Drain: MASTHEAD DRAIN **Drain #:** 203

Improvement/Arm: MASTHEAD - SECTION 15

Operator: JDH **Date:** 1-30-04

Drain Classification: **Urban/Rural** **Year Installed:** 1987

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JA 2-3
- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — JA 2-3
- Digitize & Attribute SSD — JA 2-3
- Digitize & Attribute Open Ditch — N/A
- Stamp Plans — JA 2-3
- Sum drain lengths & Validate — JA 2-3
- Enter Improvements into Posse — JA 2-3
- Enter Drain Age into Posse — JMJ 3-2
- Sum drain length for Watershed in Posse — JMJ 3-2
- Check Database entries for errors — JA 2-3

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: MASTHEAD DRAIN - MASTHEAD - SECTION 15

Drain Type:	Size:	Length (Surveyors Report)	Length (DB Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
SSD	6"	2,865'	2865	Ø		
RCP	12"	873'	873'	Ø		
	15"	90'	90'	Ø		
	18"	284'	284'	Ø		
	21"	483'	483'	Ø		
Sum:		4,595'	4595'	Ø		

Final Report: _____

Comments:

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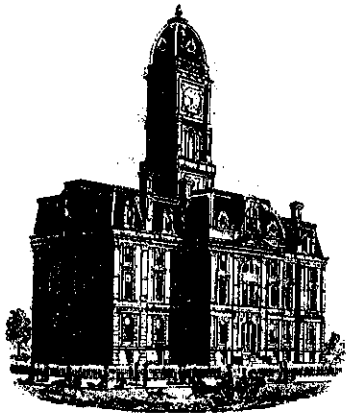

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

~~773-6110 Ext. 19~~
776-9626

Noblesville, Ind. 46060

August 28, 1987

FILE
NOV 9 1987
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

TO: Hamilton County Drainage Board

RE: Masthead Drain-Section 15

Attached is a petition, non-enforcement request, plans, calculations and assessment roll for the Masthead Drain-Section 15.
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 accuring to the owners of land likely to be benefitted. The drain will consist of the following:

6" SSD	2865ft	18" RCP	284 ft
12" RCP	496 ft	21" RCP	418 ft
15" RCP	90 ft		

The total length of the drain will be 4153 feet.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommond each lot be assessed equally. I recommond a maintenance assessment of $20.00 per lot, $2.00 per acre for roadways, with a $6.00 minimum. With this assessment the total annual assessment for the drain/this section will be $915.44.

I further recommond that this drain be classified as an Urban Drain.

Stubbs into each lot are not to be part of the regulated drain. Maintenance will be done on only the main line of the subsurface drains.
I recommond a hearing be set for November 9, 1987.

KCW/no

Kenton C. Ward-County Surveyor

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Commercial Banking Department

Meritor Financial Markets
1234 Market Street
Philadelphia, PA 19107-3796

Meritor

June 25, 1987

Irrevocable Letter of Credit No. 2781695685-02063
Expiration Date: June 25, 1988

Hamilton County Commissioners
Hamilton County, Indiana

Gentlemen:

For the account of The Shorewood Corporation, we hereby authorize you to draw on us at sight to the extent of **U.S. $27,400.00**.

Each of your drafts must:

1. Be marked "Drawn under PSFS Letter of Credit No. 2781695685-02063 dated June 25, 1987".

2. Be presented, together with this original Letter of Credit at our offices at 1234 Market Street, 9th Floor, Philadelphia, Pennsylvania, 19107, no later than 3:00 p.m. Philadelpia time on June 25, 1988.

3. Be accompanied by the following:

   Certification by Hamilton County Commissioners, Hamilton County, Indiana of non-compliance with the specifications required for Storm Sewers in [redacted] by The Shorewood Corporation. Such certification may not antedate this Letter of Credit and;

   Certification by Hamilton County Commissioners, Hamilton County, Indiana that funds drawn under this Letter of Credit will be used to bring the Storm Sewers into compliance in accordance with the specifications referenced.

4. Not exceed, in the cumulative aggregate $27,400.00.

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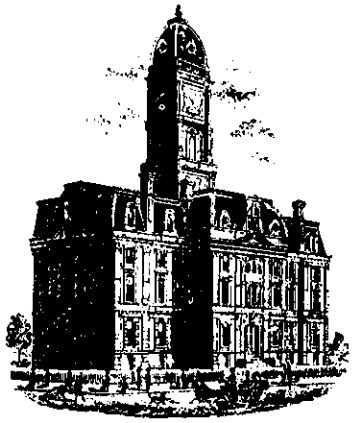

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
776-8495

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

TO: Hamilton County Drainage Board

RE: Masthead Drain
Masthead Sec. 15

Attached are as-builts, certificate of completion & compliance, and other information for Masthead Sec. 15. 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 August 28, 1987. The changes are as follows: STR 581 was extended to an existing manhole at the NW corner of lot 465 of Sec. 14. As a result Structure 580 was omitted and the 21" RCP was lengthened from 120' to 185' feet. STR 590 was extended to a new manhole constructed in the East Right of Way of Geist Road. The structure is directly West of the NW corner of lot 476 and the SW corner of lot 477. The new manhole was then extended to a metal end section that is located SW of the NW corner of lot 477. These extensions resulted in 377' feet of 12" RCP.

The length of the drain due to the changes described above is now 45~~4~~9 feet.

The bond or letter of credit from Meritor, number #2781695685-02063, dated June 25, 1988, in the amount of $27,400.00, has been released.

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

Sincerely,

Kenton C. Ward
Hamilton County Surveyor

KCW/nw

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E. 106TH ST.

GEIST ROAD

BAHAMAS CIRCLE

SEA STAR CIRCLE

SEA STAR WAY

MASTHEAD - SECTION FOURTEEN

CONTINUE SWALE @ 0.5% UNTIL PROPOSED GRADE MEETS EXISTING GRADE.

LEGEND

SANITARY SEWER

STANDARD MANHOLE

TYPICAL STRUCTURE NO.

STORM SEWER

MANHOLE W/ FLAT TOP GRATE

CURB INLETS

BEE-HIVE INLET

SUB SURFACE DRAIN # (SSD)

STL END SECTION

RIP RAP

GATE VALVE

FIRE HYDRANT

WATER MAIN

WATER IS SHOWN FOR REFERENCE ONLY TO BE DESIGNED AND INSTALLED BY THE INDIANAPOLIS WATER CO.

* SSD INSTALLED ADJACENT TO CURB TO BE 6" PERFORATED PIPE, ALL OTHER SSD TO BE NON PERFORATED.

000.0 RECOMMENDED MINIMUM FLOOR ELEVATION OPEN TO OUTSIDE GRADE.

NOTES:

BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.

HAMILTON COUNTY INDIANA 1823

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Entry Date: 2-3-04

Entered by: JOH

MASTHEAD- SECTION 15

CERTIFIED BY

DATE

REVISIONS

ADDED COMPACTED FILL ON LOTS 474 & 473	7-30-86 ADDED SWALE ALONG EAST SIDE of SEC. 8 ADDED
ELIMINATED BEEHIVE INLET INTO STR # 3528	STRAW BALES AROUND INLETS, ADDED SMALL RUN of SSD @
ADDED NOTE TO LOT 484, ADDED BEARINGS	ADD SECTION STR # 780
MISC. REVISION 5-28-86	2-9-87 ADD RISERS TO SSD
	3-11-87 CHANGED INLET ON STR # 595 to DITCH GRATE INLET

PAUL I. CRIPE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777

• CIVIL ENGINEERING
• LAND SURVEYING
• ARCHITECTURE
• LAND PLANNING

This information was gathered from input into the Hamilton County Surveyor's GIS. Hamilton County Surveyor, 1 Hamilton Square, Noblesville, In 46060

TECH. CHK.	DRAWN BY	SCALE	DATE	CLIENT
DFTNG. CHK.	DRAWING TITLE	1"=50'	4-2-86	THE SHOREWOOD CORP

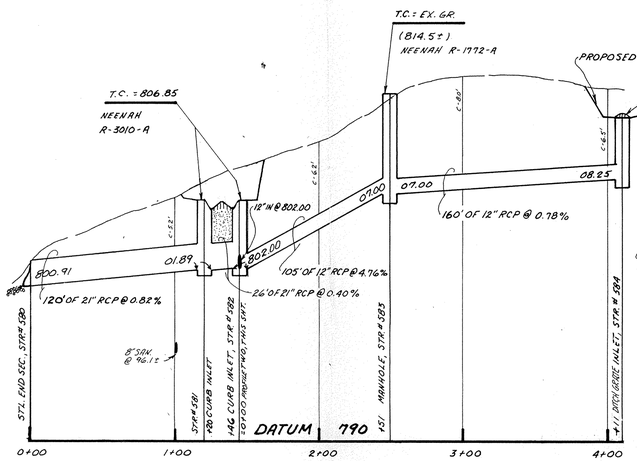
SITE DEVELOPMENT PLAN

DWG. TYPE	FILE NUMBER	SHEET
	[redacted]	2
JOB NUMBER		OF 11
83399-00200		

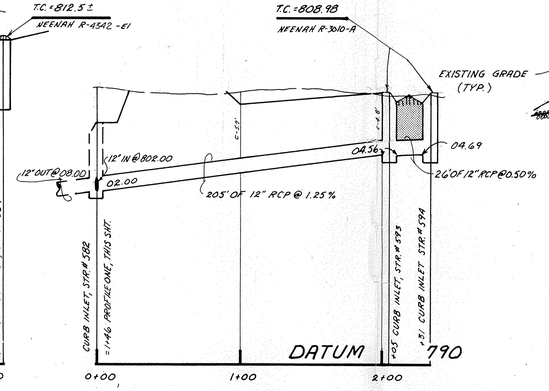
EASTERN ENGINEERING, 2-86, DPS-3G10

NOTE: FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.

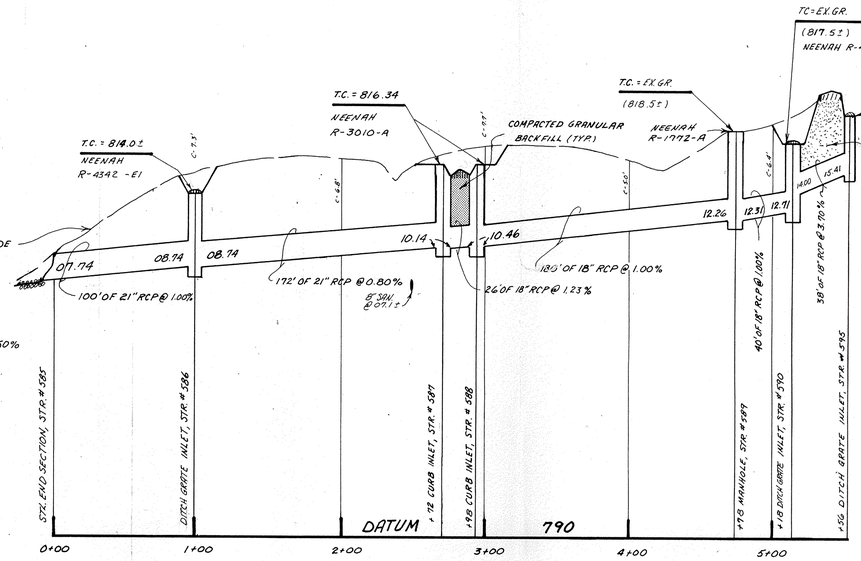
NOTE: CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.



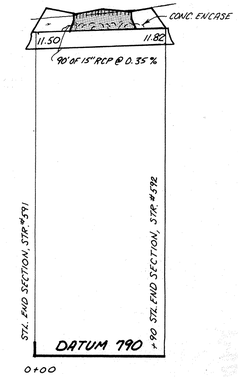
PROFILE ONE



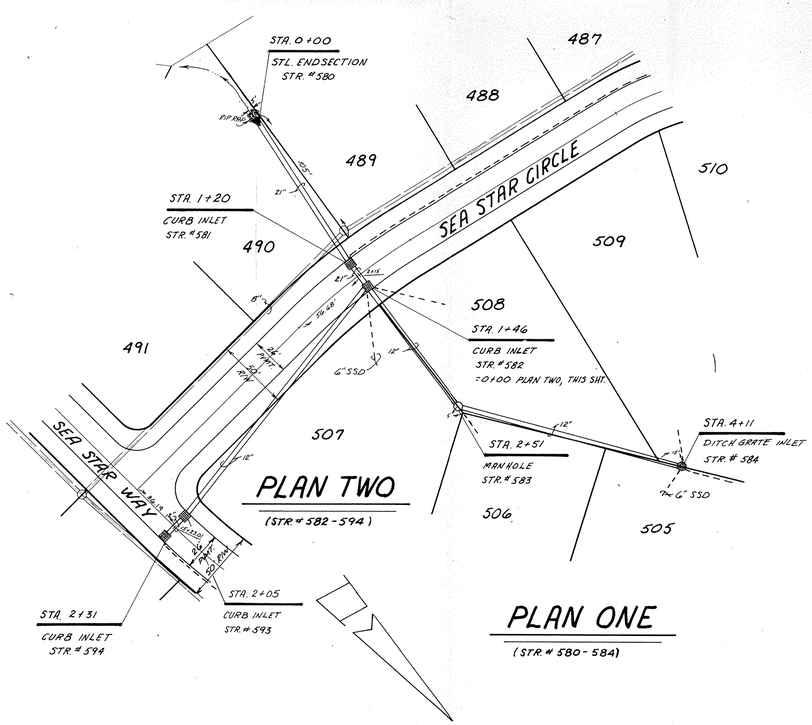
PROFILE TWO



PROFILE THREE



PROFILE FOUR

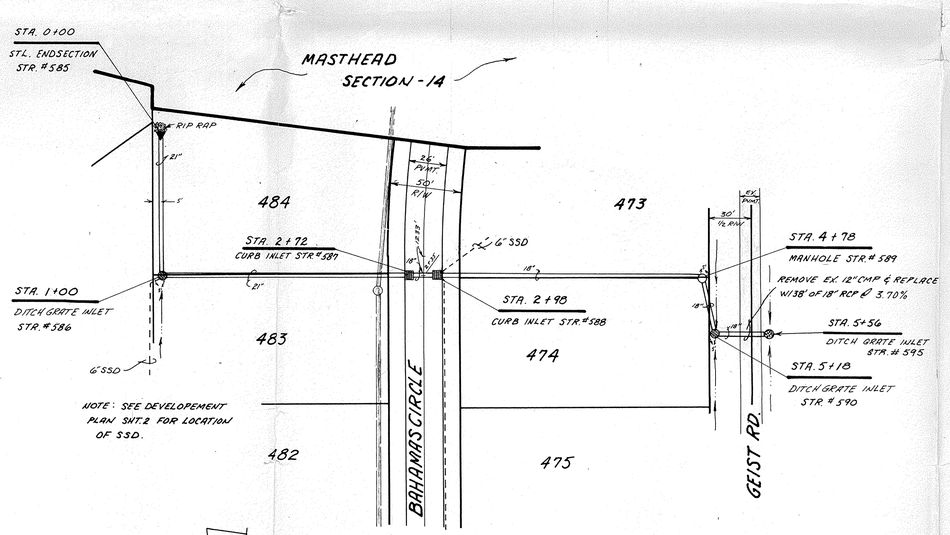


PLAN TWO

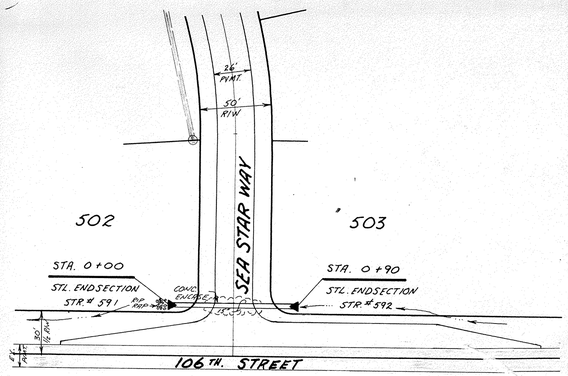
(STR. # 582 - 594)

PLAN ONE

(STR. # 580 - 584)



PLAN THREE



PLAN FOUR

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Entry Date: 2-3-04

Entered by: JDH

MASTHEAD SECTION - 15

CERTIFIED BY	REVISIONS							
	REMOVED BEEHIVE INLET INTO STR. # 588 5-28-86	ADDED SSD, CONC. ENCASEMENT TO STR. # 591 & STL. 5-28-96	PAUL I. CRIPE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6774 • CIVIL ENGINEERING • LAND SURVEYING • ARCHITECTURE • LAND PLANNING	TECH. CHK.	DRAWN BY DJJ	SCALE 1"=5' VERT. 1"=50' HORZ.	DATE 4-2-86	CLIENT THE SHOREWOOD CORP.
	ADDED STL. END SECTION & PIPE TO STR. # 590 5-28-86	MISC. REVISIONS 5-28-96						
DATE	7-30-86 CHANGED FRAME TYPES ON STR. #'S 588 & 589	3/11/96 CHANGED STL. END SEC. ON STR. # 595 TO A DITCH GRATE AND LOWERED 18" PIPE 4'		DFTNG. CHK.	DRAWING TITLE STORM SEWER PLAN & PROFILE			

DWG. TYPE	FILE NUMBER	SHEET
	JOB NUMBER 83399-0020 0	8 OF 11

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