Drain: BEAR SLIDE DRAIN	Drain #: <i>3</i> 03
Improvement/Arm:	
Operator: JDH	Date: /0-21-03
Drain Classification: Urban/Ru	ral Year installed: <u>1998</u>

#### **GIS Drain Input Checklist**

- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Stamp Plans
- Pull Source Documents for Scanning

N/A Q22 10-21 Q22 10-22 Q22 10-22

# <u>Gasb 34 Footages for Historical Cost</u> <u>Drain Length Log</u>

# Drain-Improvement: BEAR SLIPE DRAM

		Length	Length	Length		
Drain Type:	Size:	(ANAL REPORT)	(DB Query)	Reconcile	Price:	Cost
550	6"	6600'	6600	ø		
RCP	/2 <sup>4</sup>	861	<b>861</b>	ø		
	15"	1621'	1621'	ø		······································
	18"	/S41'	1541'	ø		
	24"	163 <sup>1</sup>	<u>164'</u>	+/		
	30"	231'		+28'		
OPEN DITCH		2793'	2793'	0		
	····					
						·······
	Sum:	<u>13,810</u> *	13839'			
nal Report:		Ť Ť				
omments:						
	NT = 212414	1.50		)		
LOST OF CON	STRUCTION =	BOND Amount	X (LENGT	HO OF CONS	TRUCTION &	(LENI-
OF CONSTRU	ctical + LEndle	TH OF MAR	Heat BLANTO	al recoc	ATION))	
Cop on it						
FOR CALL	LATIONS SE	E THIS SHO	EET IN M	ARION BI	CANTON D	RAIN

STATE OF INDIANA

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COUNTY OF HAMILTON )

TO: HAMILTON COUNTY DRAINAGE BOARD % Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of <u>Bear Slide</u> Subdivision, Section <u>-</u> Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in <u>Bear</u> <u>Slide</u>, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petetioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

- To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- 2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

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1

- 3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
- 4. The Petitioner shall instruct his Engineer to provide a reproducable print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
- 5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

MALOGANY Signed

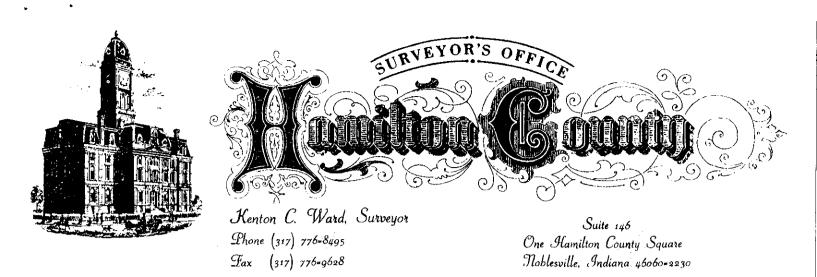
Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE

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2



March 27, 1998

TO: Hamilton County Drainage Board

RE: Bearslide Drain

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Bearslide 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:

Open Ditch	2,793 ft	18" RCP 1,612 ft
6" SSD	5,600 ft	24" RCP 163 ft
12" RCP	861 ft	30" RCP 231 ft
15" RCP	1,621 ft	

The total length of the drain will be 12,810 feet.

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 A WAY, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

The open ditch shown above includes the extension of the Ed Waltz Drain from it's present terminus 1000 feet South of 236th Street to the South side of the bridge under 231st Street, 2603 feet total.

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 \$55.00 per lot, \$5.00 per acre for roadways, with a \$55.00 minimum. With this assessment for this drain/this section will be \$ / 900.06

Various parcels assessed for this drain will also be assessed for the Marion Blanton and Ed Waltz Drains. Lots 1,2,3,4,5,6,7,8,and 9 will be assessed to the Marion Blanton at \$ Per lot. All lots will be assessed to the Ed Waltz Drain.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67-69. Therefore, this drain shall be designed 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 Bearslide as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for April 1998.

Kenton C. Ward Hamilton County Surveyor KCW/no

#### PENDLETON CONSULTING 'n

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Sheet3

					Sheet3		3			
Constructio	on Estir	nate	or B	ondin	g		7			
Bear Slide Su				T		8		1/12/98	SEB	
Deal Olide Od								LR1/31/98		
Underdrain	6 w' ston	e backfill	<u>.</u>							
Street	Ē'S 50 0	Lft						unit cost	\$	32,155.50
Lot Conn.	20	<b>4</b> 2.				gi s	\$ 50.00	unit cost	5	1,000.00
Storm Sewer	+ +	·		<b> </b>		1.1. 140	<u>ä</u>			
12' RCP	†				808	lift_		unit cost	\$	14,140.00
15" RCP	μ <b>ρ</b>			<b>-</b>	1621	Ht.	\$ 23.50	unit cost	\$	38,093.50
18" RCP	<b>•</b> •••••••••••••••••••••••••••••••••••		·····	1	996	ht l	\$ 28.75	unit cost	\$	28,635.00
24" RCP					545	łt	\$ 35,00	unit cost	\$	19,076.00
30" RCP	1 1				259	lít	\$ 41.50	unit cost	\$	10,748.50
48" FBCCMP	1. 191	strs	48	lft ea	96	lft	\$ 57.00	unit cost	\$	5,472.00
End Section					4-	68	\$ 225.00	unit cost	\$	900.00
	1				±iDc⊋	1 1 C 1	n e e		<b>_</b>	
Structures	48' dia ma	nholee			16		\$ 775.00	unit cost	5	12,400.00
			on)		1		\$ 450.00	unit cost	\$	450.00
Ditches										
yard swales	adi. 1				4560	Ift	\$ 3.25	unit cost	\$	14,820.00
M.L.Blanton		ift	5	cyd/lft	2150	cyd	\$ 5.00	unit cost	\$	10,750.00
Erosion Control	4								┼──	
Area	-	acres		ļ			\$ 1,500	unit cost	\$	21,750.00
Monuments	- <b>h</b>		· · · · · · · · · · · · · · · · · · ·					1		
cl markers					9	69	\$ 125.00	unit cost	\$	1,125.00
perimeter					Ĝ	. 69	\$ 150.00	unit cost	5	900.00
						T	otal Estim	ated Cost	\$	212,414.50



Page 1

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#### FIRST OF AMERICA BANK, N.A. 101 WEST OHIO STREET, SUITE 1400 INDIANAPOLIS, IN 46204-1926

#### February 23, 1998

OF THE COUNTY OF HAMILTON
DATE

Irrevocable Standby Letter of Credit No. S981770012 Amount: \$212,414.50 Expiry: February 23, 1999

#### **BENEFICIARY**:

The Hamilton County Board of Commissioners Hamilton County, Indiana One Hamilton County Square Noblesville, Indiana 46060

# ATTEST: \_\_\_\_\_ HAMILTON COUNTY AUDITOR

Dry.

Gentlemen:

WEARAR AN PART

We hereby open our Irrevocable Standby Letter of Credit in your favor and for the account of **Mahogany Holding Co.** P.O. Box 540 Fishers, IN 46038 in the amount of Two Hundred Twelve Thousand Four Hundred Fourteen and 50/100 Dollars (\$212,414.50) available by your draft(s) at sight drawn on us bearing the clause "Drawn under First of America Bank, N.A. Letter of Credit No. **S981770012** accompanied by the following documents:

Your statement signed by an authorized officer of The Hamilton County Board of Commissioners as follows: "We hereby certify that there has been a drawing by The Hamilton County Board of Commissioners under our agreement with Mahogany Holding Co. and we are entitled to the amount of this draw under your Letter of Credit No. S981770012

This Letter of Credit is for the purpose of supporting improvements within the Bear Slide Subdivision, including storm sewers, ditch construction, erosion control, monumentation and subsurface drains.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without amendment for additional periods of one year from the present or any future expiration date, unless at least thirty (30) days before any such expiration date we notify you by registered mail at the above address that we elect not to renew this credit for such additional period.

The original of this Letter of Credit and any amendments thereto must be submitted to us whenever a sight draft is presented or cancellation of this Letter of Credit is requested. An electronically or mechanically reproduced copy is not an "original." In every case of partial draws, the amount of the draw will be endorsed on the back of this Letter of Credit and the

original credit shall be promptly returned (unless fully utilized or expired) and remain valid for the balance unused.

We hereby agree with you that the drafts drawn under and in compliance with the terms of this credit will be duly honored by us upon presentation at this office on or before February 23, 1999.

This credit is subject to the Uniform Customs and Practice for Documentary Credits, 1993 Revision, International Chamber of Commerce, Publication No. 500 and any subsequent amendments thereto.

First of America Bank, N.A.

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Robert J. Hickman Assistant Vice President



To: Hamilton County Drainage Board

October 15, 1999

#### **Re: Bearslide Subdivision**

Attached are as-builts, certificate of completion & compliance, and other information for Bearslide Subdivision. 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 March 27, 1998. The changes are as follows:

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

206	852.03	850.11			
205		849.77	15	F0	
			15	50	
205		849.77			
203	855.04	848.32	18	396	
203	855.04	848.32			
204	853.62	850.64	12	245	
203	855.04	848.32			
201	856.2	847.65	18	215	
201	856.2	847.65	·····		
200	846.57	843.1	18	545	
200	846.57	843.1			
101	845.47	841.06	24	163	
101	845.47	841.06			
102	845.59	840.39	30	50	
102	845.59	840.39			
100	846.57	843.1	30	181	· · · · · · · · · · · · · · · · · · ·
201	856.2	847.65			
202	852.57	850.2	15	508	, <u>, , , , , , , , , , , , , , , ,</u>
404	853.37	849.49			· · · · · · · · · · · · · · · · · · ·
403	853.37	848.83	12	244	
403	853.37	848.83			

402	850.09	847.42	15	402		
402	850.09	847.42				
401	850.01	846.5	15	53		
401	850.01	846.5				
400		846.03	18	385		
302	849.05	846.04				
301	848.37	845.75	12	53		
301	848.37	845.75				
300		844.9	15	268		
502	850.78	847.56				
501	849.6	845.98	12	319		
501	849.6	845.98				· · · · · · · · · · · · · · · · · · ·
500		844.03	15	340		

#### 6" SSD Streets:

Bear Cub Drive		3300
	x2	

#### Total:

6600

#### Other Drain:

Open Ditch	2793

**Total:** 2793

### **RCP Pipe Totals:**

12	861
15	1621
18	1541
24	163
30	231

The length of the drain due to the changes described above is now 13,810 feet.

The non-enforcement was approved by the Board at its meeting on November 9, 1998 and recorded under instrument #9809866650.

The bond or letter of credit from First of America Bank, N.A., number S981770012; dated February 23, 1998; in the amount of \$212,414.50; was released December 12, 1998.

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

Sincerely,

Kenton C. Ward, Hamilton County Surveyor

KCW/slm

# **Asbuilt Structures**

**Project:** 

**Bearslide Subdivision** 

Engineering Project #: Pendleton Consulting: S0441

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

							2/93
I	Bear Cub Drive	3300				Other Drain: Open Ditch	2793
	6" SSD Streets:		044.03	15	340		
	501	SA 049.0	845.98		2020		
	501 501	849.6 849.6	845.98 845.98	. 12	319		
	502	850.78	847.56				
	300	000 -	844.9	15	268		
		848.37	845.75				
	301	848.37	845.75	12	53		
	302	849.05	846.04				
	400		846.03	18	385		
	401	850.01	846.5	<u></u>			1
	401	850.01	846.5	15	53		
	402	850.09	847.42				
	400	850.09		15	402		
	403		848.83	·哈尔思尔的第三十 <b>名</b> :	244		
	404	853.37 853.37	849.49	12	2827 C 6 674		
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	· 102			30	50		**
y lien (TH	101	845.47	841.06	<u></u>			
345.87	101	845.47	841.06	24	163		
	200	846.57					
	200	846.57	843.1	18	545		
	201	856.2	847.65	10	210		
	203	856.2	847.65	3	215		
	204 203	853.62 855.04	850.64 848.32	12	245		
	203	855.04	848.32				
	203	855.04	848.32	18	396	7 4	
	205		849.77				
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Open	Ditch	
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Tota	l:			

#### 6600

Total:

2793

**RCP Pipe Totals:** 

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12	861
15	1621
18	1541
 24	163
30	231

Total Length of Drain:

13,810

115	4 ] [ ]	<sub>013</sub> 256th	St 39.0	201021 021 021 020.01	017 016 851 Davis 109		10.0 00.0	· 2 021.001 1 020 1 1 011 0
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Leland & Kableen	Marvin & Alwikda Whisman 79.0	Ruth K. Thomas 40.0 012 Marvin & Ahvilda	Ruth K. Thomas 60.0	And Grave 120.0 Philip	Richard & Mary Lou Walz 38.6 009 010	2 Joseph & Esther Day 75.5 015 []] Louise Weismiller	d 100000	Kenneth Miller 40.0 017 014 014 014 014 014 014
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Cars & ILowell & Stanley Bunis S 1 22.5 0 Stanley North Stanley North Stanley Joley & Sarah Soncield S 209 Eest 7.4	American Fleicher Iational Bank 30.6	Marion 8 Carol Brewer 28.4 Neil Neil McConcell 52.5 00	American Fleicher National Bank 100.0	American Felcher 002 National Bark 19-9 American Fletcher National Bark 003 40.0 American Fletcher National Bank 120.0	Marilyn S. Cox, etal cox, cox, cox, cox, cox, cox, cox, cox,	American and Fletcher National US	T Ront History	100 Control Co
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Plat Book Map Jackson Township

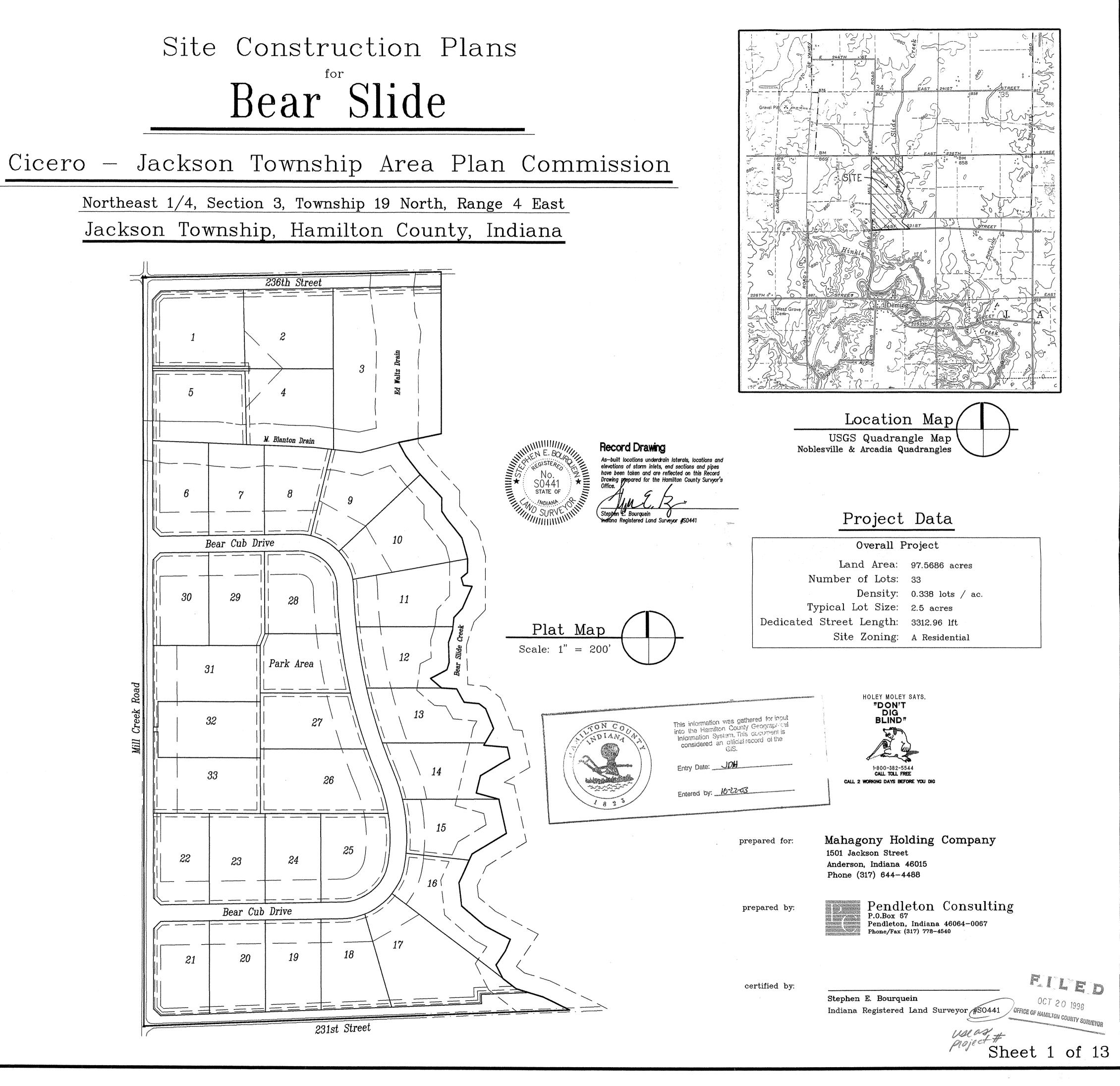
Sheet No.	Description
1	Title Sheet
2	Standard Specifications
3	Grading / Development Plan South Area
4	Grading / Development Plan Middle Area
- 5	Grading / Development Plan North Area
5a	Storm Profile / Stream Profile
6	Street Plan - Profile: Bear Cub Drive 0+00 - 12+00
7	Street Plan - Profile: Bear Cub Drive 12+00 - 23+50
8	Street Plan - Profile: Bear Cub Drive 23+50 - 33+12.96
8a	Street Cross Sections
8b	Intersection Détails
9	Standard Details
10	Erosion Control Plan South Area
11	Erosion Control Plan Middle Area
12	Erosion Control Plan North Area
13	Erosion Control Details
	Traffic Control Plan
	· ·

ssue No.	Date	Description
1	11/14/97	Initial plan review by Hamilton Co, Cicero
2	12/18/97	2nd Review by Cicero / Hamilton County.
3	1/8/98	3rd Review by Cicero / Hamilton County. FINAL PLANS
4	1/13/98	4th Review by Cicero / Hamilton County. FINAL PLANS

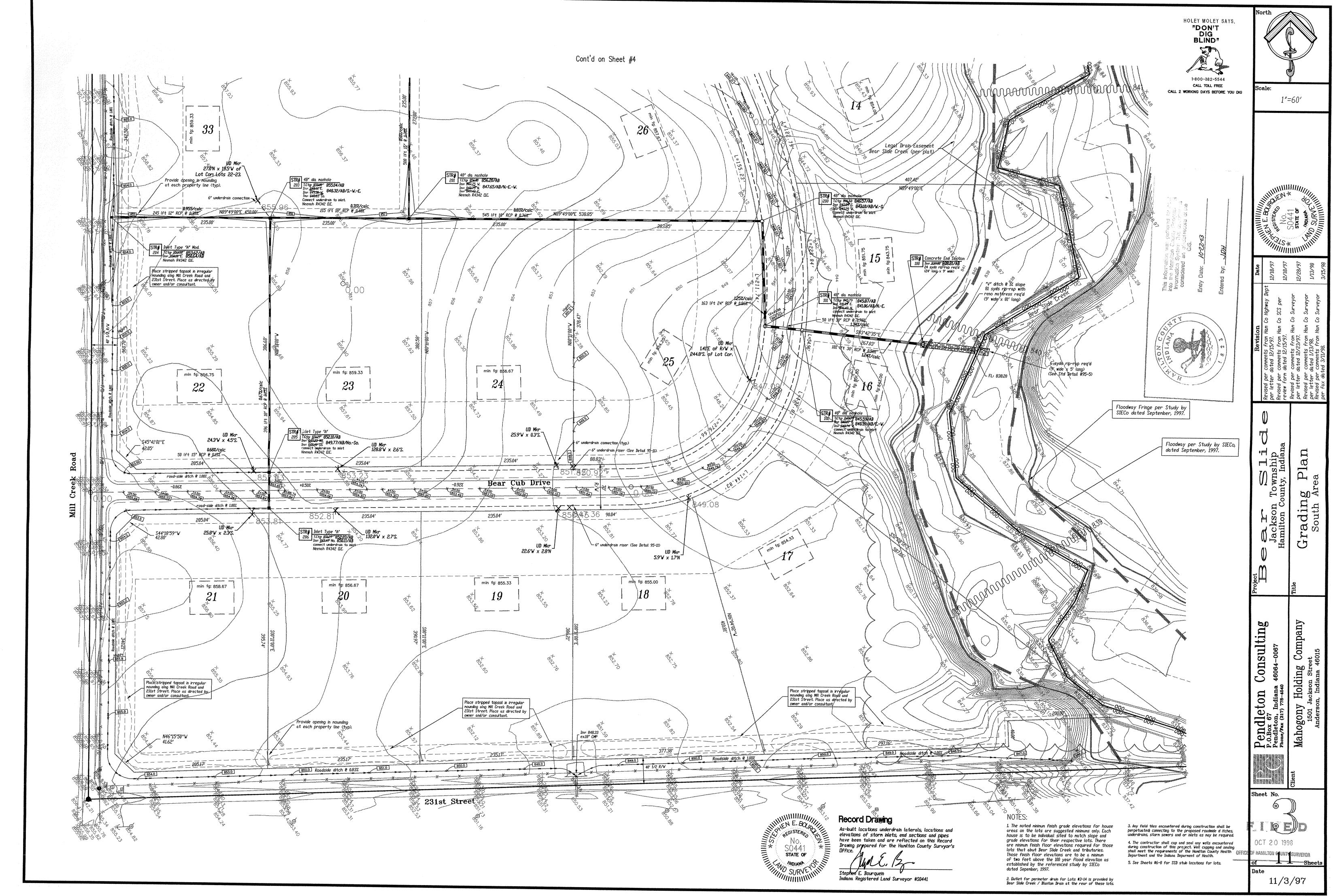
Sheet No.	Date	Description
2–13	12/18/97	Revised per comments from Ham Co. Highway Dept per letter dated 12/15/97.
2-13	12/18/97	Revised per comments from Ham Co SCS per letter dated 12/15/9
2-13	1/8/98	Revised per comments from Ham Co Highway Department per lette dated 1/5/1997.
1,4,5	1/12/98	Revised per comments from Ham Co Planning Dept dated 1/12/98
3-6, 10	1/13/98	Revised per comments from Ham Co Surveyor's Office per letter dated 1/13/1998.
3-5,9	1/21/98	Revised per comments from Ham Co Surveyor's Office per letter dated 2/20/1998.
3,4,9a	3/15/98	Revised per comments from Harn Co. Highway Dept per fax dated 3/11/98.

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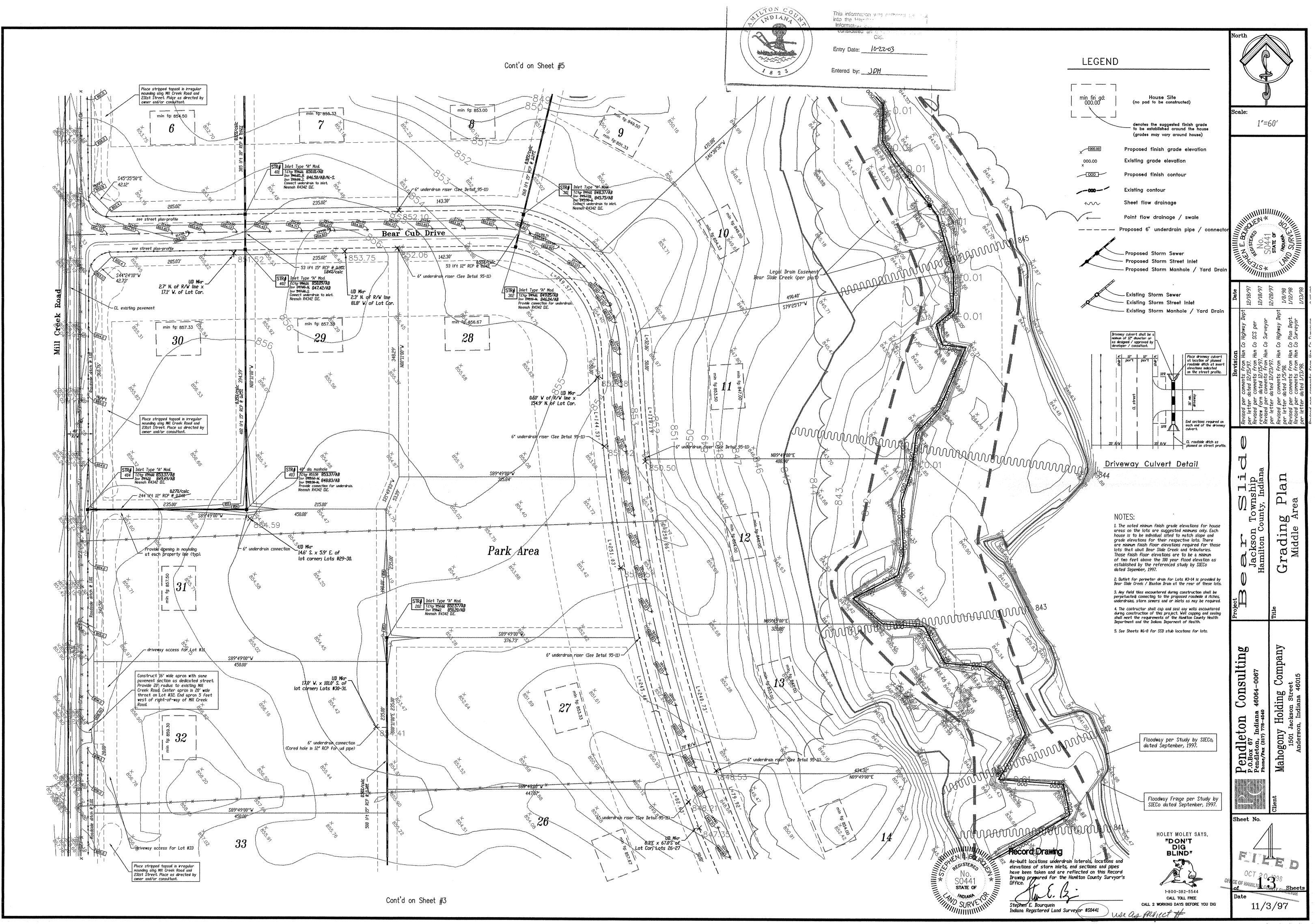
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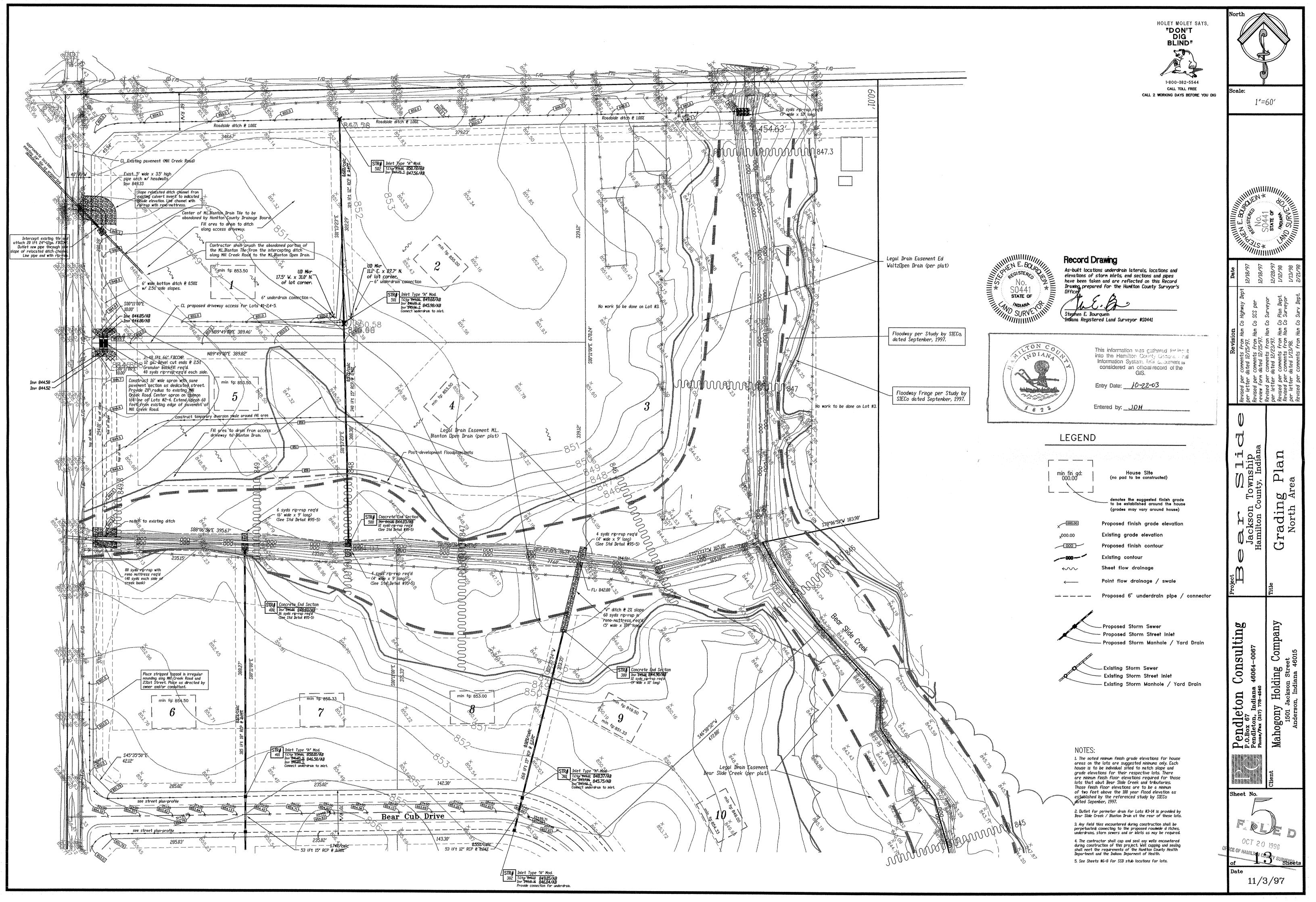


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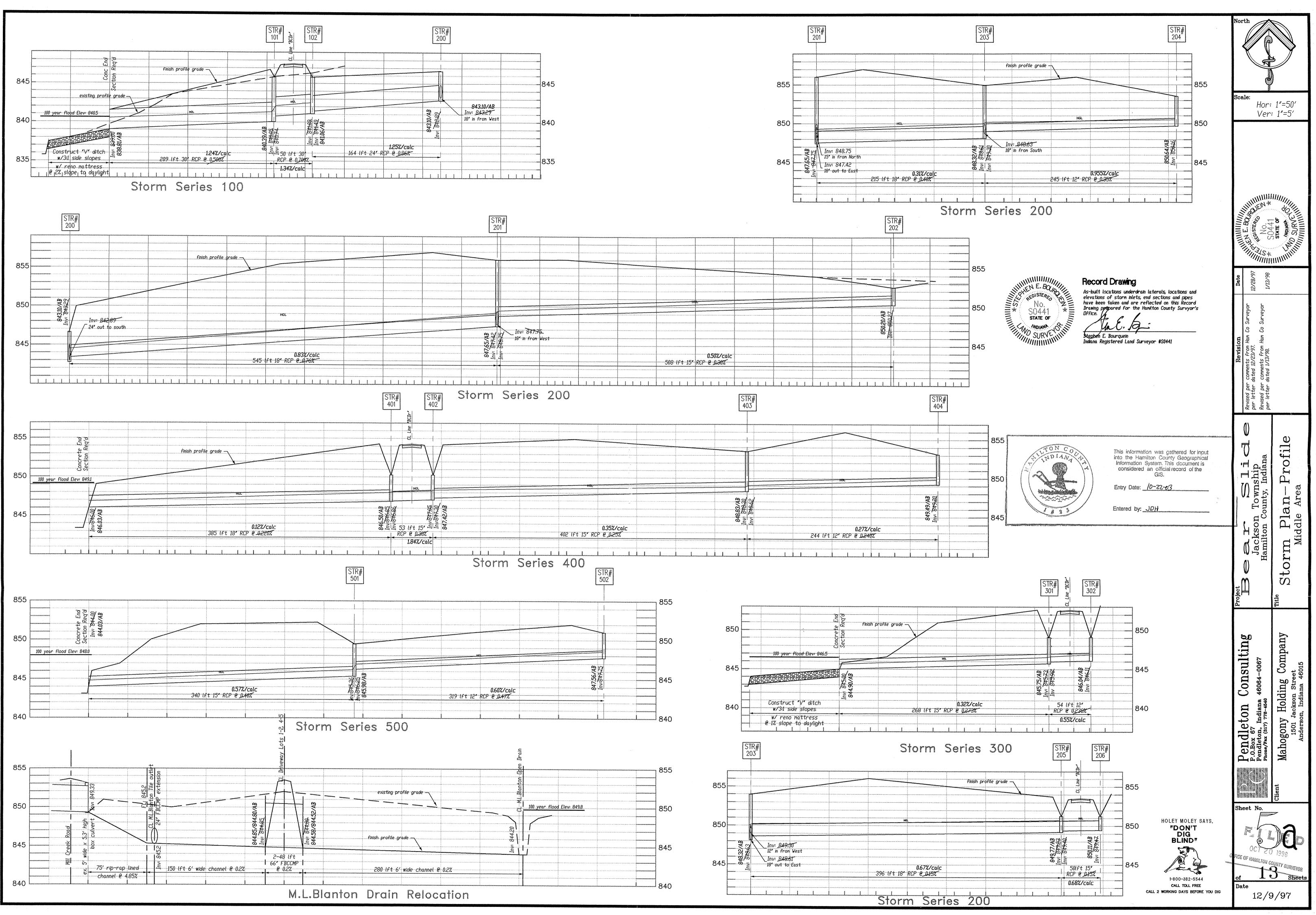


NI GRAPHICS FOR FAST COPIES 842-3





RINT GRAPHICS FOR FAST COPIES 842-3191





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: #303 Bearslide	Drain Length:	13,839 Fect
Drain Name: Bearslide Sec. 1	Change + / - :	-530 feet
Date: 17-8-06	New Length:	13,309 Feet
Verified By: SAB		,

Notes & Sketch: The ssd under the curb running into structures 401;402 was never installed. See the attached Map.

Suzanne L. Mills

GIS Specialist

