

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

October 22, 2004

TO: Hamilton County Drainage Board

RE: The Intracoastal at Geist Drain, Section 3B Arm

Attached is a petition filed by Centex Homes along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 3B Arm, The Intracoastal at Geist Drain to be located in Fall Creek Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6" SSD	746	15" RCP	193 feet
12" RCP	212 feet		

The total length of the drain will be 1,151 feet.

The retention pond located in Common Area #7 is to be considered part of the regulated drain. The maintenance of the pond, such as mowing, will be the responsibility of the Homeowners Association. The Board will however retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines which are located within the right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

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 for common areas (and platted lots), \$65.00 for platted lots, \$10.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$792.90

The petitioner has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties which are in the form of a Performance Bond are as follows:

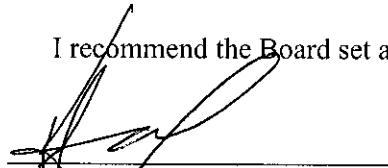
Agent: The Continental Insurance Co.
Date: August 16, 2004
Number: 929344413
For: Storm Sewers
Amount: \$30,971.52

Agent: The Continental Insurance Co.
Date: August 16, 2004
Number: 929344415
For: Erosion Control
Amount: \$18,047.95

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for The Intracoastal at Geist, Section 3B as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 24, 2004.



Kenton C. Ward
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
 % Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of **The Intracoastal at Geist** Subdivision, Section **3B** Drain
Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in **The Intracoastal at Geist, Section 3B**, 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 for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers 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 Petitioner cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.



Thomas L. Kutz, Land Development Manager

Printed Name

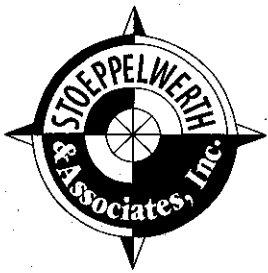


Signed **Centex Homes, A Nevada General Partnership By:**
Centex Real Estate Corporation, A Nevada
Corporation Its: Managing General Partner

Printed Name

FOR RECORDED OWNER(S) OF LAND INVOLVED

DATE _____



CONSULTING ENGINEERS • LAND SURVEYORS

David J. Stoeppelwerth, P.E., P.L.S.
President, C.E.O.

Curtis C. Huff, P.L.S.
Vice-President, C.O.O.

R.M. Stoeppelwerth, P.E., P.L.S.
President Emeritus

August 18, 2004

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

Attention: Steve Cash

Re: The Intracoastal at Geist, Section 3B

Dear Mr. Cash:

Please accept the following Engineer's Estimate for The Intracoastal at Geist, Section 3B.
The amounts are as follows:

Engineer's Estimate: The Intracoastal at Geist Section 3B

Description	Quantity	Unit	Unit Price	Total
Storm Sewer				
Curb Inlet	2	EA	\$1,995.80	\$3,991.60
Yard Inlet	1	EA	\$1,973.33	\$1,973.33
6" x 4" Subsurface Drain Wyes	11	EA	\$47.82	\$526.02
4" Subsurface Drain Lateral w/ Bedding/Backfill	110	LF	\$5.13	\$564.30
6" Subsurface Curb Drain w/Bed/Backfill	876	LF	\$5.53	\$4,844.28
12" RCP CL 3 w/ Bedding/Backfill	212	LF	\$21.80	\$4,621.60
15" RCP CL 3 w/ Bedding/Backfill	193	LF	\$28.10	\$5,423.30
12" Concrete End Section	3	EA	\$819.35	\$2,458.05
15" Concrete End Section	1	EA	\$867.12	\$867.12
Rip Rap	20	Ton	\$27.00	\$540.00
Total				\$25,809.60
Erosion Control				
Temporary Seeding	326,505	SF	\$0.04	\$13,060.21
Permanent Seeding	13,140	SF	\$0.05	\$657.00
4' Swale Mat	350	LF	\$0.56	\$196.00

Hamilton County Surveyor
Jerry Liston
August 12, 2004
Page 2

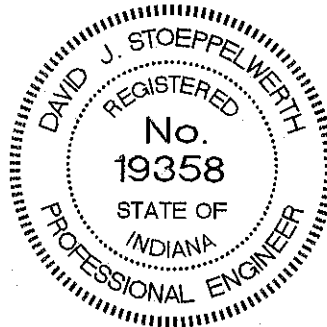
Silt Fence	583	LF	\$1.25	\$728.75
Inlet Protection	1	LSUM	\$398.00	\$398.00
Total				\$15,039.96
Monuments/Markers				
Copperwelds		EA	\$130.00	\$520.00
Total				\$520.00
Grand Total				\$41,369.56

Witness my signature this 18th day of August, 2004.



David J. Stoepfelwerth
Professional Engineer
No. 19358

S/34090S3B/Agency/EngEst





SUBDIVISION BOND

Bond No. 929344413

HCDB-2004-00067

KNOW ALL MEN BY THESE PRESENTS, that we CENTEX HOMES, a Nevada General Partnership

as Principal, and THE CONTINENTAL INSURANCE COMPANY

authorized to do business in the State of Indiana, as Surety, are held and firmly bound unto

HAMILTON COUNTY BOARD OF COMMISSIONERS

as Obligee, in the penal sum of Thirty Thousand Nine Hundred Seventy One and 52/100

(\$ 30,971.52^{*}) DOLLARS, lawful money of

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

WHEREAS, CENTEX HOMES, a Nevada General Partnership

has agreed to construct in The Intracoastal at Geist Section 3B

the following improvements: storm sewer

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvements herein described and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void; otherwise to remain in full force and effect.

Signed, sealed and dated this 16th day of August, 2004.

** This amount reflects 120% of the engineers estimate by Stoeppleworth & Assoc. dated 8-14-2004.*

*Suzanne L. Mills
1-28-05*

CENTEX HOMES, a Nevada General Partnership
Principal

By: *Jamie Clure*

THE CONTINENTAL INSURANCE COMPANY

By: *Bridgette S. Jackson*
Bridgette S. Jackson
Attorney-in-Fact

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a South Carolina corporation, and Firemen's Insurance Company of Newark, New Jersey, a New Jersey corporation (herein called "the CIC Companies"), are duly organized and existing corporations having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Brian M Lebow, Deborah L Griffith, Allyson Dean, Carmen Mims, Bridgette S Jackson, Individually

of Dallas, TX, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their corporations and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the corporations.

In Witness Whereof, the CIC Companies have caused these presents to be signed by their Senior Vice President and their corporate seals to be hereto affixed on this 29th day of June, 2004.



The Continental Insurance Company
Firemen's Insurance Company of Newark, New Jersey

Michael Gengler
Michael Gengler Senior Vice President

State of Illinois, County of Cook, ss:

On this 29th day of June, 2004, before me personally came Michael Gengler to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Chicago, State of Illinois; that he is a Senior Vice President of The Continental Insurance Company, a South Carolina corporation, and Firemen's Insurance Company of Newark, New Jersey, a New Jersey corporation described in and which executed the above instrument; that he knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



My Commission Expires September 17, 2006

Eliza Price
Eliza Price Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of The Continental Insurance Company, a South Carolina corporation, and Firemen's Insurance Company of Newark, New Jersey, a New Jersey corporation do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the corporations printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporations this 16th day of August, 2004.



The Continental Insurance Company
Firemen's Insurance Company of Newark, New Jersey

Mary A. Ribikawskis
Mary A. Ribikawskis Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF THE CONTINENTAL INSURANCE COMPANY:

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolution adopted by the Executive Committee of the Board of Directors of The Continental Insurance Company by unanimous written consent dated the 13th day of January, 1989:

"RESOLVED, that the Chairman of the Board, the Vice Chairman of the Board, the President, an Executive Vice President, a Senior Vice President or a Vice President of the Company be, and each or any of them hereby is, authorized to execute Powers of Attorney qualifying the attorney named in the given Power of Attorney to execute in behalf of the Company bonds, undertakings and all contracts of suretyship; and that an Assistant Vice President, a Secretary or an Assistant Secretary be, and each or any of them hereby is, authorized to attest the execution of any such Power of Attorney, and to attach thereto the seal of the Company.

RESOLVED, that the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached."

ADOPTED BY THE BOARD OF DIRECTORS OF FIREMEN'S INSURANCE COMPANY OF NEWARK, NEW JERSEY:

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolution adopted by the Executive Committee of the Board of Directors of the FIREMEN'S INSURANCE COMPANY OF NEWARK, NEW JERSEY by unanimous written consent dated the 13th day of January, 1989:

"RESOLVED, that the Chairman of the Board, the Vice Chairman of the Board, the President, an Executive Vice President, a Senior Vice President or a Vice President of the Company be, and each or any of them hereby is, authorized to execute Powers of Attorney qualifying the attorney named in the given Power of Attorney to execute in behalf of the Company bonds, undertakings and all contracts of suretyship; and that an Assistant Vice President, a Secretary or an Assistant Secretary be, and each of any of them hereby is, authorized to attest the execution of any such Power of Attorney, and to attach thereto the seal of the Company.

RESOLVED, that the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached."

NOTICE

In accordance with the Terrorism Risk Insurance Act of 2002, we are providing this disclosure notice for bonds and certain insurance policies on which one or more of the Writing Companies identified below is the surety or insurer.

To principals on bonds and insureds on certain insurance policies written by any one or more of the following companies (collectively the "Writing Companies") as surety or insurer: Western Surety Company, Universal Surety of America, Surety Bonding Company of America, Continental Casualty Company, National Fire Insurance Company of Hartford, American Casualty Company of Reading, PA, The Firemen's Insurance Company of Newark, NJ, and The Continental Insurance Company.

DISCLOSURE OF PREMIUM

The premium attributable to coverage for terrorist acts certified under the Act was Zero Dollars (\$0.00).

DISCLOSURE OF FEDERAL PARTICIPATION IN PAYMENT OF TERRORISM LOSSES

The United States will pay ninety percent (90%) of covered terrorism losses exceeding the applicable surety/insurer deductible.

SUBDIVISION BOND

HCDP-2004-068
FILE COPY

Bond No. 929344415

KNOW ALL MEN BY THESE PRESENTS, that we CENTEX HOMES, a Nevada General Partnership

as Principal, and THE CONTINENTAL INSURANCE COMPANY

authorized to do business in the State of Indiana, as Surety, are held and firmly bound unto

HAMILTON COUNTY BOARD OF COMMISSIONERS

as Obligee, in the penal sum of Eighteen Thousand Forty Seven and 95/100

(\$ 18,047.95) DOLLARS, lawful money of

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

WHEREAS, CENTEX HOMES, a Nevada General Partnership

has agreed to construct in The Intracoastal at Geist Section 3B

the following improvements: erosion control

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvements herein described and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void; otherwise to remain in full force and effect.

Signed, sealed and dated this 16th day of August, 2004.

* This amount reflects 120% of the engineers estimate by Stoepplewerth & Assoc. dated 8-14-2004.

Suzanne Mills
1-28-05

CENTEX HOMES, a Nevada General Partnership
Principal

By: [Signature]

THE CONTINENTAL INSURANCE COMPANY

By: [Signature]
Bridgette S. Jackson
Attorney-in-Fact

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a South Carolina corporation, and Firemen's Insurance Company of Newark, New Jersey, a New Jersey corporation (herein called "the CIC Companies"), are duly organized and existing corporations having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Brian M Lebow, Deborah L Griffith, Allyson Dean, Carmen Mims, Bridgette S Jackson, Individually

of Dallas, TX, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their corporations and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the corporations.

In Witness Whereof, the CIC Companies have caused these presents to be signed by their Senior Vice President and their corporate seals to be hereto affixed on this 29th day of June, 2004.



The Continental Insurance Company
Firemen's Insurance Company of Newark, New Jersey

Michael Gengler
Michael Gengler Senior Vice President

State of Illinois, County of Cook, ss:

On this 29th day of June, 2004, before me personally came Michael Gengler to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Chicago, State of Illinois; that he is a Senior Vice President of The Continental Insurance Company, a South Carolina corporation, and Firemen's Insurance Company of Newark, New Jersey, a New Jersey corporation described in and which executed the above instrument; that he knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



My Commission Expires September 17, 2006

Eliza Price
Eliza Price Notary Public

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The Continental Insurance Company
Firemen's Insurance Company of Newark, New Jersey

Mary A. Ribikawskis
Mary A. Ribikawskis Assistant Secretary

Authorizing By-Laws and Resolutions

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RESOLVED, that the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.”

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To principals on bonds and insureds on certain insurance policies written by any one or more of the following companies (collectively the "Writing Companies") as surety or insurer: Western Surety Company, Universal Surety of America, Surety Bonding Company of America, Continental Casualty Company, National Fire Insurance Company of Hartford, American Casualty Company of Reading, PA, The Firemen's Insurance Company of Newark, NJ, and The Continental Insurance Company.

DISCLOSURE OF PREMIUM

The premium attributable to coverage for terrorist acts certified under the Act was Zero Dollars (\$0.00).

DISCLOSURE OF FEDERAL PARTICIPATION IN PAYMENT OF TERRORISM LOSSES

The United States will pay ninety percent (90%) of covered terrorism losses exceeding the applicable surety/insurer deductible.

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Intracoastal at Geist Drain, Section 3B Arm

On this *24th day of January 2005*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Intracoastal at Geist Drain, Section 3B 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.

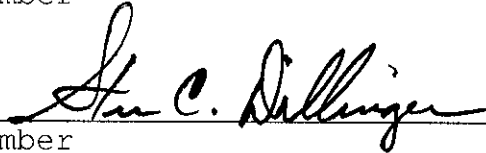
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest:



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
Intracoastal @ Geist Drain, Section 3B Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Intracoastal @ Geist Drain, Section 3B Arm** on **January 24, 2005** at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Intracoastal at Geist Drain, Section 3B Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **January 24, 2005** 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



SURVEYOR'S OFFICE
Hamilton County

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

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

To: Hamilton County Drainage Board

September 23, 2009

Re: Intracoastal at Geist: Section 3B

Attached are as-builts, certificate of completion & compliance, and other information for Intracoastal at Geist Section 3B. 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 October 22, 2004. The report was approved by the Board at the hearing held January 24, 2005. (See Drainage Board Minutes Book 8, Pages 149-151)
The changes are as follows:
The 12" RCP was shortened from 212 feet to 59 feet. The 15" RCP was lengthened from 193 feet to 336 feet. The 6" SSD was lengthened from 746 to 865 feet.
The length of the drain due to the changes described above is now **1260 feet**.

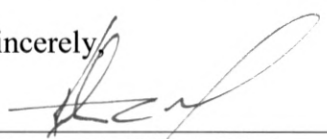
The non-enforcement was approved by the Board at its meeting on January 24, 2005 and recorded under instrument # 200500005496.

The following sureties were guaranteed by The Continental Insurance Co. and released by the Board on its July 14, 2008 meeting.

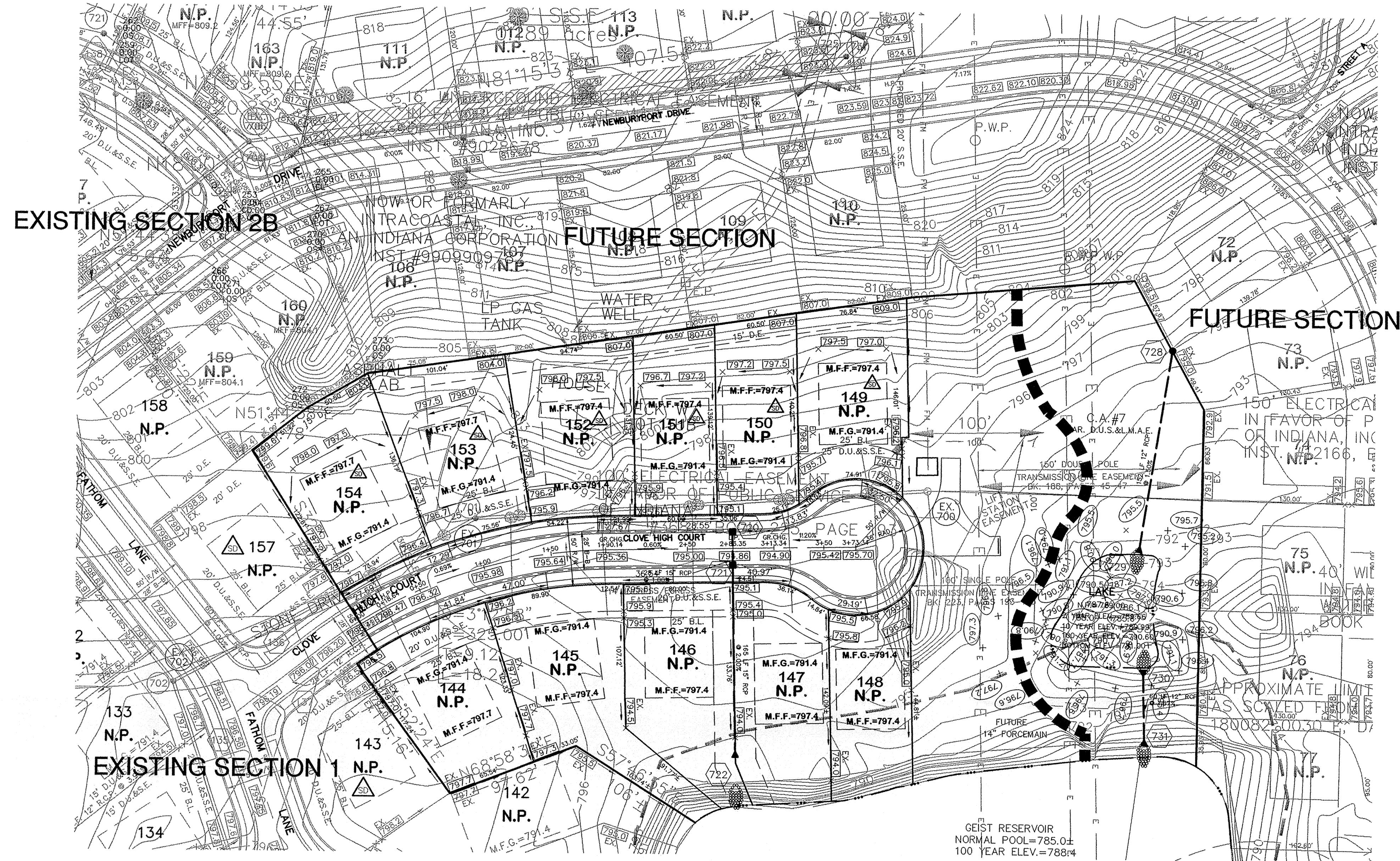
Bond-LC No: 929344413
Insured For: Storm Sewers
Amount: \$30,971.52
Issue Date: August 16, 2004

Bond-LC No: 929344415
Insured For: Erosion Control
Amount: \$18,047.95
Issue Date: August 16, 2004

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

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor



SCALE: 1" = 50'

- LEGEND**
- 810 --- EXISTING CONTOUR
 - 810 --- EXISTING SANITARY SEWER
 - 810 --- EXISTING STORM SEWER
 - 810 --- PROPOSED GRADE
 - 810 --- PROPOSED CONTOUR
 - 810 --- PROPOSED SANITARY SEWER
 - 810 --- PROPOSED STORM SEWER
 - 810 --- PROPOSED SWALE
 - 810 --- PROPOSED 4' SIDEWALK (BY HOME BUILDER)
 - M.E. MATCH EXISTING
- 31** LOT NUMBER
- N.P. NO PAD
- M.F.F. MINIMUM FINISH FIRST FLOOR ELEVATION
- M.F.G. MINIMUM FINISH GRADE AROUND HOME (FLOOD PROTECTION GRADE = 791.4)
- DENOTES 4" SUBSURFACE DRAIN TO LOT (PER HAMILTON COUNTY SURVEYOR'S OFFICE STANDARDS)
- DENOTES 6" SUBSURFACE DRAIN
- ROLL CURB

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

NOTE: ALL OFF-SITE DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE).

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.

EARTHWORK:

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

NOTE: 1. THE EXISTING PAVEMENT AND CURB MUST BE SAW AND CUT TO PROVIDE A SMOOTH TRANSITION ON ALL STUB STREET CONNECTIONS TO SECTION 1.

NOTE: 2. CONTRACTOR SHALL STAMP THE LETTERS "SS" IN THE CURB PERPENDICULAR TO THE LATERAL MARKER.

NOTE: 3. GRADES SHOWN BEHIND LOTS 149 THRU 154 ARE PROPOSED GRADES FOR FUTURE HOUSE CONSTRUCTION

BENCHMARK:
(VERTICAL DATUM-NAVD1988)
HSE 9
HSE DISC IN CONCRETE AT WEST BOUNDARY OF THE INTRACOASTAL. SET 70'± SOUTH OF 113TH STREET 1/4 MILE WEST OF FLORIDA ROAD.
ELEV.=808.39

(HORIZONTAL DATUM-NAD1983)
G217
CENTER OF SECTION 06-T17N-6E
5/8" REBAR(1996).
ELEV.=795.76

S.&A. #1
(VERTICAL DATUM-NAVD1988)
MINI-SPIKE IN THE SOUTH FACE OF POWER POLE 24" UP. 376'± SOUTH OF 113TH STREET 446'± WEST OF FLORIDA ROAD.
ELEV.=795.76

EXISTING SECTION 2B

EXISTING SECTION 1

FUTURE SECTION

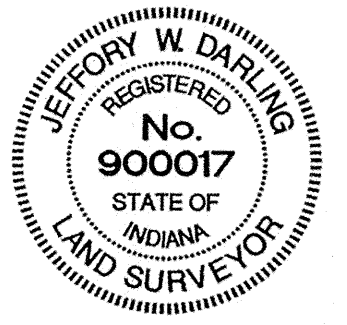
AS BUILT

STORM TABLE

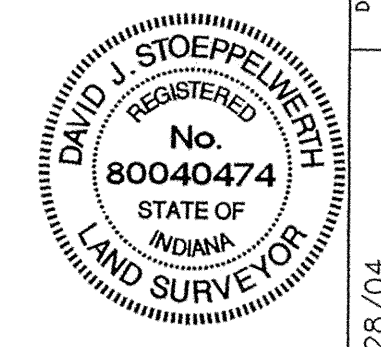
Str. No.	Type	Tc/Rim	Inverts	Dir.
720	CURB INLET	794.73	790.88	(S)
721	CURB INLET	794.82	790.76	(N)(S)
722	END SECTION		787.49	(S)
728	YARD INLET	794.92	791.28	(S)
729	END SECTION		789.04	(N)
730	END SECTION		789.92	(S)
731	END SECTION		788.96	(N)

RECORD DRAWING

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 3-26-06
Entered By: SLM



CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANA
FISHERS

SITE DEVELOPMENT PLAN
THE INTRACOASTAL AT GEIST
SECTION 3B
INDIANA
HAMILTON COUNTY

SHEET NO.
C200
JOB NO. 34090

DATE: 6/28/04
MARK: BY: EF

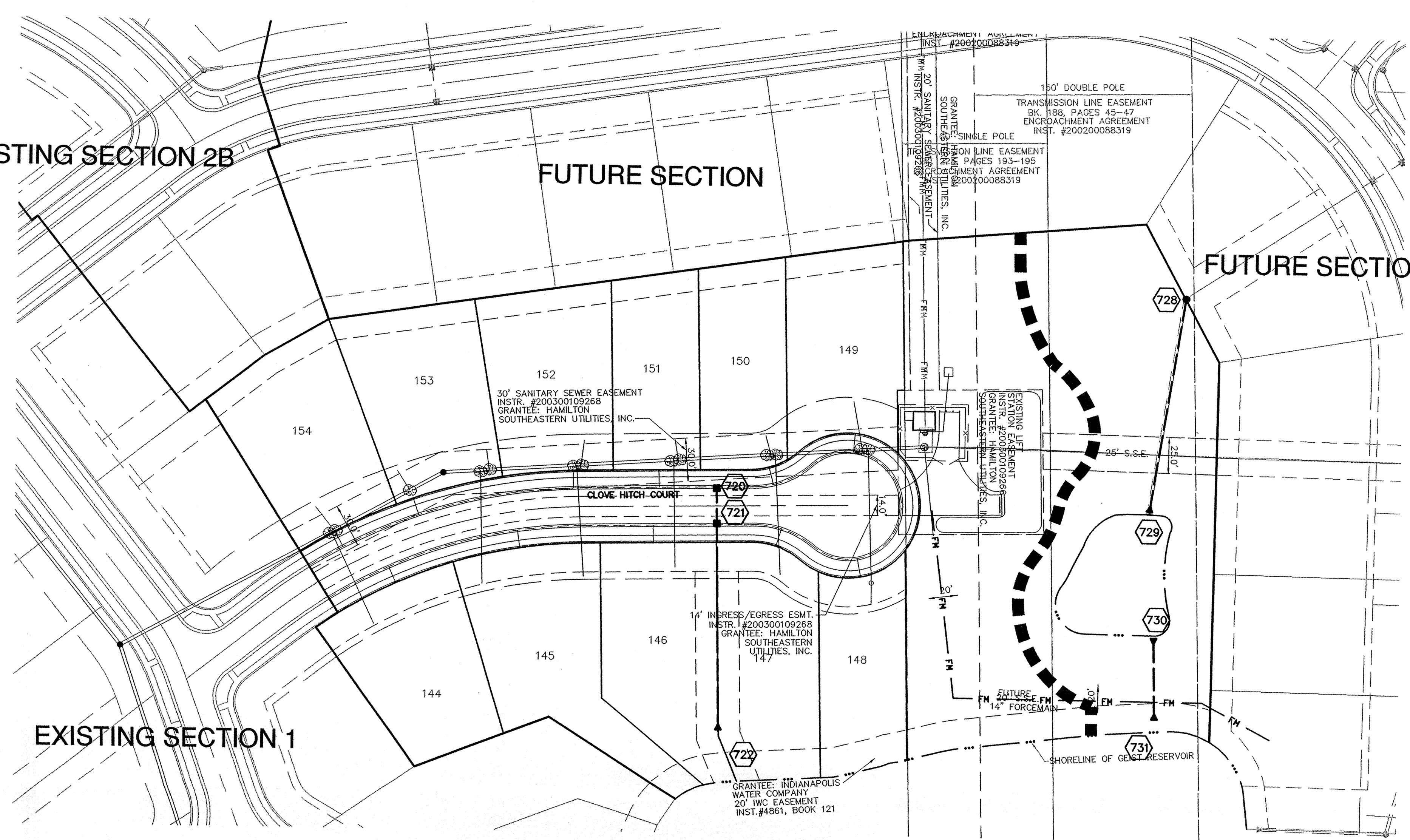
REVISIONS

EXISTING SECTION 2B

FUTURE SECTION

FUTURE SECTION

EXISTING SECTION 1



CURB INLET TABLE

PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING #R-3501 N	CASTING #3501 TL & TR
12" to 18"	24"x24"		DESIGN APPROVAL	No	Yes	Yes
12" to 21"	30"x30"		DESIGN APPROVAL	No	Yes	Yes
18" to 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" to 27"	24"x36"		DESIGN APPROVAL	No	No	Yes
12" to 24"	36"x36"		DESIGN APPROVAL	No	Yes	Yes
24" OR LARGER			DESIGN APPROVAL	No	No	Yes
24" or LARGER		MH/BOX	DESIGN APPROVAL	Yes**	Yes	Yes

* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX.
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE.

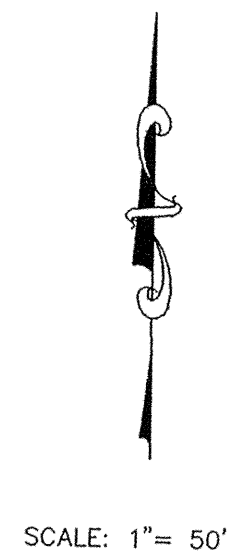
SPECIAL NOTE:
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A MAN OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

SPECIAL NOTE:
 STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES.

SPECIAL NOTE:
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

NOTE:
 CONSTRUCTION TOLERANCE FOR YARD INLETS WILL BE +0.0' TO -0.02'

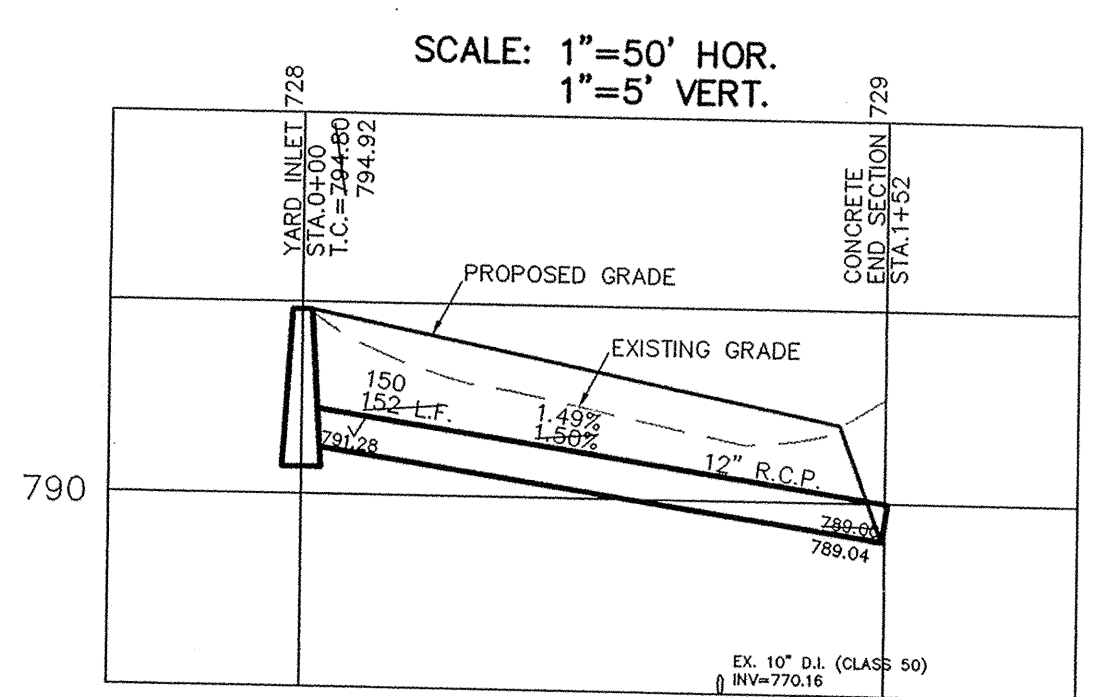
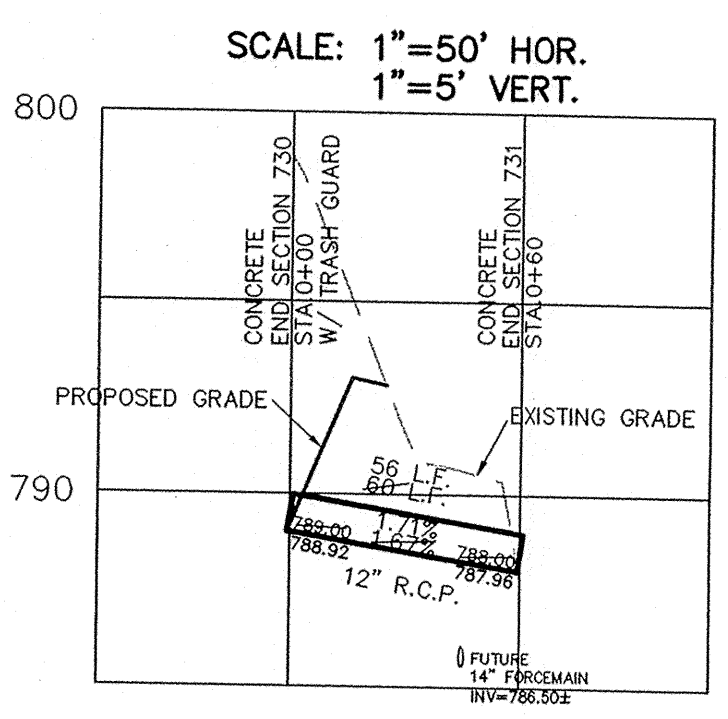
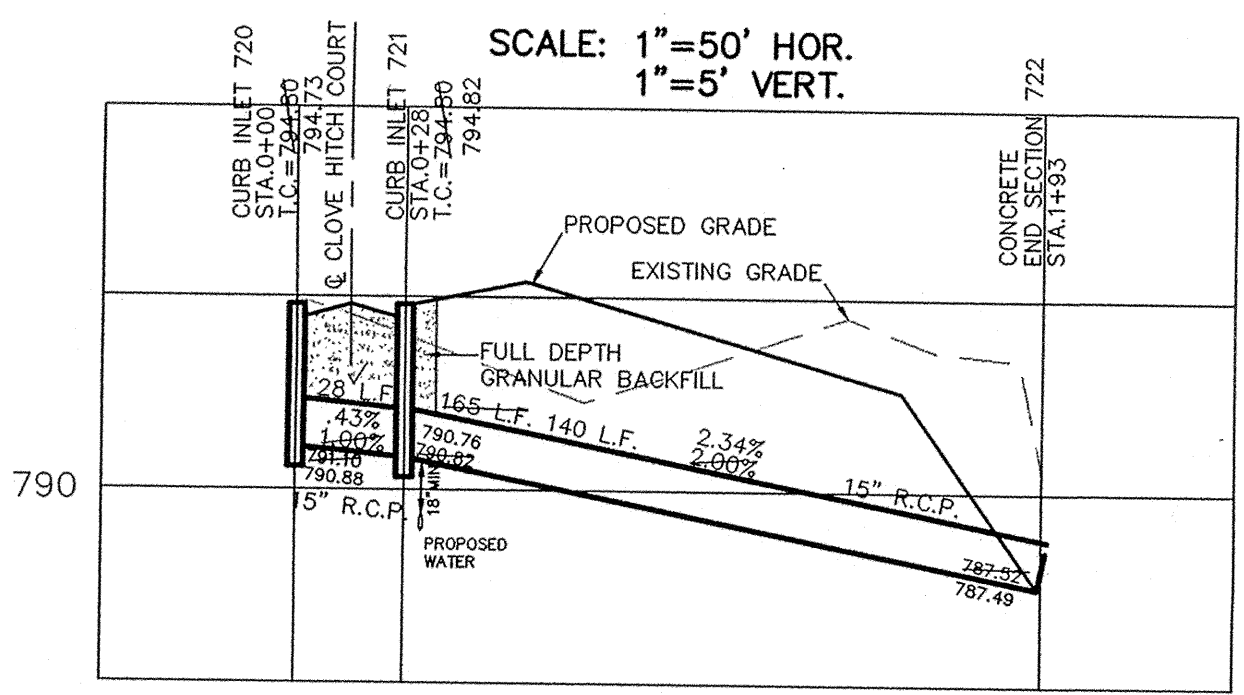
NOTE:
 "EXCEPT FOR FORCE MAINS, CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES AND STORM SEWERS IS 18" OR LESS."



SCALE: 1" = 50'

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 12/30/04



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 3-26-06
 Entered by: SLM

INDIANA

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942

INDIANA

STORM PLAN AND PROFILE
 THE INTRACOASTAL AT GEIST
 SECTION 3B

HAMILTON COUNTY
 INDIANA

SHEET NO.
C600

JOB NO. 34090

DATE: 6/28/04

BY: David J. Stapp

REVISIONS:

This copy is from the Digital Archive of the Hamilton County Surveyor's Office, Noblesville, IN 46060

NOTE TO CONTRACTOR:
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.

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.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

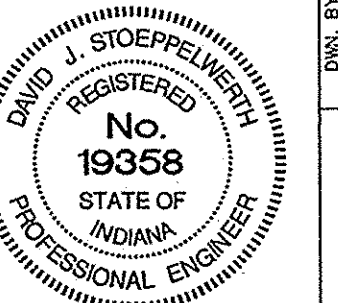
ALL EXISTING OFF-SITE DRAIN TILES THAT ARE ENCOUNTERED SHALL BE TIED INTO THE PROPOSED STORM SEWER SYSTEM WITH A POSITIVE OUTFLOW

EMERGENCY OVERFLOW CROSS-SECTION
NOT TO SCALE

STORM TABLE

Str. No.	Type	To/Rim	Inverts	Dir.
142	CONCRETE END SECTION*		909.50	(NE)
143	CONCRETE END SECTION		908.20	(SW)
144	CONCRETE END SECTION		909.50	(NW)
145	DBL CURB INLET (TL)(TR)		911.84	(W&SE)
146	DBL CURB INLET (TL)(TR)		915.30	(NW&E)
147	YARD INLET		915.00	(SE)
148	CONCRETE END SECTION		909.50	(W)
149	YARD INLET		910.02	(SW&E)
150	YARD INLET		914.00	(S&NE)
151	DOUBLE CURB INLET (TL)(TR)		914.65	(N&SW)
152	DOUBLE CURB INLET (TL)(TR)		914.65	(NE&SW)
153	MANHOLE		915.20	(NE&S)
154	YARD INLET		913.50	(N.E)
154A	YARD INLET		914.20	(W)
155	CONCRETE END SECTION		909.50	(SE)
156	YARD INLET		910.30	(NW&S&E)
157	CURB INLET (TL)		915.80	(N&S)
158	DBL CURB INLET (TL)(TR)		915.80	(N&S)
159	YARD INLET		914.00	(N&NW)
160	YARD INLET		913.50	(SE)
161	CURB INLET (TL)		915.60	(SE&W)
162	CURB INLET (TR)		915.60	(NW&E)
163	YARD INLET		914.50	(W&N)
164	YARD INLET		914.00	(S)
194	DBL CURB INLET (TL)(TR)		915.70	(E&SW)
195	DBL CURB INLET (TR)(TL)		908.80	(W&NE)
195A	CONCRETE END SECTION		912.70	(E)
195B	CONCRETE END SECTION		912.70	(W)

SCALE: 1" = 60'



BENCHMARKS:

LEE 2 - THE STATION IS LOCATED APPROX. 2.5 MILES NORTHEAST OF ZIONSVILLE, AT THE INTERSECTION OF SHELDORNE AND WEST 131ST STREET, IN THE SE 1/4 OF THE INTERSECTION, SET IN TOP OF A CONCRETE POST, LEVEL WITH THE ROADWAY, A DEPARTMENT OF NATURAL RESOURCES BRASS CONTROL STATION TABLET, STAMPED "LEE 2 AZI 1989", N.A.V.D.
ELEV. = 917.518

R.R.S.#1 (S&A) - SET @ W. SIDE OF PWR POLE ON THE E. SIDE OF TOWNE ROAD APPROX. 600'± S. OF 141ST STREET
POLE #198293
ELEV. = 912.91

R.R.S.#2 (S&A) - SET @ S. SIDE OF PWR POLE, 4TH POLE WEST OF TOWNE ROAD ON N. SIDE OF 141ST STREET
POLE #198293
ELEV. = 913.80

RECORD DRAWING

Dennis D. Olmstead 10/21/08
DENNIS D. OLMSTEAD DATE
Registered Land Surveyor
No. 900012



ASBUILT GRADE ELEV.

LEGEND

- EXISTING EDGE OF WOODS
- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- MATCH EXISTING
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 5' SIDEWALK (BY HOME BUILDER)
(DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)

100
874.1
MFPG
DENOTES MINIMUM FLOOD PROTECTION GRADE (NO OPENING TO BE BELOW THIS ELEVATION)

DENOTES 4" SUBSURFACE DRAIN TO LOT
 DENOTES 6" SUBSURFACE DRAIN
 ROLL CURB

"HOLEY MOLEY" SAYS:

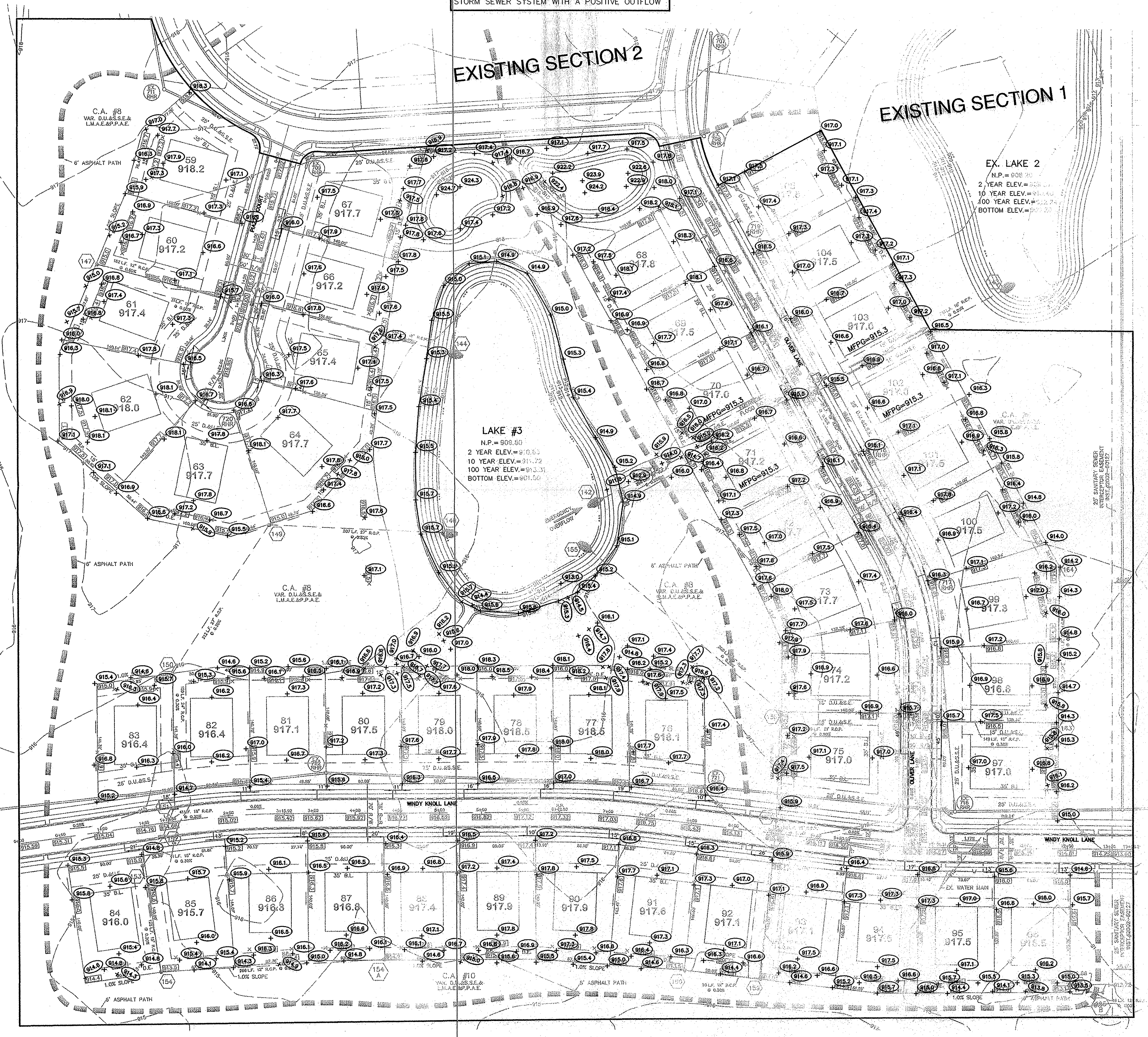


1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

This information was published for input into the Hamilton County Geographic Information System (GIS) on 10/21/08. Every Date: 10/21/08. Entered by: SLM



CERTIFIED: 6/1/04

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INDIANA

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INDIANA

SITE DEVELOPMENT PLAN
THE RIDGE AT HAYDEN RUN
SECTION 3

INDIANA

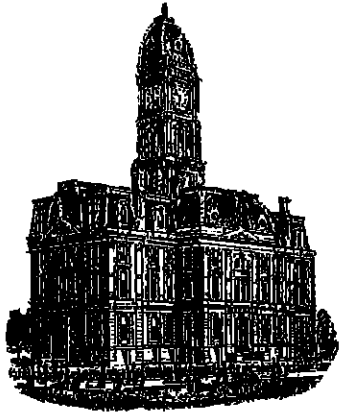
CARMEL

REVISIONS

NO.	DATE	BY
1	6/1/04	David J. Steppeworth

SHEET NO.
C200

JOB NO. 42480



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

Map Correction-Field Verification

Drain Number: #334

Drain Length: 1260

Drain Name: Intracoastal at Geist Sec. 3B

Change + / - : -21

Date: 01-04-2016

New Length: 1239

Verified By: SLM

Notes & Sketch:

The final report incorrectly outlined the 12" RCP and the 15" RCP footage. The 12" RCP total is 206 feet and the 15" RCP is 168 feet. The 6" SSD remains at 865 feet.

Suzanne L. Mills
GIS Specialist