Drain: CROOKED CREEK DRAN	<u>₩ Drain #: 25</u> 0
Improvement/Arm: <b>DESTRA</b>	
Operator: <u>JOH</u>	Date: 12-3-03
Drain Classification: Urb	an/Rural Year Installed: /997

#### **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

- Ja. 12-3
Na
G# 12-3
977-12-3
NA
J# 12-3
gan n-3
GA 123
for f 12-12
074/2-3

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7

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

#### Drain-Improvement: CROOKED CREEK ORAIN - WESTON RIDGE-SECTION 2

Drain Type:	Size:	(REPORT)	Length (DB Query)	Length Reconcile	Price:	Cost
550	<u> </u>	47222.7'	4222.7'			
RCP	12"	644'	6441			
	15"	6131	613'		_	
	18"	418'	418'			
	Z/ *	30'	301			
	24"	470'	470'			
	<u> </u>	200'	2001			
		-				
		<b></b>				·
						<del></del>
· · · · · · · · · · · · · · · · · · ·						

Final Report:\_\_\_\_\_

Comments:

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Fax (317) 776-9628

Suite 146 One Hamilton County Square Noblesville, Indiana 46060=2230

June 5, 1997

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Crooked Creek Drain, Westin Ridge, Section 2 Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the <u>Westin Ridge, Section 2 Arm, Crooked Creek Drain.</u> 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 bighway 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:

5"	SSD	3,873	feet	21"	RCP	30	feet
12"	RCP	656	feet	24"	RCP	470	feet
15"	RCP	612	feet	27"	RCP	200	feet
18"	RCP	419	feet				

The total length of the drain will be 6,260 feet.

The subsurface drains (SSD) to be part of the regulated 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 of the 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 no damages will result to landowners Page #2

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 \$ 993.30.

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 <u>Westin Ridge Section 2</u> as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 1997.

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>Weston Ridge</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>Weston Ridge</u> 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 believers 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.

MAY 16 1997

OFFICE OF HAMILTON COUNTY SURVEYOR

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 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 Petitioner cost as per IC 36-9-27-46.

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

Tim Walter			
Printed Name	11		
Ain 1	taken		

Signéd

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

FIL

MAY 16 1997

OFFICE OF HAMILTON COUNTY SURVEYOR

DATE 5/14/97

FORM\PETREG

(3) 4)

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2



#### CONSULTING ENGINEERS

LAND SURVEYORS

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

April 25, 1997

Hamilton County Surveyor's Office One Hamilton County Square Noblesville, IN 46060

Attention: Kent Ward

#### Re:

Weston Ridge Section Two

Dear Mr. Ward:

The following is an engineer's estimate for the Weston Ridge Section Two.

Street Monuments	\$1540.00
Storm Sewer	\$75,000.00
Sub-surface drains	\$17,000.00
Erosion control	\$8,000.00
Total:	\$101,540.00

If you have any questions concerning these amounts please contact me at 849-5935.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.

Carl & Stagpehvert

David J. Stoeppelwerth

Cc: Tim Walter

WAB97/19584D2

FILED

APR 2 9 1997 OFFICE OF HAMILTON COUNTY SURVEYOR

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#### FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Westin Ridge Section 2 Crooked Creek DRAIN

On this <u>28th</u> day of <u>July</u> 19 97, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Westin Ridge Section 2 Crooked Creek Drain

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule The Board now finds that the annual maintenance of Assessments. assessments will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD den

asor

rative Secret Revised 12/95

BOMPE OF COMMISSIONERS OF THE COMMITY OF HAMILTON	ATTEST:
DATE	SUBDIVISION BOND
Bond No.: 106091	Principal Amount: \$100,000 00

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

KNOW ALL MEN BY THESE PRESENTS, that we <u>K.E. Properties, L.L.C.</u> 1041 W. Main St., Carmel, IN 46032 as Principal, and Frontier Insurance Company a New York Corporation, as Surety, are held and firmly bound unto Hamilton County Commissioners One Hamilton County Square, Noblesville, IN in the penal sum of One Hundred Thousand and 00/100-----(Dollars) (\$ 100,000.00-----), 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.

Principal Amount: \$100,000.00

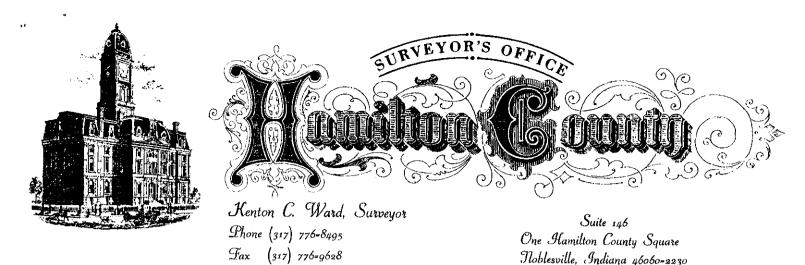
WHEREAS, K.E. Properties, L.L.C. has agreed to construct in <u>Weston Ridge</u>, section 2 Subdivision, in Hamilton County, IN the following

improvements:

Storm Sewer, SSD and Erosion Control

#### CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which land alteration was accomplished <u>106<sup>th</sup> Street and Shelborne Road</u>	
Inspection Date(s): Permit No	
Relative to plans prepared by: <u>Stoeppelwerth &amp; Associates, Inc.</u>	
on <u>2/12</u> , <u>1997.</u>	
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	
Signature griffing Date: 12/10/1997	
Type Name: Jeffory W. Darling Phone: (317) 849-5935	
Business Address: 9940 Allisonville Road, Fishers, IN 46038	
Surv. X Engr. Arch. Indiana Registration No. R.L.S. 900017	
(SEAL)	
(SEAL)	
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To: Hamilton County Drainage Board

September 2, 1999

#### Re: Crooked Creek Drain: Weston Ridge Sec. 2

Attached are as-builts, certificate of completion & compliance, and other information for Weston Ridge 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 5, 1997. The changes are as follows:

Structure:		T.C.:	I.E.:	Pipe:	Length:	<b>Original Plans:</b>	Difference:
	955	905.72	902.77	<u> </u>	l		
	957	907.31	903.31	18	157	158	-1
	957	907.31	903.31				
	958	906.55	903.58	18	92	91	1
	958	906.55	903.58			······································	
	959	906.6	903.82	15	30		
	941	907.21	903.81				
EX. STR		905.7	902.55	15	180		
EX. STR		905.7	902.55				
	940		903.17	12	200		
	951	905.23	902.19				
	954	905.66	902.69	24	140		
	954	905.66	902.69				
	955	905.72	902.77	21	30		
	955	905.72	902.77				
	956	905.29	903.36	15	173	172	1
EX. STR	· · · ·	903.8	900.7				
	950	905.09	901.11	27	170		
	950	905.09	901.11	<u> </u>			
	949	905.17	901.23	27	30		
	949	905.17	901.23	,			

	951	905.23	902.19	24	330		· · · · · · · · · · · · · · · · · · ·
	951	905.23	902.19			······	
	952	904.58	902.78	15	200		· · · · · · · · · · · · · · · · · · ·
	952	904.58	902.78				
	953		903.34	12	189	200	-11
	949	905.17	901.23				
	947	905.61	901.85	12	158		
	947	905.61	901.85		<u></u>		· · · · · · · · · · · · · · · · · · ·
	948	905.63	902.25	12	30		<u> </u>
EX. STR		902.53	898.58				
	942	903.67	900.36	18	169	170	-1
	942	903.67	900.36				
	943	903.75	900.6	15	30	······	
	943	903.75	900.6			· · · · · · · · · · · · · · · · · · ·	
	944	903.76	901.26	12	67	68	-1

#### 6" SSD Streets:

<b></b>		Totals:	
WESTON DRIVE	867.13	12	644
COLE COURT	700.84	15	613
TRUMBULL CIRCLE	543.38	18	418
		21	30
	X2	24	470
		27	200
Total:	4222.7	Total:	2375

The length of the drain due to the changes described above is now 6,597 feet.

The non-enforcement was approved by the Board at its meeting on October 27, 1997 and recorded under instrument #9809802696.

The bond or letter of credit from Frontier Insurance Company, number106091 for storm sewers, erosion control, subsurface drains and 106093 for street monumentation; in the amount of \$100,000 and \$1,540; was released June 29, 1998.

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

Sincerely,

**RCP** Pipe

Kenton C. Ward, Hamilton County Surveyor

KCW/slm

#### **Asbuilt Structures**

T.C.:

#### Project: WESTON RIDGE SEC. 2

Eng.Proj.#: 19584 stoeppelwerth

Structure:

I.E.: Pipe: Length: Original Plans: Difference:

	955	905.72	902.77			······································	
	957	907.31	903.31	18	157	158	-1
	957	907.31	903.31				
	958	906.55	903.58	18	92	91	1
	958	906.55	903.58			· · · · · · · · · · · · · · · · · · ·	
	959	906.6	903.82	15	30		
	941	907.21	903.81	·····		······································	
EX. STR		905.7	902.55	15	180		
EX. STR		905.7	902.55				
	940		903.17	12	200		
	951	905.23	902.19				, <u></u> ,
	954	905.66	902.69	24	140		
	954	905.66	902.69				
	955	905.72	902.77	21	30		
	955	905.72	902.77				· · · · · · · · · · · · · · · · · · ·
	956	905.29	903.36	15	173	172	1
EX. STR		903.8	900.7				
Ş	950	905.09	901.11	27	170		····· ··· ··· ··
	950	905.09	901.11				
	949	905.17	901.23	27	30		
	949	905.17	901.23				
	951	905.23	902.19	24	330		
	951	905.23	902.19				
	952	904.58	902.78	15	200		·····
	952	904.58	902.78				
	953		903.34	12	189	200	-11
	949	905.17	901.23				
	947	905.61	901.85	12	158		
	947	905.61	901.85				
	948	905.63	902.25	12	30		·
EX. STR		902.53	898.58				
	942	903.67	900.36	18	169	170	-1
	942	903.67	900.36			· · · · · · · · · · · · · · · · · · ·	
	943	903.75	900.6	15	30		
	943	903.75	900.6				
	944	903.76	901.26	12	67	68	-1

#### 6" SSD Streets:

WESTON DRIVE	867.13
COLE COURT	700.84
TRUMBULL CIRCLE	543.38

#### **RCP Pipe Totals:**

12	644
15	613
18	418

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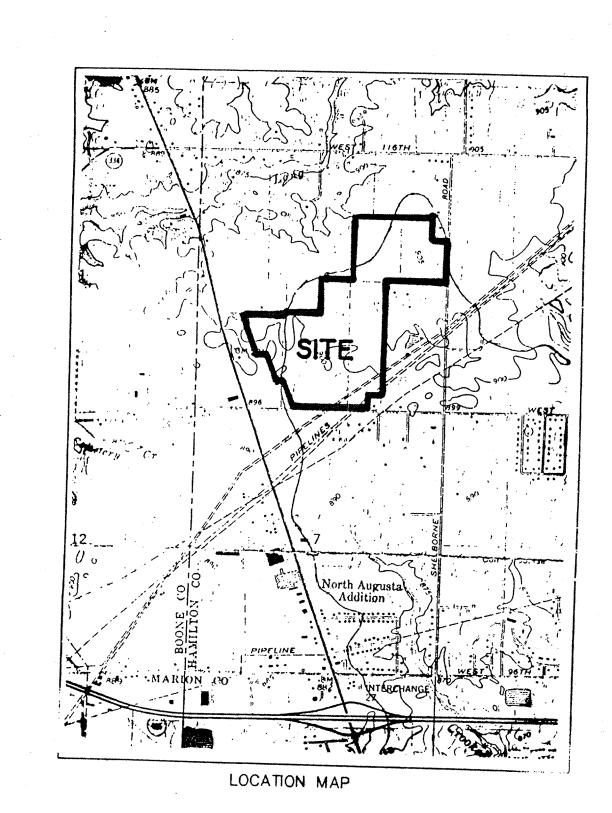
	X2	21	30 470 200
Total:	4222.7	Total:	2375

Total Length of Drain:

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6,597



r	INDEX
SHT.	DESCRIPTION
1	COVER SHEET
5	TOPOGRAPHICAL SURVEY
3	SITE DEVELOPMENT PLAN
4	EROSION CONTROL PLAN
5	STREET PLAN & PROFILE
6	STREET PLAN & PROFILE
7	INTERSECTION DETAILS
8	TRAFFIC CONTROL PLAN
9	SANITARY SEWER PLAN & PROFILES
10	SANITARY SEWER PLAN & PROFILES
11	STORM SEWER PLAN & PROFILES
12	STORM SEWER PLAN & PROFILES
13	STORM SEWER PLAN & PROFILES
14	WATER PLAN
15	OFFSITE LAKE PLAN
16	CONSTRUCTION DETAILS
17	CONSTRUCTION DETAILS
18	CONSTRUCTION DETAILS

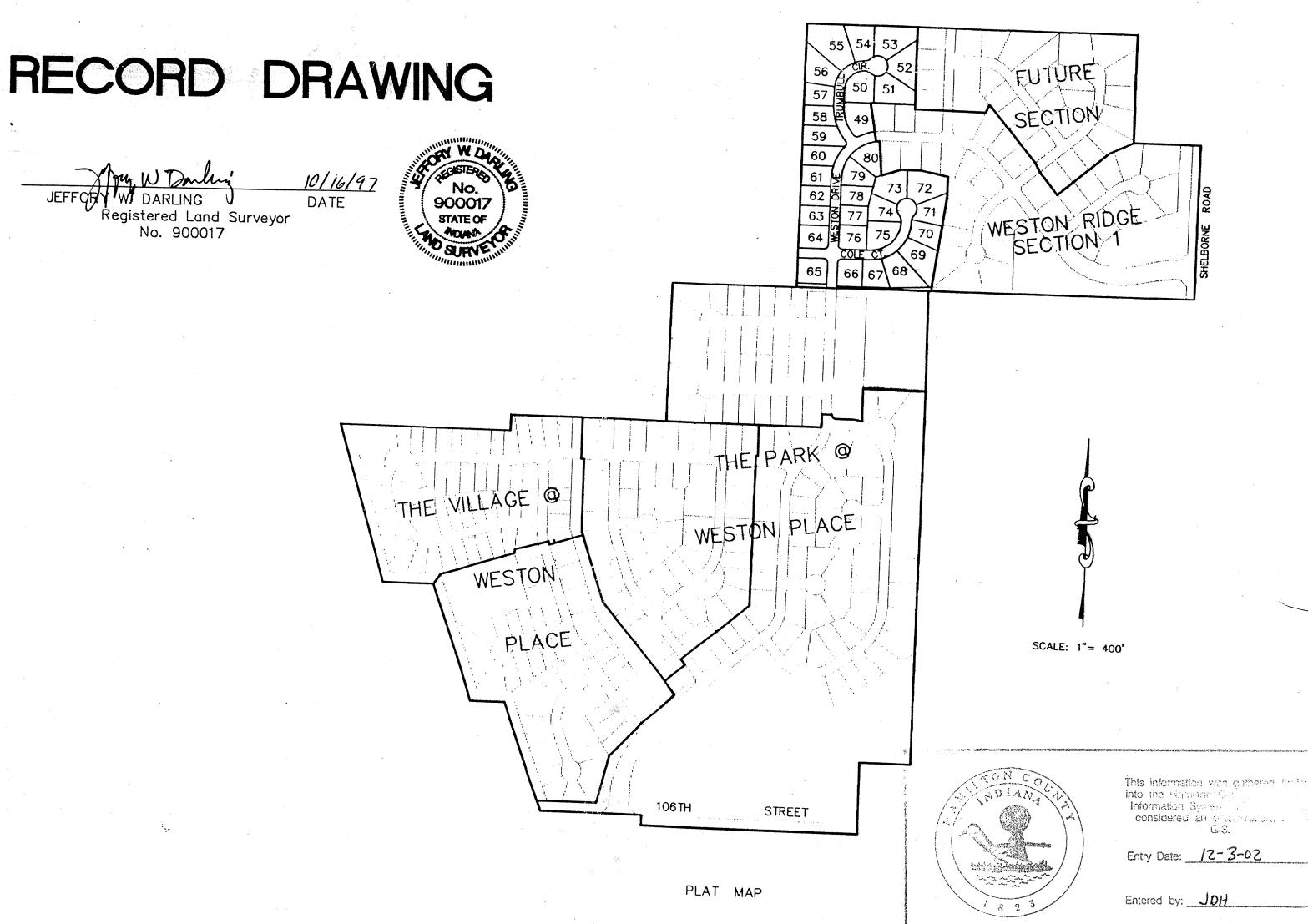
DARLING No. 900017

RE	VISIONS	

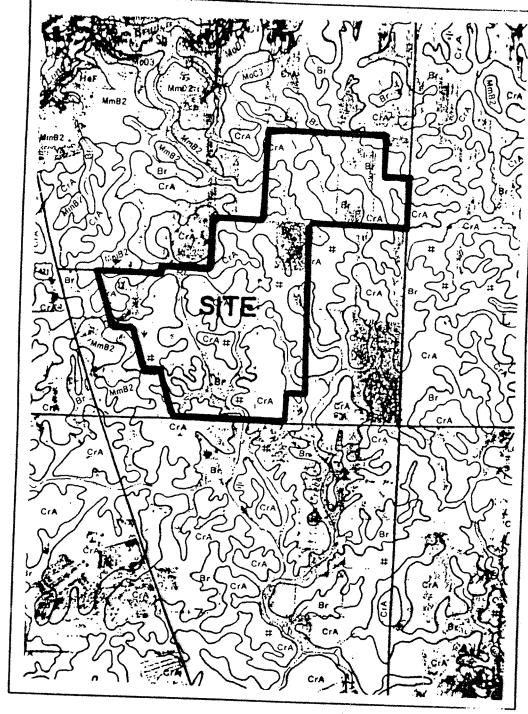
	REVISIONS				
SHT.	DESCRIPTION				
ALL	REV. PER DEV. & TAC COMMENTS 3/3/97				
3,4,6,7,8, 12,15,16	REV. PER TAC COMMENTS 3/20/97				
9,10	ASOUILTS 10/16/97				
3,11-13	ASBUILTS 1117/17				
1					

# WESTON RIDGE SECTION TWO

Developed by: ESTRIDGE DÉVELOPMENT COMPANY, INC. 1041 WEST MAIN STREET CARMEL, INDIANA 46032 (317)-582-2437



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N.O.I. LETTER OPERATOR TIM WALTERS ESTRIDGE DEVELOPMENT COMPANY, INC. 1041 WEST MAIN STREET PHONE: (317)-582-2456 EXT.345

#### DESIGN DATA

32 LOTS 17.393 AC.±

= 1.84 LOTS/ACRE±

WESTON DRIVE COLE COURT TRUMBULL CIRCLE

867.13 L.F. 669.12 L.F. 527.52 L.F.

### PLANS PREPARED BY:

STOER OBIER

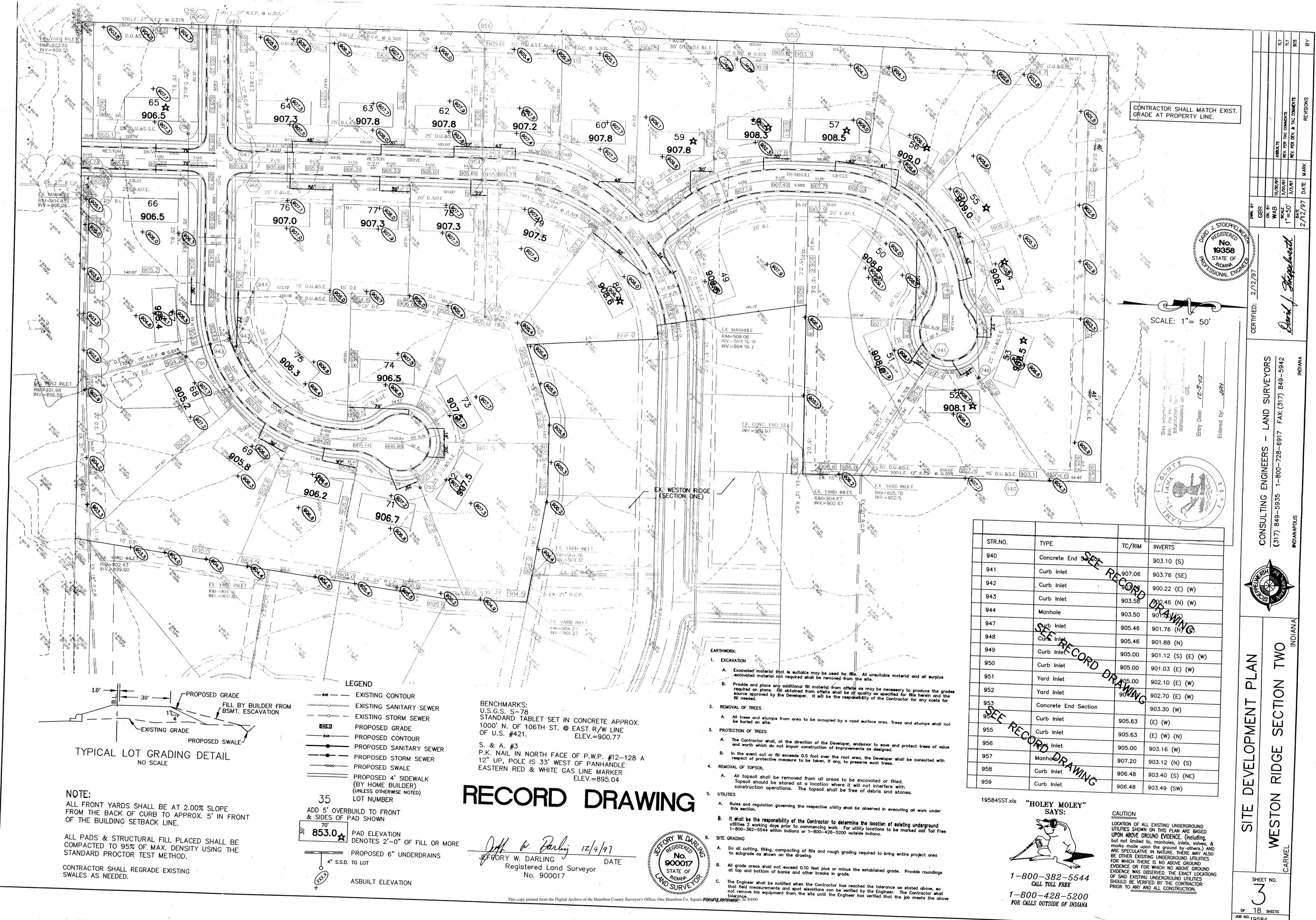
No. 19358

STATE OF

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

PLANS CERTIFIED BY:

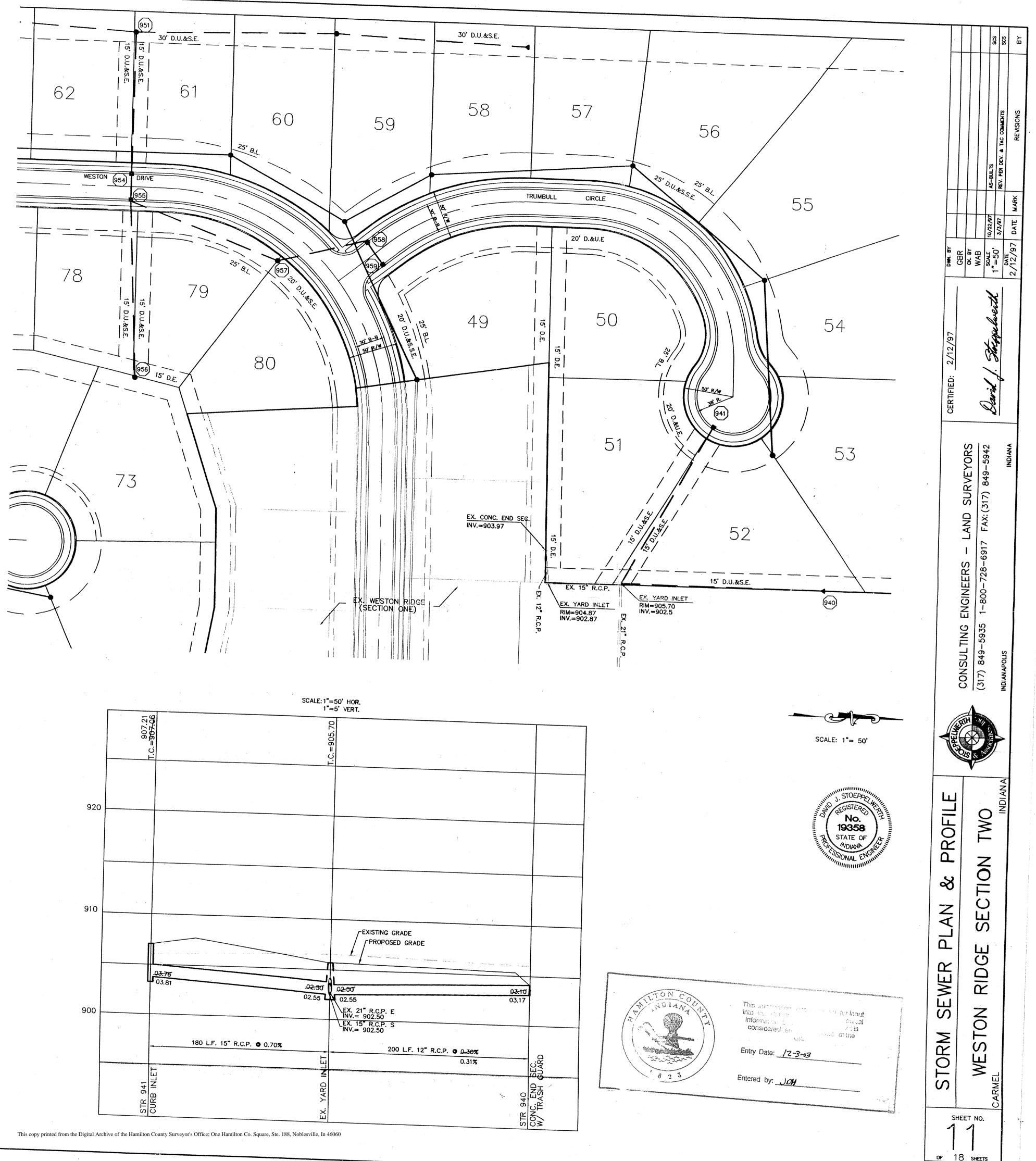
David J. Stocphelwerth 2/12/97 DAVID J. STOEPPELWERTH DATE PROFESSIONAL ENGINEER NO. 19358

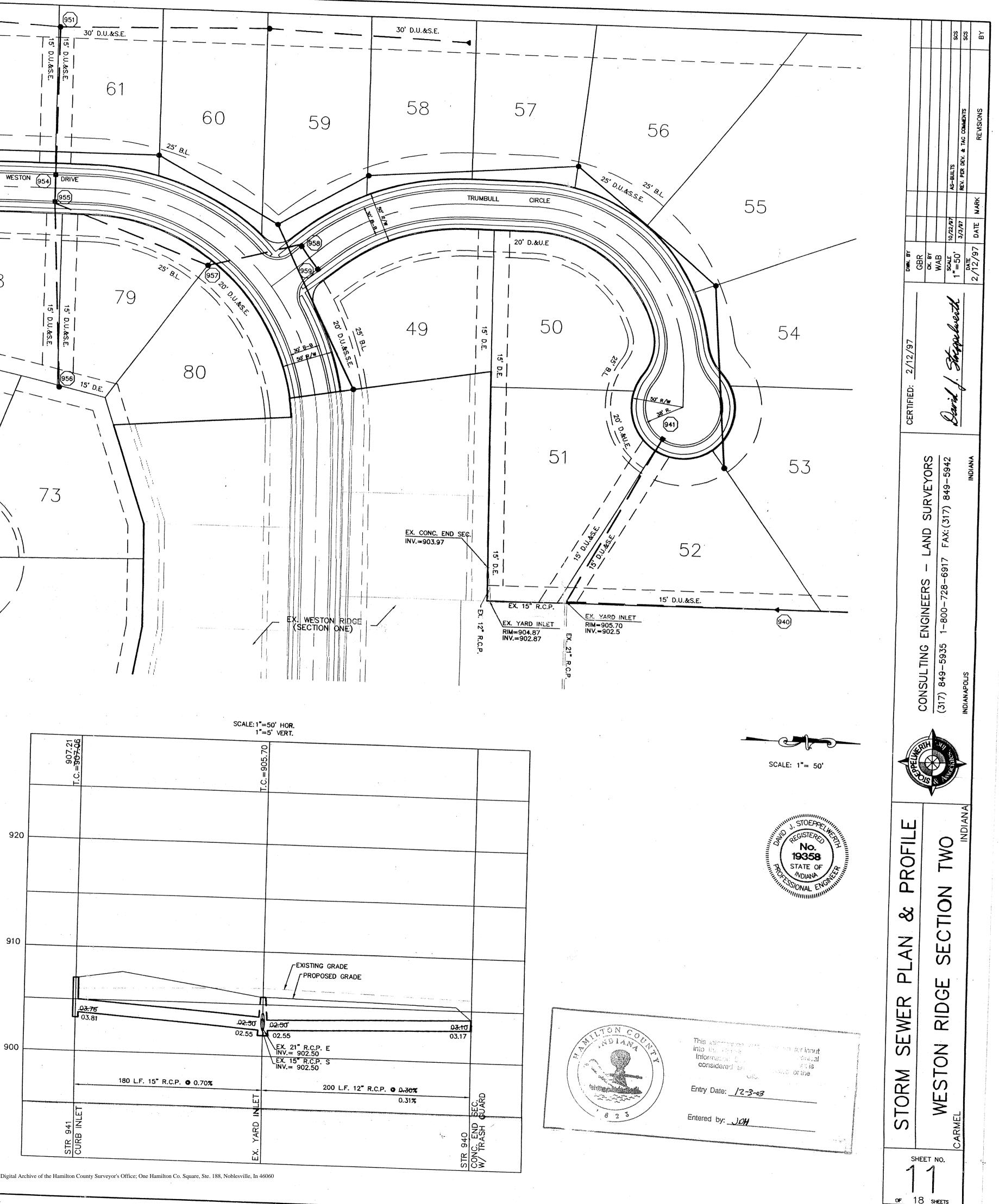


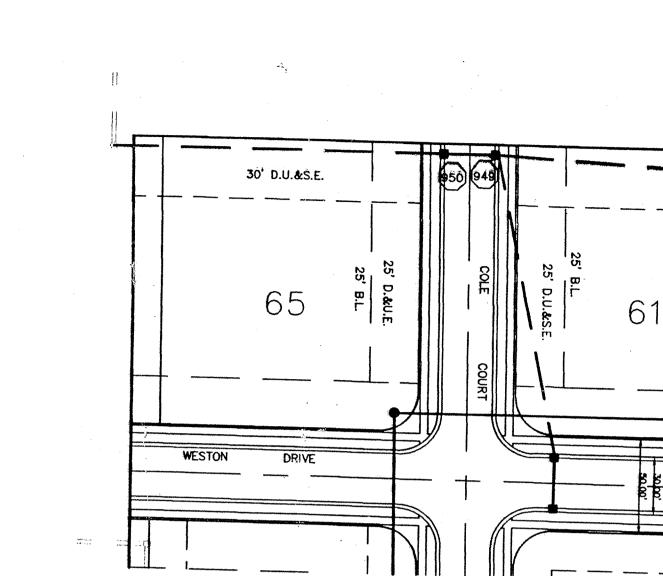
	<b></b>	SCALE: 1 <sup>*</sup> =50' HOR. 1 <sup>*</sup> =5' VERT.	
	905.23		905.29 .= <del>905.0</del> 0
920			T.C.
910		ESTON DRIVE	
		EXISTING GRADE PROPOSED GRADE FULL DEPTH GRANULAR BACKFILL	
900 -		O2:10     O2:55     O2:65     O2:65     O2:77     O3:1       02:69     02:65     02:65     02:65     03:3       15" R.C.P. N INV.= 902:10     002:69     18" R.C.P. N INV.= 902:65     03:3       24" R.C.P. S INV.= 902:10     902:19     902:77     03:4	
		140 L.F. 24" R.C.P. • 0.33% 30 L.F. 21" R.C.P. • 0.30% 172 L.F. 15" R.C.P. • 0.30%   N.T.S. 0.36% 0.27% 173 0.34%	
	STR 951	YARD INLET STR 954 CURB INLET CURB INLET	STR 956 YARD INLET

# RECORD DRAWING

	JE	FFORY W. WARLI Registered No. 90	W Durling NG Land Surveyo 00017	DATE r	90 ST/	W. DA AN STERES NO. OOOT7 ATE OF DIANA OT URVE	AMARINA DA
		• •		SCALE: 1"== 1"=	50' HOR. 5' VERT.		
	905.72	59.00R=		907.31 T.C.= <del>907.2</del> 0	Li Li	906.60	
920							-
910						UMBULL CIRCLE	
	[		PROPOSED	ADE GRADE		CONTRACTOR	
900 -		02.65 02.77 15" R.C.P. E INV.= 902.65 21" R.C.P. W 902.77 INV.= 902.65 902.77	ی 03 7	3.12 03.12 3.31 03.31 FULL GRAN	D3-4 03.50 DEPTH ULAR BACKFILL		
		155 LF. 18 157	" R.C.P. O D. <del>30%</del> 0.34%	91 L.F. 92	18" R.C.P. 🛛 D.307 0.297	and the second sec	15" 0. <del>30%</del> 0.80%
	STR 955	CURB INLET		STR 957 MANHOLE		CURB INLET STR 959	CURBINE







**9**20 . 8 빌 01.03 01.12 01.23 LEX. 27" R.C.P. W INV.= 900.64 900.70 30 L.F. 27" R.C.P. **O** D.<del>30</del>% 170 L.F. 27" R.C.P. @ 0.21% W/ STON N.T.S. 0.24% 0.40% WEIS I 949 B INLET A BU BU STR 950 CURB INL EX. YA TO BE PARK

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910

900

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905.09 .=305.00 905.17 =905.00

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FULL I GRANI

STR

	30' D.U.&S.E.		951 30' D.U.&S.I	(9)	52)	30' D.U.&S.E.
1	63	62	15 D.U.&S.E. 	60	59	58
8	WESTON	DRIVE				
	JEFFORM	WDmluy W. DARLING egistered Land No. 900017	<u>II/ 7/9 ?</u> DATE Surveyor SCALE: 1"=50' HOR. 1"=5' VEWT.	NO. 900017 STATE OF SURVE		
			T.C. = 905.23		904.58 T.C.=904.58	
		E	ASTING GRADE PROPOSED GRADE			
DEPTH IULAR BACKFILL			02.10 02.10 02.19 24" R.C.P. E INV.= <del>902.10</del> 902.19		<u>D2.70</u> 02.78 02.78	
	330 L.F. 24" R.C.P. O N.T.S.	<del>0.30%</del> 0.29%		200 L.F. 15" R.C.P. <b>©</b> 0.30%		290 L.F. 12" R.C.P. © 0.307 189 N.T.S.
			STR 951 YARD INLET		STR 952 YARD INLET	r 1

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