





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

August 6, 2021

TO: Hamilton County Drainage Board

RE: Little Eagle Creek, Alva Osborn Drain—Atwater

Attached is a petition and plans for the proposed reconstruction of the Alva Osborn Drain. The reconstruction is being proposed by Olthoff Homes. The proposal is one part of a three part plan to reconstruct the Alva Osborne, George Coverdale and Stephens and Clark Drains as a part of the master plan for the Atwater Subdivision. The reconstructions are per plans by HWC Engineering, having Job No. 2019-157-A and dated January 3, 2020.

The new system described in this report will intercept the George Coverdale and Alva Osborn Drains in the form of a new open ditch running from west to east and then south along the north and east limits of the Atwater Subdivision. An overview of the new ditch can be found on Sheet C1.16 labeled Emergency Flood Route.

The Reconstruction of the Alva Osborn Drain shall begin at the northern limits of the subdivision at Station 85+53 per the drains original 1914 description and at the proposed Structure 289 as shown on Sheets C1.18 and C6.5 in the above referenced plans. The drain then runs south for 26 feet with 60" RCP before outletting into the new open ditch at Structure 288 per the plans. This is located at Station 20+45 per the profile on Sheet C1.18 of the plans. The new open ditch then runs east for 255 feet before turning south at Station 23+00 of the profile and running for 666 feet before outletting into a box culvert at Station 29+66 which runs for 94 feet to Station 30+60 thence continuing as an open ditch another 334 feet before outletting into a culvert which will run beneath Six Points Road for 95 feet before outletting into the existing Alva Osborn Open Ditch as shown on Sheet C1.19 of the plans. The existing tile for the Alva Osborn Drain will be removed from Station 85+53 to Station 97+93 per the original 1914 Alva Osborn description. The entirety of the 1978/2002 SCS Outlet Reconstruction Arm at Six Points Road beginning at approximately Station 96+93 per the Alva Osborn original description and running south for 80 feet before emptying into an aluminum drop structure will also be reconstructed as part of this project.

The reconstructed drain shall consist of the following:

60" RCP

26 feet

72"x60" Box Culvert

94 feet

96"x72" Box Culvert

95 feet

Open Ditch

1,361 feet

The total length of the reconstructed drain was 1,576 feet. The proposal will increase the length of regulated drain by 436 feet.

The overall cost of reconstruction will be paid by Olthoff Homes.

The petitioner has provided the Performance Bond as follows:

Storm Sewers

Bonding Company:

Lexon Insurance Com

Bond Number:

LICX1196190

Bond Date:

October 27, 2020

Bond Amount:

\$586,964.40

Erosion Control

Bonding Company:

Lexon Insurance Com

Bond Number:

LICX1196191

Bond Date:

October 27, 2020

Bond Amount:

\$84,689.00

Two offsite easements have been granted with the reconstruction of the Alva Osborn Drain and are located on two separate parcels, parcel 08-05-22-00-00-020.000 owned by Carey & Son's, Inc. and parcel 08-05-22-00-00-020.001 owned by Steven M. & Linda L. Osborne. Prior to the hearing, the easement grants have been reviewed approved and Recorded Instrument Numbers 2021035342 and 2021035253 respectively.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The non-enforcement is for the altering of the regulated drain easement widths as shown in the above referenced plans and secondary plat for Atwater.

recommend that the Board set a hearing for this proposed drain for September 27, 2021.

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA



IN RE:	Olthof Homes; Atwater Section 1)
Har	nilton County, Indiana)

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

	Ed Recktenwall	(hereinafter Petitioner"),
hereby	petitions the Hamilton County Drainage Board for authorit	y to relocate and improve a
section	of the Alva Osborn	Drain, and in support of
said p	ition advises the Board that:	
1.	Petitioner owns real estate through which a portion of the	Alva Osborn
	Drain runs.	
2.	Petitioner plans to develop its real estate with roads, buildi	ngs, utilities, storm drains,
	sanitary sewers and other structures.	
3.	Petitioner's proposed development of its real estate will rea	quire relocation and
	reconstruction of a portion of the Alva Osbor	n Drain, as
	specifically shown on engineering plans and specifications	filed with the Hamilton
	County Surveyor.	
4.	The work necessary for the proposed relocation and recons	truction will be undertaken at
	the sole expense of the Petitioner and such work will result	in substantial improvement to
	the Drain, without of	cost to other property owners
	on the watershed of the Alva Osborn	
,	HEREFORE, Petitioner requests that an Order issued from	the Hamilton County
Draina	e Board authorizing relocation and reconstruction of the _	Alva Osborn
Drain,	n conformance with applicable law and plans and specifica	tions on file with the Hamilton
Count	Surveyor.	
	Signed Car	defeur Redelever
	Edward Te	Peddleway)
	Printed	,

Adobe PDF Fillable Form

FILED

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

NOV 0 2 2020				
MIIV II / /II/II	VON	02	2020	1

IN RE:	Atwater Development LLC; Atwater Section 1			
]	Hamilton County, Indiana)		

OFFICE OF HAMILTON COUNTY SURVEYOR

	PETITION FOR RELOCA	ATION AND RECONST	RUCTION
	Atwater Develop	pment LLC	(hereinafter Petitioner"),
hereby	petitions the Hamilton County Dra	ainage Board for authorit	y to relocate and improve a
section	of the Alva C	Osborn	Drain, and in support of
	tition advises the Board that:		
1.	Petitioner owns real estate through	h which a portion of the	Alva Osborn
	Drain runs.		
2.	Petitioner plans to develop its real	l estate with roads, buildi	ngs, utilities, storm drains,
	sanitary sewers and other structure	es.	
3.	Petitioner's proposed developmen	nt of its real estate will rea	quire relocation and
	reconstruction of a portion of the	Alva Osbor	n Drain, as
	specifically shown on engineering	g plans and specifications	filed with the Hamilton
	County Surveyor.		
4.	The work necessary for the propos	sed relocation and recons	truction will be undertaken at
	the sole expense of the Petitioner	and such work will result	in substantial improvement to
	theAlva Osborn	Drain, without of	cost to other property owners
	on the watershed of the	Alva Osborn	Drain.
V	VHEREFORE, Petitioner requests	that an Order issued from	the Hamilton County
Draina	ge Board authorizing relocation an	nd reconstruction of the	Alva Osborn
Drain,	in conformance with applicable la	w and plans and specifica	ations on file with the Hamilton
County	Surveyor.		
		Signed Ca	2 Eddewy
		Edward To	Zeddlww (

Adobe PDF Fillable Form

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Little Eagle Creek Drain, Alva Osborn Arm, Atwater Station 85+53 to Station 97+93

On this 27th day of September, 2021, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Little Eagle Creek Drain, Alva Osborn Arm, Atwater (Station 85+53 to Station 97+93).

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the Little Eagle Creek Drain, Alva Osborn Arm, Atwater (Station 85+53 to Station 97+93).

HAMILTON COUNTY DRAINAGE BOARD

Member

Member

Attest: Lynette Maskoung

STATE OF INDIANA)

BEFORE THE HAMILTON COUNTY

DRAINAGE BOARD

NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

Little Eagle Creek Drain, Alva Osborn Arm, Atwater

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the Little Eagle Creek Drain, Alva Osborn Arm, Atwater came before the Hamilton County Drainage Board for hearing on September 27, 2021, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the Little Eagle Creek Drain, Alva Osborn Arm, Atwater be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

AMILTON COUNTY DRAINAGE BOARD

PRESIDENT

Member

Member

ATTEST

Olthof Homes

Project: Atwater Section 1 HWC Project No. 2019-157

Date: 10/16/2020



OCT 2 0 2020



	PERFORMANCE BOND - ENGINEER	S ESTIN	IATE	_		
	ITEM NAME:	UNIT	QUANTITY	l	INIT COST	AMOUNT
STORM SEWER						
	42" RCP	LF	19	\$	70.00	\$ 1,330.00
	48" RCP	LF	145	\$	75.00	\$ 10,875.00
	60" RCP	LF	357	\$	80.00	\$ 28,560.00
	RENO MATTRESS	CY	590	\$	300.00	\$ 177,000.00
	MANHOLE, LARGE	EA	5	\$	4,000.00	\$ 20,000.00
	STANDARD INLET	EA	5	\$	2,000.00	\$ 10,000.00
	DOUBLE INLET	EA	1	\$	4,000.00	\$ 4,000.00
	6'X5' BOX CULVERT	LF	94	\$	1,100.00	\$ 103,400.00
	8'X6' BOX CULVERT	LF	95	\$	1,400.00	\$ 133,000.00
	REMOVE EXISTING 66"X84" ELLIPTICAL CMP	LF	36	\$	27.00	\$ 972.00
		STO	ORM SEWE	RS	UBTOTAL:	\$ 489,137.00
	STORM SEWER	PERFO	RMANCE B	ON	D (120%):	\$ 586,964.40
	ITEM NAME:	UNIT	QUANTITY	L	JNIT COST	AMOUNT
EROSION CONTROL						
	PERIMETER SILT FENCE	LF	13709	\$	1.25	\$ 17,136.25
	TEMPORARY SEEDING W/MULCH	SY	8250	\$	0.25	\$ 2,062.61
	PERMANENT SEEDING W/MULCH	SY	30603	\$	0.50	\$ 15,301.28
	PERMANENT SEEDING W/BLANKET	SY	22529	\$	1.25	\$ 28,160.69
	CURB INLET PROTECTION	EA	0	\$	150.00	\$ -
	CORB INLET PROTECTION	LA				
	YARD INLET PROTECTION YARD INLET PROTECTION	EA	6	\$	75.00	\$
	YARD INLET PROTECTION CONSTRUCTION ENTRANCE	EA SY	6 696	\$	10.00	\$ 6,963.33
	YARD INLET PROTECTION	EA SY LS	6 696 1	\$ \$	10.00 500.00	\$ 450.00 6,963.33 500.00
	YARD INLET PROTECTION CONSTRUCTION ENTRANCE	EA SY LS	6 696	\$ \$	10.00 500.00	\$ 6,963.33

This Engineer's Estimate is an opinion of probable construction cost made on the basis of Engineer's experience and represent Engineer's judgement as a qualified professional generally familiar with the industry. However, since Engineer has no control over the cost of materials, equipement, labor or market conditions, Engineer cannot guarantee that actual construction cost will not vary from this Engineer's Estimate.

Hope Martin, P.E.

Hope A. Martin

HWC Engineering

SUBDIVISION BOND

Bond No.: LICX1196190	Principal Amount: \$586,	964.40
KNOW ALL MEN BY THESE PRESENTS, that we Atwater Development, LLC		at .
8051 Wicker Ave., Ste. A, St. John, IN 46373		
as Principal, and		
Lexon Insurance Company		
12890 Lebanon Road, Mt. Juliet, TN 37122	aa	TX
Corporation, as Surety, are held and firmly bound unto Hamilton County Drainage Board		
1 Hamilton County Square, Suite 188 Noblesville, IN 46060		
as Obligee, in the penal sum of		
Five Hundred Eighty Six Thousand Nine Hundred Sixty Four I		
	586,964.40), lawful	
United States of America, for the payment of which well are our heirs, executors, administrators, successors and assigns presents.		
WHEREAS, Atwater Development, LLC has agr	eed to construct in	
Atwater - Section 1 Subdivision, in Nobles	ville, IN the follo	owing
improvements:		0
Storm Sewer		
Name of the second		
a a		
NOW, THEREFORE, THE CONDITION OF THIS OF Principal shall construct, or have constructed, the improver Obligee harmless from any loss, cost or damage by reason this obligation shall be null and void, otherwise to remain i upon receipt of a resolution of the Obligee indicating that the or completed, will complete the improvements or pay to the Principal amount of this bond which will allow the Obligee	nents herein described, and of its failure to complete sain in full force and effect, and ne improvements have not e Obligee such amount up	I shall save the id work, then the Surety, been installed to the
Upon approval by the Obligee, this instrument may improvements are completed.	be proportionately reduce	d as the public
Signed, sealed and dated, this 27th day of October	, 20 <u>20</u>	
		Went Wall
Atwater Development, LLC L. Principal	exon Insurance Company Surety	SEAL)
	y: Col Muse ames Hoore Attorney.	in-Fact



POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: James I. Moore

as true and lawful Attorney(s)-in-Fact to make, execute, seal, and deliver for, and on its behalf as surety or co-surety; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of Five Million Dollars (\$5,000,000.00).

Surety Bond No.: LICX1196190 Principal: Atwater Development, LLC Obligee: Hamilton County Drainage Board

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each Company has caused this instrument to be signed by the following officers, and its corporate seal to be affixed this 15th day of June, 2019.

Endurance Assurance Corporation

By: Full M QMA

Richard Appel; SMAR Sentor Counse

By: Heldurance American Ingurance Company By: Heldurance Company Richard Appel: SNR-8, Senior Counse By: Lector M. Cypel
Richard Appel; SVP & Senior Counse

Bond Safeguard
Insurance Company

History

Appel: SVP. & Senior Counsel



SEAL 1996 DELAWARE

ACKNOWLEDGEMENT

On this 15th day of June, 2019, before me, personally came the above signatories known to me, who being duly sworn, did depose and say that he/they the little of each of the Companies; and that he executed said instrument on behalf of each Company by authority of his office under the by-dws of each Company.

My Commission Expires 5/9

By: Amy Taylor, Notary Public

CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

 That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked, amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;

2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and said resolutions have not since been revoked, amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company any and all bonds, undertakings or obligations in surety or co-surety with others: RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARIANNE L. WILBERT

; and be it further

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company."

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this

ly: Daniel S. Lurie, Secretary

NOTICE: U. S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

27th

day of

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surely bond or other surety coverage provided. This Notice provides information concerning possible impact on your surely coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists organizations, and narcotics traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website — https://www.treasury.gov/resource-center/sanctions/SDN-List.

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surely bond or other form of surely coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

Any reproductions are void.

Surety Claims Submission: <u>LexonClaimAdministration@sompo-intl.com</u>
Telephone: 615-553-9500 Mailing Address: Sompo International; 12890 Lebanon Road; Mount Juliet, TN 37122-2070

State of Illinois } ss. County of DuPage }

On October 27, 2020, before me, Alexandra Sartori, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Lexon Insurance Company the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires July 5, 2024

Alexandra Sartori, Notary Public

OFFICIAL SEAL
ALEXANDRA SARTORI
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires July 5, 2024

Commission No. 840142

RIDER

To be attached to and form a part of Bond No. LICX1196190

Effective:

October 27, 2020

Bond Amount:

\$586,964.40

Executed by: Atwater Development, LLC

as Principal

and by:

Lexon Insurance Company

as Surety

in favor of:

Hamilton County Drainage Board

as Obligee

In consideration of the mutual agreements herein contained, at the request of the Principal, the Surety hereby changes the Obligee name and address to:

Hamilton County Commissioners

1 Hamilton County Square, Noblesville, IN 46060

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective: October 27, 2020

Signed and Sealed:

November 18, 2020

Atwater Development, LLC

Principal:

Principal

Lexon Insurance Company

Surety:



POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: James I. Moore, Stephen T. Kazmer, Dawn L. Morgan, Kelly A. Gardner, Jennifer J. McComb, Mellssa Schmidt, Tarlese M. Pisclotto, Diane Rubright, Amy Wickett, Martin Moss as true and lawful Attorney(s)-in-Fact to make, execute, seal, and deliver for, and on its behalf as surely or co-surely; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of FIFTEEN MILLION Dollars (\$15,000,000.00).

Such bonds and undertakings for said purposes, when duly executed by said attorney(s) in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each Company has caused this instrument to be signed by the following officers, and its corporate seal to be affixed this 15th day of

June, 2019. **Bond Safeguard** exon Insurance Company **Endurance American** Endurance Assurance Corporation Richard Appel: SMB/8. Senior Counsel DAKOTA 1996 COMPANY 2002 DELAWARE ACKNOWLEDGEMENT

On this 15th day of June, 2019, before me, personally came the above signatories known to me, who being duly sworn, did depose and say that he/they is all officer of each of the Companies; and that he executed said instrument on behalf of each Company by authority of his office under the by Aws of each Companys

> My Commission Taylor, Notary Public ON DOON CON

CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of altomey and of the whole thereof;

2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and said resolutions have not since been revoked, amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company any and all bonds, undertakings or obligations in surety or co-surety with others: RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARÍANNE L. WILBERT

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company."

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof,

day of November 20 20 IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this __18th_

Daniel S. Ldrie, Sec

NOTICE: U. S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surety bond or other surety coverage provided. This Notice provides information concerning possible impact on your surety coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists, terrorists organizations, and narcolics traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website - https://www.freasury.gov/resource-center/sanctions/SDN-List

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surely bond or other form of surely coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

> Any reproductions are vold. Surety Claims Submission: LexonClaimAdministration@somno-intl.com Telephone: 615-553-9500 Mailing Address: Sompo International; 12890 Lebanon Road; Mount Juliet, TN 37122-2870

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State of Illinois } ss County of DuPage }

On November 18, 2020, before me, Alexandra Sartori, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Lexon Insurance Company the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires July 5, 2024

Alexandra Sartori, Notary Public

OFFICIAL SEAL ALEXANDRA SARTORI NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires July 5, 2024

Commission No. 840142

SUBDIVISION BOND

Bond No.: LICX1196191	Principal Amount: \$84,68	9.00
KNOW ALL MEN BY THESE PRESENTS, that we		
Atwater Development, LLC		
8051 Wicker Ave., Ste. A, St. John, IN 46373		
as Principal, and		
Lexon Insurance Company		
	aa	TX
Corporation, as Surety, are held and firmly bound unto		
Hamilton County Drainage Board		
1 Hamilton County Square, Suite 188 Noblesville, IN 46060		
as Obligee, in the penal sum of		
Eighty Four Thousand Six Hundred Eighty Nine Dollars and	00/100	our - C+1- o
(Dollars) (84,689.00), lawful n	noney of the
United States of America, for the payment of which well	and truly to be made, we blid	l Ouiscives,
our heirs, executors, administrators, successors and assig	ms, jointly and severally, min	ly by these
presents.		
WHEREAS, Atwater Development, LLC has a	greed to construct in	
Atwater - Section 1 Subdivision, in Nob	esville IN the follo	wing
improvements:	307110, 117	
improvements.		
Erosion Control		
	,	
		. 10.4
NOW, THEREFORE, THE CONDITION OF THIS	OBLIGATION IS SUCH, th	at if the said
Principal shall construct, or have constructed, the improve	ements herein described, and	snall save the
Obligee harmless from any loss, cost or damage by reaso	n or its failure to complete sai	he Curety
this obligation shall be null and void, otherwise to remai	t the improvements have not	ne suicty, been installed
upon receipt of a resolution of the Obligee indicating that or completed, will complete the improvements or pay to	the Obligee such amount im t	o the
Principal amount of this bond which will allow the Oblig	the Congec such amount up the	ents
Principal amount of this bond which will allow the Cong	get to complete me improvem	CIII.
Upon approval by the Obligee, this instrument m	ay be proportionately reduce	as the public
improvements are completed.	my to proportionately remarks	
imployements are completed.		
Signed, sealed and dated, this 27th day of October	er , 20 <u>20</u>	
		Comment.
u .	•	THEURANCE COL
* * * * * * * * * * * * * * * * * * *		13/0 72
Atwater Development, LLC	Lexon Insurance Company	SEAL
Principal	Surety	NA SACH 10. 70 8
		E OF TE
By:	By:	That
•	James I. Moore Attorney-	III-ract



POWER OF ATTOR

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: James I. Moore

as true and lawful Attorney(s)-in-Fact to make, execute, seal, and deliver for, and on its behalf as surety or co-surety; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of Five Million Dollars (\$5,000,000.00).

Surety Bond No.: LICX1196191 Principal: Atwater Development, LLC Obligee: Hamilton County Drainage Board

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each Company has caused this instrument to be signed by the following officers, and its corporate seal to be affixed this 15th day of June, 2019.

Endurance Assurance Corporation

Endurance American

Lexon Insurance Company

Bond Safeguard

INSURANCE

Richard Appel: 2002



ACKNOWLEDGEMENT

My Commission Expires 5/9

On this 15th day of June, 2019, before me, personally came the above signatories known to me, who being duly sworn, did depose and say that he/they that officer of each of the Companies; and that he executed said instrument on behalf of each Company by authority of his office under the by was of each Company.

CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked, amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;

2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and said resolutions have not since been revoked; amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company any and all bonds, undertakings or obligations in surely or co-surely with others: RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARIANNE L. WILBERT

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company."

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof. October

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this 27th

Daniel S. Lurie.

day of

Taylor, Notary Public

NOTICE: U. S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surety bond or other surety coverage provided. This Notice provides information concerning possible impact on your surety coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists, terrorist organizations, and narcolles traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website - https://www.treasury.gov/resource-center/sanctions/SDN-List.

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surety bond or other form of surety coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

Any reproductions are void.

Surety Claims Submission: LexonClaimAdministration@sompo-intl.com Telephone: 615-553-9500 Mailing Address: Sompo International; 12090 Lebanon Road; Mount Juliet, TN 37122-2870 State of Illinois } ss.
County of DuPage }

On October 27, 2020, before me, Alexandra Sartori, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Lexon Insurance Company the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires July 5, 2024

Alexandra Sartori, Notary Public

OFFICIAL SEAL
ALEXANDRA SARTORI
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires July 5, 2024

Commission No. 840142

RIDER

To be attached to and form a part of Bond No. LICX1196191

Effective:

October 27, 2020

Bond Amount:

\$84,689.00

Executed by: Atwater Development, LLC

as Principal

and by:

Lexon Insurance Company

as Surety

in favor of:

Hamilton County Drainage Board

as Obligee

In consideration of the mutual agreements herein contained, at the request of the Principal, the Surety hereby changes the Obligee name and address to:

Hamilton County Commissioners

1 Hamilton County Square, Noblesville, IN 46060

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective: October 27, 2020

Signed and Sealed:

November 18, 2020

Atwater Development, LLC

Principal:

Principal

Lexon Insurance Company

Surety:



POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: James I. Moore, Stephen T. Kazmer, Dawn L. Morgan, Kelly A. Gardner, Jennifer J. McComb, Mellssa Schmidt, Tarlese M. Pisciotto, Diane Rubright, Amy Wickett, Martin Moss as true and lawful Altorney(s)-in-Fact to make, execute, seal, and deliver for, and on its behalf as surely or co-surely; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of FIFTEEN MILLION Dollars (\$15,000,000.00).

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repeated:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each June, 2019.	h Company has caused this instrument to be	a signed by the following officers, and its cor	rporate seal to be affixed this 15 th day of
By: Control Sharper Corporation By: Control Sharper Counsel By: Control	Endurance American Insurance Company By: Richard Appel, SNP, 8, Senior Counsel Con Insurance American By: By: By: By: By: By: By: By	By: Color Sylve Senior Counsel	Bond Safeguard Inqurance Company By: Rictiard Appel; SVP. & Senior Counse NSURANCE COMPANY SOUTH COMPANY SO
Management of the second	ACKNOWLE		Apple Salar Saplan
On this 15 th day of June, 2019, before me of the Companies; and that he executed s	e, personally came the above signatories kno said instrument on behalf of each Company b	By: MALE OUT	and say that he/thoy/ls/Afforiteer of each each Company.

CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked, amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;

2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and seld resolutions have not since been revoked, amended or modified:

*RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company any and all bonds, undertakings or obligations in surely or co-surely with others: RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARIANNE L. WILBERT

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company.

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this 18th day of November 20_20

NOTICE: U. S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surely bond or other surely coverage provided. This Notice provides information concerning possible impact on your surely coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists, terrorist organizations, and narcollos traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website - https://www.treasury.gov/resource-center/sanctions/SON-List.

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surely bond or other form of surely coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

Any reproductions are vold.

Surety Claims Submission: LexonClaimAdministration@sompo.intl.com Telephone: 615-553-9500 Mailing Address: Sompo International; 12890 Lebanon Road; Mount Juliet, TN 37122-2870 State of Illinois}
} ss.
County of DuPage }

On November 18 2020, before me, Alexandra Sartori, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Lexon Insurance Company the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires July 5, 2024

Alexandra Sartori, Notary Public

OFFICIAL SEAL
ALEXANDRA SARTORI
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires July 5, 2024

Commission No. 840142

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Little Eagle Creek Drain, Alva Osborn Arm, Atwater

NOTICE

						1101101
То	Whom	It	May	Concern	and:	

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the Little Eagle Creek Drain, Alva Osborn Arm, Atwater on September 27, 2021 at 9:00 A.M. in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE	OF :	INDIANA)				
)	SS	BEFORE	THE	HAMILTON
)				
COUNTY	OF	HAMILTON)		DRAINAC	SE BO	DARD

IN THE MATTER OF Little Eagle Creek Drain, Alva Osborn Arm, Atwater

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting September 27, 2021 adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

August 10, 2022

Re: Little Eagle Creek: Alva Osborn Drain - Atwater Relocation

Attached are as built, and other information for Atwater Section 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 August 6, 2021. The report was approved by the Board at the hearing held September 27, 2021. (See Drainage Board Minutes Book 20, Pages 163-165) The changes are as follows: the 60" RCP was shortened from 26 feet to 22 feet. The open ditch was shortened from 1361 feet to 1286 feet. The length of the drain due to the changes described above is now 1497feet. The project removed the original 20" tile from Station 85+53 to Station 97+93. Also removed was the 2002 SCS outlet Reconstruction Arm. It consisted of 80' of 24" plastic tile.

The non-enforcement was approved by the Board at its meeting on September 27, 2021 and recorded under instrument #2022015009.

The following sureties were guaranteed by Lexon Insurance Co. and released by the Board on its August 22, 2022, meeting.

Bond-LC: LICX1196190 Amount: \$586,964.40 For: Storm Sewers & SSD Issue Date: October 27, 2020 I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, CPM
Hamilton County Surveyor

Suzie L. Mills

From:

Shawn Donaldson <sdonaldson@hwcengineering.com>

Sent:

Friday, April 1, 2022 12:01 PM

To:

Tim Walsh; Suzie L. Mills; Luther M. Cline

Cc:

Hope Martin; kkibler@olthofhomes.com; Ed Recktenwall;

brobinson@stoeppelwerth.com; Jon Crawford

Subject:

RE: Atwater Section 1 - As-built Submittal

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tim,

We did get the remaining field work completed this week but I haven't been able to process it yet. I should be able to send over on Monday.

From: Tim Walsh <twalsh@platinum-properties.com>

Sent: Friday, April 1, 2022 11:57 AM

To: Shawn Donaldson <sdonaldson@hwcengineering.com>; Suzie L. Mills <Suzie.Mills@hamiltoncounty.in.gov>; Luther

M. Cline <Luther.Cline@hamiltoncounty.in.gov>

Cc: Hope Martin hmartin@hwcengineering.com; kkibler@olthofhomes.com; Ed Recktenwall

<erecktenwall@olthofhomes.com>; brobinson@stoeppelwerth.com; Jon Crawford <jcrawford@hwcengineering.com>

Subject: RE: Atwater Section 1 - As-built Submittal

Shawn, Have you been able to submit this to the county yet?

Thanks,

Tim Walsh Sr. Project Manager Platinum Properties Mgmt Co, LLC twalsh@platinum-properties.com 317,258,8577

From: Shawn Donaldson < sdonaldson@hwcengineering.com >

Sent: Monday, March 7, 2022 3:54 PM

To: Suzie L. Mills < Suzie. Mills @hamiltoncounty.in.gov >; Luther M. Cline < Luther. Cline@hamiltoncounty.in.gov >

Cc: Hope Martin < hmartin@hwcengineering.com >; kkibler@olthofhomes.com; Ed Recktenwall

<erecktenwall@olthofhomes.com>; Tim Walsh < twalsh@platinum-properties.com>; brobinson@stoeppelwerth.com;

Jon Crawford < icrawford@hwcengineering.com> Subject: RE: Atwater Section 1 - As-built Submittal

Suzie,

We collected structure information only. Our field manager has been made aware and we will collect that data and resubmit. Our apologies for any confusion.

From: Suzie L. Mills < Suzie.Mills@hamiltoncounty.in.gov>

Sent: Monday, March 7, 2022 1:30 PM

To: Shawn Donaldson < sdonaldson@hwcengineering.com >; Luther M. Cline < Luther.Cline@hamiltoncounty.in.gov >

Cc: Hope Martin < hmartin@hwcengineering.com >; kkibler@olthofhomes.com; Ed Recktenwall

<erecktenwall@olthofhomes.com>; Tim Walsh <twalsh@platinum-properties.com>; brobinson@stoeppelwerth.com

Subject: RE: Atwater Section 1 - As-built Submittal

Hi Shawn,

I am looking through the submittal posted on Friday. One major concern I have is the open ditch information provided. There is no indication by the lack of markings that the open ditch was surveyed for as-built elevations. Was the open ditch surveyed?

Thanks,

Suzie

From: Shawn Donaldson < sdonaldson@hwcengineering.com >

Sent: Friday, March 4, 2022 10:40 AM

To: Suzie L. Mills < Suzie.Mills@hamiltoncounty.in.gov>; Luther M. Cline < Luther.Cline@hamiltoncounty.in.gov>

Cc: Hope Martin < hmartin@hwcengineering.com >; kkibler@olthofhomes.com; Ed Recktenwall

<erecktenwall@olthofhomes.com>; Tim Walsh < twalsh@platinum-properties.com>; brobinson@stoeppelwerth.com

Subject: Atwater Section 1 - As-built Submittal

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Suzie,

Below is a link to the as-builts for Atwater Section 1. Please review at your earliest convenience and let us know if you need any additional information. Thank you.

Atwater Section 1 As-built Deliverables

Respectfully submitted,

Shawn Donaldson Project Surveyor

135 N. Pennsylvania Street, Suite 2800 Indianapolis, IN 46204 (o) 317-981-1290

(c) 317-652-6617

www.hwcengineering.com



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OVERALL GENERAL PROJECT NOTES

NOT ALL GAS, POWER, OR TELEPHONE LINES, WHETHER ABOVE OR BELOW GROUND, HAVE BEEN SHOWN ON THE DRAWINGS. ANY UNDERGROUND INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONTRACTORS BENEFIT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR PROTECTING ALL UTILITIES IN HIS WORK AREA WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATION OF THE UTILITIES MAY BE DIFFERENT FROM THAT SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES ENCOUNTERED IN THE WORK. WHETHER IN PUBLIC RIGHTS OF WAY OR ON PRIVATE PROPERTY, SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN IN SERVICE ANY UTILITIES WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION TO SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE UTILITY, IF MINOR CONFLICTS ARISE, THE CONTRACTOR MAY SHIFT THE PROPOSED LOCATION OF THE INSTALLATION

OF THE WORK. BEFORE WORKING WITH OR AROUND

UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL

BE NOTIFIED BY THE CONTRACTOR. . SAFETY PROVISIONS FOR THE WORK SHALL BE IN FULL COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF THE INDIANA OSHA AND ANY OTHER LOCAL STATE OR FEDERAL AGENCY HAVING JURISDICTION. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. CONTRACTOR SHALL AT MINIMUM, PROVIDE TRAFFIC CONTROL AS REQUIRED TO SAFELY PROTECT THE GENERAL PUBLIC, THE CONTRACTOR'S WORK FORCES AND THE WORK. TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. AND THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, STANDARD DETAILS AND GENERAL INSTRUCTIONS TO FIELD EMPLOYEES. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. THE OPTION OF THE OWNER AND/OR ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NO INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, FENCES, WARNING SIGNS, FLASHING LIGHTS, TEMPORARY WALKWAYS, AND TRAFFIC CONTROL DURING CONSTRUCTION. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS, REQUIREMENTS, SAFETY MEETING REQUIREMENTS AND AGENCY REQUIREMENTS FOR TRAFFIC CONTROL AND SAFETY PRECAUTIONS, THERE WILL BE NO SEPARATE

WHERE PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS OR BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER SUCH MONUMENTS ARE ENCOUNTERED AND CONFLICT WITH THE WORK, THE ENGINEER SHALL BE NOTIFIED BEFORE THEY ARE DISTURBED. THE MARKERS SHALL BE PROTECTED AFTER THE OWNER, ENGINEER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATIONS.

OR ADDITIONAL PAYMENT FOR THIS WORK.

ALL MATERIALS DENOTED "SALVAGED" SHALL BE STORED AND PROTECTED AT THE SITE FOR THE OWNER TO COLLECT OR FOR THE CONTRACTOR TO RE-USE AS INDICATED.

THERE SHALL BE NO CHANGES WITHOUT WRITTEN APPROVAL OF ENGINEER. 6. ALL GRADES AT BOUNDARY SHALL MEET EXISTING

CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING

REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.

. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS.

10. CONTRACTOR SHALL STAMP THE LETTER "S" IN THE CURB PERPENDICULAR TO THE LATERAL MARKER.

11. STRUCTURES RECEIVING SUB-SURFACE DRAIN (SSD) SHALL HAVE BOTH PORTS CORE DRILLED. "T" OR Y" BLIND CONNECTIONS ARE NOT ALLOWED.

12. ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY".

13. STRUCTURAL FILL: SHALL BE COMPACTED TO AT LEAST 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). SHALL BE FREE OF ORGANIC MATERIAL, DÉBRIS, DELETERIOUS MATERIALS AND FROZEN SOLIDS.

14. THE CITY OF WESTFIELD REQUIRES THAT DEVELOPERS PROVIDE INDOT APPROVED SNOWPLOWABLE RAISED PAVEMENT MARKERS (WITH BLUE REFLECTOR LENS) ADJACENT TO FIRE HYDRANT LOCATIONS. THE MARKERS SHALL BE INSTALLED ON THE CENTERLINE OF THE ROADWAY ONCE THE PAVEMENT SURFACE HAS BEEN PLACED. THE INSTALLATION AND MATERIAL OF THE SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL COMPLY WITH SECTIONS 800 AND 900 OF THE MOST RECENT REVISION OF THE INDOT SPECIFICATIONS AND STANDARD DRAWINGS. UNDER NO CIRCUMSTANCE SHALL THE TOWN ALLOW INSTALLATION OF A REFLECTOR THAT IS ONLY ATTACHED TO THE PAVEMENT SURFACE USING

15. ALL ROADS MUST BE BROUGHT BACK TO ORIGINAL OR BETTER CONDITION, INCLUDING BUT NOT LIMITED TO STRIPING, STONE SHOULDERS AND SIGNAGE. REPAIRS (i.e. STRIPING) SHALL COINCIDE WITH THE ADJOINING ROAD.

16. ALL COMMON AREA SIDEWALKS OR PATHS ARE TO BE CONSTRUCTED AS PART OF THE SITE INFRASTRUCTURE. INDIVIDUAL LOT SIDEWALKS TO BE CONSTRUCTED AT THE TIME OF HOME CONSTRUCTION.

17. ANY EXISTING FIELD/ DRAINAGE TILES DISCOVERED DURING CONSTRUCTION SHALL EITHER BE ROUTED INTO THE NEAREST PROPOSED STORM SEWER STRUCTURE OR CAPPED OFF (IF THE END OF THE TILE) PER LOCAL JURISDICTIONAL STANDARDS.

NOTE: ALL UTILITY CROSSINGS UNDER PAVEMENT SHALL BE JACK & BORED OR DIRECTIONAL DRILLED, AVOID OPEN CUTS.

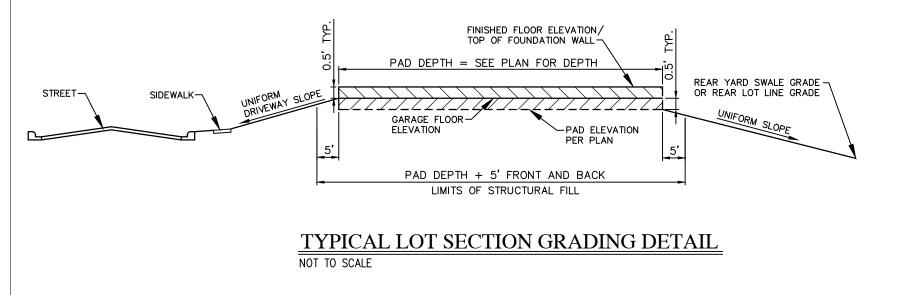
ALL STREET TREES ARE TO MATCH THE CURRENT CITY OF WESTFIELD MASTER TREE LIST.

STREET TREES SHALL NOT BE WITHIN

FOUR (4) FEET OF ANY PAVEMENT.

THERE SHALL BE NO TREES WITHIN TEN (10) FEET OF ANY STORM SEWER INCLUDING SSD.

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(IN FEET)

917.49 FL

916.68 FL

VAR. B.L.

ATWATER WATER MAIN RELOCATION BY CITIZENS

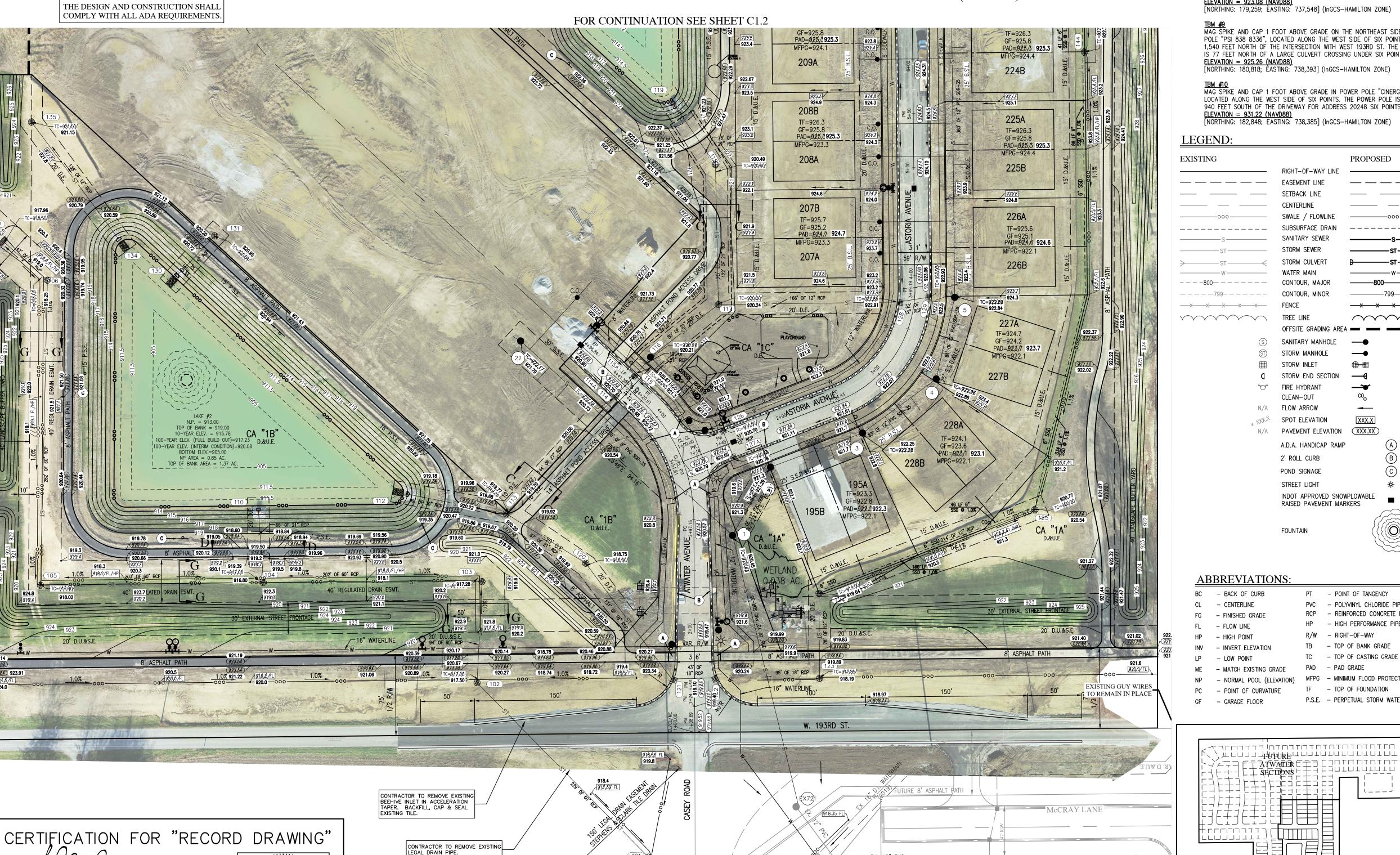
EMORY TRACE SECTION 2

1<u>5' D.&U</u>.E.

20' D.U.&S.S.E

RELOCATIO

20' B.L.



TC=9/18,50-

This information was gathered for input into the

of the GIS

Entry Date: 2022

A County Geographic Information

CONTRACTOR TO REMOVE EXISTING CULVERT UNDER CASEY ROAD.
GRADE AREA WEST OF CASEY

ROAD WITHIN DRAINAGE EASEMENT

TO DRAIN TO STR. #101.

(GIS). This document is considered ar

No.

20900171

STATE OF

DATE: 1/5/2022

BENCHMARK INFORMATION:

ORIGINATING BENCHMARK: HAMILTON COUNTY SURVEYOR'S OFFICE VERTICAL CONTROL BENCHMARK "LEE 12", SET IN TOP OF A CONCRETE POST, LOCATED AT THE NORTHWEST CORNER OF TH INTERSECTION OF CASEY ROAD AND 186TH STREET IN WESTFIELD.

DATE DESCRIPTION

02/25/20 REVISED PER COMMENTS

REVISED STORM OUTLET

STRs. #103-#844

'| STRs. #101-#844

STRs. #102-#845

STRs. #100-#100

HWC

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ME

[L]

12/20/21 RECORD DRAWINGS

03/16/20 REVISED TF GRADES

11/30/20 REVISED STORM OUTLET

12/7/20 REVISED STORM OUTLET

12/14/20 REVISED STORM OUTLET

PUBLISHED ELEVATION = 910.25 FEET (NAVD 88) NORTHING: 175,335; EASTING: 737,077] (INGCS-HAMILTON ZONE)

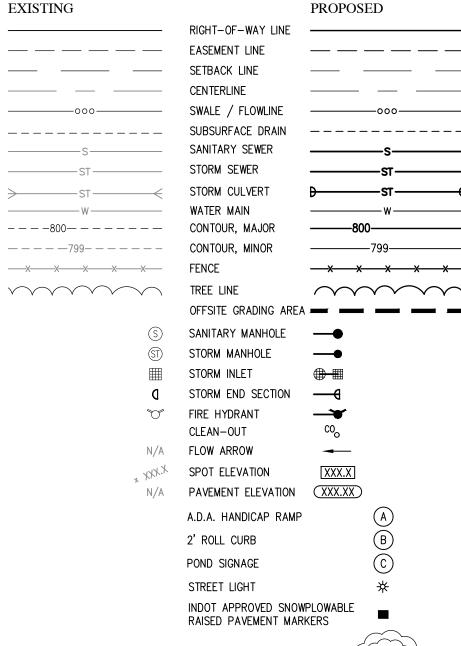
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[NORTHING: 182,848; EASTING: 738,385] (INGCS-HAMILTON ZONE)



- PT POINT OF TANGENCY PVC - POLYVINYL CHLORIDE PIPE RCP - REINFORCED CONCRETE PIPE
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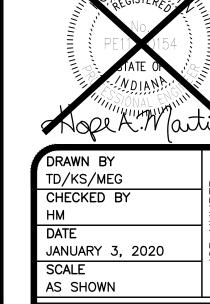
TF — TOP OF FOUNDATION P.S.E. - PERPETUAL STORM WATER EASEMENT

SECTIONI

W 193rd St

KEYMAP

NOT TO SCALE



SHEET

DEVELOPMENT PLAN

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CERTIFIED BY: LUKE A. JAHN

HWC ENGINEERING

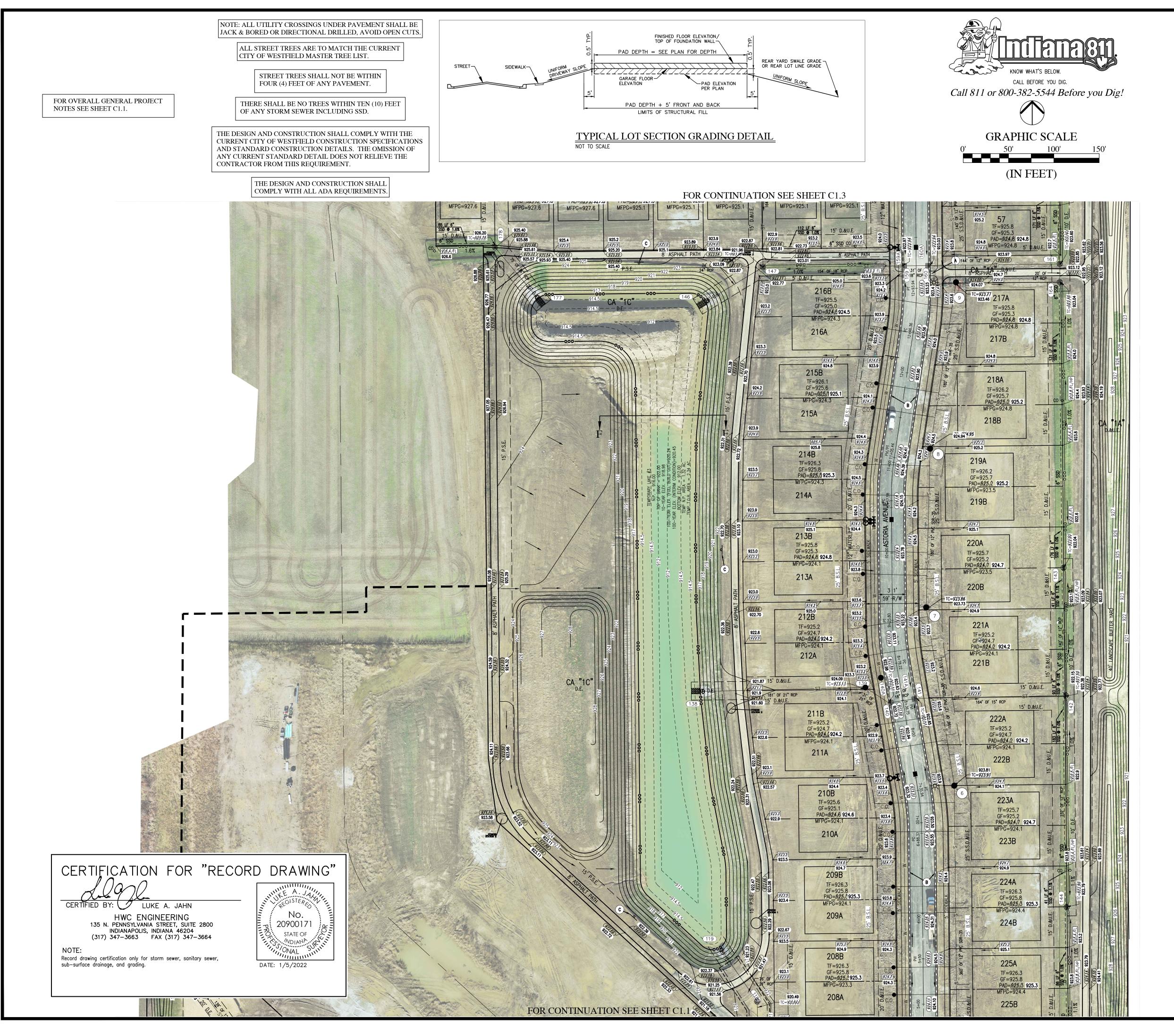
135 N. PENNSYLVANIA STREET, SUITE 2800

INDIANAPOLIS, INDIANA 46204

(317) 347-3663 FAX (317) 347-3664

Record drawing certification only for storm sewer, sanitary sewer,

sub-surface drainage, and grading.



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I ECEND.

EXISTING		PROPOSED
	RIGHT-OF-WAY LINE	
	EASEMENT LINE	
	SETBACK LINE	
	CENTERLINE	
000	SWALE / FLOWLINE	000
	SUBSURFACE DRAIN	
s	SANITARY SEWER	s
ST	STORM SEWER	st
>	STORM CULVERT	<u></u> −−−− st −−−−
W	WATER MAIN CONTOUR, MAJOR	
	CONTOUR, MINOR	
	FENCE	——————————————————————————————————————
	TREE LINE	
V V V V V V V V	OFFSITE GRADING AREA	
(\$)	SANITARY MANHOLE	—
(ST)	STORM MANHOLE	—
	STORM INLET	⊕ Ⅲ
q	STORM END SECTION	— €
~	FIRE HYDRANT	~
	CLEAN-OUT	COO
N/A	FLOW ARROW	←
* ***	SPOT ELEVATION	XXX.X
N/A	PAVEMENT ELEVATION	(XXX.XX)
	A.D.A. HANDICAP RAMP	A
	2' ROLL CURB	B
		_

POND SIGNAGE STREET LIGHT

FOUNTAIN

INDOT APPROVED SNOWPLOWABLE RAISED PAVEMENT MARKERS

ARREVIATIONS:

Al	BREVIATIONS
ВС	- BACK OF CURB
CL	- CENTERLINE
FG	- FINISHED GRADE
FL	- FLOW LINE
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INIV	INIVEDT ELEVATION

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PT - POINT OF TANGENCY

- POLYVINYL CHLORIDE PIPE

MFPG - MINIMUM FLOOD PROTECTION GRADE TF — TOP OF FOUNDATION P.S.E. - PERPETUAL STORM WATER EASEMENT

W 193rd St

KEYMAP NOT TO SCALE

DATE DESCRIPTION 02/25/20 REVISED PER COMMENTS 03/16/20 REVISED TF GRADES 12/20/21 RECORD DRAWINGS

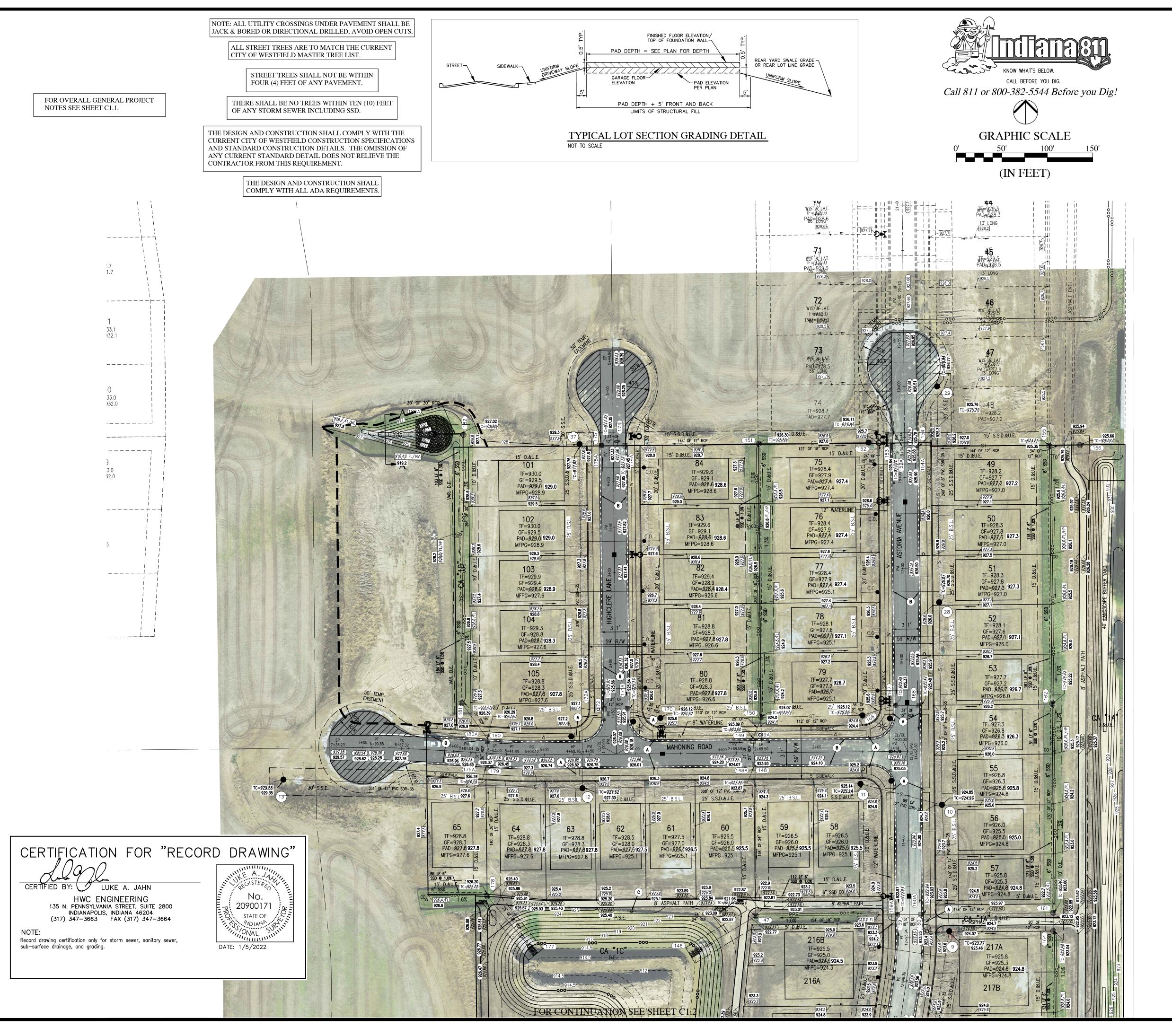
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> FIEL PME

TD/KS/MEG CHECKED BY JANUARY 3, 2020 SCALE AS SHOWN SHEET

DEVELOPMENT PLAN



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XISTING		PROPOSED
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	EASEMENT LINE	
	SETBACK LINE	
	CENTERLINE	
	SWALE / FLOWLINE	000-
	SUBSURFACE DRAIN	
s	SANITARY SEWER	s_
ST	STORM SEWER	st-
>	STORM CULVERT	} st-
	WATER MAIN	w-
800	CONTOUR, MAJOR	800
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XXXX	FENCE	
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P.S.E. - PERPETUAL STORM WATER EASEMENT

TOTORE

A FWATER ETT CITTUTITUTET

SECTIONS F THE FILL LILL LILL LILL

TOTORE ATWATER SECTION 1 W 193rd St

KEYMAP NOT TO SCALE

DATE DESCRIPTION 02/25/20 REVISED PER COMMENTS 03/16/20 REVISED TF GRADES 12/20/21 RECORD DRAWINGS



INDIANAPOLIS - TERRE HAUTE LAFAYETTE - MUNCIE - NEW ALBANY

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PME]

Rope A. Wati TD/KS/MEG CHECKED BY JANUARY 3, 2020 SCALE AS SHOWN SHEET DEVELOPMENT PLAN

OVERALL GENERAL PROJECT NOTES

NOT ALL GAS, POWER, OR TELEPHONE LINES, WHETHER ABOVE OR BELOW GROUND, HAVE BEEN SHOWN ON THE DRAWINGS. ANY UNDERGROUND INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONTRACTORS BENEFIT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR PROTECTING ALL UTILITIES IN HIS WORK AREA WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATION OF THE UTILITIES MAY BE DIFFERENT FROM THAT SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES ENCOUNTERED IN THE WORK. WHETHER IN PUBLIC RIGHTS OF WAY OR ON PRIVATE PROPERTY, SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN IN SERVICE ANY UTILITIES WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION TO SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE UTILITY, IF MINOR CONFLICTS ARISE, THE CONTRACTOR MAY SHIFT THE PROPOSED LOCATION OF THE INSTALLATION

OF THE WORK. BEFORE WORKING WITH OR AROUND

UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL

BE NOTIFIED BY THE CONTRACTOR.

2. SAFETY PROVISIONS FOR THE WORK SHALL BE IN FULL COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF THE INDIANA OSHA AND ANY OTHER LOCAL STATE OR FEDERAL AGENCY HAVING JURISDICTION. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. CONTRACTOR SHALL AT MINIMUM, PROVIDE TRAFFIC CONTROL AS REQUIRED TO SAFELY PROTECT THE GENERAL PUBLIC, THE CONTRACTOR'S WORK FORCES AND THE WORK. TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. AND THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, STANDARD DETAILS AND GENERAL INSTRUCTIONS TO FIELD EMPLOYEES. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. THE OPTION OF THE OWNER AND/OR ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, FENCES, WARNING SIGNS, FLASHING LIGHTS, TEMPORARY WALKWAYS, AND TRAFFIC CONTROL DURING CONSTRUCTION. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS, REQUIREMENTS, SAFETY MEETING REQUIREMENTS AND AGENCY REQUIREMENTS FOR TRAFFIC CONTROL AND SAFETY PRECAUTIONS, THERE WILL BE NO SEPARATE OR ADDITIONAL PAYMENT FOR THIS WORK.

WHERE PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS OR BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER SUCH MONUMENTS ARE ENCOUNTERED AND CONFLICT WITH THE WORK, THE ENGINEER SHALL BE NOTIFIED BEFORE THEY ARE DISTURBED. THE MARKERS SHALL BE PROTECTED AFTER THE OWNER, ENGINEER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATIONS.

ALL MATERIALS DENOTED "SALVAGED" SHALL BE STORED AND PROTECTED AT THE SITE FOR THE OWNER TO COLLECT OR FOR THE CONTRACTOR TO RE-USE AS INDICATED.

THERE SHALL BE NO CHANGES WITHOUT WRITTEN APPROVAL OF ENGINEER. 6. ALL GRADES AT BOUNDARY SHALL MEET EXISTING

. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING

REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.

9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS.

10. CONTRACTOR SHALL STAMP THE LETTER "S" IN THE CURB PERPENDICULAR TO THE LATERAL MARKER.

11. STRUCTURES RECEIVING SUB-SURFACE DRAIN (SSD) SHALL HAVE BOTH PORTS CORE DRILLED. "T" OR Y" BLIND CONNECTIONS ARE NOT ALLOWED.

12. ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY".

13. STRUCTURAL FILL: SHALL BE COMPACTED TO AT LEAST 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). SHALL BE FREE OF ORGANIC MATERIAL, DEBRIS, DELETERIOUS MATERIALS AND FROZEN SOLIDS.

14. THE CITY OF WESTFIELD REQUIRES THAT DEVELOPERS PROVIDE INDOT APPROVED SNOWPLOWABLE RAISED PAVEMENT MARKERS (WITH BLUE REFLECTOR LENS) ADJACENT TO FIRE HYDRANT LOCATIONS. THE MARKERS SHALL BE INSTALLED ON THE CENTERLINE OF THE ROADWAY ONCE THE PAVEMENT SURFACE HAS BEEN PLACED. THE INSTALLATION AND MATERIAL OF THE SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL COMPLY WITH SECTIONS 800 AND 900 OF THE MOST RECENT REVISION OF THE INDOT SPECIFICATIONS AND STANDARD DRAWINGS. UNDER NO CIRCUMSTANCE SHALL THE TOWN ALLOW INSTALLATION OF A REFLECTOR THAT IS ONLY ATTACHED TO THE PAVEMENT SURFACE USING

15. ALL ROADS MUST BE BROUGHT BACK TO ORIGINAL OR BETTER CONDITION, INCLUDING BUT NOT LIMITED TO STRIPING, STONE SHOULDERS AND SIGNAGE. REPAIRS (i.e. STRIPING) SHALL COINCIDE WITH THE ADJOINING ROAD.

16. ALL COMMON AREA SIDEWALKS OR PATHS ARE TO BE CONSTRUCTED AS PART OF THE SITE INFRASTRUCTURE. INDIVIDUAL LOT SIDEWALKS TO BE CONSTRUCTED AT THE TIME OF HOME CONSTRUCTION.

17. ANY EXISTING FIELD/ DRAINAGE TILES DISCOVERED DURING CONSTRUCTION SHALL EITHER BE ROUTED INTO THE NEAREST PROPOSED STORM SEWER STRUCTURE OR CAPPED OFF (IF THE END OF THE TILE) PER LOCAL JURISDICTIONAL STANDARDS.

NOTE: ALL UTILITY CROSSINGS UNDER PAVEMENT SHALL BE JACK & BORED OR DIRECTIONAL DRILLED, AVOID OPEN CUTS.

ALL STREET TREES ARE TO MATCH THE CURRENT CITY OF WESTFIELD MASTER TREE LIST.

STREET TREES SHALL NOT BE WITHIN

FOUR (4) FEET OF ANY PAVEMENT.

THERE SHALL BE NO TREES WITHIN TEN (10) FEET OF ANY STORM SEWER INCLUDING SSD.

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> THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA REQUIREMENTS.

FINISH GRADE -

18" MINIMUM RIP-RAP

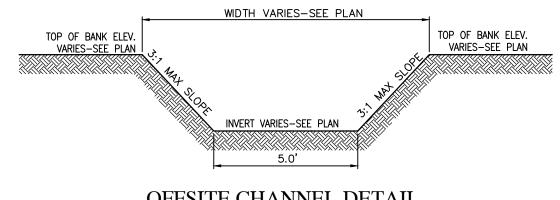
LAYER THICKNESS. -

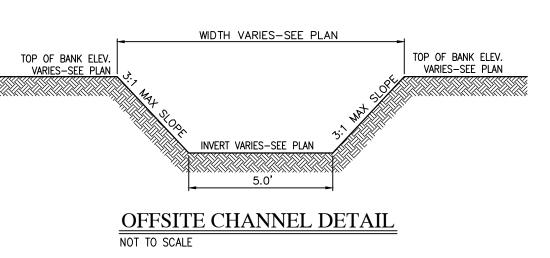
SPECIFICATION:

 $d_{50} = 6$ "

HWC ENGINEERING

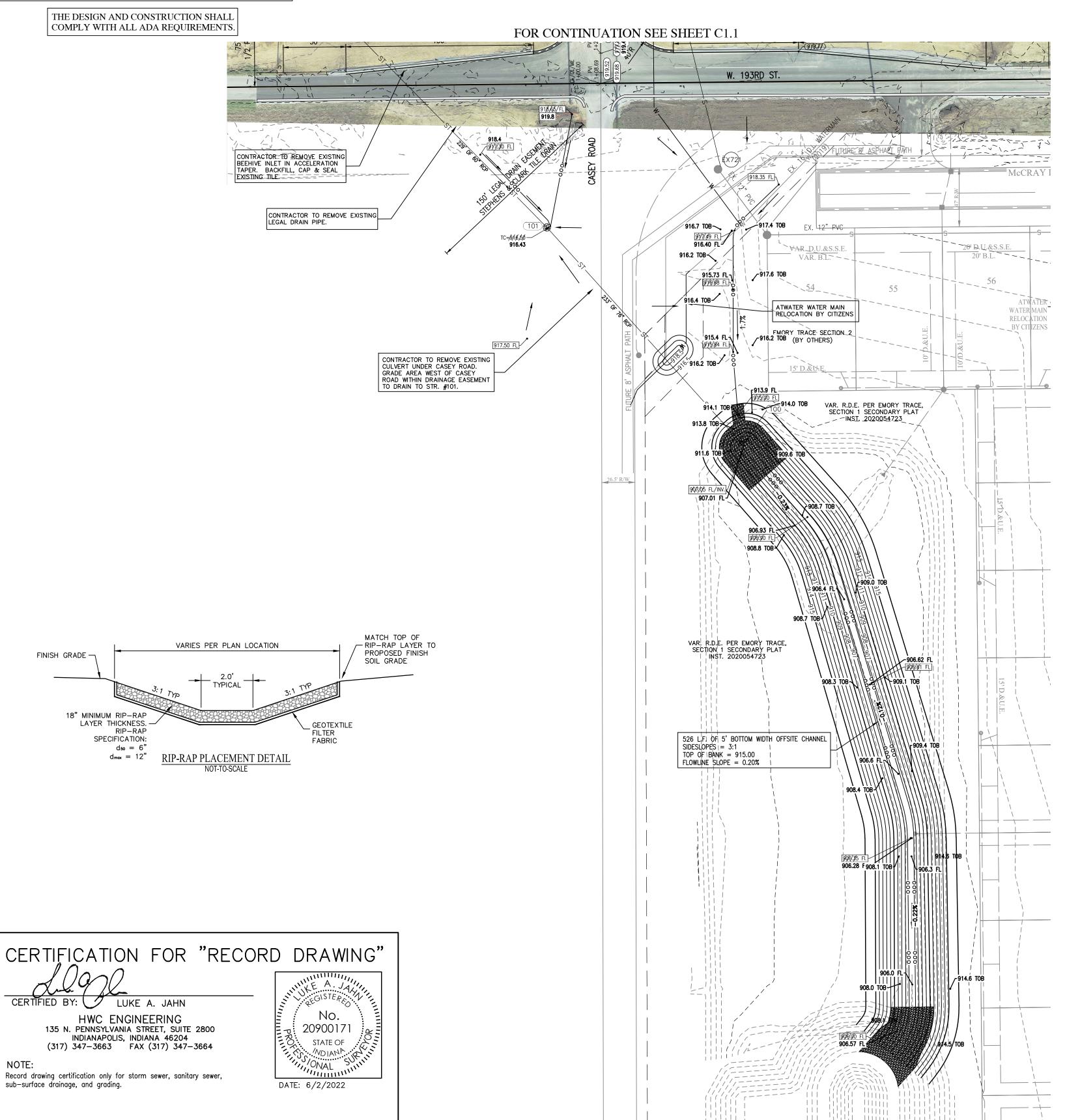
sub-surface drainage, and grading.







(IN FEET)





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REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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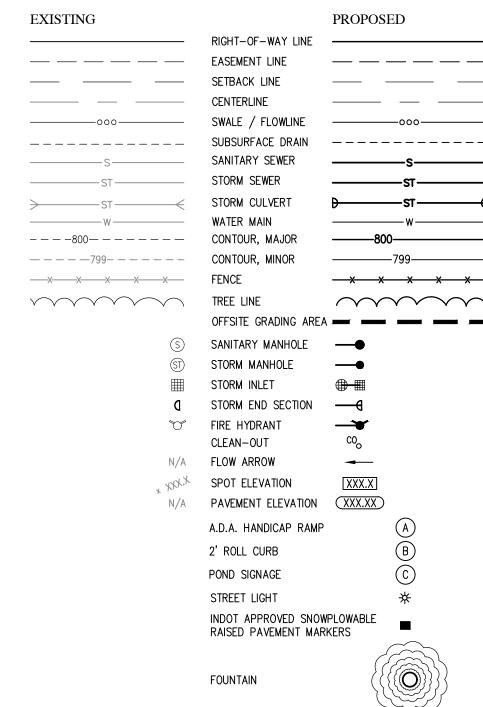
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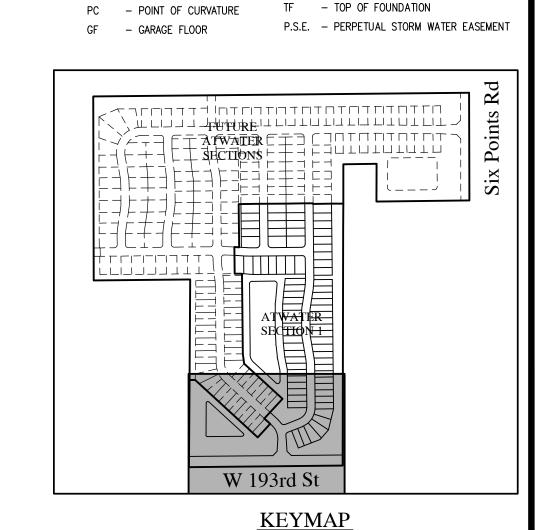
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TC - TOP OF CASTING GRADE

MFPG - MINIMUM FLOOD PROTECTION GRADE

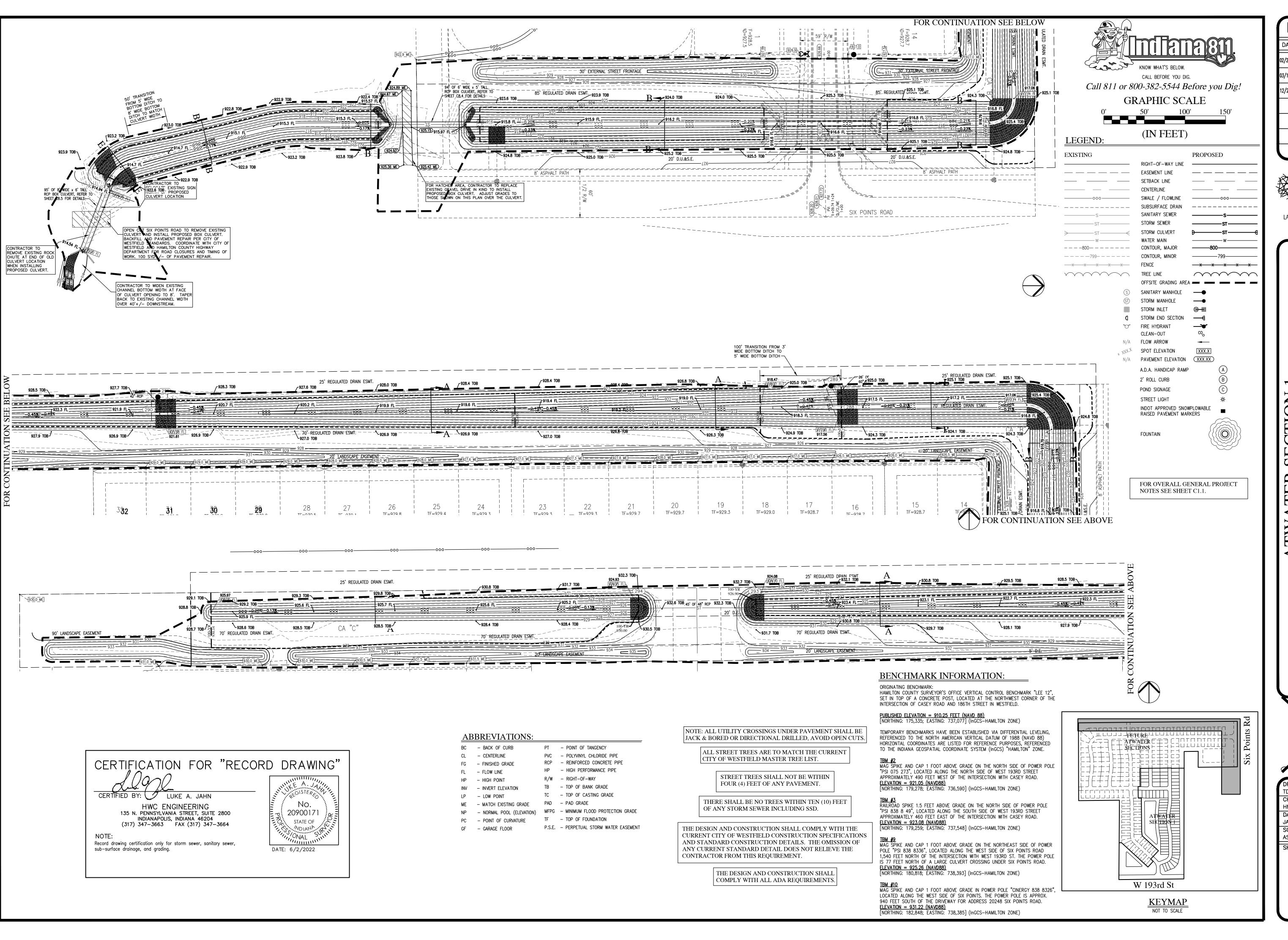
RCP - REINFORCED CONCRETE PIPE

DATE DESCRIPTION 02/25/20 REVISED PER COMMENTS 03/16/20 REVISED TF GRADES 10/08/20 OFFSITE SEWER REVISION 11/25/20 REVISED STORM OUTLET STRs. #103-#844 11/30/20 REVISED STORM OUTLET STRs. #101-#844 REVISED STORM OUTLET STRs. #102-#845 12/14/20 REVISED STORM OUTLET STRs. #100-#100 **HWC**

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TD/KS/MEG CHECKED BY JANUARY 3, 2020 SCALE AS SHOWN SHEET **OFFSITE STORM SEWER** DEVELOPMENT PLAN



DESCRIPTION 02/25/20 REVISED PER COMMENTS 03/16/20 REVISED TF GRADES 12/20/21 RECORD DRAWINGS



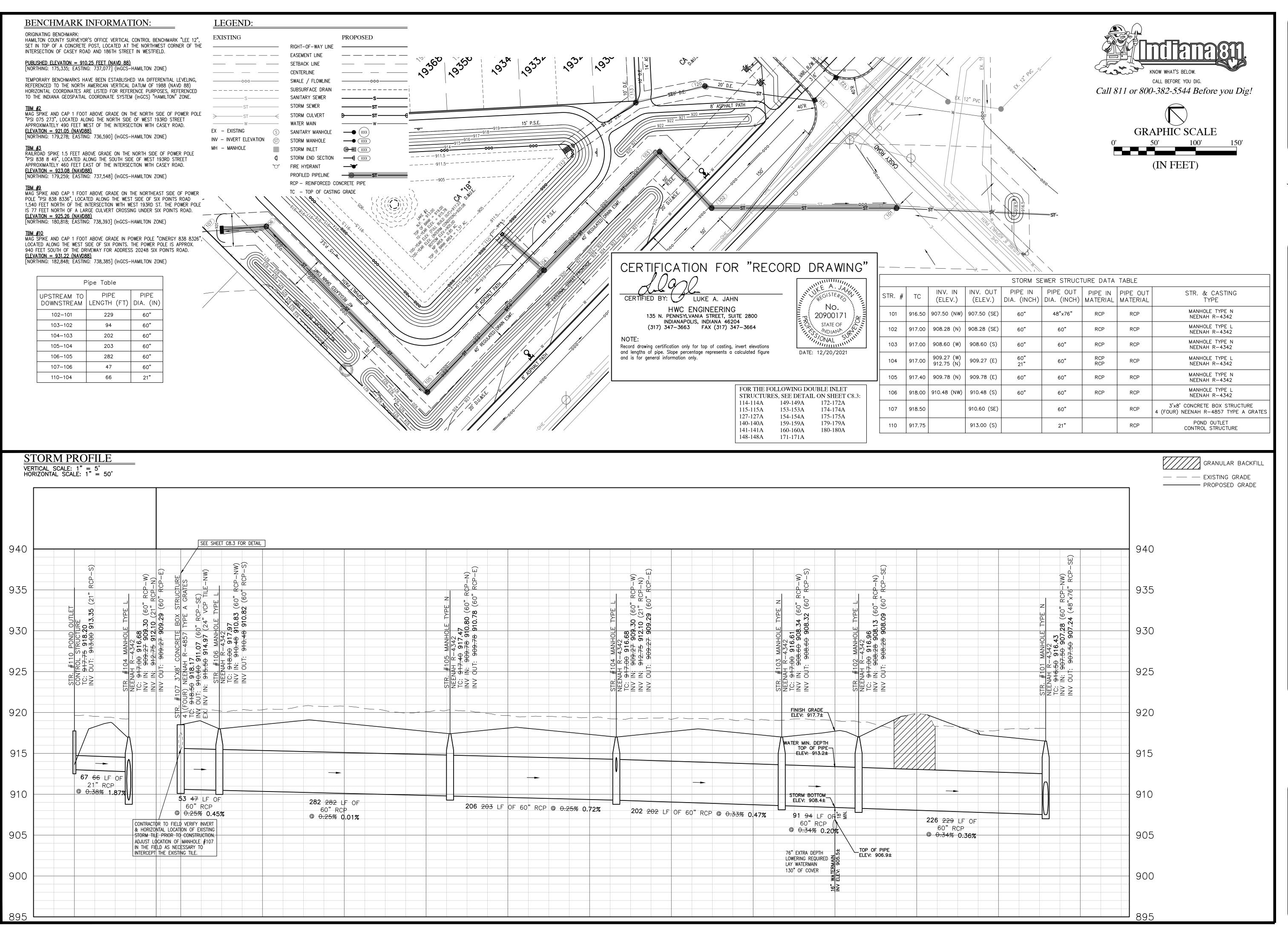
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DEVELOPMENT PLAN



DATE DESCRIPTION BY

02/25/20 REVISED PER COMMENTS HM

11/25/20 REVISED STORM OUTLET STRs. #103-#844

11/30/20 REVISED STORM OUTLET STRs. #101-#844

12/7/20 REVISED STORM OUTLET STRs. #102-#845

12/14/20 REVISED STORM OUTLET STRs. #102-#845

12/14/20 REVISED STORM OUTLET STRs. #101-#100

11/29/21 RECORD DRAWING TW



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ATWATER SECTION 1 OF WESTFIELD, INDIANA M SEWER PLAN & PROFIL

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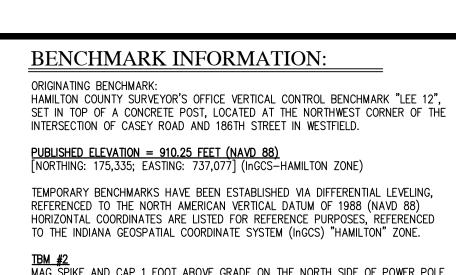
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SCALE
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STORM SEWER PLAN & PROFILE

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MAG SPIKE AND CAP 1 FOOT ABOVE GRADE ON THE NORTH SIDE OF POWER POLE "PSI 075 273", LOCATED ALONG THE NORTH SIDE OF WEST 193RD STREET APPROXIMATELY 490 FEET WEST OF THE INTERSECTION WITH CASEY ROAD. ELEVATION = 921.05 (NAVD88) [NORTHING: 179,278; EASTING: 736,590] (InGCS-HAMILTON ZONE)

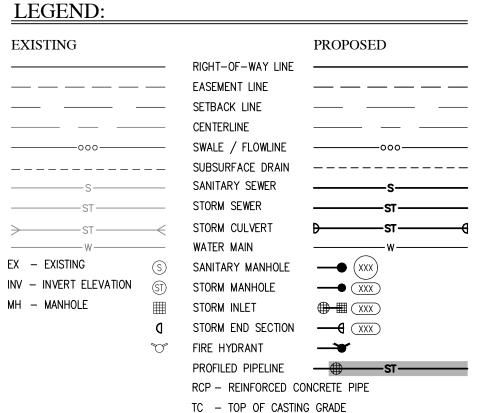
TBM #3

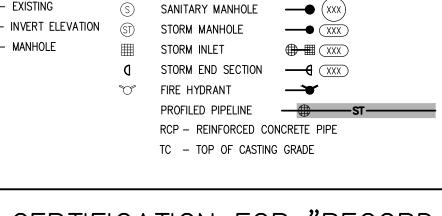
RAILROAD SPIKE 1.5 FEET ABOVE GRADE ON THE NORTH SIDE OF POWER POLE
"PSI 838 8 49", LOCATED ALONG THE SOUTH SIDE OF WEST 193RD STREET

THE INTERSECTION WITH CASEY ROAD. APPROXIMATELY 460 FEET EAST OF THE INTERSECTION WITH CASEY ROAD. $\frac{\text{ELEVATION} = 923.08 \text{ (NAVD88)}}{\text{[NORTHING: 179,259; EASTING: 737,548] (InGCS-HAMILTON ZONE)}}$

TBM #9
MAG SPIKE AND CAP 1 FOOT ABOVE GRADE ON THE NORTHEAST SIDE OF POWER POLE "PSI 838 8336", LOCATED ALONG THE WEST SIDE OF SIX POINTS ROAD 1,540 FEET NORTH OF THE INTERSECTION WITH WEST 193RD ST. THE POWER POLE IS 77 FEET NORTH OF A LARGE CULVERT CROSSING UNDER SIX POINTS ROAD. ELEVATION = 925.26 (NAVD88) [NORTHING: 180,818; EASTING: 738,393] (INGCS—HAMILTON ZONE)

TBM #10
MAG SPIKE AND CAP 1 FOOT ABOVE GRADE IN POWER POLE "CINERGY 838 8326", LOCATED ALONG THE WEST SIDE OF SIX POINTS. THE POWER POLE IS APPROX. 940 FEET SOUTH OF THE DRIVEWAY FOR ADDRESS 20248 SIX POINTS ROAD. ELEVATION = 931.22 (NAVD88)
[NORTHING: 182,848; EASTING: 738,385] (InGCS-HAMILTON ZONE)







No.

20900171

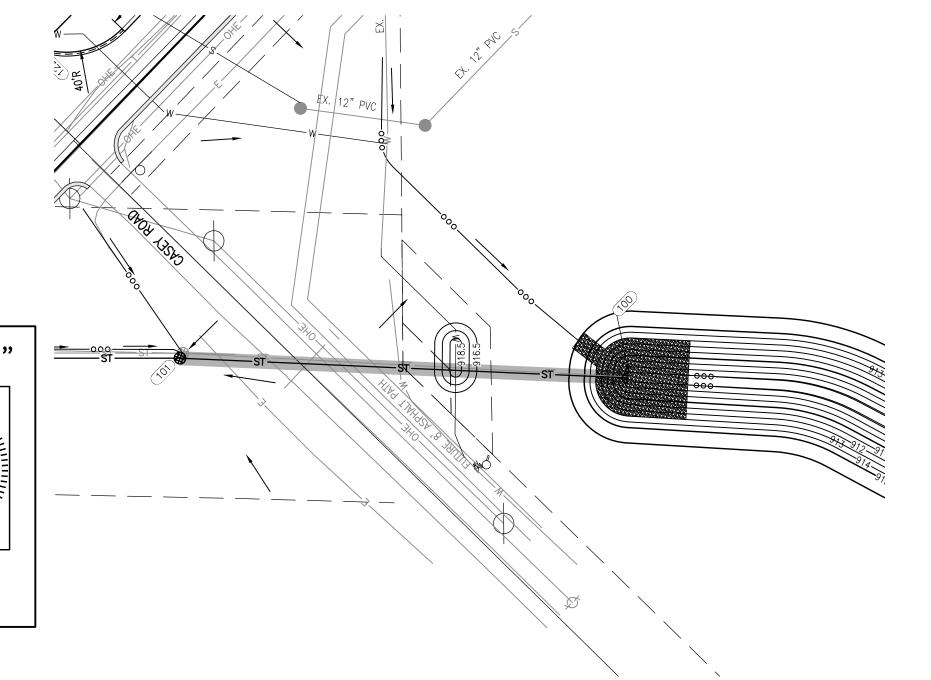
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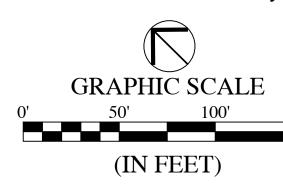
DATE: 12/20/2021

HWC ENGINEERING 135 N. PENNSYLVANIA STREET, SUITE 2800 INDIANAPOLIS, INDIANA 46204 (317) 347-3663 FAX (317) 347-3664

Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.





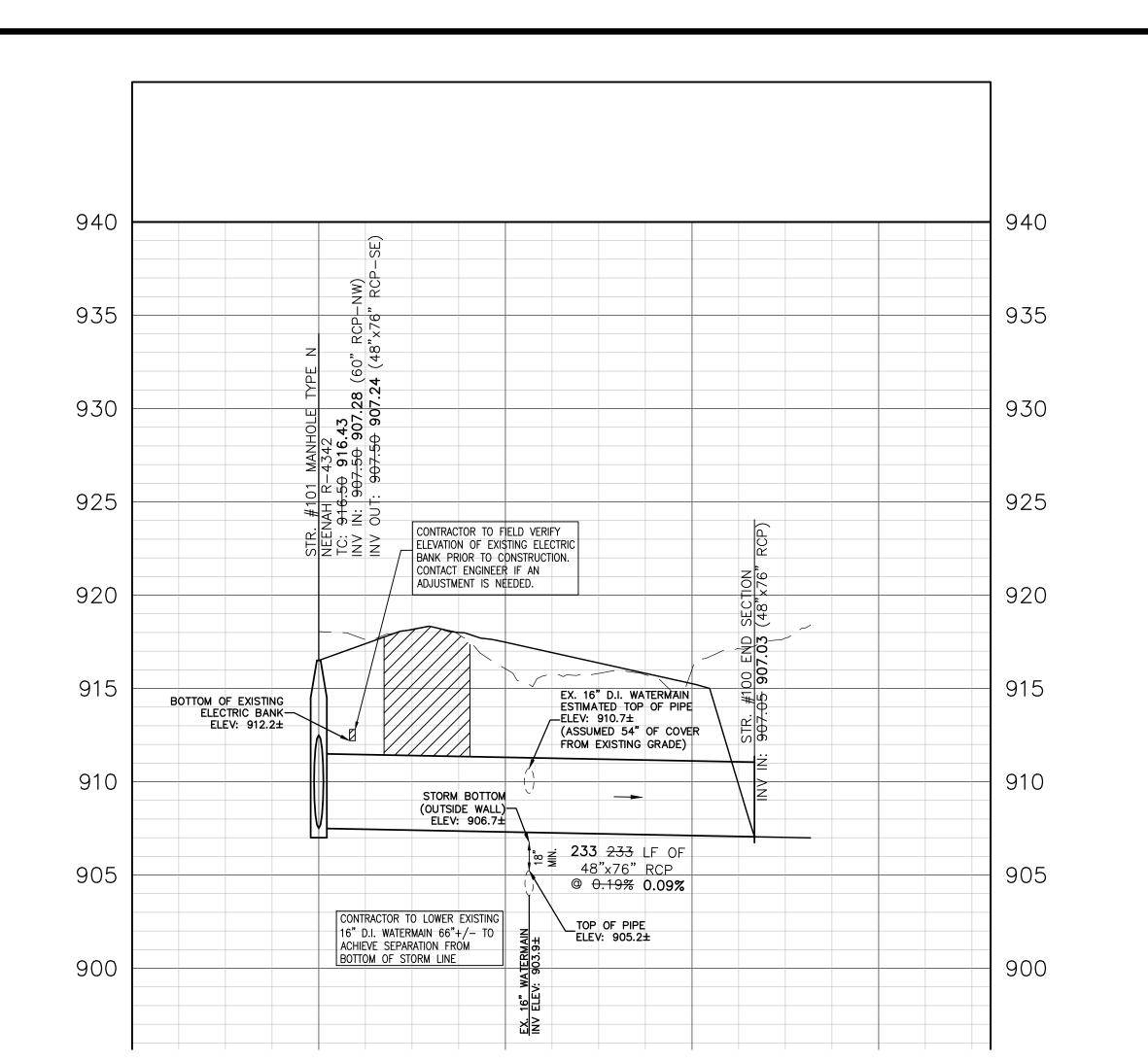


Pipe Table					
UPSTREAM TO DOWNSTREAM	PIPE LENGTH (FT)	PIPE DIA. (IN)			
101-100	233	48"x76"			

	STORM SEWER STRUCTURE DATA TABLE									
STR. #	TC	INV. IN (ELEV.)	INV. OUT (ELEV.)		PIPE OUT DIA. (INCH)	PIPE IN MATERIAL	PIPE OUT MATERIAL	STR. & CASTING TYPE		
100	911.45	907.05 (NW)		48"x76"		RCP		END SECTION		
101	916.50	907.50 (NW)	907.50 (SE)	60"	48"×76"	RCP	RCP	MANHOLE TYPE N NEENAH R-4342		

STORM PROFILE

VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 50'



GRANULAR BACKFILL — — EXISTING GRADE

REVISIONS DATE DESCRIPTION BY 10/08/20 OFFSITE SEWER REVISION 11/25/20 REVISED STORM OUTLET STRs. #103-#844 11/30/20 REVISED STORM OUTLET STRs. #101-#844 12/7/20 REVISED STORM OUTLET STRs. #102-#845 12/14/20 REVISED STORM OUTLET STRs. #101-#100 11/29/21 RECORD DRAWING



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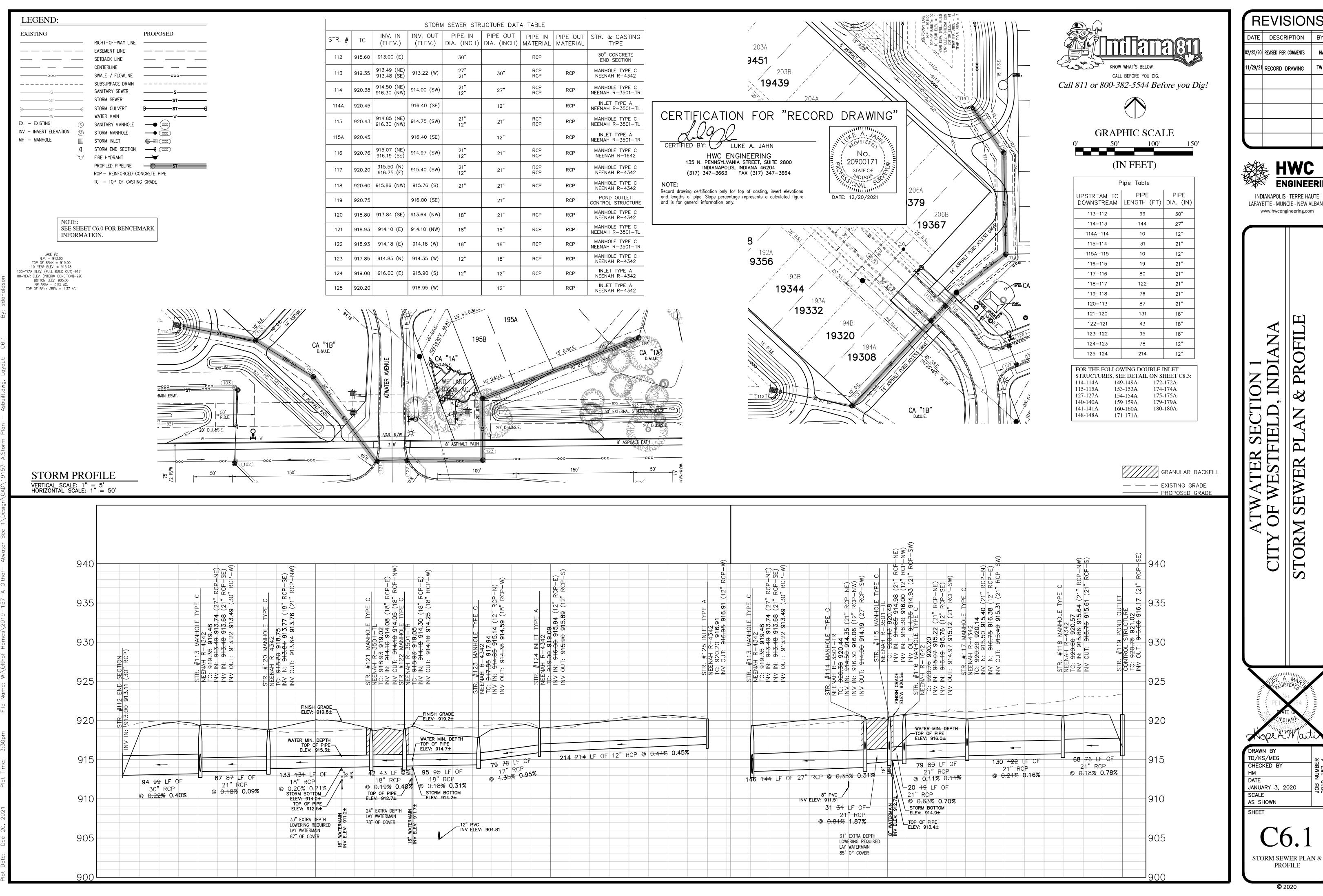
ER SECTION 1 STFIELD, INDIANA PR VATE WES

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OFFSITE STORM SEWER

PLAN & PROFILE

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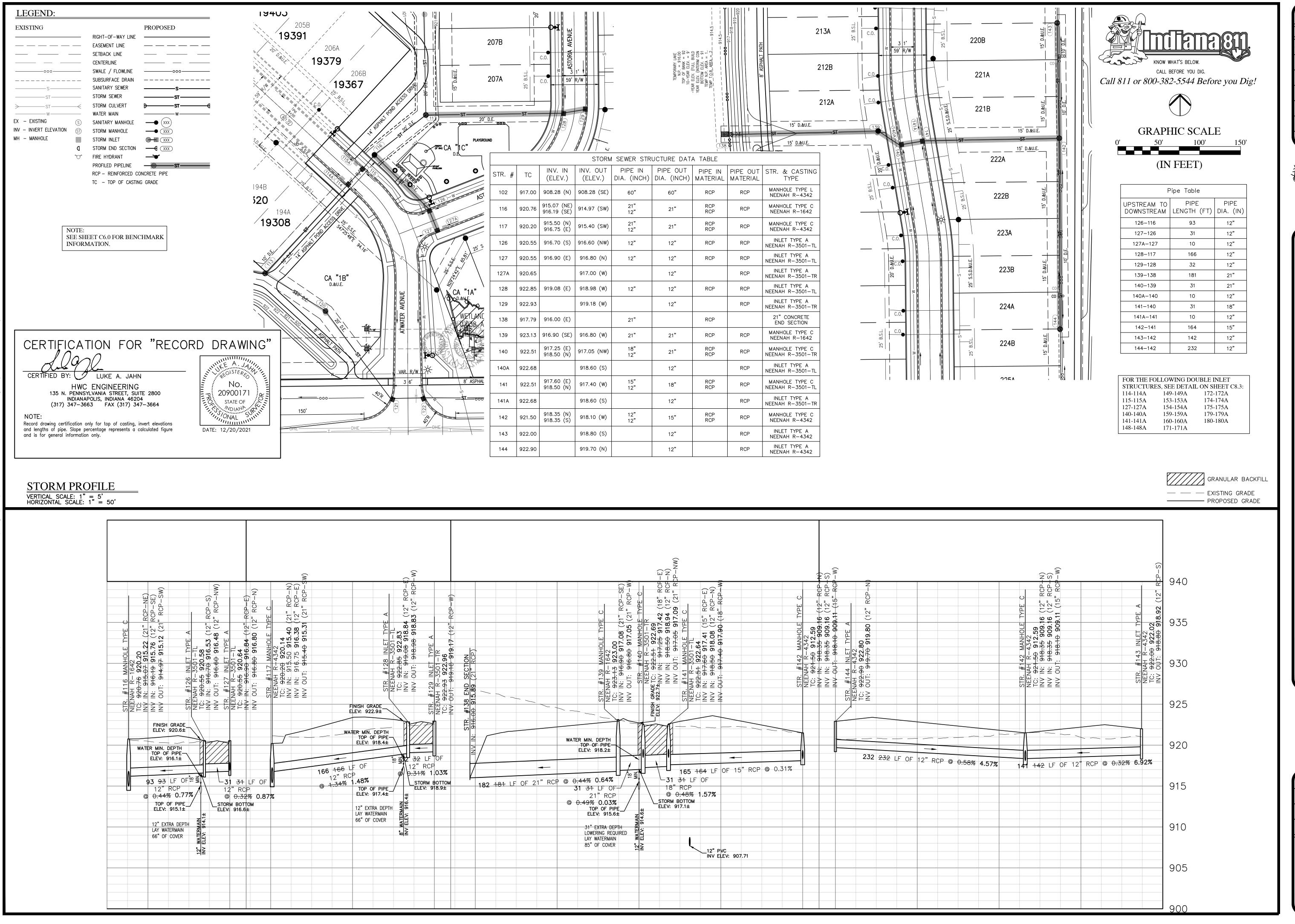


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ATWATER SECTION 1

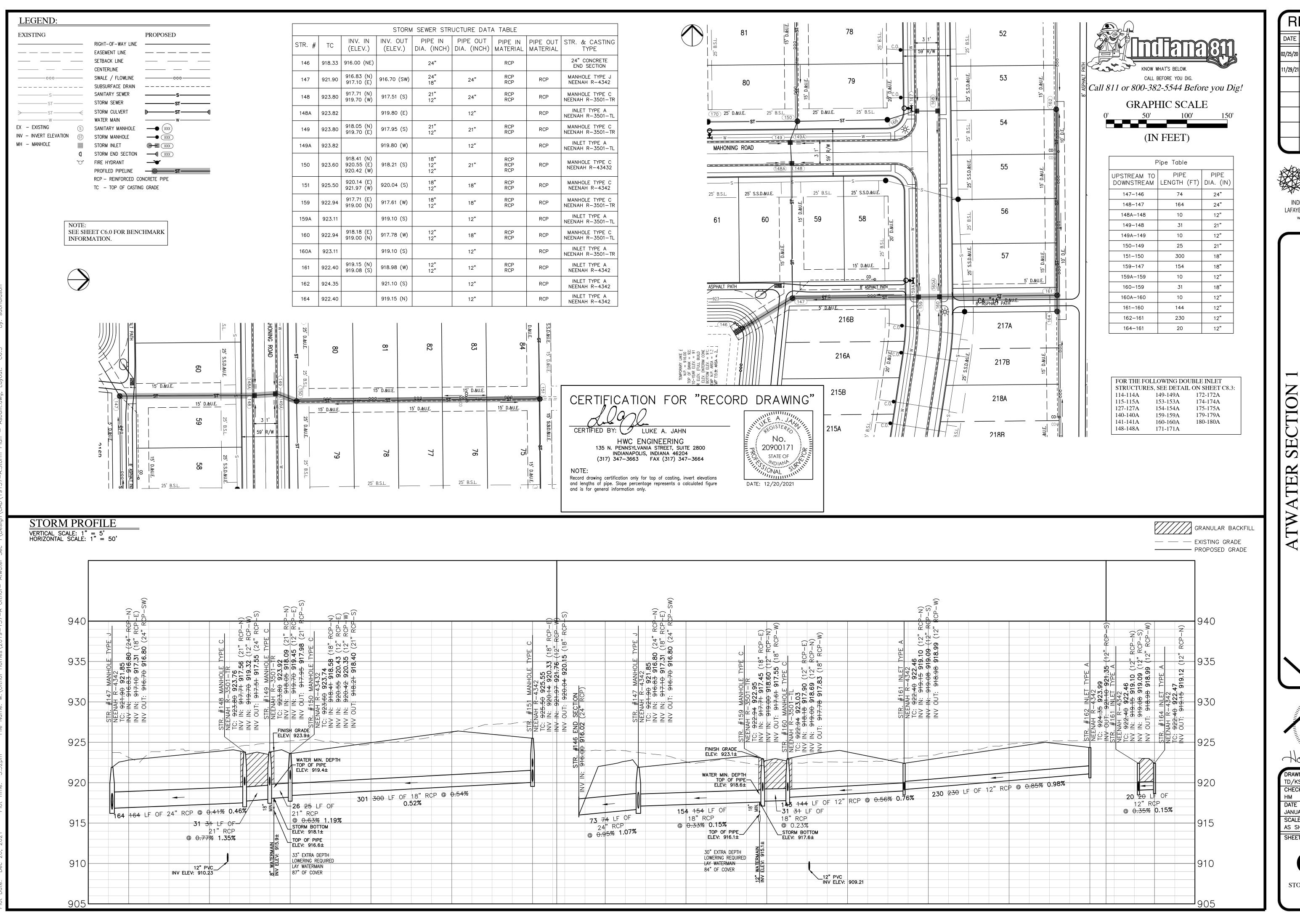
TY OF WESTFIELD, INDIANA
RM SEWER PLAN & PROFIL

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DATE
JANUARY 3, 2020
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STORM SEWER PLAN & PROFILE

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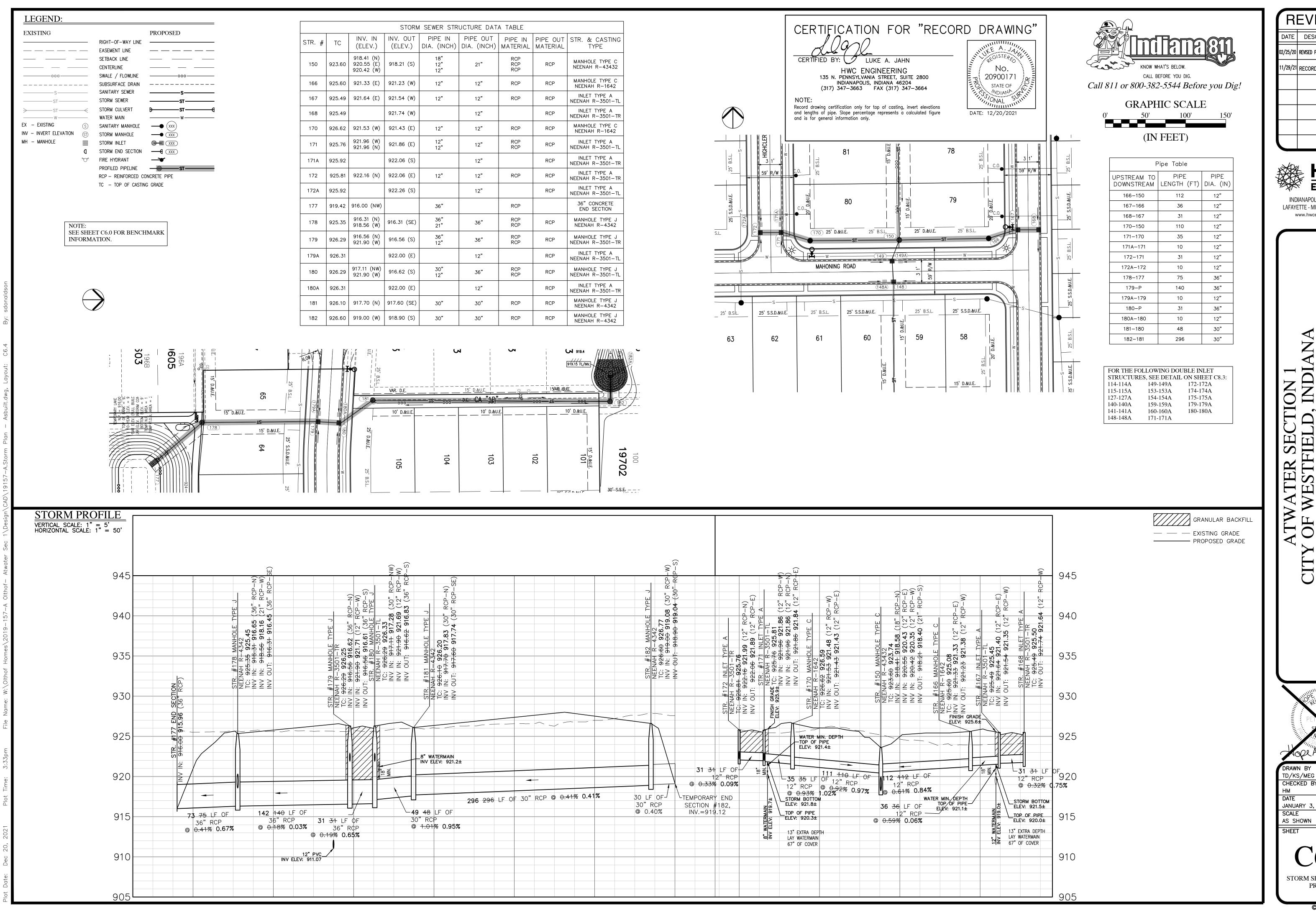
ATWATER SECTION 1 7 OF WESTFIELD, INDIANA M SEWER PLAN & PROFILE

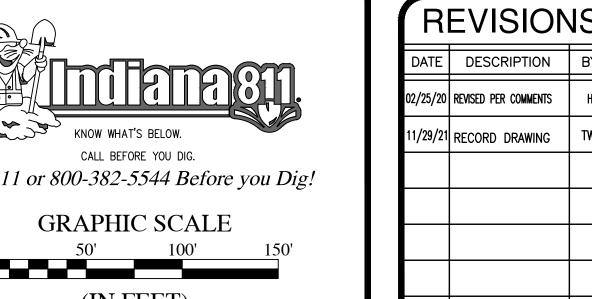
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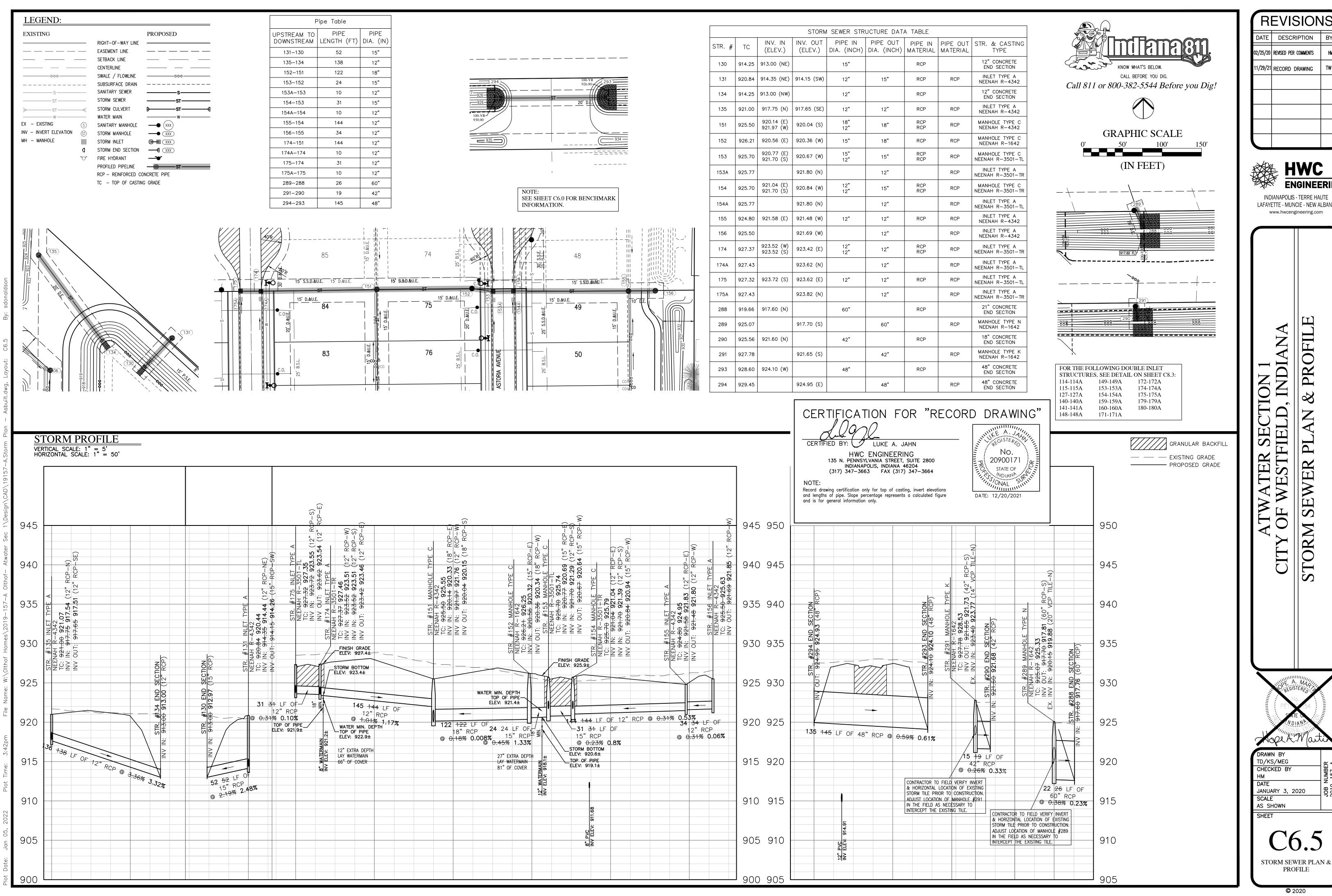




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