



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

November 05, 2012

To: Hamilton County Drainage Board

Re: Mud Creek - Sand Creek Drainage Area, Fishers Senior Housing Arm

Attached is a petition and plans for the proposed Mud Creek – Sand Creek Drain, Fishers Senior Housing Arm. The arm is being proposed by Fishers Senior Housing Property, LLC. The proposal is to extend an arm across parcel 19-11-32-00-09-002.001, owned by Fishers Senior Housing Property, LLC; parcel 19-11-32-00-00-034.000, owned by Enrique Apartment Company, Ltd.; and parcel 19-11-32-00-00-034.002, owned by Hunt Sand Creek, LLC, as part of the Watermark on Cumberland project per plans by A&F Engineering, Job No. 12054L, revision date 10/10/12.

Per the plans, the arm will be a 550' long open drain with a three (3) foot wide flat bottom, constructed with erosion control measures and will extend from the Watermark detention pond outlet pipe (Sta. 0+00) to the confluence with Sand Creek (Sta. 5+50). The confluence of the new arm with Sand Creek will be located approximately 10' north of the existing 116th Street right-of-way in the Town of Fishers.

This line will consist of the following:

550' of Open Ditch

The total length of the new arm shall be 550 feet. This proposal will add 550 feet to the drain's total length.

The cost of the relocation is to be paid by Fishers Senior Housing Property, LLC. The developer shall provide surety in the amount of 120% of the construction costs of the arm upon approval by the Board.

The easement for the new drain will be as follows: On parcels 19-11-32-00-00-034.000 and 19-11-32-00-00-034.002 the existing easement is adequate to cover the new arm on these parcels. No change to the existing easement is proposed at this time for these parcels. On parcel 19-11-32-00-09-002.001, owned by the petitioner, the easement for the new arm shall be the statutory 75' easement from top of bank. This easement also falls within the existing right of way for 116th Street owned by the Town of Fishers.

The project falls under the requirements as set out in IC 36-9-27-66.0. Therefore, a hearing is required for the petition. I recommend that the Board set a hearing date for December 10, 2012.

Sincerely

Kenton C. Ward

Hamilton County Surveyor

KCW/pll

То:	Hamilton County Drainage Board	Date: October / 2012	OCT 1 0 2012
Re:	Sand Creek Drain	OFFICE O	F HAMILTON COUNTY SURVEYOR
	Fishers Senior Housing Property LLC	(Here-in-after "Petitioner"),	SURVEYOR
hereby	petitions the Hamilton County Drainage Board u	under IC 36-9-27-66 for an arm to be	
installe	ed to the Drain in or	rder to serve the property of the	
petitio	ner. The petitioner, in support of said petition, ad	lvises the Board that:	
1. T	The Sand Creek Drain is presently f the petitioner is assessed as benefited by the ma	on a maintenance program and that land intenance of the regulated drain	
	here is no known adequate open or tiled drain corne regulated drain;	nnecting the land of the petitioner with	
	The waters from the petitioners land flow over or the regulated drain;	through land owned by others to reach	
tl	The legal description of lands through which the none parcel numbers, name and address of each own which is attached;	new regulated drain will run along with ner of that land is shown on Exhibit "A"	
5. T	The general route of the proposed new regulated don Exhibit "B" which is attached.	lrain and method of construction is shown	1
6. P	etitioner agrees to pay all legal and construction one proposed new regulated drain.	costs involved with the construction of	
	Signed	Printed	
//	hales _	John Tolled	_
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			_

STATE OF INDIANA) BEFORE THE HAMILTON COUNTY

OUNTY OF HAMILTON) BEFORE THE HAMILTON COUNTY

DRAINAGE BOARD

NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

Mud Creek/Sand Creek Drainage Area, Fishers Senior Housing Arm

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Mud Creek/Sand Creek Drainage Area*, *Fishers Senior Housing Arm* came before the Hamilton County Drainage Board for hearing *on December 10*, *2012*, 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 *Mud Creek/Sand Creek Drainage Area*, *Fishers Senior Housing Arm* 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

WINDERSIDENT

Member

Member

ATTEST: Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Mud Creek/Sand Creek Drainage Area, Fishers Senior Housing Arm

NOTICE

Тο	Whom	Τ±	Mav	Concern	and:	
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Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the Mud Creek/Sand Creek Drainage Area, Fishers Senior Housing Arm on December 10, 2012 at 12:05 P.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)		DRAINA	GE BO	DARD

IN THE MATTER OF Mud Creek/Sand Creek Drainage Area, Fishers Senior Housing Arm

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **December 10, 2012** 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: Christine Altman
VICE PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Tax (317) 776-9628

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

To: Hamilton County Drainage Board

March 8, 2017

Re: Mud-Creek Sand Creek Drainage Area- Fishers Senior Housing Arm

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

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated November 5, 2012. The report was approved by the Board at the hearing held December 10, 2012. (See Drainage Board Minutes Book 14, Pages 440-442) The changes are as follows: A second pond was added to the project. This shifted the outlet for the detention approximately 138 feet east. Therefore, the open ditch was shortened from 550 feet to 412 feet. The length of the drain due to the changes described above is now **412 feet**.

The easement was outlined in my original report to the Board as the statutory 75' easement from top of bank. The project was paid for by the petitioner, Fishers Senior Housing Property, LLC and a surety was not submitted.

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

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: FISHERS SENIOR HOUSING ARM

					If Applicable			
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:		
OPEN DITCH	N/A	412	412	0	\$19.55 LF	8054.60		
				,				
		9						
	_							
	Sum:	412	412	0		\$8054.60		
Final Report: 412								
Comments:								
		<i>-</i>						
			E					
			·					



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Reserve at Hamilton Trace, Detention Pond Outlet to Sand Creek [CEC Proj. #111-974]

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.

Signature: OSye	Date: March 2, 2017	

Type or Print Name: Anthony B. Syers

7400

Business Address: 530 East Ohio Street, Suite G
Indianapolis, IN 46204

Telephone Number: 317-655-7777

Indiana Registration Number: LS 20800124





inspired living and compassionate care

July 21, 2014

Surveyor's Office Hamilton County ATTN: Mr. Kenton Ward Suite 188, One Hamilton County Square Noblesville, IN 46060

REF: Change to Drain Length

JUL 23 2014

OFFICE OF HAMILTON COUNTY SURVEYOR

Dear Mr. Ward:

On behalf of Fishers Senior Property, LLC, I am requesting a change in the length of the legal drain extension that will serve our Reserve at Hamilton Trace project. We ask that the drain now start at the outlet of structure 40 on the south side of the retention pond and terminate in Sand Creek. We will provide as built drawings of this area upon completion of the work.

If there is any additional information you might need please contact me at 317-600-2044 or jtalbot@cardon.us. I look forward to your approval of this request.

Sincerely,

John Talbot

Senior Development Manager

CC:

Aaron Hurt, Civil and Environmental Consultants

The Reserve at Hamilton Trace

11851 Cumberland Road

Fishers, Indiana 46038

Pond Outlets As-Builts

April 08, 2016



LOCATION MAP

DESIGN DATA - PROJECT NOTES:

1. LOT SIZE: 19.191 Acres

2. STORM SEWER:

- PROJECT VICINITY

MADISON DELAWARE

MONROE BROWN BARTHOLOMEW

PUTNAM

1,666 LF OF 12" RCP 626 LF OF 15" RCP

834 LF OF 18" RCP 326 LF OF 24" RCP

245 LF OF 30" RCP

3. THE CONTRACTOR SHALL SCHEDULE A STORMWATER INFRASTRUCTURE PRE-CONSTRUCTION MEETING WITH THE TOWN OF FISHERS ENGINEERING & PUBLIC WORKS DEPARTMENT PRIOR TO THE START OF CONSTRUCTION.

4. THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE CURRENT TOWN OF FISHERS SPECIFICATIONS AND STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.

5. DESIGN AND CONSTRUCTION SHALL COMPLY WITH ADA REQUIREMENTS.

6. TOTAL IMPERVIOUS AREA = 326,700 SF (7.50 ACRES) WITH FUTURE **EXPANSION AREAS.**

7. PART OF THE PROJECT SITE LIES INSIDE OF THE 100 YEAR FLOOD PLAIN.

8. THE FINAL STORMWATER INFRASTRUCTURE INSPECTION WILL NOT BE PERFORMED BY THE TOWN OF FISHERS DEPARTMENT OF ENGINEERING INSPECTOR UNTIL ALL UTILITIES ARE COMPLETED AND FINAL SITE STABILIZATION IS COMPLETED.

OPERATING AUTHORITY

TOWN OF FISHERS

DEPARTMENT OF ENGINEERING AND PUBLIC WORKS ONE MUNICIPAL DRIVE

FISHERS, INDIANA 46038 PH: (317) 595-3160

DEVELOPER

CARDON & ASSOCIATES

11313 USA PARKWAY, SUITE E148 FISHERS, INDIANA 46038 PH: (317) 842-1431

CONTACT: SCOTT RIGNEY OR JOHN TALBOT

ARCHITECT

HOCH ASSOCIATES, P.C.

11650 N. LANTERN ROAD, SUITE 101 FISHERS, INDIANA 46204 PH: (317) 841-0234

CONTACT: CHRIS MEIER, AIA, LEED AP BD+C

CIVIL ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

530 EAST OHIO STREET, SUITE G INDIANAPOLIS, IN 46204 PH: (317) 655-7777

FX: (317) 655-7778 CONTACT: AARON HURT, PE, AICP

LIST OF DRAWINGS

C000 **COVER SHEET**

C400 AS-BUILT STORM SEWER PLAN & PROFILE

AS-BUILT POND

RECORD DRAWING:

THE RECORD DRAWING INFORMATION PRESENTED ON THIS SHEET WAS PERFORMED UNDER MY DIRECT SUPERVISION. I CERIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION REPRESENTS CONSTRUCTED CONDITIONS AS OF THE DATE OF THE CERTIFICATION. THE SLOPE PERCENTAGE REPRESENTS A CALCULATED FIGURE AND IS FOR GENERAL INFORMATION ONLY. THE WYE LOCATION INFORMATION WAS FURNISHED BY THE CONTRACTOR AND IS EXCLUDED FROM THE CERTIFICATION.

DATED: APRIL 8, 2016 SIGNED:

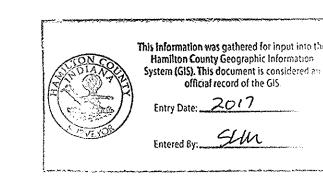
REPRESENTING: CIVIL & ENVIRONMENTAL CONSULTANTS, INC.



HOCH

ASSOCIATES

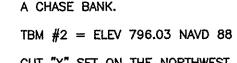
530 E. Ohio Street · Sulte G - Indianapolis, IN 4620-





TITLE SHEET

PROJECT NUMBER 12564 (CEC 111-974) CAD FILE: 111974-SV02-C000 DRAWN BY: CHECKED BY: SHEET NUMBER:



BENCHMARKS:

REFERENCE:

FLOOD NOTE:

UTILITY NOTE:

UNDERGROUND UTILITIES.

CUT "X" SET ON THE NORTHWEST BOLT OF A FIRE HYDRANT +/- 229 FEET WEST OF THE WEST END OF BRIDGE OVER SAND CREEK ON 116TH ST, ALSO +/- 53 FEET NORTH OF THE CENTERLINE OF 116TH ST.

116TH ST. ALSO +/- 50 FEET NORTH OF THE CENTERLINE OF 116TH ST. ALSO NEAR THE SOUTHWEST CORNER OF AN EXISTING POND JUST EAST OF

EXISTING BOUNDARY SURVEY AND TOPOGRAPHY PREPARED BY CENTRAL STATE

858-8662. DATED 10/23/13, PROJ. NO. 13-087. CONTOUR INTERVAL: 1 FT.

A PORTION OF THE PARCEL AND STRUCTURE DESCRIBED AND SHOWN HEREIN

DOES LIE WITHIN THAT SPECIAL FLOOD HAZARD ZONE "AE" AS SAID PARCEL

PLOTS ON COMMUNITY PANEL NUMBER 18057C0255F (DATED FEBRUARY 19,

THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP

SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO

GUARANTEES THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH

UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN

INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE

SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO

ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM

PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES. CONTRACTOR

CUT "X" SET ON THE NORTH EAST BOLT OF A FIRE HYDRANT +/-1200 FEET EAST OF THE INTERSECTION OF CUMBERLAND ROAD AND E

THE ENGINEER AND THE APPROPRIATE AUTHORITIES.

ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.

2003) OF THE FLOOD INSURANCE RATE MAPS FOR MARION COUNTY, INDIANA.

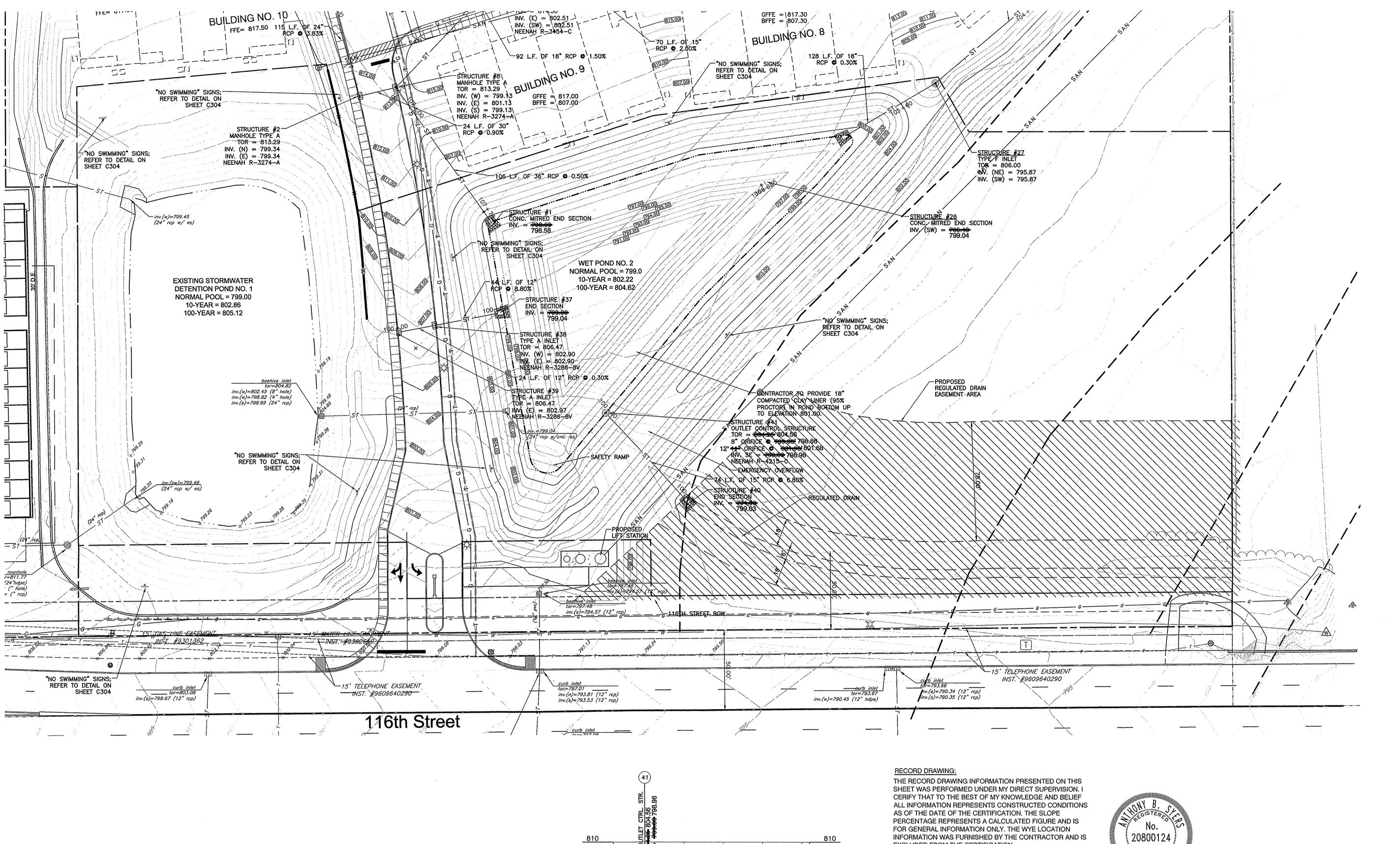
CONSULTING, 23-B GREEN STREET, BROWNSBURG, IN. PHONE: (317)

TBM #5 = ELEV 824.02 NAVD 88

TBM #1 = ELEV 810.89 NAVD 88

CUT SQUARE ON THE SOUTH SIDE OF A CONCRETE LIGHT POLE BASE LOCATED +/- 850 FEET EAST OF CENTERLINE OF CUMBERLAND ROAD AND 1145 FEET NORTH OF 116TH STREET AND 48.5 FEET SOUTH EAST OF A SANITARY MANHOLE.

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



790

99+80 100+00

-PROPOSED GRADE

3" RCP @ 6.80%

STORM OUTFALL PROFILE

SCALE H:1"=30'; V:1"=6'

EXISTING GRADE

790

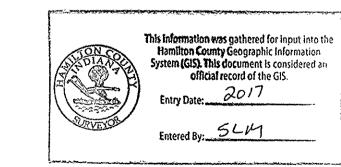
10110-10-205

EXCLUDED FROM THE CERTIFICATION.

DATED: APRIL 8, 2016 SIGNED:

REPRESENTING: CIVIL & ENVIRONMENTAL CONSULTANTS, INC.





TELEFAX 317.849.3500 Civil & Environmental Consultants, Inc. 530 E. Ohio Street · Suite G - Indianapolis, IN 46204 317-655-7777 · 877-746-0749 www.cecinc.com THIS IS AN ORIGINAL DESIGN, CREATED BY HOCH ASSOCIATES. THE CONCEPTS, IDEAS, PLANS AND DETAILS ARE THE SOLE PROPERTY OF HOCH ASSOCIATES. NONE OF THE CONCEPTS, IDEAS, PLANS OR DETAILS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WITHOUT THE PRIOR WRITTEN PERMISSION OF HOCH ASSOCIATES. WRITTEN DIMENSIONS ON DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND HOCH ASSOCIATES MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO HOCH ASSOCIATES FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

HOCH

ASSOCIATES

ARCHITECTS

ENGINEERS

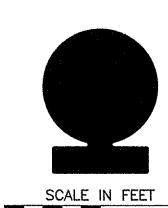
INTERIORS

FORT WAYNE . INDIANAPOLIS

11650 N LANTERN RD STE 101

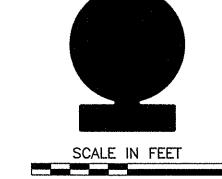
TELEPHONE 317.841.0238

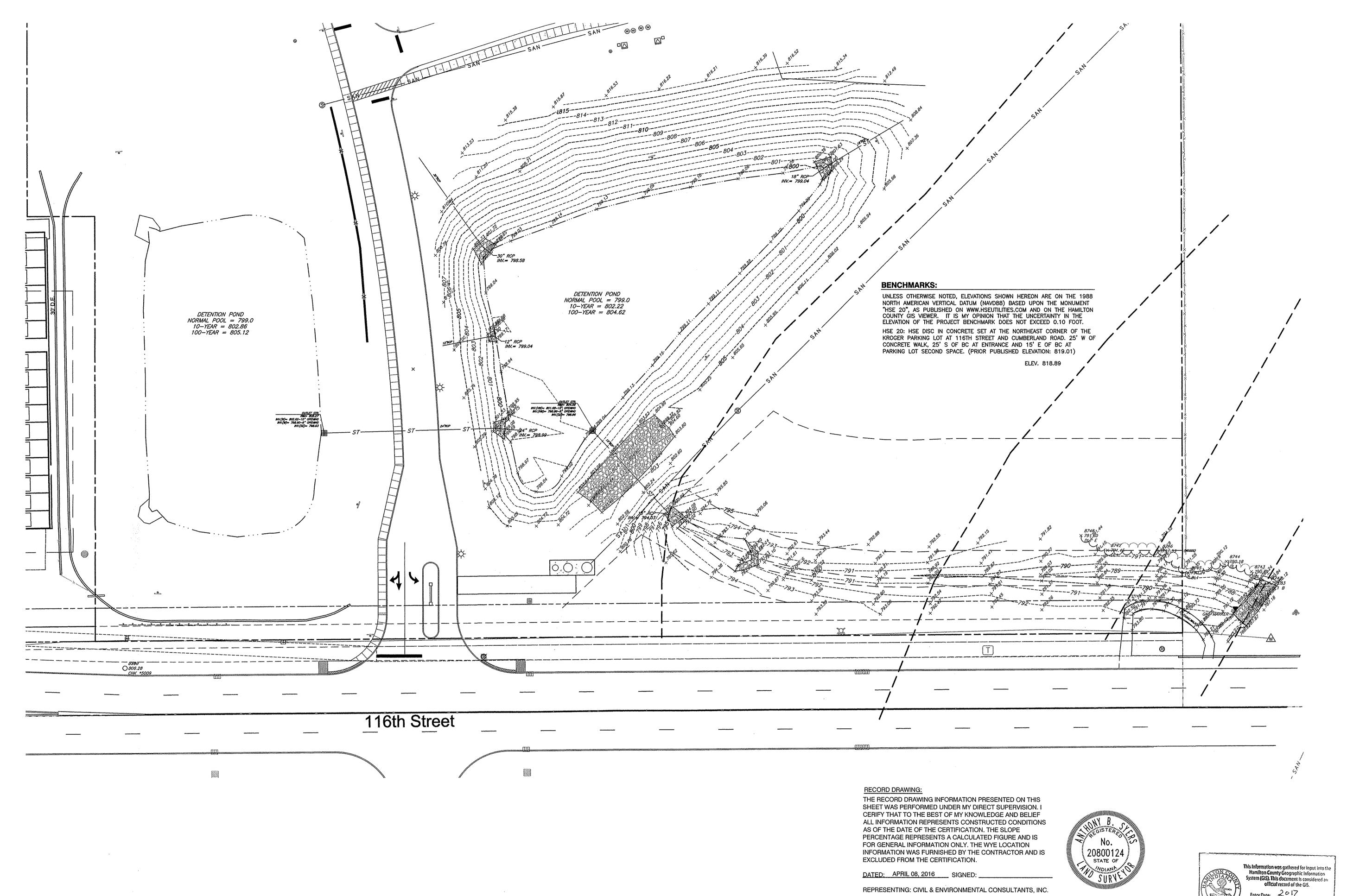
CONSULTANT:





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HOCH ASSOCIATES



ENGINEERS INTERIORS

FORT WAYNE • INDIANAPOLIS 11650 N LANTERN RD STE 101 FISHERS, INDIANA 47038

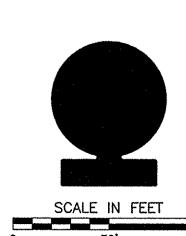
TELEFAX 317.849.3500

CONSULTANT:



Civil & Environmental Consultants, Inc. 530 E. Ohio Street · Suite G - Indianapolis, IN 46204 317-655-7777 · 877-746-0749 www.cecinc.com

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Entered By: 5LM

AS-BUILT POND

SHEET NUMBER:

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