

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>SURVEYORS 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

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.

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.

H.C. Ltd

09-23-00-00-015.001
↓
027.003

09-23-00-00-015

Refner E. 47mt
Refner Med. Sec 1/2 mt
10' Dale Dr. 100mt

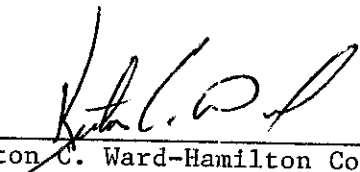
This drain empties into the Collins-Osborn Drain. Because of this the area within the Subdivision will be assessed for the reconstruction and maintenance of the Collisn-Osborn Drain. At that time I recommend that the lots within the subdivision be assessed to both the Collins-Osborn and the Springmill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

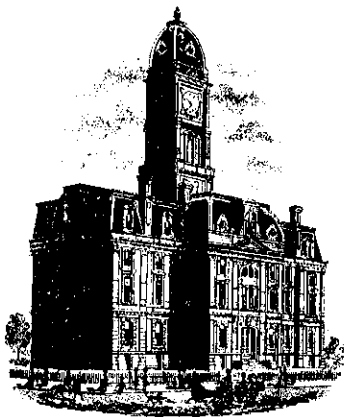
~~2/10/1986~~

5/12/86

I recommend a hearing be set for ~~January 13, 1986.~~

KCW/no


Kenton C. Ward-Hamilton County Surveyor



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 January 16, 1986

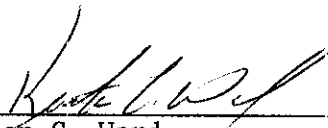
TO: Hamilton County Drainage Board

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

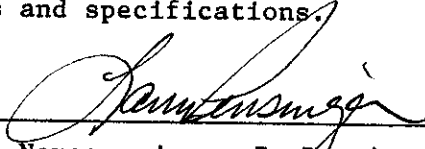
TO: HAMILTON COUNTY SURVEYOR

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

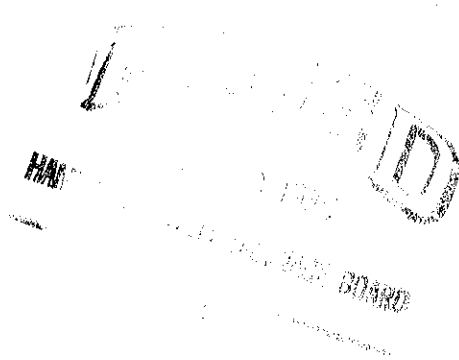
Business Address: 7172 Graham Road

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:

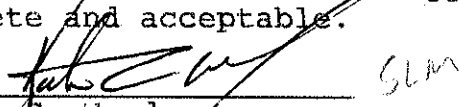
Lake (1) One and Lake (2) Two had 136 feet of 36" CMP installed between them as additional pipe. STR 587 was changed from a metal end section to a manhole. STR 571 was omitted and 144 feet of 12" RCP was extended from STR 572 to a metal end section, just West of the Southwest corner of Lot 59. STR 572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

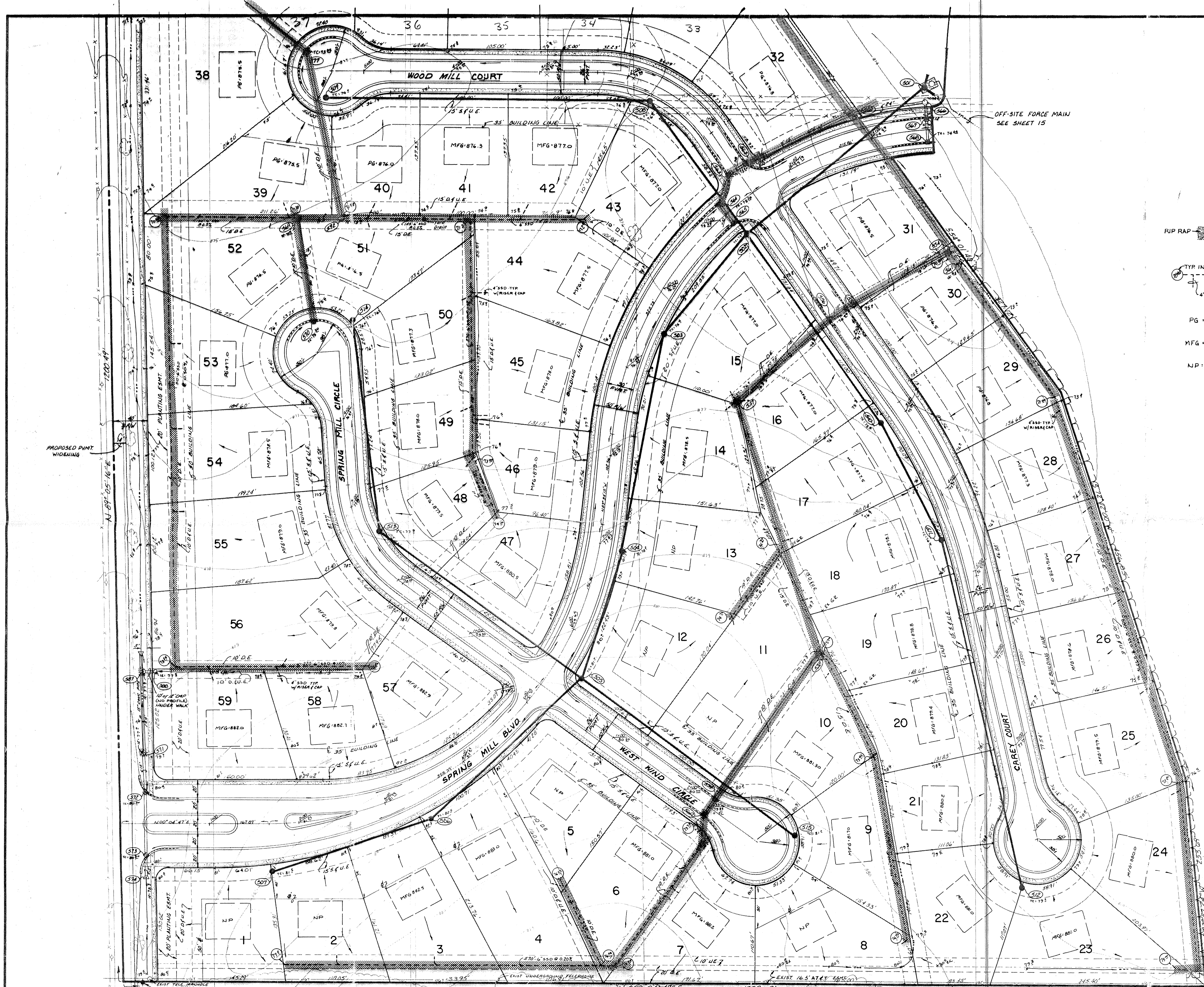
The length of the drain due to the changes described above is now 7,863 feet.

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

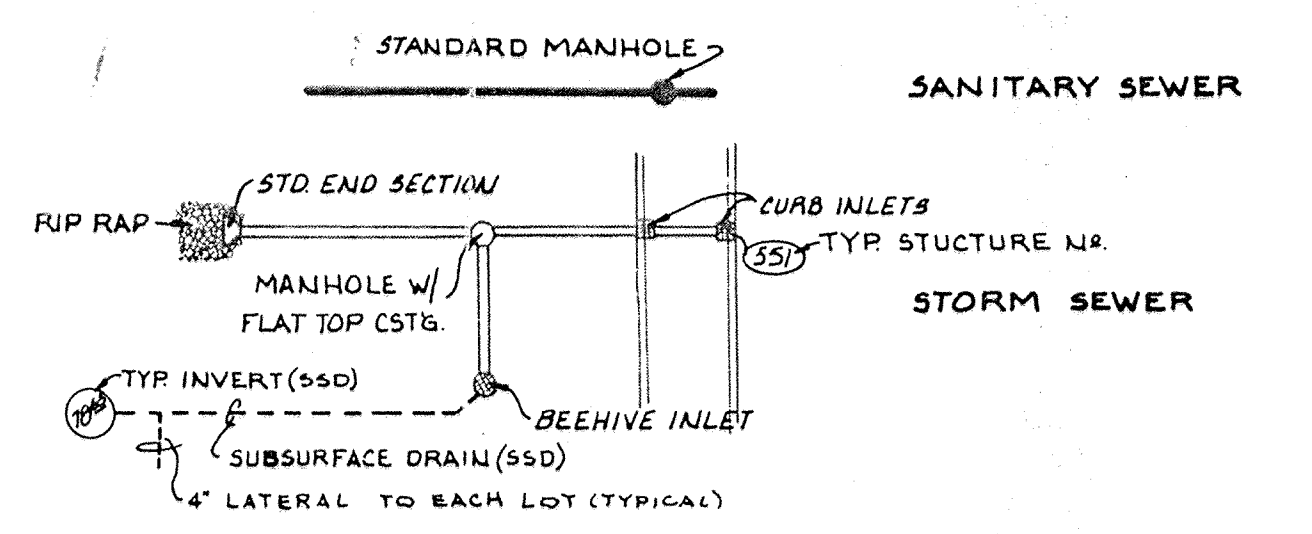
The Bond or Letter of Credit from PSFS, Number 278166695685-00224, dated October 17, 1988..., in the amount of \$400,000.000, has been released, also the Bond or Letter of Credit from Meritor, Number 2781695685-00893, dated October 7, 1986 in the amount of \$18,000.00 has been released.

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


Kenton C. Ward
Hamilton County Surveyor
KCW/no

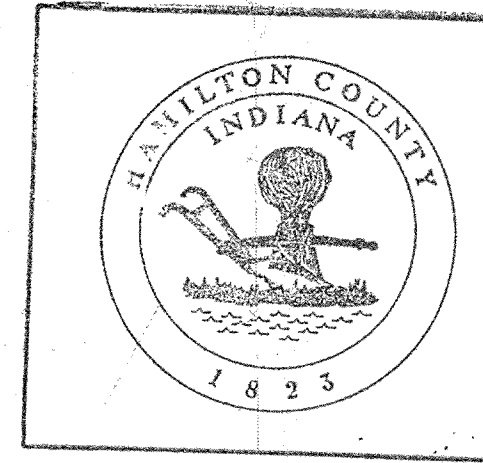


LEGEND



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.

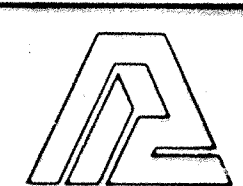
- NOTES:**
1. BEARING, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 2. LOTS 1-4 (1/4) DRAIN TO REAR YARD SWALE BEHIND SECTION 1 OF THISTLEWOOD.
 3. WATER SERVICE TO BE DESIGNED & INSTALLED BY 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

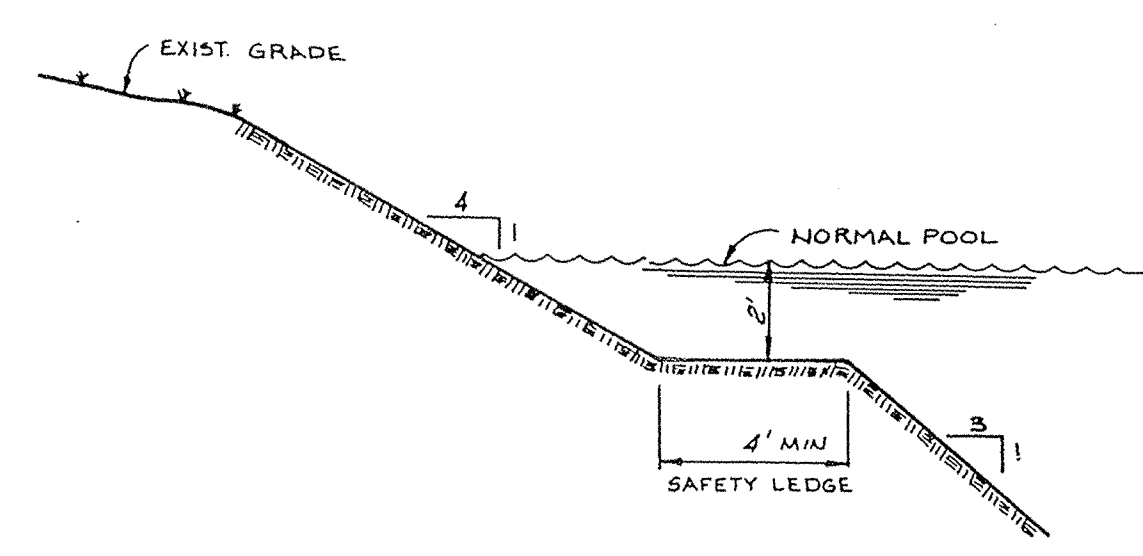
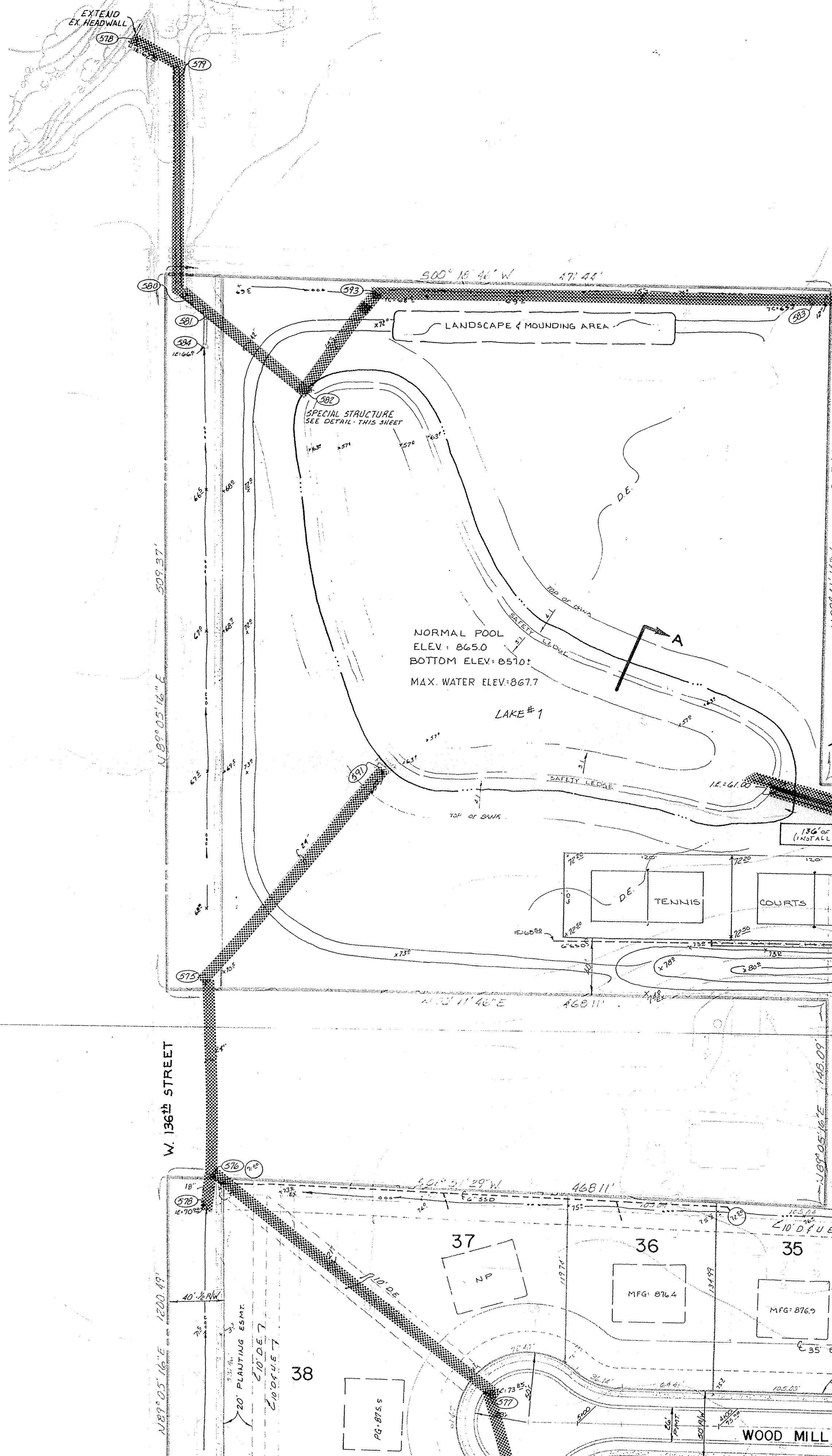


This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 5-7-04
 Entered by: JQH

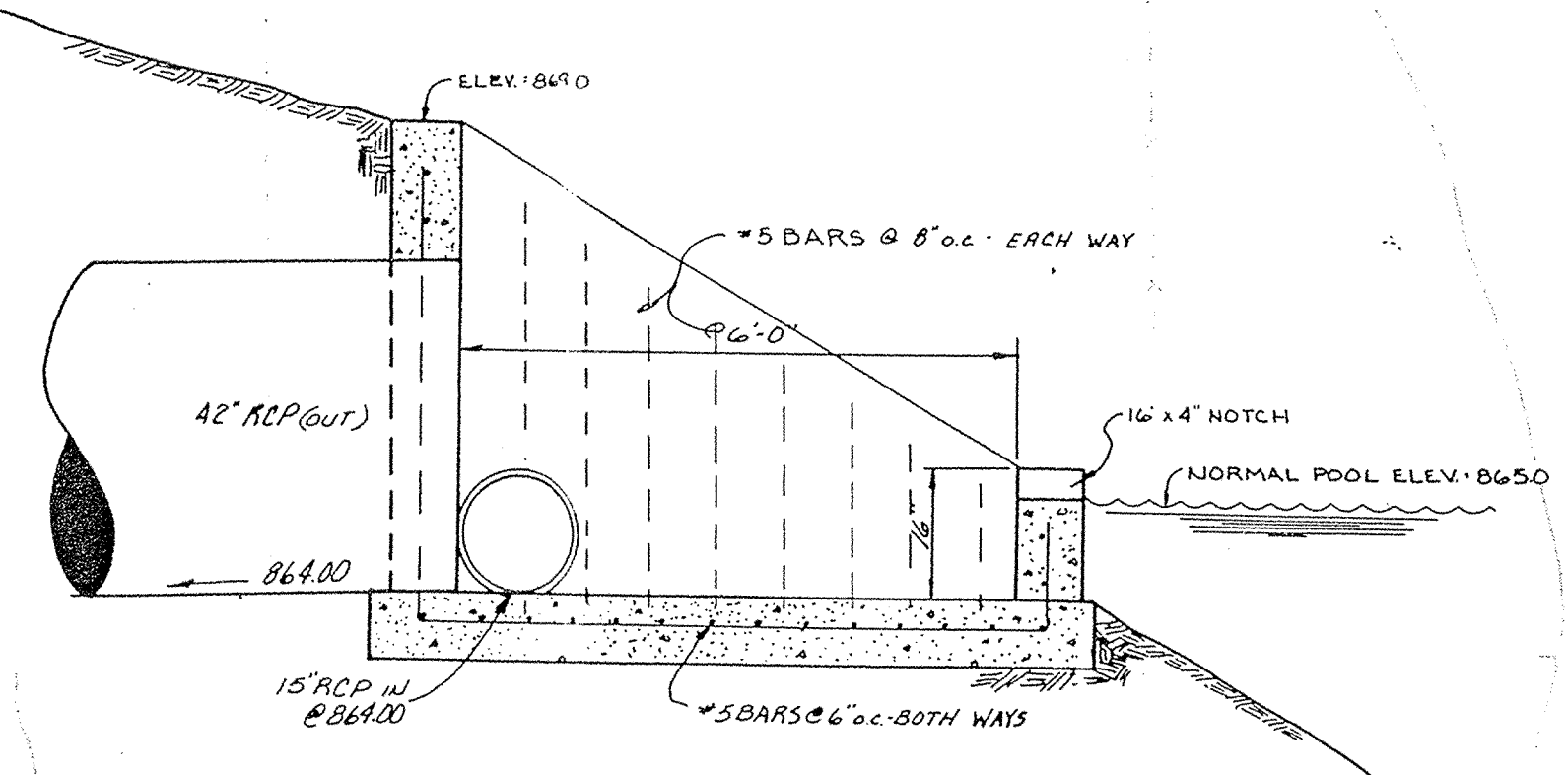
FILED
 AUG 08 1994
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

ASBULTS

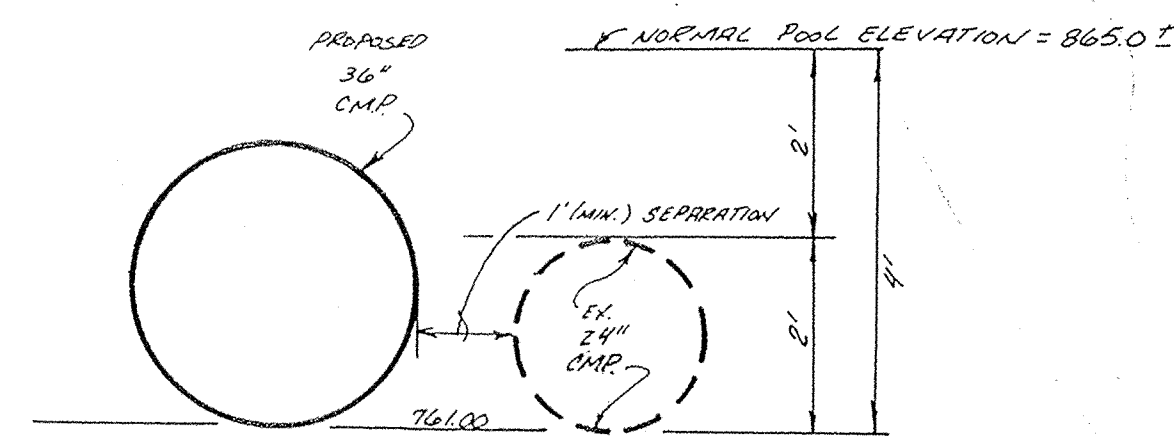
DATE	REVISIONS		 PAUL I. CRIFE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	TECH. CHK.	DRAWN BY	SCALE	DATE	CLIENT	DWG. TYPE	FILE NUMBER	SHEET
		11-5-85 GEN. REVISIONS & RELOCATED STORM 514 & 554 - 557 12-17-85 REV. ELEVATIONS (LEV. PROPOSED) 1-21-86 Change S&D to 6" to Lot 47 4-9-86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



TYP. SHORELINE CROSS-SECTION 'A'
NO SCALE



SPECIAL STRUCTURE DETAIL
NO SCALE



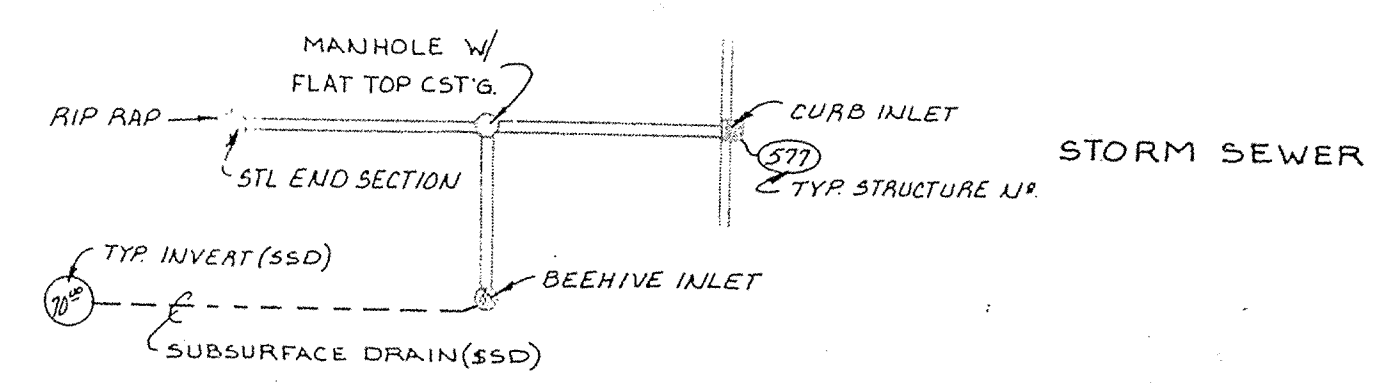
X-SECTION B

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

LAKE #2
ELEV. 865 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.
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 Entry Date: 5-7-04
 Entered by: JDB

CERTIFIED BY

DATE

REVISIONS

11-6-85	MISC. REVISIONS	
12-19-85	REV. ELEVATIONS	
1-1-86	ADD BATHHOUSE, POOL & TENNIS CRTS.	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		