

SURVEYOR'S OFFICE Hamilton County

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

September 4, 2020

To: Hamilton County Drainage Board

Re: Williams Creek, Hinshaw and Henley Drain—Liberty Villas Reconstruction

Attached is a petition and plans for the proposed reconstruction of the Hinshaw and Henley Drain located in the Williams Creek Watershed in Westfield, IN. The reconstruction is being proposed by Lennar Homes of Indiana. The reconstruction is per plans by Kimley Horn and Associates Inc., having Job No. 170134000 and dated 11/27/2019 (see sheet C600 and C601).

The entirety of the existing regulated drain on this property, which runs from Sta. 0 to Sta. 2+33 per it's 1908 description, will be replaced. The relocation begins at new Str. 429 then runs 240 feet north with 24" RCP to new Str. 408 then runs east for 125 feet with 24" RCP to Str. 409. The pipe then turns southeast for 45 feet with 24" RCP and reaches the curb of Stonneger Street at Str. 410. The pipe passes under the road for 31 feet with 27" RCP before reaching Str. 411. The 27" RCP continues east for 149 feet before reaching Str. 400 then turning south, the pipe runs for 214 feet with 36" RCP stopping at the curb of Garwood Drive at Str. 401. The pipe continues to run south beneath the curb for 31 feet with 36" RCP before stopping at Str. 402. The pipe continues south for 219 feet with 36" RCP before reaching Str. 403. Then turning east, the pipe runs for 53 feet before outletting into the onsite detention pond at outlet Str. 404. There is minor detention of the offsite stormwater before it is bypassed via spillway weir which drains to the detention pond located in the Harmony Subdivision to the east. Onsite detention will be released via an outlet control structure which begins at Str. 431 and runs southeast for 129 feet with 18" RCP before outletting into the detention pond in the Harmony Subdivision to the east at Str. 432.

The reconstructed drain shall consist of the following:

18" RCP	129 feet
24" RCP	410 feet
27" RCP	180 feet
36" RCP	517 feet
Open Ditch	250 feet

The open ditch listed above is the open ditch which runs through Lake #1 per pages C600 and C601 of the construction plans and will run in a straight line through Lake #1 from southwest to northeast for a distance of 250 feet between Str. 404 to Str. 431.

The total length of the reconstructed drain will be 1,486 feet. The 233 feet of original drain between Sta. 0 to Sta. 2+33 shall be vacated. This proposal will add 1,253 feet to the drain's total length.

Lake #1 per the plans is to be considered part of the regulated drain as a detention pond. Maintenance of the area assumed by the Drainage Board shall include the inlet and outlet of the reconstructed drain and ensuring that the flow of water is maintained as well as the storage volume, thus allowing no encroachments. The maintenance of the lake such as sediment within the lake and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of the Homeowners Associations. The overall cost of reconstruction will be paid by Lennar Homes of Indiana.

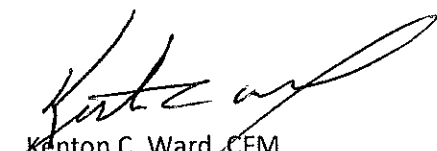
The remaining stormwater facilities not described above within the subdivision will be the maintenance responsibility of the City of Westfield.

The petitioner has provided the Performance Bond as follows:

Bonding Company:	Atlantic Specialty Insurance Company
Bond Number:	800055094
Bond Date:	August 28 th , 2020
Bond Amount:	136,240.50

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 designed by Kimley Horn and Associates, Inc.

I recommend that the Board set a hearing for this proposed drain for November 23, 2020.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

FILED

JAN 06 2020

OFFICE OF HAMILTON COUNTY SURVEYOR

IN RE: Liberty Villas)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

Lennar Homes of Indiana, Inc. (hereinafter Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Hinshaw and Henley Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Hinshaw and Henley 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 Hinshaw and Henley 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 Hinshaw and Henley Drain, without cost to other property owners on the watershed of the Hinshaw and Henley Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Hinshaw and Henley Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Signed

Keith Lash, Lennar Homes of Indiana, Inc.

Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

**Williams Creek, Hinshaw and Henley Drain
Liberty Villas Reconstruction**

Station 0 to Station 2+33

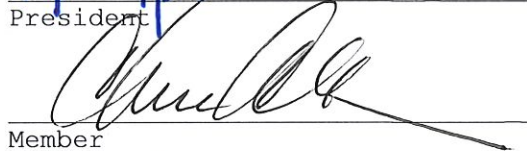
On this **23rd day of November, 2020**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Williams Creek, Hinshaw and Henley Drain, Liberty Villas Reconstruction (Station 0 to Station 2+33)**.

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 **Mud Creek/Sand Creek Drainage Area, E. E. Bennett Arm, 146th & Olio Road Roundabout Relocation (Station 80+15 to Station 96+00)**.

HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 
Executive Secretary

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
**Williams Creek, Hinshaw and Henley Drain, Liberty Villas
Reconstruction**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Williams Creek, Hinshaw and Henley Drain, Liberty Villas Reconstruction** came before the Hamilton County Drainage Board for hearing **on November 23, 2020**, 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 **Williams Creek, Hinshaw and Henley Drain, Liberty Villas Reconstruction** 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



PRESIDENT



Member



Member

ATTEST:


Executive Secretary

FILED

SEP 04 2020

OFFICE OF HAMILTON COUNTY SURVEYOR



Samuel Clark
Hamilton County Surveyor's Office
One Hamilton County Square, Suite 188
Noblesville, IN 46060

RE: Liberty Villas Section 1

Dear Mr. Clark:

On behalf of the developer, Lennar Homes of Indiana, Inc., I am submitting this Engineer's Estimate for the Regulated Drain at Liberty Villas Section 1

BASE PLAN

ITEM	QTY.	UNIT	UNIT COST	CONTRACT TOTAL	120% CONTRACT TOTAL
Storm Sewers					
<i>Storm Sewers</i>					
18" RCP Storm	129	LF	\$40.05	\$5,166.45	\$6,199.74
24" RCP Storm	410	LF	\$53.65	\$21,996.50	\$26,395.80
27" RCP Storm	180	LF	\$63.55	\$11,439.00	\$13,726.80
36" RCP Storm	517	LF	\$92.95	\$48,055.15	\$57,666.18
Type A Inlet (24"x24") w/casting	5	EA	\$1,726.00	\$8,630.00	\$10,356.00
Outlet Structure w/casting	1	EA	\$2,463.00	\$2,463.00	\$2,955.60
48" Storm Manhole	4	EA	\$2,450.00	\$9,800.00	\$11,760.00
18" CES End Section w/ Debris Guard	1	EA	\$2,156.00	\$2,156.00	\$2,587.20
Rip Rap	22	TON	\$64.95	\$1,428.90	\$1,714.68
Granular Backfill	95	TON	\$25.25	\$2,398.75	\$2,878.50
Subtotal				\$113,533.75	\$136,240.50
Subtotal - Base Plan (rounded)					
				\$113,533.75	\$136,240.50
STORM SEWERS				\$113,533.75	\$136,240.50
Estimated Construction Total for Base Plan				\$113,533.75	\$136,240.50

Not Included in the OPCC:

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

***Williams Creek, Hinshaw & Henley Arm
Liberty Villas Reconstruction***

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Williams Creek, Hinshaw & Henley Arm, Liberty Villas Reconstruction** on **November 23, 2020** 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) DRAINAGE BOARD

IN THE MATTER OF **Williams Creek, Hinshaw & Henley Arm,
Liberty Villas Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **November 23, 2020** 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.

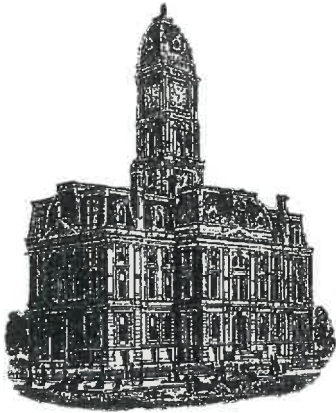
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

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: Mark Heirbrandt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

October 11, 2022

Re: Williams Creek, Hinshaw and Henley Drain: Liberty Villas Reconstruction

Attached are as-built, certificate of completion & compliance, and other information for the Hinshaw and Henley- Liberty Villas Reconstruction. 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 September 4, 2020. The report was approved by the Board at the hearing held November 23, 2020. (See Drainage Board Minutes Book 19, Pages 401-403) The changes are as follows: the 18" RCP was shortened from 129 feet to 120 feet. The 24" RCP was shortened from 410 feet to 409 feet. The 27" RCP was lengthened from 180 feet to 182 feet. The 36" RCP was shortened from 517 feet to 509 feet. The open ditch was lengthened from 250 feet to 257 feet. The length of the drain due to the changes described above is now **1477 feet**.

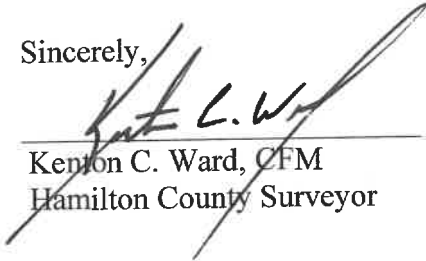
The non-enforcement was approved by the Board at its meeting on November 23, 2020 and recorded under instrument #2022015008.

The following sureties were guaranteed by Atlantic Specialty Insurance Company and released by the Board on its October 10, 2022, meeting.

Bond-LC No: 800055094
Amount: \$136,240.50
For: Storm Sewers & SSD
Issue Date: August 28, 2020

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

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Liberty Villas, Section 1

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in 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:  Date: 8/18/2022

Type or Print Name: Bill Butz

Business Address: 250 E. 96th Street, Suite 580

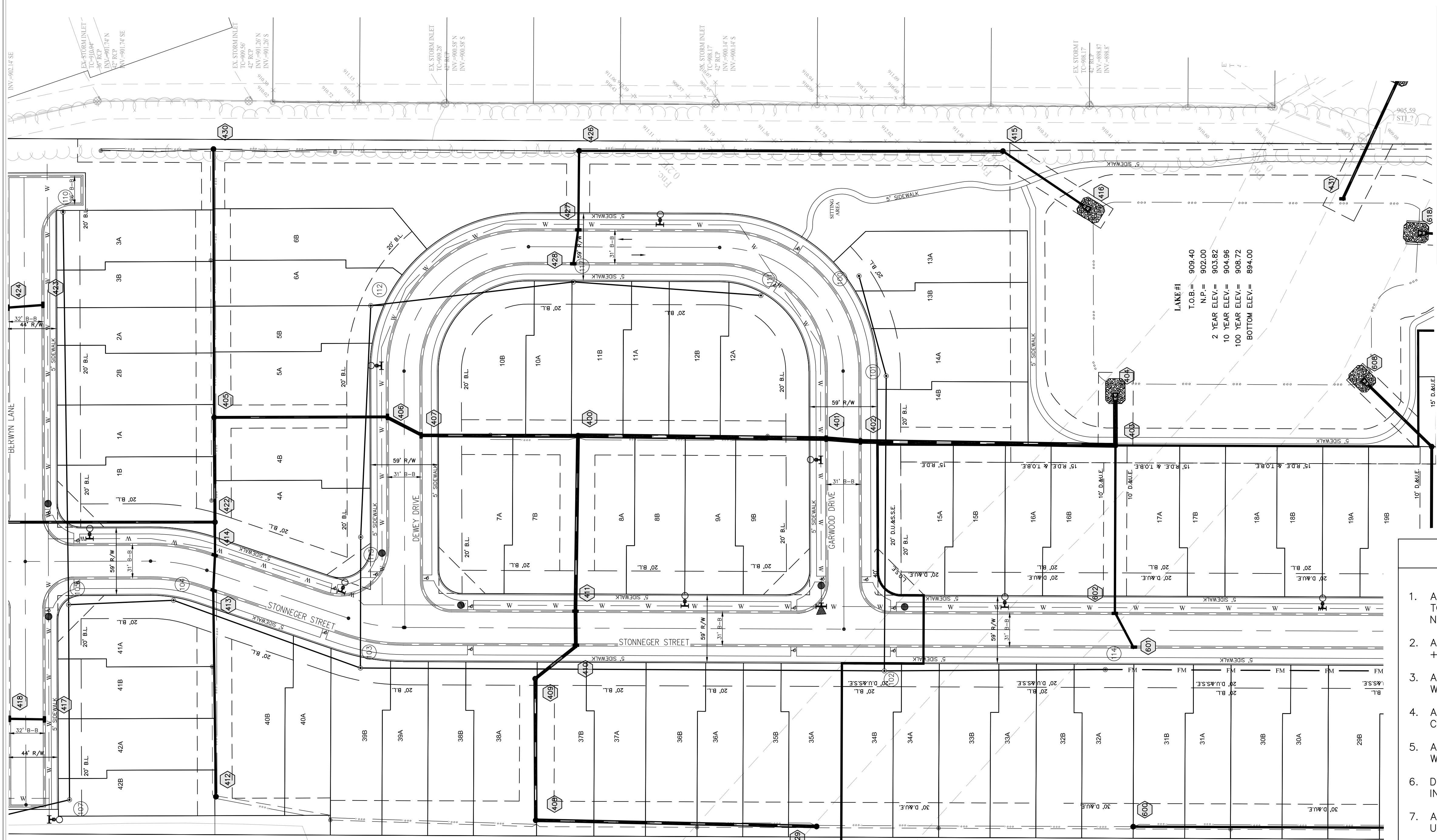
Indianapolis, IN 46240

Telephone Number: (317) 912-4097



INDIANA REGISTRATION NUMBER

PE10606045



RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY

James D. Small
CERTIFIED BY: JAMES D. SMALE
No. LS29500020
STATE OF INDIANA
LAND SURVEYOR

DATE: MARCH 30, 2020

SCHNEIDER GEOMATICS
A DIVISION OF THE SCHNEIDER ENGINEERING CORPORATION
8901 OTIS AVE, SUITE 100
INDIANAPOLIS, INDIANA 46216
(866) 973-7100

NOTE:
I, JAMES D. SMALE, CERTIFY THAT THE IMPROVEMENTS HAVE BEEN INSTALLED IN REASONABLE COMPLIANCE WITH THE ORIGINAL DESIGN PLANS WITH RESPECT TO HORIZONTAL LOCATIONS AND GRADES AND ANY DEVIATIONS OF LOCATIONS, GRADES OR MATERIAL USED ARE SHOWN IN THESE "AS-BUILT" DRAWINGS (PLANS).
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. Storm drainage system substantially complies with the approved construction plans.

LEGEND

	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY MANHOLE
	PROPOSED FIRE HYDRANT ASSEMBLY
	EXISTING CONTOUR
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED WATER LINE
	PROPOSED SWALE
	PROPOSED 5' SIDEWALK (BY HOME BUILDER) (DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)

- ### STORM SEWER NOTES
1. ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE ONE 4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.
 2. ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.
 3. ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY".
 4. ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO PAVEMENT GRADE WILL BE BACKFIELD WITH #8 STONE.
 5. ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
 6. DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.
 7. ALL STORM/SSD TO BE CLEANED AND TELEVIEWED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.
 8. STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.
 9. ALL BEEHIVE CASTINGS ON 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

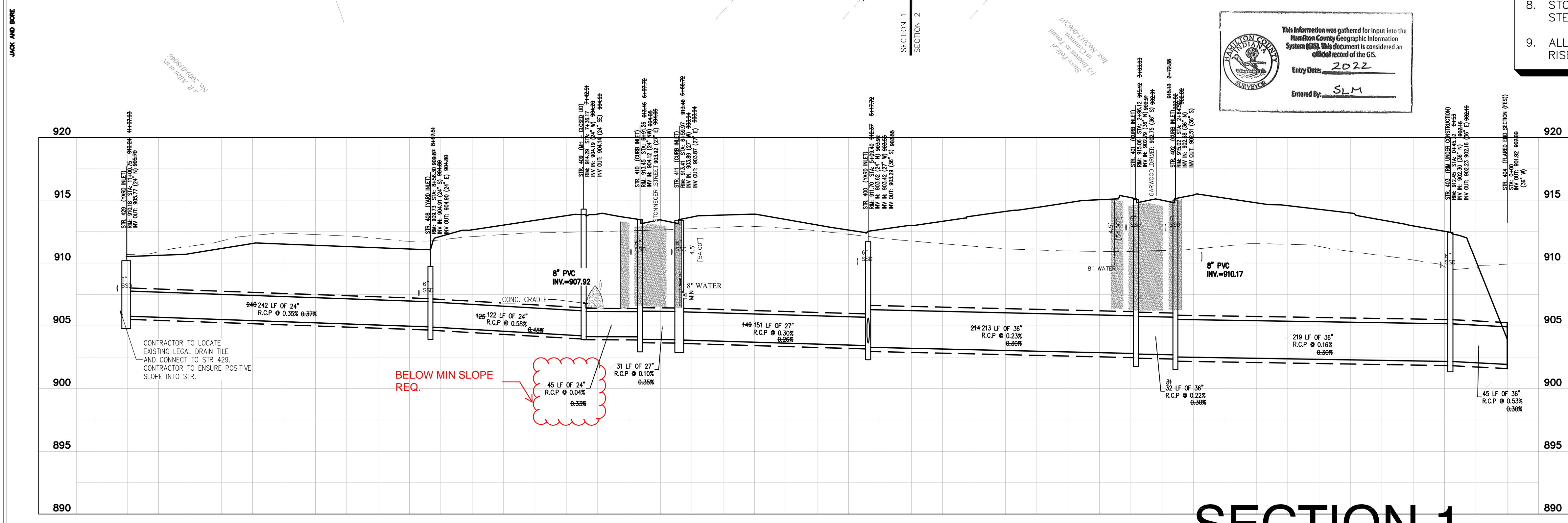
Schneider GEOMATICS
a division of Schneider Engineering Corp

Historic Fort Harrison
8901 Otis Avenue
Indianapolis, IN 46216-1037
Telephone: 317.826.7100
www.schneidergeomatrics.com

PROJECT INFORMATION: LIBERTY VILLAS - SECTION 1

WESTFIELD INDIANA
KIMLEY HORN

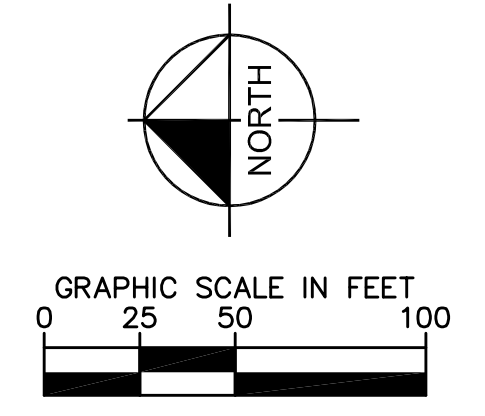
CLIENT INFORMATION:



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2022
Entered By: SLM

PROFILE LEGEND

	EXISTING GRADE
	PROPOSED GRADE
	FULL DEPTH GRANULAR BACKFILL



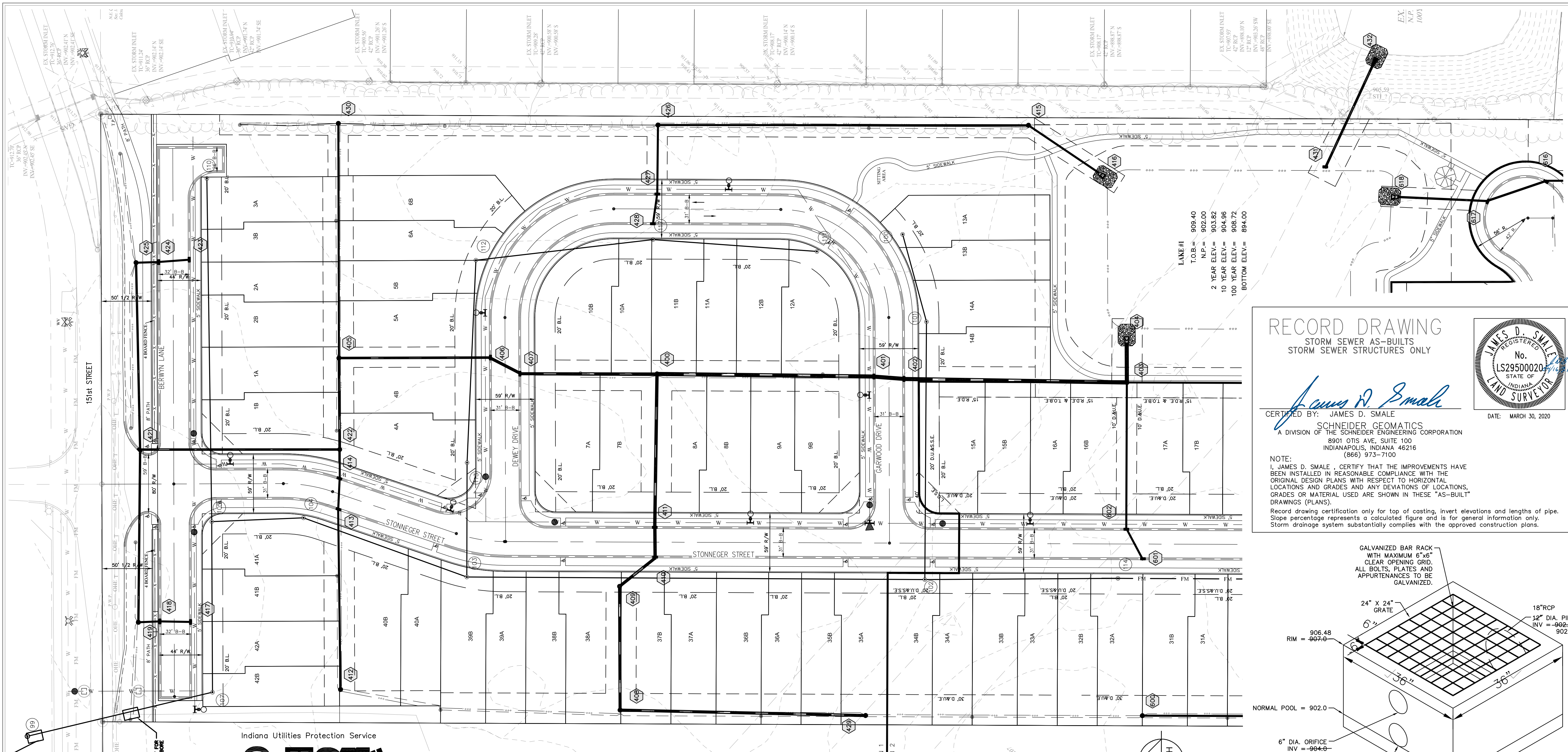
STM 429 - 404

SECTION 1

Indiana Utilities Protection Service

before you dig

DATE: 01-27-2021	PROJECT NO: 12001
DRAWN BY: REM/DAS	CHECKED BY: JJ/JT
REVISIONS:	
DRAWING FILES: Storm Plan & Profile-AB.dwg Liberty Villas Sec 1 GRASE-AB.dwg Xaurney.dwg	
SHEET NO: C600	

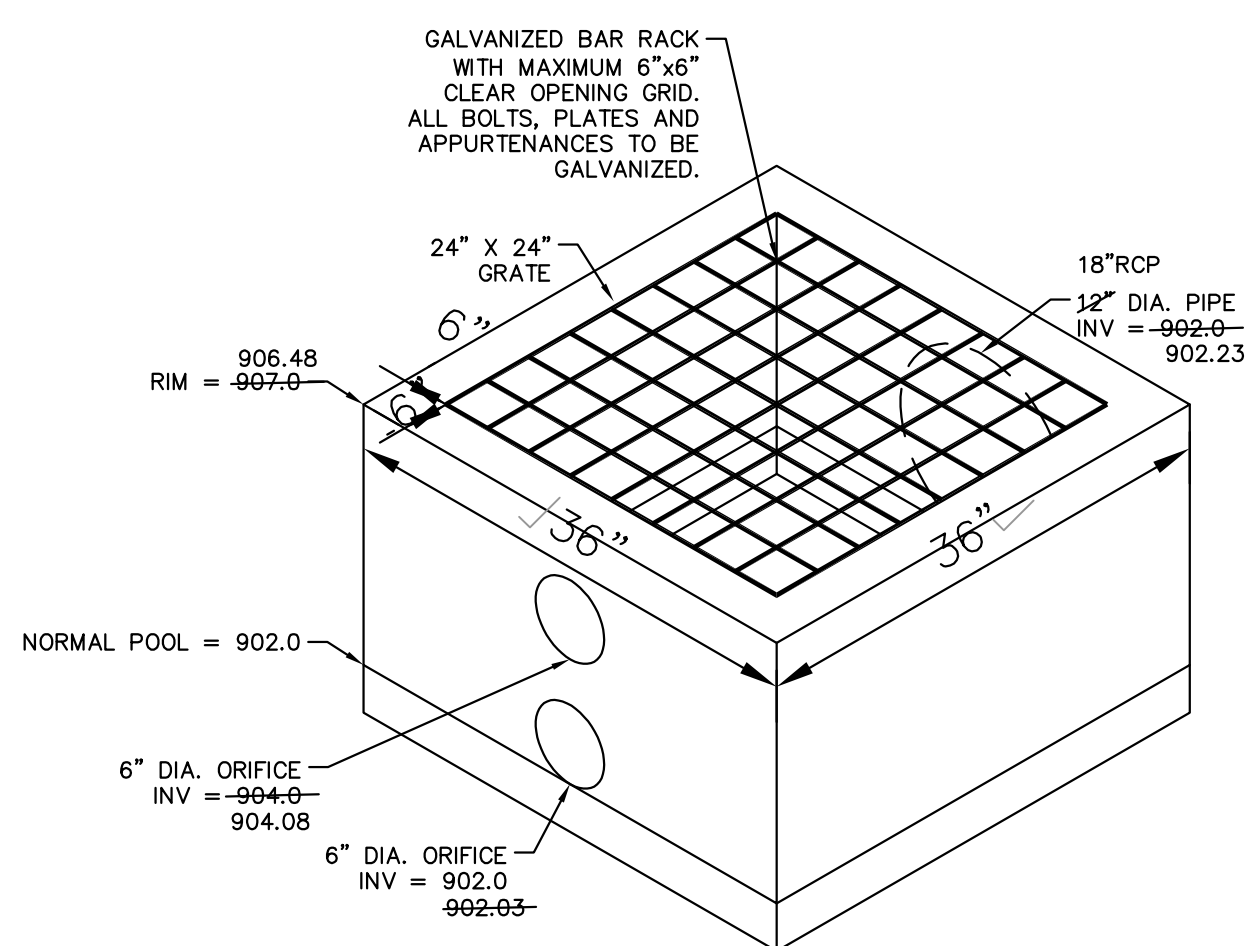
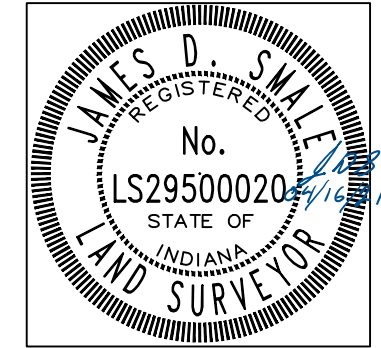


RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY

James D. Smale
 CERTIFIED BY: JAMES D. SMALE
 SCHNEIDER GEOMATICS
 A DIVISION OF THE SCHNEIDER ENGINEERING CORPORATION
 8901 OTIS AVE, SUITE 100
 INDIANAPOLIS, INDIANA 46216
 (866) 973-7100

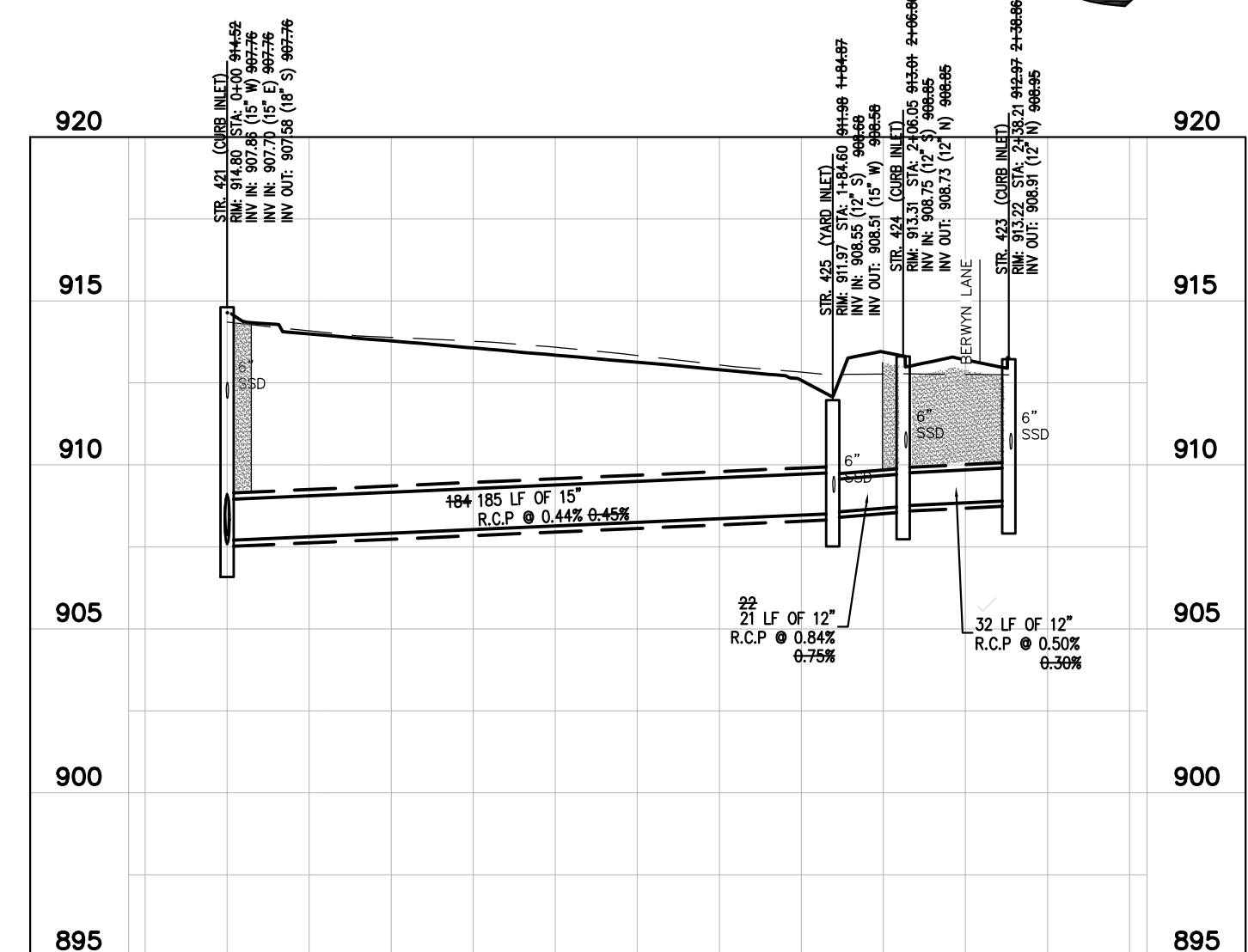
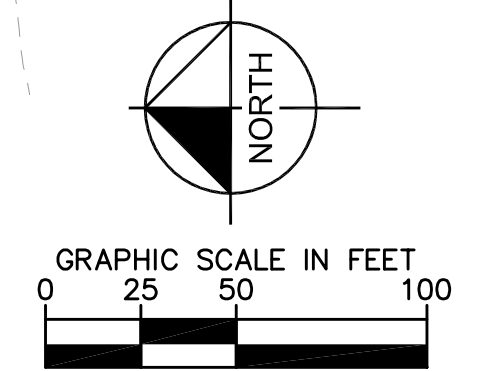
DATE: MARCH 30, 2020

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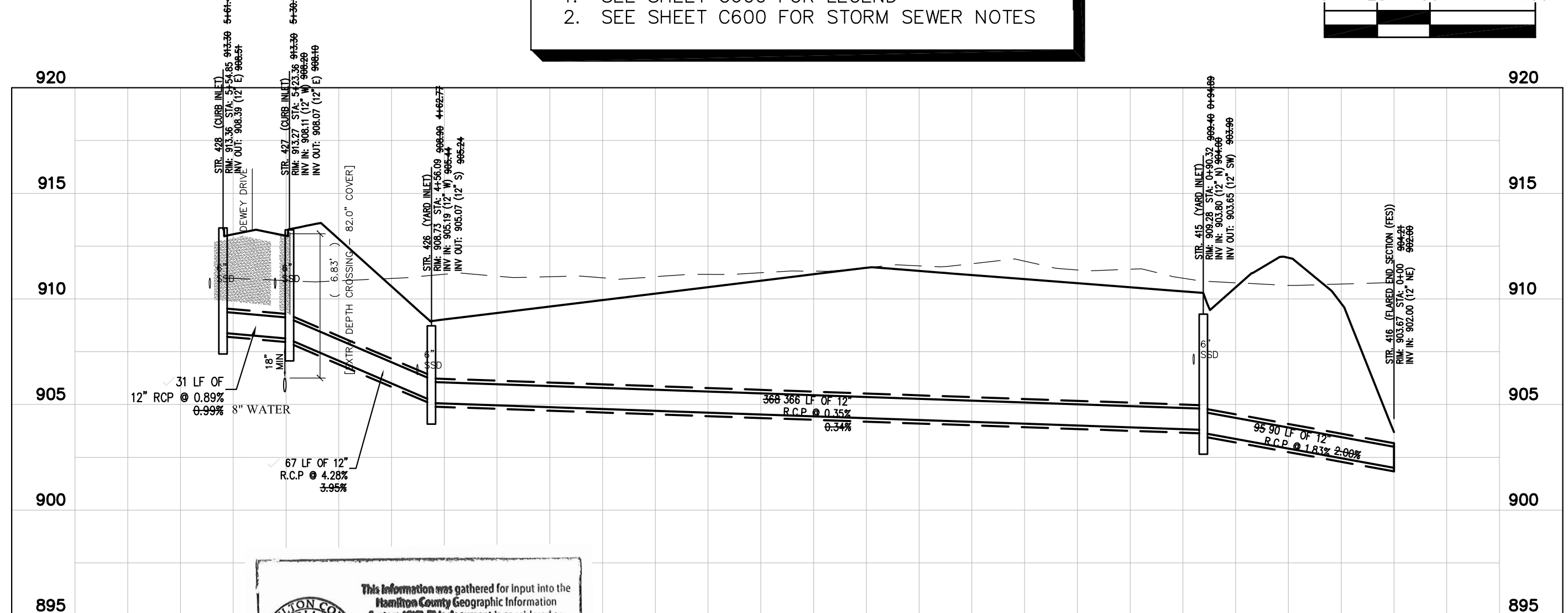


NOTES

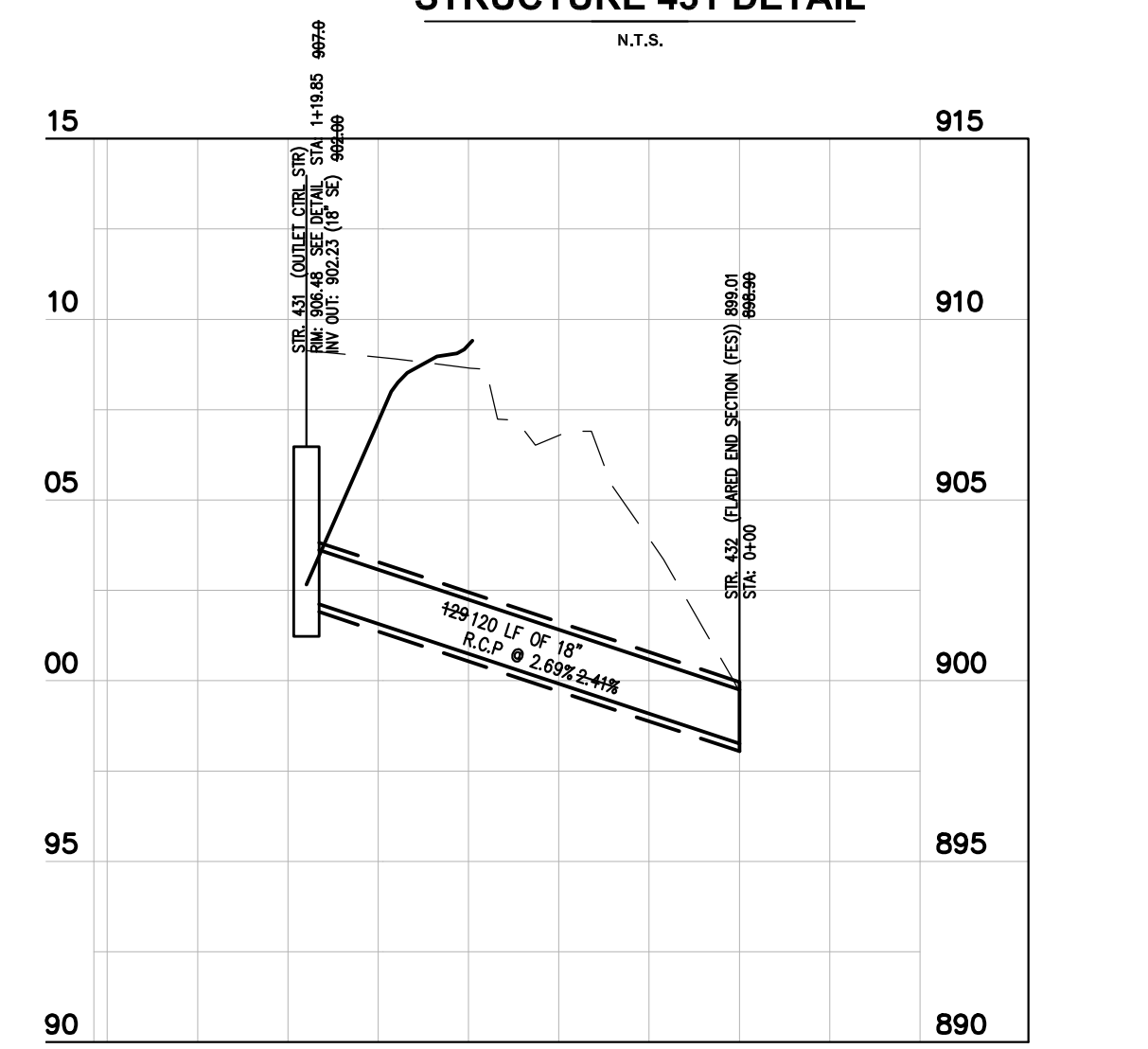
- SEE SHEET C600 FOR LEGEND
- SEE SHEET C600 FOR STORM SEWER NOTES



STM 423 - 421
 H: 1"=50 ; V: 1"=5



STM 428 - 416
 H: 1"=50 ; V: 1"=5

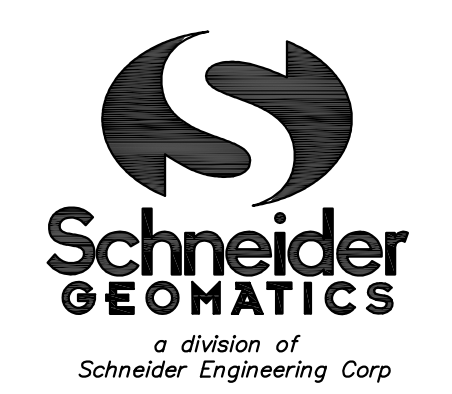


STM 431 - 432
 H: 1"=50 ; V: 1"=5

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 Entered By: SLM

SECTION 1

RECORD DRAWING



Historic Fort Harrison
 8901 Otis Avenue
 Indianapolis, IN 46216-1037
 Telephone: 317.826.7100
 www.schneidergeomatrics.com

PROJECT INFORMATION:
 LIBERTY VILLAS - SECTION 1
 STORM PLAN AND PROFILES

CLIENT INFORMATION:
 WESTFIELD INDIANA
 KIMLEY HORN

DATE: 01-27-2021 PROJECT NO.: 12001
 DRAWN BY: REM/DAS CHECKED BY: JJJ/WAS
 REVISIONS:

DRAWING FILES:
 Storm Plan & Profile-AB.dwg
 Liberty Villas Sec 1 GRASE-AB.dwg
 Xauney.dwg

SHEET NO.: **C601**