



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

August 21, 2017

To: Hamilton County Drainage Board

Re: Vestal-Kirkendall Drainage Area, Fred Hines Arm, Cranbrook Relocation

Attached are petition and plans for the proposed reconstruction of the Vestal-Kirkendall Drainage Area, Fred Hines Arm. This project is to be paid for by Cianbrook Developer LLC by Platinum Properties Management Company, LLC. The proposal is to reconstruct the existing tile drains currently on parcel 10-06-33-00-00-010.000, owned by Thelma Curtis; parcel 10-06-33-00-00-010.004, owned by Cranbrook Developer LLC; State Road 32 right-of-way owned by the State of Indiana; parcel 10-10-04-00-00-002.000 owned by Janet A. & Michael P. Vawter and Marsha M. McMillen; and parcel 10-10-04-00-00-028.000 owned by the City of Noblesville, and the Midland Trace Trail right-of-way owned by the City of Noblesville, per the Cranbrook, Sec. 1 project plans by Stoeppelwerth & Associates, Job No. 75880PLA-S1, dated February 27, 2017.

Per the plans, the upstream end of this relocation will begin at a new manhole, Str. 817 (which is Sta. 25:16 of the original description) on the north side of Cranbrook, Sec. 1 and drain south through Cranbrook Subdivision. The drain will cross under State Road 32, then south along the east property line, the Vawter//McMillen parcel, then southwest to tie into an existing storm manhole on the north side of the proposed Midland Trace Trail.

This reconstruction will consist of the following:

125' of 33" RCP 79' of 42" RCP 1798' of 36" RCP 230' of Open Drain

The new drain involves the lengths of drain between the following structures: 817, 812, 813, 814, 815, 816, 835, 835A, 834A, 833, 832, MP#EX.

The newly installed drain will have a length of 2,232'.

Regarding the existing drain, this project will vacate 1,948' of existing drain between the following locations: On Arm 3, the entire 470' of the arm will be vacated from existing station 0 to 4+70. On the Main drain, 1,478' will be vacated between approximate existing Sta. 25+16 and Sta. 39+94.

This proposal will add 284' of footage to the drain's total length.

Note: Arm 4, which drains area west of Gray Road, is not affected by this relocation. Arm 4 joins the main drain on the Vawter & McMillen parcel, approximately at Sta. 39+85 (noted above). Arm 4 and the main drain between Sta. 39+94 and Sta. 42+60 will remain in place until such time as that portion of the drain is reconstructed. The portion of the existing 14" tile between S.R. 32 and Sta. 39+94 shall be vacated in place and no longer be maintained as regulated drain.

The 230' of open drain noted above is the distance between strs 816 and 835 in detention area / Lake 1 in Cranbrook, Sec. 1. The detention area is not to be considered part of the regulated drain for maintenance. Drain maintenance at the detention area shall include the pipe inlet and outlet as part of the regulated drain. The maintenance of the pond such as sediment removal, erosion control along the banks, mowing and aquatic vegetation control will be the responsibility of the City of Noblesville or the Homeowners Association. The Board will retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained, thereby, allowing no fill or easement encroachments. The other storm facilities in Cranbrook, Sec. 1 not listed in this report will be maintained by the City of Noblesville.

The Fred E. Hines Drain was established by the Hamilton County Circuit Court in 1929 upon petition by the Commissioners of Drainage and Engineer. See Commissioners Record Book 29, pages 423- 425 and 475-476. In 2009, the drain was made an arm to the Vestal-Kirkendall Drainage Area. See Drainage Board Minutes Book 11, pages 540-544. The downstream end of this relocation connects to an existing manhole which was approved at hearing on January 27, 2014 as part of the Vestal/Kirkendall Drainage Area, Fred Hines Arm – Slater Run Section 2 Relocation. See Minutes Book 15, Pages 326-328.

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:

Bording Company: Aspen American Insurance Company

Date: July 27, 2017

Expiration Date: July 27, 2018

Number: SU14951

For Cranbrook, Section I. Offsite Storm Sewer. Noblesville, Indiana

Amount: \$201,856 80 HCDB-2017-00041 Bonding Company: Aspen American Insurance Company

Date: August 8, 2017

Expiration Date: August 8, 2018

Number: SU14958

For: Cranbrook, Section 1, Onsite Storm Sewer, Noblesville, Indiana

Amount: \$201,856.80 HCDB-2017-00044

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 follows: Within existing regulated drain easement on parcel 10-06-33-00-00-010.000, owned by Thelma Curtis; within drainage easement as per the recorded plat for Cranberry, Sec. 1; within right-of-way for State Road 32; within recorded easement on parcel 10-10-04-00-00-002.000 owned by Vawter & McMillan (Easement dedication document to be recorded upon approval); Within the statutory easement on parcel 10-10-04-00-00-028.000 and right of-way owned by the City of Noblesville.

I recommend the Board set a hearing date for October 23, 2017.

Sincere)

Kentol C., Ward

Hamilton County Surveyor

KCW/stc

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Vestal/Kirkendall Drainage Area, Fred Hines Arm Cranbrook Relocation

Station 0 to Station 4+70 of Arm 3 Station 25+16 to Station 39+94 of the Main Drain

On this 23^{rd} day of October, 2017, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Station 0 to Station 4+70 of Arm 3 and Station 25+16 to Station 39+94 of the Main Drain.

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 Station 0 to Station 4+70 of Arm 3 and Station 25+16 to Station 39+94 of the Main Drain.

HAMILTON COUNTY DRAINAGE BOARD

President

Manlead

Alternate Member

Attest Seprette Moskaug

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

Vestal/Kirkendall Drainage Area, Fred Hines Arm - Cranbrook Relocation

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the <code>Vestal/Kirkendall Drainage Area, Fred Hines Arm - Cranbrook Relocation</code> came before the Hamilton County Drainage Board for hearing on <code>October 23, 2017</code>, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

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

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

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

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

Wherefore, it is ORDERED, that the proposed Reconstruction of the Vestal/Kirkendall Drainage Area, Fred Hines Arm - Cranbrook 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:

nette Mosbo utive Secretary

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE:	Cranbrook, Section 1)
Hami	lton County, Indiana)



OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

	Cranbrook Developer, LLC (hereinafter Petitioner)	'),
nereby	etitions the Hamilton County Drainage Board for authority to relocate and improve a	
section	f the Drain, and in support of	
said pe	tion advises the Board that:	
1.	etitioner owns real estate through which a portion of the Fred Hines	_
	Prain runs.	
2.	retitioner plans to develop its real estate with roads, buildings, utilities, storm drains,	
	anitary sewers and other structures.	
3.	etitioner's proposed development of its real estate will require relocation and	
	econstruction of a portion of the Fred Hines Drain, as	
	pecifically 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
	ne sole expense of the Petitioner and such work will result in substantial improvement	
	ne Fred Hines Drain, without cost to other property owners	
	n the watershed of the Fred Hines Drain.	•
v	HEREFORE, Petitioner requests that an Order issued from the Hamilton County	
	Board authorizing relocation and reconstruction of the Fred Hines	
	conformance with applicable law and plans and specifications on file with the Hamil	on
County	Surveyor. Signed	
	Tim Walter	
	Printed	

Adobe PDF Fillable Form

July 25, 2017

Hamilton County Surveyor One Hamilton County Square, Suite 188 Noblesville, Indiana 46060

Attention: Greg Hoyes

F | L E D

AUG 0 1 2017

OFFICE OF HAMILTON COUNTY SURVEYOR

Re: Cranbrook, Section 1

Dear Mr. Hoyes:

On behalf of the developer, please accept this Engineer's Estimate for Cranbrook, Section 1. The estimate is as follows:

Item	Unit	ι	Init Cost	Quantities	Cost
STORM SEWERS					
On-site Mains, Structures & Backfill					
36" Pipe	EA	\$	74	489	\$ 36,186
42" Pipe	LF	\$	132	79	\$ 10,400
42" End Section	EA	\$	1,850	1	\$ 1,850
Standard Storm Manholes	EA	\$	3,350	5	\$ 16,750
Large Storm Manholes & Double Inlets	EA	\$	3,950	3	\$ 11,850
Backfill	TON	\$	17	46	\$ 782
					\$ 77,818
Off-Site Storm Sewer Improvements					
Jack, Bore & Case Under SR 32	LS	\$	57,250	1.00	\$ 57,250
36" Pipe	EA	\$	74	1286	\$ 95,164
Large Storm Manholes	EA	\$	3,950	4.00	\$ 15,800
					\$ 168,214
GRAND TOTAL					\$ 246,032

If you have any questions or comments regarding this estimate, please call Brett A. Huff at (317) 570-4841.

Witness my signature this 25th day of July 2017.

David J. Stoeppelwerth Professional Engineer

No. 19358

Cc: Tim Walsh

BAH/meb

S:\75880PLA-S1\Blue_Book\Agency_Correspondence\HamiltonCountySurveyorHoyesEE07-25 -17.doc

STOEPAE ARTHUR STOEPA

LAND DEVELOPMENT SUPPORT SOLUTIONS

ENGINEERING | SURVEYING





RE: Vestal - Kirkendall Drainage Area, Fred Hines Arm, Cranbrook, Sec 1 Relocation

Aspen American Insurance Company 175 Capital Boulevard Rocky Hill, CT 06067

HCDB-2017-00041

SUBDIVISION PERFORMANCE BOND

(Annual Premium until Released by Obligee)

Bond No.: SU14951

KNOW ALL PERSONS BY THESE PRESENTS, That we, <u>Platinum Properties Management Company</u>, <u>LLC</u> called the Principal, and <u>Aspen American Insurance Company</u>, a <u>Texas</u> corporation, called the Surety, are held and firmly bound unto <u>Hamilton County Board of Commissioners</u>, called the Obligee, in the sum of <u>Two Hundred One Thousand Eight Hundred Fifty-six And 80/100THS (\$201,856.80)</u> for the payment thereof said Principal and Surety bind themselves, jointly and severally, as provided herein.

WHEREAS, in order to file a plat or subdivision map, or to obtain a permit, the Principal has entered into a contract with the Obligee which requires the Principal make certain improvements to the land as more particularly set forth in Cranbrook Section 1, Offsite Storm Sewer, Noblesville, Indiana (hereinafter referred to as the "Contract").

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall construct the improvements described in the Contract, then this obligation shall be void, otherwise to remain in full force and effect. This obligation is subject to the following conditions:

- 1. This bond runs to the benefit of the named Obligee only, and no other person shall have any rights under this bond. No claim shall be allowed against this bond after the expiration of one year from the date set forth in the preceding paragraph, or one year from the end of the latest extension of time consented to in writing by Surety, whichever occurs last. If the limitation set forth in this bond is void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- 2. This bond is not a forfeiture obligation, and in no event shall the Surety's liability exceed the reasonable cost of completing the improvements described in the Contract not completed by the Principal, or the sum of this bond, whichever is less.

Signed this 27th day of July, 2017

FILED

AUG 0 1 2017

OFFICE OF HAMILTON COUNTY SURVEYOR

(Principal)

Company, LLC

Platinum Properties Management

Aspen American Insurance Company

Sheree Kuo Hsieh, Attorney-in-Fact



Aspen American Insurance Company 175 Capital Boulevard, Rocky Hill, CT 06067

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, THAT Aspen American Insurance Company, a corporation duly organized under the laws of the State of Texas, and having its principal offices in Rocky Hill, Connecticut, (hereinafter the "Company") does hereby make, constitute and appoint: Michael M. Bill; Mark B. Jones; Michael Joseph Marsella; Cynthia L. Jenkins; Sheree Kuo Hsieh; Brenda K. Johnston; Lauran Reynolds of M.J. Insurance its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge on behalf of the Company, at any place within the United States, the following instrument(s) by his/her sole signature and act; any and all bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto, and to bind the Company thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Company. All acts of said Attorney(s)-in-Fact done pursuant to the authority herein given are hereby ratified and confirmed.

This appointment is made under and by authority of the following Resolutions of the Board of Directors of said Company effective on April 7, 2011, which Resolutions are now in full force and effect;

VOTED: All Executive Officers of the Company (including the President, any Executive, Senior or Assistant Vice President, any Vice President, any Treasurer, Assistant Treasurer, or Secretary or Assistant Secretary) may appoint Attorneys-in-Fact to act for and on behalf of the Company to sign with the Company's name and seal with the Company's seal, bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said Executive Officers at any time may remove any such appointee and revoke the power given him or her.

VOTED: The foregoing authority for certain classes of officers of the Company to appoint Attorneys-in-Fact by virtue of a Power of Attorney to sign and seal bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, as well as to revoke any such Power of Attorney, is hereby granted specifically to the following individual officers of Aspen Specialty Insurance Management, Inc.:

Michael Toppi, Executive Vice President, Scott Sadowsky, Senior Vice President, James Mercier, Senior Vice President, Mathew Raino, Vice President, Scott Mandeville, Vice President and Ryan Field, Assistant Vice President.

This Power of Attorney may be signed and scaled by facsimile (mechanical or printed) under and by authority of the following Resolution voted by the Boards of Directors of Aspen American Insurance Company, which Resolution is now in full force and effect:

VOTED: That the signature of any of the Officers identified by title or specifically named above may be affixed by facsimile to any Power of Attorney for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any and all consents incident thereto, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company. Any such power so executed and certified by such facsimile signature and/or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking so executed.

IN WITNESS WHEREOF, Aspen American Insurance Company has caused this instrument to be signed and its corporate seal to be hereto affixed this 22nd day of November, 2011.

Aspen American Insurance Company

STATE OF CONNECTICUT

SS. ROCKY HILL

COUNTY OF HARTFORD

Mathew Raino, Vice President

On this 22nd day of November, 2011 before me personally came Mathew Raino to me known, who being by me duly sworn, did depose and say that he stip is the Company described in and which executed the above instrument; that he she knows the seaf of sain exposurion; that he seal affixed to the said instrument is such corporate seal; and that he seal affixed to the said instrument on behalf of the Company by authority of his/high advantage above Resolutions thereof.

Motary Public . Taker

Notary Public
My commission expires: 5/31/30/6

CERTIFICATE

I, the undersigned, Mathew Raino of Aspen American Insurance Company, a stock corporation of the State of Texas, do hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the Boards of Directors, as set forth above, are now and remain in full force and effect.

Given under my hand and seal of said Company, in Rocky Hill, Connecticut, this 27th day of July , 2017

Name: Mathew Raino, Vice President

* For verification of the authenticity of the Power of Attorney you may call (860) 760-7728 or email:Patricia.Taber@aspenspecialty.com

FILED

AUG 0 8 2017





RE: Vestal - Kirkendall Drainage Area, Fred Hines Arm Cranbrook, Sec. 1 Relocation

Aspen American Insurance Company 175 Capital Boulevard Rocky Hill, CT 06067

SUBDIVISION PERFORMANCE BOND

(Annual Premium until Released by Obligee)

HCDB 2011-00044

Bond No.: SU14958

KNOW ALL PERSONS BY THESE PRESENTS, That we, Platinum Properties Management Company, LLC called the Principal, and Aspen American Insurance Company, a Texas corporation, called the Surety, are held and firmly bound unto Hamilton County Board of Commissioners , called the Obligee, in the sum of Ninety-three Thousand Three Hundred Eighty-one And 60/100THS (\$93,381.60) for the payment thereof said Principal and Surety bind themselves, jointly and severally, as provided herein.

WHEREAS, in order to file a plat or subdivision map, or to obtain a permit, the Principal has entered into a contract with the Obligee which requires the Principal make certain improvements to the land as more particularly set forth in Cranbrook Section 1 - Onsite Storm Sewer (hereinafter referred to as the "Contract").

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall construct the improvements described in the Contract, then this obligation shall be void, otherwise to remain in full force and effect. This obligation is subject to the following conditions:

- 1. This bond runs to the benefit of the named Obligee only, and no other person shall have any rights under this bond. No claim shall be allowed against this bond after the expiration of one year from the date set forth in the preceding paragraph, or one year from the end of the latest extension of time consented to in writing by Surety, whichever occurs last. If the limitation set forth in this bond is void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- 2. This bond is not a forfeiture obligation, and in no event shall the Surety's liability exceed the reasonable cost of completing the improvements described in the Contract not completed by the Principal, or the sum of this bond, whichever is less.

Signed this 8th day of August, 2017

(Principal)

Platinum Properties Management Company, LLC

By:₄

Bv

Aspen American Insurance Company

Brenda K. Johnston, Aftorney-in-Fact



Aspen American Insurance Company 175 Capital Boulevard, Rocky Hill, CT 06067

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, THAT Aspen American Insurance Company, a corporation duly organized under the laws of the State of Texas, and having its principal offices in Rocky Hill, Connecticut, (hereinafter the "Company") does hereby make, constitute and appoint: Michael M. Bill; Mark B. Jones; Michael Joseph Marsella; Cynthia L. Jenkins; Sheree Kuo Hsich; Brenda K. Johnston; Lauran Reynolds of MJ Insurance its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge on behalf of the Company, at any place within the United States, the following instrument(s) by his/her sole signature and act: any and all bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto, and to bind the Company thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Company. All acts of said Attorney(s)-in-Fact done pursuant to the authority herein given are hereby ratified and confirmed.

This appointment is made under and by authority of the following Resolutions of the Board of Directors of said Company effective on April 7, 2011, which Resolutions are now in full force and effect;

VOTED: All Executive Officers of the Company (including the President, any Executive, Senior or Assistant Vice President, any Vice President, any Treasurer, Assistant Treasurer, or Secretary or Assistant Secretary) may appoint Attorneys-in-Fact to act for and on behalf of the Company to sign with the Company's name and scal with the Company's seal, bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said Executive Officers at any time may remove any such appointee and revoke the power given him or her.

VOTED: The foregoing authority for certain classes of officers of the Company to appoint Attorneys-in-Fact by virtue of a Power of Attorney to sign and seal bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, as well as to revoke any such Power of Attorney, is hereby granted specifically to the following individual officers of Aspen Specialty Insurance Management, Inc.:

Michael Toppi, Executive Vice President, Scott Sadowsky, Senior Vice President, James Mercier, Senior Vice President, Mathew Raino, Vice President, Scott Mandeville, Vice President and Ryan Field, Assistant Vice President.

This Power of Attorney may be signed and sealed by facsimile (mechanical or printed) under and by authority of the following Resolution voted by the Boards of Directors of Aspen American Insurance Company, which Resolution is now in full force and effect:

VOTED: That the signature of any of the Officers identified by title or specifically named above may be affixed by facsimile to any Power of Attorney for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any and all consents incident thereto, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company. Any such power so executed and certified by such facsimile signature and/or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking so executed.

IN WITNESS WHEREOF, Aspen American Insurance Company has caused this instrument to be signed and its corporate seal to be hereto affixed this 22nd day of November, 2011.

STATE OF CONNECTICUT

SS. ROCKY HILL

COUNTY OF HARTFORD

Mathew Ramo, Vice President

Aspen American Insurance Company

On this 22nd day of November, 2011 before me personally came Mathew Raino to me known, who being by me duty swom, did depose and say that President, of Aspen American Insurance Company, the Company described in and which executed the above instrument; that he/she knows the sext of site con the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the Company by authority of his/hig office and darks Resolutions thereof.

Notary Public

Notary Public
My commission expires: 5/31/30/6

CERTIFICATE

I, the undersigned, Mathew Raino of Aspen American Insurance Company, a stock corporation of the State of Texas, do hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the Boards of Directors, as set forth above, are now and remain in full force and effect.

Given under my hand and seal of said Company, in Rocky Hill, Connecticut, this 8th. day of August _____, 2017

Name: Mathew Raino, Vice President

* For verification of the authenticity of the Power of Attorney you may call (860) 760-7728 or email:Patricia. Taber@aspenspecialty.com

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Vestal/Kirkendall Drainage Area, Fred Hines Arm Cranbrook Relocation

NOTICE

Го	Whom	It	May	Concern	and:	

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the Vestal/Kirkendall Drainage Area, Fred Hines Arm, Cranbrook Relocation on October 23, 2017 at 9:05 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)	aa	ממסחם		፣፣አለለፕ፣ ጣረጓን
)	SS	BEFORE	THE	HAMILTON
)				
COUNTY	OF	HAMILTON)		DRAINAC	E BO	DARD

IN THE MATTER OF Vestal/Kirkendall Drainage Area, Fred Hines Arm, Cranbrook Relocation

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting October 23, 2017 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: Mark Heirbrandt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



Surveyor of Hamilton County

Thone (317) 776-8495

Fax (317) 776-9628

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

To: Hamilton County Drainage Board

June 26, 2018

Re: Vestal-Kirkendall D.A.: Fred Hines Drain - Cranbrook Relocation

Attached are as-built, certificate of completion & compliance, and other information for Cranbrook Relocation. 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 August 21, 2017. The report was approved by the Board at the hearing held October 23, 2017. (See Drainage Board Minutes Book 17, Pages 500-502) The changes are as follows: The 33" RCP was upsized to 36" RCP. The 36" RCP was lengthened from 1798 feet to 1906 feet. The 42" RCP was shortened from 79 feet to 77 feet. The open ditch was lengthened from 230 feet to 275 feet. The length of the drain due to the changes described above is now **2,258 feet**.

The non-enforcement for Cranbrook was approved by the Board at its meeting on October 23, 2017 and recorded under instrument #2018055601. The Vawter and McMillan drainage easement was recorded under instrument #2017056694. The following sureties were guaranteed by Aspen American Insurance Company and released by the Board on its June 11, 2018 meeting.

Bond-LC No: SU14951 Amount: \$ 201,856.8 For: Storm Sewers & SSD Issue Date: July 27, 2018

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

Sincerely.

Kenton C. Ward, CFM Hamilton County Surveyor



OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Cranbrook 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. Date: 5/15/2018 Signature: Type or Print Name: Dennis D. Olmstead Business Address: Stoeppelwerth & Associates, Inc. 7965 East 106th Street, Fishers, Indiana 46038 Telephone Number: (317) 849-5935 **SEAL** INDIANA REGISTRATION NUMBER 900012

LOCATION MAP SCALE: 1"=2000'



FLOOD STATEMENT NO PORTION OF THIS SITE LIES WITHIN A ZONE "A" PER

	INDEX
SHT.	DESCRIPTION
C001	COVER SHEET
C100-C102	TOPOGRAPHICAL SURVEY
C200-C204	SITE DEVELOPMENT PLAN EMERGENCY FLOOD ROUTE
C300-C313	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-C407	STREET PLAN & PROFILES INTERSECTION DETAILS TRAFFIC CONTROL PLAN UTILITY PLAN MAILBOX PLAN
C500-C502	SANITARY SEWER PLAN & PROFILE FUTURE SANITARY PLAN
C600-C606	STORM SEWER PLAN & PROFILES SUB-SURFACE DRAIN PLAN
C700-C703	WATER PLAN WATER DETAILS
C800	CONSTRUCTION DETAILS
C900	LANDSCAPE PLANS

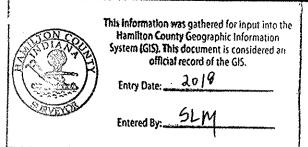
NOBLESVILLE DETAILS INDEX SHT. DESCRIPTION DIRECTIONS FOR USE, & GENERAL NOTES 2 RIGHT-OF-WAY & UTILITY ESMT. GUIDELINES 3 PAVEMENT, CURB & SIDEWALK DETAILS AND NOTES 4 STORM SEWER BEDDING DETAILS AND NOTES STORM SEWER MANHOLES, INLETS, & GENERAL NOTES SANITARY SEWER BEDDING DETAILS AND NOTES SANITARY SEWER DETAILS AND NOTES MISCELLANEOUS DETAIL AND NOTES I SIGN, DRIVEWAY, AND DECORATIVE SIDEWALK DETAILS MISCELLANEOUS DETAILS AND NOTES III STREET CUT DETAILS STREET LIGHTING & TRAFFIC SIGNAL STANDARDS, DETAILS AND NOTES

REVISIONS

LANSCAPE PLANTING AND SEEDING DETAILS AND GENERAL NOTES

SHT.	DESCRIPTION
ALL	REVISED PER TAC COMMENTS 04/03/17 CCE
C200 C201	REVISED EASEMENT BETWEEN LOTS 5 / 6 & 19 / 20 06/09/17 PDR REV'D ESMT. AT LOTS 16 & 33, ADDED SWALE TO EAST 06/09/17 PDR
ALL	REVISED PER TAC COMMENTS 06/29/17 GEM
C201, C202, C602, C604, & C605	ADDED STRUCTURE 832A 07/14/17 ADG
ALL	AS BUILTS 05/08/18 CCE

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



Developed by:

Cranbrook Developer, LLC

Indianapolis, Indiana 46256

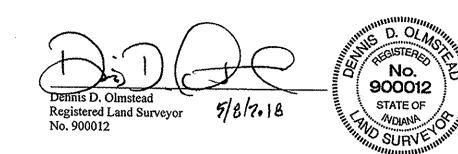
Contact Person: Tim Walsh

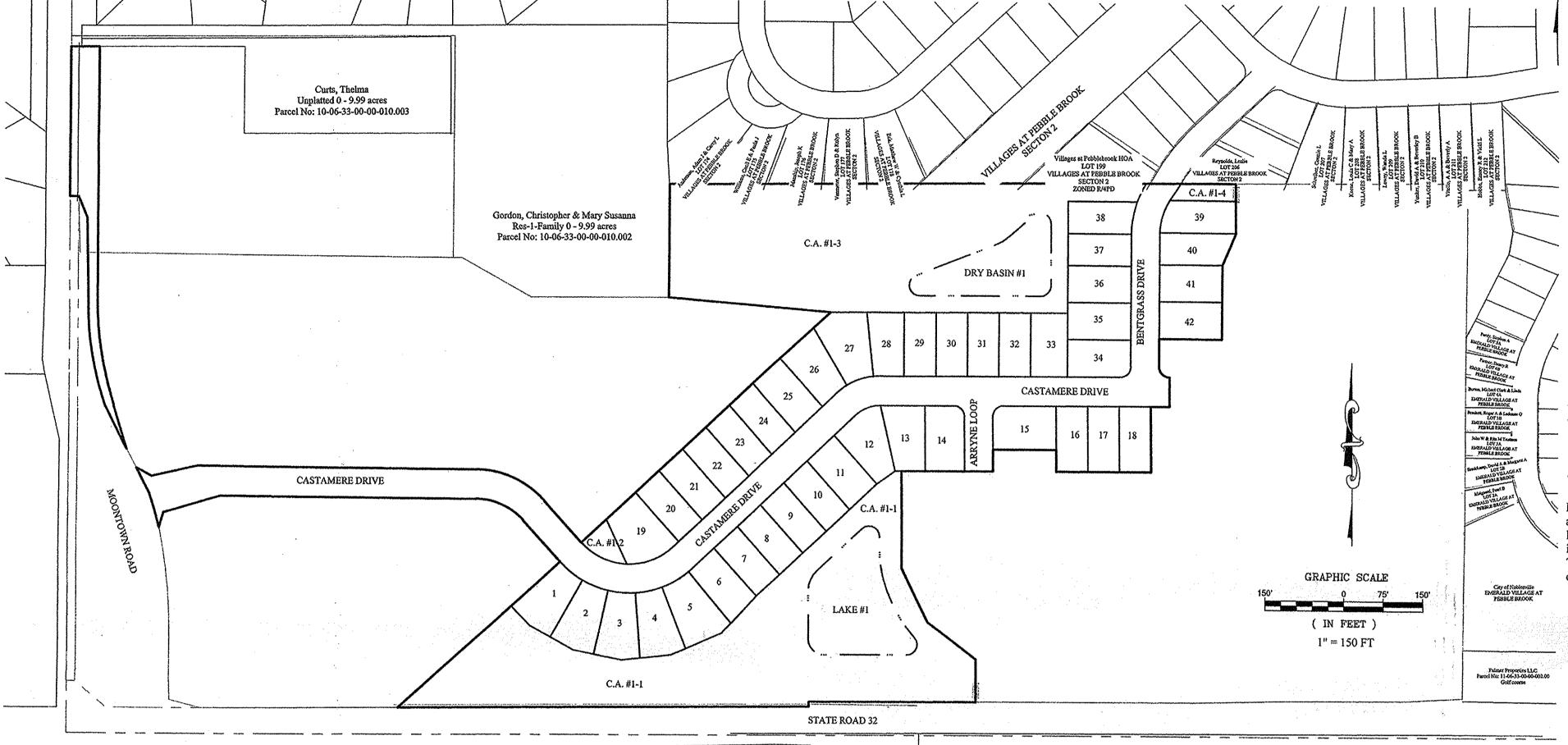
Phone: (317)-564-7304

9757 Westpoint Drive, Suite 600

CRANBROOK RECORD DRAWING

SECTION ONE





CRANBROOK

Bird Dog Holding LLC & Wayne Wheeler

the undersigned Registered Land Surveyor hereby certify that the included plat correctly represents a subdivision of part of the Southwest Quarter of Section 33, Township 19 North, Range 4 East, Noblesville Township, Hamilton County, Indiana, more particularly described as follows

Commencing at the Southwest corner of the South Half of said Quarter Section; thence North 89 degrees 33 minutes 37 seconds East along the South line of said Half Quarter Section 630.82 feet; thence North 00 degrees 26 minutes 23 seconds West 48.48 feet to a point on the North line of State Highway 32 per Right of Way Grant for the State of Indiana [Project No. for State Road 32 under S-166 (2), dated 1954] as recorded in Book 142, Page 347, Instrument No. 5461 in said Recorder's Office, said point also being the POINT OF BEGINNING of this description; thence North 47 degrees 47 minutes 42 seconds East 415.52 feet; thence North 42 degrees 51 minutes 00 seconds West 103.42 feet to the point of curvature of a curve concave Southwesterly, the radius point of said curve being South 47 degrees 09 minutes 00 seconds West 123.00 feet from said point; thence Northwesterly along said curve 100.56 feet to the point of tangency of said curve, said point being North 00 degrees 18 minutes 31 seconds East 123.00 feet from the radius point of said curve; thence North 89 degrees 1 minutes 29 seconds West 486.74 feet; thence South 73 degrees 44 minutes 25 seconds West 112.07 feet; thence South 17 degrees 43 minutes 20 seconds West 28.85 feet to a point on the property owned by the State of Indiana as recorded in Instrument No. 2003-118061, dated: November 17, 2003 in the Office of the Recorder, Hamilton County, Indiana, said point also being a point on a curve concave Westerly, the radius point of said curve being South 76 degrees 45 minutes 31 seconds West 687.50 feet from said point; the following two (2) courses are along said property; (1) Northerly along said curve 65.01 feet to a point on said curve, said point being North 71 degrees 20 minutes 26 seconds East 687.50 feet from the radius point of said curve; (2) North 28 degrees 14 minutes 27 seconds West 52.75 feet; thence South 63 degrees 08 minutes 09 seconds East 33.22 feet; thence North 77 degrees 31 minutes 00 seconds East 88.58 feet; thence South 89 degrees 41 minutes 29 seconds East 530.10 feet to the point of curvature of a curve concave Southwesterly, the radius point of said curve being South 00 degrees 18 minutes 31 seconds West 177.00 feet from said point; thence Southeasterly along said curve 144.70 feet to the point of angency of said curve, said point being North 47 degrees 09 minutes 00 seconds East 177.00 feet from the radius point of said curve; thence South 42 degrees 31 minutes 02 seconds East 104.03 feet; thence North 47 degrees 47 minutes 42 seconds East 638.97 feet; thence North 85 degrees 13 minutes 10 seconds West 309.56 feet to a point on the Southeast corner of the 5.015 acre property owned by Christopher Gordon et ux as recorded in Instrument No. 2016-06035 dated: February 16, 2016 in said Recorder's Office; thence North 00 degrees 18 minutes 42 seconds East along the East line of said Christoper Gordon property 213.35 feet to the prolonged south line of The Villages at Pebble Brook, Section II, a subdivision in Hamilton County, Indiana, the plat of which is recorded as Instrument Number 9225792, Plat Cabinet 1, Slide 243, Dated: July 8, 1992 in said Recorder's Office; thence North 89 degrees 30 minutes 03 seconds East along said prolonged South line and the South line of said subdivision 1,076.15 feet; thence South 00 degrees 00 minutes 00 seconds East 92.25 feet; thence South 22 degrees 45 minutes 04 seconds West 65.06 feet; thence South 00 degrees 03 minutes 38 seconds East 140.00 feet; thence South 90 degrees 00 minutes 00 seconds West 119.91 feet; thence South 00 degrees 00 minutes 00 seconds East 52.89 feet to the point of curvature of a curve concave Northeasterly, the radius point of said curve being North 90 degrees 00 minutes 00 seconds East 20.00 feet from said point; thence Southeasterly along said curve 31.52 feet to the point of tangency of said curve, said point being South 00 degrees 18 minutes 04 seconds East 20.00 feet from the radius point of said curve; thence South 00 degrees 18 minutes 04 seconds East 54.00 feet; thence South 89 degrees 41 minutes 56 seconds West 35.76 feet; thence South 00 degrees 18 minutes 04 seconds East 120.00 feet; thence South 89 degrees 41 minutes 56 seconds West 180.00 feet; thence North 00 degrees 18 minutes 04 seconds West 40.00 feet; thence South 89 degrees 41 minutes 56 seconds West 120.00 feet; thence South 00 degrees 18 minutes 04 seconds East 40.00 feet; thence South 89 degrees 41 minutes 56 seconds West 174.00 feet; thence South 00 degrees 18 minutes 04 seconds East 178.19 feet; thence South 25 degrees 56 minutes 00 seconds East 114.09 feet; thence South 52 degrees 19 minutes 10 seconds East 115.80 feet; thence South 00 degrees 18 minutes 04 seconds East 81.18 feet to the North line of the property owned by State of Indiana as recorded in Inst. No. 2001-22741, dated: April 26, 2001 in said Recorder's Office; the following three (3) courses are along said State of Indiana parcel; (1) South 89 degrees 35 minutes 28 seconds West 317.26 feet; (2) South 00 degrees 24 minutes 32 seconds East 9.06 feet; (3) South 89 degrees 27 minutes 58 seconds West 782.01 feet to the place of beginning, containing 19.916

Also, a of part of the Southwest Quarter of Section 33, Township 19 North, Range 4 East, Noblesville Township, Hamilton County, Indiana, more particularly

Commencing at the Southwest corner of the South Half of said Quarter Section; thence North 89 degrees 33 minutes 37 seconds East along the South line of said Half Quarter Section 630.82 feet; thence North 00 degrees 26 minutes 23 seconds West 48.48 feet; thence North 47 degrees 47 minutes 42 seconds East 415.52 feet; thence North 42 degrees 51 minutes 00 seconds West 103.42 feet to the point of curvature of a curve concave Southwesterly, the radius point of said curve being South 47 degrees 09 minutes 00 seconds West 123.00 feet from said point, thence Northwesterly along said curve 100.56 feet to the point of tangency of said curve, said point being North 00 degrees 18 minutes 31 seconds East 123.00 feet from the radius point of said curve; thence North 89 degrees 41 minutes 29 seconds West 486.74 feet; thence South 73 degrees 44 minutes 25 seconds West 112.07 feet; thence South 17 degrees 43 minutes 20 seconds West 28.85 feet to a point on the property owned by the State of Indiana as recorded in Instrument No. 2003-118061, dated: November 17, 2003 in the Office of the Recorder, Hamilton County, Indiana; to a point on a curve concave Westerly, the radius point of said curve being South 76 degrees 45 minutes 31 seconds West 687.50 feet from said point; the following seven (7) courses are along the Easterly lines of said State of Indiana land; (1) Northerly along said curve 65.01 feet to a point on said curve, said point being North 71 degrees 20 minutes 26 seconds East 687.50 feet from the radius point of said curve; (2) North 28 degrees 14 minutes 27 seconds West 91,77 feet to the POINT OF BEGINNING of this description; (3) continuing North 28 degrees 14 minutes 27 seconds West 90.28 feet to a point on a curve concave Easterly, the radius point of said curve being North 71 degrees 05 minutes 38 seconds East 574.15 feet from said point; (4) Northerly along said curve 194.43 feet to a point on said curve, said point being North 89 degrees 30 minutes 14 seconds West 574.15 feet from the radius point of said curve; (5) North 00 degrees 40 minutes 23 seconds West 160.76 feet; (6) North 22 degrees 37 minutes 15 seconds West 42.81 feet; (7) North 89 degrees 41 minutes 18 seconds West 16.50 feet to the West line of the 5.012 acre property owned by Thelma Curts as recorded in instrument No. 2009-55640, dated: September 17, 2009 in said Recorder's Office and the West line of the South Half of the aforesaid Quarter Section; thence North 00 degrees 18 minutes 42 seconds East along said the West line of said Themla Curts property 277.12 feet to the Northwest corner of said Themla Curts property; thence North 89 degrees 35 minutes 27 seconds East along the North line of said Themla Curts property 53.35 feet; thence South 00 degrees 18 minutes 42 seconds West parallel with the West line corner of said Themla Curts property 467.54 feet to the point of curvature of a curve concave Easterly, the radius point of said curve being South 89 degrees 41 minutes 18 seconds East 650,00 feet from said point; thence Southerly along said curve 204.46 feet to the point of tangency of said curve, said point being South 72 degrees 17 minutes 19 seconds West 650,00 feet from the radius point of said curve; thence South 17 degrees 42 minutes 41 seconds East 83.54 feet to the place of beginning, containing 0.530 acres, more or less.

REGULARITY S	igns
TYPE	NUMBER
STOP SIGN	3
STREET NAME SIGN	3
SPEED LIMIT SIGN	2
TOTAL	8
TYPE	LENGTH
TYPE Roll Curb	
	5,477 L.F.
SIDEWALK INVEN	TORY
······································	
SIZE	LENGTH
SIZE 5' CONCRETE	LENGTH 3,432 L.F.

LIMIT SIGN	2	TYPE "C"	4' - 6'	7
TOTAL	8	TYPE "C"	6' - 8'	4
		TYPE "C"	8' - 10'	3
CUF	₹B	TYPE "C"	10' - 12'	1
TYPE	LENGTH	TYPE "H"	6' - 8'	4
oli Curb	5,477 L.F.	ТҮРЕ "Н"	8' - 10'	1
		ТҮРЕ "Н"	10' -12'	3
SIDEWALK II	NVENTORY	TYPE "H"	12' - 14'	1
SIZE	LENGTH	TYPE "H"	14' - 16'	2
ONCRETE	3,432 L.F.	TYPE "K"	8' -10'	I
		END SECTION		3
		OUTLET CTRL. STR.		3
			TOTAL	37

42 LOTS 20.446 AC. = 2.05 LOTS/ACRE

DESIGN DATA

DESIGN SPEED LIMIT:

Duke Energy Indiana

Ph: (317) 776-5365

100 South Mill Creek Road

Noblesville, Indiana 46062

Attn: Jessica Herrington

SUB-SURACE DRAIN DEPTH LENGTH 6" HDPE Type SSD 2,378 L.F. 2' - 4' TOTAL 2,378 L.F.

STORM SEWER STRUCTURE

DEPTH

2' - 4'

4' - 6'

NUMBER

1

3

INLET

TYPE "A"

TYPE "A"

UTILITY CONTACTS Sanitary Sewer City of Noblesville Storm Sewer: City of Noblesville Telephone: AT&T - Engineering 240 N. Meridian St., Wastewater Department

Cable: Comcast Cable 5330 East 65th Street Indianapolis, Indiana 46220 Ph: (317) 275-6493 Attn: Matthew Stringer Attn: Steve

6400 C Street SW P.O. Box 3177 Cedar Rapids, IA 52406 Ph: (317) 697-2863

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

25 M.P.H

Department of Engineering 197 West Washington Street 16 South 10th Street, Suite 155 Noblesville, Indiana 46060 Noblesville, Indiana 46060 Ph: (317) 776-6353 Ph: (317) 776-6330

> Water: Citizens Energy Group City of Noblesville Department of Engineering 2150 Dr. Martin Luther King Drive 16 South 10th Street, Suite 155 Indianapolis, Indiana 46202 Noblesville, Indiana 46060 Contact: Mitch House Ph: (317) 776-6330 Ph: (317) 917-5294

2nd Floor, Rm. 280

Ph: (317) 252-4267

Attn: Brian Peters

Indianapolis, Indiana 46204

15" RCP 8' - 10' 128 L.F. 18" RCP Type 4' - 6' 290 L.F. 18" | RCP 6' - 8' 125 L.F. 18" RCP Type 8' - 10' 298 L.F. 18" | RCP 10' - 12' 136 L.F. 21" RCP Type 4' - 6' 301 L.F. 24" RCP 2' - 4' 31 L.F. 24" RCP Type 6' - 8' 193 L.F. 36" | RCP Type 4' - 6' 87 L.F. 36" STEEL 6' -- 8' 131 L.F. 36" RCP Type 8' - 10' 241 L.F. 36" RCP Type 3 10' - 12' 653 L.F. 36" RCP Type 12' - 14' 389 L.F. 36" RCP Type 3 14' - 16' 405 L.F. 42" RCP Type 3 10' - 12' 77 L.F. TOTAL 4,419 L.F.

STORM SEWER PIPE

DEPTH

2' - 4'

4' - 6'

4' - 6'

6' - 8'

LENGTH

39 L.F.

306 L.F.

134 L.F.

455 L.F.

PIPE

Type

Type

12" RCP

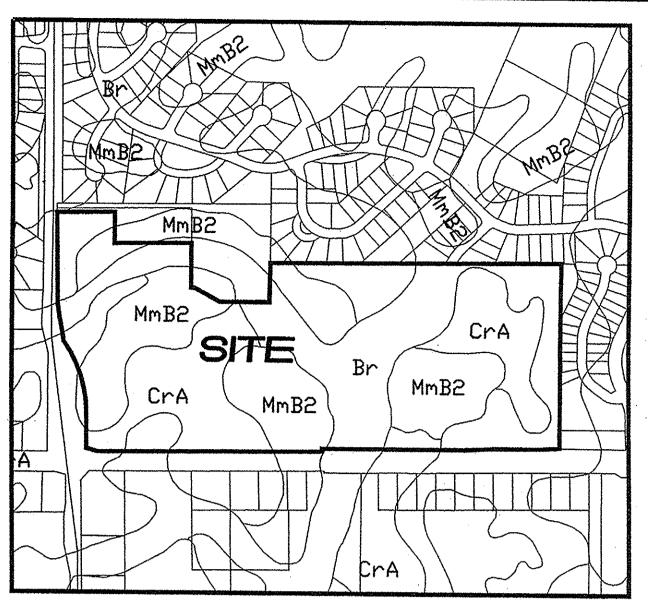
15" RCP

15" RCP

12" RCP Type

SANITARY SEWER STRUCTURE MANHOLE DEPTH NUMBER TYPE "A" 6' - 8' TYPE "A" 8' - 10' 4 TYPE "A" 10' - 12' TYPE "A" 12' - 14' 1 TOTAL

SANITARY SEWER PIPE PIPE DEPTH LENGTH 8" PVC | SDR | 35 6' - 8' 539 L.F. 8" PVC | SDR | 35 8' - 10' 516 L.F. 8" PVC | SDR | 35 10' - 12' 640 L.F. 8" PVC | SDR | 26 12' - 14' 117 L.F. 1,812 L.F. TOTAL



SOILS MAP SCALE: 1"=500'

Br--This poorly drained soil has a seasonal high watertable 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

CrA--This is a somewhat poorly drained soil and has a seasonal high watertable 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.

MmB2--This moderately well drained soil has a seasonal high watertable at 2.0 to 3.5 ft. and is on sideslopes and rises on uplands. Slopes are 2 to 6 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low organic matter content (1.0 to 2.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is low (5.9 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and water erosion are management concerns for crop production.

> 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/OR OMISSION IS FOUND, THE DESIGN PROFESSIONAL ACCEPTS FULL RESPONSIBILITY AND SHALL DETERMINE A SOLUTION THAT COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF SUCH AN ERROR OR OMISSION IS FOUND. THE DEVELOPER IS NOT RELIEVED TO COMPLY WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES.

	STREET INVENTORY (by segments)	
STREET	SEGMENT	CL LENGTH
CASTAMERE DRIVE	0+00.00 - 21+92.46	2,192.46 L.F.
ARRYNE LOOP	0+00.00 - 1+47.00	147.00 L.F.
BENTGRASS DRIVE	0+00.00 - 3+99.13	399.13 L.F.
	TOTAL	2,738.59 L.F.

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@stoeppelwerth.com

PLANS CERTIFIED BY:

NO. 19358





