

Drain: SADDLE CREEK DRAIN **Drain #:** 295
Improvement/Arm: SADDLE CREEK - SECTION 9
Operator: JOH **Date:** 6-21-04
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 _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors JOH

Gasb 34 Footages for Historical Cost
Drain Length Log

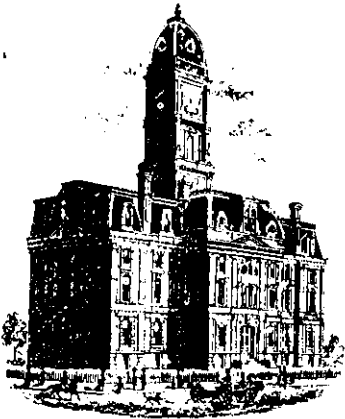
Drain-Improvement: SADDLE CREEK DRAIN - SADDLE CREEK - SECTION 9

Drain Type:	Size:	Length <i>Summit Records</i>	Length (DB Query)	Length Reconcile	N/A Applicable	
					Price:	Cost:
SSD	6"	4204'	4204'	Ø		
RCP	12"	74'	74'	Ø		
	15"	834'	834'	Ø		
	18"	308'	308'	Ø		
	24"	211'	211'	Ø		
	27"	232'	232'	Ø		

Sum: 5863' 5863' Ø

Final Report: _____

Comments: _____



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

July 14, 2000

Re: Saddle Creek Drain Section 9 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Saddle Creek Drain Section 9 Arm. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages, and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6" SSD 4,057 Ft	15" RCP 835 Ft	24" RCP 211 Ft
12" RCP 74 Ft	18" RCP 361 Ft	27" RCP 232 Ft

The total length of the drain will be 5,770 feet.

The O. F. Henley, Autumn Woods Drain across Section 9 is to be vacated. See my report to the Board dated July 14, 2000.

The retention ponds (lakes) located in Common Areas in Section 9 are not to be considered part of the regulated drain. Only the inlets and outlets will be maintained as part of the regulated drain. The maintenance of the ponds (lakes) 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 and those main lines between lots or in rear yards. Only the main SSD lines, which are located within the easement/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 \$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 \$1,084.96.

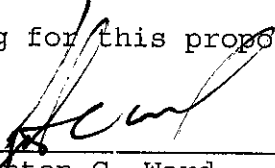
Parcels assessed to this drain will also be assessed for the O. F. Henley Drain.

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 widths as shown on the secondary plat for Saddle Creek Section 9 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for August 28, 2000.

KCW/kkw



Kenton C. Ward
Hamilton County Surveyor

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Saddle Creek Drain, Section 9 Arm

On this *28th day of August 2000*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Saddle Creek Drain, Section 9 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

Alanson R. Clark

Member

James A. [Signature]

Member

Attest: *Kimbalg Walker*

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
Saddle Creek Drain, Section 9 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the Saddle Creek Drain, Section 9 Arm on August 28, at 9:10 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: *Kimberly Waller*

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE
Saddle Creek Drain, Section 9 Arm

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:



ONE TIME ONLY

Saddle Creek -Gasb 34 Calcs.

Sec 7 - 3506ft

Sec 8 - 8500ft

Sec 9 - 5863ft

Total Footage = 17, 869 feet

Bond Amount = \$265,200.00

Sec 7 : .20(\$265,200.00) = \$53,040.00

Sec 8 : .48(\$265,200.00) = \$127,296.00

Sec 9 : .32(\$265,200.00) = \$84,864.00



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

April 30, 2003

Re: Saddle Creek Drain: Sec. 9 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Sec 9. 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 July 14, 2000. The report was approved by the Board at the hearing held August 28, 2000. (See Drainage Board Minutes Book 5, Pages 422-423) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
706	904.3	898.82				
705	903.36	900	15	200		
705	900.36	898.32				
704	903.36	898.25	18	30		
710	902.8	899				
711		900	15	64		
746		901				
747	905.5	901.22	18	89		
705	903.36	900				
768		900.2	12	20		
740	905.8	902.26				
740A		903.2	12	12		
739	905.8	901.71				
744		901.8	12	12		
731		901				
730	905.36	900.79	15	55		
730	905.36	900.79				
729	905.36	900.68	15	30		
729	905.36	900.68				
728		900	15	189		
735	905.5	901.54				

734	905.47	901.4	12	30	
734	905.47	901.3			
733	905.72	901	15	44	
733	905.72	901			
732		900	15	222	
725		900			
726	905.24	900.85	18	189	
726	905.24	900.85			
727	905.24	900.97	15	30	
736		901			
737	905.43	901.21	27	60	
737	905.43	901.21			
738	905.43	901.31	27	30	
738	905.43	901.31			
739	905.8	901.71	27	142	
739	905.8	901.71			
740	905.8	902.26	24	211	

6" SSD Streets:

Autumn Woods Drive	1735
Megan Drive	276
Stub Street	91
x2	

Total: 4204

RCP Pipe Totals:

12	62
15	846
18	308
24	211
27	232

74'
834'

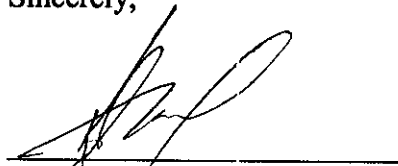
The length of the drain due to the changes described above is now **5863 feet**.

The non-enforcement was approved by the Board at its meeting on August 28, 2000 and recorded under instrument #2000_61204.

The bond or letter of credit from Frontier Insurance Co, number 154812; in the amount of \$265,200.00; was released July 23, 2001.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

MUNICIPALITY:

CITY OF CARMEL

**MAYOR
JAMES BRAINARD**

**ONE CIVIC SQUARE
CARMEL, INDIANA 46032**

Ph. (317) - 571-2401 FAX (317) - 844-3498

OWNER:

**DITCH ROAD
PROPERTIES, LLC**

**9551 DELEGATES ROW
INDIANAPOLIS, IN 46240**

Ph. (317) - 818-2900 FAX (317) - 818-2910

ENGINEER:

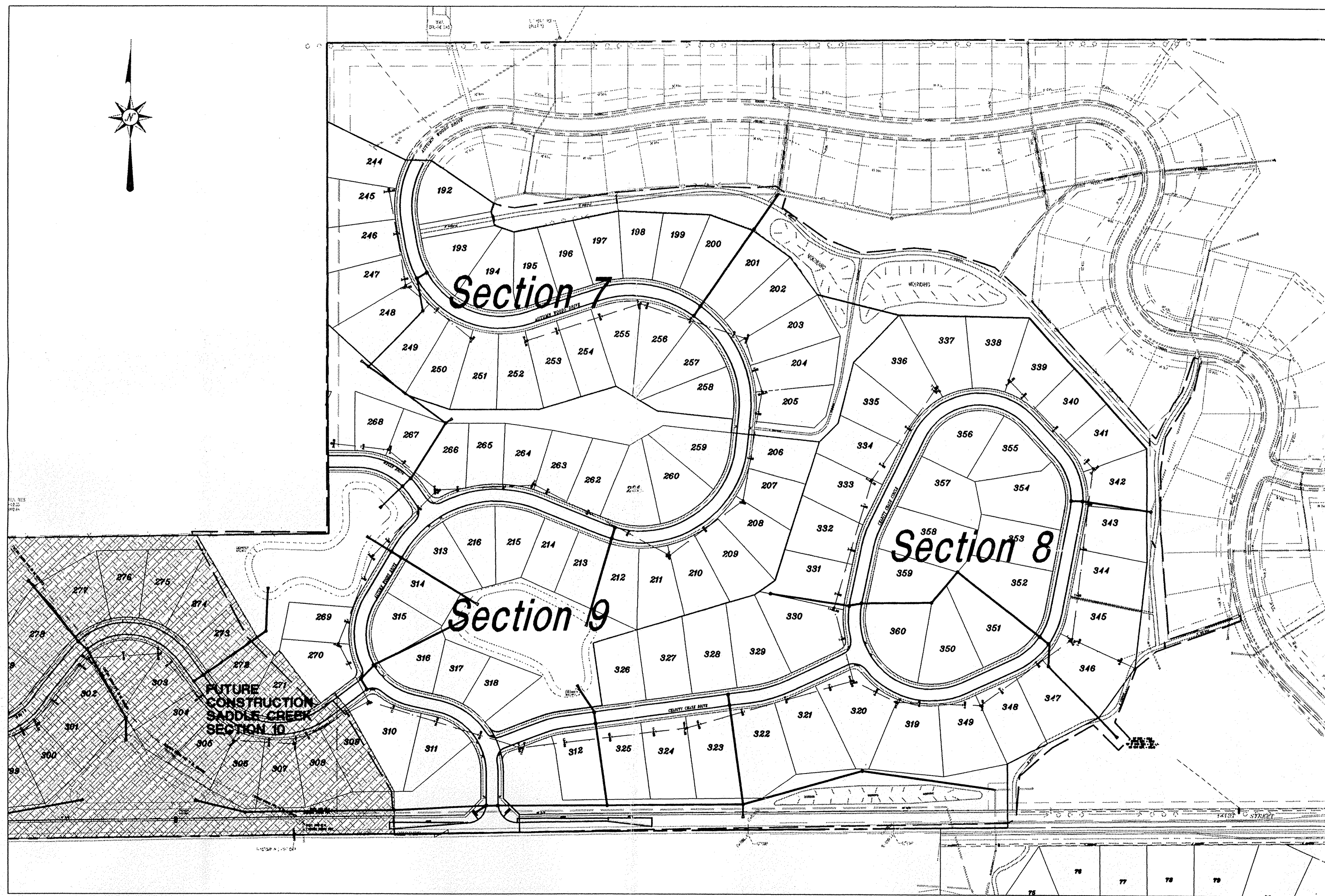


PAUL I. CRIFE, INC.

**BRUCE HAGEN
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250**

Ph. (317) 842-6777 FAX (317) 841-4798

CONSTRUCTION PLANS FOR SADDLECREEK SECTION 7-9



SECTION 7 PERIMETER DESCRIPTION:

A part of the Northeast Quarter of Section 21, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, more particularly described as follows:

Commencing at the Southwest corner of said Northeast Quarter; thence North 00 degrees 18 minutes 25 seconds West (assumed bearing) along the West line of said Northeast Quarter 1122.99 feet to the Point of Beginning; thence continuing along said line North 00 degrees 18 minutes 25 seconds West 443.43 feet to the Southwest corner of Saddle Creek, Section 6, as per plat thereof, recorded as Instrument #9909919786 in Plat Cabinet No. 2, Slide No. 245 in the Office of the Recorder of Hamilton County, Indiana (the next twelve courses are along the South boundary of said Saddle Creek, Section 6); 1) thence South 63 degrees 16 minutes 27 seconds East 192.43 feet; 2) thence South 69 degrees 05 minutes 50 seconds East 57.55 feet; 3) thence South 55 degrees 02 minutes 16 seconds East 166.36 feet; 4) thence South 18 degrees 39 minutes 15 seconds West 18.82 feet; 5) thence South 14 degrees 11 minutes 49 seconds East 30.71 feet; 6) thence South 17 degrees 18 minutes 27 seconds East 45.39 feet; 7) thence North 78 degrees 53 minutes 25 seconds East 232.99 feet; 8) thence South 87 degrees 51 minutes 08 seconds East 202.84 feet; 9) thence South 70 degrees 29 minutes 42 seconds East 100.24 feet; 10) thence South 54 degrees 30 minutes 51 seconds East 100.13 feet; 11) thence South 36 degrees 44 minutes 59 seconds East 100.18 feet; 12) thence South 76 degrees 31 minutes 36 seconds East 184.43 feet; thence South 43 degrees 51 minutes 51 seconds West 143.06 feet; thence South 14 degrees 00 minutes 00 seconds West 120.76 feet; thence South 45 degrees 05 minutes 51 seconds West 58.08 feet; thence North 84 degrees 00 minutes 00 seconds West 194.43 feet; thence North 05 degrees 00 minutes 00 seconds East 30.00 feet; thence North 84 degrees 00 minutes 00 seconds West 165.11 feet; thence North 60 degrees 00 minutes 00 seconds East 108.42 feet; thence South 73 degrees 00 minutes 00 seconds West 174.94 feet; thence North 30 degrees 00 minutes 00 seconds West 197.29 feet; thence North 71 degrees 22 minutes 38 seconds West 103.57 feet; thence North 47 degrees 32 minutes 30 seconds West 229.65 feet to the Point of Beginning, containing 11,370 acres, more or less.

SECTION 8 PERIMETER DESCRIPTION:

A part of the Northeast Quarter of Section 21, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, more particularly described as follows:

Commencing at the Southwest corner of said Northeast Quarter; thence North 89 degrees 17 minutes 43 seconds East (assumed bearing) along the South line of said Northeast Quarter 415.91 feet to the Point of Beginning; thence North 00 degrees 42 minutes 17 seconds West 40.00 feet; thence North 45 degrees 21 minutes 09 seconds West 49.19 feet; thence North 00 degrees 00 minutes 00 seconds West 56.59 feet to the beginning of a curve having a radius of 175.00 feet, the radius point of which bears South 90 degrees 00 minutes 00 seconds West; thence North 00 degrees 00 minutes 00 seconds West 103.88 feet to a point of cusp, which point bears North 55 degrees 59 minutes 25 seconds East from said radius point, and which point is on a curve having a radius of 20.00 feet, the radius point of which bears North 55 degrees 59 minutes 25 seconds East; thence South 20 degrees 40 minutes 02 seconds East from said radius point; thence North 69 degrees 19 minutes 58 seconds East 88.83 feet to the beginning of a curve having a radius of 225.00 feet, the radius point of which bears South 20 degrees 40 minutes 02 seconds East; thence North 00 degrees 00 minutes 00 seconds East 49.74 feet to a point which bears North 08 degrees 00 minutes 00 seconds West from said radius point; thence North 82 degrees 00 minutes 00 seconds East 83.25 feet; thence North 08 degrees 00 minutes 00 seconds West 141.51 feet; thence North 73 degrees 33 minutes 40 seconds East 370.31 feet; thence North 54 degrees 42 minutes 35 seconds East 54.91 feet; thence North 17 degrees 33 minutes 40 seconds East 319.22 feet to the Southeast corner of Proposed Saddle Creek, Section 7, as per plat thereof, recorded as Instrument #9909919786 in Plat Cabinet No. 2, Slide No. 245 in the Office of the Recorder of Hamilton County, Indiana (the next three courses are along said Easterly boundary of Saddle Creek, Section 7); 1) thence North 45 degrees 05 minutes 51 seconds East 58.08 feet; 2) thence North 14 degrees 00 minutes 00 seconds East 139.54 feet; 3) thence North 43 degrees 51 minutes 51 seconds East 143.06 feet to a point along the Southerly line of Saddle Creek, Section 6, as per plat thereof, recorded as Instrument #9909919786 in Plat Cabinet No. 2, slide No. 245 in the Office of the Recorder of Hamilton County, Indiana (the next two courses are along said Southerly boundary of Saddle Creek, Section 6); 1) thence South 89 degrees 00 minutes 00 seconds East 285.10 feet; 2) thence South 42 degrees 00 minutes 00 seconds East 386.36 feet to a point along the Easterly boundary of said Saddle Creek, Section 5 (the next five courses are along said Easterly boundary of Saddle Creek, Section 5); 1) thence South 00 degrees 18 minutes 08 seconds East 250.68 feet; 2) thence South 06 degrees 00 minutes 00 seconds West 229.52 feet; 3) thence South 35 degrees 00 minutes 00 seconds West 137.66 feet; 4) thence South 63 degrees 00 minutes 00 seconds West 224.97 feet; 5) thence South 00 degrees 42 minutes 17 seconds East 139.65 feet; thence North 89 degrees 17 minutes 43 seconds West along the South line of said Northeast Quarter 1075.94 feet to the Point of Beginning, containing 22,520 acres, more or less.

SECTION 9 PERIMETER DESCRIPTION:

A part of the Northeast Quarter and Northwest Quarter of Section 21, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, more particularly described as follows:

Commencing at the Southwest corner of said Northeast Quarter; thence North 89 degrees 17 minutes 43 seconds East (assumed bearing) along the South line of said Northeast Quarter 142.00 feet to the Point of Beginning; thence North 00 degrees 42 minutes 17 seconds West 33.48 feet; thence North 28 degrees 44 minutes 43 seconds West 3.44 feet; thence North 28 degrees 09 minutes 07 seconds West 200.32 feet; thence North 38 degrees 00 minutes 00 seconds West 50.00 feet; thence South 52 degrees 00 minutes 00 seconds West 38.11 feet; thence North 38 degrees 00 minutes 00 seconds West 149.32 feet; thence South 44 degrees 41 minutes 53 seconds West 16.11 feet; thence North 42 degrees 56 minutes 13 seconds West 54.65 feet; thence North 31 degrees 00 minutes 00 seconds West 257.02 feet to a point on the North line of the South Half of the Southeast Quarter of said Northeast Quarter; thence along said North line North 89 degrees 15 minutes 29 seconds East 288.61 feet to the Northeast corner of the South Half of the Southeast Quarter of said Northeast Quarter, being on the West line of said Northeast Quarter; thence North 00 degrees 18 minutes 25 seconds West 463.41 feet to the Southwest corner of Proposed Saddle Creek, Section 7, as per plat thereof, recorded as Instrument #9909919786 in Plat Cabinet No. 2, Slide No. 245 in the Office of the Recorder of Hamilton County, Indiana (the next eight courses are along the South boundary of said Saddle Creek, Section 7); 1) thence South 47 degrees 32 minutes 30 seconds East 229.65 feet; 2) thence South 71 degrees 22 minutes 38 seconds East 103.57 feet; 3) thence North 90 degrees 00 minutes 00 seconds East 197.29 feet; 4) thence North 73 degrees 00 minutes 00 seconds East 174.94 feet; 5) thence South 60 degrees 00 minutes 00 seconds East 108.42 feet; 6) thence South 84 degrees 00 minutes 00 seconds East 141.51 feet; 7) thence South 06 degrees 00 minutes 00 seconds West 30.00 feet; 8) thence South 84 degrees 00 minutes 00 seconds East 194.43 feet to a point along the West boundary of Saddle Creek, Section 8, as per plat thereof, recorded as Instrument #9909919786 in Plat Cabinet No. 2, Slide No. 245 in the Office of the Recorder of Hamilton County, Indiana (the next twelve courses are along the West boundary of said Saddle Creek, Section 8); 1) thence South 17 degrees 33 minutes 40 seconds West 319.22 feet; 2) thence South 54 degrees 42 minutes 35 seconds West 54.91 feet; 3) thence South 73 degrees 33 minutes 40 seconds West 370.31 feet; 4) thence South 08 degrees 00 minutes 00 seconds East 141.51 feet; 5) thence South 82 degrees 00 minutes 00 seconds West 53.25 feet to the beginning of a curve having a radius of 225 feet, the radius point which bears South 08 degrees 00 minutes 00 seconds East; 6) thence South 20 degrees 40 minutes 02 seconds West from said radius point; 7) thence South 69 degrees 19 minutes 58 seconds West 88.83 feet to the beginning of a curve having a radius of 20.00 feet, the radius point which bears North 20 degrees 40 minutes 02 seconds West; 8) thence West 20 degrees 40 minutes 02 seconds West 26.76 feet to a point of cusp, which point bears South 55 degrees 59 minutes 25 seconds West from said radius point, and which point is on a curve having a radius of 175.00 feet, the radius point which bears South 55 degrees 59 minutes 25 seconds West; 9) thence South 20 degrees 40 minutes 02 seconds West 103.88 feet to a point which bears North 90 degrees 00 minutes 00 seconds East from said radius point; 10) thence South 00 degrees 00 minutes 00 seconds East 56.69 feet; 11) thence South 45 degrees 21 minutes 08 seconds East 49.19 feet; 12) thence North 43 seconds West along the South line of said Northeast Quarter 1075.94 feet to the Point of Beginning, containing 16,950 acres, more or less.

SANITARY AS-BUILTS

STORM AS-BUILTS

0:00

PROJECT DATA

Project Address: W 141st Street
Total Project Area: 50.85 Acres
Section 7 Area: 11.37 Acres
Section 8 Area: 22.52 Acres
Section 9 Area: 16.96 Acres
Design Speed: 35 MPH

NOTES:
1. NO WATER VALVES WILL BE PERMITTED BETWEEN THE CURBS
2. DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREE, STREET LIGHTING, LANDSCAPING MOUNDS OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

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C104	EXISTING CONDITIONS/DEMOLITION PLAN
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C902	DETAILS
C903	DETAILS

BENCHMARKS

PROJECT: T8103 - R.R. SPIKE IN THE NORTH SIDE OF POWER POLE # 838-1581 APPROXIMATELY 450' EAST OF THE CENTERLINE OF DITCH ROAD Elev. = 894.49

FILED
JUL 03 2001
OFFICE OF HAMILTON COUNTY SURVEYOR

CONTACT CO. / PERSON FOR

NAME	PHONE NO.	FAX NO.
OWNER/DEVELOPER DITCH ROAD PROPERTIES, LLC	317-818-2900	317-818-2910
POWER PSI/ENERGY	1-800-521-2232	XXX-XXX-XXXX
GAS INDIANA GAS	317-776-5334	317-776-5553
TELEPHONE AMERICENT	317-252-4258	317-252-5000
CABLE INSIGHT CABLE	317-776-0660	317-735-5439
WATER HAMILTON WESTERN	317-848-6882	317-575-9074
DRAINAGE COUNTY SURVEYOR	317-776-8495	317-776-9628
PLANNING CARMEL AREA PLAN	317-571-2417	317-571-2426
TRANSPORT COUNTY HIGHWAY DEPT.	317-773-7770	317-776-9814
SANITARY CLAY TOWNSHIP REGIONAL WASTE DISTRICT	317-844-9200	317-844-9203
EROSION CONTROL HAMILTON CO. SOIL CONSERVATION	317-773-7770	317-776-9814

DON'T DIG BLIND
1-800-382-6544
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA
PAUL I. CRIFE TEAM 317-842-6777 FAX-841-4798

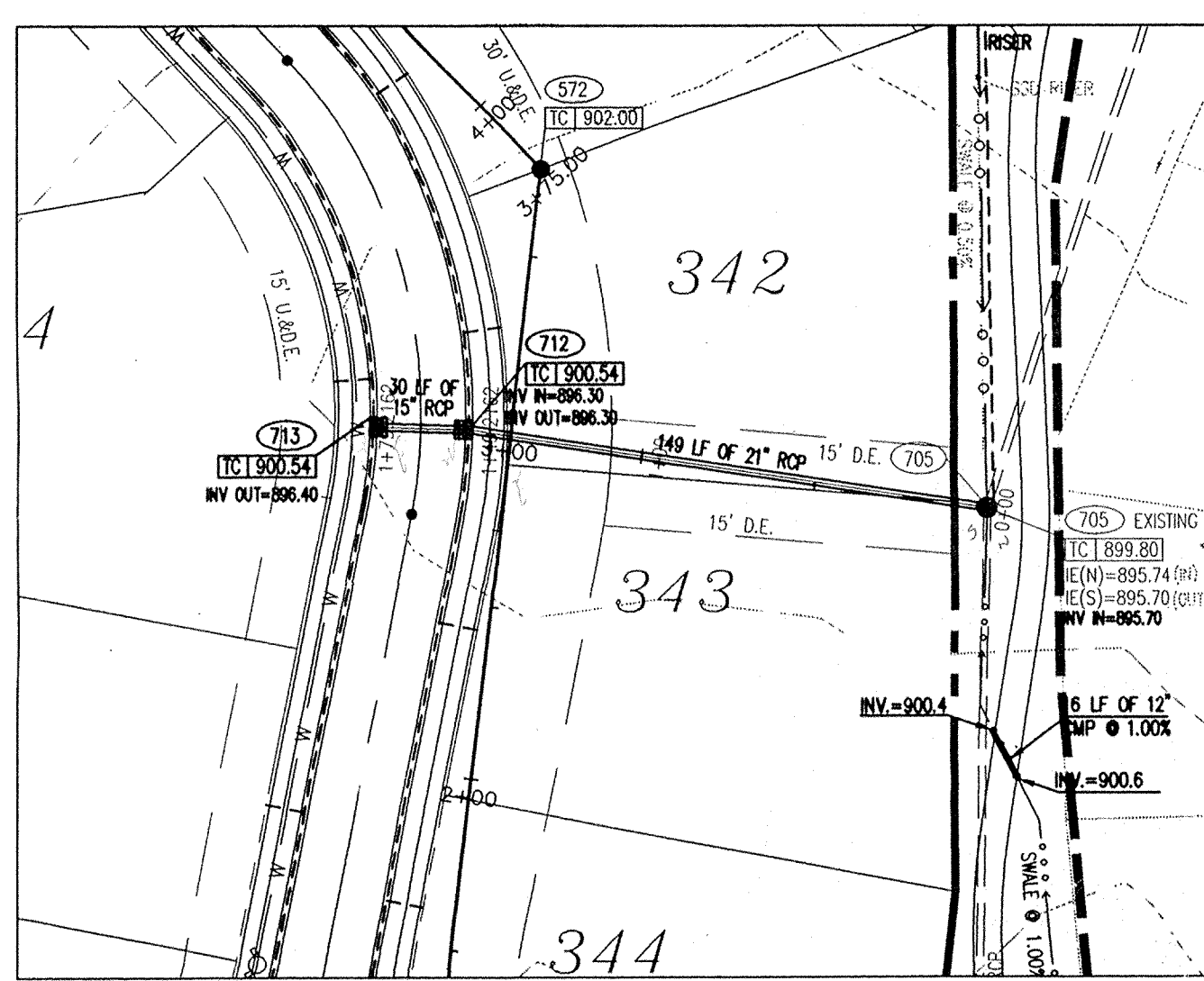
PROJECT MGR	BRUCE HAGEN
PROJECT ENGR	MAV / LAE
PROJECT LAND PLANNER	TERRY MILLER
QUALITY ASSURANCE	JOE SHARP

DWG. TYPE	FILE NUMBER

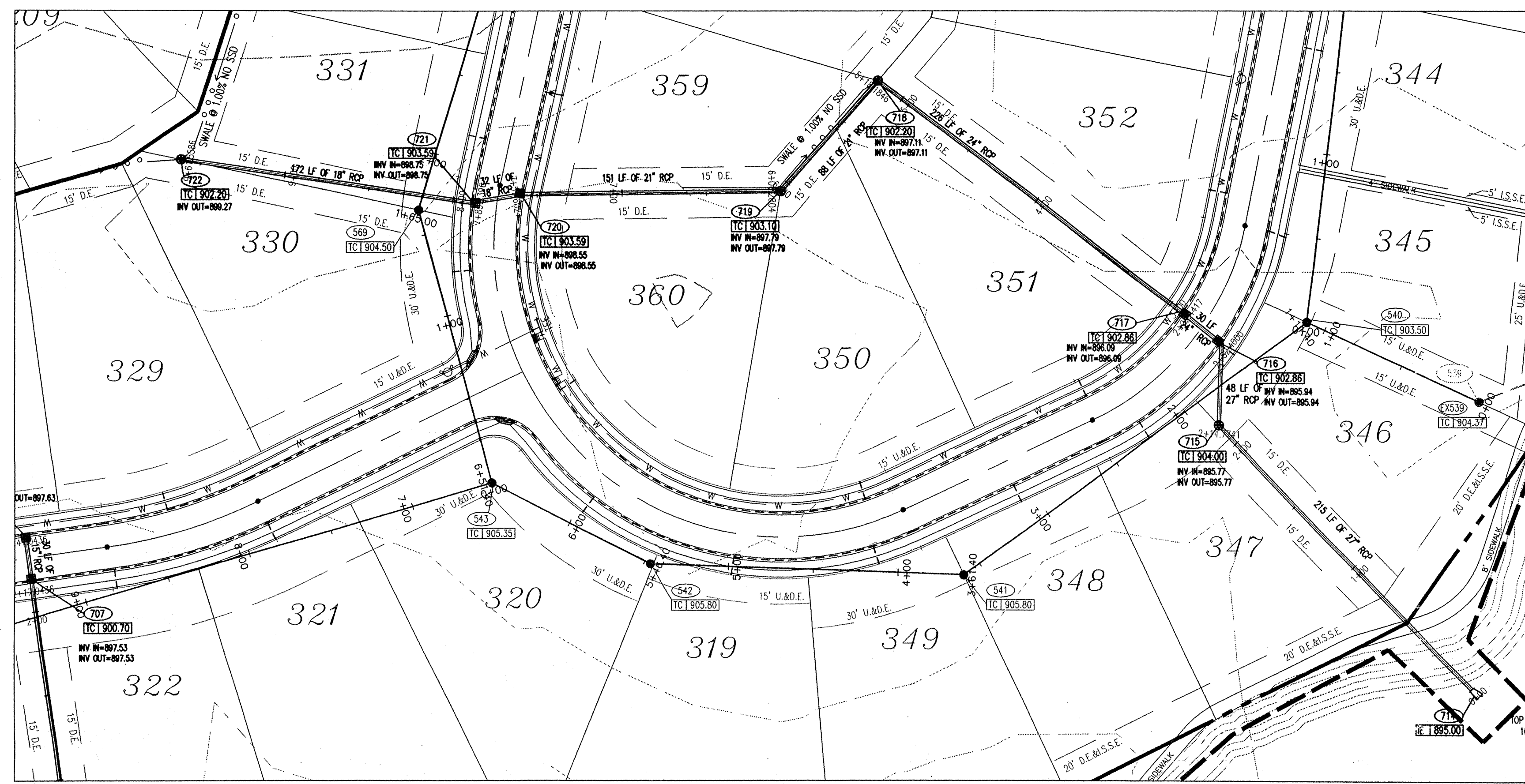
PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
Ph. (317) 842-6777 FAX (317) 841-4798
E-Mail: picrife@picrife.com

SADDLECREEK SUBDIVISION SECTIONS 7-9
DITCH ROAD PROPERTIES, LLC
9551 DELEGATES ROW
INDIANAPOLIS, IN 46240
PHONE: 317-818-2900 FAX: 317-818-2910

CERTIFIED BY: *Bruce Hagen*
BRUCE HAGEN
REGISTERED PROFESSIONAL ENGINEER
No. 920299
STATE OF INDIANA
Drawn By: MAV / LAE
Checked By: BRUCE HAGEN
Quality Assurance: JOE SHARP
Scale: 1" = 40.00'
Sheet: CS
Date: 11-11-99
Project Number: 960324-20500

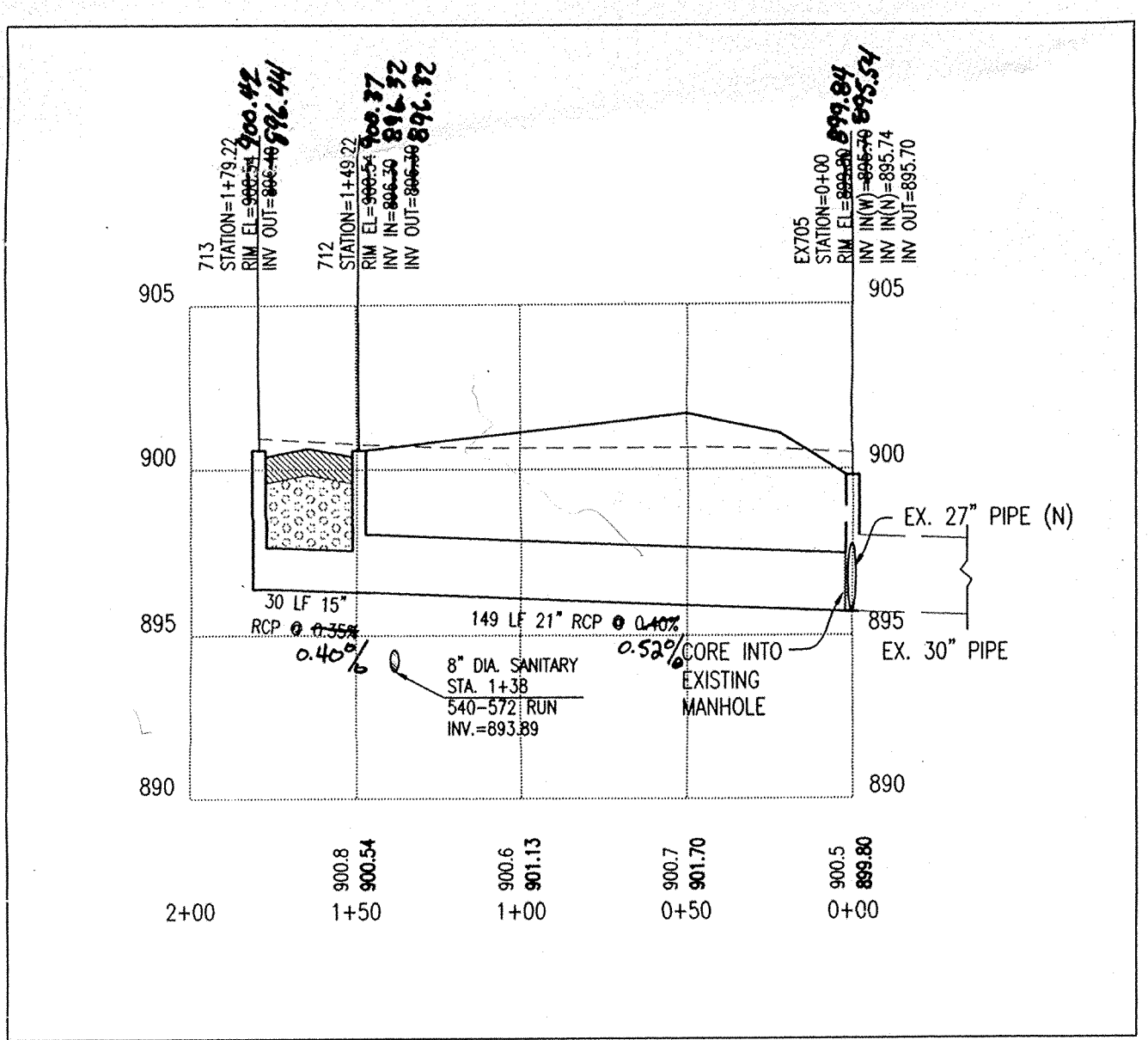
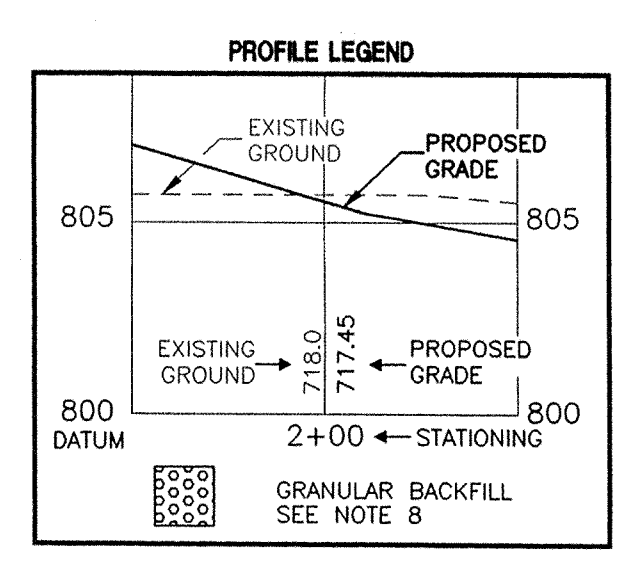


PLAN ONE
SCALE: 1" = 50'

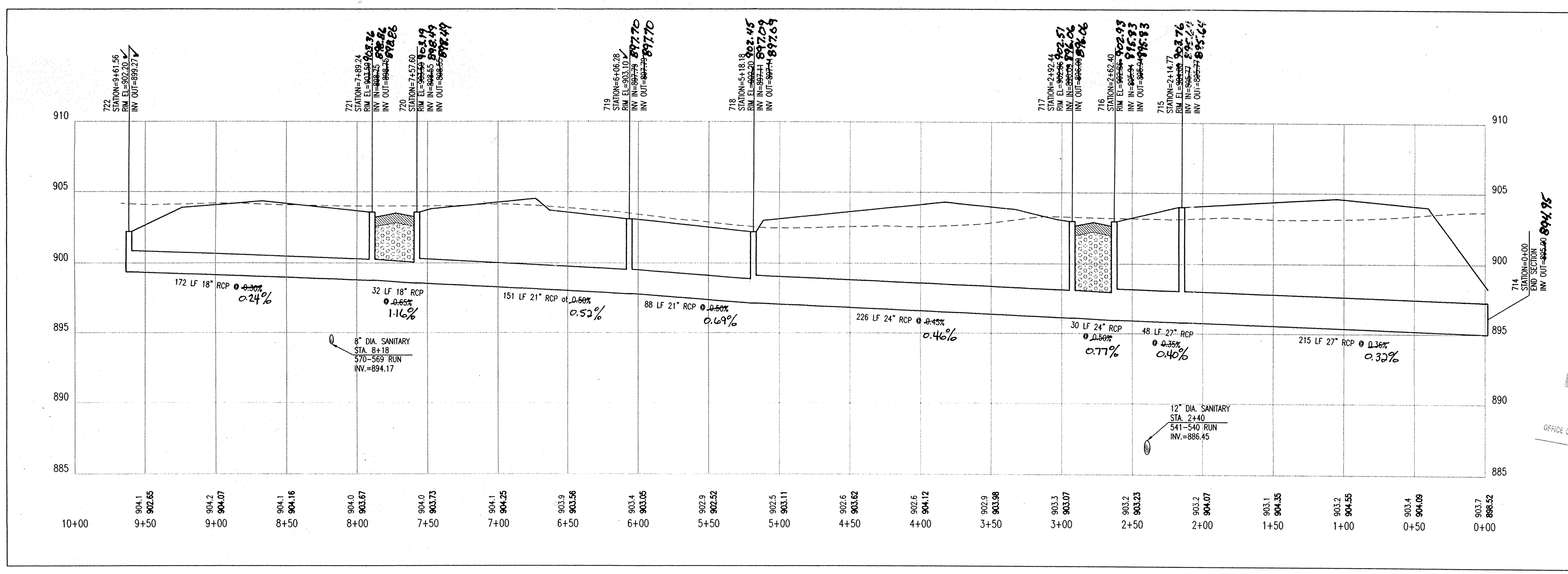


PLAN TWO
SCALE: 1" = 50'

- STORM SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUDED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (IE. MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE. END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
 - THE CONNECTION OF THE PROPOSED STORM SEWER TO AN EXISTING BRICK STRUCTURE MUST BE DONE ACCORDING TO THE FOLLOWING CONDITIONS:
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B) AT THE POINT OF CONNECTION OF THE PROPOSED PIPE PLACE A THREE FOOT (3') DIAMETER BY A MINIMUM SIX INCH (6") THICK, 4000 PSI CONCRETE COLLAR WITH 4#X10 GAUGE WIRE MESH OVER THE EXTERIOR OF THE MANHOLE.
C) ONCE THE CORE HAS BEEN MADE, INSTALL A RUBBER BOOT.
SHOULD THE INTEGRITY OF THE MANHOLE BE COMPROMISED, THE ENTIRE STRUCTURE MUST BE REPLACED WITH A STANDARD MANHOLE STRUCTURE IN ACCORDANCE WITH THE INDIANAPOLIS SANITARY SEWER DISTRICT STANDARDS, MAY 1989, AND ITS ADDENDUMS.
 - DEBRIS GUARD TO BE INSTALLED AT OPEN ENDED PIPES AND POND OUTFALL PIPES.



PROFILE ONE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE TWO
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

Hamilton County Indiana
1823

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Entry Date: 6-21-04
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CAUTION:
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Architects	PAUL I. CRIFE, INC.
Engineers	7172 GRAHAM ROAD
Environmental Consultants	INDIANAPOLIS, INDIANA 46250
Transportation Engineers	PA 841-4798
Land Planners	(317) 842-6777
Land Surveyors	E-Mail at pcrife@pcrife.com

PAUL I. CRIFE, INC.

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
PA 841-4798
(317) 842-6777
E-Mail at pcrife@pcrife.com

STORM SEWER PLAN AND PROFILE
SADDLE CREEK SUBDIVISION SECTIONS 7-9
DITCH ROAD PROPERTIES, LLC
9551 DELEGATES ROW
INDIANAPOLIS, IN 46240
PHONE: 317-918-2900 FAX: 317-918-2910

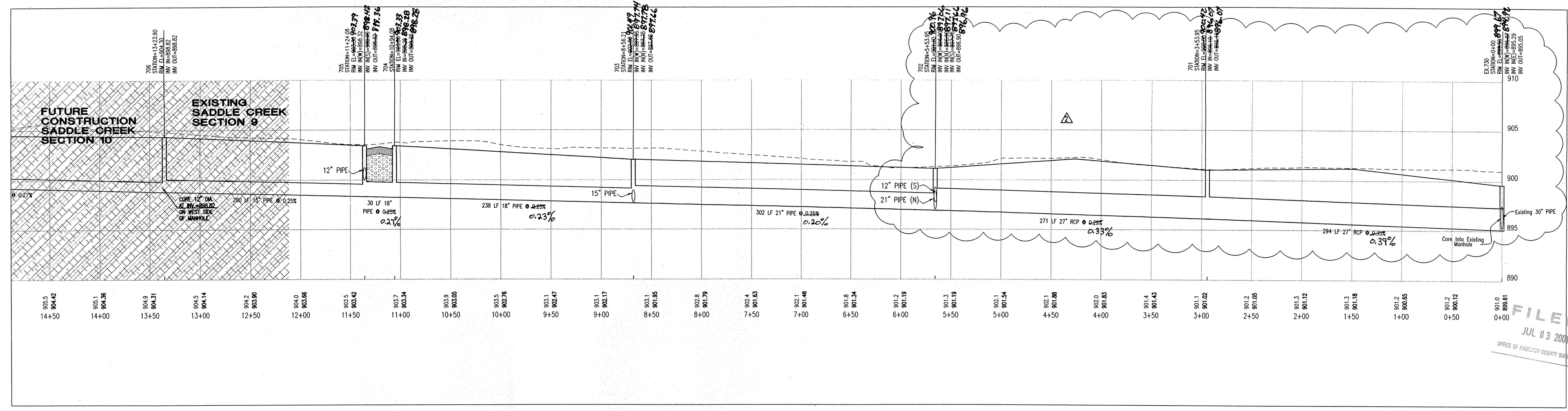
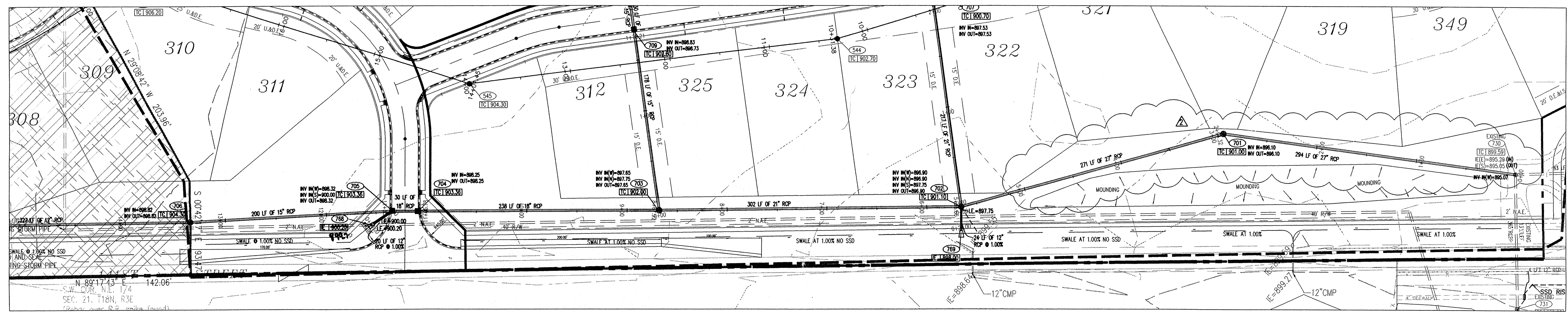
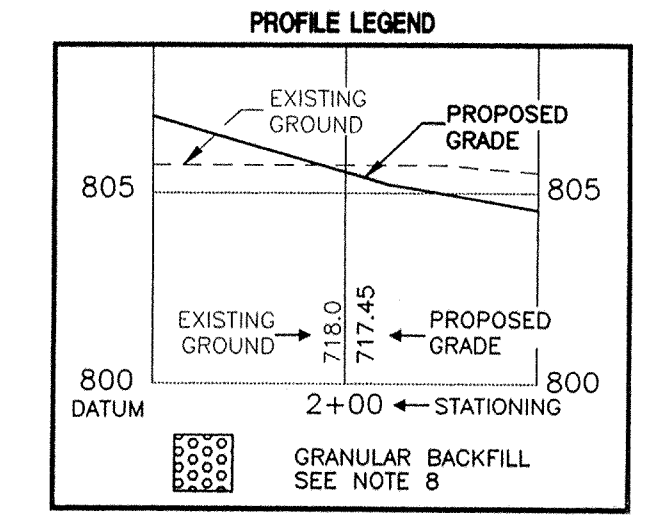
BRUCE HAGEN
REGISTERED PROFESSIONAL ENGINEER
No. 920299
STATE OF INDIANA

Drawn By: MAV / LAE
Checked By: BRUCE HAGEN
Quality Assurance: JOE SHARP
Scale: 1" = 50'
Sheet: C701
Date: 11-11-99
Project Number: 960324-20500



STORM SEWER PLAN AND PROFILE NOTES:

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HAMILTON COUNTY INDIANA

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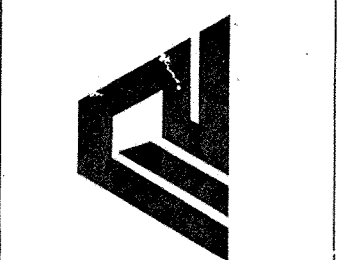
CAUTION: LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR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

1-800-382-5544
 1-800-428-5200

Revision	Mark	Date	Description
1	A	03-07-00	Addition of Note #12
2	B	03-13-00	Revised Storm Sewer Location and Profile

- ARCHITECTS
- ENGINEERS
- LANDSCAPE ARCHITECTS
- LAND SURVEYORS
- TRANSPORTATION ENGINEERS
- LAND PLANNERS
- LAND SURVEYORS

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 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 842-6777 FAX (317) 841-4798
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STORM SEWER PLAN AND PROFILE
SADDLE CREEK SUBDIVISION SECTIONS 7-9
DITCH ROAD PROPERTIES, LLC
 9551 DELEGATES ROW
 INDIANAPOLIS, IN 46240
 PHONE: 317-818-9900

CERTIFIED BY:

BRUCE HAGEN
 REGISTERED
 No. 920299
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Drawn By: **MAV / LAE**

Checked By: **BRUCE HAGEN**

Quality Assurance: **JOE SHARP**

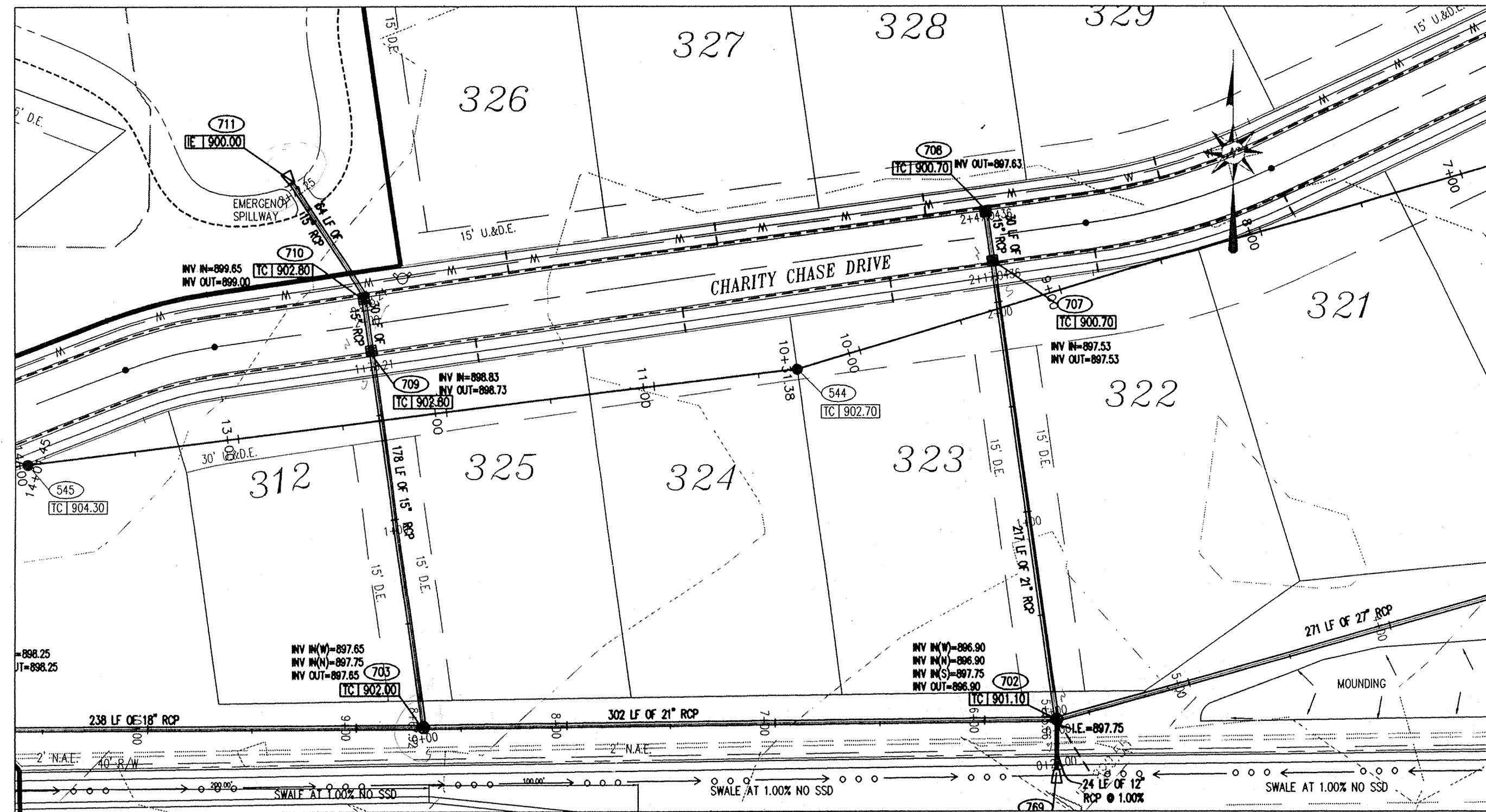
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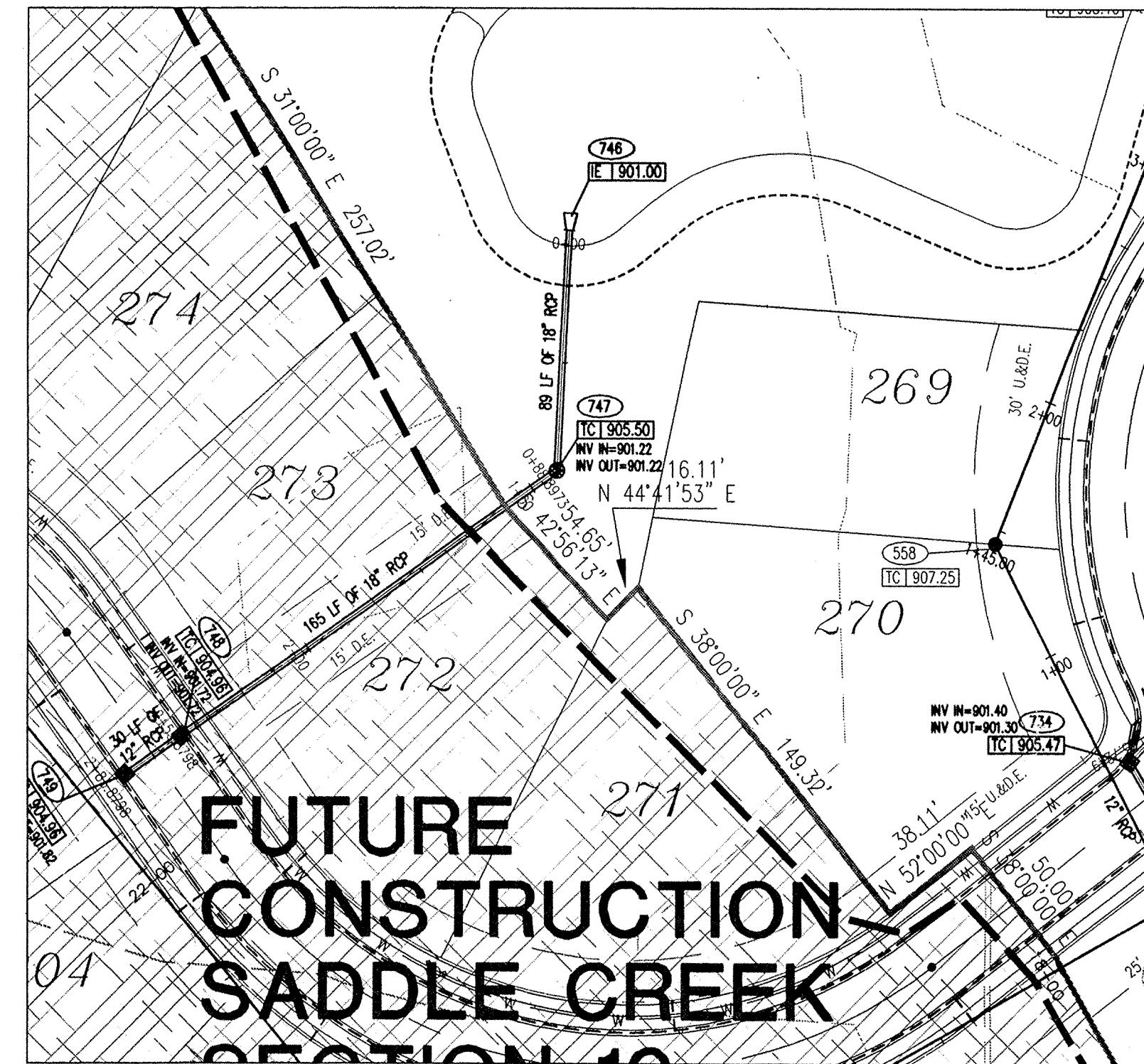
Date: **11-11-99**

Project Number: 960324-20500

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PLAN ONE
SCALE: 1" = 50'

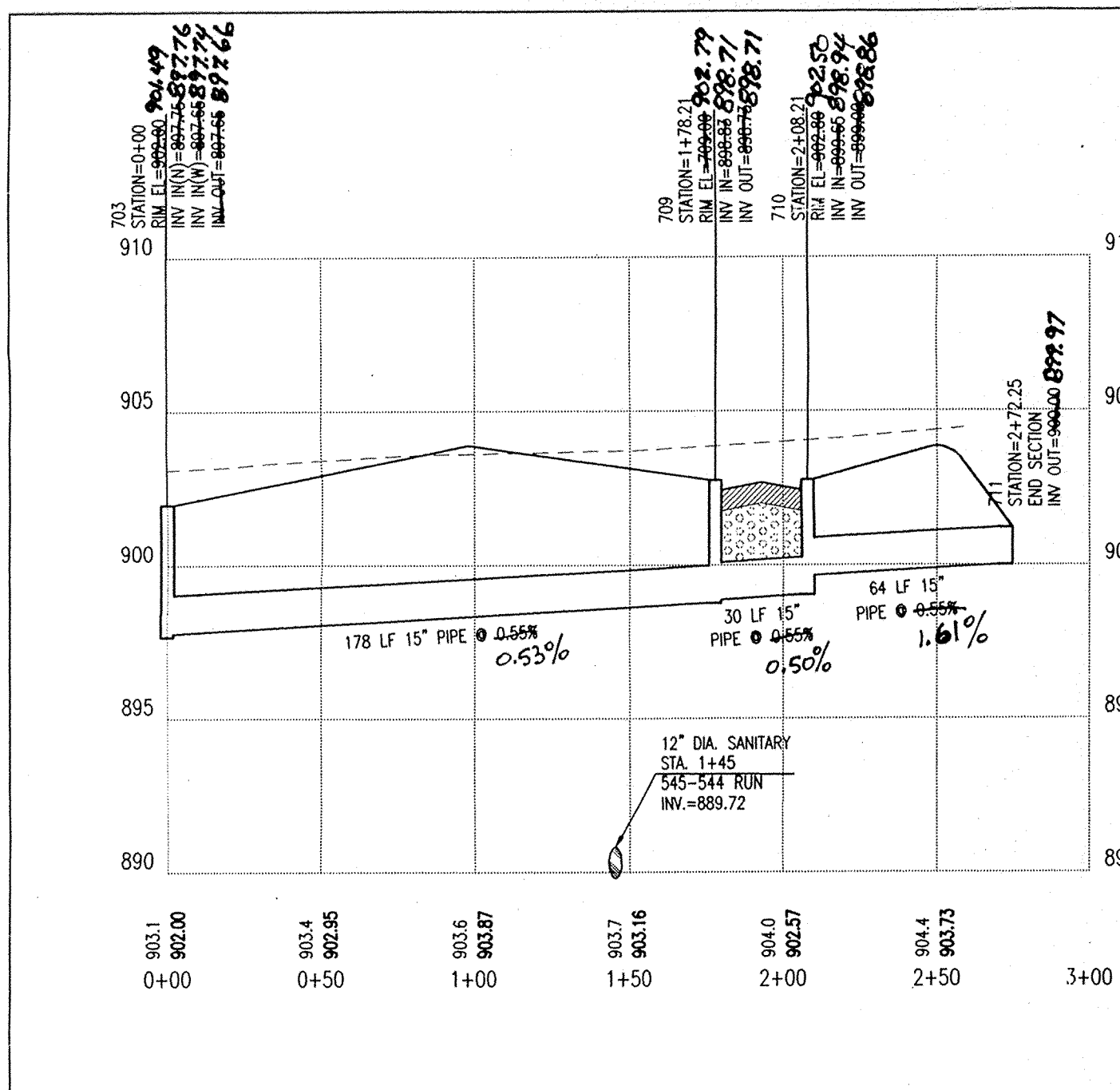
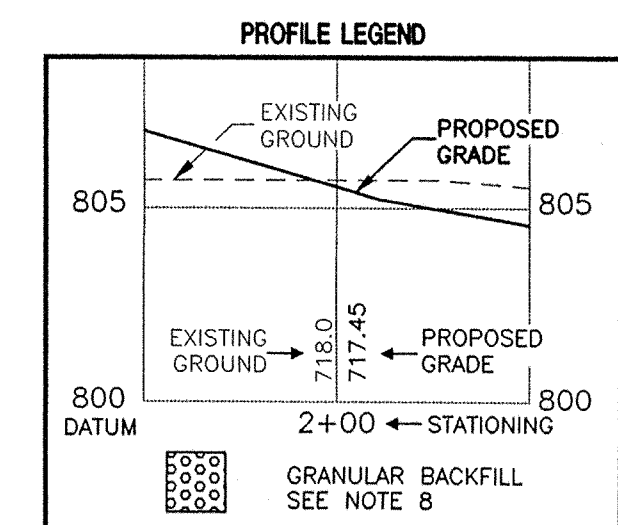


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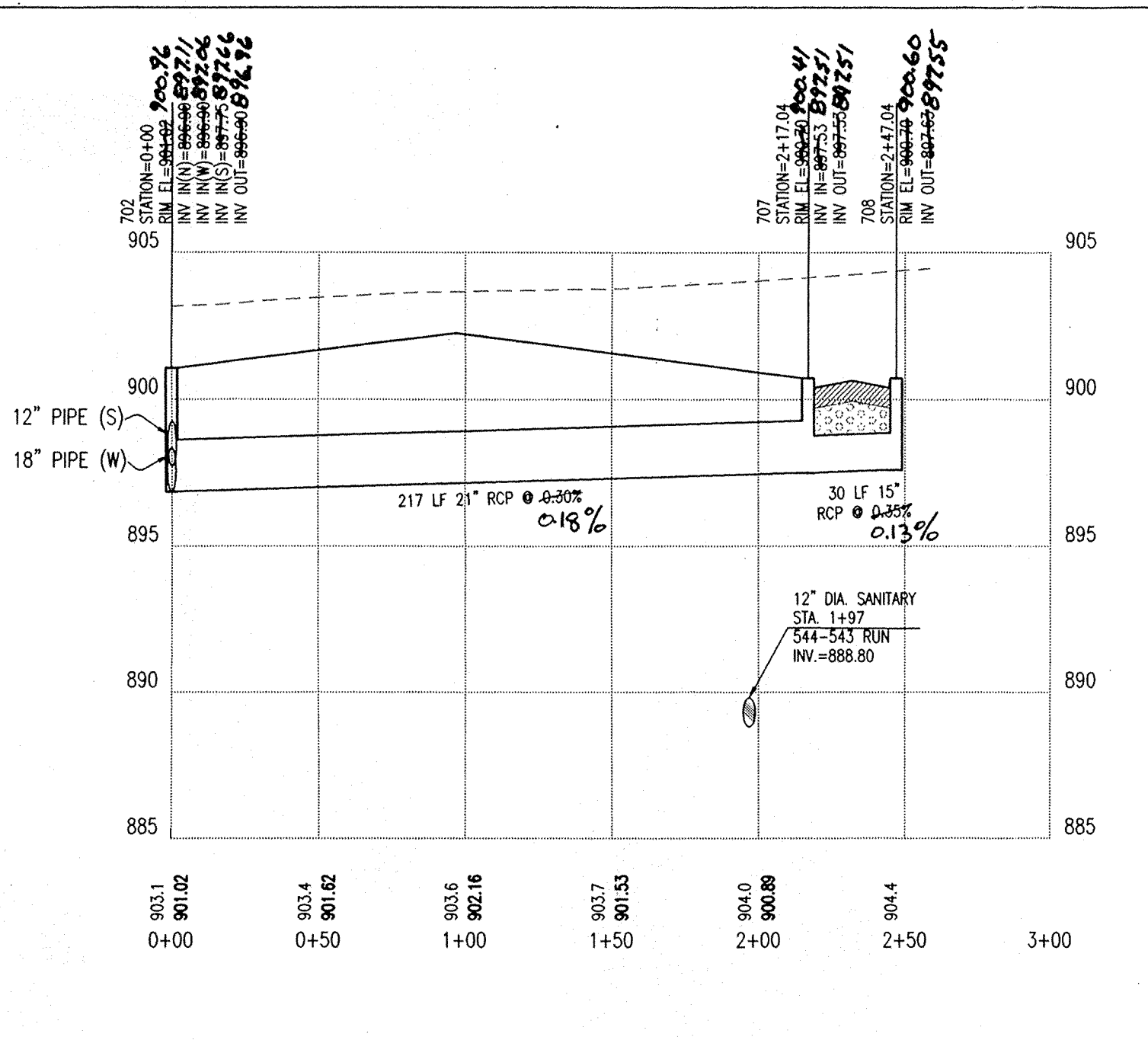


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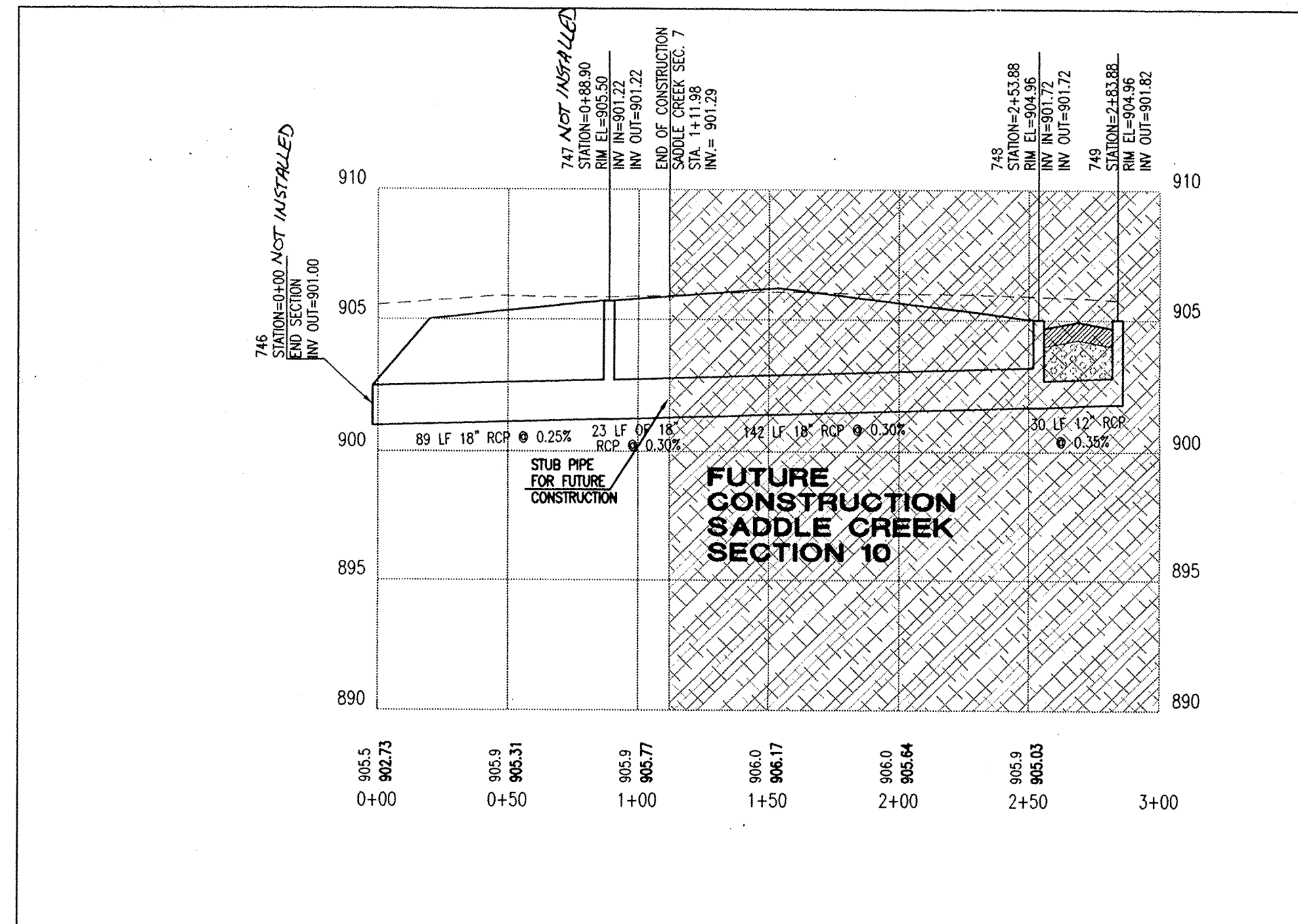
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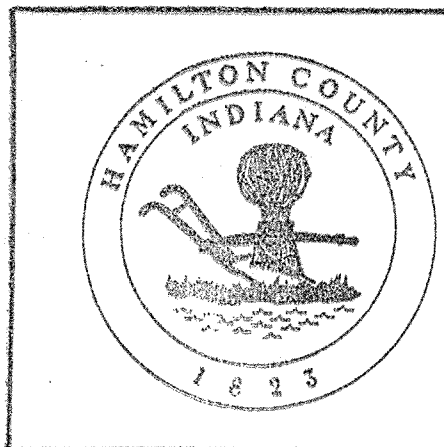
PROFILE ONE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE TWO
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE THREE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



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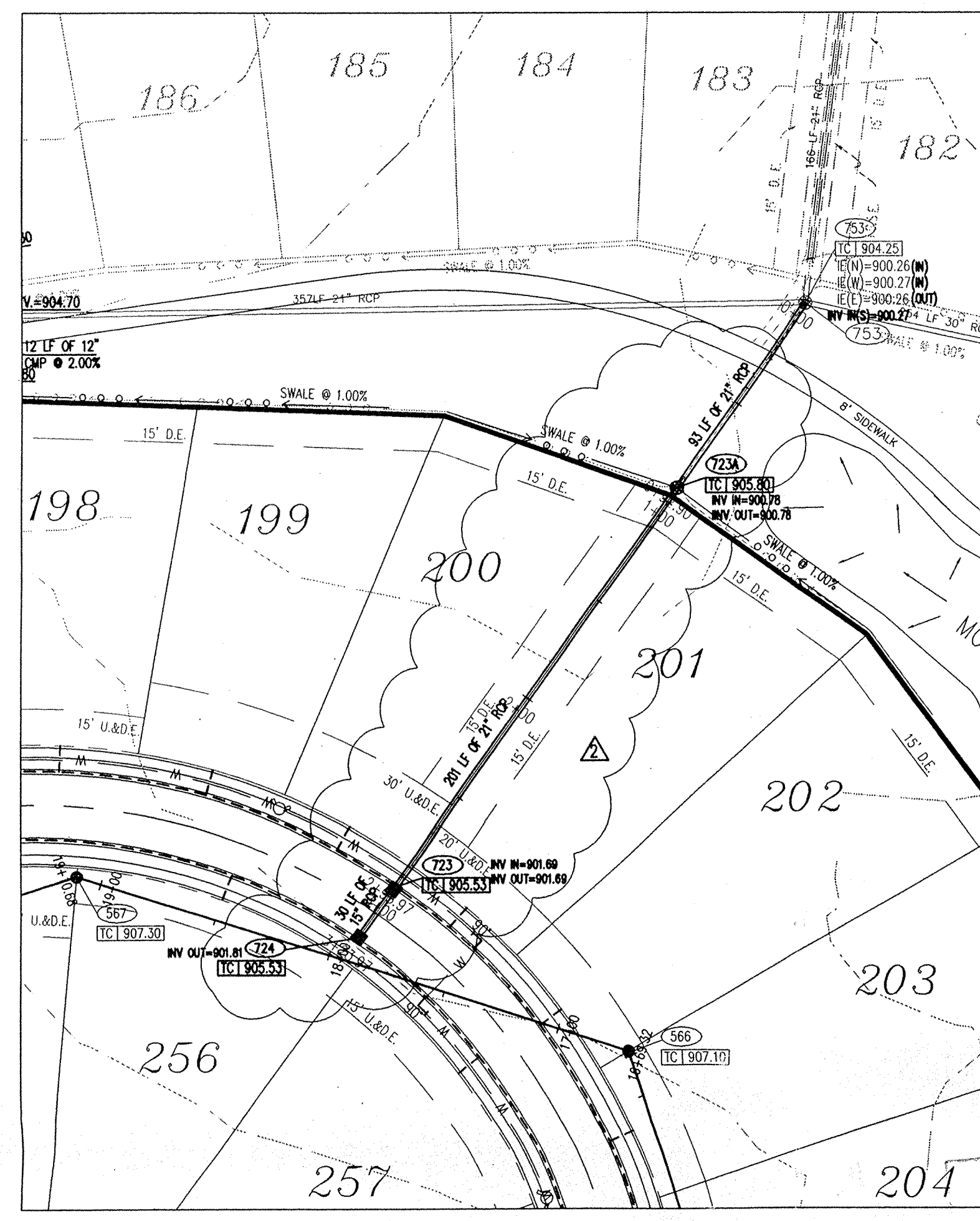
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LANDSCAPE ARCHITECTS
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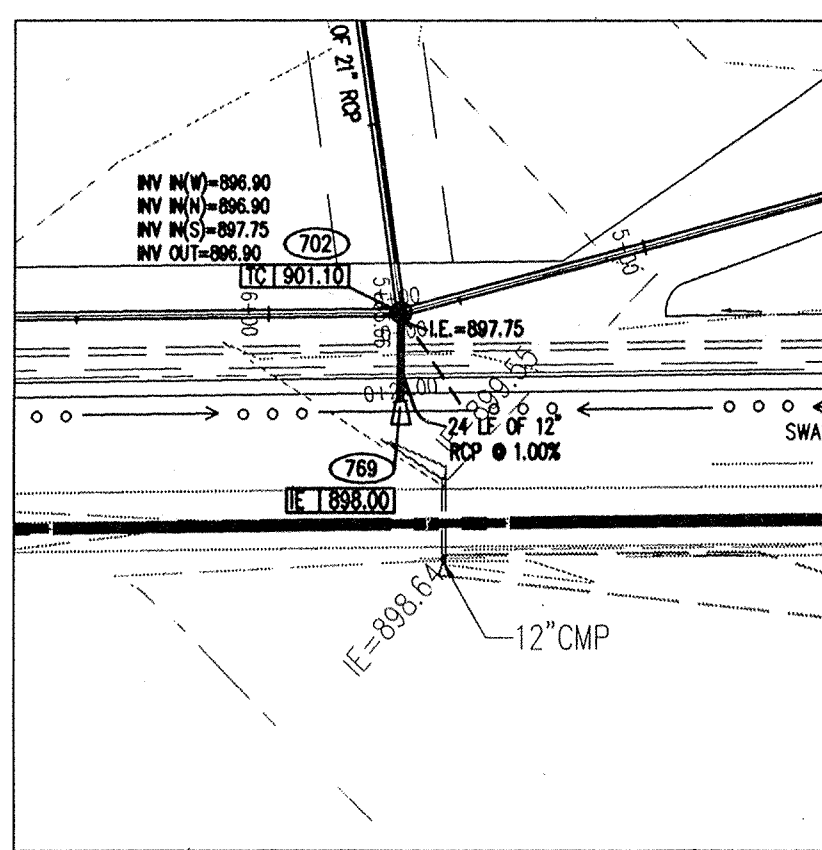
STORM SEWER PLAN AND PROFILE
SADDLE CREEK SUBDIVISION SECTIONS 7-9
DITCH ROAD PROPERTIES, LLC
9551 DELEGATES ROW
INDIANAPOLIS, IN 46240
PHONE: 317-818-2900

DESIGNED BY: *Quinn Jay*
BRUCE HAGEN
REGISTERED
No. 920299
STATE OF INDIANA
PROFESSIONAL ENGINEER

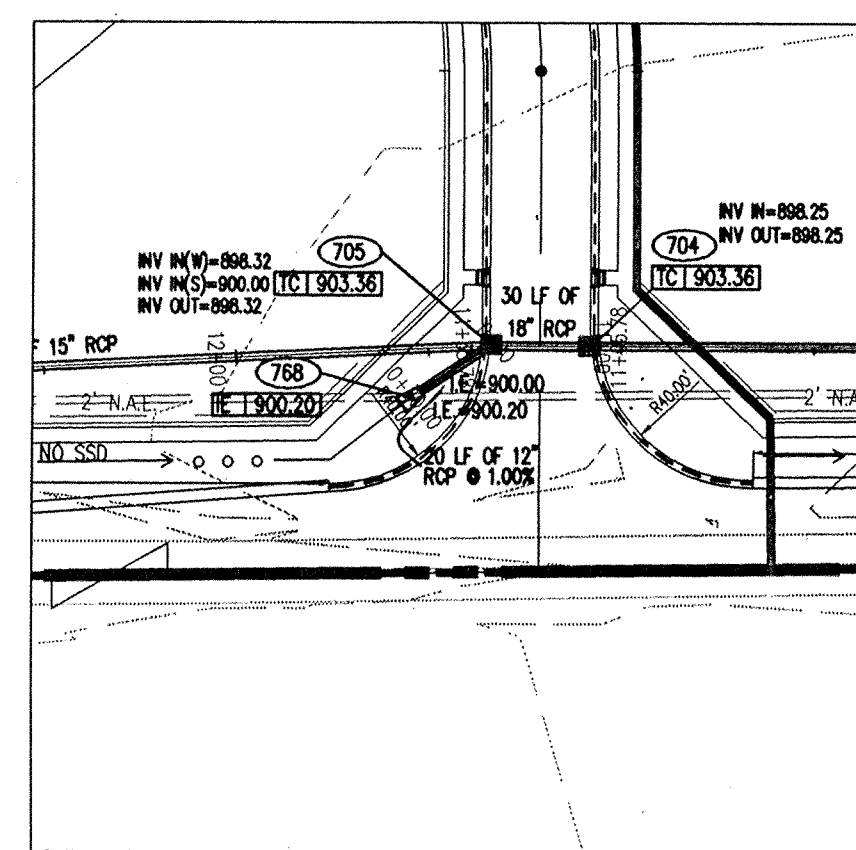
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Checked By: BRUCE HAGEN
Quality Assurance: JOE SHARP
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Date: 11-11-99
Project Number: 960324-20500



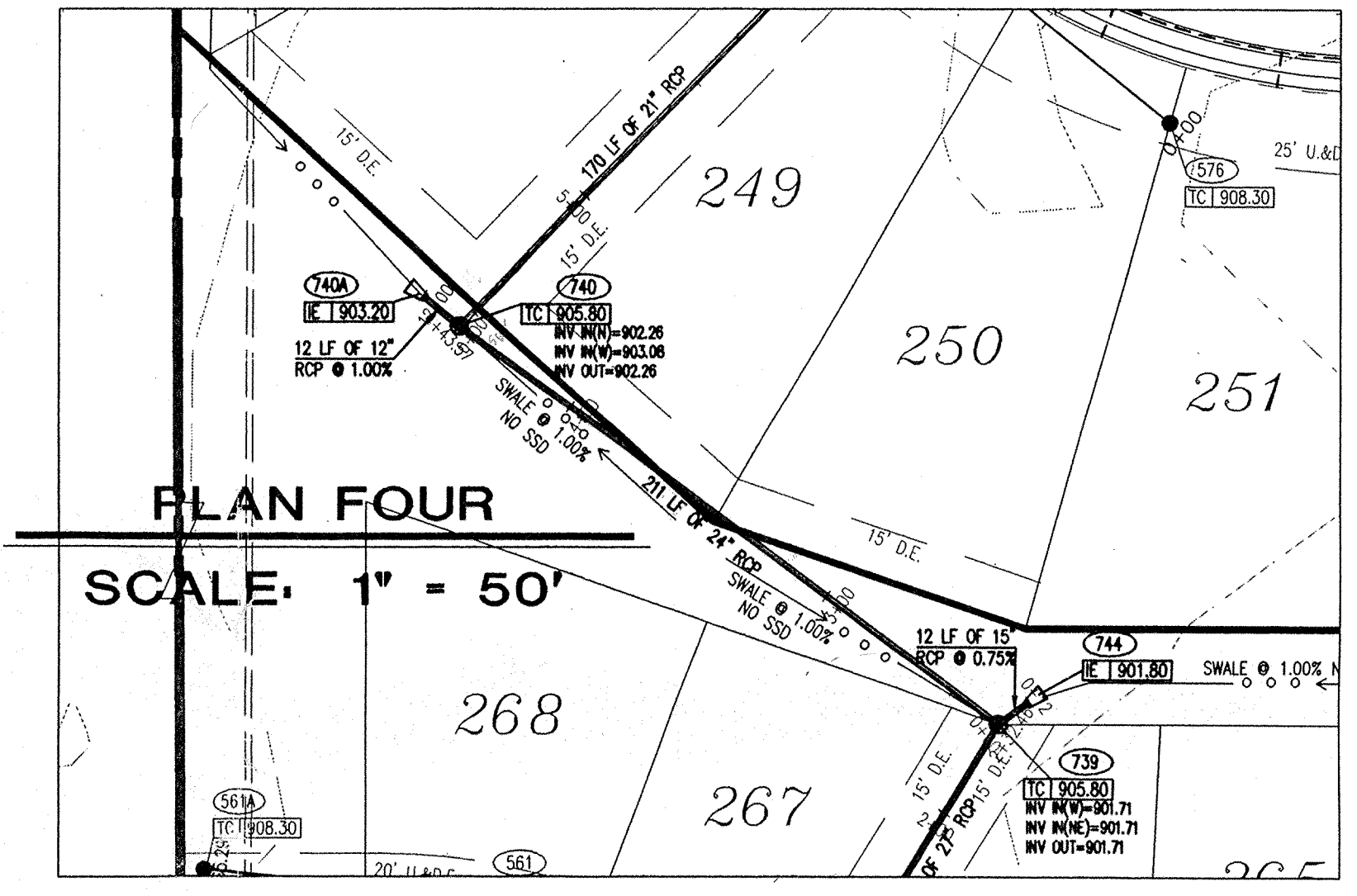
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SCALE: 1" = 50'



PLAN TWO
SCALE: 1" = 50'



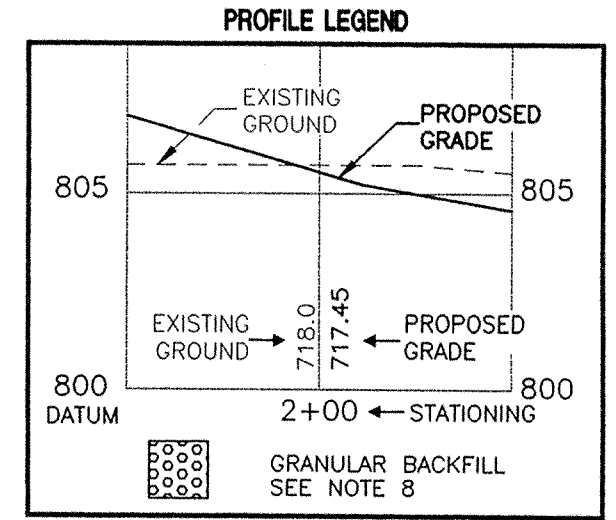
PLAN THREE
SCALE: 1" = 50'



PLAN FOUR
SCALE: 1" = 50'

PLAN FIVE
SCALE: 1" = 50'

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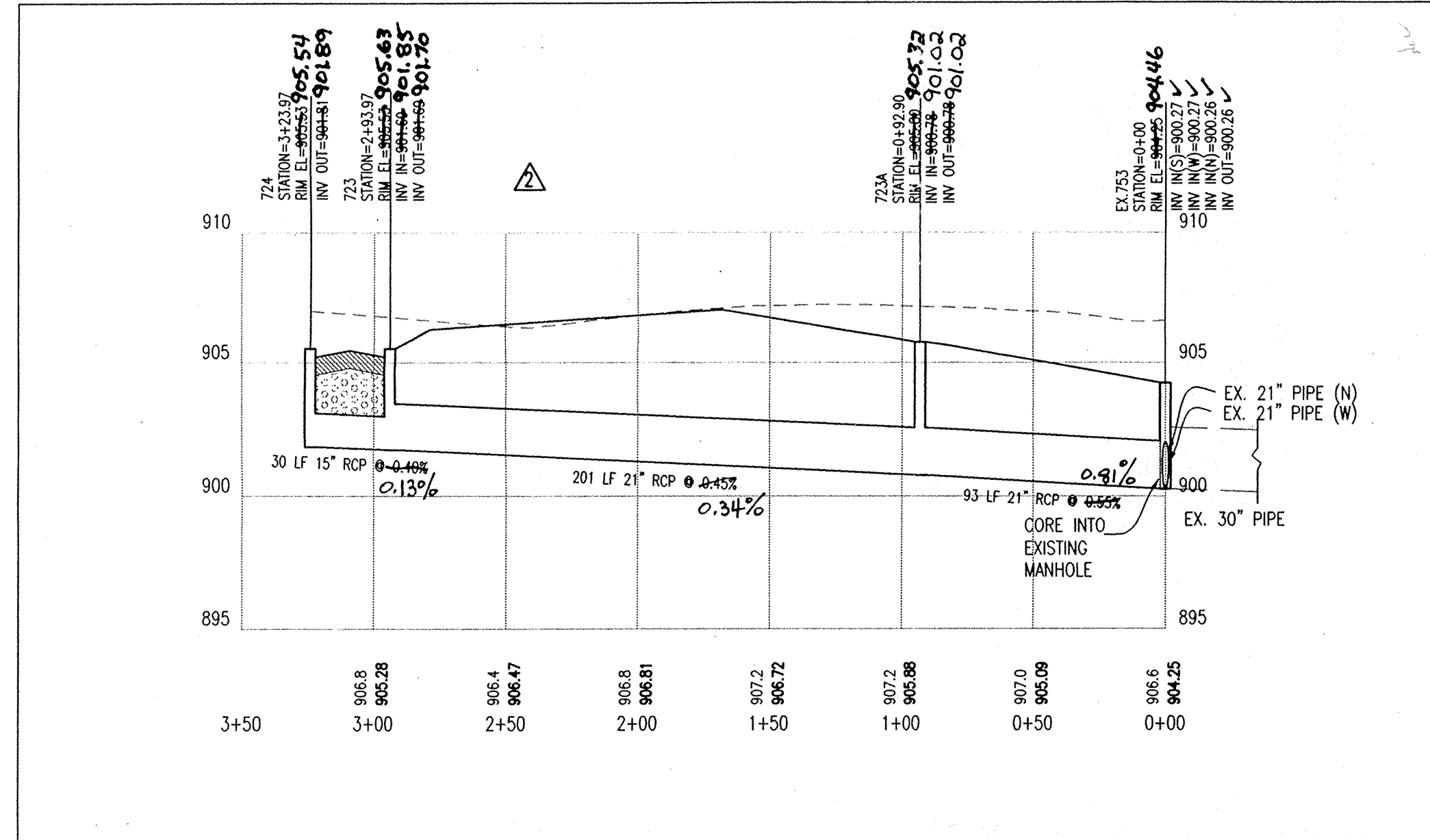
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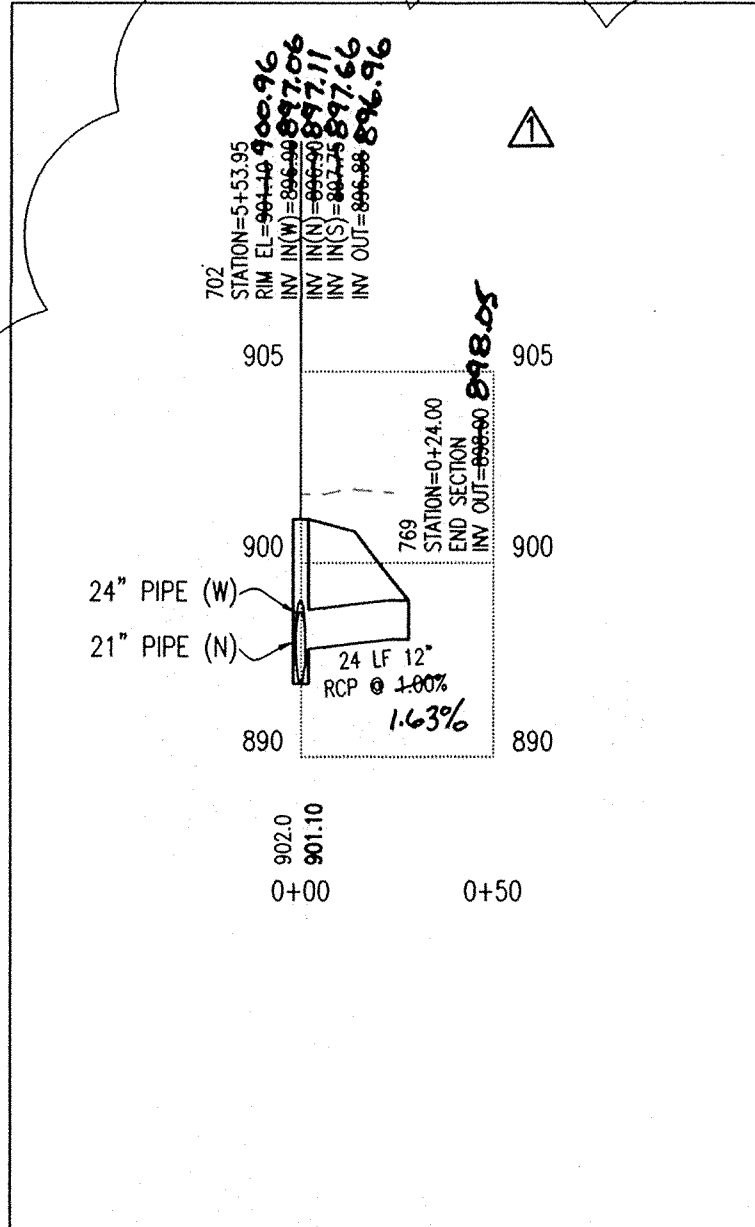
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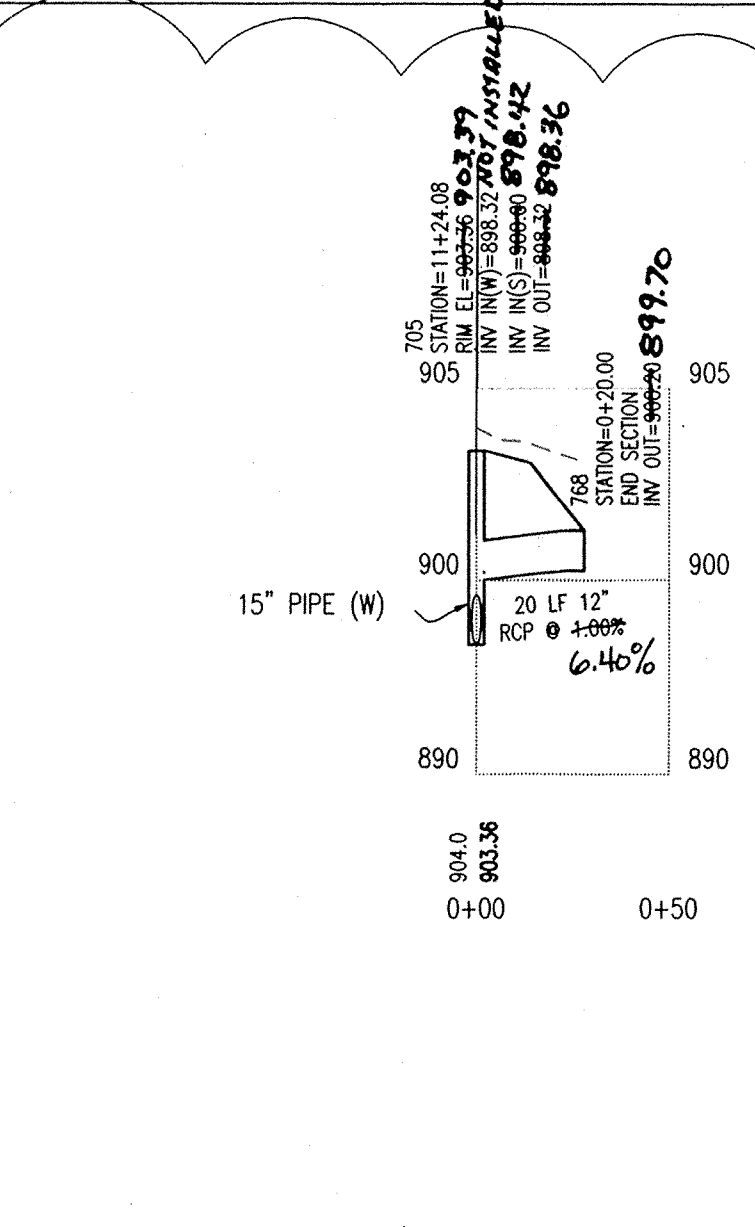
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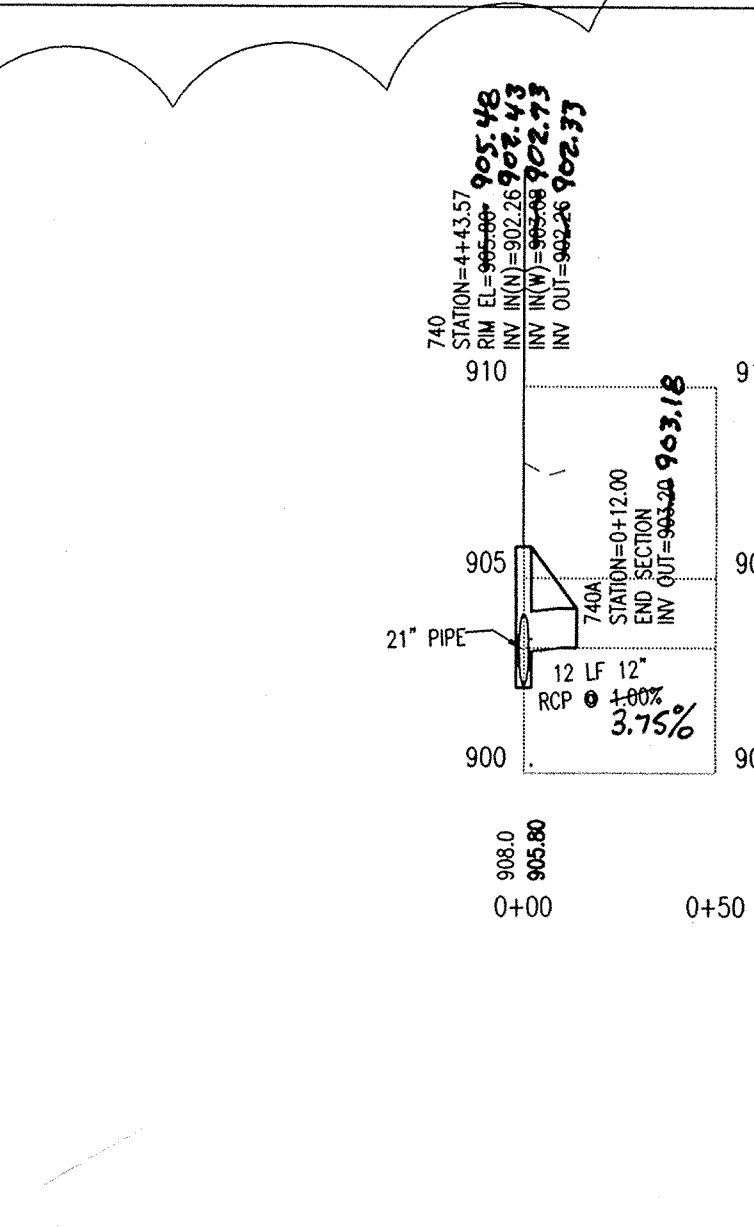
PROFILE ONE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



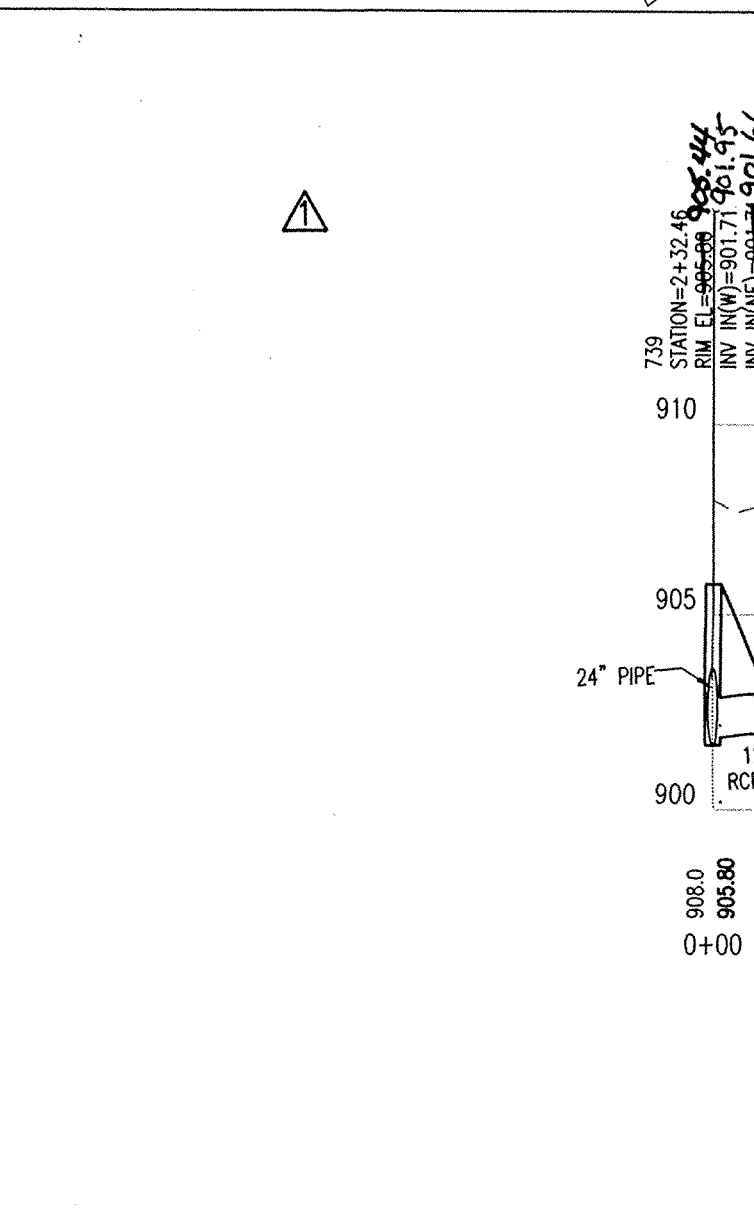
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PROFILE THREE
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VER. SCALE: 1" = 5'



PROFILE FOUR
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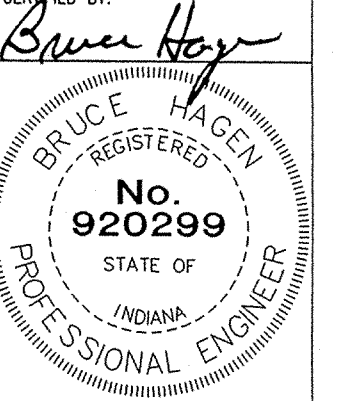
PROFILE FIVE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

Revision	Date	Description
1	03-07-00	Additional Storm Sewer Profiles and Addition of Note #12
2	03-13-00	Revised Storm Sewer Plan and Profile

PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 841-4798
E-Mail at picrife@picrife.com

ARCHITECTS
LANDSCAPE ARCHITECTS
ENVIRONMENTAL CONSULTANTS
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LAND SURVEYORS


STORM SEWER PLAN AND PROFILE
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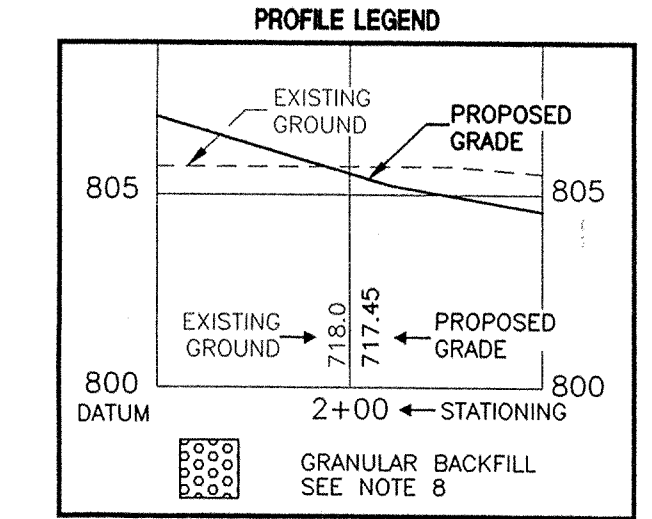
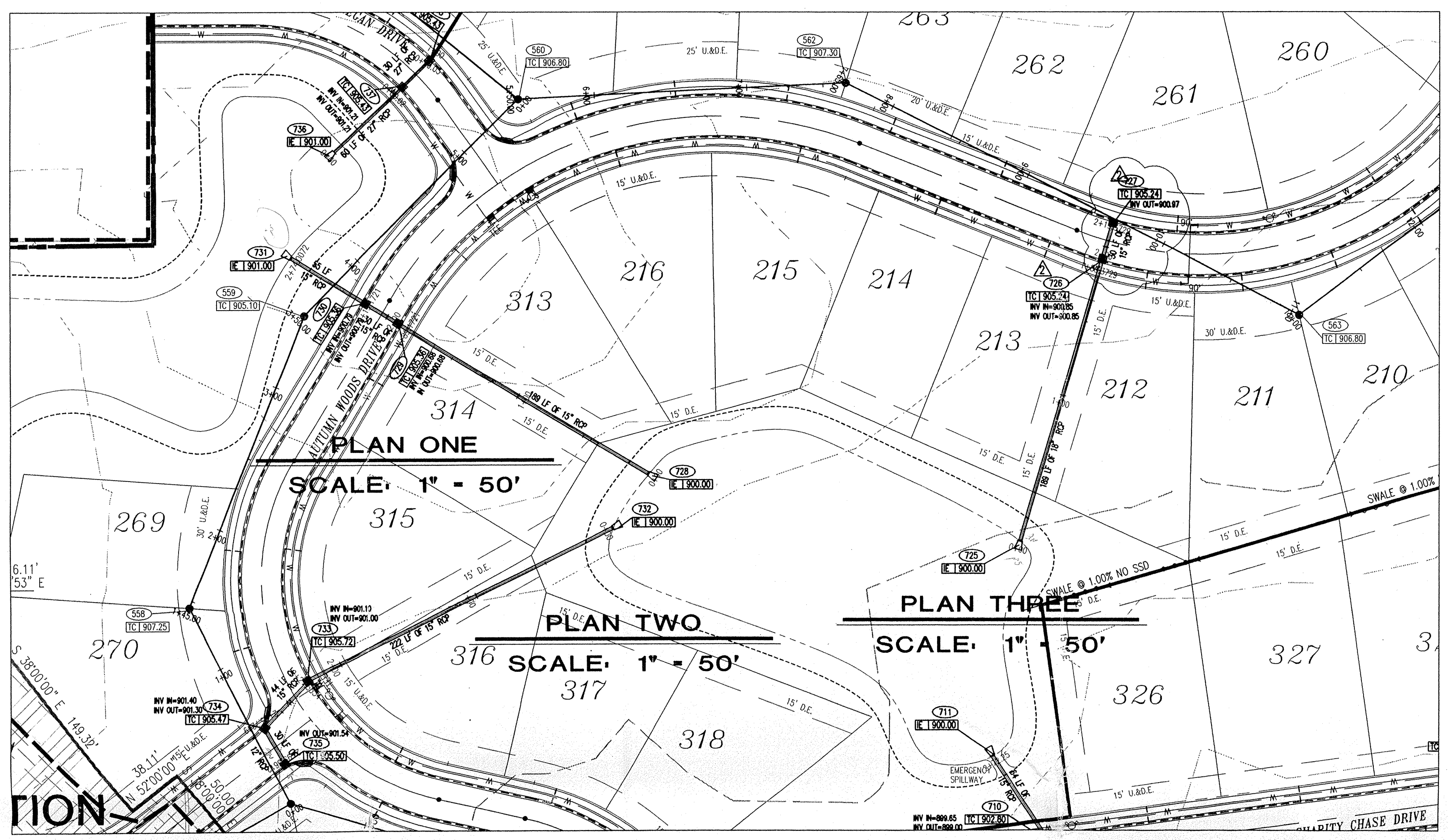


CERTIFIED BY: *Bruce Hagen*
Drawn By: **MAV / LAE**
Checked By: **BRUCE HAGEN**
Quality Assurance: **JOE SHARP**
Scale: 0 to 50 feet
Sheet: **C706**
Date: **11-11-99**
Project Number: **960324-20500**

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JUL 23 2001
OFFICE OF HAMILTON COUNTY SURVEYOR

STORM SEWER PLAN AND PROFILE NOTES:

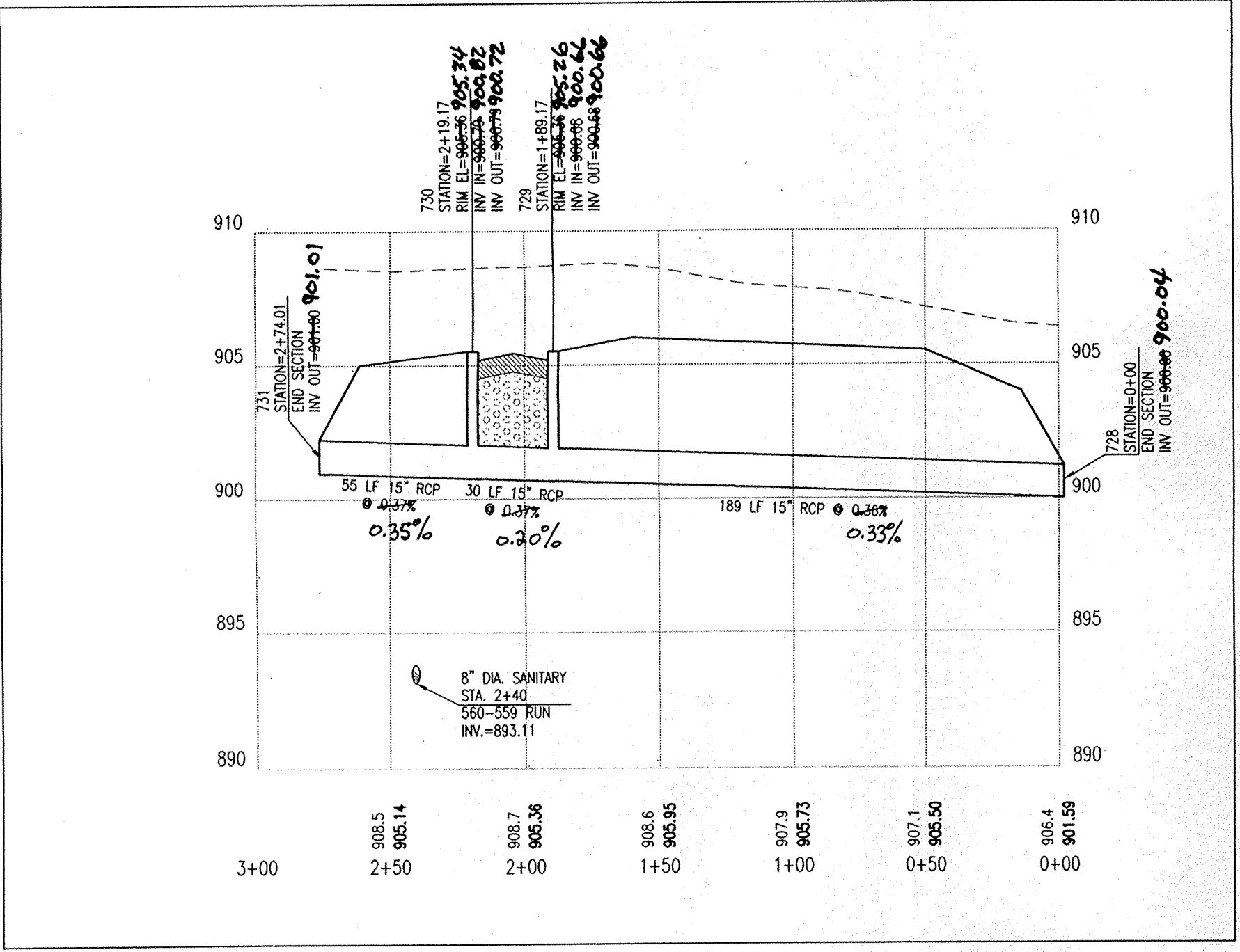
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- FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
- SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
- PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
- THE CONNECTION OF THE PROPOSED STORM SEWER TO AN EXISTING BRICK STRUCTURE MUST BE DONE ACCORDING TO THE FOLLOWING CONDITIONS:
 - REHABILITATE AND COAT THE ENTIRE INTERIOR OF THE MANHOLE WITH NON-SHRINK GROUT.
 - AT THE POINT OF CONNECTION OF THE PROPOSED PIPE, PLACE A THREE FOOT (3') DIAMETER BY A MINIMUM SIX INCH (6") THICK, 4,000 PSI CONCRETE COLLAR WITH 4x4x10 GAUGE WIRE MESH OVER THE EXTERIOR OF THE MANHOLE.
 - ONCE THE CORE HAS BEEN MADE, INSTALL A RUBBER BOOT.
 SHOULD THE INTEGRITY OF THE MANHOLE BE COMPROMISED, THE ENTIRE STRUCTURE MUST BE REPLACED WITH A STANDARD MANHOLE STRUCTURE IN ACCORDANCE WITH THE INDIANAPOLIS SANITARY SEWER DISTRICT STANDARDS, MAY 1989, AND ITS ADDENDUMS.
- DEBRIS GUARD TO BE INSTALLED AT OPEN ENDED PIPES AND POND OUTFALL PIPES. 



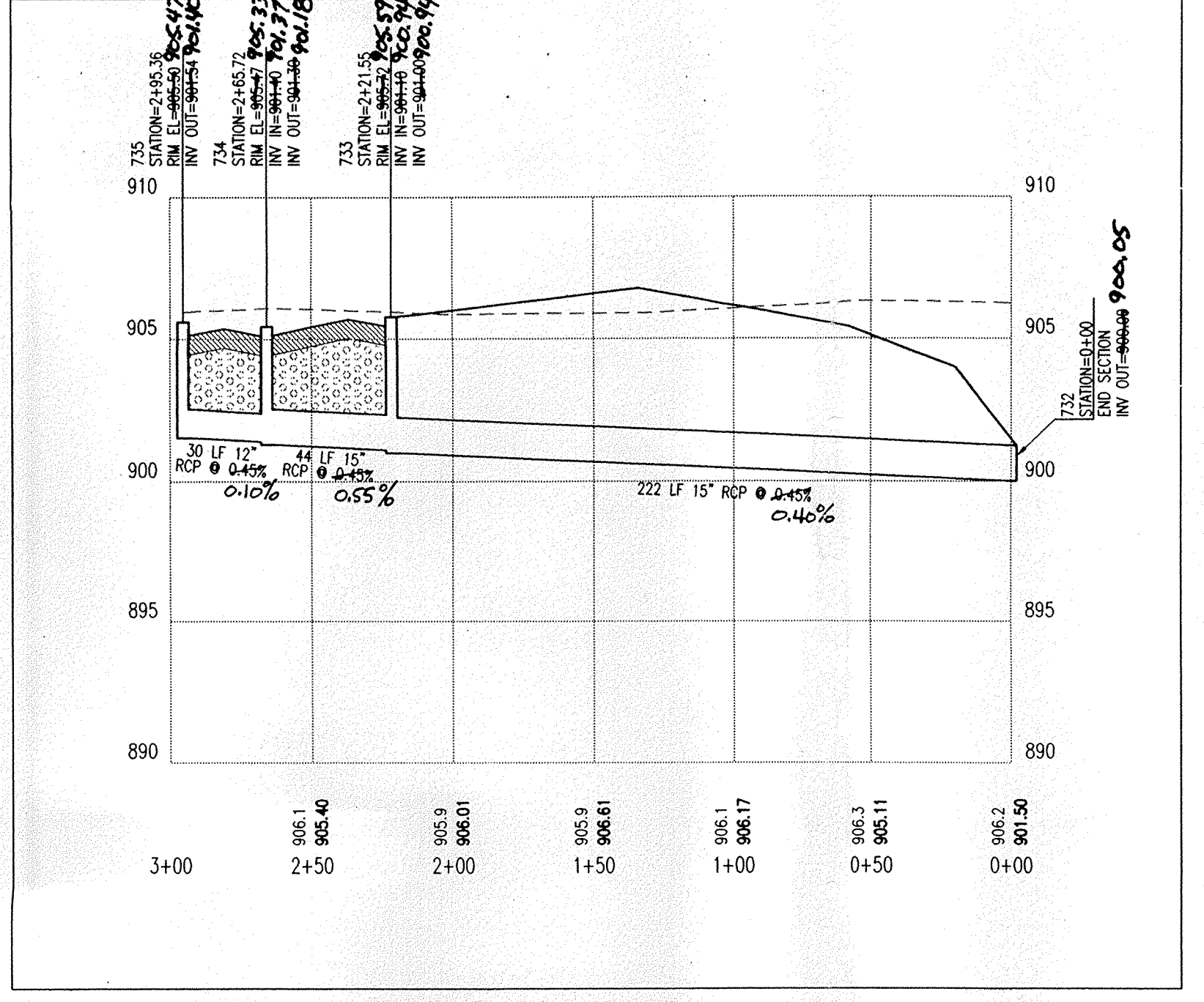
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the County.

Entry Date: 6-21-04

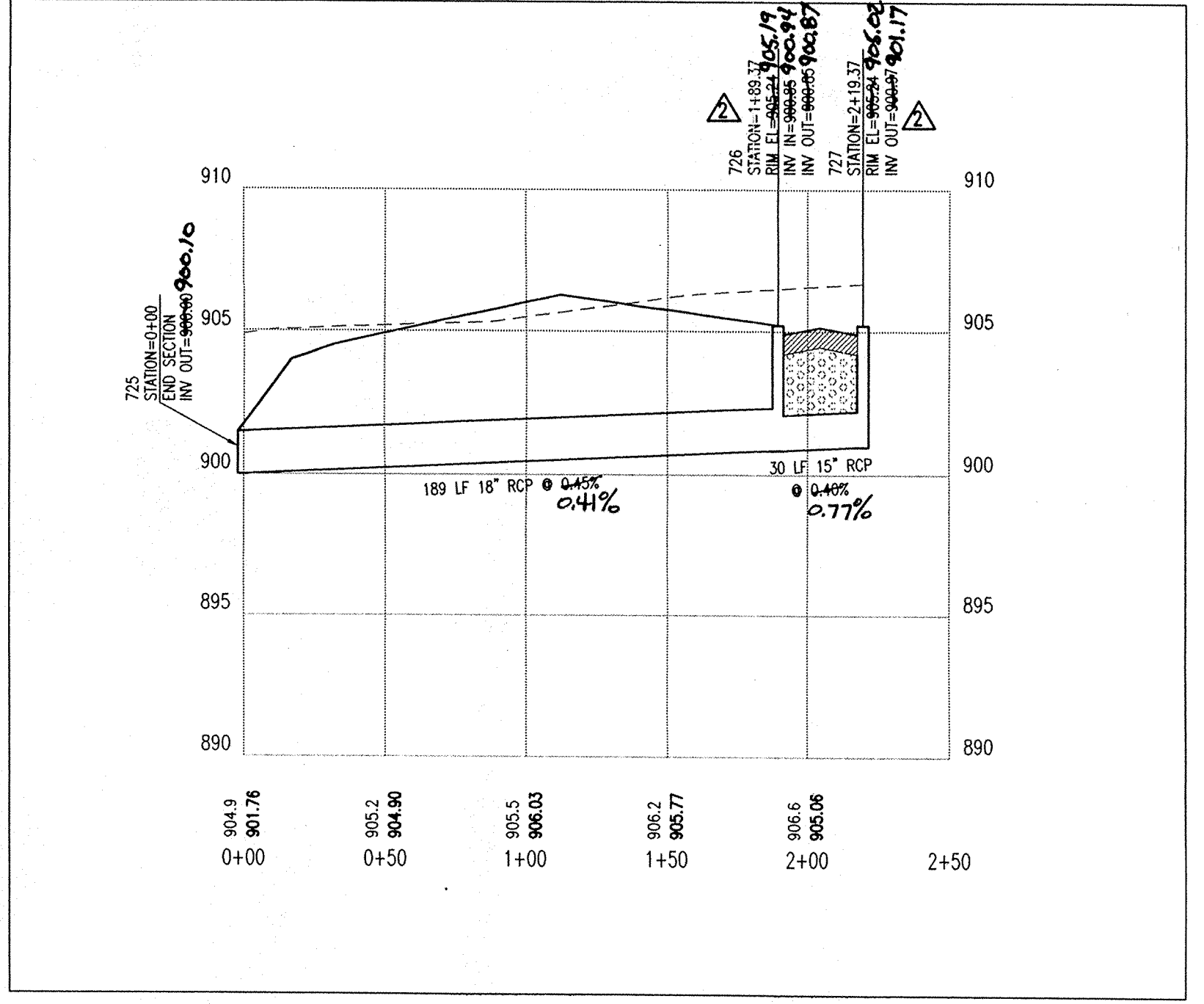
Entered by: JOH



PROFILE ONE
 HOR. SCALE: 1" = 50'
 VER. SCALE: 1" = 5'



PROFILE TWO
 HOR. SCALE: 1" = 50'
 VER. SCALE: 1" = 5'



PROFILE THREE
 HOR. SCALE: 1" = 50'
 VER. SCALE: 1" = 5'

DON'T DIG BLIND

1-800-382-5544
 1-800-428-5200

CAUTION
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and 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.

Revision	1	2	3	4	5	6	7	8	9	10	11	12
Date	03-07-00	03-15-00										
Description	Addition of Man #12	Revised Storm Sewer Top of Casting to 727.75										

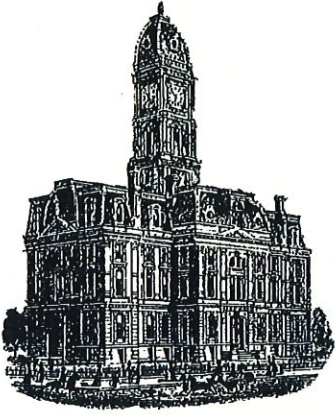
PAUL I. CRIFE, INC.
 ARCHITECTS
 LANDSCAPE ARCHITECTS
 ENVIRONMENTAL CONSULTANTS
 LAND PLANNERS
 LAND SURVEYORS

7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 841-4798
 (317) 842-6777
 E-Mail at picrife@picrife.com

STORM SEWER PLAN AND PROFILE
SADDLE CREEK SUBDIVISION SECTIONS 7-9
DITCH ROAD PROPERTIES, LLC
 9551 DELEGATES ROW
 INDIANAPOLIS, IN 46240
 PHONE: 317-818-2900

DESIGNED BY: *Steve Hagen*

Drawn By: **MAV / LAE**
 Checked By: **BRUCE HAGEN**
 Quality Assurance: **JOE SHARP**
 Scale: 1" = 50'
 Sheet: **C705**
 Date: **11-11-99**
 Project Number: **960324-20500**



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

Map Correction-Field Verification

Drain Number: 315

Drain Length: 5863

Drain Name: Saddle Creek – Section 9

Change + / - : -89

Date: 12-12-16

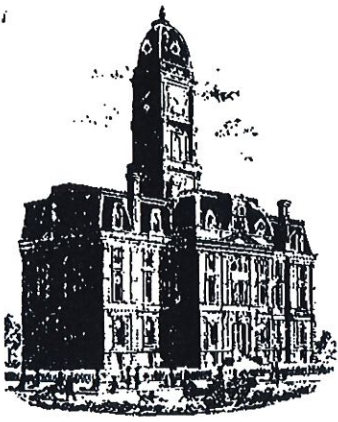
New Length: 5774

Verified By: SLM

Notes & Sketch: See attached documents.

Structures 746-747 was included in the footage for the final report but was never built. Therefore, this 89 feet of 18" RCP should be removed from the drains length.

Suzanne L. Mills
GIS Specialist



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

April 30, 2003

Re: Saddle Creek Drain: Sec. 9 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Sec 9. 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 July 14, 2000. The report was approved by the Board at the hearing held August 28, 2000. (See Drainage Board Minutes Book 5, Pages 422-423)
The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
706	904.3	898.82				
705	903.36	900	15	200		
705	900.36	898.32				
704	903.36	898.25	18	30		
710	902.8	899				
711		900	15	64		
746		901				
747	905.5	901.22	18	89		
705	903.36	900				
768		900.2	12	20		
740	905.8	902.26				
740A		903.2	12	12		
739	905.8	901.71				
744		901.8	12.45	12		
731		901				
730	905.36	900.79	15	55		
730	905.36	900.79				
729	905.36	900.68	15	30		
729	905.36	900.68				
728		900	15	189		
735	905.5	901.54				

