Drain: KINGSBORIUGH ORAIN	
Improvement/Arm: WESTCHASE - SECTION	Drain #: <u>279</u>
Operator: Joh	
Drain Classification III	Date: /-20-04
Drain Classification: Urban/Rural	Year installed: Z000

# **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

NA g. 1-20 994 1-20 NA

974 420

999-1-20

980-1-20

At 1-20 N/-22 ! 1-22

Ő.

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

# Drain-Improvement: KIN STREAMEN OR MAN - WEST CHARGE - SECTION 2

Drain Type:	Size:	( since )	Length (DB Query)	Length		REDE
550	6"	2825'	zszs '	Reconcile	Price:	Cost:
RLP	/2*	615'	603'	-/21		
	15*	766'	761'	-5'		
	184	46'	61'	+15		· · · · · · · · · · · · · · · · · · ·
	214	296	303'	_+7 _		
					·	
·····						
	 Sum:	4548	4553	+5'		80,062
					- 44 <u>-</u>	80,062
nal Report:	· · · · · · · · · · · · · · · · · · ·					
omments:						

#### GASB 34 – Value Calculations Westchase Sec. 1

,

Bonds: \$108,338.00 Total Feet: 6,161

Kingsborough Drain – Westchase Arm: 4,553 ft/6161ft = 0.7390034 (\$108,338) = **\$80,062.16** Hinshaw-Henley Drain – Westchase Arm: 1,175 ft/6161ft = 0.1907157 (\$108,338) = **\$20,661.76** Hinshaw-Henley Drain – Westchase Relocation: 433ft/6161ft = 0.0702807 (\$108,338) = **\$7,614.08** 



Fax (317) 776=9628

One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

August 14, 2000

Re: Kingsborough Drain, Westchase Arm

Attached is a petition, non-enforcement requests, plans, calculations, quantity summary and assessment rolls for the Westchase Arm, Kingsborough 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 sp, 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	2,825	ft	18"	RCP	46	ft	
12"	RCP	615	ft	21"	RCP	296	ft	
15"	RCP	766	ft					

The total length of the drain will be 4,548 feet.

The retention pond (lake) located in Blocks F and G is to be considered part of the regulated drain. The Board will maintain the ponds and retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines which are located within the easement/right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: Rear of Lots 5 and 8.

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 \$520.80.

Parcels assessed for this drain may be assessed for the Osborn-Collins Drain at sometime in the future. Lots 1, 10, 11, 12 and Block D assessed for this drain will also be assessed for the Hinshaw-Henley Drain.

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 widths as shown on the secondary plat for Westchase as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for September 25, 2000.

KCW/kkw

Kenton C./Ward Hamilton County Surveyor





#### IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No.: 3406 Date: July 19, 2000

BENEFICIARY: Hamilton County Commissioners One Civic Square Carmel, IN 46032

FOR THE ACCOUNT OF: Westchase Development Company, LLC 411 N. Rangeline Road Carmel, IN 46032

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of U.S. \$8,020.00 (Eight thousand twenty Dollars and 00/100).

Funds are available for draft(s) at sight drawn on First National Bank & Trust, 568 East Carmel Drive, Carmel, Indiana 46032.

Drafts are to be accompanied by:

- 1. The original of this Irrevocable Letter of Credit No. 3406.
- 2. Beneficiary's signed statement that Westchase Development Company, LLC has failed to complete and maintain Erosion control in Westchase subdivision.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under First National Bank Irrevocable Letter of Credit No. 3406," and must be drawn and presented on or before July 31, 2001.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this Irrevocable Standby Letter of Credit will be duly honored upon proper presentation.

> First National Bank & Trust, 568 East Carmel Drive, Carmel, IN 46032 Telephone: (317) 844-8801

Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours,

First National Bank & Trust

David R. Dunbar Vice President

#### First National Bank & Trust

This cop Manneer IFOI Ghe Digital Archive of the Hand ActASTE SUBANGSHARES BANK Hamilton Co. Square, Ste. 188, 128 sville, In 46060

T

.

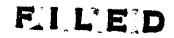
.

. .

·

.





JUL 2 7 2000



#### IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No.: 3405 Date: July 19, 2000

BENEFICIARY: Hamilton County Commissioners One Civic Square Carmel, IN 46032

FOR THE ACCOUNT OF: Westchase Development Company, LLC 411 N. Rangeline Road Carmel, IN 46032

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of U.S. \$14,431.00 (Fourteen thousand four hundred thirty one Dollars and 00/100).

Funds are available for draft(s) at sight drawn on First National Bank & Trust, 568 East Carmel Drive, Carmel, Indiana 46032.

Drafts are to be accompanied by:

1. The original of this Irrevocable Letter of Credit No. 3405.

2. Beneficiary's signed statement that Westchase Development Company, LLC has failed to complete and maintain Sub surface drains in Westchase subdivision.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under First National Bank Irrevocable Letter of Credit No. 3405," and must be drawn and presented on or before July 31, 2001.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this Irrevocable Standby Letter of Credit will be duly honored upon proper presentation.

> First National Bank & Trust, 568 East Carmel Drive, Carmel, IN 46032 Telephone: (317) 844-8801

Member FDIC

A HASTEN BANCSHARES BANK



Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours,

First National Bank & Trust

David R. Dunbar Vice President

### **First National Bank & Trust**

This Mamban EDIform the Digital Archive of the Indiana Grant BANESYARES HARNON PROVIDENT OF STRATE STRATEST STRAT



# FILED

JUL 2 1 2000

OFFICE OF HAMILTON COUNTY SURVEYOR

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

٧





#### IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No.: 3404 Date: July 19, 2000

BENEFICIARY: Hamilton County Commissioners One Civic Square Carmel, IN 46032

FOR THE ACCOUNT OF: Westchase Development Company, LLC 411 N. Rangeline Road Carmel, IN 46032

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of U.S. \$85,887.00 (Eighty five thousand eight hundred eighty seven Dollars and 00/100).

Funds are available for draft(s) at sight drawn on First National Bank & Trust, 568 East Carmel Drive, Carmel, Indiana 46032.

Drafts are to be accompanied by:

- 1. The original of this Irrevocable Letter of Credit No. 3404.
- 2. Beneficiary's signed statement that Westchase Development Company, LLC has failed to complete and maintain Storm Sewers in Westchase subdivision.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under First National Bank Irrevocable Letter of Credit No. 3404," and must be drawn and presented on or before July 31, 2001.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this Irrevocable Standby Letter of Credit will be duly honored upon proper presentation.

> First National Bank & Trust, 568 East Carmel Drive, Carmel, IN 46032 Telephone: (317) 844-8801

Member FDIC A HASTEN BANCSHARES BANK This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060 Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours, First National Bank & Trust

÷

David R. Dunbar Vice President

#### **First National Bank & Trust**

This cop Mamber from the Digital Archive of the Hind on Classific NuBANGSHARESE BANKHamilton Co. Square, Ste. 188, Desville, In 46060

## c090



Call Manage

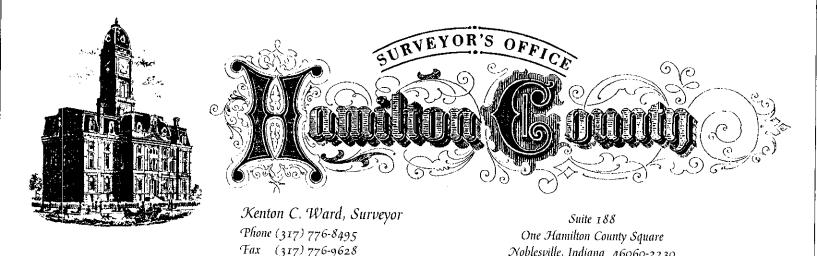
JUL 2 1 2000

OFFICE OF HAMILTON COUNTY SURVEYOR

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

\$

8



To: Hamilton County Drainage Board

January 21, 2004

Noblesville, Indiana 46060-2230

Re: Kingsborough Drain: Westchase Arm

Attached are as-builts, certificate of completion & compliance, and other information for Westchase Arm. 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 14, 2000. The report was approved by the Board at the hearing held September 25, 2000 (See Drainage Board Minutes Book 5, Page 466-467) The changes are as follows:

The 12" RCP was shortened from 615 feet to 603 feet.

The 15" RCP was shortened from 766 feet to 761 feet.

The 18" RCP was lengthened from 46 feet to 61 feet.

The 21" RCP was lengthened from 296 feet to 303 feet.

The length of the drain due to the changes described above is now 4,553 feet.

The non-enforcement was approved by the Board at its meeting on September 25, 2000 and recorded under instrument #200000061196.

The following sureties were guaranteed by First National Bank & Trust and released by the Board on its February 9, 2004 meeting.

**Bond-LC No: 3404 Insured For:** Storm Sewers **Amount: \$85,887** Issue Date: July 19, 2000

**Bond-LC No: 3405 Insured For:** Subsurface Drains **Amount: \$3,405** Issue Date: July 19, 2000

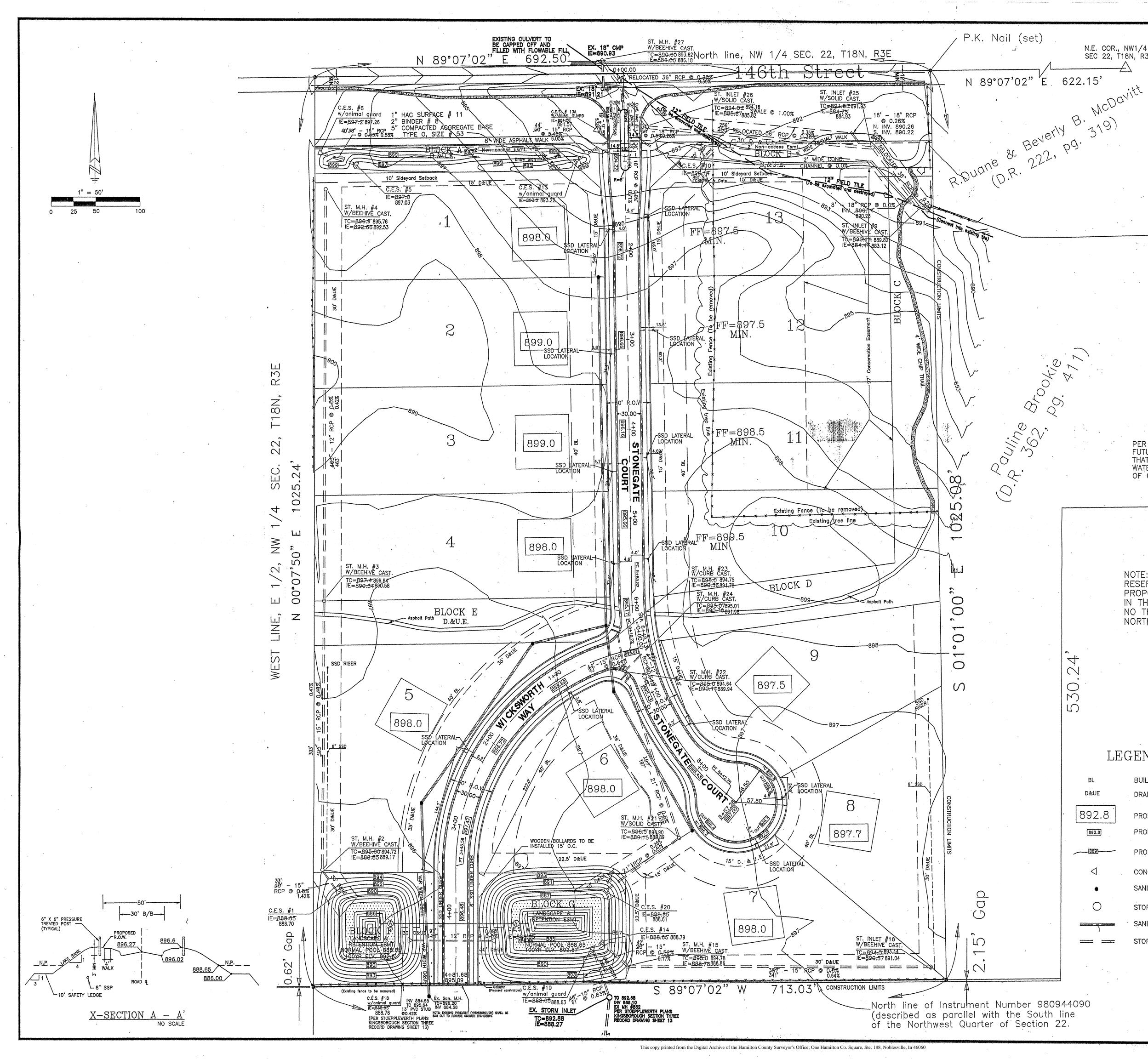
Bond-LC No: 3406 **Insured For:** Erosion Control **Amount: \$8,020** Issue Date: July 19, 2000

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

Sincerely,

Kenton C. Ward, Hamilton County Surveyor

KCW/slm



N.E. COR., NW1/4 SEC 22, T18N, R3E

	r				, 
	STC	ORM SEWER ST	TRUCTUR	E TABLE	
	STRUCTURE NUMBER	STRUCTURE TYPE	CASTING TYPE	TOP OF CASTING	INVERT
	1	CES	N/A	N/A	888.65
	2	MANHOLE	BEEHIVE	895.00	888.85
	3	MANHOLE	BEEHIVE	897.4	890.34
	4	MANHOLE	BEEHIVE	896.9	892.66
	5	CES	N/A	N/A	897.00
2	6	CES ·	N/A	N/A	897.20
÷	- 7	ELIMINATED			
	8	ELIMINATED			
	9	INLET	BEEHIVE	890.1	884.44
	10	CES	N/A	N/A	890.14
	11	INLET	CURB	893.80	890.29
	12	MANHOLE	CURB	893.80	890.47
	13	CES	N/A	N/A	893.20
	13A	CES	N/A	N/A	891.52
	14	CES	N/A	N/A	888.65
	15	MANHOLE	BEEHIVE	895.00	888.78
	16	INLET	BEEHIVE	894.50	890.57
	17	CES	N/A	N/A	888.65
	18	CES	N/A	N/A	888.65
	19	CES	N/A	N/A	888.65
	20	CES	N/A	N/A	888.65
	21	MANHOLE	SOLID	896.50	889.15
	22	MANHOLE	CURB	895.00	890.14
	23	MANHOLE	CURB	895.00	890.36
	24	MANHOLE	CURB	895.07	890.36
	25	INLET	SOLID	891.00	884.75
	26	MANHOLE	SOLID	894.00	885.67
	0.77		and make the same		and the second

BEEHIVE

PER REQUIREMENTS OF THE HAMILTON COUNTY SURVEYOR, FUTURE DEVELOPMENT PROJECTS LOCATED NORTH OF 146TH STREET THAT DRAIN TO THE HINSHAW-HENLEY REGULATED DRAIN WATERSHED SHALL HAVE AN ALLOWABLE DISCHARGE RATE OF 0.11 CFS PER ACRE.

27

28

MANHOLE

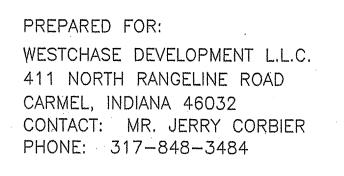
ELIMINATED

NOTE: THE HAMILTON COUNTY HIGHWAY DEPARTMENT RESERVES THE RIGHT TO REMOVE ANY PART OF PROPOSED STREET MEDIAN ON STONEGATE COURT IN THE EVENT OF IMPROVEMTENT TO 146TH STREET. NO TREES OR SHRUBS SHALL BE PLANTED ON MEDIAN NORTH OF THE PROPOSED RIGHT-OF-WAY FOR 146TH STREET.

LEGEND

BUILDING LINE

- DRAINAGE AND UTILITY EASEMENT PROPOSED PAD GRADE PROPOSED SPOT ELEVATION PROPOSED CONTOURS
- CONCRETE END SECTION
- SANITARY MANHOLE
- STORM MANHOLE SANITARY. SEWER W/LATERAL
- STORM SEWER



ANH.W

No.

8827

STATE OF

. WOIANA

PREPARE WES

AS C

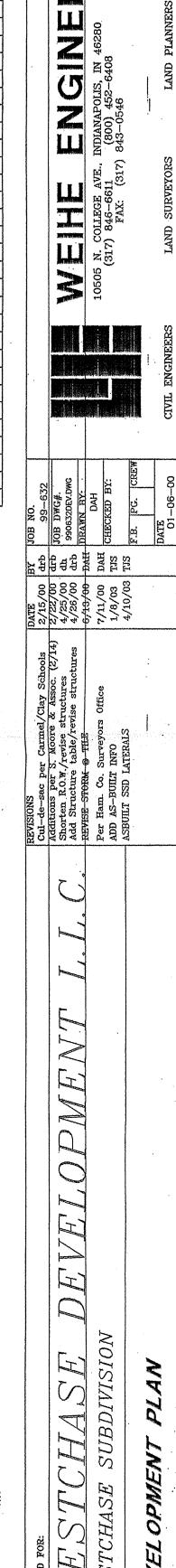
16

SHEET

DE

ΟΝΔΙ

STRUCTURES & GRADES



886.00

890.00

×

ALLAN H. ALLAN H. PRESIDENT MICHAEL I VICE - PI

 $\Omega$ 

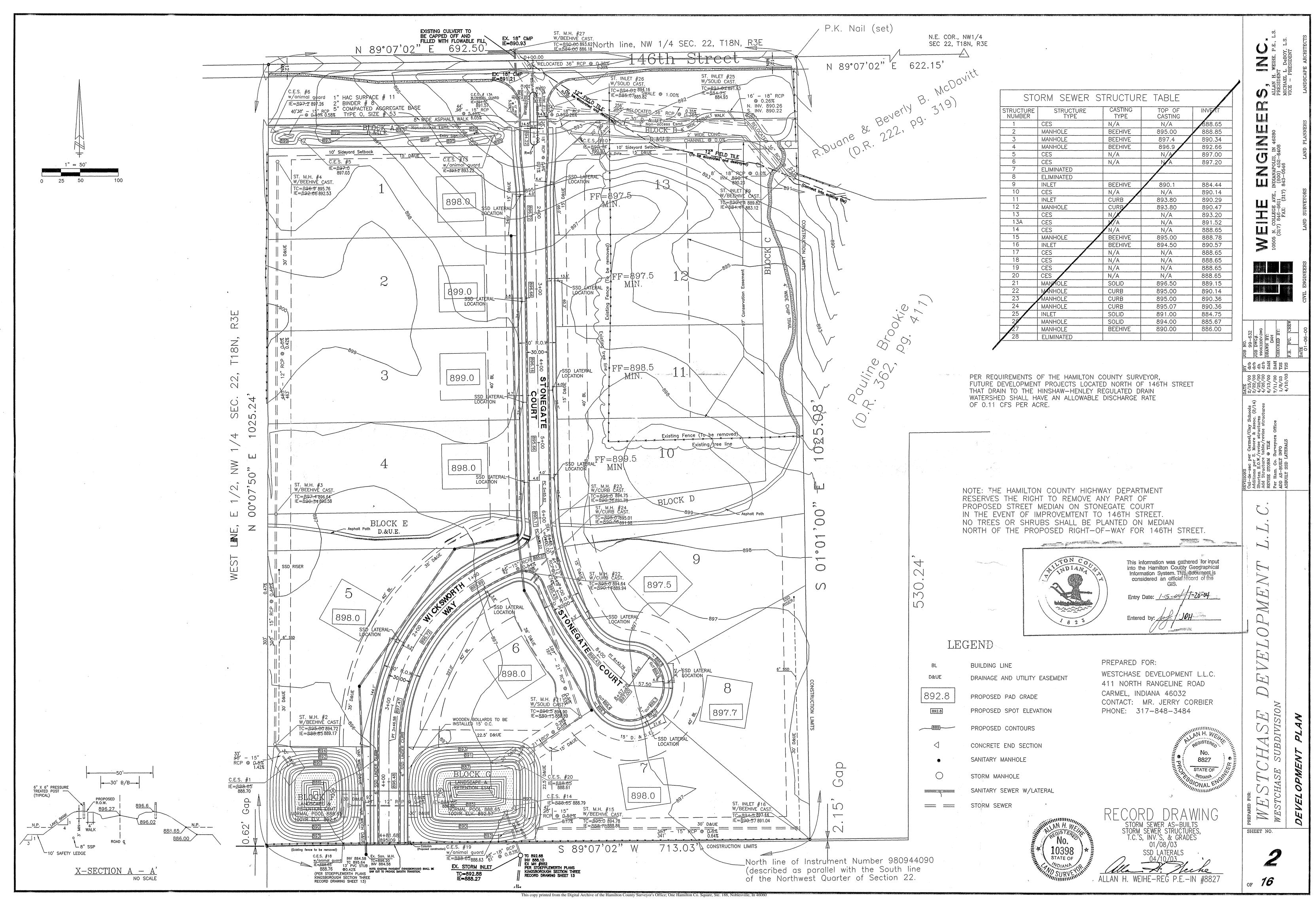
allow A. Marke ALLAN H. WEIHE-REG P.E.-IN #8827

01/08/03

SSD LATERALS

ICORD

TORM



. .....

-----

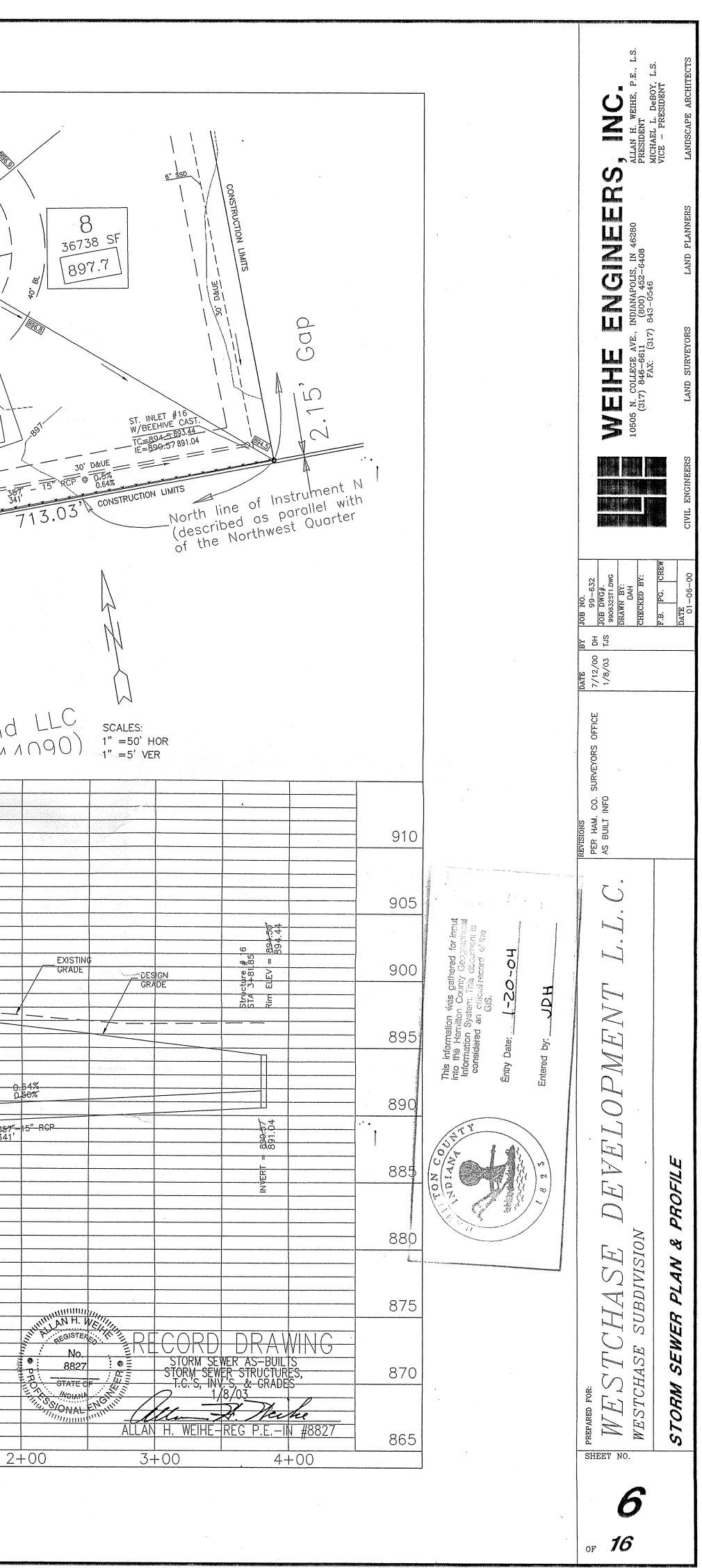
190 87 E CA 866 BEOCI A 1011 PT 3+46.58 897.47 898 10 0 MIN 894 894 IMG. 168 CD. 898  $\odot$ 1160) SCALES: \L 1" =50' HOR <u>1" =5' VER</u> 910 910 905 905 -4 18-8--88 88 88 88 88 -896. 896. 895. 895. #<u>|</u>| || 3#C EXISTING GRADE C.E.S. # 20 STA 0+00 Surface ELE<sup>V</sup> 900 900 Cture 2+96 ELEV DESIGN Struc STA Rim St in in ----------\_\_\_\_\_ 895 895 GRANULAR BACKFILL REQUIRED 0.53% 0.50% 0.54%-0.26% 0.56% 4.38% 890 890 47-15" RCP CONC. 197'-21" RCP SADDLE 197' REQ. 8" SSP 99\*-21" RCP 106' - Yo c 899. 65 890. 891. 885 8888 8888 8888 885 11 880 880 875 875 870 870 865 865 3+00 2+00 1+00 4+00 0+00

ν, s

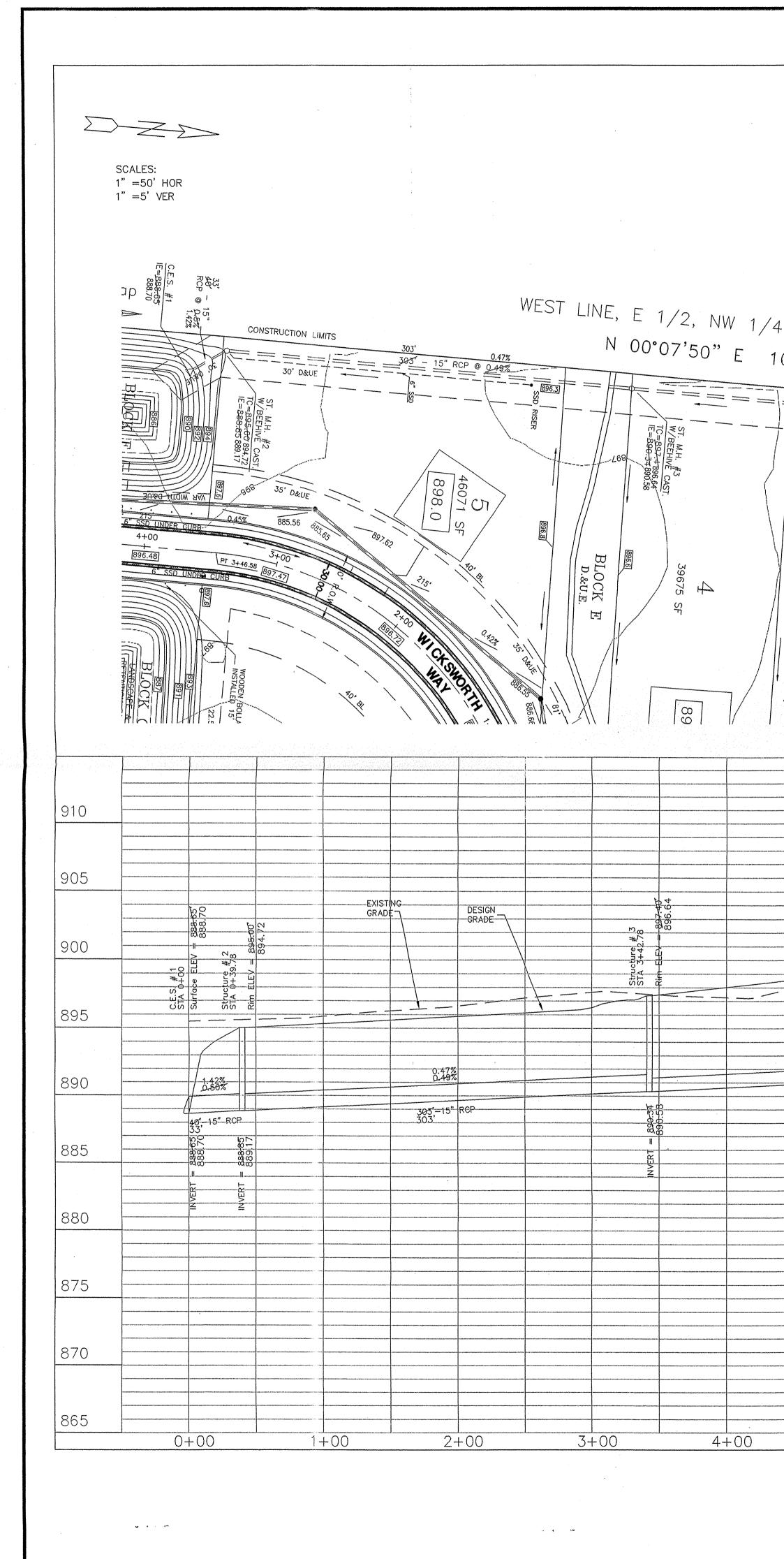
¢

	A to the			× 0 0 0 0			5.84 5.84 5.84	SS JON .			
	2 °6/5 S		8 <u>9</u> 8 .0			1	6 6 898.0	1. M.H. #21 /SOLID CAST: /SOLID CAST: /SO	E SALOO AL SAL	57.50	
		Str. 111 12 12 12 12 12 12 12 12 12					TO BE	22.5. Davie Egg	114	41	320 SK 898.0
	885,778 						5888.65 900ard 5888.65 1 1 1 1 1 1 1 1 1 1 1 1 1		S 89°	895-00 888-78888.86 897.5 07'02'	W W
	107 - 8" SSP 107 -	ONEGATE BEAD	897		35		ORM INLET .892.88 888.27	4			iand
	SCALES: 1" =50' H 1" =5' VER								~•~`ir	nati	
	910				910	910					
	905	73	895.00 894.64 24 895.07 895.01		905	905		888.651 888.755 888.755 88.779 4.78 4.78			
	900	A 0+00	Rim ELEV = 8 Structure # 24 STA 0i+40.69 Rim FLEV = 89 89		900	900	C.E.S. # 14 STA 0+00	1 15 8y8			
-	895		GRANULAR BACKFILL	DESIGN - GRADE	895	895		Str. Str.			
	890	43'4	REQUIRED 0.54% 4.74%		890	890		0,17%			
	885	00000000000000000000000000000000000000	NVERT = 890-36 891-98		885	885	22 42	- 15" RCP - 15" RCP - 15" RCP - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15			387 341'
	880	4	2		880	880		IN VERT			
	875				875	875				· · · · · · · · · · · · · · · · · · ·	
	870				870	870					
	865				865	865					
		0+	00	1+00	ANT THE REPORT		0-	+00	1+	-00	2

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



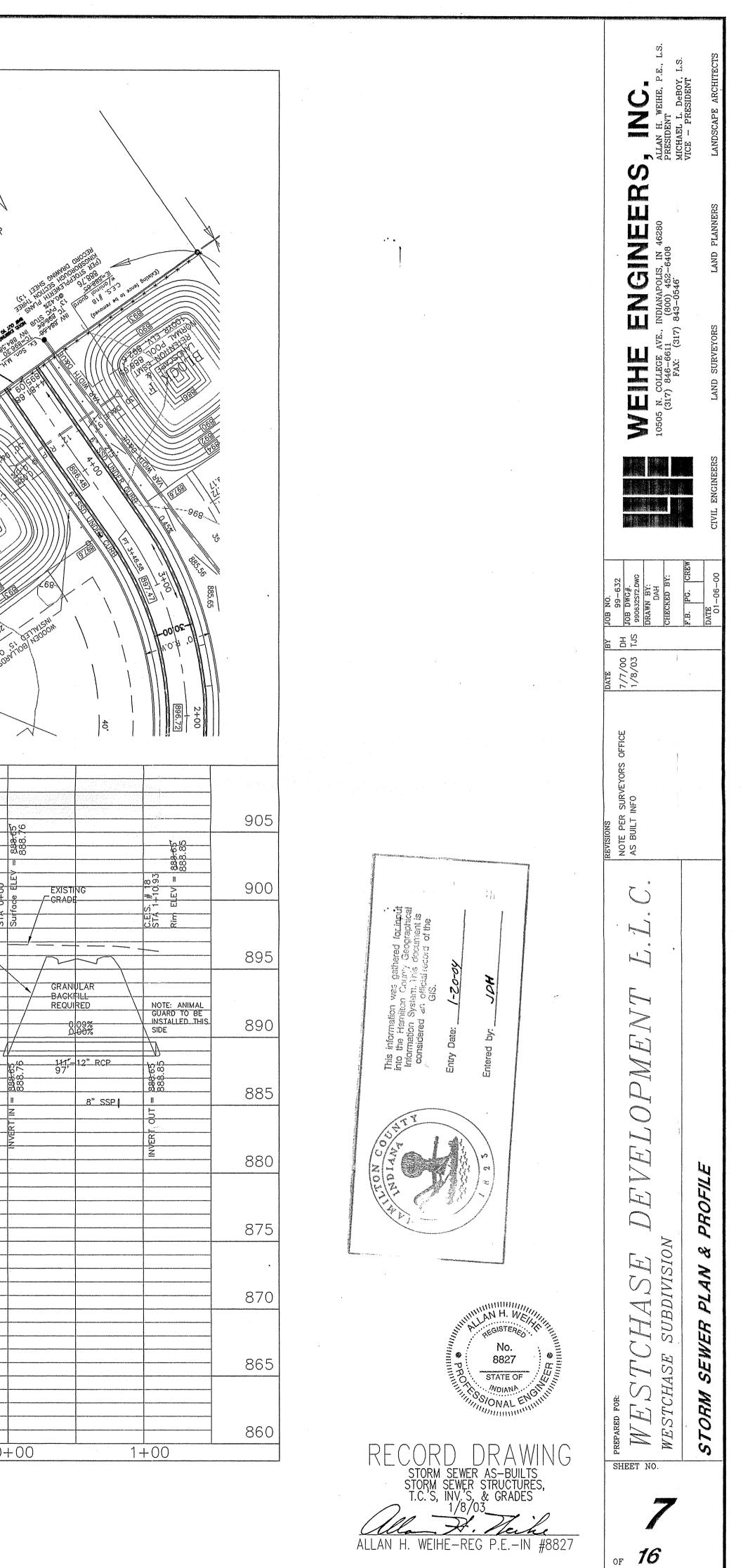
99-632



					1	SCALES: " =50' HOR " =5' VER
			•			, 
/4 SEC. 22, 1025.24'					*	A DECEMBER OF THE OWNER OWNER OF THE OWNER OWNE
	CONSTRUCT © 0.5% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.42% 0.5% 0.5% 0.42% 0.5% 0.5% 0.5% 0.42% 0.5	30' D&UE 30' D&	582 <u>1839</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u>			
					31 75	
				910	905	889 999 999
				905	900	C.E.S. # 17 STA 0+00 Surface FI FV = 88
			Riructure # 4 Structure # 4 Rim ELEV = 896.90 Rim ELEV = 895.76	900	895	DESIGN
	0.42%			895	890	
	0.42% 0.50% 463'-12" RCP 463'		= 892.55 892.53	890	885	RT IN 1988
			IN VER T	885	880	INVERT
				880	875	
				875	870	
				870	865	
5+00	6+00	7+00		865 +00	860	0+

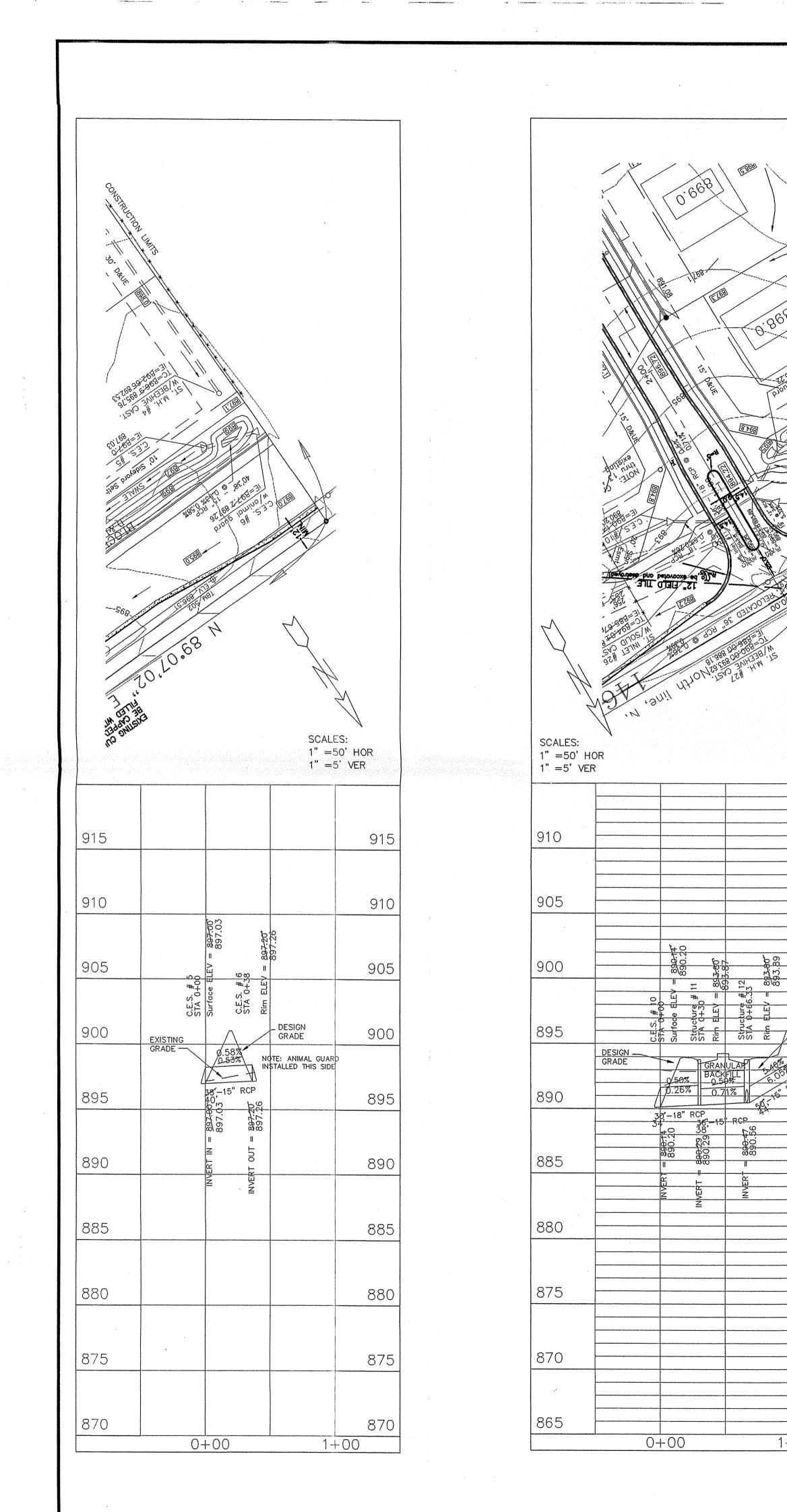
r's Office: One Hamilton Co. Square, Ste. 188, Noblesville, In 46

F

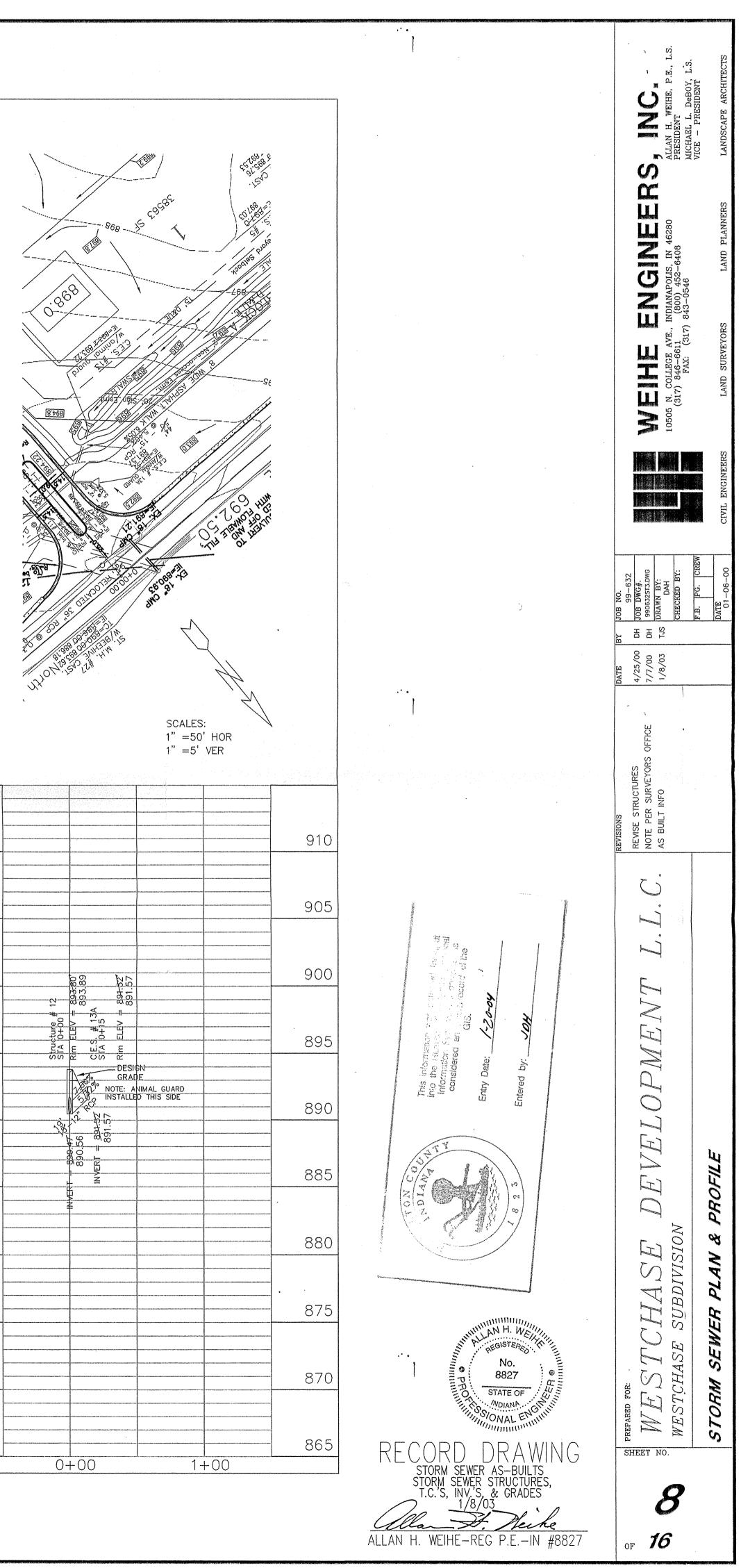


99-632

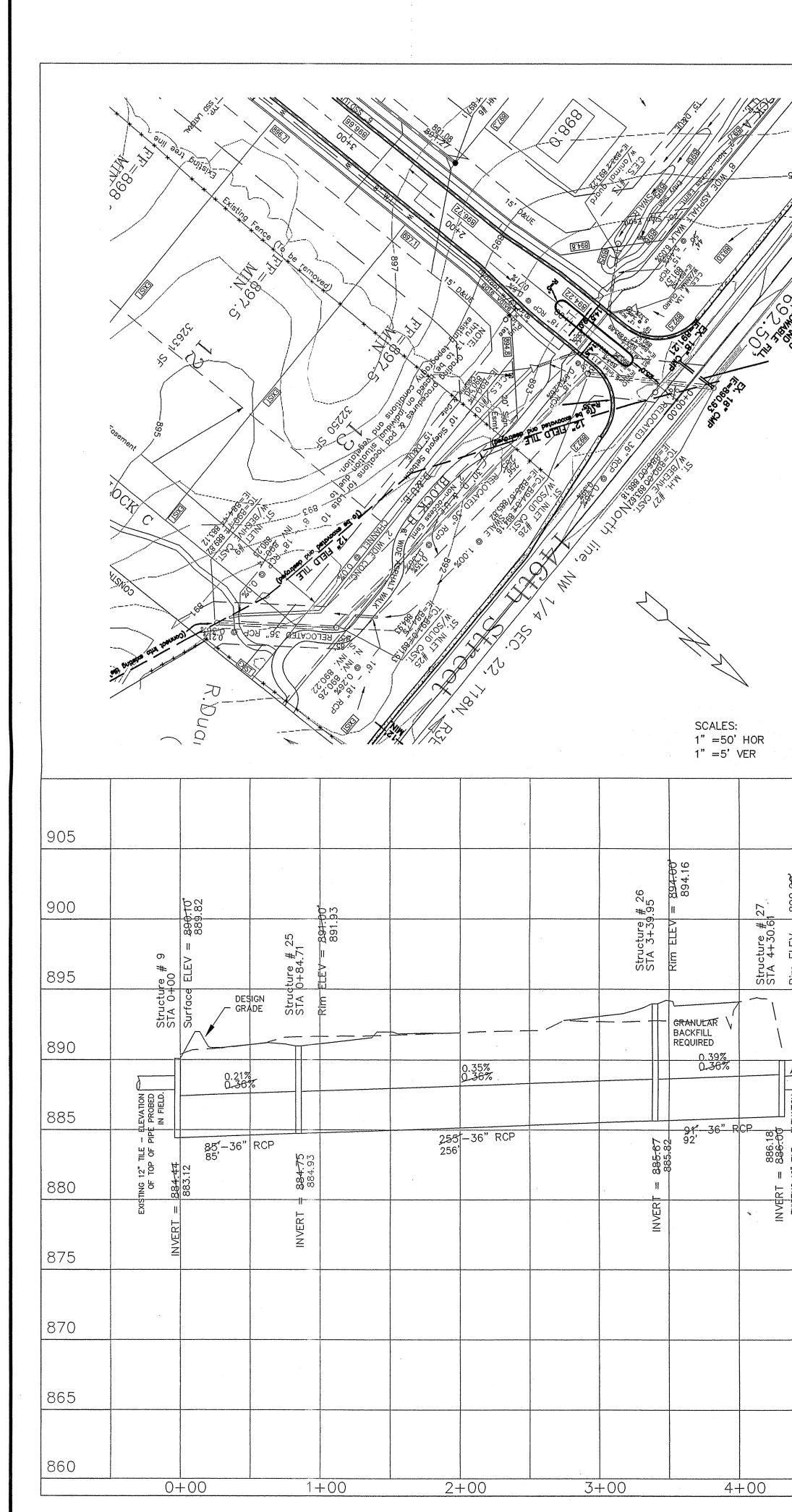
ł



							•	
	EEEE		Image: Second Mile Image: Second	88,79 888,79 87,74 87,70 80,700 80,700 80,700 80,700 80,700 80,700 80,70000000000	$\begin{array}{c c c c c c c c c c c c c c c c c c c $			
		SCALES: 1" =50' 1" =5' V	557 0001	2 2 1	-10		3 <u>- in in in i</u>	
	910	910			910	<u> </u>	910	
	905	905	e stion Three 892.88		905	5	905	
EV = 893,80 CE.S. # 13 STA 11+16.33 Rim ELEV = 893,20 Rim ELEV = 893,20	900	900	Existing Structure Kingsborough Section STA 0+00 Surface ELEV = 892.8	C.E.S. # 19 STA 0+46 Rim ELEV = 888.65	900	<u>D</u>	900	
	895 NL GUARD HIS SIDE	895	EXISTING GRADE	DESIGN GRADE	895	5	895	
A INSTALLED TI	890	890		NOTE: ANI 59% INSTALLED	IMAL GUARD THIS SIDE	0	890	
	885	885		8"-RCP \$200 \$20	885	5	885	
	880	880		INVERT	880	2	880	
· · · · · · · · · · · · · · · · · · ·	875	875			875	5	875	
	870	870			870	2	870	
1+00	865	865	0+00			5	865	



99-632



Several particular several sev		
		905
= <u>893.62</u> 893.62		900
Rim ELEV		895
ATTACH EX. 12" TILE TO PROPOSED STRUCTURE – PROPER CONNECTION/INVERT DETERMINED IN FIELD.		890
EXISTING 12" TILE - ELEVATION OF TOP OF PIPE PROBED IN FIELD.		885
		880
		875
		870
		 865
5+00	6+00	860 7+00



This information was gathered for input intuitive standard comp Geographical in writing System sits document is of isoered at cost at record of the GIS. Entry Cate: 1-16 -04

Entered by

£. • /•

.

