

SURVEYOR'S OFFICE

Hamilton County

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

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

October 23, 2006

To: Hamilton County Drainage Board

Re: Village of West Clay Section 6003 and Commercial Area

Attached is a petition filed by Brenwick Development along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 6003 and Commercial Area 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	47 ft.	21" RCP	268 ft.	30" RCP	250 ft.
15" RCP	509 ft.	24" RCP	161 ft.	36" RCP	264 ft.
18" RCP	165 ft.	27" RCP	46 ft.		

The total length of the drain will be 1,710 feet.

The retention pond (Harleston Pond) which is located in the southwest corner of the intersection of 131st Street and Towne Road 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).

The following parcel should be added to the assessment rolls for The Village of West Clay Drain, as this area will be developed as Section 6003 of the Village of West Clay in the future:

<u>Parcel</u>	<u>Owner</u>	<u>Acreage</u>
17-09-29-00-00-012.001	Brenwick TND Communities, LLC	33.08

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 \$357.12.

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 Company
Date: July 8, 2005
Number: 5016982
For: Storm Sewers
Amount: \$175,843.00

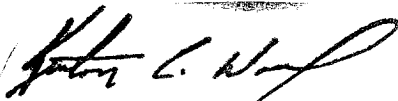
Agent: Bond Safeguard Insurance Company
Date: July 8, 2005
Number: 5016983
For: Erosion Control
Amount: \$48,000

Parcels assessed for this drain may be assessed for the Long Branch, Collins-Osborn or Williams Creek Drain. Part of the parcels assessed for this drain will also be assessed for the Elliott Creek Drain and the other part of the parcels for the drain will also be assessed for the J.W. Brendel 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.

The easements for this drain will be 75 feet each direction from the centerline of the pipe. These easements will be reduced in the future when this area is platted.

I recommend the Board set a hearing for this proposed drain for November 27, 2006.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

In the matter of Village of WestClay Subdivision, Section
Pettigru Drive 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 Village of WestClay, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

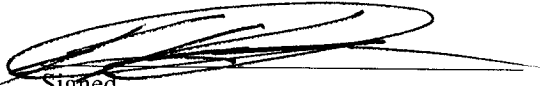
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

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

RECORDED OWNER(S) OF LAND INVOLVED


Signed _____

Signed _____

KAREN KRULIK AGENT TO OWNER,
Printed Name
BREWICK TND COMMUNITIES, LLC

Printed Name
STEEB, LLC

7/7/05
Date _____

Date _____

Signed _____

Signed _____

Printed Name _____

Printed Name _____

Date _____

Date _____

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Village of West Clay Drain, Section 6003 and Commercial Area

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **November 27, 2006** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Village of West Clay Drain, Section 6003 and Commercial Area

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Village of West Clay Drain, Section 6003 and Commercial Area** on **November 27, 2006** at **9:45 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

FINDINGS AND ORDER

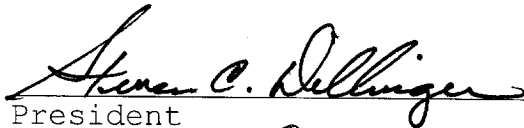
CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain, Section 6003 and Commercial Area

On this **27th day of November, 2006**, 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 6003 and Commercial Area**.

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: 



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

April 17, 2009

Re: Village of West Clay: Section 6003 & Commercial

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay: Section 6003 & Commercial. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated October 23, 2006. The report was approved by the Board at the hearing held November 27, 2006. (See Drainage Board Minutes Book 9, Pages 567-569) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
746-745	130	15	RCP	901.84	901.34	0.38	1
745-741	107	21	RCP	901.34	901.1	0.22	
741-740a	77	30	RCP	901.1	900.66	0.57	-2
740a-726	172	30	RCP	900.66	900.4	0.15	1
743-742	263	36	RCP	900.4	899.88	0.2	-1
742-741	129	15	RCP	901.45	901.23	0.17	
742-741	41	18	RCP	901.23	901.1	0.32	-1
775-774	125	18	RCP	899.86	899.36	0.4	1
774-773	49	21	RCP	899.36	899.15	0.43	
773-772	111	21	RCP	899.15	898.76	0.35	
772-771	159	24	RCP	898.76	898.24	0.33	-2
780-771	55	12	RCP	900.7	900.54	0.29	8
771-770	27	27	RCP	898.24	898.2	0.15	-20
767-766	233	15	RCP	898.52	898.04	0.21	-23

RCP Pipe Totals:

12	55
15	492
18	166
21	267
24	159
27	27

30	249
36	263
Total:	<u>1678</u>

The length of the drain due to the changes described above is now **1678 feet**.

The non-enforcement was approved by the Board at its meeting on March 12, 2007 and recorded under instrument #2007014121.

The following sureties were guaranteed by Bond Safeguard Insurance Company and expired on July 8, 2007.

Bond-LC No: 5016982

Insured For: Storm Sewers

Amount: \$175,843.00

Issue Date: July 8, 2005

Bond-LC No: 5016983

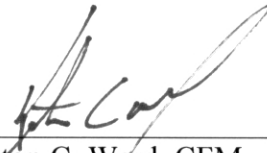
Insured For: Erosion Control

Amount: \$48,000.00

Issue Date: July 8, 2005

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

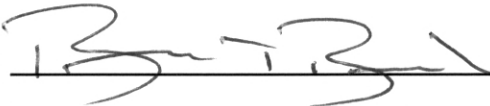
KCW/slm

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR
RE: Village of West Clay Pettigru Drive

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: 3/30/07

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

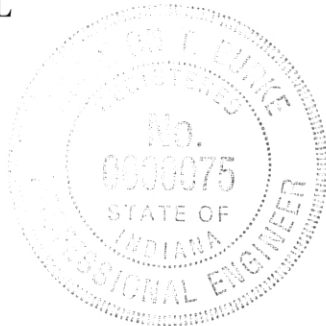
Business /Address: The Schneider Corporation
12821 E. New Market Street, Suite 301, Carmel, IN 46032

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 10000075

SEAL



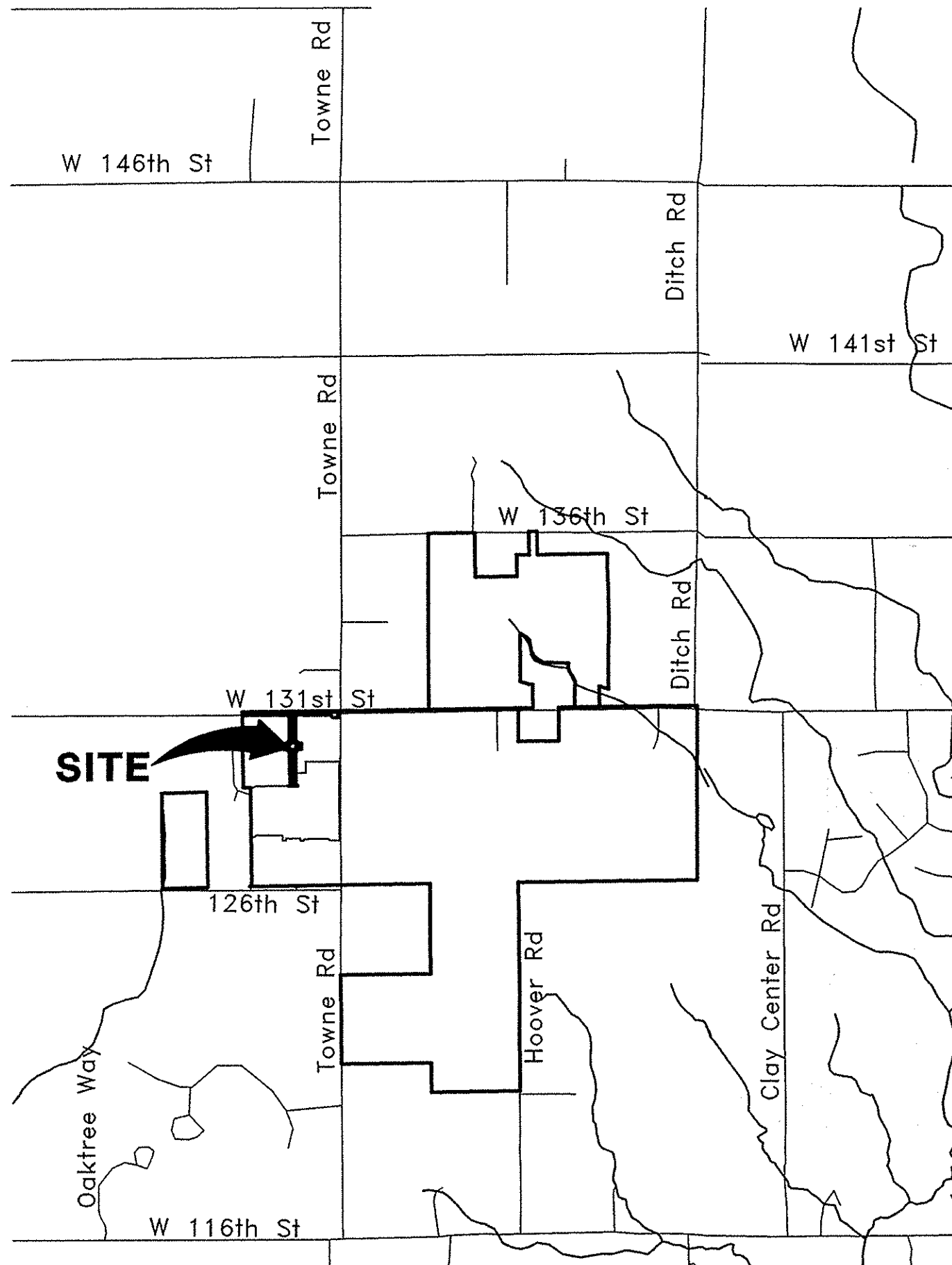
SEC. 29-T18N-R3E

VILLAGE OF WESTCLAY PETTIGRU DRIVE

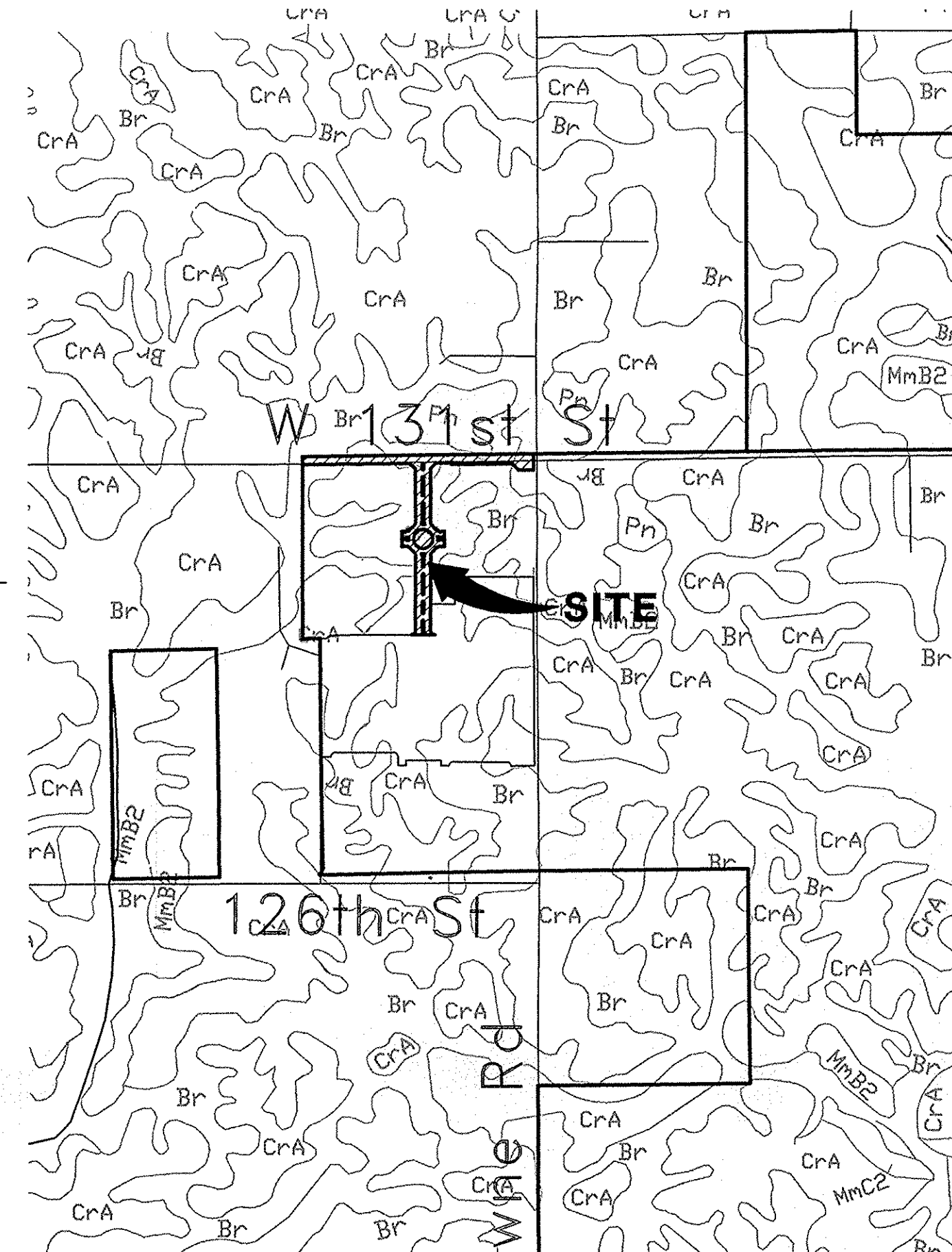
(CONSTRUCTION PLANS)
HAMILTON COUNTY
CARMEL, INDIANA

SANITARY SEWER
STORM SEWER
RECORD DRAWING

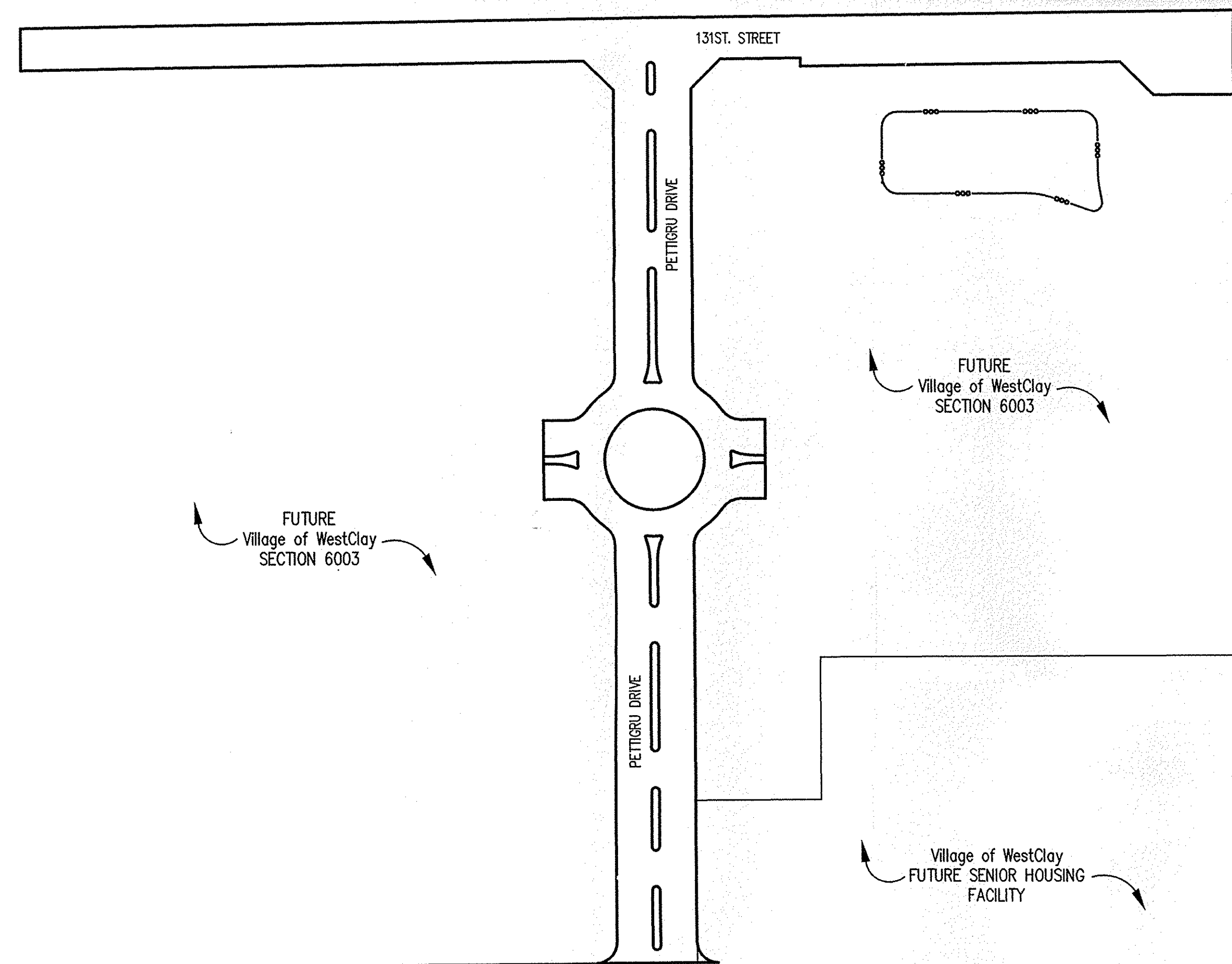
DEVELOPER:
BRENWICK DEVELOPMENT CO.
12821 E. NEW MARKET STREET, SUITE 200
CARMEL, INDIANA 46032
[317] 574-3400
[317] 574-3919 FAX



AREA MAP
NOT TO SCALE



SOILS MAP
NOT TO SCALE



SITE MAP
SCALE: 1" = 120'

**ROADWAY DESIGN
SPEED = 20MPH**

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101	DEVELOPMENT PLAN
C102	STORMWATER POLLUTION PREVENTION PLAN
C103	TRAFFIC CONTROL PLAN
C201	STREET PLAN & PROFILE
C301	ENTRANCE PLAN
C302	MAINTENANCE OF TRAFFIC PLAN
C303-C304	INTERSECTION & ROUNDABOUT DETAILS
C401	SANITARY SEWER PLAN & PROFILE
C601-603	STORM SEWER PLAN & PROFILE
C701	WATER DISTRIBUTION PLAN
C702	WATER DETAILS & SPECIFICATIONS
C801	STREET DETAILS
C802	SANITARY SEWER DETAILS
C803	STORM SEWER DETAILS
C804-C805	STORMWATER POLLUTION PREVENTION DETAILS & SPECIFICATIONS
C806	HAMILTON COUNTY DETAILS
C901	SPECIFICATIONS

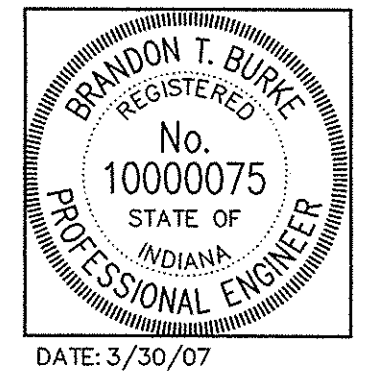


12821 E. New Market Street
Suite 100
Carmel, IN 46032
Telephone: 317.569.8112
Fax: 317.826.6410
www.schneidercorp.com

Architecture
Civil Engineering
Environmental Engineering
Geotechnical Services
GIS * LIS
Home Builder Services

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY:
Brandon T. Burke
THE SCHNEIDER CORPORATION
12821 EAST NEW MARKET STREET, SUITE 301
CARMEL, INDIANA 46032
(317) 569-8112 FAX (317) 826-6410

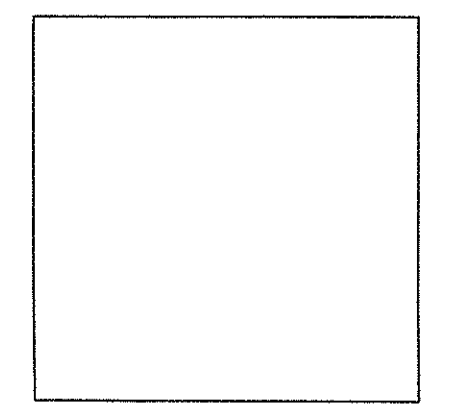


DATE: 3/30/07

DATE	BY	DESCRIPTION
5/20/05	DOC	ALL SHEETS
5/24/05	BET	ALL SHEETS
7/2/05	JLF	REVISED SHEET C103
8/9/05	DOC	ALL SHEETS
10/07/05	BET	C101, C301, C802 & C701
10/12/05	BET	C401
10/21/05	DOC	C303 & C304
3/1/06	BET	ALL SHEETS
3/17/06	JLF	C304
4/3/06	BET	ALL SHEETS
4/21/06	DOC	ALL SHEETS
3/30/07	BET	"RECORD DRAWING"

CERTIFIED BY: BRANDON T. BURKE
E-MAIL ADDRESS: bburke@schneidercorp.com

Interior Design
Land Surveying
Landscape Architecture
Transportation Engineering



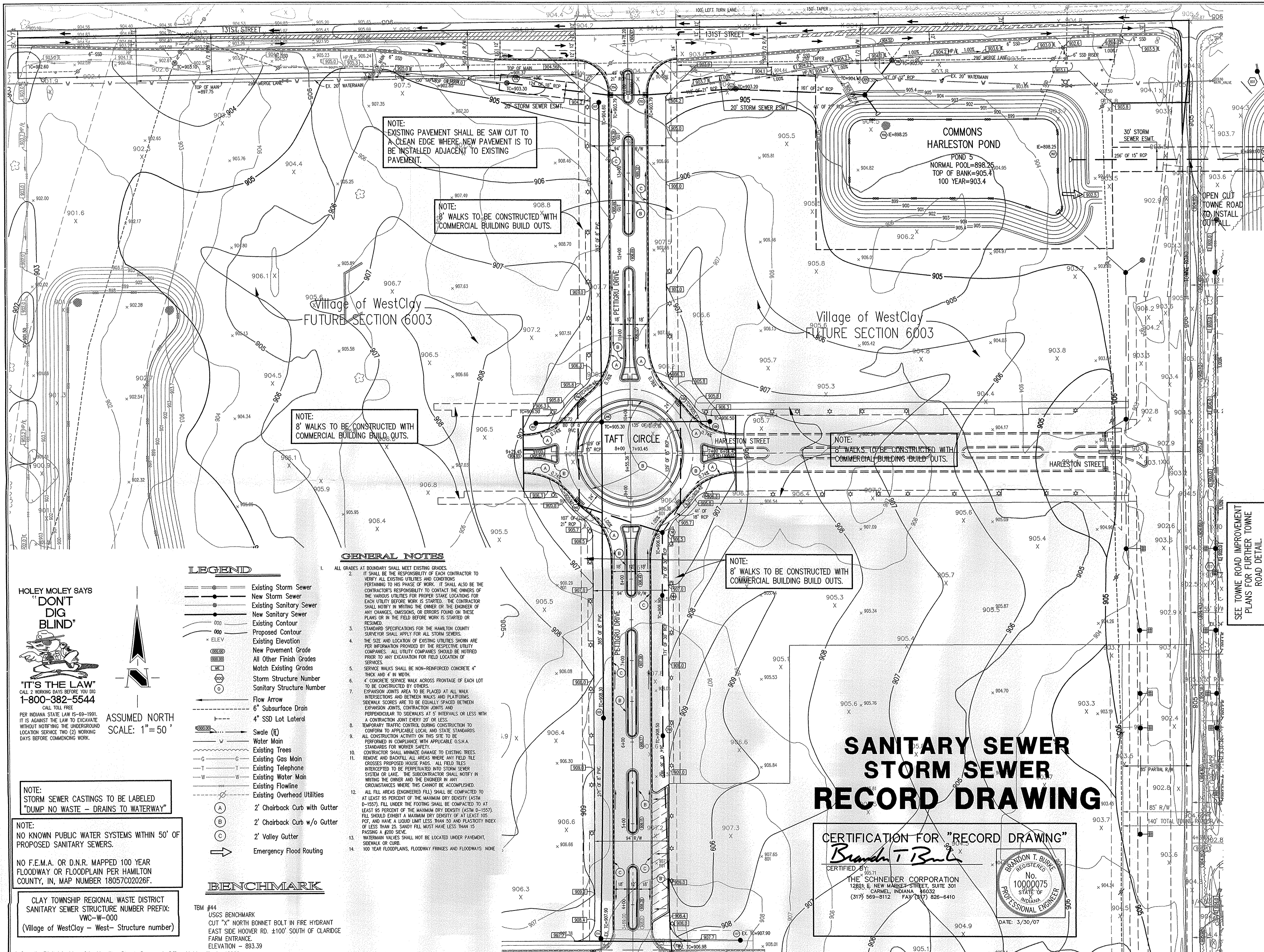
DATE: 03/01/05

PROJECT ENGINEER: _____
CHECKED BY: _____ DATE CHECKED: _____

© 2005, The Schneider Corporation

JOB No. 1238.6001

SHEET
C100
OF
22



NOTE:
EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN EDGE WHERE NEW PAVEMENT IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT.

NOTE:
8' WALKS TO BE CONSTRUCTED WITH COMMERCIAL BUILDING BUILD OUTS.

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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 HAMILTON COUNTY SURVEYOR SHALL APPLY FOR ALL STORM SEWERS.
- THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER 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.
- 4" 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 (ENGINEERED FILL) 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). FILL SHOULD EXHIBIT A MAXIMUM DRY DENSITY OF AT LEAST 105 PCF, AND HAVE A LIQUID LIMIT LESS THAN 50 AND PLASTICITY INDEX OF LESS THAN 25. SANDY FILL MUST HAVE LESS THAN 15 PASSING A #200 SIEVE.
- WATERMAIN VALVES SHALL NOT BE LOCATED UNDER PAVEMENT, SIDEWALK OR CURB.
- 100 YEAR FLOODPLANS, FLOODWAY FRINGS AND FLOODWAYS: NONE

- LEGEND**
- Existing Storm Sewer
 - New Storm Sewer
 - Existing Sanitary Sewer
 - New Sanitary Sewer
 - Existing Contour
 - Proposed Contour
 - Existing Elevation
 - New Pavement Grade
 - All Other Finish Grades
 - Match Existing Grades
 - Storm Structure Number
 - Sanitary Structure Number
 - Flow Arrow
 - 6" Subsurface Drain
 - 4" SSD Lot Lateral
 - Swale (H)
 - Water Main
 - Existing Trees
 - Existing Gas Main
 - Existing Telephone
 - Existing Water Main
 - Existing Flowline
 - Existing Overhead Utilities
 - 2' Chairback Curb with Gutter
 - 2' Chairback Curb w/o Gutter
 - 2' Valley Gutter
 - Emergency Flood Routing

ASSUMED NORTH
SCALE: 1"=50'

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.

NOTE:
STORM SEWER CASTINGS TO BE LABELED "DUMP NO WASTE - DRAINS TO WATERWAY"

NOTE:
NO KNOWN PUBLIC WATER SYSTEMS WITHIN 50' OF PROPOSED SANITARY SEWERS.

NO F.E.M.A. OR D.N.R. MAPPED 100 YEAR FLOODWAY OR FLOODPLAIN PER HAMILTON COUNTY, IN, MAP NUMBER 18057/002026F.

CLAY TOWNSHIP REGIONAL WASTE DISTRICT
SANITARY SEWER STRUCTURE NUMBER PREFIX:
VMC-W-000
(Village of WestClay - West - Structure number)

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

**SANITARY SEWER
STORM SEWER
RECORD DRAWING**

CERTIFICATION FOR "RECORD DRAWING"

Brandon T. Burke

CERTIFIED BY:

THE SCHNEIDER CORPORATION
12821 E. NEW MARKET STREET, SUITE 301
CARMEL, INDIANA 46032
(317) 569-8112 FAX (317) 826-6410

DATE: 3/30/07

PROFESSIONAL ENGINEER

REVISIONS TO BE MADE PER THE COMMENTS AND CLARIFICATIONS FROM ANY CHANGES:
1. DATE: 5/20/05; REVISION: POND AND UPDATED SURROUNDING STORM; ADDED FLOODWAY AND WALK GRADING AREA
2. DATE: 5/24/05; REVISION: PER CITY OF CARMEL COMMENTS
3. DATE: 6/20/05; REVISION: POND AND REVISION TO REVISION GREEN AND WALK GRADING AREA
4. DATE: 8/17/05; REVISION: ENTRANCE AND STORM SEWER
5. DATE: 10/10/05; REVISION: PARALLEL TO SIDEWALK CROSSING
6. DATE: 4/7/06; REVISION: HARLESTON POND SHAPE PER CLIENT
7. DATE: 4/7/06; REVISION: HARLESTON POND SHAPE PER CLIENT
8. DATE: 4/7/06; REVISION: RECORD DRAWING
9. DATE: 3/30/07

DATE:
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.
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Schneider

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Fax: 317.826.6410
www.schneidercorp.com

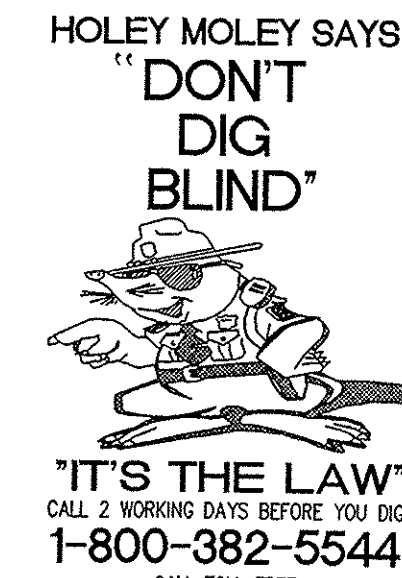
Architecture
Civil Engineering
Environmental Engineering
Geotechnical Services
GIS • LIS
Home Builder Services
Interior Design
Land Surveying
Landscape Architecture
Transportation Engineering

Village of WestClay
PETTIGRU DRIVE
CARMEL, INDIANA
BRENWICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 3/1/05 PROJECT NO: 1238.6001
DRAWN BY: DCC CHECKED BY:
SHEET TITLE: DEVELOPMENT PLAN
DRAWING FILES: N:\1238\6001\DWG\PETTIGRU\C101.DWG
REF: 6001-BS.DWG, 6002-SS.DWG
REF: CA12.DWG, CA21.DWG
REF: PETTRU-BS.DWG
REF: HARLESTON-BS.DWG
SHEET NO: C101

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 CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.
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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.

Sheet	Detail Number	Description
C803	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803	3	Chairback Curb Inlet Detail
C803	4	Beehive Inlet Detail
C803	2	Storm Manhole Detail
C803	5	Precast Concrete End Section
C803	6	RipRap Detail @ End Section

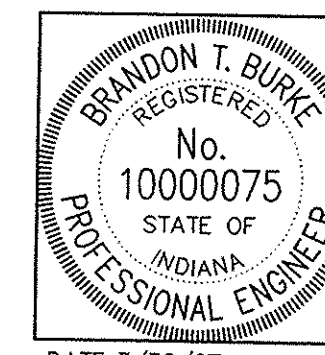
BENCHMARK

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

CERTIFICATION FOR "RECORD DRAWING"

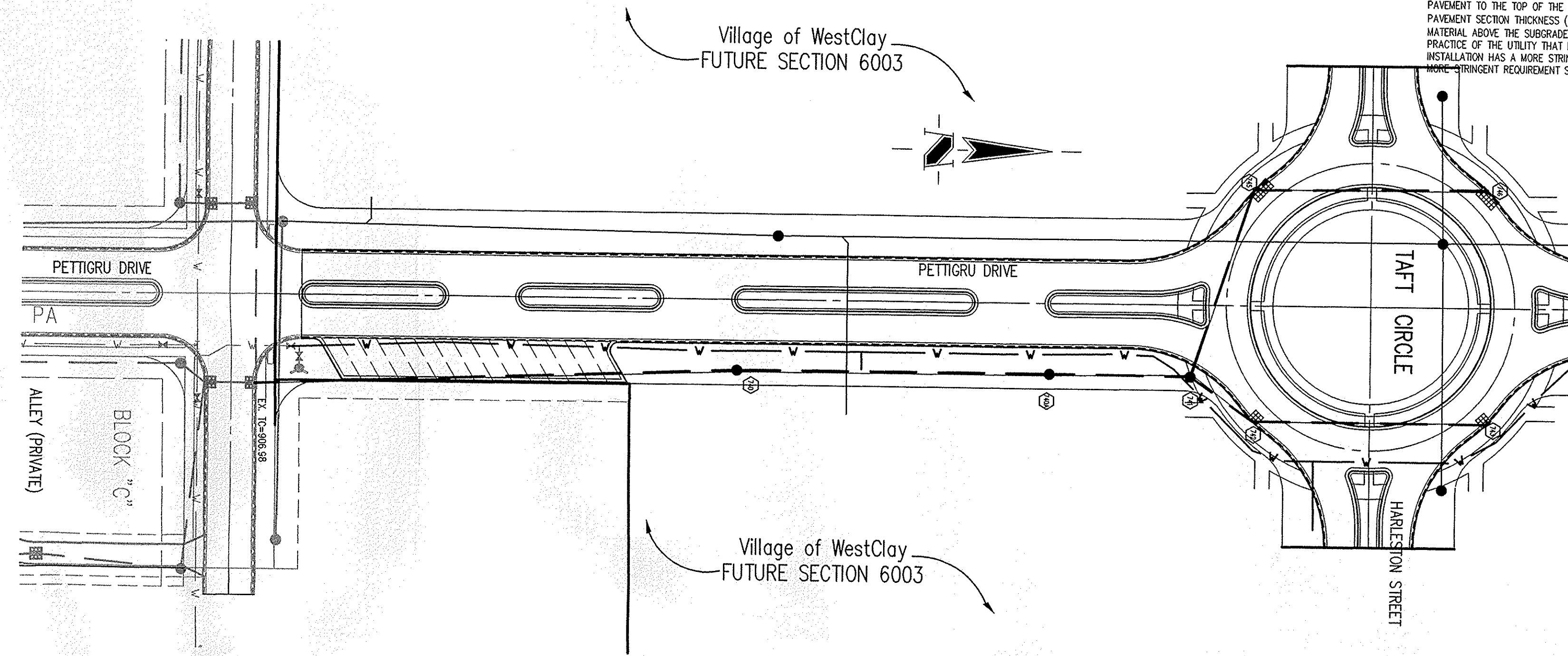
Brandon T. Burke
CERTIFIED BY:

THE SCHNEIDER CORPORATION
12821 EAST NEW MARKET STREET, SUITE 301
CARMEL, INDIANA 46032
(317) 569-8112 FAX (317) 826-6410



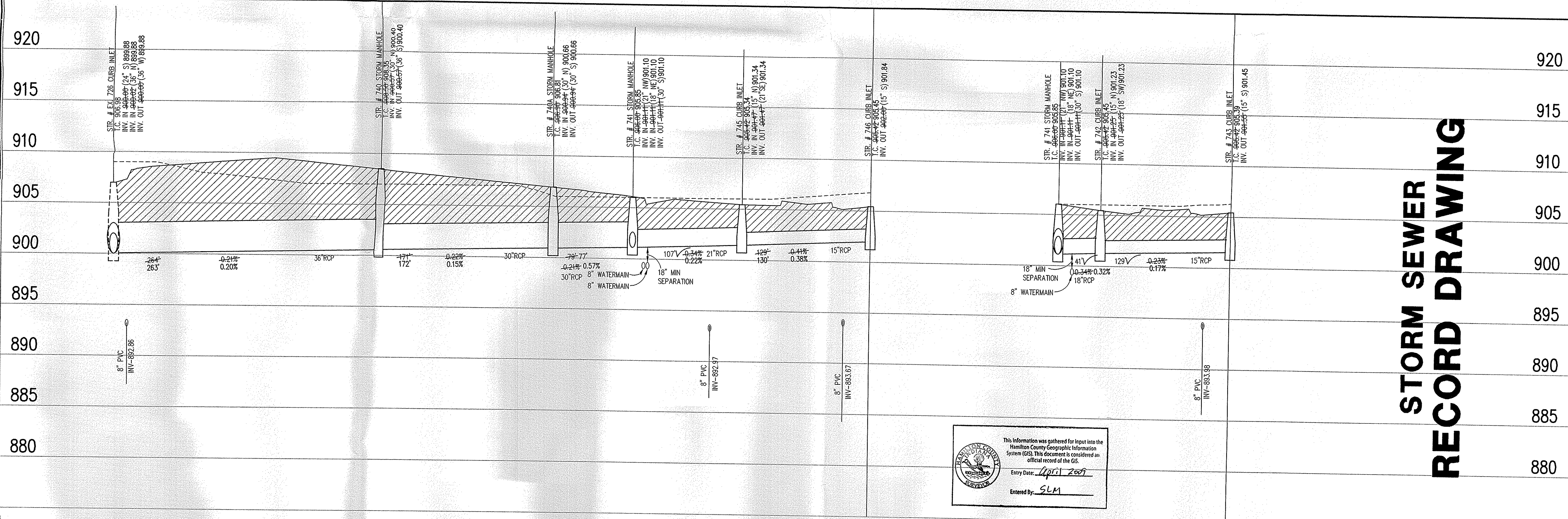
NOTE:
Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.

DATE: 3/30/07



STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

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: April 2007
Entered By: SLM

LEGEND	
	Existing Grade
	New Grade
	Granular Backfill

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



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Interior Design
Land Surveying
Landscape Architecture
Transportation Engineering

Village of WestClay
PETTIGRU DRIVE
CARMEL, INDIANA
BRENNWICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 3/1/05	PROJECT NO.: 1238.6001
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\V235\6001\DWG\PETTIGRU\C601-603.DWG XREF: 6001-BS.DWG XREF: 6002-BS.DWG XREF: 6003-BS.DWG XREF: PETTIGRU-BS.DWG XREF: CA21.DWG XREF: STORM.DWG	
SHEET NO.:	

C601

STORM SEWER PROFILE

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

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 U.S.H.A. STANDARDS FOR WORKER SAFETY.
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HOLEY MOLEY SAYS



"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE

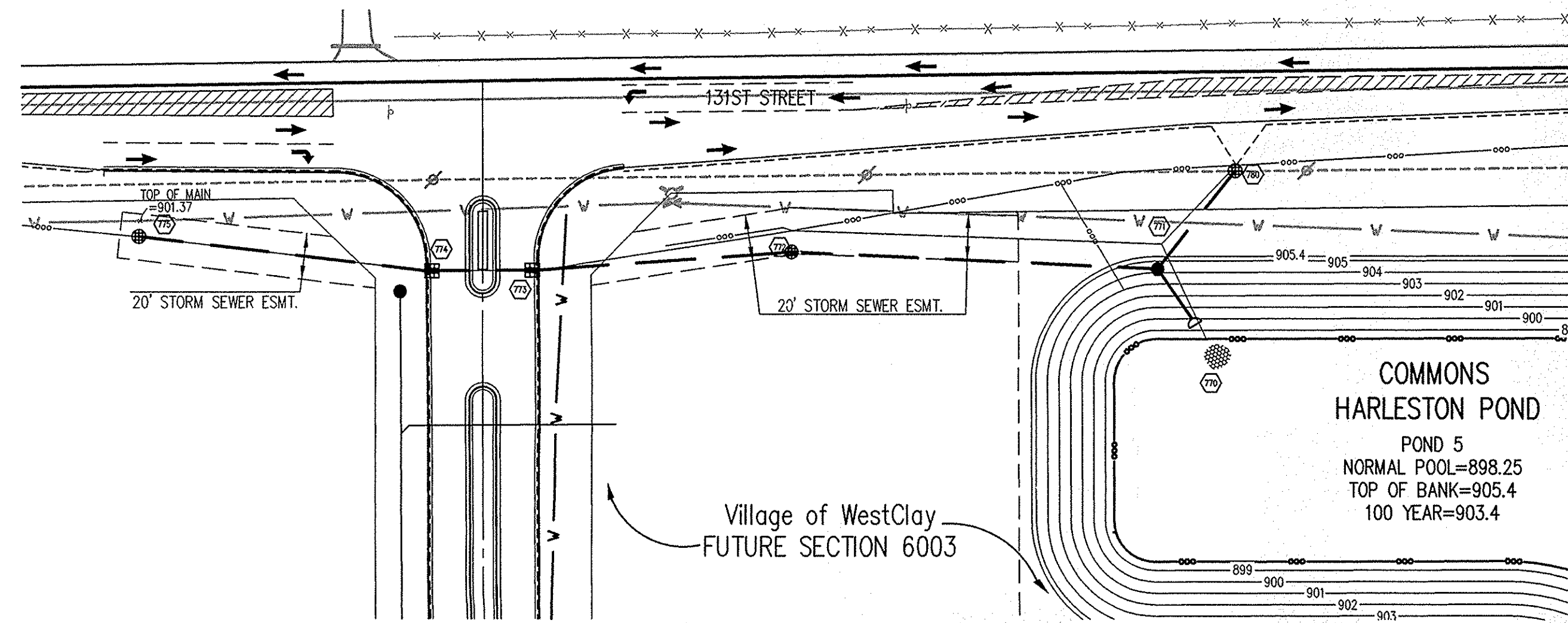
PER INDIANA STATE LAW IS-89-1991.
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

Sheet	Detail	Description
C803	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803	3	Chairback Curb Inlet Detail
C803	4	Beehive Inlet Detail
C803	2	Storm Manhole Detail
C803	5	Precast Concrete End Section
C803	6	RipRap Detail @ End Section

LEGEND/DETAILS

NOTE

REVISIONS:
 1. DEC. 1/20/06: REVISION LOCATIONS OF STR # 760
 2. DEC. 1/20/06: REVISION PER IAC COMMENTS, AND CLIENT LAYOUT PLAN CHANGES.
 3. DEC. 5/24/06: REVISION PER CITY OF CARMEL COMMENTS.
 4. DEC. 6/20/06: REVISION PER CITY OF CARMEL COMMENTS. REVISIONS TO STORM MAINS, WATER MAINS, SANITARY MAINS, AND IN MASS GRADING AREA.
 5. DEC. 6/20/06: REVISION PER CITY OF CARMEL COMMENTS. REVISIONS TO STORM MAINS, WATER MAINS, SANITARY MAINS, AND IN MASS GRADING AREA.
 6. DEC. 6/20/06: REVISION PER CITY OF CARMEL COMMENTS. REVISIONS TO STORM MAINS, WATER MAINS, SANITARY MAINS, AND IN MASS GRADING AREA.
 7. DEC. 6/20/06: REVISION PER CITY OF CARMEL COMMENTS. REVISIONS TO STORM MAINS, WATER MAINS, SANITARY MAINS, AND IN MASS GRADING AREA.
 8. DEC. 6/20/06: REVISION PER CITY OF CARMEL COMMENTS. REVISIONS TO STORM MAINS, WATER MAINS, SANITARY MAINS, AND IN MASS GRADING AREA.



CERTIFICATION FOR "RECORD DRAWING"

Brandon T. Bunk
 CERTIFIED BY:
 THE SCHNEIDER CORPORATION
 12821 EAST NEW MARKET STREET, SUITE 301
 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410

NOTE:
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BRANDON T. BUNK
 REGISTERED
 No. 10000075
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 DATE: 3/30/07

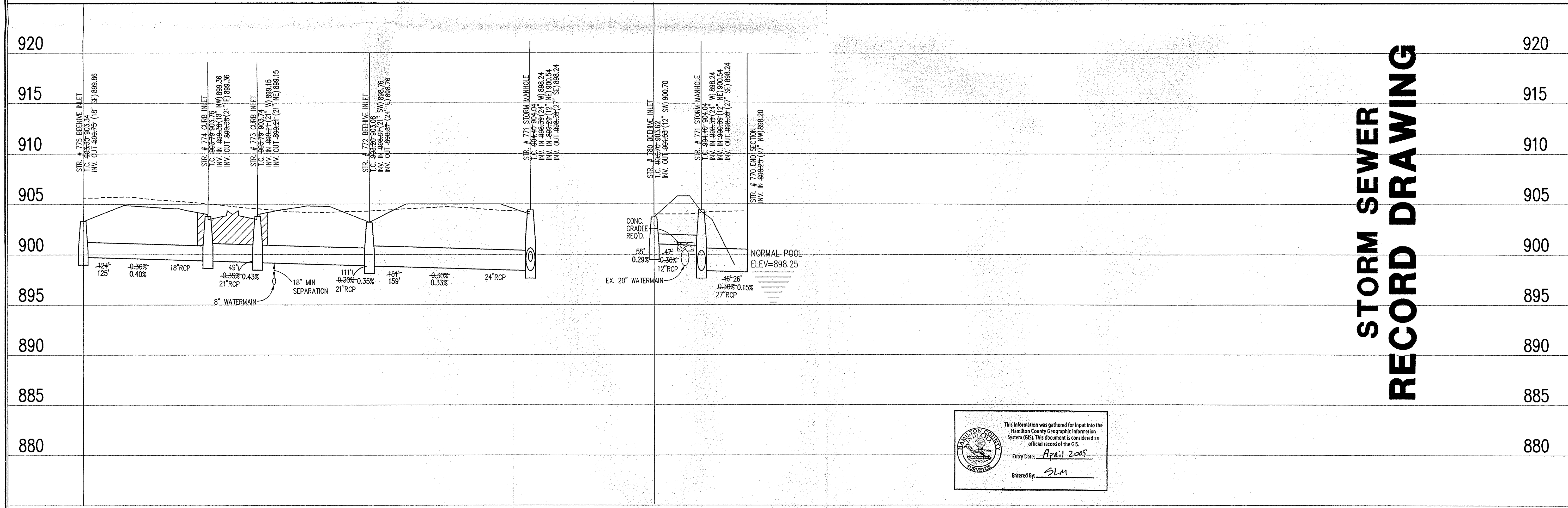
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STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

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: April 2, 2005
 Entered By: SLM

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

Village of WestClay
 PETTIGRU DRIVE
 CARMEL, INDIANA
 BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 3/1/05 PROJECT NO.: 1238.6001
 DRAWN BY: DCC CHECKED BY:
 SHEET TITLE: STORM SEWER PLAN & PROFILE
 DRAWING FILES:
 N:\1238\6001\DWG\PETTIGRU\C601-603.DWG
 XREF: 6001-B5.DWG
 XREF: 6002-B5.DWG
 XREF: 6003-B5.DWG
 XREF: PETTIGRU-B5.DWG
 XREF: CA21.DWG
 XREF: STORM.DWG
 SHEET NO.:
C602

HOLEY MOLEY SAYS
"DON'T DIG BLIND"

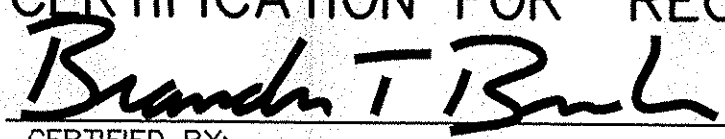
"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW 15-59-1991.
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

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BENCHMARK

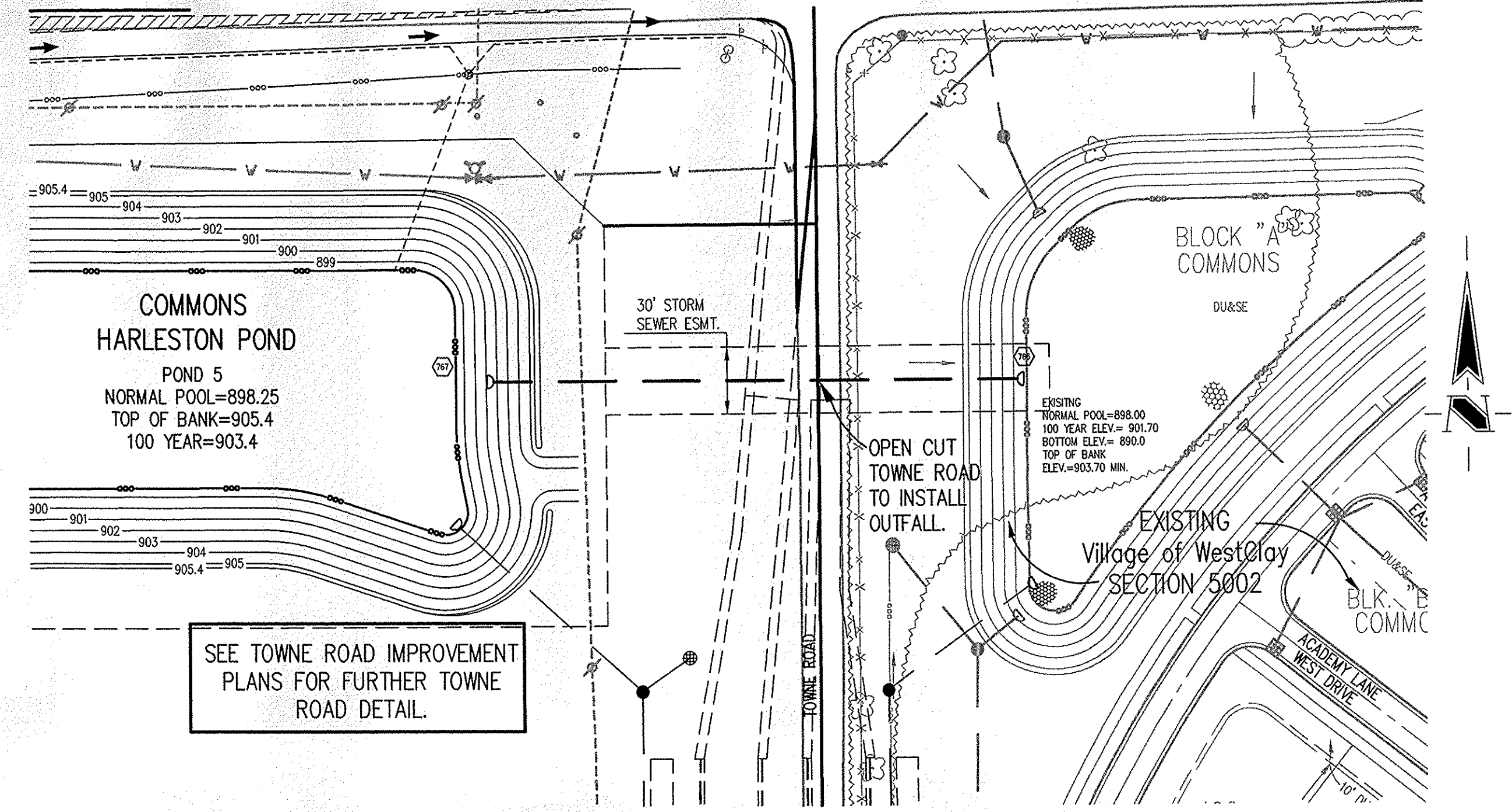
TBM #44
 USGS BENCHMARK
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE
 FARM ENTRANCE
 ELEVATION - 893.39

CERTIFICATION FOR "RECORD DRAWING"

 CERTIFIED BY:
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 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410
 NOTE:
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 DATE: 3/30/07

LEGEND/DETAILS

Sheet Number	Description
C603 1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C603 3	Chairback Curb Inlet Detail
C603 4	Beehive Inlet Detail
C603 2	Storm Manhole Detail
C603 5	Precast Concrete End Section
C603 6	RipRap Detail @ End Section

LEGEND NOTE



REVISIONS:

- DEC. 5/20/06: REVISION PER THE CITY OF CARMEL, INDIANA. ADDITIONAL STORM POND NEAR RONALD REAGAN GREEN AND IN MASS GRADING AREA.
- DEC. 6/20/06: REVISION PER THE CITY OF CARMEL, INDIANA. ADDITIONAL STORM POND NEAR RONALD REAGAN GREEN AND IN MASS GRADING AREA.
- DEC. 6/20/06: REVISION PER THE CITY OF CARMEL, INDIANA. ADDITIONAL STORM POND NEAR RONALD REAGAN GREEN AND IN MASS GRADING AREA.
- DEC. 4/2/06: REVISION HARLESTON POND SHAPE PER CLIENT.
- DEC. 4/2/06: REVISION HARLESTON POND SHAPE PER CLIENT.
- DEC. 4/2/06: REVISION HARLESTON POND SHAPE PER CLIENT.
- DEC. 3/30/07: RECORD DRAWING

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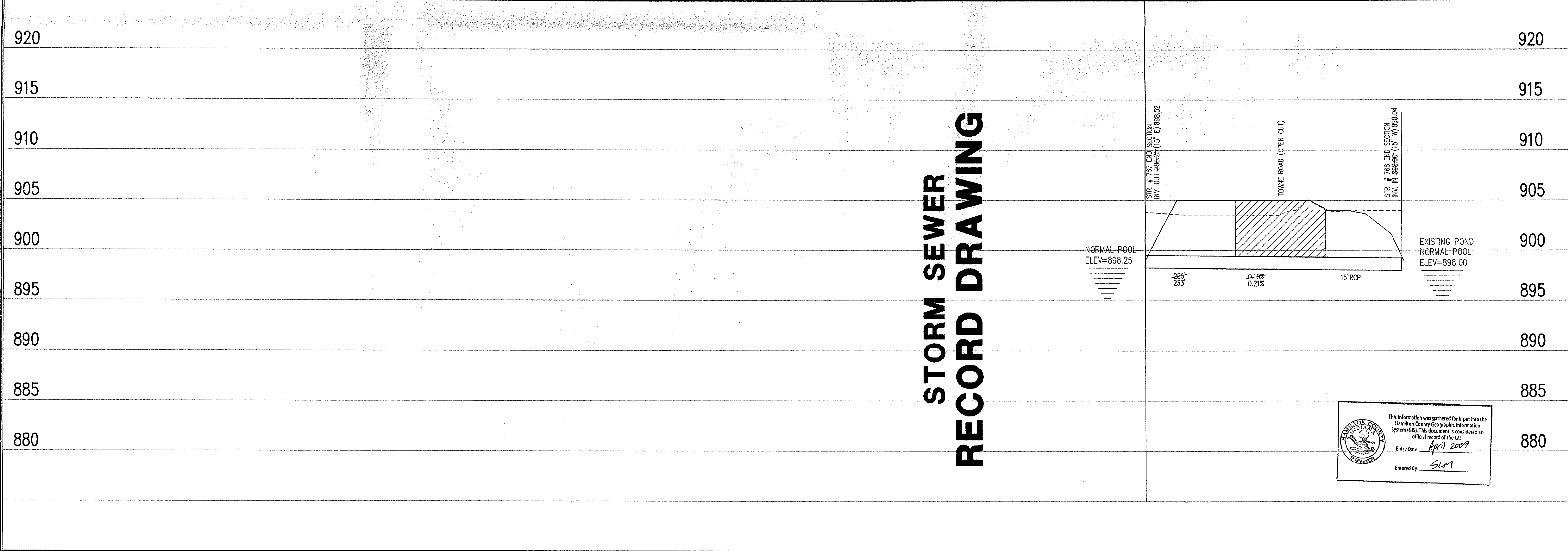


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STORM SEWER PLAN

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: April 2009
 Entered by: SLM

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

Village of WestClay
 PETTIGRU DRIVE
 CARMEL, INDIANA
 BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 3/1/05	PROJECT NO.: 1238.6001
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\6001\DWG\PETTIGRU\001-603.DWG XREF: 6001-BS.DWG XREF: 6002-BS.DWG XREF: 6003-BS.DWG XREF: PETTIGRU-BS.DWG XREF: CA21.DWG XREF: STORM.DWG	
SHEET NO.: C603	