## Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: \_\_\_\_OF Henly: Saddle Creek Sec. 10 (9) Relocation

		Length	Length	Length		
Drain Type:	Size:	Final Report	(DB Query)	Reconcile	Price:	Cost:
Twin RCP	54 "	144 '	144'	×		
RCP	12"	491'	491'	ø		
Open Ditch		590'	590'	ø		
+ Cmp	18 "	20'	20'	ø		
					· · · · · · · · · · · · · · · · · · ·	
	Sum:	1245	1245'	ø		Bond
Final Report:						
Comments: <u># Cmp outle</u> 1	- Bar . n	shall be a st	archico			



August 12, 2002

To: Hamilton County Drainage Board

Re: O. F. Henley Drain

Attached is a petition and plans for the proposed relocation of the O. F. Henley Drain. The relocation is being proposed by Ditch Road Properties, LLC. The proposal is to reconstruct the O. F. Henley Drain through Saddle Creek from the south line of Tract 17-09-21-00-003.000 to the west line of Saddle Creek Section 9, at which point it will connect to an existing storm sewer.

The line will consist of the following:

Open Ditch (Lakes 4 & 5)	500 ft	18" CMP	20 ft
12" RCP	495 ft	Twin 54" RCP	156 ft

The total length of new tile shall be 1,171 feet. The 1,150 feet of original drain between approximately Sta 34+50 and approximately Sta 46+00 shall be vacated. This proposal will add an additional 21 feet to the drains total length.

The cost of the relocation is to be paid by Ditch Road Properties, LLC. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition.

The petitioner has provided the Performance Bond as follows:

Name of Bonding Co.:	Golf Insurance Company
Bond No.:	B21857075
Bond Date:	June 28, 2002
Bond Amount:	\$307,570.00

I recommend approval by the Board at this time.

Sincere

Kenton C. Ward Hamilton County Surveyor

KCW/llm

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#### CERTIFICATE OF COMPLETION AND COMPLIANCE. Saddle Creek, Sections 10 & 11

Address of premises on which

land alteration was accomplished 141st Street & Towne Road

Inspection Date(s): \_\_\_\_\_ Permit No.

Relative to plans prepared by: Stoeppelwerth and Associates, Inc.

on March 9 , 2002 .

I hereby certify that:

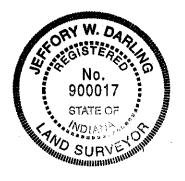
To the best of my knowledge, information and belief such land alteration has been performed and completed in conformity with the improved plan, except \_\_\_\_\_

Date: December 20, 2002 Signature Typed Name: Deffory W. Darling Phone: (317 849-5935

Business Address 9940 Allisonville Rd., Fishers, Indiana 46038

Surv. X Engr. Arch. Indiana Registration No. RLS # 900017

(SEAL)

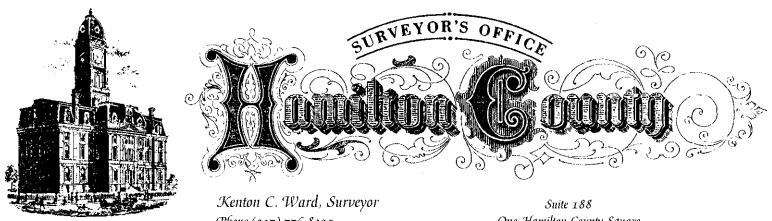


#### 10265COM/IWP/FORM

- 10 M 8)

DEC 23 2002

OFFICE OF HAMILTON COUNTY SURVEYOR



Phone (317) 776-8495 Fax (317) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

#### To: Hamilton County Drainage Board

October 29, 2004

### Re: OF Henley Drain: Saddle Creek Sec. 10 Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Section 10. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated August 12, 2002. The report was approved by the Board at the hearing held August 26, 2002. (See Drainage Board Minutes Book 6, Pages 435-436) The changes are as follows:

Structure:		т.с.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
	806		899.84					
	805	903.01	899.56	12	93	0.31	97	-4
	805	903.01	899.56					
	EX1	903.14	898.24	12	398	0.33		
	816		899.95					
	815		899.94	2-54"	144	0	156	-12
RCP Pipe Totals:		<b>.</b>					Other Drain:	
	12"	491	]				Open Ditch	590
	2-54"	144	]				18" Cmp	20
Total:		635					Total:	610

The length of the drain due to the changes described above is now 1245 feet.

The non-enforcement was not obtained as the drain resides in common area and road right of way.

The following sureties were guaranteed by Gulf Insurance Company and released by the Board on its October 11, 2004 meeting.

Bond-LC No: B21857075 Insured For: Storm Sewers, SSD, Eroision Control & Monumentation Amount: \$307,570 Issue Date: June 28, 2002

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

Sincerely,

Kentón Č. Ward, / Hamilton County Surveyor

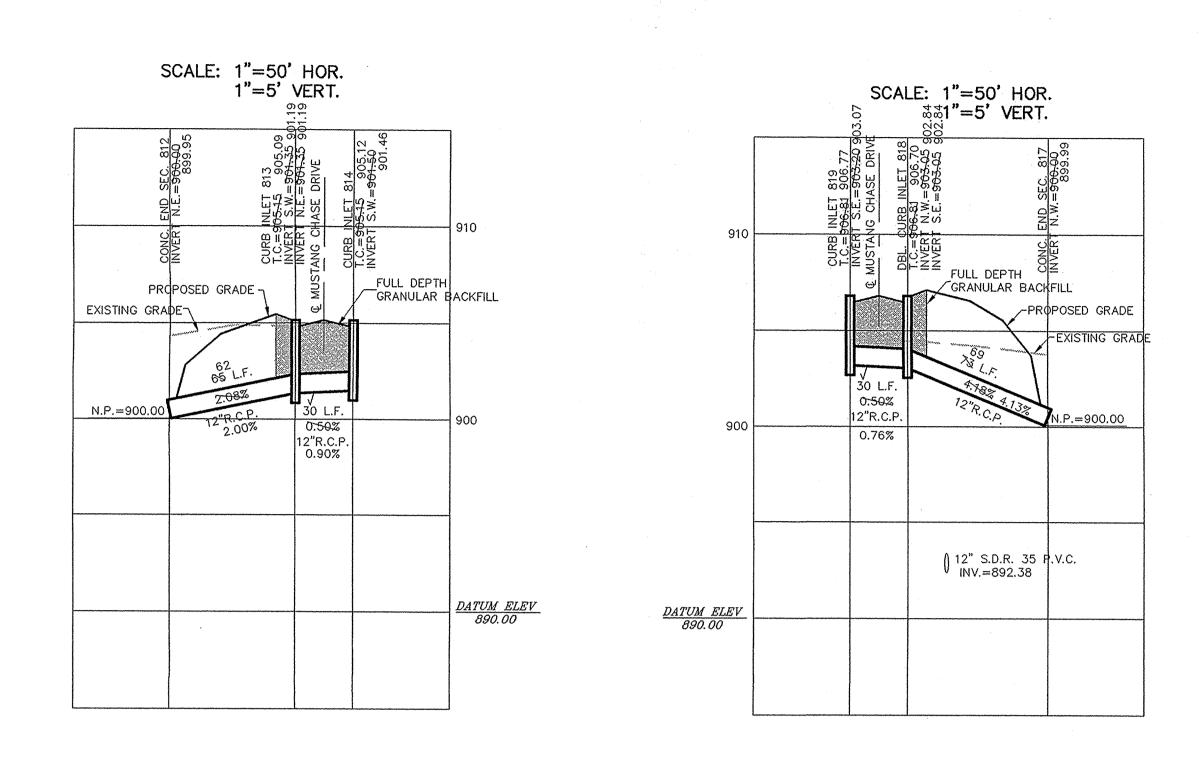
KCW/slm

## GASB 34 – Value Calculations

#### Saddle Creek Sec. 10 & 11

Bond Amount: \$307,570.00 - (\$16,570.00 for Monuments) = \$291,000.00 Drain Footage:OF Henley Drain: 1245 feet Saddle Creek Sec. 10,11: 12,467 feet Stultz & Almond: 1304 feet Total Drain: 15,016 feet

**OF Henley Drain:** 0.08(291,000) = \$23,280.00 **Saddle Creek Sec. 10,11 :** 0.83(291,000) = \$241,530.00 **Stultz & Almond:** 0.09(291,000) = \$26,190.00



# CURB INLET TABLE

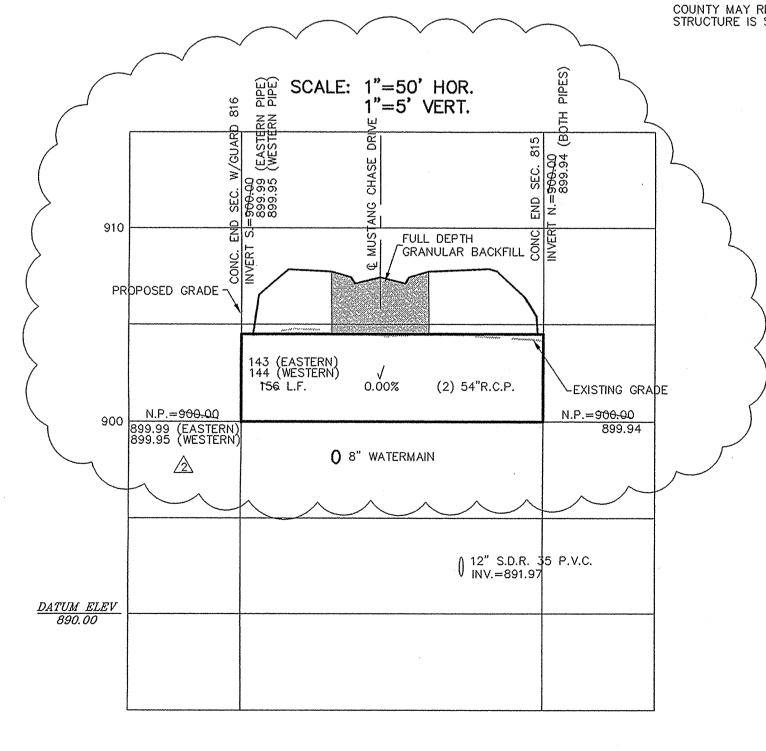
STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURE CASTII *R-35
2'×2'		DESIGN APPROVAL	No	Yes
	мн/вох	DESIGN APPROVAL	Yes	Yes
2'×3'*		DESIGN APPROVAL	No	No
DESIGN APPROVAL		DESIGN APPROVAL	No	No
	мн/вох	DESIGN APPROVAL	Yes**	Yes
	LESS THAN 48" FROM T/C TO INVERT 2'x2' 2'x3'* DESIGN	LESS THAN 48" FROM T/C TO INVERTGREATER THAN 48" FROM T/C TO INVERT2'x2'MH/BOX2'x3'*MH/BOXDESIGN APPROVALImage: Constraint of the second secon	LESS THAN 48"GREATER THAN 48" FROM T/C TO INVERTQUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN DESIGN APPROVAL2'x2'DESIGN APPROVAL2'x2'DESIGN APPROVAL2'x3'*DESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVALDESIGN APPROVAL	LESS THAN 48" FROM T/C TO INVERTGREATER THAN 48" FROM T/C 

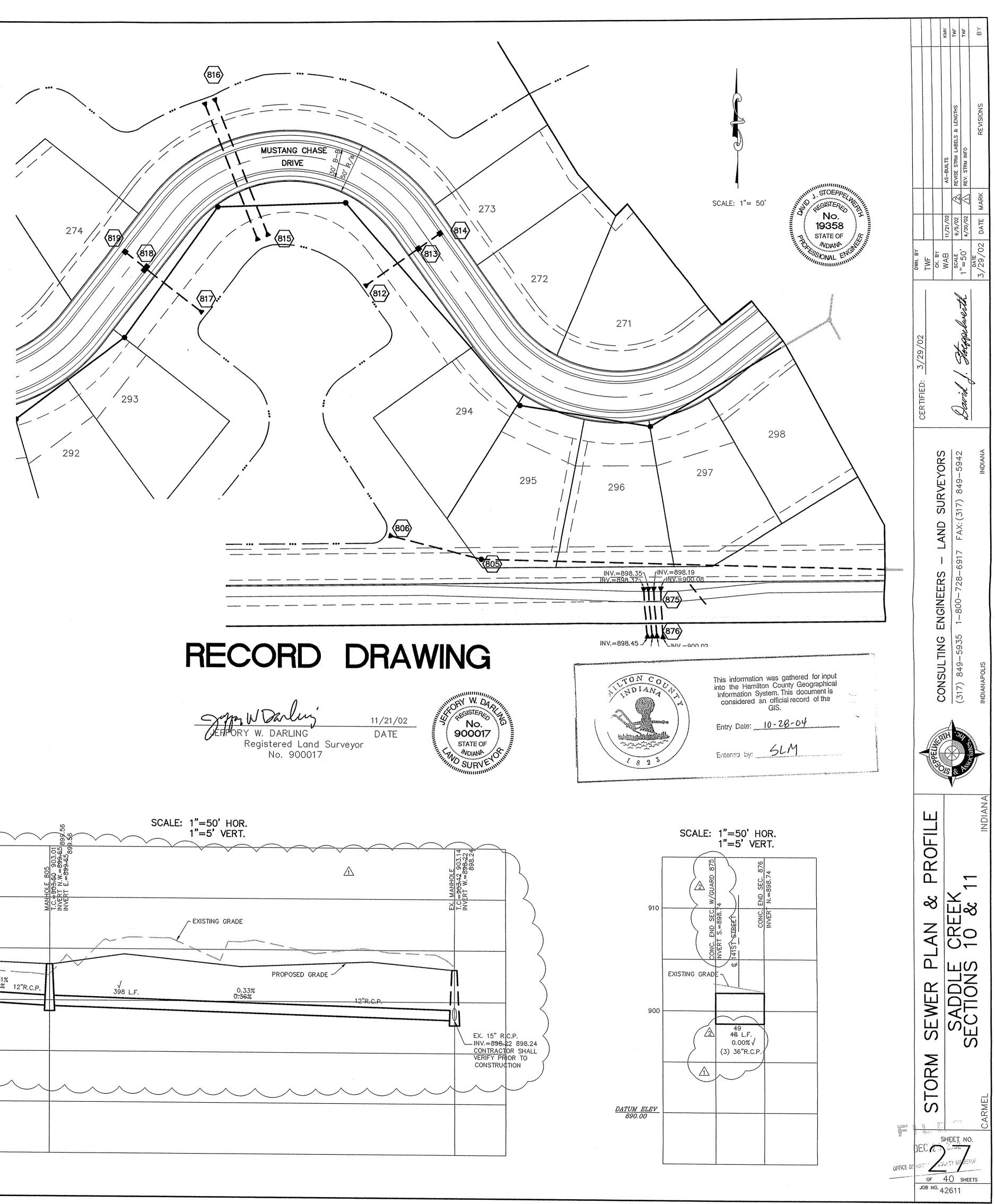
\* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX \*\* INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

# SPECIAL NOTE: STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

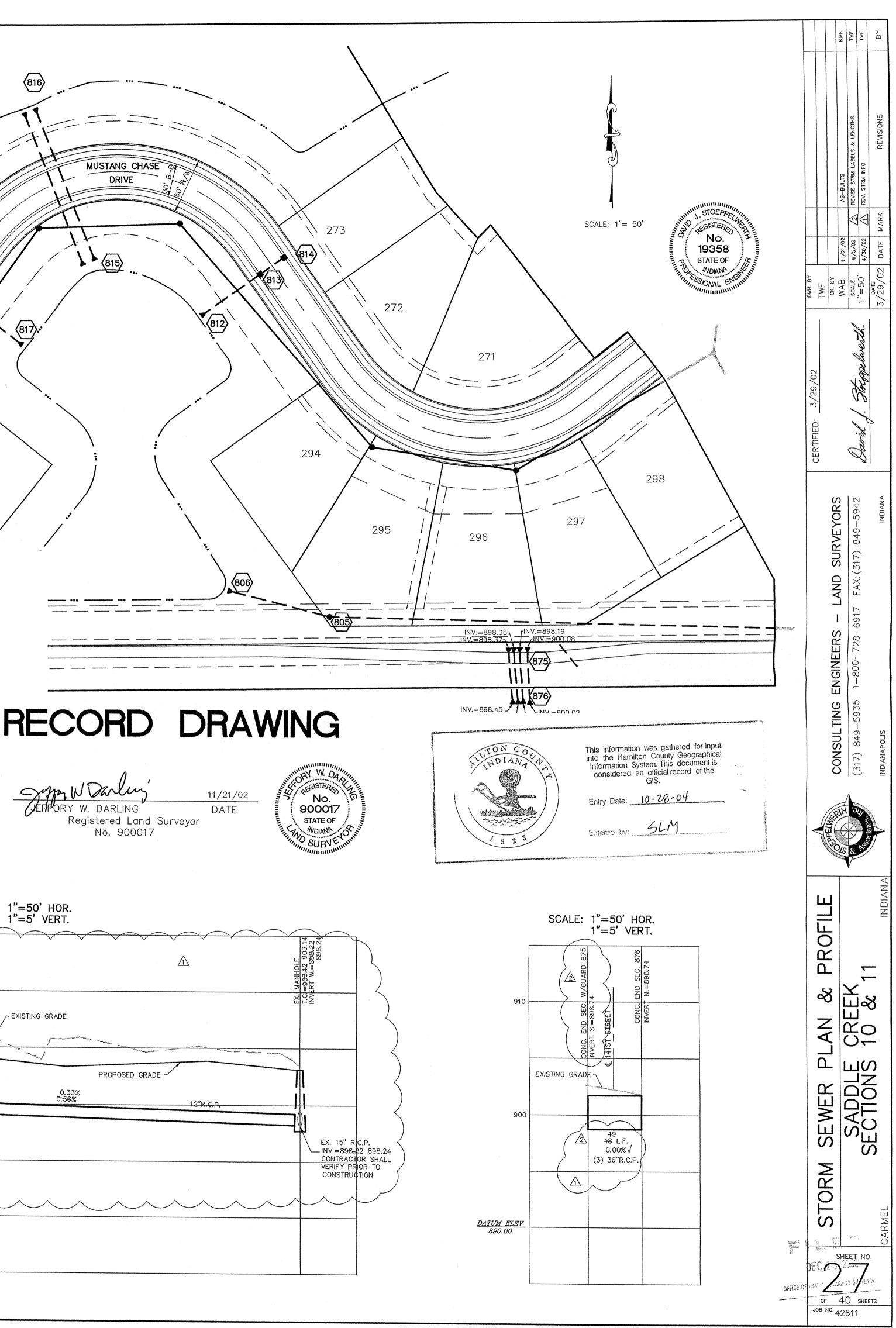
SPECIAL NOTE: STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

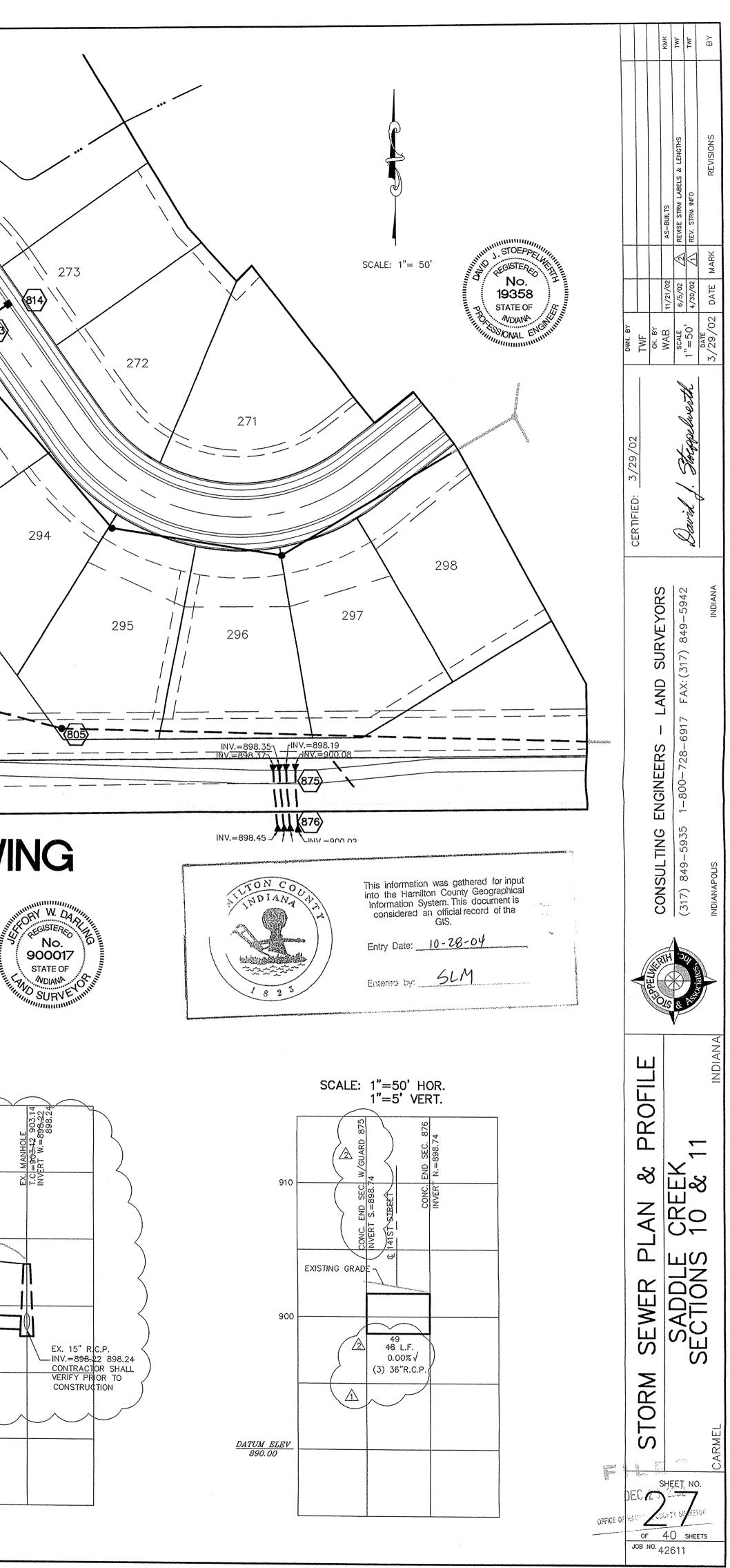
SPECIAL NOTE: COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.





# CASTING \*3501 TL & TR RB TING 3501 N Yes Yes Yes Yes Yes





(2) c 910 93 0.31% 97 L.F. 0.36% 12"R.C.P. N.P.=900.00 900 <u>DATUM ELEV</u> 890.00