



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

November 2, 2012

TO: Hamilton County Drainage Board

RE: Village of West Clay Drain, Section 10010C 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 Section 10010-C Arm, Village of West Clay 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	1,295 ft.	21" RCP 149 ft.	
15" RCP	361 ft.	24" RCP 178 ft.	
18" RCP	982 ft.	6" SSD 1.808 ft.	

This proposal will add an additional 4,773 feet to the drains total length.

The retention pond (Lake #1) which will be located in future common area #3 and retention pond (Lake #2) which will be located in future common area #4 are not to be considered part of the regulated drain for maintenance purposes. Only the inlets and outlets will be maintained as part of the regulated drain. The maintenance of the ponds (Lake #1 & #2) shall be the responsibility of the Homeowners Association as per the subdivision covenants on pages 11 and 12, sections 4 and 5, as recorded in the Office of the Hamilton County Recorder as instrument number 199909946964. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained, thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) under curbs are not to be part of the regulated drain. This is per the agreement between Brenwick Development and the Hamilton County Commissioners on April 26, 1999. (See Commissioner's Minute Book 93, Pages 565-566). Only the main SSD lines which are located within the easements 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 are as follows:

From Str. 410 to Str. 415 in the rear yards of lots 16, 17, 18, 19, and 20.

From Str. 415 to Str. 424 in the rear yards of lots 21, 22, 23, and 24.

From Str. 424 running north in the rear yards of lots 25 and 26.

From Str. 416A running west in the rear yards of lots 1, 2, and 3.

From Lake #1 running south then turning east in the rear yards of lots 4, 5, and 6.

From Str. 406 running south-east in in the rear yard of lot 15.

From Str. 406 to Str. 412 in the rear yards of lots 12, 13, and 14.

From Str. 412 to Str. 420 in the rear yards of lots 7, 8, 9, 10, 11, and Common Area #1.

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 \$5.00 per acre, \$5.00 per acre for roadways, with a \$120.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$3,275.40.

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: Liberty Mutual Insurance Company

Date: September 19, 2012

Number: 268002855 For: Storm Sewers Amount: \$198,977.00

Parcels assessed for this drain will also be assessed for the J.W. Brendle Drain.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Village of West Clay Section 10010-C as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for December 10, 2012.

Kenton C. Ward, CFM

Hamilton County Surveyor

Kut C. Wan

KCW/pll

#### Village of West Clay 10010-C GASB 34 Calculation

Village of West Clay Drain-VOWC 10010C: 4773 ft JW Brendle Drain-Relocation: 324 ft

Total Footage = 5097 Engineer's Estimate = \$148,564.50

JW Brendle Drain-Relocation: .06 (\$148,564.50) = \$8,913.87 Village of West Clay Drain- VOWC 10010C: .94 (\$148,564.50) = \$139,650.63

Note: Bonds were posted at 120% of the engineers estimate. This dollar amount is based upon the engineer's estimate.

(Revised 06/08/04)

STATE OF INDIANA )
COUNTY OF HAMILTON )

FILED

TO: HAMILTON COUNTY DRAINAGE BOARD

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

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of \_\_\_\_\_ The Village of West Clay Subdivision, Section 10010-C 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 Village of West Clay, Section 10010-C, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

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

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

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

The Petitioner also agrees to the following:

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

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

#### RECORDED OWNER(S) OF LAND INVOLVED

-e///	
Signed	Signed
Printed Name  D. Lottmeyer	Drieta d Name
11/8/12	Printed Name
Date	Date
Signed	Signed
Printed Name	Printed Name
Date	Date



### STOEPPELWERTH & ASSOCIATES, INC.

#### CONSULTING ENGINEERS • LAND SURVEYORS

FILED

SEP 2 7 2012

September 21, 2012

OFFICE OF HAMILTON COUNTY SURVEYOR

David J. Stoeppelwerth President, CEO Professional Engineer Professional Land Surveyor

Curtis C. Huff Vice President, COO Professional Land Surveyor

R.M. Stoeppelwerth Founder Professional Engineer Professional Land Surveyor Hamilton County Surveyor's Office One Hamilton County Square, Suite 188 Noblesville, Indiana 46060

Attention: Greg Hoyes

Re: Village of WestClay, Section 10010 -C

Dear Mr. Hoyes:

Please accept the following Engineer's Estimate on behalf of Pulte Homes, LLC for Village of WestClay, Section 10010-C. The estimate is as follows:

#### Village of WestClay, Section 10010-C Performance Bond Cost Estimate

						120%	
Description	Quantity	<u>Unit</u>	Unit Price	-	Contract Amount	<u>P</u>	erformance Bond
Monumentation				\$	6,000.00	\$	7,200.00
Lot Corners	26.00	Lots	\$ 100.00	\$	2,600.00		
Centerline	20.00	Each	\$ 170.00	\$	3,400.00		
Storm Sewer				\$1	48,564.50	\$	178,277.40
12" Pipe	1,246.00	LF	\$ 19.00	\$	23,674.00		
15" Pipe	390.00	LF	\$ 21.00	\$	8,190.00		
18" Pipe	972.00	LF	\$ 23.00	\$	22,356.00		
21" Pipe	149.00	LF	\$ 28.00	\$	4,172.00		
24" Pipe	158.00	LF	\$ 30.00	\$	4,740.00		
27" Pipe	95.00	LF	\$ 32.00	\$	3,040.00		
15" ES and TR Grate	1.00	Each	\$ 875.00	\$	875.00		
18" ES and TR Grate	1.00	Each	\$1,000.00	\$	1,000.00		
24" ES and TR Grate	1.00	Each	\$1,350.00	\$	1,350.00		

7965 East 106th Street Fishers, Indiana 46038-2505

317.849.5935 Fax: 317.849.5942 www.Stoeppelwerth.com Hamilton County Surveyor September 21, 2012 Page 2 of 2

27" ES and TR Grate	1.00	Each	\$2,200.00	\$ 2,200.00
Standard MH	5.00	Each	\$1,400.00	\$ 7,000.00
Inlet	20.00	Each	\$1,270.00	\$ 25,400.00
Granular Backfill	513.00	Ton	\$ 9.50	\$ 4,873.50
SSD Under Curb	3,575.00	LF	\$ 7.00	\$ 25,025.00
SSD in Swale	1,767.00	LF	\$ 7.00	\$ 12,369.00
SSD Laterals	23.00	Each	\$ 100.00	\$ 2,300.00

If you have any questions regarding these estimates, please contact Brett A. Huff at (317) 570-4841.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.

No.
19358
STATE OF AVDIANA
MILITARIAN STORAGE STATE OF AVDIANA
MILITARIAN STATE OF AVDIANA
MILITARIAN STORAGE STATE OF AVDIANA
MILITARIAN STATE OF AVDIANA
MILITARIAN STORAGE STATE OF AVDIANA
MILITARIAN STATE OF AVDIANA
MIL David J. Stoeppelwerth, P.E.

Professional Engineer No. 19358

Cc: Matthew Lohmeyer

HCDB-2012-00037



#### 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 Liberty Mutual Insurance Company a corporation organized and existing under the laws of the State of Massachusetts and authorized to transact business in the State of Indiana, as Surety, are held and firmly bound unto Hamilton County Commissioners of One Hamilton County Square, Noblesville, IN 46060 as Obligee, in the penal sum of one hundred ninety eight thousand nine hundred seventy seven and 00/100 (\$198,977.00) 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>storm sewer improvements in West Village at West Clay, Sec. 10010C subdivision.</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 19th day of September, 2012

Pulte Homes of Indiana, LLC

Principal

Bruce E. Robinson, VP & Treasurer

Liberty Mutual Insurance Company

Surety

Robert Porter, Attorney-in-Fact

MICHAEL J. SCHWENINGER, BRIEN O'MEARA, ALL OF THE CITY OF BLOOMFIELD, STATE OF MICHIGAN ....

Not valid

September,

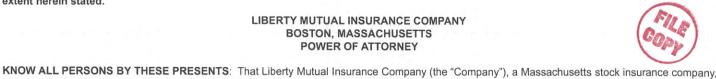
This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to extent herein stated.

#### LIBERTY MUTUAL INSURANCE COMPANY BOSTON, MASSACHUSETTS POWER OF ATTORNEY

BRUCE E. ROBINSON, DORY MALOUF, COLETTE R. ZUKOFF, SUZANNE TREPPA, ROBERT PORTER, JAN M. KLYM, NICOLE M. OCHOLIK, DAVID J. FURSTENBERG.

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

pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint STEVEN M. COOK,



behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations in the penal sum not exceeding execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons. That this power is made and executed pursuant to and by authority of the following By-law and Authorization: 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 for mortgage, note, loan, letter of credit, bank deposit, 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 attorneysin-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 currency rate, interest rate or residual value guarantees. signed by the president and attested by the secretary. By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact: Pursuant to Article XIII, Section 5 of the By-Laws, David M. Carey, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to 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. That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect. IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty LIBERTY MUTUAL INSURANCE COMPANY David M. Carey, Assistant Secretary COMMONWEALTH OF PENNSYLVANIA COUNTY OF MONTGOMERY January 2012 , before me, a Notary Public, personally came David M. Carey, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said IN TESTIMONY WHEREOF I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written. CERTIFICATE I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company. This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980, VOTED that the 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.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, in 45050 ary



#### **ACKNOWLEDGEMENT BY SURETY**

STATE OF MICHIGAN )

)ss.

COUNTY OF OAKLAND)

On this 19th Day of September, 2012, before me, a Notary Public in and for said State, personally appeared Robert Porter who acknowledges himself to be Attorney-in-Fact for Liberty Mutual Insurance Company, the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument on behalf of the said corporation executed the same.

WITNESS my hand and official seal.

Shirley E. Hutchins, Notary Public

Wayne County, Michigan

Acting in Oakland County, Michigan

My Commission Expires: March 30, 2017

SHIRLEY E. HUTCHINS
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
STATE OF MAY 30, 2017

MY COMMISSION EXPIRES Mar 30, 2017
ACTING IN COUNTY OF Pulland



#### **ACKNOWLEDGEMENT BY PRINCIPAL**

STATE OF MICHIGAN )

)ss.

COUNTY OF OAKLAND)

On this 19<sup>th</sup> of September, 2012, before me, the undersigned authorized employee, personally appeared Bruce E. Robinson who acknowledges himself to be VP & Treasurer of Pulte Homes of Indiana, LLC, and as such employee, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Corporation by himself as such officer.

SHIRLEY E. HUTCHINS
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Mar 30, 2017

ACTING IN COUNTY OF Od Alpha

WITNESS my hand and official seal.

Shirley E. Hutchins, Notary Public

Wayne County, Michigan

Acting in Oakland County, Michigan

My Commission Expires: March 30, 2017

HCDB-2012- 00036



#### 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 Liberty Mutual Insurance Company a corporation organized and existing under the laws of the State of Massachusetts and authorized to transact business in the State of Indiana, as Surety, are held and firmly bound unto Hamilton County Commissioners of One Hamilton County Square, Noblesville, IN 46060 as Obligee, in the penal sum of seven thousand two hundred and 00/100 (\$7,200.00) 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 West Village at West Clay</u>, Sec. 10010C subdivision.

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 19th day of September, 2012

Pulte Homes of Indiana, LLC

Principal

Bruce E. Robinson, VP & Treasurer

Liberty Mutual Insurance Company

Surety

Robert Porter, Attorney-in-Fact

#### 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 extent herein stated.

#### LIBERTY MUTUAL INSURANCE COMPANY BOSTON, MASSACHUSETTS POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company,

	pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint STEVEN M. COOK, BRUCE E. ROBINSON, DORY MALOUF, COLETTE R. ZUKOFF, SUZANNE TREPPA, ROBERT PORTER, JAN M. KLYM, NICOLE M. OCHOLIK, DAVID J. FURSTENBERG MICHAEL J. SCHWENINGER, BRIEN O'MEARA, ALL OF THE CITY OF BLOOMFIELD, STATE OF MICHIGAN
	, 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 the penal sum not exceeding TWO MILLION, FIVE HUNDRED THOUSAND AND 00/100*********************************
	execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.
	That this power is made and executed pursuant to and by authority of the following By-law and Authorization:
note, Ioan, letter of credit, bank deposit, ate or residual value guarantees.	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.
t, ba rant	By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:
er ot credit, bank ov Value guarantees	Pursuant to Article XIII, Section 5 of the By-Laws, David M. Carey, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to 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.
ter	That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.
loan, lett residual	IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty  Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this day of
	LIBERTY MUTUAL INSURANCE COMPANY  By Land Many
interest	COMMONWEALTH OF PENNSYLVANIA ss COUNTY OF MONTGOMERY
ror r	On this 4th day of January, 2012, before me, a Notary Public, personally came David M. Carey, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.
Not valid currency	IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.    Temper Secretary Public   By Living Particular   By Living Parti
	I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.
	This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.
	VOTED that the 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.
	IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this $\underline{19th}$ day of September , 2012 .
	8. 7.10-
	This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060



#### **ACKNOWLEDGEMENT BY SURETY**

STATE OF MICHIGAN )

)ss.

COUNTY OF OAKLAND)

On this 19th Day of September, 2012, before me, a Notary Public in and for said State, personally appeared Robert Porter who acknowledges himself to be Attorney-in-Fact for Liberty Mutual Insurance Company, the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument on behalf of the said corporation executed the same.

WITNESS my hand and official seal.

Shirley E. Hutchins, Notary Public

Wayne County, Michigan

Acting in Oakland County, Michigan

My Commission Expires: March 30, 2017

SHIRLEY E. HUTCHINS NOTARY PUBLIC, STATE OF MI COUNTY OF WAYNE MY COMMISSION EXPIRES MAY 30, 2017

ACTING IN COUNTY OF Jackson



#### ACKNOWLEDGEMENT BY PRINCIPAL

STATE OF MICHIGAN )

)ss.

COUNTY OF OAKLAND)

On this 19<sup>th</sup> of September, 2012, before me, the undersigned authorized employee, personally appeared Bruce E. Robinson who acknowledges himself to be VP & Treasurer of Pulte Homes of Indiana, LLC, and as such employee, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Corporation by himself as such officer.

WITNESS my hand and official seal.

Shirley E. Hutchins, Notary Public

Wayne County, Michigan

Acting in Oakland County, Michigan

My Commission Expires: March 30, 2017

SHIRLEY E. HUTCHINS NOTARY PUBLIC, STATE OF MI COUNTY OF WAYNE MY COMMISSION EXPIRES Mar 30, 2017

ACTING IN COUNTY OF Parland

#### FINDINGS AND ORDER

#### CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain, Section 10010-C Arm

On this 10<sup>th</sup> day of December, 2012, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Village of West Clay Drain, Section 10010-C Arm.

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

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

Attest: Synette Maskaud

# BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

#### Village of West Clay Drain, Section 10010-C Arm

NOTICE

То	Whom	It	Мау	Concern	and:	

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the Village of West Clay Drain, Section 10010-C Arm on December 10, 2012 at 12:05 P.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

#### Village of West Clay Drain, Section 10010-C Arm

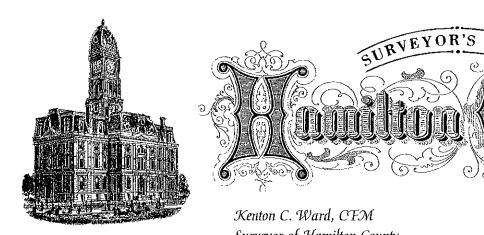
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **December 10**, **2012** 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 (3x7) 776-8495 Fax (3x7) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

August 20, 2013

Re: Village of West Clay Drain-Village of West Clay Section 10010C

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 10010C. 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 November 2, 2012. The report was approved by the Board at the hearing held December 10, 2012. (See Drainage Board Minutes Book 14, Pages 436-438) The changes are as follows:

The 12" RCP was shortened from 1295 feet to 1285 feet. The 15" RCP was shortened from 361 feet to 356 feet. The 18" RCP was lengthened from 982 feet to 984 feet. The 21" RCP was shortened from 149 feet to 146 feet. The 24" RCP was lengthened from 178 feet to 181 feet. The 6" SSD was shortened from 1808 to 1598 feet.

The length of the drain due to the changes described above is now 4550 feet.

It should be noted that Structures 402, 417, and 426 are Hydrodynamic Separators. They are made by Vort Sentry modes H572, H548 & H548 respectively.

The non-enforcement was approved by the Board at its meeting on December 10, 2012 and recorded under instrument #2013004080.

The following sureties were guaranteed by Liberty Mutual and released by the Board on its September 9, 2013 meeting.

**Bond-LC No:** 268002855 **Insured For:** Storm Sewers

**Amount:** \$198,977

Issue Date: September 19, 2012

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

Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm

FILED JAN 15 2013

#### CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Village of WestClay, Section 10010-C

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: <u>January 15, 2013</u>
Type or Print Name: Dennis D. Olmstead	
Business Address: Stoeppelwerth & Associates, In	IC.
7965 East 106th Street, Fishers,	Indiana 46038
Telephone Number: (317) 849-5935	
SEAL	INDIANA REGISTRATION NUMBER
D. OL MORITATION D. OL MORITATION NO. 900012  STATE OF WOIANA ORIGINAL SURVEY OF THE PROPERTY	900012

NOT TO SCALE

FEMA MAP

NOT TO SCALE

INDEX

EROSION CONTROL PLAN/SWPP DETAILS AND SPECIFICATIONS

STREET PLAN AND PROFILES/INTERSECTION DETAILS/TRAFFIC

TOPOGRAPHICAL SURVEY/TREE CONSERVATION PLAN

MAINTENANCE/PAVING POLICIES

REVISIONS

**DESCRIPTIONS** 

AS-BUILTS 1/11/13 KJJM

SANITARY SEWER PLAN AND PROFILES

STORM SEWER PLAN AND PROFILES/SUMP PLAN

CONSTRUCTION DETAILS AND SPECIFICATIONS

REVISED PER TAC COMMENTS 8/29/12 DCM

EXISTING TREE CONSERVATION PLAN/LANDSCAPE PLAN

REVISED PER CTRWD AND CITY OF CARMEL COMMENTS 9/14/12 DCM

TITLE SHEET

WATER PLAN

SANITARY SEWER

STORM SEWER

ADA RAMP

C001

C100-C102

C300-C305

C400-C406

C500-C502

C800-C805

SHT.

ALL

DESCRIPTION

SITE DEVELOPMENT PLAN/EMERGENCY FLOOD ROUTE PLAN/UTILITY PLAN

# VILLAGE OF WEST CLAY, SECTION 10010-C

Developed by: PULTE HOMES OF INDIANA, LLC. 11590 NORTH MERIDIAN STREET, **SUITE 530** CARMEL, INDIANA 46032 PHONE: (317) 575-2350

**CONTACT PERSON: MATT LOHMEYER** 

FLOOD INSURANCE RATE MAP

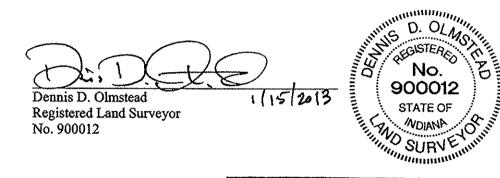
COMMENTAL COMMENT OFF OF HAMMAND COUNTY HIGHTMAND TOWNS OF

HARRES EAST, EAST, SERIES #

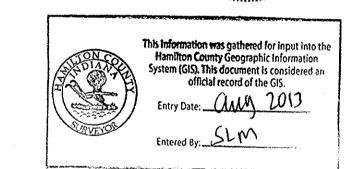
and the Color Was SAMP SCENARIO Street and the Color of C

WENDY M. FORTUNE 13025 EAST 300 SOUTH ZIONSVILLE, INDIANA 46077 PHONE: (317) 506-5422 EMAIL: tneal@kdlegal.com

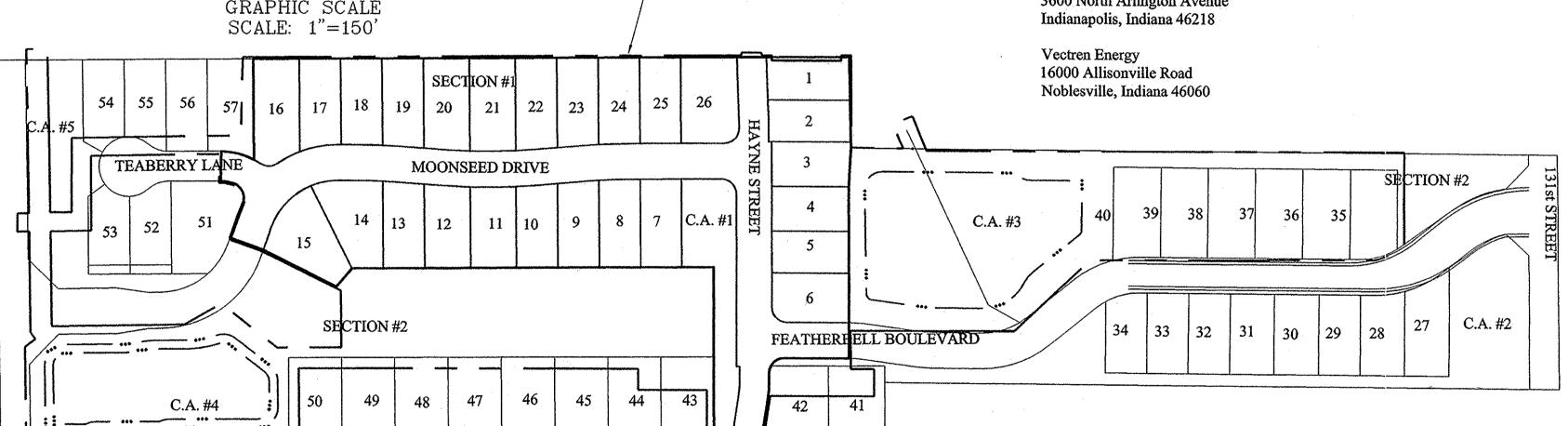
# RECORD DRAWING



**OPERATOR ON N.O.I. LETTER:** PULTE HOMES OF INDIANA, LLC. 11590 NORTH MERIDIAN STREET, SUITE 530 CARMEL, INDIANA 46032 PHONE: (317) 575-2350 **CONTACT PERSON: MATT LOHMEYER** 



- CONSTRUCTION LIMITS



Clay Township Regional Waste District 10701 College Avenue Indianapolis, Indiana 46280

Carmel Water Utilities 3450 West 131st Street Westfield, IN 46074

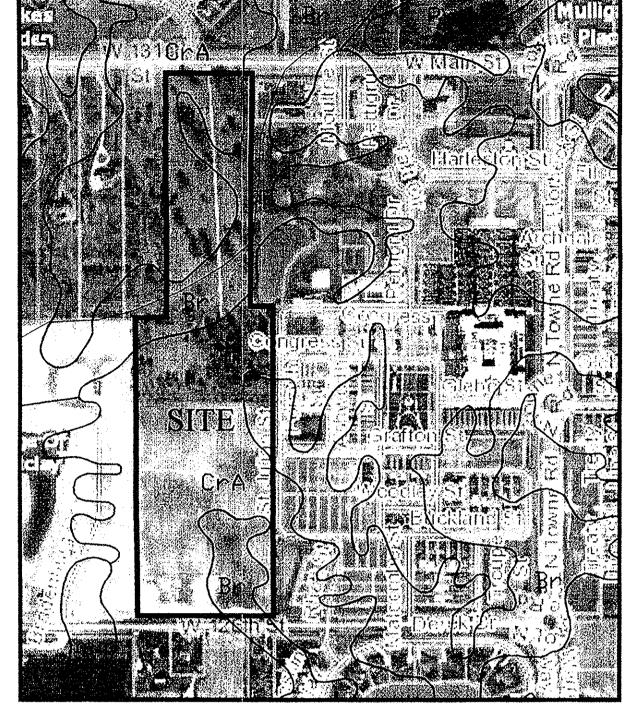
**UTILITY CONTACTS:** 

5858 North College Avenue Indianapolis, Indiana 46220

**Brighthouse Networks** 3030 Roosevelt Avenue Indianapolis, Indiana 46218

Duke Energy 16475 Southpark Drive Westfield, Indiana 46074

Indianapolis Power & Light Company 3600 North Arlington Avenue



SOILS MAP NOT TO SCALE

Map Unit: Bs - Brookston silt clay loam, 0 to 2 percent slopes

Brookston silty clay loam (0 to 2 percent slopes) (Bs).--Some of this soil is in large tracts within which are irregularly shaped islandlike areas of lighter colored soils, and some of it is in drainageways and small depressions surrounded by lighter colored soils. This soil has the profile described as representative of the series.

The content of organic matter is high in this soil. Wetness is the main limitation that affects use and management.

If this Brookston soil is adequately drained, it is suited to all crops commonly grown in the county. Under proper management it can be used intensively for row crops. Its limitations for uses associated with residential development are severe. Capability unit II w-1: tree and shrub suitability group 1.

Map Unit: CrA - Crosby silt loam, 0 to 2 percent slopes

CrA--Crosby silt loam, 0 to 2 percent slopes 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 rganic 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

DESIGN DATA

DESIGN SPEED = 25 M.P.H.

HAYNE STREET	684.39 L.F.
MOONSEED DRIVE	948.28 L.F.
TEABERRY LANE	80.34 L.F.
FEATHERBELL BOULEVARD	160.00 L.F.
TOTAL	1,873.01 L.F.

OPERATING AUTHORITY CITY OF CARMEL (317) 571-2441 ONE CIVIC SQUARE

CARMEL, INDIANA 46032

FLOOD STATEMENT NO PORTION OF THIS SITE LIES WITHIN FLOODPLAIN PER FIRM 18057C0205F DATED FEB. 19, 2003

## SECTION 1

Part of the Southeast Quarter of Section 29, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, described as follows:

Commencing at the Southeast Quarter of said Quarter Section; thence North 89 degrees 14 minutes 56 seconds East along the South line of said Quarter Section a distance of 1,978.65 feet; thence North 00 degrees 22 minutes 21 seconds West 434.13 feet to the POINT OF BEGINNING of this description; thence continuing North 00 degrees 22 minutes 21 seconds West 1,007.55 feet; thence North 88 degrees 53 minutes 43 seconds East 153.46 feet; thence South 86 degrees 42 minutes 36 seconds East 64.56 feet: thence North 89 degrees 47 minutes 20 seconds East 282.50 feet; thence South 00 degrees 12 minutes 40 seconds East 110.00 feet to the point of curvature of a curve concave northeasterly, the radius point of said curve being North 89 degrees 47 minutes 20 seconds East 25.00 feet from said point; thence southeasterly along said curve 39.27 feet to the point of tangency of said curve, said point being South 00 degrees 12 minutes 40 seconds East 25.00 feet from the radius point of said curve; thence North 89 degrees 47 minutes 20 seconds East 20.58 feet to the point of curvature of a curve concave southerly, the radius point of said curve being South 00 degrees 12 minutes 40 seconds East 175.00 feet from said point; thence easterly along said curve 27.54 feet to the point of tangency of said curve, said point being North 08 degrees 48 minutes 15 seconds East 175.00 feet from the radius point of said curve; thence South 81 degrees 11 minutes 45 seconds East 62.45 feet to the point of curvature of a curve concave northerly, the radius point of said curve being North 08 degrees 48 minutes 15 seconds East 125.00 feet from said point; thence easterly along said curve 18.65 feet to the point of tangency of said curve, said point being South 00 degrees 15 minutes 19 seconds West 125.00 feet from the radius point of said curve; thence South 00 degrees 12 minutes 40 seconds East 80.00 feet; thence South 89 degrees 47 minutes 20 seconds West 300.51 feet; thence South 00 degrees 22 minutes 21 seconds East 612.49 feet; thence South 49 degrees 26 minutes 53 seconds East 40.00 feet; thence South 26 degrees 14 minutes 07 seconds West 143.27 feet; thence South 12 degrees 43 minutes 06 seconds West 50.00 feet; thence North 77 degrees 16 minutes 54 seconds West 71.98 feet to the point of curvature of a curve concave southeasterly, the radius point of said curve being South 12 degrees 43 minutes 06 seconds West 25.00 feet from said point; thence southwesterly along said curve 39.00 feet to the point of tangency of said curve, said point being North 76 degrees 39 minutes 19 seconds West 25.00 feet from the radius point of said curve, said point also being the point of curvature of a curve concave easterly, the radius point of said curve being South 76 degrees 39 minutes 19 seconds East 75.00 feet from said point; thence southerly along said curve 15.52 feet to the point of tangency of said curve, said point being North 88 degrees 30 minutes 49 seconds West 75.00 feet from the radius point of said curve; thence North 88 degrees 30 minutes 49 seconds West 50.00 feet to a point on a curve concave easterly, the radius point of said curve being South 88 degrees 30 minutes 49 seconds East 125.00 feet from said point; thence northerly along said curve 57.25 feet to the point of tangency of said curve, said point being North 62 degrees 16 minutes 18 seconds West 125.00 feet from the radius point of said curve; thence South 89 degrees 37 minutes 39 seconds West 169.73 feet to the place of beginning, containing 9.366 acres, more or less, subject to all legal highways, rights-of-way, easements, and restrictions of record.



Know what's below.

Call before you dig.

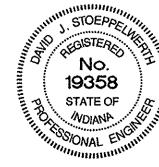


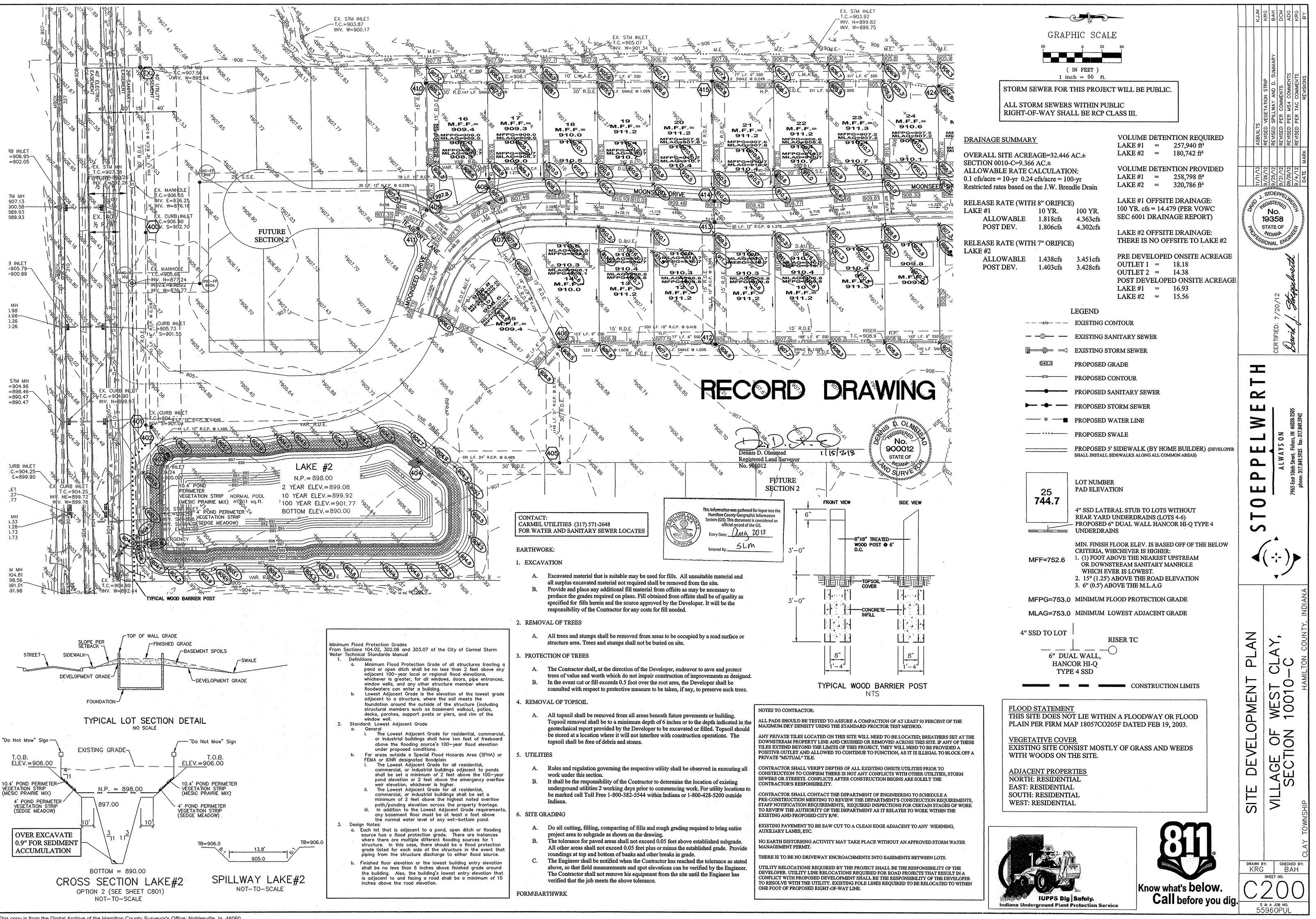
PLANS PREPARED BY: STOEPPELWERTH & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 7965 E. 106TH STREET, FISHERS, INDIANA 46038 PHONE: (317)-849-5935 FAX: (317)-849-5942 CONTACT PERSON: BRETT A. HUFF EMAIL: BHUFF@STOEPPELWERTH.COM

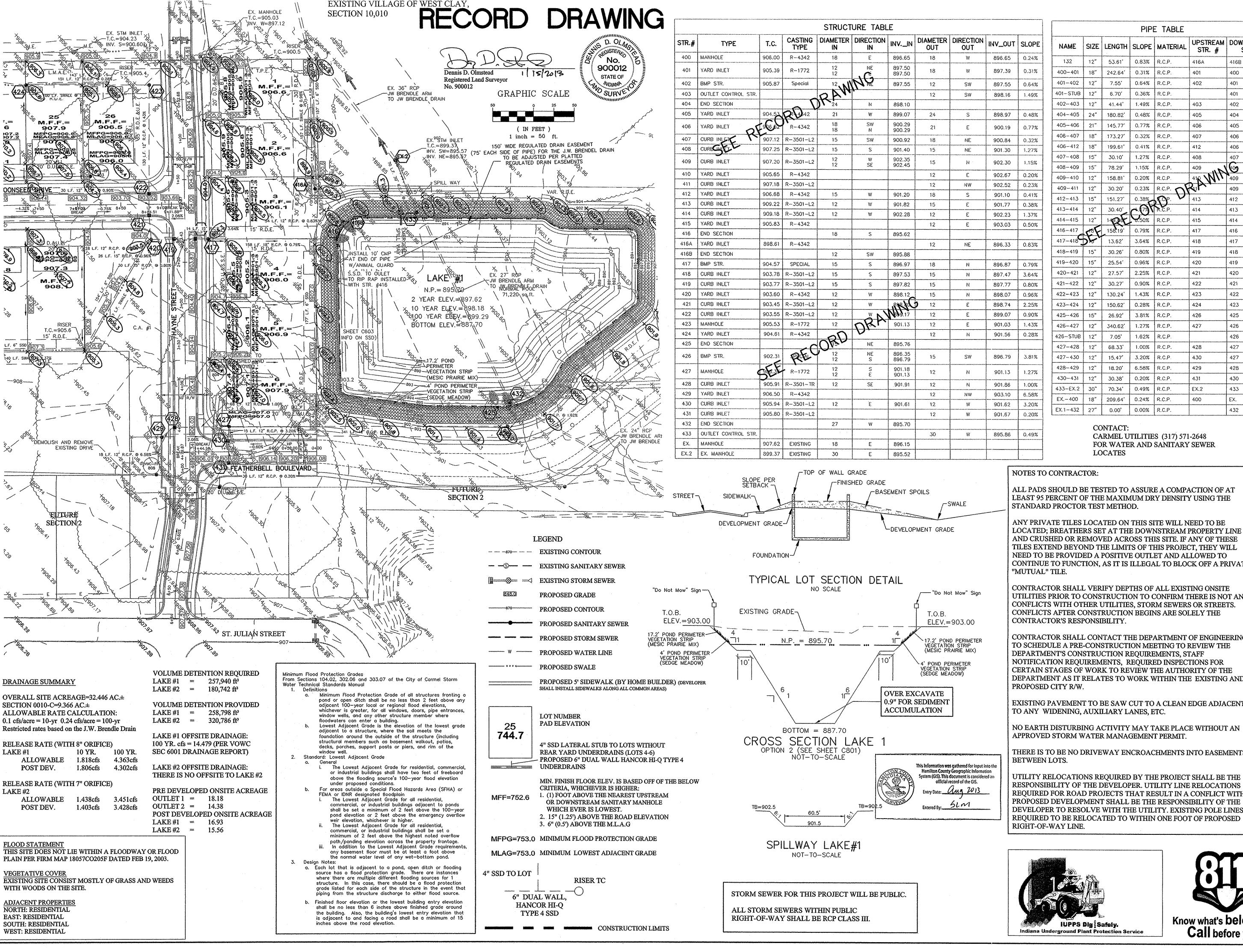
PLANS CERTIFIED BY:

PROFESSIONAL LAND SURVEYOR

NO. 19358









FOR WATER AND SANITARY SEWER

NOTES TO CONTRACTOR:

ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

ANY PRIVATE TILES LOCATED ON THIS SITE WILL NEED TO BE LOCATED; BREATHERS SET AT THE DOWNSTREAM PROPERTY LINE AND CRUSHED OR REMOVED ACROSS THIS SITE, IF ANY OF THESE TILES EXTEND BEYOND THE LIMITS OF THIS PROJECT, THEY WILL NEED TO BE PROVIDED A POSITIVE OUTLET AND ALLOWED TO CONTINUE TO FUNCTION, AS IT IS ILLEGAL TO BLOCK OFF A PRIVATE "MUTUAL" TILE.

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.

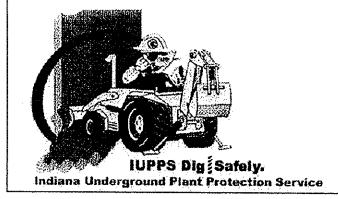
CONTRACTOR SHALL CONTACT THE DEPARTMENT OF ENGINEERING TO SCHEDULE A PRE-CONSTRUCTION MEETING TO REVIEW THE DEPARTMENT'S CONSTRUCTION REQUIREMENTS, STAFF NOTIFICATION REQUIREMENTS, REQUIRED INSPECTIONS FOR CERTAIN STAGES OF WORK TO REVIEW THE AUTHORITY OF THE DEPARTMENT AS IT RELATES TO WORK WITHIN THE EXISTING AND PROPOSED CITY R/W.

EXISTING PAVEMENT TO BE SAW CUT TO A CLEAN EDGE ADJACENT TO ANY WIDENING, AUXILIARY LANES, ETC.

APPROVED STORM WATER MANAGEMENT PERMIT. THERE IS TO BE NO DRIVEWAY ENCROACHMENTS INTO EASEMENTS

BETWEEN LOTS.

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 TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.





KRG Call before you dig s & a job no. 55960PUL

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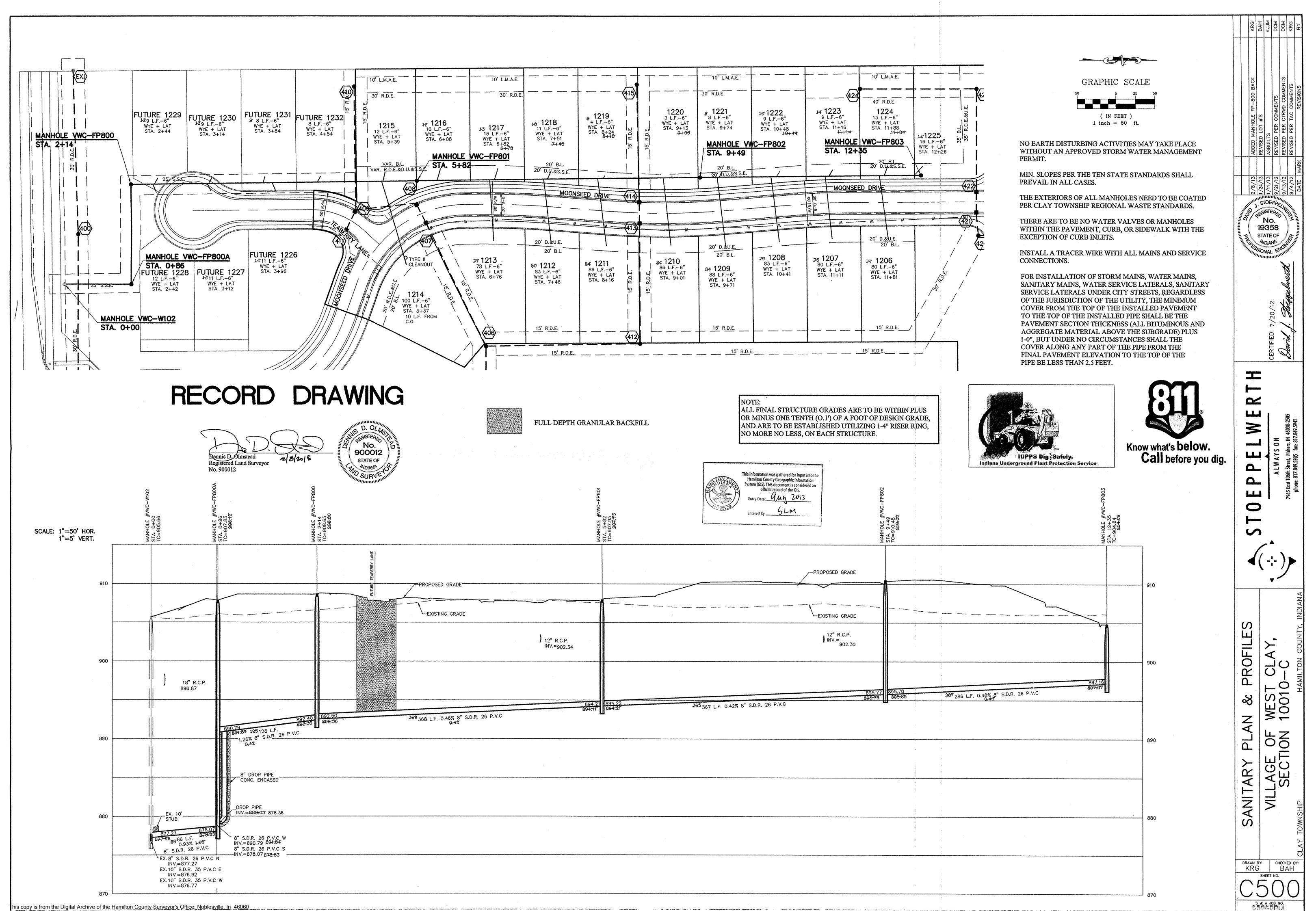
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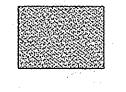
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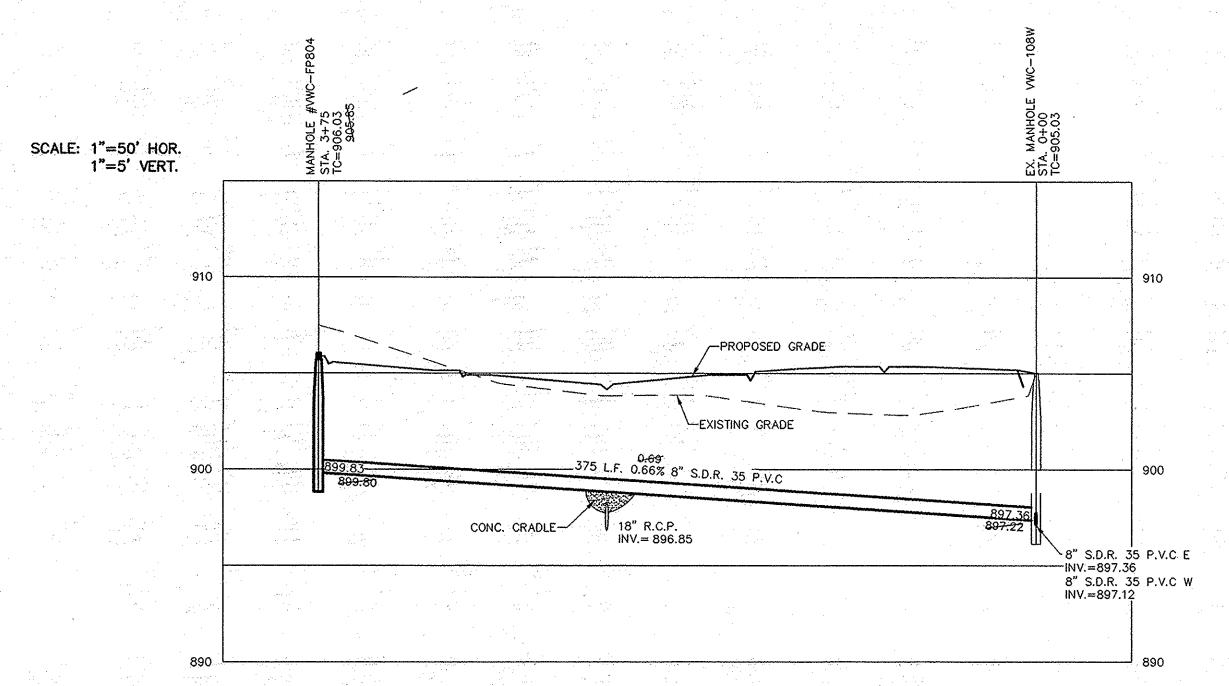
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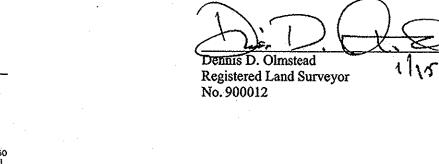


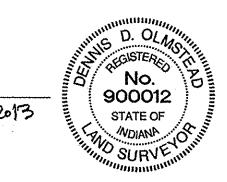


FULL DEPTH GRANULAR BACKFILL



# RECORD DRAWING





NO EARTH DISTURBING ACTIVITIES MAY TAKE PLACE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.

GRAPHIC SCALE

( IN FEET )

1 inch = 50 ft.

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

THE EXTERIORS OF ALL MANHOLES NEED TO BE COATED PER CLAY TOWNSHIP REGIONAL WASTE STANDARDS.

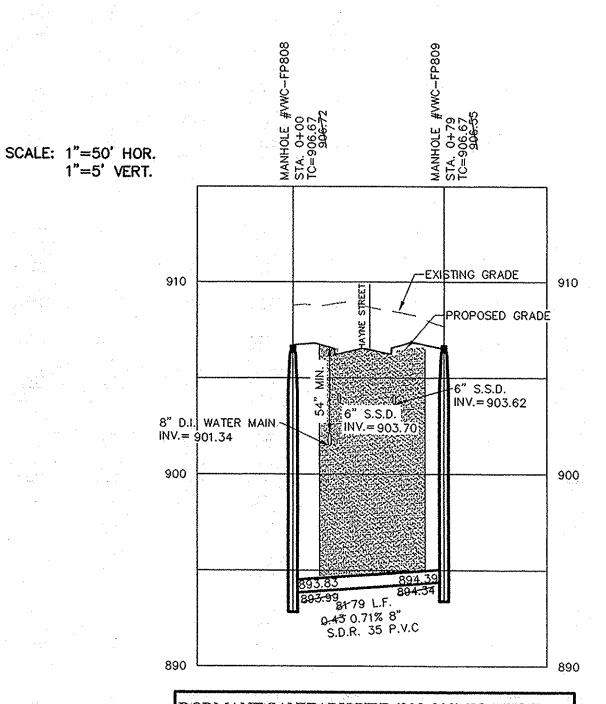
THERE ARE TO BE NO WATER VALVES OR MANHOLES WITHIN THE PAVEMENT, CURB, OR SIDEWALK WITH THE EXCEPTION OF CURB INLETS.

INSTALL A TRACER WIRE WITH ALL MAINS AND SERVICE CONNECTIONS.

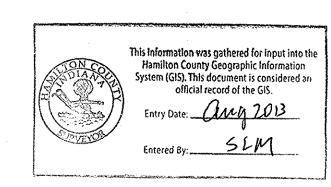
FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1-0", BUT UNDER NO CIRCUMSTANCES SHALL THE COVER ALONG ANY PART OF THE PIPE FROM THE FINAL PAVEMENT ELEVATION TO THE TOP OF THE PIPE BE LESS THAN 2.5 FEET.

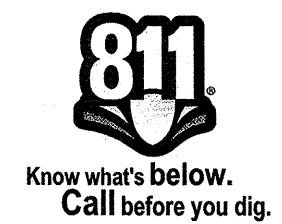
## NOTE:

ALL FINAL STRUCTURE GRADES ARE TO BE WITHIN PLUS OR MINUS ONE TENTH (O.1') OF A FOOT OF DESIGN GRADE, AND ARE TO BE ESTABLISHED UTILIZING 1-4" RISER RING, NO MORE NO LESS, ON EACH STRUCTURE.



DORMANT SANITARY PIPE (808-809) TO AVOID CROSSING ROAD WITH FUTURE DEVELOPMENT







SANITARY PLAN & PROFILE

DRAWN BY: CHECKED BY:
KRG BAH

SHEET NO.

C 5 0 1

6 & A JOB NO.

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n the Digital Archive of the Hamilton County Surveyor's Office: Noblesville. In 46060

