

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

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

October 23, 2006

To: Hamilton County Drainage Board

Re: Spring Mill Run Drain, Laurel Ridge Arm

Attached is a petition filed by Laurel Ridge, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Laurel Ridge Arm, Spring Mill Run Drain to be located in Clay 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	1491 feet	15" RCP 1136 feet	18" RCP 941 feet
21"	RCP	510 feet	6" SSD 5149 feet	8" SSD 261 feet
66"	CMP	80 feet	7' x 12' Elliptical CMP 40 feet	Open Ditch 1470 feet

The total length of the drain will be 11,078 feet.

Part of the open ditch and 7' by 12' elliptical CMP listed above is the Spring Mill Run ditch from the western Right of Way line (end of CMP) on Ditch Road to the southern boundary of Laurel Ridge Subdivision. The 66" CMP listed above is the road culvert that brings a large off-site watershed area thru Pond #2 and #3 in Laurel Ridge and into the remaining portion of open ditch that outlets into Spring Mill Run ditch. This pipe is located approximately 530 feet south of the Spring Mill Run pipe.

The retention pond (Pond #1) located in Common Area "A" and retention ponds (Pond #2 and Pond #3) located in Common Area "B" 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 such as mowing and aquatic vegetation control 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 and those main lines between lots or in rear yards. Only the main SSD lines, which are located within the right of way or easements, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

SSD in the rear yard of lot 12, running south from Str. 137 SSD along Ditch Road, running north from Str. 152

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 \$2.00 per acre for common areas and platted lots, \$2.00 per acre for roadways, with a \$25.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$522.44.

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: North American Specialty Insurance Co.

Date: June 1, 2006 Number: 2062435 For: Storm Sewers Amount: \$321,042.00 Agent: North American Specialty Insurance Co.

Date: June 1, 2006 Number: 2062437 For: Erosion Control Amount: \$51,483.00

Parcels assessed for this drain may be assessed for the 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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Laurel Ridge as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for March 26, 2007

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/pll

STATE OF INDI	(ANA)		(Revised 06/08/04)
COUNTY OF HA	AMILTON)		
% Hamilton One Hami	N COUNTY DRA County Surveyor ilton County Squa le, IN. 46060-223	re, Suite 188	
In the matter	of	Laurel Ridge	Subdivision, Section
		Drain Petition.	
County, Indiana.	The general route	Laurei Rido	the proposed new regulated drain. The e, a subdivision in Hamilton in existing easements and along public
Petitioner be than the benefits v believes the propo	amen will leadiff	o the owners of the land i	of the proposed improvement will be less ikely to be benefited thereby. Petitioner
(a) (b) (c)	improve public l benefit a public be of public utili	street	

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic

The Petitioner also agrees to the following:

maintenance assessments by the Board thereafter.

- 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.
- 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.
- 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.
- 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.

Adobe PDF Filiable Form

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Springmill Run Drain, Laurel Ridge Arm

On this **26th** *day of March 2007*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Springmill Run Drain*, *Laurel Ridge 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

Mémber

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor					
Re: La	AUREL RIDGE				
I herb	y 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 the 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.				
Signa	ture: Walto F. Rushof Date: 11/09/09				
Туре	or Print Name: _Walter F. Reeder III				
Busin	ess Address: 853 Columbia Road, Suite 101				
	Plainfield Indiana, 46168				
Telep	Telephone Number: <u>317-707-3700</u>				
	No. 60017777 STATE OF STATE OF ONAL E-MINISTRATION NUMBER PE 60017777				





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

January 11, 2010

Re: Springmill Run: Laurel Ridge

Attached are as-builts, certificate of completion & compliance, and other information for Laurel Ridge. 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 October 23, 2006. The report was approved by the Board at the hearing held March 26, 2007. (See Drainage Board Minutes Book 10, Pages 164-166) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert	Grade:	Changes:
118-117	27	12	RCP	845.62	845.54	0.3	-2
118-116	117	12	RCP	845.51	844.35	0.99	
116-115	268	12	RCP	844.13	840.66	1.29	-3
115-114	58	12	RCP	840.63	840.17	0.79	4
124-123	203	15	RCP	842.67	841.96	0.35	
123-122	306	18	RCP	841.9	841.31	0.19	-5
122-121	37	18	RCP	841.31	840.98	0.89	-3
121-120A	156	21	RCP	840.91	840.51	0.26	-3
120A-120	35	21	RCP	840.48	840.34	0.4	-3
120-119	51	21	RCP	840.34	839.95	0.76	-6
125-120	24	15	RCP	841.7	841.55	0.63	-2
131-130	27	12	RCP	845.41	845.09	1.18	-3
130-129	84	12	RCP	845.09	842.66	2.89	-4
129-132	270	12	RCP	842.66	832.17	4	
132-127	194	21	RCP	824.78	820.85	2.03	-1
137-135	343	12	RCP	837.9	828.55	2.73	
135-132	360	18	RCP	827.63	824.95	0.74	9
135-136	111	15	RCP	828.13	827.63	0.37	3
113A-112A	85	15	RCP	817.4	817.22	0.21	-15
138-132	112	12	RCP	833.29	830.42	2.56	2
151-150	81	15	RCP	842.07	841.53	0.6	-2

150-149	40	15	RCP	841.53	841.33	0.5	
149-148	256	15	RCP	841.33	840.44	0.35	-6
148-147	71	15	RCP	840.44	840.24	0.28	-2
143-142	47	15	RCP	831.08	830.01	2.28	-3
142-141	63	18	RCP	829.72	828.21	2.4	-1
141-140	116	18	RCP	828.01	825.24	2.39	-2
140-139	52	18	RCP	825.22	824.03	2.27	-5
146-145	53	12	RCP	839.98	837.13	5.38	-5
145-144	123	15	RCP	836.41	831.98	3.6	-3
144-143	61	15	RCP	831.95	831.15	1.31	-4
152-143	56	12	RCP	831.6	831.18	0.75	-3
1-2	49	12	RCP				
127-126	55	21	RCP	820.85	819.84	1.84	-6

RCP Pipe Totals:

	12	1464
	15	1102
	18	934
	21	491
Total:		3991

SSD Totals:

Streets	4480
Lots	580

Total: 5060

Other Totals:

8" SSD	261
Open ditch	1420
7'x12'	
ECMP	40
66" CMP	80

Total: 1801

The length of the drain due to the changes described above is now 10,852 feet.

The non-enforcement was approved by the Board at its meeting on March 26, 2007 and recorded under instrument # 2007017796.

The following sureties were guaranteed by North American Specialty Insurance Co. and expired on June1, 2008.

Bond-LC No: 2062435 **Bond-LC No:** 2062437

Amount: \$321,042.00 **Amount:** \$51,483.00 **Issue Date:** June 1, 2006 **Issue Date:** June 1, 2006

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

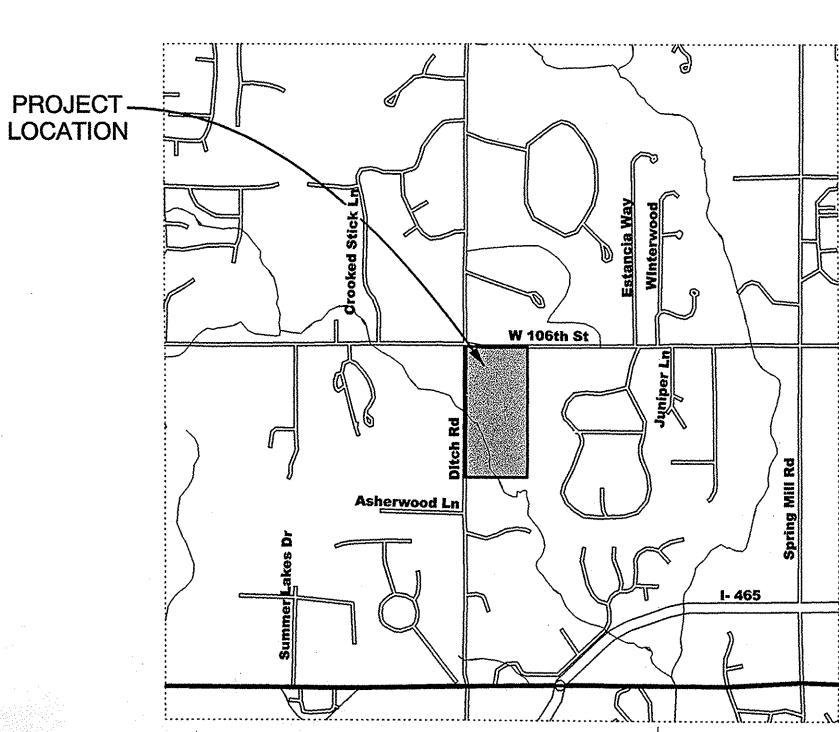
Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm

RECORD DRAWINGS



DEVELOPER & PROPERTY OWNER

LOCATION MAP

NO SCALE



REALTY CORP

JB COHEN 210 EAST 91st STREET, SUITE A INDIANAPOLIS, INDIANA 46240 PHONE: 317-844-4467 FAX: 317-844-4527 CONTACT: JEFFERY B. COHEN

DATE OF SUBMISSION: 10-20-05

REVISED:

SOURCE OF TITLE:

EXISTING ZONING: S 1

PLANS PREPARED BY:

DENGINEERING 698 TOWER ROAD, SUITE #100 PLAINFIELD, IN 46168 BUS. (317) 839-2581, FAX (317) 838-9171 E-MAIL banning@banning-eng.com **CONTACT: LANCE G. FERRELL**

THESE PLANS ARE NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

Certificate of Survey

Thereby state that the record information provided herein is true and correct to the best of my knowledge and belief and was collected under my supervision with the field data completed on November 3, 2006. The record information pertains to the location and elevation of the storm and sanitary sewer structures, the size and type of the sewer pipes, and the slope of said pipes between structures. The elevations on top of casting of the structures and their accompanying pipe inverts are accurate to within 0.05 feet and were gathered using an auto-level applying standard leveling techniques. The record locations of the sanitary sewer laterals were provided by those responsible for construction of said sewer and are subject to the accuracy of those measurements

Registered Land Surveyor - LS29800001 State of Indiana

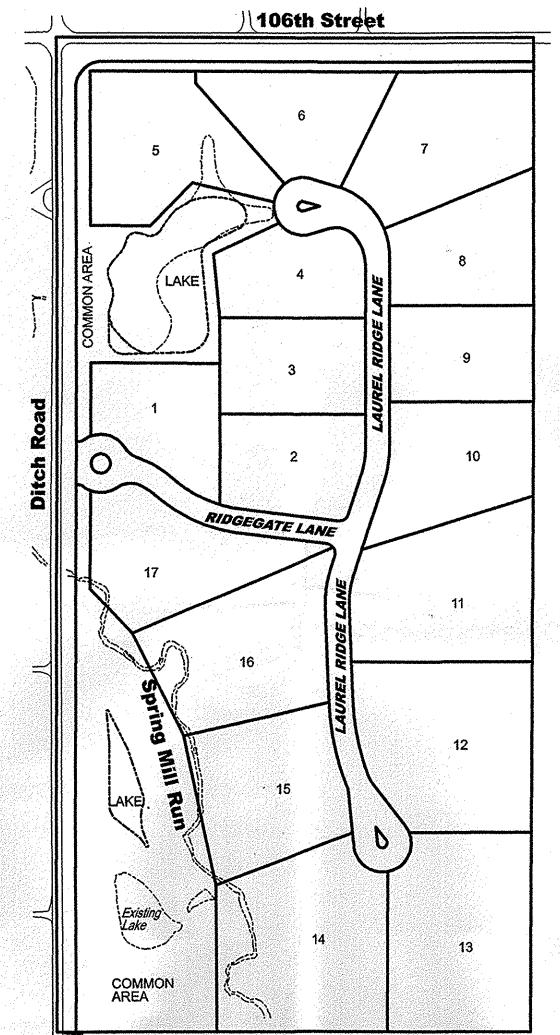


LAUREL RIDGE

RESIDENTIAL SUBDIVISION CONTAINING 47.1 AC +/NW 1/4, SEC. 10-T17N-R3E
CLAY TOWNSHIP, HAMILTON COUNTY, INDIANA
PROJECT ADDRESS: 10479 DITCH ROAD, CARMEL, INDIANA 46032

DOCKET NO. 05060043 PP

05060044 SW: 6.03.04 05060045 SW: 8.09.02 05060046 SW: 6.03.19 05060047 SW: 6.03.22 05060048 SW: 8.09.02 05060049 SW: 8.09.02 05060050 SW: 6.02.01



This Information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS. itry Date: 12-22-09 SLM

SHEET INDEX

DESCRIPTION

SHEET NO

- 22 23

24

25

TITLE SHEET

-EXISTING TOPOGRAPHY PLAN

-GRADING AND DRAINAGE PLAN STREET PLAN AND PROFILE

SANITARY SEWER PLAN AND PRIFILES STORM SEWER PLAN AND PROFILE

EROSION AND SIDIMENT CONTROL PLAN

SANITARY SEWER PLAN

MISCELLANEOUS DETAILS

SITE MAP SCALE: 1" = 200'

STREET NAME CHART LINE STREET NAME

A RIDGEGATE LANE

B LAUREL RIDGE LANE STREET LENGTH

25 MPH DESIGN SPEED

	REVISIONS
DATE	DESCRIPTION
110405	REVISED PER NRCS COMMENTS
11–28–05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
12-05-05	REVISED PER NRCS COMMENT LETTER
12-22-05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
1–16–06	REVISED PER HAMILTON COUNTY HIGHWAY DEPARTMENT
1–20–06	REVISED PER TAC COMMENT LETTER DATED 11-21-2005
03-13-06	REVISED PER HCHD COMMENT LETTER DATED 03-02-06
03-13-06	REVISED PER HCSO COMMENT LETTER
03-23-06	REVISED PER HCSO COMMENT LETTER
04-17-06	REVISED LOT LINE BETWEEN LOTS 14 -15 & STORM AND SANITARY SEWER
05-18-06	REVISED DITCH ROAD AND 106th STREET RIGHT-OF-WAY

	REVISIONS
DATE	DESCRIPTION
11-04-05	REVISED PER NRCS COMMENTS
11–28–05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
12-05-05	REVISED PER NRCS COMMENT LETTER
12-22-05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
1–16–06	REVISED PER HAMILTON COUNTY HIGHWAY DEPARTMENT
1–20–06	REVISED PER TAC COMMENT LETTER DATED 11-21-2005
03-13-06	REVISED PER HCHD COMMENT LETTER DATED 03-02-06
03-13-06	REVISED PER HOSO COMMENT LETTER
03–23–06	REVISED PER HCSO COMMENT LETTER
04–17–06	REVISED LOT LINE BETWEEN LOTS 14 -15 & STORM AND SANITARY SEWER
05–18–06	REVISED DITCH ROAD AND 106th STREET RIGHT-OF-WAY

HOLEY MOLEY SAYS "DIG SAFELY" "IT'S THE LAW" 1-800-382-5544

CALL TOLL FREE

PER INDIANA STATE LAW IC8-1-26.
IT IS AGAINST THE LAW TO EXCAVATE

WITHOUT NOTIFYING THE UNDERGROUND

LOCATION SERVICE TWO (2) WORKING DAYS

BEFORE COMMENCING WORK.

VECTREN

P.O.Box 1700

317-776-5573

317-776-5347

Rick McClain

Jay W. Alley

Noblesville, Indiana 46060

1441 South Guilford Road

SANITARY
CLAY TOWNSHIP REGIONAL

Indianapolis, Indiana 46240

SCHOOL DISTRICT
CARMEL / CLAY SCHOOLS
5201 East 131st Street

10701 Norrh College Avenue, Suite A

Carmel, Indiana 46032

WASTE DISTRICT

PROJECT

LOCATION

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

VICINITY MAP

NO SCALE

OPERATING AUTHORITIES

516 East Carmel Drive Carmel, Indiana 46032 317-972-9700

HAMILTON COUNTY
HIGHWAY DEPARTMENT

Noblesville, Indiana 46060

One Hamilton County Square, Suite 1 Noblesville, Indiana 46060

1770 South 10th Street

STORM HAMILTON COUNTY DRAINAGE BOARD

(317) 776-8495

CABLE TELEVISION BRIGHT HOUSE NETWORKS

WATER VEOLIA WATER INDIANAPOLIS

1220 Waterway Boulevard

Indianapolis, Indiana 46206

5858 North College Avenue

Indianapolis, Indiana 46220

FIRE DEPARTMENT
CARMEL/CLAY TOWNSHIP
FIRE DEPARTMENT

Fire Headquarters, Station 41

2 Civic Square Carmel, Indiana 46032 317-571-2600

P.O. Box 1220

317-263-6309

Mark Shockley TELEPHONE SBC

317-972-9700

Jeremy Pendelton

