

Drain: Oliver Armstrong Drain

Improvement-Arm: Cumberland Pointe Marketplace Reconstruction

Date Approved: January 28, 2008

Drain Input Checklist

- Create Regulated Drain Record in Posse _____
 - Drain Type
 - Outlet (Tab)
 - Outlet Attached
 - Location
 - Twp
 - Certification
 - Drain Number

- Enter Improvement Arm in Posse January 28, 2008
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)

- Scan Documents _____
 - Surveyor's Report
 - Engineer's Estimate
 - Bonds
 - Findings and Order
 - Petition

- Create Posse Inspection Job _____

- Enter into Watershed Summary Spreadsheet _____

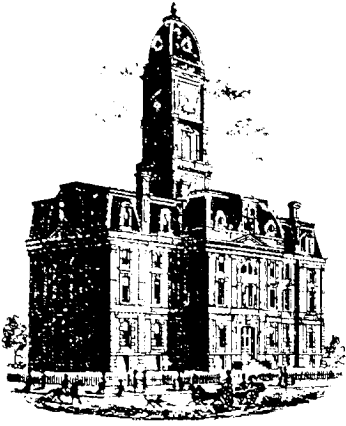
- Check for Vacation of Drain & Map Changes _____

- Check Drainage Easement Classification _____

- Sum drain length & Validate in GIS _____

- Enter New Watershed Length into Posse _____

- Create Boundary of Improvement in GIS _____



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

October 30, 2007

To: Hamilton County Drainage Board

Re: Oliver Armstrong Drain, Cumberland Pointe Marketplace Reconstruction

Attached is a petition and plans for the proposed relocation of the Oliver Armstrong Drain. The relocation is being proposed by Cumberland Pointe LLC. The proposal is to reconstruct the drain across parcel #10-11-07-00-00-037.000 owned by Gene Marks, Bruce, Brian & Brenda Cordle, ¼ interest each, 10-11-07-00-00-038.001 owned by Noblesville Cumberland Pointe, LLC and parcel 10-11-07-00-00-038.101 owned by GC Noblesville IN, LLC as part of the Cumberland Pointe Marketplace project per plans by Pendleton Consulting, revision date February 8, 2006.

This line will consist of the following:

8" HDPE	394 ft.	18" RCP	24 ft.	36" RCP	1,078 ft.
12" RCP	39 ft.	30" RCP	146 ft.	Open (Pond 1 & 2)	1,116 ft.

The total length of new drain shall be 2,797 feet. The 2,991 feet of original drain between Sta. 10+09 to Sta. 25+59 of the main drain, Sta. 0+30 to Sta. 1+71 of Arm 1, and Sta. 0 to Sta. 13+00 of Arm 2 will be vacated. This proposal will subtract 194 feet from the drains total length.

Under a previous reconstruction petition for Cumberland Pointe Commercial which was approved on February 27, 2006, the Main Drain from Sta. 0+00 to Sta. 10+09 and Arm 1 from Sta. 0+00 to 0+30 were reconstructed as noted in Drainage Board Minutes Book 9, pages 82-84, per Surveyor's report dated December 7, 2005.

The Retention Ponds 1 and 2 are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal and erosion control along the banks as part of the regulated drain. The maintenance of the ponds, such as mowing and aquatic vegetation control will be the responsibility of the owner of the tract on which the pond is located. The Board will also retain jurisdiction for ensuring the storage volume for which the ponds were designed will be retained, thereby, allowing no fill or easement encroachments.

In the future, as per the plans, a storm sewer is to be constructed near the right-of-way of SR 37 and extend from the south property line and drain north to Str. 201. The purpose of this storm line is to serve the area between North Point Blvd and SR 37, as well as to provide possible connection to off-site lands to the south.

The cost of the relocation is to be paid by Cumberland Pointe, LLC.

The petitioner has provided the Performance Bond as follows:

Name of Bonding Company: Bond Safeguard Insurance Company

Bond No: 5018759

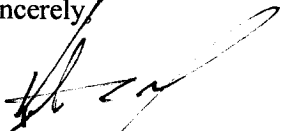
Bond Date: September 14, 2005

Bond Amount: \$165,240.00

The easements for the new drain shall be the drainage easements (DE) as recorded in the office of the Hamilton County Recorder, Instrument #200500060873, PC3, Slide 710.

I recommend the Board set a hearing for this proposal for January 28, 2008.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

Revised June 1997

IN RE: _____)
Hamilton County, Indiana)

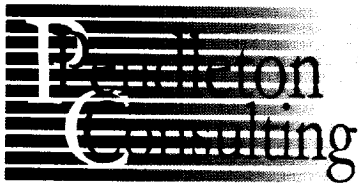
PETITION FOR RELOCATION AND RECONSTRUCTION

_____ (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the Oliver Armstrong Drain, and in support of
said petition advises the Board that:

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

Signed Jeffrey M. Reasner
Printed JEFF M. REASNER



P.O.Box 67 Pendleton, Indiana 46064-0067
Tel: 765-778-4540 Fax: 765-778-3571
email s.bourquein@pendletonconsulting.net

September 21, 2005

Hamilton County Surveyor's Office

Attn: Steve Cash

Re: Oliver Armstrong RD
Cumberland Pointe Marketplace
Noblesville, Indiana

Dear Steve;

This letter is to be used as supporting information for our request for reconstruction and encroachment for the referenced project. As required, we have prepared an engineer's construction estimate for the facilities that will be included in the reconstruction of the referenced Regulated Drain.

We estimate that the construction cost for the Regulated Drain portion of the Cumberland Pointe Marketplace as represented by the plans prepared by Pendleton Consulting ands Floyd E. Burroughs and Associates is \$137,000.00.

A performance bond in the amount of \$165,240.00 (120% of the above estimated construction cost), is included as required.

Thank you for your attention to this matter. If you have any questions, please call me at the number above.

Sincerely;
Pendleton Consulting

A handwritten signature in black ink, appearing to read "Stephen E. Bourquein". The signature is fluid and cursive, written over a white background.

Stephen E. Bourquein, L.S.

SEB/seb

file: Drainage Review

c:\documents and settings\stephen\my documents\data\urbahns\noblesville01\final\tr 04 hcso scash review 1.doc



HC DB-2005-00102

SUBDIVISION BOND

Bond No.: 5018759

Principal Amount: \$165,240.00

KNOW ALL MEN BY THESE PRESENTS, that we
Cumberland Pointe LLC
280 East 96th Street, Ste. 250, Indianapolis, IN 46240
as Principal, and
Bond Safeguard Insurance Company
1919 S. Highland Ave., Bldg. A, Ste. 300, Lombard, IL 60148 a IL
Corporation, as Surety, are held and firmly bound unto
Hamilton County Drainage Board
One Hamilton County Square, Suite 188, Noblesville, IN 96060-2230
as Obligee, in the penal sum of
One Hundred Sixty Five Thousand Two Hundred Forty Dollars and 00/100
(Dollars) (\$ 165,240.00), lawful money of the
United States of America, for the payment of which well and truly to be made, we bind ourselves,
our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these
presents.

WHEREAS, Cumberland Pointe LLC has agreed to construct in
Cumberland Pointe Subdivision, in Hamilton County, IN the following
improvements:

Regulated Drain, Storm Sewer Improvements.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said
Principal shall construct, or have constructed, the improvements herein described, and shall save the
Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then
this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety,
upon receipt of a resolution of the Obligee indicating that the improvements have not been installed
or completed, will complete the improvements or pay to the Obligee such amount up to the
Principal amount of this bond which will allow the Obligee to complete the improvements.

Upon approval by the Obligee, this instrument may be proportionately reduced as the public
improvements are completed.

Signed, sealed and dated, this 14th day of September, 2005

Cumberland Pointe LLC
Principal
By: [Signature]

Bond Safeguard Insurance Company
Surety
By: Irene Diaz
Irene Diaz Attorney-in-Fact

Bond Safeguard INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS, that **BOND SAFEGUARD INSURANCE COMPANY**, an Illinois Corporation with its principal office in Lombard, Illinois, does hereby constitute and appoint:

Michael J. Scheer, James I. Moore, Christine Woods, Irene Diaz, Bonnie Kruse, Stephen T. Kazmer, Dawn L. Morgan, Peggy Faust, Kelly A. Jacobs, Elaine Marcus, Jennifer J. McComb, Melissa Schmidt

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **BOND SAFEGUARD INSURANCE COMPANY** on the 7th day of November, 2001 as follows:

Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$1,000,000.00, One Million Dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Vice President, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such 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 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.

IN WITNESS THEREOF, **BOND SAFEGUARD INSURANCE COMPANY** has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 7th day of November, 2001.




BOND SAFEGUARD INSURANCE COMPANY

BY 
David E. Campbell
President

ACKNOWLEDGEMENT

On this 7th day of November, 2001, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of **BOND SAFEGUARD INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.





Michele Koller
Notary Public

CERTIFICATE

I, the undersigned, Vice President of **BOND SAFEGUARD INSURANCE COMPANY**, An Illinois Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Lombard, Illinois this 14th Day of September, 2005




Donald D. Buchanan
Secretary

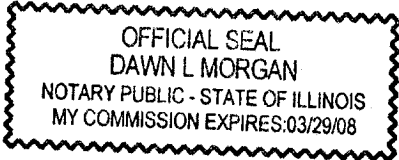
STATE OF ILLINOIS }
 }
COUNTY OF DU PAGE }

On September 14, 2005, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Irene Diaz, known to me to be Attorney-in-Fact of Bond Safeguard Insurance Company, the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2008

Dawn L. Morgan
Notary Public



FINDINGS AND ORDER

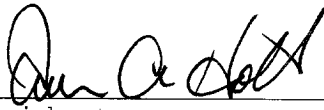
CONCERNING THE PARTIAL VACATION OF THE

**Oliver Armstrong Drain, Cumberland Pointe Marketplace
Sta. 10+09 to Sta.25+59 of Main Drain
Sta. 0+30 to Sta. 10+09 of Arm 1
Sta. 0 to Sta. 13+00 of Arm 2**


On this *28th day of January 2008*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Oliver Armstrong Drain, Cumberland Pointe Marketplace, Sta. 10+09 to Sta. 25+59 of Main Drain; Sta. 0+30 to Sta. 10+09 of Arm 1; Sta. 0 to Sta. 13+00 of Arm 2.**

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **Oliver Armstrong Drain, Cumberland Pointe Marketplace.**

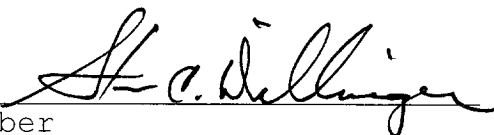
HAMILTON COUNTY DRAINAGE BOARD



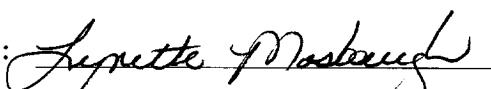
President



Member



Member

Attest: 

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Oliver Armstrong Drain, Cumberland Pointe Marketplace Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Oliver Armstrong Drain** came before the Hamilton County Drainage Board for hearing on **January 28, 2008**, 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 **Oliver Armstrong Drain, Cumberland Pointe Marketplace Reconstruction** 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

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: *Cumberland Pointe Marketplace*

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: *S. E. Bourquein* Date: *10/5/2009*

Type or Print Name: *Stephen E. Bourquein*

Business Address: *PO Box 67*

Pendleton, IN 46064

Telephone Number: *317-426-7245*



INDIANA REGISTRATION NUMBER

50441

FILED

OCT 05 2009

OFFICE OF HAMILTON COUNTY SURVEYOR



KLU

SURVEYOR'S OFFICE
Hamilton County

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

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

To: Hamilton County Drainage Board

January 12, 2010

Re: Oliver Armstrong: Cumberland Pointe Marketplace Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for Cumberland Pointe Marketplace 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 October 30, 2007. The report was approved by the Board at the hearing held January 28, 2008. (See Drainage Board Minutes Book 11, Pages 4-6)

The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:
301-300	27	30	RCP	794.61	794.58	0.11
300-20	13	30	RCP	794.58	794.52	0.44
20-19	65	30	RCP	794.52	794.36	0.24
19-18	51	30	RCP	794.36	794.23	0.25
18-21	116	36	RCP	793.72	793.25	0.33
21-24	241	36	RCP	793.72	793.25	0.2
24-26	117	36	RCP	793.25	792.95	0.26
26-26A	103	36	RCP	792.95	792.44	0.49
EX100-302	24	18	RCP	795.3	795.12	0.42
203-202	122	36	RCP	788	787.52	0.34
202-201	250	36	RCP	787.35	786.96	0.16
201-200	125	36	RCP	786.62	786.25	0.3
200-200A	22	12	RCP	786.21	786.08	0.49
Tile Outlet	394	8	HDPE			

RCP Pipe Totals:

12	22
18	24

Other Drain Totals:

8" HDPE	394
OPEN	983

30	156
36	1074
Total:	<u>1276</u>

Total:	<u>1377</u>

The length of the drain due to the changes described above is now **2653 feet**. The original Oliver Armstrong Drain was removed from Station 10+09 to Station 25+34 on the main drain, Station 0+30 to Station 1+71 of Arm 1, and Station 0 to Station 13+00 of Arm 2. Therefore, there was 313 feet removed from the watershed's overall length.

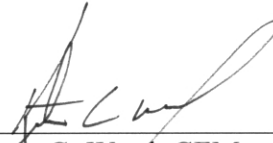
The easement for this drain was set per the plat for Cumberland Point which was recorded in the Hamilton County Recorder's Office under instrument #2005000060873.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its October 12, 2009 meeting.

Bond-LC No: 5018759
Insured For: Storm Sewers
Amount: \$165,240.00
Issue Date: September 14, 2005

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

AS-BUILT DRAWINGS

X MH B-() denotes the field located center of the manhole, the manhole designation (number) as related to the original site construction plans.

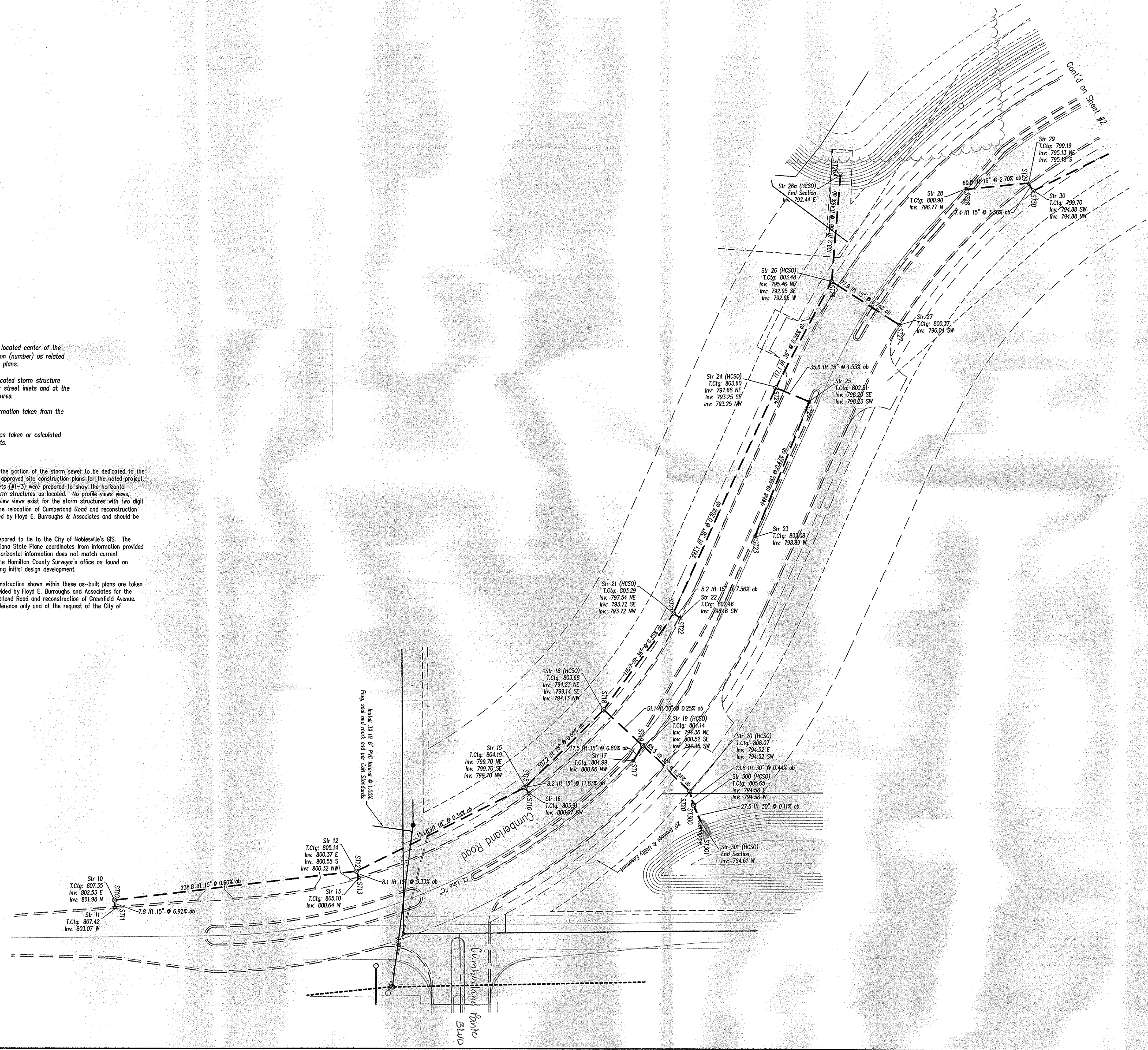
X ST() denotes the field located storm structure located at the back of curb for street inlets and at the center of storm manhole structures.

*9999X denotes Planned information taken from the Site Construction Plans

XXXX AB denotes information as taken or calculated from field as-built measurements.

NOTES / REPORT:

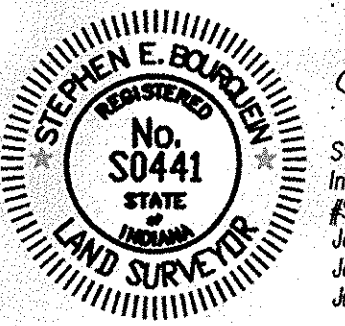
1. These as-built plans are for the portion of the storm sewer to be dedicated to the City of Noblesville shown in the approved site construction plans for the noted project. These special as-built plan sheets (A1-3) were prepared to show the horizontal locations of the constructed storm structures as located. No profile views exist, other than shown on street profile views exist for the storm structures with two digit notations (Str XX). Plans for the relocation of Cumberland Road and reconstruction of Greenfield Avenue are prepared by Floyd E. Burroughs & Associates and should be referenced for this project.
2. These as-built plans were prepared to tie to the City of Noblesville's GIS. The locations are based NAD 83, Indiana State Plane coordinates from information provided by the City of Noblesville. This horizontal information does not match current information from the office of the Hamilton County Surveyor's office as found on earlier research for the site during initial design development.
3. Portions the proposed construction shown within these as-built plans are taken from Plans and digital files provided by Floyd E. Burroughs & Associates for the construction of Relocated Cumberland Road and reconstruction of Greenfield Avenue. This information is shown for reference only and at the request of the City of Noblesville.



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: 12/29/2009

Entered by: SLM



Stephen E. Bourquein
Indiana Registered Land Surveyor
#53441
January 22, 2007
January 31, 2007LR
July 18, 2007

These improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "as-built" drawings (except as may be noted). Field information was taken from July 31, 2006 to January 31, 2007. Locations and measurements are based on, and subject to information noted on these As-built Plans. An additional cursory field check was performed on September 28, 2009.

North

Scale: 1" = 50'

Urbahn Companies, Inc.
280 East 96th Street
Suite 250
Indianapolis, Indiana 46240
Tel: 317.848.4590
Fax: 317.848.4595

Penetration Consulting
P.O. Box 67
Pendleton, Indiana 46064
Phone: 765-776-6540
Fax: 765-776-3871
email: s.bourquein@penetrationconsulting.net

Date	Revision
2/20/2007	Revised to include pipe and structure information on this sheet per J.Hellman.
3/15/2007	Revised per comments from FEBA/S. Stinchcomb per review conversation on 2/19/2007.
7/16/2007	Revised per comments from Con/M.Harris per letter dated March 28, 2007, and subsequent emails.
7/18/2007	Revised per comments from Con/M.Harris per letter dated July 18, 2007, and subsequent phone calls.

Cumberland Point Marketplace
Phase 1 Infrastructure
Noblesville, Indiana

Storm Structure As-built Plans
Location Plan

Sheet No. **3**

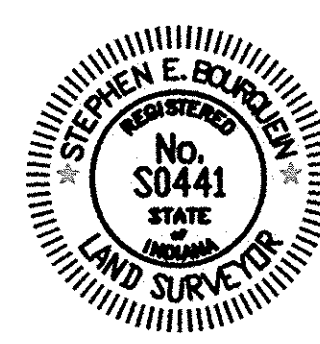
Sheet No. **4**

AS-BUILT DRAWINGS

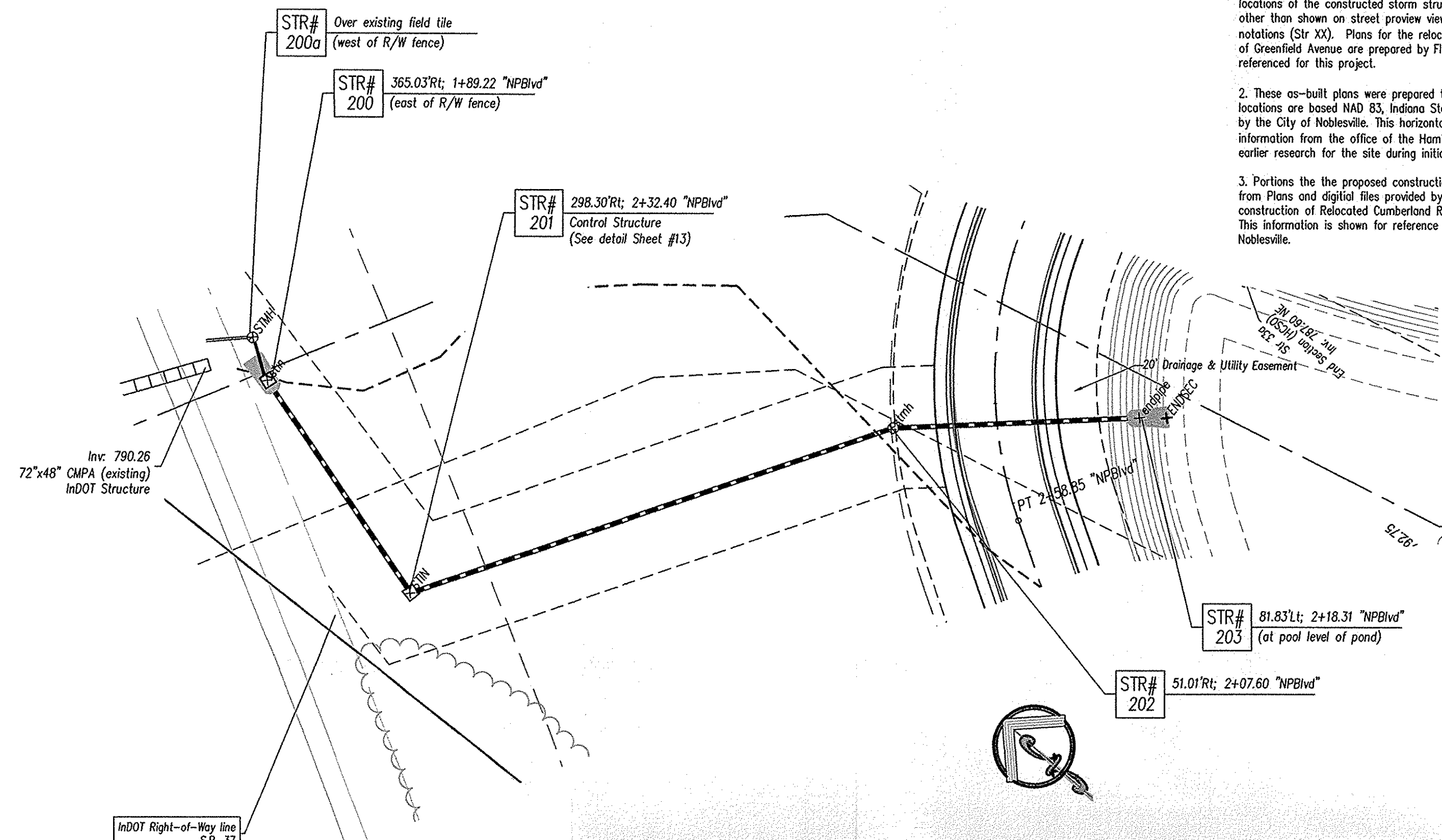
X MH B-() denotes the field located center of the manhole, the manhole designation (number) as related to the original site construction plans.
 X ST() denotes the field located storm structure located at the back of curb for street inlets and at the center of storm manhole structures.
 *9662X denotes Planned information taken from the Site Construction Plans
 XXXX AB denotes information as taken or calculated from field as-built measurements.

NOTES / REPORT:
 1. These as-built plans are for the portion of the storm sewer to be dedicated to the City of Noblesville shown in the approved site construction plans for the noted project. These special as-built plan sheets (#1-3) were prepared to show the horizontal locations of the constructed storm structures as located. No profile view views other than shown on street preview views exist for the storm structures with two digit notations (Str XX). Plans for the relocation of Cumberland Road and reconstruction of Greenfield Avenue are prepared by Floyd E. Burroughs & Associates and should be referenced for this project.
 2. These as-built plans were prepared to tie to the City of Noblesville's GIS. The locations are based NAD 83, Indiana State Plane coordinates from information provided by the City of Noblesville. This horizontal information does not match current information from the office of the Hamilton County Surveyor's office as found on earlier research for the site during initial design development.
 3. Portions of the proposed construction shown within these as-built plans are taken from Plans and digital files provided by Floyd E. Burroughs and Associates for the construction of Relocated Cumberland Road and reconstruction of Greenfield Avenue. This information is shown for reference only and at the request of the City of Noblesville.

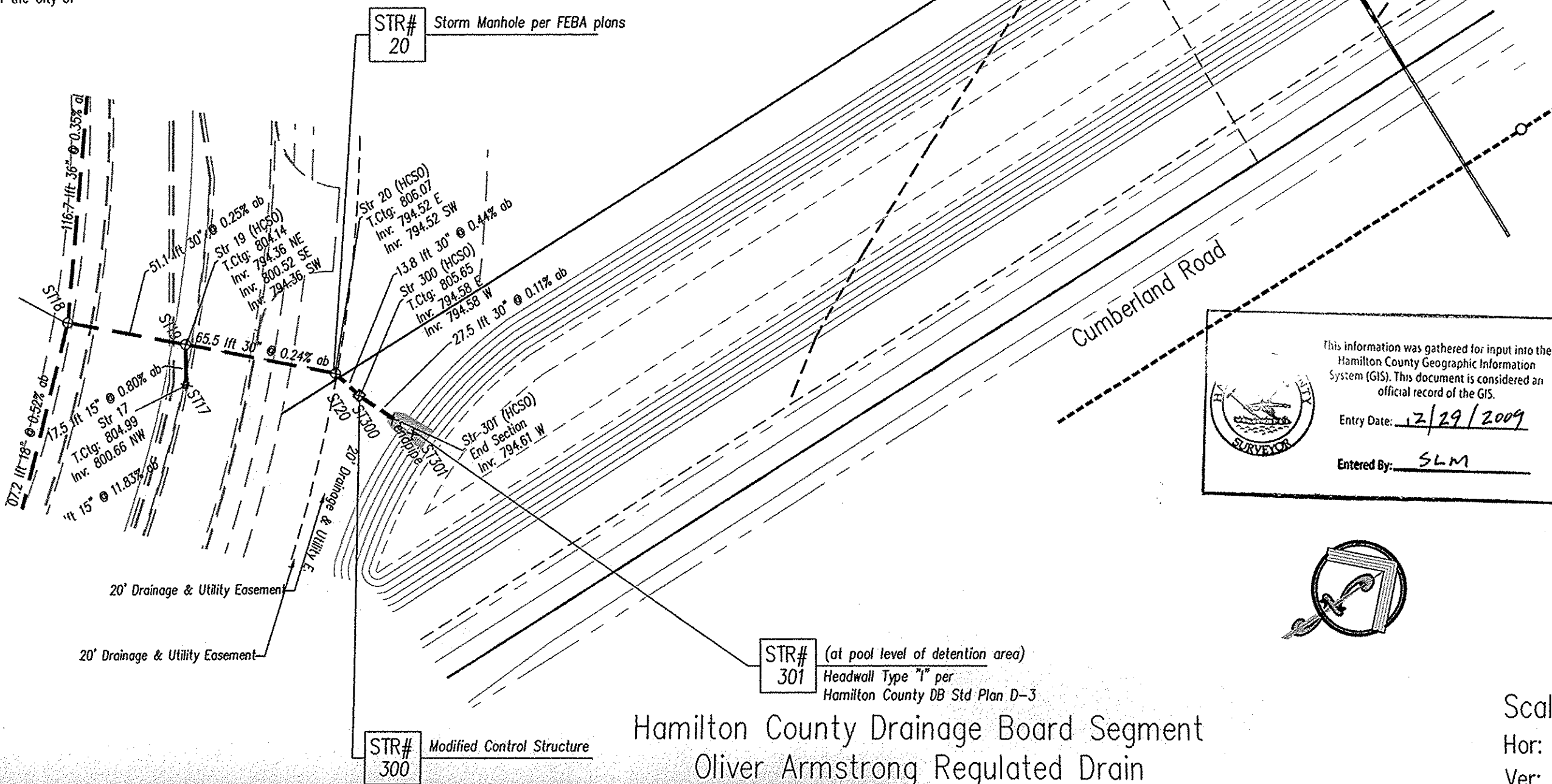
These improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "As-built" drawings (except as may be noted). Field information was taken from July 31, 2006 to January 31, 2007. Locations and measurements are based on, and subject to information noted on these As-built Plans. An additional cursory field check was performed on September 28, 2009.



Stephen E. Burroughs
 Indiana Registered Land Surveyor
 #50441
 January 22, 2007
 January 31, 2007LR



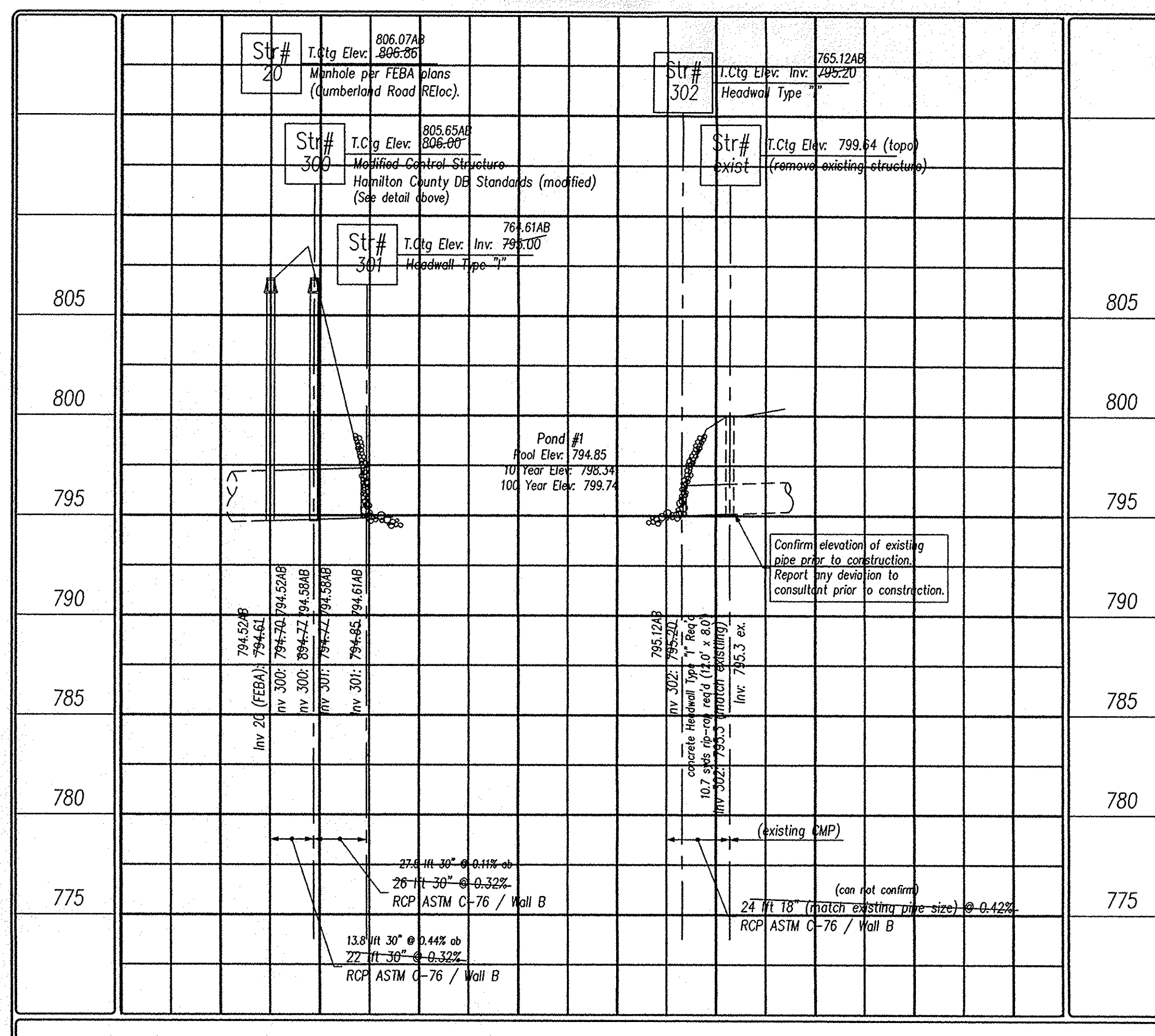
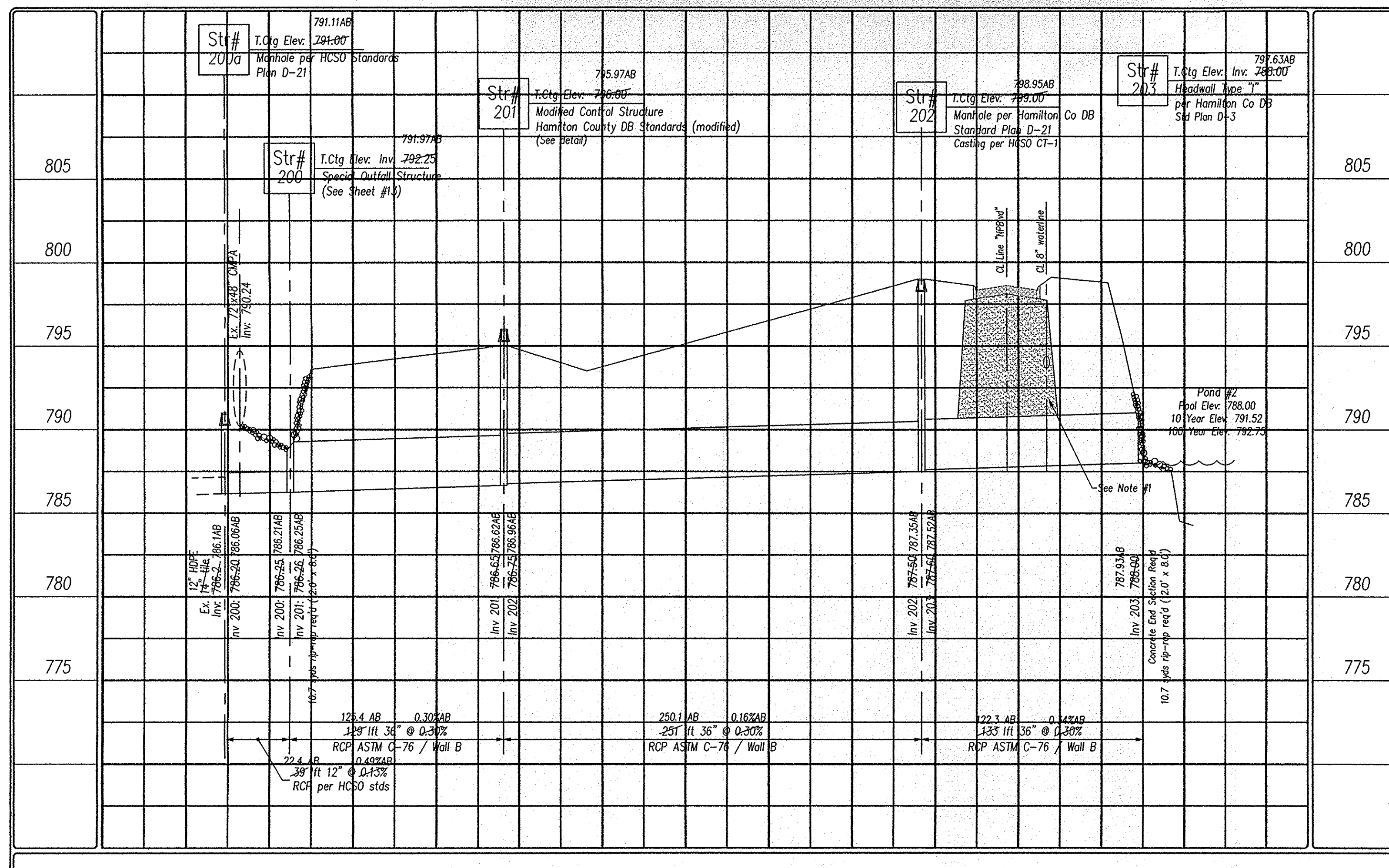
Hamilton County Drainage Board Segment
 Oliver Armstrong Regulated Drain
 Storm Series 200



Hamilton County Drainage Board Segment
 Oliver Armstrong Regulated Drain
 Storm Series 300

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: 12/29/2009
 Entered By: SLM

Scale:
 Hor: 1"=50'
 Ver: 1"=5'



North

Scale: shown

Urban Companies, Inc.
 280 East 96th Street
 Suite 250
 Indianapolis, Indiana 46240
 Tel: 317.848.4500
 Fax: 317.848.4545

Scale:
 Hor: 1"=50'
 Ver: 1"=5'

Date: 1/31/2007

Revision:

Date:

Project: Cumberland Point Marketplace
 Phase 1 Infrastructure
 Noblesville, Indiana

Sheet Title: Storm Structure As-built Plans
 Profile View Structures HCSO

Sheet No. 4
 of 4 Sheets