Drain: OLIVER SHOEMARER	Drain #: 42_
Improvement/Arm: Woods of	BRITTEN RELOCATION
Operator: JILIVINGSTON	Date: 6-16-04
Drain Classification: Urban/Rural	Year Installed: 1996

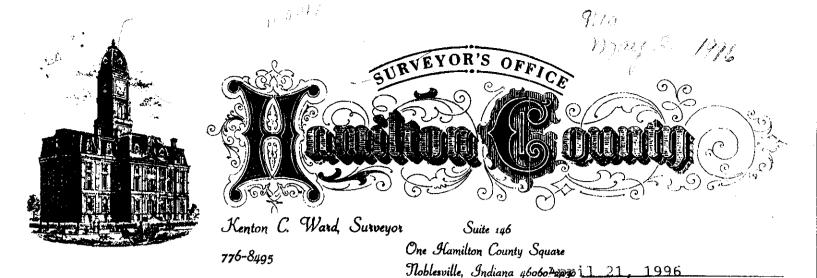
GIS Drain Input Checklist

•	Pull Source Documents for Scanning	- purt
•	Digitize & Attribute Tile Drains	00
•	Digitize & Attribute Storm Drains	Sen prof
•	Digitize & Attribute SSD	
•	Digitize & Attribute Open Ditch	
•	Stamp Plans	Scan
•	Sum drain lengths & Validate	puf
•	Enter Improvements into Posse	Sim
•	Enter Drain Age into Posse	
•	Sum drain length for Watershed in Posse	
•	Check Database entries for errors	

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

Drain-Improvement: OUVER SHOEMAKER - WOODS OF BRITTON RELOCATION

Drain Type:	Size:	Length	Length	l rendtu l		<u>ब्लिल</u> ेट
			(DB Query)	Reconcile	Price:	Cost:
RCP	18"	85'	55 ′	-30'		
	21"	490.	385'	-105		
	27"	1345	1345'			
			.,			· · · · · · · · · · · · · · · · · · ·
						-
						
		-		· ·		
						· · · · · · · · · · · · · · · · · · ·
	Sum:	1920'	1785	*-135°	B	11,000
nal Report:	1920/				 -	7
omments:		,				
(135' OF D	NAIN REPI	ACED AND	lor remo	eo eca	SR 37	- Bor
						
						



TO: Hamilton County Drainage Board

RE: Oliver Shoemaker Drain

Attached is a petition, plans, calculations and miscellaneous information for a relocation of the Oliver Shoemaker Drain filed by Ronald R. & Sandra K. Cox and Thompson-Speitzberg Enterprises, Inc. and James C. Deering. The proposed relocation is to allow for the development of the Woods of Britton, an apartment complex and proposed commercial area being developed by Regency Windsor Companies.

The proposed relocation consists of the interception of the Oliver Shoemaker Drain between approximately STATION 58 and STATION 72+50 of the original drain; interception of Arm 3 of the Oliver Shoemaker Drain at approximately STATION 5=00 and abandoning the arm between STATION 5+00 and 11+50, at which point it enters the main drain; and the relocation of the John Sutton Drain arm, between STATION 0 and approximately STATION 11+00 of the original tile/ The length of the relocated and abandoned lines is as follows: John Sutton Arm 1100 feet, Oliver Shoemaker main line 1450 feet, Arm 3 Oliver Shoemaker 650 feet for a total of 3,200 feet.

The relocation is shown on sheet C204 of the attached plans as prepared by Bohlen, Meyer, Gibson and Associates, Inc. The interception of each of these tile drains will be done on the North side of 141st Street. The points of interception will be at STRUCTURE 720 for Arm 3, STRUCTURE 170 for the John Sutton Arm Drain. The connection at STRUCTURE 170A is actually on a private tile which flows under 141st Street and enters the Sutton tile in the Structure at STATION 0. The lines which are to be regulated drain area as follows:

STR 170A to 170 Approx. 30 feet to be field verifiedthought to be 12" tile

STR	170 to 160	40	£t	21"	RCP
STR	160 to 150	340	ft	21"	RCP
STR	150 to 140A	335	£t	27"	RCP
STR	140A to 140	350	ft	27"	RCP
STR	140 to 130	90	ft	27"	RCP
STR	130 to 120	455	£t	27"	RCP
STR	120 to 110	115	ft	27"	RCP
STR	110 to 112	60	ft	21"	RCP
STR	111 to 110	30	£t	18"	RCP
STR	113 to 112	30	ft	21"	RCP
STR	E1 to 150	55	ft	18"	RCP

The total length of new drain is 1930 feet. A decrease will result in the total length of the Oliver Shoemaker Drain of 1270 feet.

The cost of the relocation will be paid by Regency Windsor Company. A Letter of Credit has been filed for the project in the amount of \$111,000.00.

Two (2) non-enforcement of easement requests have been filed. The requests are for a reduction of easement for the new pipe on tracts 11-19-00-00-016.000, 11-19-00-00-017.000 to twenty (20') foot per half, as measured from the centerline.

The proposed detention pond shown on the plans is sized for the seventy (70) acre project area and the thirty (30) acre drainage area to the East. The surface water flowing onto the property from North of 141st Street shall be directed into the detention pond through four (4) twenty-four (24") inch RCP's under 141st Street. This will prevent surface water overtopping 141st Street. The overflow of this water will be through the pond and under State Road 37, through an existing twenty-four (24") culvert. As areas upstream of the site develops less surface water will be released eventually eliminating the need for the four (4) twenty-four (24") RCP's under 141st Street.

The determination of the release rate for the remaining drainage shed shall be part of this reconstruction. For the area between upstream of the railroad, the future allowable release rate shall be 0.15 cfs per acre. Rates shall be determined based on current acres assessed to the Oliver Shoemaker Drain. The attached calculations dated March 18, 1996 more fully describes existing and proposed conditions and rates.

I believe the Oliver Shoemaker Drain meet 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 request a hearing for this proposal for May 1996.

Kenton/C. Ward

Hamilton County Surveyor

KCW/no



NBD Bank International Operations, MS 318 One Indiana Square Indianapolis, Indiana 46266 (317) 266-5395

In All Correspondence Quote Our Reference No.

◄ By Mail By Wire ▶

TELEX: MCI205615

S.W.I.F.T.: NBDDUS44 FAX: (317) 266-7150

IRREVOCABLE STANDBY LETTER OF CREDIT NO. S037425 MARCH 21, 1996

*** BENEFICIARY *** BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTON ROOM 16, COURTHOUSE NOBLESVILLE, IN 46060

1444 APPLICANT TROY H. LAMBERT 11025 FLAMEVINE LANE ISUITE 1-7 IVERO BEACH, FL

EXPIRY DATE/PLACE EXPIRES ON APRIL 01, 1997

*** AVAILABLE AT/BY: TOUR OFFICE ONLY BY PRESENTATION FOR PRESENTATION AT OUR OFFICE. (OF DOCUMENT(S) REQUIRED AND YOUR IDRAFT(S) DRAWN AT SIGHT.

******************************** A M O U N T O F C R E D I T : NOT TO EXCEED, IN THE AGGREGATE 111,000.00 U.S. DOLLARS *********************************

GENTLEMEN,

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE NAMED APPLICANT, WE HEREBY ESTABLISH OUR IRREVOCABLE LETTER OF CREDIT IN YOUR FAVOR WHICH IS AVAILABLE AS INDICATED ABOVE AGAINST PRESENTATION OF YOUR DRAFT(S) DRAWN ON NBD BANK, N.A., INDIANAPOLIS, INDIANA, WHEN ACCOMPANIED BY THIS ORIGINAL LETTER OF CREDIT AND THE FOLLOWING DOCUMENT(S):

BENEFICIARY'S SIGNED CERTIFICATE STATING THAT THE APPLICANT HAS FAILED TO PROPERLY CONSTRUCT THE NECESSARY RELOCATION OF THE LEGAL DRAIN COLIVER SHOEMAKER REGULATED DRAIN AND JOHN SUTTON TILE), AT THE WOODS OF BRITTON, SECTION 19-T18N-R5E, FISHERS, IN; IN CONJUNCTION WITH THE ENGINEERING PLANS SUBMITTED FOR THE PROJECT AND PREPARED BY BOHLER, MEYER & GIBSON AND ASSOCIATES, INC.; DATED 12/1/95 AND REVISED 2/12/96.

WE HEREBY ENGAGE WITH DRAWERS AND/OR BONA FIDE HOLDERS THAT DRAFTS DRAWN AND NEGOTIATED IN CONFORMITY WITH THE TERMS OF THIS CREDIT WILL BE DULY HONORED AT PRESENTATION.

EXCEPT SO FAR AS OTHERWISE EXPRESSLY STATED, THIS CREDIT IS . SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE PUBLICATION NO. 500.

REGARDS,

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Woods of Britton (Oliver Shoemaker Regulated 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: Man D.	Date: 3/20/97
Type or Printed Name: Allan H. Wei	Date: 3/20/97
Business Address: Weihe Engine	
10505 North (Telephone:(317) 846-66	College Avenue, Indianapolis, IN 46280
· · · · · · · · · · · · · · · · · · ·	INDIANA REGISTRATION NUMBER
SEAL NO. 8827 STATE OF WOLANA WOL	#8827





Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776=9628

Suite 146 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

August 22, 2000

Re: Oliver Shoemaker Drain: Woods of Britton Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Woods of Britton. 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 April 21, 1996. The changes are as follows:

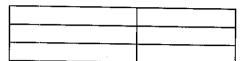
Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

				803.75	809.13	170
		40	21	803.68	809.73	160
				803.68	809.73	160
5	340	345	21	803.42	809.24	150
				803.42	809.24	150
		335	27	803.13	808.93	140A
				803.13	808.93	140A
		350	27	802.82	809.69	140
				801.86	809.14	110
		30	18	802.35		111
				802.33		113
		30	21	802.13	808.9	112
				802.13	808.9	112
15	60	75	21	801.86	809.14	110
				801.86	809.14	110
		115	27	802.18	808.88	120

120	808.88	802.18			<u> </u>	<u> </u>
130	808.66	802.59	27	455		-
130	808.66	802.59				-
140	809.69	802.82	27	90		
720 to 150			18	55		

RCP Pipe Totals:

18	85
21	490
27	1345



The length of the drain due to the changes described above is now **1920 feet**. Therefore, A decrease will result in the total length of the Oliver Shoemaker Drain of 1260 feet.

The non-enforcement was approved by the Board at its meeting on May 28, 1996 and recorded under instrument #9609628245 and 9609628246.

The bond or letter of credit from NBD Bank number S037425; dated March 21, 1996; in the amount of \$111,000.00; expired April 1, 1997.

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

Sincerely,

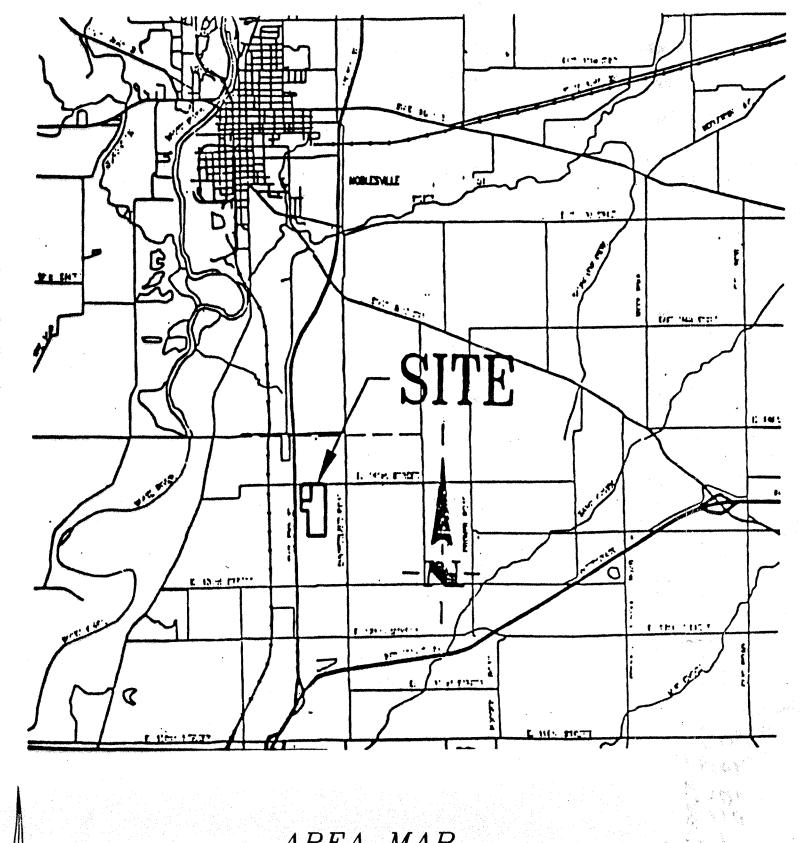
Kenton C. Ward

Hamilton County Surveyor

KCW/slm

STORM SEWER AS-BUILT FOR

FISHERS, INDIANA



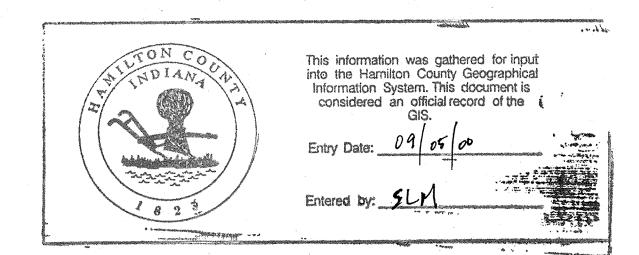
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	INDEX				
SHEET NO.	DESCRIPTION				
C001					
C204 - C205	DEVELOPMENT PLAN		Ao		
C701 - C702	STORM SEWER PLAN AND PROFILE				
			ider rikasiyasiya «Marika		

REVISIONS

SHEET NO.	1 DESCRIPTION	
		. «





PLANS PREPARED FOR:

CONTACT PERSON MARK THOMPSON

PLANS PREPARED BY:

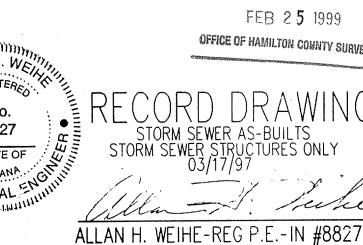
WEIHE ENGINEERS, INC. 10505 N. COLLEGE AVE. INDIANAPOLIS, IN 46280 TELEPHONE: (317) 846-6611

OPERATING AUTHORITIES

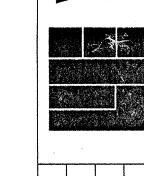
Hamilton County Surveyor
One Hamilton County Square, Suite 146
Noblesville IN 46060
Telephone: (317) 776-8495
Hamilton County Soil Conservation Service
925 Division Street
Noblesville IN 46060
Telephone: (317) 773-1406 Insight Cablevision 15229 Stoney Creek Way Noblesville IN 46060 Telephone: (317) 773-0660 Indiana Bell Telephone 5858 North College Avenue Hamilton County Highway Department Fishers Development Department 1717 Pleasant Street One Municipal Drive Noblesville IN 46060 Indianapolis IN 46220 Fishers IN 46038 Telephone: (317) 252-4220 Telephone: (317) 773-7770 Telephone: (317) 595-3120 Indianapolis Water Company 1220 Waterway Blvd. PSI Energy P.O. Box 312 Indiana Gas Company 15900 Allisonville Road Indianapolis IN 46202 Noblesville IN 46060 Noblesville IN 46060 Telephone: (317) 773-1980 Telephone: (317) 263-6347 Telephone: (317) 776-5597

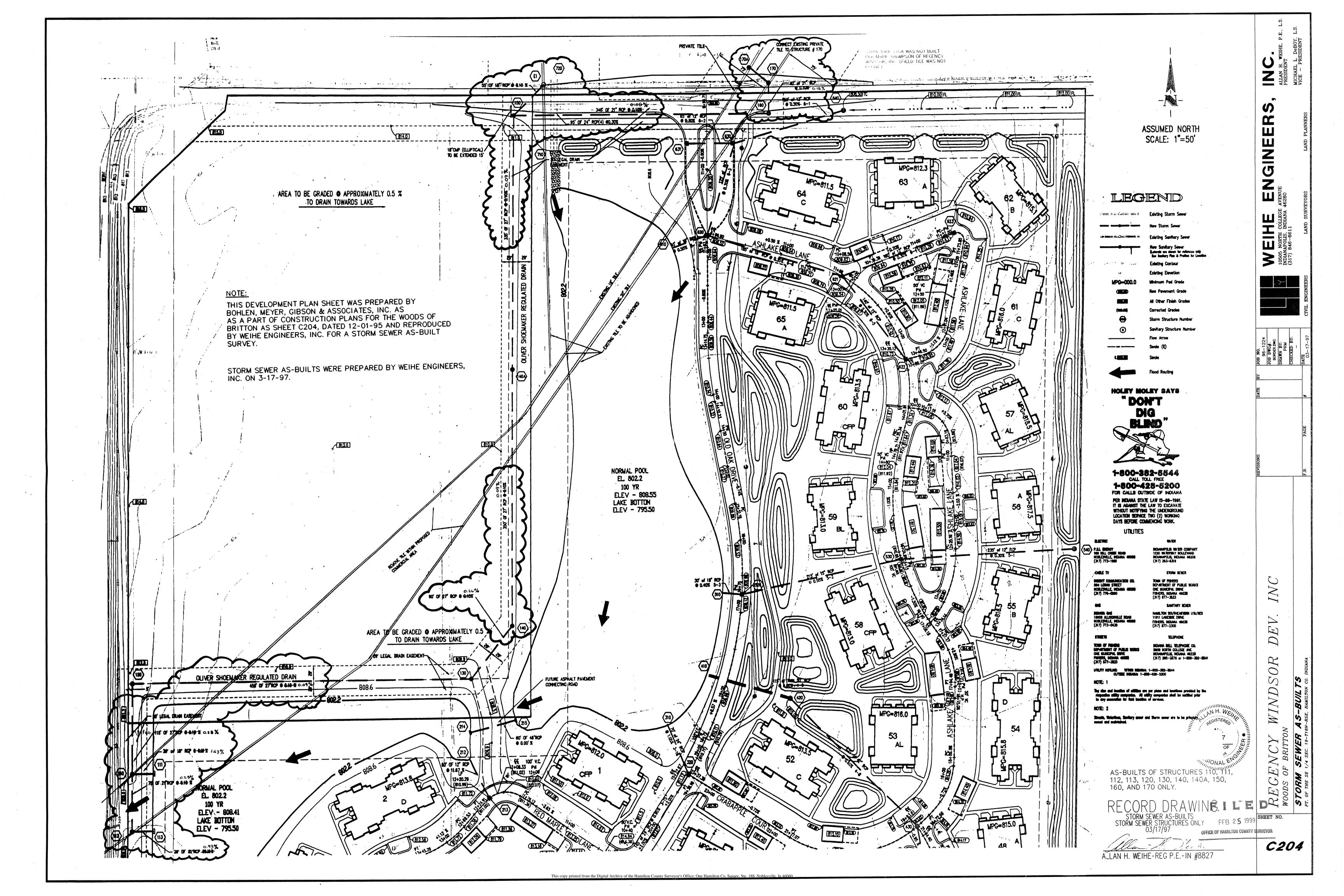
Fishers Public Works Department Director of Public Works One Municipal Drive Fishers IN 46038 Telephone: (317) 595-3160

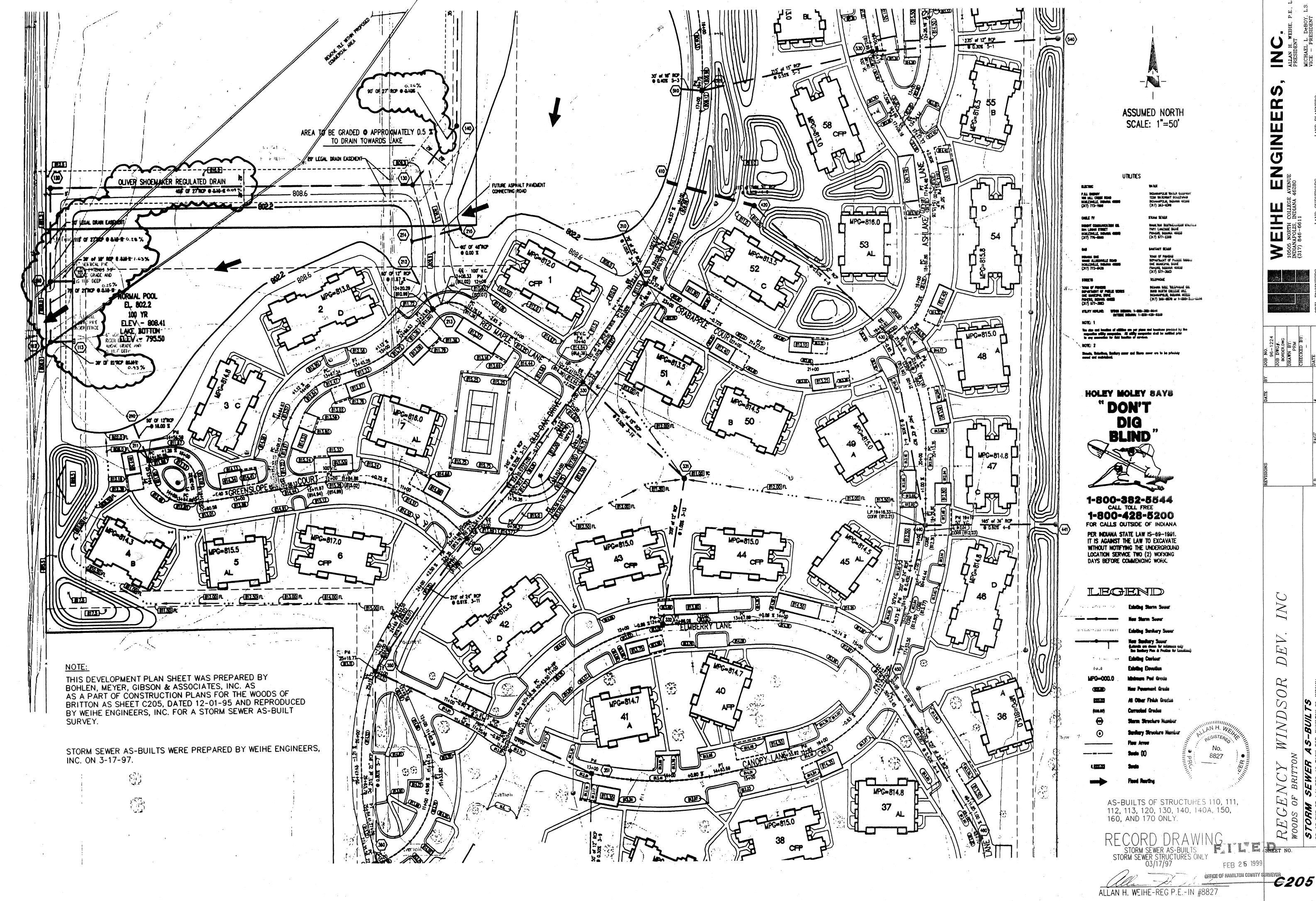
> AS-BUILTS OF STRUCTURES 110, 111, 112, 113, 120, 130, 140, 140A, 150, 160, AND 170 ONLY. OFFICE OF HAMILTON COUNTY SURVEYOR



C001







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