Drain: CROOKED CREEK ORAIN	Drain #: 750
Improvement/Arm: <u>7HK UIL</u>	LAGES AT WESTON PLACE - SECTION 2
Operator: JDH	Date: /2-4-03
	ban/Rural Year Installed: / १९%

GIS Drain Input Checklist

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

GA 12-4 24 12-Y 72-4 974 12-4 994.12-4 179.12-4 12-12

Gasb 34 Footages for Historical Cost Drain Length Log

a solution and the second s Length SURVEYERS REPORT Length Length Drain Type: Size: (DB Query) Reconcile Price: Cost: 6" <u>5758.62</u>' SSO 5,258.62' ø 254' RCP 12" <u>z</u>54' Ý 15" 331 331' Ø 218,51 18" 218.5" Ø 410' 244 4101 Ø 299' 27" 299, ø 304 428 428' Ø 334 292' 292' ď 36" 291' 291' ø

Drain-Improvement: CROKED CREAK ACAIN - THE VILLAGES AT WESTON PLACE -SECTION Z

Sum:

7,782.12 7,782.12 Ø

Final Report:

Comments:



Fax (317) 776-9628

Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

RE: Crooked Creek Drain-The Villages @ Weston Place-Section 2

Attached is a petition, non-enforcement request, plans. calculations, quantity summary and assessment roll for the Weston Place-Section 2 Arm-Crooked Creek 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	5036	ft	27"	RCP	- 332 f	Et
12"	RCP	253	ft	30"	RCP	430 f	Et
15"	RCP	421	ft	33"	RCP	294 f	Ēt
18"	RCP	225	ft	36"	RCP	291 f	Et
24"	RCP	412	ft				

The total length of the drain will be 7,694 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 of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

Page #2

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 \$ $//86.95^{--}$.

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 The Villages @ Weston Place-Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 22, 1996.

Kenton C./Ward Hamilton County Surveyor KCW/no/

STATE OF INDIANA)) COUNTY OF HAMILTON)

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

In the matter of <u>Village at Weston Place</u> Subdivision, Section <u>Two</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>The Park & Weston Place</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 benefitted thereby. Petitioner 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:

- 1. 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.

- 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 reproducible 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 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.

Signature

STEVE RANSHAW - PROJECT MANAGER Kenneth R. Brasseur - Vice-President

Printed Name

Signed

Printed Name

RECORDED OWNER (S) OF LAND INVOLVED

DATE_____

FORM\HCDRAIN2



CONSULTING ENGINEERS

SURVEYORS



김 김 선생님 가슴을 걸었다. 관계로 한 것으로 다른 것들이 일어졌다.

R.M. Stoeppelwerth, PE, PLS • David J. Stoeppelwerth, PE, PLS • Curtis C. Huff, PLS • Dennis D. Olmstead, PLS • Jeffory W. Darling, PLS

February 23, 1996

Hamilton County Surveyor 1 Hamilton County Square, Ste 146 Noblesville, IN 46060-2230

LAND

Attention: Kent Ward

Re: Engineer's Estimate Storm Sewer System & Monumentation The Village at Weston Place, Section 2

Dear Mr. Ward:

On behalf of the developers, Estridge Development Company, I wish to submit the following Engineer's Estimate of the storm sewer system and monumentation for The Village at Weston Place, Section 2.

Storm sewer system including pipe, inlets, manhole end sections, subsurface drains, rip-rap, bedding and backfill		24,400
Erosion Control	\$	3,000
Monuments & Markers	1.1.1.1.1	<u>3,300</u> 30,700

If you have any questions regarding this estimate, please contact Dennis Olmstead at 849-5935.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.

Storppelmenth

R.M. Stoeppelwerth, P.E., P.L.S.

cc: Steve Ranshaw, Estridge Development Co.

DDO96/19584A

OFFICE OF HAMILTON COUNTY SURVEYOR

FEB 2 9 1996

This copy printe 29 AVAII 1998 H& Read in POOP 98 50 PAR Third price of the United Participation of the United Par

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Crooked Creek DRAIN The VIllages @ Westin Place Section 2

On this <u>22nd day of July 1996</u> the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the <u>Crooked Creek</u> <u>DRAIN</u>. 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 assessments will be less than the benefits to the landowners and issues this order declaring that this <u>Maintenance Fund be</u> <u>established</u>.

HAMILTON COUNTY DRAINAGE BOARD President

Member

Secretary rative Revised 12/95

5650 S. BRAINARD, LA GRANGE, ILLINOIS 60525 708/352-6282

TONCIES INSURANCE COMPANY

MONTICELLO, NEW YORK (A Stock Company)

INCORPORATED



SUBDIVISION BOND

Bond No.: 89106

Principal Amount: \$124,400.00

6-11-96

KNOW ALL MEN BY THESE PRESENTS, that we K. - E. PROPERTIES, LLC as Principal, and FRONTIER Carmel, IN 46032 1041 West Main Street 195 Lake Louise Marie Road Rock Hill, NY 12775-8000 a New York Corporation, INSURANCE CO. as Surety, are held and firmly bound unto <u>HAMILTON COUNTY BOARD OF</u> COMMISSIONERS in the penal sum of 1 Hamilton County Sq., Ste. 146 Noblesville, IN 46060-2230 One Hundred Twenty Four Thousand Four Hundred and 00/100 ------ (Dollars) (\$124,400.00 -----), lawful money of the United States of America, for the payment of which well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents. WHEREAS, K. - E. PROPERTIES, LLC has agreed to construct in VILLAGE AT WESTON PLACE Subdivision, HAMILTON COUNTY BOARD OF COMMISSIONERS the following in improvements: Storm Sewer System Including Pipe, Inlets, Manhole End Sections, Subsurface Drains. Rip-Rap, Bedding and Backfill



TONCIEL INSURANCE COMPANY

MONTICELLO, NEW YORK (A Stock Company)

SUBDIVISION BOND

Bond No.: 89107

Principal Amount: \$3,000.00

•	1. St. 1.		
KNOW ALL MEN BY THESE PRE	SENTS, that we	K. – E. PROPE	RTIES, LLC
1041 West Main Street Carmel, IN	46032 as	Principal,	and FRONTIER
195 Lake Louise Ma INSURANCE CO. Rock Hill, NY 1277	rie Road 5-8000_ a <u>New</u>	York	Corporation,
as Surety, are held and fir	mly bound unto	HAMILTON COU	NTY BOARD OF
1 Hamilton County Sq., Ste. 146	in	the penal s	sum of
Noblesville, IN 46060-2230 Three Thousand and 00/100			
(\$ <u>3,000.00</u>), lawful			
for the payment of which we	and truly t	o be made, n	we bind
ourselves, our heirs, execu	tors, administ	rators, suc	cessors and
assigns, jointly and severa	ally, firmly by	these pres	ents.
WHEREAS, <u>K E. PROPERTI</u>	ES, LLC		. <u></u>
has agreed to construct in	VILLAGE AT WESTON	PLACE	_ Subdivision,
in <u>HAMILTON COUNTY</u>	SECTION 2		
improvements:			
Erosion Control			
· · · · · · · · · · · · · · · · · · ·			
	<u> </u>		
	·····		

CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which

land alteration was accomplished Northeast Corner 106th Street and Michigan Road

Inspection Date(s):_____Permit No._____

Relative to plans prepared by: <u>Stoeppelwerth and Associates, Inc.</u>

on<u>11/20</u>, 1995.

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 <u>Swale Lots 107-110, 55-56</u>

Tacpelivito Date: 10-24-96 Signature Van

Typed Name: <u>David J. Stoeppelwerth</u> Phone: (317 849-5935

Business Address <u>9940 Allisonville Rd., P.O. Box 509007</u> Indianapolis, In. <u>46250</u>

Surv. x Engr. Arch. Indiana Registration No. S0474 R.L.S.

(SEAL)



10265COM/IWP/FORM

:



OCT 2.5 1996

OFFICE OF HAMILTON COUNTY SURVEYOR



Fax (317) 776-9628

One Hamilton County Square Noblesville. Indiana 46060-2230

To: Hamilton County Drainage Board

September 3, 1997

Re: Crooked Creek Drain - Villages @ Weston Place Sec. 2

Attached are as-builts, certificate of completion & compliance, and other information for The Villages @ Weston Place Sec. 2. 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 June 15, 1996. The changes are as follows:

Str.913-914 12"RCP lengthened from 193' feet to 194' feet.

Str.903-904 30"RCP shortened from 189' feet to 187' feet.

Str.912-913 18"RCP shortened from 132' feet to 121' feet.

Str.913-915 15"RCP lengthened from 206' feet to 218' feet.

Inlet-897 18"RCP at 7.5' feet was additional structure installed during construction.

Str.897-896 27"RCP shortened from 140' feet to 139' feet.

Str.898-899 15'RCP shortened from 43' feet to 41' feet.

Str.909-908 was incorrectly reported as 172' feet of 15"RCP. This structure is 72' feet of 15"RCP.

Str.908-907 18"RCP shortened from 93' feet to 90' feet.

Str.904-911 24"RCP shortened from 294' feet to 292' feet.

The corrected total of 6"SSD is 5,258 feet.

0.787.1

The length of the drain due to the changes described above is now 7,782 feet.

The non-enforcement was approved by the Board at its meeting on April 23, 1996 and recorded under instrument #9609634779.

The bond or letter of credit from Frontier Insurance Co, number 89106 for storm sewer and subsurface drain and 89107 for erosion control ; dated June 11, 1996; in the amount of \$124,000.00 and \$3,000.00; has been recommended for release in a letter to the Commissioners dated August 25, 1997.

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

Sincerely,

Kenton C. Ward, Hamilton County Surveyor

KCW/slm



Asbuilt Structures

I.E.:

Project: Crooked Creck Drain - Villeges @ Waston Pace - Se 2

Structure:

н : "

T.C.:

Pipe: Length: Original Plans: Difference:

913	898.70	894.72	······	·		
914		897.28	12"	194.	FROM 193'	
898	900.48	894.04				
901	898,71	894.44	33'	1161		
901	898.71	894.44				
903	898.70	894.87		211'		
903	898.70	894.87				
904	899.19	895.44	30"	187'	FRM 189'	
911	899,60	896.28				-
912	899.75		24"	31.		1
912	899,75	896.37				· · · · · · · · · · · · · · · · · · ·
913	898.70	896.72	18"	121'	FRM 132'	
913	898.10	896.72				-
915	-	897.36	15"	218'	FRM 206'	
INLE7		896.49				
	891,84	894.69	18"	7.5 1	additional	Structure
897	897.84	894.69				
396 B	898,92	894.27	27"	139'	FRM 140	

6" SSD Streets:

Total:

RCP Pipe Totals:

Total Length of Drain:

6" SSD Lots:

Total:

Other Drain:	

PAGE 2

Asbuilt Structures

۰.

4

	Proiect:	Changel		W Du	in - Villages Q	11) - E	1
Structure:	T.C.:		Pipe:		Original Plans:	•	-
894	898,92	894.27	Γ	T	<u></u>		Ъ
895		894.17	30"	30'1	,	+	-
895		894.17		++		+	-
Ext	eA7.57	893.30	36"	291'			-
Ext 818	897.57	893.30			••••••••••••••••••••••••••••••••••••••		-
	900.48		33"	176'			-
898	900.48	894.50				1	1
899	898.69	895,06	15 "	411	FRM 43'	- <u> </u>	1
899	818.69	895.04				*	1
900		895.31	12"	30' -	· · · · · · · · · · · · · · · · · · ·		1
402		894.24				1	•••]
901		894.66	12"	30'	/		1
909	B99.0	896.67				1	1,
908	899.58	896.46	1S"	7z' +	incorrecth	Reported as	172
908	899.58				·	17	1 -
907	899.54	896.19	18"	90'	FRM 93'		1
907	899.54	896,19		T	·····	1	1
106	899,43	896.10	24"	31' /	-		1
6" SSD Streets:				1	6" SSD Lots:		-
		[Г		Τ	٦
				Г		1	1
				Γ		1	1
				Г		1	1
				Γ		1	1
				Γ		1	1
				Г			1
		l		[-
Total:					Total:		_
RCP Pipe Totals:		_		_			-
						1	7
				[1	1
				Γ			1
				1	Other Drain:	1	1
				ľ		1	1
				l"		1	1
				F			-
				^		+	-
		1		L		<u></u>	,l
	Total Le	ngth of D	rain:			_	

PRCE 3

Asbuilt Structures

Project: Crooked Creek Drain - Villeys @ Waston Place Se Z

Structure:

- e. F

T.C.: I.E.:

Pipe: Length: Original Plans: Difference:

406	899,43	896.10				
905	899.3B	895.73	24 "	56'		
905	899,38	895.93				
904	899.19	895.45	27"	160'	-	····
904	899.19	895.44				
<u> </u>	899.00	896.28	24"	292	FRA 294'	
					· · · · · · · · · · · · · · · · · · ·	
		[·				
· · · · · · · · · · · · · · · · · · ·	<u>† – – – †</u>					
	<u> </u>					
	<u> </u>	·				

6" SSD Streets:

Bunker Hil	428.59
Constitution	1935.72
Const. Cullesic	265

6" SSD Lots:

Total:

2629.31×2=5258.62

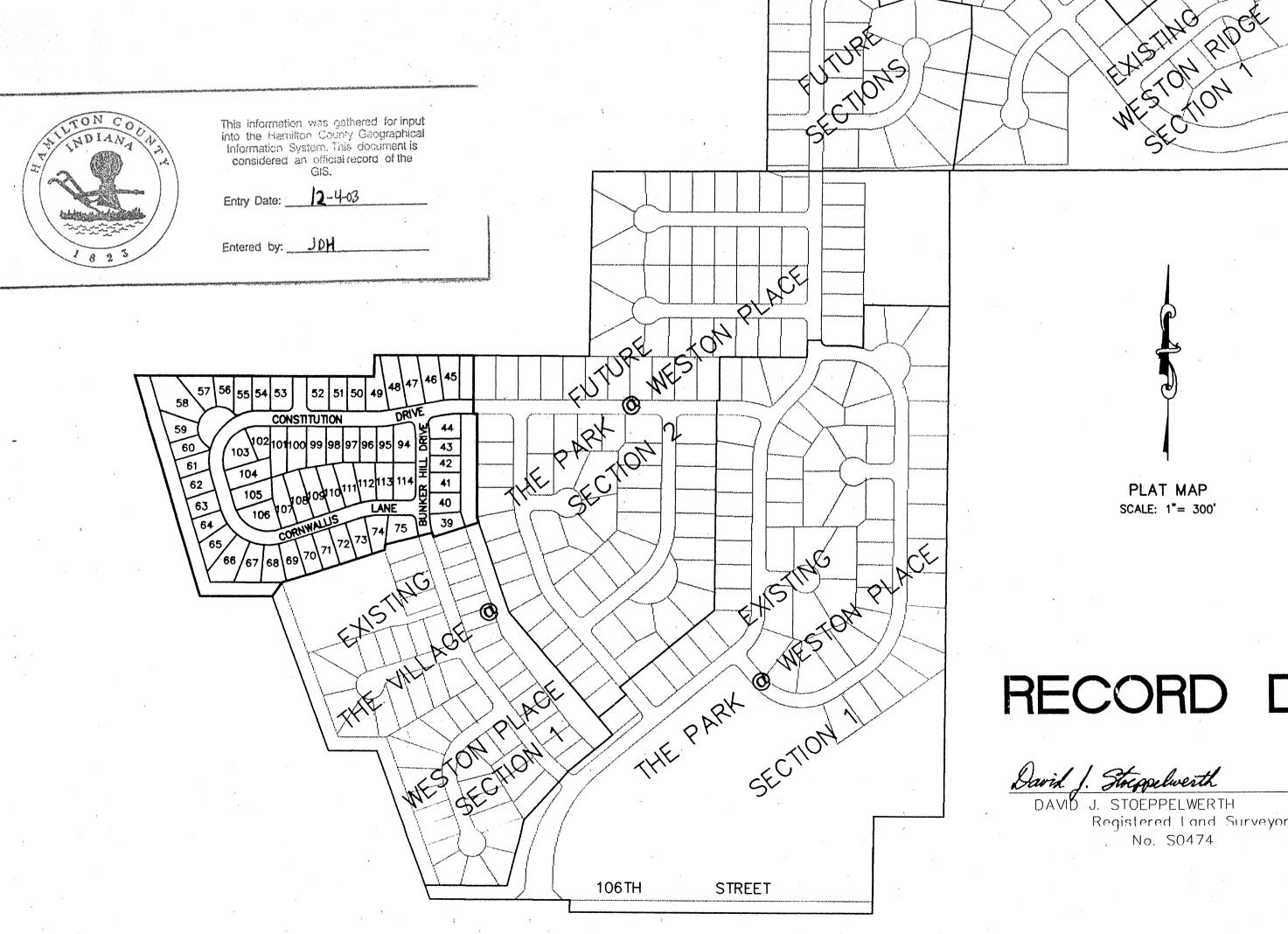


RCP Pipe Totals:

Nor ripe totals.	
12" 254' Olum	
15" 331 okub	
18" 218,50 Nem	
24' 410' 04-7	Other Drain:
27" 299'	
30" 428'	
33" 292'	
36" 291' = 2523.5	
Total Length of Drain:	(-7782)

LOCATION MAI

Developed by:



INDEX				
SHT.	DESCRIPTION			
1	COVER SHEET			
2	SITE DEVELOPMENT PLAN			
3	EROSION CONTROL PLAN			
4	STREET PLAN & PROFILE			
5	STREET PLAN & PROFILE			
5A	TRAFFIC CONTROL PLAN			
6	INTERSECTION DETAILS			
7	SANITARY SEWER PLAN & PROFILES			
8	SANITARY SEWER PLAN & PROFILES			
9	STORM SEWER PLAN & PROFILES			
10	STORM SEWER PLAN & PROFILES			
11	CONSTRUCTION DETAILS			
12	CONSTRUCTION DETAILS			
13	CONSTRUCTION DETAILS			

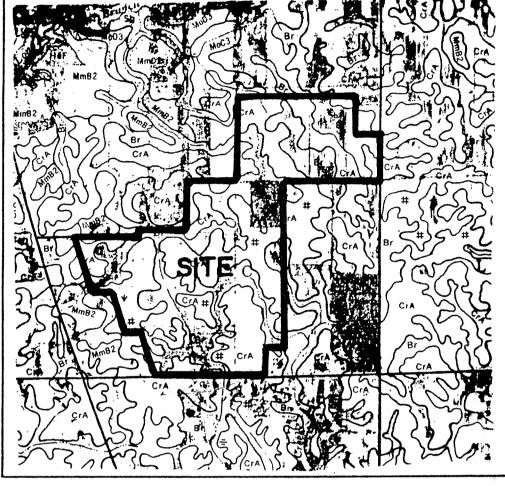
REVISIONS

	SHT.	DESCRIPTION			
	ALL	REV. PER T.A.C. COMMENTS 12/28/95 EEF			
	5A	ADD TRAFFIC CONTROL PLAN 1/16/96 EEF			
l					

THE VILLAGE @ WESTON PLACE SECTION TWO

ESTRIDGE DEVELOPMENT COMPANY, INC. 1041 WEST MAIN STREET CARMEL, INDIANA 46032 (317) - 582 - 2437

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060



DESIGN DATA

58 LOTS 17.521 AC. BUNKER HILL DRIVE CORNWALLIS LANE CONSTITUTION DRIVE MONITOR LANE

3.31 LOTS/ACRE

412.86 L.F. 1013.62 L.F 907.10 L.F. 130.00 L.F.

PLANS PREPARED BY:

STOEPPELWERTH & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 9940 ALLISONVILLE ROAD P.O. BOX 509007 INDIANAPOLIS, INDIANA 46250 PHONE: (317)-849-5935 FAX: (317)-849-5942



No.

S0474

STATE OF

10123/94

DATE

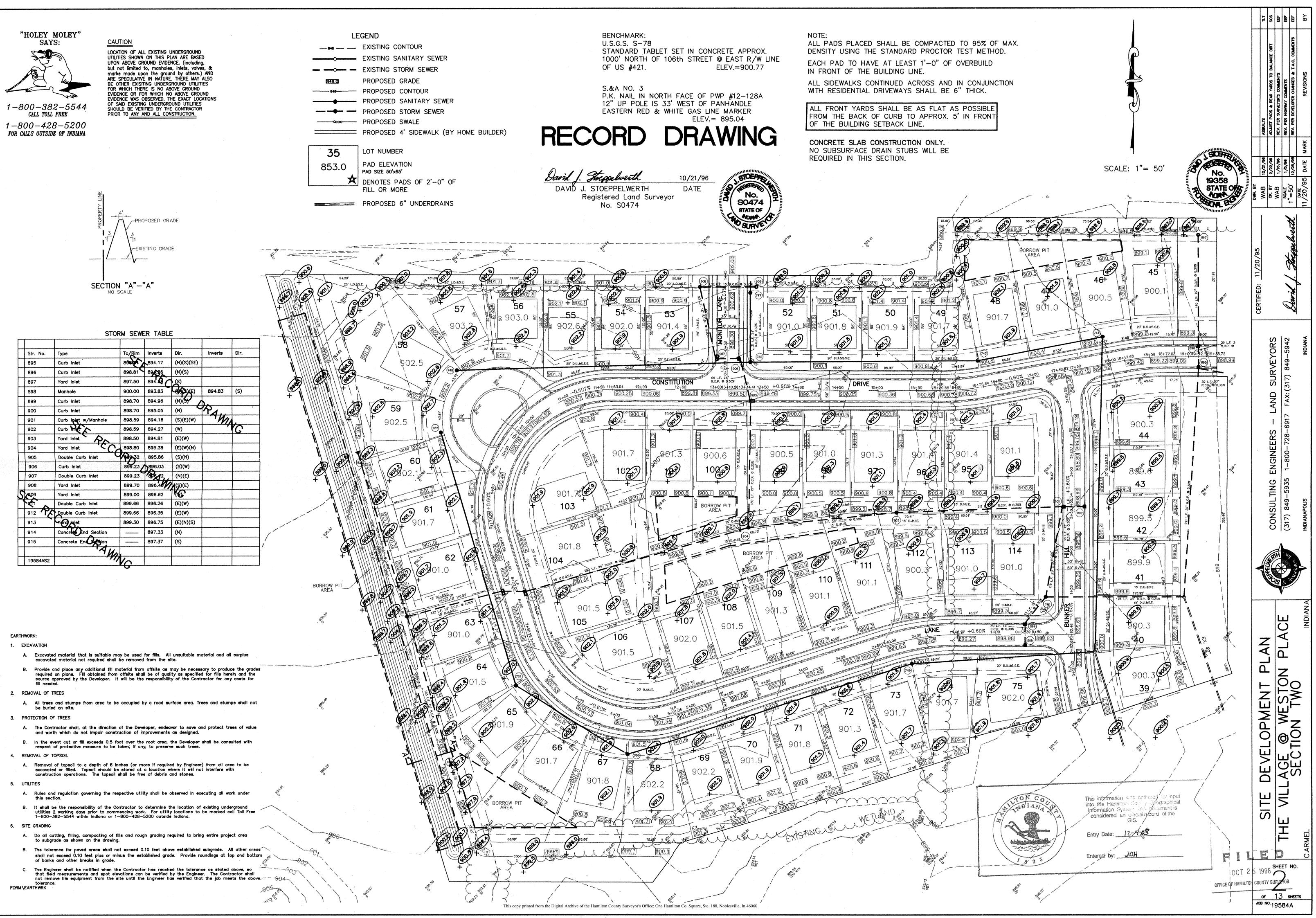
PLANS CERTIFIED BY:

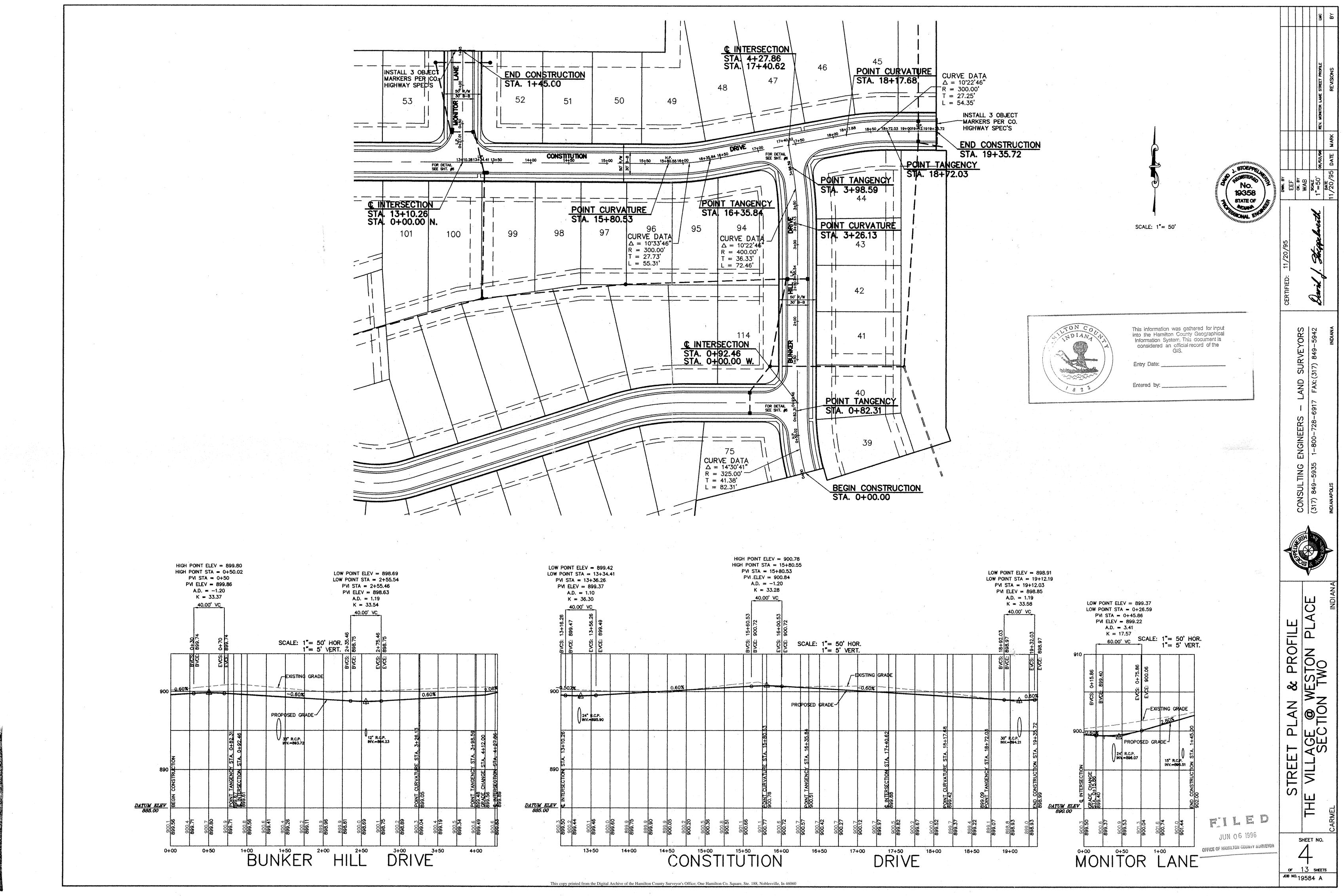
David J. Stoppelwerth DAVID J. STOEPPELWERTH 11/20/95 DATE

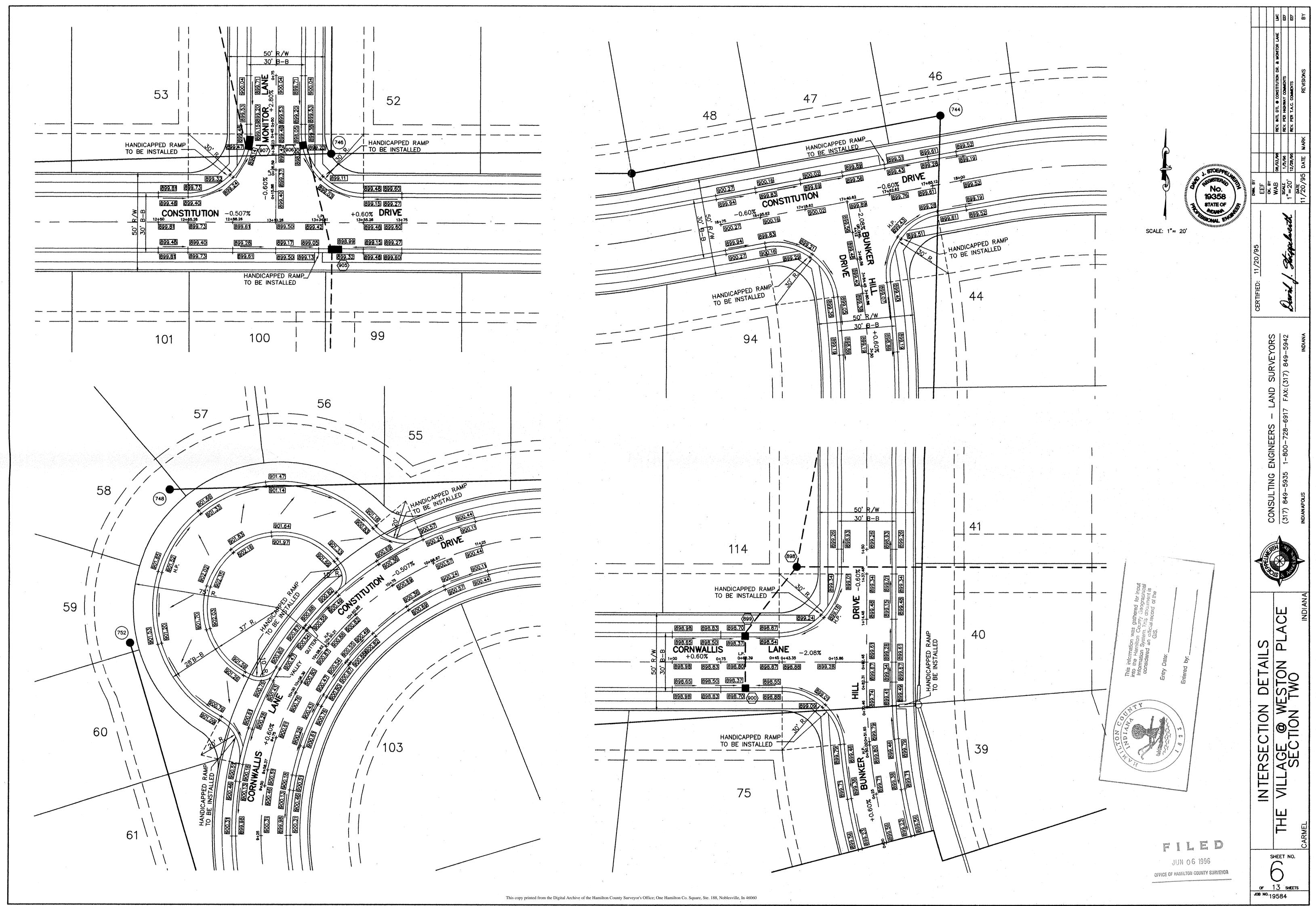
NO. 19358

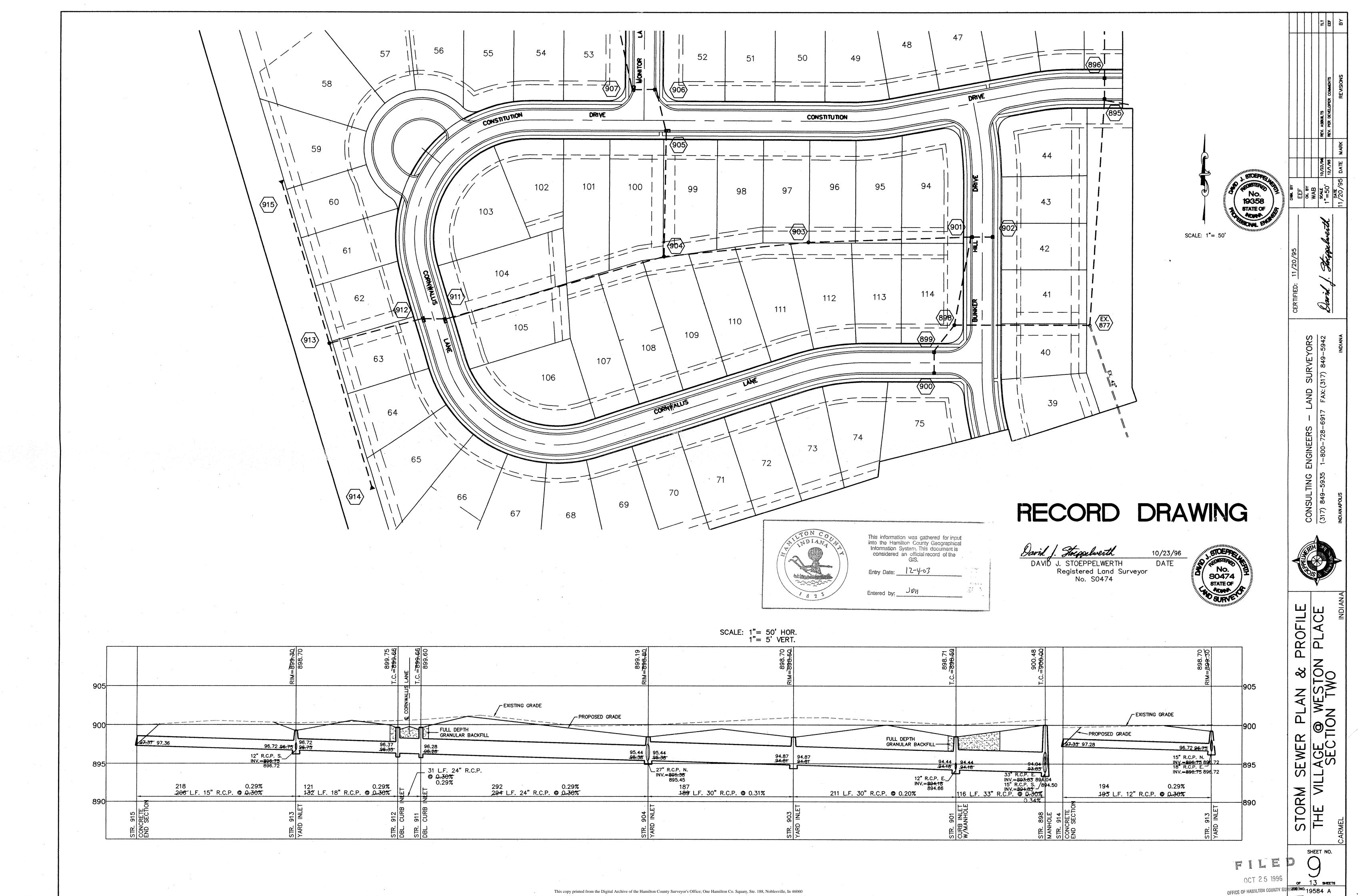
STATE OF

PROFESSIONAL ENGINEER NO. 19358









4" R.C.P.	27" R.C.P. N. INV. ≖895.38 895.45	12" R
292 0.29% 294 L.F. 24" R.C.P. @ 0. 30 %	187 189 L.F. 30" R.C.P. @ 0.31%	12" R INV.=8 211 L.F. 30" R.C.P. © 0.20%
	903 903	
	STR. YARC	AAKU Y

