

Drain: PEBALE BROOK DRAIN **Drain #:** 191
Improvement/Arm: PINEHURST VILLAGE-SECTION 1
Operator: JDH **Date:** 3-9-04
Drain Classification: Urban/Rural **Year Installed:** 1997

GIS Drain Input Checklist

- Pull Source Documents for Scanning JA 3-9
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JA 3-9
- Digitize & Attribute SSD JA 3-9
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JA 3-9
- Sum drain lengths & Validate JA 3-9
- Enter Improvements into Posse JA 3-9
- Enter Drain Age into Posse JA 4-23
- Sum drain length for Watershed in Posse JA 4-23
- Check Database entries for errors JA 3-9

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

Drain-Improvement: PEBBLE BROOK DRAIN - PINEHURST VILLAGE - SECTION 1

Drain Type:	Size:	Length <small>SURVEYOR'S REPORT</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	4,004'	4,004'	Ø		
RCP	12"	701'	701'	Ø		
	15"	279'	279'	Ø		
	18"	361'	361'	Ø		
	21"	820'	787'	-33'		
	24"	226'	226'	Ø		
	27"	267'	267'	Ø		

Sum: 6,658' 6,625' -33'

Final Report: _____

Comments:
STR. 800, 801, AND 33' OF 21" PIPE NOT INSTALLED DUE TO ENLARGEMENT OF RETENTION
POND.



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

May 6, 1997

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Pebble Brook Drain-Pinehurst Village Section 1 Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the Pebble Brook Drain-Pinehurst Villages-Section 1 Arm. 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 benefited. The drain will consist of the following:

6"	SSD	4,004 feet	21"	RCP	844 feet
12"	RCP	632 feet	24"	RCP	220 feet
15"	RCP	284 feet	27"	RCP	269 feet
18"	RCP	363 feet			

The total length of the drain will be 6,616 feet.

The subsurface drains (SSD) under curbs are to be part of the regulated drain. Only the main SSD lines which are located within the Right-of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

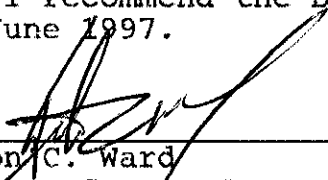
I have reviewed the plans and believe the drain will benefit each of the lots equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the Construction of this drain. I recommend a maintenance assessment of \$20.00 per lot, \$2.00 per acre for roadways, with a \$20.00 minimum. With this assessment the total annual assessment for this section will be \$ 960⁰⁰.

Parcels assessed for this drain may be assessed for the George Booth or Sly Run Drain at sometime in the future.

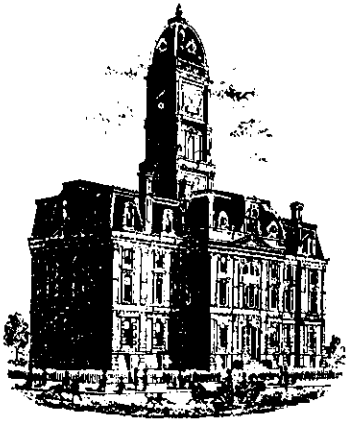
I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Pinehurst Village-Section 1 Arm, as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for June 1997.



Kenton C. Ward
Hamilton County Surveyor
KCW/no



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

November 19, 1999

Re: Pebble Brook Drain

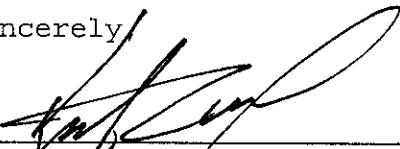
Attached is a petition and plans for the proposed partial vacation of the Pebble Brook Drain. The vacation is being proposed by the Village of Pebble Brook Apartments. The proposal is to expand the existing pond located in Pinehurst Village, Section 1 creating what is shown as Lake 4 on the attached plans for Pebble Brook Apartments. This will eliminate the 36 feet of 21" RCP now in place on the South side of said pond. This is the section of pipe between Str. 800 and 801 in Pinehurst Village Section 1. Also to be removed is 15 feet of the 21" RCP, which will no longer be needed. The section of pipe between Str. 803 and Str. 804 on the plans for the Pinehurst Village, Section 1 will now be terminated at Str. 842 as shown on the apartment plans. Str. 803 as shown on the plans for Pinehurst Village, Section 1 will be removed.

The 51 feet of original tile drain as described above shall be vacated.

The cost of the relocation is to be paid by Village of Pebble Brook Apartments. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's 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.

I recommend approval by the Board at this time.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/kkw



SUBDIVISION BOND

Bond No.: 104176

Principal Amount: \$124,600.00

KNOW ALL MEN BY THESE PRESENTS, that we Estridge Development Co., Inc.
1041 W. Main Street
Carmel, IN 46032 as Principal, and Frontier

Insurance Co. 195 Lake Louise Marie Road
Rock Hill, NY 12775-8000 a New York Corporation,

as Surety, are held and firmly bound unto Hamilton County Commissioners
One Hamilton County Square
Noblesville, IN 46060 in the penal sum of _____

One Hundred Twenty Four Thousand Six Hundred and 00/100 (Dollars)
(\$124,600.00), lawful money of the United States of America,
for the payment of which well and truly to be made, we bind
ourselves, our heirs, executors, administrators, successors and
assigns, jointly and severally, firmly by these presents.

WHEREAS, Estridge Development Co., Inc.
has agreed to construct in Pinehurst Village, Section One Subdivision,
in Hamilton County, Indiana the following
improvements:

Storm Sewers and Erosion Control and SSD

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvements herein described and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety, upon receipt of a resolution of the County Board indicating that the improvements have not been installed or completed, will complete the improvements or pay to the municipality such amount up to the Principal amount of this bond which will allow the municipality to complete the improvements.

Signed, sealed and dated, this 26th day of February, 1997

ESTRIDGE DEVELOPMENT CO., INC.
Principal

FRONTIER INSURANCE COMPANY
Surety

By: _____

By: Alice Rhoads
Alice Rhoads, Attorney-in-Fact

State of Illinois }
County of Du Page } ss:

Or: February 26, 1997
therein, duly commissioned and sworn, personally appeared

, before me, a Notary Public in and for said County and State, residing
Alice Rhoads

known to me to be Attorney-in-Fact of Frontier Insurance Company
the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the
said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires _____



Bonnie Kruse

Notary Public

POWER OF ATTORNEY

Know All Men By These Presents: That FRONTIER INSURANCE COMPANY, a New York Corporation, having its principal office in Rock Hill, New York, pursuant to the following resolution, adopted by the Board of Directors of the Corporation on the 4th day of November, 1985:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

This Power of Attorney is signed and sealed in facsimile under and by the authority of the above Resolution.

DOES HEREBY MAKE, CONSTITUTE AND APPOINT: **Lewis James Scheer Michael J. Scheer Alice Rhoads James I. Moore Bonnie Kruse Stephen T. Kazmer Dawn L. Morgan**

La Grange of Illinois, in the State of Illinois

its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred in its name, place and stead to sign, execute, acknowledge and deliver in its behalf, and as its act and deed, without power of redelegation, as follows:

Bonds guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed; IN AN AMOUNT NOT TO EXCEED THREE MILLION FIVE HUNDRED THOUSAND (\$3,500,000.00) DOLLARS; and to bind FRONTIER INSURANCE COMPANY thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of FRONTIER INSURANCE COMPANY, and all the acts of said Attorney(s)-in-Fact pursuant to the authority herein given are hereby ratified and confirmed.

In Witness Whereof, FRONTIER INSURANCE COMPANY of Rock Hill, New York, has caused this Power of Attorney to be signed by its President and its Corporate seal to be affixed this 18th day of June, 1990.

FRONTIER INSURANCE COMPANY

State of New York
 County of Sullivan

ss.:

18th

June

90



BY:

Walter A. Rhulen
 WALTER A. RHULEN, President

On this 18th day of June, 1990, before the subscriber, a Notary Public of the State of New York in and for the County of Sullivan, duly commissioned and qualified, came WALTER A. RHULEN of FRONTIER INSURANCE COMPANY to me personally known to be the individual and officer described herein, and who executed the preceding instrument, and acknowledged the execution of the same, and being by me duly sworn, deposed and said, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of the Company, and the Corporate Seal and signature as an officer were duly affixed and subscribed to the said instrument by the authority and direction of the Corporation, and that the resolution of the Company, referred to in the preceding instrument, is now in force.

In Testimony Whereof, I have hereunto set my hand, and affixed my official seal at Rock Hill, New York, the day and year above written.



Christine I. Lane

CHRISTINE I. LANE
 Notary Public State of New York
 Sullivan County Clerk's No. 1996
 Commission Expires May 2, 1998

CERTIFICATION

I, JOSEPH P. LOUGHLIN, Secretary of FRONTIER INSURANCE COMPANY of Rock Hill, New York, do hereby certify that the foregoing Resolution adopted by the Board of Directors of this Corporation and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolution and the Powers of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the facsimile seal of the corporation this 26th day of February, 1997.



Joseph P. Loughlin
 JOSEPH P. LOUGHLIN, Secretary

CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which land alteration was accomplished State Road #32 and Little Chicago Road

Inspection Date(s): _____ Permit No. _____

Relative to plans prepared by: Stooppelwerth & Associates, Inc.
on January 21, 1997.

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

Signature Jeffery W. Darling Date: 11/13/97

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

Business Address: 9940 Allisonville Road, Fishers, IN 46038

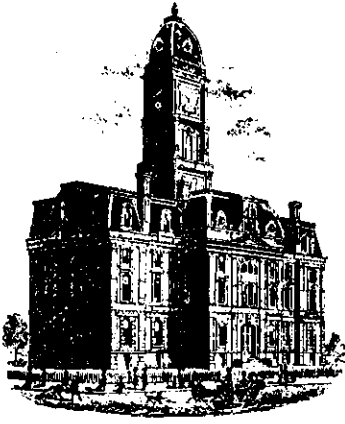
Surv. X Engr. ___ Arch. ___ Indiana Registration No. R.L.S. 900017



(SEAL)

FORMS/23970c&c

FILED
APR 27 1998
OFFICE OF HAMILTON COUNTY SURVEYOR



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

April 28, 1998

**Re: Pebble Brook Drain: Pinehurst Village
Sec. 1 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Pinehurst Village 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 were made to the drain which will alter the plans submitted with my report for this drain dated May 6, 1997. The changes are as follows:

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

824		835.14				
823	838.52	834.72	15	121	✓	125 -4
823	838.52	834.72				
822	838.5	834.55	18	28	✓	
822	838.5	834.55				
821	839.28	834.1	18	101	✓	103 -2
821	839.28	834.1				
820	837.94	833.92	18	131	✓	
820	837.94	833.92				
819	837.99	833.81	21	28	✓	
819	837.99	833.81				
810		833.19	21	143	✓	151 -8
815	838.01	834.86				
814	836.33	833.58	12	125	✓	
814	836.33	833.58				
813		833.31	15	57	✓	
811		833.1				
812		832.84	12	202	✓	
812		832.84				

EXISTING	835.16	832.46	12	34	✓	35	-1
808		833.07					
808A	840.42	833.26	21	132		138	-6
808A	840.42	833.26					
809		833.13	21	195	✓		
807		833.42					
806		832.94	18	73	✓		
804	839.37	833.41					
803		833.62	24	61	✓	55	6
805		833.24					
804	839.37	833.47	27	71	✓	76	-5
804	839.37	833.47					
802		834.04	27	196	✓	193	3
801		833.6					
800		833.71	21	33		35	
816		833.37					
817	836.78	834.35	15	43	✓	44	-1
817	836.78	834.35					
818	837.03	834.53	12	28	✓		
834		835.55					
833	837.68	834.67	12	70	✓		
833	837.68	834.67					
828	839.24	834	12	109	✓	110	
825	837.14	834.34					
826	837.55	833.43	12	133	✓	132	1
832	838.06	834.35					
831	838.08	834.3	15	28	✓		
831	838.08	834.3					
830	837.82	834.22	15	30	✓		
830	837.82	834.22					
829	837.91	834.11	18	28	✓		
829	837.91	834.11					
828	839.3	834	21	96	✓		
828	839.3	834					
826	837.55	833.43	21	193	✓	196	-3
826	837.55	833.43					
827		833.13	24	165	✓		

800, 801 +
MISSING PLACED

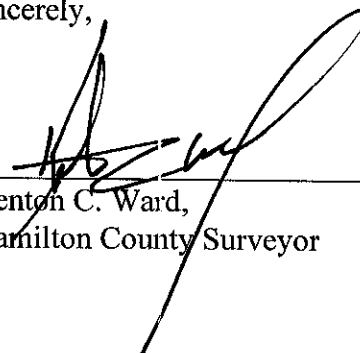
The length of the drain due to the changes described above is now **6,658 feet**.

The non-enforcement was approved by the Board at its meeting on June 23, 1997 and recorded under instrument #9709737326.

The bond or letter of credit from Frontier Insurance Company, number 104176; dated February 26, 1997; in the amount of \$124,600.00; for storm sewer, erosion control, and subsurface drainage was released January 12, 1998.

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

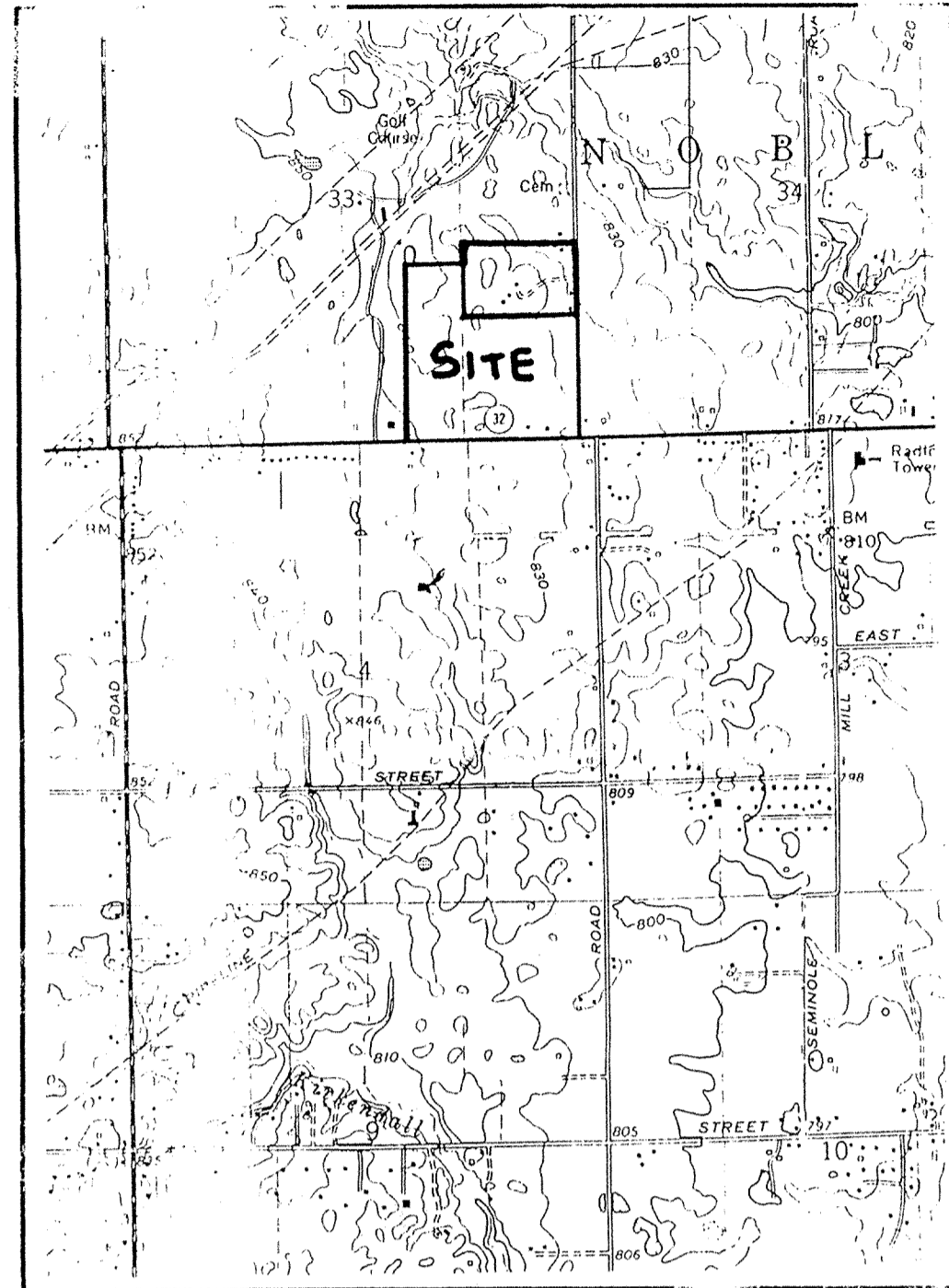
Sincerely,



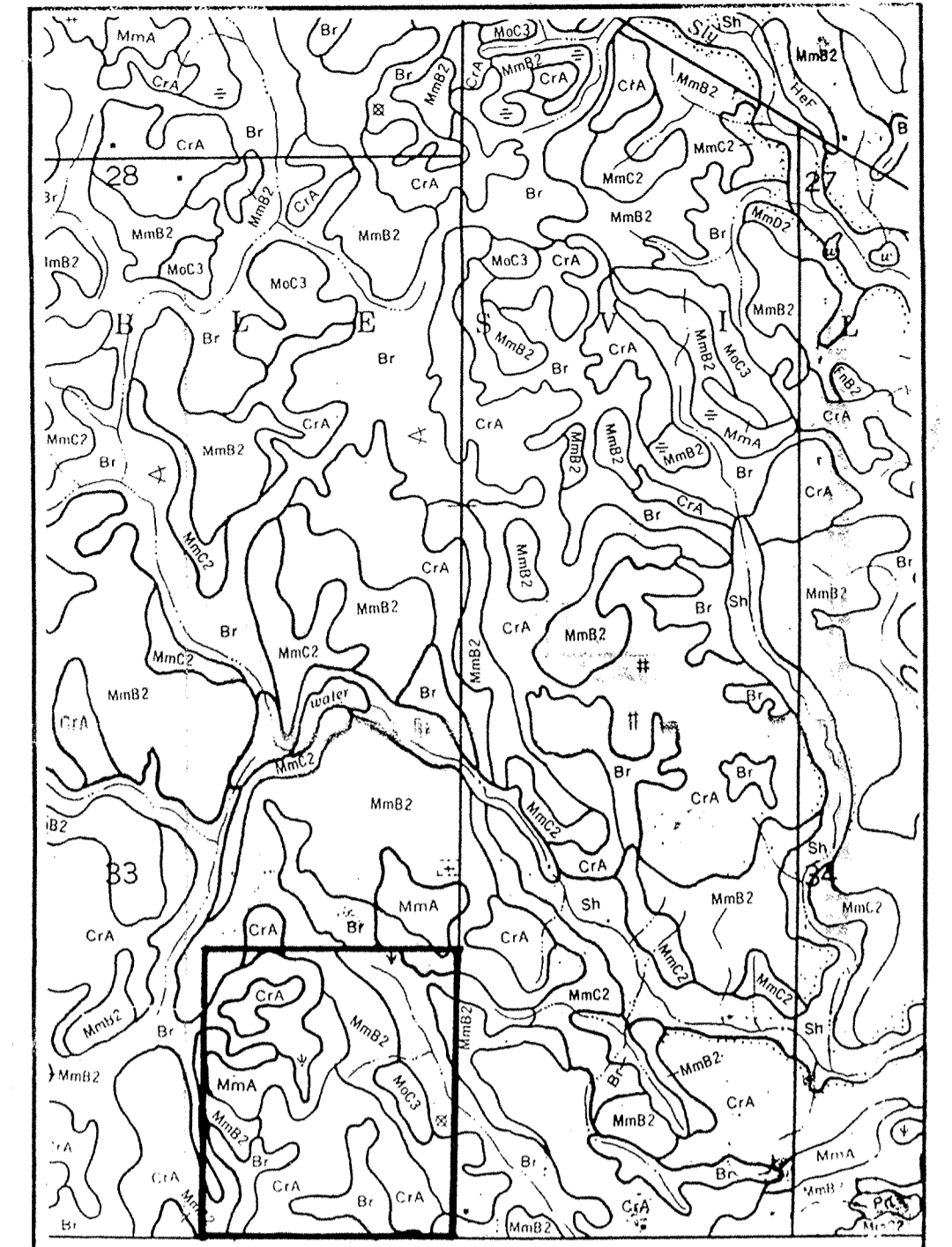
Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

PINEHURST VILLAGE SECTION ONE AT THE VILLAGES OF PEBBLE BROOK



LOCATION MAP



SOILS MAP

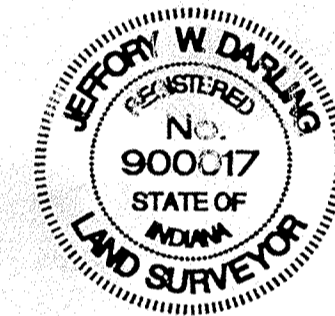
Br BROOKSTON
CrA CROSBY
MmC2 MIAMI
MmB2 MIAMI
MoC3 MIAMI
MmA MIAMI

Developed by:
ESTRIDGE DEVELOPMENT COMPANY, INC.
1041 WEST MAIN STREET
CARMEL, INDIANA 46032
(317)-582-2437

RECORD DRAWING

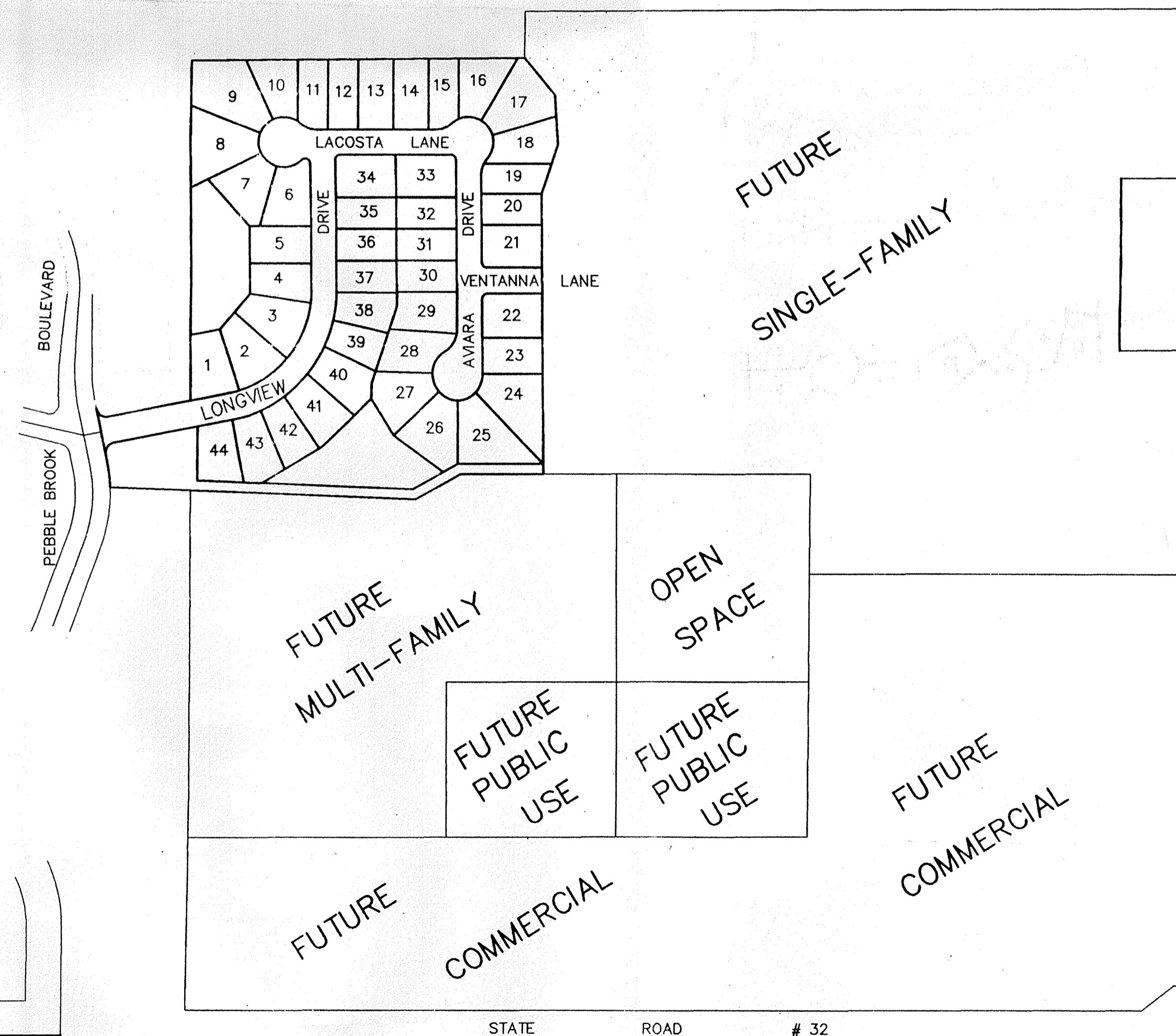
N.O.I. LETTER OPERATOR:
TIM WALTER
ESTRIDGE DEVELOPMENT COMPANY, INC.
1041 WEST MAIN STREET
PHONE: (317)-582-2456 EXT. 345

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



INDEX	
SH#	DESCRIPTION
1	COVER SHEET
2	TOPOGRAPHICAL SURVEY
3	SITE DEVELOPMENT PLAN
3a	OFFSITE DRAINAGE PLAN
4	EROSION CONTROL PLAN
5	EROSION CONTROL DETAILS & SPECS.
6	STREET PLAN & PROFILE
7	STREET PLAN & PROFILE
8	INTERSECTION DETAILS
9	SANITARY SEWER PLAN & PROFILES
10	SANITARY SEWER PLAN & PROFILES
11	STORM SEWER PLAN & PROFILES
12	STORM SEWER PLAN & PROFILES
13	STORM SEWER PLAN & PROFILES
14	WATER DISTRIBUTION PLAN
15	TRAFFIC CONTROL PLAN
16	CONSTRUCTION DETAILS
17	CONSTRUCTION DETAILS

REVISIONS	
SH#	DESCRIPTION
ALL	REV. PER T.A.C. COMMENTS 2/7/97 EEF
3a	ADD OFFSITE DRAINAGE PLAN 3/4/97 EEF
ALL	REV. SUBDVSN & STRT NM 3/12/97 TSM



PLAT MAP
SCALE: 1" = 200'

DESIGN DATA

44 LOTS	=	0.32 LOTS/ACRE
14.057 AC.		
LONGVIEW DRIVE		870.80 L.F.
LACOSTA LANE		442.98 L.F.
AVARA DRIVE		459.59 L.F.
VENTANNA LANE		117.00 L.F.

PRINTED
APR 24 1998

PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9940 ALLISONVILLE ROAD
P.O. BOX 509007
INDIANAPOLIS, INDIANA 46250
PHONE: (317)-849-5935
FAX: (317)-849-5942

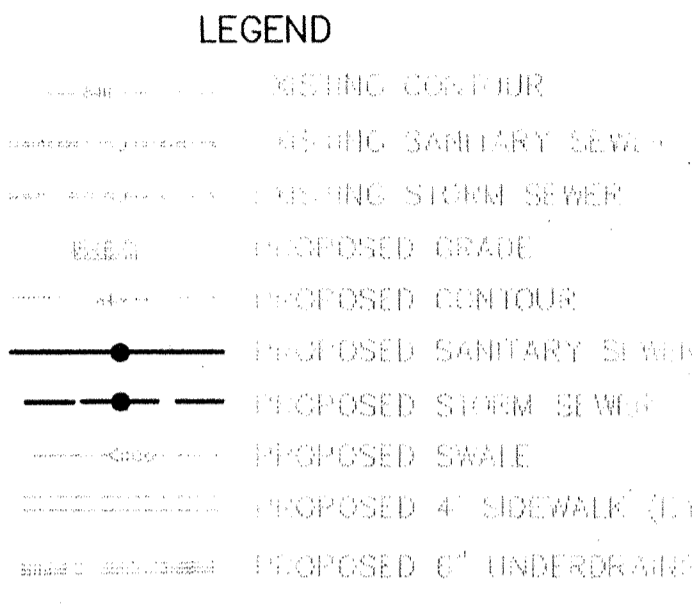
This information was gathered for input into the Hamilton County Geographic Information System. This document is considered an official record of the GIS.

Entry Date: 3-9-04
Entered by: JDH

PLANS CERTIFIED BY:
David J. Stoepfelwerth
DAVID J. STOEPPELWERTH
PROFESSIONAL ENGINEER
NO. 19358
DATE: 1/21/97

OFFICE OF HAMILTON COUNTY SURVEYOR
APR 27 1998

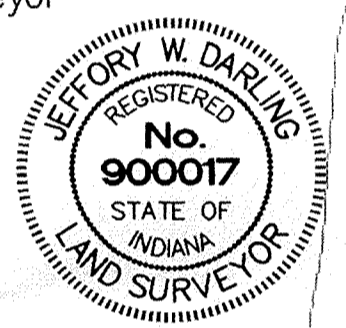
- EARTHWORK:**
- EXCAVATION**
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Provide and place any additional fill material from offsite as may be necessary to produce the grades 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**
 - 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**
 - 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.
 - 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**
 - Removal of topsoil to a depth of 6 inches (or more if required by Engineer) from all area 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**
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - 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 1-800-362-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - SITE GRADING**
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - 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.
 - 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.



LOT NUMBER
35
PAD ELEVATION
853.0
TYPICAL PAD SIZE 45'x65'
UNLESS OTHERWISE NOTED
DI NOTES PADS OF 25'-0" OR
FULL OR MORE
DENOTES REDUCED PAD SIZE
(SEE DIMENSIONS)

RECORD DRAWING

Jeffrey W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017



11/26/11
DATE

NOTE:
CONCRETE SLAB CONSTRUCTION ONLY.
NO SWALE UNDERDRAINS REQUIRED.

STORM SEWER TABLE

STATIONING	INLET	OUTLET	INVERTS
800**	Manhole End Section*	817.00	833.91
801	Manhole End Section*		833.80
802**	Manhole End Section*		833.80
803**	Manhole End Section*		833.58
804	Manhole	819.50	833.41
805	Manhole		833.20
806	Manhole End Section*		833.20
807**	Manhole End Section*		833.42
808**	Manhole End Section*		833.20
809**	Manhole End Section*		833.20
810	Manhole End Section*		833.20
811**	Manhole End Section*		833.20
812	Manhole	816.50	833.09
813	Manhole End Section*		833.20
814	Manhole	816.50	833.47
815	Manhole	817.91	834.80
816	Manhole		833.80
817	Manhole	816.85	833.93
818	Manhole	816.85	834.01
819	Manhole	817.88	833.85
820	Manhole	818.88	833.73
821	Manhole		834.12
822	Manhole	818.33	834.51
823	Manhole	818.46	834.59
824	Manhole End Section*		834.97
825	Manhole	817.30	834.19
826	Manhole	817.89	833.53
827	Manhole		833.20
828	Manhole	819.50	833.92
829	Manhole	817.75	834.11
830	Manhole	817.75	834.19
831	Manhole	818.35	834.28
832	Manhole	818.35	834.36
833	Manhole	837.00	834.58
834**	Manhole End Section*		835.63

* DENOTES METAL END SECTIONS MAY BE SUBSTITUTED W/ CONCRETE END SECTIONS
** DENOTES BRUSH GUARD TO BE INSTALLED ON THIS STRUCTURE.

BENCHMARK:
HAM-35-Aluminum Disc, N-Handwell Set-N-Conc.
more or less 75 feet West of Asphalt. Access
Drive South of Soccer Field HAZEL DELL ELEMENTARY
SCHOOL.
ELEV = 836.28

LAKE SECTION "A"- "A"

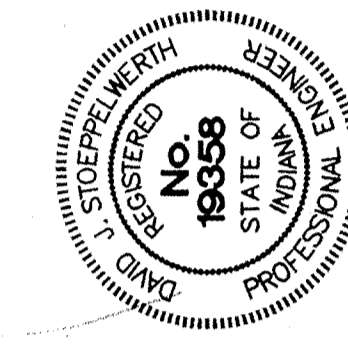
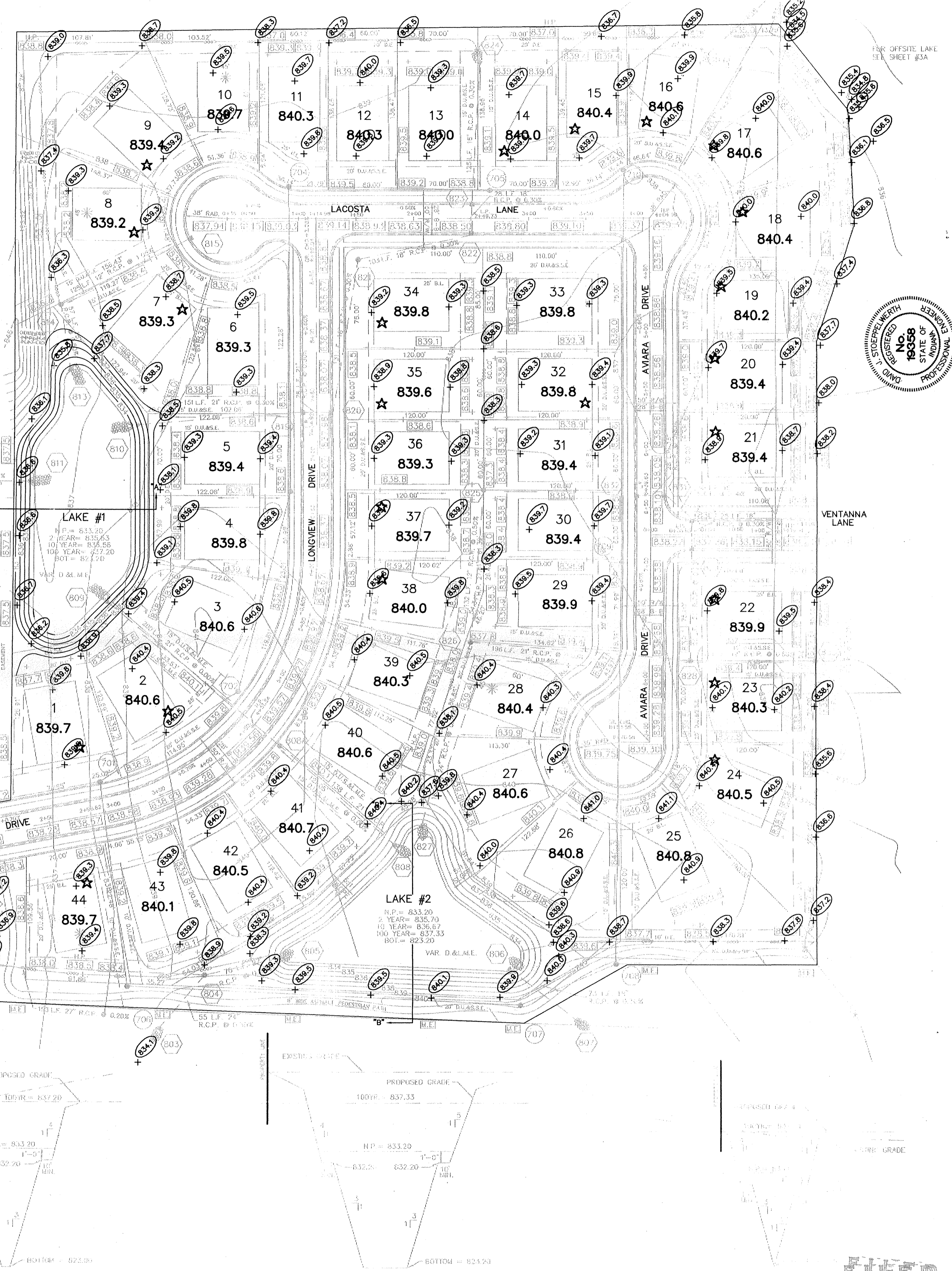
SCALE: 1" = 50' HOR.
1" = 5' VERT.

LAKE SECTION "B"- "B"

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

LAKE SECTION "C"- "C"

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



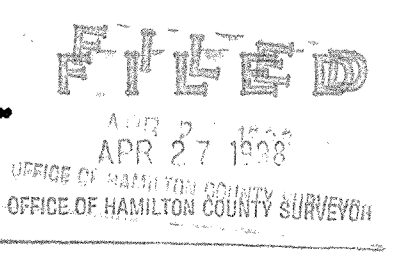
CERTIFIED: 1/21/97
David J. Stapp

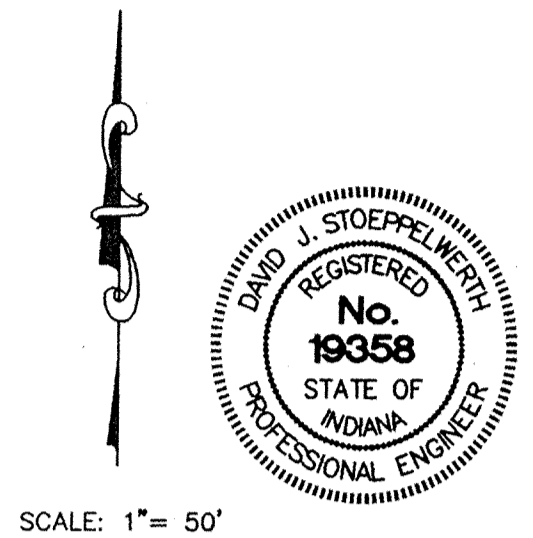
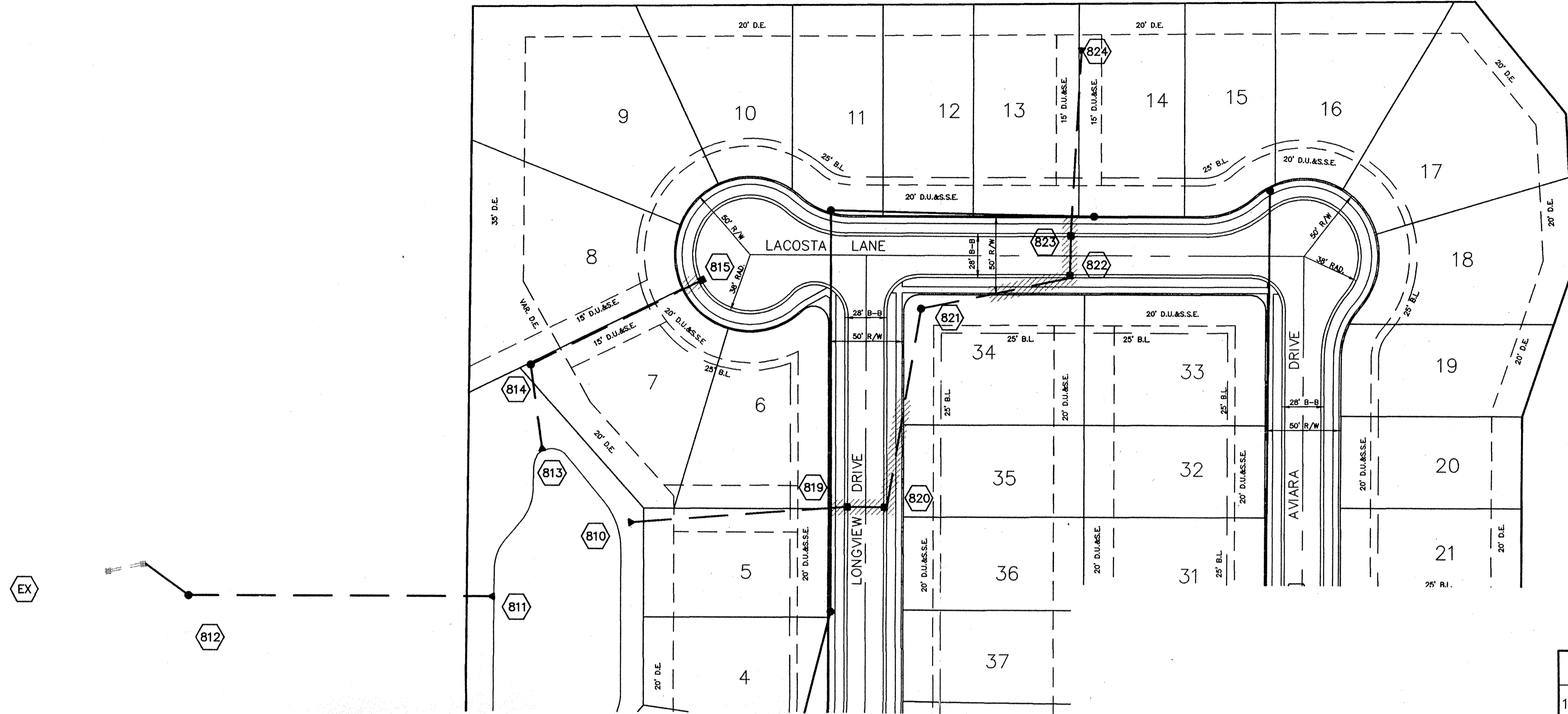
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5835 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA



SITE DEVELOPMENT PLAN
PINEHURST VILLAGE SECTION ONE
INDIANAPOLIS INDIANA

SHEET NO. 3
OF 17 SHEETS
JOB NO. 23970





SCALE: 1" = 50'

INLET & MANHOLE STRUCTURE TABLE

PIPE	DEPTH	MINIMUM SIZE STRUCTURE	STEPS REQUIRED
15" or LESS	0 - 3'	2' x 2' Box	No
15" or LESS	3' - 5'	2' x 3' Box	Yes
15" or 24"	3' - 5'	3' x 3' Box	Yes
ALL Pipes	5' & Deeper	Manhole	Yes
24" & Greater	ALL Depths	Manhole	Yes

* Manhole to conform to ASTM 785

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 4/17/99

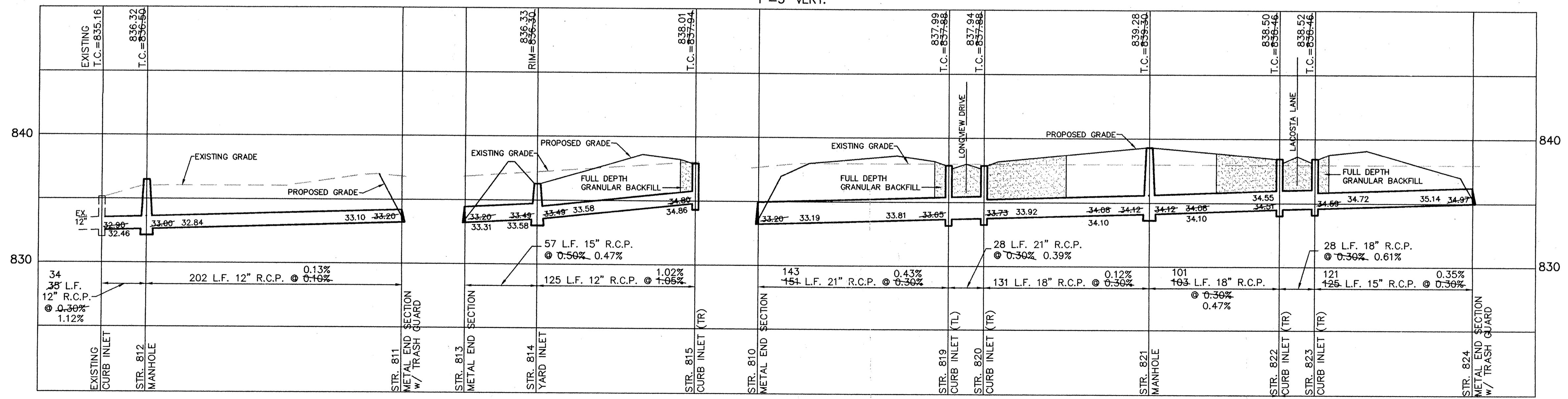


This information was gathered for input into the HydroCAD software and Information Systems. This document is considered an official record of the GIS.

Entry Date: 3-9-04

Entered by: JOH

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



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 APR 27 1999
 OFFICE OF HAMILTON COUNTY SURVEYOR

STORM SEWER PLAN & PROFILE
PINEHURST VILLAGE SECTION ONE
 NOBLESVILLE, INDIANA

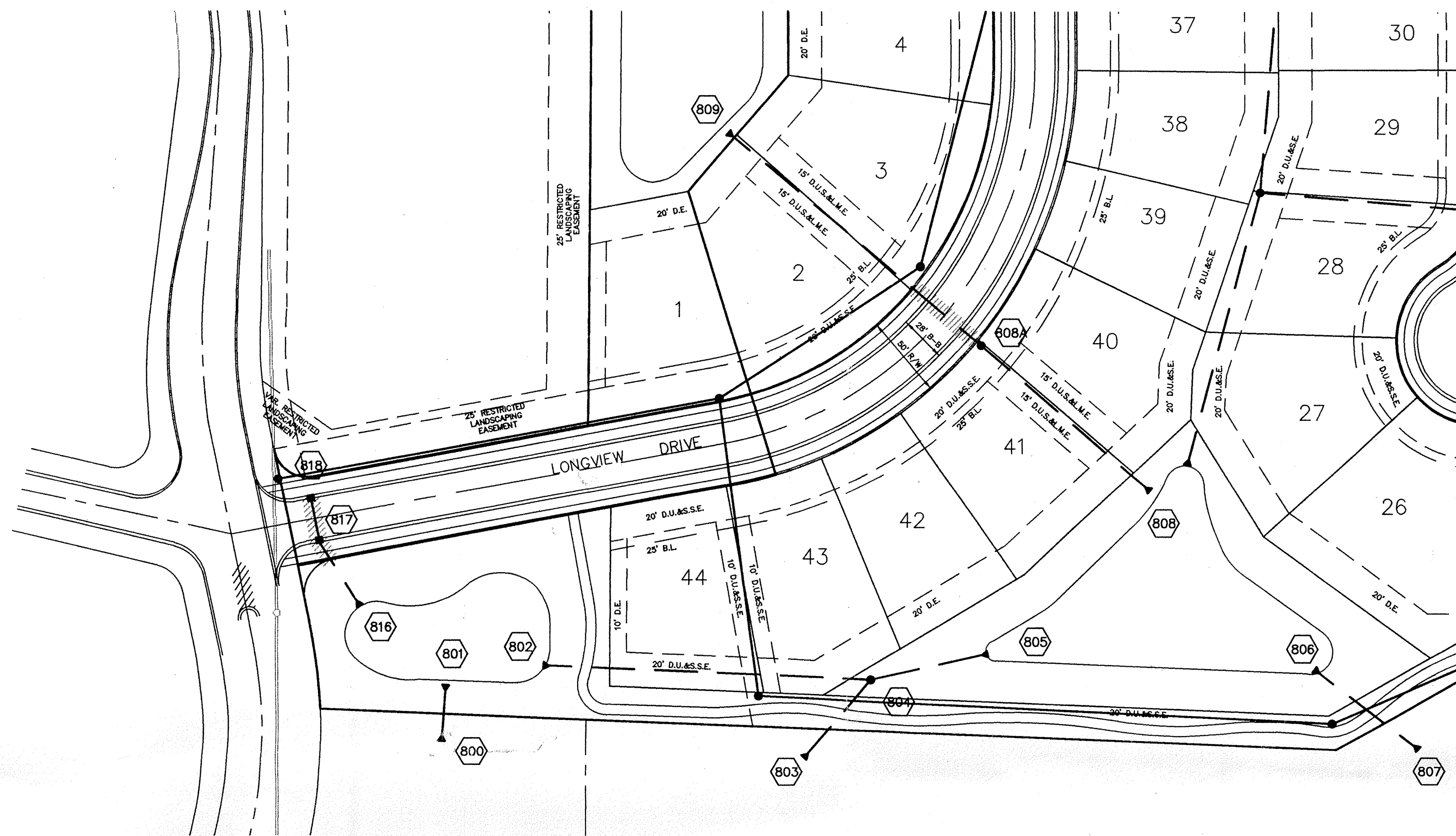
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS, INDIANA

DATE: 1/21/97
 BY: David J. Stoppewitz

REVISIONS

NO.	DATE	BY	REVISIONS
1	1/21/97	DF	AS-BUILTS
2	2/17/97	DF	REV. SLOPE BETWEEN #11 & #12
3	2/17/97	DF	REV. SUBDIVISION & STREET NAME
4	2/17/97	DF	REV. PER DEVELOPER & T.A.C. COMMENTS

SHEET NO. 11 OF 17 SHEETS
 JOB NO. 23970



SCALE: 1" = 50'

DAVID J. STOEPPEL
REGISTERED
No. 19358
STATE OF INDIANA
PROFESSIONAL ENGINEER

INLET & MANHOLE STRUCTURE TABLE

PIPE	DEPTH	MINIMUM SIZE STRUCTURE	STEPS REQUIRED
15" or LESS	0 - 3'	2' x 2' Box	No
15" or LESS	3' - 5'	2' x 3' Box	Yes
15" or 24"	3' - 5'	3' x 3' Box	Yes
ALL Pipes	5' & Deeper	Manhole	Yes
24" & Greater	ALL Depths	Manhole	Yes

* Manhole to conform to ASTM 475

RECORD DRAWING

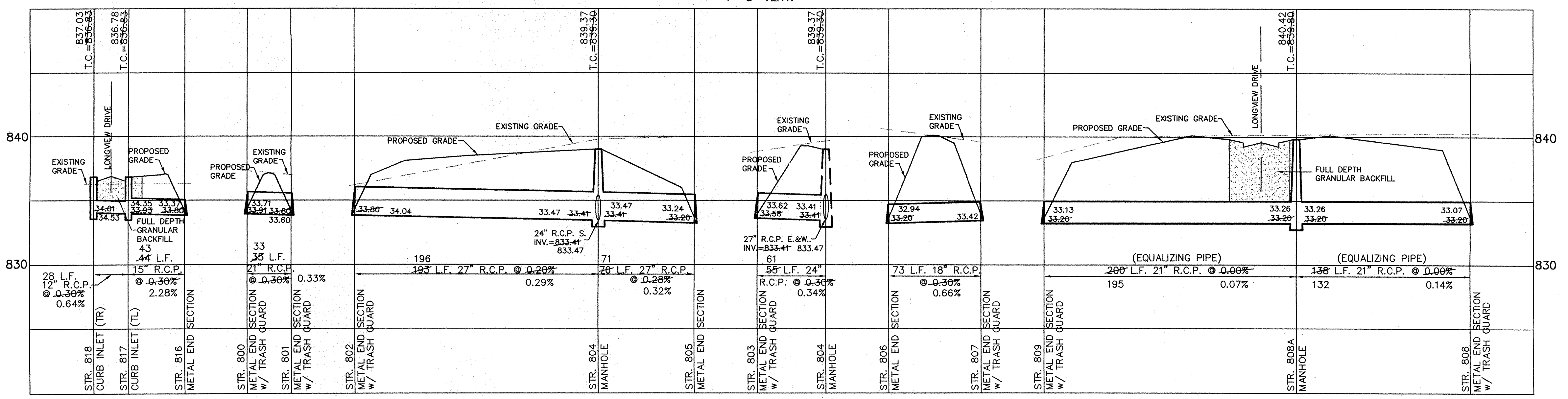
INDIANA COUNTY INDIANA
This information was gathered by me into the Hamilton County Geographic Information System. This product is considered an official record of the GIS.
Entry Date: 3-9-04
Entered by: JDH

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017
DATE 1/7/97

JEFFERY W. DARLING
REGISTERED
No. 900017
STATE OF INDIANA
LAND SURVEYOR

STRUCTURE NO. 807 WAS BUILT AND PLUGGED BY THE CONTRACTOR. THE STRUCTURE WAS PLUGGED WITH PLYWOOD, BACKFILLED WITH RIP-RAP, AND BURIED. A 2"x4" STUD WAS PLACED AT END OF STRUCTURE.

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

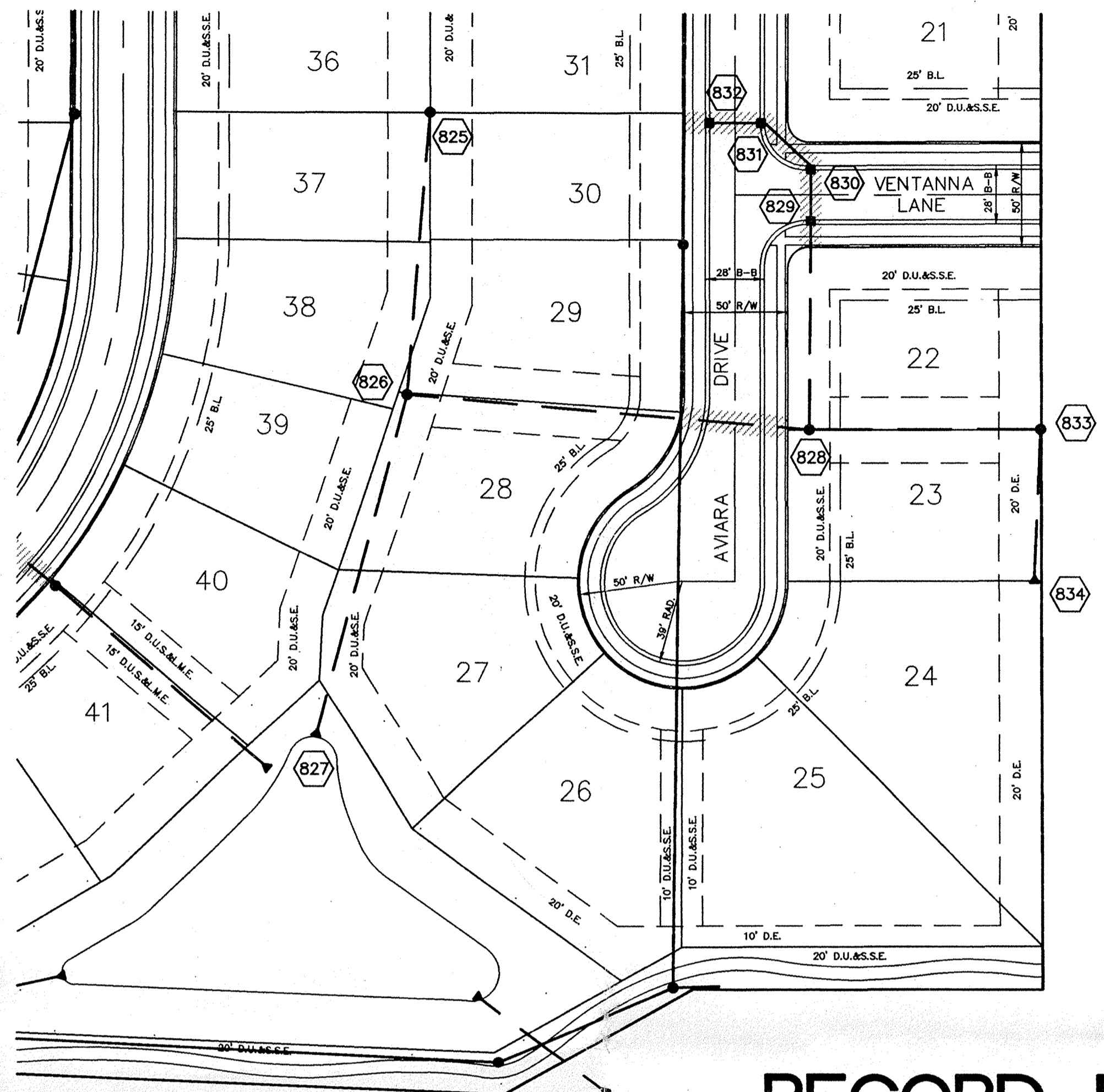


STORM SEWER PLAN & PROFILE
PINEHURST VILLAGE SECTION ONE
NOBLESVILLE INDIANA

FILED
APR 27 1998
OFFICE OF HAMILTON COUNTY SURVEYOR
SHEET NO. 12
OF 17 SHEETS
JOB NO. 23970

CERTIFIED: 1/21/97
David J. Stoeppele
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

OWN BY	KCS	DATE	REVISIONS
DESIGNED BY	EEF	1/21/97	
CHECKED BY	EEF	2/9/97	
AS-BUILTS	EEF	3/13/97	
REV. SUPERVISION & STREET NAME	EEF	2/9/97	
REV. PER DEVELOPER & T.A.C. COMMENTS	EEF	2/9/97	



SCALE: 1" = 50'

INLET & MANHOLE STRUCTURE TABLE

PIPE	DEPTH	MINIMUM SIZE STRUCTURE	STEPS REQUIRED
15" or LESS	0 - 3'	2' x 2' Box	No
15" or LESS	3' - 5'	2' x 3' Box	Yes
15" or 24"	3' - 5'	3' x 3' Box	Yes
ALL Pipes	5' & Deeper	Manhole	Yes
24" & Greater	ALL Depths	Manhole	Yes

* Manhole to conform to ASTM 475

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017

11/2/97
 DATE



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: 3-9-04
 Entered by: JDH

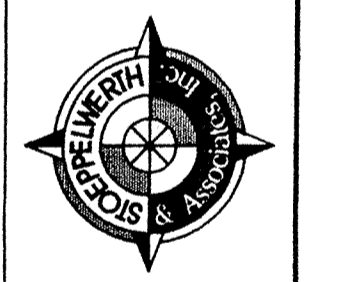
CERTIFIED: 1/21/97

David J. Stappewest

DATE	REVISIONS
1/21/97	BY
3/13/97	DF
5/13/97	TM
8/18/97	KCS
AS-BUILTS	

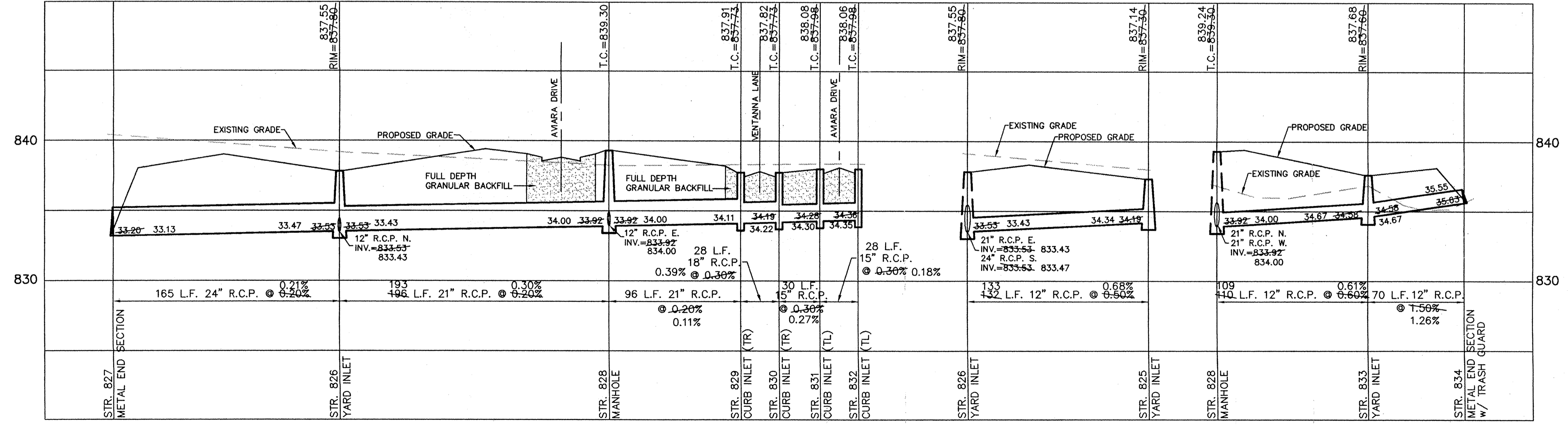
OWN BY: KCS
 OK BY: EEF
 SCALE: 1" = 50'
 DATE: 1/21/97

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 INDIANAPOLIS INDIANA



STORM SEWER PLAN & PROFILE
 PINEHURST VILLAGE SECTION ONE
 INDIANA NOBLESVILLE

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



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 APR 27 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET NO. 13
 OF 17 SHEETS
 JOB NO. 23970