Drain: HUNTERS CREEK VILLAGE DRAIN **Drain #:** 149

Improvement/Arm: CEDAR LAKE - SECTION 2

Operator: JOH **Date:** 1-5-04

Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JH 1-5
- Digitize & Attribute Tile Drains —
- Digitize & Attribute Storm Drains — JH 1-5
- Digitize & Attribute SSD — JH 1-5
- Digitize & Attribute Open Ditch — JH 1-5
- Stamp Plans — JH 1-5
- Sum drain lengths & Validate — JH 1-5
- Enter Improvements into Posse — JH 1-5
- Enter Drain Age into Posse — JW 1-22
- Sum drain length for Watershed in Posse — JW 1-22
- Check Database entries for errors — JH 1-5

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: HUNTERS CREEK VILLAGE DRAIN - CEDAR LAKE - SECTION 2

Drain Type:	Size:	Length (SURVEYOR'S REPORT)	Length (DB Query)	Length Reconcile	Not Applicable Price:	Not Applicable Cost:
SSD	6"	370'	370'	∅		
RCP	12"	131'	123'	-8'		
	15"	177'	177'	∅		
	18"	87'	87'	∅		
	21"	620'	620'	∅		
	24"	476'	476'	∅		
CMP	48"	75'	75'	∅		
OPEN DITCH		∅	65'	+65'		
Sum:		1,936'	1,993'	+57'		

Final Report: _____

Comments:

SUR. RPT. AND AS BUILTS DO NOT AGREE FOR 12" AND OPEN DITCH LENGTHS.

OPEN DITCH IS NOT SHOWN ON SUR. RPT. BUT IS INCLUDED IN THE TOTAL LENGTH ON THE REPORT.

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

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

Noblesville, Ind. 46060

August 27, 1987

TO: Hamilton County Drainage Board

RE: Hunters Creek Village Drain
Cedar Lake-Section 2 Arm

Attached is a petition, non-enforcement request, plans, calculations, construction contract and assessment roll for the Cedar Lake Section 2 Arm of the Hunters Creek Village 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 accuring to the owners of land likely to be benefitted. The drain will consist of the following:

6" SSD	370 ft	21" RCP	620 ft
12" RCP	28 ft	24" RCP	476 ft
15" RCP	177 ft	48" CMP	75 ft
18" RCP	87 ft		

The total length of the drain will be 1833 feet.

FILED
NOV 9 1987
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

Section 2 of the Hunters Creek Village Drain took in the open ditch between the lake outlet and the structure under Rohrer Road. This area will still be part of the drain. However, the structure under Rohrer Road will now be part of the regulated drain also.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I recommend a maintenance assessment of $15.00 per lot, $3.00 per acre for roadways. With this assessment the total annual assessement for the drain/this section will be $464.46.

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Because this section of Cedar Lake has now been annexed by the City of Carmel, a Letter of Credit has been filed with the Carmel City Engineers office for the storm sewer. Upon discussion with that office the Letter of Credit will not be released until approval from the Board has been received.

I recommend a hearing be set for November 9, 1987.

Kenton C. Ward
Hamilton County Surveyor

KCW/no

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XXXXX
XXXXXXXX

UNION STATE BANK

21 Jefferson Square • P. O. Box 398 • Carmel, Indiana 46032

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. 1445

DATE April 2, 1987

BENEFICIARY

City Engineer - City of Carmel
Completion of [redacted] - Storm Sewer
11 First Avenue NE
Carmel, IN 46032

FOR ACCOUNT OF

Dr. Phillip A. Dyer
1410 Rohrer Road
Carmel, IN 46032

GENTLEMEN:

WE HEREBY ESTABLISH OUR CREDIT IN YOUR FAVOR, FOR THE ACCOUNT INDICATED ABOVE, FOR A SUM OR SUMS NOT EXCEEDING AN AGGREGATE AMOUNT OF Sixty-six thousand five hundred and no/100 Dollars ($66,500.00)

FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana DRAWN ON UNION STATE BANK
UNION STATE BANK , P.O. Box 398, Carmel, Indiana 46032

Drafts are to be accompanied by:

ALL DRAFTS DRAWN UNDER THIS LETTER OF CREDIT ARE TO BE ENDORSED HEREON AND SHALL BEAR THE CLAUSE "DRAWN UNDER UNION STATE BANK LETTER OF CREDIT No. (AS INDICATED ABOVE)" and must be drawn and presented on or before April 2, 1989

WE HEREBY AGREE WITH YOU THAT ALL DRAFTS DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT WILL BE DULY HONORED UPON PROPER PRESENTATION.

Except as otherwise expressly stated herein this Credit is subject to the Uniform Customs and Practice for Documentary Credits (1983 Revision), International Chamber of Commerce, Publication 400

VERY TRULY YOURS,

Robert Steinhart
AUTHORIZED SIGNATURE

Robert Steinhart, Vice President
TITLE

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CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: CEDAR LAKE SUBDIVISION SECTIONS ONE AND TWO

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.

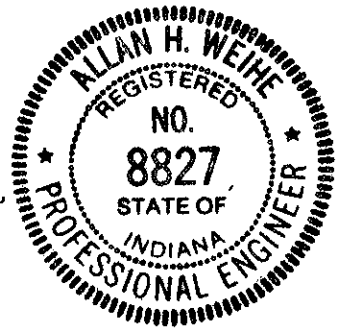
Signature: Allan H. Weihe Date: 11-19-87

Type or Printed Name: Allan H. Weihe

Business Address: 10505 North College Avenue, Indianapolis, IN. 46280

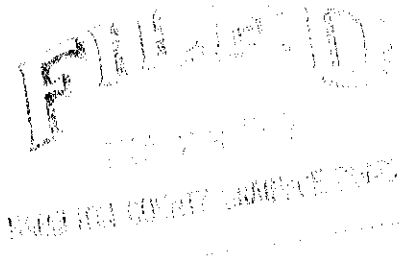
Telephone: 846-6611

SEAL



INDIANA REGISTRATION NUMBER

INDIANA P.E. 8827



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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

September 22, 1997

Re: **Hunters Creek Village Drain: Cedar Lake Sec. 2 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Cedar Lake 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 August 27, 1987. The changes are as follows:

6"SSD 370 feet	12"RCP 131 feet	15"RCP 177 feet	18"RCP 87 feet
21"RCP 620 feet	24"RCP 476 feet	48"CMP 75 feet	

The length of the drain due to the changes described above is now **1,936 feet.**

The non-enforcement was approved by the Board at its meeting on July 24, 1989 and recorded under instrument #8915660.

The bond or letter of credit was not required.

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

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

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Asbuilt Structures

Project: CEDAR LAKE SEC. 2

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
BH	852.0	847.80				
MES	—	849.33	12"	95'		
MES	—	845.50				
9	855.0	848.82	21"	223'		
9	855.0	848.82				
8	854.5	850.65	21"	80'		
8	854.5	850.65				
6	852.01	849.86	21"	129'		
6	852.01	849.84				
7	852.01	849.93	21"	28'		
7	852.01	849.93				
12	853.95	850.82	18"	87'		
12	853.95	850.82				
11	853.0	851.50	15"	137'		
11	853.0	851.50				
MES	—	?	12"	8'		
MES	—	845.50				
5	853.5	847.92	24"	130'		

6" SSD Streets:

Total: _____

6" SSD Lots:

Total: _____

RCP Pipe Totals:

Other Drain:	

Total Length of Drain: _____

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Asbuilt Structures

Project: Cedar Lake Sec. 2

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
5	853.5	847.92				
4	854.02	848.16	24"	48' ✓		
4	854.02	848.16				
3	854.08	849.81	24"	130' ✓		
3	854.80	849.81				
9A	854.4	850.66	24"	168' ✓		
9A	854.6	850.66				
1	854.11	850.86	15"	40' ✓		
1	854.11	850.86				
2	854.11	851.00	12"	28' ✓		
9A	854.6	850.66				
10	855.0	852.50	21"	160' ✓		

6" SSD Streets:

	370'

Total: 370'

6" SSD Lots:

Total: _____

RCP Pipe Totals:

12"	131'
15"	177'
18"	87'
21"	620'
24"	476'

Other Drain:	
48CMP	45

Total Length of Drain: ~~1816'~~ 1936'

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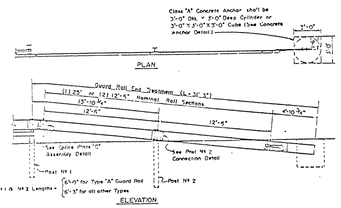
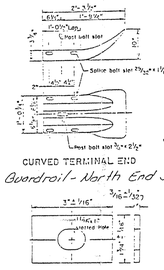
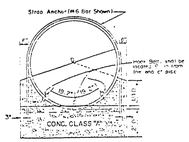


Guardrail - South End Section

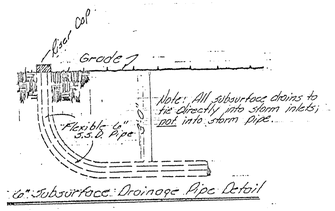


CURVED TERMINAL END
Guardrail - North End Sec.

PLATE WASHER



END VIEW - ANCHOR
for C.M. Pipe (#6 Bar Strap Anchor Alternate)



6" Subsurface Drainage Pipe Detail

EROSION CONTROL:

A temporary seeding mixture in the areas of where stripping of fills have been graded shall be seeded for silt erosion protection. After grading all construction areas are to be seeded as follows:

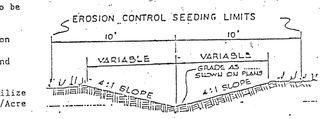
A. Swale seeding: Seed and fertilize within construction limits with 5#/Acre "Redtop" grass, 2#/Acre "Rye Grass", 20#/Acre "Bluegrass", 25#/Acre "Fescue" and 600#/Acre 12-12-12 Fertilizer.

B. Cut/Fill Seeding (Along Paved Areas): Seed and fertilize with 25#/Acre "Fescue", 20#/Acre "Rye Grass", 15#/Acre "Bluegrass" and 600#/Acre 12-12-12 fertilizer.

C. Seeded areas shall have a suitable mulch applied for EROSION AND SILT CONTROL. Mulch may be straw, shredded hardwood or erosion control mat.

D. Developers Option: Construction Areas requiring Erosion Control may be Hydroseeded in accordance with above Seed and Fertilizer Specifications.

IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF THE WORK. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNERS OR THE ENGINEER OF ANY CHANGES, ERRORS OR OMISSIONS FOUND ON THESE PLANS OR IN THE FIELD BEFORE WORK IS STARTED OR RESUMED.



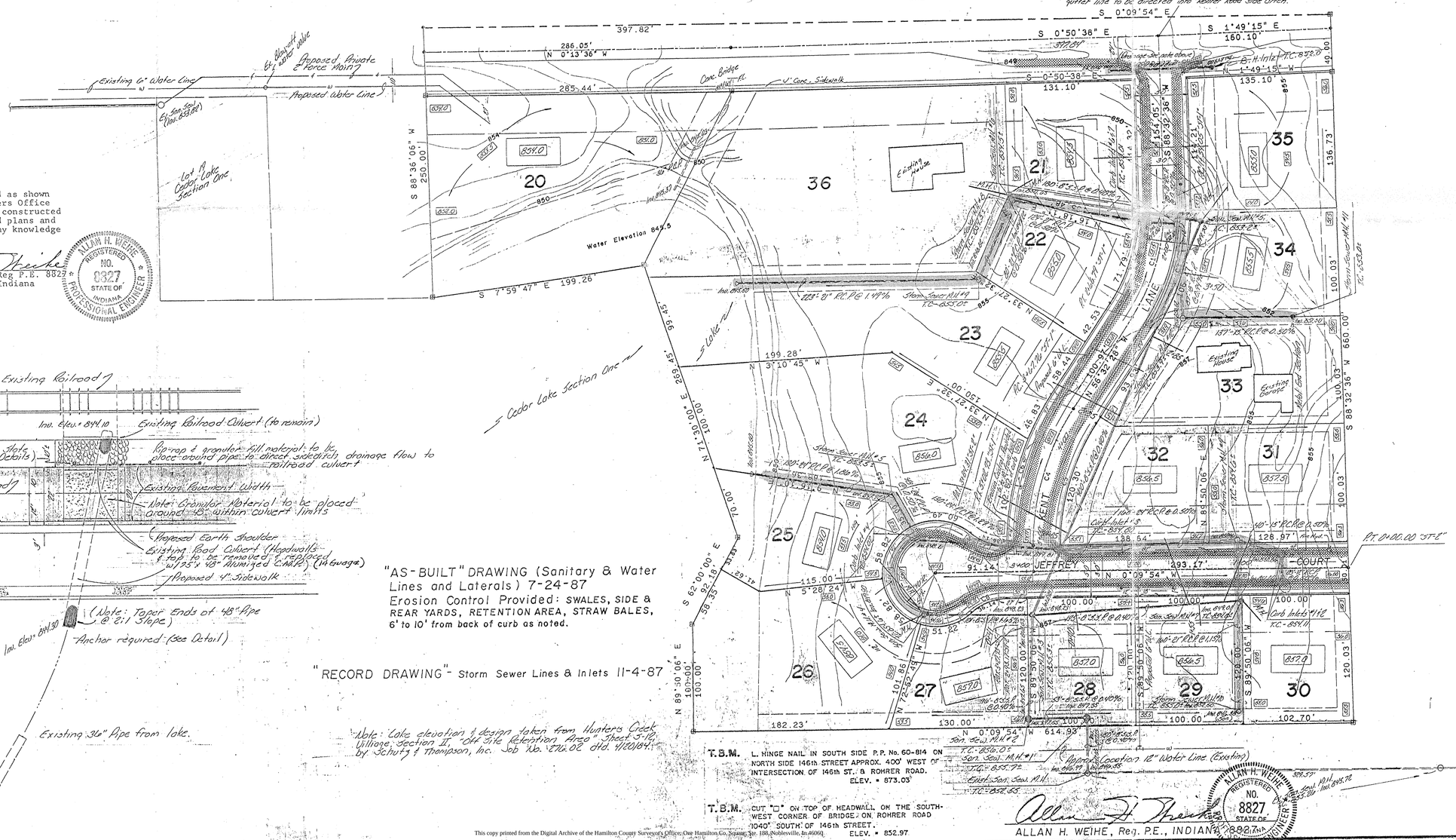
TYPICAL SWALE SECTION
REAR & SIDE YARDS

NOTE: Elevations shown hereon are planned and subject to change. Final house grade may have to be adjusted at time of house construction.

HAMILTON COUNTY INDIANA
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an original record of the GIS.
Entry Date: 1-503
Entered by: JDH

Legend
Proposed Sanitary Sewer
Proposed Storm Sewer
Proposed Drainage Flow
Proposed Elevations 00.0
Proposed 6" Water Line
Proposed Subsurface Drain
Proposed Fire Hydrant

Scale 1"=50'
One Foot Contours Shown

Note: Drainage runoff from finished street gutter flow to be directed into Rohrer Road side ditch.

At 0+80.00 ℄-1"