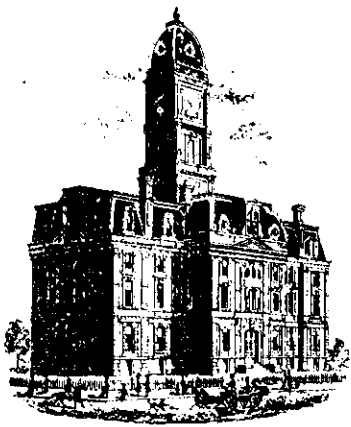


Drain: VILLAGES AT WEST CLAY DRAIN **Drain #:** 312
Improvement/Arm: VILLAGE AS WEST CLAY - SECTION 10001
Operator: JDH **Date:** 6-29-04
Drain Classification: Urban/Rural **Year Installed:** 2000

GIS Drain Input Checklist

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



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

November 14, 2000

Re: Village of WestClay Drain, Section 10001 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 10001 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" RCP	239 ft	21" RCP	654 ft	48" RCP	295 ft
15" RCP	393 ft	24" RCP	289 ft		
18" RCP	818 ft	27" RCP	79 ft		

The total length of the drain will be 2,767 feet.

The subsurface drains (SSD) under curbs are not to be part of the regulated drain. This is per an agreement between Brenwick Development and the Hamilton County Commissioners on April 26, 1999 (see Commissioners Minute Book 93, pages 565-566).

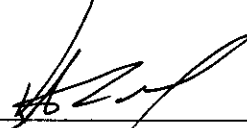
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$5.00 per acre, \$5.00 per acre for roadways, \$5.00 per acre for common areas, with a \$120.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$5,027.56.

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

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 widths as shown on the secondary plat for Village of WestClay Section 10001 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for December 26, 2000.



Kenton C. Ward
Hamilton County Surveyor

KCW/kkw



Performance Bond

AIA Document A312 - Electronic Format

THIS DOCUMENT HAS IMPORTANT LEGAL CONSEQUENCES: CONSULTATION WITH AN ATTORNEY IS ENCOURAGED WITH RESPECT TO ITS COMPLETION OR MODIFICATION. AUTHENTICATION OF THIS ELECTRONICALLY DRAFTED AIA DOCUMENT MAY BE MADE BY USING AIA DOCUMENT D401.

Any singular reference to Contract, Surety, Owner or Other Party Shall be considered plural where applicable.

Bond #8293282

CONTRACTOR (Name and Address):

Brenwick Development Company, Inc.
12722 Hamilton Crossing Boulevard
Carmel, IN 46032

SURETY (Name and Principal Place of Business)

Fidelity & Deposit Company of Maryland
2350 One Indiana Square
Indianapolis, IN 46204

OWNER (Name and Address):

Board of Commissioners of Hamilton County
33 North 9th Street
Noblesville, IN 46060

CONSTRUCTION CONTRACT

Date:

Amount: One Hundred Nine Thousand Four Hundred Twenty Five Dollars and no/100***(\$109,425.00)

Description (Name and Location):

Guarantee Completion of the Storm Sewer System to be petitioned to be regulated in Section 10001, Village of WestClay

BOND

Date (Not earlier than Construction Contract Date): August 17, 2000

Amount: One Hundred Nine Thousand Four Hundred Twenty Five Dollars and no/100***(\$109,425.00)

Modifications to this Bond:

None See Page

CONTRACTOR AS PRINCIPAL

SURETY

Company:

(Corporate Seal)

Company:

(Corporate Seal)

Brenwick Development Company, Inc.
12722 Hamilton Crossing Boulevard
Carmel, IN 46032

Fidelity & Deposit Company of Maryland
135 N. Pennsylvania Street, Suite 1250
Indianapolis, IN 46204

Signature: _____

Signature: 

Name and Title:

Name and Title:
Shelley E. Henry
Attorney-In-Fact

(Any additional signatures appear on the last page)

(FOR INFORMATION ONLY - Name, Address and Telephone)

AGENT or BROKER:

M.J. Schuetz Agency
P.O. Box 44070, Indpls., IN 46244
Phone #317/639-5679

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

AIA DOCUMENT A312• PERFORMANCE BOND AND PAYMENT BOND • DECEMBER 1984 ED. • AIA ©• THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASHINGTON, D.C., 20006-5292 • THIRD PRINTING • MARCH 1987. WARNING; Unlicensed photocopying violates U.S. copyright laws and is subject to legal prosecution. This document was electronically produced with permission of the AIA and can be reproduced without violation until the date of expiration as noted below.

Electronic Format A312-1984

1 The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.

3 If there is no Owner Default, the Surety's obligation under this Bond shall arise after:

3.1 The Owner has notified the Contractor and the Surety at its address described in Paragraph 10 below that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default; and

3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided in Sub-paragraph 3.1; and

3.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Construction Contract in accordance with the terms of the contract with the Owner.

4 When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Construction Contract; or

4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or

4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and the contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor's default; or

4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, tender payment therefor to the Owner; or

.2 Deny liability in whole or in part and notify the Owner citing reasons therefor.

5 If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Subparagraph 4.4, and the Owner refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

6 After the Owner has terminated the Contractor's right to complete the Construction Contract, and if the Surety elects to act under Subparagraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:

6.1 The responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

6.2 Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and

6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

7 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators or successors.

8 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

9 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

10 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page.

11 When this Bond has been furnished to comply with a

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company:

(Corporate Seal)

SURETY

Company:

(Corporate Seal)

Signature: _____

Name and Title:

Signature: _____

Name and Title:

statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12 DEFINITIONS

12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract

12.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.

12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
HOME OFFICE: P.O. BOX 1227, BALTIMORE, MD 21203-1227

Know ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by W. B. WALBRECHER, Vice-President, and T. E. SMITH, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint M. J. Schuetz, Jr., Julian D. Pace, II, Vickie L. Wolcott, Shelley E. Henry, Janis J. Powell, David A. Linthicum and Sandra Caplinger, all of Indianapolis, Indiana, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of M. J. Schuetz, Jr., Julian D. Pace, II, Vickie L. Wolcott, Shelley E. Guess, Janis J. Powell, David A. Linthicum and Sandra Caplinger, dated September 18, 1998.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 29th day of March, A.D. 1999.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



T. E. Smith

T. E. Smith Assistant Secretary

By:

W. B. Walbrecher

W. B. Walbrecher Vice-President

State of Maryland } ss:
County of Baltimore }

On this 29th day of March, A.D. 1999, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came W. B. Walbrecher, Vice-President and T. E. Smith, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposeth and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Carol J. Fader

Carol J. Fader Notary Public

My Commission Expires: August 1, 2000

EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND

"Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertaking, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,....and to affix the seal of the Company thereto."

CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this

17th day of August, 2000.

S. D. Matie

Assistant Secretary

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR
RE: Village of West Clay Section 10001

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: _____

David K. Sexton

Date: 8-01-02

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

Business /Address: The Schneider Corporation

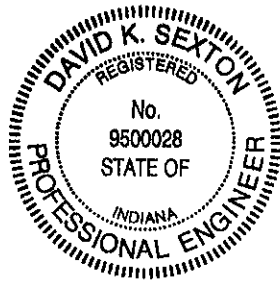
12821 E. New Market Street, Carmel, IN 46032

Telephone: (317) 569-8112

INDIANA REGISTRATION NUMBER

PE 9500028

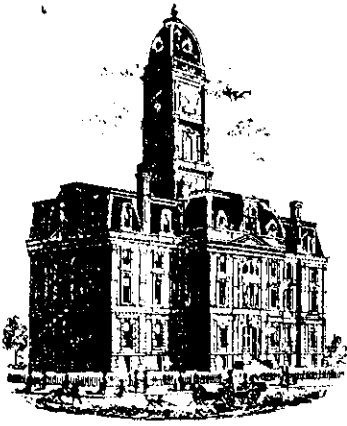
SEAL



FILED

AUG 02 2002

OFFICE OF HAMILTON COUNTY SURVEYOR



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

June 2, 2003

Re: Village of West Clay 10001

Attached are as-builts, certificate of completion & compliance, and other information for Village of West Clay 10001. 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 November 14, 2000. The report was approved by the Board at the hearing held December 26, 2000. (See Drainage Board Minutes Book 5, Pages 523-24) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
610	893.36	890.26				
609	893.48	889.98	15	28	29	-1
609	893.48	889.98				
608	894.66	889.76	18	83	82	1
608	894.66	889.76				
607	892.65	889.25	18	154	155	-1
607	892.65	889.25				
606	891.69	888.19	18	243	242	1
606	891.69	888.19				
605	894.6	887.75	21	191	192	-1
605	894.6	887.75				
604	894.63	887.58	21	32		
604	894.63	887.58				
603	895.37	887.17	21	86	85	1
603	895.37	887.17				
602	890.07	886.32	24	288	289	-1
602	890.07	886.32				
601	890.12	886.17	27	29		
601	890.12	886.17				
600		886.06	27	54	50	4
627	893.36	889.06				

626	893.31	888.91	12	28	29	-1	✓
626	893.31	888.81					
625	892.76	888.11	15	158			
625	892.76	888.11					
624	981.68	887.98	15	107	106	1	
624	981.68	887.98					
623	892.1	887.3	18	162			
623	892.1	887.3					
622	890.97	887.17	18	48			
622	890.97	887.17					
621	891.72	886.67	21	215	214	1	
621	891.72	886.57					
620		885.84	21	137	131	6	
628	891.04	887.54					
622	890.97	887.17	12	28			✓
642	885.3	880.63					
641	885.47	880.22	12	32			✓
641	885.47	880.22					
640		878.99	15	76	78	-2	
637	886.85	883.55					
636	886.87	883.32	15	32			
636	886.87	883.32					
635	882.31	882.31	18	170	172	-2	
647		884.7					
646	889.56	884.36	48	69	76	-7	
646	889.56	884.26					
645		883.95	48	206			
633		886.06					
632	890.38	885.78	12	43	39	4	✓
632	890.38	885.78					
631	890.31	885.61	12	32			✓
631	890.31	885.61					
630		885.47	12	29	31	-2	✓
648		885.88					
646	889.56	884.26	15	56	63	-7	

RCP Pipe

Totals:

12	192
15	457
18	860
21	661
24	288
27	83
48	275

The length of the drain due to the changes described above is now **2816 feet**.

The non-enforcement was approved by the Board at its meeting on December 26, 2000 and recorded under instrument #200100002894.

The bond or letter of credit from Fidelity & Deposit Company of Maryland, number 8293282; dated August 17, 2000; in the amount of \$109,425.00; was released August 12, 2002.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

SEC. 28-T18N-R3E

VILLAGE OF WESTCLAY

SECTION 10001

(CONSTRUCTION PLANS)

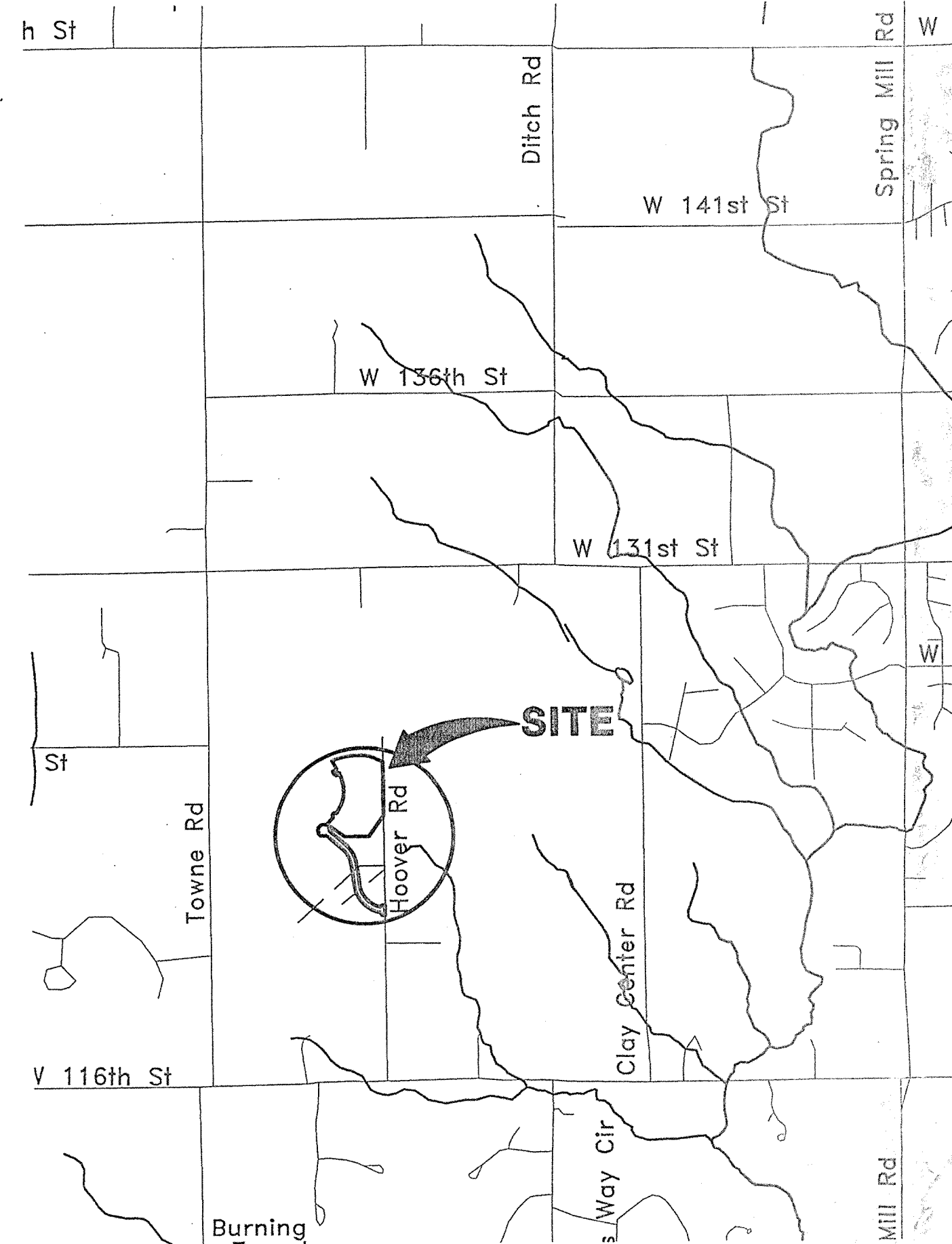
HAMILTON COUNTY CARMEL, INDIANA

DEVELOPER:

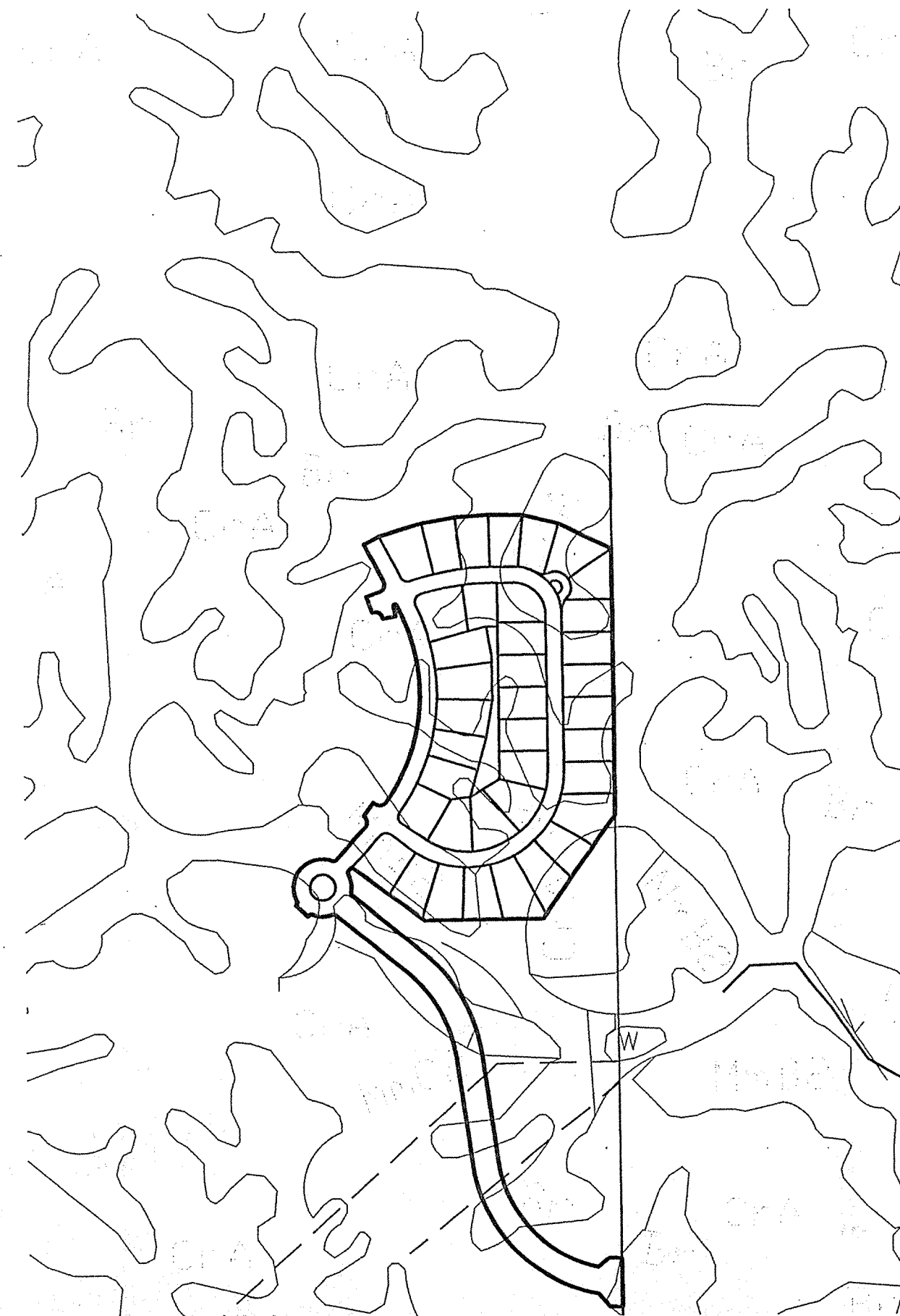
BRENWICK DEVELOPMENT CO.

12722 HAMILTON CROSSING BLVD.
CARMEL, INDIANA 46032
13171 574-3400

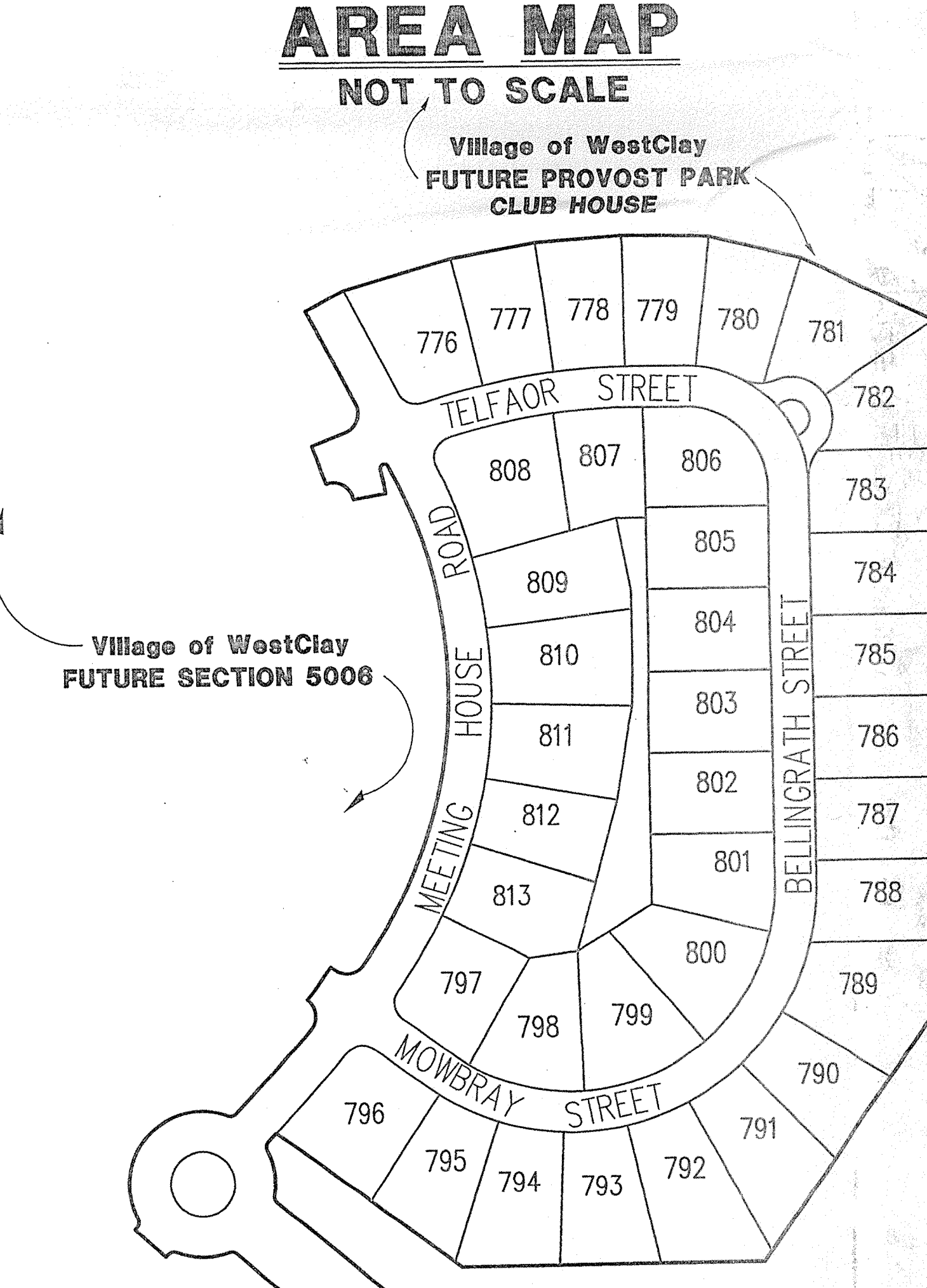
**SUB-SURFACE DRAINAGE
SANITARY SEWER
STORM SEWER
RECORD DRAWING**



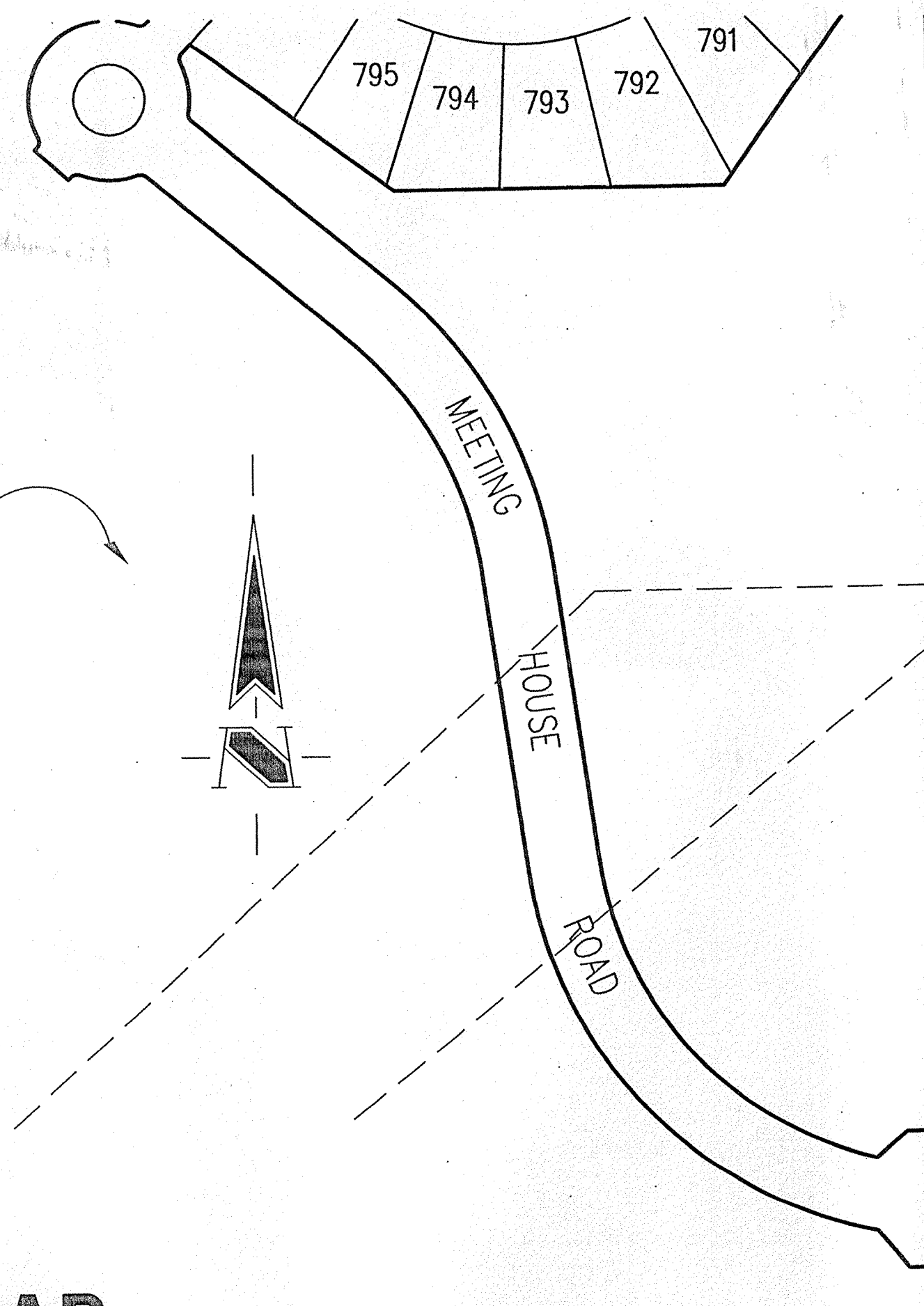
AREA MAP
NOT TO SCALE



SOILS MAP
NOT TO SCALE



SITE MAP
SCALE: 1" = 150'



**ROADWAY DESIGN
SPEED = 20MPH**

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101-C103	DEVELOPMENT PLAN
C104-C106	EROSION CONTROL PLAN
C107	EROSION CONTROL DETAILS
C108-C109	TRAFFIC CONTROL PLAN
C201-C205	STREET PLAN & PROFILE
C301-C302	INTERSECTION DETAILS
C401-C404	SANITARY SEWER PLAN & PROFILE
C601-C603	STORM SEWER PLAN & PROFILE
C701-C702	WATER DISTRIBUTION PLAN
C703	WATER DETAILS & SPECIFICATIONS
C801	STREET DETAILS
C802	SANITARY SEWER DETAILS
C803	STORM SEWER DETAILS
C804-C805	HAMILTON COUNTY DETAILS
C901	SPECIFICATIONS



12726 Hamilton Crossing Blvd.
Carmel, Indiana
46032
317-574-3797
317-574-3799 Fax

Engineering
Surveying
Landscape Architecture
GIS • IIS
Geology

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

CERTIFIED BY: KEITH LASH
E-MAIL ADDRESS: klash@theschneidercorp.com

FILED
AUG 02 2002



DATE:

DATE:	BY:	DESCRIPTION:
08/12/99	BET	ALL SHEETS
10/08/99	MG	C702
10/13/99	MG	ALL SHEETS
12/03/99	DCC	C104-C107
1/27/00	BET	C102, C801, C802, C803, C701, C702
07/25/00	BET	C102, C104-C107 & C803
08/14/00	DCC	C108, C109, C401 & C402
09/07/00	DCC	C102, C603, C803
10/20/00	MG	C102, C603, C803

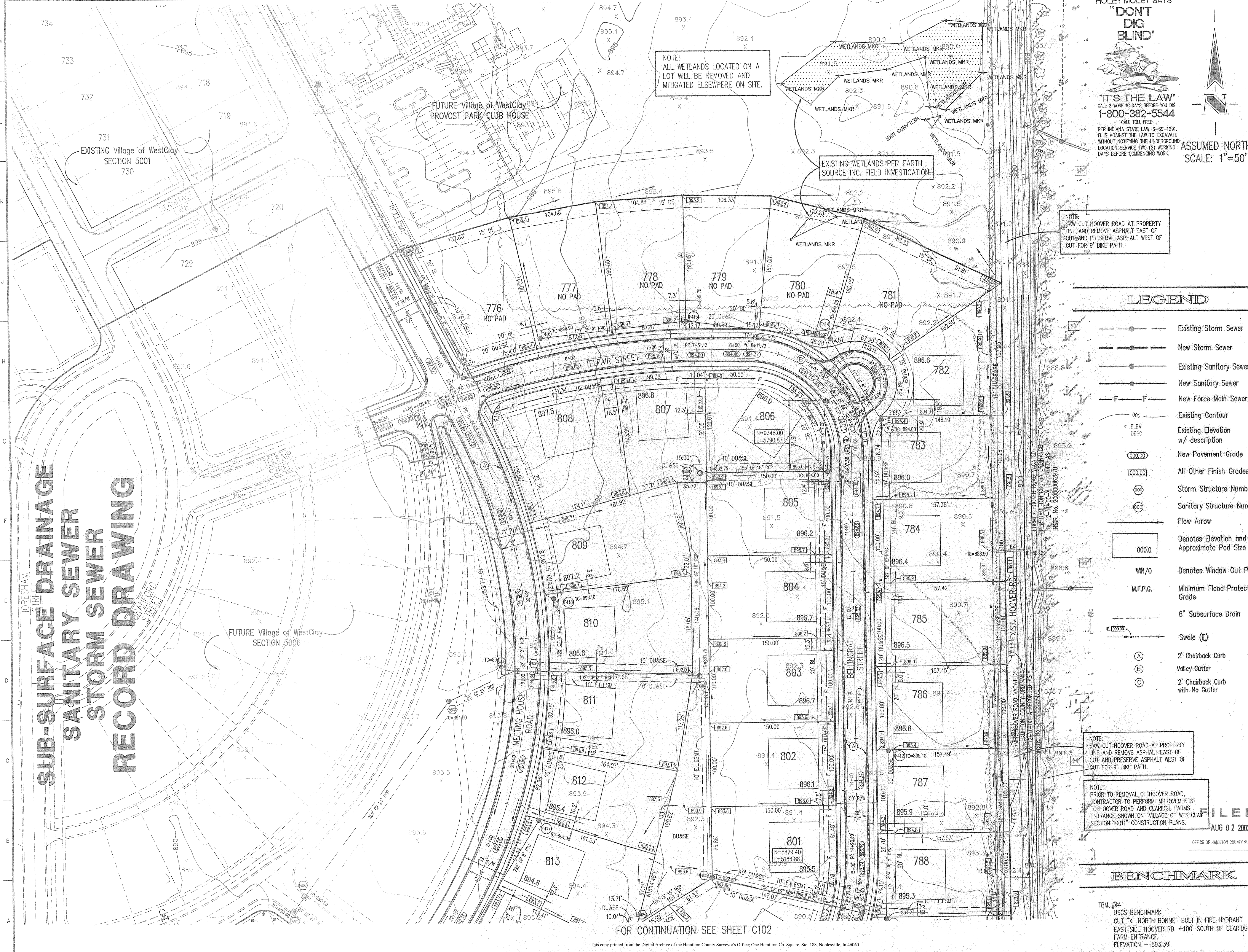
PROJECT ENGINEER: _____
CHECKED BY: _____ DATE CHECKED: _____

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.
1999, The Schneider Corporation

JOB No. 1238.1001

SHEET
C100
OF
33

SUB-SURFACE DRAINAGE SANITARY SEWER STORM SEWER RECORD DRAWING



NOTE:
ALL WETLANDS LOCATED ON A LOT WILL BE REMOVED AND MITIGATED ELSEWHERE ON SITE.

EXISTING WETLANDS PER EARTH SOURCE INC. FIELD INVESTIGATION.

NOTE:
SAW CUT HOOPER ROAD AT PROPERTY LINE AND REMOVE ASPHALT EAST OF CUT AND PRESERVE ASPHALT WEST OF CUT FOR 9' BIKE PATH.

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 16-69-1591.
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'

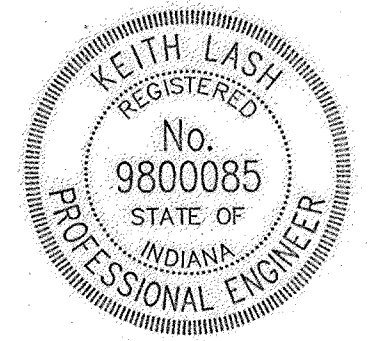
LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- New Force Main 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
- Denotes Window Out Pad
- Minimum Flood Protection Grade
- 6" Subsurface Drain
- Swale (E)
- 2" Chairback Curb
- Valley Gutter
- 2" Chairback Curb with No Gutter

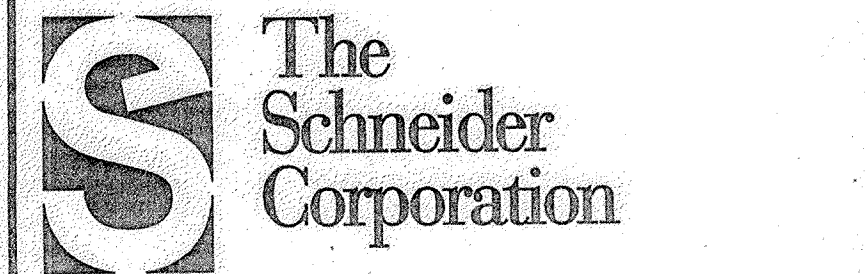
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 3. STANDARD SPECIFICATIONS FOR CLAY TOWNSHIP REGIONAL WASTE DISTRICT SHALL APPLY FOR ALL SANITARY SEWERS. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
 4. THE SIZE AND LOCATION 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.
 5. SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
 6. 4" CONCRETE SERVICE WALK AROUND FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
 7. 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.
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 10. 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).
 11. WATERMAIN VALVES SHALL NOT BE LOCATED UNDER PAVEMENT.

Revisions
1. SET, 10/15/99, REVISED PER CTDR.
2. DEC, 10/28/99, REVISED PER TAC COMMENTS.
3. MG, 07/25/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
4. SET, 01/25/01, "RECORD DRAWING"

CERTIFICATION FOR "RECORD DRAWING"



DATE: 5/7/01
CERTIFIED BY:



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

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

BRENNICK DEVELOPMENT CO.
Village of WestClay
Section 10001

DEVELOPMENT PLAN

Date: 09/17/99 Project No. 1238.1001 Drawn: DCC Approv.

Computer Files
N:\1238\1001\DWG\C101.DWG
XREF: 1001BS.DWG, WETLANDS.DWG
XREF: 500BS.DWG, CAB.DWG, CAT.DWG
XREF: 500IS.DWG, 3001BL.DWG
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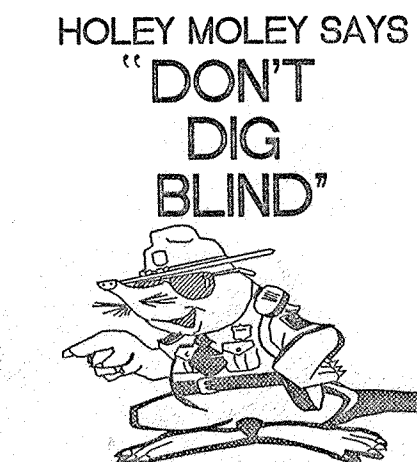
Sheet No. **C101**

FILED
AUG 02 2002
OFFICE OF HAMILTON COUNTY SURVEYOR

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

FOR CONTINUATION SEE SHEET C102



"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'

NOTE:
 SAW CUT HOOPER ROAD AT PROPERTY LINE AND REMOVE ASPHALT EAST OF CUT AND PRESERVE ASPHALT WEST OF CUT FOR 9' BIKER PATH.

NOTE:
 PRIOR TO REMOVAL OF HOOPER ROAD, CONTRACTOR TO PERFORM IMPROVEMENTS TO HOOPER ROAD AND CLARIDGE FARMS ENTRANCE SHOWN ON "VILLAGE OF WESTCLAY SECTION 10011" CONSTRUCTION PLANS.

LEGEND

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- New Storm Sewer
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- New Sanitary Sewer
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- Existing Contour
- Existing Elevation w/ description
- New Pavement Grade
- All Other Finish Grades
- Storm Structure Number
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- Flow Arrow
- Denotes Elevation and Approximate Pad Size
- Denotes Window Out Pad
- Minimum Flood Protection Grade
- 6" Subsurface Drain
- Swale (E)
- 2' Chairback Curb
- Valley Gutter
- 2' Chairback Curb Without Gutter
- Emergency Overflow Route

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12. WATERMAIN VALVES SHALL NOT BE LOCATED UNDER PAVEMENT.

Revisions

1. BET, 10/13/99, ADDED MEETING HOUSE RD. FROM CIRCLE TO HOOPER RD.
2. BET, 10/15/99, REVISED PER CIRRO.
3. DCC, 10/28/99, REVISED PER TAC COMMENTS.
4. BET, 1/27/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
5. BET, 07/25/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
6. DCC, 09/07/00, REVISED STORM F445-F448, PER SURVEYOR'S OFFICE.
7. MFC, 10/20/00, REVISED STORM SEWER 645-648, PER FIELD INVESTIGATION.
8. BET, 01/25/01, "RECORD DRAWING"
9. CWD, 07/31/02, ADDED SSD RISERS TO RECORD DRAWING

CERTIFICATION FOR "RECORD DRAWING"



CERTIFIED BY *David K. Sexton*
 DATE 8/1/02

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 Village of WestClay
 Section 10011

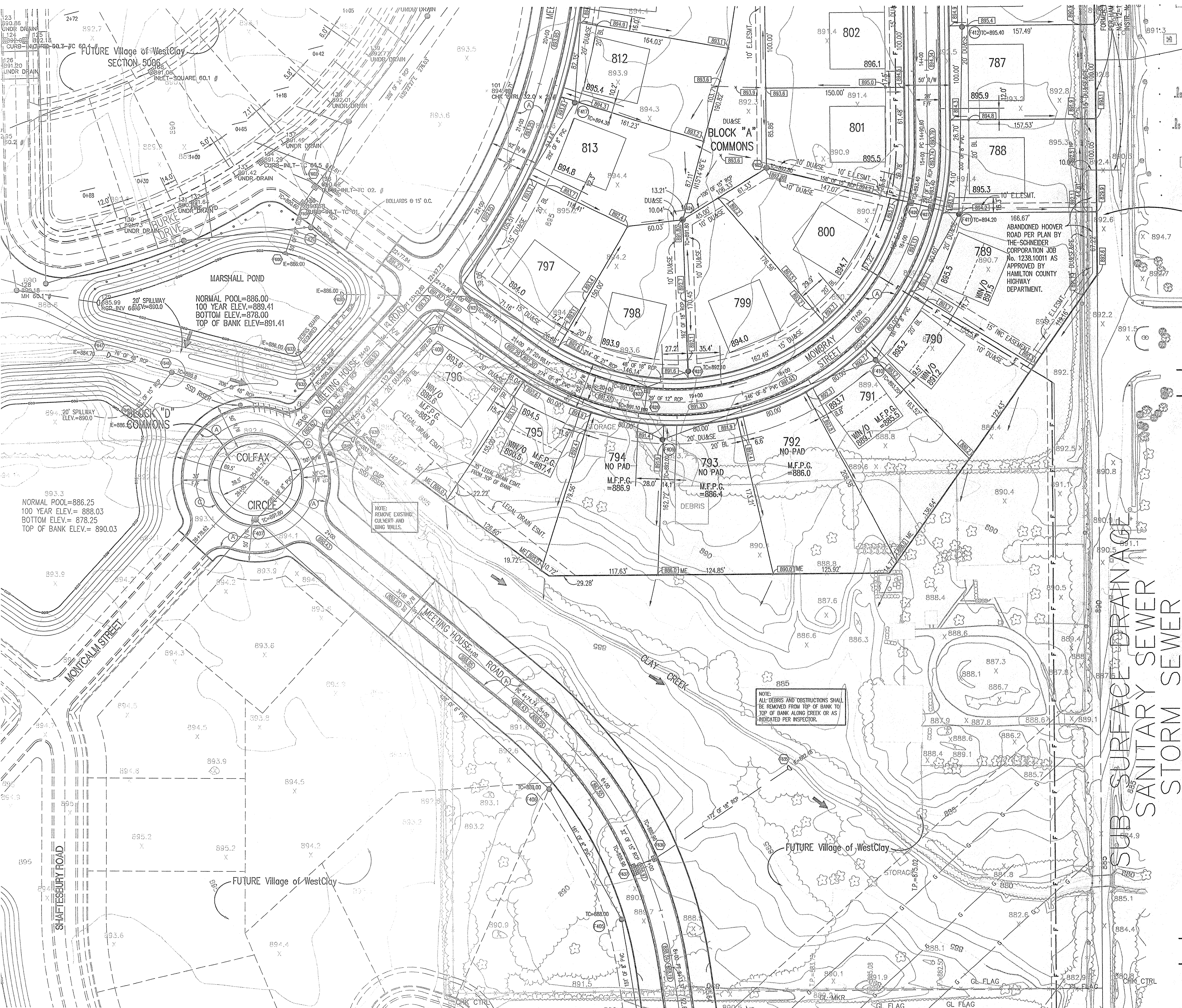
DEVELOPMENT PLAN

Date	Project No.	Drawn	Approv.
09/17/99	1238.1001	DCC	
Computer Files		Sheet No.	
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FILED
 AUG 02 2002
 OFFICE OF HAMILTON COUNTY SURVEYOR

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





FOR CONTINUATION SEE SHEET C102

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
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 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'

LEGEND

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- New Sanitary Sewer
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- Revisions**
- DET. 10/13/99, ADDED THIS SHEET.
 - DET. 10/15/99, REVISED PER CIRWD.
 - DCC 10/28/99, REVISED PER TAC COMMENTS.
 - MS, 07/25/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
 - DET. 07/25/01, "RECORD DRAWING"

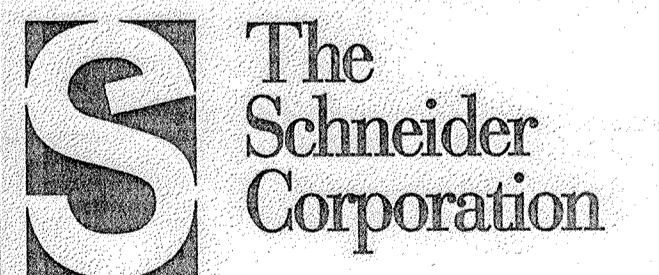
CERTIFICATION FOR "RECORD DRAWING"



DATE: 5/16/1
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 Village of WestClay
 Section 10001

DEVELOPMENT PLAN

Date	Project No.	Drawn	Apprv.
09/17/99	1238.1001	DCC	

Computer Files	Sheet No.
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**SUB-SURFACE DRAINAGE
 SANITARY SEWER
 STORM SEWER
 RECORD DRAWING**

FILE
 AUG 02 2002
 OFFICE OF HAMILTON COUNTY SURVEYOR

BENCHMARK

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

GENERAL NOTES

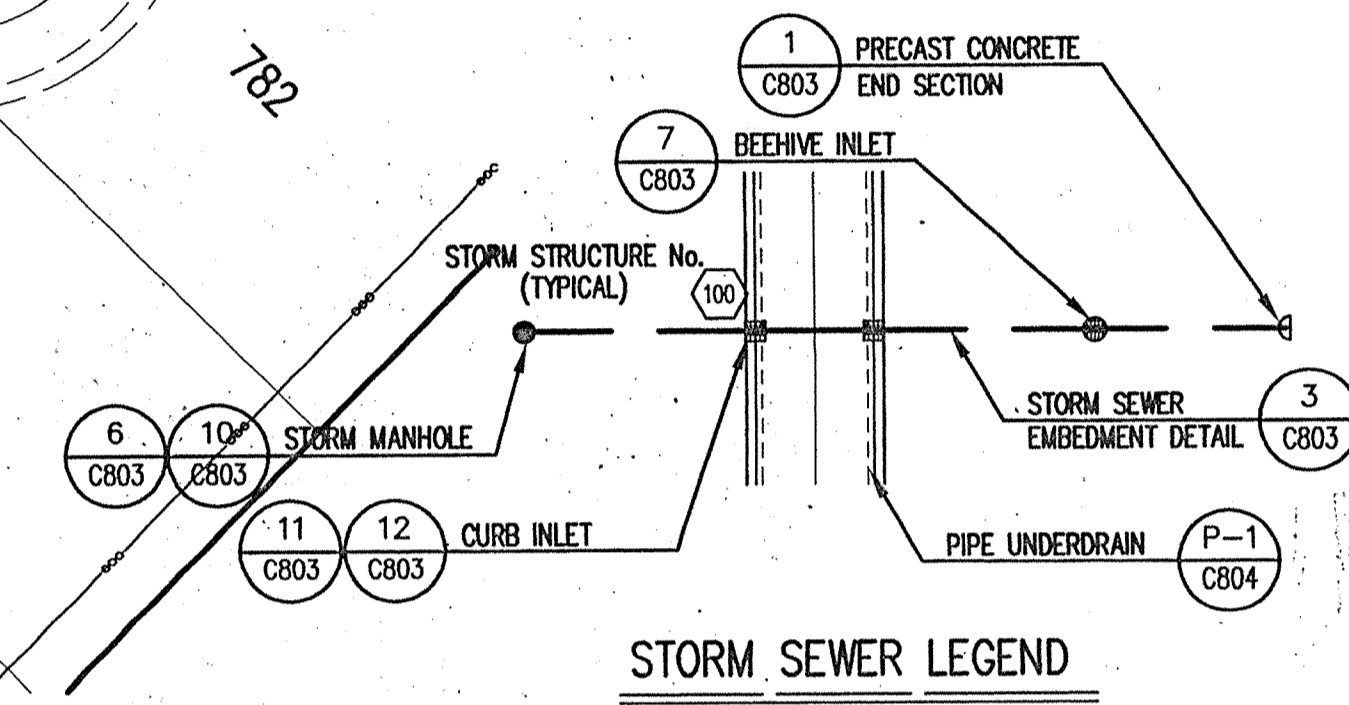
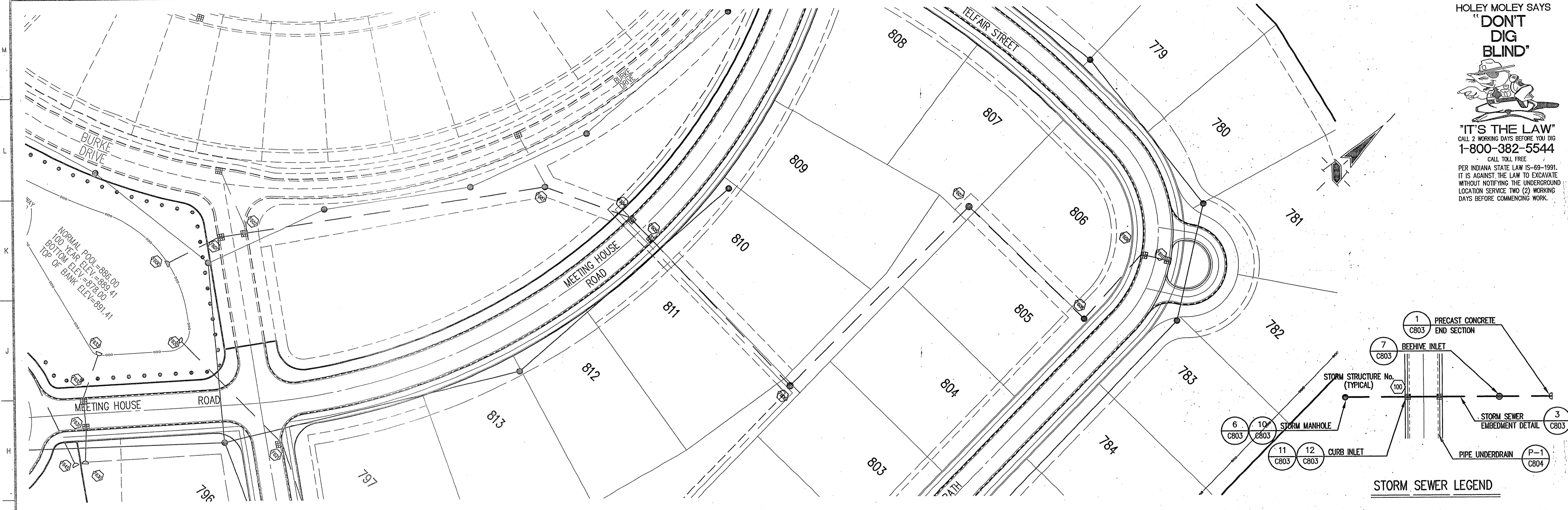
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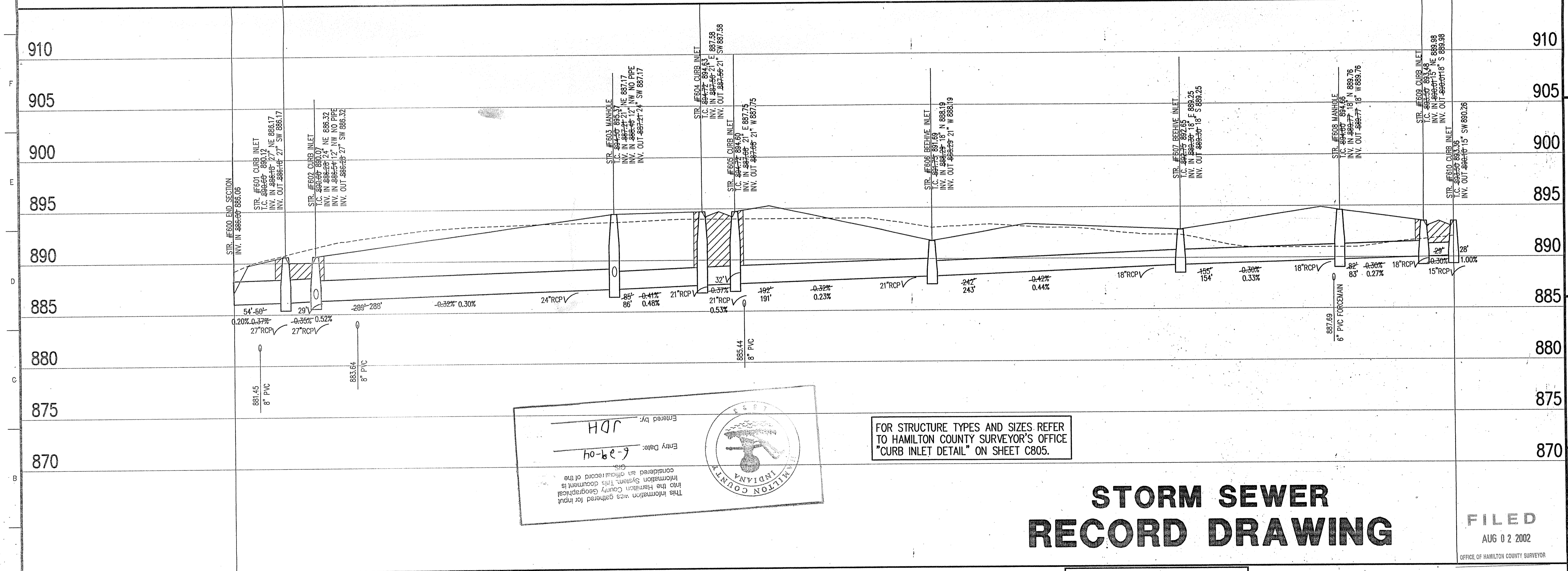
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STORM SEWER PLAN

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.



CERTIFIED BY: *[Signature]* DATE: 5/16/01

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 Village of WestClay
 Section 10001

STORM SEWER PLAN

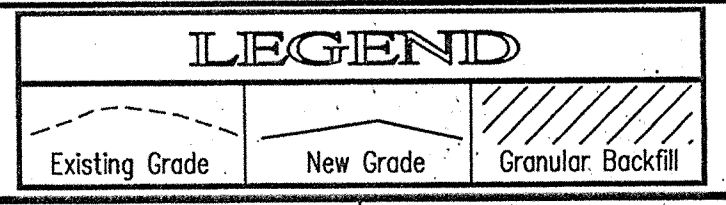
Date	Project No.	Drawn	Approv.
09/17/99	1238.1001	MG	

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 XREF: 1001BS.DWG, 300BS.DWG
 XREF: 3001BS.DWG, 500-55.DWG

Sheet No.
C601

STORM SEWER RECORD DRAWING

FILED
 AUG 02 2002
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SCALE: **HORIZ.: 1"=50'**
VERT.: 1"=5'

STORM SEWER PROFILE

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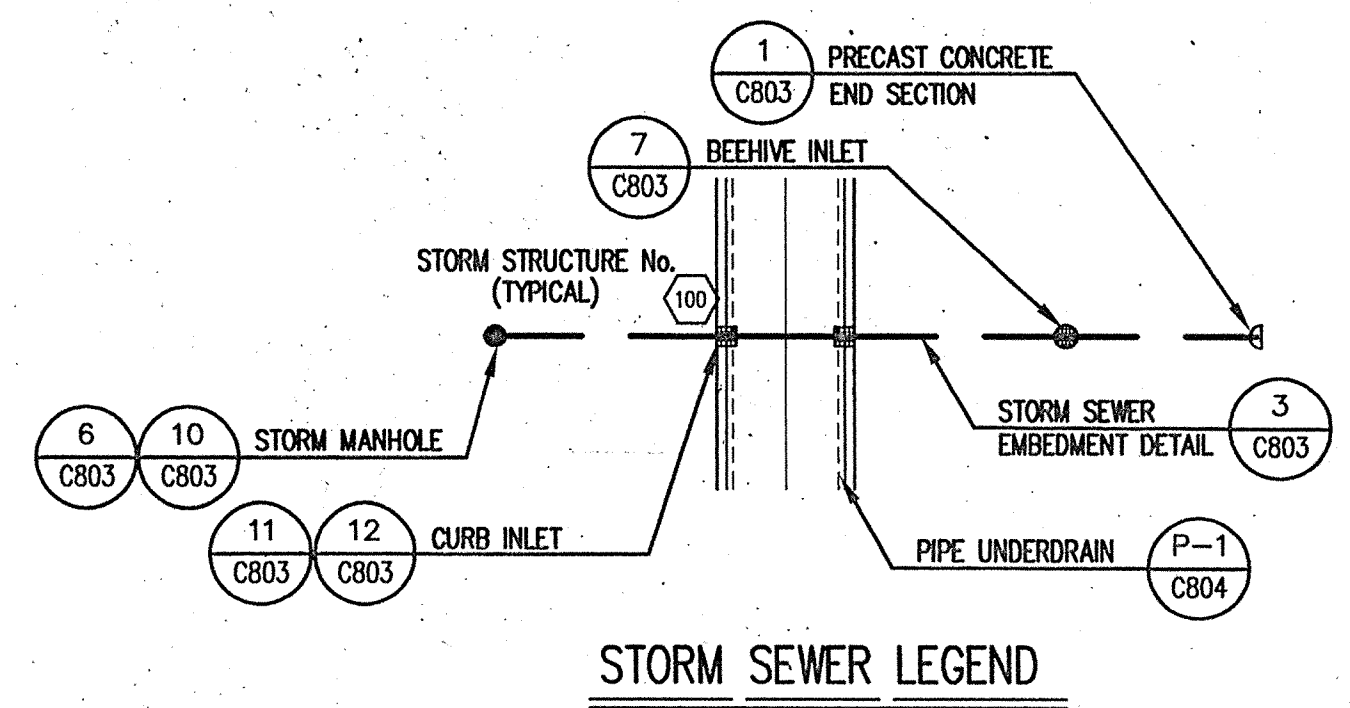
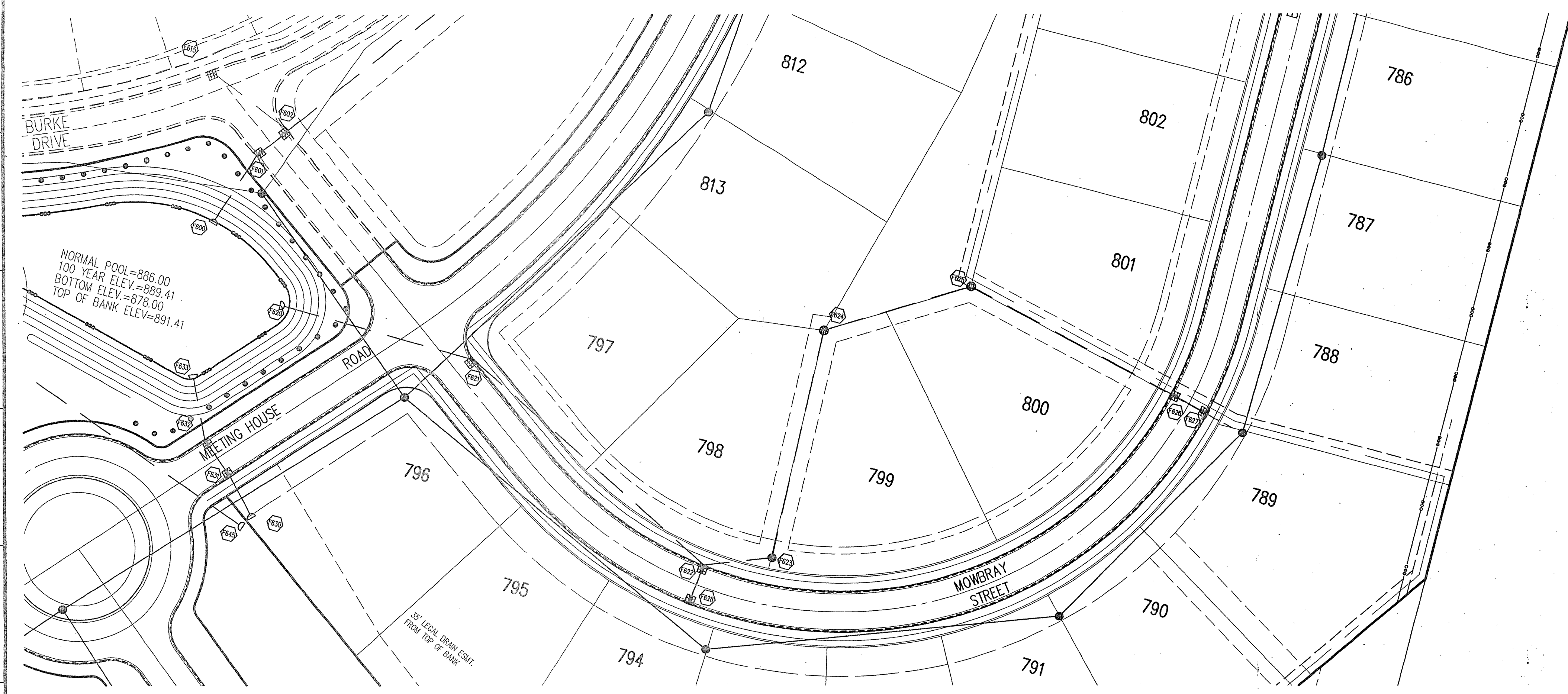
Entered by: *JDR*
 Entry Date: *6-2-04*

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1238\1001\DWG\C601.dwg Thu May 03 10:08:55 2001



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 FARM ENTRANCE.
 ELEVATION - 893.39

Revisions
 1. BET. 11/22/99, ADDED FORCE MAIN CROSSING.
 2. BET. 1/27/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
 3. BET. 5/5/01, "RECORD DRAWING".

STORM SEWER PLAN

SCALE: 1"=50'

CERTIFICATION FOR "RECORD DRAWING"

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CERTIFIED BY: *[Signature]* DATE: 5/16/01

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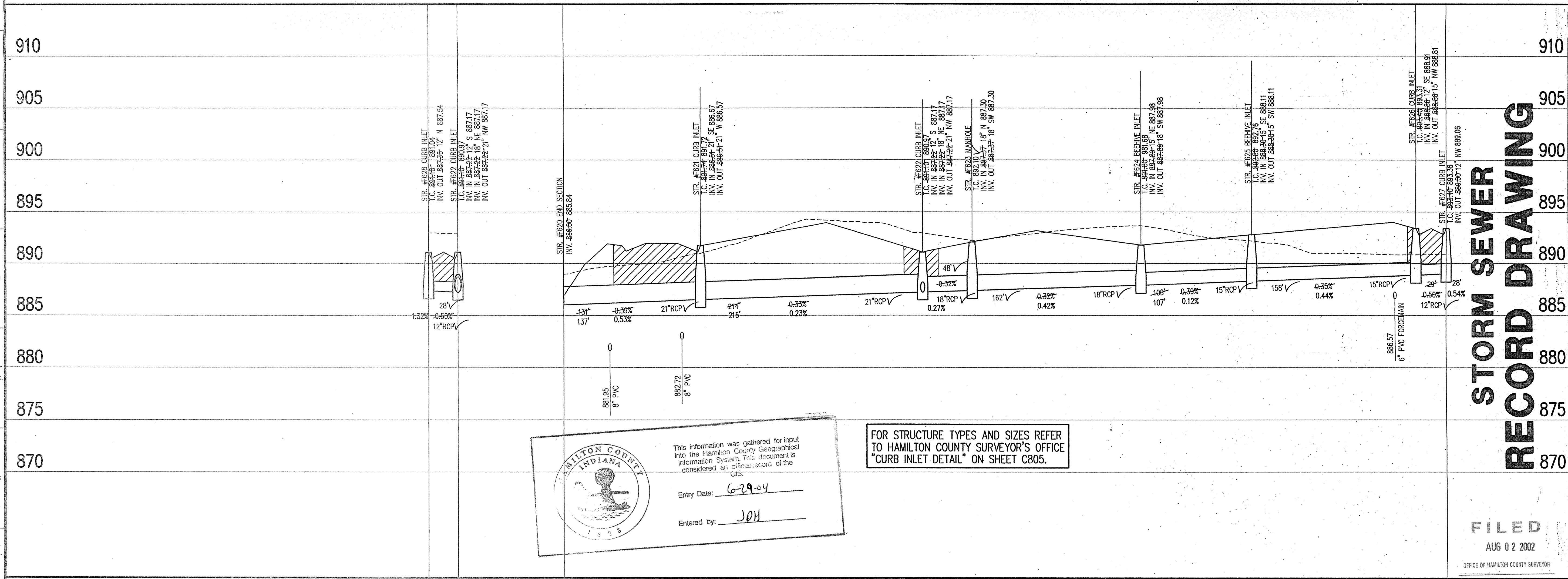
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BRENNICK DEVELOPMENT CO.
 Village of WestClay
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STORM SEWER PLAN

Date	Project No.	Drawn	Approv.
09/17/99	1238.1001	MG	

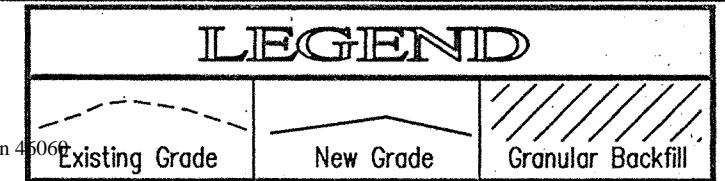
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MILTON COUNTY INDIANA
 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 6-29-04
 Entered by: JDH

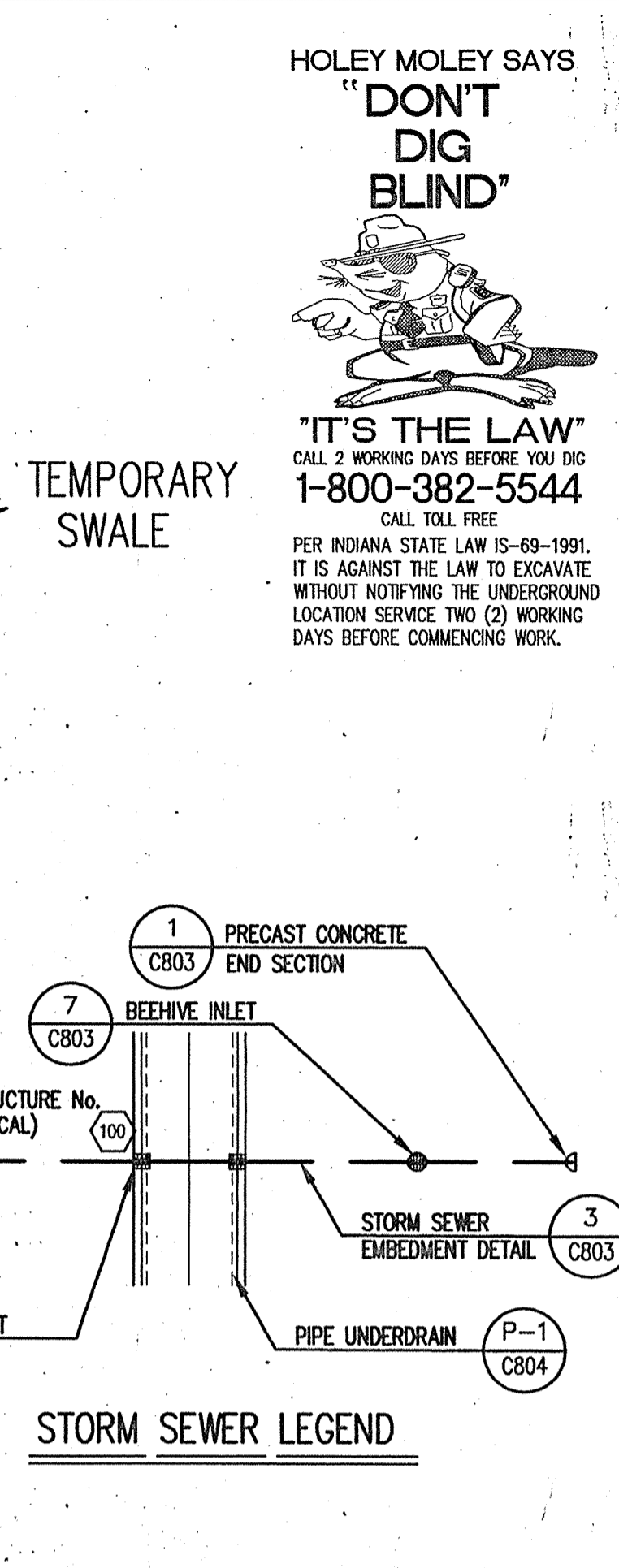
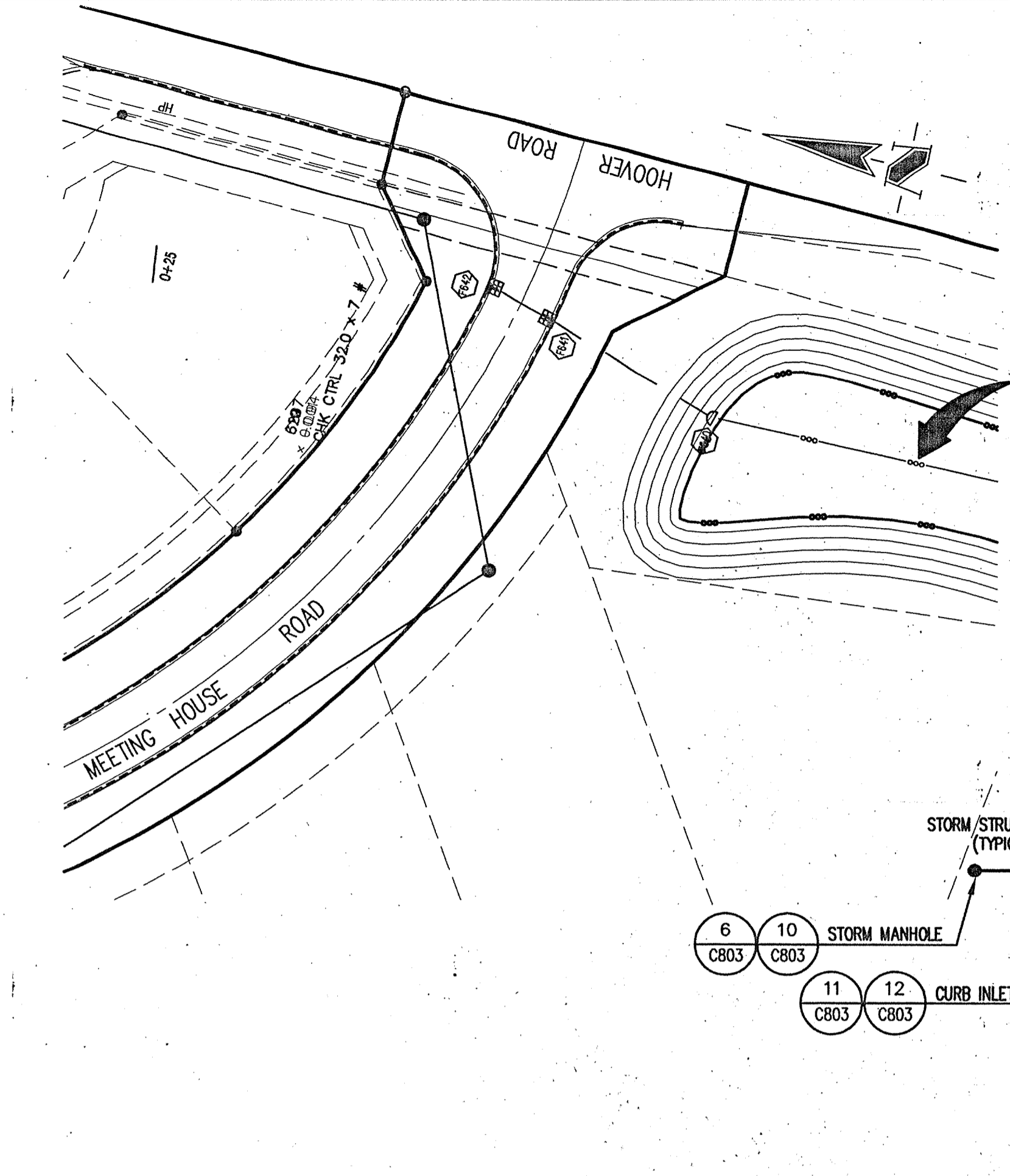
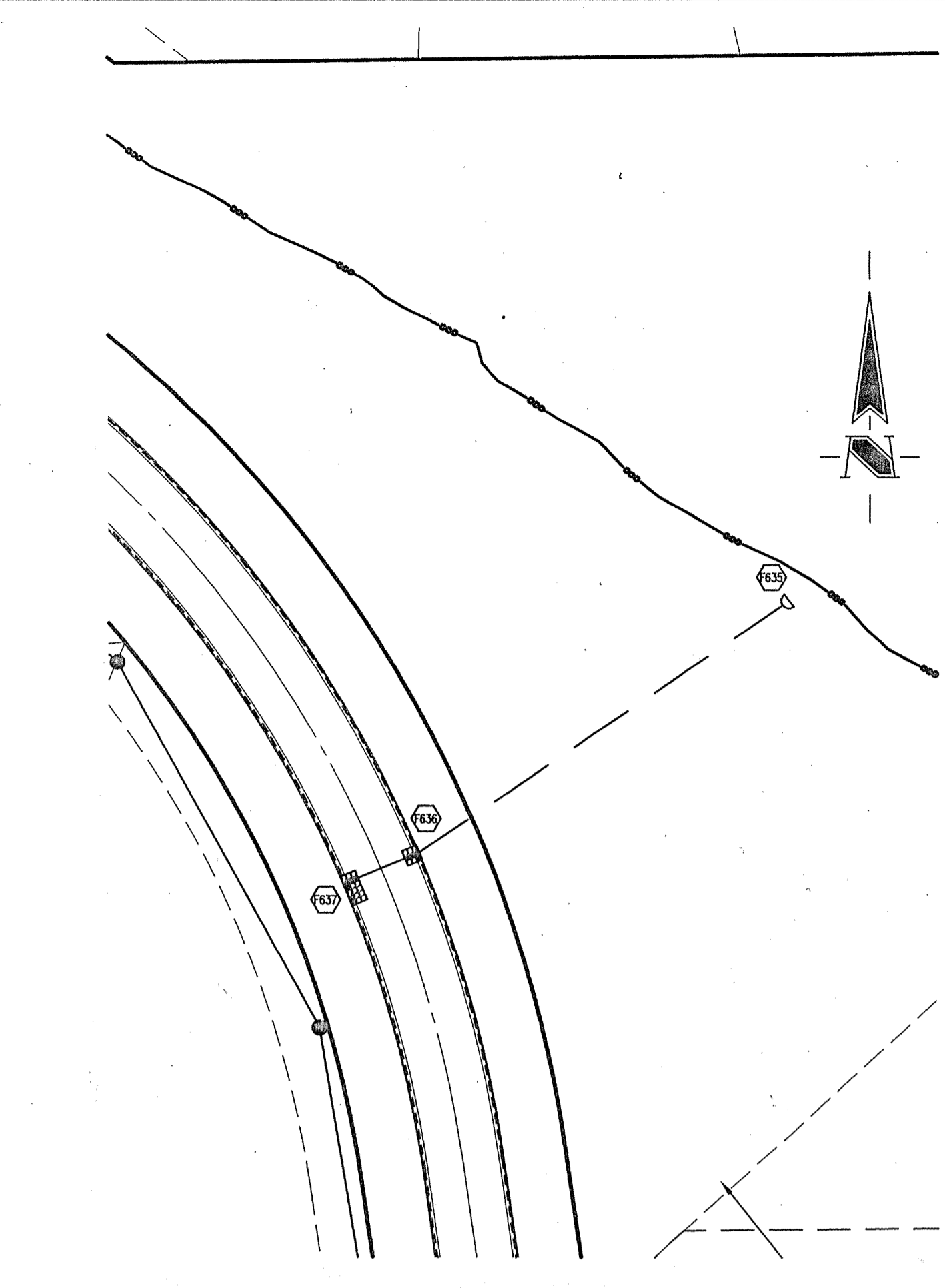
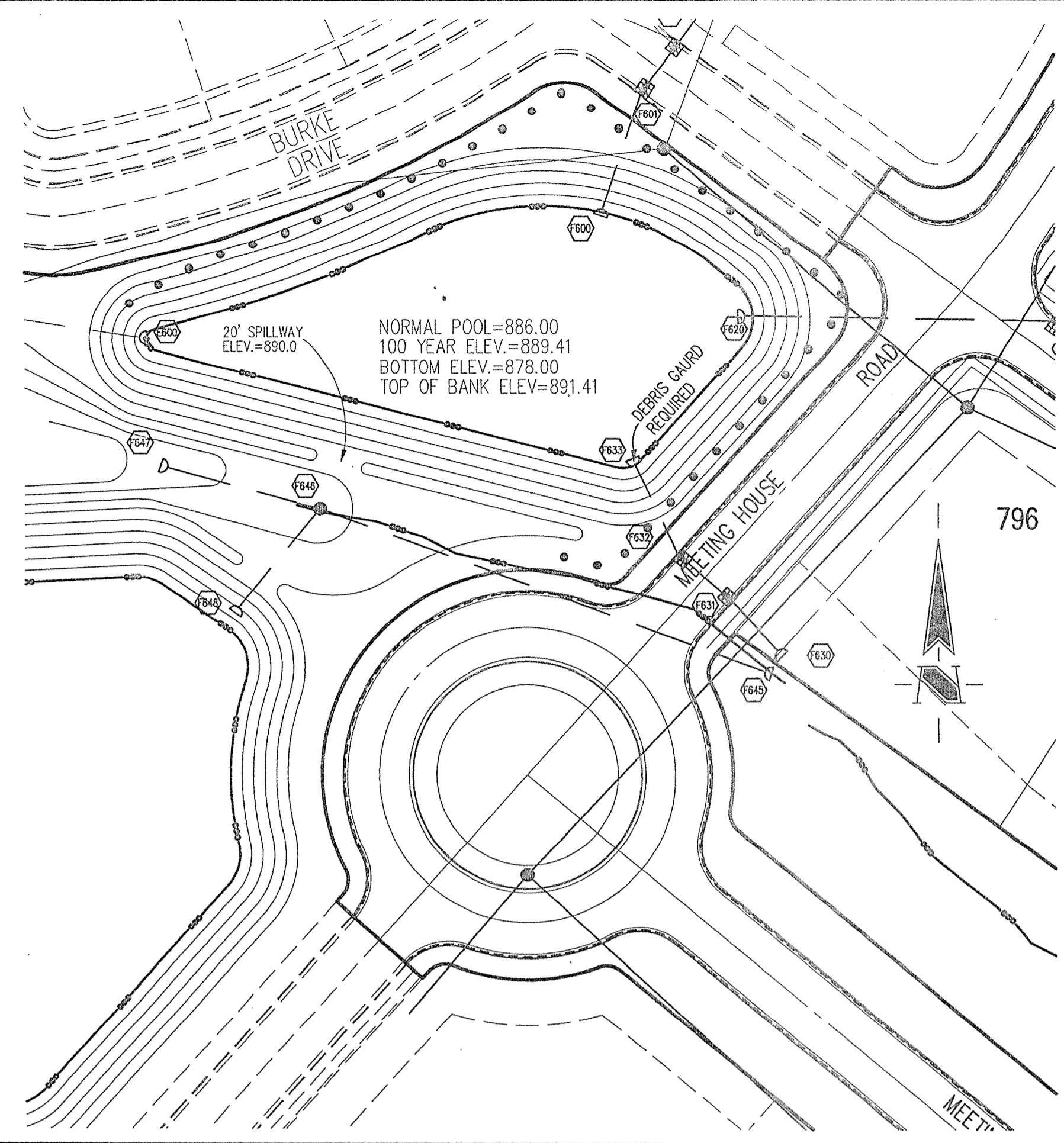
FOR STRUCTURE TYPES AND SIZES REFER TO HAMILTON COUNTY SURVEYOR'S OFFICE "CURB INLET DETAIL" ON SHEET C805.

STORM SEWER PROFILE



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

FILED
 AUG 02 2002
 OFFICE OF HAMILTON COUNTY SURVEYOR



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.
 - 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.

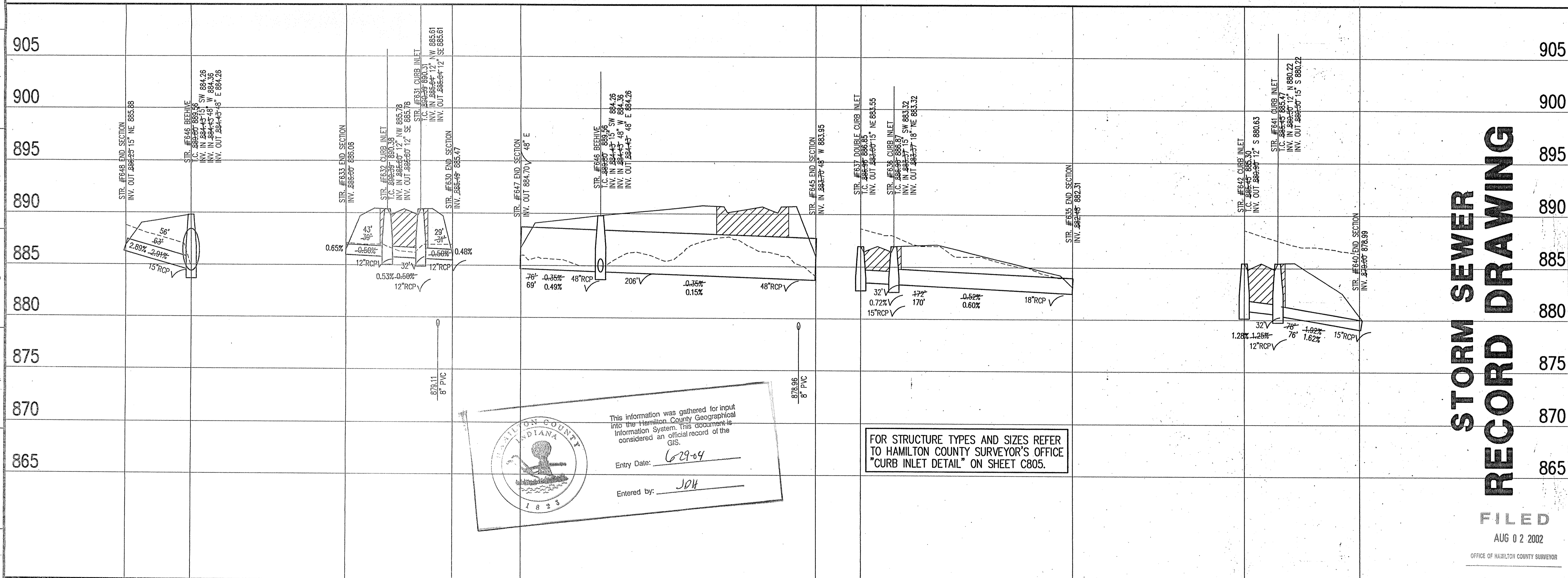
BENCHMARK

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
- 10/13/99, MG, ADDED SHEET
 - BET, 1/27/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
 - BET, 07/25/00, REVISED PER SURVEYOR'S OFFICE COMMENTS.
 - DCC, 09/07/00, REVISED FE45-FE48 PER SURVEYOR'S OFFICE.
 - MG, 10/20/00, REVISED STORM SEWER 645-648 PER FIELD INVESTIGATION.
 - KL, 10/25/00, REVISED STORM SEWER 640-641 PER FIELD INVESTIGATION.
 - BET, 5/5/01, 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.

KEITH LASH
 REGISTERED
 No. 9800085
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 DATE: 5/7/01
 CERTIFIED BY:

1999, 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.

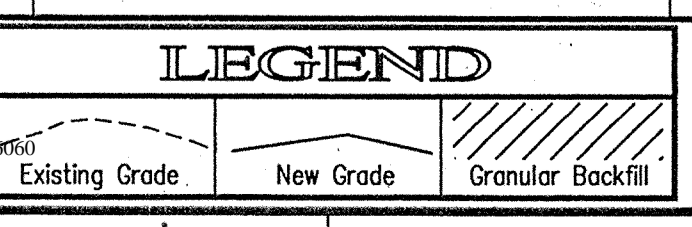
BRENNICK DEVELOPMENT CO.
 Village of WestClay
 Section 10001

STORM SEWER PLAN

Date	Project No.	Drawn	Apprv.
09/17/99	1238.1001	MG	
Computer Files	Sheet No.		
N:\1238\1001\DWG\C603.DWG XREF: 1001BS.DWG, 5006BS.DWG XREF: 1001HS.DWG, 5004-BS.DWG XREF: C60.DWG	C603		

HAMILTON COUNTY
 INDIANA
 1823
 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: 6-29-04
 Entered by: JPH

FOR STRUCTURE TYPES AND SIZES REFER TO HAMILTON COUNTY SURVEYOR'S OFFICE "CURB INLET DETAIL" ON SHEET C805.



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

STORM SEWER PROFILE

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