Drain: HUNTERS CREEK SOUTH DRAIN **Drain #:** 188
Improvement/Arm: ROHRER WOODS-SECTION 2
Operator: JDH **Date:** 12-30-03
Drain Classification: **Urban/Rural** **Year Installed:** 1989

GIS Drain Input Checklist

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

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: HUNTERS CREEK SOUTH DRAIN - ROHRER WOODS - SECTION 1

Drain Type:	Size:	Length (SURVEYORS RECORDS)	Length (DB Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
SSD	6"	635'	700'	+65'		
RCP	12"	915'	923.1'	+8.1'		
	24"	30'	31'	+1'		
	27"	115'	111'	-4'		
Sum:		1,695'	1,765.1	+70.1'		

Final Report: _____

Comments:

SUR. REPT AND ASBUILT LENGTHS DO NOT MATCH.

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060

approved 3/20/89

January 3, 1989

TO: Hamilton County Drainage Board

RE: Hunters Creek South Drain
Rohrer Woods, Section 1

MAR 20 89

HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

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 accuring 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 responsibilty 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 regualted 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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KCW/no

Kenton C. Ward-County Surveyor

XXXXX
XXXXX

UNION STATE BANK

21 Jefferson Square • P. O. Box ~~398~~ 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

[redacted]
Storm Sewer

FOR ACCOUNT OF

The C. P. Morgan Company
Rohrer Woods Partnership
1980 East 116th Street
Carmel, Indiana 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 Twenty-three Thousand and no/100 Dollars ($23,000.00)

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

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 (~~1974~~ 1983 Revision), International Chamber of Commerce, Publication ~~290~~ 400.

VERY TRULY YOURS,

AUTHORIZED SIGNATURE

Thomas M. Fiedler, Chairman
TITLE

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

DATE 2/6/89

ATTEST:
HAMILTON COUNTY AUDITOR

ORIGINAL

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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.

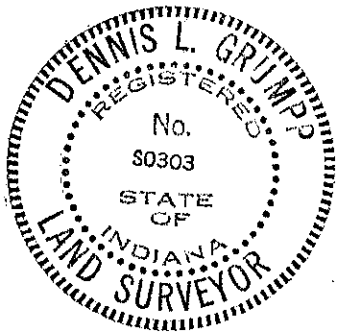
Signature: _____ Date: November 9, 1988

Type or Printed Name: Dennis L. Grumpp

Business Address: Schneider Engineering Corporation
3020 North Post Road, Indianapolis, IN 46226

Telephone: (317) 898-8282

SEAL



INDIANA REGISTRATION NUMBER

S0303

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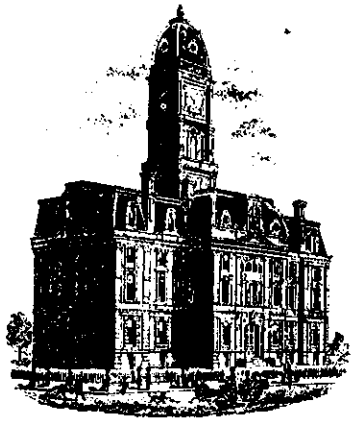

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
776-8495

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

August 16, 1994

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

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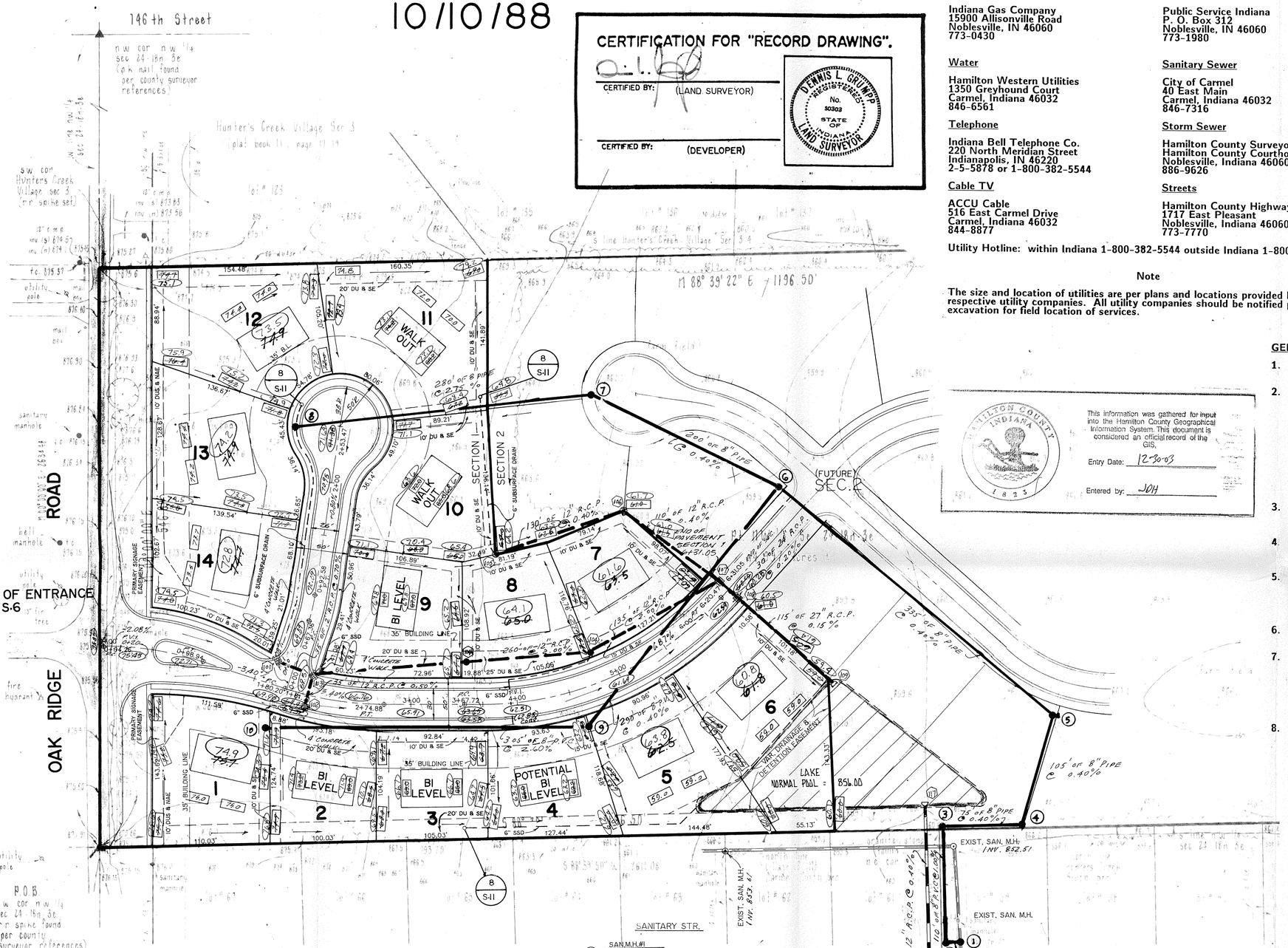
RECORD DRAWING
10/10/88

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: _____ (LAND SURVEYOR)

CERTIFIED BY: _____ (DEVELOPER)

DENNIS L. GRUMPP REGISTERED No. 50303 STATE OF INDIANA LAND SURVEYOR



FOR DETAIL OF ENTRANCE SEE SHEET S-6

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

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.

DON'T DIG BLIND "HOLEY MOLEY"
1-800-382-5544 CALL TOLL FREE
1-800-428-5200 FOR CALLS OUTSIDE OF INDIANA

ASSUMED NORTH
SCALE: 1"=50'

HAMILTON COUNTY INDIANA 1823
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: JOH

GENERAL NOTES:

1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
2. 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.
3. STANDARD SPECIFICATIONS FOR THE CITY OF CARMEL, INDIANA SHALL APPLY FOR ALL SANITARY SEWERS AND STORM SEWERS.
4. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
5. 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.
6. SERVICE WALKS SHALL OF NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
7. 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.
8. 4' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.

SCHNEIDER ENGINEER REGISTERED STATE OF INDIANA NO. 14653 PROFESSIONAL ENGINEER

LEGEND

- Existing Sanitary Sewer W/ Manhole
- New Sanitary Sewer W/ Manhole
- Existing Storm Sewer W/ Inlet
- New Storm Sewer W/ Inlet
- 845 Existing Contours
- 00.00 Finished Pavement Elevations
- 00.00 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.

JAN 16 '90 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

COUNTY OF HAMILTON COUNTY SURVEYOR

SANITARY STR.

1. SAN.M.H.#1 T.C. = 59.00 INV. = 52.25
2. SAN.M.H.# 2 T.C.= 59.00 INV.~~85.23~~(N) 85.27 O(E)
3. SAN.M.H.#3 T.C.= 60.00 INV.54.10(E) 54.0(S)
4. SAN.M.H.#4 T.C.=59.00 INV.54.40
5. SAN.M.H.# 5 T.C.= 60.60 INV.54.82(NW, SW) 54.92(E)
6. SAN.M.H.# 6 T.C.=~~61.70~~ 61.25 INV.~~56.16~~ 56.26 (NW) (SE, SW) 56.36
7. SAN.M.H.# 7 T.C.=~~62.60~~ 62.14 INV.~~57.06~~ 57.06 (SE) 57.14 ~~58.60~~ (W) 58.58
8. SAN.M.H.# 8 T.C.=~~71.8~~ 73.33 INV. ~~66.30~~ 65.58
9. SAN.M.H.#9 T.C.=~~62.40~~ 63.64 INV.~~57.32~~ (NE) 57.25 57.42 (W)
10. SAN.M.H.# 10 T.C.= ~~70.3~~ 74.18 INV.: ~~66.35~~ 65.09

STORM STR.

101. STR.# 101 T.C.=~~69.51~~ 69.88 INV.=~~65.02~~ (SE) 65.63
102. STR.# 102 T.C.=~~69.21~~ 69.21 INV.=~~65.56~~ (N) 65.84
103. STR.# 103 T.C.=~~69.51~~ 69.28 INV.=~~60.18~~ (E,S&W) 64.96
104. STR.# 104 T.C.=~~69.20~~ 69.02 INV.=60.18 (W&NE)
105. STR.# 105 T.C.=~~63.90~~ 63.23 INV.=~~58.69~~ (NE) 59.28
106. STR.# 106 T.C.=~~60.90~~ 61.44 INV.= ~~58.17~~ (SW&SE) 58.44
107. STR.# 107 T.C.=60.50 INV.= 57.73 (NW) 56.48 (SE) 57.48 (SW)
108. STR.# 108 T.C.=~~60.50~~ 60.46 INV.=~~56.42~~ (NW) 56.65 ~~56.17~~ (SE) 56.05
109. STR.# 109 INV.=~~56.00~~ 56.40
117. STR.# 117 INV.=55.92

104A. STR. # 104A T.C.-65.50 INV.-62.40

850.0 PAD ELEVATIONS OF RECORD

50.0 GRADE ELEVATIONS OF RECORD

REVISIONS

	BY	DATE	CHECK
Revised Sanitary Sewer from Sta 7+00 & add Sta 5+75+10			
Revised Rear yard grades and add flow arrows per # 14 & 13	TMK/JJ	5/4/88	
Revised slope varr grade, add varr, 11 & 12			

DRAWN BY	DATE	CHECK	NO.	BY	DATE	CHECK
DF.JJ	7/15/87	DLG	1	TMK/JJ	5/4/88	
			2	JJ/TMK	11/10/88	
			3	DLG/JJ	12/30/88	

SCHNEIDER ENGINEERING CORPORATION
302 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46219-6616
(317) 898-8282
P.O. BOX 26068
civil engineers
land surveyors
CERTIFIED

PROJECT ROHRER WOODS SEC. I
PREPARED FOR C.P. MORGAN
TITLE DEVELOPMENT PLAN
JOB NO. 641.01
SCALE 1"=50'
SHEET S-4 OF 13

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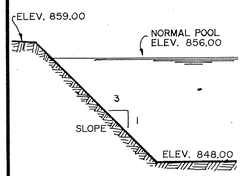


LAKE SECTION A-A

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.

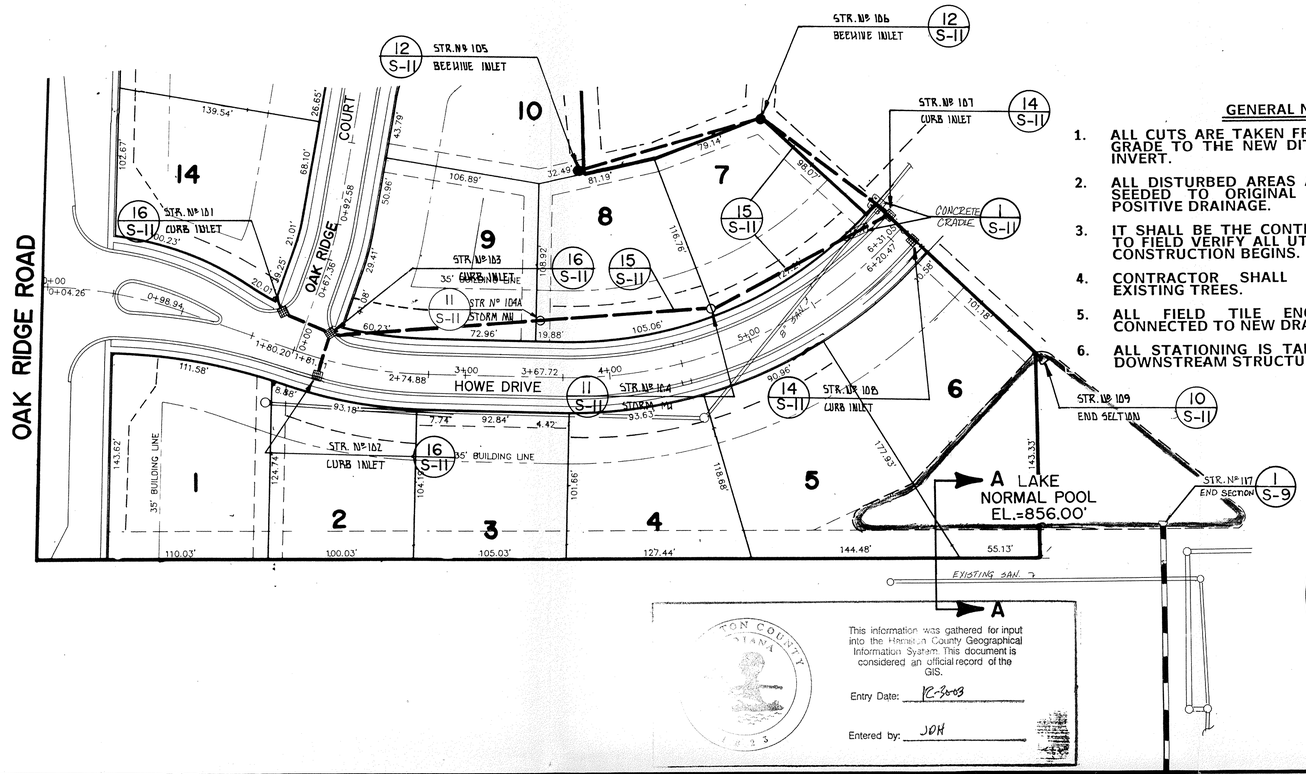
Elev. - 875.45

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



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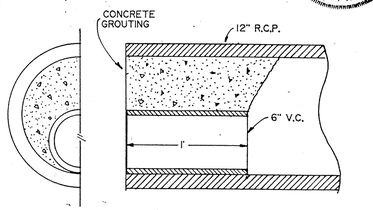
Entry Date: 12-30-03

Entered by: JDH

GENERAL NOTES:

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



DETENTION OUTLET CONTROL

STORM SEWER PLAN

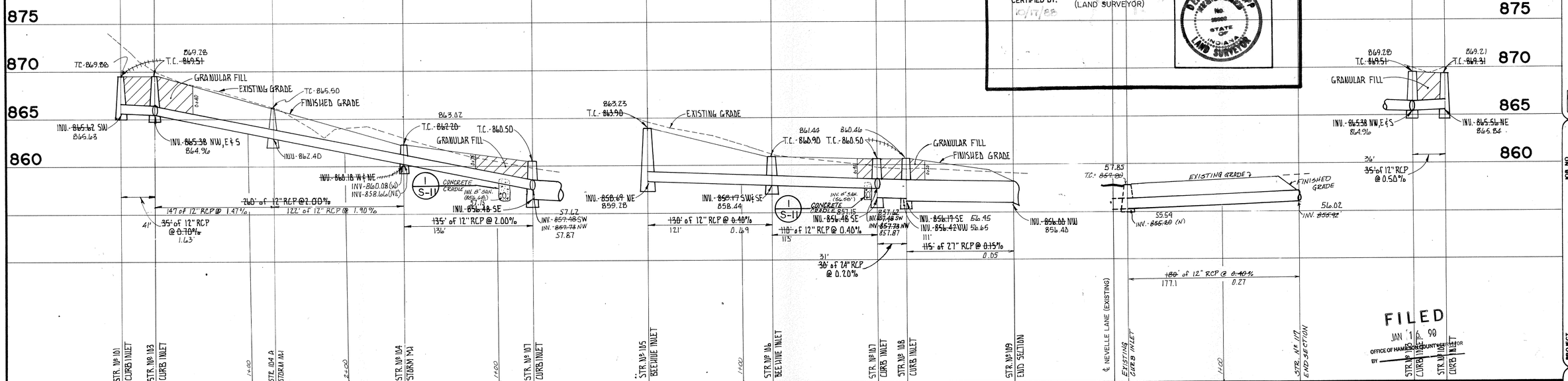
SCALE: 1"= 50'

STORM SEWER RECORD DRAWING
10/10/88

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: 10/17/88 (LAND SURVEYOR)

DENNIS L. GRUMP No. 20000 STATE OF INDIANA LAND SURVEYOR



STORM SEWER PROFILE

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

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REVISIONS

BY	DATE	CHECK	
JLL	10-10-88	McBUILTS.	

DRAWN BY JJH DATE 7/28/86 CHECK NO. 1

SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
(317) 898-8282
P.O. BOX 26068
civil engineers
land surveyors

JOHN V. SCHNEIDER REGISTERED NO. 14653 STATE OF INDIANA PROFESSIONAL ENGINEER

CERTIFIED

JOB NO. 641.01

SCALE: AS SHOWN

PROJECT ROHRER WOODS SEG. 1

PREPARED FOR C.P. MORGAN

TITLE STORM SEWER PLAN

SHEET S-9 OF 13