Drain: SHELBORNE GRAW Drain #: 279
Improvement/Arm: Section 3
Operator: Joh Date: 7-22-09
Drain Classification: Urban/Rural Year Installed: /997

GIS Drain Input Checklist

•	Pull Source Documents for Scanning	Jille .
•	Digitize & Attribute Tile Drains	NA
•	Digitize & Attribute Storm Drains	gn
•	Digitize & Attribute SSD	gla
•	Digitize & Attribute Open Ditch	Ma
•	Stamp Plans	A.
•	Sum drain lengths & Validate	5lm
•	Enter Improvements into Posse	51m
•	Enter Drain Age into Posse	51m
•	Sum drain length for Watershed in Posse	51m
•	Check Database entries for errors	Slm

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: THELBORNE GREENE GRANT-SHELBORNE GREENE-SECTION 3

Drain Type:	Size:	Length SURVEYER	Length (DB Query)	Length Reconcile	Price:	Cost:
550	6"	7,198'	7.198'	ø		
QCP	124	1,071'	1,071	Ø		
	15"	1,022'	1022'	6		
	18"	2761	276'	Ø		
	21"	157'	157'	ø		
	24*	522,	225'	Ø		
	30"	159'	159'	Ø		
	**************************************			, 		
	Sum:	10,1001	10,108	<u></u>		
inal Report: <i>[</i> []	1081					
omments:	, , , , , , , , , , , , , , , , , , , ,					
ommond,						





Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146 One Hamilton County Square Noblesville, Indiana 46060-2230

May 23, 1997

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Shelborne Greene, Section 3 Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the <u>Section 3 Arm, Shelborne Greene</u>. I have reviewed the submittals and petition and have found each to be in proper form.

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

6"	SSD	6,474	feet	21"	RCP	160	feet
12"	RCP	1,090	feet	24"	RCP	223	feet
15"	RCP	1,025	feet	30"	RCP	160	feet
18"	ጉርጉ	276	feet				

The total length of the drain will be 9,408 feet.

The subsurface drains (SSD) under curbs are to be part of the regulated drain. Only the main SSD lines which are located within the Right-of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each of the lots 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 \$30.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this section will be \$ /495. %.

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 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 Shelborne Greene Section 3 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 1997.

Kenton C./Ward

Hamilton County Surveyor

KCW/no

First Fidelity & Guaranty Co., Inc.

P.O. Box 501422 Indianapolis, IN 46250-6422



BOARD OF	F COMMIS	SSIONERS
OF THE CO	UNTY OF	HAMILTON

OF THE COUNTY OF HAMILTON	ATTEST:
0, 1112 300111, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	HAMILTON COUNTY AUDITOR
	February 5, 1997
DATE	

Irrevocable Credit No. SBG-3-DRA

The Board of Hamilton County Commissioners, Hamilton County, Indiana One Hamilton County Square Noblesville, Indiana 46060

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. SBG-3-DRA in your favor, at the request and for the account of Davis Homes, LLC, an Indiana limited liability company, 3755 East 82nd Street, Suite 120, Indianapolis, Indiana 46240 (the "Developer"), for any sum or sums not exceeding One Hundred Forty-Six Thousand Three Hundred Twenty-Six and 00/100 Dollars (\$146,326.00), available upon presentation by the Board of Hamilton County Commissioners of a letter enumerating any and all improvements not completed by Developer in connection with the storm sewers and subsurface drains in Shelborne Greene, Section 3, Carmel Plat Docket No. 96-96 SP, as required by the Hamilton County Surveyor's Office.

The drafts drawn under this Letter of Credit, must state "Drawn under Letter of Credit No. SBG-3-DRA of First Fidelity & Guaranty Co., Inc., dated February 5, 1997." The amounts of the drafts must be noted on the back of this Letter of Credit by the negotiating bank and/or agency.

This Letter of Credit is effective as of February 5, 1997 and shall expire on February 4. 1998, but such expiration date shall be automatically extended for a period of one year on February 5, 1998, and on each successive expiration date, unless a release is received from the Board of Hamilton County Commissioners or we notify both the Board of Hamilton County Commissioners and the Developer by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Board of Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Board of Hamilton County Commissioners, as shown on the signed return receipt.

FEB 14 1997

OFFICE OF HAMILTON COUNTY SURVEYOR

463

Board of Hamilton County Commissioners, page 2

Nor shall this credit or our obligation to pay same be affected by any security agreement between the Developer and ourselves.

Whenever this letter of credit is drawn on under and in compliance with the terms of this Letter of Credit, we shall pay the amount of the draft directly to the Board of Hamilton County Commissioners or in accordance with its instructions.

Sincerely,

First Fidelity & Guaranty Co., Inc.

В

(Authorized Signature

F Credit No. 586-3- Dred F

F Cate 2/4 A 7 8

Amount #1/46,326 G

G Code Approval Tour

First Fidelity & Guaranty Co., Inc.

P.O. Box 501422 Indianapolis, IN 46250-6422



BOARD OF A JAMMISSIONERS OF THE COMMITY OF HAMILTON	HAMILTON COUNTY AUDITOR
	February 5, 1997

Irrevocable Credit No. SBG-3-EC

The Board of Hamilton County Commissioners, Hamilton County, Indiana One Hamilton County Square Noblesville, Indiana 46060

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. SBG-3-EC in your favor, at the request and for the account of Davis Homes, LLC, an Indiana limited liability company, 3755 East 82nd Street, Suite 120, Indianapolis, Indiana 46240 (the "Developer"), for any sum or sums not exceeding Seventeen Thousand Five Hundred and 00/100 Dollars (\$17,500.00), available upon presentation by the Board of Hamilton County Commissioners of a letter enumerating any and all improvements not completed by Developer in connection with the erosion control in Shelborne Greene, Section 3, Carmel Plat Docket No. 96-96 SP, as required by the Hamilton County Surveyor's Office.

The drafts drawn under this Letter of Credit, must state "Drawn under Letter of Credit No. SBG-3-EC of First Fidelity & Guaranty Co., Inc., dated February 5, 1997." The amounts of the drafts must be noted on the back of this Letter of Credit by the negotiating bank and/or agency.

This Letter of Credit is effective as of February 5, 1997 and shall expire on February 4, 1998, but such expiration date shall be automatically extended for a period of one year on February 5, 1998, and on each successive expiration date, unless a release is received from the Board of Hamilton County Commissioners, or we notify both the Board of Hamilton County Commissioners and the Developer by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Board of Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Board of Hamilton County Commissioners, as shown on the signed return receipt.

Board of Hamilton County Commissioners, page 2

The credit established by this Letter and our obligation to pay same shall not be affected by the receivership, bankruptcy or insolvency of the Developer or the attachment of its property. Nor shall this credit or our obligation to pay same be affected by any security agreement between the Developer and ourselves.

Whenever this letter of credit is drawn on under and in compliance with the terms of this Letter of Credit, we shall pay the amount of the draft directly to the Board of Hamilton County Commissioners or in accordance with its instructions.

Sincerely,

First Fidelity & Guaranty Co., Inc.

Bv

(Authorized Signature)

F Credit No. 186. 3. EC F

Pate 2/197700 SS G

Amount \$ 17,700 Taux

G Code Approval Taux

G Code Approval Taux



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

To: Hamilton County Drainage Board

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

September 17, 2004

Re: Shelborne Green Drain: Section 3 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Shelborne Green Section 3. 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 May 23, 1997. The report was approved by the Board at the hearing held July 28, 1997. (See Drainage Board Minutes Book 5, Pages 383-385)
The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
834	872.5	870.91					
824		869.22	12	146	1.16		
833		869.87					
832	874.2	869.75	15	105	0.11	107	-2
832	874.2	869.75					
831	872.78	869.47	15	121	0.2	123	2
831	872.78	869.28					
830	872.75	869.28	15	28	0.68		
830	872.75	869.22					
824	.]	869.22	18	16	0.38		
829	872.81	869.78					
821	872.81	869.69	12	37	0.24	42	5
821	872.81	867.95					
822		869.52	15	15	1.13		
828	872.9	871.22					
827	875.47	870.37	12	145	0.58	142	-3
827	875.47	870.37					
826	875.39	870.23	15	28	0.57		
826	875.39	870.23					
825	874.2	869.7	18	130	0.37		
825	874.2	869.68					
824	873.1	869.23	18	130	0.35		
824	873.1	869.19					
823	873.6	868.75	24	80	0.55		

823	873.6	868.75	1	1			
822	874.8	867.97	24	145	0.54	143	-2
822	874.8	868.02				.,,	
822B		867.55	30	51	0.8	0	51
822B		864.3					<u></u>
819		863.94	30	108	0.33	160	-52
839	875.73	872.92					
838	875.7	872.8	12	30	0.4		
838	875.7	872.8					
835	0.0.,	872.63	12	18	0.94	16	-2
841	879.09	874.64					
840	879.08	874.45	15	46	0.41		
840	879.08	874.45					
836	0,0,0	874.37	15	26	0.31	24	-2
837	877.5	875.15					
836	878.9	874.36	12	225	0.35		
836	878.9	874.33					
835	875.8	872.58	15	290	0.58	291	1
835	875.8	872.52					
822		867.95	15	333	2.27		
818	871.73	866.88					
817	871.64	866.58	12	28	1.07		
817	871.64	866.58					
741		866.01	12	233	0.3	238	5
812		867.3					
813	872.1	867.42	21	72	0.17	75	3
813	872.1	867.42					
814	870.58	867.48	21	85	0.14		
814	870.58	867.48					
815	870.07	867.65	15	30	0.9		
815	870.07	867.65					
816		867.67	12	131	0.4	140	9
820	872.73	869.92					
821	872.81	869.72	12	35	0.56	40	······································
842	878.81	874.6					
840	879.08	874.45	12	43	0.35		
6" SSD Streets:	1			·		RCP Pipe Tot	als:
Inverness Blvd	1763					12	1071
Colonial Dr	1129					15	1022

Total x2:	7198
Inverness Dr.	108
Green Tree Dr.	599
Colonial Dr	1129
Inverness Blvd	1763

KCF FIPE TO	KCP Fipe rotals.					
12	1071					
15	1022					
18	276					
21	157					
24	225					
30	159					
	0040					

Total: 2910

The length of the drain due to the changes described above is now 10,108 feet.

The non-enforcement was approved by the Board at its meeting on July 28, 1997 and recorded under instrument # 9709744422.

The following sureties were guaranteed by First Fidelity& Guaranty and released by the Board on its September 15, 1997 meeting.

Bond-LC No: SBG-3-DRA **Insured For:** Storm Sewers, SSD

Amount: \$146,326.00

Issue Date: February 5, 1997

Bond-LC No: SBG-3-EC

Insured For: Erosion Control

Amount: \$17,500.00

Issue Date: February 5, 1997

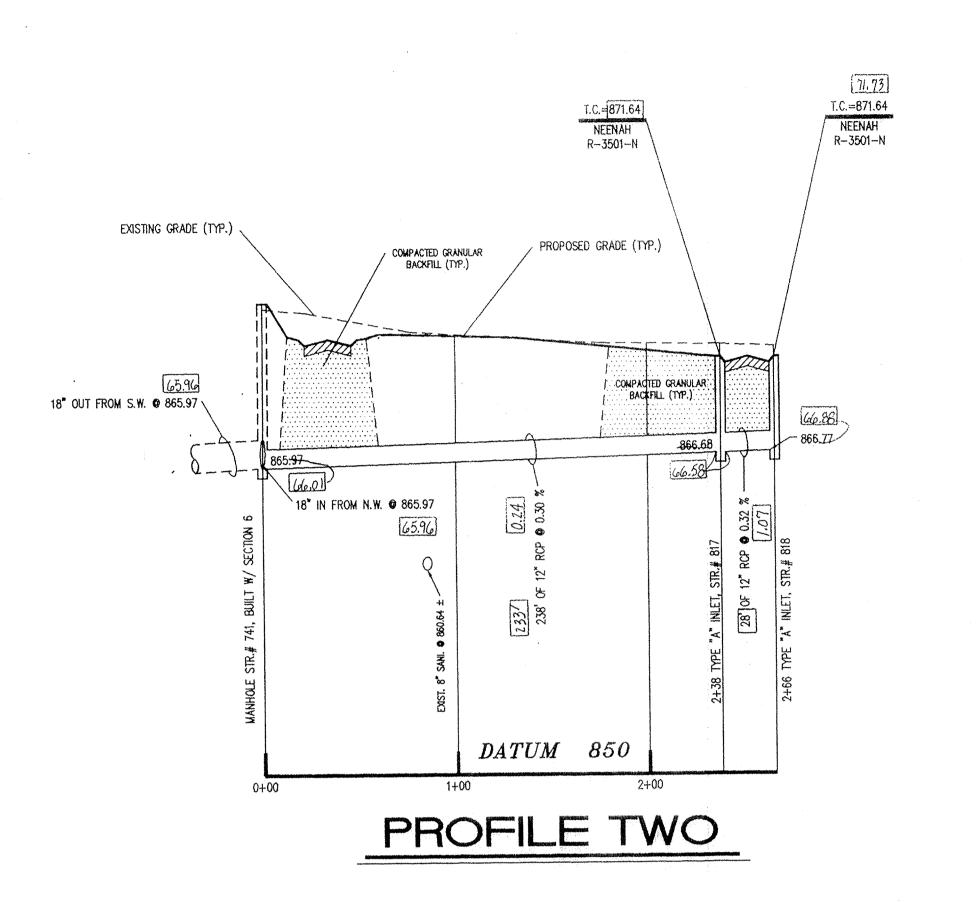
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward,

Hamilton County Surveyor

KCW/slm



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

72.1 T.C.=872.0 NEENAH R-1772-A T.C.=870:14 NEENAH R-3501-N T.C.=870.14 NEENAH R-3501-N EXISTING GRADE (TYP.) PROPOSED GRADE (TYP.) COMPACTED GRANULAR BACKFILL (TYP.) NORMAL POOL = 867.4 ±

PROFILE ONE

- 1. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
- 2. ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISHED.
- 3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
- 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- 5. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.



STA. 2+66

TYPE "A" INLET STR. #818

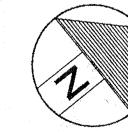
LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes,inlets,valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

/LAKE # 6 $N.P. = 867.4 \pm$ STA. 0+00 STA. 0+75 END OF PIPE W/ STEEL END SECTION, STR.# 812 SHALLOW MANHOLE STR. #813 6" SSD CONTINUOUS (TYP.) STA. 1+90 STA, 1+60 TYPE "A" INLET STR. #815 SHALLOW MANHOLE STR. #814 100 STA. 3+30 END OF PIPE W/ STEEL END SECTION, STR.# 816

AS-BUILT INFORMATION A: STORM SEWER MANHOLES AND INLETS LIE WITHIN THE RICHT-OF-WAY & EASEMENT LIMITS OF PLAN. B: CASTING & INVERT ELEVATIONS HAVE BEEN PROVIDED TO ME AND HAVE BEEN TRANSPOSED ONTO THIS SHEET AND ARE NOT COVERED BY MY CERTIFICATION. IF QUESTIONS ARISE OVER INVERTY CASTING ELEVATIONS. PLEASE CONTACT THE CONTRACTOR.

AS- BUILT INFORMATION BY THE SHEIDER CORP 898 - 8282

PLAN ONE



PLAN TWO

98

STA. 2+38

TYPE "A" INLET

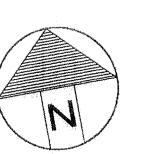
STR. #817

INVERNESS

BLVD.

STA. 0+00

CONNECT TO MANHOLE BUILT W/ SECTION 6 = 0+00 PLAN ONE, THIS SHEET



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SECTION GREENE

THREE

SHELBORNE STORM

SHEET: C703

