

Drain: HUNTERS CREEK SOUTH DRAIN **Drain #:** 188
Improvement/Arm: ROCKWOODS-SECTION 1
Operator: JDH **Date:** 12-30-03
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

- Pull Source Documents for Scanning JJA 12-30
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JJA 12-30
- Digitize & Attribute SSD JJA 12-30
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JJA 12-30
- Sum drain lengths & Validate JJA 12-30
- Enter Improvements into Posse JJA 12-30
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors JJA 12-30



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
776-9626

approved 3/20/89

Noblesville, Ind. 46060 January 3, 1989



MAR 20 89

HAMILTON COUNTY DRAINAGE BOARD
Hansel H. DeLan
SECRETARY

TO: Hamilton County Drainage Board
RE: Hunters Creek South Drain
Rohrer Woods, Section 1

Attached is a petition, non-enforcement request, plans calculations and assessment roll for the Rohrer Woods, Section 1 arm to the Hunters Creek South 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 635 feet 12" RCP 915feet 24" RCP 30 feet 27" RCP 115 feet
The total length of the drain will be 1695 feet.

The maintenance of the retention area will be the responsibility of the property owners association. The regulated drain shall consist of the storm sewer inlet and outlet and the SSD outlet. The 30 feet of 12" RCP under Nevelle Drive built with Section 9 of Village of Mount Carmel shall be part of this regulated drain.

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 \$25.00 per lot, \$3.00 per acre for roadways. With this assessment the total annual assessment for the drain/this section will be \$365.24.

I recommend a hearing be set for March 1989. I recommend the attached non-enforcement request be approved at the time of hearing if petition is approved

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Kenton C. Ward
Kenton C. Ward-County Surveyor

FILED
DEC 27 1988
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

(Revised 2/1986)

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

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

In the matter of Rohrer Woods Subdivision,
Section One 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 Rohrer Woods Sec. 1, 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.

FILED
 DEC 2 1988
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

Terry Letner
 Signed _____

TERRY LETNER, MANAGER OF LAND DEVELOPMENT
 Printed Name

Signed _____

Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE 11-15-88

XXXX
XXXXXX

UNION STATE BANK

21 Jefferson Square • P. O. Box 1710 • Carmel, Indiana 46032

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. 2968

DATE February 7, 1989

BENEFICIARY

Hamilton County Drainage Board

FOR ACCOUNT OF

The C. P. Morgan Company
Rohrer Woods Partnership
1980 East 116th Street
Carmel, Indiana 46032

~~Robert Wood Johnson Foundation~~
Storm Sewer

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 Twenty-three Thousand and no/100 Dollars (\$23,000.00)

FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana
UNION STATE BANK P. O. Box 1710, Carmel, Indiana 46032

DRAWN ON UNION STATE BANK

Drafts are to be accompanied by:

Original Letter of Credit

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 June 30, 1989

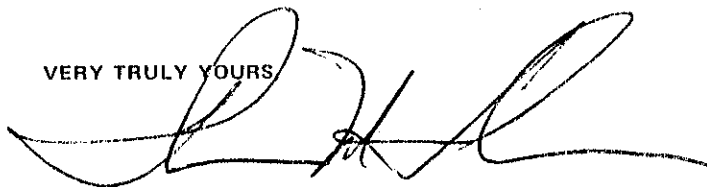
WE HEREBY AGREE WITH YOU THAT ALL DRAFTS DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT WILL BE DULY HONORED UPON PROPER PRESENTATION.

Except as otherwise expressly stated herein this Credit is subject to the Uniform Customs and Practice for Documentary Credits (1974¹⁹⁸³ Revision), International Chamber of Commerce, Publication 299. 400.

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

Steve A. Spets
D. D. Gardner
Sam C. Dillinger

VERY TRULY YOURS



AUTHORIZED SIGNATURE

Thomas M. Fiedler, Chairman

TITLE

DATE 2/14/89

ATTEST: _____
Hamilton Co. Square, Ste. 188, Noblesville, In 46060

HAMILTON COUNTY AUDITOR

ORIGINAL

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Rohrer Woods
Section 1

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: _____

Date: November 9, 1988

Type or Printed Name: Dennis L. Grumpp

Business Address: Schneider Engineering Corporation

3020 North Post Road, Indianapolis, IN 46226

Telephone: (317) 898-8282

INDIANA REGISTRATION NUMBER

S0303

SEAL





SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

August 16, 1994

Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

RE: Rohrer Woods Drain-Section 1

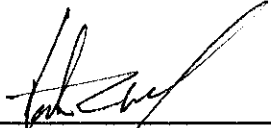
Attached are as-builts, certificate of completion and compliance and other information for Rohrer Woods Drain-Section 1. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction of the drain there were not any significant changes made to the plans submitted with my report dated January 3, 1989. Therefore, the length of the drain remains at 1,695 feet.

The non-enforcement of easement was approved by the Board at it's meeting on April 3, 1989.

The bond or letter of credit from Union State Bank, number 1915, dated June 27, 1989, in the amount of \$23,000.000, has been released.

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


Kenton C. Ward
Hamilton County Surveyor
KCW/no

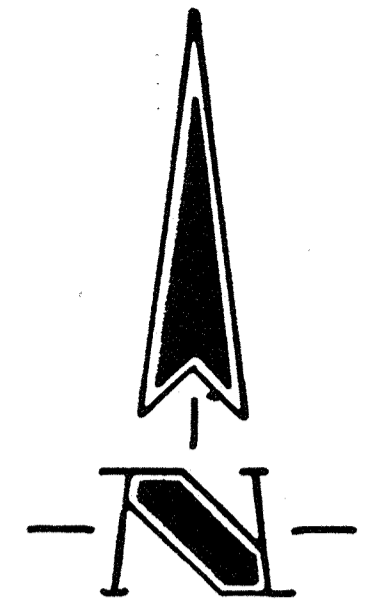
RECORD DRAWING 10/10/88

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: (LAND SURVEYOR)

CERTIFIED BY: (DEVELOPER)

- Utilities**
- Gas**
Indiana Gas Company
15900 Allisonville Road
Noblesville, IN 46060
773-0430
 - Water**
Hamilton Western Utilities
1350 Greyhound Court
Carmel, Indiana 46032
846-6561
 - Telephone**
Indiana Bell Telephone Co.
220 North Meridian Street
Indianapolis, IN 46220
2-5-5878 or 1-800-382-5544
 - Cable TV**
ACCU Cable
516 East Carmel Drive
Carmel, Indiana 46032
844-8877
 - Electric**
Public Service Indiana
P. O. Box 312
Noblesville, IN 46060
773-1980
 - Sanitary Sewer**
City of Carmel
40 East Main
Carmel, Indiana 46032
846-7316
 - Storm Sewer**
Hamilton County Surveyor
Hamilton County Courthouse
Noblesville, Indiana 46060
886-9626
 - Streets**
Hamilton County Highway Dept.
1717 East Pleasant
Noblesville, Indiana 46060
773-7770
- Utility Hotline: within Indiana 1-800-382-5544 outside Indiana 1-800-428-5200



**ASSUMED NORTH
SCALE: 1"=50'**

DON'T DIG BLIND

1-800-382-5544
1-800-428-5200



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: 12-30-03

Entered by: JH

Note

The size and location of utilities are per plans and locations provided by the respective utility companies. All utility companies should be notified prior to any excavation for field location of services.

- GENERAL NOTES:**
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
 - IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
 - STANDARD SPECIFICATIONS FOR THE CITY OF CARMEL, INDIANA SHALL APPLY FOR ALL SANITARY SEWERS AND STORM SEWERS.
 - ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
 - THE SIZE AND LOCATION OF UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
 - SERVICE WALKS SHALL OF NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
 - EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
 - 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.

LEGEND

- Existing Sanitary Sewer w/ Manhole
- New Sanitary Sewer w/ Manhole
- Existing Storm Sewer w/ Inlet
- New Storm Sewer w/ Inlet
- Existing Contours
- Finished Pavement Elevations
- All Other Finished Elevations
- 6" Subdrain w/ Riser and Lot Connection

- BENCHMARKS**
- TBM #8** North most hex nut fire hydrant, west side Oak ridge Road first hydrant south of southwest property corner of site. Elev. - 875.45
 - TBM #2** Northwest most hex nut fire hydrant north side of Nevelle Lane 600' (east of) Oak Ridge Road at line between Hunter's Creek South and Village Farms. Elev. - 859.99
 - TBM #6** North side of Oak Ridge Road 20' north of northwest corner of site. Elev. - 875.80

SANITARY STR.

1 SANMH#1 T.C. = 59.00 INV. = 52.25	7 SANMH#7 T.C. = 62.60 INV. = 57.06 (SE) 57.14 58.60 (W) 58.58
2 SANMH#2 T.C. = 59.00 INV. = 52.20 (N) 52.70 (E)	8 SANMH#8 T.C. = 62.60 INV. = 66.30 65.58
3 SANMH#3 T.C. = 60.20 INV. = 54.00 (S)	9 SANMH#9 T.C. = 62.40 INV. = 57.32 (NE) 57.25 57.42 (E)
4 SANMH#4 T.C. = 59.00 INV. = 54.40	10 SANMH#10 T.C. = 60.60 INV. = 54.80 (NW, SW) 54.92 (E)
5 SANMH#5 T.C. = 60.60 INV. = 54.80 (NW, SW) 54.92 (E)	6 SANMH#6 T.C. = 60.25 INV. = 56.16 (SE) 56.36 (NW)

STORM STR.

101 STR# 101 T.C. = 69.81 INV. = 55.62 (SE) 58.44	106 STR# 104A T.C. = 65.50 INV. = 62.40
102 STR# 102 T.C. = 69.21 INV. = 55.56 (N) 65.84	107 STR# 107 T.C. = 60.50 INV. = 57.73 (NW) 56.48 (SE) 57.48 (SW)
103 STR# 103 T.C. = 69.28 INV. = 55.56 (E, SW) 58.44	108 STR# 108 T.C. = 60.50 INV. = 56.42 (NW) 56.60 (S)
104 STR# 104 T.C. = 62.25 INV. = 60.18 (W, NE)	109 STR# 109 T.C. = 60.50 INV. = 56.66 (S, W) 56.40 (SW)
105 STR# 105 T.C. = 63.95 INV. = 56.80 (NE) 59.28	117 STR# 117 T.C. = 60.50 INV. = 55.92

PAD ELEVATIONS OF RECORD
850.0

GRADE ELEVATIONS OF RECORD
50.0

FOR DETAIL OF ENTRANCE SEE SHEET S-6

REVISIONS

NO.	DATE	DESCRIPTION
1	10/10/88	ISSUED FOR PERMITS
2	12/30/03	REVISIONS TO ACCURATELY REFLECT GIS DATA
3	01/16/04	REVISIONS TO ACCURATELY REFLECT GIS DATA

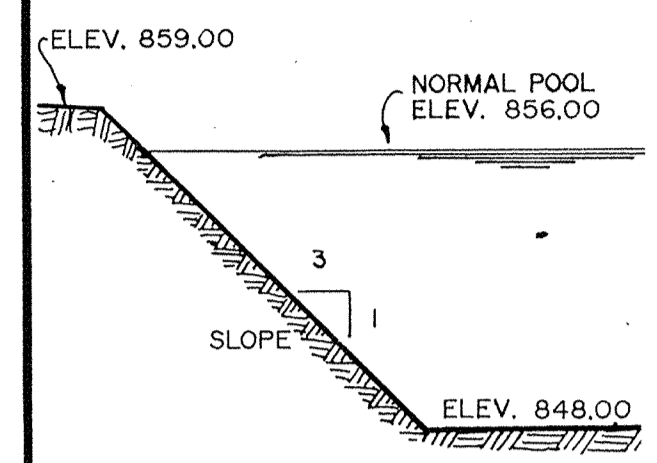
PROJECT: ROHRER WOODS SEC. I
PREPARED FOR: C.P. MORGAN
TITLE: DEVELOPMENT PLAN

SCALE: 1"=50'

SHEET: 9-4
OF: 13

ENGINEER: JOHN W. SCHNEIDER, PROFESSIONAL ENGINEER, INDIANA LICENSE NO. 14653

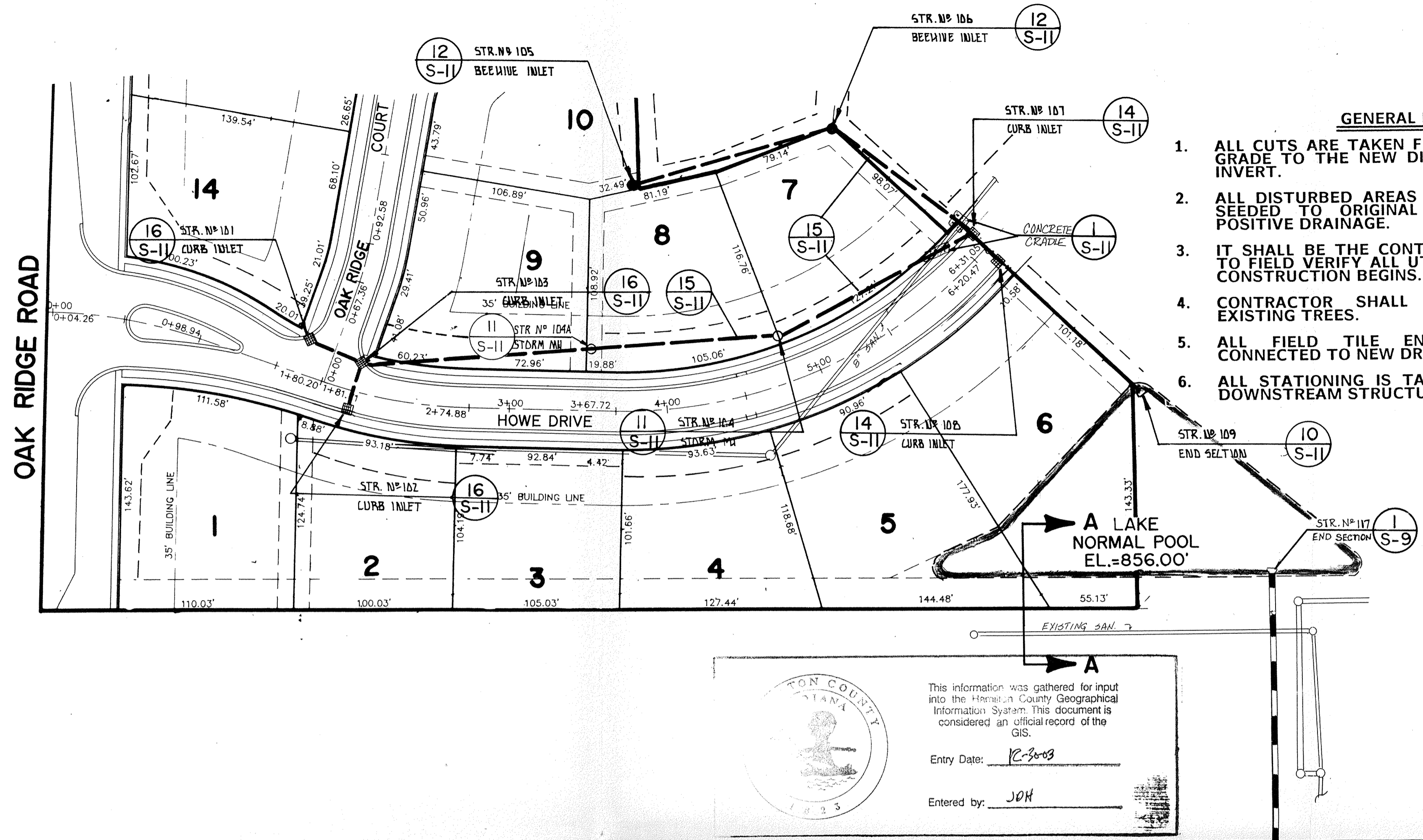
CONTRACTOR: SCHNEIDER ENGINEERING CORPORATION, 2800 NORTH POST ROAD, INDIANAPOLIS, INDIANA 46204-4818, (317) 898-8282, P.O. BOX 26068



LAKE SECTION A-A
SCALE: VERT. 1"=10' HORIZ. 1"=30'

BENCHMARKS

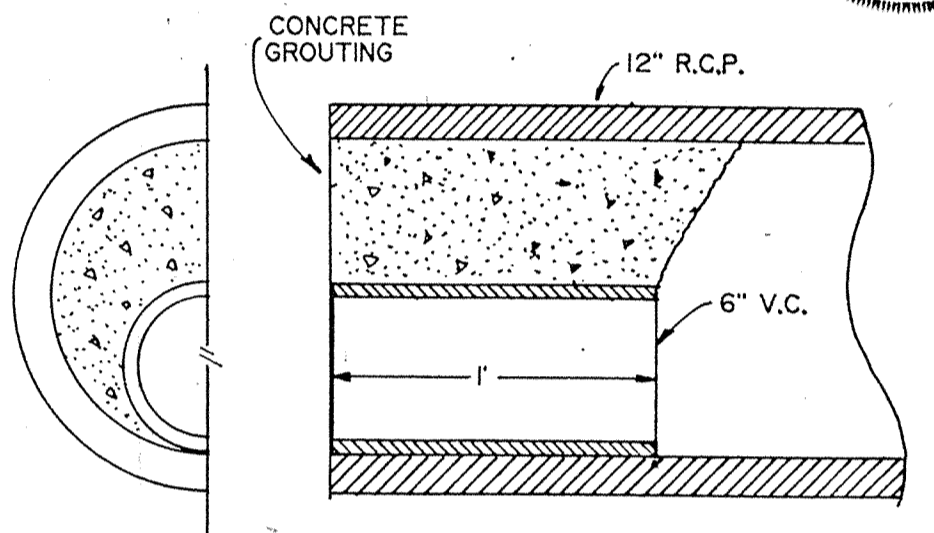
- TBM #8** North most hex nut fire hydrant, west side Oak ridge Road first hydrant south of southwest property corner of site.
Elev. - 875.45
- TBM #2** Northwest most hex nut fire hydrant north side of Nevelle Lane 600' +/- east of Oak Ridge Road at line between Hunter's Creek South and Village Farms.
Elev. - 859.99
- TBM #6** North side of sanitary manhole rim east side of Oak Ridge Road 20' +/- north of northwest corner of site.
Elev. - 875.80



- GENERAL NOTES:**
- ALL CUTS ARE TAKEN FROM THE EXISTING DITCH GRADE TO THE NEW DITCH GRADE OR THE PIPE INVERT.
 - ALL DISTURBED AREAS ARE TO BE GRADED AND SEEDED TO ORIGINAL CONDITION TO INSURE POSITIVE DRAINAGE.
 - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.
 - ALL FIELD TILE ENCOUNTERED SHALL BE CONNECTED TO NEW DRAIN.
 - ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.



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: 10-30-88
Entered by: JPH



DETENTION OUTLET CONTROL

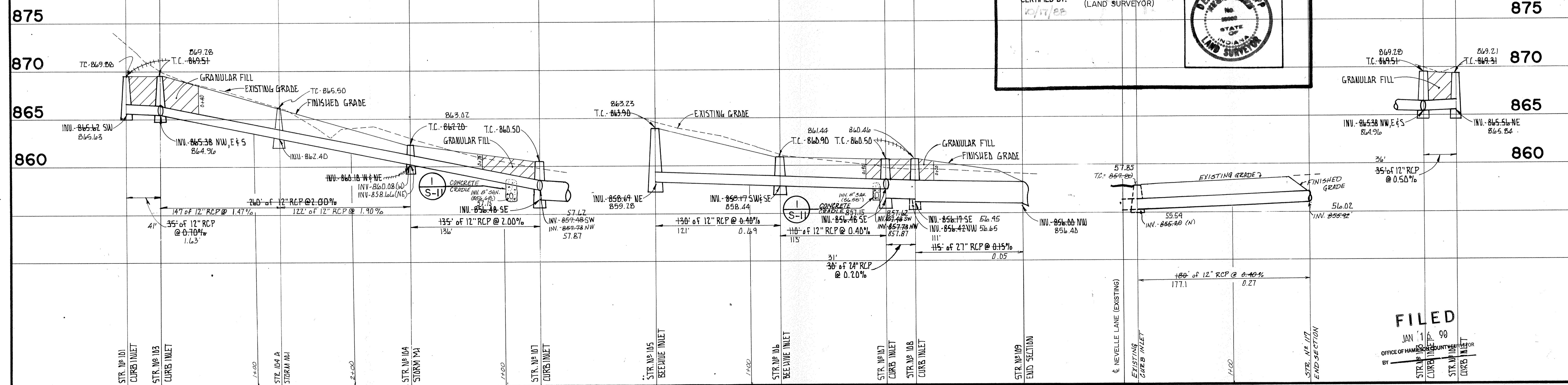
STORM SEWER PLAN

NEVELLE LANE SCALE: 1"= 50'

STORM SEWER RECORD DRAWING
10/10/88

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: (LAND SURVEYOR)



STORM SEWER PROFILE

SCALE: HORIZ.: 1"=50'
VERT.: 1"= 5'

FILED
JAN 11 1990
OFFICE OF HAMILTON COUNTY SURVEYOR
BY: C.F. MORGAN

REVISIONS

NO.	DATE	CHECKED BY	DATE	BY
1	10/10/88	JPH	10/10/88	JPH

PROJECT: ROHRER WOODS SEG. I
PREPARED FOR: C.F. MORGAN
TITLE: STORM SEWER PLAN
SHEET: 9 OF 10
SCALE: AS SHOWN

SCHEIDT ENGINEERING CORPORATION
3030 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
(317) 898-8282
P.O. BOX 26088
INDIANAPOLIS, INDIANA 46226