



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*

January 4, 2006

TO: Hamilton County Drainage Board

RE: Centennial Drain, Centennial South Arm

Attached is a petition filed by Estridge Development Company along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Centennial South Arm, Centennial Drain to be located in Washington Township. 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	3,813 ft.	21" RCP	988 ft.
15" RCP	650 ft.	24" RCP	35 ft.
18" RCP	1,537 ft.	30" RCP	354 ft.

The total length of the drain will be 7,377 feet.

The retention ponds (Lakes 1 & 2) located in Common Area #1 are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal and erosion control along the banks as part of the regulated drain. The maintenance of the ponds (lakes), such as mowing and aquatic vegetation control, will be the responsibility of the Homeowners Association. The Board will also retain jurisdiction for ensuring the storage volume for which the ponds (lakes) were designed will be retained, thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) under curbs are not to be part of the regulated drain. This is per the agreement between the developer, Estridge Development Company and the Hamilton County Commissioners on March 8, 1999. (See Commissioner's Minute Book 93, Pages 138-139).

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 \$50.00 per platted lot, \$5.00 per acre for roadways and common areas, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 8,644.36.

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Performance Bond are as follows:

Agent: Fidelity & Deposit Company of Maryland  
Date: July 15, 2005  
Number: 7572222  
For: Storm Sewers  
Amount: \$555,000.00

Agent: Fidelity & Deposit Company of Maryland  
Date: July 15, 2005  
Number: 7572220  
For: Erosion Control  
Amount: \$75,000.00

Parcels assessed for this drain may be assessed for the Osborn & Collins or Williams Creek Drain at sometime in the future. Parcels assessed for this drain will also be assessed for the Hinshaw & Henley Drain.

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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Centennial South as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for March 27, 2006.



Kenton C. Ward  
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA     )  
                                  )  
COUNTY OF HAMILTON )

TO: HAMILTON COUNTY DRAINAGE BOARD  
% Hamilton County Surveyor  
One Hamilton County Square, Suite 188  
Noblesville, IN. 46060-2230

In the matter of Centennial South Subdivision, Section  
One 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 Centennial South, 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 improvements 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 or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's 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 an Engineer throughout the construction phase. At completion of the project the Petitioner's 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 agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor 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 to the County Surveyor 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 County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

**RECORDED OWNER(S) OF LAND INVOLVED**

Bryan Stumpf  
Signed

\_\_\_\_\_  
Signed

BRYAN STUMPF  
Printed Name

\_\_\_\_\_  
Printed Name

05/17/05  
Date

\_\_\_\_\_  
Date

DIRECTOR OF COMMUNITY DEVELOPMENT  
~~Signed~~ Signed

ESTRIDGE DEVELOPMENT COMPANY, INC.  
~~Printed Name~~ Printed Name

\_\_\_\_\_  
Date

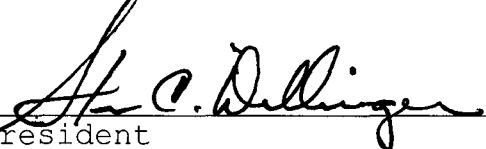
\_\_\_\_\_  
Date

**FINDINGS AND ORDER**  
**CONCERNING THE MAINTENANCE OF THE**  
**Centennial Drain, Centennial South Arm**


On this **27th day of March 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Centennial Drain, Centennial South Arm**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest: 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

***Centennial Drain, Centennial South Arm***

NOTICE

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

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Centennial Drain, Centennial South Arm** on **March 27, 2006** at **9:15 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made 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

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF THE

***Centennial Drain, Centennial South Arm***

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **March 27, 2006** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

**Centennial South  
GASB 34 Calculation**

**Centennial Drain-Centennial South Arm:** 7,377 feet  
**Hinshaw-Henley Drain –Centennial South Relocation:** 3,977 feet

**Total Footage** = 11,354  
**Bond Amount** = \$ 525,000.00

**Centennial Drain-Centennial South Arm:**  $.65(\$525,000.00) = \$341,250.00$   
**Hinshaw-Henley Drain –Centennial South Relocation:**  $.35(\$525,000.00) = \$183,750.00$

Note: Bonds were posted at 120% of the engineers estimate. This dollar amount is based upon the engineer's estimate. ~~Also, on Engineer's Estimate 4<sup>th</sup> ssd was listed. This was subtracted from the above listed dollar amount.~~



FILED

FEB 27 2006

OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Centennial South Subdivision

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.

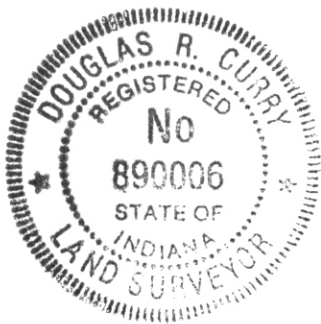
Signature: Douglas R. Curry Date: February 24, 2006

Type or Print Name: Douglas R. Curry

Business Address: Bynum Fanyo & Associates, Inc.; 528 N. Walnut St., Bloomington, IN 47404

Telephone Number: 812-332-8030

SEAL



INDIANA REGISTRATION NUMBER

890006



*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**

**August 27, 2006**

**Re: Williams Creek: Centennial South**

Attached are as-builts, certificate of completion & compliance, and other information for Centennial South. 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 January 4, 2006. The report was approved by the Board at the hearing held March 27, 2006. (See Drainage Board Minutes Book 9, Pages 132-133)  
 The changes are as follows:

<b>Structure:</b>	<b>Length:</b>	<b>Size</b>	<b>Material:</b>	<b>Up Invert:</b>	<b>Dn Invert</b>
95-96	78	12	RCP	901.81	901.35
96-97	48	12	RCP	901.3	901.19
97-98	128	12	RCP	901.06	900.93
98-84	276	12	RCP	900.81	899.64
84-76	364	18	RCP	899.39	897.54
76-77	100	18	RCP	897.49	896.28
77-78	37	18	RCP	896.21	895.85
78-79	36	18	RCP	895.98	895.58
79-59	154	18	RCP	885.68	892.15
59-58	35	18	RCP	892.15	893
55-58	160	21	RCP	896.47	893.64
53-54	142	21	RCP	895.43	894.9
58-60	147	30	RCP		892.23
60-61	21	30	RCP	892	891.69
61-62	142	30	RCP	891.79	891.16
62-63	46	30	RCP	891.11	891.06
54-55	75	21	RCP	894.84	896.47
57-56	20	12	RCP	900	899.75
56-51	120	12	RCP	899.7	899.11
51-50	32	12	RCP	898.94	898.96
50-49	66	12	RCP	898.96	

44-45	144	12	RCP	898.52	897.68
45-46	20	12	RCP	897.6	897.76
46-47	43	15	RCP	897.64	897.3
47-48	139	15	RCP	897.25	896.83
48-49	16	18	RCP	896.83	896.78
13-12	144	12	RCP	895.24	896.04
14-13	19	12	RCP	895.34	895.64
15-14	155	12	RCP	894.62	895.22
16-15	165	18	RCP	893.75	894.47
17-16	19	18	RCP	893.78	893.88
39-38	20	24	RCP	892.18	892.08
43-17	142	18	RCP	892.33	893.63
42-43	30	24	RCP	892.54	892.99
40-42	88	24	RCP	892.53	892.54
39-40	142	24	RCP	892.43	892.53
37-38	144	24	RCP	891.51	892.07
36-37	72	24	RCP	891.21	891.51
3-4	25	12	RCP	894.18	893.9
4-5	112	15	RCP	893.68	893.59
5-6	143	15	RCP	894.14	892.98
6-7	21	15	RCP	892.96	893.07
7-8	54	18	RCP	892.85	892.79
8-21	127	18	RCP	892.54	892.46
21-20	72	18	RCP	892.46	892.05
20-19	64	18	RCP	892.05	891.74
19-24	174	18	RCP	891.69	890.3
24-23	67	12	RCP	897.58	897.21
23-22	20	12	RCP	897.11	897.54
22-19	250	12	RCP	897.14	895.79
34-32	120	24	RCP	890.43	889.97
18-19	185	12	RCP	901.01	900.24
85-86	20	12	RCP	902	901.99
86-87	154	12	RCP	901.94	899.92
87-88	152	12	RCP	899.92	899.19
88-89	20	12	RCP	899.14	899.07
89-90	130	12	RCP	899.04	892.39
70-69	20	12	RCP	897.87	897.53
69-68	128	12	RCP	897.48	891.8
74-75	20	12	RCP	899.03	899
75-76	128	12	RCP	898.9	
80-76	80	12	RCP	900.09	899.59
67-66	20	12	RCP	898.28	898.07
66-65	32	12	RCP	898.1	
83-82	180	12	RCP	903.23	902.08
82-81	26	12	RCP	900.83	900.76
81-59	165	12	RCP	900.66	
99-25	71	12	RCP	889.71	
2-1	67	12	RCP	888.8	883.92

11-9	42	12	RCP	897.68	898.43
10-9	21	12	RCP	898.17	897.98
9-8	125	12	RCP	897.76	896.79
41-40	97	12	RCP	900.72	900.58
71-72	53	12	RCP	897.56	897.01
72-73	20	12	RCP	896.91	896.96
73-62	188	12	RCP	896.81	895.41

**RCP Pipe Totals:**

12	3756
15	458
18	1559
21	377
24	616
30	356

**Total:**            7122

The length of the drain due to the changes described above is now **7122 feet**.

The non-enforcement was approved by the Board at its meeting on March 27, 2006 and recorded under instrument #200600019139.

The following sureties were guaranteed by Fidelity and Deposit Company of Maryland and expired on January 15, 2007.

**Bond-LC No:** 757222

**Insured For:** Storm Sewers, Subsurface Drains

**Amount:** \$555,000.00

**Issue Date:** July 15, 2005

**Bond-LC No:** 757220

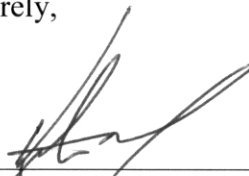
**Insured For:** Erosion Control

**Amount:** \$75,000.00

**Issue Date:** July 15, 2005

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

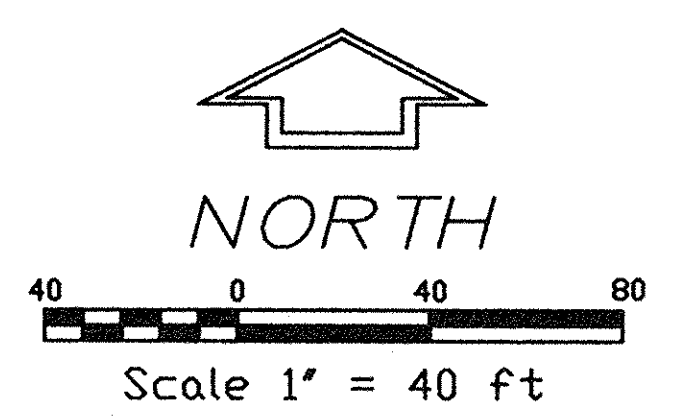
Sincerely,



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

KCW/slm





LEGEND

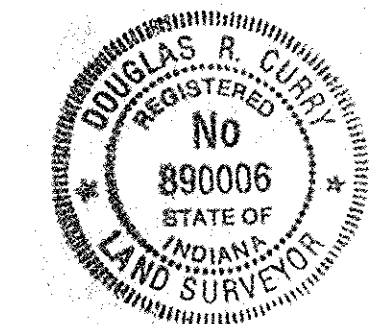
PROPERTY LINE	---
EASEMENT LINE	- - - -
FIRE HYDRANT	⊕
WATER VALVE	⊕
WATER STUB	⊕
ELECTRIC JUNCTION BOX	⊕
ELECTRIC TRANSFORMER	⊕
GYM WIRE	⊕
STORM BASIN	⊕
CURB INLET	⊕
SANITARY SEWER STUB	⊕
STORM STRUCTURE & NUMBER	ST 2
SANITARY SEWER M.H.	⊕
MANHOLE	⊕
4" x 4" x 36" CONCRETE MONUMENT SET	⊕
CENTERLINE MONUMENT SET	⊕
5/8" x 30" REBAR w/CAP SET	⊕
DRAINAGE EASEMENT	D.E.
DRAINAGE, UTILITY & SEWER EASEMENT	D.U. & S.E.
BUILDING LINE	B.L.
SQUARE FOOTAGE	S.F.
RIGHT-OF-WAY	R/W
LANDSCAPE MAINTENANCE EASEMENT	L.M.E.
NON-RADIAL LINE	(NR)
LAKE ACCESS & MAINTENANCE EASEMENT L.A. & M.E.	L.A. & M.E.
COMMON AREA	C.A.
NON-ACCESS EASEMENT	N.A.E.
SPOT ELEVATION	⊕

NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	90°00'00"	60.00	94.25	N 46°10'00" W	84.85
C2	90°00'00"	60.00	133.52	N 46°10'00" W	120.21
C3	90°00'00"	110.00	172.79	N 46°10'00" W	155.56
C4	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C5	90°00'00"	60.00	133.52	S 43°50'00" W	120.21
C6	90°00'00"	110.00	172.79	S 43°50'00" W	155.56
C7	90°00'00"	60.00	94.25	N 46°10'00" W	84.85
C8	90°00'00"	60.00	133.52	N 46°10'00" W	120.21
C9	90°00'00"	110.00	172.79	N 46°10'00" W	155.56
C10	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C11	90°00'00"	60.00	133.52	S 43°50'00" W	120.21
C12	90°00'00"	110.00	172.79	S 43°50'00" W	155.56
C13	90°00'00"	60.00	94.25	N 46°10'00" W	84.85
C14	90°00'00"	60.00	133.52	N 46°10'00" W	120.21
C15	90°00'00"	110.00	172.79	N 46°10'00" W	155.56
C16	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C17	90°00'00"	60.00	133.52	S 43°50'00" W	120.21
C18	90°00'00"	110.00	172.79	S 43°50'00" W	155.56
C19	90°00'00"	60.00	94.25	N 46°10'00" W	84.85
C20	90°00'00"	60.00	133.52	N 46°10'00" W	120.21
C21	90°00'00"	110.00	172.79	N 46°10'00" W	155.56
C22	115°29'29"	276.00	71.79	N 06°21'48" E	71.59
C23	125°21'02"	300.00	80.65	N 02°53'09" E	82.41
C24	15°06'53"	325.00	85.7363	N 06°26'30" E	85.4879
C25	49°53'52"	40.00	34.84	N 38°47'29" E	33.74
C26	49°10'28"	40.00	34.53	N 40°35'28" E	33.29
C27	90°00'00"	60.00	94.25	N 46°10'00" E	120.21
C28	46°31'23"	110.00	89.32	N 46°10'00" E	86.88
C29	90°00'00"	60.00	133.52	S 43°50'00" W	120.21
C30	46°31'23"	110.00	89.32	N 46°10'00" E	86.88
C31	180°00'00"	65.00	267.04	S 88°52'53" W	170.00
C32	138°51'23"	110.00	262.11	S 88°52'53" W	204.35
C33	02°35'18"	40.00	325.00	S 00°49'28" E	3.34
C34	02°33'43"	350.00	3.42	S 00°50'20" E	3.42
C35	02°33'03"	375.00	3.50	S 00°51'05" E	3.50
C36	20°19'45"	60.00	94.25	S 55°27'44" E	84.85
C37	65°00'24"	60.00	133.52	S 55°27'44" E	120.21
C38	90°00'00"	110.00	172.79	N 46°10'00" W	155.56
C39	02°44'47"	175.00	2.28	N 02°44'43" E	2.28
C40	02°46'50"	180.00	2.38	N 02°46'50" E	2.38
C41	02°37'15"	225.00	2.44	S 02°48'29" E	2.44
C42	11°57'17"	280.00	48.11	N 04°27'38" E	48.03

I hereby certify that this survey made under my supervision correctly shows the relation of the roads and other structures to the property lines indicated hereon: that this survey was made on the ground per the record description; that it shows the true location and elevations of the improvements; that lot corners are marked with 5/8 inch diameter by 30 inch long rebar having a cap engraved "BYNUM FANYO 890006"; that subdivision corners are marked with 4 inch by 4 inch by 36 inch concrete monuments; and that road centerline intersection points are marked with MAG nails. At this time, the binder coat of asphalt has not been installed upon the roads.

*Douglas R. Curry* February 24, 2006  
Douglas R. Curry  
Indiana L.S. No. 890006  
Bynum Fanyo & Associates, Inc.  
528 N. Walnut St.  
Bloomington, IN 47404  
812-332-8030

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: 8-5-09  
Entered By: SLM

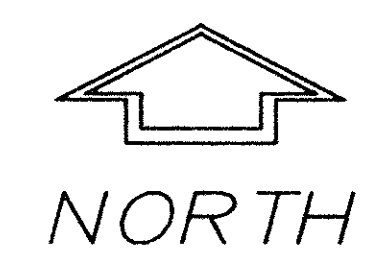


CENTENNIAL SOUTH  
WESTFIELD, INDIANA  
SEC. 15, T 18 N, R 3 E  
HAMILTON COUNTY  
AS-BUILT SURVEY

ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199  
SHEET 1 OF 8

FILED  
FEB 27 2006  
OFFICE OF HAMILTON COUNTY SURVEYOR





Scale 1" = 40 ft

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- FIRE HYDRANT
- WATER VALVE
- ELECTRIC JUNCTION BOX
- ELECTRIC TRANSFORMER
- GUY WIRE
- STORM BASIN
- CURB INLET
- SANITARY SEWER STUB
- STORM STRUCTURE & NUMBER
- SANITARY SEWER M.H.
- MANHOLE
- 4" x 4" x 36" CONCRETE MONUMENT SET
- CENTERLINE MONUMENT SET
- 5/8" x 30" REBAR w/CAP SET
- DRAINAGE EASEMENT
- DRAINAGE, UTILITY & SEWER EASEMENT
- BUILDING LINE
- SQUARE FOOTAGE
- RIGHT-OF-WAY
- LANDSCAPE MAINTENANCE EASEMENT
- NON-RADIAL LINE
- LAKE ACCESS & MAINTENANCE EASEMENT L.A. & M.E.
- COMMON AREA
- NON-ACCESS EASEMENT
- SPOT ELEVATION

NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C2	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C3	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C4	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C5	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C6	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C7	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C8	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C9	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C10	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C11	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C12	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C13	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C14	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C15	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C16	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C17	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C18	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C19	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C20	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C21	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C22	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C23	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C24	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C25	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C26	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C27	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C28	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C29	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C30	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C31	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C32	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C33	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C34	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C35	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C36	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C37	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C38	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C39	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	
C40	90°00'00"	60.00	94.25	N 46°10'00" W	84.85	
C41	90°00'00"	60.00	94.25	S 43°50'00" W	84.85	
C42	90°00'00"	110.00	172.79	N 46°10'00" W	155.56	

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

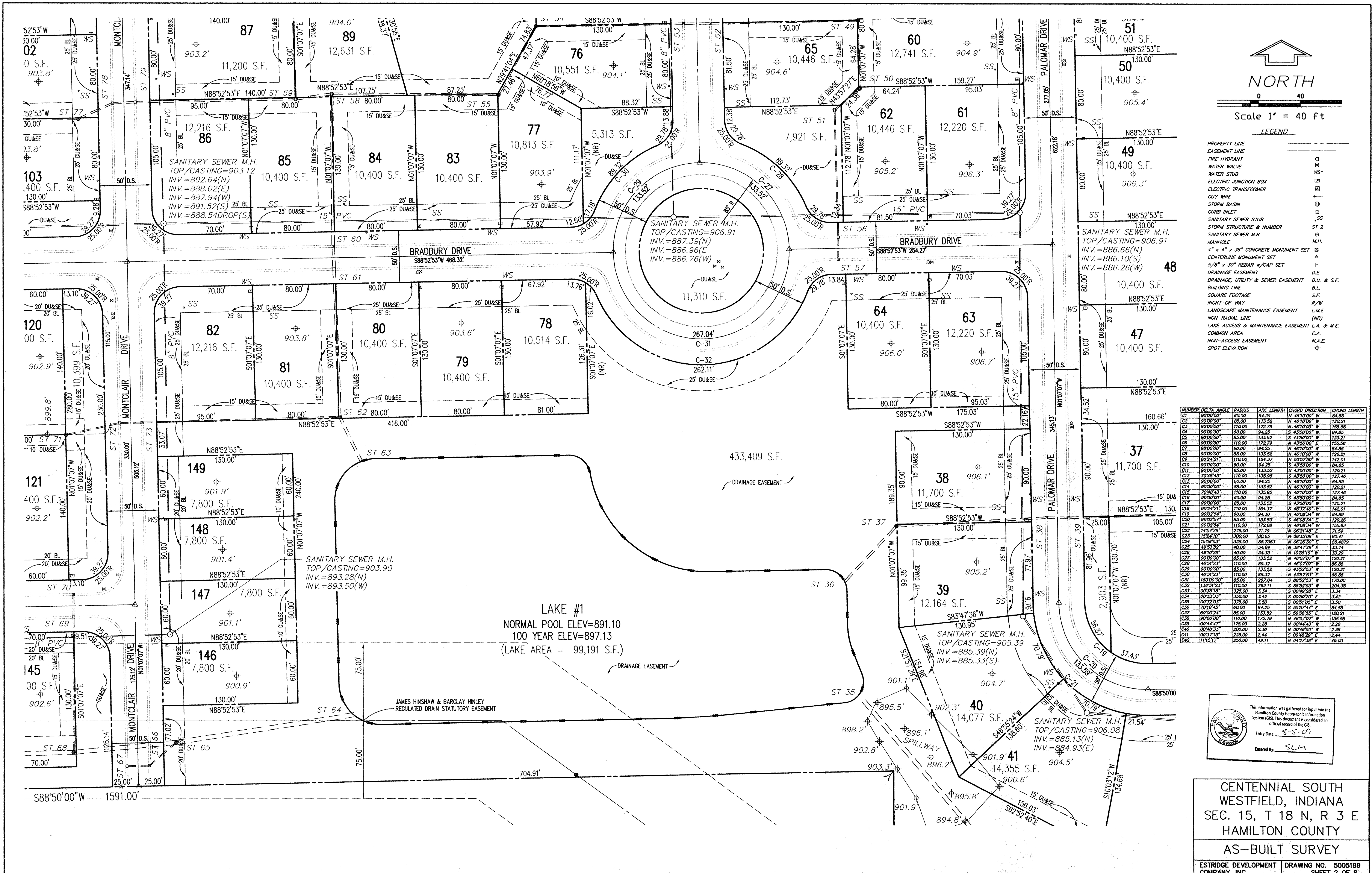
Entry Date: 8-5-09

Entered By: SLM

CENTENNIAL SOUTH WESTFIELD, INDIANA  
 SEC. 15, T 18 N, R 3 E  
 HAMILTON COUNTY  
 AS-BUILT SURVEY

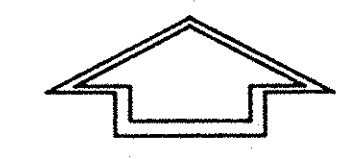
ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199 SHEET 2 OF 8

PREPARED BY BYNUM FANYO & ASSOCIATES INC. 528 N. WALNUT ST. BLOOMINGTON, IN. 47404 (812)332-8030



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NORTH

Scale 1" = 40 ft

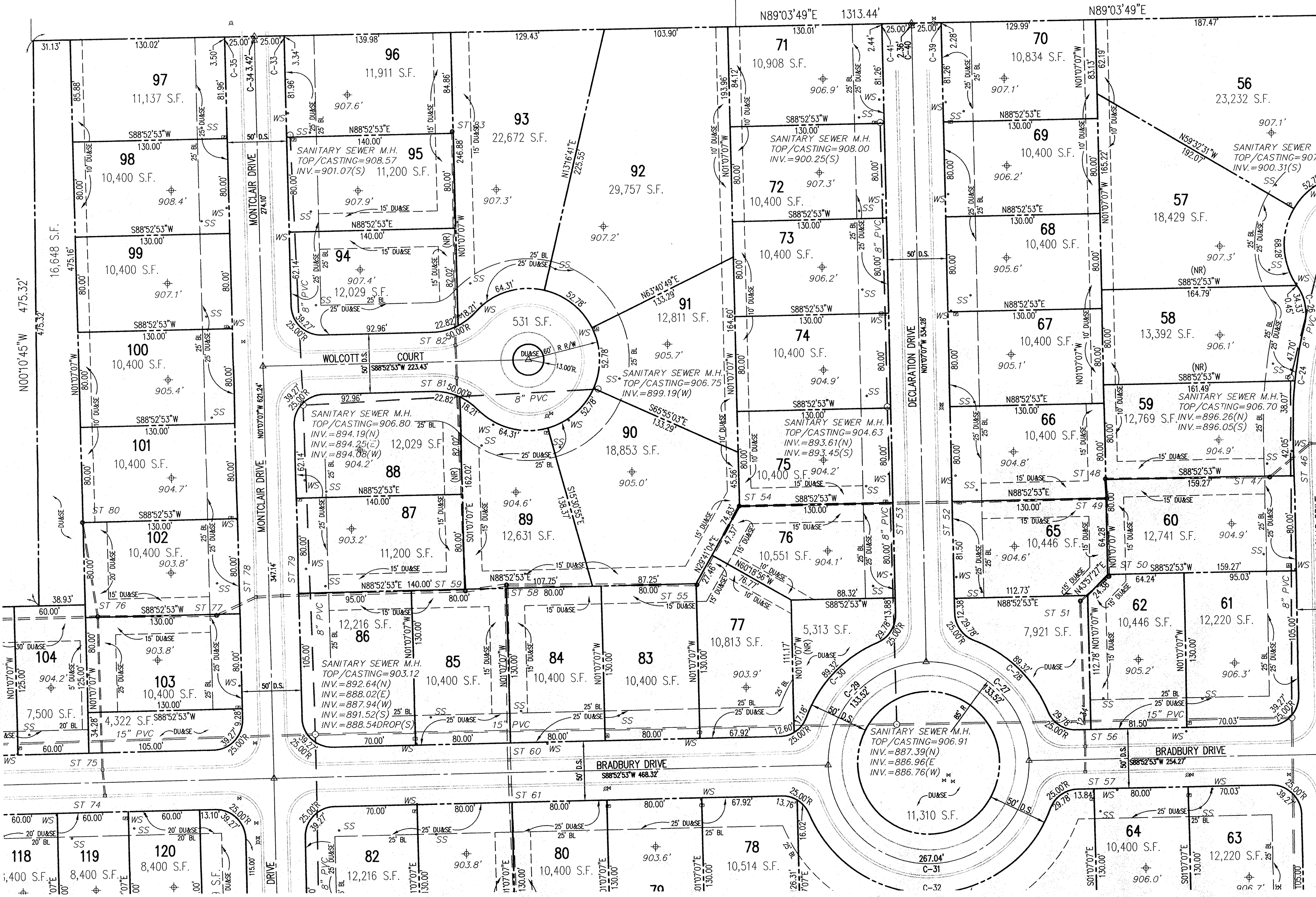
LEGEND

- PROPERTY LINE
- EASEMENT LINE
- FIRE HYDRANT
- WATER VALVE
- WATER STUD
- ELECTRIC JUNCTION BOX
- ELECTRIC TRANSFORMER
- QUIP WIRE
- STORM BASIN
- CURB INLET
- SANITARY SEWER STUB
- STORM STRUCTURE & NUMBER
- SANITARY SEWER M.H.
- MANHOLE
- 4" x 4" x 36" CONCRETE MONUMENT SET
- CENTERLINE MONUMENT SET
- 5/8" x 30" REBAR w/CAP SET
- DRAINAGE EASEMENT
- DRAINAGE, UTILITY & SEWER EASEMENT D.U. & S.E.
- BUILDING LINE
- SQUARE FOOTAGE
- RIGHT-OF-WAY
- LANDSCAPE MAINTENANCE EASEMENT
- NON-RADIAL LINE
- LAKE ACCESS & MAINTENANCE EASEMENT L.A. & M.E.
- COMMON AREA
- NON-ACCESS EASEMENT
- SPOT ELEVATION

NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD	DIRECTION	CHORD LENGTH
C1	90.00	94.25	N 48°10'00" W	84.85	84.85		
C2	90.00	133.52	N 48°10'00" W	120.21	120.21		
C3	90.00	172.79	N 48°10'00" W	155.56	155.56		
C4	90.00	94.25	S 43°30'00" W	84.85	84.85		
C5	90.00	133.52	S 43°30'00" W	120.21	120.21		
C6	90.00	172.79	S 43°30'00" W	155.56	155.56		
C7	90.00	94.25	N 48°10'00" E	84.85	84.85		
C8	90.00	133.52	N 48°10'00" E	120.21	120.21		
C9	90.00	172.79	N 48°10'00" E	155.56	155.56		
C10	90.00	94.25	S 43°30'00" E	84.85	84.85		
C11	90.00	133.52	S 43°30'00" E	120.21	120.21		
C12	90.00	172.79	S 43°30'00" E	155.56	155.56		
C13	90.00	94.25	N 48°10'00" W	84.85	84.85		
C14	90.00	133.52	N 48°10'00" W	120.21	120.21		
C15	90.00	172.79	N 48°10'00" W	155.56	155.56		
C16	90.00	94.25	S 43°30'00" W	84.85	84.85		
C17	90.00	133.52	S 43°30'00" W	120.21	120.21		
C18	90.00	172.79	S 43°30'00" W	155.56	155.56		
C19	90.00	94.25	N 48°10'00" E	84.85	84.85		
C20	90.00	133.52	N 48°10'00" E	120.21	120.21		
C21	90.00	172.79	N 48°10'00" E	155.56	155.56		
C22	145.52	272.00	N 06°21'48" E	25.59	25.59		
C23	129.40	300.00	N 06°35'09" E	28.41	28.41		
C24	120.63	325.00	N 06°28'30" E	30.47	30.47		
C25	49.53	40.00	N 39°47'29" E	33.74	33.74		
C26	120.63	40.00	N 06°35'09" E	33.99	33.99		
C27	90.00	85.00	N 48°10'00" E	70.21	70.21		
C28	46.31	110.00	N 48°10'00" E	86.86	86.86		
C29	90.00	133.52	S 43°30'00" E	117.46	117.46		
C30	46.31	110.00	S 43°30'00" E	86.86	86.86		
C31	180.00	85.00	S 88°52'53" W	170.00	170.00		
C32	138.31	23.00	S 88°52'53" W	204.35	204.35		
C33	120.63	125.00	S 43°30'00" E	117.46	117.46		
C34	00°33'43"	350.00	S 00°50'20" E	3.42	3.42		
C35	00°32'03"	375.00	S 00°51'05" E	3.50	3.50		
C36	120.63	60.00	N 48°10'00" E	51.45	51.45		
C37	69°02'24"	85.00	N 56°38'55" E	70.21	70.21		
C38	90.00	110.00	N 48°10'00" E	86.86	86.86		
C39	00°44'47"	175.00	N 00°44'43" E	2.28	2.28		
C40	00°45'15"	190.00	N 00°45'11" E	2.36	2.36		
C41	00°37'15"	225.00	S 00°48'29" E	2.44	2.44		
C42	111°51'17"	260.00	N 04°27'38" E	48.03	48.03		

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: 8-5-09  
 Entered by: SLM

CENTENNIAL SOUTH WESTFIELD, INDIANA  
 SEC. 15, T 18 N, R 3 E  
 HAMILTON COUNTY  
 AS-BUILT SURVEY  
 ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199 SHEET 3 OF 8







Scale 1" = 40 ft

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- FIRE HYDRANT
- WATER VALVE
- WATER STUB
- ELECTRIC JUNCTION BOX
- ELECTRIC TRANSFORMER
- GUY WIRE
- STORM BASIN
- CURB INLET
- SANITARY SEWER STUB
- STORM STRUCTURE & NUMBER
- SANITARY SEWER M.H.
- MANHOLE
- 4" x 4" x 36" CONCRETE MONUMENT SET
- CENTERLINE MONUMENT SET
- 5/8" x 30" REBAR W/CAP SET
- DRAINAGE EASEMENT
- DRAINAGE, UTILITY & SEWER EASEMENT
- BUILDING LINE
- SQUARE FOOTAGE
- RIGHT-OF-WAY
- LANDSCAPE MAINTENANCE EASEMENT
- NON-RADIAL LINE
- LAKE ACCESS & MAINTENANCE EASEMENT
- COMMON AREA
- NON-ACCESS EASEMENT
- SPOT ELEVATION

NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD	DIRECTION	CHORD LENGTH
C1	90.00	00'	60.00	94.25	N 46°10'00" W	84.85	
C2	90.00	00'	65.00	133.52	N 46°10'00" W	120.21	
C3	90.00	00'	110.00	172.79	N 46°10'00" W	155.56	
C4	90.00	00'	60.00	94.25	S 43°50'00" W	84.85	
C5	90.00	00'	65.00	133.52	S 43°50'00" W	120.21	
C6	90.00	00'	110.00	172.79	S 43°50'00" W	155.56	
C7	90.00	00'	60.00	94.25	N 46°10'00" W	84.85	
C8	90.00	00'	65.00	133.52	N 46°10'00" W	120.21	
C9	80.24	21'	110.00	154.37	N 50°57'50" W	142.01	
C10	90.00	00'	60.00	94.25	S 43°50'00" W	84.85	
C11	90.00	00'	65.00	133.52	S 43°50'00" W	120.21	
C12	70°48'	43"	110.00	158.95	S 43°50'00" W	122.46	
C13	90.00	00'	60.00	94.25	N 46°10'00" W	84.85	
C14	90.00	00'	65.00	133.52	N 46°10'00" W	120.21	
C15	70°48'	43"	110.00	158.95	N 46°10'00" W	122.46	
C16	90.00	00'	60.00	94.25	S 43°50'00" W	84.85	
C17	90.00	00'	65.00	133.52	S 43°50'00" W	120.21	
C18	80.24	21'	110.00	154.37	S 48°57'40" W	142.01	
C19	90.00	00'	60.00	94.25	N 46°10'00" W	84.85	
C20	90.00	00'	65.00	133.52	S 46°08'54" E	120.26	
C21	90.00	00'	110.00	172.88	N 46°08'54" W	155.63	
C22	144°57'	59"	125.00	211.79	N 06°21'48" E	211.59	
C23	152°41'	10"	300.00	600.65	N 06°35'09" E	601.47	
C24	151°06'	53"	325.00	651.36	N 06°26'30" E	651.48	
C25	48°53'	52"	40.00	54.84	N 36°47'29" E	53.74	
C26	48°53'	52"	40.00	54.84	N 10°33'10" E	53.29	
C27	90.00	00'	65.00	133.52	N 46°07'07" W	120.21	
C28	46°31'	23"	110.00	88.32	N 46°07'07" W	86.88	
C29	90.00	00'	65.00	133.52	N 43°52'53" E	120.21	
C30	46°31'	23"	110.00	88.32	N 43°52'53" E	86.88	
C31	180.00	00'	65.00	267.04	S 89°52'53" W	170.00	
C32	135°31'	23"	110.00	262.11	N 06°11'00" W	204.35	
C33	00°35'	16"	325.00	3.34	S 00°49'28" E	3.34	
C34	00°35'	16"	350.00	3.42	S 00°50'20" E	3.42	
C35	00°32'	03"	325.00	3.30	S 00°51'05" E	3.30	
C36	70°18'	46"	60.00	84.25	S 25°17'45" E	84.85	
C37	69°00'	24"	65.00	133.52	S 26°36'55" E	120.21	
C38	90.00	00'	110.00	172.79	N 46°07'07" W	155.56	
C39	00°44'	47"	125.00	2.28	N 00°44'47" W	2.28	
C40	00°40'	33"	200.00	2.36	N 00°46'50" W	2.36	
C41	00°37'	15"	225.00	2.44	S 00°48'29" E	2.44	
C42	117°17'	17"	250.00	49.11	N 04°27'38" E	48.03	

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

Entry Date: 8-5-09

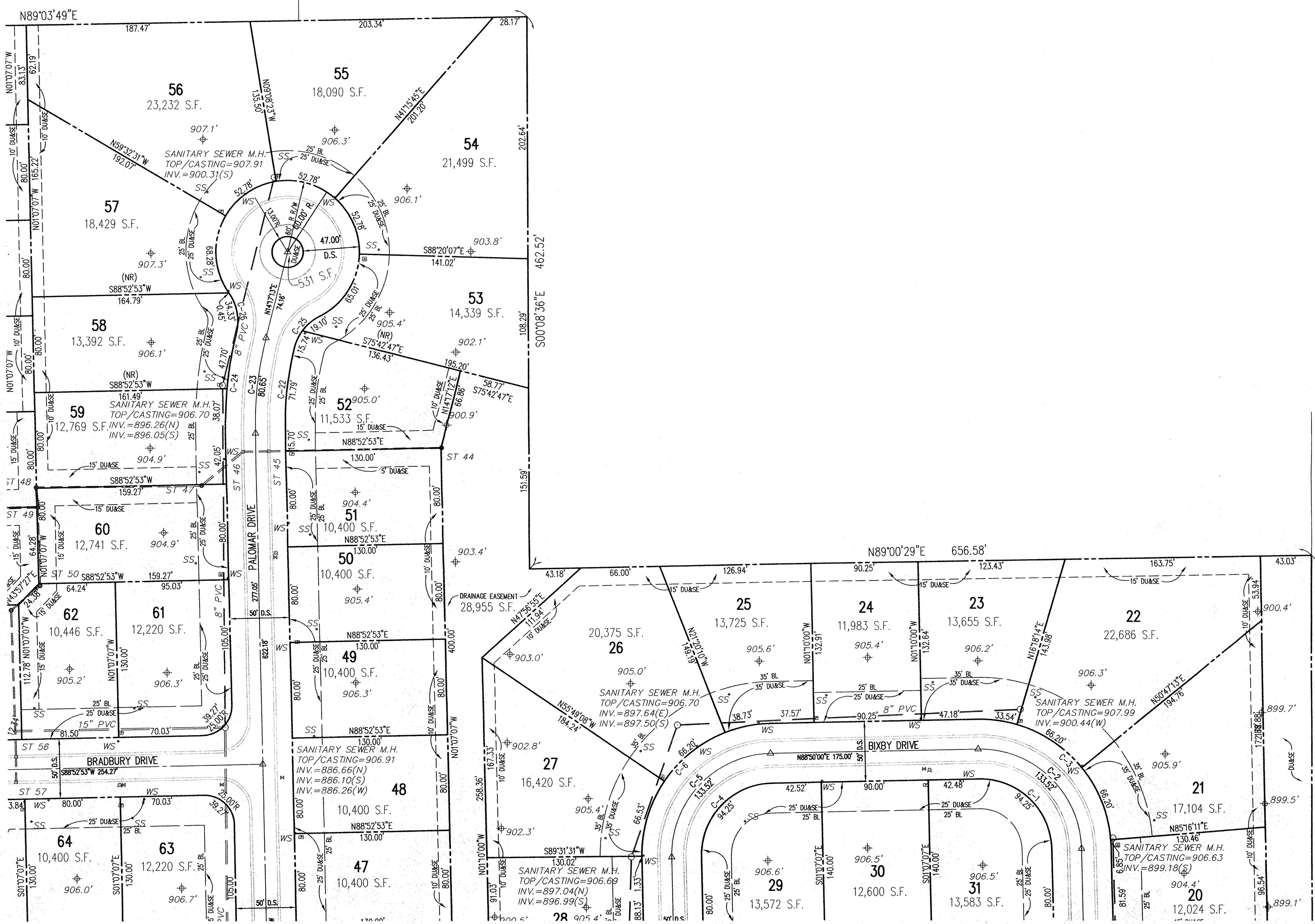
Entered By: SLM

CENTENNIAL SOUTH  
WESTFIELD, INDIANA  
SEC. 15, T 18 N, R 3 E  
HAMILTON COUNTY  
AS-BUILT SURVEY

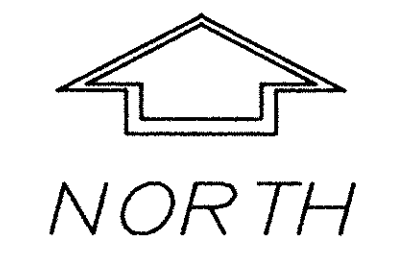
ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199 SHEET 4 OF 8

PREPARED BY BYNUM FANYO & ASSOCIATES INC. 528 N. WALNUT ST. BLOOMINGTON, IN. 47404 (812)332-8030

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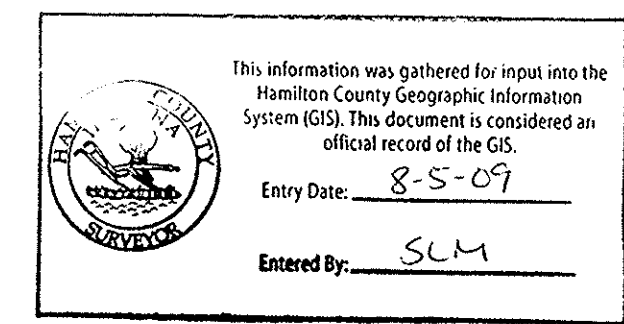


Scale 1" = 40 ft

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- FIRE HYDRANT
- WATER VALVE
- WATER STUB
- ELECTRIC JUNCTION BOX
- ELECTRIC TRANSFORMER
- CLAY WIRE
- STORM BASIN
- CURB INLET
- SANITARY SEWER STUB
- STORM STRUCTURE & NUMBER
- SANITARY SEWER M.H.
- MANHOLE
- 4" x 4" x 36" CONCRETE MONUMENT SET
- CENTERLINE MONUMENT SET
- 5/8" x 30" REBAR w/CAP SET
- DRAINAGE EASEMENT
- DRAINAGE, UTILITY & SEWER EASEMENT
- BUILDING LINE
- SQUARE FOOTAGE
- RIGHT-OF-WAY
- LANDSCAPE MAINTENANCE EASEMENT
- NON-RADIAL LINE
- LAKE ACCESS & MAINTENANCE EASEMENT L.A. & M.E.
- COMMON AREA
- NON-ACCESS EASEMENT
- SPOT ELEVATION

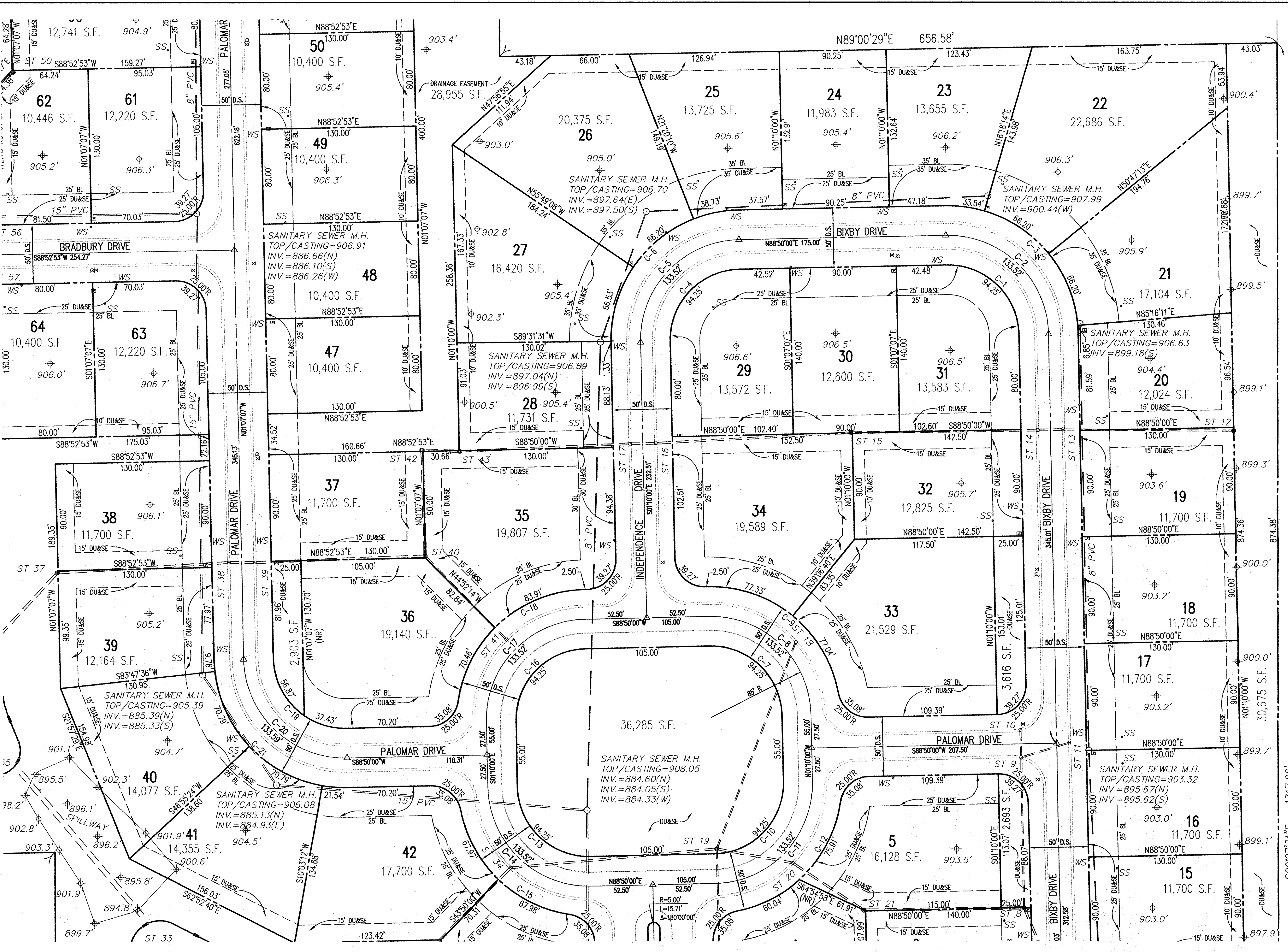
NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD	DIRECTION	CHORD LENGTH
C1	90.00	0.00	84.25	133.52	133.52	N 46.70° W	84.25
C2	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C3	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C4	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C5	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C6	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C7	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C8	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C9	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C10	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C11	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C12	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C13	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C14	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C15	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C16	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C17	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C18	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C19	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C20	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C21	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C22	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C23	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C24	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C25	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C26	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C27	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C28	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C29	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C30	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C31	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C32	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C33	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C34	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C35	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C36	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79
C37	90.00	60.00	84.25	133.52	133.52	N 46.70° W	84.25
C38	90.00	85.00	133.52	133.52	133.52	N 46.70° W	133.52
C39	90.00	110.00	172.79	172.79	172.79	N 46.70° W	172.79
C40	90.00	60.00	84.25	133.52	133.52	S 43.30° W	84.25
C41	90.00	85.00	133.52	133.52	133.52	S 43.30° W	133.52
C42	90.00	110.00	172.79	172.79	172.79	S 43.30° W	172.79



CENTENNIAL SOUTH  
WESTFIELD, INDIANA  
SEC. 15, T 18 N, R 3 E  
HAMILTON COUNTY  
AS-BUILT SURVEY

ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199 SHEET 5 OF 8

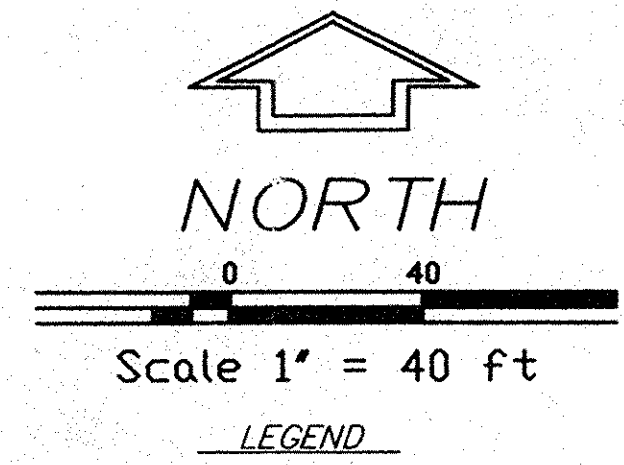
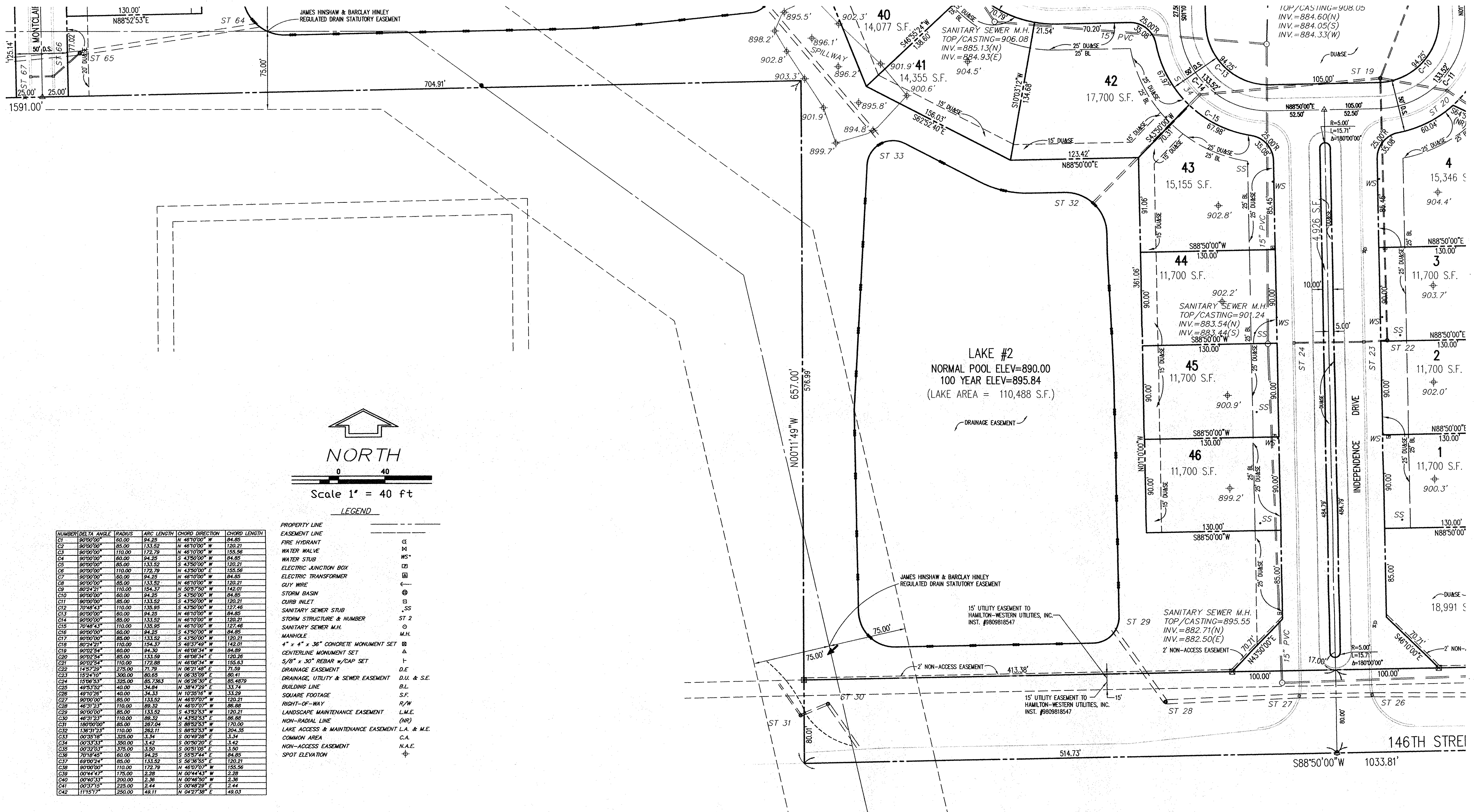
PREPARED BY BYNUM FANYO & ASSOCIATES INC. 528 N. WALNUT ST. BLOOMINGTON, IN. 47404 (812)332-8030











**LEGEND**

PROPERTY LINE	---
EASEMENT LINE	---
FIRE HYDRANT	⊕
WATER VALVE	⊕
WATER STUB	⊕
ELECTRIC JUNCTION BOX	⊕
ELECTRIC TRANSFORMER	⊕
GUY WIRE	—
STORM BASIN	⊕
CURB INLET	⊕
SANITARY SEWER STUB	—
STORM STRUCTURE & NUMBER	ST 2
SANITARY SEWER M.H.	⊕
MANHOLE	⊕
4" x 4" x 36" CONCRETE MONUMENT SET	⊕
CENTERLINE MONUMENT SET	⊕
5/8" x 30" REBAR w/CAP SET	⊕
DRAINAGE EASEMENT	D.E.
DRAINAGE, UTILITY & SEWER EASEMENT	D.U. & S.E.
BUILDING LINE	B.L.
SQUARE FOOTAGE	S.F.
RIGHT-OF-WAY	R/W
LANDSCAPE MAINTENANCE EASEMENT	L.M.E.
NON-RADIAL LINE	(NR)
LAKE ACCESS & MAINTENANCE EASEMENT	L.A. & M.E.
COMMON AREA	C.A.
NON-ACCESS EASEMENT	N.A.E.
SPOT ELEVATION	⊕

NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	90°00'00"	60.00	94.25	N 48°10'00" W	84.85
C2	90°00'00"	60.00	133.52	N 48°10'00" W	120.21
C3	90°00'00"	110.00	172.79	N 48°10'00" W	155.56
C4	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C5	90°00'00"	85.00	133.52	S 43°50'00" W	120.21
C6	90°00'00"	110.00	172.79	N 43°50'00" E	155.56
C7	90°00'00"	60.00	94.25	N 48°10'00" W	84.85
C8	90°00'00"	65.00	133.52	N 48°10'00" W	120.21
C9	89°24'21"	110.00	154.37	N 50°25'20" W	142.01
C10	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C11	90°00'00"	85.00	133.52	S 43°50'00" W	120.21
C12	70°48'43"	110.00	155.95	S 43°50'00" W	127.46
C13	90°00'00"	60.00	94.25	N 48°10'00" W	84.85
C14	90°00'00"	85.00	133.52	N 48°10'00" W	120.21
C15	70°48'43"	110.00	155.95	N 48°10'00" W	127.46
C16	90°00'00"	60.00	94.25	S 43°50'00" W	84.85
C17	90°00'00"	85.00	133.52	S 43°50'00" W	120.21
C18	80°24'21"	110.00	154.37	S 48°37'49" W	142.01
C19	90°02'54"	60.00	94.30	N 48°08'54" E	84.89
C20	90°02'54"	85.00	133.59	S 48°08'54" E	120.26
C21	90°02'54"	110.00	172.88	N 48°08'54" E	155.63
C22	114°57'29"	275.00	71.79	N 08°21'48" E	71.59
C23	152°41'0"	500.00	60.65	N 06°35'09" E	80.41
C24	152°06'53"	325.00	85.7363	N 06°28'30" E	85.4879
C25	48°53'52"	40.00	34.84	N 38°47'29" E	33.74
C26	48°07'26"	40.00	34.53	N 12°07'16" W	33.29
C27	90°00'00"	85.00	133.52	N 48°07'07" W	120.21
C28	46°31'23"	110.00	89.32	N 48°07'07" W	86.88
C29	90°00'00"	85.00	133.52	S 43°52'53" E	120.21
C30	46°31'23"	110.00	89.32	N 43°52'53" E	86.88
C31	180°00'00"	85.00	287.04	S 88°53'53" W	170.00
C32	158°31'29"	110.00	262.11	S 86°52'53" W	204.45
C33	00°02'58"	325.00	1.54	S 00°48'28" E	3.34
C34	00°33'33"	350.00	3.42	S 00°50'20" E	3.42
C35	00°12'03"	375.00	3.50	S 00°51'05" E	3.50
C36	27°02'45"	60.00	94.25	S 62°57'44" E	84.85
C37	69°02'24"	85.00	133.52	S 56°36'55" E	120.21
C38	90°00'00"	110.00	172.79	N 48°07'07" W	155.56
C39	00°44'47"	175.00	2.50	N 00°44'47" E	2.50
C40	00°40'33"	200.00	2.50	N 00°46'50" W	2.50
C41	00°37'15"	225.00	2.44	S 00°48'29" E	2.44
C42	171°51'17"	250.00	48.11	N 04°27'38" E	48.03

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: 3-5-09  
Entered By: SLM

CENTENNIAL SOUTH  
WESTFIELD, INDIANA  
SEC. 15, T 18 N, R 3 E  
HAMILTON COUNTY  
AS-BUILT SURVEY

ESTRIDGE DEVELOPMENT COMPANY, INC. DRAWING NO. 5005199 SHEET 7 OF 8

FILED  
FEB 27 2009  
OFFICE OF HAMILTON COUNTY SURVEYOR

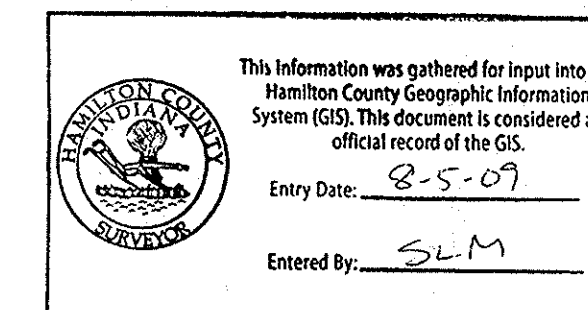


### STRUCTURE DATA TABLE

STR. NO.	CASTING-INLET	TOP OF CASTING AT FLOWLINE	PIPE TYPE	PIPE LENGTH (FT)	PIPE SIZE (IN)	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)	COMMENTS
ST 1	BEEHIVE INLET	896.70	RCP	388	48	883.92	----	883.92	883.92	
ST 2	BEEHIVE INLET	895.95	RCP	67	12	----	888.80	----	----	
ST 3	CURB INLET	897.88	RCP	25	12	894.18	----	----	----	
ST 4	CURB INLET	897.88	RCP	173	15	893.68	893.90	----	----	
ST 5	BEEHIVE INLET	897.89	RCP	143	15	----	893.59	----	894.14	
ST 6	CURB INLET	900.68	RCP	21	15	----	----	892.96	892.98	
ST 7	CURB INLET	900.57	RCP	54	18	----	----	893.07	892.85	
ST 8	STORM MAN HOLE	901.69	RCP	127	18	896.79	892.79	----	892.54	
ST 9	CURB INLET	901.93	RCP	----	12	897.98	897.76	898.43	----	
ST 10	CURB INLET	902.00	RCP	21	12	----	898.17	----	----	
ST 11	CURB INLET	902.38	RCP	42	12	----	----	----	897.68	
ST 12	BEEHIVE INLET	898.84	RCP	144	12	----	----	----	896.04	
ST 13	CURB INLET	905.04	RCP	19	12	----	----	895.24	895.64	
ST 14	CURB INLET	905.02	RCP	155	12	----	----	895.34	895.22	
ST 15	BEEHIVE INLET	902.82	RCP	165	18	----	----	894.62	894.47	
ST 16	CURB INLET	904.23	RCP	19	18	----	----	893.75	893.88	
ST 17	CURB INLET	904.33	RCP	142	18	----	----	893.78	893.63	
ST 18	CURB INLET	904.85	RCP	185	12	----	901.01	----	----	
ST 19	STORM MAN HOLE	906.89	RCP	174	18	900.24	895.79	891.74	891.69	
ST 20	CURB INLET	904.75	RCP	64	18	----	----	892.05	892.05	
ST 21	BEEHIVE INLET	901.35	RCP	72	18	----	----	892.46	892.46	
ST 22	STORM MAN HOLE	901.84	RCP	250	12	897.14	----	----	897.54	
ST 23	CURB INLET	901.31	RCP	20	12	----	----	897.11	897.21	
ST 24	CURB INLET	901.23	RCP	67	12	----	----	897.58	----	
ST 25	BEEHIVE INLET	895.97	RCP	258	48	----	----	884.62	884.62	
ST 26	CURB INLET	894.97	RCP	150	48	----	----	884.97	884.69	
ST 27	CURB INLET	894.88	RCP	71	48	----	----	884.83	885.14	
ST 28	BEEHIVE INLET	892.46	RCP	131	48	885.61	----	885.61	----	
ST 29	END OF PIPE	----	RCP	85	48	----	----	----	----	893.71 INV
ST 30	CONVEX GRATE INLET	892.26	RCP	21	36	----	886.46	----	886.46	
ST 31	CONVEX GRATE INLET	892.87	RCP	28	24	----	----	886.79	----	
ST 32	END OF PIPE	----	RCP	147	24	----	----	----	----	889.97 INV
ST 33	END OF PIPE	----	RCP	----	48	----	----	----	----	890.33 INV
ST 34	CURB INLET	904.64	RCP	120	24	----	----	890.43	890.30	
ST 35	END OF PIPE	----	RCP	160	48	----	----	----	----	891.09 INV
ST 36	END OF PIPE	----	RCP	----	21	----	----	----	----	891.21 INV
ST 37	BEEHIVE INLET	903.45	RCP	72	24	----	891.51	891.51	----	
ST 38	CURB INLET	903.12	RCP	144	12	----	----	892.18	892.07	
ST 39	CURB INLET	903.08	RCP	20	12	----	----	892.43	892.08	
ST 40	BEEHIVE INLET	903.58	RCP	142	24	892.53	----	900.58	892.53	
ST 41	CURB INLET	904.72	RCP	97	12	900.72	----	----	----	
ST 42	BEEHIVE INLET	903.46	RCP	88	24	----	892.54	892.54	----	
ST 43	BEEHIVE INLET	899.34	RCP	30	24	----	----	892.99	892.99	
ST 44	BEEHIVE INLET	901.25	RCP	144	12	----	----	----	898.52	
ST 45	CURB INLET	904.85	RCP	20	12	----	----	897.68	897.60	
ST 46	CURB INLET	904.74	RCP	43	15	----	----	897.76	897.64	
ST 47	STORM MAN HOLE	906.30	RCP	139	15	----	----	897.30	897.25	
ST 48	BEEHIVE INLET	902.73	RCP	16	18	----	896.83	896.83	----	
ST 49	BEEHIVE INLET	903.08	RCP	143	18	896.78	----	----	896.78	
ST 50	BEEHIVE INLET	904.01	RCP	66	12	898.96	898.96	----	----	
ST 51	BEEHIVE INLET	903.86	RCP	32	12	----	899.11	898.94	----	
ST 52	CURB INLET	902.82	RCP	26	18	----	----	895.70	895.57	
ST 53	CURB INLET	902.88	RCP	142	21	----	----	895.50	895.43	
ST 54	BEEHIVE INLET	902.94	RCP	202	21	----	894.84	894.9	----	
ST 55	BEEHIVE INLET	902.77	RCP	160	21	896.47	----	896.47	----	

### STRUCTURE DATA TABLE

STR. NO.	CASTING-INLET	TOP OF CASTING AT FLOWLINE	PIPE TYPE	PIPE LENGTH (FT)	PIPE SIZE (IN)	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)	COMMENTS
ST 56	CURB INLET	903.45	RCP	120	12	899.70	899.75	----	----	
ST 57	CURB INLET	903.32	RCP	20	12	900.00	----	----	----	
ST 58	BEEHIVE INLET	902.24	RCP	147	30	899.34	----	893.64	893.96	
ST 59	BEEHIVE INLET	901.60	RCP	35	18	----	----	892.15	892.15	
ST 60	CURB INLET	901.85	RCP	21	30	892.23	892.00	----	----	
ST 61	CURB INLET	901.79	RCP	142	30	891.69	891.79	----	----	
ST 62	BEEHIVE INLET	900.71	RCP	46	30	891.16	891.11	----	895.41	
ST 63	END OF PIPE	----	RCP	----	30	----	----	----	----	891.06 INV
ST 64	END OF PIPE	----	RCP	----	48	----	----	----	----	891.09 INV
ST 65	BEEHIVE INLET	901.83	RCP	173	48	----	----	891.28	891.53	
ST 66	CURB INLET	901.50	RCP	32	12	----	----	898.10	898.07	
ST 67	CURB INLET	901.53	RCP	20	12	----	----	----	898.28	
ST 68	BEEHIVE INLET	901.20	RCP	99	48	891.80	----	892.00	891.80	
ST 69	CURB INLET	901.13	RCP	128	12	897.53	897.48	----	----	
ST 70	CURB INLET	901.02	RCP	20	12	----	897.87	----	----	
ST 71	BEEHIVE INLET	900.11	RCP	53	12	----	----	897.56	----	
ST 72	CURB INLET	901.21	RCP	20	12	----	----	896.91	897.01	
ST 73	CURB INLET	901.26	RCP	188	12	----	----	896.81	896.96	
ST 74	CURB INLET	902.23	RCP	20	12	899.03	----	----	----	
ST 75	CURB INLET	902.25	RCP	128	12	898.90	899.00	----	----	
ST 76	BEEHIVE INLET	902.49	RCP	100	18	899.59	----	897.49	897.54	
ST 77	STORM MAN HOLE	902.86	RCP	37	18	----	----	896.21	896.28	
ST 78	CURB INLET	902.03	RCP	36	18	----	----	895.98	895.85	
ST 79	CURB INLET	902.03	RCP	18	18	----	----	895.68	895.58	
ST 80	BEEHIVE INLET	903.04	RCP	80	12	----	900.09	----	----	
ST 81	CURB INLET	904.76	RCP	165	12	900.76	900.66	----	----	
ST 82	CURB INLET	904.73	RCP	26	12	902.08	900.83	----	----	
ST 83	BEEHIVE INLET	905.93	RCP	180	12	----	903.23	----	----	
ST 84	CONVEX GRATE INLET	902.59	RCP	364	18	899.99	----	899.39	899.64	
ST 85	CURB INLET	905.60	RCP	20	12	----	902.00	----	----	
ST 86	CURB INLET	905.54	RCP	154	12	901.99	901.94	----	----	
ST 87	BEEHIVE INLET	902.72	RCP	152	12	899.92	899.92	----	----	
ST 88	CURB INLET	904.04	RCP	20	12	899.19	899.14	----	----	
ST 89	CURB INLET	903.94	RCP	130	12	899.07	899.04	----	----	
ST 90	BEEHIVE INLET	903.73	RCP	437	48	892.39	----	892.07	892.43	
ST 91	CONVEX GRATE INLET	902.04	RCP	284	48	----	----	893.09	893.09	
ST 92	BEEHIVE INLET	905.71	RCP	54	48	----	----	892.95	892.95	
ST 93	BOX INLET	897.98	RCP	108	48	----	----	892.78	895.08	
ST 94	END OF PIPE	----	CMP	POND	12	----	----	----	----	898.89 INV
ST 95	CURB INLET	904.86	RCP	78	12	901.81	----	----	----	
ST 96	CURB INLET	905.85	RCP	48	12	901.30	901.35	----	----	
ST 97	CURB INLET	905.71	RCP	128	12	901.06	901.19	----	----	
ST 98	BEEHIVE INLET	905.21	RCP	12	12	----	900.93	900.81	----	
ST 99	BEEHIVE INLET	896.79	RCP	71	12	----	889.71	----	----	
ST 100	BEEHIVE INLET	890.52	RCP	112	48	----	----	----	----	
ST 101	END OF PIPE	----	RCP	----	48	----	----	----	----	883.07 INV

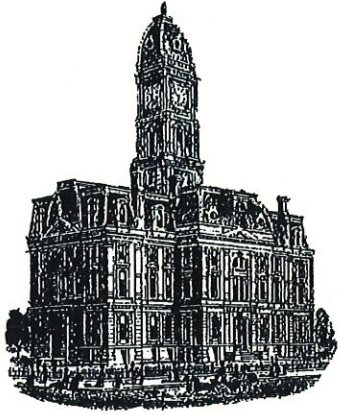


CENTENNIAL SOUTH  
 WESTFIELD, INDIANA  
 SEC. 15, T 18 N, R 3 E  
 HAMILTON COUNTY  
 AS-BUILT SURVEY

ESTRIDGE DEVELOPMENT COMPANY, INC.      DRAWING NO. 5005199  
 SHEET 8 OF 8

FILED  
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 OFFICE OF HAMILTON COUNTY SURVEYOR





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

**Map Correction-Field Verification**

**Drain Number:** 315

**Drain Length:** 7032

**Drain Name:** Centennial South

**Change + / - :** 169

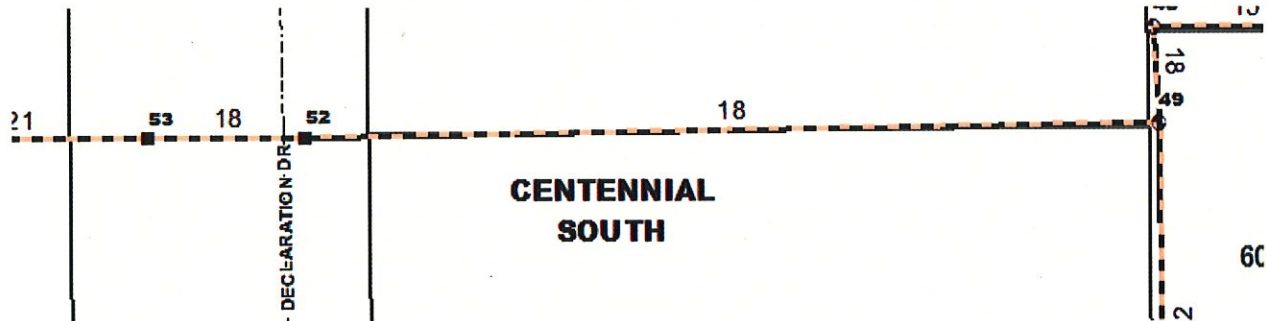
**Date:** 12-28-2016

**New Length:** 7201

**Verified By:** SLM

**Notes & Sketch:**

There was 169 feet of 18" RCP left of the final report footage. (Strs. 53-52, 52-49)



*Suzanne L. Mills*  
 Suzanne L. Mills  
 GIS Specialist