

Drain: SPRINGMILL CROSSING DRAIN **Drain #:** 214
Improvement/Arm: SPRINGMILL CROSSING-SECTION 1
Operator: JDH **Date:** 5-6-04
Drain Classification: Urban/Rural **Year Installed:** 1985

GIS Drain Input Checklist

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

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: SPRINGMILL CROSSING DRAIN - SPRINGMILL CROSSING - SECTION 4

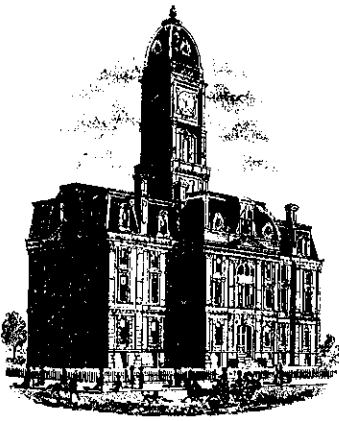
Drain Type:	Size:	Length <i>SURVEYOR'S REPORT</i>	Length (DB Query)	Length Reconcile	Price:	Cost:
SSO	6"	3875'	3875'	∅		
RCP	12"	478'	602'	+124		
	15"	1255'	1215'	-40		
	18"	315'	315'	∅		
	21"	250'	250'	∅		
	24"	590'	590'	∅		
	30"	340'	340'	∅		
	42"	300'	300'	∅		
CMP	12"	10'	10	∅		
	15"	20'	20	∅		
	24"	170'	∅	-170'		
	36"	∅	136'	+136'		

Sum: 7,603' 7,653' +50'

Final Report: _____

Comments:

SR AND AB DISAGREE ON 12", 15" RCP AND 24", 36" CMP LENGTHS.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 November 12, 1985

TO: Hamilton County Drainage Board

H.C. Ltd

09-23-00-00-015.001
↓
027.003

RE: Springmill Crossing, Section I Drain

Attached is a petition, non-enforcement request, plans, calculations, cost estimate and assessment roll for Springmill Crossing, Section I Drain.

09-23-00-00-015
Piper E. 47mt
+
Piper Neal Sec 1/2 mt
10' Dale [unclear]

I have reviewed the submittals and petitions 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	3760 feet	15" RCP	1250 feet	24" RCP	750 feet
12" CMP	20 feet	18" CMP	20 feet	30" RCP	340 feet
✓ 12" RCP	758 feet	18" RCP	345 feet	42" RCP	115 feet
15" CMP	20 feet	21" RCP	390 feet	48" RCP	185 feet

The total length of the drain will be 7642 feet.

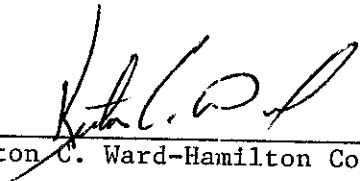
The two lakes within the Common Area A, will not be a part of the regulated drain. The Maintenance of the lakes will be the responsibility of the Homeowners Association.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I recommend a maintenance assessment of \$25.00 per lot and Common Areas \$2.00 per acre for roadways. With this assessment the total annual assessment for this section will be \$1527.00.

This drain empties into the Collins-Osborn Drain. Because of this the area within the Subdivision will be assessed for the reconstruction and maintenance of the Collisn-Osborn Drain. At that time I recommend that the lots within the subdivision be assessed to both the Collins-Osborn and the Springmill Crossing Drain.

~~2/10/1986~~ 5/12/86
I recommend a hearing be set for January 13, 1986.

KCW/no


Kenton C. Ward-Hamilton County Surveyor

STATE OF INDIANA)
) SS:
COUNTY OF HAMILTON)

TO: Hamilton County Drainage Board, Noblesville, Indiana
% County Surveyor, Courthouse, Noblesville, Indiana

In the matter of Springmill Crossing Subdivision,
Section One 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 Springmill Crossing-Section One, 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. Petitioner believes the proposed improvement 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 the Engineer throughout the construction phase. At completion of the project the Petitioners 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 shall request all changes from the approved plan 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 reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan 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 Surveyor shall immediately install or repair the needed measures as per IC 36-9-27-46.

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

L. Dale Hinshaw
 L. Dale Hinshaw, General Partner
 for H-C, Ltd., an Indiana Limited
 Partnership

Stanley E. Hunt
 SIGNED

Stanley E. Hunt
 PRINTED NAME

John F. Culp
 SIGNED

John F. Culp
 PRINTED NAME

RECORDED OWNER (S) OF LAND INVOLVED

DATE _____, 19____

BEFORE THE HAMILTON COUNTY

DRAINAGE BOARD IN THE

MATTER OF THE Springmill Crossing DRAIN
Section I

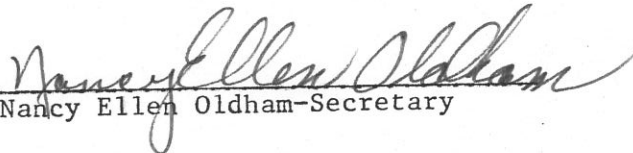
NOTICE

TO WHOM IT MAY CONCERN AND

Notice is hereby given of the Hearing of the Hamilton County Drainage Board on the Springmill Crossing Sec. I Drain, on May 12, 1986, at 9:05 A.M. in the Commissioner's Court, 3rd floor, in the Hamilton County Courthouse Noblesville, Indiana and which the Maintenance Report of the Surveyor and the Schedule of Assessments made 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:


Nancy Ellen Oldham-Secretary

ONE TIME ONLY

BEFORE THE HAMILTON
COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

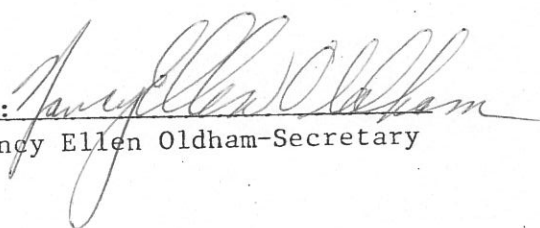
Springmill Crossing Sec. 1 DRAIN

NOTICE

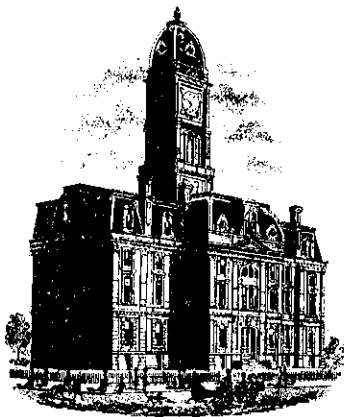
Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this Code within twenty (20) days from the date of this publication, the order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

ATTEST:


Nancy Ellen Oldham-Secretary

One Time Only



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 January 16, 1986

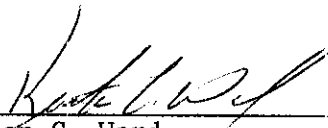
TO: Hamilton County Drainage Board

RE: Springmill Crossing Drain Section 1

Because of revisions in the plan for the drainage facilities the length of this drain has been revised. The drain will now consist of the following:

✓ 12" CMP	10' ✓	24" CMP	170' ✓
✓ 12" RCP	478' ✓	24" RCP	590' ✓
✓ 15" CMP	20' ✓	30" RCP	340' ✓
✓ 15" RCP	1255' ✓	42" RCP	300' ✓
✓ 18" RCP	315' ✓	6" SSD	3875' ✓
✓ 21" RCP	250' ✓		

The total length will now be 7603 feet.



 Kenton C. Ward
 Hamilton County Surveyor

KCW/no



EXHIBIT A

1234 MARKET STREET • PHILADELPHIA, PA 19107

Commercial Banking Department

October 17, 1985

Irrevocable Letter of Credit No. 2781695685-00224
Expiration Date: October 17, 1986

The Hamilton County Commissioners
Hamilton County, Indiana

Gentlemen:

For the account of The Shorewood Corporation, we hereby authorize you to draw on us at sight to the extent of ****U.S.\$400,000.00****.

Each of your drafts must:

1. Be marked "Drawn under PSFS Letter of Credit No. 2781695685-00224 dated October 17, 1985."
2. Be presented, together with this original Letter of Credit, at our offices at 1234 Market Street, 9th Floor, Philadelphia, Pennsylvania 19107, no later than 3:00 p.m. Philadelphia time on October 17, 1986.
3. Be accompanied by the following:

Certification by The Hamilton County Commissioners of non-compliance with specifications required for Streets, Curbs, Storm Sewers and Drainage (detention facility) in Section I of the Springmill Crossing subdivision by The Shorewood Corporation. Such certification may not antedate this Letter of Credit and;

Certification by The Hamilton County Commissioners that funds drawn under this Letter of Credit will be used to bring the Streets, Curbs, Storm Sewers and Drainage (detention facility) into compliance in accordance with the specifications referenced.

4. Not exceed, in the cumulative aggregate, \$400,000.00

This letter shall be governed by Article 5 of the Uniform Commercial Code. To the extent not inconsistent therewith, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1983 Revision), International Chamber of Commerce Publication No. 400.

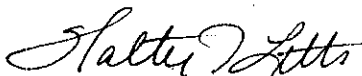
This letter of credit states all the terms of our undertaking and shall not be modified, amended or amplified by reference herein to any other writing or agreement. Nor shall any reference herein to any other writing or agreement be deemed to incorporate herein such writing or agreement.

This credit is not assignable nor transferable.

We hereby agree that drafts drawn under and in compliance with the terms of this credit will be duly honored within three business days of presentation.

Very truly yours,

THE PHILADELPHIA SAVING FUND SOCIETY



Walter J. Letts
Assistant Vice President

WJL/ts

CERTIFICATE OF COMPLETION AND COMPLIANCE

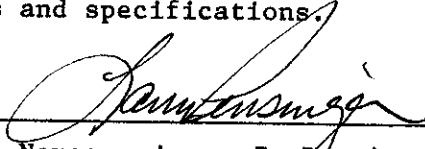
TO: HAMILTON COUNTY SURVEYOR

RE: Springmill Crossing, Section One

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: _____



Date: November 6, 1986

Type or Printed Name: Larry E. Pensinger

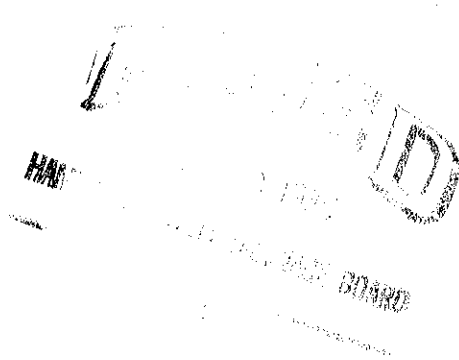
Business Address: 7172 Graham Road

Telephone: 839-4673



INDIANA REGISTRATION NUMBER

S0281





SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

January 5, 1996

TO: Hamilton County Drainage Board

RE: Springmill Crossing Drain-Section 1

Attached are as-builts, certificate of completion and compliance, and other information for Springmill Crossing 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 January 16, 1986. The changes are as follows:

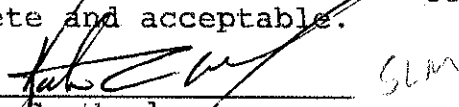
Lake (1) One and Lake (2) Two had 136 feet of 36" CMP installed between them as additional pipe. STR 587 was changed from a metal end section to a manhole. STR 571 was omitted and 144 feet of 12" RCP was extended from STR 572 to a metal end section, just West of the Southwest corner of Lot 59. STR 572 to 574 was downgraded to a 12" RCP of the same length.

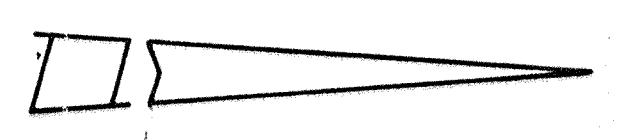
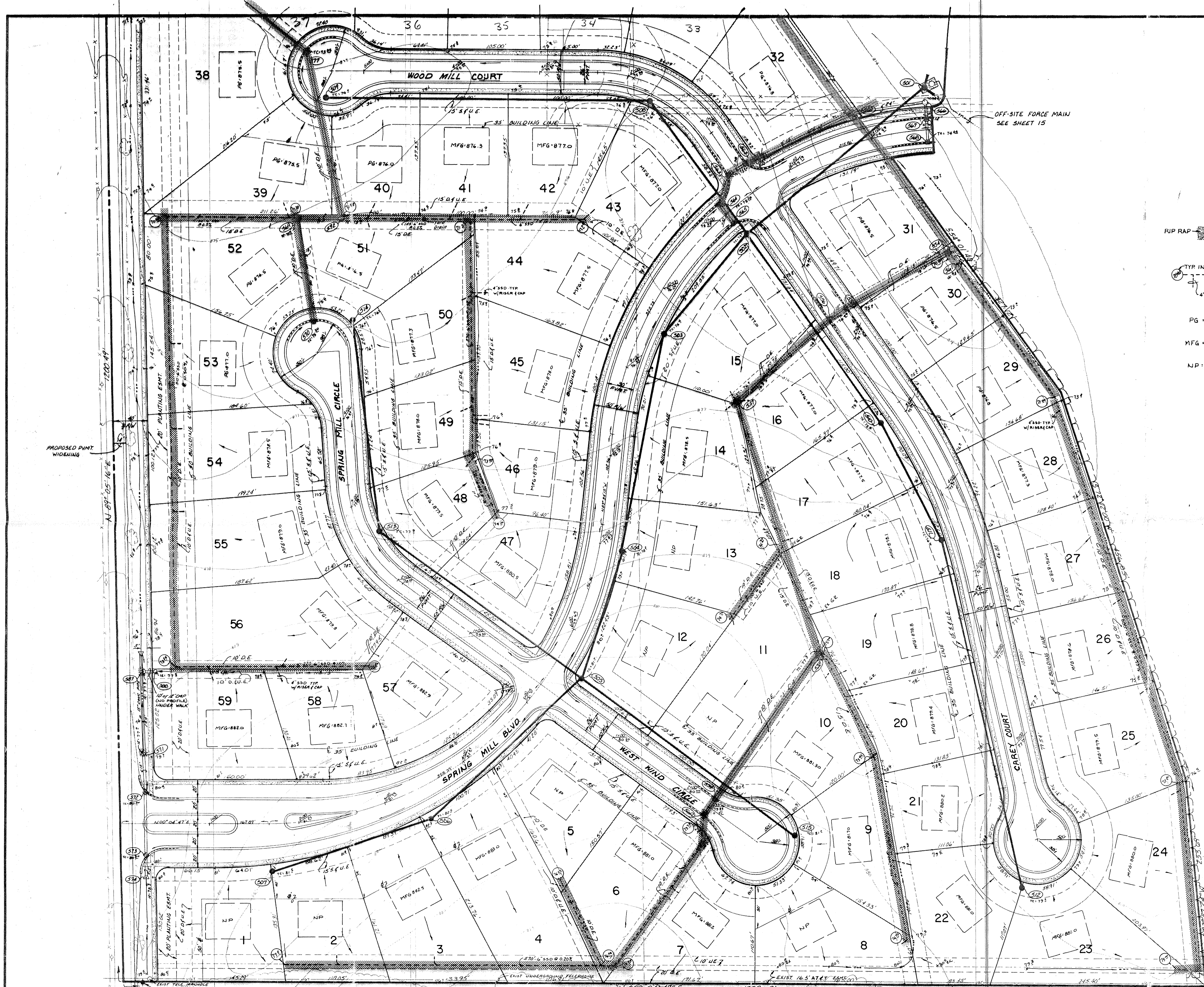
The length of the drain due to the changes described above is now 7,863 feet.

The non-enforcement request was approved by the Board at its meeting on December 12, 1988.

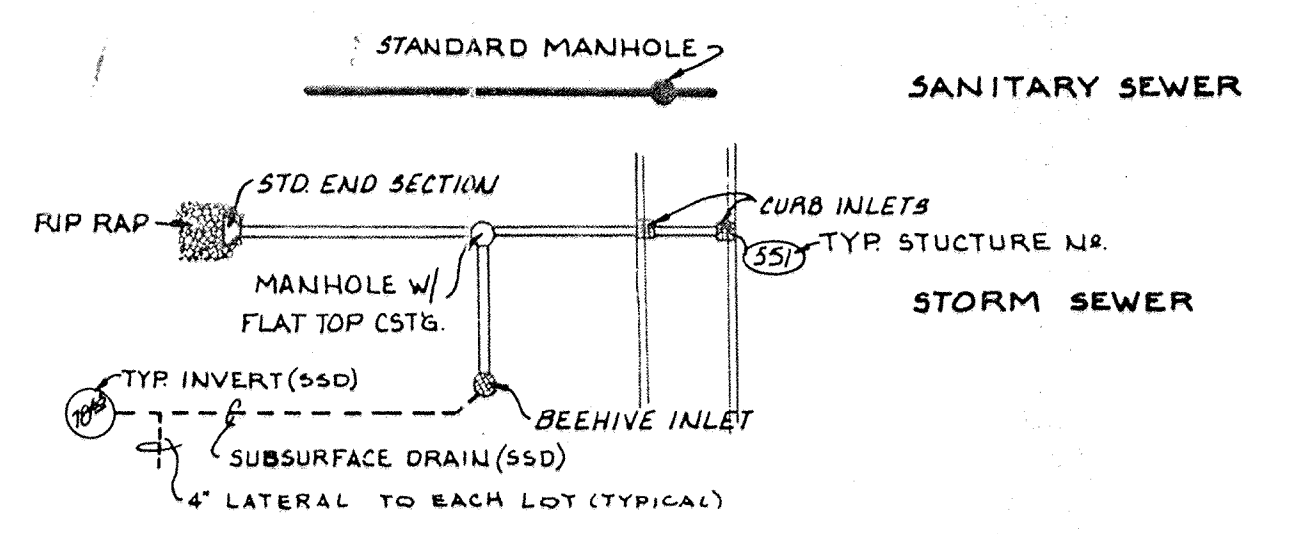
The Bond or Letter of Credit from PSFS, Number 278166695685-00224, dated October 17, 1988..., in the amount of \$400,000.000, has been released, also the Bond or Letter of Credit from Meritor, Number 2781695685-00893, dated October 7, 1986 in the amount of \$18,000.00 has been released.

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


Kenton C. Ward
Hamilton County Surveyor
KCW/no



LEGEND



PG - PAD GRADE - REQUIRES COMPACTED FILL MATERIAL TO WITHIN 6" OF PROPOSED GRADE.
 MFG - MINIMUM FINISH GRADE REQUIRED BY BUILDER - AREA MAY BE FILLED WITH TOPSOIL.
 NP - NO PAD TO BE BUILT - NO GRADING NECESSARY EXCEPT AT STREET AND REAR SWALE.

- NOTES:
1. BEARING, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 2. LOTS 1-4 (1/4) DRAIN TO REAR YARD SWALE BEHIND SECTION 1 OF THISTLEWOOD.
 3. WATER SERVICE TO BE DESIGNED & INSTALLED BY THE INDIANAPOLIS WATER CO.
 4. EXISTING TOPOGRAPHY BY MID STATES ENGINEERING, INC. INDIANAPOLIS, IN. DATE OF PHOTOGRAPHY - 4-11-77
 5. ALL DISTURBED GROUND SHALL BE PROVIDED WITH EROSION CONTROL METHODS WITHIN 60 DAYS OF DISTURBANCE, SUBJECT TO WEATHER.
- * BECAUSE OF EXCESSIVE DIFFERENCES IN ELEVATIONS - EXISTING CONTOURS REVISED PER ELEVATIONS TAKEN BY PAUL I. CRIFE, INC. IN NOV. 1985

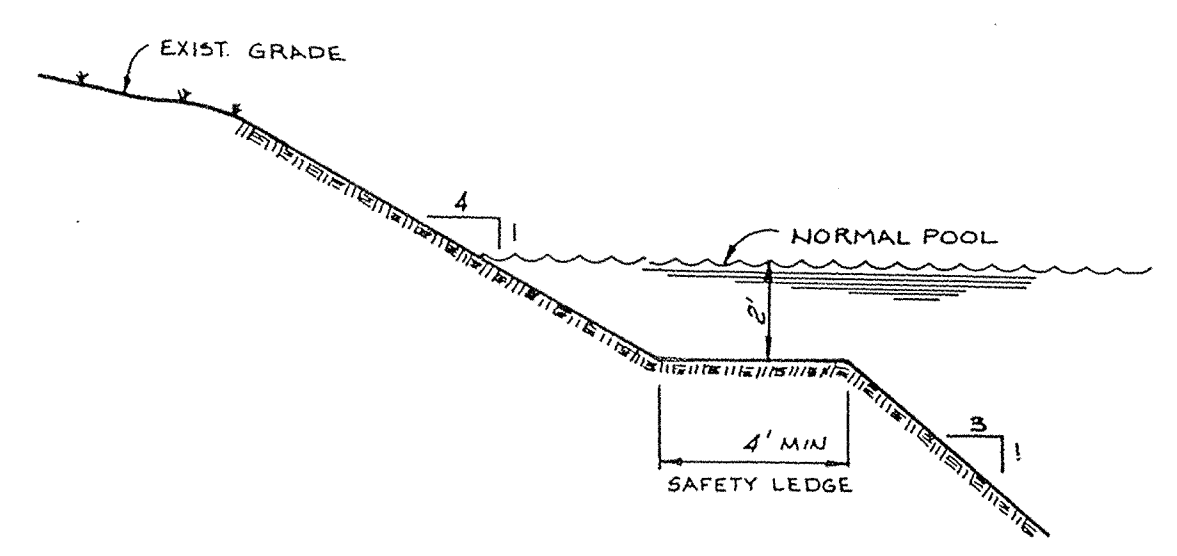
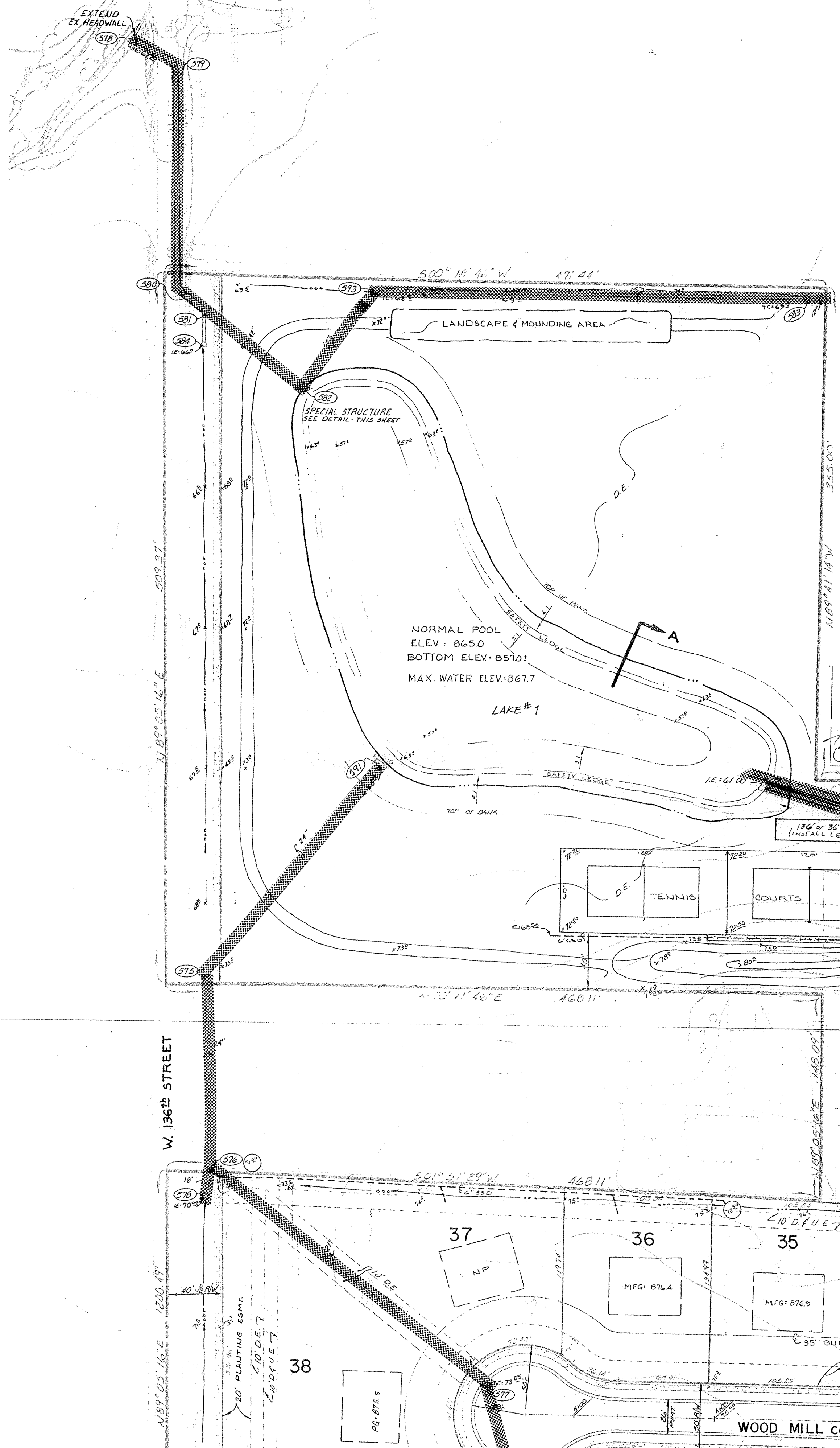


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 Entry Date: 5-7-04
 Entered by: JQH

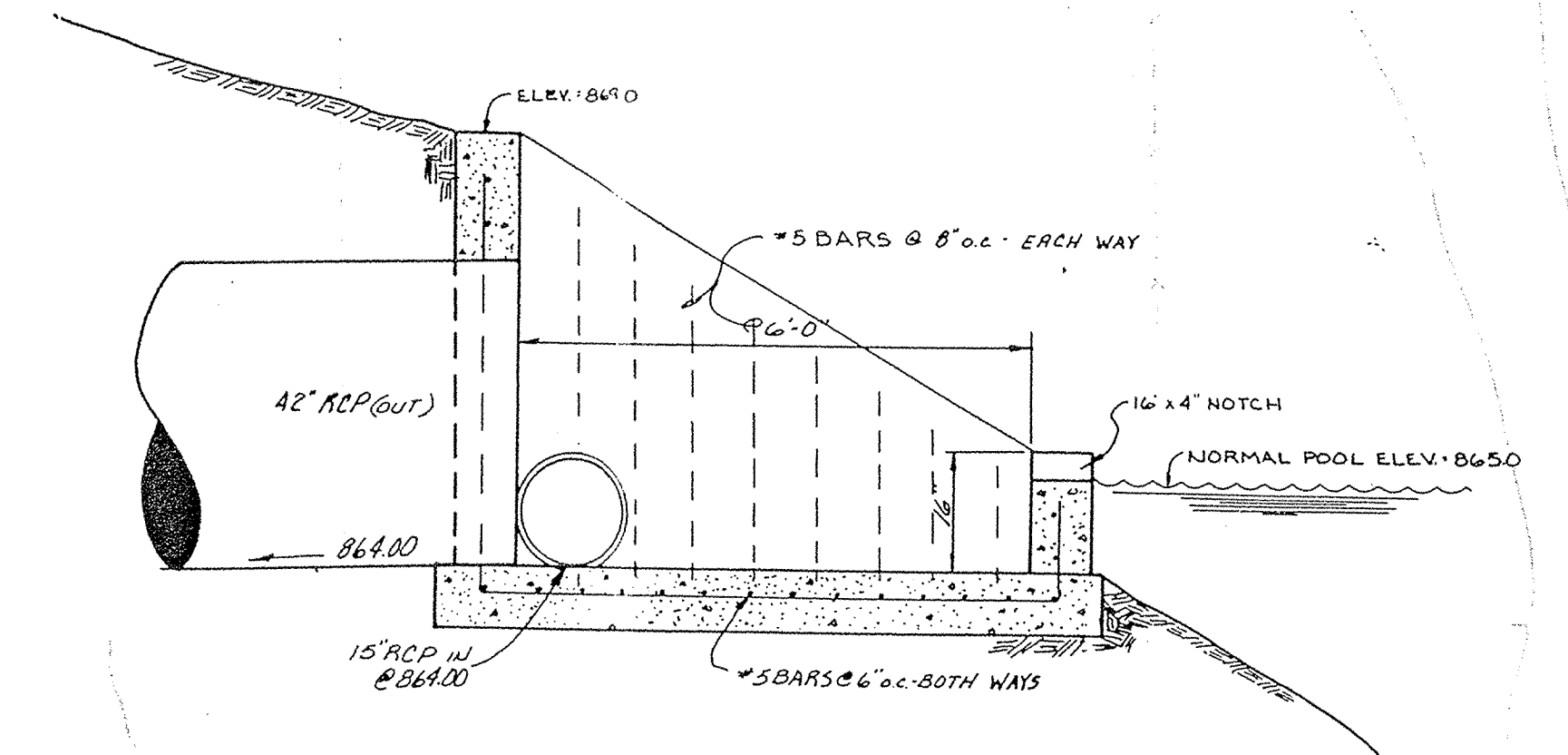
FILED
 AUG 08 1994
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

ASBULTS

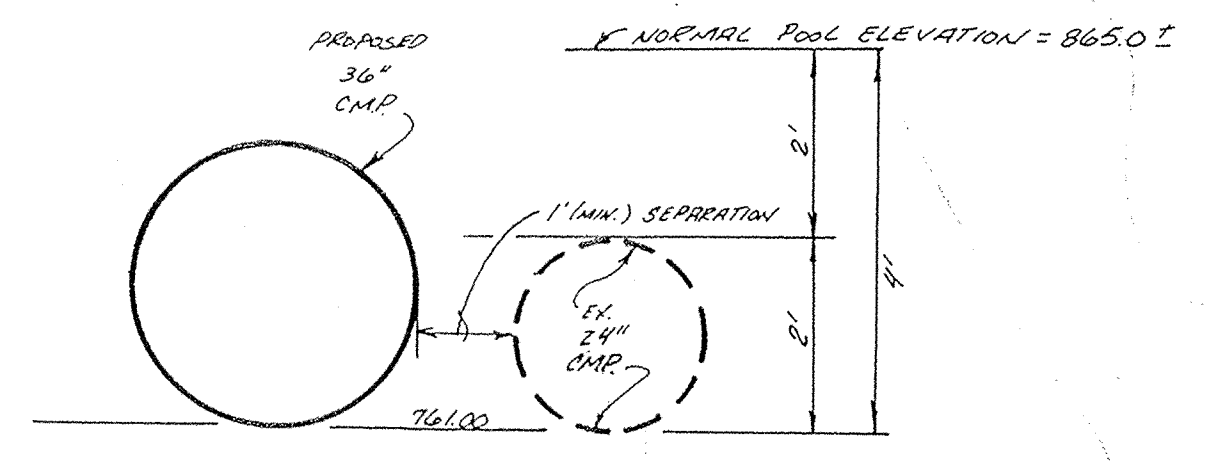
CERTIFIED BY DATE	REVISIONS 11-5-85 GEN. REVISIONS & RELOCATED STORM 514 & 554 - 557 12-17-85 REV. ELEVATIONS (LEV. PROPOSED) 1-21-86 Change S&D to 6" to Lot 47 4-9-86 REV. EXM'TS		PAUL I. CRIFE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	• CIVIL ENGINEERING • LAND SURVEYING • ARCHITECTURE • LAND PLANNING	TECH. CHK. DRAWING	DRAWN BY JQH	SCALE 1"=50'	DATE 9-9-85	CLIENT SPRINGMILL CROSSING - SEC. 1	DWG. TYPE SITE DEVELOPMENT PLAN	FILE NUMBER 85100-00100	SHEET 2 OF 22
	JOB NUMBER											



TYP. SHORELINE CROSS-SECTION 'A'
NO SCALE



SPECIAL STRUCTURE DETAIL
NO SCALE



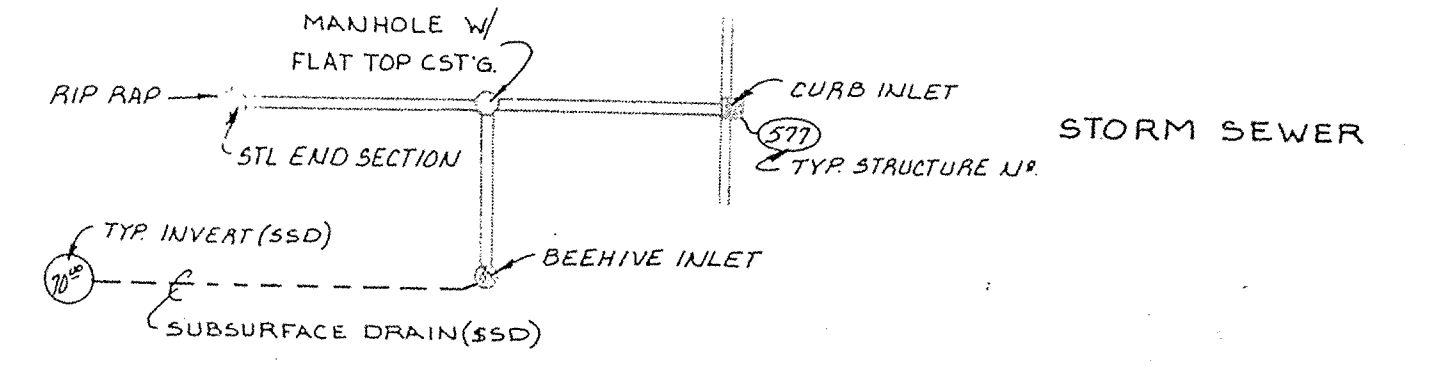
X-SECTION B
N.T.S.

LAKE #1
ELEV. 865 1.2259 AC
870 1.7768 AC
VOL = 7.5 AC-FT

LAKE #2
ELEV. 875 0.6184 AC
870 1.0264 AC
VOL = 4.1 AC-FT


VOL @ ELEV. 870 = 11.6 AC-FT
TO ELEV. 77 & 17.9 AC-FT

LEGEND



PG: PAD GRADE - REQUIRES COMPACTED FILL MATERIAL TO WITHIN 6" OF PROPOSED GRADE.
MFG: MINIMUM FINISH GRADE REQUIRED BY BUILDER - AREA MAY BE FILLED WITH TOPSOIL.
FG: NO PAD TO BE BUILT - NO GRADING REQUIRED EXCEPT AT STREET AND REAR SWALE.

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 Entry Date: 5-7-04
 Entered by: JDI

CERTIFIED BY

DATE

REVISIONS

11-6-85	MISC. REVISIONS	
12-19-85	REV. ELEVATIONS	
1-1-86	ADD BATHHOUSE, POOL & TENNIS COURTS	275
3-12-90	ADD SWALE BETWEEN LAKES	287

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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH. CHK.	DRAWN BY	SCALE	DATE	CLIENT
DFTNG. CHK.	DRAWING TITLE	1"=50'	9-9-85	SPRINGMILL CROSSING - SEC. 1

DWG. TYPE	FILE NUMBER	SHEET
		3
JOB NUMBER		OF 22
85100-00100		