

**Drain:** Krause & Klepfer Drain

**Improvement-Arm:** Anderson Hall Section 3

**Date Approved:** April 28, 2008

### Drain Input Checklist

- Create Regulated Drain Record in Posse \_\_\_\_\_
  - Drain Type
  - Outlet (Tab)
  - Outlet Attached
  - Location
  - Twp
  - Certification
  - Drain Number
  
- Enter Improvement Arm in Posse April 28, 2008  
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)
  
- Scan Documents \_\_\_\_\_
  - Surveyor's Report
  - Engineer's Estimate
  - Notices
  - Findings and Order
  - Petition
  
- Create Posse Inspection Job \_\_\_\_\_
  
- Enter into Watershed Summary Spreadsheet \_\_\_\_\_
  
- Check for Vacation of Drain & Map Changes \_\_\_\_\_
  
- Check Drainage Easement Classification \_\_\_\_\_
  
- Sum drain length & Validate in GIS \_\_\_\_\_
  
- Enter New Watershed Length into Posse \_\_\_\_\_
  
- Create Boundary of Improvement in GIS \_\_\_\_\_



The total length of the new drain shall be 1,668 feet. The 1,130 feet of original drain between Station 21+40 and Station 32+70 shall be vacated. This proposal will add 538 feet to the drain's total length.

The vacated tile between Station 21+40 and Station 32+70 traversing the Bryant and Clark parcels will remain as a private tile for the benefit of the landowners at their request. In addition, at the request of the landowners, the developer is installing a private 6" subsurface drain parallel to the new storm sewer on parcels 13-11-20-11-00-00-014.002 (Bryant), 13-11-20-00-00-014.004 (Clark) and 13-11-20-00-00-014.000 (Clark). This subsurface drain will be considered private.

The cost of the relocation is to be paid by Estridge Development Company. The developer has provided the Performance Bond as follows:

Name of Bonding Co.: Ohio Casualty Group  
Bond #: 3-973-299  
Bond Date: 10/22/2007  
Bond Amount: \$145,680.00

The easement for the new drain will be 15 feet per half as shown on the plans, and per the attached legal description for the new drain portion located near the south property line of the Norma Jeanne Clark parcel as recorded in the Hamilton County Recorders office.

Attached are two non-enforcement requests, the first for Tract 13-11-20-00-00-014.002 (Bryant) and the second for Tract 13-11-20-00-00-014.004 and 13-11-20-00-00-014.000 (Clark). I recommend approval of the non-enforcements by the Board.

I recommend that this drain be classified as an urban drain.

I recommend that the Board set a hearing date for April 28, 2008.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/llm

HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN RE: Sunny Meadows/Offsite Krause & Klepfer )  
Hamilton County, Indiana )

PETITION FOR RELOCATION AND RECONSTRUCTION

Estridge Development Company, Inc. (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Krause & Klepfer Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Krause & Klepfer Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the Krause & Klepfer Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Krause & Klepfer Drain, without cost to other property owners on the watershed of the Krause & Klepfer Drain.

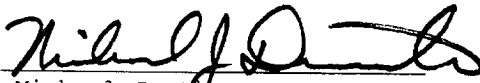
WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Krause & Klepfer Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

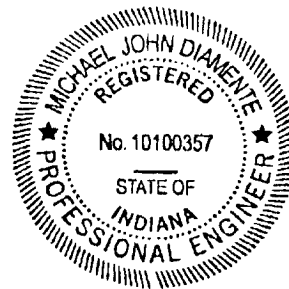
  
Signed \_\_\_\_\_  
Bryan Stumpf Estridge Development Company In  
Printed \_\_\_\_\_

ENGINEERS ESTIMATE  
PROJECT: KRAUSE & KLEPPER RECONSTRUCTION DATE: July 9, 2007  
LOCATION: Fishers, IN ITEM: SUMMARY JOB #: 4788.103

DESCRIPTION	TOTAL
STORM SEWERS	\$90,736.00
T O T A L	\$90,736.00

I certify that this estimate was prepared under my supervision and that it represents an estimate of costs for materials and labor to make the improvements shown on the construction plans and is based on standard methods of estimating such costs effective at the time the estimate was prepared.

By:   
Michael J. Diamente, P.E.  
The Schneider Corporation  
8901 Otis Avenue  
Indianapolis, IN 46216



|::

ENGINEERS ESTIMATE

PROJECT: KRAUSE & KLEPPER RECONSTRUCTION

DATE: JULY 9, 2007

LOCATION: Fishers, IN

ITEM: STORM SEWER

JOB #: 4788-103

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
36" RCP PIPE & BACKFILL	1668	LF	\$52.00	\$86,736.00
BEEHIVE INLETS	4	EA	\$1,000.00	\$4,000.00
TOTAL STORM				\$90,736.00

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

***Krause & Klepfer Drain, Anderson Hall Section 3 Relocation***

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Krause & Klepfer Drain, Anderson Hall Section 3 Relocation** on **April 28, 2008**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed 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

STATE OF INDIANA     )  
                          ) SS                 BEFORE THE HAMILTON  
                          )  
COUNTY OF HAMILTON )                 DRAINAGE BOARD

IN THE MATTER OF **Krause & Klepfer Drain Relocation**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **April 28, 2008** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven A. Holt  
PRESIDENT

ATTEST: Lynette Mosbaugh  
SECRETARY



FINDINGS AND ORDER

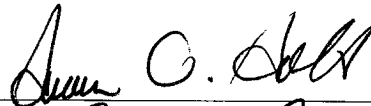
CONCERNING THE PARTIAL VACATION OF THE

**Krause & Klepfer Drain Relocation  
Sta. 21+40 to Sta.32+70**

On this **28th day of April 2008**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Krause & Klepfer Drain Relocation, Sta. 21+40 to Sta. 32+70.**

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 **Krause & Klepfer Drain Relocation.**

HAMILTON COUNTY DRAINAGE BOARD



\_\_\_\_\_  
President



\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

Attest:



STATE OF INDIANA     )  
                          ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
**Krause & Klepfer Drain Relocation**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Krause & Klepfer Drain Relocation** came before the Hamilton County Drainage Board for hearing **on April 28, 2008**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

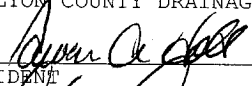
The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **Krause & Klepfer Drain Relocation** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
PRESIDENT

  
\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

ATTEST:

  
Executive Secretary

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Krause and Klepfer Drain Reconstruction as part of the  
Anderson Hall Subdivision, Fishers, Indiana

I hereby certify that:

1. I am a Registered Land Surveyor or 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.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: \_\_\_\_\_ Date: Sept. 17, 2009

Type or Print Name: Duane A. Sharrer, P.E.

Business Address: The Schneider Corporation

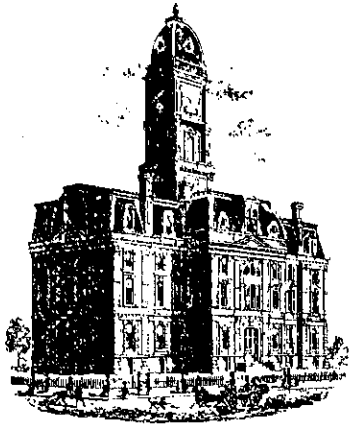
8901 Otis Avenue, Indianapolis, IN 46216

Telephone Number: 317-826-7302

SEAL

INDIANA REGISTRATION NUMBER

890258



KCW

SURVEYOR'S OFFICE  
**Hamilton County**

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

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

**To: Hamilton County Drainage Board**

**February 18, 2010**

**Re: Krause & Klepfer: Anderson Hall Section 3 Relocation**

Attached are as-builts, certificate of completion & compliance, and other information for Anderson Hall Section 3 Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

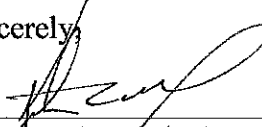
During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated February 21, 2008. The report was approved by the Board at the hearing held April 28, 2008. (See Drainage Board Minutes Book 11, Pages 101-103) The changes are as follows: The 36" RCP was lengthened from 1145 feet to 1217 feet. The length of the drain due to the changes described above is now **1740 feet**. The original Krause and Klepfer drain was removed from Station 21+40 to Station 32+70. Therefore, 610 feet of drain was added to the overall watershed.

The individual non-enforcements were approved by the Board at its meeting on April 28, 2008 and recorded under instrument #'s 2008025396 and 2008025397. The following surety was guaranteed by Ohio Casualty Group and expired on October 22, 2009.

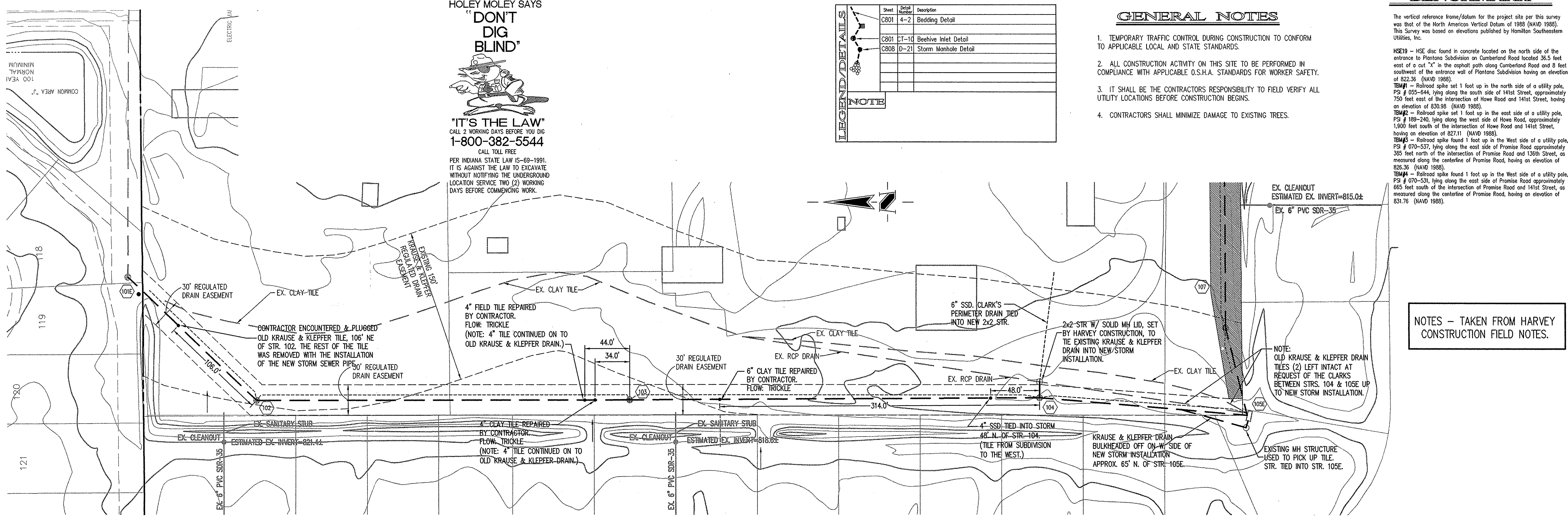
**Bond-LC No:** 3-973-299  
**Insured For:** Storm Sewers  
**Amount:** \$145,680.00  
**Issue Date:** October 22, 2007

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

Sincerely,

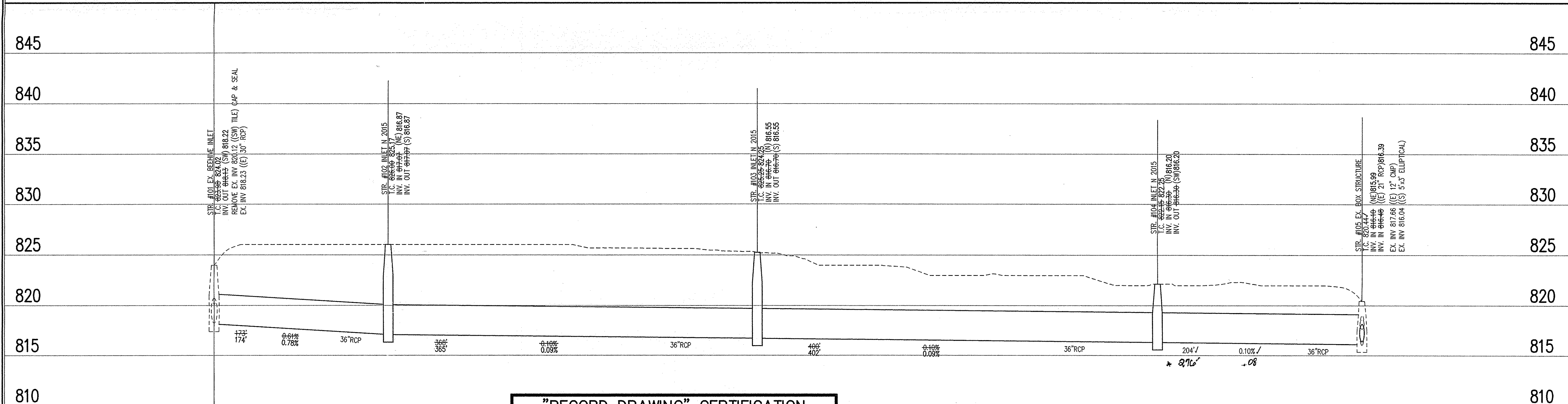
  
\_\_\_\_\_  
Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm



STORM SEWER PLAN

SCALE: 1"=50'



**"RECORD DRAWING" CERTIFICATION**

CERTIFIED BY: *Michael John Dammert*  
 THE SCHNEIDER CORPORATION  
 REPRESENTING ESTRIDGE DEVELOPMENT COMPANY, INC.

The Record Drawing information presented on this sheet was prepared under my direct supervision. I certify that to the best of my knowledge and belief all information represents constructed conditions as of the date of the certification.

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

STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
 No. 10100357  
 01/08/08

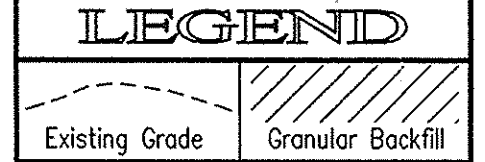
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: Feb 2010  
 Entered by: SLM

NOTE: ALL GRADES TO MEET EXISTING

**STORM SEWER AS-BUILTS**

STORM SEWER PROFILE

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



**BENCHMARK**

The vertical reference frame/datum for the project site per this survey was that of the North American Vertical Datum of 1988 (NAVD 1988). This Survey was based on elevations published by Hamilton Southeastern Utilities, Inc.

HSE19 - HSE disc found in concrete located on the north side of the entrance to Plantation Subdivision on Cumberland Road located 36.5 feet east of a cut "X" in the asphalt path along Cumberland Road and 8 feet southwest of the entrance wall of Plantation Subdivision having an elevation of 822.36 (NAVD 1988).

TM#1 - Railroad spike set 1 foot up in the north side of a utility pole, PSI # 005-44, lying along the south side of 141st Street, approximately 750 feet east of the intersection of Howe Road and 141st Street, having an elevation of 830.98 (NAVD 1988).

TM#2 - Railroad spike set 1 foot up in the east side of a utility pole, PSI # 189-240, lying along the west side of Howe Road, approximately 1,900 feet south of the intersection of Howe Road and 141st Street, having an elevation of 827.11 (NAVD 1988).

TM#3 - Railroad spike found 1 foot up in the West side of a utility pole, PSI # 070-537, lying along the east side of Promise Road approximately 365 feet north of the intersection of Promise Road and 136th Street, as measured along the centerline of Promise Road, having an elevation of 826.36 (NAVD 1988).

TM#4 - Railroad spike found 1 foot up in the West side of a utility pole, PSI # 070-531, lying along the east side of Promise Road approximately 665 feet south of the intersection of Promise Road and 141st Street, as measured along the centerline of Promise Road, having an elevation of 831.76 (NAVD 1988).

**NOTES - TAKEN FROM HARVEY CONSTRUCTION FIELD NOTES.**

NOTE: OLD KRAUSE & KLEPPER DRAIN TILES (2) LEFT INTACT AT REQUEST OF THE CLARKS BETWEEN STRS. 104 & 105E UP TO NEW STORM INSTALLATION.

NOTE: KRAUSE & KLEPPER DRAIN BULKHEADED OFF ON W. SIDE OF NEW STORM INSTALLATION APPROX. 65' N. OF STR-105E.

EXISTING MH STRUCTURE USED TO PICK UP TILE. STR. TIED INTO STR. 105E.

DATE: 05/22/07  
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**Schneider**

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 Historic Fort Harrison  
 8901 Otis Avenue  
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 Telephone: 317.826.7100  
 Fax: 317.826.7300  
 www.schneidercorp.com

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 Transportation Engineering

**OFFSITE KRAUSE & KLEPPER  
 REGULATED DRAIN RECONSTRUCTION**

FISHERS, INDIANA  
 ESTRIDGE DEVELOPMENT COMPANY, INC.  
 CARMEL, INDIANA

DATE: 12/14/06 PROJECT NO.: 4788.103  
 DRAWN BY: DCC CHECKED BY: JLF  
 SHEET TITLE: STORM SEWER PLAN AND PROFILE  
 DRAWING FILES:  
 R:\4\4788\103\DWG\C601  
 XREF: 4\4788\103\DWG\STORM  
 XREF: 4\4788\103\DWG\47880385  
 XREF: 4\4788\103\DWG\47880117  
 XREF: 4\4788\103\DWG\47880485  
 SHEET NO.: C601

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.

Sheet	Detail	Description
C801	4-2	Bedding Detail
C801	CT-10	Beehive Inlet Detail
C806	D-21	Storm Manhole Detail

GENERAL NOTES

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

BENCHMARK

The vertical reference frame/datum for the project site per this survey was that of the North American Vertical Datum of 1988 (NAVD 1988). This Survey was based on elevations published by Hamilton Southeastern Utilities, Inc.

HSE19 - HSE disc found in concrete located on the north side of the entrance to Plantona Subdivision on Cumberland Road located 36.5 feet east of a cut "X" in the asphalt path along Cumberland Road and 8 feet southwest of the entrance wall of Plantona Subdivision having an elevation of 822.36 (NAVD 1988).

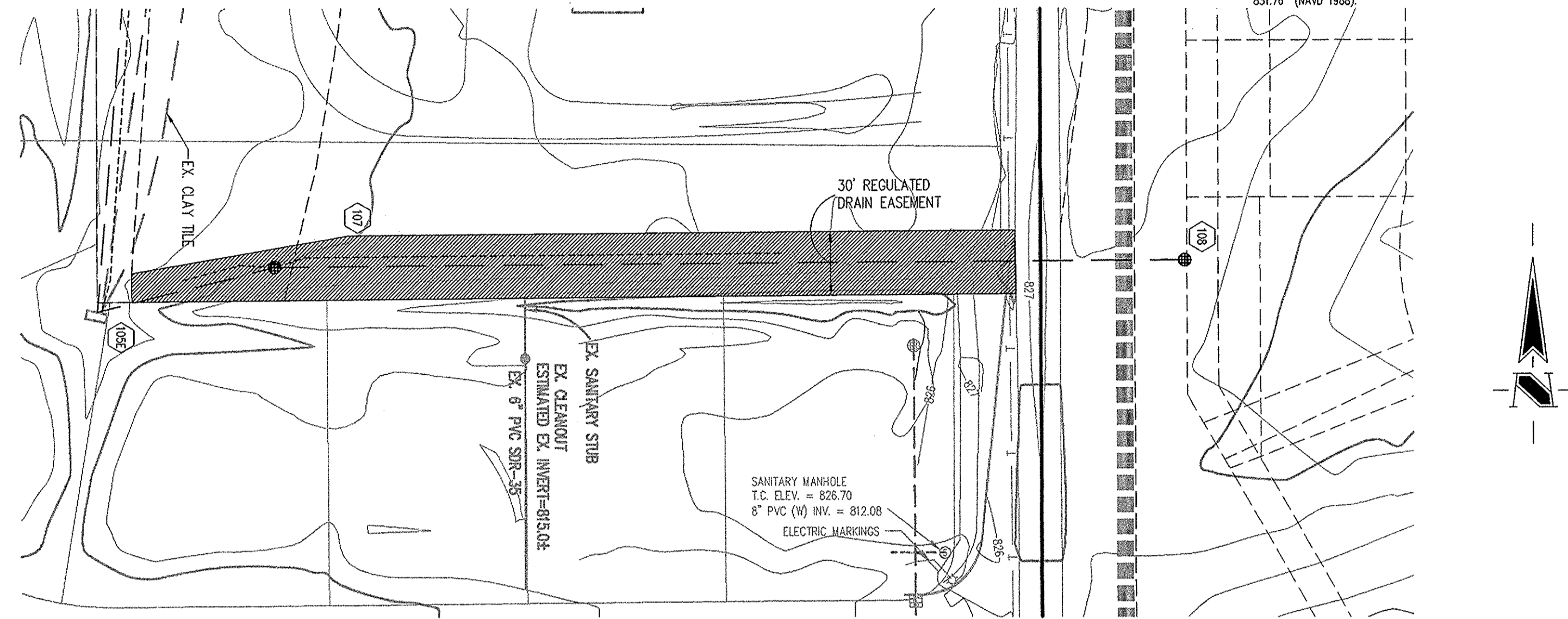
TBM1 - Railroad spike set 1 foot up in the north side of a utility pole, PS # 055-544, lying along the south side of 141st Street, approximately 750 feet east of the intersection of Howe Road and 141st Street, having an elevation of 830.98 (NAVD 1988).

TBM2 - Railroad spike set 1 foot up in the east side of a utility pole, PS # 103-240, lying along the west side of Howe Road approximately 1,900 feet south of the intersection of Howe Road and 141st Street, having an elevation of 827.11 (NAVD 1988).

TBM3 - Railroad spike found 1 foot up in the West side of a utility pole, PS # 070-537, lying along the east side of Promise Road approximately 385 feet north of the intersection of Promise Road and 136th Street, as measured along the centerline of Promise Road, having an elevation of 826.36 (NAVD 1988).

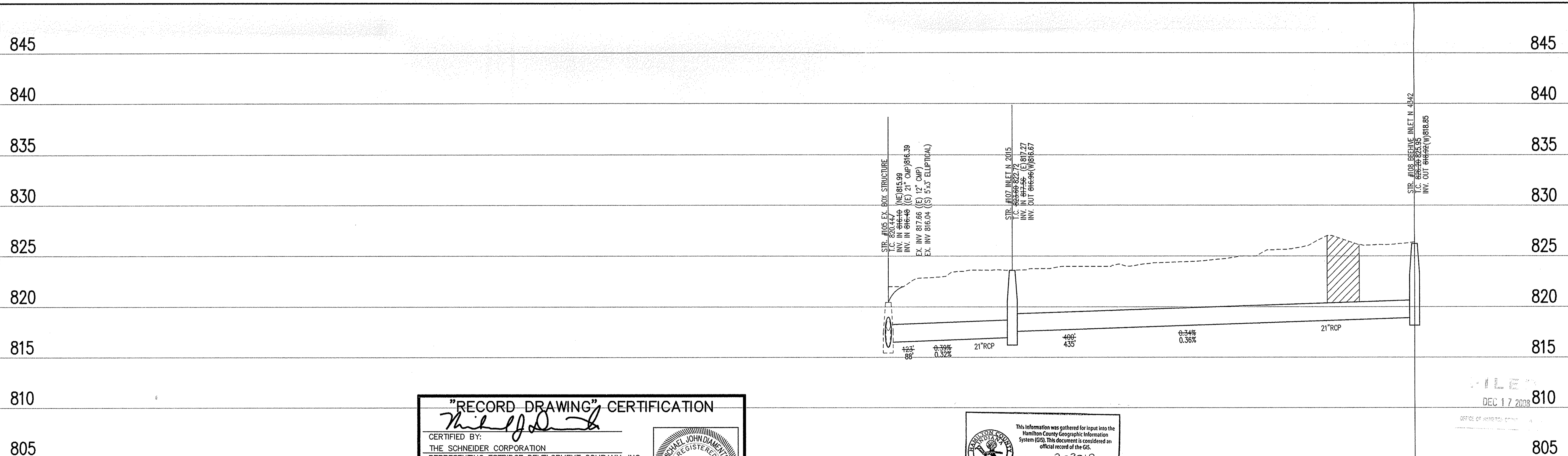
TBM4 - Railroad spike found 1 foot up in the West side of a utility pole, PS # 070-531, lying along the east side of Promise Road approximately 665 feet south of the intersection of Promise Road and 141st Street, as measured along the centerline of Promise Road, having an elevation of 831.76 (NAVD 1988).

REVISIONS:  
 1. PRC 04/09/07 REVISED PER COMMENTS FROM CLIENT.  
 2. PRC 05/22/07 REVISED TO SPECIFY CASING TYPES.



STORM SEWER PLAN

SCALE: 1"=50'



"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: *Michelle Johnson*

THE SCHNEIDER CORPORATION  
 REPRESENTING ESTRIDGE DEVELOPMENT COMPANY, INC.

No. 10100357  
 STATE OF INDIANA  
 REGISTERED PROFESSIONAL ENGINEER

01/08/08

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

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

Entry Date: 2-2010

Entered By: SLM

NOTE: ALL GRADES TO MEET EXISTING

STORM SEWER AS-BUILTS

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

LEGEND	
	Existing Grade
	Granular Backfill

DATE: 05/22/07  
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 Landscape Architecture  
 Transportation Engineering

OFFSITE KRAUSE & KLEFFER  
 REGULATED DRAIN RECONSTRUCTION  
 FISHERS, INDIANA  
 ESTRIDGE DEVELOPMENT COMPANY, INC.  
 CARMEL, INDIANA

DATE: 12/14/06	PROJECT NO.: 4788.103
DRAWN BY: DCC	CHECKED BY: JLF
SHEET TITLE: STORM SEWER PLAN AND PROFILE	
DRAWING FILES: R:\4\4788\103\DWGS\CR01 XREF: 4\4788\103\DWGS\STORM XREF: 4\4788\103\DWGS\478801B2S XREF: 4\4788\103\DWGS\478801T XREF: 4\4788\103\DWGS\478801B4S	

SHEET NO.: C602

STORM SEWER PROFILE