

**Drain:** CROOKED CREEK **Drain #:** 250  
**Improvement/Arm:** ASHBROOKE - SECTION 4  
**Operator:** JDH **Date:** 11-25-03  
**Drain Classification:** Urban/Rural **Year Installed:** 1995

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JJA 11-25
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JJA 11-25
- Digitize & Attribute SSD JJA 11-25
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JJA 11-25
- Sum drain lengths & Validate JJA 11-25
- Enter Improvements into Posse JJA 11-25
- Enter Drain Age into Posse \_\_\_\_\_
- Sum drain length for Watershed in Posse \_\_\_\_\_
- Check Database entries for errors JJA 11-25



STATE OF INDIANA )  
 ) SS:  
COUNTY OF HAMILTON )

TO: Hamilton County Drainage Board, Noblesville, Indiana  
% County Surveyor, Courthouse, Noblesville, Indiana

In the matter of Ashbrooke Subdivision Subdivision,  
Section four Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Ashbrooke Section Four, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvement will:


- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter. The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.

2. The Petitioner shall retain the Engineer throughout the construction phase. At completion of the project the Petitioners Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner shall request all changes from the approved plan prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The Surveyor shall immediately install or repair the needed measures as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

X   
\_\_\_\_\_  
SIGNED

George Sweet  
\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
SIGNED

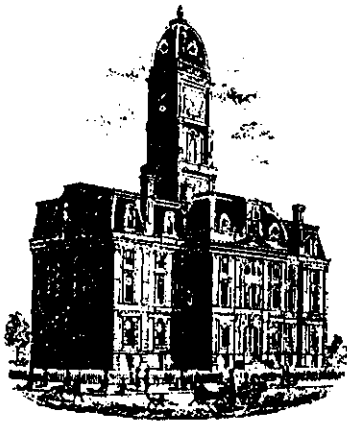
\_\_\_\_\_  
PRINTED NAME

RECORDED OWNER (S) OF LAND INVOLVED

DATE \_\_\_\_\_, 19 94

**ENGINEERS ESTIMATE****PROJECT: ASHBROOKE 4****DATE: 9-9-94****LOCATION:****ITEM: STORM****JOB #: 813**

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
12" RCP PIPE		LF	\$15.00	\$0.00
15" RCP PIPE	241	LF	\$17.00	\$4,097.00
18" RCP PIPE	101	LF	\$20.00	\$2,020.00
21" RCP PIPE		LF	\$22.00	\$0.00
24" RCP PIPE		LF	\$25.00	\$0.00
27" RCP PIPE		LF	\$30.00	\$0.00
30" RCP PIPE	237	LF	\$34.00	\$8,058.00
33" RCP PIPE		LF	\$39.00	\$0.00
36" RCP PIPE	178	LF	\$43.00	\$7,654.00
42" RCP PIPE		LF	\$53.00	\$0.00
INLET/BEEHIVES	5	EA	\$850.00	\$4,250.00
MANHOLES	2	EA	\$1,600.00	\$3,200.00
12" END SECTION		EA	\$275.00	\$0.00
15" END SECTION	1	EA	\$300.00	\$300.00
18" END SECTION	2	EA	\$350.00	\$700.00
24" END SECTION		EA	\$400.00	\$0.00
30" END SECTION		EA	\$425.00	\$0.00
33" END SECTION		EA	\$450.00	\$0.00
36" END SECTION		EA	\$475.00	\$0.00
42" END SECTION		EA	\$500.00	\$0.00
GRANULAR BACKFILL	200	CYDS	\$8.50	\$1,700.00
6" SUBSURFACE	2140	LF	\$4.25	\$9,095.00
4" SUBSURFACE LOT HOOKUPS	160	LF	\$4.00	\$640.00
<b>TOTAL STORM</b>				<b>\$41,714.00</b>



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

RE: *Crooked Creek Drain*  
*ASHBROOKE Sec 4*

Attached are as-builts, certificate of completion & compliance, and other information for ASHBROOKE Sec 4. 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 11-30-94. The changes are as follows:

*OVER →*

The length of the drain due to the changes described above is now 3132.9 feet.

~~During construction of the drain there were not any significant changes made to the plans submitted with my report dated \_\_\_\_\_. Therefore, the length of the drain remains at \_\_\_\_\_ feet.~~

~~Attached also is a non-enforcement for the drain which I recommend that the Board approve at this time.~~ The non-enforcement was approved by the Board at its meeting on 1-23-95.

~~The bond or letter of credit from \_\_\_\_\_, dated \_\_\_\_\_, in the amount of \_\_\_\_\_, has been recommended for release in a letter to the Commissioners dated \_\_\_\_\_.~~ *The bond or letter of credit from Brenwick Development was not required.*

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

Sincerely,

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

KCW/jh

The corrected total of 6" SSD is 2775.9 feet.

- STR 122-121 18" RCP Shortened from 30' feet to 28' feet.
- STR 124-123 30" RCP Shortened from 150' feet to 138' feet.
- STR 125-120 36" RCP Lengthened from 176' feet to 178' feet.
- STR 119-118 15" RCP Shortened from 26' feet to 24' feet.
- STR 118-117 15" RCP Shortened from 55' feet to 53' feet.
- STR 117-116 15" RCP Shortened from 166' feet to 164' feet.

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: ASHBROOKE SECTION # 3

I hereby certify that:

- 1.) I am a Registered 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:                     *Duane A. Sharrer*                     Date:                     8/31/94                    

Type or Printed Name:                     Duane A. Sharrer                    

Business Address:                     3020 North Post Road                      
                    Indianapolis, IN 46226                    

Telephone:                     (317) 898-8282                    

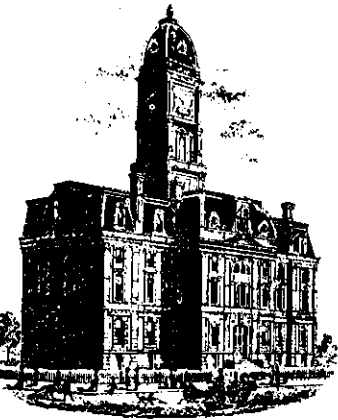
INDIANA REGISTRATION NUMBER

                    890258                    

SEAL







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  
July 24, 1996

To: Hamilton County Drainage Board

Re: Crooked Creek Drain  
Ashbrook Section 4

Attached are as-builts, certificate of completion & compliance, and other information for Ashbrooke Section 4. 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 30, 1994. The changes are as follows:

The corrected total of 6" SSD is 2375.9 feet.

STR 122-121	18" RCP	Shortened from 30' feet to 28' feet.
STR 124-123	30" RCP	Shortened from 150' feet to 138' feet.
STR 125-120	36" RCP	Lengthened from 176' feet to 178' feet.
STR 119-118	15" RCP	Shortened from 26' feet to 24' feet.
STR 118-117	15" RCP	Shortened from 55' feet to 53' feet.
STR 117-116	15" RCP	Shortened from 166' feet to 164' feet.

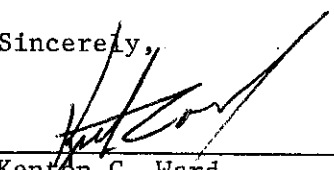
The length of the drain due to the changes described above is now 3132.9 feet.

The non-enforcement was approved by the Board at its meeting on January 23, 1995.

The bond or letter of credit from Brenwick Development was not required.

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

Sincerely,

  
Kenton C. Ward  
Hamilton County Surveyor

KCW/ndw

SECTION 7-T17N-R3E

# ASHBROOKE SECTIONS 3 & 4

(CONSTRUCTION PLANS)

## CLAY TOWNSHIP HAMILTON COUNTY, INDIANA

DEVELOPER:

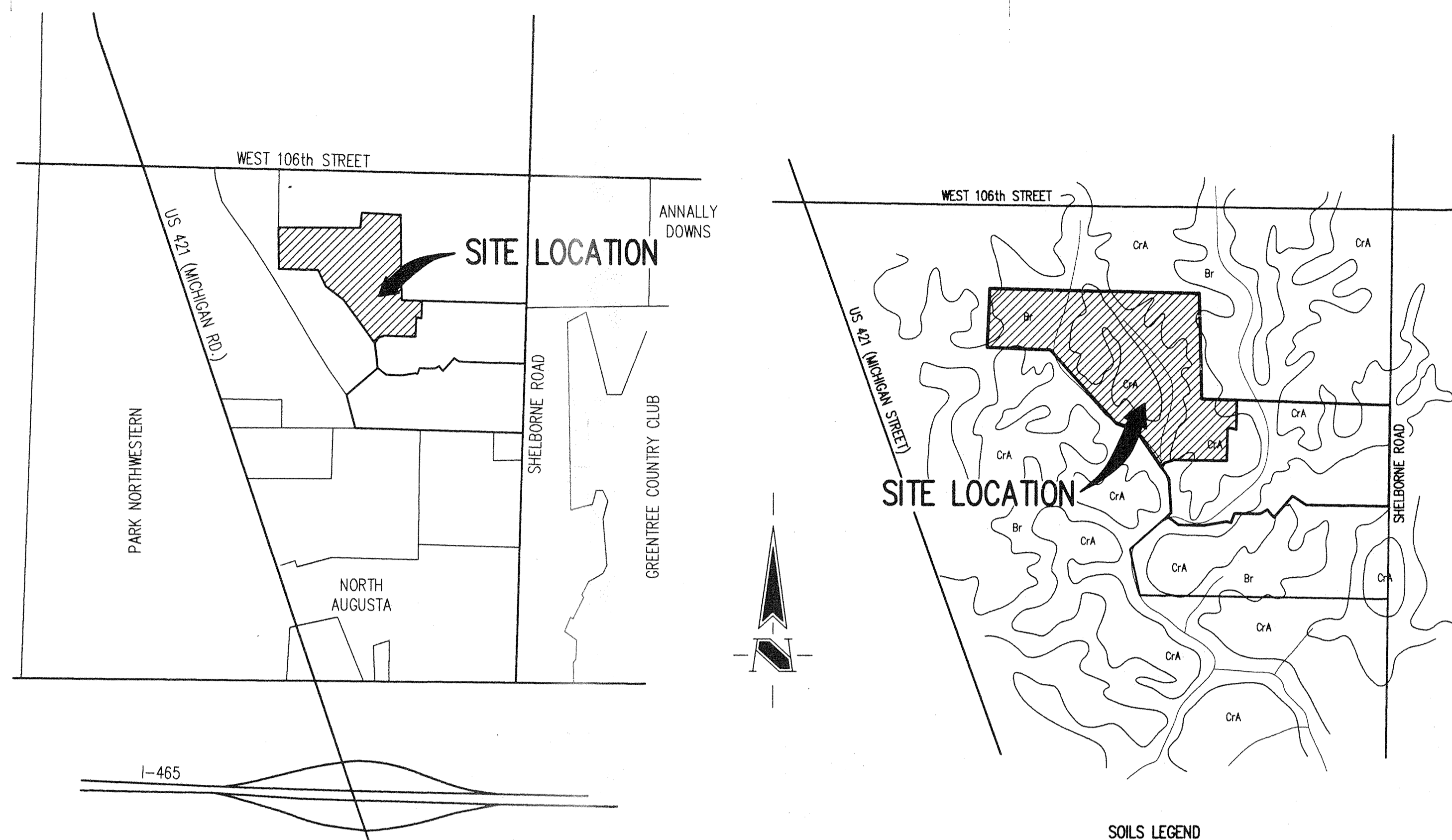
**BRENNICK DEVELOPMENT CO., INC.**

9502 ANGOLA COURT  
INDIANAPOLIS, INDIANA 46268  
(317) 841-9102

Engineer:

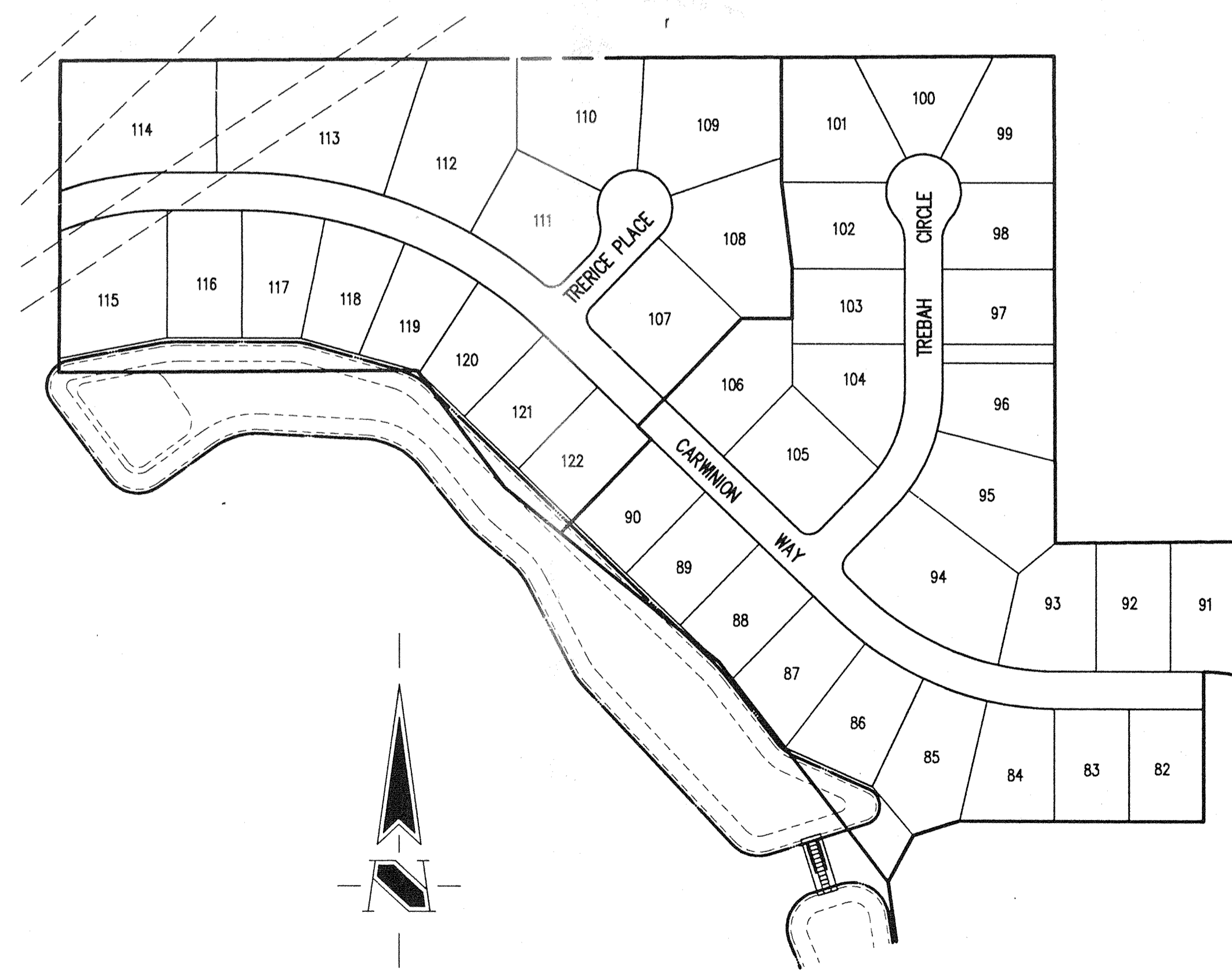
**SCHNEIDER ENGINEERING CORP.**

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



**AREA MAP**  
NOT TO SCALE

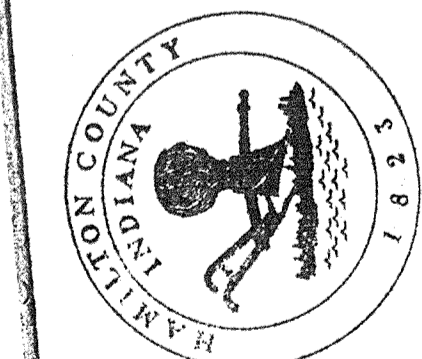
**SOILS MAP**  
NOT TO SCALE



**SITE MAP**  
SCALE: 1"=150'

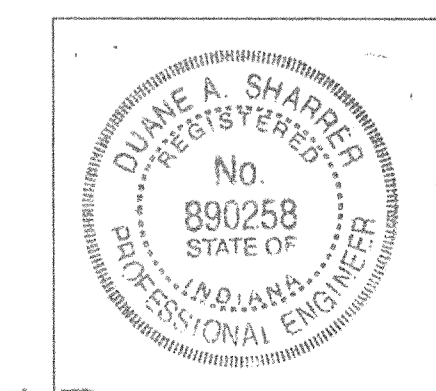
INDEX	
SHEET No.	DESCRIPTION
S-1	COVER SHEET
S-2	DEVELOPMENT PLAN-SECTION 3
S-3	DEVELOPMENT PLAN-SECTION 4
S-4	EROSION CONTROL PLAN-SECTION 3
S-5	EROSION CONTROL PLAN-SECTION 4
S-6	STREET PLAN
S-7	STREET PLAN
S-8	STREET PLAN
S-9	INTERSECTION & CUL-DE-SAC DETAILS
S-10	SANITARY SEWER PLAN
S-11	SANITARY SEWER PLAN
S-12	STORM SEWER PLAN
S-13	STORM SEWER PLAN
S-14	STORM SEWER PLAN
S-15	GENERAL DETAILS
S-16	SPECIFICATIONS

This information was gathered for input into the Hamilton County Geographic Information System. This information is considered an official record of the GIS.  
Entry Date: 11-25-93  
Entered by: JDL



**Schneider Engineering Corporation**  
PROFESSIONAL ENGINEERS-LAND SURVEYORS-LAND PLANNERS-GEOLOGISTS

INDIANAPOLIS: 3020 NORTH POST ROAD, INDIANAPOLIS, INDIANA 46226-6518, Telephone (317) 898-8282 FAX (317) 899-8010  
AVON: 6845 EAST U.S. 36, SUITE 500, DANVILLE, INDIANA 46122, Telephone (317) 272-0108 FAX (317) 272-0412



CERTIFIED BY: *Duane A. Shaver* FILED DATE: 2/30/94

PROJECT ENGINEER: DKS  
CHECKED BY: \_\_\_\_\_ DATE CHECKED: 4/27/93

SEP 09 1994  
OFFICE OF HAMILTON COUNTY SURVEYOR  
(JOB No. 813.30)

RECORD DRAWING

SHEET 1 OF 17

**Benchmarks**

**NOTE:**  
The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for USCGS Benchmark T-78. Since this mapping USCGS Benchmark T-78 has been destroyed. Previous surveys have established that a discrepancy existed between USCGS Benchmarks T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for USCGS Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

**TBM 101**  
Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.  
Elevation = 890.98

**TBM 102**  
Top of boat spike in centerline of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.  
Elevation = 885.42

**TBM 103**  
P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.  
Elevation = 886.54

**TBM 104**  
A cut square at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shelbourne Road.  
Elevation = 884.12

**LEGEND**

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer w/Existing Laterals  
Existing Laterals running to the opposite side of the street will be extended prior to construction of street.
- 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
- Corrected Grades
- Storm Structure Number.....
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size
- Swale (fl)
- Swale
- 6" Subsurface Drain w/4" Lateral Connection
- Suggested Finish Floor Elevation

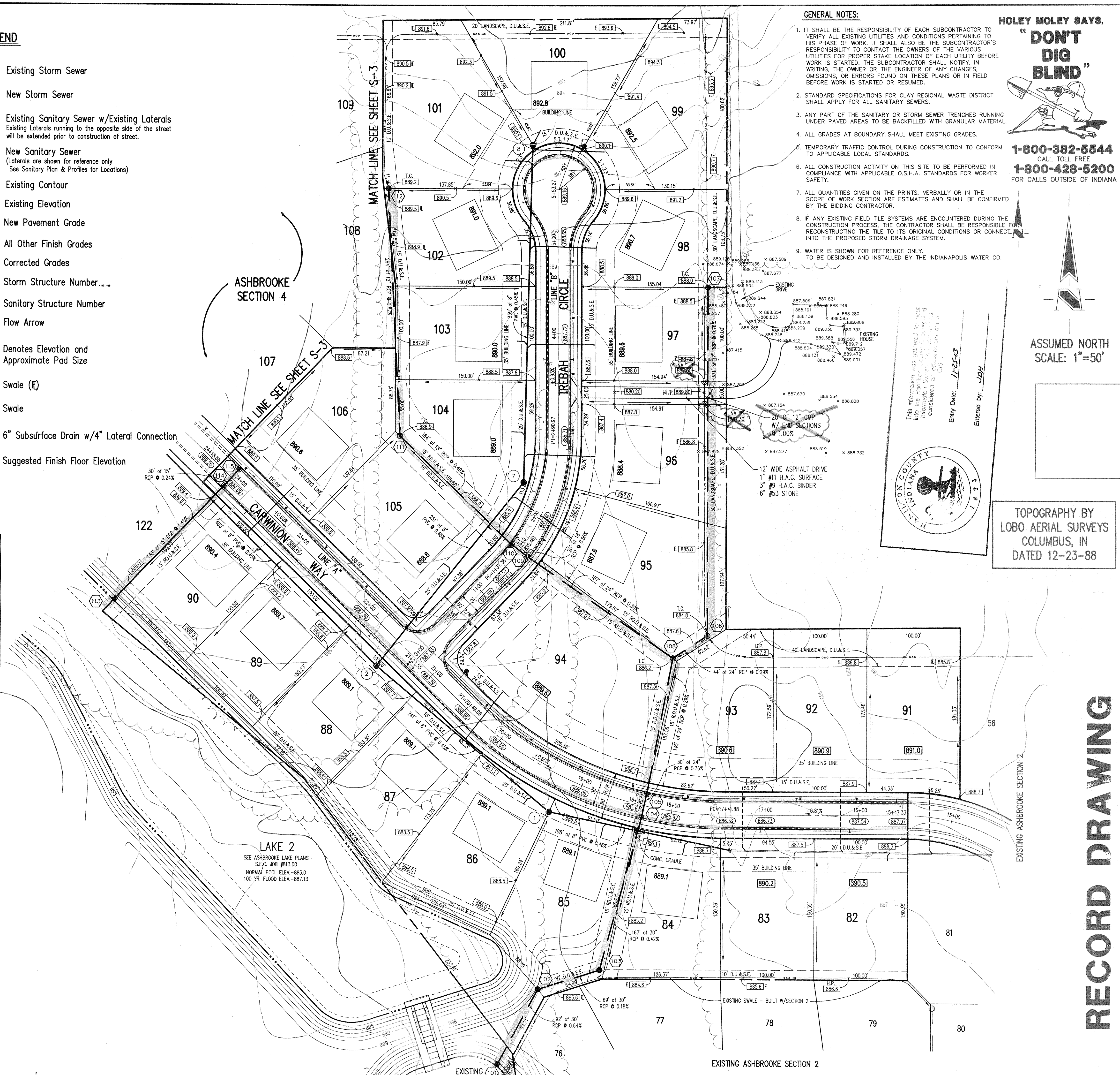
**000 SANITARY SEWER TABLE**

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC	INVERTS
1	19+20	A	40'	LT	MANHOLE	886.6	879.15 (SE) 879.15 (NE)
2	21+50	A	35'	LT	MANHOLE	888.0	880.00 (S) 880.00 (N)
3	25+50	A	30'	LT	MANHOLE	889.0	882.25 (S) 882.25 (NW & NE)
4	27+27	A	30'	LT	MANHOLE	891.0	883.10 (SE) 883.20 (NW)
5	29+37	A	40'	LT	MANHOLE	888.8	884.09 (SE) 884.19 (W)
6	31+37	A	30'	LT	MANHOLE	889.9	885.06 (E)
7	2+32	B	2'	LT	MANHOLE	886.8	881.56 (SW) 881.66 (N)
8	2+32	B	2'	LT	MANHOLE	890.2	883.28 (S)
9	2+32	B	6.8'	RT	MANHOLE	891.9	882.58 (SW)

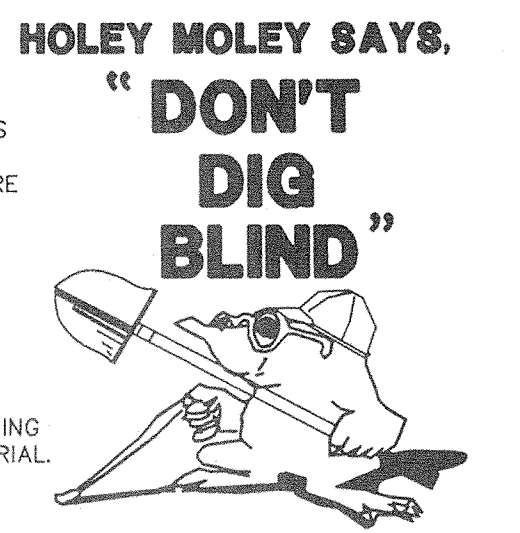
**000 STORM SEWER TABLE**

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC	INVERTS
101	18+82	A	311'	LT	SLOPE WALL		879.00 (NE)
102	18+74	A	220'	LT	MANHOLE	884.9	879.59 (SW & E)
103	18+35	A	182'	LT	MANHOLE	884.2	879.71 (W & N)
104	18+30	A	15'	LT	CURB INLET	885.67	880.41 (S & N)
105	18+30	A	15'	RT	CURB INLET	885.67	880.52 (S & N)
106	17+80	A	189'	RT	BEEHIVE INLET	884.8	881.07 (SW) 881.78 (W)
107	4+50	B	160'	RT	BEEHIVE INLET	888.0	884.60 (S)
108	17+80	A	160'	RT	BEEHIVE INLET	886.2	880.94 (S)
109	1+60	B	13'	RT	CURB INLET	885.46	885.00 (SE) 885.00 (NW)
110	1+60	B	13'	LT	CURB INLET	885.46	885.00 (SE) 885.00 (NW)
111	2+87	B	170'	LT	BEEHIVE INLET	886.9	886.35 (SE) 883.75 (N)
112	5+54	B	183'	LT	BEEHIVE INLET	889.2	886.05 (S)
113	24+00	A	181'	LT	SLOPE WALL		883.00 (NE)
114	24+00	A	15'	LT	CURB INLET	889.09	885.40 (SW & NE)
115	24+00	A	15'	LT	CURB INLET	889.09	885.47 (SW)
116	26+01	A	181'	LT	SLOPE WALL		883.00 (NE)
117	25+98.03	A	15'	LT	CURB INLET	890.28	886.28 (SW & NE)
118	0+38.87	A	13'	LT	CURB INLET	889.90	886.43 (SW & SE)
119	1+50	A	13'	RT	CURB INLET	889.90	886.49 (NW)
120	1+50	A	206'	LT	UNDERWATER DISCHARGE		879.66 (N)
121	29+50	A	15'	LT	CURB INLET	888.22	883.39 (S & N)
122	29+50	A	15'	RT	CURB INLET	888.22	883.77 (S)
123	28+74	A	30'	RT	MANHOLE	889.8	882.99 (SW & N)
124	28+74	A	170'	RT	SPECIAL INLET		883.92 (S)
125	28+53	A	30'	LT	MANHOLE	888.5	880.15 (S) 882.40 (NE) 883.20 (N)

SEE PROFILE SHEETS

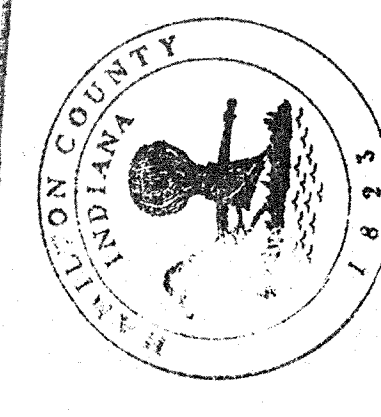


- GENERAL NOTES:**
- IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE 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 CLAY REGIONAL WATER 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.
  - ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
  - TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
  - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
  - ALL QUANTITIES GIVEN ON THE PRINTS, VERBALLY OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTOR.
  - IF ANY EXISTING FIELD TILE SYSTEMS ARE ENCOUNTERED DURING THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING THE TILE TO ITS ORIGINAL CONDITIONS OR CONNECTING INTO THE PROPOSED STORM DRAINAGE SYSTEM.
  - WATER IS SHOWN FOR REFERENCE ONLY. TO BE DESIGNED AND INSTALLED BY THE INDIANAPOLIS WATER CO.



**1-800-382-5544**  
CALL TOLL FREE  
**1-800-428-5200**  
FOR CALLS OUTSIDE OF INDIANA

ASSUMED NORTH  
SCALE: 1"=50'



TOPOGRAPHY BY  
LOBO AERIAL SURVEYS  
COLUMBUS, IN  
DATED 12-23-88

**REVISIONS**

NO.	DATE	CHECK	BY
1	12/23/88	ENGINEERING	JDH
2	1/20/89	REV. LOTS (S-3) & STORM SEWER	JDH
3	7/20/94	ADD DRIVE, STORM PIPE, & ADDITIONAL SPOT SHOTS FOR EXISTING HOUSE & DRIVEWAY	JDH
4	7/29/94	REVISED DRIVEWAY	JDH

DRAWN: JDH  
DATE: 1/25/89  
ENTERED BY: JDH

**SCHNEIDER ENGINEERING CORPORATION**  
Professional Engineers  
Land Planners  
Land Surveyors  
Geologists

3020 NORTH POST ROAD - 6516  
INDIANAPOLIS, INDIANA 46128  
PHONE: (317) 899-8282  
FAX: (317) 899-8010

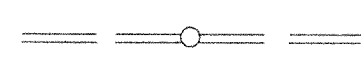

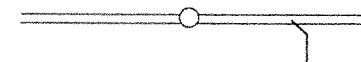



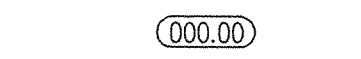
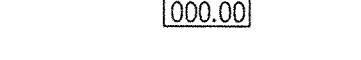
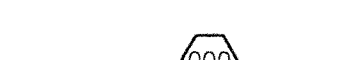
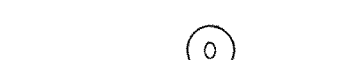

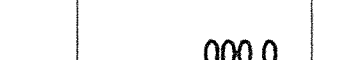

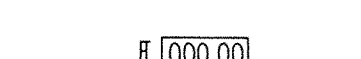


PROJECT: ASHBROOKE - SECTION 3 & 4  
JOB NO: 813.30  
PREPARED FOR: BRENNICK DEVELOPMENT CO., INC.  
TITLE: DEVELOPMENT PLAN  
SCALE: 1"=50'

SHEET 5-2 OF 16  
FILE NAME: 81330EVI

RECORD DRAWING

This copy printed from the Digital Archive of the Hamilton County Surveyors Office, One Hamilton Co. Surveyors Office, 188 Noble, Indianapolis, IN 46204

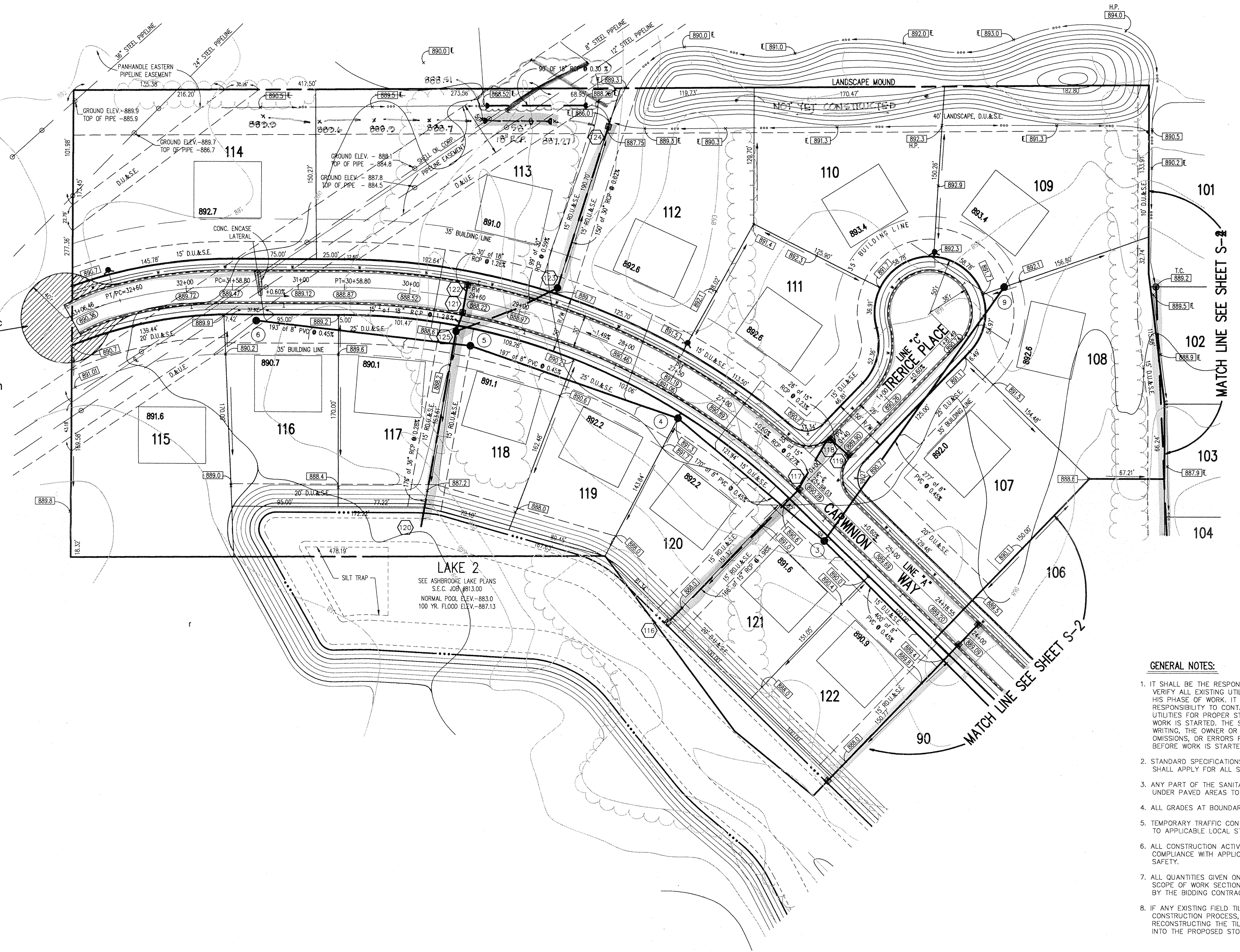
**LEGEND**

-  Existing Storm Sewer
-  New Storm Sewer
-  Existing Sanitary Sewer w/Existing Laterals
-  New Sanitary Sewer  
(Laterals are shown for reference only  
See Sanitary Plan & Profiles for Locations)
-  Existing Contour
-  Existing Elevation
-  Proposed Grade
-  All Other Finish Grades
-  Curbed Grades
-  Sewer Structure Number
-  Sanitary Structure Number
-  Flow Arrow
-  Denotes Elevation and Approximate Pad Size
-  Swale (R)
-  Swale
-  6" Subsurface Drain w/4" Lateral Connection

TOPOGRAPHY BY  
LOBO AERIAL SURVEYS  
COLUMBUS, IN  
DATED 12-23-88

**HOLEY MOLEY SAYS**  
"DON'T  
DIG  
BLIND"  
  
1-800-382-5544  
CALL TOLL FREE  
1-800-428-5200  
FOR CALLS OUTSIDE OF INDIANA

ASSUMED NORTH  
SCALE: 1"=50'



**Benchmarks**  
**NOTE:**  
The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for US&GS Benchmark T-78. Since this mapping US&GS Benchmark T-78 has been destroyed. Previous surveys have established that a discrepancy existed between US&GS Benchmarks T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for US&GS Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.


**TBM 101**  
Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.  
Elevation = 890.98

**TBM 102**  
Top of boat spike in centerline of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.  
Elevation = 885.42

**TBM 103**  
P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.  
Elevation = 886.54

**TBM 104**  
A cut square at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shelbourne Road.  
Elevation = 884.12

- GENERAL NOTES:**
1. 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.
  2. STANDARD SPECIFICATIONS FOR CLAY REGIONAL WASTE DISTRICT SHALL APPLY FOR ALL SANITARY SEWERS.
  3. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
  4. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
  5. TEMPORARY TRAFFIC CONTROL, CURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
  6. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
  7. ALL QUANTITIES GIVEN ON THE PRINTS, VERBALLY OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTOR.
  8. IF ANY EXISTING FIELD TILE SYSTEMS ARE ENCOUNTERED DURING THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING THE TILE TO ITS ORIGINAL CONDITIONS OR CONNECT IT INTO THE PROPOSED STORM DRAINAGE SYSTEM.



This information was gathered for input into the Hamilton County Geographical Information System. This information is considered an unclassified record of the GIS.

Entry Date: 11-25-93

Entered by: JDH

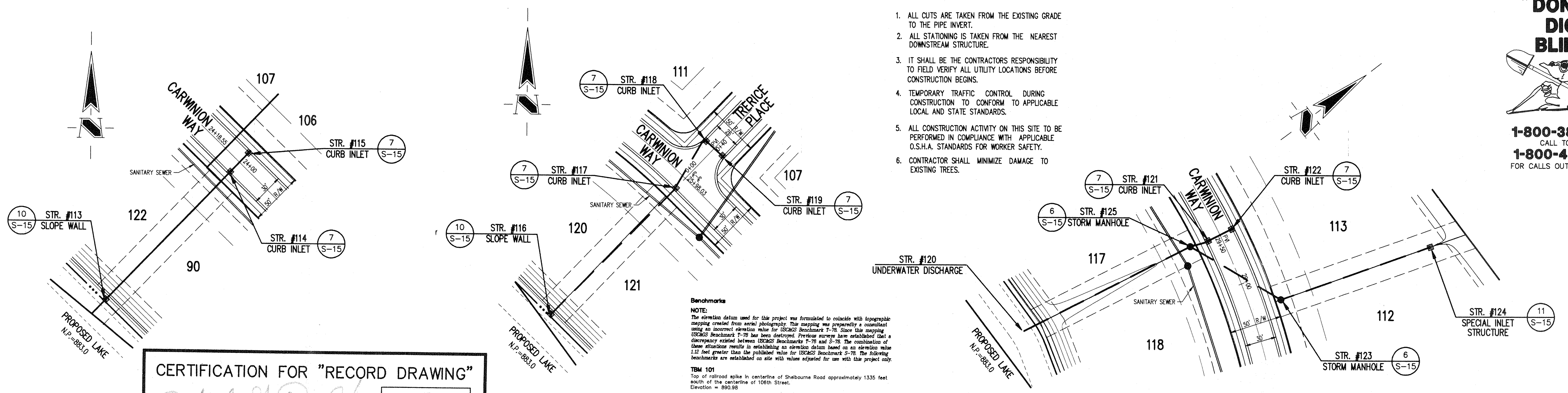
<p><b>REVISIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12/23/88</td> <td>ADDED PRELIMINARY LOCATIONS/ELEVATIONS</td> </tr> <tr> <td>2</td> <td>1/17/93</td> <td>ENGINEERING/DRAWING CHECK</td> </tr> <tr> <td>3</td> <td>5/17/93</td> <td>REV. LOTS &amp; NUMBERS</td> </tr> <tr> <td>4</td> <td>5/17/93</td> <td>ADDED TEMP. 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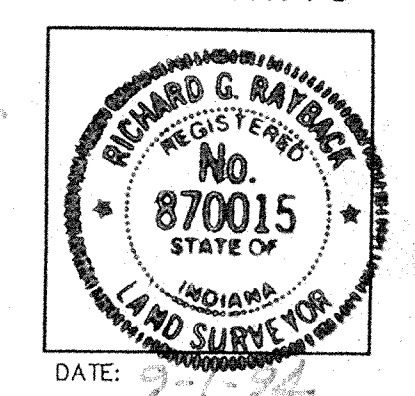
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  - CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.



**CERTIFICATION FOR "RECORD DRAWING"**

CERTIFIED BY:  
*Richard G. Baiman*  
**SCHNEIDER ENGINEERING CORPORATION**  
 3020 NORTH POST ROAD  
 INDIANAPOLIS, INDIANA 46226-6518  
 P.O. BOX 26068 (317) 898-8282

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



**Benchmarks**

NOTE:  
 The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for ISCAMS Benchmark T-78. Since the mapping (ISCAMS) Benchmark T-78 has been destroyed, previous surveys have established that a discrepancy existed between ISCAMS Benchmark T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for ISCAMS Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

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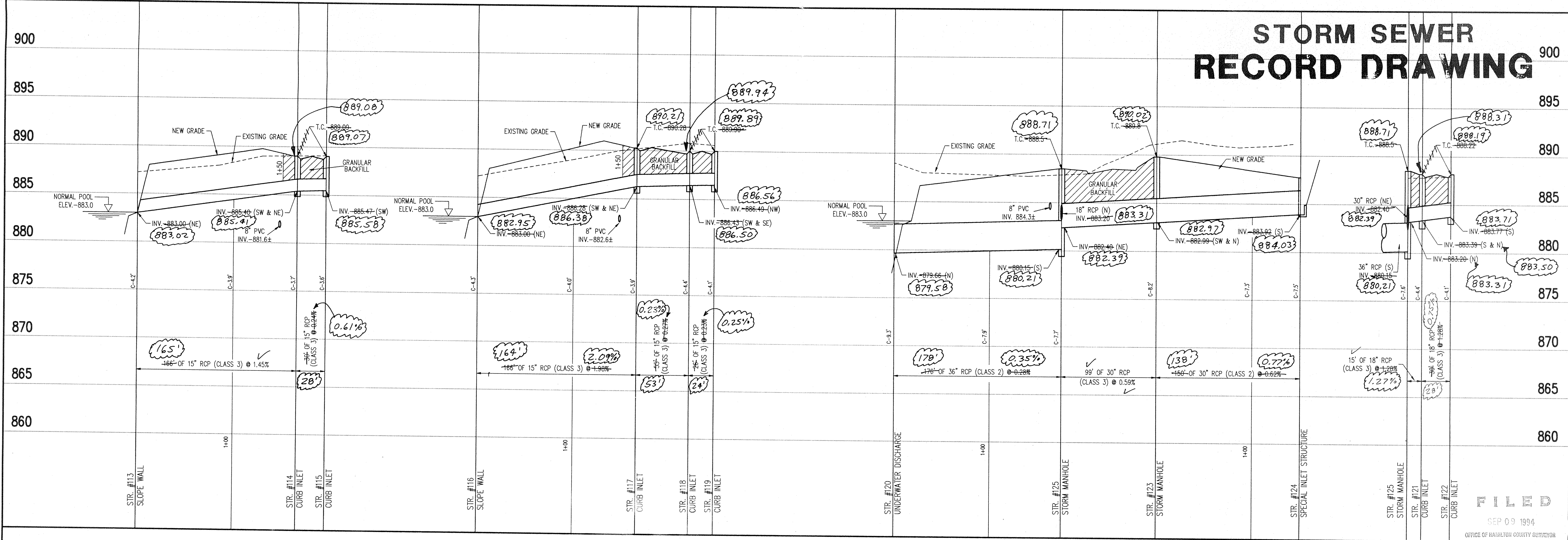
Entry Date: 11-25-88

Entered by: JCH

TOPOGRAPHY BY  
**LOBO AERIAL SURVEYS**  
 COLUMBUS, IN  
 DATED 12-23-88

**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

**SCHNEIDER ENGINEERING CORPORATION**  
 Professional Engineers  
 Land Surveyors  
 Geologists

3020 NORTH POST ROAD  
 DANVILLE, INDIANA 46226-6518  
 Telephone (317) 898-8282  
 Fax (317) 899-8510

PROJECT: ASHBROOKE-SECTIONS 3 & 4  
 JOB NO.: 813.30  
 PREPARED FOR: BRENNICK DEVELOPMENT CO., INC.  
 TITLE: STORM SEWER PLAN

SCALE: SHOWN

FILED  
 SEP 09 1994  
 OFFICE OF HAMILTON COUNTY SURVEYOR

**STORM SEWER PROFILE**

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

**CERTIFICATION FOR "RECORD DRAWING"**

CERTIFIED BY: *Richard G. Raylock*

**SCHNEIDER ENGINEERING CORPORATION**  
 3020 NORTH POST ROAD  
 INDIANAPOLIS, INDIANA 46228-6518  
 P.O. BOX 26068 (317) 898-8282

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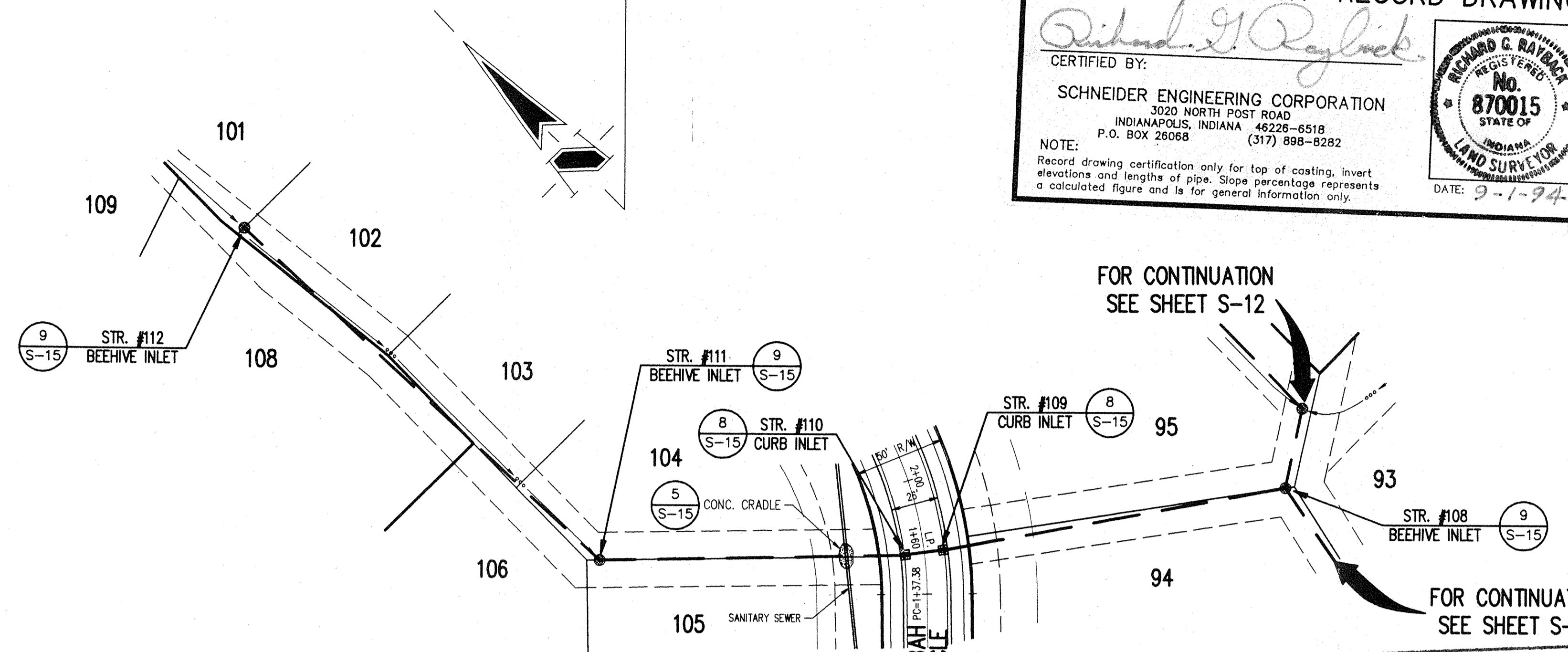
DATE: 9-1-94

REGISTERED PROFESSIONAL ENGINEER  
 No. 870015  
 STATE OF INDIANA  
 LAND SURVEYOR

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**Benchmarks**

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INDIAN COUNTY  
 INDIANA  
 1823

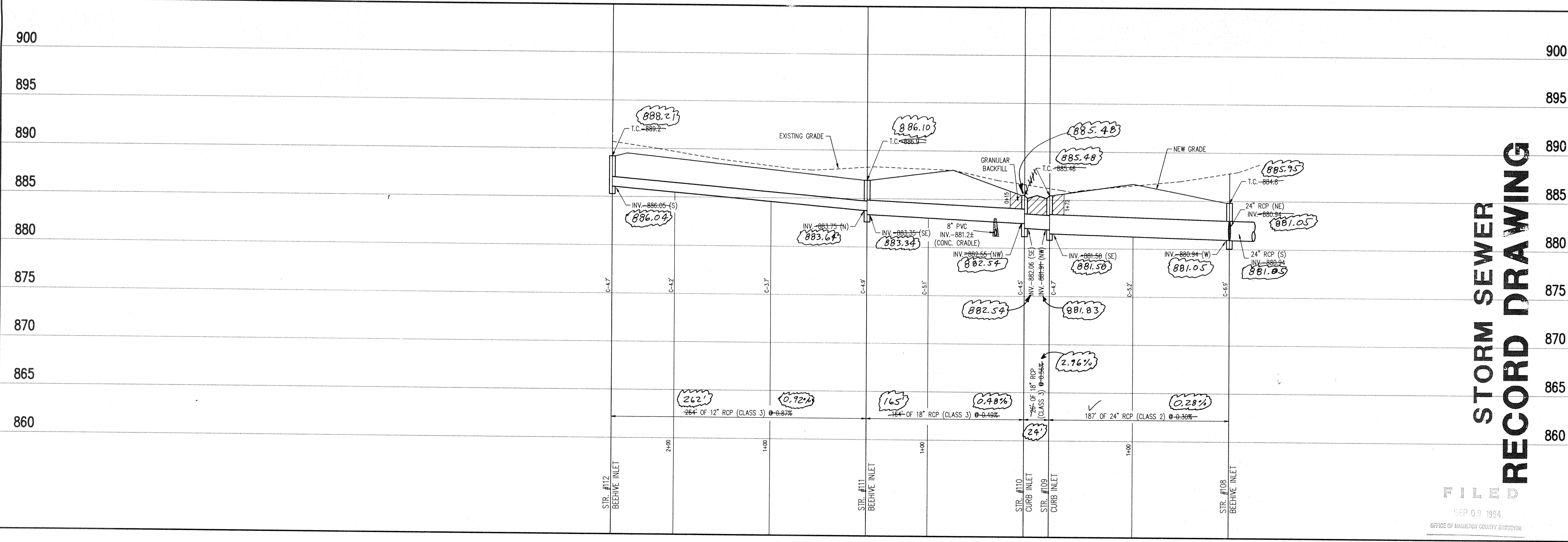
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Entry Date: 11-25-92

Entered by: JPH

**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

PROJECT: ASHBROOKE - SECTIONS 3 & 4 JOB NO. 813.30

PREPARED FOR: BRENNICK DEVELOPMENT CO., INC.

TITLE: STORM SEWER PLAN

DATE: SEP 09 1994

OFFICE OF HAMILTON COUNTY SURVEYOR

SCHNEIDER ENGINEERING CORPORATION  
 Engineers  
 • Land Surveyors  
 • Civil Engineers  
 • Geologists

8845 EAST JEFFERSON AVENUE SUITE 400  
 INDIANAPOLIS, INDIANA 46228-6518  
 Telephone (317) 898-8282  
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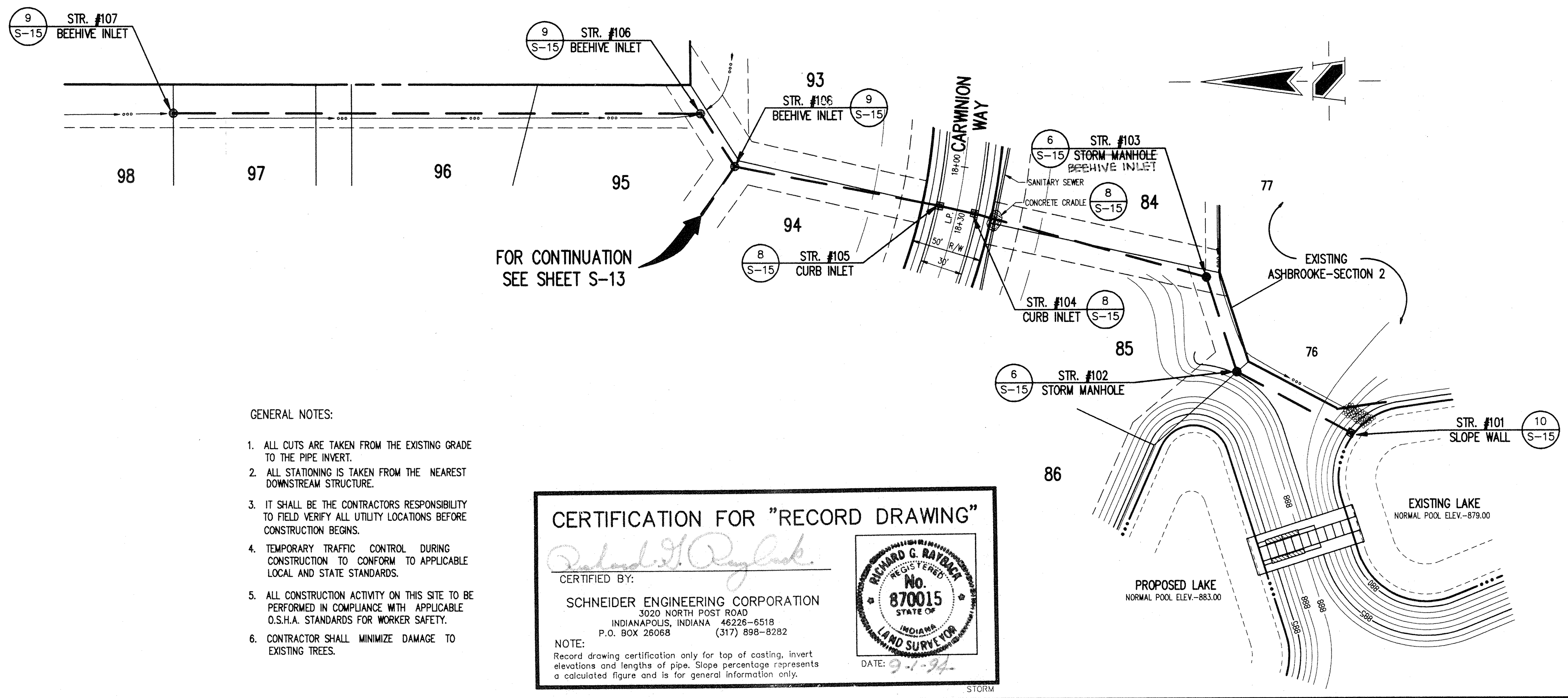
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SHEET S-13 OF 16  
 FILE NAME: 81335T.M2

**HOLEY MOLEY SAYS.**  
**"DON'T DIG BLIND"**  
  
**1-800-382-5544**  
 CALL TOLL FREE  
**1-800-428-5200**  
 FOR CALLS OUTSIDE OF INDIANA

TOPOGRAPHY BY  
**LOBO AERIAL SURVEYS**  
 COLUMBUS, IN  
 DATED 12-23-88

REVISIONS	DATE	BY	CHECK
1	12/23/88	JDH	JDH
2	1/17/89	JDH	JDH
3	1/24/89	JDH	JDH
4	2/2/89	JDH	JDH
5	2/9/89	JDH	JDH
6	2/16/89	JDH	JDH
7	2/23/89	JDH	JDH
8	2/30/89	JDH	JDH
9	3/6/89	JDH	JDH
10	3/13/89	JDH	JDH
11	3/20/89	JDH	JDH
12	3/27/89	JDH	JDH
13	4/3/89	JDH	JDH
14	4/10/89	JDH	JDH
15	4/17/89	JDH	JDH
16	4/24/89	JDH	JDH
17	5/1/89	JDH	JDH
18	5/8/89	JDH	JDH
19	5/15/89	JDH	JDH
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21	5/29/89	JDH	JDH
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98	11/19/90	JDH	JDH
99	11/26/90	JDH	JDH
100	12/3/90	JDH	JDH



**CERTIFICATION FOR "RECORD DRAWING"**

CERTIFIED BY:  
*Richard C. Rabbar*  
 RICHARD C. RABBAR  
 REGISTERED  
 No. 870015  
 STATE OF INDIANA  
 LAND SURVEYOR  
 DATE: 9-1-94

SCHNEIDER ENGINEERING CORPORATION  
 3020 NORTH POST ROAD  
 INDIANAPOLIS, INDIANA 46226-6518  
 P.O. BOX 26068 (317) 898-8282

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

- GENERAL NOTES:
- ALL CUTS ARE TAKEN FROM THE EXISTING GRADE TO THE PIPE INVERT.
  - ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.
  - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
  - 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.

**Benchmarks**

NOTE:  
 The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for IGCAS Benchmark 7-78. Since this mapping (IGCAS Benchmark 7-78) has been destroyed, traverse surveys have established that a discrepancy existed between IGCAS Benchmarks 7-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for IGCAS Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

**TBM 101**  
 Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.  
 Elevation = 890.98

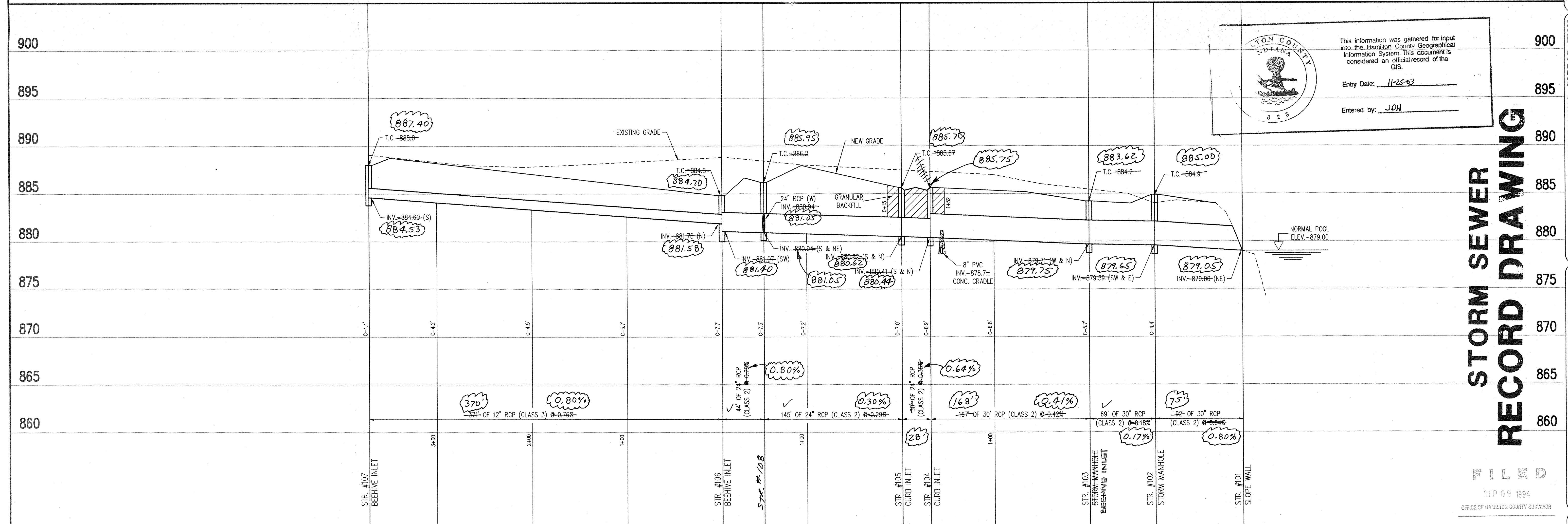
**TBM 102**  
 Top of foot spike in centerline of Shelbourne Road approximately 2800 feet south of the centerline of 106th Street.  
 Elevation = 885.42

**TBM 103**  
 P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2800 feet south of the centerline of 106th Street.  
 Elevation = 885.54

**TBM 104**  
 A cut square at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1500 feet west of the centerline of Shelbourne Road.  
 Elevation = 884.12

**STORM SEWER PLAN**

SCALE: 1"=50'



ION COUNTY INDIANA

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Entry Date: 11-25-03

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**STORM SEWER RECORD DRAWING**

PROJECT: ASHBROOKE - SECTION 3 & 4

JOB NO. 813.30

PREPARED FOR: BRENNICK DEVELOPMENT CO., INC.

TITLE: STORM SEWER PLAN

SCHNEIDER ENGINEERING CORPORATION  
 Professional Engineers  
 Land Surveyors  
 Geologists

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6845 EAST U.S. 56, SUITE 500  
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 Fax (317) 272-0412

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 SEP 09 1994  
 OFFICE OF HAMILTON COUNTY SURVEYOR

**STORM SEWER PROFILE**

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

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