Drain: OAK TREK DRAIN

Improvement/Arm: OAK TREK-SECTION 4

Operator: JOH

Drain Classification: Urban/Rural Year Installed: 1985

### **GIS Drain Input Checklist**

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

MA JA 3-23 JA 3-23 MA JA 3-23 JA 3-23 Juf 3-20



## Gasb 34 Footages for Historical Cost <u>Drain Length Log</u>

Drain-Improvement: OAKTREE ORAIN - OAKTREE -SECTION 1

Drain Type:	Size:	Length SVQVENIAG QEPERT	Length (DB Query)	Length Reconcile	Price:	
SSO+TILE	6"	Z,865'_	2156'	-709	riice;	Cost:
	8"	1940	1,651	-289		
CMP	8"	Zo'	Zo'	Ø		
	1000	Zo'	Ø	- Zo'		
RCP	18"	44'	25'	-19'		
	24"	225	215'	-101		
· .	·				<u> </u>	·
	Sum:	5,114'	4067'	-1,047'	-	·
nal Report:						
omments:						
TR AND AB OUA	GREE ON 6"+8	?"550, 1 <b>8</b> "424" k	CP, 6"48" TILE, A	ND 10"CM	)	<del></del>
	······································					



# Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: OAK TREE ORAIN - DAKTREE - SECTION 1

Drain Type:	Size:	Length surveyes Refer	Length (DB Query)	Length Reconcile	Price:	Cost:
SSO ! THE	6"	1745'	3121'	+1,376'		
	8"	6	686'	+686'		
CMP	8"	20'	20'	Ø		
RCP	184	441	25'	-19'		
	24"	225'	215'	-101		
til <b>e</b>	6"	1/20'	Ø	-//20'		
	8"	/940'	Ø	-1940'		
CIVIP	/6"	20'	Ø	-20'		

Final Report:		
Comments: SR AND AB DISAGREE FOR 6"+ 8"550, 18"+24" RCP, 6"+8"TILE, AND 10"CMP.	. 2	





776-9626

Noblesville, Ind. 46060 May 30,

Hamilton County Drainage Board

Re: Oak Tree Drain

Attached are the petition, plans, calculations, engineers estimate, nonenforcement request, easement and assessment roll for the Oak Tree Drain. I have reviewed the petition and found it to be in proper form. Upon inspection of the site, I believe the proposed drain to be practicable, will be of public utility and that the costs, damages and expenses of the proposed project will probably be less than the benefits accruing to the owners of land likely to be benefited.

The drain shall consist of the following:

8''	tile	1940	) ft			
	CMP	40	ft			
18"	RCP	44	ft			
-	RCP	225	ft			
8"	CMP	20	) ft			
6''	tile	1660	ft	(existing	field	tile)
6"	SSD	1685	ft			

Because of the 18" RCP being side by side, along with the 10"CMP and the 8" and 6" tile being parallel, the total length of the drain will be 4752 feet.

With 14 lots at \$35.00 per lot and 4.0 acres of streets at \$35.00 minimum, the total yearly assessment will be \$525.00.) The street and lots within this subdivision should also be assessed to the J.W. Brendel Drain.

The maintenance of the pond, except for the inlet and outlet structure shown on the plan, will be the responsibility of the Homeowners Association.

I recommend a hearing be set for this drain on August 12th,

JUN 1-0-1985

Hamilton County Surveyor

HAMILTON COUNTY DIGITY

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To: Hamilton County Drainage Board, Noblesville, Indiana c/o County Surveyor, Courthouse, Noblesville, Indiana

In	the ma	atter	of _	OAK TREE	Subdivision,	Sections
•						
+	,	-		Drain Petition.		

Petitioner is the owner of all lots in the land affected by the proposed new legal drain. The drainage will affect various lots in OAXTERS 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 improvement 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 storm sewers 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 storm sewer system which will be made a legal drain. The bond will be in the amount of 100% of the Engineers estimate.

  Bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- 2. The Developer shall retain the Engineer throughout the construction phase. At completion of the project the Developers Engineer shall certify that the storm sewer system which is to be maintained as a legal drain has been constructed as per constuction plans.
- 3. Any changes made in the field shall be documented and given to the Surveyor to be placed the the Drain file.
- 4. The developer shall instruct his Engineer to provide a reproducable print on a  $24" \times 36"$  mylar of the final design of the Drainage System.

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

Drain.

FILED APR 4 1985 Cole le Evelophen

MILTON COUNTY DRAINAGE BOARD

Southful translation Association and the Company of the Company of

#### OAK TREE

The breakdown of development costs are as follows:

Streets, curbs, paving, clearing, grading cut and fill

\$ 66,263.00

2. Storm drainage and subsurface drainage on and off site

\$ 26,942.00

WILLIAM B. OLSEN, Vice President OAK TREE DEVELOPMENT CORP.

### GUARD CASUALTY & SURETY INSURANCE COMPANY

Indianapolis, Indiana

#### SUBDIVISION BOND

SP 8299

KNOW ALL MEN BY THESE PRESENTS: That We, the undersigned,
OAK TREE DEVELOPMENT CORPORATION, Hamilton County, Indiana
as Principal, and GUARD CASUALTY & SURETY INSURANCE COMPANY, as Surety, are held and firmly bound unto Board of County Commissioners, Hamilton County, Noblesville, Indiana
in the penal sum of TWENTY-SIX THOUSAND, NINE HUNDRED FORTY-TWO and no/100
DOLLARS (\$ 26,942.00), for the payment of which well and truly to be made, we bind ourselves, our heirs,
executors, administrators and assigns.
SEALED AND DATED THIS 28th DAY OF March, 19 85
THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT:
WHEREAS Storm Sewer Improvements - Oak Tree Development, per plans
and specifications.
have not been improved as required by the regulations of said Obligee
NOW, THEREFORE, if said Principal shall construct said Storm Sewer Improvements
according to specifications and regulations of the Obligee
and comply with all the provisions of the ordinances, rules and regulations of said Obligee in relation to the mode, manner or form in which said work shall be done, and shall pay and save Obligee, against loss or damage which may arise by reason of delay in completion of said work, by reason of the manner in which said work is done or the quality of the materials furnished being in violation of the requirements of any law of the State of Indiana, or any ordinance of the Obligee controlling such work, then this obligation to be void; otherwise to be and remain in full force and effect.
OAK TREE DEVELOPMENT CORPORATION
By:
GUARD CASUALTY & SURETY INSURANCE COMPANY  By:  J.R. Morford, Attorney-in-fact

GCSI FORM No. 172

#### CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: OAKTREE DRAIN

I hereby certify that:

- 1.) I am a Registered Land Surveyor 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:	an I ke	he Date: Har 12, 1988
Type or Printed Name:	Allan H. Weihe	
Business Address:	10505 N. College Av	re., Indianapolis, Indiana 46280
Telephone:	(317)846-6611	
		INDIANA REGISTRATION NUMBER
		10398

SEAL





Kenton C. Ward, Surveyor

776=9626

Noblesville, Ind. 46060 August 26, 1985

To: Hamilton County Drainage Board

Re: Oak Tree Drain

On July 2, 1985 I made the final inspection of the Oak Tree Drain. At this time I found the storm drainage system to be complete and acceptable. Attached is an as-built drawing of the system along with a certificate of completion and compliance.

The changes on the final product are as follows:

- 1. Curbs were installed, thus curb inlets replaced metal end sections on Oak Tree Way.
- 2. Inlets were installed at 116th and Oak Tree Way and at the North West corner of lot 3. Sixty feet of additional 6" pipe was installed at the intersection.
- 3. The 6" existing field tile was attached to the new 8" tile on the North line of lot 6. This abondoned the existing tile North of lot 6.

4. Nev

9 1985

IAMILTON COUNTY DRAINAGE BOARD

neighbourd Il

4. New lengths are:

The total length of drain is----- 4872 feet

I recommend to the Board that the drain be accepted and the non-

enforcement of easement be approved.

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GENERAL NOTES:

1. No fill moterial will be placed over absorption field. Natural ground line to remain.

2. Any finish grading done in area of absorption field will be done with light equipment.

3. No construction traffic to be allowed in area of obserption field.

4. It shall be the responsibility of each contractor to verify all existing will ties and conditions pertaining to his phase of the work. It shall also be the contractors responsibility to contact the owners of the various utilities before work is started. The contractor shall notify in writing the owners or the engineers of any changes, errors or amissions found on these plans or in the field before work is started. OAK TREE see "off-site" sheet or resumed. 906.48 × N=11400 F N89°59'15"W - 1046.72' 20' Orainage & Utility Esmit 908.72 × 909.89 N=11250 907.63 N=11250 906 57 × 905.71 905.7*2* 906 60 905.61 176 907,68 × N=11000 250000 S.F. N=11000 908.14 × ♂ 907. 39 . 905.53 906 47 314" . 46000 S.F. 44 905.88 905.38 × 907.21 20ned 5-1 /907.7 29.38 Acres # 908.84 905.41 907.74 905.58 N=10750 N=10750 906.50 903.71 905.36 SBY S& SE 903.59 x 148.250 5.5. N=10500 'N=10500 44500 S.F. العالئ دين 903.73 *₽* 905.39 0 0 000000 0 \ ⊋ **90**3.79 × 902.64 ر 904. L3 905.74 903,51 × 58850 S.F. **90**3.18 266' × 903.78 9<del>01, 5</del>6 × N=10250 10' Drainage & Utility Esmt. 2 N=10250 5 904.5p les solg of 904.56 903.10 904.18 ⇔ × 904.21 904.32 × 46350 S.F. 750' Building Cine 50' Boilding Line . ¥ < 903.28 61250 3.7. 904 47 mmm. 904.46 905. 46,40' Right of Way 349 904 57 × N89°56'38"W- (665.00" N=10000 903.41 This information was cathered for input into the Hamilton Co. The weephical Information Determined from the second of the 904.55 x × 907 N=10000 904.64 904.57 902.39 902. 903.21 Entry Date: 3-23-09 904 37 903.32 × Entered by: JOH 906 - 44 N = 9900T.B.M. - Hing Noil P.W.P. 25-129-A (N.E. Cor Youth & Shelborne) One Foot Contour Lines Shown SHEET 1 of 2 T.B.M- & 116 TH Street & Shelborne -Rood (South) - 905.75 Elev. Prepared For - REVISIONS Dok Tree Development, Corp. Carmet, IN 84-1295 6" Concrete 1" H.A.C. Surface 3" H.A.C. Bose 5" Comp. #53 Agg. 4" Comp. #2 Agg. ALLAN H. WEIHE, P.E., L.S. PŘESIDENT 10505 NORTH COLLEGE AVENUE INDIANAFOLIS, INDIANA 46280 (317) 846-6611 Proposed Vromage Flow Proposed Elevations (00.0) Proposed House Pad Grade (00.0) Typical Street Cross Section Developer's Option PAGE This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188. Noblesville, In 46060

GENERAL NOTES:

I. No fill moterial will be placed over absorption field. Notural ground line to remain.

I. No fill moterial will be placed over absorption field will be done with light equipment.

I. Any finish grading done in area of absorption field.

If shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractors responsibility to contact the owners of the various utilities before work is started. The contractor shall notify in writing the owners or the engineers of any changes errors or amissions found on these plans or in the field before work is started or resumed. OAK TREE SEE SHEET 2 906 66× N=11400 N=11400 906.4*7* × 906.48 × NO9°59'15"W - 1046.72' eo Oroinage & Utility Esmit. 906.40 × 908.72 eg.eoe N=11250 N=11250 9B 906.57 906 60 289.07 176 905.61 × 907.68 × 6 (907.46 250000 S.F. N=11000 N=11000 908, 30 × 906 → 905.53 **A**8 907, 39 47500 J.F. 905.8 46000 S.F. × 905.38 9080 9090 × 907.21 5cole 1":50' /907.79 20ned 5-1 Total 14 Lots 29.32 Acrest المحمد المحمد 907.74 × 166750 350' 906.60 N=10750 N=10750 906.50 903.59 x 903.71 Block A 589° 5%' 38" E \258.00' 43560 J.A. × 903.49 903.59 x × 903.96 148250 S.F. 10 Oromoge & Otility Esmi-903.48 N=10500 N=10500 WATER (ELJ. 377.00) 44500 S.F. ادیا کی زیرا (F) 1903 7 × 905.7 2-25'-18" RC.P.s @ 0.529b 903.73 \599°56'38'E-402.53\ ) dos. 83 0 0 000000 D ₽ 905.39 × × 904. ι३{}} 903.79 44500 5.1 903.51 266' × 903.78 903.18 10. Orainage & Utility Esmt. ( N=10250 N=10250 904.50 904.56 DO CO 904.32 × 46350 S.F. 50' Bilding line 61250 S.F. 903.28 905.46,40' Right of Way 349" 903.81 904.57 × N89°.56'38"W-\$\frac{1}{\sqrt{307.}\quad \quad 3} 903.41 N=!0000 N=10000 904.64 902.50 902.39 904.55 × × 903.21 902.70 904 17 × 903.32 × 903.50 N= 9900 N= 9900 T.B.M. - Hing Noil PWP 25-129-A (N.C. Cor Journ & Shelborne) One Foot Contour Lines Shown SHEET 1 of 2 1.6 1 g 116 d street & shelberne . Rous (South) - 905,75 Elev. Prepared For: Ook Tree Development, Corp. Cormet, IN. LEGEND
Proposed Storm Sewer
Proposed & Partiroted Pipe
Proposed Uramage Flow
Proposed Elevations (2003)
Proposed Flowe Pod Grade ALLAN H. WEIHE, P.E., L.S. PRESIDENT 10505 NORTH COLLEGE AVENUE INDIANAPOLIS, INDIANA 46280 (317) 846-6611 Typical Street Cross Section Developer's Option PAGE 12112184 CIVIL ENGINEERS This information was gathered for input into the Hamilton County Geographical Information System This document is considered an official record of the Entry Date: 3-23-09 Entered by: JOH

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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

#### Map Correction-Field Verification

Drain Number: #77 J.W. Brendle

Drain Length: 4067

Drain Name: Oak Tree - Section 1

Change + / -: +43

Date: 5-26-09

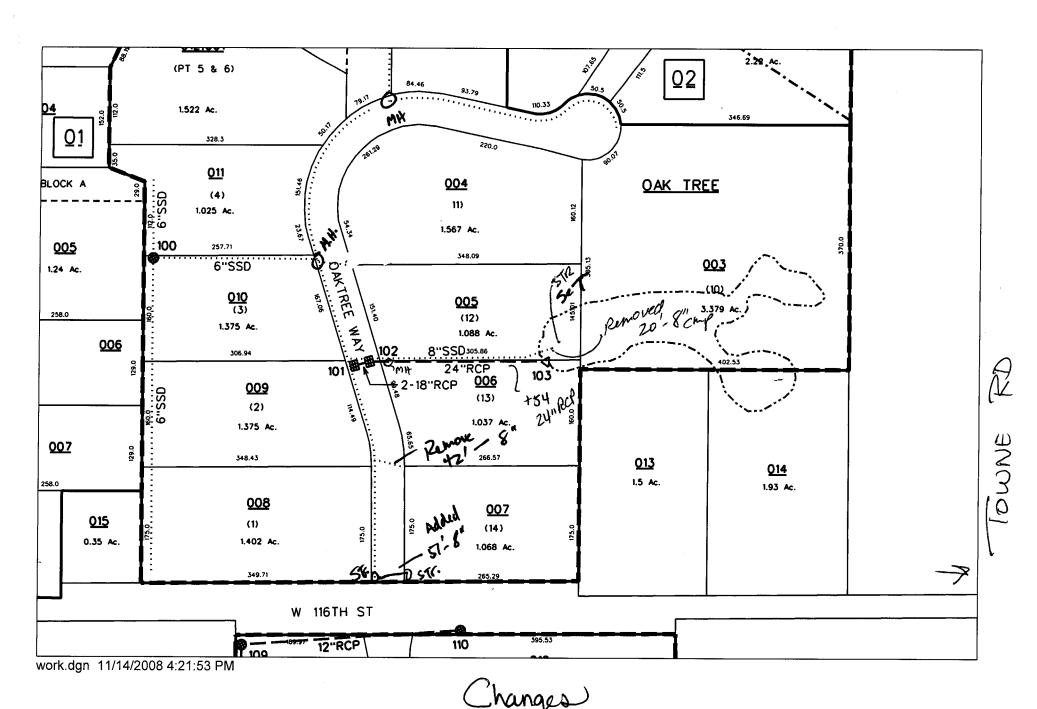
New Length: 4110

Verified By: 5LM /SAB (WO-2008 - 00186)

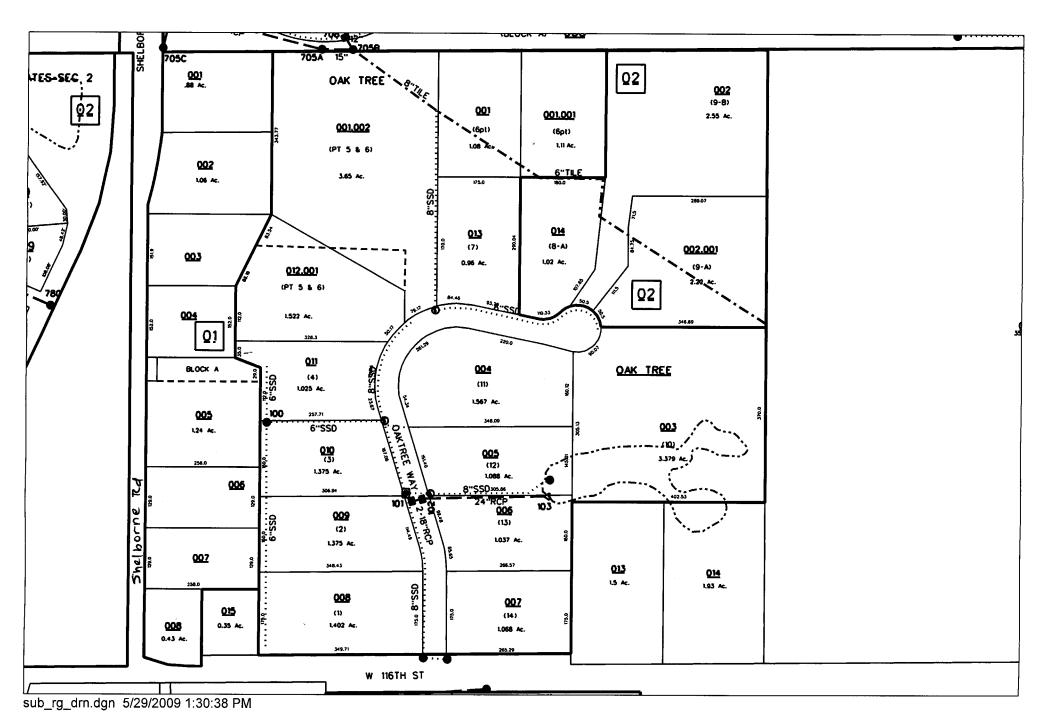
Notes & Sketch:

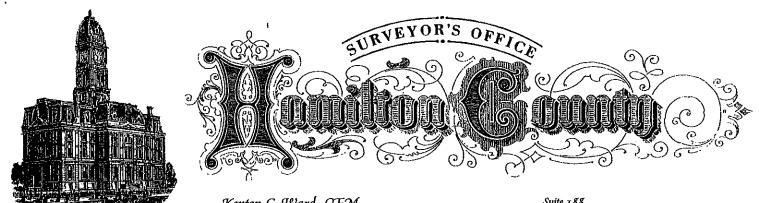
STRUCTURE was reset; Cleaned that serves as the sutlet for the pond. At that time it was discovered that the major did not correctly reflect what was in the field. Those changes are noted on the attached map.

Suzanne L. Mills GIS Specialist



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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

#### Map Correction-Field Verification

**Drain Number: 331** 

Drain Length: 4110

Drain Name: Oak Tree

Change +/-:-928

**Date:** 10-28-2016

New Length: 3182

Verified By: Steve Baitz, Brian Rayl – WO-2015-00339

Notes & Sketch: See attached maps and documents.

The work in Oak Tree involved replacing 236 feet of 8" Tile and 430 feet of 8" SSD with 644 feet of 12" SDR 35 Plastic pipe. This was done across lots 5, 6, and 7. Also, during the work and investigation performed of this drain it was also discovered that the 6" tile running across lots 6, 7, 8A and 9A was never installed. The developer, who currently lives in the subdivision verified this information.

Suzanne L. Mills GIS Specialist

```
10
      1715761 173192.6
                         904.458 prop.corner
1001
      1716304 173011.5
                         894.323 8"reducer_rcp
1002
      1716303 173011.2
                         895.167 rcp15in_inv
1003
      1716303 173011.5
                         895.062 pvc12in_inv
1004
      1716305 173011.9
                         899.706 mh_storm_Nrim
1005
      1716172
                          907.17 mh_storm_Nrim
                173193
                         895.599 pvc12in_inv
1006
      1716172 173192.2
1007
                         895.596 pvc12in_inv
      1716171 173193.1
                         897.099 protzin_inv &" plastic per Brian Rayl
1008
      1715757 173192.9
1009
      1715758 173194.2
                         896.984 pvc12in_inv
                          904.94 inlt
1010
      1715758 173193.7
```

J.W. Brendel 1277 Contractor's Itemized Claim

Drain: \_\_\_\_OAK TREE Arm

Work Order No: 2015-00339

Issue Date: 8/25/15

Completed Date: 12/03/15

Drain Classification: Urban

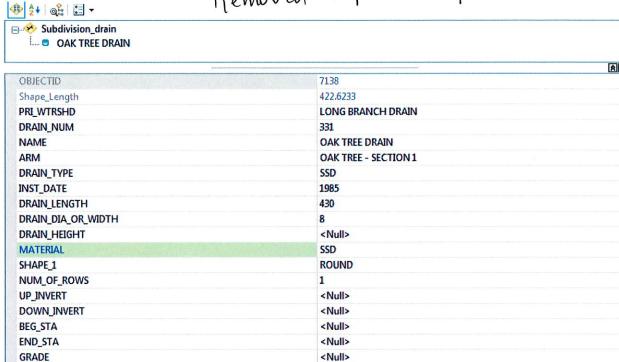
Quantity:	Item:	Price Per Unit:	Cost:
12.	hrs backhoe	55.00	660.00
102	hrs truck	25.00	2,550.00
7	hrs s/a dump truck	45.00	315.00
1	day air compressor	50.00	50.00
2 .	hrs bobcat	40.00	80.00
140	hrs excavator	85.00	11,900.00
154	hrs operator	33.00	5,082.00
58	hrs labor	29.00	1.682.00
644'	12", SDR 35 PVC	9.70	6,246.80
39	bags concrete mix	6.00	234.00
67	tons #8 stone	24.35	1,631.45
24'	6" plastic	1.30	31.20
3.	6" insert couplings.	3.15	9,45
12	concrete bricks	.50	6.00
4 '	8" plastic	2.50	10.00
2	8" plastic insert couplings	5.15	10.30
44'	8" PVC	. 4.30	189.20
,12'	6" PVC	2.40	28.80
1	12" PVC 45 bend	135.00	135.00
1	EJ #1022 manhole cover	288.00	288.00
1	6" build-up	40.00	40.00
1	8" PVC repair coupling	28.50	28.50
2.0 '	l" blastic water line	.35	7.00
. 2	1" insert couplings	. 50	1.00
8	l" clamps	. 95	7.60
1	roll #14 THHN (dog fence wire)	. 31.97 + 2.24	34.21
2	pre-cast manholes 1,	058.50 + 795.45	1.853.95

Total	Cost:	33,111.46	

For Contractor's Comments See Contractor's Log Sheet.

Signature: John Ward construction, Inc. Date: 12/14/15

# Removed-Replaced W/ 12" SDR35



**URBAN** 

DRAIN\_CLASSIFICATION

## REMOVED - Replaced W/12" SDR 35

Subdivision_drain		
OAK TREE DRAIN		
OBJECTID	10092	Ŕ
Shape_Length	218,360385	
PRI_WTRSHD	LONG BRANCH DRAIN	
DRAIN_NUM	331	
NAME	OAK TREE DRAIN	
ARM	OAK TREE - SECTION 1	
DRAIN_TYPE	CLOSED DRAIN	
INST_DATE	1985	
DRAIN_LENGTH	236	
DRAIN_DIA_OR_WIDTH	8	
DRAIN_HEIGHT	<null></null>	
MATERIAL	TILE	
SHAPE_1	ROUND	
NUM_OF_ROWS	1	
UP_INVERT	<null></null>	
DOWN_INVERT	<null></null>	
BEG_STA	<null></null>	
END_STA	<null></null>	
GRADE	<null></null>	
DRAIN_CLASSIFICATION	URBAN	

### Rumoved-NoT Installed

Subdivision_drain		
OAK TREE DRAIN		
OBJECTID	10093	A
Shape_Length	897.132888	
PRI_WTRSHD	LONG BRANCH DRAIN	
DRAIN_NUM	331	
NAME	OAK TREE DRAIN	
ARM	OAK TREE - SECTION 1	
DRAIN_TYPE	CLOSED DRAIN	
INST_DATE	1985	
DRAIN_LENGTH	906	
DRAIN_DIA_OR_WIDTH	6	
DRAIN_HEIGHT	<null></null>	
MATERIAL	TILE	
SHAPE_1	ROUND	
NUM_OF_ROWS	1 .	
UP_INVERT	<null></null>	
DOWN_INVERT	<null></null>	
BEG_STA	<null></null>	
END_STA	<null></null>	
GRADE	<null></null>	
DRAIN_CLASSIFICATION	URBAN	





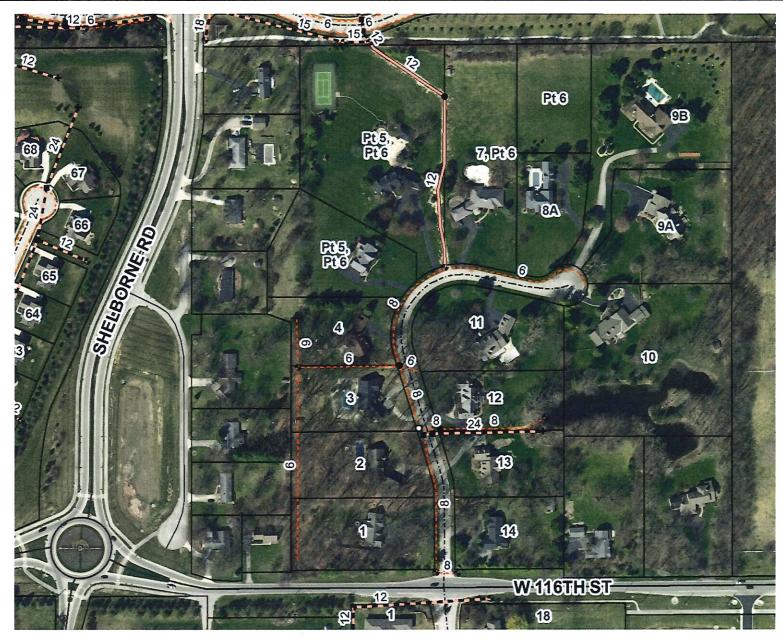
This map was compiled by the Hamilton County Surveyor's

Office. Although strict accuracy standards have been employed
in the compilation of this map, Hamilton County does
not warrant or guarantee the accuracy of the information
contained herein and disclaims any and all liability resulting
from any error or omission in this map.

# #331 JW BRENDLE DRAIN OAK TREE ARM

Printing Date: 10/28/2016
Prepared By: Suzanne Mills, GISP
Hamilton County Surveyor's Office
One Hamilton County Square, Ste 188
Noblesville, IN 46060
317-776-8495







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# #331 JW BRENDLE DRAIN OAK TREE ARM

Printing Date: 10/28/2016
Prepared By: Suzanne Mills, GISP
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