

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 8, 2004

TO: Hamilton County Drainage Board

RE: Village of West Clay Drain, Section 9005

Attached is a petition filed by Brenwick Development along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 9005 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	285 ft.	21" RCP	305 ft.
15" RCP	54 ft.	30" RCP	69 ft.
18" RCP	421 ft.		

The total length of the drain will be 1,134 feet.

The retention pond (lake) located in Block "A", Elgin Pond Commons is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) 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 Commissioners 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 lots, \$ 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 \$3,029.10.

The petitioner has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties which are in the form of a Performance Bond are as follows:

Agent: Bond Safeguard Insurance  
Date: 05/14/04  
Number: 5012096  
For: Erosion Control  
Amount: \$32,000.00

Agent: Bond Safeguard Insurance Company  
Date: 05/14/04  
Number: 5012097  
For: Storm Sewers  
Amount: \$63,216.00

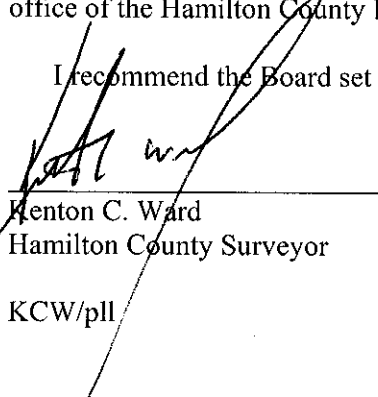
Agent: Bond Safeguard Insurance  
Date: 05/14/04  
Number: 5012095  
For: Monuments and Markers  
Amount: \$7,300.00

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

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in 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 request. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Village of West Clay Section 9005 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 22, 2004.



---

Kenton C. Ward  
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA )  
 )  
COUNTY OF HAMILTON )

TO: HAMILTON COUNTY DRAINAGE BOARD  
c/o Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Village of WestClay Subdivision,  
Section 9005 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

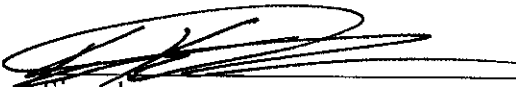
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system, which will be made a regulated drain. The bond will be in the amount of 100% 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 Petitioner's cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

  
 \_\_\_\_\_  
 Signed

KEVIN KRUEK BREWICK DEVELOPMENT COMPANY, INC  
 Printed Name AN AGENT TO BREWICK TRD COMMUNITIES, LLC  
 (OWNER)

\_\_\_\_\_  
 Signed

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

RECORDED OWNER(S) OF LAND INVOLVED

DATE 3/25/04

# PROPOSAL & CONTRACT



DATE: March 12, 2004

CUSTOMER: Brenwick Development Co.

JOB NAME: West Clay 9005

LOCATION: Carmel, IN

VALENTI-HELD CONTRACTOR / DEVELOPER, INC. agrees to furnish and install the necessary materials, equipment, and labor, in the manner described below, and to perform such construction in a workmanlike manner, and as expeditiously as the construction schedule and weather conditions permit (but subject to delays from causes beyond our control; such as strikes, shortage of labor, fires, accidents, or acts of God). Our workmanship and material is guaranteed for one year from the date of job completion. In the event that defective workmanship or materials are determined to have occurred, VALENTI-HELD CONTRACTOR / DEVELOPER, INC. shall be liable only for the replacement of same. This proposal is valid for 30 days & is subject to increase due to fluctuation in labor and material costs if not started within 60 days.

This proposal is based on drawings and specifications prepared by The Schneider Corp. dated 11/26/03 with no revisions. All topographic information provided on these drawings is assumed to be within + or - 0.5 feet of the actual elevation encountered at the project site and the average elevation of the entire site is assumed to be within + or - 0.1 feet of the actual elevations that exist on the site. We reserve the right to adjust our earthwork bid amount if a greater variance is found to exist and/or make field adjustments to design elevations (with the engineer's approval) in order to achieve the anticipated earthwork balance. Verification of existing elevations will take place as soon as construction staking for the project occurs.

### III. STORM SEWERS

#### Includes:

- A. Excavation and placement of the R.C.P. as shown on the drawings.
- B. Inlets and manholes.
- C. Concrete end sections.
- D. Riprap.
- E. Sand backfill as required in proposed pavement areas for RCP.
- F. 6" subsurface drains under curbs and in yard areas as shown
- G. #8 stone backfill as required for subsurface drains.
- H. 3 Year - 20% Maintenance bond.

#### Excludes:

- A. Field engineering and soils testing.
- B. Permits or performance bonds.
- C. Relocation of existing utilities.
- D. Granular or stone bedding of any kind for RCP.
- E. Cost for design engineer to produce as-built record drawings.
- F. Locating or height adjustment of castings due to grade changes made by others (i.e., at the end of the maintenance bond period). This work will be performed on a Time & Material basis.

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

G. Sales tax.

FILED

MAY 11 2004

OFFICE OF HAMILTON COUNTY SURVEYOR

SEC. 9005 TOTAL BID AMOUNT = \$63,216.00

**WAYNE J. KRAMER INC.**

5845 S. 800 E.  
ZIONSVILLE, IN 46077

(317)-873-4558



Proposal No. 2106

Date 3/27/04

**Proposal Submitted To:**

Brenwick Development  
12722 Hamilton Crossing Blvd.  
Carmel, IN 46032

**Work to be Performed at:**  
WestClay Sect 9005

Attn: Kevin

**Project:** Erosion Control

*We hereby propose to furnish the materials and perform the labor necessary for the completion of:*

1. Permanent seeding 2 acres @ \$ 3,675 per acre	\$ 7,350
2. Temporary hydroseeding 3 acres @ \$ 1,840 per acre	\$ 5,520
3. Temporary broadcast seeding 9 acres @ \$ 625 per acre	\$ 5,625
4. Possible temp seed during earthwork activity 10 acres @ \$ 400 per acre	\$ 4,000
5. Erosion control mat 3,000 sq yds @ \$ 1.15 per sq yd	\$ 3,450
6. Silt fence 3,000 lin ft @ \$1.00 per lf	\$ 3,000
7. Misc. -inlet protection and clean-up	\$ 2,255
8. In sales tax on materials	\$ 800
<b>TOTAL</b>	<b>\$ 32,000</b>

FILED

MAY 18 2004

OFFICE OF HAMILTON COUNTY SURVEYOR

**Proposal Includes:**

All material guaranteed as specified and the above work performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of:

**Acceptance Of Proposal**

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to complete this contract as specified. Payment will be made as outlined.

Payment to be made as follows: \$32,000.00 Dollars net 30

Date of Acceptance: 5/10/04

Signature:

Signature: Date 3/27/04

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

BOND SAFEGUARD INSURANCE COMPANY  
Lombard, IL 60148



HCD 2004-00042

SUBDIVISION PERFORMANCE BOND

BOND #5012097

**KNOW ALL MEN BY THESE PRESENTS**, That we, Brenwick Development Company, Inc., 12821 East New Market Street, #200, Carmel, IN 46032, as Principal, and Bond Safeguard Insurance Company, 1919 S. Highland Avenue, Bldg. A-Suite 300, Lombard, IL 60148, as Surety, are held and firmly bound unto Board of Commissioners of Hamilton County, One Hamilton County Square, Noblesville, IN 46060, as Owner, in the sum of **\*\*Sixty Three Thousand Two Hundred Sixteen and 00/100\*\*Dollars (\$63,216.00)**, for payment of which we firmly bind ourselves, our heirs, executors, administrators, and assigns.

**THE CONDITION OF THIS BOND** is such that if the said Principal shall complete the construction of Storm Sewers for the Village of WestClay Subdivision, Section 9005 according to the approved plans and specifications on file with the Board of Commissioners of Hamilton County, then this obligation is null and void, otherwise to remain in full force and effect.

**IN WITNESS WHEREOF**, we have hereunto set our hands and seal this 14th Day of May, 2004.

Brenwick Development Company, Inc.

By: 

Keith Lash, VP OPERATIONS

Bond Safeguard Insurance Company

By: 

Deborah M. Roth, Attorney-in-Fact

American Contracting Services, Inc.  
7393 Business Center Drive, Suite 200  
Avon, IN 46123  
(317) 272-4861

# Bond Safeguard INSURANCE COMPANY



KNOW ALL MEN BY THESE PRESENTS, that **BOND SAFEGUARD INSURANCE COMPANY**, an Illinois Corporation with its principal office in Lombard, Illinois, does hereby constitute and appoint: Anthony George Balzano, Deborah Mary Roth, Jacqueline Demeter, James Boylan, Karen Reigers

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **BOND SAFEGUARD INSURANCE COMPANY** on the 7th day of November, 2001 as follows:

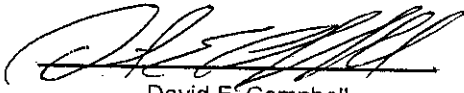
Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$500,000.00, Five Hundred Thousand Dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Vice President, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **BOND SAFEGUARD INSURANCE COMPANY** has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 7th day of November, 2001.

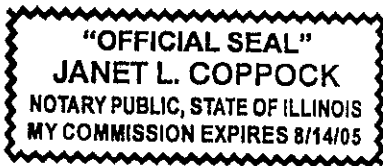


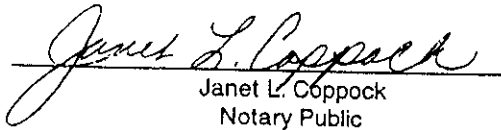
**BOND SAFEGUARD INSURANCE COMPANY**

BY   
David E. Campbell  
President

### ACKNOWLEDGEMENT

On this 7th day of November, 2001, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of **BOND SAFEGUARD INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.




  
Janet L. Coppock  
Notary Public

### CERTIFICATE

I, the undersigned, Secretary of **BOND SAFEGUARD INSURANCE COMPANY**, An Illinois Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Lombard, Illinois this 14th Day of May, 2004



  
Donald D. Buchanan  
Secretary





BOND SAFEGUARD INSURANCE COMPANY  
Lombard, IL 60148

HCD 2004-00043

SUBDIVISION PERFORMANCE BOND


BOND #5012096

KNOW ALL MEN BY THESE PRESENTS, That we, Brenwick Development Company, Inc., 12821 East New Market Street, #200, Carmel, IN 46032, as Principal, and Bond Safeguard Insurance Company, 1919 S. Highland Avenue, Bldg. A-Suite 300, Lombard, IL 60148, as Surety, are held and firmly bound unto Board of Commissioners of Hamilton County, One Hamilton County Square, Noblesville, IN 46060, as Owner, in the sum of **\*\*Thirty Two Thousand and 00/100\*\*Dollars (\$32,000.00)**, for payment of which we firmly bind ourselves, our heirs, executors, administrators, and assigns.

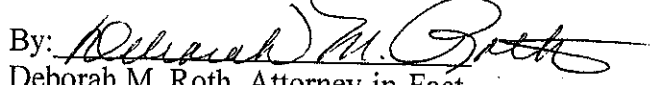
THE CONDITION OF THIS BOND is such that if the said Principal shall complete the construction of Erosion Control for the Village of WestClay Subdivision, Section 9005 according to the approved plans and specifications on file with the Board of Commissioners of Hamilton County, then this obligation is null and void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this 14th Day of May, 2004.

Brenwick Development Company, Inc.

By:   
Keith Lash, VI OPERATIONS

Bond Safeguard Insurance Company

By:   
Deborah M. Roth, Attorney-in-Fact

American Contracting Services, Inc.  
7393 Business Center Drive, Suite 200  
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(317) 272-4861

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This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **BOND SAFEGUARD INSURANCE COMPANY** on the 7th day of November, 2001 as follows:


Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$500,000.00, Five Hundred Thousand Dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Vice President, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **BOND SAFEGUARD INSURANCE COMPANY** has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 7th day of November, 2001.



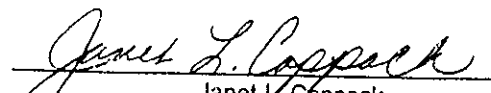
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BY   
David E. Campbell  
President

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Janet L. Coppock  
Notary Public

### CERTIFICATE

I, the undersigned, Secretary of **BOND SAFEGUARD INSURANCE COMPANY**, An Illinois Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Lombard, Illinois this 14th Day of May, 20 04



  
Donald D. Buchanan  
Secretary

FINDINGS AND ORDER

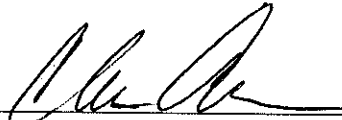
CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain Section 9005 Arm

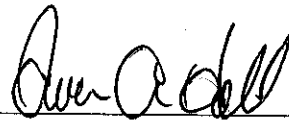
On this **22nd day of November, 2004**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Village of West Clay Drain Section 9005 Arm**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD



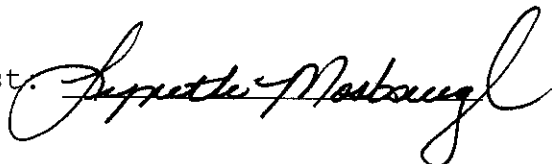
\_\_\_\_\_  
President



\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

Attest.



CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: Village of West Clay Section 9005

I hereby certify that:

1. I am a Register Engineer in the State of Indiana
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the Drainage Facilities for the above referenced subdivision, and
4. To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: Brandon T. Burke Date: 9-8-04

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

Business /Address: The Schneider Corporation

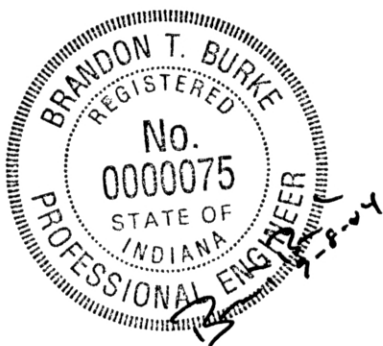
12821 E. New Market Street, Suite 100, Carmel, IN 46032

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 10000075

SEAL





SURVEYOR'S OFFICE

# Hamilton County

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

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

**To: Hamilton County Drainage Board**

**March 21, 2007**

**Re: Village West Clay: Section 9005**

Attached are as-builts, certificate of completion & compliance, and other information for Villages of West Clay Section 9005. 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 8, 2004. The report was approved by the Board at the hearing held November 22, 2004. (See Drainage Board Minutes Book 8, Pages 65-66)

The changes are as follows:

<b>Structure:</b>	<b>Length:</b>	<b>Size</b>	<b>Material:</b>	<b>Up Invert:</b>	<b>Dn Invert</b>	<b>Grade:</b>	<b>Changes(ft):</b>
643-642	224	21	RCP	892.33	891.06	0.57	-2
642-641	29	21	RCP	890.7	890.6	0.34	
641-640	50	21	RCP	890.6	890.32	0.56	
650-649	55	12	RCP	893.78	893.29	0.89	
651-649	29	12	RCP	893.31	893.17	0.48	
649-648	54	15	RCP	893.29	893.1	0.35	
648-647	148	18	RCP	893.1	892.83	0.18	
647-646	29	18	RCP	892.83	892.75	0.28	
646-645	172	18	RCP	892.75	892.45	0.17	1
645-644	71	18	RCP	892.45	892.31	0.2	-2
658-657	29	12	RCP	896.05	895.93	0.41	
657-656	174	12	RCP	895.93	894.71	0.7	2
656-655	56	30	RCP	892.43	892.2	0.41	-3

**RCP Pipe Totals:**

12	287
15	54
18	420
21	303
30	56

**Total:** 1120

The length of the drain due to the changes described above is now **1120 feet**.

The non-enforcement was approved by the Board at its meeting on November 22, 2004 and recorded under instrument #200400080358; #200500005499.

The following sureties were guaranteed by Bond Safeguard Insurance Company and have expired.

**Bond-LC No:** 5012097  
**Insured For:** Storm Sewers  
**Amount:** \$63,216.00  
**Issue Date:** May 14, 2004

**Bond-LC No:** 5012096  
**Insured For:** Erosion Control  
**Amount:** \$32,000.00  
**Issue Date:** May 14, 2004

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

Sincerely,



---

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm

**BENCHMARK**

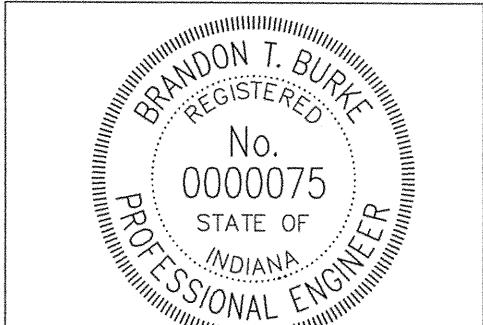
TBM #44  
 USGS BENCHMARK  
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT  
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE  
 FARM ENTRANCE.  
 ELEVATION - 893.39

**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 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.
- ALL BACKFILL WITHIN RIGHT OF WAY MUST BE MECHANICALLY COMPACTED IN LIFTS.

Sheet Number	Description
C801 14	Bedding Detail - Reinforced Concrete Pipe (RCP)
C801 16,18	Curb Inlet Detail
C801 17	Beehive Inlet Detail
C801 15,19	Storm Manhole Detail
C801 12	Precast Concrete End Section
C801 20	RipRap Detail @ End Section

REVISIONS:  
 1. SET 4/28/04, REVISED PER IAC COMMENTS  
 2. SET 6/27/04, "RECORD DRAWING"  
 3. SET 8/27/04, "RECORD DRAWING"

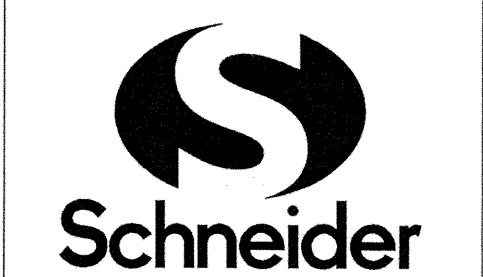


**Brandon T. Burk**  
 DATE: 2/18/04  
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HOLEY MOLEY SAYS  
**"DON'T DIG BLIND"**



**"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.  
 CONTACT THE CITY OF CARMEL UTILITY  
 DEPARTMENT AT (317) 571-7451 FOR  
 FIELD LOCATIONS OF CITY WATER MAINS.

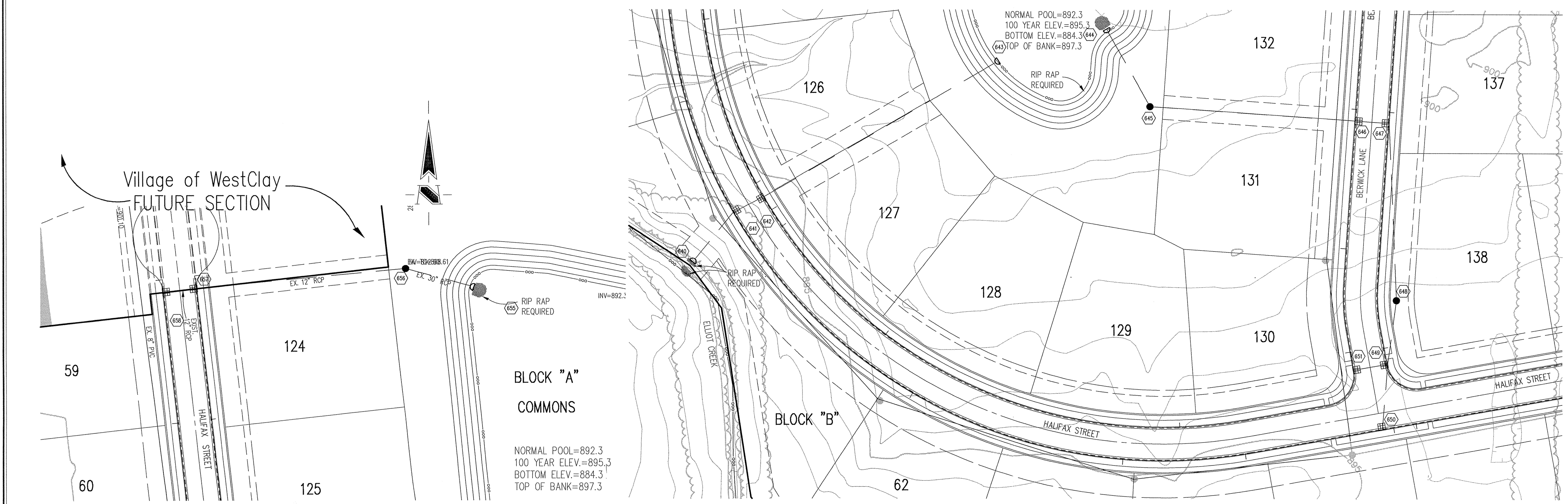


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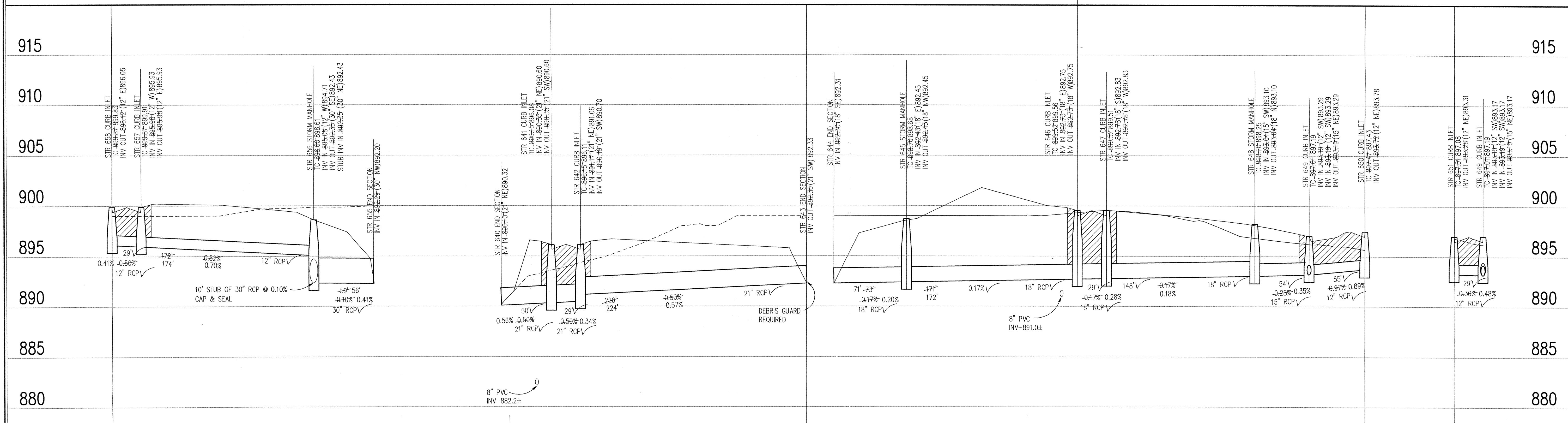
Village of WestClay  
**SECTION 9005**  
 CARMEL, INDIANA  
 BRENNICK DEVELOPMENT CO.  
 CARMEL, INDIANA

DATE: 11/26/03	PROJECT NO.: 1238.9005
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\238\9005\DWG\C601.DWG XREF: 9005-B5.DWG XREF: 9006-B5.DWG XREF: NOR-B5.DWG XREF: STORM.DWG	
SHEET NO.:	



**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

**LEGEND**

Existing Grade	New Grade	Granular Backfill

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

**STORM SEWER PROFILE**

**C601**

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HOLEY MOLEY SAYS  
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**"IT'S THE LAW"**  
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 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.
- GRANULAR BACKFILL SHALL BE NO. 8 CRUSHED LIMESTONE FOR BEDDING AND BACKFILL AROUND THE PIPE AND ALSO CLEAN MATERIAL FREE OF ROCKS, ETC. LARGER THAN 6" OR OTHER EXTRANEOUS MATERIAL. IN AREA WITHIN 5 FEET OF ROAD SURFACE, BACKFILL PER REQUIREMENTS OF IDOT AND COMPACT TO 95% MODIFIED PROCTOR. ALTERNATIVES MUST BE APPROVED THROUGH CITY OF CARMEL ENGINEERING.

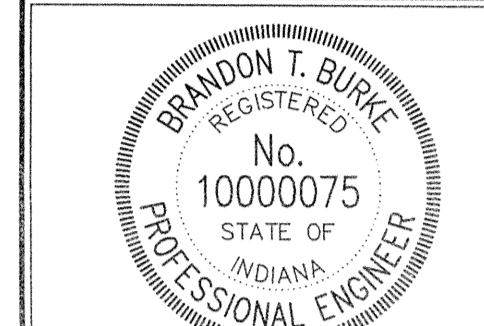
Sheet Number	Description
CB03 1	Bedding Detail - Reinforced Concrete Pipe (RCP)
CB03 5,7	Charback Curb Inlet Detail
CB03 4	Beehive Inlet Detail
CB03 3	Storm Manhole Detail
CB03 8	Precast Concrete End Section
CB03 9	RipRap Detail @ End Section

LEGEND/DETAILS  
 NOTE

**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. REV. 4/17/04. REVISION PER FAC COMMENTS.  
 2. REV. 5/11/04. REVISION PER FAC COMMENTS.  
 3. REV. 6/6/05. REVISION PER FAC COMMENTS.  
 4. REV. 6/6/05. REVISION PER FAC COMMENTS.



*Brandon T. Burke*  
 DATE: 3/1/04  
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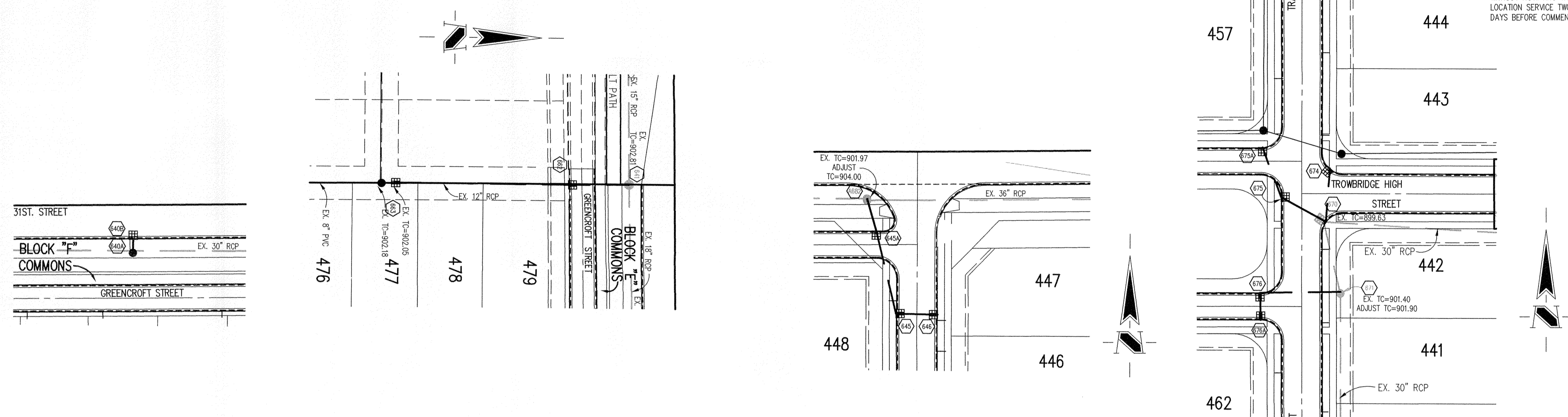
Village of WestClay  
 SECTION 5001  
 CARMEL, INDIANA  
 BRENNICK DEVELOPMENT CO.  
 CARMEL, INDIANA

DATE: 3/1/04 PROJECT NO.: 1238.5001  
 DRAWN BY: DCC CHECKED BY:

SHEET TITLE: STORM SEWER PLAN & PROFILE

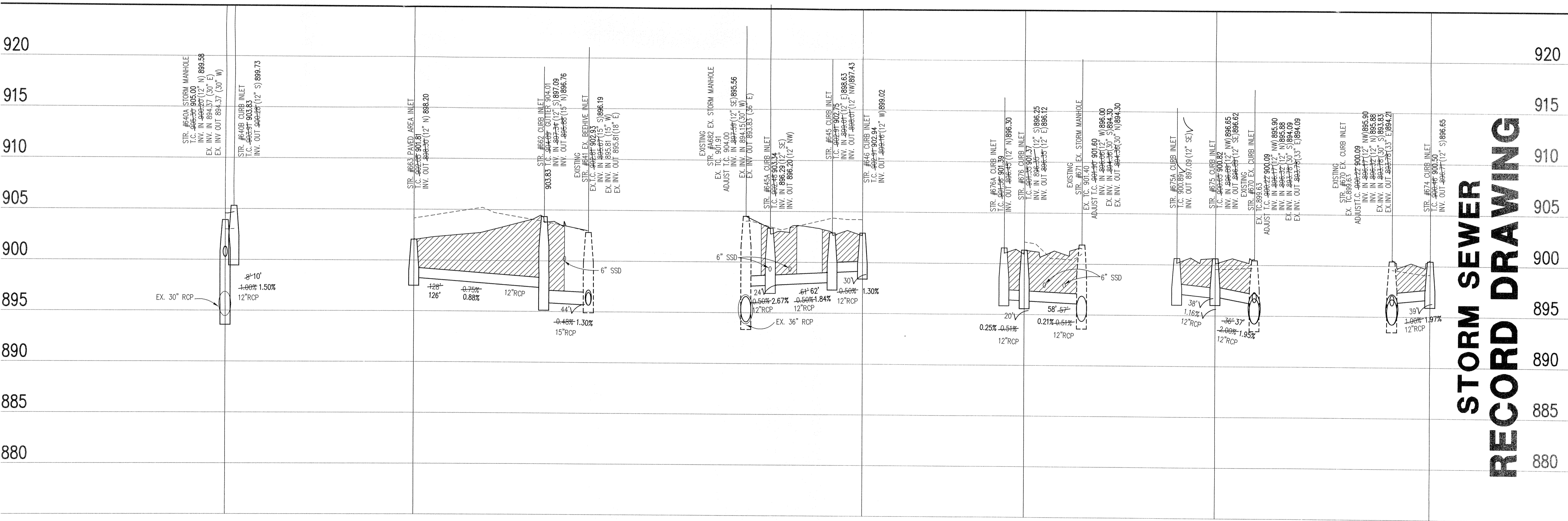
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 XREF: 5003-B5.DWG  
 XREF: 5002-B5.DWG  
 XREF: 100565.DWG  
 XREF: CA15.DWG  
 XREF:

SHEET NO.: C602



**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

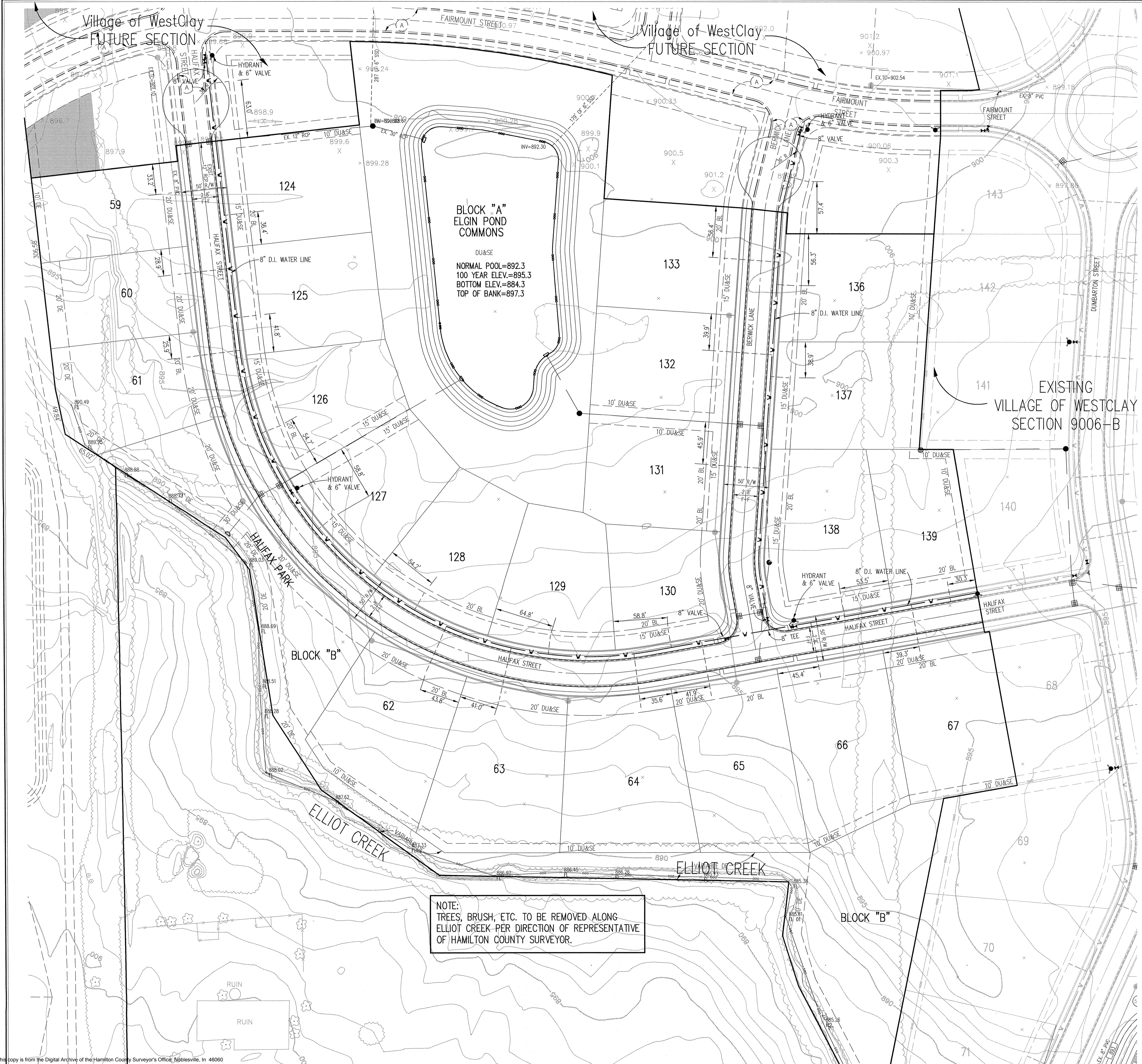
**STORM SEWER PROFILE**

**LEGEND**

Existing Grade	New Grade	Granular Backfill

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





NOTE:  
TREES, BRUSH, ETC. TO BE REMOVED ALONG  
ELLIOT CREEK PER DIRECTION OF REPRESENTATIVE  
OF HAMILTON COUNTY SURVEYOR.

ASSUMED NORTH  
SCALE: 1"=50'

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BLIND"

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LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

CONTACT THE CITY OF CARMEL UTILITY  
DEPARTMENT AT (317) 571-2451 FOR  
FIELD LOCATIONS OF CITY WATER MAINS

LEGEND

	Existing Storm Sewer
	New Storm Sewer
	Existing Sanitary Sewer
	New Sanitary Sewer
	New Water Line
	Existing Water Line
	Ductile Iron Pipe
	Water Service Lateral

- GENERAL NOTES
- NOTE:
- SERVICE LATERALS ARE TO BE 1" DIRECT TAPS.
  - FOR ALL WATER DISTRIBUTION NOTES, LEGEND AND DETAILS SEE SHEET C702.
  - ALL MECHANICAL JOINT FITTINGS WILL BE MEGALUG RESTRAINING JOINT FITTINGS.
  - ALL VALVES SHALL NOT BE LOCATED UNDER PAVEMENT.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 3-15-07  
Entered By: SLM

**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. REVISED PER PERM COMMENTS.  
2. REV. 5/16/04; REVISED PER PERM COMMENTS.  
3. REV. 6/27/04; REVISED PER THE CITY OF CARMEL UTILITIES.  
4. REV. 8/27/04; RECORD DRAWING

BRANDON T. BURKE  
REGISTERED  
No. 000075  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

*Brandon T. Burke*

DATE: 2/18/04

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Village of WestClay  
SECTION 9005  
CARMEL, INDIANA

BRUNWICK DEVELOPMENT CO.  
CARMEL, INDIANA

DATE: 11/26/03 PROJECT NO.: 1238.9005  
DRAWN BY: DCC CHECKED BY:  
SHEET TITLE: WATER DISTRIBUTION PLAN  
DRAWING FILES:  
N:\238\9005\DWG\C701.DWG  
XREF: 9005-BS.DWG  
XREF: 9006-A-BS.DWG 9006-B-BS.DWG  
XREF: CA16.DWG, CA17.DWG  
XREF: CA19.DWG, CA20.DWG  
XREF: NOR-BS.DWG

SHEET NO.: C701