

Drain: HUNTERS CREEK VILLAGE DRAIN **Drain #:** 149
Improvement/Arm: CEAR LAKE - SECTION 2
Operator: JOH **Date:** 15-04
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

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

**Gasb 34 Footages for Historical Cost
Drain Length Log**

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

Drain Type:	Size:	Length <small>SURVEYOR'S REPORT</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	370'	370'	∅		
RLP	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: 1936' 1993' +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.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

~~775-6110 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 accruing 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.

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.

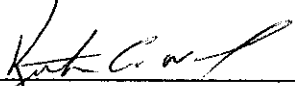
FILED
NOV 9 1987
HAMILTON COUNTY DRAINAGE BOARD
Nancy New Oldham
SECRETARY

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 assesement for the drain/this section will be \$464.46.

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.

KCW/no



Kenton C. Ward
Hamilton County Surveyor

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of LEDAR LAKE Subdivision,
Section 2 ARM TO THE HUNTERS CREEK VILLAGE Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in LEDAR LAKE, SECT. 2, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

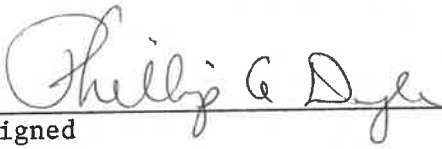
1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.

4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.

5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.



Signed

PHILLIP A. DYER

Printed Name

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____

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 ~~_____~~ - 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
UNION STATE BANK, P.O. Box 398, Carmel, Indiana 46032

DRAWN ON UNION STATE BANK

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 ~~290~~ 400

VERY TRULY YOURS,

Robert Steinhart
AUTHORIZED SIGNATURE

Robert Steinhart, Vice President

TITLE

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: CEDAR LAKE SUBDIVISION SECTIONS ONE AND TWO

I hereby certify that:

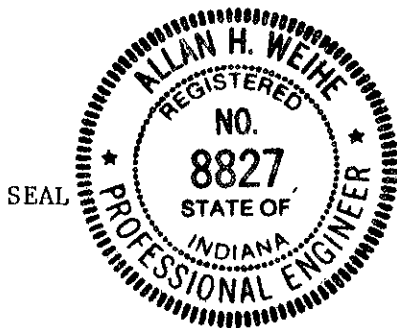
- 1.) I am a Registered Land Surveyor in the State of Indiana,
- 2.) I am familiar with the plans and specifications for the above referenced subdivision,
- 3.) I have personally observed and supervised the completion of the Drainage Facilities for the above referenced subdivision, and
- 4.) To the best 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



INDIANA REGISTRATION NUMBER

INDIANA P.E. 8827

FILED
NOV 23 1987
HAMILTON COUNTY CLERK'S OFFICE



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	

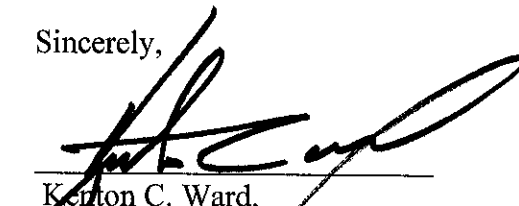
The length of the drain due to the changes described above is now **1,936 feet**.

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

Asbuilt Structures

Project: CEDAR LAKE SEC. 2

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

BH	852.0	847.00				
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	849.86				
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: _____

RCP Pipe Totals:

6" SSD Lots:

Total: _____

Other Drain:

Total Length of Drain: _____

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	850.46	24"	168'	/	
9A	854.6	850.46				
1	854.11	850.86	15"	40'	/	
1	854.11	850.86				
2	854.11	851.00	12"	28'	/	
9A	854.6	850.46				
10	855.0	852.50	21"	160'	/	

6" SSD Streets:

	370'

Total: 370'

6" SSD Lots:

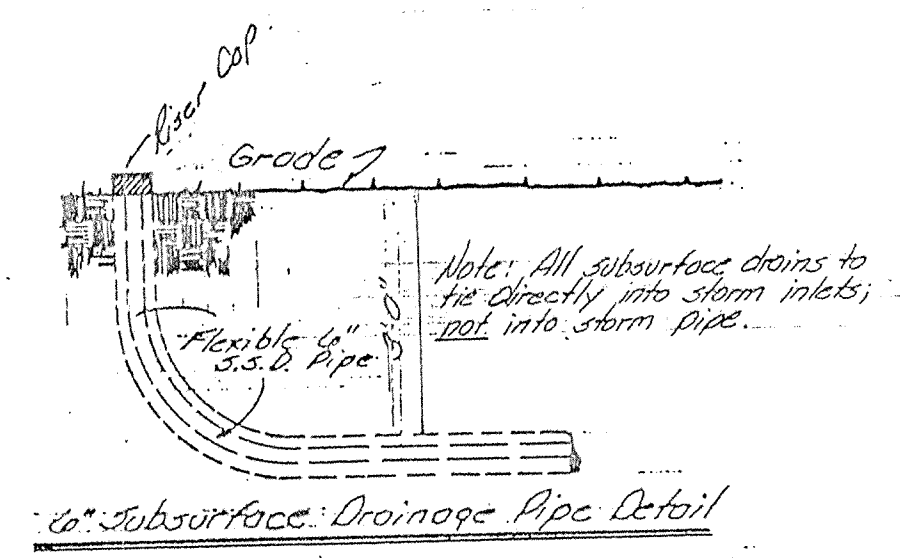
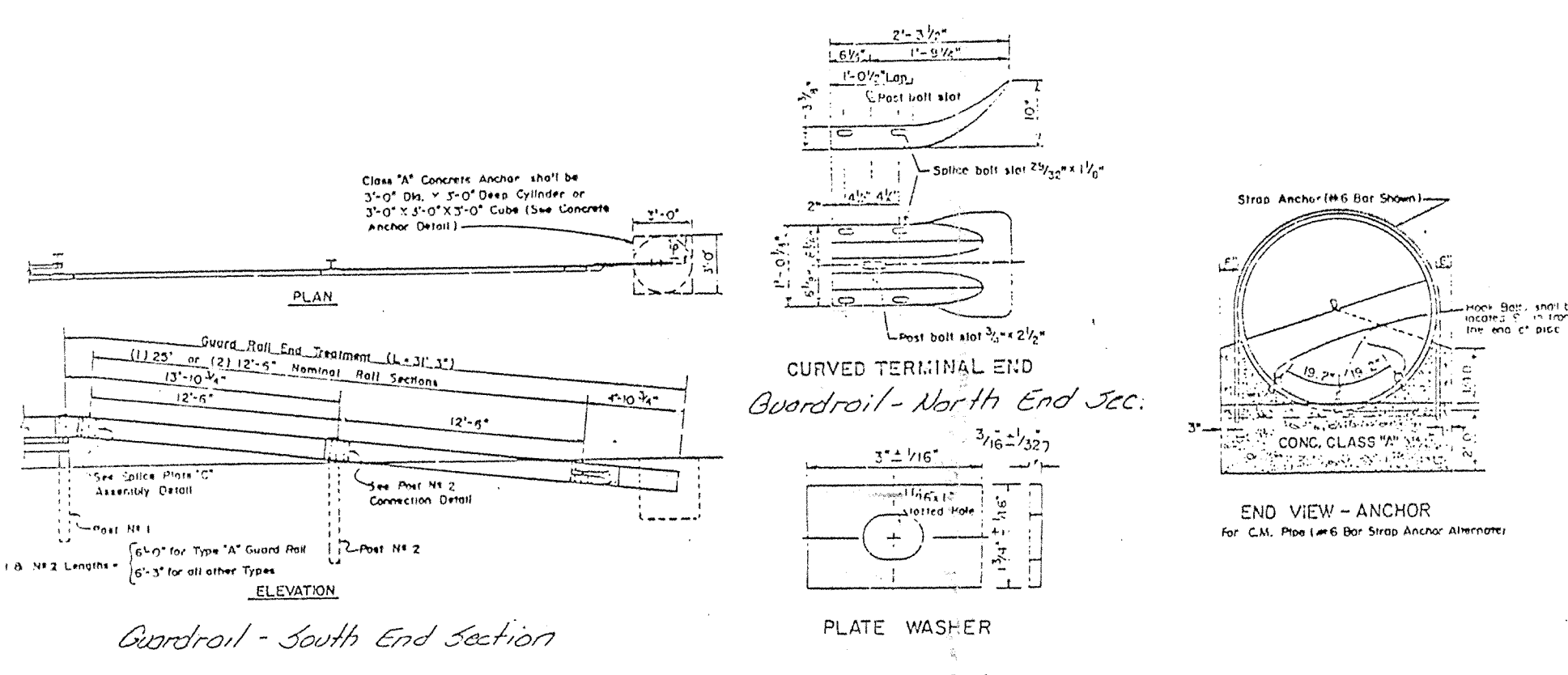
Total: _____

RCP Pipe Totals:

12"	131'
15"	177'
18"	87'
21"	420'
24"	476'

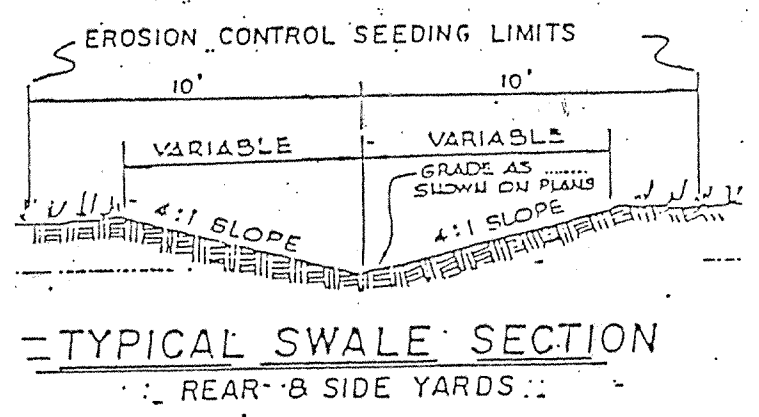
Other Drain:	
48cwp	75

Total Length of Drain: ~~1861~~ 1936'



HAMILTON COUNTY
 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 1-3-03
 Entered by: JPH

- 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:
- Swale seeding: Seed and fertilize within construction limits with 50/Acre "Redtop" grass, 20/Acre "Rye Grass", 20/Acre "Bluegrass", 25/Acre "Fescue" and 6000/Acre 12-12-12 Fertilizer.
 - Cut/Fill Seeding (Along Paved Areas): Seed and fertilize with 25/Acre "Fescue", 20/Acre "Rye Grass", 15/Acre "Bluegrass" and 6000/Acre 12-12-12 fertilizer.
 - Seeded areas shall have a suitable mulch applied for EROSION AND SILT CONTROL. Mulch may be straw, shredded hardwood or erosion control mat.
 - Developers Option: Construction Areas requiring Erosion Control may be Hydroseeded in accordance with above Seed and Fertilizer Specifications.



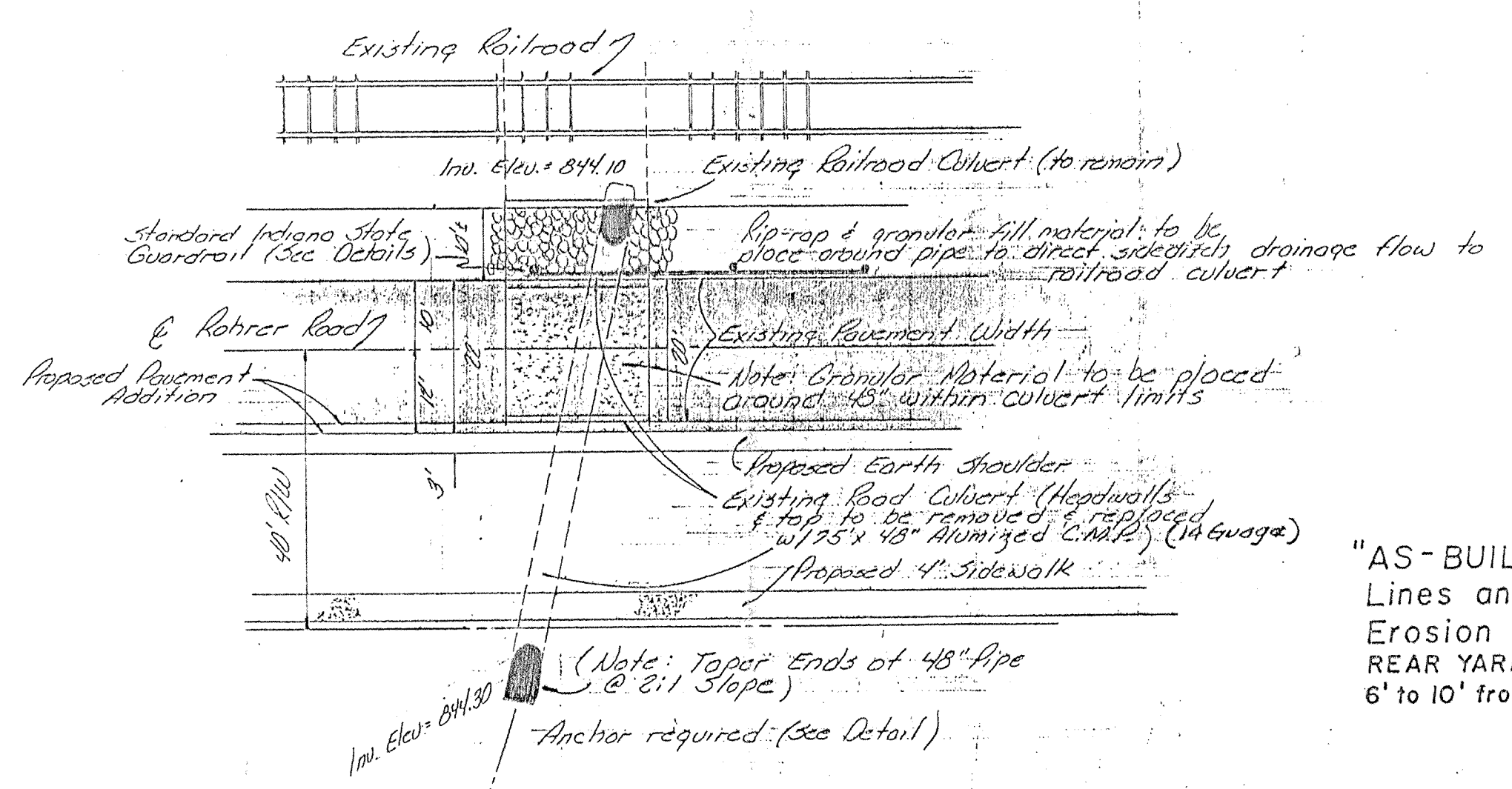
IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF THE WORK. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE OWNER OF THE VARIOUS UTILITIES BEFORE WORK IS STARTED. THE CONTRACTOR SHALL NOTIFY IN WRITING THE OWNERS OR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

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

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

The improvements were installed as shown under inspection by the Engineers Office of the City of Carmel and were constructed in accordance with the approved plans and specifications to the best of my knowledge and belief.

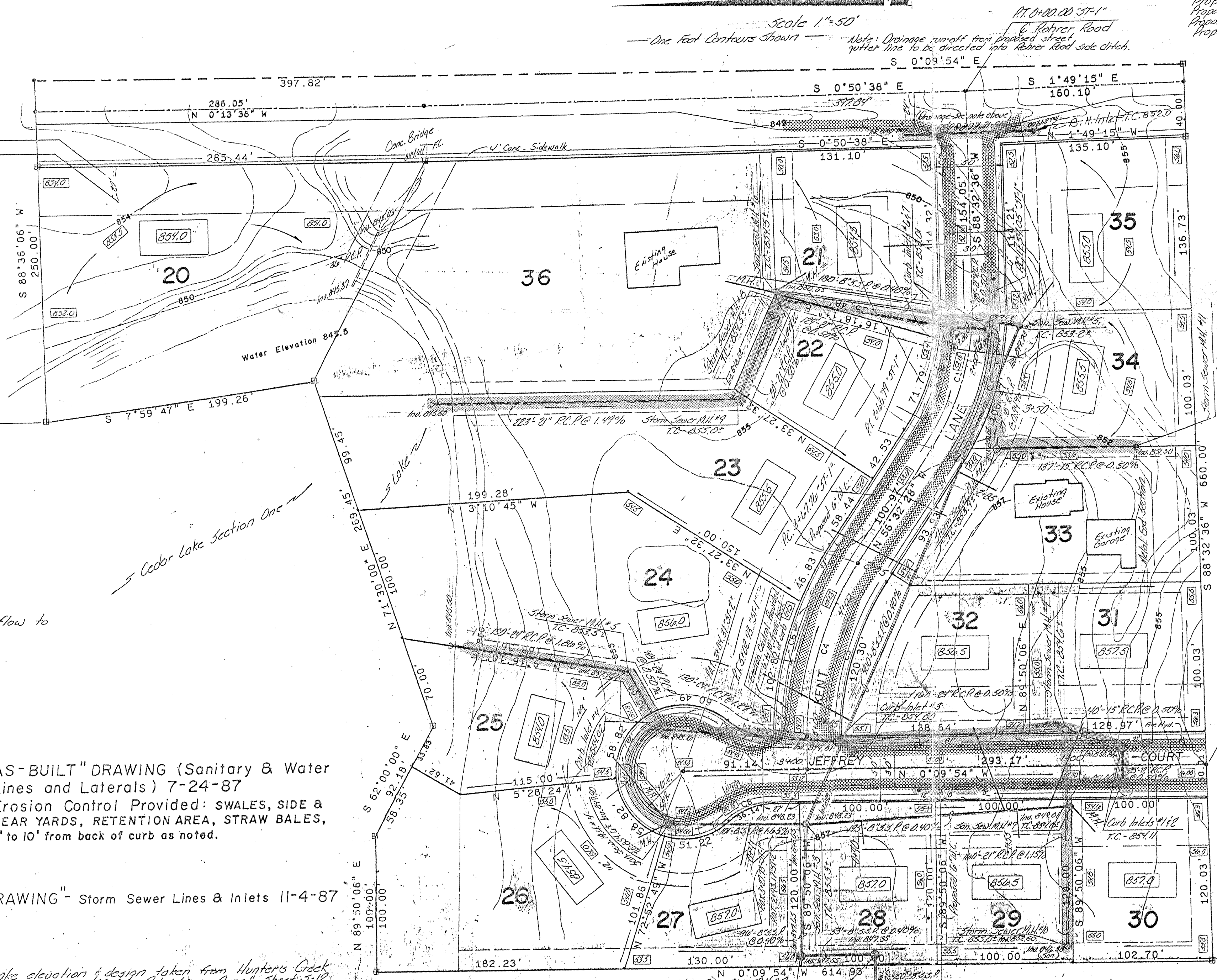
Certified: Allan H. Weihe
 Allan H. Weihe, Reg P.E. 8827
 Indiana



"AS-BUILT" DRAWING (Sanitary & Water Lines and Laterals) 7-24-87
 Erosion Control Provided: SWALES, SIDE & REAR YARDS, RETENTION AREA, STRAW BALES, 6' to 10' from back of curb as noted.

"RECORD DRAWING" - Storm Sewer Lines & Inlets 11-4-87

Note: Lake elevation & design taken from Hunters Creek Village, Section II, "Off Site Retention Area" Sheet 3-10, by Schutz & Thompson, Inc. Job No. 076.02 dtd. 1/20/84.



T.B.M. L. HINGE NAIL IN SOUTH SIDE P.P. No. 60-814 ON NORTH SIDE 146th STREET APPROX. 400' WEST OF INTERSECTION OF 146th ST. & ROHRER ROAD. ELEV. = 873.03'

T.B.M. CUT "X" ON TOP OF HEADWALL ON THE SOUTH-WEST CORNER OF BRIDGE ON ROHRER ROAD 1040' SOUTH OF 146th STREET. ELEV. = 852.97'

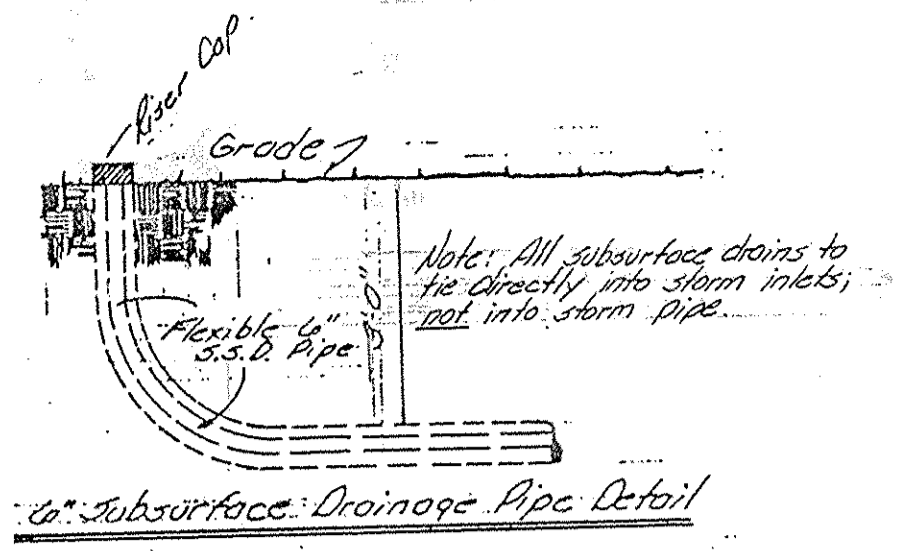
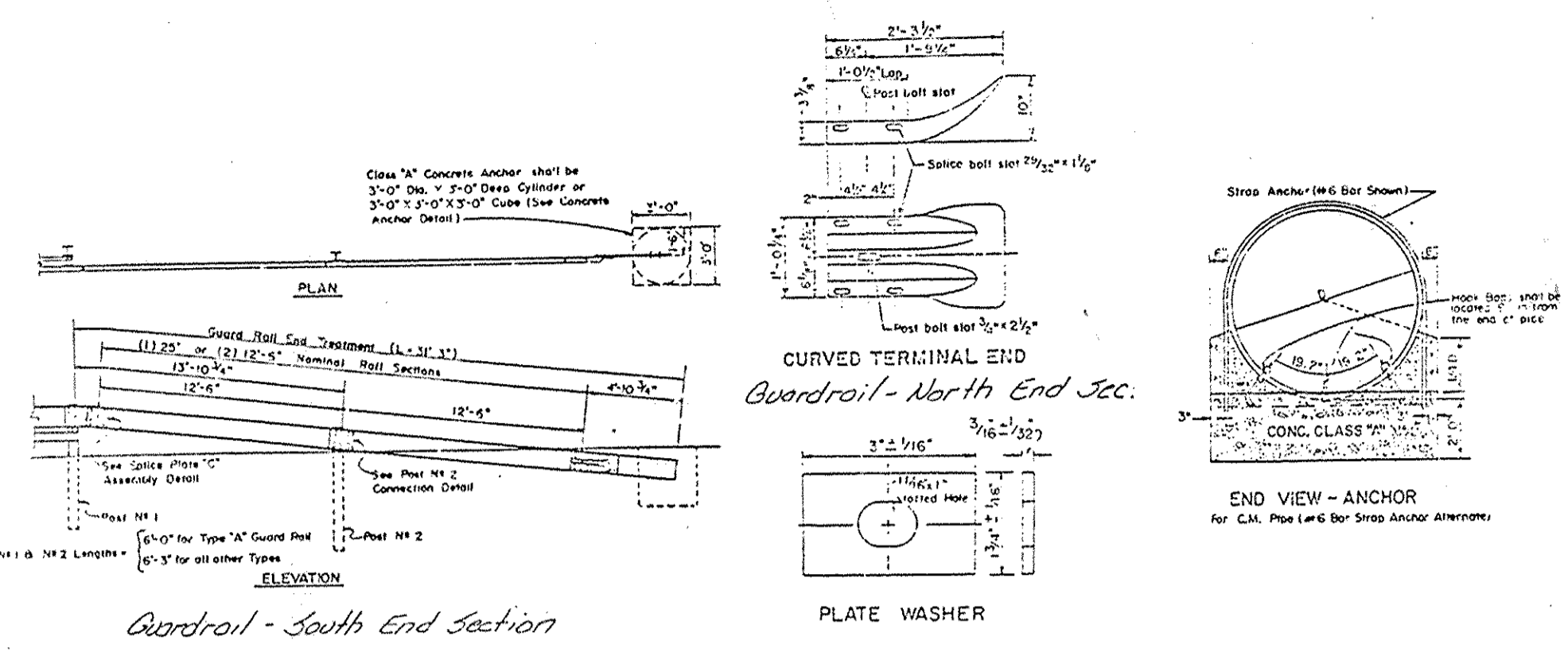
Allan H. Weihe
 ALLAN H. WEIHE, Reg. P.E., INDIANA



WEIHE ENGINEERS INC.
 ALLAN H. WEIHE, P.E., L.S. PRESIDENT
 15005 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611
 LAND SURVEYORS
 CIVIL ENGINEERS

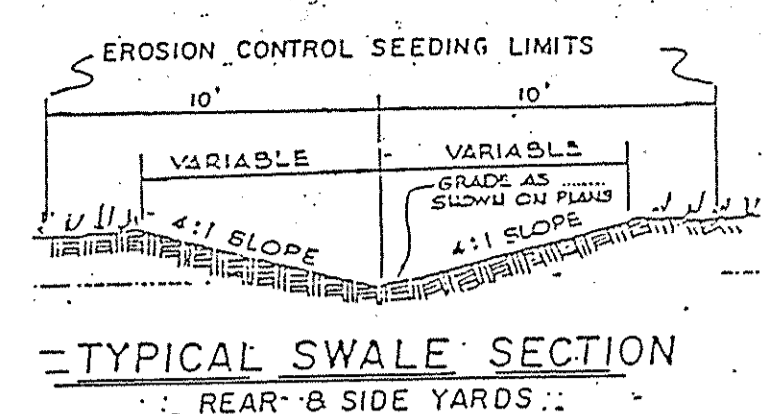
REVISIONS	DATE	BY	DESCRIPTION
1	08/15/87	AWH	Initial Design
2	09/01/87	AWH	Revised Design
3	09/15/87	AWH	Final Design
4	10/01/87	AWH	As-Built
5	11/01/87	AWH	Record Drawing

Prepared For: AS BUILTS
 Mr. Phillip Dier
 Carmel, Indiana
 Development Plan - Cedar Lake
 SHEET NO. 2
 OF 6



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:

- Swale seeding: Seed and fertilize within construction limits with 5#/Acre "Redtop" grass, 20#/Acre "Rye Grass", 20#/Acre "Bluegrass", 25#/Acre "Fescue" and 600#/Acre 12-12-12 Fertilizer.
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- Developers Option: Construction Areas requiring Erosion Control may be hydroseeded in accordance with above Seed and Fertilizer Specifications.

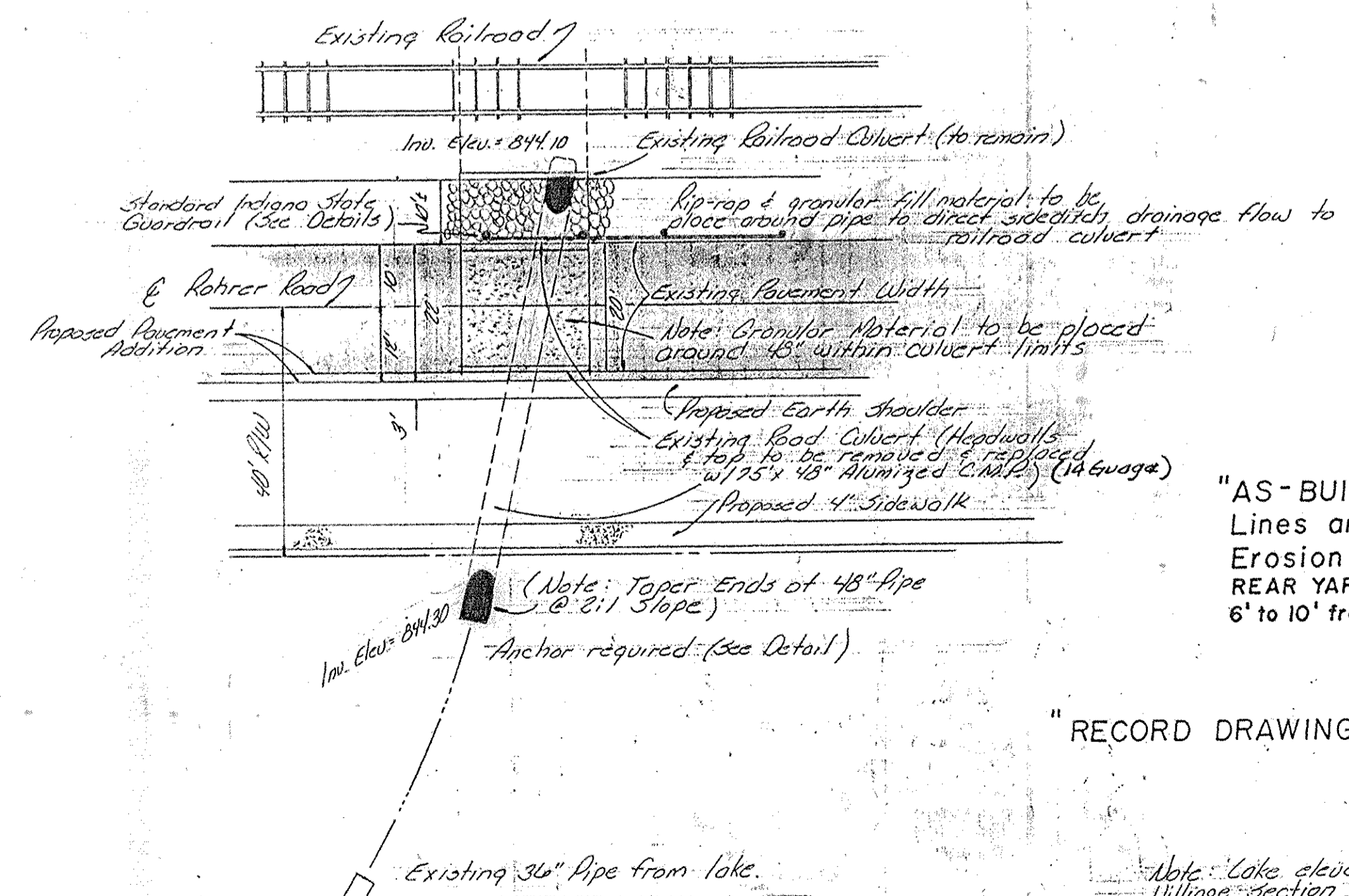


NOTE: Elevations shown hereon are planned and subject to change. Final house grade may have to be adjusted at time of house construction.

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The improvements were installed as shown under inspection by the Engineers Office of the City of Carmel and were constructed in accordance with the approved plans and specifications to the best of my knowledge and belief.

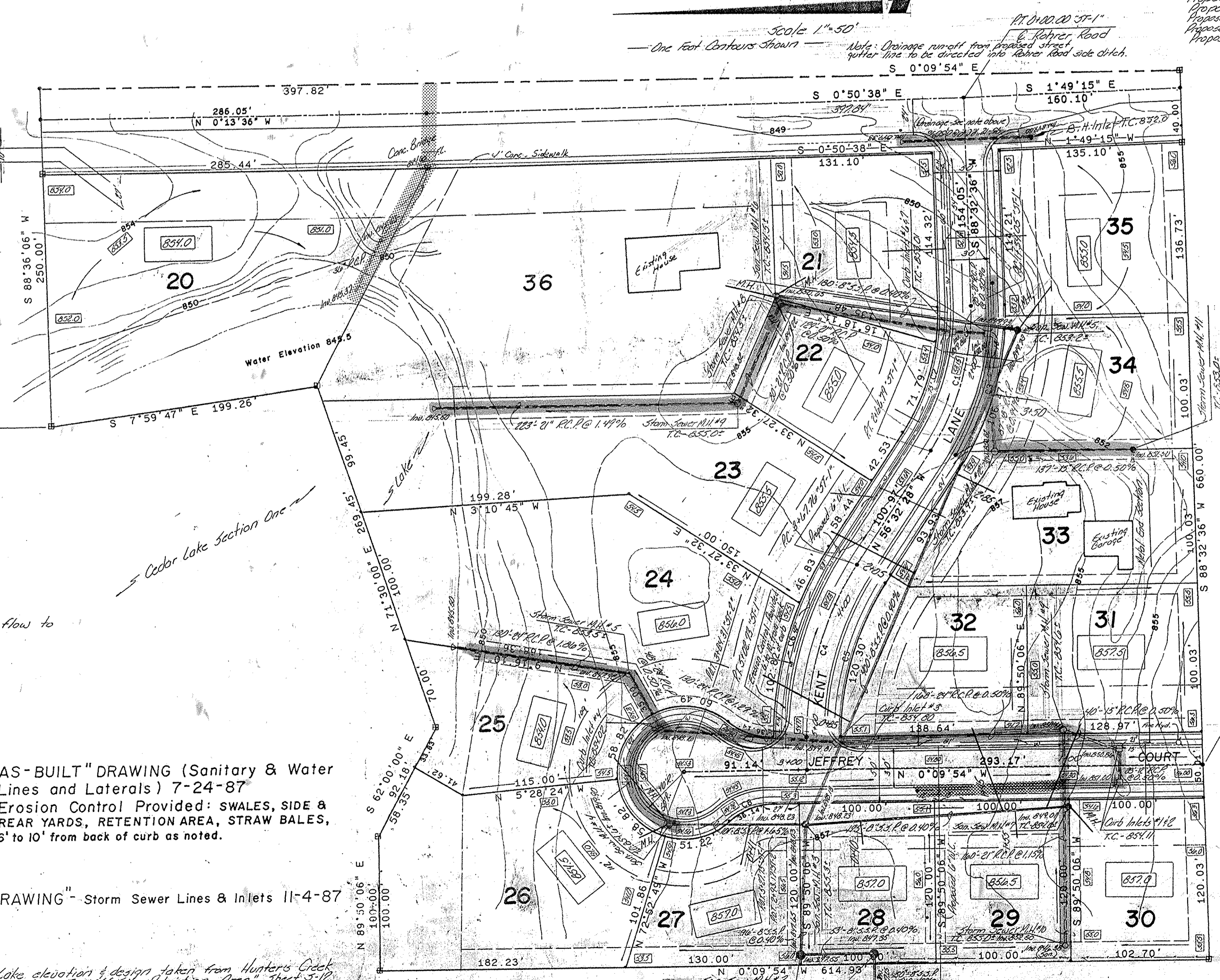
Certified: *Allan H. Weihe*
 Allan H. Weihe, Reg. P.E. 8827
 Indiana



"AS-BUILT" DRAWING (Sanitary & Water Lines and Laterals) 7-24-87
 Erosion Control Provided: SWALES, SIDE & REAR YARDS, RETENTION AREA, STRAW BALES, 6' to 10' from back of curb as noted.

"RECORD DRAWING" - Storm Sewer Lines & Inlets 11-4-87

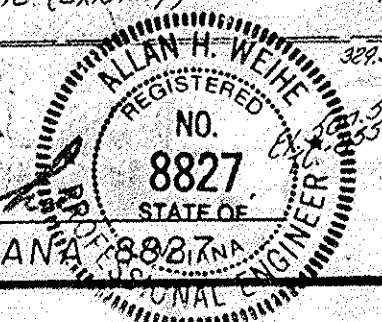
Note: Lake elevation & design taken from Hunters Creek Village section II, "Off Site Retention Area" Sheet 5-12, by Schutz & Thompson, Inc. Job No. 774-02 dtd. 1/20/84.



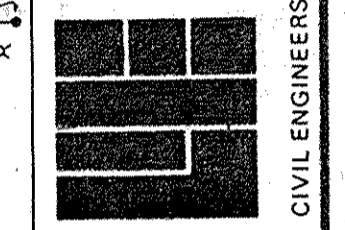
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Allan H. Weihe
 ALLAN H. WEIHE, Reg. P.E., INDIANA



WEIHE ENGINEERS INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611



REVISIONS	DATE	BY
1. Add storm sewer lines	11/18/87	AW
2. Change storm pipe sizes	12/1/87	AW
3. Change storm pipe elevations	12/1/87	AW
4. Change storm pipe materials	12/1/87	AW
5. Change storm pipe materials	12/1/87	AW
6. Change storm pipe materials	12/1/87	AW
7. Change storm pipe materials	12/1/87	AW
8. Change storm pipe materials	12/1/87	AW
9. Change storm pipe materials	12/1/87	AW
10. Change storm pipe materials	12/1/87	AW

Approved For: *Mr. Phillip Dier*
 Carmel, Indiana
 Development Plan - Cedar Lake

SHEET NO. 2
 OF 6