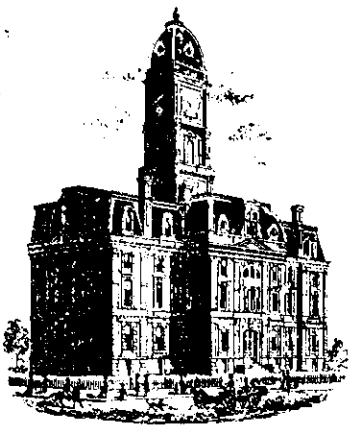


Drain: JOHN OSBORN DRAIN **Drain #:** 162
Improvement/Arm: WINNERS GROVE-SECTION 2
Operator: JOH **Date:** 6-2-04
Drain Classification: Urban/Rural **Year Installed:** 2001

GIS Drain Input Checklist

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



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

November 21, 2002

To: Hamilton County Drainage Board

Re: John Osborn Drain, Windsor Grove Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Windsor Grove Arm, John Osborn 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	1,594 ft	15" RCP	384 ft	21" RCP	671 ft
12" RCP	429 ft	18" RCP	310 ft		

The total length of the drain will be 3,388 feet.

The retention pond (lake) located in Common Area number 2 will be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance, such as mowing, of the pond (lake) will be the responsibility of the Homeowners 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 individual lots will not be considered part of the regulated drain.

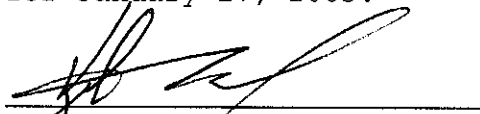
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$25.00 per lot, \$2.00 per acre with a \$25.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$512.00.

Parcels assessed for this drain may be assessed for the Williams Creek, Well Run or Springmill 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 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 Windsor Grove as recorded in the office of the Hamilton County Recorder.

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



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

FINDINGS AND ORDER

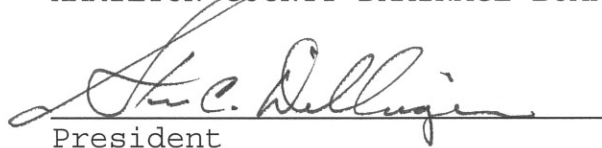
CONCERNING THE MAINTENANCE OF THE

John Osborne Drain, Windsor Grove Arm

On this *27th day of January 2003*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *John Osborne Drain, Windsor Grove 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.

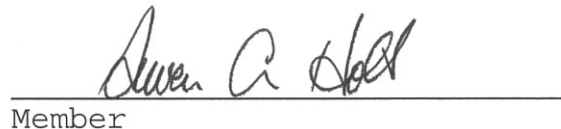
HAMILTON COUNTY DRAINAGE BOARD



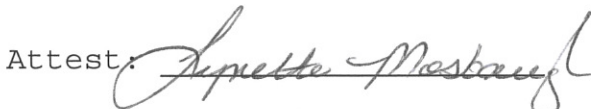
President



Member



Member

Attest: 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
John Osborne Drain, Windsor Grove

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **John Osborne Drain, Windsor Grove** on **January 27th**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

2003

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE
John Osborne Drain, Windsor Grove

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **Windsor Grove**

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: 12/30/03

Type or Print Name: Jeffery W. Darling

Business Address: Stooppelwerth & Associates, Inc.

9940 Allisonville Road, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017



FILED

JAN 02 2004

OFFICE OF HAMILTON COUNTY SURVEYOR



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 12, 2004

Re: John Osborn: Windsor Grove Arm

Attached are as-builts, certificate of completion & compliance, and other information for Windsor Grove. 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 November 21, 2002. The report was approved by the Board at the hearing held January 27, 2003. (See Drainage Board Minutes Book 6, Pages 528-529)

The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
812		875.28					
808	877.98	874.1	12	305	0.39	310	-5
811	877.03	875.08					
810	880.29	874.49	15	204	0.29 204	29	
810	880.29	874.49					
809	880.25	874.18	18	95	0.33	97	-2
809	880.25	874.18					
808	877.98	873.31	21	274	0.32	271	3
808	877.98	873.31					
807		873.05	24	72	0.36	76	-4
804	877.81	875.51					
803	878.08	874.95	15	148	0.38	150	-2
803	878.08	874.95					
802		872.91	21	329	0.62	324	5
806	881.64	875.69					
805	881.57	875.51	15	30	0.6		
805	881.57	875.51					
803	878.08	874.95	18	202	0.28	203	-1
803	878.08	874.95					
803A	880	875.13	12	52	0.3		
801		872.96					
800	875.75	872.2	12	110	0.65	119	-9

6" SSD Streets:

London Berry	1612
Total:	<u>1612</u>

RCP Pipe Totals:

12	467
15	382
18	297
21	603
24	72
Total:	<u>1821</u>

The length of the drain due to the changes described above is now **3433 feet**.

The non-enforcement was approved by the Board at its meeting on January 27, 2003 and recorded under instrument #200300011411.

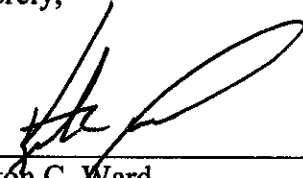
The following sureties were guaranteed by Union Planters Bank and released by the Board on its January 26, 2004 meeting.

Bond-LC No: L013698
Insured For: Storm Sewers
Amount: \$145,000.00
Issue Date: July 30, 2001

Bond-LC No: L013696
Insured For: Erosion Control
Amount: \$22,000.00
Issue Date: July 30, 2001

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Drain: John Osborn
 Improvement-Arm: English Oaks
 Engineer: Paul I Cripe
 Asbuilt Project #: 0990478-20000

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
705		893.9					
704	896.41	892.7	12	249.14	-1		
704	896.41	892.1					
703	896.15	891.4	15	65	-0.8		
703	896.15	891.4					
702		890.5	15	135	-0.66		
706		894.5					
707	897.58	894.3	15	154.79	-0.2		
707	897.58	894.2					
708	897.59	894.2	15	26	-0.2		
708	897.59	894.1					
709		893.9	15	73.72	-0.22		
710	901.05	897.2					
711	901.14	896.8	15	25.91	-1		
711	901.14	896.8					
712	897.5	895.1	15	169.6	-1		
712	897.5	895.1					
713		894	15	228.29	-0.5		

6" SSD Streets:

English Oaks Ct	954
x2	
Total:	1908

6" SSD Lots:

Lots 16-20	662
Lots 8-11	180
Lot 27	255
Lots 20-24	723
Total:	1820

RCP Pipe Totals:

12	249.14
15	878.31
Total:	1127.45

Other Drain:	
8" cmp	10
Total:	10

Drain Total: 4865.45

Asbuilt Structures

Drain: John Osborn
 Improvement-Arm: Windsor Grove Arm
 Engineer: Stoepplewerth & Associates Inc.
 Asbuilt Project #: 33697

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
812		875.28					
808	877.98	874.1	12	305	0.39	310	-5
811	877.03	875.08					
810	880.29	874.49	15	204	204	29	
810	880.29	874.49					
809	880.25	874.18	18	95	0.33	97	-2
809	880.25	874.18					
808	877.98	873.31	21	274	0.32	271	3
808	877.98	873.31					
807		873.05	24	72	0.36	76	-4
804	877.81	875.51					
803	878.08	874.95	15	148	0.38	150	-2
803	878.08	874.95					
802		872.91	21	329	0.62	324	5
806	881.64	875.69					
805	881.57	875.51	15	30	0.6		
805	881.57	875.51					
803	878.08	874.95	18	202	0.28	203	-1
803	878.08	874.95					
803A	880	875.13	12	52	0.3		
801		872.96					
800	875.75	872.2	12	110	0.65	119	-9

6" SSD Streets:

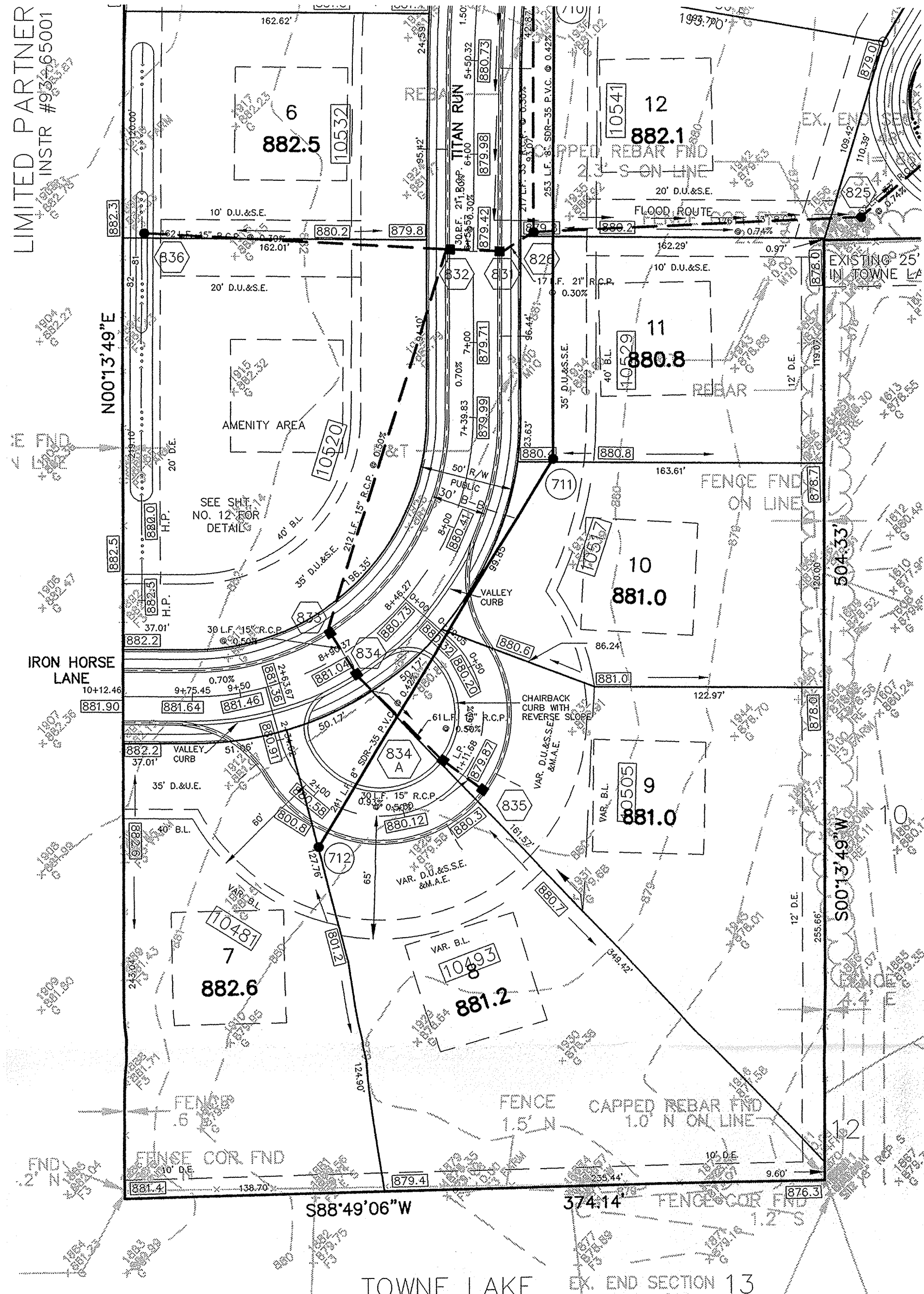
London Berry	1612
Total:	<u>1612</u>

RCP Pipe Totals:

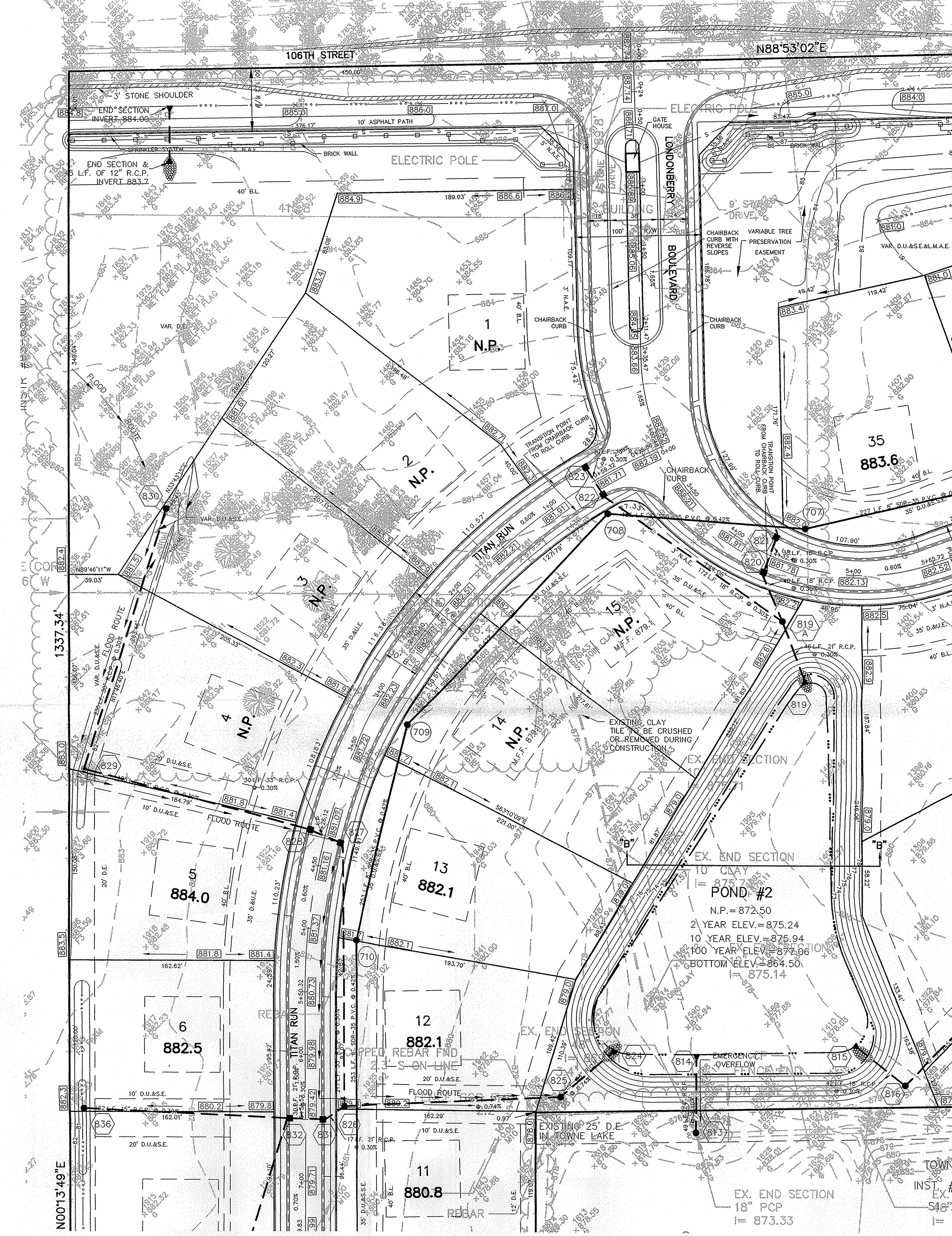
12	467
15	382
18	297
21	603
24	72
Total:	<u>1821</u>

Drain Total: 3433

Total: 1821



Str. No.	Type	Tc/Rim	Inverts	Dir.
800	MANHOLE	887.75	872.50	(SW)
801	CONC. END SECTION		873.00	(NE)
802	CONC. END SECTION		873.00	(NW)
803	YARD INLET	878.00	874.97	(W)(SE)(S)
804	YARD INLET	878.00	875.42	(E)
805	CURB INLET	881.62	875.61	(N)(S)
806	CURB INLET	881.62	875.70	(N)
807	CONC. END SECTION		873.00	(SE)
808	YARD INLET	878.70	874.24, 873.24	(NW)(SW)(S)
809	CURB INLET	880.51	874.05	(NE)(SW)
810	CURB INLET	880.35	874.34	(NE)(SW)
811	YARD INLET	877.00	874.95	(NE)
812	CONC. END SECTION		875.17	(N)
813	YARD INLET	874.70	869.51	(N)
814	CONC. END SECTION		872.50	(S)
815	CONC. END SECTION		872.50	(SE)
816	MANHOLE	879.50	872.63	(NE)(NW)
817	CURB INLET	879.50	873.37	(NE)(SW)
818	CURB INLET	879.62	873.75	(SW)
819	CONC. END SECTION		872.50	(NW)
819A	MANHOLE	882.40	872.64	(NW)(SE)
820	CURB INLET	881.78	872.76	(SE)(NE)
821	CURB INLET	881.78	872.86	(SW)
822	CURB INLET	881.71	873.16	(NW)(SE)
823	CURB INLET	881.88	873.25	(SE)
824	CONC. END SECTION		872.50	(SW)
825	MANHOLE	878.50	872.88	(W)(NE)
826	MANHOLE	880.00	874.19	(E)(SW)(N)
827	CURB INLET	881.07	874.84	(NW)(S)
828	CURB INLET	881.07	874.93	(NW)(SE)
829	YARD INLET	881.50	875.49	(NE)(SE)
830	YARD INLET	880.60	876.18	(SW)
831	CURB INLET	879.42	874.24	(NE)(W)
832	CURB INLET	879.42	874.33	(SW)(W)(E)
833	CURB INLET	881.04	875.39	(SE)(NE)
834	CURB INLET	881.21	875.54	(SE)(NW)
834A	CURB INLET	880.04	875.85	(SE)(NW)
835	CURB INLET	879.87	876.00	(NW)
836	YARD INLET	880.50	874.82	(E)



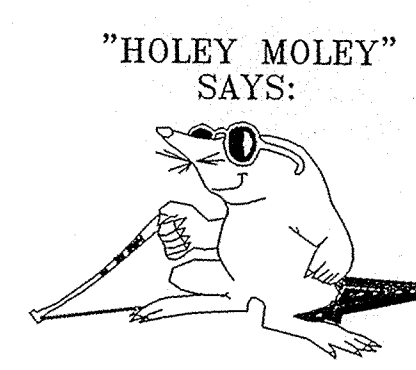
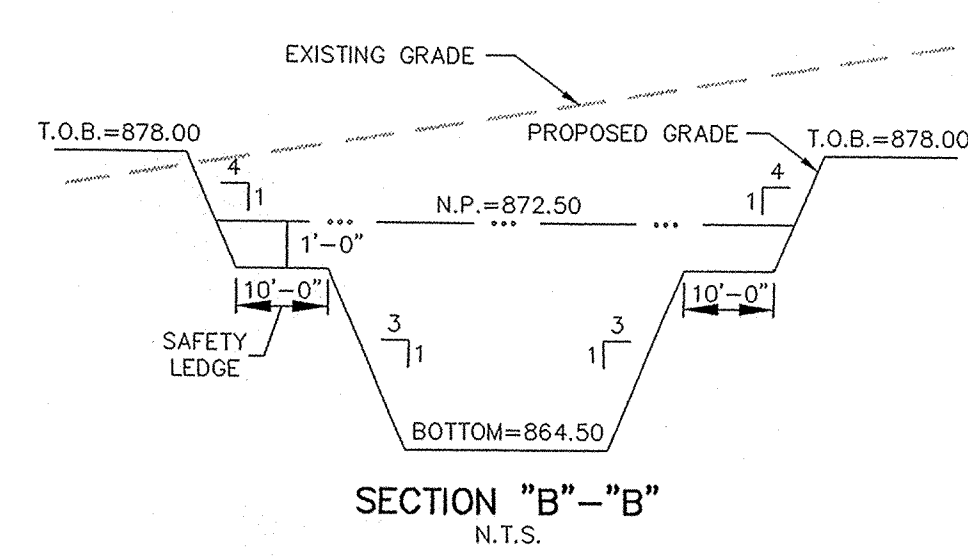
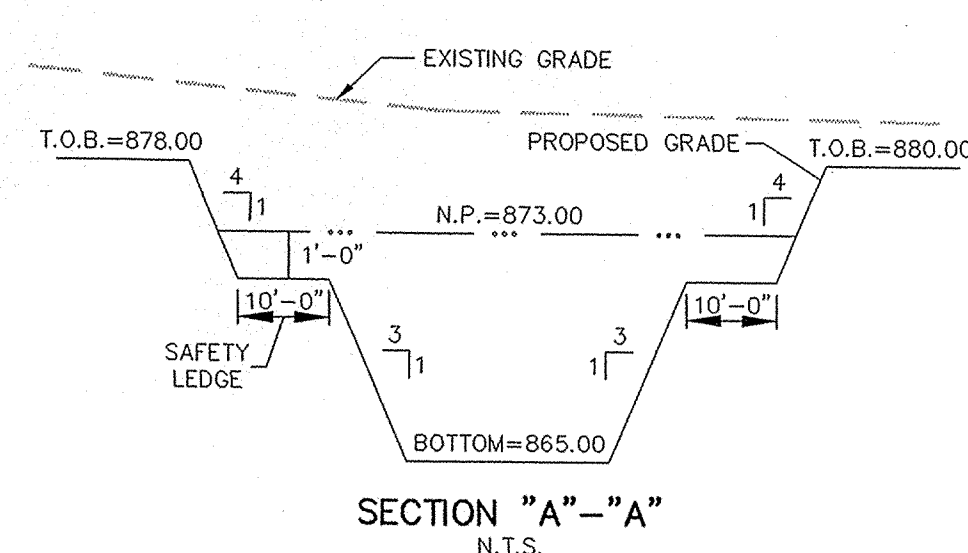
NOTE: THE PROPOSED STORM SEWER SYSTEM SHOULD INCORPORATE ANY TEMPORARY OR PERMANENTLY EXISTING FIELD DRAIN TILES DISCOVERED DURING CONSTRUCTION.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES OR OTHER SUCH AMENITIES WITHIN THE R.O.W. ARE TO BE APPROVED PRIOR TO INSTALLATION.

Hamilton 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: 6-2-04
 Entered by: JDU

SCALE: 1" = 50'

- LEGEND**
- EXISTING CONTOUR
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED GRADE
 - PROPOSED CONTOUR
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED SWALE
 - PROPOSED 4' SIDEWALK (BY HOME BUILDER) (UNLESS OTHERWISE NOTED)
 - PROPOSED 4" LATERAL
 - PROPOSED 6" UNDERDRAINS
- 35 LOT NUMBER
 N.P. NO PAD TO BE CONSTRUCTED.



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

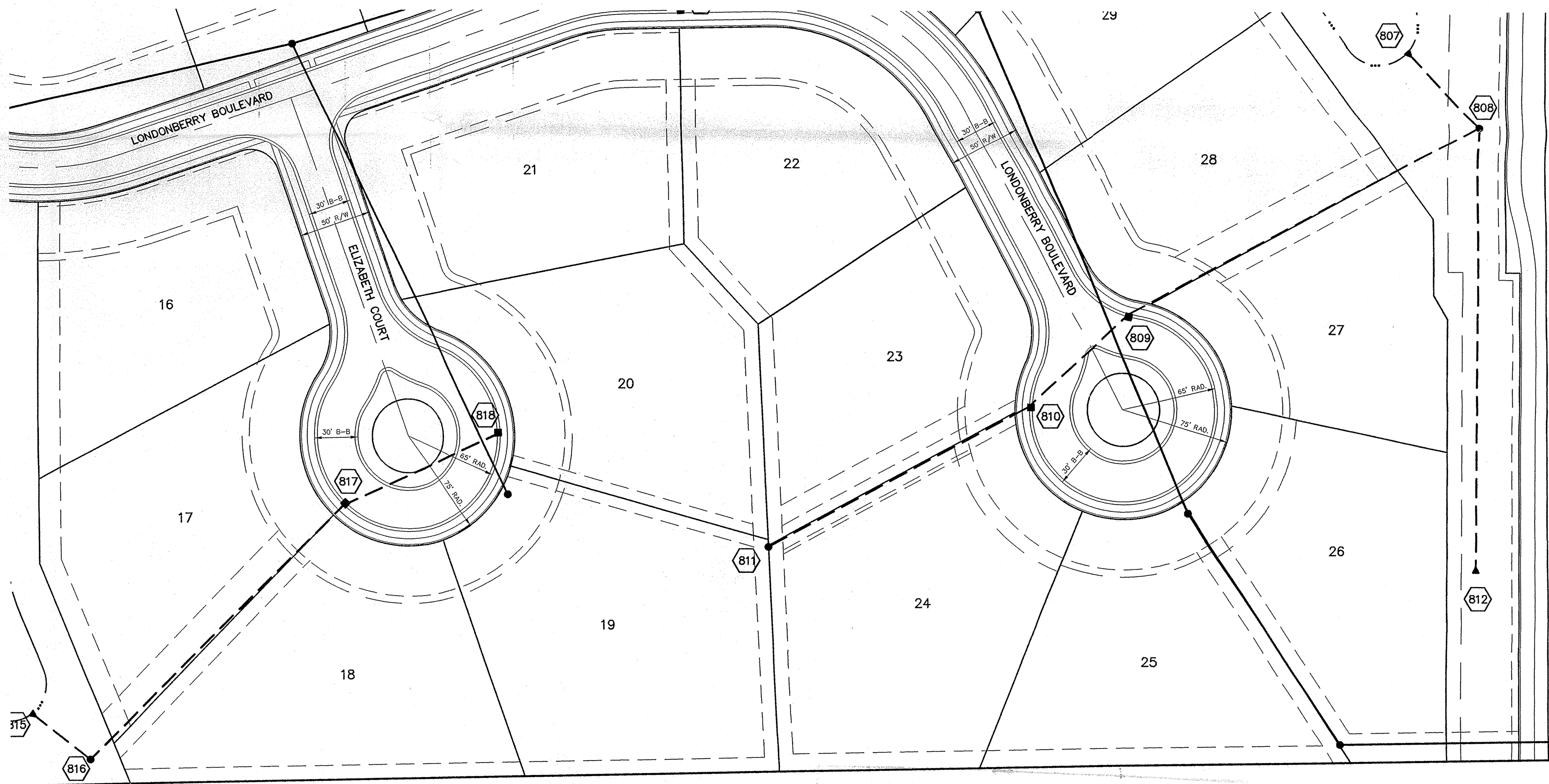
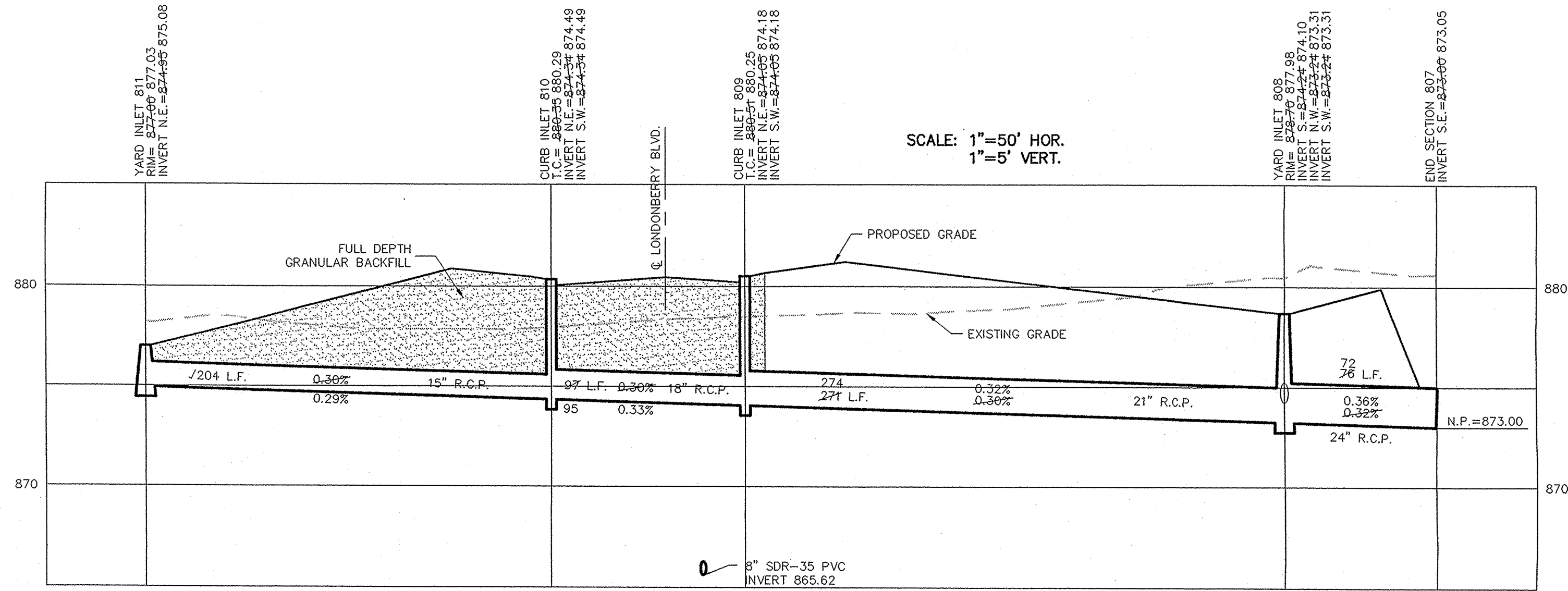
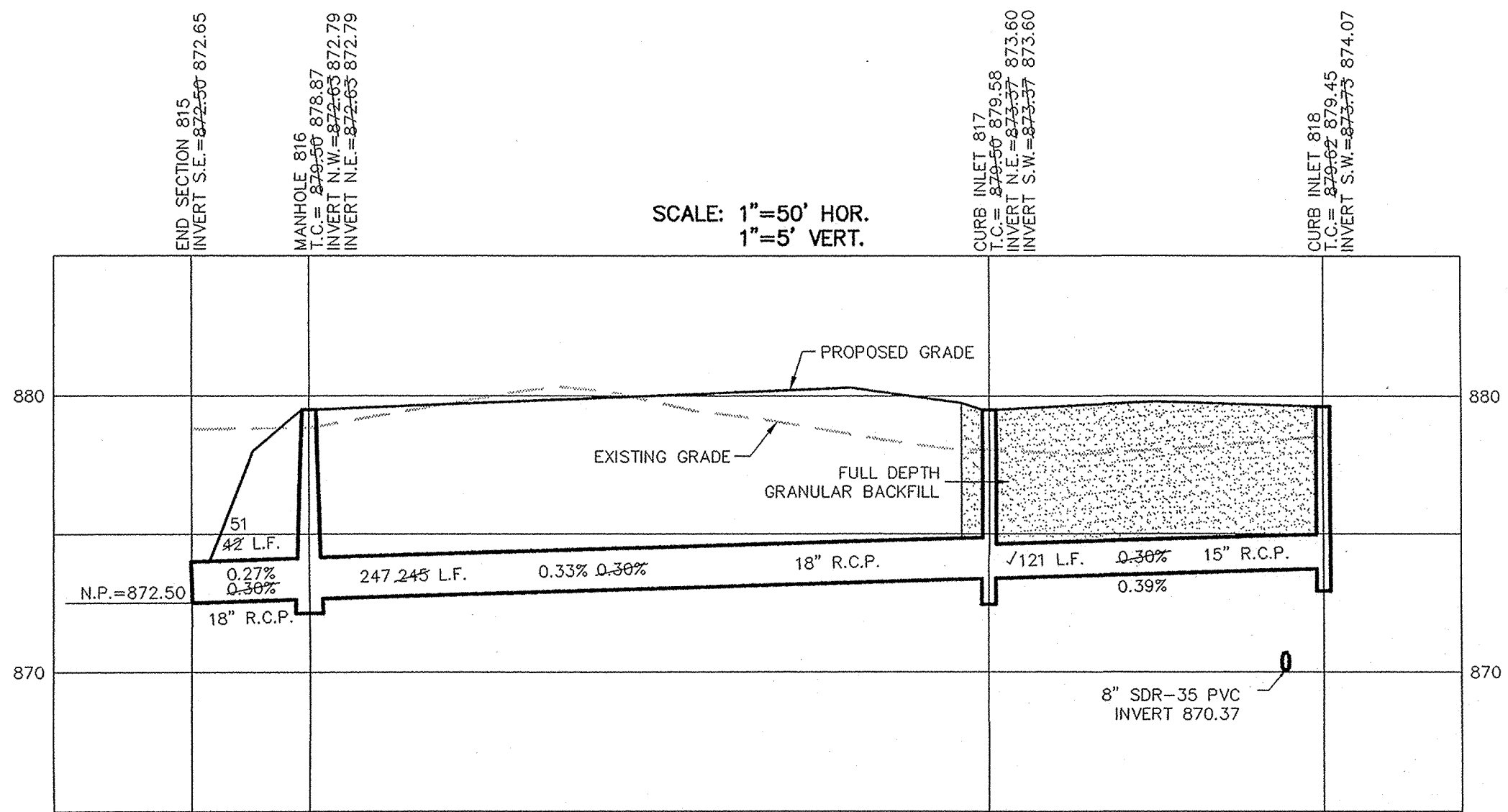
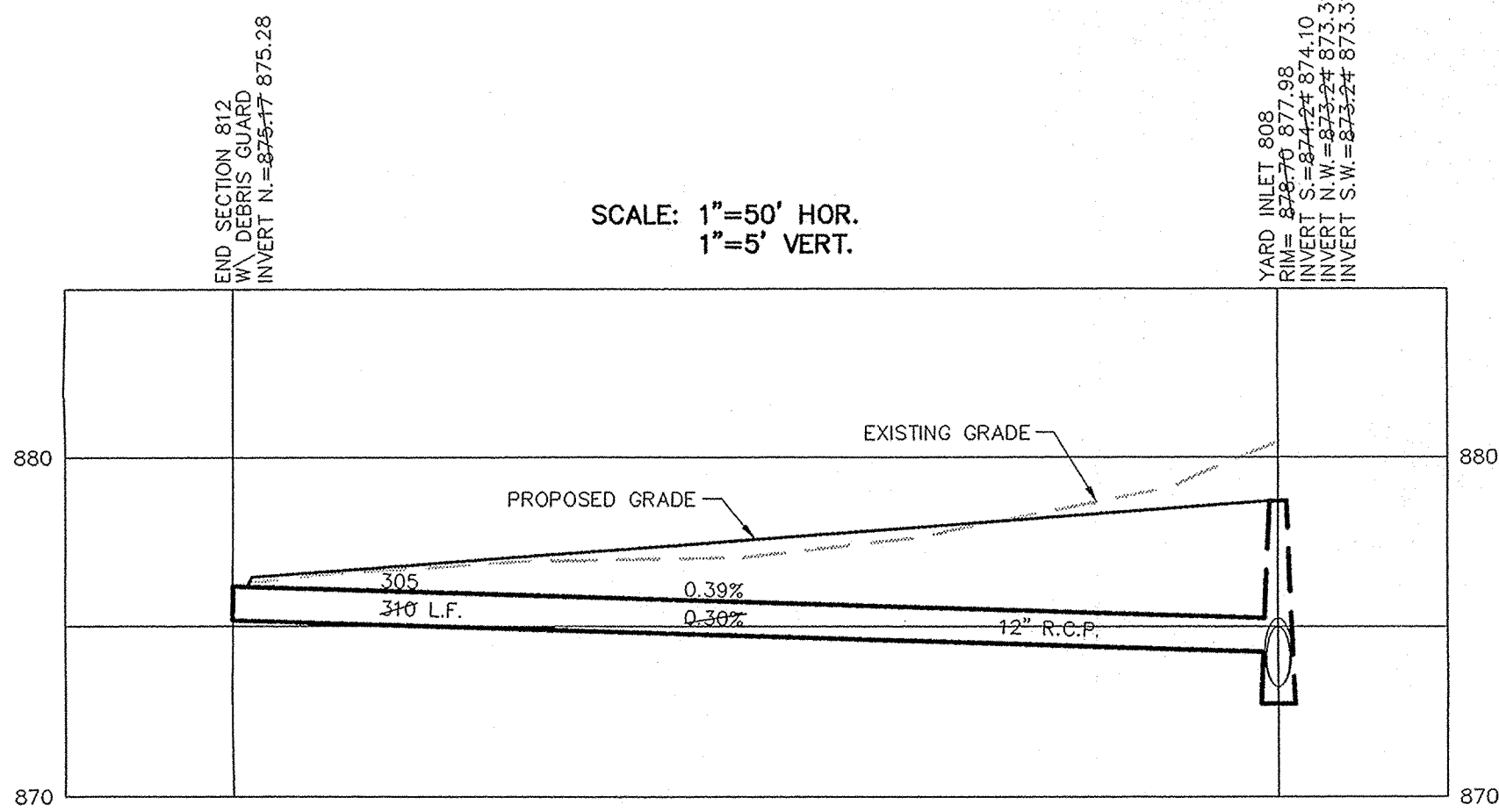
CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR 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.



CERTIFIED: 4/30/01
 CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA
SITE DEVELOPMENT PLAN
WINDSOR GROVE
 SHEET NO. 5 OF 28 SHEETS
 JOB NO. 02-2001-002
 DATE 4/30/01
 BY: JDU
 CHECKED: JDU
 DATE 4/30/01
 REVISIONS: 1- 7/19/01
 2- 7/19/01
 3- 7/19/01
 4- 7/19/01
 5- 7/19/01
 6- 7/19/01
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 27- 7/19/01
 28- 7/19/01

RECORD DRAWING

Jeffrey W. Darling
 JEFFREY W. DARLING 12/27/01
 Registered Land Surveyor DATE
 No. 900017

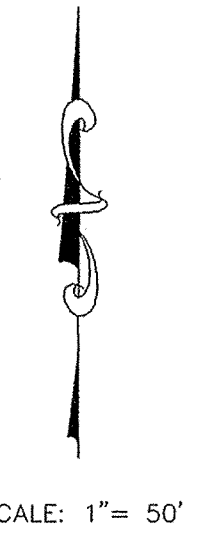


HAMILTON COUNTY
 INDIANA
 1823

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

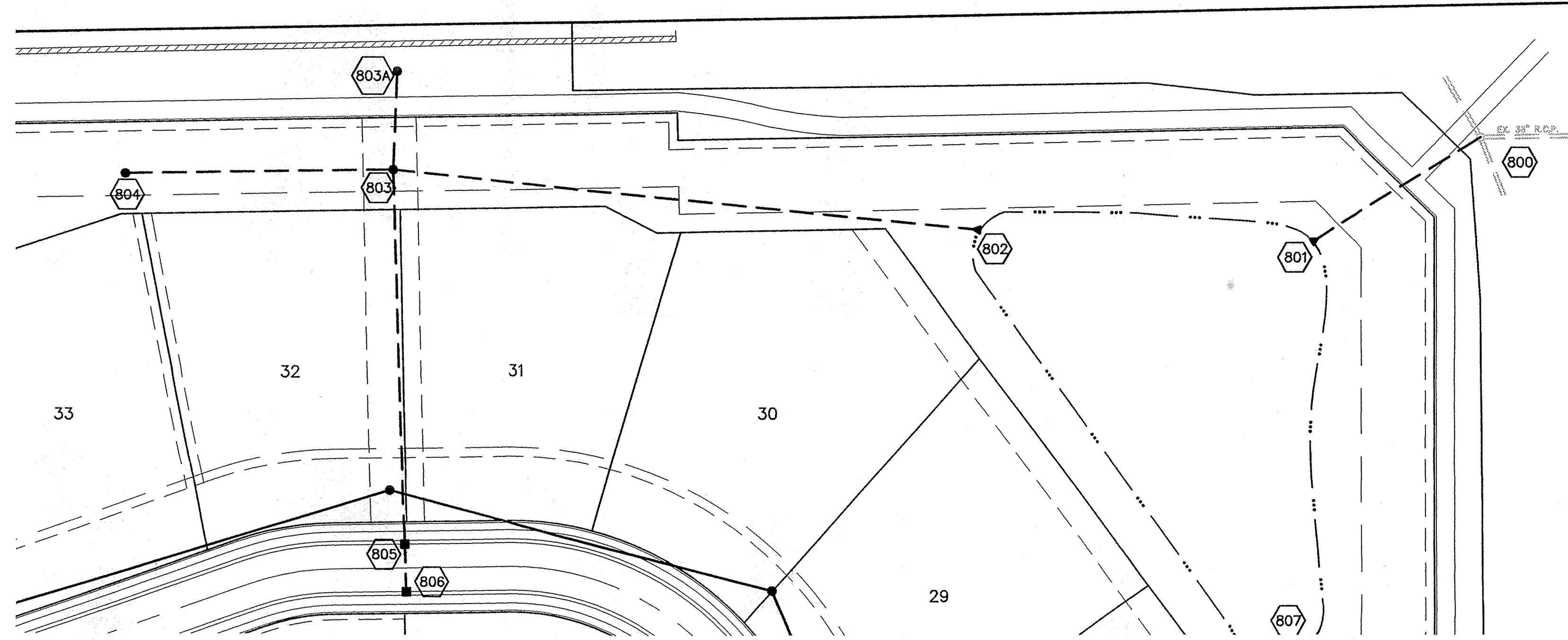
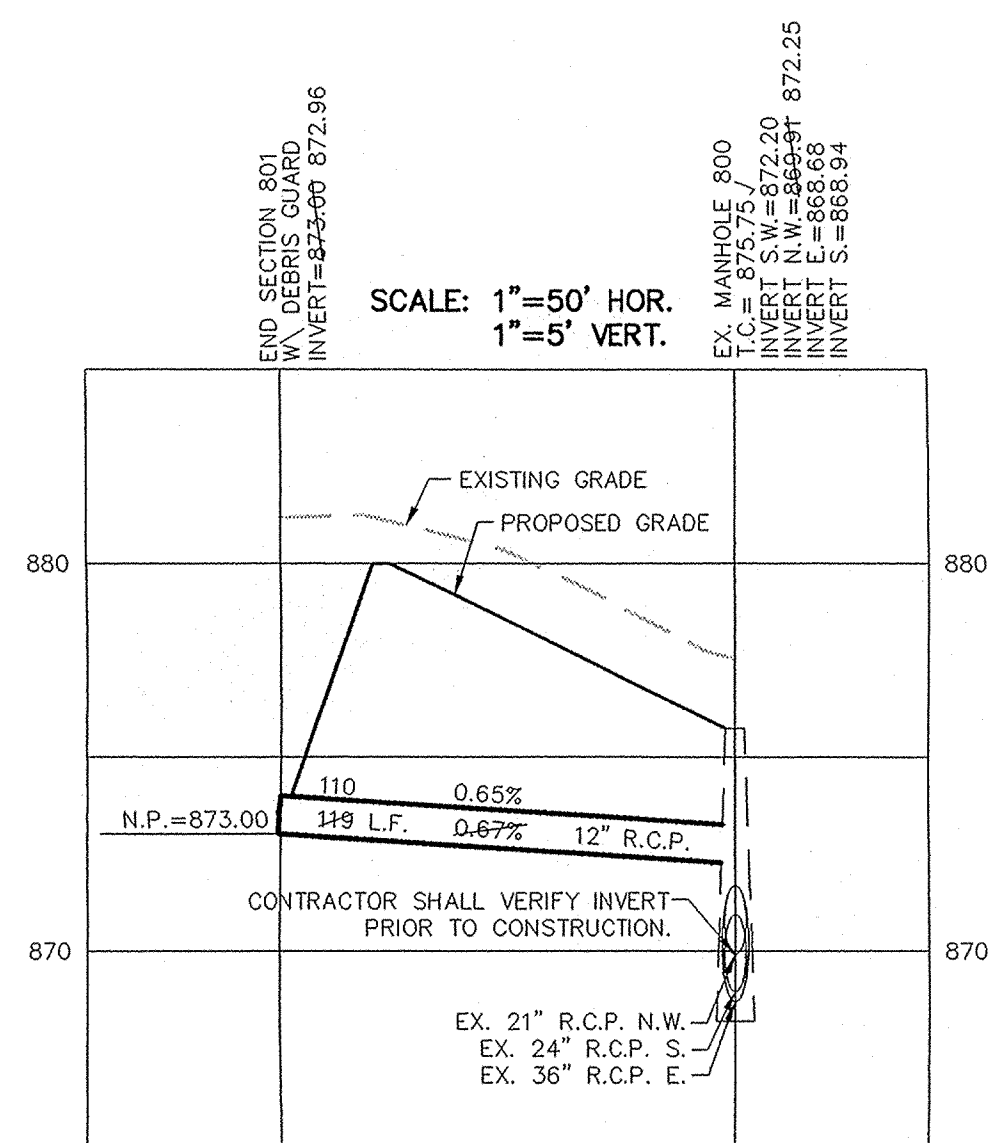
Entry Date: 6-20-04
 Entered by: JOH

PRINTED
 DEC 10 2003



SCALE: 1" = 50'

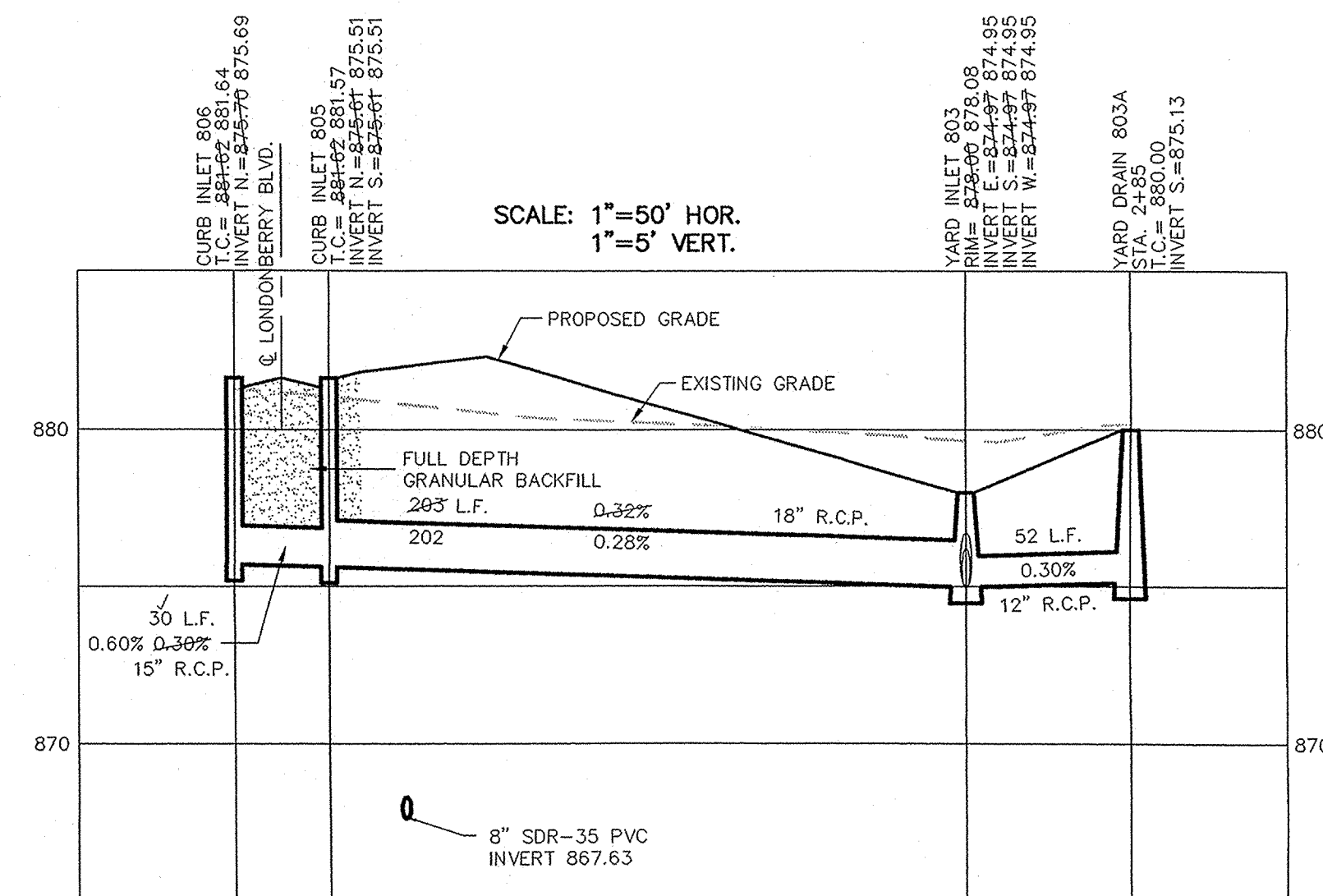
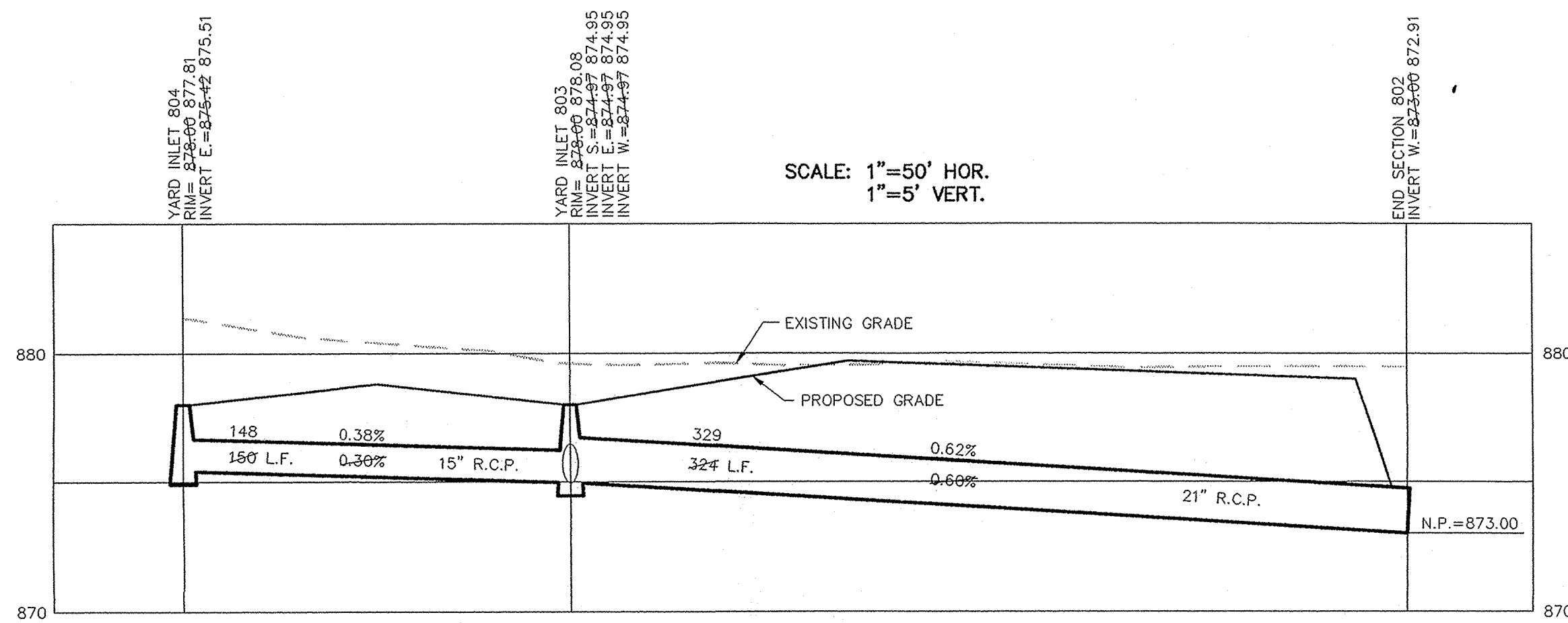
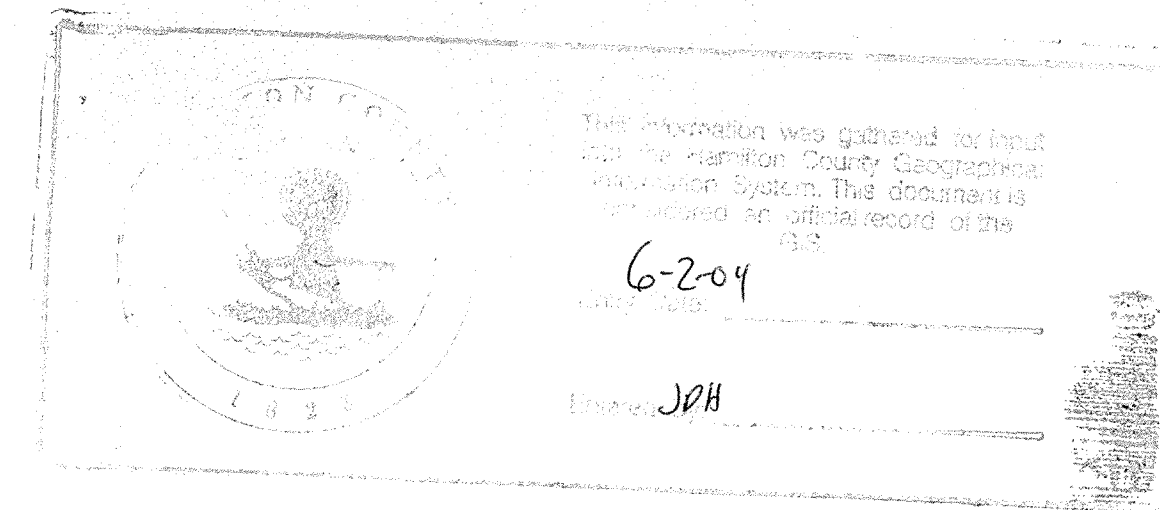
OWN. BY	SCS	OK BY	JOR	SCALE	1"=50'	DATE	4/30/01
ASBUILT DATE	ASBUILT	ASBUILT	ASBUILT	REVISIONS			
CERTIFIED: 4/30/01 David J. Stoppelweh REGISTERED PROFESSIONAL ENGINEER No. 19358 STATE OF INDIANA							
CONSULTING ENGINEERS - LAND SURVEYORS (317) 849-5935 1-800-728-6917 FAX (317) 849-5942 INDIANAPOLIS INDIANA							
STORM SEWER PLAN & PROFILE WINDSOR GROVE CARMEL INDIANA							
SHEET NO. 20 OF 28 SHEETS JOB NO. 33697							



RECORD DRAWING

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

12/27/01
DATE



PRINTED
DEC 1 0 2003

STORM SEWER PLAN & PROFILE
WINDSOR GROVE

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

DATE	MARK	REVISIONS	BY
4/30/01 <td></td> <td></td> <td></td>			
9/07/02 <td></td> <td></td> <td></td>			
12/27/01 <td></td> <td></td> <td></td>			
9/13/01 <td></td> <td></td> <td></td>			
7/19/01 <td></td> <td></td> <td></td>			

CERTIFIED: 4/30/01
David J. Stapp
REGISTERED PROFESSIONAL ENGINEER
No. 19358
STATE OF INDIANA

SHEET NO.
21
OF 28 SHEETS
JOB NO. 33697