Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: Canal Place Section 1

					НАрр	
Drain Type:	Size:	Length Surveyors Report	Length (DB Query)	Length Reconcile	Price:	Cost:
55 D	6"	3428'	11,397.4	*		
RLP	12 n	1209'	1224.07	15.07		
RLP	15"	1156'	1269.68	113.68		
RLP	18"	331'	326.39	-4.61		
RLP	21"	244'	251.28	7.28		
RCP	24"	627'	ø	*		
RLP	27"	722'	417.65	*		
RLP	30 °	890'	212.84	*		
RCP	48"	895	869.99	-25.01		
open ditch		275	275	ø		
,						

	Sum:	9777	16244.30	 ***************************************
Final Report:_	16,244.30	<u></u>		
Comments:	nal Report t	for Changes	in footages	





Kenton C. Ward, Surveyor Phone (317) 776-8495 Fax (317) 776-0628

Suite 146 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

September 21, 1999

Re: Canal Place Drain, Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 1 Arm, Canal Place Drain. I have reviewed the submittals and petition and have found each to be in proper form.

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

6" SSD – 3,428 Ft. 18" RCP – 331 Ft. Open Ditch – 275 Ft. 21" RCP – 244 Ft. 12" RCP – 1,209 Ft. 24" RCP – 627 Ft. 15" RCP – 1,156 Ft. 27" RCP – 722 Ft.

30" RCP – 890 Ft. 48" RCP - 895 Ft.

The total length of the drain will be 9,777 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines, which are located within the right of way, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The open ditch listed above is that along the Northwest line of Lot 44 and the Southeast corner of Lot 11.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$4,250.00.

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

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Canal Place, Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for October 25, 1999.

Kenton C. Ward

Hamilton County Surveyor

KCW/llm

STATE OF INDIANA)

COUNTY OF HAMILTON)

RECEIVED PAUL I. CRIPE

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

OCT 2 2 1997

In	the	matter	of	Canal Place			Subdivision,
Section_	One	9			Drain	Petition.	

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Canal Place, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petetioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

- 1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- 2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

- 3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
- 4. The Petitioner shall instruct his Engineer to provide a reproducable print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
- 5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

Printed Name

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

Old Signed	2	Rosnef	,	
Signed		0		,.
Allen Rose	enberg,	Sr.		
Printed	Name			***
Signed				

RECORDED OWNER(S) OF LAND INVOLVED

Marina Limited Partnership

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Canal Place Drain, Section 1 Arm

On this 25th day of October 1999, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Canal Place Drain, Section 1.

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

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

Attest: Kinhaly Wallow

Fifth Third Bank

INTERNATIONAL DEPARTMENT
38 Fountain Square Plaza / Cincinnati, Ohio 45263
Phone (513) 579-5220

Cable dress: FIFTH THIRD

Telex number: 21-4567

ISSUING BANK: Fifth Third Bank International Division 38 Fountain Square Plaza Cincinnati, Ohio 45263

PLACE AND DATE OF ISSUE Cincinnati, Ohio 45263 Ø2 Sep.1999

APPLICANT: MARINA LIMITED PARTNERSHIP 11691 FALL CREEK ROAD INDIANAPOLIS, IN 45256 IRREVOCABLE STANDBY CREDIT NUMBER: SB11751

PAGE 1 of 2

EXPIRY DATE AND PLACE FOR PRESENTATION OF DOCUMENTS: 02 Sep. 2000 Our counters

BENEFICIARY: HAMILTON COUNTY BOARD OF COMMISSIONERS 1717 PLEASANT STREET NOBLESVILLE, IN 46038

AMOUNT: USD347,400.00
Three hundred forty seven thousand four hundred and 00/100
United States Dollars

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO. SB11751 IN YOUR FAVOR, AT THE REQUEST AND FOR THE ACCOUNT OF MARINA LIMITED PARTNERSHIP, 11691 FALL CREEK ROAD, INDIANAPOLIS, IN 45256 FOR ANY SUM OR SUMS NOT EXCEEDING \$347,400.00, AVAILABLE UPON PRESENTATION BY THE DIRECTOR OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR ANY EMPLOYEE ACTING UNDER HIS AUTHORITY, OF A LETTER SIGNED BY THE PRESIDENT OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED AS REQUIRED FOR STORM SEWERS AND SUBSURFACE DRAINAGE FOR CANAL PLACE SUBDIVISION, SECTION I. THE PRESIDENT'S LETTER SHALL ALSO INDICATE THE ESTIMATED COST OF COMPLETING THE IMPROVEMENTS.

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST STATE "DRAWN UNDER LETTER OF CREDIT NO. SB11751 OF FIFTH THIRD BANK, CINCINNATI, OHIO, DATED SEPTEMBER 2, 1999". THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTON	ATTEST:	
	HAMILTON CO	UNTY AUDITOR
DATE		

🕏 Fifth Third Bank

INTERNATIONAL DEPARTMENT
38 Fountain Square Plaza / Cincinnati, Ohio 45263
Phone (513) 579-5220

Cable address: FIFTH THIRD

Telex number: 21-4567

NUMBER SB11751 PAGE 2 of 2

THIS LETTER OF CREDIT IS EFFECTIVE AS OF SEPTEMBER 2, 1999, AND SHALL EXPIRE ON SEPTEMBER 2, 2000, BUT SUCH EXPIRATION DATE SHALL BE AUTOMATICALLY EXTENDED FOR A PERIOD OF ONE YEAR, ON SEPTEMBER 2, 2000, AND ON EACH SUCCESSIVE EXPIRATION DATE, UNLESS A RELEASE IS RECEIVED FROM THE HAMILTON COUNTY BOARD OF COMMISSIONERS, OR WE NOTIFY BOTH THE HAMILTON COUNTY BOARD OF COMMISSIONERS AND MARINA LIMITED PARTNERSHIP BY CERTIFIED MAIL, AT LEAST NINETY (90) DAYS BEFORE THE CURRENT EXPIRATION DATE, THAT WE HAVE DECIDED NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE CURRENT EXPIRATION DATE. IN THE EVENT OF SUCH NOTIFICATION BY US, THE CREDIT ESTABLISHED BY THIS LETTER SHALL BE AVAILABLE TO THE HAMILTON COUNTY BOARD OF COMMISSIONERS UPON ITS SIGHT DRAFT OR DEMAND FOR PAYMENT FOR NINETY (90) DAYS AFTER RECEIPT OF SUCH NOTICE BY THE HAMILTON COUNTY BOARD OF COMMISSIONERS, AS SHOWN ON THE SIGNED RETURN RECEIPT.

THE CREDIT ESTABLISHED BY THIS LETTER AND OUR OBLIGATION TO PAY SAME SHALL NOT BE AFFECTED BY THE RECEIVERSHIP, BANKRUPTCY OR INSOLVENCY OF MARINA LIMITED PARTNERSHIP OR THE ATTACHMENT OF HIS/HER PROPERTY. NOR SHALL THIS CREDIT OR OUR OBLIGATION TO PAY SAME BE AFFECTED BY ANY SECURITY AGREEMENT BETWEEN MARINA LIMITED PARTNERSHIP AND OUR BANK AND/OR AGENCY.

WHENEVER THIS LETTER OF CREDIT IS DRAWN ON UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT, WE SHALL PAY THE AMOUNT OF THE DRAFT DIRECTLY TO THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR IN ACCORDANCE WITH ITS INSTRUCTIONS.

REGARDS
THE FIFTH THIRD BANK
INTERNATIONAL DEPT.
CINCINNATI, OHIO USA
TLX 214567

orized Signature

Authorized Signature

Fifth Third Bank

INTERNATIONAL DEPARTMENT
38 Fountain Square Plaza / Cincinnati, Ohio 45263
Phone (513) 579-5220

Cable address: FIFTH THIRD

Telex number: 21-4567

ISSUING BANK: Fifth Third Bank International Division 38 Fountain Square Plaza Cincinnati, Ohio 45263

PLACE AND DATE OF ISSUE Cincinnati, Ohio 45263 02 Sep.1999

APPLICANT:
MARINA LIMITED PARTNERSHIP
11691 FALL CREEK ROAD
INDIANAPOLIS, IN 45256

IRREVOCABLE STANDBY CREDIT NUMBER: SB11750

PAGE 1 of E

EXPIRY DATE AND PLACE FOR PRESENTATION OF DOCUMENTS: 02 Sep. 2000
Our counters

BENEFICIARY: HAMILTON COUNTY BOARD OF COMMISSIONERS 1717 PLEASANT STREET NOBLESVILLE, IN 46038

AMOUNT: USD95,000.00
Ninety five thousand and 00/100
United States Dollars

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO. SB11750 IN YOUR FAVOR, AT THE REQUEST AND FOR THE ACCOUNT OF MARINA LIMITED PARTNERSHIP, 11691 FALL CREEK ROAD, INDIANAPOLIS, IN 45256 FOR ANY SUM OR SUMS NOT EXCEEDING \$95,000.00, AVAILABLE UPON PRESENTATION BY THE DIRECTOR OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR ANY EMPLOYEE ACTING UNDER HIS AUTHORITY, OF A LETTER SIGNED BY THE PRESIDENT OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED AS REQUIRED FOR EROSION CONTROL FOR CANAL PLACE SUBDIVISION, SECTION I. THE PRESIDENT'S LETTER SHALL ALSO INDICATE THE ESTIMATED COST OF COMPLETING THE

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST STATE "DRAWN UNDER LETTER OF CREDIT NO. SB11750 OF FIFTH THIRD BANK, CINCINNATI, OHIO, DATED SEPTEMBER 2, 1999". THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTON	ATTEST:
	HAMILTON COUNTY AUDITOR
DATE	

Fifth Third Bank

INTERNATIONAL DEPARTMENT
38 Fountain Square Plaza / Cincinnati, Ohio 45263
Phone (513) 579-5220

Cable address: FIFTH THIRD

Telex number: 21-4567

NUMBER SB11750 PAGE 2 of 2

THIS LETTER OF CREDIT IS EFFECTIVE AS OF SEPTEMBER 2, 1999, AND SHALL EXPIRE ON SEPTEMBER 2, 2000, BUT SUCH EXPIRATION DATE SHALL BE AUTOMATICALLY EXTENDED FOR A PERIOD OF ONE YEAR. ON SEPTEMBER 2, 2000, AND ON EACH SUCCESSIVE EXPIRATION DATE, UNLESS A RELEASE IS RECEIVED FROM THE HAMILTON COUNTY BOARD OF COMMISSIONERS, OR WE NOTIFY BOTH THE HAMILTON COUNTY BOARD OF COMMISSIONERS AND MARINA LIMITED PARTNERSHIP BY CERTIFIED MAIL, AT LEAST NINETY (90) DAYS BEFORE THE CURRENT EXPIRATION DATE, THAT WE HAVE DECIDED NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE CURRENT EXPIRATION DATE. IN THE EVENT OF SUCH NOTIFICATION BY US, THE CREDIT ESTABLISHED BY THIS LETTER SHALL BE AVAILABLE TO THE HAMILTON COUNTY BOARD OF COMMISSIONERS UPON ITS SIGHT DRAFT OR DEMAND FOR PAYMENT FOR NINETY (90) DAYS AFTER RECEIPT OF SUCH NOTICE BY THE HAMILTON COUNTY BOARD OF COMMISSIONERS, AS SHOWN ON THE SIGNED RETURN RECEIPT.

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REGARDS
THE FIFTH THIRD BANK
INTERNATIONAL DEPT.
CINCINNATI, DHIO USA
TLX 214567

Aughorized Signature

Authorized Signature

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor						
Re: Canal Place, Section One						
I hereby certify that:						
1. I am a Registered Land Surveyor or En	gineer in the State of Indiana.					
I am familiar with the plans and specifications for the above referenced project.						
 I have personally observed and supervi for the above referenced project. 	sed the completion of the drainage facilities					
4. The drainage facilities within the above knowledge, information and belief have with all plans and specifications.	e referenced project to the best of my e been installed and completed in conformity					
Signature: Joseph A. Sharp						
Business Name: Paul I. Cripe, In	C.					
Business Address: 7172 Graham Road						
Indianapolis, IN	46250					
Telephone Number: (317) 842-6777	1776 4					
SEAL	INDIANA REGISTRATION NUMBER					
	15179					



Kenton C. Ward, Surveyor Phone (317) 776-8495 Fax (317) 776-9628

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

To: Hamilton County Drainage Board

September 1, 2004

Re: Canal Place Drain: Section 1 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Canal Place Section 1. 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 September 21, 1999. The report was approved by the Board at the hearing held October 25, 1999. (See Drainage Board Minutes Book 5, Pages 250-252)

The changes are as follows:

Ine changes are Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
79	5 834.56	830.76	,				
78	4 834.28	829.38	12	43.4	3.18		
78	6 836.09	822.49					
78	5 837.12	822.47	27	175.84	0.01	203	-27.16
78	5 837.12	822.42					
78	4 834.28	821.78	27	241.81	0.26	245	-3.19
78	4 834.28	821.68				· _ ····	
78	3 834.4	821.72	30	32.47	0.12	29	3.47
78	3 834.4	821.69					
78	2 834.4	821.62	30	41.45	0.17	44	-2.55
78	2 834.4	821.6					
78	1	821	30	138.92	0.43	131	7.92
78	8 832.44	827.48					
78	7 832.4	826.1	12	64.46	2.14	63	1.46
78	7 832.4	826					:
78	6 836.09	823.09	12	199.57	1.46	200	-0.43
77	5 830.8	825.2					
76	9 829.44	822.98	12	188.07	1.2	186	2.07
77	7 827.23	821.08					
77	6 826.85	820.15	12	54.05	1.72	53	1.05
79	3 830.79	825.89					
79	2 830.7	825.6	12	35.82	0.81	34	1.82
79	2 830.7	825.6					
79	1 830.7	825.11	12	42.84	1.14	42	0.84

l	1 222.2	1		1	1	1	
791	830.7			1.1			
790	830.66	824.68	18	113.09	0.34	115	-1.91
790	830.66	824.63		<u></u>			
789	834.92	823.82	18	213.3	0.38	216	-2.7
789	834.92	823.72					
786	836.09	822.49	21	251.28	0.45	244	7.28
794	830.98	825.11					
791	830.66	825.06	12	50.81	1.42	51	-0.19
780	831.13	827.6					
779	830.84	827.15	12	64.57	0.69	63	1.57
779	830.84	827.04					
778	834.36	826.08	12	74.73	1.28	74	0.73
778	834.36	825.92					
778A	829.13	824.73	12	64.22	1.85	69	-4.78
778A	829.13	824.63					7.10
776	826.85	820.05	12	214.16	2.14	212	2.16
776	826.85	820.05					2.10
768	821.28	815.78	15	136.24	3.13	139	-2.76
774	814.44	810.14			<u> </u>	100	-2.70
773	814.11	809.31	12	22.93	3.62	20.02	2.91
773	814.11	809.31				20.02	2.31
765	814.75	808.3	12	22.44	4.5	20.55	1.89
772	828.05	823.35			- 4.0	20.00	1.09
771	829.67	821.17	15	198.93	1.1	202	3.07
771	829.67	821.17			· · · · · · · · · · · · · · · · · · ·	202	3.07
770	829.63	820.63	15	28.51	1.89	25	3.51
770	829.63	820.58		20.01	1.00		3.51
769	829.44	820.29	15	16.04	1.81	17	0.06
769	829.44	820.87		10.04	1.01	17	-0.96
768	821.28	815.78	15	245.58	1.83	246	0.40
768	821.28	815.78	10	240.00	1.03	240	-0.42
767	817.68	813.53	15	107.2	2.1	106	4.0
767	817.68	813.48	10	107.2	<u> </u>	106	1.2
766	815.55	809.65	15	120.00	2.02	104	0.40
766	815.55	819.6	13	130.88	2.93	134	-3.12
765	814.75	805.85	15	112 14	1 10	400	
765	814.75	805.84	- 13	112.14	1.16	109	3.14
764	014.70		1.5	000.74	0.05		
763		785.8	15	239.74	8.95	239	0.74
761	014	802	40	470.04			
761	814	800.15	48	179.64	2.15	181	-1.36
760	814	800.09		00.04			
760	814.07	799.92	48	29.01	0.59		
759	814.07	799.87		040.04			
	809.95	795.55	48	212.91	2.03		
759	809.95	795.5		4			
758	807.85	792.35	48	155.11	2.03	157	1.89
758	807.85	792.33			<u>-</u>		
757	807.68	791.68	48	23.3	2.79		

757	807.68	791.58			1	1	
756		785	48	270.02	2.44	266	4.02
755	822.23	817					
720	821.1	805.77	15	54.42	20.64		"
753	804.68	801.51					
754	804.68	801.32	12	37	0.5		
754	804.68	801.22					
706	807	802.73	12	45	4.79		

6" SSD Streets:

Waterway Blvd*	3887.91
Harbour Bay Dr.	133.5
Saddlestone Dr.	174.17
Jacobs Ct.	355.52
Kemp Ct.	177.76
Giselle Way	199.62
Stewards Ct.	370.2
Baybridge Way	136.36
Key Ct.	263.66

Total: 11397.4

RCP	Pipe	Totals:
-----	------	---------

RCP Pipe Totals:		
12	1224.07	
15	1269.68	
18	326.39	
21	251.28	
*24	0	
*27	417.65	
*30	212.84	
48	869.99	

Total: 4571.9

Other Drain:	
open ditch	275

Total: 275

The length of the drain due to the changes described above is now 16244.3 feet.

The non-enforcement was approved by the Board at its meeting on October 25, 1999 and recorded under instrument #200000039003.

The following sureties were guaranteed by Fifth Third Bank and released by the Board on its September 8, 2003 meeting.

Bond-LC No: SB11751

Insured For: Storm Sewers

Amount: \$347,000

Issue Date: September 2, 1999

Bond-LC No: SB11750

Insured For: Erosion Control

Amount: \$95,000

Issue Date: September 2, 1999

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

Sincerely,

Kenton C. Ward,

Hamilton County Surveyor

757	807.68	791.68	48	23.3	2.79		
757	807.68	791.58					
756	· · · · · · · · ·	785	48	270.02	2.44	266	4.02
755	822.23	817					
720	821.1	805.77	15	54.42	20.64		
753	804.68	801.51					
754	804.68	801.32	12	37	0.5		
754	804.68	801.22					
706	807	802.73	12	45	4.79		

6" SSD Streets:

Waterway Blvd*	3887.91
Harbour Bay Dr.	133.5
Saddlestone Dr.	174.17
Jacobs Ct.	355.52
Kemp Ct.	177.76
Giselle Way	199.62
Stewards Ct.	370.2
Baybridge Way	136.36
Key Ct.	263.66

Total: 11397.4

RCP	' Pip	е Т	ota	ls:

RCP Pipe Totals:	
12	1224.07
15	1269.68
18	326.39
21	251.28
*24	0
*27	417.65
*30	212.84
48	869.99
Total:	4571 Q

Other Drain:	
open ditch	275

Total: 275

The 6" ssd was miscalculated.

The length of the drain due to the changes described above is now 16244.3 feet.

The non-enforcement was approved by the Board at its meeting on October 25, 1999 and recorded under instrument #200000039003.

The following sureties were guaranteed by Fifth Third Bank and released by the Board on its September 8, 2003 meeting.

Bond-LC No: SB11751

Bond-LC No: SB11750

Insured For: Storm Sewers

Insured For: Erosion Control

Amount: \$347,000

Amount: \$95,000

Issue Date: September 2, 1999

Issue Date: September 2, 1999

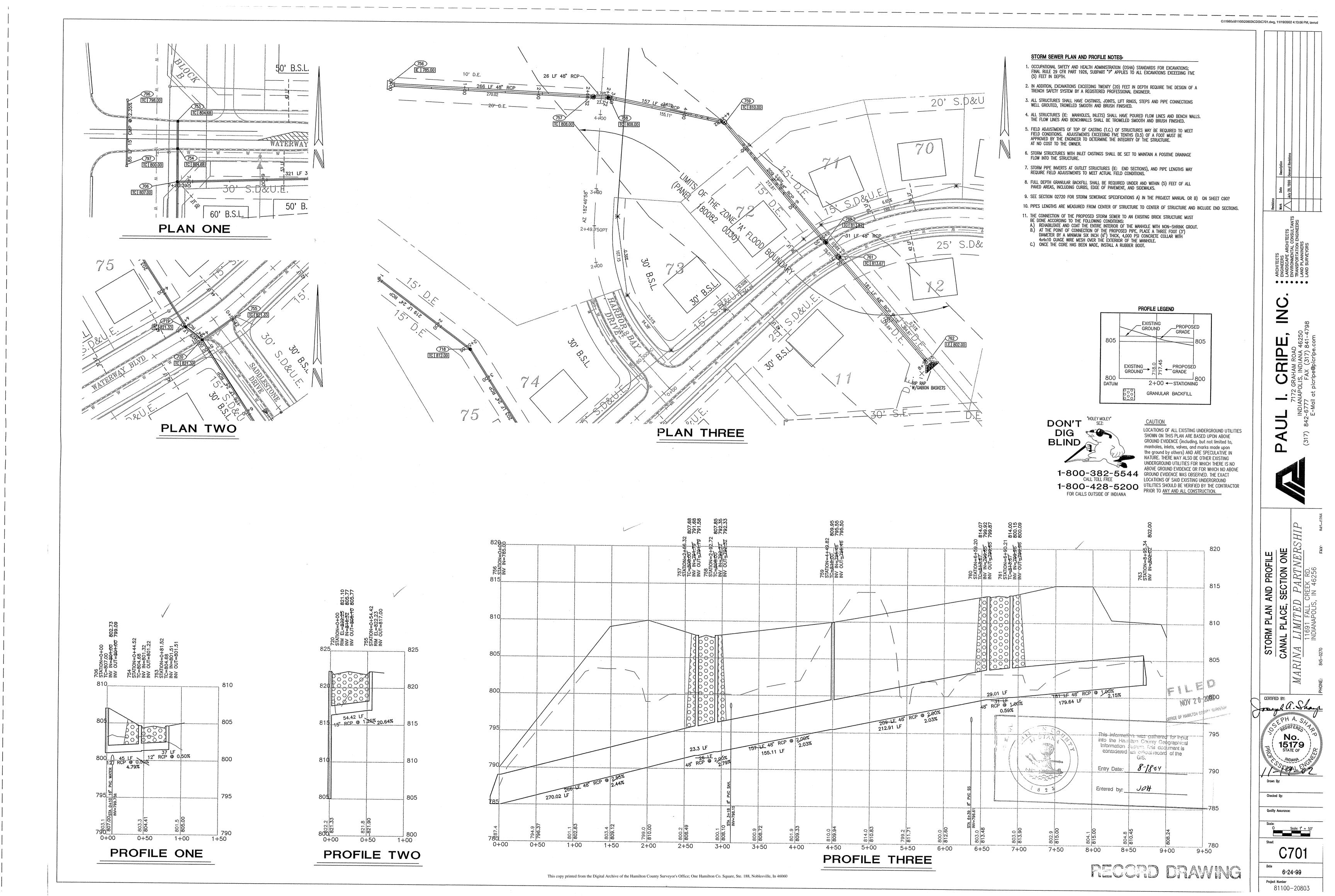
I recommend the Board approve the drain's construction as complete and acceptable.

Kenton C. Ward,

Hamilton County Surveyor

^{*}Note: Strs 707-701 and 717-721 were reported twice. Once for Canal Place Sec. 1 and again for Weatherstone Sec. 1. These runs of pipe will remain with the

Weatherstone Sec. 1 Arm. This accounts for the differences in the 24", 27" and 30" pipe.



246 LF 15" RCP @ 1.42% 245.58 LF

7+00

PROFILE FOUR

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6+50

8+00

8+50

9+00

9+50

10+00

10+50

11+00

This information was gathered for input
into the Hamilton County Geographical
into the Hamilton County
into the Ham

5+50

5+00

4+50

1+00

1+50

2+00

2+50

3+00

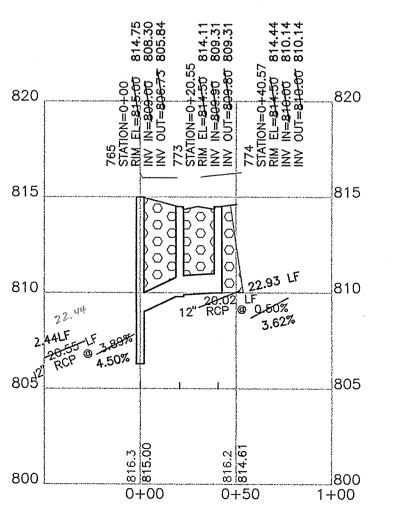
3+50

4+00

0+50

0+00

OFFICE OF HAMILTON COUNTY SURVEYOR



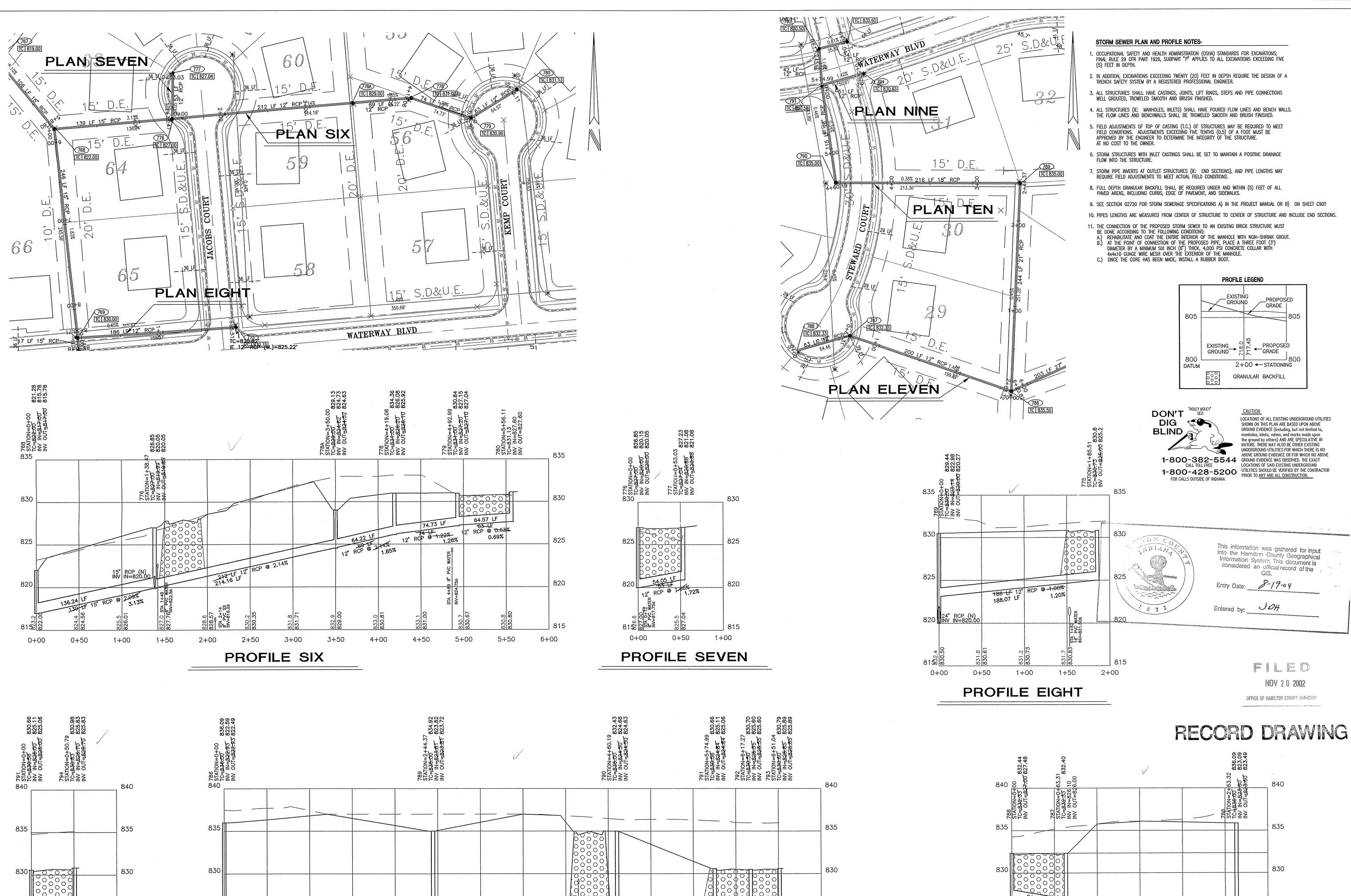
PROFILE FIVE

RECORD DRAWING

C702 6-24-99 Project Number 81100-20803

CERTIFIED BY:

No. 15179 STATE OF



115-LF 18" RCP @ 0.30% 113.09 LF 0.34%

5+00

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6+00

6+50

-216 LF 18" RCP @-0.32%

3+50

PROFILE TEN

2+50

2+00

0+00

PROFILE NINE

0+50

1+00

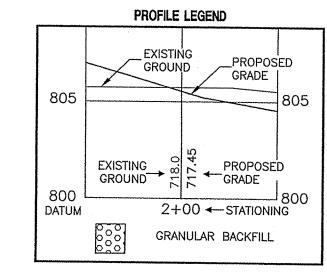
1+50

PROFILE TWELVE

STORM SEWER PLAN AND PROFILE NOTES:

- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- 2. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
- 4. ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
- 5. FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
- 6. STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
- 7. STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
- 8. FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
- 9. SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS A) IN THE PROJECT MANUAL OR B) ON SHEET C90?
- 10. PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
- 11. THE CONNECTION OF THE PROPOSED STORM SEWER TO AN EXISITING BRICK STRUCTURE MUST BE DONE ACCORDING TO THE FOLLOWING CONDITIONS:

 A.) REHABILITATE AND COAT THE ENTIRE INTERIOR OF THE MANHOLE WITH NON—SHRINK GROUT.
- B.) AT THE POINT OF CONNECTION OF THE PROPOSED PIPE, PLACE A THREE FOOT (3')
- DIAMETER BY A MINIMUM SIX INCH (6") THICK, 4,000 PSI CONCRETE COLLAR WITH 4x4x10 GUAGE WIRE MESH OVER THE EXTERIIOR OF THE MANHOLE. C.) ONCE THE CORE HAS BEEN MADE, INSTALL A RUBBER BOOT.



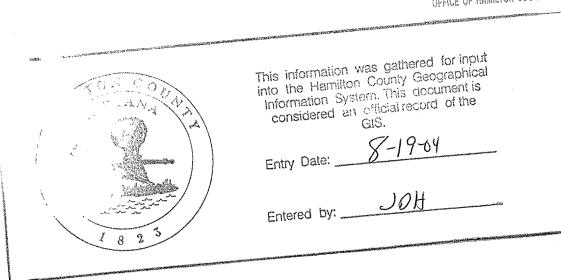


the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE 1-800-382-5544
CALL TOLL FREE

ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID ASISTING UNDERGROUND EVIDENCE OF THE CONTROL O 1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

NOV 20 2002 OFFICE OF HAMILTON COUNTY SURVEYOR



PROFILE THIRTEEN

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0+50

835

825

RECORD DRAWING

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STORM PLAN AND PROFILE

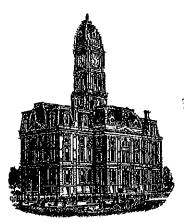
CANAL PLACE, SECTION ONE

ARINA LIMITED PARTNERSHII

11691 FALL CREEK RD.
INDIANAPOLIS, IN 46256

Joseph a. Shan REGISTERES

O Scale: 1" = 50"





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: 317 Drain Length: 16,244.3

Drain Name: Canal Place: Section 1 Arm Change +/-: 260

Date: 08-15-2017 **New Length:** 16,504.30

Verified By: SAB, BKR

Notes & Sketch: See attached Map

WO-2016-00260 added 6"SSD across rear of lots 29-30. Riser was also set. Project was surveyed by Brian Rayl.

Suzanne L. Mills GIS Specialist

