

Drain: VILLAGE OF WESTCLAY DRAIN **Drain #:** 312
Improvement/Arm: SECTION 10009
Operator: DMW/JON **Date:** 6-29-04
Drain Classification: Urban/Rural **Year Installed:** 1999

GIS Drain Input Checklist

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

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

Drain-Improvement: VILLAGE OF WEST CLAY DRAIN - SE CTWN 10009

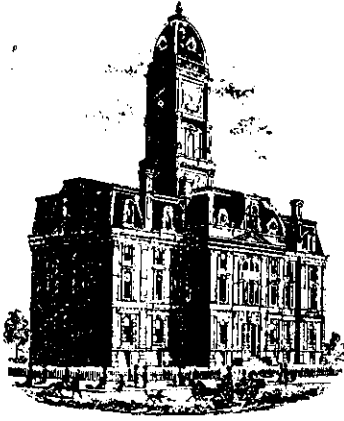
Drain Type:	Size:	Length <i>SURVYOR'S REPORT</i>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	540'	580'	+40'		
	15"	156'	156'	∅		
	18"	1,137'	1,137'	∅		
	21"	464'	464'	∅		
	24"	89'	89'	∅		
	27"	95'	95'	∅		
	36"	199'	199'	∅		
	42"	345'	345'	∅		
	48"	671'	671'	∅		

Sum: 3696' 3736' +40

Final Report: _____

Comments:

SR AND AB DISAGREE ON 12" RCP LENGTHS



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

June 4, 1999

RE: Village of WestClay Drain, Section 10009 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 10009 Arm, Village of WestClay Drain. 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" SSD	493 ft	21" RCP	470 ft	36" RCP	199 ft
15" RCP	158 ft	24" RCP	93 ft	42" RCP	344 ft
18" RCP	1,262 ft	27" RCP	94 ft	48" RCP	678 ft

The total length of the drain will be 3,791 feet.

The retention ponds (lakes) located in Block E (MillPond) 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 Commissioner's Minute Book pages 565-566)


I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$5.00 per acre, \$5.00 per acre for roadways, with a \$120.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$1,620.70.

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 Elliot 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 for Village of WestClay, Section 10009 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 26, 1999.



Kenton C. Ward
Hamilton County Surveyor

KCW/kkw

APPLICATION AND AGREEMENT FOR IRREVOCABLE
STANDBY LETTER OF CREDIT

Date May 18, 1999

SPL _____



Operations Division
and Savings Bank

Monroe Street
Illinois 60690

men:

request you to open and transmit by cable/airmail your Irrevocable Letter of Credit in favor of:

Board of Hamilton County Commissioners
1 Hamilton Square
Noblesville, Indiana 46060

WestClay-Section 10009	
Storm sewers	\$ 159,400.00
Subsurface drains	24,400.00
Erosion Control	39,600.00
	<u>\$ 223,400.00</u>

available by their drafts, drawn at sight on: Harris Trust and Savings Bank, or
not exceeding a total of: \$ 223,400.00
accompanied by the following document(s):

The letter of credit shall have attached thereto a completed "Addendum 1" in the form
attached hereto.

Drafts drawn under this Letter of Credit must be drawn and presented together with accompanying documentation at your principal
office in Chicago, Illinois not later than:

In consideration of your issuing at our request your Irrevocable Letter of Credit (hereinafter called "Credit") on the terms mentioned
above:

1. We hereby agree to pay you in immediately available and freely transferable funds the amount of each draft or acceptance
drawn under, or purporting to be drawn under, the Credit, such payment to be made at the maturity of each respective draft
or acceptance or, if so demanded by you, on demand in advance of any drawing or maturity.
2. Payment shall be made by us at your office in Chicago, Illinois in lawful money of the United States, provided that, if a draft
or other request for payment under the Credit is drawn in a currency other than United States currency, we shall pay the
equivalent in United States currency, at the rate of exchange then current in Chicago for cable transfers to the place of
payment in the currency in which drawing was made, as determined by you and notified to us, or, if you so request of us at
your option, we shall pay you the amount of such drawing in the currency in which the drawing was made in a place, form and
manner acceptable to you.
3. We also agree to pay you, on demand, a commission at the rate of:
of the Credit or such other rate as you and we may agree, and all charges and expenses legal and/or otherwise (including
court costs and attorneys' fees), paid or incurred by you in connection therewith or in your endeavoring to collect any liability
of us or any one or more of us hereunder, including all costs and expenses arising out of any reserve requirements for, or any
assessment of deposit insurance premiums on, the Credit and including all expenses, legal or otherwise (including without
limitation court costs and attorneys' fees and expenses) paid or incurred by you or any of your correspondents in connection
with endeavoring to collect any liability of ours hereunder or in connection with any other legal proceeding brought or
threatened in connection with the Credit, including any attempt by us or anyone to enjoin payment under the Credit. In
addition, if you shall determine that any existing or future law, rule or regulation regarding capital adequacy, or any change
therein, or any change in the interpretation or administration thereof by any governmental authority, central bank or compara-
ble agency charged with the interpretation or administration thereof, or compliance by you (or any of your branches) with any
request or directive regarding capital adequacy (whether or not having the force of law) of any such authority, central bank or
comparable agency, has or would have the effect of requiring you to maintain capital to support your obligations hereunder or
under the Credit, then from time to time, within 15 days after demand by you, we shall pay to you such additional amount or
amounts reasonably determined by you as will compensate you for such requirement.
4. Any amounts not paid when due hereunder shall bear interest (computed on the basis of a 360 day year and actual days
elapsed) from the due date thereof until paid in full at a rate per annum determined by adding 2 1/2% to the rate from time to
time announced by you as your prime commercial rate, with any change in such interest rate resulting from a change in such
prime commercial rate to be and become effective as of and on the day of the relevant change in such prime commercial rate,
payable on demand. You are hereby authorized to charge any depository or other account of ours or any of us maintained
with you for the full amount of any drawing paid by you under the Credit and for payment of any other amount payable by us
hereunder not paid to you on demand. If by charging such account you create an overdraft in one of our accounts, we shall
pay interest to you on such overdrawn amount at the rate specified in our agreement with you establishing such account or, if
no such rate is specified, at the rate of interest provided for in the first sentence of this paragraph.

FINDINGS AND ORDER

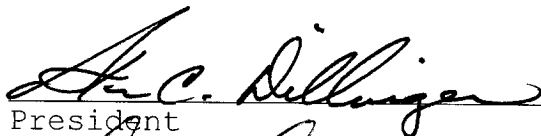
CONCERNING THE PARTIAL VACATION OF THE

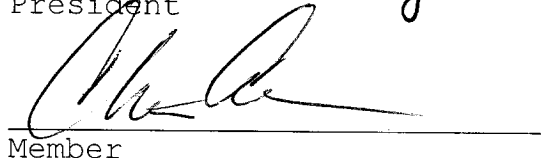
**Village of West Clay Drain, Section 10009
Structures A705, A704, A703 and A702
(this includes the sections of pipe between structures)**

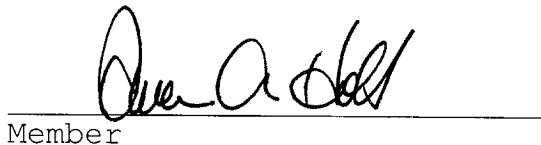
On this *27th day of November, 2006*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Village of West Clay Drain, Section 10009; Structures A705, A704, A703 and A702 including sections of pipe between structures.**

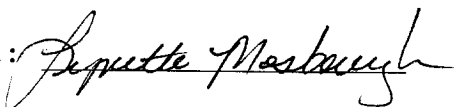
Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **Booth Snead Drain.**

HAMILTON COUNTY DRAINAGE BOARD


President


Member


Member

Attest: 

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR
RE: Village of WestClay - Section 10009

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: March 30, 2000

Type or print name: Keith Lash, P.E.

Business /Address: The Schneider Corporation

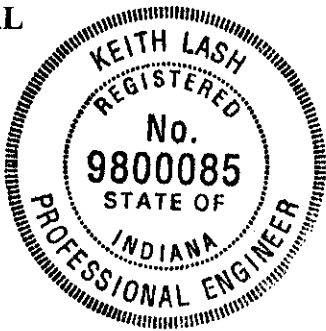
12726 Hamilton Crossing Blvd., Carmel, IN 46032

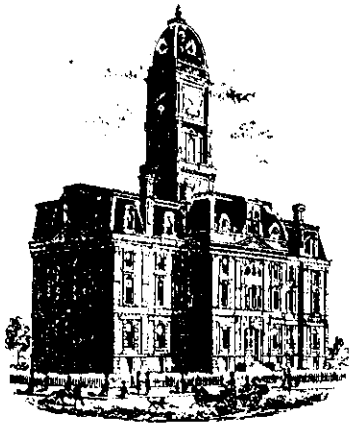
Telephone: (317) 574-3797

INDIANA REGISTRATION NUMBER

PE 9800085

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

February 20, 2002

Re: Village of West Clay - Sec 10009 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay Section 10009. 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 10, 1999. The report was approved by the board at the hearing held July 26, 1999 (See Drainage Board Minute Book 5, Pages 193-194). The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
A649	893.06	887.29				
A643	894.1	886.9	27	95	94	1
A643	894.1	886.9				
A642	892.2	886.38	42	129		
A642	892.2	886.38				
A656	893.88	885.95	42	115	116	-1
A656	893.88	885.95				
A641	895.08	885.63	42	101	100	1
A641	895.08	885.63				
A640	894.22	885.42	48	92	93	-1
A640	894.22	885.42				
A639	892.5	885.11	48	142	140	2
A639	892.5	885.11				
A638	892.22	884.77	48	113	114	-1
A638	892.22	884.67				
A637	890.58	884.23	48	175	173	2
A637	890.58	884.23				
A636		883.74	48	149	158	-9
A639	892.5	888.5				
A663	892.45	888.7	12	39		
A666	891.22	886.17				
A665	890.39	885.29	15	113	114	-1
A665	890.39	885.29				
A638	892.22	884.67	18	95		

A665	890.39	885.29				
A664	890.34	886.49	12	34	35	-1
A637	890.58	884.23				
A668	890.42	884.38	21	32		
A668	890.42	884.38				
A669	891.7	884.75	18	121		
A669	891.7	884.79				
A670	892.45	885.23	18	142	141	1
A670	892.45	885.23				
A671		886.14	18	224	225	-1
A669	891.7					
A672	891.21	887.21	12	10	9	1
A645	894.36	887.56				
A655	892.45	887.4	36	37	36	1
A655	892.45	887.4				
A644	892.41	887.29	36	30	31	-1
A644	892.41	887.29				
A643	894.1	886.85	36	132		
A660	890.52	887.17				
A659	890.63	886.96	12	43	44	-1
A659	890.63	886.96				
A658	890.44	886.84	15	43	44	-1
A661	890.51	887.06				
A658	890.44	886.84	12	38	37	1
A658	890.44	886.84				
A657	892.51	886.41	18	129	128	1
A657	892.51	886.41				
A656	893.75	885.95	18	86	85	1
A710	892.98	886.43				
A709	892.63	885.88	18	79		
A709	892.63	885.88				
A708	890.91	885.51	21	106	105	1
A708	890.91	885.51				
A707	890.92	885.27	21	31	32	-1
A707	890.92	885.27				
A706		884.91	24	89	93	-4
A713	892	885.67				
A712		885	12	65		
A705		884.96				
A704	889.98	884.49	12	261	267	-6
A704	889.98	884.49				
A703	890.2	884.4	12	50		
A703	890.2	884.4				
A702		883.92	18	261	262	-1
A602		883.79				
A601	889.8	880.7	21	108	113	-5
A601	889.8	880.7				
A600		875.48	21	187	188	-1

RCP Pipe Totals:

12	540
15	156
18	1137
21	464
24	89
27	95
36	199
42	345
48	671

Total: 3696

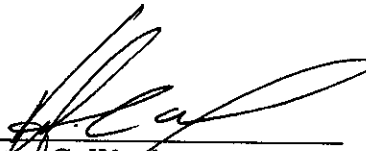
The length of the drain due to the changes described above is now **3,696 feet**.

The non-enforcement for Sec 10009 was approved by the Board at its meeting on July 26, 1999 and recorded under instrument #200000004032.

The bond or letter of credit from Harris Bank, number SPL36985; in the amount of \$223,400; was released May 22, 2000.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

FOR CONTINUATION SEE SHEET C102



















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 REGIONAL WASTE DISTRICT APPLY FOR ALL STORM SEWERS.
- STANDARD SPECIFICATIONS FOR CLAY TOWNSHIP REGIONAL WASTE DISTRICT 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.
- 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS ARE 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).
- ANY UTILITY POLES WHICH LIE WITHIN THE EXTENDED PAVEMENT OR SHOULDERS MUST BE RELOCATED PRIOR TO THE CONSTRUCTION OF THE BROAD STREET ENTRANCE.

HOLEY MOLEY SAYS
"DON'T DIG BLIND"

1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA
PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTICING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

LEGEND

-  Existing Storm Sewer
-  New Storm Sewer
-  Existing Sanitary Sewer
-  New Sanitary Sewer
-  Existing Contour
-  Existing Elevation w/ description
-  New Pavement Grade
-  All Other Finish Grades
-  Storm Structure Number
-  Sanitary Structure Number
-  Flow Arrow
-  Denotes Elevation and Approximate Pad Size
-  6" Subsurface Drain
-  Swale (S)
-  2' Chairback Curb
-  2' Chairback Curb w/o Gutter
-  2' Valley Gutter
-  Pond Overflow Route

- Revisions
- 02/23/99, MG, REVISED PER TAC COMMENTS.
 - 03/29/99, BET, REVISED PER TAC COMMENTS.
 - 04/19/99, MG, FINAL O.C. REVISIONS.
 - 05/11/99, BET, REVISED STR. A636 PER COUNTY SURVEYOR.
 - 07/19/99, BET, REVISED R/W WIDTH OF BROUGHTON & CECIL ST. & HORSEFERRY RD. & THE NORTH BOUNDARY LINE.
 - 09/01/99, DCC, REVISED STORM SYSTEM THROUGH STR. A637, A638, A634, A665
 - 03/27/00, MG, "RECORD DRAWING"

CERTIFICATION FOR "RECORD DRAWING" SUB-SURFACE DRAIN LOCATIONS



DATE: _____
 CERTIFIED BY: *[Signature]*

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.

1998, The Schneider Corporation



12726 Hamilton Crossing Blvd. Engineering
 Carmel, Indiana Surveying
 46032 Landscape Architecture
 317-574-3797 GIS & LIS
 317-574-3799 Fax Geology

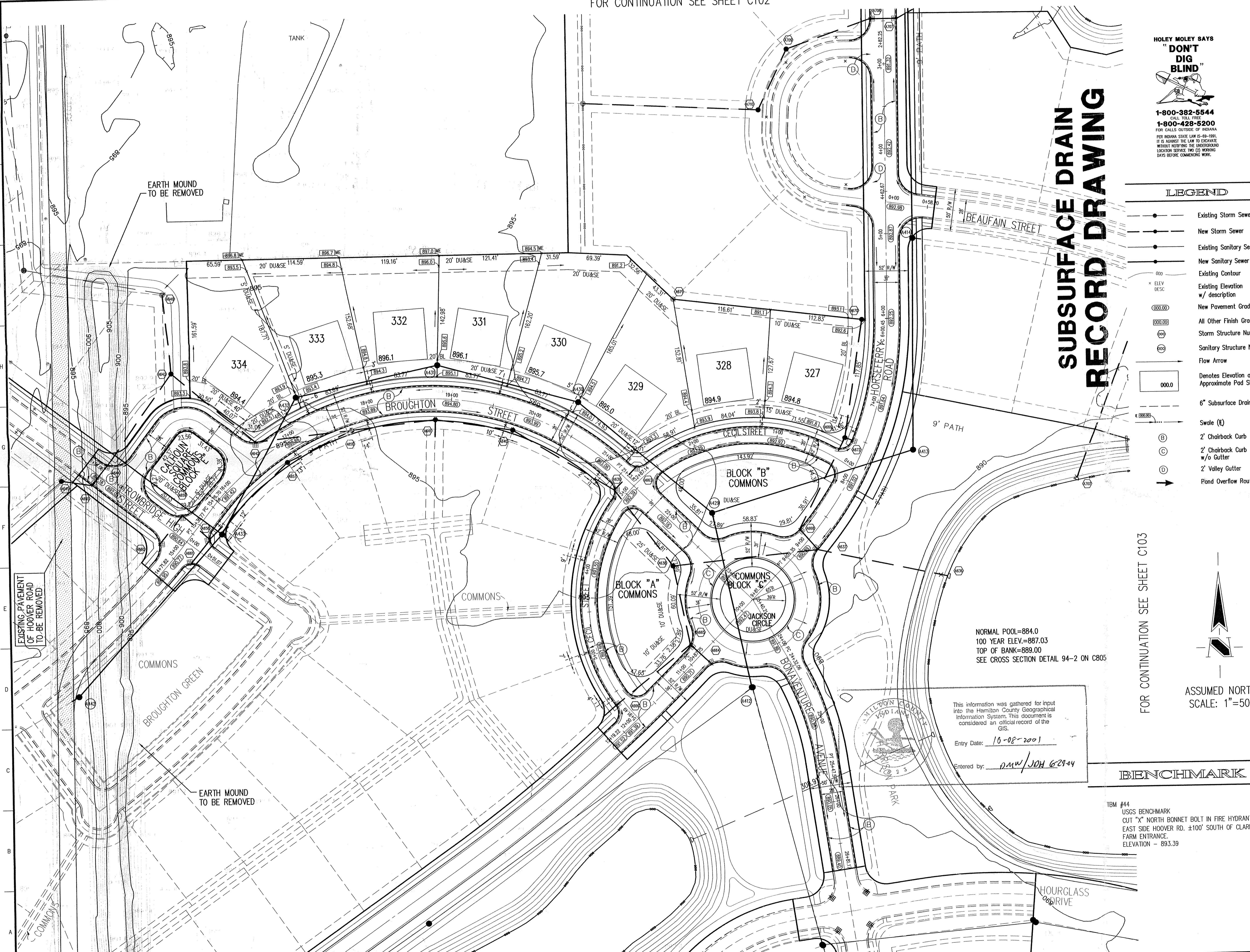
Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

BRENWICK DEVELOPMENT CO. **L&E/D**
 Village of WestClay
 Section 10009 APR 04 2000
OFFICE OF HAMILTON COUNTY SURVEYOR

DEVELOPMENT PLAN

Date 08/21/98	Project No. 1238.1009	Drawn BET, MG	Approv.
Computer Files J:\1238\1009\DWG\C101.DWG XREF: 10085.DWG, 10086.DWG XREF: 12085.DWG, 1500285.DWG XREF: 300485.DWG, MID-BS-E.DWG XREF: CA13.DWG, CA14.DWG		Sheet No. C101	

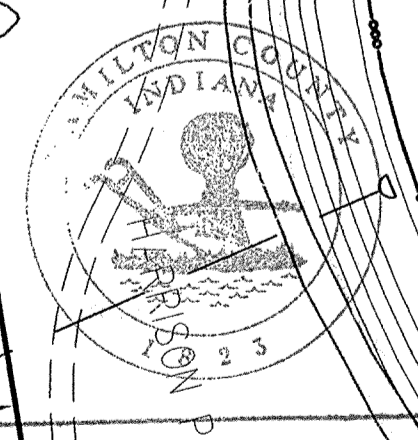
SUBSURFACE DRAIN RECORD DRAWING



FOR CONTINUATION SEE SHEET C103

NORMAL POOL=884.0
 100 YEAR ELEV.=887.03
 TOP OF BANK=889.00
 SEE CROSS SECTION DETAIL 94-2 ON C805

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: 10-08-2001
 Entered by: DMW/JDH G2904



BENCHMARK

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

398.1009.DWG\C101.DWG Mm Mgr. 27 17:42:02 2000

GENERAL NOTES

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- STANDARD SPECIFICATIONS FOR CLAY TOWNSHIP REGIONAL WASTE DISTRICT 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.
- 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS ARE 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). ANY UTILITY POLES WHICH LIE WITHIN THE EXTENDED PAVEMENT OR SHOULDERS MUST BE RELOCATED PRIOR TO THE CONSTRUCTION OF THE BROAD STREET ENTRANCE.

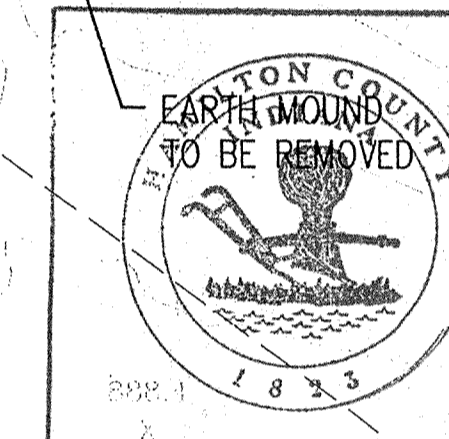
- Revisions
- 02/23/99, MG, REVISED PER TAC COMMENTS.
 - 04/29/99, BET, REVISED PER TAC COMMENTS.
 - 04/19/99, BET, FINAL Q.C. REVISIONS.
 - 05/11/99, BET, ADDED FLOOD OVERFLOW ROUTE PER COUNTY SURVEYOR.
 - 07/19/99, BET, REVISED R/W WIDTH OF BROUGHTON & CECIL ST. & HORSEFERRY RD.
 - 09/01/99, DCC, REVISED STORM SYSTEM THROUGH STR. A637, A638, A634, A665



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ASSUMED NORTH
 SCALE: 1"=50'

NOTE:
 EDGE OF EXISTING PAVEMENT TO BE SAW CUT PER INDOT SPECIFICATIONS ALONG ALL PORTIONS THAT WILL BE WIDENED.



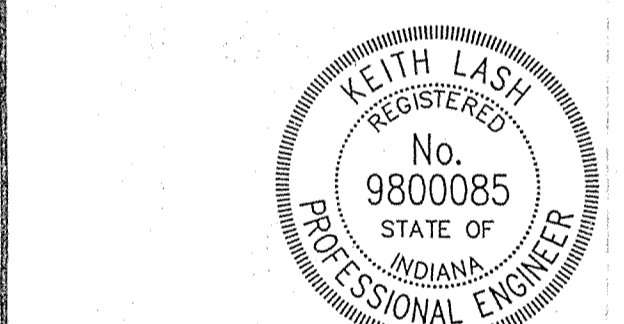
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 10-08-2001
 Entered by: DMW/JOH G 2944

LEGEND

	Existing Storm Sewer
	New Storm Sewer
	Existing Sanitary Sewer
	New Sanitary Sewer
	Existing Contour
	Existing Elevation w/ description
	New Pavement Grade
	All Other Finish Grades
	Storm Structure Number
	Sanitary Structure Number
	Flow Arrow
	Denotes Elevation and Approximate Pad Size
	6" Subsurface Drain
	Swale (R)
	2" Roll Curb
	2" Chairback Curb
	2" Chairback Curb w/o Outer
	Pond Overflow Route

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
 OCT 17 2001



CERTIFIED BY: *Keith Lash*
 11-16-98

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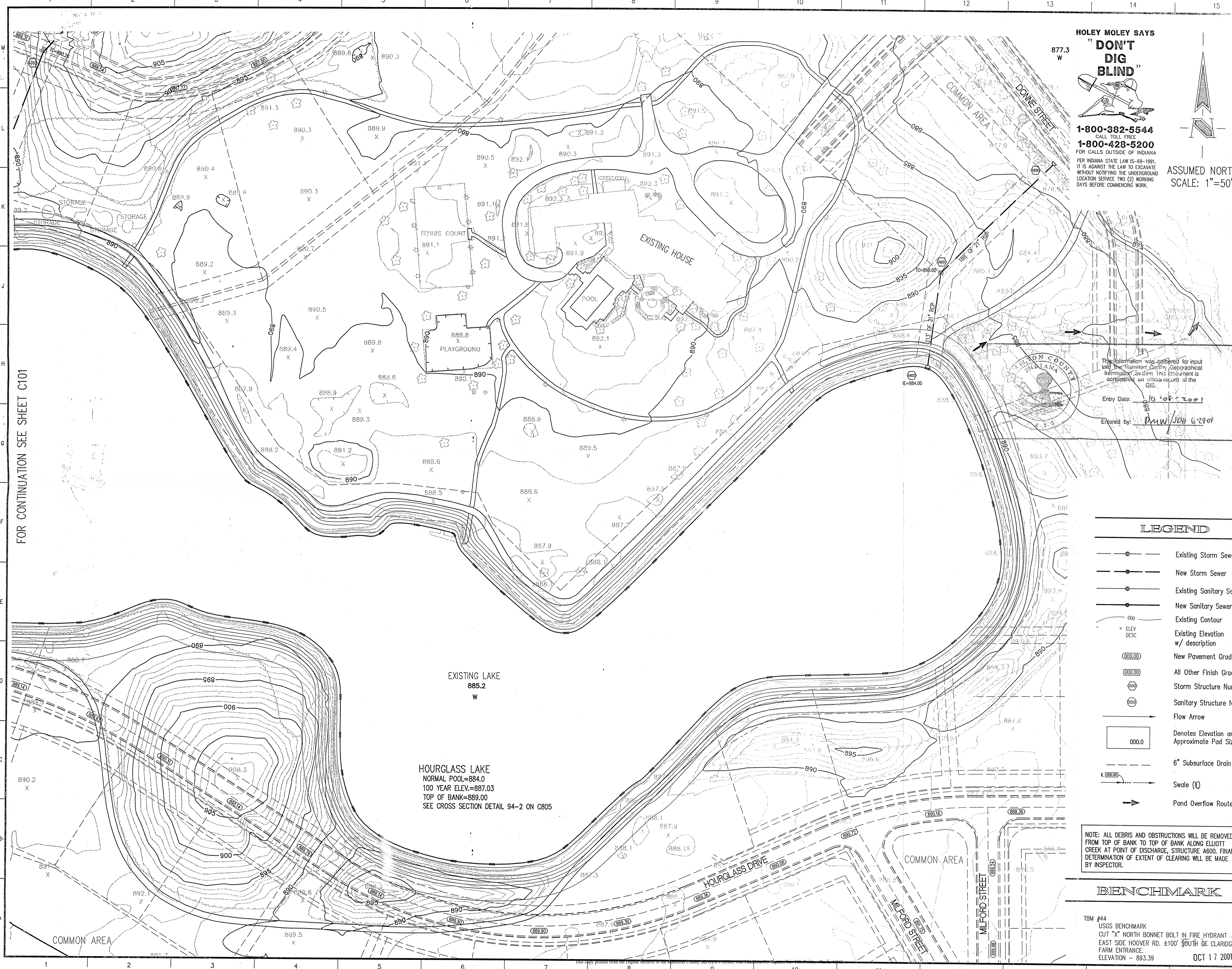
BRUNNEN DEVELOPMENT CO.
 Village of WestClay
 Section 10009

DEVELOPMENT PLAN

Date	Project No.	Drawn	Approv.
08/21/98	1238.1009	BET, MG	
Computer Files	Sheet No.		
4:\1238\1009\DWG\C102.DWG	C102		
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XREF: 100985.DWG			
XREF: 140-05-EDWG			
XREF: CA13.DWG, CA14.DWG			
XREF: CA16.DWG, CA17.DWG			



FOR CONTINUATION SEE SHEET C101



FOR CONTINUATION SEE SHEET C101

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ASSUMED NORTH
 SCALE: 1"=50'

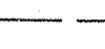
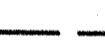











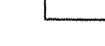

The information was gathered for input into the *Intergraph GeoGraphics Information System*. This information is considered an official record of the GIS.
 Entry Date: 10-01-2001
 Entered by: DMW/JDH 6-29-04

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.
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- Revisions
- 02/23/99, MG, REVISED PER TAC COMMENTS.
 - 03/29/99, BET, REVISED PER TAC COMMENTS.
 - 06/04/99, BET, REVISED POND OVERFLOW ROUTE PER SURVEYOR

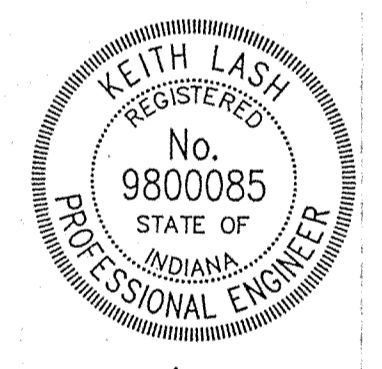
LEGEND

-  Existing Storm Sewer
-  New Storm Sewer
-  Existing Sanitary Sewer
-  New Sanitary Sewer
-  Existing Contour
-  Existing Elevation w/ description
-  New Pavement Grade
-  All Other Finish Grades
-  Storm Structure Number
-  Sanitary Structure Number
-  Flow Arrow
-  Denotes Elevation and Approximate Pad Size
-  6" Subsurface Drain
-  Swale (ft)
-  Pond Overflow Route

NOTE: ALL DEBRIS AND OBSTRUCTIONS WILL BE REMOVED FROM TOP OF BANK TO TOP OF BANK ALONG ELLIOTT CREEK AT POINT OF DISCHARGE, STRUCTURE A600. FINAL DETERMINATION OF EXTENT OF CLEARING WILL BE MADE BY INSPECTOR.

BENCHMARK

TBM #44
 USGS BENCHMARK
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT - EAST SIDE HOOPER RD. ±100' SOUTH OF CLARIDGE FARM ENTRANCE.
 ELEVATION - 893.39
 OCT 17 2001



CERTIFIED BY *Keith Lash*
 11-16-98
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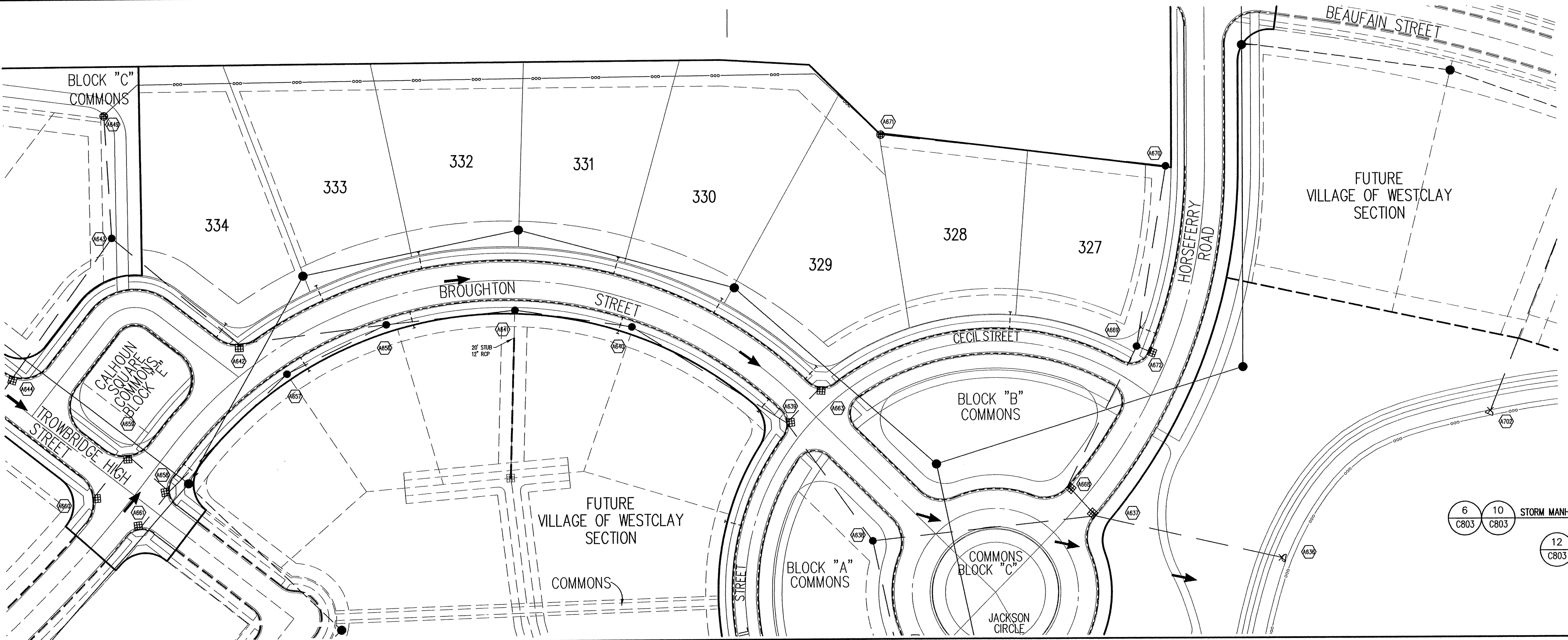
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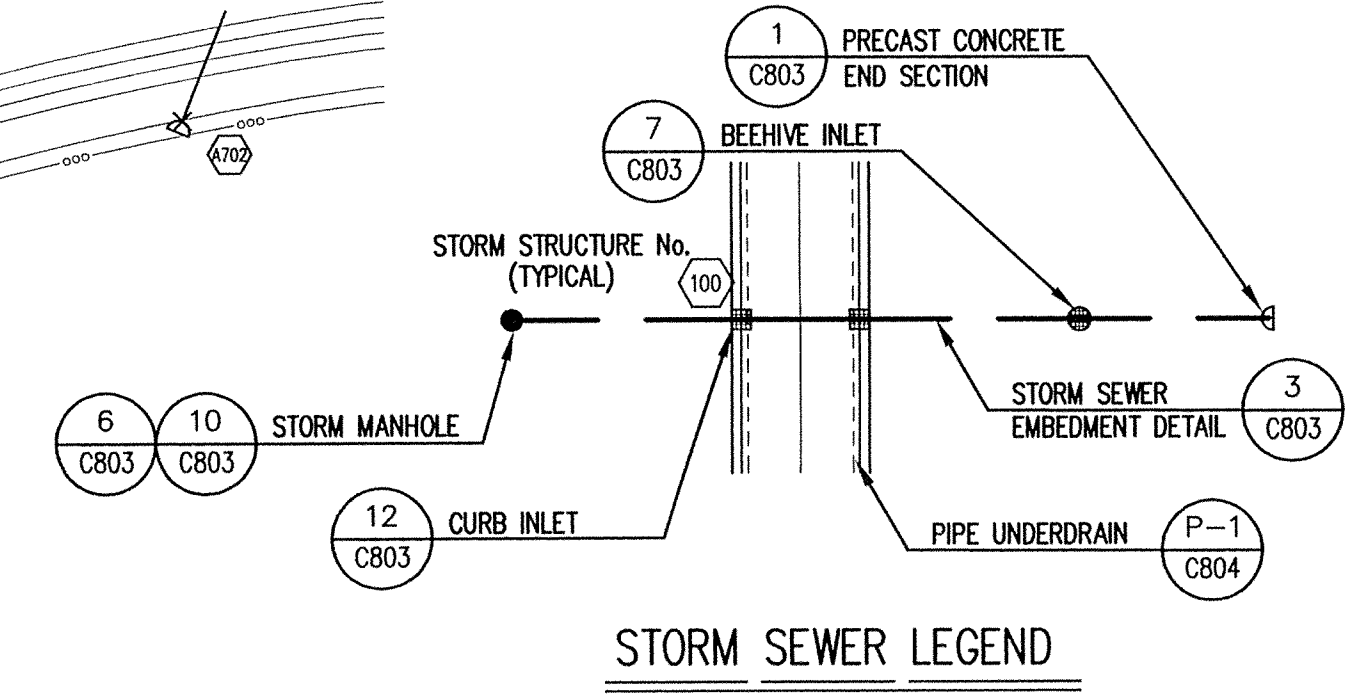
BRENNEW DEVELOPMENT CO.
 Village of WestClay
 Section 10009

DEVELOPMENT PLAN

Date	Project No.	Drawn	Apprv.
08/21/98	1238.1009	BET, MG	
Computer Files	Sheet No.		
J:\1238\1009\DWG\C103.DWG XREF: 120105.DWG, 100985.DWG XREF: MEI-55-E.DWG, 100985.DWG XREF: C410.DWG, C411.DWG XREF: C413.DWG, C414.DWG	C103		



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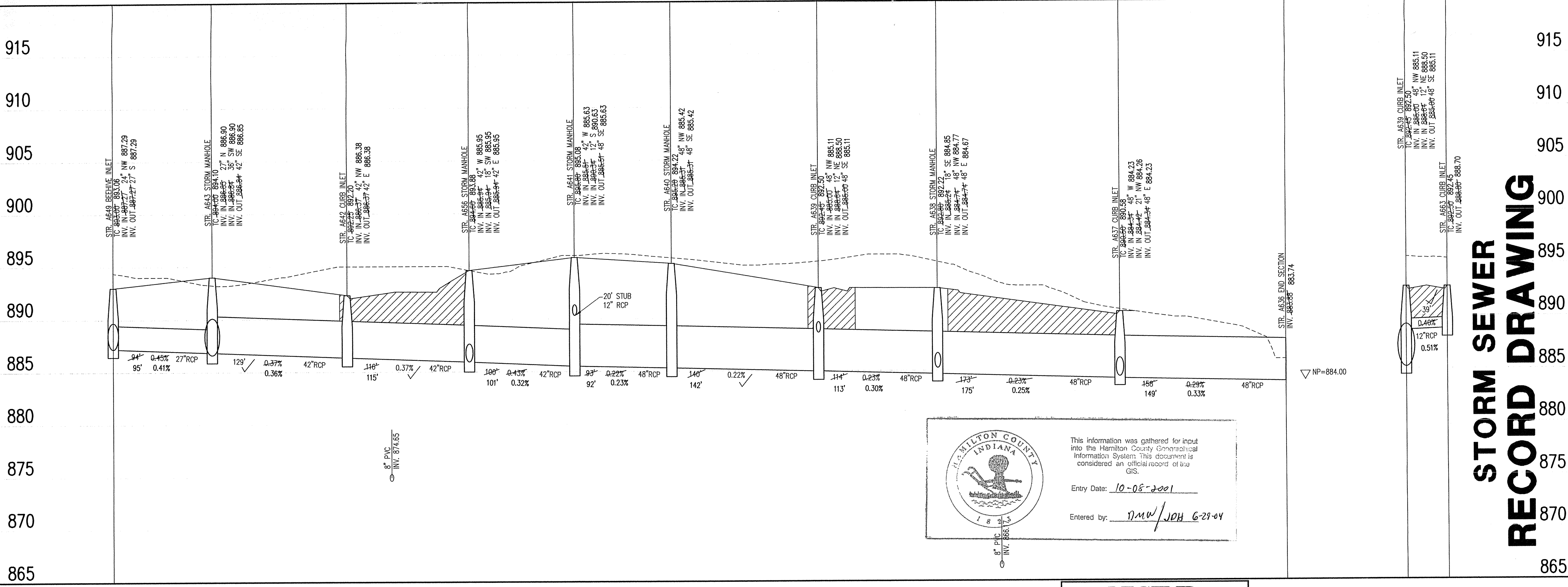
GENERAL NOTES

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- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

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'

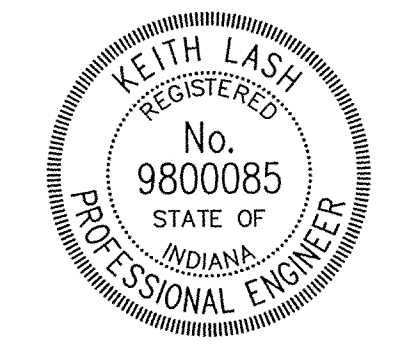


Revisions

- 02/23/99, MG, REVISED PER TAC COMMENTS.
- 03/29/99, BE, REVISED PER TAC COMMENTS.
- 04/19/99, MG, FINAL Q.C. REVISIONS.
- 05/11/99, BE, REVISED STR. A636 PER COUNTY SURVEYOR.
- 09/07/99, MG, REVISED STORM SYSTEM THROUGH STR. A637, A638, A664, A665.
- 03/27/00, MG, "RECORD DRAWING"

CERTIFICATION FOR "RECORD DRAWING"

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



CERTIFIED BY: *[Signature]* DATE: 4/15/00

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BRENNICK DEVELOPMENT CO.
 Village of WestClay
 Section 10009
 STORM SEWER PLAN
 OFFICE OF HAMILTON COUNTY SURVEYOR

Date	Project No.	Drawn	Approved
08/21/98	1238.1009	BET, MG	
Computer Files			Sheet No.
\\1238\1009\DWG\C601.DWG XREF: 100685.DWG XREF: 100985.DWG XREF: MD-B5-E.DWG XREF: STORM.DWG			C601

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: 10-08-2001

Entered by: DMW/JDH 6-29-04

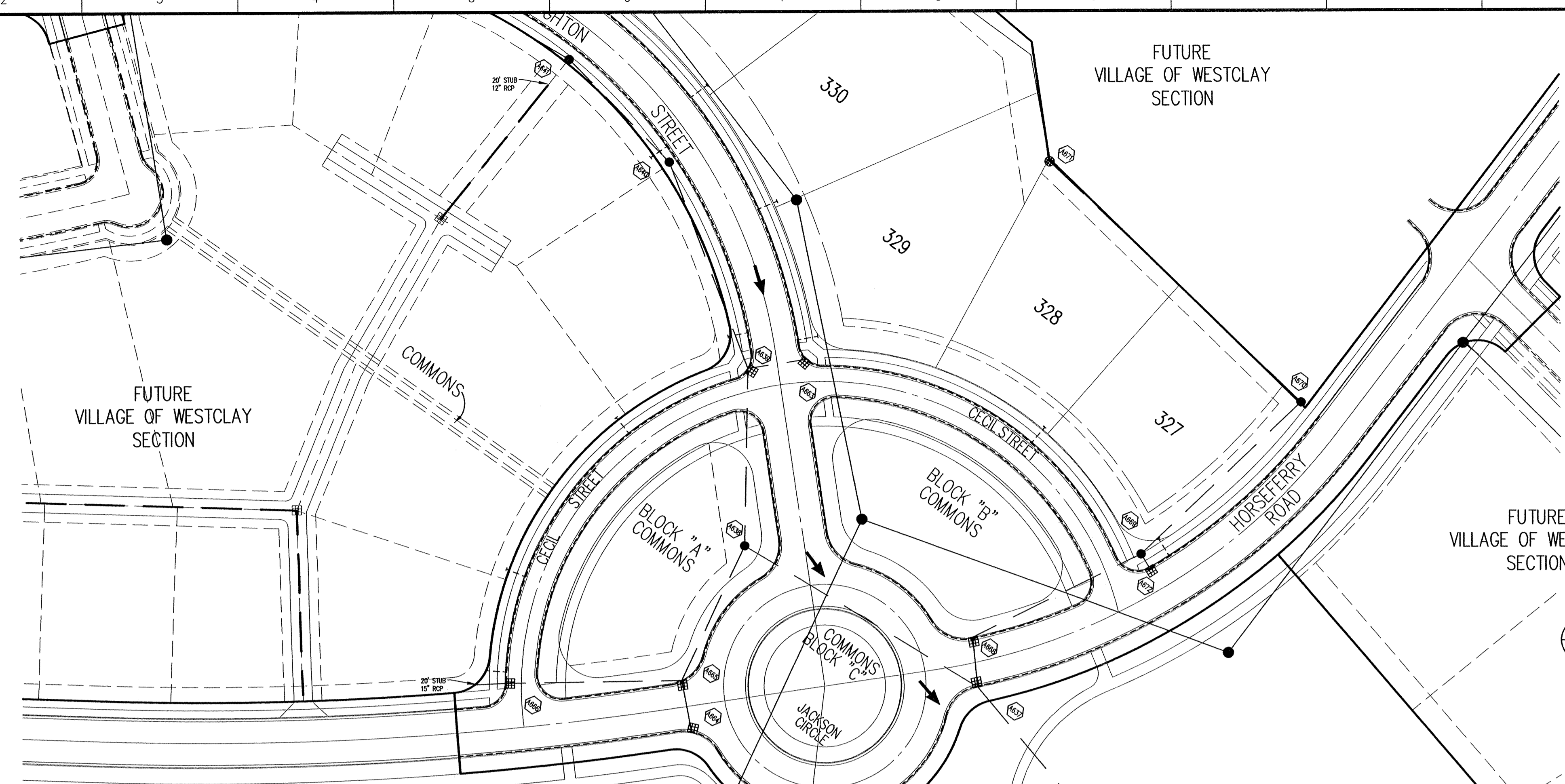
LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

STORM SEWER PROFILE

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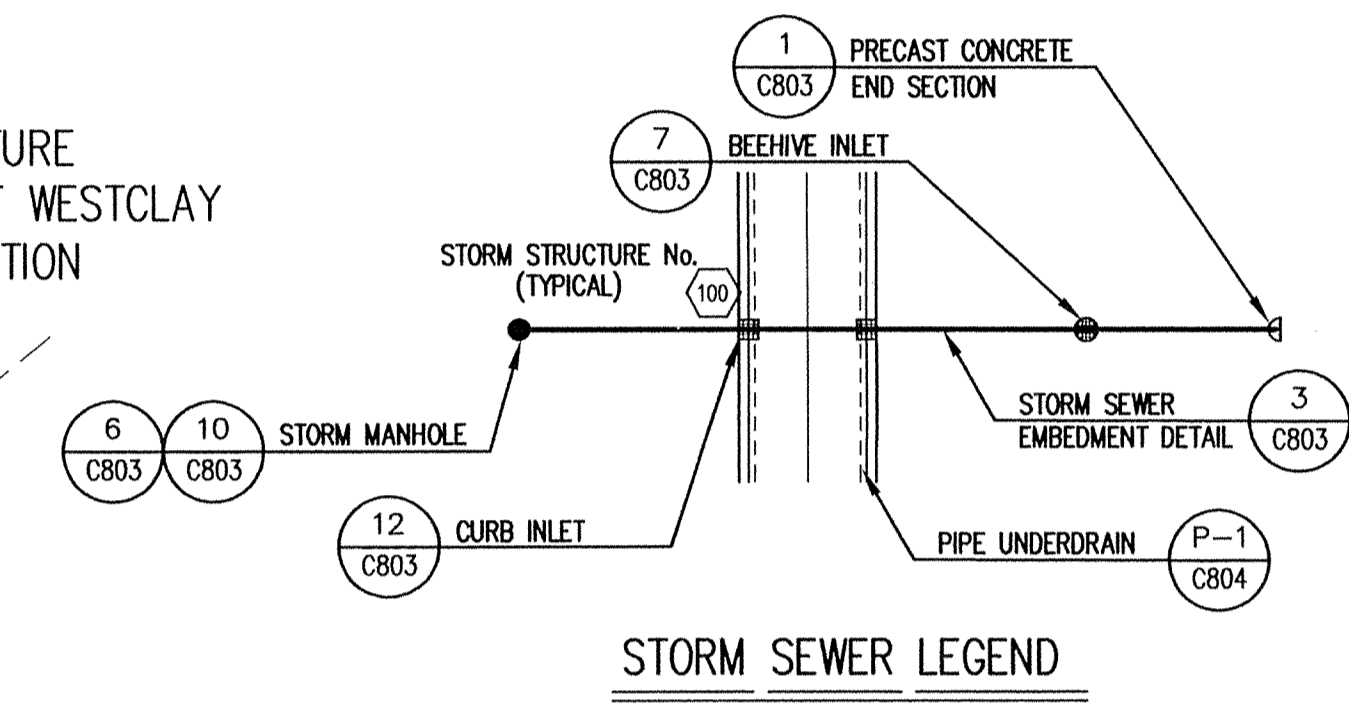
1-800-382-5544
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 PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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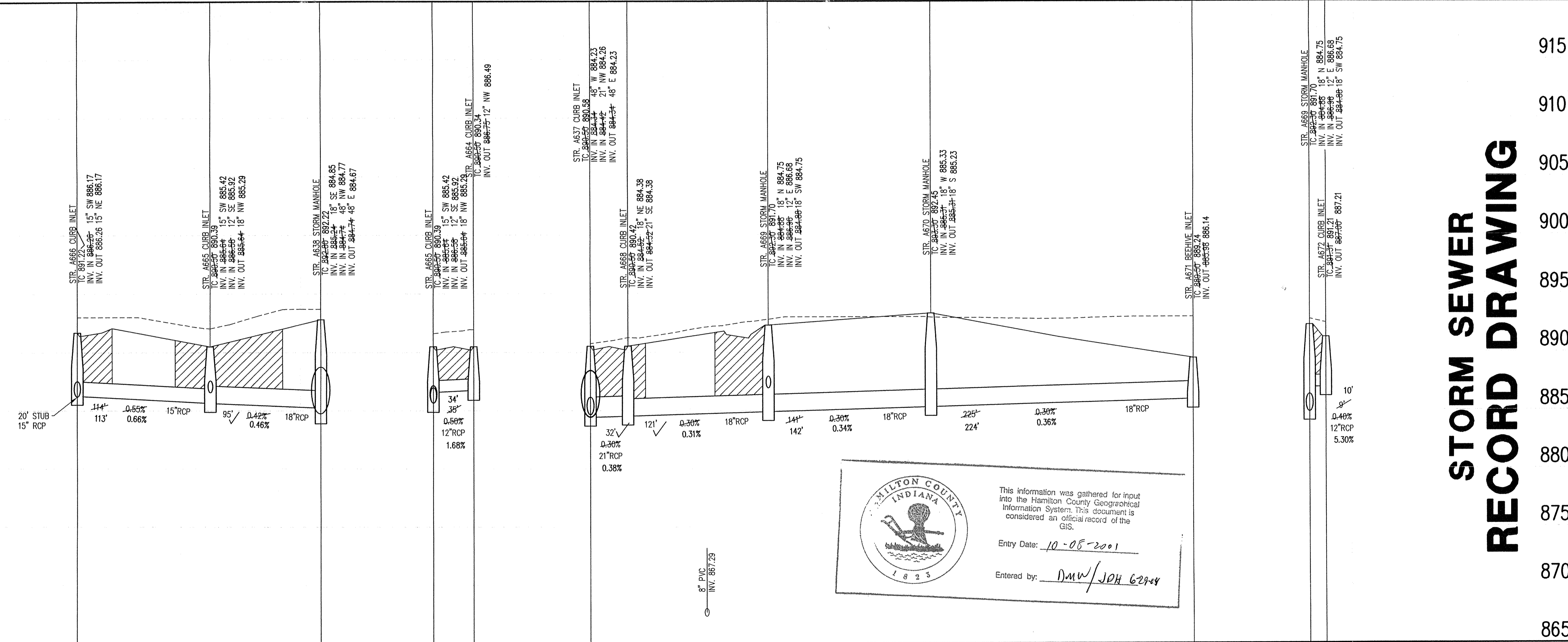
BENCHMARK

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



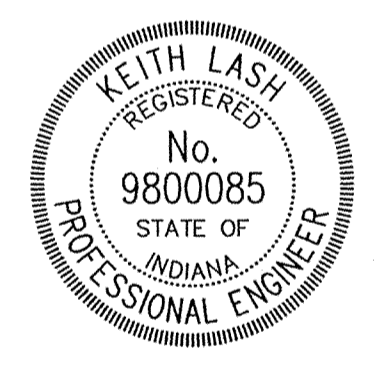
STORM SEWER PLAN

SCALE: 1"=50'



CERTIFICATION FOR "RECORD DRAWING"

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 Village of Westclay
 Section 10009 APR 04 2000

STORM SEWER PLAN

Date	Project No.	Drawn	Approv.
08/21/98	1238.1009	BET, MG	

Computer Files
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 XREF: 1000SS.DWG
 XREF: MD-BS-E.DWG
 XREF: STORM.DWG
 XREF: HARRISON.DWG

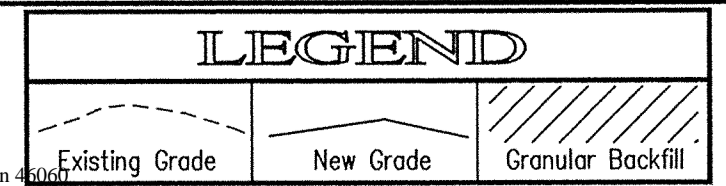
Sheet No.
C602

HAMILTON COUNTY INDIANA

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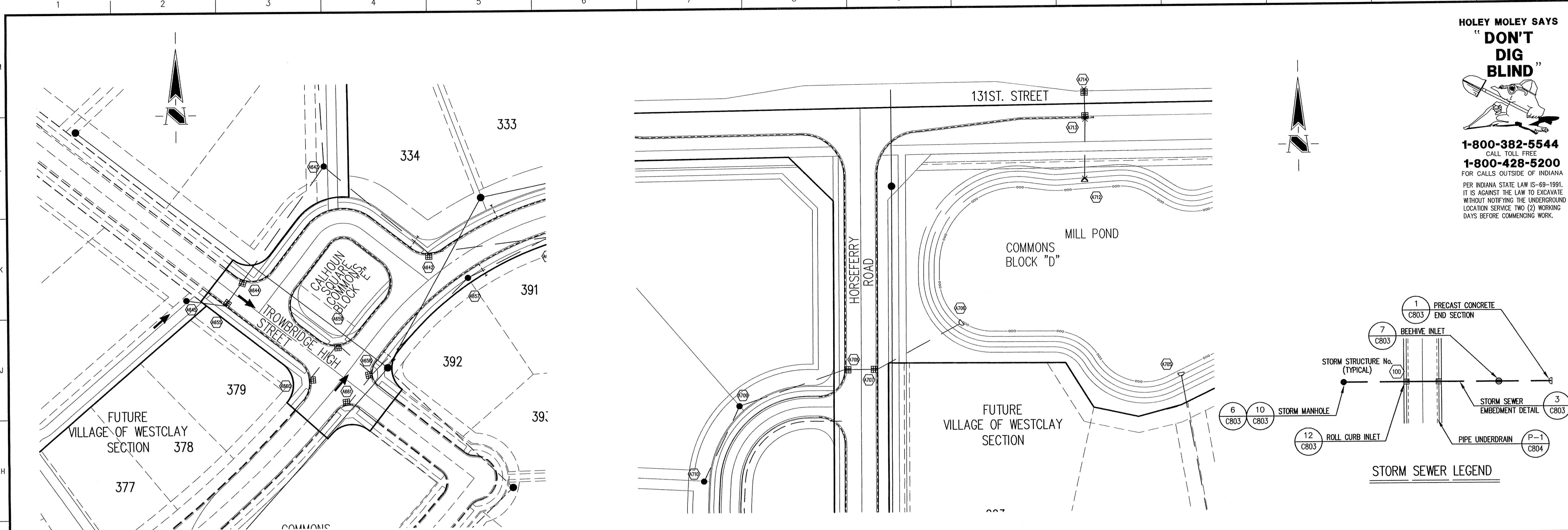
Entry Date: 10-05-2001

Entered by: DMW/JPH 6294



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

STORM SEWER PROFILE



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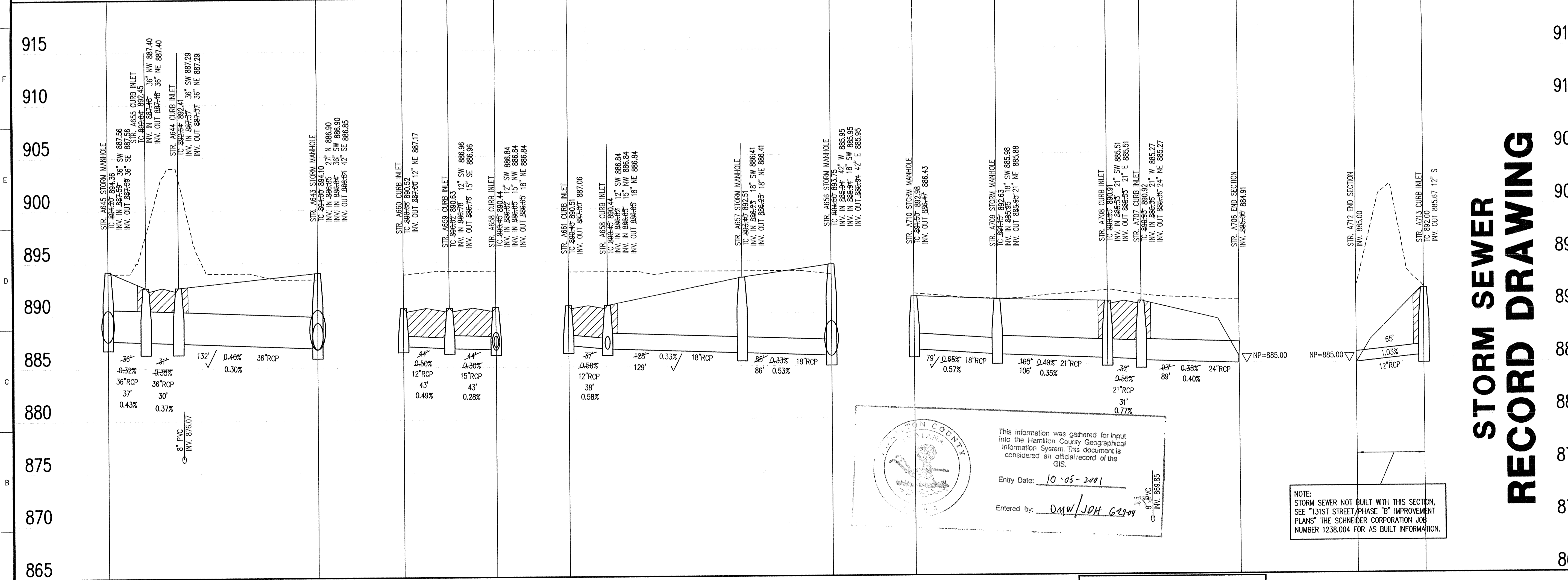
BENCHMARK

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

- Revisions
1. 02/23/99, MG, REVISED PER TAC COMMENTS.
 2. 03/29/99, BET, REVISED PER TAC COMMENTS.
 3. 04/19/99, BET, FINAL Q.C. REVISIONS
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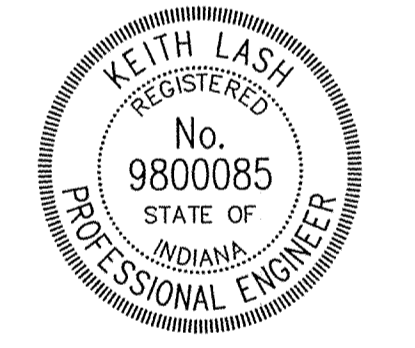
STORM SEWER PLAN

SCALE: 1"=50'



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DATE: 4/2/00
 CERTIFIED BY: [Signature]
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BRENNICK DEVELOPMENT CO.
 Village of WestClay
 Section 10000
STORM SEWER PLAN
 OFFICE OF HAMILTON COUNTY SURVEYOR

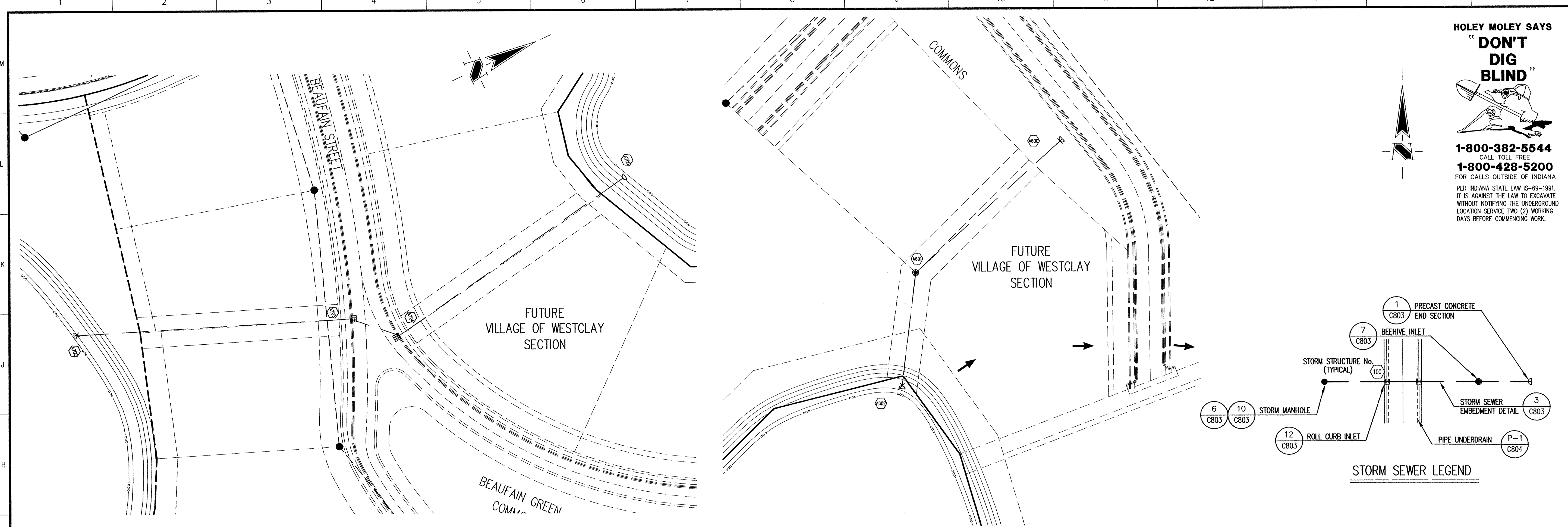
Date	Project No.	Drawn	Apprv.
08/21/98	1238.1009	BET, MG	
Computer Files	Sheet No.		
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STORM SEWER PROFILE

LEGEND

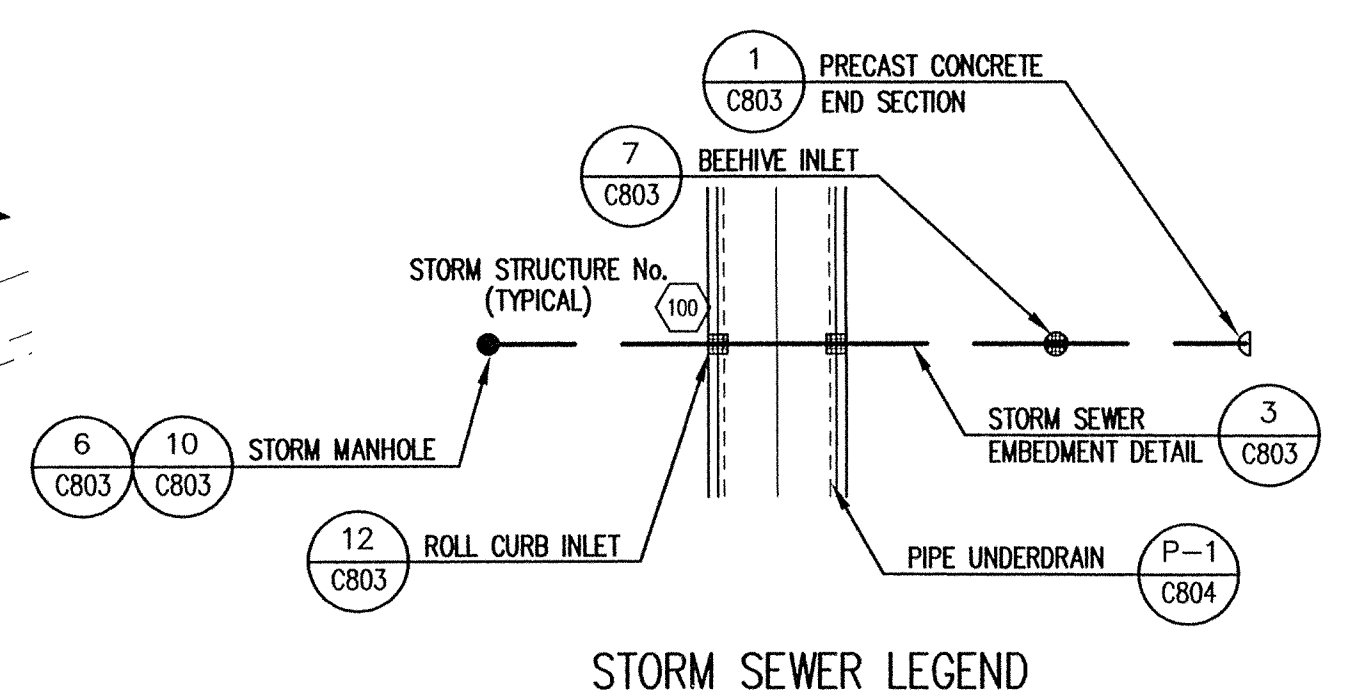
Existing Grade	New Grade	Granular Backfill

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



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- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

BENCHMARK

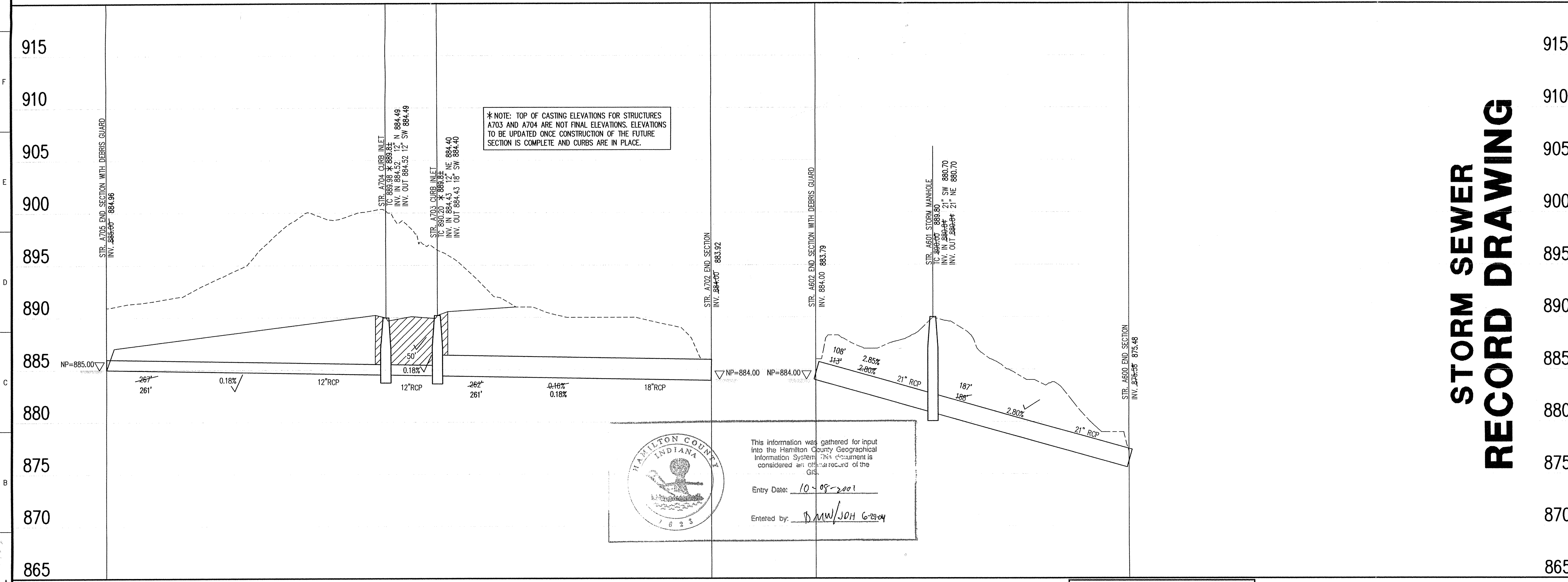
TBM #44
 USCS BENCHMARK
 CUT "X" NORTH BONNET BOLT IN FIRE HYDRANT
 EAST SIDE HOOVER RD. ±100' SOUTH OF CLARIDGE
 FARM ENTRANCE.
 ELEVATION - 893.39

Revisions

- 02/23/99, MG, REVISED PER TAC COMMENTS.
- 03/29/99, BET, REVISED PER TAC COMMENTS.
- 04/19/99, BET, FINAL Q.C. REVISIONS
- 03/27/00, MG, "RECORD DRAWING"

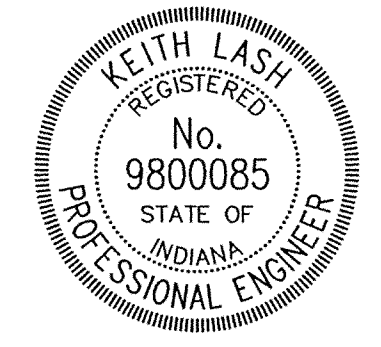
STORM SEWER PLAN

SCALE: 1"=50'

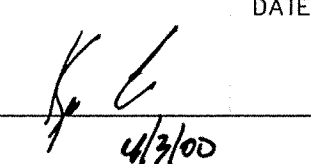


CERTIFICATION FOR "RECORD DRAWING"

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: _____

CERTIFIED BY:  4/3/00

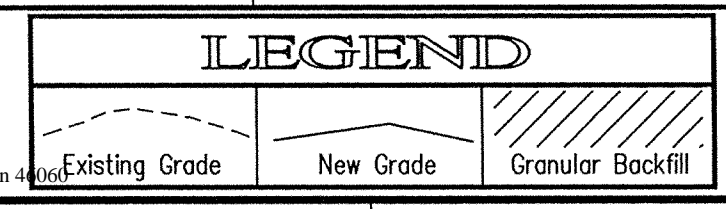
THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1998, The Schneider Corporation

STORM SEWER RECORD DRAWING

HAMILTON COUNTY INDIANA
 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: 10-08-2001
 Entered by: MW/JOH 6-23-04

STORM SEWER PROFILE



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

The Schneider Corporation

12726 Hamilton Crossing Blvd. Engineering
 Carmel, Indiana 46032 Surveying
 46032 Landscape Architecture
 317-574-3797 GIS • LIS
 317-574-3799 Fax Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

BRENWICK DEVELOPMENT CO.
 Village of Westclay
 Section 10009

STORM SEWER PLAN

Date	Project No.	Drawn	Approved
08/21/98	1238.1009	BET, MG	

Computer Files
 1238\1009\DWG\C604.DWG
 XREF: 1008S.DWG
 XREF: 1008CS.DWG
 XREF: MID-BS-E.DWG
 XREF: STORM.DWG

Sheet No.
C604

1:238\1009\DWG\C604.dwg Mon Mar 27 18:01:02 2000