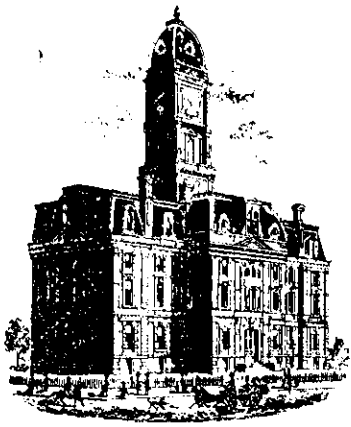


Drain: JOHN OSBURN DRAIN **Drain #:** 162
Improvement/Arm: ENGLISHHOOKS - SECTION A
Operator: JOH **Date:** 6-2-04
Drain Classification: Urban/Rural **Year Installed:** 2000

GIS Drain Input Checklist

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



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

October 18, 2000

Re: John W. Osborn Drain, English Oaks Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the English Oaks Arm, John W. Osborn 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	3,701 ft
12"	RCP	250 ft
15"	RCP	879 ft

The total length of the drain will be 4,830 feet.

The retention pond (pond #3) located at the rear of Lots 9 and 15 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 and those main lines between lots or in rear yards. Only the main SSD lines which are located within the easement/right of way 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: Rears of Lots 8-9, 14, 16-18, 19-20, 21-27 and between Lots 10-12.

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 \$25.00 per lot, \$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 \$475.00.

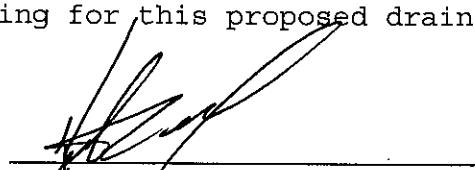
Parcels assessed for this drain may be assessed for the Collins-Osborn or Williams Creek, or Springmill Run Drains at some time in the future.

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.

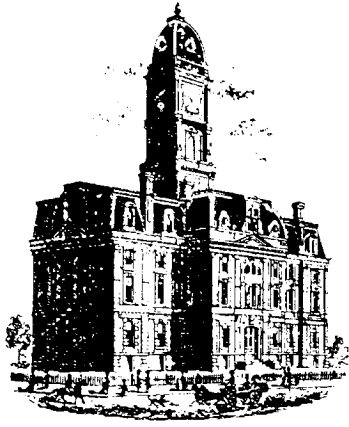
I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those widths as shown on the secondary plat for English Oaks as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 27, 2000.

KCW/kkw



Kenton C. Ward
Hamilton County Surveyor



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: #162 John Osborn

Drain Length: N/A

Drain Name: English Oaks Arm

Change +/-: N/A

Date: 12-8-06

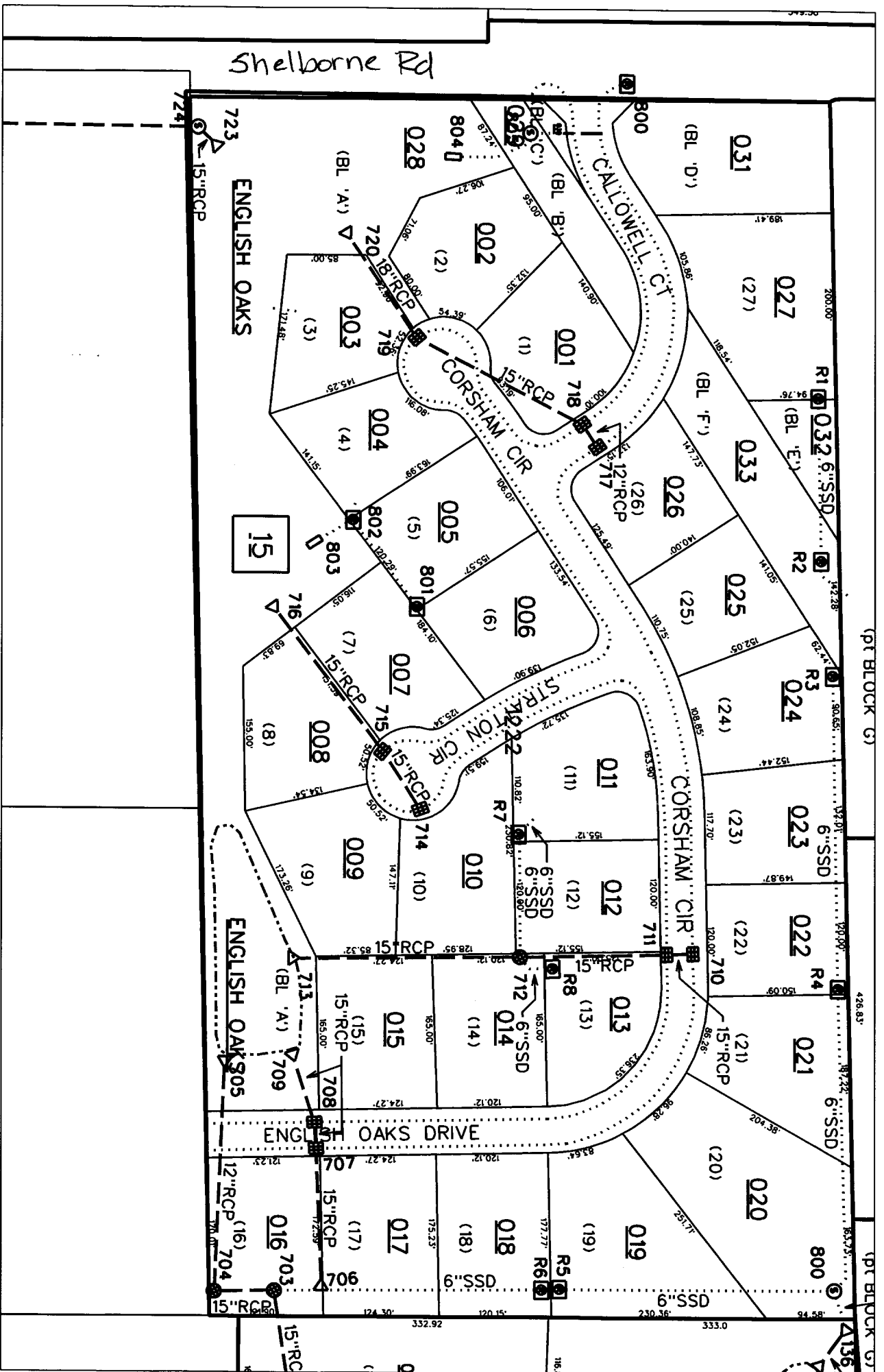
New Length: N/A

Verified By: SAB

Notes & Sketch:

STRUCTURE 706 was installed as an end section not a beehive as the as-builts reflect. See the attached map.

Suzanne L. Mills
GIS Specialist



Shelborne Rd

ENGLISH OAKS

ENGLISH OAKS

ENGLISH OAKS DRIVE

CORSHAM CIR

CALLOWELL CT

STRATTON CIR

CORSHAM CIR

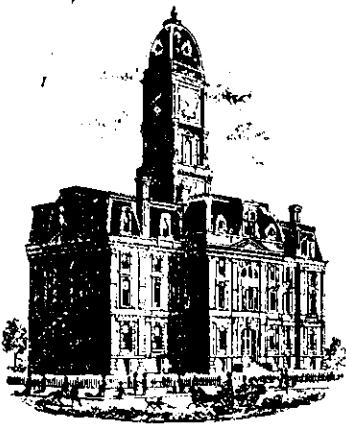
(pt BLOCK G)

(pt BLOCK G)

15

426.83'

136'



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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

December 15, 2003

Re: John Osborn Drain: English Oaks Arm

Attached are as-builts, certificate of completion & compliance, and other information for English Oaks. 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 18, 2000. The report was approved by the Board at the hearing held November 27, 2003. (See Drainage Board Minutes Book 5, Pages 508-510) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
705		893.9					
704	896.41	892.7	12	249.14	-1		
704	896.41	892.1					
703	896.15	891.4	15	65	-0.8		
703	896.15	891.4					
702		890.5	15	135	-0.66		
706		894.5					
707	897.58	894.3	15	154.79	-0.2		
707	897.58	894.2					
708	897.59	894.2	15	26	-0.2		
708	897.59	894.1					
709		893.9	15	73.72	-0.22		
710	901.05	897.2					
711	901.14	896.8	15	25.91	-1		
711	901.14	896.8					
712	897.5	895.1	15	169.6	-1		
712	897.5	895.1					
713		894	15	228.29	-0.5		

6" SSD Streets:

English Oaks Ct	954
x2	

6" SSD Lots:

Lots 16-20	662
Lots 8-11	180

Total: 1908

Lot 27	255
Lots 20-24	723
Total:	<u>1820</u>

**RCP Pipe
Totals:**

	12	249.14
	15	878.31
Total:		<u>1127.45</u>

Other Drain:	
8" cmp	10
Total:	<u>10</u>

The length of the drain due to the changes described above is now **4865.45 feet**.

The non-enforcement was approved by the Board at its meeting on November 27, 2003 and recorded under instrument #200100002891.

The following sureties were guaranteed by Developers Surety and Indemnity Company and released by the Board on its August 25, 2003 meeting.

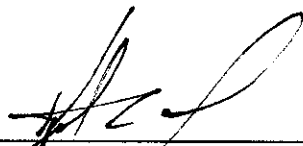
Bond-LC No: 266
Insured For: Storm Sewers
Amount: \$52,300
Issue Date: June 23, 2000

Bond-LC No: 265
Insured For: Erosion Control
Amount: \$8,740
Issue Date: June 22, 2000

Bond-LC No: 267
Insured For: Sub Surface Drains
Amount: \$42,685
Issue Date: June 23, 2000

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

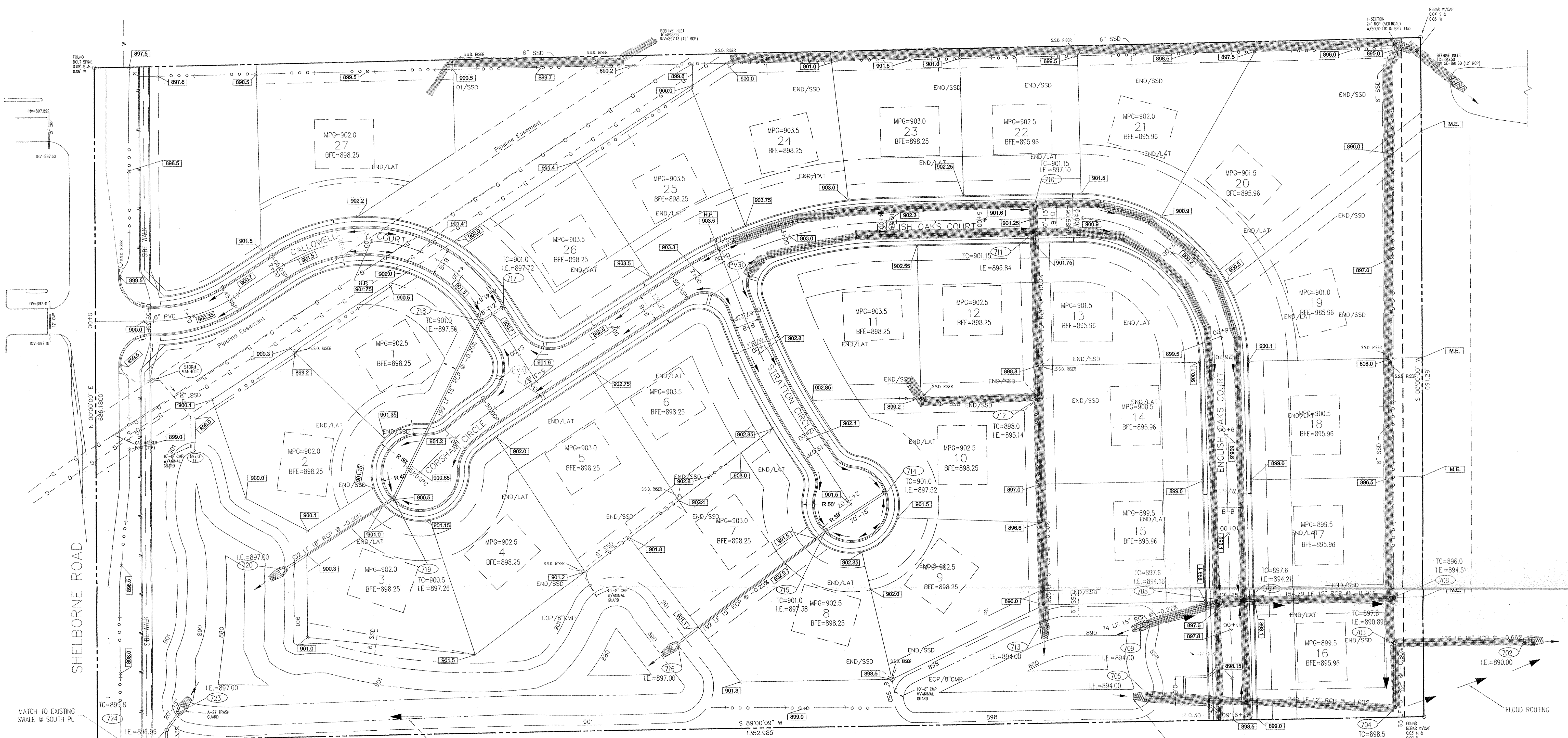
KCW/slm

#162 John Osborn
English Oaks Am

PAUL I. CRPE, INC. - NEW HAVEN, CONNECTICUT
REGISTERED PROFESSIONAL ENGINEER
PROJECT NUMBER: 0301

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REGISTERED PROFESSIONAL ENGINEER
PROJECT NUMBER: 0301



OUTLET STORM SEWER WILL DISCHARGE AT NE CORNER OF 106th STREET & SHELBORNE ROAD TO AN EXISTING 15" CULVERT. (SEE SHEET C702 FOR OFFSITE PLAN)

FLOOD ROUTING
ANY CONSTRUCTION BELOW THE 100 YEAR FLOOD ZONE "A" REQUIRES PERMIT FROM FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA). ANY CONSTRUCTION IN FLOODWAY REQUIRES PERMIT FROM INDIANA DEPARTMENT OF NATURAL RESOURCES (IDNR).

A.D.A. CURB RAMP ARE SHOWN ON SHEET # C201 ONLY

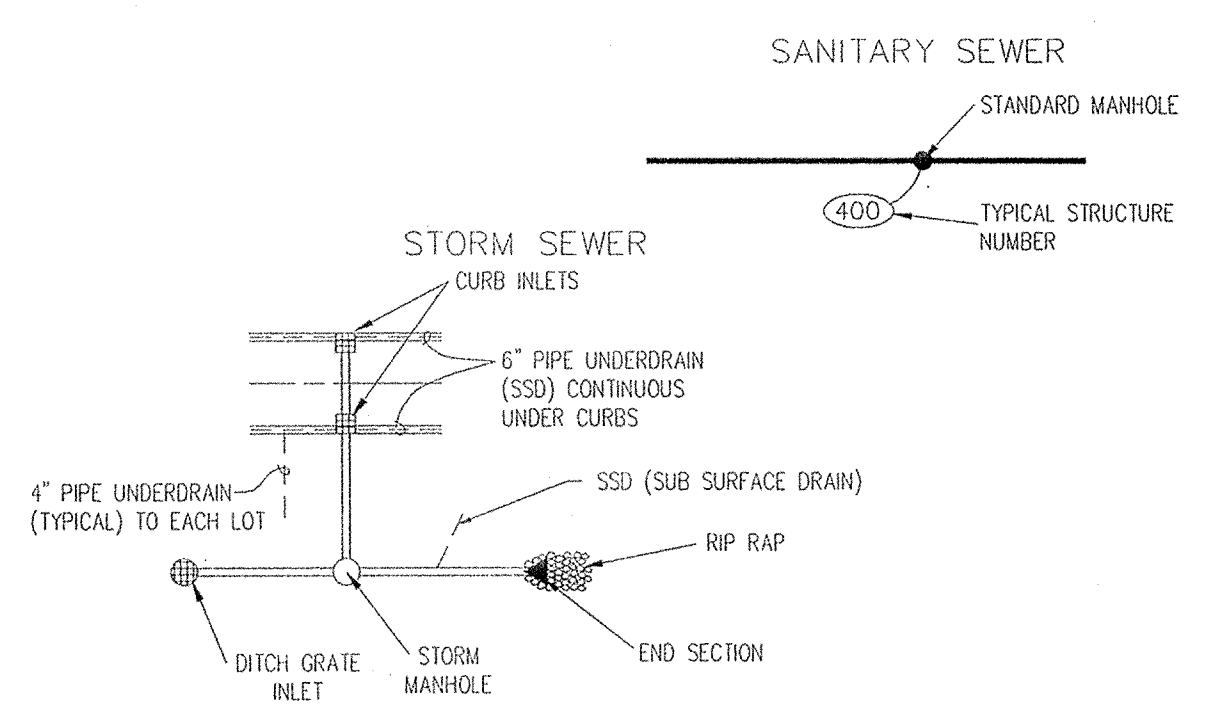
A.D.A. CURB RAMP (Sheet # C901)

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

NOTE:
1. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
2. TOPOGRAPHIC AND PLANIMETRIC INFORMATION FROM PHOTOGRAMMETRIC COMPILATION BY OTHERS. ACCURACY HAS NOT BEEN TOTALLY CONFIRMED BY PAUL I. CRPE, INC. TYPICAL AERIAL PHOTOGRAMMETRIC MAPPING ACCURACY IS TO WITHIN ONE-HALF CONTOUR INTERVAL. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE OUTSIDE PHOTOGRAMMETRIC CONSULTANT SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF PHOTOGRAMMETRIC MAPPING. TOPOGRAPHIC MAPPING PREPARED BY:

THE HOMEOWNER, BUILDER OR HIS REPRESENTATIVE MUST HAVE A PLOT PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS ALL THE REQUIREMENTS OF THE PLANNING JURISDICTIONS, FEDERAL AND STATE REQUIREMENTS, LOCAL UTILITIES, COVENANTS AND ANY OTHER ENCUMBRANCES. THIS PLAN, AMONG OTHER ITEMS, SHALL CONSIDER FLOOR LEVELS, STORM ROUTINGS, AND MINIMUM FLOOR ELEVATIONS. GRAVITY SEWER SHALL NOT BE CONSIDERED FOR LOWER LEVELS. PAUL I. CRPE, INC., SHALL BE HELD HARMLESS IF THESE REQUIREMENTS ARE NOT MET.

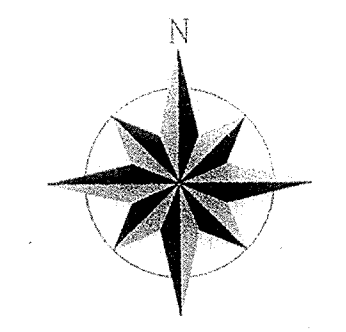
NO PAD - MEANS THIS IS A HEAVY WOODS LOT AND NO PAD FEEL REQUIRED BY THE DEVELOPER.
MPG - (MINIMUM PAD GRADE) MEANS THE DEVELOPER IS TO PAD THE PAD AREA TO THE GRADE SHOWN.
MFG - (MINIMUM FINISHED GRADE) MEANS THE FINISHED GRADE AROUND THE HOME. NO OPENING CAN BE BELOW THE FINISHED GRADE.
BFE - (BASE FLOOD ELEVATION) MEANS THE 100 YEAR FLOOD ELEVATION.



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: 6-2-04
Entered by: JOH



JOHN OSBORN
Crooked Creek Drain
HAMILTON COUNTY
INDIANA



KENTON C. WARD
HAMILTON CO. SURVEYOR
December 4, 2003

SCALE: 1" = 50'

This map was compiled by the Hamilton County Surveyor's Office. Additional copies are available from the Hamilton County Surveyor's Office, Hamilton County Government and Judicial Center, One Hamilton County Square, Suite 188, Noblesville, IN 46060.

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.

English Oaks