Drain:	VILLAGE OFWEST CLAY DRAIN				
Improvement:	5KCPW 5006 ANB JOH 8-24-04				
Operator:					
Date:					
I MSTALL ASTA	2001				

GIS Drain Input Checklist

•	Digitize & Attribute Tile Drains	gn
•	Digitize & Attribute Storm Drains	gn
•	Digitize & Attribute SSD	Nfg
•	Digitize & Attribute Open Ditch	Ma
•	Sum drain lengths & Validate	gn
•	Enter Improvements into Posse	M
•	Enter Drain Age into Posse	
•	Sum drain length for Watershed in Posse	Andre .
•	Stamp Plans	8
•	Pull Source Documents for Scanning	M

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: VILLAGE OF WESTCHA ORANN - SECTION 5006 A+8

		Lenath	Length	Length		Track Tall Talegoria
Drain Type:	Size:	Length PRANCE	(DB Query)	Reconcile	Price:	Cost:
RCP	12#	704'	704'	p		
	154	428'	428'	Ø		
	184	691	69'	ø		
	214	237'	237'	Ø		
	241	117'	1/71	p		
	27*	1341	134'	6		
	36"	257'	257'	ø		
				:		
	Sum:	1,946'	1946	Ø.		W
		·	·			
inal Report:						
Comments:						



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 6, 2001

Re: Village of West Clay Drain, Section 5006 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Village of West Clay Section 5006 Drain. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages, and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12"	RCP	702	ft	21"	RCP	238	ft	30 "	RCP	257	ft
15"	RCP	415	ft	24"	RCP	116	ft				
18"	RCP	68	ft	27"	RCP	237	ft				

The total length of the drain will be 2,033 feet.

The retention pond (lake) located in commons Marshall Pond is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments. Marshall Pond was constructed with West Clay Section 10001. (See report dated November 14, 2000)

The subsurface drains (SSD) under curbs are not to be part of the regulated drain. This is per an agreement between Brenwick Development and the Hamilton County Commissioners on April 26, 1999. (See Commissioners Minute Book 93, pages 565-566) The existing storm pipe and structures F602, F603, F601 and F600

were constructed with West Clay Section 10001. (See report dated November 14, 2000)

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 \$5.00 per lot, \$5.00 per acre for roadways, with a \$120.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$5,562.76.

Parcels assessed for this drain may be assessed for the Collins-Osborn, Williams Creek or Clay Creek Drains 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 widths as shown on the secondary plat for Village of West Clay Section 5006 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for October 22, 2001.

KCW/llm

Kenton C./Ward Hamilton County Surveyor

Performance Bond

THIS DOCUMENT HAS IMPORTANT LEGAL CONSEQUENCES: CONSULTATION WITH AN ATTORNEY IS ENCOURAGED WITH RESPECT TO ITS COMPLETION OR MODIFICATION. AUTHENTICATION OF THIS ELECTRONICALLY DRAFTED AIA DOCUMENT MAY BE MADE BY USING AIA DOCUMENT D401.

Any singular reference to Contract, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address): Brenwick TND Communities, LLC 12722 Hamilton Crossing Boulevard Carmel, IN 46032

OWNER (Name and Address): Hamilton County Board of County Commissioners

Hamilton County Courthouse Noblesville, IN 46060

SURETY (Name and Principal Place of Business): Fidelity and Deposit Company of Maryland 2350 One Indiana Square Indianapolis, IN 46204

BOND NO. 08505135

CONSTRUCTION CONTRACT

Date: July 23, 2001

Amount: Sixty-Six Thousand Three Hundred Seventy-Five and No/100 *** Dollars (\$66,375.00)

Description (Name and Location): Installation of Erosion Control and Monumentation at The Village of West Clav.

Section 5006.

BOND

Date (Not earlier than Construction Contract Date): July 23, 2001

Amount: Sixty-Six Thousand Three Hundred Seventy-Five and No/100 *** Dollars (\$66,375.00)

Modifications to this Bond:

See Last Page

CONTRACTOR AS PRINCIPAL

Company:

(Corporate Seal)

SURETY

Company:

Signature:

(Corporate Seal)

Fidelity and Deposit Company of Maryland

Signature:

Brenwick TND Communities, LLC

Name and Title (Any additional signatures appear on the last page)

Name and Title:

Shelfev E. Henry, Attorney-In-Fact

(FOR INFORMATION ONLY - Name, Address and Telephone)

AGENT or BROKER:

M.J. Schuetz Agency

PO Box 44070

Indianapolis, IN 46244

(317) 639-5679

The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.

If there is no Owner Default, the Surety's obligation under this Bond shall arise after:

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

The Owner has notified the Contractor and the 3.1 Surety at its address described in Paragraph 10 below that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss

© 1984 THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASHINGTON, D.C. 20006-5292. AIA DOCUMENT A312 • PERFORMANCE BOND AND PAYMENT BOND . DECEMBER 1984 ED. . AIA® . THIRD PRINTING . MARCH 1987 . WARNING: Unlicensed photocopying violates U.S. copyright laws and is subject to legal prosecution. This document was electronically produced with permission of the AIA and can be reproduced in accordance with your license without violation until the date of expiration as noted below. expiration as noted below. User Document: brenwick.aia -- 7/12/2001. AIA License Number 1003606, which expires on 5/17/2002.

Electronic Format A312-1984

the pipe grade.

- J. Concrete encasement of mains (none shown).
- K. Sales tax.

BID AMOUNT SECTION 5006 BID AMOUNT SECTION 10001

\$ 134,087.00 210,715.00

III. STORM SEWERS

Includes:

- A. Excavation and placement of the gasketed R.C.P. as shown on the drawings.
- B. Inlets and manholes.
- C. Concrete end sections.
- D. Rip-rap.
- E. Granular backfill as required. No granular backfill under sidewalks and paths.
- F. 3 year 20% maintenance bond.

Excludes:

- A. Field engineering and soils testing.
- B. Permits or performance bonds.
- C. Relocation of existing utilities.
- D. Flowable backfill under any existing or proposed streets or drives.
- E. Cost for design engineer to produce as-built record drawings.
- F. Locating or height adjustment of castings due to grade changes made by others (i.e., at the end of the maintenance bond period). This work will be performed on a time and material basis.
- G. Sales tax.

BID AMOUNT SECTION 5006 BID AMOUNT SECTION 10001

\$ 70,483.00 109,425.00

IV. SUBSURFACE DRAINS

Includes:

- A. 6" perforated corrugated polyethylene tube for subsurface drains under curbs as shown.
- B. Lot laterals as shown for subsurface drains.
- C. #8 gravel backfill as required.
- D. 3 Year 20% maintenance bond.

Excludes:

- A. Schedule 35 PVC or Double Wall pipe as required by Hamilton County.
- B. Field engineering and soils testing.
- C. Permits or performance bonds.
- D. Relocation of existing utilities.
- E. Cost for design engineer to produce as-built record drawings.

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR RE: Village of West Clay Section 5006

I hereby certify that:

- 1. I am a Register 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:	Date: July 17, 2002
Type or print name:	David K. Sexton, P.E.
Business /Address:	The Schneider Corporation
	12821 E. New Market Street, Suite 100, Carmel, IN 46032
Telephone: (317) 5	69-8112

INDIANA REGISTRATION NUMBER

PE 9500028

SEAL





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

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

To: Hamilton County Drainage Board

April 12, 2004

Re: Villages of West Clay Drain: Sec. 5006 A & B

Attached are as-builts, certificate of completion & compliance, and other information for Villages of West Clay Sec. 5006 A & B. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated September 6, 2001. The report was approved by the Board at the hearing held October 22, 2001. (See Drainage Board Minutes Book 6, Pages 186-187) The changes are as follows:

Structure:	•••	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
	610	891.11	888.05				
	602	892.95	886.63	12	188	187	1
	609	892.33	888.99				
	608	894.88	888.33	12	177	175	2
	608	894.88	888.33				
	607	892.63	887.93	15	119	118	1
	607	892.63	887.93				
	606	893.01	887.72	18	69	68	1
	606	893.01	887.78				
	605	892.59	887.29	21	237	238	-1
	605	892.59	887.13				
	604	892.13	886.93	24	117	116	1
	604	892.13	886.93				
	603	892.01	886.83	27	29		
	603	892.01	886.78				
	602	892.95	886.59	27	105	108	-3
	602	892.95	886.62				
	601	890.18	886.18	30	169	166	3
	601	890.18	886.18				
	600		885.99	30	88	91	-3
	607	892.63	888.23				

614	892.53	888.78	12	29		
613	894.5	890.85				
606	893.01	888.3	12	185	184	1
611	894.48	887.71				
605	892.59	887.2	15	116	115	1
615	891.29	887.19				
602	890.62	886.37	12	67	68	1
616	893.95	889.35				
603	895.32	888.17	12	58	59	1
612	892.61	888.7				
611B	894.1	888.1	15	122		
611B	894.1	888.1				
611A	894.04	887.97	15	12	10	2
611A	894.04	887.97				
611	894.48	887.71	15	59		

RCP Pipe Totals:

12	704
 15	428
18	69
 21	237
24	117
27	134
30	257

The length of the drain due to the changes described above is now 1,946 feet.

The non-enforcement was approved by the Board at its meeting on October 22, 2001 and recorded under instrument #200200027356.

The following sureties were guaranteed by Fidelity and Deposit Co. and released by the Board on its August 12, 2002 meeting.

Bond-LC No: 08505122

Insured For: Storm Sewers

Amount: \$70,483

Issue Date: June 25, 2001

Bond-LC No: 08505135

Insured For: Erosion Control, Monuments

Amount: \$66,375

Issue Date: July 23, 2001

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

Sincerely.

Kenton C. Ward,

Hamilton County Surveyor

KCW/slm















