

Drain: SPRINGMILL VILLAGES DRAIN **Drain #:** 268
Improvement/Arm: MULBERRY FARMS - SECTION 1
Operator: JDH **Date:** 5-13-04
Drain Classification: Urban/Rural **Year Installed:** 1998

GIS Drain Input Checklist

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



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

January 9, 1998

RE: Springmill Villages Drain, Mulberry Farms, Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Mulberry Farms, Section 1 Arm, Springmill Villages 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	4822 ft	18" RCP	286 ft
12" RCP	1412 ft	21" 24" RCP	161 ft
15" RCP	569 ft	24" 20" RCP	930 ft

The total length of the drain will be 8,180 feet.

The retention pond (lake) located in the retention area at the rear of Lots 32 to 49 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 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 of 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. The portions of the SSD which will be regulated other than those under curbs are as follows: Rear of

Lots 17-18, Rear of Lots 24-26, Rear of Lots 12-14

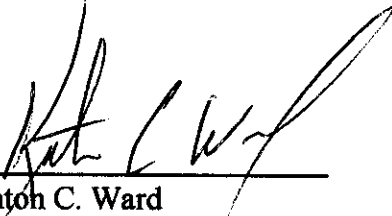
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways with a \$30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 1564.25.

Parcels assessed for this drain may be assessed for the Overman-Harvey 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 Mulberry Farms, Section 1 Arm as recorded in the office of the Hamilton County Recorder.

I recommend the board set a hearing for this proposed drain for February 1998.



Kenton C. Ward
Hamilton County Surveyor

Irwin Union Bank and Trust Company
11611 N. Meridian Street
Suite 100
Carmel, Indiana 46032



An Irwin Financial Company

STANDBY LETTER OF CREDIT

Letter of Credit No. 41-97

Date: October 31, 1997

BENEFICIARY

Hamilton County Commissioners
Noblesville, Indiana 46060

APPLICANT

Springmill Properties, LLC.
9551 Delegates Row
Indianapolis, Indiana 46240

We hereby establish our Irrevocable Letter of Credit in your favor, for the account of Springmill Properties, LLC, for the sum or sums not exceeding an aggregate amount of USD130,000.00 (One Hundred Thirty Thousand and 00/100 U.S. Dollars).

Funds are available by your drafts at sight drawn on Irwin Union Bank and Trust Co., Carmel, Indiana. Drafts are to be accompanied by:

The original of the Letter of Credit No. 41-97.
Beneficiary's signed statement stating that "Springmill Properties, LLC has failed to complete the storm sewers (\$85,800.), subsurface drains (\$22,700.), erosion control (\$18,500.) or monumentation (\$3,000.) for Section One at Mulberry Farms."


Partial drawings are permitted.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Irwin Union Bank and Trust Co. Letter of Credit No. 41-97" and must be drawn and presented at this office on or before October 31, 1998.

We hereby agree with you that all drafts drawn under and in compliance with the term of this Letter of Credit will be duly honored upon proper presentation.

Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours,


David C. Bowers
Vice President – Hamilton County

FILED

DEC 02 1997

OFFICE OF HAMILTON COUNTY SURVEYOR

RELEASED 10-26-98

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Mulberry Farms, Section One

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 comformity with all plans and specifications .

Signature: Leland D. Miller Jr. Date: September 30, 1998

Type or Print Name: Leland D. Miller Jr., Miller Surveying, Inc.

Business Address: 948 Conner Street
Noblesville, In. 46060

Telephone Number: (317) 773-2644

SEAL



INDIANA REGISTRATION NUMBER

S0083

FILED

SEP 30 1998

OFFICE OF HAMILTON COUNTY SURVEYOR



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

*Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230*

To: Hamilton County Drainage Board

December 17, 1998

**Re: Springmill Villages Drain:
Mulberry Farms Sec. 1**

Attached are as-builts, certificate of completion & compliance, and other information for Mulberry Farms Sec. 1. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain which will alter the plans submitted with my report for this drain dated January 9, 1998. The changes are as follows:

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

628		899.72				
629	905.89	899.93	24	153.1		157
629	905.89	899.93				
630	905.87	900.03	24	26		
630	905.87	900.03				
631	906.45	899.75	24	81.9		87
631	906.45	899.74				
632	904.91	899.49	24	155		
632	904.91	899.52				
634	906.97	899.37	24	165		
634	906.97	899.37				
635	906.92	899.37	24	26		
635	906.92	899.37				
636		898.73	24	188		
633	903.16	900.76				
632	904.92	899.49	12	289.4		287
618a	903.23	901.23				
618	902.93	900.86	12	199.6		200
618	902.93	900.86				

617	903.5	900.48	12	128.7	128
617	903.5	900.47			
616	903.41	900.45	18	26	
616	903.41	900.42			
615		899.86	21	159.2	161
614	903.14	901.06			
613	905.99	900.62	12	128.2	127
613	905.99	900.63			
612	905.97	900.63	18	26	
612	905.97	900.58			
611	907.11	900.33	18	48.4	49
611	907.11	900.28			
610		899.74	18	133	135
614b	902.57	900.32			
614a		899.92	12	349.5	352
609	907.96	904.75			
608	909.14	903.81	12	198.1	199
608	909.14	901.18			
607a	908.69	900.43	12	94.8	94
607a	908.69	900.42			
607		899.84	12	66.2	70
603	906.72	903.7			
604	906.69	903.55	12	40	
606		899.87			
605	906.69	901.52	18	159.2	160
605	906.69	901.5			
604	906.69	901.99	15	33	
604	906.69	902.06			
601	907.97	903.78	15	123.2	124
601	907.97	903.87			
602	907.77	904.38	12	57.6	15" - 58
627	907.57	904.1			
626	906.12	903.11	12	264.1	262
626	906.12	903.07			
625	906.93	902.45	15	152.9	155
625	906.93	902.61			
624	906.82	902.38	15	26	
624	906.82	902.3			
623		899.89	15	175.1	173
622	906.92	904.05			
620	907.06	903.71	12	33	
621	906.7	903.76			
620	907.06	903.71	12	42	40
620	907.06	903.5			
619		900.03	12	183.8	187
637		898.8			

638	905.6	898.54	24	41		
638	905.6	898.54				
639	905.01	898.11	24	110		

6" SSD Streets:

River Birch Rd	2864
Acorn	195
x2	

Total: 6118

6" SSD Lots:

24-26	260
9	60
17-18	205
12-14	395

Total: 920

RCP Pipe Totals:

12"	2075
15"	510
18"	392
21"	159
24"	946

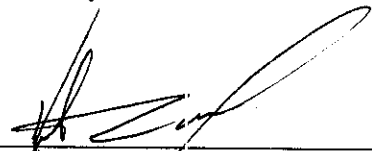
The length of the drain due to the changes described above is now **11,120 feet**.

The non-enforcement was approved by the Board at its meeting on February 23, 1998.

The bond or letter of credit from Irwin Union Bank, number 41-97; dated October 31, 1997; in the amount of \$130,000.00; was released October 26, 1998.

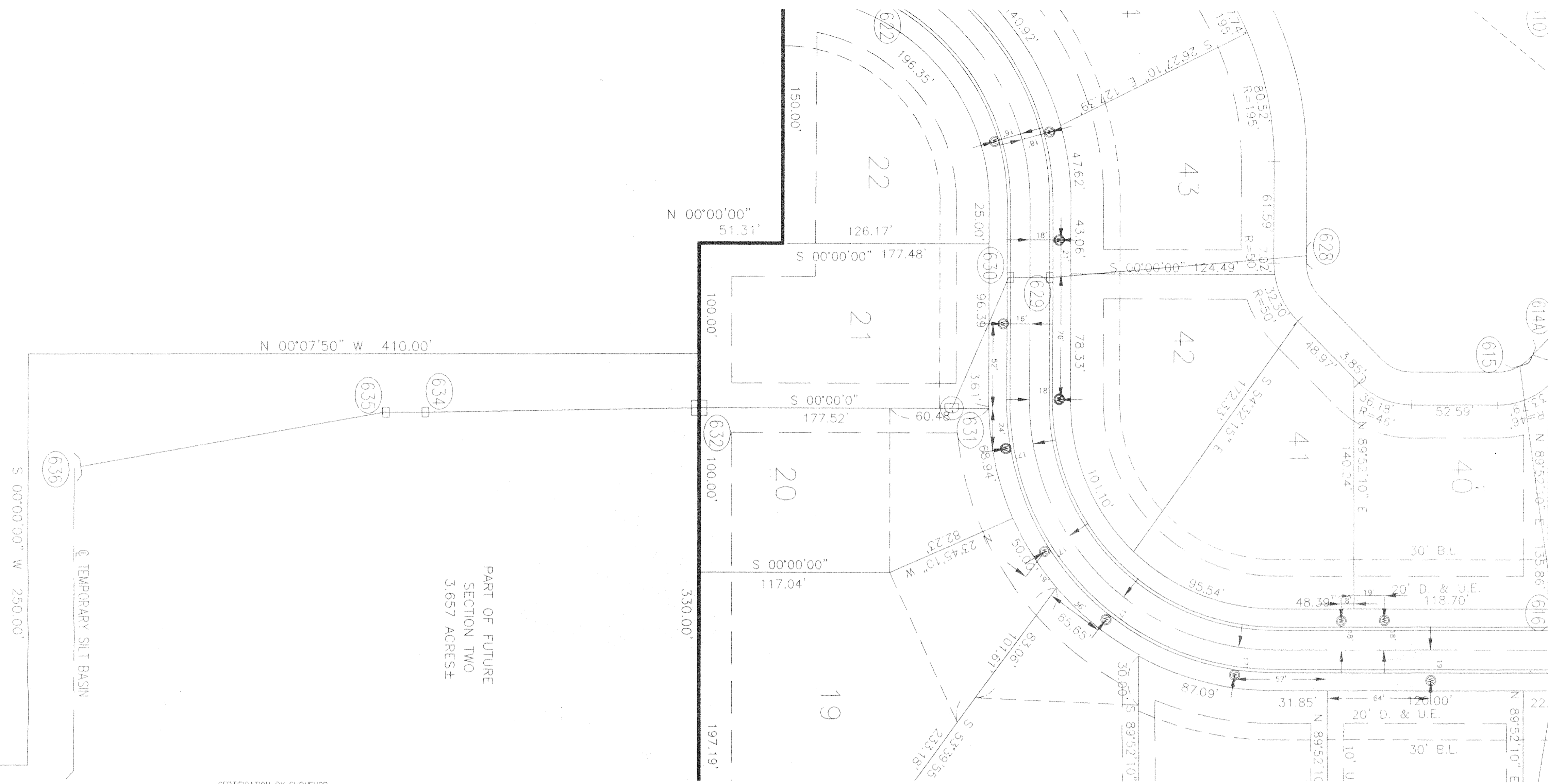
I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

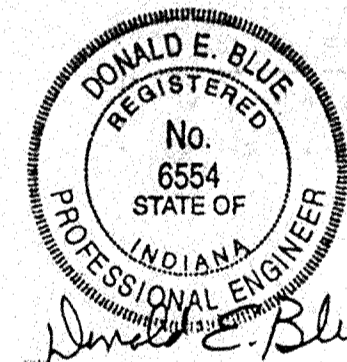
KCW/slm



CERTIFICATION BY SURVEYOR

The attached ASBUILT DRAWINGS, page 1 through 8 are, to the best of my knowledge and belief a true and correct representation of the STORM SEWER SYSTEM installation.

Leland D. Miller, Jr.
 Leland D. Miller, Jr. #50083 Date 7-18-98
 Miller Surveying, Inc.

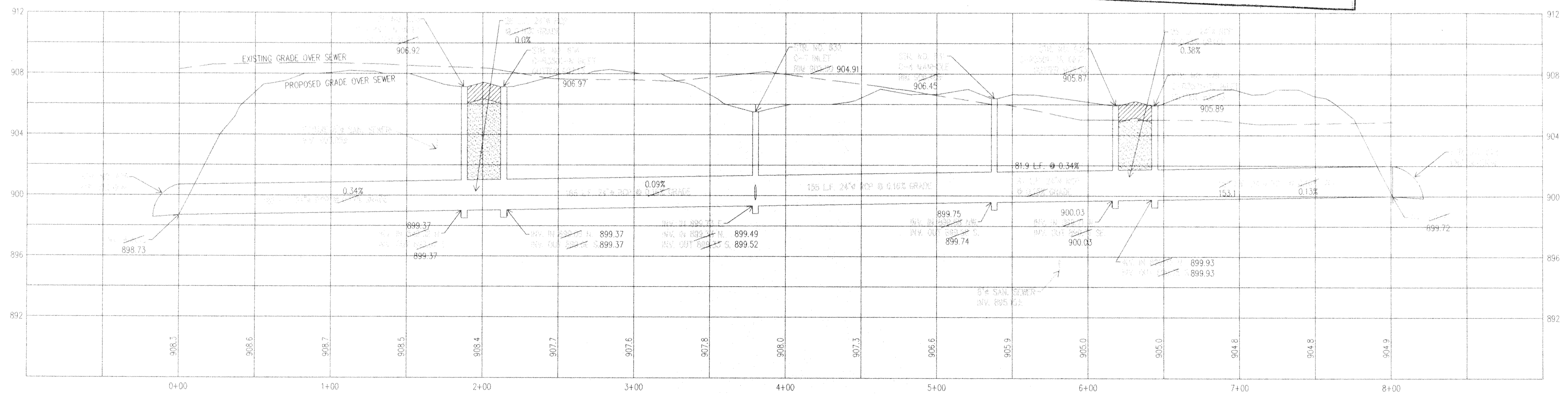


Hamilton County, Indiana
 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 5-13-04
 Entered by: JOT

RIVER BIRCH ROAD

SCALE: HORIZONTAL 1" = 40'
 VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.



REV.	DATE	BY	CHK.	SCALE	AS SHOWN

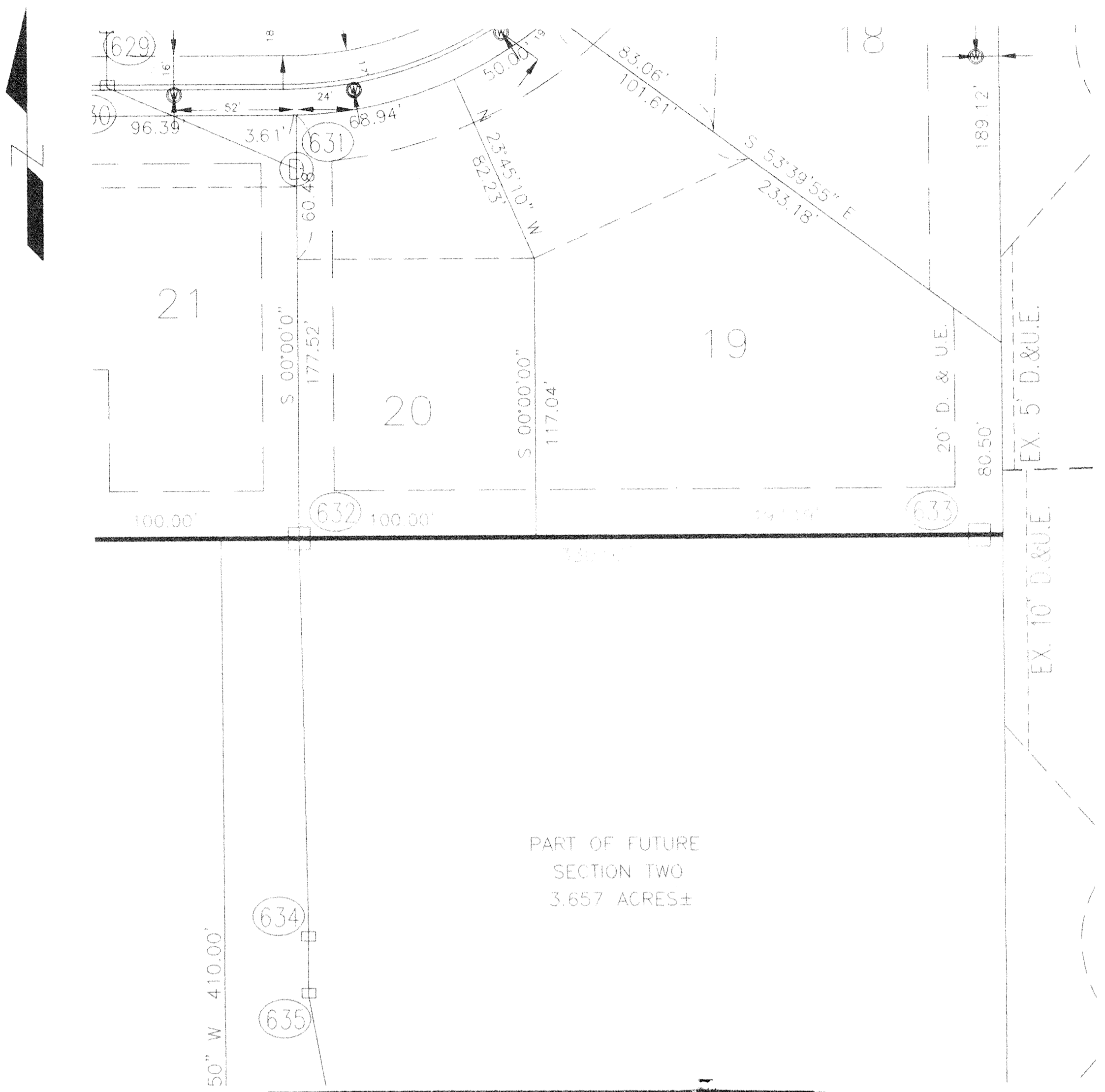
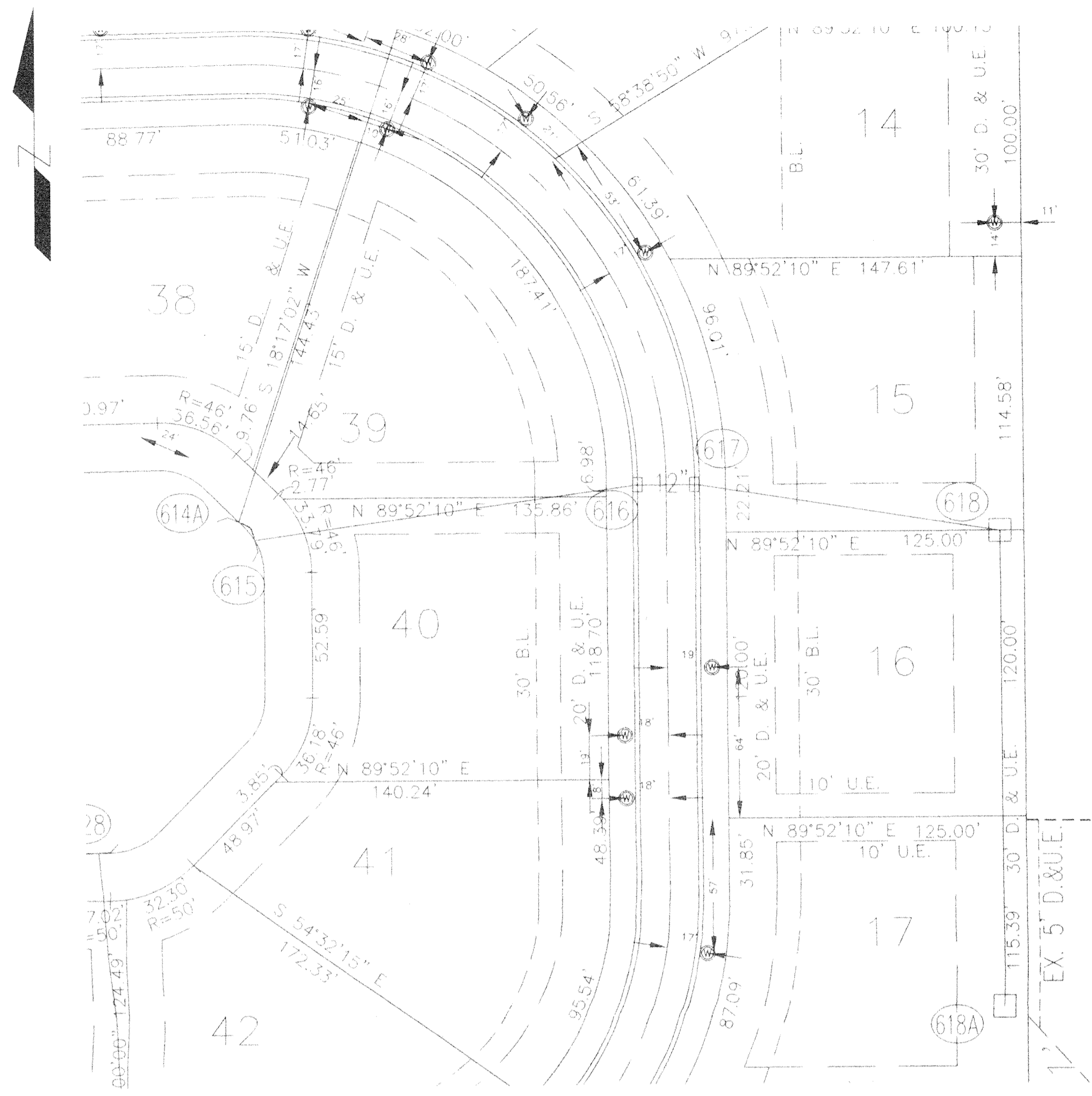
MILLER SURVEYING, INC.
 948 CONNER STREET
 NOBLESVILLE INDIANA 46060
 Ph. # (317) 772-2444 FAX 772-2684

RAYL SURVEYING & ENGINEERING
 1940 E 53RD STREET
 ANDERSON, INDIANA 46013
 Ph. # (765) 642-5814
 Fax # (765) 642-1874

STORM SEWER PLAN & PROFILE
MULBERRY FARMS SECTION ONE

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: _____
 JOB NO: B23927
 SHEET _____ OF _____



PART OF FUTURE SECTION TWO 3.657 ACRES±

RIVER BIRCH ROAD

■ FULL DEPTH GRANULAR BACKFILL

CERTIFICATION BY SURVEYOR
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 Leland D. Miller, Jr. #50083 Date 9-18-98
 Miller Surveying, Inc.



Hamilton County Indiana 1823

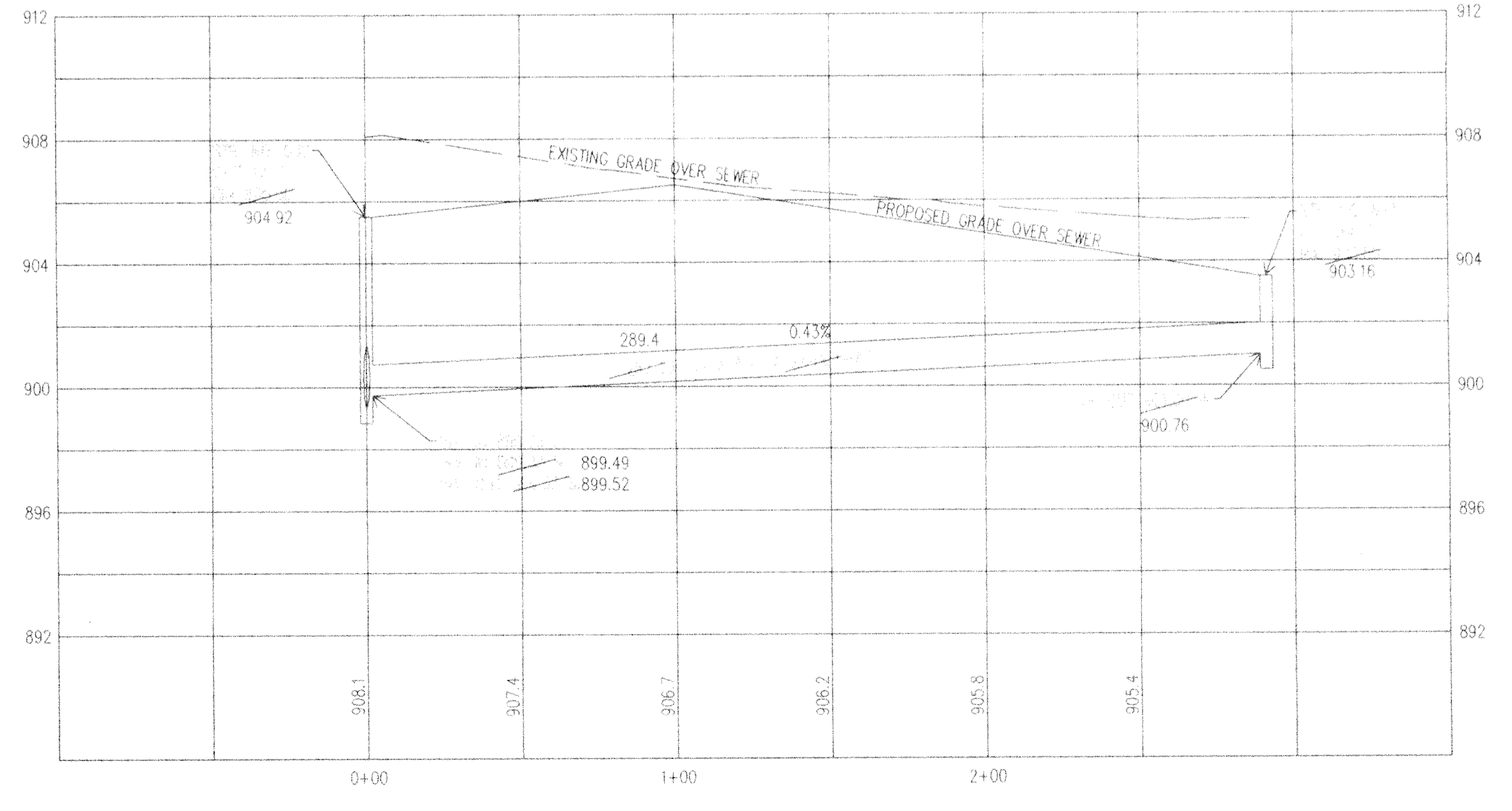
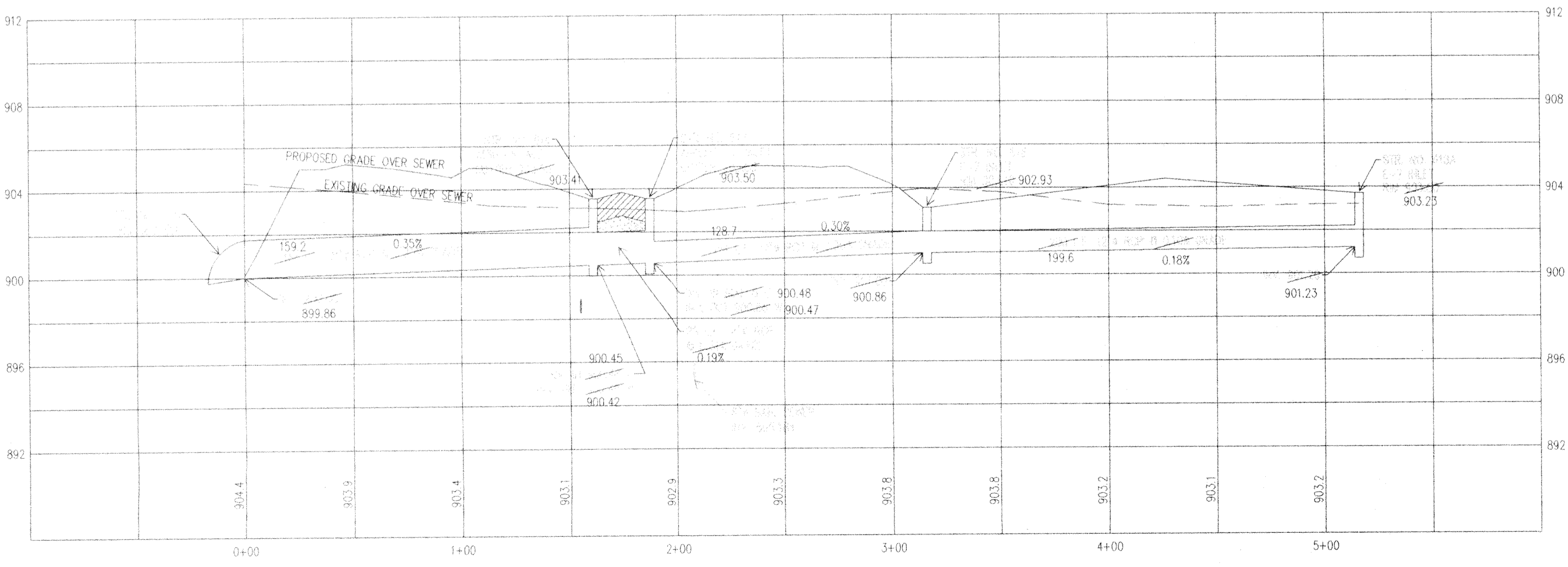
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Entry Date: 5/3-04

Entered by: JDH

SCALE: HORIZONTAL 1" = 40'
 VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.



REVISIONS

DATE	BY	DESCRIPTION
11/6/97	PER HAMILTON COUNTY SURVEYOR'S OFFICE REVIEW	

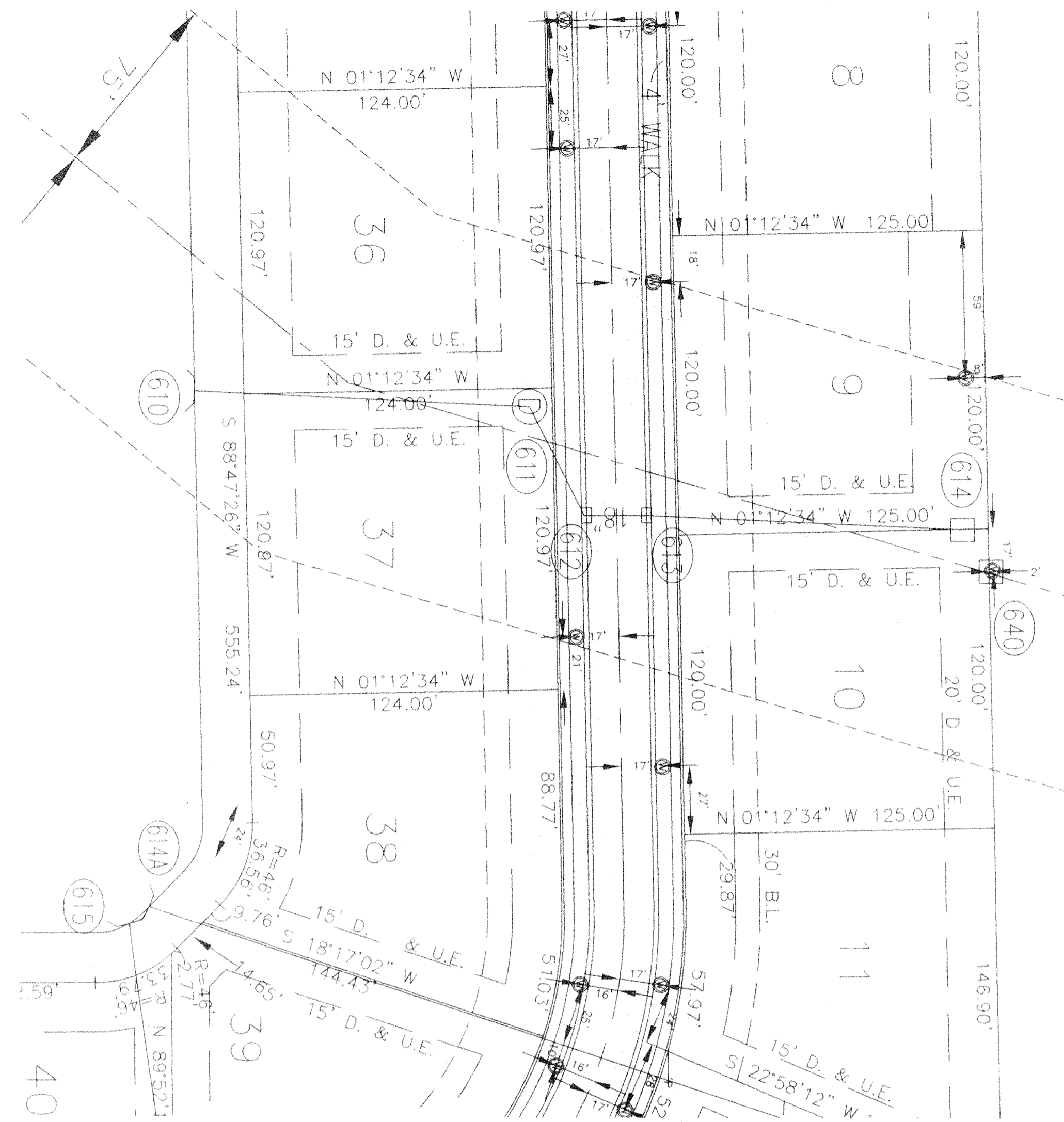
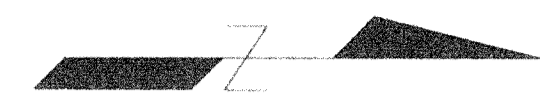
MILLER SURVEYING, INC.
 645 AVENUE B
 NOBLESVILLE, INDIANA 46060
 Ph # (317) 773-2844 Fax # 773-2884

RAYL SURVEYING & ENGINEERING
 10000 STATE STREET
 ANDREWS, INDIANA 46613
 Ph # (765) 643-5614 Fax # (765) 643-1874

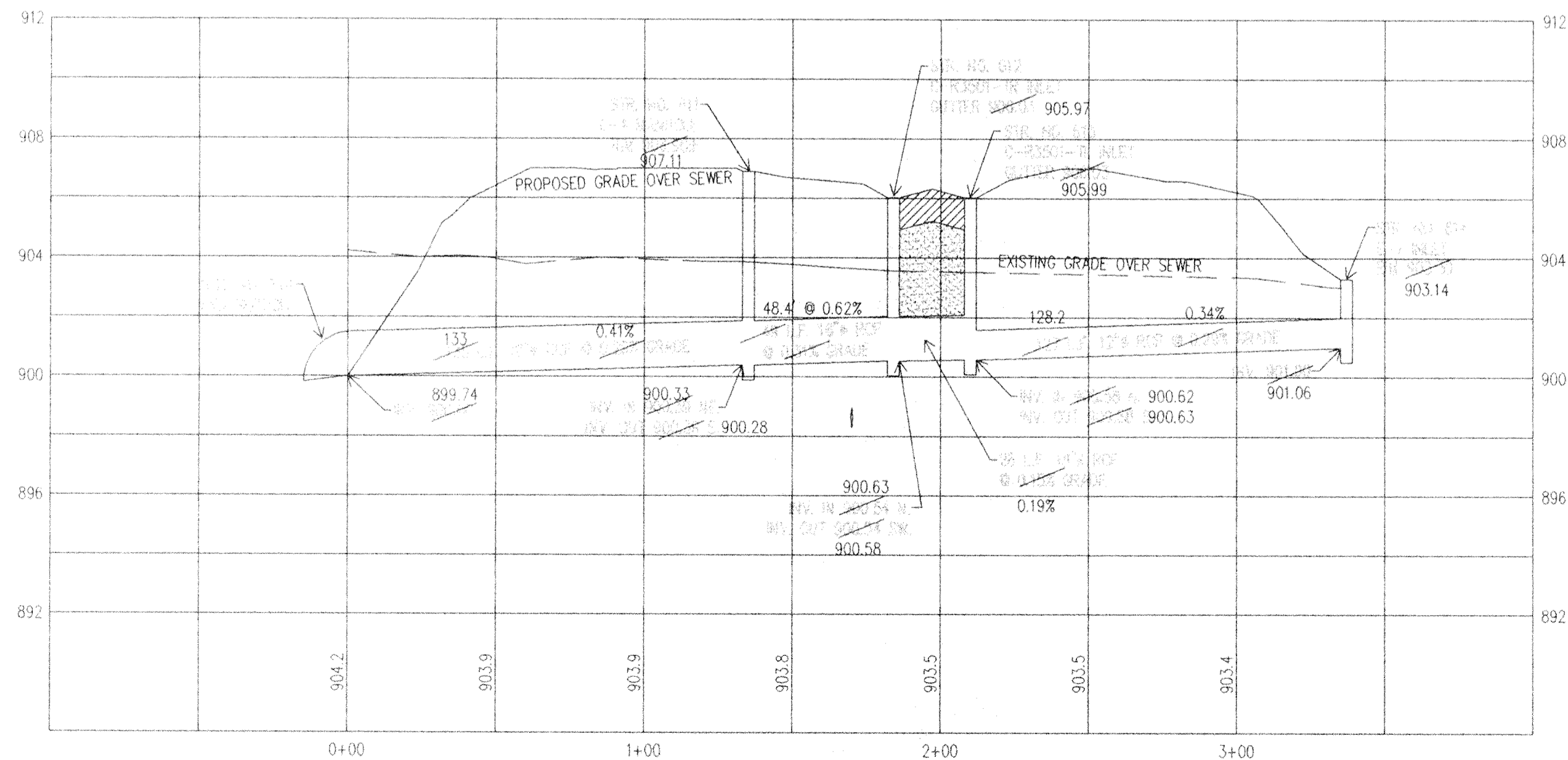
STORM SEWER PLAN & PROFILE
MULBERRY FARMS SECTION ONE

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: _____
 JOB NO: B23927
 SHEET 2 OF 8



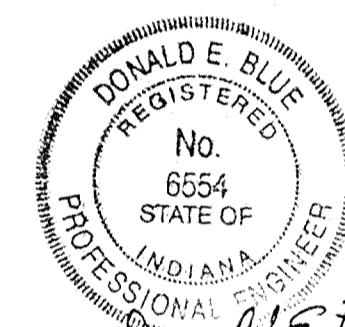
 - FULL DEPTH GRANULAR BACKFILL



CERTIFICATION BY SURVEYOR

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Leland D. Miller, Jr. 7-18-98
 Leland D. Miller, Jr. #50083 Date
 Miller Surveying, Inc.



Donald E. Blue

SCALE: HORIZONTAL 1" = 40'
VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.



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: 5-13-04

Entered by: JOH

**STORM SEWER
PLAN & PROFILE
MULBERRY FARMS
SECTION ONE**

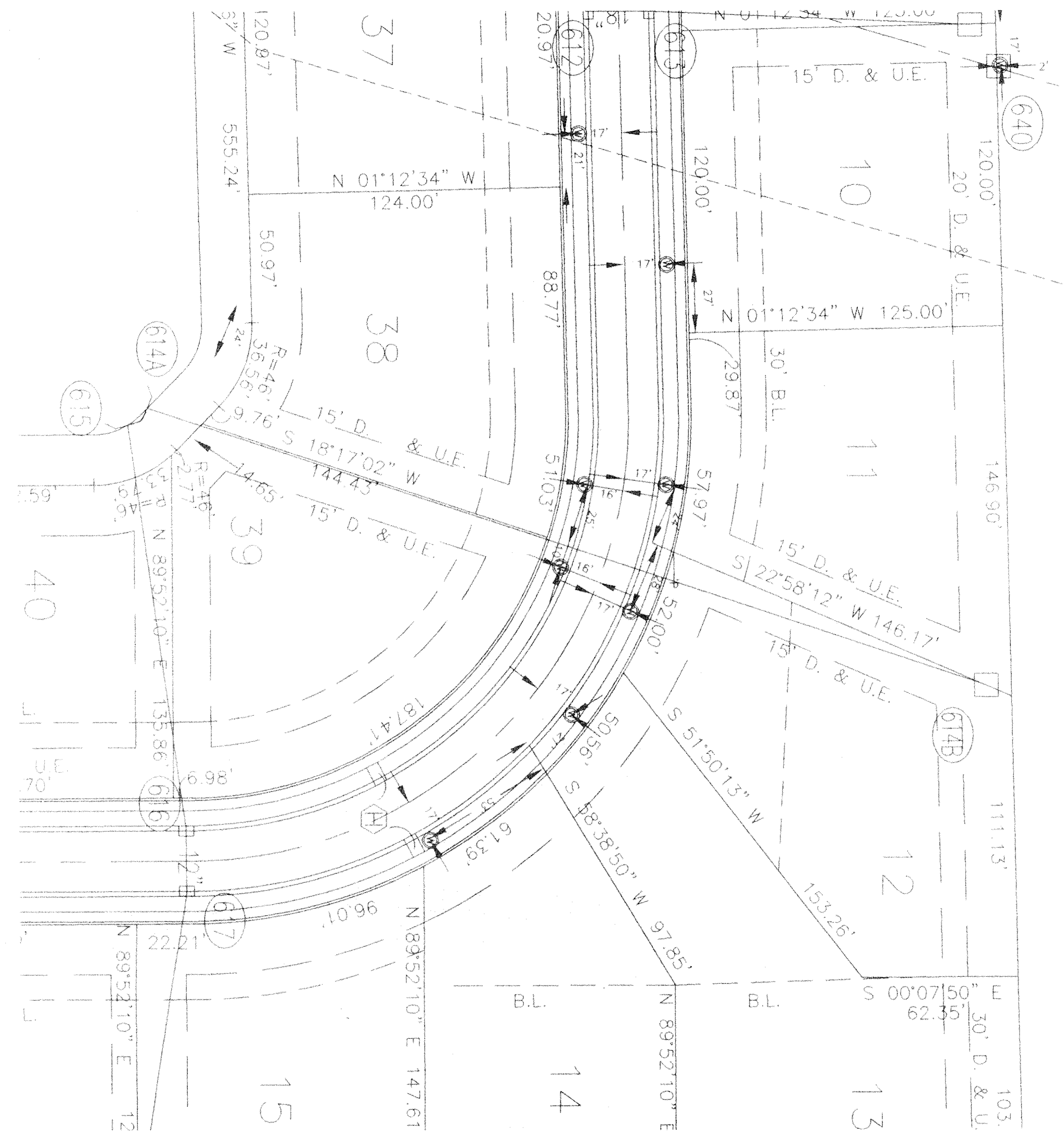
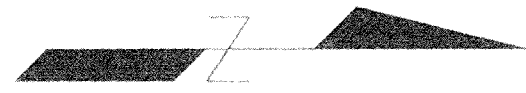
MILLER SURVEYING, INC.
 949 CONNER STREET
 NOBLESVILLE INDIANA 46060
 Ph. # (317) 773-2844 FAX 773-2894

RAYL SURVEYING & ENGINEERING
 1000 E. 83RD STREET
 ANDERSON, INDIANA 46013
 Ph. # (765) 843-5614
 Fax # (765) 843-1874

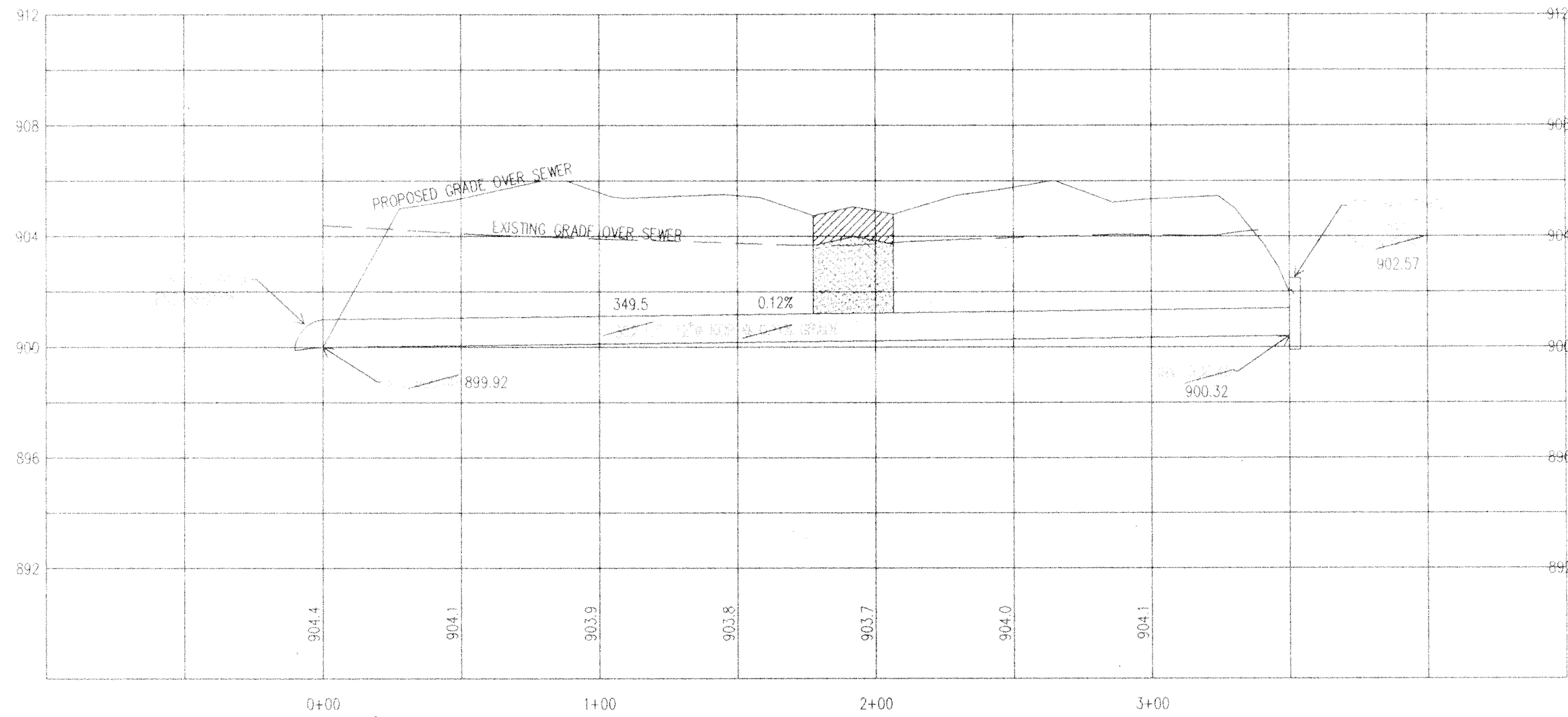
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 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: _____
JOB NO: 823927

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 FULL DEPTH GRANULAR BACKFILL

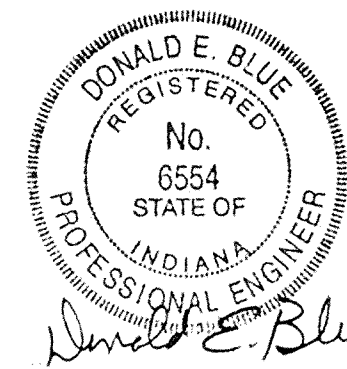


CERTIFICATION BY SURVEYOR

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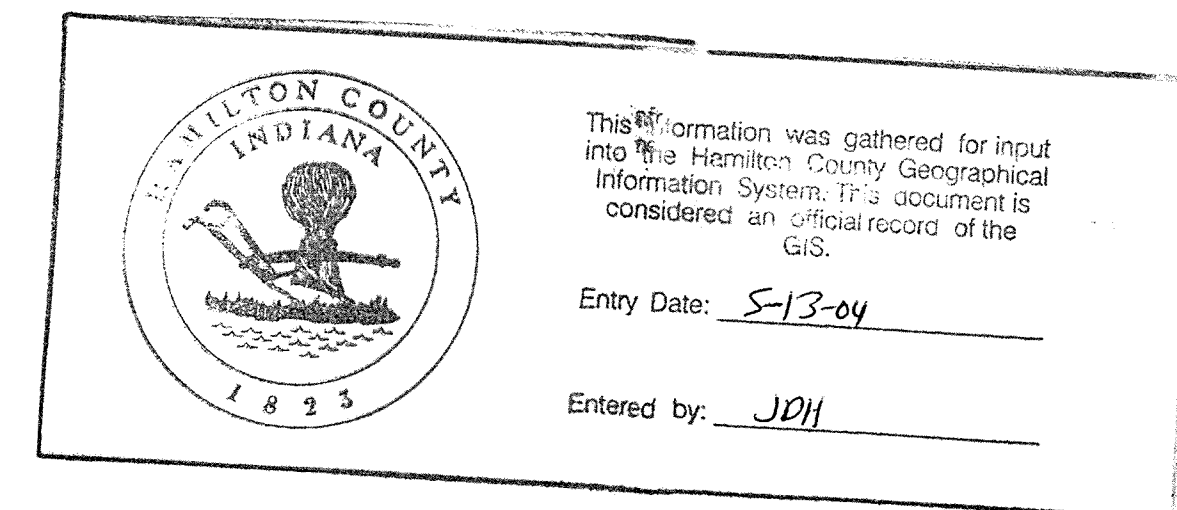
Leland D. Miller, Jr.
 Leland D. Miller, Jr. #50083
 Miller Surveying, Inc.

7-16-98
Date



SCALE: HORIZONTAL 1" = 40'
VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.



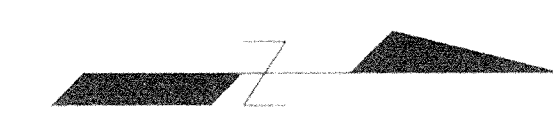
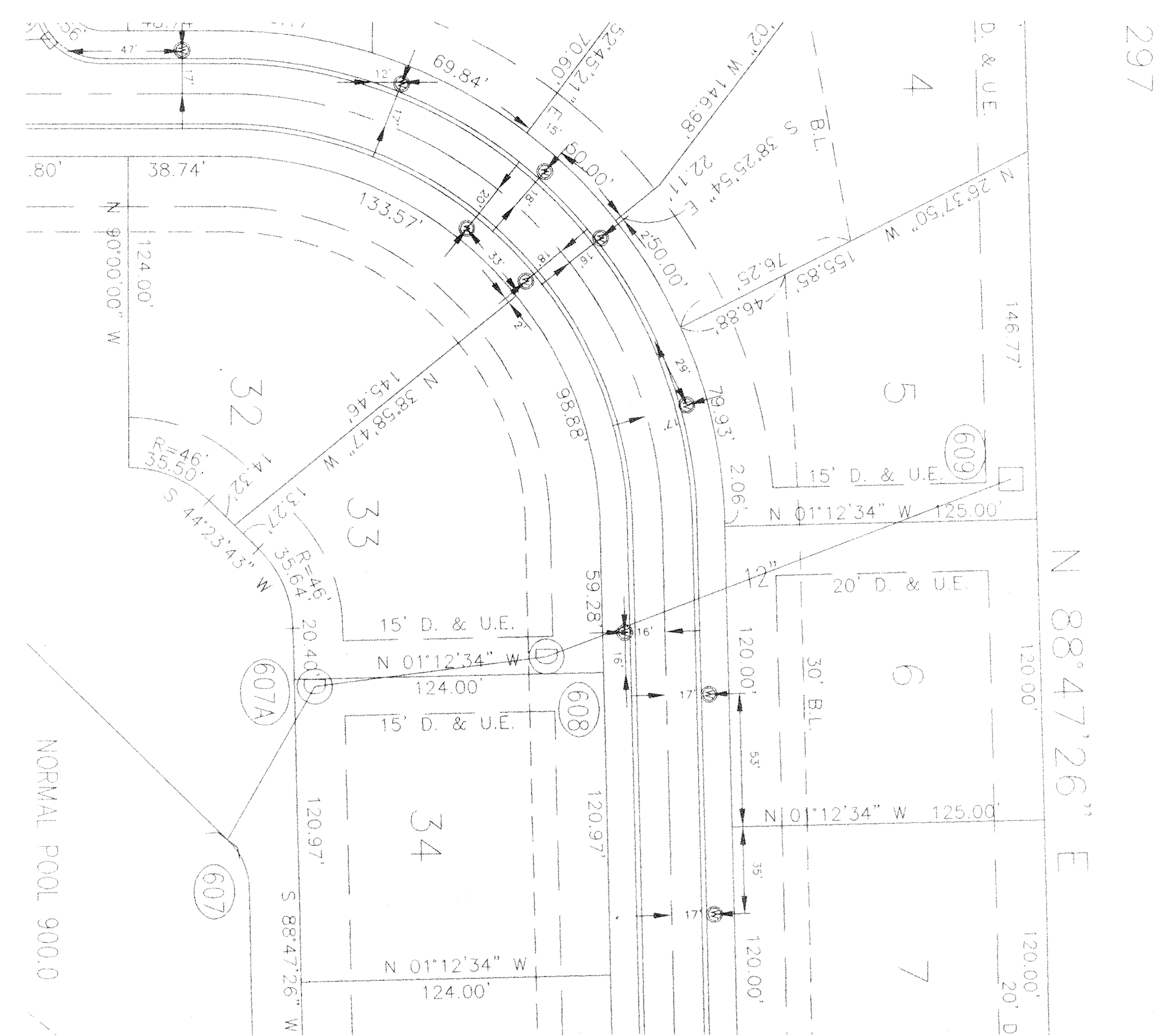
DATE	11/8/97	PER HAMILTON COUNTY SURVEYOR'S OFFICE REVIEW
DWG. BY		
CHK. BY		
SCALE		
AS SHOWN		
DATE		

MILLER SURVEYING, INC.
 1000 W. MARKET ST.
 NOBLESVILLE, INDIANA 46060
 Ph. # (817) 773-2644 FAX 773-2684
RAYL SURVEYING & ENGINEERING
 1111 S. W. 11TH ST.
 ANDERSON, INDIANA 46013
 Ph. # (765) 643-5614
 Fax # (765) 643-1874

**STORM SEWER
 PLAN & PROFILE
 MULBERRY FARMS
 SECTION ONE**

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE:
 JOB NO: B23927
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 OF
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RIVER BIRCH ROAD

CERTIFICATION BY SURVEYOR
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Leland D. Miller, Jr.
 Leland D. Miller, Jr. #50063
 Miller Surveying, Inc.

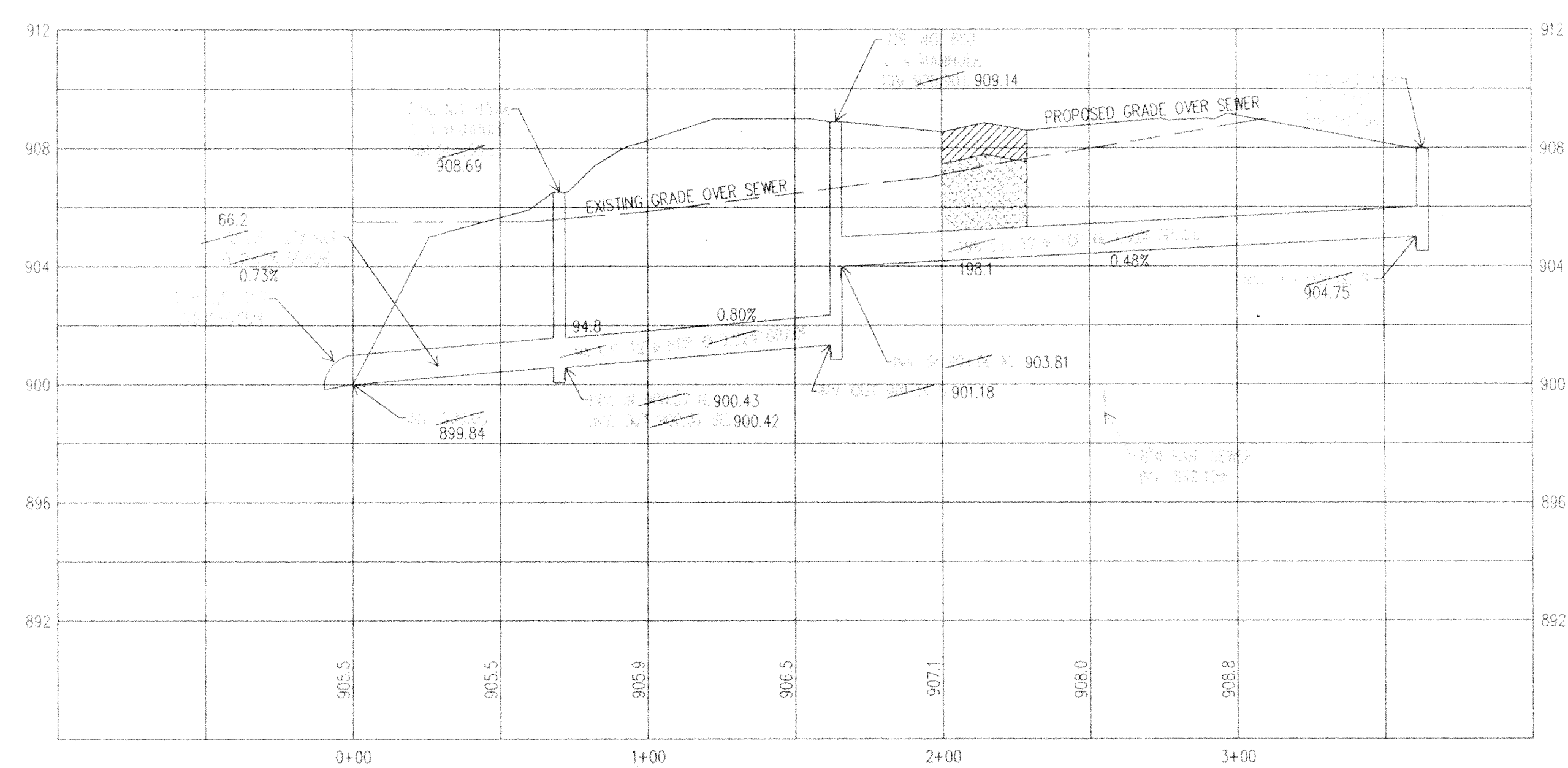
7-18-78
 Date



SCALE: HORIZONTAL 1" = 40'
 VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY


FULL DEPTH GRANULAR BACKFILL



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: 5-13-84

Entered by: JDM



NO.	DATE	REVISIONS

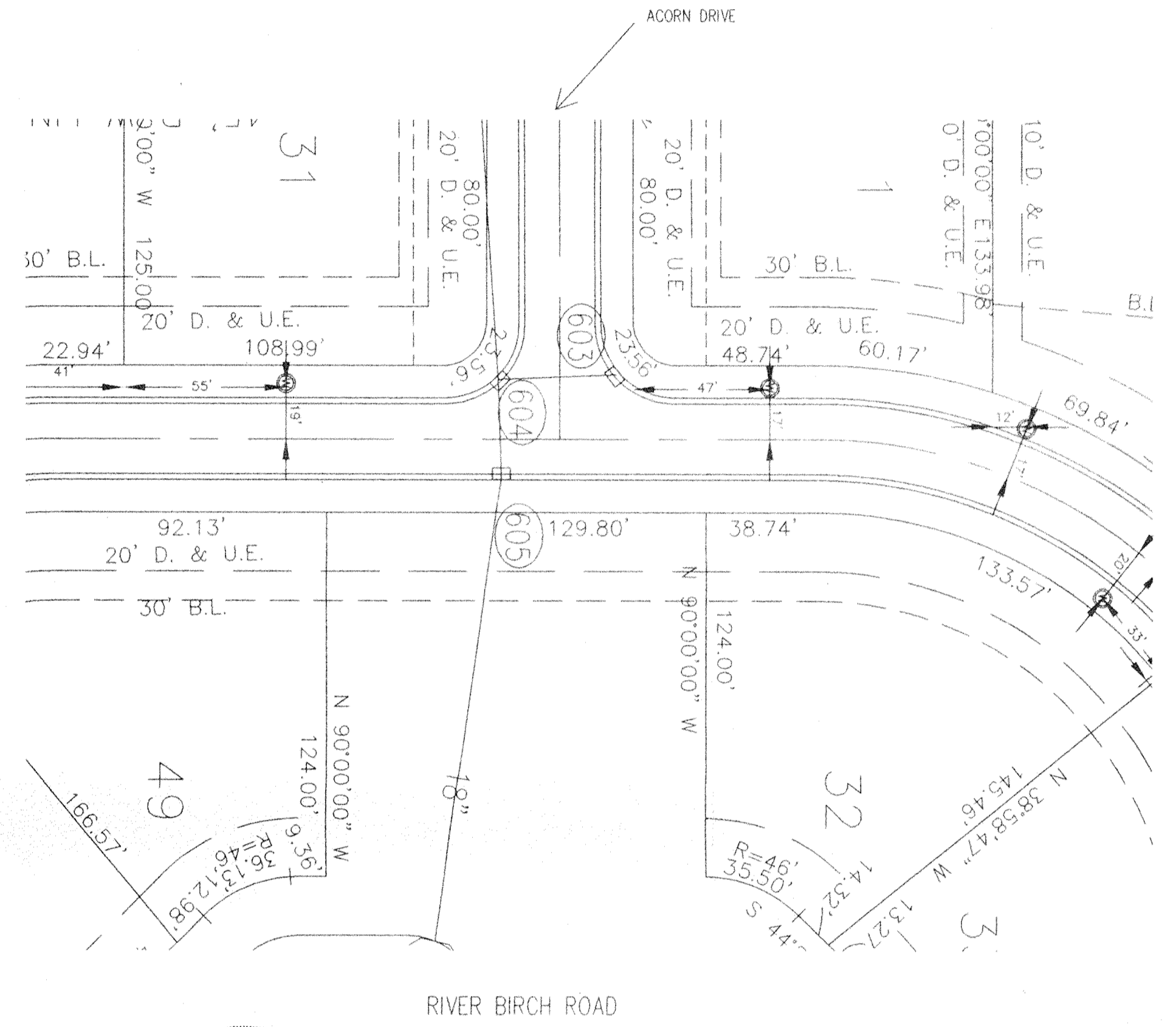
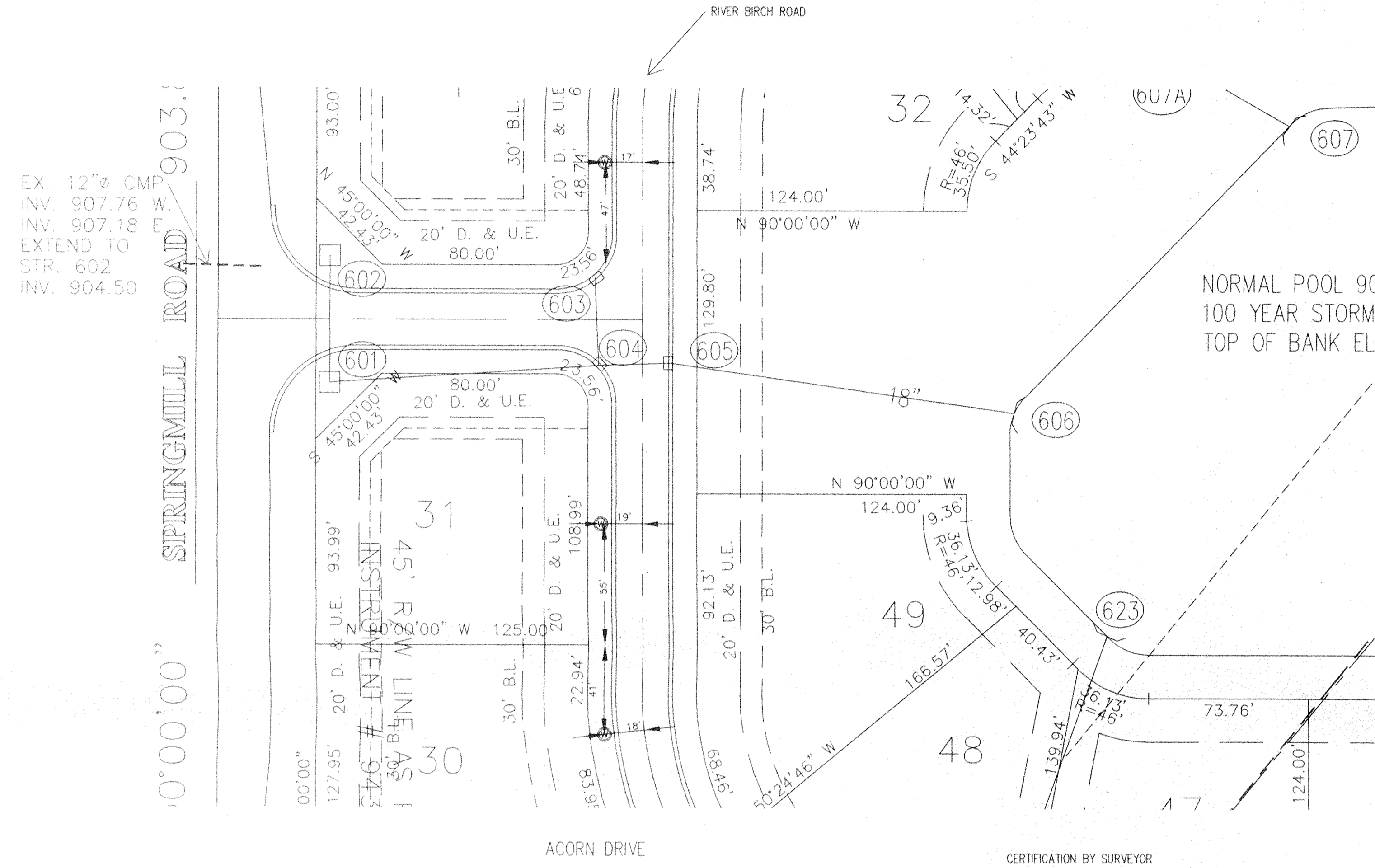
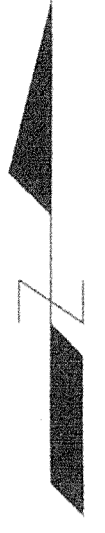
MILLER SURVEYING, INC.
 948 CONNER STREET
 NOBLESVILLE INDIANA 46060
 Ph. # (317) 773-2844 FAX 773-2844

RAYL SURVEYING & ENGINEERING
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 Ph. # (765) 943-5814
 Fax # (765) 943-1874

**STORM SEWER
 PLAN & PROFILE
 MULBERRY FARMS
 SECTION ONE**

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE
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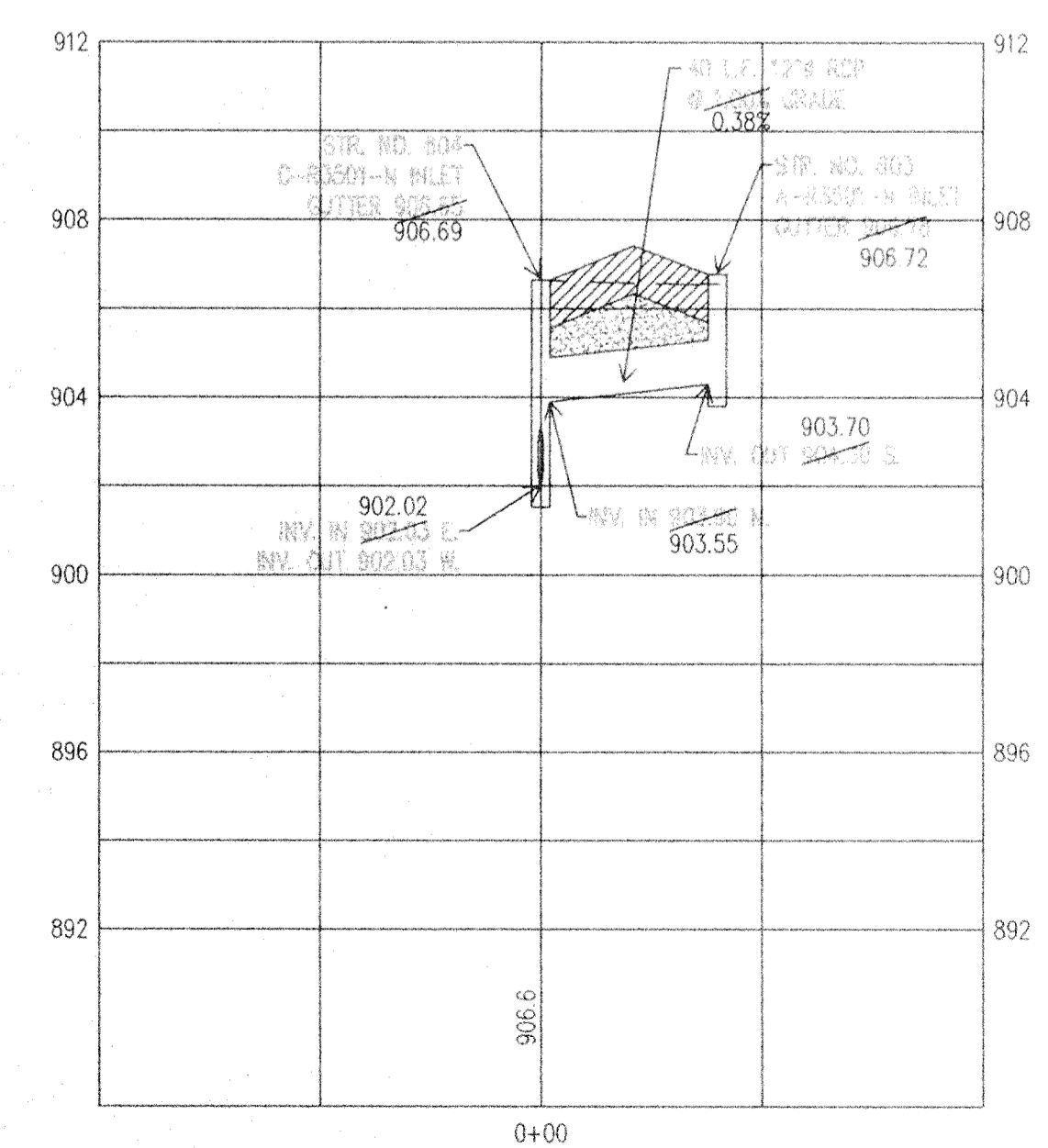


 FULL DEPTH GRANULAR BACKFILL

CERTIFICATION BY SURVEYOR
 The attached ASBUILT DRAWINGS, page 1 through 8 are, to the best of my knowledge and belief a true and correct representation of the STORM SEWER SYSTEM installation.
Leland D. Miller, Jr.
 Leland D. Miller, Jr. #50083
 Miller Surveying, Inc.

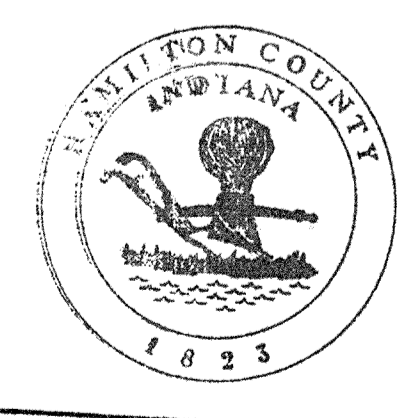


Date 9-18-98



SCALE: HORIZONTAL 1" = 40'
 VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.


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 Entry Date: 5-13-04
 Entered by: JDI

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

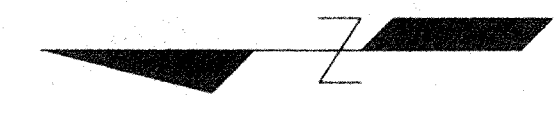
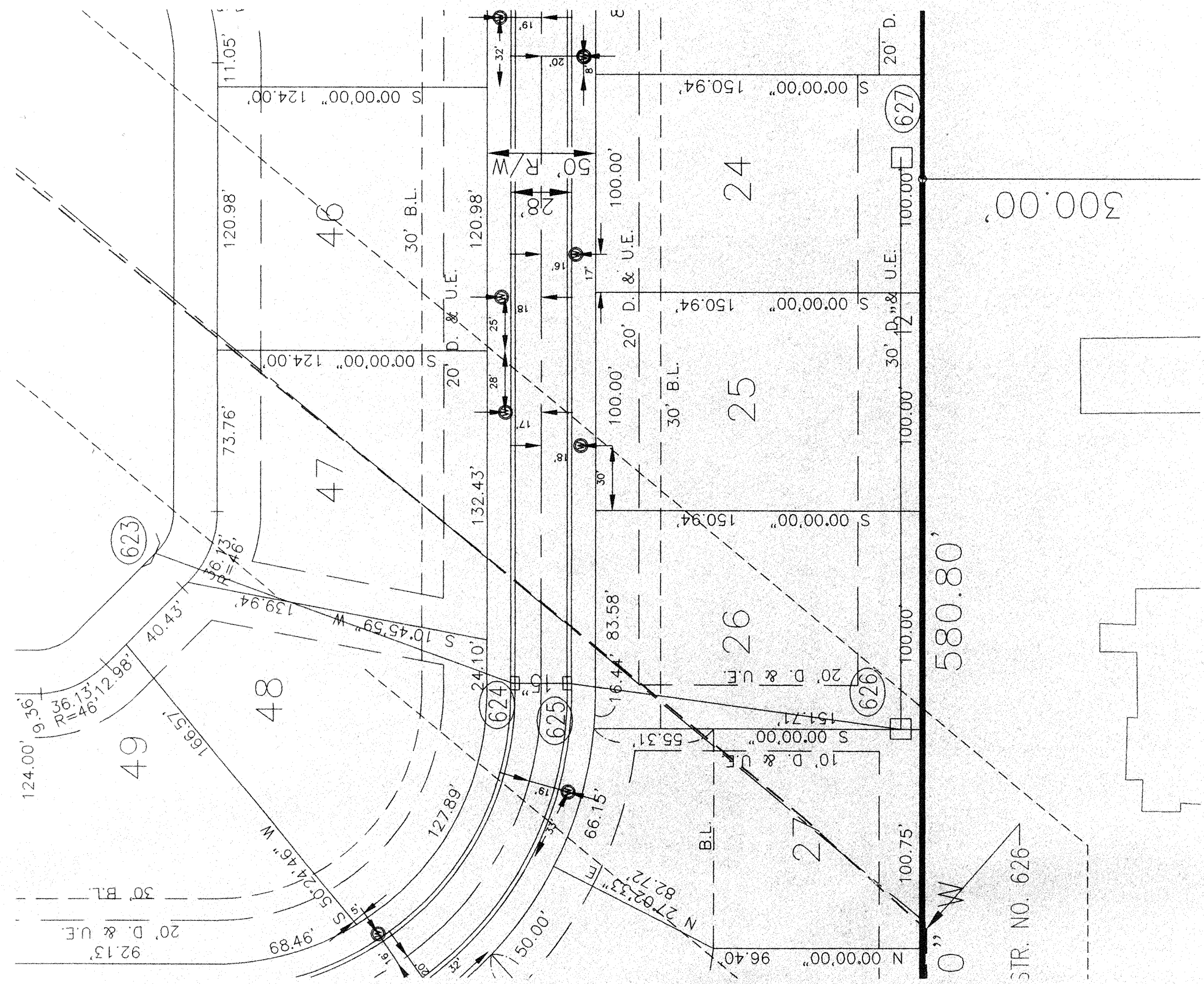
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 JOB NO: B23927

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PRECISIONS	DATE
DRAWN BY	DATE
CHECK BY	DATE
SCALE	AS SHOWN
DATE	DATE

MILLER SURVEYING, INC
 948 CORNER STREET
 NOBLESVILLE INDIANA 46060
 Ph. # (317) 773-2844 FAX 773-2884
RAYL SURVEYING & ENGINEERING
 1940 E. 43RD STREET
 ANDERSON, INDIANA 46013
 Ph. # (765) 842-8814
 Fax # (765) 842-1874

STORM SEWER PLAN & PROFILE
MULBERRY FARMS SECTION ONE



RIVER BIRCH ROAD

CERTIFICATION BY SURVEYOR

The attached ASBUILT DRAWINGS, page 1 through 8 are, to the best of my knowledge and belief a true and correct representation of the STORM SEWER SYSTEM installation.

Leland D. Miller, Jr.
 Leland D. Miller, Jr. #50083 Date 9-18-98
 Miller Surveying, Inc.

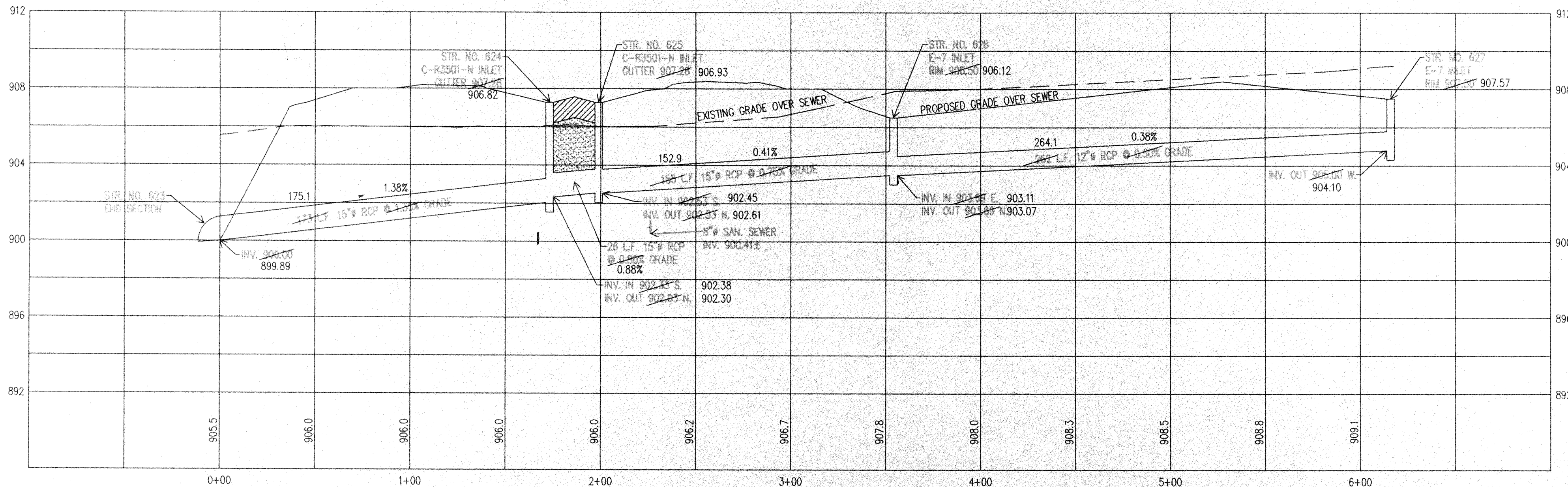


Donald E. Blue

SCALE: HORIZONTAL 1" = 40'
 VERTICAL 1" = 4'

NOTE: PROFILE STATIONING APPLIES TO STORM SEWER ONLY.

- FULL DEPTH GRANULAR BACKFILL



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: 5-13-04

Entered by: JDH

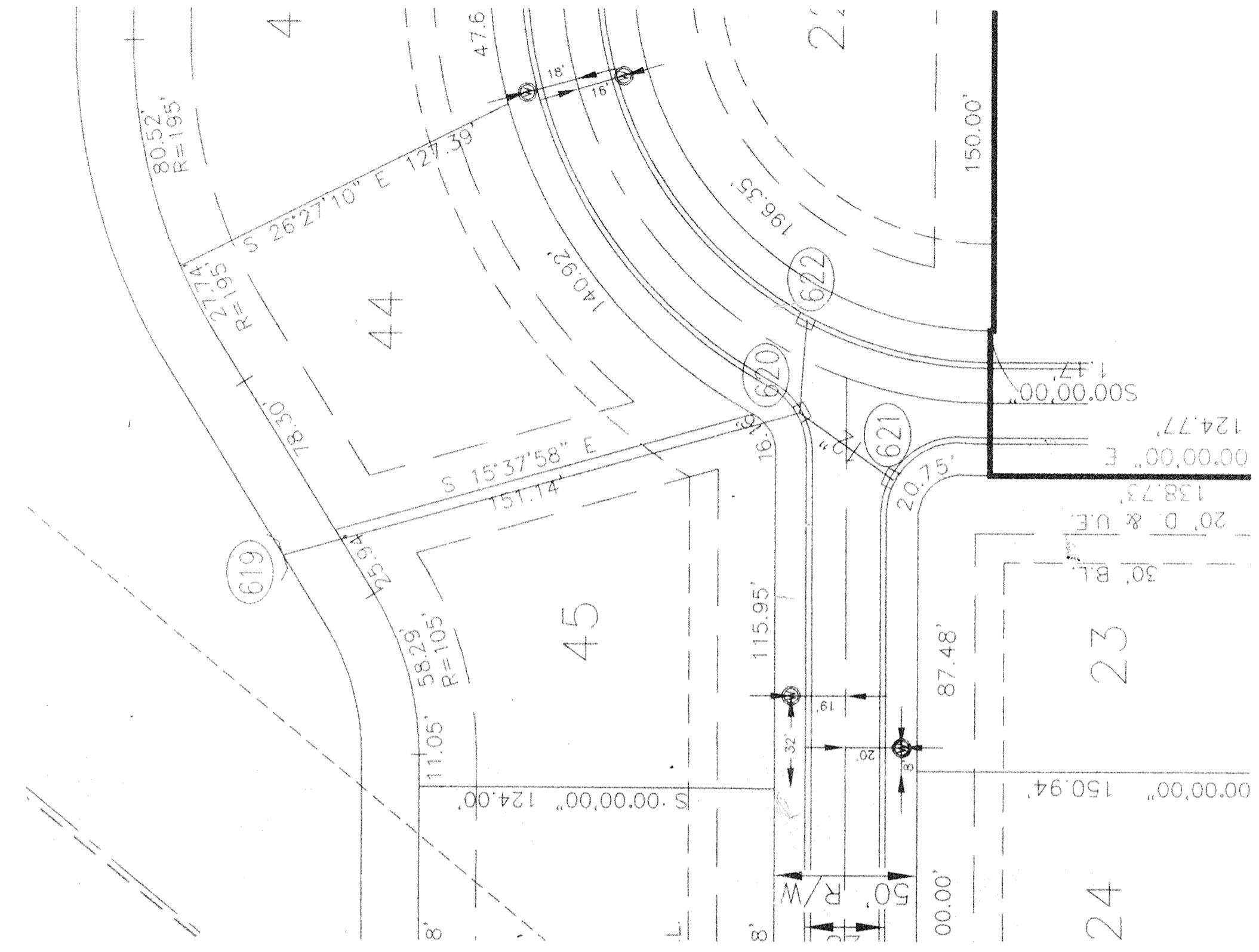
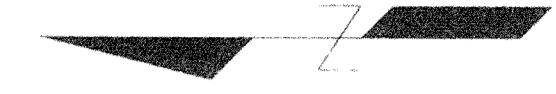
MILLER SURVEYING, INC.
 948 CONNER STREET
 HAMILTON COUNTY, INDIANA 46020
 Ph. # (317) 773-2844 FAX 773-2894

RAYL SURVEYING & ENGINEERING
 1940 E. 53RD STREET
 HAMILTON COUNTY, INDIANA 46013
 Ph. # (765) 642-6814
 Fax # (765) 642-1874

**STORM SEWER
 PLAN & PROFILE
 MULBERRY FARMS
 SECTION ONE**

FILED
 SEP 22 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: _____
 JOB NO: B23927
 SHEET 7 OF 8



RIVER BIRCH ROAD

CERTIFICATION BY SURVEYOR
The attached ASBUILT DRAWINGS, page 1 through 8 are, to the best of my knowledge and belief a true and correct representation of the STORM SEWER SYSTEM installation.

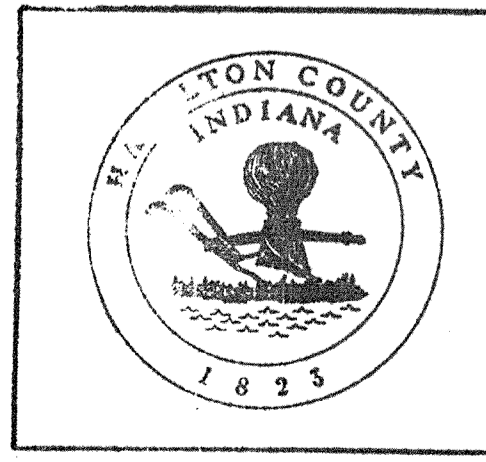
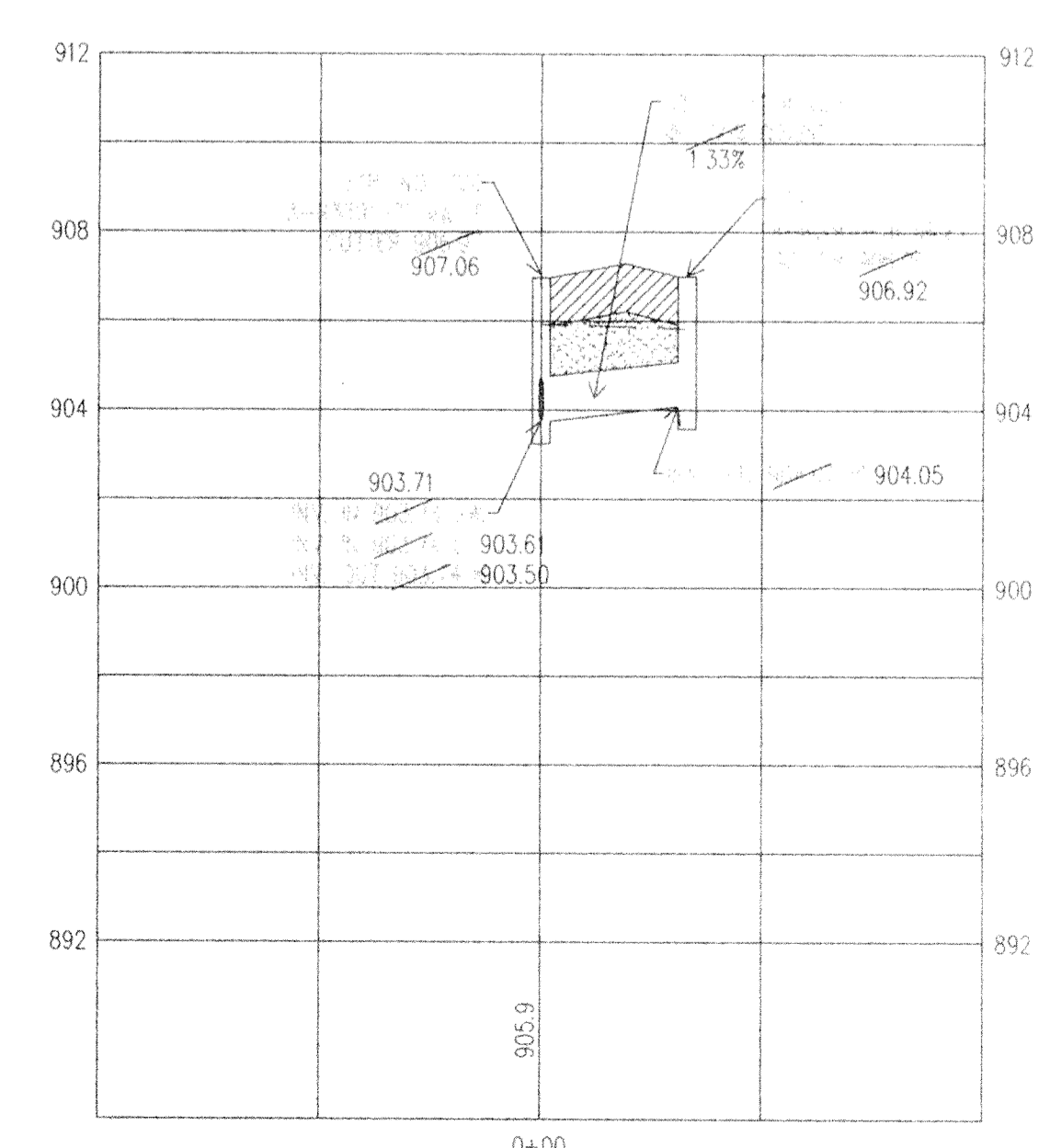
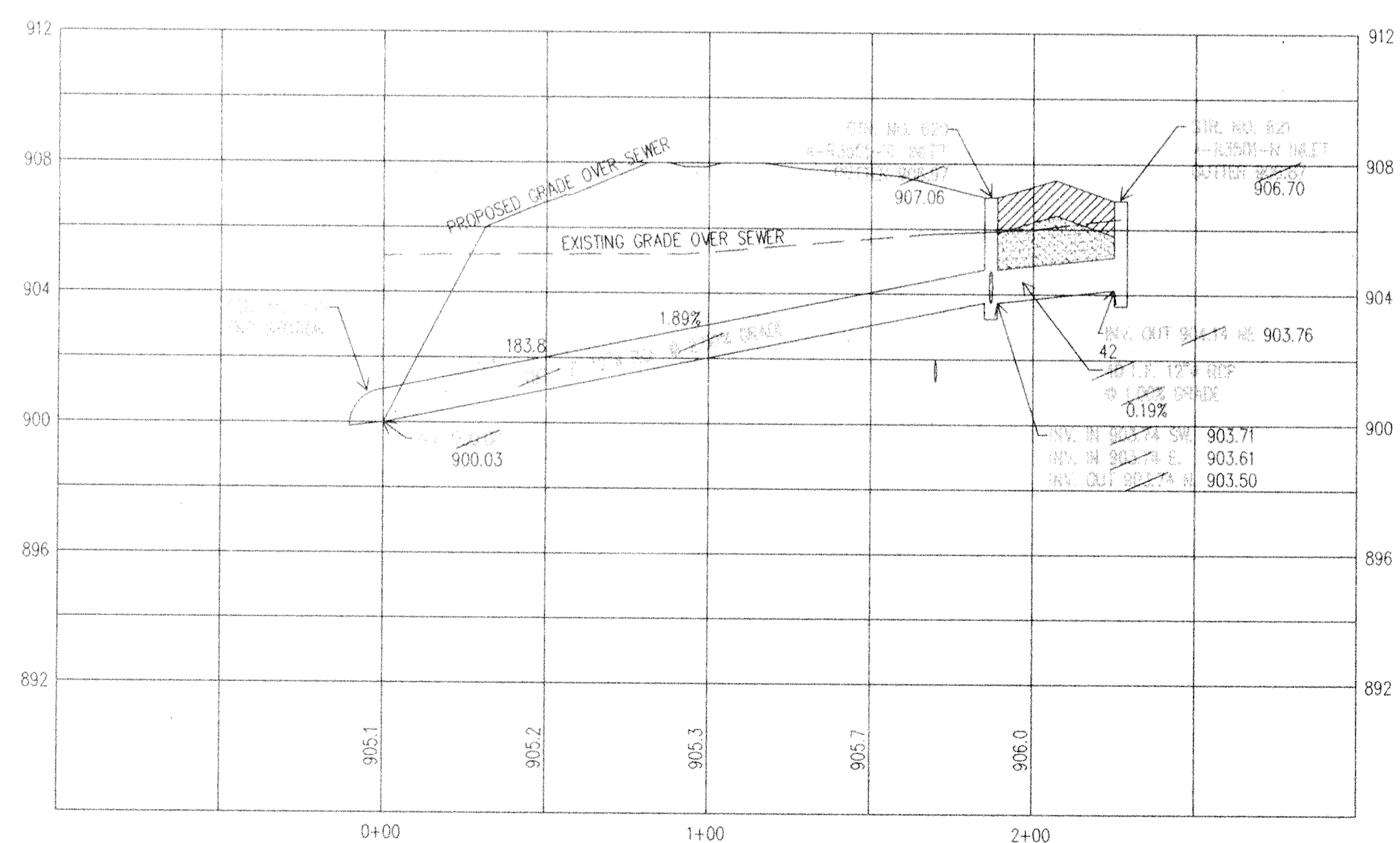
Leland D. Miller, Jr.
Leland D. Miller, Jr. #50083
Miller Surveying, Inc. Date: 7-18-98



SCALE: HORIZONTAL 1" = 40'
VERTICAL 1" = 4'

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Entry Date: 5-13-04
Entered by: JCH

DATE	REVISIONS

MILLER SURVEYING, INC.
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**STORM SEWER
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MULBERRY FARMS
SECTION ONE**

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SHEET
OF