

Gasb 34 Asset Price &
Drain Length Log

Drain-Improvement: John Edwards : Countryside Relocation

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
open	-	3583			\$19 ⁵⁵ lf	\$70,047 ⁶⁵
RCP	42"	210			\$52 ⁴⁵	\$11,056 ⁵⁰
	48"	131			\$66 ⁵⁵ lf	\$8,718 ⁰⁵
	54"	127			\$85 ⁴⁵ lf	\$10,852 ¹⁵
* Twin RCP	36"	252		*(x2)	\$32 ²⁵ lf	\$16,254 ⁰⁰
	48"	140		*(x2)	\$66 ⁵⁵ lf	\$18,634 ⁰⁰

Sum: 4443 \$135,562³⁵

Final Report: _____

Comments:
* Footage doubled when calculating the price.



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

*One Hamilton County Square
Noblesville, Indiana 46060-2230*

August 31, 2005

TO: Hamilton County Drainage Board

RE: John Edwards Regulated Drain

Attached is a petition and plans for the proposed relocation and reconstruction of the John Edwards Drain. The relocation and reconstruction is being proposed by Platinum Properties LLC. The John Edwards Drain has been rechanneled due to the development of Countryside. The original drain between Sta. 0 to Sta. 30+80 and between Sta. 43+37 to Sta. 62+30 has been removed. The new John Edwards Drain now consists of open channel and pipes as it is routed through the ponds constructed with Countryside.

The new drain is as follows:

The new open channel shall begin at the north property line of parcel 09-09-02-00-00-010.001, approximately 110 feet east of west property line of said parcel, as shown on sheets 4, 5, and 16 of the construction plans for Countryside Section 5A, as designed by Stoepfelwerth & Associates on February 11, 2002 and having job number 27930. This said starting point of beginning is 645 feet east and 155 feet north of the SW corner of SE Quarter of NW Quarter of Section 2 Twp 18N R3E. From said starting point, the open channel drains runs in a southeast direction for approximately 47 feet, then continues east approximately 642 feet, then turning south approximately 608 feet to structure 314. Structure 314 to structure 313 is 127 feet of 54" RCP which lies under Clear Lake Lane. Structure 313 inlets into Lake #1 and the drain runs approximately 450 feet south through Lake #1 to structure 82. Structure 82 to structure 81 is 131 feet of 48" RCP running in a southwest direction to Lake 1D. From structure 81 the drain runs approximately 270 feet through Lake 1D to structure 77. Structure 77 to structure 76, as shown on sheet 13 of the construction plans for 169th Street Realignment, as designed by Stoepfelwerth & Associates on January 20, 1999 and having job number 29730, is 210 feet of 42" RCP which lies under 169th Street. Structure 76 inlets into the existing lake in the original John Edwards Drain, at approximately Sta. 30+80. The drain runs through the existing lake and follows the original open channel, as shown on sheet 3 of

the construction plans for Countryside Section 7, as designed by Stoepfelwerth & Associates on December 18, 2001 and having job number 27930, to approximately Sta. 43+37 of the original drain, where it turn south approximately 28 feet into Lake 3, as shown on sheets 3 and 12 of the construction plans for Countryside Section 9, as designed by Stoepfelwerth & Associates on July 17, 2002 and having job number 27930. The drain runs 728 feet through Lake 3 in a southwest direction to structure 102. Structure 102 to structure 100 is 140 feet of twin 48" RCP. Structure 100 inlets into Lake 4A and the drain runs approximately 580 feet through Lake 4A in a southwest direction to structure 810, as shown on sheets 4 and 15 of the construction plans for Countryside Section 14, as designed by Stoepfelwerth & Associates on April 12, 2000 and having job number 27930. Structure 810/25B to structure 809/25A is 147 feet of twin 36" RCP. The second of the twin pipes, 25B to 25A, is shown on sheet 19 of the construction plans for Countryside Section 10, as designed by Stoepfelwerth & Associates on January 15, 2003 and having job number 27930. Structure 809 empties into Lake #8, as shown on sheets C200 and C601 of the construction plans for Countryside Section 13, as designed by Stoepfelwerth & Associates on August 17, 2004 and having job number 27930S13. The drain runs 230 feet through the Lake #8 in a southwest direction to structure 953/955A. Structure 953/955A to structure 953A/953B is 105 feet of twin 36" RCP. Structure 953A/953B ties back into the original John Edwards Drain channel at approximately Sta. 62+30.

This new drain is 4443 feet and therefore, the relocation and reconstruction will remove approximately 530 feet from the John Edwards Drain.

The retention ponds (Lake #1, 1D, existing lake, #3, #4A, and #8) located on parcels 09-09-02-00-00-005.002, 09-09-09-00-00-008.000, 09-09-02-00-00-010.000, 09-09-11-00-00-001.313, 09-09-11-00-00-001.503, and Block D of Countryside Section 13, all owned by Platinum Properties LLC., are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal, and erosion control along the banks as part of the regulated drain. The maintenance of the ponds (lakes) such as mowing and aquatic vegetation control will be the responsibility of the property owner. The Board will also retain jurisdiction for ensuring the storage volume for which the ponds were designed will be retained, thereby, allowing no fill or easement encroachments.

A drainage easement was granted to the Board of Commissioners of Hamilton County by Platinum Properties to allow full access of the regulated drain on parcels 09-09-02-00-00-005.002, 09-09-09-00-00-008.000, 09-09-02-00-00-009.000, 09-09-02-00-00-010.000, 09-09-02-00-00-010.001, 09-09-11-00-00-001.313, and 09-09-11-00-00-001.503. The easement was recorded as instrument number 200400010966, and amended as instrument number 200400019726, in the Office of the Hamilton County Recorder.

The cost of the relocation and reconstruction is to be paid by Platinum Properties LLC. 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 noticed hearing is not required for the petition.

The petitioner has provided a Performance Bond for the relocation associated with Countryside Section 13 as follows:

Name of Bonding Company: Bond Safeguard Insurance Company
Bond Number: 5017297
Bond Date: June 23, 2005
Bond Amount: \$73,428.00

I recommend that upon approval of the relocation and reconstruction of the above drain that the Board also approved the attached non-enforcement requests. The request is for the reduction of the regulated drain easements to those easement widths shown on the secondary plat for Countryside Section 5A, Countryside Section 4, Countryside Section 7, Countryside Section 9 and Countryside Section 13 as recorded in the Office of the Hamilton County Recorder.

I recommend approval by the Board at this time.

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', is written over a horizontal line. The signature is stylized and cursive.

Kenton C. Ward
Hamilton County Surveyor

KCW/grh

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

Platinum Properties, LLC

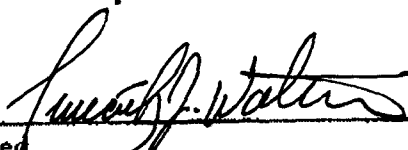
(hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the John Edwards Regulated Drain, and in support of

said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the John Edwards Regulated Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the John Edwards Regulated Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the John Edwards Regulated Drain, without cost to other property owners on the watershed of the John Edwards Regulated Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the John Edwards Regulated Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.


Signed _____
Timothy J. Walter
Printed _____

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **The Townhomes at Countryside, Section 13**

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: October 24, 2005

Type or Print Name: Jeffery W. Darling

Business Address: Stoepelwerth & Associates, Inc.

9940 Allisonville Road. Fishers. Indiana 46038

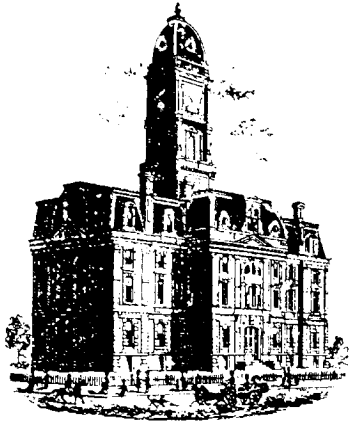
Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017





Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

March 18, 2008

Re: Little Eagle Creek: John Edwards – Countryside Relocation

Attached are as-builts, certificate of completion & compliance, and other information for the Countryside Relocation. 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 August 31, 2005. The report was approved by the Board at the hearing held January 9, 2006. (See Drainage Board Minutes Book 8, Pages 582-583)
The changes are as follows:
The twin 36" RCP between STRs 953A/953B to 953/955A was shortened from 105 feet to 68 feet and the endsections removed from 953/955A. These are now just outlets in a stone wall. The length of the drain due to the changes described above is now **4406 feet**. The total length of open ditch removed from the John Edwards drain was 4973 feet. Therefore, 567 feet was removed from the overall drain length .

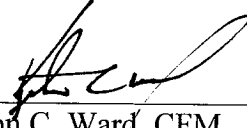
The non-enforcement was approved by the Board at its meeting on January 9, 2006 and recorded under instrument #'s 200600004912, 200600004914, 200600004916, 200600004918, 200600004920.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its May 29, 2007 meeting.

Bond-LC No: 5017297
Insured For: Storm Sewers
Amount: \$73,428.00
Issue Date: June 23, 2005

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

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Ward', written over a horizontal line.

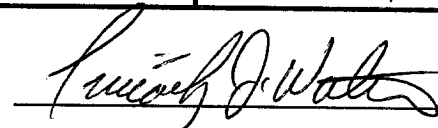
Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm



Countryside Section 13
 Engineers Estimate - Edwards Regulated Drain Relocation
 Revised 6/21/2005
 By: TJW

Item	Unit	Unit Cost	Quantities	Cost
Storm Drainage				
36" Pipe	LF	\$ 48.00	365 \$	17,520
36" End Section	EA	\$ 1,500.00	5 \$	7,500
36" Trash Guard	EA	\$ 350.00	2 \$	700
Sand Backfill and Stone Bedding	TON	\$ 8.50	190 \$	1,615
Total				\$ 27,340
Excavation				
Pond Excavation	CYS	\$ 2.30	11,500.00 \$	26,450
Ditch Dredging	CYS	\$ 1.40	1,500.00 \$	2,100
Total				\$ 28,550
Erosion Control				
Seeding and Grading	SF	\$ 0.05	16,000.00 \$	800
Erosion control blankets	SF	\$ 0.15	30,000.00 \$	4,500
Total				\$ 5,300
Grand Total				\$ 61,190
Per Hamilton County Ordinance - Bond Amount				120% \$ 73,428

BY: 
 Timothy J. Walter, P.E.
 Indiana Registration No. 19900152

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

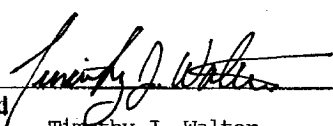
PETITION FOR RELOCATION AND RECONSTRUCTION

Platinum Properties, LLC (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the John Edwards Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the John Edwards Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the John Edwards Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the John Edwards Drain, without cost to other property owners on the watershed of the John Edwards Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the John Edwards Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Signed 
Timothy J. Walter

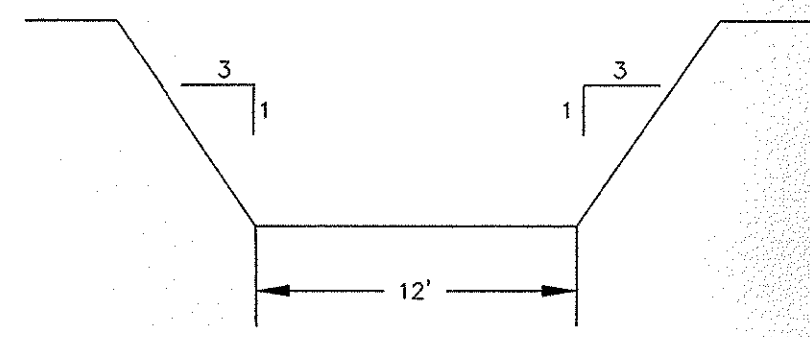
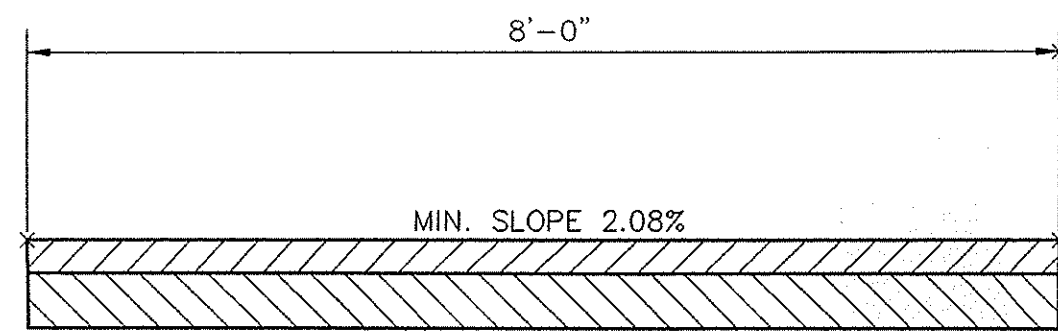
Printed

FILED

AUG 22 2001

OFFICE OF HAMILTON COUNTY SURVEYOR

842



SECTION "A"-"A"
NOT TO SCALE

STORM TABLE

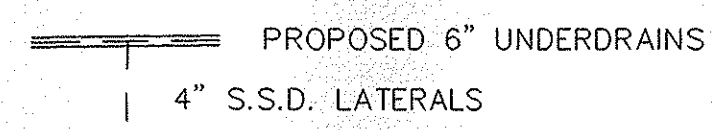
Str. No.	Type	Tc/Rim	Inverts	Dir.
300	CONC. END SECTION		898.00 (NW)	
301	CURB INLET (TR)	906.00	901.62 (NW)(SE)	
302	CURB INLET (TL) W/MH	905.50	901.86 (SW)(SE)	
303	CURB INLET (TL)	905.50	902.00 (NE)	
304	CONC. END SECTION		899.51 (SE)(NW)	
305	DBL. CURB INLET (TL)	904.00	899.15 (W)(E)	
306	DBL. CURB INLET (TR)	904.00	899.29 (S)(NE)	
307	YARD INLET	904.00	899.97 (N)(S)(SW)	
308	YARD INLET	904.50	900.41 (SE)	
309	DBL. CURB INLET	908.00	904.48 (NE)	
310	MANHOLE	907.90	901.20 (S)(E)	
311	CURB INLET (TL)	905.30	901.69 (N)(W)	
312	CURB INLET	902.50	899.98 (NE)	
313	CONC. END SECTION		898.00 (S)	
314	CONC. END SECTION		898.26 (N)	
315	CONC. END SECTION		899.63 (W)	
316	DBL. CURB INLET (TR)	903.80	900.11 (W)(E)	
317	CURB INLET (TR) W/MH	903.80	900.19 (SW)(E)	
318	CURB INLET (TR) W/MH	903.60	900.33 (NE)(S)	
319	DBL. CURB INLET	903.60	900.41 (SW)(N)	
320	MANHOLE	904.50	900.62 (NE)(S)	
321	YARD INLET	904.50	900.96 (W)(N)	
322	CONCRETE END		901.81 (S)	
323	CURB INLET (TR)	905.84	902.28 (N)(S)	
324	CURB INLET	905.84	902.36 (S)(N)	
325	CONCRETE END*		903.37 (N)	
326	CONCRETE END		902.51 (SW)	
327	YARD INLET	906.50	902.62 (W)(S)	
328	CURB INLET (TR)	907.70	903.02 (E)	
329	CURB INLET (TL)	907.75	903.11 (N)(S)	
330	YARD INLET	906.00	903.52 (N)	
333	CONC. END SECTION		906.00 (S)	
334	CURB INLET (TR)	910.32	906.41 (S)(N)	
335	CURB INLET (TL) W/MH	910.32	906.49 (N)(SW)	
336	CURB INLET (TL) W/MH	910.20	906.62 (NE)(W)	
337	CURB INLET (TL)	910.20	906.70 (E)	
338	YARD INLET	906.50	902.13 (N)(E)(W)	
349	CURB INLET (TL) W/MH	904.90	900.95 (NE)(S)	

LEGEND

- 848 --- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- 848 --- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER)

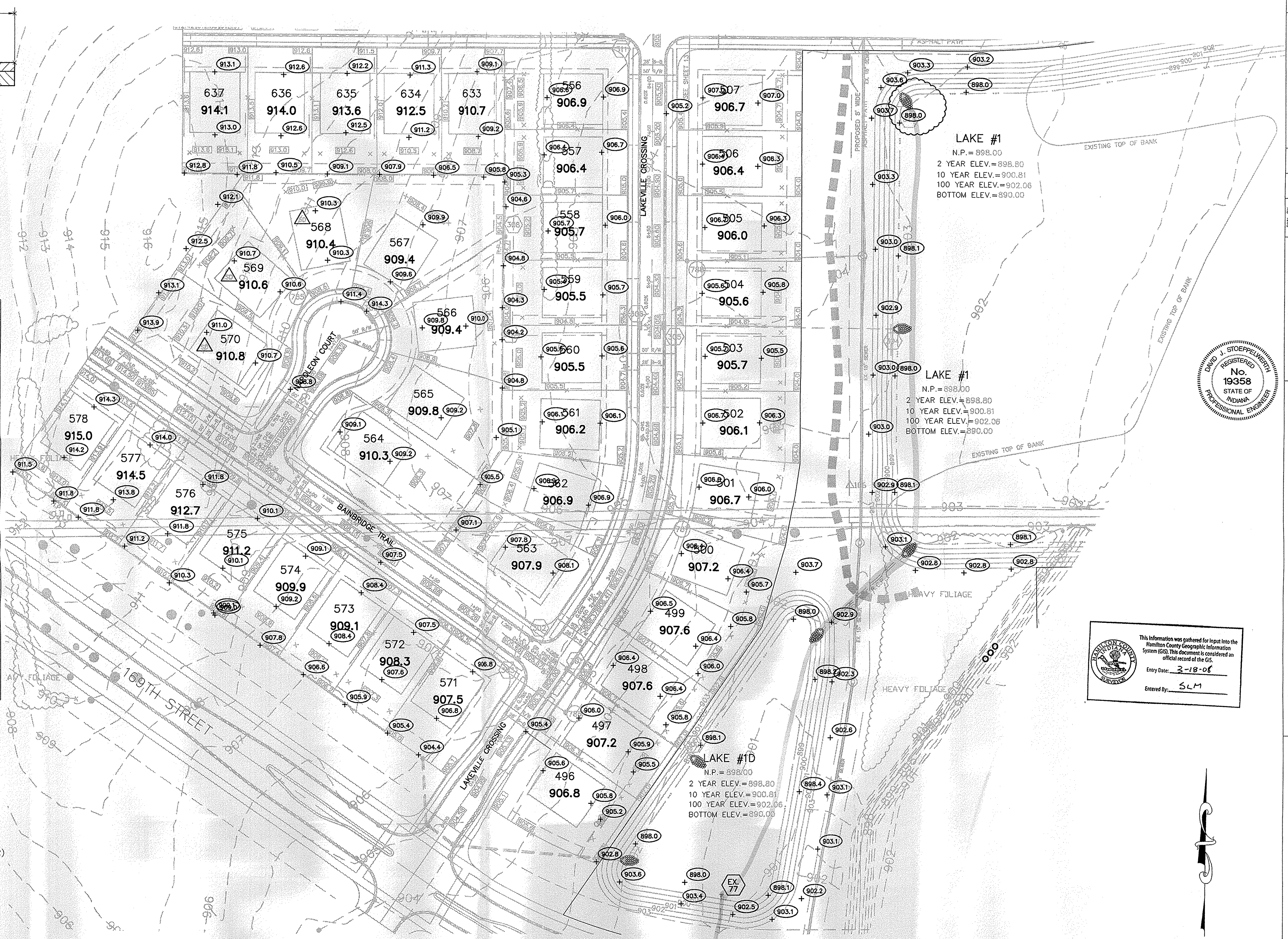
460 LOT NUMBER
903.7 PAD ELEVATION
PAD SIZE 60'x60'

ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.



GENERAL NOTES:

- 1.) CONTRACTOR SHALL GRADE SIDE YARDS TO GRADES INDICATED ON SITE DEVELOPMENT PLAN.
- 2.) 4' CONCRETE WALK ACROSS THE FRONTAGE OF ANY COMMON AREAS TO BE INSTALLED BY THE DEVELOPER OR THEIR REPRESENTATIVE.



LAKE #1
N.P. = 898.00
2 YEAR ELEV. = 898.80
10 YEAR ELEV. = 900.81
100 YEAR ELEV. = 902.06
BOTTOM ELEV. = 890.00

LAKE #1
N.P. = 898.00
2 YEAR ELEV. = 898.80
10 YEAR ELEV. = 900.81
100 YEAR ELEV. = 902.06
BOTTOM ELEV. = 890.00

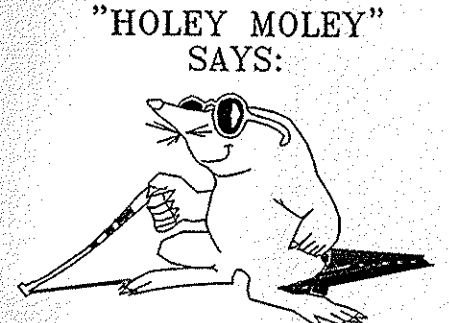
LAKE #1D
N.P. = 898.00
2 YEAR ELEV. = 898.80
10 YEAR ELEV. = 900.81
100 YEAR ELEV. = 902.06
BOTTOM ELEV. = 890.00

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 3-18-08
Entered By: SLM

SCALE: 1" = 50'

RECORD DRAWING

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017
DATE 11/22/02



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, pits, 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. 1 2004

CERTIFIED: 2/11/02

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

INDIANAPOLIS INDIANA WESTFIELD

SITE DEVELOPMENT PLAN
COUNTRYSIDE SECTION 5A

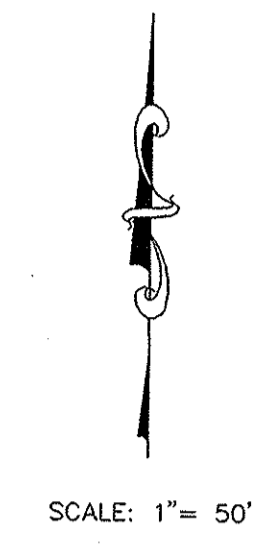
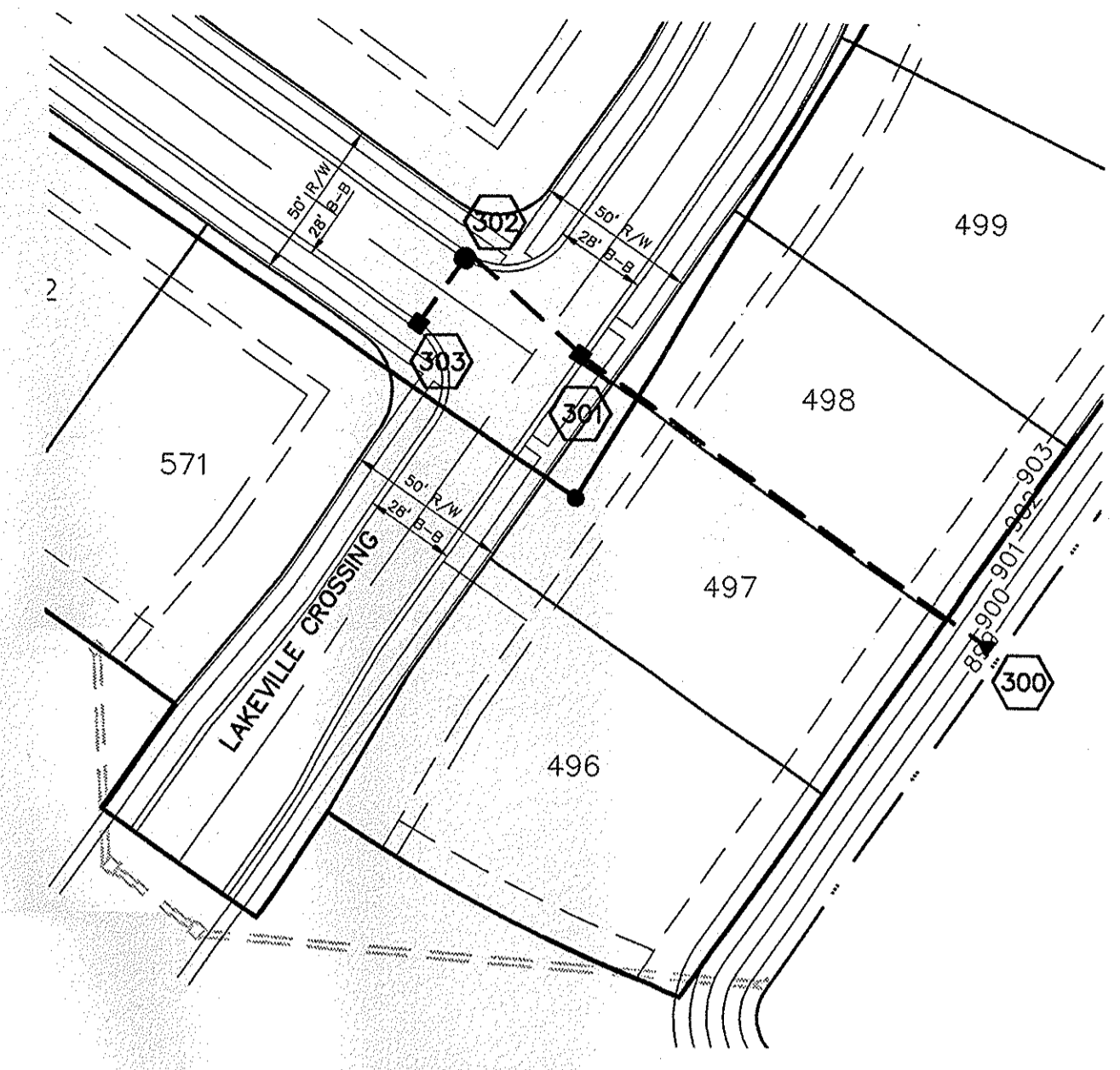
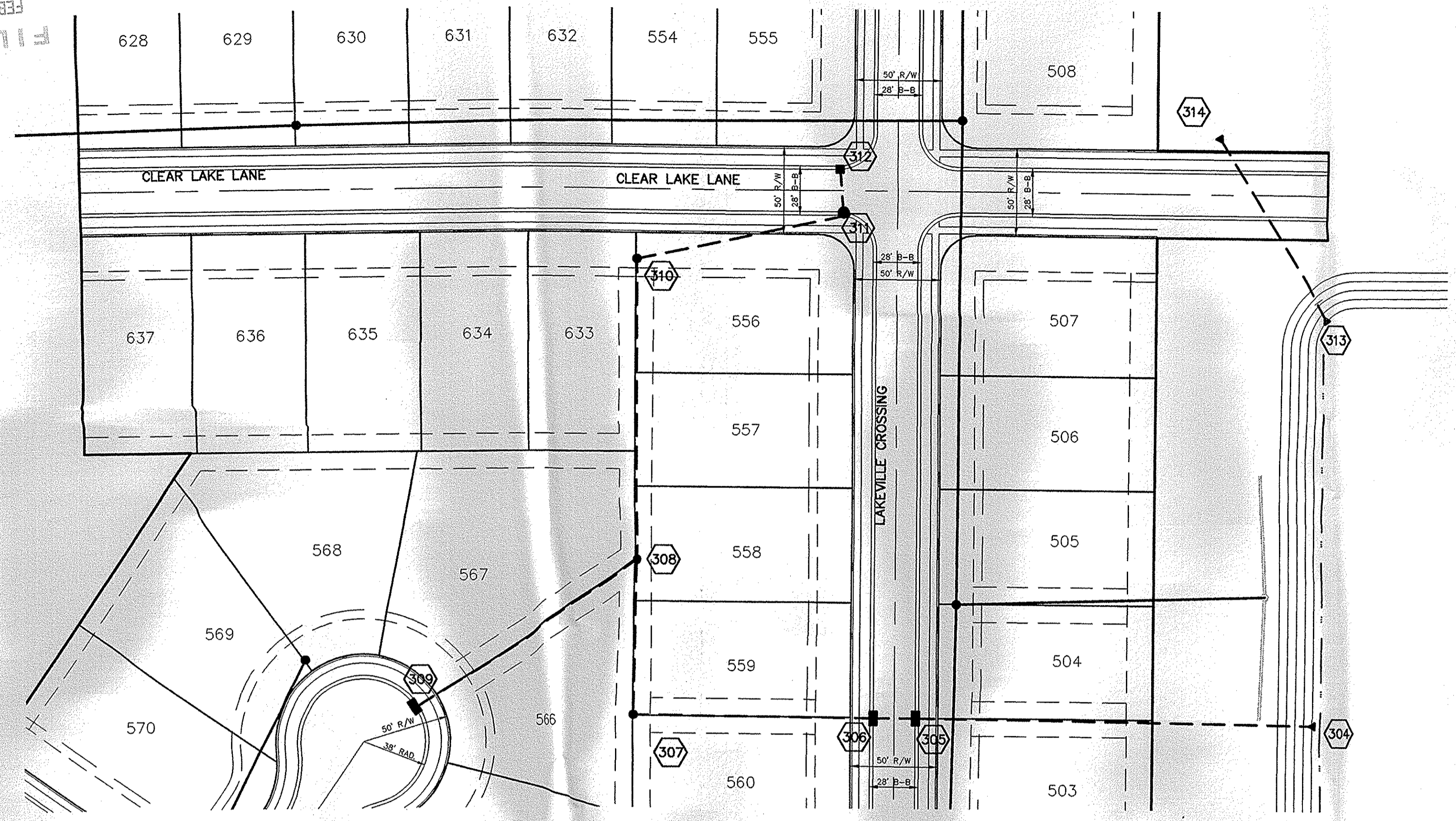
SHEET NO. 5 OF 24 SHEETS
JOB NO. 27930

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

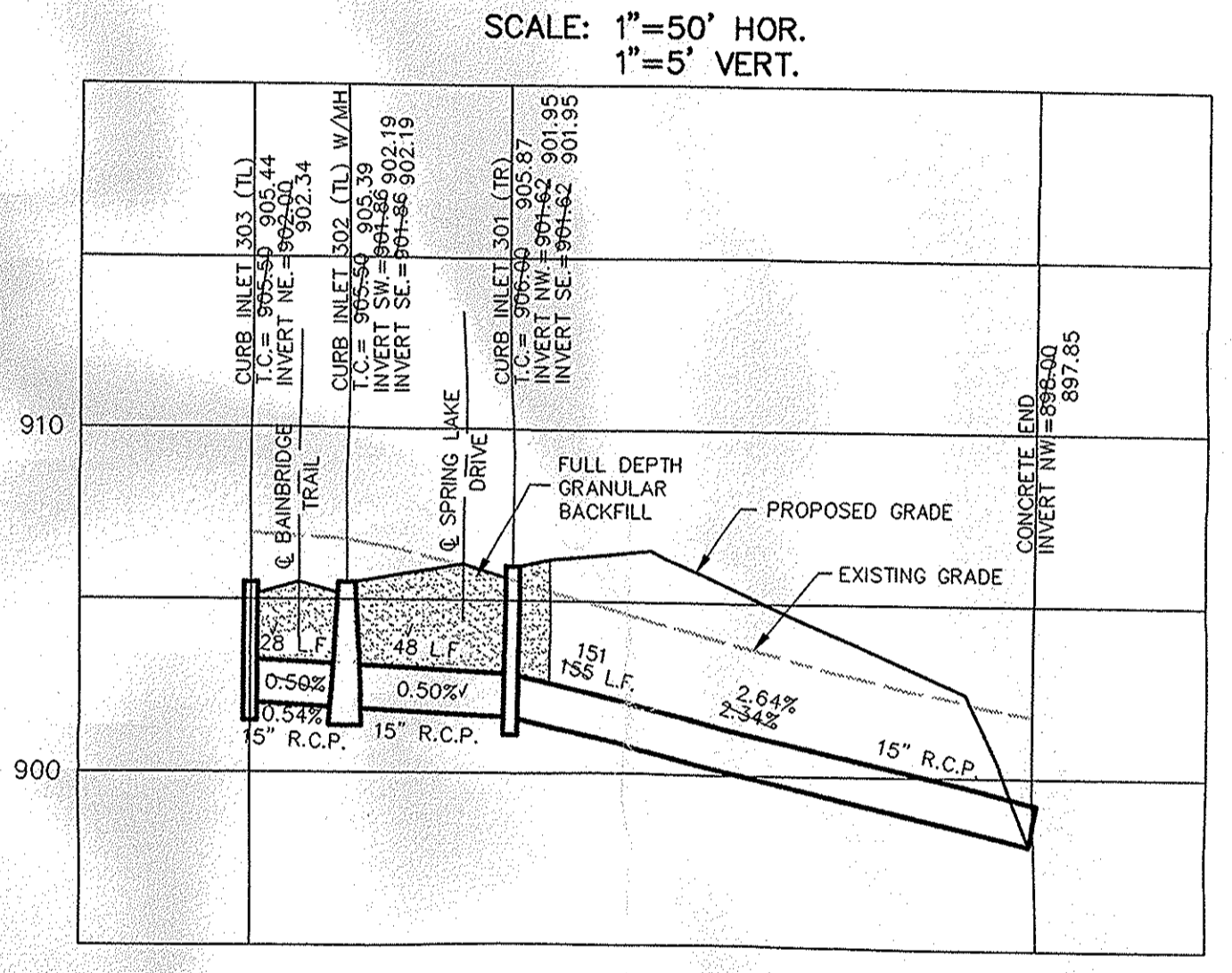
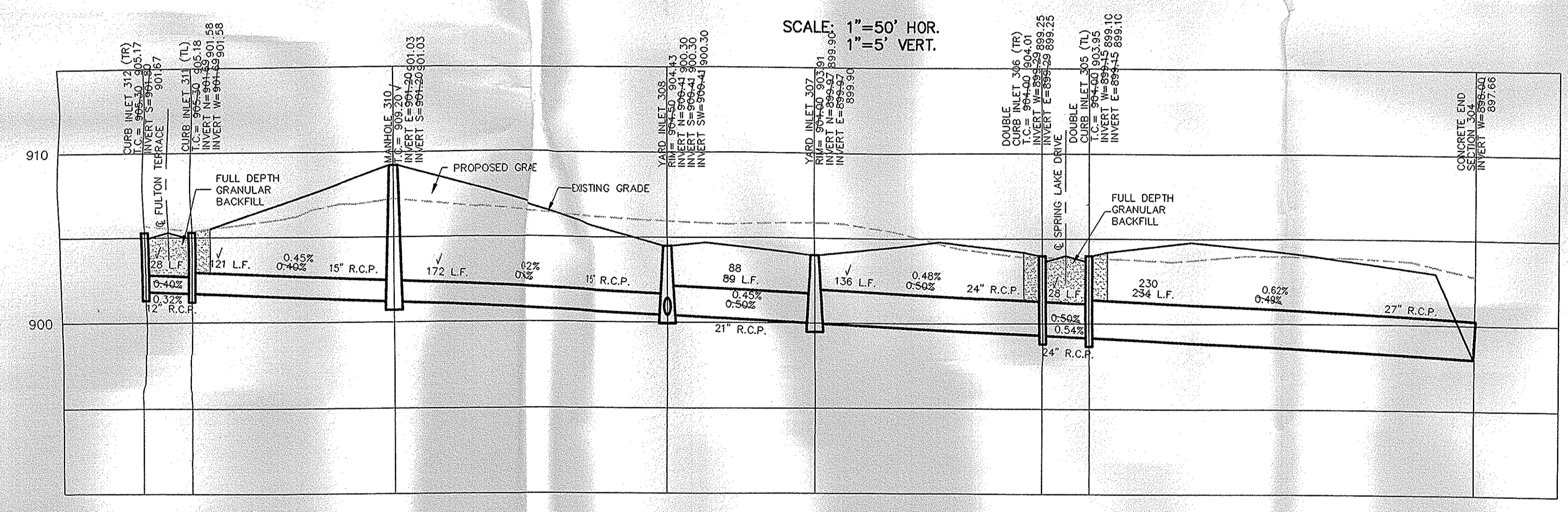
REVISIONS

DATE	MARK	REVISIONS
2/11/02		

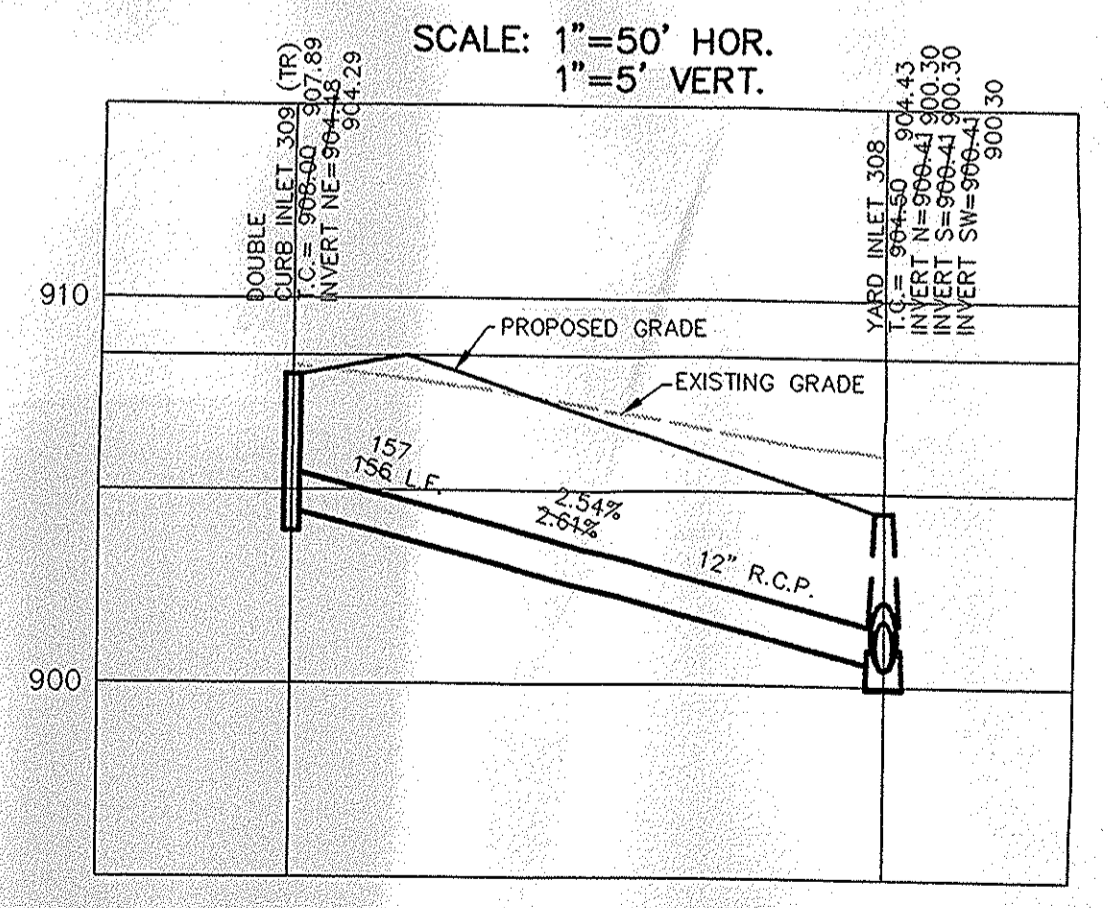
FILED
FEB 11 2004
OFFICE OF HAMILTON COUNTY ENGINEERS



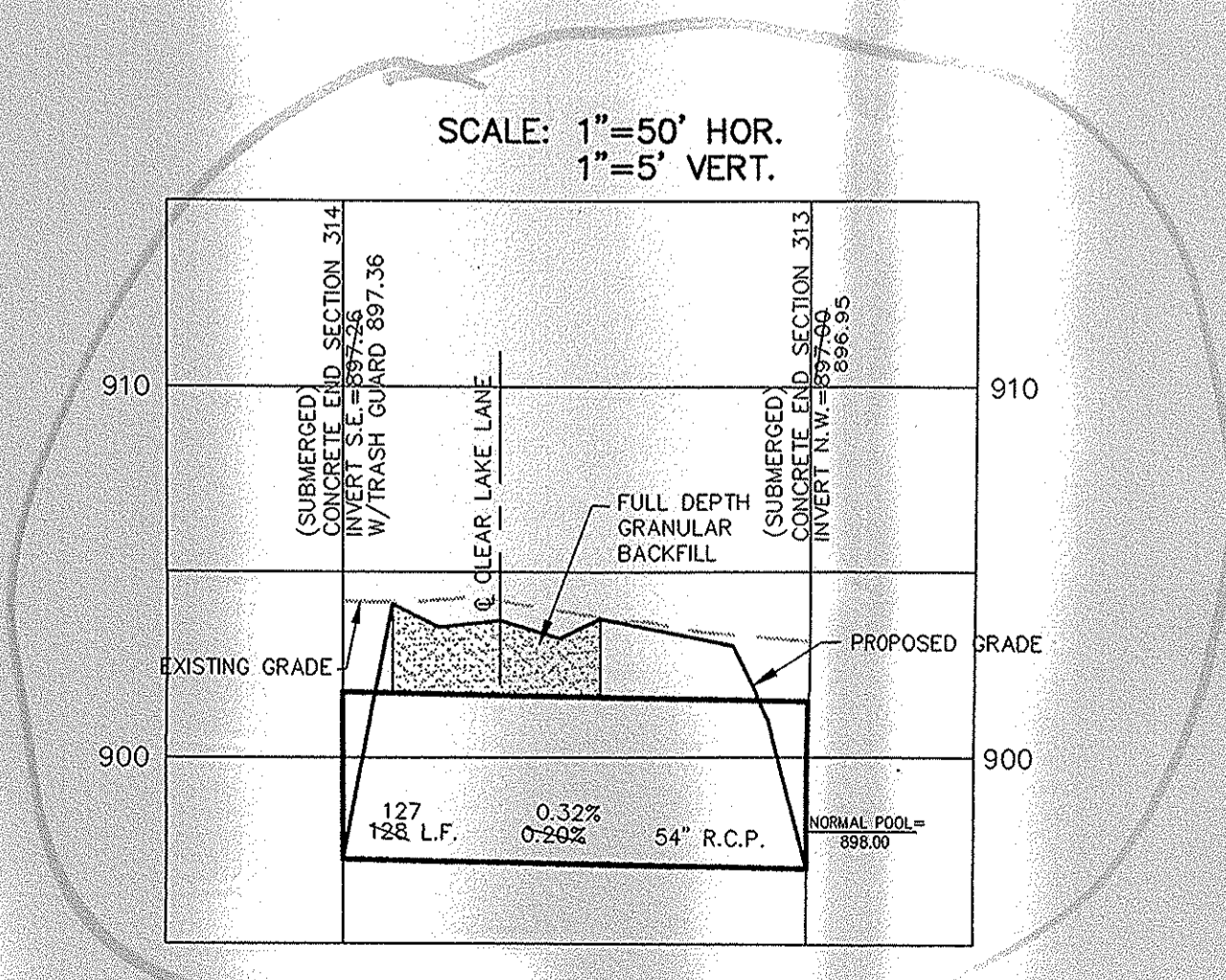
SCALE: 1" = 50'



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



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



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

RECORD DRAWING

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



11/19/02
DATE

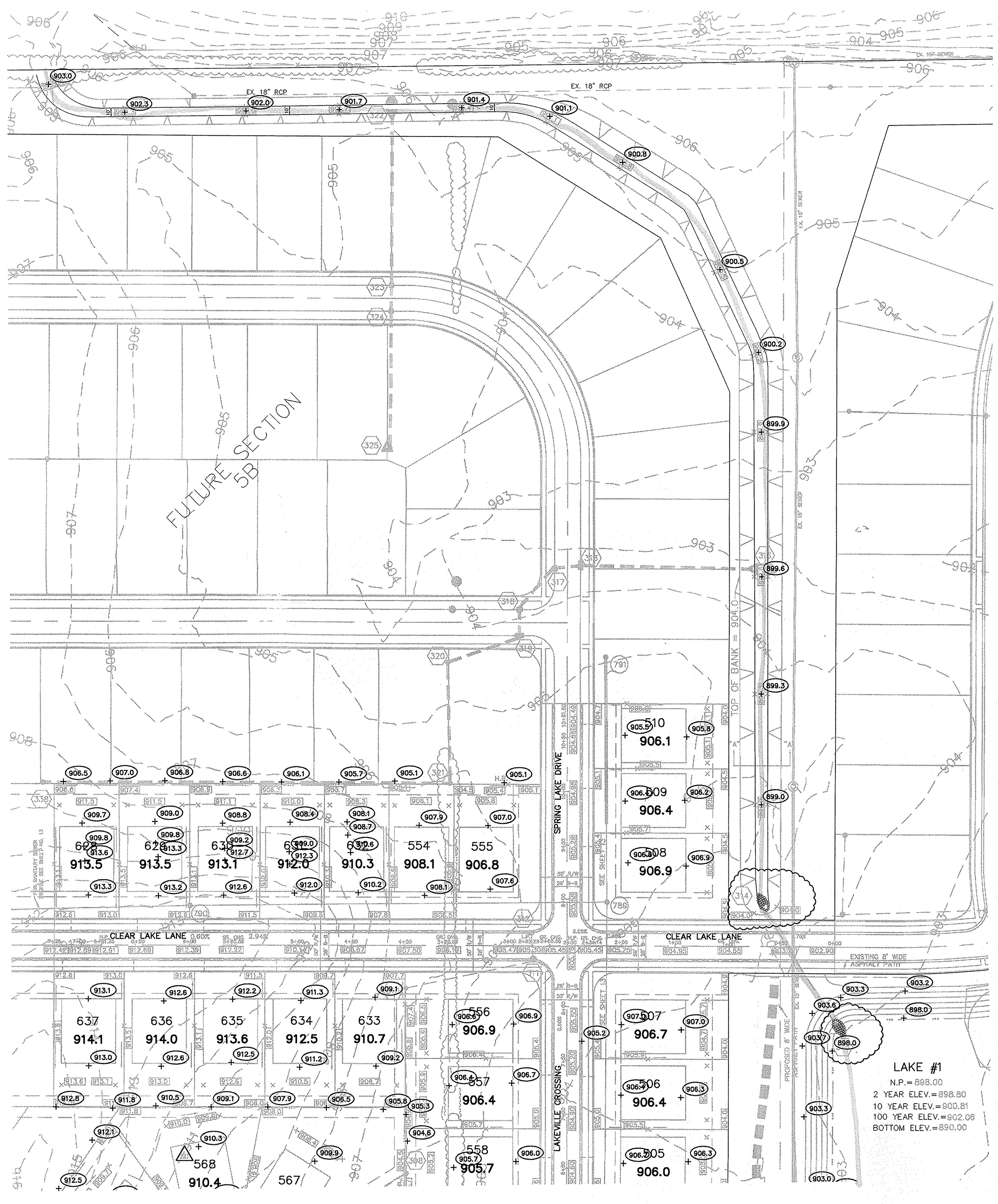
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 3-18-08
Entered By: SLM

DATE BY	DATE	MARK	REVISIONS
DMK	11/19/02		AS-BUILTS
EEF	07/20/02		REV. ETC. 313-314
SCALE	1"=50'		REV. ETC. 313-314
DATE	2/11/02		

CERTIFIED: 2/11/02
David J. Stoppelweh
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

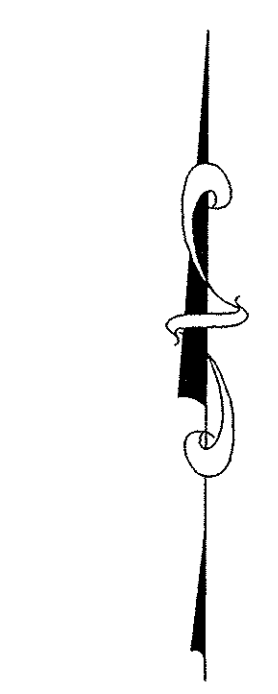
STORM SEWER PLAN & PROFILE
COUNTRYSIDE SECTION 5A
WESTFIELD INDIANA

SHEET NO.
16
OF 24 SHEETS
JOB NO. 27930



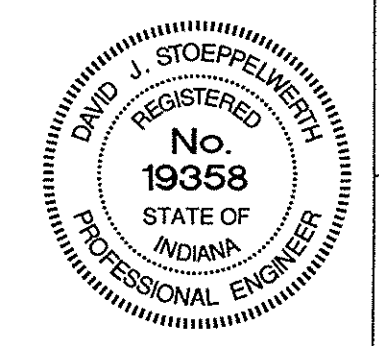
RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING DATE 11/22/02
 Registered Land Surveyor No. 900017



SCALE: 1" = 50'

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: 3-18-06
 Entered By: SLM



- 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)

460 LOT NUMBER
 903.7 PAD ELEVATION
 PAD SIZE 60'x50'

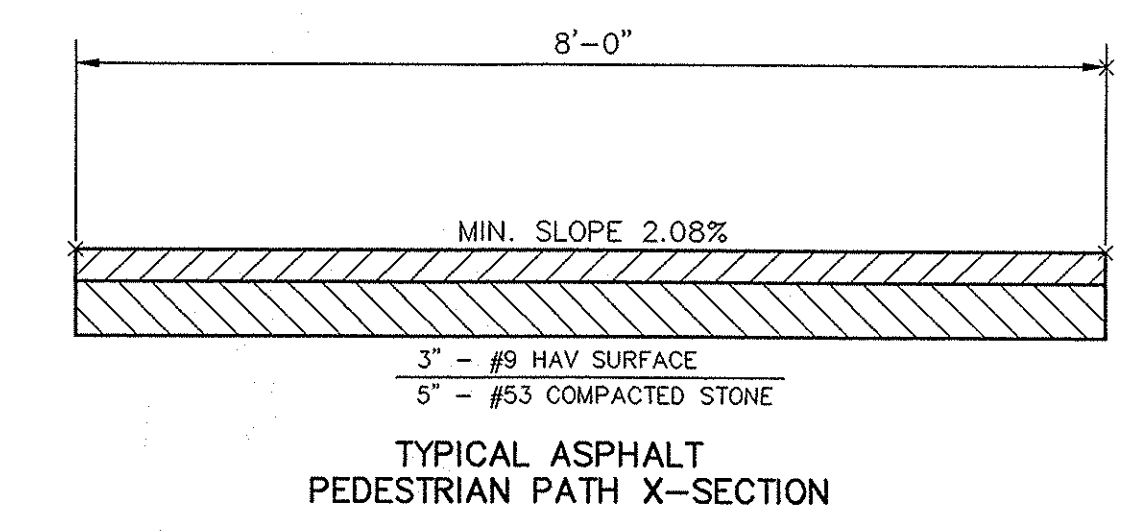
SPECIAL DRAINAGE (FROM REAR OF LOT TO FRONT AROUND HOUSE)

PROPOSED 6" UNDERDRAINS
 4" S.S.D. LATERALS

- GENERAL NOTES:**
- CONTRACTOR SHALL GRADE SIDE YARDS TO GRADES INDICATED ON SITE DEVELOPMENT PLAN.
 - 4' CONCRETE WALK ACROSS THE FRONTAGE OF ANY COMMON AREAS TO BE INSTALLED BY THE DEVELOPER OR THEIR REPRESENTATIVE.

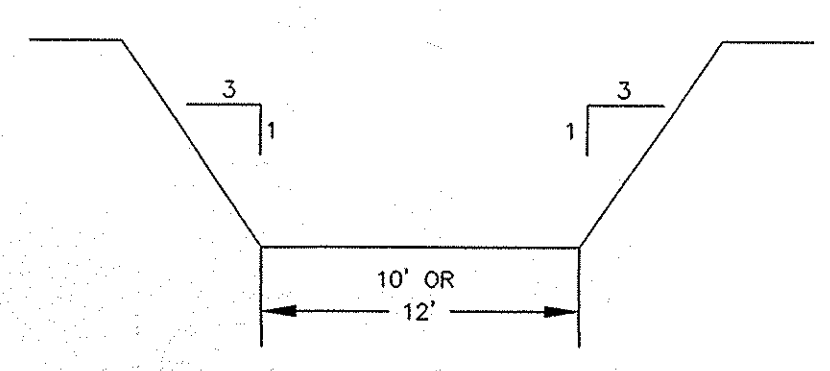
ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

NOTE: ALL EXISTING LEGAL DRAIN FIELD TILE TO BE LOCATED AND CRUSHED DURING CONSTRUCTION OF THIS SECTION.



"HOLEY MOLEY" SAYS:

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



SECTION "A"- "A"
 NOT TO SCALE

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: 2/11/02
 CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA
 SITE DEVELOPMENT PLAN
 COUNTRYSIDE SECTION 5A
 WESTFIELD
 SHEET NO. 4 OF 24 SHEETS
 JOB NO. 27930
 FEB 11 2004
 REVISIONS:



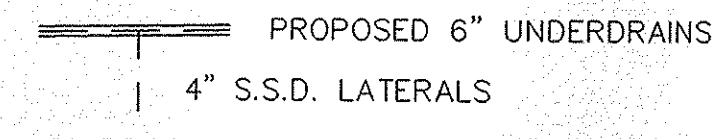
SCALE: 1" = 50'

LEGEND

- 840 — EXISTING CONTOUR
- 840 — EXISTING SANITARY SEWER
- 840 — EXISTING STORM SEWER
- 840 — PROPOSED GRADE
- 840 — PROPOSED CONTOUR
- 840 — PROPOSED SANITARY SEWER
- 840 — PROPOSED STORM SEWER
- 840 — PROPOSED SWALE
- 840 — PROPOSED 4' SIDEWALK (BY HOME BUILDER)

460 LOT NUMBER
903.7 PAD ELEVATION
PAD SIZE 50'x60'

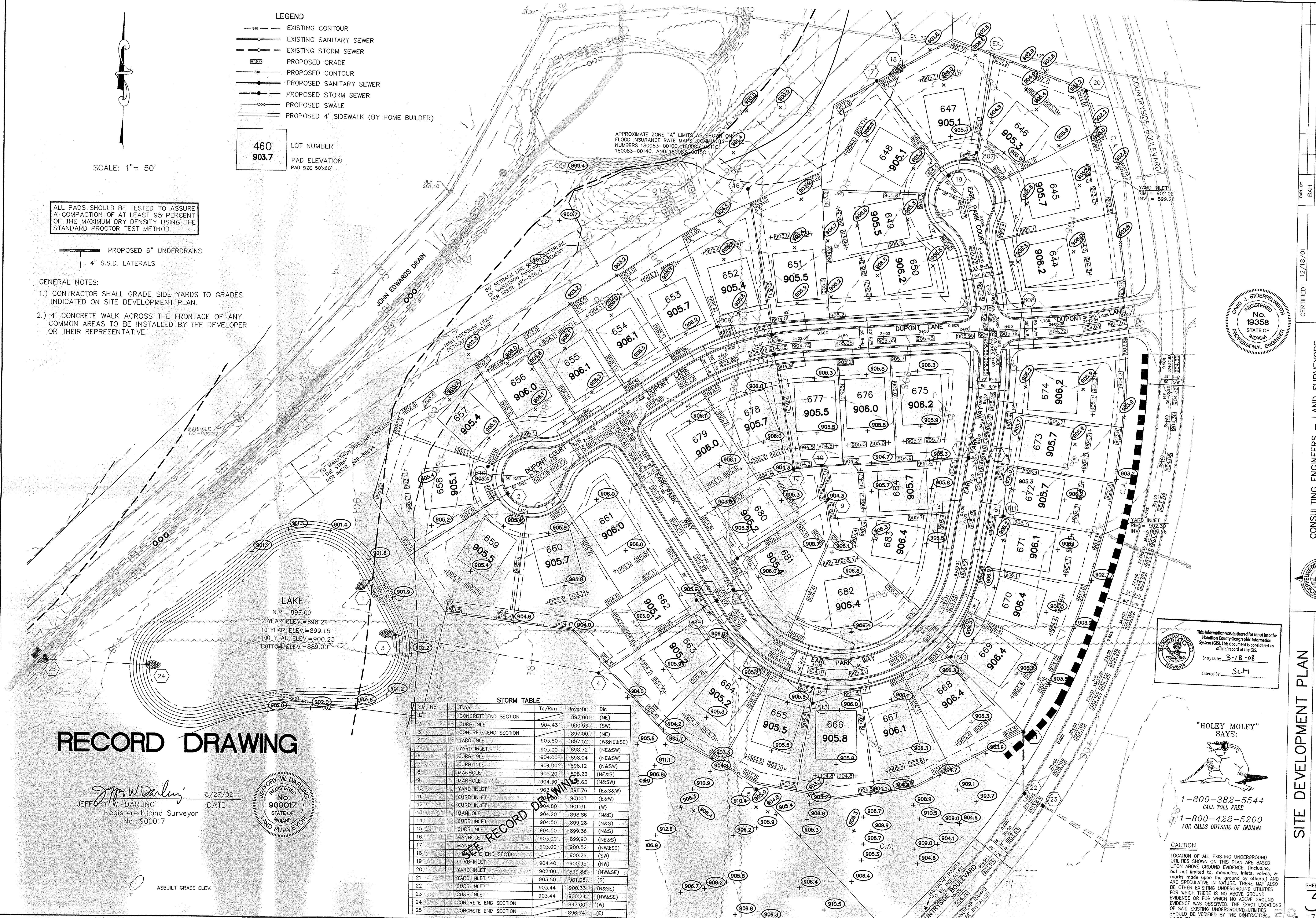
ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.



GENERAL NOTES:

- 1.) CONTRACTOR SHALL GRADE SIDE YARDS TO GRADES INDICATED ON SITE DEVELOPMENT PLAN.
- 2.) 4' CONCRETE WALK ACROSS THE FRONTAGE OF ANY COMMON AREAS TO BE INSTALLED BY THE DEVELOPER OR THEIR REPRESENTATIVE.

APPROXIMATE ZONE "A" LIMITS AS SHOWN ON FLOOD INSURANCE RATE MAPS, COMMUNITY NUMBERS 180083-0010C, 180083-0011C, 180083-0014C, AND 180083-0015C.



LAKE
N.P. = 897.00
2' YEAR ELEV. = 898.24
10 YEAR ELEV. = 899.15
100 YEAR ELEV. = 900.23
BOTTOM ELEV. = 889.00

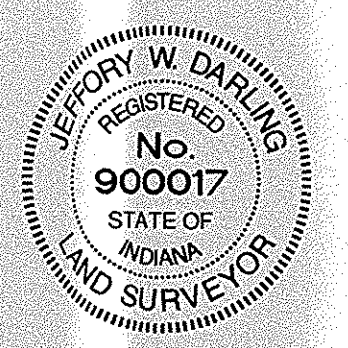
STORM TABLE

St. No.	Type	Te/Rim	Inverts	Dir.
1	CONCRETE END SECTION	897.00	897.00	(NE)
2	CURB INLET	904.43	900.93	(SW)
3	CONCRETE END SECTION	897.00	897.00	(NE)
4	YARD INLET	903.50	897.52	(W&N&E)
5	YARD INLET	903.00	898.72	(NE&SW)
6	CURB INLET	904.00	898.04	(NE&SW)
7	CURB INLET	904.00	898.12	(N&S)
8	MANHOLE	905.20	898.23	(NE&S)
9	MANHOLE	904.30	896.63	(N&S)
10	YARD INLET	903.40	898.76	(E&S&W)
11	CURB INLET	904.00	901.03	(E&W)
12	CURB INLET	904.80	901.31	(W)
13	MANHOLE	904.20	898.86	(N&E)
14	CURB INLET	904.50	899.28	(N&S)
15	CURB INLET	904.50	899.36	(N&S)
16	MANHOLE	903.00	899.90	(NE&S)
17	MANHOLE	903.00	900.52	(NW&SE)
18	CONCRETE END SECTION	900.76	900.76	(SW)
19	CURB INLET	904.40	900.95	(NW)
20	YARD INLET	902.00	899.88	(NW&SE)
21	YARD INLET	903.50	901.08	(S)
22	CURB INLET	903.44	900.33	(N&SE)
23	CURB INLET	903.44	900.24	(NW&SE)
24	CONCRETE END SECTION	897.00	897.00	(W)
25	CONCRETE END SECTION	896.74	896.74	(E)

RECORD DRAWING

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

8/27/02 DATE



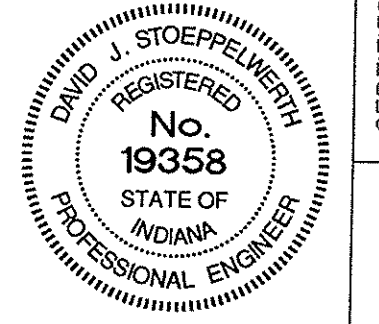
ASBUILT GRADE ELEV.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 3-18-08
Entered by: SLM

"HOLEY MOLEY" SAYS:

1-800-382-5444
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: 12/18/01
David J. Stapp
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

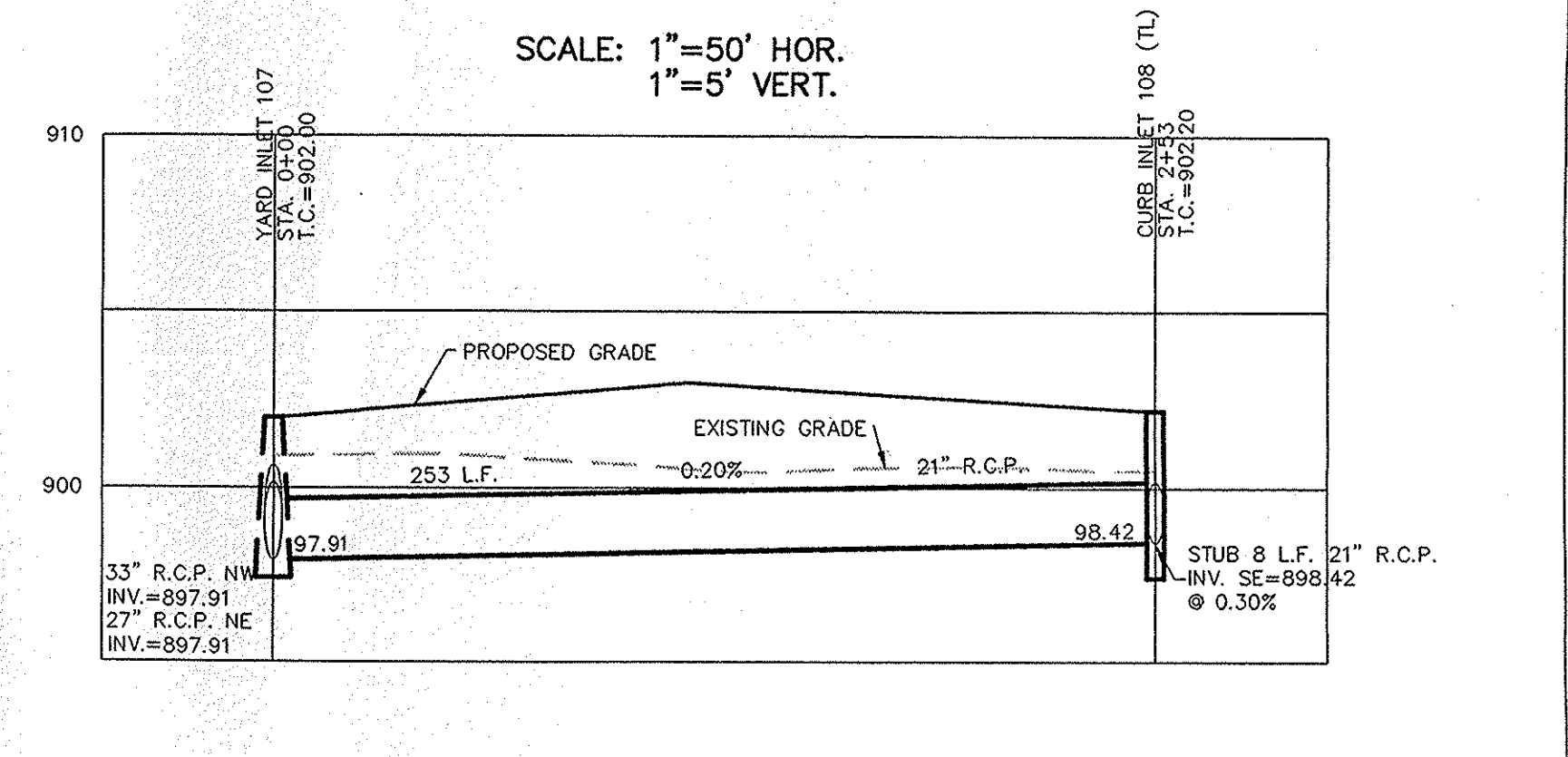
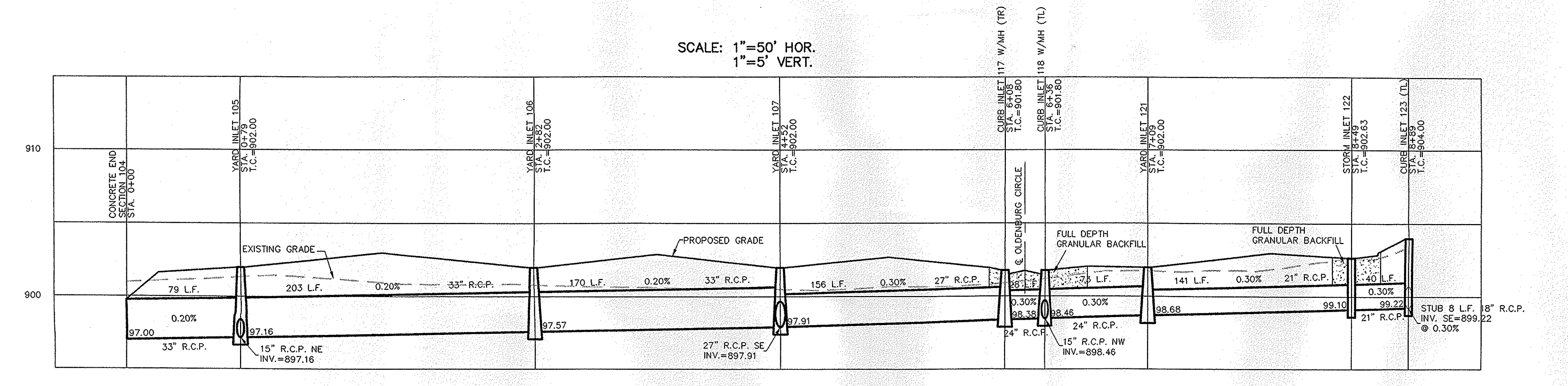
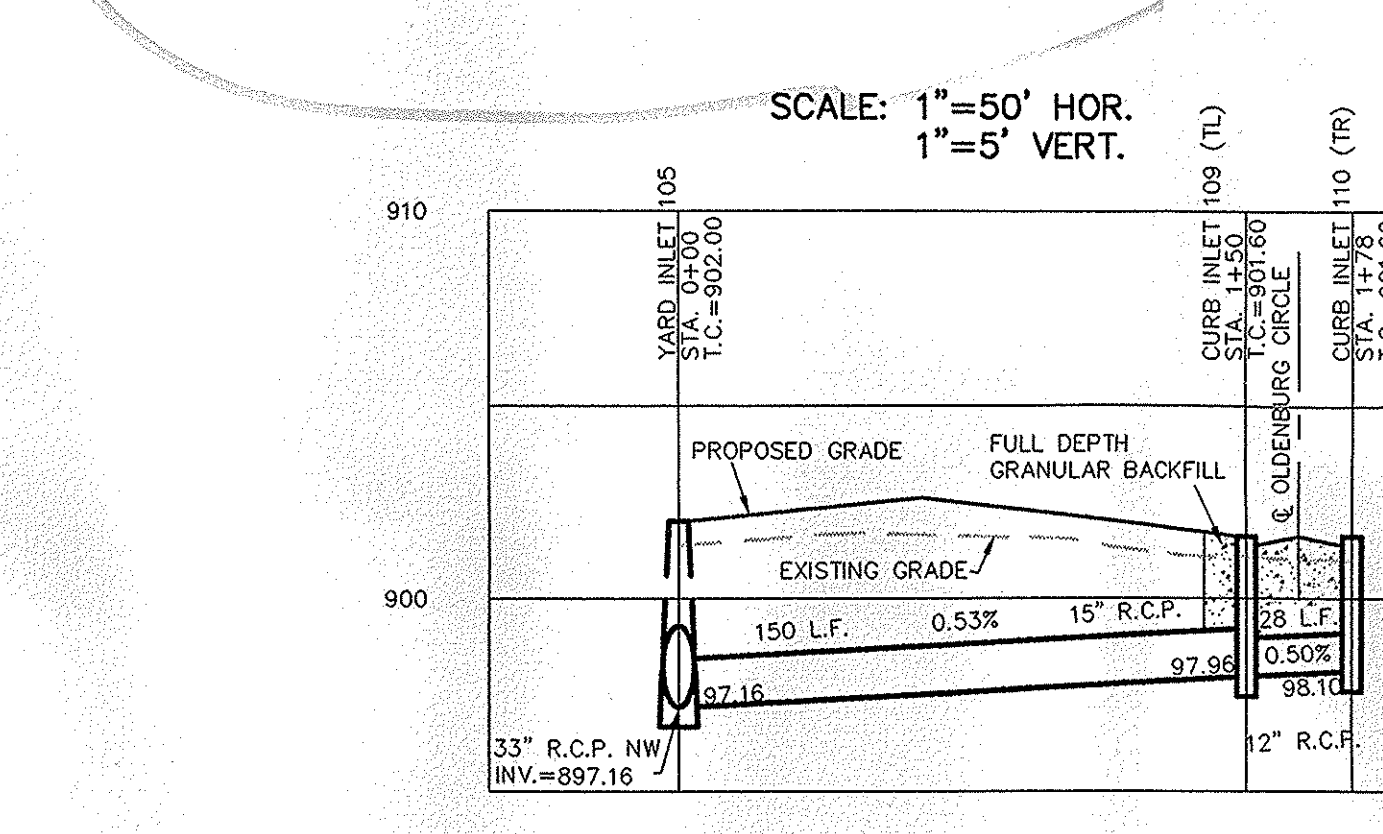
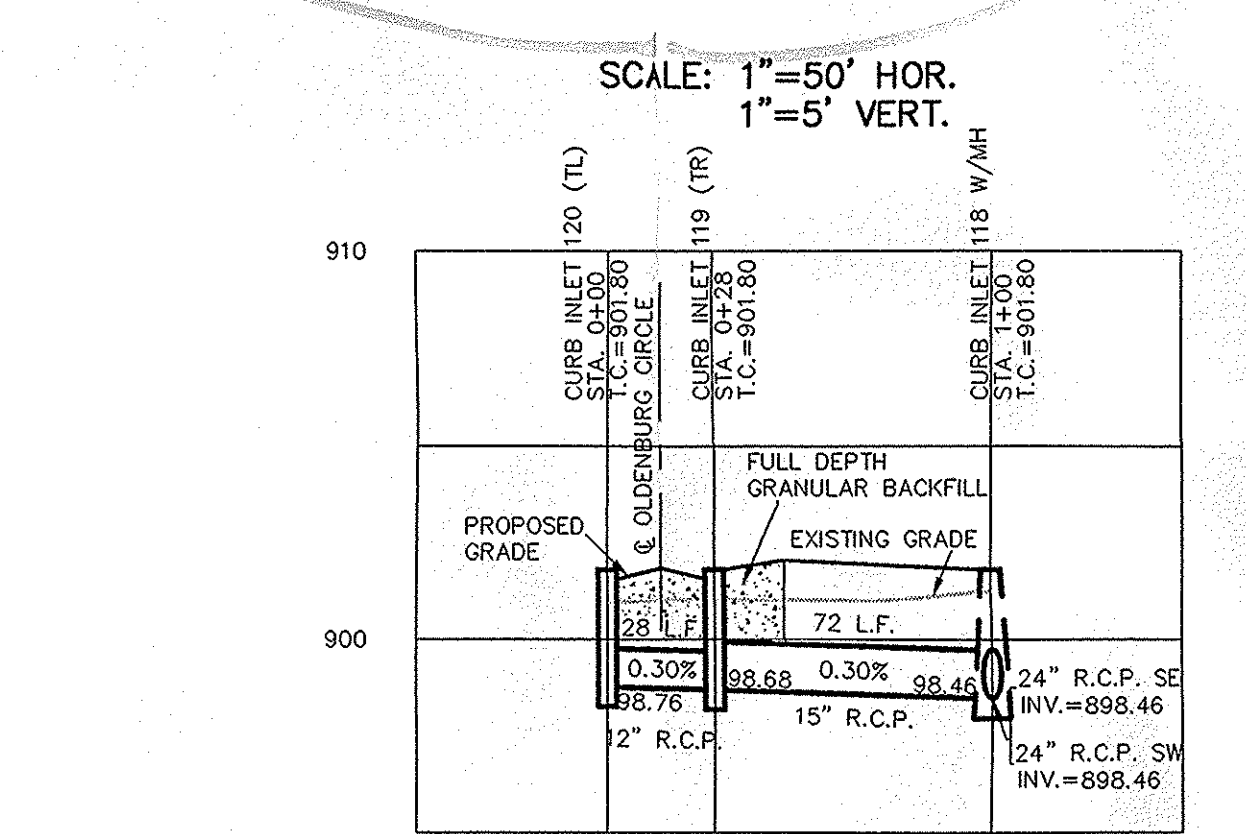
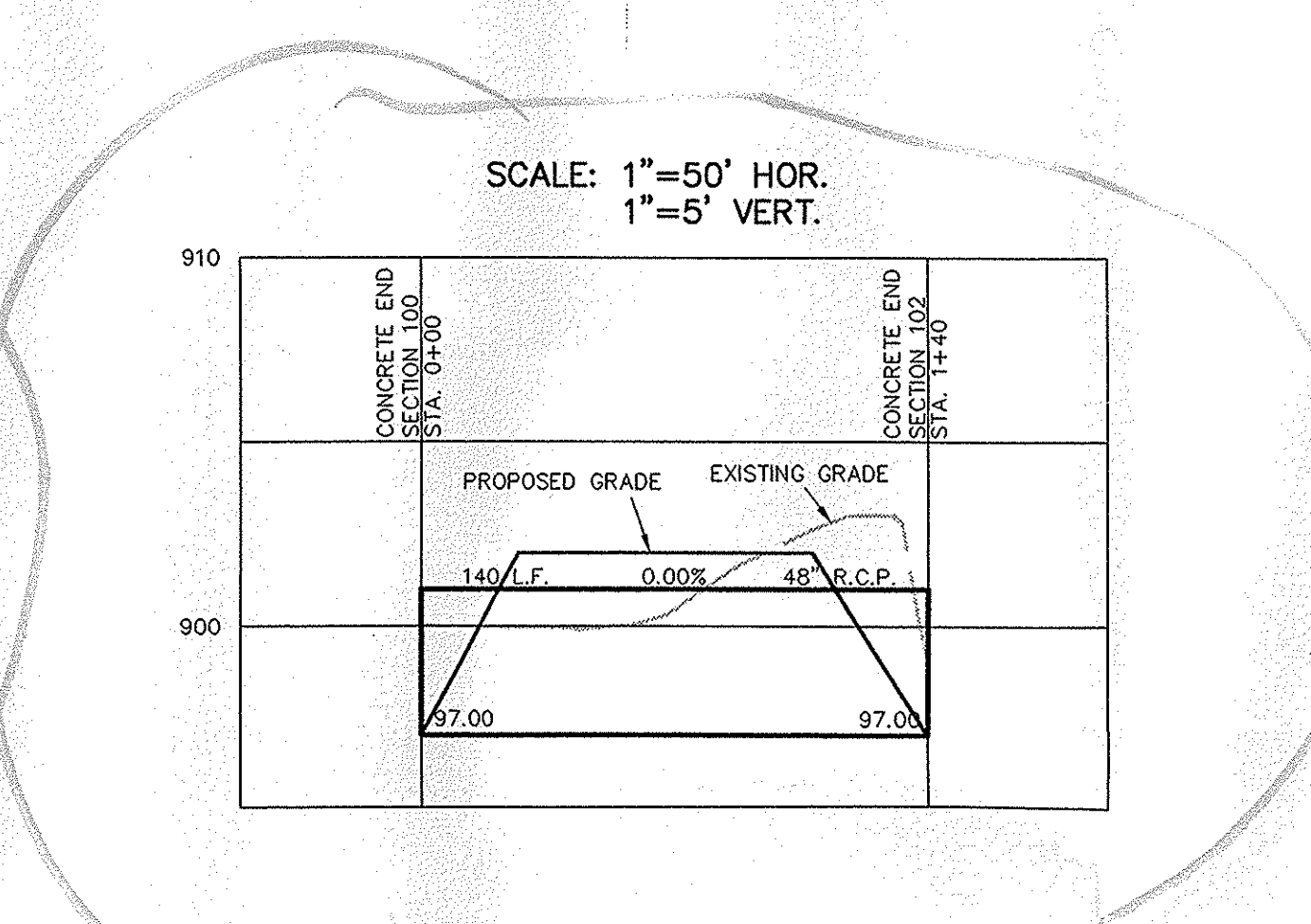
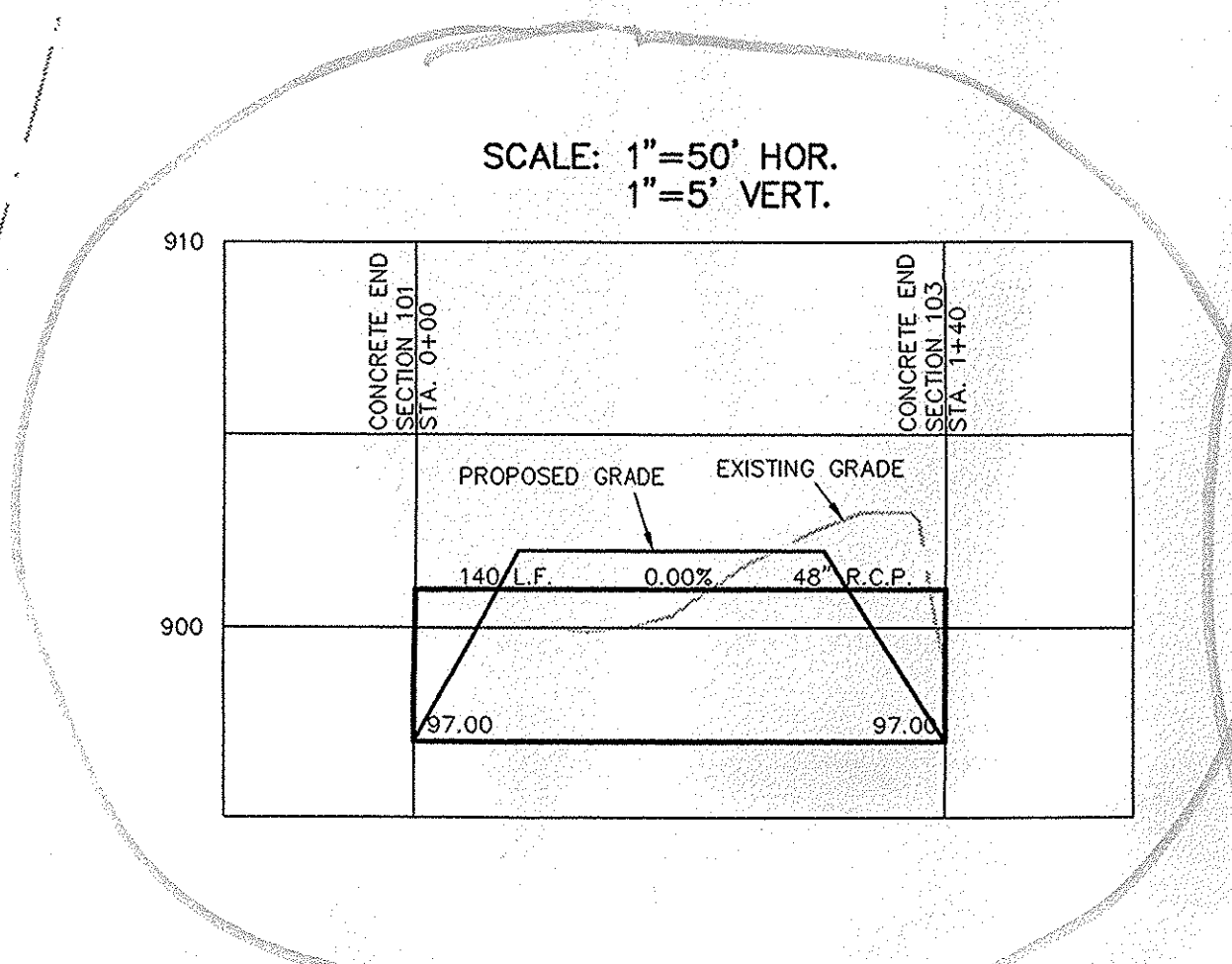
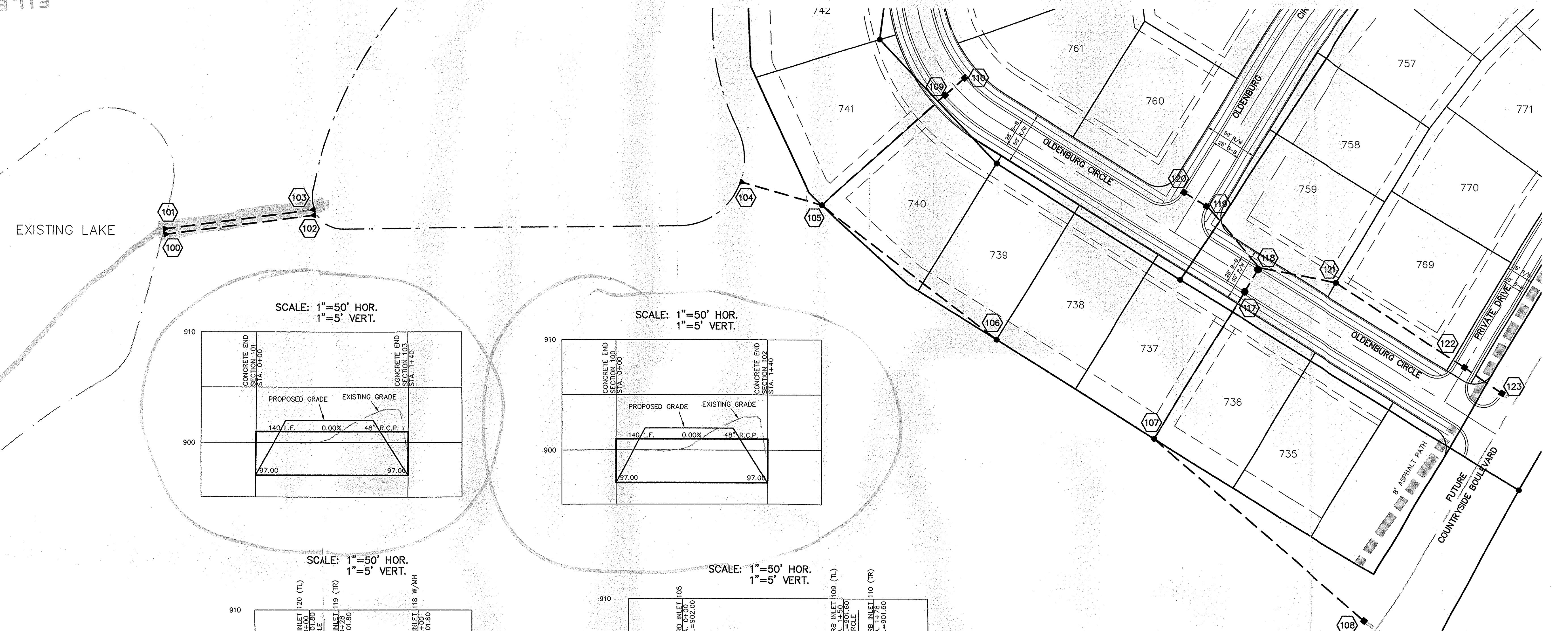
SITE DEVELOPMENT PLAN
COUNTRYSIDE SECTION 7
WESTFIELD INDIANA

SHEET NO. 3
17 SHEETS
JOB NO. 27930

OWN BY	DATE	REVISIONS
BAH	8/27/02	
EEF	3/9/02	
ASBUILT	8/27/02	
REVISED PER ECOLOGICAL CHANGES	3/9/02	
DATE	12/18/01	
MARK		

S:\12793057\dwg\12793057-grd1.dwg, Layout1, 2/27/2004 8:36:40 AM, kmcapp, 1:1

FILED
FEB 11 2004
OFFICE OF HAMILTON COUNTY SURVEYOR



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 3-18-08
Entered By: SLM

SCALE: 1"= 50'
No. 19358
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER
David J. Stappeworth

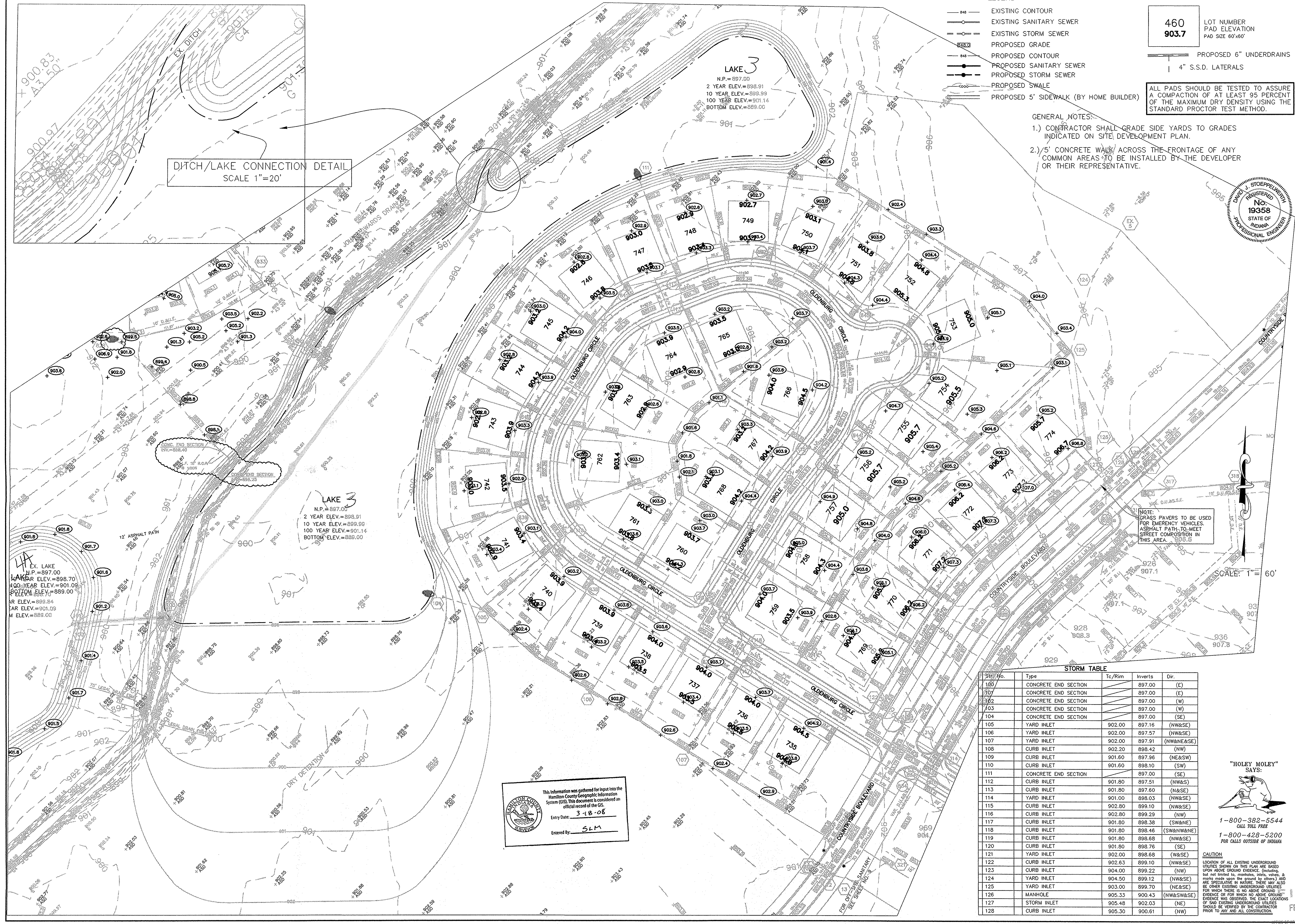
OWN BY: EMK
DC BY: ELF
DATE: 7/17/02
MARK: REVISIONS
BY:

CERTIFIED: 7/17/02
CONSULTING ENGINEERS - LAND SURVEYORS
INDIANAPOLIS, INDIANA
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942

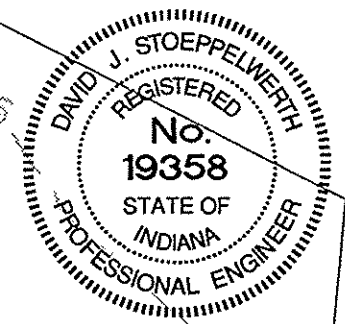
WESTFIELD, INDIANA
COUNTRYSIDE SECTION 9
STORM SEWER PLAN & PROFILE

SHEET NO. 12
OF 18 SHEETS
JOB NO. 27930

S:\279309\dwg\159-GRD1.dwg Layout, 2/27/2004 8:53:37 AM, kknapp, 1:1



DITCH/LAKE CONNECTION DETAIL
SCALE 1"=20'



CERTIFIED: 7/17/02

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

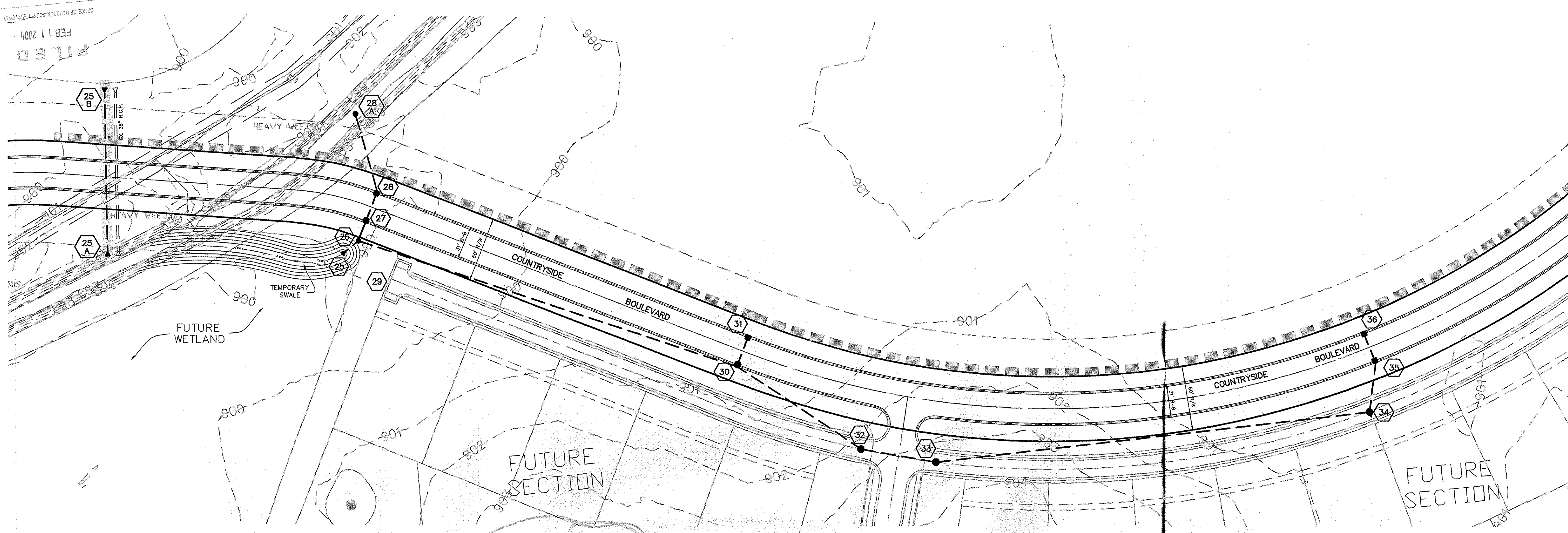
SITE DEVELOPMENT PLAN
COUNTRYSIDE SECTION 9

INDIANAPOLIS INDIANA

SHEET NO. 3
OF 110 SHEETS
JOB NO. 159-GRD1
27930

DATE: 7/17/02

BY: [Signature]



SCALE: 1" = 50'



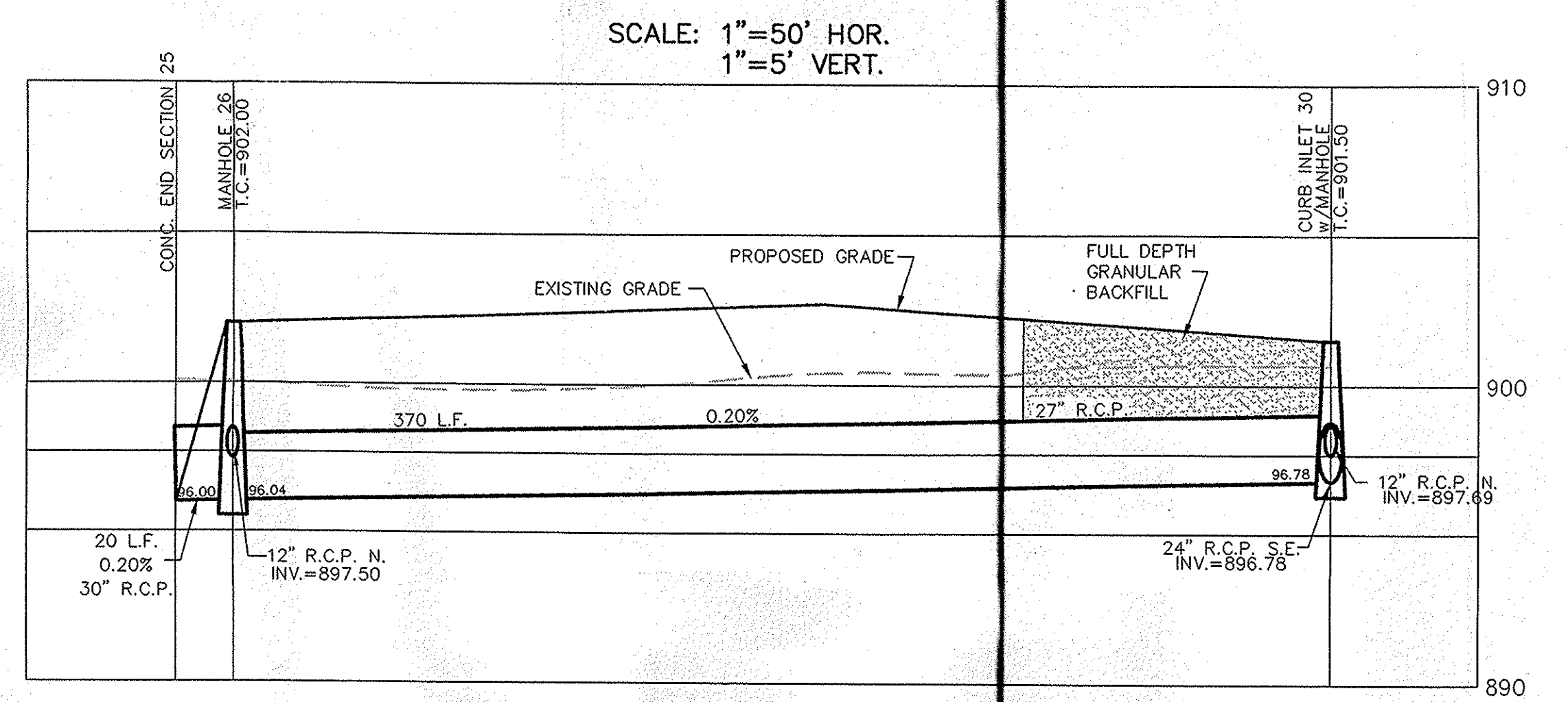
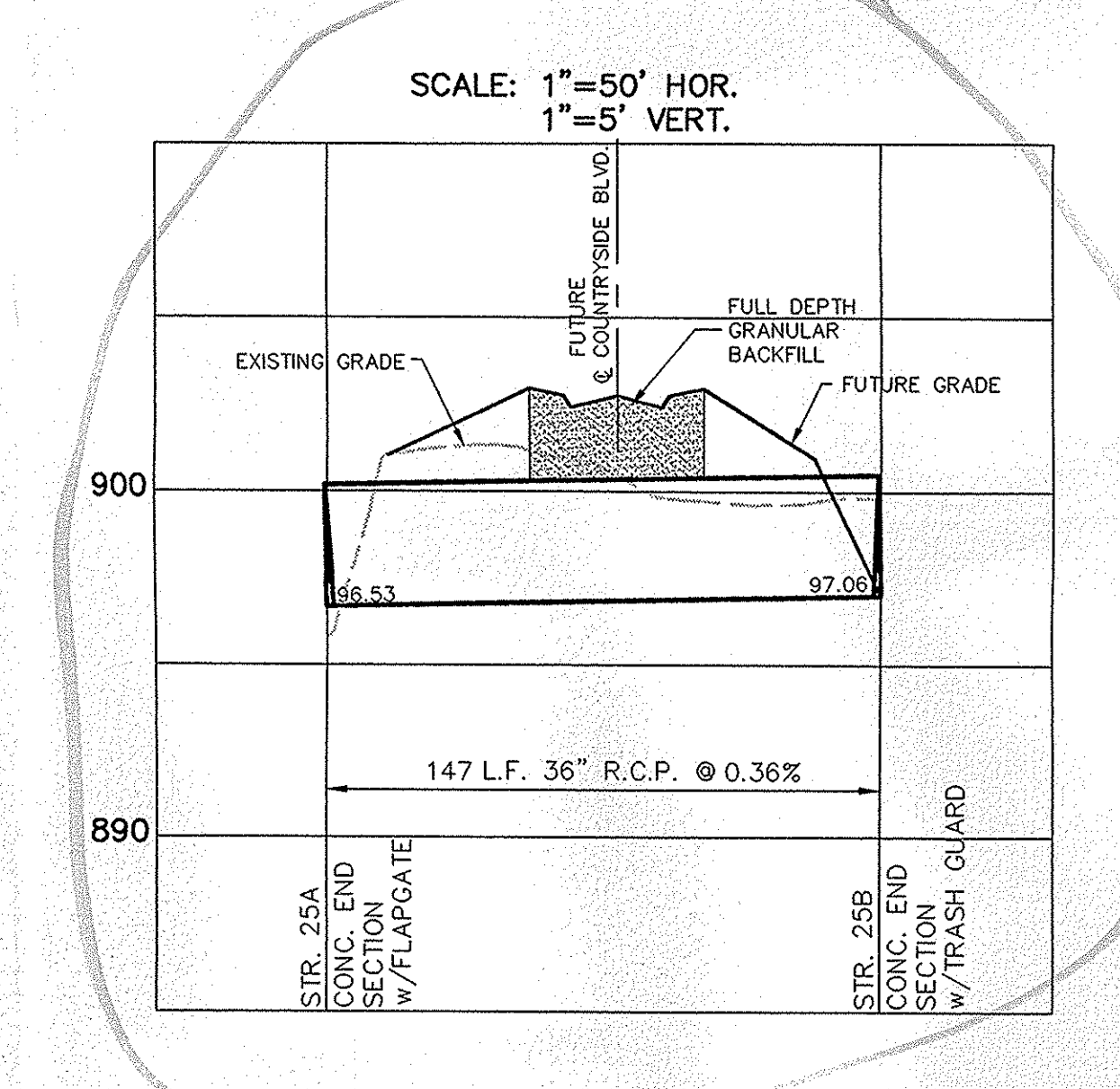
DATE	REVISIONS
1/15/03 <td></td>	
2/20/03 <td></td>	
3/9/03 <td></td>	
5/7/03 <td></td>	
	ADD STORM PIPE 24\"/>
	REVISED PER THE COMMENTS
	REV. STUDY AND PAPERS

CERTIFIED: 1/15/03
 CONSULTING ENGINEERS — LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA



STORM SEWER PLAN & PROFILE
 COUNTRYSIDE, SECTION 10
 WESTFIELD INDIANA

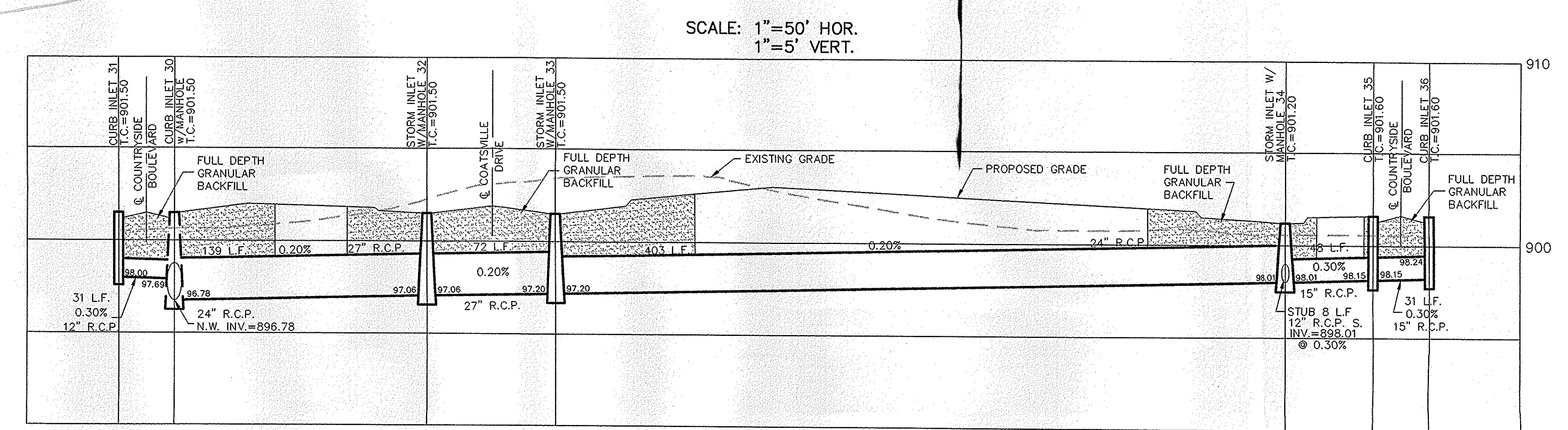
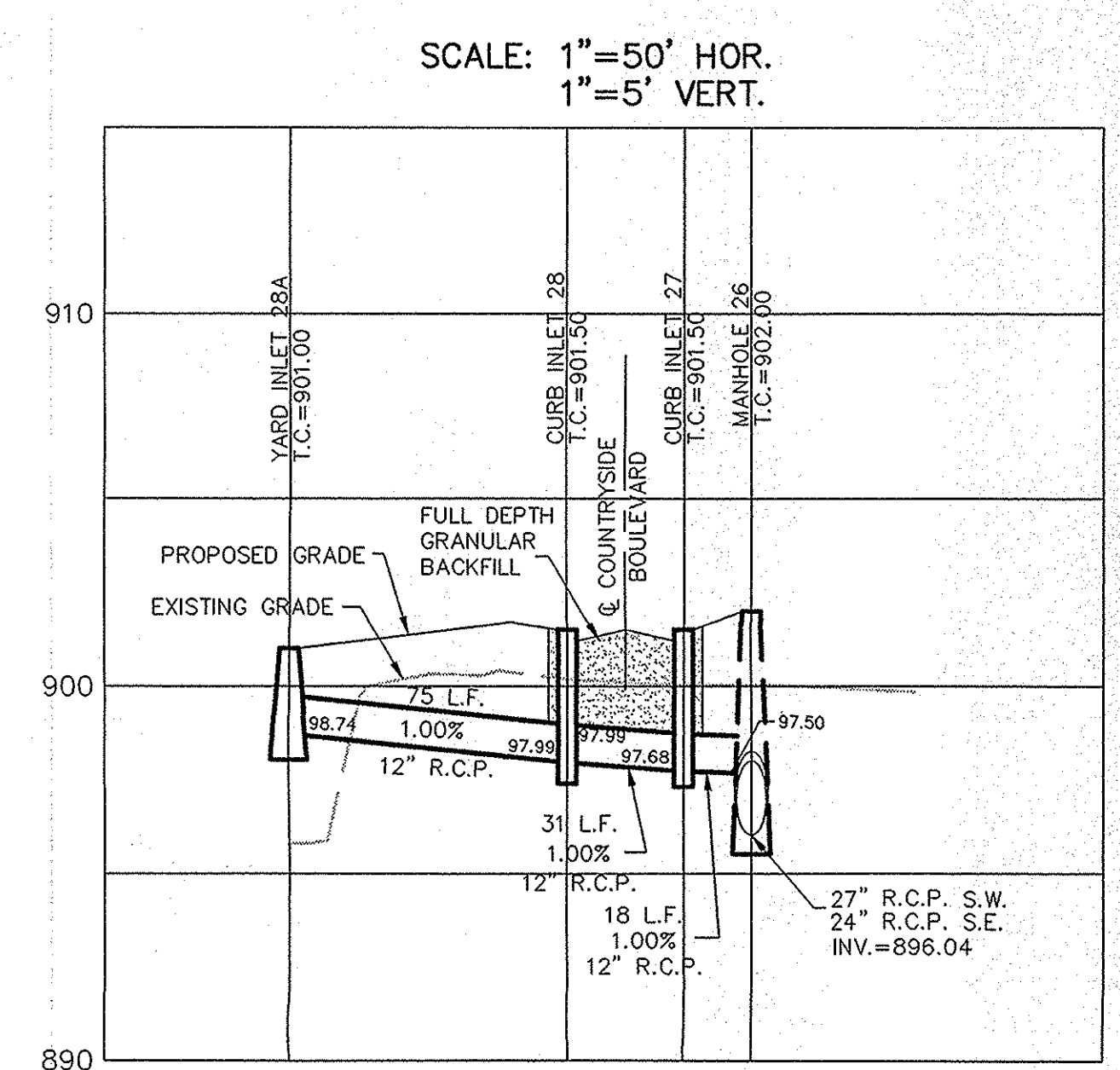
SHEET NO.
19
 OF 24 SHEETS
 JOB NO. 27930

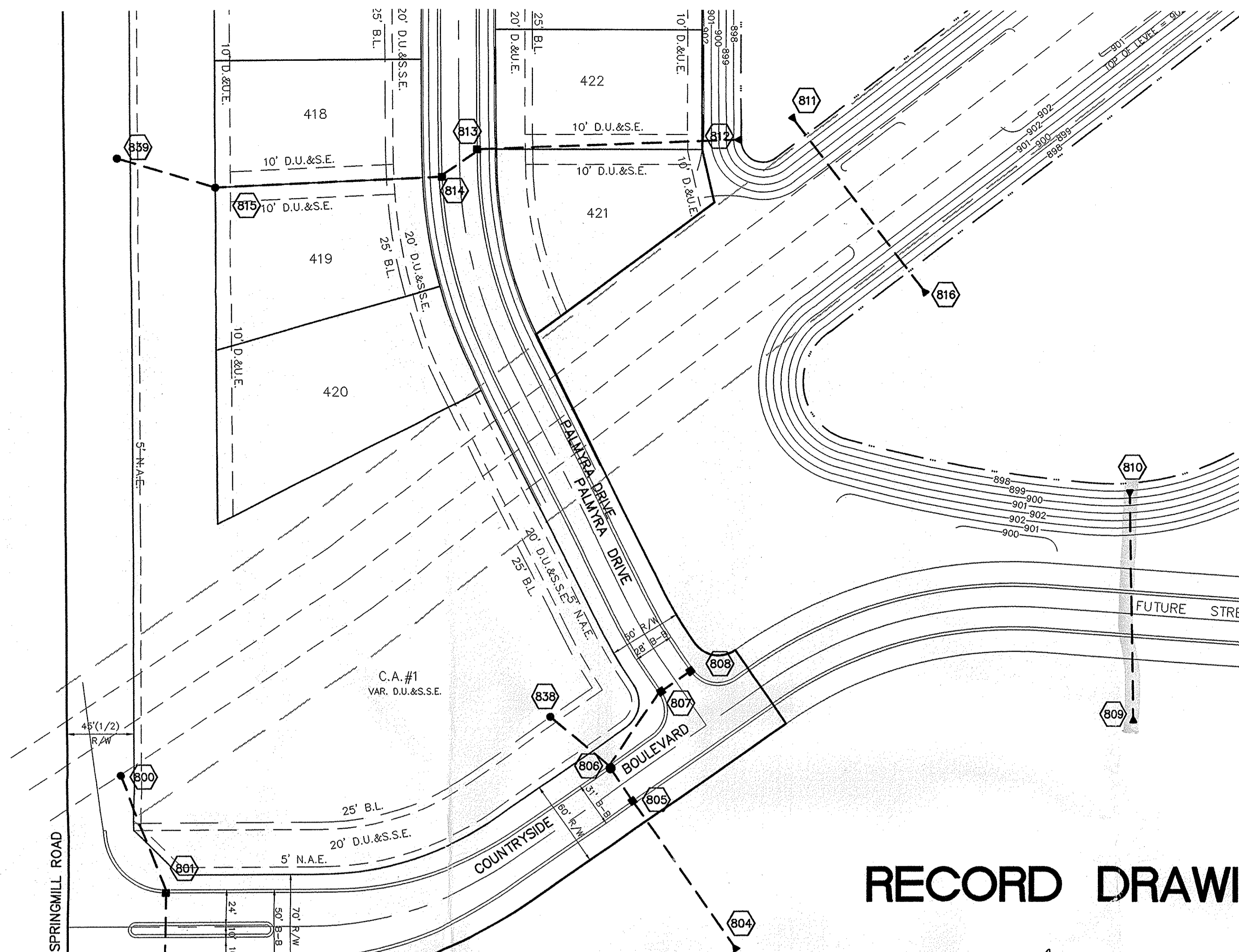


NOTE: STRUCTURES 32, 33, 34 AND 314 TO HAVE NEENAH R. 4030 CASTING OR EAST JORDAN 6000.

NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1'-4" RISER RING TO ACHIEVE PLAN RIM GRADE.

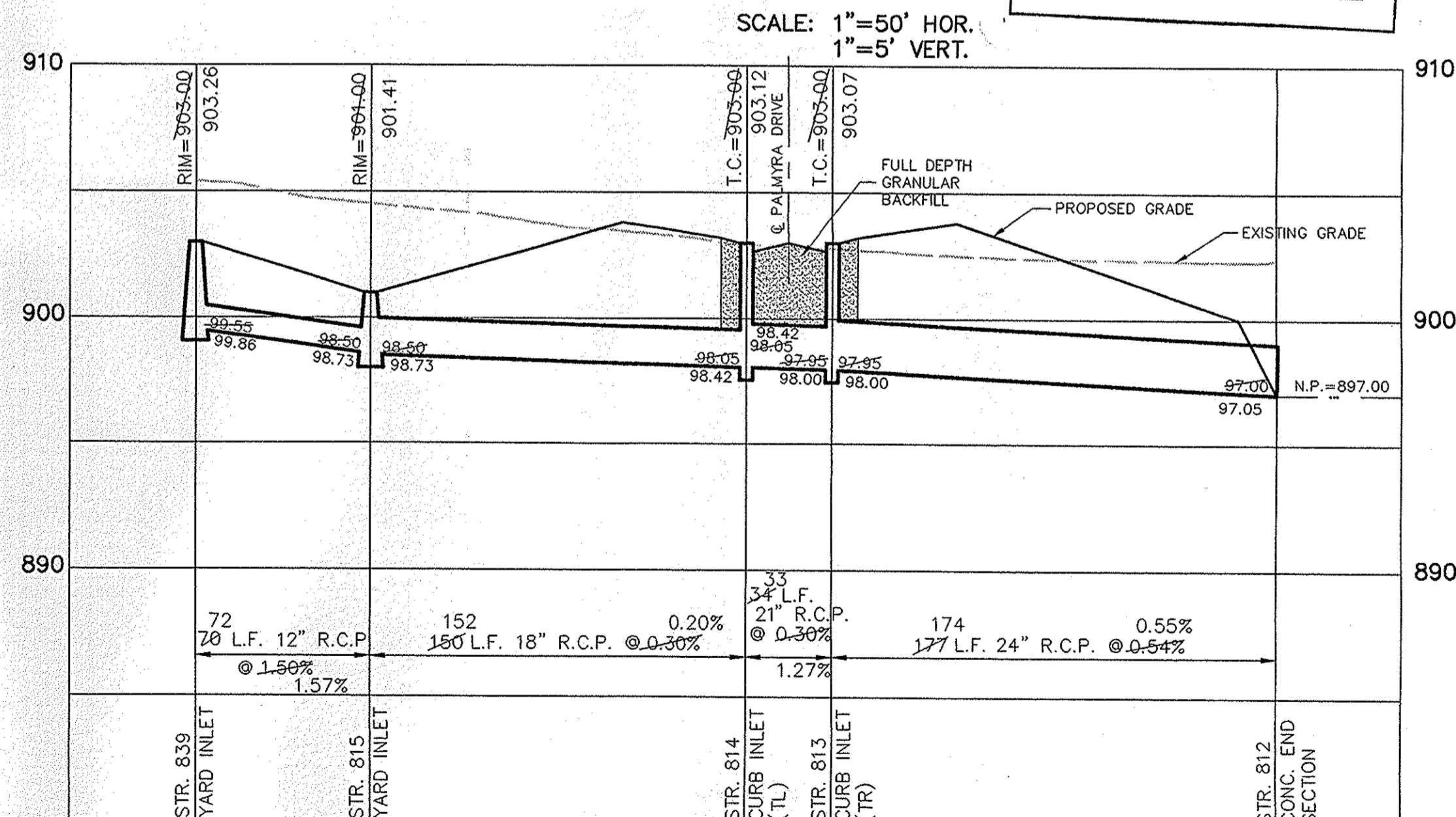
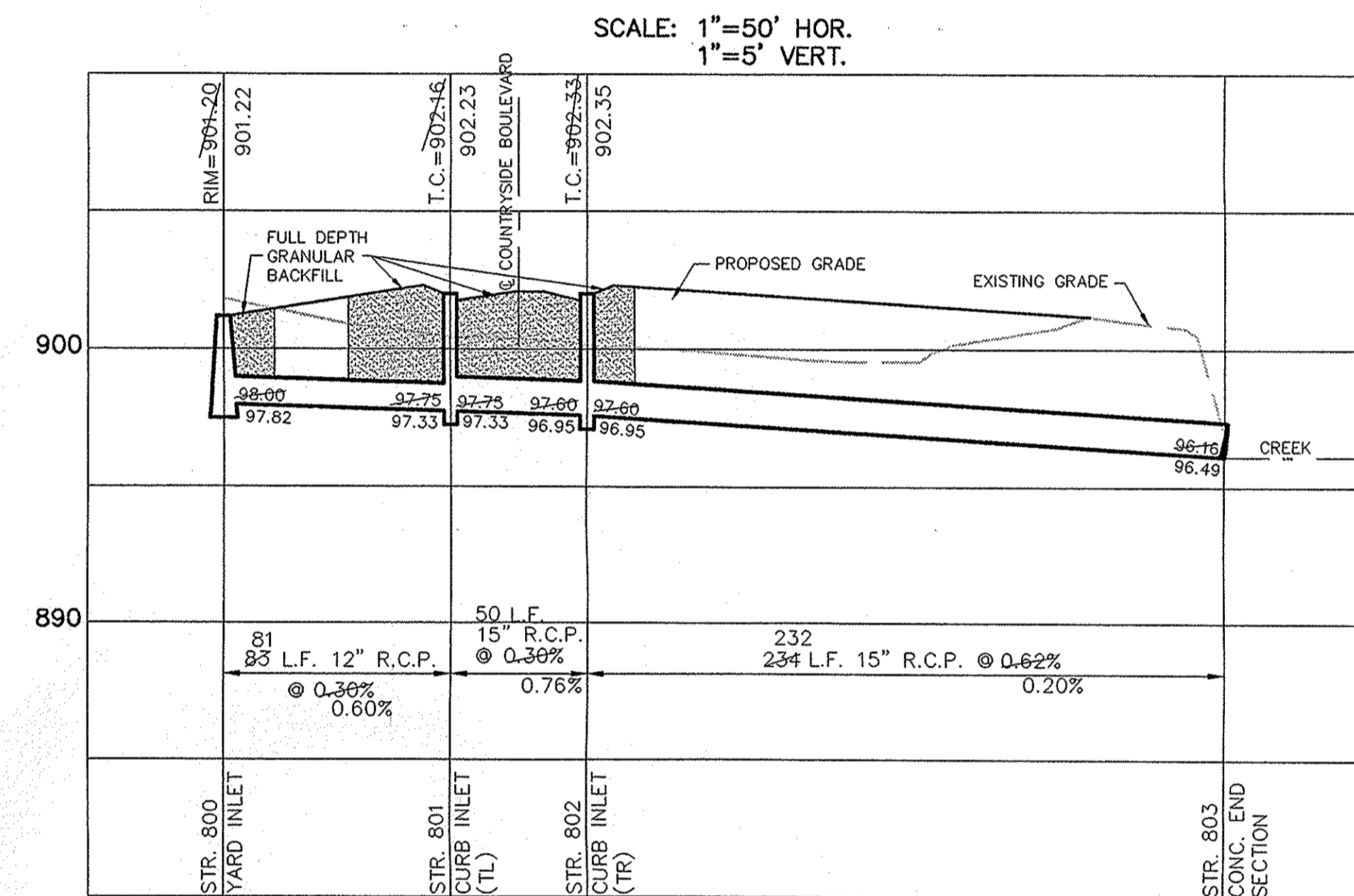
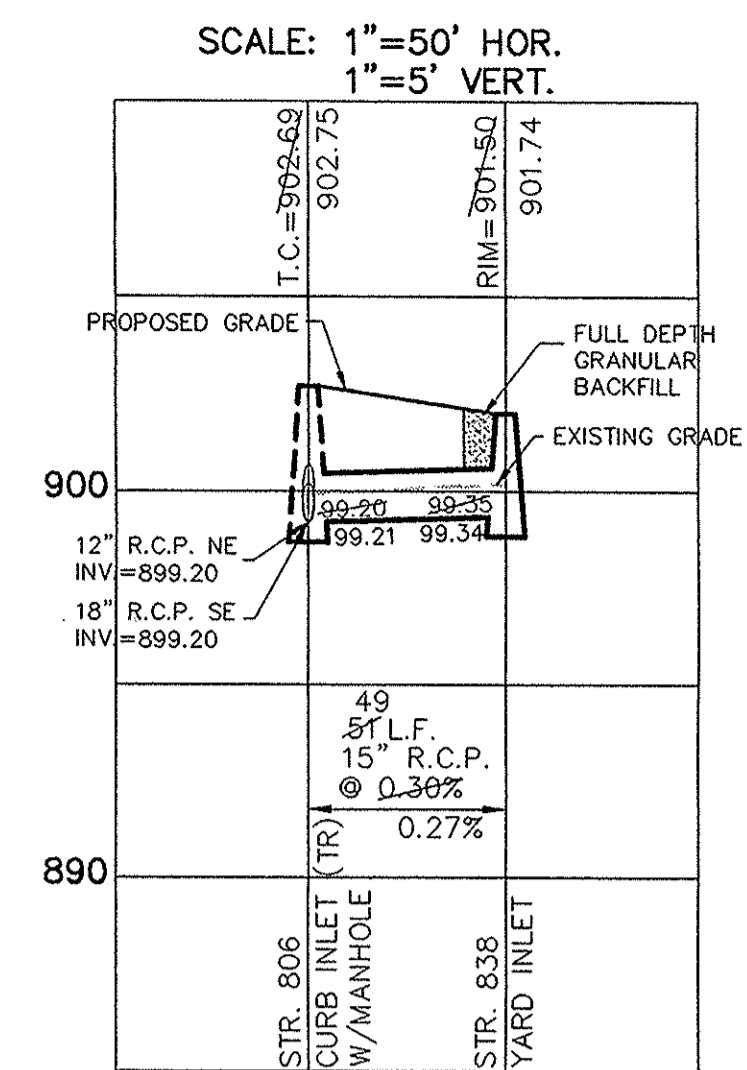
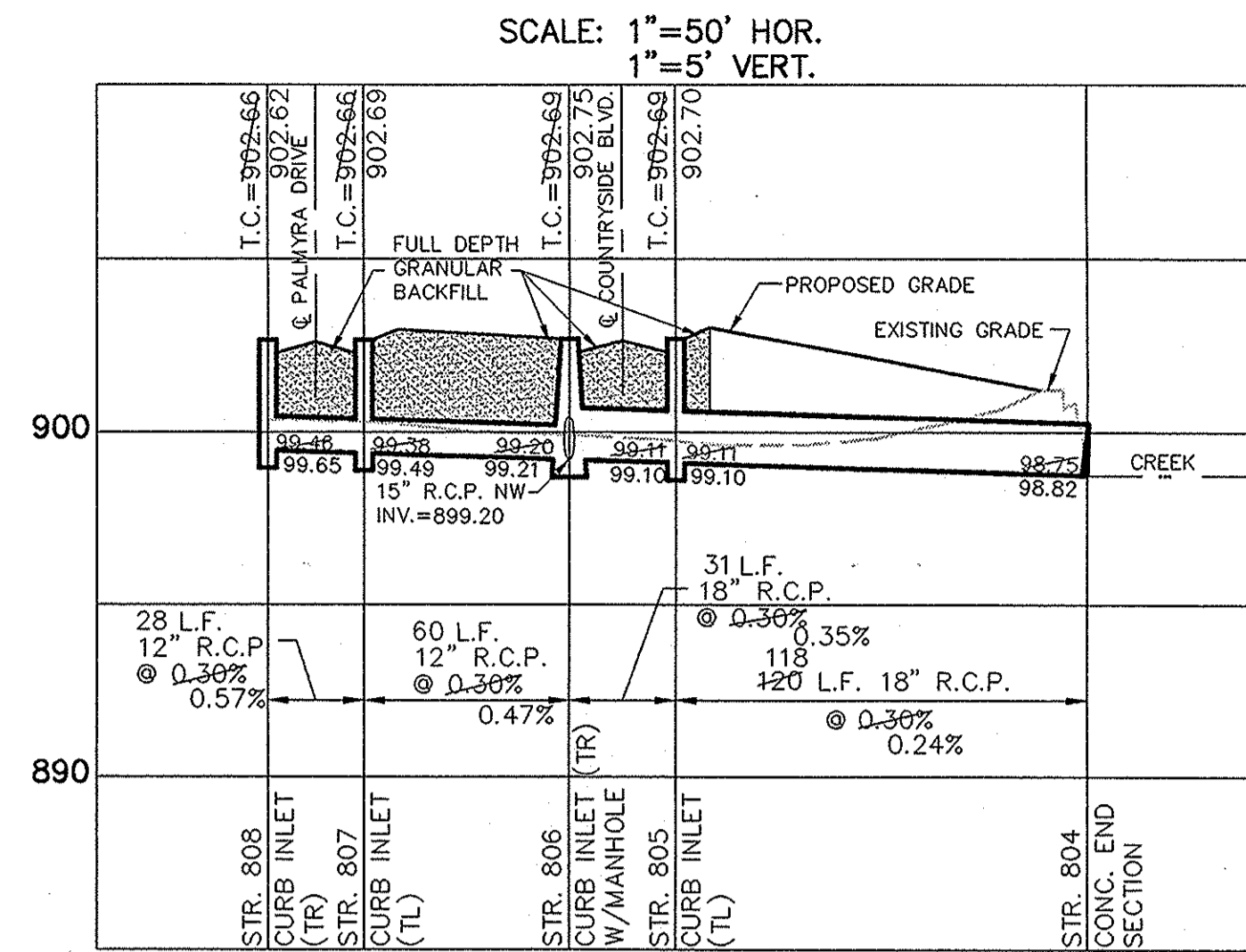
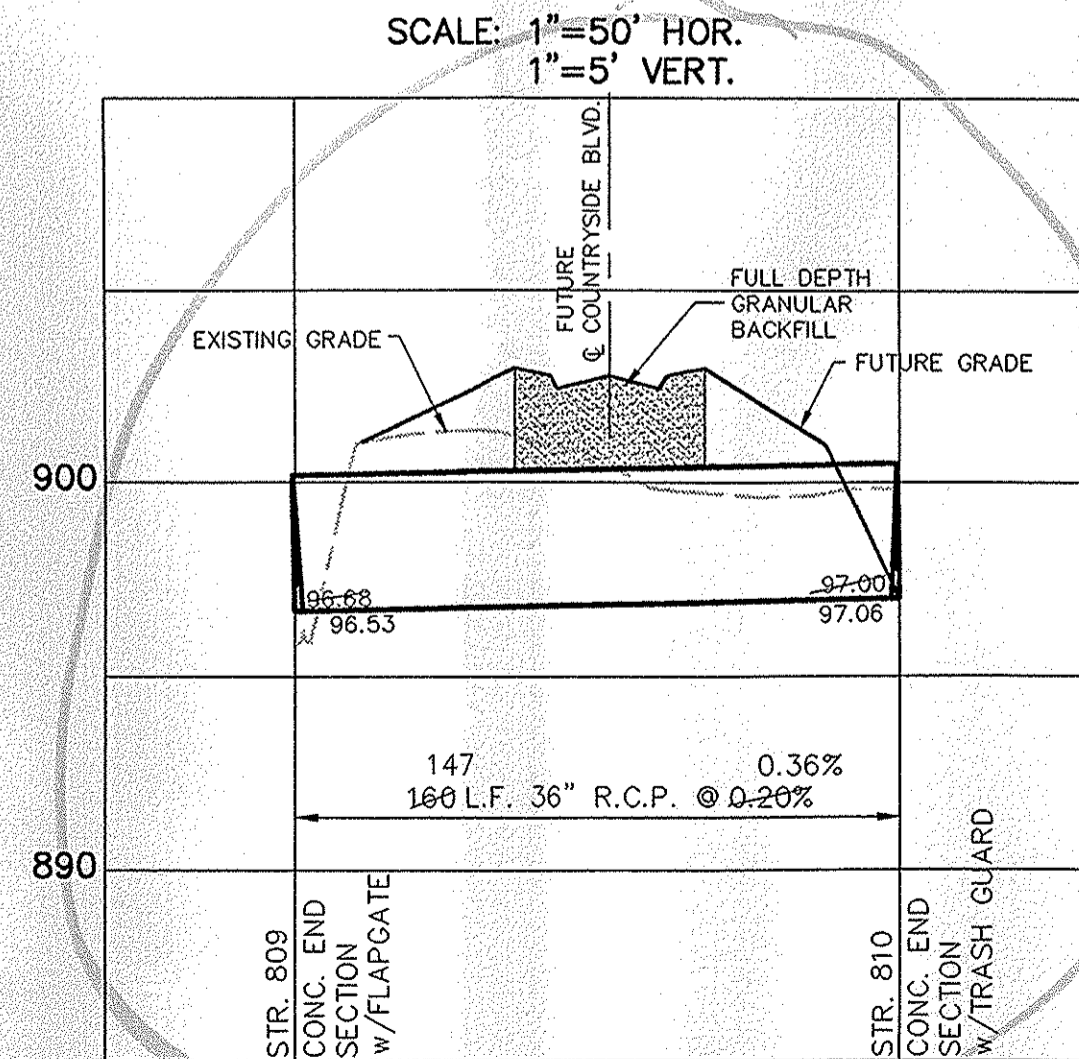
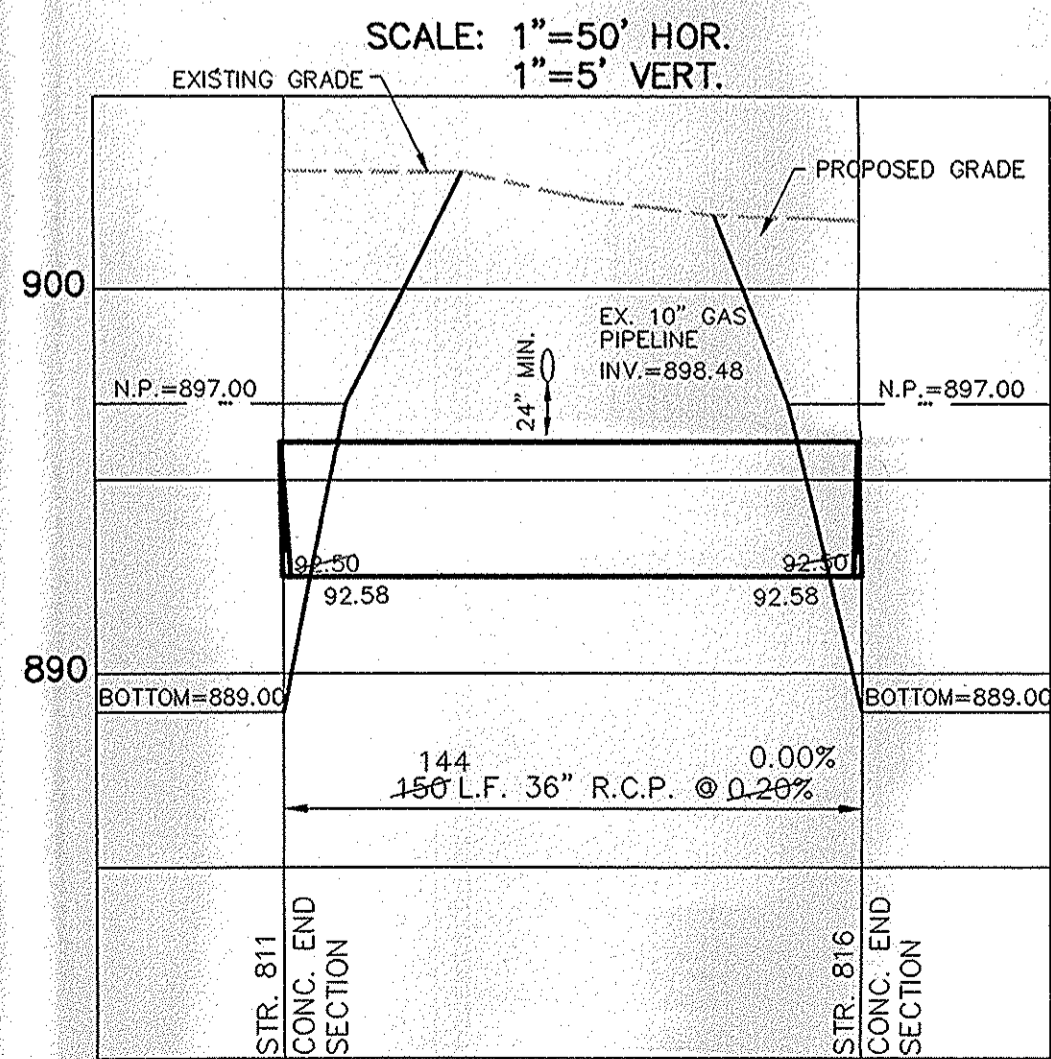
ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.0'-0.02' OF PLAN GRADE.





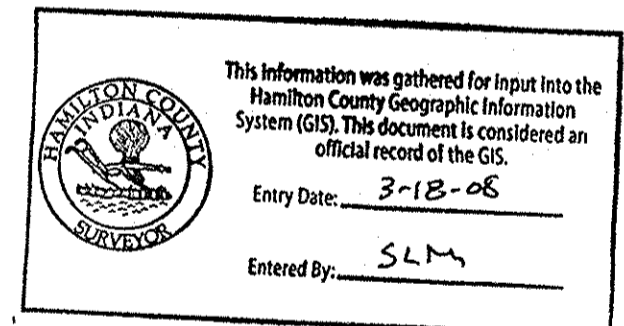
RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 10/5/01



CERTIFIED: 04/12/00
 David J. Stapp
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA

SCALE: 1"= 50'



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

STORM SEWER PLAN & PROFILE
 COUNTRYSIDE SECTION 14
 WESTFIELD INDIANA

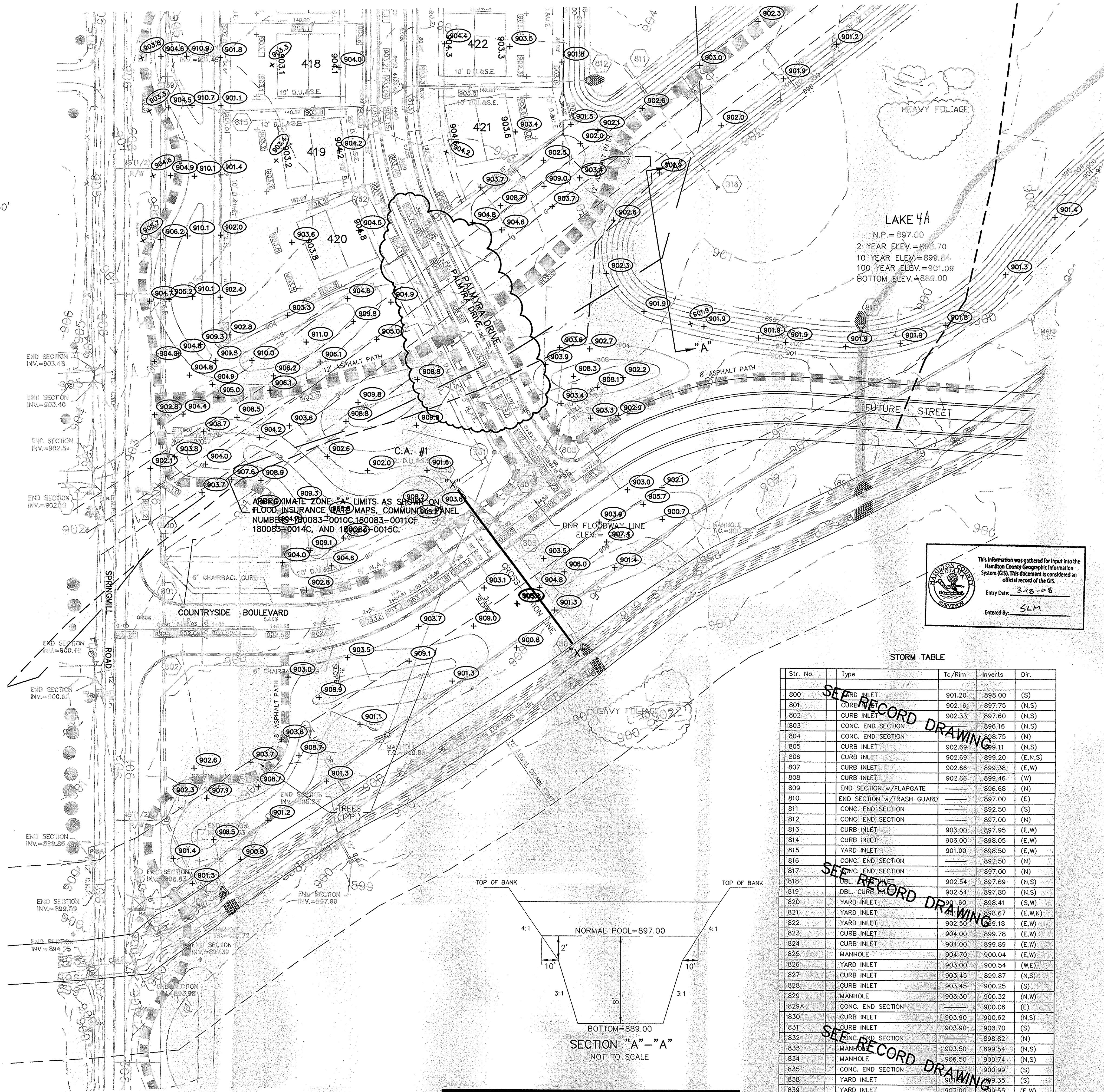
SHEET NO. 15
 OF 22 SHEETS
 FEB 11 2004
 JOB NO. 27930

RECORD DRAWING

JEFFORY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 10/16/01



SCALE: 1" = 50'



- LEGEND**
- 848 — EXISTING CONTOUR
 - 848 — EXISTING SANITARY SEWER
 - 848 — EXISTING STORM SEWER
 - 848.3 — PROPOSED GRADE
 - 848 — PROPOSED CONTOUR
 - 848 — PROPOSED SANITARY SEWER
 - 848 — PROPOSED STORM SEWER
 - 848 — PROPOSED SWALE
 - 848 — PROPOSED 4' SIDEWALK (BY HOME BUILDER)

35 LOT NUMBER
853.0 PAD ELEVATION
 PAD SIZE 60'x60'

ALL PADS TO BE TESTED TO 95%
 STANDARD PROCTOR TEST METHOD.

PROPOSED 6" UNDERDRAINS
 4" S.S.D. LATERALS

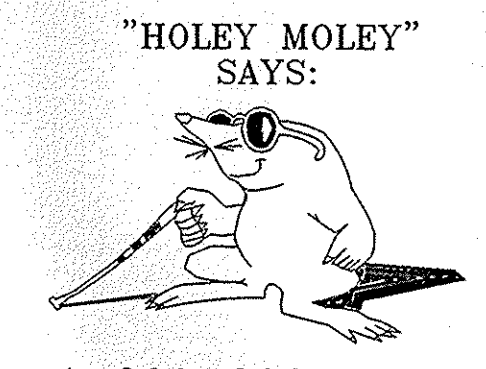
This information was gathered for input into the
 Hamilton County Geographic Information
 System (GIS). This document is considered an
 official record of the GIS.
 Entry Date: 3-18-06
 Entered By: SLM

STORM TABLE

Str. No.	Type	Tc/Rim	Inverts	Dir.
800	END INLET	901.20	898.00 (S)	
801	CURB INLET	902.16	897.75 (N,S)	
802	CURB INLET	902.33	897.60 (N,S)	
803	CONC. END SECTION	—	896.16 (N,S)	
804	CONC. END SECTION	—	898.75 (N)	
805	CURB INLET	902.69	899.11 (N,S)	
806	CURB INLET	902.69	899.20 (E,N,S)	
807	CURB INLET	902.66	899.38 (E,W)	
808	CURB INLET	902.66	899.46 (W)	
809	END SECTION w/FLAPGATE	—	896.68 (N)	
810	END SECTION w/TRASH GUARD	—	897.00 (E)	
811	CONC. END SECTION	—	892.50 (S)	
812	CONC. END SECTION	—	897.00 (N)	
813	CURB INLET	903.00	897.95 (E,W)	
814	CURB INLET	903.00	898.05 (E,W)	
815	YARD INLET	901.00	898.50 (E,W)	
816	CONC. END SECTION	—	892.50 (N)	
817	CONC. END SECTION	—	897.00 (N)	
818	DBL. CURB INLET	902.54	897.69 (N,S)	
819	DBL. CURB INLET	902.54	897.80 (N,S)	
820	YARD INLET	901.60	898.41 (S,W)	
821	YARD INLET	902.54	898.67 (E,W,N)	
822	YARD INLET	902.54	899.18 (E,W)	
823	CURB INLET	904.00	899.78 (E,W)	
824	CURB INLET	904.00	899.89 (E,W)	
825	MANHOLE	904.70	900.04 (E,W)	
826	YARD INLET	903.00	900.54 (E,W)	
827	CURB INLET	903.45	899.87 (N,S)	
828	CURB INLET	903.45	900.25 (S)	
829	MANHOLE	903.30	900.32 (N,W)	
829A	CONC. END SECTION	—	900.06 (E)	
830	CURB INLET	903.90	900.62 (N,S)	
831	CURB INLET	903.90	900.70 (S)	
832	CONC. END SECTION	—	898.82 (N)	
833	MANHOLE	903.50	899.54 (N,S)	
834	MANHOLE	906.50	900.74 (N,S)	
835	CONC. END SECTION	—	900.99 (S)	
838	YARD INLET	901.00	899.35 (S)	
839	YARD INLET	903.00	899.55 (E,W)	
840	YARD INLET	905.00	900.74 (E)	

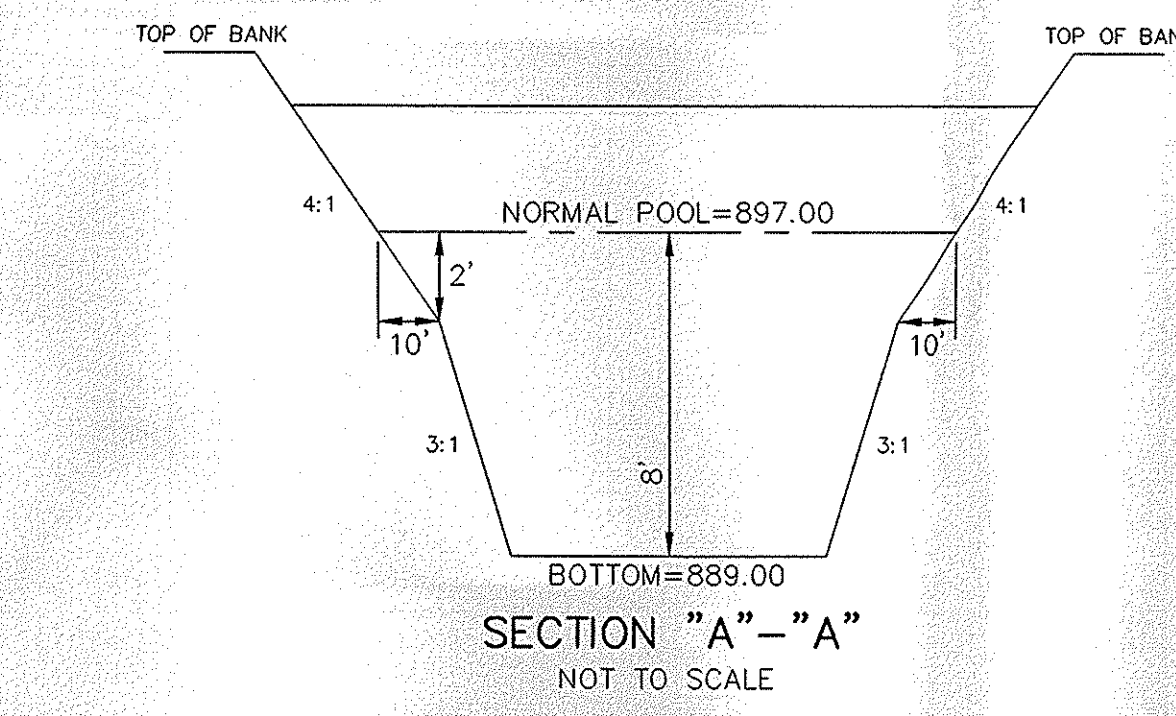
- EARTHWORK:**
- EXCAVATION**
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Profile and place any additional fill material from offsite as may be necessary to produce the grades 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 shall be removed from areas to be occupied by a road surface or structure 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 to protective measure to be taken, if any, to preserve such trees.
 - REMOVAL OF TOPSOIL**
 - 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.
 - 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 0.10 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.
- FORM EARTHWRK

- GENERAL NOTES:**
- CONTRACTOR SHALL GRADE SIDE YARDS TO GRADES INDICATED ON SITE DEVELOPMENT PLAN.
 - 4' CONCRETE WALK ACROSS THE FRONTAGE OF ANY COMMON AREAS TO BE INSTALLED BY THE DEVELOPER OR THEIR REPRESENTATIVE.



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.



DANGER! USE EXCESSIVE CAUTION! MARATHON PIPE LINE COMPANY HIGH PRESSURE NATURAL GAS PIPELINES. MARATHON MUST BE NOTIFIED TWO (2) WORKING DAYS IN ADVANCE OF ANY ACTIVITY WITHIN ITS EASEMENT AND HAVE A REPRESENTATIVE PRESENT DURING ANY EXCAVATION OVER OR ADJACENT TO ITS PIPELINES.

CERTIFIED: 04/12/00

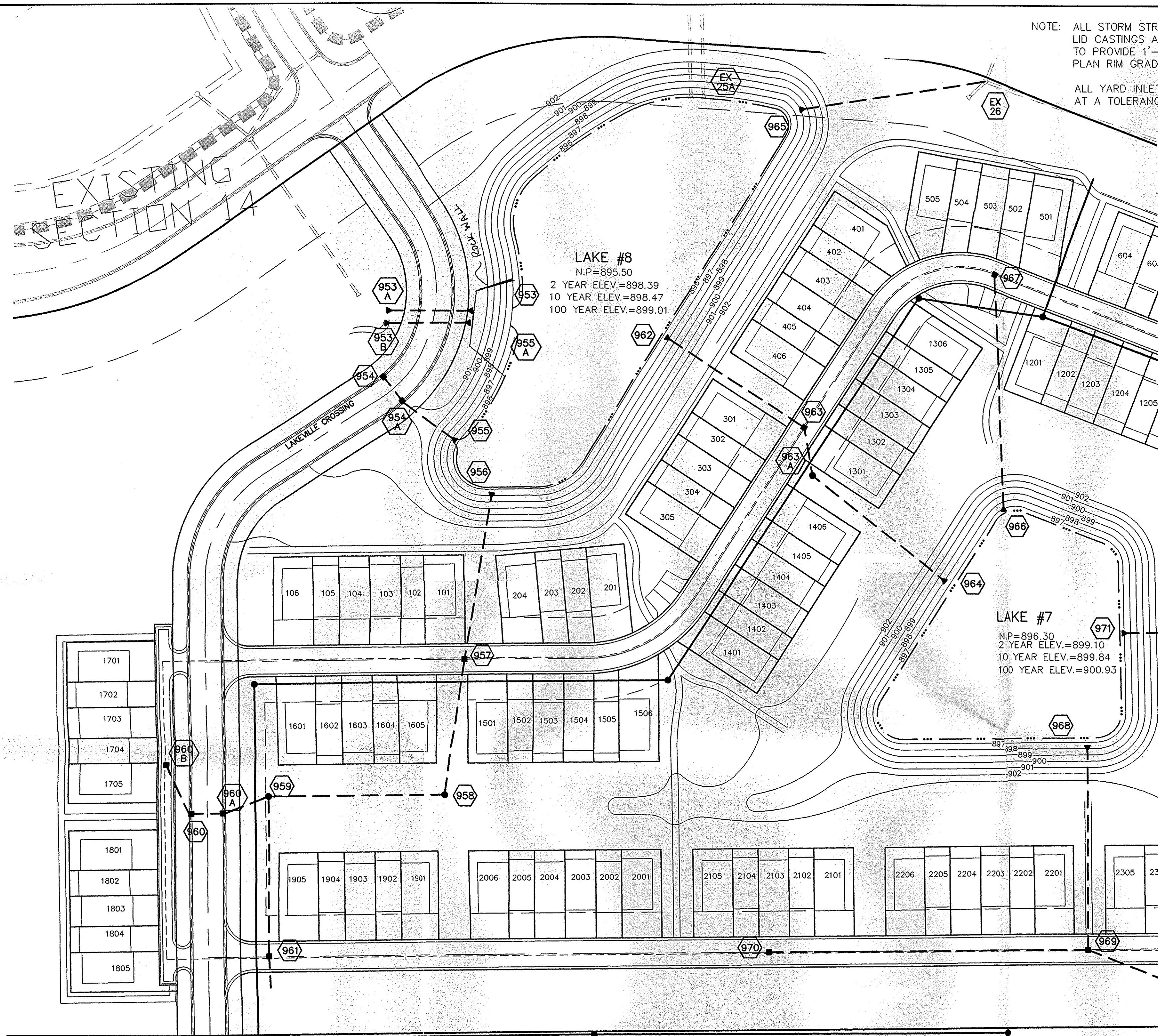
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

SITE DEVELOPMENT PLAN
 COUNTRYSIDE SECTION 14
 WESTFIELD INDIANA

SHEET NO. 4
 OF 22 SHEETS
 FEB 1 2004
 27930

REVISIONS

NO.	DATE	MARK	BY
1	04/12/00		



NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1"-4" RISER RING TO ACHIEVE PLAN RIM GRADE.

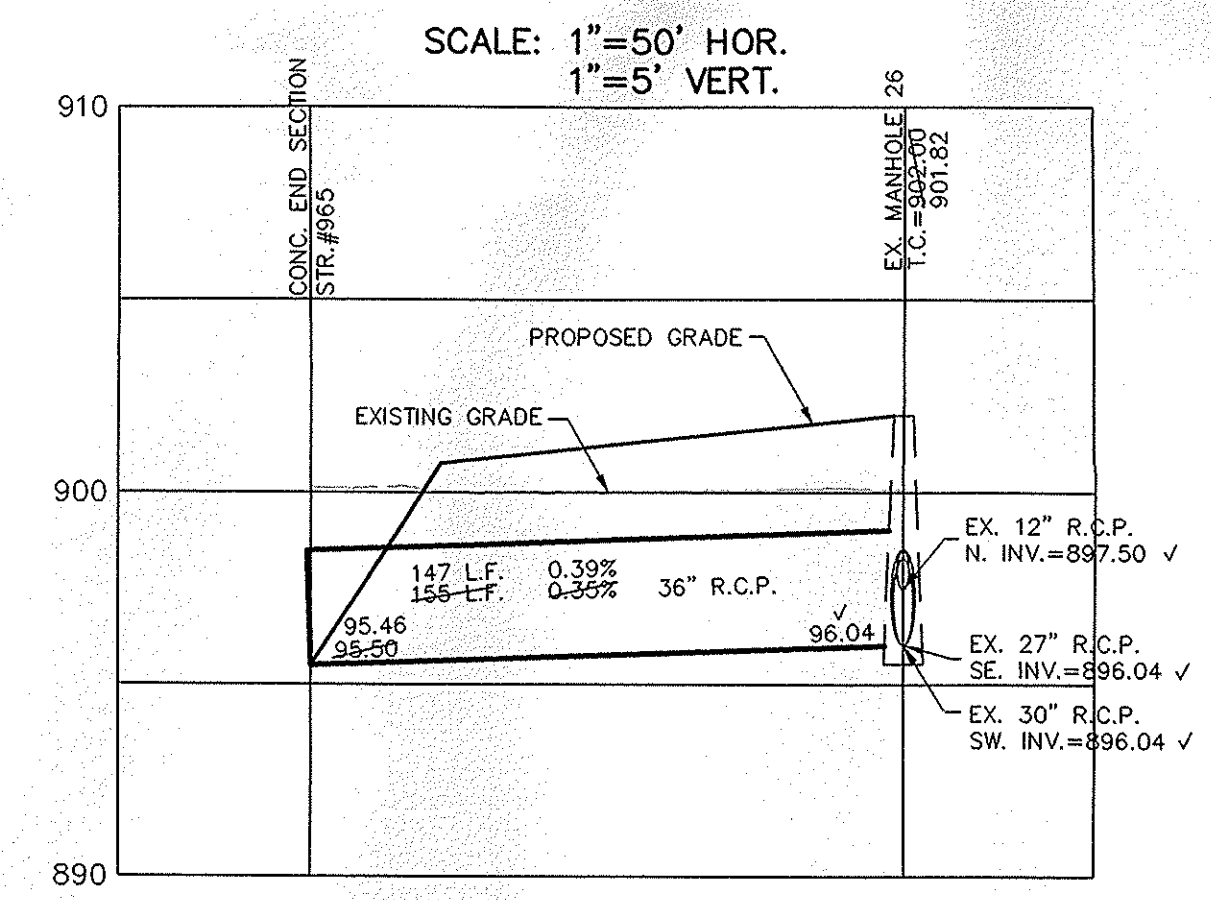
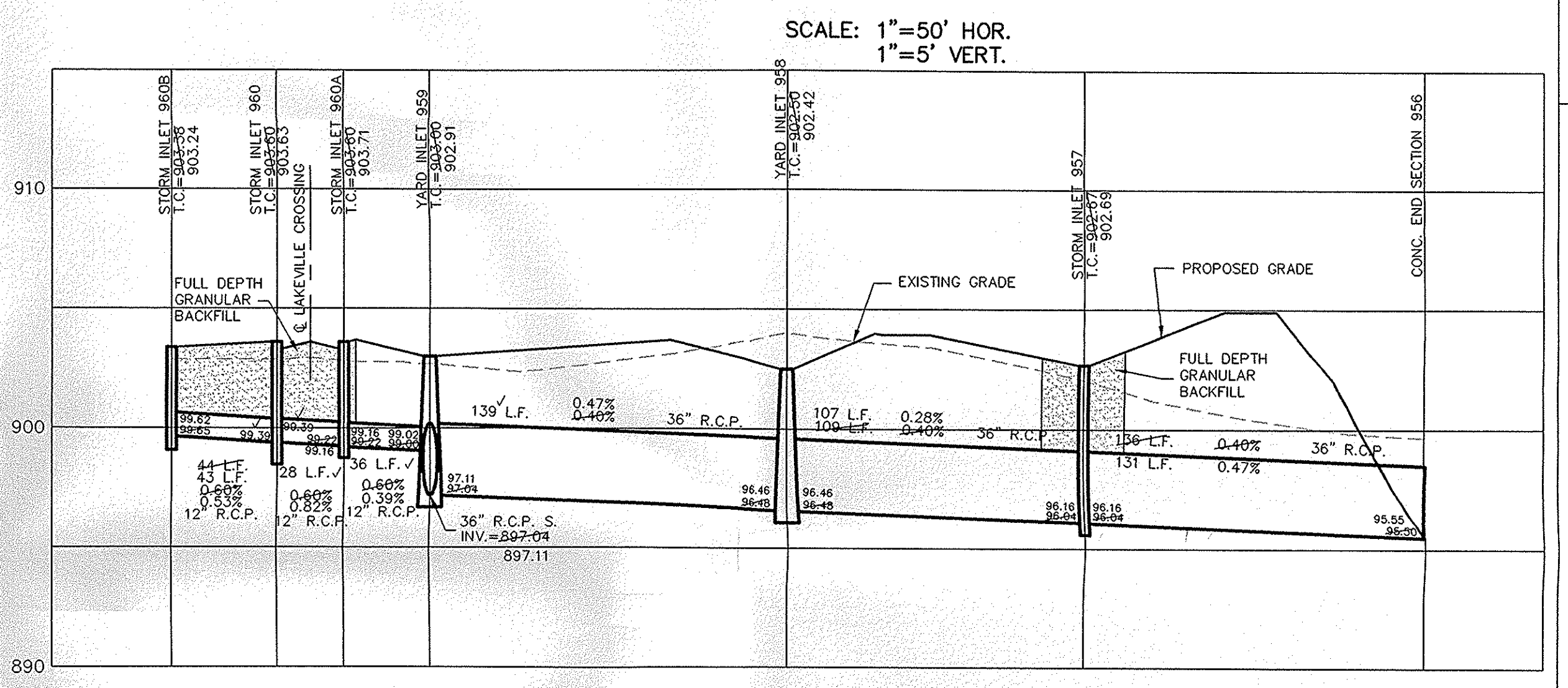
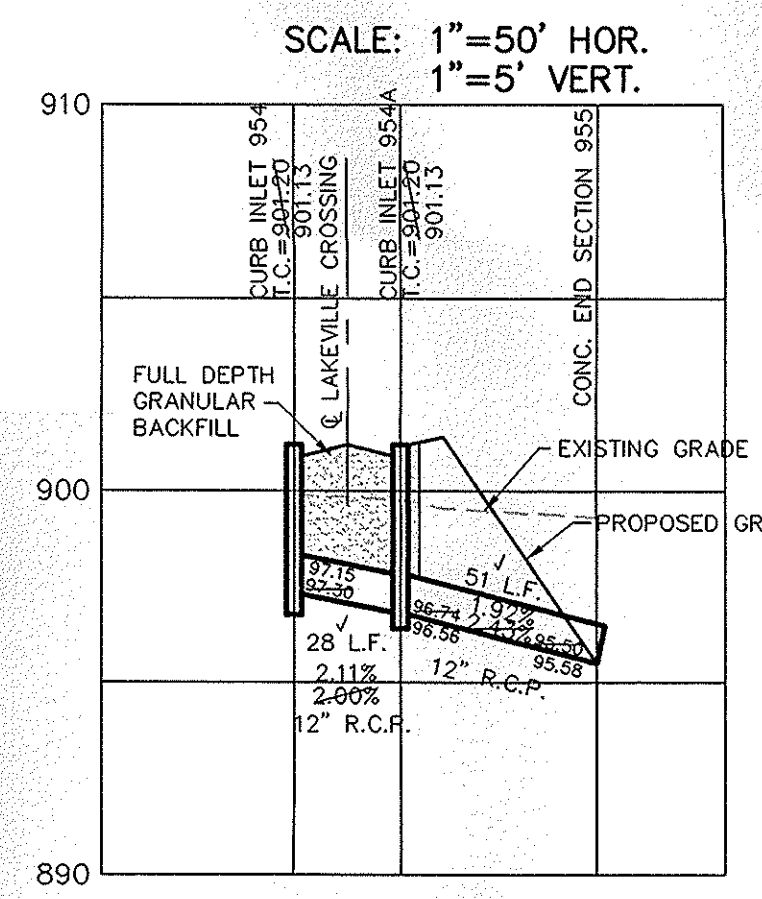
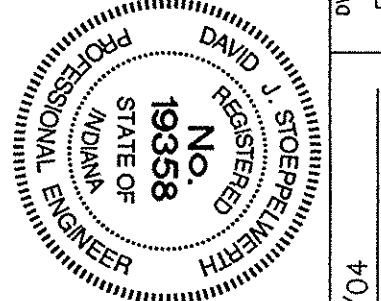
ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.20' OF PLAN GRADE.

ALL EXISTING OFF-SITE DRAIN TILES THAT ARE ENCOUNTERED SHALL BE TIED INTO THE PROPOSED STORM SEWER SYSTEM WITH A POSITIVE OUTFLOW

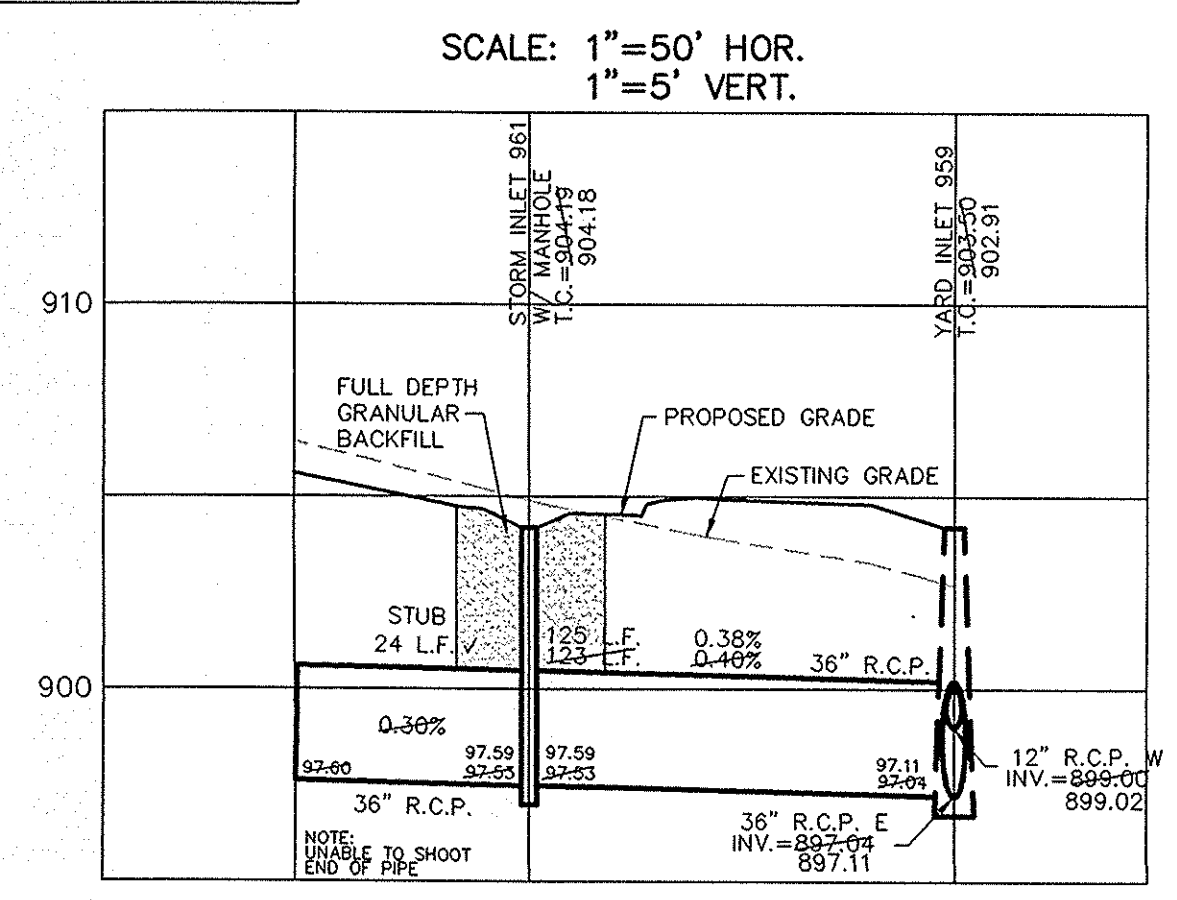
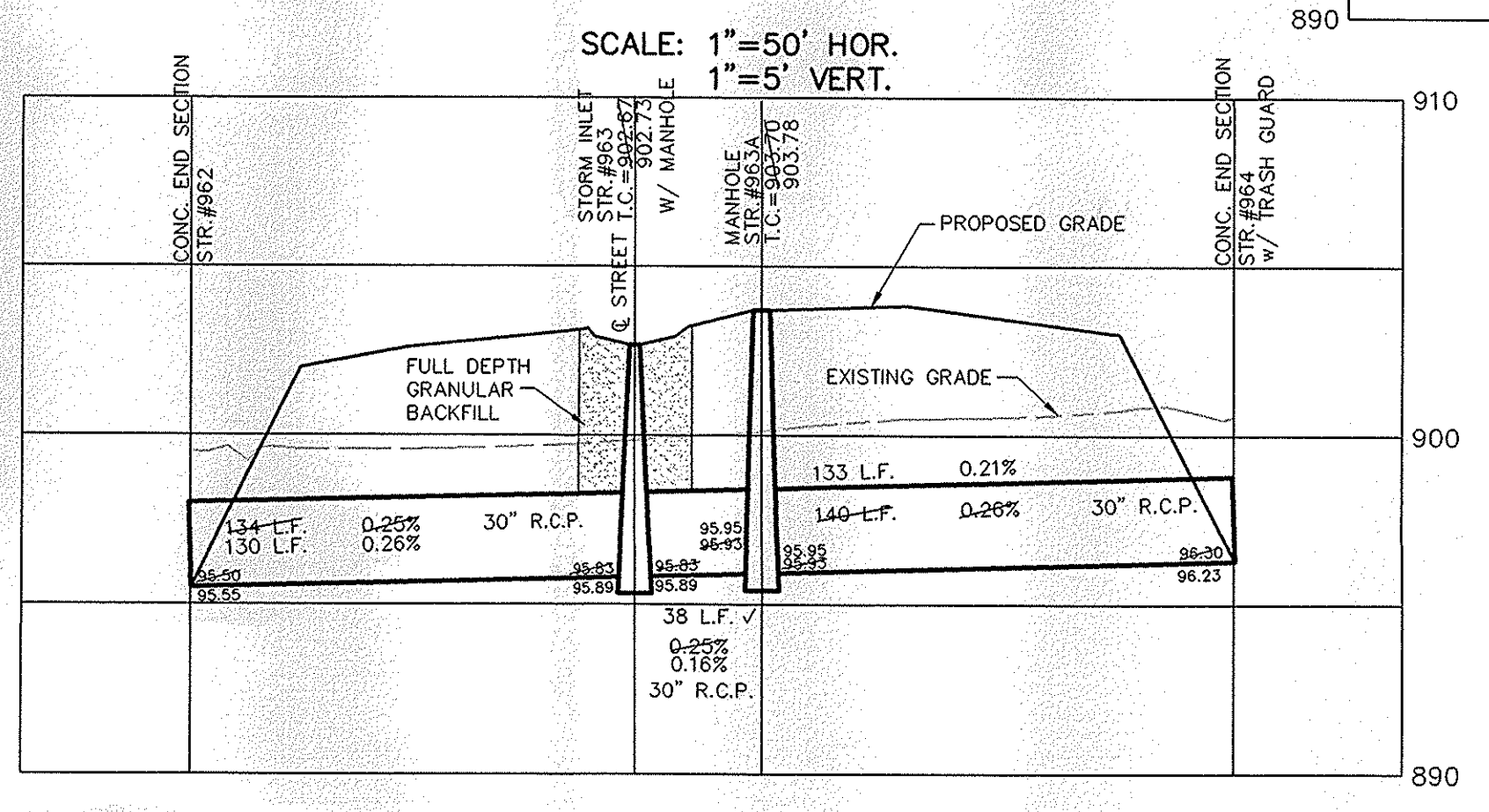
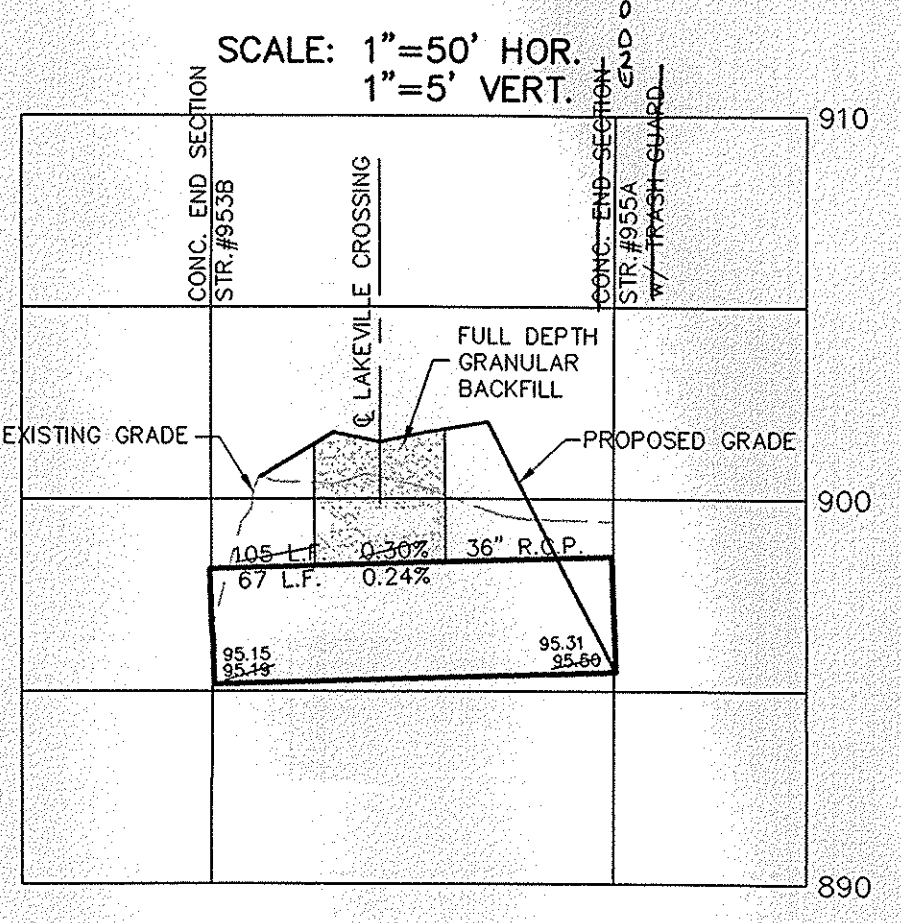
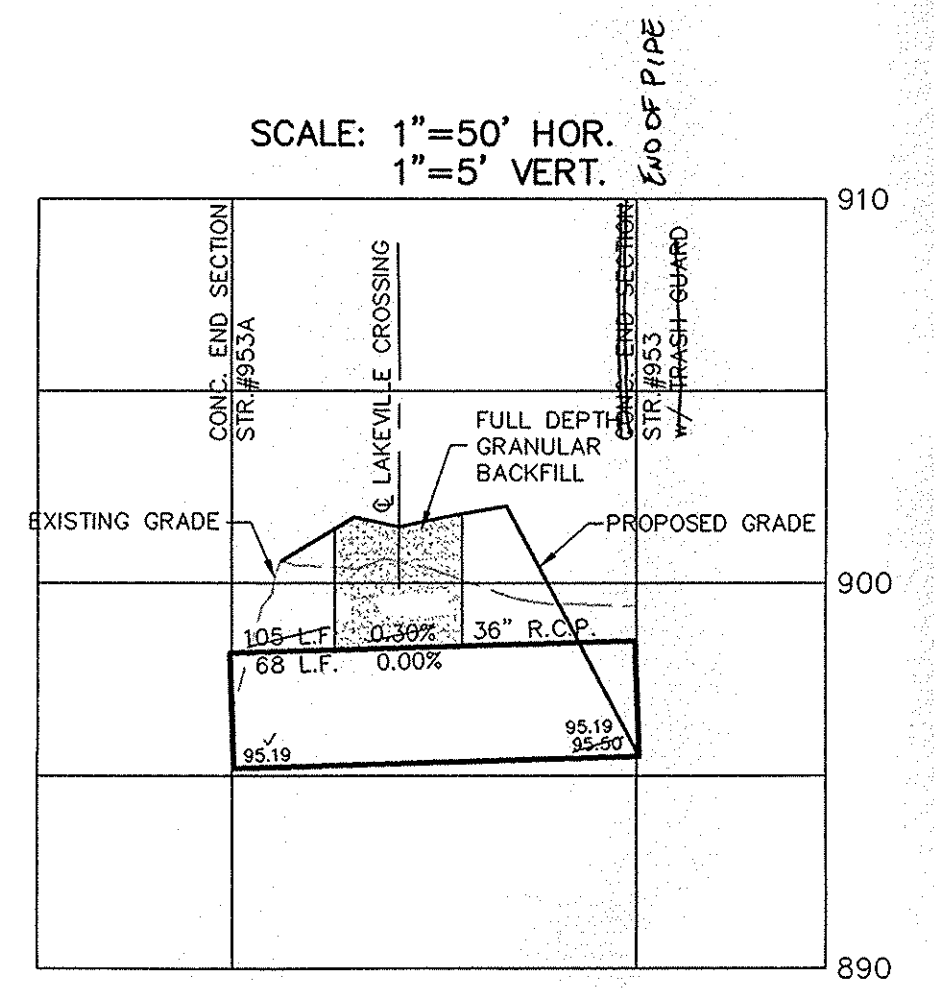
NOTE: ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY".

RECORD DRAWING

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



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: 3-18-08
 Entered By: SLM



AS BUILT	11/07/05	BAH	REV. TOWNHOMES PER DEVELOPER	REVISIONS	BY
OK BY	4/26/05	EEF	REVISE PER DEVELOPER CHANGES		
SCALE	1"=50'	BAH	REV. PER DEVELOPER/ENG GRADING PER DWR		
DATE	5/6/04	BAH			
DATE	8/17/04	MARK			

CERTIFIED: 8/17/04

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

INDIANA

FISHERS

INDIANA

WESTFIELD

STORM PLAN & PROFILES

THE TOWNHOMES AT COUNTRYSIDE

SHEET NO. C601

JOB NO. 27930S13