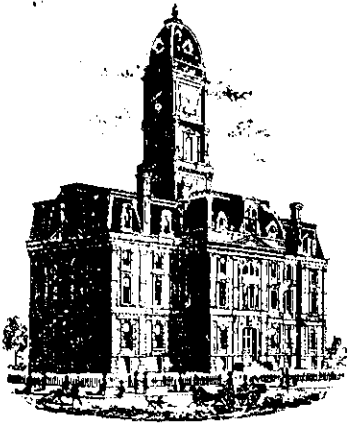


Drain: RUSSELL SHUGART CRAIN Drain #: 320
Improvement/Arm: HAZEL DELL WOODS - SECTION 2
Operator: JOH Date: 6-18-04
Drain Classification: Urban/Rural Year Installed: 2003

GIS Drain Input Checklist

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



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*

February 20, 2003

To: Hamilton County Drainage Board

Re: Russell Shugart Drain, Hazel Dell Woods Section 2 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Hazel Dell Woods Section 2 Arm, Russell Shugart 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:

6" SSD	3,202 ft	15" RCP	172 ft	21" RCP	30 ft
12" RCP	247 ft	18" RCP	653 ft	24" RCP	232 ft

The total length of the drain will be 4,536 feet.

The retention pond (lake) E in Section 2 located in Common Area E 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.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs, which are located within the easement (right of way) of Linda Way. 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 lot equally. Therefore, I recommend each lot be assessed equally per the assessment schedule established for the Russell Shugart Drain. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per lot, \$10.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$3,125.80.

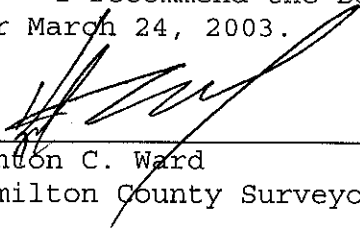
Parcels assessed to this drain may be assessed for the Emily Vestal Drain at sometime in the future. This arm shall be assessed as part of the Russell Shugart Drain and not as a separate drain.

The offsite drainage for this development was done under the Russell Shugart Drain reconstruction. See my report dated June 12, 2000.

I believe this 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 Hazel Dell Woods Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for March 24, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Hazel Dell Woods, Section 1 & 2

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 .

Signature: *Allan H. Weihe* Date: 4/12/03

Type or Print Name: Allan H. Weihe

Business Address: 10505 N. College Avenue

Indianapolis, Indiana 46280

Telephone Number: 317-846-6611

SEAL

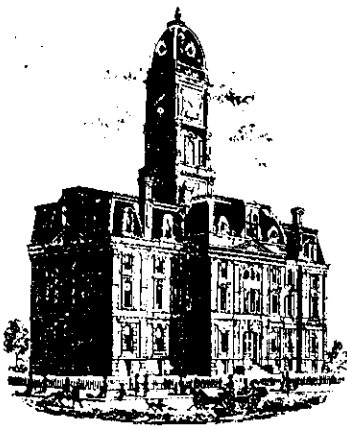
INDIANA REGISTRATION NUMBER

8827

FILED

JUL 01 2003

OFFICE OF HAMILTON COUNTY SURVEYOR



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

To: Hamilton County Drainage Board

April 5, 2004

Re: Russell Shuggart Drain:
Hazeldell Woods Sec. 2 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Hazeldell Woods Sec. 2. 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 February 20, 2003. The report was approved by the Board at the hearing held March 24, 2003. (See Drainage Board Minutes Book 7, Pages 12-14)
The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
734A	823.42	818.09				
766	823.4	818.89	24	77		
766	823.4	818.89				
767	823.18	819.68	24	155		
767	823.18	819.68				
768	823.14	819.85	21	30		
768	823.14	819.85				
769		820.85	18	215		
770		818				
771	821.86	818.9	18	77		
771	821.86	819.9				
772	831.86	819.52	18	125		
772	831.86	819.52				
773	831.04	826.84	18	29		
773	831.04	826.84				
774	831.03	827.04	15	30		
774	831.03	827.04				
775	830.72	828.32	12	136		
776		818.18				
777	832.05	819.57	18	150		
777	832.05	819.57				

778	831.16	824.38	18	27		
778	831.16	824.38				
779	831.16	824.75	18	30		
779	831.16	824.75				
780	827.19	825.31	15	142		
747	832.42	822.88				
781	828.9	826.16	12	111		

6" SSD Streets:

Linda Way	1621.34
x2	

Total: 3242.68

RCP Pipe Totals:

12	247
15	172
18	653
21	30
24	232

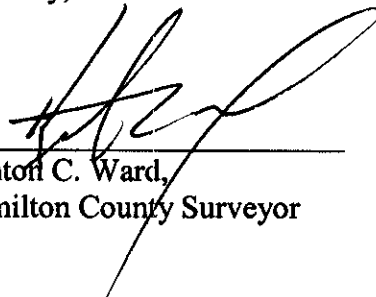
The length of the drain due to the changes described above is now **4576.68 feet**.

The non-enforcement was approved by the Board at its meeting on March 24, 2003 and recorded under instrument #200300029875.

There were no bonds obtained for this project.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

