

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: HUNTERS CREEK SOUTH DRAIN - ROYAL WOODS - SECTION 2

Drain Type:	Size:	Length <i>SURVEYED (REPAIR/MAINT)</i>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
<i>SSD</i>	4"	ϕ	115'	+115'		
	6"	1075'	1075'	ϕ		
<i>RCP</i>	12"	120'	120'	ϕ		
	15"	165'	167'	+2'		
	18"	71'	69'	-2'		
	21"	112'	112.4'	+.4'		

Sum: 1543' 1658.4' 115.4'

Final Report: _____

Comments:
SURVEY REPT. AND AS BUILT LENGTHS DO NOT MATCH.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 January 9, 1989

*approved
3/20/89*

FILED

MAR 20 89

HAMILTON COUNTY DRAINAGE BOARD

James H. ...
SECRETARY

TO: Hamilton County Drainage Board

RE: Hunters Creek South Drain
Rohrer Woods, Section 2

Attached is a petition, non-enforcement request, plans, calculations and assessment roll for the Rohrer Woods, Section 2 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	1075feet	12" RCP	120feet	15" RCP	165feet
18" RCP	70feet	21" RCP	110feet		

The total length of the drain will be 1540 feet.

The maintenance of the retention area will be the responsibility of the property owners association. The inlet and outlet of the retention area will be part of the 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 \$540.78.

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

KCW/no

Kenton C. Ward
Hamilton County Surveyor

FILED
DEC 22 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 Two 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. 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.

Terry Lester
 Signed _____

TERRY G. LESTER, MANAGER OF LAND DEVELOPMENT
 Printed Name _____

Signed _____

Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE 11-15-88

FILED
 DEC 21 1988
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

~~XXXXXX~~
~~XXXXXX~~

UNION STATE BANK

21 Jefferson Square • P. O. Box ~~888~~ • Carmel, Indiana 46032
1710

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. **2994**

DATE November 4, 1988

BENEFICIARY

Hamilton County Drainage Board

Rohrer Woods, Section II
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 Fifteen Thousand and no/100 Dollars (\$15,000.00)

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 November 4, 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~~1974~~ Revision), International Chamber of Commerce, Publication ~~290~~ 400.

VERY TRULY YOURS,


AUTHORIZED SIGNATURE

George F. Burrell, President

TITLE

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR
RE: Rohrer Woods, Sections 1 and 2

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 have been installed and completed in conformity with all plans and specifications, with the following exceptions:

Signature:  Date 2/8/1990

Type or Printed Name: John V. Schneider

Business Address: 3020 North Post Road
Indianapolis, IN 46226

Telephone: 317-898-8282



INDIANA REGISTRATION NUMBER

S0115

SEAL

1. The storm manhole labeled 104A on the Asbuilt Documents was an addition to the original construction documents, but does not adversely affect the drainage flow.
2. 136' of 12' RCP between structures 104 and 107 was laid at 0.77% slope in lieu of 2.00% this will require an approximately static head of 1.7' above the crown to achieve the design flow. This will still leave 1.6' to the top of casting in Str # 104.
3. 111' of 27" RCP between structures 108 and 109 was laid at 0.05% slope in lieu of 0.15% this will require an approximate static head of 0.2' above the crown to achieve the design flow.
4. The swales on lots 28 and 29 need to be reworked to achieve positive drainage, and curb inlets 110, 111, 114 & 115 need cleaned of silt from the house construction.



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: Hunter's Creek South Drain-Rohrer Woods-Section 2

Attached are as-builts, certificate of completion and compliance and other information for Rohrer Woods-Section 2. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

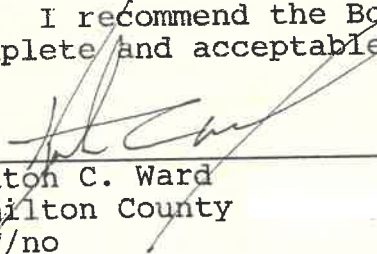
During construction, changes were made to the drain which will alter the plans submitted with my report for this drain dated January 9, 1989. The changes are as follows:

110' of 21" RCP was changed to 112' of 21" RCP between Lot 16 & 17
Between STRUCTURES 113 & 114 40' of 18" RCP changed to 41' of 18" RCP

The length of the drain due to the changes described above is now 1543 feet.

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

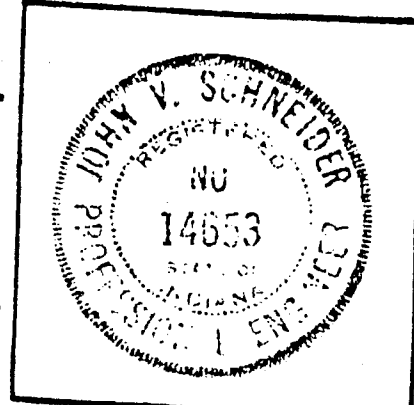
I recommend the Board approve the drains construction as complete and acceptable.


Kenton C. Ward
Hamilton County
KCW/no

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: _____ (ENGINEER)

CERTIFIED BY: _____ (DEVELOPER)



(CHIEF ENGINEER)

GENERAL NOTES:

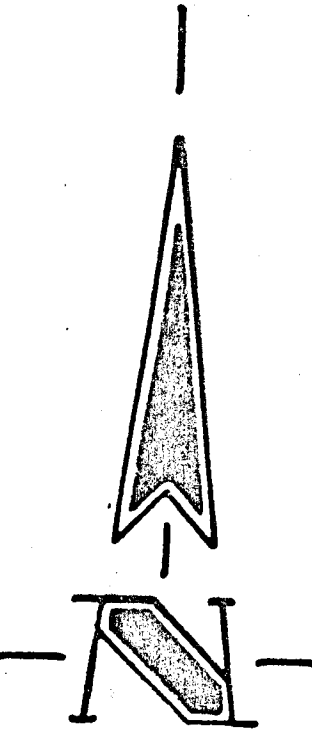
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
- IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE 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 BE 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.

HOLEY MOLEY SAYS,

"DON'T DIG BLIND"



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



ASSUMED NORTH SCALE: 1"=50'

- 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
30 East Main
Carmel, Indiana 46032
346-7316
 - 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.

LEGEND

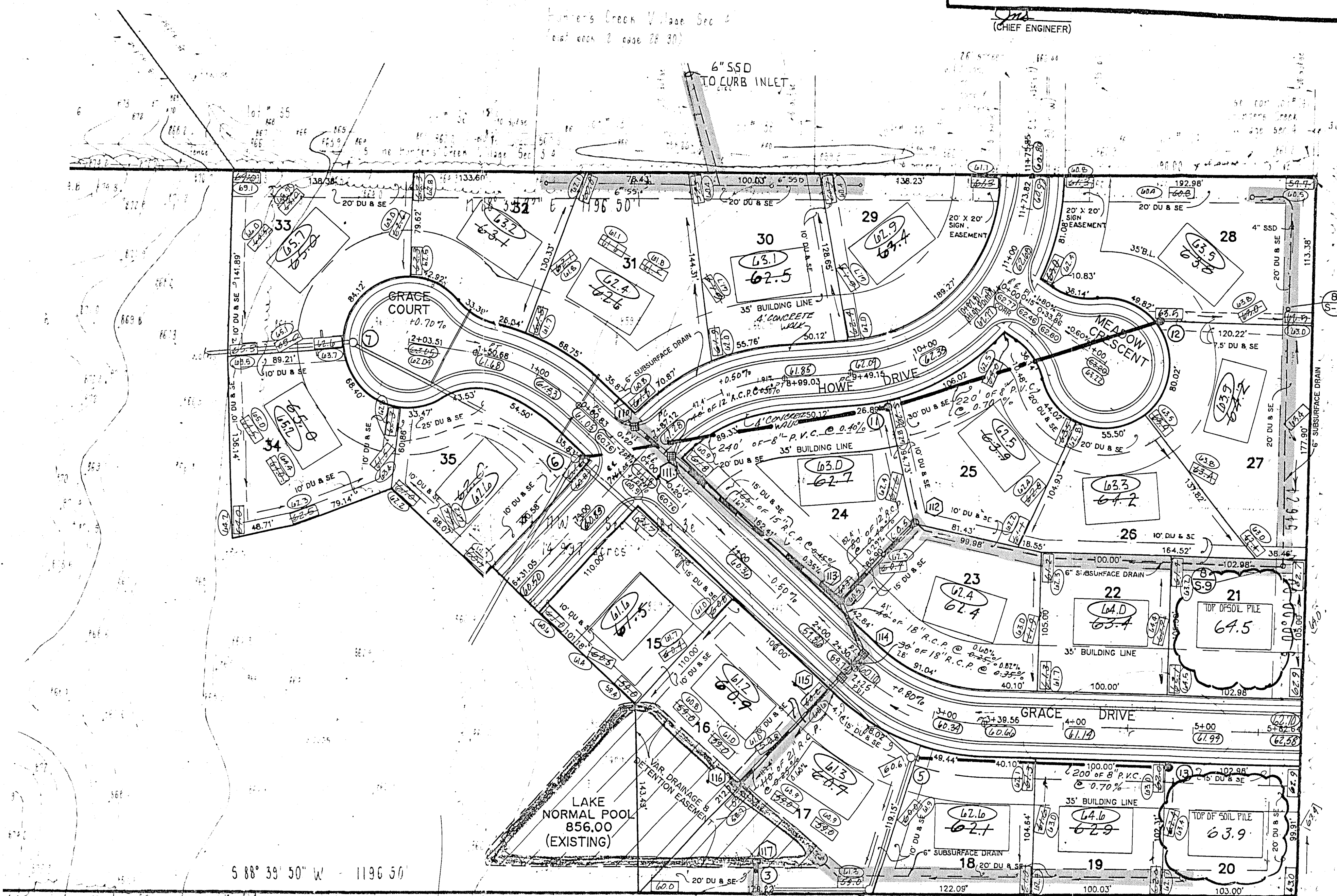
- Existing Sanitary Sewer w/ Manhole
- New Sanitary Sewer w/ Manhole
- Existing Storm Sewer w/ Inlet
- New Storm Sewer w/ Inlet
- Existing Contours
- Finished Pavement Elevations
- All Other Finished Elevations
- 6" Subdrain w/ Riser and Lot Connection

- (85.0) PAD ELEVATIONS OF RECORD
- (62.2) GRADE ELEVATIONS OF RECORD

FILED
SEP 20

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



SANITARY		STORM STR.	
11 SAN.M.H.#1 T.C. 58.50 43.16 INV. 57.42 67.42		110 STR.#10 T.C. 60.76 60.74 INV. 58.69 57.99	114 STR.#14 T.C. 60.73 60.50 INV. 58.14 (N.W.) 57.00 INV. 58.38 (S.W.) 58.47
12 SAN.M.H.#2 T.C. 58.76 64.10 INV. 58.66 59.04		111 STR.#11 T.C. 60.76 61.03 INV. 58.23 (S.E.) 58.74 57.10 (S.W.) 58.44	115 STR.#15 T.C. 60.73 59.99 INV. 56.59 (N.E.) 56.74 56.14 (S.W.) 56.44
13 SAN.M.H.#3 T.C. 62.00 63.10 INV. 56.32 57.00		112 STR.#12 T.C. 60.58 60.45 INV. 58.06 58.84	116 STR.#16 T.C. 60.73 60.50 INV. 58.14 (N.W.) 57.00 INV. 58.38 (S.W.) 58.47
		113 STR.#13 T.C. 60.59 60.59 INV. 57.24 (N.E.) 56.60 57.49 (N.W.) 56.50 57.24 (S.E.) 56.52	

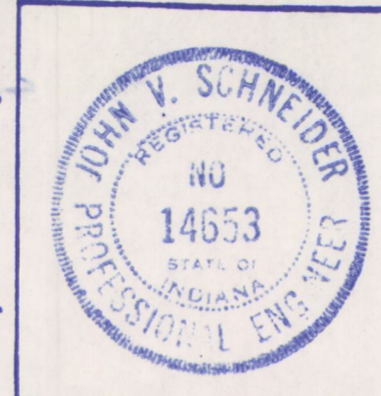
RECORD DRAWING 01/05/89

PROJECT: ROHRER WOODS SEC. 2
SHEET: 5.4
TITLE: DEVELOPMENT PLAN
DATE: 01/05/89
SCALE: 1"=50'
PREPARED FOR: C.P. MORGAN
BY: SCHNEIDER ENGINEERING CORPORATION
300 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46204
CIVIL ENGINEERS
LAND SURVEYORS
(317) 886-8382
P.O. BOX 76068

This copy printed from Digital Archive of the Hamilton County Surveyor's Office, One Hamilton Co. Square, Ste., Noblesville, In 46060

CERTIFICATION FOR "RECORD DRAWING".

CERTIFIED BY: (ENGINEER)



CERTIFIED BY: (DEVELOPER)

(CHIEF ENGINEER)

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 SPACES 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.

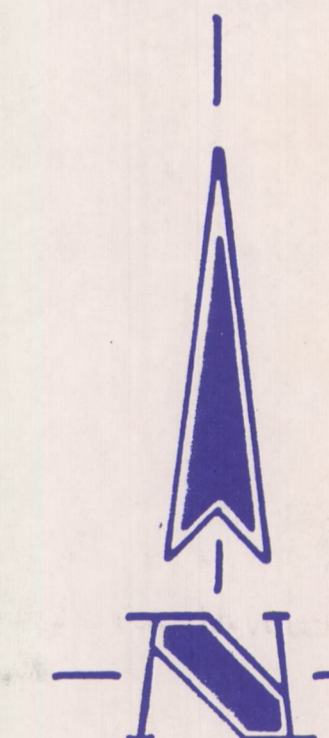
HOLEY MOLEY SAYS,

"DON'T DIG BLIND"



1-800-382-5544
CALL TOLL FREE

1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA



ASSUMED NORTH
SCALE: 1"=50'

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

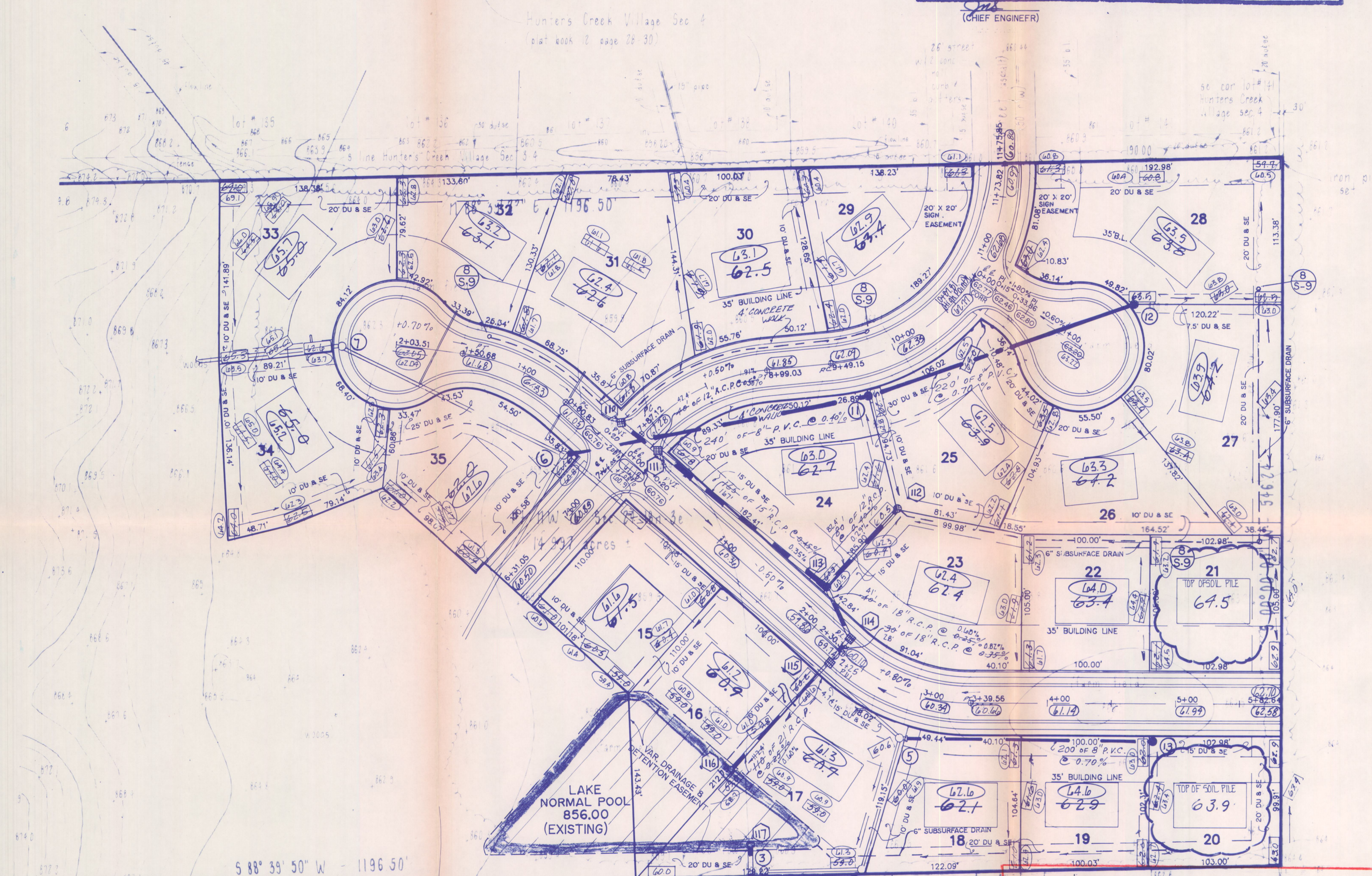
LEGEND

- 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

PAD ELEVATIONS OF RECORD

GRADE ELEVATIONS OF RECORD

- BENCHMARKS
- TBM #8 North most hex nut fire hydrant, west side Oak ridge Road first hydrant south of southwest property corner of site.
Elev. - 875.43
 - TBM #2 Northwest most hex nut fire hydrant north side of Nevelle Lane 600' +/- east of Oak Ridge Road between Hunter's Creek South and Village Farm.
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



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: 12-31-03

Entered by: JCH

SANITARY

① SAN.M.H.#1 T.C.62.60 63.16 INV.57.12 57.42
② SAN.M.H.#2 T.C.63.76 64.10 INV.58.66 59.06
③ SAN.M.H.#3 T.C.62.00 63.10 INV.56.32 57.00

STORM STR.

⑩ STR.#10 T.C.60.76 60.74 INV.58.68 57.99	⑩ STR.#14 T.C.60.73 60.50 INV.57.14 N.W. 57.10 INV.56.50 S.W. 56.47
⑪ STR.#11 T.C.60.76 61.03 INV.58.23 (S.E) 58.24 57.16 (S.W) 56.44	⑪ STR.#15 T.C.60.73 59.99 INV.56.39 (N.E) 56.74 66.14 (S.W) 56.44
⑫ STR.#12 T.C.60.50 60.45 INV.58.06 58.04	⑫ STR.#16 INV.56.86 66.77
⑬ STR.#13 T.C.61.30 60.59 INV.57.74 (N.E) 56.60 57.49 (N.W) 56.50 57.24 (S.E) 56.52	⑬

RECORD DRAWING 01/05/89

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	12/21/03	JCH	ISSUED FOR RECORD
2	1/13/04	JCH	REMOVED CURB AND SIDEWALKS
3	1/13/04	JCH	AS-BUILT

PROJECT: ROHRER WOODS SEC. 2
JOB NO: 641.02
PREPARED FOR: C.P. MORGAN
TITLE: DEVELOPMENT PLAN
SHEET OF 5.4
SCALE: 1"=50'

SCHNEIDER ENGINEERING CORPORATION
3025 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-6118
(317) 898-8782
P.O. BOX 26068