

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

November 28, 2018

To: Hamilton County Drainage Board

Re: Cool Creek Drain, Springmill Villas Arm

Attached is a petition filed by Springmill Villas Developer, LLC, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Springmill Villas Arm, Little Eagle Creek Drain to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP	866 ft.	27" RCP	19 ft.
15" RCP	876 ft.	30" RCP	496 ft.
18" RCP	378 ft.	30" HDPE	73 ft.
21" RCP	402 ft.	36" RCP	195 ft.
24" RCP	55 ft.	42" RCP	216 ft.
6" SSD	1,683 ft.		

The total length of the new storm sewer listed above will be 5,259 feet.

E.M. Osborn Arm

The E.M. Osborn Arm is being replaced with the storm sewer system being installed with Springmill Villas. The drain will be replaced from Sta. 47+70, which is the connection to Str. 48 in Quail Ridge Section 4, to Sta. 38+40, which is the location of new manhole 833 of the Springmill Villas plans by Stoepfelwerth and Associates, having job number 50690PLA-MF. This will remove 930 feet from the E.M. Osborn Arm of the Anna Kendall Arm of the Cool Creek Regulated Drain. The property north of Springmill Villas is owned by a large retail chain and is planned to be development in the next few years, which will replace the rest of the original tile on the south side of State Road 32.

E.M. Osborn - Arm 4

A breather will be set on the existing 10" tile at Sta. 2+45 and the tile removed running north and west in Common Area #2 to Sta. 0+00. The drainage from area will be picked up with the storm sewer system and the footage listed above. This will remove 245 feet from the E.M. Osborn Arm of the Anna Kendall Arm of the Cool Creek Regulated Drain.

The total change to the Cool Creek Regulated Drain is a net increase of 4,084 feet.

The retention ponds (Lake #1 and Lake #2) located in Common Area #2 are not to be considered part of the regulated drain. Pond maintenance assumed by the Drainage Board shall only include the inlets and outlet as part of the regulated drain. The maintenance of the retention ponds (lakes) such as sediment removal and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of the Homeowners Association. The Board will retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those main lines located in rear yards and common areas. The SSD's in the street will not be part of the regulated drain due to street trees and the Hamilton County Drainage Board discussion on July 9, 2018, (see Hamilton County Drainage Board Minute Book 18, Pages 204 to 206). The street SSD will be the maintenance responsibility of the City of Westfield. Only the main SSD lines which are located within the easement are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated are as follows:

Rear Yard SSDs:

- Rear yard lots 7A/B to 9A/B from Str. 808 running north to riser
- Rear yard lots 10A/B to 11A/B from Str. 808 to Str. 817A
- Rear yard lots 12A/B from Str. 817A running south to riser
- Side yard lot 14A from Str. 816 running south to riser
- Rear yard lots 13A/B to 14A/B from riser running west to riser
- Side yard lot 18A from Str. 819 running south to riser
- Rear yard lots 15A/B to 18A/B riser running east to riser
- Rear yard lots 19A/B to 21A/B from riser running east to riser
- Rear yard lots 15A/B to 26A/B from Str. 820A running north to riser

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$15.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. I recommend the commercial, institutional and multi-family residential tracts be set at \$35.00 per acre, with a \$75.00 minimum. With this assessment the total annual assessment for this drain will be \$6,607.70.

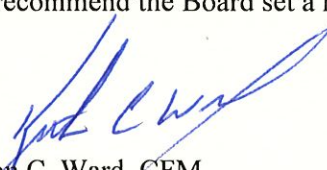
In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.



I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Springmill Villas as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 28, 2019.



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA )  
 )  
COUNTY OF HAMILTON )

**FILED**

**JUL 12 2018**

OFFICE OF HAMILTON COUNTY SURVEYOR

TO: HAMILTON COUNTY DRAINAGE BOARD  
% Hamilton County Surveyor  
One Hamilton County Square, Suite 188  
Noblesville, IN. 46060-2230

In the matter of Springmill Villas Subdivision, Section  
N/A Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Springmill Villas, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

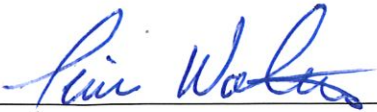
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

**RECORDED OWNER(S) OF LAND INVOLVED**

  
\_\_\_\_\_  
Signed

Tim Walter  
\_\_\_\_\_  
Printed Name

July 6, 2018  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

FINDINGS AND ORDER

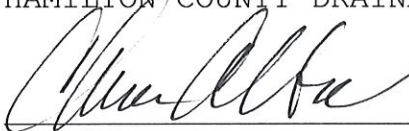
CONCERNING THE MAINTENANCE OF THE

Cool Creek Drain, Springmill Villas Arm


On this 28<sup>th</sup> day of January, 2019, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Cool Creek Drain, Springmill Villas Arm.**

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

  
President


  
Member

  
Member (Alternate)

Attest:   
Executive Secretary

**Spring Mill Villas**  
**Engineers Estimate - Storm Sewers & Monumentation**  
**Prepared on: 10/8/2018**

Item	Unit	Unit Cost	Quantities	Cost
<b>Storm Drainage</b>				
12" Pipe	LF	\$ 32.00	902	\$ 28,864
12" End Section	EA	\$ 1,400.00	5	\$ 7,000
12" Trash Guard	EA	\$ 600.00	5	\$ 3,000
15" Pipe	LF	\$ 36.00	906	\$ 32,616
18" Pipe	LF	\$ 43.00	378	\$ 16,254
18" End Section	EA	\$ 1,450.00	1	\$ 1,450
18" Trash Guard	EA	\$ 751.00	1	\$ 751
21" Pipe	LF	\$ 48.00	402	\$ 19,296
24" Pipe	LF	\$ 56.00	55	\$ 3,080
24" End Section	EA	\$ 1,500.00	1	\$ 1,500
24" Trash Guard	EA	\$ 900.00	1	\$ 900
27" Pipe	LF	\$ 63.00	763	\$ 48,069
27" End Section	EA	\$ 1,575.00	1	\$ 1,575
27" Trash Guard	EA	\$ 975.00	1	\$ 975
30" Pipe	LF	\$ 72.00	561	\$ 40,392
30" End Section	EA	\$ 1,595.00	3	\$ 4,785
30" Trash Guard	EA	\$ 1,125.00	3	\$ 3,375
36" Pipe	LF	\$ 104.00	195	\$ 20,280
42" Pipe	LF	\$ 135.00	216	\$ 29,160
42" End Section	EA	\$ 1,900.00	1	\$ 1,900
42" Trash Guard	EA	\$ 1,810.00	1	\$ 1,810
Standard Storm Manholes	EA	\$ 2,782.00	19	\$ 52,858
Large Storm Manholes	EA	\$ 3,776.00	14	\$ 52,864
Storm Inlets	EA	\$ 2,226.00	4	\$ 8,904
Sand Backfill and Bedding	TON	\$ 18.00	268	\$ 4,824
				<i>Subtotal 1</i>
				\$ 386,482
Sub-surface Drains - under curb	LF	\$ 8.25	6,560	\$ 54,120
Sub-surface Drains - swales	LF	\$ 10.48	1,723	\$ 18,054
				<i>Subtotal 2</i>
				\$ 72,174
				<b>Total</b>
				<b>\$ 458,656</b>
<b>Monuments &amp; Markers</b>				
Lot Corner Monuments	LOT	\$ 100.00	88	\$ 8,800
Street Centerline Monumentation	EA	\$ 150.00	16	\$ 1,050
				<b>Total</b>
				<b>\$ 9,850</b>
<b>Erosion Control</b>				
--> Not Applicable - Property annexed by City of Westfield and governed by Westfield MS4 permit.	LS	NA	NA	NA
				<b>Total</b>
				\$ -

BY:   
 Timothy J. Walter, P.E.  
 Indiana Registration No. 19900152

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF THE

**Cool Creek Drain, Springmill Villas Arm**

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **January 28, 2019** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

**Cool Creek Drain,  
Springmill Villas Arm**

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Cool Creek Drain, Springmill Villas Arm** on **January 28, 2019** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

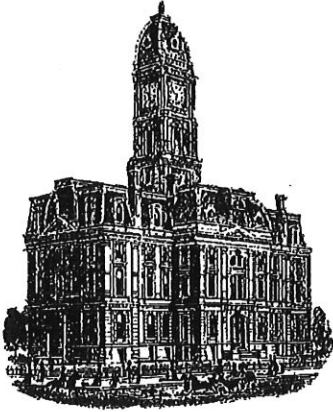
Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY



KCW



*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**

**February 20, 2020**

**Re: Cool Creek Drain – Springmill Villas Arm**


Attached are as-built, certificate of completion & compliance, and other information for Springmill Villas. 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 28, 2018. The report was approved by the Board at the hearing held January 28, 2019. (See Drainage Board Minutes Book 18, Pages 341-342) The changes are as follows: the 12" RCP was shortened from 866 feet to 860 feet. The 15" RCP was shortened from 876 feet to 874 feet. The 18" RCP was shortened from 378 feet to 375 feet. The 24" RCP was lengthened from 55 feet to 190 feet. The 6" SSD was shortened from 1,683 feet to 1,659 feet. The 30" RCP was shortened from 496 feet to 484 feet. The 30" HDPE was shortened from 73 feet to 61 feet. The 42" RCP was shortened from 216 feet to 213 feet. The length of the drain due to the changes described above is now **5,332 feet**. Note the project removed 1,175 feet to existing tile.

The non-enforcement was approved by the Board at its meeting on January 28, 2019 and recorded under instrument #2020008793. In accordance with IC 36-7-7-709, the petitioner did not submit a surety.

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: Springmill Villas

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: David J. Stoepfelwerth Date: December 4, 2019

Type or Print Name: David J. Stoepfelwerth

Business Address: Stoepfelwerth & Associates, Inc.

7965 East 106th Street, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL



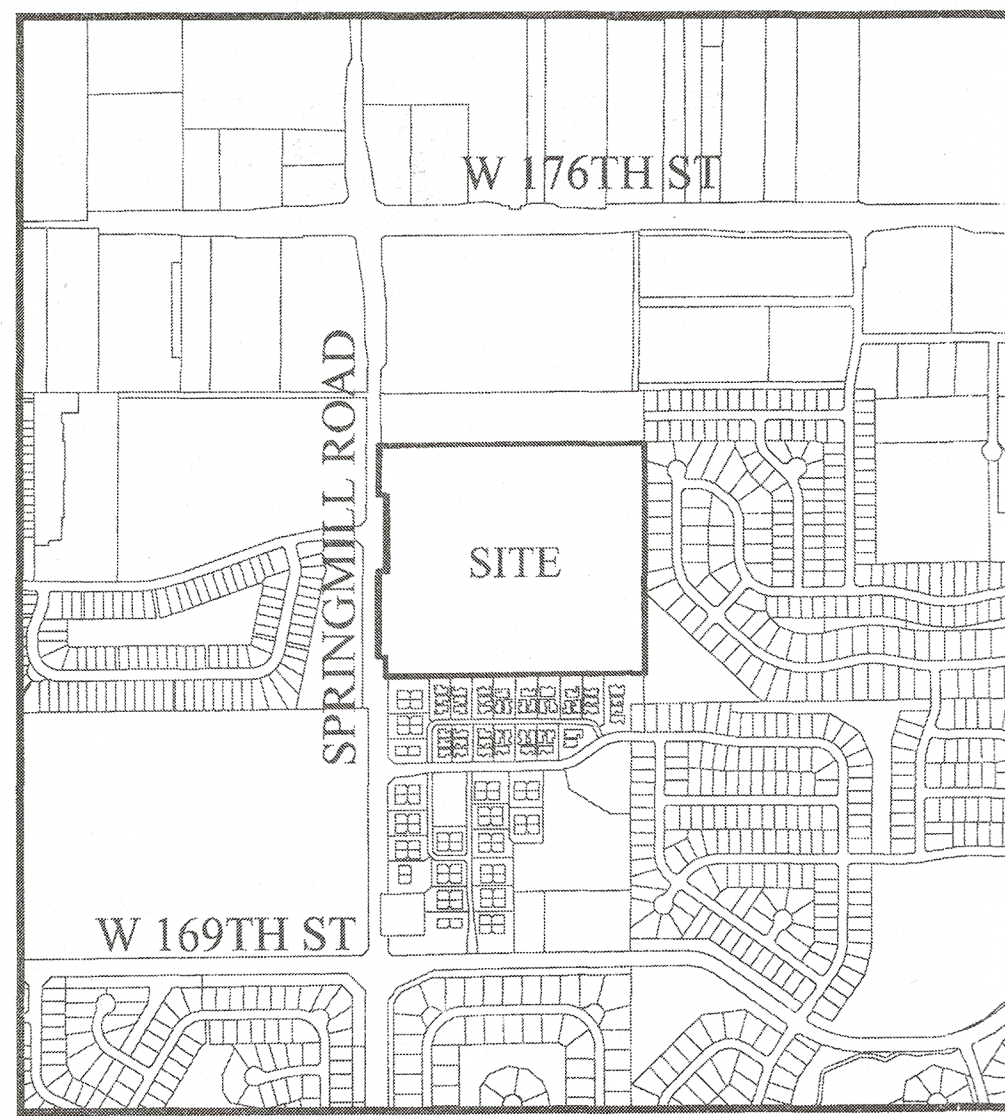
INDIANA REGISTRATION NUMBER

19358

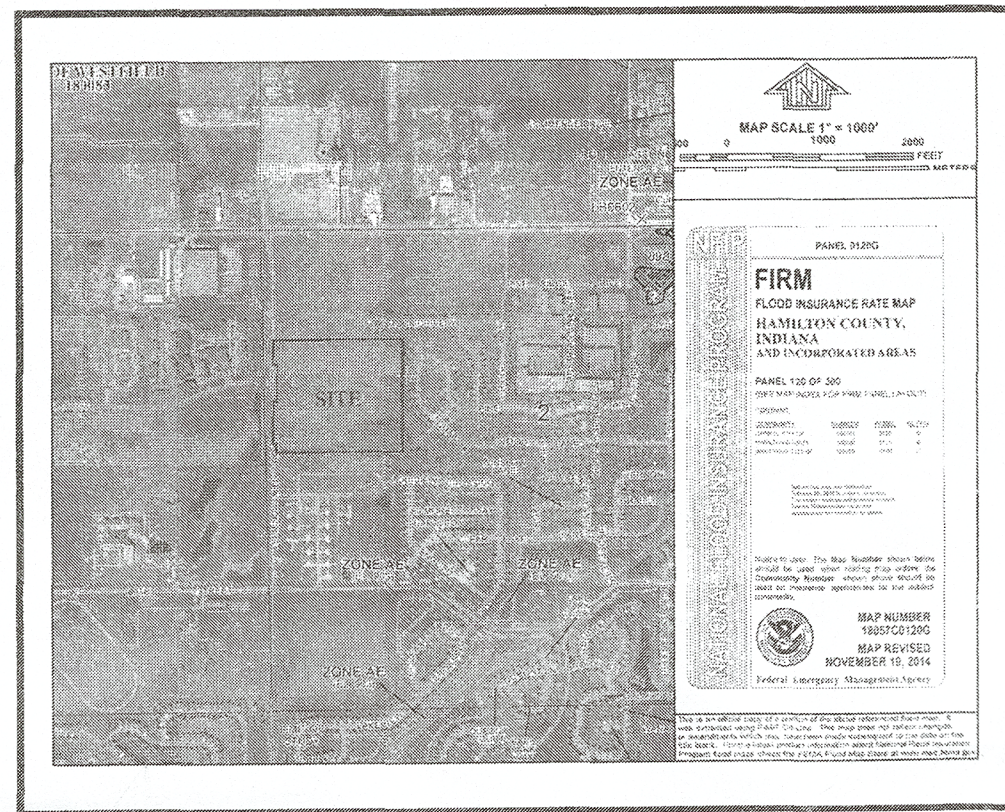


# SPRINGMILL VILLAS

Developed by:  
**SPRINGMILL VILLAS DEVELOPER, LLC**  
 9757 Westpoint Drive Suite 600  
 Indianapolis, Indiana 46256  
 Phone: (317) 863-2057  
 Contact Person: Tim Walsh  
 Email: twalsh@platinum-properties.com



LOCATION MAP  
SCALE: 1"=1000'



FLOOD MAP  
N.T.S.

- NOTES:
- THIS SITE DOES NOT LIE WITHIN A FLOODPLAIN PER FIRM MAP NO. 18059C0207E DATED MARCH 17TH, 2014.

**DESIGN DATA**

88 LOTS	
38.015 AC±	= 2.31 LOTS/ACRE
TOTAL C.A.	21.53 AC±
LAKE AREA	3.06 AC±
USABLE OPEN SPACE	18.47 AC± (85.77%)

WENDOVER AVENUE	878.89 L.F.
LILLIAN STREET	996.49 L.F.
MOOSE LANE	359.00 L.F.
GRALEY PLACE	764.73 L.F.
MOOSE COURT	350.07 L.F.
<b>TOTAL</b>	<b>2,234.38 L.F.</b>
DESIGN SPEED LIMIT:	25 M.P.H.

INDEX	
SHT.	DESCRIPTION
C001	COVER SHEET
C100-C101	TOPOGRAPHICAL SURVEY
C200-C204	SITE DEVELOPMENT PLAN SITE PLAN
C300-C309	INITIAL STORM WATER POLLUTION & PREVENTION PLAN TEMPORARY STORM WATER POLLUTION & PREVENTION PLAN PERMANENT SEDIMENT & EROSION CONTROL PLAN STORM WATER POLLUTION & PREVENTION SPECIFICATIONS STORM WATER POLLUTION & PREVENTION DETAILS
C400-C408	STREET PLAN & PROFILES ENTRANCE & INTERSECTION PLAN SIGNAGE PLAN MAINTENANCE OF TRAFFIC PLAN PAVEMENT MARKINGS PLAN TRAFFIC CONTROL PLAN
C500-C503	SANITARY SEWER PLAN & PROFILE
C600-C605	STORM SEWER PLAN & PROFILES SUB-SURFACE DRAIN PLAN
C700-C703	WATER PLANS WATER DETAILS
C800-C808	CONSTRUCTION DETAILS

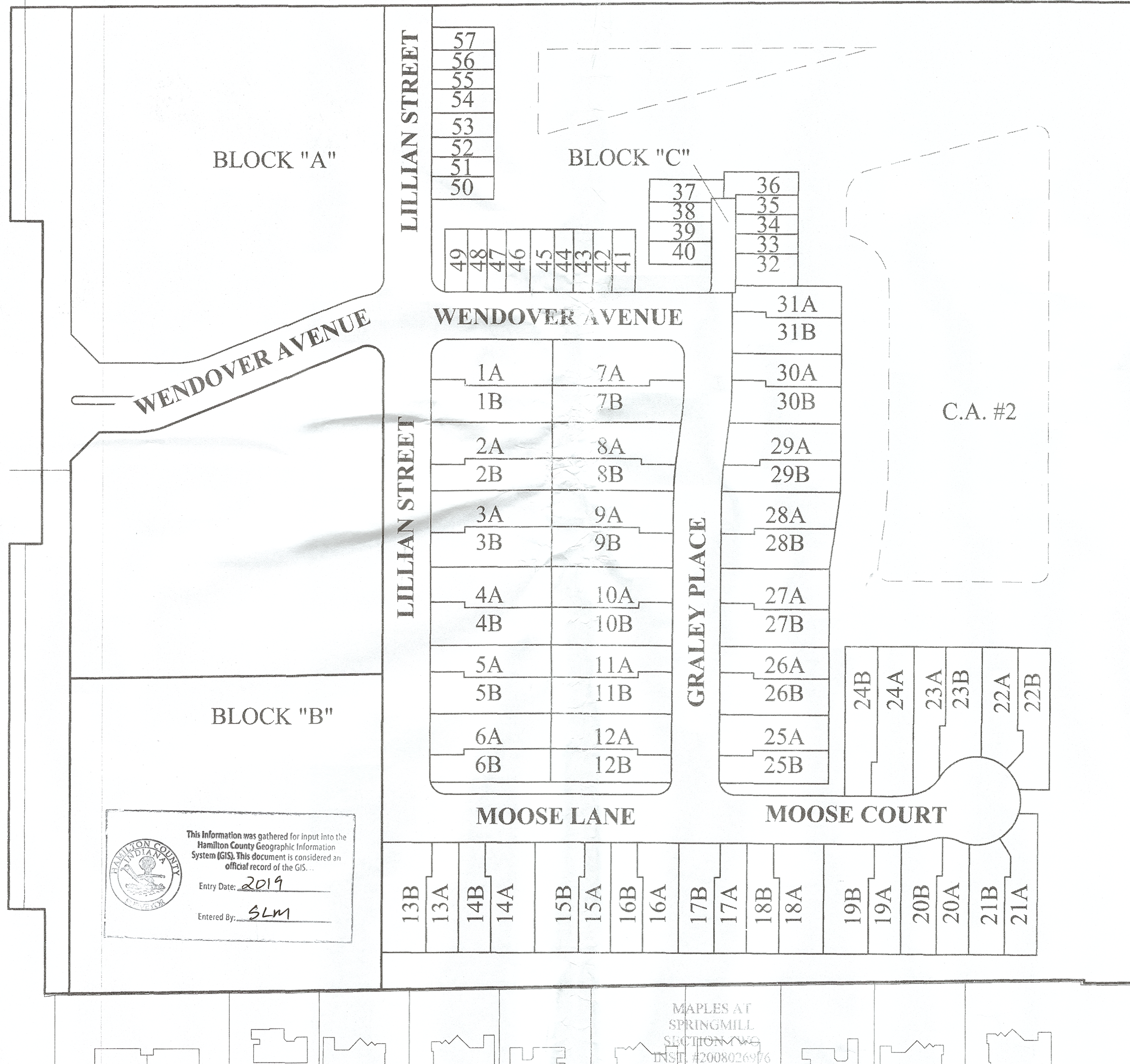
REVISIONS	
SHT.	DESCRIPTION
ALL	REVISED PER TAC COMMENTS 7-2-18 ADG
ALL	REVISED STORM, SWALES & A SAN STR. - 08/22/18 JSM
ALL	REVISIONS TO OFFSITE STORM/SAN ROUTES 11/2/18

MARQUETTE MAPLE  
KNOLL  
Family Apartments  
Inst. No.: XXXX-XXXX

SONOMA  
SECTION NINE  
INST. #2016025075  
P.C. 5, SLIDE 501

A subdivision of part of the Northwest Quarter of Section 2, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana, more particularly described as follows:

Commencing at the Northwest corner of the Northwest Quarter of said Section 2; thence South 00 degrees 14 minutes 55 seconds West (assumed bearing) 1,147.09 feet along the West line of said Northwest Quarter to the POINT OF BEGINNING of this description; thence North 89 degrees 42 minutes 23 seconds East 1390.20 feet to the West line of Quail Ridge, Section Five, recorded as Instrument Number 2000-18939 in Plat Cabinet 2, Slide 422 in the Office of the Recorder of Hamilton County, Indiana, thence South 00 degrees 02 minutes 09 seconds West 1,201.33 feet along said West line and the West line of Quail Ridge, Section Four, recorded as Instrument Number 9921162 in Plat Cabinet 2, Slide 246 in said Recorder's Office to a point on a line which is parallel with and 156.73 feet (9 1/2 rods) North of the South line of said Quarter Section; thence South 89 degrees 12 minutes 55 seconds West parallel with said South line 65.43 feet to the East line of the West Half of said Northwest Quarter; thence North 00 degrees 14 minutes 45 seconds East 3.62 feet along said East line; thence South 89 degrees 12 minutes 55 seconds West parallel with the South line of said Northwest Quarter 1,284.55 feet to the East line of an exception deed recorded as Instrument Number 95-42329 in said Recorder's Office; thence along the bounds of said Exception by the next two (2) courses: 1) North 00 degrees 14 minutes 55 seconds East 103.79 feet; 2) North 89 degrees 45 minutes 05 seconds West 45.00 feet to the West line of said Northwest Quarter; thence North 00 degrees 14 minutes 55 seconds East 448.67 feet along said West line to the South line of a Right of Way dedication recorded as Instrument Number 2007-051206 in said Recorder's Office; thence along the bounds of said Right of Way by the next three (3) courses: 1) South 89 degrees 27 minutes 43 seconds East 46.00 feet; 2) North 00 degrees 14 minutes 55 seconds East 395.12 feet; 3) North 89 degrees 27 minutes 43 seconds West 40.00 feet to said West line; thence North 00 degrees 14 minutes 55 seconds East 261.30 feet along said West line to the place of beginning, containing 38.015 acres, more or less.



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: 2/21/19  
 Entered By: SLM

**UTILITY CONTACTS**

Vectren Energy  
P.O. Box 1700  
Noblesville, Indiana 46061  
Contact: Resa Glover / Chad Miller  
Ph: (317) 776-5550

Duke Energy  
16475 Southpark Drive  
Westfield, Indiana 46074  
Contact: Trent Godsey  
Ph: (317) 896-6711

Westfield Public Works Department  
2706 East 171st Street  
Westfield, Indiana 46074  
Contact: Jeremy Lollar  
Ph: (317) 804-3100

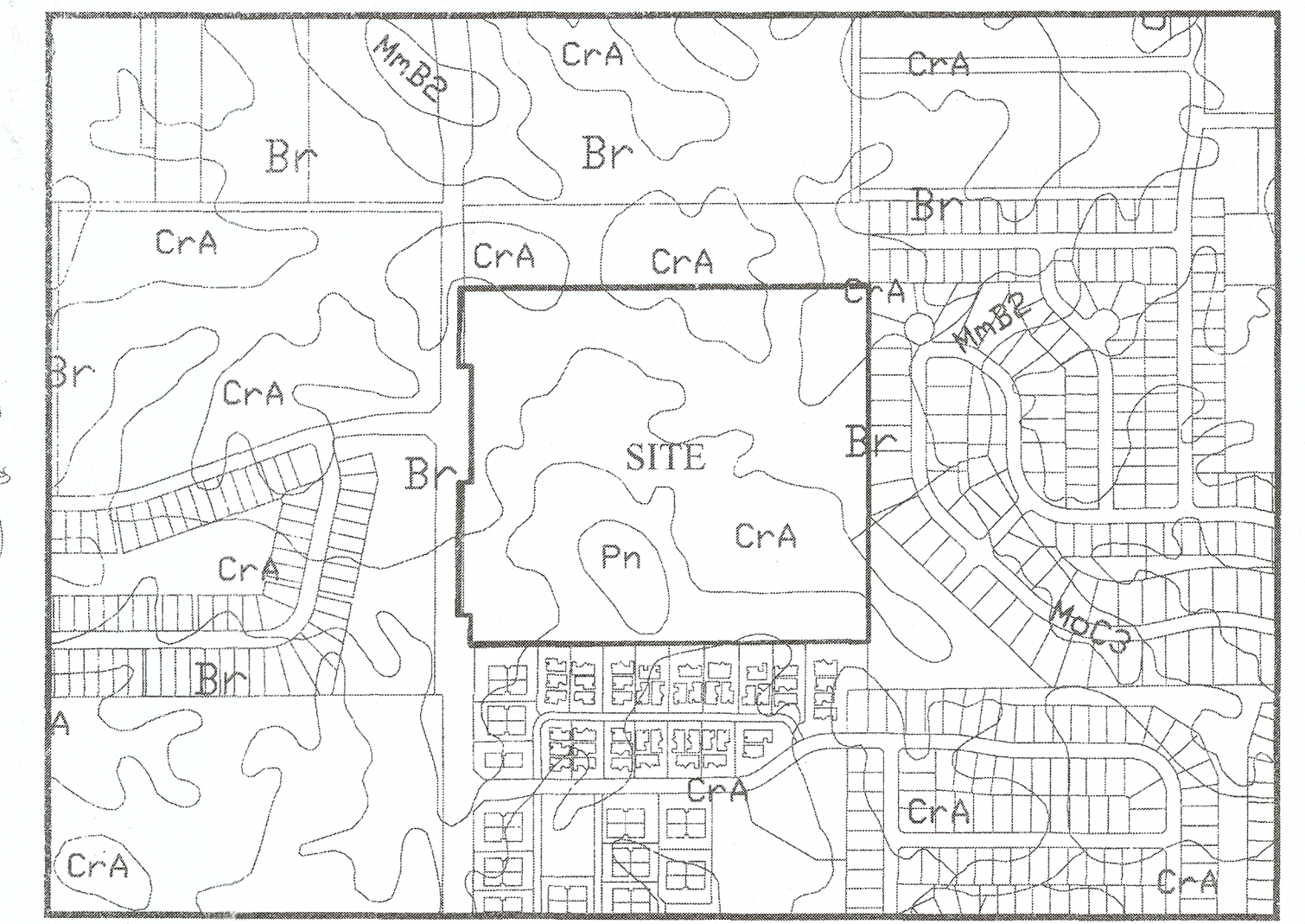
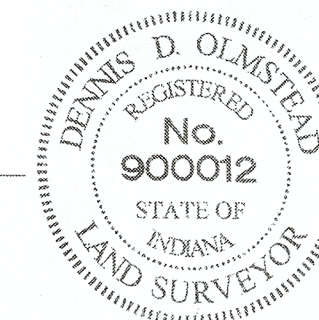
Citizens Water and Wastewater of Westfield, LLC  
2150 Dr. Martin Luther King Jr. Street  
Indianapolis, Indiana 46202  
Contact: Brad Hosteler  
Ph: (317) 927-4351

Comcast Cable  
5330 East 65th Street  
Indianapolis, Indiana 46220  
Contact: Matt Stringer  
Ph: (317) 774-3384

MetroNet  
3701 Communications Way  
Evansville, Indiana 47715  
Contact: Chris Bluto  
Ph: (317) 465-1046

**SANITARY ONLY  
RECORD DRAWING**

Denise D. Olmsstead  
Registered Land Surveyor  
No. 900012  
7/16/2019



SOILS MAP  
N.T.S.

Map Unit: Br - Brookston silty clay loam

Br--Brookston silty clay loam  
This poorly drained soil has a seasonal high watertable above the surface or within 1.0 ft. and is in depressions. Slopes are 0 to 2 percent. The native vegetation is water tolerant grasses and hardwoods. The surface layer is silty clay loam and has moderate or high organic matter content (2.0 to 5.0 percent). Permeability is moderately slow (0.2 to 0.6 in/hr) in the most restrictive layer above 60 inches. Available water capacity is high (10.0 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 6.1 to 7.3. This soil is hydric. Wetness is a management concern for crop production. This soil responds well to tile drainage.

Map Unit: CrA - Crosby silt loam, 0 to 2 percent slopes

CrA--Crosby silt loam, 0 to 2 percent slopes  
This is a somewhat poorly drained soil and has a seasonal high watertable at 0.5 to 2.0 ft. and is on rises on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low or moderate organic matter content (1.0 to 3.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is moderate (6.2 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and wetness are management concerns for crop production. This soil responds well to tile drainage.

Map Unit: Pn - Patton silty clay loam

Pn--Patton silty clay loam  
This nearly level, deep, poorly drained soil is in broad depressions and drainageways on lake plains and terraces. Runoff from adjacent soils is ponded on this soil. The mapped areas are mostly oval in shape but some areas in drainageways are elongated. The areas range from 3 to 200 acres in size. In a typical profile the surface layer is very dark gray and black silty clay loam about 12 inches thick. The subsoil is dark gray, olive gray and light olive gray, mottled, firm silty clay loam about 26 inches thick. The substratum, to a depth of 60 inches, is calcareous and is olive gray and gray silt loam and light silty clay loam. In some areas, the surface layer is less than 12 inches thick or the substratum is stratified loamy material. In some areas calcareous loam till is at a depth of less than 60 inches and part of the subsoil below a depth of 40 inches formed in glacial till. Many areas that are surrounded by eroded soils have an overwash of light colored soil material on the original surface layer.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS LATEST EDITION TO BE USED WITH THESE PLANS UNLESS ALTERNATE SPECIFICATIONS ARE SHOWN WITHIN.

WESTFIELD CONSTRUCTION STANDARD DETAILS AND SPECIFICATIONS LATEST EDITIONS TO BE USED WITH THESE PLANS.

THESE PLANS MEET THE MOST CURRENT ADA STANDARDS.

ALL CONTRACTORS SHALL REVIEW CITY OF WESTFIELD STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THIS PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLANS, MAY BE REQUIRED.  
<http://www.westfield.in.gov/egov/apps/document/center.egov?view=item;id=50>

THE PRESENCE OF A CITY OF WESTFIELD REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "CITY OF WESTFIELD CONSTRUCTIONS STANDARDS, LATEST EDITION". THIS REVIEW ONLY DESIGNATES THAT THE GENERAL CONFORMANCE WITH DESIGN AND SPECIFICATIONS HAVE BEEN MET. FIELD CHANGES MAY BECOME NECESSARY IN ORDER TO COMPLY WITH THE DETAILED CITY OF WESTFIELD SPECIFICATIONS.

PLANS PREPARED BY:  
**STOEPPELWERTH & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 7965 E. 106TH STREET, FISHERS, INDIANA 46038  
 PHONE: (317)-849-5935  
 FAX: (317)-849-5942  
 CONTACT PERSON: BRETT A. HUFF  
 EMAIL: bhuff@Stoepfelwerth.com

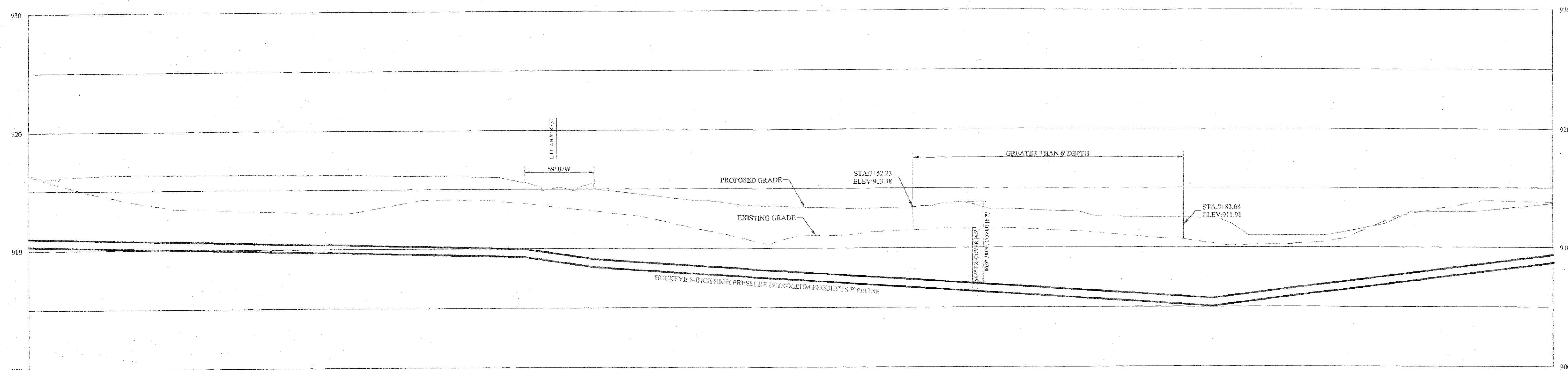
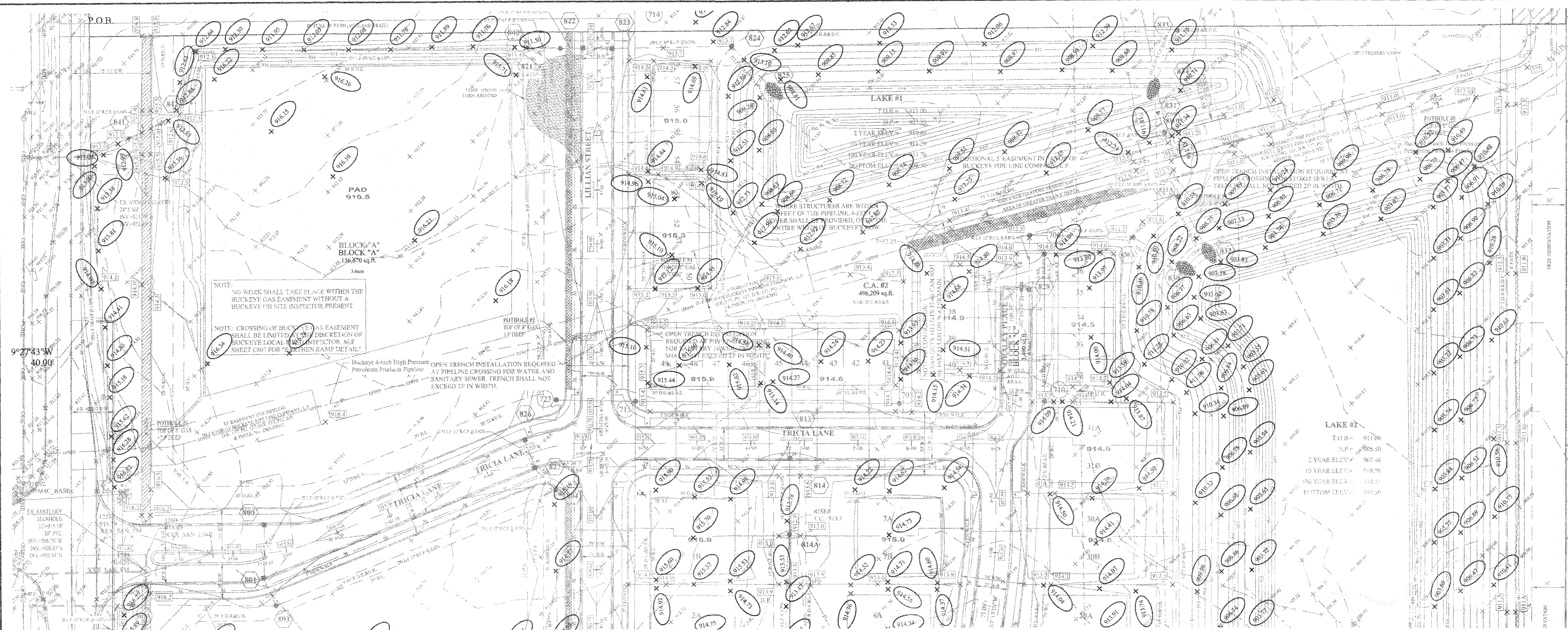
PLANS CERTIFIED BY:  
 David J. Stoepfelwerth  
 DAVID J. STOEPPELWERTH DATE 05/02/2018  
 PROFESSIONAL ENGINEER  
 NO. 19358











EX. HPPPP PROFILE

RECORD DRAWING

DATE	BY	MARK
07/21/18	DAVID J. STOEPPELWERTH	
07/21/18	DAVID J. STOEPPELWERTH	
07/21/18	DAVID J. STOEPPELWERTH	

DAVID J. STOEPPELWERTH  
REGISTERED  
No. 19358  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

THIS DRAWING IS NOT INTENDED TO BE ORIGINAL BOUNDARY SURVEY A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.  
CERTIFIED: 05/02/18  
David J. Stoepfelwerth

**STOEPPELWERTH**  
ALWAYS ON

7905 East 170th Street, Fishers, IN 46038-2505  
phone: 317.849.5925 fax: 317.845.5942



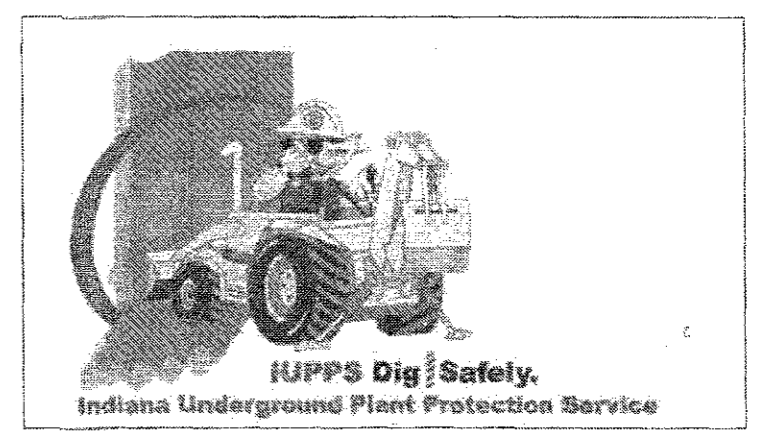
EX. HPPPP PLAN & PROFILE  
SPRINGMILL VILLAS  
HAMILTON COUNTY, INDIANA  
WESTFIELD

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

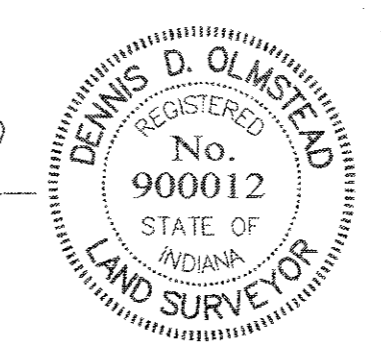
Entry Date: 2019  
Entered By: SLM



Know what's below.  
Call before you dig.

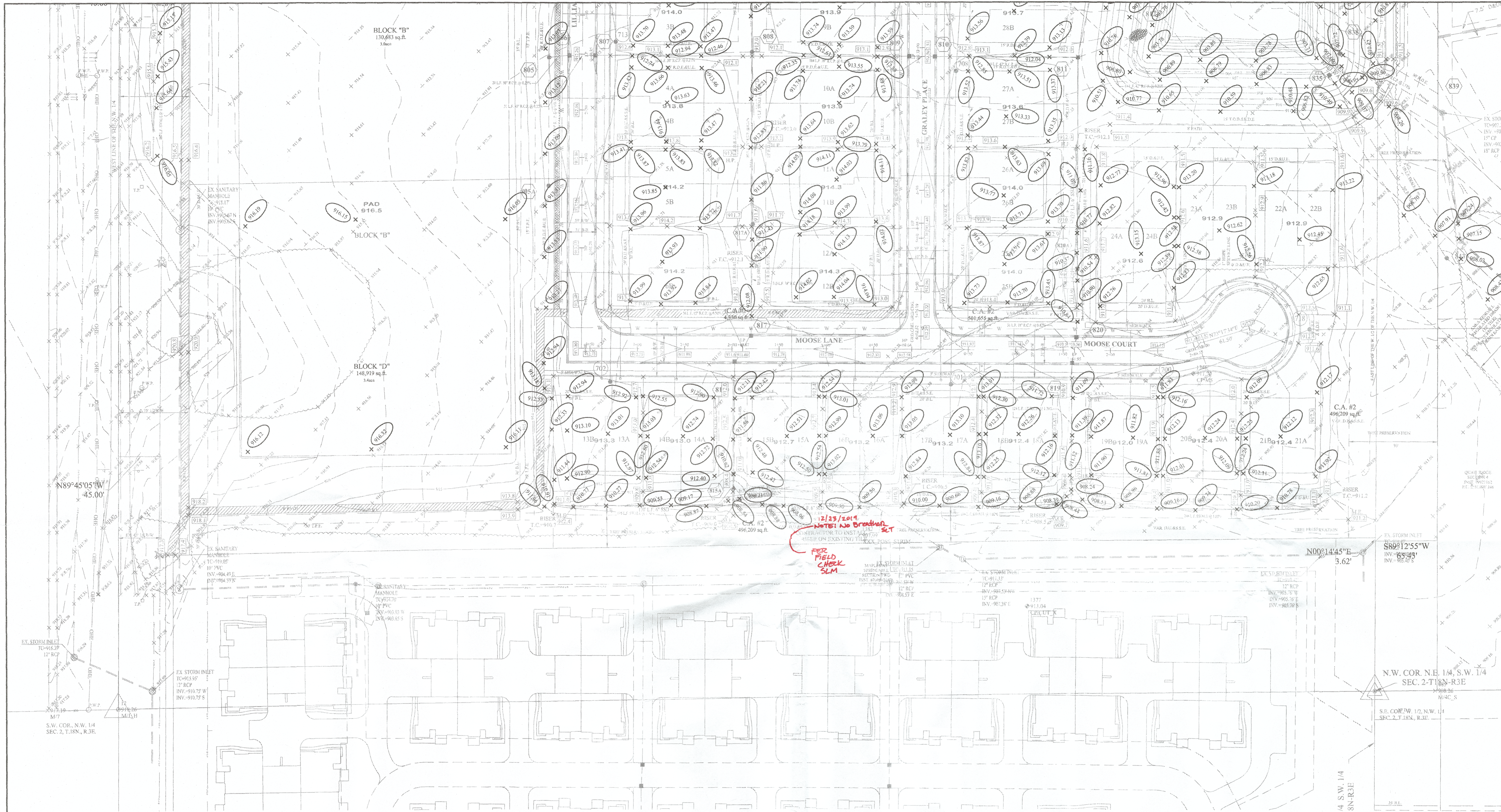


DJD  
Dennis D. Olmstead  
Registered Land Surveyor  
No. 900012  
11/1/2019





Site Name: S16060PLA-MF(D)C200 - Site Development Plan.dwg - C201  
 Modified / By: August 20, 2019 8:58:11 AM / Isaac Alexander  
 Plotted / By: August 23, 2019 3:56:57 PM / Leroy Alexander

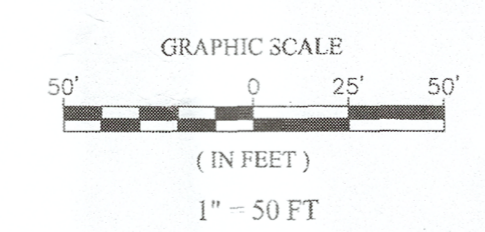


**BUCKEYE NOTES:**  
 NO WORK SHALL TAKE PLACE WITHIN THE BUCKEYE GAS EASEMENT WITHOUT A BUCKEYE ON SITE INSPECTOR PRESENT.  
 CROSSING OF BUCKEYE GAS EASEMENT SHALL BE LIMITED AT THE DISCRETION OF BUCKEYE LOCAL FIELD INSPECTOR. SEE SHEET C87 FOR "EARTHEN RAMP DETAIL".  
 NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.  
 CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FEET OF THE CROSSING LOCATION.

THIS WILL BE A SLAB ONLY SUBDIVISION AND THEREFORE SUB-SURFACE DRAIN LATERALS TO EACH LOT WILL NOT BE NECESSARY.

Pipe Table				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
802B - 802A	12"	106.27'	0.31%	R.C.P.
841 - 842	12"	33.72'	0.44%	R.C.P.
815A - 816	12"	131.72'	0.49%	R.C.P.
818A - 818	12"	124.09'	1.59%	R.C.P.
802A - 802	12"	133.21'	0.32%	R.C.P.
830A - 830	12"	52.66'	1.45%	R.C.P.
829 - 830A	12"	95.93'	0.97%	R.C.P.
828 - 829	12"	47.97'	0.98%	R.C.P.
827 - 804	12"	26.82'	0.33%	R.C.P.
826 - 827	12"	31.10'	0.42%	R.C.P.
813 - 814	12"	31.11'	0.65%	R.C.P.
801 - 802	12"	26.39'	0.42%	R.C.P.
800 - 801	12"	52.66'	0.32%	R.C.P.
EX	15"	20.00'	0.93%	R.C.P.
814A - 808	15"	220.64'	0.79%	R.C.P.
801A - STUB	15"	29.67'	1.06%	R.C.P.
816 - 817	15"	35.69'	0.50%	R.C.P.
814 - 814A	15"	67.93'	0.50%	R.C.P.
804 - 805	15"	267.76'	0.71%	R.C.P.
803 - 804	15"	281.32'	0.50%	R.C.P.

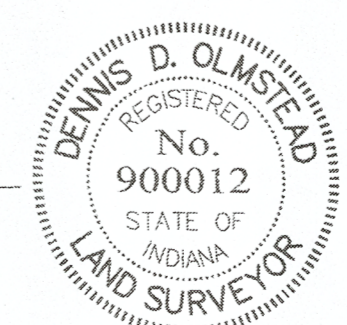
Pipe Table				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
TEMP - 821	18"	31.66'	3.76%	R.C.P.
838 - 839	18"	126.80'	1.73%	R.C.P.
820 - 820A	18"	69.99'	0.53%	R.C.P.
819 - 820	18"	31.43'	0.42%	R.C.P.
817 - 808	18"	115.27'	0.38%	R.C.P.
843 - 836	21"	231.65'	0.18%	R.C.P.
817A - 808	21"	180.95'	0.21%	R.C.P.
820A - 811	21"	221.26'	0.25%	R.C.P.
836 - 837	21"	464.30'	0.6%	R.C.P.
805A-805	24"	135.18'	0.36%	R.C.P.
839 - 834	24"	54.89'	0.29%	R.C.P.
835 - 843	27"	230.11'	0.80%	R.C.P.
821 - 822	27"	19.05'	0.37%	R.C.P.
831 - 832 (3)	30"	60.72'	0.21%	HDPE
831A - 832	30"	55.09'	1.27%	R.C.P.
831 - 832	30"	20.65'	0.39%	R.C.P.
824 - 825	30"	53.50'	0.84%	R.C.P.
823 - 824	30"	108.96'	0.71%	R.C.P.
822 - 823	30"	31.06'	0.29%	R.C.P.
807 - 808	30"	163.85'	0.21%	R.C.P.



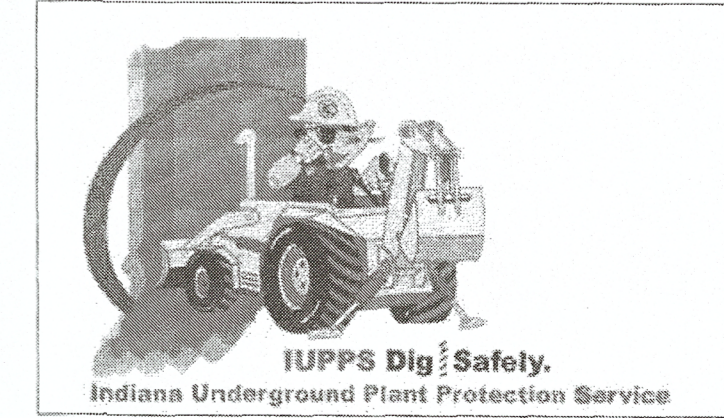
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 2019  
 Entered By: SLM

# RECORD DRAWING

Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/1/2019



REF. SHT. C202 FOR NOTES AND LEGEND



**STOEPPELWERTH**  
 ALWAYS ON  
 7065 East 10th Street, Fishers, IN 46038-2505  
 phone: 317.840.2985 fax: 317.849.9442

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY. A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

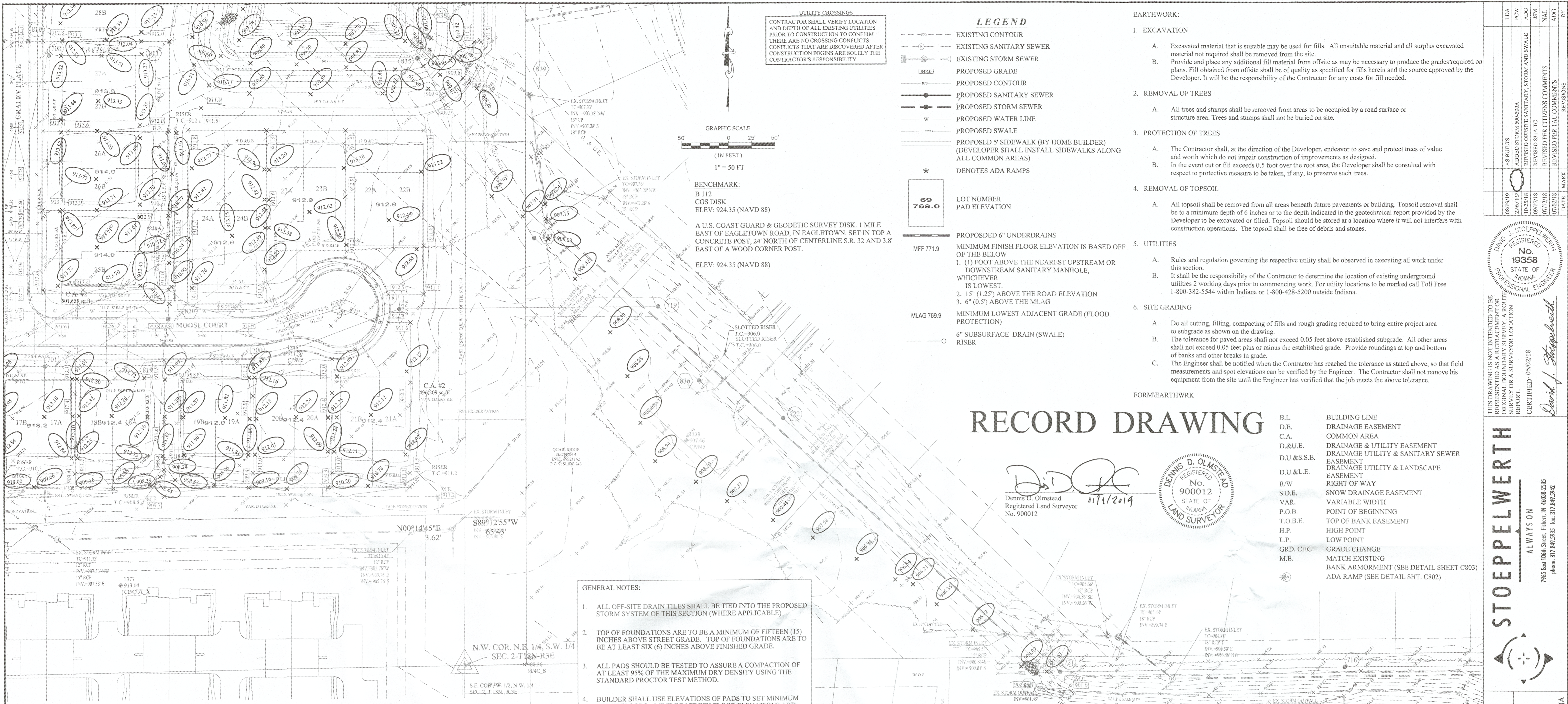
DAVID J. STOEPPELWERTH  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
 STATE OF INDIANA  
 CERTIFIED: 05/02/18

DATE: 11/2019  
 BY: JSM/ADG  
 REVISIONS:

**SITE DEVELOPMENT PLAN**  
**SPRINGMILL VILLAS**  
 HAMILTON COUNTY, INDIANA

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH  
 SHEET NO:  
**C201**  
 8 & A 819 NO.  
 50690PLA-MF





# RECORD DRAWING

Dennis D. Olmstead  
Registered Land Surveyor  
No. 900012  
11/1/2019



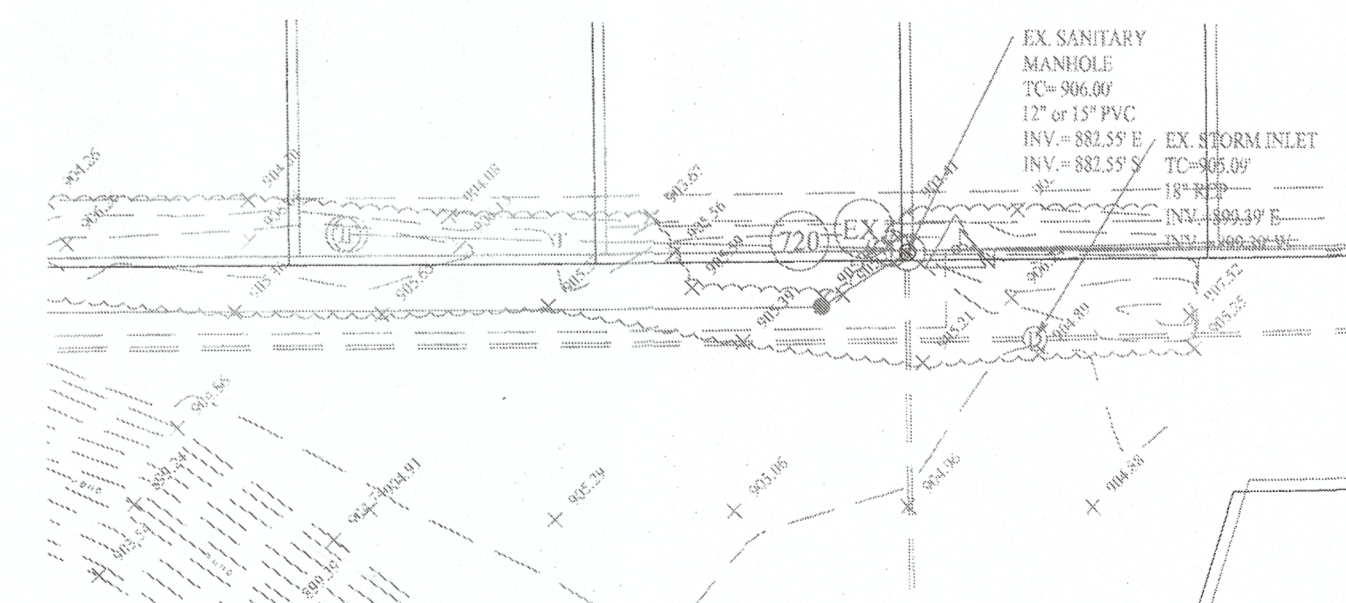
- B.L. BUILDING LINE
- D.E. DRAINAGE EASEMENT
- C.A. COMMON AREA
- D.U.E. DRAINAGE & UTILITY EASEMENT
- D.U.&S.E. DRAINAGE UTILITY & SANITARY SEWER EASEMENT
- D.U.&L.E. DRAINAGE UTILITY & LANDSCAPE EASEMENT
- R.W. RIGHT OF WAY
- S.D.E. SNOW DRAINAGE EASEMENT
- VAR. VARIABLE WIDTH
- P.O.B. POINT OF BEGINNING
- T.O.B.E. TOP OF BANK EASEMENT
- H.P. HIGH POINT
- L.P. LOW POINT
- GRD. CHG. GRADE CHANGE
- M.E. MATCH EXISTING BANK ARMORMENT (SEE DETAIL SHT. C802) ADA RAMP (SEE DETAIL SHT. C802)

- GENERAL NOTES:**
- ALL OFF-SITE DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE).
  - TOP OF FOUNDATIONS ARE TO BE A MINIMUM OF FIFTEEN (15) INCHES ABOVE STREET GRADE. TOP OF FOUNDATIONS ARE TO BE AT LEAST SIX (6) INCHES ABOVE FINISHED GRADE.
  - ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.
  - BUILDER SHALL USE ELEVATIONS OF PADS TO SET MINIMUM FINISH FLOORS. MINIMUM FINISH FLOOR ELEVATIONS ARE SHOWN TO INSURE A MINIMUM OF 1 FOOT ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM MANHOLE. SUBJECT TO FINAL AS-BUILTS ON THE SANITARY SEWER.

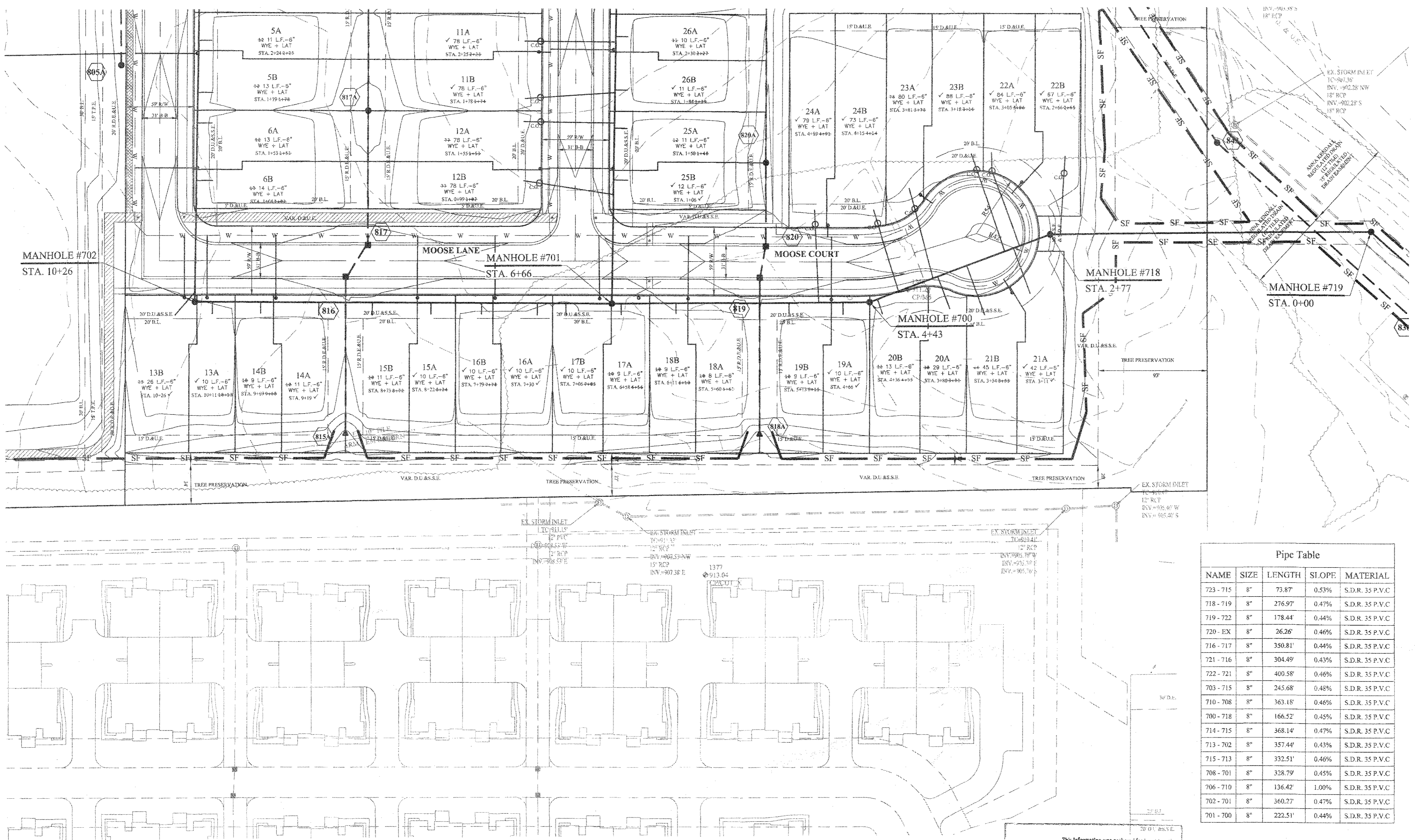
STR.#	CALLOUT	STR. TYPE	T.C.	CASTING TYPE	DIAMETER IN	DIR. IN	INV. IN	DIAMETER OUT	DIR. OUT	INV. OUT	SLOPE
800	CURB INLET	MH TYPE C	915.44	R-3501	12		911.45	12	S	911.62	0.32%
801	CURB INLET	MH TYPE C	915.69	R-3501	12	N	911.45	12	SE	911.35	0.42%
802A	MANHOLE	MH TYPE C	916.64	R-1772	15	W	914.13	12	E	911.38	0.32%
802B	YARD INLET	MH TYPE C	914.63	R-4342	12	N	911.82	12	N	911.82	0.31%
803	MANHOLE	MH TYPE C	915.45	R-1772	12	NW	910.95	15	E	910.85	0.50%
804	MANHOLE	MH TYPE C	915.23	R-1772	15	W	909.45	15	S	909.35	0.71%
805	MANHOLE	MH TYPE C	915.20	R-1772	15	N	907.45	30	E	907.45	0.23%
805A	YARD INLET	Standard	913.49	R-4342	24	N	907.94	24	N	907.94	0.36%
806	CURB INLET	MH TYPE C	912.26	R-3501	30	W	907.30	30	E	907.30	0.32%
807	CURB INLET	MH TYPE C	912.22	R-3501	30	W	907.20	30	E	907.20	0.27%
808	YARD INLET	MH TYPE H	911.96	R-4342	30	W	906.85	36	E	906.85	0.18%
809	CURB INLET	MH TYPE C	912.50	R-3501	36	W	906.55	36	E	906.45	0.55%
810	CURB INLET	MH TYPE C	912.50	R-3501	36	W	906.28	42	E	906.18	0.37%
811	YARD INLET	MH TYPE K	910.50	R-4342	42	W	905.63	42	E	905.63	0.28%
812	END SECTION		909.41		42	W	905.45				
813	CURB INLET	INLET TYPE A	913.19	R-3501	12		909.33	12	S	909.33	0.65%
814	CURB INLET	MH TYPE C	913.25	R-3501	12	N	909.13	15	S	909.03	0.50%
814A	YARD INLET	MH TYPE C	912.81	R-4342	15	N	908.69	15	S	908.59	0.79%
815A	END SECTION		909.75		12	N	908.50				0.49%
816	CURB INLET	MH TYPE C	911.65	R-3501	12	S	907.85	15	NE	907.85	0.50%
817	CURB INLET	MH TYPE C	911.55	R-3501	15	SW	907.67	18	N	907.67	0.38%
817A	YARD INLET	MH TYPE C	911.28	R-4342	18	S	907.23	21	N	907.23	0.21%
818A	END SECTION		909.65		12	N	908.40				1.39%
819	CURB INLET	MH TYPE C	910.63	R-3501	12	S	906.68	18	N	906.68	0.42%
820	CURB INLET	MH TYPE C	910.47	R-3501	18	S	906.55	18	N	906.55	0.53%
820A	YARD INLET	MH TYPE C	910.45	R-4342	18	S	906.18	21	N	906.18	0.25%

STR.#	CALLOUT	STR. TYPE	T.C.	CASTING TYPE	DIAMETER IN	DIR. IN	INV. IN	DIAMETER OUT	DIR. OUT	INV. OUT	SLOPE
821	YARD INLET	MH TYPE C	913.88	R-4342	18	W	909.92	27	E	908.82	0.37%
822	CURB INLET	MH TYPE C	913.59	R-3501	27	W	908.75	30	E	908.75	0.29%
823	CURB INLET	MH TYPE C	913.58	R-3501	30	W	908.66	30	E	908.66	0.71%
824	YARD INLET	MH TYPE C	912.89	R-4342	30	W	907.89	30	SE	907.89	0.84%
825	END SECTION		910.32		30	NW	907.44				
826	CURB INLET	INLET TYPE A	915.55	R-3501	12		911.62	12	S	911.62	0.42%
827	CURB INLET	INLET TYPE A	915.41	R-3501	12	N	911.49	12	SE	911.39	0.33%
828	CURB INLET	MH TYPE C	912.81	R-3501	12		907.70	12	N	907.70	0.98%
829	YARD INLET	MH TYPE C	912.15	R-4342	12	S	907.25	12	E	907.13	0.97%
830	END SECTION		906.58		12	NW	905.33				
830A	MANHOLE	MH TYPE C	911.43	R-1772	12	W	906.20	12	SE	906.10	1.45%
831	END SECTION	CUSTOM	910.48	CUSTOM			907.61			907.61	0.39%
831A	MANHOLE	MH TYPE C	912.35	R-1772	30	N	907.40	30	SE	906.41	1.27%
831B	MANHOLE	MH TYPE C	912.00	R-1772	30	N	907.53	30	S	907.53	0.21%
832	END SECTION		908.58		30	NW	905.71				
833	YARD INLET	MH TYPE C		R-4342	24		907.57	24	SW	907.57	0.29%
834	END SECTION		909.74		24	NE	907.41				
835	OUTLET CTRL. STR.	CUSTOM	909.13	CUSTOM	27		905.56	27	SE	905.56	0.80%
836	YARD INLET	MH TYPE C		R-4342	21	NW	903.20	21	SE	903.20	0.18%
837	END SECTION		904.42		21	NW	902.36				
838	OUTLET CTRL. STR.	CUSTOM	908.38	CUSTOM			905.56		SE	905.56	1.73%
839	YARD INLET	EXISTING	907.33	R-4342	18	NW	903.38				
840	END SECTION		912.91				911.12		E	911.12	3.76%
841	END SECTION		914.10				912.85		NE	912.85	0.44%
842	END SECTION		913.95		12	SW	912.70				
843	MANHOLE	MH TYPE C	908.98	R-1772	27	NW	903.71	21	SE	903.61	0.18%

- GENERAL NOTES:**
- ALL SSD (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HOPE) PIPE.
  - ALL EXISTING OFF-SITE DRAIN TILES THAT ARE ENCOUNTERED SHALL BE TIED INTO THE PROPOSED STORM SEWER SYSTEM WITH A POSITIVE OUTFLOW. ANY TILE THAT IS ENCOUNTERED THAT IS COMPLETELY ON-SITE MUST BE CRUSHED AND ABANDONED.
  - ALL PADS SHALL BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.
  - CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE ARE NO CROSSING CONFLICTS. CONFLICTS THAT ARE DISCOVERED AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
  - ALL SSD UNDER CURB SHALL BE CLEANED AND TELIVISED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED AND SUBMITTED TO CITY OF WESTFIELD INSPECTOR.
  - EXISTING AND NEW POWER POLES SHALL BE MOVED OUTSIDE OF THE PROPOSED RIGHT-OF-WAY.
  - UTILITY CROSSINGS UNDER PAVEMENT (BORE/JACK & BORE). AVOID OPEN CUTS.
- NOTE - REF OUTLET CTRL. STR. DETAILS FOR T.C. ELEV.







**LEGEND**

- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- TYPE II CLEANOUT
- PROPOSED WATER LINE
- Denotes Full Depth Granular Backfill

**NOTES:**

IF THE CLEANOUTS ARE LOCATED WITHIN PAVEMENT, A YARD BOX MAY BE PROVIDED OR THE CLEANOUT EXTENDED FLUSH WITH THE PAVEMENT AND A METALLIC COVER CAPABLE OF WITHSTANDING TRAFFIC LOADS.

THERE ARE NO DRINKING WATER WELLS WITHIN 100 FEET OF THE PROPOSED SEWERS.

THE CONTRACTOR SHALL TELEVISION THE SANITARY SEWER PRIOR TO ACCEPTANCE AND AGAIN WITHIN SIX MONTHS OF THE EXPIRATION OF THE MAINTENANCE BOND. THE TAPES (OR CD) AND LOG SHALL BE FORWARDED TO MCCORDSVILLE DESIGNATED AGENT FOR REVIEW.

THE SANITARY SEWER AND LATERALS SHALL HAVE A MINIMUM COVER OF FOUR FEET, INCLUDING AT THE TIME OF INSTALLATION.

FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED ON ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER INDOT STANDARDS.

MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

CONTRACTOR SHALL INSTALL LATERAL NO CLOSER THAN 5' FROM BUILDING LINE AND NO GREATER THAN 6' DEEP AT LATERAL END.

**Pipe Table**

NAME	SIZE	LENGTH	SLOPE	MATERIAL
723-715	8"	73.87'	0.53%	S.D.R. 35 P.V.C.
718-719	8"	276.97'	0.47%	S.D.R. 35 P.V.C.
719-722	8"	178.44'	0.44%	S.D.R. 35 P.V.C.
720-EX	8"	26.26'	0.46%	S.D.R. 35 P.V.C.
716-717	8"	350.81'	0.44%	S.D.R. 35 P.V.C.
721-716	8"	304.49'	0.43%	S.D.R. 35 P.V.C.
722-721	8"	409.58'	0.46%	S.D.R. 35 P.V.C.
703-715	8"	245.68'	0.48%	S.D.R. 35 P.V.C.
710-708	8"	363.18'	0.46%	S.D.R. 35 P.V.C.
700-718	8"	166.52'	0.45%	S.D.R. 35 P.V.C.
714-715	8"	368.14'	0.47%	S.D.R. 35 P.V.C.
713-702	8"	357.44'	0.43%	S.D.R. 35 P.V.C.
715-713	8"	332.51'	0.46%	S.D.R. 35 P.V.C.
708-701	8"	328.79'	0.45%	S.D.R. 35 P.V.C.
706-710	8"	136.42'	1.00%	S.D.R. 35 P.V.C.
702-701	8"	360.27'	0.47%	S.D.R. 35 P.V.C.
701-700	8"	222.51'	0.44%	S.D.R. 35 P.V.C.

**BUCKEYE NOTES:**

ALL SANITARY SEWER JOINS WITH 50 FEET OF THE HPPPP SHALL BE INSTALLED WITH NITRILE GASKETS (OR EQUIV).

NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.

CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25 FEET OF THE CROSSING LOCATION.

# RECORD DRAWING

*D.D.O.*  
 Demis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 7/16/2019



**SANITARY SEWER STRUCTURE & PIPE TABLE**

STR.#	TYPE	T.C.	CASTING TYPE	DIA. IN.	DIR. IN.	INV. IN.	DIA. OUT.	DIR. OUT.	INV. OUT.	SLOPE	PIPE	LENGTH	MATERIAL
700	4"MEI	912.10	R-1772	8"	W	898.05	8"	E	897.95	0.45%	700-EX	26'	S.D.R. 35 P.V.C.
701	4"MEI	913.30	R-1772	8"	N	899.12	8"	E	899.02	0.44%	701-700	223'	S.D.R. 35 P.V.C.
702	4"MEI	913.60	R-1772	8"	N	901.01	8"	E	900.91	0.47%	702-701	357'	S.D.R. 35 P.V.C.
703	4"MEI	913.60	R-1772	8"	W	907.23	8"	W	907.23	0.88%	703-715	248'	S.D.R. 35 P.V.C.
706	4"MEI	914.60	R-1772	8"	S	905.64	8"	S	905.64	1.00%	706-710	136'	S.D.R. 35 P.V.C.
708	4"MEI	913.50	R-1772	8"	N	902.39	8"	S	902.39	0.45%	708-710	367'	S.D.R. 35 P.V.C.
710	4"MEI	914.80	R-1772	8"	N	904.22	8"	S	904.17	0.46%	710-708	367'	S.D.R. 35 P.V.C.
713	4"MEI	913.50	R-1772	8"	N	902.65	8"	S	902.55	0.41%	713-715	333'	S.D.R. 35 P.V.C.
714	4"MEI	913.10	R-1772	8"	S	905.02	8"	S	905.02	0.67%	714-715	362'	S.D.R. 35 P.V.C.
715	4"MEI	916.60	R-1772	8"	E	906.28	8"	S	904.18	0.46%	715-713	333'	S.D.R. 35 P.V.C.
716	4"MEI	905.80	R-1772	8"	W	891.55	8"	E	891.45	0.44%	716-717	351'	S.D.R. 35 P.V.C.
718	4"MEI	911.00	Standard	8"	W	897.20	8"	E	897.10	0.47%	718-719	277'	S.D.R. 35 P.V.C.
719	4"MEI	907.60	R-1772	8"	W	895.80	8"	E	895.70	0.44%	719-722	178'	S.D.R. 35 P.V.C.
720	4"MEI	905.10	R-1772	8"	W	889.09	8"	N	889.80	0.46%	720-EX	26'	S.D.R. 35 P.V.C.
721	4"MEI	904.50	R-1772	8"	NW	894.95	8"	E	893.85	0.43%	721-719	461'	S.D.R. 35 P.V.C.
722	4"MEI	906.90	R-1772	8"	NW	894.90	8"	S	894.30	0.46%	722-719	178'	S.D.R. 35 P.V.C.
723	4"MEI	915.50	R-1772	8"	E	906.57	8"	E	906.57	0.53%	723-715	34'	S.D.R. 35 P.V.C.

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 Modified / By: July 16, 2019 11:58:14 AM / rmooris  
 Plotted / By: July 16, 2019 4:13:21 PM / Leroy Alexander

AS MUTUALS

REVISED PER CITIZENS COMMENTS

REVISED PER TAC COMMENTS

DATE

MARK

DAVID J. STOEPPELWERTH  
 REGISTERED LAND SURVEYOR  
 No. 19358  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY. A REPORT OR A SURVEY FOR LOCATION REPORT.

CERTIFIED: 05/02/18  
*David J. Stoepfelwerth*

**STOEPPELWERTH**  
 ALWAYS ON  
 7905 East 106th Street, Fishers, IN 46038-2505  
 phone: 317.849.2955 fax: 317.849.5942

**SANITARY SEWER PLAN & PROFILE**  
 SPRINGMILL VILLAS

HAMILTON COUNTY, INDIANA

WESTFIELD

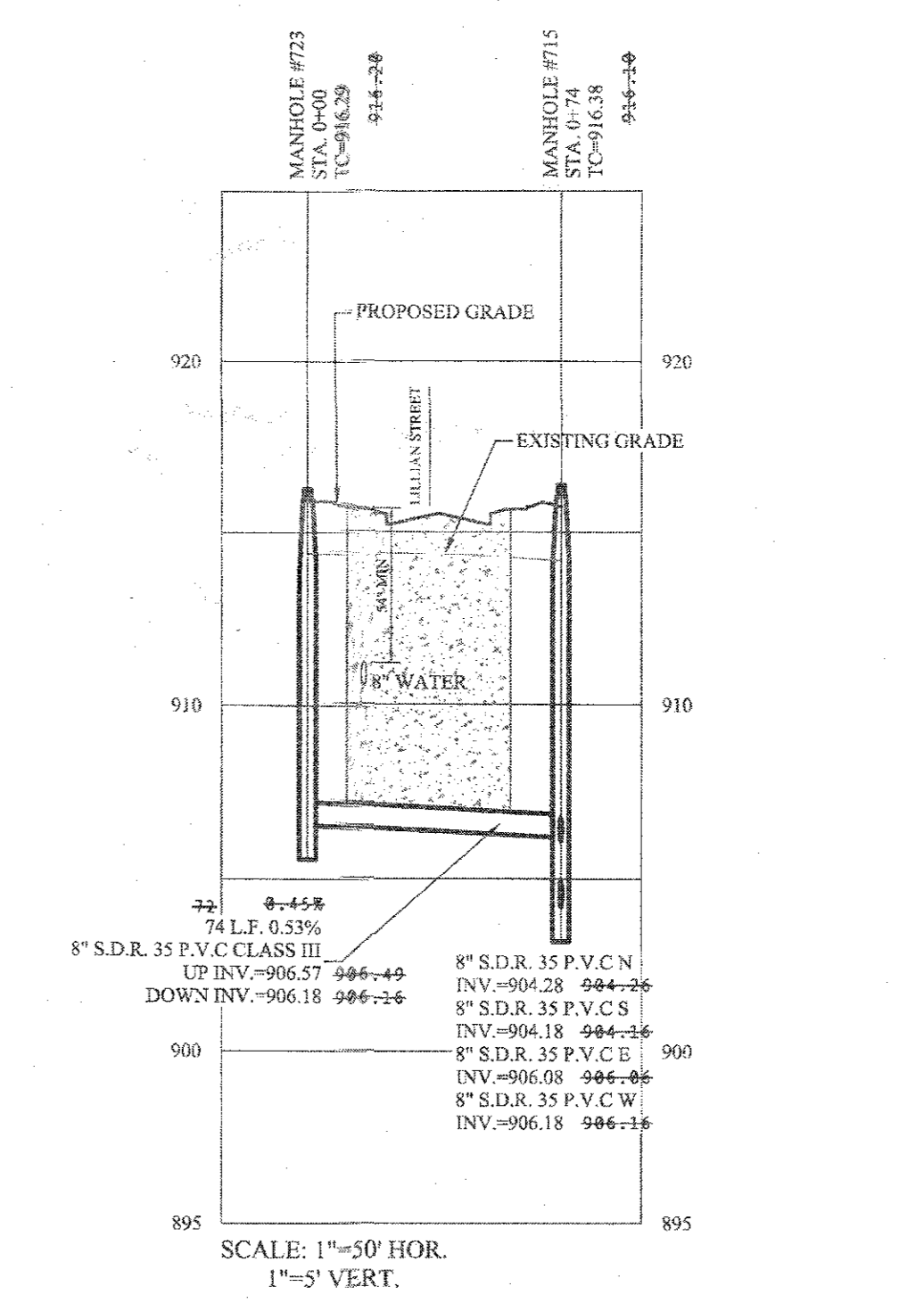
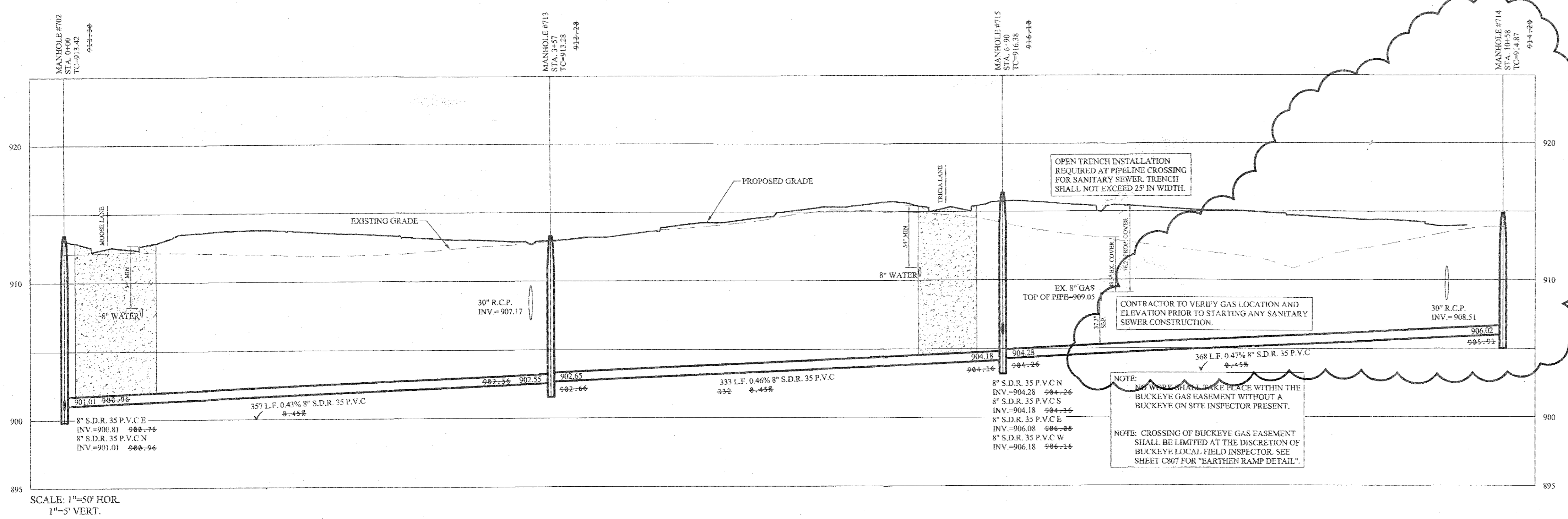
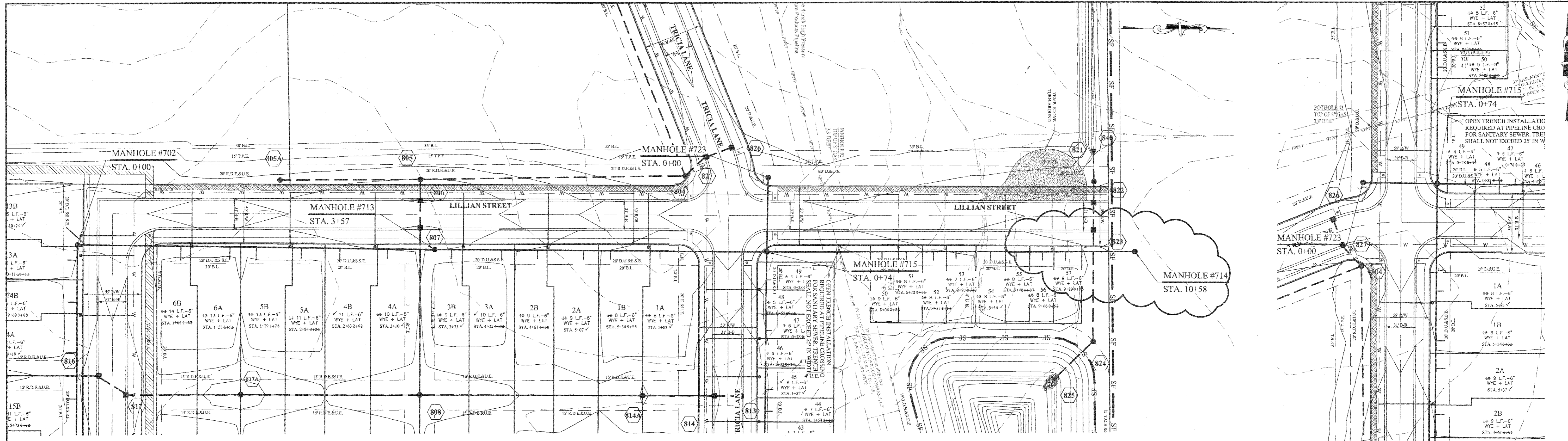
DRAWN BY: JSM/ADG

CHECKED BY: BAH

SHEET NO. **C500**

S.A. & R.B. NO. 50690PLA-MF





**NOTES:**

THERE ARE NO DRINKING WATER WELLS WITHIN 100 FEET OF THE PROPOSED SEWERS.

THE CONTRACTOR SHALL TELEVISION THE SANITARY SEWER PRIOR TO ACCEPTANCE AND AGAIN WITHIN SIX MONTHS OF THE EXPIRATION OF THE MAINTENANCE BOND. THE TAPES (OR CD) AND LOG SHALL BE FORWARDED TO MCCORDSVILLE DESIGNATED AGENT FOR REVIEW.

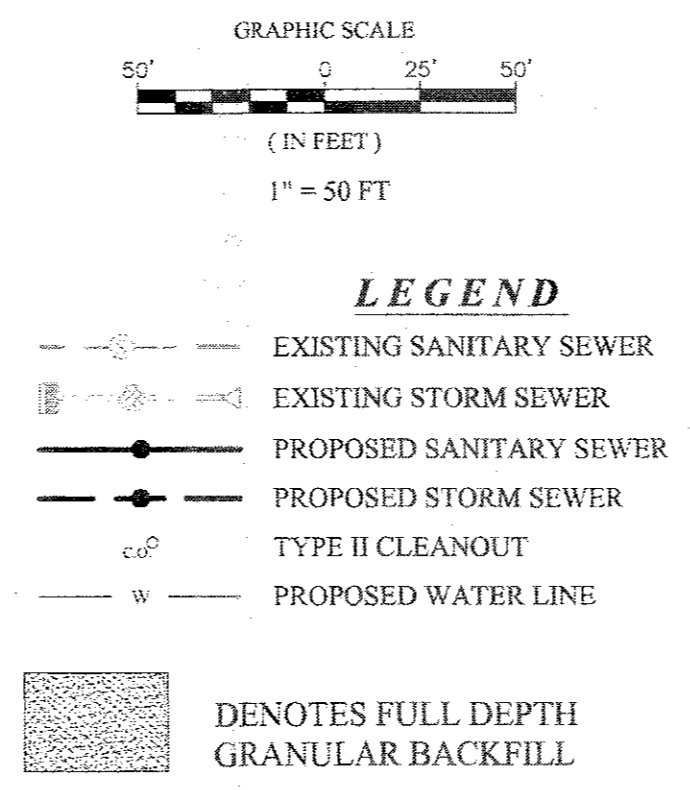
THE SANITARY SEWER AND LATERALS SHALL HAVE A MINIMUM COVER OF FOUR FEET, INCLUDING AT THE TIME OF INSTALLATION.

FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED ON ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER INDOT STANDARDS.

MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

CONTRACTOR SHALL INSTALL LATERAL NO CLOSER THAN 5' FROM BUILDING LINE AND NO GREATER THAN 6' DEEP AT LATERAL END.



**BUCKEYE NOTES:**

ALL SANITARY SEWER JOINS WITH 50-FEET OF THE HPPPP SHALL BE INSTALLED WITH NITRILE GASKETS (OR EQUAL).

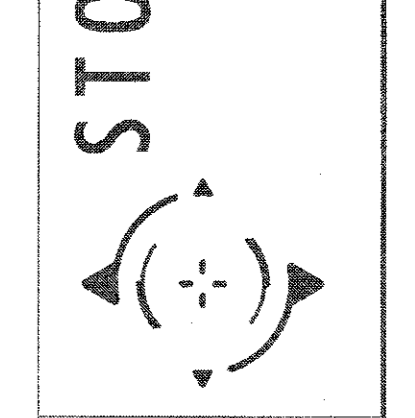
NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.

CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FEET OF THE CROSSING LOCATION.

IF THE CLEANOUTS ARE LOCATED WITHIN PAVEMENT, A YARD BOX MAY BE PROVIDED OR THE CLEANOUT EXTENDED FLUSH WITH THE PAVEMENT AND A METALLIC COVER CAPABLE OF WITHSTANDING TRAFFIC LOADS.

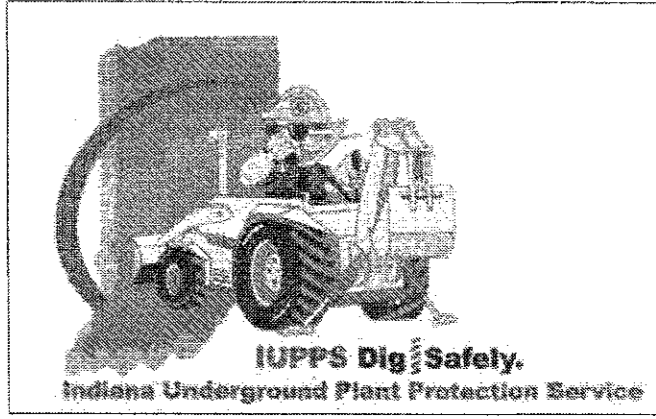
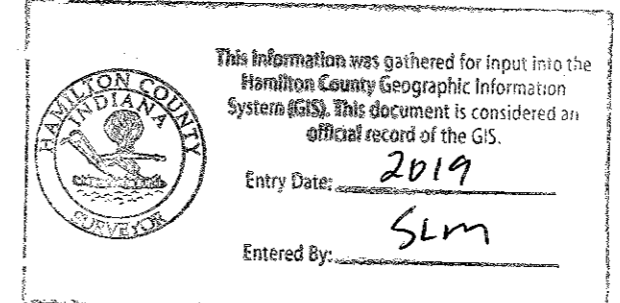
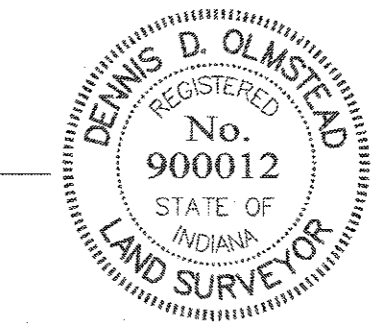
NO.	DATE	BY	REVISIONS
1	07/16/19	JSM	AS BUILTS
2	07/16/19	JSM	REVISED PER CITIZENS COMMENTS
3	07/16/19	ADG	REVISED PER TAC COMMENTS

**STOEPPELWERTH**  
 ALWAYS ON  
 7965 East 106th Street, Fishers, IN 46038-2505  
 phone: 317.849.2925 fax: 317.849.5742



# RECORD DRAWING

*D. D. O.*  
 Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 7/16/2019



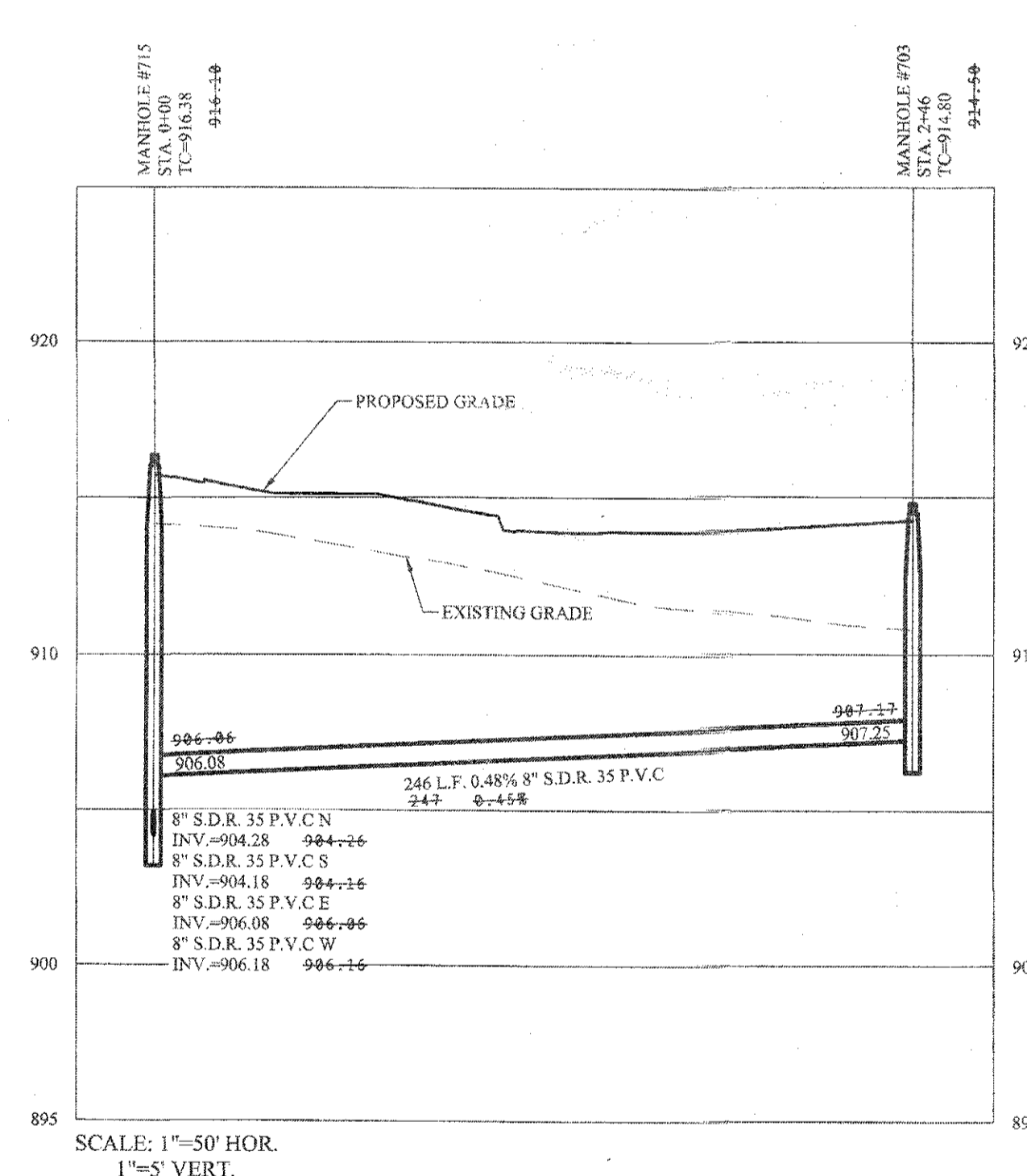
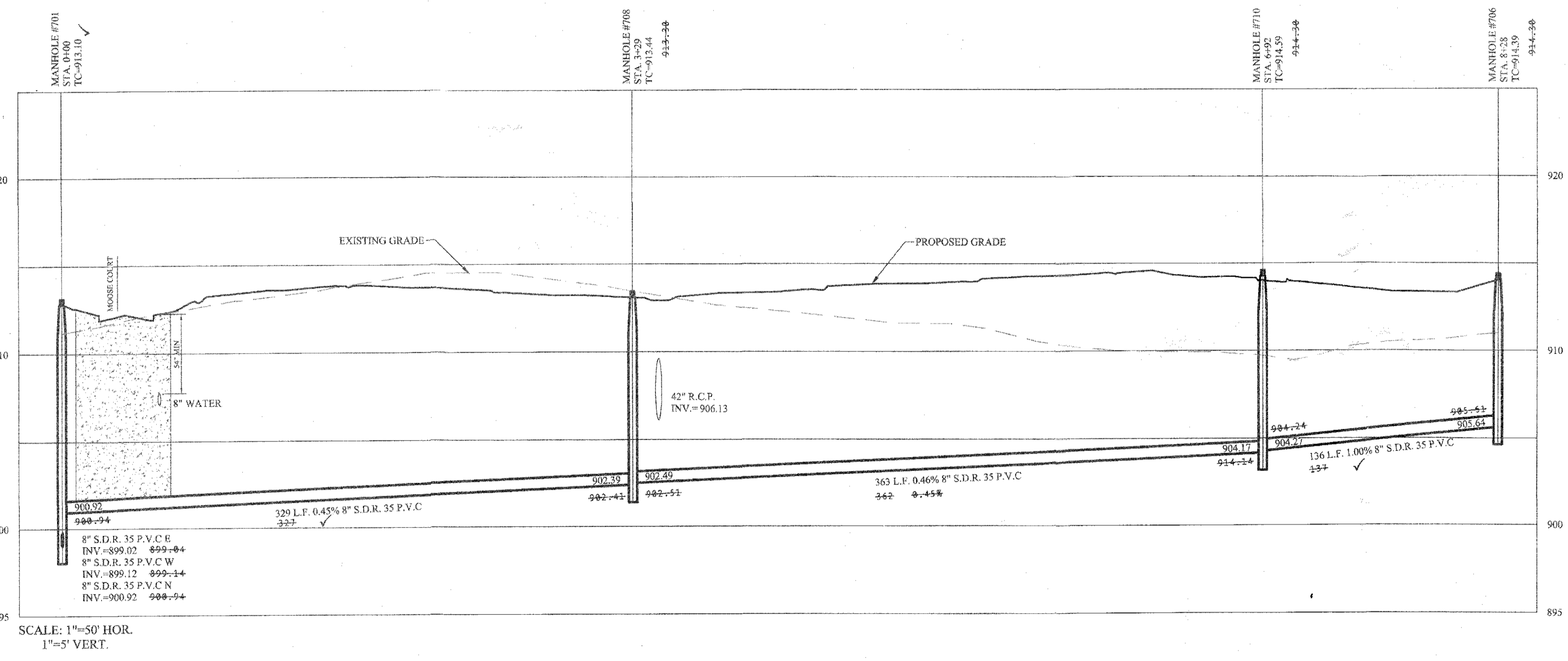
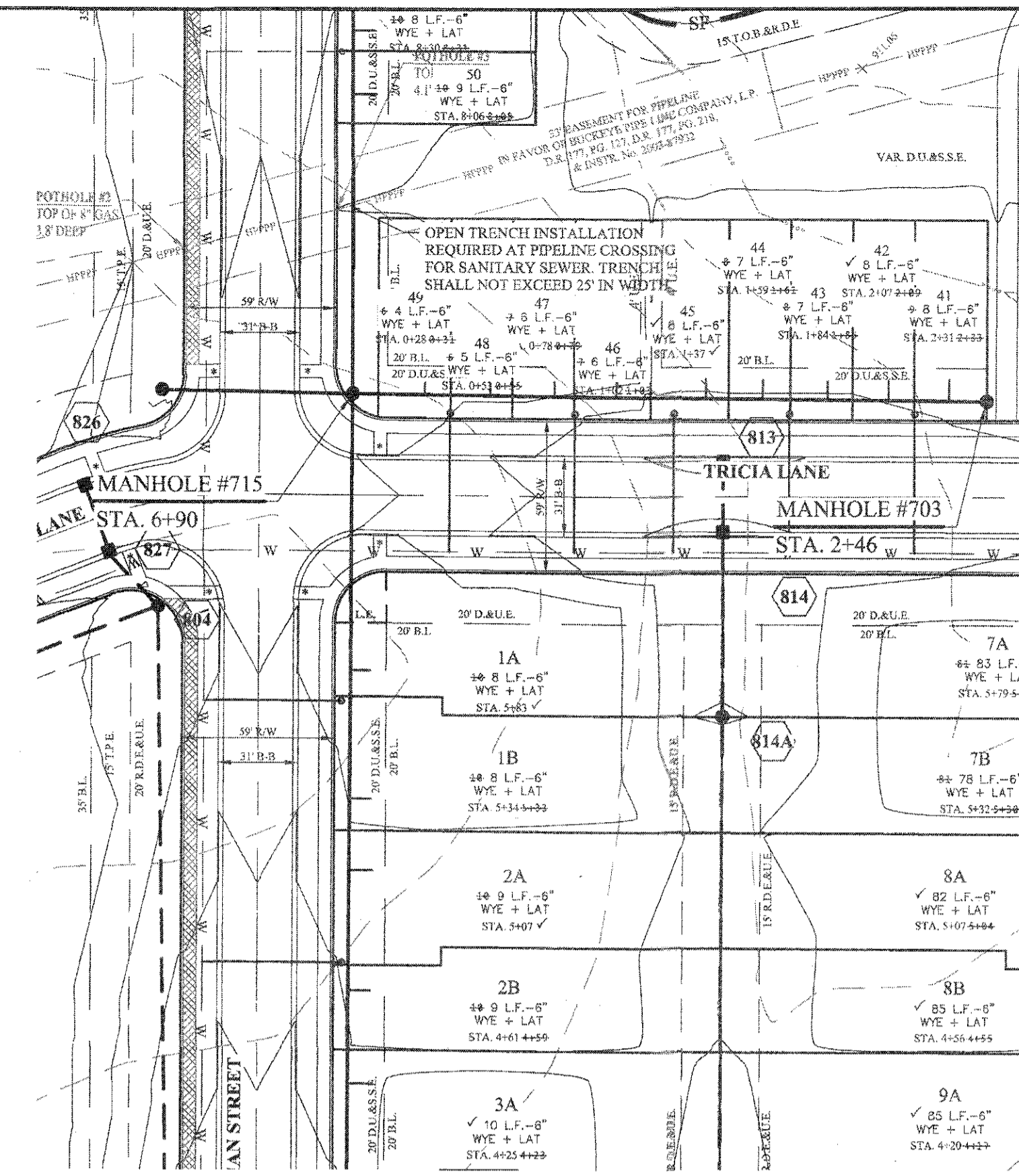
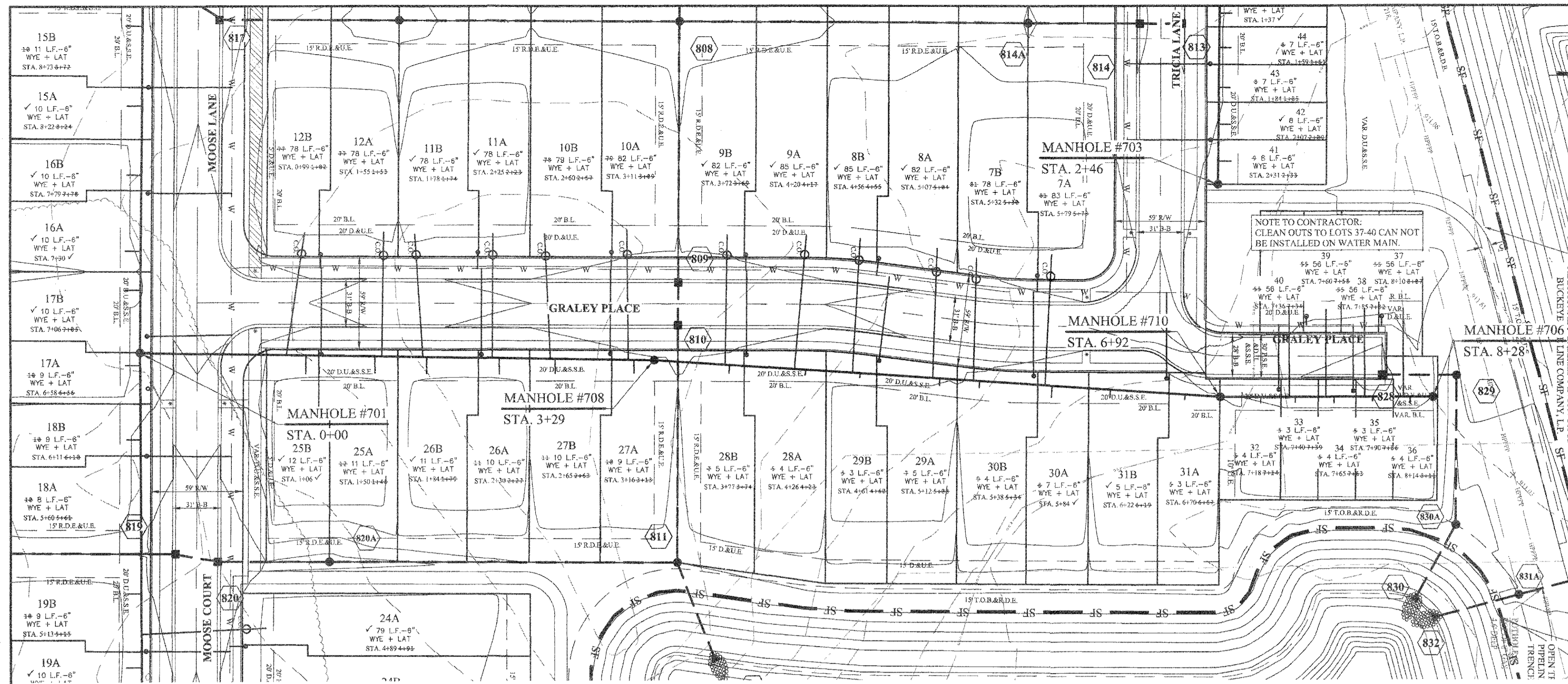
**SANITARY SEWER PLAN & PROFILE**  
 SPRINGMILL VILLAS  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH

SHEET NO. **C501**  
 50690PLA-MF

File Name: S:\50690PLA-MF\DWG\C500 - Sanitary Plan and Profiles.dwg - C501  
 Modified / By: July 16, 2019 11:58:14 AM / rmoore  
 Plotted / By: July 16, 2019 4:13:53 PM / Leroy Alexander





**NOTES:**

THERE ARE NO DRINKING WATER WELLS WITHIN 100 FEET OF THE PROPOSED SEWERS.

THE CONTRACTOR SHALL TELEVISION THE SANITARY SEWER PRIOR TO ACCEPTANCE AND AGAIN WITHIN SIX MONTHS OF THE EXPIRATION OF THE MAINTENANCE BOND. THE TAPES (OR CD) AND LOG SHALL BE FORWARDED TO MCCORDSVILLE DESIGNATED AGENT FOR REVIEW.

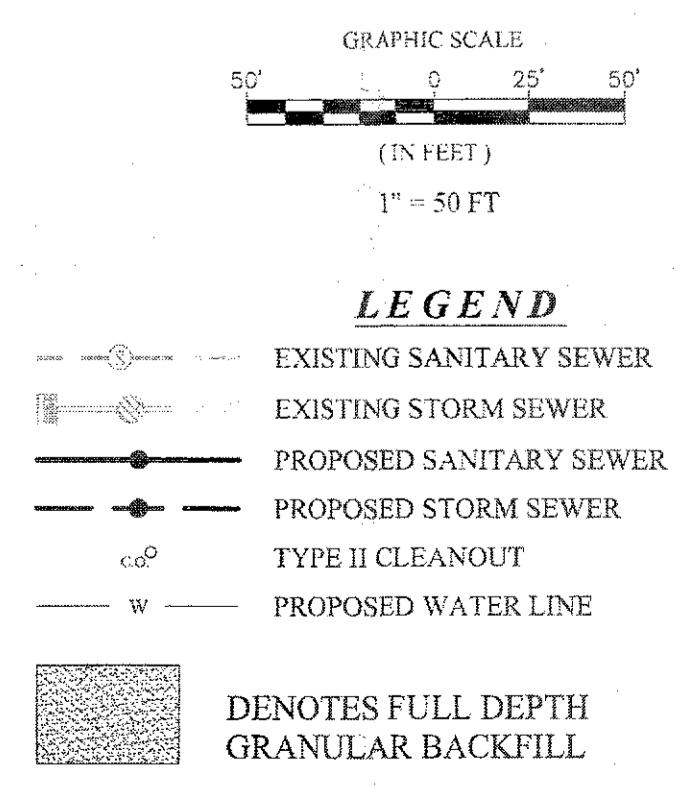
THE SANITARY SEWER AND LATERALS SHALL HAVE A MINIMUM COVER OF FOUR FEET; INCLUDING AT THE TIME OF INSTALLATION.

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MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

CONTRACTOR SHALL INSTALL LATERAL NO CLOSER THAN 5' FROM BUILDING LINE AND NO GREATER THAN 6' DEEP AT LATERAL END.



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: 2019  
 Entered By: SLM

**BUCKEYE NOTES:**

ALL SANITARY SEWER JOINS WITH 50-FOET OF THE HPPPP SHALL BE INSTALLED WITH NITRILE GASKETS (OR EQUAL).

NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.

CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FOET OF THE CROSSING LOCATION.

# RECORD DRAWING

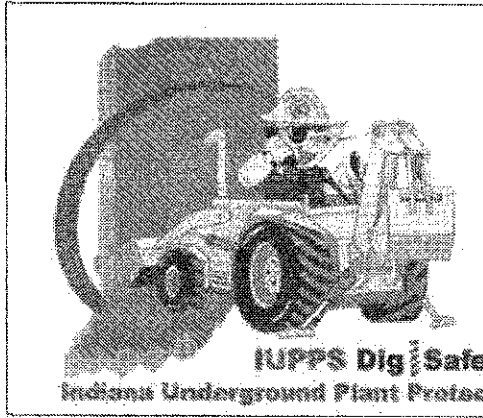
Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012

7/16/2019

DENNIS D. OLMSTEAD  
 REGISTERED  
 No. 900012  
 STATE OF INDIANA  
 LAND SURVEYOR



Know what's below.  
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DATE	MARK	REVISIONS
07/16/19		AS BUILTS
07/22/18		REVISED PER CITIZENS COMMENTS
07/22/18		REVISED PER TAC COMMENTS

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEY FOR LOCATION REPORT.

CERTIFIED: 05/02/18

David J. Stappeler  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
 STATE OF INDIANA

**STOEPPELWERTH**

ALWAYS ON

7965 East 100th Street, Fishers, IN 46038-2505  
 Phone: 317.849.5205 Fax: 317.849.5942

**SANITARY SEWER PLAN & PROFILE**

SPRINGMILL VILLAS

HAMILTON COUNTY, INDIANA

WESTFIELD

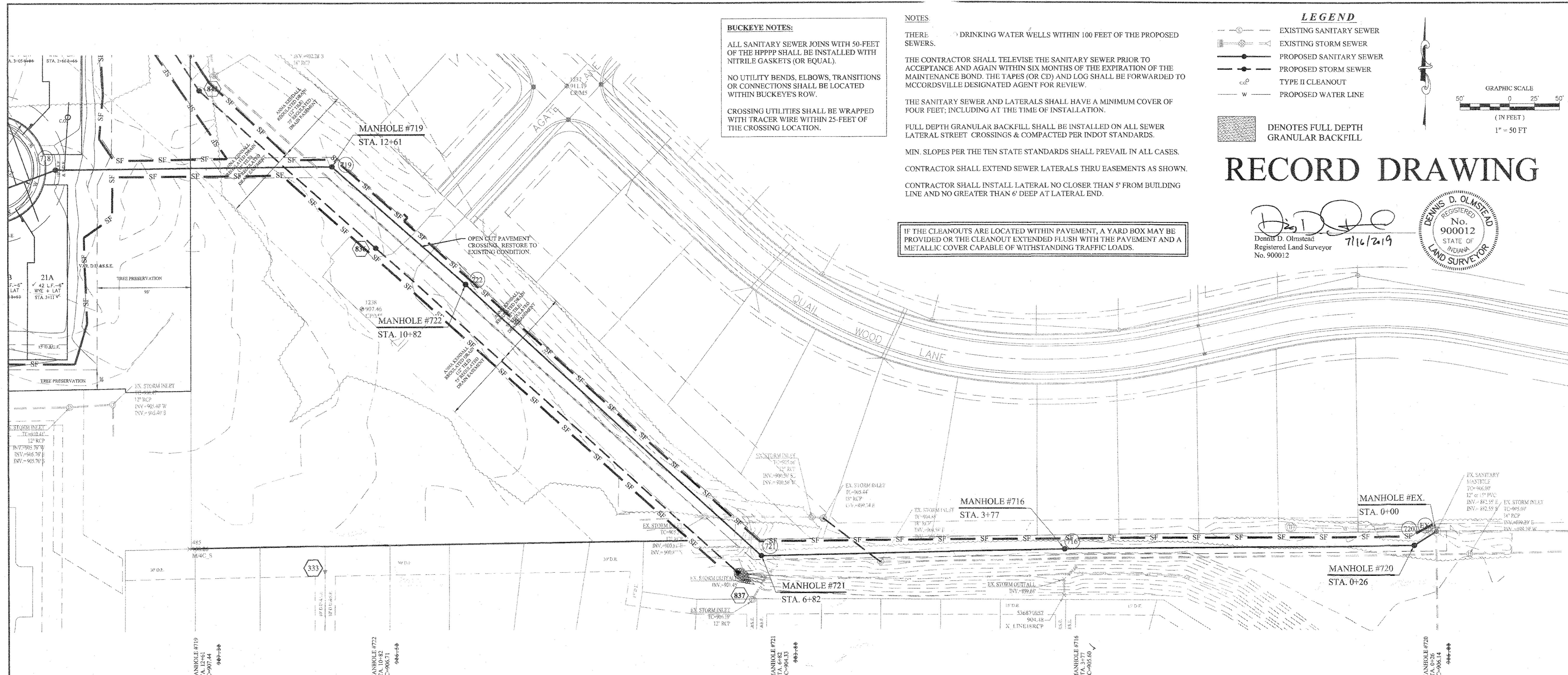
DRAWN BY: JSM/ADG  
 CHECKED BY: BAH

SHEET NO. **C502**

8.8 x 10.8 IN.  
 50690PLA-MF



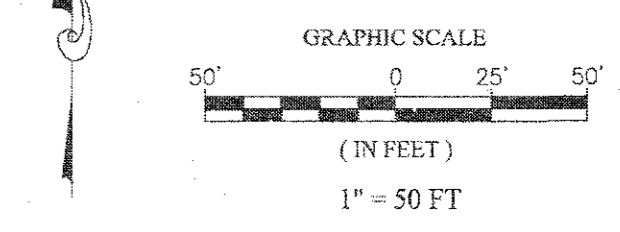
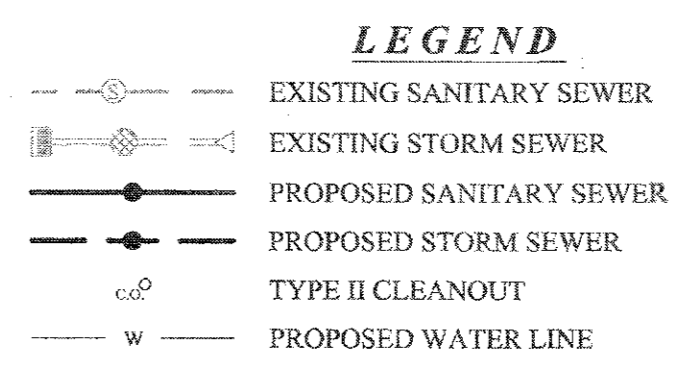
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 Modified / By: July 16, 2019 11:58:14 AM / rmm  
 Plotted / By: July 16, 2019 4:14:39 PM / Lacey Alexander



**BUCKEYE NOTES:**  
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 NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.  
 CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FOET OF THE CROSSING LOCATION.

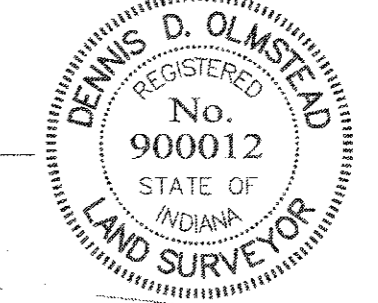
**NOTES**  
 THERE ARE DRINKING WATER WELLS WITHIN 100 FEET OF THE PROPOSED SEWERS.  
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 THE SANITARY SEWER AND LATERALS SHALL HAVE A MINIMUM COVER OF FOUR FEET; INCLUDING AT THE TIME OF INSTALLATION.  
 FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED ON ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER INDOT STANDARDS.  
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# RECORD DRAWING

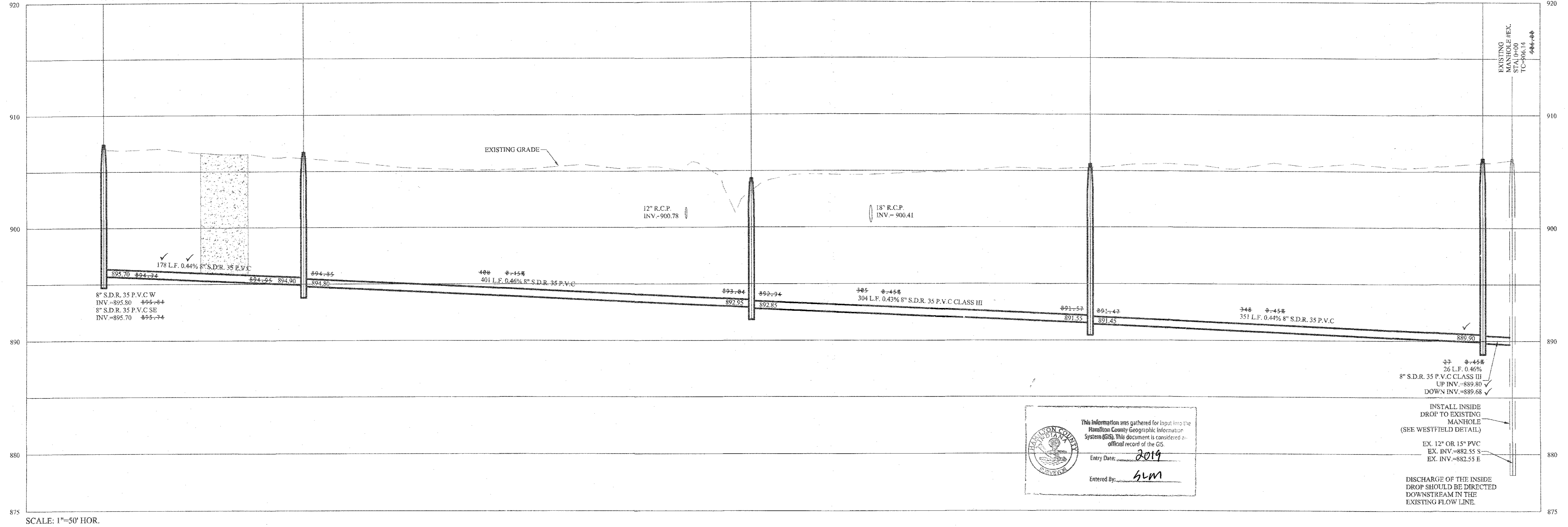
Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 7/16/2019



NO.	DATE	MARK	REVISIONS
AS BUILT			
07/10/19			REVISED PER SANITARY
10/25/18			STR. 722 LOCATION MOVED
08/22/18			REVISED PER CITIZENS COMMENTS
07/12/18			REVISED PER TAC COMMENTS
07/02/18			

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A REPLACEMENT OR ORIGINAL BOUNDARY SURVEY. A ROUTE REPORT OR A SURVEY LOCATION REPORT.  
 CERTIFIED: 05/02/18  
 David J. Stoeppelwerth  
 Registered Professional Engineer  
 No. 19358  
 STATE OF INDIANA

**STOEPPELWERTH**  
 ALWAYS ON  
 7905 East 106th Street, Fishers, IN 46038-2505  
 phone: 317.849.5935 fax: 317.849.5942

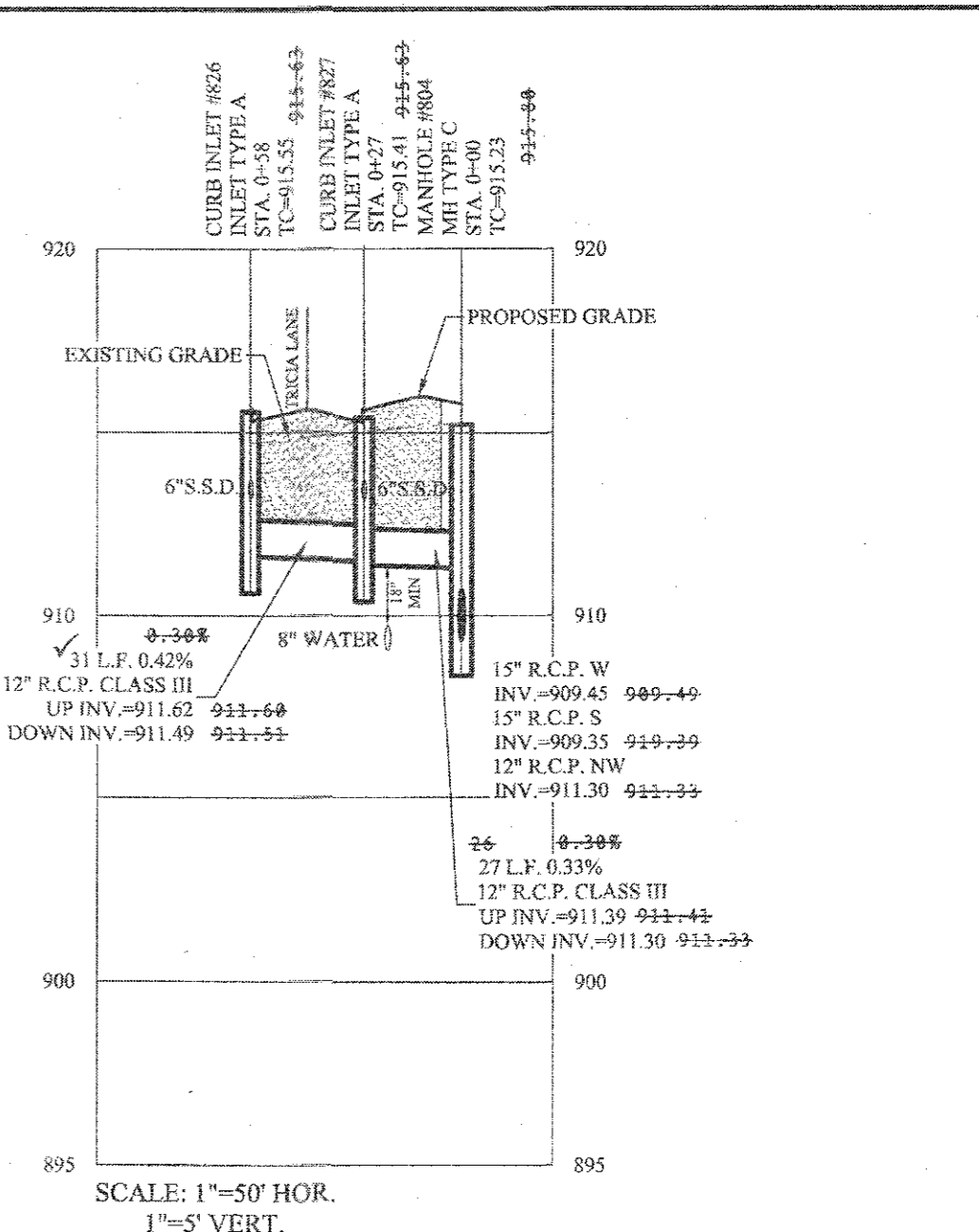
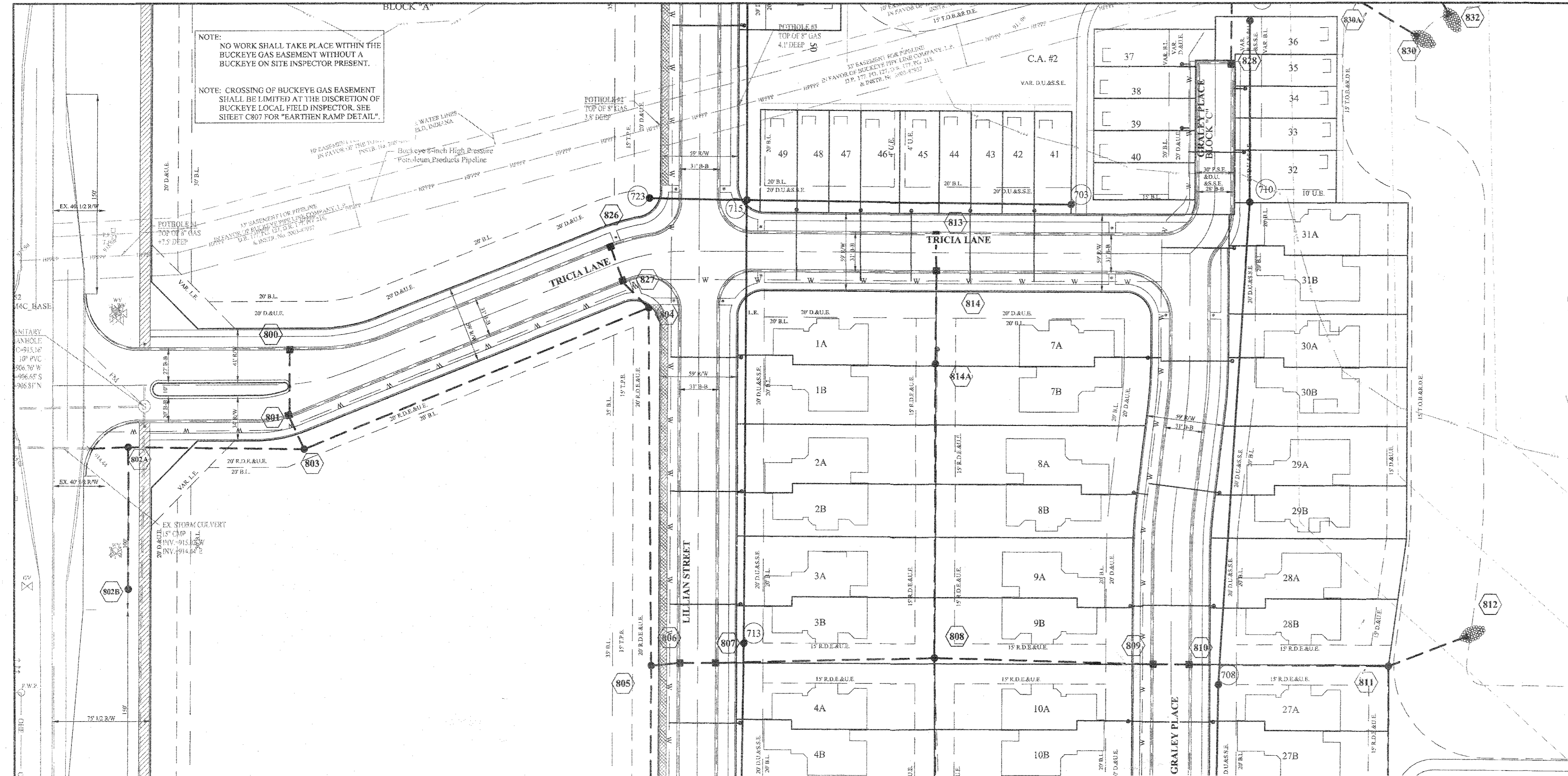


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 2019  
 Entered By: SLM

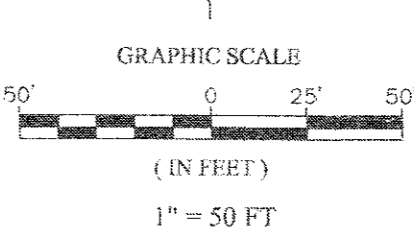
**SANITARY PLAN & PROFILE**  
**SPRINGMILL VILLAS**  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD  
 DRAWN BY: JSM/ADG  
 CHECKED BY: BAH  
 SHEET NO. **C503**  
 S.E.A. JOB NO. 50690PLA-MF



S:\50690PLA-MFDWG\C600 - Storm Plan and Profiles.dwg - C600  
 November 1, 2019 1:10:08 PM / lalexander  
 November 1, 2019 1:47:56 PM / Leroy Alexander  
 Plotted / By:



- LEGEND**
- EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - PROPOSED SANITARY SEWER
  - PROPOSED STORM SEWER
  - W — PROPOSED WATER LINE



# RECORD DRAWING

Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/1/2019



**BUCKEYE NOTE:**  
 CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25 FEET OF THE CROSSING LOCATION.

DATE	MARK	REVISIONS
08/19/19	AS BUILTS	
07/21/18	ADDED STORM 805-808A	
07/02/18	REVISED PER CITIZENS COMMENTS	
	REVISED PER TAC COMMENTS	

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY. A REPORT OR A SURVEYOR LOCATION REPORT.

David J. Stoepfelwerth  
 Registered Professional Engineer  
 No. 19358  
 State of Indiana  
 CERTIFIED: 05/02/18

## STOEPPELWERTH

ALWAYS ON  
 7905 East 106th Street, Fishers, IN 46038-2505  
 phone: 317.840.5935 fax: 317.840.5942

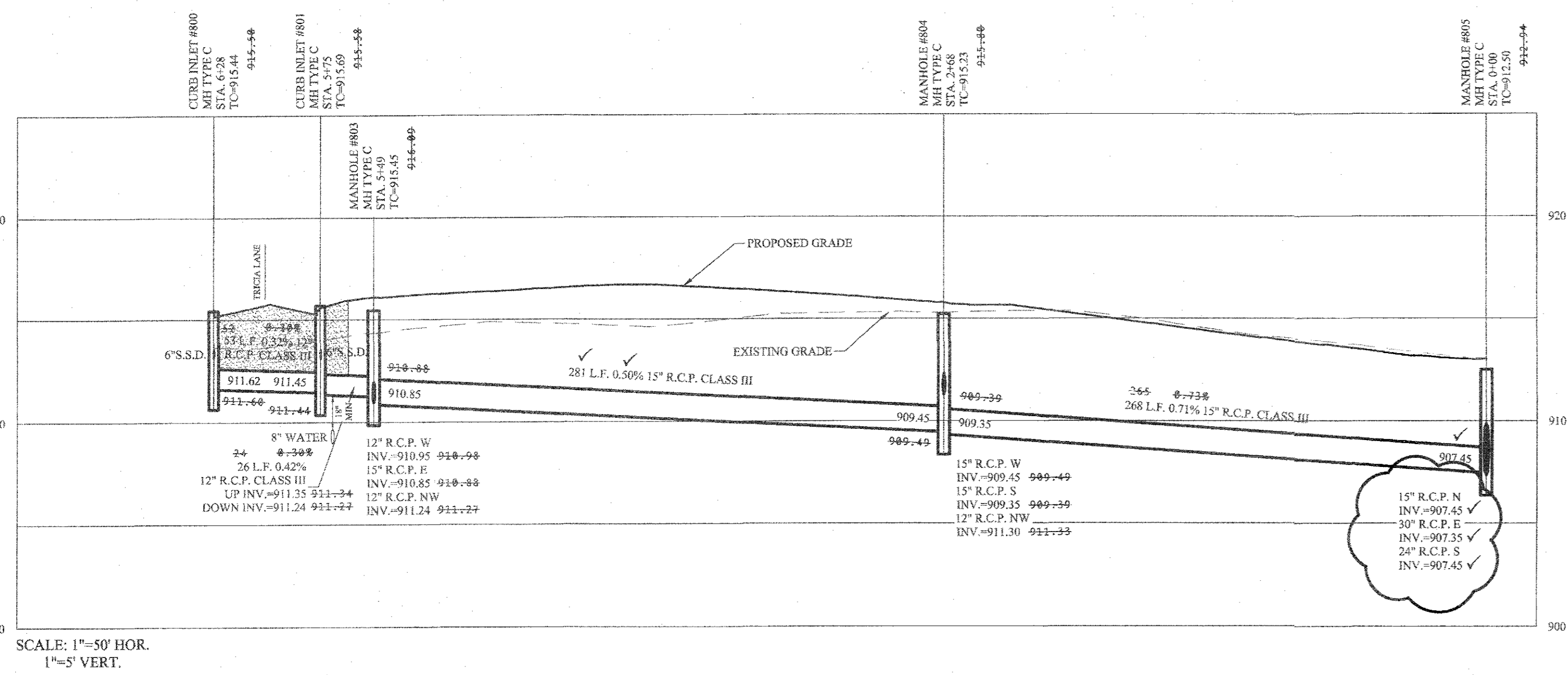


## STORM SEWER PLAN & PROFILE SPRINGMILL VILLAS

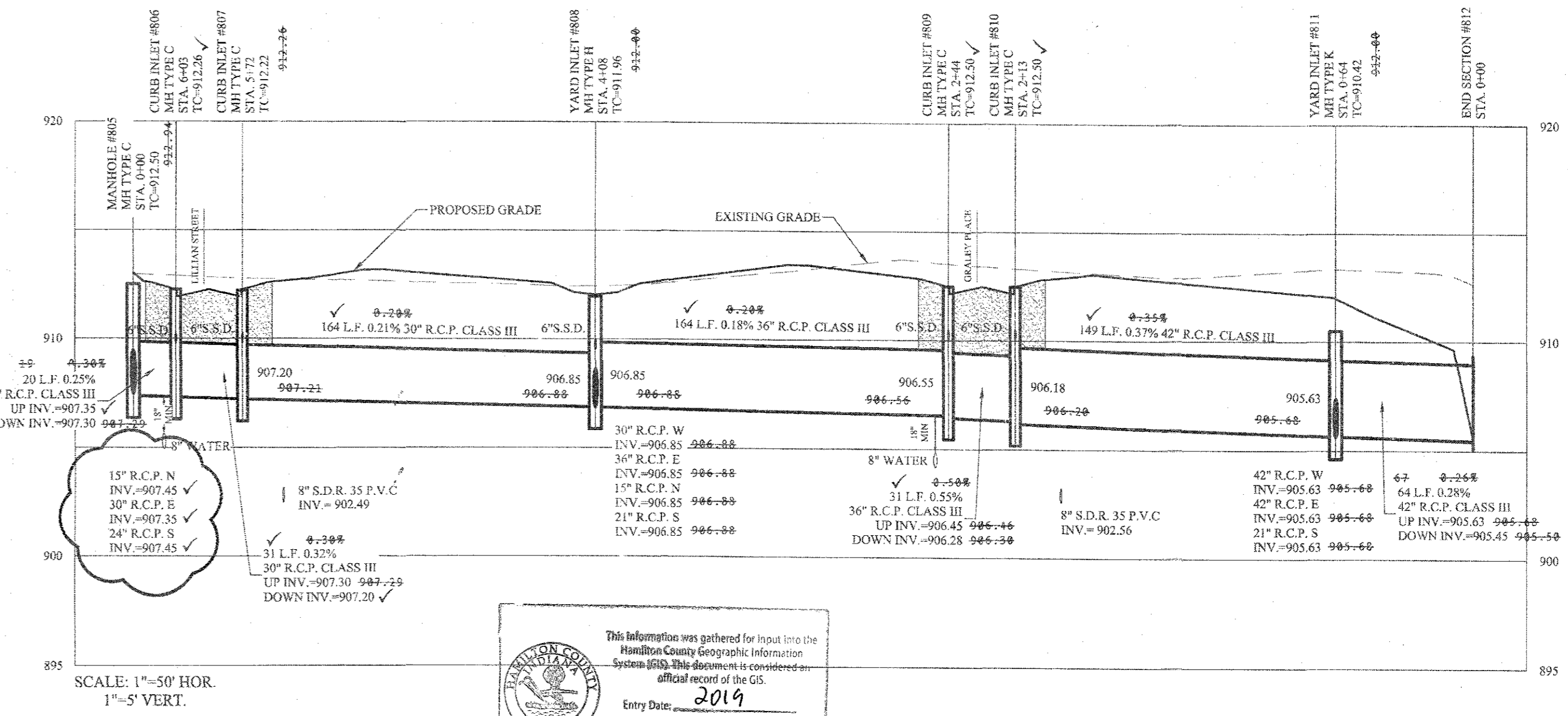
HAMILTON COUNTY, INDIANA  
 WESTFIELD

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH

SHEET NO. **C600**  
 S & A JOB NO. 50690PLA-MF



SCALE: 1"=50' HOR.  
 1"=5' VERT.



SCALE: 1"=50' HOR.  
 1"=5' VERT.

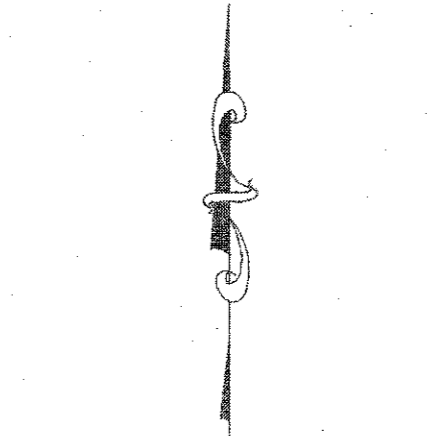
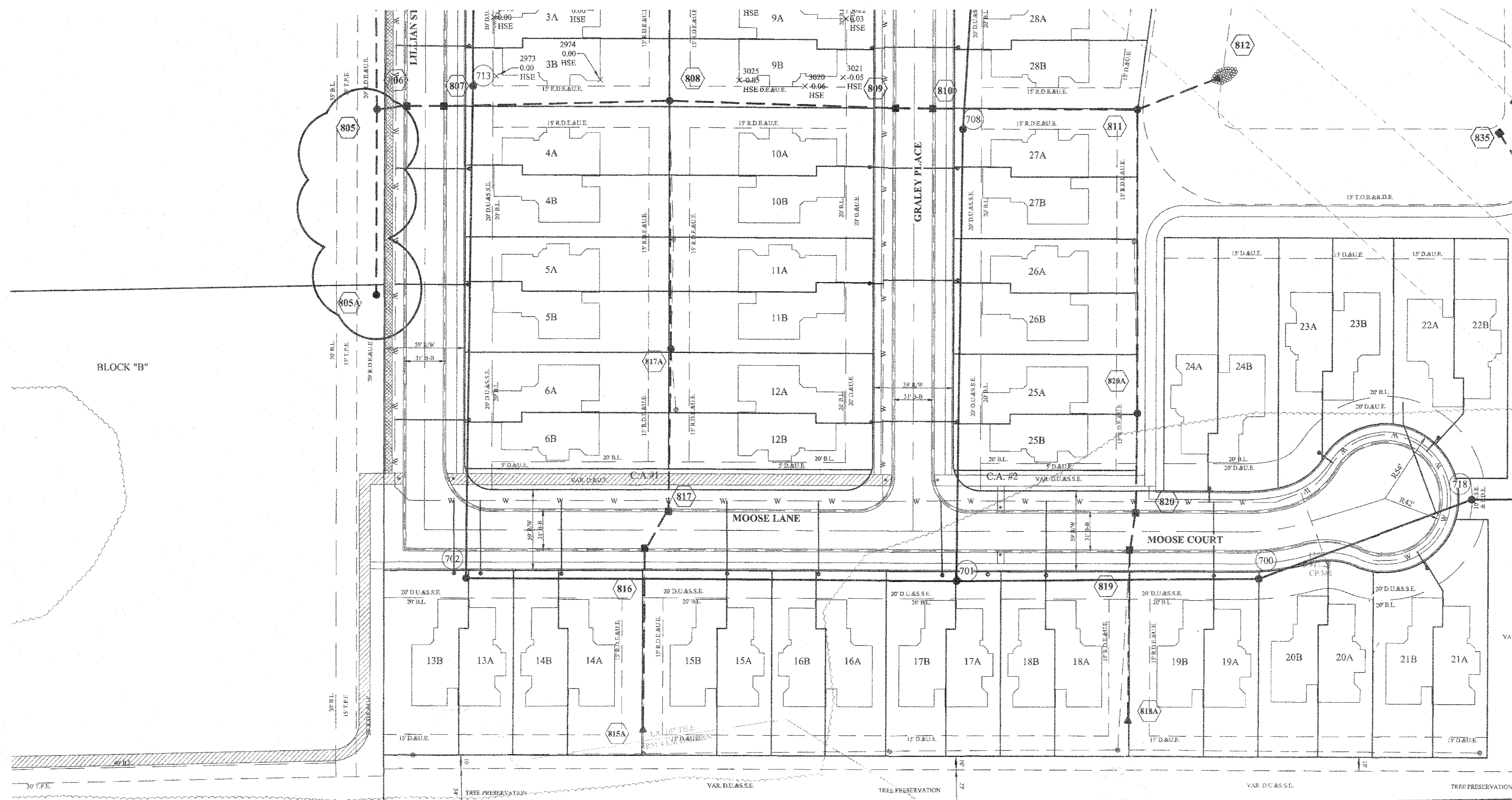
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 2019  
 Entered By: SLm



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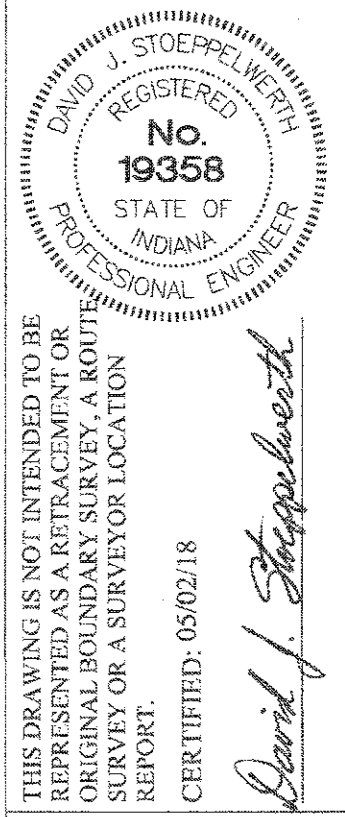
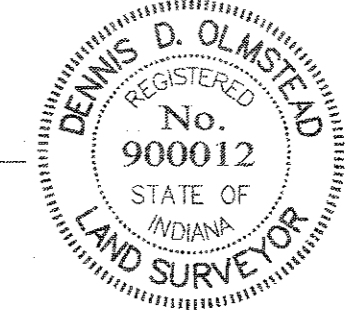




- LEGEND**
- EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - PROPOSED SANITARY SEWER
  - PROPOSED STORM SEWER
  - PROPOSED WATER LINE
- DENOTES FULL DEPTH COMPACTED GRANULAR BACKFILL
- GRANULAR BACKFILL SHALL BE "B" BORROW (1/2" NOMINAL SIZE) AS DEFINED BY INDOT

# RECORD DRAWING

*D.D.O.*  
 Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/1/2019



**STOEPPELWERTH**

ALWAYS ON  
 795 East 106th Street, Fishers, IN 46038-2505  
 phone: 317.845.5935 fax: 317.845.5942

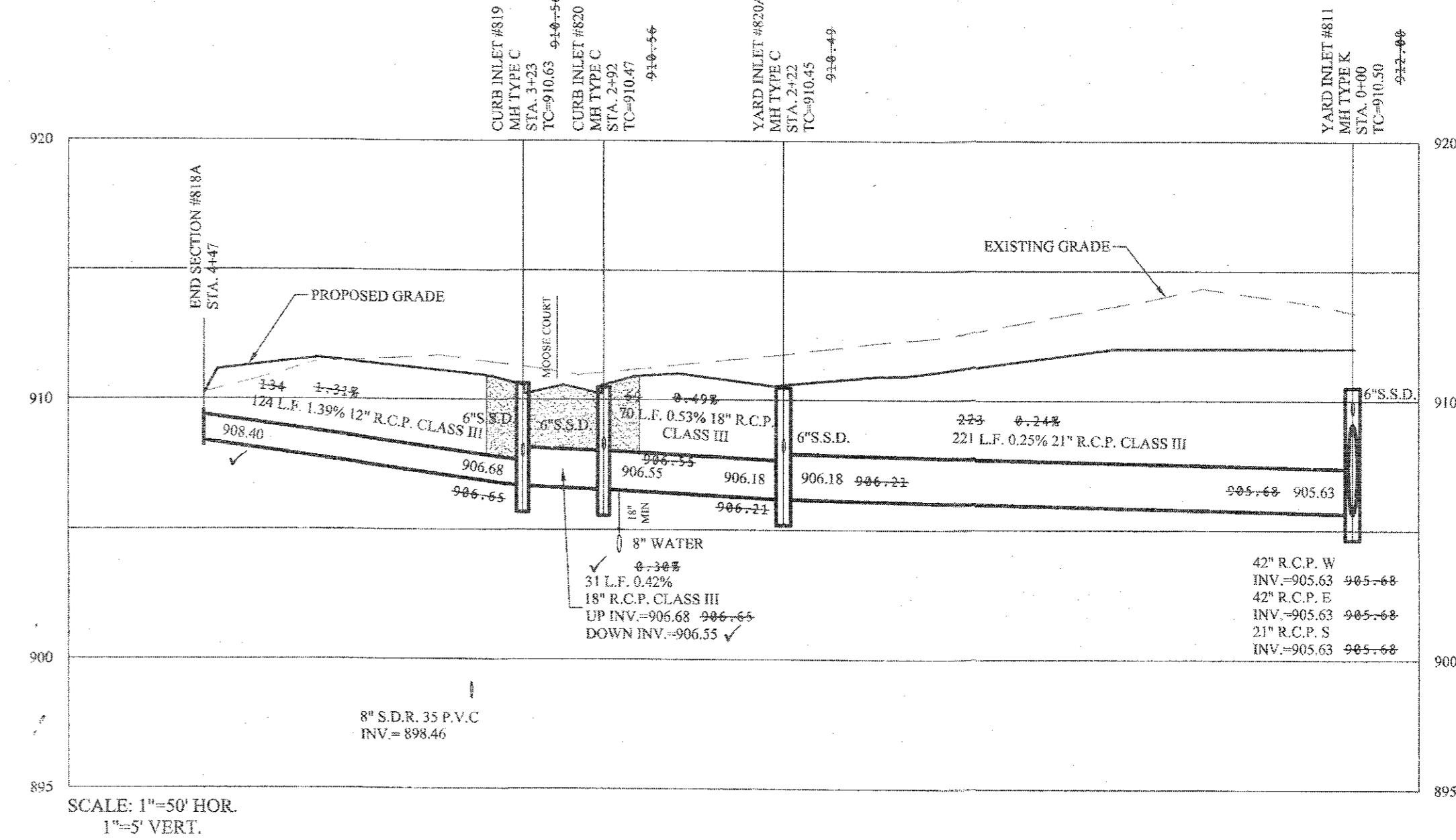
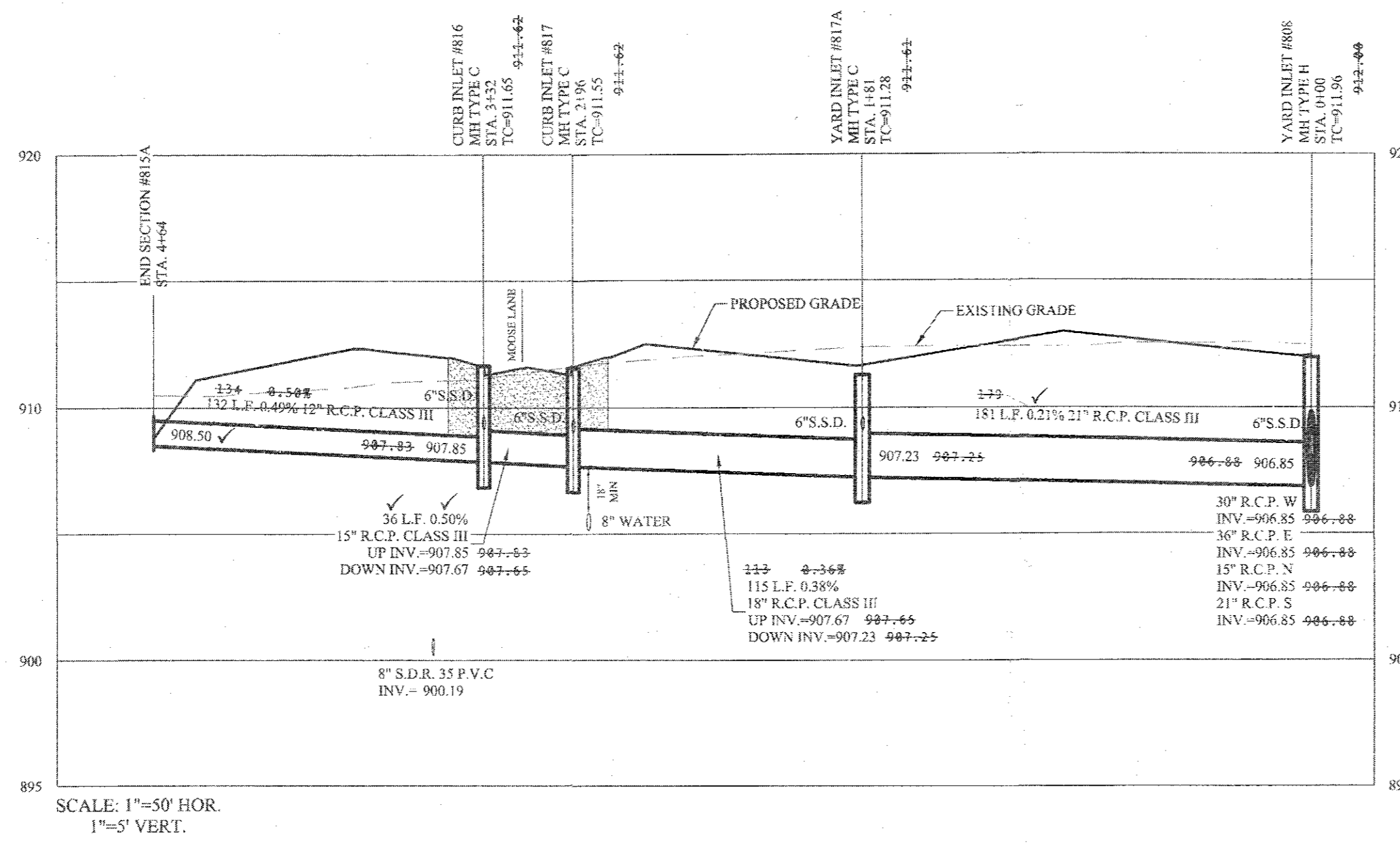
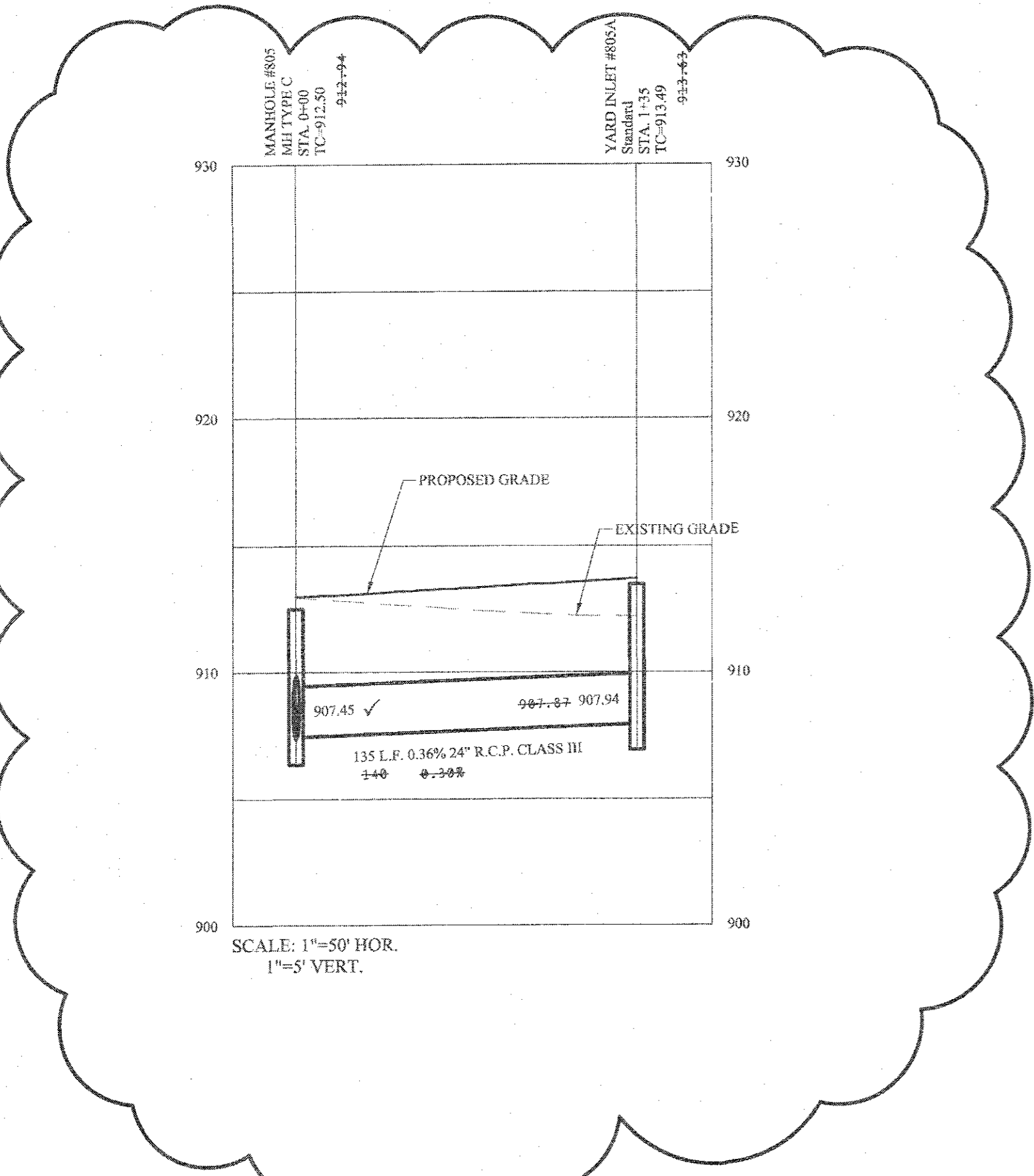
## STORM SEWER PLAN & PROFILE

SPRINGMILL VILLAS

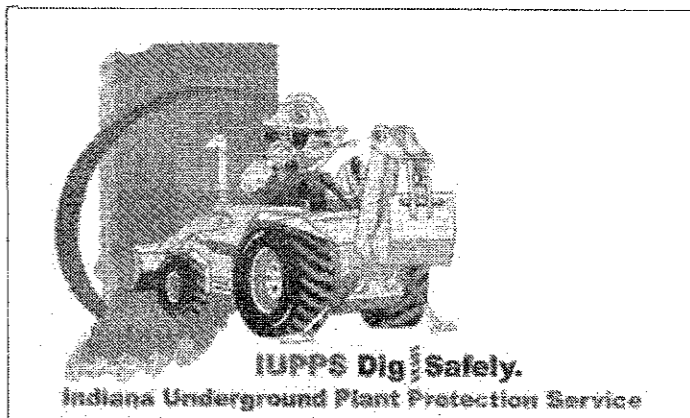
HAMILTON COUNTY, INDIANA

WESTFIELD

DRAWN BY: JSM/ADG CHECKED BY: BAH  
 SHEET NO. **C601**  
 50690PLA-MF

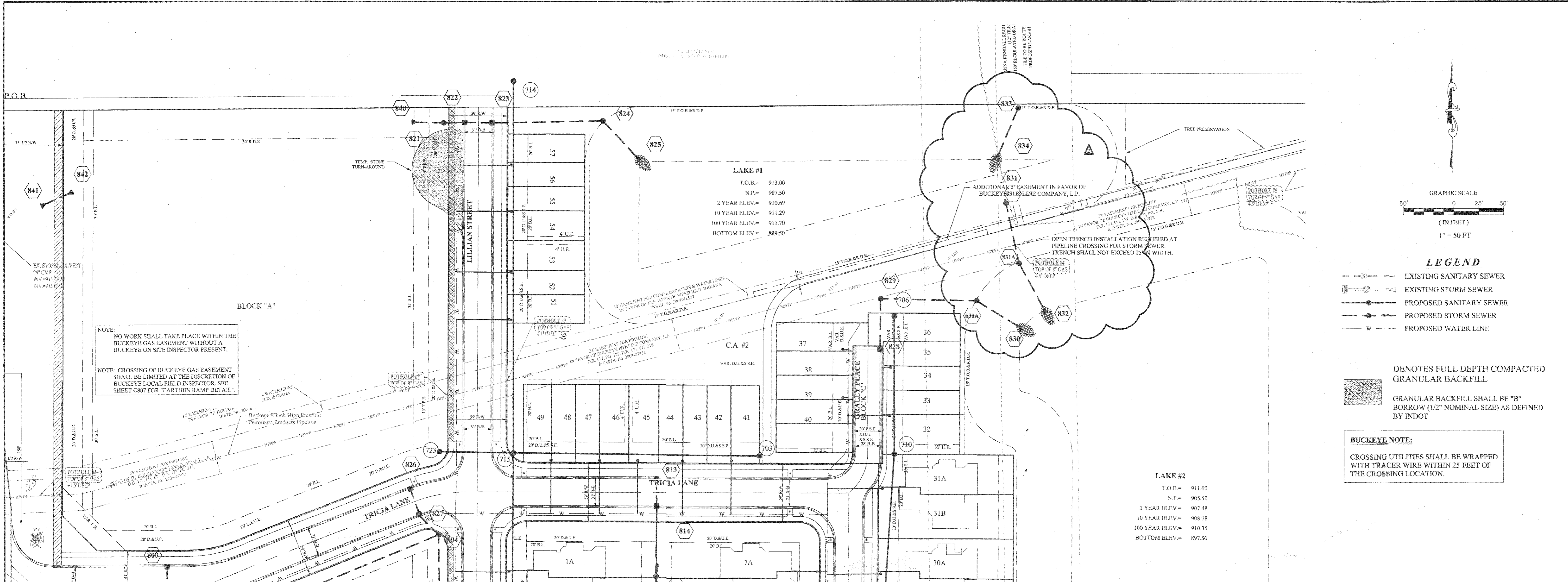


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 2019  
 Entered by: SLM



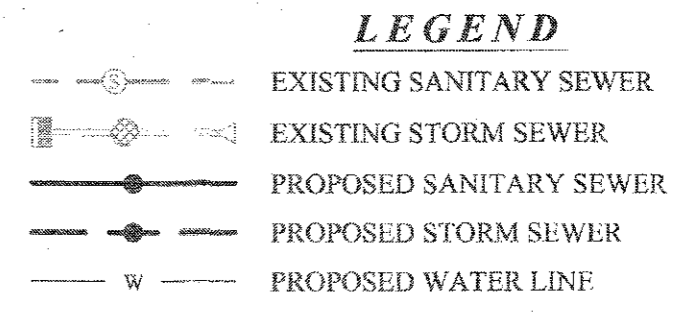


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 Modified / By: November 1, 2019 1:00:08 PM / alexander  
 Plotted / By: November 1, 2019 1:49:21 PM / Leroy Alexander



NOTE: NO WORK SHALL TAKE PLACE WITHIN THE BUCKEYE GAS EASEMENT WITHOUT A BUCKEYE ON SITE INSPECTOR PRESENT.

NOTE: CROSSING OF BUCKEYE GAS EASEMENT SHALL BE LIMITED AT THE DISCRETION OF BUCKEYE LOCAL FIELD INSPECTOR. SEE SHEET C807 FOR "EARTHEN RAMP DETAIL".

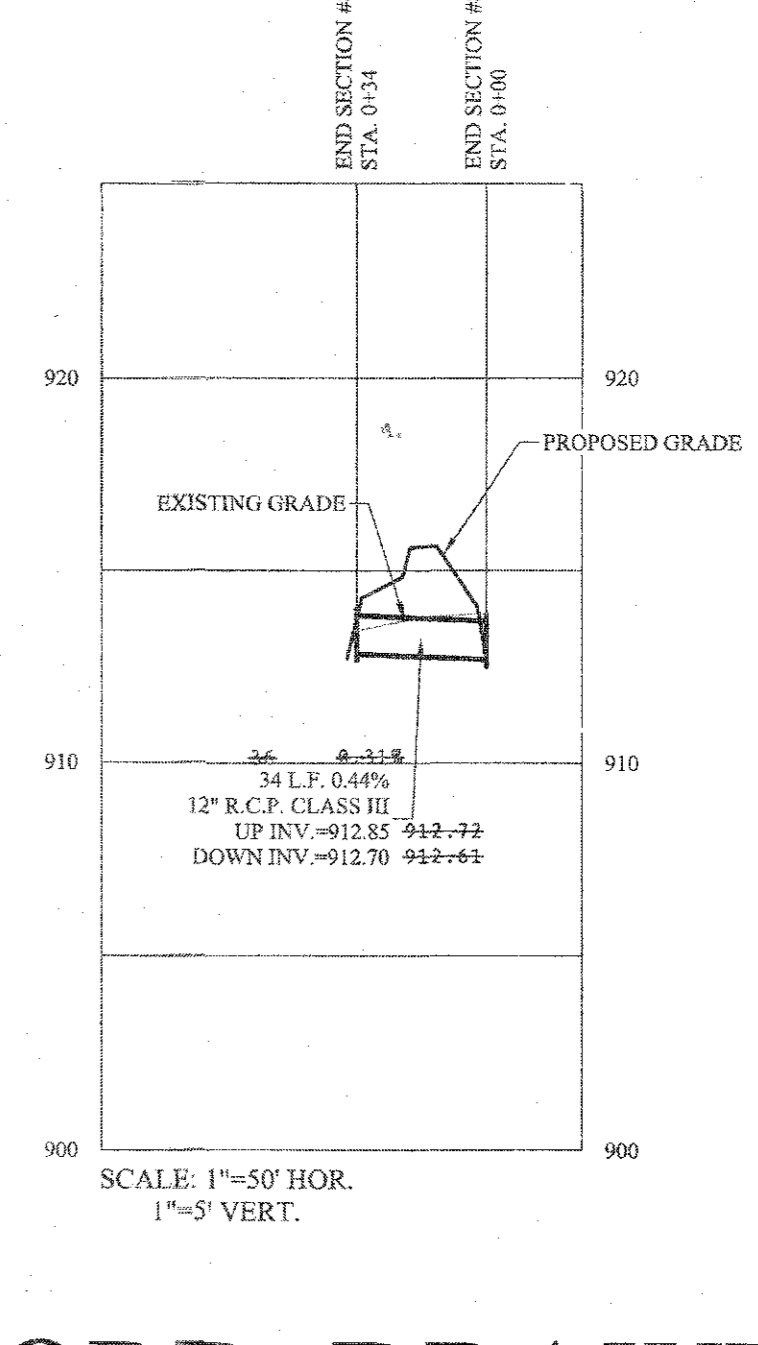
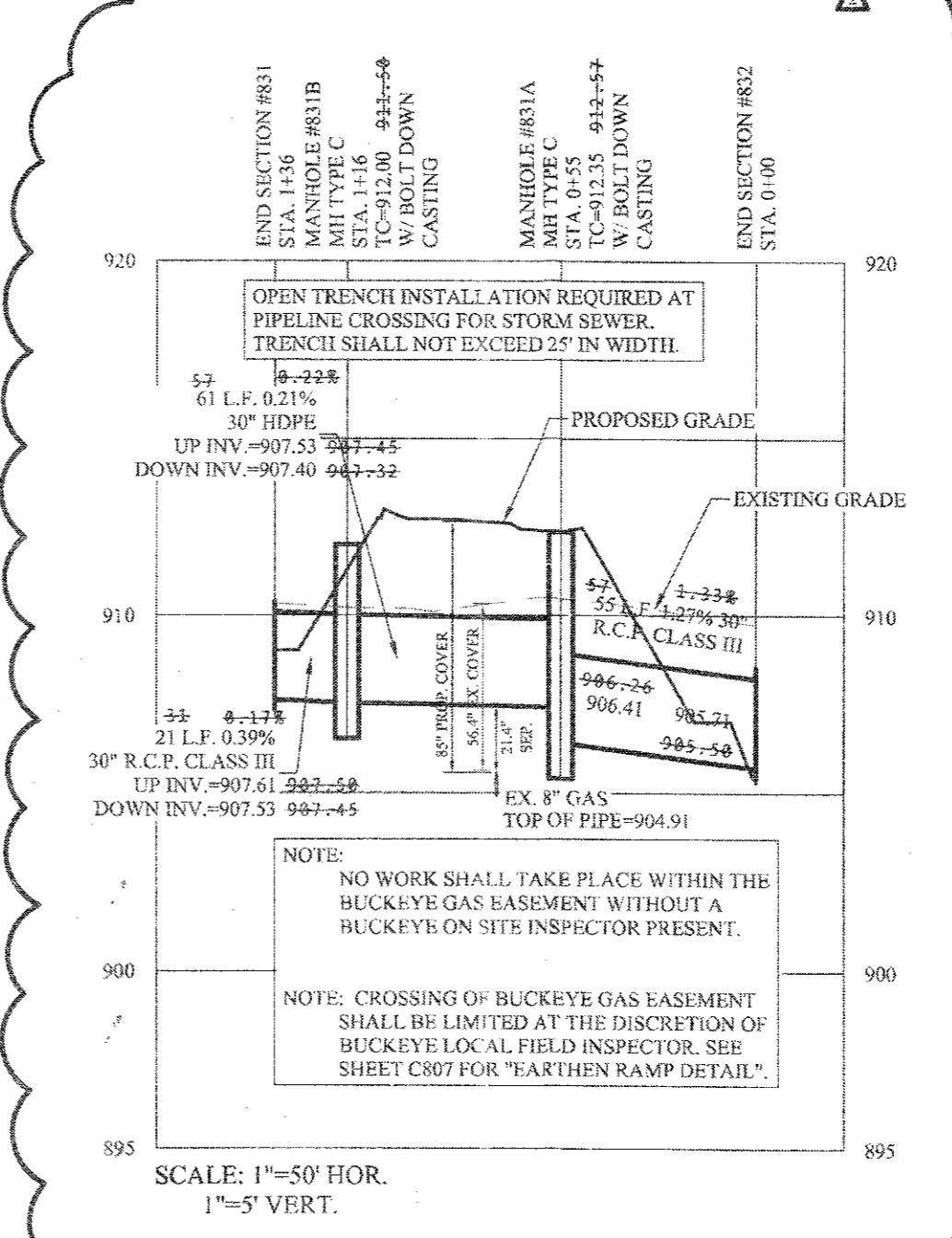
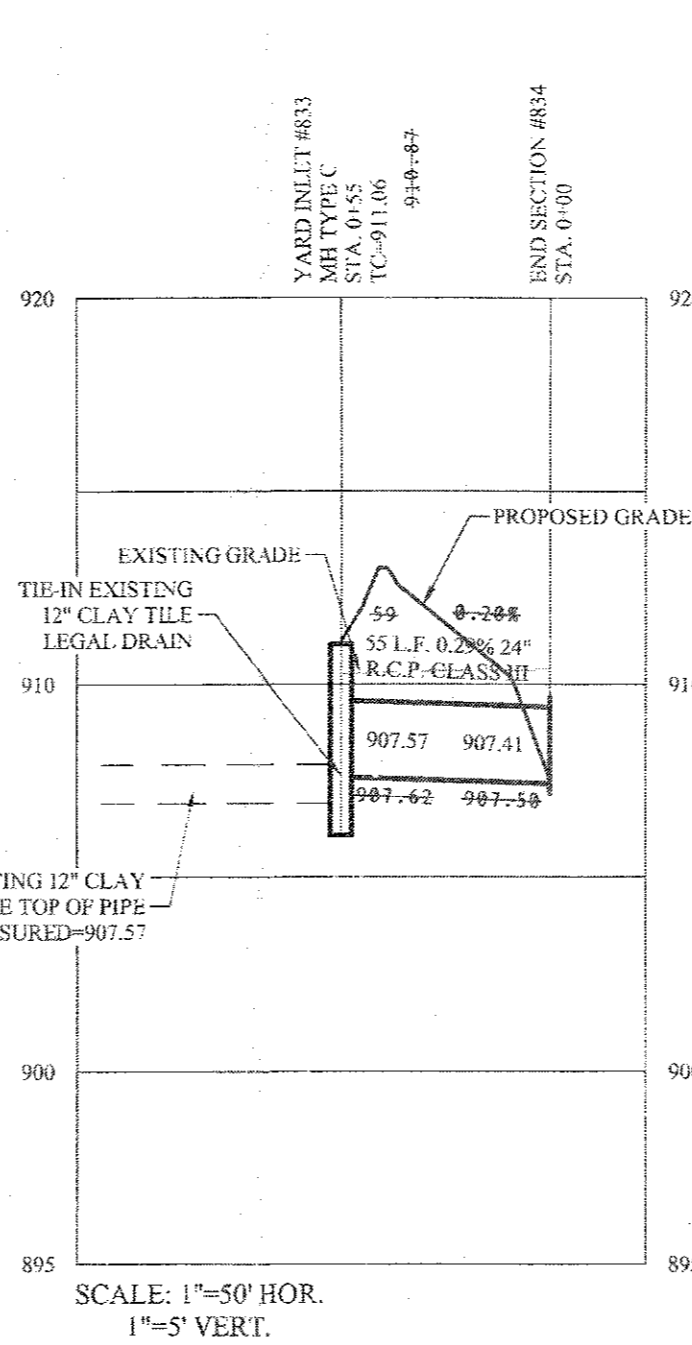
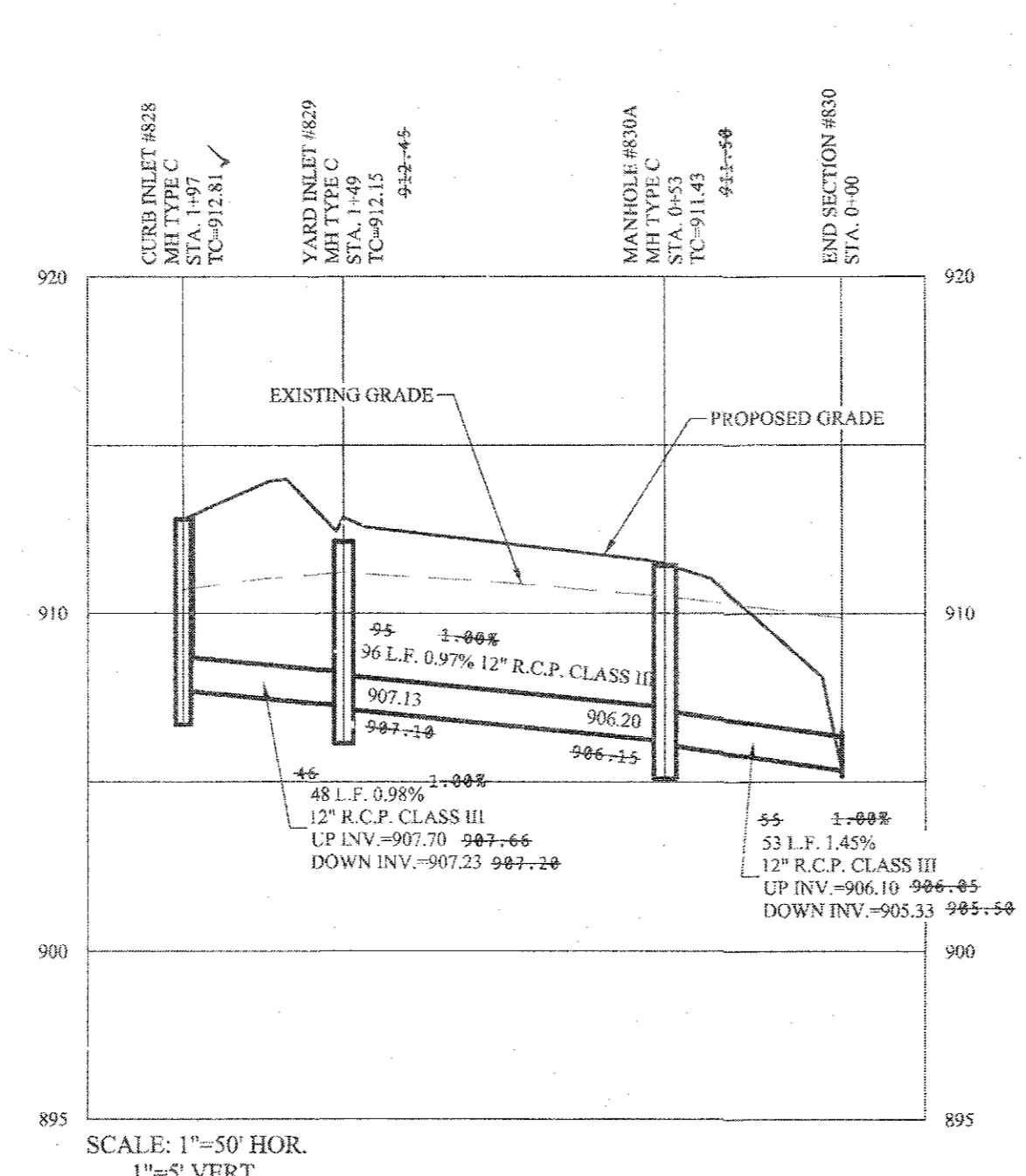
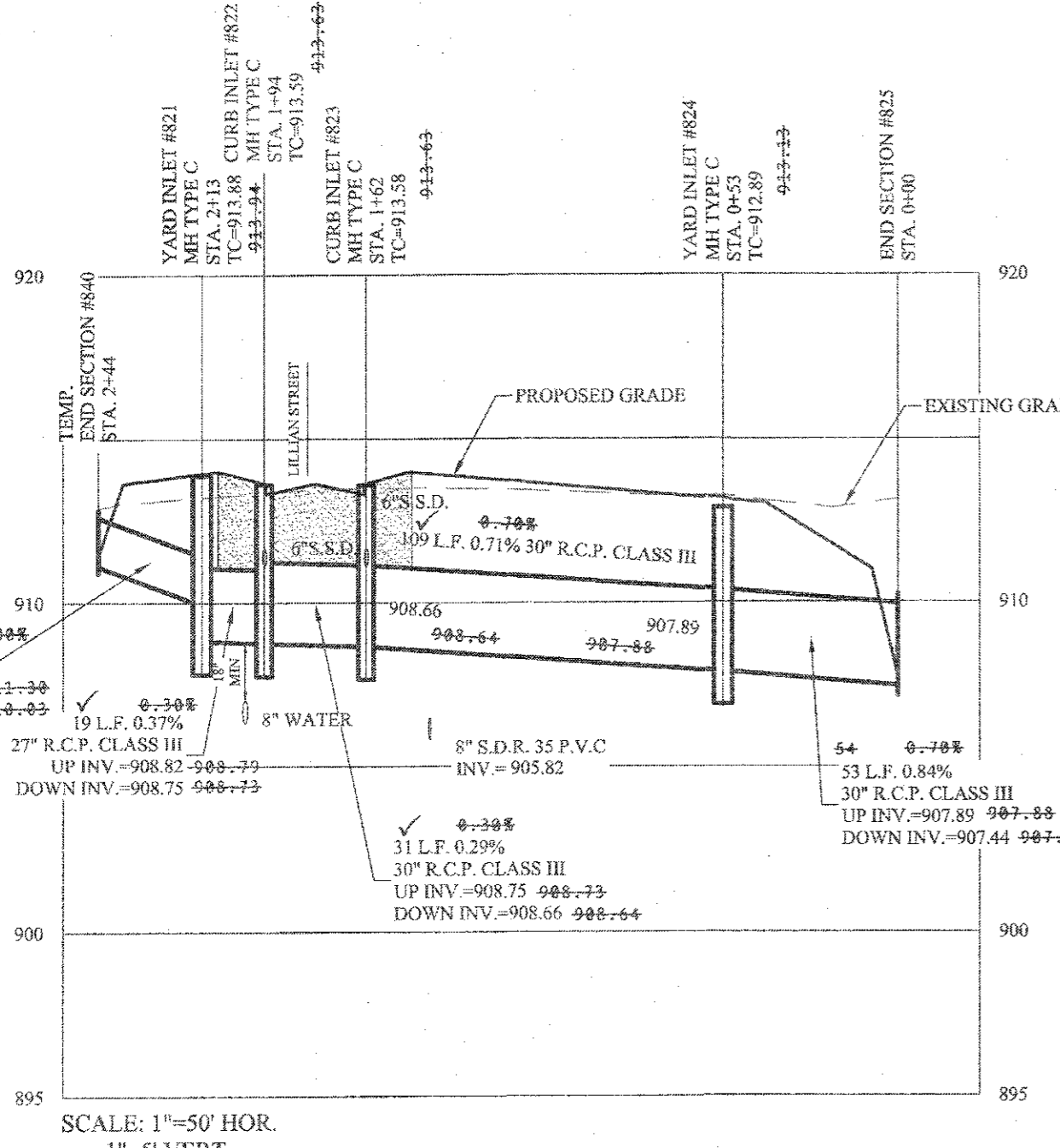


DENOTES FULL DEPTH COMPACTED GRANULAR BACKFILL

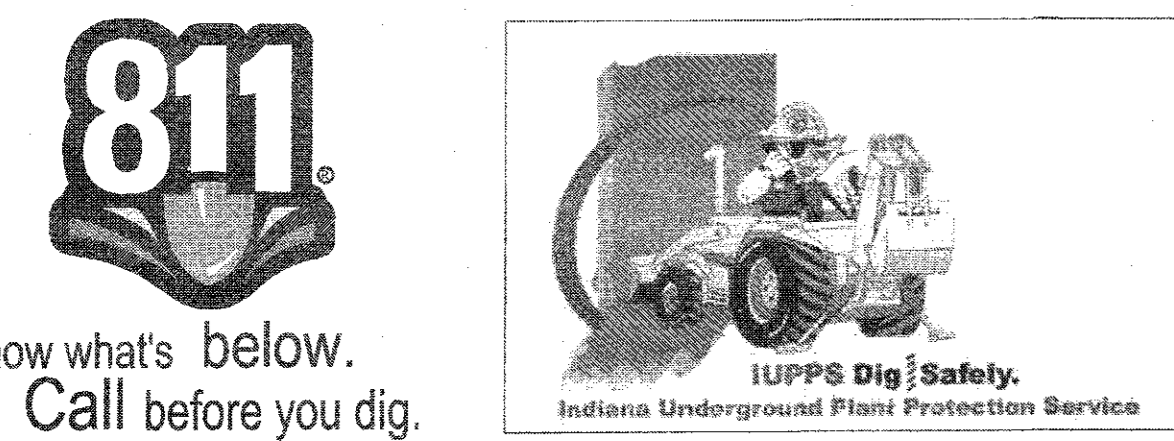
GRANULAR BACKFILL SHALL BE "B" BORROW (1/2" NOMINAL SIZE) AS DEFINED BY INDOT

**BUCKEYE NOTE:**  
 CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FEET OF THE CROSSING LOCATION.

**BUCKEYE NOTE:**  
 CONTRACTOR SHALL ENSURE THAT EXCAVATION FOR STRUCTURES #831A & #831B IS SUFFICIENTLY SUPPORTED TO PREVENT THE WITHDRAW OF LATERAL SUPPORT OR CAUSE SUBSIDENCE OF SOIL WITHIN BUCKEYE'S RIGHT OF WAY.



**RECORD DRAWING**



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Entry Date: 2019  
 Entered By: SLM

Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012

DENNIS D. OLMSTEAD  
 REGISTERED  
 No. 900012  
 STATE OF INDIANA  
 LAND SURVEYOR

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**DAVID J. STOEPPELWERTH**  
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 No. 19358  
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 PROFESSIONAL ENGINEER

**SPRINGMILL VILLAS**  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD

**STORM SEWER PLAN & PROFILE**

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH

SHEET NO. **C602**

DATE: 11/1/2019

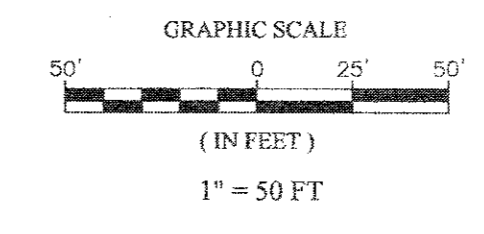
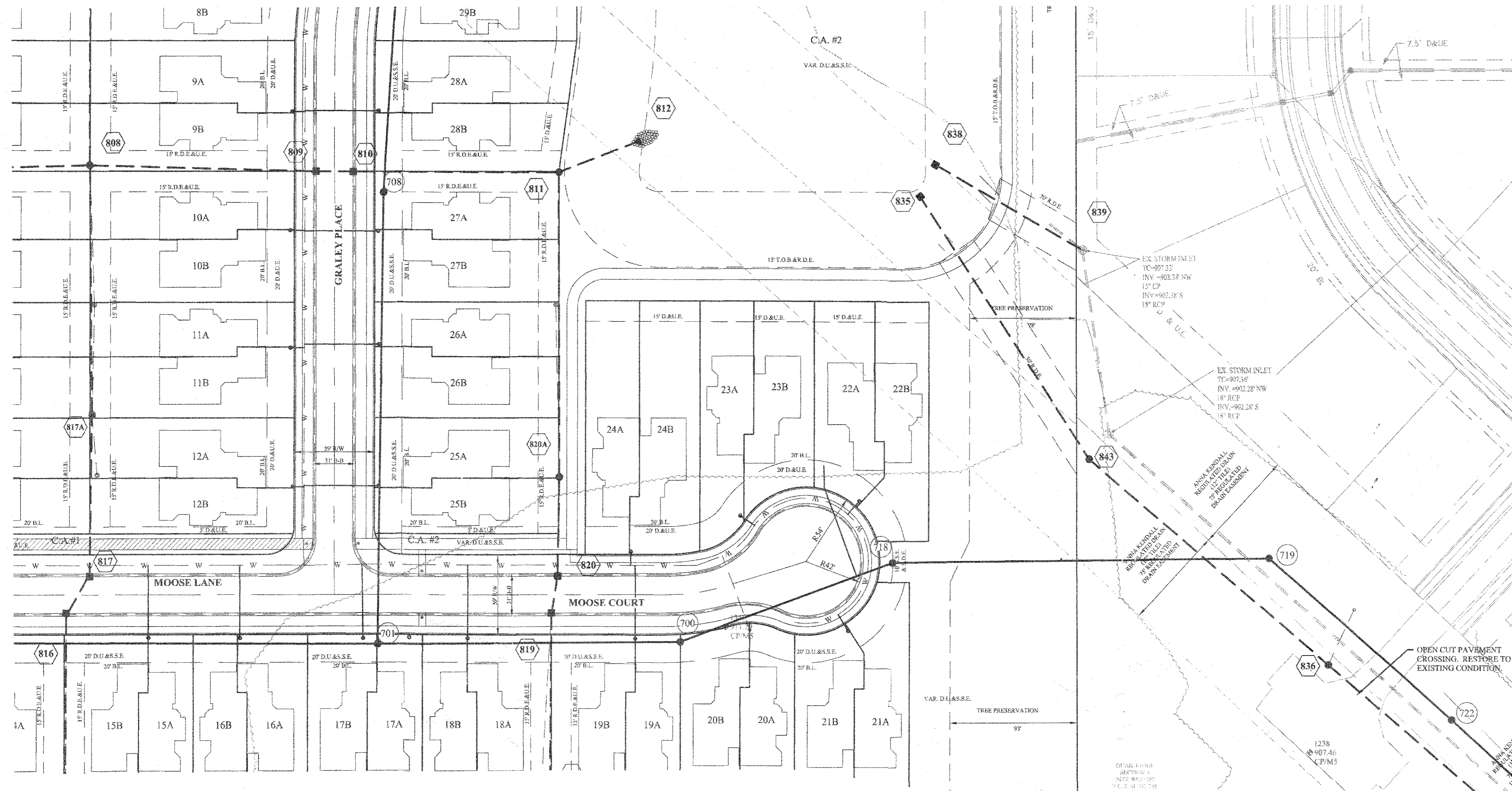
REVISIONS:

NO.	DATE	MARK	BY
AS BUILT			
REVISED PER STORM CHANGES			
REVISED PER STORM LOCATION			
REVISED PER SANITARY LOCATION			
REVISED PER STORM PROFILE			
REVISED PER CITIZENS COMMENTS			
REVISED PER TAC COMMENTS			

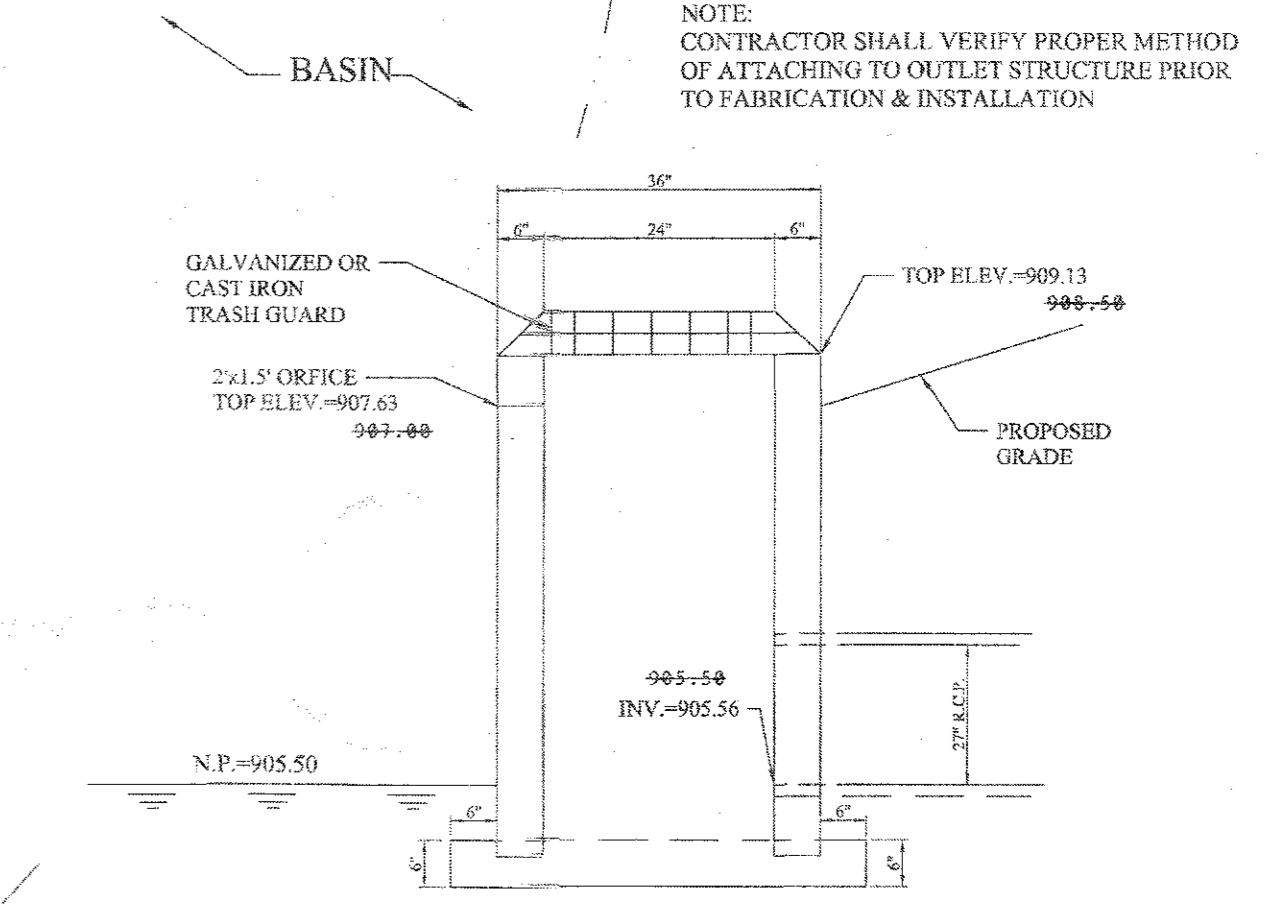
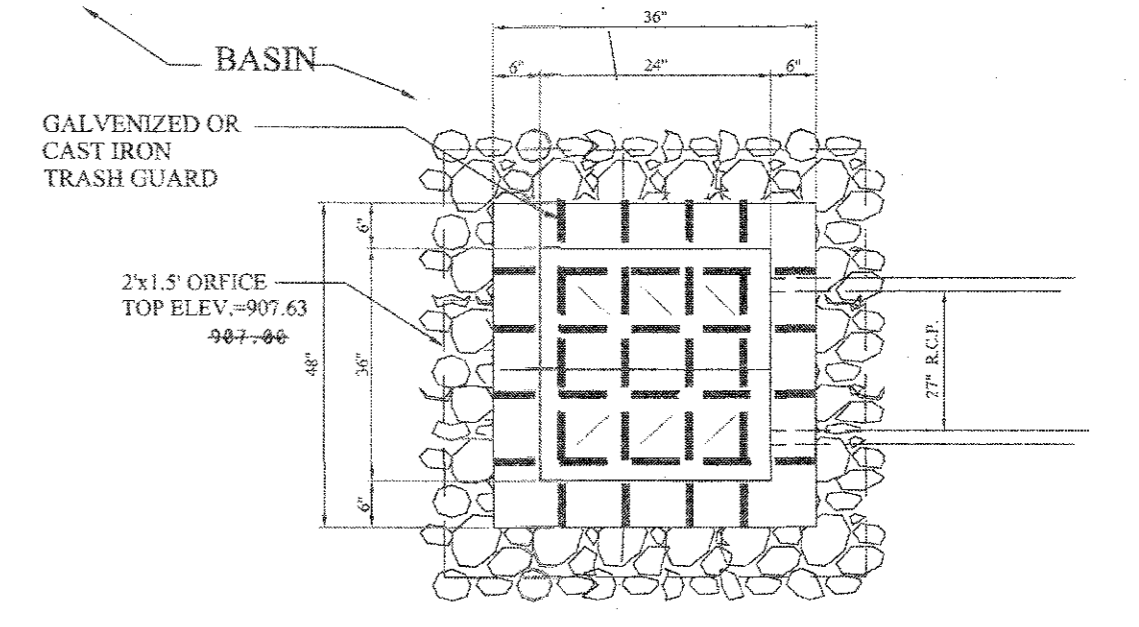






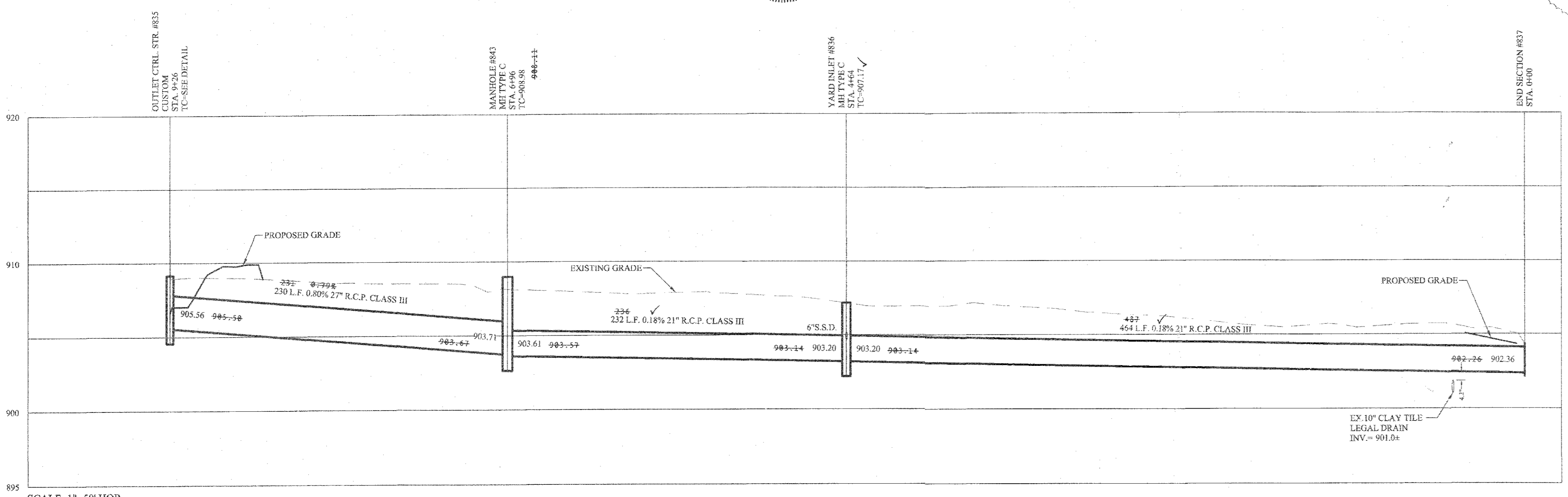


- LEGEND**
- EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - PROPOSED SANITARY SEWER
  - PROPOSED STORM SEWER
  - PROPOSED WATER LINE
- DENOTES FULL DEPTH COMPACTED GRANULAR BACKFILL
- GRANULAR BACKFILL SHALL BE "B" BORROW (1/2" NOMINAL SIZE) AS DEFINED BY INDOT



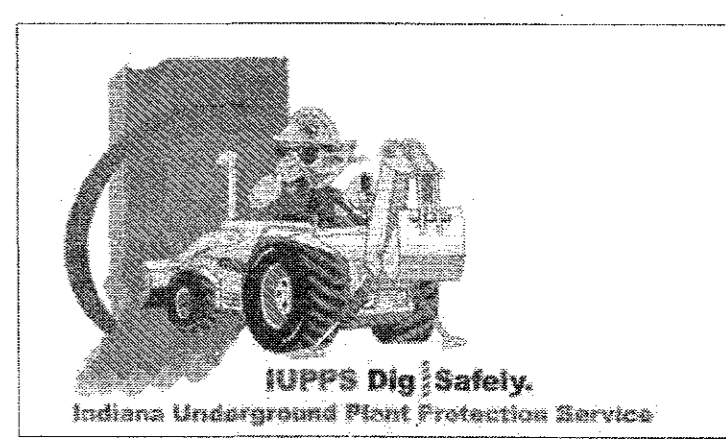
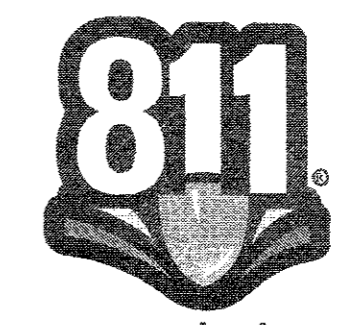
# RECORD DRAWING

*D.D.O.*  
 Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/1/2019



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Entry Date: 2017  
 Entered By: SIM



LOA	AS BUILTS	08/19/19	DATE	MORE	BY
ADD	REVISED PER STORM	08/25/18	DATE	MORE	BY
ISSN	REVISED PER STORM CHANGES	06/23/18	DATE	MORE	BY
NCL	REVISED PER CITIZENS COMMENTS	07/27/18	DATE	MORE	BY
AUG	REVISED PER ITC COMMENTS	07/02/18	DATE	MORE	BY

**DAVID J. STOEPPELWERTH**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
 STATE OF INDIANA  
 CERTIFIED: 05/02/18  
*David J. Stoepfelwerth*

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY. A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

**STOEPPELWERTH**  
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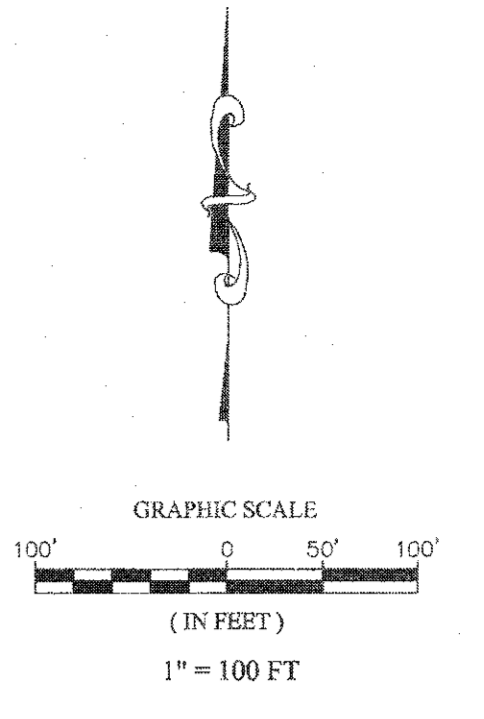
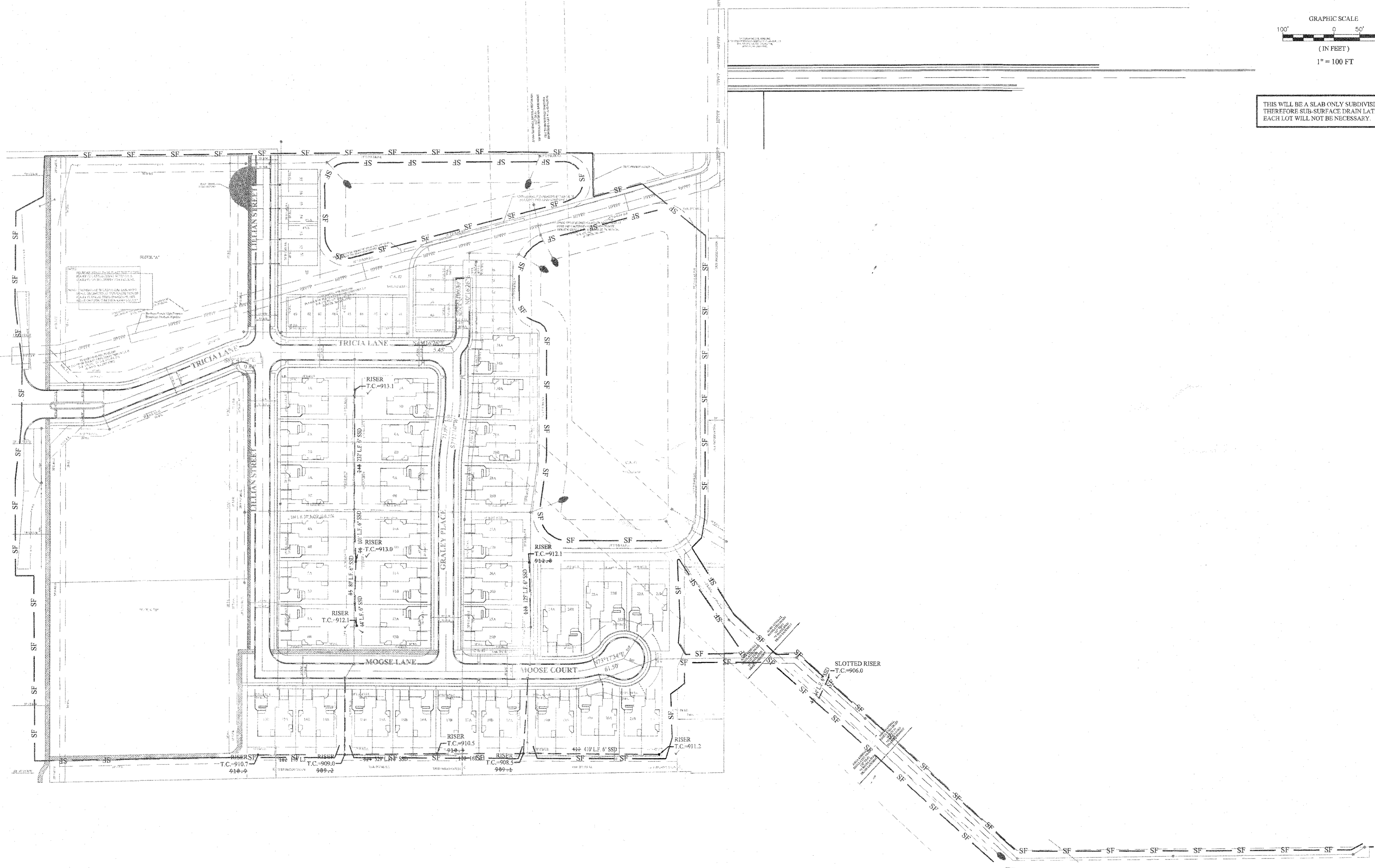
**STORM SEWER PLAN & PROFILE**  
 SPRINGMILL VILLAS  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH  
 SHEET NO. C604  
 S4.4.000 NO. 50690PLA-MF

File Name: S:\50690PLA-MF\DWG\C600 - Storm Plan and Profiles.dwg - C604  
 Modified / By: November 1, 2019 1:10:09 PM / Alexander  
 Plotted / By: November 1, 2019 1:50:20 PM / Leroy Alexander



File Name: S:\50690PLA-MFDWG\C605 - Sub-Surface Plan.dwg - C605  
 Modified / By: November 1, 2019 1:08:37 PM / lalexander  
 Plotted / By: November 1, 2019 1:50:46 PM / Leroy Alexander



THIS WILL BE A SLAB ONLY SUBDIVISION AND THEREFORE SUB-SURFACE DRAIN LATERALS TO EACH LOT WILL NOT BE NECESSARY.

DATE	MARK	REVISIONS
08/19/19		AS BUILT'S
08/25/19		ADDED SSD TO OPPOSITE STORM
07/27/18		REVISED PER CITIZEN'S COMMENTS
07/02/18		REVISED PER T.I.C. COMMENTS

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEY FOR LOCATION REPORT.  
 CERTIFIED: 05/02/18  
*David J. Stoeppelwerth*  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
 STATE OF INDIANA

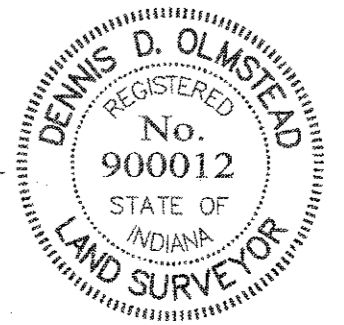
**STOEPPELWERTH**  
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 7965 East 100th Street, Fishers, IN 46038-2505  
 phone: 317.849.2525 fax: 317.849.5942

**SUB-SURFACE DRAIN PLAN**  
**SPRINGMILL VILLAS**  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD

DRAWN BY: JSM/ADG CHECKED BY: BAH  
 SHEET NO. **C605**  
 S.E.A. JOB NO. 50690PLA-MF

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 Entry Date: 2019  
 Entered By: SLM

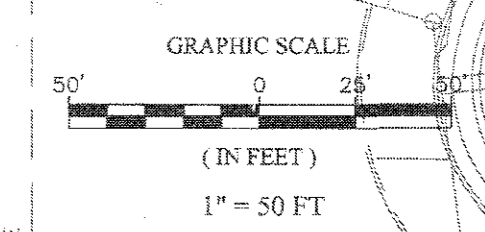
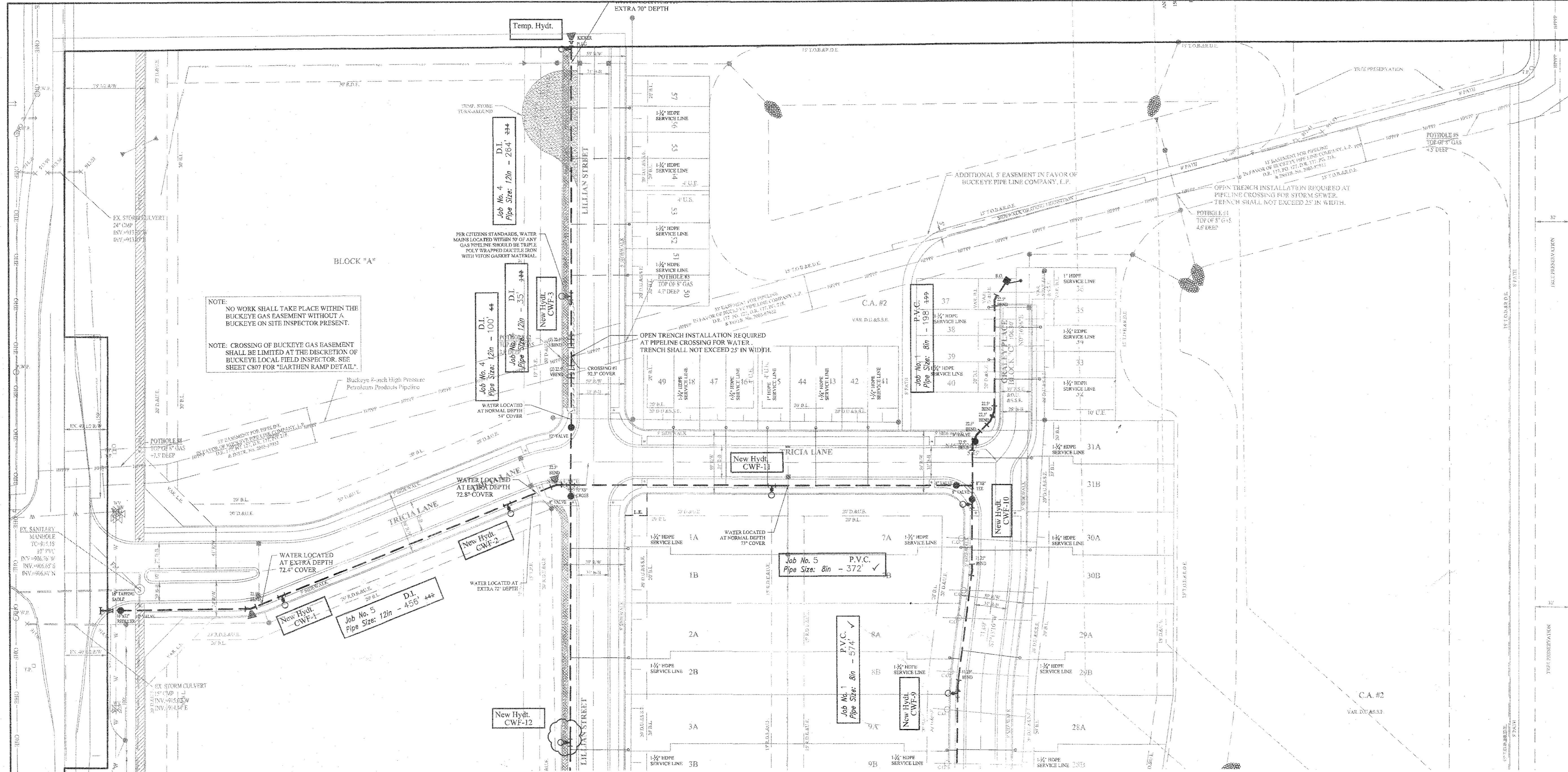
*DDC*  
 Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/1/2019



**RECORD DRAWING**



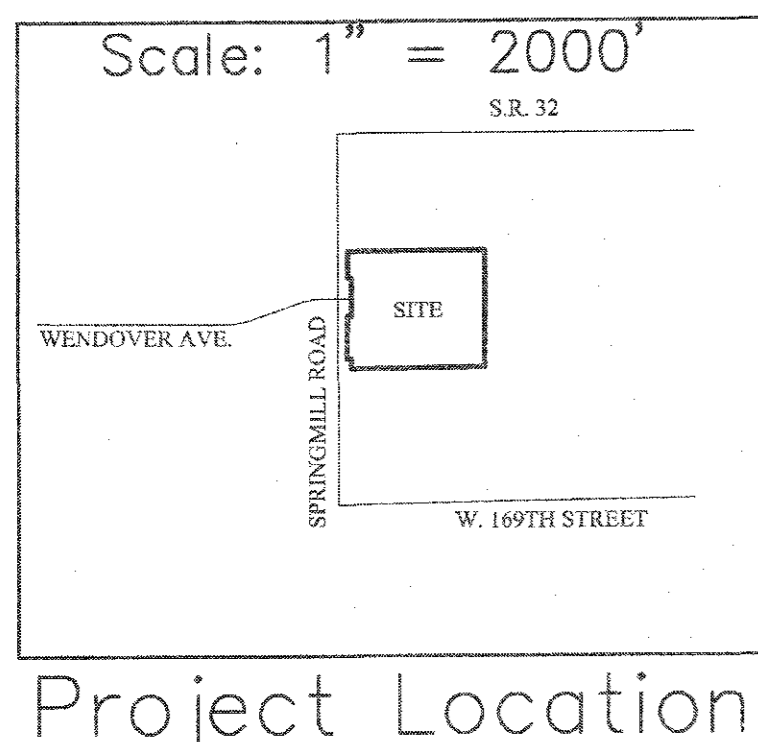
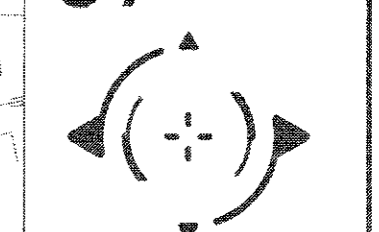
File Name: S:\50690PLA-MFDWG\C700 - Water Plan.dwg - C700  
 Modified / By: July 12, 2019 3:20:07 PM / alexander  
 Plotted / By: July 12, 2019 3:25:46 PM / Leroy Alexander



DATE	MARK	REVISIONS
07/10/19		WATER AS BUILTS
07/12/18		REVISED PER CITIZENS COMMENTS
07/02/18		REVISED PER TAC COMMENTS

DAVID J. STOEPPELWERTH  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
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 CERTIFIED: 05/02/18  
 David J. Stoepfelwerth

**STOEPPELWERTH**  
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 7965 East 10th Street, Fishers, IN 46038-2505  
 phone 317.849.9995 fax 317.849.5942



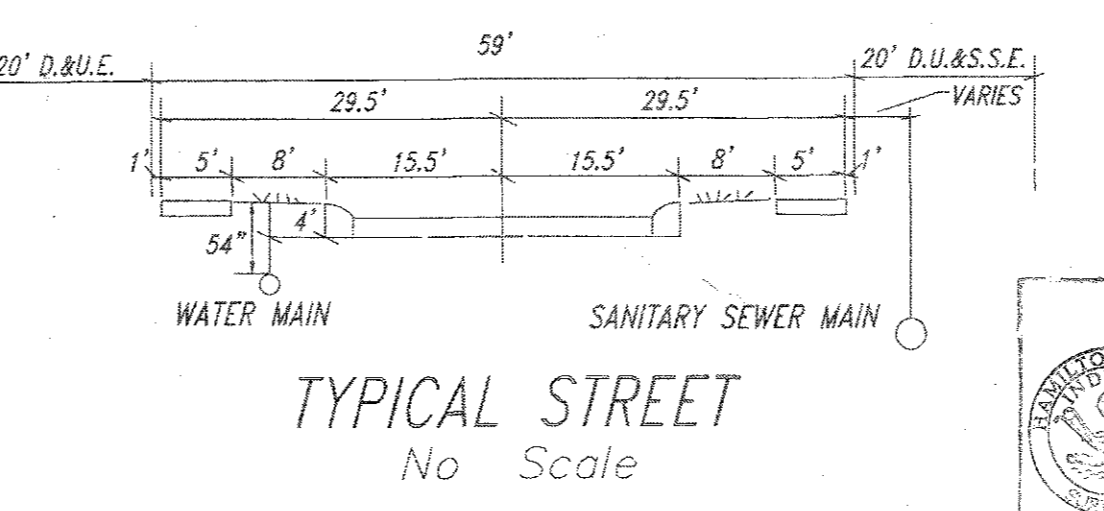
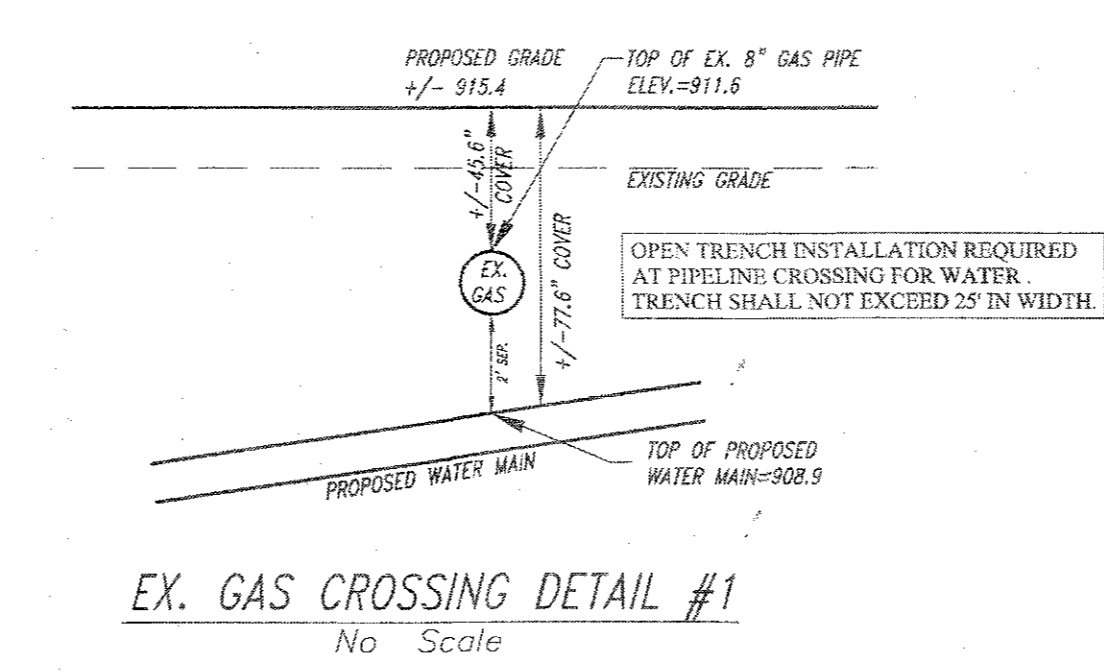
**LEGEND**

—	Existing Water Main
- - -	Proposed Water Main
⊕	Telephone Pole
⊠	Gas Gate
⊞	Inlet
⊙	Tree
⊕	Gas Valve
⊞	Parcel Id
⊠	Adapter
⊞	Bend
⊞	Kicker Block
⊕	Hydrant
⊕	Hydrant with Hydrant Valve
⊕	Butterfly Valve
⊕	Valve
⊕	Blowoff Assembly
⊕	Air Relief Valve
⊕	Plug
⊕	Reducer
⊕	T.J. Tee
⊕	M.J. Sleeve
⊕	Cross
⊕	Casing Pipe
⊕	Gas Lines
⊕	Telephone Lines
⊕	Electric Lines
⊕	METER PIT 1" SINGLE WATER SERVICE LATERAL
⊕	METER PIT 1 1/2" DUAL WATER SERVICE LATERAL

**CITIZENS WATER PROJECT LEGEND**

Project Name: SPRINGMILL VILLAS  
 Project Number: WFJ-18025

JOB #	Street Name	Pipe Size	Pipe Type	Total Pipe
1	GRALEY PLACE	8"	PVC	574' ✓
1	GRALEY PLACE	8"	PVC	198' 1-99'
2	LYNNETTE LANE	8"	PVC	356' 3-63'
3	LYNNETTE CIRCLE	8"	PVC	288' 3-10'
3	LYNNETTE CIRCLE	3"	PVC	250' 2-30'
4	LILLIAN STREET	8"	DI	570' 5-63'
4	LILLIAN STREET	12"	DI	35' 1-00'
4	LILLIAN STREET	12"	DI	100' 6-6'
4	LILLIAN STREET	12"	DI	264' 2-34'
5	TRICIA LANE	12"	DI	456' 4-42'
5	TRICIA LANE	8"	PVC	372' ✓
<b># of Service Lines</b>				<b>TOTAL</b> 3,463' 3-445'
6	SINGLE SERVICE LINE PIPE	1"	HDPE	283' 1-98'
41	DUAL SERVICE LINE PIPE	1 1/2"	HDPE	1,657' 1-6-53'



- NOTES:**
- CONTRACTOR MUST HAVE AND FOLLOW CITIZENS WATER STANDARDS AND SPECIFICATIONS (LATEST VERSION)
  - FOR WATER SPECIFICATIONS, SEE THE MOST RECENT CITIZENS WATER SPECIFICATIONS AND STANDARDS.
  - MINIMUM COVER OVER TOP OF ALL WATER MAINS TO BE 54" FROM FINISH GRADE.
  - FIRE HYDRANTS SHALL HAVE A 5-INCH STORZ'S CONNECTION INSTALL.
  - VALVES TO BE PLACED IN GRASS AREAS.
  - ALL MAIN AND LATERAL CROSSINGS TO BE FULL DEPTH GRANULAR BACKFILL.
  - ALL HYDRANTS TO HAVE 2 COATS YELLOW EPOXY PAINT.
  - STANDARD PRACTICE "O" INSTALLATION OF RESTRAINTS MUST BE FOLLOWED DURING CONSTRUCTION OF WATER MAIN. ANY QUESTIONS, ASK CEG INSPECTOR.
  - THE WATER MAIN MUST MAINTAIN A MINIMUM OF 10 FEET OF SEPARATION WITH THE SEWER MAIN AT ALL TIMES.

**BUCKEYE NOTES:**

NO UTILITY BENDS, ELBOWS, TRANSITIONS OR CONNECTIONS SHALL BE LOCATED WITHIN BUCKEYE'S ROW.

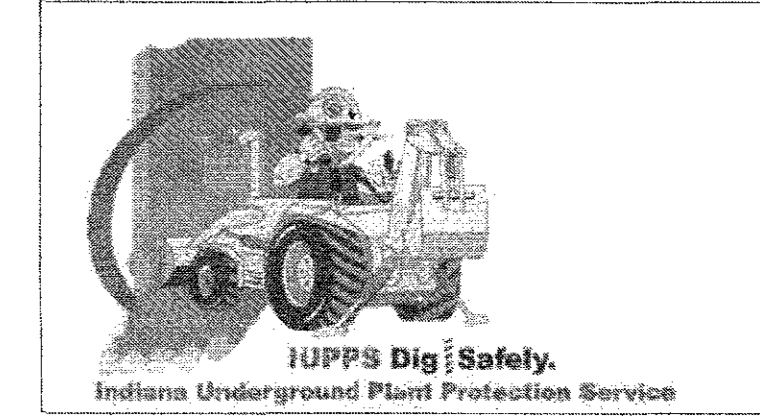
CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FOOT OF THE CROSSING LOCATION.

Project Name: SPRINGMILL VILLAS  
 Project Number: WFJ-18025  
 Dist. Map No.: 4596  
 Meter Map No.:  
 Lots: 88  
 Tax Code: 29014  
 Pressure Dist: WESTFIELD  
 Drafter: STOEPPELWERTH/JAW/BAH  
 Date: 05/02/2018

**RECORD DRAWING**

Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
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 LAND SURVEYOR

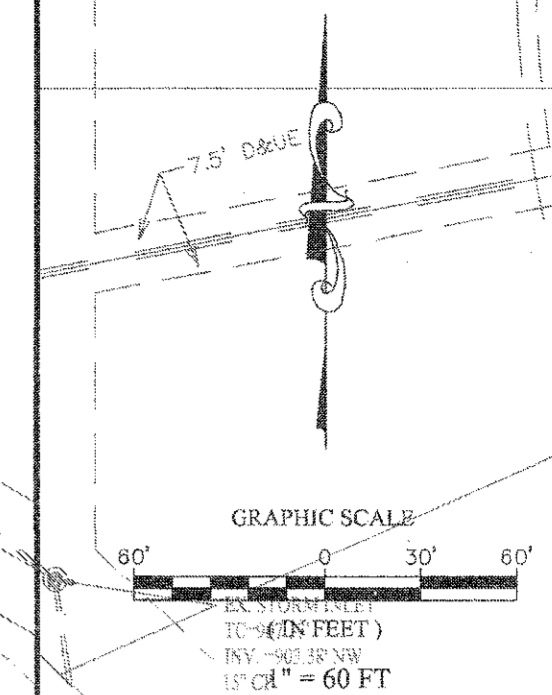
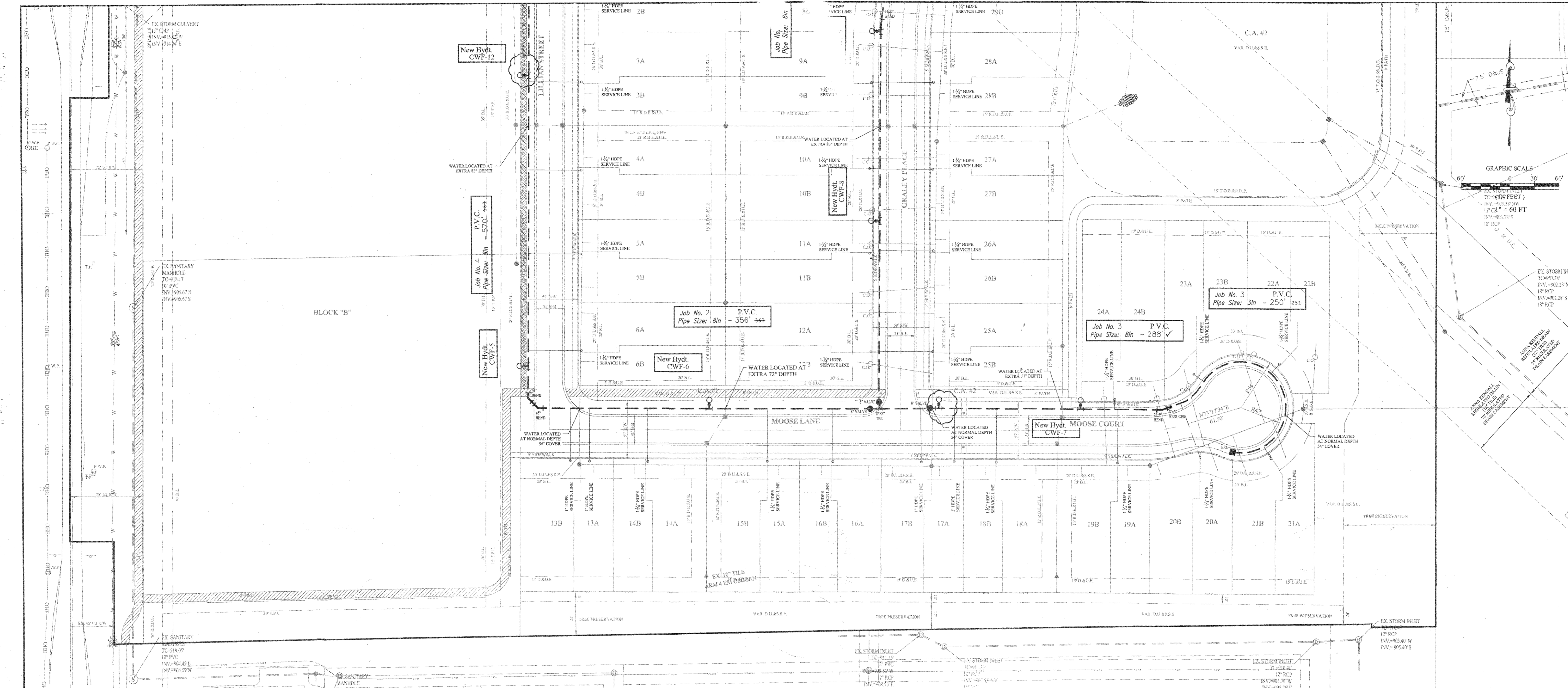
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 Entry Date: 2019  
 Entered By: slm



WATER PLAN  
 SPRINGMILL VILLAS  
 HAMILTON COUNTY, INDIANA  
 WESTFIELD  
 TRAWN BY: ISM/ADG  
 CHECKED BY: BAH  
 SHEET NO.:  
**C700**  
 5 & A JOB NO. 50690PLA-MF



File Name: S:\6090PLA-MF\DWG\C700 - Water Plan.dwg - C701  
 Modified / By: July 12, 2019 4:16:37 PM / Lenny Alexander  
 Plotted / By:



DATE	MARK	REVISIONS
07/12/18	ADG	REVISED PER TAC COMMENTS
07/12/18	NAL	REVISED PER CITIZENS COMMENTS
07/10/19	LDA	WATER AS BUILTS

THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY PURPOSES OTHER THAN THE ORIGINAL BOUNDARY SURVEY ABOUT WHICH IT WAS MADE.  
 ANY REVISIONS TO THIS DRAWING SHALL BE MADE BY THE SURVEYOR OR A SURVEYOR LOCATED IN THE STATE OF INDIANA.  
 CERTIFIED: 05/02/18  
 David J. Stoppelwerth  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 19358  
 STATE OF INDIANA

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HAMILTON COUNTY, INDIANA  
 WESTFIELD

WATER PLAN  
 SPRINGMILL VILLAS

DRAWN BY: JSM/ADG  
 CHECKED BY: BAH  
 SHEET NO. C701  
 8 & A JOB NO. 50690PLA-MF

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# RECORD DRAWING

*D.D.O.*  
 Dennis D. Olmstead  
 Registered Land Surveyor  
 No. 900012  
 11/12/19



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