



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*

August 24, 2005

TO: Hamilton County Drainage Board

RE: Village of West Clay, Section 5002 Arm.

Attached is a petition filed by Brenwick Development along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 5002 Arm, Village of West Clay 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:

12" RCP	625 ft.	18" RCP	53 ft.
15" RCP	147 ft.	21" RCP	322 ft.

The total length of the drain will be 1,147 feet.

The retention pond (lake) which is located in Block "A" Commons is not to be considered part of the regulated drain for maintenance purposes. Only the inlets and outlets will be maintained as part of the regulated drain. The maintenance of the pond (lake) shall be the responsibility of the Homeowners Association as per the subdivision covenants on pages 11 and 12, sections 4 and 5, and recorded in the Office of the Hamilton County Recorder as instrument number 199909946964. 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) under curbs are not to be part of the regulated drain. This is per the agreement between Brenwick Development and the Hamilton County Commissioners on April 26, 1999. (See Commissioner's Minute Book 93, Pages 565-566).

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, \$5.00 per acre for roadways, with a \$120.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$4,353.30

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Performance Bond are as follows:

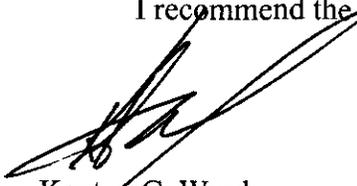
Agent: Bond Safeguard Insurance Co.	Agent: Bond Safeguard Insurance Co.
Date: April 14, 2005	Date: April 14, 2005
Number: 5016359	Number: 5016358
For: Storm Sewers	For: Erosion Control
Amount: \$104,326.000	Amount: \$33,720.00

Parcels assessed for this drain may be assessed for the Collins-Osborn or William Creek Drain at sometime in the future. Parcels assessed for this drain will also be assessed for the Elliott Creek Drain.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC36-9-27-67 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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Village of West Clay Section 5002 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for October 24, 2005



Kenton C. Ward  
Hamilton County Surveyor

KCW/pll



The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

**RECORDED OWNER(S) OF LAND INVOLVED**

  
Signed KEVIN KRULICK, BREWICK DEVELOPMENT CO. INC. AN AGENT TO BREWICK TND COMMUNITIES LLC (OWNER)  
Printed Name

10/4/04  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain, Section 5002 Arm

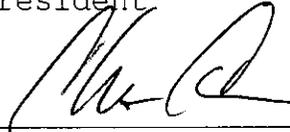
On this *24th day of October 2005*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Village of West Clay Drain, Section 5002 Arm*

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:



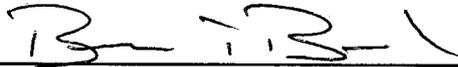
CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: Village of West Clay Section 5002

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. 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.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: \_\_\_\_\_



Date: \_\_\_\_\_

12-8-05

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

Business /Address: The Schneider Corporation

12821 E. New Market Street, Suite 100, Carmel, IN 46032

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 10000075

SEAL



SURVEYOR'S OFFICE

# Hamilton County

*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

**To: Hamilton County Drainage Board**

**March 21, 2007**

**Re: Village of West Clay: Section 5002**

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 5002. 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 August 24, 2005. The report was approved by the Board at the hearing held October 24, 2005. (See Drainage Board Minutes Book 8, Pages 464-465)  
 The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert	Grade:	Changes(ft):
659-658	127	12	RCP	897.83	896.91	0.72	3
660-658	29	12	RCP	897.4	897.21	0.45	
671-630	20	12	RCP	900.97	900.36	3.05	
630-629	120	12	RCP	900.36	899.53	0.69	
672-633	48	12	RCP	900.18	899.94	0.5	
629-632	15	15	RCP	899.9	899.53	2.47	1
629-673	96	15	RCP	899.53	899.25	0.29	1
673-628	38	15	RCP	899.25	898.84	1.08	
628-627	53	18	RCP	898.84	898.68	0.3	
627-631	24	12	RCP	899.07	898.78	1.21	-1
627-626	251	21	RCP	898.68	898.08	0.24	
626-625	59	21	RCP	898.08	897.97	0.19	-12
626-675	43	12	RCP	901.46	900.88	1.35	
674-626	68	12	RCP	901.34	900.88	0.68	
615-601	59	12	RCP	898.86	898.57	0.49	-4
617-615	50	12	RCP	900.25	900.14	0.22	-1
616-605	6	12	RCP	899.74	899.2	9	
632-633	29	12	RCP	899.94	899.9	0.14	

**RCP Pipe Totals:**

12	623
15	149
18	53

The length of the drain due to the changes described above is now **1135 feet**.

The non-enforcement was approved by the Board at its meeting on October 24, 2005 and recorded under instrument #200500074269.

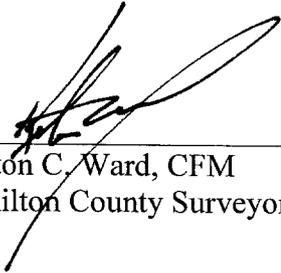
The following sureties were guaranteed by Bond Safeguard Insurance, Co. and released by the Board on its October 9, 2006 meeting.

**Bond-LC No:** 5016359  
**Insured For:** Storm Sewers  
**Amount:** \$104,326.00  
**Issue Date:** April 14, 2005

**Bond-LC No:** 5016358  
**Insured For:** Erosion Control  
**Amount:** \$33,720.00  
**Issue Date:** April 14, 2005

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

Sincerely,



---

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm

SEC. 28-T18N-R3E

# VILLAGE OF WESTCLAY SECTION 5002

(CONSTRUCTION PLANS)

## HAMILTON COUNTY CARMEL, INDIANA

**SUB-SURFACE DRAINAGE  
SANITARY SEWER  
STORM SEWER  
WATER LINE  
RECORD DRAWING**

**DEVELOPER:**

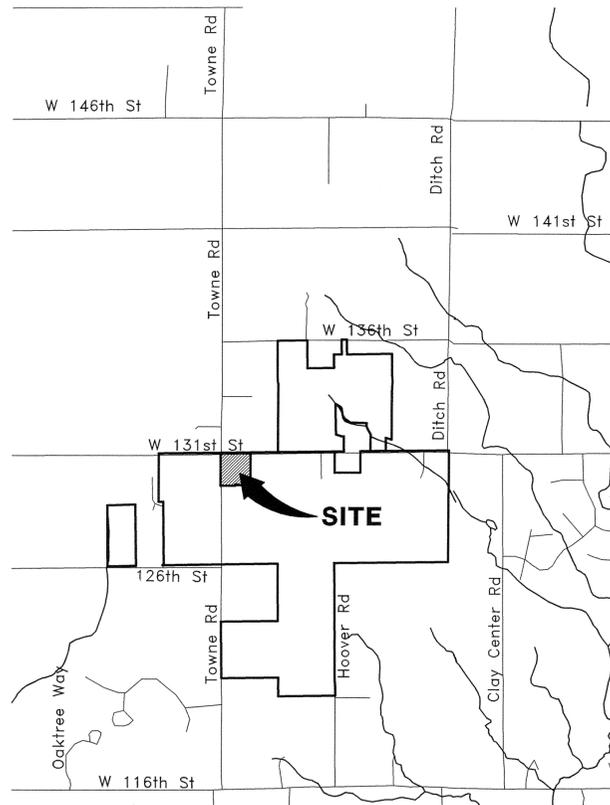
**BRENNICK DEVELOPMENT CO.**

12821 E. NEW MARKET STREET, SUITE 200

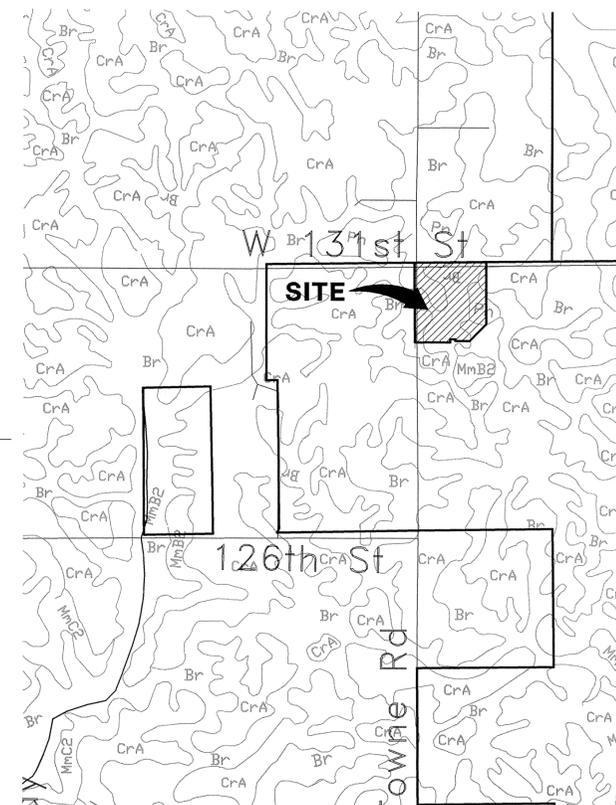
CARMEL, INDIANA 46032

(317) 574-3400

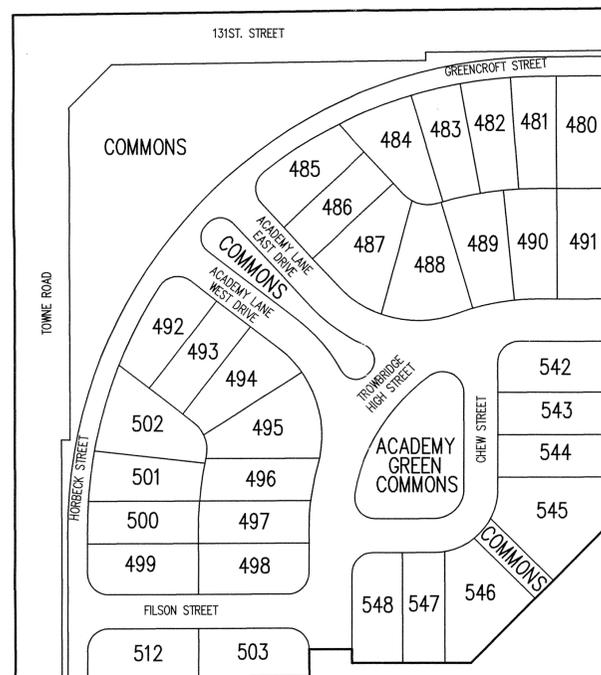
(317) 574-3919 (FAX)



**AREA MAP**  
NOT TO SCALE



**SOILS MAP**  
NOT TO SCALE



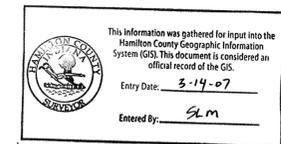
**SITE MAP**  
SCALE: 1" = 100'

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101	DEVELOPMENT PLAN
C102	PRE-CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN
C103	STORMWATER POLLUTION PREVENTION PLAN
C104	TRAFFIC CONTROL PLAN
C201-C204	STREET PLAN & PROFILE
C301	INTERSECTION DETAILS
C401	SANITARY SEWER PLAN & PROFILES
C601-C602	STORM SEWER PLAN & PROFILES
C701	WATER DISTRIBUTION PLAN
C702	20" WATERMAIN PLAN AND PROFILE
C801	STREET DETAILS
C802	SANITARY SEWER DETAILS
C803	STORM SEWER DETAILS
C804-C805	STORMWATER POLLUTION PREVENTION DETAILS
C806	HAMILTON COUNTY DETAILS
C901	SPECIFICATIONS

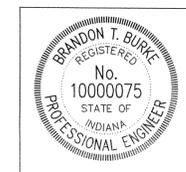


12821 E. New Market Street  
Suite 100  
Carmel, IN 46032  
Telephone: 317.569.8112  
Fax: 317.826.6410  
www.schneidercorp.com

Architecture  
Civil Engineering  
Environmental Engineering  
Geotechnical Services  
GIS \* LIS  
Home Builder Services  
Interior Design  
Land Surveying  
Landscape Architecture  
Transportation Engineering



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: 5-14-07  
Entered By: SLM



DATE: 10/05/04

DATE	BY	DESCRIPTION
11/31/04	DCC	C702
1/07/05	BET	ALL SHEETS
3/29/05	BET	ALL SHEETS
7/22/05	ALF	C101 & C401
8/29/05	BET	C601 & C602
10/10/05	BET	C101, C401 & C701

*Brandon T. Burke*

CERTIFIED BY: BRANDON T. BURKE

E-MAIL ADDRESS: BBURKE@schneidercorp.com

PROJECT ENGINEER: \_\_\_\_\_

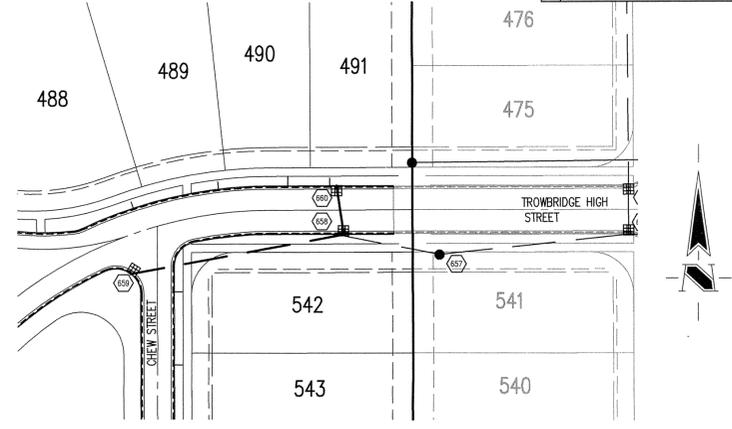
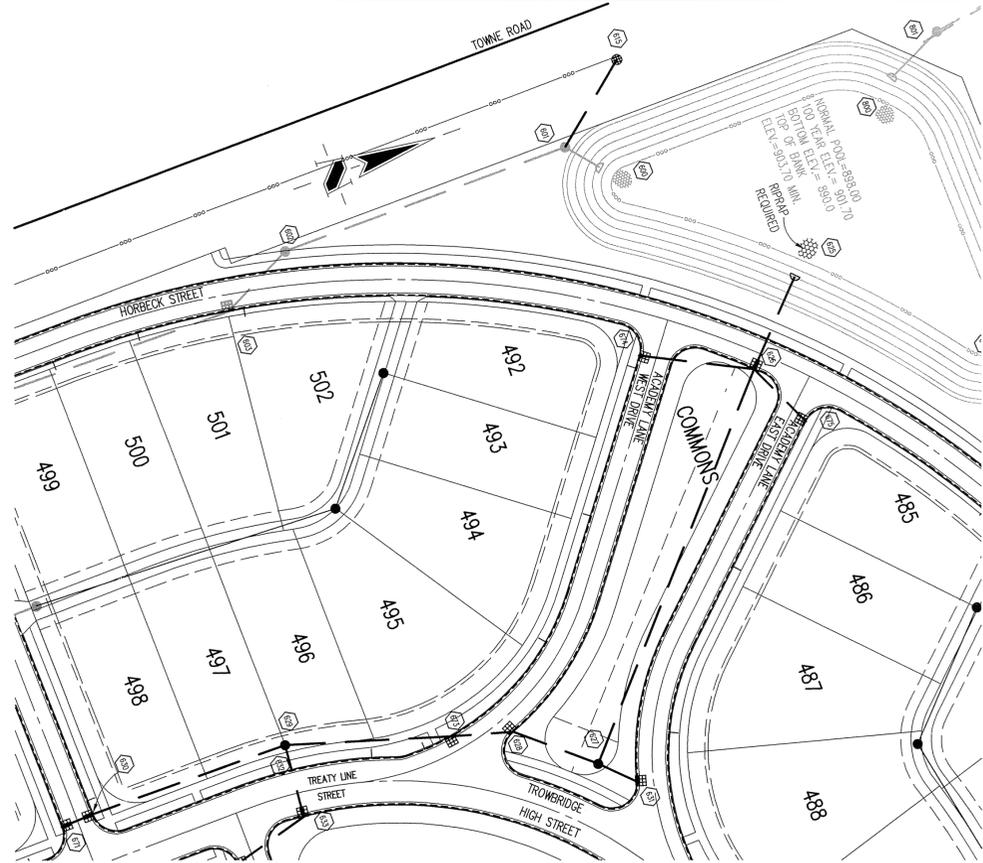
CHECKED BY: \_\_\_\_\_ DATE CHECKED: \_\_\_\_\_

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

© 2003, The Schneider Corporation

JOB No. 1238.5002

SHEET  
**C100**  
OF  
22



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.

**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.

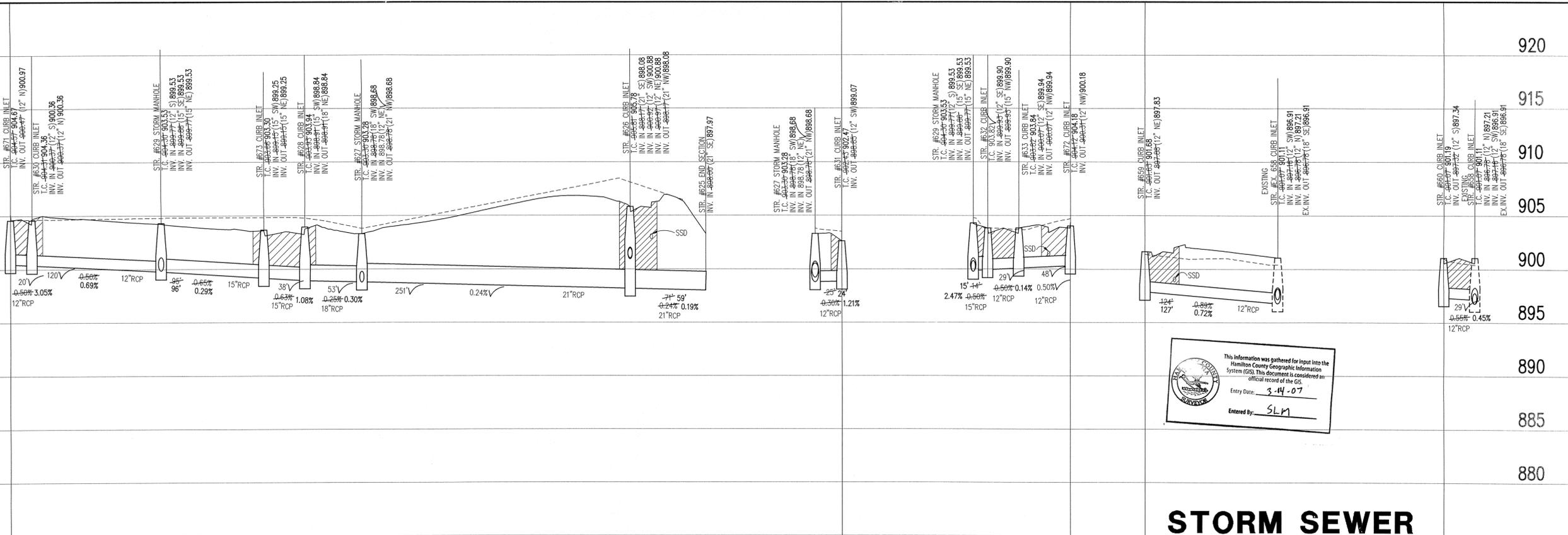
**LEGEND/DETAILS**

Sheet	Detail Number	Description
C603	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C603	5	Straight Curb Inlet Detail
C603	4	Beehive Inlet Detail
C603	2,3	Storm Manhole Detail
C603	8	Precast Concrete End Section
C603	9	RipRap Detail @ End Section

**REVISIONS:**  
1. BET. 1/07/05, REVISED PER TAC COMMENTS.  
2. BET. 3/29/05, REVISED TO REMOVE VALLEY OUTLETS.  
3. BET. 4/29/05, REVISED TO REMOVE ANY DIRECTIONS.  
4. BET. 8/29/05, RECORD DRAWING.

STORM SEWER PLAN

SCALE: 1"=50'



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: 3-14-07  
Entered By: SLM

STORM SEWER  
RECORD DRAWING

STORM SEWER PROFILE

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

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

BRANDON T. BURKE  
REGISTERED  
No. 10000075  
STATE OF INDIANA  
PROFESSIONAL ENGINEER  
BRANDON T. BURKE  
DATE: 10/05/04  
THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.  
© COPYRIGHTED BY THE SCHNEIDER CORP. (2004)

**Schneider**  
THE SCHNEIDER CORPORATION  
12821 E. New Market Street  
Suite 100  
Carmel, IN 46032  
Telephone: 317.569.8112  
Fax: 317.826.6410  
www.schneidercorp.com  
Architecture  
Civil Engineering  
Environmental Engineering  
Geotechnical Services  
GIS \* LIS  
Home Builder Services  
Interior Design  
Land Surveying  
Landscape Architecture  
Transportation Engineering

Village of WestClay  
SECTION 5002  
CARMEL, INDIANA  
BRENNICK DEVELOPMENT CO.  
CARMEL, INDIANA

DATE: 10/05/04  
PROJECT NO.: 1238.5002  
DRAWN BY: DCC  
CHECKED BY:  
SHEET TITLE: STORM SEWER PLAN & PROFILE  
DRAWING FILES:  
N:\238\5002\DWG\C601-602.DWG  
XREF: 500-BS.DWG  
XREF: 500-BS.DWG  
XREF: 500-BS.DWG  
XREF: STORM.DWG

SHEET NO.:  
**C601**

HOLEY MOLEY SAYS  
**"DON'T  
 DIG  
 BLIND"**

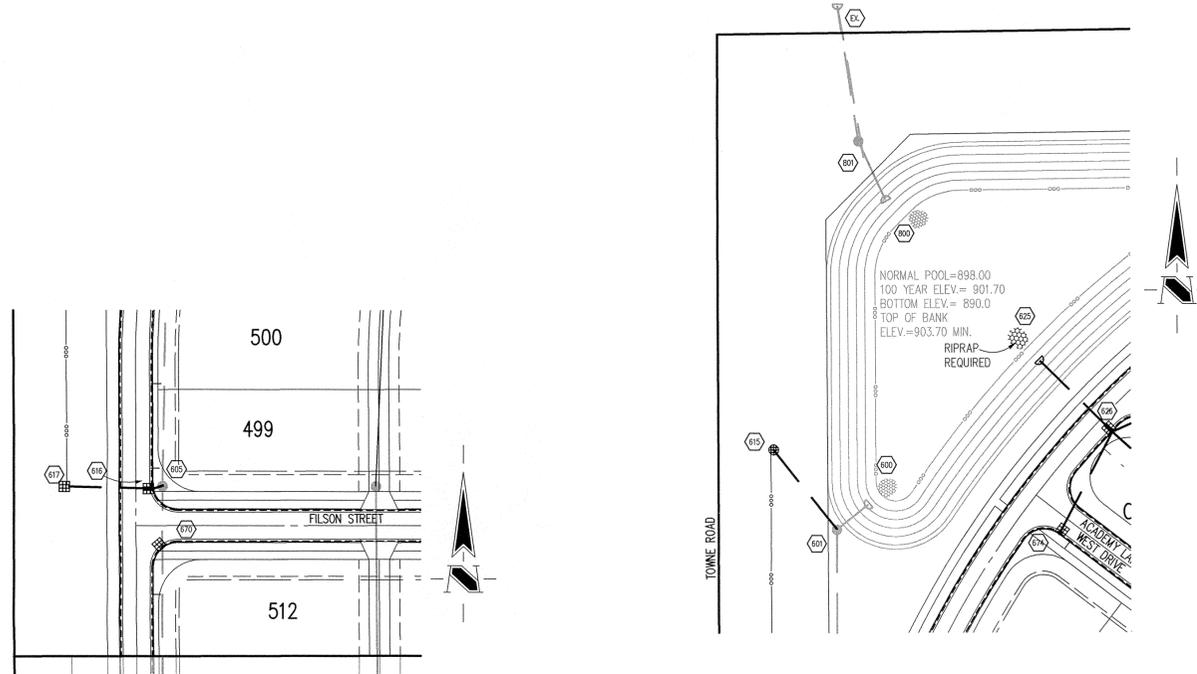


**"IT'S THE LAW"**  
 CALL 2 WORKING DAYS BEFORE YOU DIG  
**1-800-382-5544**  
 CALL TOLL FREE  
 PER INDIANA STATE LAW 15-59-1991,  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

**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 O.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.

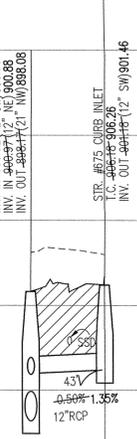
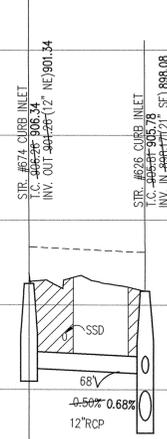
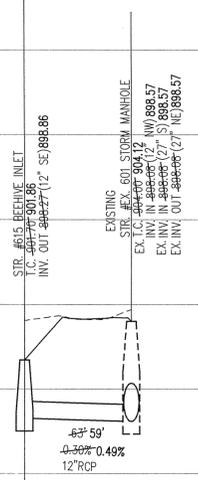
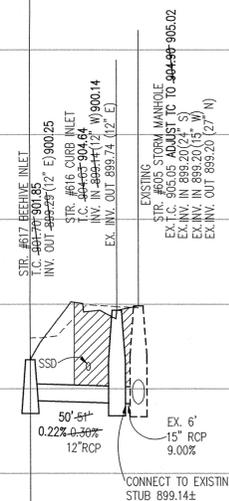
Sheet Number	Description
C803 1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803 5	Straight Curb Inlet Detail
C803 4	Beehive Inlet Detail
C803 2,3	Storm Manhole Detail
C803 8	Precast Concrete End Section
C803 9	RipRap Detail @ End Section



**STORM SEWER PLAN**

SCALE: 1"=50'

920				920
915				915
910				910
905				905
900				900
895				895
890				890
885				885
880				880



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 3-14-07  
 Entered By: SLM

**STORM SEWER  
 RECORD DRAWING**

**STORM SEWER PROFILE**

LEGEND		
	Existing Grade	
	New Grade	
	Granular Backfill	

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

REVISIONS:  
 1. E.L.T. 1/07/04, REVISED PER IAC COMMENTS.  
 2. E.L.T. 3/29/04, REVISED TO REMAIN VALLEY OUTTERS.  
 3. E.L.T. 6/29/04, RECORD DRAWING.

BRANDON T. BURKE  
 REGISTERED  
 No. 10000075  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

*Brandon T. Burke*  
 DATE: 10/05/04

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.  
 © COPYRIGHTED BY THE SCHNEIDER CORP. (2004)



**Schneider**

THE SCHNEIDER CORPORATION  
 12821 E. New Market Street  
 Suite 100  
 Carmel, IN 46032  
 Telephone: 317.569.8112  
 Fax: 317.826.6410  
 www.schneidercorp.com

Architecture  
 Civil Engineering  
 Environmental Engineering  
 Geotechnical Services  
 GIS • LIS  
 Home Builder Services  
 Interior Design  
 Land Surveying  
 Landscape Architecture  
 Transportation Engineering

Village of WestClay  
 SECTION 5002  
 CARMEL, INDIANA

BRENNICK DEVELOPMENT CO.  
 CARMEL, INDIANA

DATE: 10/05/04	PROJECT NO.: 1238.5002
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\5002\DWGS\C601-602.DWG XREF: 5001-B5.DWG XREF: 5002-B5.DWG XREF: 5003-B5.DWG XREF: STORM.DWG	

SHEET NO.: C602