



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

June 6, 2021

To: Hamilton County Drainage Board

Re: Little Eagle Creek, George Coverdale Drain—Citizens Energy Water Tower

Attached is a petition and plans for the proposed reconstruction of the George Coverdale Drain located in the Little Eagle Creek Watershed in Westfield, Indiana. The reconstruction is being proposed by Citizens Energy Group. The proposal is to reconstruct the George Coverdale Regulated Drain at the northwest corner of 193rd and Six Points Road. The reconstruction is per plans by Northpointe Engineering, having Job No. 20-0140 and dated May 4, 2021.

The existing regulated drain on this property, which runs from Station 34 to Station 36+49 per it's 1914 description, will be replaced. The relocation begins at new Structure 13 (old Station 34) then runs for 124 feet southeast with 18" RCP to new Structure 12 then runs south for 191 feet with 18" RCP to new Structure 11 before running 10 feet with 18" RCP and connecting to the existing George Coverdale Drain at original Station 36+49.

The reconstructed drain shall consist of the following:

18" RCP

325 Feet

The total length of the reconstructed drain will be 325 feet. The total amount of drain being removed is 249 feet. The beginning station is located at the northern limits of the lot and the end station is located at the eastern limits of the lot.

This project will add 76 feet to the drain's length.

The maintenance of the detention area such as sediment and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of Citizens Energy.

In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to Drainage Board approval. A bond will be submitted prior to the commencement of construction.

This would not extend the 75-foot easement onto the adjacent properties owned by Steven M. & Linda L. Osborne, Tract Number 08-05-27-00-00-005.000 and Tract Number 08-05-27-00-00-003.001. It would remain instead within the original easement in regard to the Osborne properties. I recommend that the existing easement boundaries of the George Coverdale drain per it's 1914 description on this property remain with the approval of the relocation.

Because the proposed reconstruction will be done upon the petitioner's property at the petitioner's expense it meets the requirements of I.C. 36-9-27-52.5 for a hearing. Therefore, I recommend approval by the Board at this time.

Sincerel

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

		,
IN RE:	Citizens Energy Group 193rd Tank Site	
Ha	milton County, Indiana	



COUNTY SURVEYOR

	PETITION FOR RELOCATION AND RECONSTRUCTION OFFICE OF HAMILTON
	Citizens Water of Westfield, LLC (hereinafter Petitioner"),
hereby	petitions the Hamilton County Drainage Board for authority to relocate and improve a
section	of the Drain, and in support of
said pe	etition advises the Board that:
1.	Petitioner owns real estate through which a portion of the George Cloverdale
	Drain runs.
2.	Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains,
	sanitary sewers and other structures.
3.	Petitioner's proposed development of its real estate will require relocation and
	reconstruction of a portion of the Drain, as
	specifically shown on engineering plans and specifications filed with the Hamilton
	County Surveyor.
4.	The work necessary for the proposed relocation and reconstruction will be undertaken at
	the sole expense of the Petitioner and such work will result in substantial improvement to
	the George Cloverdale Drain, without cost to other property owners
	on the watershed of the George Cloverdale Drain.
5.	Proposed relocation and reconstruction will not adversely affect other land owners within
	the drainage shed.
6.	Petitioner requests approval of the proposed relocation and reconstruction under
	IC 36-9-27-52.5.
V	WHEREFORE, Petitioner requests that an Order issued from the Hamilton County
	ge Board authorizing relocation and reconstruction of the George Cloverdale
	in conformance with applicable law and plans and specifications on file with the Hamilton
County	Surveyor. Martin x Speed
	Signed
	Martin K. Spees, PE Printed
	Timou

Adobe PDF Fillable Form

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

Little Eagle Creek Drain, George Coverdale Arm, Citizens Energy Water Tower

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the Little Eagle Creek Drain, George Coverdale Arm, Citizens Energy Water Tower came before the Hamilton County Drainage Board for hearing on June 14, 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, George Coverdale Arm, Citizens Energy Water Tower 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:

HAMILTON COUNTY DRAINAGE BOARD

PRESADEM

Member

Mombox

ATTEST: Lipsette /

KUV



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

To: Hamilton County Drainage Board

April 18, 2023

Re: Little Eagle Creek - George Coverdale Drain: Citizens Energy Water Tower

Attached are as-built, certificate of completion & compliance, and other information for Citizens Water Tower. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated June 6, 2021. The report was approved by the Board at the hearing held June 14, 2021. (See Drainage Board Minutes Book 20, Pages 58-59) The changes are as follows: the 18" RCP was shortened from 325 feet to 317 feet. The length of the drain due to the changes described above is now 317 feet. The project removed 249 feet of existing drain.

A nonenforcement was not requested for this project. The following surety was guaranteed by Erie Insurance and released by the Board on its April 10, 2023, meeting.

Bond-LC No: Q907370286

Amount: \$98,022.00 For: Storm Sewers

Issue Date: June 23, 2021

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

Sincerely,

Kenon C. Ward, CFM Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: George Cloverdale Drain Relocation at 193rd Street

I hereby certify that:

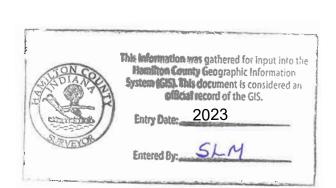
- 1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
- 2. I am familiar with the plans and specifications for the above referenced subdivision.
- 3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
- 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
- 5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Q	artinix Spees	
Signature:	Date: 10-27-21	
Type or Print Name:	Martins Spees	
Business Address:	Northpointe Engineering & Surveying, Inc. 6125 S. East Street, Suite B	
	Indianapolis, IN 46227	
Telephone Number:	317-721-0035	
SEAL	INDIANA REGISTRATION NUMBI	ΞR
TINK. SAM	PE11100182	
PE11100182		

33rd STREET LEGAL DRAIN RELOCATIC

ntion W 193rd ST W 191sl ST W 191sl ST W 191sl ST





193rd STREET LEGAL DRAIN RELOCATION AS-BUILTS

citizens
westfield

2150 DR. MARTIN LUTHER KING JR STREET
INDIANAPOLIS, IN 46202
WWW.CITIZENSENERGYGROUP.COM
(317) 639-1501

CITIZENS PROJECT CONTACT INFORMATION

Bruce L. Cooley, P.E., Engineering Project Manager, 317-927-4793 BCooley@CitizensEnergyGroup.com Ed Bukovac, P.E., Director, Citizens Westfield Utilities, 317-927-4588 EBukovac@CitizensEnergyGroup.com



PROJECT LOCATION MAP
NOT TO SCALE

GENERAL NOTES:

- 1. FOLLOW CITIZENS ENERGY GROUP <u>WATER STANDARDS MANUAL</u> AT CITIZENSWATER.COM
- CONTRACTOR IS RESPONSIBLE FOR LOCATES 2 DAYS PRIOR TO DIGGING.
- 3. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING LOCAL AGENCY TRAFFIC CONTROL REQUIREMENTS.

AS-BUILT RECORD

ALL AS-BUILT INFORMATION DEPICTED HEREIN WAS PERFORMED, MEASUREMENTS AND FIELD VERIFIED BY NORTHPOINTE ENGINEERING AND SURVEYING, INC.
DATE: OCTOBER 15, 2021





GENERAL NOTES:

- 1. THESE PLANS AND CONTRACT DOCUMENTS HAVE BEEN PREPARED PER THE SCOPE OF WORK PROVIDED BY CITIZENS WATER OF WESTFIELD, LLC.
- 2. ALL LOCATIONS OF EXISTING UTILITIES ARE SHOWN BASED ON AVAILABLE INFORMATION. HOWEVER, THE ENGINEER DOES NOT GUARANTEE OR ASSURE THAT SUCH INFORMATION IS TRUE OR EVEN APPROXIMATE. THE CONTRACTOR SHALL DETERMINE WHICH UTILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS AND VERIFY THEIR LOCATIONS, SIZES, AND INVERTS PRIOR TO ORDERING CONSTRUCTION MATERIALS. THE CONTRACTOR SHALL ADJUST WORK ACCORDINGLY AND NOTIFY THE ENGINEER OF ANY SUCH CONFLICTS. NO ADDITIONAL COMPENSATION WILL BE DUE FOR ADJUSTED UTILITIES. FOR UTILITY COMPANY CONTACT INFORMATION SEE THIS SHEET.
- THE SUPPORT PROTECTION AND RESTORATION OF ALL UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IN ADDITION TO UTILITIES SHOWN ON THE PLANS, THE CONTRACTOR SHOULD ANTICIPATE WORKING AROUND EXISTING UTILITY SERVICE LINES. THE CONTRACTOR, WITH THE DESIGN ENGINEER'S APPROVAL, MAY ADJUST THE LOCATION OF THE NEW STORM SEWER TO AVOID UNDERGROUND UTILITIES. THE INTENT OF THESE PLANS IS TO AVOID ALL MAINLINE UNDERGROUND UTILITIES.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO STATE, CITY, OR PRIVATE PROPERTY, DRIVES, SIDEWALKS, BRIDGES, GRAVEL, PARKING AREAS, DRAINAGE PIPE SYSTEMS FENCES, & SHEDS AS A RESULT OF THE CONTRACTORS WORK AND SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE PERMITTING AGENCY, THE OWNER, AND THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE RESTORATION. SITE RESTORATION SHALL BE EQUAL TO OR BETTER THAN CONDITIONS PRIOR TO CONSTRUCTION.
- 5. ALL DISTURBED GRASSED AREAS AND DITCH AREAS WITHIN THE PROJECT EASEMENTS AND PUBLIC RIGHT-OF-WAY SHALL BE SEEDED AND MULCHED UNLESS OTHERWISE INDICATED ON THE PLANS. PAYMENT FOR RESTORATION SHALL BE INCLUDED IN SLOPE RESTORATION, SYS
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING RIGHT-OF-WAY AND PROPERTY LINE MONUMENTS. AS NECESSARY, DISTURBED PROPERTY CORNERS AND MONUMENTS SHALL BE REPLACED BY LICENSED SURVEYOR AT CONTRACTOR'S EXPENSE.
- 7. TREE & BRUSH REMOVAL: CONTRACTOR, ENGINEER, AND OWNER SHALL IDENTIFY TREES AND BRUSH WITHIN RIGHT-OF-WAY TO BE REMOVED PRIOR TO CONSTRUCTION. SEE SPECIFICATION FOR ADDITIONAL INFORMATION ON TREE REMOVAL.
- 8. LENGTH OF PIPE INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTH.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR SETTING TOP OF STORM DRAINAGE CASTING ELEVATIONS TO CONFORM TO THE FINISHED GROUND ELEVATION. MINOR ADJUSTMENTS TO THE PROPOSED TOP OF CASTINGS MAY BE NEEDED TO OPTIMIZE THE DRAINAGE EFFECTIVENESS.
- 10. FOR ANY BID ITEM WHICH A QUANTITY IS BID (SEE QUANTITY SUMMARY SHEET). PRIOR WRITTEN APPROVAL FROM THE ENGINEER TO EXCEED THE BID QUANTITY IS REQUIRED OR NO PAYMENT WILL BE MADE FOR THE OVERAGE. THE ENGINEER WILL HAVE AUTHORITY TO INCREASE OR DECREASE SCOPE OF WORK AND PAY ITEM QUANTITIES AT CONTRACT BID UNIT PRICE(S).
- 11. THE STATIONING AND OFFSETS SHOWN HEREON ARE FOR REFERENCE PURPOSES AND APPROXIMATE LOCATIONS OF EXISTING FEATURES ONLY, AND DO NOT REPRESENT THE RESULTS OF A ROUTE SURVEY AS DESCRIBED IN 865-IAC 1-12-20 THRU 1-2-25 (MINIMUM STANDARDS.)
- 12. ANY PLACE ON THE PLANS OR IN SPECIFICATIONS WHERE IT IS SPECIFIED FOR CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL, SAID SHOP DRAWINGS MUST BE APPROVED BY THE ENGINEER PRIOR TO ORDERING OR PLACEMENT OF ANY MATERIALS FOR SAID
- 13. REMOVAL OF ANY EXISTING STRUCTURES, PIPE, CULVERT, ETC. THAT ARE WITHIN EXCAVATION LIMITS OF PROPOSED WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN PAY ITEM OF PROPOSED WORK.
- 14. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND DETERMINING EXISTING ELEVATIONS OF EXISTING UTILITY SERVICE SUCH AS WATER, SANITARY, GAS, ETC. AND NOTIFY UTILITY OWNER AND PROJECT OWNER OF ANY CONFLICTS WITH PROPOSED WORK PRIOR TO CONSTRUCTION. CONTRACTOR WILL NOT BE WARRANTED ANY EXTENSION OF TIME FOR UTILITY SERVICE CONFLICT RESOLUTION.

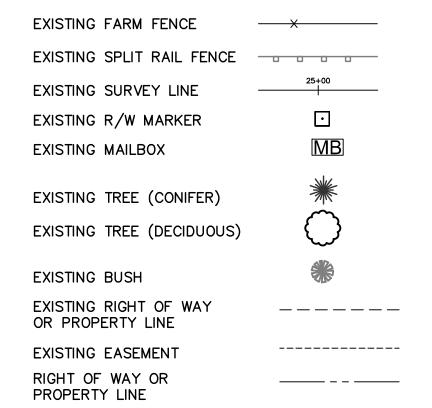
STORM WATER QUALITY NOTES:

- 15. CONCRETE WASHOUTS SHALL BE COMPLETELY CONTAINED WITHIN A SYSTEM WITH NO LEAKS OR TEARS, OR RECYCLED WITHIN THE CONCRETE TRUCK SYSTEM. CONCRETE WASHOUT LIQUID SHALL NOT BE ALLOWED ON THE GROUND, IN SEWERS, NOR IN WATERWAYS. THE CONCRETE WASHOUT CONTAINER SHALL BE LARGE ENOUGH TO CONTAIN WASHOUT LIQUID. WASHOUT LIQUID SHALL BE ALLOWED TO HARDEN PRIOR TO DISPOSAL OR BE DISPOSED OF IN A PROPER MANNER SUCH AS WITH A TOXIC MATERIAL VACUUM TRUCK.
- 16. ALL STORMWATER INLETS AND CATCH BASINS SHALL HAVE THE WORDS "NO DUMPING, DRAINS TO STREAM", OR SIMILARLY APPROVE MESSAGE, CAST IN RAISED OR RECESSED LETTERS AT MINIMUM OF 1 INCH HEIGHT. IN ADDITION, A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS. ALL CASTING AND COVERS SHALL BE INCLUDED IN THE MANHOLE / CATCH BASIN PAY ITEM.
- 17. CONTRACTOR SHALL INSPECT AND PROVIDE CLEAN STRUCTURES AND STORM SEWER PRIOR TO PROJECT ACCEPTANCE AND PROCESSING FINAL ESTIMATE. NO ADDITIONAL COMPENSATION DUE FOR CLEANING STRUCTURES AND STORM SEWER AS DIRECTED BY ENGINEER.
- 18. FINAL RESTORATION SHALL INCLUDE 6" TOPSOIL, FERTILIZER, AND MULCHED SEEDING PER DETAIL AND SHALL BE INCLUDED IN SLOPE RESTORATION PAY ITEM AND MEASURED BY SQUARE YARDS. FOR ALL DISTURBED AREAS, HYDRO METHOD OF APPLICATION IS REQUIRED.
- 19. A RULE 5 NOI PERMIT WILL NOT BE REQUIRED BECAUSE THE TOTAL UNDISTURBED AREA IS LESS THAN ONE ACRE.
- 20. A HAMILTON COUNTY DRAIN OFFICE PERMIT SHALL BE OBTAINED BY OWNER PRIOR TO CONSTRUCTION.

Sheet List Table		
Sheet Number	Sheet Title	
1	Title Sheet	
2	Index and General Notes	
3	Plan and Profile	
4	Erosion Control	
5	Details	

EXISTING UTILITY LEGEND:	
STORM SEWER	
STORM SEWER MANHOLE	\bigcirc
STORM SEWER CULVERT	
STORM SEWER LINE	STM
STORM SWALE	
SANITARY SEWER	
SANITARY SEWER MANHOLE	(ES)
SANITARY SEWER GRAVITY LINE	SAN
WATER LINE	WA /
WATER VALVE	wv
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FIRE HYDRANT	
WATER LINE LEVEL B WATER WELL	
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GAS LINE LEVEL B	——————————————————————————————————————
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LIGHT POLE POWER POLE	₹
GUY ANCHOR	¥ ø △
OVERHEAD ELECTRICAL LINE	
ELECTRICAL LINE LEVEL B	——————————————————————————————————————
TELEPHONE	
TELEPHONE LINE LEVEL B	——————————————————————————————————————
TELEPHONE PEDESTAL	

SYMBOLS & ABBREVIATIONS



CENTERLINE CONCRETE PAVEMENT CORRUGATED METAL PIPE DUCTILE IRON HORIZONTAL DIRECTIONAL DRILL INVERT ELEVATION LINEAL FEET PAVEMENT POLYVINYL CHLORIDE PLASTIC REINFORCED CONCRETE PIPE VITRIFIED CLAY PIPE DEGREE EXISTING HIGH DENSITY POLYETHYLENE UNKNOWN AGGREGATE HOT MIX ASPHALT

C OR CL

CONC.

CMP

HDD

PVMT.

PVC

RCP

VCP

EX

HDPE

UNK

AGG

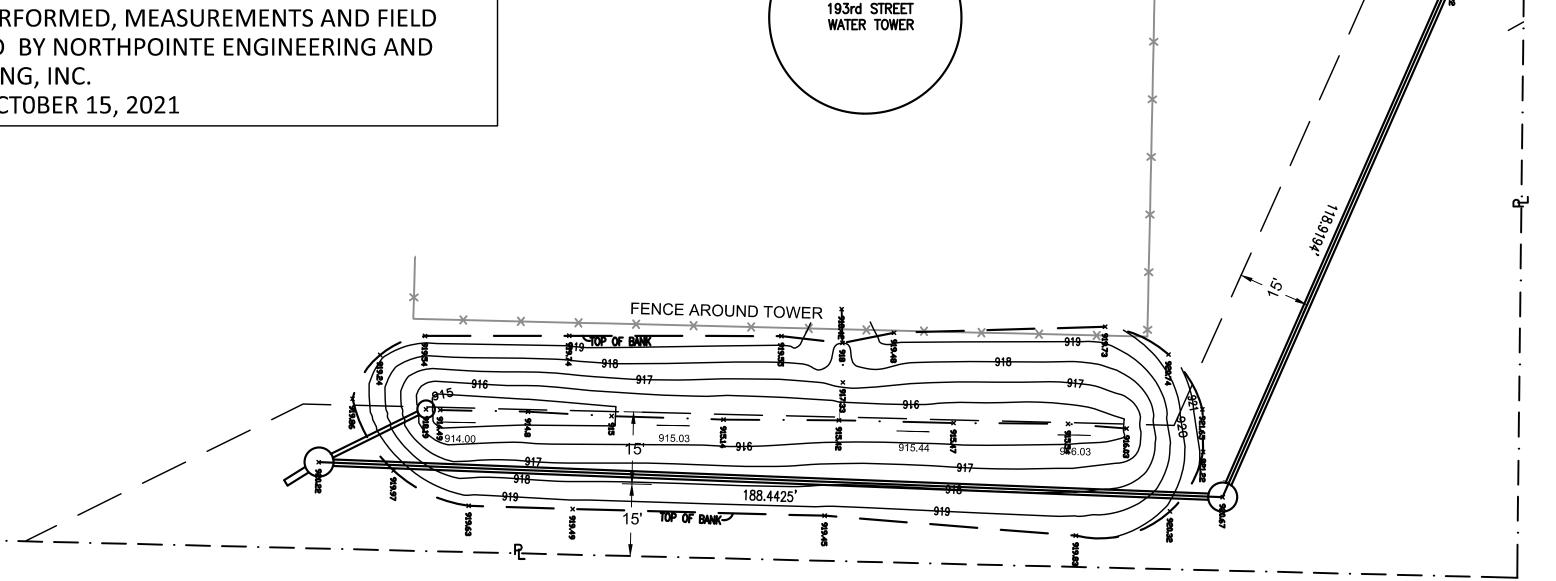
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DRAINAGE EASEMENT EXHIBIT



CONTACT INFORMATION

Citizens Energy Group Water 2150 Dr. Martin Luther King, Jr. Street Indianapolis, IN 46202 (317)327 - 4434Attn: Scott Ritter sritter@citizensenergygroup.com

Citizens Energy Group Gas 2150 Dr. Martin Luther King, Jr. Street Indianapolis, IN 46202 (317)327 - 4684Attn: Rich Miller rmiller@citizensenergygroup.com

Citizens Energy Group Sanitary 2150 Dr. Martin Luther King, Jr. Street Indianapolis, IN 46202 (317)429 - 3993Attn: Dave Clark dclark@citizensenergygroup.com

Duke Energy 2515 N. Morton Street Franklin, IN 46131 (317)736 - 2047Attn.: Gabe Gibson gabe.gibson@duke-energy.com



SO O &

CATION-BUILTS DRAIN F L NOTE A A ET LEG/ GENEF

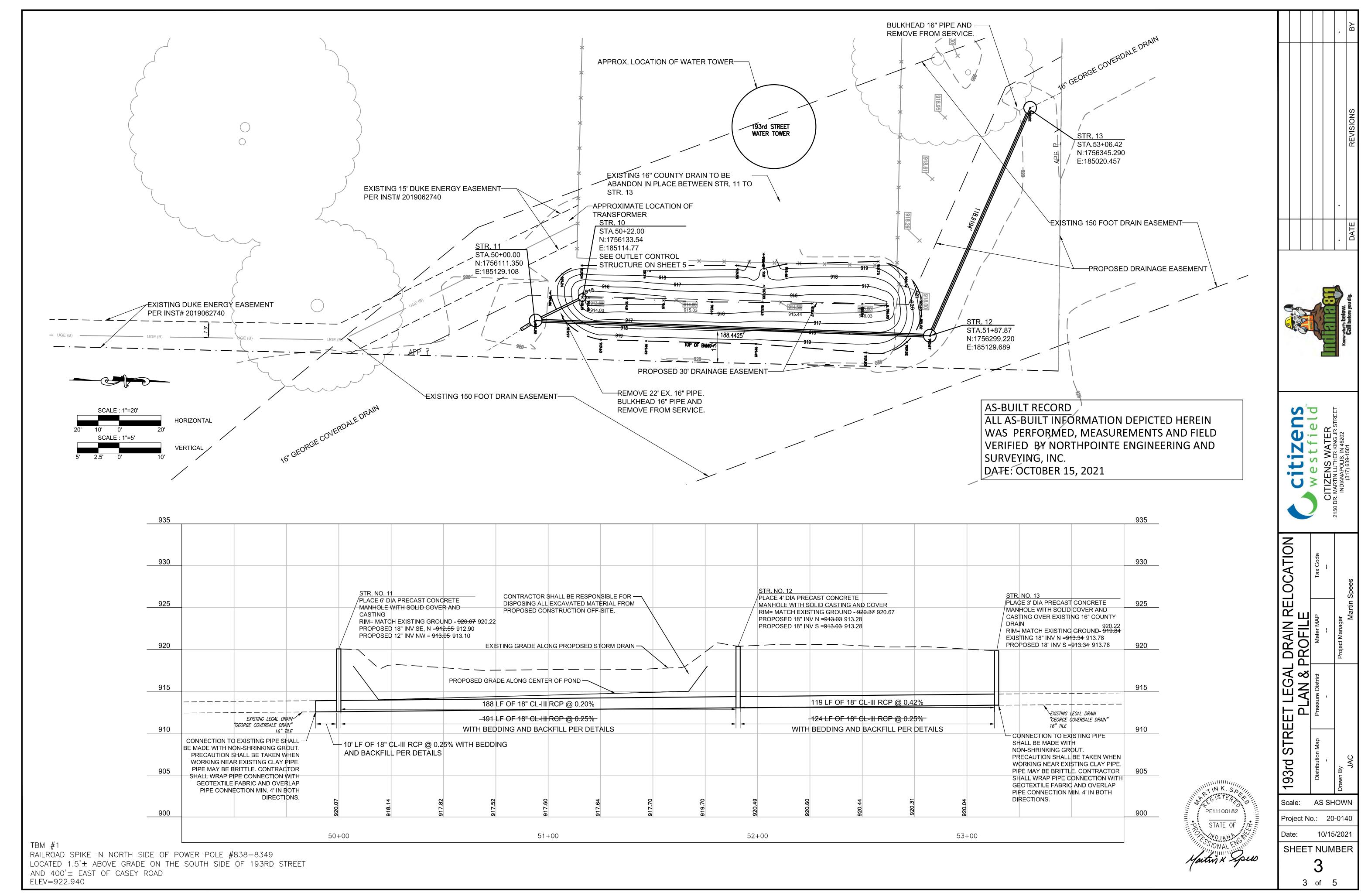
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AS SHOWN Scale: Project No.: 20-0140

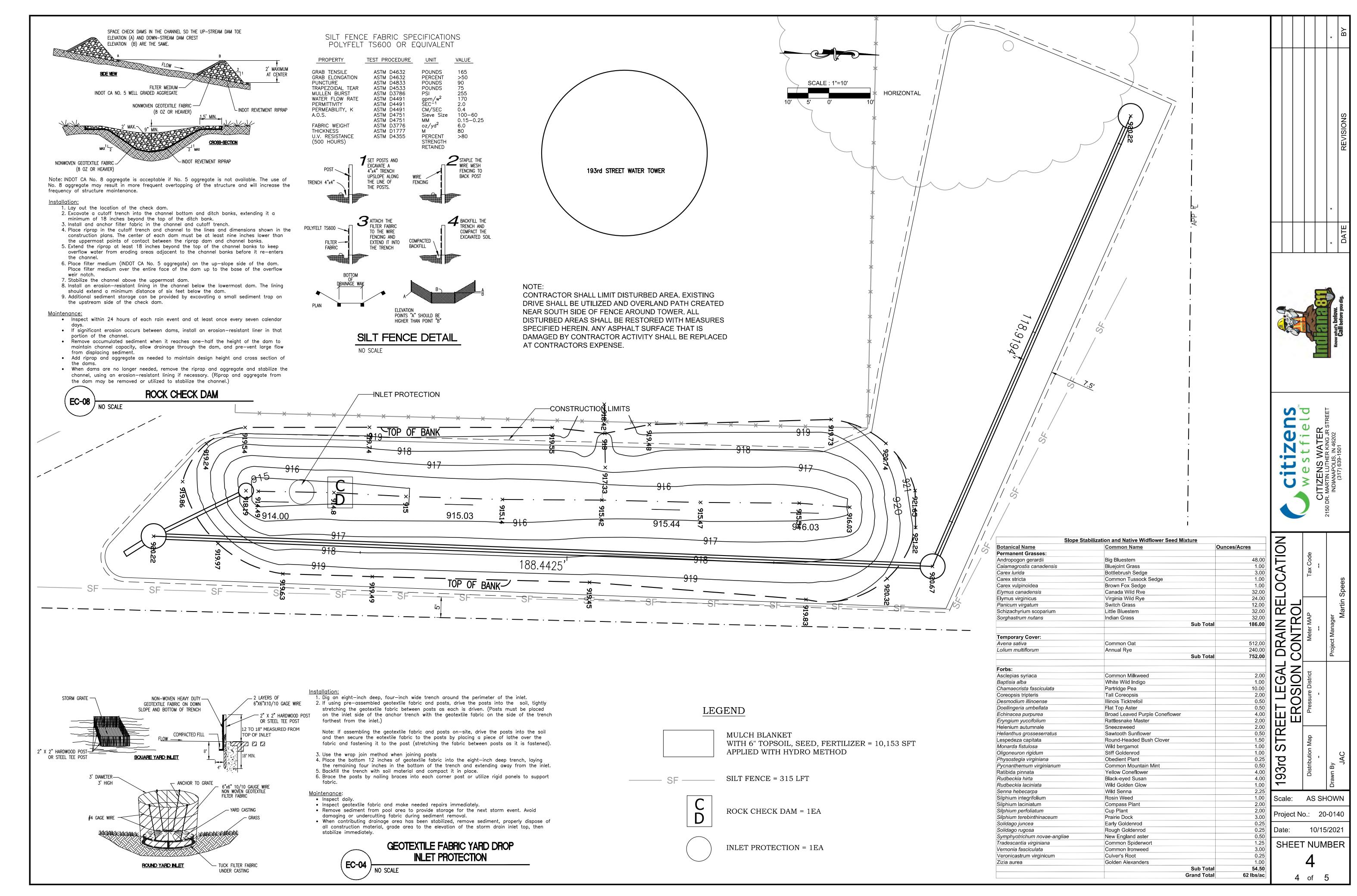
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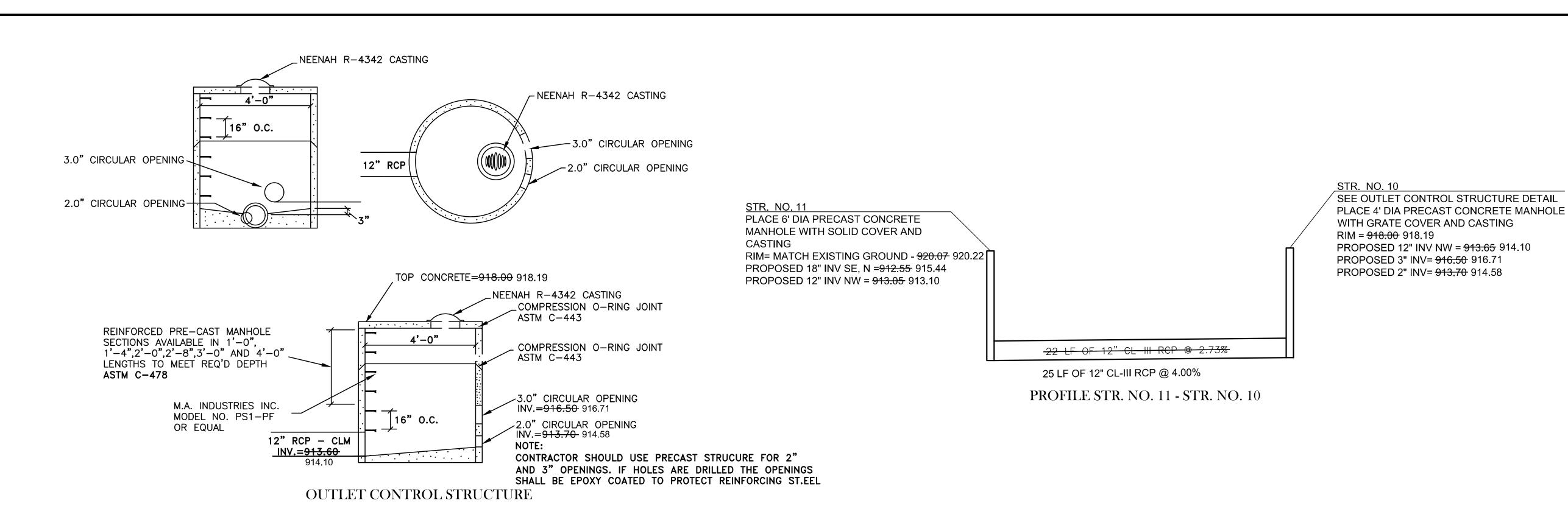
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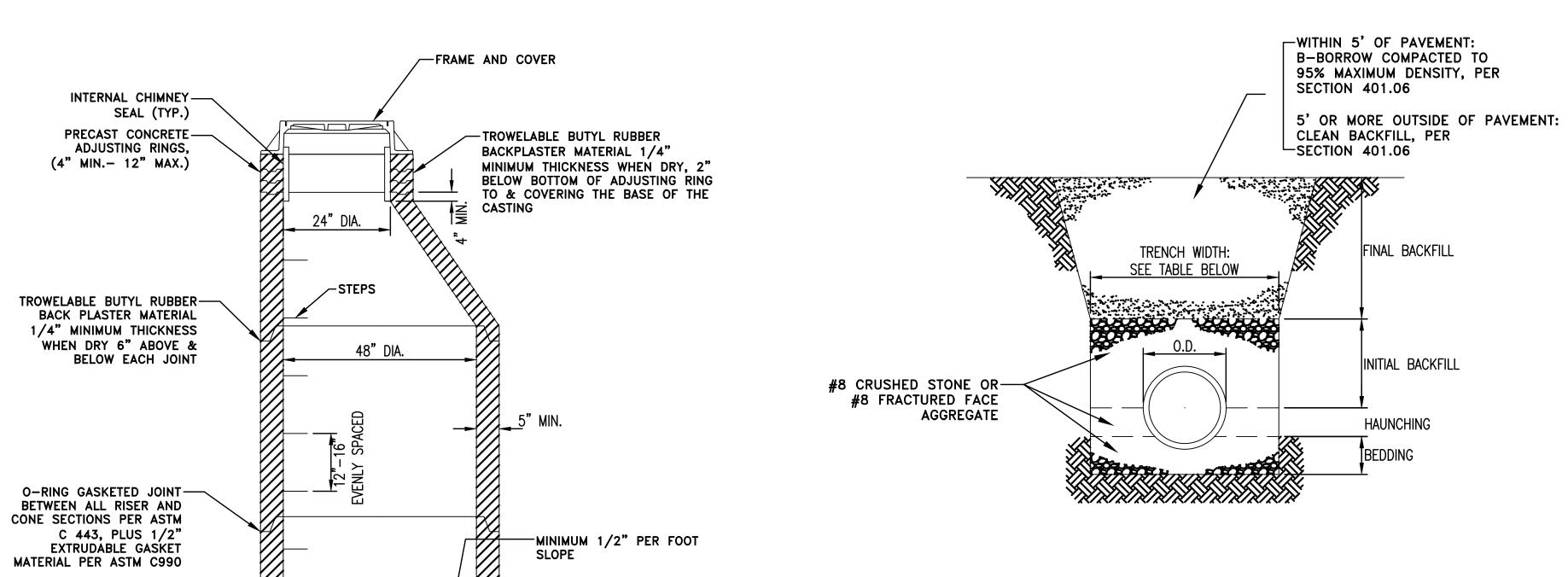
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-MANHOLE BASE & RISER-ONE MONOLITHIC PRECAST CONCRETE UNIT

-REINFORCING STEEL PER ASTM C478

MINIMUM BE	DDING, HAUNCHING, AND INITIAL BACK	FILL DEPTHS
PIPE SIZE	BEDDING (BELOW PIPE BARREL)	HAUNCHING AND INITIAL BACKFILL (ABOVE TOP OF PIPE)
UNDER 8"	4" MIN.	4" MIN.
8" TO 15"	4" MIN.	12" MIN.
18" & OVER	8" MIN.	12" MIN.

MINIMUM TREN	NCH WIDTHS
PIPE SIZE	MINIMUM WIDTH
UP TO 18"	0.D. + 16"
18" & OVER	(0.D. x 1.25) + 12"

FLEXIBLE PIPE BEDDING & BACKFILL REQUIREMENTS

. DE	DDING HALINGHING AND INITIAL DACK	EII DEDTUS	AS-BUILT RECORD ALL AS-BUILT INFORMATION DEPICTED HEREIN
ו אנ	DDING, HAUNCHING, AND INITIAL BACK	FILL DEPTHS	WAS PERFORMED, MEASUREMENTS AND FIELD
	BEDDING (BELOW PIPE BARREL)	HAUNCHING AND INITIAL BACKFILL (ABOVE TOP OF PIPE)	VERIFIED BY NORTHPOINTE ENGINEERING AND
	4" MIN.	4" MIN.	SURVEYING, INC.
	4" MIN.	12" MIN.	DATE: OCTOBER 15, 2021

MINIMUM TRENCH WIDTHS		
PIPE SIZE	MINIMUM WIDTH	
UP TO 18"	O.D. + 16"	
18" & OVER	(0.D. x 1.25) + 12"	

PE11100182 STATE OF

WITH GRATE COVER AND CASTING $RIM = \frac{918.00}{918.19}$ PROPOSED 12" INV NW = 913.65 914.10 PROPOSED 3" INV= 916.50 916.71 PROPOSED 2" INV= 913.70 914.58

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DRAIN RELOCATION GAL DET STREE

193rd Scale: AS SHOWN Project No.: 20-0140

10/15/2021 Date:

SHEET NUMBER 5 of 5

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BEDDING- MIN. 6" OF-NO. 8 CRUSHED STONE OR NO. 8 FRACTURED FACE AGGREGATE

STANDARD MANHOLE FOR PIPE

SIZES 8"-24" (STRAIGHT THROUGH)

6" FOR 48" DIA. MANHOLE,

8" FOR MANHOLES GREATER THAN 48"