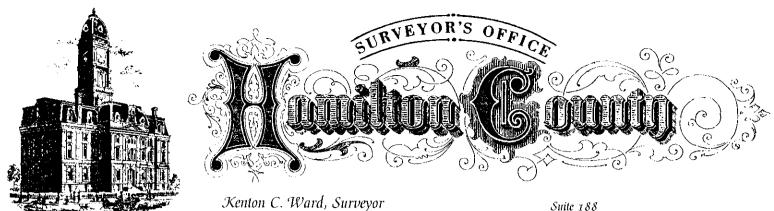
Drain: Honkle Creek Estates	Drain #:34/			
Improvement/Arm: Section 1	Arm			
Operator: SLM	Date: 9-15-04			
Drain Classification: Urban/Bur	al Year Installed: 2003			

GIS Drain Input Checklist

٠	Pull Source Documents for Scanning	9-16-04 SIM
•	Digitize & Attribute Tile Drains	
٠	Digitize & Attribute Storm Drains	
٠	Digitize & Attribute SSD	
•	Digitize & Attribute Open Ditch	
•	Stamp Plans	
•	Sum drain lengths & Validate	*****
•	Enter Improvements into Posse	9-16-04 SIM
•	Enter Drain Age into Posse	9-16.04 51m
•	Sum drain length for Watershed in Posse	9-16-04 Slm
•	Check Database entries for errors	

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

- 1



Kenton C. Ward, Surveyor Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

March 18, 2003

To: Hamilton County Drainage Board

Re: Hinkle Creek Estates Drain Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section I Arm, Hinkle Creek Estates 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	5,198	ft	21″	RCP	379	ft
12″	RCP	2,625	ft	24″	RCP	854	ft
18″	RCP	341	ft				

The total length of the drain will be 9,397 feet.

The retention pond "A" located on lots 13 & 14 is not be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond will be the responsibility of the Homeowners Association. The Board will however, 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. 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.

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 \$10.00 per acre, \$10.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$1,333.40.

Parcels assessed for this drain may be assessed for the Sly Run or Beals & Cox Drain at sometime in the future.

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 easements widths as shown on the secondary plat for Hinkle Creek Estates Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for April 28, 2003.

Kendon C. Ward Hamilton County Surveyor

KCW/pll

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Hinkle Creek Estates Drain, Section 1 Arm

On this 28th day of April 2003, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Hinkle Creek Estates Drain, Section 1 Arm.

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 assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

Inette Masbaug Attest/

HCDB-2003-20005



PERFORMANCE BOND NO.

15-801143

Bond Safeguard INSURANCE COMPANY

1919 S. Highland Avenue, Bldg. A-Suile 300 Lombard, Illinois 60148-4979

KNOW ALL MEN BY THESE PRESENTS:

ThatF	DJ Custom Homes, Inc.
	, and the BOND SAFEGUARD INSURANCE COMPANY, a corporation of the State of Illinols,
with its Executive Office in Lombard, III Office, 33 N. 9th Street, Suite 2	ois, (hereinafter called Surely). are held and firmly bound unto Hamilton County Commissioner 38, Noblesville, IN 46060 (hereinafter called Obligee), in the full and just sum
of VoorEighteen Thousand, Five Hund	red Seventy-Six and 00/1000000000000 Dollars (\$ 100/18,576.0000000000).
To the payment of which sum, well and	uly to be made, the Principal and Surety bind themselves, their and each of their heirs, executors
administrators, successors and assigns,	ointly and severally, firmly by these presents.

Signed, sealed and dated this	13	day of	February	, 20 03
WHEREAS, the Principal has entered into a certain	13	day of February		
Hinkle Creel \$18,576,00	, A.D. 20	03 , with the Obligee for		

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, That, if the Principal shall indemnify the Obligee against any and all loss or damage directly arising by reason of the failure of the Principal to faithfully perform said contract, then this obligation shall be vold; otherwise to remain in full force and effect.

This bond is executed and accepted upon the following express conditions precedent:

1. That the Obligee shall faithfully and punctually perform all the terms and conditions of said contract to be performed by the Obligee.

2. That if the Principal shall abandon said contract or be lawfully compelled by reason of a default to cease operations thereunder, the Surety shall have the right at its option to complete said contract or to sublet the completion thereof.

3. That the Obligee shall notify the Surely by registered letter, addressed and malled to it at its Executive Office, of any breach of said contract within a reasonable time after such breach shall have come to the knowledge of the Obligee, or the Architect, or Engineer.

4. That the Surety shall not be liable for any provisions of the contract or specifications respecting guarantees of efficiency or wearing qualities, or for maintenance or repairs, not is the Surety obligated to furnish any other bond covering such provisions of the contract or specifications.

5. All suits at law or proceedings in equity to recover on this bond must be instituted within twelve months after the completion of said contract, and in any event within twelve months from the date fixed in said contract for its completion.

RDJ Custom Homes, Inc.

WITNESS	XX	By XX Executive Vice PRES (Seal) Tille
		BOND SAFEGUARD INSURANCE COMPANY
WITNESS	XX	This copy printed from the Diggal Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noolesville. In 46060 Targany Henkle Altorney-in-fact

POWER OF ATTORNEY

Bond Safeguard INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS, that BOND SAFEGUARD INSURANCE COMPANY, an Illinois Corporation with its

principal office in Lombard, Illinois, does hereby constitute and appoint:

William W. Hector, Michael E. Bruce.

Tammy D. Henkle, or Shelly R. Satek

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of BOND SAFEGUARD INSURANCE COMPANY on the 7th day of November, 2001 as follows:

Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$500,000.00, Five Hundred Thousand Dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Vice President, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall; with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, BOND SAFEGUARD INSURANCE COMPANY has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 7th day of November, 2001.



BOND SAFEGUARD INSURANCE COMPANY

David E. Campbell

President

ACKNOWLEDGEMENT

On this 7th day of November, 2001, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of BOND SAFEGUARD INSURANCE COMPANY, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
"OFFICIAL SEAL"
JANET L. COPPOCK
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 8/14/05
·····

. Coppack whet a Janet L. Coppock Notary Public

CERTIFICATE

I, the undersigned, Secretary of **BOND SAFEGUARD INSURANCE COMPANY**, An Illinois Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Lombard, Illinois this $_1$	3th Day of	February	_, ₂₀ 03
AN ILLINOIS INSURANCE COMPANY		Donald	Donald D. Buchanan Secretary

1 ~ ~

.

5. . . . **,**

(* . .

ы. .

CDB-2003-00006

PERFORMANCE BOND NO.

15-801142



Bond Safeguard INSURANCE COMPANY

1919 S. Highland Avenue, Bldg. A-Suite 300 Lombard, Illinois 60148-4979

KNOW ALL MEN BY THESE PRESENTS:

That RDJ Custom Homes, Inc.

Signed, sealed and dated this WHEREAS, the Principal has entered	February 13	, 20 _{0.3} day of February		
				03 , with the Obligee for
Hinkle Creek Estates S	Section 1 - Storm Sev	ver \$249	,289 and Su	bservice \$30,910

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, That, if the Principal shall indemnify the Obligee against any and all loss or damage directly arising by reason of the failure of the Principal to faithfully perform said contract, then this obligation shall be void; otherwise to remain in full force and effect.

This bond is executed and accepted upon the following express conditions precedent:

1. That the Obligee shall faithfully and punctually perform all the terms and conditions of said contract to be performed by the Obligee.

2. That if the Principal shall abandon said contract or be lawfully compelled by reason of a default to cease operations thereunder, the Surety shall have the right at its option to complete said contract or to sublet the completion thereof.

3. That the Obligee shall notify the Surety by registered letter, addressed and mailed to it at its Executive Office, of any breach of said contract within a reasonable time after such breach shall have come to the knowledge of the Obligee, or the Architect, or Engineer.

4. That theSurety shall not be liable for any provisions of the contract or specifications respecting guarantees of efficiency or wearing qualities, or for maintenance or repairs, not is the Surety obligated to furnish any other bond covering such provisions of the contract or specifications.

5. All suits at law or proceedings in equity to recover on this bond must be instituted within twelve months after the completion of said contract, and in any event within twelve months from the date fixed in said contract for its completion.

WITNESS

PP

WITNESS

RDJ Custom Homes, Inc. PRINCIPAL XX (Seal) Title

BOND SAFEGUARD INSURANCE COMPANY

вv XX

POWER OF ATTORNEY

Bond Safeguard INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS, that BOND SAFEGUARD INSURANCE COMPANY, an Illinois Corporation with its

principal office in Lombard, Illinois, does hereby constitute and appoint:

William W. Hector, Michael E. Bruce,

Tammy D. Henkle, or Shelly R. Satek

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of BOND SAFEGUARD INSURANCE COMPANY on the 7th day of November, 2001 as follows:

Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$500,000.00, Five Hundred Thousand Dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Vice President, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, BOND SAFEGUARD INSURANCE COMPANY has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 7th day of November, 2001.



BOND SAFEGUARD INSURANCE COMPANY

David E. Campbell

President

ACKNOWLEDGEMENT

On this 7th day of November, 2001, before me, personally came David E. Campbell to me known, who being duly sworn, did depose and say that he is the President of **BOND SAFEGUARD INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.



Janet L. Coppock Notary Public

CERTIFICATE

I, the undersigned, Secretary of BOND SAFEGUARD INSURANCE COMPANY, An Illinois Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Lombard, Illinois this13	_ Day of 20 03
AN ILLINOIS INSURANCE COMPANY	Aonald D. Buchanan Donald D. Buchanan Secretary

.

ľ,

.

. . .

. . .

. .

• •

FEB 1 8 2003

OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Hinkle Creek Estates, Section 1

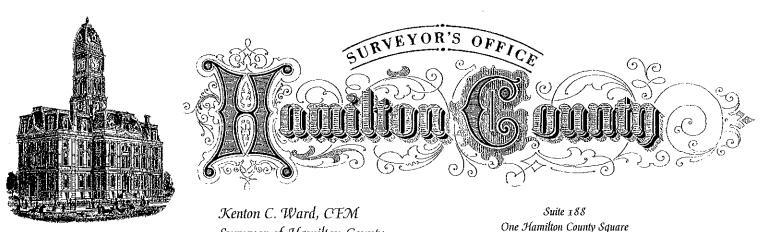
I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana .

- 2. I am familiar with the plans and specifications for the above referenced subdivision .
- 3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision .
- 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in comformity with all plans and specifications.

Signature: Lilu	Dmini	Date: October 8, 2003
Type or Print Name:_	Leland D. Miller Jr.	
Business Address:	948 Conner Street	
***	Noblesville, Indiana 460	060
Telephone Number: _	(317) 773-2644	
		and a second
SEAL	INDIA	NA REGISTRATION NUMBER

S0083



Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

January 18, 2013

Re: Sly Run Drain: Hinkle Creek Estates, Sec. 1

Attached are as-builts, certificate of completion & compliance, and other information for Hinkle Creek Estates, Sec. 1. 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 May 18, 2003. The report was approved by the Board at the hearing held April 28, 2003. (See Drainage Board Minutes Book 7, Pages 46-48) The changes are as follows:

The 6" SSD was shortened from 5,198 feet to 5,172 feet. The 12" RCP was shortened from 2,625 feet to 2,573 feet. The 18" RCP was lengthened from 340 feet to 341 feet. The 21" RCP was shortened from 379 feet to 378 feet. The 24" RCP was lengthened from 854 feet to 2,056 feet. The length of the drain due to the changes described above is now 10,519 feet.

The non-enforcement was approved by the Board at its meeting on April 28, 2003and recorded under instrument #200300122517.

The following sureties were guaranteed by Bond Safeguard and expired on February 13, 2005.

Bond-LC No: 15801142 **Insured For:** Storm Sewers **Amount:** \$280,199.00 **Issue Date:** February 13, 2003 Bond-LC No: 15801143 **Insured For:** Erosion Control Amount: \$18,576.00 Issue Date: February 13, 2003

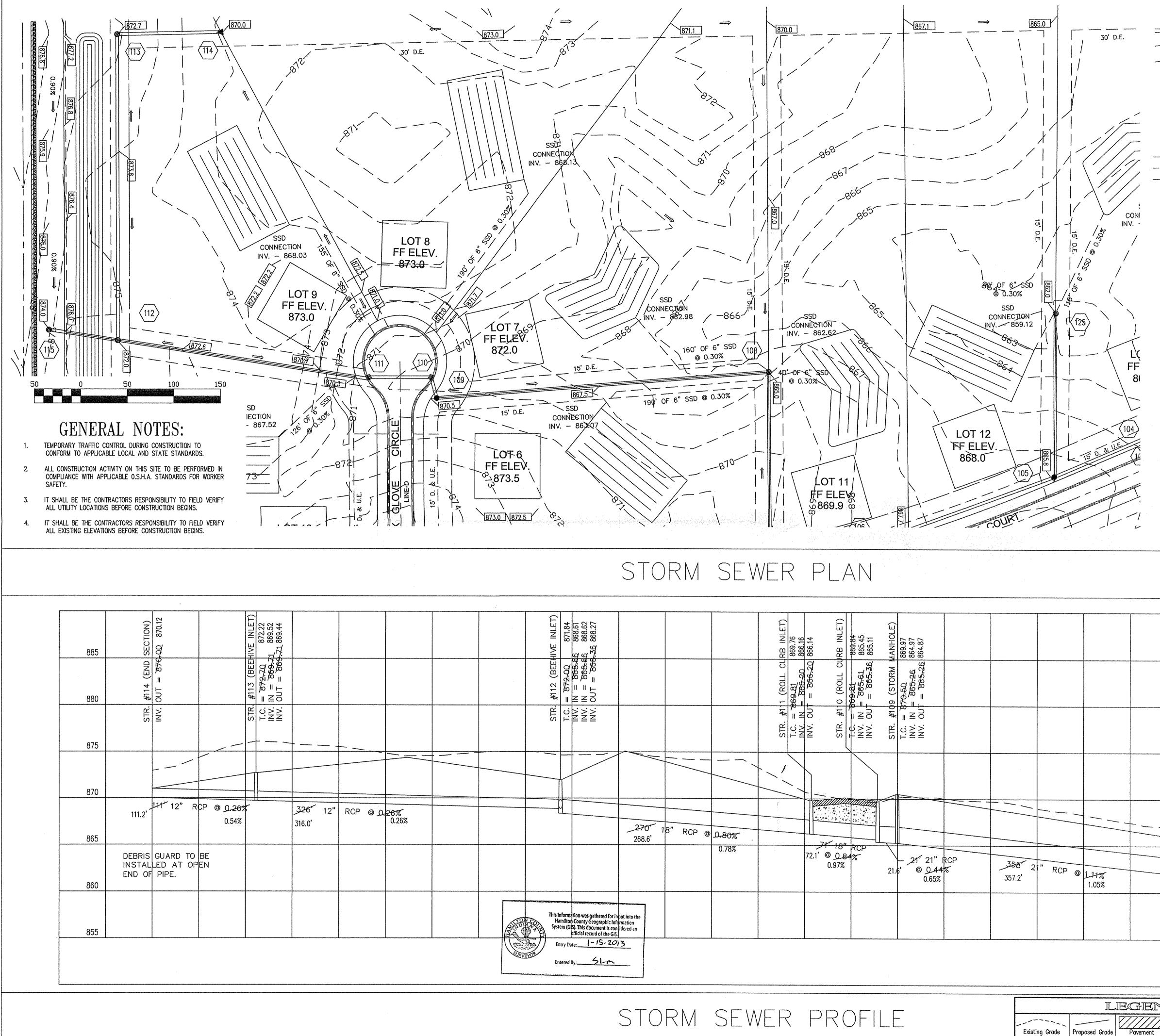
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/slm

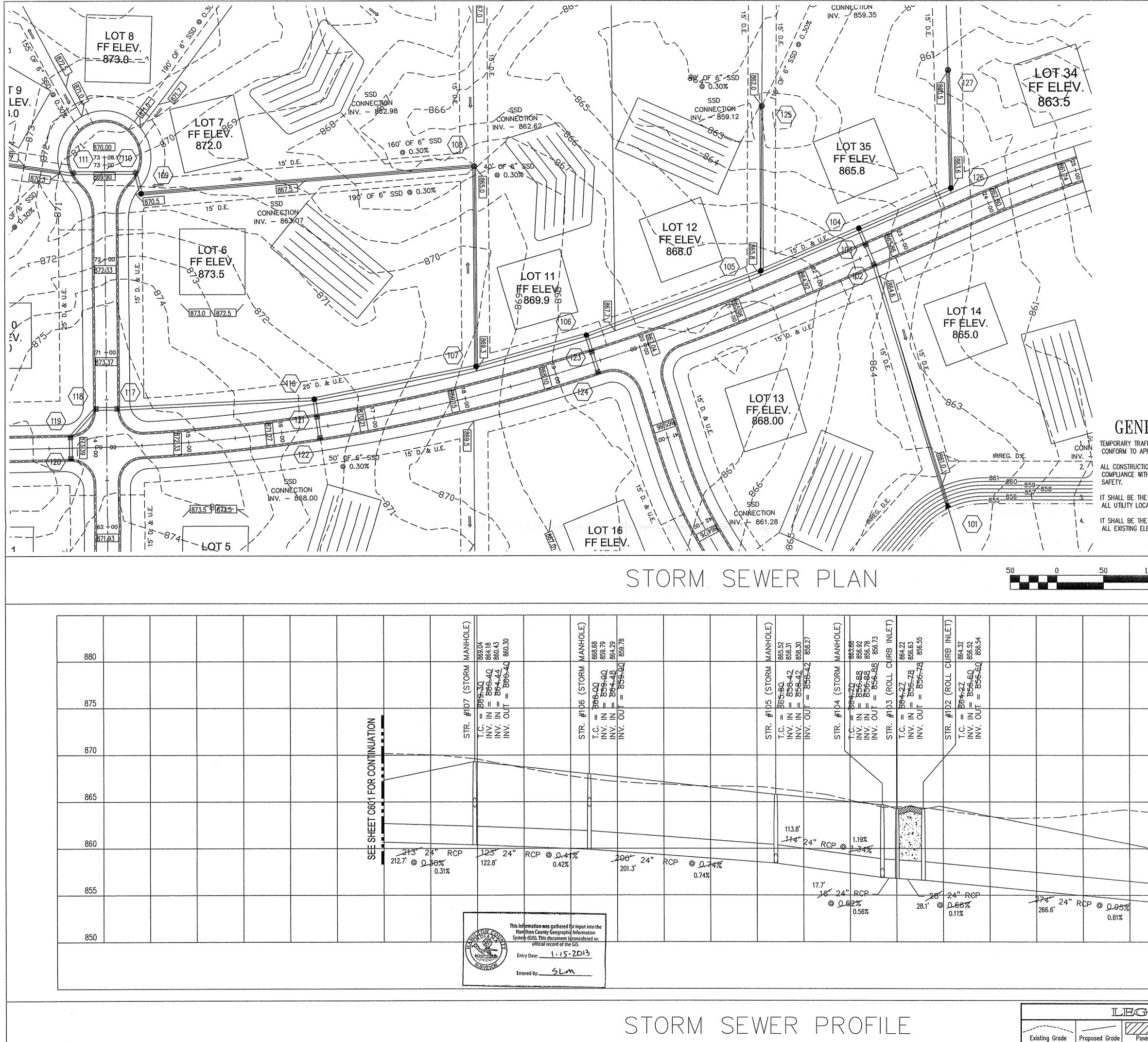
t



LEC

	SIO	RM	SEV	VER	PL/	λN						
STR. #112 (BEEHIVE INLET) T.C. = 872.00 871.84 INV. IN = 868.60 868.61 INV. IN = 868.62 868.62 INV. IN = 868.46 868.62 INV. OUT = 868.236 868.27	270 1 268.6'	8" RCP @	0.78%	STR. #111 (RO T.C. = 869.81 INV IN = 865.81	INV. OUT = 866.20 INV. OUT = 866.20 STR. #1.0 (ROLL CU STR. #1.0 (ROLL CU			RCP	35.00			
This information was gathered for	input into the				0.97%		21.6' © Q.4- 0.65%		<u>358</u> 2 357.2'	" RCP 🎯	1_17% 1.05%	
This information was gathered for Hamilton County Geographic tr System (GS). This document is co official record of the Gi Entry Date:	213											

LEGEND New Storm Sewer 000 Existing Contour 000 Proposed Contour 000 Proposed Grades 000 Storm Structure Number Flow Arrow Denotes Elevation and Approximate Pad Size Building Setback Line Easement Boundary Proposed Right-of-Way RSSUMED NORTH SCALE: 1" = 50' New Storm Structure Number Flow Arrow Call 2 WORKING DAYS BEFORE YOU DIG 1-800-382-5544 Call 70L FRE PFR INDIANA STATE LAW IS-69-1991. Call 70L FRE PF	CIVIL ENGINEERIA VARA ENGLERIA VARA ENCORPORATED CIVIL ENGINEERIA VARA ENGLIGIER AVENUE, SUITE 2 INDIANAPOLIS, INDIANA 46220 (317) 251-1738 (FAX) 251-1923 WW.ITW-Engineering.com
Leland D. Miller, Jr. #S0083 Date Miller Surveying, Inc. No. S0083 State of No. SURVEY Molection SURVEY No. SURVEY No. SURVEY SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY No. SURVEY MULL SURVEY No. SURVEY No. SURVEY SURVEY SURVEY No. SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY SURVEY BENCHMARKS: SURVEY SURVEY HAM G-78 INDIANA DEPARTMENT OF HIGHWAYS BRONZE DISK SET SURVEY INN.W. CORNER OF 1ST BRIDGE EAST OF US 31 ON SURVEY SURVEY S.R. 38 ELEV = 877.53 TBM <td>AS-BUILT STORM SEWER PLAN & PROFILES REVISIONS: 111-26-02-CEW-REVISED PER CUENT 2 3 3 4 (REF:</td>	AS-BUILT STORM SEWER PLAN & PROFILES REVISIONS: 111-26-02-CEW-REVISED PER CUENT 2 3 3 4 (REF:
TOP OF MAG NAIL FOUND @ S.W. CORNER N.W. 1/4, SEC. 21–19–4 ELEV = 868.66 SCALE: 1"=50' $1 + \frac{2}{5} \approx \frac{9}{5} \approx$	E CREEK ESTATES SECTION ONE HINKLE ROAD TON COUNTY, INDIANA
875 870 870 870 870 870 865 865 865 860 213 ⁻ 24" RCP ⊕ 0.90% HU 213 ⁻ 24" RCP ⊕ 0.90% HU 855 855	No. PE19800489 STATE OF NDIANA BY: DATE:
SCALE: HORZ.: 1"=50' Verent Granular Backfill	SHEET C601 OF 25 JOB#: MSI.005

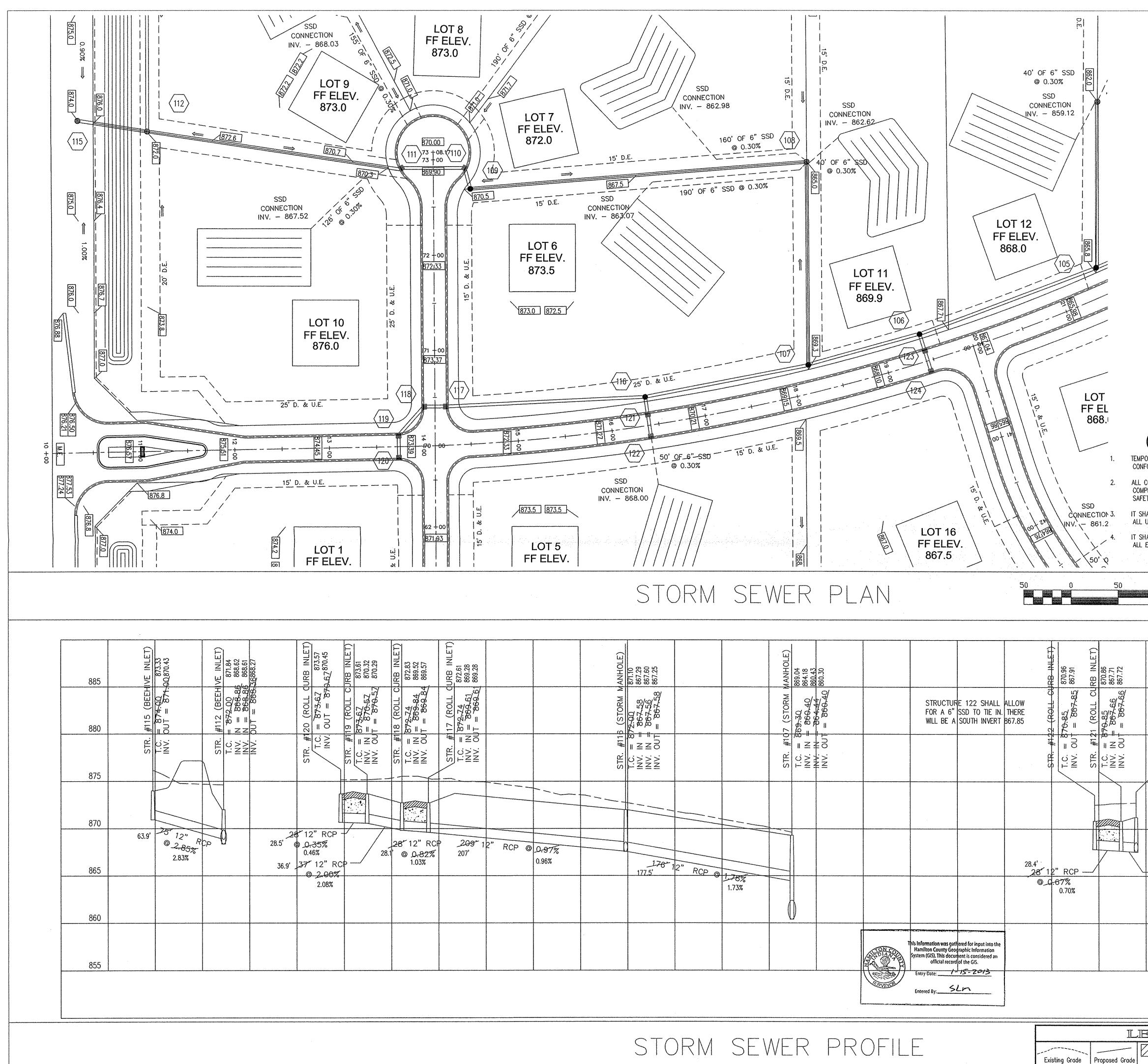


This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

	L	EG
Existing Grade	Proposed Grade	Pav

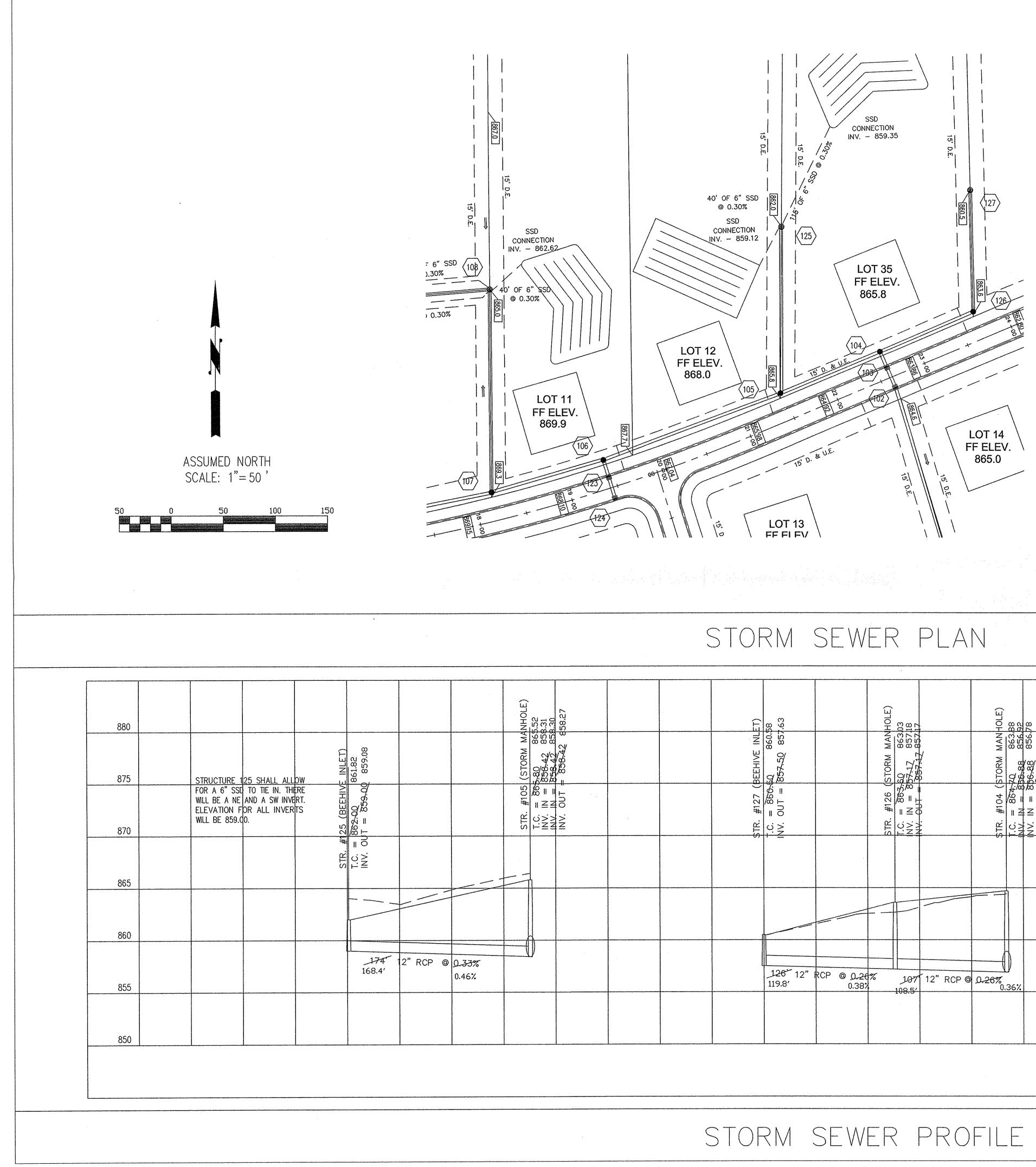
	OT 1 F ELE	6 ≣V. \			861.28							1 1 7		4. IT SHALL ALL EXIS	BE THE CO
		ST(ORM	SE	WE	ER	PL	AN				50	0	50	100
MANHOLE)	868.68 859.79 864.29	859.78			(ANHOLE)	865.52 858.31 858.30	858.27 MANHOLE)	863.88 856.92 856.78 856.78 856.73	CURB INLET)	864.22 856.63 856.55	CURB INLET) 864.32 856.52 30 856.54				
106 (STORM	868.00 = 859.90 = 864.48	06.658 = TU			1p5 (STORM	865 . 80 = 858.42 = 858.42	0017 = 858.42 #104 (STORM	884.70 = 856.88 = 856.88]T = 856.88	D3 (ROLL	864.27 = 856.78 JT = 856.78	#102 (ROLL CL = 864.27 IN = 856.60 OUT = 856.60				
STR. #1					STR. #1	T.C. = INV. IN INV. IN	-		STR. #1	T.C. = INV. IN INV. OU	STR. # 1.C. = INV. IN INV. 00				
		· ·····													
0.415		2024				113.8' _174-	24" RCP (1.19% 1.34%							
0.47% 0.42%		200 ¹ 24" 201.3'	RCP © <u>0</u> . 0.74			4		1" RCP			C 24" RCP 0 D.66%		274 24"	RCP @ 0.95	
pathered for input int eographic Informatic cument is considered ord of the GIS.								- 6 2% 0.56%		20.1	0.11%		266.6'	0.81%	6
<u>1-15-2013</u> SLM	~														

00 0000 0 0 0 0 CE Th Of	00 Ex 00 Pr 000 Pr 000 St 000 St 000 St 000 Ar 000.0 Ar 000.0 Ar ERTIFICATION I	ew Storm Se disting Conte coposed Con- oposed Grad orm Structu ow Arrow enotes Eleve oproximate ailding Setbe sement Bol coposed Rig BY SURVEYC SBUILT DRA ge and belie installation.	bur tour les tre Number tion and Pad Size ack Line undary nt—of—Way R WINGS, page f a true and	ASSUMED SCALE: 1	l"= 50' C606 are, to t		T D" LAW" BEFORE YOU DIG -5544 REE W IS-69-1991. W TO EXCAVATE E UNDERGROUND D (2) WORKING	TYLE ENGINEERING INCORPORATED	6285 NORTH COLLEGE AVENUE, SUITE INDIANAPOLIS, INDIANA 46220 (317) 251-1738 (FAX) 251-1923 www.rw-engineering.com
Mi	eland D. Miller liller Surveying	, Jr. #S0(, Inc.	A.)83	Date NO. D. MILLING NO. SOO83 STATE OF SURVENING	/31/2009 .e ENCHMA	RKS:		T STORM SEWER & PROFILES	REVIEW BY: EAG DATE: 09/25/02 FILE NAME: MS/005/DWCS/C602 XREF:
NERAL TRAFFIC CONTROL DU APPLICABLE LOCAL UCTION ACTIVITY ON WITH APPLICABLE O THE CONTRACTORS LOCATIONS BEFORE THE CONTRACTORS G ELEVATIONS BEFOR	URING CONSTRUC L AND STATE ST THIS SITE TO B 0.S.H.A. STANDAI RESPONSIBILITY CONSTRUCTION	ction to andards. E performed RDS for word To field ver Begins. To field ver	KER IFY	HAM G-78 INDIANA DEPAR IN N.W. CORNEI S.R. 38 TBM	TMENT OF HIGH R OF 1ST BRIDG AIL FOUND @ S	WAYS BRONZE DIS E EAST OF US 3 ELEV = 877.5	53	AS-BUIL PLAN	REVISIONS: 1 11-26-02-CEW-RENSED PER CLIENTS REMEW 3 4
100	150		S	CALE:	1"=50'			TATES	, INDIANA
SECTION) 2 854.38						380		K EST V ONE	ROAD JNTY, IN
STR. #101 (END S INV. IN = 854:00					8	375		ECTION	HINKLE FOUNCOUNC
						370		С Ш П	HAMILTO
			****		8	365		N N N N N N N N N N N N N N N N N N N	HA
	DEBRIS	GUARD	ГО BE			360		LINER C. I	HILLING AND
	INSTAL END OI	GUARD LED AT F PIPE.	OPEN			355		PE1980 STATE	Q489
			nanta artikan na kana mana atalaga kana da kana			350		BY:	
GEND Povement Gro	anular Backfill		SCALE	- HORZ	.: 1"=50 : 1"=5')3		DATE: SHE CG o 25 JOB#: MSI.0	502 5



DF 6" SSD 0.30% SSD NNECTION - 859.12	Of my knowledge and belief a tru SEWER SYSTEM installation.	Aumber and Size Line Iry ASSUMED NORTH	HOLEY MOLEY SAYS DON'T DIG BLIND BLIND MELIND	CIVIL ENCINEERS - LAND SURVEYORS - DEVELOPMENT CONSULTANTS CIVIL ENCINEERS - LAND SURVEYORS - DEVELOPMENT CONSULTANTS 6285 NORTH COLLEGE AVENUE, SUITE 2 INDIANAPOLIS, INDIANA 46220 (317) 251-1738 (FAX) 251-1923 WWW.TW-engineering.com
LOT FF EL 868.	Leland D. Miller, Jr. #S0083 Miller Surveying, Inc.	B/31/2009 Date No. S0083 STATE OF SURVENING	MARKS:	STORM SEWER & PROFILES Drawn by: eag date: 09/25/02 File name: msi/005/dwcs/c606 Xref:
1. TEMPORARY CONFORM 2. ALL CONSTI COMPLIANC SAFETY. 3. IT SHALL B ALL UTILITY 4. IT SHALL B ALL EXISTIN 50' Q	INERAL NOTES: TRAFFIC CONTROL DURING CONSTRUCTION TO TO TO APPLICABLE LOCAL AND STATE STANDARDS. RUCTION ACTIVITY ON THIS SITE TO BE PERFORMED E WITH APPLICABLE 0.S.H.A. STANDARDS FOR WOR E THE CONTRACTORS RESPONSIBILITY TO FIELD VER LOCATIONS BEFORE CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VER CONSTRUCTION BEGINS.	HAM G-78 INDIANA DEPARTMENT OF IN N.W. CORNER OF 1ST E S.R. 38 TBM TOP OF MAG NAIL FOUND N.W. 1/4, SEC. 21-19-4	HIGHWAYS BRONZE DISK SET BRIDGE EAST OF US 31 ON ELEV = 877.53	S AS-BUILT PLAN REVISIONS: 111-26-02-CEW-REVISED PER CLENT 4
#122 (ROLL CURB INLET) = 870.85 870.96 OUT = 867.85 870.91 OUT = 867.85 867.91 IN = 867.66 867.71 OUT = 867.66 867.71 OUT = 867.66 867.71 OUT = 867.66 867.71 OUT = 867.66 867.71	= 874.25 871.10 $= 867.58 867.60$ $= 867.56 867.29$ $0.01 = 867.58 867.25$ $= 867.58 867.25$ $= 867.63 867.78$ $= 867.63 867.78$ $= 867.63 867.78$ $= 867.63 864.91$ $= 867.63 864.91$ $= 867.63 864.91$ $= 867.63 864.91$	SCATE: $1"$ = 264.53 NV. OUT = 864.53 864.65 NV. OUT = 864.53 864.65 STR. #106 (STORM MANHOLE) STR. #106 (STORM MANHOLE) STR. #106 (STORM MANHOLE) NV. OUT = 8559.90 859.60 NV. IN = 8559.90 859.79 INV. OUT = 859.60 859.79 INV. OUT = 859.60 859.79 INV. OUT = 859.60 859.79 INV. OUT = 859.90 859.79 INV. OUT = 859.90 859.79 859.7	, 885 880 875 870	HINKLE CREEK ESTATE SECTION ONE HINKLE ROAD HAMILTON COUNTY, INDIAN
17.5 12" RCP 17.5 0.70%	8' 12" RCP © 0.50% 0.67% 28.2' 28 12" RCP © 0.35% 0.89% 17.2' 16' 12" RCP © 0.35% 1.98%		865 860 855	PE19800489 STATE OF STATE OF STATE OF STATE OF STATE OF BY:
	SC Sconular Backfill	ALE: HORZ.: 1"=5	50'	DATE: SHEET C603 OF 25 JOB#: MSI.005

 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				······································			·							··· ·· ··· ·· · · ····	
MANHOLE)	8/1.10 867.29 867.25 867.25			MANHOLE)	864.18 864.18 860.43	00000					867.91	CURB INLET) 870.86	867.71 867.72		074 40
 5 (STORM	772:00 867.58 867.58 867.58 = 867.58			7 (STORM				STRUCTUF FOR A 6" WLL BE A	e 122 Shall SSD to tie in. South invert	ALLOW THERE 867.85	<u></u>	21 (ROLL CL 370.85	= 867.66	(STORM	
STR. #11	T.C. N.C. N.C. N.C. N.C. N.C. N.C. N.C.			. #1	∥≧≩						$\frac{1}{100}$	#		STR. #1	ן (ר
	176-	2" RCP @								28.4' 281	2" RCP -			17.9	
			1.73%							<i>ل</i> ـ©	.67% 0.70%				
								This information was gat Hamilton County Geo System (GIS). This docur official record	raphic Information nent is considered an of the GIS.						-
							VIOD	Entry Date:	15-2013						



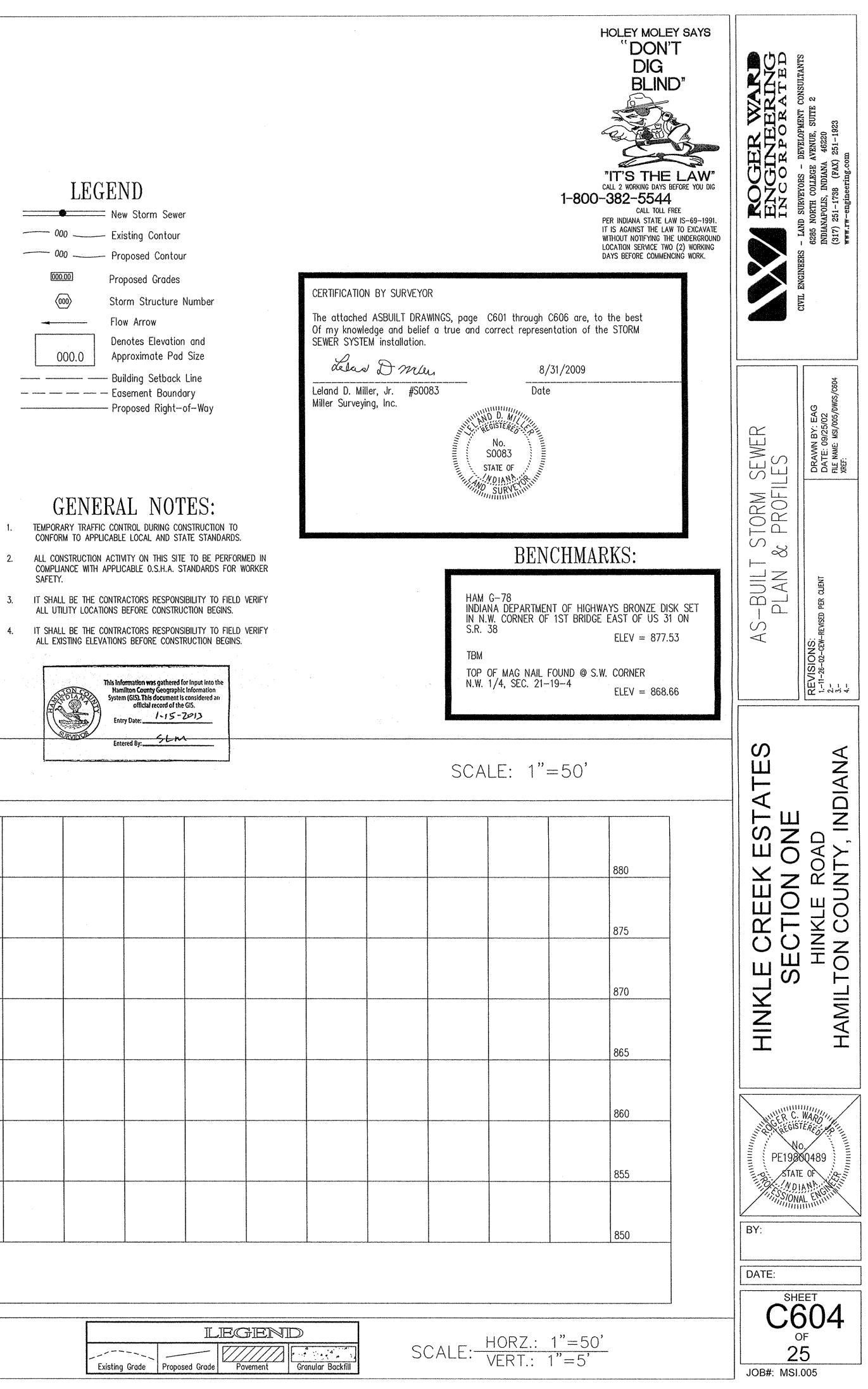
This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

				· · · · · · · · · · · · · · · · · · ·						
	EHIVE INLET)	0.5 0 860,58 = 857.50 857,63		(STORM MANHOLE)		TORM MANHOLE)	588 856.92 588 856.78 56.88 856.73			
	\$TR. #127 (BE	T.C. = 860.50 NV. OUT = 857.50		STR. #126 (ST(T.C. = 863.60	₹ ⋪	STR. #104 (S1 T.C. = 864;40	$\frac{NV. NV}{NV. IN} = \frac{836.88}{56.88}$ $\frac{NV. IN}{NV. OUT} = \frac{836.88}{8356.88}$			
un un van un un besteren en ante										
		126 12" 119.8′	RCP © 0.26 0.38%		977 12" RCP @ 5′	0.36	×.			

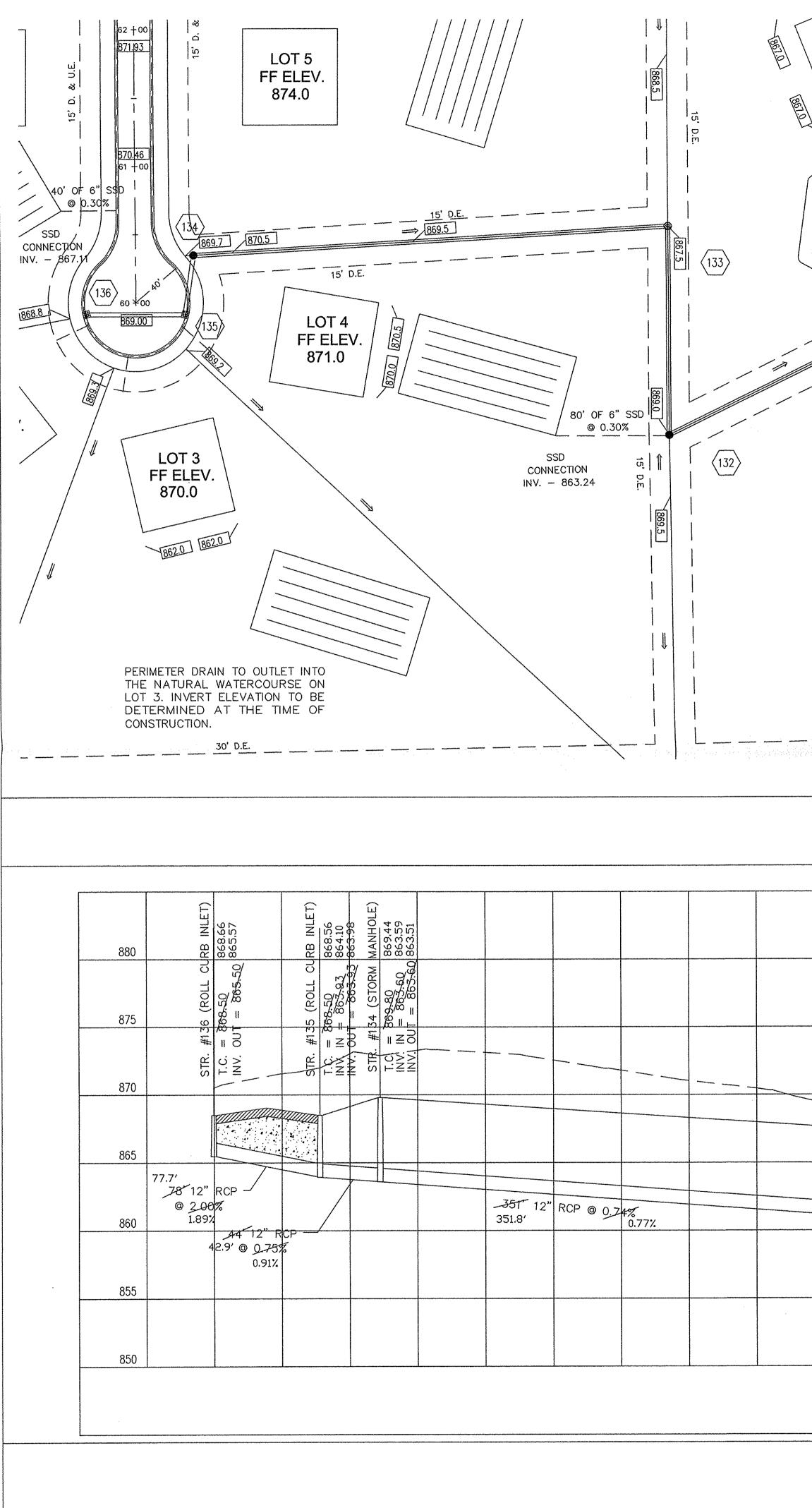
- Storm Structure Number
- Denotes Elevation and

GENERAL NOTES:

- 1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- 2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN SAFETY.
- 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY



STORM	SEWER	
		L



EBSSEL IS DE IS DE IS DE IS DE IS DE IS DE IS DE	50 0.	© Q SSD CONNEC 130 SSD CONNEC INV 8		85'	N 1 6 8 4 0F 6" SSD / 0F 6" SSD / 0 0.30%	ORMAL F OO-YEAI			GE TEMPORARY CONFORM TO ALL CONSTRUCT SAFETY. IT SHALL BE ALL UTILITY IT SHALL BE ALL EXISTING
ST	ORM	SEW	ER PL	AN		Ę	50 0	C	i0
STR. #133 (BEEHIVE INLET) T.C. = 867.50 867.15 INV. IN = 867.00 860.81 INV. OLT = 864.00 860.60		STR. #132 (STORM MANHOLE) T.C. = 869.00 INV. IN = 859.80 INV. IN = 859.80 859.45 INV. OUT = 859.80 859.45	STRUCTURE 132 SH FOR A 6" SSD TO T WILL BE A WEST INVE	IALL ALLOW IE N. THERE ERT 863.00	STRUCTURE 1. FOR A 6" SSD WILL BE A SOU	31 SHALL ALLOW TO TIE IN. THERE TH INVERT 860.00	$\frac{\#131 (BEEHIVE}{= 802.50}$ $\frac{= 857.06}{001 = 857.06}$	STR. #130 (ROLL CURB INLET) T.C. = 863.08 863.62 INV. IN = 856.82 856.57 INV. OUT = 856.82 856.55	STR. #129 (ROLL CURB INLET) $1.C. = \frac{663.08}{853.60}$ 863.60 $1.V. IN = 856.30$ 856.18
153 12" RC 155.0'	P @ <u>0.79%</u> 0.70%			357 12" F 348.4'	RCP @ 0.78% 0.74%	22.6			
						Ó	12" RCP	55	5.4' ⁶⁷ 12 © <u>3.4</u> 3.5

STORM SEWER PROFILE

Existing Grade Proposed Grade Proposed Grade

LEGEND New Storm Sewer 000 Existing Contour 000 Proposed Contour 000 Proposed Grades 000 Storm Structure Number Flow Arrow 000.0 Denotes Elevation and Approximate Pad Size Building Setback Line Easement Boundary Proposed Right-of-Way CALL 2 WORKING DAYS BEFORE YOU DIG 1-800-382-5544 CALL 2 WORKING 1-800-382-5544 CALL 2 WORKING 1-800-382-5544 1-800-382-5544 CALL 2 WORKING	CIVIL ENCINEERS - LAND SURVEYORS - DEVELOPMENT CONSULTANTS CIVIL ENCINEERS - LAND SURVEYORS - DEVELOPMENT CONSULTANTS 6285 NORTH COLLEGE AVENUE, SUITE 2 INDIANAPOLIS, INDIANA 46220 (317) 251-1738 (FAX) 251-1923 WWW.IW-engineering.com
Leland D. Miller, Jr. #S0083 Date Miller Surveying, Inc. No. S0083 STATE OF	STORM SEWER & PROFILES drawn by: eag date: 09/25/02 file name: msi/005/dwcs/c605 xref:
EXAMPLE ADDRESS: TRAFFIC CONTROL DURING CONSTRUCTION TO TO APPLICABLE LOCAL AND STATE STANDARDS. RUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN E WITH APPLICABLE 0.S.H.A. STANDARDS FOR WORKER E THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY A LOCATIONS BEFORE CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY NG ELEVATIONS BEFORE CONSTRUCTION BEGINS. E THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY. HAM G-78 INDIANA DEPARTMENT OF HIGHWAYS BRONZE DISK SET IN N.W. CORNER OF 1ST BRIDGE EAST OF US 31 ON S.R. 38 ELEV = 877.53 TBM TOP OF MAG NAIL FOUND © S.W. CORNER N.W. 1/4, SEC. 21-19-4 ELEV = 868.66	AS-BUILT PLAN & PLAN & REVISIONS: 111-26-02-CEW-RENSED PER CLIENT 3 4
100 150 SCALE: 1"=50'	STATES VE INDIANA
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	HINKLE CREEK EST SECTION ONE HINKLE ROAD HAMILTON COUNTY, IN
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PE19800489 STATE OF NO. BY:
Granular Backfill SCALE: HORZ.: 1"=50' VERT.: 1"=5'	DATE: SHEET C605 OF 25 JOB#: MSI.005

S60° or 6° Stop Image: Stop </th <th>(14) (</th>	(14) (
CONNECTION Image: A state of the set of th	(141) This information was gathered for input into the Handhon Courty Geographic Information Sector 15 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
SCALE: 1"= 50' CERTIFICATION BY SURVEYOR 0 50 100 150 The attached ASBUILT DRAWINGS, page C601 through C606 are, to the best Of my knowledge and belief a true and correct representation of the STORM SEWER SYSTEM installation. Event D men DENICIIMADIZE: 8/31/2009 Leland D. Miller, Jr. #S0083 Date	Entry Date: 1:15.2013 Entered By: <u>96 M</u> Entered By: <u>96 M</u> 000 Existing Contour
A G-78 ANA DEPARTMENT OF HIGHWAYS BRONZE DISK SET A.W. CORNER OF 1ST BRIDGE EAST OF US 31 ON 38 ELEV = 877.53	000 Proposed Contour GENERAL NOTES: 000 Proposed Crades 1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS. 000 Storm Structure Nu 2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE 0.S.H.A. STANDARDS FOR WORKER SAFETY. Flow Arrow 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS. Building Setback Lin
ST(ST(870 870 870 870 870 870 870 870	STORM SEWER PLAN
Original Original Original Original Original Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shall allow Image: Structure 143 Shallow <	STR. #141 (BEEHIW NV. OUT = 857-50 INV. OUT = 849-15 INV. OUT = 849-15
855 94* 24' RCP 85.86' © 0.73% 2109'	
850 0.56% 210.9 0.66% DEBRIS GUARD TO BE INSTALLED AT OPEN END OF PIPE. BE 0.66% 359.2' 0.60% 845 0.60% 0.60% 0.60% 0.60% 0.60%	.0% <u>400</u> 24" RCP <u>0.73%</u> <u>396.9</u> 0.70%
840	28 [°] 24 [°] 20.9 [°] © 0.73 5.5 [°]

				(BEEHIVE INLET) 75.50 858.01 849.45 850.0 = 849.45 849.81						VE INLET)
				$\frac{\#141 (BEEHI}{= 857.50}$ IN = 849.45 OUT = 849.45						#140 (BEEHIVE
				STR. T.C. = INV. II						STR.
356	5									
.2′	24" RCP	© D.73% 0.60%			_400' 396.9'	24" RCP	© 0 .73% 0.70%			
								، ور 20.9'	28 ⁷ 24" RCP © 0.73 % 5.5%	/

