

**Drain:** SADDLE CREEK DRAIN

**Drain #:** 295

**Improvement/Arm:** SADDLE CREEK - SECTION 2

**Operator:** SLM/JOH

**Date:** 6-21-04

**Drain Classification:** Urban/Rural **Year Installed:** \_\_\_\_\_

### **GIS Drain Input Checklist**

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

SLM/JOH

N/A

SLM/JOH

SLM/JOH

N/A

SLM/JOH

JOH

JOH

JOH

JOH

## Gasb 34 Footages for Historical Cost Drain Length Log

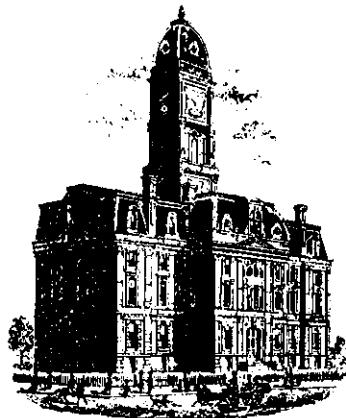
**Drain-Improvement:** SADDLE CREEK DRAIN - SADDLE CREEK - SECTION 2

$$\text{Sum: } \underline{\quad 4,793'} \quad \underline{\quad 4,779'} \quad \underline{-14'}$$

Final Report: \_\_\_\_\_

**Comments:**

SR AND AR DISAGREE ON 12" PVC



**SURVEYOR'S OFFICE**  
**Hamilton County**

Henton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-3230

August 22, 1996

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Saddle Creek Drain-Sections 1 and 2 Arms

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the Section 1 & 2 Arms Saddle Creek 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:

Section 1

6" SSD	5570 feet	24" RCP	1305 feet
12" RCP	380 feet	30" RCP	414 feet
15" RCP	235 feet	36" RCP	141 feet
18" RCP	318 feet	42" RCP	274 feet

Section 2

6" SSD	3940 feet	15" RCP	70 feet
12" PVC	14 feet	18" RCP	145 feet
12" RCP	288 feet	24" RCP	147 feet

The total length of the drain will be 8,657 feet for Section 1 and 4604 feet for Section 2.

The retention ponds (lakes) located in Block A in Section is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The

maintenance of the pond (lake) will be the responsibility of the Twin Lakes Golf Course. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or rear yards. Only the main SSD lines which are located within the Easement/Right of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

Section 1  
Rear Lot 34  
Rear Lots 22,23  
Rear Lot 1

Section 2  
Rear Lots 35-37  
Rear Lots 67,63  
Rear Lot 51; Lots 45 to 48

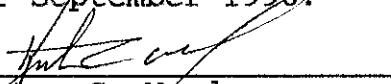
I have reviewed the plans and believe the drain will benefit each lot equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this section will be \$211.55.

Parcels assessed for this drain may be assessed for the Collins-Osborn or Williams Creek Drain at sometime in the future. Parcels assessed for this drain will also be assessed for the O.F. Henley and Stultz and Almond Drain.

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

I recommend that upon approval of the above proposed drain the Board also approved the 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 Saddle Creek Sections 1 & 2, as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for September 1996.

  
\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Surveyor  
KCW/no

FILE  
COPY

Bond No. 54-081815

# UNITED FIRE & CASUALTY COMPANY

CEDAR RAPIDS, IOWA  
(A STOCK COMPANY)

## SUBDIVISION BOND

KNOW ALL MEN BY THESE PRESENTS, That we, SADDLE CREEK DEVELOPMENT

of P O BOX 1605 CARMEL, IN 46032

(hereinafter called Principal), and the UNITED FIRE & CASUALTY COMPANY, an Iowa Corporation of Cedar Rapids, Iowa (hereinafter called Surety), are held and firmly bound unto the

THE BOARD OF HAMILTON COUNTY COMMISSIONERS

, as Obligee in the penal sum of \$TWO HUNDRED, THIRTY FIVE THOUSAND, SIX HUNDRED AND SEVENTY-SEVEN & 00/100----- (\$ 235,677.00----- )

Dollars lawful money of the United States of America, for the payment of which whereof, well and truly to be made, the said Principal binds themselves, their heirs, executors and administrators, successors and assigns, and the Surety binds itself, its successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden, SADDLE CREEK DEVELOPMENT have asked for the approval of a certain subdivision known as SADDLE CREEK.

NOW, THEREFORE, if the above bounden, SADDLE CREEK DEVELOPMENT shall construct SEC 1 & 2, STORM SEWERS SUB-SURFACE DRAINS MONUMENTATION, and pay a reasonable inspection fee therefore, all as a part of the platting ordinance of the BOARD OF HAMILTON COUNTY COMMISSIONERS, all of which to be completed within two (2) years from the date of acceptance of the final plat then this obligation to be null and void; otherwise to be and remain in full force and effect.

It is understood and agreed, however, that the liability of the Surety hereunder shall not exceed (1) the penal sum hereof, or (2) the actual cost unto the BOARD OF HAMILTON COUNTY COMMISSIONERS, for the completing such specified improvements, should such costs be less than the penal sum hereof.

Dated at INDIANAPOLIS, this 9TH day of AUGUST,  
19 96,

SADDLE CREEK DEVELOPMENT  
BY  
(Principal) JOHN J. KENNELL  
PRESIDENT

UNITED FIRE & CASUALTY COMPANY  
BY  
Attorney-in-Fact  
JOHN M. THIXTON

# UNITED FIRE & CASUALTY COMPANY

HOME OFFICE - CEDAR RAPIDS, IOWA

## CERTIFIED COPY OF POWER OF ATTORNEY

(Original on file at Home Office of Company - See Certification)

KNOW ALL MEN BY THESE PRESENTS, That the UNITED FIRE & CASUALTY COMPANY, a corporation duly organized and existing under the laws of the State of Iowa, and having its principal office in Cedar Rapids, State of Iowa, does make, constitute and appoint JOHN M. THIXTON, OR TERESA VINSON, OR JOSEPH M. GLOGOZA, ALL INDIVIDUALLY

of P O BOX 502948 INDIANAPOLIS IN 46250

its true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature as follows: ANY AND ALL BONDS

and to bind UNITED FIRE & CASUALTY COMPANY thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of UNITED FIRE & CASUALTY COMPANY and all the acts of said Attorney, pursuant to the authority hereby given are hereby ratified and confirmed.

The Authority hereby granted shall expire MAY 23rd 1998 unless sooner revoked.

This power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company on April 18, 1973.

### "Article V - Surety Bonds and Undertakings."

Section 2, Appointment of Attorney-in-Fact. "The President or any Vice President, or any other officer of the Company, may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The President or any Vice President, the Board of Directors or any other officer of the Company may at any time revoke all power and authority previously given to any attorney-in-fact.

IN WITNESS WHEREOF, the UNITED FIRE & CASUALTY COMPANY has caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 23rd day of MAY

,A.D. 1996

UNITED FIRE & CASUALTY COMPANY

By *Maynard L. Hansen*  
Vice President

State of Iowa, County of Linn, ss:

On this 23rd day of MAY 1996, before me personally came MAYNARD L. HANSEN to me known, who being by me duly sworn, did depose and say: that he resides in Cedar Rapids, State of Iowa; that he is a Vice President of the UNITED FIRE & CASUALTY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.



Notary Public

My commission expires FEBRUARY 9, 1997

### CERTIFICATION

I, the undersigned officer of the UNITED FIRE & CASUALTY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID COMPANY, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Company this 9TH day of AUGUST 1996

*Suzette L. Canning*  
Asst. Secretary

*GASB 34 – Value Calculations*

**Saddle Creek Sec. 3 & 4**

**Bond Amount: \$315,400.00**

**Total Feet apart of OF Henley Drain: 1,923 feet**

**Total Feet for Saddle Creek Sec 3: 8,713**

**Total Feet for Saddle Creek Sec 4: 6,377**

**Total Drain Constructed: 17,013**

**OF Henley = 1923/17013 = 11% x 315,4000 = \$34,694**

**Sec 3 = 8713/17013 = 51% x 315,400 = \$160,854**

**Sec. 4 = 6377/ 17013 = 38% x 315,400 = \$119,852**

**Saddle Creek Sec. 1 & 2**

**Bond Amount: \$235,677**

**Total Feet apart of OF Henley Drain: 1,070 feet**

**Total Feet for Saddle Creek Sec 1: 9,572**

**Total Feet for Saddle Creek Sec 2: 4,793**

**Total Drain Constructed: 15,435**

**OF Henley = 1070/15435 = 7% x 235,677 = \$16,497.39**

**Sec 1 = 9572/15435 = 62% x 235,677 = \$146,119.74**

**Sec. 2 = 4793/15435 = 31% x 235,677 = \$73,059.87**

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: Saddle Creek Section 2

I hereby certify that:

- 1.) I am a Registered Land Surveyor 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: Bruce Hagen Date: 7/23/98

Type or Printed Name: Bruce Hagen

Business Address: Paul I Cripe Inc. 7172 Graham Rd.

Indianapolis IN. 46250

Telephone: (317) 842-6777

INDIANA REGISTRATION NUMBER

920299

SEAL



**FILED**

JUL 28 1998

OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Saddle Creek Section 1

I hereby certify that:

- 1.) I am a Registered Land Surveyor 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: Bruce Hagen

Date: 7/23/98

Type or Printed Name: Bruce Hagen

Business Address: Paul I Cripe Inc 7172 Graham Rd.

Indianapolis, IN 46250

Telephone: (317) 842-6777

INDIANA REGISTRATION NUMBER

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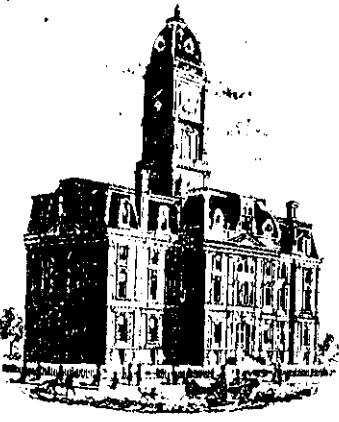
SEAL



**FILED**

JUL 28 1998

OFFICE OF HAMILTON COUNTY SURVEYOR



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square  
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

February 1, 1999

**Re: Saddle Creek Drain: Secs. 1 & 2 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Section 1 & 2. 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 August 22, 1996. The changes are as follows:

**Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:**  
**Section 2**

728	896.09	893.46					
727	896.75	892.47	12	60			
727	896.75	892.47					
726	896.99	891.83	12	117		120	-3
726	896.99	891.8					
725	897.49	891.23	15	71		70	1
725	897.49	890.29					
724	894.38	890.05	24	147			
725	897.49	891.23					
729	896.36	893.08	12	33			
726	896.99	891.89					
730	895.92	892.17	12	15			
730	895.92	892.25					
731	896.01	892.51	12	30			
710	895.89	892.79					
709	895.87	892.14	12	30			
709	895.87	891.92					
708	896.83	890.5	18	146		145	1
710a		893.1					
710b		893.24	12 pvc	14			
<b>Section 1</b>							

708	896.83	890.41					
707	896.12	889.5	24	314		310	4
707	896.12	889.44					
706	895.02	889	24	<del>162</del> 163		165	-3
706	895.02	888.82					
705	894.7	888.3	30	175		179	-4
705	894.7	888.9					
704	894.89	887.48	36	112		113	-1
704	894.89	887.48					
703	894.86	887.43	36	28			
703	894.86	887.43					
702	896.85	887.35	42	88		85	3
702	896.85	887.3					
701		887.03	42	234		189	45
706	895.02	888.96					
711	894.94	889.49	24	77		76	1
711	894.94	889.49					
712	896.24	890.31	24	219			
712	896.24	890.31					
713	894.87	890.87	18	54		51	3
713	894.87	890.98					
714	895.42	892.07	12	59			
713	894.87	890.98					
717	894.88	891.26	15	30			
717	894.88	891.3					
718	894.85	891.64	12	118		110	8
718	894.85	891.77					
719	896.95	891.85	12	26		35	-9
751	894.31	890.96					
750	894.29	890.52	12	30			
750	894.29	890.52					
705	894.7	888.3	12	13			
755		891.92					
754	893.79	891.64	12	29		41	-12
757		887.12					
756		884.51	12	32		37	-5
724	894.38	889.95					
723	895.31	889.1	24	161		162	-1
723	895.31	889					
722	895.32	888.28	24	151		153	-2
722	895.32	887.86					
721	895.29	887.68	30	30			
721	895.29	887.68					
720		887.15	30	178		205	-27
738	897.12	893.84					
737	897.25	892.79	12	28			

737	897.25	892.71					
736	893.97	889.88	15	163	164	-1	
736	893.97	889.8					
734	895.03	888.27	18	268	267	1	
734	895.03	888.22					
733	894.97	887.93	24	30			
733	894.97	887.86					
732		887.3	24	199	190	9	
752		886.74					
753		886.91	15	47	41	6	
754	893.79	891.64					
754a		891.38	12"cmp	27			
758		896.25					
759		883.16	12	195	additional pipe		

#### 6" SSD Streets:

Section 2	
Royal Saddle Dr.	1765
	x 2
<b>Total</b>	<b>3530</b>
Section 1	
Royal Saddle Dr.	555
Golden Saddle Ct.	280
Magic Stallion Dr.	1815
Polo Chase Ct.	315
	x 2
<b>Total</b>	<b>5930</b>

#### RCP Pipe Totals:

Section 2	
12"	285
15"	71
18"	146
24"	147
<b>Total</b>	<b>649</b>
Section 1	
12"	530
15"	240
18"	322
24"	1313

193'  
1314'

#### 6" SSD Lots:

Section 2	
49-51	305
35-37	295
<b>Total</b>	<b>600</b>
Section 1	
1	108
22-23	215
34	42
<b>Total</b>	<b>365</b>

30"	383
36"	140
42"	322
<b>Total</b>	<b>3250</b>
Other Drain:	
Section 2- 12" pvc	14'
Section 1- 12" cmp	27'

668' The length of the drain due to the changes described above is as follows: **Section 1 - 9,572 ft and Section 2 - 4,793 ft.**

The non-enforcement was approved by the Board at its meeting on January 25, 1999 and recorded under instrument #9909906398 & 9909906399.

OF WENDELL  
DRAIN

The bond or letter of credit from United Fire & Casualty Co., number 54-081815; dated August 9, 1996; in the amount of \$235,677.00; was released December 28, 1999.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,



Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

## Asbuilt Structures

**Project:** Saddle Creek Drain: Sec.1 & 2

<b>Structure:</b>	<b>T.C.:</b>	<b>I.E.:</b>	<b>Pipe:</b>	<b>Length:</b>	<b>Original Plans:</b>	<b>Difference:</b>
<b>Section 2</b>						

728	896.09	893.46				
727	896.75	892.47	12	60		
727	896.75	892.47				
726	896.99	891.83	12	117	120	-3
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725	897.49	890.29				
724	894.38	890.05	24	147		
725	897.49	891.23				
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731	896.01	892.51	12	30		
710	895.89	892.79				
709	895.87	892.14	12	30		
709	895.87	891.92				
708	896.83	890.5	18	146	145	1
710a		893.1				
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708	896.83	890.41				
707	896.12	889.5	24	314	310	4
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704	894.89	887.48	36	112	113	-1
704	894.89	887.48				
703	894.86	887.43	36	28		
703	894.86	887.43				
702	896.85	887.35	42	88	85	3
702	896.85	887.3				
701		887.03	42	234	189	45
706	895.02	888.96				
711	894.94	889.49	24	77	76	1
711	894.94	889.49				
712	896.24	890.31	24	219		
712	896.24	890.31				

713	894.87	890.87	18	54	51	3
713	894.87	890.98				
714	895.42	892.07	12	59		
713	894.87	890.98				
717	894.88	891.26	15	30		
717	894.88	891.3				
718	894.85	891.64	12	118	110	8
718	894.85	891.77				
719	896.95	891.85	12	26	35	-9
751	894.31	890.96				
750	894.29	890.52	12	30		
750	894.29	890.52				
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754	893.79	891.64	12	29	41	-12
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756		884.51	12	32	37	-5
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723	895.31	889				
722	895.32	888.28	24	151	153	-2
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721	895.29	887.68	30	30		
721	895.29	887.68				
720		887.15	30	178	205	-27
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737	897.25	892.71				
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734	895.03	888.22				
733	894.97	887.93	24	30		
733	894.97	887.86				
732		887.3	24	199	190	9
752		886.74				
753		886.91	15	47	41	6
754	893.79	891.64				
754a		891.38	12"cmp	27		
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	x 2
Total	3530
Section 1	
Royal Saddle Dr.	555

#### 6" SSD Lots:

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Total	600
Section 1	
1	108

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Polo Chase Ct.	315
	x 2
<b>Total</b>	<b>5930</b>

22-23	215
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**RCP Pipe Totals:**

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12"	285
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24"	1313

30"	383
36"	140
42"	322
<b>Total</b>	<b>3250</b>
<b>Other Drain:</b>	
<b>Section 2- 12" pvc</b>	<b>14'</b>
<b>Section 1- 12" cmp</b>	<b>27'</b>

**Total Length of Drain Sec 2:** 4793

**Total Length of Drain Sec 1:** 9572

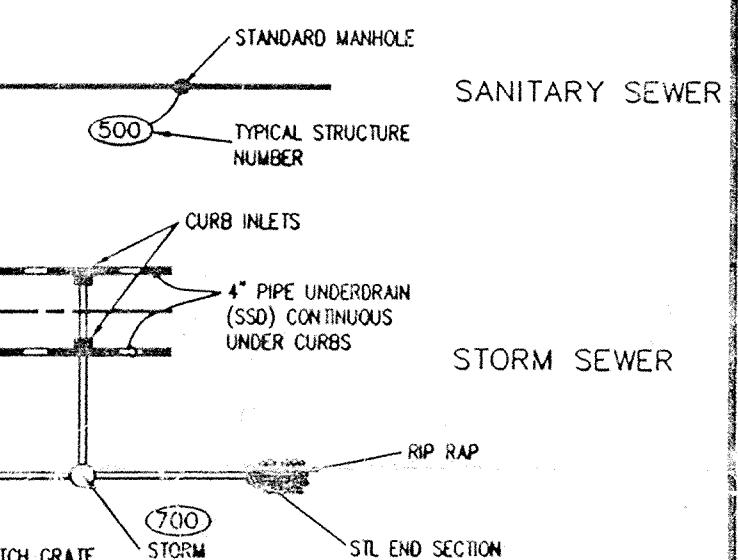
## STRUCTURE DATA

## PIPE DATA

STR#	STRUCTURE TYPE	CASTING TYPE (NEENAH EO)	T.G. FL.	DIA.	LEN.	SLOPE	NAT.
700	CONCRETE END SECTION	-	42'	50"	0.14%	RCP	
701	96" MANHOLE	R-1772-A	42'	8.60"	0.12%	RCP	
702	96" MANHOLE	R-1772-A	42'	8.28"	0.25%	RCP	
703	96" MANHOLE	R-3501-N (TWO)	7.15'	36"	0.21%	RCP	
704	72" MANHOLE	R-3501-N (TWO)	6.94'	36"	0.19%	RCP	
705	72" MANHOLE	R-1772-A	42'	113"	0.19%	RCP	
706	72" SHALLOW MANHOLE	R-4342	30'	179"	0.35%	RCP	
707	60" MANHOLE	R-4342	30'	165"	0.21%	RCP	
708	60" MANHOLE	R-4342	30'	165"	0.21%	RCP	
709	60" MANHOLE	R-3501-N (TWO)	41.5'	18"	0.74%	RCP	
710	TYPE "A" DOUBLE INLET (MOD)	R-3501-N (TWO)	41.5'	12"	30"	1.93%	RCP
711	60" SHALLOW MANHOLE	R-4342	4.92'	-	-	-	-
712	60" SHALLOW MANHOLE	R-1772-A	4.79"	24"	219"	0.74%	RCP
713	60" SHALLOW MANHOLE	R-3501-N (TWO)	3.89'	19"	29"	1.06%	RCP
714	TYPE "A" DOUBLE INLET (MOD)	R-3501-N (TWO)	3.33'	15"	29"	0.43%	RCP
715	TYPE "E" INLET (MODIFIED)	R-4342	3.23'	12"	110"	0.27%	RCP
716	TYPE "E" INLET	R-4342	3.23'	12"	35"	0.29%	RCP
717	TYPE "E" INLET	R-4342	3.23'	12"	110"	0.27%	RCP
718	TYPE "E" INLET	R-4342	3.23'	12"	35"	0.29%	RCP
719	TYPE "E" INLET	R-4342	3.23'	12"	35"	0.29%	RCP
720	CONCRETE END SECTION	-	-	30"	205"	0.27%	RCP
721	60" MANHOLE	R-3501-N (TWO)	7.55'	30"	205"	0.20%	RCP
722	60" SHALLOW MANHOLE	R-4342	5.91"	24"	153"	0.51%	RCP
723	60" SHALLOW MANHOLE	R-4342	4.79"	24"	162"	0.44%	RCP
724	60" SHALLOW MANHOLE	R-1772-A	4.79"	15"	257"	0.67%	RCP
725	48" MANHOLE	R-1772-A	6.33'	15"	70"	1.00%	RCP
726	48" SHALLOW MANHOLE	R-4342	5.31"	12"	120"	0.43%	RCP
727	TYPE "E" INLET	R-4342	3.30"	12"	60"	0.35%	RCP
728	TYPE "E" INLET	R-3501-N (TWO)	3.34"	12"	30"	-	-
729	TYPE "A" DOUBLE INLET (MOD)	R-3501-N (TWO)	3.34"	12"	30"	0.80%	RCP
730	48" SHALLOW MANHOLE	R-3501-N (TWO)	3.60"	12"	30"	-	-
731	CONCRETE END SECTION	R-3501-N (TWO)	3.21"	-	-	-	-
732	CONCRETE END SECTION	R-3501-N (TWO)	7.12"	24"	190"	0.25%	RCP
733	48" MANHOLE	R-3501-N (TWO)	6.98"	24"	257"	0.67%	RCP
734	60" SHALLOW MANHOLE	R-1772-A	3.52'	15"	164"	1.80%	RCP
735	SHALLOW MANHOLE	R-3501-N (TWO)	4.01"	12"	28"	1.70%	RCP
736	48" SHALLOW MANHOLE	R-3501-N (TWO)	3.88"	12"	30"	-	-
737	60" SHALLOW MANHOLE	R-3501-N (TWO)	3.40"	12"	126"	0.26%	RCP
738	CONCRETE END SECTION	R-1772-A	2.65"	12"	41"	2.00%	RCP
739	CONCRETE END SECTION	R-3501-N (TWO)	-	-	-	-	-
740	CONCRETE END SECTION	R-3501-N (TWO)	-	-	-	-	-
741	CONCRETE END SECTION	R-1772-A	-	-	-	-	-
742	CONCRETE END SECTION	R-3501-N (TWO)	-	-	-	-	-

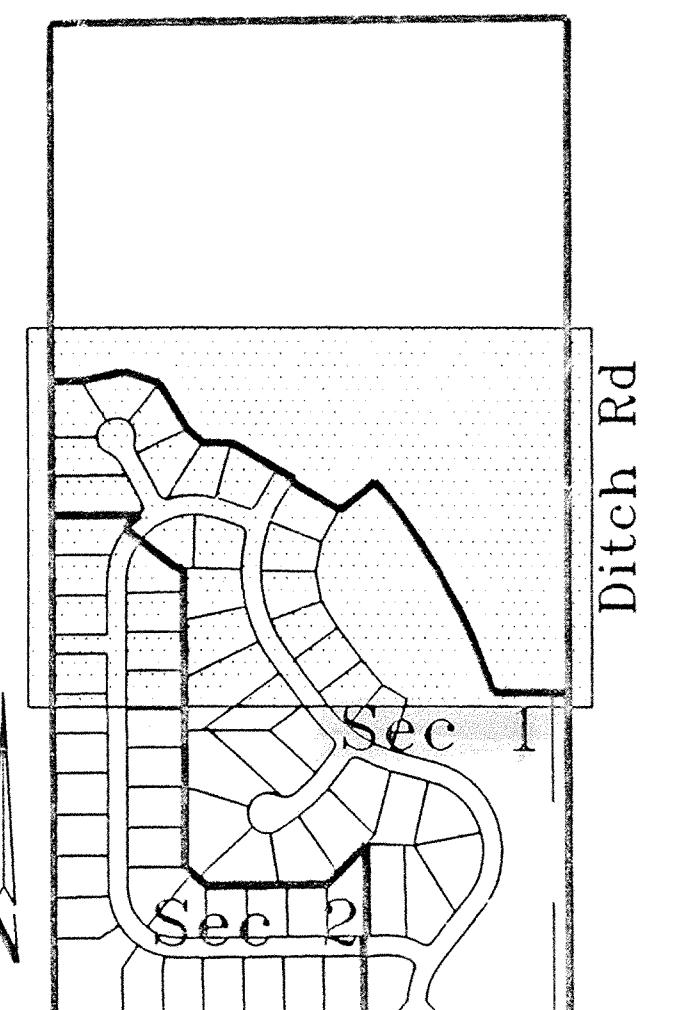
STRUCTURE 750 TO STRUCTURE 705	12"	13"	4.76%	RCP
STRUCTURE 711 TO STRUCTURE 706	24"	76"	0.32%	RCP
STRUCTURE 717 TO STRUCTURE 713	15"	30"	0.40%	RCP
STRUCTURE 729 TO STRUCTURE 725	12"	33"	5.20%	RCP
STRUCTURE 730 TO STRUCTURE 726	12"	15"	2.60%	RCP

## LEGEND



NOTE: 1. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.  
 2. TOPOGRAPHIC AND PLANIMETRIC INFORMATION WAS OBTAINED BY FIELD MEASUREMENT IN MARCH 1995.  
 3. SEE SHEETS C401-C403 FOR INTERSECTION & ENTRANCE DETAILS.  
 4. SEE SHEETS C507, C705, & C801-C803 FOR SPECS & DETAILS.  
 5. THE LEGAL DRAW EASEMENT SHOWN ON THIS PLAN FROM MEHE ENGINEERING PER INDIANA CODE, A TYPICAL LEGAL DRAW EASEMENT IS 75' FROM THE CENTER LINE OF A TILE OR THE TOP OF BANK OF AN OPEN DITCH.  
 6. ADDITIONAL Erosion control measures may be req'd to be implemented during the construction phase.

141st St



KEY MAP

SADDLE CREEK SEC. 1 &amp; 2

DWG. TYPE FILE NUMBER

JOB NUMBER

C202

SHEET:

C202

FILE NUMBER

960324-20000

DATE: 11/3/97

DRAWING TITLE:

DATE: 08-19-96

QUALITY ASSURANCE:

DATE: 08-19-96

DIA. LEN. SLOPE NAT.

T.G. FL.

STRUCTURE DATA PIPE DATA

STR# STRUCTURE TYPE CASTING TYPE (NEENAH EO)

DIA. LEN. SLOPE NAT.

T.G. FL.

STRUCTURE DATA PIPE DATA

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T.G. FL.

STRUCTURE DATA PIPE DATA

STR# STRUCTURE TYPE CASTING TYPE (NEENAH EO)

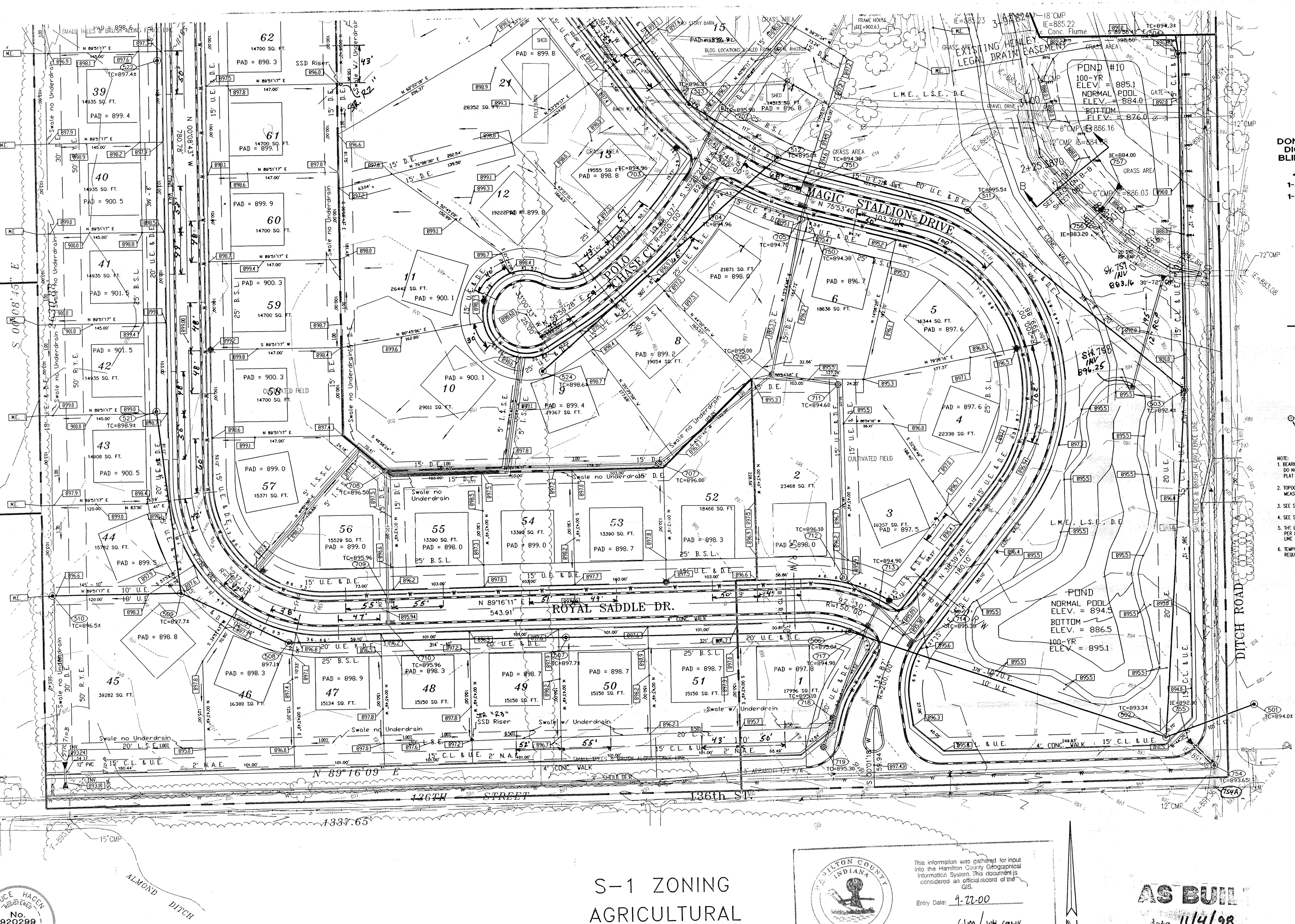
DIA. LEN. SLOPE NAT.

T.G. FL.

STRUCTURE DATA PIPE DATA

STR# STRUCTURE TYPE CASTING TYPE (NEENAH EO)

D



This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 9-22-00

51m / 10H 621-04

# AS BUN

Date 11/4/98

# S-1 ZONING AGRICULTURAL

IDENTIFIED BY:	REVISIONS	REVISIONS
	8-19-96: REVISIONS PER STEVE CASH (8-14-96)	
	10-4-96: REV. SWALE AND SSD BEHIND LOTS 45-50	
	11-4-98 Add SSD As-Built Info	
	11-4-98 Add As-built Info for Pond	



# PAUL I. CRIPE, INC.

7172 GRAHAM ROAD  
INDIANAPOLIS, INDIANA 46256

- CIVIL ENGINEER
  - LAND SURVEYOR
  - ARCHITECTURE
  - LAND PLANNING

G      QUALITY ASSURANCE

1. *Leucosia* *leucostoma* (Fabricius) (Fig. 1)

DATE:	08-19-96
SCALE:	1"=50'

**DRAWING TITLE:**

**SITE DEVELOPMENT PLAN**

**SHEET 1 OF 2**

SADDLE CREEK SEC. 1 & 2						
PE	FILE NUMBER					SHEET:
						C201
JOB NUMBER						
960324-20000						

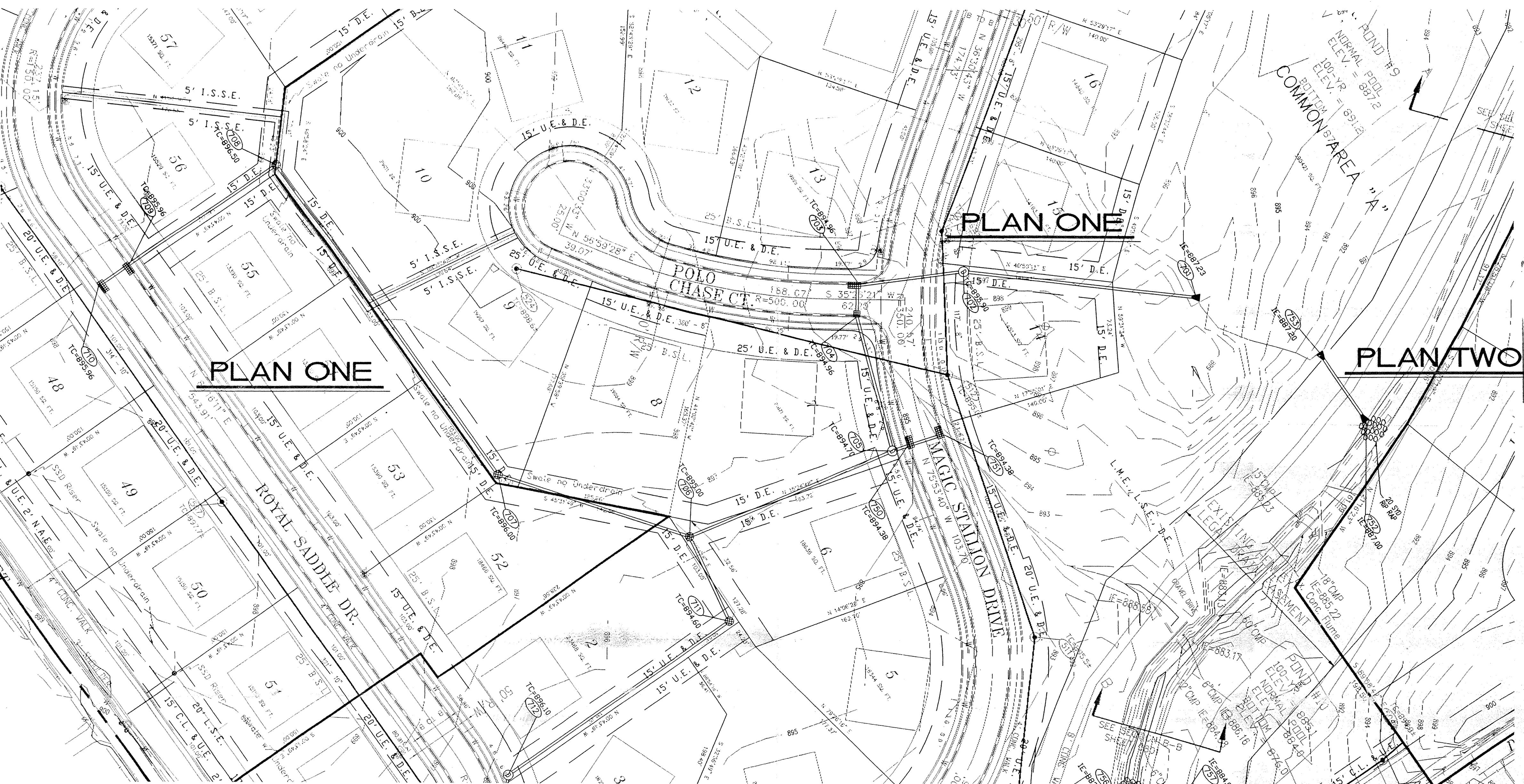
NOTES: 1. CUTS OR FILLS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE ● Q TO PROPOSED GRADE ● TOP OF CURB

2. 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.

3. PIPE LENGTHS INCLUDE END SECTIONS.

4. FOR CURB CASTINGS, THE TC ELEVATION IS AT THE TOP OF CURB.

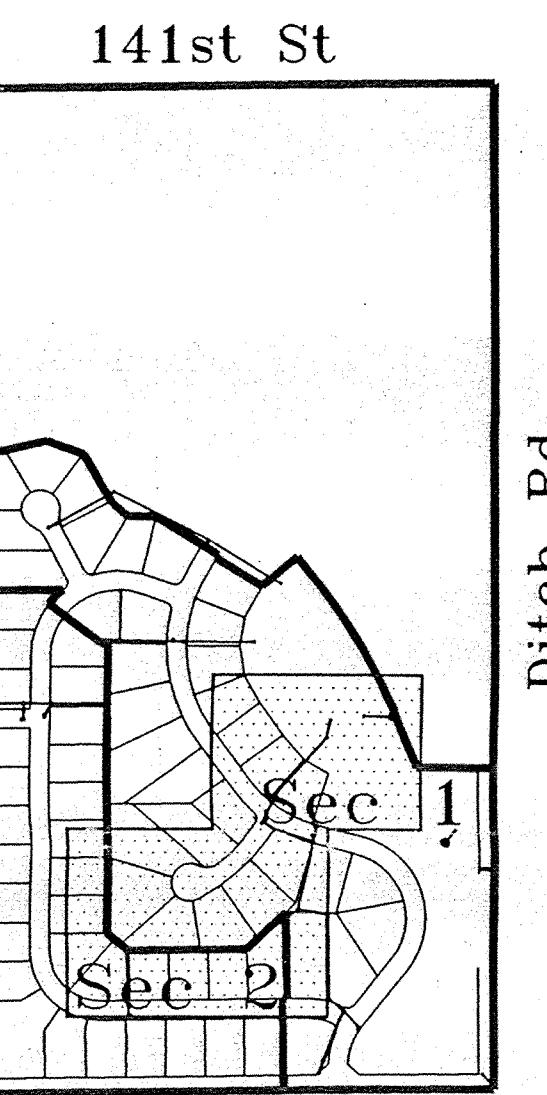
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.



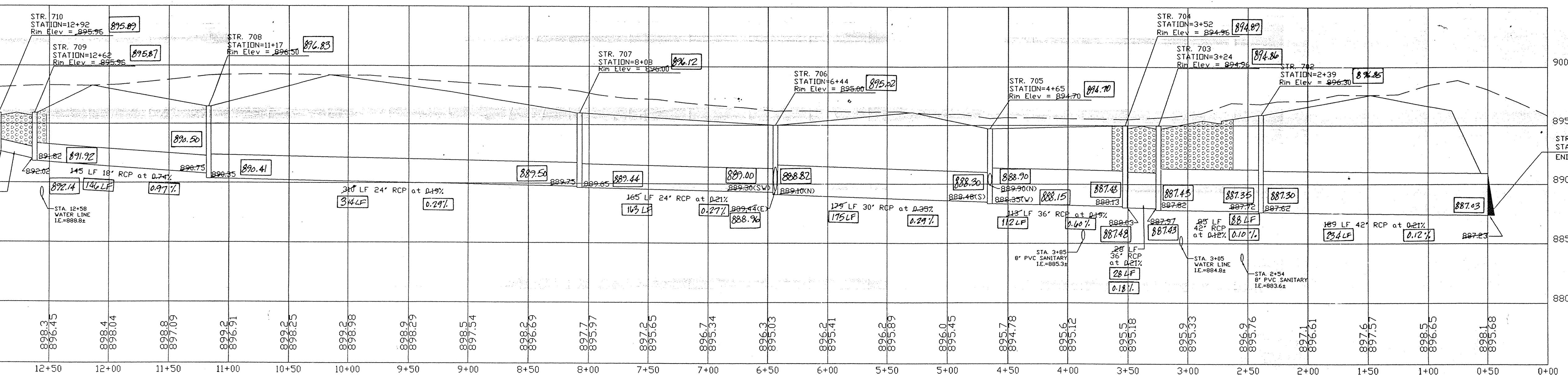
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an attachment to the GIS.

Entry Date: 01-22-00

Entered by: SIM/JOH 6/21/99



136th St  
KEY MAP



PROFILE TWO

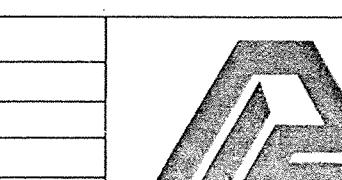
SADDLE CREEK SEC. 1 & 2

DWG. TYPE	FILE NUMBER	SHEET:
		C701

CERTIFIED BY: Bruce Hagen  
date 7/26/98

REVISIONS	REVISIONS
6/1/96 QA REVISIONS EFG	
08/13/96 Revise per Ham Cty. Surv. BEH	

DATE : 08/13/96

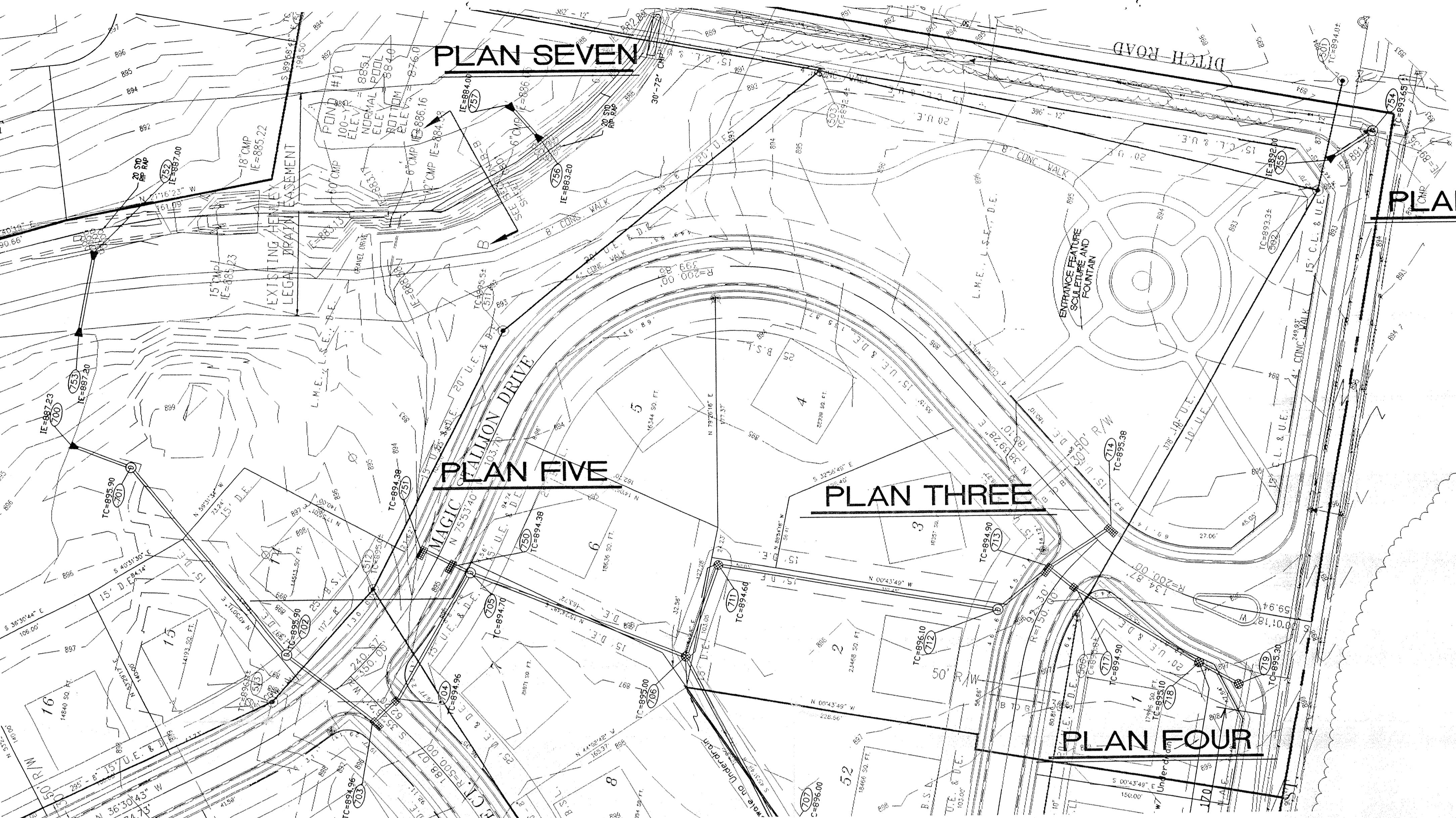


PAUL I. CRYPE, INC.  
7172 GRAHAM ROAD  
INDIANAPOLIS, INDIANA 46250  
(317) 842-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

QUALITY ASSURANCE:  
DATE: 04-24-96  
SCALE: HORZ. 1"=50'  
VERT. 1"=5'

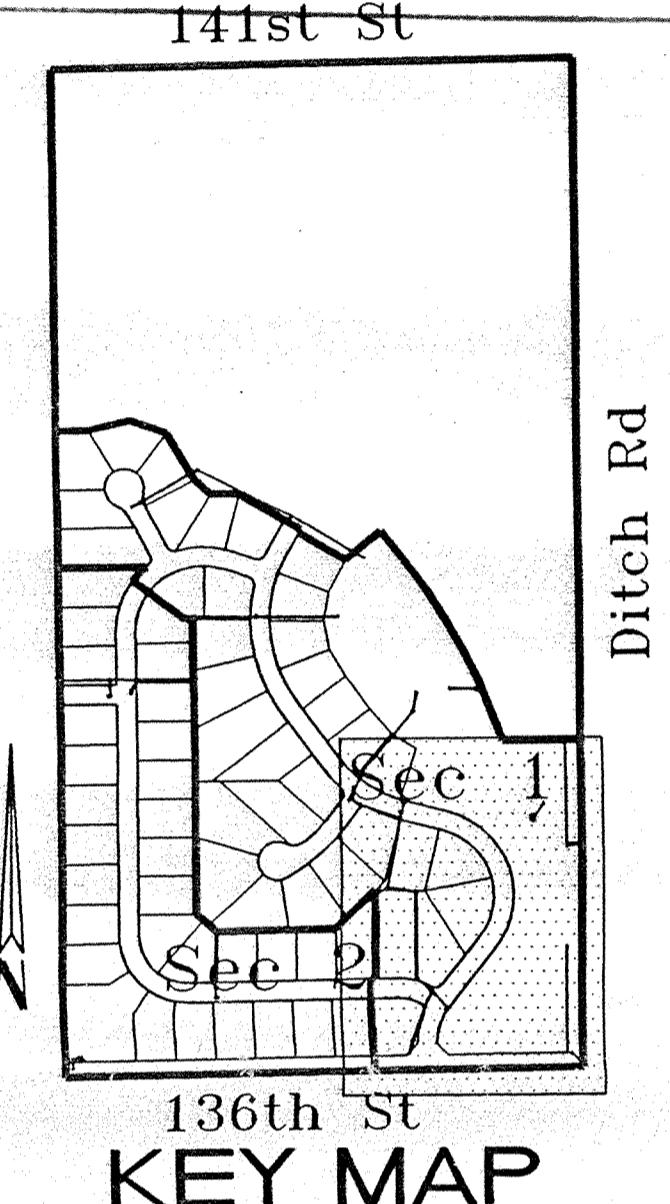
DRAWING TITLE:  
STORM SEWER  
PLAN & PROFILE



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Entry Date: 09-22-00

Entered by: SIM/JOH 6-21-04

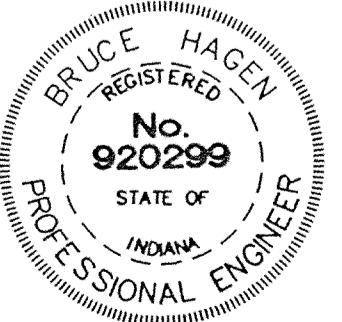
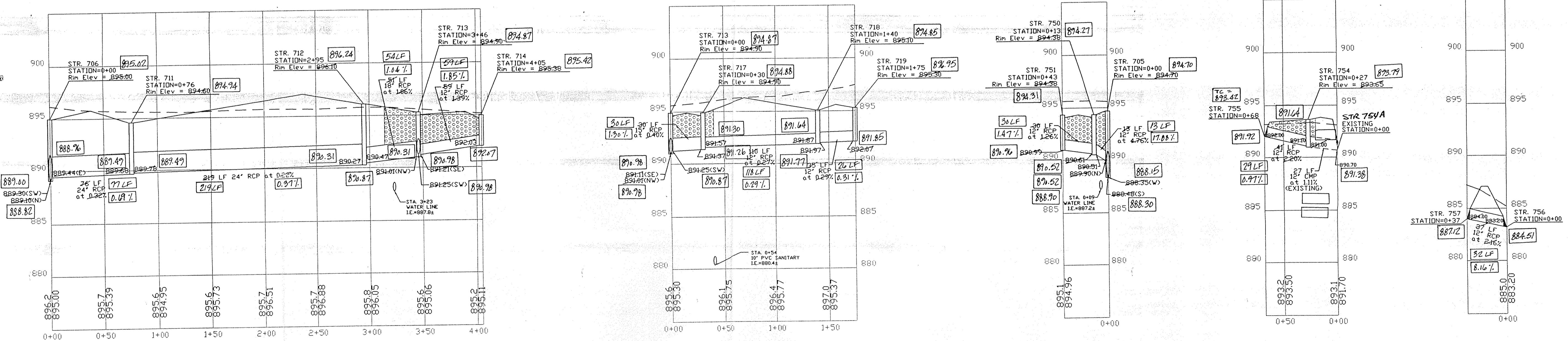


**GRANULAR BACKFILL**

**AS BUILT**

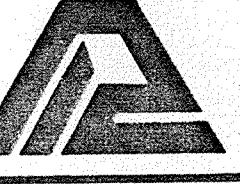
date 7/28/98

000.00 DENOTES AS-BUILT INFORMATION



CERTIFIED BY: *Bruce Hagen*  
REVISIONS  
6/11/96 O.A. REVISIONS  
7/28/98 3RD EM AS-BUILTS  
DATE: 6/12/96

REVISIONS  
EFG  
EFG  
DATE: 6/12/96



**PAUL I. CRIPE, INC.**  
7172 GRAHAM ROAD  
INDIANAPOLIS, INDIANA 46250  
(317) 842-6777

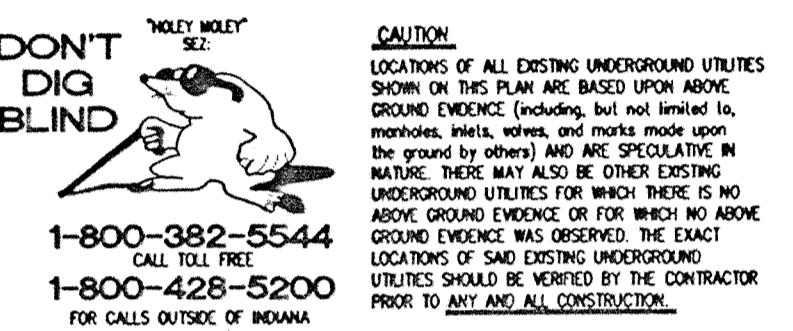
• CIVIL ENGINEERING  
• LAND SURVEYING  
• ARCHITECTURE  
• LAND PLANNING  
QUALITY ASSURANCE: *Thomas L. Schellinger*  
DATE: 04-24-96  
SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DRAWING TITLE:  
**STORM SEWER  
PLAN & PROFILE**  
DWG. TYPE FILE NUMBER  
JOB NUMBER  
960324-20000

SHEET:  
**C702**

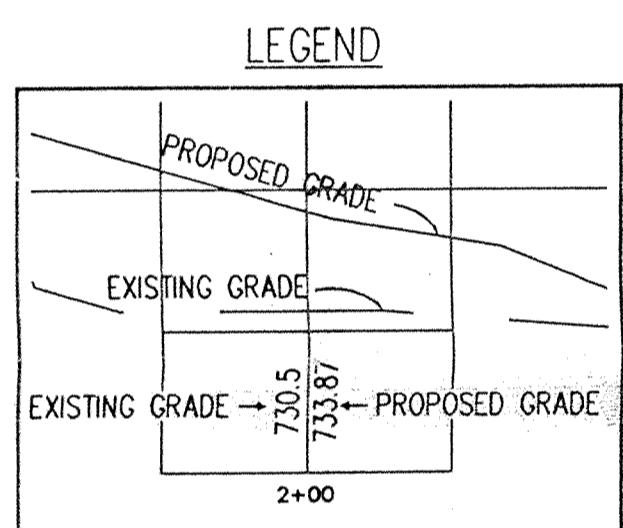


NOTES: 1. CUTS OR FILLS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE • TO PROPOSED GRADE  
• TOP OF CURB.  
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IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.



CAUTION  
LOCATE ALL EXISTING UNDERGROUND UTILITIES  
BEFORE YOU DIG. BASED UPON ABOVE  
GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO,  
MANHOLE HATCHES, WIRES, AND MARKS MADE UPON  
THE GROUND SURFACE) IT IS POSSIBLE TO SPOT  
AN UNDERGROUND UTILITY. HOWEVER, THERE MAY ALSO BE OTHER EXISTING  
UNDERGROUND UTILITIES FOR WHICH NO ABOVE  
GROUND EVIDENCE IS PRESENT. IT IS THE CONTRACTOR'S  
DUTY TO LOCATE THESE UTILITIES PRIOR TO ANY AND ALL CONSTRUCTION.

1-800-382-5544  
1-800-428-5200  
FOR CALLS OUTSIDE OF INDIANA



GRANULAR BACKFILL

