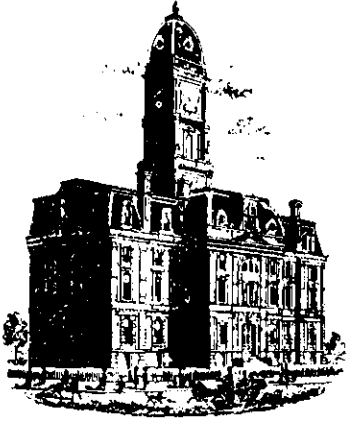


Drain: SPRINGMILL VILLAGES DRAIN **Drain #:** 268
Improvement/Arm: THE MEADOWS - SECTION 3B
Operator: JPH **Date:** 5-19-04
Drain Classification: Urban/Rural **Year Installed:** 1998

GIS Drain Input Checklist

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



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

February 20, 1998

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Springmill Villages Drain-The Meadows Section 3^B Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the The Meadows Section 3 Arm, Springmill Villages 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:

6" SSD	752 ft
12" RCP	200 ft
15" RCP	28 ft
18" RCP	136 ft.

The total length of the drain will be 1,116 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.

Page #2

I have reviewed the plans and believe the drain will benefit each lot equally. I also believe that no damages will result to 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 ~~\$270.00.~~
\$510.00

Parcels assessed for this drain may be assessed for the Overman-Harvey Drain and or Village Farms 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 easement widths as shown on the secondary plat for the The Meadows-Section 3 Arm Springmill Villages Drain, as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for March, 1998.

Kenton C. Ward
Hamilton County Surveyor
KCW/no

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Meadows at Spring Mill Villages Section 3B

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 .

Signature: David K. Sexton Date: January 12, 1998

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

Business Address: The Schneider Corporation
12726 Hamilton Crossing Blvd.
Carmel, IN 46032

Telephone Number: 317-574-3797

SEAL



INDIANA REGISTRATION NUMBER

9500028

FILED

JAN 13 1998

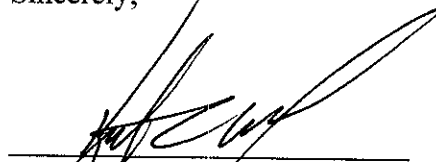
OFFICE OF HAMILTON COUNTY SURVEYOR

The length of the drain due to the changes described above is now **1,865 feet**.

The non-enforcement was approved by the Board at its meeting on March 23, 1998.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

THE MEADOWS AT SPRINGMILL VILLAGES SECTION 3

WASHINGTON TOWNSHIP
HAMILTON COUNTY, INDIANA

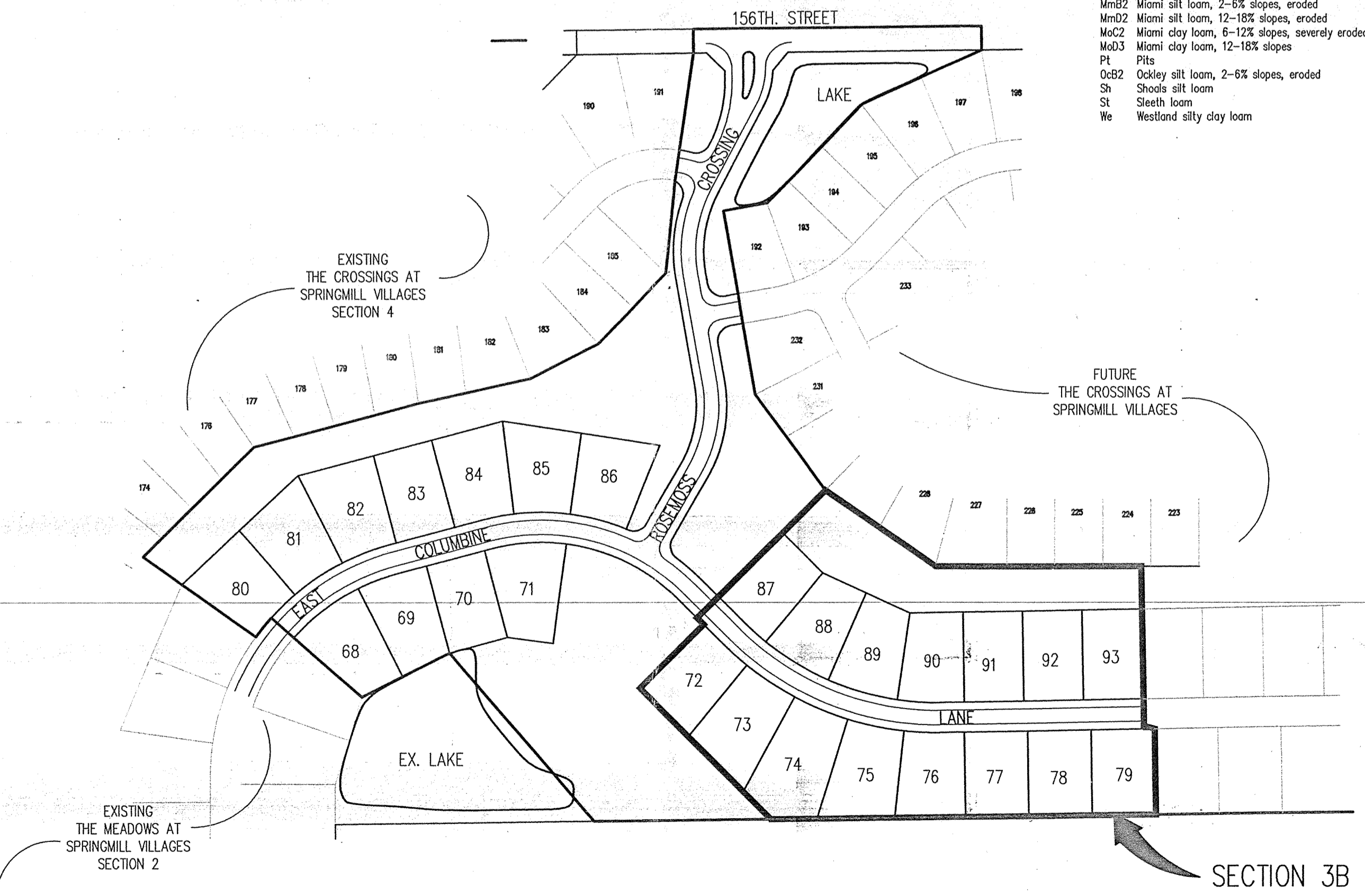
DEVELOPER:
BRENWICK DEVELOPMENT CO., INC.
12722 HAMILTON CROSSING BLVD.
CARMEL, INDIANA 46032
(317) 574-3400

Engineer:
SCHNEIDER ENGINEERING CORP.
12726 HAMILTON CROSSING BLVD.
CARMEL, INDIANA 46032
(317) 574-3797 FAX (317) 574-3799

AREA MAP
NOT TO SCALE

SOILS MAP
NOT TO SCALE

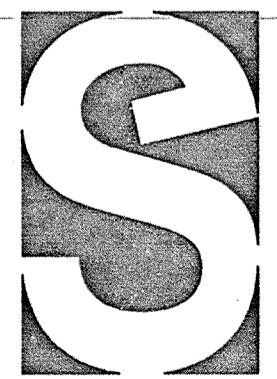
SOILS LEGEND:
FxA Fox loam, 0-2% slopes
FxB Fox loam, 2-5% slopes, eroded
HxF Hempsin loam, 18 to 50% slopes
MmA Miami silt loam, 0-2% slopes
MmB2 Miami silt loam, 2-5% slopes, eroded
MmC2 Miami silt loam, 12-18% slopes, eroded
MmD3 Miami clay loam, 5-12% slopes, severely eroded
MmD3 Miami clay loam, 12-18% slopes
Pt Pits
Ocb2 Oakley silt loam, 2-5% slopes, eroded
Sh Shoals silt loam
St Steeth loam
We Westland silty clay loam



SITE MAP
SCALE: N/A

INDEX	
SHEET No.	DESCRIPTION
S-1	TITLE SHEET
S-2	DEVELOPMENT PLAN RECORD DRAWING
S-16	STORM SEWER RECORD DRAWING

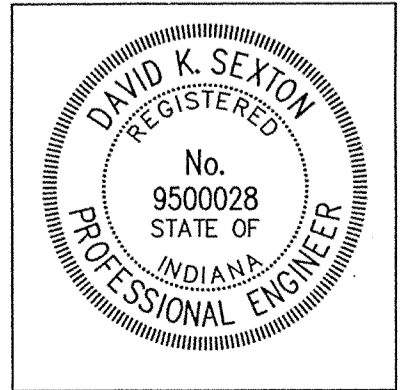
**PAD & SWALE GRADES
SUB-SURFACE DRAIN
STORM SEWER
RECORD DRAWING**
 SLN 12/16/98



**Schneider
Engineering
Corporation**

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

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



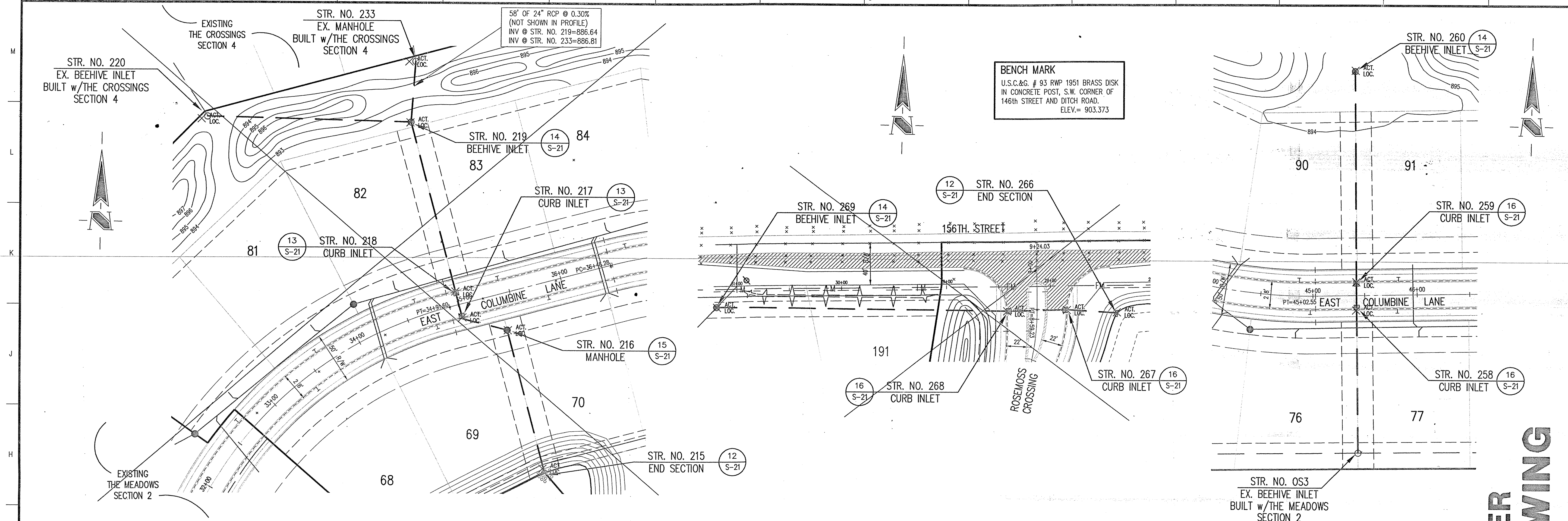
CERTIFIED BY: *David K. Sexton*
DAVID K. SEXTON

DATE: 1/12/98

PROJECT MANAGER: DKS
CHECKED BY: _____ DATE CHECKED: _____

J:\895\DWGS\13\TIT-ASBI.DWG
(JOB No.895.13)

SHEET
S-1
OF
3



HOLEY MOLEY SAYS
"DON'T DIG BLIND"

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 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 NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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

STORM SEWER PLAN

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *David K. Sexton*

SCHNEIDER ENGINEERING CORPORATION
 12726 HAMILTON CROSSING BLVD.
 CARMEL, INDIANA 46032
 (317) 574-3797 FAX (317) 574-3799

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: 1/12/98

DAVID K. SEXTON
 REGISTERED PROFESSIONAL ENGINEER
 No. 9500028
 STATE OF INDIANA

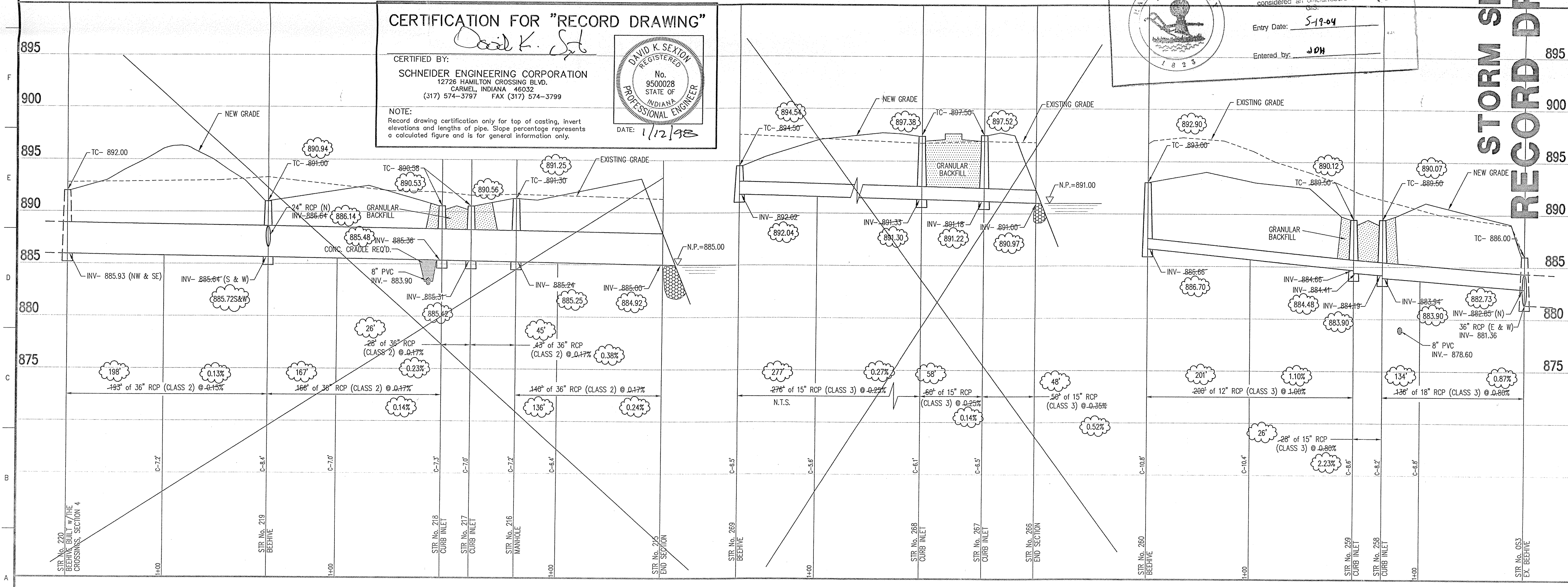
HAMILTON COUNTY INDIANA

This information was gathered for input into the Hamilton County Geographical Information System. Documents considered an official record of the City.

Entry Date: 5-19-04
 Entered by: JDN

SCALE: 1"=50'

STORM SEWER RECORD DRAWING



STORM SEWER PROFILE

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

Revisions
 3-23-95 REVISED PER TAC COMMENTS BET
 12-13-95 STORM SEWER "RECORD DRAWING" B.E.T.
 01-07-98 REVISED RECORD DRAWING-TC'S FOR STR. # 259 & 258 DCC

CERTIFIED BY: _____
 NOT PUBLISHED
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Schneider Engineering Corporation

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

Engineering Surveying GIS • LIS Geology

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

BRENWICK DEVELOPMENT CO. INC.
 THE MEADOWS SECTION 3
 AT SPRINGMILL VILLAGES

STORM PLAN AND PROFILE

Date	Project No.	Drawn	Approv.
1/25/95	895.13	BGG	

Computer Files	Sheet No.
J:\895\DWG\13\89513SM2.DWG XREF: 89513D1	S-16

SNR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC
215	35+38.69	A	175.00'	RT	END SECTION	
216	35+40.14	A	35.39'	RT	MANHOLE	891.30
217	35+00.84	A	14.00'	RT	CURB INLET	890.58
218	35+00.84	A	14.00'	LT	CURB INLET	890.58
219	35+00.84	A	180.00'	LT	BEEHIVE	891.00
240	6+66.95	B	53.06'	RT	END SECTION	
241	6+66.95	B	30.00'	RT	MANHOLE	896.50
242	5+50.00	C	40.00'	RT	MANHOLE	899.00
243	0+50.00	C	14.00'	LT	CURB INLET	895.00
244	0+50.00	C	14.00'	RT	CURB INLET	895.00
245	3+00.00	B	67.24'	RT	BEEHIVE	894.50
246	3+00.00	B	14.00'	RT	CURB INLET	895.00
247	3+00.00	B	14.00'	LT	CURB INLET	895.00
254	6+66.95	B	14.12'	RT	CURB INLET	895.88
255	17+84.47	D	14.00'	LT	CURB INLET	895.00
256	17+84.47	D	14.00'	RT	CURB INLET	895.00
257	2+08.49	B	171.68'	RT	BEEHIVE	893.70
258	45+42.16	A	14.00'	RT	CURB INLET	889.50
259	45+42.16	A	14.00'	LT	CURB INLET	889.50
260	45+43.81	A	213.19'	LT	BEEHIVE	893.00
266	8+58.53	B	77.68'	RT	END SEC.	
267	8+58.53	B	30.00'	RT	CURB INLET	897.50
268	8+57.84	B	30.00'	LT	CURB INLET	897.50
269	8+84.03	B	286.59'	LT	BEEHIVE	894.50

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC
LS1	60+07.90	A	205.74'	RT	LIFT STATION	887.50
119	58+34.12	A	180.02'	RT	MANHOLE	884.00
120	59+38.88	A	40.00'	RT	MANHOLE	888.30
121	56+67.89	A	40.10'	RT	MANHOLE	883.30
122	54+67.77	A	32.29'	RT	MANHOLE	891.50
123	50+70.84	A	30.00'	RT	MANHOLE	892.40
124	47+55.01	A	30.00'	RT	MANHOLE	892.80
125	44+43.47	A	35.00'	RT	MANHOLE	891.40
126	41+69.11	A	35.00'	LT	MANHOLE	896.80
127	38+79.29	A	45.00'	LT	MANHOLE	897.50
128	36+97.62	A	35.00'	LT	MANHOLE	894.20
129	34+11.35	A	35.00'	LT	MANHOLE	881.70
130	32+32.66	A	40.00'	LT	MANHOLE	892.90

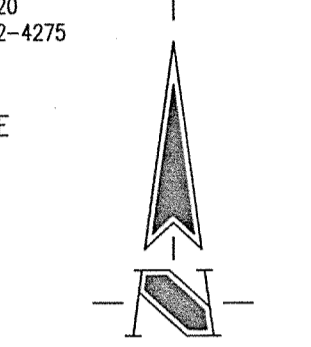
ELECTRIC
P&S ENERGY
P.O. BOX 876
CARMEL, IN 46032
MARK LA BARR 581-3041

PHONE
AMERITECH
5858 N. COLLEGE AVE.
INDIANAPOLIS, IN 46220
JANE MESSENGER 422-4275

SANITARY SEWERS AND WATER
HAMILTON WESTERN UTILITIES
1350 GREYHOUND PASS
CARMEL, IN 46032
ACT
BEAU WILFONG 848-8882

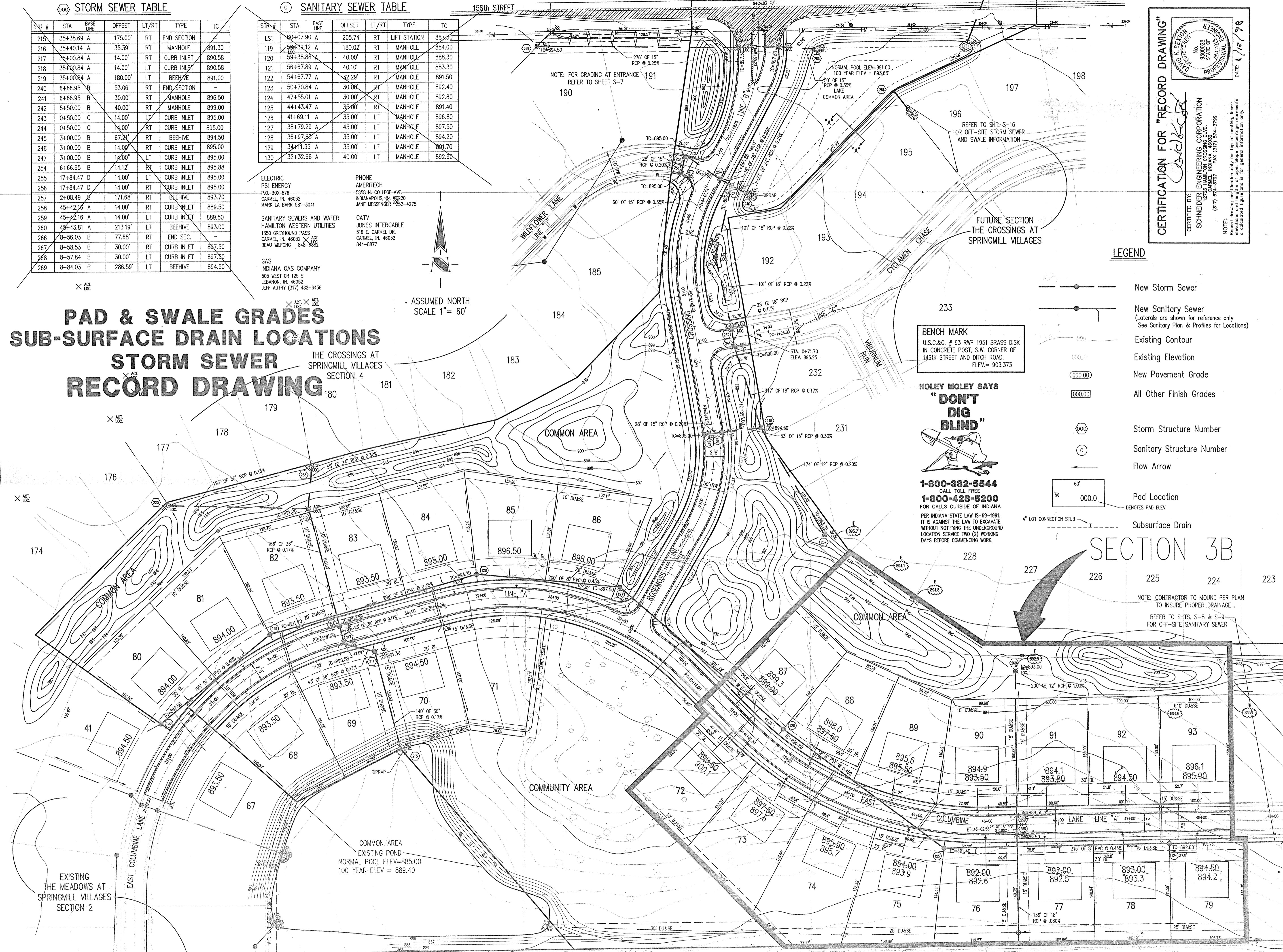
CATV
JONES INTERCABLE
516 E. CARMEL DR.
CARMEL, IN 46032
844-8877

GAS
INDIANA GAS COMPANY
505 WEST OR 125 S
LEBANON, IN 46052
JEFF AURY (317) 482-6456



PAD & SWALE GRADES SUB-SURFACE DRAIN LOCATIONS STORM SEWER RECORD DRAWING

THE CROSSINGS AT
SPRINGMILL VILLAGES
SECTION 4



CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *[Signature]*
SCHNEIDER ENGINEERING CORPORATION
12700 N. STATE ST. SUITE 200
CARMEL, INDIANA 46032
(317) 514-3787 FAX (317) 514-3789

NOTE: I hereby certify that the drawings, specifications, and notes hereon were prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer in the State of Indiana.

LEGEND

- New Storm Sewer
- New Sanitary Sewer
(Laterals are shown for reference only
See Sanitary Plan & Profiles for Locations)
- Existing Contour
- Existing Elevation
- New Pavement Grade
- All Other Finish Grades
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Pad Location
DENOTES PAD ELEV.
- Subsurface Drain

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DIG
BLIND"**

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1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA
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.

SECTION 3B

NOTE: CONTRACTOR TO MOUND PER PLAN
TO INSURE PROPER DRAINAGE.
REFER TO SHTS. S-8 & S-9
FOR OFF-SITE SANITARY SEWER

- 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 SHALL APPLY FOR ALL SANITARY SEWERS.
 - ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
 - THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
 - SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4" IN WIDTH. IF SIDEWALK IS TO BE PART OF THE HOME DRIVEWAY THAN 6" THICKNESS IS REQUIRED.
 - 4' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
 - 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.

Revisions
01/07/98 DEC. RECORD DRAWING

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Schneider Engineering Corporation

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

Engineering
Surveying
GIS & LIS
Geology

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

BRENWICK DEVELOPMENT CO. INC.
THE MEADOWS SECTION 3
AT SPRINGMILL VILLAGES

SITE DEVELOPMENT PLAN

Date 1/25/95	Project No. 895.13	Drawn GSD	Approved [Signature]
Computer Files S:\895\DWG\S13\8951302.DWG XREF: 8951301.DWG	Sheet No. S-2		