Drain: WATER WOOD DRAIN	Drain #: 258
Improvement/Arm: WATTARWOOD - SK C770.	
Operator:	Date: 6-16-04
Drain Classification: Urban/Rural	

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

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

Drain-Improvement: WATER WED GRAIN - WATER WED - SECTION Z

Orain Type:	Size:	Length SURVEY PROSET	Length (DB Query)	Length Reconcile	Establication of the second	
550	64	5,798'	5,798'	Reconcile	Price:	Cost
CHAP	8"	40'	40'	Ø		
RCP	124	Z99 '	299'	Ø		
	15"	Z 9 9'	299'	8		
	184	462'	462'	в	-	
	21"	134'	134'	6		· · · · · · · · · · · · · · · · · · ·
	24"	669'	669'	ø		
· ·	Sum:	7,701'	7701'	6		

Final Report:				
Comments:			•	
		· · · · · · · · · · · · · · · · · · ·		,
	· · · · · · · · · · · · · · · · · · ·			





Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2456 bruary 24, 1995

TO: Hamilton County Drainage Board

RE: Waterwood-Section 2

Attached is a petition, non-enforcement request, plans, calculation, quantity summary and assessment roll for the Waterwood Section 1. 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	5798	feet	18"	RCP	474	feet
8"	CMP	40	feet	21"	RCP	138	feet
12"	RCP	299	feet	24"	RCP	666	feet
1511	RCP	305	feet				

The total length of the drain will be 7,720 feet.

The retention pond (lake) located in the common area of the rear of Lots 73 to 76 and lot 79 to 82 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: Rear of Lot 46 to 49; Rear of Lots 66 to 70 and 54 to 63; Rear of Lot 73; Rear of Lots 82 to 86; and Rear of Lots 87 to 92.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed by the construction of this drain. I recommend a maintenance assessment of \$20.00 per lot, \$5.00 per acre for roadways, with a \$20.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$1.295.56

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 designed as an Urban Drain.

Parcels assessed for this drain may be assessed for the Osborn-Collins or Williams Creek Drain at sometime in the future. Parcels assessed for this drain will also be assessed for the Vernon W. Asher 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 easement widths as shown on the secondary plat for Waterwood Drain-Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for April 1995.

Kenton C. Ward

Hamilton County Surveyor

KCW/no



SAFECO INSURANCE COMPANIES

SAFECO INSURANCE COMPANY OF AMERICA GENERAL INSURANCE COMPANY OF AMERICA FIRST NATIONAL INSURANCE COMPANY OF AMERICA HOME OFFICE. SAFECO PLAZA, SEATTLE, WASHINGTON BBIBS

BOND	5811656	

SUBDIVISION BOND

KNOW ALL MEN BY THESE PRESENTS, That we	ENTEX REAL ESTATE CORPORATION	
of 8555 N. River Road, Suite 100, Indiana	polis, IN 46240	as Principal,
and SAFECO INSURANCE COMPANY OF AMERICA, office and place of business in the City firmly bound unto HAMILITON COUNTY, BOARD	of Conttle Manblushin a	
	in the sum of One Hundred Ten Ti	nousand and 00/100
(\$110,000.00) DOLLARS, for ourselves, our heirs, executors, administ erally, firmly by these presents.	which payment well and truly to rators, successors, and assigns,	be made, we bind jointly and sev-
SEALED with our seals and dated this	2lstday of	November
A.D. 19 94 .		
WHEREAS, the above bounden Principal has plat of subdivision known as	been or is about to be granted a	pproval for a
WATERWOOD II		
said approval being conditioned upon the	installation of storm sewer, s	ub surface drains.
monuments & erosion control		
in said subdivision, in accordance with p	lans and specifications prepared	l by
NOW THEREFORE THE CONDITION OF THIS OBLIG shall well and truly and in good, suffici performed the installation of said improv to remain in full force and effect.	ent and workmanlike manner perfo	orm or cause to be
*	CENTEX REAL ESTATE CORPORATION	VX
COUNTERSIGNED BY:	Pi	incipal
1711 Ludewood	BY: Janel / God	
Max Underwood Indiana Resident Agent	II and (Wol	
	SAFECO INSURANCE COMPAN	OF AMERICA
· ·	BY: Mark & Scheder	
•	Mary L. Schuler (A	ttorney-in-fact)

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POWER OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA GENERAL INSURANCE COMPANY OF AMERICA HOME OFFICE: SAFECO PLAZA SEATTLE, WASHINGTON 98185

	No	7591		
KNOW ALL BY THESE PRESENTS:			.,	
That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE Corporation, does each hereby appoint """ELLEN L. COPE; PATRICIA THURMOND; JENNIFER L. BROWN; JACQUE JENNIFER L. BROWN; GEOFFREY E. HEEKIN; BRENDA D. HOCKBERGER; A ROBERT E. DUNCAN; DEBRA KOHLMAN; THERESAN E. ROWEDDER; MARY L. Chicago, Illinois"""""""""""""""""""""""""""""""""""	ELINE E. ANN FORM SCHULE	. WHITE; GAR MHALS; DONNA ER; CONNIE M	RY L. WESSEL! WRIGHT; !ZAUR;	1 NK
its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidel documents of a similar character issued in the course of its business, and to bind the re	lity and su espective c	rety bonds or u ompany thereby.	ndertakings and ot	her
IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL II executed and attested these presents			AMERICA have e	ach
State of Illinois				
County of Cook				
On this day of, 19, 1994	_, befor	e me persor	nally appeared	d
Mary L. Schuler , known				
Safeco Insurance Company of America executed the within instrument, and acknowledged to me the same.		_, the co	poration tha	at
IN WITNESS WHEREOF, I have hereunto set my hand and a in the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county, the day and year in the certificate fit the aforesaid county.	rst abov	ve written. Howedd	al, at my offic	
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and (iii) Certifying that said power-of-attorney appointment is in full force and effect, the signature of the certifying officer may be by facsimile, and the seal of the Company	may be a	facsimile thereof	м	
I. R. A. Pierson, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of G do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the of a Power of Attorney issued pursuant thereto, are true and correct, and that both t Attorney are still in full force and effect.	e Board of	Directors of the	ese cornorations	204
IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of sa	aid corpora	ition		
this 21st day of		Vovember	, 19 <u></u>	4 .
			· · · · · · · · · · · · · · · · · · ·	

MSE Engineering

MSE Corporation 941 North Meridian Street Indianapolis, IN 46204 1061 317 634-1000 317 634-3576 FAX

Engineering Surveying Landscape Architecture Digital Mapping

HAMILTON COUNTY DRAINAGE BOARD CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which land alteration was accomplished: 11300 North College

Project Name: Waterwood of Carmel, Section 2

Relative to plans prepared by MSE Corporation on July 3, 1993.

I hereby certify that:

- 1. I am familiar with drainage requirements applicable to such land alteration (as set forth by the Hamilton County Drainage Board).
- 2. Land alteration accomplished pursuant to the referenced drainage permit was observed by personnel under my direction, and
- 3. To the best of my knowledge, information and belief, such land alteration has been performed and completed in conformity with all such drainage requirements.

Certified this 2nd day of February, 1995.

MSE CORPORATION

Bruce E. Hagen

Professional Engineer #920299 - Indiana



To: Hamilton County Drainage Board

Fax (317) 776=9628

One Hamilton County Square Noblesville, Indiana 46060-2230

January 9, 1997

Re: Waterwood Drain - Sec. 2 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Waterwood Sec. 2. 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 February 24, 1995. The changes are as follows:

Structure 105-106 15" RCP was shortened from 142' feet to 136' feet.

Structure 106-107 15" RCP was lengthened from 26' feet to 28' feet.

Structure 103-102 21" RCP was shortened from 138' feet to 134' feet.

Structure 101-sealed pipe 12" RCP was shortened from 172' feet to 169' feet.

Structure 108-109 12" RCP was shortened from 16' feet to 15' feet.

Structure 110-111 12" RCP was lengthened from 19' feet to 21' feet.

Structure 114-115 18" RCP was shortened from 159' feet to 147' feet.

Structure 116-117 24" RCP was shortened from 150' feet to 145' feet.

Structure 117-118 24" RCP was lengthened from 79' feet to 81' feet.

Structure 118-119 24" RCP was lengthened from 106' feet to 112' feet.

The length of the drain due to the changes described above is now 7,701 feet.

The non-enforcement was approved by the Board at its meeting on April 24, 1995 and recorded under instrument # 9560301.

The bond or letter of credit from Safeco Ins. Co., number 5811656, dated November 21, 1994, in the amount of \$110,000.00 has expired.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

Kenton C. Ward,

Hamilton County Surveyor

KCW/slm