



Drain: WIR FERTIG **Drain #:** 176
Improvement/Arm: GUILFORD PARK
Operator: J. LIVINGSTON **Date:** 12-15-03
Drain Classification: Urban/Rural **Year Installed:** 2001

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 _____

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

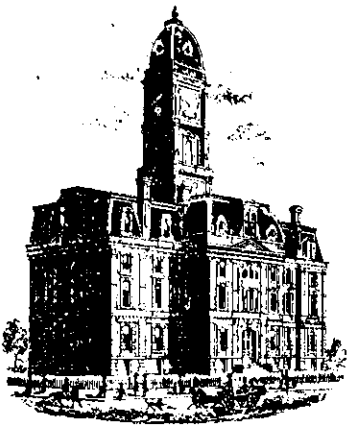
Drain-Improvement: Guilford Park Phase I: II

Drain Type:	Size:	Length Surveyors Report	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	1026	1178	+152		
RCP	15"	879	927	+48		
RCP	18"	1205	1206	+1		
RCP	21"	410	413	+3		
RCP	27"	248	248	∅		
SSD	6"	12,143	12,143	∅		
* HDPE	6"	2,668	∅	-2,668		

Sum: 18,579 16,115' -2464

Final Report: 16,115'

Comments:
* NOT installed per JLL HCSO Inspector.



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

July 16, 2001

Re: W. R. Fertig Drain, Guilford Park Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for Phase I and II of the Guilford Park Arm, W. R. Fertig Drain. I have reviewed the submittals and petition and have found each to be in proper form.

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

6"	HDPE SSD	2,668 ft	15"	RCP	879 ft	27"	RCP	248 ft
6"	Street SSD	12,143 ft	18"	RCP	1,205 ft			
12"	RCP	1,026 ft	21"	RCP	410 ft			

The total length of the drain will be 18,579 feet.

The section of drain between Str. 142 and the Wood Park Arm on the North side of 116th Street will be constructed by the City of Carmel as part of the 116th Street improvements.

The retention pond (lake) dry detention areas located in Blocks B, C, D, and E are to be considered part of the regulated drain. The mowing and lawn care of the dry detention areas will be the responsibility of the Homeowners Association.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those located in the blocks B and D and across lots 37 to 43 and to its outlet into the pond (Block E). 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 not be regulated are as follows: Between lots 7-8, 8-9, 10-11, 11-12, 13-14, 17-18, 18-90, 90-91, 91-92 92-93, 97-98, 98-99, 99-100, 100-101, 101-102, 102-103, 103-104. These subsurface drains will be the responsibility of the Homeowners Association or the Homeowner to maintain.

The street subsurface drains stop at the proposed 116th Street right of way on this project.

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 \$6.00 per lot, \$2.00 per acre for roadways, with a \$6.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$734.22.

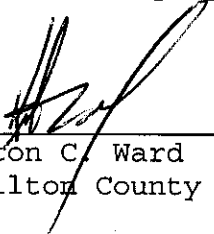
Parcels assessed for this drain may be assessed for the Carmel Creek Drain at sometime in the future.

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 Guilford Park as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for August 27, 2001.

KCW/llm



Kenton C. Ward
Hamilton County Surveyor

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

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

In the matter of Guilford Park Subdivision, Section 1 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 Guilford Park, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easement 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.

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 to the drainage system. The County Surveyor shall immediately install or repair the needed measure at Petitioner's cost as per IC 36-9-27-46.

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



Signed

CRAG H. LINNNER

Printed Name

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE

3/23/01

FILED
MAR 26 2001
OFFICE OF HAMILTON COUNTY SURVEYOR



**ROGER WARD
ENGINEERING
INCORPORATED**

6251 Winthrop Avenue, Suite 3 • Indianapolis, IN 46220 • 317-251-1738 • Fax: 251-1923

CIVIL ENGINEERS

SITE DESIGNERS

DEVELOPMENT CONSULTANTS

February 12, 2001

Mr. Steven T. Cash
Hamilton County Surveyor's Office
One Hamilton County Square, Suite 188
Noblesville, Indiana 46060-2230

Dear Mr. Cash:

Per your request, we are providing an engineer's construction cost estimate as follows:.

1. **Storm Sewers (Pipes) - \$80,000**
2. **Storm Sewers (Structures) - \$43,000**
3. **Storm Sewers (SSD) - \$98,000**
4. **Storm Sewers (Granular Backfill) - \$11,000**
5. **Monuments & Markers - \$8,000**
6. **Erosion Control - \$50,000**

Total cost is **\$290,000** for the items listed above. If you have any questions or are in need of any additional information, please give me a call. Thank you

Sincerely,
ROGER WARD ENGINEERING, INC.

Eric A. Gleissner
Associate

0105

FILED

FEB 15 2001

OFFICE OF HAMILTON COUNTY SURVEYOR



**SUBDIVISION IMPROVEMENTS
PERFORMANCE BOND**

BOND NO. 526079 S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, Dura Development Corporation, as Principal,
and Developers Surety and Indemnity Company, a corporation organized and doing
business and under and by virtue of the laws of the State of Iowa and duly
licensed to conduct surety business in the State of Indiana, as Surety,
are held and firmly bound unto Hamilton County Drainage Board, c/o Hamilton
County Surveyor's Office, One Hamilton County Square, Suite 188,
Noblesville, Indiana, 48080

as Obligee, in the sum of Two Hundred And Ninety Thousand -----
-----and00/100 (\$ 290,000.00----) Dollars,
for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors,
jointly and severally firmly by these presents.

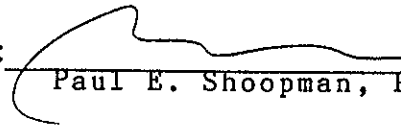
THE CONDITION OF THE OBLIGATION IS SUCH THAT:

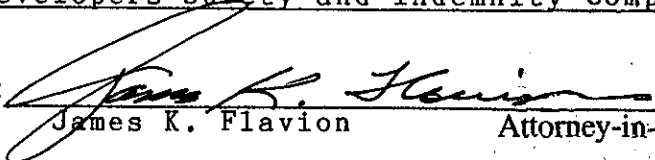
WHEREAS, the above named Principal, has agreed to construct in Guilford Park
Subdivision, in Carmel, Indiana the
following improvements: Storm sewers (pipes, structures, SSD, granular
Backfill), Monuments & Markers, Erosion Control

NOW, THEREFORE, the condition of this obligation is such, that if the above Principal shall well and
truly perform said agreement or agreements during the original term thereof or of any extension of said
term that may be granted by the Obligee with or without notice to the Surety, this obligation shall be void,
otherwise it shall remain in full force and effect.

IN WITNESS WHEREOF, the seal and signature of said Principal is hereto affixed and the corporate seal
and the name of the said Surety is hereto affixed and attested by its duly authorized Attorney-in-Fact, this
23rd day of March, 2001
YEAR

Dura Development Corporation
Principal

BY: 
Paul E. Shoopman, President
Developers Surety and Indemnity Company

BY: 
James K. Flavion Attorney-in-Fact

**POWER OF ATTORNEY FOR
DEVELOPERS SURETY AND INDEMNITY COMPANY
INDEMNITY COMPANY OF CALIFORNIA**

PO BOX 19725, IRVINE, CA 92623 • (949) 263-3300

KNOW ALL MEN BY THESE PRESENTS, that except as expressly limited, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, do each severally, but not jointly, hereby make, constitute and appoint:

*** James K. Flavion, James M. Griffith, jointly or severally ***

as the true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.


This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Board of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of November 1, 2000:

RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporation be, and that each of them hereby is, authorized to execute Powers of Attorney, qualifying the attorney(s) named in the Powers of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporation when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective Executive Vice President and attested by their respective Secretary this 8th day of November, 2000.

By: 
David H. Rhodes, Executive Vice President


By: 
Walter A. Crowell, Secretary



STATE OF CALIFORNIA)
)SS.
COUNTY OF ORANGE)

On November 8, 2000, before me, Diane J. Kawata, personally appeared David H. Rhodes and Walter A. Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

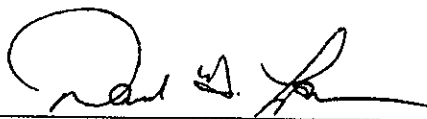
Signature 



CERTIFICATE

The undersigned, as Chief Operating Officer of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked, and furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney, are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, the 23rd day of March, 2001.

By: 
David G. Lane, Chief Operating Officer



January 12, 2004

Jerry L. Liston
Hamilton County Surveyor's Office
One Hamilton County Square
Suite 146
Noblesville, IN 46060

Re: Guilford Park – Bond Rider Reduction

Dear Jerry,

Please find enclosed the Rider form for the Guilford Park Community which reduces the performance bond from \$290,000 to \$8,000.

I apologize for taking so long to get this to you.

If you need anything else, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Craig H. Lintner".

Craig H. Lintner
Dura Builders, Inc.

FILED
JAN 17 2004
OFFICE OF HAMILTON COUNTY SURVEYOR

HCDB-2004-00004

RIDER



TO BE ATTACHED TO AND FORM PART OF

SUBDIVISION BOND - GENERAL FORM (Type of bond) NO. 526079S

IN FAVOR OF HAMILTON COUNTY C/O HAMILTON COUNTY SURVEYOR'S OFFICE (Obligee)

ON BEHALF OF DURA BUILDERS, INC. (Principal)

EFFECTIVE March 28, 2003 (Original Effective Date)

IT IS AGREED THAT, in consideration of the original premium charged for this bond, and any additional premium that may be properly chargeable as a result of this rider.

The Surety, BOND SAFEGUARD INSURANCE COMPANY, hereby gives its consent to;

- INCREASE BOND AMOUNT
- DECREASE BOND AMOUNT
- CHANGE PREMIUM AMOUNT
- CHANGE EFFECTIVE/EXPIRATION DATE
- CHANGE LICENSEE NAME
- CHANGE BOND TYPE
- CHANGE PRINCIPAL NAME
- CHANGE PRINCIPAL ADDRESS

(of) the attached bond FROM: BOND AMOUNT = \$290,000.00

TO: BOND AMOUNT = \$8,000.00

REASON: REDUCTION IN BOND AMOUNT REQUIRED BY

EFFECTIVE: April 3, 2003

PROVIDED, however that the attached bond shall be subject to and conditions except as herein expressly modified, and that the attached bond and under the attached bond as changed by this

*GUILFORD PARK
SEC. 2*

*1-26-04 REDUCED SURETY FROM
\$290,000 TO \$8,000.*

SIGNED, AND SEALED this 29TH day of December 2003

DURA BUILDERS, INC.

Principal

BOND SAFEGUARD II
Surety

Accepted by

Deborah M. Roth
Deborah M. Roth, Attorney-in-Fact, ATTORNEY-I

HCDB-2004-00004

JUN 0 1 2004

DEVELOPERS SURETY AND INDEMNITY COMPANY
17780 FITCH SUITE 200 IRVINE CA 92614 HAMILTON CO. HIGHWAY DEPT.

DATE OF NOTICE	BOND NUMBER	TYPE OF BOND	
05-28-2004	526079S	SUBDIVISION IMPROV	Lic: 0

Nothing herein contained shall be held to vary, waive, alter, or extend any of the terms, conditions, agreements, or warranties of the above mentioned bond, other than stated below.

OBLIGEE:

HAMILTON CO COMM
ONE HAMILTON SQUARE SUITE 188
NOBLESVILLE IN 48080

Gentlemen:

This Rider is to be attached to and form a part of the above captioned bond effective 05-28-2004
This rider is on behalf of **DURA DEVELOPMENT CORP**

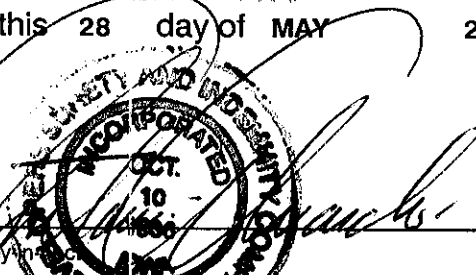
and in favor of the Obligee stated above.

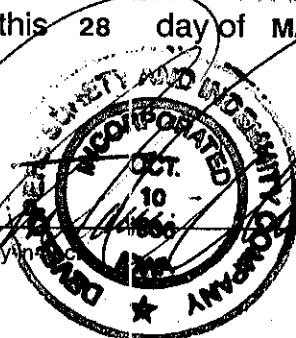
In consideration of the premium charged, it is understood and agreed, effective from above date, that:

EFFECTIVE 03/23/04 AMEND BOND AMOUNT TO READ:\$8,000.00

Provided, however, that the liability of the company under the attached bond as changed by this order shall not be cumulative.

Signed this 28 day of MAY 2004

By 
Attorney in Fact



PRODUCER:

AMERICAN CONTRACTING SVCS INC
5953 GLENWAY AVE
CINCINNATI OH 45238

**POWER OF ATTORNEY FOR
DEVELOPERS SURETY AND INDEMNITY COMPANY
INDEMNITY COMPANY OF CALIFORNIA**

PO BOX 19725, IRVINE, CA 92623 (949) 263-3300

KNOW ALL MEN BY THESE PRESENTS, that except as expressly limited, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, do each, hereby make, constitute and appoint:

*****Pauline McLean, Antonio Alvarado, Gina L Garner, Mary J. Thomas, jointly or severally*****


as their true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations, as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

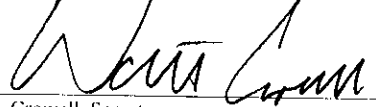
This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Board of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of November 1, 2000:

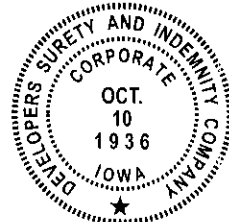
RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporation be, and that each of them hereby is, authorized to execute Powers of Attorney, qualifying the attorney(s) named in the Powers of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporation when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective Executive Vice President and attested by their respective Secretary this 1st day of October, 2003.

By: 
David H. Rhodes, Executive Vice-President


By: 
Walter A. Crowell, Secretary

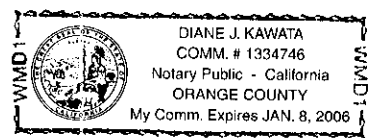


STATE OF CALIFORNIA)
)SS.
COUNTY OF ORANGE)

On October 1, 2003, before me, Diane J. Kawata, personally appeared David H. Rhodes and Walter A. Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

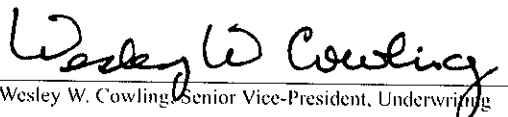
Signature 



CERTIFICATE

The undersigned, as Senior Vice-President, Underwriting of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked, and furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney, are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, the 28 day of May 2004.

By 
Wesley W. Cowling, Senior Vice-President, Underwriting

ID-1380 (Rev. 10/03)

Hamilton County Drainage Board
c/o County Surveyor's Office
One Hamilton County Square, Suite 188
Noblesville, IN 46060

Re: 9:05 A.M. Aug25 2003 Hearing

Thurs July 31, 2003

Dear Mr. Kent Ward,

Per our conversation, I would like to officially object to the changes proposed in the attached "Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the W.R. Fertig Drain, Guilford Park Swale".

My understanding is that this hearing could involve the granting of a drainage easement in the current "Non-Disturb" area of this neighborhood. I believe that this action is both unnecessary and adverse for the community. It is unnecessary because the developer has resolved the drainage issues without using this area for drainage, and it is adverse because it could lead to the destruction of a greenway boundary between the community and a public park.

I appreciate your support on this matter, and please let me know if I can provide any further information.

Thank you.


Paul Daniels

11414 Perkins Street
(17-12-01-00-01-094.000, Guilford Park Lot 94)
Carmel, IN 46032
317 514-8863
fiddlestick@sbcglobal.net



OFFICE OF

HAMILTON COUNTY DRAINAGE BOARD

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the
W.R. Fertig Drain, Guilford Park Swale.

Daniels, Paul W. & Laura
11414 Perkins St
Carmel, IN 46032

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as **W.R. Fertig Drain, Guilford Park Swale** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows:

Description of Land	Acres Benefited	Damages	Reconst. Assmt.	% of Total	Maint. Assmt.
17-13-01-00-01-094.000, Guilford Park Lot 94	One Lot	Zero	*	*	**

* Reconstruction to be paid by developer.

** No change in current maintenance assessment rate.

The maintenance assessment is the amount shown for annual assessment for periodically maintaining the drain.

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:05 A.M. on August 25, 2003**, in the Commissioner's Court. The law provides the objects must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD
One Hamilton County Square, Ste. 188
Noblesville, IN 46060-2230

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
W. R. Fertig Drain

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the W. R. Fertig Drain, Guilford Park Arm on August 27, at 9:30 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

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: GUILFORD PARK PHASE 2

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:  Date: 3-13-03

Type or Print Name: ROGER C. WARD, JR.

Business Address: ROGER WARD ENGINEERING, INC.

6285 N. COLLEGE AVE, S-2, INDIANAPOLIS, IN 46220

Telephone Number: (317) 251-1738

SEAL

INDIANA REGISTRATION NUMBER

19800489





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

September 2, 2004

Re: WR Fertig Drain: Guilford Park Phase I & II

Attached are as-builts, certificate of completion & compliance, and other information for Guilford Park Phase I & Phase II. 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 July 16, 2001. The report was approved by the Board at the hearing held August 27, 2001. (See Drainage Board Minutes Book 6, Pages 124-125)

The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
104		832.41					
103	839.65	832.2	15	142	0.15	144	-2
103	839.65	832.2					
102	839.66	831.76	18	24	1.12		
102	839.66	831.76					
101		830.97	18	45	1.34	51	-6
143		830.96					
142	832.71	829.6	12	111	1.21	107	4
116		836.52					
115	842.12	836.52	12	110	0.33	114	-4
115	842.12	835.97					
114	842.1	835.55	18	24	1.75		
114	842.1	835.6					
109	838.9	834.9	18	95	0.63	98	-3
118	842.44	838.6					
117	842.43	838.21	12	28	1.39	24	4
117	842.43	837.79					
109		834.9	12	254	1.14		
141	841.45	838.92					
131	842.06	838.12	12	182	0.44	185	-3
131	842.6	838.12					
130	841.74	838.04	12	28	1.25	24	4
130	841.74	837.46					

129		837	15	185	0.25	124	61
140	844.1	840.15					
138	843.77	839.87	12	46	0.33	42	4
112	842.36	838.56					
111A	842.15	838.32	12	56	0.43	51	5
111A	842.15	837.85					
111B	843.01	837.65	15	12	1.67	15	-3
111B	843.01	837.65					
110	843.88	835.9	15	239	0.73	241	-2
110	843.88	835.7					
109	838.9	835.21	18	282	0.18		
109	838.9	834.9					
108	842.35	834.15	18	287	0.26		
108	842.35	833.8					
107	842.39	833.64	27	24	0.67		
107	842.39	833.49					
106	838.98	892.33	27	122	0.95	124	-2
106	838.98	892.33					
105		832.88	27	102	0.54	100	2
113	841.97	838.67					
111A	842.15	837.97	12	29	2.41	24	5
134	843.49	839.84					
133	843.36	839.61	12	28	0.82	24	4
133	843.36	839.36					
132		838.76	15	126	0.48	128	-2
112B	842.13	839.58					
112		838.75	12	94	0.88		
122	837.2	832.92					
121	837.08	832.08	12	36			
121	837.08	831.88					
120	834.94	831.03	21	345			
120	834.94	831.09					
119		830.93	21	68			
128	839.19	834.94					
127	839.2	834.1	12	24			
127	839.2	833.2					
126	839.04	831.34	18	407			
126	839.04	831.24					
125		830.86	18	42			
139	844	840					
138	843.77	839.87	12	34			
138	843.77	839.72					
137	842.57	839.29	15	103			
137	842.57	839.29					
136	842.78	838.78	15	90			
136	842.78	838.78					
135		838.67	15	30			
124	837.62	834.5					

123	837.67	834.07	12	46		
123	837.67	834.07				
121	837.08	832.23	12	72		

6" SSD Streets:

Senie Ln	1126.5
Scheel Ln	807
Perkins St	1019
Stansfield Dr	792
Mckenzie Pky	1032
Woodview N Dr	1295

Totalx2: 12143

RCP Pipe Totals:

12	1178
15	927
18	1206
21	413
27	248

Total: 3972

*Note the 6" HDPE was not installed per Hamilton County Surveyor's Office Inspector Jerry Liston. The length of the drain due to the changes described above is now **16,115 feet**.

The non-enforcement was approved by the Board at its meeting on August 27, 2001 and recorded under instrument #2001000069286.

The following surety was guaranteed by Developers Surety and Indemnity Company and reduced by the Board on its January 26, 2004 meeting. The residual amount is for \$8,000 and is for monumentation. This was done under Bond Rider 526079S. The original bond is as follows:

Bond-LC No: 526079S

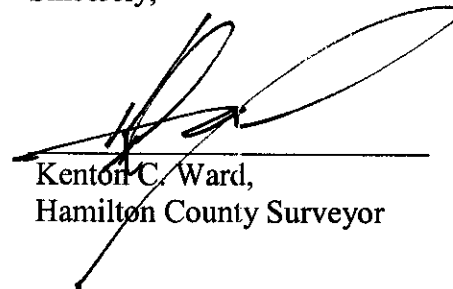
Insured For: Storm Sewers Erosion Control, Monumentation

Amount: \$290,000.00

Issue Date: March 28, 2001

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

Sincerely,



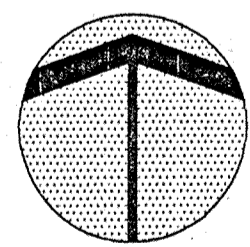
Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

GUILFORD PARK SUBDIVISION "RECORD DRAWINGS" STORM WATER DRAINAGE FACILITIES

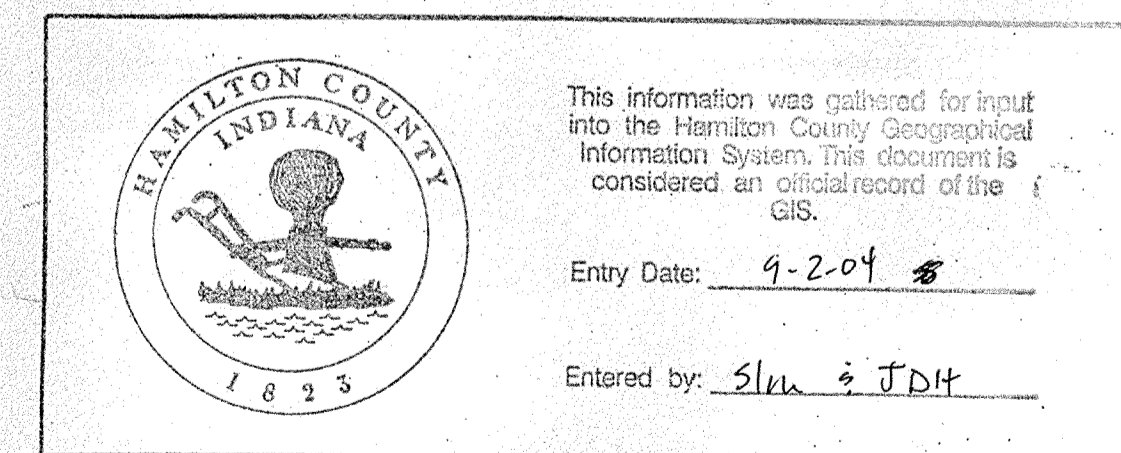
Part of NW 1/4
S 1 - T 17 N - R 3 E
Carmel Clay
Hamilton County , IN.

PHASE II $\dot{=}$ PHASE I



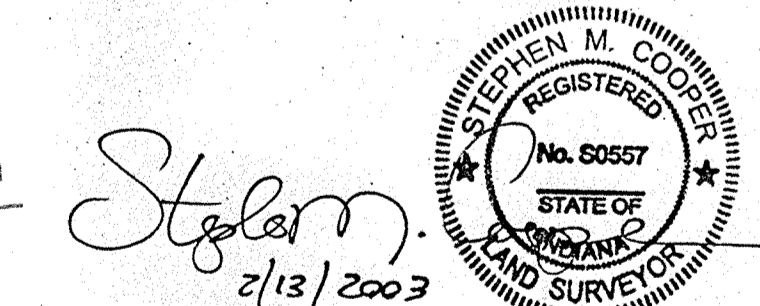
Assumed North

This drawing along with the concepts, ideas, and designs are the exclusive intellectual property of COOR Consulting & Land Services, Corporation ©. Any use and/or reproduction, in whole or in part, shall not be achieved or performed without the expressed consent of COOR Consulting & Land Services, Corporation ©.

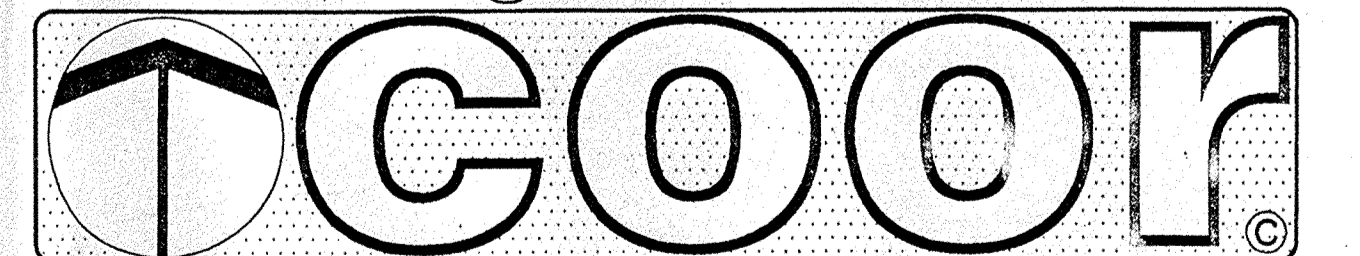


FILED
MAR 13 2003

OFFICE OF HAMILTON COUNTY SURVEYOR



consulting & land services

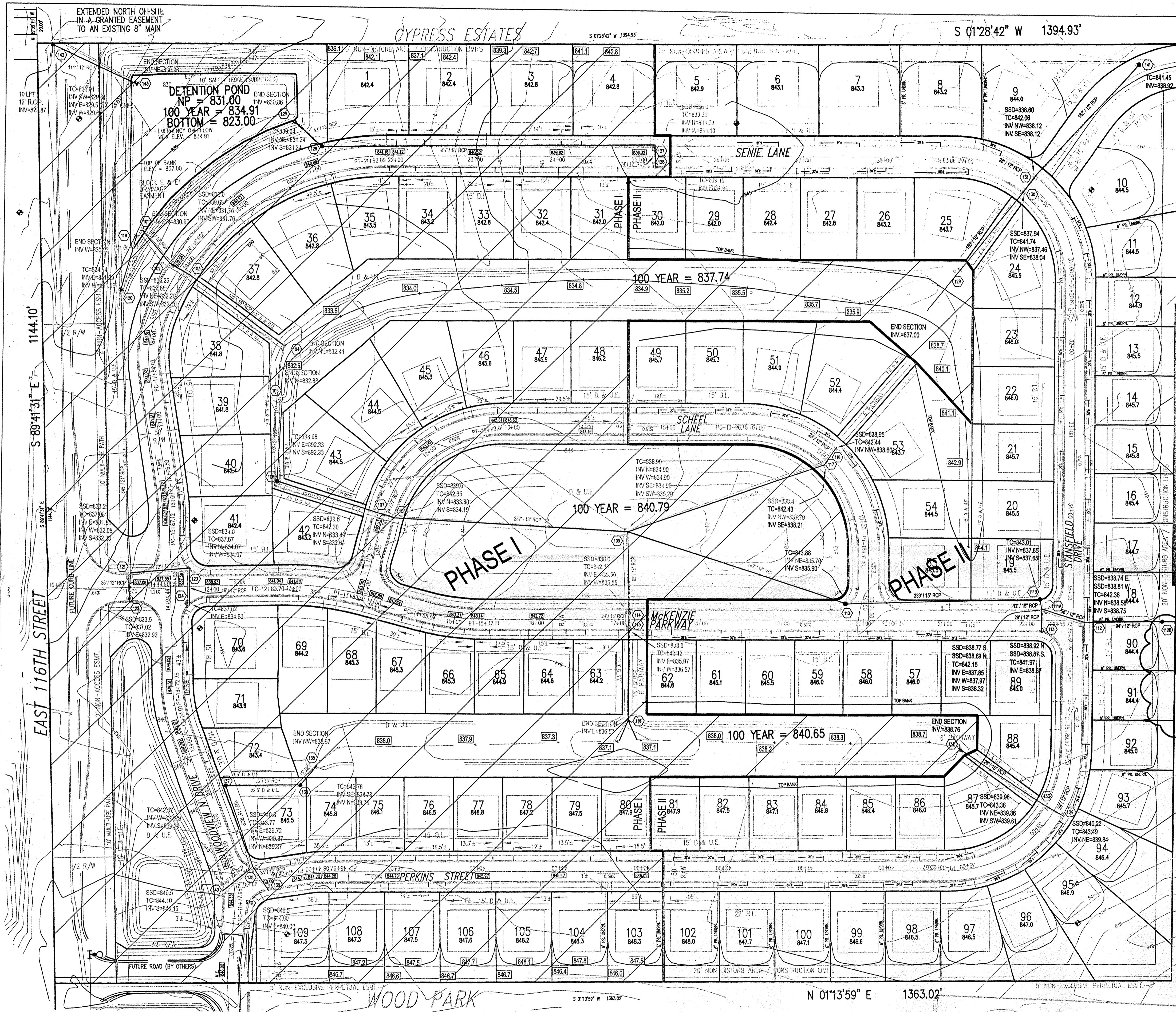


corporation

303 W. Main Street, Knightstown, In. 46148-0012

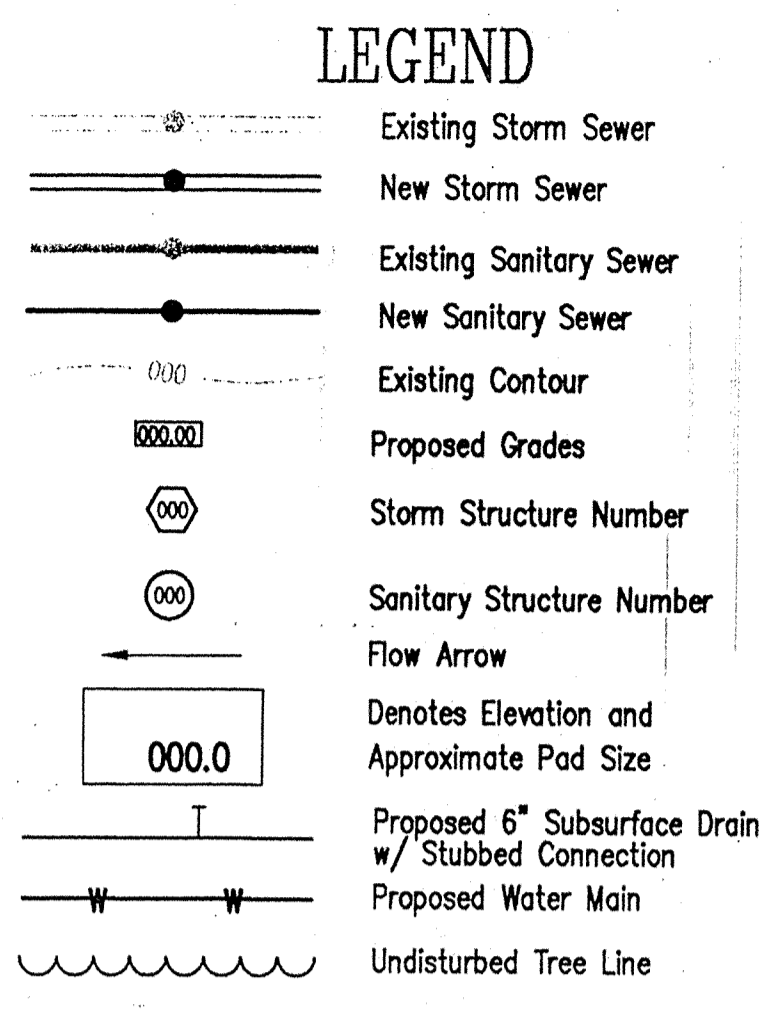
Phone#: (765) 345-5943 Fax#: (765) 345-5692

www.coorconsulting.com



HOLEY MOLEY SAYS
"DON'T DIG BLIND"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW IS-69-1991,
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.



"RECORD DRAWING CERTIFICATION"

I certify that the "Record Drawing" information presented hereon, to the best of my knowledge and belief, represents the constructed horizontal locations, elevations, pipe sizes, and pipe types. I further certify that the data and information obtained and represented hereon, was collected on August 8, 2001, April 11, 2002, and September 9, 2002 and performed under my direct supervision.

Stephen M. Cooper
 Stephen M. Cooper
 Indiana Registered Land Surveyor #50557
 Date: 2/13/2003

Notes:
 The pipe size and type information has been provided by the contractor and is not included as a part of the within certification. The pipe slope percentage depicted hereon is calculated from "manhole to manhole" and may not be representative of the entire pipe route. The calculated figure is for general information only. Pad elevations and contours shown hereon are per the original construction plans.

ASSUMED NORTH SCALE: 1" = 60'

UTILITIES

GAS
 Indiana Gas Company
 P.O. Box 1139
 Indianapolis, IN 46207
 (800) 777-2066

TELEPHONE
 Ameritech
 5858 North College Avenue
 Indianapolis, IN 46220
 (317) 252-4275

STORM SEWER
 Hamilton County Surveyor
 Hamilton Square, Suite 146
 Noblesville, IN 46060
 (317) 776-9926

WATER
 Indianapolis Water Company
 1220 Waterway Boulevard
 Indianapolis, IN 46202
 (317) 263-6347

ELECTRIC
 PSI Energy
 1441 South Guilford
 P.O. Box 878
 Carmel, IN 46032
 (800) 521-2232

CABLE TV
 Comcast
 5330 East 65th Street
 Indianapolis, IN 46220
 (317) 570-1733

SANITARY SEWER
 Clay Township Regional Waste District
 10755 North College Avenue
 Indianapolis, IN 46280
 (317) 844-9200

STREETS
 Hamilton County Highway Department
 1717 Pleasant Street
 Noblesville, IN 46060
 (317) 773-7770

NOTE
 The size and location of utilities are per plans and locations provided by the respective utility companies. All utility companies shall be notified prior to any excavation for field location of services.

RECORD DRAWING

STORM SEWER TABLE

TR #	PIPE	CASTING	TC	INVERTS
124	107' OF 12" RCP @ 0.21%	R-3501-R	N/A	NE = 831.00
142	62' OF 15" CORR. REPLACED W/15" RCP	R-1772-A	832.71	SW = 829.71, E = 829.46 (EXISTING 15" CORR)
140	42' OF 12" RCP @ 0.33%	R-4215-A	841.50	NW = 838.50
139	42' OF 12" RCP @ 0.33%	R-3501-R	844.04	S = 840.46
138	102' OF 15" RCP @ 0.47%	R-3501-R	843.85	E = 840.27
137	80' OF 15" RCP @ 0.46%	R-1772-A	842.50	W = 839.29, S = 839.29
136	32' OF 15" RCP @ 0.5%	R-1772-A	842.80	SE = 838.88, N = 838.88
135	N/A	END SECTION	N/A	NW = 838.73
134	24' OF 12" RCP @ 0.31%	R-3501-R	843.47	NE = 839.89
133	128' OF 15" RCP @ 0.21%	R-3501-R	843.47	NE = 839.37, SW = 839.62
132	N/A	END SECTION	N/A	SW = 838.69
131	24' OF 12" RCP @ 0.49%	R-3501-R	842.11	NW = 837.97, SE = 837.89
130	124' OF 15" RCP @ 0.29%	R-3501-R	842.11	NW = 837.52, SE = 837.77
129	N/A	END SECTION	N/A	SE = 837.17
128	24' OF 12" RCP @ 0.21%	R-3501-R	839.60	E = 834.77
127	60' OF 15" RCP @ 0.34%	R-3501-R	839.60	N = 833.39, W = 834.48
126	32' OF 15" RCP @ 0.4%	N/A	840.00	NE = 831.20, S = 831.20
125	N/A	END SECTION	N/A	SE = 834.60
124	43' OF 12" RCP @ 0.71%	R-3501-R	837.00	E = 834.60
123	72' OF 12" RCP @ 0.95%	R-3501-R	837.70	N = 834.31, W = 834.31
122	32' OF 12" RCP @ 0.95%	R-3501-R	837.07	E = 833.25
121	345' OF 21" RCP @ 0.31%	R-3501-R	832.07	E = 832.19, W = 832.94, S = 832.91
120	65' OF 21" RCP @ 0.22%	R-1772-A	833.30	E = 831.14, W = 831.14
119	N/A	END SECTION	N/A	W = 831.00
118	24' OF 12" RCP @ 0.36%	R-3501-R	842.42	NW = 838.59
117	254' OF 12" RCP @ 0.06%	R-3501-R	842.42	NE = 838.50, SE = 838.50
116	114' OF 12" RCP @ 0.33%	END SECTION	N/A	E = 836.52
115	24' OF 15" RCP @ 0.33%	R-3501-R	842.18	E = 836.74, W = 836.14
114	58' OF 15" RCP @ 0.46%	R-3501-R	842.18	E = 836.74, W = 836.66
113	24' OF 15" RCP @ 0.46%	R-3501-R	842.14	E = 836.56, W = 836.66
112	51' OF 12" RCP @ 0.9%	R-3501-R	842.32	N = 838.55
111A	15' OF 15" RCP @ 0.5%	R-3501-R	842.32	N = 838.55
111B	241' OF 15" RCP @ 0.5%	R-1772-A	842.44	N = 837.89, S = 838.14, W = 838.46
110	282' OF 15" RCP @ 0.29%	R-1772-A	842.44	NE = 835.91, S = 836.19
109	287' OF 15" RCP @ 0.33%	R-4215-A	839.00	N = 835.20, W = 835.20, SE = 835.81, SW = 835.20
108	24' OF 12" RCP @ 0.33%	R-3501-R	842.54	N = 833.65, S = 834.25
107	104' OF 27" RCP @ 0.35%	R-3501-R	842.54	N = 833.57, S = 833.57
106	10' OF 27" RCP @ 0.35%	R-1772-A	838.40	E = 833.13, S = 833.13
105	N/A	END SECTION	N/A	W = 832.78
104	144' OF 15" RCP @ 0.21%	END SECTION	N/A	NE = 832.47
103	24' OF 15" RCP @ 0.12%	R-3501-R	839.60	NE = 831.92, SW = 832.17
102	51' OF 15" RCP @ 0.34%	R-3501-R	839.60	NE = 831.65, SW = 831.65
101	N/A	END SECTION	N/A	SW = 830.97

BENCHMARK
 HM28 Copperhead in steel box casting at the intersection of 116th Street and Rangeline Road
 Elevation = 819.78

GRADING NOTE
 GRADING CONTRACTOR TO PRESERVE EXISTING TREES IN REAR YARDS EXCEPT WHERE SIGNALES ARE NEEDED TO PROVIDE POSITIVE DRAINAGE. MINIMUM FINISHED FLOOR ELEVATION SHOWN ON PLANS IS 841.80 FEET.

LAKE LINER NOTE
 DETENTION POND TO BE LINED AND TESTED IN ACCORDANCE WITH SPECIFICATIONS ON SHEET C001. EXTENSIVE LINER MATERIAL ONTO POND SIDE SLOPES ABOVE NORMAL POOL ELEVATION.

RIGHT-OF-WAY NOTE
 DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED WITHIN THE RIGHT-OF-WAY.

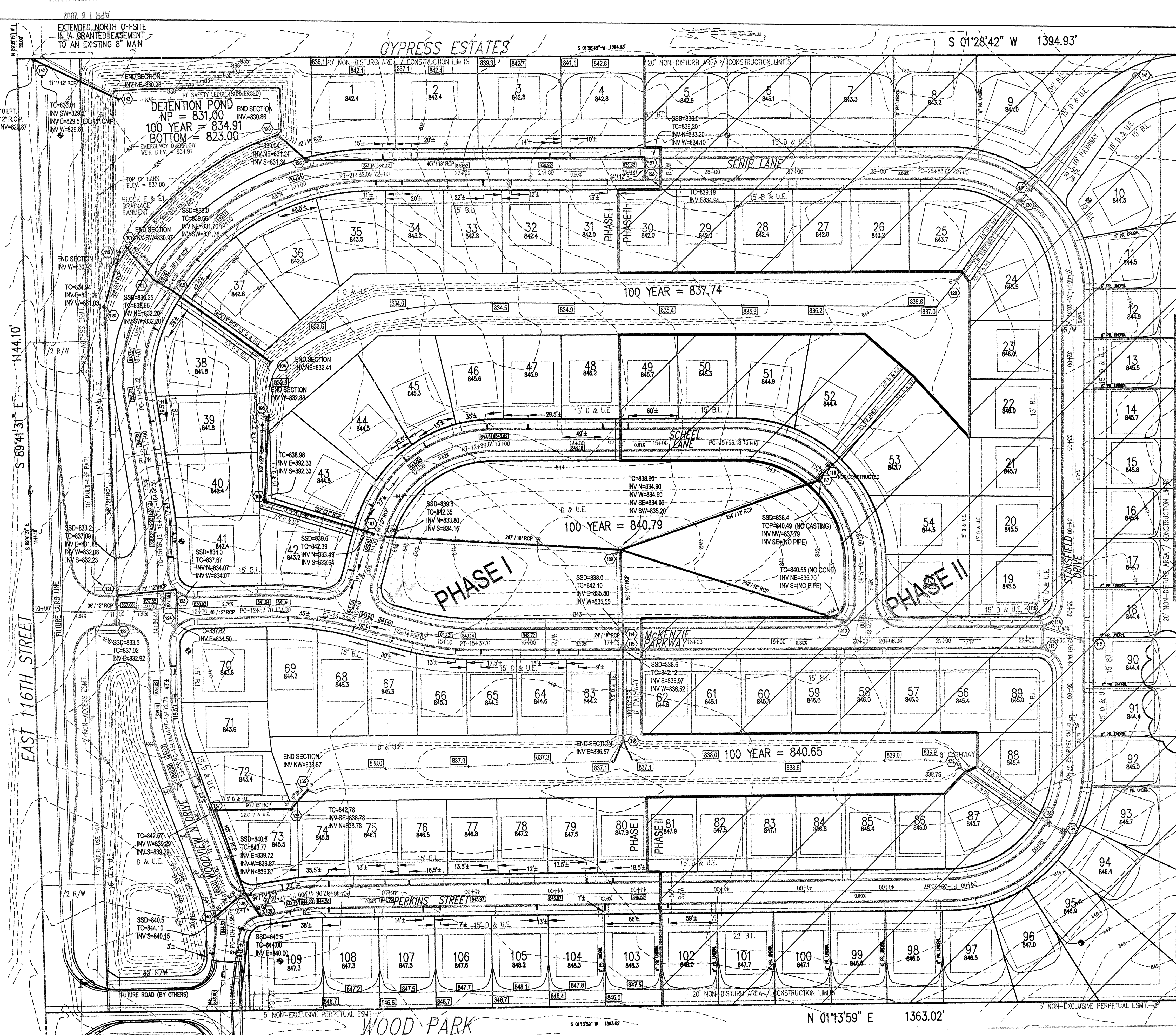
ROGER WARD ENGINEERING INCORPORATED
 CIVIL ENGINEERS - SITE DESIGNERS - DEVELOPMENT CONSULTANTS
 1000 W. WASHINGTON AVENUE, SUITE 3
 INDIANAPOLIS, INDIANA 46202
 (317) 261-1788 (FAX) 261-1683
 WWW.RWE-ENGINEERING.COM

DEVELOPMENT PLAN

DRAWN BY: EAG
 FILE NAME: 03/03/03/0003/C010
 SHEET NUMBER: 26

KOSENE & KOSENE
GUILFORD PARK
EAST 116th STREET
CARMEL, INDIANA

BY: _____
 DATE: _____
 SHEET **C101** OF 26
 JOB#: KAK.003



HOLEY MOLEY SAYS "DON'T DIG BLIND"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

- LEGEND**
- Existing Storm Sewer
 - New Storm Sewer
 - Existing Sanitary Sewer
 - New Sanitary Sewer
 - Existing Contour
 - Proposed Grades
 - Storm Structure Number
 - Sanitary Structure Number
 - Flow Arrow
 - Denotes Elevation and Approximate Pad Size
 - Proposed 6" Subsurface Drain w/ Stubbed Connection
 - Proposed Water Main
 - Undisturbed Tree Line

"RECORD DRAWING CERTIFICATION"

I certify that the "Record Drawing" information presented hereon, to the best of my knowledge and belief, represents the constructed horizontal locations, elevations, pipe sizes, and pipe types. I further certify that the data and information obtained and represented hereon, was collected on August 8, 2001, and on April 11, 2002, and performed under my direct supervision.

Stephen M. Cooper

Stephen M. Cooper
 Indiana Registered Land Surveyor #S0557
 Date: 4/11/2002

Notes:
 The pipe size and type information has been provided by the contractor and is not included as a part of the within certification. The pipe slope percentage depicted hereon is calculated from "manhole to manhole" and may not be representative of the entire pipe route. The calculated figure is for general information only. Pad elevations and contours shown hereon are per the original construction plans.

ASSUMED NORTH SCALE: 1" = 60'

UTILITIES

GAS
 Indiana Gas Company
 P.O. Box 7136
 Indianapolis, IN 46207
 (800) 777-2996

ELECTRIC
 PS Energy
 1441 South Guilford
 Indianapolis, IN 46220
 (317) 252-4275

TELEPHONE
 Ameritech
 5638 North College Avenue
 Indianapolis, IN 46220
 (317) 252-4275

STORM SEWER
 Hamilton County Surveyor
 Hamilton Square, Suite 146
 Noblesville, IN 46060
 (317) 776-9628

WATER
 Indianapolis Water Company
 1220 Waterway Boulevard
 Indianapolis, IN 46202
 (317) 253-6347

CABLE TV
 Comcast
 5330 East 85th Street
 Indianapolis, IN 46220
 (317) 570-1733

SANITARY SEWER
 Clay Township Regional Waste District
 10755 North College Avenue
 Indianapolis, IN 46060
 (317) 844-9200

STREETS
 Hamilton County Highway Department
 1717 Pleasant Street
 Noblesville, IN 46060
 (317) 773-7770

MC3
 7000 Western Drive
 Cory, NC 27513
 (800) 624-9675

Utility Hotline: within Indiana 1-800-382-5544
 outside Indiana 1-800-428-5200

NOTE:
 The size and location of utilities are per plans and locations provided by the respective utility companies. All utility companies shall be notified prior to any excavation for field location of services.

RECORD DRAWING

STORM SEWER TABLE

INVERT #	PIPE	CASTING	TC	INVERTS
142	107' OF 12" RCP @ 0.21%	END SECTION	N/A	NE = 831.00
143	EX 15" CMP REPLACED W/15" RCP	R-1772-A	832.71	SW = 829.71, E = 829.46 (EXISTING 15" CMP)
144	300' OF 12" RCP @ 0.21%	R-4215-A	841.50	NW = 838.50
140	42' OF 12" RCP @ 0.33%	R-3501-R	844.04	S = 840.46
139	30' OF 12" RCP @ 0.77%	R-3501-R	844.18	E = 840.27
138	105' OF 15" RCP @ 0.47%	R-3501-R	843.85	E = 839.79, W = 840.04, N = 840.32
137	90' OF 12" RCP @ 0.46%	R-1772-A	842.50	W = 839.29, S = 839.29
136	32' OF 12" RCP @ 0.46%	R-1772-A	842.80	SE = 838.88, N = 838.88
135	N/A	END SECTION	N/A	NW = 838.73
134	24' OF 12" RCP @ 0.11%	R-3501-R	843.47	NE = 839.89
133	128' OF 15" RCP @ 0.24%	R-3501-R	843.47	NE = 838.37, SW = 839.62
132	N/A	END SECTION	N/A	SW = 838.69, SE = 837.77
131	24' OF 12" RCP @ 0.49%	R-3501-R	842.11	NW = 837.99, SE = 837.89
130	124' OF 15" RCP @ 0.23%	R-3501-R	842.11	NW = 837.52, SE = 837.77
129	N/A	END SECTION	N/A	SE = 837.17
128	24' OF 12" RCP @ 0.11%	R-3501-R	839.69	E = 834.77
127	407' OF 18" RCP @ 0.54%	R-3501-R	839.69	N = 833.39, W = 834.48
126	32' OF 18" RCP @ 0.4%	R-1772-A	841.00	NE = 831.20, S = 831.20
125	N/A	END SECTION	N/A	SW = 831.00
124	43' OF 12" RCP @ 0.71%	R-3501-R	837.90	E = 834.92
123	72' OF 12" RCP @ 0.55%	R-3501-R	837.70	N = 834.91, W = 834.31
122	32' OF 12" RCP @ 0.96%	R-3501-R	837.07	E = 833.25
121	345' OF 21" RCP @ 0.31%	R-3501-R	837.07	E = 832.19, W = 832.94, S = 832.91
120	65' OF 21" RCP @ 0.22%	R-1772-A	835.00	E = 831.14, W = 831.14
119	N/A	END SECTION	N/A	W = 831.00
118	24' OF 12" RCP @ 0.36%	R-3501-R	842.42	NW = 838.59
117	254' OF 12" RCP @ 0.06%	R-3501-R	842.42	NW = 838.50, SE = 838.50
116	114' OF 12" RCP @ 0.33%	R-3501-R	N/A	E = 838.52
115	24' OF 18" RCP @ 0.40%	R-3501-R	842.18	E = 836.74, W = 836.14
114	98' OF 18" RCP @ 0.40%	R-3501-R	842.18	E = 836.66, W = 836.66
113	24' OF 12" RCP @ 0.40%	R-3501-R	842.14	E = 838.56
112	51' OF 12" RCP @ 0.80%	R-3501-R	842.32	N = 838.55
111a	15' OF 15" RCP @ 0.69%	R-3501-R	842.14	N = 837.89, S = 846.14, W = 838.46
111b	241' OF 15" RCP @ 0.69%	R-1772-A	842.44	N = 837.79, S = 837.79
110	282' OF 18" RCP @ 0.25%	R-1772-A	844.50	NE = 835.91, S = 836.18
109	287' OF 12" RCP @ 0.33%	R-4215-A	836.00	N = 835.20, W = 835.20, SE = 835.81, SW = 835.20
108	24' OF 12" RCP @ 0.33%	R-3501-R	842.54	N = 833.65, S = 834.25
107	15' OF 27" RCP @ 0.35%	R-3501-R	842.54	N = 833.57, S = 833.57
106	50' OF 27" RCP @ 0.35%	R-1772-A	839.40	E = 833.13, S = 833.13
105	N/A	END SECTION	N/A	W = 832.78
104	144' OF 15" RCP @ 0.21%	R-3501-R	N/A	NE = 832.47
103	24' OF 18" RCP @ 0.12%	R-3501-R	839.60	NE = 831.92, SW = 832.17
102	51' OF 18" RCP @ 0.134%	R-3501-R	839.60	NE = 831.65, SW = 831.65
101	N/A	END SECTION	N/A	SW = 830.97

BENCHMARK
 HM28 Copperhead in steel box casting at the intersection of 116th Street and Rangeline Road
 Elevation = 819.78

GRADING NOTE
 GRADING CONTRACTOR TO PRESERVE EXISTING TREES IN REAR YARDS EXCEPT WHERE SWALES ARE EXISTING TO PROVIDE POSITIVE DRAINAGE. MINIMUM FINISHED FLOOR ELEVATION SHOWN ON PLANS IS 841.80 FEET.

LAKE LINER NOTE
 DETENTION POND TO BE LINED AND TESTED IN ACCORDANCE WITH SPECIFICATIONS ON SHEET C001. EXTEND LINER MATERIAL ONTO POND SIDE SLOPES ABOVE NORMAL POOL ELEVATION.

RIGHT-OF-WAY NOTE
 DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED WITHIN THE RIGHT-OF-WAY.



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: 8-19-04
 Entered by: J011

ROGER WARD ENGINEERING INCORPORATED
 CIVIL ENGINEERS - SITE DESIGNERS - DEVELOPMENT CONSULTANTS
 6504 HATHORP AVENUE, SUITE 3
 INDIANAPOLIS, INDIANA 46220
 (317) 261-1798 (FAX) 261-1828
 www.rwe-engineering.com

DEVELOPMENT PLAN

DRAWN BY: EAG
 CHECKED BY: JAC
 FILE NAME: 11001001.dwg
 XREF: KAK008

REVISIONS:
 1 - 09/04/01 - ENG. SEVERAL PLO ELEVATIONS ADDED
 2 - 04/11/02 - JAC

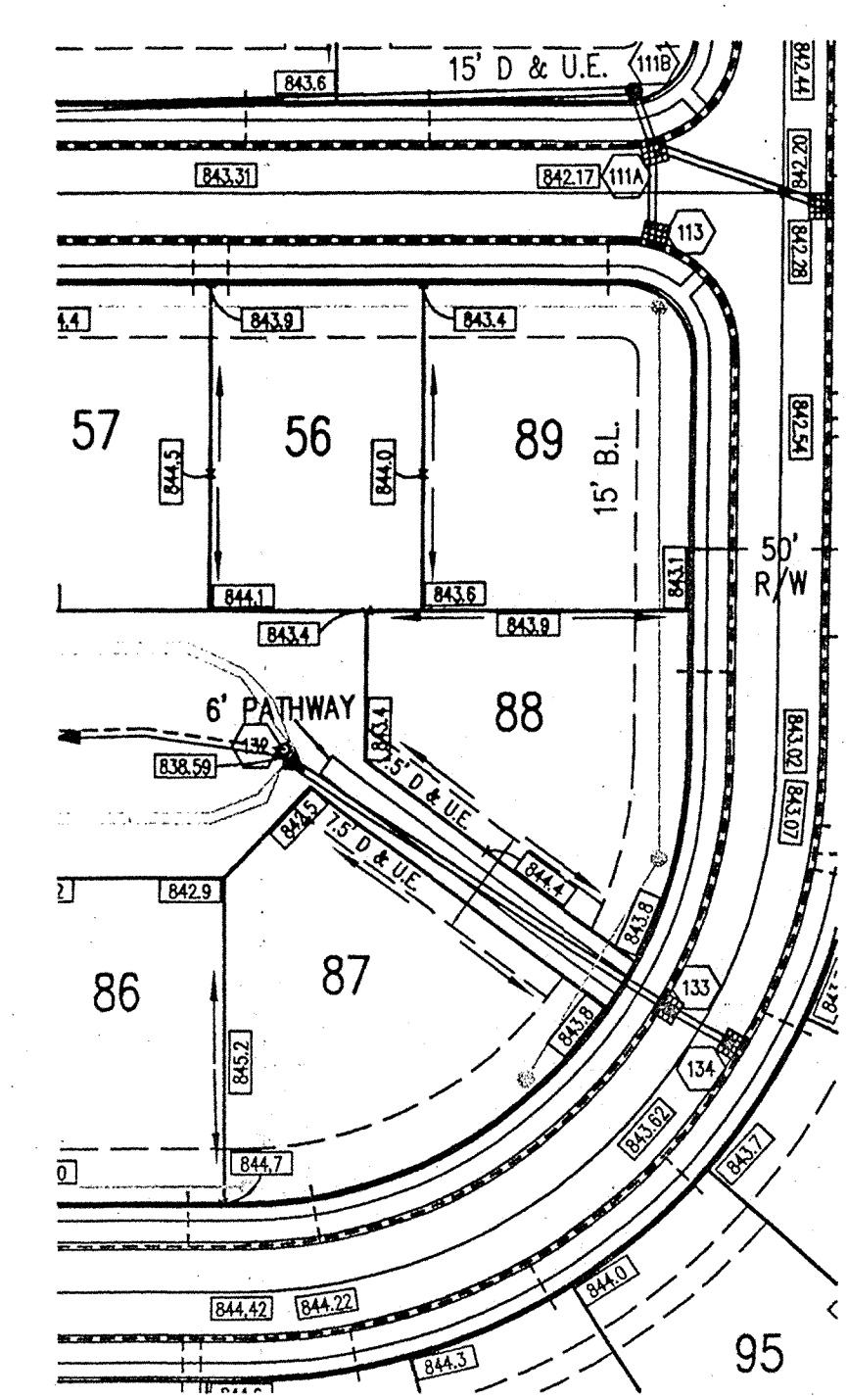
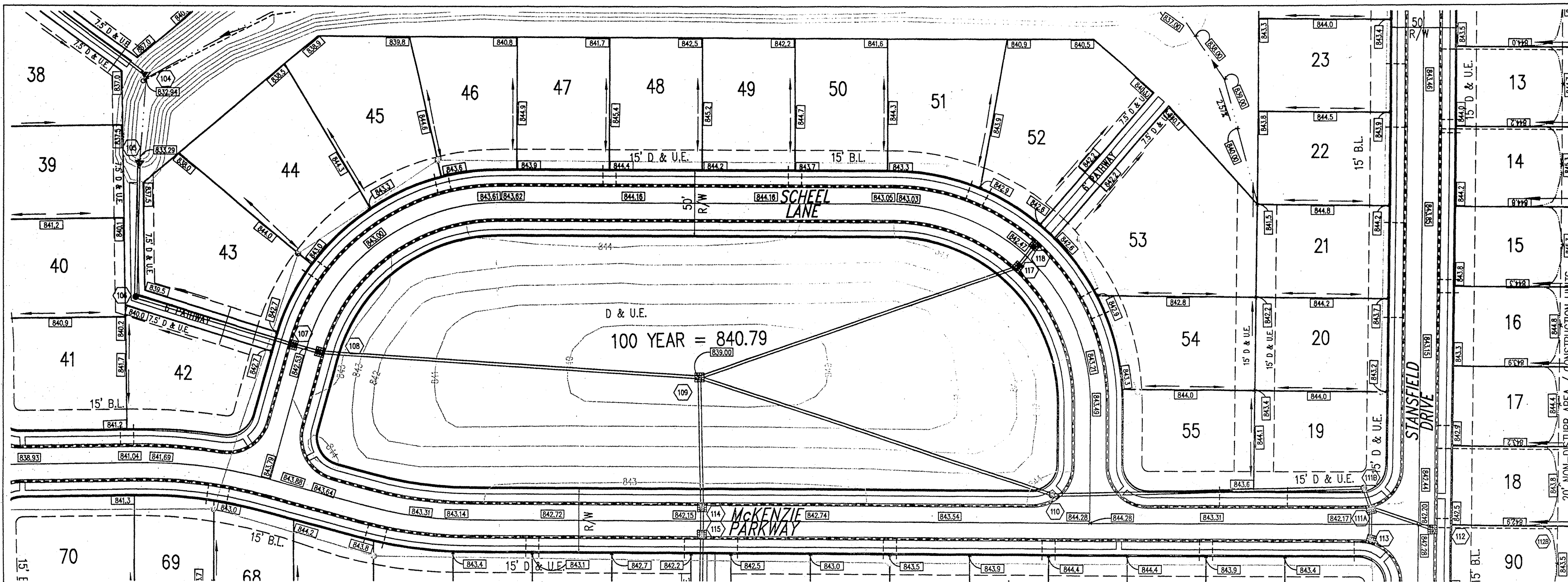
KOSENE & KOSENE
GUILFORD PARK
EAST 116th STREET
CARMEL, INDIANA

BY: _____

DATE: _____

SHEET **C101** OF 26

JOB#: KAK.003



HOLEY MOLEY SAYS
"DON'T DIG BLIND"
"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW 15-69-1991,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

**ROGER WARD
ENGINEERING
INCORPORATED**
CONSULTANTS
CITY ENGINEERS - STATE LICENSED PROFESSIONAL ENGINEERS
INDIANAPOLIS, INDIANA 46201
(317) 261-1708 FAX (317) 261-1483
www.rw-engineering.com

BENCHMARK
HM28 Copperhead in steel box casting at the
intersection of 116th Street and Rangeline Road
Elevation = 819.78 (NGVD 1929)

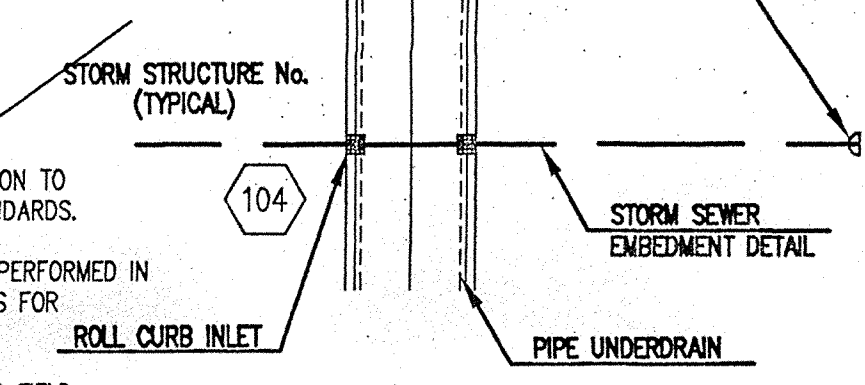
"RECORD DRAWING CERTIFICATION"
I certify that the "Record Drawing" information presented hereon, to the best of my knowledge and belief, represents the constructed horizontal locations, elevations, pipe sizes, and pipe types. I further certify that the data and information obtained and represented hereon, was collected on August 8, 2001, April 11, 2002, and September 9, 2002, and performed under my direct supervision.
Stephen M. Cooper
Stephen M. Cooper
Indiana Registered Land Surveyor #58557
Date: 2/13/2003
Notes:
The pipe size and type information has been provided by the contractor and is not included as a part of the within certification. The pipe slope percentage depicted hereon is calculated from "manhole to manhole" and may not be representative of the entire pipe route. The calculated figure is for general information only.

ASSUMED NORTH
SCALE: 1" = 50'

NOTE: Top of curb elevation at curb inlets
0.33' higher than gutter elevation.

GENERAL NOTES:

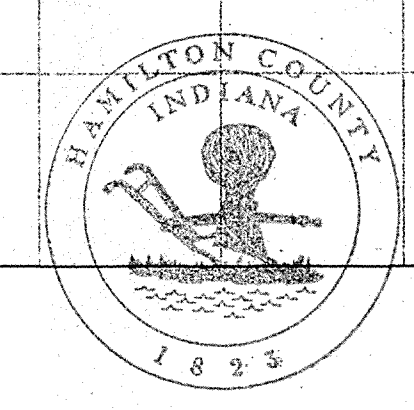
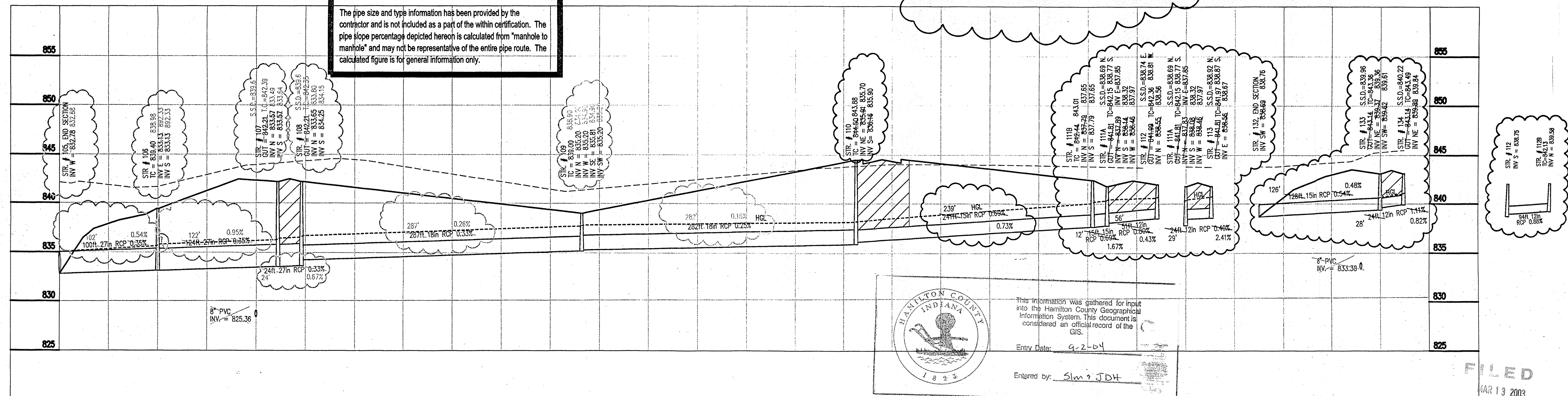
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.



STORM SEWER LEGEND

~~STORM PLAN~~ RECORD DRAWING

SCALE: 1" = 50'



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: 9-2-04
Entered by: Slm, JDH

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

**STORM SEWER
PLAN & PROFILE**

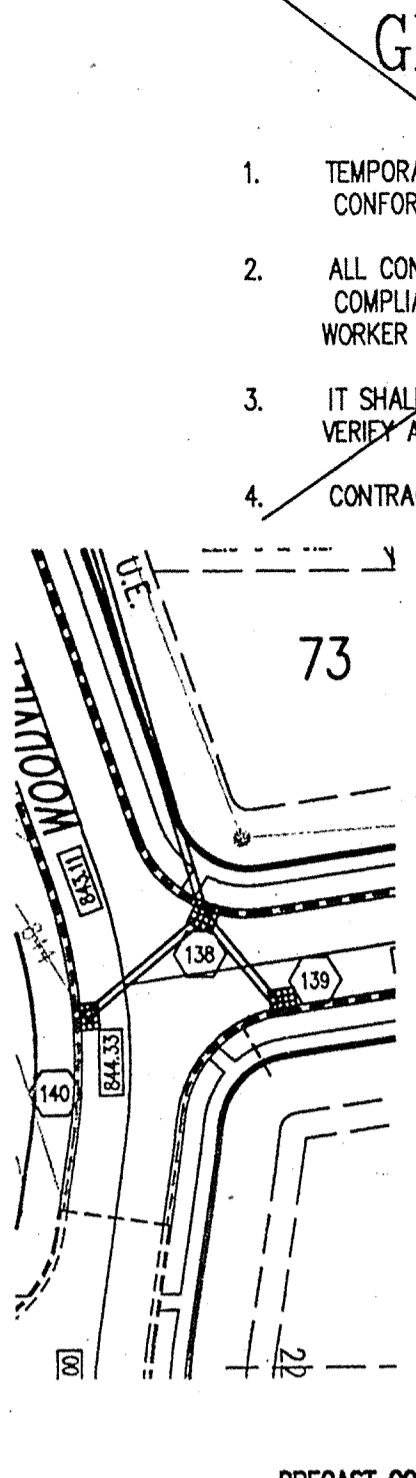
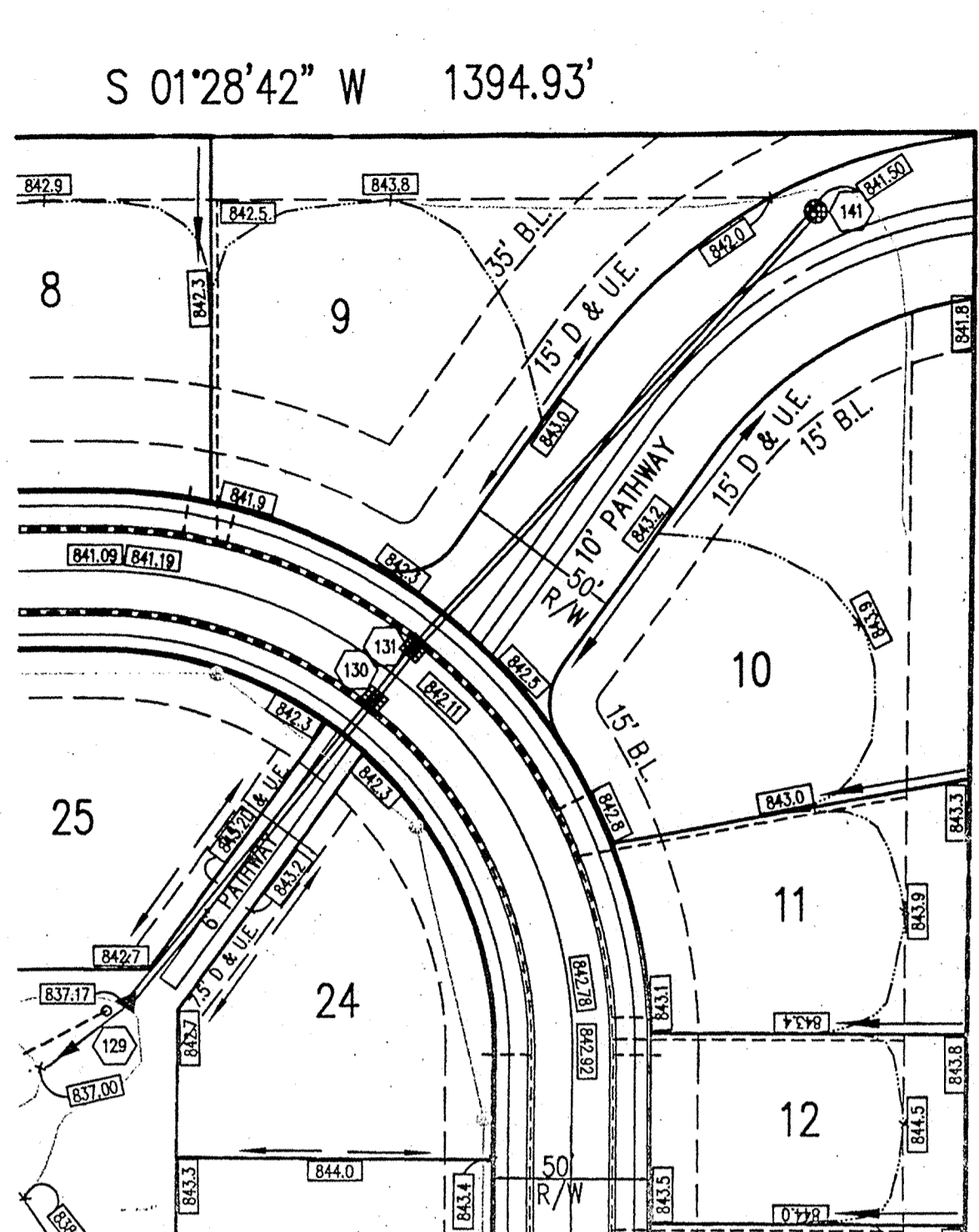
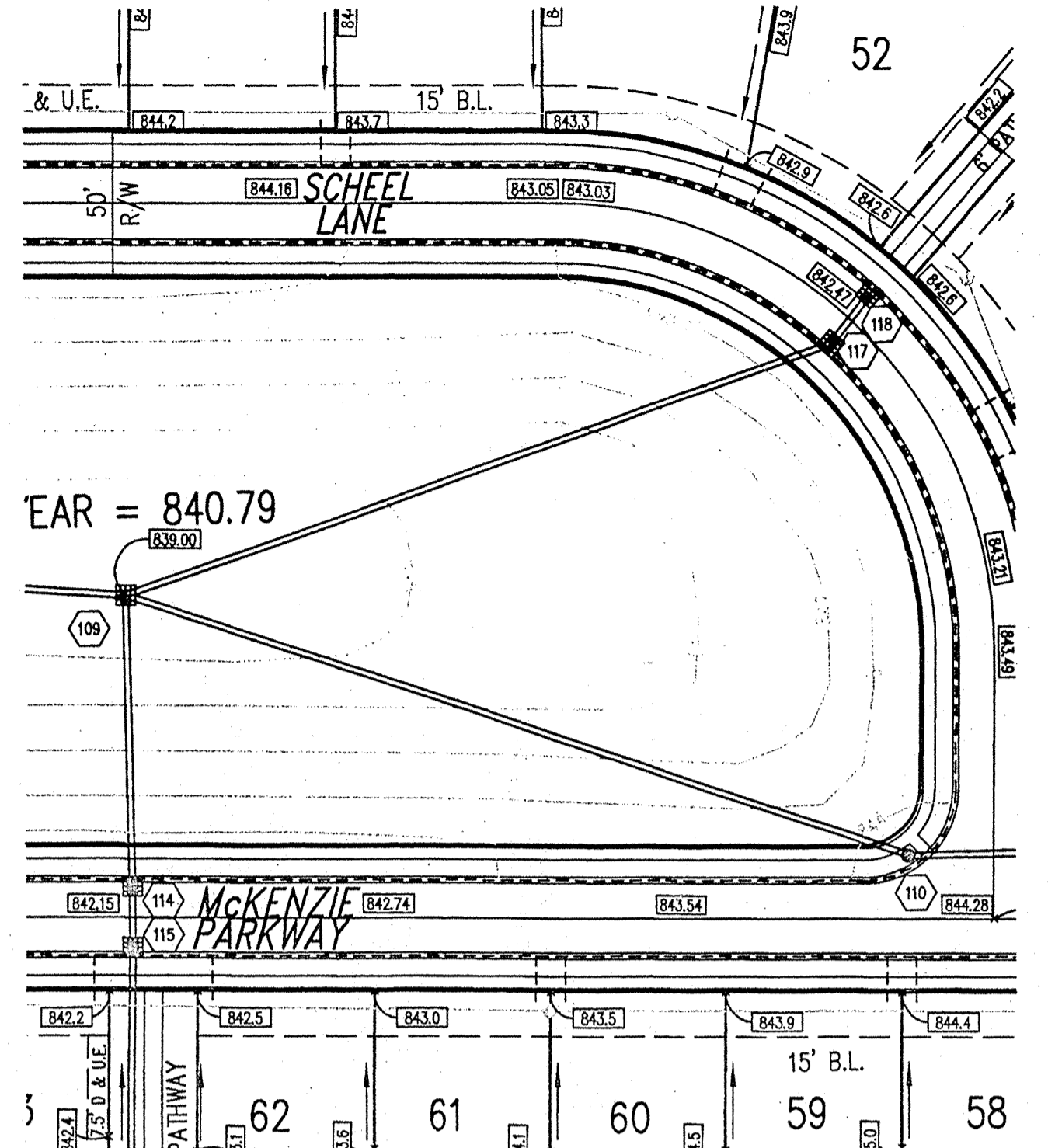
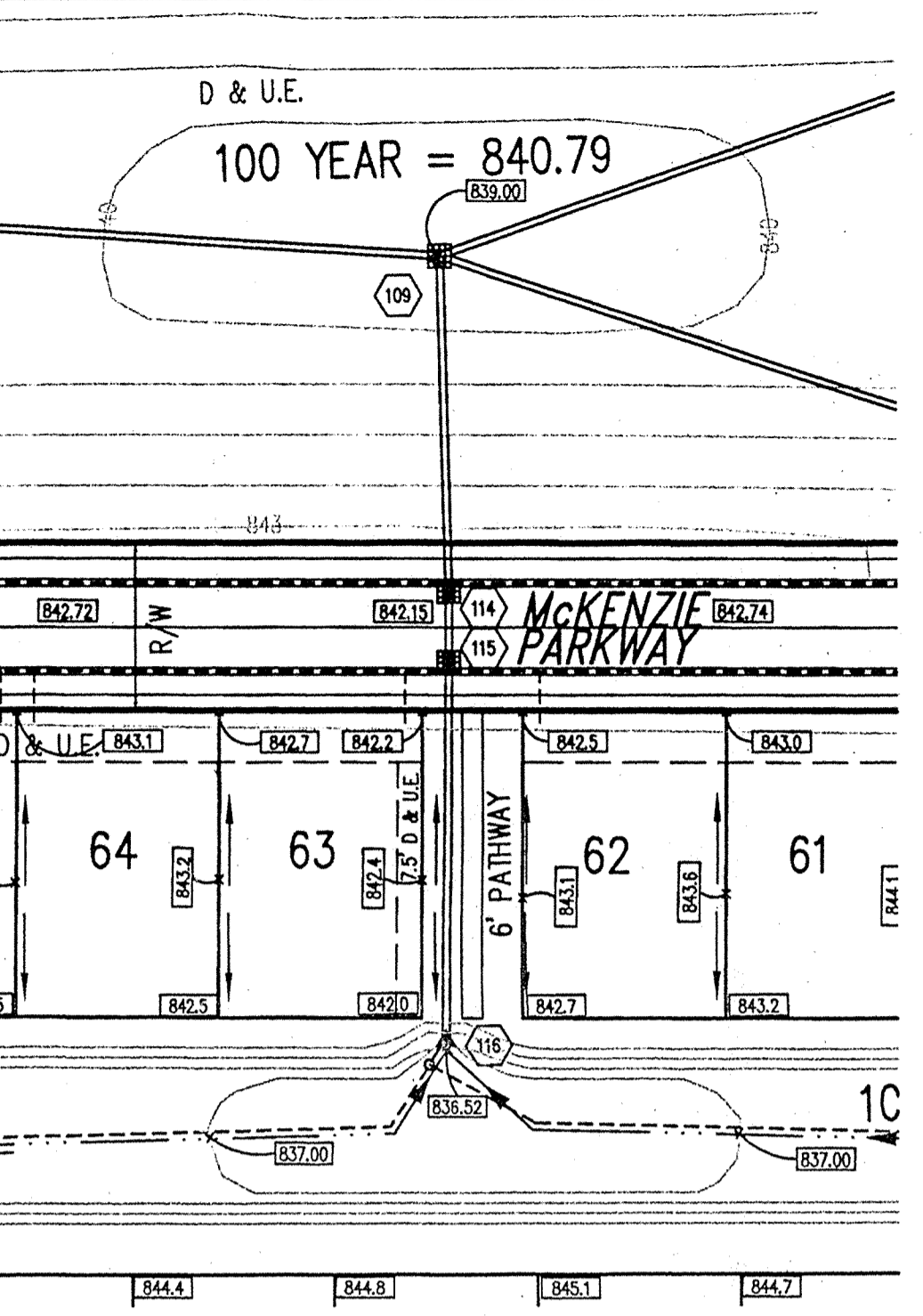
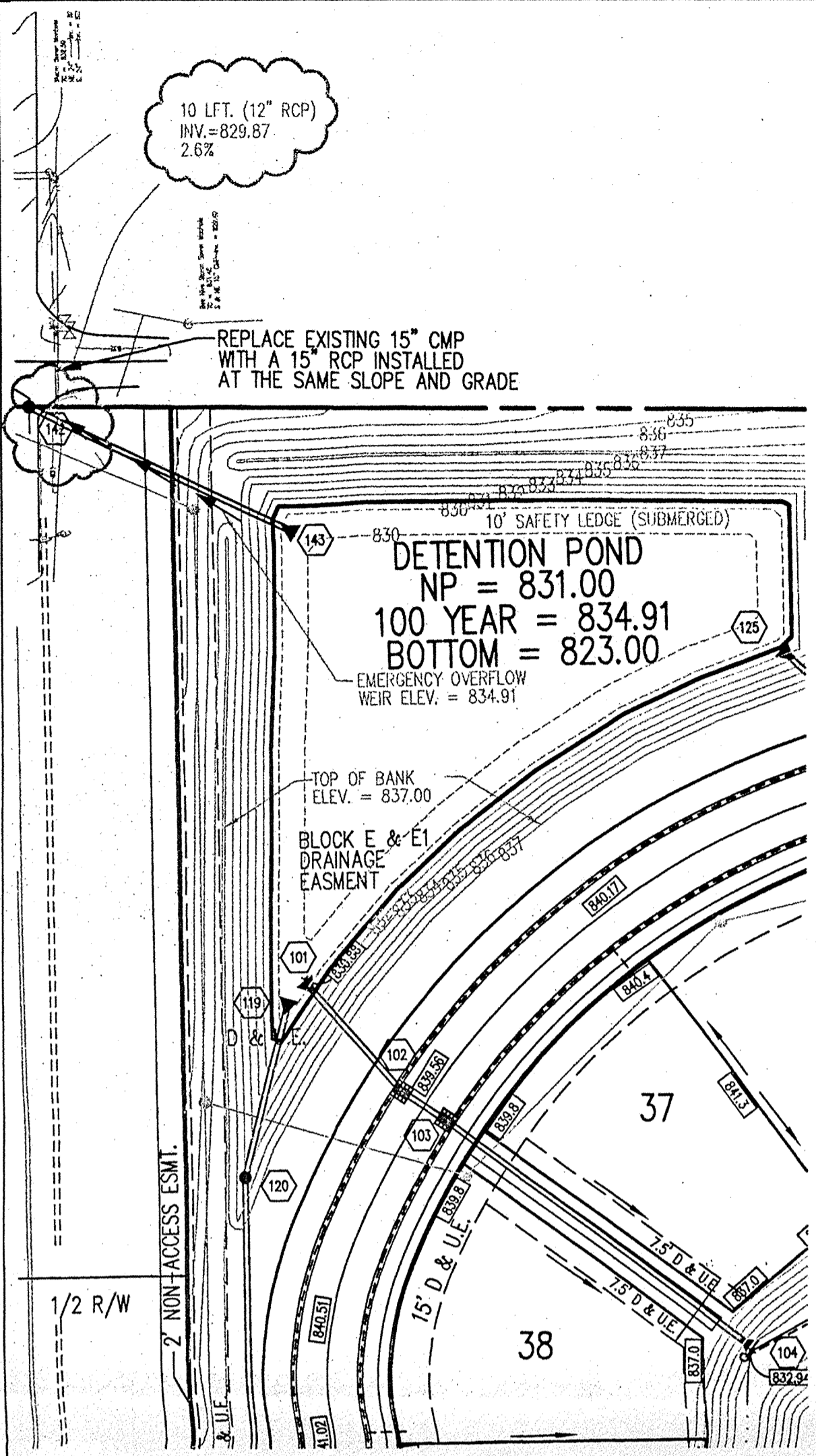
DRAWN BY: EAG
DATE: 12/19/00
FILE NAME: 002/PWS/0002/0002
JOB#: KAK003

REVISIONS:
1
2
3
4

**KOSENE & KOSENE
GUILFORD PARK
EAST 116th STREET
CARMEL, INDIANA**

BY: _____
DATE: _____

FILED
MAR 13 2003
SHEET
C602
OF
26
JOB#: KAK003



GENERAL NOTES:

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE Q.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

HOLEY MOLEY SAYS "DON'T DIG BLIND"



"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

"RECORD DRAWING CERTIFICATION"

I certify that the "Record Drawing" information presented hereon, to the best of my knowledge and belief, represents the constructed horizontal locations, elevations, pipe sizes, and pipe types. I further certify that the data and information obtained and represented hereon, was collected on August 8, 2001, April 11, 2002, and September 9, 2002, and performed under my direct supervision.

Stephen M. Cooper
REGISTERED LAND SURVEYOR
No. 50557
STATE OF INDIANA

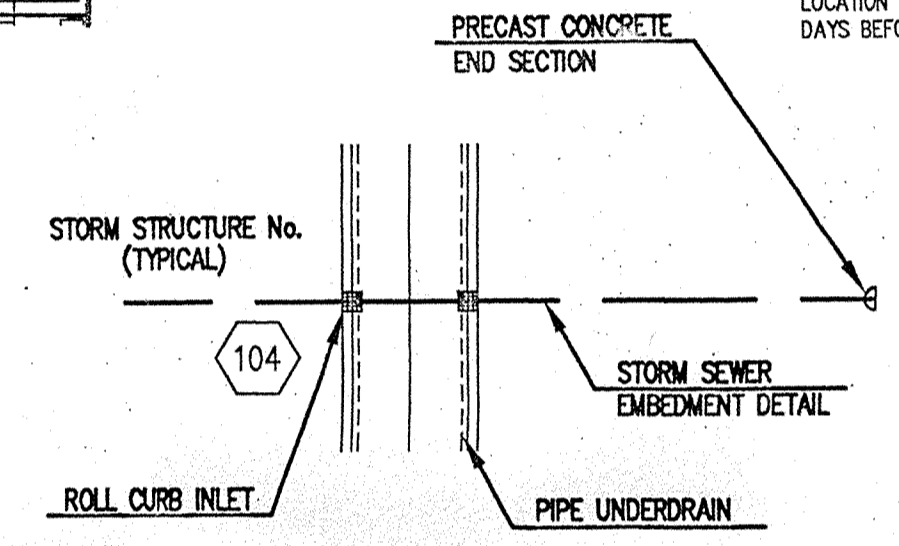
Stephen M. Cooper
Indiana Registered Land Surveyor #S05557
Date: 2/13/2003

Notes:
The pipe size and type information has been provided by the contractor and is not included as a part of the within certification. The pipe slope percentage depicted hereon is calculated from "manhole to manhole" and may not be representative of the entire pipe route. The calculated figure is for general information only.

NOTE: Top of curb elevation at curb inlets 0.33' higher than gutter elevation.

ASSUMED NORTH
SCALE: 1" = 50'

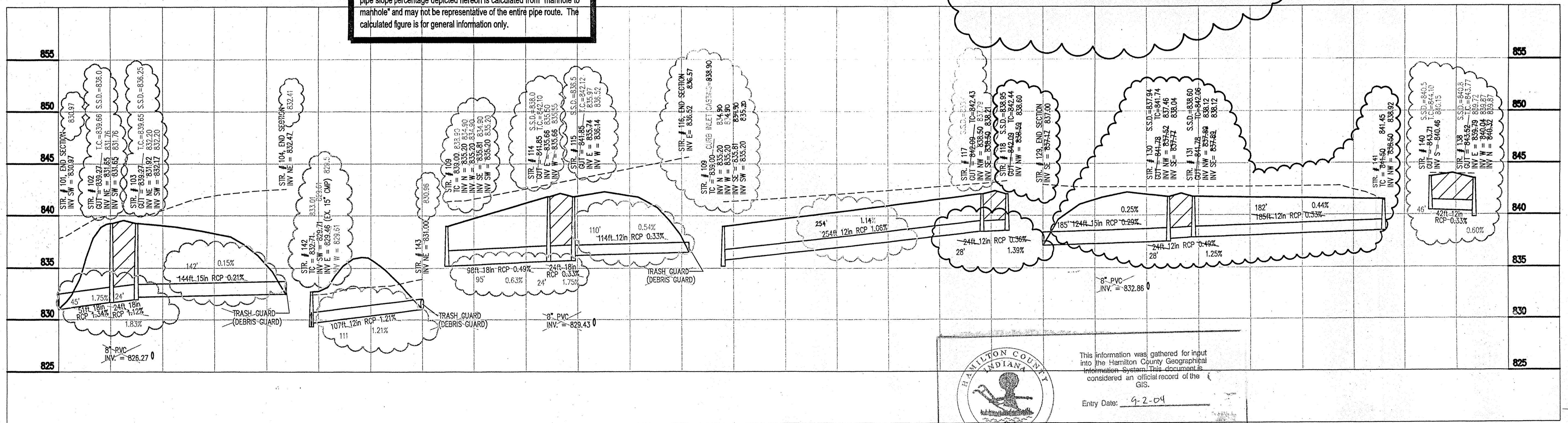
BENCHMARK
HM28 Copperhead in steel box casting at the intersection of 116th Street and Rangeline Road
Elevation = 819.78 (NGVD 1929)



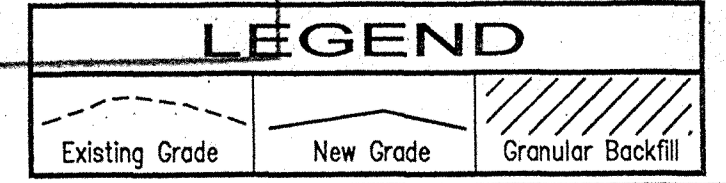
STORM SEWER LEGEND

STORM PLAN RECORD DRAWING

SCALE: 1" = 50'



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: 9-2-04
Entered by: SIM JJDH



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

FILED
MAR 13 2003
OFFICE OF HAMILTON COUNTY SURVEYOR

ROGER WARD ENGINEERING INCORPORATED
CIVIL ENGINEERS - SITE DESIGNERS - DEVELOPMENT CONSULTANTS
2224 CANTON AVENUE, SUITE 3
INDIANAPOLIS, INDIANA 46201
(317) 281-1798 (FAX) 281-1883
www.rwr-engineering.com

STORM SEWER PLAN & PROFILE

REVISIONS:
1- 2/23/01, EAC, REVIS GROUND NOTE ADDED TO PROFILES
2- 2/23/01, EAC, REVIS GROUND NOTE ADDED TO PROFILES
3- 2/23/01, EAC, REVIS GROUND NOTE ADDED TO PROFILES
4- 2/23/01, EAC, REVIS GROUND NOTE ADDED TO PROFILES

DRAWN BY: EAG
DATE: 12/19/00
FILE NAME: K03/0005/0005/0001
PLOT: 04/06/06

KOSENE & KOSENE
GUILFORD PARK
EAST 116th STREET
CARMEL, INDIANA

BY: _____
DATE: _____

SHEET
C601
OF
26
JOB#: KAK.003