



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

March 12, 2009

To: Hamilton County Drainage Board

Re: J.R. Collins #1 Drain – 131st Street and U.S. 31 Infrastructure Relocation

Attached is a petition and plans for the proposed relocation of the J.R. Collins Drain, #2 Arm. The relocation is being proposed by Browning Real Estate Partners. The proposal is to relocate a portion of the #2 Arm by providing a new pipe under U.S. 31 to provide a sufficiently sized outlet for the 131st Street and U.S. 31 commercial development.

The relocated drain is shown on page C702 of the construction plans prepared by Cripe Architects & Engineers, having job number 0060384-20300, dated January 15, 2009, and stamp approved by HCSO on February 2, 2009. The new drain will begin at Str. 701B, then to Str. 701A, then to Str. 701, and end at existing Str. 700 per the plans, which is the same as Str. 722 of the J.R. Collins #1 Drain, CMC Properties Relocation.

The drain in total will consist of the following lengths:

157 feet of 18" RCP

208 feet of 18" Fused HDPE Pipe

The total length of new drain shall be 365 feet. The 686 feet of the original J.R. Collins Drain, #2 Arm, from Sta. 0+00 to Sta. 6+86 per the original 1890 legal description shall be vacated. Sta. 6+86 has a breather located at the east right of way fence line for U.S. 31. This proposal will remove 321 feet from the J.R. Collins Drain, #2 Arm.

The relocation and development of the 131st Street and U.S. 31 commercial development will change the watershed boundaries for the J.R. Collins #1 Drain. The following changes should be made to the J.R. Collins #1 drain maintenance assessments.

		Current		Proposed		Land
Parcel Number	Parcel Owner	Acreage	Old Asmt.	Acreage	New Asmt.	Use
17-09-26-02-01-001.000	Saint Christopher	0.01	\$25.00	0.06	\$25.00	Res/Ag.
	Episcopal Church of Carm	nel				Ü
17-09-26-02-01-001.001	Meridian 131 LLC	0.35	\$25.00	0.40	\$25.00	Comm.
17-09-26-00-00-005.101	Meridian 131 LLC	0.30	\$25.00	0.49	\$25.00	Comm.
17-09-26-00-00-005.001	Saint Christopher	1.02	\$25.00	6.36	\$31.80	Res/Ag.
	Episcopal Church of Carm	nel				J
17-09-26-00-00-005.000	Meridian 131 LLC	5.14	\$25.70	9.61	\$48.06	Comm.
U.S. 31 Right of Way	INDOT	52.06	\$260.30	57.22	\$286.10	Road
Grand Boulevard ROW	City of Carmel	62.35	\$311.76	64.81	\$324.06	Road

This change will result in a net increase of \$67.26 to the J.R. Collins #1 Drain maintenance assessment.

The cost of the relocation is to be paid by Browning Real Estate Partners.

The petitioner has provided the Performance Bond as follows:

Name of Bonding Company: Developers Surety and Indemnity Company

Bond Number: 772232S Bond Date: January 13, 2009 Bond Amount: \$69,372.00

The easements shall be 25 feet per half from the center of the new tile. This will place new easement on the following parcels:

Parcel Number	Parcel Owner
16-09-26-00-00-001.101	Meridian 131 LLC
16-09-26-00-00-001.001	City of Carmel
16-09-26-00-00-001.002	CMC Office Center-Carmel LLC
U.S. 31 Right of Way	INDOT

I recommend the Board set a hearing for this proposed drain for April 27, 2009.

Sincerely

Kenton C. Ward, CFM Hamilton County Surveyor

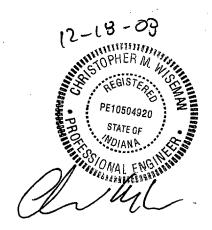
KCW/pll

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE:
IN RE: Hamilton County, Indiana
PETITION FOR RELOCATION AND RECONSTRUCTION
Jamie W. Browning, Browning Real Estate Partners (hereinafter Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the J.R. Collins No. 1 Regulated Drain, and in support of
said petition advises the Board that:
1. Petitioner owns real estate through which a portion of the
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 theJ.R. Collins No. 1 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
theJ.R. Collins No. 1 Regulated Drain, without cost to other property owners
on the watershed of theJ.R. Collins No. 1 Regulated Drain.
WHEREFORE, Petitioner requests that an Order issued from the Hamilton County
Drainage Board authorizing relocation and reconstruction of the
Drain, in conformance with applicable law and plans and specifications on file with the Hamilton
County Surveyor.
Siggled Siggled
Jamie W. Browning, Vice President
Printed

131st Street and US 31 Infrastructure ENGINEER'S COST ESTIMATE Prepared for the Hamilton County Surveyor's Office

	Sub-Total, Regulated Drain Improveme	nts			\$57,810.00
7	Cap Existing Draintile	1	LS	\$500.00	\$500.00
6	Erosion Control and Seeding	1	LS	\$1,000.00	\$1,000.00
5	Repairs to Existing French Drain	1	LS	\$2,000.00	\$2,000.00
4	Directional Bore 18" Fused HDPE	208	LF	\$200.00	\$41,600.00
3	18" RCP w/ Bedding	157	LF	\$30.00	\$4,710.00
2	Core Drill Existing Structure	1	EA	\$500.00	\$500.00
1_	Storm Structure	3	EA	\$2,500.00	\$7,500.00



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

J. R. Collins #1 Drain, 131st Street & U S 31 Infrastructure Relocation

NOTICE

То	Whom	Ιt	Мау	Concern	and:	_
						~

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the J. R. Collins #1 Drain, 131st Street & U S 31 Infrastructure Relocation on April 27, 2009, at 9:00 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)		DRAINA	GE BO	DARD

IN THE MATTER OF J. R. Collins Drain, 131st Street and U. S. 31 Infrastructure Relocation

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting April 27, 2009 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 C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

J. R. Collins #1 Drain, $131^{\rm st}$ Street and U. S. 31 Infrastructure Relocation

On this 27^{th} day of April 2009, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the J. R. Collins Drain, 131^{st} Street and U. S. 31 Infrastructure Relocation.

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

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Mombor

Attest Seprette Mashauch

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

J. R. Collins #1 Drain, 131st Street and U. S. 31 Infrastructure Relocation

J. R. Collins #2 Arm - Station 0+00 to Station 6+86

On this 27^{th} day of April 2009, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the J. R. Collins #1 Drain, 131^{st} Street and U. S. 21 Infrastructure Relocation; J. R. Collins #2 Arm - Station 0+00 to Station 6+86.

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 J. R. Collins #1 Drain, 131st Street and U. S. 31 Relocation; J. R. Collins #2 Arm - Station 0+00 to Station 6+86.

HAMILTON COUNTY DRAINAGE BOARD

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Member

Member

Attest: Ligate Mastreed

STATE OF INDIANA)

COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

J. R. Collins #1 Drain, $131^{\rm st}$ Street and U. S. 31 Infrastructure Relocation

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Springmill J. R. Collins #1 Drain, 131*st *Street and U. S. 31 Infrastructure Relocation* came before the Hamilton County Drainage Board for hearing *on April 27, 2009,* 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 $J.\ R.\ Collins\ \#1\ Drain,\ 131^{st}\ Street\ and\ U.S.\ 31\ Infrastructure$ Relocation 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

/ /

Member

ATTEST



Architects + Engineers

Telephone 317.844.6777

Solutions by Design Since 1937

3939 Priority Way South Drive, Suite 400 indianapolis, Indiana 46240 www.cripe.blz

Facsimile 317.706.6375

May 18, 2009

Greg Hoyes Hamilton County Surveyor's Office On Hamilton County Square, Suite 188 Noblesville, IN 46060-2230

RE: 131st Street and US 31 Infrastructure – Stormwater Bore under US 31

Dear Greg:

Cripe is writing this letter for confirmation that the hydraulic impacts on this site shall be as originally intended and the site or the surrounding areas have no adverse impact.

As you are aware the 18" bore pipe under US 31 was installed lower than the approved plans and drainage report dictated. Cripe has hydraulically modeled the 18" bore pipe in its current condition (lower than originally designed) and has included an additional 208 LF of 8" inside diameter pipe between structures 701 A(at invert 864.24) and 701 (at invert 863.93) in the drainage model. This double pipe outlet system conveys and releases the stormwater with the intent of the approved drainage plan.

Please confirm that this approach is acceptable to the Hamilton County Surveyor Office, so installation can begin.

Please contact me at 317-706-6429 or <u>cwiseman@cripe.biz</u> with any further questions or concerns.

Sincerely,

CRIPE ARCHITECTS + ENGINEERS

Out M Vierna 2009.05.19 09:04:04 -04'00'

Christopher M. Wiseman, P.E.

Project Manager

CC:

Jamie Browning, Browning

Eric Blount, Browning David Lach, Cripe

FILE

CERTIFICATE OF COMPLETION AND COMPLIANCE

То	: Hamilton Count	y Surveyor
Re	: 131st Street and	US 31
Ιh	ereby certify that:	
1.	I am a Registered	Land Surveyor or Engineer in the State of Indiana.
2.	I am familiar wit	h the plans and specifications for the above referenced subdivision.
3,		observed and supervised the completion of the drainage facilities erenced subdivision.
5.	knowledge, inforwith all plans and and a trainage facilities knowledge, information and the control of the drainage facilities and the control of the contro	ilities within the above referenced subdivision to the best of my mation and belief have been installed and completed in conformity dispecifications as marked up and with the of the symplemental letter ilities within the above referenced subdivision to the best of my mation and belief have been correctly represented on the Record I Record Drawings and the Structure Data Spreadsheet.
Ty]	pe or Print Name:	Christopher M. Wiseman, P.E.
Bu	siness Address:	Cripe Architects + Engineers
		3939 Priority Way S Drive, Suite 400, Indianapolis, IN 46240
Tel	ephone Number:	317-844-6777
40	SEATERNAMING PE10504920 STATE OF WOLAND	INDIANA REGISTRATION NUMBER PE 10504920





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 10, 2010

Re: JR Collins Drain: 131st & US 31 Infrastructure Improvements

Attached are as-builts, certificate of completion & compliance, and other information for 131st & US 31 Infrastructure Improvements. 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 April 27, 2009. The report was approved by the Board at the hearing held April 27, 2009. (See Drainage Board Minutes Book 12, Pages 6-8) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert:	Grade:
701B-701A	92	18	RCP	864.38	864.24	0.15
701-700	65	18	RCP	863.93	863.83	0.15
701A-701	208	8	HDPE	864.24	863.93	0.15
701A-701	208	18	HDPE	864.24	862.43	0.15

RCP Pipe Totals:

18" RCP	157

Total: 157

HDPE Pipe Totals:

IIDI E I IPC	i otaio.
18" & 8"	208

Total: 208

It should be noted that the pipe between Structures 701A to 701 are dual pipes. The length of the drain due to the changes described above is now 365 feet.

The drainage easements were established at 25 per half from the center line of the new tile. The following sureties were guaranteed by Developers Surety and Indemnity Co. and released by the Board on its February 22, 2010 meeting.

Bond-LC No: 772232S

Insured For: Storm Sewers, Erosion Control

Amount: \$69, 372.00

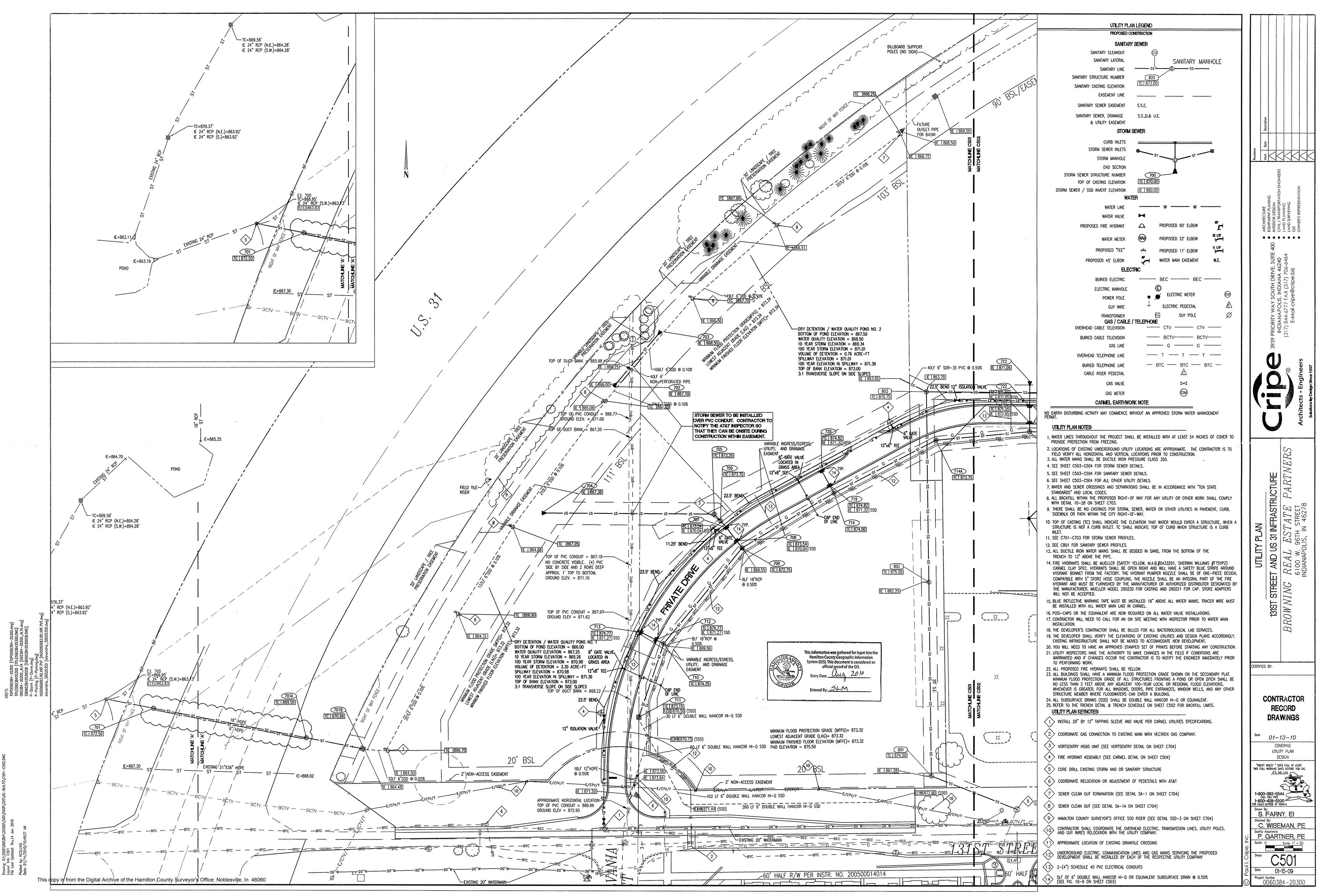
Issue Date: January 13, 2009

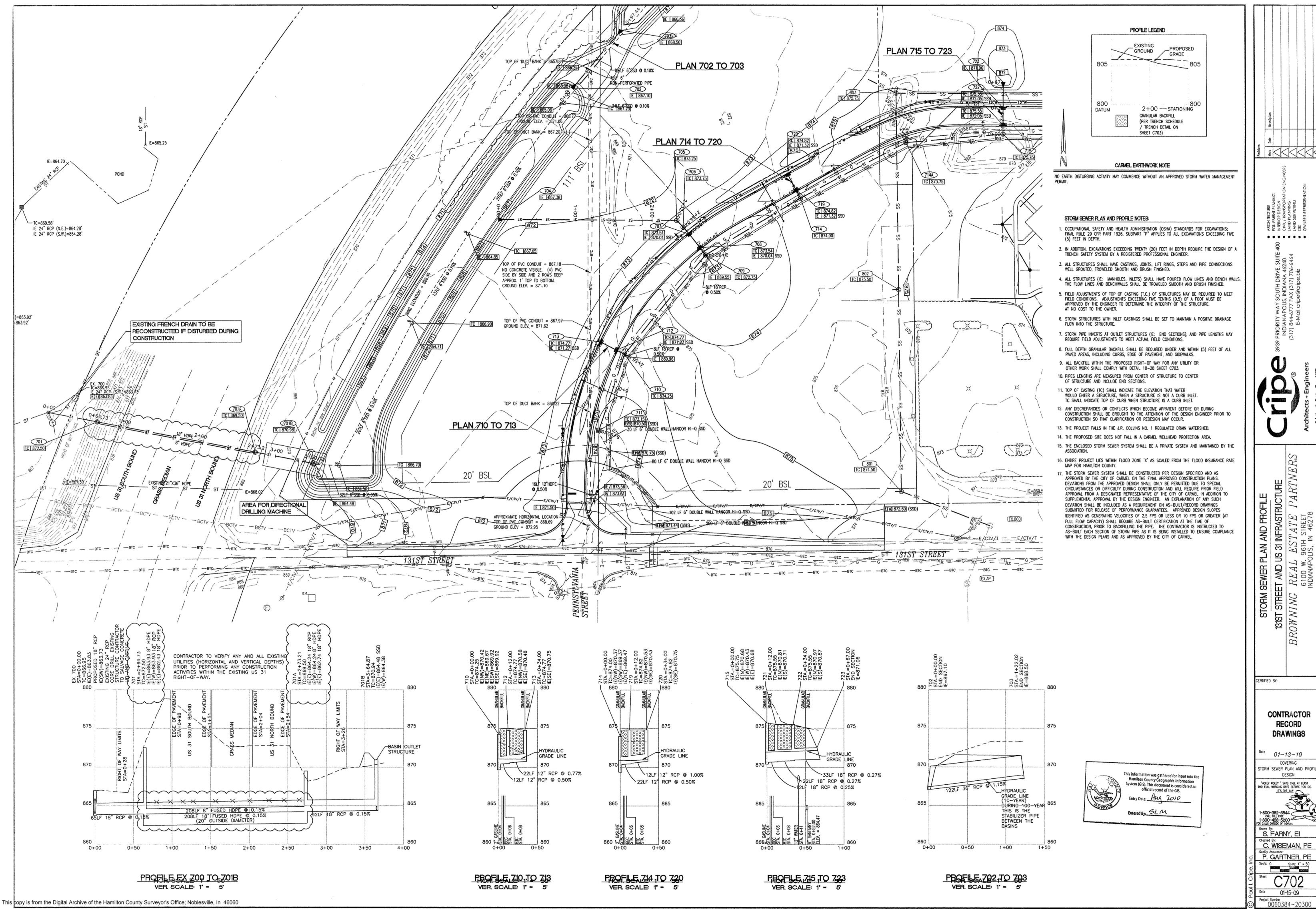
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Hamilton County Surveyor

KCW/slm





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R PLAN AND PROFILE

D US 31 INFRASTRUCTURE

IL ESTATE PARTN
W. 96TH STREET
APOLIS, IN 46278

CERTIFIED BY:

CONTRACTOR RECORD **DRAWINGS**

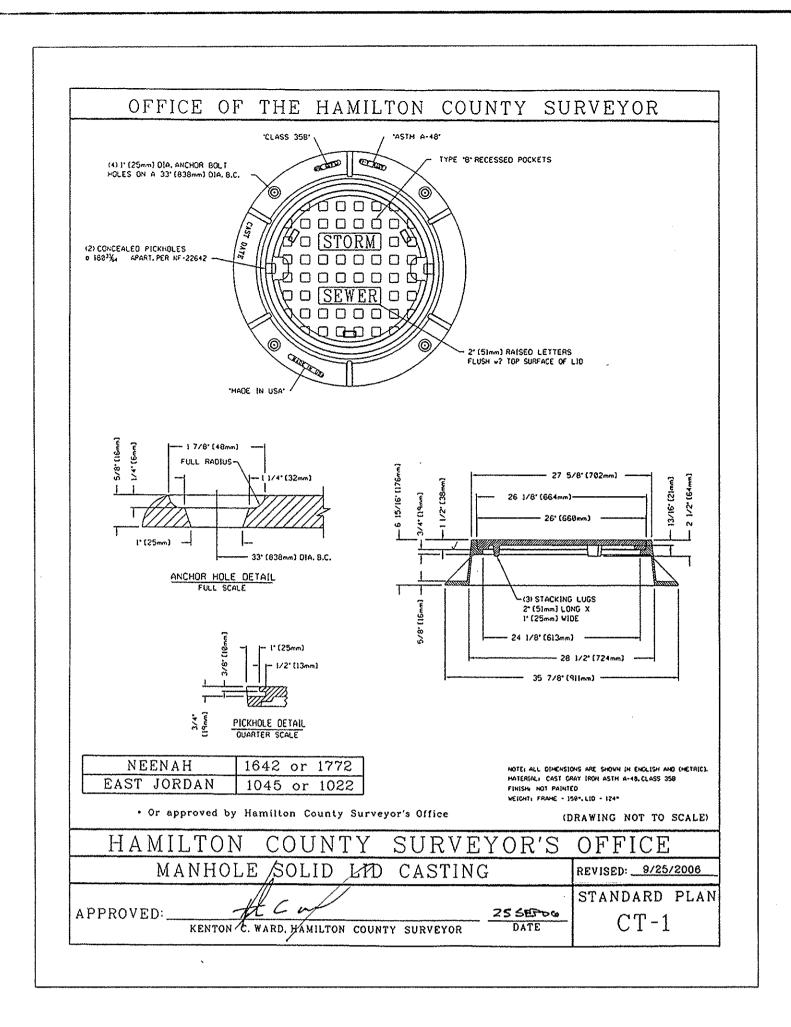
01-13-10 COVERING

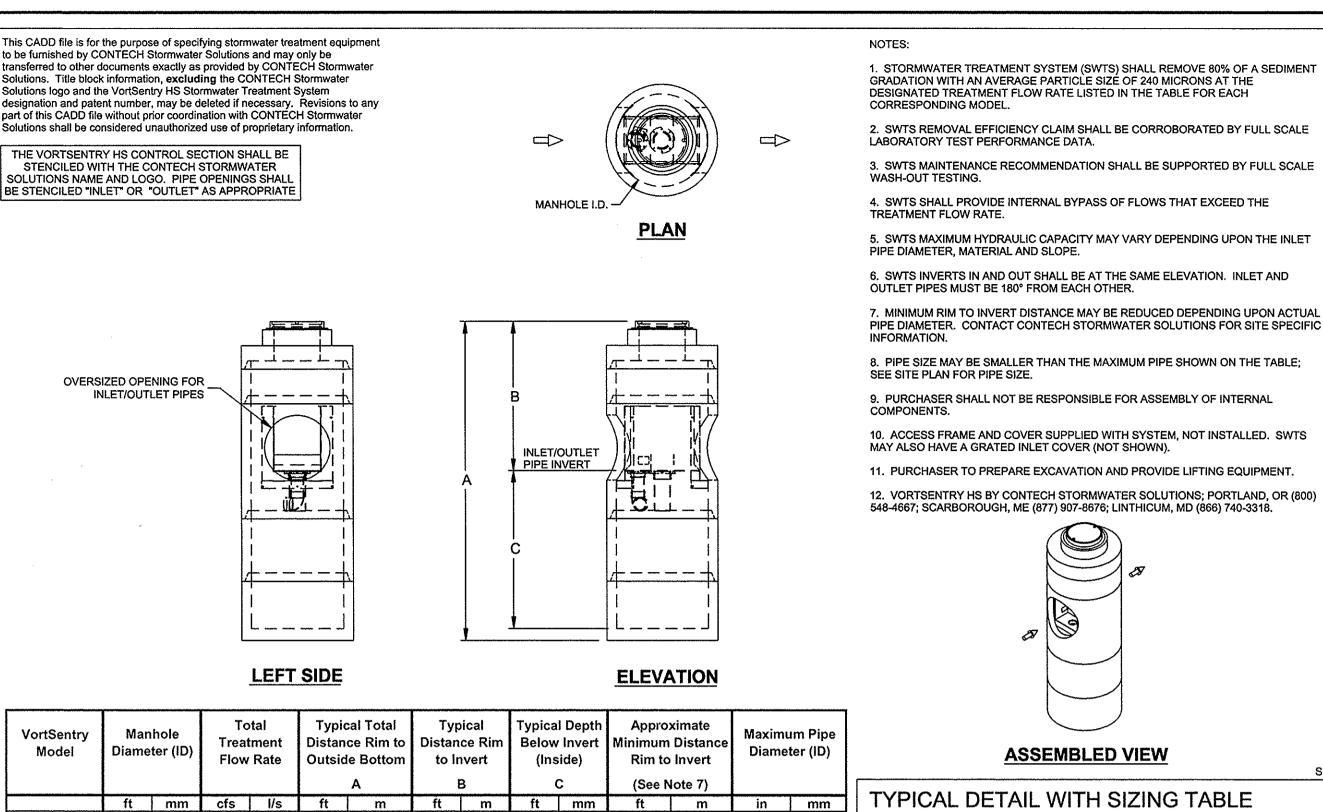
STORM SEWER PLAN AND PROFILE DESIGN "HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG IT'S THE TAN

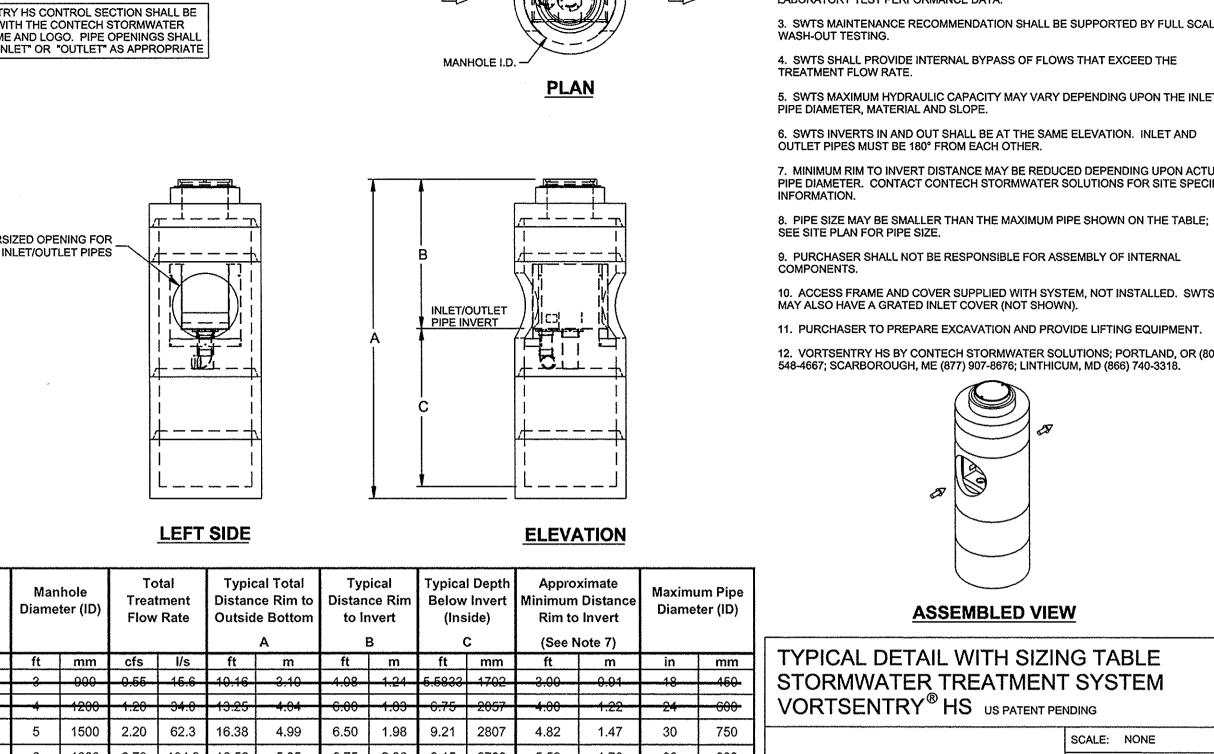
1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS QUISDE OF INDIANA

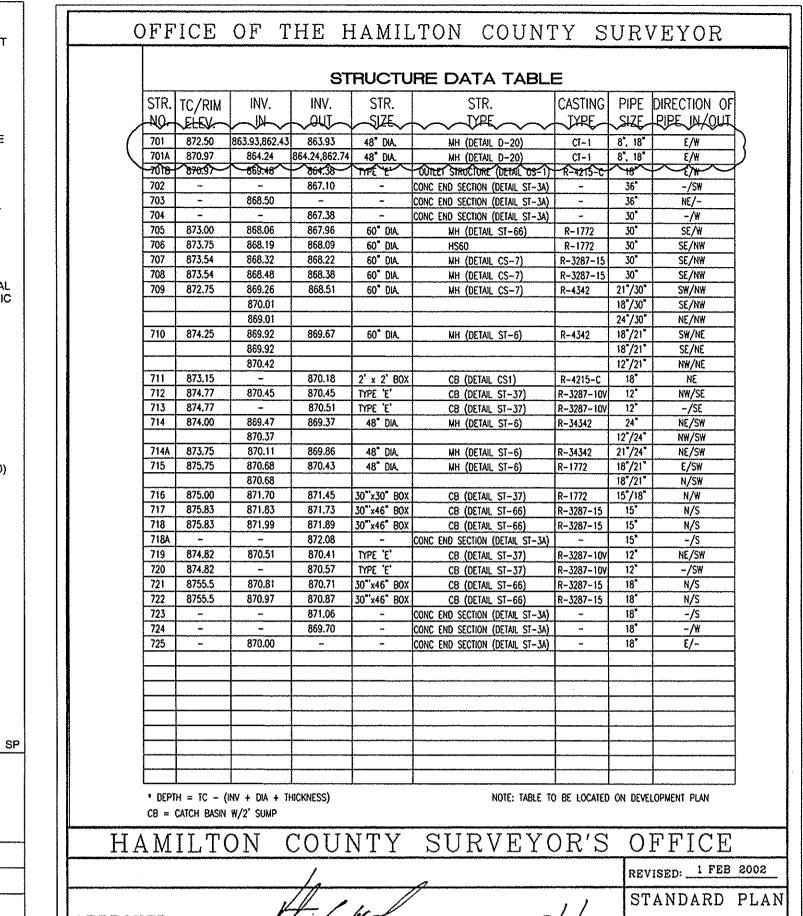
S. FARNY, EI Checked By: C. WISEMAN, PE Outly Assurance:
P. GARTNER, PE

01-15-09 Project Number 0060384 - 20300







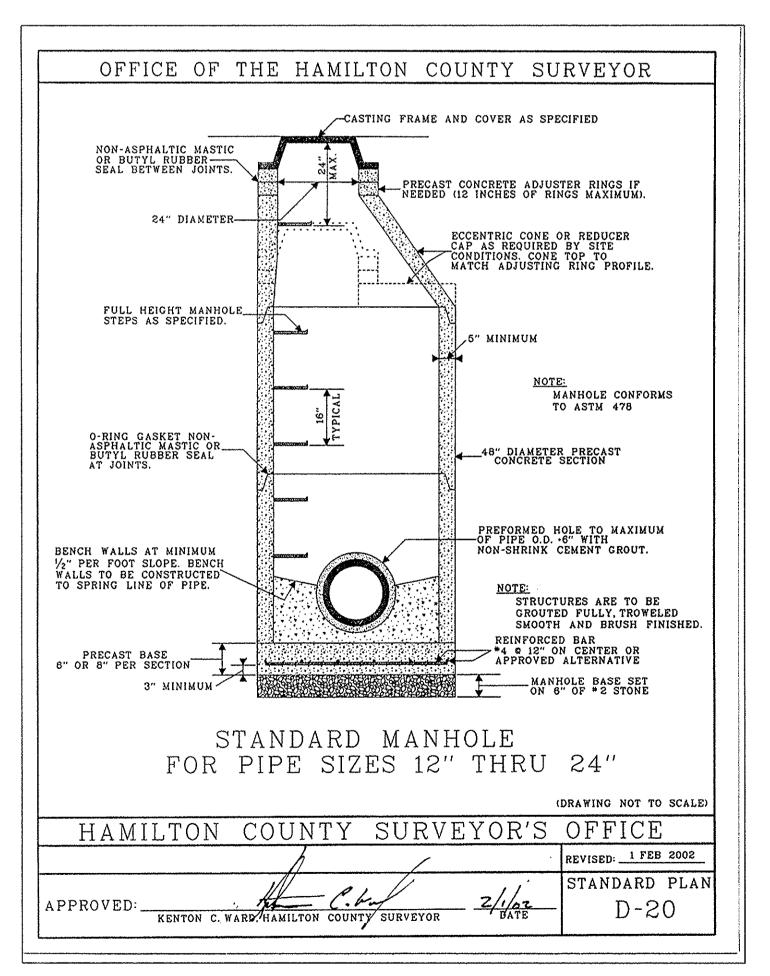


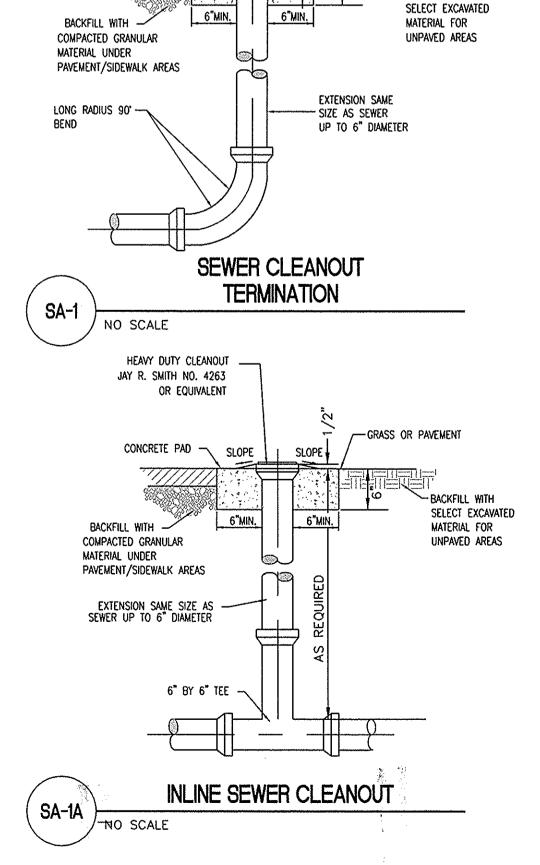


1. THE PIPE LENGTHS ARE FROM THE CENTER OF THE STRUCTURE TO THE CENTER OF THE STRUCTURE. 2. SEE CITY OF CARMEL STANDARDS FOR STORM STRUCTURE DETAILS AND NOTES ON SHEET C503. 3. ALL STORM INLET CASTINGS SHALL BE NPDES PHASE II COMPLIANT - "NO DUMPING, DRAINS TO WATERWAY" SHALL BE ON THE CASTING. ALL CASTINGS MUST INCLUDE CLEAN WATER MESSAGE AS SHOWN BELOW OR AS MODIFIED TO FIT ON CASTING.

STRUCTURE DATA TABLE ST-71

KENTON C. WARD, HAMILTON COUNTY SURVEYOR





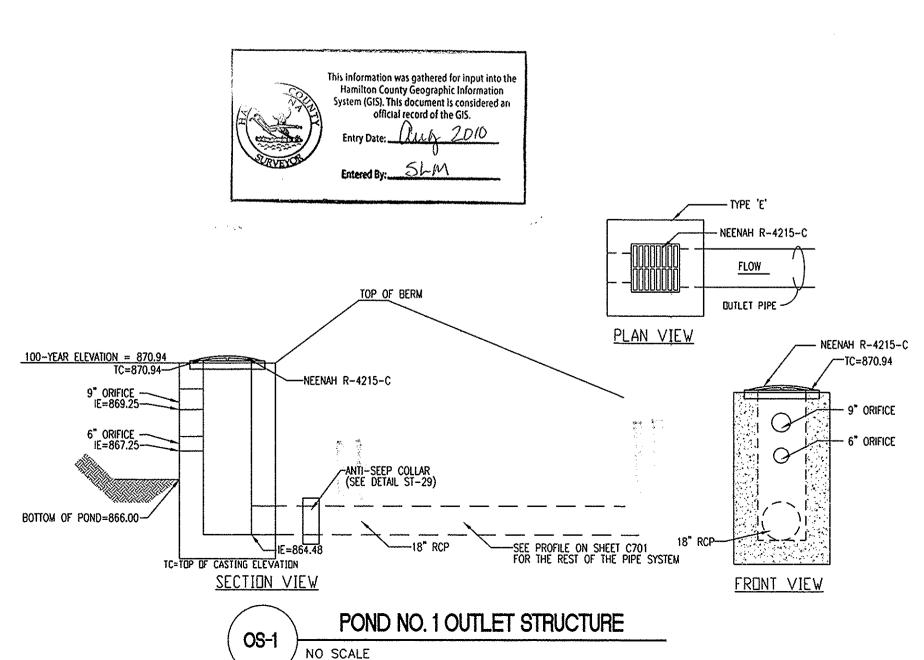
HEAVY DUTY CLEANOUT

OR EQUIVALENT

JAY R. SMITH NO. 4263

FOR INFORMATIONAL PURPOSES ONLY - NOT INTENDED FOR CONSTRUCTION

-GRASS OR PAVEMENT

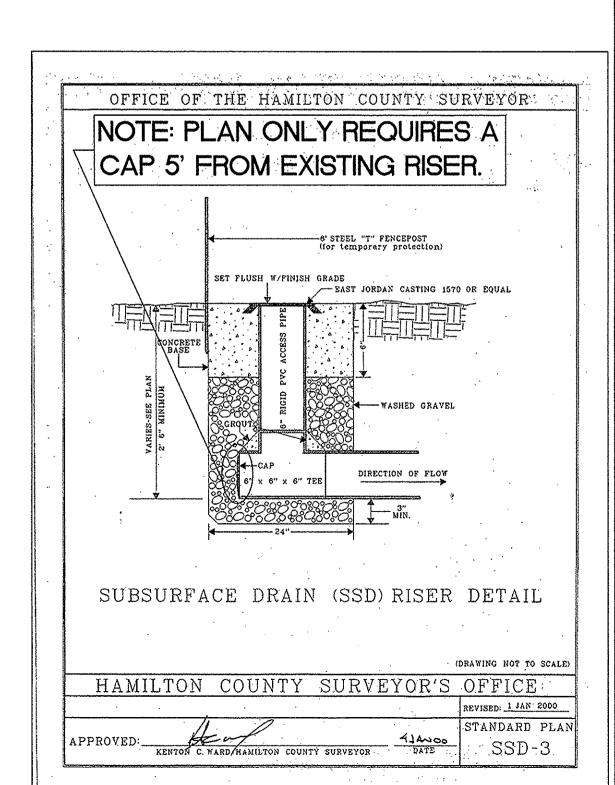


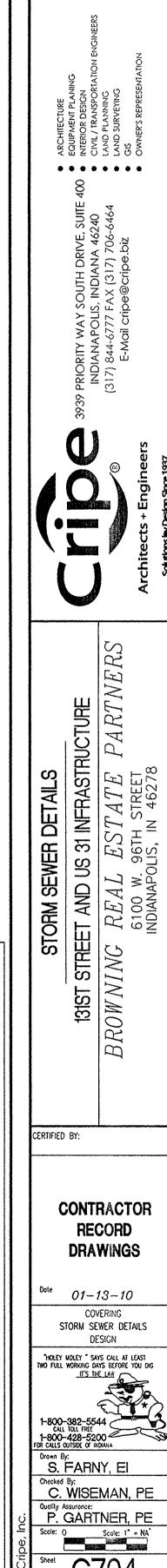
DRAWN: NDG

DATE: 8/17/07

CHECKED: GWB

FILE NAME: VSHS TYPTBL





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01-15-09

Project Number 0060384 - 20300