



SURVEYOR'S OFFICE

# Hamilton County

*Kenton C. Ward, Surveyor*

*Phone (317) 776-8495*

*Fax (317) 776-9628*

*Suite 188*

*One Hamilton County Square*

*Noblesville, Indiana 46060-2230*

October 17, 2003

To: Hamilton County Drainage Board

Re: J. W. Brendle Drain, Wexley Chase Arm

Attached is a petition filed by GWZ-Z Development LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Wesley Chase Arm, J. W. Brendle Drain to be located in Clay Township. 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	7,875 ft	15" RCP	594 ft	24" RCP	199 ft
12" RCP	1,829 ft	18" RCP	367 ft		

The total length of the drain will be 10,864 feet.

The retention ponds (lakes) located in Common Areas B and C are to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance, such as mowing, of the ponds (lakes) will be the responsibility of the Homeowners Association. 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 in 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:

Within Common Area B in the dry basin.

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 \$10.00 per acre for common areas and platted lots, \$10.00 per acre for roadways with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$2,956.10.

The petitioner has submitted surety for the proposed drain at this time. Surety will be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties which are in the form of a Letter of Credit are as follows:

Agent: Madison Community Bank  
Date: July 16, 2003  
Number: 3225  
For: Erosion Control  
Amount: \$48,075.00

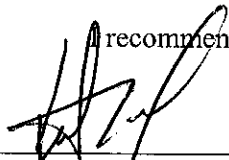
Agent: Madison Community Bank  
Date: July 16, 2003  
Number: 3226  
For: Storm Sewers  
Amount: \$139,898.00

Parcels assessed for this drain may be assessed for the Long Branch Drain at sometime in the future. Parcels assessed for this drain will be assessed as the J. W. Brendle 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 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 Wexley Chase as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 24, 2003.



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Kenton C. Ward  
Hamilton County Surveyor

KCW/llm

STATE OF INDIANA )  
 )  
COUNTY OF HAMILTON )

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

In the matter of Wexley Chase Subdivision,  
Section \_\_\_\_\_ 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 Wexley Chase, 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 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 reproducible 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 specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction of the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

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

GWZ-2 DEVELOPMENT, LLC

  
Signed

Co-Manager

Mark A. Zukerman, Co Manager

Printed Name

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE: May 21, 2003

**BANNING ENGINEERING, PC  
ENGINEERS ESTIMATE**

Project Name: wexley chase  
Project Number: 02129

Date: 2/1/2003  
Item: Erosion Control

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
SEEDING	35000	SYDS	\$0.55	\$19,250.00
EROSION BLANKETS	8500	SYDS	\$1.25	\$10,625.00
SILT FENCE	3000	LF	\$2.50	\$7,500.00
GABION		SYDS	\$33.00	\$0.00
RIP-RAP	300	SYDS	\$24.00	\$7,200.00

**FILED**

**FEB 26 2003**

OFFICE OF HAMILTON COUNTY SURVEYOR

<b>GROSS TOTAL</b>				\$44,575.00
<b>CONTENGENCIES</b> 10%				\$4,457.50
<b>NET TOTAL</b>				<b>\$49,032.50</b>

**BANNING ENGINEERING, PC  
ENGINEERS ESTIMATE**

Project Name: wexley chase  
Project Number: 02129

Date: 2/1/2003  
Item: Storm

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	
10" CPP PIPE (SOLID)		LF		\$0.00	
12" CPP PIPE (SOLID)		LF	\$3.58	\$0.00	
15" CPP PIPE (SOLID)		LF		\$0.00	
18" CPP PIPE (SOLID)		LF		\$0.00	
24" CPP PIPE (SOLID)		LF	\$12.03	\$0.00	
30" CPP PIPE (SOLID)		LF	\$19.33	\$0.00	
36" CPP PIPE (SOLID)		LF		\$0.00	
42" CPP PIPE (SOLID)		LF		\$0.00	
48" CPP PIPE (SOLID)		LF		\$0.00	
INLET / BEEHIVE	13	EA.	\$850.00	\$11,050.00	
MANHOLES	9	EA.	\$1,600.00	\$14,400.00	
12" END SECTION (CONC.)	7	EA.	\$270.00	\$1,890.00	
15" END SECTION (CONC.)	2	EA.	\$325.00	\$650.00	
18" END SECTION (CONC.)	1	EA.	\$350.00	\$350.00	
24" END SECTION (CONC.)	1	EA.	\$400.00	\$400.00	
30" END SECTION (CONC.)		EA.	\$525.00	\$0.00	
36" END SECTION (CONC.)		EA.	\$700.00	\$0.00	
42" END SECTION (CONC.)		EA.	\$900.00	\$0.00	
12" END SECTION (POLY.)		EA.	\$60.00	\$0.00	
GRANULAR BACKFILL	600	CYDS	\$10.00	\$6,000.00	
6" SUB-SURFACE	5800	LF	\$4.25	\$24,650.00	
4" SUB-SURFACE LOT HOOK-UPS	400	LF	\$4.50	\$1,800.00	
<b>GROSS TOTAL</b>					\$110,261.00
<b>CONTENGENCIES</b> 10%					\$11,026.10
<b>NET TOTAL</b>					<b>\$121,287.10</b>

**BANNING ENGINEERING, PC  
ENGINEERS ESTIMATE**

Project Name: wexley chase  
Project Number: 02129

Date: 2/1/2003  
Item: Storm

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
12" RCP PIPE	1591	LF	\$17.00	\$27,047.00
15" RCP PIPE	617	LF	\$18.00	\$11,106.00
18" RCP PIPE	327	LF	\$20.00	\$6,540.00
21" RCP PIPE	199	LF	\$22.00	\$4,378.00
24" RCP PIPE		LF	\$26.00	\$0.00
27" RCP PIPE		LF	\$30.00	\$0.00
30" RCP PIPE		LF	\$33.00	\$0.00
36" RCP PIPE		LF	\$44.00	\$0.00
42" RCP PIPE		LF	\$52.00	\$0.00
48" RCP PIPE		LF	\$62.00	\$0.00
4" HDPE PIPE (SOLID)		LF	\$0.46	\$0.00
6" HDPE PIPE (SOLID)		LF	\$1.27	\$0.00
8" HDPE PIPE (SOLID)		LF	\$2.25	\$0.00
10" HDPE PIPE (SOLID)		LF	\$2.96	\$0.00
12" HDPE PIPE (SOLID)		LF	\$3.44	\$0.00
15" HDPE PIPE (SOLID)		LF	\$5.75	\$0.00
18" HDPE PIPE (SOLID)		LF	\$8.23	\$0.00
24" HDPE PIPE (SOLID)		LF	\$9.35	\$0.00
30" HDPE PIPE (SOLID)		LF	\$14.12	\$0.00
36" HDPE PIPE (SOLID)		LF	\$21.35	\$0.00
42" HDPE PIPE (SOLID)		LF	\$40.75	\$0.00
48" HDPE PIPE (SOLID)		LF	\$48.00	\$0.00
4" HDPE PIPE (PERF)		LF	\$0.46	\$0.00
6" HDPE PIPE (PERF)		LF	\$1.27	\$0.00
8" HDPE PIPE (PERF)		LF	\$2.25	\$0.00
10" HDPE PIPE (PERF)		LF	\$3.21	\$0.00
12" HDPE PIPE (PERF)		LF	\$4.70	\$0.00
15" HDPE PIPE (PERF)		LF	\$5.95	\$0.00
18" HDPE PIPE (PERF)		LF	\$8.23	\$0.00
24" HDPE PIPE (PERF)		LF	\$11.93	\$0.00
30" HDPE PIPE (PERF)		LF	\$18.25	\$0.00
36" HDPE PIPE (PERF)		LF	\$22.35	\$0.00
4" CPP PIPE (SOLID)		LF		\$0.00
6" CPP PIPE (SOLID)		LF		\$0.00
8" CPP PIPE (SOLID)		LF		\$0.00



July 16, 2003

**Beneficiary:** Hamilton County Board of Commissioners  
 1 Hamilton County Square  
 Noblesville, IN 46060

**Applicant:** GWZ-2 Development LLC  
 9011 N. Meridian Street, Suite 202  
 Indianapolis, IN 46260

**RE:** Our Irrevocable Standby Letter of Credit No. 3225  
 Expiration Date and Place: July 16, 2004, available by draft(s) at sight at  
 The counters of Madison Community Bank.

Gentlemen:

By order of our client, GWZ-2 Development, LLC, we hereby issue our Irrevocable Standby Letter of Credit #3225, in your favor, for an amount not to exceed in the aggregate Forty Eight Thousand Seventy Five and 00/100 US Dollars (USD \$48,075.00), available by draft at sight drawn on Madison Community Bank when accompanied by the following documents:

Beneficiary's purported signed certificate stating that GWZ-2 Development LLC has failed to complete the Erosion Control in Wexley Chase.

Partial drawings are permitted.

We hereby undertake with you to honor each draft drawn under and in compliance with the terms of this Letter of Credit, if duly presented together with the documents specified at this office on or before the stated expiration date.

Except as otherwise stated, this Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credit (1993 Revision), International Chamber of Commerce Publication No. 500.

Very truly yours,

Kirk A. Klabunde  
 Vice President

33 WEST TENTH STREET  
 ANDERSON, IN 46016

100 WEST STATE STREET  
 PENDLETON, IN 46064-0210





July 16, 2003

**Beneficiary:** Hamilton County Board of Commissioners  
1 Hamilton County Square  
Noblesville, IN 46060

**Applicant:** GWZ-2 Development LLC  
9011 N. Meridian Street, Suite 202  
Indianapolis, IN 46260

**RE:** Our Irrevocable Standby Letter of Credit No. 3226  
Expiration Date and Place: July 16, 2004, available by draft(s) at sight at  
The counters of Madison Community Bank.

Gentlemen:

By order of our client, GWZ-2 Development, LLC, we hereby issue our Irrevocable Standby Letter of Credit #3226, in your favor, for an amount not to exceed in the aggregate One Hundred Thirty Nine Thousand Eight Hundred Ninety Eight and 00/100 US Dollars (USD \$139,898.00), available by draft at sight drawn on Madison Community Bank when accompanied by the following documents:

Beneficiary's purported signed certificate stating that GWZ-2 Development LLC has failed to complete the Storm Sewers in Wexley Chase.

Partial drawings are permitted.

We hereby undertake with you to honor each draft drawn under and in compliance with the terms of this Letter of Credit, if duly presented together with the documents specified at this office on or before the stated expiration date.

Except as otherwise stated, this Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credit (1993 Revision), International Chamber of Commerce Publication No. 500.

Very truly yours,

Kirk A. Klabunde  
Vice President

33 WEST TENTH STREET  
ANDERSON, IN 46016

100 WEST STATE STREET  
PENDLETON, IN 46064-0210

FINDINGS AND ORDER

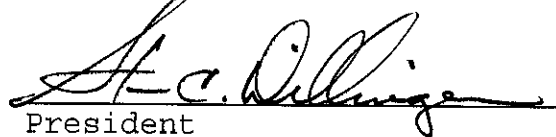
CONCERNING THE MAINTENANCE OF THE

J. W. Brendle Drain, Wexley Chase Arm

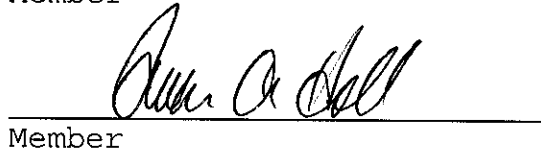
On this *24th day of November 2003*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *J. W. Brendle Drain, Wexley Chase Arm*.

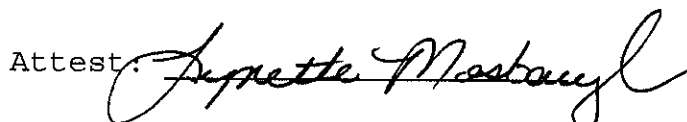
Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund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

HAMILTON COUNTY DRAINAGE BOARD

  
President

  
Member

  
Member

Attest: 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF  
*J. W. Brendle Drain, Wexley Chase Arm*

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **J. W. Brendle Drain, Wexley Chase Arm** on **November 24th**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports 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: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF THE

*J. W. Brendle Drain, Wexley Chase Arm*

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **November 24, 2003** 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 be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Wexley Chase Subdivision

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer 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.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.

Signature: Brian L. Haggard Date: 02/11/04

Type or Print Name: Brian L. Haggard, Banning Engineering, P.C.

Business Address: 698 Tower Road, Suite 100

Plainfield, IN 46168

Telephone Number: (317) 839-2581

SEAL

INDIANA REGISTRATION NUMBER



29800001

# Valenti-Held, Inc.

4355 S. Indianapolis Road  
Whitestown, IN 46075-9537

317-769-6922 (Ext. 108)  
317-769-5525 (Fax)

## LETTER OF TRANSMITTAL

05/14/2003	JOB NO.
Lance Ferrell	
Banning Engineers	
698 Tower Road, Suite 100	
Indianapolis, IN 46240	
(317) 839-2581 (o)	
(317) 838-9171 (f)	

### WE AREA SENDING YOU

ATTACHED       SPECIFICATIONS       CONTRACTS  
 PRINTS       SHOP DRAWINGS       OTHER

COPIES	DATE	DESCRIPTION
1		Storm and SSD Unit Cost sheets for Wexley Chase

### THESE ARE TRANSMITTED AS NOTED BELOW:

FOR APPROVAL       AS REQUESTED  
 FOR REVIEW & COMMENT      RETURN       COPIES  
 FOR YOUR RECORDS      OTHER     

REMARKS Please call with any questions 714-1130.

**FILED**

**MAY 20 2003**

OFFICE OF HAMILTON COUNTY SURVEYOR

COPY TO: FILE

SIGNED: Kevin Brown  
Estimator

If enclosures are not as noted, kindly notify us at once.

STORM SEWERS UNIT COSTS			
Wexley Chase			
Depth	Quantity *	Unit Cost	Total Cost
12" Pipe (LF)	1810	\$18.00	\$32,580
12" End Sect. (EA)	7	\$750.00	\$5,250
12" Trash G. (EA)		\$125.00	\$0
15" Pipe (LF)	459	\$20.00	\$9,180
15" End Sect. (EA)	2	\$800.00	\$1,600
15" Trash G. (EA)		\$167.50	\$0
18" Pipe (LF)	502	\$22.50	\$11,295
18" End Sect. (EA)	1	\$850.00	\$850
18" Trash G. (EA)		\$175.00	\$0
21" Pipe (LF)	0	\$22.50	\$0
21" End Sect. (EA)	0	\$900.00	\$0
21" Trash G. (EA)		\$200.00	\$0
24" Pipe (LF)	199	\$28.50	\$5,672
24" End Sect. (EA)	1	\$950.00	\$950
24" Trash G. (EA)		\$250.00	\$0
27" Pipe (LF)	0	\$31.00	\$0
27" End Sect. (EA)	0	\$1,050.00	\$0
27" Trash G. (EA)		\$300.00	\$0
30" Pipe (LF)	0	\$35.00	\$0
30" End Sect. (EA)	0	\$1,150.00	\$0
30" Trash G. (EA)		\$350.00	\$0
33" Pipe (LF)	0	\$39.00	\$0
33" End Sect. (EA)	0	\$1,250.00	\$0
33" Trash G. (EA)		\$350.00	\$0
36" Pipe (LF)	0	\$45.00	\$0
36" End Sect. (EA)	0	\$1,500.00	\$0
36" Trash G. (EA)		\$350.00	\$0
42" Pipe (LF)	0	\$50.00	\$0
42" End Sect. (EA)	0	\$1,800.00	\$0
42" Trash G. (EA)		\$350.00	\$0
48" Pipe (LF)	0	\$55.00	\$0
48" End Sect. (EA)	0	\$2,100.00	\$0
48" Trash G. (EA)		\$350.00	\$0
Std. Manhole (EA)	15	\$1,700.00	\$25,500
Large Manhole (EA)	2	\$2,400.00	\$4,800
Double Inlet Manhole (EA)		\$1,800.00	\$0
Inlets (EA)	8	\$1,300.00	\$10,400
Sand Backfill (TN)	806	\$6.00	\$4,836
Rip Rap (TN)	121	\$25.00	\$3,025
<b>TOTAL</b>			<b>\$115,938</b>

Valenti Held Contractor/Developer, Inc.

**FILED**

**MAY 20 2003**

OFFICE OF HAMILTON COUNTY SURVEYOR

05/14/2003

9:04 AM

Wexley Chase Final.xls

SUBSURFACE DRAINS UNIT COSTS			
Wexley Chase			
	Quantity *	Unit Cost	Total Cost
4" SSD Under Curb	LF 0	\$3.25	\$0
6" SSD Under Curb	LF 5600	\$3.85	\$21,560
Loc Laterals	EA 40	\$60.00	\$2,400
<b>TOTAL</b>			> \$23,960

WATER MAINS UNIT COSTS			
Wexley Chase			
Depth	Quantity *	Unit Cost	Total Cost
3" Main (LF)	0	\$11.75	\$0
3" Gate Valve(EA)		\$800.00	\$0
3" Blow-Off(EA)		\$700.00	\$0
6" Main (LF)	602	\$14.00	\$8,428
6" Gate Valve(EA)		\$850.00	\$0
6" Blow-Off(EA)		\$750.00	\$0
8" Main (LF)	2227	\$17.25	\$38,416
8" Gate Valve(EA)	9	\$1,000.00	\$9,000
8" Blow-Off(EA)		\$800.00	\$0
10" Main (LF)	0	\$19.50	\$0
10" Gate Valve(EA)		\$1,100.00	\$0
10" Blow-Off(EA)		\$1,000.00	\$0
12" Main (LF)	0	\$21.50	\$0
12" Gate Valve(EA)		\$1,500.00	\$0
12" Blow-Off(EA)		\$1,200.00	\$0
16" Main (LF)	0	\$25.50	\$0
16" Gate Valve(EA)		\$2,000.00	\$0
16" Blow-Off(EA)		\$1,500.00	\$0
Fire Hydrants (EA)	9	\$1,725.00	\$15,525
FH Aux Valves (EA)	7	\$850.00	\$5,950
Street Cut	1	\$2,800.00	\$2,800
Sand Backfill (TN)	132	\$6.50	\$858
<b>TOTAL</b>			> \$80,977

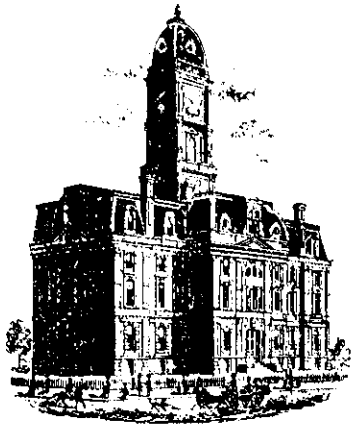
WATER LATERALS UNIT COSTS			
Wexley Chase			
Depth	Quantity *	Unit Cost	Total Cost
1" SERVICE LATERALS	LF 2280	\$7.00	\$15,960
LATERAL TAPS	EA 40	\$75.00	\$3,000
GRANULAR BACKFILL	TN 286	\$6.50	\$1,859
<b>TOTAL</b>			> \$20,819

FILED  
MAY 20 2003

OFFICE OF HAMILTON COUNTY SURVEYOR

Valenti Held Contractor/Developer, Inc.





SURVEYOR'S OFFICE

# Hamilton County

*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**

**June 21, 2005**

**Re: JW Brendle Drain: Wexley Chase Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Wexley Chase. 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 October 17, 2003. The report was approved by the Board at the hearing held November 24, 2003. (See Drainage Board Minutes Book 7, Pages 258-260) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Length Changes:
107-106	30	12	RCP	906.37	906.22	0.5	
106-105	88	15	RCP	906.04	905.25	0.9	1
105-101	133	18	RCP	905.13	903.76	1.03	-2
101-100	194	24	RCP	903.59	903.03	0.29	-5
104-103	44	12	RCP	907.44	907.14	0.69	-1
103-102	215	12	RCP	906.24	904.5	0.81	
110-108	61	12	RCP	904.91	904.27	1.06	
109-108	30	12	RCP	904.73	904.37	1.2	
102-108	175	18	RCP	904.14	903.77	0.21	
130-129	119	12	RCP	902.9	900.75	1.81	-9
129-128	394	12	RCP	900.61	894.55	1.54	-2
125-124	30	12	RCP	904.07	903.84	0.77	
124-123	154	15	RCP	903.73	903.28	0.29	
123-122	75	15	RCP	903.28	902.94	0.45	
134-133	20	12	RCP	903.14	902.3	4.85	
133-132	145	12	RCP	902.22	900.41	1.25	
132-131	27	15	RCP	900.2	900.05	0.57	-4
136-135	50	12	RCP	896.62	894.85	3.58	-16
115-114	224	12	RCP	909.91	908.92	0.44	-6
114-113	70	12	RCP	908.85	908.37	0.69	
113-112	128	18	RCP	908.25	907.67	0.45	3
112-111	61	18	RCP	907.76	907.59	0.28	-6
119-118	109	12	RCP	911.07	910.55	0.48	-1

118-117	105	12	RCP	910.53	909.01	1.45	
117-116	89	12	RCP	909.01	908.48	0.47	-1
117-121	30	12	RCP	909.06	909.01	0.17	
127-EX	17	12	RCP	908.78	908.59	0.95	
108-102	46	15	RCP	904.35	904.3	0.11	
120-119	32	12	RCP	911.36	911.09	0.86	-3
116-113	47	15	RCP	908.48	908.27	0.45	2

**6" SSD Streets:**

Tram Ln	821.5
Wexley Ct	215
Tuscany Blvd	724
KilKenny Cir	1034.5
<b>Totalx2:</b>	<u>5490</u>

**6" SSD Lots:**

Detention Basin	319
<b>Total:</b>	<u>319</u>

**RCP Pipe Totals:**

12	1814
15	437
18	497
24	194
<b>Total:</b>	<u>2942</u>

The length of the drain due to the changes described above is now **8,751 feet**.

The non-enforcement was approved by the Board at its meeting on November 24, 2003 and recorded under instrument #200400018963.

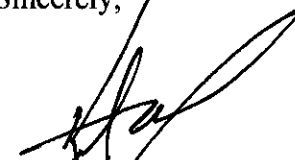
The following sureties were guaranteed by Madison Community Bank and released by the Board on its June 13, 2005 meeting.

**Bond-LC No:** 3226  
**Insured For:** Storm Sewers  
**Amount:** \$139,898  
**Issue Date:** June 16, 2003

**Bond-LC No:** 3225  
**Insured For:** Erosion Control  
**Amount:** \$48,075  
**Issue Date:** June 16, 2003

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

Sincerely,



\_\_\_\_\_  
Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

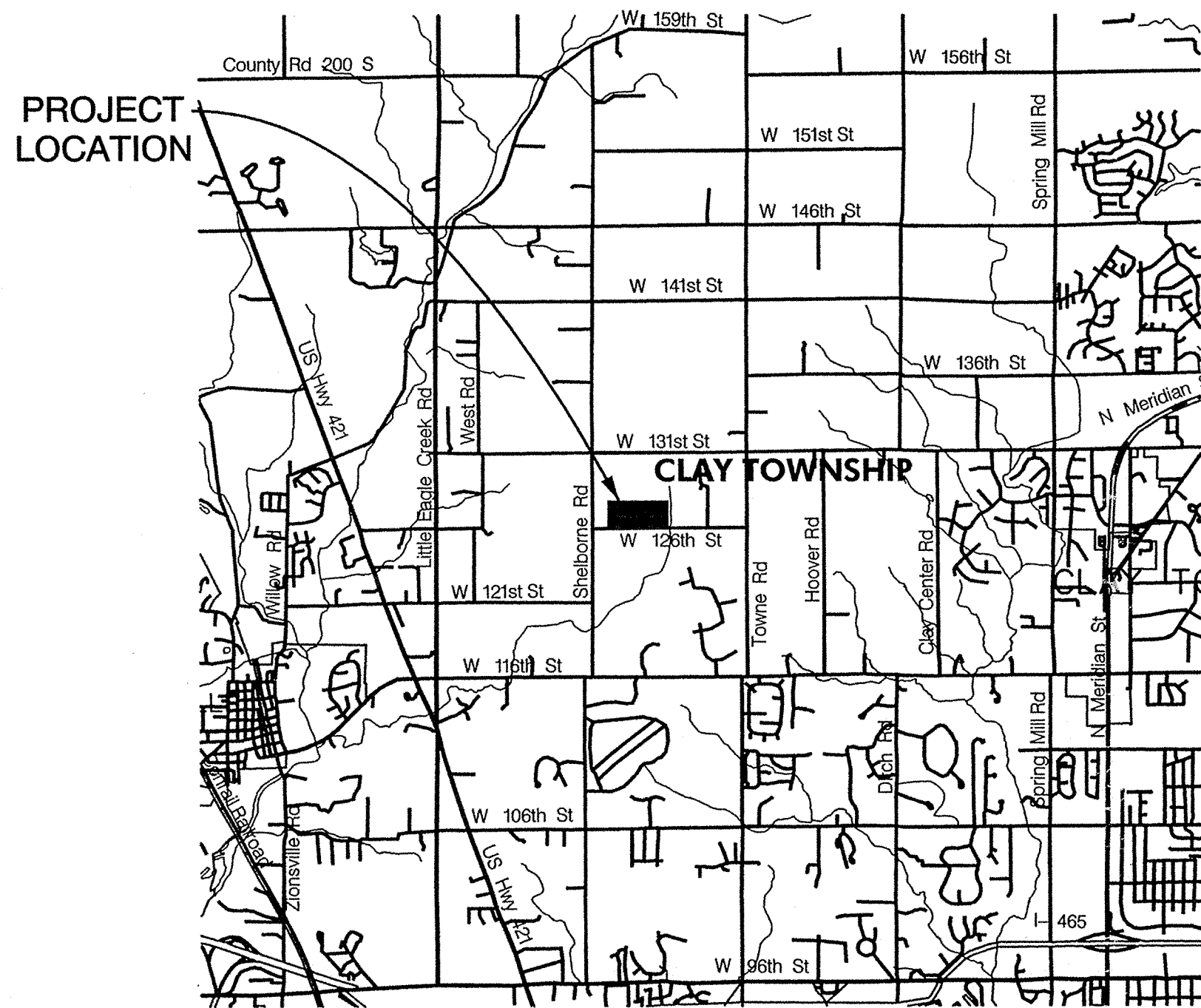
# WEXLEY CHASE SUBDIVISION

SECTION 29, TOWNSHIP 18N, RANGE 3E, CLAY TOWNSHIP  
HAMILTON COUNTY, INDIANA  
ZONED: S-1

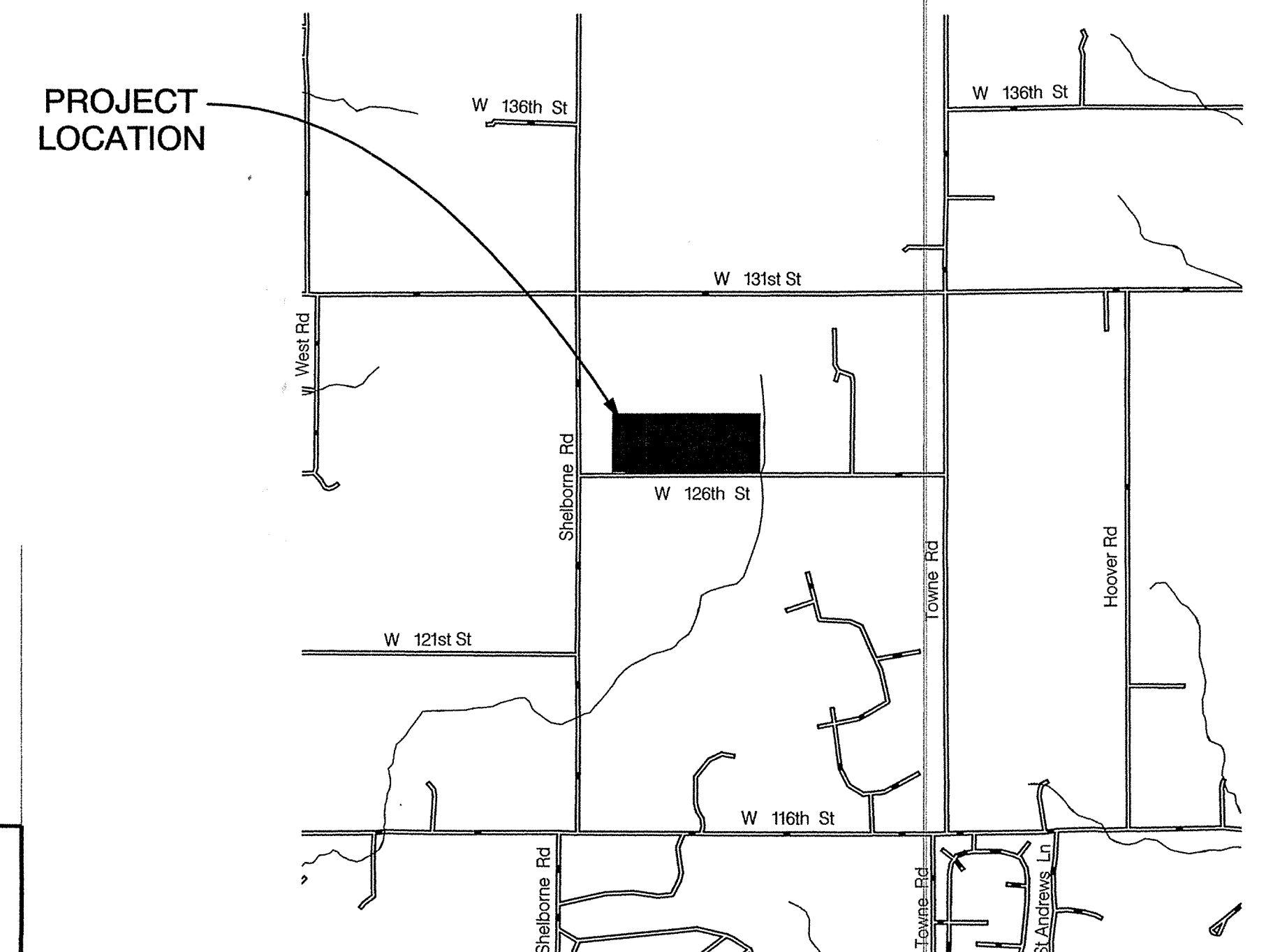
**PLANS PREPARED FOR:**  
GWZ-2 DEVELOPMENT LLC  
9011 NORTH MERIDIAN STREET  
INDIANAPOLIS, INDIANA, 46260  
PHONE: (317) 573-9301  
FAX: (317) 573-9100  
CONTACT: MARK ZUKERMAN

DOCKET NO. 183-02

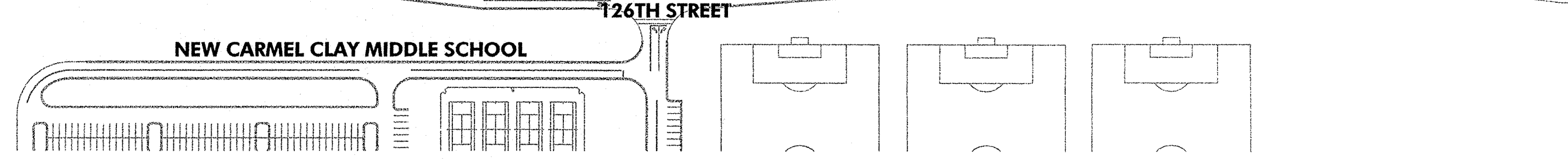
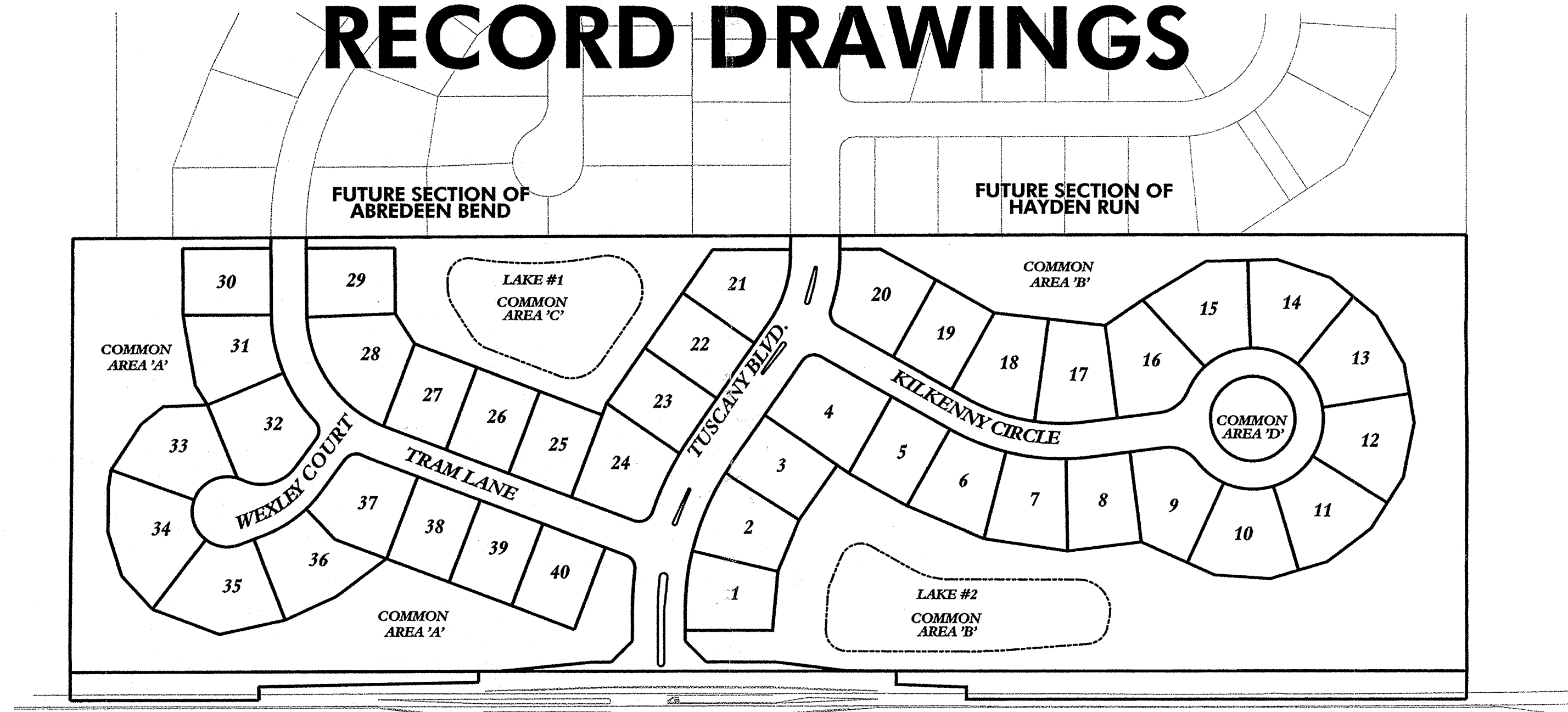
## RECORD DRAWINGS



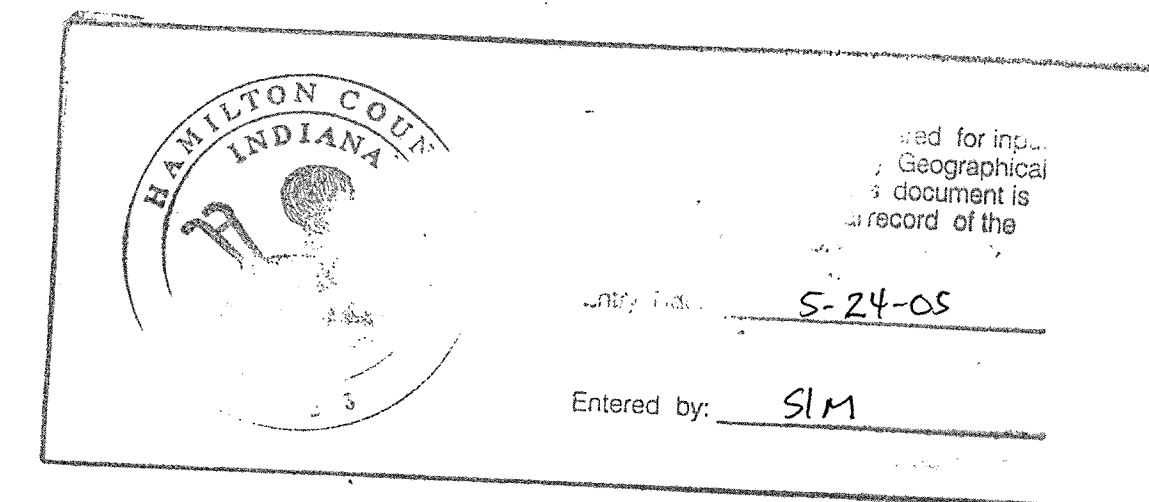
VICINITY MAP  
NO SCALE



LOCATION MAP  
NO SCALE



SITE MAP  
SCALE: 1" = 150'



### OPERATING AUTHORITIES

<b>GAS</b> Vectren P.O. Box 1700 Noblesville, IN, 46060 317-776-5535 CHUCK SHUPPERT	<b>CABLE TELEVISION</b> Time-Warner Cable 3030 Roosevelt Ave. Indianapolis, IN, 46204 317-632-9077 JASON KIRKMAN	<b>WATER</b> City of Carmel Water-Wastewater Utilities 130 First Avenue Carmel, IN 46032 317-571-2648 Paul Pace
<b>ELECTRIC</b> Cinergy /PSI 1441 South Guilford Road Carmel, IN 46032 317-776-5347 Rick McClain	<b>STREETS</b> Hamilton County Highway Department 1770 South 10th Street Noblesville, IN 46060 317-773-7770 STEVE BROEMANN	<b>TELEPHONE</b> SBC 5858 N. College Ave. Indianapolis, IN, 46220 317-972-9700 Jeremy Pendleton
<b>SANITARY</b> Clay Township Regional Waste District 10701 North College Avenue, Suite A Indianapolis, IN 46240 317-844-9200 Jay W. Alley	<b>SCHOOL DISTRICT</b> Carmel/Clay Schools 5201 East 101st Street Carmel, IN 46033 317-844-9961 Ron Farrand	

### STREET NAME CHART

LINE	STREET NAME	STREET LENGTH
A	TUSCANY BOULEVARD	717.51'
B	KILKENNY CIRCLE	688.83'
C	TRAM LANE	782.92'
D	WEXLEY COURT	223.31'
E	KILKENNY CIRCLE	502.65'

25 MPH DESIGN SPEED

### REVISIONS

DATE	DESCRIPTION
03-21-03	PER CARMEL WATER, NRCS, HAMILTON COUNTY HIGHWAY & SURVEYOR
04-11-03	PER NRCS COMMENT LETTER DATED 04-09-03
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05-16-03	PER ON-SITE WALK THROUGH

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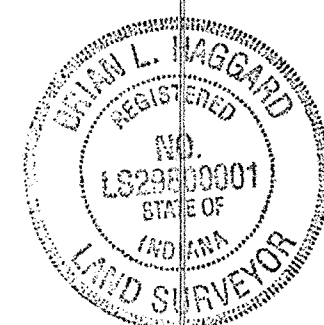
### PLANS PREPARED BY:

**BANNING ENGINEERING**  
698 TOWER ROAD, SUITE #100  
PLAINFIELD, IN 46168  
BUS. (317) 839-2581, FAX (317) 838-9171  
E-MAIL [banning@banning-eng.com](mailto:banning@banning-eng.com)  
CONTACT: LANCE G. FERRELL

### Certificate of Survey

I hereby state that the record information provided herein is true and correct to the best of my knowledge and belief and was collected under my supervision with the field data completed on JANUARY 02, 2004. The record information pertains to the location and elevation of the storm and sanitary sewer structures, the size and type of the sewer pipes, and the slope of said pipes between structures. The elevations on top of casing of the structures and their accompanying pipe inverts are accurate to within 0.05 feet and were gathered using an auto-level applying standard leveling techniques. The record locations of the sanitary sewer laterals were provided as placed by those responsible for construction of said sewer and are subject to the accuracy of the measurements provided.

*Brian L. Haggard* 11/2/04  
Brian L. Haggard  
Registered Land Surveyor - LS29800001  
State of Indiana



CERTIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

"DON'T DIG BLIND"



1-800-382-5544  
CALL BEFORE YOU DIG



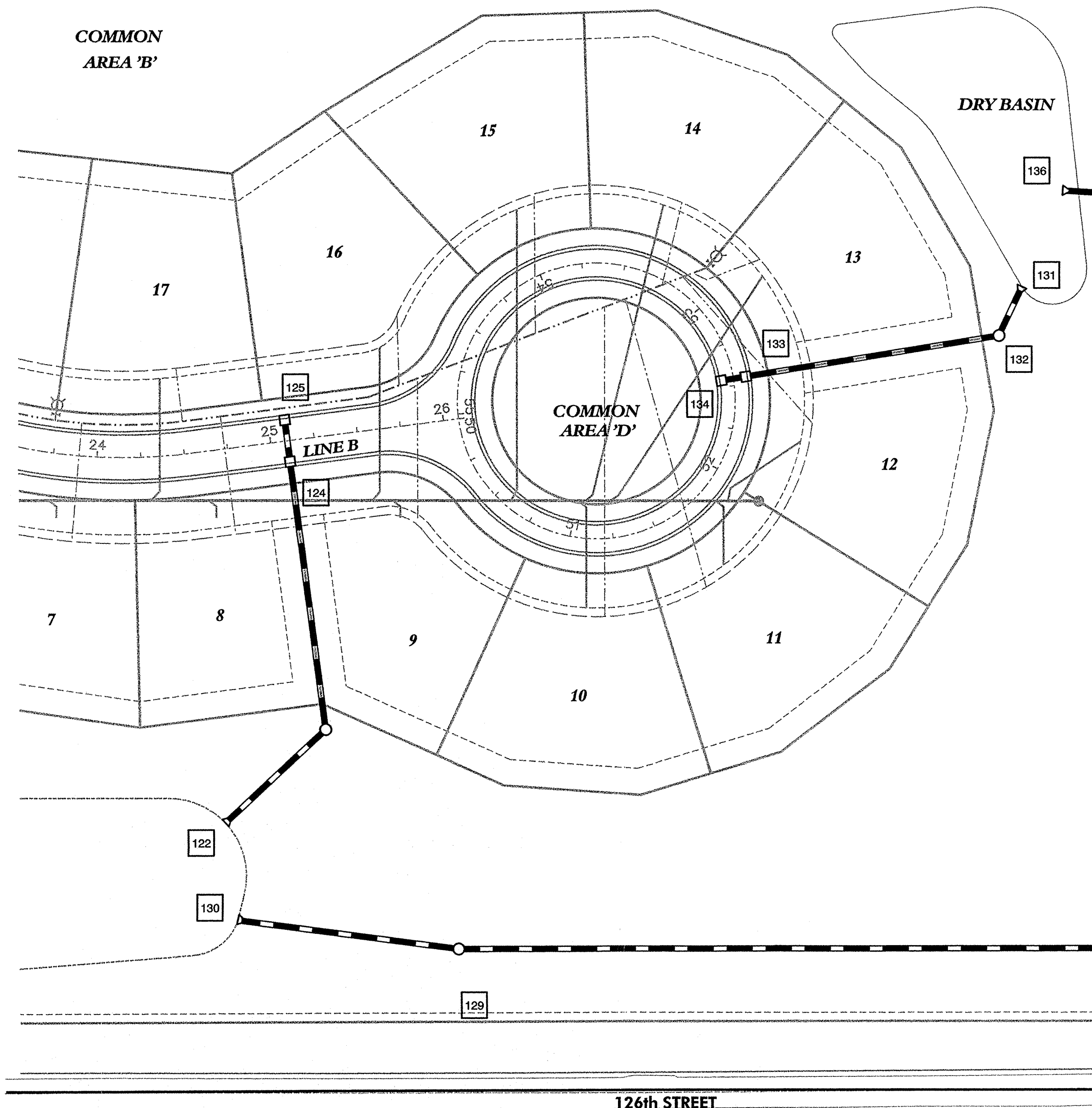




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# RECORD DRAWINGS

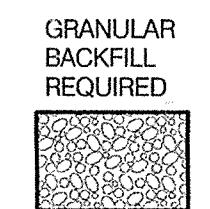
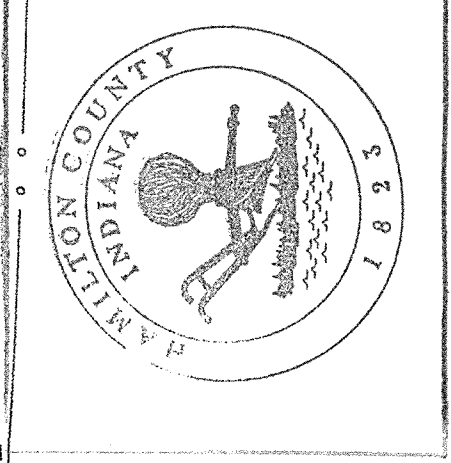
SCALE:  
1"=5' VERT.  
1"=50' HOR.

### STORM SEWER GENERAL NOTES

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This information was gathered by [unclear] into the Hamilton County Geographic Information System. This document is considered an official record of the County.

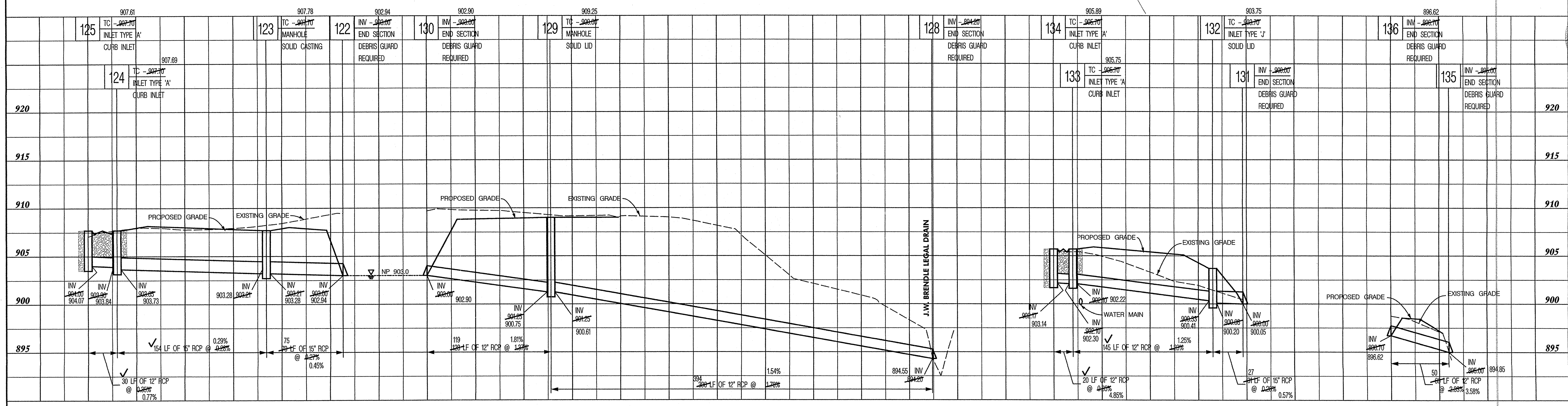
Entry Date: 5-20-05  
Entered by: JLM



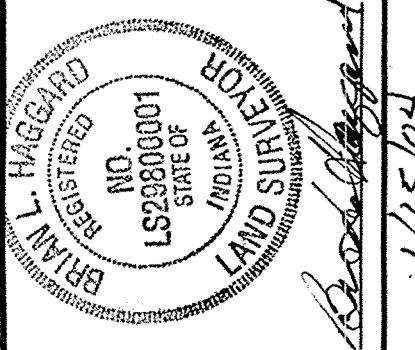
NOTE: WATER MAIN SHALL BE 24" BELOW ALL STORM SEWER CROSSINGS.

### STREET NAME CHART

LINE	STREET NAME
A	TUSCANY BOULEVARD
B	KILKENNY CIRCLE
C	TRAM LANE
D	WEXLEY COURT
E	KILKENNY CIRCLE



**STORM SEWER PLAN & PROFILE**  
**WEXLEY CHASE**  
**HAMILTON COUNTY**  
**CARMEL, INDIANA**



**BANNING ENGINEERING**  
 698 TOWER ROAD, SUITE #100  
 PLAINFIELD, IN 46168  
 BUS. (317) 839-2581, FAX (317) 838-9171  
 E-MAIL: [banning@banning-eng.com](mailto:banning@banning-eng.com)

Project No: 02129  
 Sheet No:



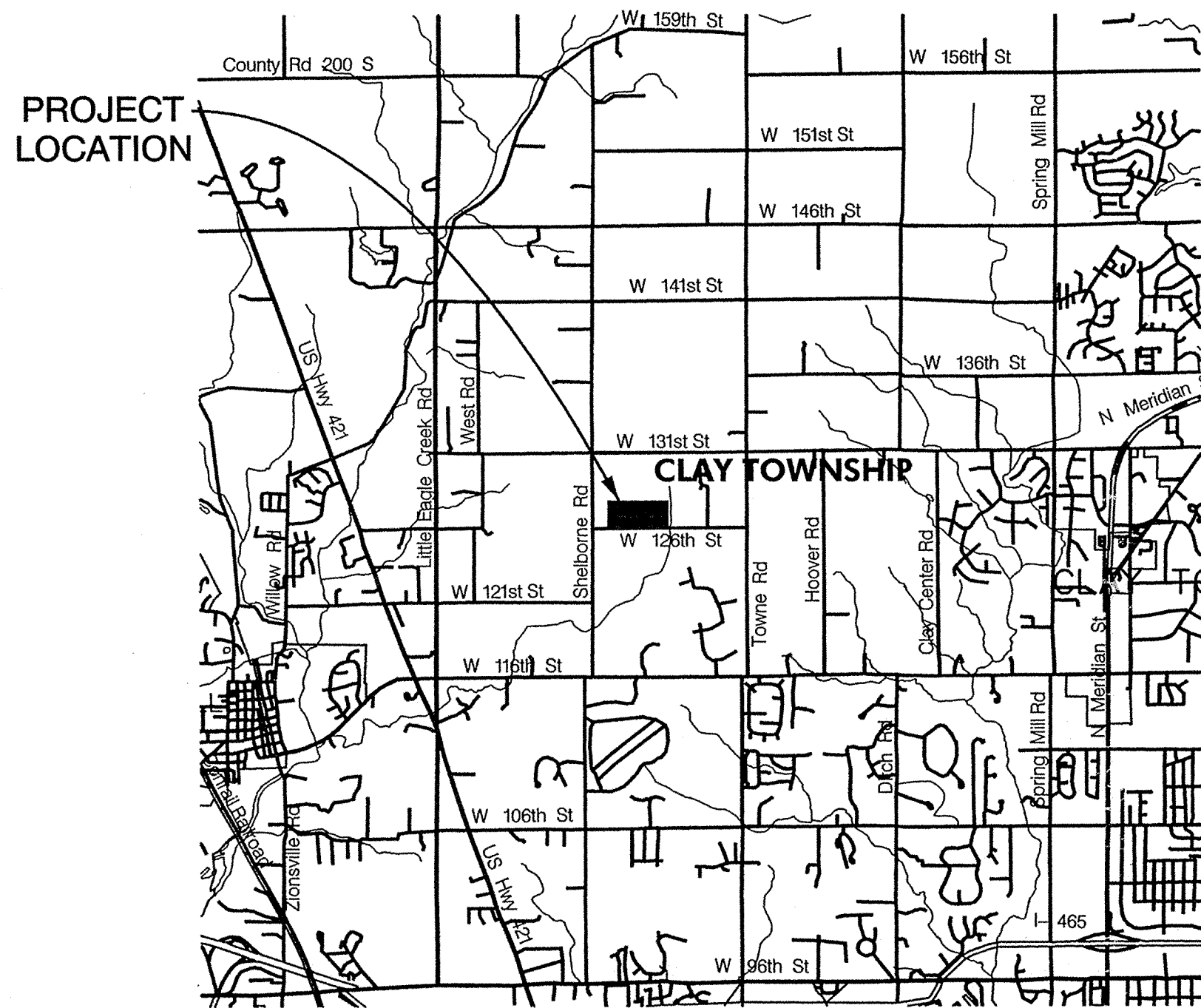
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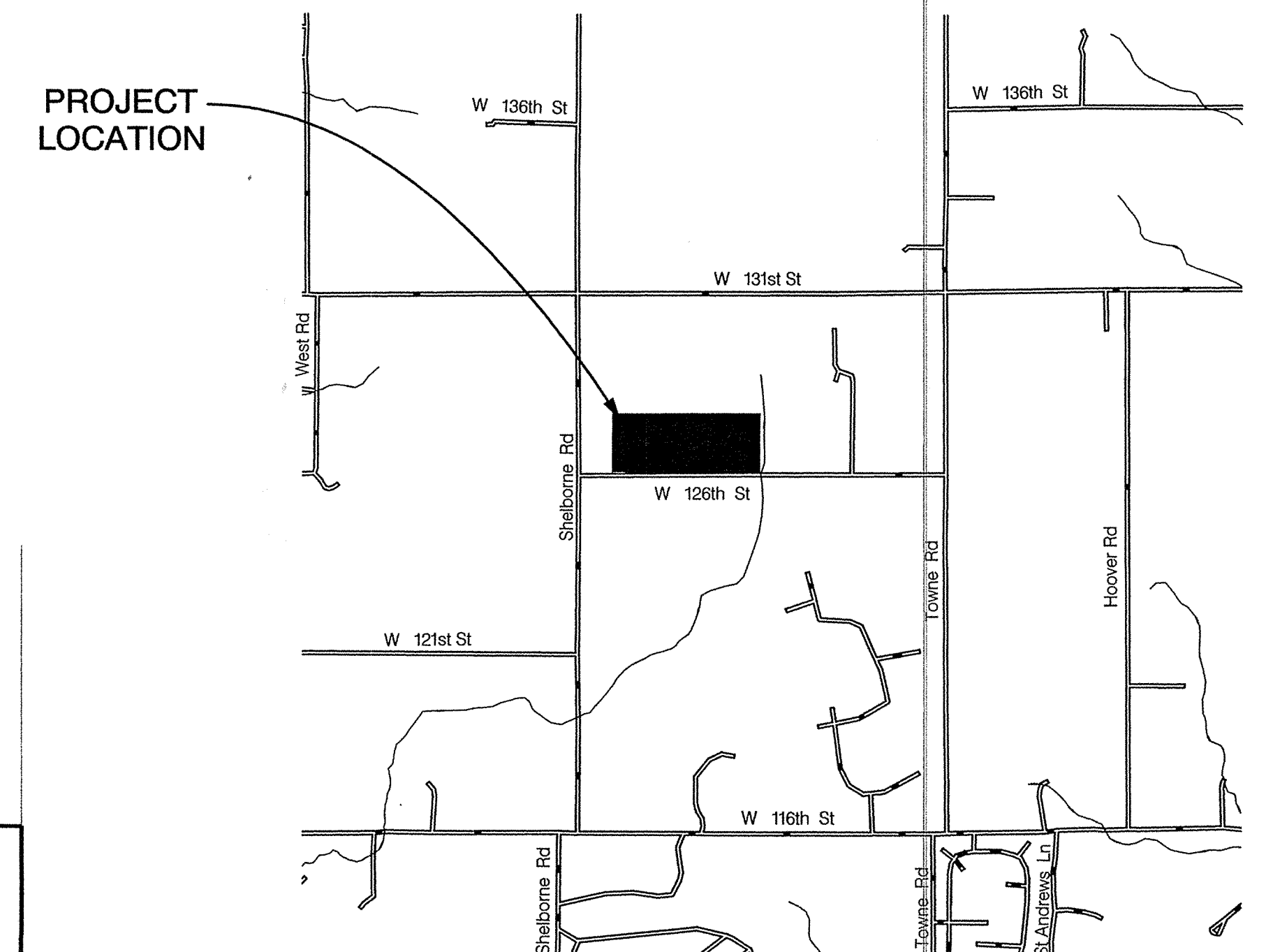
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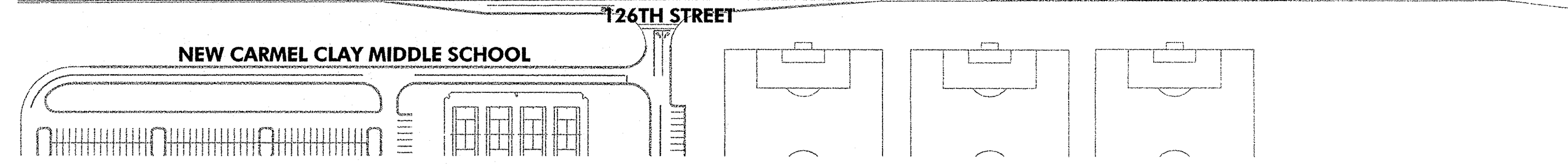
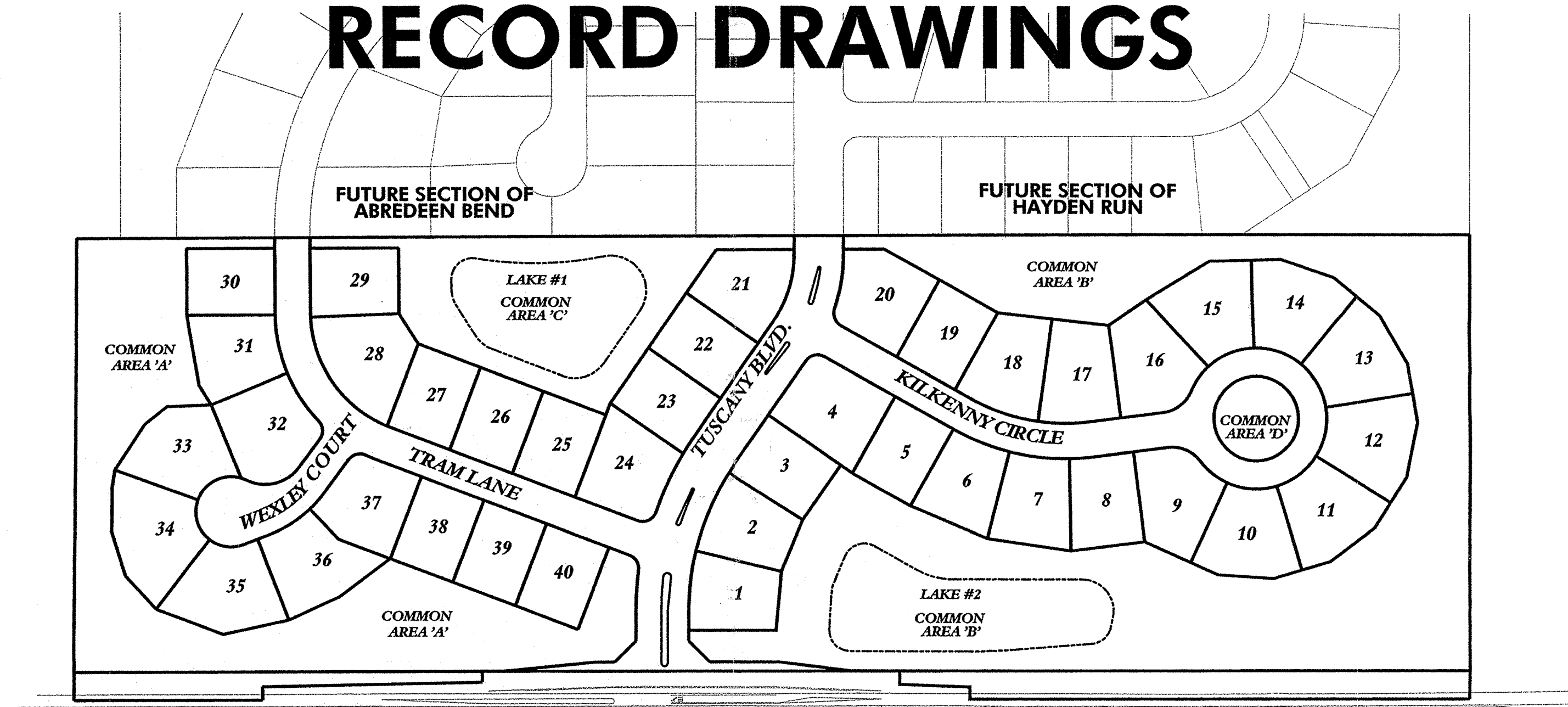
## RECORD DRAWINGS



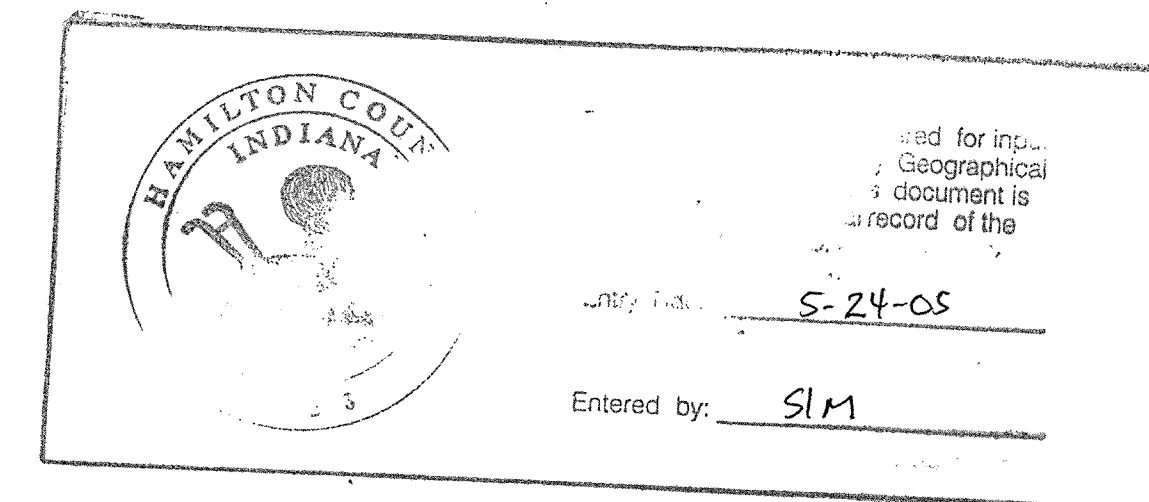
VICINITY MAP  
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LOCATION MAP  
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SITE MAP  
SCALE: 1" = 150'



**OPERATING AUTHORITIES**

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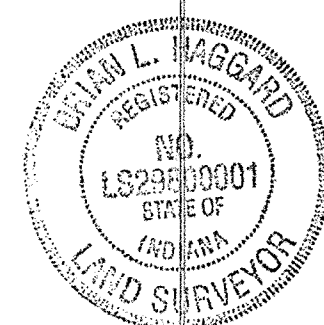
**PLANS PREPARED BY:**

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PLAINFIELD, IN 46168  
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*Brian L. Haggard* 11/2/04  
Brian L. Haggard  
Registered Land Surveyor - LS29800001  
State of Indiana



CERTIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

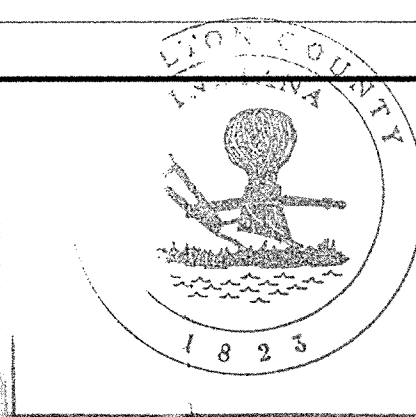
"DON'T DIG BLIND"



1-800-382-5544  
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WEXLEY CHASE /PROJECT NO. 02129

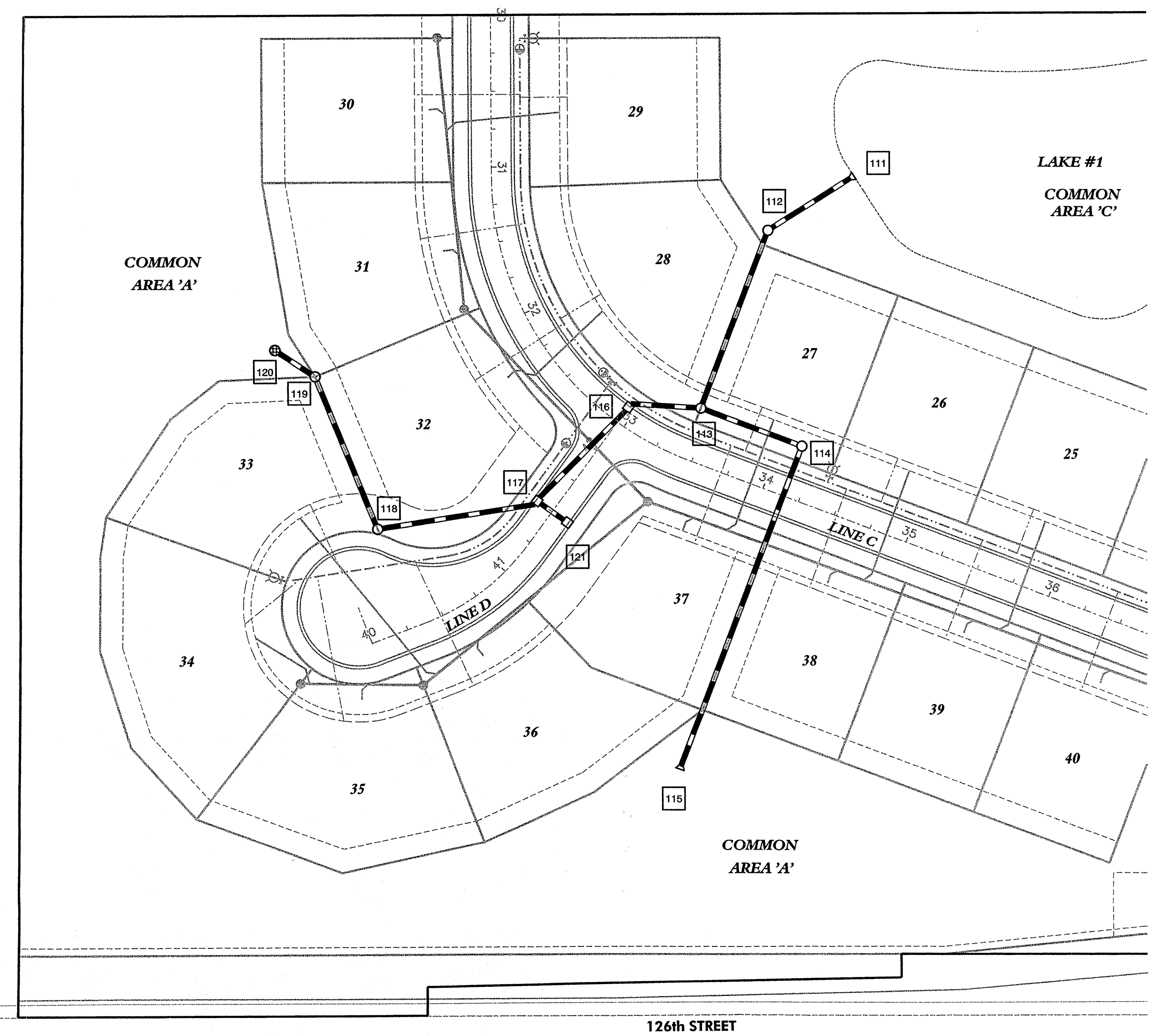




This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.  
 Entry Date: 5-24-05  
 Entered by: SLM

# RECORD DRAWINGS

SCALE:  
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 1"=50' HOR.



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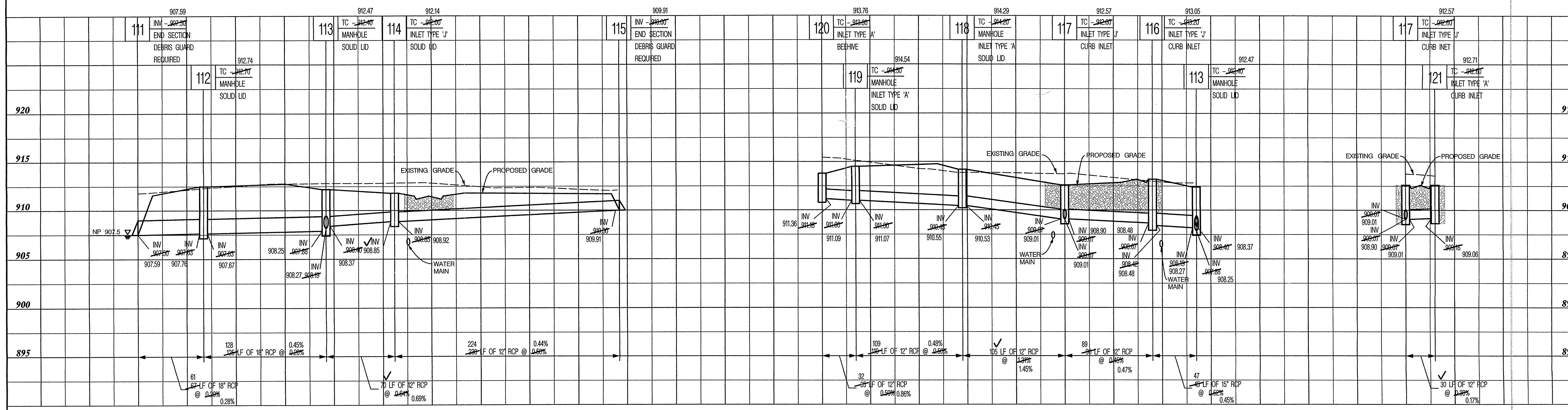
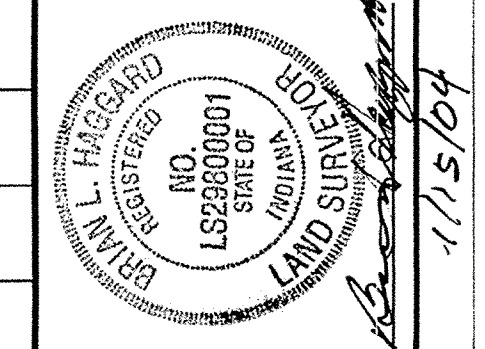


NOTE: WATER MAIN SHALL BE 24" BELOW ALL STORM SEWER CROSSINGS.

### STREET NAME CHART

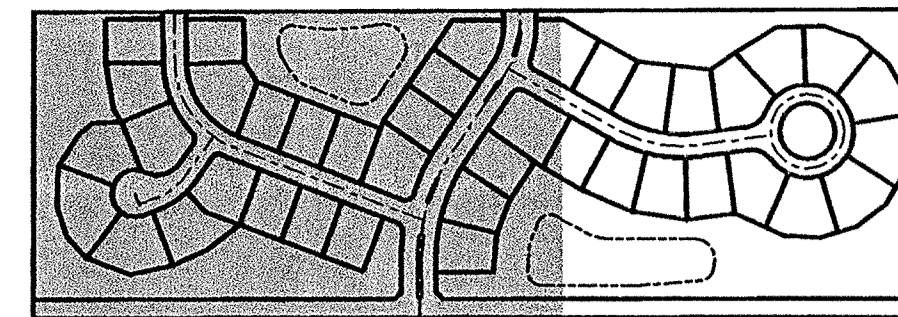
LINE	STREET NAME
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**STORM SEWER PLAN & PROFILE**  
**WEXLEY CHASE**  
**HAMILTON COUNTY**  
**CARMEL, INDIANA**

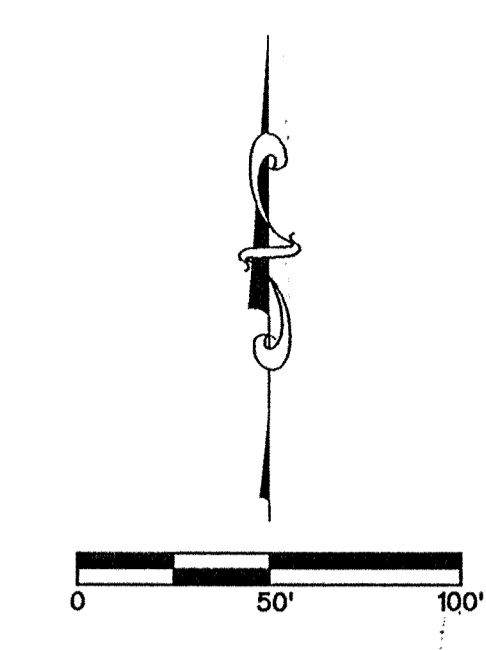


**BANNING ENGINEERING**  
 698 TOWER ROAD, SUITE #100  
 PLAINFIELD, IN 46168  
 BUS. (317) 839-2581, FAX (317) 838-9171  
 E-MAIL [banning@banning-eng.com](mailto:banning@banning-eng.com)





KEYMAP  
NO SCALE



FUTURE SECTION  
ABERDEEN BEND

FUTURE SECTION  
HAYDEN RUN

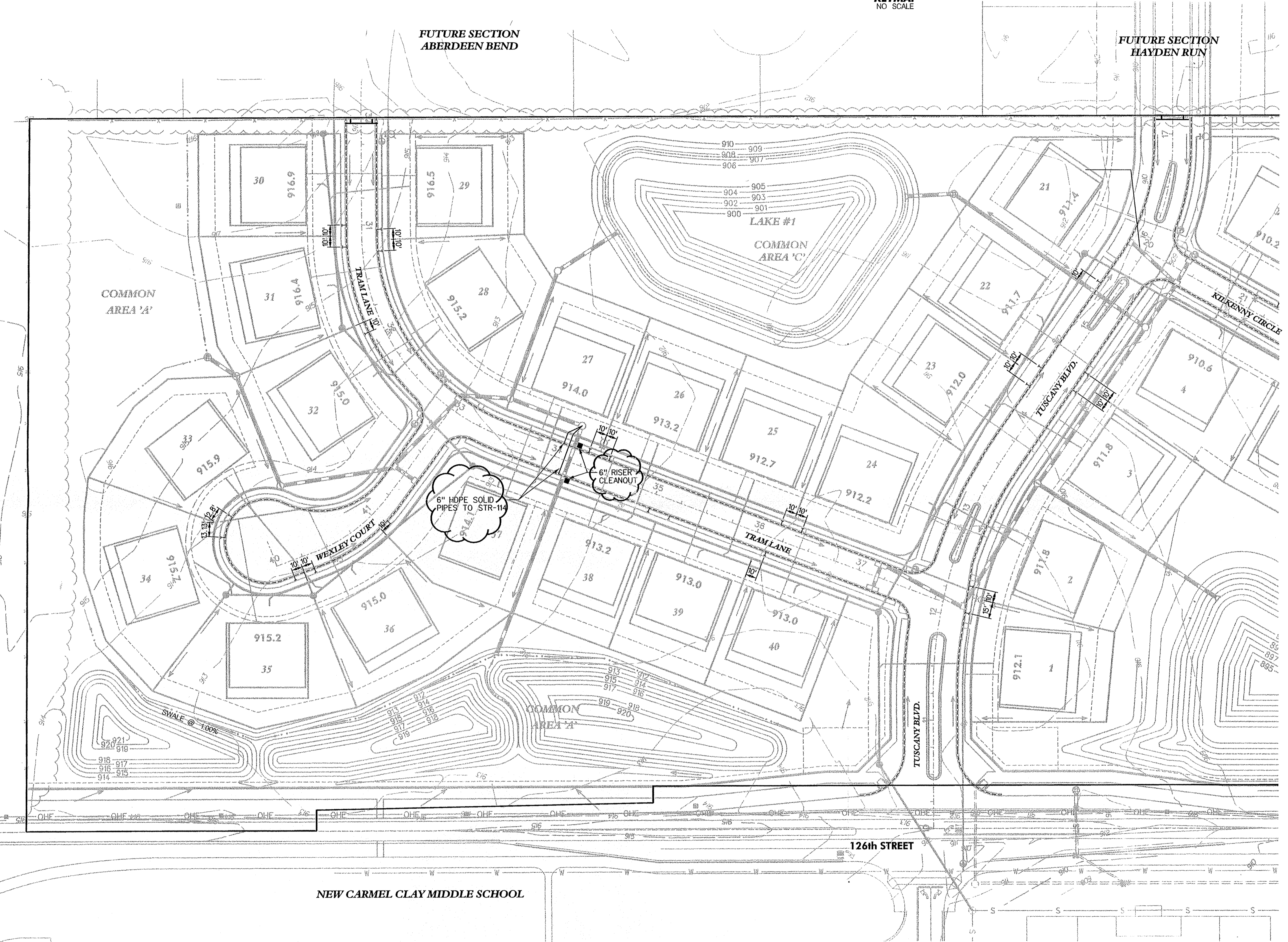
**LEGEND**

**EXISTING**

- STORM SEWER
- S- SANITARY SEWER
- W- WATER LINE
- X-X- FENCE LINE
- G- GAS LINE
- OHE- OVERHEAD UTILITIES
- MANHOLE
- ⊕ STORM INLET
- ⊕ FIRE HYDRANT
- ▲ WATER VALVE
- ⊕ ELECTRIC TRANSFORMER
- CATV OR TELEPHONE PEDESTAL

**PROPOSED**

- STORM SEWER
- S- SANITARY SEWER
- W- WATER LINE
- SD- SUB-SURFACE DRAIN
- SANITARY MH
- STORM MH
- ⊕ STORM INLET
- ⊕ SANITARY STRUCTURE NO.
- ⊕ STORM STRUCTURE NO.
- BUILDING PAD
- 29 (872.5) LOT NUMBER
- 873.6 FLOOD PROTECTION GRADE
- PAD ELEVATION
- (NP) NO PAD
- MFF MINIMUM FINISH FLOOR
- 910.2 SUB-DRAIN INVERT



6" SUB SURFACE DRAIN ON THE WEST SIDE OF THE 12" RCP TURNS NORTH @ 34+10AND TIES INTO STRUCTURE \*114;  
6" HDPE SOLID PIPE WAS USED AND BOTH SIDES OF STREET SSD WAS KEPT INDEPENDENT OF EACH OTHER.

6" SUBSURFACE DRAIN ON THE EAST SIDE OF THE 12" RCP TURNS TOWARD THE CURBS ON EACH SIDE OF THE  
STREET @ 34+40 AND A 6" RISER CLEANOUT WAS INSTALLED BEHIND THE CURB ON EACH SIDE OF THE STREET.  
CLEANOUTS WERE INSTALLED PER HAMILTON COUNTY SPECIFICATIONS.

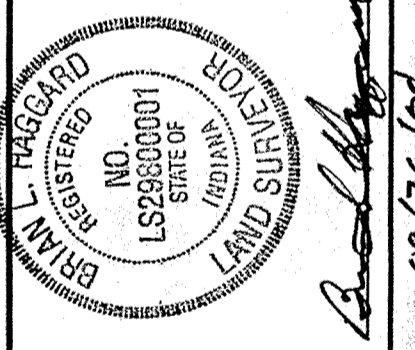
STRUCTURE \*114 WAS CHANGED TO A 48" ROUND STRUCTURE TO ACCOMMODATE THE SSD CHANGE.



# RECORD DRAWINGS

Revisions	Date
PER HAMILTON COUNTY SURVEYOR	03-21-03
PER HAMILTON COUNTY SURVEYOR	03-21-03
PER HAMILTON COUNTY SURVEYOR	06-19-03
Designed: LCF	
Drawn: SJH	
Checked:	
Scale: 1"=50'	
Date: 02-25-03	

**SUB-SURFACE DRAIN PLAN**  
**WEXLEY CHASE**  
**HAMILTON COUNTY**  
**CARMEL, INDIANA**

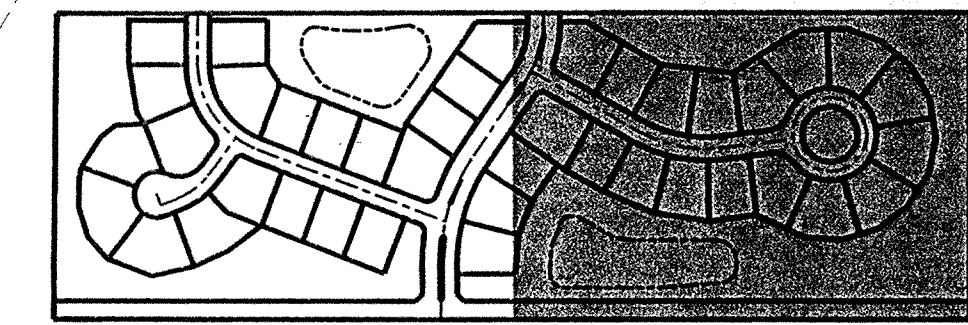
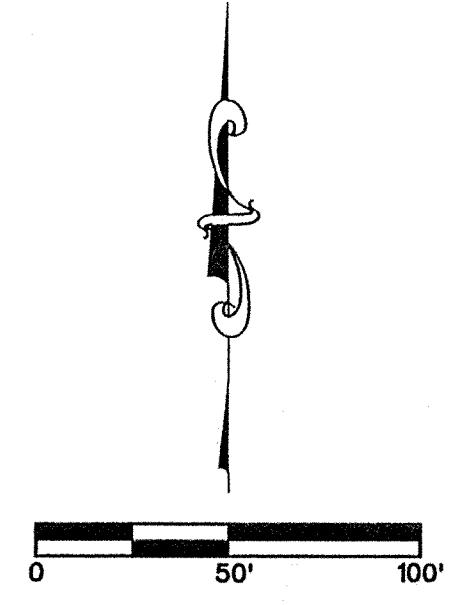


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 698 TOWER ROAD, SUITE #700  
 PLAINFIELD, IN 46168  
 BUS. (317) 839-2581, FAX (317) 838-9171  
 E-MAIL [banning@banning-eng.com](mailto:banning@banning-eng.com)

Project No:	02129
Sheet No:	1 of 2

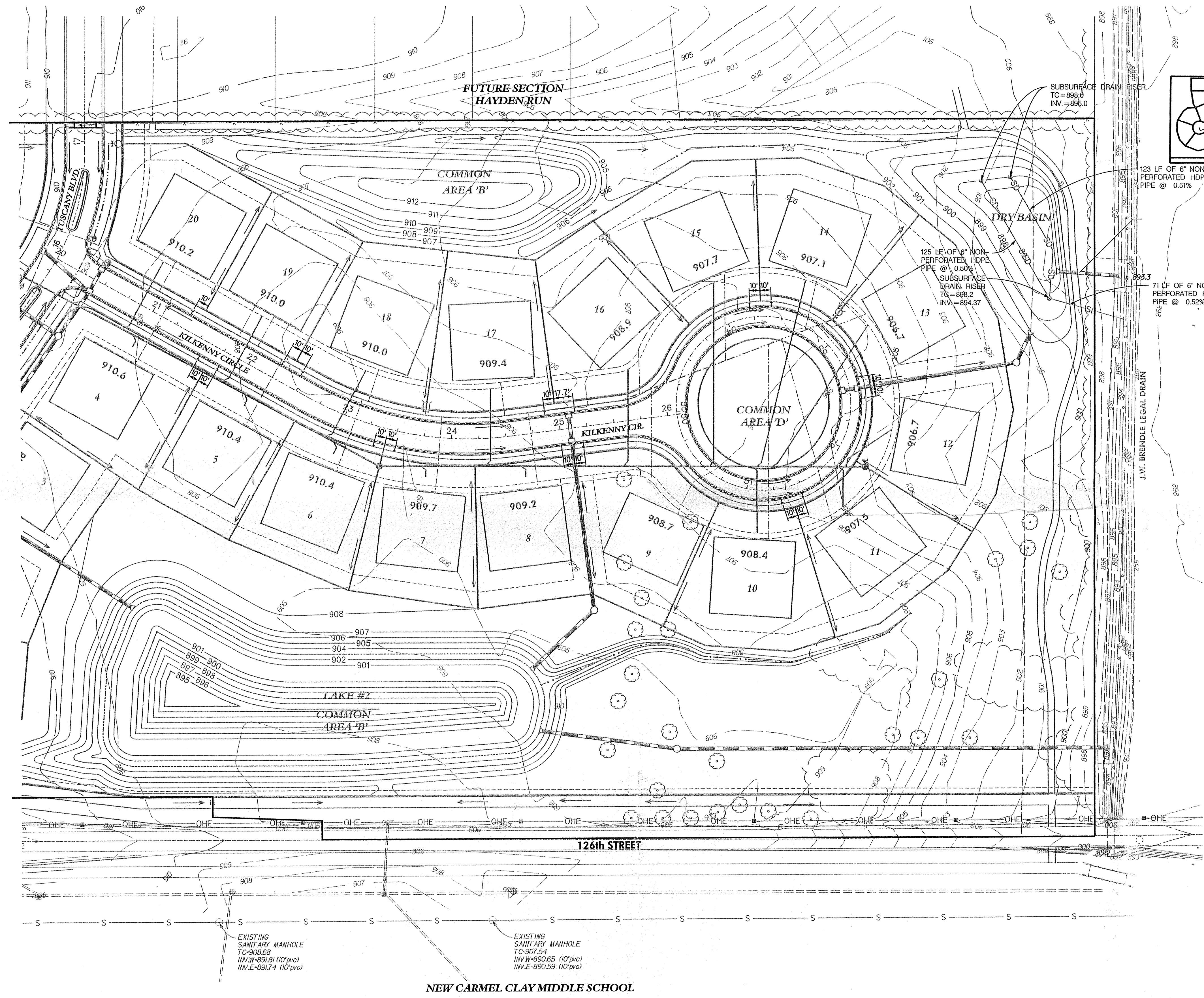


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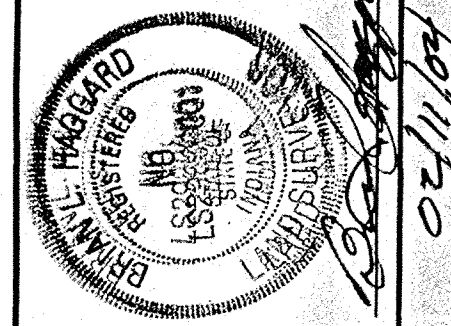


KEYMAP  
NO SCALE

- LEGEND**
- EXISTING**
- ===== STORM SEWER
  - S— SANITARY SEWER
  - W— WATER LINE
  - X-X- FENCE LINE
  - G— GAS LINE
  - OHE— OVERHEAD UTILITIES
  - MANHOLE
  - ⊕ STORM INLET
  - ⊕ FIRE HYDRANT
  - ⊕ WATER VALVE
  - ⊕ ELECTRIC TRANSFORMER
  - ⊕ CATV OR TELEPHONE PEDESTAL
- PROPOSED**
- ===== STORM SEWER
  - S— SANITARY SEWER
  - W— WATER LINE
  - SD— SUB-SURFACE DRAIN
  - SANITARY MH
  - STORM MH
  - ⊕ STORM INLET
  - ⊕ SANITARY STRUCTURE NO.
  - ⊕ STORM STRUCTURE NO.
  - BUILDING PAD
  - 29 LOT NUMBER
  - (872.5) FLOOD PROTECTION GRADE
  - 873.6 PAD ELEVATION
  - (NP) NO PAD
  - MFF MINIMUM FINISH FLOOR
  - (910.2) SUB-DRAIN INVERT



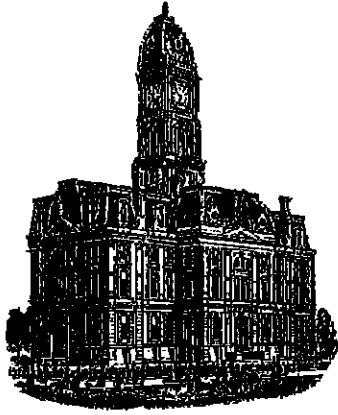
**SUB-SURFACE DRAIN PLAN**  
**WEXLEY CHASE**  
**HAMILTON COUNTY**  
**CARMEL, INDIANA**



**BANNING ENGINEERING**  
 698 TOWER ROAD, SUITE #100  
 PLAINFIELD, IN 46168  
 BUS. (317) 839-2581, FAX (317) 838-9171  
 E-MAIL [banning@banning-eng.com](mailto:banning@banning-eng.com)

Project No: 02129  
Sheet No:





*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:** 331

**Drain Length:** 8751

**Drain Name:** JW Brendle: Wexley Chase

**Change + / - :** 43

**Date:** 01-04-2017

**New Length:** 8794

**Verified By:** SLM

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#### **Notes & Sketch:**

The final report called out structure 127 to existing structure as 17 feet of 12" RCP. This should have been reported as 60' of 12" RCP.

**Suzanne L. Mills**  
**GIS Specialist**