

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*

January 11, 2006

TO: Hamilton County Drainage Board

RE: Village of West Clay, Section 6001 and 6002 Arm.

Attached is a petition filed by Brenwick Development along with a non-enforcement requests, plans, calculations, quantity summary and assessment roll for the Section 6001 and 6002 Arm, Village of West Clay Drain to be located in Clay Township. The plans for Village of West Clay Section 6001 include all storm sewers for the drainage system for Section 6002 of the Village of West Clay. I have reviewed the submittals and petition and have found each to be in proper form.

Due to design changes made after the plans had been approved, Sheets 101 to 105, 601, 603, 605, and 607 to 612 were replaced in the plans. These revised sheets were submitted to the Surveyor's Office on October 31, 2005.

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	1,970 ft.	21" RCP	692 ft.	30" RCP	236 ft.
15" RCP	1,768 ft.	24" RCP	1,202 ft.	36" RCP	475 ft.
18" RCP	1,449 ft.	27" RCP	73 ft.	42" RCP	266 ft.

The total length of the drain will be 8,131 feet.

The retention ponds (Schricker Pond, Taggart Pond and Beveridge Pond) which are located in Goldwater Park, Block S of Section 6002, and Block V of Section 6002 respectively, are 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 ponds 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 ponds were 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 \$11,873.10.

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: 5016989  
For: Storm Sewers  
Amount: \$494,825.00

Agent: Bond Safeguard Insurance Company  
Date; July 8, 2005  
Number: 5016990  
For: Erosion Control  
Amount: \$67,200.00

Agent: Bond Safeguard Insurance Company  
Date: September 14, 2005  
Number: 5018858  
For: Erosion Control for Section 6002  
Amount: \$34,800.00

Parcels assessed for this drain may be assessed for the Long Branch Drain at sometime in the future. Parcels assessed for this 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 IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The requests are for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for Village of West Clay Section 6001 and Village of West Clay Section 6002 as recorded in the office of the Hamilton County Recorder.

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



Kenton C. Ward  
Hamilton County Surveyor

KCW/pll

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  
6001 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

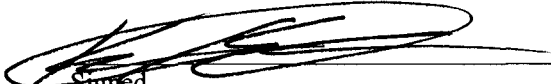
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

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

KEVIN KRAWEK AGENT TO OWNER,  
Printed Name BRENWICK TND COMMUNITIES, LLC

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

7/7/05  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Signed

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

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

FINDINGS AND ORDER

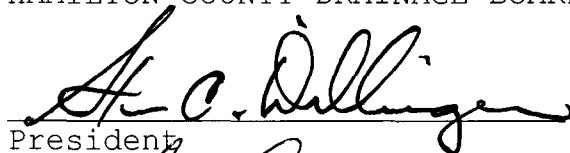
CONCERNING THE MAINTENANCE OF THE

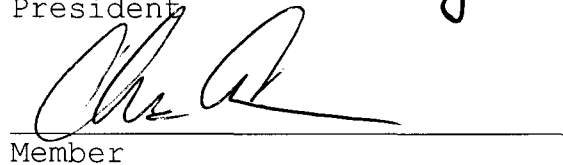
Village of West Clay Drain, Sections 6001 and 6002

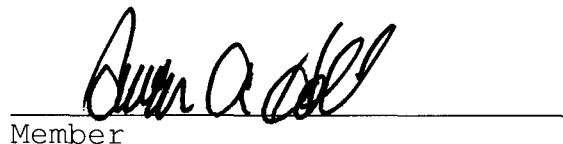
On this **27th day of March 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Village of West Clay Drain, Sections 6001 and 6002**.

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: 

**Villages of West Clay Section 6001 & 6002  
GASB 34 Calculation**

**Villages of West Clay Drain: Section 6001 & 6002:** 8131ft

**JW Brendle Drain-Village of West Clay Sec. 6001 Relocation:** 1432 ft

**Total Footage =** 9563

**Bond Amount =** \$468,354

**Villages of West Clay Drain: Section 6001 & 6002:**  $.85(\$468,354) = \$398,100.90$

**JW Brendle Drain-Village of West Clay Sec. 6001 Relocation:**  $.15(\$468,354) = \$70,253.10$

Note: Bonds were posted at 120% of the engineers estimate. This dollar amount is based upon the engineer's estimate.

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

*Village of West Clay Drain, Sections 6001 and 6002*

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, Sections 6001 and 6002** on **March 27, 2006** at **9:25 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

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF THE

*Village of West Clay Drain, Sections 6001 and 6002*

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **March 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




CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: Village of West Clay Section 6002

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: 4-7-06

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) 826-6401

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 4, 2008**

**Re: Village of West Clay: Section 6001 & 6002**

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 6001 & 6002. 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 January 11, 2006. The report was approved by the Board at the hearing held March 27, 2006 (See Drainage Board Minutes Book 9, Pages 139-141). The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes(ft):
652-650	22	12	RCP	902.6	902.48	0.54	
664-663	29	12	RCP	902.77	902.59	0.62	
663-649	87	12	RCP	902.6	901.98	0.71	
669-648A	67	12	RCP	901.81	901.47	0.51	
623-622	120	15	RCP	895.11	894.79	0.27	-11
622-621	259	21	RCP	894.71	894.05	0.25	5
621-Ex	66	21	RCP	894.03	893.62	0.62	-5
636-635	47	12	RCP	898.16	898.07	0.3	-2
635-634	77	12	RCP	898.07	897.84	0.3	2
634-633	118	15	RCP	897.84	897.52	0.27	
633-632	29	15	RCP	897.52	897.43	0.31	
632-631	172	15	RCP	897.43	896.92	0.3	
631-630	176	18	RCP	896.92	896.39	0.3	
630-629	29	21	RCP	896.04	895.99	0.17	-1
629-628	178	24	RCP	895.99	895.7	0.16	
628-627	122	24	RCP	895.7	895.48	0.18	1
627-626	29	24	RCP	895.48	895.33	0.52	-3
626-625	73	27	RCP	895.33	895.13	0.27	
651-650	29	15	RCP	906.84	901.64	0.48	
650-649	42	15	RCP	901.5	901.34	0.38	2
649-648B	55	15	RCP	901.34	901.09	0.91	-1

648B-648A	110	15	RCP	901.09	900.09	0.91	2
648A-648	28	18	RCP	900.09	899.55	0.19	-1
648-647	57	18	RCP	899.55	899.2	0.61	2
647-646	109	18	RCP	899.2	898.45	0.68	
646-645	157	21	RCP	898.45	897.41	0.66	
645-644	155	24	RCP	897.41	896.86	0.35	1
644-643	103	24	RCP	896.86	896.17	0.67	
643-642	102	24	RCP	896.17	895.53	0.63	
642-641	50	24	RCP	895.53	895.12	0.82	7
661-660	29	12	RCP	900.16	899.51	2.24	
660-646	230	15	RCP	899.51	898.45	0.46	1
701-697	53	15	RCP	901.44	901.24	0.38	
699-698	57	12	RCP	902.37	902.16	0.37	
698-697	22	12	RCP	902.16	901.91	1.14	
697-696	156	15	RCP	901.24	900.02	0.78	-1
696-695	239	18	RCP	900.02	898.15	0.78	-3
757-753	25	12	RCP	902.21	901.92	0.24	
753-752	29	12	RCP	901.92	901.85	0.24	
752-751	172	12	RCP	901.85	900.9	0.55	
751-750	81	12	RCP	900.9	900.32	0.72	1
750-726A	103	24	RCP	900.32	900	0.31	-1
712-711	55	12	RCP	903.45	903.06	0.71	
711-710	146	12	RCP	903.06	902.02	0.71	
710-709	38	18	RCP	902.02	901.84	0.47	
709-708	230	18	RCP	901.84	900.78	0.46	-1
708-707	145	18	RCP	900.78	899.2	1.09	-1
707-706	29	18	RCP	899.2	898.84	1.24	
706-705	104	18	RCP	898.84	897.44	1.35	1
716-710	29	12	RCP	902.21	902.02	0.66	
715-709	51	12	RCP	902.08	901.84	0.47	
714-713	29	12	RCP	903.56	903.2	1.24	
713-708	62	12	RCP	903.2	902.78	0.68	1
726-725A	98	36	RCP	899.98	899.68	0.15	
725A-725	29	36	RCP	899.68	899.59	0.31	
725-724	14	36	RCP	899.51	899.4	0.43	1
724-723	279	36	RCP	899.4	898.62	0.28	
723-722	54	36	RCP	898.62	898.45	0.31	-2
722-721	60	42	RCP	898.42	898.13	0.48	3
721-720	132	42	RCP	898.11	897.67	0.33	4
720-719	80	42	RCP	897.64	897.25	0.49	-1
733-732	29	12	RCP	903.79	903.56	0.79	
732-723	25	15	RCP	903.48	903.21	1.08	
736-730	27	12	RCP	903.35	903.19	0.59	
731-730	29	15	RCP	903.46	903.17	1	
729-728	175	15	RCP	902.87	901.94	0.53	1
728-727	174	15	RCP	901.85	900.99	0.49	
727-726A	16	15	RCP	900.99	900.83	1	-1
726A-726	29	24	RCP	900	899.88	0.41	

690-689	47	12	RCP	902.47	902.08	0.83	1
689-688	108	12	RCP	902.08	901.55	0.51	
688-687	55	12	RCP	901.45	901	0.51	
687-686	134	12	RCP	900.97	899.18	1.34	
686-685	61	15	RCP	899.15	898.16	1.62	-5
691-687	29	12	RCP	901.34	901	1.17	
700-696	43	12	RCP	903.65	903.41	0.56	1
657-655	29	12	RCP	900.86	900.55	1.07	
655-654	27	12	RCP	900.23	900.09	0.52	
654-644	127	12	RCP	900.09	899.65	0.35	
659-658	25	12	RCP	900.19	899.97	0.88	
658-645	54	12	RCP	900.09	899.65	0.35	
656-655	56	12	RCP	900.48	900.23	0.45	1
835-834	29	15	RCP	898.06	898	0.21	
834-811	17	18	RCP	898	897.94	0.35	-1
811-810	28	30	RCP	895.3	895.11	0.68	-5
827-818	217	18	RCP	900.12	899.14	0.45	-1
818-817	99	21	RCP	898.93	898.47	0.24	
817-816	118	24	RCP	897.91	897.63	0.24	3
816-815	103	24	RCP	897.61	897.21	0.39	-2
815-814	68	24	RCP	897.17	896.88	0.43	
814-813	47	24	RCP	896.85	896.67	0.38	
813-812	64	30	RCP	896.57	896.34	0.36	-1
812-811	137	30	RCP	896.26	895.3	0.55	-1
821-820	11	15	RCP	899.89	899.71	1.64	
820-819	54	18	RCP	899.66	899.57	0.17	
819-818	81	21	RCP	899.5	899.09	0.51	-1
847-819	11	12	RCP	900.06	899.64	3.82	
653-643	29	12	RCP	900.72	900.61	0.38	
836-817	62	15	RCP	899.52	899.21	0.5	
730-729	55	15	RCP	903.11	902.98	0.24	

**RCP Pipe Totals:**

12	1946
15	1751
18	1443
21	691
24	1207
27	73
30	229
36	474
42	272

**Total:** 8086

The length of the drain due to the changes described above is now **8086 feet**.

The non-enforcement was approved by the Board at its meeting on March 27, 2006 and recorded under instrument #200500041 and #200600019145.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its February 9, 2007 and October 8, 2007 meetings.

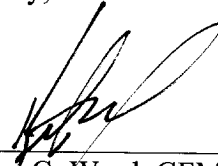
**Bond-LC No:** 5016989  
**Insured For:** Storm Sewers  
**Amount:** \$494,825  
**Issue Date:** July 8, 2005

**Bond-LC No:** 5016990  
**Insured For:** Erosion Control  
**Amount:** \$67,200  
**Issue Date:** July 8, 2005

**Bond-LC No:** 5018858  
**Insured For:** Erosion Control  
**Amount:** \$34,800  
**Issue Date:** September 14, 2005

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

Sincerely,

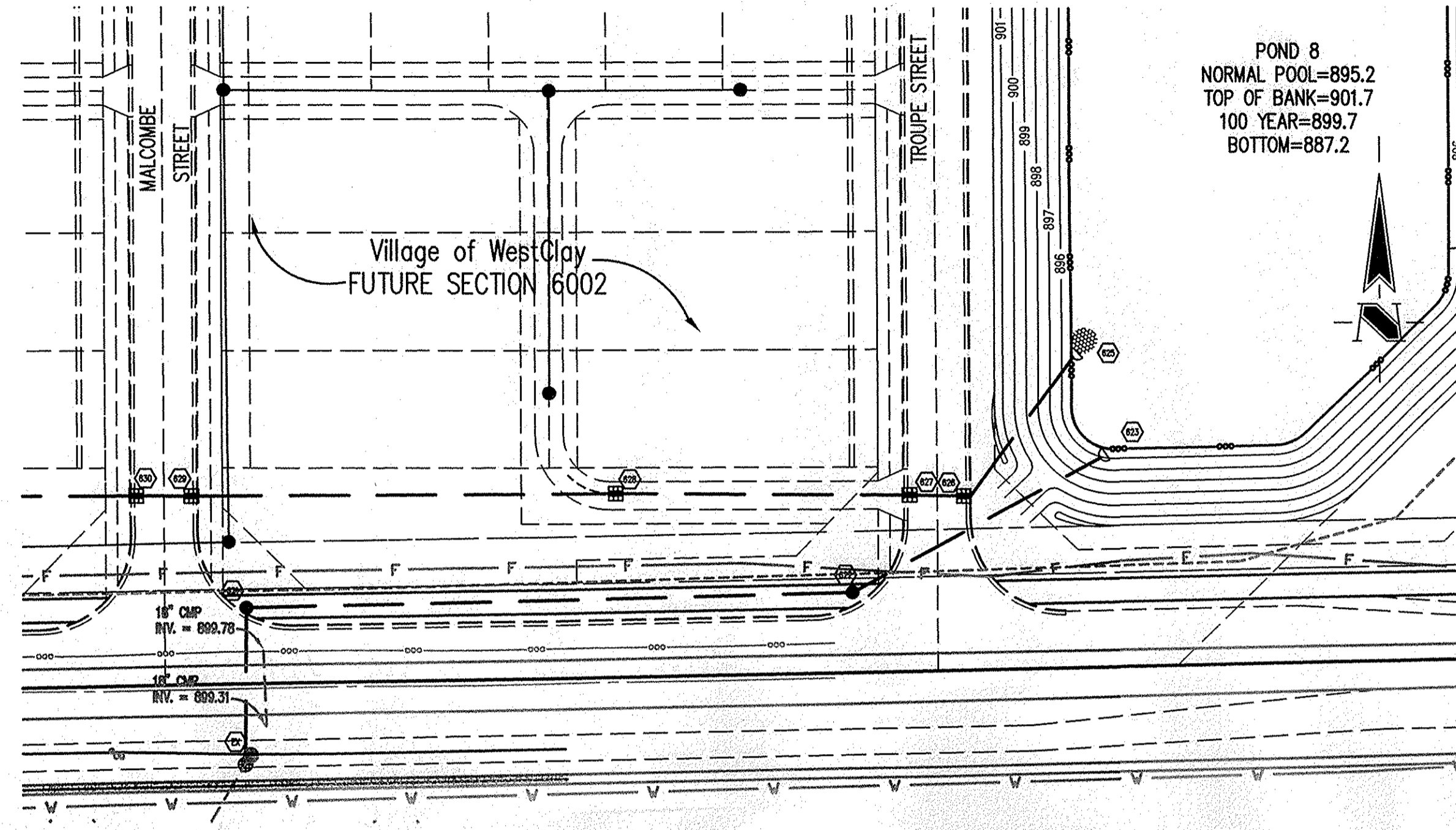
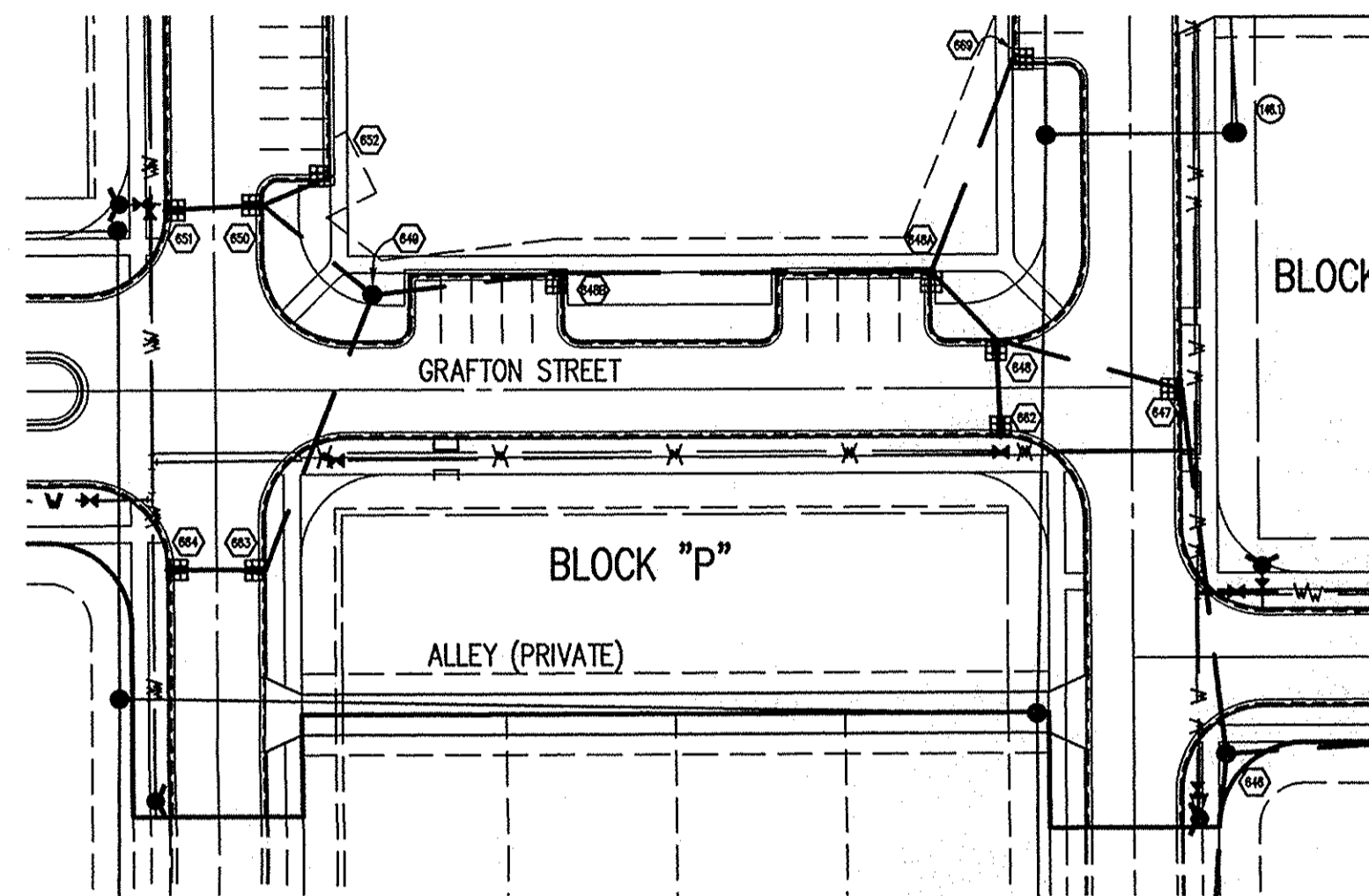


---

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm

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-99-1991.  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.



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

**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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

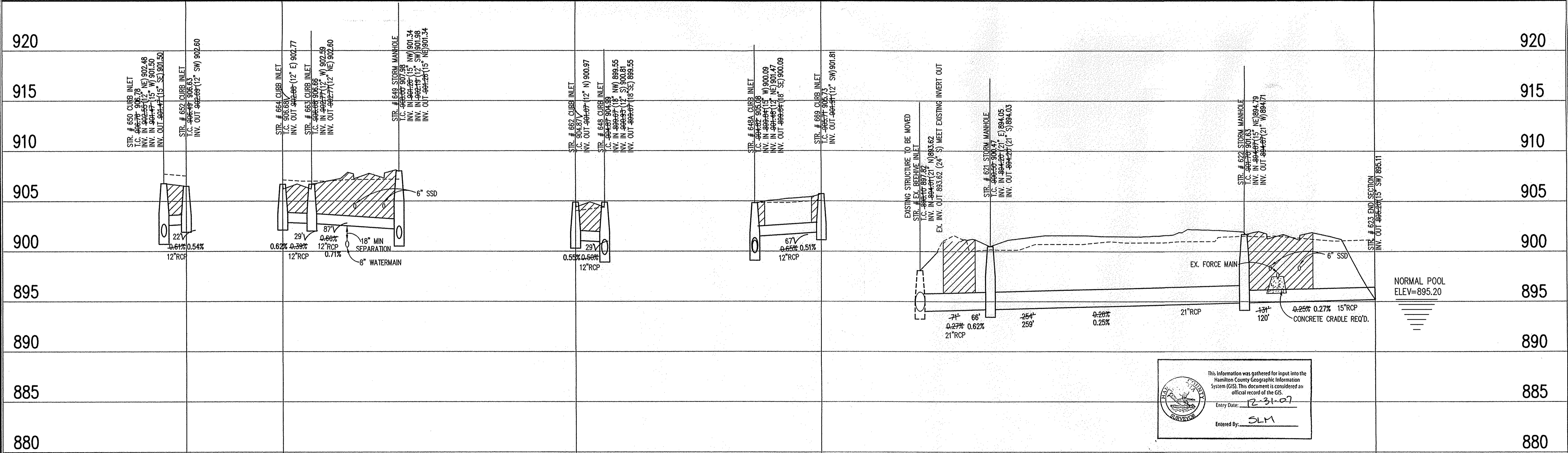
**BENCHMARK**  
 TBM #44  
 USGS BENCHMARK  
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
 FARM ENTRANCE.  
 ELEVATION - 893.39

REVISIONS:  
 1. DEC. 27/05: REVISED OUTLET PIPES AND CURB LAYOUT AL CHANGES.  
 2. DEC. 27/05: REVISED FORDS, FORDS, FORDS AND IMPROVED SURROUNDING STORM. ADDED  
 3. DEC. 27/05: REVISED FORDS, FORDS, FORDS AND IMPROVED SURROUNDING STORM. ADDED  
 4. DEC. 27/05: REVISED FORDS, FORDS, FORDS AND IMPROVED SURROUNDING STORM. ADDED  
 5. DEC. 10/06: ADJUSTED STR. 621 EXISTING PIPE LENGTH PER 125TH STREET PASSING BLISTE  
 6. DEC. 1/15/06: "RECORD DRAWING"

**BRANDON T. BURKE**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 10000075  
 STATE OF INDIANA  
 DATE: 3/1/05  
 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. (2005)

**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: 12-31-07  
 Entered By: SLM

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

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

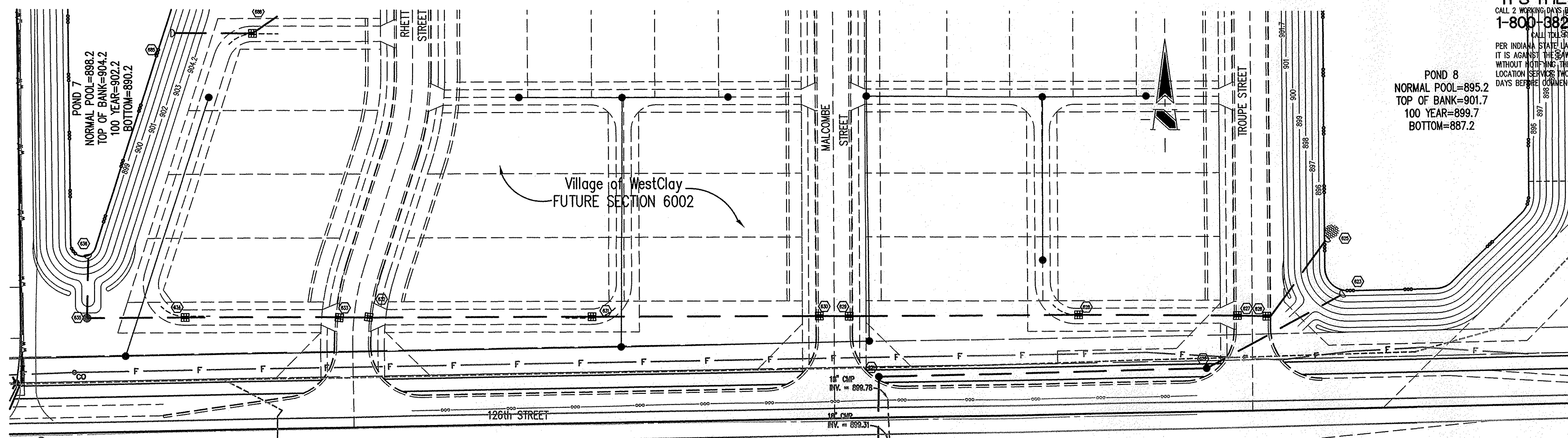
THE SCHNEIDER CORPORATION  
 12821 E. New Market Street  
 Suite 100  
 Carmel, IN 46032  
 Telephone: 317.569.8112  
 Fax: 317.826.6410  
 www.schneidercorp.com

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

Village of WestClay  
**SECTION 6001**  
 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 FILE: W:\V2386001\DWG\C601-600.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**



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 (ULS) (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

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

NOTE

**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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

**BENCHMARK**

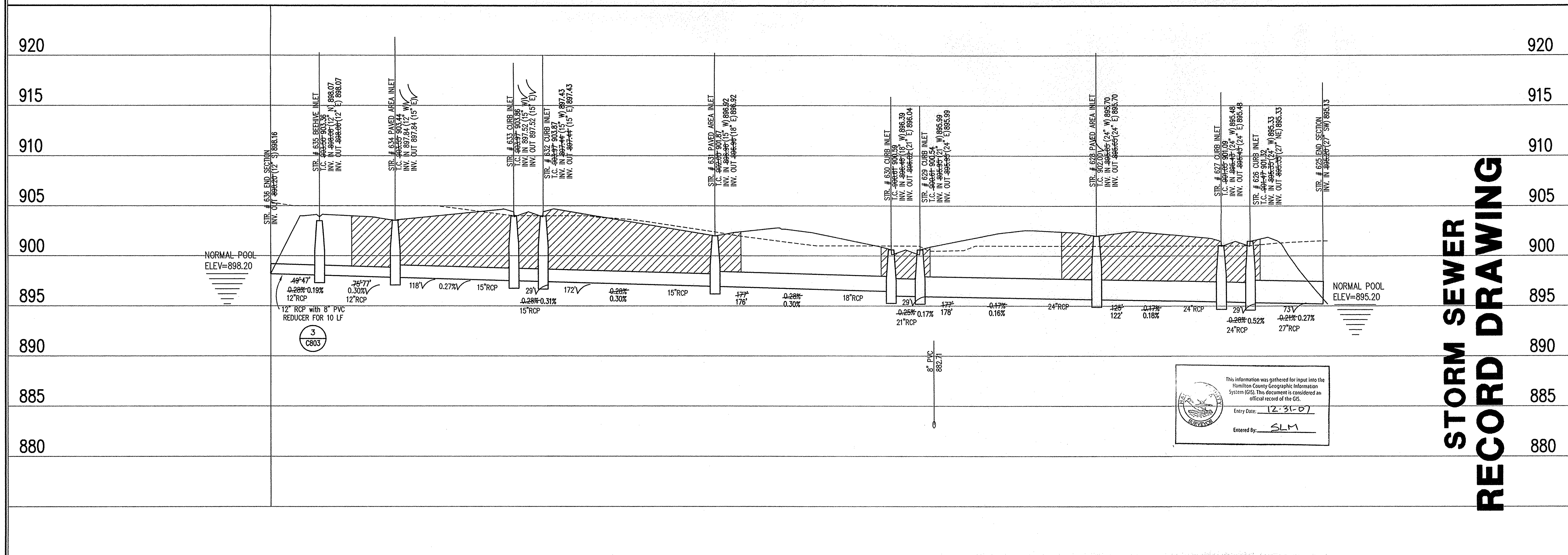
TBM #44  
 USGS BENCHMARK  
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
 FARM ENTRANCE.  
 ELEVATION - 893.39

REVISIONS:  
 1. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 2. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 3. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 4. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 5. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 6. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 7. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 8. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 9. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.  
 10. C.C. 5/20/05 REVISED PER THE COMMENTS AND CLIENT LAYOUT CHANGES.

BRANDON T. BURKE  
 REGISTERED  
 No. 10000075  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
 Brandon T. Burke  
 DATE: 3/1/05  
 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. (2005)

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: 12-31-07  
 Entered By: SLM

STORM SEWER PROFILE

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

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

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 6001  
 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:\1238\6001\DWG\C801-600.DWG	
XREF: 6001-BS.DWG	
XREF: 6002-BS.DWG	
XREF: 6003-BS.DWG	
XREF: PETICRU-BS.DWG	
XREF: CAZL.DWG	
XREF: STORM.DWG	

SHEET NO.: C602

**CERTIFICATION FOR "RECORD DRAWING"**

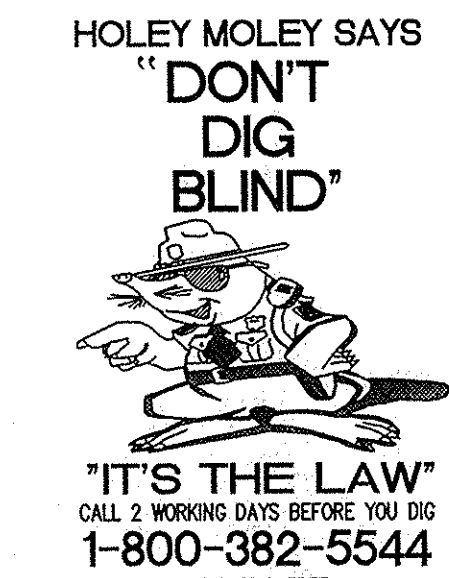
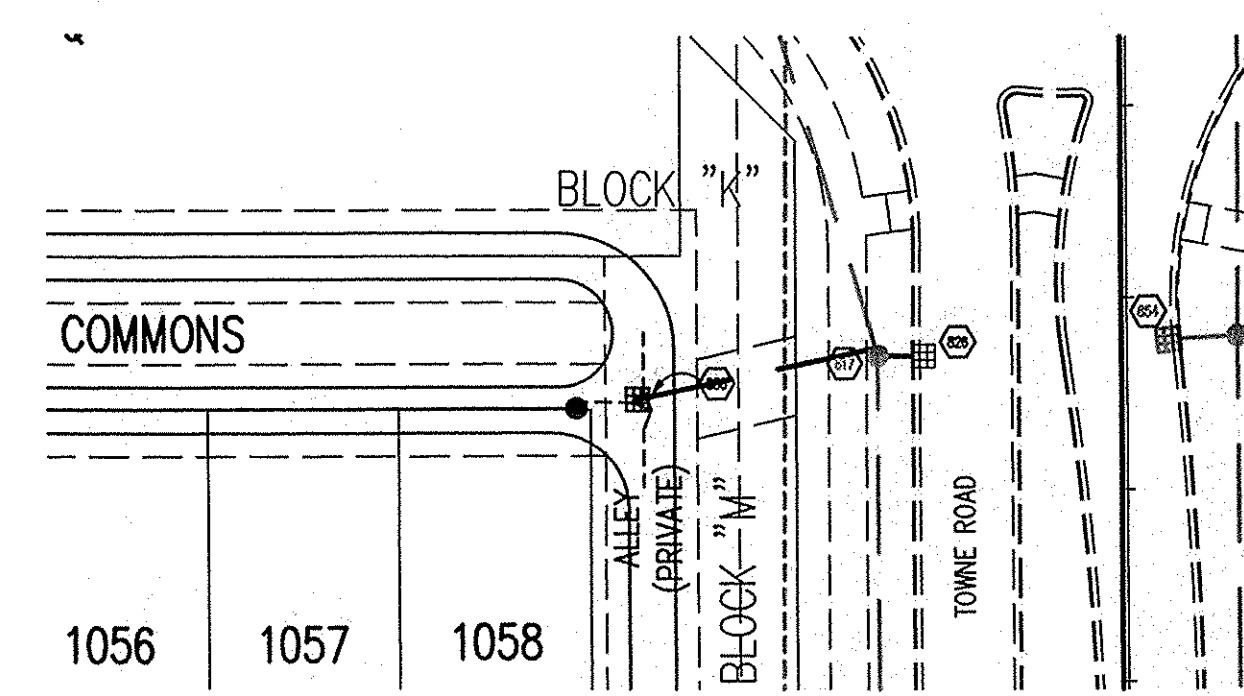
*Brandon T. Burke*  
 CERTIFIED BY:

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

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

DATE: 1/13/06

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.



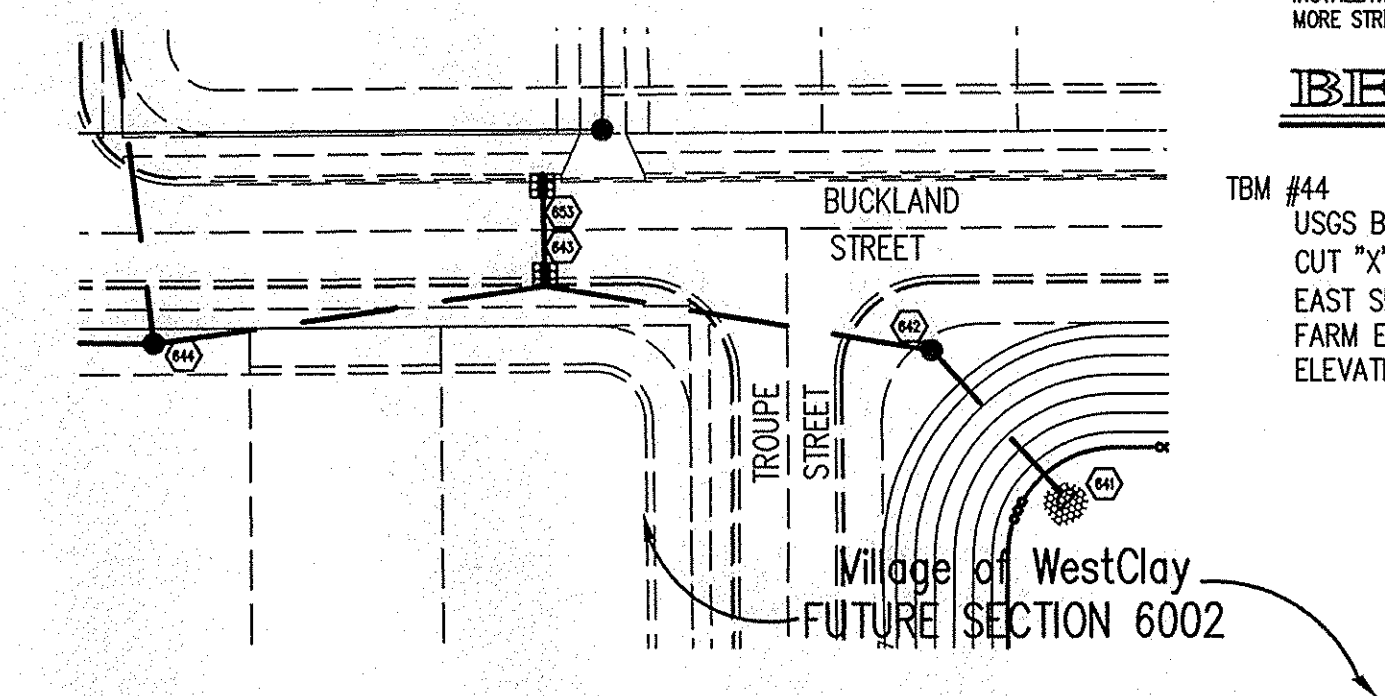
Sheet	Serial Number	Description
C603	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C603	5	Straight Curb Inlet Detail
C603	3	Beehive Inlet Detail
C603	4	Paved Area Inlet
C603	2	Storm Manhole Detail
C603	8	Precast Concrete End Section
C603	9	RipRap Detail @ End Section

**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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

**BENCHMARK**

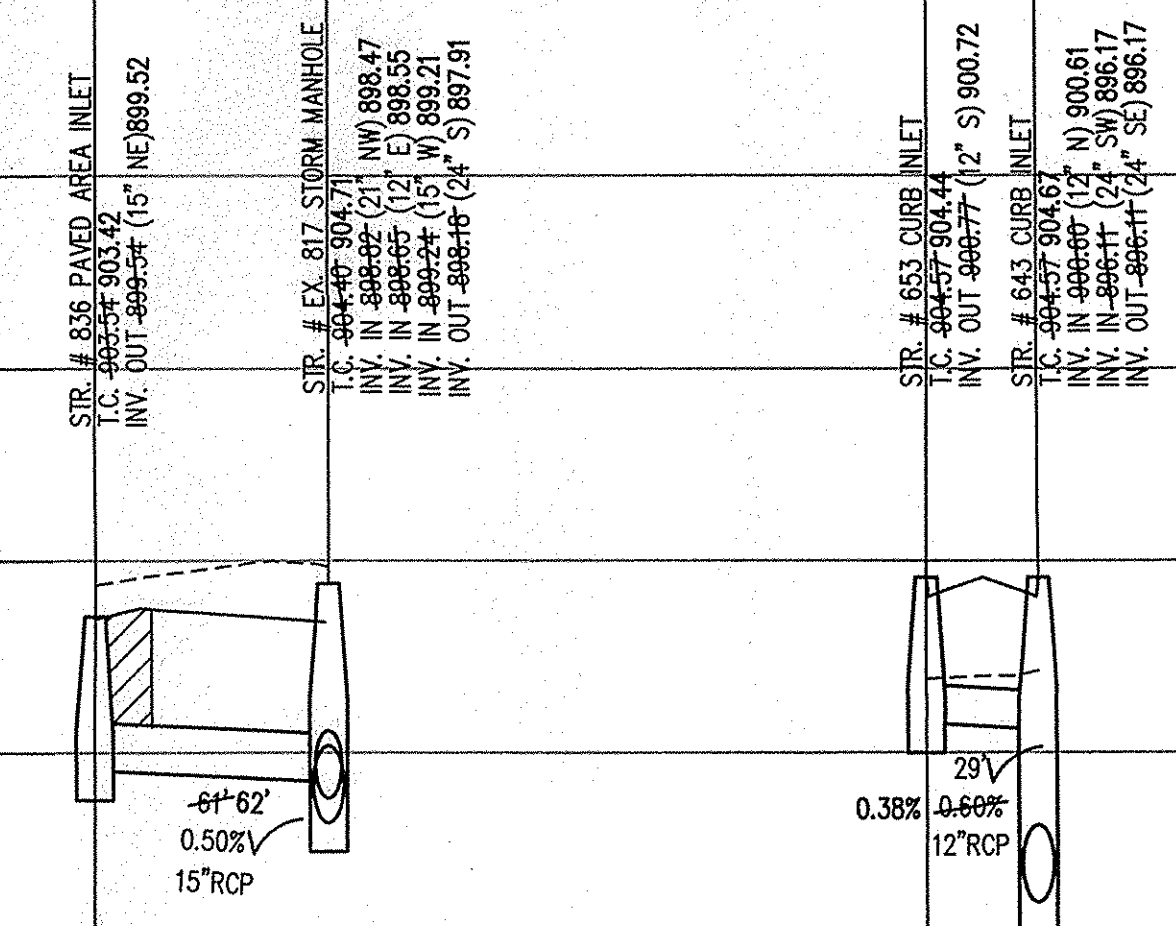
TBM #44  
 USGS BENCHMARK  
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
 FARM ENTRANCE.  
 ELEVATION - 893.39



**STORM SEWER PLAN**

SCALE: 1"=50'

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: 12-31-07  
 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. DEC. 5/20/06: REVISED PER THE COMMENTS AND CLIENT LATERAL CHANGES.  
 2. DEC. 6/20/06: REVISED PER COMMENTS, PAVED AREA, FLOOD AND UPRATED SURROUNDING STORM; ADDED THE UNPAVED AREAS, FLOOD REGION GREEN AND IN MASS GRADING AREA.  
 3. DEC. 11/20/06: ADDED EAST WARDEN STREET STORM SEWERS PER HSO COMMENTS.  
 4. DEC. 1/13/06: REVISED PER CLIENT REQUEST.  
 5. DEC. 1/13/06: RECORD DRAWING.

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.  
 © COPYRIGHTED BY THE SCHNEIDER CORP. (2005)



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

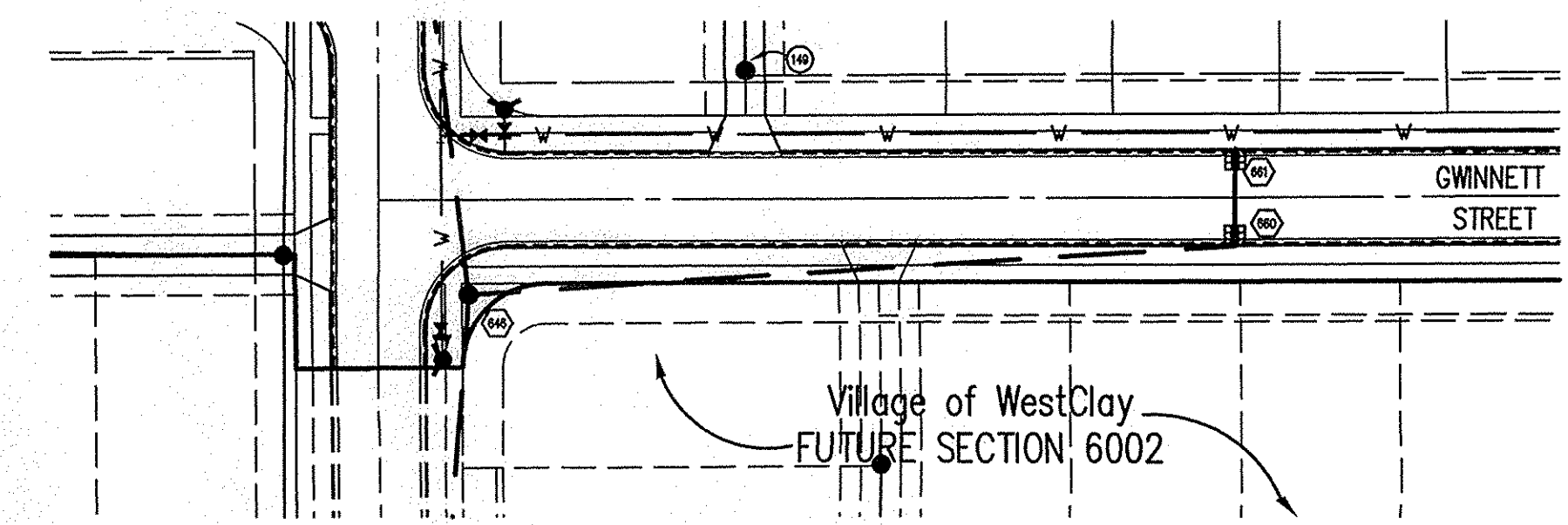
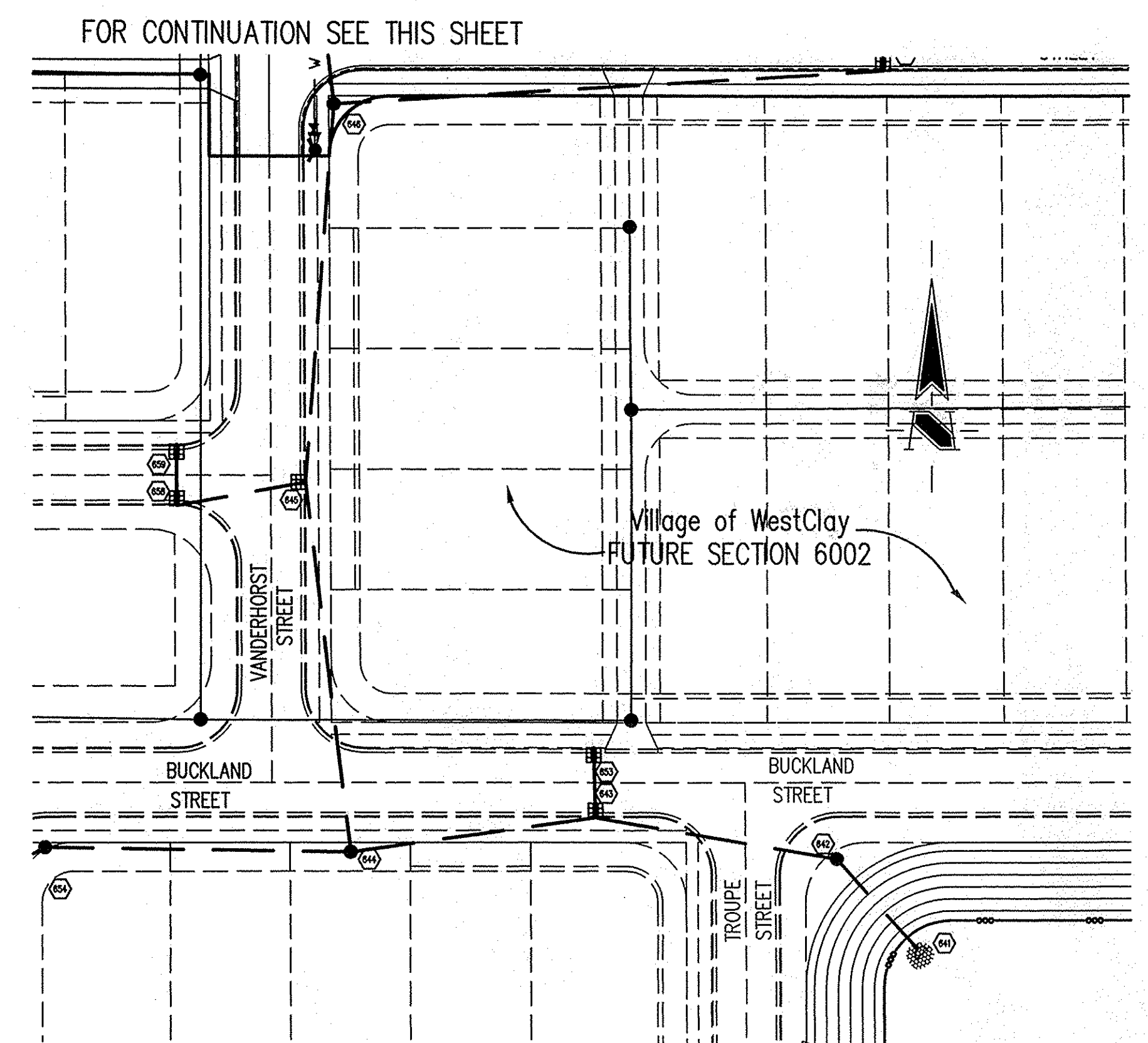
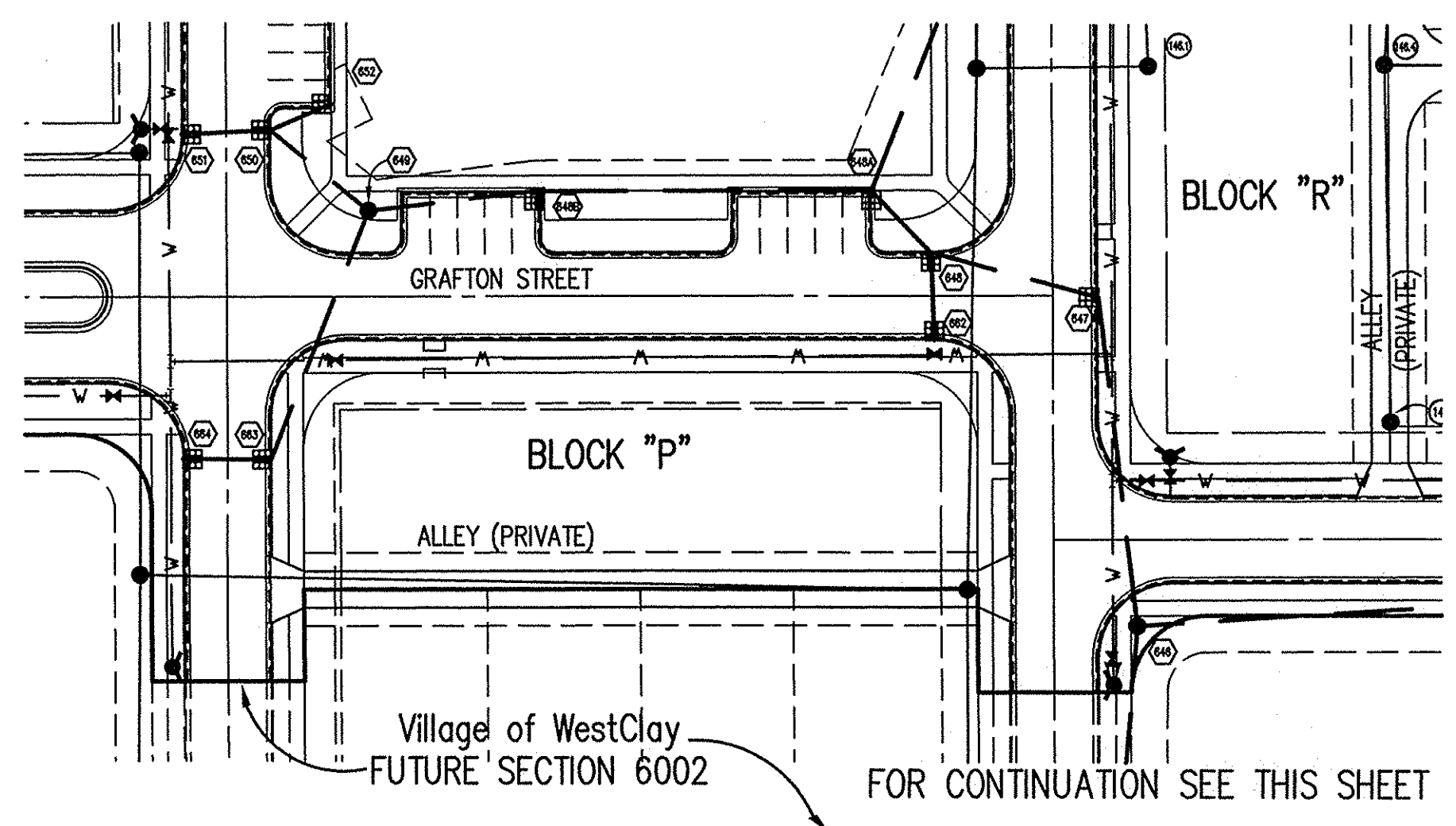
- Architecture  
 Civil Engineering  
 Environmental Engineering  
 Geotechnical Services  
 GIS \* LIS  
 Home Builder Services  
 Interior Design  
 Land Surveying  
 Landscape Architecture  
 Transportation Engineering

Village of WestClay  
 SECTION 6001  
 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: H:\1238\6001\DWG\C601-609.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





**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

**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.

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

**GENERAL NOTES**

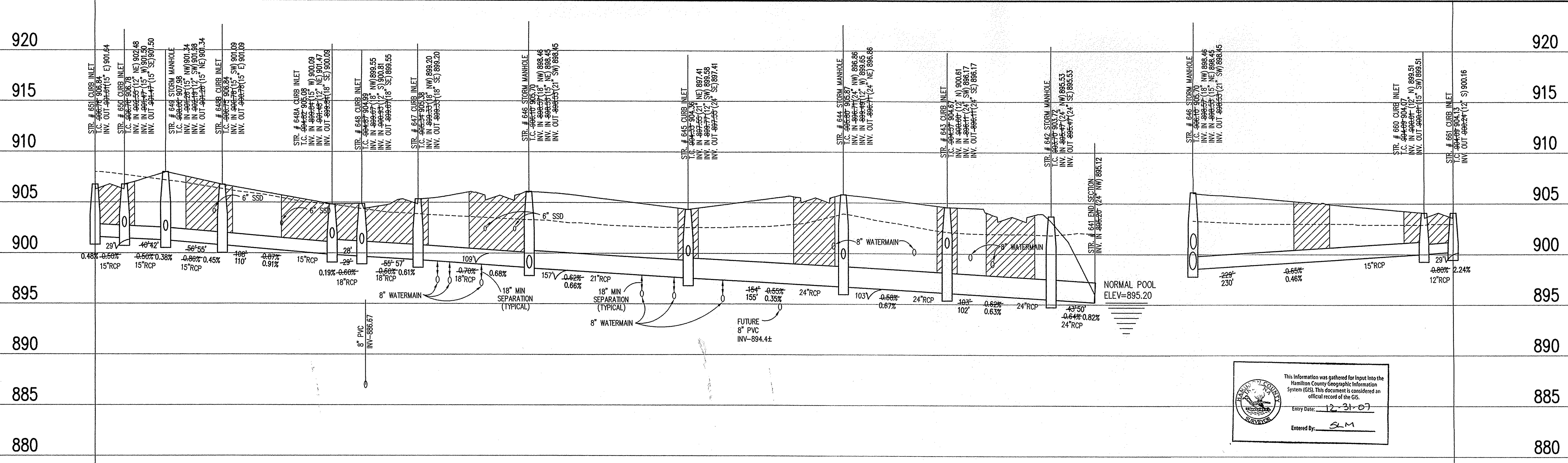
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

REVISIONS:  
 1. DEC. 27/05: REVISED PER TIC COMMENTS AND CLIENT LIAISON CHANGES.  
 2. DEC. 27/05: REVISED PAVEMENT, FENCES, FENCES AND UPDATED SURVEYING, ASSESS AND REVISIONS.  
 3. DEC. 27/05: REVISED PER TIC COMMENTS AND CLIENT LIAISON CHANGES.  
 4. DEC. 27/05: REVISED PER TIC COMMENTS AND CLIENT LIAISON CHANGES.

BRANDON T. BURKE  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 10000075  
 STATE OF INDIANA  
 DATE: 3/1/05  
 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. (2005)

**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: 12-31-07  
 Entered By: SM

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

Existing Grade	New Grade	Granular Backfill

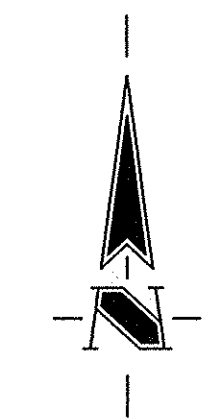
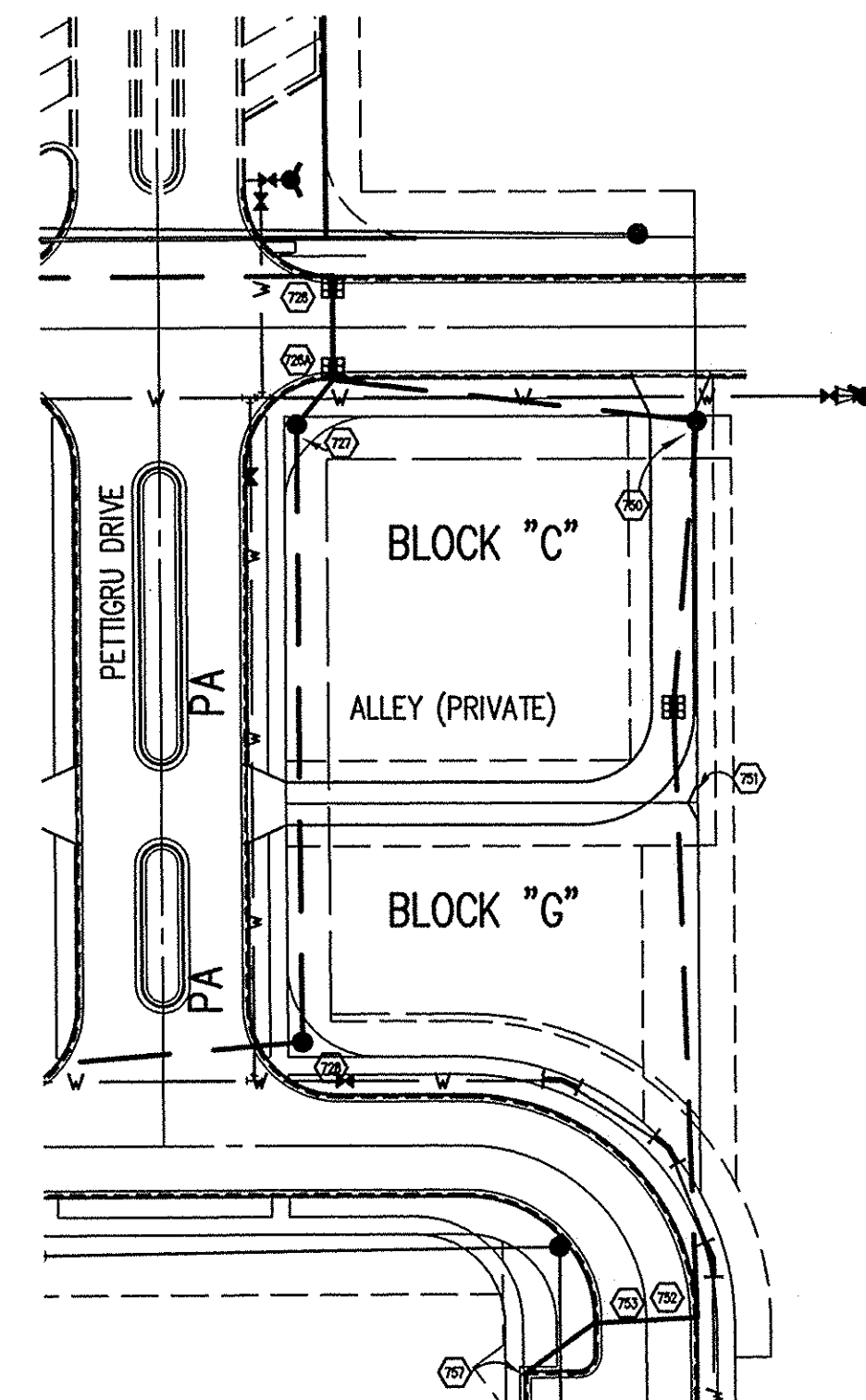
SCALE: HORZ.: 1"=50'  
 VERT.: 1"=5'

**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

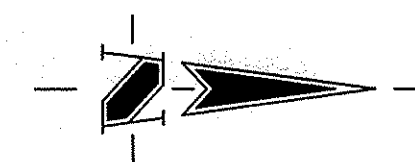
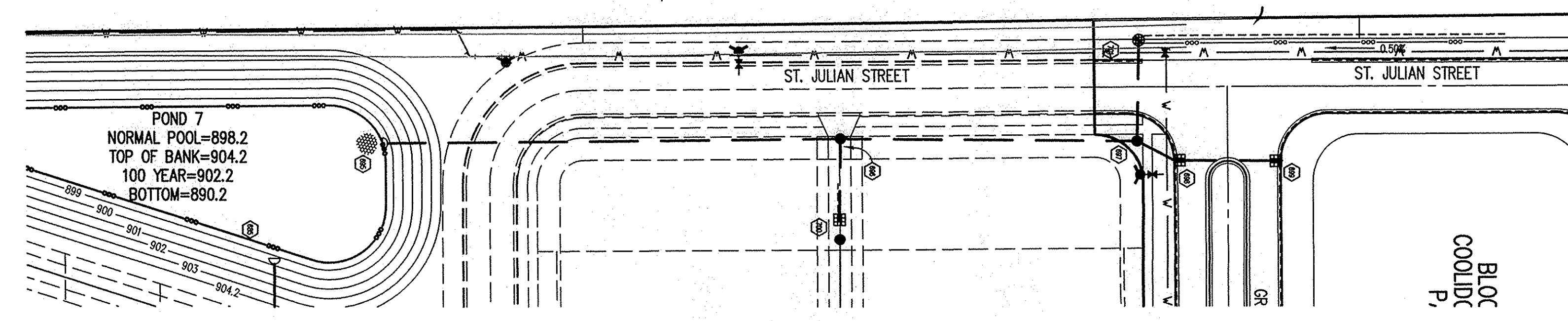
Architecture  
 Civil Engineering  
 Environmental Engineering  
 Geotechnical Services  
 GIS \* LIS  
 Home Builder Services  
 Interior Design  
 Land Surveying  
 Landscape Architecture  
 Transportation Engineering

Village of WestClay  
**SECTION 6001**  
 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:  
 XREF: 6001-BS.DWG  
 XREF: 6002-BS.DWG  
 XREF: 6003-BS.DWG  
 XREF: P6T004-BS.DWG  
 XREF: CAZ1.DWG  
 XREF: STORM.DWG  
 SHEET NO.: C604

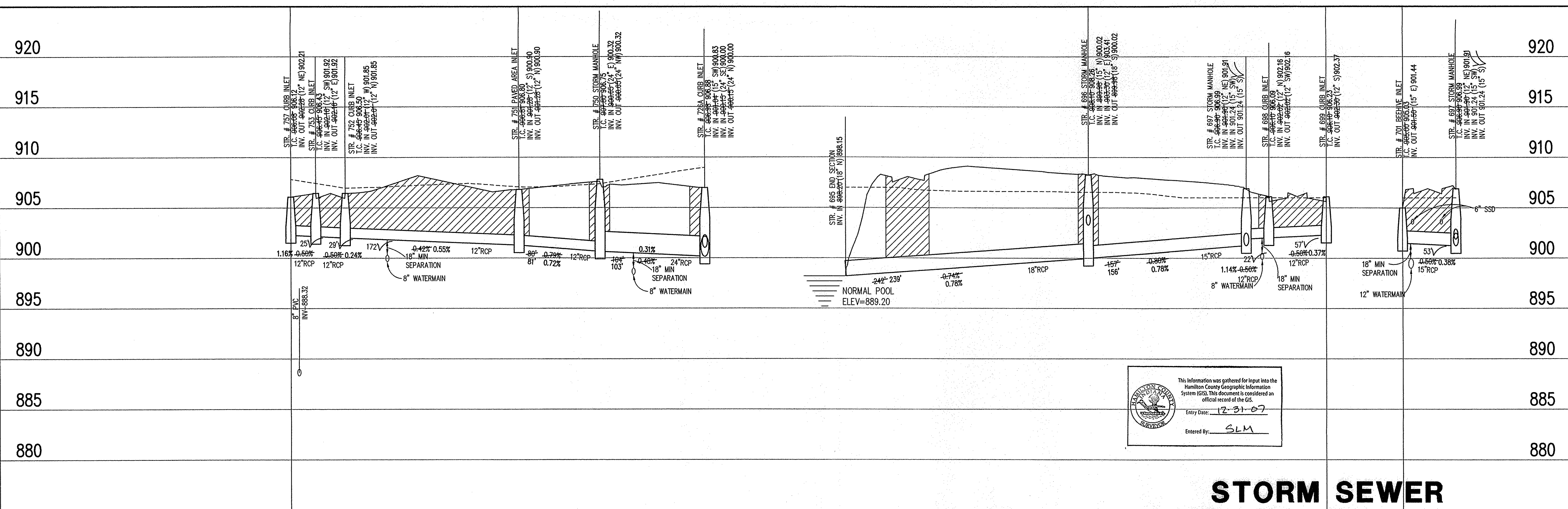


BLOCK "I"



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: 12-31-07  
 Entered By: SLM

STORM SEWER RECORD DRAWING

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

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

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

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

LEGEND/DETAILS

Sheet	Date	Description
CE03 1		Bedding Detail - Reinforced Concrete Pipe (RCP)
CE03 5		Straight Curb Inlet Detail
CE03 3		Beehive Inlet Detail
CE03 4		Paved Area Inlet
CE03 2		Storm Manhole Detail
CE03 8		Precast Concrete End Section
CE03 9		RipRap Detail @ End Section

NOTE

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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

REVISIONS: 05/05/05: REVISION PER T.C. COMMENTS, AND CLIENT LANSER IN CHANGES.  
 02/20/05: REVISION PER T.C. COMMENTS, POND 7 AND UPDATED SURROUNDING STORM, ADDITIONAL STORM RUNS NEAR RONALD REAGAN GREEN AND IN MASS GRADING AREA.  
 01/10/05: ALL UTILITY LOCATIONS SHOWN ARE THE EXCLUSIVE 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.  
 11/05/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.  
 08/05/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.  
 07/19/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.  
 06/02/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.  
 05/11/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.  
 04/15/04: REVISION PER T.C. COMMENTS, PER HSDO COMMENTS.

**BRANDON T. BURK**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 10000075  
 STATE OF INDIANA

DATE: 3/1/05

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. (2005)

**Schneider**

THE SCHNEIDER CORPORATION  
 12821 E. New Market Street  
 Suite 100  
 Carmel, IN 46032  
 Telephone: 317.569.8112  
 Fax: 317.626.6410  
 www.schneidercorp.com

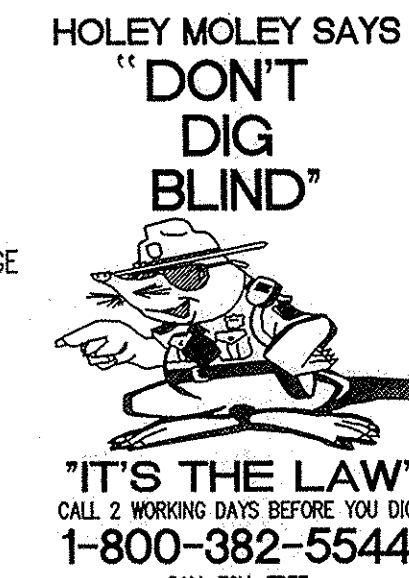
Architecture  
 Civil Engineering  
 Environmental Engineering  
 Geotechnical Services  
 GIS \* LIS  
 Home Builder Services  
 Interior Design  
 Land Surveying  
 Landscape Architecture  
 Transportation Engineering

Village of WestClay  
 SECTION 6001  
 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: H:\2238\6001\DWG\6001-600.DWG  
 XREF: 6001-BS.DWG  
 XREF: 6002-BS.DWG  
 XREF: 6003-BS.DWG  
 XREF: PETTIGRU-BS.DWG  
 XREF: CAZLDWG  
 XREF: STORM.DWG  
 SHEET NO: C605

**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

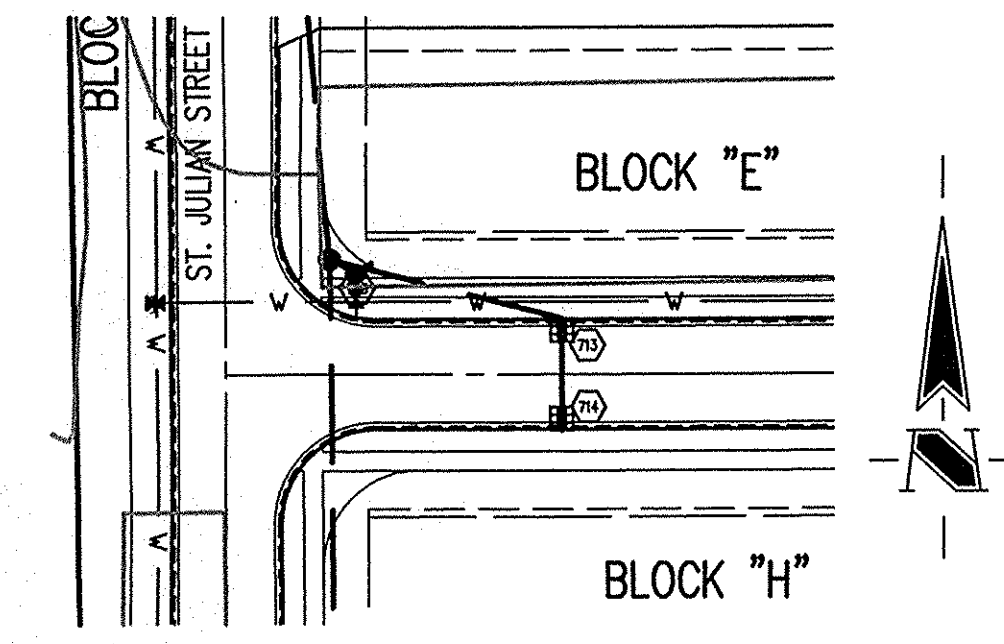
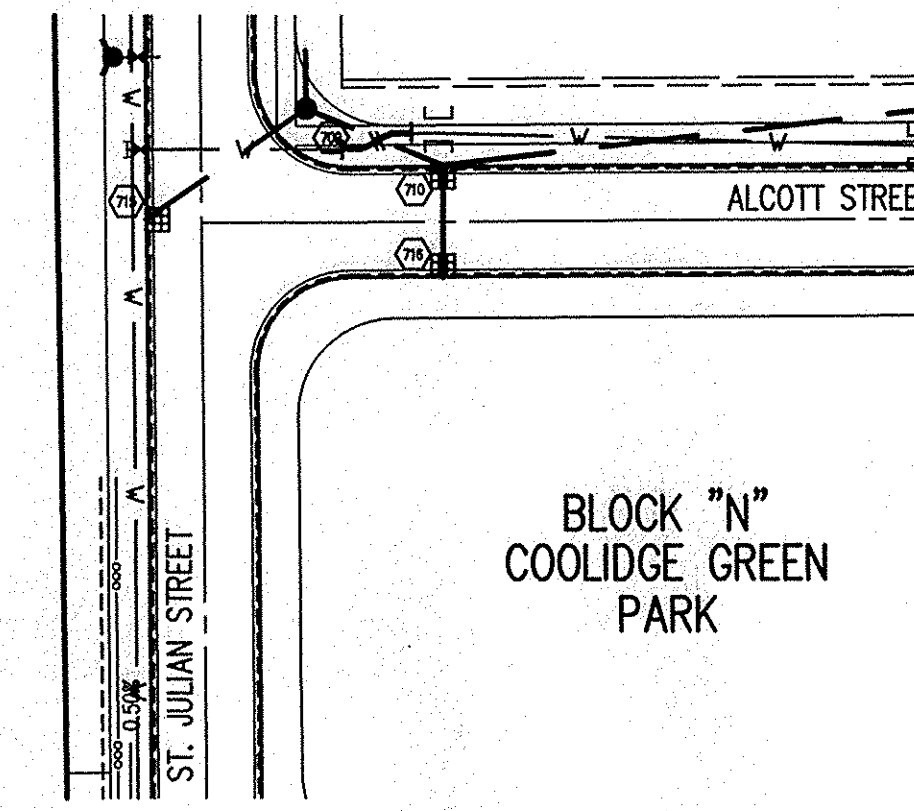
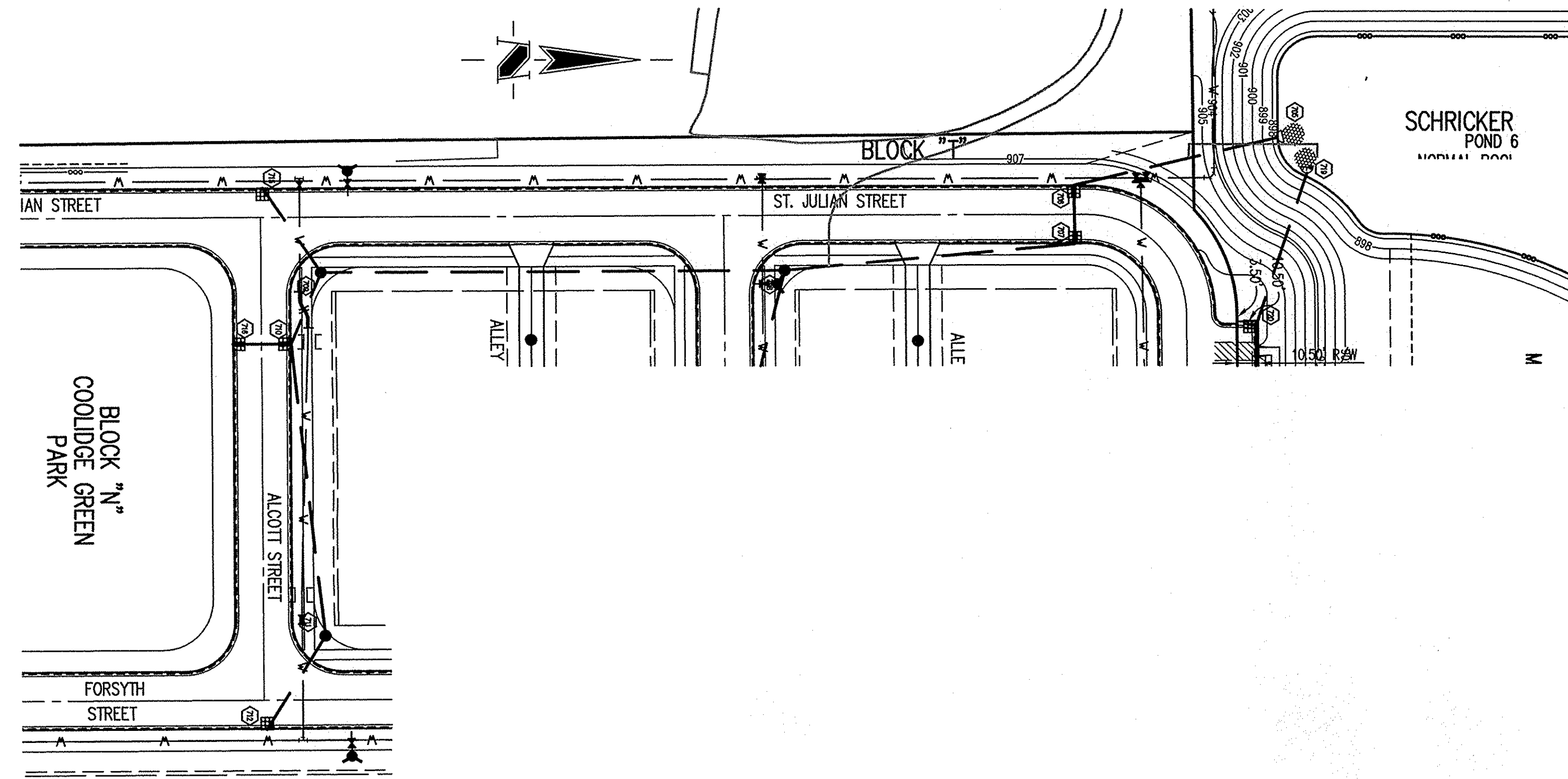


**"IT'S THE LAW"**  
 CALL 2 WORKING DAYS BEFORE YOU DIG  
 1-800-382-5544  
 CALL TOLL FREE  
 PER INDIANA STATE LAW 15-69-1991,  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

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

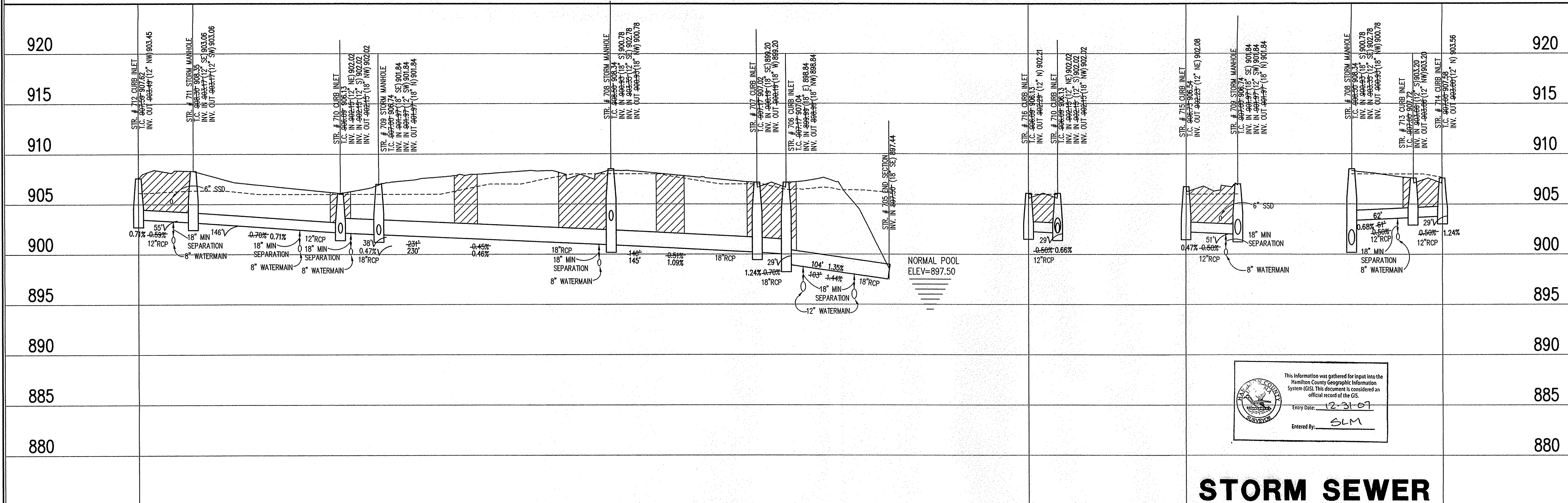
**GENERAL NOTES**

- 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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.



**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: 12-31-09  
 Entered By: SLM

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

LEGEND		
	Existing Grade	
	New Grade	
	Granular Backfill	

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

REVISIONS:  
 1. DEC. 5/20/06: REVISED PER THE COMMENTS AND CLIENT LAMPFRAN CHANGES.  
 2. DEC. 6/20/06: REVISED PAVEMENT, PAVING, PAVERS AND UPDATED SURROUNDING STORM; ADDED SURROUNDING STORM; ADDED STORM MAINS STANDARDS REGION GREEN AND IN MASS GRADING AREA.  
 3. DEC. 11/15/06: ADDED STORM MAINS STANDARDS REGION GREEN AND IN MASS GRADING AREA.  
 4. REV. 1/15/06: RECORD DRAWING

**BENJAMIN T. BURKE**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 10000075  
 STATE OF INDIANA  
 BRANDON T. BURKE  
 DATE: 3/1/05  
 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. (2005)

**Schneider**  
 THE SCHNEIDER CORPORATION  
 12821 E. New Market Street  
 Suite 100  
 Carmel, IN 46032  
 Telephone: 317.559.8112  
 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 6001  
 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\C601-609.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.: C606

**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.
5. FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

**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

Village of WestClay  
FUTURE AMENITY AREA  
SECTION 6003

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

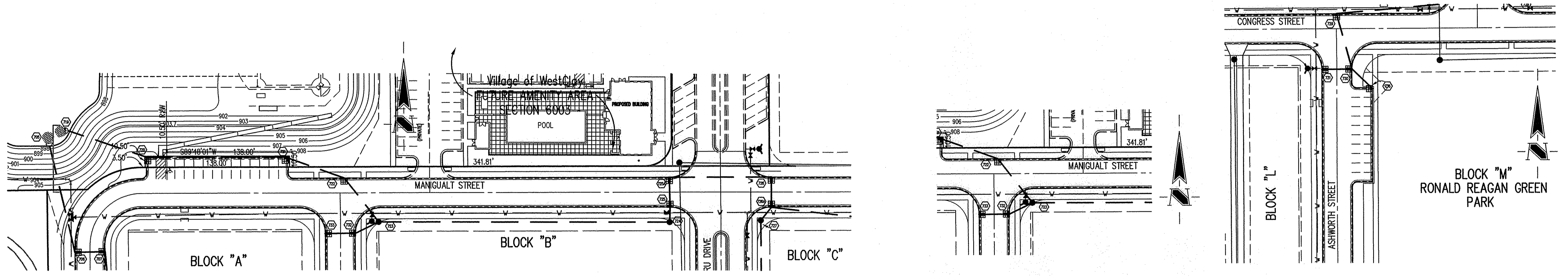


**"IT'S THE LAW"**  
CALL 2 WORKING DAYS BEFORE YOU DIG  
**1-800-382-5544**  
CALL TOLL FREE  
PER INDIANA STATE LAW IS-69-1991.  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

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

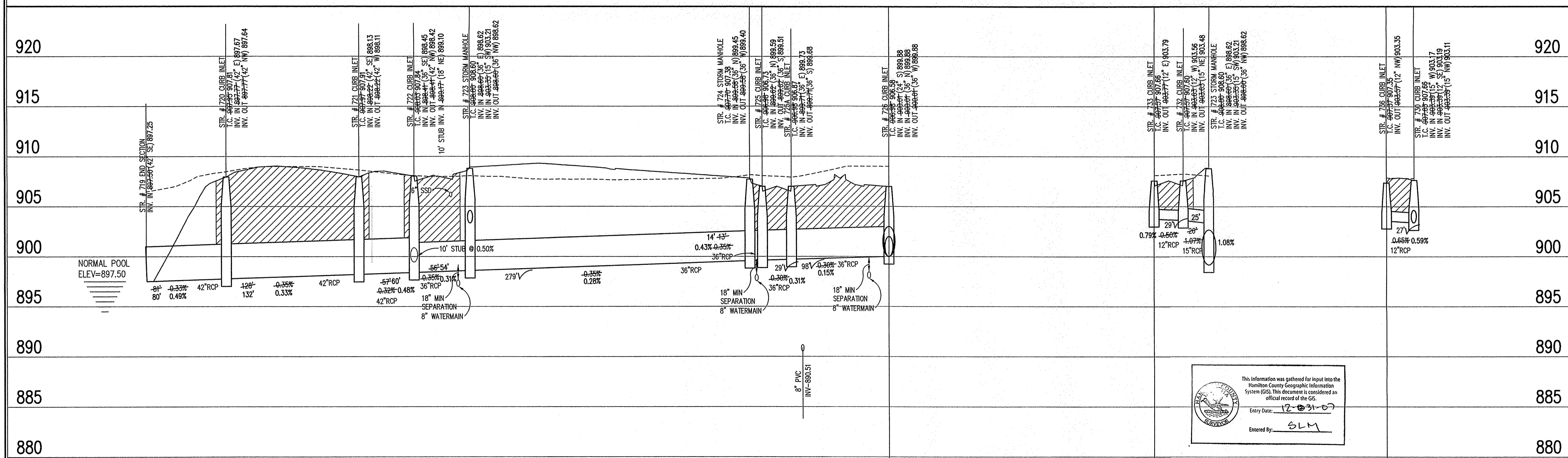
LEGEND/DETAILS

REVISIONS:  
1. 05/05/05: REVISION PER TAC COMMENTS, AND CLIENT LAYOUT CHANGES.  
2. 05/05/05: REVISION FOR FLOOD, FLOOD, AND UPDATED SURROUNDING STORM. ADD TO ADDITIONAL STORM RUNS NEAR RONALD REAGAN GREEN AND IN MASS GRADING AREA.  
3. 05/05/05: REVISION PER TAC COMMENTS, AND CLIENT LAYOUT CHANGES.  
4. 05/05/05: REVISION PER TAC COMMENTS, AND CLIENT LAYOUT CHANGES.  
5. 05/05/05: REVISION PER TAC COMMENTS, AND CLIENT LAYOUT CHANGES.  
6. 05/05/05: REVISION PER TAC COMMENTS, AND CLIENT LAYOUT CHANGES.



**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: 12-31-07  
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 PROFESSIONAL ENGINEER  
No. 10000075  
STATE OF INDIANA

DATE: 3/1/05

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. (2005)

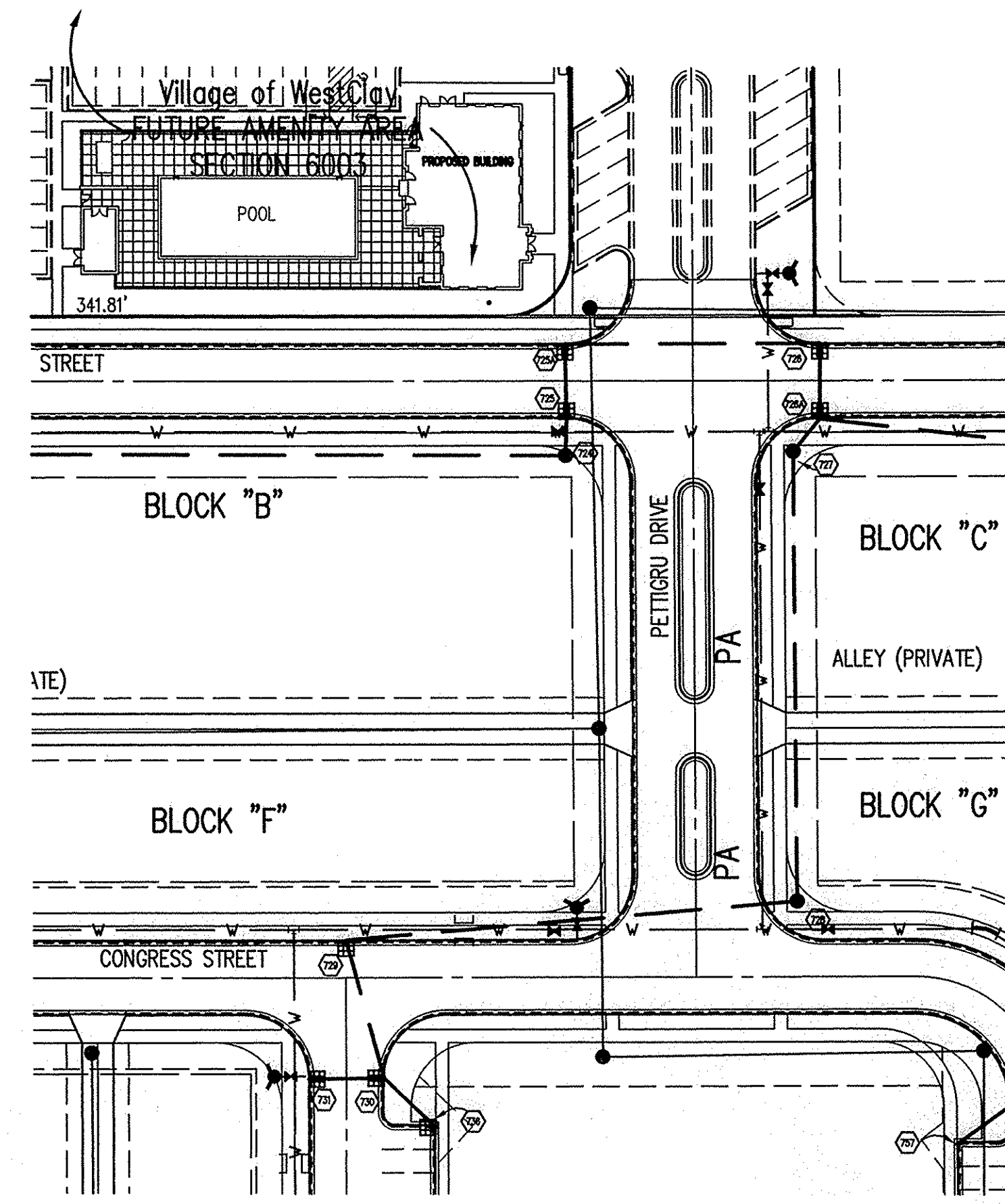
**Schneider**

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 6001  
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: H:\2005\6001\DWGS\6001-608.DWG  
XREF: 6001-BS.DWG  
XREF: 6002-BS.DWG  
XREF: 6003-BS.DWG  
XREF: FETTER-BS.DWG  
XREF: CAZL.DWG  
XREF: STORM.DWG  
SHEET NO.: C607



**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

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

**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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

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

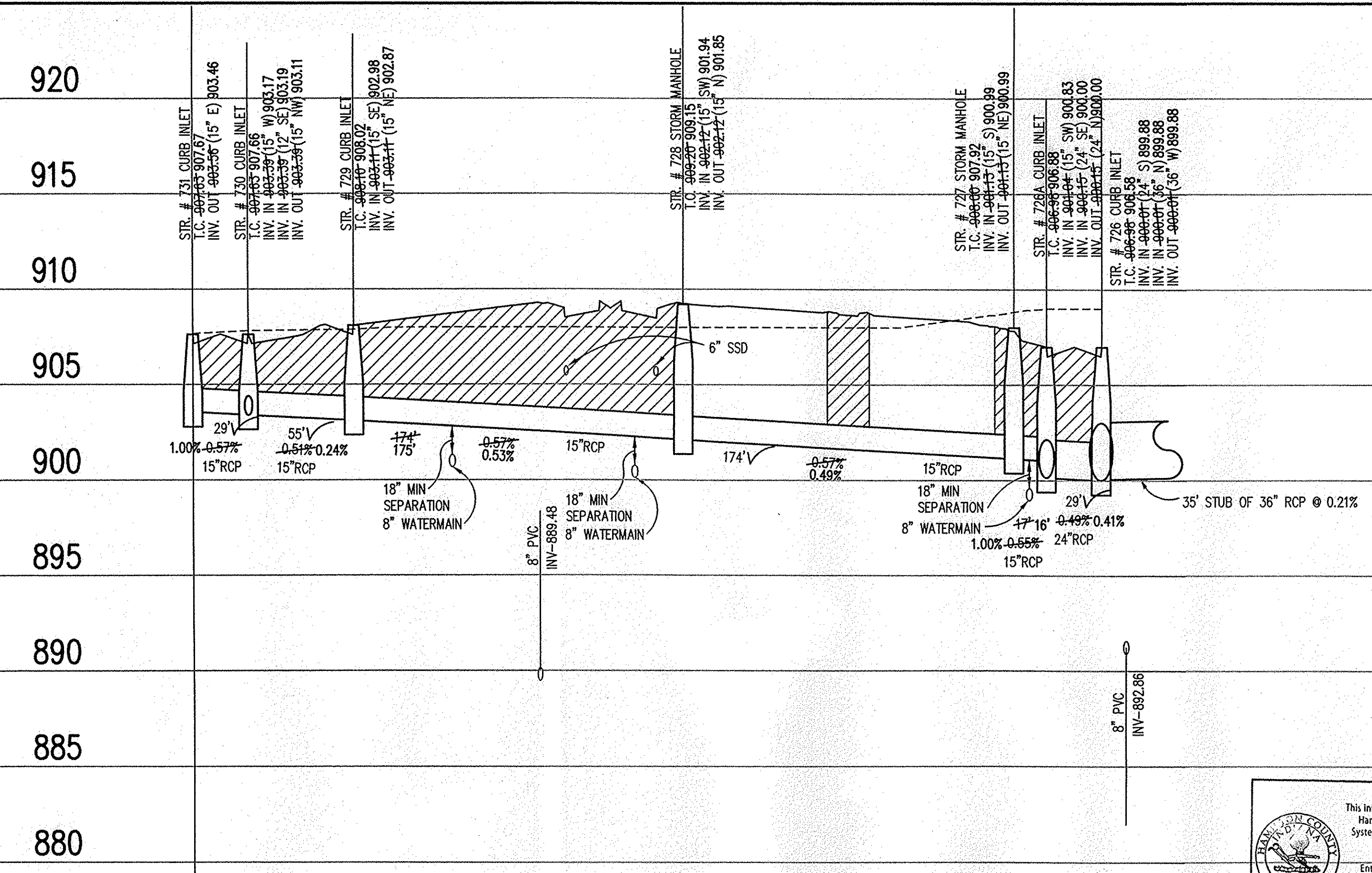
**"IT'S THE LAW"**  
 CALL 2 WORKING DAYS BEFORE YOU DIG  
**1-800-382-5544**  
 CALL TOLL FREE  
 PER INDIANA STATE LAW IS-69-1991  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

REVISIONS:  
 1. DCC 2/29/05 REVISION PER IAC COMMENTS AND CLIENT LANDMARK CHANGES.  
 2. DCC 3/1/05 REVISION PER IAC COMMENTS AND CLIENT LANDMARK CHANGES.  
 3. DCC 3/1/05 REVISION PER IAC COMMENTS AND CLIENT LANDMARK CHANGES.  
 4. DCC 3/1/05 REVISION PER IAC COMMENTS AND CLIENT LANDMARK CHANGES.  
 5. DCC 3/1/05 REVISION PER IAC COMMENTS AND CLIENT LANDMARK CHANGES.

**BRANDON T. BURK**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 10000075  
 STATE OF INDIANA  
 DATE: 3/1/05  
 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. (2005)

**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: 12-31-07  
 Entered By: SLM

**STORM SEWER PROFILE**

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

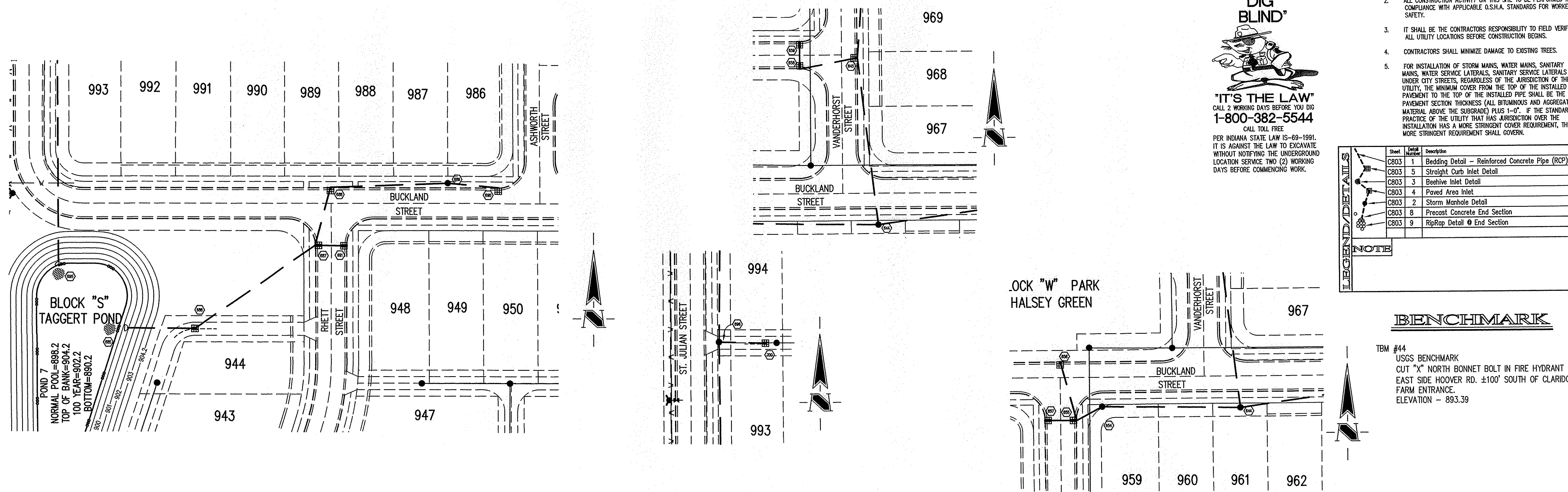
SCALE: HORZ.: 1"=50'  
 VERT.: 1"=5'

**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 6001  
 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:\1238\6001\DWG\SS\6001-608.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.:	

**C608**



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**

- 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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

**LEGEND/DETAILS**

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

**BENCHMARK**

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

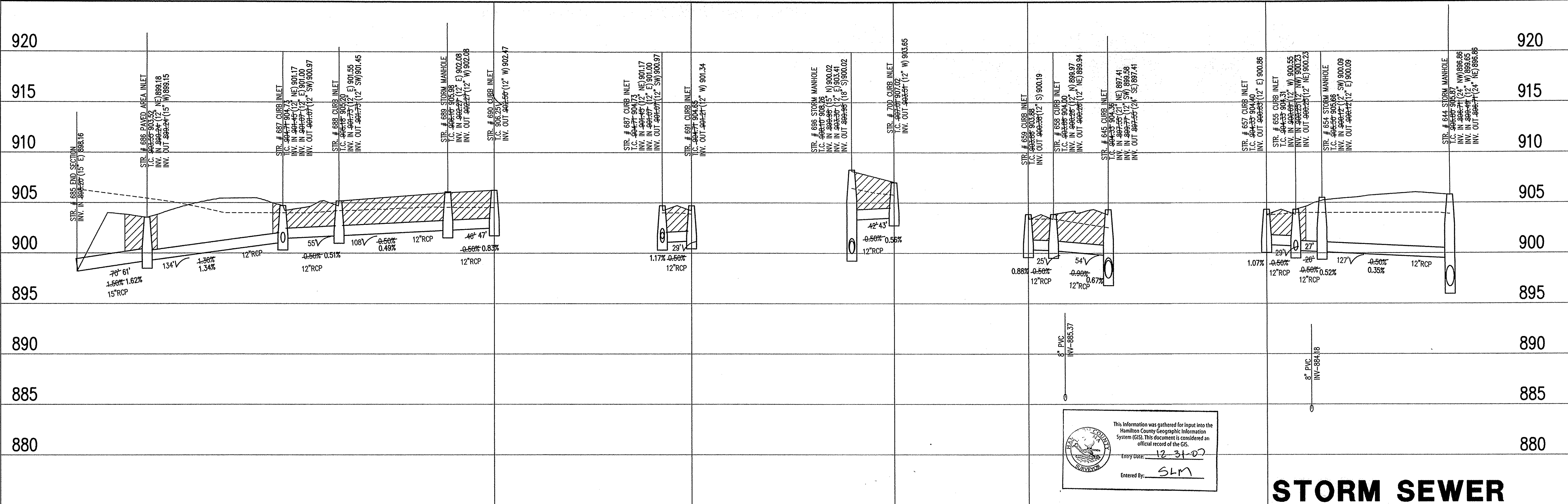
REVISIONS:  
 1. DEC. 05/06 REVISIONS: STORM, MAND  
 2. DEC. 07/06 ADD STORM MAINS NEAR RAILROAD REAR AND IN MASS GRADING AREA  
 3. DEC. 10/24/06 REVISION TO PER ALLEY ENTRANCE ADJUSTMENTS.  
 4. DEC. 10/24/06 REVISION TO PER ALLEY ENTRANCE ADJUSTMENTS.  
 5. DEC. 11/13/06 "RECORD DRAWING"

**BRANDON T. BURKE**  
 REGISTERED  
 No. 10000075  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
*Brandon T. Burke*  
 DATE: 3/1/05  
 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. (2005)

  
**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

**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: 12-31-07  
 Entered By: SLM

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

Existing Grade	New Grade	Granular Backfill

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

Village of WestClay  
 SECTION 6001  
 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: H:\238\6001\DWG\C610-C612.DWG	
XREF: 6001-BS.DWG	
XREF: 6002-BS.DWG	
XREF: STORM.DWG	

SHEET NO.: **C610**

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-69-1891, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

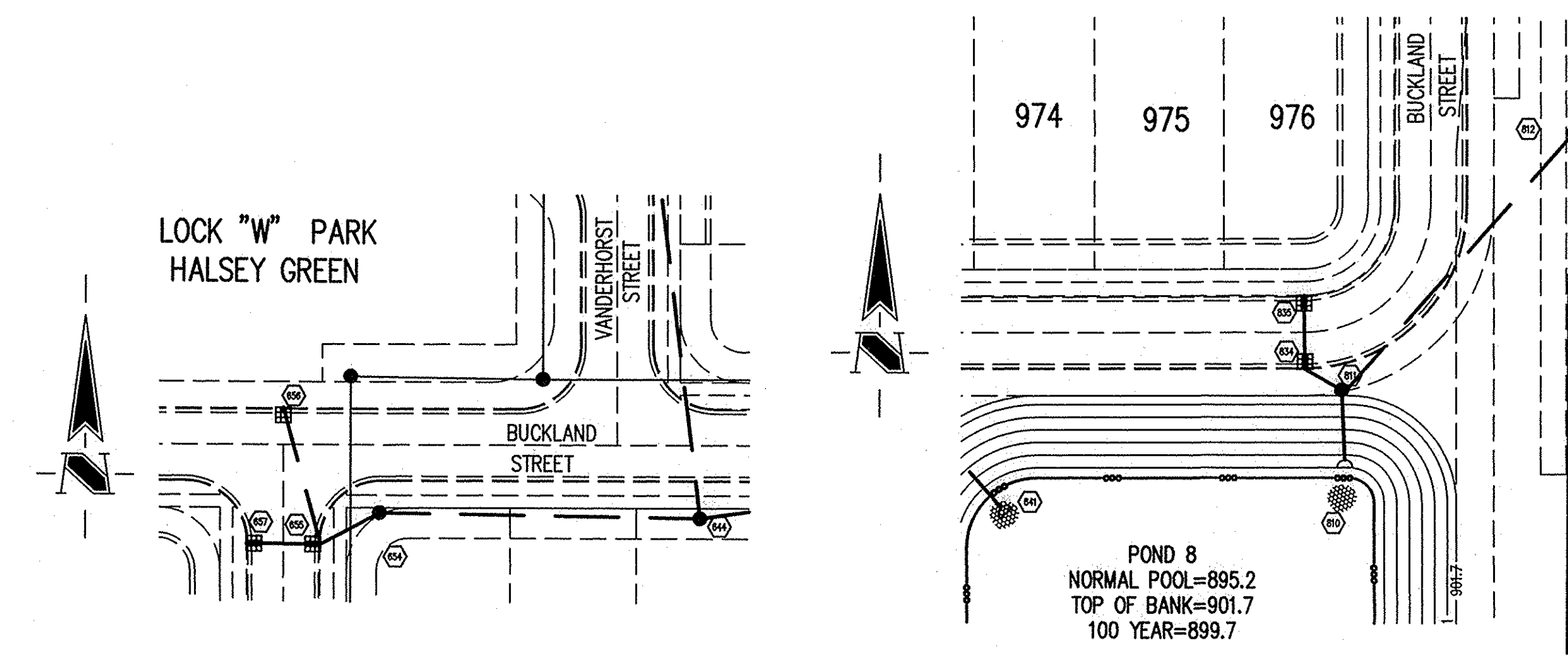
**GENERAL NOTES**

- 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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

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

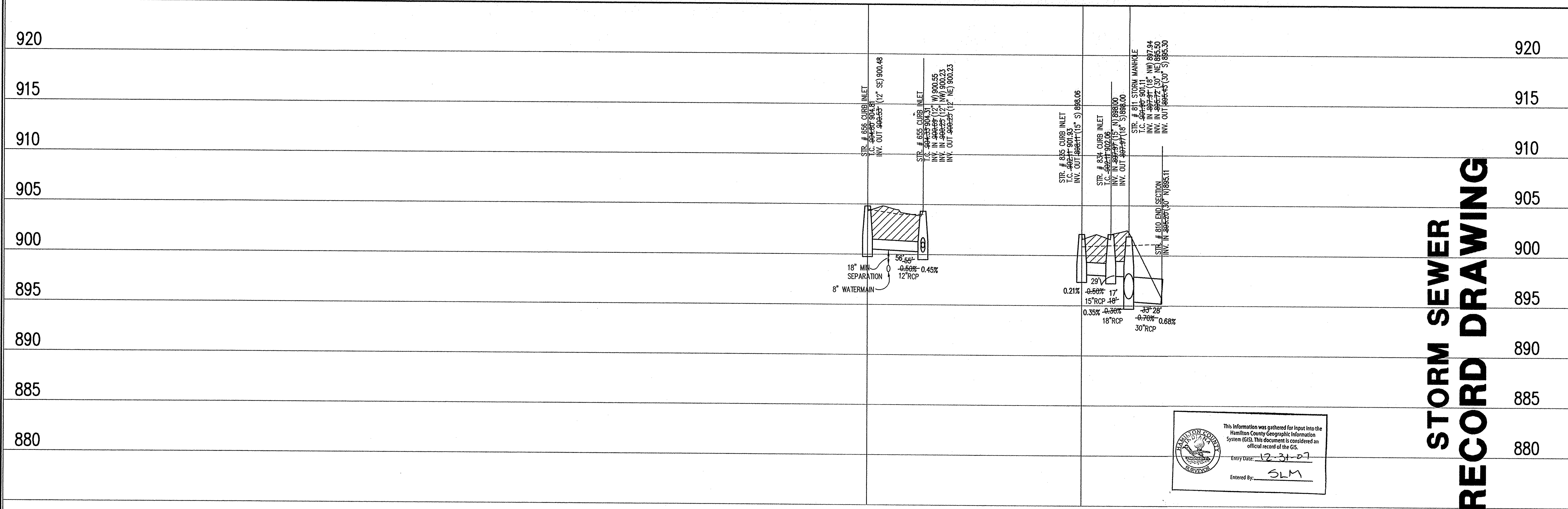
**BENCHMARK**

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



**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: 12-31-07  
Entered By: SLM

**STORM SEWER PROFILE**

LEGEND		
	Existing Grade	
	New Grade	
	Granular Backfill	

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

REVISIONS:  
1. DCC 6/10/05 AS PER REVISED POND 8 AND UTILITY REVISIONS DRAWING ADDED TO APPLICABLE LOCAL AND STATE STANDARDS.  
2. DCC 7/7/05 ALL PER CLIENT REQUEST.  
3. DCC 7/13/05 ADDED EAST SIDE HOOVER ROAD STORM SEWER PER VISO COMMENTS.  
4. DCC 7/13/05 RECORD DRAWING.

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

*Bradon T. Burke*  
DATE: 3/1/05

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. (2005)

**Schneider**

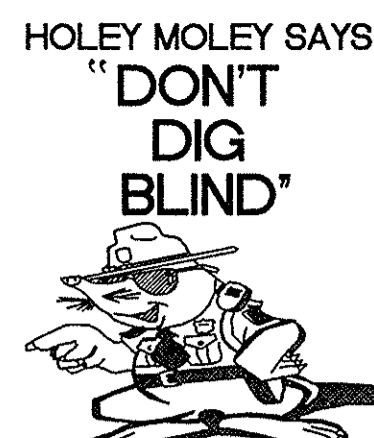
THE SCHNEIDER CORPORATION  
12521 E. New Market Street  
Suite 100  
Carmel, IN 46032  
Telephone: 317.569.8112  
Fax: 317.826.6410  
www.schneidercorp.com

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

Village of WestClay  
SECTION 6001  
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:  
H:\1238.6001\DWG\C610-C612.DWG  
XREF: 6001-BS.DWG  
XREF: 6002-BS.DWG  
XREF: STORM.DWG

SHEET NO.:  
**C611**



"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.

CERTIFICATION FOR "RECORD DRAWING"

*Brandon T. Burke*  
REGISTERED  
No. 10000075  
STATE OF INDIANA  
PROFESSIONAL ENGINEER  
DATE: 8/13/07

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

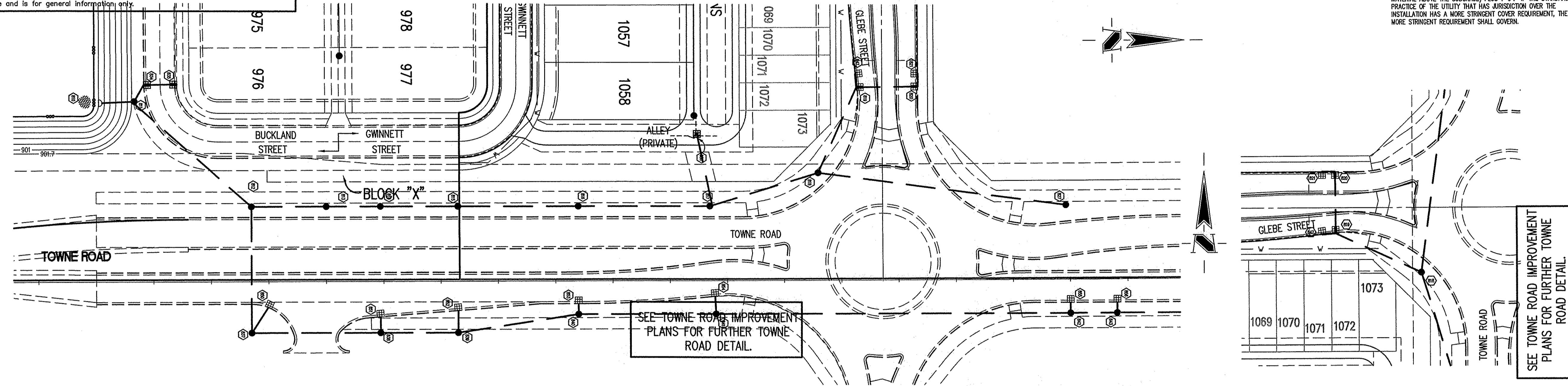
BENCHMARK

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

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

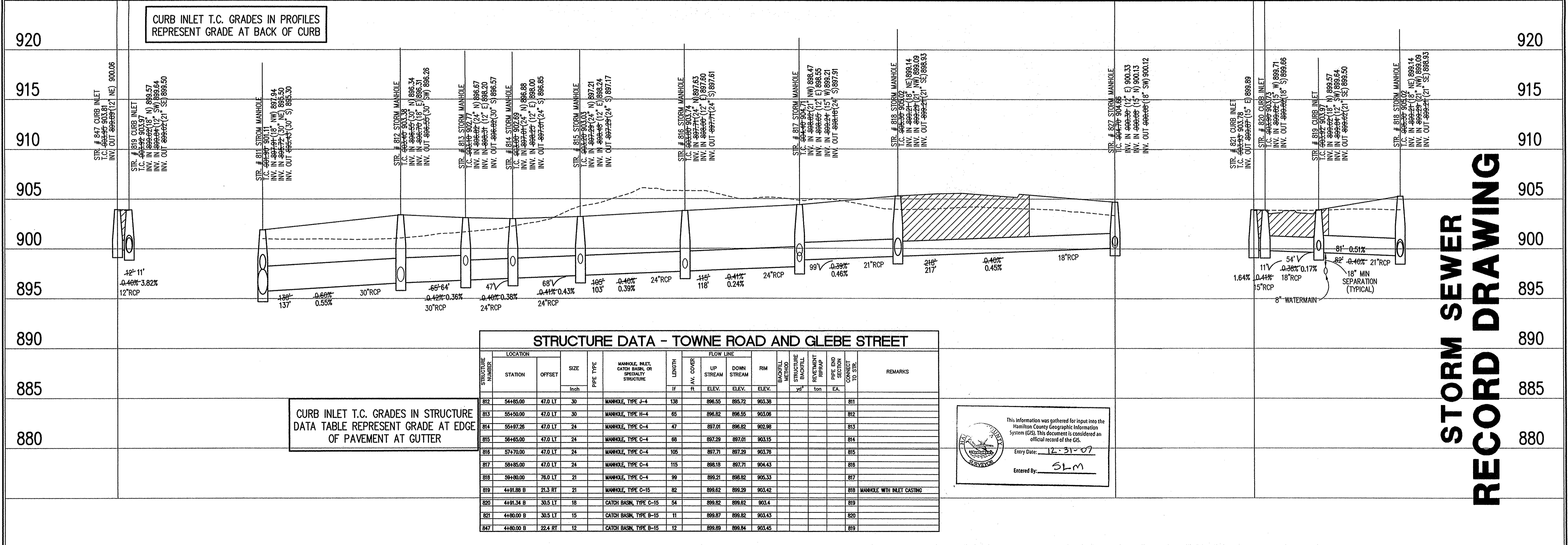
GENERAL NOTES

- 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.
- FOR INSTALLATION OF STORM MAINS, WATER MAINS, SANITARY MAINS, WATER SERVICE LATERALS, SANITARY SERVICE LATERALS UNDER CITY STREETS, REGARDLESS OF THE JURISDICTION OF THE UTILITY, THE MINIMUM COVER FROM THE TOP OF THE INSTALLED PAVEMENT TO THE TOP OF THE INSTALLED PIPE SHALL BE THE PAVEMENT SECTION THICKNESS (ALL BITUMINOUS AND AGGREGATE MATERIAL ABOVE THE SUBGRADE) PLUS 1'-0". IF THE STANDARD PRACTICE OF THE UTILITY THAT HAS JURISDICTION OVER THE INSTALLATION HAS A MORE STRINGENT COVER REQUIREMENT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.



STORM SEWER PLAN

SCALE: 1"=50'



CURB INLET T.C. GRADES IN PROFILES REPRESENT GRADE AT BACK OF CURB

CURB INLET T.C. GRADES IN STRUCTURE DATA TABLE REPRESENT GRADE AT EDGE OF PAVEMENT AT GUTTER

STRUCTURE DATA - TOWNE ROAD AND GLEBE STREET

STRUCTURE NUMBER	LOCATION		SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN OR SPECIALTY STRUCTURE	FLOW LINE			BACKFILL METHOD (SEE BACKSLOPE)	REINFORCEMENT (RIPRAP)	PIPE END CONNECTION TO STR.	REMARKS	
	STATION	OFFSET				LENGTH	UP STREAM	DOWN STREAM					RM
812	54485.00	47.0 LT	30		MANHOLE, TYPE J-4	138	896.50	895.72	903.39			811	
813	55450.00	47.0 LT	30		MANHOLE, TYPE H-4	65	896.82	896.55	903.08			812	
814	55497.26	47.0 LT	24		MANHOLE, TYPE C-4	47	897.01	896.82	902.98			813	
815	56465.00	47.0 LT	24		MANHOLE, TYPE C-4	98	897.29	897.01	903.15			814	
816	57470.00	47.0 LT	24		MANHOLE, TYPE C-4	105	897.71	897.29	903.76			815	
817	58485.00	47.0 LT	24		MANHOLE, TYPE C-4	115	898.18	897.71	904.43			816	
818	59490.00	78.0 LT	21		MANHOLE, TYPE C-4	99	899.21	898.82	905.33			817	
819	4491.89 B	21.3 RT	21		MANHOLE, TYPE C-15	82	899.62	899.29	903.42			818 MANHOLE WITH INLET CASTING	
820	4491.34 B	30.5 LT	16		CATCH BASIN, TYPE C-15	54	899.62	899.82	903.4			819	
821	4490.00 B	30.5 LT	15		CATCH BASIN, TYPE B-15	11	899.87	899.82	903.43			820	
824	4480.00 B	22.4 RT	12		CATCH BASIN, TYPE B-15	12	899.89	899.84	903.45			819	

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: 12-31-07  
Entered By: SLM

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

REVISIONS:  
1. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
2. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
3. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
4. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
5. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
6. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.  
7. DEC. 8/20/05 REVISED FLOOD FLOODS, FLOODS AND UPDATED SURROUNDING STORM. ADDED ADDITIONAL STORM RUNS NEAR RAVEN GREEN AND IN MASS GRADING AREA.

DATE:  
THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION. ANY AND ALL USE OF THIS DRAWING, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.  
© COPYRIGHTED BY THE SCHNEIDER CORP. (2005)

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

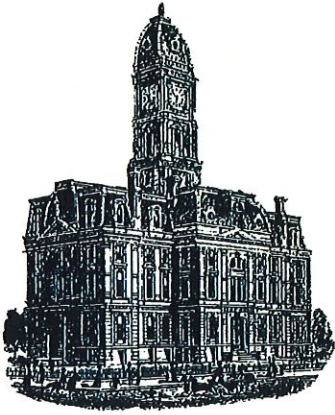
Architecture  
Civil Engineering  
Environmental Engineering  
Geotechnical Services  
GIS \* LIS  
Home Interior Services  
Builder Design  
Land Surveying  
Landscape Architecture  
Transportation Engineering

Village of WestClay  
SECTION 6001  
CARMEL, INDIANA  
BRENNWICK DEVELOPMENT CO.  
CARMEL, INDIANA

DATE: 3/1/05 PROJECT NO.: 1239.6001  
DRAWN BY: DCC CHECKED BY:  
SHEET TITLE: STORM SEWER PLAN & PROFILE  
DRAWING FILES: H:\2005\6001\WCS\6510-0512.DWG  
XREF: 6001-BS.DWG  
XREF: 6002-BS.DWG  
XREF: STORM.DWG

SHEET NO.: C612





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

**Map Correction-Field Verification**

**Drain Number:** #312

**Drain Length:** 8086

**Drain Name:** Village of West Clay 6001 & 6002

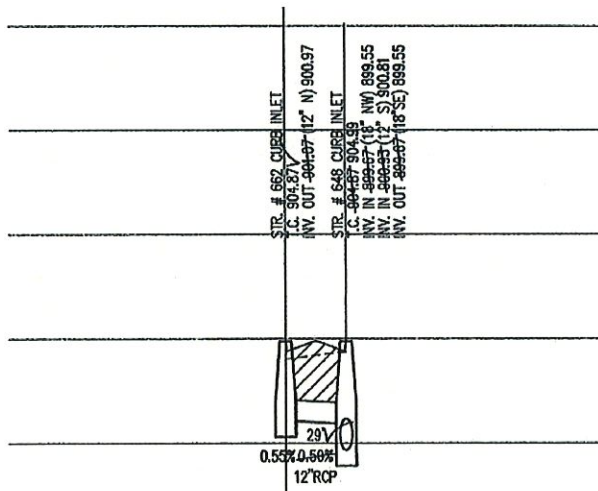
**Change + / - :** 29

**Date:** 11-16-2016

**New Length:** 8115

**Verified By:** SLM

**Notes & Sketch:** Missed this section of 12" RCP on Final Report. (Str.682-648)



**Suzanne L. Mills**  
 GIS Specialist