

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 22, 2004

TO: Hamilton County Drainage Board

RE: Village of West Clay Drain, Section 10002 Arm.

Attached is a petition filed by Brenwick Development along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 10002 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	1,659 feet	15" RCP	391 feet
18" RCP	223 feet	21" RCP	317 feet
24" RCP	969 feet		

The total length of the drain will be 3,532 feet.

The retention pond (lake) located in Block "F" Commons Quale Pond is not 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 for common areas and platted 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 \$5,344.70.

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: August 4, 2004
Number: 5012506
For: Storm Sewers
Amount: \$147,339.00

Agent: Bond Safeguard Insurance
Date: August 4, 2004
Number: 5012507
For: Erosion Control
Amount: \$66,000.00

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

A portion of the 24" RCP which serves as an outlet to Quale Pond crosses a portion of tract 17-09-33-00-00-022.000 owned by Hamilton County Parks & Recreation. This is part of the pipe section between Structure 719 and Structure 720 which empties into a tributary of Clay Creek.

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 10002 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/plf

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 10002 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

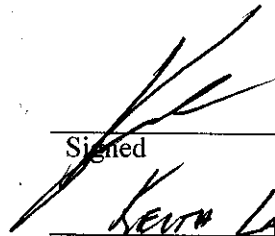
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

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 _____
 KEITH LASH
 Printed Name _____
 BREWELL DEV.
 UP OPERATIONS

Signed _____
 Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____



DATE: March 11, 2004 (Revised)

CUSTOMER: Brenwick Development Co.

JOB NAME: West Clay Section 10002

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 prepared by The Schneider Corp. dated 10/31/03 with no revisions. The topographic elevation lines shown on the drawings appear to conflict with other elevation verification data shown on the drawings (by an average of approximately 0.6 feet lower in elevation than the contour lines indicate). Also, Churchill Pond (In Section 10003) has not been excavated to its minimum 8 feet of depth, but will need to be finished with Section 10002 in order to complete this portion of the project. With these two concerns in mind, this proposal is based upon raising the majority of design grades in Section 10002 by 0.3 feet in order to achieve an earthwork "balance". We are further assuming that storm sewer and sanitary sewer pipe invert grades will be raised in elevation by the same 0.3 feet in elevation.

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. #8 stone backfill as required in proposed pavement areas for RCP.
- F. 6" subsurface drains under curbs 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. SSD installation in rear yards or swales.
- E. Granular or stone bedding of any kind for RCP.
- F. Cost for design engineer to produce as-built record drawings.
- G. 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.
- H. Sales tax.

TOTAL BID AMOUNT = \$147,339.00

WAYNE J. KRAMER INC.

5845 S. 800 E.
ZIONSVILLE, IN 46077

(317)-873-4558



Proposal No. 2087

Date 11/24/03

Proposal Submitted To:
Brenwick Development
12722 Hamilton Crossing Blvd.
Carmel, IN 46032

Work to be Performed at:
West Clay Sect. 10002

Attn: Kevin

Project: erosion control

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

1. Temporary hydroseeding roadsides 30 feet wide. 3 Acres @ \$ 1,840 per acre	\$ 5,520
2. Permanent hydroseeding including fine grading common areas 12 Acres @ \$ 3,675 per acre	\$ 44,100
3. Temporary broadcast seeding building areas 12 Acres @ \$ 650 per acre	\$ 7,800
4. Curlex erosion control blanket 4,000 sq yds @ \$ 1.15 per sq yd.	\$ 4,600
5. Misc. erosion control practices such as inlet protection and maintenance	\$ 1,980
6. In sales tax on materials	\$ 2,000
TOTAL	\$ 66,000

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:

\$66,000.00 Dollars

Payment to be made as follows:
net 30 days

Signature: *[Signature]* Date: 11/24/03

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.

Date of Acceptance: _____

Signature: _____

Signature: _____



BOND SAFEGUARD INSURANCE COMPANY
Lombard, IL 60148

SUBDIVISION PERFORMANCE BOND


BOND #5012506

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 ****One Hundred Forty Seven Thousand Three Hundred Thirty Nine and 00/100**Dollars (\$147,339.00)**, 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 10002, 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 4th Day of August, 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

POWER OF ATTORNEY
Bond Safeguard

AO 30474
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

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.



Michele Koller
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 4th Day of August, 2004



Donald D. Buchanan
Secretary

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



BOND SAFEGUARD INSURANCE COMPANY
Lombard, IL 60148

SUBDIVISION PERFORMANCE BOND


BOND #5012507

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 Six Thousand and 00/100**Dollars (\$66,000.00)**, 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 10002, 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 4th Day of August, 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

POWER OF ATTORNEY
Bond Safeguard

AO 30473
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

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.



Michele Koller
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 4th Day of August, 20 04




Donald D. Buchanan
Secretary

FINDINGS AND ORDER
CONCERNING THE MAINTENANCE OF THE
Village of West Clay Drain, Section 10002 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 10002 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 10002

I hereby certify that:

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

Signature:  Date: 1-20-05

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

Business /Address: The Schneider Corporation

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

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 10000075

SEAL



Kew



SURVEYOR'S OFFICE Hamilton County

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

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

To: Hamilton County Drainage Board

June 23, 2009

Re: Village of West Clay: Section 10002

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 10002. 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 22, 2004. The report was approved by the Board at the hearing held November 22, 2004. (See Drainage Board Minutes Book 8, Pages 73-74)
The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes(ft):
690-689	241	15	RCP	888.81	888.05	0.32	-3
689-688	47	18	RCP	888.05	887.83	0.47	2
688-687	147	18	RCP	887.83	887.33	0.34	29
687-686	30	18	RCP	887.33	887.08	0.83	
686-685	89	21	RCP	887.08	887	0.09	27
692-691	30	12	RCP	888.67	888.5	0.57	
691-689	170	12	RCP	888.5	888.05	0.26	1
713-712	30	12	RCP	886.94	886.47	1.57	
712-708	253	12	RCP	886.47	882.55	1.55	
714-712	59	12	RCP	887.55	886.47	1.83	-1
700-699	312	12	RCP	888.67	887.92	0.24	-1
699-698	148	15	RCP	887.92	887.5	0.28	1
698-697	30	18	RCP	887.5	887.34	0.53	
697-696	79	21	RCP	887.34	887.28	0.18	
696-695	76	21	RCP	887.28	886.95	0.43	-3
701-696	30	12	RCP	888.12	887.99	0.43	
721-720	20	21	RCP	877.97	877.88	0.45	-16
720-719	56	21	RCP	877.88	877.67	0.38	-5
706B-706A	305	12	RCP	882.66	879.37	1.08	-1
706A-706	60	12	RCP	879.37	878.36	1.68	1
711-710	84	24	RCP	882.42	882.28	0.17	-16
710-709	204	24	RCP	882.28	880.72	0.76	-20

709-708	326	24	RCP	880.72	879.39	0.41	1
708-707	30	24	RCP	879.39	879.28	0.37	
707-706	192	24	RCP	879.28	878.36	0.48	-1
706-705	25	24	RCP	878.36	878.03	1.32	-13
716-715	30	12	RCP	884.84	884.5	1.13	
715-709	108	12	RCP	884.5	882.03	2.29	3
699-702	258	12	RCP	888.74	887.92	0.32	
683-680	74	12	RCP	888.37	887.81	0.76	

The length of the drain due to the changes described above is now **3543 feet**.

The non-enforcement was approved by the Board at its meeting on November 22, 2004 and recorded under instrument #200400080355.

The following sureties were guaranteed by Bond Safeguard Insurance Co. and released by the Board on its October 8, 2007 meeting.

Bond-LC No: 5012506
Insured For: Storm Sewers
Amount: \$147,339.00
Issue Date: August 4, 2004

Bond-LC No: 5012507
Insured For: Erosion Control
Amount: \$66,000
Issue Date: August 4, 2004

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

Sincerely,



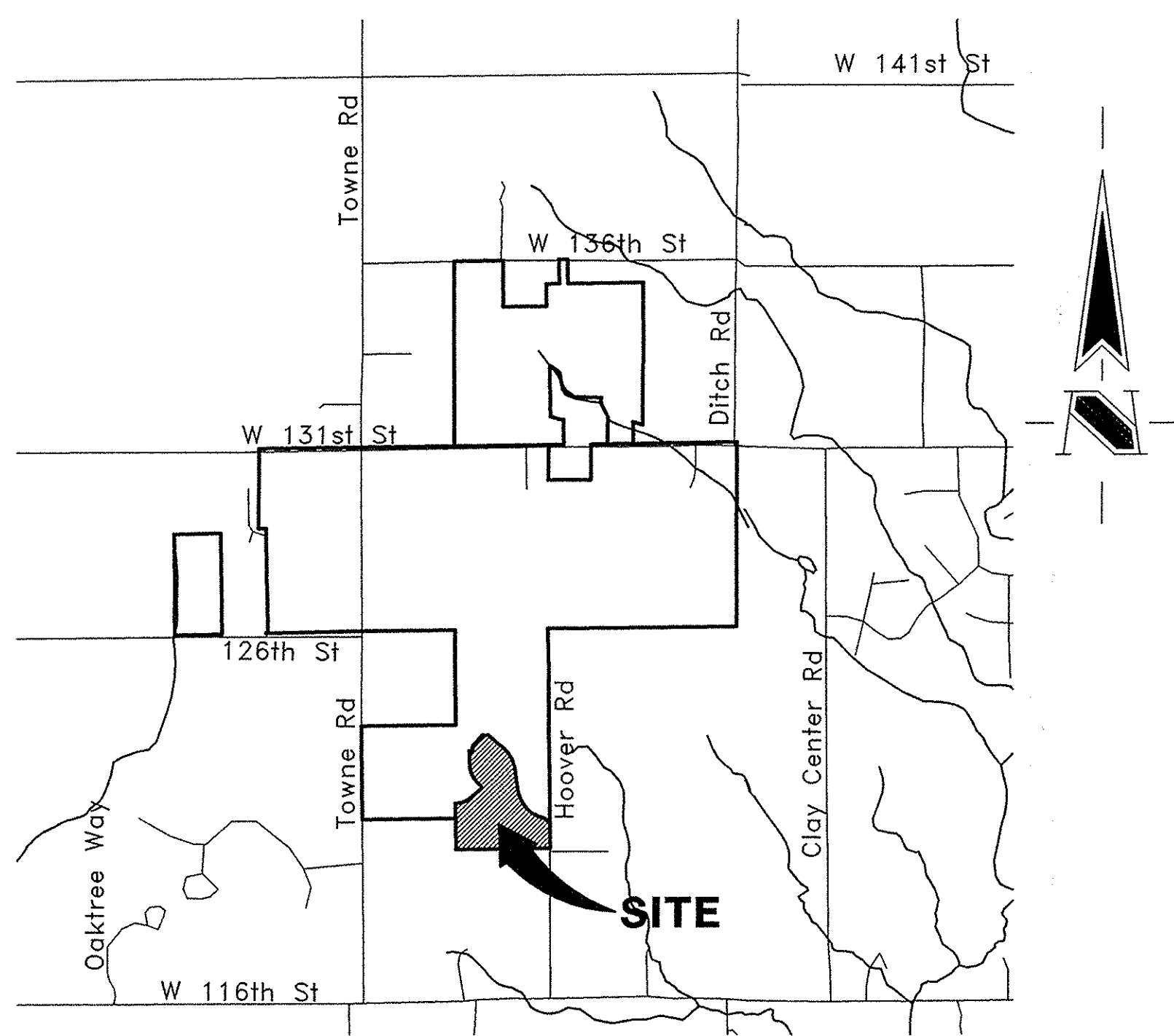
Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

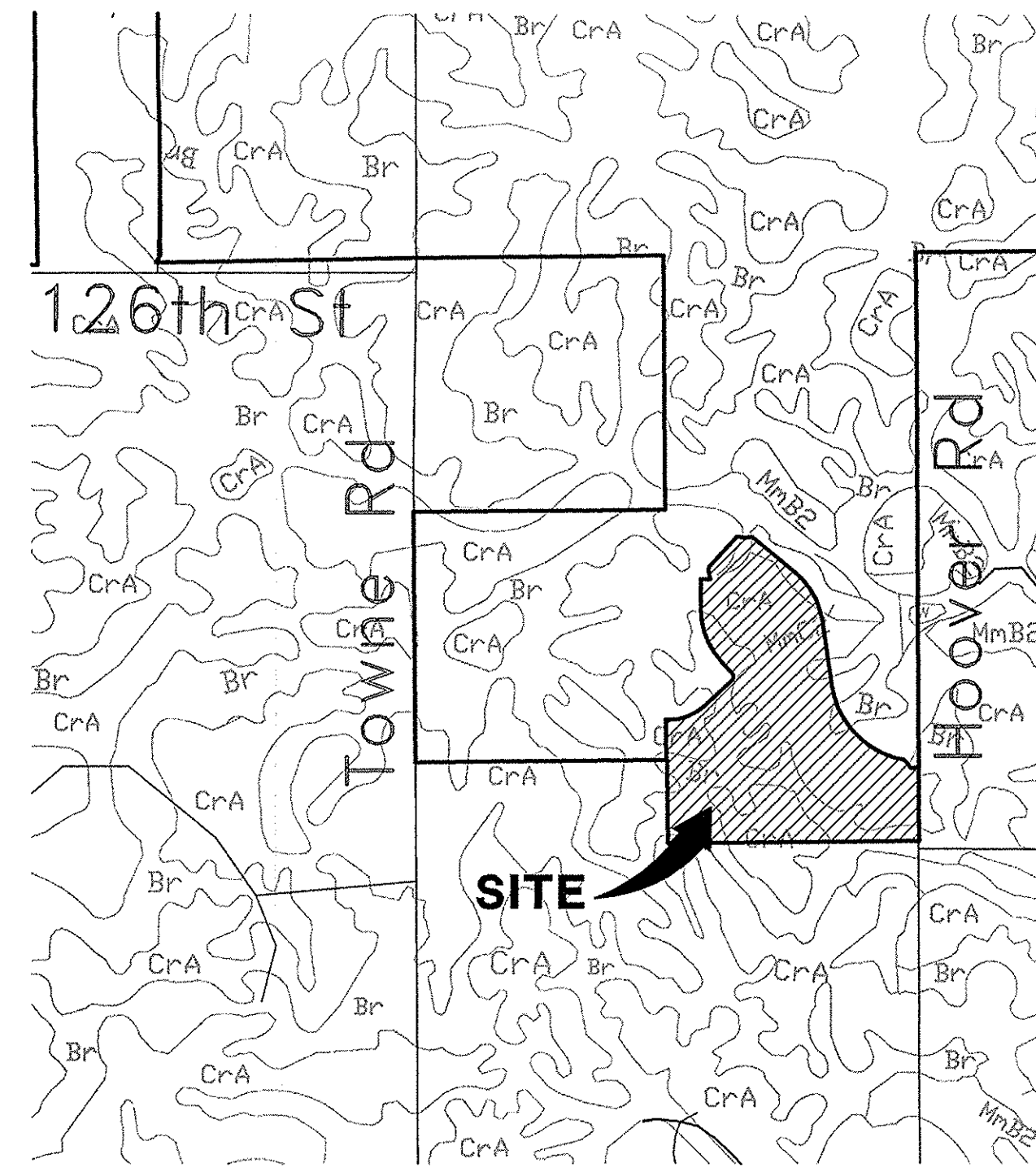
SEC. 33-T18N-R3E

VILLAGE OF WESTCLAY SECTION 10002 (CONSTRUCTION PLANS) HAMILTON COUNTY CARMEL, INDIANA

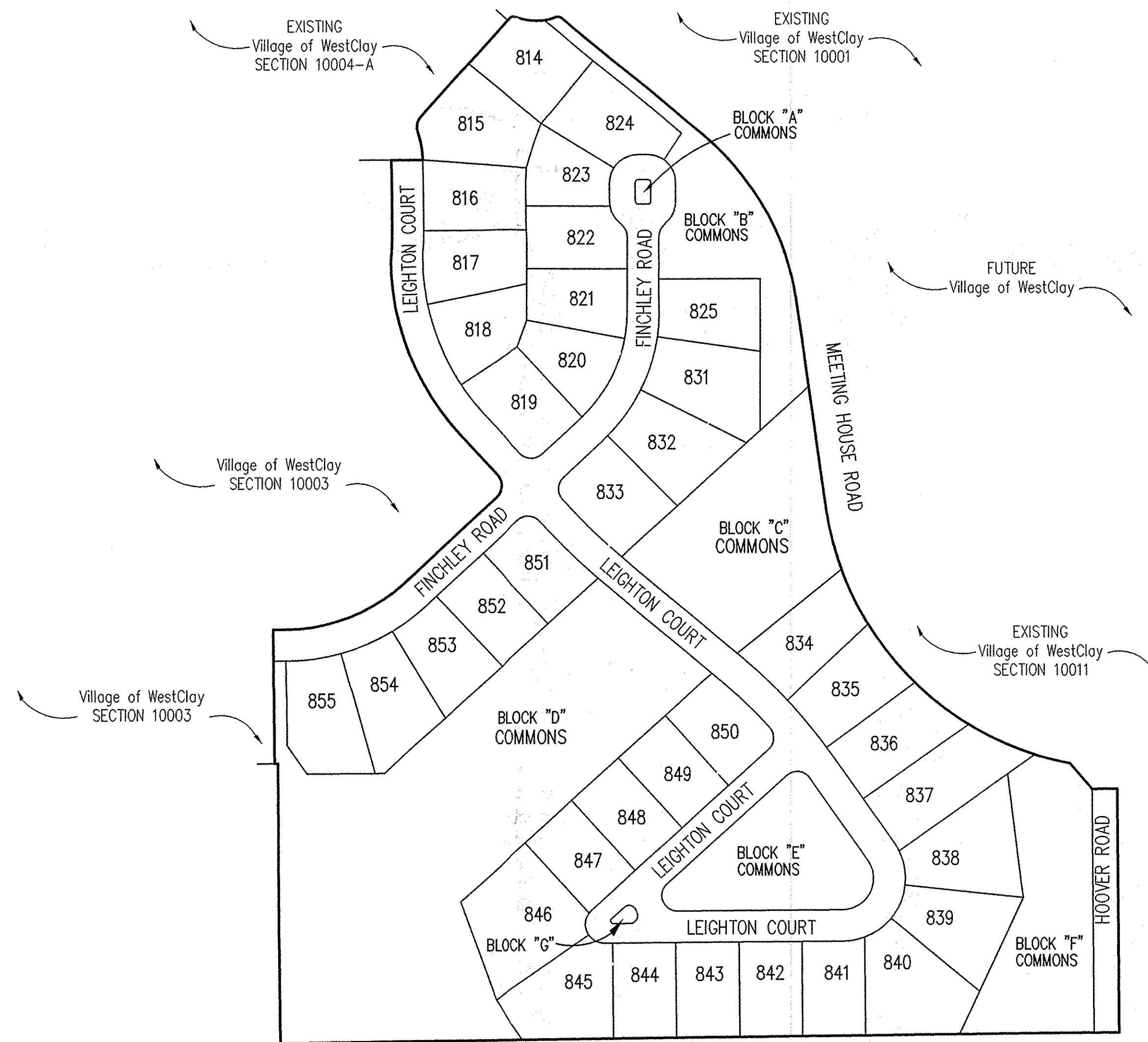
DEVELOPER:
BRENWICK DEVELOPMENT CO.
12821 E. NEW MARKET STREET, SUITE 200
CARMEL, INDIANA 46032
(317) 574-3400
(317) 574-3919 (FAX)



AREA MAP
NOT TO SCALE

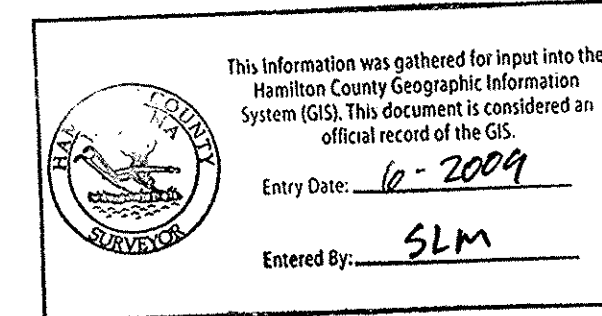


SOILS MAP
NOT TO SCALE



SITE MAP
SCALE: 1" = 150'

DESIGN SPEED=20 MPH



REVISIONS:		
DATE	BY:	DESCRIPTION:
01/05/04	BET	ALL SHEETS
03/05/04	BTB	C804
3/16/04	BET	ALL SHEETS
4/5/04	BET	ALL SHEETS
7/19/04	DCC	ALL SHEETS
7/30/04	DCC	ALL SHEETS
8/19/04	DCC	ALL SHEETS
8/25/04	BTB	C101-102

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101-C102	DEVELOPMENT PLAN
C103-C104	PRE-CONSTRUCTION EROSION CONTROL PLAN
C105-C106	EROSION CONTROL PLAN
C107-C108	TRAFFIC CONTROL PLAN
C201-C203	STREET PLAN AND PROFILE
C301	INTERSECTION DETAILS
C302	HOOVER ROAD ENTRANCE PLAN
C303	MAINTENANCE OF TRAFFIC PLAN
C401-C403	SANITARY SEWER PLAN & PROFILE
C601-C603	STORM SEWER PLAN & PROFILE
C701-C702	WATER DISTRIBUTION PLAN
C801	STREET DETAILS
C802	SANITARY SEWER DETAILS
C803	STORM SEWER DETAILS
C804	EROSION CONTROL DETAILS
C805	HAMILTON COUNTY DETAILS
C901	SPECIFICATIONS



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

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

Brandon T. Burke

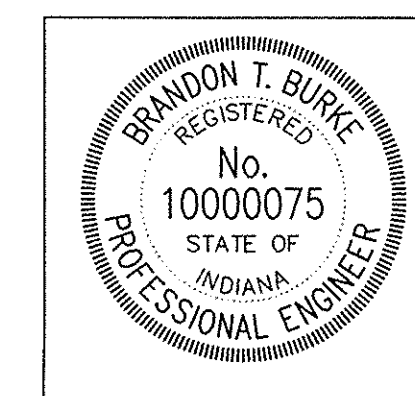
CERTIFIED BY: BRANDON T. BURKE

E-MAIL ADDRESS: bburke@schneidercorp.com

PROJECT ENGINEER: _____

CHECKED BY: _____ DATE CHECKED: _____

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



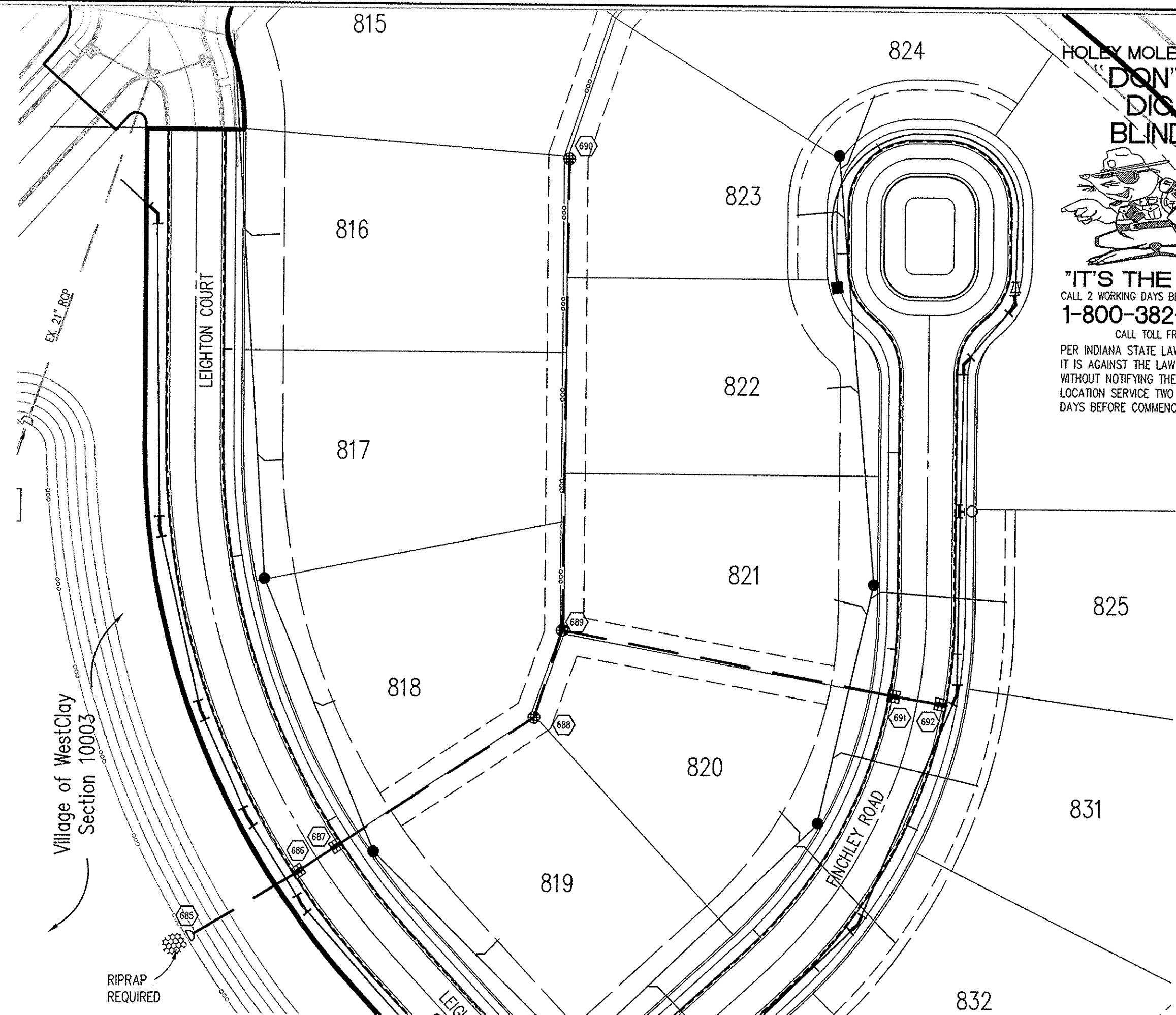
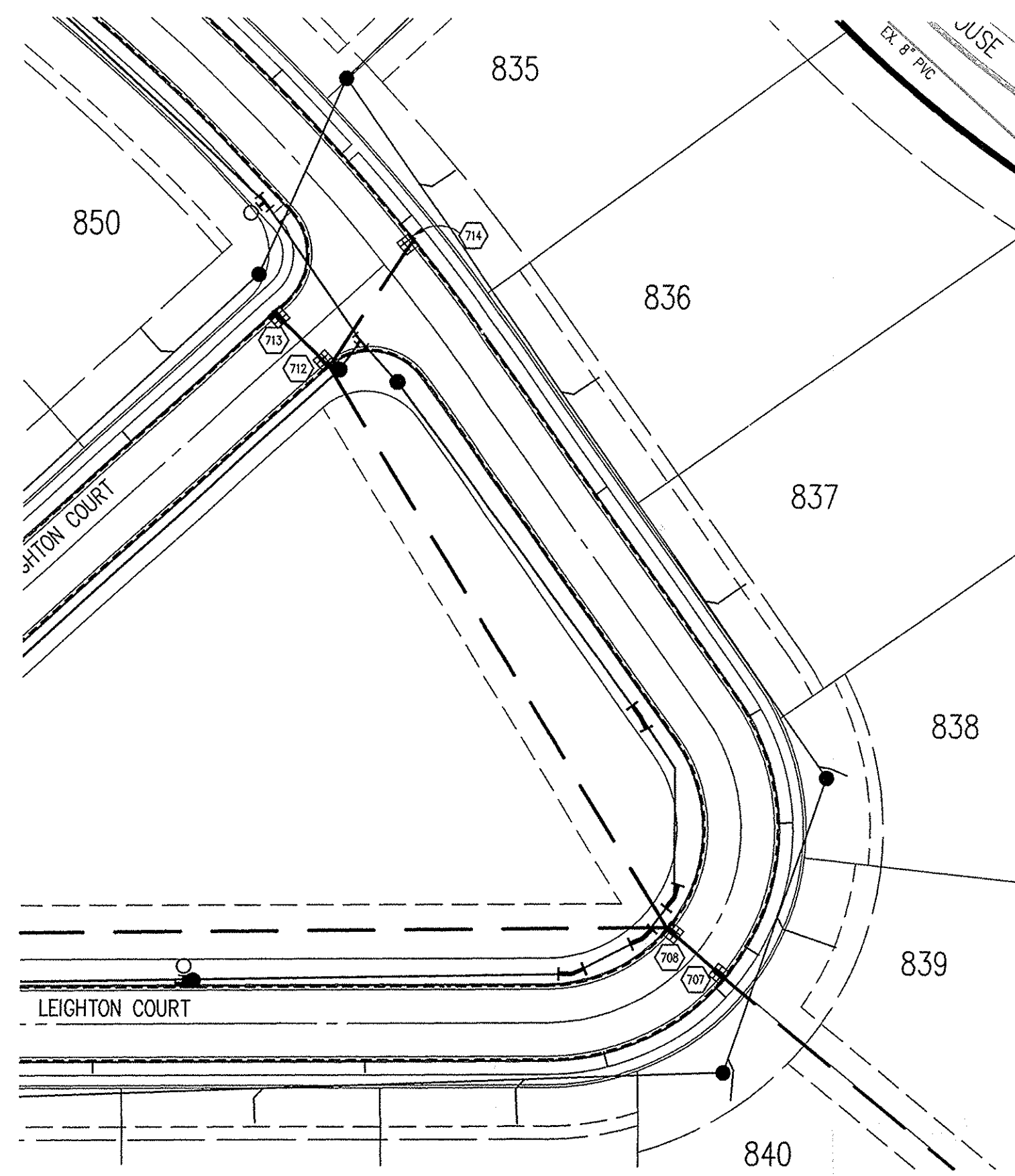
DATE: 11/12/03

SHEET
C100
OF
29

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JOB No. 1238.1002

FILE NAME: N:\1238\1002\DWGS\C100.DWG



HOLLEY MOLEY SAYS
**"DON'T
 DIG
 BLIND"**
 CALL TOLL FREE
"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 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

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LEGEND/DETAILS

Sheet	Detail Number	Description
C803	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C803	5	Straight Curb Inlet Detail (In Street)
C803	4	Beehive Inlet Detail
C803	2,3	Storm Manhole Detail
C803	9	Precast Concrete End Section
C805		RipRap Detail @ End Section
C803	7	Inlet Detail For Paved Area (In Alley)

NOTE
 ALL BACK FILL WITHIN RIGHT OF WAY MUST BE MECHANICALLY COMPACTED IN LIFTS.

BENCHMARK

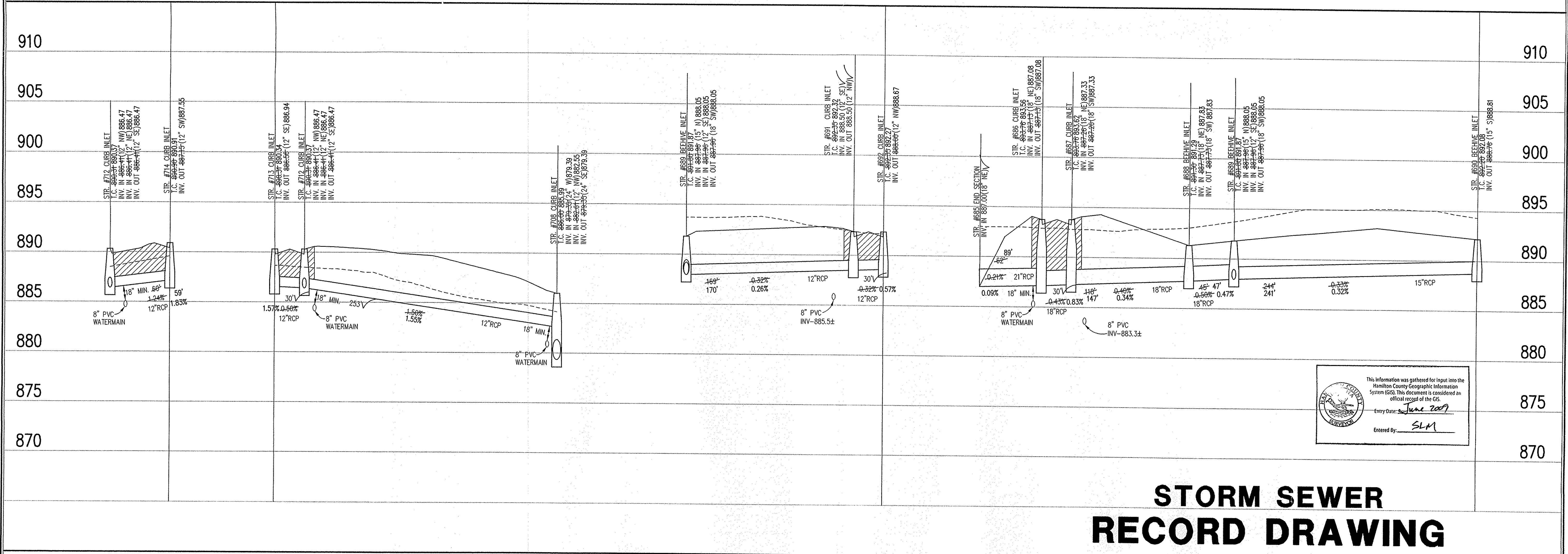
TBM #44
 USGS BENCHMARK
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE
 FARM ENTRANCE
 ELEVATION - 893.39

BRANDON T. BURK
 REGISTERED
 No. 10000075
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
Brandon T. Burk
 DATE: 11/12/03
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STORM SEWER PLAN

SCALE: 1"=50'



**STORM SEWER
 RECORD DRAWING**

STORM SEWER PROFILE

LEGEND

Existing Grade	New Grade	Granular Backfill

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

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 Entry Date: June 2007
 Entered By: SLM

Village of WestClay
 SECTION 1002
 CARMEL, INDIANA
 BREWICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 10/31/03	PROJECT NO.: 1238.1002
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\1002\DWSS\C601-603.DWG XREF: 1001BS.DWG XREF: 1002-BS.DWG XREF: 1003-BS.DWG XREF: 1004-ABS.DWG	
SHEET NO.:	

C601

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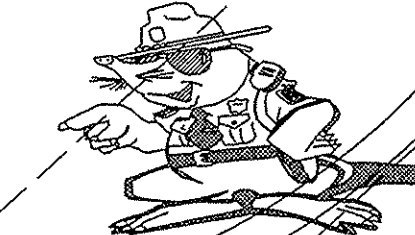
Sheet	Section	Description
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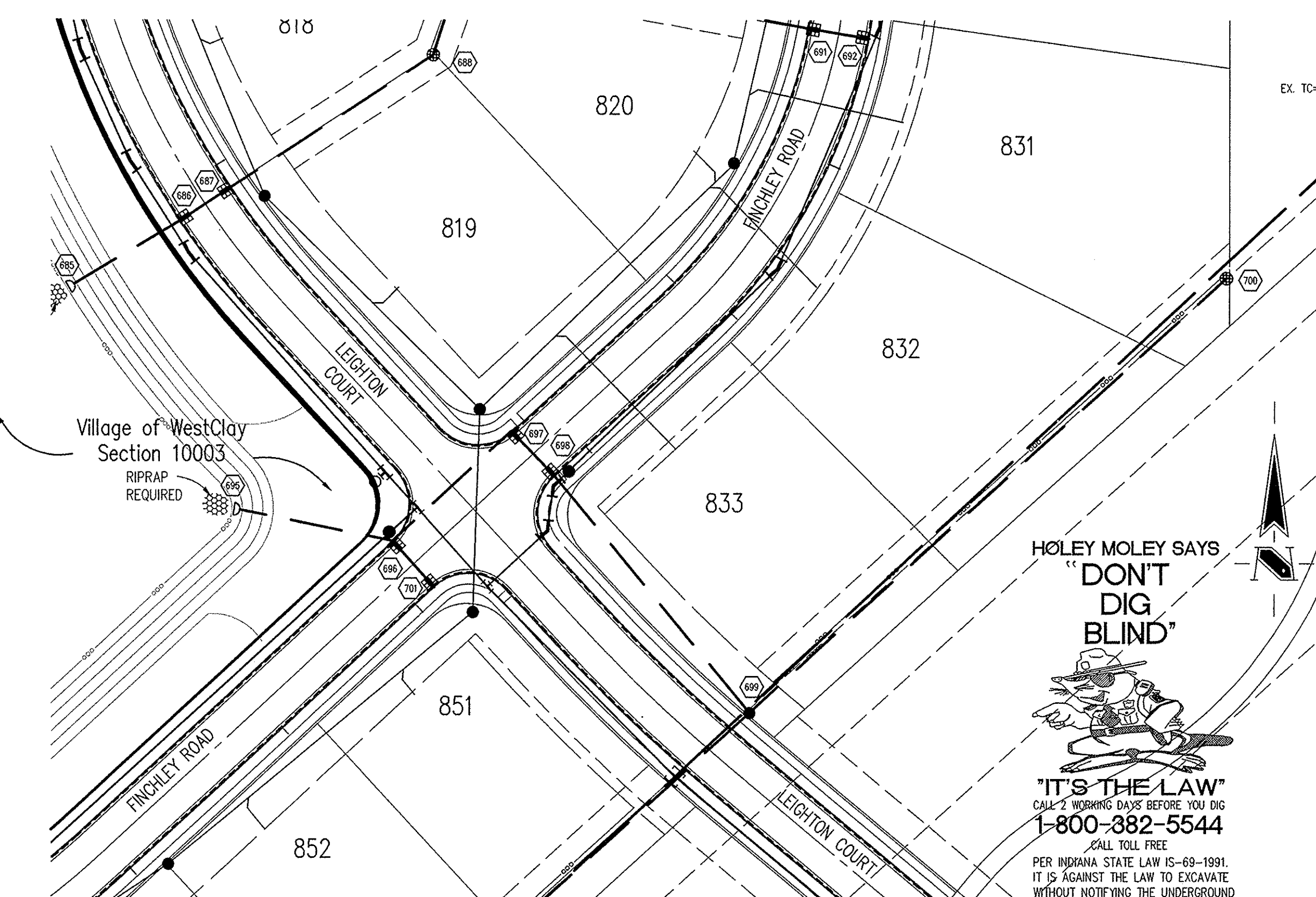
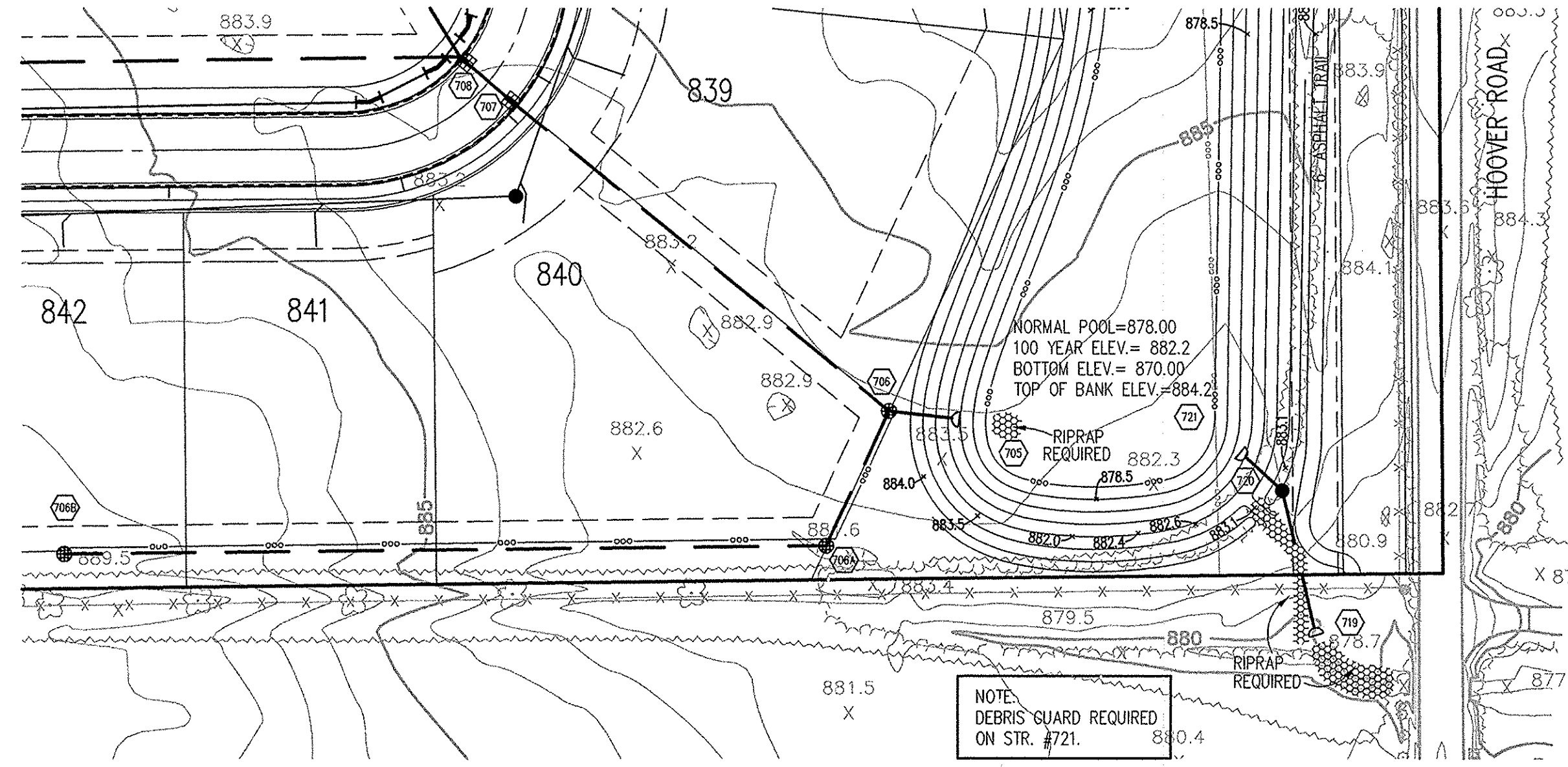
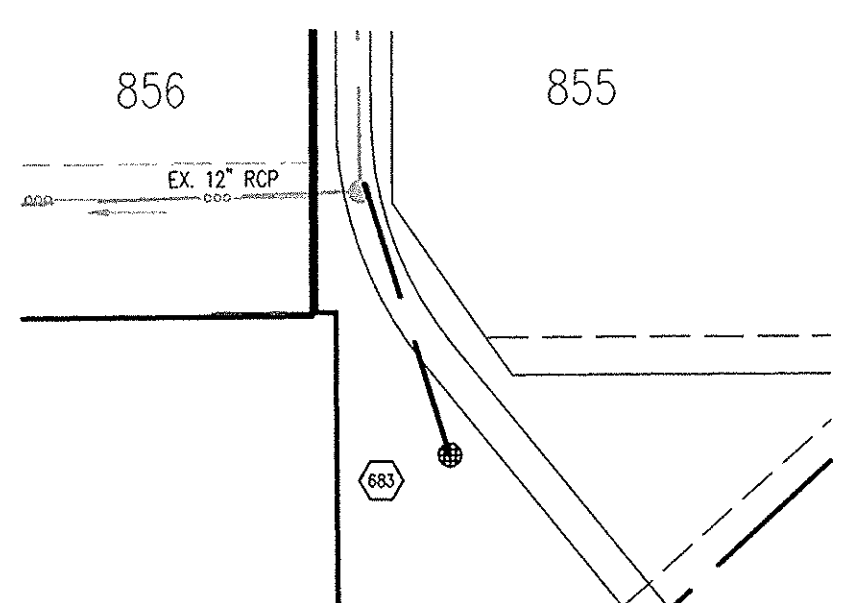
BENCHMARK

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

HOLEY MOLEY SAYS
"DON'T DIG BLIND"

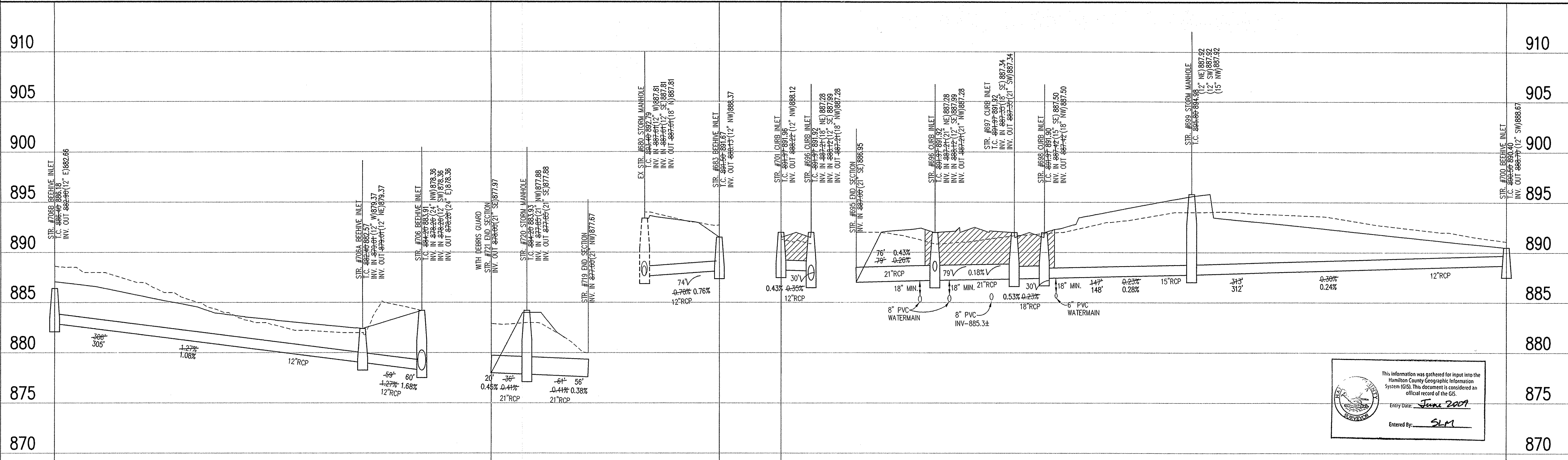


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STORM SEWER PLAN

SCALE: 1"=50'



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Entry Date: June 2009
Entered By: SLM

STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND	
	Existing Grade
	New Grade
	Granular Backfill

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

BRANDON T. BURKE
REGISTERED
No. 10000075
STATE OF INDIANA
PROFESSIONAL ENGINEER
Brandon T. Burke
DATE: 11/12/03
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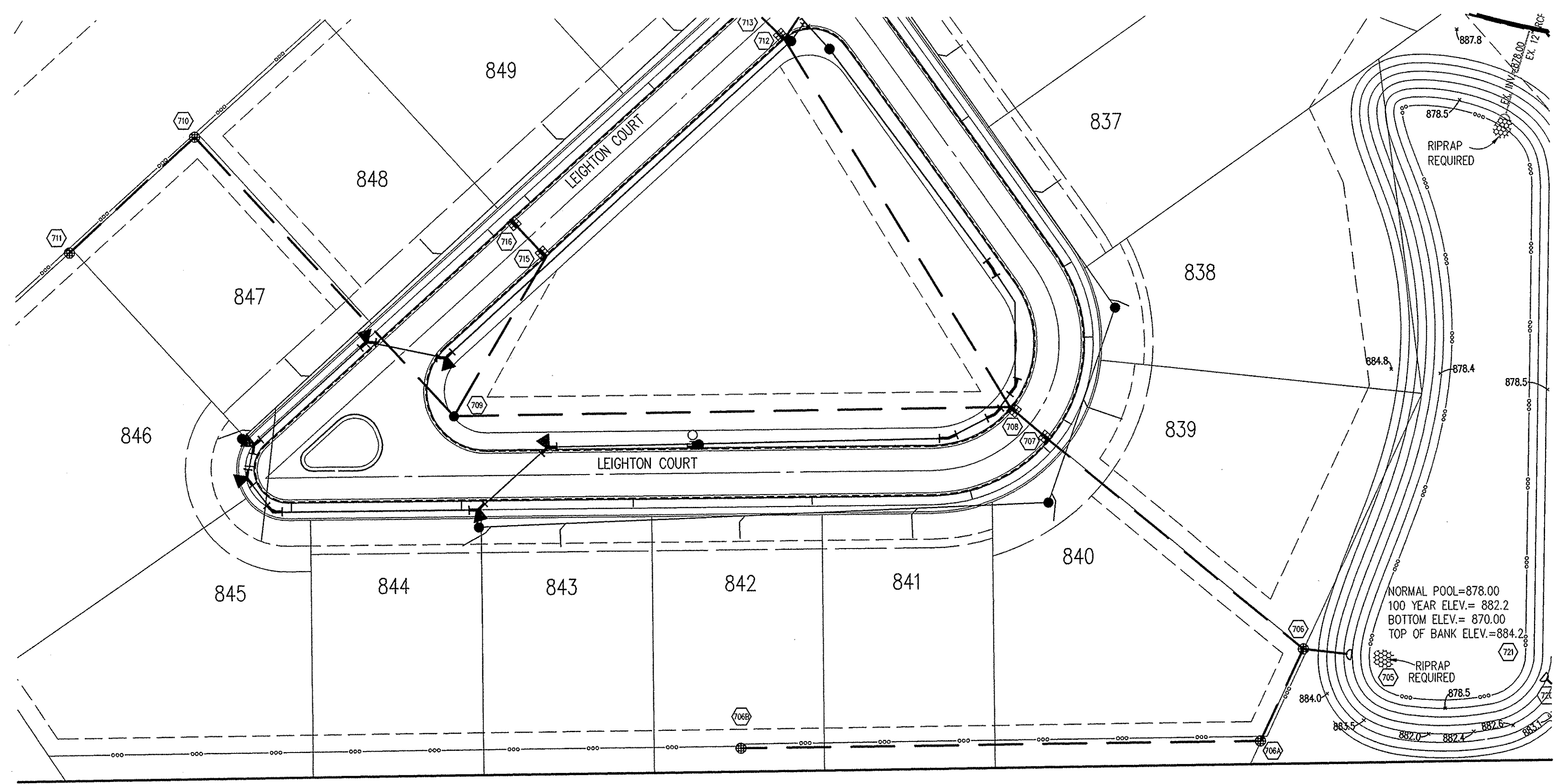
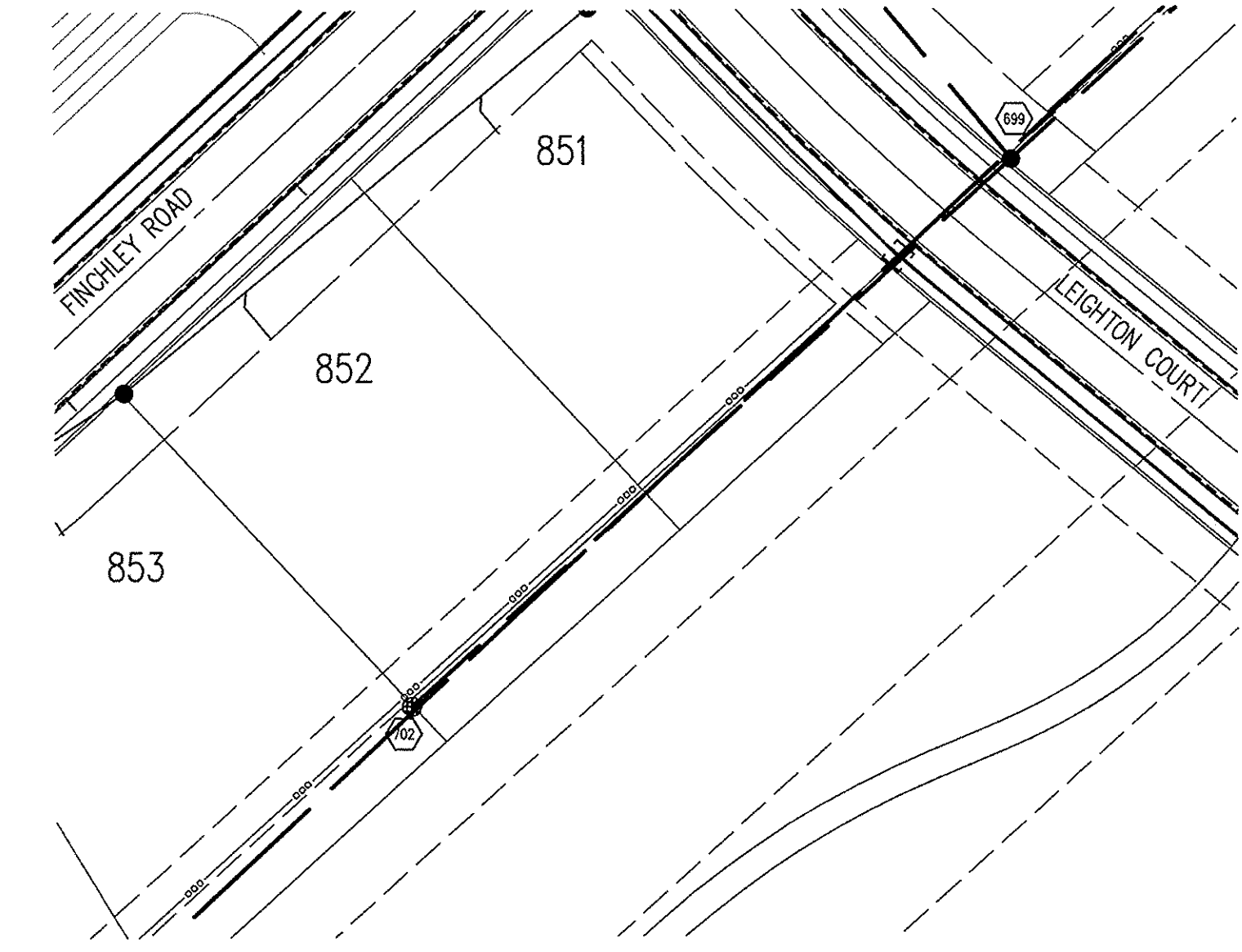
Village of WestClay
SECTION 10002
CARMEL, INDIANA
BRENNICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 10/31/03	PROJECT NO.: 1238.1002
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: R: 1238/1002/DWGS/C601-603.DWG XREF: 1001-BS.DWG XREF: 1002-BS.DWG XREF: 1003-BS.DWG XREF: 1004-ABS.DWG	

SHEET NO.: **C602**

HOLEY MOLEY SAYS
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 ELEVATION = 893.39

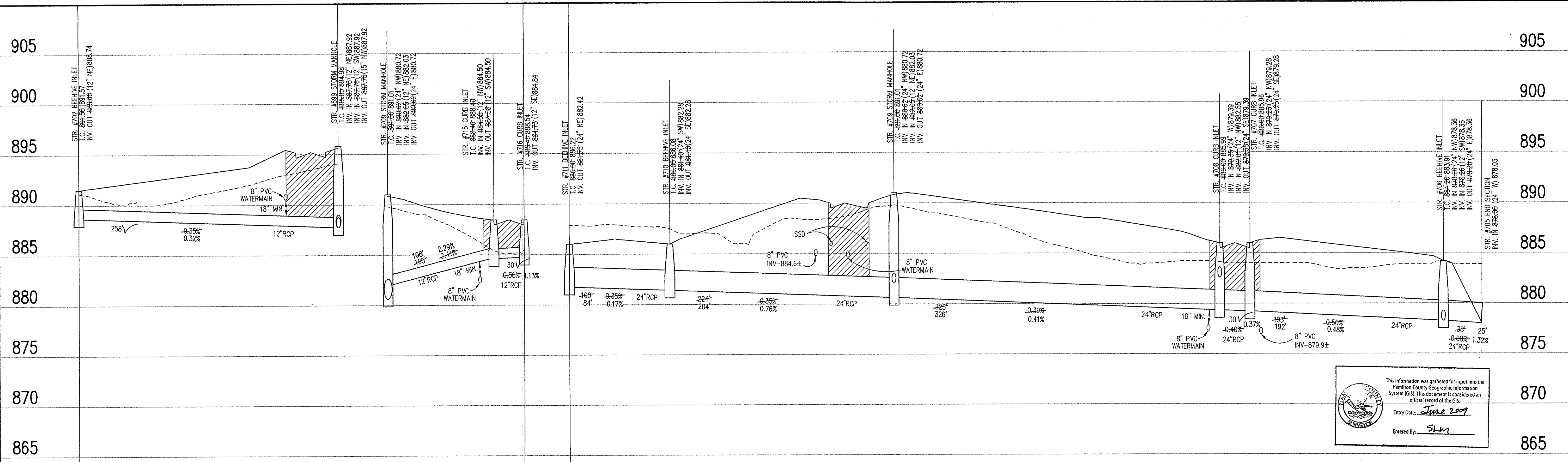
REVISIONS:
 1. DEC. 1/10/04, REVISED PER THE COMMENTS.
 2. SET. 4/10/04, REVISED PER CITY OF CARMEL.
 3. SET. 7/10/04, REVISED PER CITY OF CARMEL.

BRANDON T. BURKS
 REGISTERED
 No. 10000075
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Branch T. Burks
 DATE: 11/12/03
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STORM SEWER PLAN

SCALE: 1"=50'



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STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

Village of WestClay
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DRAWING FILES: H:\1238\1002\DWG\C601-603.DWG XREF: 1001S.DWG XREF: 1002-BS.DWG XREF: 1003-BS.DWG XREF: 1004-ABS.DWG	
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