Drain: <u>CENTENNIAL OBAIN</u>	Drain #:_ <i>3ಟ</i>
Improvement/Arm: <u>Centennal Town է</u>	HOMES - SECTION 1
Operator: <i>⋝เм</i> /ɹ <u>он</u>	Date: //-7-03
Drain Classification: Urban/Rura	l Year Installed: 2001

GIS Drain Input Checklist

•	Pull Source Documents for Scanning	JA. 11-7
•	Digitize & Attribute Tile Drains	N/A
•	Digitize & Attribute Storm Drains	sun/gr 11-7
•	Digitize & Attribute SSD	sim/gzz. 11-7
•	Digitize & Attribute Open Ditch	N/9
•	Stamp Plans	grs 11-7
•	Sum drain lengths & Validate	J92 11-7
•	Enter Improvements into Posse	918-11-7
•	Enter Drain Age into Posse	- for 11-7
•	Sum drain length for Watershed in Posse	for f 11-17
•	Check Database entries for errors	Q141+7

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: CENTENNIAL DRAIN - CENTENNIAL TOWNHOMES - SECTION &

Drain Type:	Size:	Length SURVEYORS (RAPORT)	Length	Length	E LE LAGE	
	312e:		(DB Query)	Reconcile	Price:	Cost:
RCP	/2"	/346	1,340'	Ø		
	15"	Z881	Z88"	Ø		
	18"	415'	415	Ø		
	24"	349'	3491	Ø		
	30"	/26'	/201	ø		
·						
	<u> </u>					
	Sum:	2512	<u> 2512'</u>	Ø		
Final Report:						
Comments:						
			*			



Kenton C. Ward, Surveyor Phone (317) 776-8495 Fax (317) 776-9628

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

December 19, 2001

TO: Hamilton County Drainage Board

RE: Centennial Drain, Townhouses Phase I and Clubhouse Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Townhouses Phase I and Clubhouse Arm, Centennial 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 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	1248 ft	24" RCP	348 ft
15" RCP	287 ft	30" RCP	124 ft
18" RCP	413 ft		

The total length of the drain will be 2,420 feet.

The portions of drainage facilities to be part of the regulated drain are shown on the plans prepared by the Schneider Corporation dated March 15, 2000. The regulated portions of the drainage facilities are those sections of pipe between the following structures: 422-421, 421-419, 419-420, 419-414, 414-201-Outlet, E202-201, E254-254A, 417-416, 418-416, 416-415, 415-414, 432-433, 433-434, 434-435, and 431-430, 430-429,428-427, 427-426, 426-424, 424-423.

This also reduces the length of drain for Section 1 of Centennial as set out in my surveyors report dated October 16, 1998. This involves the removal of the pipe lengths between structures 202, 201, and 200. This affects 218 feet of 24" RCP.

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 lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$500.00.

Parcels assessed for this drain may be assessed for the Osborn-Collins or Williams Creek Drain at sometime in the future.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain 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 Centennial Subdivision Section 1 Final Plat Amendment 1: Revision to Block "A" and Block "B" Townhome Parcels 10 and 13 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 28, 2002

Kenton C. Ward

Hamilton County Surveyor

KCW/mkh

STATE OF INDIANA
COUNTY OF HAMILTON

TO: HAMILTON COUNTY DRAINAGE BOARD c/o Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of	Centennial			Subdivision
Sactions a		One		040417131011
Sections Centennial	Townhomes	Phase	Drain Petition.	

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain.

Centennial Townhomes

The drainage will affect various lots in Phase One 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 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 Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- 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.

- 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 reproducable 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 Petitioner's cost as per IC 36-9-27-46.

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

Signed Signed
Printed Name
Signed
Printed Name
RECORDED OWNER(S) OF LAND INVOLVED DATE 11/7/6;

Released March 12, 2001



SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

DUPLICATE ORIGINAL

	BOND NO.: 885595S
KNOW ALL MEN BY THESE PRESENTS:	
and DEVELOPERS SURETY AND INDEMNIT	1041 West Main, Carmel, IN 46032 as Principal, Y COMPANY, a corporation organized and doing e State of Iown and duly licensed to conduct surety Surety, are held and firmly bound unto
Hamilton County Board of Commissioners 1 Hamilton County Square Noblesville, IN 46060-2230	; ;
as Obligee, in the sum of <u>One Hundred Seven Thousar</u> (\$107,297.00) for which payment, well executors and successors, jointly and severally firmly	d Two Hundred Minety-Seven & NO/100 Dollars, and truly to be made, we bind ourselves, our heirs, y by these presents.
THE CONDITION OF THE OBLIGATION IS SUC	CH THAT:
WHEREAS, the above named Principal, has Subdivis	sion, in Westfield , Indiana the
following improvements: Storm sewers, including	subsurface drains & inlets.
term that may be granted by the Obligee with or wit otherwise it shall remain in full force and effect. IN WITNESS WHEREOF, the seal and signature of	ion is such, that if the above Principal shall well and the original term thereof or of any extension of said hout notice to the Surety, this obligation shall be void, feath Principal is hereto affixed and the corporate seal dattested by its duly authorized Attorney-in-Fact, this 2000.
Estr	idge Development Company, Inc.
BY:	Principal
DEV:	ELOPERS SURETY AND INDEMNITY COMPANY
BY:	Cypthiad Denti
This copy printed from the Digital Archive of the Hamilton County Surveyor	Cynthia L. Jenkins ors Office; One Hamilton Co. Square, Ste. 188, Noblesville, ttorney-in-Fact



SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

	Bond No. <u>885955</u> S
Know all men by these presents:	
That we, Estridge Development Company, Inc. and Developers Surety and Indomnity Company, a Corporation laws of the State of Iowa and duly licensed to conduct a general sare held and firmly bound unto Hamilton County Board of in the sum of Four Thousand Five Hundred and No/100 D (\$ 4,500,00) Dollars for which payment, well and truly	Commissioners in the State of 110, as Surety
successors, jointly and severally firmly by these presents.	roperty described as <u>Centennial Townhomes</u>
Whereas, Principal, has, as a condition to approval of the improvements, consisting of Monuments & Marken's in the plans and specifications prepared by	ne plat for the real property, agreed to construct certain lan, as specifies; and
Whereas, Principal is required to provide security for th	
the conditions for plat approval, and delivers them, in good and conditions, or any extension thereof, granted by Obligee, with or otherwise to remain in full force and effect, subject further to the 1. The obligation of surety shall, in no event, exceed the condition of surety shall, in no event, exceed the condition of surety shall, in no event, exceed the condition of surety shall, in no event, exceed the condition of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall, in no event, exceed the conditions of surety shall be conditioned as a surety shall be	r without notice to Surety, then this obligation shall be void following terms and conditions:
 3. This bond shall remain in full force and effect until hereof may be reduced upon resolution of Obligee. 4. Neither this bond, nor any right or obligation here. 	il release by the Obligee, provided further that the penal su reunder may be assigned, conveyed or hypothecated exce
upon the express, written, consent of Surety and Presserry and Presserry my hand and seal this 1st day of	rincipal.
Estridge Development Company, Inc.	Developers Surery and Indomnity Company Surety
BY 2	BY: CHNULLIA & Jenking
Title: 1 war Lucivea	Cynthia L. Jenkins Attorney-in-Fact
	BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTO
S1P0300	
HAMILTON COUNTY AUDITOR	DATE

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor RE: CENTENNIAL TOWNHOMES, PHASE I I hereby certify that: 1. I am a Registered Land Surveyor or Engineer in the State of Indiana. 2. I am familiar with the plans and specifications for the above referenced subdivision. 3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision. 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in comformity with all plans and specifications. Date: 2/23/01 Type or Print Name: J. CORT CROSSY P.E. Business Address: THE SCHNEIDER CORPORATION 8901 OTIS AVE, INDIANAPOLIS, IN 46216-1037 Telephone Number: (317) 826-7306 FEB 2 6 2001 SEAL INDIANA REGISTRATION NUMBER 920350

Revised 10/95



Kenton C. Ward, Surveyor Phone (317) 776-8495 Tax (317) 776-9628

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

To: Hamilton County Drainage Board

September 25, 2002

Re: Centennial Drain: Centennial Townhomes
Phase I

Attached are as-builts, certificate of completion & compliance, and other information for Centennial Townhomes Phase I. 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 December 19, 2001. The Board at its hearing held January 28, 2002 approved the report. (See Drainage Board Minutes Book 6, Pages 246-248) The changes are as follows:

Structure:		T.C.:	I.E.:	Pipe:	Length:	Original Plans:
	422	908.13	905.83			
	421	909.15	905.3	12	178	193
	421	909.15	905.25			
	419	909.14	904.99	12	73	
	419	909.14	904.99			
	414	908.93	904.13	12	74	
	420	907.44	905.89			
	419	909.14	904.99	12	123	124
	201	908.55	903.5			
	200		903.4	30	120	124
	418		907.23			
-	416	909.27	905.42	12	118	119
	416	909.27	905.37			
	415	909.27	904.97	12	71	
	415	909.29	904.97			
	414	908.93	904.28	15	176	
	414	908.93	904.08			
	201	908.55	903.6	18	80	
	417	909.07	906.57			
	416	909.27	905.42	12	57	54
E	E202	908.76	903.86			
144	201	908.55	903.6	24	111	108

			906.04	909.04	E254
18	20	12	906.77	908.87	254A
		*-	904.83	907.43	435
175	173	12	904.2	907.6	434
			904.2	907.6	434
175	170	12	903.51	907.06	433
			903.46	907.06	433
58	60	12	903.42		432
			906.87	908.47	431A
Not on Original Plans	112	12	906.46	908.76	431
· · · · · · · · · · · · · · · · · · ·			906.46	908.76	431
112	111	12	905.87	908.72	430
			905.82	908.72	430
	112	15	905.44	908.64	429
, , , , , , , , , , , , , , , , , , , ,			905.39	908.64	429
	117	18	905.21	908.61	428
			905.21	908.61	428
117	118	18	904.62	908.67	427
			904.52	908.67	427
99	100	18	903.81	908.71	426
			903.76	908.71	426
192	196	24	903.21	908.61	424
			903.11	908.61	424
48	42	24	903.04		423

RCP Pipe Totals:

12	1340
15	288
18	415
24	349
30	120

The length of the drain due to the changes described above is now 2512 feet.

The non-enforcement was approved by the Board at its meeting on January 28, 2002 and recorded under instrument #200200067735.

The bond or letter of credit from Developers Surety & Indemnity Co number 885595s; dated May 26, 2000; in the amount of \$107,297.00; was released March 12, 2001.

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

Sincerely,

Kenton C. Ward,

Hamilton County Surveyor

CENTENNIAL TOWNHOUSES PHASE 1 AND CLUBHOUSE

(CONSTRUCTION PLANS)

HAMILTON COUNTY WESTFIELD, INDIANA

DEVELOPER:

ESTRIDGE DEVELOPMENT CO., INC.

1041 WEST MAIN STREET CARMEL, INDIANA 46032 [317] 582-2456

	INDEX				
SHEET No.	DESCRIPTION				
C100	COVER SHEET				
C101, C102	SITE PLAN				
C103, C104	DEVELOPMENT PLAN				
C105, C106	EROSION CONTROL PLAN				
C107	EROSION CONTROL DETAILS				
C401	SANITARY SEWER PLAN				
C601-C603	STORM SEWER PLAN				
C701	WATER DISTRIBUTION PLAN				
C702	WATER DISTRIBUTION DETAILS				
	GENERAL DETAILS				
C901	SPECIFICATIONS				

RECORD DRAWING



The Schneider Corporation

3020 North Post Road Indianapolis, Indiana 46226-6518 317-898-8282 317-899-8010 Fax

Engineering
Surveying
Landscape Architecture
GIS • LIS
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

CERTIFIED BY: J. CORT CROSBY, P.E.

E-MAIL ADDRESS:

ccrosby@schneidercorp.com

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DATE: Z Z Z O SHEET

THESE DOCUMENTS ARE SUBJECT TO

JOB No. (753.008)

SITE

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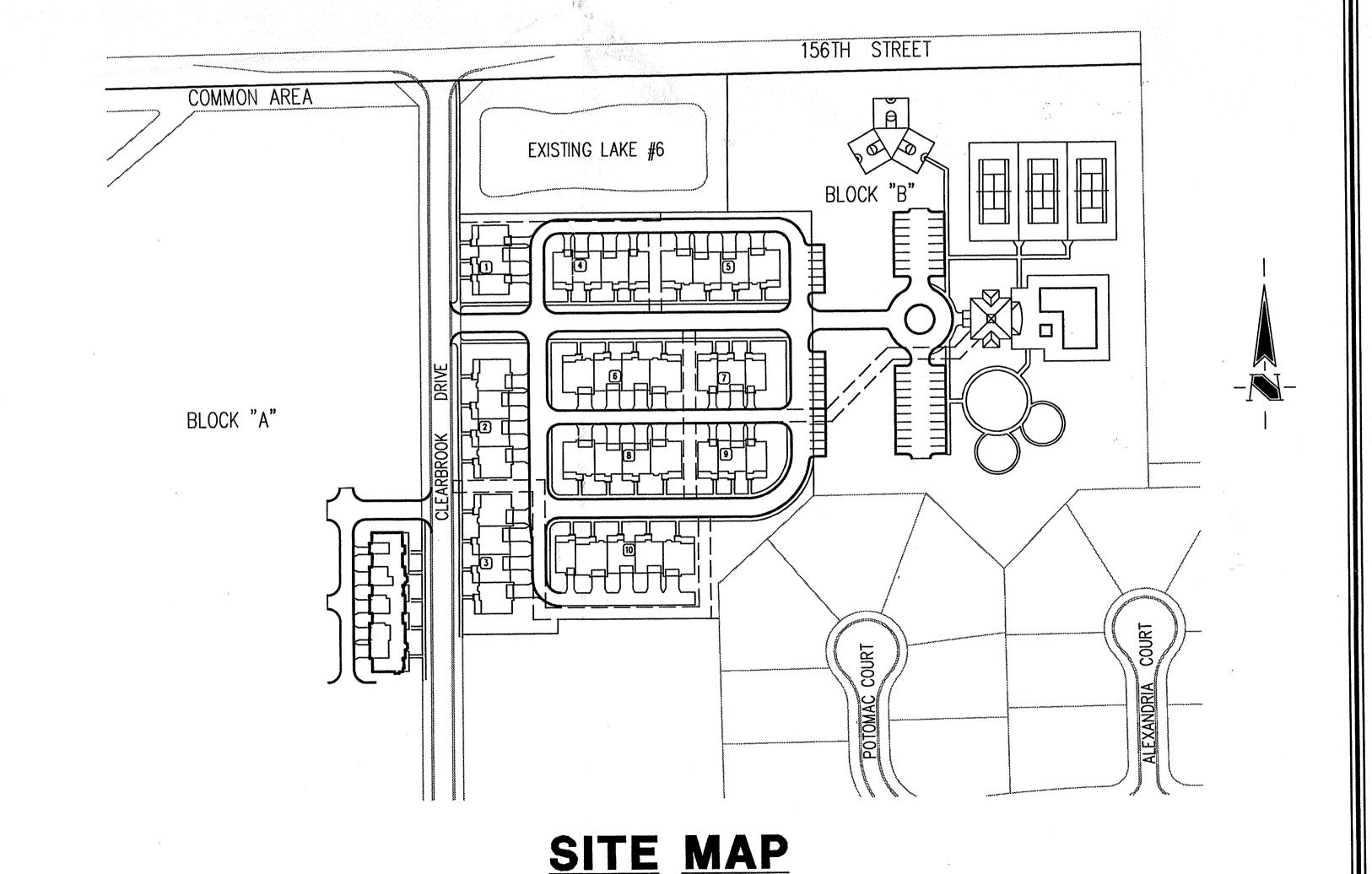
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AREA MAP
SCALE: 1"=3000"

SCALE: 1'=400'



SCALE: 1'=100'

REVISIONS:

DATE: BY: DESCRIPTION:

04/21/00 PRC C100, C101, C102, C103, C105 & C701, NEW C603.

05/16/00 TDK C100, C101, C102 C103, C104

06/12/00 TDK C100, C101, C102, C103, C104, C105, C106, C107, C401,

C601, C602, C603, C701, C802

PROJECT ENGINEER: ______

DATE CHECKED: _____

2000, The Schneider Corporation JOI

