Drain: GEIST WOODS DRAIN **Drain #:** 184

Improvement/Arm: GEIST WOODS - SECTION 1-4

Operator: JDH **Date:** 12-18-03

Drain Classification: **Urban/Rural** **Year Installed:** 1984

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JH 12-18
- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — JH 12-19
- Digitize & Attribute SSD — N/A
- Digitize & Attribute Open Ditch — JH 12-19
- Stamp Plans — JH 12-19
- Sum drain lengths & Validate — JH 12-19
- Enter Improvements into Posse — JH 12-19
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors — JH 12-19

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: GEISTWOODS DRAIN - SECTIONS 1-4

Drain Type:	Size:	Length (SURVEYORS REPORT)	Length (DB Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
CMP	12"	210'	210'	ø		
	15"	55'	55'	ø		
	18"	240'	240'	ø		
	27"	48'	48'	ø		
	36X22"	95'	95'	ø		
	50X31"	95'	95'	ø		
OPEN DITCH		1480'	1,480'	ø		

Sum: 2,223' 2,223' ø

Final Report: _____

Comments:

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060

February 16, ____ 1984

To: Hamilton County Drainage Board

Re: Geist Woods

On August 10, 1983 R & P Enterprises submitted a petition for Geist Woods Sections 1 and 2. Because of certain problems this petition was held until the problems were corrected. Since that time a petition for Sections 3 and 4 has been submitted. Upon review I now believe that all required submissions are filed and needed revisions made. I have made an onsite inspection of the proposed drain an believe it to be practicable, will improve the public health, be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accuring to the owners of land likely to be benefited.

Attached are construction plans, calculations, engineers estimate, assessment roll, performance bond, non-enforcement and petition for the drain. The portion of the drainage which will become regulated drains is shown in red on the development plan. The quantity list for the project is as follows:

Open swale/ravine	1480'
3 double inlets	
5 single inlets	
12" CMP	210'
15" CMP	55'
42" CMP (50"x31" CMPA)	95'
30" CMP (36x22 CMPA)	95'
27" CMP	48'
18" CMP	240'

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4 - 12" End Sections
2 - 15" End Sections
4 - 27" End Sections
2 - 36"x22" End Sections
2 - 50"x31" End Sections
7 - 18" End Sections

The length of the drain is 2223 feet.

The maintenance assessment has been figured at $20.00 per lot and $2.00 per acre. The yearly cost for the maintenance will be $1,573.60.

I recommend that a hearing be held for this drain on March 12, 1984.

Kenton C. Ward, Surveyor

KCW/jh

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Bond No. 05-02-61

SUBDIVISION BOND **84 2056** BOOK 8 PAGE 225

KNOW ALL MEN BY THESE PRESENTS, That we, R & P ENTERPRISES, INC. (hereinafter called the Principal), as Principal, and NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA., a corporation organized and doing business under and by virtue of the laws of the State of Pennsylvania, and duly licensed for the purpose of making, guaranteeing or becoming sole Surety upon bonds or undertakings required or authorized by the laws of the State of Indiana, as Surety, are held and firmly bound unto HAMILTON COUNTY DRAINAGE BOARD AND HAMILTON COUNTY BOARD OF COMMISSIONERS (hereinafter called the Obligee) in the just and full sum of **TWENTY-TWO THOUSAND THREE HUNDRED TWENTY-THREE AND 35/100ths---** **($22,323.35)** lawful money of the United States of America, for the payment of which, well and truly to be made, we hereby bind ourselves and each of our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has agreed with the HAMILTON COUNTY DRAINAGE BOARD AND HAMILTON COUNTY BOARD OF COMMISSIONERS to construct in accordance with typical cross sections and plans filed with HAMILTON COUNTY, a drainage structure in all sections of Geist Woods, in connection with the improvements for GEIST WOODS, 9700 N. FALLCREEK ROAD, HAMILTON COUNTY, INDIANA, in accordance with the requirements of the Obligee.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if the above bounden Principal shall comply with the conditions of the agreement as to said construction work and shall faithfully perform the work required to be done as aforesaid within a period of two years, or extension thereof, then this obligation shall be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, said Principal and said Surety have caused these presents to be duly signed and sealed this 10th day of February, 1984.

RECEIVED FOR RECORD
FEB 15 3 34 PM '84
MARY L. CLARK
RECORDER
HAMILTON CO. IND.

R & P ENTERPRISES, INC. (Seal)

By: Diane M. Hibbeler
VICE PRESIDENT

This Instrument Recorded Feb. 15 1984
Mary L. Clark, Recorder, Hamilton County, Ind.

NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA.

By: Robert A. Oppelt (Seal)
Robert A. Oppelt, Attorney-in-Fact

Countersigned by:

Indiana Resident Agent

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American Home Assurance Company
National Union Fire Insurance Company of Pittsburgh, Pa.
Principal Bond Office: 102 Maiden Lane, New York, N. Y. 10005

POWER OF ATTORNEY

No. 05-B-04994

BOOK 8 PAGE 226

KNOW ALL MEN BY THESE PRESENTS:

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, Pa., a Pennsylvania corporation, does each hereby appoint

Robert A. Oppelt, Gilbert L. Hayward or Ray E. Mitchell
Los Angeles, California

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. have each executed and attested these presents

this 10th day of February, 1977.

Marion E. Fajen, Secretary

Robert J. Frein, Vice President

This Instrument Recorded Feb. 15 1984
Mary L. Clark, Recorder, Hamilton County, Ind.

CERTIFICATE

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. on May 18, 1976:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its suraty business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

I, Marion E. Fajen, Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, Pa. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and of Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of each corporation

this 10th day of FEBRUARY, 1984.

Marion E. Fajen, Secretary

B-115 (7-76)

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CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE:

I hereby certify that:

1.) I am a Registered Land Surveyor 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, and

4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications. Except as noted below

Signature: William R. Cole Date: October 10, 1985

Type or Printed Name: William R. Cole

Business Address: 402 East Main Street
Plainfield, IN 46168

Telephone: 317-839-2412

INDIANA REGISTRATION NUMBER

10621

SEAL

1. Structure No. 4 needs rock removed from upstream end.
2. Erosion of dirt onto Geist Woods Circle.
3. Water runs across the road surface at structure no. 5

FILED
OCT 15 1985
HAMILTON COUNTY DRAINAGE BOARD

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060

August 18, 1988

FILED

SEP 12 1988

HAMILTON COUNTY DRAINAGE BOARD

SECRETARY

TO: Hamilton County Drainage Board

RE: Geist Woods Drain

I have inspected the drainage facilities for the Geist Woods Drain and have found then to be complete and acceptable. The Project Engineer has submitted the Certificate of Completion and Compliance and "As Built" Drawings on reproducable mylar of the drainage system.

During construction two (2) changes were made. These changes were approved by me on Novemeber 8, 1987 and regraded pipes within the open ditch on Lots 24 and 25. These changes are shown on the "As Built" Drawings. The length of the drain did not change from that stated in my original report dated February 16, 1984. The length is 2223 feet.

Two items should be clarified at this time. The open swale comming from Carefree Estates to the East and running acroos Lots 16,17,18 and 19 along with the 12" CMP on Lot 17 (Denoted as STR 8) are not part of the regulated drain. This system shall remain private.

The pipes under Fall Creek Road and the swale in the rear of Lots 55 and 56 along the road were not part of the regulated drain system. These shall remain as the maintenance responsibility of the County Highway Department at this time. These may be part of the Drain at a later date if petitioned.

At this time I recommend the Board approve the drainage facilities as constructed. The non-enforcement request for this plat was approved by the Board at its meeting on March 12, 1984. (see minutes Book 1, Page 579).

Kenton C. Ward
Hamilton County Surveyor

KCW/ho

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GEIST WOODS

GEIST WOODS NORTH DRIVE
GEIST WOODS SOUTH DRIVE
GEIST WOODS CIRCLE
GEIST WOODS COURT
GEIST WOODS NORTH DRIVE
GEIST WOODS LANE
GEIST WOODS TRACE
MAY WOODS
FALL CREEK ROAD
96th STREET
REGRADE
RELOCATE SWALE
"COMMON" AREA
DRAIN ESMT.
LIFT STATION
EXISTING M.H.
STR #1
STR #2 18"CMP
STR #3
STR #4
STR #5 15"CMP
STR #6
STR #7 12"CMP
STR #8 12"CMP
STR #9
STR #10
STR #11 12"CMP
STR #12
STR #13
STR #14
STR #15 18"CMP
STR #16 12"CMP
STR #17 18"CMP
STR #18 12"CMP
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STR #70 18"CMP
STR #71 18"CMP
STR #72 18"CMP
STR #73 18"CMP
STR #74 18"CMP
DOUBLE INLET
DOUBLE INSET
RIPRAP
TBM #1 PK IN 18" MAPLE TREE ELEV. 824.50
TBM #2 PK IN 18" TREE ELEV. 832.05
TBM #3 PK IN 36" OAK TREE ELEV. 829.90
TBM #4 PK IN 18" TREE ELEV. 833.05
TBM #5 PK IN DOUBLE CHERRY TREE ELEV. 827.30
TBM #6 PK IN 18" MAPLE TREE ELEV. 798.21
795.00
794.10
798.00
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822.50
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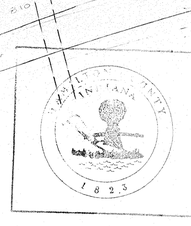
827.30
829.90
833.05
798.21



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Entry Date: 12-19-03
Entered by: JDH

LEGEND

- EASEMENT LINE
- LOT LINE
- SANITARY SEWER
- EXISTING CONTOUR
- 823.30 PROPOSED FINISH ELEVATION
- DRAINAGE FLOW

CERTIFIED BY: REGISTERED ENGINEER No. 08521 REGISTERED LAND SURV No. 10621 STATE OF INDIANA		LAND SURVEYING CIVIL ENGINEERING LEWIS ENGINEERING, INC. 402 EAST MAIN STREET 839-2412 PLAINFIELD, INDIANA 46168	
REVISED Reg Hamilton Co Surveyor 1-30-84	REVISED 8-9-83	DATE 6-15-83	PURPOSE DEVELOPMENT PLAN
	REVISED 12-9-83 ADD PIPES LINS 17, 24 & 25 STA. 12+30	DRAWN BY	SCALE 1"=50'
		CK. BY	SH. 3 OF 11
		PREPARED FOR R & P ENTERPRISES, INC.	JOB N. 83-11

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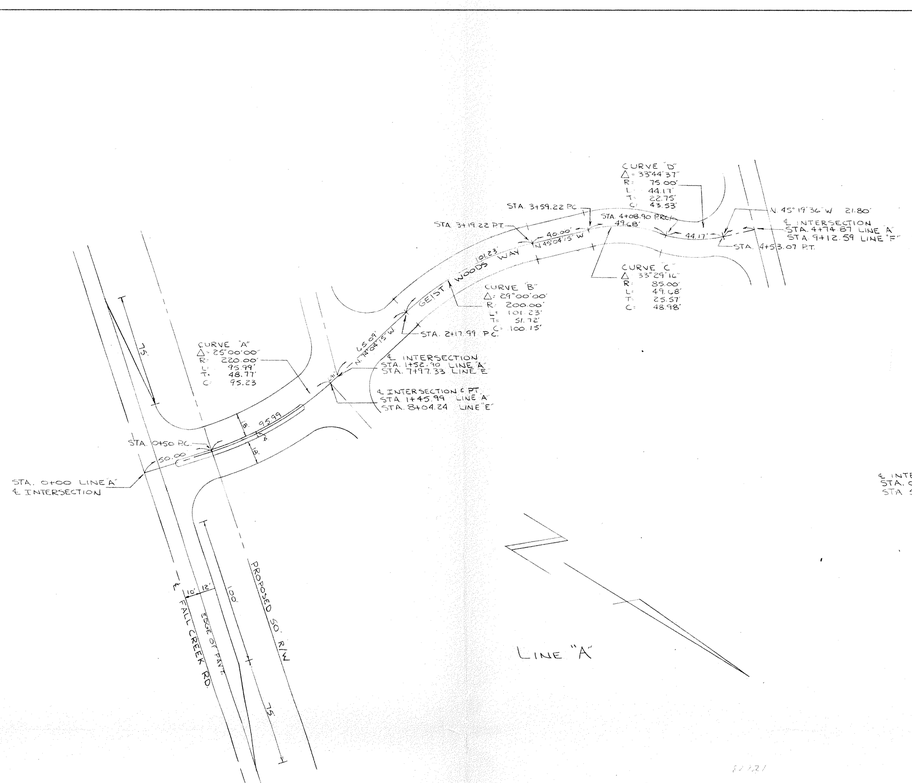
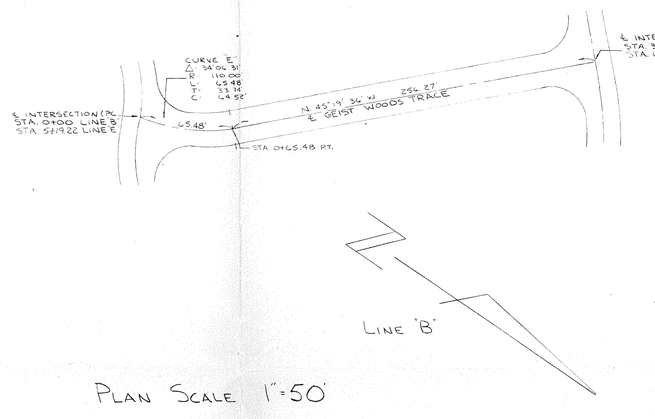
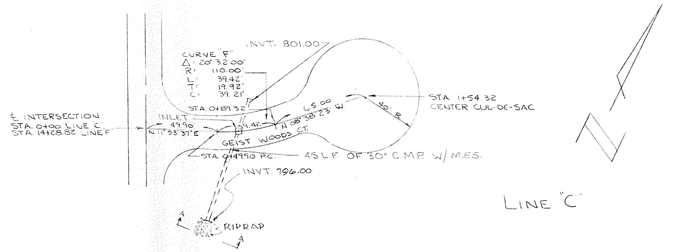
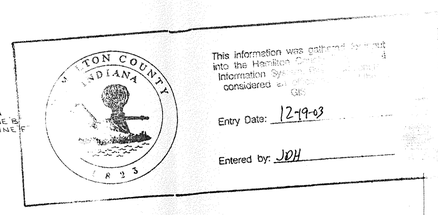
PLAN | SURVEYED | PLOTTED | GRADES CHECKED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | NOTE BOOK | NO. | BY | DATE

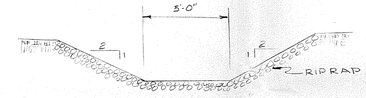
PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | ALIGNMENT CHECKED | NOTE BOOK | NO. | STRUCTURE NOTATNS CHKD | BY | DATE

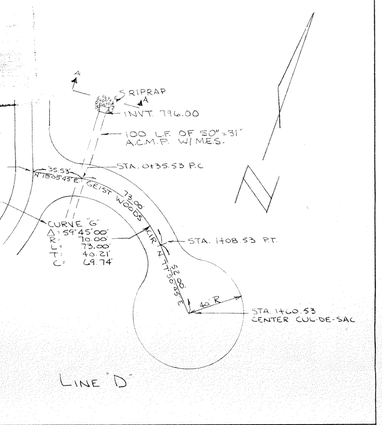












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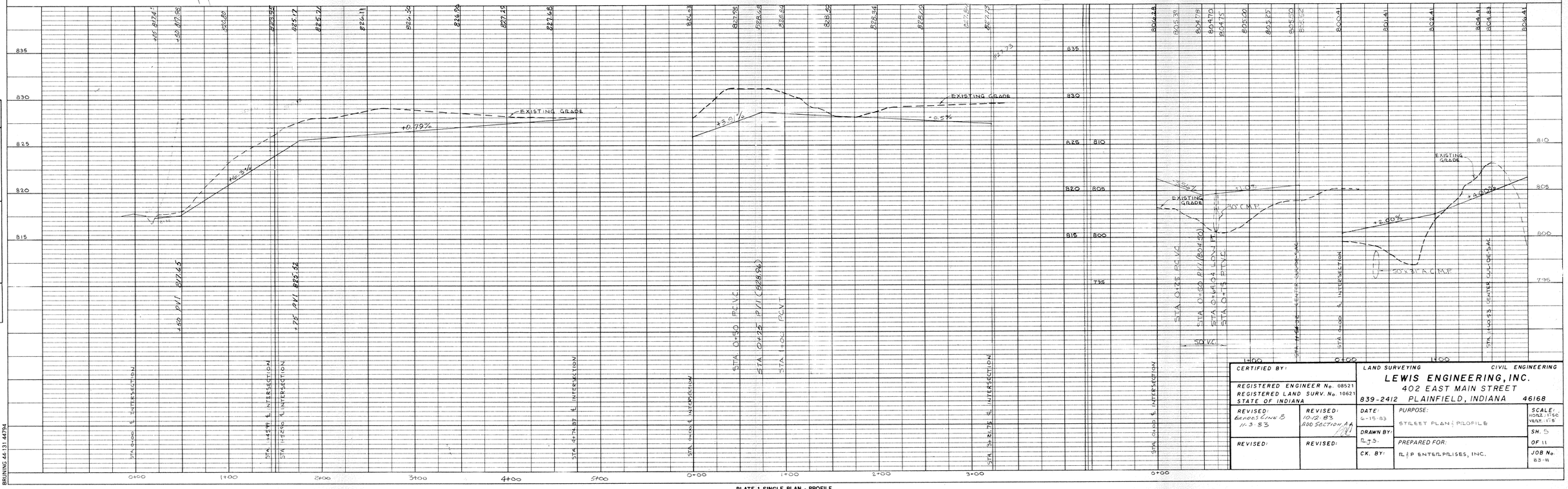

PROFILE SCALE: HORZ. 1"=50' VERT. 1"=5'

CERTIFIED BY:		LAND SURVEYING — CIVIL ENGINEERING
REGISTERED ENGINEER No. 08521 REGISTERED LAND SURV. No. 10621 STATE OF INDIANA		LEWIS ENGINEERING, INC. 402 EAST MAIN STREET 839-2412 PLAINFIELD, INDIANA 46168
REVISED: BRIDGE LINE B 11-3-83	REVISED: 10-12-83 ADD SECTION AA	DATE: 6-15-83
REVISED:	REVISED:	DRAWN BY: R.J.S.
		CK. BY:

PURPOSE: STREET PLAN & PROFILE
PREPARED FOR: R & P ENTERPRISES, INC.
SCALE: HORZ. 1"=50' VERT. 1"=5'
SH. 5
OF 11
JOB No. 83-11

BRUNING 44-131 44794

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

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PLAN

	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		

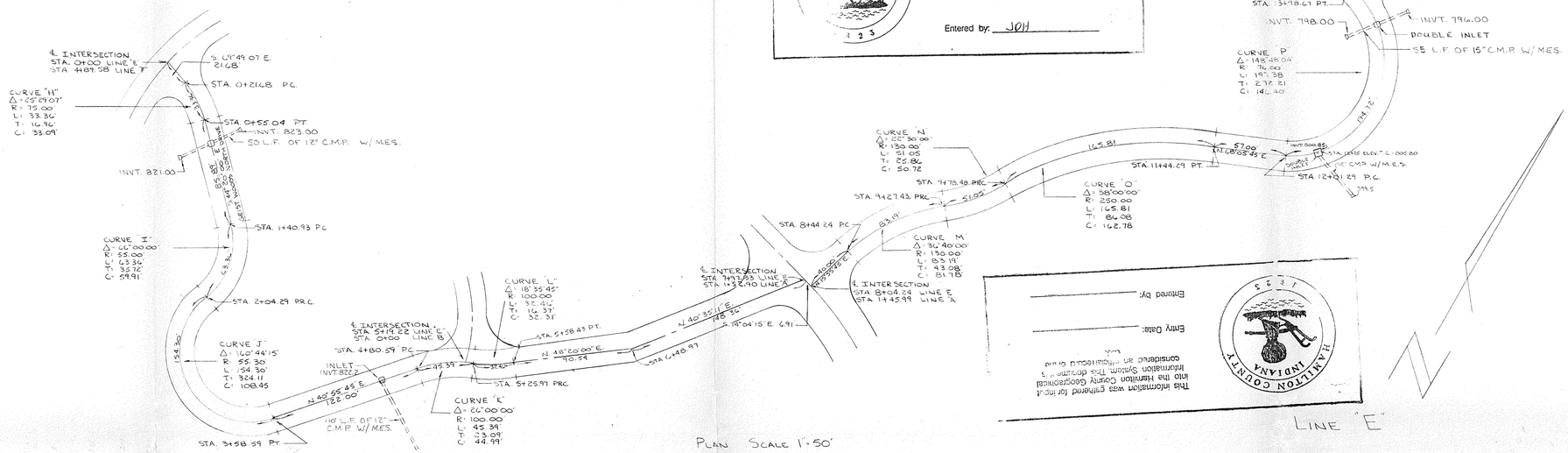
NOTE BOOK
NO.

PROFILE

	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M.'s NOTED		
STRUCTURE NOTATNS CHKD		

NOTE BOOK
NO.

BRUNING 44-131 44794



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Entry Date: 12-19-03

Entered by: JOH

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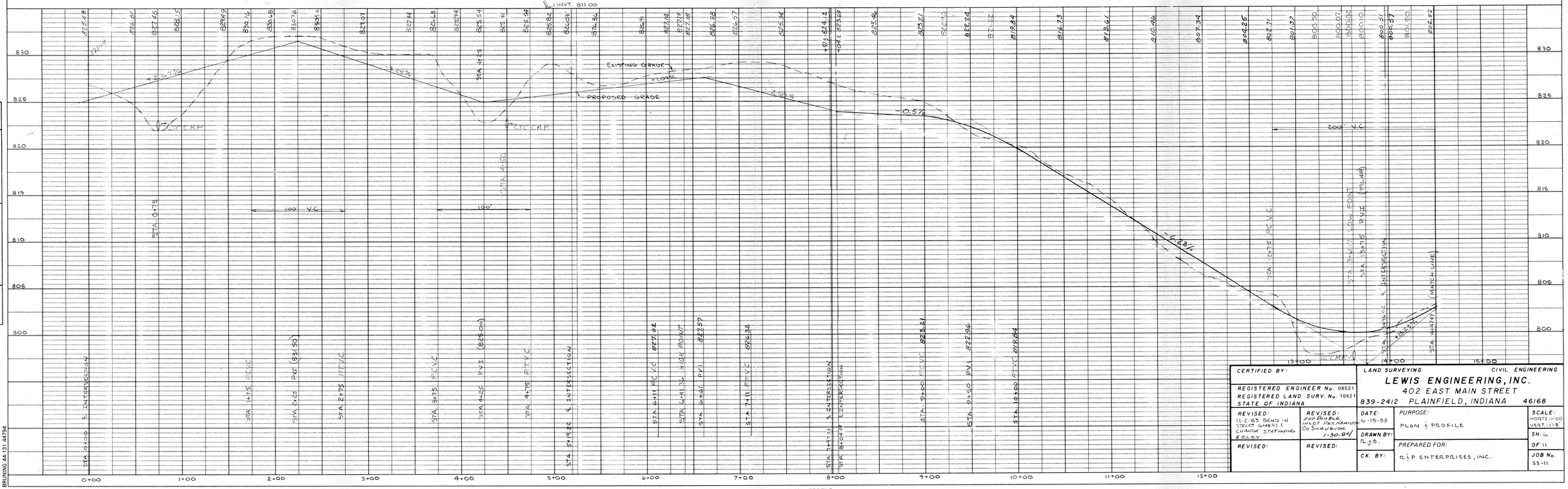
Entry Date: _____

Entered by: _____



PROFILE SCALE 1"=50' HORZ
1"=5' VERT

CERTIFIED BY:		LAND SURVEYING CIVIL ENGINEERING	
REGISTERED ENGINEER No. 08521 REGISTERED LAND SURV. No. 10621 STATE OF INDIANA		LEWIS ENGINEERING, INC. 402 EAST MAIN STREET 839-2412 PLAINFIELD, INDIANA 46168	
REVISED: 11-2-83 BEND IN STREET CHG'D STATIONING & ELEV.	REVISED: ADD DOUBLE INLET DES. HAMILTON CO. SURVEYOR 1-30-84	DATE: 6-15-83	PURPOSE: PLAN & PROFILE
REVISED:	REVISED:	DRAWN BY: R.J.S.	SCALE: HORZ. 1"=50' VERT. 1"=5'
		CK. BY:	PREPARED FOR: R.L.P. ENTERPRISES, INC.
			SH. 6 OF 11
			JOB No. 83-11

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

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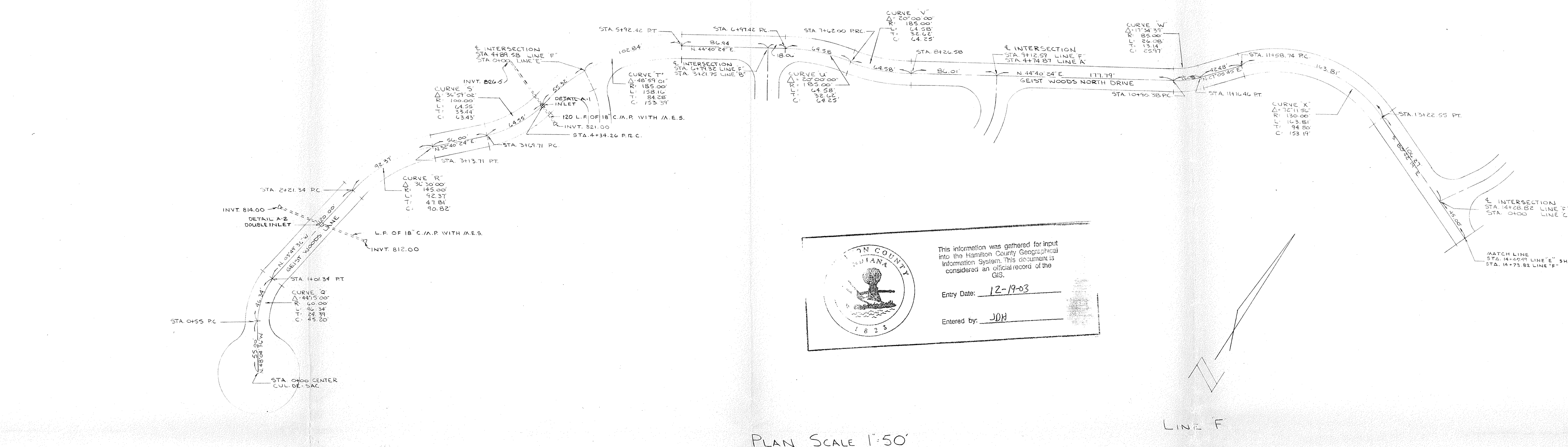
PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



PLAN SCALE 1"=50'

HAMILTON COUNTY INDIANA 1823

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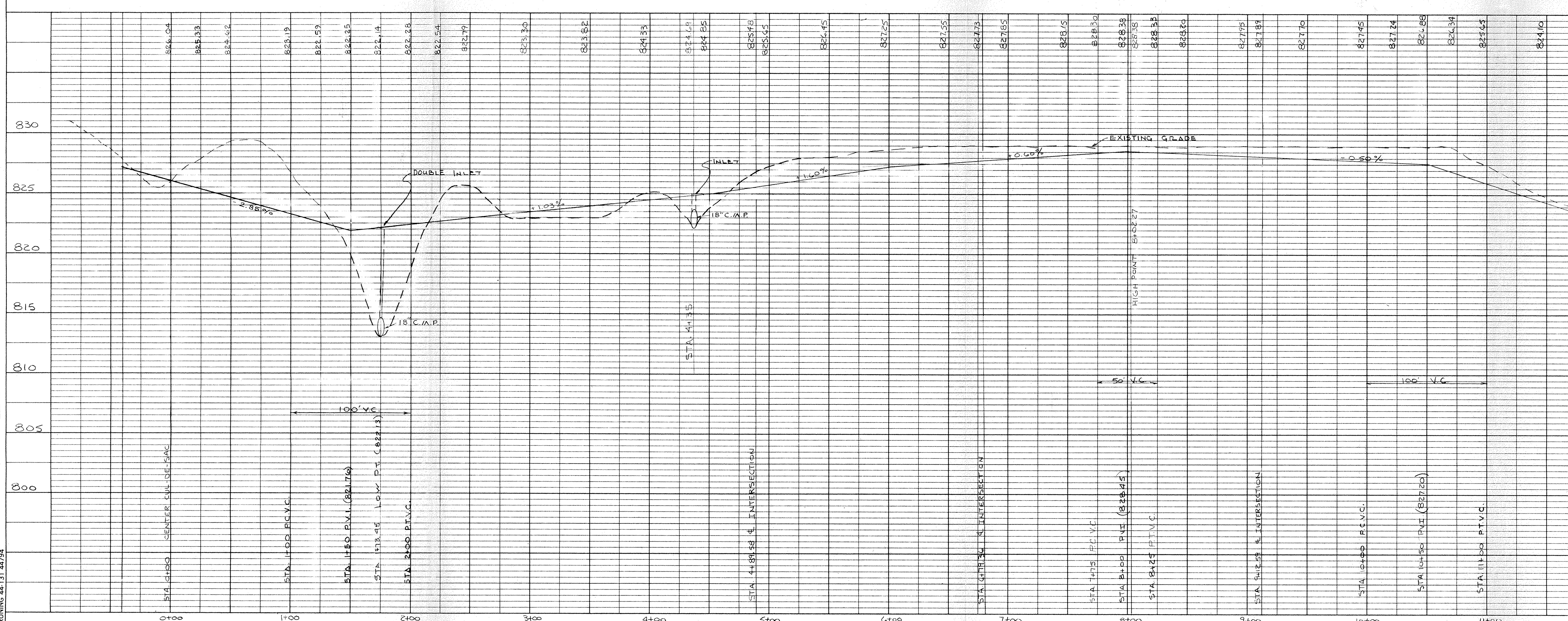
Entry Date: 12-19-03

Entered by: JDH

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M.s NOTED		
	STRUCTURE NOTAT'NS CH'KD		



CERTIFIED BY:	LAND SURVEYING CIVIL ENGINEERING **LEWIS ENGINEERING, INC.** 402 EAST MAIN STREET 839-2412 PLAINFIELD, INDIANA 46168		
REGISTERED ENGINEER No. 08521 REGISTERED LAND SURV. No. 10621 STATE OF INDIANA			
REVISED: 11-2-83 REVISED GRADES 4+50 TO 8+00 R.J.S	REVISED:	DATE: 6-15-83	PURPOSE: STREET PLAN & PROFILE
		DRAWN BY: R.J.S.	SCALE: HORZ. 1"=50' VERT. 1"=5'
REVISED:	REVISED:	CK. BY:	PREPARED FOR: R. & P. ENTERPRISES, INC.
			SH. 7 OF 11
			JOB No. 83-11

BRUNING 44-131 44794

PROFILE SCALE 1"=50' HORZ. 1"=5' VERT.

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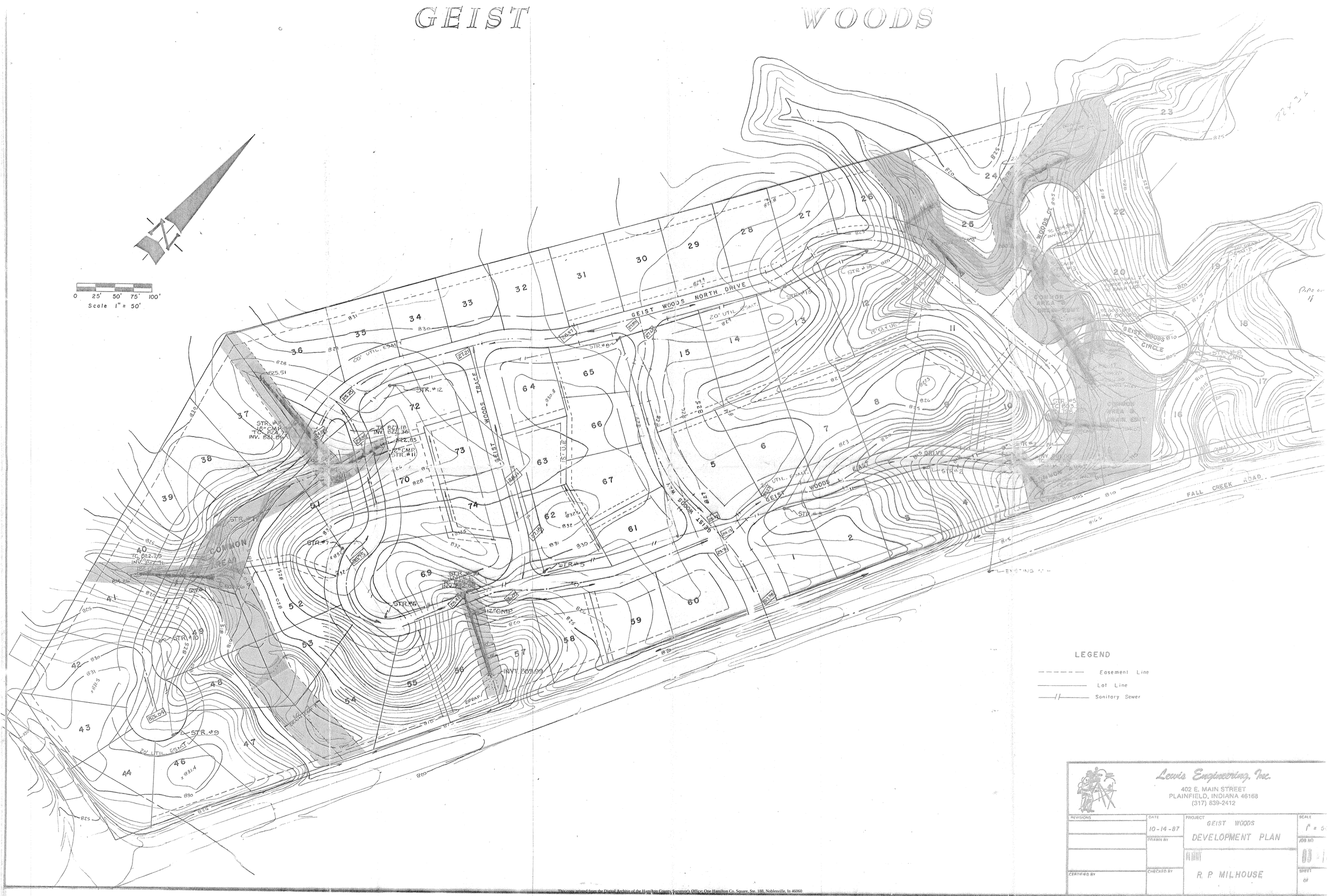
GEIST WOODS



Lewis Engineering, Inc.
402 E. MAIN STREET
PLAINFIELD, INDIANA 46168
(317) 839-2412

REVISIONS	DATE	PROJECT	SCALE
	10-14-87	GEIST WOODS DEVELOPMENT PLAN	1" = 5
	DRAWN BY		JOB NO.
			03
CERTIFIED BY	CHECKED BY	R. P. MILHOUSE	SHEET OF

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