



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 11, 2005

TO: Hamilton County Drainage Board

RE: Village of West Clay, Section 12002-B 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 12002-B 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	352 ft.	18" RCP	277 ft.
15" RCP	450 ft.		

The total length of the drain will be 1,079 feet.

The retention pond (Hourglass Lake) which abuts lots 227 and 228 is not to be considered part of the regulated drain for maintenance purposes. Only the inlets and outlet will be maintained as part of the regulated drain. The maintenance of the pond (Hourglass 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 \$2,917.20.

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: February 9, 2005	Date: February 9, 2005
Number: 5015371	Number: 5015370
For: Storm Sewers	For: Erosion Control
Amount: \$82,800.00	Amount: \$57,600.00

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 12002-B 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

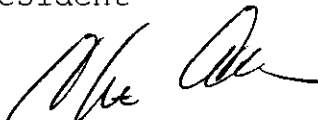
**FINDINGS AND ORDER**  
**CONCERNING THE MAINTENANCE OF THE**  
**Village of West Clay Drain, Section 12002B Arm**

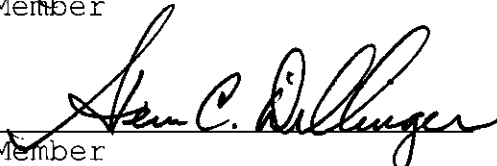
On this **24th day of October 2005**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Village of West Clay Drain, Section 12002B Arm**

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:   
\_\_\_\_\_  
Lynette Masbaum

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: Village of West Clay Section 12002-B

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:  Date: 10/10/05

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**

**June 25, 2009**

**Re: Village of West Clay: Section 12002B**

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 12002B. 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 11, 2005. The report was approved by the Board at the hearing held October 24, 2005. (See Drainage Board Minutes Book 8, Pages 468-469) The changes are as follows:

<b>Structure:</b>	<b>Length:</b>	<b>Size</b>	<b>Material:</b>	<b>Up Invert:</b>	<b>Dn Invert</b>	<b>Grade:</b>	<b>Changes(ft):</b>
G612-G611	29	12	RCP	885.5	884.98	1.79	0
G611-G610	113	12	RCP	885.5	884.98	0.86	-2
G604-G603	35	12	RCP	886.92	885.85	3.06	0
G603-G602	234	15	RCP	885.45	884.6	0.36	-1
G602-G601	29	15	RCP	884.6	884.51	0.31	0
G601-G601A	154	18	RCP	884.51	884.12	0.25	0
G601A-G600	39	18	RCP	884.12	884.04	0.21	-1
G605-G602	123	12	RCP	885.65	884.6	0.85	1
G606-G602	50	12	RCP	885.18	884.6	1.16	-1
G628-G627	184	15	RCP	884.94	884.23	0.39	-2
G627-626	29	18	RCP	884.23	883.97	0.25	0
G626-625	79	18	RCP	884.17	883.97	0.25	25

The length of the drain due to the changes described above is now **1,098 feet**.

The non-enforcement was approved by the Board at its meeting on October 24, 2005 and recorded under instrument #200500074268.

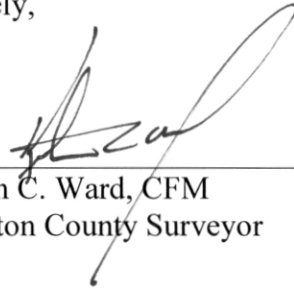
The following sureties were guaranteed by Bond Safeguard Insurance Co and expired on February 9, 2007.

**Bond-LC No:** 5015371  
**Insured For:** Storm Sewers  
**Amount:** \$82,800.00  
**Issue Date:** February 9, 2005

**Bond-LC No:** 5015370  
**Insured For:** Erosion Control  
**Amount:** \$57,600.00  
**Issue Date:** February 9, 2005

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

Sincerely,

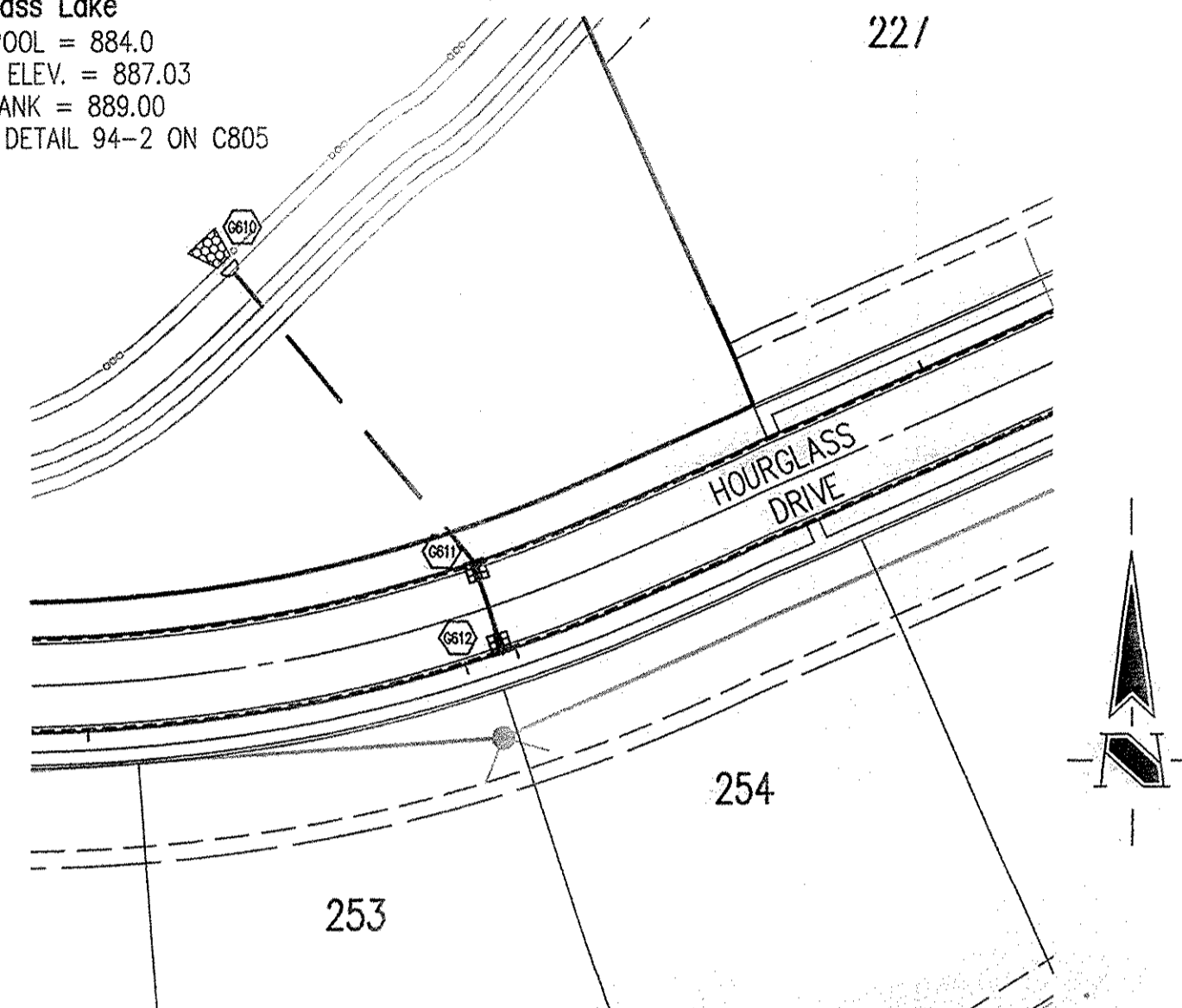


Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm



Existing  
Village of WestClay  
Hourglass Lake  
NORMAL POOL = 884.0  
100 YEAR ELEV. = 887.03  
TOP OF BANK = 889.00  
SEE CROSS SECTION DETAIL 94-2 ON C805

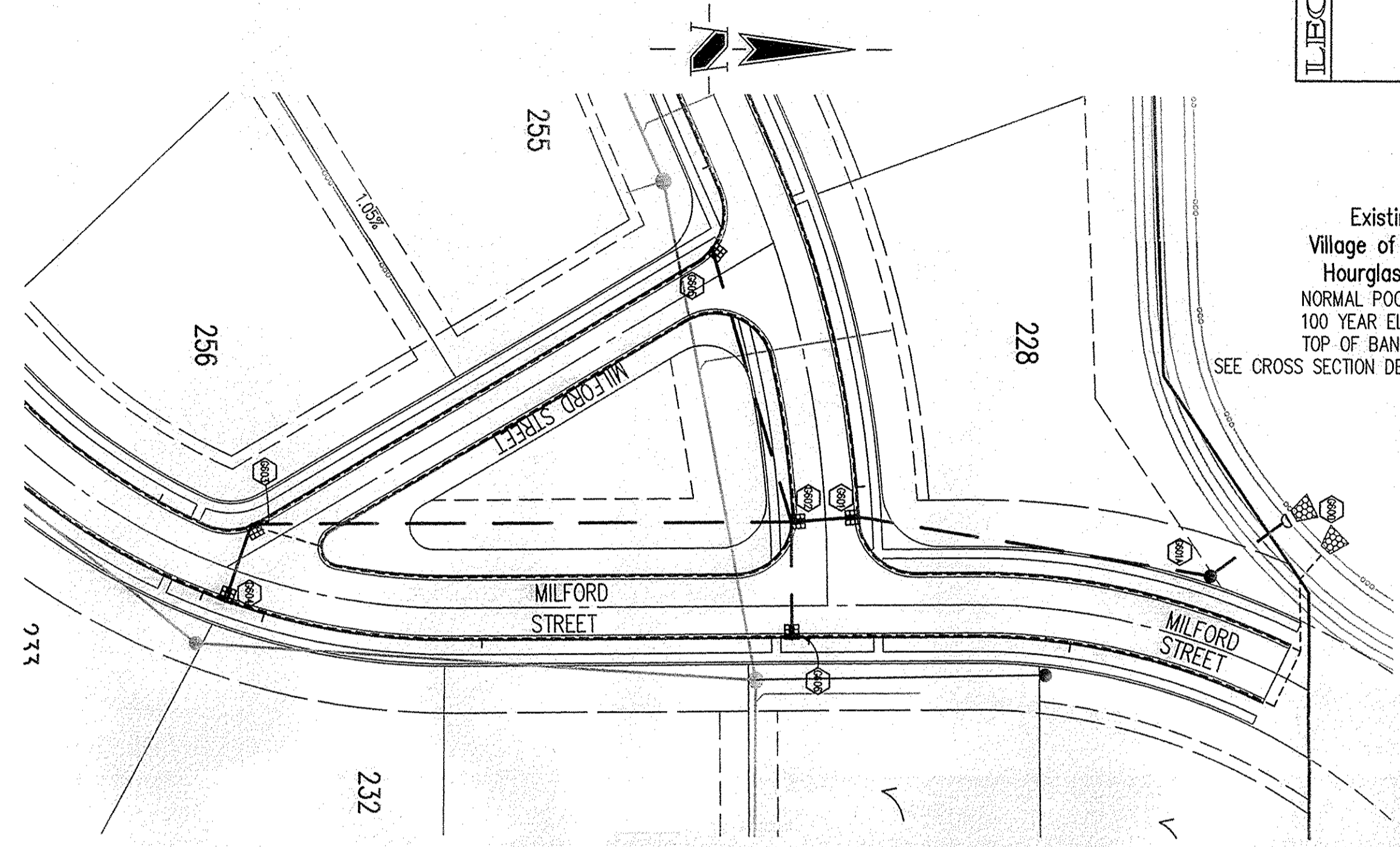


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: June 2009  
Entered by: SLM

Sheet	Detail Number	Description
C803	3	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803	10	Special Straight Curb Inlet
C803	6	Beehive Inlet Detail
C803	5/7	Storm Manhole Detail
C803	1	Precast Concrete End Section
C803	2	Rip Rap Detail

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 36-58-1991,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

Existing  
Village of WestClay  
Hourglass Lake  
NORMAL POOL = 884.0  
100 YEAR ELEV. = 887.03  
TOP OF BANK = 889.00  
SEE CROSS SECTION DETAIL 94-2 ON C805



GENERAL NOTES

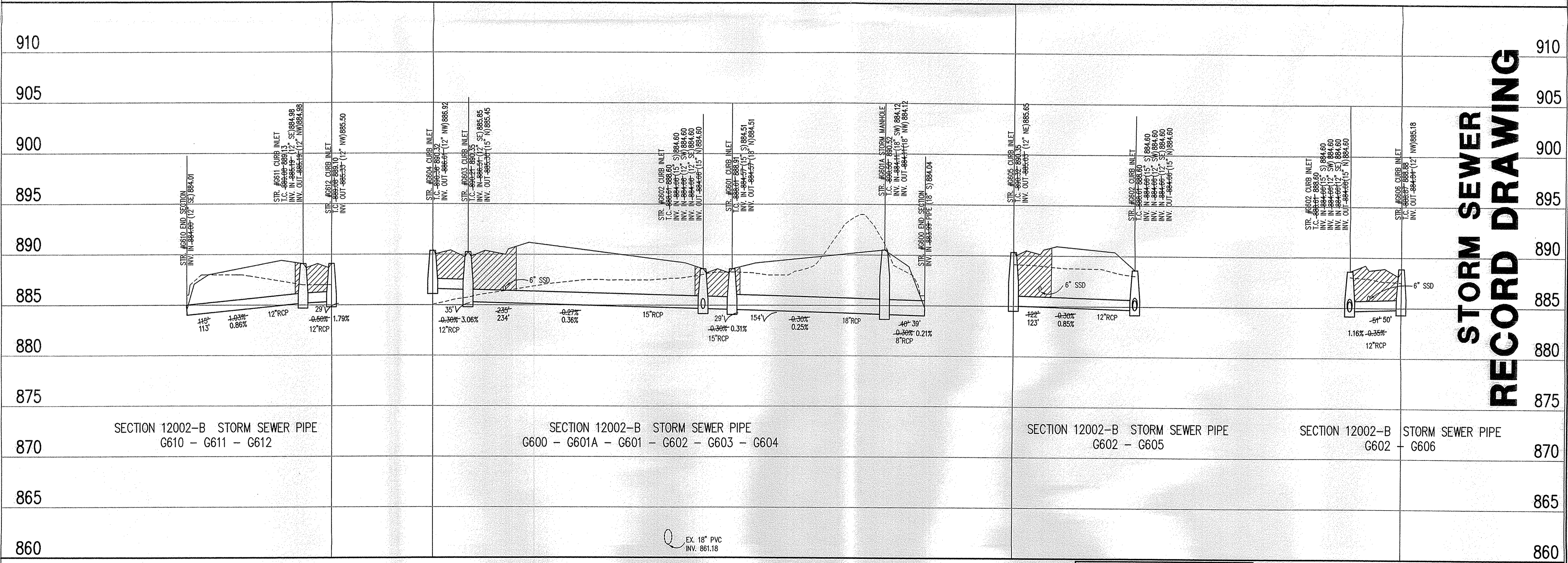
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS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

BENCHMARK

TBM #44  
USGS BENCHMARK  
CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
FARM ENTRANCE.  
ELEVATION - 893.39

STORM SEWER PLAN

SCALE: 1"=50'



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  
Branch T. Burke  
DATE: 01/07/05  
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

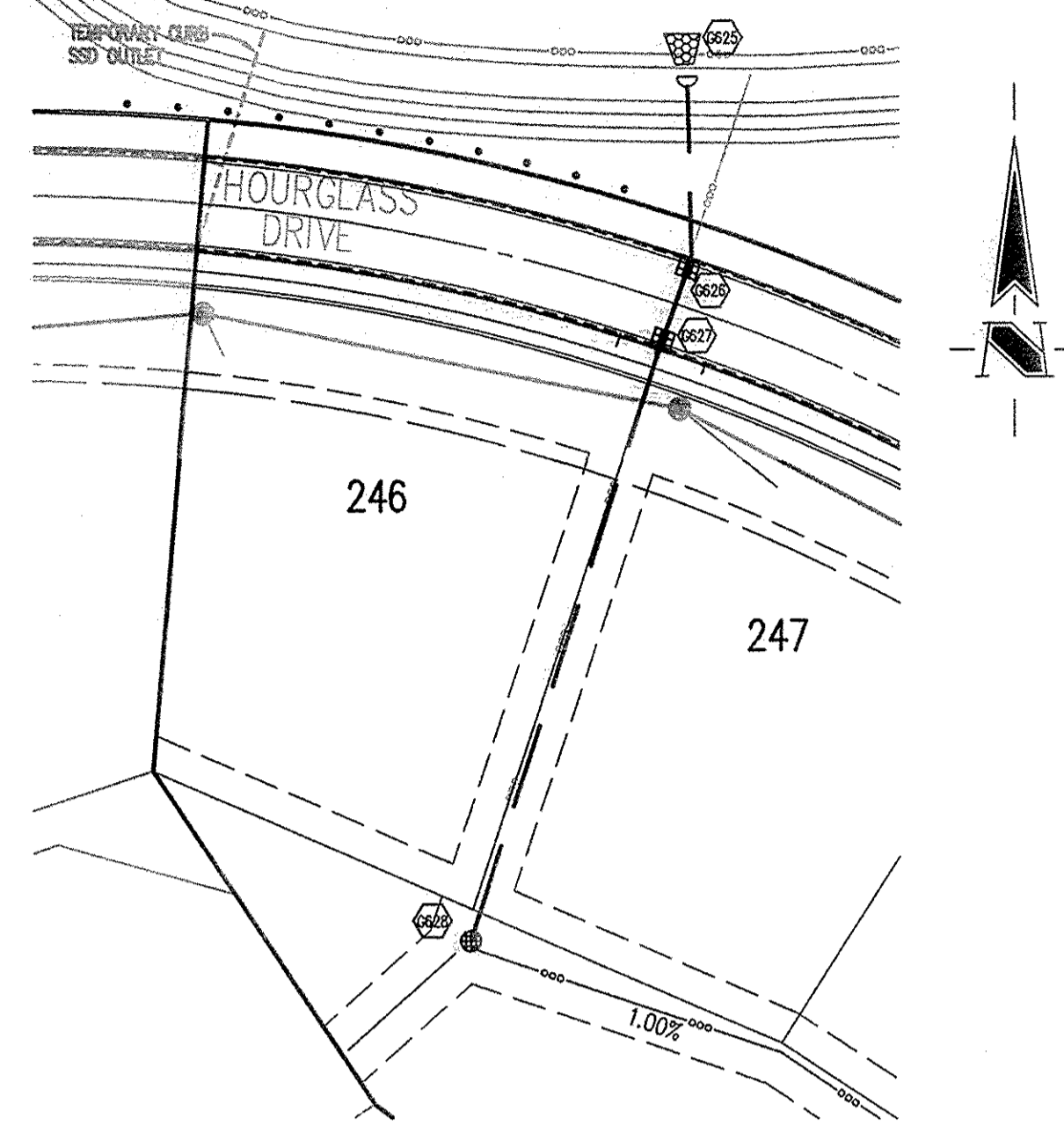
Village of WestClay  
SECTION 12002-B  
CARMEL, INDIANA  
BRENTWICK DEVELOPMENT CO.  
CARMEL, INDIANA

DATE: 01/07/05	PROJECT NO.: 1238.1202
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN AND PROFILE	
DRAWING FILES: N:\1238\1202\DWGS\1202-B\C601-602.DWG XREF: 1202ABS.DWG XREF: 1202BBS.DWG XREF: 100RBS.DWG XREF: 1201BS.DWG XREF: STORM.DWG	

SHEET NO.: C601



Existing  
Village of WestClay  
Hourglass Lake  
NORMAL POOL = 884.0  
100 YEAR ELEV. = 887.03  
TOP OF BANK = 889.00  
SEE CROSS SECTION DETAIL 94-2 ON C805



Sheet	Detail Number	Description
C803	3	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803	10	Special Straight Curb Inlet
C803	6	Beehive Inlet Detail
C803	5/7	Storm Manhole Detail
C803	1	Precast Concrete End Section
C803	2	Rip Rap Detail

LEGEND/DETAILS

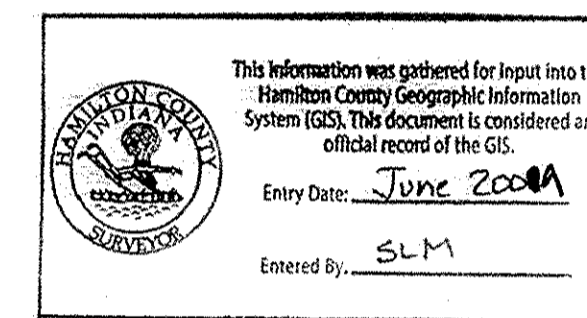
NOTE

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.

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.

BENCHMARK



TBM #44  
USGS BENCHMARK  
CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
FARM ENTRANCE.  
ELEVATION - 893.39

STORM SEWER PLAN

SCALE: 1"=50'

910

905

900

895

890

885

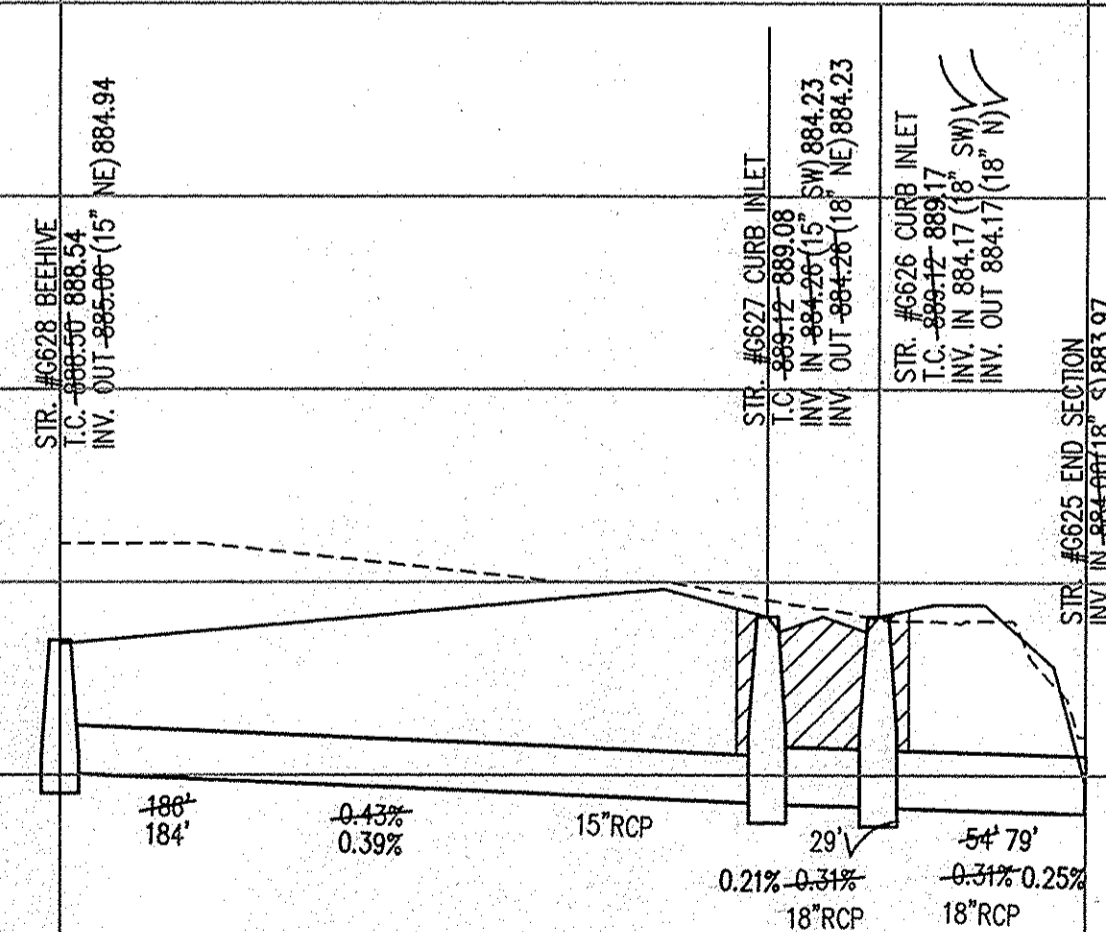
880

875

870

865

860



SECTION 12002-B STORM SEWER PIPE  
G625 - G626 - G627 - G628

EX. 18" PVC  
INV. 863.73

STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND		

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

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

*Brandon T. Burke*

DATE: 01/07/05

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)

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 12002-B  
CARMEL, INDIANA  
BRENNICK DEVELOPMENT CO.  
CARMEL, INDIANA

DATE: 01/07/05	PROJECT NO.: 1238.1202
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN AND PROFILE	
DRAWING FILES: N:\1238\1202\DWG\1202-B\C601-602.DWG XREF: 1202BS.DWG XREF: 1009BS.DWG XREF: 1201BS.DWG XREF: STORM.DWG	

SHEET NO.:  
**C602**