



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

December 27, 2012

To: Hamilton County Drainage Board

Re: Williams Creek Drain, Chateaux De Moulin Arm – LDS Temple Reconstruction

Attached is a petition and plans for the proposed reconstruction and extension of the Williams Creek Drain, Chateaux De Moulin Arm. The reconstruction is being proposed by The Church of Jesus Christ of Latter-Day Saints. The proposal is to remove the existing end section and extend the storm sewer to the reconfigured detention pond for the LDS Temple.

The reconstructed drain shall consist of those lengths of pipes between the following structures and open ditch as shown on sheets C202 of the plans by Banning Engineering, dated November 15, 2012, and having job number 10135M:

The end section, Structure 110 of the Chateaux De Moulin Arm, will be removed and a new manhole (Str. 154 on the LDS Temple Plans) will be placed at that location, then to Str. 153, then 400' of open ditch through the detention pond to Str. 101, then to Str. 100, then 165' of open ditch following the existing natural channel to the west property line of the LDS Temple property.

The drain in total will consist of the following lengths:

15" RCP – 25 ft.
36" RCP – 143 ft.
Open Ditch – 565 ft.

The total length of new drain shall be 733 feet. None of the original drain length shall be vacated. This proposal will add an additional 733 feet to the drains total length.

The detention pond associated with the project will not be part of the regulated drain at this time, but will become part of the regulated drain when the residential section south of the pond is platted as part of the residential development and the development drainage system is petitioned as a regulated drain subdivision.

The cost of the reconstruction is to be paid by The Church of Jesus Christ of Latter-Day Saints. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a noticed hearing is not required for the petition.

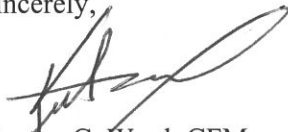
The petitioner has provided the Performance Bond as follows:

Bonding Company: Continental Casualty Company
Bond Number: 929553119
Bond Date: October 18, 2012
Bond Amount: \$21,240.00

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 approval by the Board at this time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: 11400 Springmill Road)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

The Church of Jesus Christ of Latter-Day Saints (hereinafter "Petitioner"),

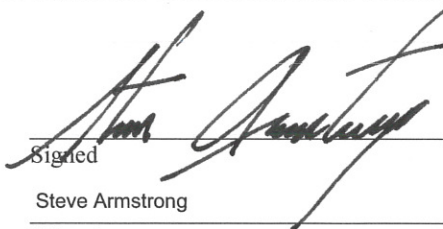
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Chateaux De Moulin Regulated Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Chateaux De Moulin Regulate Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the Chateaux De Moulin Regulated Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Chateaux De Moulin Regulated Drain, without cost to other property owners on the watershed of the Williams Creek Regulated Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

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

FILED

AUG 10 2012


Signed _____
Steve Armstrong
Printed _____



“Your Project is Our Priority”

**Hamilton County Surveyor Bond Estimate
LDS Temple, Carmel**

Item	Cost
4' Dia. MH	1700
Outlet Structure	5000
25' of 15" RCP	700
143' of 36" RCP	9000
15" End Section	450
36" End Section	850

Total \$17,700

HCDB-2012-00038

APPROVED BY THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A312 (December 1984 Edition)

Performance Bond

Bond # 929553119

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

Shiel Sexton Company, Inc.
902 N. Capitol Avenue
Indianapolis, IN 46204

SURETY (Name and Principal Place of Business)

Continental Casualty Company
P. O. Box 5077
Sioux Falls, SD 57117 5077

OWNER (Name and Address)

Hamilton County Board of Commissioners
One Hamilton Square
Noblesville, IN 46060

CONSTRUCTION CONTRACT

Date: October 18, 2012
Amount: Twenty One Thousand Two Hundred Forty Dollars (\$21,240.00)
Description (Name and Location): Stormwater Control

BOND

Date (Not earlier than Construction Contract Date): October 18, 2012
Amount: Twenty One Thousand Two Hundred Forty Dollars (\$21,240.00)
Modifications to this Bond: None See Page 3

CONTRACTOR AS PRINCIPAL

Company: Shiel Sexton Company, Inc.

SURETY

Company: Continental Casualty Company

Signature:

Name and Title: DANIEL J. MURPHY, CFO

Signature:

Name and Title: Linda J. Griggs
Attorney - In - Fact

(Any additional signatures appear on page 3)

(FOR INFORMATION ONLY - Name, Address and Telephone)

AGENT or BROKER:
Old National Insurance
600 East 96th Street, Suite 400
Indianapolis, Indiana 46240
317-575-9999

OWNER'S REPRESENTATIVE (Architect, Engineer
other party):

1. The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.

3. If there is no Owner Default, the Surety's obligation under this Bond shall arise after:

3.1 The Owner has notified the Contractor and the Surety at its address described in Paragraph 10 below that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be had not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default; and

3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided in Sub-paragraph 3.1; and

3.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Construction Contract in accordance with the terms of the contract with the Owner.

4. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Construction Contract; or

4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or

4.3 Obtain bids to negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and the contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor's default; or

4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

. 1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, tender payment therefor to the Owner; or

.2 Deny liability in whole or in part and notify the Owner citing reasons therefor.

5. If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Sub-paragraph 4.4, and the Owner refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

6. After the Owner has terminated the Contractor's right to complete the Construction Contract, and if the Surety elects to act under Sub-paragraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:

6.1 The responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

6.2 Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and

6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

7. The Surety shall not be liable to the Owner of others for obligations of the Contractor that are unrelated to the Construction contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators or successors.

8. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontractors, purchase orders and other obligations.

9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years

after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction shall be applicable.

10. Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page.

11. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. DEFINITIONS

12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

12.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.

12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company:

SURETY
Company:

Signature: _____
Name and Title:

Signature: _____
Name and Title:

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies 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

John S Flynn, Fred Eickhoff, Thomas A Flynn, Margaret H Guilfoy, Gerald F O'Connor, Mary Robinson, Benita J Mitten, Katie Eckhart, Linda J Griggs, Individually

of Indianapolis, IN, 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 insurance companies 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 insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Senior Vice President and their corporate seals to be hereto affixed on this 1st day of May, 2012.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Stathy Darcy
Stathy Darcy Senior Vice President

State of Illinois, County of Cook, ss:

On this 1st day of May, 2012, before me personally came Stathy Darcy to me known, who, being by me duly sworn, did depose and say: that she resides in the City of Glenview, State of Illinois; that she is a Senior Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that she knows the seals of said insurance companies; 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 insurance companies and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires September 17, 2013

Eliza Price
Eliza Price Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company 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 insurance companies 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 insurance companies this 18th day of October, 2012.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Mary A Ribikawskis
Mary A Ribikawskis Secretary

HCDB - 2012 - 00038

GENERAL PURPOSE RIDER

To be attached to and form part of Bond Number 929553119 effective 10/18/2012 issued by the Continental Casualty Company in the amount of Twenty One Thousand Two Hundred Forty Dollars (\$21,240.00) DOLLARS, on behalf of Shiel Sexton Company, Inc. as Principal and in favor of Hamilton County Board of Commissioners as obligee:

Now, Therefore, It is agreed that: Change description of work to read:
Williams Creek Regulated Drain Reconstruction - The Church of Jesus Christ of Latter-Day Saints, Indianapolis Temple.

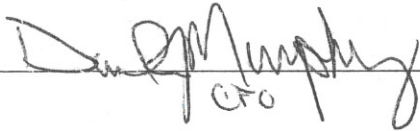
It is further understood and agreed that all other terms and conditions of this bond shall remain unchanged.

This rider is to be effective the 18th day of October

Signed, sealed and dated this 29th day of October

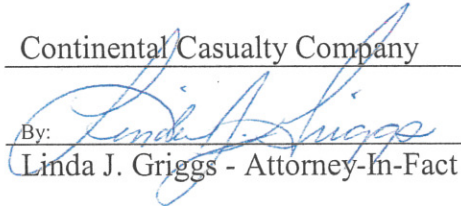
Shiel Sexton Company, Inc. (Principal)

By:


CFO

Continental Casualty Company (Surety)

By:


Linda J. Griggs - Attorney-In-Fact

Accepted By:

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies 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

John S Flynn, Fred Eickhoff, Thomas A Flynn, Margaret H Guilfooy, Gerald F O'Connor, Mary Robinson, Benita J Mitten, Katie Eckhart, Linda J Griggs, Individually

of Indianapolis, IN, 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 insurance companies 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 insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Senior Vice President and their corporate seals to be hereto affixed on this 1st day of May, 2012.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[Signature]
Stathy Darcy Senior Vice President

State of Illinois, County of Cook, ss:

On this 1st day of May, 2012, before me personally came Stathy Darcy to me known, who, being by me duly sworn, did depose and say: that she resides in the City of Glenview, State of Illinois; that she is a Senior Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that she knows the seals of said insurance companies; 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 insurance companies and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires September 17, 2013

[Signature]
Eliza Price Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company 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 insurance companies 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 insurance companies this 29th day of October, 2012.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[Signature]
Mary A. Ribikawskis Assistant Secretary

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

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company.

“Article IX—Execution of Documents

Section 3. Appointment of Attorney-in-Fact. The Chairman of the Board of Directors, the President or any Executive, Senior or Group Vice President may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority, shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The Chairman of the Board of Directors, the President or any Executive, Senior or Group Vice President or the Board of Directors, may, at any time, revoke all power and authority previously given to any attorney-in-fact.”

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993.

“Resolved, that the signature of the President or any Executive, Senior or Group Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to Section 3 of Article IX of the By-Laws, and the signature of the Secretary or an Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.”

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company.

“Article VI—Execution of Documents

Section 3 Appointment of Attorney-in-Fact. The Chairman of the Board of Directors, the President or any Executive or Senior Vice President may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority, shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The Chairman of the Board of Directors, the President or any Executive or Senior Vice President or the Board of Directors may at any time revoke all power and authority previously given to any attorney-in-fact.”

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993.

“Resolved, that the signature of the President or any Executive, Senior or Group Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to Section 2 of Article VI of the By-Laws, and the signature of the Secretary or an Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.”

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

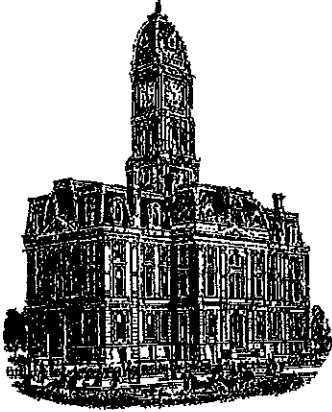
This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company.

“Article VII—Execution of Documents

Section 3. Appointment of Attorney-in-Fact. The Chairman of the Board of Directors, the President or any Executive or Senior Vice President may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The Chairman of the Board of Directors, the President or any Executive, Senior Vice President or the Board of Directors, may, at any time, revoke all power and authority previously given to any attorney-in-fact.”

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993.

“RESOLVED: That the signature of the President, an Executive Vice President or any Senior or Group Vice President and the seal of the Insurance Company may be affixed by facsimile on any power of attorney granted pursuant to the Resolution adopted by this Board of Directors on February 17, 1993 and the signature of a Secretary or an Assistant Secretary and the seal of the Insurance Company may be affixed by facsimile to any certificate of any such power, and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Insurance Company. Any such power so executed and sealed and certified by certificate so executed and sealed, shall with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Insurance Company.”



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

August 22, 2016

Re: Williams Creek Drain: Chateaux De Moulin – LDS Temple Reconstruction

Attached are as-built, certificate of completion & compliance, and other information for Chateaux De Moulin-LDS Temple Reconstruction. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

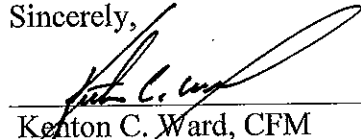
During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated December 27, 2012. The report was approved by the Board at the hearing held January 14, 2013. (See Drainage Board Minutes Book 14, Pages 466-467) The changes are as follows: The 15" RCP was shortened from 25 feet to 23 feet. The open ditch was lengthened from 565 feet to 578 feet. The length of the drain due to the changes described above is now **744 feet**.

The following sureties were guaranteed by Continental Casualty Company and released by the Board on its August 22, 2016 meeting.

Bond-LC No: 929553119
Amount: \$21,240.00
For: Storm Sewers
Issue Date: October 18, 2012

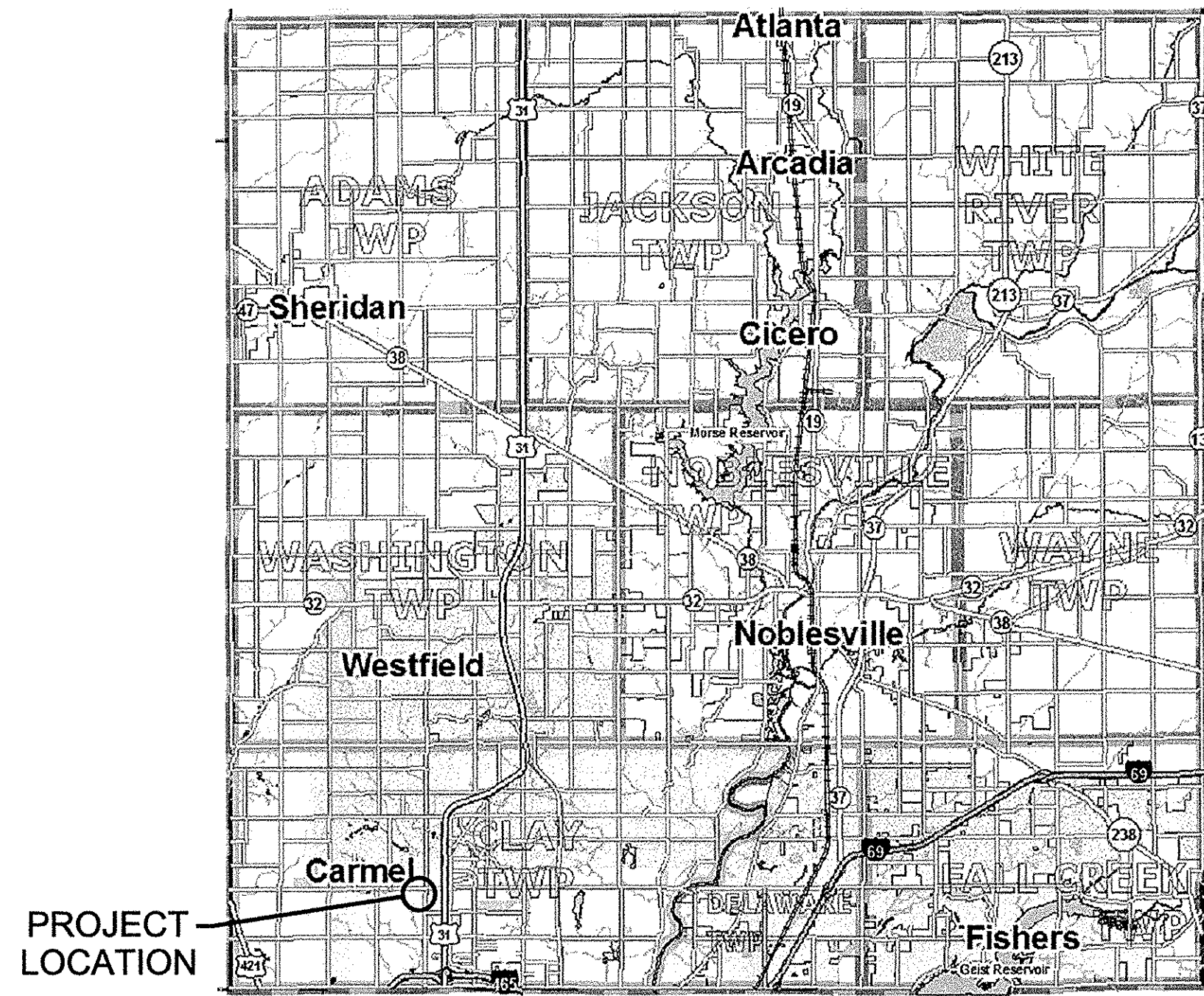
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor

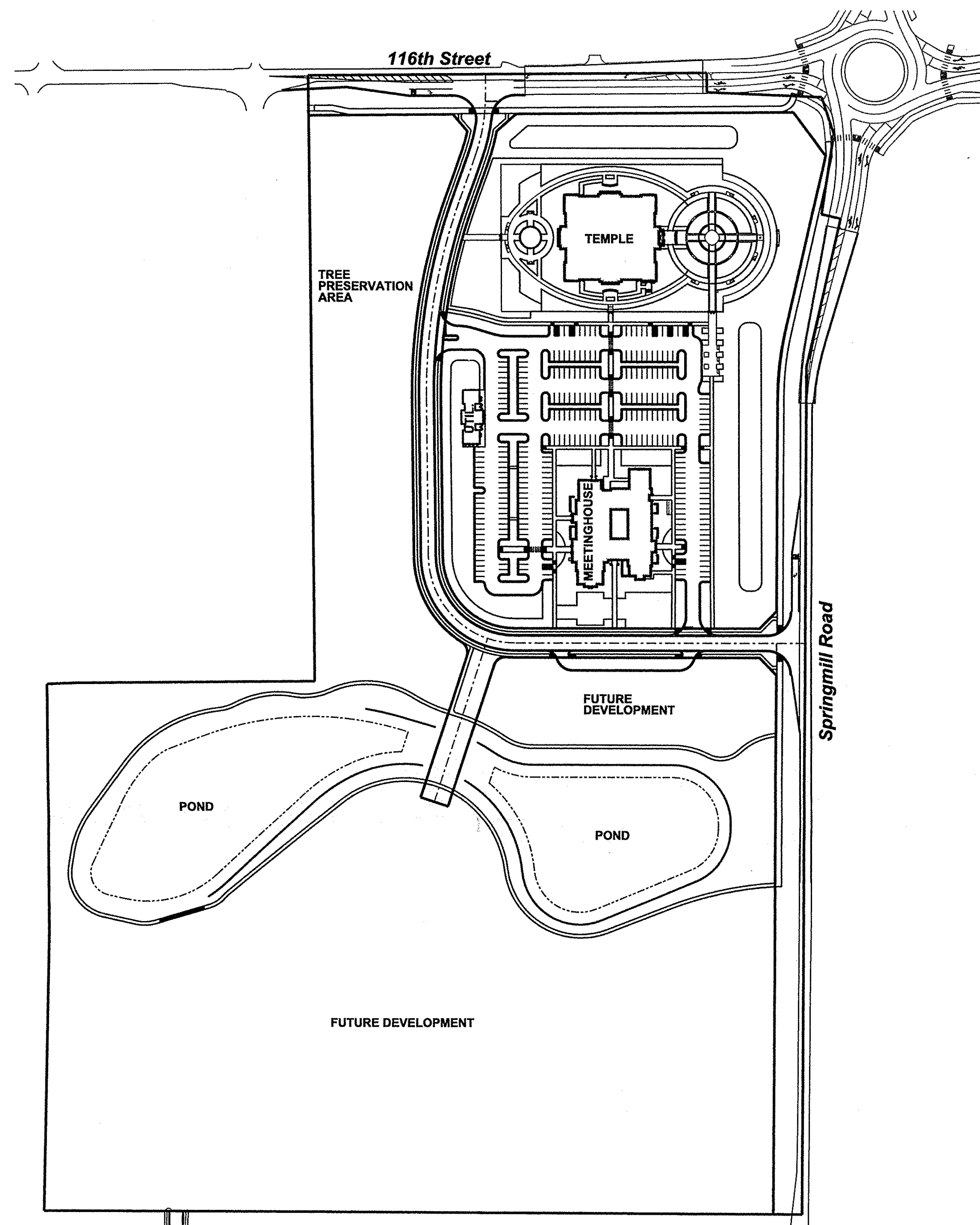
INDIANAPOLIS, INDIANA TEMPLE

E 1/2, NE 1/4, SEC.3 & NW 1/4, SEC.2 - T17N - R3E, CLAY TOWNSHIP, CARMEL, INDIANA
 PROJECT ADDRESS: TEMPLE-11565 TEMPLE DRIVE, MEETING HOUSE-11257 TEMPLE DRIVE
 CURRENT ZONING: S-2

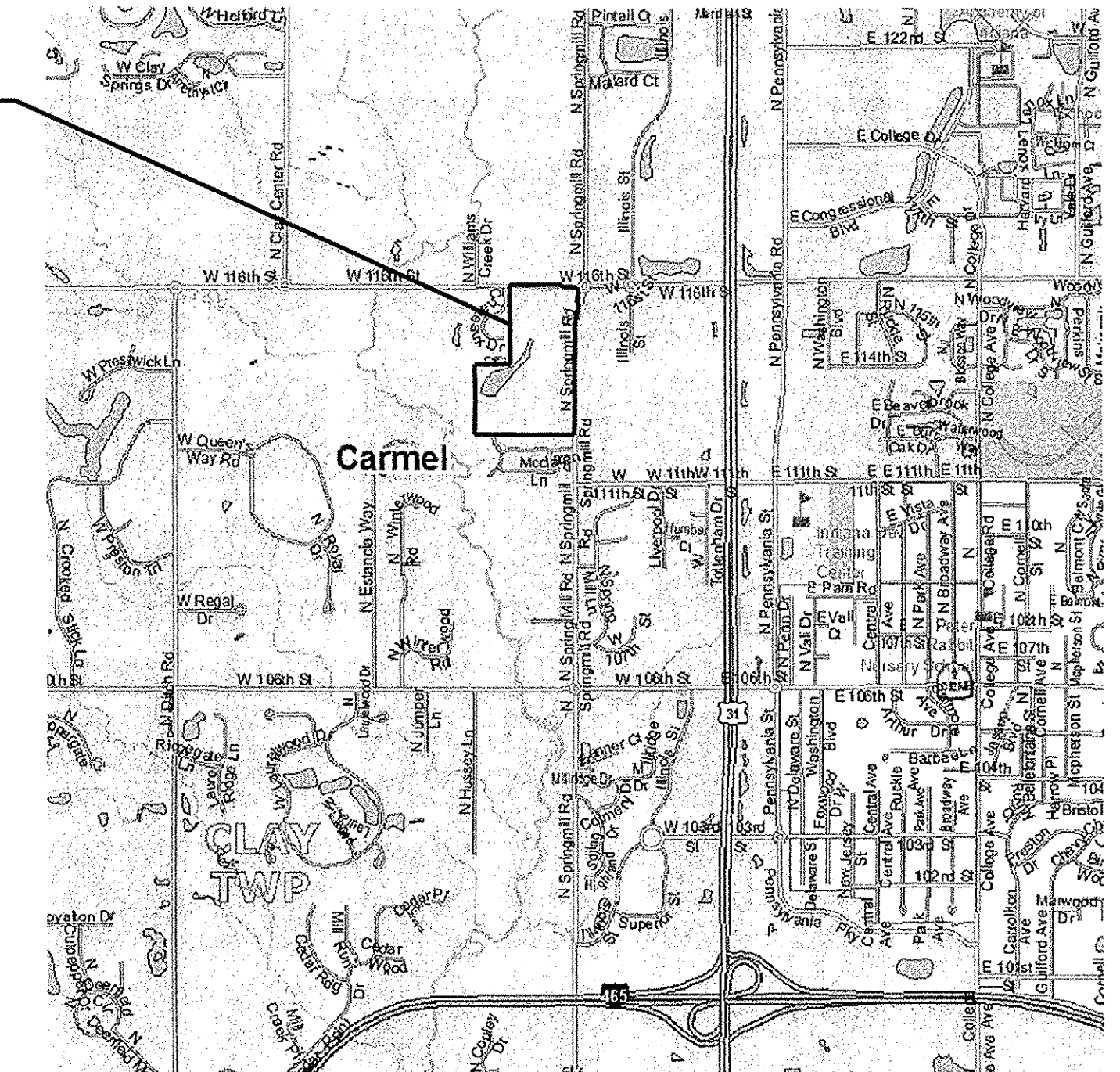


VICINITY MAP
NO SCALE

PROJECT LOCATION



SITE MAP
SCALE: 1"=150'



LOCATION MAP
NO SCALE

PROJECT LOCATION

OPERATING AUTHORITIES

- | | | |
|--|--|---|
| GAS
Vectren
P.O. Box 1700
Noblesville, IN, 46061
317-776-5532
317-776-5553
Joanie Clark | CABLE TELEVISION
Brighthouse Networks
3030 Roosevelt Ave.
Indianapolis, IN 46218
317-632-9077
317-632-5311 fax
Jason Kirkman | WATER
Carmel Water
3450 W. 131st Street
Westfield, IN 46074
317-733-2855
Steve Cook |
| ELECTRIC
Indianapolis Power & Light
1230 W. Morris Street
Indianapolis, IN 46221
317-261-5497
317-261-5201 fax
Dan Davenport | STORM
Carmel Department of Engineering
Carmel City Hall, First Floor
One Civic Square
Carmel, IN 46032
317-571-2441
317-571-2439 fax
Michael McBride, P.E. | TELEPHONE
AT&T
5858 N. College Ave.
Indianapolis, IN 46220
317-252-4275
Steve Krebs |
| SANITARY
Clay Township Regional Sewer District
10701 North College Ave., Ste. A
Indianapolis, IN 46280
317-844-9200
317-844-9203 Fax
Ryan Hartman | FIRE DEPARTMENT
Carmel Fire Department
Office of Fire Chief, Fire Station #1
Two Civic Square
Carmel, IN 46032
317-571-2600
317-571-2615 fax
Chris Ellison | SCHOOL DISTRICT
Carmel Clay Schools
5185 E. Main Street
Carmel, IN 46033
317-844-9961
317-571-4089
Ron Farrand |



SOILS MAP
NO SCALE

SOILS DESCRIPTIONS

- Br Brookston silt loam (0-2% slopes)
- CrA Crosby silt loam (0-3% slopes)
- HeF Hennespin loam (25-50% slopes)
- MmB2 Miami silt loam (2-6% slopes, eroded)
- MoC3 Miami clay loam (6-12% slopes, severely eroded)

STREET NAME CHART

LINE	STREET NAME	STREET LENGTH	DESIGN SPEED
A	TEMPLE DRIVE	1588'	30 MPH

NUMBER	DESCRIPTION	DATE
	REVISED PER CITY OF CARMELS COMMENTS	07-23-12
	REVISED PER CITY OF CARMELS COMMENTS	09-21-12
	REVISED PER CITY OF CARMEL WATER COMMENTS	10-02-12
	REVISED PER CITY OF CARMELS COMMENTS	10-19-12
	CARMEL APPROVED	11-15-12
	CONFORMANCE DOCUMENTS	12-12-12

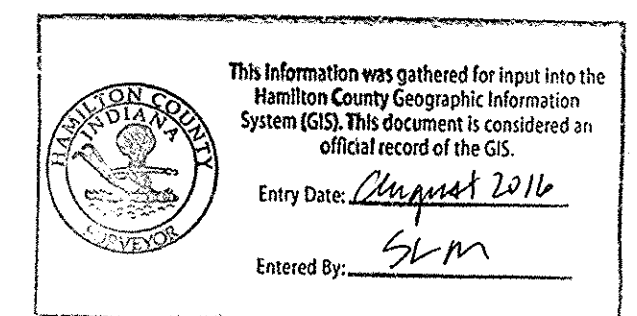
SHEET INDEX	
SHEET NO	DESCRIPTION
C100	TITLE SHEET
C101	EXISTING TOPOGRAPHY / DEMOLITION PLAN
C102	OVERALL & PEDESTRIAN CIRCULATION PLAN
C103 - C104	SITE LAYOUT PLAN
C200 - C202	GRADING AND DRAINAGE PLAN
C203	TEMPLE DETAIL GRADING PLAN
C204 - C205	STREET PLAN AND PROFILES
C206, .1 & C207	ENTRANCE PLANS
C208	INTERSECTION DETAILS
C209	FLOOD ROUTING PLAN
C300	UTILITY PLAN
C301	SANITARY SEWER PLAN AND PROFILE
C302 - C304	STORM SEWER PLAN AND PROFILE
C305	WATER MAIN PLAN
C400 - C401	INITIAL EROSION CONTROL PLAN
C402 - C403	FINAL EROSION CONTROL PLAN
C404	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
C500	EROSION CONTROL DETAILS
C501	STREET DETAILS
C502	SANITARY SEWER DETAILS
C503, .1 & .2	STORM SEWER DETAILS
C504	WATER MAIN DETAILS
C506	POND DETAILS - SHEET C505 OMITTED
C507	MISCELLANEOUS DETAILS
C508	CURB AND PAVING SPECIFICATIONS

PLANS PREPARED FOR:
 MHTN ARCHITECTS, INC.
 420 E. SOUTH TEMPLE ST., SUITE 100
 SALT LAKE CITY, UT 84111
 801-595-6700
 801-595-6717 fax
 CONTACT: DAVE FETZER

PLANS PREPARED BY:
BANNING ENGINEERING
 853 COLUMBIA ROAD, SUITE #101
 PLAINFIELD, IN 46168
 BUS: (317) 707-3700, FAX: (317) 707-3800
 E-MAIL: Banning@BanningEngineering.com
 WEB: www.BanningEngineering.com
 CONTACT: RYAN LINDLEY

RECORD DRAWINGS

As-built information for sanitary and storm sewers rims is based upon above ground evidence of the existing sanitary and storm sewer systems. The strike through data shown on the sanitary and storm sewers are the proposed elevations for all the structures to be placed. Said information has been replaced by the as-built information per elevations collected in the field December 27, 2013.



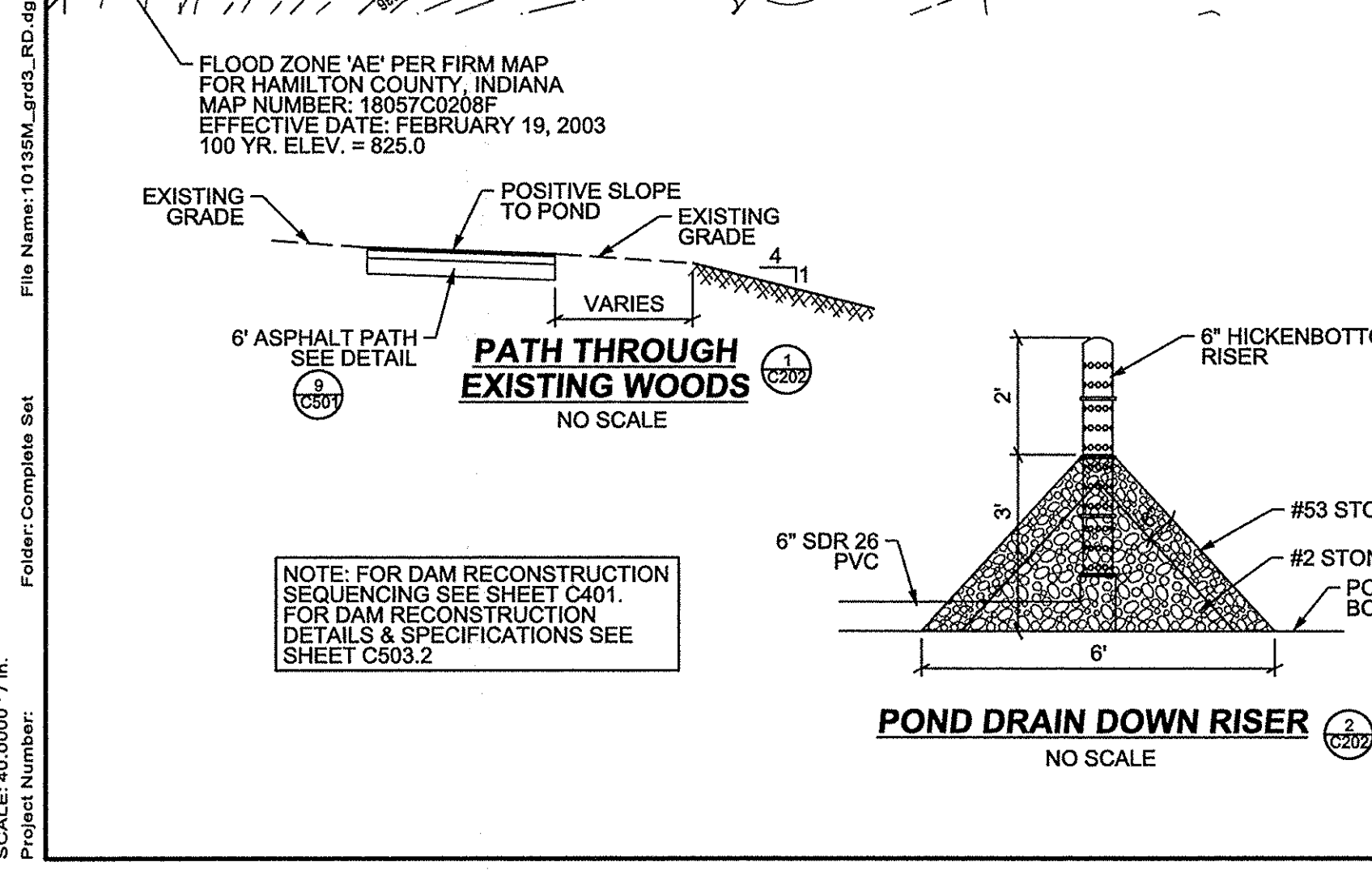
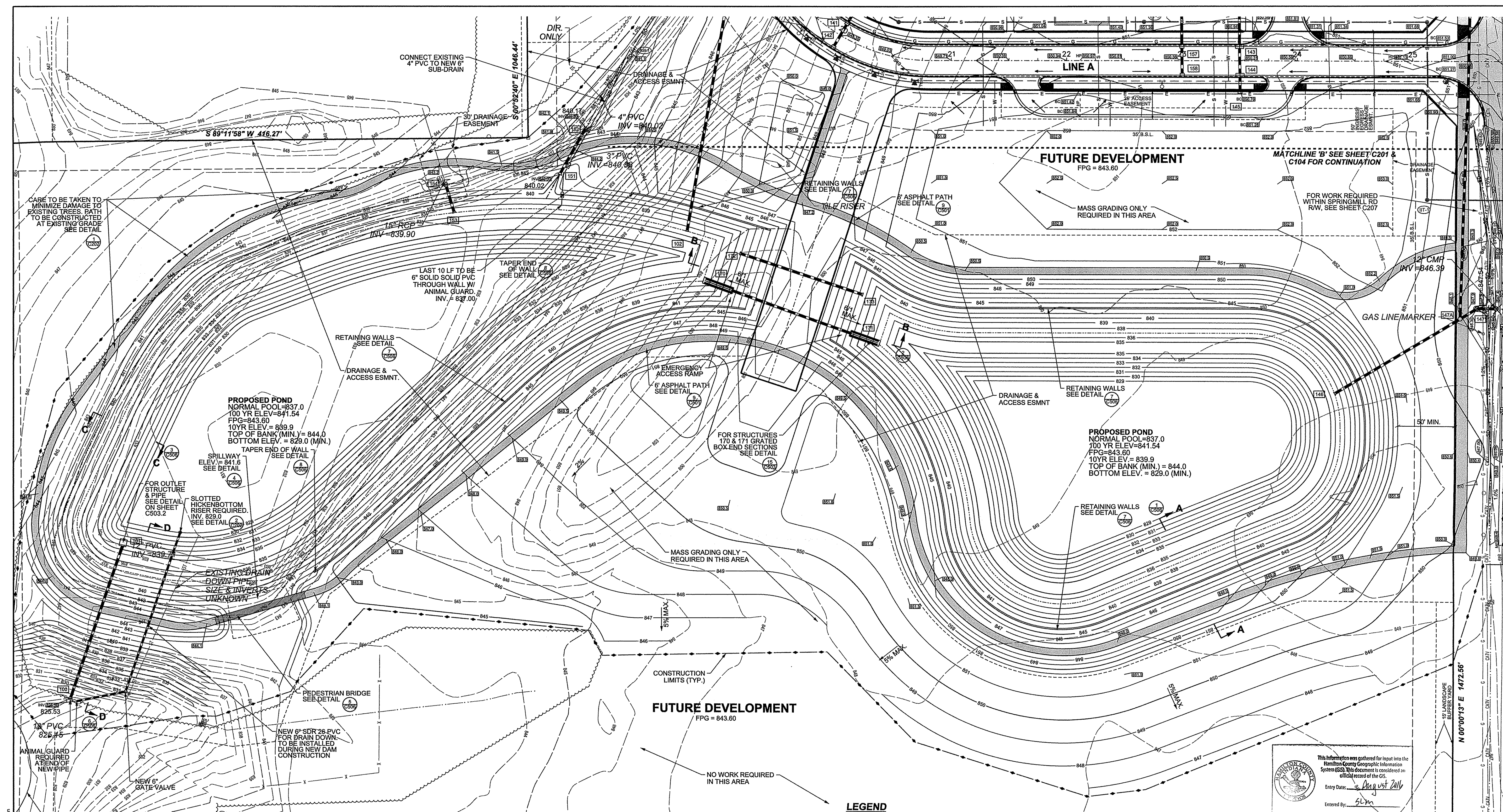
CERTIFIED BY: *Jeffrey A. Banning*

DATE: 11-15-12

Sheet No:
C100

RECORD DRAWINGS
INDIANAPOLIS, INDIANA TEMPLE / PROJECT NO. 10135M





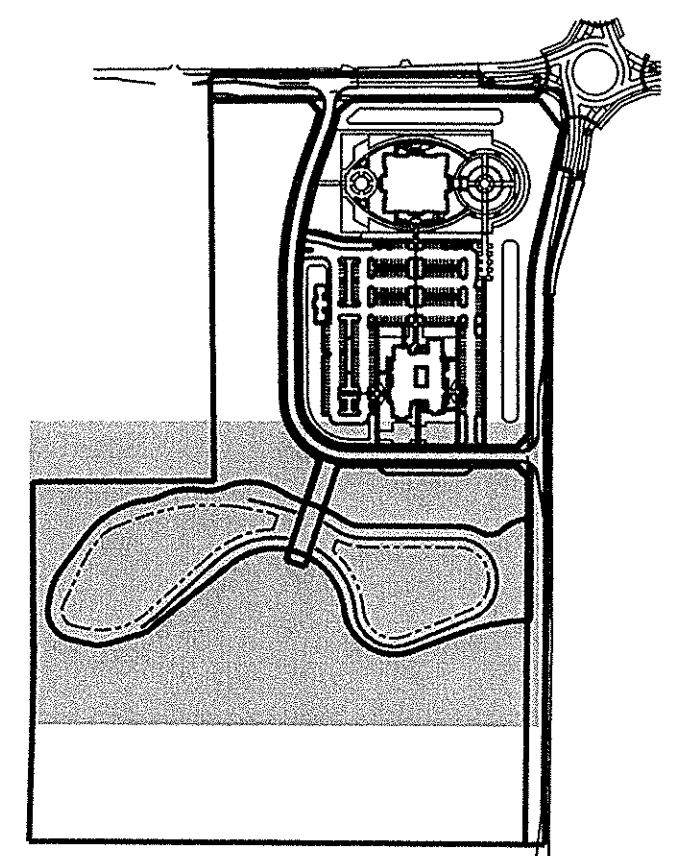
MINIMUM FLOOD PROTECTION GRADE DEFINITION
All buildings shall have a minimum flood protection grade shown on the secondary plat. Minimum Flood Protection Grade of all structures fronting a pond or open ditch shall be no less than 2 feet above any adjacent 100-year local or regional flood elevations, whichever is greater, for all windows, doors, pipe entrances, window wells, and any other structure member where floodwaters can enter a building.

NOTES FOR FUTURE AREAS
The Minimum Flood Protection Grade for all structures adjacent to a pond or open ditch shall be no less than 2 feet above any adjacent 100-year local or regional flood elevations, whichever is greater, for all windows, doors, pipe entrances, window wells, and any other structure member where floodwaters can enter a building.

- LEGEND**
- | | |
|----------------------------------|----------------------------|
| EXISTING | PROPOSED |
| — G — UNDERGROUND GAS LINE | — S — SANITARY SEWER |
| — T — UNDERGROUND TELEPHONE LINE | — SW — STORM SEWER |
| — CAV — UNDERGROUND CABLE LINE | — W — WATERMAIN |
| — E — UNDERGROUND ELECTRIC LINE | — E — ELECTRIC SERVICE |
| — S — SANITARY SEWER PIPE | — G — GAS SERVICE |
| — SI — STORM SEWER PIPE | — CL — CONSTRUCTION LIMITS |
| — X — FENCE LINE | ● — SANITARY MH |
| — OE — OVERHEAD UTILITY LINE | ○ — STORM MANHOLE |
| — TL — TREE LINE | □ — STORM INLET |
| — EP — EXISTING POWER POLE | ⑭ — SANITARY STRUCTURE NO. |
| — SB — SOIL BORING | ⑩ — STORM STRUCTURE NO. |
| — MB — MAILBOX | — FH — FIRE HYDRANT |
| — TSB — TELEPHONE SPLICE BOX | — SP — SPOT GRADE |
| — GLM — GAS LINE MARKER | — DF — DRAINAGE FLOW |
| — FH — FIRE HYDRANT | — DN — DETAIL NUMBER |
| — S — SIGN | — SF — SHEET FOUND |
| — GV — GAS VALVE | |
| — RLP — REGULAR LIGHT POLE | |
| — SM — SANITARY MANHOLE | |

STORM DRAINAGE STRUCTURES LOCATED WITHIN PROPOSED R/W OR EASEMENTS SHALL BE PUBLIC. ALL OTHERS STORM DRAINAGE STRUCTURES SHALL BE PRIVATE.

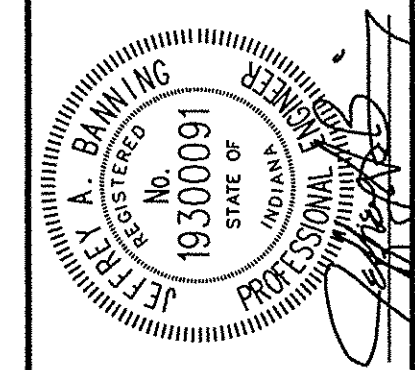
DRAINAGE SUMMARY
SITE ACREAGE = 48.95+ AC.
OFF-SITE ACREAGE = 49.1+ AC.
ALLOWABLE 10YR RELEASE RATE = 3.66 CFS
ALLOWABLE 100YR RELEASE RATE = 10.98 CFS
10YR RELEASE = 3.60 CFS
100YR RELEASE = 10.81 CFS
DETENTION REQUIRED = 18.7 AC*FT
DETENTION PROVIDED = 18.7 AC*FT



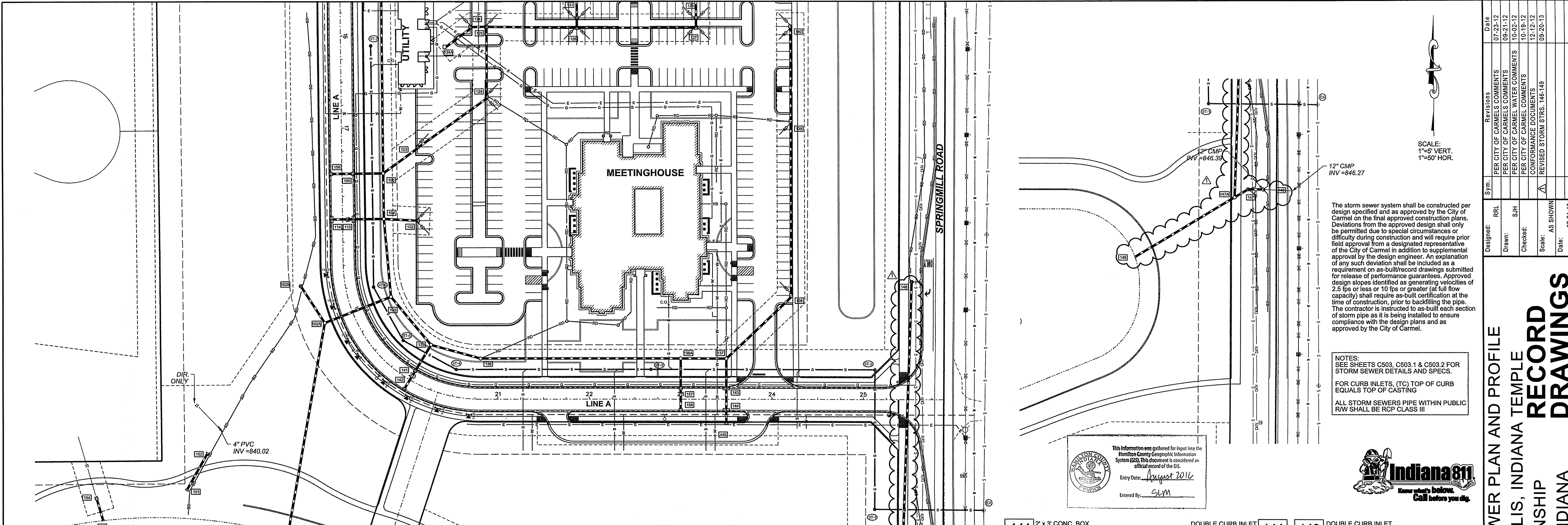
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: August 2016
Entered By: SLM

Date	07-23-12
Drawn	RRL
Checked	SIH
Scale	1"=40'
Date	07-31-12

POND GRADING AND DRAINAGE PLAN
INDIANAPOLIS, INDIANA TEMPLE
CLAY TOWNSHIP
CARMEL, INDIANA



BANNING ENGINEERING
853 COLUMBIA ROAD, SUITE #101
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BUS: (317) 707-3700, FAX: (317) 707-3800
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WEB: www.BanningEngineering.com

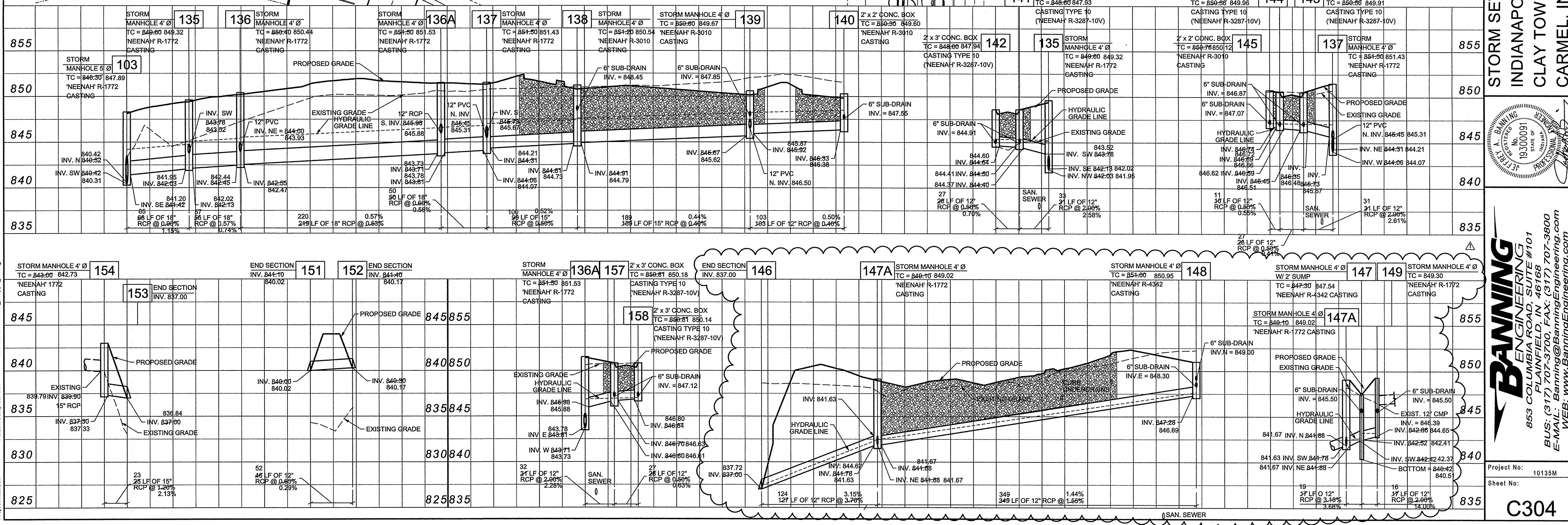


SCALE:
1"=5' VERT.
1"=50' HOR.

The storm sewer system shall be constructed per design specified and as approved by the City of Carmel on the final approved construction plans. Deviations from the approved design shall only be permitted due to special circumstances or difficulty during construction and will require prior field approval from a designated representative of the City of Carmel in addition to supplemental approval by the design engineer. An explanation of any such deviation shall be included as a requirement on as-built/record drawings submitted for release of performance guarantees. Approved design slopes identified as generating velocities of 2.5 fps or less or 10 fps or greater (at full flow capacity) shall require as-built certification at the time of construction, prior to backfilling the pipe. The contractor is instructed to as-built each section of storm pipe as it is being installed to ensure compliance with the design plans and as approved by the City of Carmel.

NOTES:
SEE SHEETS C503, C503.1 & C503.2 FOR STORM SEWER DETAILS AND SPECS.
FOR CURB INLETS, (TC) TOP OF CURB EQUALS TOP OF CASTING
ALL STORM SEWERS PIPE WITHIN PUBLIC R/W SHALL BE RCP CLASS III

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Entry Date: August 2016
Entered By: SLM



STORM SEWER PLAN AND PROFILE
INDIANAPOLIS, INDIANA TEMPLE
CLAY TOWNSHIP
CARMEL, INDIANA

BANNING ENGINEERING
853 COLUMBIA ROAD, SUITE #101
PLAINFIELD, IN 46168
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E-MAIL: Banning@BanningEngineering.com
WEB: www.BanningEngineering.com

Project No: 10135M
Sheet No: C304

Date	Revisions
07-23-12	PER CITY OF CARMEL COMMENTS
09-21-12	PER CITY OF CARMEL COMMENTS
10-02-12	PER CITY OF CARMEL COMMENTS
10-19-12	PER CITY OF CARMEL COMMENTS
12-12-12	CONFORMANCE DOCUMENTS
09-20-13	REVISED STORM STRS. 146-149

Designed: RRL
Drawn: SJH
Checked: [Signature]
Scale: AS SHOWN
Date: 07-31-12

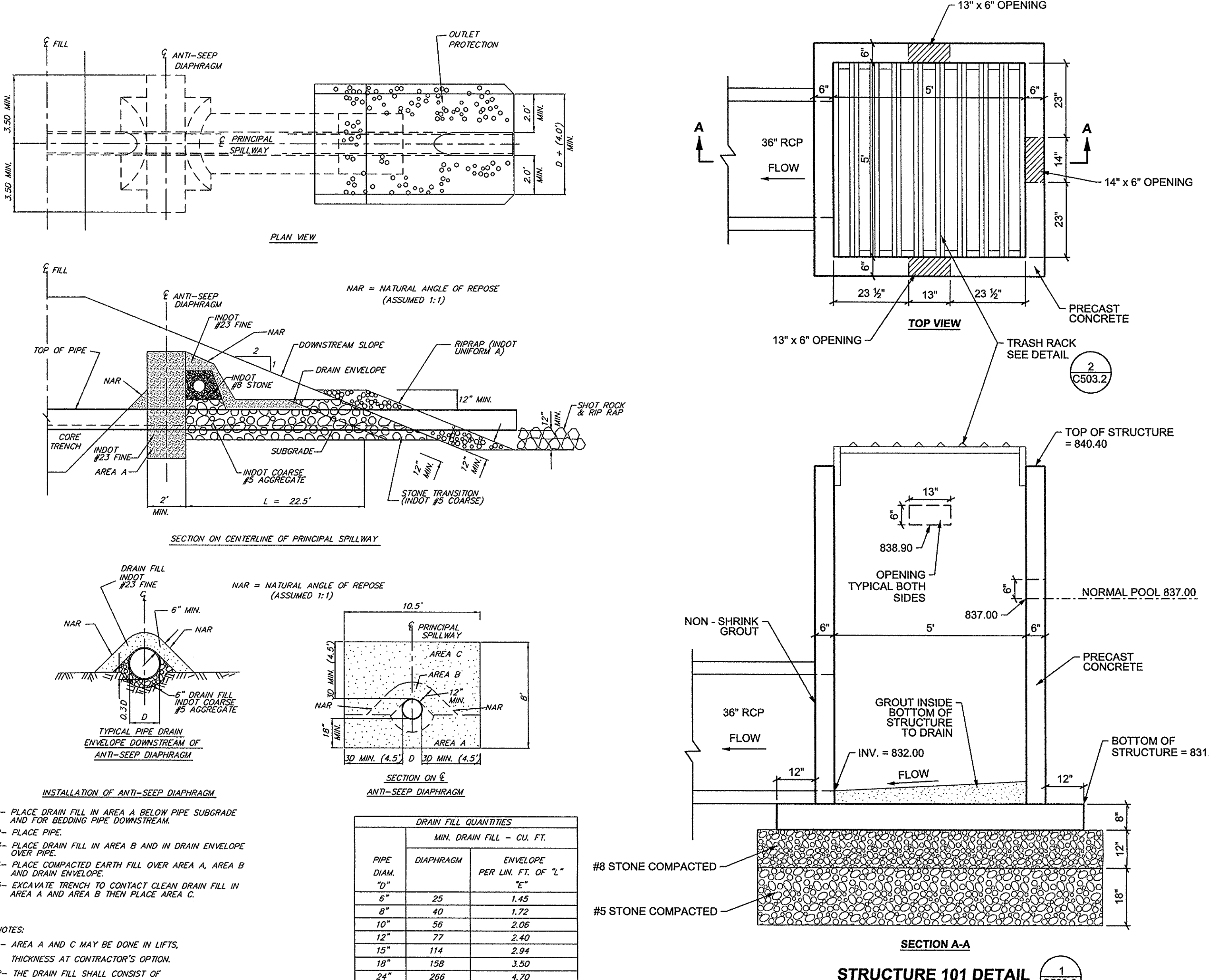
08/11/2016 SCALE: 60.0000' / in. Project Number: Folder: Complete Set File Name: 10135M_Amp33_RD.dgn This copy printed from Digital Archive of the Hamilton County Surveyor's Office, One Hamilton Co. Square, Ste., Noblesville, IN 46060

STORM SEWER STRUCTURE DATA TABLE

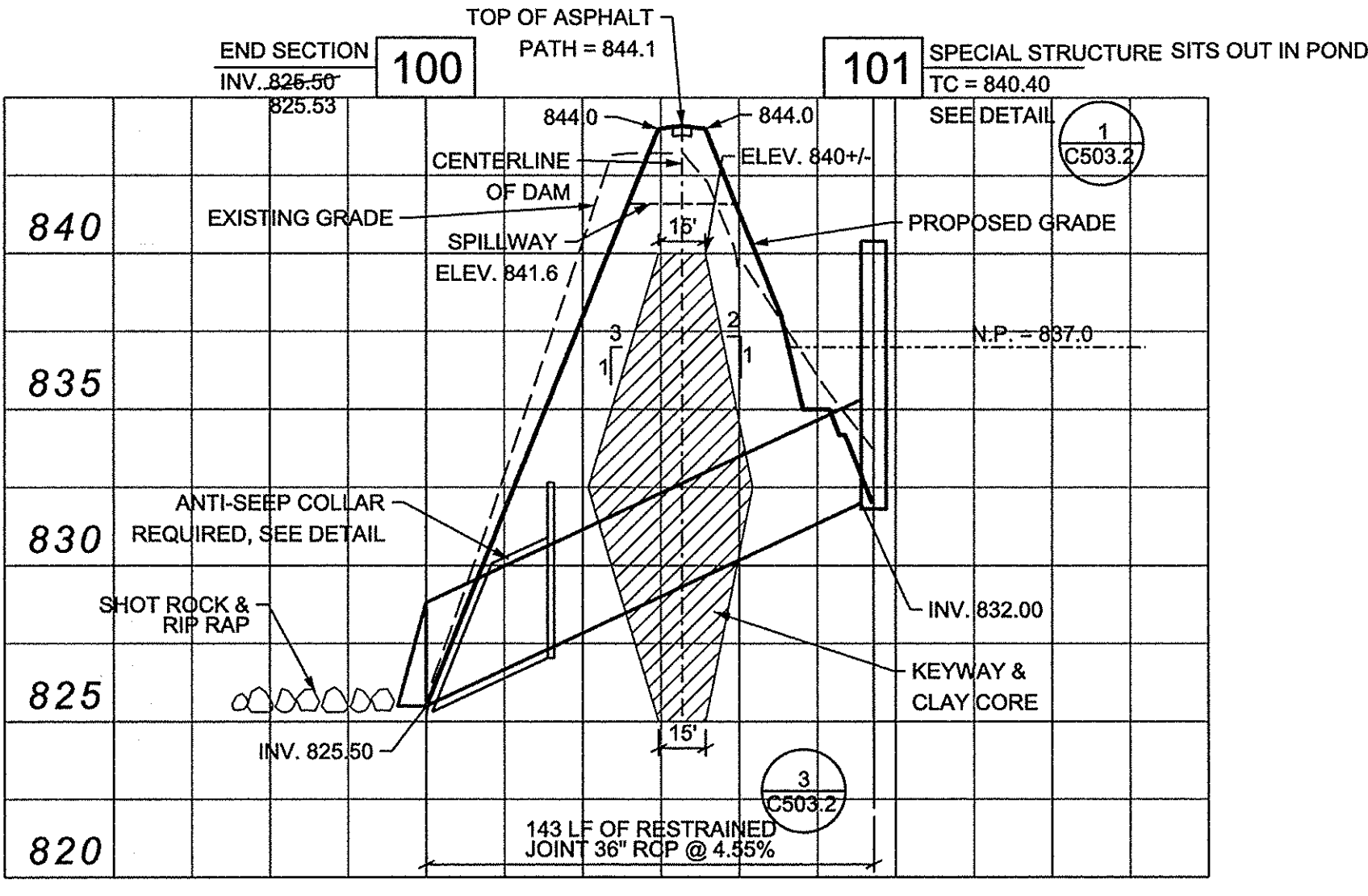
Structure #	Up Stream Str. #	Down Stream Str. #	Top of Casting Elevation	Invert	Invert	Invert	Pipe Length	Pipe size	Pipe Material	Structure Type	Notes
100	101		825.53				143'	36"	RCP	End Section	
101		100								4x4 Box	Detail on sheet C503.2
102	102A		836.96				235	30"	RCP	End Section	
102A	103 & 102B	102	846.80	839.58	839.64	839.61	79	30"	RCP	5' Ø MH	6.25' sump w/ Snout
103	104 & 135	102A	847.89	840.42	841.20	840.31	84	30"	RCP	5' Ø MH	
104	105, 113 & 122	103	847.17	840.94	841.54	842.36	49	30"	RCP	5' Ø MH	
105	105A, 123 & 155	104	847.68	841.55	842.47	842.14	193	30"	RCP	6' Ø MH	
105A	106	105	850.08	842.04	841.98		151	30"	RCP	5' Ø MH	
106	107, 115 & 130	105A	851.66	842.70	845.75	843.83	365	30"	RCP	5' Ø MH	
107	108 & 160	106	853.60	843.85	844.90	843.35	111	24"	RCP	5' Ø MH	
108	109 & 700	107	853.52	844.22	848.60	844.48	116	24"	RCP	4' Ø MH	
109	109A & 701	108	852.83	844.65	848.16	844.63	103	24"	RCP	4' Ø MH	
109A	110 & 702	109	852.52	845.07	847.90	845.07	79	24"	RCP	4' Ø MH	
110	111	109A	853.06	845.76	848.81	845.29	126	18"	RCP	4' Ø MH	
111	112	110	852.87	846.34	846.11	848.63	182	15"	RCP	4' Ø MH	
112		111	850.56	847.04						2x2 Box	
113	114	104	845.35	84.80	841.80		27	12"	RCP	Double Curb Inlet	Detail on Sheet C503
114		113	845.51	842.23						Double Curb Inlet	Detail on Sheet C503
115	116	106	850.66	847.13	847.13		27	12"	RCP	2x3 Box	
116		115	850.63	847.42						2x3 Box	
122		104	848.34	844.60			37	12"	RCP	2x2 Box	
123	124	105	848.29	843.04	843.01		93	18"	RCP	4' Ø MH	
124	125	123	849.90	843.98	843.92	845.10	79	18"	RCP	4' Ø MH	
125	126 & 134	124	849.13	844.50	844.86	844.50	100	18"	RCP	4' Ø MH	
126	127 & 131	125	850.05	845.23	845.22	845.15	130	15"	RCP	4' Ø MH	
127	128	126	849.97	845.43	846.33		8	12"	RCP	2x2 Box	
128	129	127	850.01	846.61			73	12"	RCP	2x2 Box	
129		128	851.18	847.38						2x2 Box	
130		106	852.93	844.44	844.61	844.61	61	12"	RCP	4' Ø MH	
131	132	126	850.05	848.18	846.18		8	12"	RCP	2x2 Box	
132		131	851.32	847.46			73	12"	RCP	2x2 Box	
134	134A	125	849.23	845.43	485.33		15	12"	RCP	2x2 Box	
134A		134	844.94	846.12			36	12"	RCP	2x2 Box	
135	136 & 141	103	849.32	842.02	843.52	841.95	65	18"	RCP	4' Ø MH	
136	136A	135	850.44	842.47	842.44		57	18"	RCP	4' Ø MH	
136A	137 & 157	136	851.53	843.78	845.88	843.73	220	18"	RCP	4' Ø MH	
137	138 & 143	136A	851.43	844.64	845.67	844.07	50	18"	RCP	4' Ø MH	
138	139	137	850.54	844.79	844.73		100	15"	RCP	4' Ø MH	
139	140	138	849.67	845.67	845.62		189	15"	RCP	4' Ø MH	
140		139	849.60	846.38			103	12"	RCP	2x2 Box	
141	142	135	847.93	844.41	844.37		33	12"	RCP	2x3 Box	
142		141	847.94	849.80			27	12"	RCP	2x3 Box	
143	144	137	849.91	846.51	846.46		31	12"	RCP	Double Curb Inlet	
144	145	143	849.96	846.66	846.62		27	12"	RCP	Double Curb Inlet	
145		144	850.12	846.72			11	12"	RCP	2x2 Box	
146	147A		837.32				124	12"	RCP	End Section	
147A	148 & 147	146	847.54	842.41	842.31		349	12"	RCP	4' Ø MH	2' Sump
148		147A	850.95	846.69						4' Ø MH	
149		147	849.33	844.65			16	12"	RCP	4' Ø MH	
151	152	151	840.02				52	12"	RCP	End Section	
152			840.17							End Section	
153	154	153	836.84				23	15"	RCP	End Section	
154		153	842.73	837.33						4' Ø MH	
155	156	105	845.84	842.34	842.34		33	12"	RCP	2x3 Box	
156		155	845.90	842.78			27	12"	RCP	2x3 Box	
157	136A	158	850.18	846.61	846.63		32	12"	RCP	2x3 Box	
158		157	850.14	846.80			27	12"	RCP	2x3 Box	
160	161 & 166	107	853.07	845.50	845.47	845.46	115	18"	RCP	4' Ø MH	
161	162 & 165	160	852.65	845.97	847.40	845.87	117	18"	RCP	4' Ø MH	
162	163	161	850.81	846.71	846.66		68	18"	RCP	4' Ø MH	
163	164	162	852.15	849.10	848.15		22	18"	RCP	2x3 Box	
164		163	850.01				36	15"	RCP	End Section	
165		161	851.89	847.92			14	12"	RCP	Double Curb Inlet	
166		160	852.44	848.79			7	12"	RCP	2x3 Box	
170	171		837.07				159	36"	RCP	Special End Sec.	Detail on Sheet C503
171		170	837.23				159	36"	RCP	Special End Sec.	Detail on Sheet C503
102B	102A		842.28	840.18			47	12"	RCP	2x2 Box	

UNDERDRAIN TABLE

Structure #	Length	Invert Up	Invert Up	Invert Down
112	295'	852.00		848.50
113	238'	842.98	844.91	842.61
114	263'	842.98	844.91	842.61
115	408'	849.83		847.73
116	313'	848.88		847.73
122	20' (2)	846.30		846.20
123	20'	846.65		846.55
124	20' (2)	848.05		847.95
125	20'	847.55		847.15
126	20' (2)	848.00		847.90
127	20' (2)	848.00		847.90
128	20' (2)	848.00		847.00
129	20' (2)	850.01		849.91
131	20' (2)	848.00		847.90
132	20' (2)	850.01		849.91
134	20'	847.25		847.15
138	20'	848.55		848.45
139	20'	847.95		847.85
140	20' (2)	847.65		847.55
141	205'	847.70		844.91
142	221'	847.70		844.81
143	287'	849.07		846.87
144	288'	847.63		846.87
145	225'	847.13	847.58	847.07
147	262'	847.00	846.60	845.30
148	682'	852.00	848.30	849.00
149	292'	849.83	846.09	845.50
155	349'	847.73		842.98
156	353'	847.73		842.98
157	88'	847.70		847.12
158	88'	847.70		847.12
163	107'	848.80		848.43
165	187'	848.43	848.88	848.16
166	78'	849.72		848.88



NOTE: DAM RECONSTRUCTION SHALL BE 6" MAX. LIFTS MEETING 95% PROCTOR COMPACTION



08/13/2015
 SCALE: 1"=60' VERT.
 1"=60' HOR.

STORM SEWER DETAILS
INDIANAPOLIS, INDIANA TEMPLE
CLAY TOWNSHIP
CARMEL, INDIANA

BANNING ENGINEERING
 853 COLUMBIA ROAD, SUITE #101
 PLAINFIELD, IN 46168
 BUS: (317) 707-3700, FAX: (317) 707-3800
 E-MAIL: Banning@BanningEngineering.com
 WEB: www.BanningEngineering.com

Project No: 10135M
 Sheet No: C503.2

Revisions:
 07-23-12 PER CITY OF CARMEL COMMENTS
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Designed: RRL
 Drawn: SJH
 Checked:
 Scale: NONE
 Date: 07-31-12

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