

Drain: VILLAGE AT WEST CLAY DRAIN **Drain #:** 312
Improvement/Arm: SECTION 10004-A
Operator: JOH **Date:** 6-29-04
Drain Classification: Urban/Rural **Year Installed:** 2003

GIS Drain Input Checklist

- Pull Source Documents for Scanning 9/10
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Stamp Plans _____
- Sum drain lengths & Validate _____
- Enter Improvements into Posse _____
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors _____

**Gasb 34 Footages for Historical Cost
Drain Length Log**

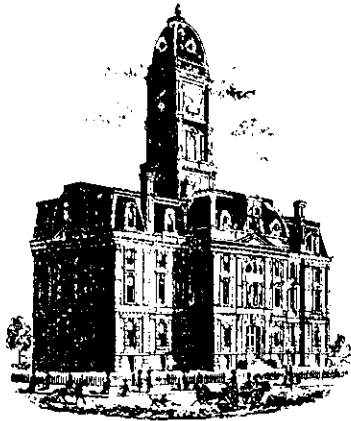
Drain-Improvement: VILLAGES AT WEST CLAY DRAIN - SECTION 16004-A

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
CMP	12"	18'				
RCP	12"	912'				
	15"	401'				
	18"	216'				
	21"	356'				
	24"	746'				
	27"	616'				
	30"	569'				
CMP	36"	260'				
OPEN DITCH		46'				

Sum: 4134

Final Report: _____

Comments:



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

May 20, 2003

To: Hamilton County Drainage Board

Re: Village of West Clay Drain, Section 10004-A Arm

Attached is a petition filed by Brenwick TND Communities, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 10004-A 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" CMP	18 ft	18" RCP	216 ft	27" RCP	616 ft
12" RCP	912 ft	21" RCP	356 ft	30" RCP	569 ft
15" RCP	401 ft	24" RCP	746 ft	36" CMP	260 ft
				Open Ditch	40 ft

The total length of the drain will be 4,134 feet.

The retention ponds (lakes) located in Block B and Block C Commons are 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 ponds (lakes) 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 the curbs are not to be part of the regulated drain. This is per an agreement between the Hamilton County Commissioners and Brenwick Development on April 26, 1999. (See Commissioner's Minute Book 93, pages 565 - 566).

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$5.00 per acre 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 \$4,800.00.

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:

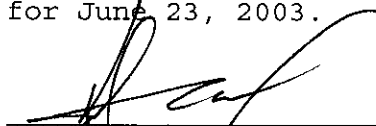
Agent: Bond Safeguard Ins. Co.	Agent: Bond Safeguard Ins. Co.
Date: May 7, 2003	Date: May 7, 2003
Number: 5004969	Number: 5004970
For: Storm sewers	For: Erosion Control
Amount: \$221,830.00	Amount: \$40,000.00

Parcel assessed for this drain may be assessed for the Collins-Osborne 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. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat Village of West Clay Section 10004-A as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for June 23, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

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 10004-A 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.

PROPOSAL & CONTRACT

DATE: February 26, 2003

CUSTOMER: Brenwick Development Co.

JOB NAME: West Clay 10004A

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 12/23/02 with revisions through 2/11/03. Topographic information provided on these drawings has been determined to need an adjustment of 0.45 feet lower in elevation than is shown. We reserve the right to 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.

In addition to the existing topographic elevation adjustment indicated above, the earthwork cost proposal is based upon raising the Section 10003 street, front yard, and lot break-point elevations by 0.4 feet in elevation in order to bring the site into a closer earthwork "balance".

Pricing for all sections is valid for 2003 construction season.

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 shown in proposed pavement areas.
- F. 4" 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.
- G. Sales tax.

FILED

MAY 15 2003

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 *UP OPERATIONS*

BRUNWICK DEVELOPMENT CO., INC.

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____

FINDINGS AND ORDER

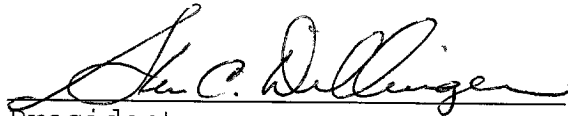
CONCERNING THE MAINTENANCE OF THE

Village of West Clay Drain, Section 10004-A Arm


On this *23rd day of June 2003*, 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 10004-A 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



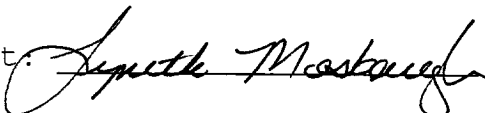
President



Member



Member

Attest: 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
Village of West Clay Drain, Section 10004-A

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Village of West Clay Drain, Section 10004-A** on **June 23rd**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE
Village of West Clay Drain, Section 10004-A

NOTICE

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

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

WAYNE J. KRAMER INC.

5845 S. 800 E.
ZIONSVILLE, IN 46077

(317)-873-4558



Proposal No. 2066

Date 4/8/03

Proposal Submitted To:

Brenwick Development
12722 Hamilton Crossing Blvd.
Carmel, IN 46032

Work to be Performed at:
West Clay Sect 10004

Attn: Keith Lash

Project: Erosion control

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

1. Temp broadcast seed future areas disturbed with winter rye. 10 acres @ \$ 420 per acre	\$ 4,200
2. Permanent hydroseeding and fine grading common areas 4 acres @ \$3,675 per acre	\$ 14,700
3. Temp hydroseed 20 feet behind curbs and alleys 5 acres @ \$ 1,840 per acre	\$ 9,200
4. Temp broadcast seed pads 9 acres @ \$ 625 per acre	\$ 5,625
5. Erosion control mat 3,000 sq yds @ \$ 1.15 per sq yd	\$ 3,450
6. Silt fence 500 lf @ \$1.00 per lf	\$ 500
7. Street drain protection and maintenance	\$1,175
8. IN sales tax on materials	\$ 1,150
TOTAL	\$ 40,000

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:

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: \$40,000.00 Dollars

net 30 days

Signature: Wayne J. Kramer Date 4/8/03

Date of Acceptance: _____

Signature: _____

Signature: _____

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR
RE: Village of West Clay Section 10004-A

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: 12/10/03

Type or print name: David K. Sexton, P.E.

Business /Address: The Schneider Corporation

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

Telephone: (317) 569-8112

SEAL



INDIANA REGISTRATION NUMBER

PE 9500028



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

January 25, 2005

Re: Village of West Clay Drain: Section 10004A Arm

Attached are as-builts, certificate of completion & compliance, and other information for Villages of West Clay Section 10004A. 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 May 20, 2003. The report was approved by the Board at the hearing held June 23, 2003. (See Drainage Board Minutes Book 6, Pages 86-87)

The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
635	894.77	890.32					
634	894.63	889.97	24	135	0.26	136	-1
634	894.63	889.97					
633	895.51	889.71	27	116	0.22	115	1
633	895.51	889.71					
632	897.87	889.17	27	254	0.21	256	-2
632	897.87	889.12					
631	895.66	889	27	163	0.07	160	3
631	895.66	889					
630	894.91	888.81	27	84	0.23	85	-1
630	894.91	888.81					
629	894.39	888.39	30	429	0.1	428	1
629	894.39	888.39					
623	893.22	888.02	30	141	0.26		
633A	895.45	891.25					
633	895.51	891.11	12	25	0.56		
631A	895.17	891.57					
631	895.66	891.01	12	26	2.18	25	1
640	895.52	891.97					
639	895.55	891.8	12	37	0.46	38	-1
639	895.55	891.8					
632A	895.82	891.12	12	15	4.44	14	1
632A	895.82	890.22					

632	897.87	889.27	12	125	0.76	122	3
642	893.98	890.98					
626	895.52	890.22	12	99	0.76	102	-3
628	895.7	891.6					
627	896.88	890.83	15	211	0.36	213	-2
627	896.88	890.83					
626	895.52	890.22	15	100	0.61		
672	890.46	886.96					
671	890.42	886.52	12	31	1.41	32	-1
671	890.42	886.52					
670		885.85	12	48	1.4	50	-2
644	889.25	887.25					
643		885.85	12	126	1.11	129	-3
626	895.52	890.22					
625	894.6	888.8	18	216	0.66		
625	594.6	888.8					
624	894.56	888.56	21	29	0.82	30	-1
624	894.56	888.56					
623	893.22	888.02	24	210	0.26		
623	893.22	888.02					
622	892.88	887.63	36	178	0.22		
622	892.88	887.63					
621	892.83	887.348	36	29	0.51	30	-1
621	892.83	887.48					
620		887.28	36	52	0.39		
653	892.63	889.53					
652	891.74	888.34	15	80	1.49		
652	891.74	888.34					
651	891.65	887.95	15	33	1.17		
651	891.65	887.95					
650	891.6	887.6	15	29	1	30	-1
650	891.6	887.6					
646	892.14	886.84	15	26	2.91	25	1
668	895.58	891.88					
667	896.15	890.8	12	157	0.69	157	
667	896.15	890.8					
666	895.97	890.17	12	30	2.09		
666	895.97	8883.67					
665		887.07	12	65	2.68	66	-1
649		887.24					
648	893.88	887.08	24	56	0.28	60	-4
648	893.88	887.38					
647	892.31	886.51	24	142	0.61		
647	892.31						
646	892.14	886.04	24	140	0.33		
646	892.14	885.94					
645		885.84	24	56	0.18	58	-2
662		887.05					

661	893.18	886.58	21	183	0.26	186	-3
661	893.18	886.48					
660		885.72	21	131	0.58	140	-9
663	893.34	889.94					
661	893.18	889.48	12	37	1.26		
664	893.02	889.52					
661	893.13	889.18	12	34	1		

RCP Pipe Totals:

12	855
15	479
18	216
21	343
24	739
27	617
30	570
36	259

Total: 4078

Other Drain:	
Open ditch	40
12" CMP	18
Total:	<u>58</u>

The length of the drain due to the changes described above is now **4,136 feet**.

The non-enforcement was approved by the Board at its meeting on June 23, 2003 and recorded under instrument #200300093800.

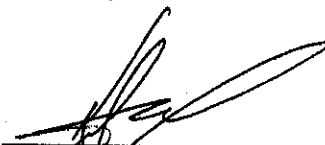
The following sureties were guaranteed by Bond Safeguard Insurance & Co. and released by the Board on its May 24, 2004 meeting.

Bond-LC No: 5004969
Insured For: Storm Sewers
Amount: \$221,830.00
Issue Date: May 7, 2003

Bond-LC No: 5004970
Insured For: Erosion Control
Amount: \$40,000.00
Issue Date: May 7, 2003

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 10004-A

(CONSTRUCTION PLANS)

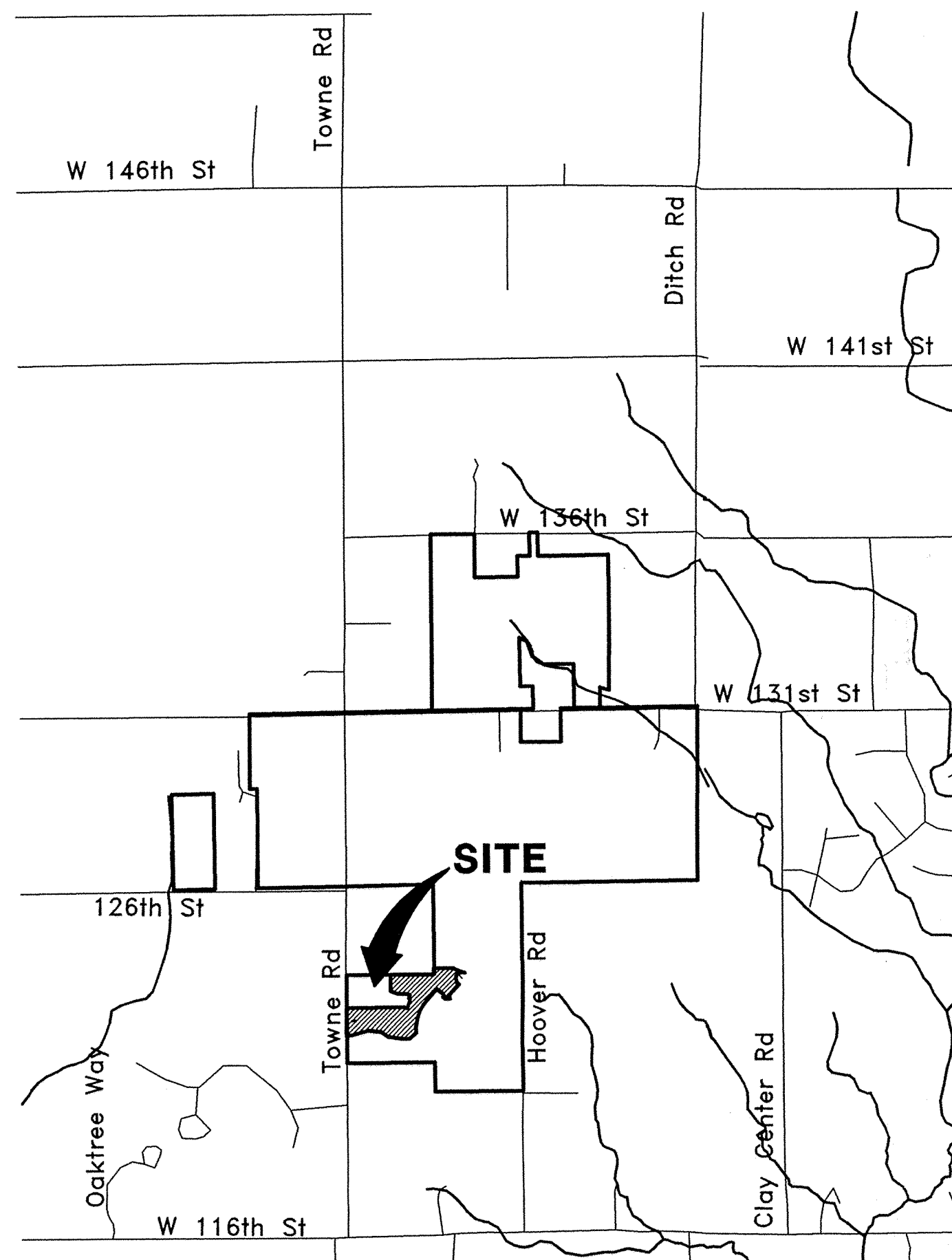
HAMILTON COUNTY CARMEL, INDIANA

DEVELOPER:

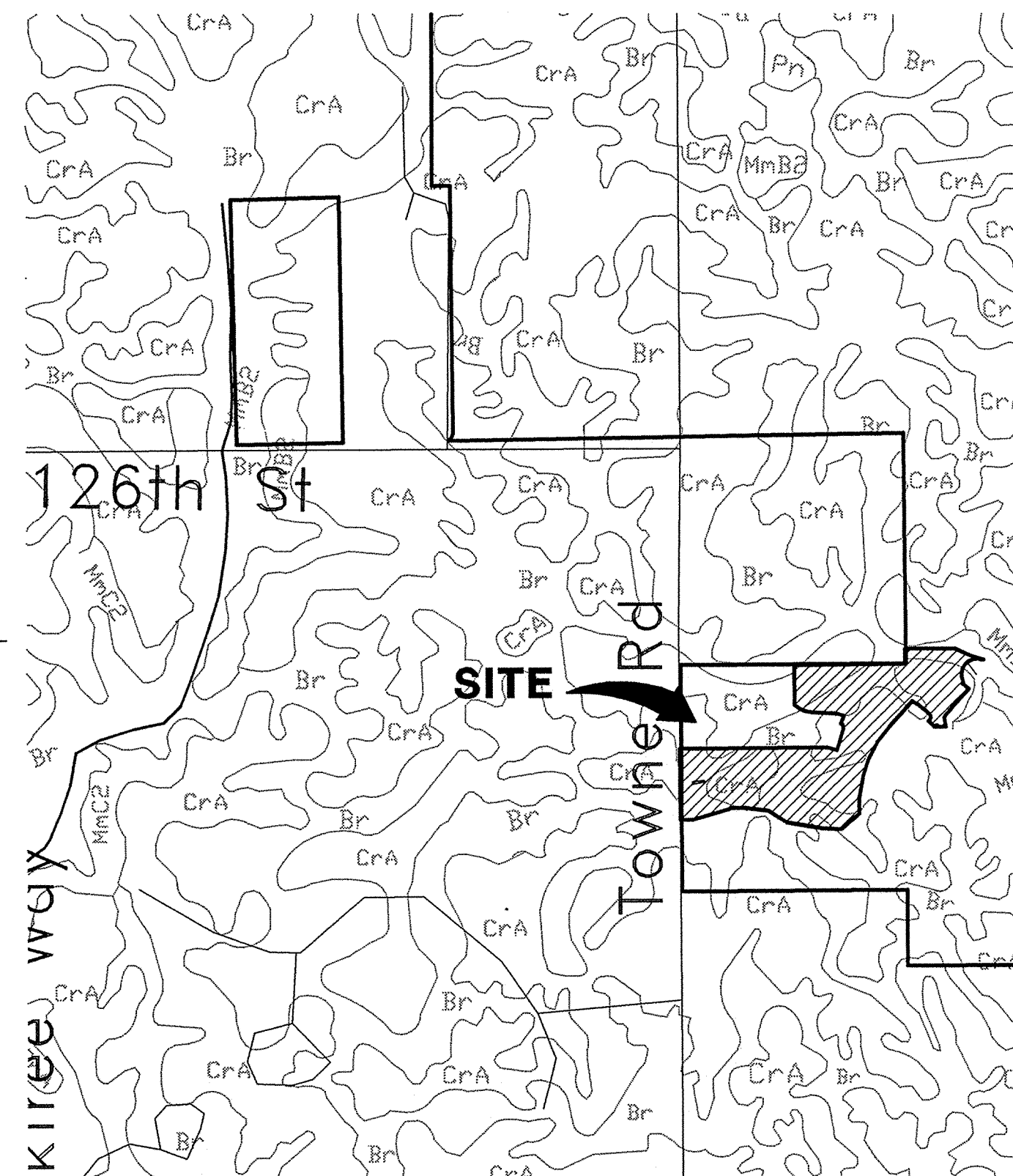
BRENWICK DEVELOPMENT CO.

12821 E. NEW MARKET STREET, SUITE 200
CARMEL, INDIANA 46032
(317) 574-3400

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



AREA MAP
NOT TO SCALE

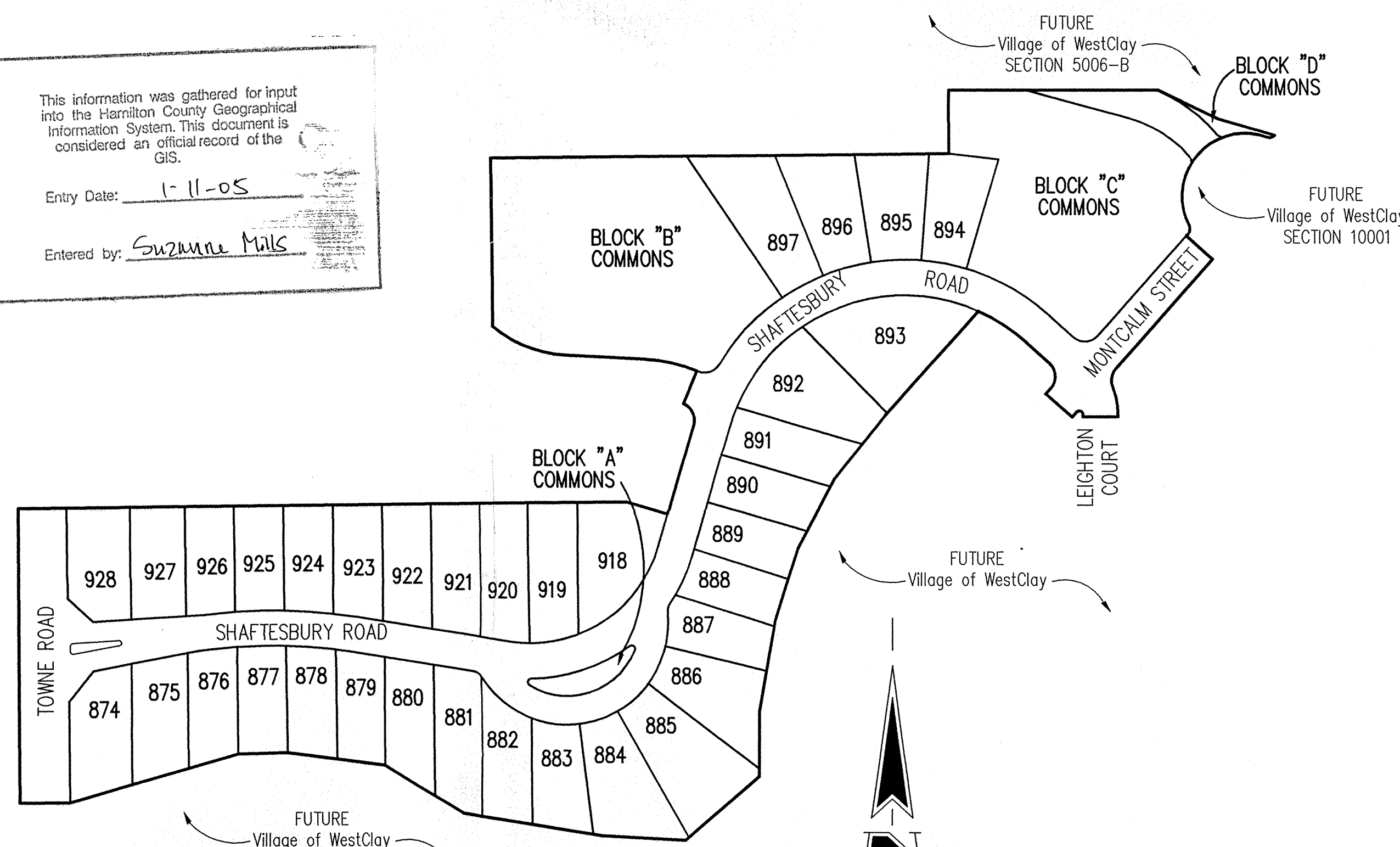


SOILS MAP
NOT TO SCALE

HAMILTON COUNTY INDIANA
1825

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

Entry Date: 1-11-05
Entered by: Suzanne Mills



SITE MAP
SCALE: 1" = 150'

SHEET No.	INDEX
	DESCRIPTION
C100	COVER SHEET
C101-C102	DEVELOPMENT PLAN
C103-C104	EROSION CONTROL PLAN
C105-C106	TRAFFIC CONTROL PLAN
C201-C203	STREET PLAN AND PROFILE
C301	INTERSECTION DETAILS
C302	ENTRANCE PLAN
C303	MAINTENANCE OF TRAFFIC PLAN
C401-C402	SANITARY SEWER PLAN & PROFILE
C601-C604	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-C806	HAMILTON COUNTY DETAILS
C901	SPECIFICATIONS

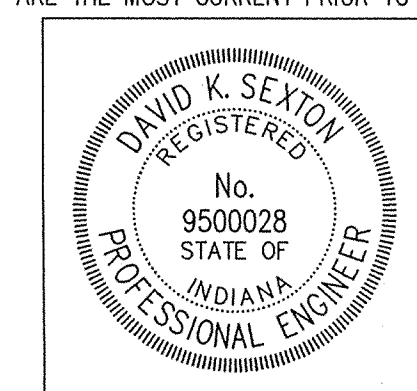
DESIGN SPEED=20 MPH



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

Architecture
Civil Engineering
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GIS * LIS
Home Builder Services
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Land Surveying
Landscape Architecture
Transportation Engineering

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DATE: 12/10/03

DATE:	BY:	DESCRIPTION:
01/24/03	BET	ALL SHEETS
01/28/03	DOC	ALL SHEETS
02/07/03	BET	C101, C102, C302, C603, C803
02/11/03	BET	ALL SHEETS
03/14/03	BET	ALL SHEETS
12/10/03	BET	C101, C102, C401, C402 & C601-C604

CERTIFIED BY: DAVID K. SEXTON
E-MAIL ADDRESS: dsexton@schneidercorp.com

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

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JOB No. 1238.1004

SHEET
C100
OF
28

SUB SURFACE DRAINAGE SANITARY SEWER STORM SEWER RECORD DRAWING

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *David K. Seyon*

THE SCHNEIDER CORPORATION
12821 E. NEW MARKET STREET SUITE 100
CARMEL, INDIANA 46032
(317) 569-8112 FAX (317) 826-6410

DAVID K. SEYON
REGISTERED PROFESSIONAL ENGINEER
No. 9500028
STATE OF INDIANA
DATE: 12/20/02

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.

ASSUMED NORTH
SCALE: 1"=50'

GENERAL NOTES

- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATIONS FOR EACH UTILITY BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN THE FIELD BEFORE WORK IS STARTED OR RESUMED.
- STANDARD SPECIFICATIONS FOR THE HAMILTON COUNTY SURVEYOR SHALL APPLY FOR ALL STORM SEWERS.
- 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.
- SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4' 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 SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES. REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.
- ALL FILL AREAS 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
- Denotes Suggested Minimum First Floor Elevation. Subject To Final House Plans.
- Flow Arrow
- 4" Subsurface Drain
- Swale (S)
- Water Main
- Existing Trees
- Existing Gas Main
- Existing Telephone
- Existing Water Main
- Existing Flowline
- Existing Overhead Utilities
- 2' Chairback Curb
- 2' Valley Gutter
- 2' Chairback Curb without Gutter

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. SET. 07/24/03. REVISED PER TAG COMMENTS.
2. LOC. 07/28/03. REVISED PER TAG COMMENTS.
3. SET. 08/07/03. REVISED PER TAG COMMENTS.
4. SET. 08/14/03. REVISED PER TAG COMMENTS.
5. SET. 08/14/03. REVISED PER TAG COMMENTS.
6. SET. 12/20/02. "RECORD DRAWING"

DATE:
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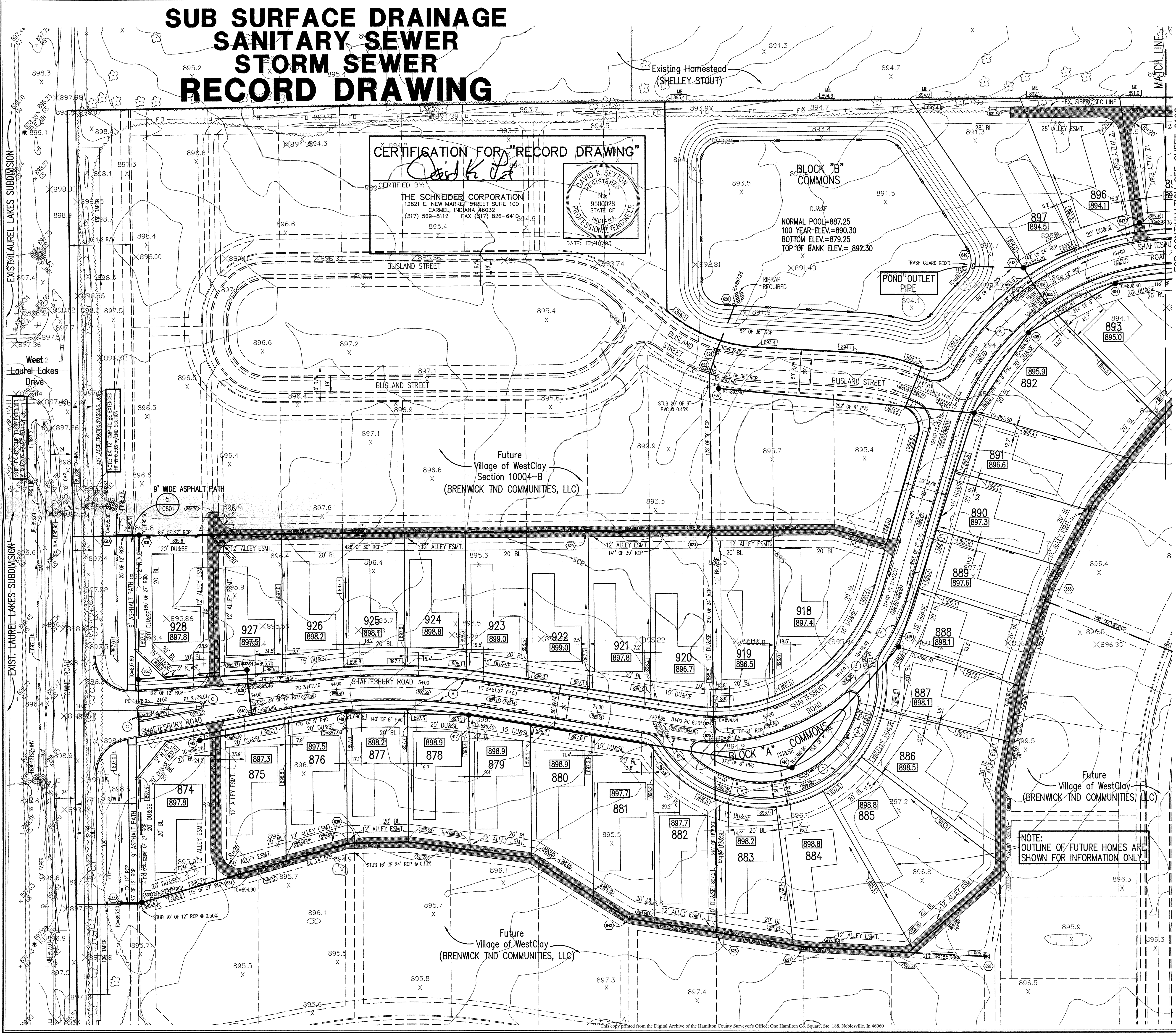
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Telephone: 317.569.8112
Fax: 317.826.6410
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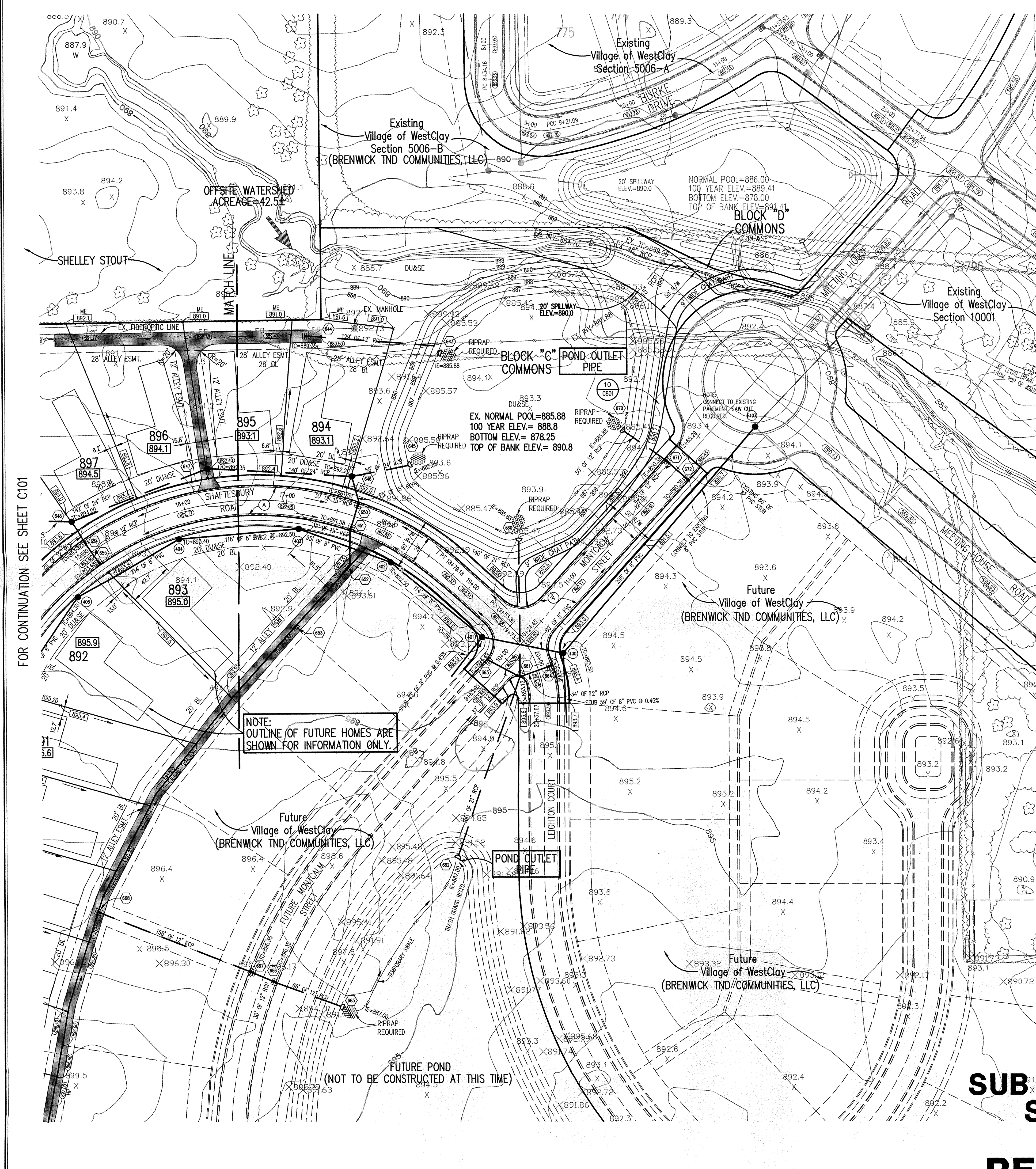
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Land Surveying
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Transportation Engineering

Village of WestClay
SECTION 10004-A
CARMEL, INDIANA
BRENWICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 12/23/02 PROJECT NO.: 1238.1004
DRAWN BY: DCC CHECKED BY:
SHEET TITLE: DEVELOPMENT PLAN
DRAWING FILES: H:\V238\1004\DWG\S\C101-102.DWG
XREF: 1004-ABS.DWG
XREF: 1004-BSS.DWG
XREF: 1005B.DWG
XREF: 5006ABS.DWG
XREF: 5006BSS.DWG
XREF: 1003-BSD.DWG, 1002-BSD.DWG
XREF: CAS.DWG, CAS.DWG, CAS.DWG, CAS.DWG
SHEET NO.: C101



N:\1238\1004\dwgs\C101-102.dwg, 12/08/2003 04:18:37 PV, bet



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"IT'S THE LAW"
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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.

ASSUMED NORTH
SCALE: 1"=50'

- GENERAL NOTES**
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
 - IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATIONS FOR EACH UTILITY BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN THE FIELD BEFORE WORK IS STARTED OR RESUMED.
 - STANDARD SPECIFICATIONS FOR THE HAMILTON COUNTY SURVEYOR SHALL APPLY FOR ALL STORM SEWERS.
 - 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.
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 - 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
- Denotes Suggested Minimum First Floor Elevation. Subject To Final House Plans.
- Flow Arrow
- 4" Subsurface Drain
- Swale (S)
- Water Main
- Existing Trees
- Existing Gas Main
- Existing Telephone
- Existing Water Main
- Existing Flowline
- Existing Overhead Utilities
- 2' Chairback Curb
- 2' Valley Gutter
- 2' Chairback Curb without Gutter

HAMILTON COUNTY INDIANA
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
Entry Date: 1-11-05
Entered by: Suzanne Mills

CERTIFICATION FOR "RECORD DRAWING"
CERTIFIED BY: David K. Post
THE SCHNEIDER CORPORATION
12821 E. NEW MARKET STREET SUITE 100
CARMEL, INDIANA 46032
(317) 569-8112 FAX (317) 826-6410
DATE: 12/10/03

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

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. BET. 07/24/03 REVISED PER TAC COMMENTS.
2. DCC 07/28/03 REVISED PER TAC COMMENTS.
3. BET. 07/29/03 REVISED PER TAC COMMENTS.
4. BET. 08/14/03 REVISED PER TAC COMMENTS.
5. BET. 08/14/03 REVISED PER TAC COMMENTS.
6. BET. 12/10/03 REVISED PER TAC COMMENTS.

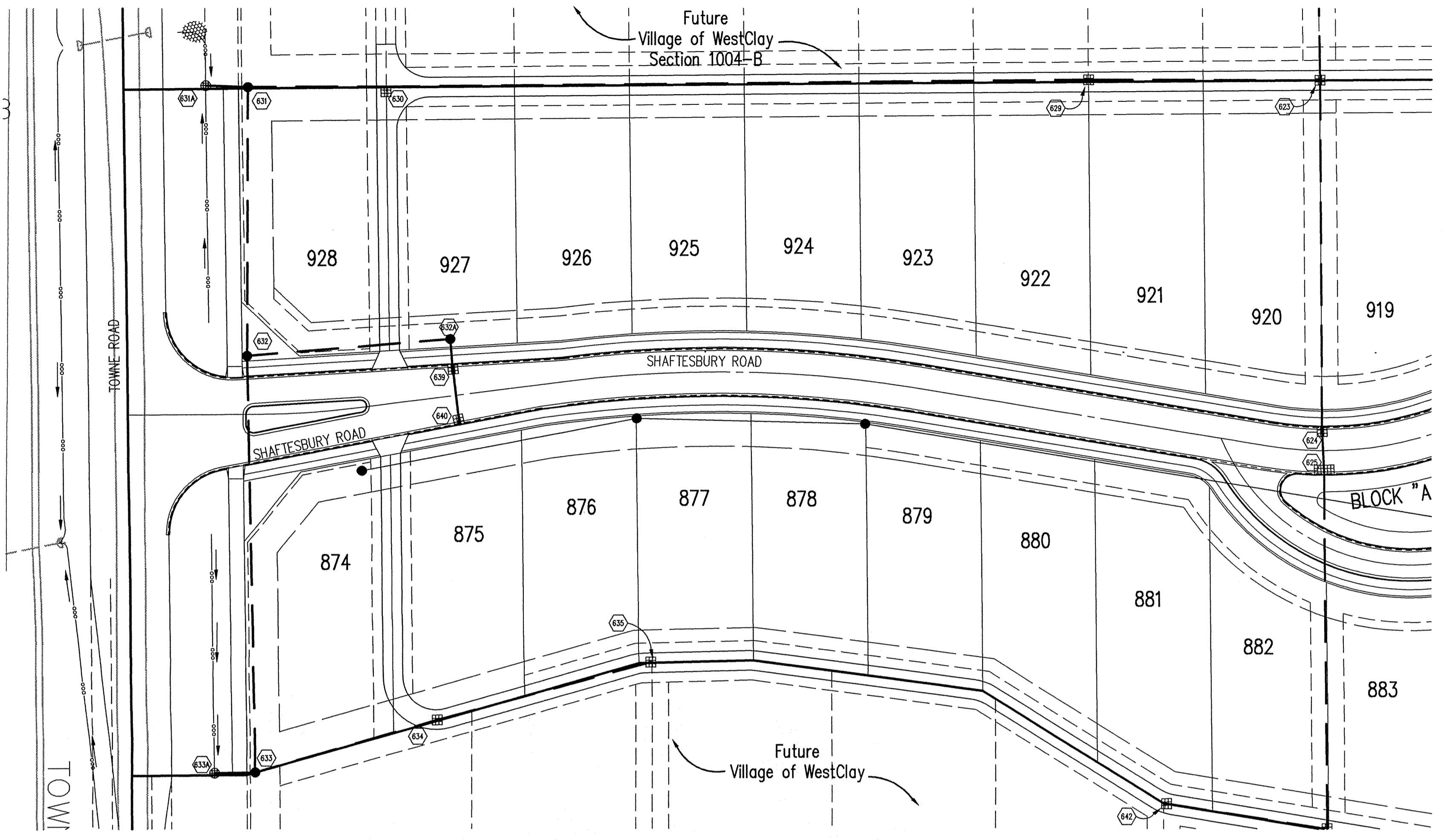
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Village of WestClay
SECTION 10004-A
CARMEL, INDIANA
BRENWICK DEVELOPMENT CO.
CARMEL, INDIANA

DATE: 12/23/02 PROJECT NO.: 1238.1004
DRAWN BY: DCC CHECKED BY:
SHEET TITLE: DEVELOPMENT PLAN
DRAWING FILES:
N:\1238\1004\DWG\C101-102.DWG
XREF: 1004-BS.DWG
XREF: 1004-SBS.DWG
XREF: 1001BS.DWG
XREF: 5006BS.DWG
XREF: 5006BS.DWG
XREF: 1003-BS.DWG, 1002-BS.DWG
XREF: CAS.DWG, CAG.DWG, CA7.DWG, CAB.DWG
SHEET NO.:
C102

N:\1238\1004\dwgs\C101-102.dwg, 12/09/2003 08:14:29 AM, .bet




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 PER INDIANA STATE LAW IS-69-1991
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

GENERAL NOTES

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- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

Sheet Number	Detail	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	Precast Concrete End Section	
C805 9	RipRap Detail	@ End Section
803 7	Inlet Detail	For Paved Area (In Alley)



This information was prepared for the Hamilton County GIS system. All information on this system is considered an official record of the GIS.

Entry Date: 1-11-05

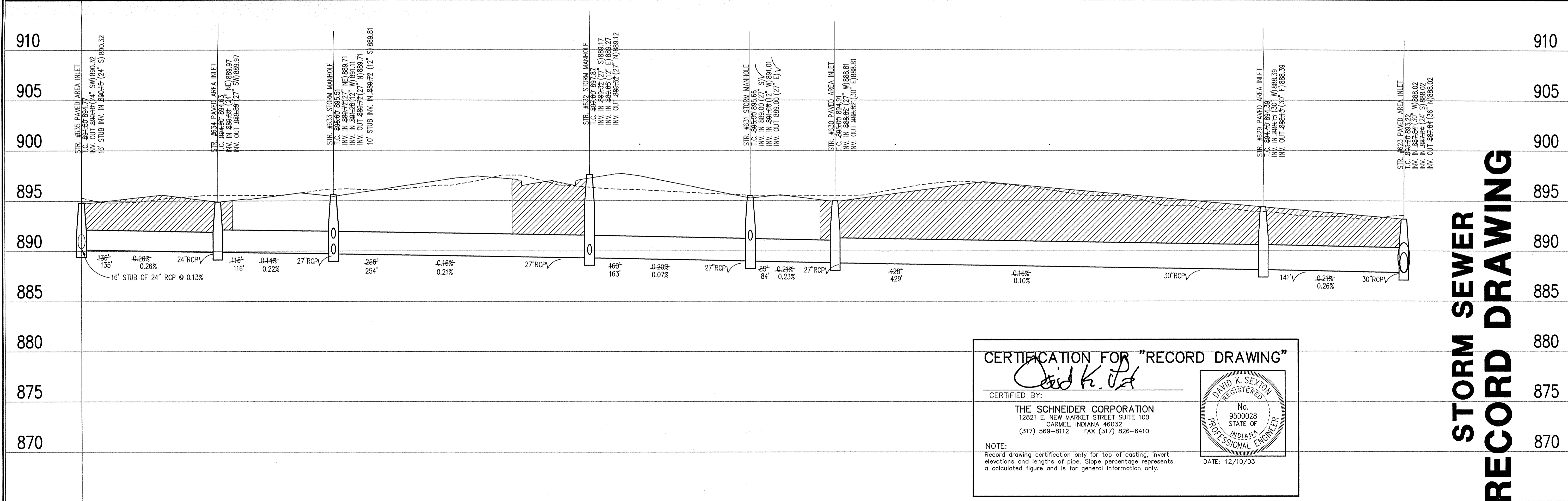
Entered by: Suzanne Mills

BENCHMARK

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

STORM SEWER PLAN

SCALE: 1"=50'



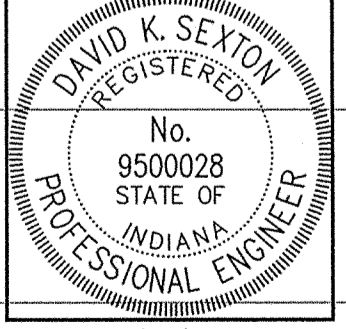
STORM SEWER RECORD DRAWING

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *David K. Sexton*

THE SCHNEIDER CORPORATION
 12821 E. NEW MARKET STREET SUITE 100
 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410

DATE: 12/10/03



STORM SEWER PROFILE


LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

REVISIONS:
 1. BET. 07/24/03, REVISED PER TAC COMMENTS.
 2. DEC. 07/11/03, REVISED PER EARTHWORK.
 3. BET. 12/10/03, REVISED PER TAC COMMENTS.

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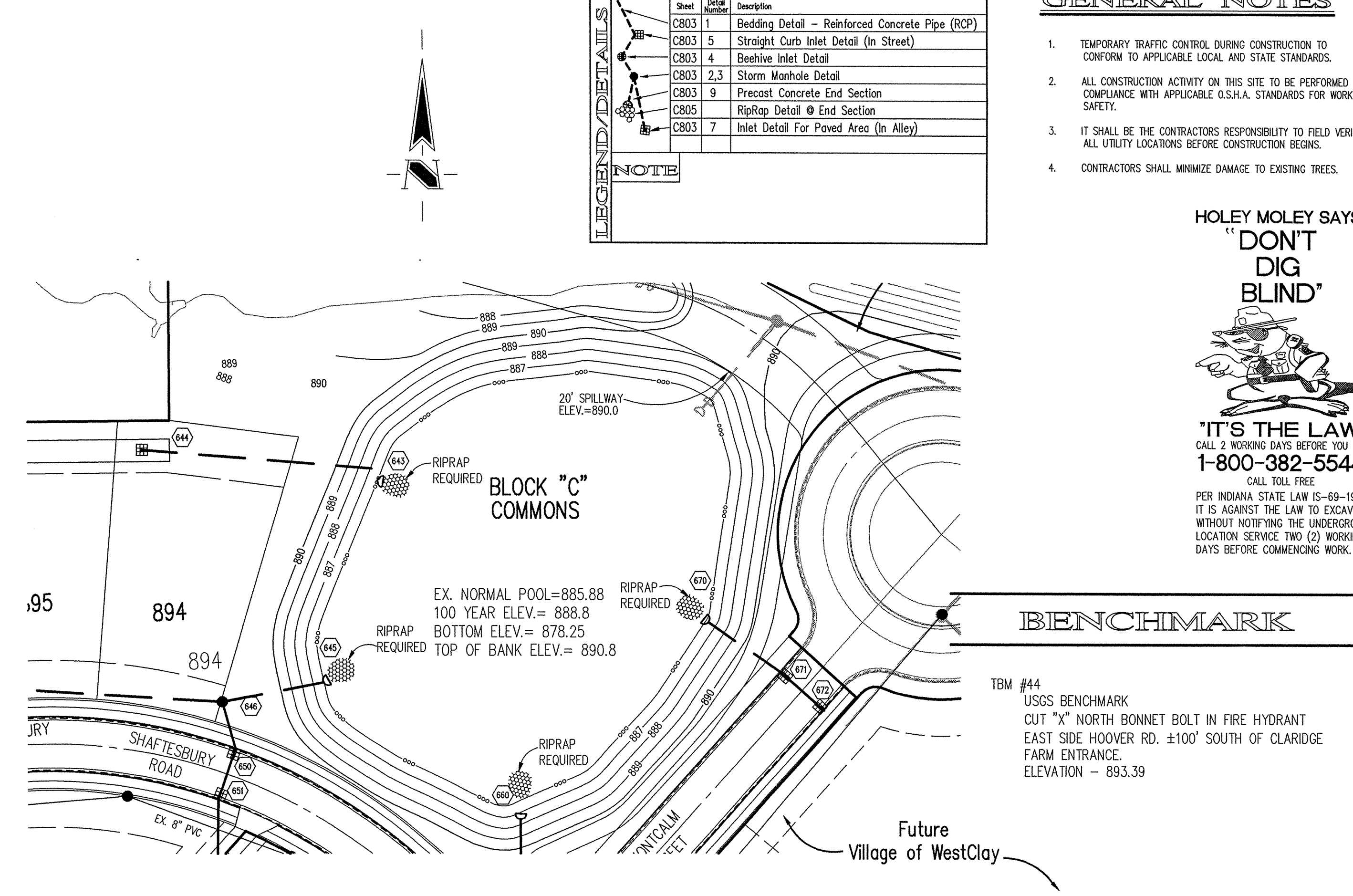
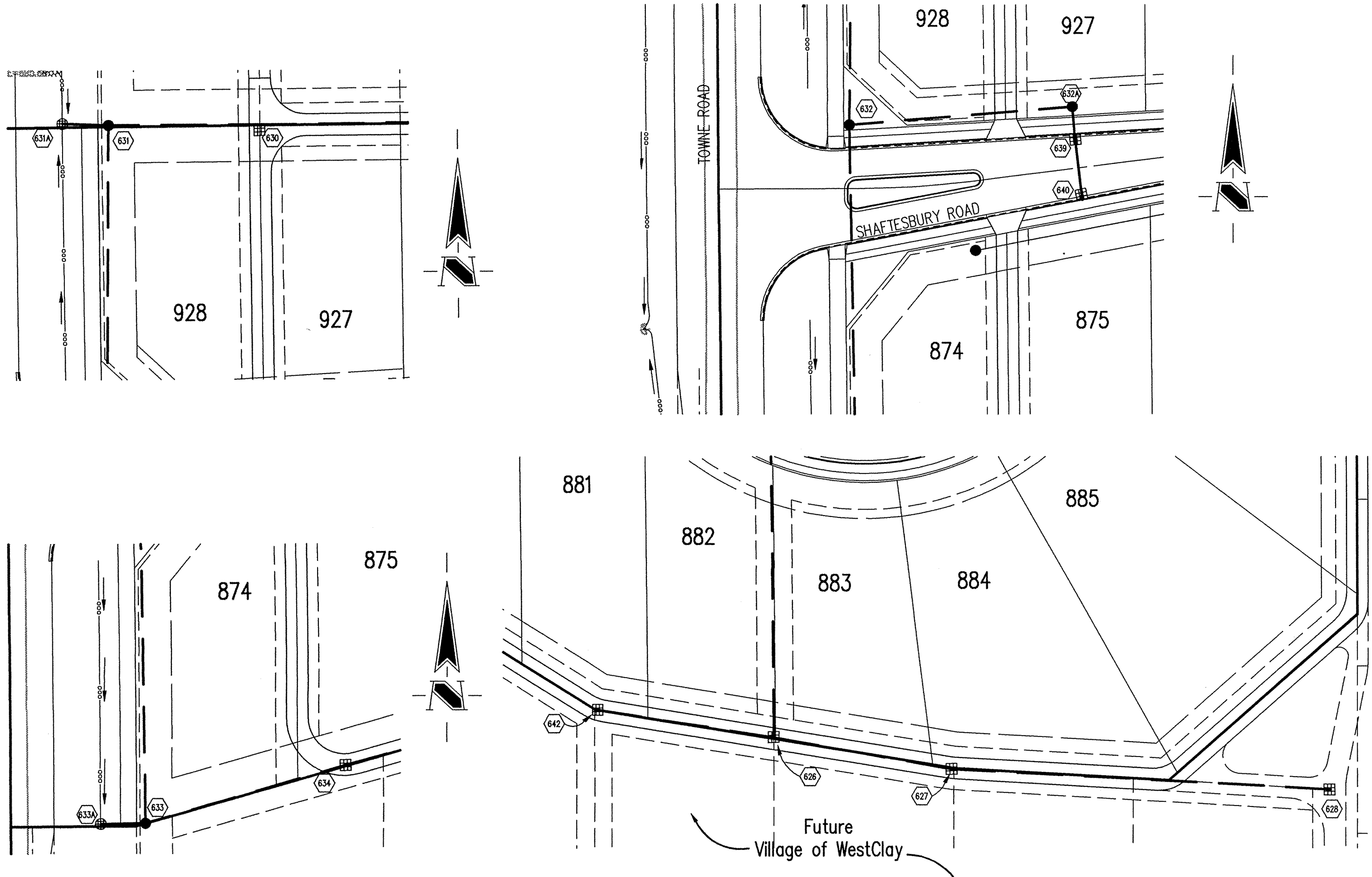


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 Landscape Architecture
 Transportation Engineering

Village of WestClay
 SECTION 10004-A
 CARMEL, INDIANA
 BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

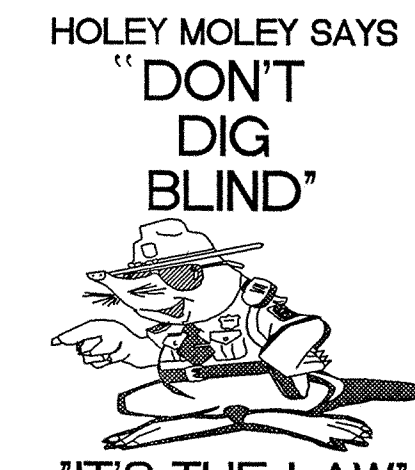
DATE: 12/23/02 PROJECT NO.: 1238.1004
 DRAWN BY: DCC CHECKED BY:
 SHEET TITLE: STORM SEWER PLAN & PROFILE
 DRAWING FILES:
 N:\1238\1004\DWG\C601-C604.DWG
 XREF: 1004-ABS.DWG
 XREF: 1004-BSS.DWG
 XREF: 1002-BSS.DWG, 1003-BSS.DWG
 XREF: 1001SS.DWG
 XREF: STORM.DWG
 SHEET NO.: C601



Sheet	Detail	Description
CB03	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
CB03	5	Straight Curb Inlet Detail (In Street)
CB03	4	Beehive Inlet Detail
CB03	2.3	Storm Manhole Detail
CB03	9	Precast Concrete End Section
CB05		RipRap Detail @ End Section
CB03	7	Inlet Detail For Paved Area (In Alley)

GENERAL NOTES

- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
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 DAYS BEFORE COMMENCING WORK.

REVISIONS:
 1. 02/10/03 REVISED PER TAC COMMENTS.
 2. 02/17/03 REVISED PER EARTHWORK.
 3. 02/17/03 REVISED PER EARTHWORK.
 4. 02/17/03 REVISED PER EARTHWORK.

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STORM SEWER PLAN

SCALE: 1"=50'

910	STR. #631 BEEFIVE INLET T.C. 889.25 INV. IN 889.25 (12" E) 891.25 INV. OUT 889.25 (12" E) 891.25	910
905	STR. #633 STORM MANHOLE T.C. 889.51 INV. IN 889.71 (12" N) 891.11 INV. IN 889.71 (12" N) 891.11 10' SUB INV. IN 889.44 (12" S) 889.81	905
900	STR. #631 BEEFIVE INLET T.C. 889.57 INV. IN 889.57 (12" E) 891.57 STR. #631 STORM MANHOLE T.C. 889.65 INV. IN 889.65 (12" S) 890.06 INV. OUT 889.65 (12" S) 890.06	900
895	STR. #632 STORM MANHOLE T.C. 887.87 INV. IN 889.17 (12" S) 889.17 INV. IN 889.25 (12" E) 889.27 INV. OUT 889.25 (12" N) 890.22	895
890	STR. #632A STORM MANHOLE T.C. 889.12 INV. IN 889.28 (12" S) 891.12 INV. IN 889.28 (12" S) 891.12 INV. OUT 889.28 (12" W) 890.22	890
895	STR. #633 CURB INLET T.C. 889.80 INV. IN 889.77 (12" S) 891.80 INV. IN 889.77 (12" S) 891.80 INV. OUT 889.77 (12" N) 891.80	895
890	STR. #630 CURB INLET T.C. 889.97 INV. IN 889.97 (12" N) 891.97 STR. #642 PAVED AREA INLET T.C. 889.98 INV. IN 889.98 (12" E) 890.98	890
895	STR. #624 PAVED AREA INLET T.C. 890.22 INV. IN 890.22 (12" W) 890.22 INV. IN 890.22 (15" SE) 890.22 INV. OUT 890.22 (18" N) 890.22	895
890	STR. #624 PAVED AREA INLET T.C. 890.22 INV. IN 890.22 (12" W) 890.22 INV. IN 890.22 (15" SE) 890.22 INV. OUT 890.22 (18" N) 890.22	890
895	STR. #627 PAVED AREA INLET T.C. 890.83 INV. IN 890.83 (15" E) 890.83 INV. OUT 890.83 (15" NW) 890.83	895
890	STR. #628 PAVED AREA INLET T.C. 891.60 INV. IN 891.60 (15" W) 891.60	890
895	STR. #670 END SECTION T.C. 885.85 INV. IN 885.85 (12" SE) 885.85	895
890	STR. #671 CURB INLET T.C. 886.52 INV. IN 886.52 (12" SE) 886.52 INV. IN 886.52 (12" NW) 886.52	890
895	STR. #672 CURB INLET T.C. 886.96 INV. IN 886.96 (12" NW) 886.96	895
890	STR. #644 PAVED AREA INLET T.C. 887.25 INV. IN 887.25 (12" SE) 887.25	890
895	STR. #643 END SECTION T.C. 886.85 INV. IN 886.85 (12" NW) 886.85	895
885	25' 0.46% 0.56% 12" RCPV	885
890	26' 2.18% 12" RCPV	890
895	122' 0.50% 12" RCPV	895
890	14' 0.50% 12" RCPV	890
895	37' 0.46% 12" RCPV	895
890	102' 0.65% 12" RCPV	890
895	99' 0.76% 12" RCPV	895
890	100' 0.45% 15" RCPV	890
895	211' 0.36% 15" RCPV	895
885	48' 1.40% 12" RCPV	885
890	59' 1.00% 12" RCPV	890
895	31' 1.41% 12" RCPV	895
885	129' 0.99% 12" RCPV	885
890	126' 1.11% 12" RCPV	890

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY:

DAVID K. SEXTON
 REGISTERED PROFESSIONAL ENGINEER
 No. 9500028
 STATE OF INDIANA
 DATE: 12/10/03

THE SCHNEIDER CORPORATION
 12821 E. NEW MARKET STREET SUITE 100
 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410

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

HAMILTON COUNTY INDIANA

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

Entry Date: 1-11-05
 Entered by: Suzanne Mills

STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

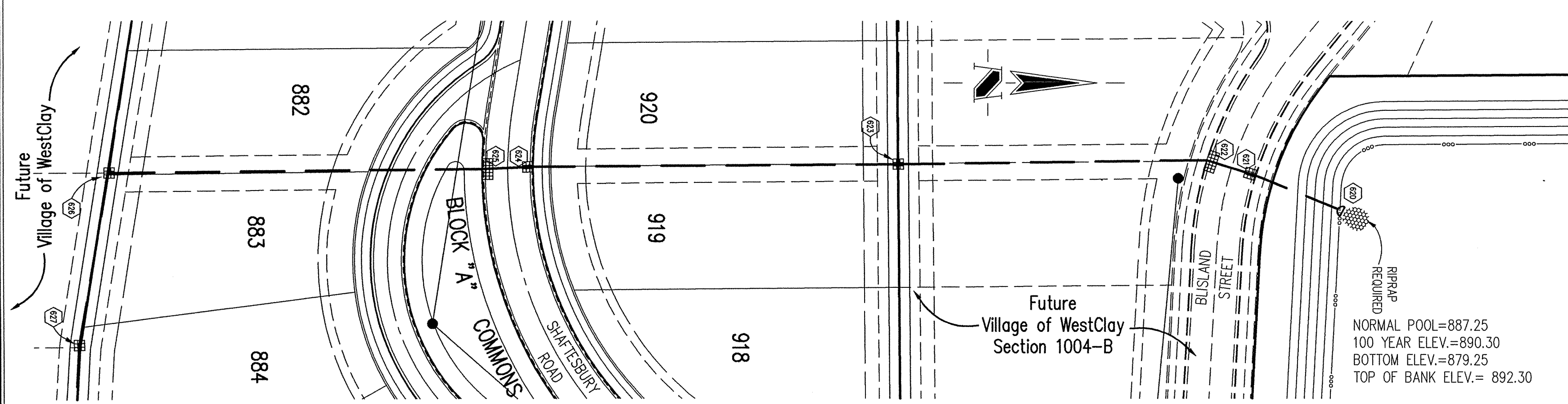
LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

Village of WestClay
 SECTION 10004-A
 CARMEL, INDIANA
 BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 12/23/02	PROJECT NO.: 1238.1004
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\1004\DWG\1238-1004-C604.DWG XREF: 1004-ABS.DWG XREF: 1004-BBS.DWG XREF: 1002-BBS.DWG, 1003-BBS.DWG XREF: 1005.DWG XREF: STORM.DWG	
SHEET NO.: C602	



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

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 DAYS BEFORE COMMENCING WORK.

GENERAL NOTES

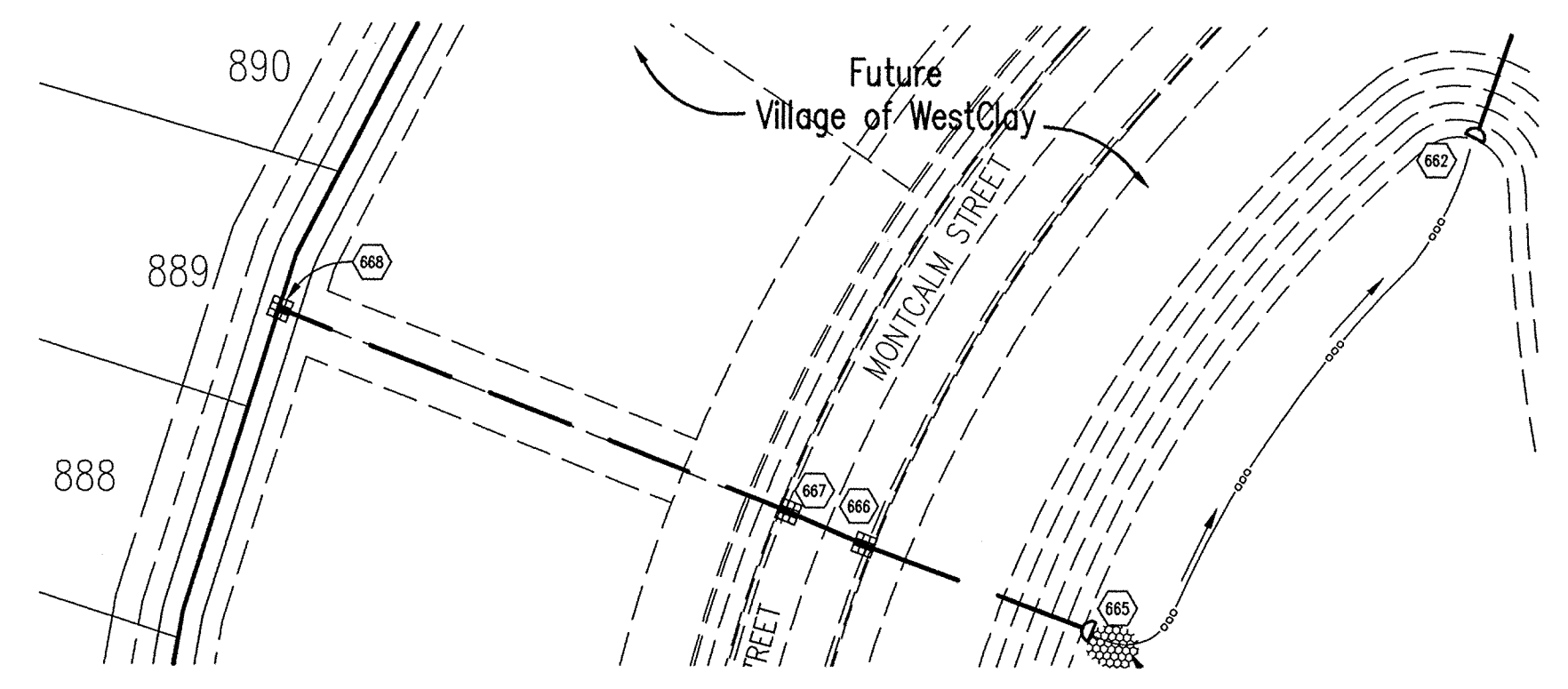
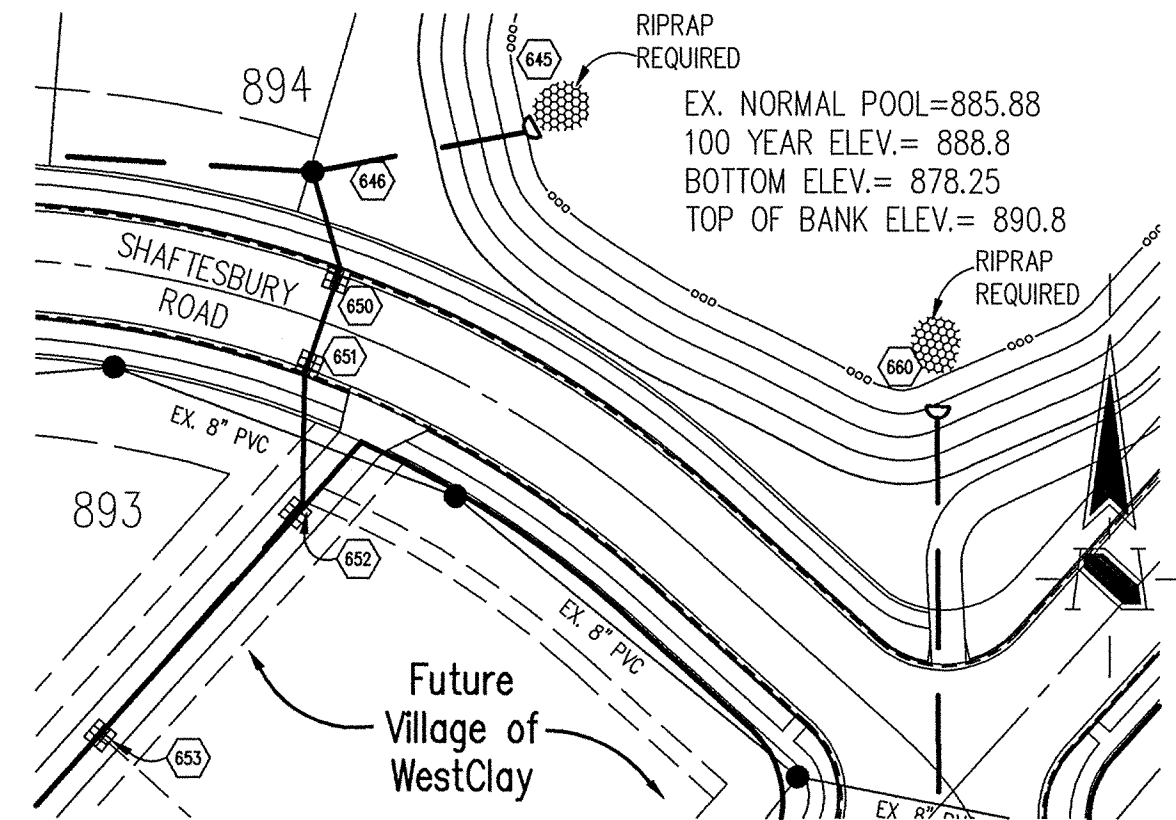
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

LEGEND/DETAILS

Sheet	Detail	Description
CB03	1	Bedding Detail - Reinforced Concrete Pipe (RCP)
CB03	5	Straight Curb Inlet Detail (In Street)
CB03	4	Beehive Inlet Detail
CB03	2,3	Storm Manhole Detail
CB03	9	Precast Concrete End Section
CB05		RipRap Detail @ End Section
CB03	7	Inlet Detail For Paved Area (In Alley)

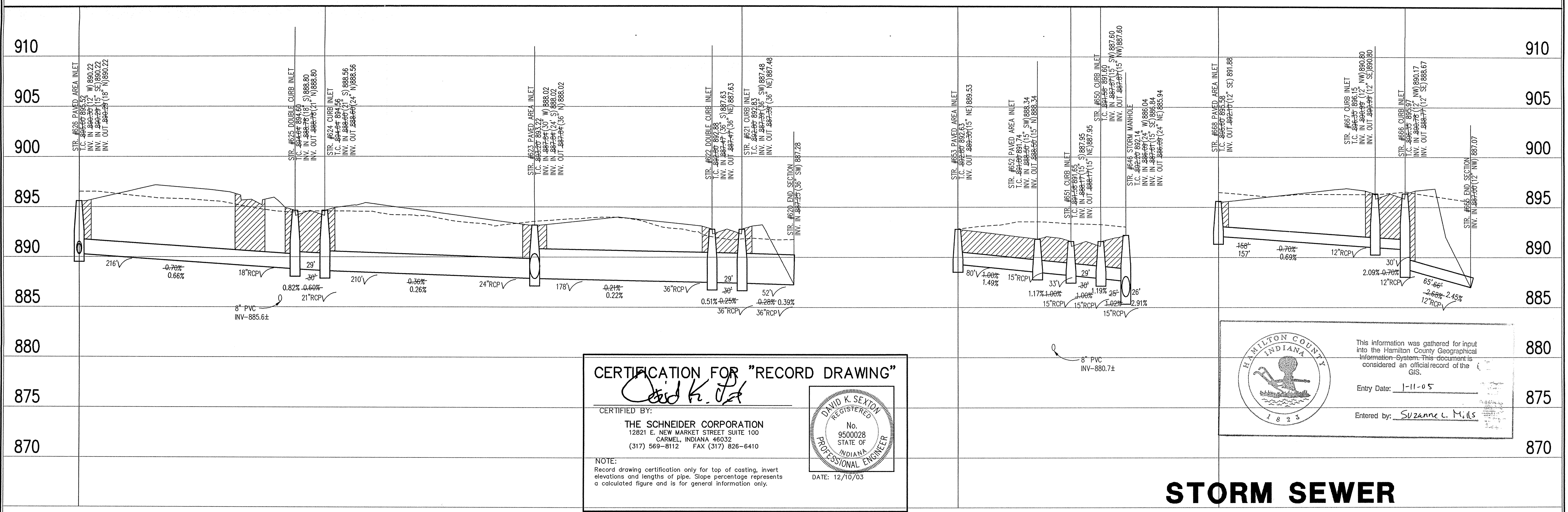
NOTE

REVISIONS:
 1. REV. 01/03/03 REVISED PER TAC COMMENTS
 2. REV. 02/07/03 REVISED PER SITE VISIT
 3. DEC. 02/17/03 REVISED PER EARTHWORK SUPERVISOR AND CLIENT COMMENTS.
 4. DEC. 04/15/03 RECALCULATED STRUCTURE SIZES
 5. DEC. 04/15/03 RECALCULATED STRUCTURE SIZES
 6. REV. 12/10/03 "RECORD DRAWING"



STORM SEWER PLAN

SCALE: 1"=50'



CERTIFICATION FOR "RECORD DRAWING"

David K. Sexton

CERTIFIED BY:
THE SCHNEIDER CORPORATION
 12821 E. NEW MARKET STREET SUITE 100
 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410

DAVID K. SEXTON
 REGISTERED
 No. 9500028
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 DATE: 12/10/03

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

HAMILTON COUNTY INDIANA

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

Entry Date: 1-11-05

Entered by: *Suzanne C. Mills*

STORM SEWER RECORD DRAWING

STORM SEWER PROFILE

LEGEND

Existing Grade	New Grade	Granular Backfill

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

DATE:
 THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION, AND ARE NOT TO BE USED OR REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.
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 Land Surveying
 Landscape Architecture
 Transportation Engineering

Village of WestClay
SECTION 10004-A
 CARMEL, INDIANA
BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

HAMILTON COUNTY INDIANA

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Entry Date: 1-11-05

Entered by: *Suzanne C. Mills*

DATE: 12/23/02 PROJECT NO: 1238.1004
 DRAWN BY: DCC CHECKED BY:
 SHEET TITLE: STORM SEWER PLAN & PROFILE
 DRAWING FILES:
 N:\1238\1004\DWG\0501-C604.DWG
 XREF: 1004-ABS.DWG
 XREF: 1004-BBS.DWG
 XREF: 1002-BS.DWG, 1003-BS.DWG
 XREF: 1001BS.DWG
 XREF: STORM.DWG
 SHEET NO: **C603**

N:\1238\1004\dwg\C601-604.dwg, 12/08/2003 04:13:02 PM, bet

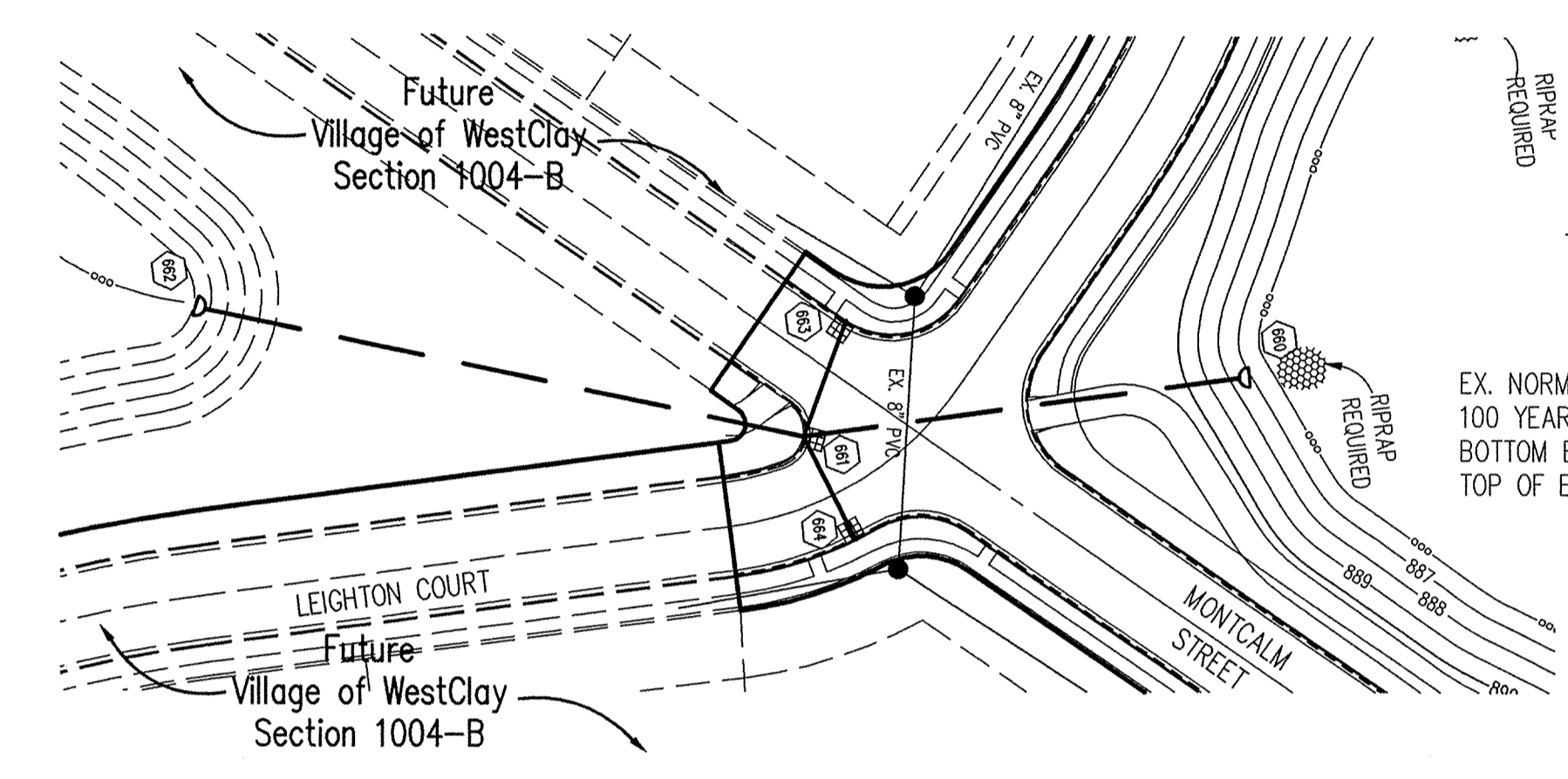
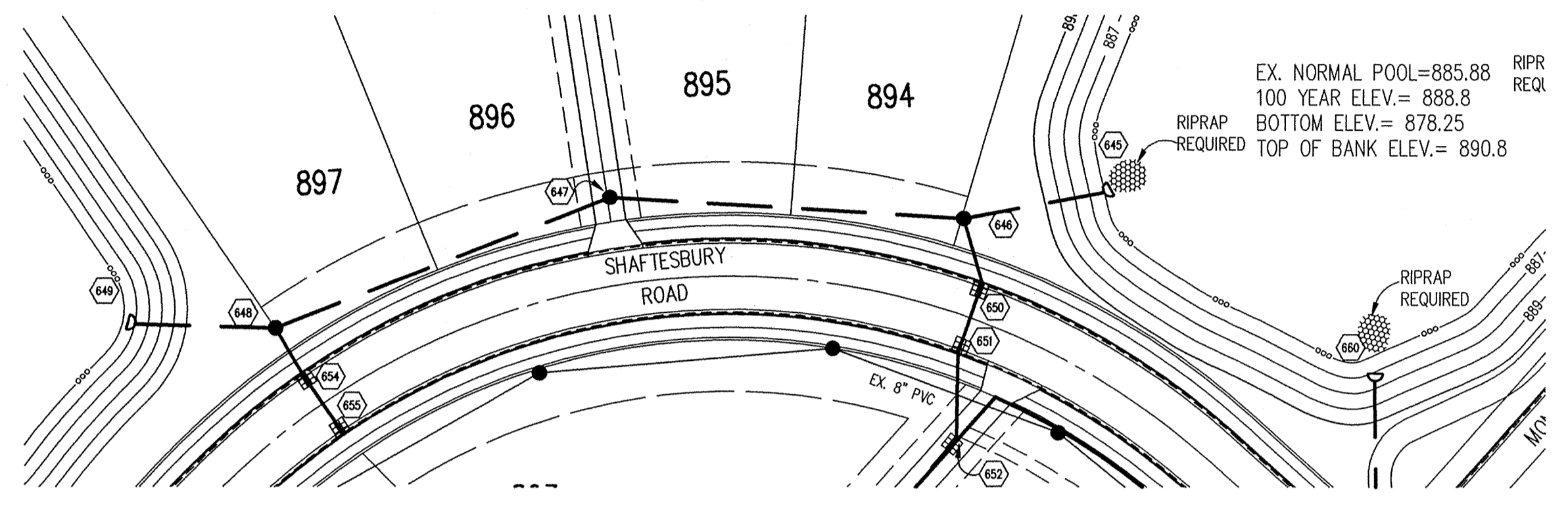
HOLEY MOLEY SAYS
"DON'T DIG BLIND"

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

GENERAL NOTES

- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
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- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

Sheet	Date	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 Four Paved Area (In Alley)

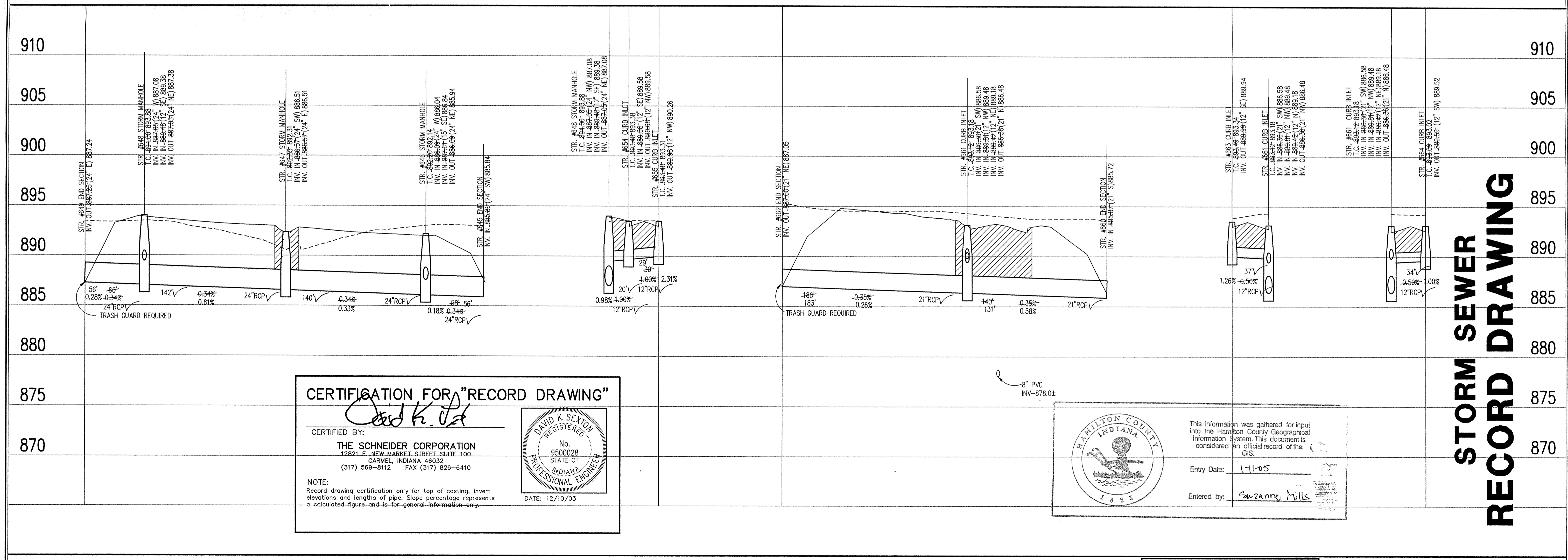


BENCHMARK

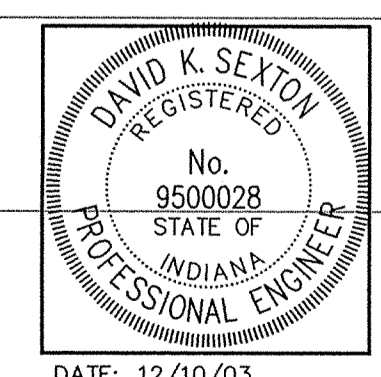
TBM #44
 USGS BENCHMARK
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE
 FARM ENTRANCE.
 ELEVATION = 893.39

STORM SEWER PLAN

SCALE: 1"=50'



CERTIFICATION FOR "RECORD DRAWING"
 CERTIFIED BY: *David K. Sexton*
THE SCHNEIDER CORPORATION
 12821 E. NEW MARKET STREET SUITE 100
 CARMEL, INDIANA 46032
 (317) 569-8112 FAX (317) 826-6410
 NOTE:
 Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a-calculated-figure-and-is-for-general-information-only.
 DATE: 12/10/03



Hamilton County Indiana
 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 1-1-05
 Entered by: Suzanne Mills

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

STORM SEWER PROFILE

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office, One Hamilton Co. Square, Ste. 188, Noblesville, IN 46060

REVISIONS:
 1. DEC. 02/10/03, REVISED PER EARTHWORK.
 2. DEC. 04/10/03, RELOCATED STRUCTURES 646, 647 & 648.
 3. E. DEL. 12/10/03, RECORD DRAWING.

DATE:
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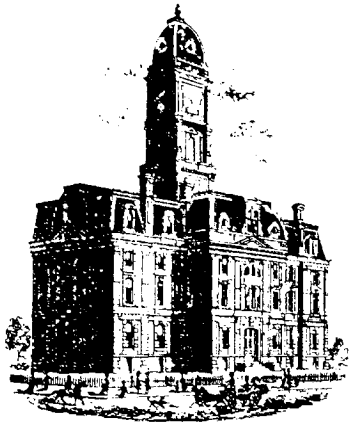
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Village of WestClay
 SECTION 10004-A
 CARMEL, INDIANA
 BRENNICK DEVELOPMENT CO.
 CARMEL, INDIANA

DATE: 12/23/02	PROJECT NO.:
DRAWN BY: DCC	CHECKED BY:
SHEET TITLE: STORM SEWER PLAN & PROFILE	
DRAWING FILES: N:\1238\1004\DWG\C801-C804.DWG XREF: 1004-BSDWG XREF: 1004-BSDWG XREF: 1002-BSDWG, 1003-BSDWG XREF: 1001BS.DWG XREF: STORM.DWG	

SHEET NO.:
C604



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

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

Map Correction-Field Verification

Drain Number: 312

Drain Length: 4136

Drain Name: Village of West Clay: 10004A

Change +/- : -84

Date: 10-09-2009

New Length: 4052

Verified By: GRH, LMC, SLM

Notes & Sketch:

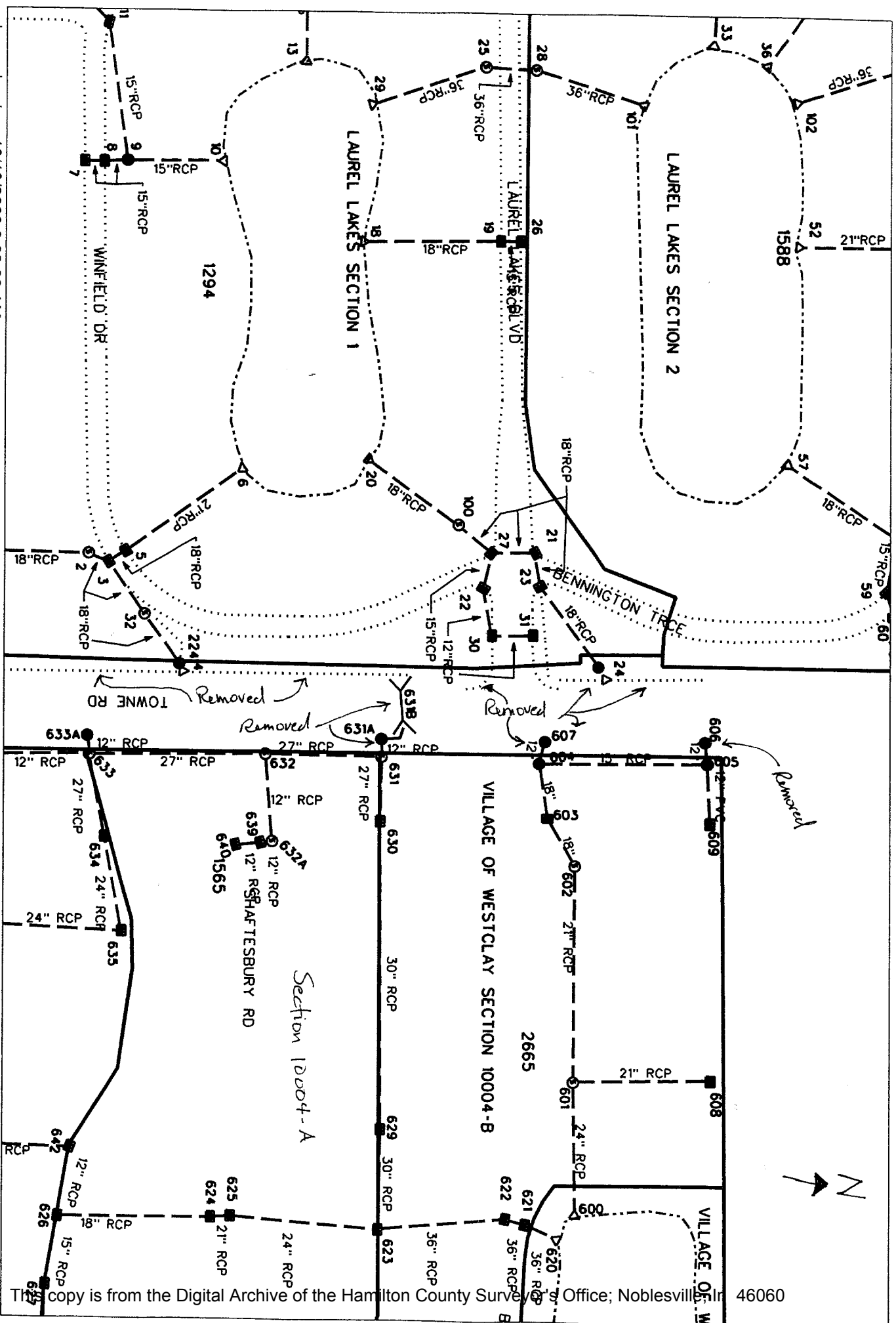
The changes listed are those done with the Towne Rd Improvements by the City of Carmel in 2007. These changes were verified by Luther Cline and Greg Hoyes of our office.

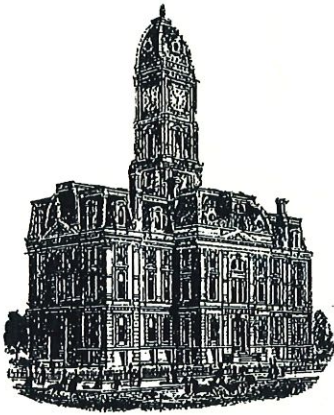
Removed structure 631B – 18 feet of 12” CMP under Towne Rd.

Removed pipe between Str. 631A-631B and consisting of 40 feet of open ditch.

Removed pipe between Str. 631A-631B and consisting of 26 feet of 12” RCP.

Suzanne L. Mills
GIS Specialist





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

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

Map Correction-Field Verification

Drain Number: #312

Drain Length: 4186

Drain Name: Village of West Clay Sec. 10004A

Change + / - : -84

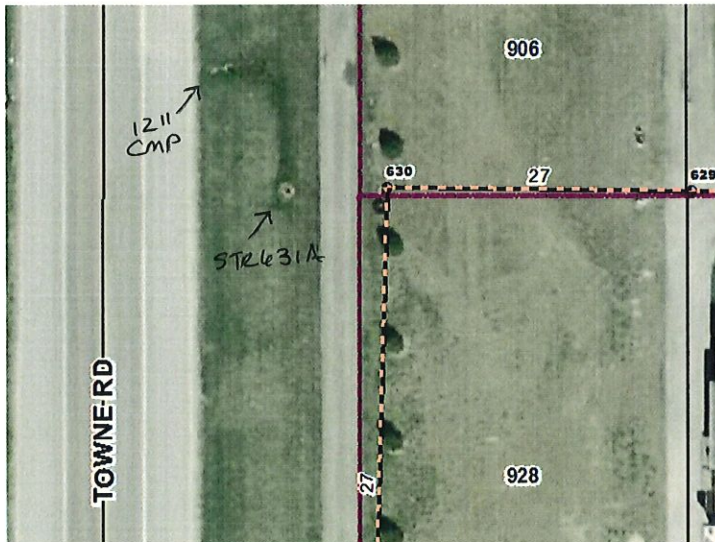
Date: 2008

New Length: 4102

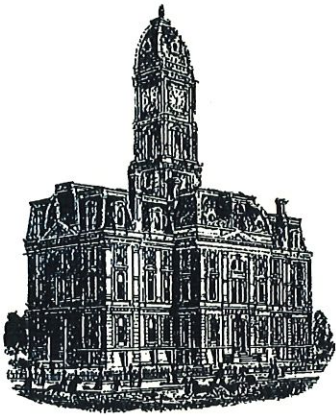
Verified By: SLM

Notes & Sketch:

Towne Road Improvements removed (Str. 631A – 631) 26' -12" RCP, 18' - 12" CMP, and 40' of Open Ditch.



Suzanne L. Mills
Suzanne L. Mills
GIS Specialist
11-23-2016



SURVEYOR'S OFFICE Hamilton County

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Map Correction-Field Verification

Drain Number: #312.

Drain Length: 4136

Drain Name: Village of West Clay Sec. 10004A

Change + / - : 50

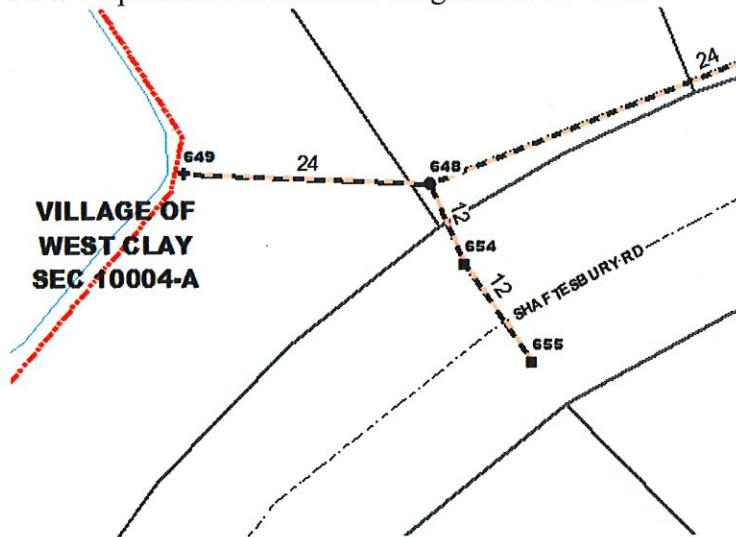
Date: 2005

New Length: 4186

Verified By: SLM

Notes & Sketch:

Final Report missed the following run of 12" RCP.



Suzanne L. Mills

**Suzanne L. Mills
 GIS Specialist**

11-23-2016