

Drain: CLAY CREEK Drain #: 318  
 Improvement/Arm: HIGH GROVE SECTION 1  
 Operator: J. LIVINGSTON Date: 3-30-04  
 Drain Classification: Urban/Rural Year Installed: 1999

### GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost  
Drain Length Log

Drain-Improvement: CLAY CREEK DRAIN - SECTION 1 HIGH GROVE

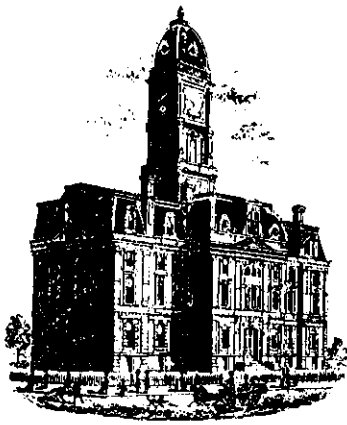
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
SSD	6"	3847.78	3847'	-.78		
RCP	12"	1054'	1054'			
	15"	578'	578'			
	18"	336	336'			
OPEN DITCH	-	700'	700'			

Sum: 6515.78 " 6515' -.78'

Final Report: 6515'

Comments:

DECIMAL OMITTED IN FINAL GIS  
REPORT



SURVEYOR'S OFFICE

# Hamilton County

*Kenton C. Ward, Surveyor*  
 Phone (317) 776-8495  
 Fax (317) 776-9628

Suite 146  
 One Hamilton County Square  
 Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

November 17, 1999

Re: Clay Creek Drain, High Grove Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the High Grove Section 1 Arm, Clay Creek Drain. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve 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:

Open Ditch	700 ft	12"	RCP	1,100 ft	18"	RCP	575 ft
6" SSD	5,454 ft	15"	RCP	349 ft			

The total length of the drain will be 8,178 feet.

The retention pond (lake) located in Block A is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the 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. Only the main SSD lines, which are located within the right of way, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

The open ditch listed above is that portion of Clay Creek, which runs through Block A. This will extend from the West side of the structure under Hoover Road to the East line of Block A.

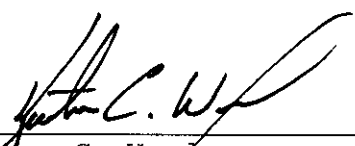
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$5.00 per acre, \$50.00 per lot, \$10.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$1,063.20.

Parcels assessed for this drain may be assessed for the Williams Creek or Collins-Osborn Drains 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 - 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 High Grove, Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for December 27, 1999.



---

Kenton C. Ward  
Hamilton County Surveyor

KCW/kkw



# SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

BOND NO.: 885151S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, Estridge Development Co. Inc., 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 Board of Commissioners  
One Hamilton County Square, Noblesville, IN 46060-2230

as Obligee, in the sum of Seventy-Eight Thousand Five Hundred Seventy & No/100--- Dollars, (\$ --78,570.00--) 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 High Grove, Section 1 Subdivision, in Carmel, Indiana the following improvements: Storm Sewer, Subsurface Drains

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 13th day of October, 19 99.

Estridge Development Co., Inc.  
Principal  
BY: [Signature] & [Signature]

DEVELOPERS SURETY AND INDEMNITY COMPANY  
BY: [Signature]  
Cynthia L. Jenkins  
Attorney-in-Fact

POWER OF ATTORNEY OF  
**DEVELOPERS SURETY AND INDEMNITY COMPANY**  
West Bank Plaza Building, 1603 22nd Street, Suite 200  
West Des Moines, IA 50266 (515) 267-9070

Nº 010382

- NOTICE:
1. All power and authority herein granted shall in any event terminate on the 31st day of March, 2002.
  2. This Power of Attorney is void if altered or if any portion is erased.
  3. This Power of Attorney is void unless the seal is readable, the text is in brown ink, the signatures are in blue ink and this notice is in blue ink.
  4. This Power of Attorney should not be returned to the Attorney(s)-In-Fact, but should remain a permanent part of the obligee's records.

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

**\*\*\*Cynthia L. Jenkins, Amy Gooden, Michael M. Bill, Edward L. Mournighan, Michael H. Bill, jointly or severally\*\*\***

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 in an amount not exceeding Ten Million Dollars (\$10,000,000) in any single undertaking; 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**, effective as of September 24, 1986:

RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporations 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** have severally caused these presents to be signed by their respective Presidents and attested by their respective Secretaries this 22nd day of December, 1998.

**DEVELOPERS SURETY AND INDEMNITY COMPANY**

ATTEST

By *Dante F. Vincenti, Jr.*  
Dante F. Vincenti, Jr.  
President

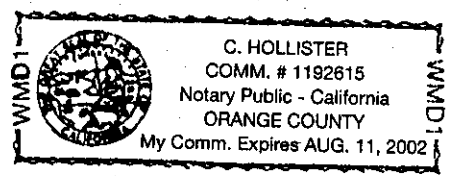
By *Walter Crowell*  
Walter Crowell  
Secretary



STATE OF CALIFORNIA )  
                                  ) SS.  
COUNTY OF ORANGE )

On December 22, 1998, before me, C. Hollister, personally appeared Dante F. Vincenti, Jr. and Walter Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  
WITNESS my hand and official seal.

Signature *C. Hollister*



**CERTIFICATE**

The undersigned, as Senior Vice President of **DEVELOPERS SURETY AND INDEMNITY COMPANY**, does hereby certify that the foregoing and attached 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, this 13th day of October, 1999

**DEVELOPERS SURETY AND INDEMNITY COMPANY**

By *Lawrence G. Kepiro*  
Lawrence G. Kepiro  
Senior Vice President



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**SUBDIVISION IMPROVEMENTS  
PERFORMANCE BOND**

BOND NO.: 885152S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, Estridge Development Co. Inc., 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 Board of Commissioners  
One Hamilton County Square, Noblesville, IN 46060-2230

as Obligee, in the sum of Fifteen Thousand Nine Hundred Seventy & No/100----- Dollars, (\$ --15,970.00--) 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 High Grove, Section 1 Subdivision, in Carmel, Indiana the following improvements: 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 13th day of October, 19 99.

Estridge Development Co., Inc.  
Principal

BY: [Signature] & Tim Walsh  
DEVELOPERS SURETY AND INDEMNITY COMPANY

BY: [Signature]  
Cynthia L. Jenkins  
Attorney-in-Fact

POWER OF ATTORNEY OF  
**DEVELOPERS SURETY AND INDEMNITY COMPANY**  
West Bank Plaza Building, 1603 22nd Street, Suite 200  
West Des Moines, IA 50266 (515) 267-9070

Nº 010381

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- 4. This Power of Attorney should not be returned to the Attorney(s)-In-Fact, but should remain a permanent part of the obligee's records.

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

**\*\*\*Cynthia L. Jenkins, Amy Gooden, Michael M. Bill, Edward L. Mournighan, Michael H. Bill, jointly or severally\*\*\***

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 in an amount not exceeding Ten Million Dollars (\$10,000,000) in any single undertaking; 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**, effective as of September 24, 1986:

RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporations 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** have severally caused these presents to be signed by their respective Presidents and attested by their respective Secretaries this 22nd day of December, 1998.

**DEVELOPERS SURETY AND INDEMNITY COMPANY**

ATTEST

By Dante F. Vincenti, Jr.  
Dante F. Vincenti, Jr.  
President

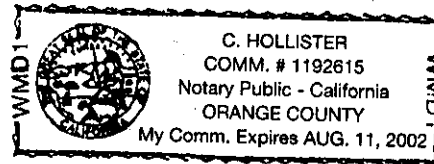
By Walter Crowell  
Walter Crowell  
Secretary



STATE OF CALIFORNIA )  
  ) SS.  
COUNTY OF ORANGE )

On December 22, 1998, before me, C. Hollister, personally appeared Dante F. Vincenti, Jr. and Walter Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  
WITNESS my hand and official seal.

Signature C. Hollister



**CERTIFICATE**

The undersigned, as Senior Vice President of **DEVELOPERS SURETY AND INDEMNITY COMPANY**, does hereby certify that the foregoing and attached 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, this 13th day of October, 1999

**DEVELOPERS SURETY AND INDEMNITY COMPANY**

By Lawrence G. Kepiro  
Lawrence G. Kepiro  
Senior Vice President



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Copy

OFFICE OF

HAMILTON COUNTY DRAINAGE BOARD

Notice of Hearing to Establish Annual Assessments For The Periodic Maintenance of The Clay Creek High Grove Sec. 2 Drain.

Estridge Dev., Co.

1041 W. Main St.

Carmel, IN 46032

You are hereby notified that the maintenance report of the County 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 County Surveyor.

The Surveyor has estimated that the annual cost of periodically maintaining the drain is \$936.00 and that the schedule shows you are the owner of the following lands:

Table with 5 columns: Description of Land, Acres in Tract, Acres Benefit'd, Maint. Assmt., % of Total. Row 1: Sec. 33, Twp. 18, Range 3, Lots 11-26 & Blks D & E @ \$50/ea, Bramley Ct, Braeburn Dr. Row 2: 18 Parcels, 3.60 Ac, 18 Parcels, 3.60 Ac, \$900.00, 96.12%.

A hearing will be held by the Drainage Board in Commissioner's Court at 9:10 A.M. on January 28, 2002, on the Surveyor's maintenance report and the schedule of assessments. The law requires that objections must be written and filed not less than five (5) days before the above hearing on the ground that benefits assessed are excessive. Written evidence in support of objections may also be filed. The failure of any owner to file an objection constitutes a waiver of his right to thereafter object on such ground to any final action of the Board. On or before the hearing date the Surveyor or any owner of lands named in the schedule of assessments may cause written evidence to be filed in support of or in rebuttal to any objection filed.

HAMILTON COUNTY DRAINAGE BOARD

THIS IS NOT A BILL. If approved by the Board, you will receive a Drainage Assessment Statement after costs have been certified to the County Auditor.

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: High Grove, Section One

I hereby certify that:

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

Signature: Brandon T. Burke Date: 9/15/00

Type or print name: Brandon Burke, P.E.

Business /Address: The Schneider Corporation  
12726 Hamilton Crossing Blvd., Carmel, IN 46032

Telephone: (317) 574-3797

INDIANA REGISTRATION NUMBER

000075

SEAL



KSTONE	
DEER LAKE DRIVE	930.9
STONE DRIVE	194.35
	x2
<b>Total:</b>	<b>9987.84</b>

13 THRU 15	345
16 THRU 17	470
23 THRU 24	405
18 THRU 21	635
28 THRU 31	480
1 THRU 4	495
25 THRU 27	250
32 THRU 34	425
<b>Total:</b>	<b>3610</b>

**RCP Pipe Totals:**

	12	739
	15	1088
	18	713
	21	804
	24	623

	27	543
	30	220

The length of the drain due to the changes described above is now **18,327.84 feet**.

The non-enforcement was approved by the Board at its meeting on May 22, 2000 and recorded under instrument #200000039004.

The bond or letter of credit from Owen Community Bank, number HCDB-L00-001; dated March 6, 2000; in the amount of \$223,577.00; was released October 23, 2000.

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

Sincerely,

Kenton C. Ward,  
Hamilton County Surveyor  
KCW/slm

"To: Hamilton County Drainage Board

September 6, 2001

Re: Clay

Creek Drain: High Grove Sec. 1

Attached are as-builts, certificate of completion & compliance, and other information for High Grove Sec. 1. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated November 17, 1999. The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
639		877.97				
640		876.9	12	41	34	7
638		881.73				
637	885.82	881.21	12	52	59	7
637	885.82	881.21				
636	885.85	881.08	12	28		
636	885.85	881.08				
635		878.13	12	263	266	3
619		878.05				
620	885.3	881	12	151	157	6
620	885.3	881				
621	885.27	881.57	12	76		
614	878.86	874.88				
613	879.33	874.58	12	50		
613	879.33	874.58				

604	879.99	873.94	15	204	205	1
612	882.9	879.6				
609	882.63	876.33	12	29	28	1
615	879.22	875.19				
613	879.33	875.08	12	28		
611	880.73	278.43				
610	884.62	877.14	12	103	112	9
610	884.62	877.14				
609	882.63	876.67	15	123	119	4
609	882.63	876.67				
608	883.35	876.31	15	73	75	2
608	883.35	876.31				
607	881.67	875.87	15	73	74	1
607	881.67	875.87				
606	879.94	875.19	15	105	102	3
606	879.94	875.19				
605	880.06	874.41	18	136	138	2
605	880.06	874.41				
604	879.99	873.94	18	66	67	1
604	879.99	873.94				
603		871.93	18	134	144	10
602		871.9				
601		871.28	12	49	55	-6
616		877.97				
617	884.53	880.67	12	156	158	-2
617	884.53	880.67				
618	884.59	880.82	12	28		

CULVERT UNDER HOOVER - REMOVED

**6" SSD Streets:**

BRAEBURN DRIVE	937.64
WINESAP WAY	462.35
REDGOLD RUN	523.9
X2	
<b>Total:</b>	<b>3847.78</b>

**RCP Pipe Totals:**

12	1054
15	578
18	336
<b>Total:</b>	<b>1968</b>

<b>Other Drain:</b>	
OPEN DRAIN	<b>700</b>

The length of the drain due to the changes described above is now **6,515 feet**.

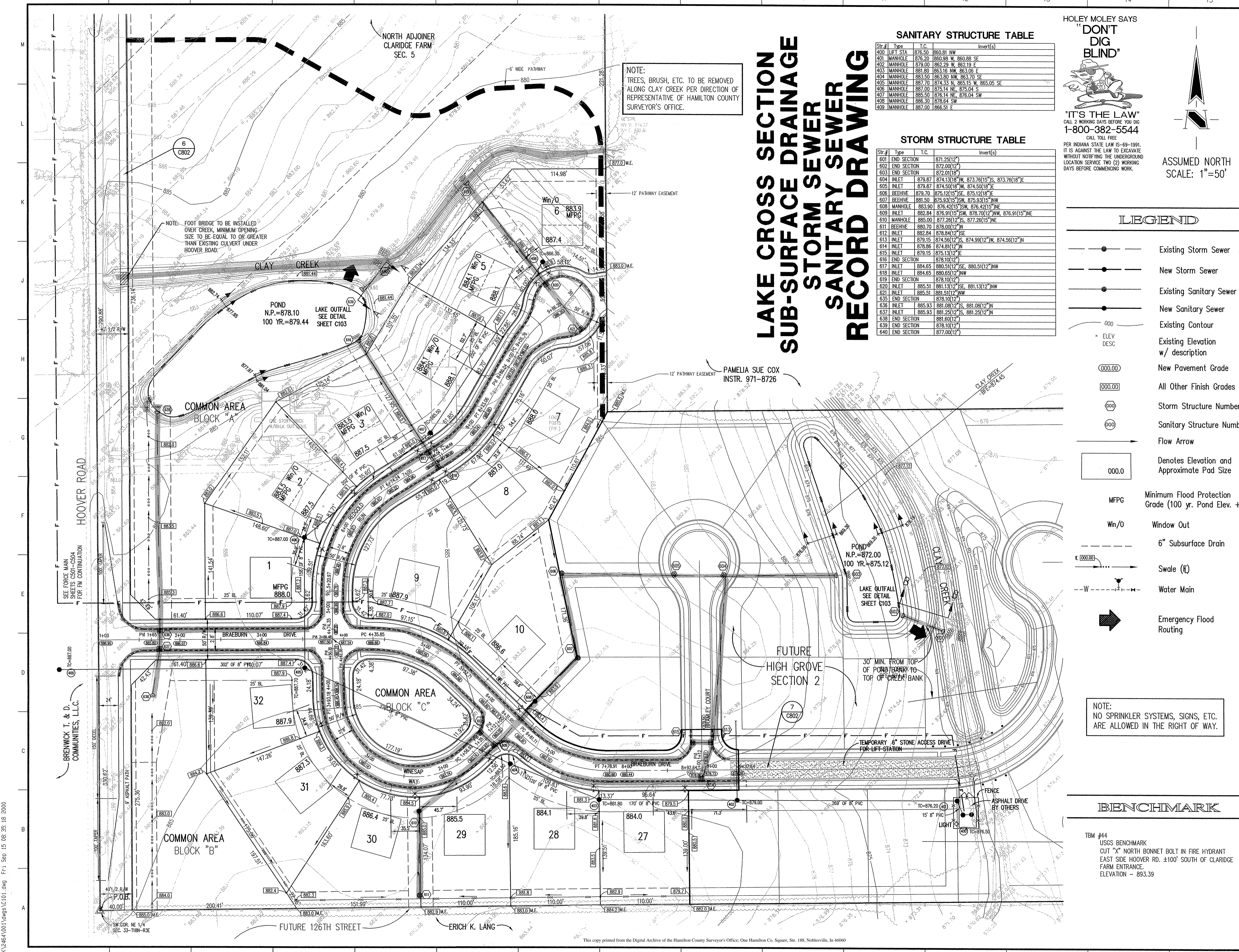
The non-enforcement was approved by the Board at its meeting on December 27, 1999 and recorded under instrument #200000044804.

The bond or letter of credit from Developers Surety and Indemnity Company, number 88515S for Storm Sewers and Sub Surface Drains and 885152S; in the amount of \$78,570.00 & \$15,970.00; was released December 26, 2000.

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

Sincerely,

Kenton C. Ward,  
Hamilton County Surveyor  
KCW/slm



NOTE:  
TREES, BRUSH, ETC. TO BE REMOVED  
ALONG CLAY CREEK PER DIRECTION OF  
REPRESENTATIVE OF HAMILTON COUNTY  
SURVEYOR'S OFFICE.

# LAKE CROSS SECTION SUB-SURFACE DRAINAGE SANITARY SEWER STORM SEWER RECORD DRAWING

**SANITARY STRUCTURE TABLE**

Str.#	Type	T.C.	Invert(s)
400	LIFT STA	876.50	860.91 NW
401	MANHOLE	876.20	860.98 W, 860.88 SE
402	MANHOLE	879.00	862.29 W, 862.19 E
403	MANHOLE	881.80	863.16 NW, 863.06 E
404	MANHOLE	883.50	863.80 NW, 863.70 SE
405	MANHOLE	887.70	874.33 N, 865.15 W, 865.05 SE
406	MANHOLE	887.00	875.14 NE, 875.04 S
407	MANHOLE	885.50	876.14 NE, 876.04 SW
408	MANHOLE	886.30	878.64 SW
409	MANHOLE	887.00	886.51 E

**STORM STRUCTURE TABLE**

Str.#	Type	T.C.	Invert(s)
601	END SECTION	871.25(12")	
602	END SECTION	872.00(12")	
603	END SECTION	872.00(18")	
604	INLET	879.87	874.13(18")W, 873.76(15")S, 873.76(18")E
605	INLET	879.87	874.50(18")W, 874.50(18")E
606	BEEHIVE	879.70	875.12(15")SE, 875.12(18")E
607	BEEHIVE	881.50	875.93(15")SW, 875.93(15")NW
608	MANHOLE	883.90	876.42(15")SW, 876.42(15")NE
609	INLET	882.84	876.91(15")SW, 876.70(12")NW, 876.91(15")NE
610	MANHOLE	885.00	877.26(12")SE, 877.26(15")NE
611	BEEHIVE	880.70	878.00(12")N
612	INLET	882.84	878.84(12")SE
613	INLET	879.15	874.56(12")S, 874.99(12")W, 874.56(12")N
614	INLET	878.86	874.61(12")N
615	INLET	879.15	875.13(12")E
616	END SECTION	878.10(12")	
617	INLET	884.65	880.51(12")SE, 880.51(12")NW
618	INLET	884.65	880.65(12")NW
619	END SECTION	878.10(12")	
620	INLET	885.51	881.13(12")SE, 881.13(12")NW
621	INLET	885.51	881.51(12")NW
635	END SECTION	878.10(12")	
636	INLET	885.93	881.08(12")S, 881.08(12")N
637	INLET	885.93	881.25(12")S, 881.25(12")N
638	END SECTION	881.60(12")	
639	END SECTION	878.10(12")	
640	END SECTION	877.00(12")	

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.

ASSUMED NORTH  
SCALE: 1"=50'

**LEGEND**

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Existing Contour
- Existing Elevation w/ Description
- New Pavement Grade
- All Other Finish Grades
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size
- MFGP Minimum Flood Protection Grade (100 yr. Pond Elev. +2')
- Win/O Window Out
- 6" Subsurface Drain
- Swale (S)
- Water Main
- Emergency Flood Routing

**GENERAL NOTES**

- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATIONS FOR EACH UTILITY BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN THE FIELD BEFORE WORK IS STARTED OR RESUMED.
- STANDARD SPECIFICATIONS FOR THE CITY OF CARMEL, INDIANA SHALL APPLY FOR ALL SANITARY SEWER AND STORM SEWERS.
- ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
- THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE FOR INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
- SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4" IN WIDTH.
- CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS AREA TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- 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.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES. REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.
- ALL FILL AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-1557). FILL UNDER THE FOOTING SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-1557).

**CERTIFICATION FOR "RECORD DRAWING"**  
SUB-SURFACE DRAIN AND LAKE CROSS SECTION LOCATIONS.

Revisions  
1. 07/23/99, MG; REVISED PER TAC COMMENTS.  
2. DTR, 8/16/99, ADDED HANDICAP RAMP, GRADES ON SWALE AT ENTRANCE & DETAIL FLAGS.  
3. PRC 09/30/99, MOVED POND/BLOCK "C" TO THE EAST, ADDED 30" MIN. NOTE & ADJUSTED PIPE 601-602 & 603-604, WIDENED ESMT. AROUND POND.  
4. PRC 10/13/99, ADDED PIPE UNDER WALK AT CLAY CREEK & DET #, ALSO NOTE TO REMOVE TREES ALONG CLAY CREEK.  
5. DTR, 11/18/99, REMOVED PIPE UNDER WALK AT CLAY CREEK.  
6. BET, 06/20/00, "RECORD DRAWING"

BRANDON T. BURKE REGISTERED ENGINEER  
No. 0000075  
STATE OF INDIANA  
PROFESSIONAL ENGINEER  
DATE: 9-15-00

CERTIFIED BY: *Brandon T. Burke*

1999, The Schneider Corporation

**The Schneider Corporation**

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Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

ESTRIDGE DEVELOPMENT CO., INC.  
HIGH GROVE  
HAMILTON COUNTY, INDIANA

**DEVELOPMENT PLAN**

Date	Project No.	Drawn	Appr.
06/18/99	2464.001	DCC	
Computer Files	Sheet No.		
1. 2464(001)DWG(C101).DWG XREF: 001BASE.DWG XREF: 002BASE.DWG XREF: 2464(01).DWG	C101		

2464(001)DWG(C101).DWG  
 FRI Sep 15 08:35:18 2000