

Drain: WATERWOOD DRAIN Drain #: 258
Improvement/Arm: WATERWOOD-SECTION 1
Operator: JDH Date: 6-16-04
Drain Classification: Urban/Rural Year Installed: 1993

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: WATERWOOD DRAIN - WATERWOOD - SECTION 2

Drain Type:	Size:	Length <i>SURVEYORS REPORT</i>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	5110'	5110'	∅		
RCP	12"	957'	953'	-4'		
	15"	905'	852'	-53'		
	18"	2041'	2041'	∅		
	21"	189'	166.1'	-22.9'		
	24"	∅	∅	∅		
OPEN DITCH		280'	280'	∅		

Sum: 9,482' 9,402.1' -79.9'

Final Report: _____

Comments:
SR AND AB DISAGREE ON 12", 15", + 21" RCP LENGTHS.



SURVEYOR'S OFFICE

Assessment of \$100.00 per lot, \$5.00 per acre for roadways, with a
 \$100.00 minimum. This assessment the annual assessment
 for this section will be \$
 If assessed for this drain may be assessed for the

Hamilton County

Kenton C. Ward, Surveyor Suite 146
 776-8495 One Hamilton County Square
 Noblesville, Indiana 46060-2230 September 14, 1993

TO: Hamilton County Drainage Board

RE: Waterwood Drain-Section 1

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Waterwood Drain-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	5110 feet	18" RCP	2075 feet
12" RCP	896 feet	21" RCP	23 feet
15" RCP	924 feet	24" RCP	107 feet
Open Ditch	280 feet		

The total length of the drain will be 9415 feet.

The retention ponds located in Common Areas A and B 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 open ditch shown above is the swale between STR 135 and Pond 3. This swale is within Common Area A. The offsite storm sewer across the Meyer property, tract 17-13-02-00-00-014.000 is to be maintained as part of this drain. This system is as shown on page 20, between STR 160 to the existing Structures on the Asher Drain

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 are to be maintained as 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 Lots 1, 2 and 3; 77 through 79; 6 through 12; and Lots 26 to 29.

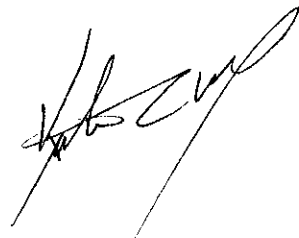
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$20.00 per lot, \$5.00 per acre for roadways, with a \$20.00 minimum. With this assessment the total annual assessment for this section will be \$

Parcels assessed for this drain may be assessed for the Osborn-Collins or Williams Creek at sometime in the future. Parcels assessed for this drain will also be assessed for the Vernon W. Asher Drain.

I believe this proposed drain meets the requirement 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 requests for the onsite and offsite drainage facilities. These requests are for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Waterwood of Carmel Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 1993.

A handwritten signature in black ink, appearing to be 'H. C. Asher', is written over the bottom right portion of the page.



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 98185

BOND 5754980

SUBDIVISION BOND

KNOW ALL MEN BY THESE PRESENTS, That we CENTEX REAL ESTATE CORPORATION

of 8555 N. River Road, Suite #100, Indianapolis, IN 46240 as Principal,

and SAFECO INSURANCE COMPANY OF AMERICA, a Washington corporation, having its principal office and place of business in the City of Seattle, Washington, as Surety are held and firmly bound unto HAMILTON COUNTY, BOARD OF COMMISSIONERS

in the sum of One Hundred Thirty-One Thousand

and 00/100-----

(\$ 131,000.00-----) DOLLARS, for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

SEALED with our seals and dated this 3rd day of September

A.D. 19 93.

WHEREAS, the above bounden Principal has been or is about to be granted approval for a plat of subdivision known as

WATERWOOD

said approval being conditioned upon the installation of storm sewer, sub-surface, drains & monuments

in said subdivision, in accordance with plans and specifications prepared by _____

NOW THEREFORE THE CONDITION OF THIS OBLIGATION IS such, that if the above bounden Principal shall well and truly and in good, sufficient and workmanlike manner perform or cause to be performed the installation of said improvements, then this obligation to be void; otherwise to remain in full force and effect.

CENTEX REAL ESTATE CORPORATION
Principal
BY: Reed Gordon

Countersigned by Ann Luedemann
RESIDENT AGENT

SAFECO INSURANCE COMPANY OF AMERICA
BY: Ellen L. Cope
Ellen L. Cope (Attorney-in-fact)



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 COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint
*****GEOFFREY E. HECKIN; BRENDA D. HOCKBERGER; ANN FORMHALS; JOHN JACKSON; DONNA RYAN; ELLEN L. COPE; PATRICIA THURMOND; JENNIFER L. BROWN; JACQUELINE E. WHITE; GARRY L. WESSELINK, Chicago, Illinois*****

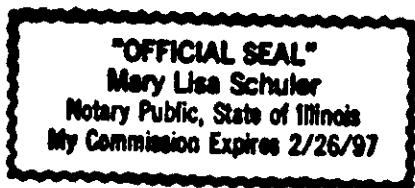
its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

State of Illinois
County of Cook

On this 3rd day of September, 19 93, before me personally appeared Ellen L. Cope, known to me to be the Attorney-in-fact of Safeco Insurance Company of America, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid county, the day and year in this certificate first above written.



Mary Lisa Schuler
(Notary Public)

(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."

I, R. A. Pierson, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 3rd day of September, 19 93



R. A. Pierson
R. A. PIERSON, SECRETARY

S-974/EP 1/93

Registered trademark of SAFECO Corporation.

CENTEX REAL ESTATE CORPORATION

Principal

BY:

Reed Gordon

SAFECO INSURANCE COMPANY OF AMERICA

Countersigned by

Ann Woodward
RESIDENT AGENT

BY:

Ellen L. Cope
Ellen L. Cope (Attorney-in-fact)



SURVEYOR'S OFFICE
Hamilton County

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

January 9, 1997

Re: Waterwood Drain - Sec. 1 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Waterwood Sec. 1. 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 September 14, 1993. The changes are as follows:

Structure 136-137 was not constructed. Structure 137-138 was not constructed. An additional structure and length of pipe was added between Structure 137-140. This consists of 21" RCP with a length of 56' feet. Structure 139-140 was replaced with structure 139-137 which consists of 15" RCP at a length of 18' feet. Structure 138-139 originally consisted of 18" RCP with a length of 30' feet. This structure was downsized to 12" RCP with a length of 31' feet. Structure 141-140 was downsized from a 24" RCP to a 21" RCP with a total length of 110' feet.

Additional structures were added at the entrance of Waterwood Way. They are as follows:

Structure 129A-130A consists of 15" RCP at 38' feet. Structure 130A-130 consists of 15" RCP at 38' feet. Structure 135-134 15" RCP was shortened from 207' feet to 195' feet.

Structure 133-132 12" RCP was lengthened from 127' feet to 129' feet.

Structure 120-121 15" RCP was shortened from 156' feet to 155' feet.

Structure 122-124 12" RCP was lengthened from 34' feet to 35' feet.

Structure 148-149 12" RCP was lengthened from 51' feet to 57' feet.

Structure 149-158 12" RCP was lengthened from 109' feet to 110' feet.

Structure 158-157 12" RCP was shortened from 184' feet to 173' feet.

Structure 127-164 15" RCP was shortened from 75' feet to 68' feet.

Structure 164-126 12" RCP was shortened from 40' feet to 39' feet.

Structure 166-165 12" RCP was lengthened from 69' feet to 72' feet.

Structure 128-129 12" RCP was lengthened from 43' feet to 45' feet.

Structure 129-130 15" RCP was shortened from 50' feet to 37' feet.

Structure 130-123 15" RCP was lengthened from 51' feet to 54' feet.

Structure 137-142 15" RCP was shortened from 213' feet to 212' feet.

Structure 142-143 12" RCP was lengthened from 45' feet to 46' feet.
Structure 152-153 18" RCP was lengthened from 110' feet to 112' feet.
Structure 153-154 18" RCP was lengthened from 75' feet to 77' feet.
Structure 154-136 18" RCP was lengthened from 107' feet to 108' feet.
Structure 136-155 18" RCP was shortened from 380' feet to 378' feet.
Structure 155-160 18" RCP was shortened from 374' feet to 367' feet.
Structure 160-161 18" RCP was shortened from 247' feet to 246' feet.
Structure 161-162 18" RCP was lengthened from 425' feet to 426' feet.
Structure 162-163 18" RCP was lengthened from 294' feet to 295' feet.
Structure 163-exist. 18" RCP was shortened from 33' feet to 32' feet.

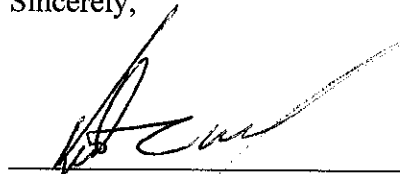
The length of the drain due to the changes described above is now ^{94182'} **2,402 feet.**

The non-enforcement was approved by the Board at its meeting on November 22, 1993 and recorded under instrument #9430492.

The bond or letter of credit from Safeco Ins. Co., number 5754980, dated September 3, 1993, in the amount of \$131,00.00, has expired.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm