

Drain: EXIT TEN **Drain #:** 265
Improvement/Arm: DEER CREEK INDUSTRIAL PARK
Operator: J. LIVINGSTON **Date:** 12-12-03
Drain Classification: Urban **Year Installed:** 1998

GIS Drain Input Checklist

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

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

Drain-Improvement: EXIT TEN - DEER CREEK INDUSTRIAL PARK

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	313'	313'			
	15"	71'	71'			
	21"	430'	430'			
	24"	63'	63'			
	* 2x 30"	209'	209'			
	36"	900'	900'			
	2x 27"	75'	75'			
SSD	6"	1962'	1962'			

Sum: 4023' 4023' 125,430.00

Final Report: *3814'

Comments:
* THE 209' OF 30" RCP (TWIN) THAT WERE INSTALLED AS
PART OF THIS CONSTRUCTION WERE NOT INCLUDED ON THE
FINAL REPORT.



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

October 14, 1998

RE: Exit 10 Drain, Deer Creek Industrial Park Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Deer Creek Industrial Park Arm, Exit 10 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 benefited. The drain will consist of the following:

6" SSD	1962 ft	21" RCP	428 ft	Twin 27" RCP	80 ft
12" RCP	312 ft	24" RCP	66 ft		
15" RCP	78 ft	36" RCP	906 ft		

The total length of the drain will be 3832 feet.

This plan also includes replacing a portion of the existing Exit 10 drain. The existing 24" RCP between Str 800 and 801 (as shown on the development plan for Deer Creek Industrial Park) shall be replaced with two 30" RCP's. This figure is not included in the above length of drain.

The retention pond (lake) located in Common Area 1 is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Owners Association. The Board will however, retain jurisdiction for ensuring the storage

volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

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 the individual lots will not be considered part of the regulated drain.

This arm shall be assessed at the current rate for the Exit 10 Drainage shed. This rate is \$10.00 per acre, \$50.00 minimum.

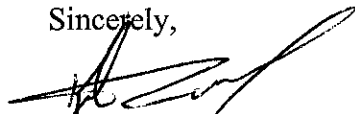
Parcels assessed for this drain may be assessed for the Mud Creek Drain at sometime in the future.

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 Deer Creek Industrial Park as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 23, 1998.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

Released 9/27/99



P.O. Box 1990
 Noblesville, Indiana 46061
 773-0800 • FAX 776-6960

IRREVOCABLE LETTER OF CREDIT NO. 205

September 4, 1998

Amount: \$22,500.00
 Expires: March 4, 1999

For the Account of: Loma Logan Limited
 4181 East 96th Street, Suite 120
 Indianapolis, IN 46240

For Beneficiary: Hamilton County Commissioners
 One Hamilton County Square
 Noblesville, IN 46060

To Whom it may concern:

We hereby establish our Irrevocable Letter of Credit No. 205 in favor of Hamilton County Commissioners for the account of Loma Logan Limited in the amount of Twenty Two Thousand Five Hundred and 00/100 (\$22,500.00) for Erosion Control, available by your sight drafts drawn on us bearing the clause, "Drawn under Irrevocable Letter of Credit No. 205" and we will honor all drafts drawn under and presented in that fashion. No other documents is required.

This Letter of Credit will expire on March 4, 1999. We engage with you that all drafts drawn under and in compliance with the terms of the Letter of Credit will be duly honored if presented at the bank's office during the term of the Letter of Credit.

Except so far as otherwise expressly stated, this Letter of Credit is subject to the "Uniform Customs and Practice for Documentary Credits" (1993 revision), International Chamber of Commerce Publication No. 500".

Respectfully,

COMMUNITY BANK

Larry W. Riggs
 Senior Vice President

HCDBL 980023

Released 9/27/99



P.O. Box 1990
Noblesville, Indiana 46061
773-0800 ■ FAX 776-6960

Dear Creek Industrial

IRREVOCABLE LETTER OF CREDIT NO. 204

September 4, 1998

Amount: \$102,930.00
Expires: March 4, 1999

For the Account of: Loma Logan Limited
4181 East 96th Street, Suite 120
Indianapolis, IN 46240

For Beneficiary: Hamilton County Commissioners
One Hamilton County Square
Noblesville, IN 46060

To Whom it may concern:

We hereby establish our Irrevocable Letter of Credit No. 204 in favor of Hamilton County Commissioners for the account of Loma Logan Limited in the amount of One Hundred Two Thousand Nine Hundred Thirty and 00/100 (\$102,930.00) for Storm Sewers available by your sight drafts drawn on us bearing the clause, "Drawn under Irrevocable Letter of Credit No. 204" and we will honor all drafts drawn under and presented in that fashion. No other document is required.

This Letter of Credit will expire on March 4, 1999. We engage with you that all drafts drawn under and in compliance with the terms of the Letter of Credit will be duly honored if presented at the bank's office during the term of the Letter of Credit.

Except so far as otherwise expressly stated, this Letter of Credit is subject to the "Uniform Customs and Practice for Documentary Credits" (1993 revision), International Chamber of Commerce Publication No. 500".

Respectfully,

COMMUNITY BANK

Larry W. Riggs
Senior Vice President

DEER CREEK INDUSTRIAL PARK
CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which land
alteration was accomplished 136th Street & Olio Road

Inspection Date(s): _____ Permit No. _____

Relative to plans prepared by: Stoepelwerth & Associates, Inc.
on September 14, 1999.

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 Darling Date: 9/29/00

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

Business Address: 9940 Allisonville Road, Fishers, IN 46038

Surv. X Engr. _____ Arch. _____ Indiana Registration No. 900017

(SEAL)

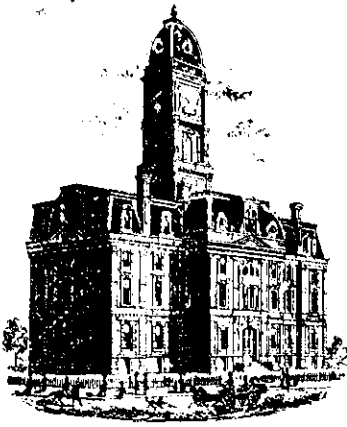


FILED

OCT 02 2000

OFFICE OF HAMILTON COUNTY SURVEYOR

S/29919/Apps&Notices



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

March 6, 2003

Re: Exit Ten Drain: Deer Creek Industrial Park

Attached are as-builts, certificate of completion & compliance, and other information for Deer Creek Industrial Park. 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 October 14, 1998. The report was approved by the Board at the hearing held November 23, 1998. (See Drainage Board Minutes Book 5, Pages 17-19) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
802		822.96				
801	834.36	823.01	2-27"	75	80	-5
808		827.34				
807	830.57	825.96	15	42	50	-8
807	830.37	825.96				
806	830.52	825.82	21	29	28	1
806	830.52	825.82				
805		824.6	24	63	66	-3
814	831.83	827.93				
813	831.84	827.54	15	29	28	1
813	831.84	827.54				
812	832.97	827.23	21	22	20	2
810	833.23	826.38				
809		824.23	36	59	64	-5
811	832.9	829.72				
810	833.23	826.38	21	379	380	-1
815	835.39	828.89				
812	832.97	827.16	36	343	344	-1
812	832.97	827.23				
810	833.23	826.56	36	121	122	-1

816	834.52	831.37				
815	835.39	828.89	12	313	312	1
815	834.51	828.89				
817	834.51	828.99	36	19	20	-1
817	834.51	828.99				
818	834.86	829.06	36	29	28	1
818	834.86	829.06				
819	833.91	830.52	36	329	328	1

6" SSD Streets:

Deer Creek Place	981
x2	

Total: 1962

RCP Pipe Totals:

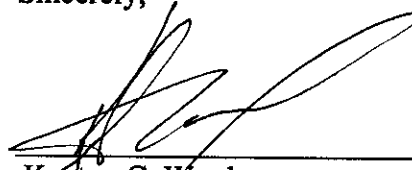
12	313
15	71
21	430
24	63
36	900
Twin 27	75

The length of the drain due to the changes described above is now **3814 feet**.

Non-enforcements will be taken for individual lots. The letter of credits from Community Bank, numbers 204 and 205; dated September 4, 1998; in the amounts of \$102,930 for storm sewers and \$22,500 for erosion control; were released September 27, 1999.

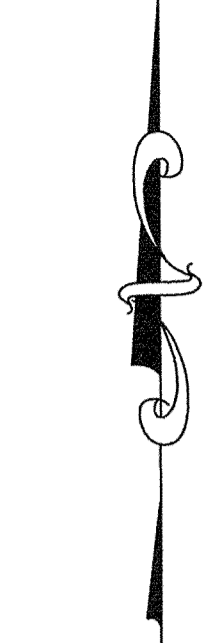
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm



SCALE: 1" = 50'

LEGEND

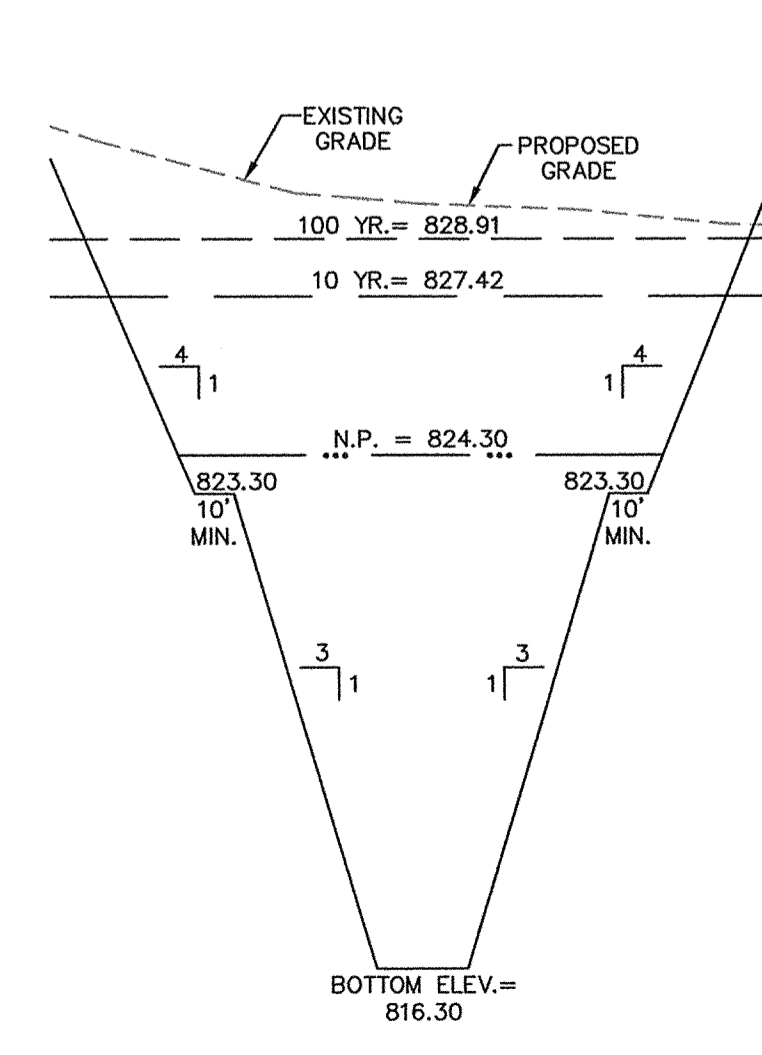
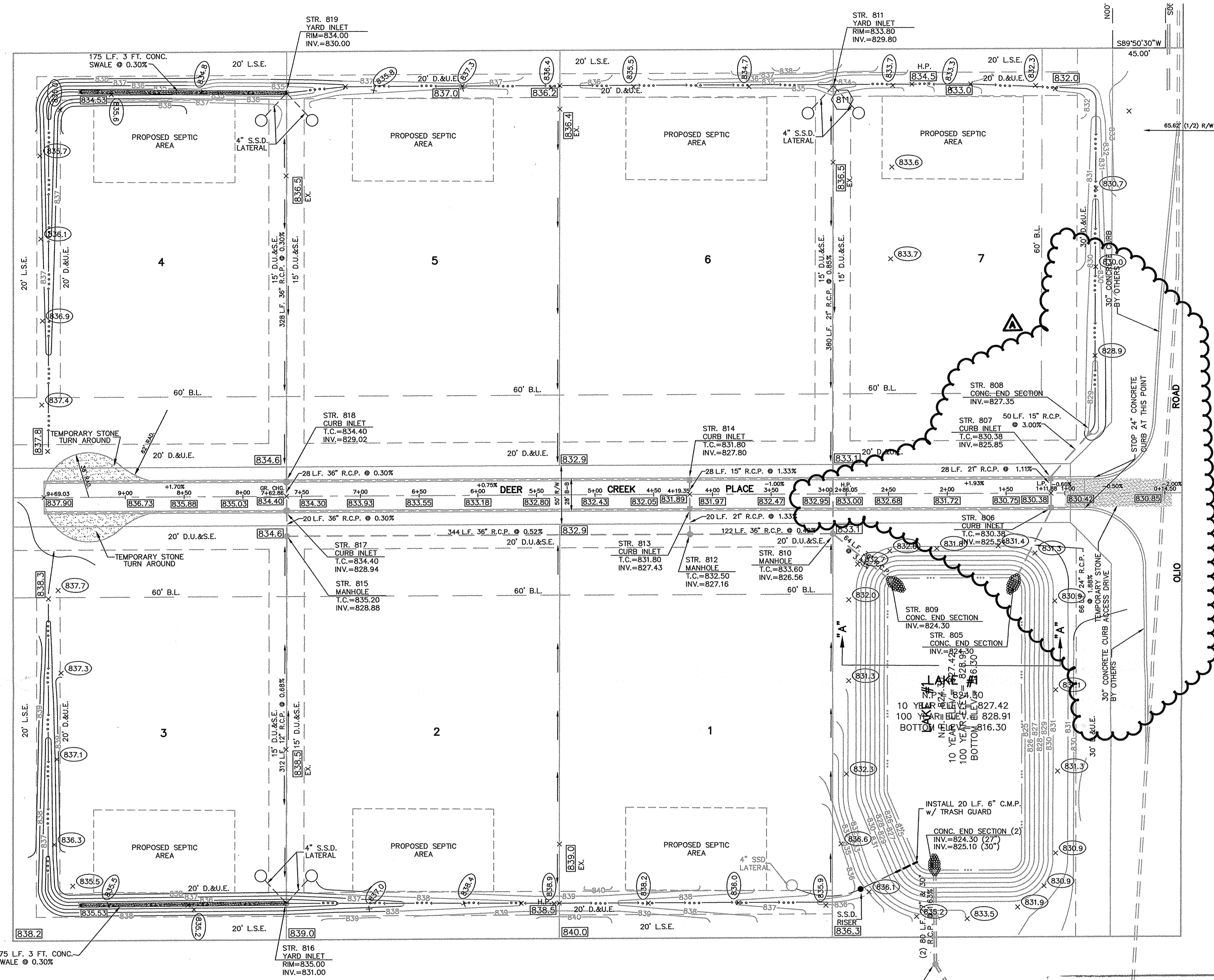
- - - - - EXISTING CONTOUR
- - - - - EXISTING STORM SEWER
- PROPOSED GRADE
- - - - - PROPOSED CONTOUR
- - - - - PROPOSED STORM SEWER
- - - - - PROPOSED SWALE
- - - - - PROPOSED 6" UNDERDRAINS

NOTE:
THE R/W MUST BE CLEAR OF ALL LANDSCAPING, MOUNDING, LIGHT POLES, TREES, SPRINKLER SYSTEMS, ENTRANCE SIGNS OR ANY SIMILAR AMENITIES.

BENCHMARK:
PK NAIL 1' UP ON PWP/LIGHT POLE
20' SOUTH OF 136th STREET, APPROX.
300' EAST OF WEST PROP. LINE ON
S.E. SIDE OF POLE #PWI 252-046
ELEV.= 841.78

- EARTHWORK:**
1. EXCAVATION
 - A. 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.
 - B. 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.
 2. REMOVAL OF TREES
 - A. All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 3. PROTECTION OF TREES
 - A. 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.
 - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
 4. REMOVAL OF TOPSOIL
 - A. All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer 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.
 5. UTILITIES
 - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - B. 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.
 6. SITE GRADING
 - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - B. 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.
 - C. 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.

FORM EARTHWRK



RECORD DRAWING

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

9/14/99 DATE



"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.



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: 3-5-03
Entered by: Suzanne L. Mills



DATE	MARK	REVISIONS
9/9/99		AS BUILTS
11/2/98		REV. ENTRANCE TO MATCH R/W OF MOIST PLANS
10/29/98		REV. COLLECTOR TO TEMP. TURN AROUND
9/29/98		REV. PER HIGHWAY DEPARTMENT OF ROAD
9/7/98		REV. PER CO. SURVEYOR COMMENTS
8/14/98		REV. PER ASBIC COMMENTS
6/26/98		REV. PER ASBIC COMMENTS

CERTIFIED: 6/26/98
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

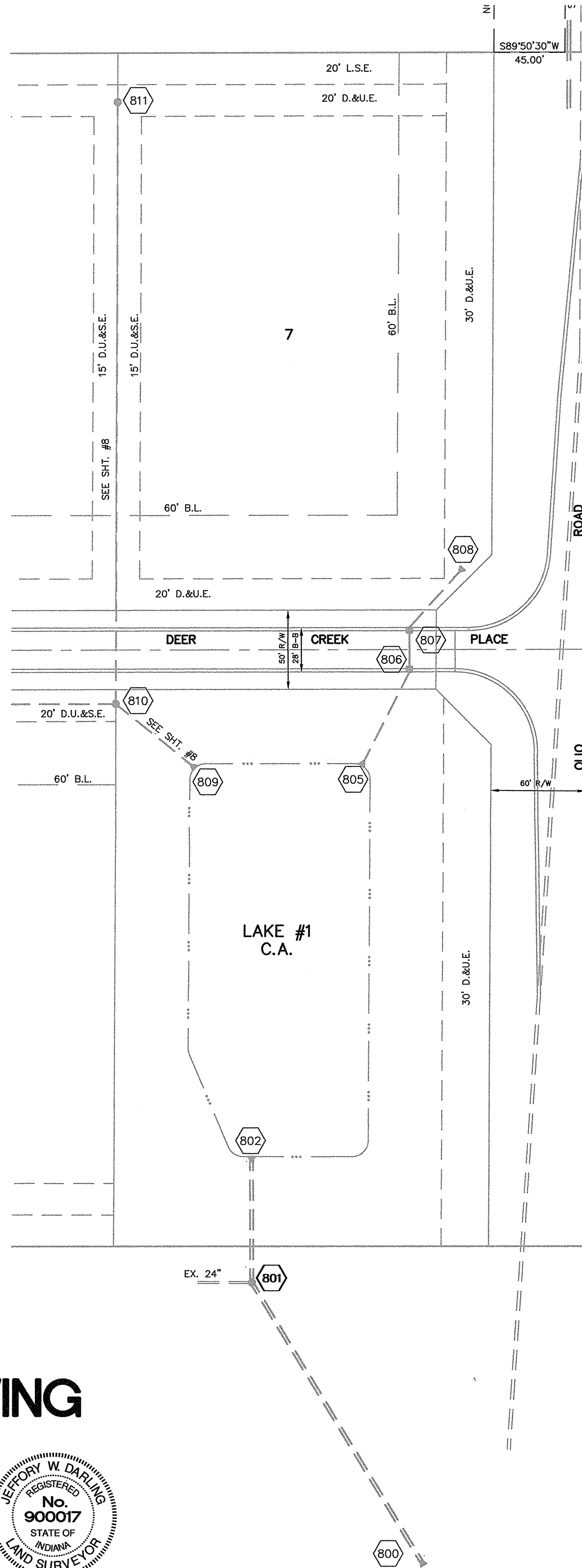


SITE DEVELOPMENT PLAN
DEER CREEK INDUSTRIAL PARK
NOBLESVILLE, INDIANA

SHEET NO. 2
OF 11 SHEETS
JOB NO. 29919

FILED
OCT 02 2000
HAMILTON COUNTY SURVEYOR

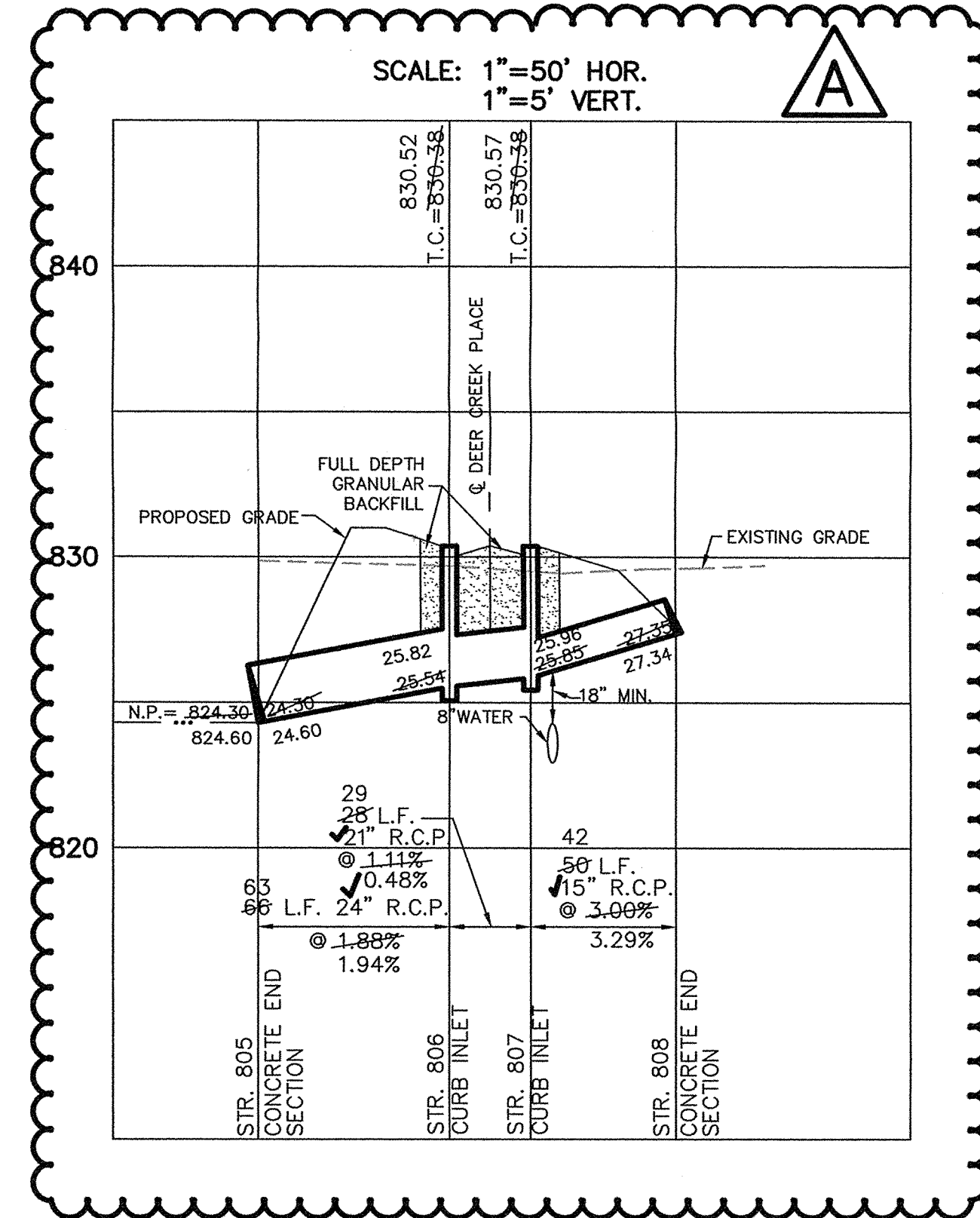
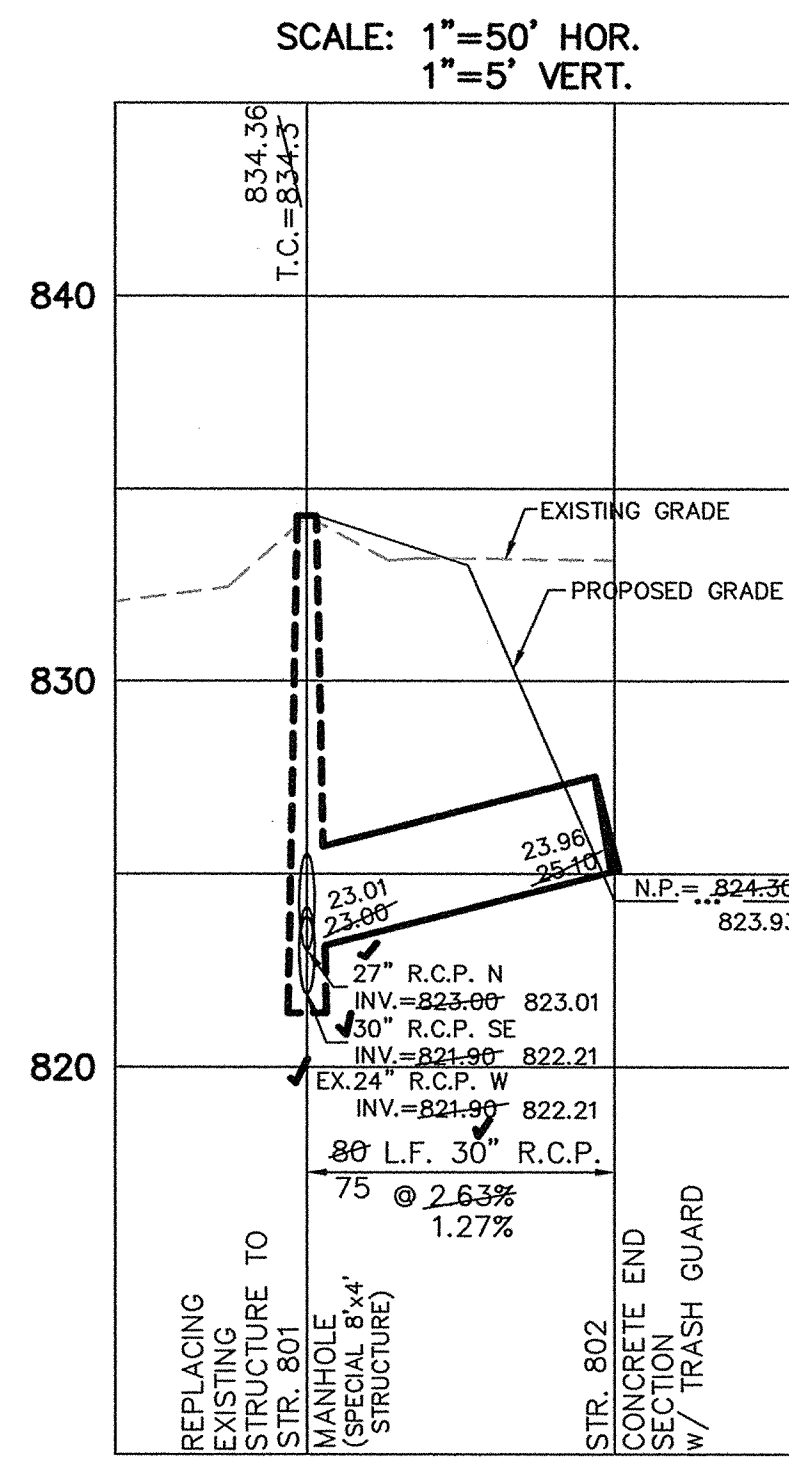
SCALE: 1" = 50'



RECORD DRAWING

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

8/26/99
 DATE



CURB INLET TABLE

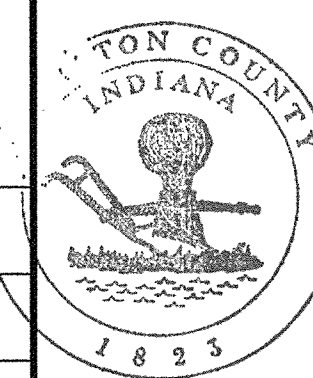
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	2'x2'		DESIGN APPROVAL	No	Yes	Yes
18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" or 27"	2'x3'		DESIGN APPROVAL	No	No	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
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

SPECIAL NOTE:
 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:
 STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

SPECIAL NOTE:
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

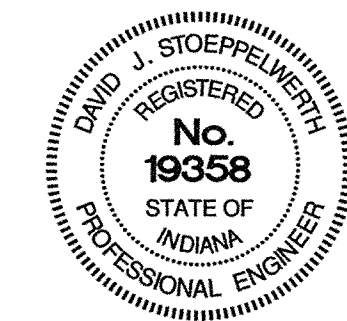


This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 3-5-03

Entered by: Suzanne L. Mills

FILED
 OCT 2 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR
 SHEET NO. 14
 SHEETS
 JOB NO. 29919



CERTIFIED: 6/26/98

David J. Stappeworth

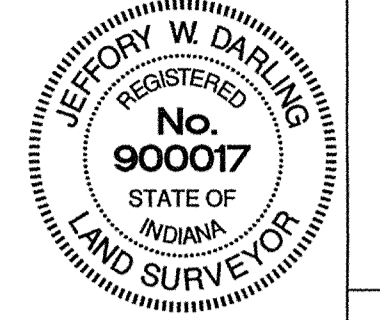
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

STORM SEWER PLAN & PROFILE
 DEER CREEK INDUSTRIAL PARK
 NOBLESVILLE INDIANA

DATE	REVISIONS
8/26/99	AS BUILT
8/20/98	REV. STR. 802 TO STR. 808
8/24/98	ADD EX. 24" PIPE & REV. SLOPE OF 30" 802 TO 801
8/14/98	REV. PER AGENCY COMMENTS

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 8/26/99



CURB INLET TABLE

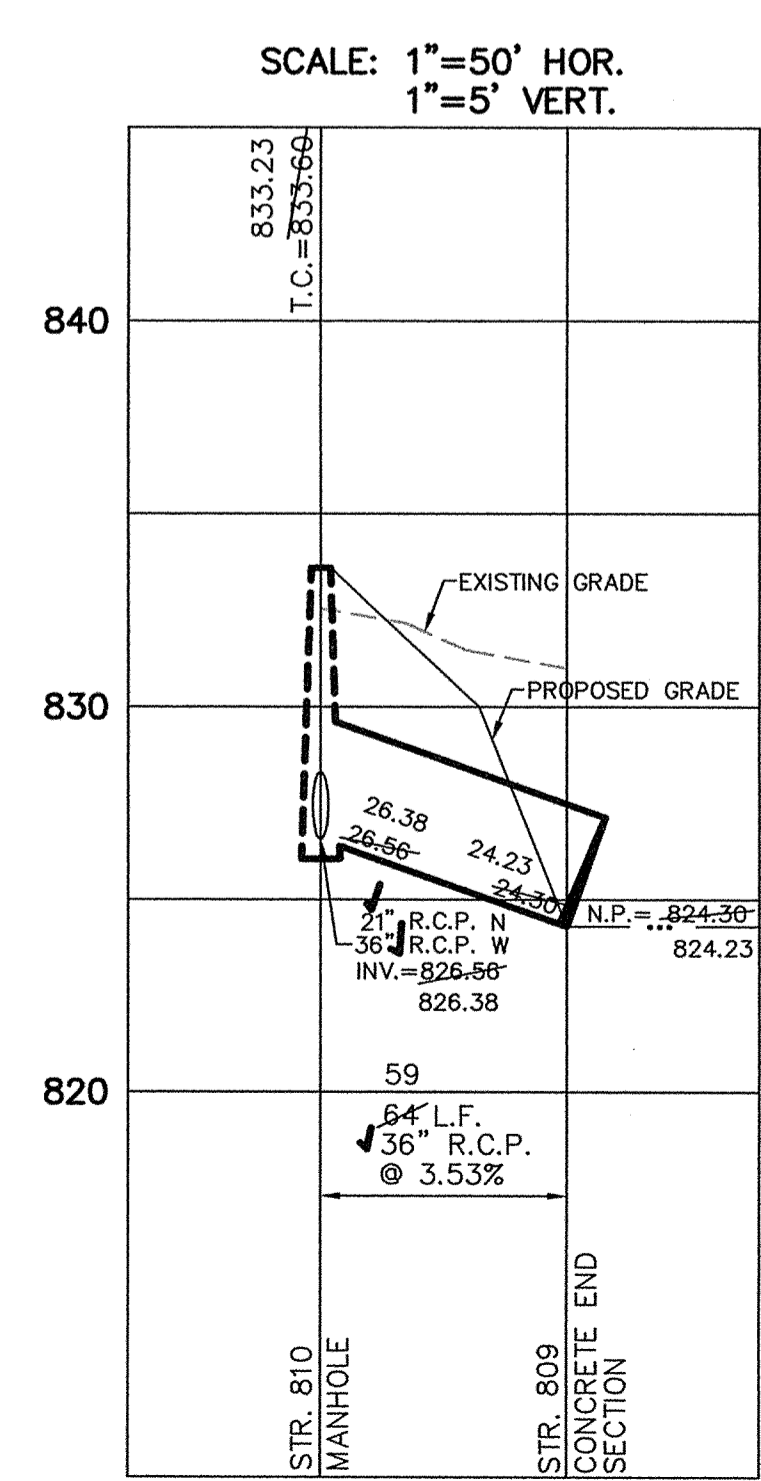
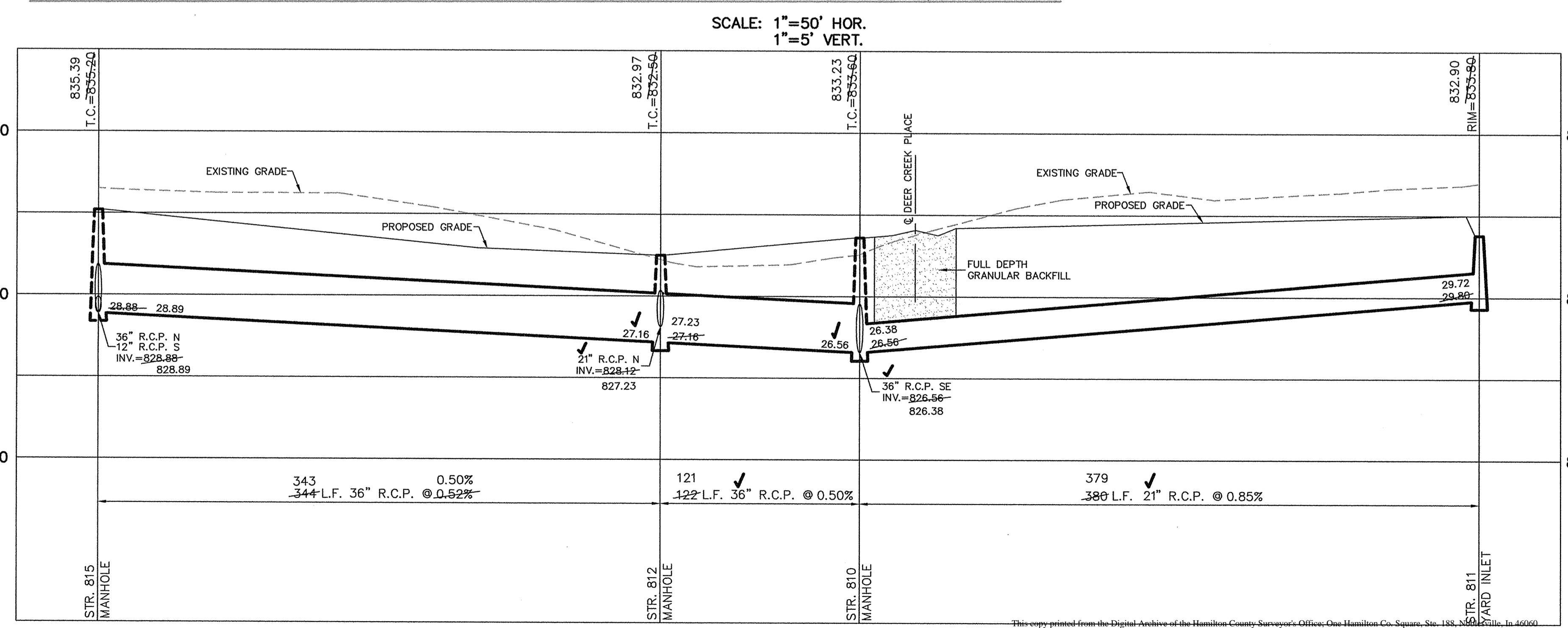
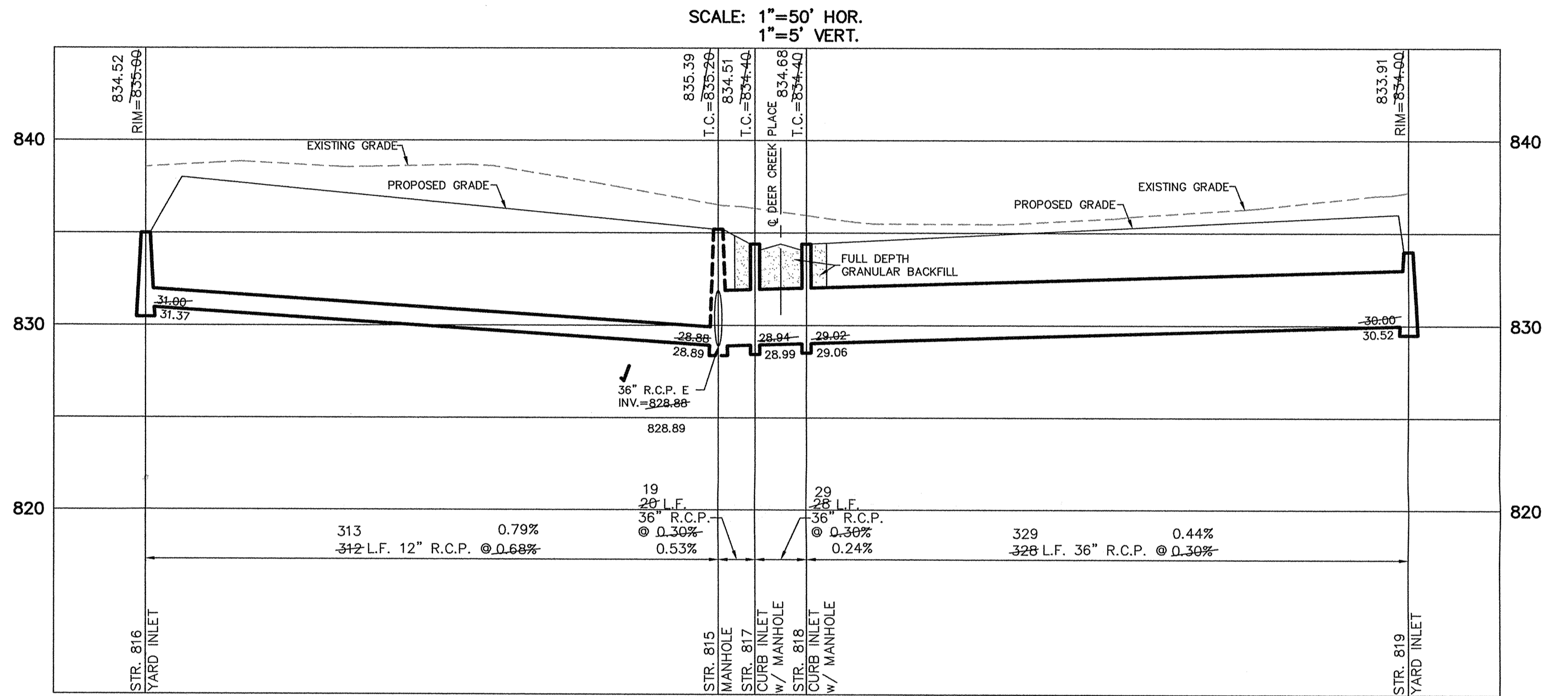
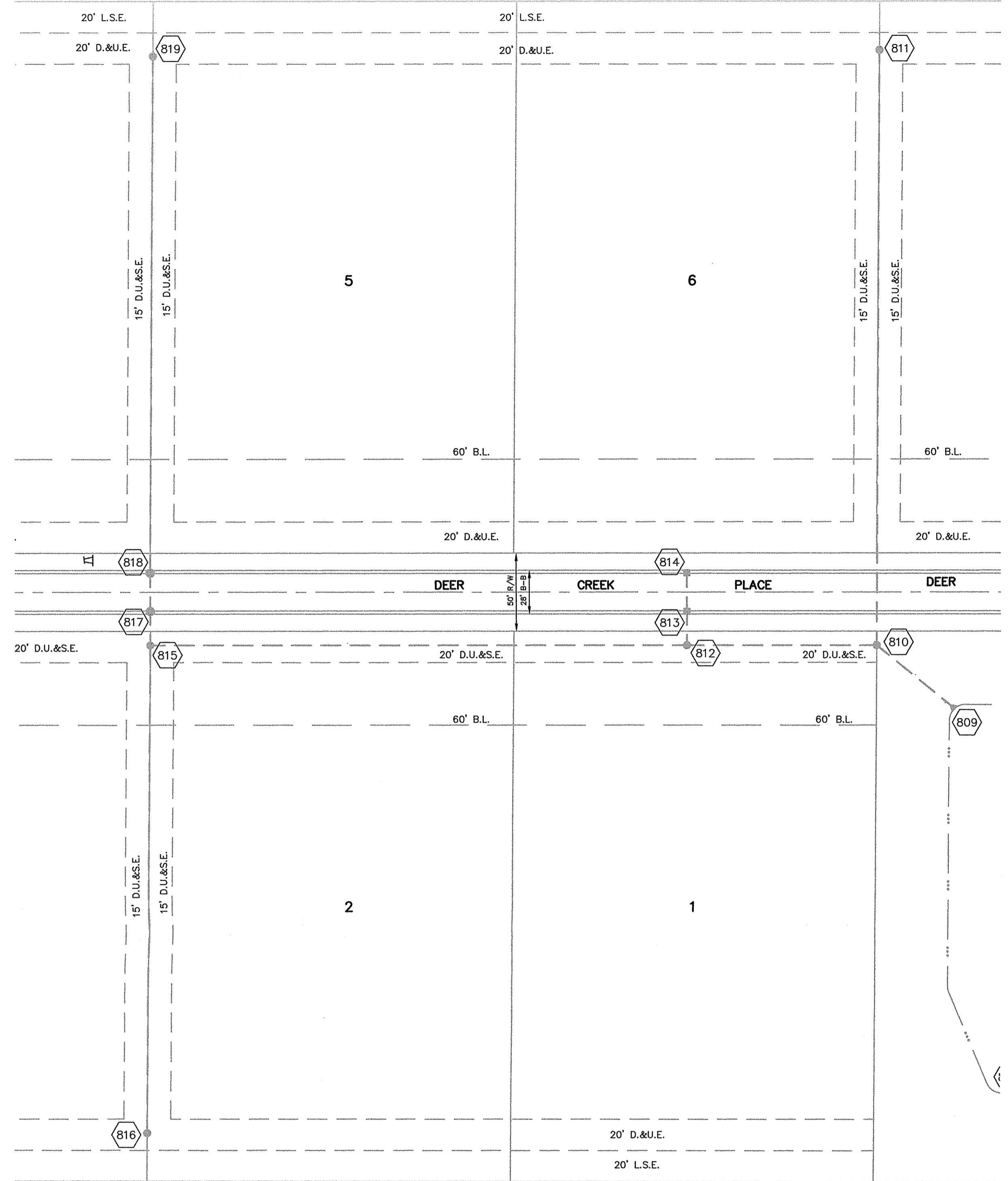
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	2'x2'		DESIGN APPROVAL	No	Yes	Yes
18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" or 27"	2'x3'*		DESIGN APPROVAL	No	No	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
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

SPECIAL NOTE:
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

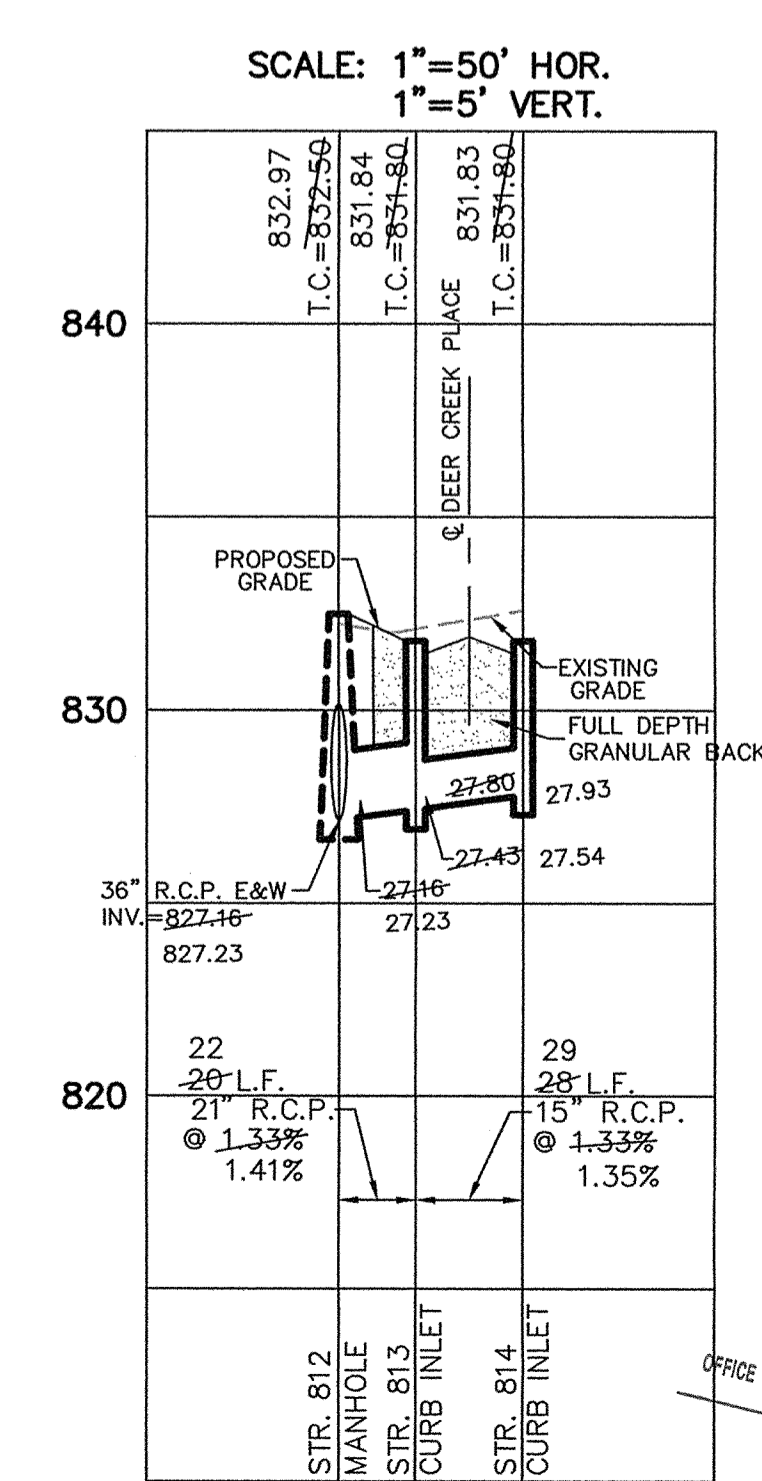
SPECIAL NOTE:
 STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

SPECIAL NOTE:
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.



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: 8-5-03
 Entered by: Suzanne L. Mills



STORM SEWER PLAN & PROFILE
DEER CREEK INDUSTRIAL PARK
 NOBLESVILLE, INDIANA

FILED
 OCT 02 2000
 OFFICE OF HAMILTON COUNTY SURVEYORS
 SHEETS
 JOB NO. 29919

CERTIFIED: 8/26/98
David J. Stoppewitz
 CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS, INDIANA

DATE	REVISIONS	BY
8/26/99	AS BUILT	SW
8/26/99	REV. PEOPLE TO REFLECT AT PIPE N. OUT OF 812	SW
8/26/99	REV. PER ADJCT COMMENTS	BBS
8/26/98		MARK

This copy printed from the Digital Archive of the Hamilton County Surveyors' Office, One Hamilton Co. Square, Ste. 133, Noblesville, IN 46060