Drain: OAK TREE DRAIN **Drain #:** 209
Improvement/Arm: OAK TREE - SECTION 1
Operator: JDH **Date:** 3-22-04
Drain Classification: **Urban/Rural** **Year Installed:** 1985

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JH 3-22
- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — JH 3-23
- Digitize & Attribute SSD — JH 3-23
- Digitize & Attribute Open Ditch — N/A
- Stamp Plans — JH 3-23
- Sum drain lengths & Validate — JH 3-23
- Enter Improvements into Posse — JH 3-23
- Enter Drain Age into Posse — JW 3-30
- Sum drain length for Watershed in Posse — JW 3-30
- Check Database entries for errors — JH 3-23

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

(N)

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: OAK TREE DRAIN - OAK TREE - SECTION 1

Drain Type:	Size:	Length SURVEYORS REPORT	Length (DB Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
SSD+TILE	6"	2,865'	2,156'	-709		
	8"	1,940	1,651'	-289		
CMP	8"	20'	20'	∅		
	10"	20'	∅	-20'		
RCP	18"	44'	25'	-19'		
	24"	225	215'	-10'		
Sum:		5,114'	4,067'	-1,047'		

Final Report: _____

Comments:

SR AND AB DISAGREE ON 6"+8" SSD, 18"+24" RCP, 6"+8" TILE, AND 10" CMP

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

6

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: OAK TREE DRAIN - OAK TREE - SECTION 1

Drain Type:	Size:	Length SURVEYORS REPORT	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD & TILE	6"	1,745'	3,121'	+1,376'		
	8"	Ø	686'	+686'		
CMP	8"	20'	20'	Ø		
RCP	18"	44'	25'	-19'		
	24"	225'	215'	-10'		
TILE	6"	1,120'	Ø	-1120'		
	8"	1,940'	Ø	-1940'		
CMP	10"	20'	Ø	-20'		
Sum:		5,114'	4067'	-1047'		

Final Report: _____

Comments:

SR AND AB DISAGREE FOR 6"+8"SSD, 18"+24" RCP, 6"+8" TILE, AND 10" CMP.

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 May 30, 1985

9:00am

To: 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	
10" CMP	40 ft	
18" RCP	44 ft	
24" 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.

Book A
#5600
6/27/85

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, 1985.

FILED

JUN 10 1985

HAMILTON COUNTY DRAINAGE BOARD

Kenton C. Ward
Hamilton County Surveyor

SECRETARY

KCW/jh

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

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
J.R. Morford, Attorney-in-fact

GCSI FORM No. 172

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

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: Allan H. Weihe Date: Aug 12, 1985

Type or Printed Name: Allan H. Weihe

Business Address: 10505 N. College Ave., Indianapolis, Indiana 46280

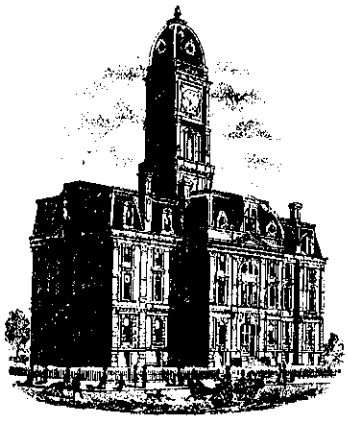
Telephone: (317)846-6611

INDIANA REGISTRATION NUMBER

10398

SEAL

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060



SURVEYOR'S OFFICE

Hamilton County

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. New lengths are:

FILED
SEP 9 1985
HAMILTON COUNTY DRAINAGE BOARD
Nancy Ellen Oldham
SECRETARY

8" tile	1940 ft	
10" CMP	20 ft	
18" RCP	44 ft	
24" RCP	225 ft	
8" CMP	20 ft	
6" tile	1120 ft	(existing field tile) (760)
6" SSD	1745 ft	DL

The total length of drain is---------- ~~4872~~ 5,114 feet

I recommend to the Board that the drain be accepted and the non-enforcement of easement be approved.

Kenton C. Ward, Surveyor

KCW/jh

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office, One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

OAK TREE

GENERAL NOTES:
1. No fill material 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 absorption field.
4. It 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 omissions found on these plans or in the field before work is started or resumed.

E = 9900 E = 10000 E = 10250 E = 10500 E = 10750

N=11400 N=11250 N=11000 N=10750 N=10500 N=10250 N=10000 N= 9900

See "Off-Site" Sheet

899.53

N 89° 59' 15" W - 1046.76'

906.48 906.47 906.66 910.36 909.25 908.72 906.40 909.99 909.37 910.62 906.57 907.21 908.90 908.57 907.63 905.46 908.22 907.68 908.14 905.53 905.38 907.79 907.81 907.74 906.60 905.36 906.54 907.68 907.46 908.30 907.59 907.21 908.54 906.50 903.71 903.59 903.66 902.48 903.42 903.45 904.95 905.71 905.91 902.73 904.74 902.64 903.99 904.26 904.54 902.82 903.10 903.93 904.21 905.01 905.78 904.32 904.61 904.46 905.46 905.68 904.47 905.56 906.42 905.93 905.11 904.45 903.91 904.57 906.11 907.13 904.64 906.44 903.50 903.32 902.39 903.21 902.70 903.05 904.55 902.59 903.41 903.78 903.51 903.18 904.56 905.72 905.71 906.60 905.61 907.46 907.59 905.39 904.08 904.09 903.79 903.28

20' Drainage & Utility Esmt.

8" Tile @ 0.7%

15' Drainage & Utility Esmt.

Approximate Location of Existing Drain Tile

10' Drainage & Utility Esmt.

Block A

THEE WAY

10' D & U E

2-25"-18" RCP @ 0.52%

2-24" RCP @ 0.62%

Building Line

Start Ditch

WATER (ELEV. 917.00')

Sign Easement

50' R/W Line

116TH Street

N 89° 56' 38" W - 665.00'

1 6450000 S.F.
2 58250 S.F.
3 44500 S.F.
4 43560 S.F.
5 66750 S.F.
6 450000 S.F.
7 47500 S.F.
8 46000 S.F.
9 201750 S.F.
10 148250 S.F.
11 47000 S.F.
12 47020 S.F.
13 44500 S.F.
14 46350 S.F.

Scale 1"=50'
Zoned S-1
Total 14 Lots
29.38 Acres±

TBM - King Nail Rwf. 25-129-A (N.E. Cor. 106TH & Shelborne) Elev. 908.21

TBM - @ 116TH Street & Shelborne Road (South) - 905.75 Elev.

LEGEND
Proposed Storm Sewer
Proposed Perforated Pipe
Proposed Drainage Flow
Proposed Elevations 000.0
Proposed House Pad Grade 000.0

1" H.A.C. Surface
5" H.A.C. Base
6" Comp. #53
4" Comp. #2 Agg.
6" Concrete

Typical Street Cross Section
Developer's Option

One Foot Contour Lines Shown

Prepared for:
Oak Tree Development Corp.
Cornet, IN

SHEET 1 of 2

REVISIONS	DATE	BY

JOB NO 84-1845
DRAWN BY D.B.
CHECKED BY
DATE 12/17/84
F.B. PAGE #

WEIHE ENGINEERS INC.
10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS

HAMILTON COUNTY INDIANA

This information was entered for input into the Hamilton County Information System and is considered a part of the official records of the Hamilton County Surveyor's Office.

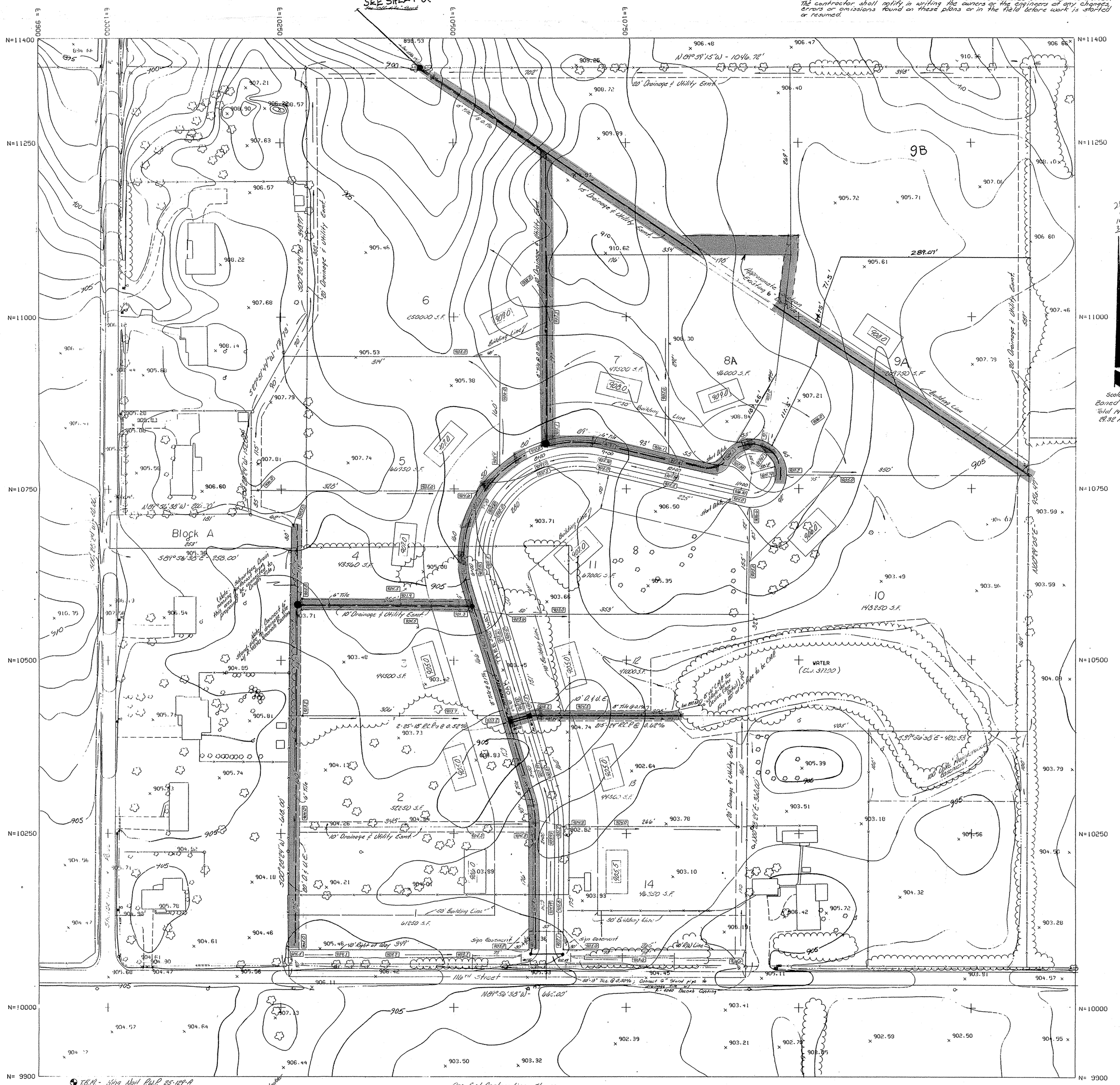
Entry Date: 3-23-04

Entered by: JDH

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

OAK TREE

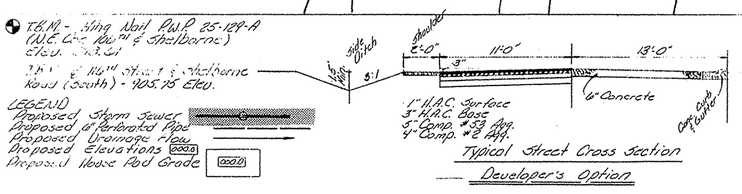
GENERAL NOTES:
1. No fill material will be placed over absorption field. Natural ground line to remain.
2. Any finish grading done in area of absorption field will be done with light equipment.
3. No construction traffic to be allowed in area of absorption field.
4. It shall be the responsibility of 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 omissions found on these plans or in the field before work is started or resumed.



Scale 1"=50'
Zoned S-1
Total 14 Lots
24.32 Acres ±

TBM - Existing Mail Rail P.K. 85-129-A (N.E. Cor. Lot 14 Shelborne) Elev. 318.61
Top of 16" Storm Sewer @ Shelborne Road (South) - 305.15 Elev.

LEGEND
Proposed Storm Sewer
Proposed 6" Perforated Pipe
Proposed Drainage Flow
Proposed Elevations
Proposed House Pad Grade



Typical Street Cross Section
Developer's Option

One Foot Contour Lines Shown

Prepared For:
Oak Tree Development Corp.
Carmel, IN.

SHEET 1 of 2

REVISIONS	DATE	BY	JOB NO.
Change Ditch Profile along 116th St. - Add 15" C.M.P.	3-14-85	D.B.	84-1285
			DRAWN BY D.B.
			CHECKED BY
			DATE 12/12/84
F.B.	PAGE	#	

WEIHE ENGINEERS INC.
10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611
ALLAN H. WEIHE, P.E., L.S.
PRESIDENT
CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS

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

Entry Date: 3-23-04

Entered by: JOH

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

SURVEYOR'S OFFICE

Hamilton County

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 Name: Oak Tree - Section 1

Date: 5-26-09

Verified By: SLM / SAB (WO - 2008 - 00186)

Drain Length: 4067

Change + / - : +43

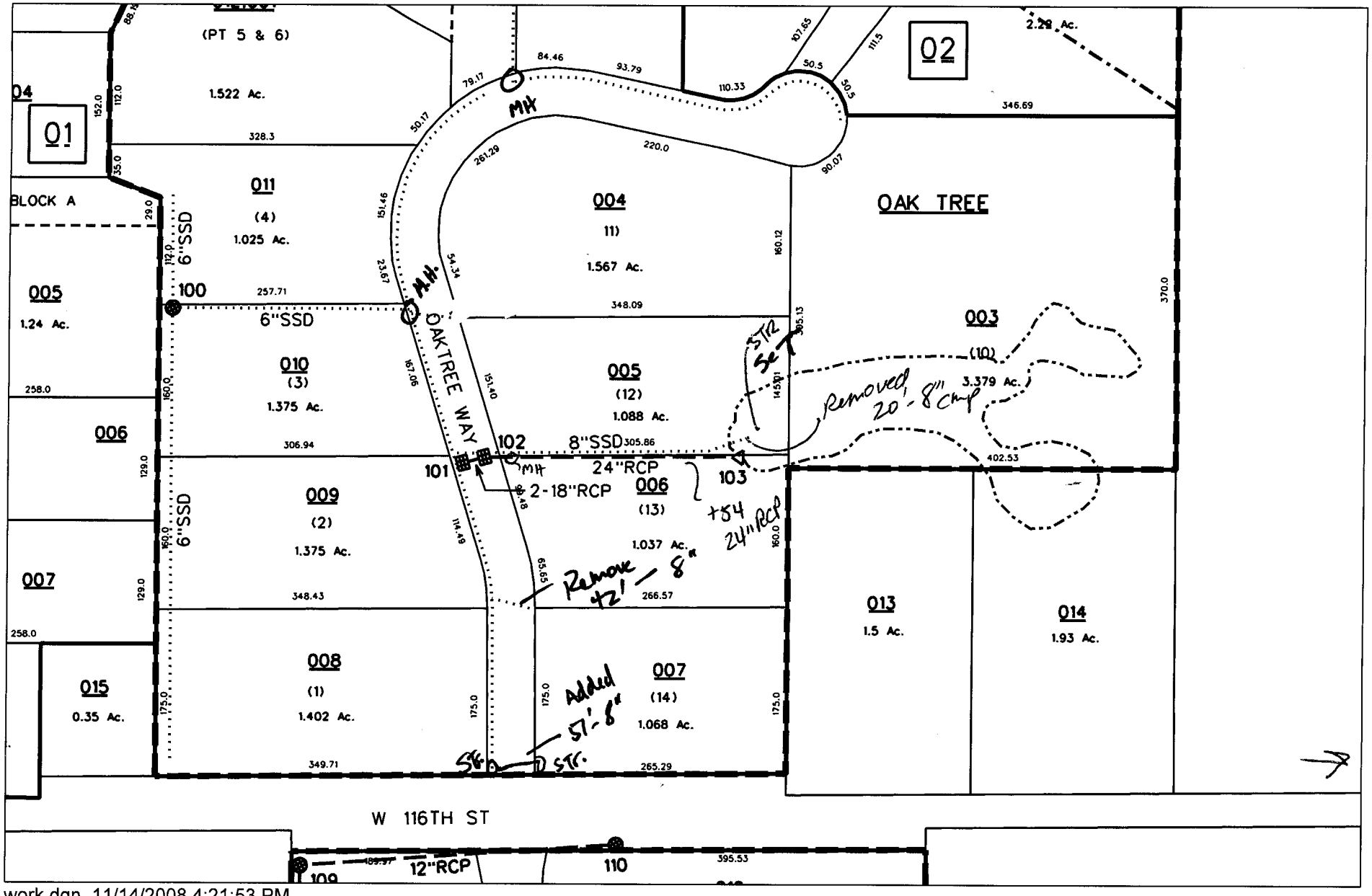
New Length: 4110

Notes & Sketch:

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

Suzanne L. Mills
GIS Specialist

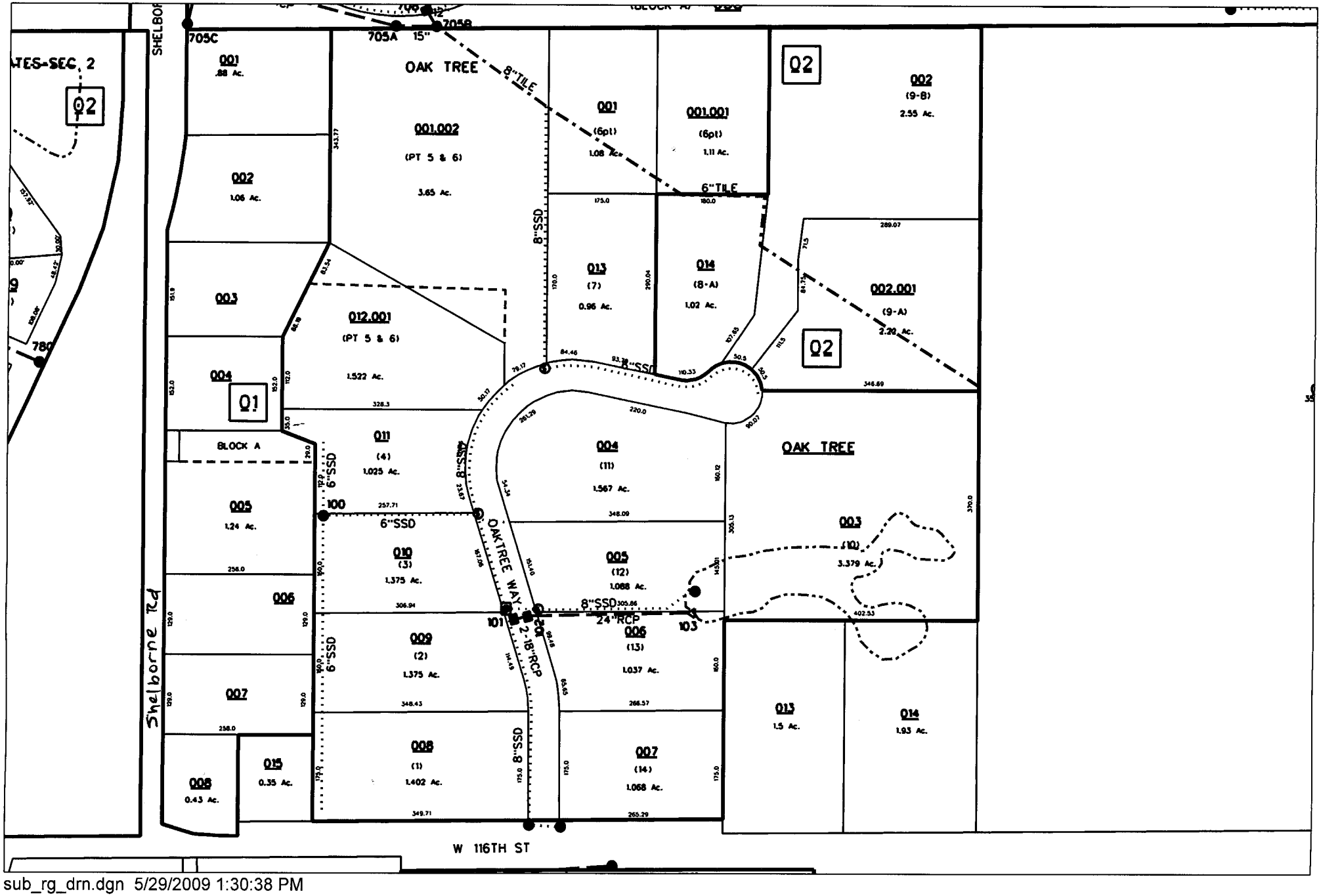
This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060



work.dgn 11/14/2008 4:21:53 PM

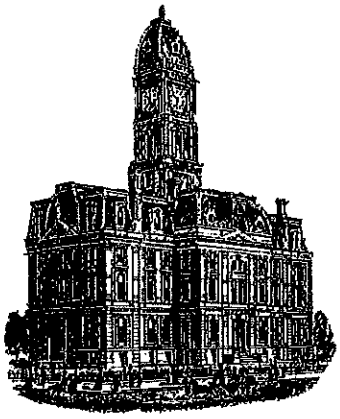
Changes

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



sub_rg_drn.dgn 5/29/2009 1:30:38 PM

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



SURVEYOR'S OFFICE
Hamilton County

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 Name: Oak Tree

Date: 10-28-2016

Drain Length: 4110

Change + / - : -928

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

Suzanne L. Mills
GIS Specialist

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

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	173193	907.17	mh_storm_Nrim
1006	1716172	173192.2	895.599	pvc12in_inv
1007	1716171	173193.1	895.596	pvc12in_inv
1008	1715757	173192.9	897.099	pvc12in_inv 8" plastic per Brian Rayl
1009	1715758	173194.2	896.984	pvc12in_inv
1010	1715758	173193.7	904.94	inlt

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

J.W. Brendel #77 **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
20'	1" plastic water line	.35	7.00
2	1" insert couplings	.50	1.00
8	1" 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

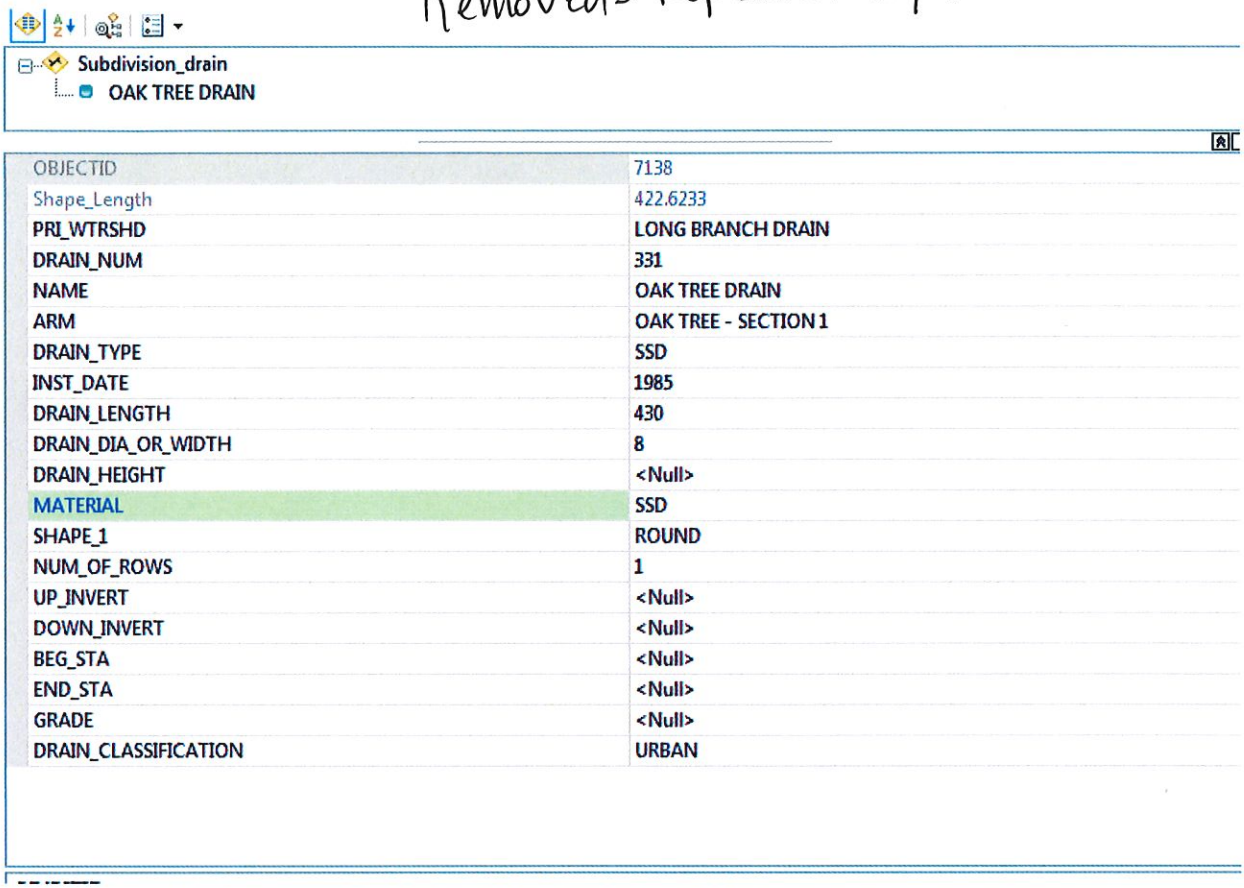
Total Cost : 33,111.46

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

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

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

Removed - Replaced w/ 12" SDR35

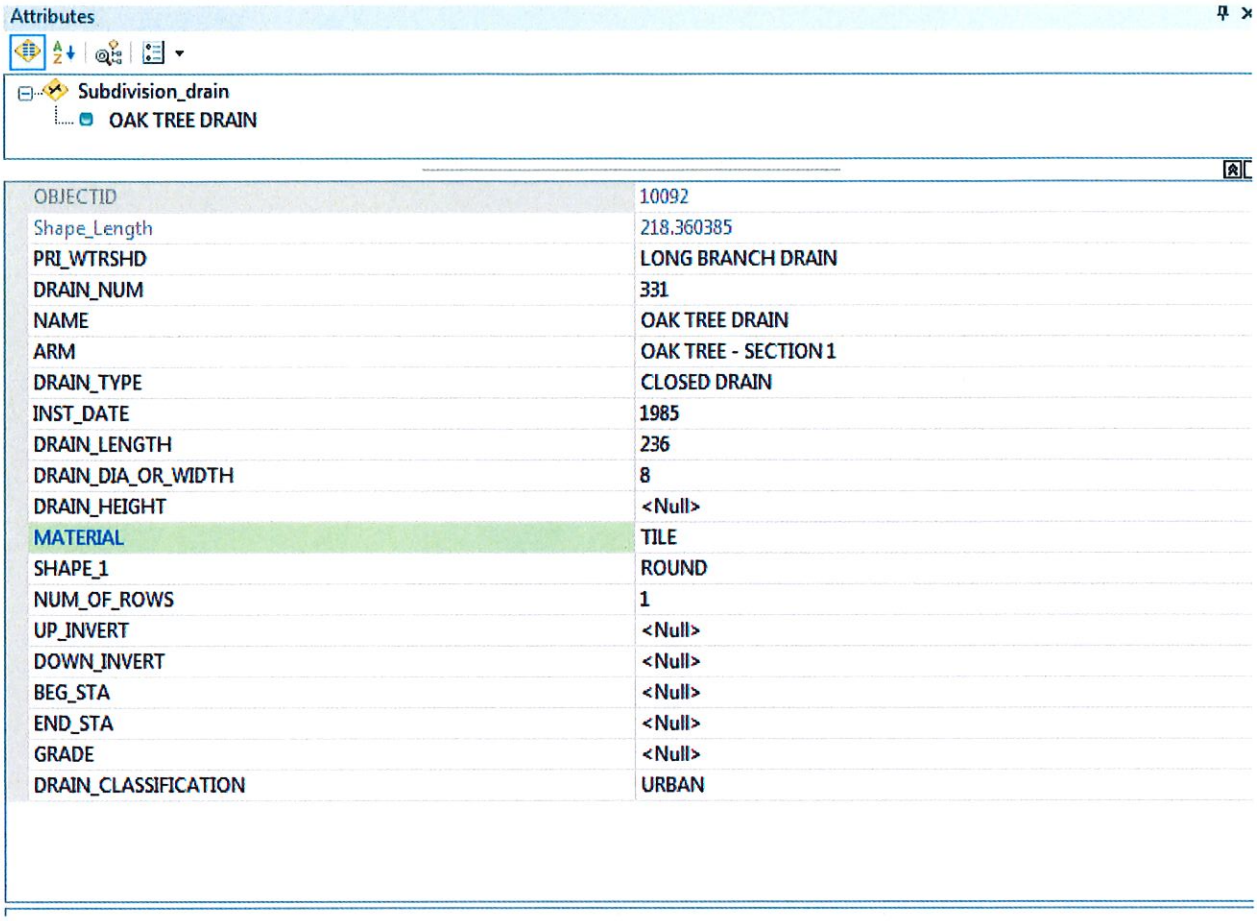


Subdivision_drain
OAK TREE DRAIN

OBJECTID	7138
Shape_Length	422.6233
PRI_WTRSHD	LONG BRANCH DRAIN
DRAIN_NUM	331
NAME	OAK TREE DRAIN
ARM	OAK TREE - SECTION 1
DRAIN_TYPE	SSD
INST_DATE	1985
DRAIN_LENGTH	430
DRAIN_DIA_OR_WIDTH	8
DRAIN_HEIGHT	<Null>
MATERIAL	SSD
SHAPE_1	ROUND
NUM_OF_ROWS	1
UP_INVERT	<Null>
DOWN_INVERT	<Null>
BEG_STA	<Null>
END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

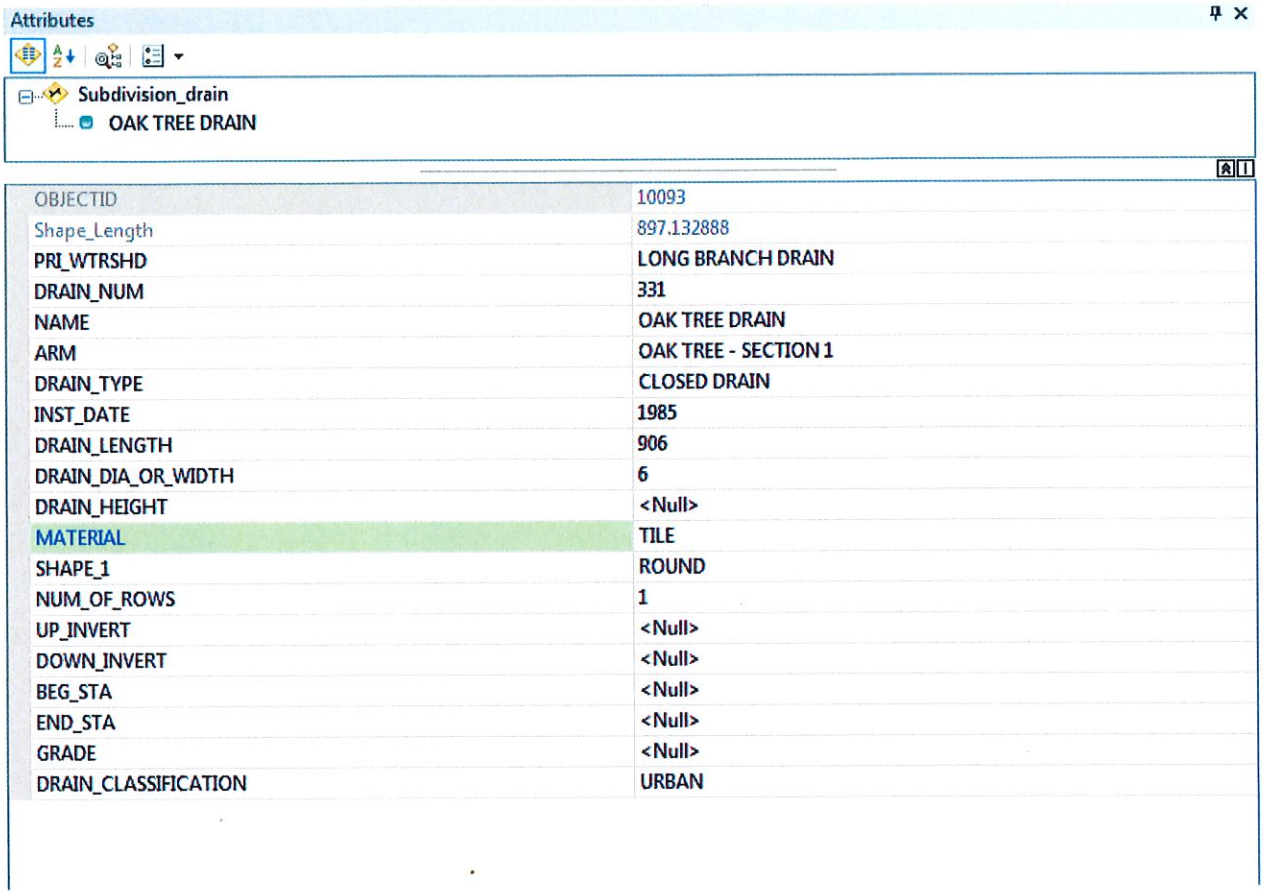
REMOVED - Replaced w/ 12" SDR 35



OBJECTID	10092
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>
MATERIAL	TILE
SHAPE_1	ROUND
NUM_OF_ROWS	1
UP_INVERT	<Null>
DOWN_INVERT	<Null>
BEG_STA	<Null>
END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN

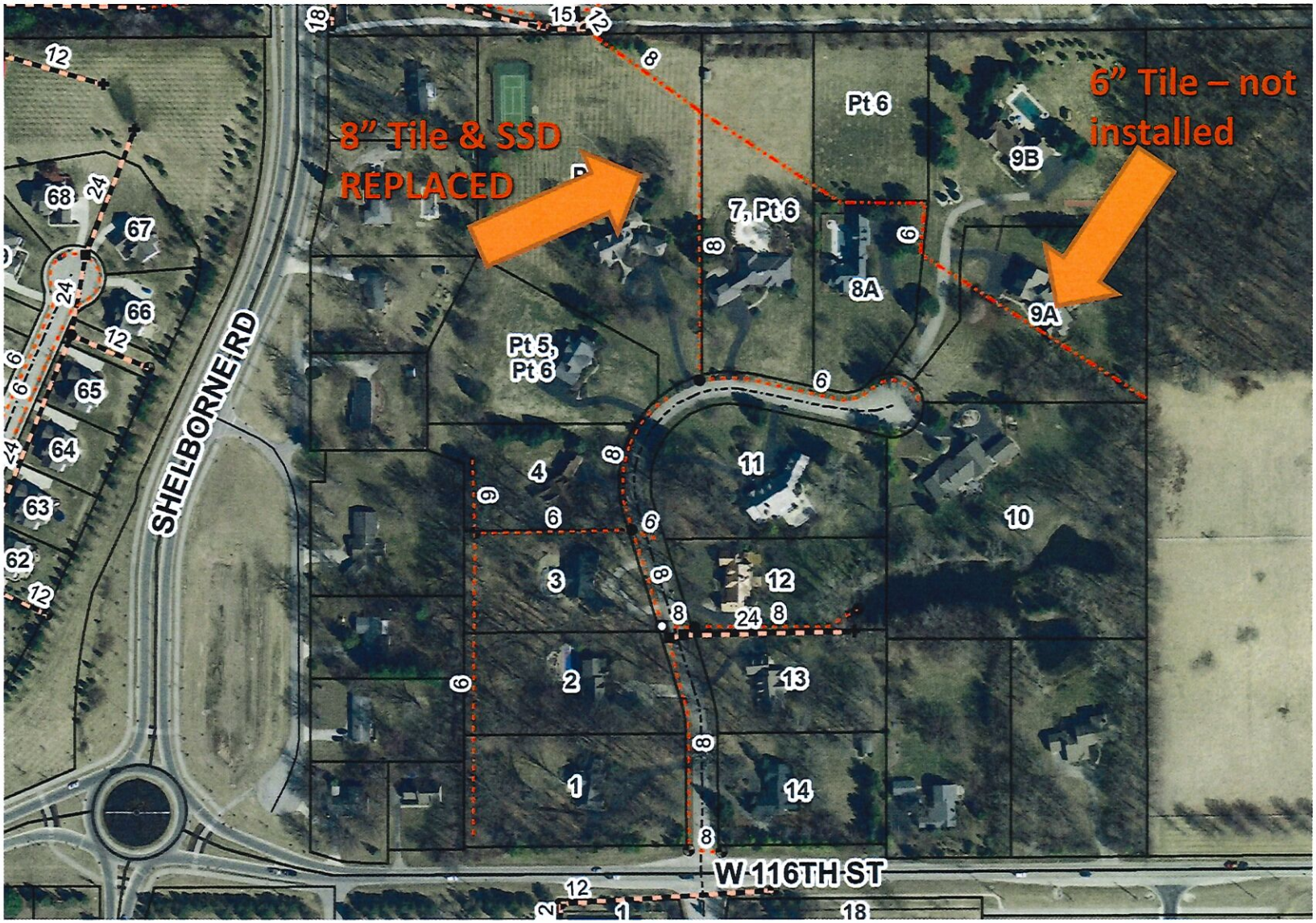
This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

Removed - NOT Installed



OBJECTID	10093
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>
MATERIAL	TILE
SHAPE_1	ROUND
NUM_OF_ROWS	1
UP_INVERT	<Null>
DOWN_INVERT	<Null>
BEG_STA	<Null>
END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



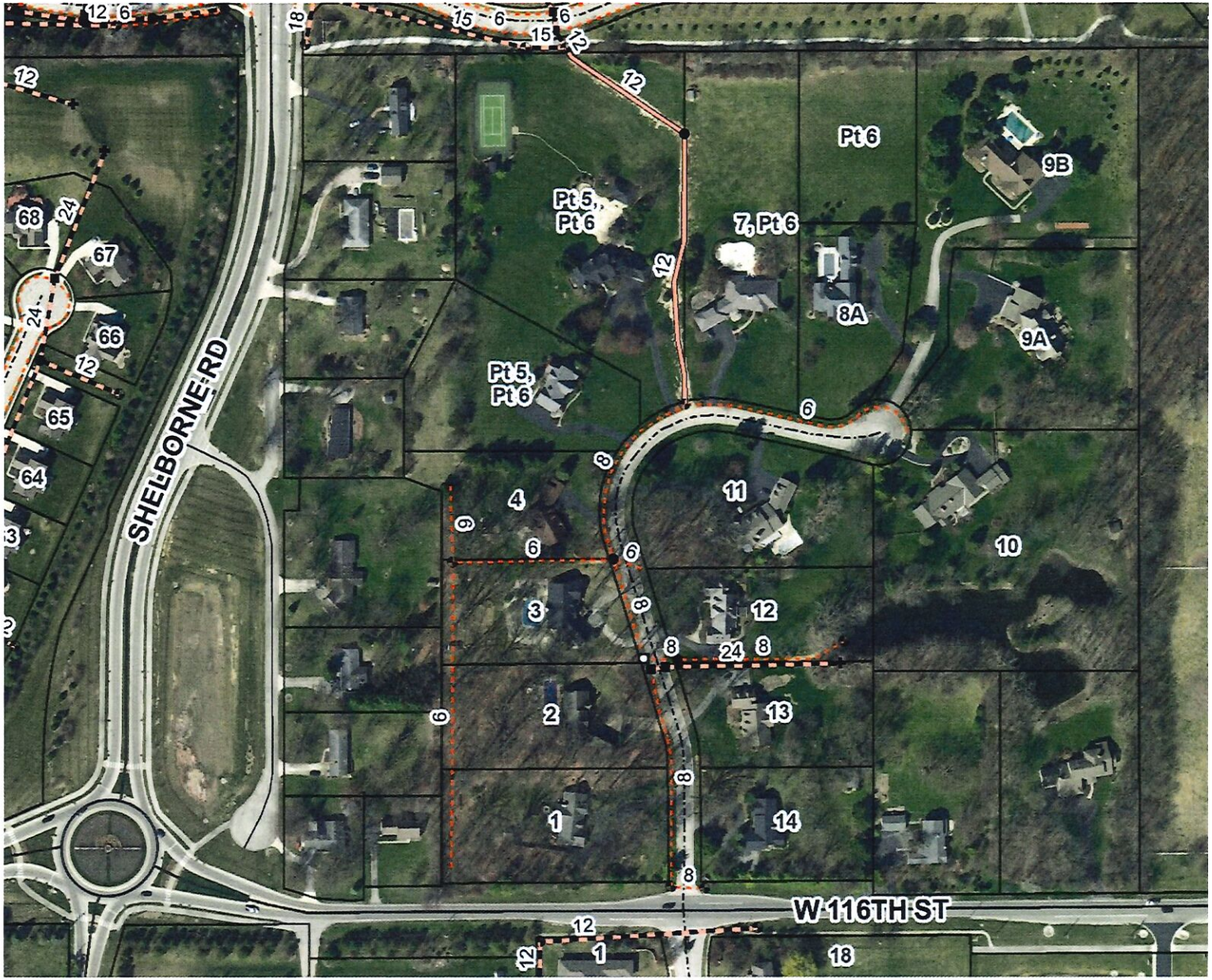
This map was compiled by the Hamilton County Surveyor's Office. Although strict accuracy standards have been employed in the compilation of this map, Hamilton County does not warrant or guarantee the accuracy of the information contained herein and disclaims any and all liability resulting from any error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

N

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



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 18E
Noblesville, IN 46060
317-776-8495

N

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060