

Drain: VILLAGE OF WESTCLAY DRAIN
Improvement: SECTION 10063
Operator: JDH
Date: 8-24-04
 (INSTALL DATE): 2004

GIS Drain Input Checklist

- Digitize & Attribute Tile Drains JDH
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Sum drain lengths & Validate _____
- Enter Improvements into Posse _____
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Stamp Plans _____
- Pull Source Documents for Scanning _____

Gasb 34 Footages for Historical Cost
Drain Length Log

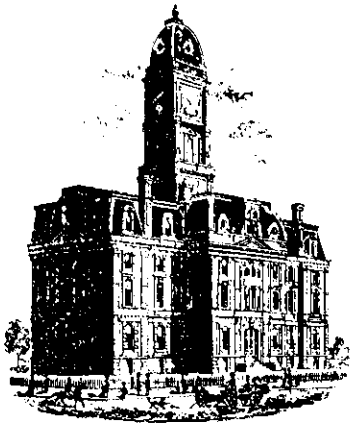
Drain-Improvement: VILLAGE OF WESTCLAY - SECTION 10003

Drain Type:	Size:	Length <small>SURVEY REPORT</small>	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	12"	946'				
	15"	334'				
	18"	285'				
	24"	209'				

Sum: 1774'

Final Report: _____

Comments:



June 4, 2004

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

TO: Hamilton County Drainage Board

RE: Village of West Clay, Section 10003 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 10003 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 946 Ft.	18" RCP 285 Ft.
15" RCP 334 Ft.	24" RCP 209 Ft.

The total length of the drain will be 1,774 feet.

The retention pond (lake) located in Block "A" Commons (Churchill Pond) 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 3, page 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 \$4,080.00

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/Letter of Credit are as follows:

Agent: Lexon Insurance Co.
Date: February 20, 2004
Number: 1003929
For: Storm Sewer
Amount: \$79,637.00

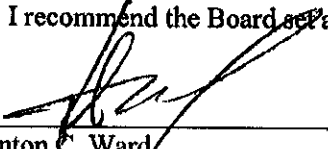
Agent: Lexon Insurance Co.
Date: February 20, 2004
Number: 1003930
For: Erosion Control
Amount: \$35,000.00

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.

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 10003 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 26, 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 10003 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:

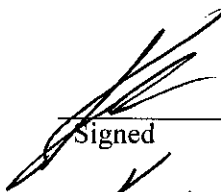
1. To provide the Drainage Board a Performance Bond for the portion of the drainage system, which will be made a regulated drain. The bond will be in the amount of 100% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the 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.

JAN 9 / 2006

OFFICE OF HAMILTON COUNTY SURVEYOR

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 _____
 Printed Name KEVIN LAH BREWICK DEVELOPMENT
 VP OPERATIONS

Signed _____
 Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____



LEXON INSURANCE COMPANY
Lombard, IL 60148

SUBDIVISION PERFORMANCE BOND

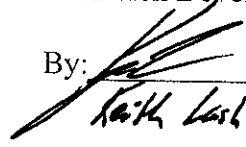
BOND #1003930

KNOW ALL MEN BY THESE PRESENTS, That we, Brenwick Development Company, Inc, 12821 E. New Market Street, Suite 200, Carmel, IN 46032, as Principal, and Lexon Insurance Company, 1919 S. Highland Avenue, Bldg. A-Suite 300, Lombard, IL 60148, as Surety, are held and firmly bound unto Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville, IN 46060, as Owner, in the sum of ****Thirty Five Thousand & 00/100**Dollars (\$35,000.00)**, 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, Section 10003 Subdivision, according to the approved plans and specifications on file with the Hamilton County Board of Commissioners, 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 20th Day of February, 2004.

Brenwick Development Company, Inc.

By: 
Keith Lusk 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

LX - 004203



Lexon Insurance Company

KNOW ALL MEN BY THESE PRESENTS, that LEXON INSURANCE COMPANY, a Texas Corporation, with its principal office in Louisville, Kentucky, does hereby constitute and appoint:

Deborah M. Roth, Jacqueline Demeter

Anthony George Balzano,

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 LEXON INSURANCE COMPANY on the 1st day of July, 2003 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 \$2,000,000.00, Two Million 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 of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, LEXON INSURANCE COMPANY has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 2nd day of July, 2003.



LEXON INSURANCE COMPANY

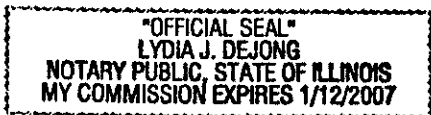
BY

David E. Campbell

David E. Campbell
President

ACKNOWLEDGEMENT

On this 2nd day of July, 2003, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of LEXON 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.



Lydia J. DeJong

Lydia J. DeJong
Notary Public

CERTIFICATE

I, the undersigned, Secretary of LEXON INSURANCE COMPANY, A Texas 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 20th Day of February, 20 04



Donald D. Buchanan

Donald D. Buchanan
Secretary



LEXON INSURANCE COMPANY
Lombard, IL 60148

SUBDIVISION PERFORMANCE BOND


BOND #1003929

KNOW ALL MEN BY THESE PRESENTS, That we, Brenwick Development Company, Inc, 12821 E. New Market Street, Suite 200, Carmel, IN 46032, as Principal, and Lexon Insurance Company, 1919 S. Highland Avenue, Bldg. A-Suite 300, Lombard, IL 60148, as Surety, are held and firmly bound unto Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville, IN 46060, as Owner, in the sum of ****Seventy Nine Thousand Six Hundred Thirty Seven & 00/100**Dollars (\$79,637.00)**, 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, Section 10003 Subdivision, according to the approved plans and specifications on file with the Hamilton County Board of Commissioners, 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 20th Day of February, 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

Lexon Insurance Company

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Deborah M. Roth, Jacqueline Demeter

Anthony George Balzano,

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 **LEXON INSURANCE COMPANY** on the 1st day of July, 2003 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 \$2,000,000.00, Two Million 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 of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **LEXON INSURANCE COMPANY** has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 2nd day of July, 2003.



LEXON INSURANCE COMPANY

BY *David E. Campbell*
David E. Campbell
President

ACKNOWLEDGEMENT

On this 2nd day of July, 2003, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of **LEXON 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.



Lydia J. DeJong
Lydia J. DeJong
Notary Public

CERTIFICATE

I, the undersigned, Secretary of **LEXON INSURANCE COMPANY**, A Texas 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 20th Day of February, 2004



Donald D. Buchanan
Donald D. Buchanan
Secretary

FINDINGS AND ORDER

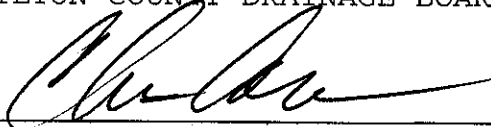
CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain, Section 10003 Arm

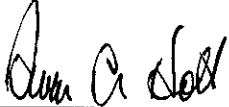
On this *26th day of July, 2004*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Village of West Clay Drain, Section 10003 Arm*.

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 10003

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 Monuments and Markers for the above referenced subdivision, and
4. To the best of my knowledge, information and belief, the Monuments and Markers within the subdivision have been installed and completed in conformity with all plans and specifications.

Signature:  Date: 2-15-05

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

Business /Address: The Schneider Corporation

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

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 10000075

SEAL





SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

May 12, 2005

**Re: Village of West Clay: Village of West Clay
Section 10003**

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 10003. 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 June 4, 2004. The report was approved by the Board at the hearing held July 26, 2004. (See Drainage Board Minutes Book 7, Pages 506-8)

The changes are as follows:

Structure:	Length:	Size:	Material:	Up Invert:	Dn Invert:	Grade:	Changes:
641A-641	28	12	RCP	891.9	891.22	2.43	
641-EX633	259	12	RCP	891.22	889.7	0.59	
638-637	224	15	RCP	891.14	890.49	0.29	
637-636	30	18	RCP	890.49	890.42	0.23	
636-635	209	24	RCP	890.42	890.16	0.12	
642B-642A	30	12	RCP	892.78	892.44	1.13	
642A-642	152	12	RCP	892.44	891.16	0.84	
682-681	298	12	RCP	891.38	888.09	1.1	-1
681-680	110	15	RCP	888.09	887.88	0.19	
680-676	217	18	RCP	887.88	887.17	0.33	-3
676-675	33	18	RCP	887.17	886.92	0.76	-2
678-677	30	12	RCP	891.29	891.03	0.88	
677-676	91	12	RCP	891.03	889.85	1.3	
677-679	59	12	RCP	891.69	891.03	1.12	

The length of the drain due to the changes described above is now **1770 feet**.

The non-enforcement was approved by the Board at its meeting on July 26, 2004 and recorded under instrument #200400052050.

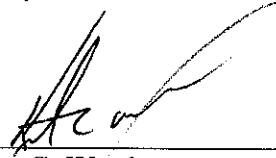
The following sureties were guaranteed by Lexon Insurance Company and released by the Board on its May 9, 2005 meeting.

Bond-LC No: 1003929
Insured For: Storm Sewers
Amount: \$79,637.00
Issue Date: February 20, 2004

Bond-LC No: 1003930
Insured For: Erosion Control
Amount: \$35,000.00
Issue Date: February 20, 2004

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

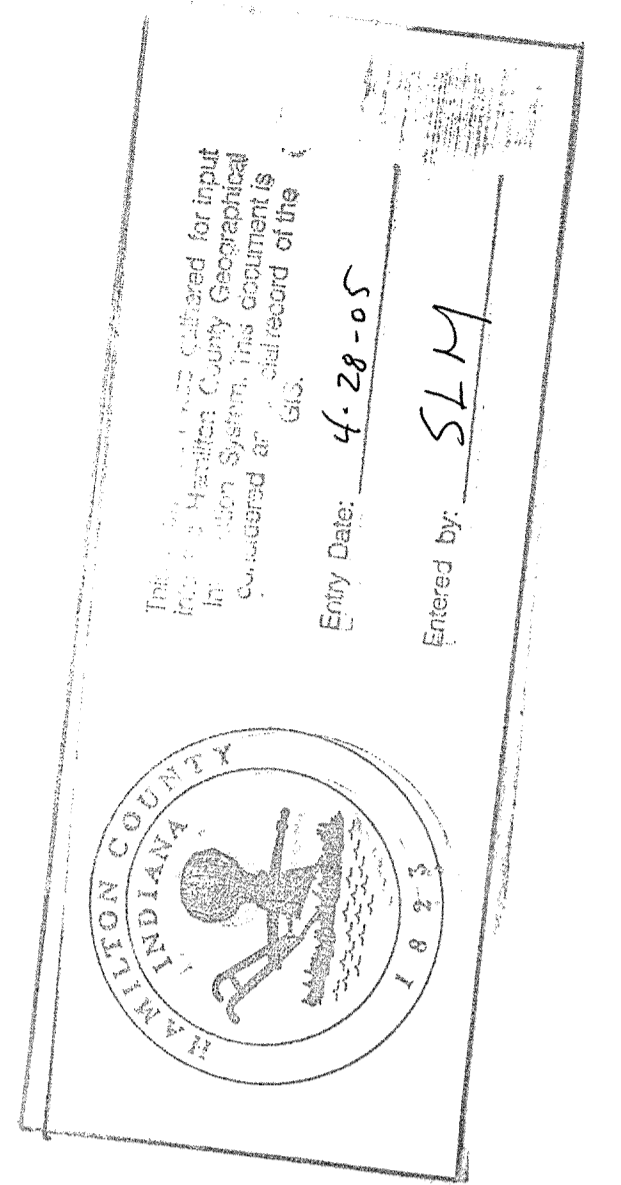
KCW/slm

SEC. 33-T18N-R3E

VILLAGE OF WESTCLAY SECTION 10003

(CONSTRUCTION PLANS)

HAMILTON COUNTY CARMEL, INDIANA



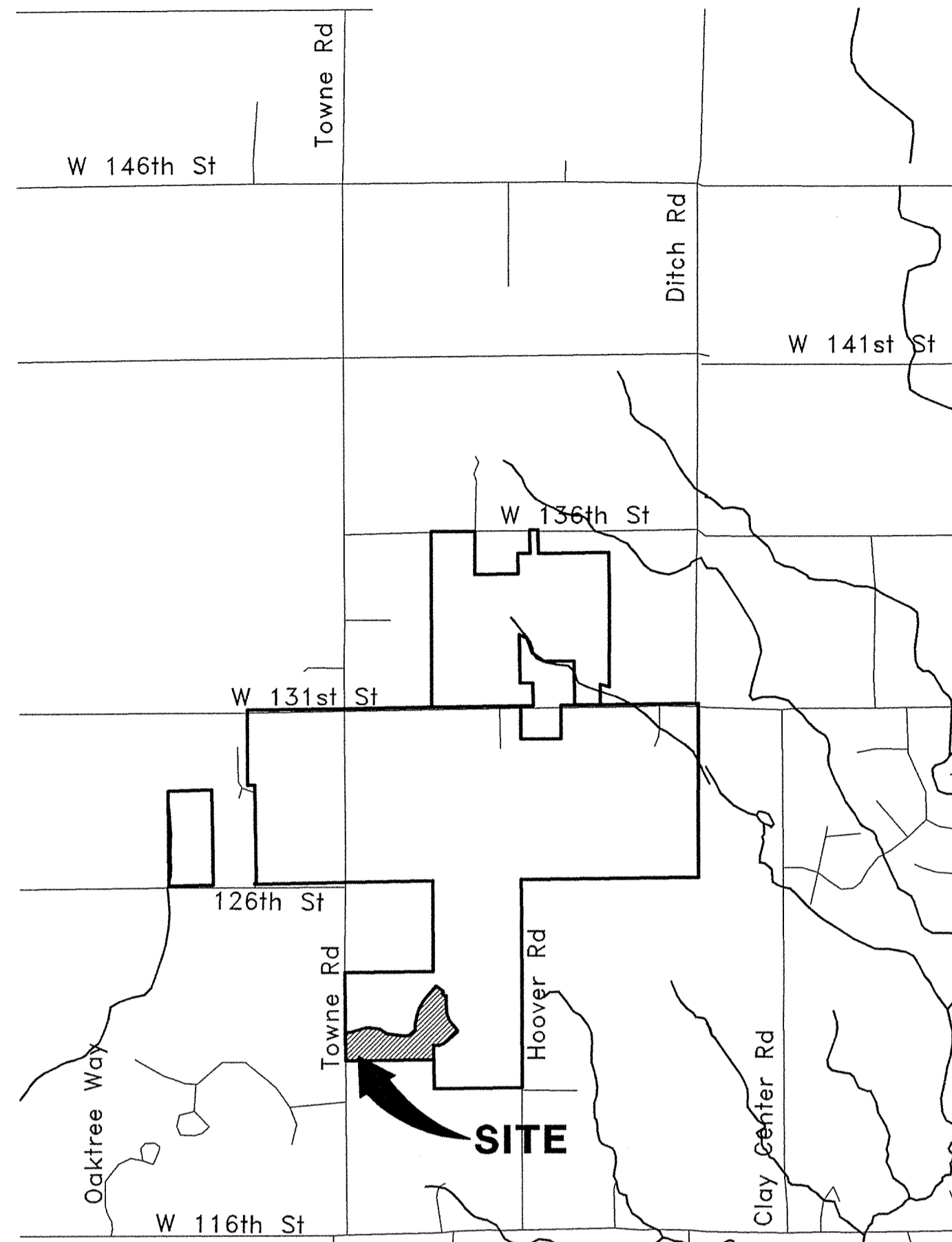
DEVELOPER:

BRENNICK DEVELOPMENT CO.

12821 E. NEW MARKET STREET, SUITE 200
CARMEL, INDIANA 46032

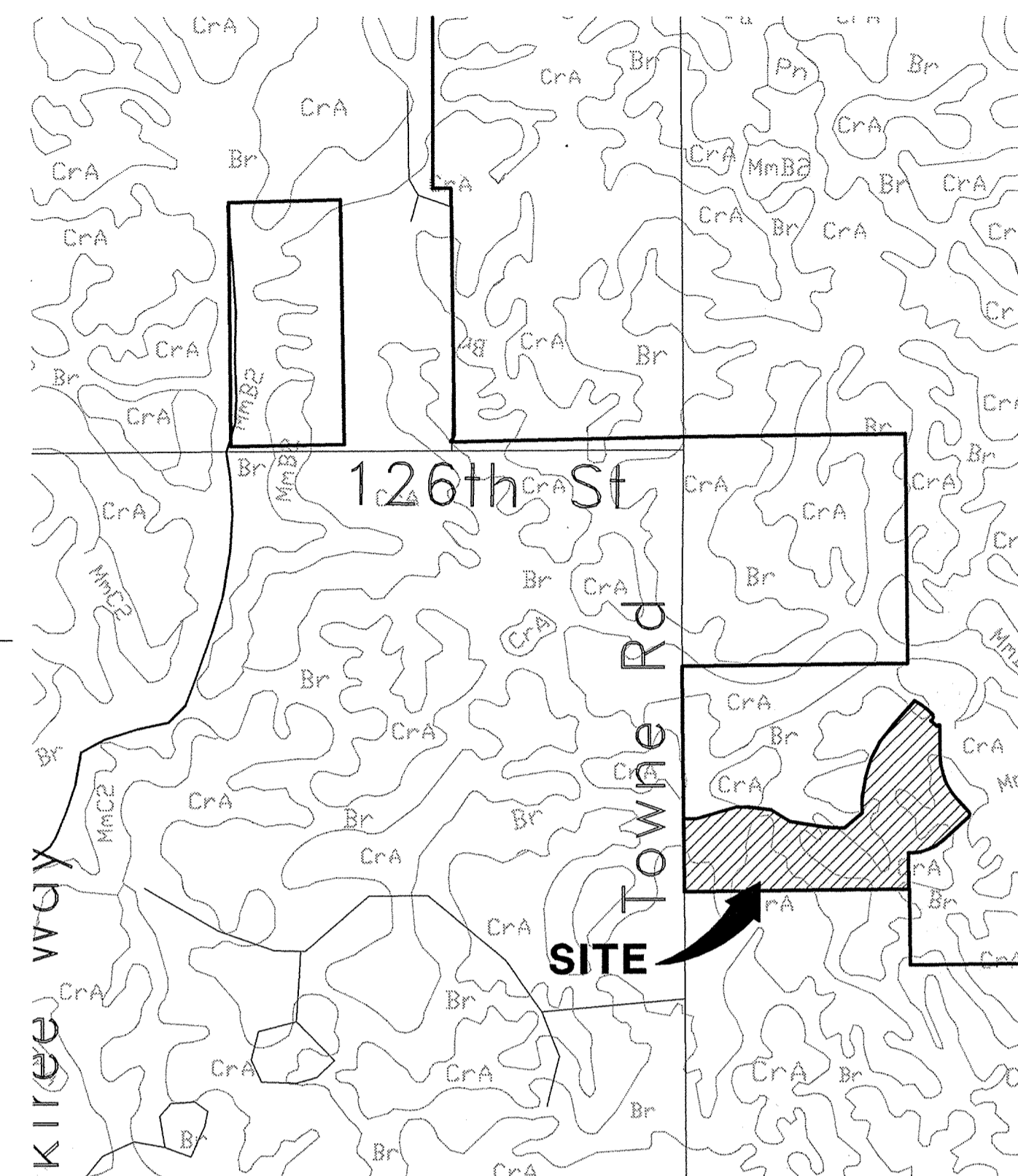
(317) 574-3400

(317) 574-3919 (FAX)



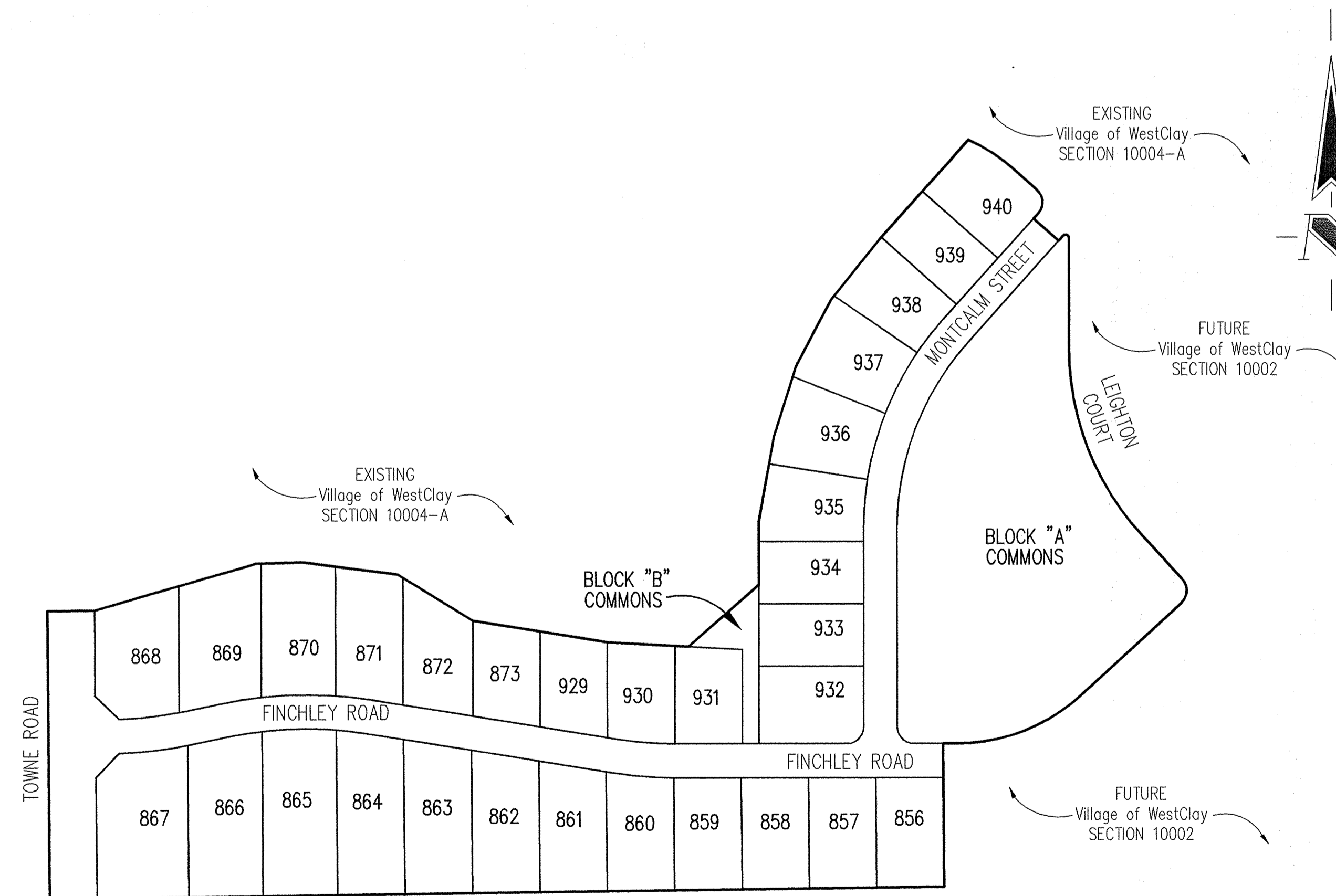
AREA MAP

NOT TO SCALE



SOILS MAP

NOT TO SCALE



SITE MAP

SCALE: 1" = 150'

DESIGN SPEED=20 MPH

SHEET No.	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-C202	STREET PLAN AND PROFILE
C301	INTERSECTION DETAILS
C302	ENTRANCE PLAN
C303	MAINTENANCE OF TRAFFIC PLAN
C401-C402	SANITARY SEWER PLAN & PROFILE
C601-C602	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

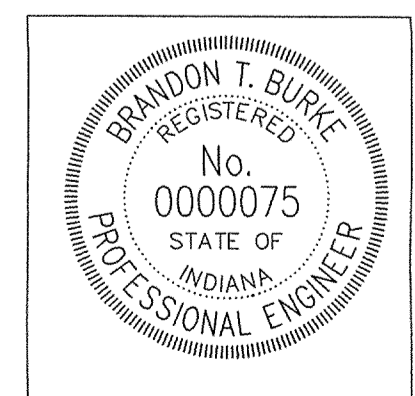
E-MAIL ADDRESS: bburke@schneidercorp.com

DATE	BY	DESCRIPTION
12/31/03	BET	ALL SHEETS
2/18/04	BET	ALL SHEETS
2/20/04	BET	C101, C201, C302, C402 & C601
2/27/04	DOC	C101, C102, C201, C202, C302, C303, C602, C801, C803
3/05/04	BTB	C804
3/31/04	BET	C101, C102, C107 & C108
6/28/04	BET	"RECORD DRAWING"

PROJECT ENGINEER: _____

CHECKED BY: _____ DATE CHECKED: _____

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



DATE: 11/12/03

SHEET
C100
OF
26

© 2003, The Schneider Corporation

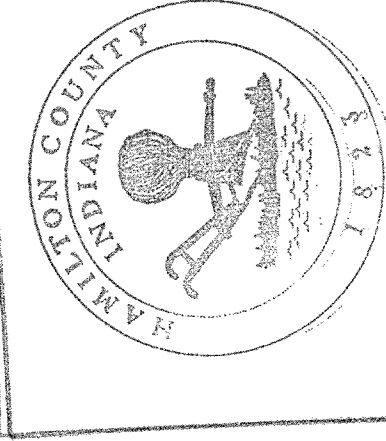
JOB No. 1238.1003

FILE NAME: N:\1238\1003\DWGS\C100.DWG

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

Entry Date: 4-28-05

Entered by: SLM



Storm Structure Data Table

Str. #	T.C.	INV. IN	INV. OUT	DEPTH	STR. SIZE	STR. TYPE	CASTING TYPE	PIPE SIZE	DIRECTION	IN/OUT
636	894.95	890.44	890.44	2.3'	48"	INLET	R-3010	18" 24"	S/N	
637	894.95	894.52	890.52	2.7'	48"	INLET	R-3010	15" 18"	S/N	
638	894.70	891.08	891.08	2.2'	36"	BEEHIVE	R-4342	12"	N	
641	895.90	891.79	891.79	4.1'	30"	MANHOLE	R-1772-A	12"	E	
641A	895.90	891.61	891.61	2.7'	36"	BEEHIVE	R-4342	12"	E	
642A	896.86	892.38	892.38	3.3'	48"	INLET	R-3010	12" 12"	S/N	
642B	896.86	892.57	892.57	3.1'	48"	INLET	R-3010	12"	N	
675		887.00	887.00			EMT SEC.		18"	SW	
676	893.40	887.17	887.17	4.5'	30"	MANHOLE	R-1772-A	12" 18"	S/NE	
677	894.63	890.73	890.73	2.6'	36"	INLET	R-3010	12" 12"	W/NE	
678	894.63	890.98	890.98	2.5'	36"	INLET	R-3010	12"	E	
679	895.14	891.39	891.39	2.6'	36"	INLET	R-3010	12"	NE	
680	893.40	887.61	887.61	4.1'	30"	MANHOLE	R-1772-A	15" 18"	W/N	
691	891.50	888.05	888.05	2.0'	36"	BEEHIVE	R-4342	12" 15"	N/E	
692	894.50	891.32	891.32	2.0'	36"	BEEHIVE	R-4342	12"	E	

HOLEY MOLEY SAYS
"DON'T
DIG
BLIND"

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

ASSUMED NORTH
SCALE: 1"=50'

GENERAL NOTES

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- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATIONS FOR EACH UTILITY BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN THE FIELD BEFORE WORK IS STARTED OR RESUMED.
- STANDARD SPECIFICATIONS FOR THE HAMILTON COUNTY SURVEYOR SHALL APPLY FOR ALL STORM SEWERS.
- STANDARD SPECIFICATIONS FOR CLAY TOWNSHIP REGIONAL WASTE DISTRICT SHALL APPLY FOR ALL SANITARY SEWERS. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
- THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES. REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED. ALL FILL AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-1557). FILL UNDER THE FOOTING SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-1557). WATERMAIN VALVES SHALL NOT BE LOCATED UNDER PAVEMENT.

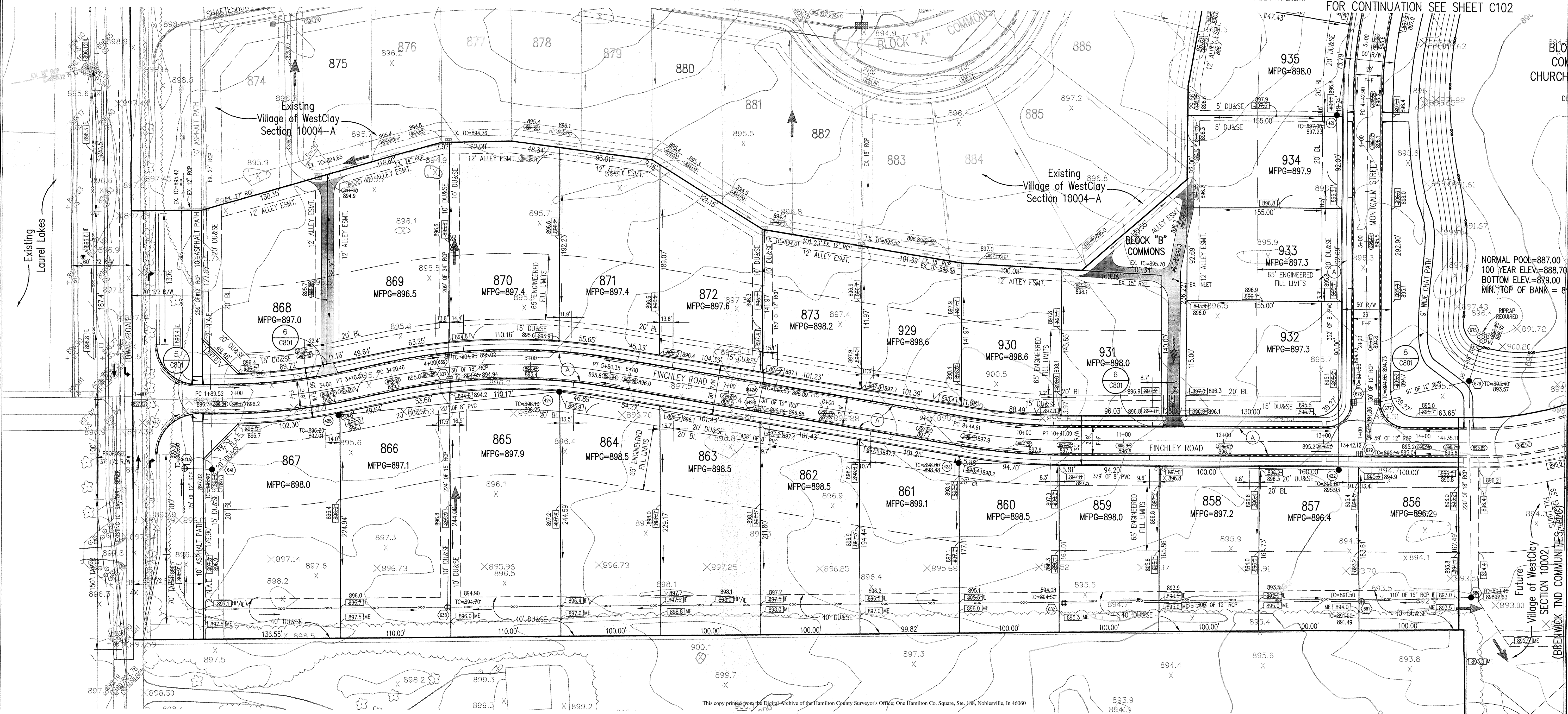
LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Existing Contour
- Existing Elevation
- New Pavement Grade
- All Other Finish Grades
- Match Existing Grades
- Corrected Grades
- Storm Structure Number
- Sanitary Structure Number
- Minimum Flood Protection Grade.
- Lowest Opening Permitted.
- Flow Arrow
- 6" Subsurface Drain
- 4" ssd Lot Lateral
- Swale (R)
- Existing Trees
- Existing Gas Main
- Existing Telephone
- Existing Water Main
- Existing Flowline
- Existing Overhead Utilities
- 2' Chairback Curb
- Emergency Overflow Routing

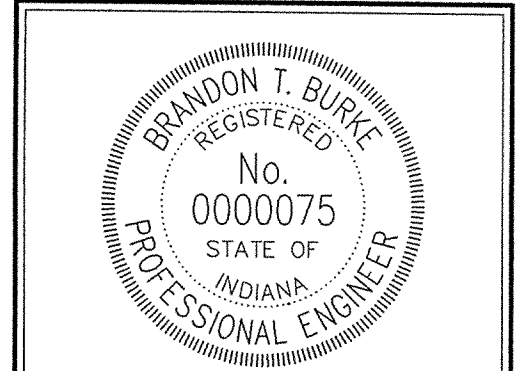
BENCHMARK

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

DRAINAGE
SUB-SURFACE DRAINAGE
SANITARY SEWER
STORM SEWER
RECORD DRAWING



REVISIONS:
1. REVISED PER THE COMMENTS.
2. REV. 2/18/04, REVISED PER TAG COMMENTS.
3. REV. 2/20/04, REVISED PER TAG COMMENTS.
4. REV. 3/19/04, REVISED PER CITY OF CARMEL COMMENTS.
5. REV. 6/28/04, "RECORD DRAWING"
6. REV. 6/28/04, "RECORD DRAWING"



Brandon T. Burk
DATE: 11/12/03

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Village of WestClay
SECTION 10003
CARMEL, INDIANA
BRENWICK DEVELOPMENT CO.
CARMEL, INDIANA

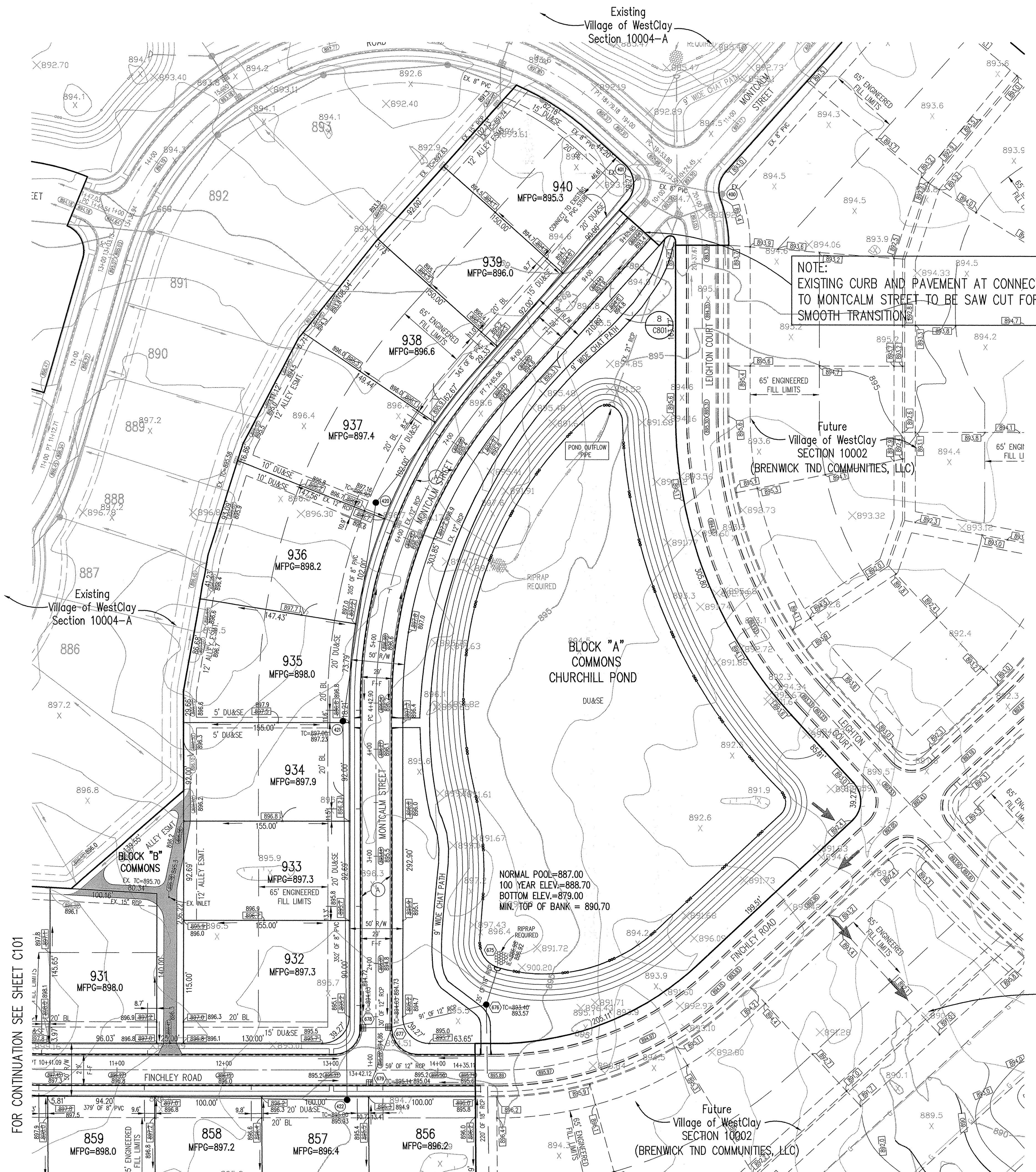
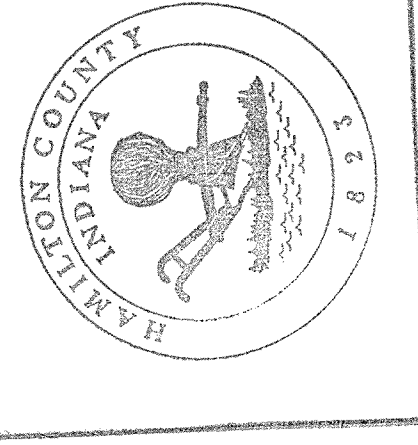
DATE:	PROJECT NO.:
10/31/03	1238.1003
DRAWN BY:	CHECKED BY:
DCC	
SHEET TITLE:	
DEVELOPMENT PLAN	
DRAWING FILES:	
N:\1238\1003\DWG\C101-C102.DWG	
XREF: 1004-ABS.DWG	
XREF: 1002-BS.DWG	
XREF: 1004-ABS.DWG	
XREF: CAS.DWG, CAS.DWG, CA7.DWG, CAS.DWG	
SHEET NO.:	

C101

This information was prepared for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 4-28-05

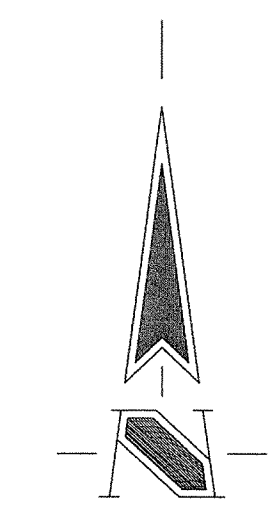
Entered by: SLM



NOTE:
EXISTING CURB AND PAVEMENT AT CONNECTION TO MONTCALM STREET TO BE SAW CUT FOR SMOOTH TRANSITION.

NOTE:
SEE PLANS FOR THE VILLAGE OF WestClay SECTION 10002 FOR CONTINUATION OF EMERGENCY FLOOD ROUTING.

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ASSUMED NORTH SCALE: 1" = 50'

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- THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
- SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 5' IN WIDTH.
- CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS AREA TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SPACES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
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LEGEND

- Existing Storm Sewer
- New Storm Sewer
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- Existing Elevation
- New Pavement Grade
- All Other Finish Grades
- Match Existing Grades
- Corrected Grades
- Storm Structure Number
- Sanitary Structure Number
- Minimum Flood Protection Grade.
- Lowest Opening Permitted.
- Flow Arrow
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- 4" ssd Lot Lateral
- Swale (S)
- Existing Trees
- Existing Gas Main
- Existing Telephone
- Existing Water Main
- Existing Flowline
- Existing Overhead Utilities
- 2' Chairback Curb
- Emergency Overflow Routing

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

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

FOR CONTINUATION SEE SHEET C101

FOR CONTINUATION SEE SHEET C101

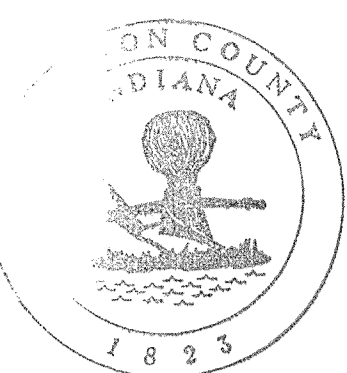
REVISIONS:
1. REVISED PER IAC COMMENTS
2. REV. 2/18/04, REVISED PER IAC COMMENTS
3. REV. 2/27/04, REVISED PER CITY OF CARMEL COMMENTS
4. REV. 6/28/04, RECORD DRAWING

BRANDON T. BURKE
REGISTERED
No. 000075
STATE OF INDIANA
PROFESSIONAL ENGINEER
Brandon T. Burke
DATE: 11/12/03
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Landscape Architecture
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Village of WestClay
SECTION 10003
CARMEL, INDIANA
BRENNICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 10/31/03 PROJECT NO.: 1238.1003
DRAWN BY: DCC CHECKED BY:
SHEET TITLE: DEVELOPMENT PLAN
DRAWING FILES:
N:\1238\1003\DWG\C101-C102.DWG
XREF: 1003-SS.DWG
XREF: 1002-SS.DWG
XREF: 1004-ABS.DWG
XREF: CAS.DWG, CA6.DWG, CA7.DWG, CA8.DWG
SHEET NO.: C102



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Entry Date: 4-28-05

Entered by: SLM

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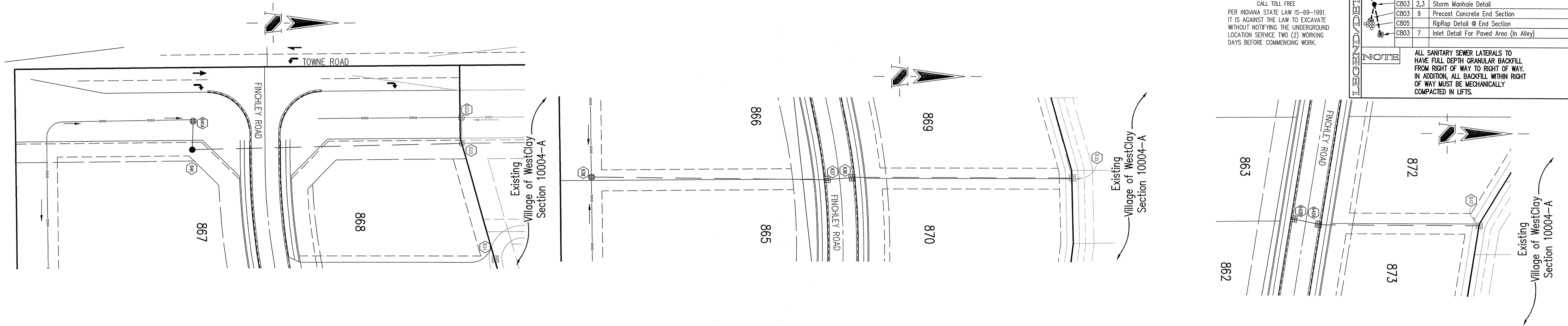
GENERAL NOTES

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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)

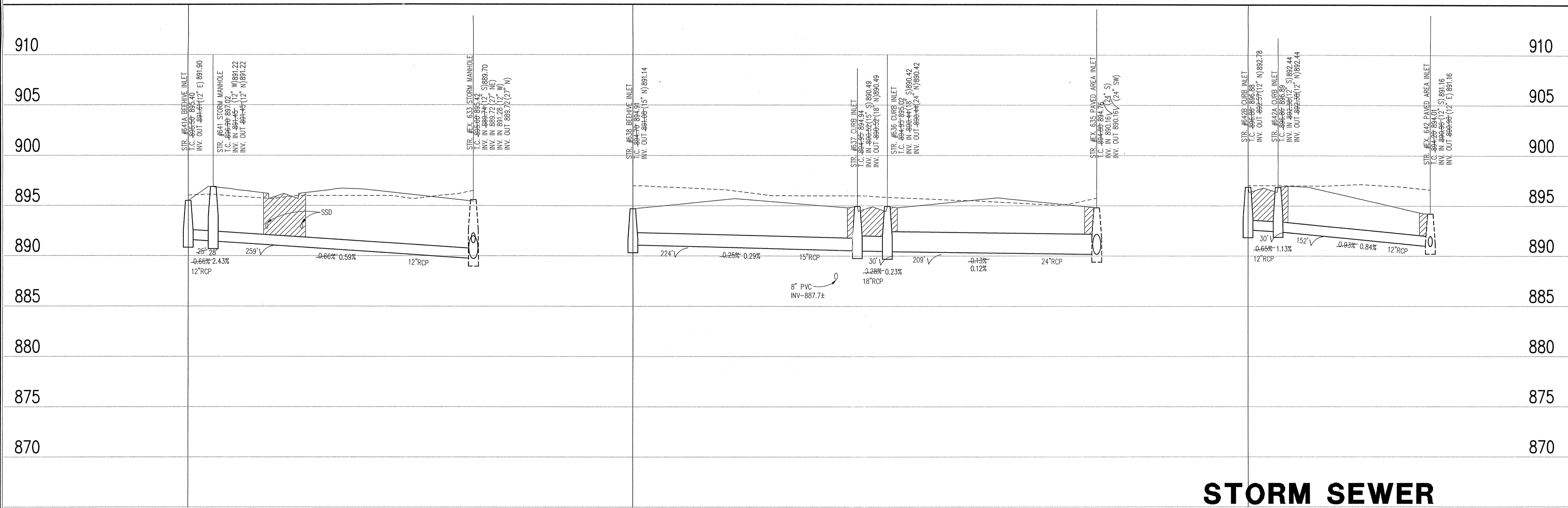
NOTE
 ALL SANITARY SEWER LATERALS TO HAVE FULL DEPTH GRANULAR BACKFILL FROM RIGHT OF WAY TO RIGHT OF WAY. IN ADDITION, ALL BACKFILL WITHIN RIGHT OF WAY MUST BE MECHANICALLY COMPACTED IN LIFTS.

REVISIONS:
 1. DATE: 11/12/03
 2. BY: [Signature]
 3. BY: [Signature]
 4. BY: [Signature]



STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

BRANDON T. BURKE
 REGISTERED PROFESSIONAL ENGINEER
 No. 0000075
 STATE OF INDIANA

Brandon T. Burke
 DATE: 11/12/03

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 Landscape Architecture
 Transportation Engineering

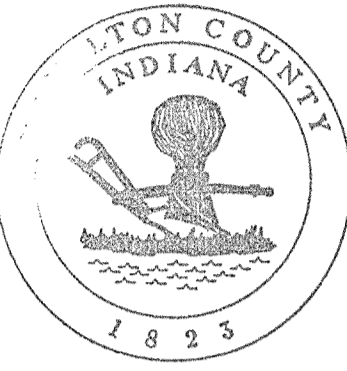
Village of WestClay
 SECTION 10003
 CARMEL, INDIANA

BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 10/31/03	PROJECT NO.: 1238.1003
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\1003\DWG\C601-602.DWG XREF: 1003-BS.DWG XREF: 1004-AS.DWG XREF: 1002-BS.DWG XREF: STORM.DWG	

SHEET NO.: **C601**

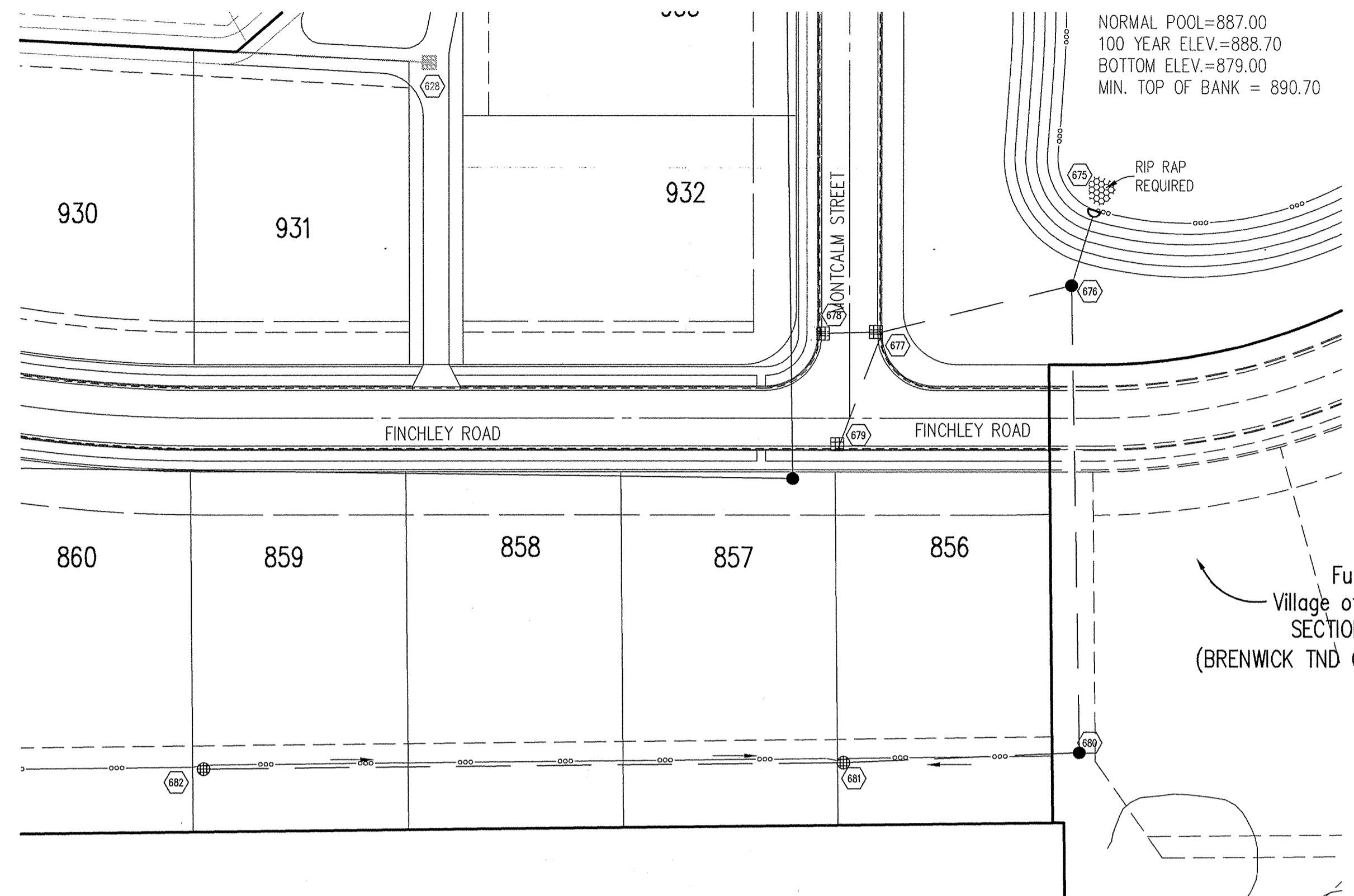
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Entry Date: 4-28-05

Entered by: SLM



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LEGEND/DETAILS

Sheet Detail Number	Description
C603 1	Bedding Detail - Reinforced Concrete Pipe (RCP)
C603 5	Straight Curb Inlet Detail (In Street)
C603 4	Beehive Inlet Detail
C603 2.3	Storm Manhole Detail
C603 9	Precast Concrete End Section
C603	RipRap Detail @ End Section
C603 7	Inlet Detail For Paved Area (In Alley)

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REVISIONS:
1. BET. 12/20/03, REVISED PER TAC COMMENTS.
2. BET. 2/18/04, REVISED PER TAC COMMENTS.
3. BET. 4/28/04, REVISED PER TAC COMMENTS.
4. BET. 6/10/04, RECORD DRAWING.



Brandon T. Burk
DATE: 11/12/03

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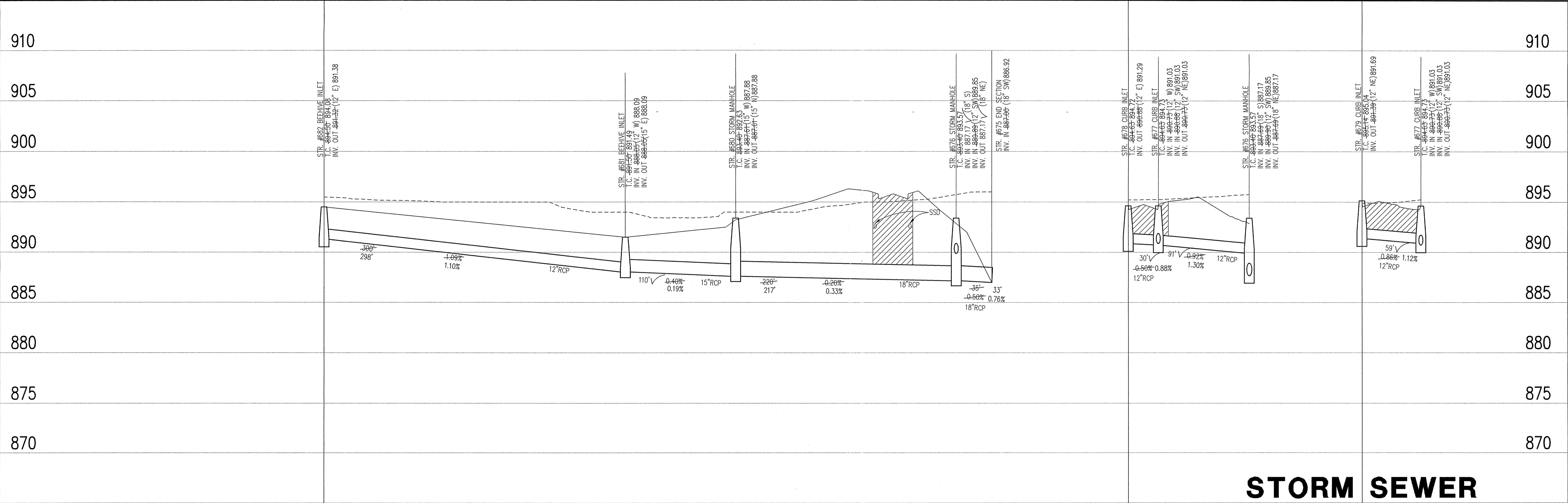
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STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND

Existing Grade	New Grade	Granular Backfill

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

Village of WestClay
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BRENNICK DEVELOPMENT CO.
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DATE: 10/31/03	PROJECT NO.: 1238.1003
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\1003\DWG\601-602.DWG XREF: 1003-BS.DWG XREF: 1004-BS.DWG XREF: 1002-BS.DWG XREF: STORM.DWG	
SHEET NO.: C602	