

**Drain:** ELIZABETH WARNEK **Drain #:** 117  
**Improvement/Arm:** SETTLERS RIDGE RELUXATION  
**Operator:** J. LIVINGSTON **Date:** 8-12-04  
**Drain Classification:** Urban/Rural **Year Installed:** 2000

### 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

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

Drain-Improvement: ELIZABETH WARNER + SETTLERS' RIDGE RELOCATED

| Drain Type: | Size: | Length | Length<br>(DB Query) | Length<br>Reconcile | If Applicable |       |
|-------------|-------|--------|----------------------|---------------------|---------------|-------|
|             |       |        |                      |                     | Price:        | Cost: |
| REP         | 18"   | 24'    | 24'                  |                     |               |       |
| OPEN DITCH  | —     | 540'   | 540'                 |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
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|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |

Sum: 564' 564' \$150,614<sup>00</sup>

Final Report: \_\_\_\_\_

Comments:

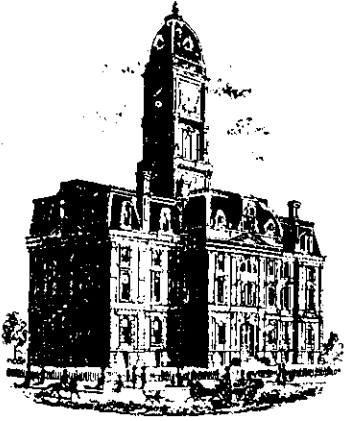
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SURVEYOR'S OFFICE

# 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

August 14, 2000

Re: Elizabeth Warner Drain

Attached is a petition, ~~non-enforcement~~ and plans for the proposed relocation of the Elizabeth Warner Drain. The relocation is being proposed by Centex Homes. The proposal is to convert a portion of the existing tile into open ditch. This will affect a portion of the George Warner 1895 portion of the Elizabeth Warner Drain. What is to be considered as open drain is within the detention facility in Common Area #2 of Setter's Ridge Section 1. The downstream station for this reconstruction shall be the same as the upstream station for the reconstruction described in my report dated June 8, 1999 for the construction of Lost Oaks, Section 2A.

The line will consist of the following:

18" RCP 24 ft                      Open Ditch 540 ft

The total length of new drain shall be 564 feet. The 550 feet of original drain between 33+14 and 38+64 shall be vacated. This proposal will add 14 feet from the drains total length.

The cost of the relocation is to be paid by Centex Homes. Because the project is to be paid by the petitioner and is within the boundaries of the petitioners property the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition.

The petitioner has provided the performance bond as follows:

Name of Bonding Co.: Safeco Insurance Company of America  
 Bond Number: 6074421  
 Bond Date: July 17, 2000  
 Bond Amount: \$150,614.00  
 Bond Term (1 yr. max): July 17, 2001

I recommend approval by the Board at this time.

  
 \_\_\_\_\_  
 Kenton C. Ward

Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which  
land alteration was accomplished 131st Street and River Road

Inspection Date(s): \_\_\_\_\_ Permit No. \_\_\_\_\_

Relative to plans prepared by: Stoeppelwerth and Associates, Inc.

on May 1, 2000

I hereby certify that:

To the best of my knowledge, information and belief such land  
alteration has been performed and completed in conformity with the improved  
plan, except \_\_\_\_\_

NONE

Signature Jeffery W. Darling Date: Oct 5, 2000

Typed Name: Jeffery W. Darling Phone: (317 849-5935)

Business Address 9940 Allisonville Rd., Fishers, Indiana 46038

Surv.  Engr. \_\_\_\_\_ Arch. \_\_\_\_\_ Indiana Registration No. 900017  
S0474

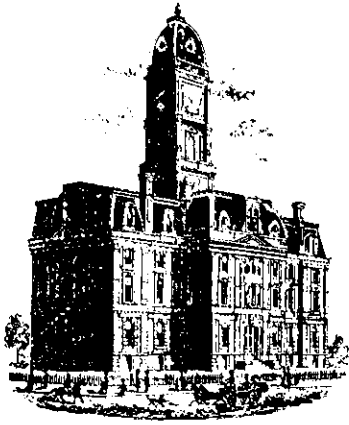


10265COM/IWP/FORM

**FILED**

**OCT 06 2000**

OFFICE OF HAMILTON COUNTY SURVEYOR



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square  
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

November 6, 2000

Re: Elizabeth Warner Drain: Settler's Ridge  
Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for Settler's Ridge 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 there were no significant changes made to the drainage plans submitted with my report for this drain dated August 14, 2000.

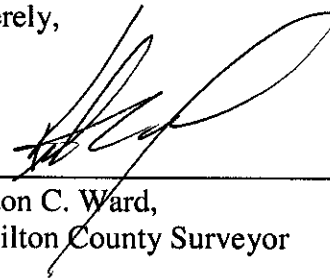
The length of the drain remains at **564 feet**. There was 550 feet of existing tile vacated between Sta. 33+14 and 38+64. Therefore, the net increased length of drain is **14 feet**.

The Board at its meeting on August 28, 2000 approved the non-enforcement.

The bond or letter of credit from Safeco Insurance Company of America, number 6074421; in the amount of \$150,614.00; was released October 23, 2000.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



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Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

| STR. NO. | TYPE                              | TC\RIM | INVERTS | DIRECTION |
|----------|-----------------------------------|--------|---------|-----------|
| 934      | METAL END SECTION                 |        | 744.90  | (SW)      |
| 935      | CURB INLET (NEENAH R-3501-N)      | 751.03 | 746.09  | (NE&S)    |
| 936      | CURB INLET (NEENAH R-3501-N)      | 751.03 | 746.43  | (W)       |
| 937      | YARD INLET (NEENAH R-4342)        | 749.40 | 747.00  | (NE)      |
| 938      | METAL END SECTION                 |        | 744.90  | (E)       |
| 939      | CURB INLET W/MH (NEENAH R-3501-N) | 754.20 | 745.48  | (W)       |
| 940      | CURB INLET W/MH (NEENAH R-3501-N) | 754.30 | 745.81  | (W&S)     |
| 941      | YARD INLET W/MH (NEENAH R-4342)   | 751.00 | 746.60  | (SW&E)    |
| 942      | YARD INLET W/MH (NEENAH R-4342)   | 751.00 | 747.10  | (NW&W)    |
| 943      | MANHOLE (NEENAH R-1772-C)         | 750.00 | 747.74  | (SE&S)    |
| 943A     | METAL END SECTION                 |        | 744.90  | (SW)      |
| 944      | CURB INLET (NEENAH R-3501-N)      | 756.05 | 752.03  | (NE&S)    |
| 945      | MANHOLE (NEENAH R-1772-C)         | 757.20 | 757.20  | (NE&S)    |
| 946      | CURB INLET W/MH (NEENAH R-3501-N) | 758.62 | 755.10  | (N)       |
| 947      | CURB INLET (NEENAH R-3501-N)      | 758.62 | 755.10  | (N)       |
| 948      | CURB INLET (NEENAH R-3501-N)      | 773.43 | 769.69  | (N)       |

- LEGEND**
- EXISTING CONTOUR
  - EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - PROPOSED GRADE
  - PROPOSED CONTOUR
  - PROPOSED SANITARY SEWER
  - PROPOSED STORM SEWER
  - PROPOSED SWALE
  - PROPOSED 4" SIDEWALK (BY HOME BUILDER)

# RECORD DRAWING

*Jeffrey W. Darling*  
 JEFFREY W. DARLING  
 Registered Land Surveyor  
 No. 900017

8/29/00  
 DATE



255  
 757.5  
 LOT NUMBER  
 PAD ELEVATION  
 PAD SIZE 50'x50'

ASBULT GRADE ELEV.

SCALE: 1" = 50'

THE LAKE IS TO BE LINED WITH CLAY OR OTHER SUITABLE MATERIAL PER ORDINANCE SECTION 7-85 FOR WELLHEAD PROTECTION.

ALL PADS TO BE TESTED TO 95% STANDARD PROCTOR TEST METHOD.

- DENOTES 4" SUBSURFACE DRAIN TO LOT
- DENOTES 6" SUBSURFACE DRAIN
- ROLL CURB

- BENCHMARK:**
- T.B.M. #1- TOP OF METAL GUARDRAIL SUPPORT ON SOUTH SIDE OF 131ST STREET, WEST END OF BRIDGE. ELEV.= 753.11
  - T.B.M. #2- TOP OF LARGE P.K. NAIL FOUND @ THE CENTER SECTION CORNER. ELEV.= 754.50

**EARTHWORK:**

- EXCAVATION**
  - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
  - B. Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
- REMOVAL OF TREES**
  - A. All trees and stumps from area to be occupied by a road surface area. Trees and stumps shall not be buried on site.
- PROTECTION OF TREES**
  - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
  - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect of protective measure to be taken, if any, to preserve such trees.
- REMOVAL OF TOPSOIL**
  - A. All topsoil shall be removed from all areas to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
- UTILITIES**
  - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
  - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
- SITE GRADING**
  - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
  - B. The tolerance for paved areas shall not exceed 0.10 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
  - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

"HOLEY MOLEY" SAYS:



**CAUTION**

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

1-800-382-5544  
 CALL TOLL FREE  
 1-800-428-5200  
 FOR CALLS OUTSIDE OF INDIANA

**CONSULTING ENGINEERS - LAND SURVEYORS**  
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942  
 INDIANAPOLIS INDIANA

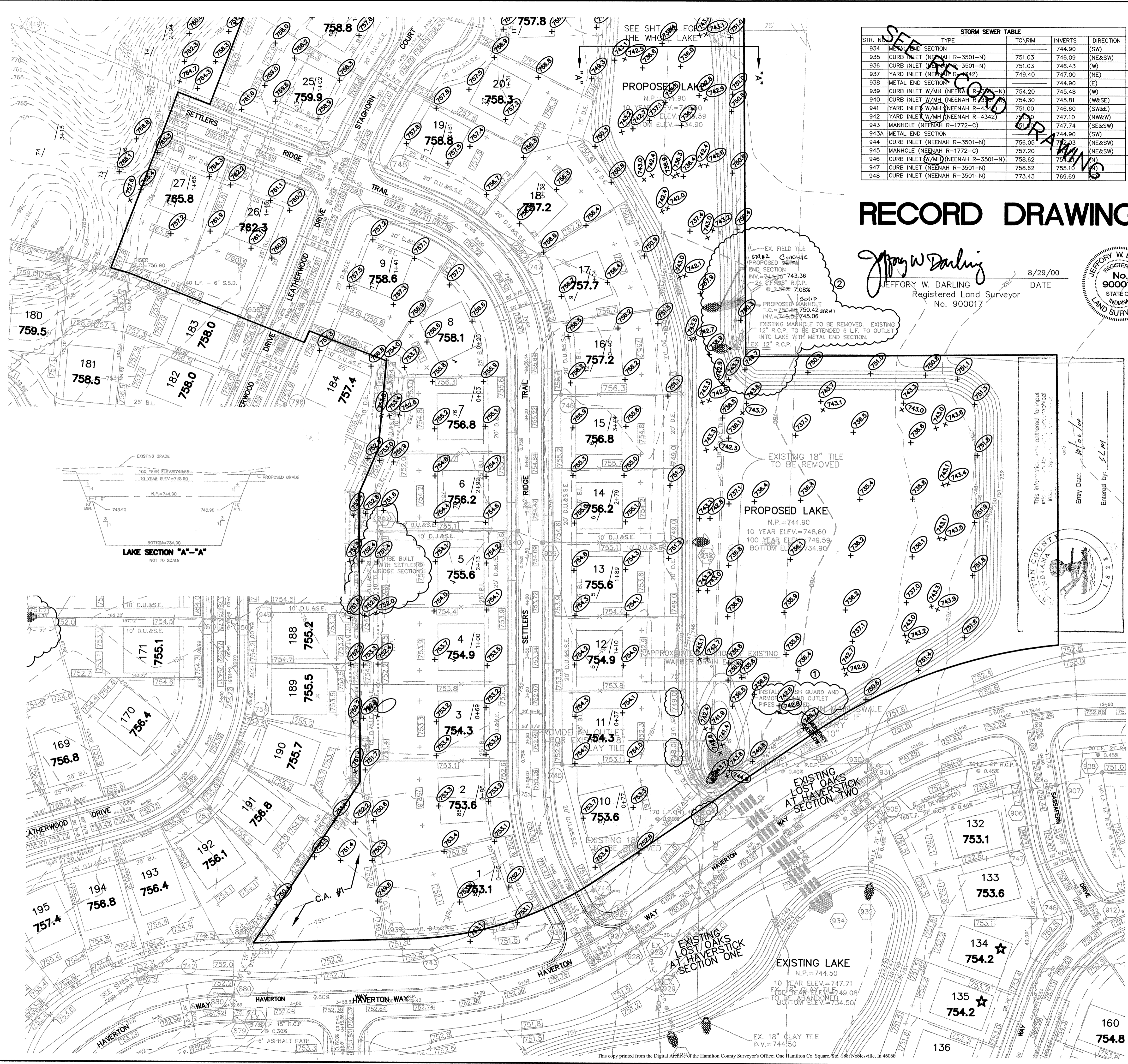
**SITE DEVELOPMENT PLAN**  
**SETTLER'S RIDGE SECTION ONE**  
 CARMEL INDIANA

CERTIFIED: 5/1/00  
 DATE: 5/7/00

BY: David J. Stoppelweber

REVISIONS:

| NO. | DATE   | DESCRIPTION                 |
|-----|--------|-----------------------------|
| 1   | 5/7/00 | AS BUILTS                   |
| 2   | 5/7/00 | REVISED PER DEVELOPER       |
| 3   | 5/7/00 | REVISED PER COUNTY SURVEYOR |
| 4   | 5/7/00 | REVISED PER COUNTY SURVEYOR |
| 5   | 5/7/00 | REVISED PER COUNTY SURVEYOR |
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| 7   | 5/7/00 | REVISED PER COUNTY SURVEYOR |
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FILED  
 OCT 08 2003  
 SHEET NO. 3  
 OF 16 SHEETS  
 JOB NO. 18465