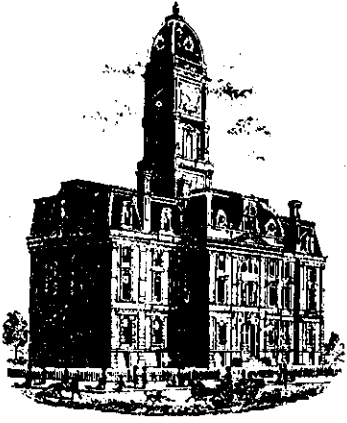


Drain: TREMONT DRAIN Drain #: 227
Improvement/Arm: TREMONT - SECTION 2
Operator: JDH Date: 7-28-04
Drain Classification: Urban/Rural Year Installed: 1996

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH
- Digitize & Attribute SSD JDH
- 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 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

September 6, 1996

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Tremont Drain, Section 2 Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the Section 2 Arm-Tremont 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:

SSD	4,177 feet	21" RCP	647 feet
12" RCP	379 feet		
15" RCP	867 feet		
18" RCP	142 feet		

The total length of the drain will be 6,212 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines which are located within the Right of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. I also believe that no damages will result to
Page #2

landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this section will be \$ 1146³⁰.

Parcels assessed for this drain may be assessed for the Mud Creek Drain 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 the Board also approved the 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 Tremont, Section 2, as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for October 1996.

Kenton C. Ward
Hamilton County Surveyor
KCW/no

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Tremont Section 2

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 comformity with all plans and specifications .

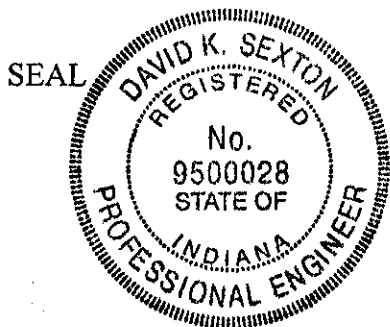
Signature:  Date: 7-3-97

Type or Print Name: David K. Sexton, P.E.

Business Address: Schneider Engineering Corporation

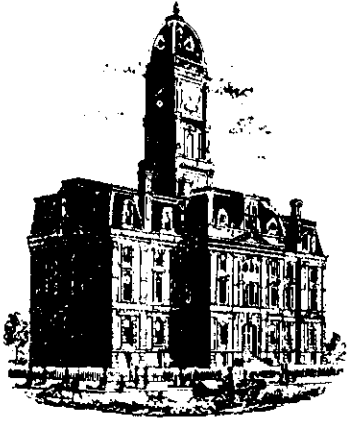
12726 Hamilton Crossing Blvd., Carmel, IN 46032

Telephone Number: 574-3797



INDIANA REGISTRATION NUMBER

9500028



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

August 21, 1997

To: Hamilton County Drainage Board

Re: Tremont Drain - Sec. 2 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Tremont Sec. 2. 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 September 6, 1996. The changes are as follows:

Str. 614-602 15"RCP lengthened from 230' feet to 231' feet.

Str. 603-602 12"RCP shortened from 193' feet to 192' feet.

Str. 611-612 21"RCP shortened from 135' feet to 132' feet.

Str. 606-607 21"RCP lengthened from 234' feet to 235' feet.

Str. 607-608 18"RCP shortened from 142' feet to 141' feet.

The length of the drain due to the changes described above is now **6,209 feet**.

The non-enforcement was approved by the Board at its meeting on October 28, 1996 and recorded under instrument #9709733315.

The bond or letter of credit from First Community Bank & Trust, number 016; dated August 20, 1996; in the amount of \$175,462.30; was released July 14, 1997.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Project: Tremont Sec. 2

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

Str. 6015	808.81	804.96				
Str. 6014	813.38	804.08	15"	165'		
Str. 6014	813.38	804.08				
Str. 602	809.78	803.13	15"	231'	From 230'	✓
Str. 605	815.44	812.21				
Str. 604	815.34	811.99	12"	26'		
Str. 604	815.31	811.99				
Str. 603	816.55	810.90	12"	162'		
Str. 603	816.55	810.90				
Str. 602	809.76	806.73	12"	192'	From 193'	✓
Str. 602	809.76	803.13				
Str. 616	-	798.39	15"	230'		
Ex. MH	816.88	811.26				
Str. 601	814.62	811.90	15"	188'		
Str. 610	817.44	813.00				
Str. 611	819.09	814.64	21"	118'		
Str. 611	819.09	814.64				
Str. 612	-	816.08	21"	132'	From 135'	

6" SSD Streets:

Total: _____

RCP Pipe Totals:

6" SSD Lots:

Total: _____

Other Drain:

Total Length of Drain: _____

TREMONT SECTION 2

(CONSTRUCTION PLANS)

**FALL CREEK TOWNSHIP
HAMILTON COUNTY, INDIANA**
DEVELOPER:

DANIEL R. NICHOLS AND ASSOC.
6283 WHITETAIL RUN
GREENWOOD, INDIANA 46143
(317) 865-9100

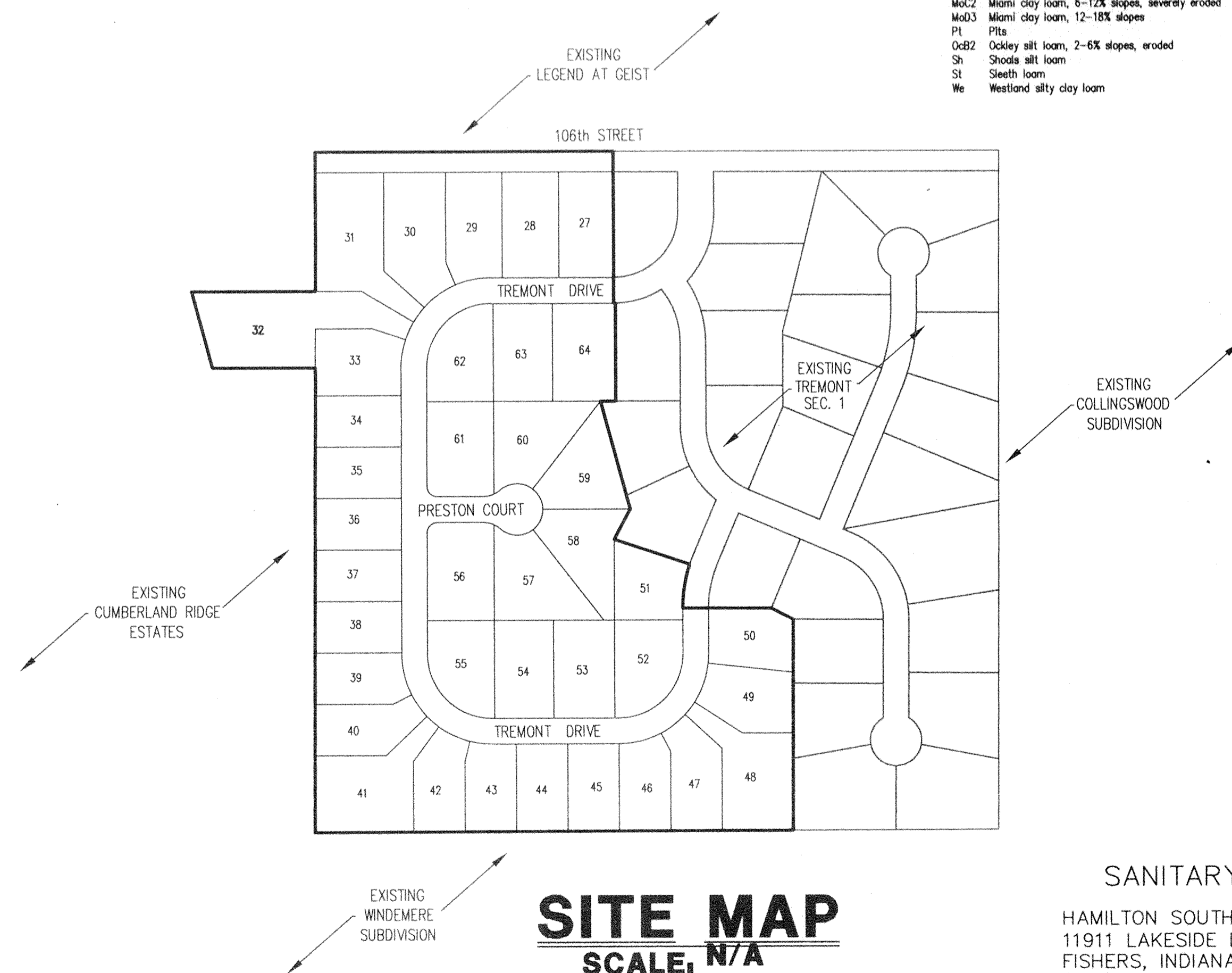
Engineer:

SCHNEIDER ENGINEERING CORP.
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
(317) 898-8282 FAX (317) 899-8010

AREA MAP
NOT TO SCALE

SOILS MAP
NOT TO SCALE

SOILS LEGEND:
FxA Fox Loam, 0-2% slopes
FxBz Fox Loam, 2-6% slopes, eroded
Hsf Heavy silt loam, 18 to 50% slopes
MmA Miami silt loam, 0-2% slopes
MmBz Miami silt loam, 2-6% slopes, eroded
MmDz Miami silt loam, 12-18% slopes, eroded
MoCz Miami clay loam, 6-12% slopes, severely eroded
MoDz Miami clay loam, 12-18% slopes
Pt Pits
OzBz Oakley silt loam, 2-6% slopes, eroded
Sh Shoals silt loam
St Sleeth loam
We Westland silty clay loam



SITE MAP
SCALE: N/A

SANITARY SEWERS:
HAMILTON SOUTHEASTERN UTILITIES
11911 LAKESIDE DRIVE
FISHERS, INDIANA 46038
(317) 577-2300

INDEX	
SHEET No.	DESCRIPTION
CS	COVER SHEET
C101	SITE DEVELOPMENT PLAN
C102	EROSION CONTROL PLAN
C103	EROSION CONTROL DETAILS & SPECS.
C201-C202	STREET PLAN & PROFILES
C401	SANITARY SEWER PLAN & PROFILES
C601-C602	STORM SEWER PLAN & PROFILES
C701-C702	WATER PLANS
C801-C802	GENERAL DETAILS
C901	GENERAL SPECIFICATIONS
C902	H.S.E. DETAILS
C903	H.S.E. SPECIFICATIONS

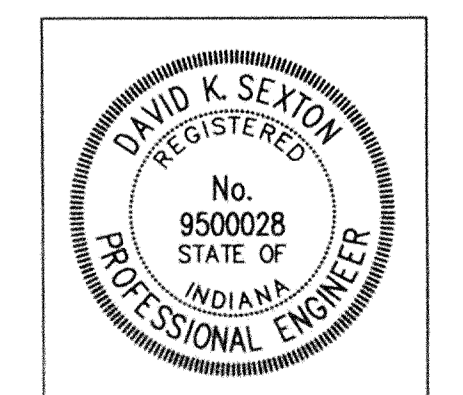


**Schneider
Engineering
Corporation**

3020 North Post Road
Indianapolis, Indiana
46226-0068
317-898-8282
317-899-8010 Fax

Engineering
Surveying
GIS • LIS
Geology

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David K. Sexton
CERTIFIED BY: DAVID K. SEXTON

DATE: 6-23-97

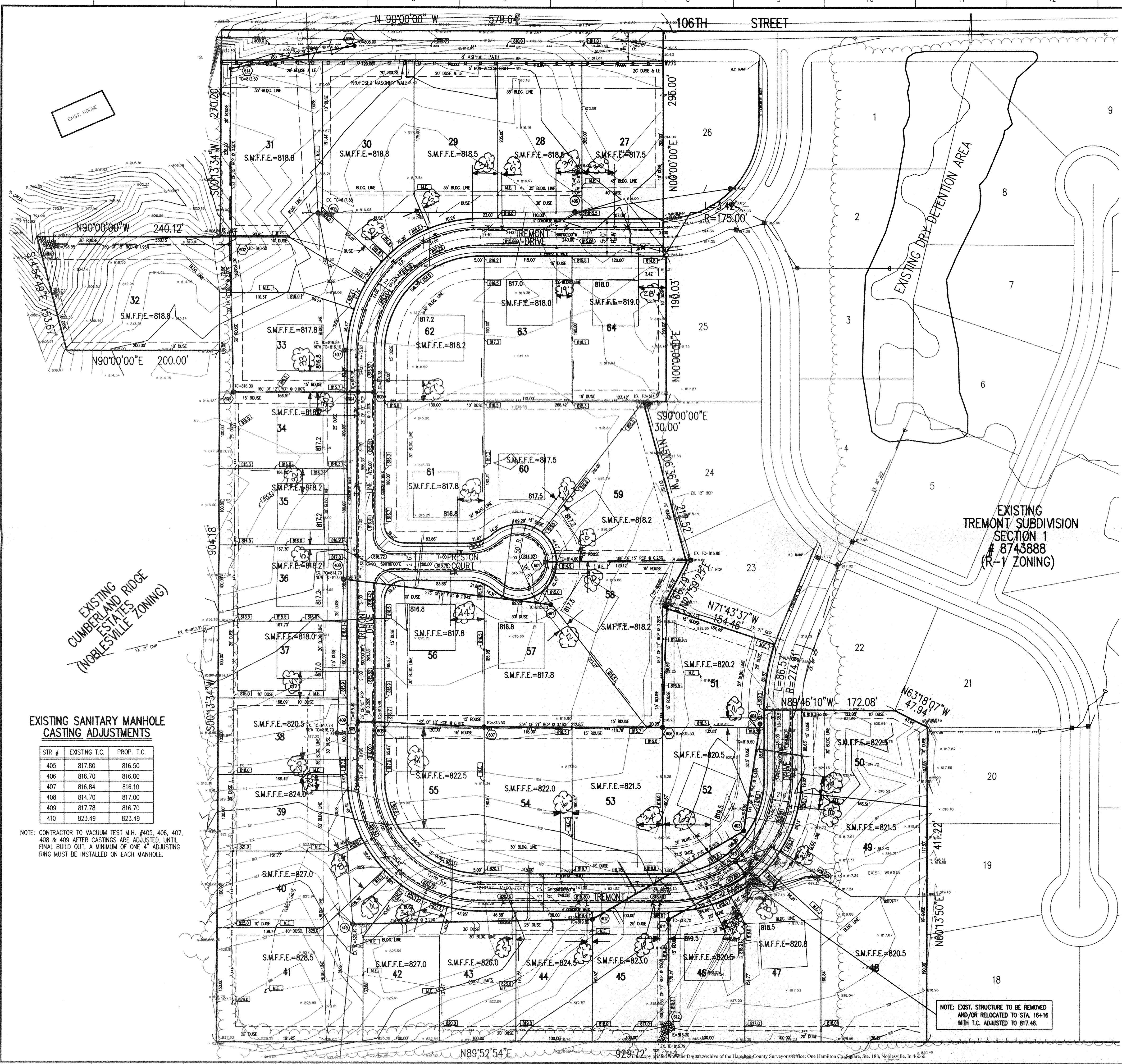
ASBUILT STORM SEWERS

FILED
JUL 25 1997
OFFICE OF HAMILTON COUNTY SURVEYOR

PROJECT MANAGER: DKS

CHECKED BY: _____ DATE CHECKED: _____

(JOB No. 1084)



HOLEY MOLEY SAYS "DON'T DIG BLIND"

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CALL TOLL FREE
1-800-428-5200

PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND WORKING DAYS BEFORE COMMENCING WORK.

- GENERAL NOTES:
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
 - IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
 - STANDARD SPECIFICATIONS FOR THE TOWN OF FISHERS INDIANA SHALL APPLY FOR ALL SANITARY SEWERS AND STORM 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.
 - 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 TILES CROSS PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE.
 - DRIVEWAYS FOR LOTS 33,36,38,40 & 52 CANNOT BE CONSTRUCTED ON OR WITHIN ONE (1) FOOT HORIZONTAL DISTANCE OF SANITARY SEWER CASTINGS.
- ASSUMED NORTH SCALE: 1"=60'
- LEGEND**
- Existing Storm Sewer
 - New Storm Sewer
 - Existing Sanitary Sewer
 - New Sanitary Sewer
 - Existing Contour
 - Existing Elevation
 - New Pavement Elevation
 - All Other Finish Elevations
 - Storm Structure Number
 - Sanitary Structure Number
 - Flow Arrow
 - Denotes Elevation and Approximate Pad Size
 - Subsurface Drain w/4" Lateral Connection
 - Swale (E)
 - S.M.F.F.E.=000.0 Suggested Minimum Finish Floor Elev.

EXISTING LATERAL TABLE

LOT #	WYE STA.	OFFSET	LT/RT
27	0+71	13'	RT
28	2+71	13'	RT
29	1+56	13'	RT
30	0+49	13'	RT
32	1+03	7'	LT
33	0+53	9'	LT
34	1+44	7'	LT
35	2+44	6'	LT
36	0+57	7'	LT
37	1+57	6'	LT
38	0+54	6'	LT
39	1+43	8'	LT
41	0+30	4'	LT
62	1+54	70'	LT
63	2+73	78'	LT
64	0+70	67'	LT

NOTE: STATIONS ARE FROM NEAREST DOWNSTREAM MANHOLE
NOTE: EXISTING WYE & LATERAL INFORMATION WAS PROVIDED FROM RECORD DRAWINGS PREPARED BY FALCON ENGINEERING, INC. AND FRANKLIN ENGINEERING.

STORM SEWER TABLE

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE
601	7+50.62	A	238.00'	LT	INLET
602	4+15.22	A	206.78'	RT	E.S.
603	5+28.48	A	173.00'	RT	MANHOLE
604	5+28.48	A	13.00'	RT	INLET
605	5+28.48	A	13.00'	LT	INLET
606	9+66.28	A	388.78'	LT	BEEHIVE
607	9+66.28	A	155.00'	LT	BEEHIVE
608	9+59.69	A	13.00'	LT	INLET
609	9+59.69	A	13.00'	RT	INLET
610	16+15.82	A	13.00'	RT	INLET
611	15+14.15	A	35.00'	RT	MANHOLE
612	15+14.15	A	170.00'	LT	E.S.
613	16+15.82	A	13.00'	RT	INLET
614	3+48.68	A	343.86'	RT	MANHOLE
615	2+98.73	A	282.74'	RT	BEEHIVE
616	4+38.81	A	425.49'	RT	E.S.

EXISTING SANITARY MANHOLE CASTING ADJUSTMENTS

STR #	EXISTING T.C.	PROP. T.C.
405	817.80	816.50
406	816.70	816.00
407	816.84	816.10
408	814.70	817.00
409	817.78	816.70
410	823.49	823.49

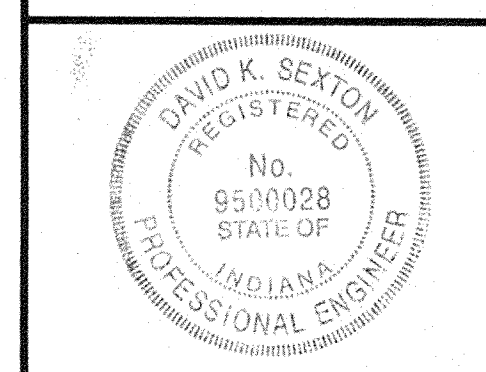
NOTE: CONTRACTOR TO VACUUM TEST M.H. #405, 406, 407, 408 & 409 AFTER CASTINGS ARE ADJUSTED. UNTIL FINAL BUILD OUT, A MINIMUM OF ONE 4" ADJUSTING RING MUST BE INSTALLED ON EACH MANHOLE.

NOTE: EXIST. STRUCTURE TO BE REMOVED AND/OR RELOCATED TO STA. 16+16 WITH T.C. ADJUSTED TO 817.46.

ASBUILT SUBSURFACE

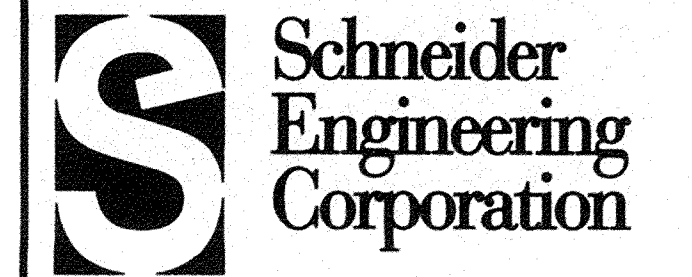
Benchmark
Disk set at top of concrete post stamped "J 237 1947" N.G.S. (NAVD 88)
Located at the S.E. corner of 106th St. and Lantern Rd.
Elevation = 816.15

Revisions
4-3-96 REVISED PER T.A.C. COMMENTS B.E.T.
6-25-96 REVISED PER H.S.E. COMMENTS B.E.T.
7-16-96 REVISED PER H.S.E. COMMENTS B.E.T.
7-23-96 REVISED EASEMENT ON LOT 41 B.E.T.



CERTIFIED BY: *David K. Sexton* 7-1-97

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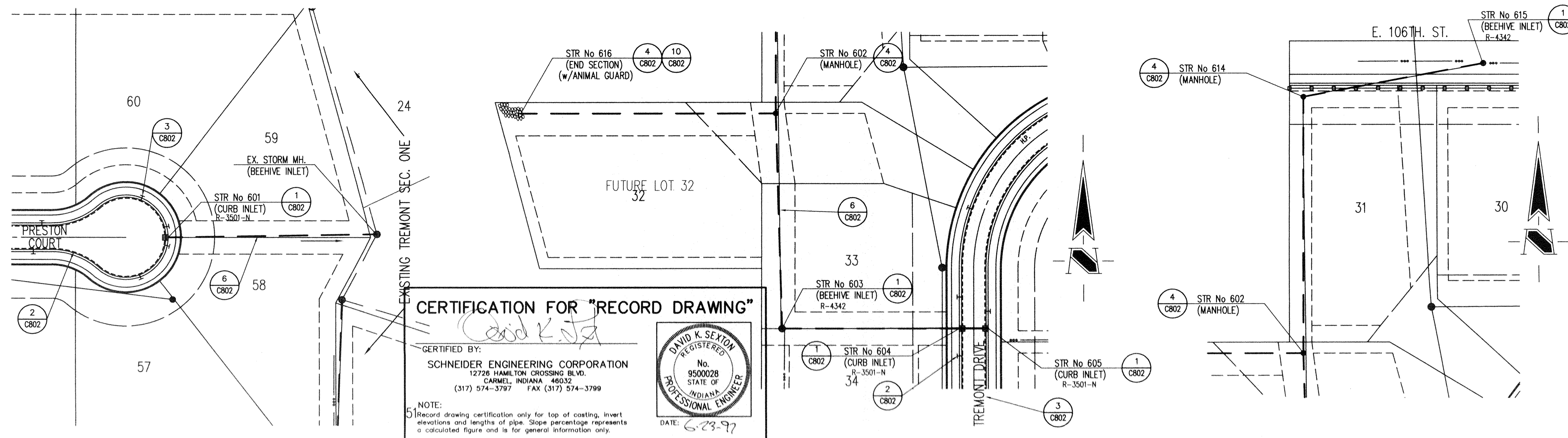
3020 North Post Road Engineering
Indianapolis, Indiana Surveying
46226-0068 GIS + LIS
317-898-8282 Geology
317-899-8010 Fax

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DANIEL R. NICHOLS AND ASSOC.
TREMONT SECTION 2
FISHERS, INDIANA

SITE DEVELOPMENT PLAN

Date	3-1-96	Project No.	1084	Drawn	FILED	Apprv.	
Computer Files	1084C101	Sheet	02	1997			
REF - 1084PL 1084TPO	GEO. OF HAMILTON COUNTY SURVEYOR						



GENERAL NOTES:

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

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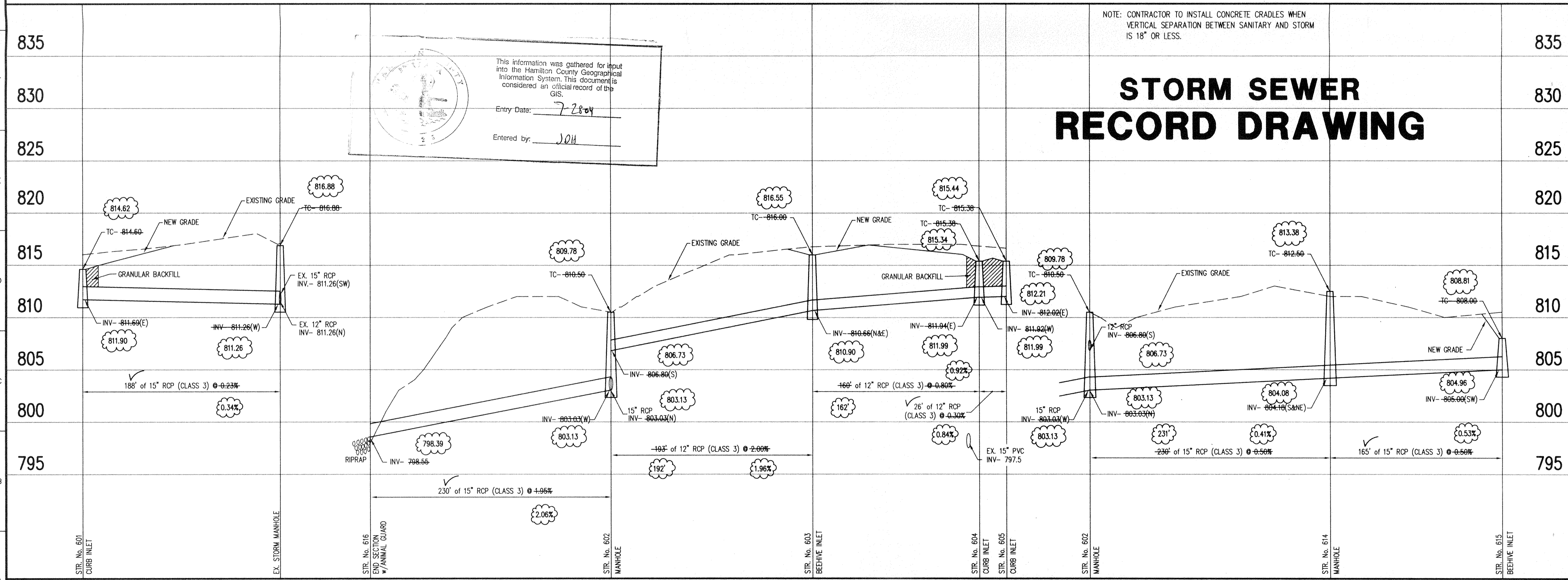
PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

Benchmark
Disk set at top of concrete post stamped "J 237 1947" N.G.S. (NAVD 88)
Located at the S.E. corner of 106th. St. and Lantern Rd.
Elevation = 816.15

Revisions
4-3-96 REVISED PER T.A.C. COMMENTS B.E.T.
6-20-97 RECORD DRAWING D.R.P.

STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

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: 7-28-04
Entered by: JCH

STORM SEWER RECORD DRAWING

CERTIFIED BY: _____

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Schneider Engineering Corporation

3020 North Post Road
Indianapolis, Indiana 46226-0068
317-898-8282
317-899-8010 Fax

Engineering
Surveying
Landscape Architecture
GIS + LIS
Geology

A Partnered Entity with Bohlen, Meyer, Gibson & Associates, Incorporated

DANIEL R. NICHOLS AND ASSOC. TREMONT SECTION 2 FISHERS, INDIANA			
STORM SEWER PLAN & PROFILE			
Date	Project No.	Drawn	Apprv.
3-1-96	1084	DTR	LED
Computer Files	Sheet No.	Date	
1084C501 XREF J:\1084\DWG\1084P.L		02 1997	

