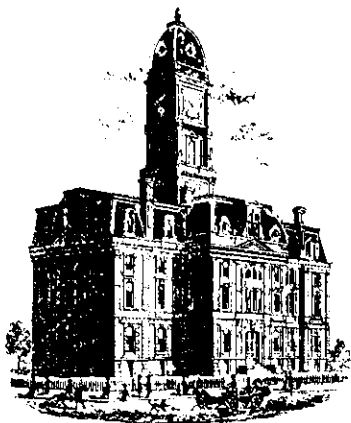


Drain: JW BRENDLE DRAIN **Drain #:** 77
Improvement/Arm: SHELBOANE PARK - SECTION 2
Operator: JDH **Date:** 10-23-03
Drain Classification: Urban/Rural **Year Installed:** 2003

GIS Drain Input Checklist

- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH 10-23
- Digitize & Attribute SSD JDH 10-23
- Digitize & Attribute Open Ditch N/A
- Sum drain lengths & Validate JDH 10-23
- Enter Improvements into Posse JDH
- Enter Drain Age into Posse JDH
- Sum drain length for Watershed in Posse JDH
- Stamp Plans JDH 10-23
- Pull Source Documents for Scanning JDH 10-23



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

April 24, 2003

To: Hamilton County Drainage Board

Re: J. W. Brendle Drain, Shelborne Park Section 2 Arm

Attached is a petition filed by Shelborne Park LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Shelborne Park Section 2 Arm, J. W. Brendle Drain to be located in Clay Township. 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	4,313 ft	15" RCP	348 ft	24" RCP	460 ft
12" RCP	382 ft	18" RCP	181 ft	27" RCP	30 ft

The total length of the drain will be 5,714 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. 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 lot 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 \$10.00 per acre for Common Areas and platted lots, \$10.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$1,959.40.

The petition has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties, which are in the form of a Performance Bond/Letter of Credit, are as follows:

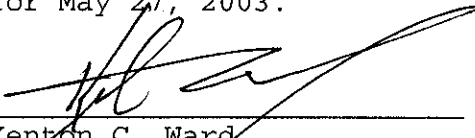
Agent: Home Federal Savings Bk	Agent: Home Federal Savings Bk
Date: July 26, 2002	Date: April 8, 2003
Number: 99000202111(4)	Number: 99000202111(5)
For: Erosion Control	For: Storm Sewers
Amount: \$13,350.00	Amount: \$61,381.00

Parcels assessed for this drain may be assessed for the Long Branch 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 that 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 Shelborne Park Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for May 27, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

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

In the matter of Shelborne Park 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 Shelborne Park, Section Two, 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 benefitted 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.

FILED

JAN 31 2003

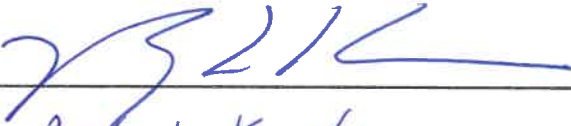
OFFICE OF HAMILTON COUNTY SURVEYOR

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 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 Petitioner cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.



 Roger L. Kessler
 Printed Name

 Authorized Member
 Starbarn Park, LLC
 Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE 1/27/03

FINDINGS AND ORDER

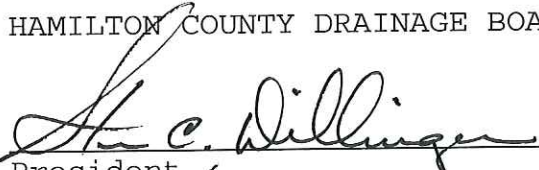
CONCERNING THE MAINTENANCE OF THE

J. W. Brendel Drain, Shelborne Park Section 2 Arm

On this *27th day of May 2003*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *J. W. Brendel Drain, Shelborne Park Section 2 Arm*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 

Lynette Masbaum



CONSULTING ENGINEERS
LAND SURVEYORS

R.M. Stoeppelwerth, PE, PLS • David J. Stoeppelwerth, PE, PLS • Curtis C. Huff, PLS • Dennis D. Olmstead, PLS • Jeffery W. Darling, PLS

April 10, 2003

Hamilton County Surveyor
One Hamilton County Square
Suite 188
Noblesville, Indiana 46060

Attention: Jenny Chapman

Re: Shelborne Park, Section 2

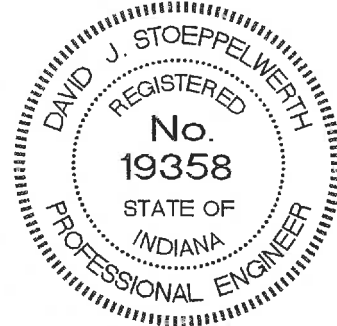
Dear Mrs. Chapman:

Please accept the following Engineer's Estimate for Shelborne Park, Section 2. The original estimates provided to your office on January 29, 2003 should be disregarded and replaced with the current information. The estimates are as follows:

Storm, including Sub-Surface Drains	\$61,381.00
Monumentation	\$1,040.00

Witness my signature this 10th day of April, 2003.

David J. Stoeppelwerth
Professional Engineer
No. 19358



Cc: John Maren
S/42265/Agency





IRREVOCABLE STANDBY LETTER OF CREDIT

ISSUE DATE: July 26, 2002

ISLOC No. 99000202111(4)

BENEFICIARY:

APPLICANT:

Hamilton County Board of Commissioners
RE: Erosion Control, Section 2 at
Shelborne Park

Shelborne Park, LLC
10200 Lantern Road
Fishers, IN 46038

AMOUNT: \$ 13,350.00

EXPIRATION DATE: July 26, 2003

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. 99000202111(4) in your favor for the account of Shelborne Park, LLC, in the amount of **\$13,350.00**, available upon presentation of your draft(s) drawn on Home Federal Savings Bank at sight and accompanied by:

- (1) A statement executed by an authorized officer of the Hamilton County Board of Commissioners certifying that Shelborne Park, LLC, has failed to perform its obligation and that such failure entitles Hamilton County Board of Commissioners to draw on Irrevocable Standby Letter of Credit Number 99000202111(4); and
- (2) Original of this Irrevocable Standby Letter of Credit.

We engage with you that draft(s) drawn under and in accordance with the terms of this Letter of Credit shall be duly honored upon presentation and delivery of documents as specified above if drawn and negotiated on or before the expiration date indicated above.

Draft(s) must be marked "Drawn on Home Federal Savings Bank, Irrevocable Standby Letter of Credit Number 99000202111(4)."

Except so far as otherwise stated, this Irrevocable Standby Letter of Credit is subject to the "Uniform Customs and Practice for Documentary Credit (1994) Revision," International Chamber of Commerce Publication No. 400.

HOME FEDERAL SAVINGS BANK

A. Edward Mantel, Jr.
Assistant Vice President

HCDB-2003-00026



IRREVOCABLE STANDBY LETTER OF CREDIT

ISSUE DATE: April 8, 2003

ISLOC No. 99000202111(5)

BENEFICIARY:

APPLICANT:

Hamilton County Board of Commissioners
RE: Storm Water System including
installation and materials of Phase II
at Shelborne Park

Shelborne Park, LLC
10200 Lantern Road
Fishers, IN 46038

AMOUNT: \$61,381.00

EXPIRATION DATE: October 8, 2004

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. 99000202111(5) in your favor for the account of Shelborne Park, LLC, in the amount of **\$61,381.00**, available upon presentation of your draft(s) drawn on HomeFederal Bank at sight and accompanied by:

- (1) A statement executed by an authorized officer of the Hamilton County Board of Commissioners certifying that Shelborne Park, LLC, has failed to perform its obligation and that such failure entitles Hamilton County Board of Commissioners to draw on Irrevocable Standby Letter of Credit Number 99000202111(5); and
- (2) Original of this Irrevocable Standby Letter of Credit.

We engage with you that draft(s) drawn under and in accordance with the terms of this Letter of Credit shall be duly honored upon presentation and delivery of documents as specified above if drawn and negotiated on or before the expiration date indicated above.

Draft(s) must be marked "Drawn on HomeFederal Bank, Irrevocable Standby Letter of Credit Number 99000202111(5)."

Except so far as otherwise stated, this Irrevocable Standby Letter of Credit is subject to the "Uniform Customs and Practice for Documentary Credit (1994) Revision," International Chamber of Commerce Publication No. 400.

HomeFederal Bank

A. Edward Mantel, Jr.
Assistant Vice President

10204 Lantern Road
Fishers, IN 46038

317-842-9059
fax 317-842-9067

www.homf.com

RELEASED 9-8-03

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **Shelborne Park, Section 2**

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer 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.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.

Signature: Jeffery W. Darling Date: September 2, 2003

Type or Print Name: Jeffery W. Darling

Business Address: Stoepelwerth & Associates, Inc.

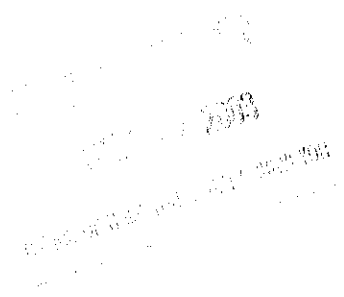
9940 Allisonville Road, Fishers, Indiana 46038

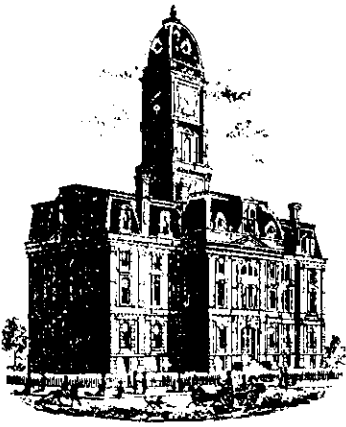
Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017





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

October 23, 2003

Re: JW Brendle Drain-Shelborne Park Sec. 2

Attached are as-builts, certificate of completion & compliance, and other information for Shelborne Park 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 April 24, 2003. The report was approved by the Board at the hearing held May 27, 2003. (See Drainage Board Minutes Book 6)

The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade	Original:	Difference:
847	913.56	909.64					
846	913.56	908.94	24	198	0.35	230	-32
846	913.56	908.94					
837	913.19	908.48	24	230	0.2		
837	913.19	908.48					
existing	913.2	908.3	27	30	0.6		
843	912.89	910.66					
842	914.01	910.16	12	137	0.36	140	-3
842	914.01	910.16					
841	914.06	910.04	15	30	0.4		
841	914.06	910.04					
837	913.19	908.48	15	153	1.02		
845	913.82	910.67					
844	913.97	910.46	12	32	0.66		
844	913.97	910.46					
842	914.1	910.16	12	26	1.15		
839	914.14	910.8					
838	914.14	910.63	12	30	0.57		
838	914.14	910.63					
837	913.19	908.48	12	154	1.4		
852	941.23	910.56					
851	914.21	910.46	15	30	0.33		

851	914.21	910.46						
847	913.56	909.64	18	151	0.54	missed		151
850		911.23						
849	914.38	910.55	15	134	0.51	135		-1
849	914.38	910.55						
848	914.24	910.43	18	30	0.4			
848	914.24	910.43						
847	913.56	909.64	18	151	0.52			

6" SSD Streets:

Lance	435
Bellshire & Beckwith	1733
x2	

Total: 4336

RCP Pipe Totals:

12	379
15	347
18	332
24	428
27	30

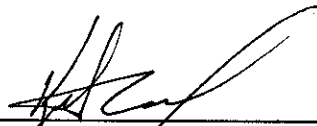
The length of the drain due to the changes described above is now **5852 feet**.

The non-enforcement was approved by the Board at its meeting on May 27, 2003 and recorded under instrument #200300093873.

The bond or letter of credit from Home Federal Savings Bank, number 99000202111(5); dated April 8, 2003; in the amount of \$61,381 for storm sewers; was released September 8, 2003. Also, the bond or letter of credit from Home Federal Savings Bank, number 99000202111(4); dated July 26, 2002; in the amount of \$13,350 for erosion control; was released September 8, 2003.

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

Sincerely,

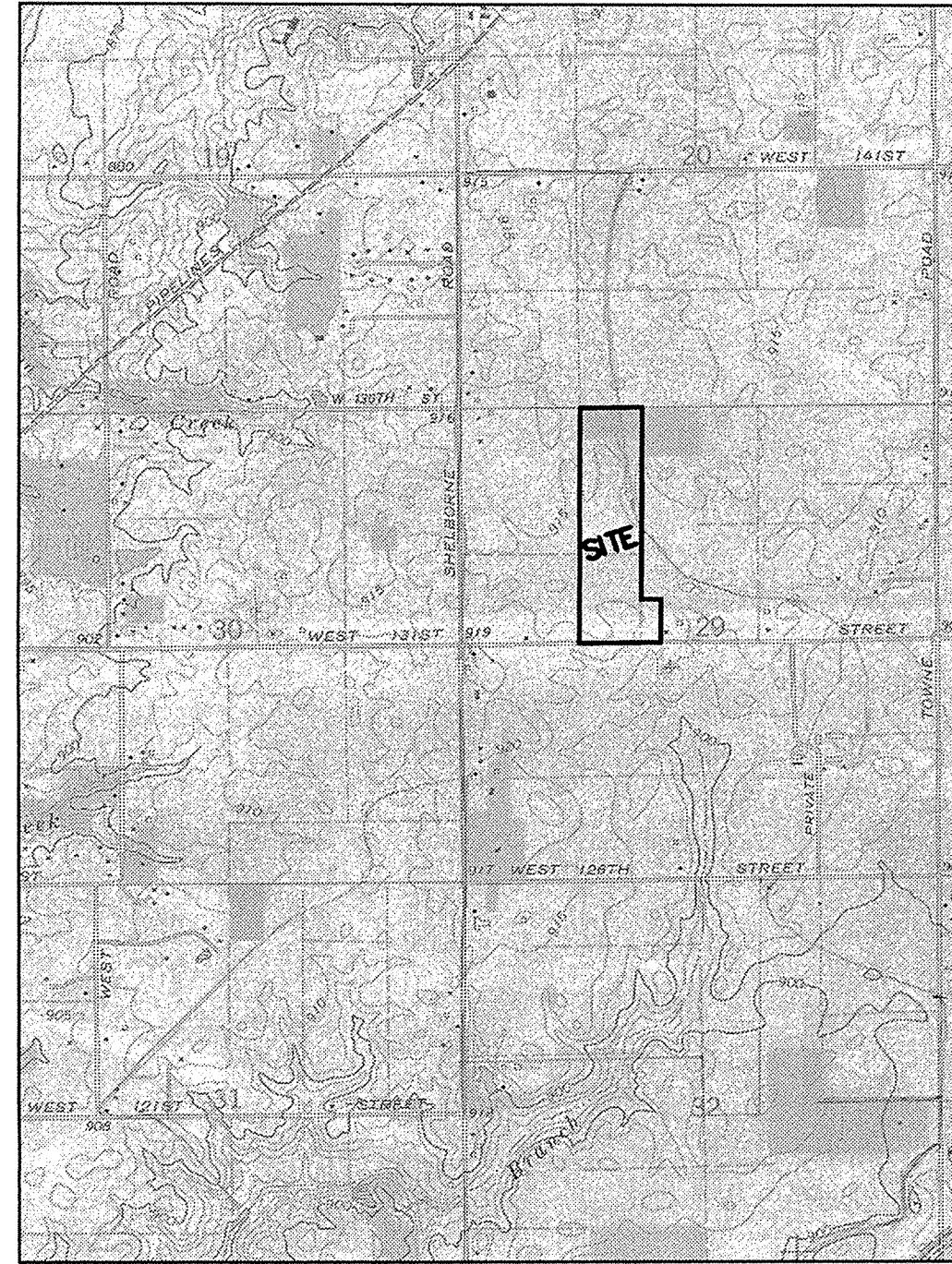


 Kenton C. Ward,
 Hamilton County Surveyor

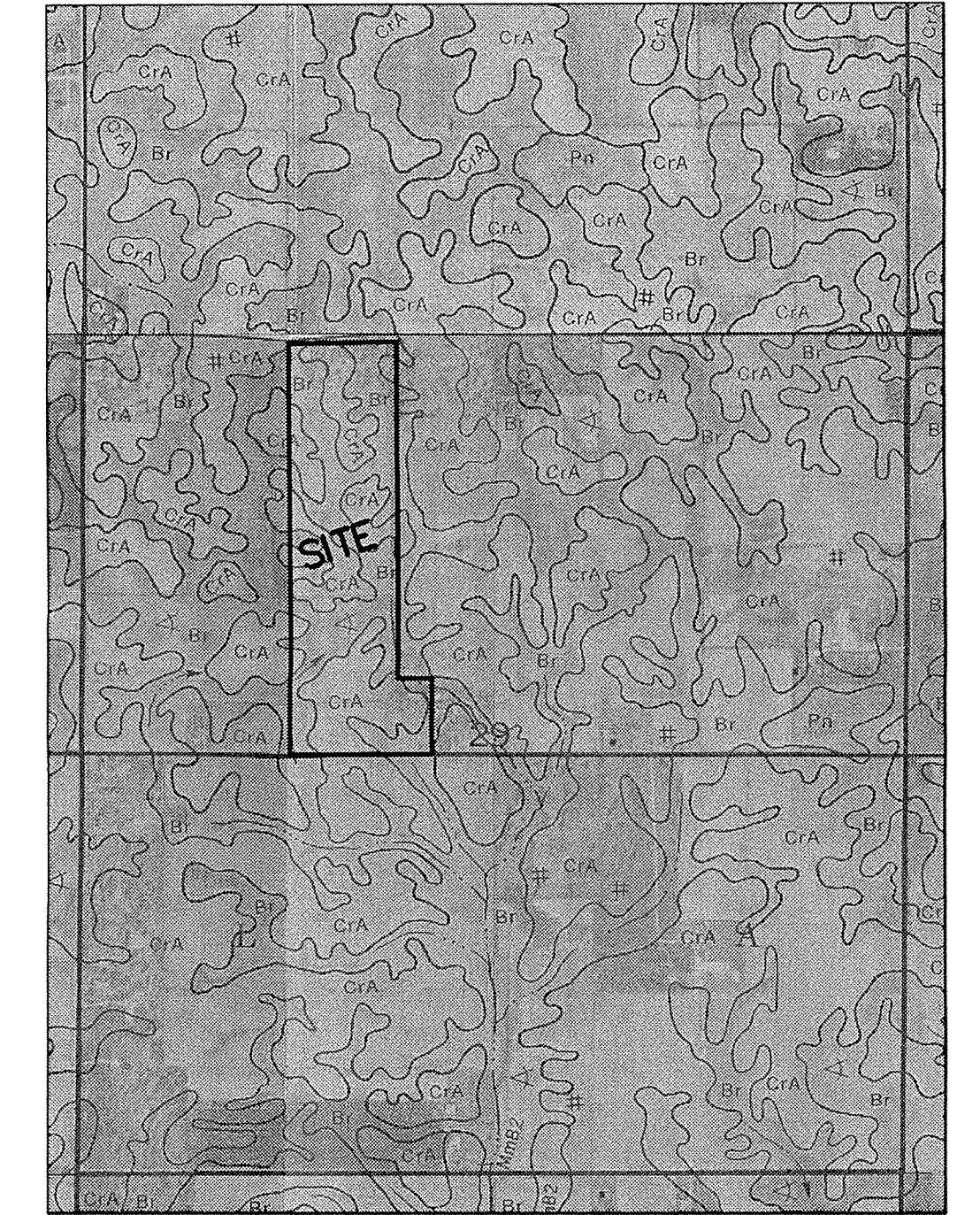
KCW/slm

SHELBORNE PARK SECTION TWO

Developed by:
SHELBORNE PARK, L.L.C.
10200 LANTERN ROAD
FISHERS, INDIANA 46038
(317)-570-7250
CONTACT PERSON: ROGER KESSLER



LOCATION MAP



SOILS MAP

CrA CROSBY SILT LOAM
Br BROOKSTON
MmB2 MIAMI SILT LOAM

OPERATOR ON N.O.I. LETTER
ROGER KESSLER
SHELBORNE PARK, L.L.C.
10200 LANTERN ROAD
FISHERS, IN 46038

SITE DATA

LARGEST LOT	16,874 sq.ft.
SMALLEST LOT	13,194 sq.ft.
AVERAGE LOT SIZE	14,650 sq.ft.
TOTAL LOTS	27
TOTAL ACRES	17.391 Ac.
GROSS DENSITY	1.55 U/A
TOTAL COMMON AREA	5.823 Ac.±
TOTAL OPEN SPACE (OSP)	5.823 Ac.±
PRESENT ZONING	S-1

INDEX

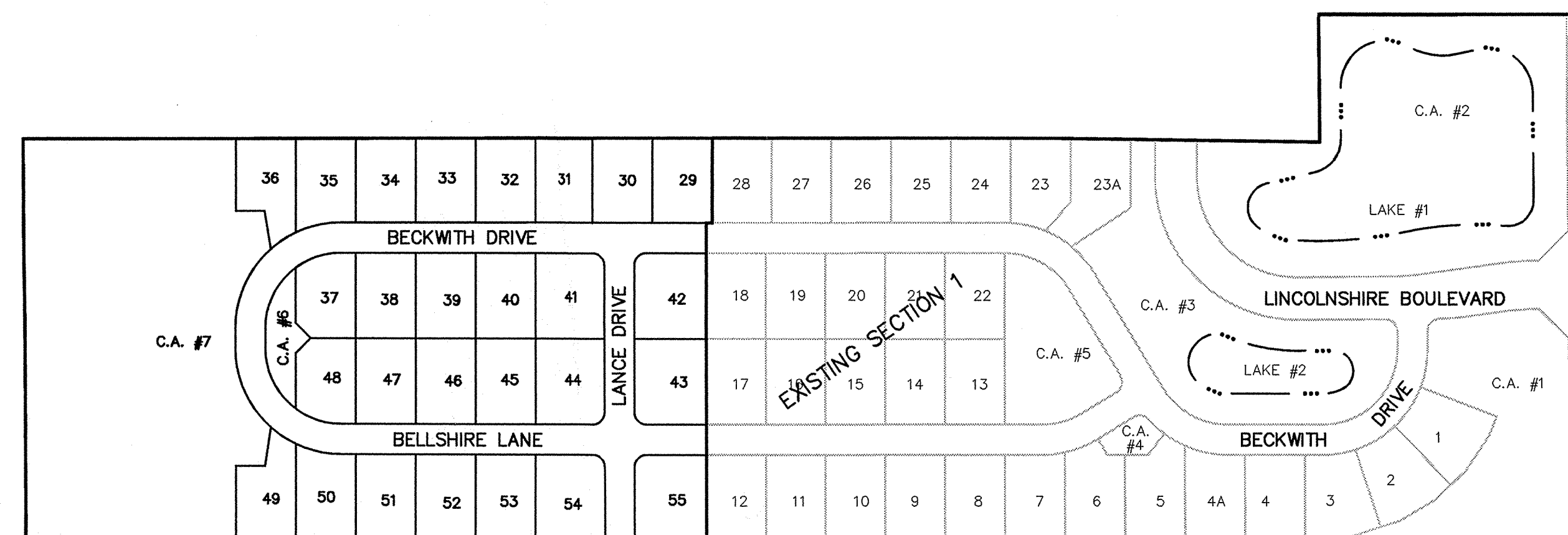
SHT.	DESCRIPTION
1	COVER SHEET
2	TOPOGRAPHICAL SURVEY
3	SITE DEVELOPMENT PLAN
4	EROSION CONTROL PLAN
5	EROSION CONTROL SPECIFICATIONS
6	STREET PLAN & PROFILE
7	STREET PLAN & PROFILE
8	INTERSECTION DETAILS
9	LANDSCAPING PLAN
10	TRAFFIC CONTROL PLAN
11	SANITARY SEWER PLAN & PROFILES
12	STORM SEWER PLAN & PROFILES
13	WATER DISTRIBUTION PLAN
14	CONSTRUCTION DETAILS
15	CONSTRUCTION DETAILS
16	CONSTRUCTION DETAILS

DESIGN DATA

$$\frac{27 \text{ LOTS}}{17.391 \text{ AC.}} = 1.55 \text{ LOTS/ACRE}$$

LANCE DRIVE	497.59 L.F.
BECKWITH DRIVE	867.09 L.F.
BELLSHIRE LANE	866.87 L.F.


SPEED LIMIT: 25 M.P.H.



PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9940 ALLISONVILLE ROAD
FISHERS, INDIANA 46038
PHONE: (317)-849-5935
FAX: (317)-849-5942

REVISIONS

SHT.	DESCRIPTION
ALL	REVISED PER TAC COMMENTS 1/08/03 CRM
1	ADD SITE DATA PER CLAY REGIONAL WASTE 2/21/03 SCS



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: 10-23-03

Entered by: JDH

SCALE: 1" = 200'

RECORD DRAWING

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

8/18/03
DATE

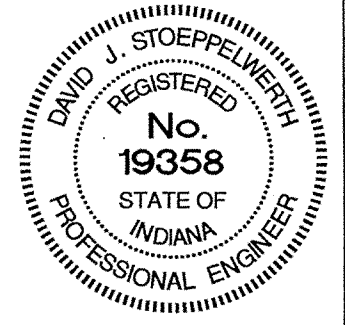


PLANS CERTIFIED BY:
David J. Stoepfelwerth 11/15/02
DAVID J. STOEPPELWERTH DATE
PROFESSIONAL ENGINEER
NO. 19358



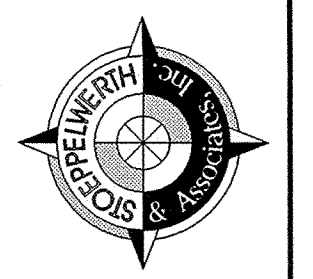
RECORD DRAWING

JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 8/18/03



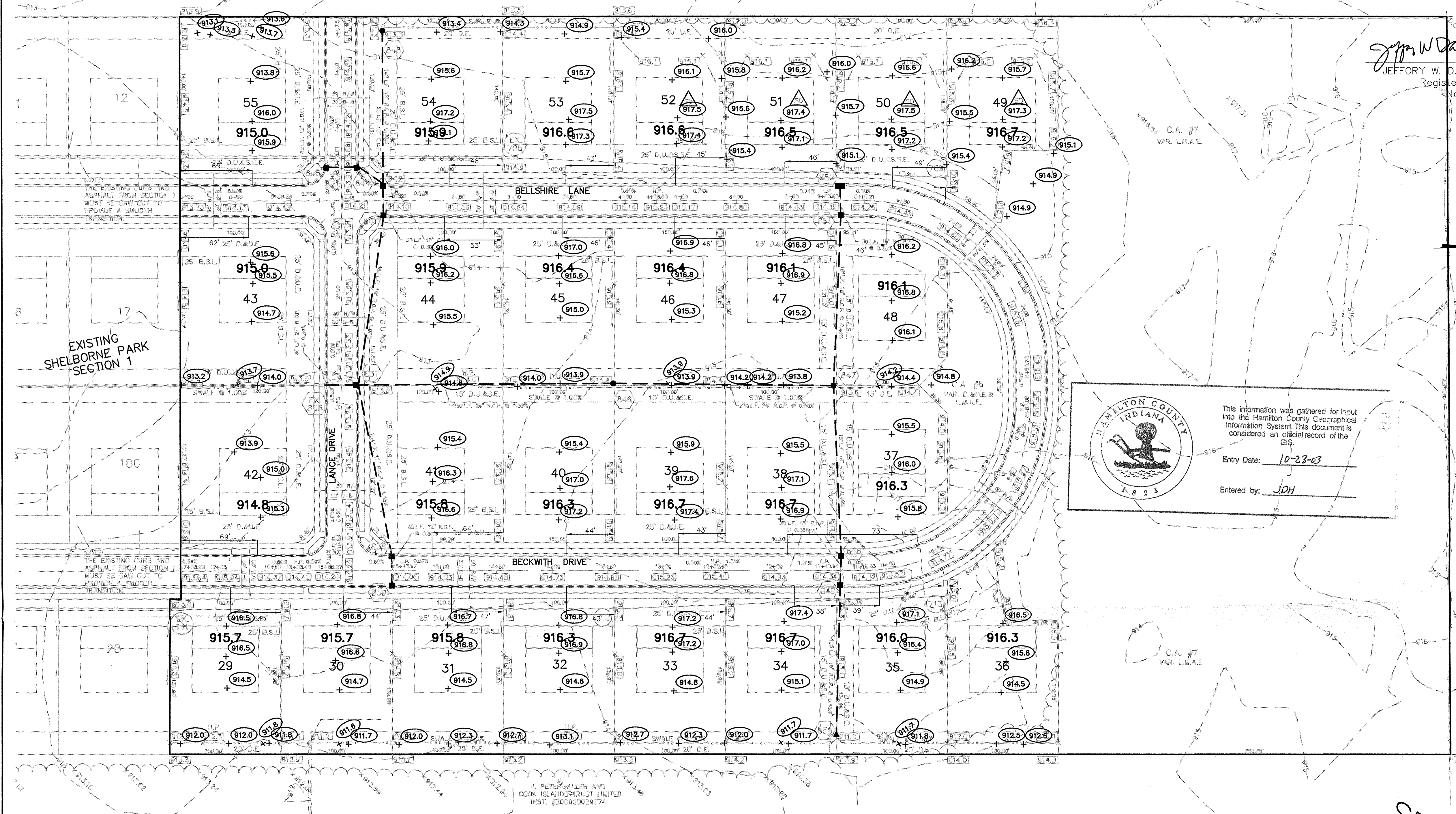
DATE	REVISIONS
11/15/02	

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



SITE DEVELOPMENT PLAN
 SHELBORNE PARK SECTION TWO
 CARVEL

SHEET NO. 3
 OF 16 SHEETS
 JOB NO. 42265



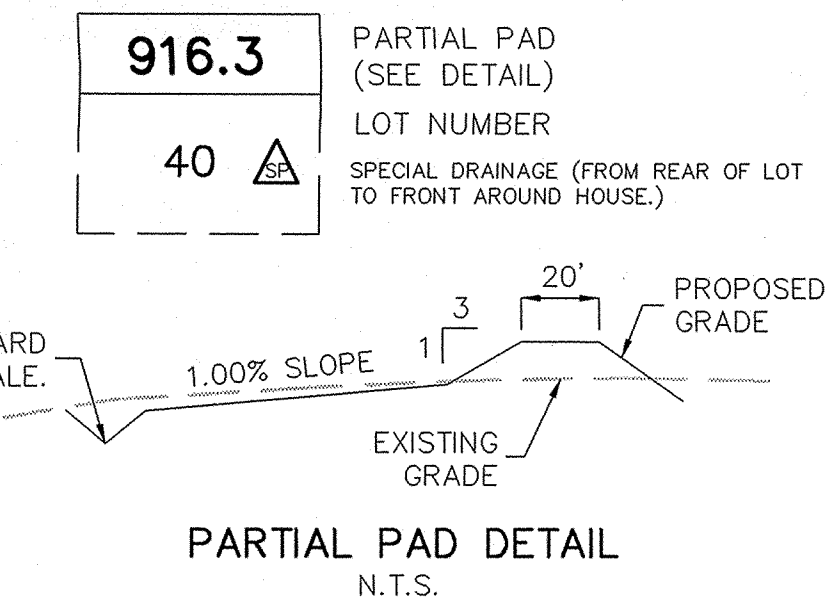
Hamilton County, Indiana seal and GIS information box.

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: 10-23-03
 Entered by: JDH

SCALE: 1" = 50'

- LEGEND**
- 846 --- EXISTING CONTOUR
 - 846 --- EXISTING SANITARY SEWER
 - 846 --- EXISTING STORM SEWER
 - 846 --- PROPOSED GRADE
 - 846 --- PROPOSED CONTOUR
 - 846 --- PROPOSED SANITARY SEWER
 - 846 --- PROPOSED STORM SEWER
 - 846 --- PROPOSED SWALE
 - 846 --- PROPOSED 4' SIDEWALK (BY HOME BUILDER)
 - 846 --- DENOTES 4" SUBSURFACE DRAIN TO LOT
 - 846 --- DENOTES 6" SUBSURFACE DRAIN
 - 846 --- ROLL CURB



BENCHMARK:
 (VERTICAL DATUM-N.A.V.D. 1988)
 DEPARTMENT OF NATURAL RESOURCES BRASS CONTROL STATION
 TABLET STAMPED "LEE 2 AZI 1989" SET IN THE TOP OF A
 CONCRETE POST LOCATED IN THE S.E. QUARTER OF THE
 INTERSECTION OF SHELBORNE ROAD AND 131ST STREET.
 ELEV.=917.52

T.B.M.#1 (S&A)
 NAIL SET ON S. SIDE OF TELEPHONE POLE ON THE S. SIDE OF
 131ST STREET APPROXIMATELY 70'± W. OF W. PROPERTY LINE
 1.5' UP FROM GROUND.
 ELEV.=916.10

T.B.M.#2 (S&A)
 NAIL SET ON THE W. SIDE OF POWER POLE ON THE S. SIDE OF
 131ST STREET APPROXIMATELY 130'± E. OF E. PROPERTY LINE
 1.5' UP FROM GROUND. POLE #55-125.
 ELEV.=906.04

S&A C.P. (M4)
 REBAR SET ON THE S. SIDE OF 131ST STREET APPROXIMATELY
 300'± E. OF W. PROPERTY LINE.
 ELEV.=911.65

- 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 and building pad. 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**
 - All topsoil shall be removed from all areas to be excavated. 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 1-800-382-5544 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 0.05 feet above established subgrade. All other areas shall not exceed 0.05 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.

NOTE: THE EXISTING CURB AND ASPHALT FROM SECTION 1 MUST BE SAW CUT TO PROVIDE A SMOOTH TRANSITION.

NOTE: SIDEWALK ADJACENT TO COMMON AREA TO BE INSTALLED BY CONTRACTOR.

NOTE: ALL OFF-SITE DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE)

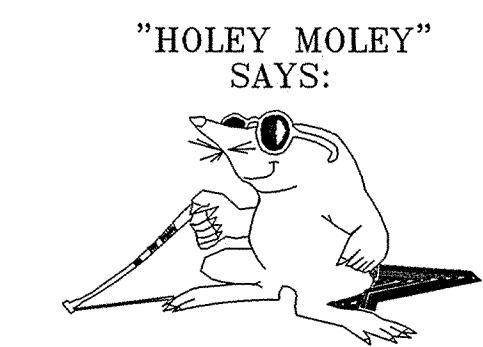
NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

NOTE: A DEBRIS GUARD SHALL BE INSTALLED ON ALL UPSTREAM OPEN ENDED INLETS

SEE RECORD DRAWING

Lot No.	Type	Tc/Rim	Inverts	Dir.
837	CURB INLET	913.21	908.35	(N)(S)(NE)(NW)
838	CURB INLET	914.06	910.59	(SW)(NE)
839	CURB INLET	914.06	910.68	(W)
841	CURB INLET	914.10	909.99	(SE)(W)
842	CURB INLET	914.10	910.08	(E)(W)(SW)
843	YARD INLET	913.30	910.50	(E)
844	CURB INLET	913.88	910.37	(NE)(S)
845	CURB INLET	913.88	910.47	(N)
846	YARD INLET	913.40	909.04	(N)(S)
847	YARD INLET	913.60	909.64	(S)(W)(E)
848	CURB INLET	914.06	910.33	(E)(W)
849	CURB INLET	914.34	910.00	(E)(W)
850	* CONCRETE END SECTION		911.00	
851	CURB INLET	914.19	910.29	(W)
852	DOUBLE CURB INLET	914.19	910.38	(W)

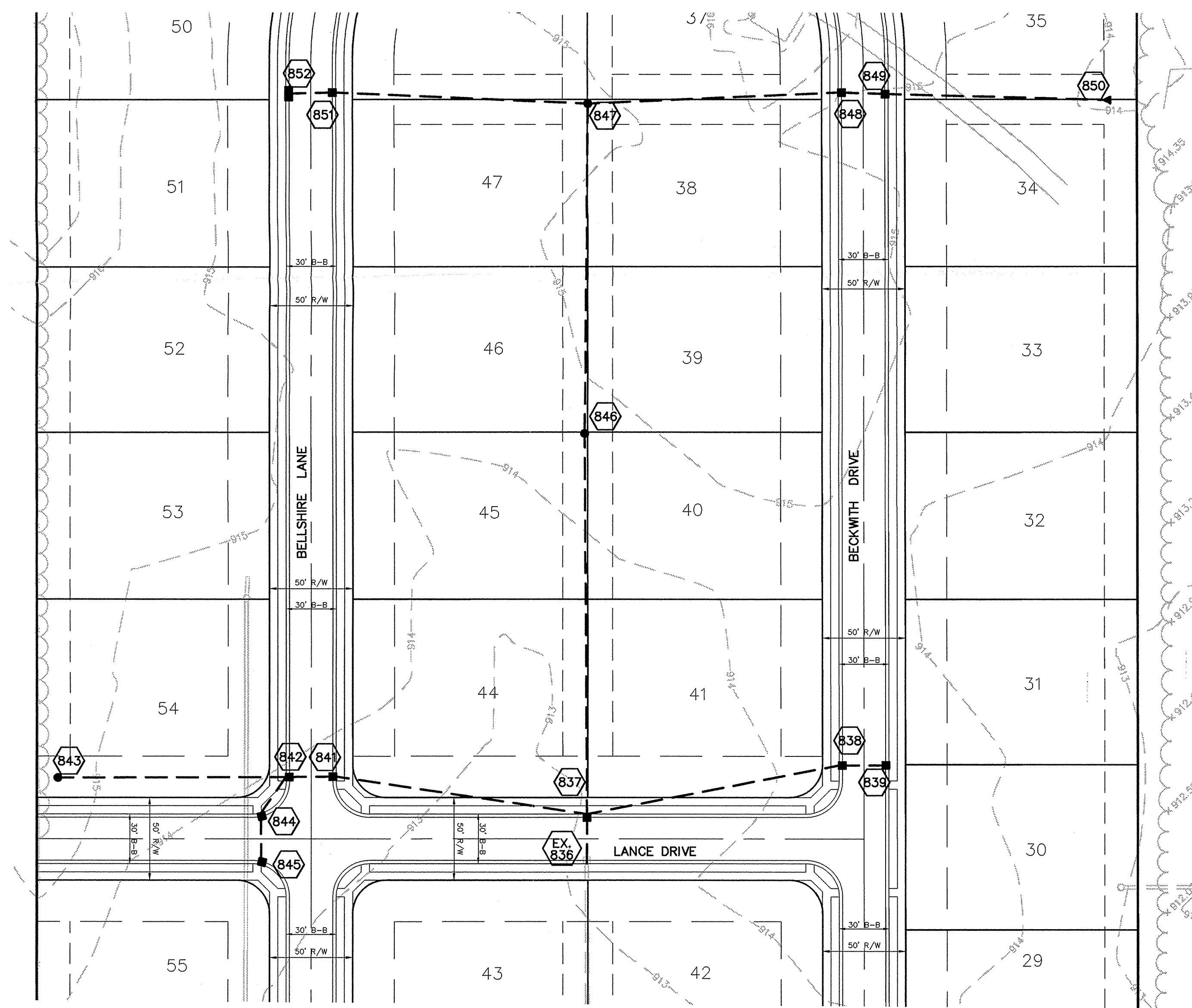
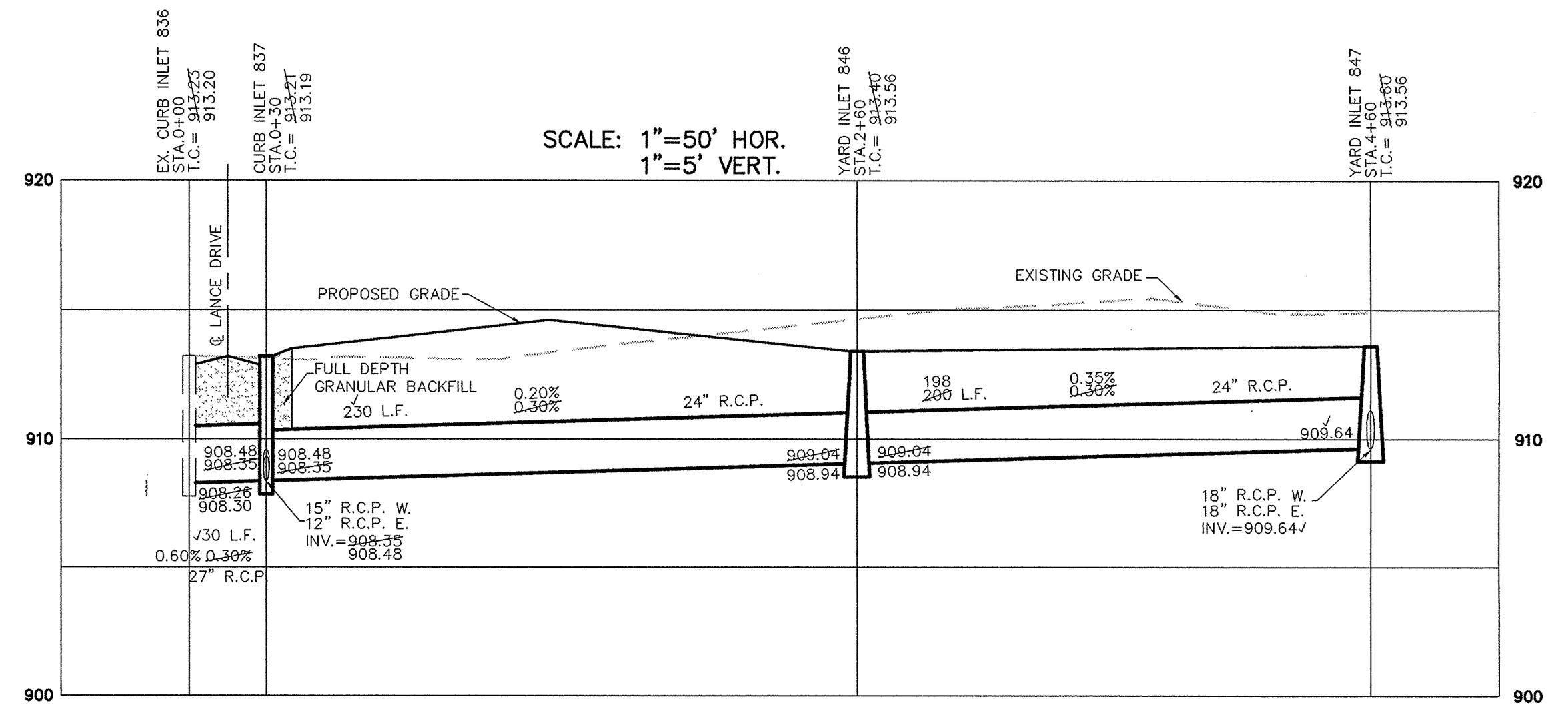
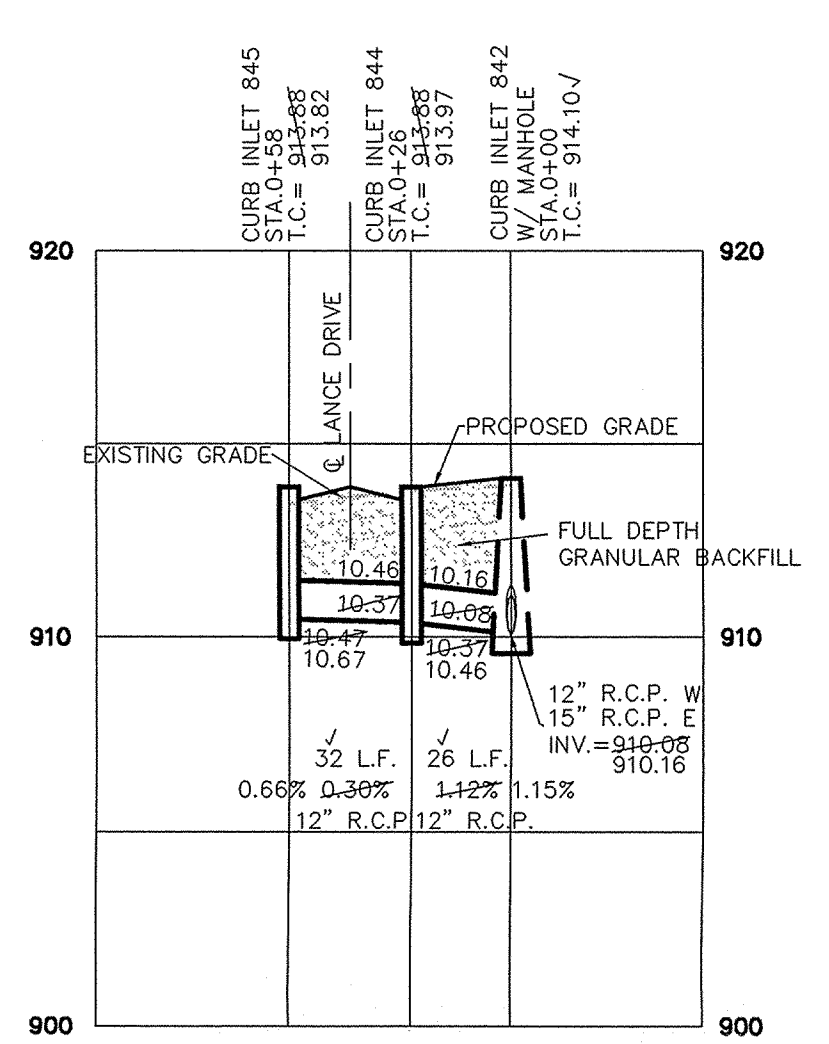
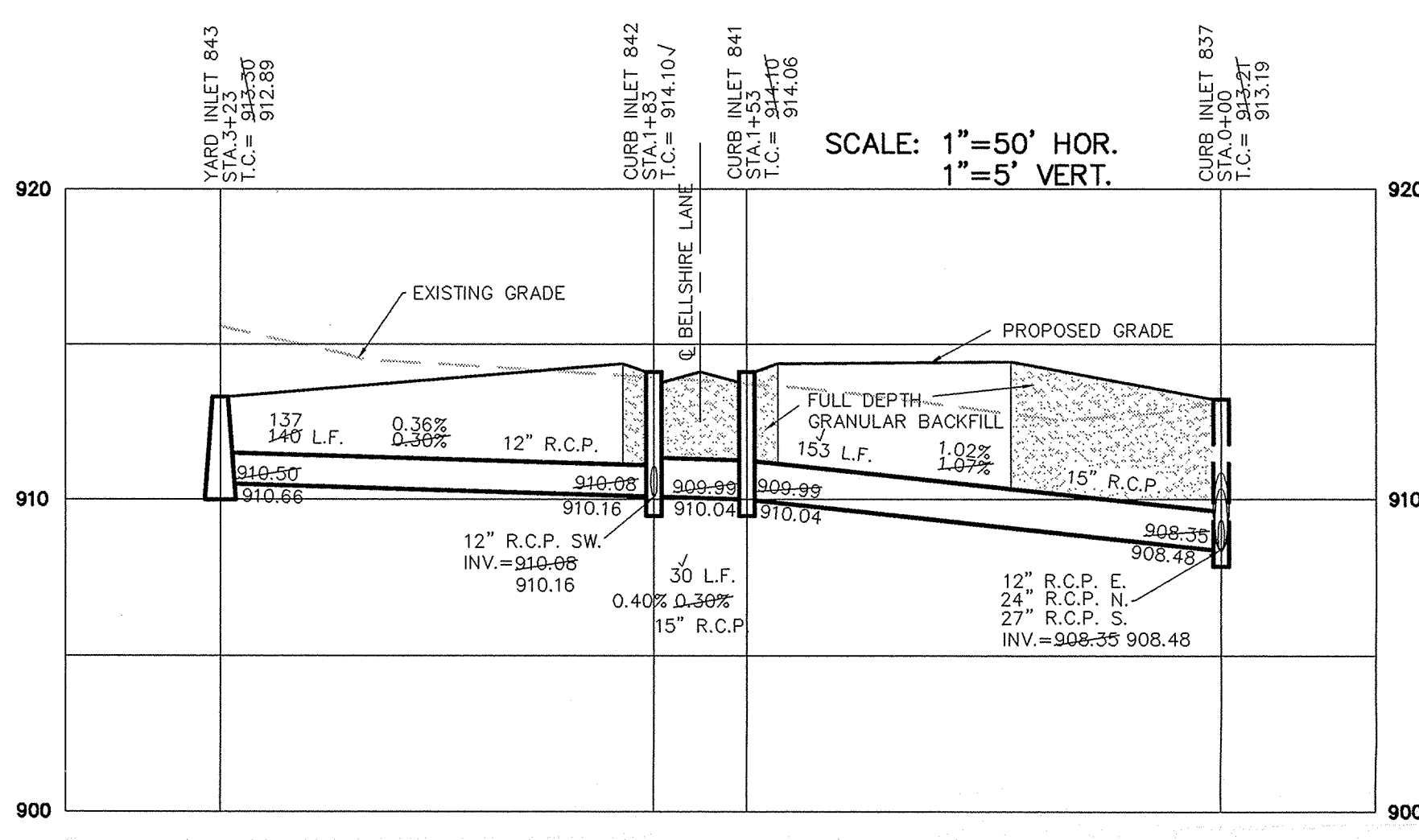
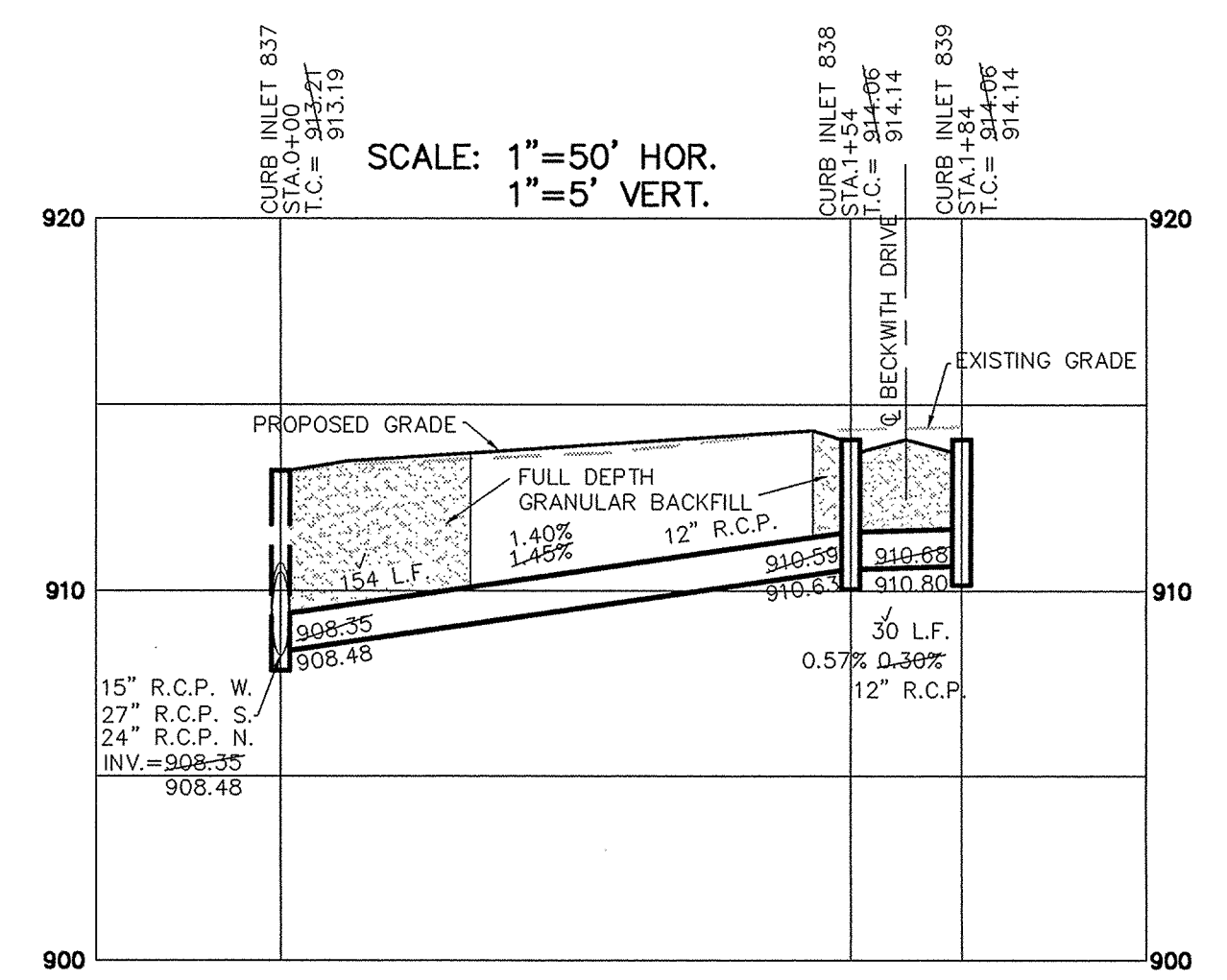
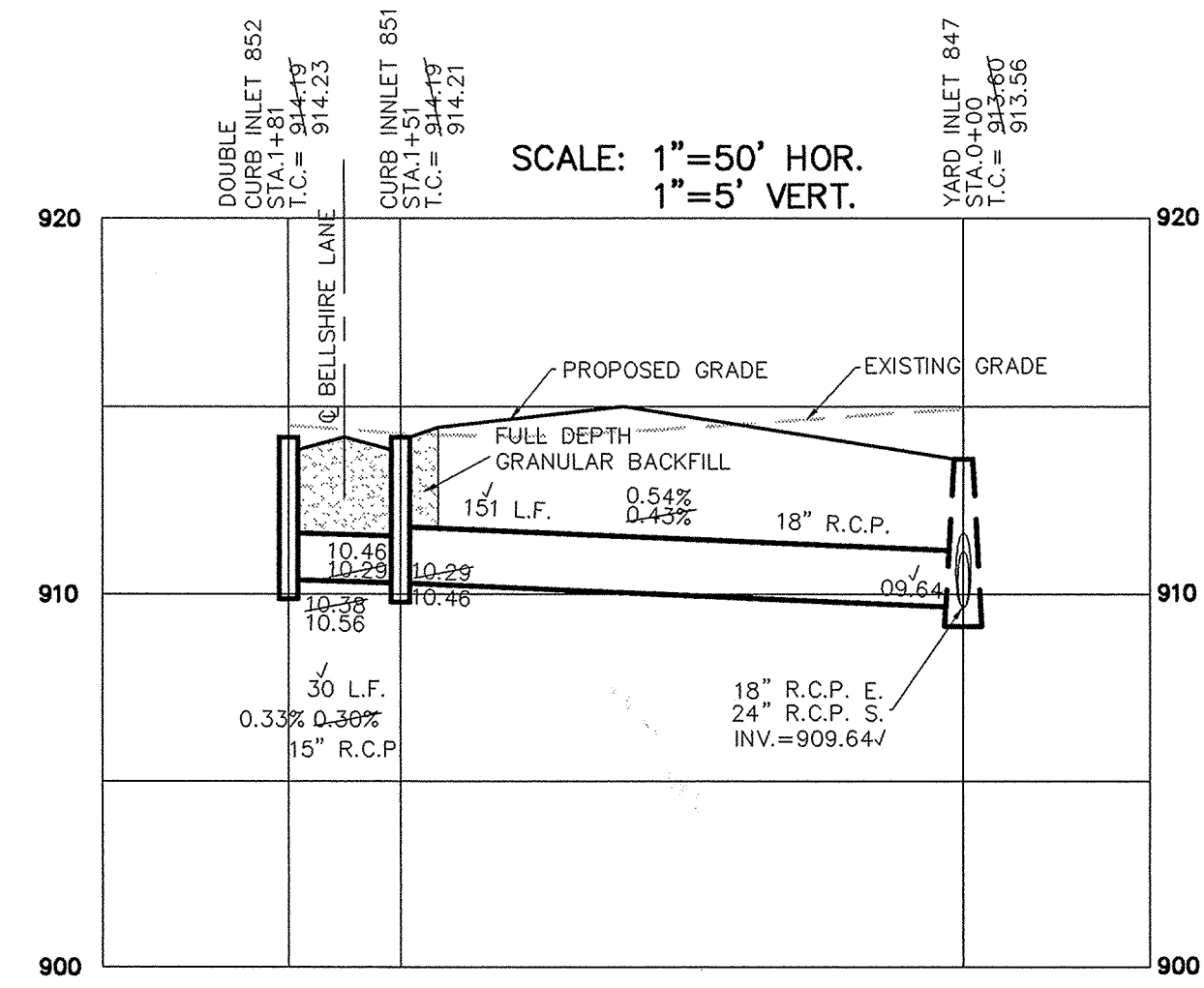
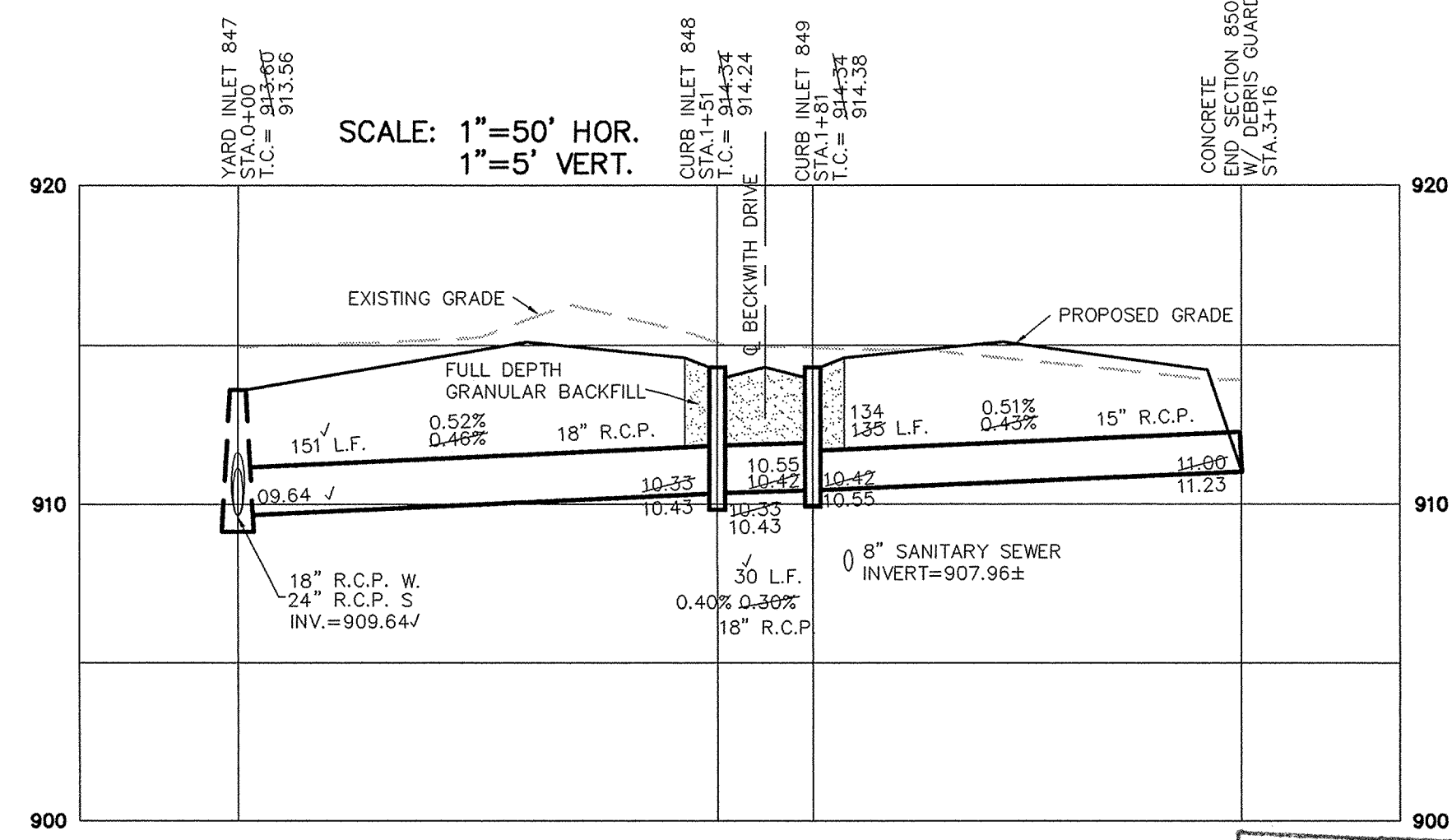
* DENOTES TRASH GUARD TO BE INSTALLED



"HOLEY MOLEY" SAYS:
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

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.

S:\4226552\dwg\SD-GRD1.dwg, Layout1, 8/19/2003 10:07:58 AM, kknapp, 1:1



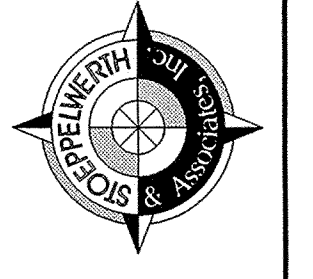
WILSON COUNTY INDIANA
 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 10-23-03
 Entered by: JDH



CERTIFIED: 11/15/02

David J. Stappeler

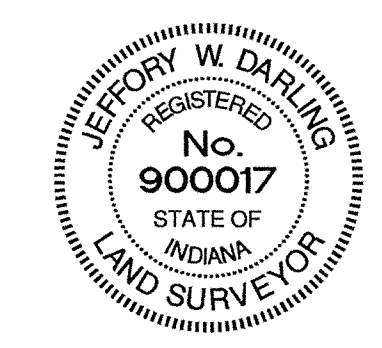
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
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STORM SEWER PLAN & PROFILE
 SHELBORNE PARK SECTION TWO
 CARMEL INDIANA

RECORD DRAWING

Jeffrey W. Darling
 JEFFREY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 8/18/03



CURB INLET TABLE

PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	24"x24"		DESIGN APPROVAL	No	Yes	Yes
12" to 21"	30"x30"		DESIGN APPROVAL	No	Yes	Yes
18" to 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" to 27"	24"x36"		DESIGN APPROVAL	No	No	Yes
12" to 24"	36"x36"		DESIGN APPROVAL	No	Yes	Yes
24" OR LARGER	DESIGN APPROVAL		DESIGN APPROVAL	No	No	Yes
24" or LARGER		MH/BOX	DESIGN APPROVAL	Yes**	Yes	Yes

* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX.
 ** STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.
 SPECIAL NOTE: COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.
 SPECIAL NOTE: STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

NOTE: A DEBRIS GUARD SHALL BE INSTALLED ON ALL UPSTREAM OPEN ENDED INLETS