54 from Str. 649

Rear yard lots 48 to 51 from Str. 642 to Str. 649

Rear yard lots 46-47 from Str. 641 to Str. 642

Rear yard lots 44-45 from Str. 641 Common Area 2-A from Str. 641 Rear yard lots 42-43 from Str. 645A

Rear yard fots 42-45 from 5tr. 0457

Rear yard lots 89 to 93

Common Area 1-C from existing

Common Area 1-C from existing to Lot 91

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 will be \$3,699.50.

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Performance Bond are as follows:

Agent: Arch Insurance Company

Date: September 2, 2015 Number: SU1135086

For: Storm Sewers & Sub-Surface Drains

Amount: \$362,512.44

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 requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for The Preserve at Bear Creek Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for February 22, 2016.

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/pll

(Revised 06/08/04)

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD

% Hamilton County Surveyor One Hamilton County Square, Suite 188 Noblesville, IN. 46060-2230 FEB 13 2015

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of	The Preserve at Bear Creek	Subdivision, Section
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 Preserve at Bear Creek _____, 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.
- 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	Signed
MATTHAN D. Lo HARA Printed Name	Printed Name
2/2//5 Date	Date
Signed	Signed
Printed Name	Printed Name
Date	Date

Adobe PDF Fillable Form

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain,
The Preserve at Bear Creek Section 2 Arm

On this 22nd day of February, 2016, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Little Eagle Creek Drain, The Preserve at Bear Creek 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

Alternate Member



619 N. Pennsylvania Street, Indianapolis, Indiana 46204 +1·317·423·0690 OFFICE +1·877·668·8848 TOLLFREE williamscreek.net Infrastructure · Science · Technology

Engineer's Estimate

Date:

27 August 2015

issued To:

Mason McQuinn, Pulte Homes of Indiana

Issued By:

Williams Creek Consulting, Inc.

Project Name:

The Preserve at Bear Creek

Purpose:

Section 2 Infrastructure Construction Cost – Engineer's Estimate

Williams Creek Project Number:

01.0726.B.1

The following contains the estimated construction cost of infrastructure associated with Section 2 of The Preserve at Bear Creek project. Estimated quantities are included in the tables below.

Estimated Monumentation and Storm Sewer Construction Cost = \$374,068.44 Mu 20% extru

Infrastructure breakdown:

Monumentation - \$11,556.00

Storm Sewer - \$362,512.44

Monumentation: \$11,556.00 (20% Contingency Added to Total)				
Item Lot Corners	Unit Lots	Quantity 47	Unit Cost \$100.00	Item Cost \$4,700.00
Centerlines	EA	29	\$170.00	\$4,930.00

Storm Sewer: \$362,512.44 (20% Contingency Added to Total)				
ltem	Unit	Quantity	Unit Cost	Item Cost
12" Pipe	LF	1,448	\$27.40	\$39,675.20
15" Pipe	LF	184	\$37.20	\$6,844.80
18" Pipe	LF	1,024	\$37.10	\$37,990.40
21" Pipe	LF	288	\$46.90	\$13,507.20
12" End Section	EA	1	\$2,145.00	\$2,145.00
12" Trash Grate	EA	1	\$450.00	\$450.00
18" End Section	EA	2	\$2,090.00	\$4,180.00
18" Trash Grate	EA	2	\$500.00	\$1,000.00



Standard Manhole	EA	6	\$2,310.00	\$13,860.00
Inlet	EA	22	\$2,100.00	\$46,200.00
Granular Backfill	TON	320	\$16.60	\$5,312.00
SSD Under Curb	LF	5,975	\$10.35	\$61,654.95
SSD in Swale	LF	4,320	\$15,65	\$67,608.00
SSD Laterals	EA	47	\$35.45	\$1,666.15

David A. Marks, P.E. *Project Manager*

OCT 0 6 20%

Bond No. SU1135086

HCDB-2015-00040

PERFORMANCE BOND

OFFICE OF HAMILTON COUNTY SURVEYOR

KNOW ALL MEN BY THESE PRESENTS, that Pulte Homes of Indiana, LLC of 11590 N. Meridian, Suite 530, Carmel IN 46032 as Principal, and Arch Insurance Company a corporation organized and existing under the laws of the State of Missouri and authorized to transact business in the state of Indiana, as Surety, are held and firmly bound unto the Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville IN 46060 as Obligee, in the penal sum of three hundred sixty two thousand five hundred twelve and 44/100 (\$362,512.44) for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

(Life)

WHEREAS, the Principal has agreed to construct or have constructed, <u>storm sewer</u> <u>improvements in Preserve at Bear Creek – Section 2.</u>

NOW, THEREFORE, the condition of this obligation is such that if said Principal shall well and truly perform said work in accordance with said standards, then this obligation shall be void, otherwise to remain in full force and effect.

Signed, sealed and dated this 2nd of September, 2015.

Pulte Homes of Indiana, LLC

Bryce Langen, Assistant Treasurer

Arch Insurance Company

Brien O'Meara, Attorney-in-Fact





AIC 0000131587

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

This Power of Alterney 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. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit Currency Rate, interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

ORNE

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Brien O'Meara, Bruce E. Robinson, Daniel Bryce Langen James Zeumer, Jim Ossowski, Kelly Marie Conlon, Matthew Zilka Malissa A. Hernandez and Steven M. Cook of Allania, GA (FACH)

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its_act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Millon Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been dalay executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being infull force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety-obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of the Process.

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

WOTED that he greature of the Chairman of the Board, the President, or the Secretary Vice President, or any Senior Vice President of the Surety Business Division, or their appointees designated in writing and filed with he Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

Company.

00ML0013.00.03.03

Page 1 of 2

Printed in U.S.A

In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 2nd day of October, 2014.

Attested and Certified

Arch Insurance Company



Patrick K. Nails, Secretary

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Helen Szafran, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

COMMONYEALTH OF PENNSYLVANIA

NOTARIAL SEAL

HELEN SZAFRAN, Notay Public
City of Philadelphia, Phila, County
My Commission Expires October 3, 2017

Helen Szafran, Notary Public My commission expires 10/03/2017

Finkelstein, Executive Vice President

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated October 2. 2014 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this Act day of September, 2015.

Patrick K. Nails, Secretary

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

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division 3 Parkway, Suite 1500 Philadelphia, PA 19102



00ML0013 00 03 03

Page 2 of 2

Printed in U.S.A.

ACKNOWLEDGEMENT BY SURETY

STATE OF GEORGIA)
)ss.
COUNTY OF FULTON)

This record was acknowledge before me on September 2, 2015, by Brien O'Meara, as Attorney-in-Fact for Arch Insurance Company, who provided to me on the basis of satisfactory evidence to be the person who appeared before me and is personally known to me.

SHIRLEY E HUTCHINS Notery Public Fulton County State of Georgia My Commission Expires Apr 17, 2018

WITNESS my hand and official seal.

Signature of Notary Public

Shirley E. Hutchins

Notary Public State of Georgia

My Commission Expires: April 17, 2018

ACKNOWLEDGEMENT BY PRINCIPAL

STATE OF GEORGIA)

)ss.

COUNTY OF FULTON)

This record was acknowledge before me on September 2, 2015, by Bryce Langen, Assistant Treasurer of Pulte Homes of Indiana, LLC, who provided to me on the basis of satisfactory evidence to be the person who appeared before me and is personally known to me.

WITNESS my hand and official seal.

Signature of Notary Public

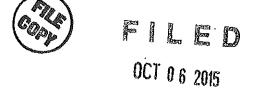
Shirley E. Hutchins

Notary Public State of Georgia

My Commission Expires: April 17, 2018

SHIRLEY E HUTCHINS Notary Public Fullon County State of Georgia

My Commission Expires Apr 17, 2018



Bond No. SU1135091 OFFICE OF HAMILTON COUNTY SURVEYOR

HCDB-2015-00091 PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that Pulte Homes of Indiana, LLC of 11590 N. Meridian, Suite 530, Carmel IN 46032 as Principal, and Arch Insurance Company a corporation organized and existing under the laws of the State of Missouri and authorized to transact business in the state of Indiana, as Surety, are held and firmly bound unto the Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville IN 46060 as Obligee, in the penal sum of eleven thousand five hundred fifty six and 00/100 (\$11,556.00) for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has agreed to construct or have constructed, <u>monumentation in Preserve at Bear Creek – Section 2.</u>

NOW, THEREFORE, the condition of this obligation is such that if said Principal shall well and truly perform said work in accordance with said standards, then this obligation shall be void, otherwise to remain in full force and effect.

Signed, sealed and dated this 2nd of September, 2015.

Pulte Homes of Indiana, LLC

Bryce Langen, Assistant Treasurer

Arch Insurance Company

Brien O'Meara, Attorney-in-Fact





AIC 0000131592

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE 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. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit, Gurrency Rate, interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Briega O'Meara, Briege E. Robinson, Daniel Bryce Eangen, James Zeumer, Jim Ossowski, Kelly Marie Conlon, Matthew Zitka, Melissa A. Hernandez and Steven M. Cook of Allanta, GA (EACH)

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety-and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents half be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter selforth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of atterney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process.

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED That he signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senier Vice President of the Surety Business Division, or their appointees designated in writing and flied with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the

Company.

00ML0013-90-03-03

Page 1 of 2

Printed in U.S.A

In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 2nd day of October, 2014.

Attested and Certifled

Arch Insurance Company

CORPORATE SEAL 1971

David M. Finkelstein, Executive Vice President

Patrick K. Nails, Secretary

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Helen Szafran, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

NOTARIAL SEAL
HELEN SZAFRAN, Notary Public
City of Philadelphila, Phila, County
My Construction Expires October 3, 2017

Fielen Szafran, Notary Public My commission expires 10/03/2017

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch insurance Company, do hereby certify that the attached Power of Attorney dated October 2, 2014 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 2nd day of September, 2015.

Patrick K. Nails, Secretary

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

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division 3 Parkway, Suite 1500 Philadelphia, PA 19102



Page 2 of 2

Printed in U.S.A.

ACKNOWLEDGEMENT BY SURETY

STATE OF GEORGIA))ss. COUNTY OF FULTON)

This record was acknowledge before me on September 2, 2015, by Brien O'Meara, as Attorney-in-Fact for Arch Insurance Company, who provided to me on the basis of satisfactory evidence to be the person who appeared before me and is personally known to me.

SHIRLEY E HUTCHINS

Notary Public

Fullon County

State of Georgia

My Commission Expires Apr 17, 2018

WITNESS my hand and official seal.

Signature of Motary Public

Shirley E. Hutchins

Notary Public State of Georgia

My Commission Expires: April 17, 2018

ACKNOWLEDGEMENT BY PRINCIPAL

STATE OF GEORGIA)

)ss.

COUNTY OF FULTON)

This record was acknowledge before me on September 2, 2015, by Bryce Langen, Assistant Treasurer of Pulte Homes of Indiana, LLC, who provided to me on the basis of satisfactory evidence to be the person who appeared before me and is personally known to me.

WITNESS my hand and official seal.

Signature of Notary Public

Shirley E. Hutchins

Notary Public State of Georgia

My Commission Expires: April 17, 2018

SHIRLEY E HUTCHINS
Notary Public
Fulton County
State of Georgia

My Commission Expires Apr 17, 2018

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Little Eagle Creek Drain, The Preserve at Bear Creek Section 2 Arm

NOTICE

То	Whom	Ιt	May	Concern	and:				
					•		•		
					·				
							. "		

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the Little Eagle Creek Drain, The Preserve at Bear Creek Section 2 Arm on February 22, 2016 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

Little Eagle Creek Drain,
The Preserve at Bear Creek 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 February 22, 2016 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

November 28, 2017

Re: Little Eagle Creek Drain: The Preserve at Bear Creek Sec. 2

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

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated January 5, 2016. The report was approved by the Board at the hearing held February 22, 2016. (See Drainage Board Minutes Book 16, Pages 453-455) The changes are as follows: the 12" RCP was shortened from 1,475 to 1,455 feet. The 15" RCP was lengthened from 181 to 184 feet. The 18" RCP was lengthened from 620 to 636 feet. The 21" RCP was lengthened from 412 feet to 414 feet. The 24" RCP was lengthened from 273 to 274 feet. The 6" SSD was shortened from 10,947 to 10,542 feet. It should be noted that the 6" SSD running across CA2-A into Str. 641 was omitted. Also, the 6" SSD across lot 44 was shortened and the SSD across lots 60 to 61. The length of the drain due to the changes described above is now 13,505 feet.

The non-enforcement was approved by the Board at its meeting on February 22, 2016 and recorded under instrument #2016032999.

The following sureties were guaranteed by Arch Insurance Company and released by the Board on its November 13, 2017 meeting.

Bond-LC No: SU1135086 Amount: \$362,512.44 For: Storm Sewers & SSD Issue Date: September 2, 2015

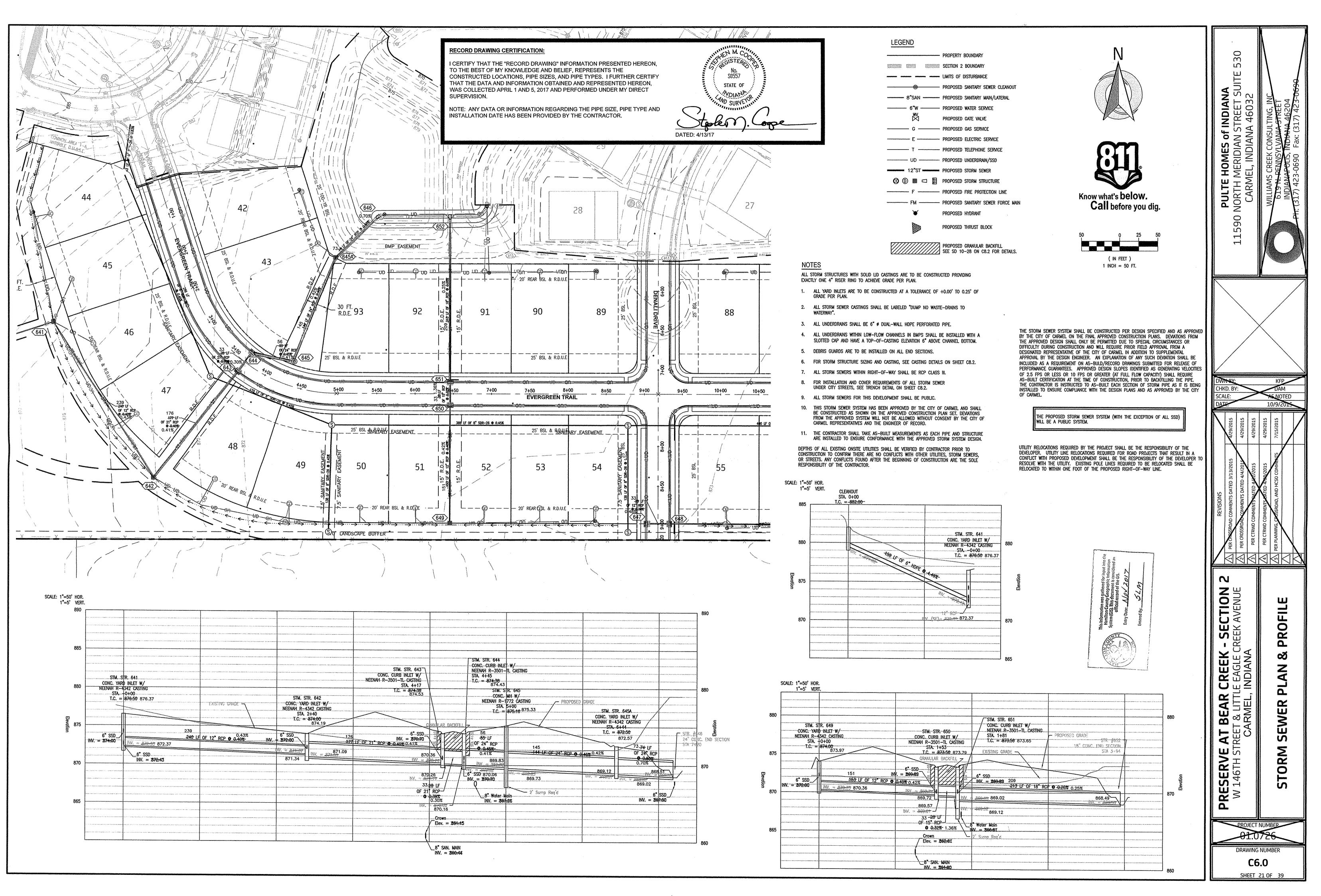
I recommend the Board a	approve the drain's construction as	complete and	acceptable.
	, , , , , , , , , , , , , , , , , , ,	1	

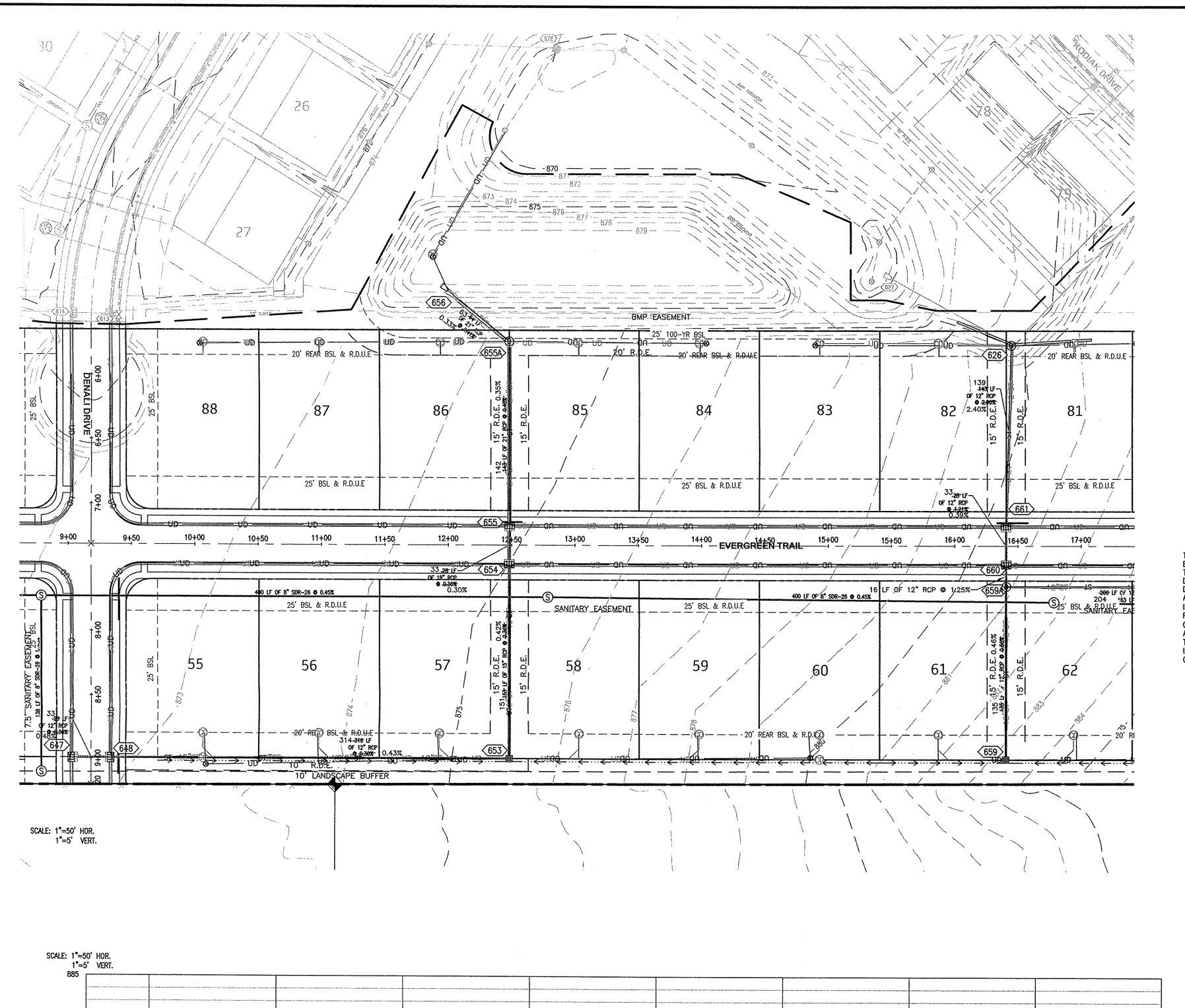
Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor					
Re: Bear Creek Section 2					
I hereby certify that:					
1. I am a Registered Land Surveyor or Er	ngineer in the State of Indiana.				
2. I am familiar with the plans and specif	ications for the above referenced subdivision.				
3. I have personally observed and supervisor for the above referenced subdivision.	ised the completion of the drainage facilities				
-	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: David A Me	Date: 10-27-17				
Type or Print Name: David A Marks	, P.E.				
	ia Street				
	diana 46204				
Telephone Number: <u>\$17-423-0690</u>					
SEAL	INDIANA REGISTRATION NUMBER				
LILLO DE GISTE A CONTE	PE 11011806				
No. PE11011806 STATE OF WOIANA SOONAL ENCORPORA					
William .					





ALL STORM STRUCTURES WITH SOLID LID CASTINGS ARE TO BE CONSTRUCTED PROVIDING EXACTLY ONE 4" RISER RING TO ACHIEVE GRADE PER PLAN.

- ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.25' OF
- 2. ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO
- 3. ALL UNDERDRAINS SHALL BE 6" Ø DUAL-WALL HDPE PERFORATED PIPE.
- 4. ALL UNDERDRAINS WITHIN LOW-FLOW CHANNELS IN BMPS SHALL BE INSTALLED WITH A SLOTTED CAP AND HAVE A TOP-OF-CASTING ELEVATION 6" ABOVE CHANNEL BOTTOM.
- 5. DEBRIS GUARDS ARE TO BE INSTALLED ON ALL END SECTIONS.
- FOR STORM STRUCTURE SIZING AND CASTING, SEE CASTING DETAILS ON SHEET C8.2.
- 7. ALL STORM SEWERS WITHIN RIGHT-OF-WAY SHALL BE RCP CLASS III.
- 8. FOR INSTALLATION AND COVER REQUIREMENTS OF ALL STORM SEWER UNDER CITY STREETS, SEE TRENCH DETAIL ON SHEET C8.2.
- 9. ALL STORM SEWERS FOR THIS DEVELOPMENT SHALL BE PUBLIC.
- 10. THIS STORM SEWER SYSTEM HAS BEEN APPROVED BY THE CITY OF CARMEL AND SHALL BE CONSTRUCTED AS SHOWN ON THE APPROVED CONSTRUCTION PLAN SET. DEVIATIONS FROM THE APPROVED SYSTEM WILL NOT BE ALLOWED WITHOUT CONSENT BY THE CITY OF CARMEL REPRESENTATIVES AND THE ENGINEER OF RECORD.
- 11. THE CONTRACTOR SHALL TAKE AS-BUILT MEASUREMENTS AS EACH PIPE AND STRUCTURE ARE INSTALLED TO ENSURE CONFORMANCE WITH THE APPROVED STORM SYSTEM DESIGN.

DEPTHS OF ALL EXISTING ONSITE UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION TO CONFIRM THERE ARE NO CONFLICTS WITH OTHER UTILITIES, STORM SEWERS, OR STREETS. ANY CONFLICTS FOUND AFTER THE BEGINNING OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

THE PROPOSED STORM SEWER SYSTEM (WITH THE EXCEPTION OF ALL SSD) WILL BE A PUBLIC SYSTEM.

UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED SHALL BE RELOCATED TO WITHIN ONE FOOT OF THE PROPOSED RIGHT-OF-WAY LINE.

THE STORM SEWER SYSTEM SHALL BE CONSTRUCTED PER DESIGN SPECIFIED AND AS APPROVED BY THE CITY OF CARMEL ON THE FINAL APPROVED CONSTRUCTION PLANS. DEVIATIONS FROM THE APPROVED DESIGN SHALL ONLY BE PERMITTED DUE TO SPECIAL CIRCUMSTANCES OR DIFFICULTY DURING CONSTRUCTION AND WILL REQUIRE PRIOR FIELD APPROVAL FROM A DESIGNATED REPRESENTATIVE OF THE CITY OF CARMEL IN ADDITION TO SUPPLEMENTAL APPROVAL BY THE DESIGN ENGINEER. AN EXPLANATION OF ANY SUCH DEVIATION SHALL BE INCLUDED AS A REQUIREMENT ON AS-BULD/RECORD DRAWINGS SUBMITTED FOR RELEASE OF PERFORMANCE GUARANTEES. APPROVED DESIGN SLOPES IDENTIFIED AS GENERATING VELOCITIES OF 2.5 FPS OR LESS OR 10 FPS OR GREATER (AT FULL FLOW CAPACITY) SHALL REQUIRE AS-BUILT CERTIFICATION AT THE TIME OF CONSTRUCTION, PRIOR TO BACKFILLING THE PIPE. THE CONTRACTOR IS INSTRUCTED TO AS-BUILT EACH SECTION OF STORM PIPE AS IT IS BEING INSTALLED TO ENSURE COMPLIANCE WITH THE DESIGN PLANS AND AS APPROVED BY THE CITY

LEGEND

PROPERTY BOUNDARY SECTION 2 BOUNDARY - --- LIMITS OF DISTURBANCE ------ PROPOSED SANITARY SEWER CLEANOUT ----- 6"W ------ PROPOSED WATER SERVICE PROPOSED GATE VALVE G PROPOSED GAS SERVICE

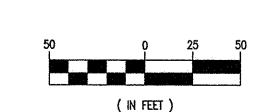
PROPOSED ELECTRIC SERVICE T PROPOSED TELEPHONE SERVICE ----- UD ------ PROPOSED UNDERDRAIN/SSD 12"ST PROPOSED STORM SEWER

② ◎ ■ □ 日 PROPOSED STORM STRUCTURE

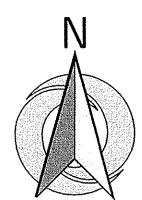
----- PROPOSED FIRE PROTECTION LINE ------ PROPOSED SANITARY SEWER FORCE MAIN PROPOSED HYDRANT

PROPOSED GRANULAR BACKFILL SEE SD 10-28 ON C8.2 FOR DETAILS.

PROPOSED THRUST BLOCK

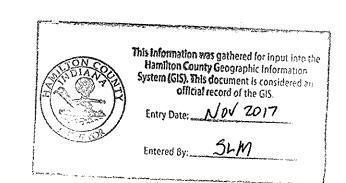


1 INCH = 50 FT.





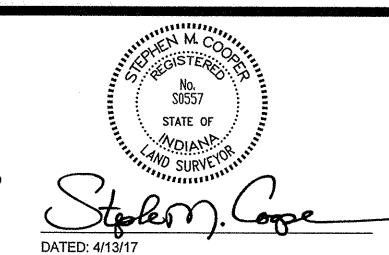
Call before you dig.

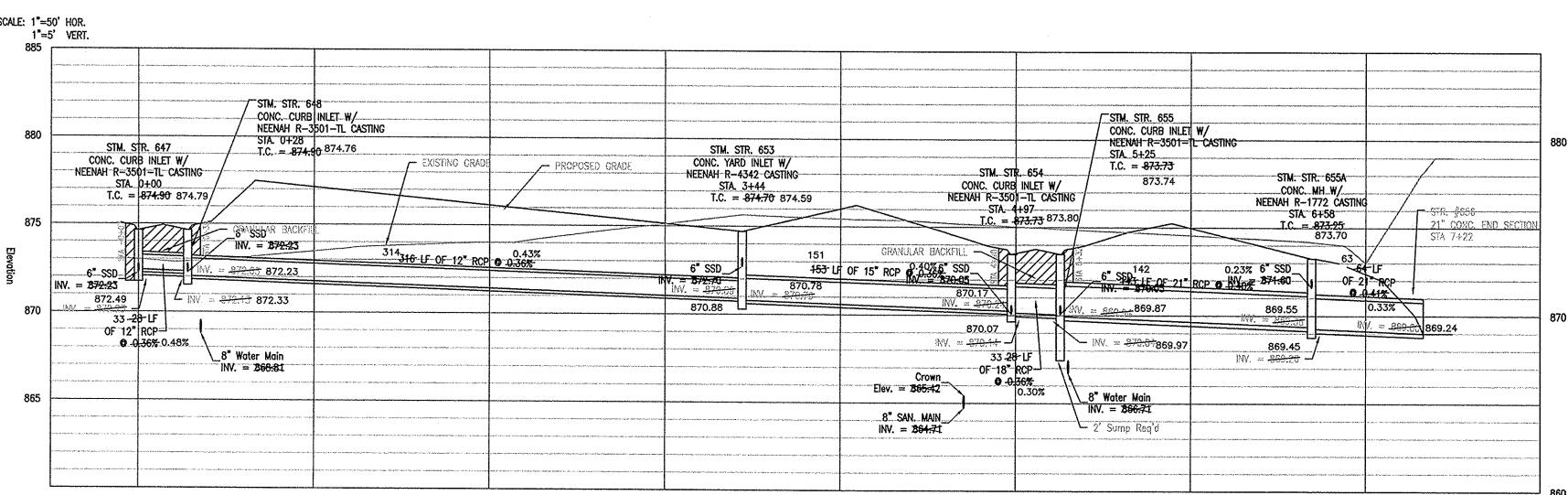


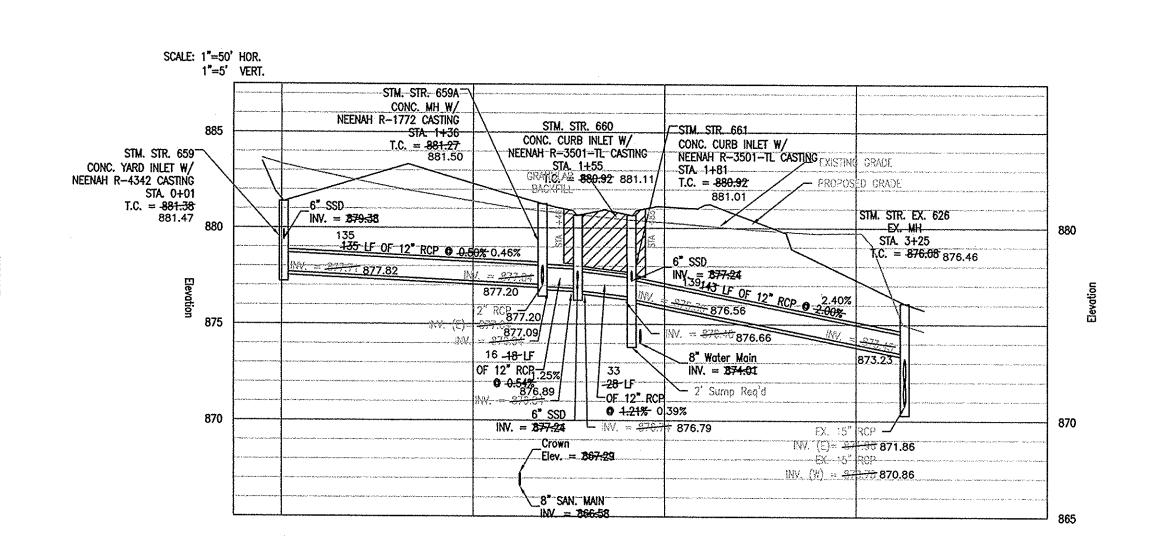
RECORD DRAWING CERTIFICATION:

I CERTIFY THAT THE "RECORD DRAWING" INFORMATION PRESENTED HEREON. TO THE BEST OF MY KNOWLEDGE AND BELIEF, REPRESENTS THE CONSTRUCTED LOCATIONS, PIPE SIZES, AND PIPE TYPES. I FURTHER CERTIFY THAT THE DATA AND INFORMATION OBTAINED AND REPRESENTED HEREON, WAS COLLECTED APRIL 1 AND 5, 2017 AND PERFORMED UNDER MY DIRECT SUPERVISION.

NOTE: ANY DATA OR INFORMATION REGARDING THE PIPE SIZE, PIPE TYPE AND INSTALLATION DATE HAS BEEN PROVIDED BY THE CONTRACTOR.







CTION AVENUE

- SE REEK

 ∞

0

Ŋ

RO **Q** ∞ 2 Ш EW S

RM 0 **X** 5

> Drawing Number C6.1 SHEET 22 OF 39

PROJECT NUMBER

