

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

June 8, 2011

To: Hamilton County Drainage Board

Re: Wheeler & Wheeler Drain

Attached is a petition and plans for the proposed relocation of the Wheeler & Wheeler Drain. The relocation is being proposed by Noblesville Schools. The proposal is to relocate the drain on parcel 10-11-17-00-00-010.001 owned by Noblesville Schools and parcel 10-11-17-00-00-009.000 owned by Timberstone LLC, as part of the Noblesville Promise Road Elementary School project per plans by DeBoy Land Development Services, Project No. 29110G, revision date May 26, 2011. Per the plans, the existing Wheeler & Wheeler drain tile will be reconstructed in place with new pipe and will serve as the outlet for the school's detention system.

This line will consist of the following:

148' of 15" HDPE

904' of 18" HDPE

The total length of the new drain pipe shall be 1,052 feet. The 904 feet of original 1908 drain tile between Sta. 0+00 and 9+04 shall be replaced. This proposal will add 148 feet to the drain's total length. The school project will begin at the outlet of the detention area, Structure 02 per the attached plan, and connect to the J. W. Wheeler Drain pipe at a structure, legal drain structure -01 per the attached plan, approximately 33' south of the school's north property line. The detention area and other storm sewers located on the school site are not proposed to be part of the regulated drain.

The cost of the reconstruction is to be paid by Noblesville Schools. The developer has provided the surety as follows:

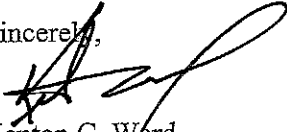
Name of Bonding Co.: Continental Casualty Company
Bond #: 92953977
Bond Date: June 9, 2011
Bond Amount: \$60,000

A Non-enforcement is not being submitted with this proposal since the drain tile is being replaced in the existing location. The easement for the new pipe will be the existing statutory easement as per IC 36-9-27-33.

It may be noted, that this drain may be petitioned to be relocated in the future as the adjoining parcels develop. This drain may be assessed to the Stony Creek Drain in the future.

The project falls under the requirements as set out in IC 36-9-27-52.0. Therefore, a hearing is required for the petition. I recommend that the Board set a hearing date for July 25, 2011.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/ilm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

_____ Noblesville School Corporation (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the _____ Wheeler & Wheeler _____ Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the _____ Wheeler & Wheeler _____ 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 _____ Wheeler & Wheeler _____ 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 _____ Wheeler & Wheeler _____ Drain, without cost to other property owners on the watershed of the _____ Wheeler & Wheeler _____ 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 _____ Wheeler & Wheeler _____ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.



Signed

JEFFREY D. BRAGG

Printed

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

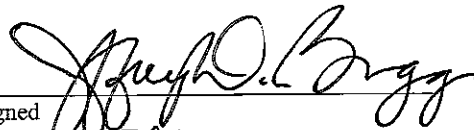
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WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the _____ Wheeler and Wheeler _____ Drain, in conformance with applicable law and plans and specifications on file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

Signed



Printed

Jeffrey D. Bragg 6.16.11

HCDB-2011-00018

APPROVED BY THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A312 (December 1984 Edition)



Performance Bond

Bond # 929523977

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
333 S. Wabash Avenue
Chicago IL 60604

OWNER (Name and Address)

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

CONSTRUCTION CONTRACT

Date: **June 9, 2011**

Amount: **\$60,000.00 and 00/100**-----(\$60,000.00)

Description (Name and Location): **Storm Drainage, 14900 Promise Road, Noblesville IN 46060**

BOND

Date (Not earlier than Construction Contract Date): **June 9, 2011**

Amount: **\$60,000.00 and 00/100**-----(\$60,000.00)

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, V.C.F.C.**

Signature:

Name and Title: **Deborah VanderVeen, 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 IN 46240
317-575-9999

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

CONFORMS TO AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A-312, DECEMBER 1984 EDITION.

1

C310

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:

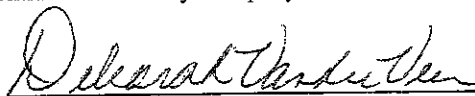
This bond will remain in full force and effect until all outstanding requirements of the Owner are resolved and the Owner releases the Bond. The requirements for release include storm sewer inspections and engineer's Certificate of Completion and Compliance being filed, as built or record drawings being submitted and accepted, and any other requirements of Surety release as outline in the Hamilton County Stormwater Management Technical Standards Manual.

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

CONTRACTOR AS PRINCIPAL
Company: Shiel Sexton Company, Inc.

Signature: _____
Name and Title:

SURETY
Company: Continental Casualty Company

Signature: 
Name and Title: Deborah VanderVeen, Attorney-in-Fact

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, Gerald F O'Connor, Thomas A Flynn, Fred Eickhoff, Deborah Vander Veen, Margaret H Guilfooy, Mary Robinson, Benita J Mitten, 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 21st day of January, 2011.



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

Signature of Stathy Darcy
Stathy Darcy Senior Vice President

State of Illinois, County of Cook, ss:

On this 21st day of January, 2011, 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 of 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 2 day of June 2011.



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

Signature of Mary A. Ribikawskis
Mary A. Ribikawskis Assistant Secretary

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Wheeler & Wheeler Drain

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Wheeler & Wheeler Drain** came before the Hamilton County Drainage Board for hearing **on July 25, 2011**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

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

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

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

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


Wherefore, it is ORDERED, that the proposed Reconstruction of the **Wheeler & Wheeler Drain** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT



Member



Member

ATTEST:


Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Wheeler & Wheeler Drain, Reconstruction for Noblesville Schools

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Wheeler & Wheeler Drain, Reconstruction for Noblesville Schools** on **July 25, 2011, at 9:15 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

**IN THE MATTER OF Wheeler & Wheeler Drain, Reconstruction
for Noblesville Schools**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **July 25, 2011** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

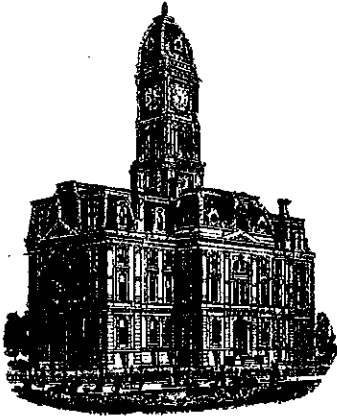
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven A. Holt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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 12, 2014

Re: Wheeler & Wheeler Drain – Noblesville Schools Relocation

Attached are as-builts, certificate of completion & compliance, and other information for the Noblesville Schools Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated June 8, 2011. The report was approved by the Board at the hearing held July 25, 2011. (See Drainage Board Minutes Book 13, Pages 486-487)

The changes are as follows:


The 904 feet of 18" HDPE was shortened to 745 feet. The 15" HDPE was shortened from 148 feet to 133 feet. It should be noted that 279 feet of this pipe was removed with the two Pond Expansions (Pond #3) for the Brighton Knoll Development. The length of the drain due to the changes described above is now **878 feet**.

A non-enforcement was not required for this project. The easement is the statutory 75 feet from the centerline of the tile as stated in the above mentioned report. The following surety were guaranteed by Continental Casualty Company and released by the Board on its September 22, 2014 meeting.

Bond-LC No: 92953977
Insured For: Storm Sewers
Amount: \$60,000
Issue Date: June 9, 2011

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

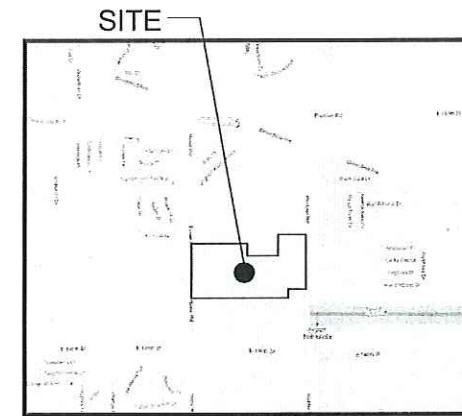
Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

SITE CONSTRUCTION PLANS FOR:



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

PROPOSED SITE
NOT TO SCALE

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: Sept 2014
Entered By: SLM

STORM SEWER AS-BUILT STATEMENT

As-Built information for storm sewer lines are based upon above ground evidence of the existing storm sewer system. The strike through data shown on the 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 on January 8, 2013.



Bryan J. Mall
Registered Land Surveyor No. 20500012

AS-BUILT



Promise Road Elementary School

14975 Promise Road, Noblesville, IN, 46060

SITE CONSTRUCTION PLANS

Noblesville Schools

1775 Field Drive Noblesville, Indiana 46060

Final Plans Submittal

SEPTEMBER 16, 2011

**SHIEL SEXTON
NOBLESVILLE
SCHOOLS
DESIGN-BUILD
TEAM**

FILED

JAN 13 2014

OFFICE OF HAMILTON COUNTY SURVEYOR



Designers Engineers Surveyors
501 S. 9th Street, Suite 100, Noblesville, IN, 46060
Phone: 317.770.1801 Fax: 317.770.1821
Toll Free: 1.888.801.8555



SHIEL SEXTON
NOBLESVILLE
SCHOOLS
DESIGN-BUILD
TEAM

SHEET INDEX

DETAIL SPECIFICATIONS ORDER OF PREFERENCE

1. CITY / TOWN STANDARD DRAWINGS AND SPECIFICATIONS.
2. COUNTY STANDARD DRAWINGS AND SPECIFICATIONS.
3. I.L.D.O.I. STANDARD DRAWINGS AND SPECIFICATIONS.
4. I.N.D.I.A. STANDARD DRAWINGS AND SPECIFICATIONS.
5. I.N. STATE STANDARDS
6. SITE ENGINEER'S STANDARD DRAWINGS AND SPECIFICATIONS.
7. ANY OTHER APPLICABLE STANDARD DRAWINGS AND SPECIFICATIONS.

NOTICE, PERMITS AND NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING ANY CONSTRUCTION.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING ANY CONSTRUCTION.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR NOTIFICATION AND COORDINATE OF ALL CONSTRUCTION FOR THE RESPECTIVE UTILITY COMPANIES, PRIOR TO STARTING ANY CONSTRUCTION.
4. ALL CONSTRUCTION ACTIVITY ON THIS SITE SHALL BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
5. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING THE MOST UPDATED SET OF CONSTRUCTION PLANS PRIOR TO COMMENCING CONSTRUCTION.
6. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT INFORMATION TO THE ENGINEERING/SURVEYING COMPANY UPON COMPLETION OF CONSTRUCTION.

NOTE:
IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO ACQUIRE ALL EASEMENTS AND APPROVALS REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT.
ANY ALTERATIONS TO THESE PLANS NOT AUTHORIZED BY DEBOY LAND DEVELOPMENT SERVICES AND NOT IN ACCORDANCE WITH THE PLANS AND RECORDS ON FILE AT THE DEBOY OFFICE SHALL RELIEVE DEBOY LAND DEVELOPMENT SERVICES OF RESPONSIBILITY FOR OVERALL ACCURACY OF THESE PLANS.

HOLEY MOLEY SAYS
"DIG SAFELY"



Know what's below.
Call before you dig.

811

PER INDIANA STATE LAW (38-1-26) IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE USER(S) OF LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

Sheet List Table

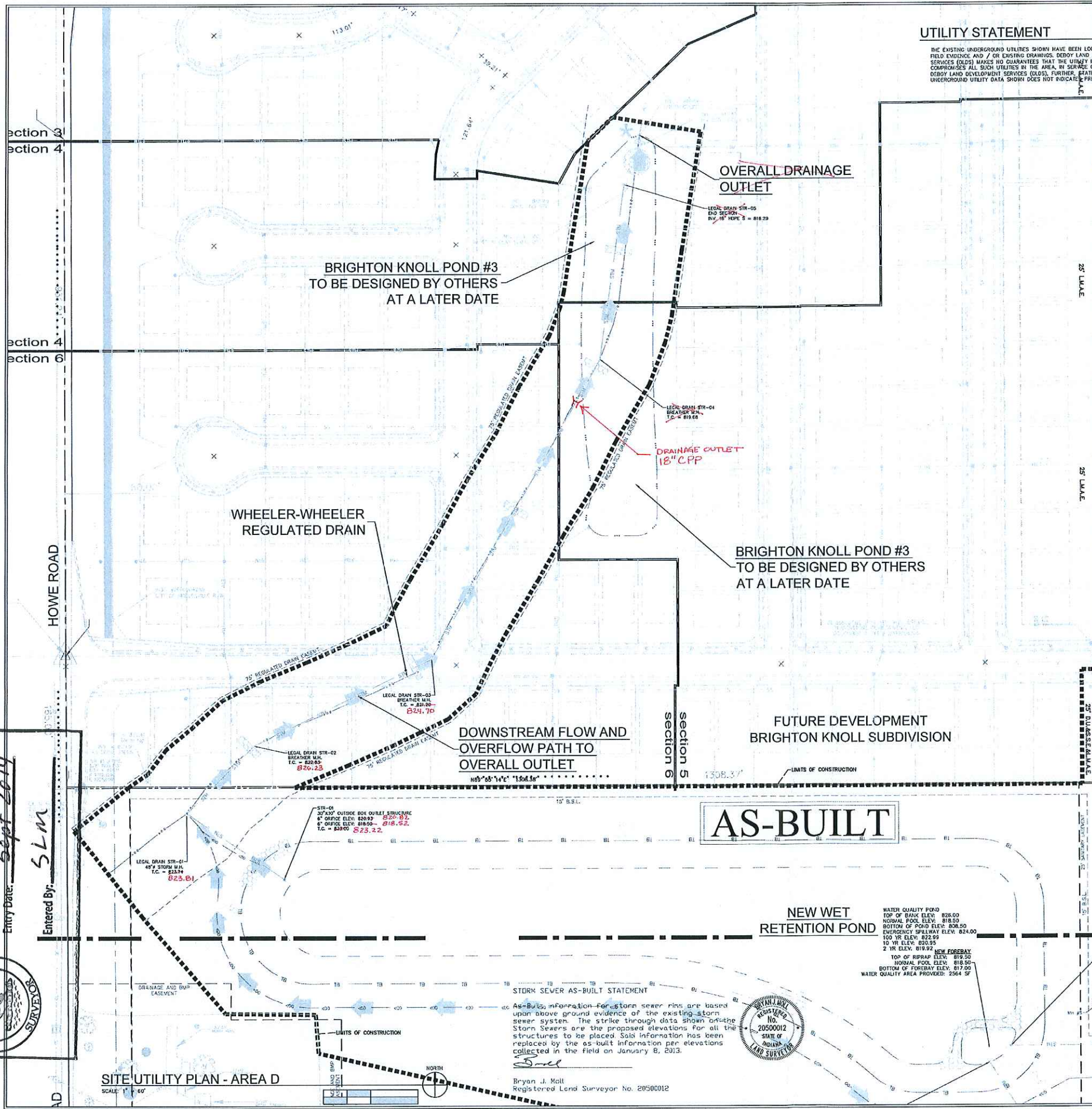
Sheet Number	Sheet Title
CS	COVER SHEET
SHEET 1	PROMISE ROAD ALTA SURVEY
SHEET 2	PROMISE ROAD ALTA SURVEY
SHEET 3 & 4	SECONDARY PLAT
C1.0	EXISTING CONDITIONS - DEMO PLAN - AREA A
C1.1	EXISTING CONDITIONS - DEMO PLAN - AREA B
C1.2	EXISTING CONDITIONS - DEMO PLAN - AREA C
C1.3	EXISTING CONDITIONS - DEMO PLAN - AREA D
C2.0	SITE PLAN - AREA A
C2.1	SITE PLAN - AREA B
C2.2	SITE PLAN - AREA C
C2.3	SITE PLAN - AREA D
C2.4	ENLARGED SITE PLAN
C3.0	INITIAL EARTHWORK GRADING PLAN - AREA A
C3.1	INITIAL EARTHWORK GRADING PLAN - AREA B
C3.2	INITIAL EARTHWORK GRADING PLAN - AREA C
C3.4	INITIAL EARTHWORK GRADING PLAN - AREA D
C3.5	SITE GRADING PLAN - AREA A
C3.6	SITE GRADING PLAN - AREA B
C3.7	SITE GRADING PLAN - AREA C
C3.8	SITE GRADING PLAN - AREA D
C3.9	ENLARGED SITE GRADING PLAN
C3.10	ENLARGED SITE GRADING PLAN
C3.11	POND EAST - WEST PLAN AND PROFILE
C3.12	POND NORTH - WEST PLAN AND PROFILE
C4.0	SITE UTILITY PLAN - AREA A
C4.1	SITE UTILITY PLAN - AREA B
C4.2	SITE UTILITY PLAN - AREA C
C4.3	SITE UTILITY PLAN - AREA D
C4.4	ENLARGED SITE UTILITY PLAN
C4.5	STORM PLAN AND PROFILE
C4.6	STORM PLAN AND PROFILE
C4.7	STORM PLAN AND PROFILE
C4.8	STORM PLAN AND PROFILE
C4.9	STORM PLAN AND PROFILE
C4.10	STORM PLAN AND PROFILE
C4.11	STORM PLAN AND PROFILE
C4.12	STORM PLAN AND PROFILE
C4.13	STORM PLAN AND PROFILE
C4.14	STORM PLAN AND PROFILE
C4.15	STORM STRUCTURE DATA TABLES

SHEET 1	FINAL AS-BUILT EARTHWORK - TOPOGRAPHIC SURVEY	L146	OVERALL SITE KEY PLAN
SHEET 2	SANITARY SEWER EXTENSION - PLAN AND PROFILE	L101	OVERALL SITE KEY PLAN
SHEET 3	SANITARY SEWER EXTENSION - PLAN AND PROFILE	L200	SITE LANDSCAPE PLAN
SHEET 4	SANITARY SEWER EXTENSION - BEDDING DETAILS AND NOTES	L201	SITE LANDSCAPE PLAN
SHEET 5	SANITARY SEWER EXTENSION - BEDDING DETAILS AND NOTES	L202	POND EDGE PLANTING PLAN
SHEET 6	SANITARY SEWER EXTENSION - DETAILS AND NOTES	L203	ENLARGED PLANS
C6.0	INITIAL EARTHWORK-STORM WATER POLLUTION PREVENTION PLAN-AREA A	L300	PLAYTING DETAILS
C6.1	INITIAL EARTHWORK-STORM WATER POLLUTION PREVENTION PLAN-AREA B	L500	HARDSCAPE DETAILS
C6.2	INITIAL EARTHWORK-STORM WATER POLLUTION PREVENTION PLAN-AREA C		
C6.3	INITIAL EARTHWORK-STORM WATER POLLUTION PREVENTION PLAN-AREA D		
C6.4	STORMWATER POLLUTION PREVENTION PLAN - AREA A		
C6.5	STORMWATER POLLUTION PREVENTION PLAN - AREA B		
C6.6	STORMWATER POLLUTION PREVENTION PLAN - AREA C		
C6.7	STORMWATER POLLUTION PREVENTION PLAN - AREA D		
C7.0	STORMWATER POLLUTION PREVENTION DETAILS		
C7.1	STORMWATER POLLUTION PREVENTION DETAILS		
C8.0	STORMWATER POLLUTION PREVENTION DETAILS		
C9.0	SITE SPECIFICATIONS		
C9.1	INDIANA AMERICAN WATER - SPECIFICATIONS		
C10.0	SITE DETAILS		
C10.1	SITE DETAILS		
C10.2	SITE DETAILS		
C10.3	SITE UTILITY DETAILS		
C10.4	LEGAL DRAIN DETAILS		
C10.5	INDIANA AMERICAN WATER - DETAILS		
C10.6	INDIANA AMERICAN WATER - DETAILS		
	-- NOBLESVILLE STANDARDS - 1		
	-- NOBLESVILLE STANDARDS - 2		
	-- NOBLESVILLE STANDARDS - 3		
	-- NOBLESVILLE STANDARDS - 4		
	-- NOBLESVILLE STANDARDS - 5		
	-- NOBLESVILLE STANDARDS - 6		
	-- NOBLESVILLE STANDARDS - 7		
	-- NOBLESVILLE STANDARDS - 8		
	-- NOBLESVILLE STANDARDS - 9		
	-- NOBLESVILLE STANDARDS - 10		
	-- NOBLESVILLE STANDARDS - 11		
	-- NOBLESVILLE STANDARDS - 12		
	-- NOBLESVILLE STANDARDS - 13		
	-- NOBLESVILLE STANDARDS - 14		
	-- NOBLESVILLE STANDARDS - 15		
	-- NOBLESVILLE STANDARDS - 16		
	PHOTOMETRICS PLAN		

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: **Sept 2014**

Entered By: **SLM**



UTILITY STATEMENT

THE EXISTING UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM VISIBLE FIELD EVIDENCE AND / OR EXISTING DRAWINGS. DEEDY LAND DEVELOPMENT SERVICES (DLS) MAKES NO GUARANTEES THAT THE UTILITY INFORMATION SHOWN COMPREHENSES ALL SUCH UTILITIES IN THE AREA, IN SERVICE OR ABANDONED. DEEDY LAND DEVELOPMENT SERVICES (DLS), FURTHER, STATES THAT THE UNDERGROUND UTILITY DATA SHOWN DOES NOT INDICATE PRECISE LOCATIONS.

ABBREVIATIONS AND EXISTING LEGEND

ADJ	ADJACENT	EL	ELEVATION	HT	HEIGHT	SP	SPOT ELEVATION
ADJ	ADJACENT	HO	HORIZONTAL	INT	INTERIOR DIVISION	FB	FIBER OPTICS
APPR	APPROXIMATELY	INT	INTERIOR	INT	INTERIOR	GA	GAS
AR	ARCHITECTURAL	M	MATERIAL	INT	INTERIOR	LA	AREA LIGHT 1
BE	BEHIND	MAX	MAXIMUM	INT	INTERIOR	LA	AREA LIGHT 2
BLDG	BUILDING	MCH	MECHANICAL	INT	INTERIOR	UF	UTILITY FLOOR
CL	CALIPER	MID	MATCH EXISTING GRADE	INT	INTERIOR	UT	UTILITY TOWER
CP	CURTAIN IN PLACE	MIN	MINIMUM	INT	INTERIOR	UT	UTILITY TOWER
CON	CONCRETE	N/A	NOT APPLICABLE	INT	INTERIOR	UT	UTILITY TOWER
CON	CONCRETE	ON	ON CENTER	INT	INTERIOR	UT	UTILITY TOWER
CON	CONCRETE	OS	OUTSIDE DIA	INT	INTERIOR	UT	UTILITY TOWER
CON	CONCRETE	OS	OUTSIDE DIA	INT	INTERIOR	UT	UTILITY TOWER
CON	CONCRETE	OS	OUTSIDE DIA	INT	INTERIOR	UT	UTILITY TOWER

KEYMAP

SCALE: NOT TO SCALE

SITE UTILITY LEGEND

- NEW STORM SEWER - 48" INT. BARREL
- NEW STORM SEWER - 60" INT. BARREL
- NEW STORM SEWER - 72" INT. BARREL
- NEW STORM SEWER - 96" INT. BARREL
- NEW PIPE END SECTION
- NEW STORM INLET - 24"x24" INT. BOX
- NEW SANITARY STRUCTURE
- NEW SANITARY SEWER CLEANOUT
- NEW SWALE FLOWLINE @ 1.0% MIN.
- NEW LIGHT POLES; SEE ELEC. PLAN
- NEW DOWN SPOUTS
- NEW POST INDICATOR VALVE
- NEW FIRE DEPT CONNECTION
- NEW FIRE HYDRANT
- NEW WATER VAULT
- NEW COMMUNICATION VAULT
- NEW GAS LINE
- NEW TELEPHONE LINE
- NEW ELECTRICAL LINE
- NEW WATER MAIN - 12" PVC-C900 PIPING AT 60" MIN. COVER
- NEW FIRE LOOP WATER LINE - 6" PVC-C900 PIPING
- NEW 6" PERFORATED SUBSURFACE DRAIN @ 0.5% MIN.
- NEW 6" ROOF DRAIN - SEE PLUMBING PLANS FOR CONTINUATION
- NEW 6" FIRE SERVICE WATER LINE - PVC-C900 PIPING AT 60" MIN. COVER
- NEW 4" DOMESTIC SERVICE WATER LINE - PVC-C900 PIPING AT 60" MIN. COVER
- NEW SANITARY LATERAL - 6" PVC @ 1.0% MIN. - SEE PLUMBING PLANS FOR CONTINUATION
- NEW SANITARY SEWER; SEE PLAN AND PROFILES

UTILITY NOTES

- SEE MECHANICAL PLANS FOR LOCATION AND SIZE OF SANITARY DRAINS, WATER LINES AND FIRE PROTECTION WITHIN BUILDINGS.
- FULL DEPTH COMPACTED GRANULAR BACKFILL REQUIRED OVER ALL STORM SEWERS WITHIN 5 FT. OF PAVED AREAS.
- FULL DEPTH COMPACTED GRANULAR BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE ALL MAINS, CONDUITS, SERVICE LINES, ETC., IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES AND FACILITIES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
- ROP = REINFORCED CONCRETE PIPE CLASS III (MIN. CLASSIFICATION)
PVC = POLYVINYL CHLORIDE
SANITARY SEWER - ASTM D-3034, SDR-35
HOPE = HELICALLY CORRUGATED STEEL PIPE - 16 GAUGE ALUMINIZED
HOPE = HIGH DENSITY POLYETHYLENE
- FLEXIBLE PIPE TO BE INSTALLED PER ASTM D-2321, CLASS 1,2, OR 3 BEDDING RIGID PIPE TO BE INSTALLED PER ASTM C-12.
- 10 LINEAL FEET OF 4" SUBSURFACE DRAIN REQUIRED EACH WAY (UPGRADE) FROM ALL STORM INLETS (UNLESS OTHERWISE NOTED ON PLANS).
- FOR SITE DETAILS SEE SHEET(S) "C10X SERIES".
- FOR SITE SPECIFICATIONS SEE SHEET "C9.0".
- FOR SOIL EROSION AND CONTROL DATA, SEE SHEET(S) "C7.0" & "C8.0".
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF NOBLESVILLE STANDARD SPECIFICATIONS, LATEST EDITION.
- ALL 6" ROOF DRAIN CONNECTIONS TO STRUCTURES ARE TO BE 0.5' HIGHER THAN SUMP INVERT.
- 6" SUBSURFACE DRAINS ARE TO BE INSTALLED WITH STRUCTURES WITHIN PAVED AREAS.

DETAIL SPECIFICATIONS ORDER OF PREFERENCE

1. CITY / TOWN STANDARD DRAWINGS AND SPECIFICATIONS.
2. COUNTY STANDARD DRAWINGS AND SPECIFICATIONS.
3. STATE STANDARD DRAWINGS AND SPECIFICATIONS.
4. FEDERAL STANDARD DRAWINGS AND SPECIFICATIONS.
5. ANY OTHER APPLICABLE STANDARD DRAWINGS AND SPECIFICATIONS.

NOTICE, PERMITS AND NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING ANY CONSTRUCTION.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING ANY CONSTRUCTION.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR NOTIFICATION AND PROTECTION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING ANY CONSTRUCTION.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE DESIGN STANDARDS FOR WORKER SAFETY.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE DESIGN STANDARDS FOR WORKER SAFETY.
6. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT INFORMATION TO THE ENGINEER'S/ SURVEYOR'S COMPANY UPON COMPLETION OF CONSTRUCTION.

HOLEY MOLEY SAYS "DIG SAFELY"



Call before you dig. 811

AS-BUILT

NEW WET RETENTION POND

WATER QUALITY POND
TOP OF BANK ELEV. 826.00
NORMAL POOL ELEV. 818.50
BOTTOM OF POND ELEV. 808.50
EMERGENCY SPILLWAY ELEV. 824.00
10 YR. ELEV. 822.99
2 YR. ELEV. 820.95
NEW FOREBAY
TOP OF RIPRAP ELEV. 819.50
NORMAL POOL ELEV. 818.50
BOTTOM OF FOREBAY ELEV. 817.00
WATER QUALITY AREA PROVIDED: 2564 SF

STORM SEWER AS-BUILT STATEMENT

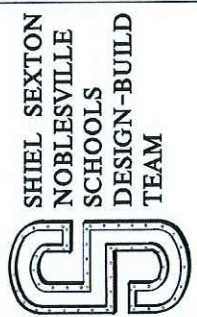
As-Built information for storm sewer risers are based upon above ground evidence of the existing storm sewer system. The strike through data shown on the Storm Sewers are the proposed elevations for all the structures to be placed. Said information has been replaced by the as-built information per elevations collected in the field on January 8, 2013.



Bryan J. Moll
Registered Land Surveyor No. 20500012

SITE UTILITY PLAN - AREA D

SCALE: 1" = 60'



PROJECT:
FINAL PLANS SUBMITTAL
PROMISE ROAD ELEMENTARY SCHOOL
14900 BLOCK PROMISE ROAD
NOBLESVILLE, INDIANA 46060
OFF-SITE CONSTRUCTION PLANS



Issue Date: 09-16-2011
Drawn By: RCB
Checked By: MLD

DATE	NO.	DESCRIPTION
06-15-2011	1	PER TAC
05-02-2011	1	PER ENG
05-17-2011	1	PER ENG
06-10-2011	1	PER TAC
07-15-2011	1	PER ENG
08-05-2011	1	PER ENG
08-19-2011	1	PER ENG

Drawing Number:
C4.3 of 93

Project Number:
29110G
2010-GHSC

ABBREVIATIONS AND EXISTING LEGEND

ACCEL	ACCELERATION	HC	HORIZONTAL	SPOT ELEVATION	TELEPHONE
ADJ	ADJACENT	HONZ	HORIZONTAL	CONTOUR (MAJOR)	FD
ALT	ALTERNATE	JNT	JUNCTION	CONTOUR (MINOR)	FIBER OPTICS
APPROX	APPROXIMATELY	INT	INTERIOR DIMENSION	AREA LIGHT 1	E
ARCH	ARCHITECTURAL	INV	INVERT	AREA LIGHT 2	T
BK	BOOKING	MATCH	MATCH EXISTING GRADE	UTILITY POLE	W
BUILD	BUILDING	MIN	MINIMUM	GUY ANCHOR	SM
CAUT	CAUTION	NA	NOT APPLICABLE	TELEPHONE W.H.	STW
CD	CONCRETE	ON CENTER	ON CENTER	TELEPHONE RISER	CS
CH	CHIMNEY	OD	OUTSIDE DIA	TRANSFORMER	US
CMU	CONCRETE MASONRY UNIT	PERPENDICULAR	PERPENDICULAR	WATER VALVE	OV
CONC	CONCRETE	POINT OF BED	POINT OF BED	FREE HYDRANT	CS
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	DEODOROUS TREE	EV
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	EVERGREEN TREE	EV
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	BUSH	BU
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	CURB INLET	CI
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	ROAD INLET (24" TIP)	RI
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	SQUARE INLET (24" TIP)	SI
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	SEAN	SE
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	CLEAN OUT	CO
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	PIPE BOLLARD	PB
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	PLUG POLE	PP
CONC	CONCRETE	PERPENDICULAR	PERPENDICULAR	PLUG POLE	PP



SITE UTILITY LEGEND

NEW STORM SEWER - 48" INT. BARREL	RELOCATED POWER POLE
NEW STORM SEWER - 60" INT. BARREL	RELOCATED TELEPHONE RISER
NEW STORM SEWER - 72" INT. BARREL	NEW GREASE TRAP, 1500 GAL. CAP.
NEW STORM SEWER - 96" INT. BARREL	NEW LIGHT POLES; SEE ELEC. PLANS
NEW PIPE END SECTION	NEW DOWNSPOUTS
NEW STORM INLET - 24"x24" INT. BOX	NEW POST INDICATOR VALVE
NEW SANITARY STRUCTURE	NEW FIRE DEPT CONNECTION
NEW SANITARY SEWER CLEAOUT	NEW FIRE HYDRANT
NEW SWALE FLOWLINE @ 1.0% MIN.	
NEW LIGHT POLES; SEE ELEC. PLAN	
NEW WATER VAULT	
NEW COMMUNICATION VAULT	
NEW GAS LINE	
NEW TELEPHONE LINE	
NEW ELECTRICAL LINE	
NEW WATER MAIN - 12" PVC-C900 PIPING AT 60" MIN. COVER	
NEW FIRE LOOP WATER LINE - 6" PVC-C900 PIPING	
NEW 6" PERFORATED SUBSURFACE DRAIN @ 0.5% MIN.	
NEW 6" ROOF DRAIN - SEE PLUMBING PLANS FOR CONTINUATION	
NEW 6" FIRE SERVICE WATER LINE - PVC-C900 PIPING AT 60" MIN. COVER	
NEW 4" DOMESTIC SERVICE WATER LINE - PVC-C900 PIPING AT 60" MIN. COVER	
NEW SANITARY LATERAL - 6" PVC @ 1.0% MIN. - SEE PLUMBING PLANS FOR CONTINUATION	
NEW SANITARY SEWER; SEE NOBLESVILLE ENGINEERING DEPT. SHEETS (2, 3, 4)	
NEW STORM SEWER; SEE PLAN AND PROFILES	

UTILITY NOTES

- SEE MECHANICAL PLANS FOR LOCATION AND SIZE OF SANITARY DRAINS, WATER LINES AND FIRE PROTECTION AREAS.
- FULL DEPTH COMPACTED GRANULAR BACKFILL REQUIRED OVER ALL STORM SEWERS WITHIN 5 FT. OF PAVED AREAS.
- FULL DEPTH COMPACTED GRANULAR BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
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- ROP = REINFORCED CONCRETE PIPE CLASS II (MIN. CLASSIFICATION)
PVC = POLYVINYL CHLORIDE
HSP = HIGH DENSITY POLYETHYLENE
HSP = METALLIC CORRUGATED STEEL PIPE - 16 GAUGE ALUMINIZED
HOPE = HIGH DENSITY POLYETHYLENE
- PERFORATE PIPE TO BE INSTALLED PER ASTM D-2321, CLASS 1,2, OR 3 BEDDING, RIGID PIPE TO BE INSTALLED PER ASTM C-12.
- 10 LINEAL FEET OF 4" SUBSURFACE DRAIN REQUIRED EACH WAY (UPGRADE) FROM ALL STORM INLETS (UNLESS OTHERWISE NOTED ON PLANS).
- FOR SITE DETAILS SEE SHEET(S) "C10X SERIES".
- FOR SITE SPECIFICATIONS SEE SHEET "C80".
- FOR SOIL EROSION AND CONTROL, DATA, SEE SHEET(S) "C7.0" & "C8.0".
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF NOBLESVILLE STANDARD SPECIFICATIONS, LATEST EDITION.
- ALL 6" ROOF DRAIN CONNECTIONS TO STRUCTURES ARE TO BE 0.5" HIGHER THAN SWAMP INVERT.
- 6" SUBSURFACE DRAINS ARE TO BE INSTALLED WITH STRUCTURES WITHIN PAVEMENT AREAS.

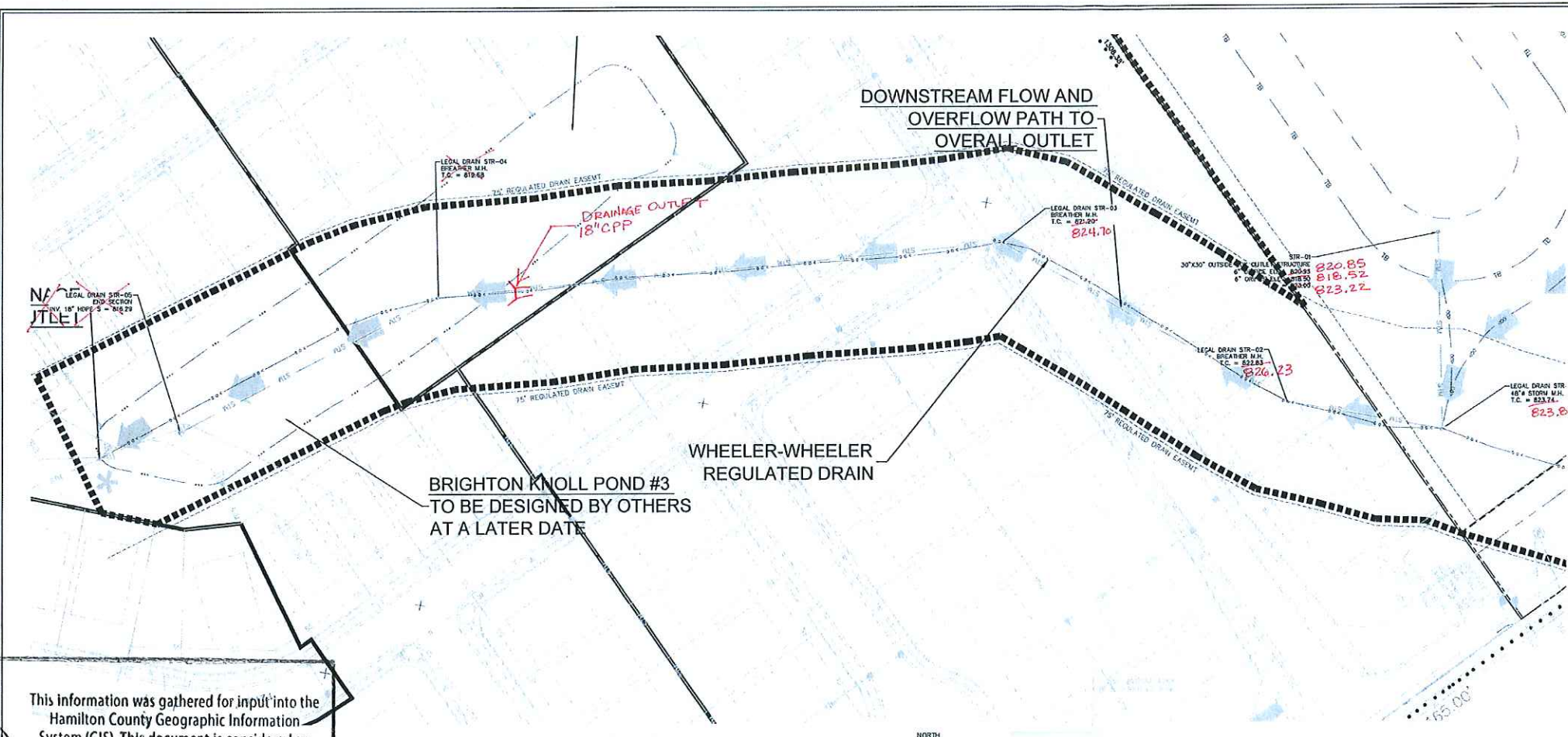
DETAIL SPECIFICATIONS ORDER OF PREFERENCE

- CITY OF NOBLESVILLE STANDARD SPECIFICATIONS AND SPECIFICATIONS
- LOCALITY STANDARD SPECIFICATIONS AND SPECIFICATIONS
- STATE STANDARD SPECIFICATIONS AND SPECIFICATIONS
- INDIANA STANDARD SPECIFICATIONS AND SPECIFICATIONS
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HOLEY MOLEY SAYS "DIG SAFELY"



SEE INDIANA STATE LAW 36-1-1-36 IF A BEYOND THE CURB EXISTING UNDERGROUND UTILITY IS FOUND AND IS NOT TO BE MOVED OR DELETED. CONTACT THE UTILITY COMPANY IMMEDIATELY TO DETERMINE THE LOCATION AND DEPTH OF THE UTILITY. (SEE INDIANA STANDARD SPECIFICATIONS AND SPECIFICATIONS FOR MORE INFORMATION.)



LEGAL DRAIN RECONSTRUCTION & OUTLET B PLAN

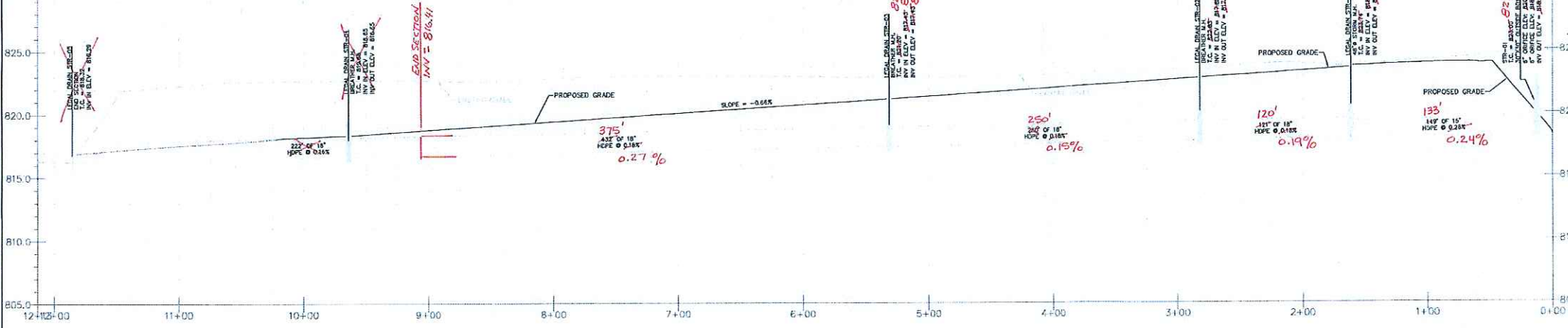
AS-BUILT

SCALE: 1" = 50'

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: Sept 2014

Entered By: GLM



PROFILE VIEW: LEGAL DRAIN RECONSTRUCTION & OUTLET B

STORM SEWER AS-BUILT STATEMENT

As-Built information for storm sewer lines are based upon above ground evidence of the existing storm sewer system. The strike through data shown on the 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 on January 8, 2013.

Bryan J. Moll
Registered Land Surveyor No. 20500012



LEGAL DRAIN RECONSTRUCTION & OUTLET B PROFILE

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

BACKFILL NOTES

- FULL DEPTH COMPACTED GRANULAR BACKFILL REQUIRED OVER ALL STORM SEWERS WITHIN 5 FT. OF PAVED AREAS.
- FULL DEPTH COMPACTED GRANULAR BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.

UTILITY STATEMENT

THE EXISTING UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM VISIBLE FIELD EVIDENCE AND / OR EXISTING DRAWINGS. DEBOY LAND DEVELOPMENT SERVICES (DLDS) MAKES NO GUARANTEES THAT THE UTILITY INFORMATION SHOWN COMPREHENSIVES ALL SUCH UTILITIES IN THE AREA, IN SERVICE OR ABANDONED. DEBOY LAND DEVELOPMENT SERVICES (DLDS), FURTHER, STATES THAT THE UNDERGROUND UTILITY DATA SHOWN DOES NOT INDICATE PRECISE LOCATIONS.



DLDS
DEBOY LAND DEVELOPMENT SERVICES
Designers - Engineers - Surveyors
2012 E. 4th Street, Suite 100, Noblesville, IN 46060
Phone: 317.881.2525
Fax: 317.881.2525

SHIEL SEXTON
NOBLESVILLE
SCHOOLS
DESIGN-BUILD
TEAM

PROJECT:
FINAL PLANS SUBMITTAL
PROMISE ROAD ELEMENTARY SCHOOL
14900 BLOCK PROMISE ROAD
NOBLESVILLE, INDIANA 46060

OFF-SITE CONSTRUCTION PLANS

Certified By:

Issue Date	Drawn By	Checked By
09-18-2011	RCB	MLD

DATE	NO.	DESCRIPTION
04-15-2011	1	PER TAC
05-02-2011	1	PER ENG
05-17-2011	1	PER ENG
06-10-2011	1	PER TAC
07-15-2011	1	PER ENG
08-05-2011	1	PER ENG
08-19-2011	1	PER ENG

Drawing Number:
C4.5 of 93

Project Number:
29110G
2010-GNSC

OFFSITE - STORM STRUCTURE TABLE

STRUCTURE NAME	CASTING/GUTTER ELEV.	INVERT IN	INVERT OUT	CASTING TYPE	STRUCTURE TYPE	STRUCTURE DETAIL	NORTHING	EASTING	CASTING	INN. IN	INN. OUT	NORTHING	EASTING
LEGAL DRAIN STR-01	823.74	15' HDPE SE. = 818.09	18' HDPE NE. = 818.10	R-1792-FL	48" STORM M.H.	SEE STORM DETAILS	1733896.61	240334.09	823.81	818.11	818.06	1733845.70	240334.45
LEGAL DRAIN STR-02	822.83	18' HDPE SW. = 817.85	18' HDPE NE. = 817.88	SEE DETAIL	BREATHER M.H.	SEE STORM DETAILS	1733781.96	240419.65	826.23	817.83	817.83	1733780.79	240419.63
LEGAL DRAIN STR-03	821.20	18' HDPE SW. = 817.43	18' HDPE NE. = 817.43	SEE DETAIL	BREATHER M.H.	SEE STORM DETAILS	1733890.87	240844.38	824.70	817.45	817.45	1733891.36	240844.15
LEGAL DRAIN STR-04	819.68	18' HDPE SW. = 816.65	18' HDPE NE. = 816.65	SEE DETAIL	BREATHER M.H.	SEE STORM DETAILS	1734266.58	240857.76	Not Installed				
LEGAL DRAIN STR-05	818.32	18' HDPE S. = 816.29	---	---	END SECTION	SEE STORM DETAILS	1734486.51	240888.27					
STR-01	823.00	15' HDPE NW. = 818.50	R-6672-F	30"x30" OUTSIDE BOX OUTLET STRUCTURE 6" ORFICE ELEV. 818.93 6" ORFICE ELEV. 818.52	SEE STORM DETAILS	1733815.81	240497.72	823.22	818.43	1733820.95	240444.03		

STORM STRUCTURE TABLE

STRUCTURE NAME	CASTING/GUTTER ELEV.	INVERT IN	INVERT OUT	CASTING TYPE	STRUCTURE TYPE	STRUCTURE DETAIL	NORTHING	EASTING
EX. RW PIPE SOUTH	833.34	---	---	---	EX. RW PIPE SOUTH	SEE STORM DETAILS	1732840.18	242809.58
STR-03	823.43	36" HDPE E. = 819.85	---	---	END SECTION	SEE STORM DETAILS	1733400.47	241378.83
STR-04	827.51	36" HDPE E. = 820.16	36" HDPE W. = 820.05	R-1792-FL	60" STORM M.H.	SEE STORM DETAILS	1733401.24	241581.71
STR-05	828.20	36" HDPE S. = 820.90 36" HDPE E. = 821.02 12" HDPE S. = 823.39	15' HDPE SW. = 824.95	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733925.39	242771.73
STR-06	826.82	30" HDPE S. = 820.90 36" HDPE E. = 821.02 12" HDPE S. = 823.39	30" HDPE W. = 820.50	R-4342	72" STORM M.H.	SEE STORM DETAILS	1733379.44	242109.54
STR-07	827.12	30" HDPE SE. = 822.02 18" HDPE H. = 823.27	30" HDPE W. = 821.52	R-4342	72" STORM M.H.	SEE STORM DETAILS	1733485.26	242435.23
STR-08	827.67	24" HDPE SE. = 822.86 24" HDPE SW. = 822.50 12" RCP E. = 824.23	30" HDPE NW. = 822.26	R-1792-FG	72" STORM M.H.	SEE STORM DETAILS	1733351.31	242514.49
STR-09	828.17	24" HDPE SE. = 823.28	24" HDPE NW. = 823.18	R-1792-FG	60" STORM M.H.	SEE STORM DETAILS	1733207.96	242587.47
STR-10	827.75	18" HDPE SW. = 823.92 18" HDPE W. = 823.78 12" RCP E. = 824.64	24" HDPE NW. = 823.88	R-1792-FG	60" STORM M.H.	SEE STORM DETAILS	1733029.55	242676.73
STR-11	828.00	12" HDPE S. = 824.69	18" HDPE NE. = 824.45	R-4342	48" STORM M.H.	SEE STORM DETAILS	1732880.20	242584.01
STR-12	828.20	12" HDPE N. = 825.17	12" HDPE N. = 825.17	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1732811.85	242599.49
STR-13	828.60	12" RCP W. = 827.05	---	---	END SECTION	SEE STORM DETAILS	1733454.52	242777.84
STR-14	828.50	12" HDPE SW. = 825.29 15" HDPE W. = 824.52	18" HDPE E. = 824.12	R-1792-FG	48" STORM M.H.	SEE STORM DETAILS	1733050.43	242566.66
STR-15	828.36	12" HDPE SW. = 825.42	15" HDPE E. = 824.87	R-3010	48" STORM M.H.	SEE STORM DETAILS	1733070.09	242480.43
STR-16	830.22	12" HDPE NE. = 826.57	12" HDPE NE. = 826.57	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733045.19	242430.32
STR-17	829.50	12" HDPE NE. = 825.88	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733002.66	242539.79	
STR-18	828.42	12" HDPE NW. = 824.39 12" HDPE SW. = 824.31	24" HDPE NE. = 823.01	R-1792-FG	60" STORM M.H.	SEE STORM DETAILS	1733261.12	242468.48
STR-19	829.01	12" HDPE SW. = 824.75	12" HDPE NE. = 824.65	R-3010	48" STORM M.H.	SEE STORM DETAILS	1733218.85	242417.71
STR-20	829.32	12" HDPE NE. = 825.18	R-4243	24"x24" YARD INLET	SEE STORM DETAILS	1733175.64	242364.94	
STR-21	828.27	12" HDPE NW. = 824.99	12" HDPE SE. = 824.49	R-3010	48" STORM M.H.	SEE STORM DETAILS	1733286.31	242438.77

STORM STRUCTURE TABLE

STRUCTURE NAME	CASTING/GUTTER ELEV.	INVERT IN	INVERT OUT	CASTING TYPE	STRUCTURE TYPE	STRUCTURE DETAIL	NORTHING	EASTING
STR-22	829.74	12" HDPE SE. = 825.80	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733312.99	242405.91	
STR-23	828.21	30" HDPE S. = 821.32 12" HDPE E. = 823.90	36" HDPE N. = 821.22	R-1792-FG	72" STORM M.H.	SEE STORM DETAILS	1733194.67	242035.76
STR-24	828.28	24" HDPE S. = 822.13	30" HDPE N. = 821.47	R-1792-FG	60" STORM M.H.	SEE STORM DETAILS	1733097.62	242006.01
STR-25	827.80	18" HDPE S. = 822.50 18" HDPE E. = 823.20	24" HDPE N. = 822.40	R-1792-FG	72" STORM M.H.	SEE STORM DETAILS	1732993.26	241971.27
STR-26	827.14	18" HDPE E. = 823.24	18" HDPE N. = 823.14	R-4342	48" STORM M.H.	SEE STORM DETAILS	1732823.34	241987.62
STR-27	827.28	18" HDPE N. = 823.81	18" HDPE W. = 823.71	R-4342	48" STORM M.H.	SEE STORM DETAILS	1732742.29	242230.98
STR-28	829.53	12" HDPE N. = 824.92	18" HDPE S. = 824.28	R-4342	48" STORM M.H.	SEE STORM DETAILS	1732888.27	242287.17
STR-29	828.52	12" HDPE NE. = 825.39	12" HDPE S. = 825.29	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1732861.68	242291.71
STR-30	829.92	12" HDPE SW. = 826.00	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733015.93	242321.32	
STR-31	829.25	12" HDPE E. = 824.82	12" HDPE W. = 824.42	R-4342	48" STORM M.H.	SEE STORM DETAILS	1733161.45	242133.10
STR-32	828.61	15" HDPE W. = 825.53	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733135.51	242121.42	
STR-33	822.40	15" HDPE SE. = 819.50	---	---	END SECTION	SEE STORM DETAILS	1733323.52	241387.11
STR-34	821.28	---	---	---	END SECTION	SEE STORM DETAILS	1733360.11	241351.95
STR-35	830.24	12" HDPE N. = 826.07	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733251.87	242156.84	
STR-36	828.04	18" HDPE W. = 823.66	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1732990.14	242122.41	
STR-37	828.40	12" RCP W. = 826.25	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733029.19	242774.65	
STR-38	831.04	12" RCP NW. = 829.29	---	---	END SECTION	SEE STORM DETAILS	1732837.19	242766.17
STR-39	830.94	12" RCP SE. = 829.19	---	---	END SECTION	SEE STORM DETAILS	1732852.34	242746.24
STR-40	828.20	15" HDPE NE. = 823.98	R-4342	24"x24" YARD INLET	SEE STORM DETAILS	1733684.39	242479.79	
STR-41	831.24	12" RCP E. = 829.49	---	---	END SECTION	SEE STORM DETAILS	1732836.43	242771.23

AS-BUILT

STORM PIPE DATA TABLE

UPSTREAM STR NO.	DN STREAM STR NO.	PIPE TYPE	PIPE SLOPE	UPSTREAM INVERT	DN STREAM INVERT	PIPE SIZE	PIPE LENGTH
STR-04	STR-03	HDPE	0.10%	820.06	819.85	36"	213'
STR-05	STR-04	HDPE	0.14%	820.80	820.16	36"	618'
STR-23	STR-06	HDPE	0.16%	821.22	820.90	36"	193'
STR-24	STR-25	HDPE	0.15%	821.47	821.32	30"	102'
STR-25	STR-24	HDPE	0.25%	822.40	822.13	24"	110'
STR-26	STR-25	HDPE	0.37%	823.14	822.50	18"	171'
STR-27	STR-26	HDPE	0.18%	823.71	823.24	18"	256'
STR-28	STR-27	HDPE	0.30%	824.28	823.81	18"	166'
STR-29	STR-28	HDPE	0.50%	825.29	824.92	12"	74'
STR-30	STR-29	HDPE	0.93%	826.00	825.39	12"	62'
STR-07	STR-05	HDPE	0.15%	821.52	821.02	36"	342'
STR-08	STR-07	HDPE	0.15%	822.26	822.02	30"	156'
STR-09	STR-08	HDPE	0.20%	823.16	822.86	24"	181'
STR-10	STR-09	HDPE	0.20%	823.68	823.28	24"	199'
STR-11	STR-10	HDPE	0.30%	824.45	823.92	18"	176'
STR-12	STR-11	HDPE	0.40%	825.17	824.69	12"	70'
STR-14	STR-10	HDPE	0.30%	824.12	823.78	18"	112'
STR-17	STR-14	HDPE	0.71%	825.68	825.29	12"	55'
STR-15	STR-14	HDPE	0.40%	824.87	824.52	15"	85'
STR-16	STR-15	HDPE	2.08%	826.57	825.42	12"	56'

STORM PIPE DATA TABLE

UPSTREAM STR NO.	DN STREAM STR NO.	PIPE TYPE	PIPE SLOPE	UPSTREAM INVERT	DN STREAM INVERT	PIPE SIZE	PIPE LENGTH
STR-18	STR-08	HDPE	0.50%	823.01	822.50	24"	101'
STR-21	STR-18	HDPE	0.51%	824.49	824.29	12"	37'
STR-22	STR-21	HDPE	1.91%	825.80	824.99	12"	49'
STR-19	STR-18	HDPE	0.52%	824.65	824.31	12"	65'
STR-20	STR-19	HDPE	0.63%	825.10	824.75	12"	68'
STR-13	STR-08	RCP	1.00%	827.05	824.23	12"	285'
STR-36	STR-25	HDPE	0.30%	823.66	823.20	18"	151'
STR-31	STR-23	HDPE	0.51%	824.42	823.90	12"	103'
STR-32	STR-31	HDPE	0.84%	825.53	824.82	12"	84'
STR-35	STR-05	HDPE	1.97%	826.07	823.39	12"	136'
STR-33	STR-34	HDPE	1.88%	820.62	819.50	15"	67'
STR-10	STR-37	RCP	0.63%	824.64	823.95	12"	99'
STR-38	STR-39	RCP	0.40%	829.29	829.19	12"	25'
STR-40	STR-07	HDPE	0.28%	823.85	823.27	18"	204'
STR-40	STR-05	HDPE	0.31%	823.96	824.95	15"	324'
EX. RW PIPE SOUTH	STR-41	RCP	5.45%	831.59	829.49	12"	39'

OFFSITE - STORM PIPE DATA TABLE


UPSTREAM STR NO.	DN STREAM STR NO.	PIPE TYPE	PIPE SLOPE	UPSTREAM INVERT	DN STREAM INVERT	PIPE SIZE	PIPE LENGTH
LEGAL DRAIN STR-04	LEGAL DRAIN STR-05	HDPE	0.16%	816.65	816.29	18"	222'
LEGAL DRAIN STR-02	LEGAL DRAIN STR-04	HDPE	0.16%	817.43	816.55	18"	432'
LEGAL DRAIN STR-03	LEGAL DRAIN STR-03	HDPE	0.16%	817.83	817.43	18"	250'
LEGAL DRAIN STR-01	LEGAL DRAIN STR-02	HDPE	0.16%	818.10	817.88	18"	121'
STR-01	LEGAL DRAIN STR-01	HDPE	0.28%	818.50	818.09	15"	149'

SLOPE	INVERT	INVERT	DN	SIZE	LENGTH
0.27%	817.45	816.41	18"	375'	
0.15%	817.83	817.45	18"	250'	
0.19%	818.06	817.83	18"	120'	
0.24%	818.43	818.11	15"	133'	

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: Sept 2014

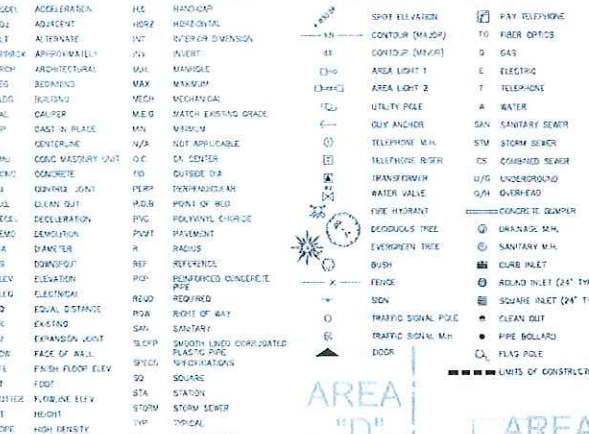
Entered By: SLM



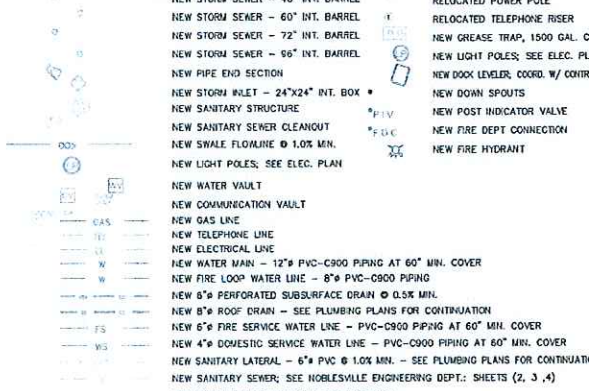
BACKFILL NOTES

- FULL DEPTH COMPACTED GRANULAR BACKFILL REQUIRED OVER ALL STORM SEWERS WITHIN 5 FT. OF PAVED AREAS.
- FULL DEPTH COMPACTED GRANULAR BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.

ABBREVIATIONS AND EXISTING LEGEND




SITE UTILITY LEGEND



UTILITY NOTES

- SEE MECHANICAL PLANS FOR LOCATION AND SIZE OF SANITARY DRAINS, WATER LINES AND FIRE PROTECTION WITHIN BUILDINGS.
- FULL DEPTH COMPACTED GRANULAR BACKFILL REQUIRED OVER ALL STORM SEWERS WITHIN 5 FT. OF PAVED AREAS.
- FULL DEPTH COMPACTED GRANULAR BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE ALL MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES AND FACILITIES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
- RCP = REINFORCED CONCRETE PIPE CLASS III (MIN. CLASSIFICATION)