

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

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

August 3, 2018

To: Hamilton County Drainage Board

Re: Sly Run Drain – Beals and Cox Arm – Northpoint Off-site Reconstruction

Attached is a petition and plans for the proposed relocation and reconstruction of part of the Beals and Cox Arm of the Beals and Cox Drain. The relocation and reconstruction is being proposed by CalAtlantic (Lennar) Homes of Indiana, Inc. Also petitioning are Chris White, the Northpoint Developer, and Alice Drexler and Phyllis Lay. The proposal is to relocate and reconstruct the original tile as an open ditch and RCP, to provide a deeper outlet with more capacity to the watershed area for current and future development.

This line will consist of the following:

1,070 feet of Open Ditch
60 feet of 15" HDPE

145 feet of 27" RCP

The total length of the new pipe and open drain shall be 1,275 feet. The 1,050 feet of the original drain between Sta. 15+70 and Sta. 26+20 of the original 1909 description shall be vacated. This proposal will add a total of 225 feet to the Beals and Cox Arm of the Sly Run Drain's total length.

The open ditch listed above starts at the current terminus of the tile into the headwaters of the open ditch and follow the general location of the tile upstream towards Grassy Branch Road ending at Structure 805. The RCP pipe between Structure 803, 804 and 805 will be from the new headwaters of the open ditch across Grassy Branch Road to the main outlet point for Northpoint Mixed Use Development (formerly Aurora) to the Beals and Cox Arm. The HDPE is the temporary connections of the original tile at Sat. 15+70 back to the open ditch at or near Structure 805 until further reconstruction of the tile takes place with additional development of Northpoint. This is as shown on pages C201, C201A, C203, and C602 of the plans for Coventry Section 1A, by Stoepfelwerth and Associates, Inc., with job number 55285CAL-S1, and dated December 1, 2017.

The cost of the relocation is to be paid by CalAtlantic (Lennar) Homes of Indiana, Inc.

The petitioner has submitted surety as follows:

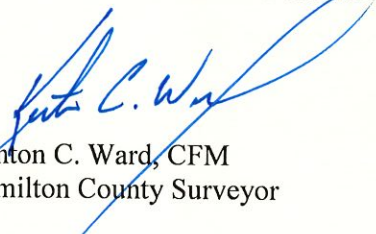
Bonding Company – Hartford Fire Insurance Company
Bond No. – 72BSBH2090
Bond Date – June 4th, 2018
Bond Amount - \$87,837.00

The reconstruction will be located on or affect the regulated drain easement on the following parcels:

Parcel Number	Owner
09-06-19-00-00-004.402	Amazon Westfield, LLC
08-06-17-00-00-007.000	Alice E Drexler and Phyllis Jean Lay
08-06-20-00-00-021.000	DCA Land Indiana, LLC
Grassy Branch Road ROW	City of Westfield
Grassy Branch Road ROW	Hamilton County Highway Department

The easement for this drain shall be set at statutory 75' each way of the top of bank or center line of tile, as described in Indiana Code 36-9-27-33, but can be reduced in the future with platting of the land for development.

I recommend the Board set a hearing for this petition for September 24, 2018.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/plh

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Sly Run Drain, Beals & Cox Arm,
Northpoint Offsite Reconstruction

Station 15+70 to Station 26+20

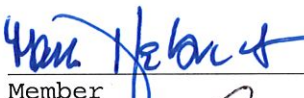
On this 24th day of September, 2018, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Sly Run Drain, Beals & Cox Arm, Northpoint Offsite Reconstruction (Station 15+70 to Station 26+20).

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 Sly Run Drain, Beals & Cox Arm, Northpoint Offsite Reconstruction (Station 15+70 to Station 26+20).

HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Sly Run Drain, Beals & Cox Arm, Northpoint Offsite Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the ***Sly Run Drain, Beals & Cox Arm, Northpoint Offsite Reconstruction*** came before the Hamilton County Drainage Board for hearing ***on September 24, 2018***, 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 ***Sly Run Drain, Beals & Cox Arm, Northpoint Offsite 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

DEC 01 2017

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: Parcel # 08-06-17-00-00-007.000)
Hamilton County, Indiana)

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

Alice E Drexler & Phyllis Jean Lay (hereinafter Petitioner"),

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

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

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

Phyllis Jean Lay
Signed Phyllis Jean Lay

Alice E Drexler
Signed Alice E Drexler

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

FILED

FEB 08 2018

OFFICE OF HAMILTON COUNTY SURVEYOR

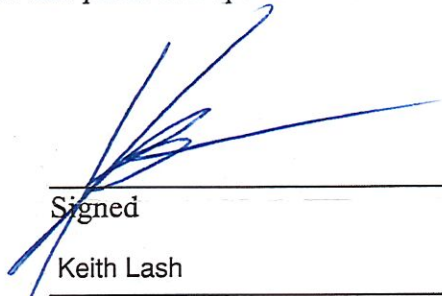
IN RE: Coventry, Section 1A)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

CalAtlantic Homes of Indiana, Inc. (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the Sly Run Regulated Drain, and in support of
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Sly Run Regulated
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 Sly Run Regulated 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 Sly Run Regulated Drain, without cost to other property owners
on the watershed of the Sly Run Regulated Drain.

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



Signed
Keith Lash

Printed

FILED

FEB 08 2018

OFFICE OF HAMILTON COUNTY SURVEYOR

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

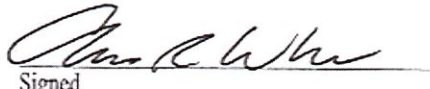
IN RE: Coventry, Section 1A)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

CR White Aurora, LLC (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the Sly Run Regulated Drain, and in support of
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Sly Run Regulated
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 Sly Run Regulated 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 Sly Run Regulated Drain, without cost to other property owners
on the watershed of the Sly Run Regulated Drain.

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



Signed

Chris R. White

Printed

Adobe PDF Filable Form



STOEPPELWERTH
ALWAYS ON

ofc: 317 / 577-3402
mbl: 317 / 577-3402
fax: 317 / 577-3402

7965 East 106th Street
Fishers, IN 46038-2505
www.stoepelwerth.com

Hamilton County Survey Department
1 Hamilton County Square, Suite 188
Noblesville, IN 46060

Attention: Greg Hoyes

May 16, 2018

Re: Coventry Section 1A
Engineer's Estimates

Dear Mr. Hoyes:

On behalf of the developer CalAtlantic Homes, please accept the following Engineer's Estimate for Coventry Section 1A. The estimate is as follows:

Legal Drain Improvements				
Large Manholes	1	EA	3,500.00	\$3,500.00
Outlet Control Structure	1	EA	4,350.00	\$4,350.00
27" RCP	145	LF	50.00	\$7,250.00
27" End Section W/Toe Wall	1	EA	1,750.00	\$1,750.00
Structure Backfill	400	TON	20.00	\$8,000.00
Road Crossing	1	EA	13,900.00	\$13,900.00
Pothole	1	EA	1,191.00	\$1,191.00
Abandon Culvert	2	EA	800.00	\$1,600.00
Excavation & Grading-Legal Drain	8250	CY	2.75	\$22,687.50
Permanent Seeding w/S150 Blanket	5700	SY	1.17	\$6,669.00
Silt Fence	2300	LF	2300	\$2,300.00
			Total	\$73,197.50

If you have any questions regarding these estimates, please contact Brett A. Huff at (317) 570-4841.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.

David J. Stoepelwerth, P.E.
Professional Engineer
No. 19358

Cc: Stu Huckleberry
BAH/blb

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LAND DEVELOPMENT SUPPORT SOLUTIONS

ENGINEERING | SURVEYING

FILED

JUN 06 2018

SUBDIVISION BOND



OFFICE OF HAMILTON COUNTY SURVEYOR

Bond No.: 72BSBHX2090

Principal Amount: \$87,837.00

HC PB-2018-00018

KNOW ALL MEN BY THESE PRESENTS, that we, CalAtlantic Homes of Indiana, Inc., 9025 N. River Rd., Indianapolis, IN 46240, as Principal, and Hartford Fire Insurance Company, One Hartford Plaza, Hartford, CT 06155, a Connecticut Corporation, as Surety, are held and firmly bound onto Hamilton County Board of Commissioners, 1 Hamilton Square, Suite 188, Noblesville, IN 46060, as Obligee, in the penal sum of Eighty seven thousand eight hundred thirty seven and 00/100 Dollars (\$87,837.00), lawful money of the United States of America, for the payment of which will and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, CalAtlantic Homes of Indiana, Inc., has agreed to construct in Coventry Section 1A, Subdivision, in Hamilton County, Indiana, the following improvements:

Legal Drain Improvements

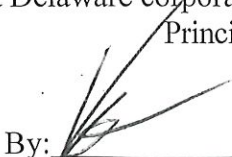
NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvement herein described, and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void, otherwise to remain in full force and effect until released by the Obligee, and the Surety, upon receipt of a resolution of the Obligee indicating that the improvements have not been installed or completed per the requirement of the Obligee, will complete the improvements or pay to the Obligee such amount up to the Principal amount of this bond which will allow the Obligee to complete the improvements.

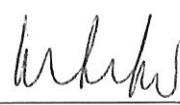
Upon approval by the Obligee, this instrument may be proportionately reduced as the public improvements are completed, but only by doing a rider to this original bond.

Signed, sealed and dated, this 4th day of June, 2018.

CalAtlantic Homes of Indiana, Inc.,
a Delaware corporation
Principal

Hartford Fire Insurance Company
Surety

By: 

By: 

Name and Title: KEITH COX, VP

Name and Title: Mechelle Larkin, Attorney-in-Fact

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

*Sly Run Drain, Beals & Cox Arm
Northpoint Offsite 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 **Sly Run Drain, Beals & Cox Arm, Northpoint Offsite Reconstruction on September 24, 2018 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 Sly Run Drain, Beals & Cox Arm, Northpoint
Offsite Reconstruction

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **September 24, 2018** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

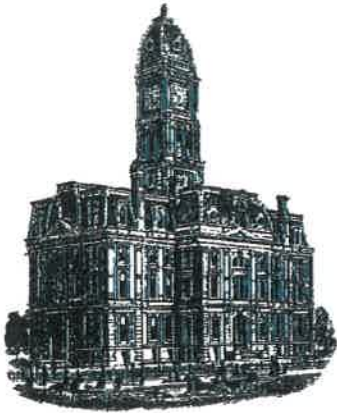
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

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

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

August 15, 2022

Re: Sly Run Drain: Beals and Cox Drain – Northpoint Off-site Reconstruction

Attached are as-built and other information for Northpointe Off-site 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 August 3, 2018. The report was approved by the Board at the hearing held September 24, 2018. (See Drainage Board Minutes Book 18, Pages 245-247) The changes are as follows: the open ditch was shortened from 1070 feet to 1030 feet. The 15" HDPE was lengthened from 60 feet to 62 feet. The 27" RCP was lengthened from 145 feet to 147 feet. The length of the drain due to the changes described above is now **1277 feet**. It should be noted that the original tile was left in place between Station 16+00 to 17+30. The 15" tile was removed from station 17+30 to station 26+20.

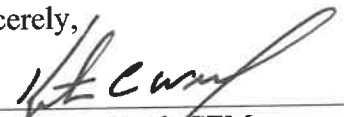
A non-enforcement was not requested for this reconstruction. Per the original surveyor's report to the board, outlined above, the easement is to remain the statutory 75' from the top of bank or centerline of the tile until developed.

The following sureties were guaranteed by Hartford Fire Insurance Company and released by the Board on its August 22, 2022, meeting.

Bond-LC No: 72SBHX2090
Amount: \$87,837
For: Storm Sewers & SSD
Issue Date: June 4, 2018

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: Coventry, Section 1A

I hereby certify that:

- 1. I am a Professional Land Surveyor in the State of Indiana.
- 2. I am familiar with the plans and specifications for the above referenced subdivision.
- 3. I have personally supervised the completion of the drainage facilities as-builts for the above referenced subdivision and have given the as-builts my review.
- 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.

Signature:  Date: 10-29-19

Type or Print Name: Dennis D. Olmstead

Business Address: Stoepelwerth & Associates, Inc.
7965 East 106th Street, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

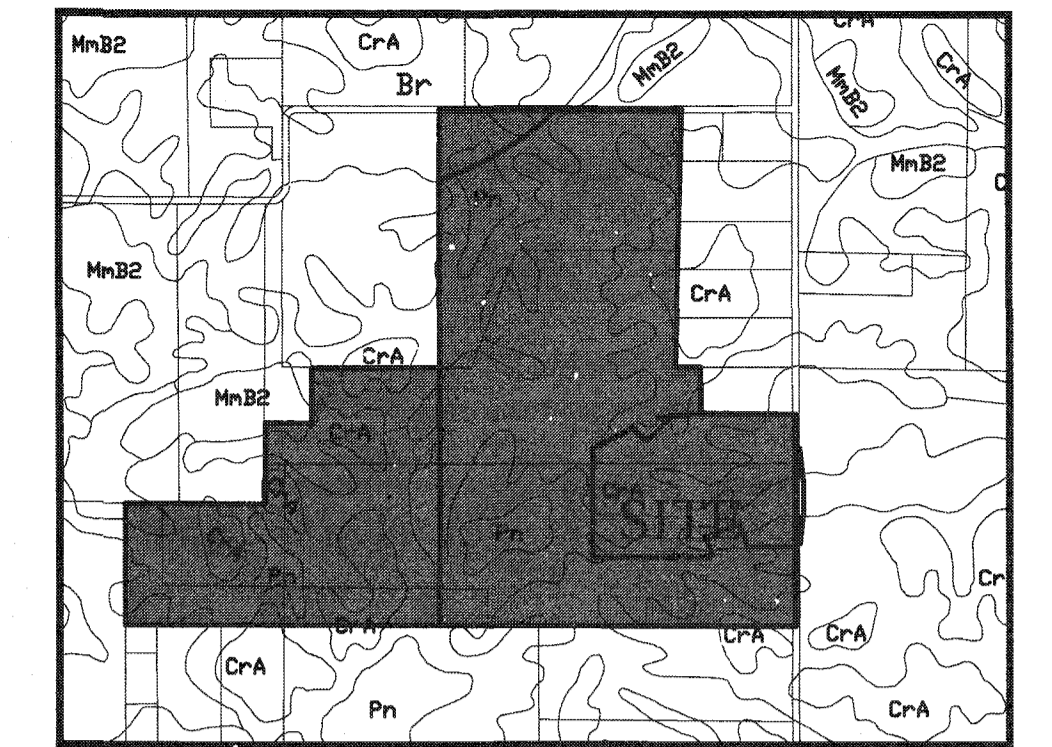
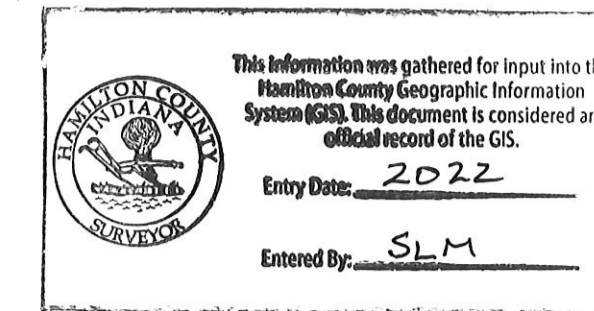
INDIANA REGISTRATION NUMBER

900012



COVENTRY SECTION 1A

Developed by:
 CalAtlantic Homes of Indiana, Inc.
 9025 North River Road, Suite 100
 Indianapolis, Indiana 46240
 Phone: (317) 659-3200
 Contact Person: Keith Lash



LOCATION MAP SCALE: 1"=1000'

Map Unit: Br - Brookston silty clay loam

Br--Brookston silty clay loam
 This poorly drained soil has a seasonal high water table 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 to 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 water table at 0.5 to 2.0 ft. and is on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low to 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: MmB2 - Miami silt loam, 2 to 6 percent slopes, eroded

MmB2--Miami silt loam, 2 to 6 percent slopes, eroded
 This moderately well drained soil has a seasonal high water table at 2.0 to 3.5 ft. and is on sideslopes and rises on uplands. Slopes are 2 to 6 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low organic matter content (1.0 to 2.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is very low (5.9 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and water erosion are management concerns for crop production.

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.

DESIGN DATA

27 LOTS
 129.41 AC.± = 0.21 LOTS/ACRE

TOTAL C.A. 5.38 AC.±
 LAKE AREA 3.85 AC.±
 USABLE OPEN SPACE 1.52 AC.± (28.30%)

BANNERBROOK DRIVE 1,088.76 L.F.
 WILLIENHALL WAY 658.07 L.F.
 ALLESLEY WAY 83.23 L.F.

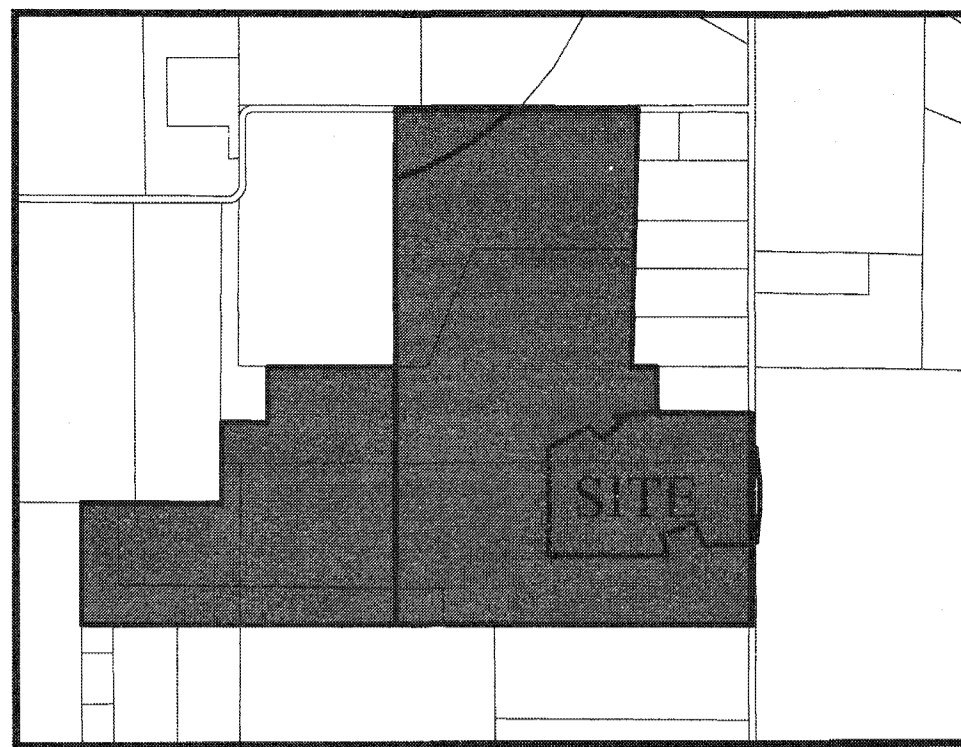
TOTAL 1,830.06 L.F.

DESIGN SPEED LIMIT: 25 M.P.H

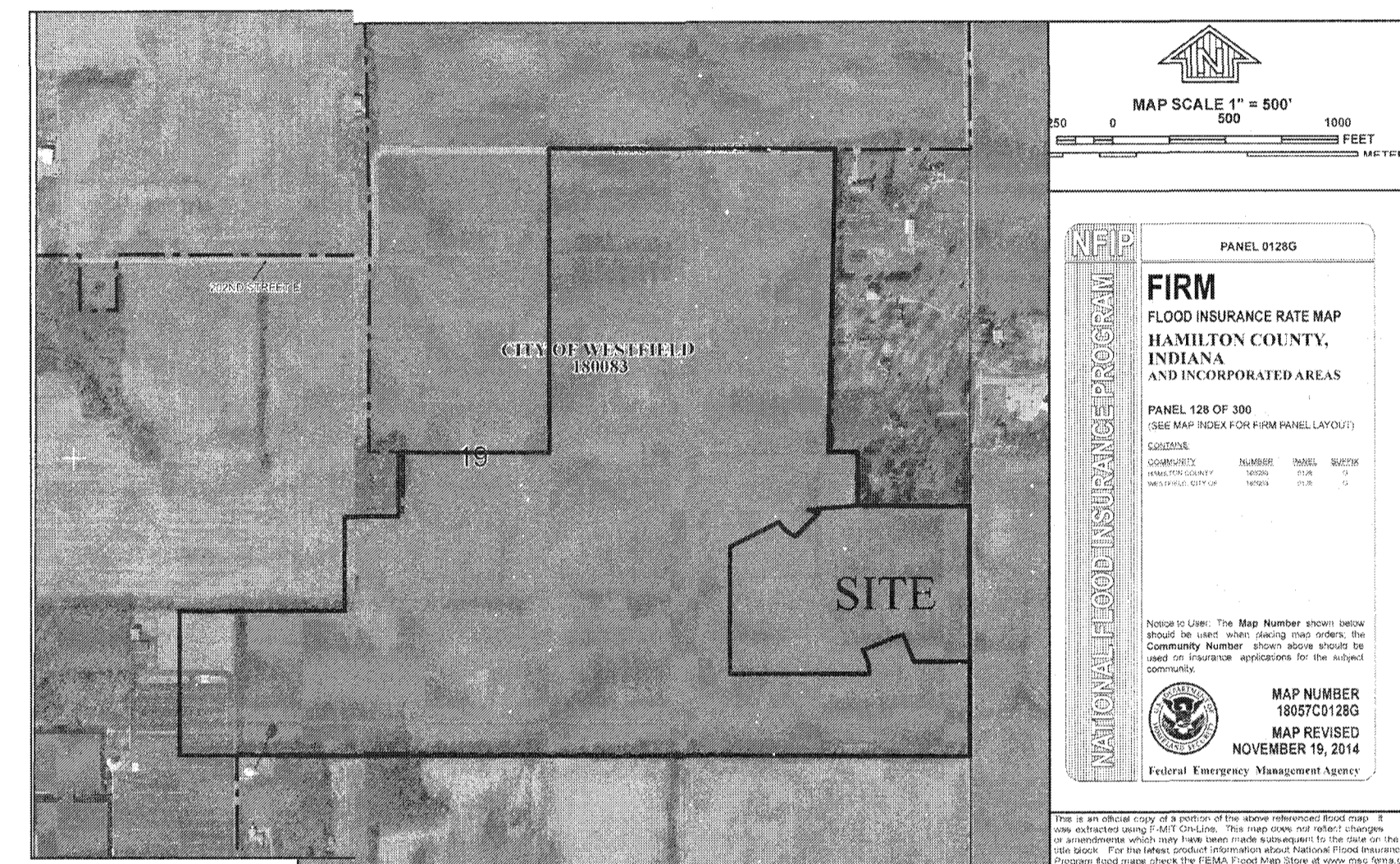
PLANS PREPARED BY:
 STOEPPELWERTH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 7965 E. 106TH STREET, FISHERS, INDIANA 46038
 PHONE: (317)-849-5935
 FAX: (317)-849-5942
 CONTACT PERSON: BRETT HUFF
 EMAIL: bhuff@Stoepfelwerth.com

PLANS CERTIFIED BY:

David J. Stoepfelwerth 12/01/2017
 DAVID J. STOEPPELWERTH
 PROFESSIONAL LAND SURVEYOR
 NO. 19358



LOCATION MAP SCALE: 1"=1000'

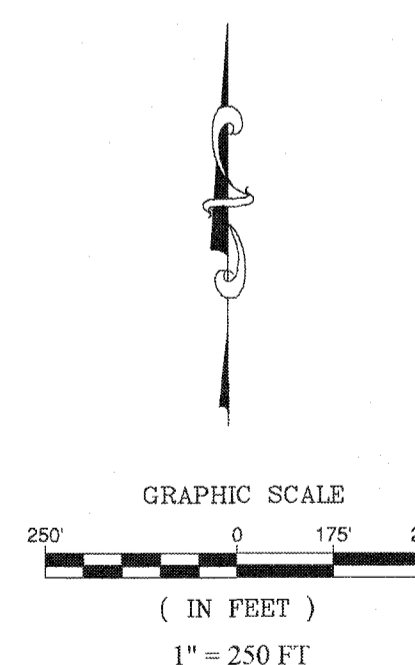
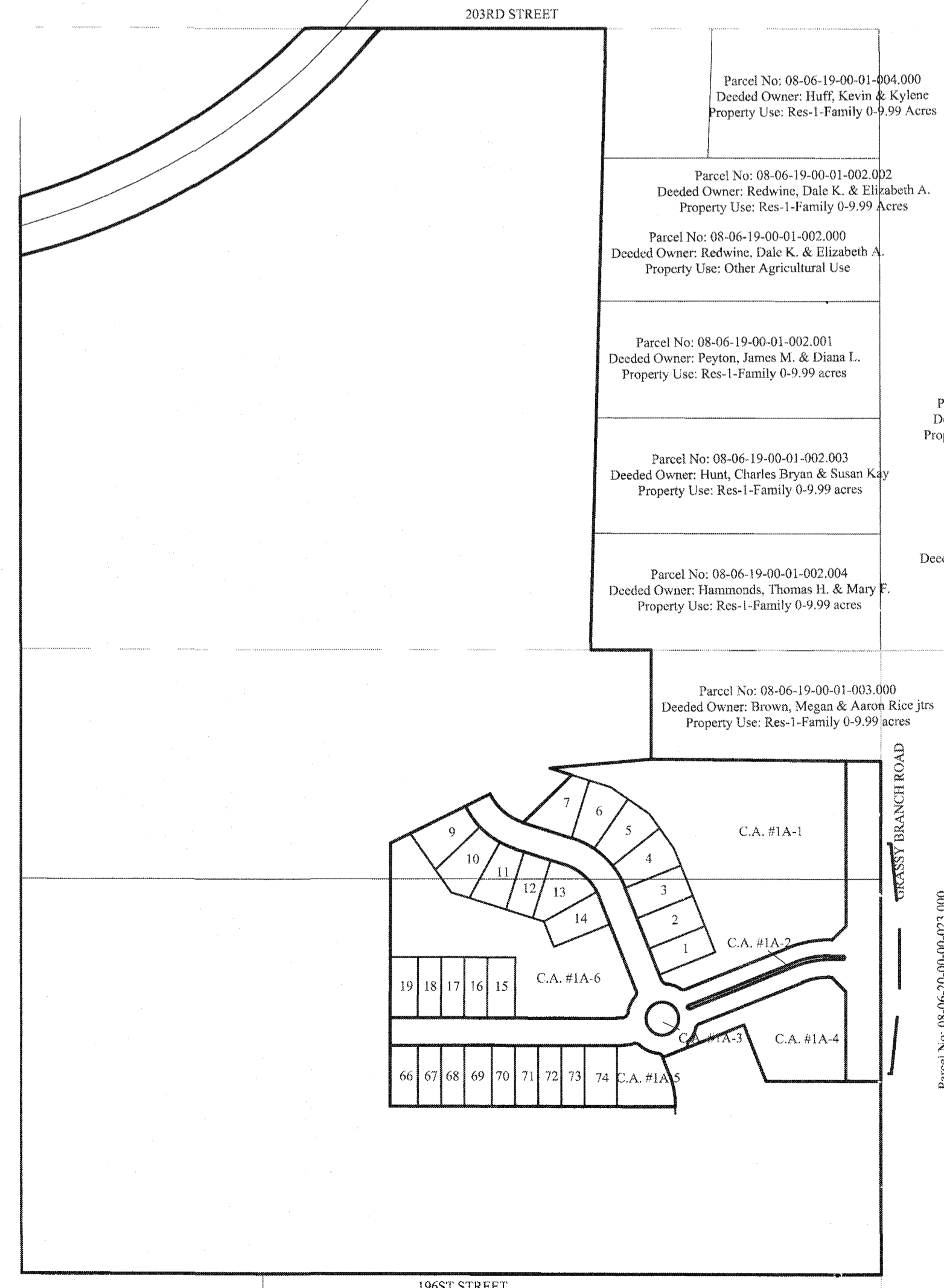


The site does not lie within a floodplain, floodway, or floodway fringe. The information was obtained from Flood Insurance Rate Map Panel 18057C0128 G for Hamilton County, Indiana.

FLOOD MAP N.T.S.

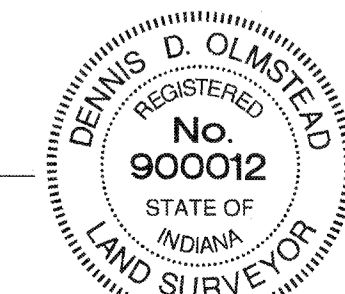
ALL CONTRACTORS SHALL REVIEW CITY OF WESTFIELD STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THIS PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLANS, MAY BE REQUIRED.
<http://www.westfield.in.gov/egov/apps/document/center.egov?view=item;id=50>

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.



RECORD DRAWING

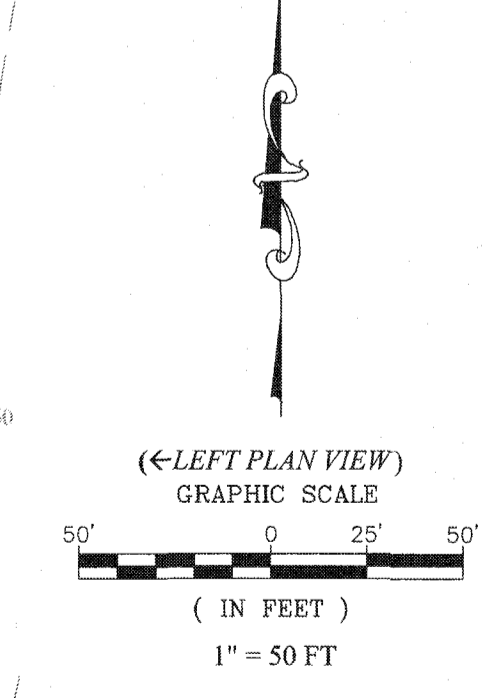
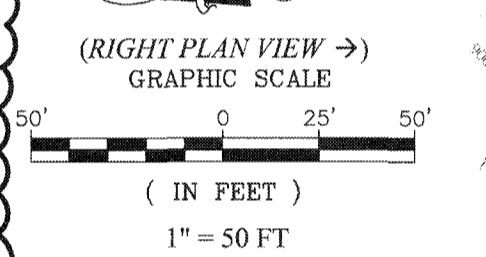
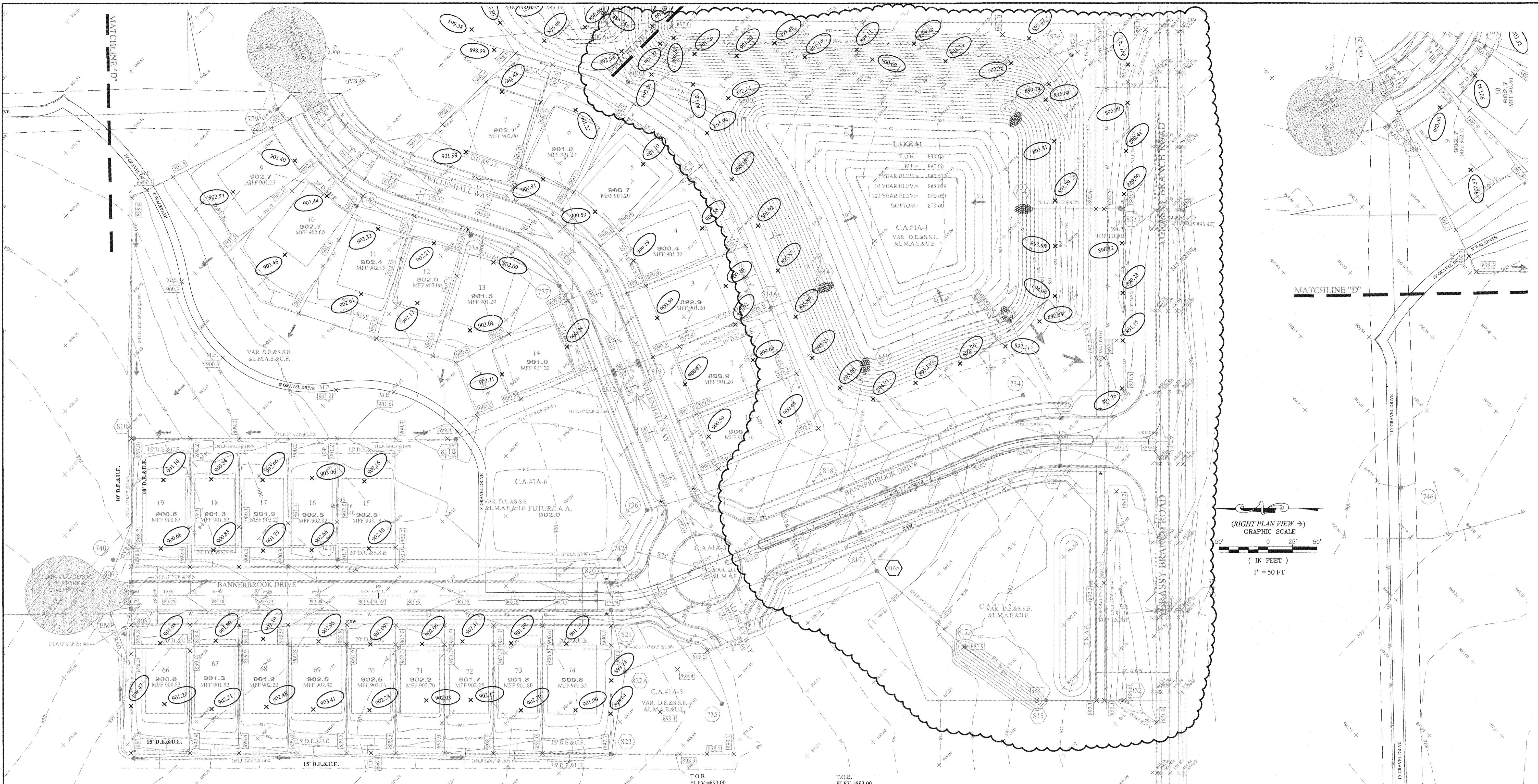
David J. Stoepfelwerth
 Dennis D. Olmstead
 Registered Land Surveyor No. 900012
 10/30/2019



INDEX	
SHT.	DESCRIPTION
C001	COVER SHEET
C100-C101	TOPOGRAPHICAL SURVEY
C200-C203	SITE DEVELOPMENT PLAN SITE PLAN
C300-C308	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-C406	STREET PLAN & PROFILES INTERSECTION DETAILS TRAFFIC CONTROL PLAN
C500-C502	SANITARY SEWER PLAN & PROFILE UNSEWERED SANITARY EXHIBIT
C600-C605	STORM SEWER PLAN & PROFILES SUB-SURFACE DRAIN PLAN
C700-C702	WATER PLAN WATER DETAILS
C800-C806	CONSTRUCTION DETAILS SANITARY STORM STREET
L1.0-L1.1	LANDSCAPE PLANS

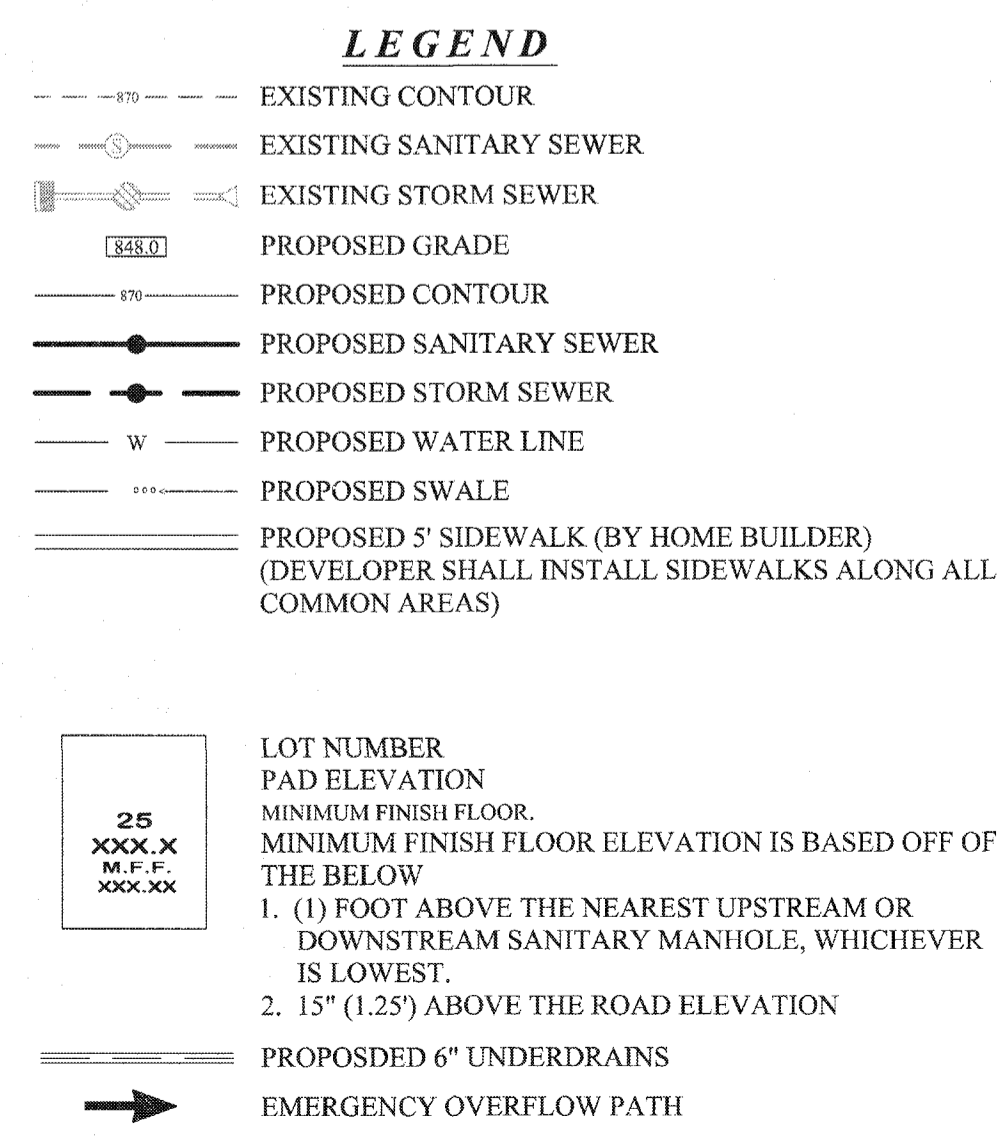
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SHT.	DESCRIPTION
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ALL	REVISED CONSTRUCTION PLANS - KJMM - 3/13/18
ALL	REVISED ENTRANCE & ADDED STM #835-836 - KJMM - 8/07/18
ALL	REVISED LOT NUMBERS - KJMM - 8/29/19
ALL	AS BUILTS

File Name: S:\5285CAL-S\ADWG\C001-Cover Sheet.dwg - C001
 October 29, 2019 4:36:10 PM / Iskander
 October 30, 2019 3:38:25 PM / Raven Morris



GENERAL NOTES:

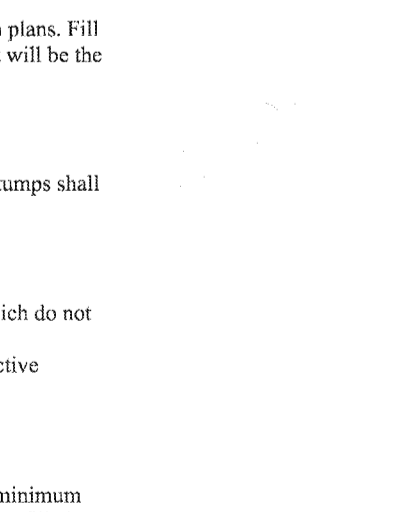
- ALL SSD (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
- ALL EXISTING OFF-SITE DRAIN TILES THAT ARE ENCOUNTERED SHALL BE TIED INTO THE PROPOSED STORM SEWER SYSTEM WITH A POSITIVE OUTFLOW. ANY TILE THAT IS ENCOUNTERED THAT IS COMPLETELY ON-SITE MUST BE CRUSHED 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 TELEVIEWED 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.



EARTHWORK:

- EXCAVATION**
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
- REMOVAL OF TREES**
 - All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
- PROTECTION OF TREES**
 - The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
- REMOVAL OF TOPSOIL**
 - All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
- UTILITIES**
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-362-5544 within Indiana or 1-800-428-5200 outside Indiana.
- SITE GRADING**
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.05 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

CROSS SECTION SPILLWAY LAKE #1 "S1" "S1" NOT-TO-SCALE



- B.L. BUILDING LINE
- D.E. DRAINAGE EASEMENT
- C.A. COMMON AREA
- D.&U.E. DRAINAGE & UTILITY EASEMENT
- D.U.&S.S.E. DRAINAGE UTILITY & SANITARY SEWER EASEMENT
- N.A.E. NON ACCESS EASEMENT
- D.U.&L.E. DRAINAGE UTILITY & LANDSCAPE EASEMENT
- R/W RIGHT OF WAY
- S.S.E. SANITARY SEWER EASEMENT
- S.D.E. SNOW DRAINAGE EASEMENT
- VAR. VARIABLE WIDTH
- P.O.B. POINT OF BEGINNING
- T.O.B. TOP OF BANK
- H.P. HIGH POINT
- L.P. LOW POINT
- GRD. CHG. GRADE CHANGE
- M.E. MATCH EXISTING
- * ADA RAMP (SEE DETAIL SHT. C803)

RECORD DRAWING

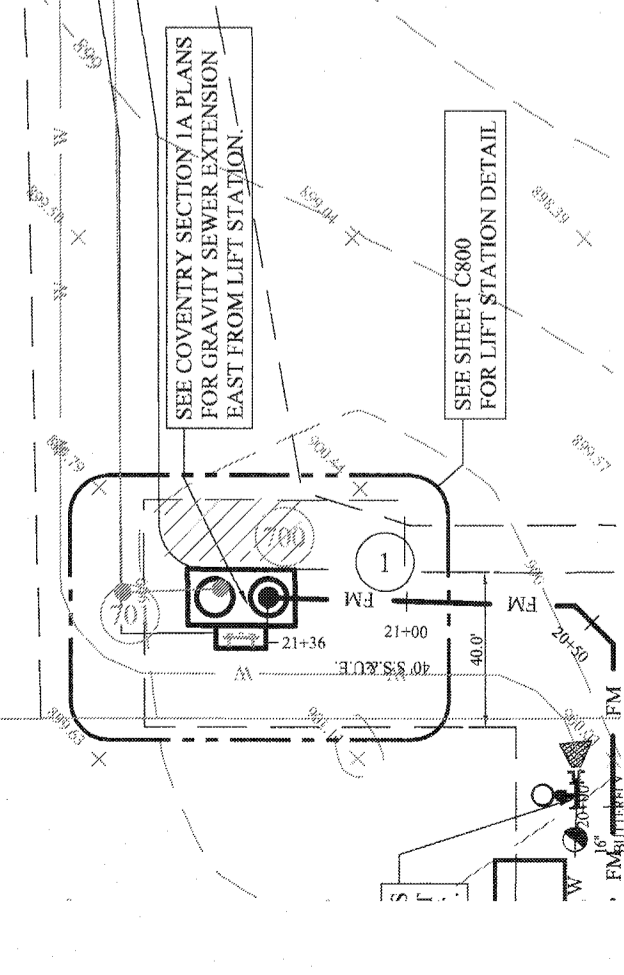
Dennis D. Olmstead
Registered Land Surveyor
No. 900012



10/30/2019

REF. SHT. C201 FOR BENCHMARK INFORMATION

UTILITY CROSSINGS
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.



DIRT AS BUILTS	10/30/19	DATE	MARK	BY
REVISED LOT NUMBERS	20019	REVISED PER CITIZENS COMMENTS		
REVISED ENTRANCE & ADDED STM	20018	REVISED PER CITIZENS COMMENTS		
		REVISED PER CITIZENS COMMENTS		
		REVISED CONSTRUCTION PLANS		
		REVISED PER REVIEW COMMENTS		

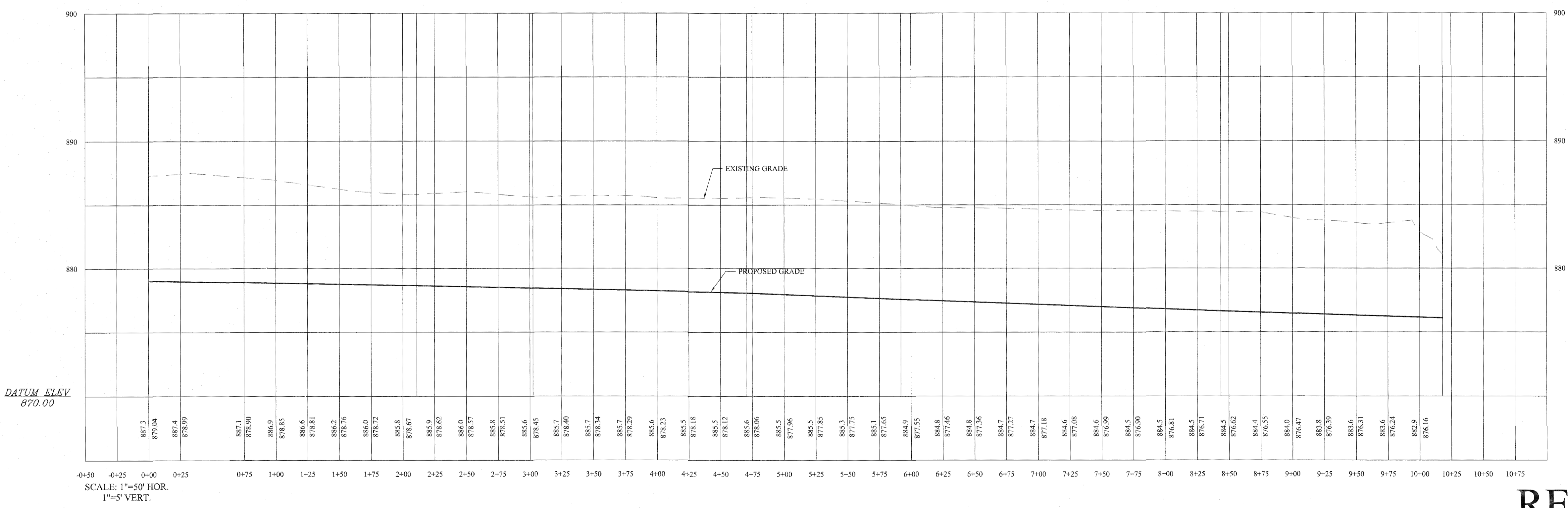
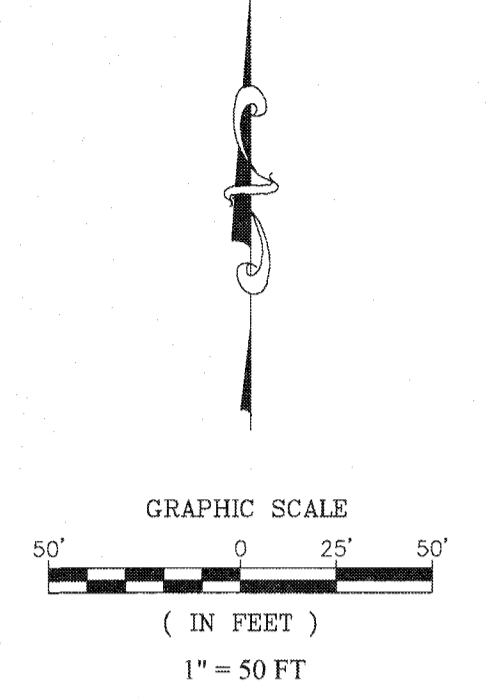
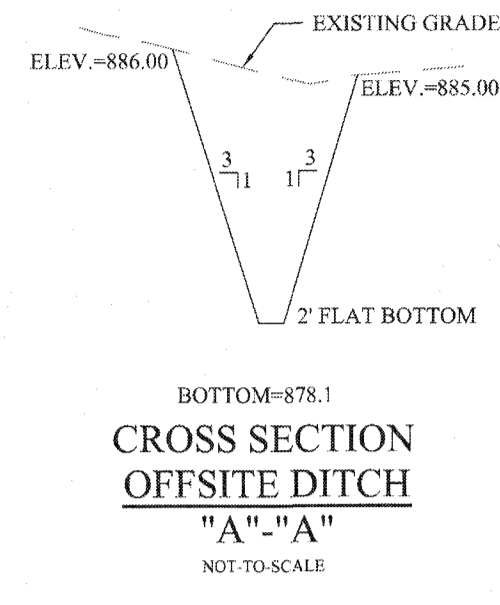
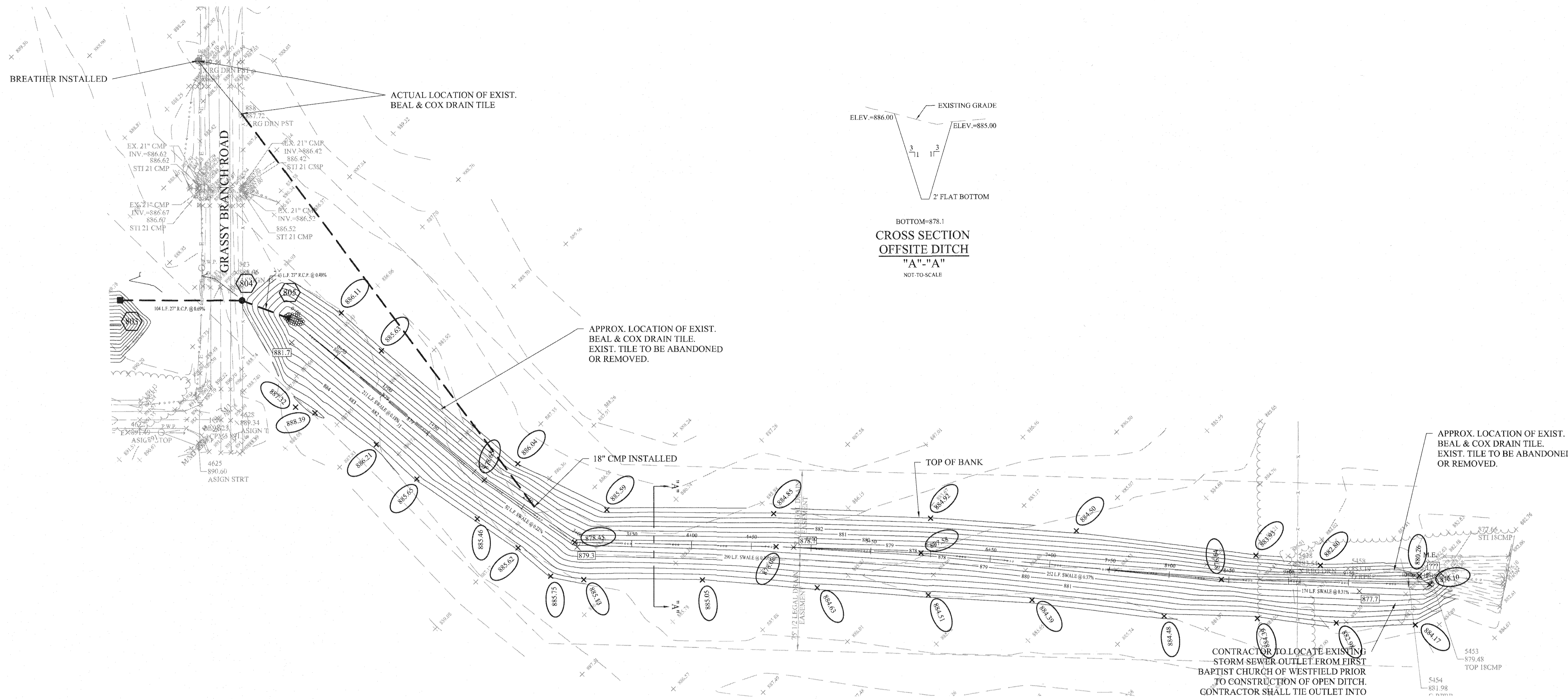
STOEPELWERTH
ALWAYS ON
7965 East 10th Street, Fishers, IN 46038-2505
phone: 317-849-5955 fax: 317-849-5942

CERTIFIED: 12/01/17
David J. Stoepelwerth
REGISTERED PROFESSIONAL ENGINEER
No. 19358
STATE OF INDIANA

SITE DEVELOPMENT PLAN
COVENTRY SECTION IA
HAMILTON COUNTY, INDIANA
WESTFIELD

DRAWN BY: KJMM
CHECKED BY: BAH
SUBMIT NO.
C200
S & A JOB NO.
55285CAL-S1

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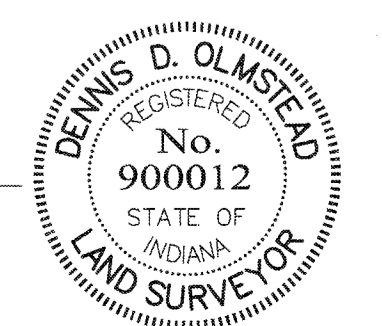


CONTRACTOR TO LOCATE EXISTING STORM SEWER OUTLET FROM FIRST BAPTIST CHURCH OF WESTFIELD PRIOR TO CONSTRUCTION OF OPEN DITCH. CONTRACTOR SHALL TIE OUTLET INTO

OFFSITE DITCH

RECORD DRAWING

Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 2/7/2020



AS BUILTS	REVISIONS	DATE	MARK
10/26/20	REVISED LOT NUMBERS	10/26/20	
2/27/19	REVISED ENTRANCE & ADDED STM 883 & 886	2/27/19	
	REVISED PER CITIZENS COMMENTS	2/11/18	
	REVISED PER CITIZENS COMMENTS	3/11/18	
	REVISED CONSTRUCTION PLANS	2/5/18	
	REVISED PER REVIEW COMMENTS	2/5/18	
	REVISIONS		

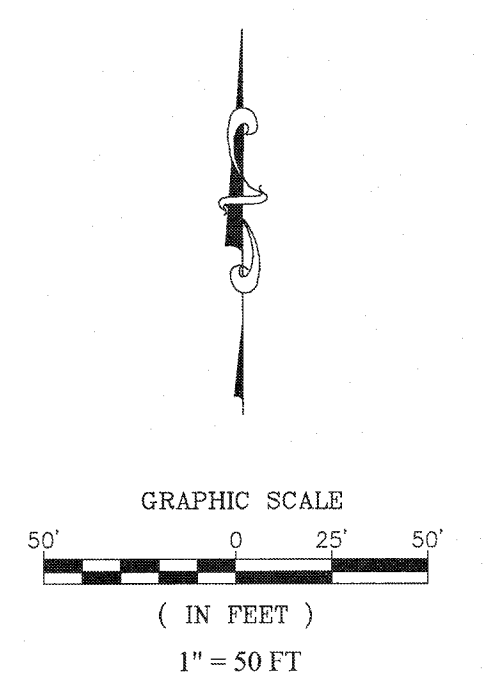
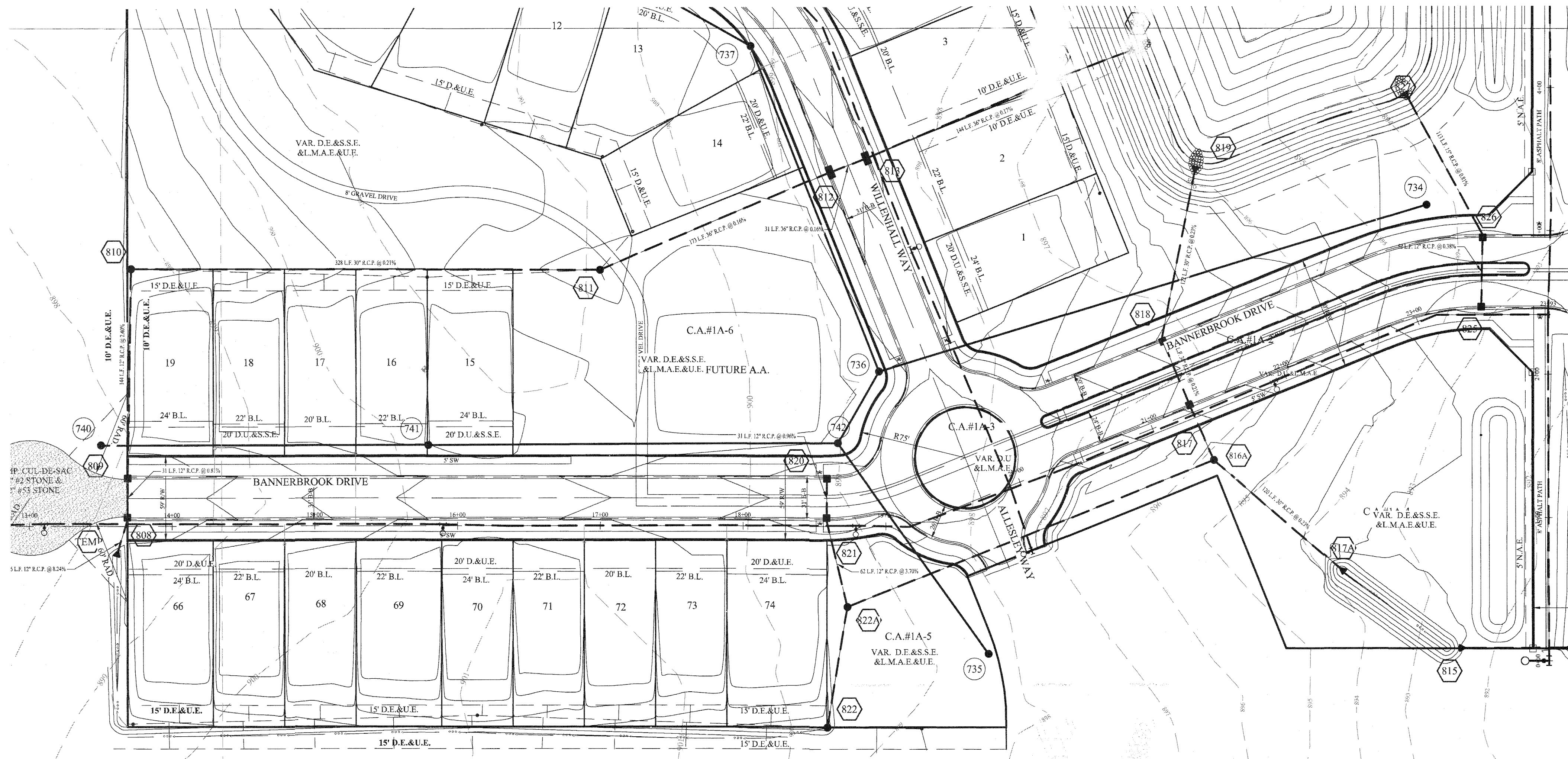
CERTIFIED: 12/01/17

 David J. Stoepfelwirth

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OFFSITE DITCH PLAN & PROFILE
COVENTRY SECTION 1A
 HAMILTON COUNTY, INDIANA
 WESTFIELD

DRAWN BY: KJMM
 CHECKED BY: BAH
 SHEET NO.:
C201A
 S & A JOB NO.:
 55285CAL-S1



- LEGEND**
- EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED WATER LINE
 - DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES:

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.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.

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

ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE.

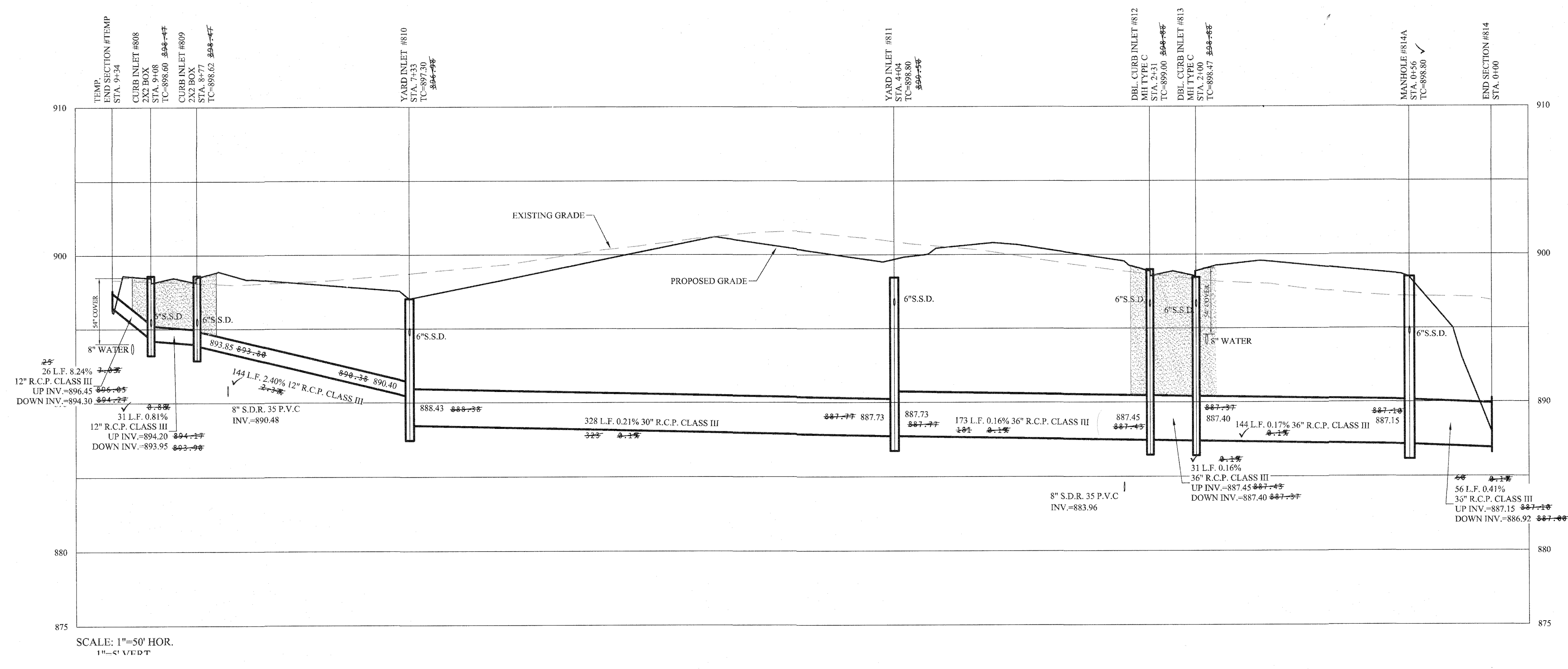
ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.

DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.

ALL STORM/SSD TO BE CLEANED AND TELEVIEWED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.

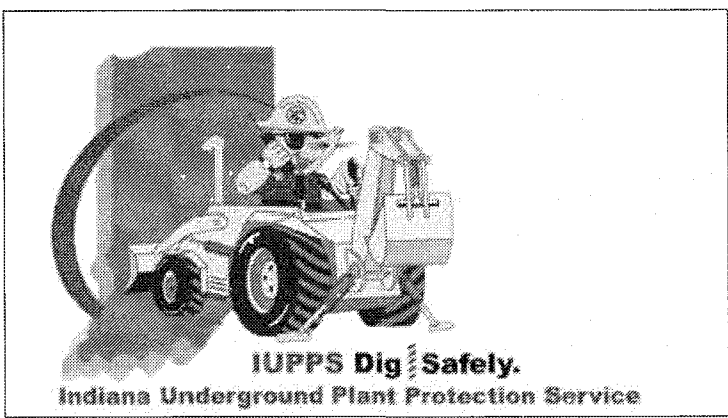
STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.

ALL BEEHIVE CASTINGS ON A 2'x2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.



RECORD DRAWING

D.D.O.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 10/20/2019

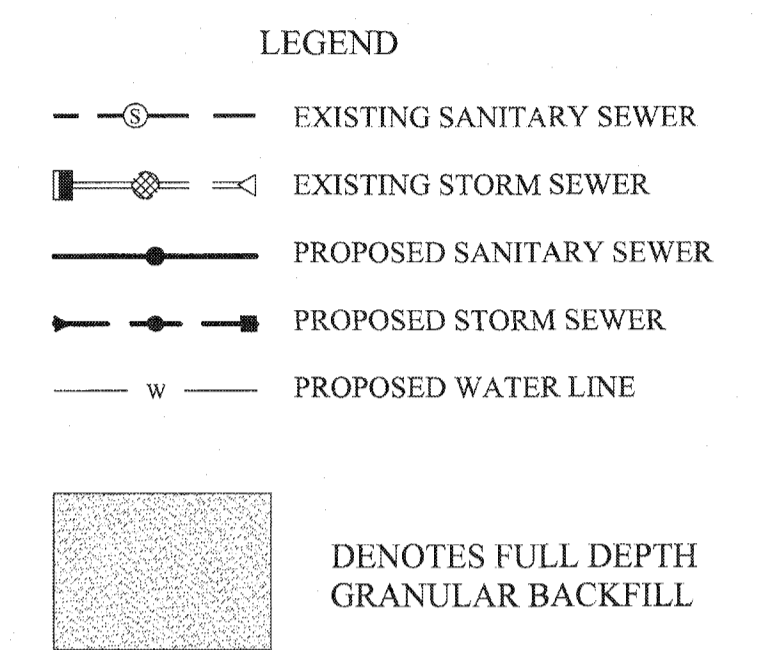
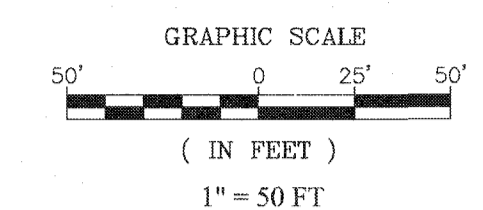
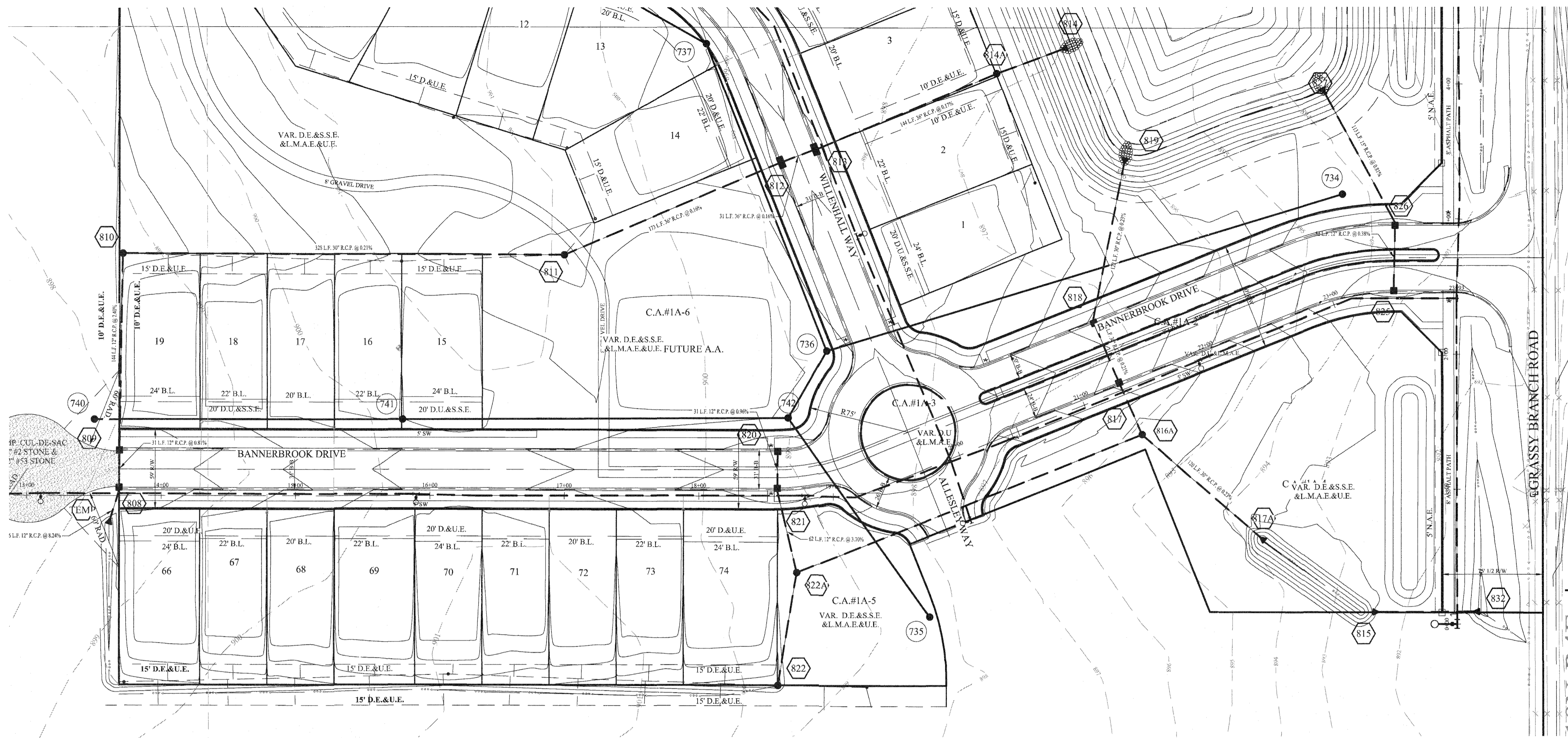


STOEPPELWERTH
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 7405 East 10th Street, Fishers, IN 46038-2005
 phone: 317.849.5905 fax: 317.849.5942

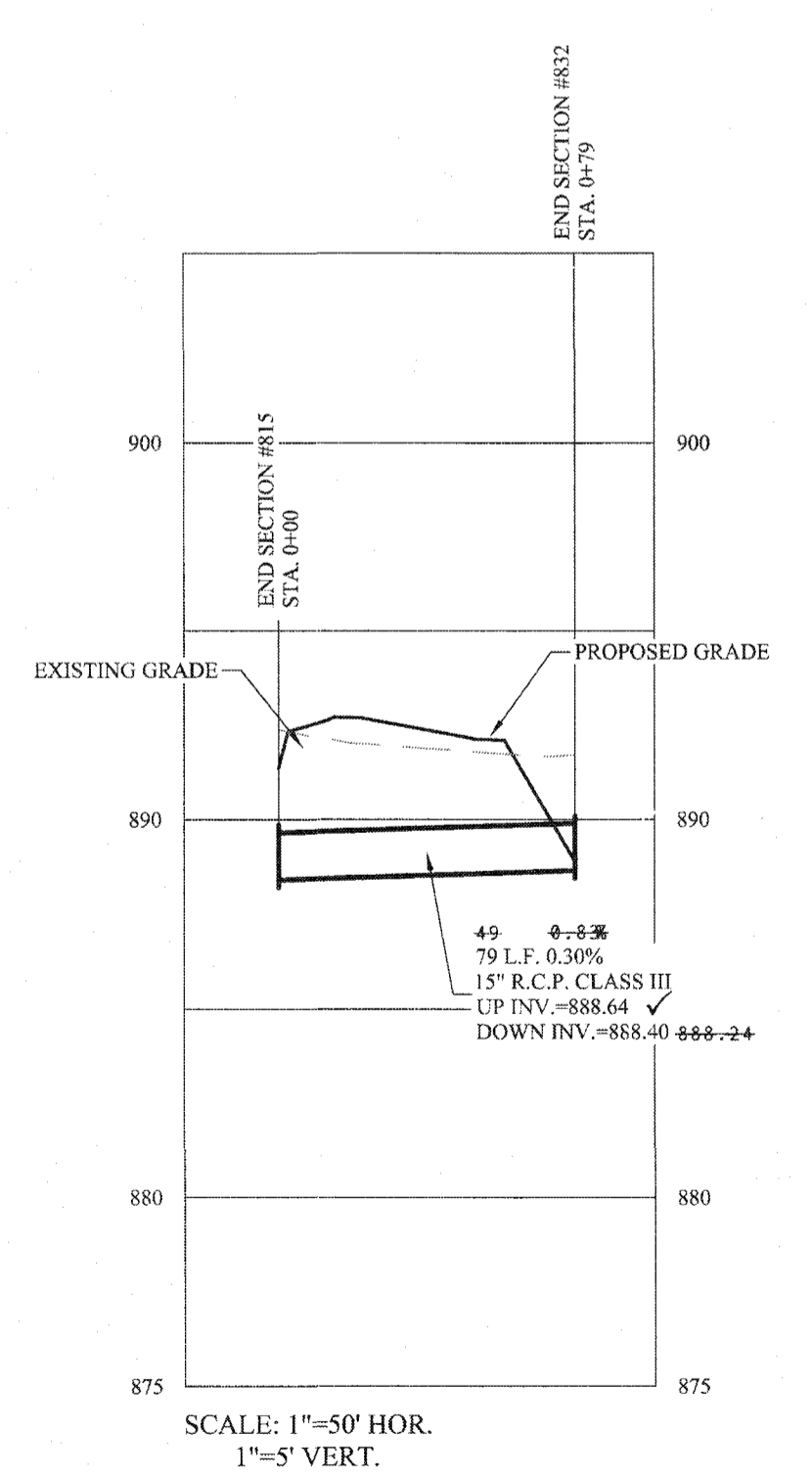
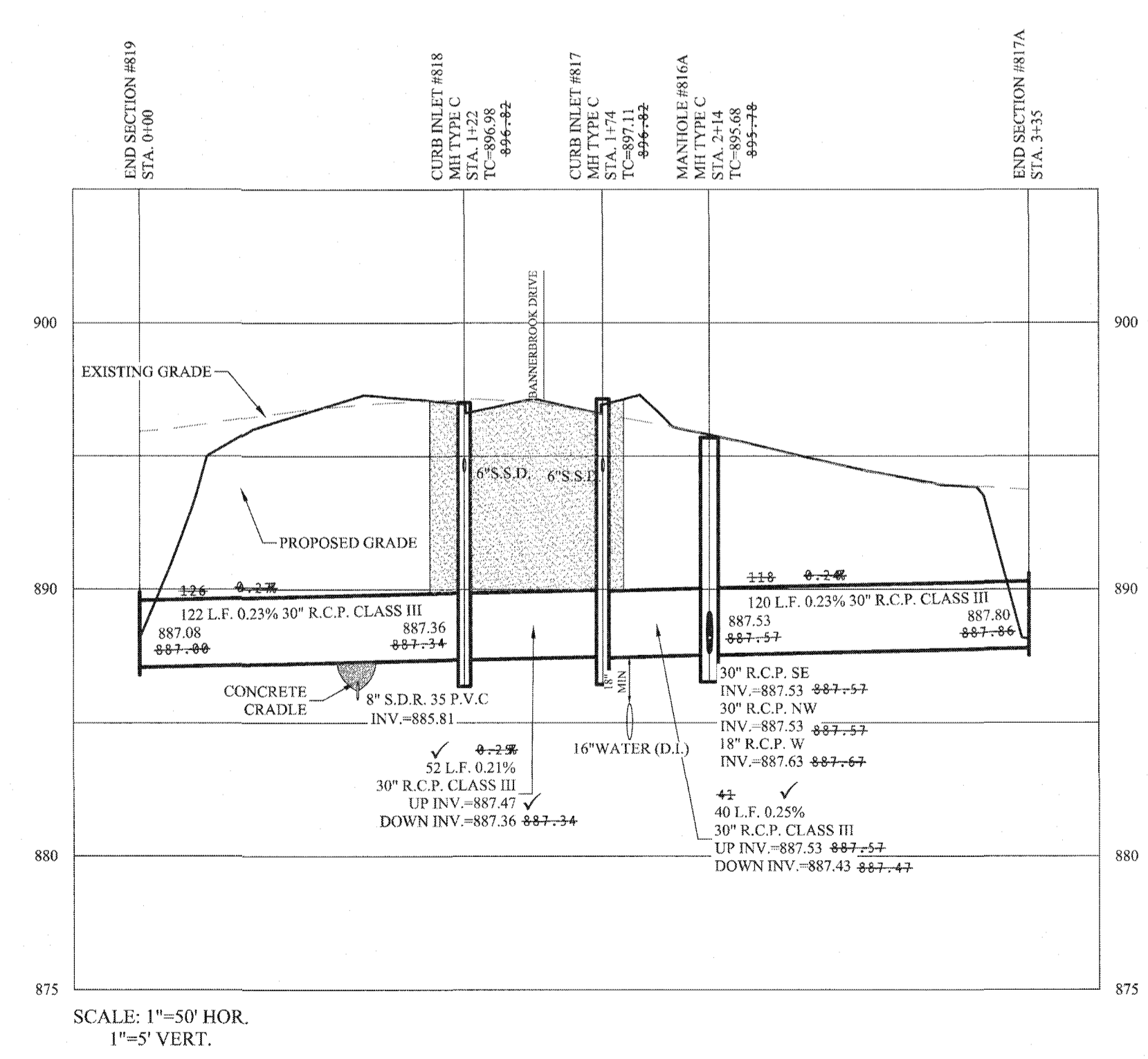
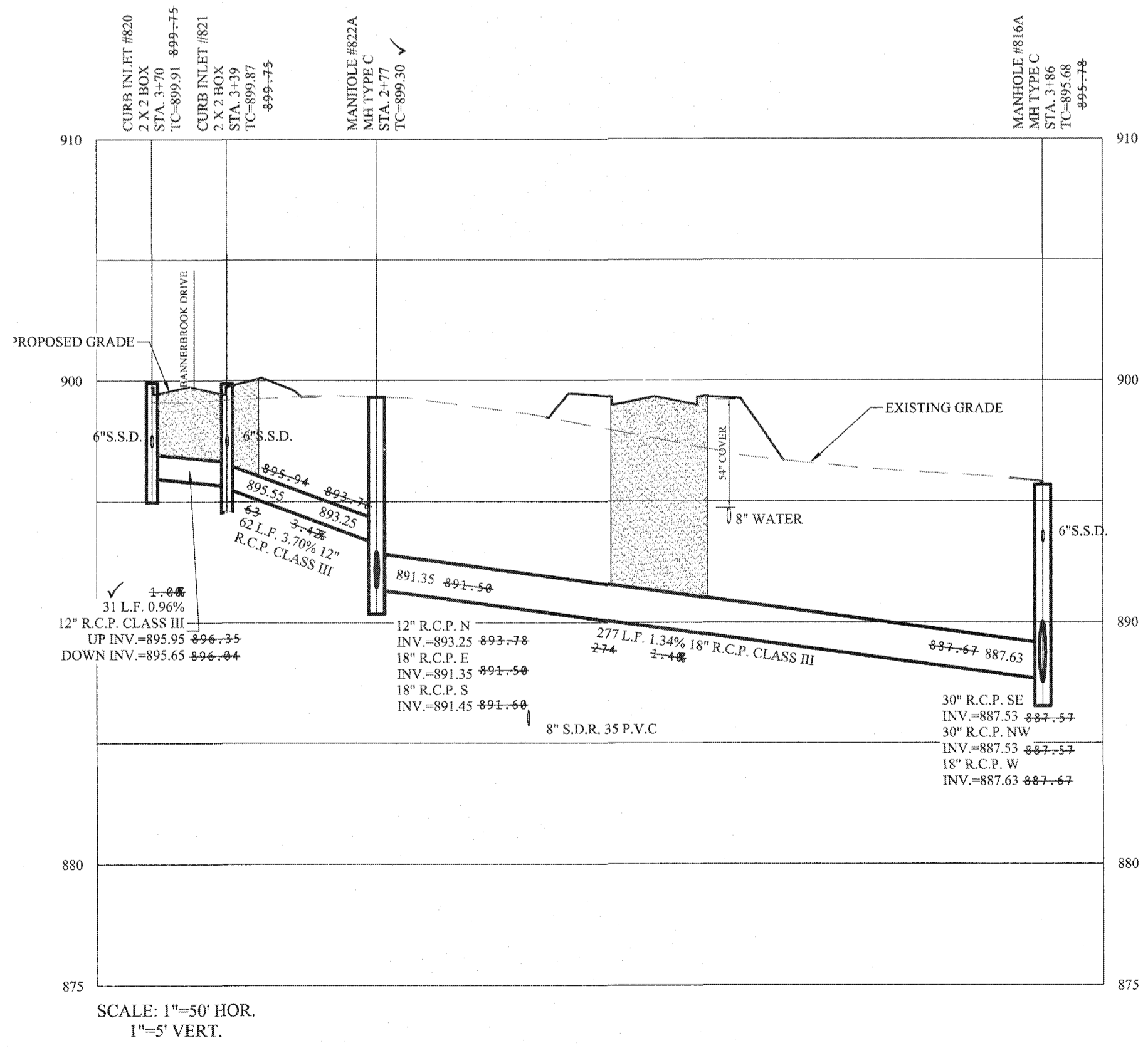
STORM PLAN & PROFILE
COVENTRY SECTION 1A

DRAWN BY: KJIM
 CHECKED BY: BAH
 SHEET NO. **C600**
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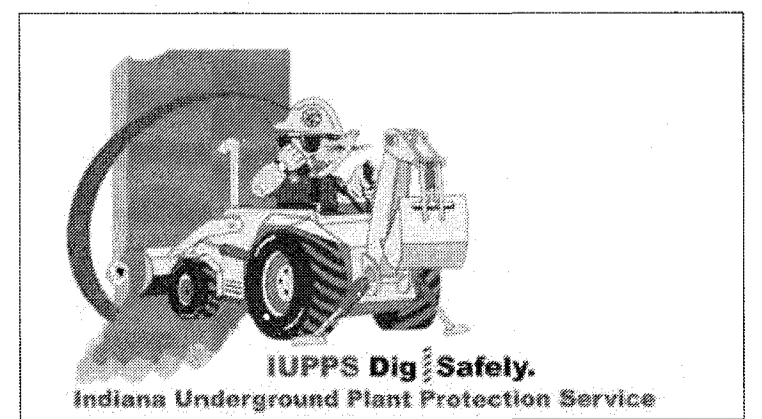


- NOTES:**
- ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE ONE 4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.
 - ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.
 - ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"
 - ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE.
 - ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
 - DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.
 - ALL STORM/SSD TO BE CLEANED AND TELEVIEWED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.
 - STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.
 - ALL BEEHIVE CASTINGS ON A 2'x2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.



RECORD DRAWING

D.O.C.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 10/30/2019



AS BUILTS	NO. 19358	DATE	MARK
REVISED LOT NUMBERS	REGISTERED		
REVISED ENTRANCE & ADDED STM #835-836	No. 19358		
REVISED PREL CITIZENS COMMENTS	STATE OF INDIANA		
REVISED PREL CITIZENS COMMENTS	PROFESSIONAL ENGINEER		
REVISED CONSTRUCTION PLANS			
REVISED PREL REVIEW COMMENTS			
REVISED PREL REVIEW COMMENTS			

CERTIFIED: 12/01/17
David J. Stoppelwirth

STOEPPELWERTH
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 796 East 10th Street, Fishers, IN 46038-2605
 phone: 317.849.5905 fax: 317.849.5942

HAMILTON COUNTY, INDIANA

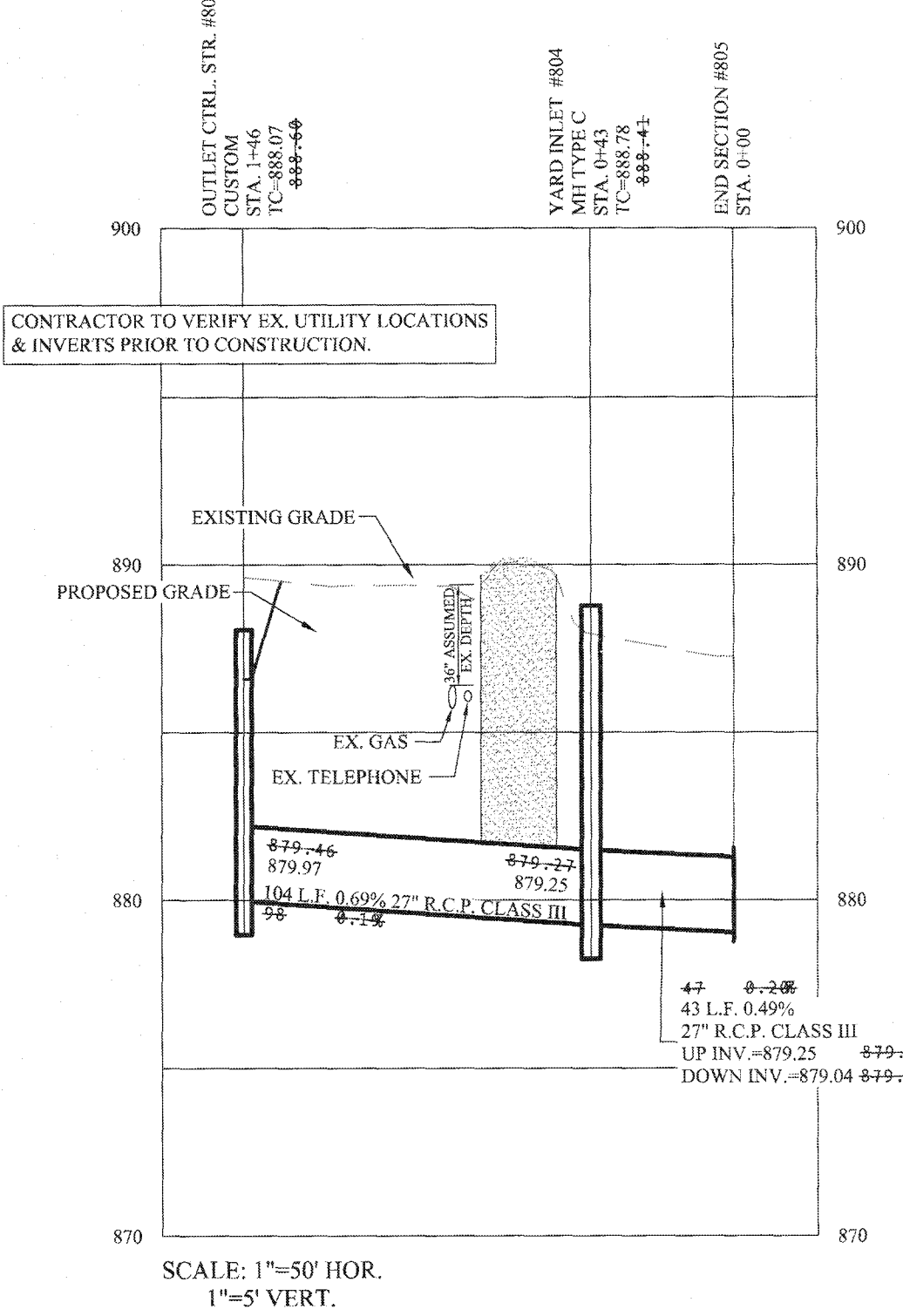
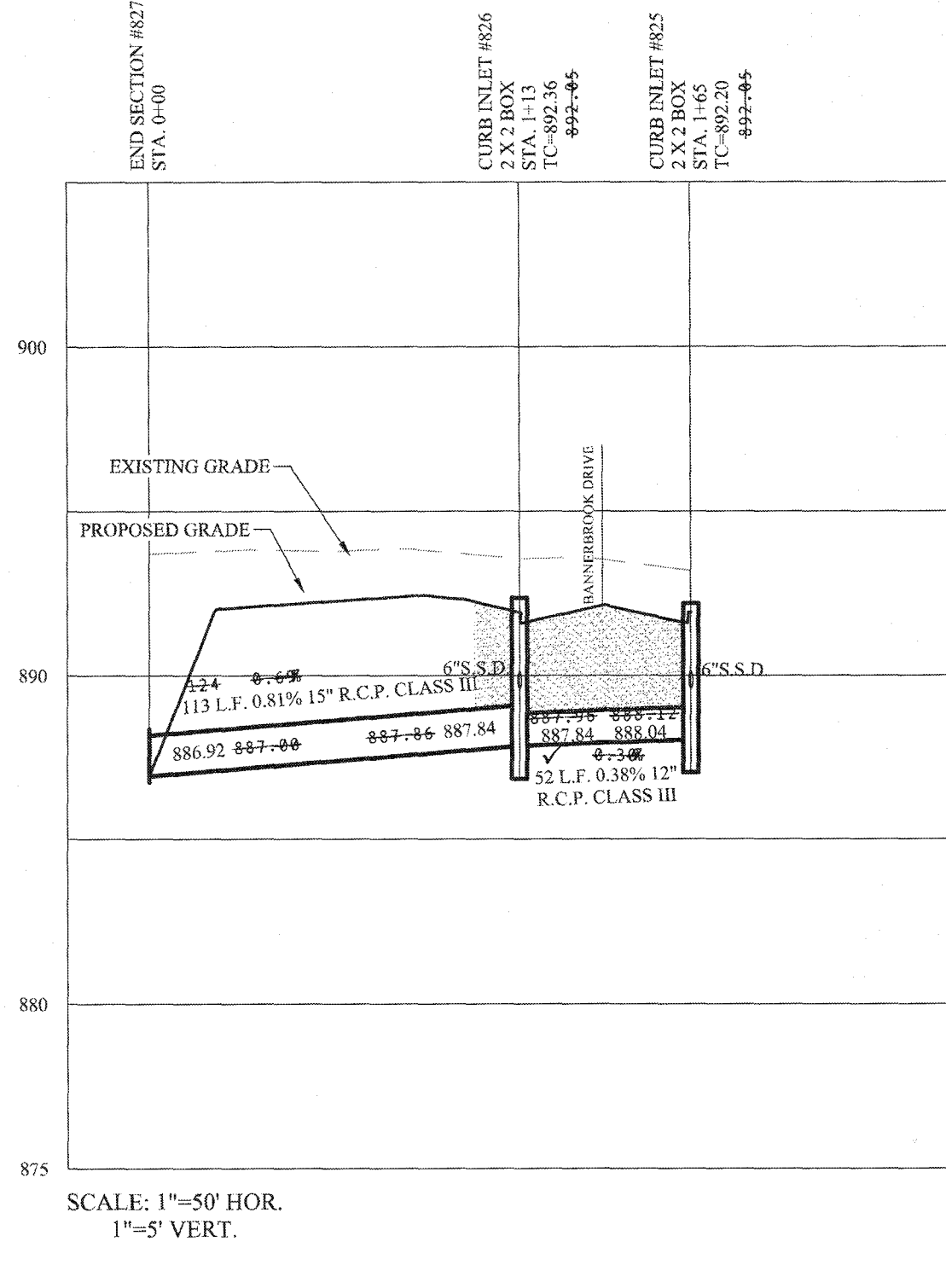
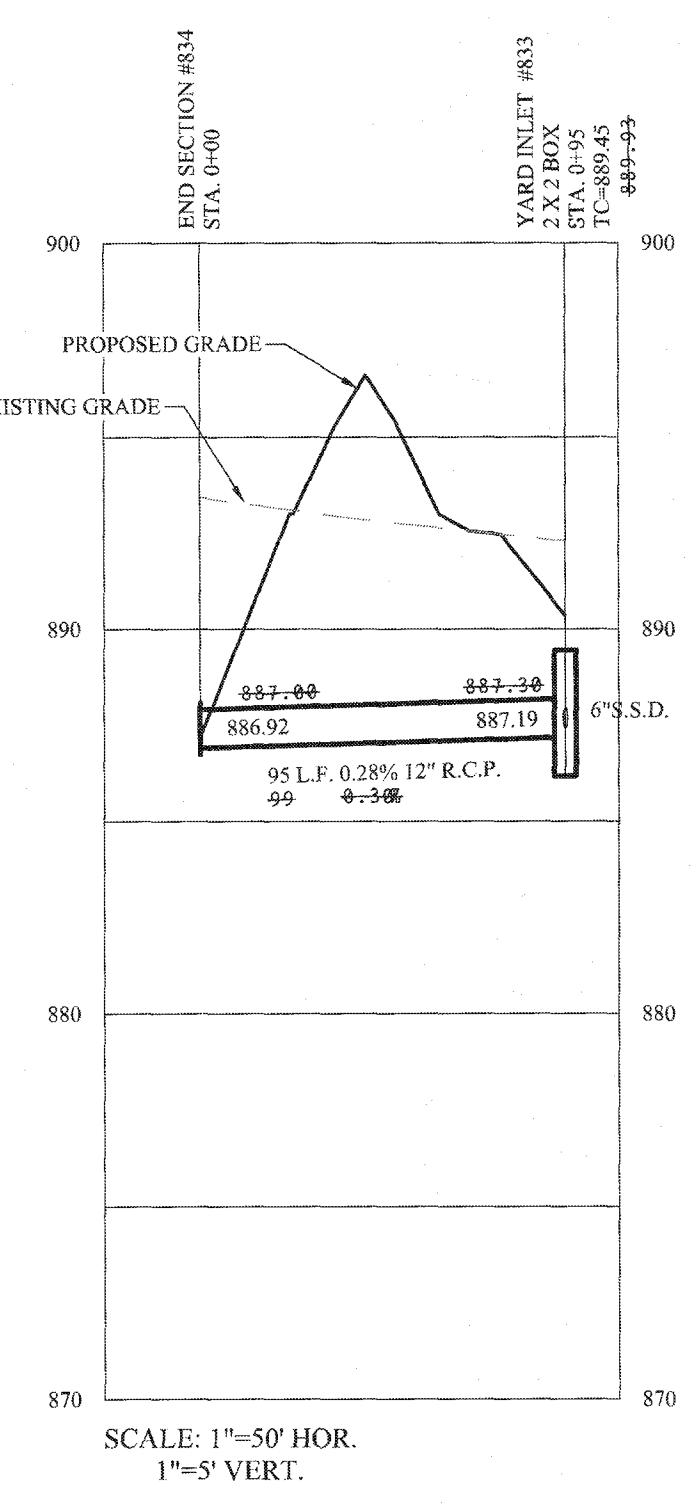
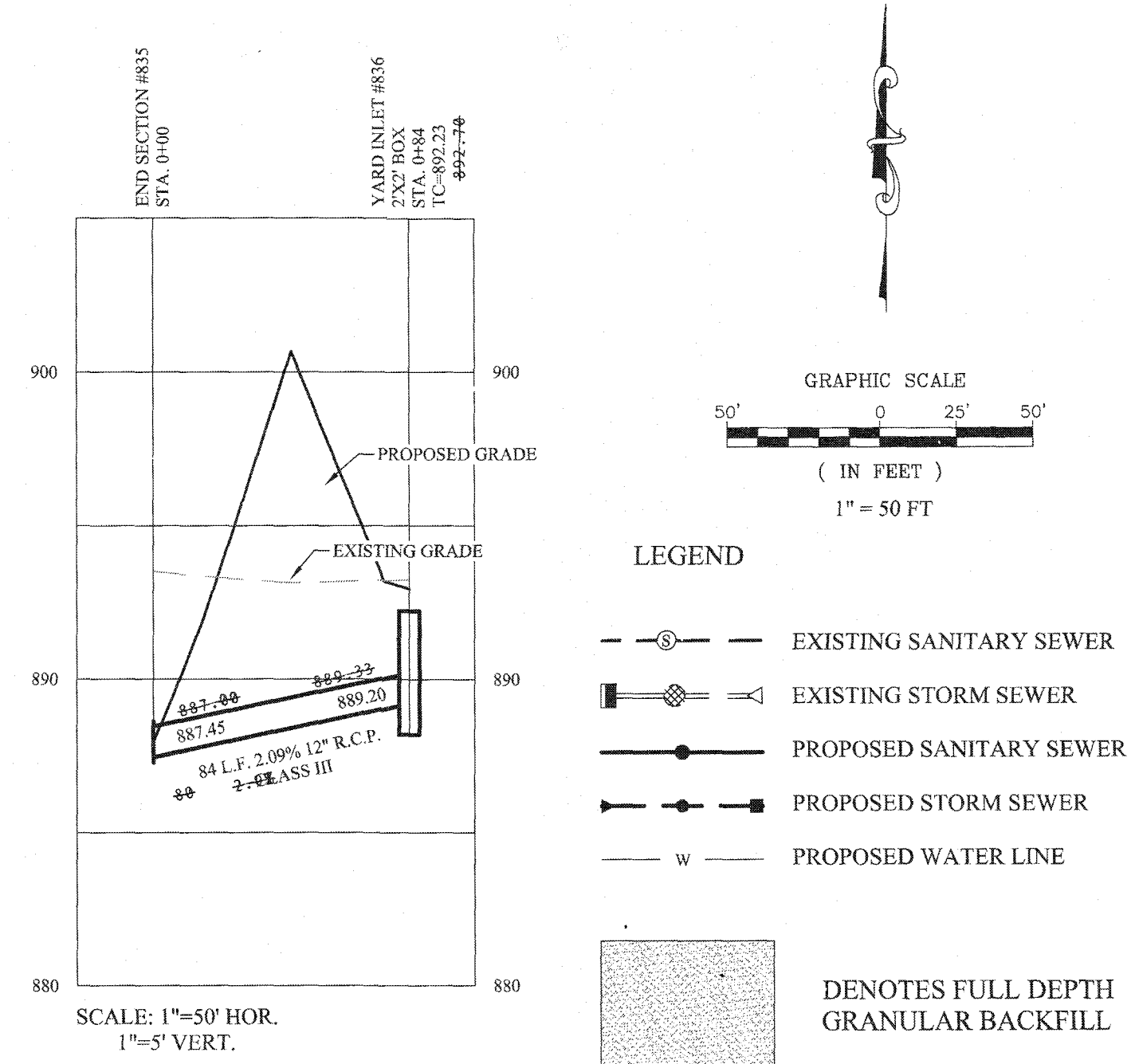
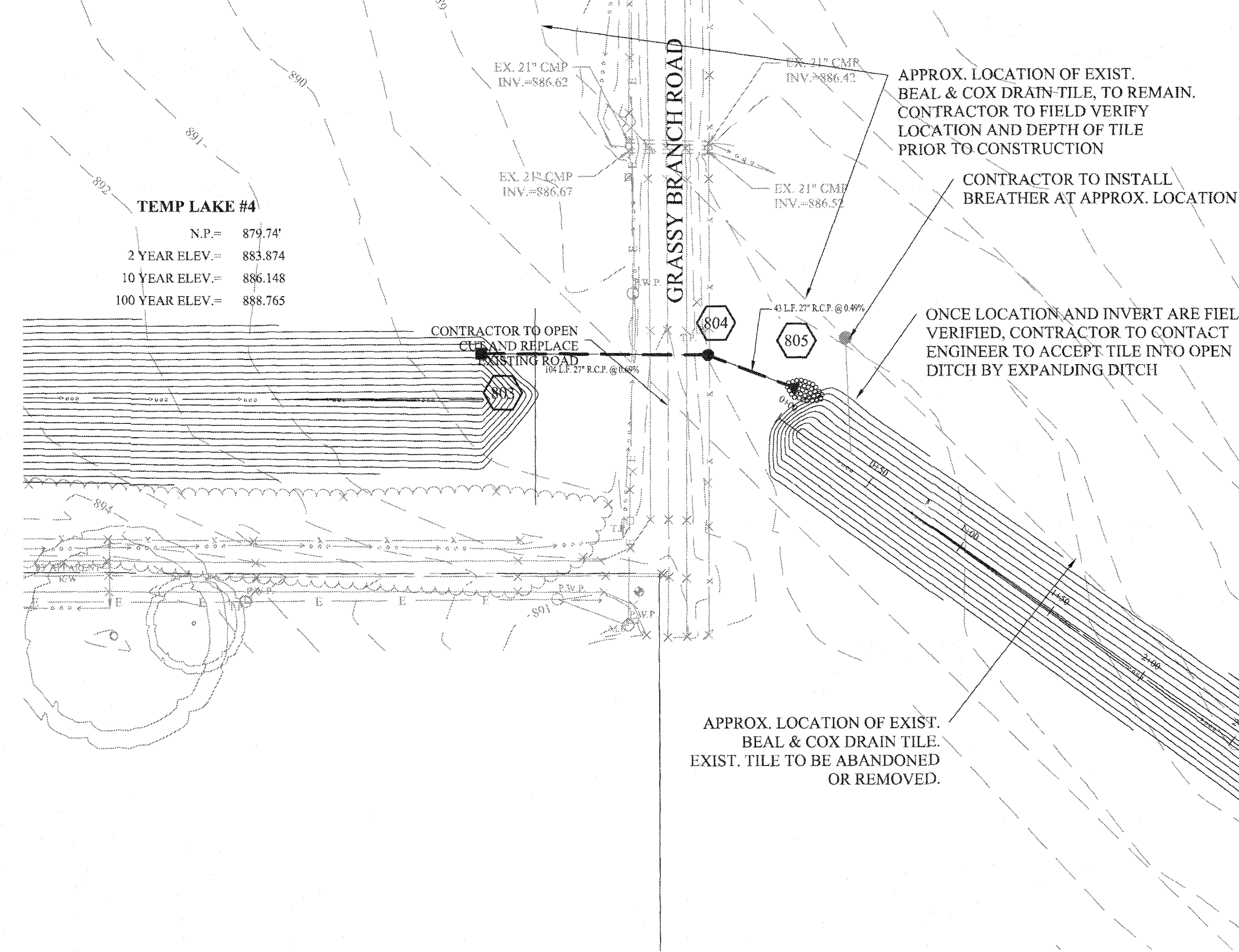
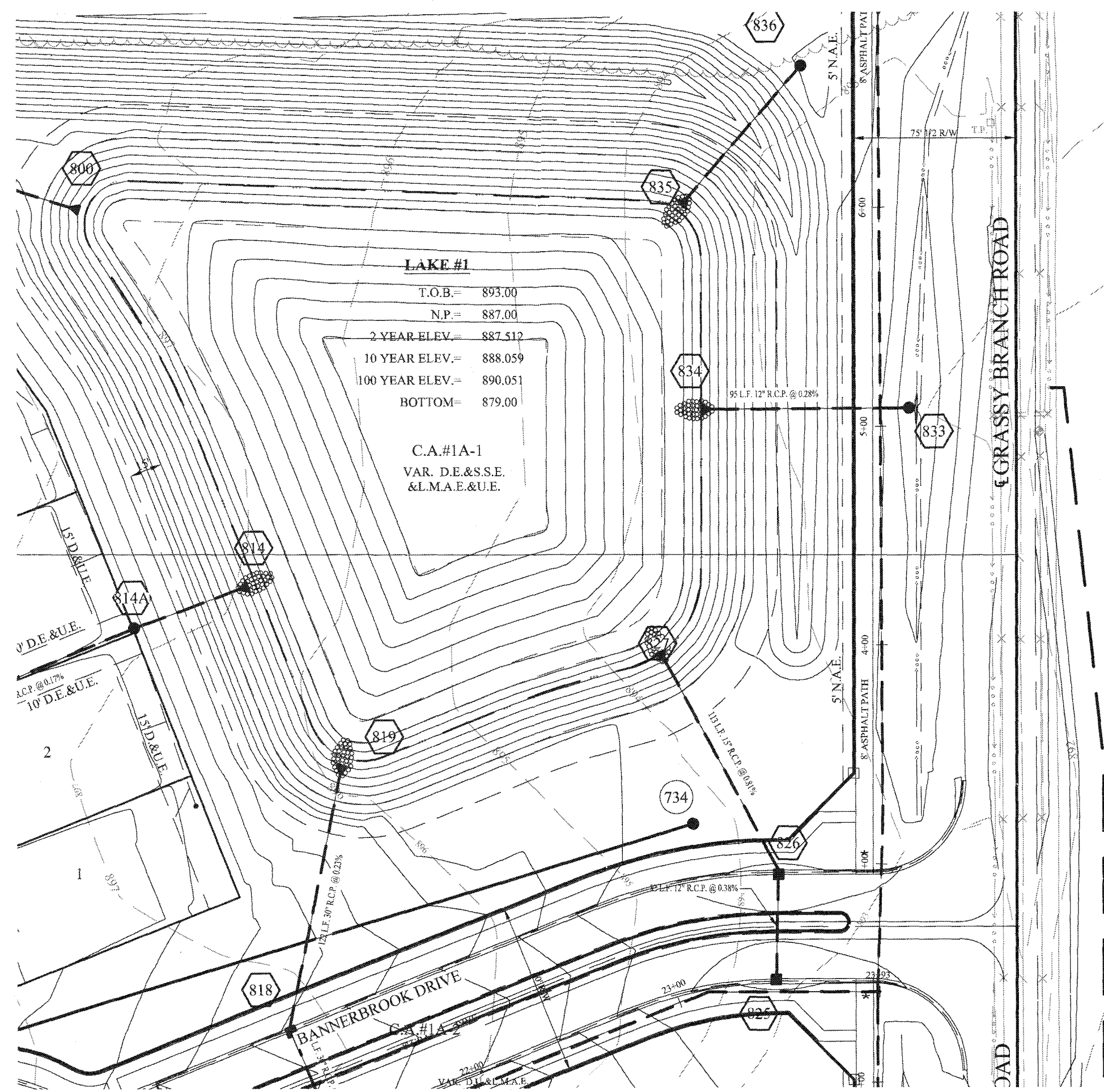
WESTFIELD

STORM PLAN & PROFILE
 COVENTRY SECTION 1A

DRAWN BY: KJMJ
 CHECKED BY: BAH

SHEET NO.
C601
 S & A JOB NO.
 55285CAL-S1

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 August 29, 2019 8:20:05 AM / Kimmirell
 October 30, 2019 2:54:47 PM / Reaven Morris
 Modified / By:
 Plotted / By:



DESCRIPTION OF OUTLETS:

- OUTLET 1 - EXTENDED DETENTION OUTLET:** THE PURPOSE OF THIS OUTLET IS TO DETAIN THE FLOW AND PROVIDE FOR SETTLEMENT OF SUSPENDED SOLIDS AND TO ATTENUATE THE OUTFLOW FROM THE DETENTION BASIN.
- OUTLET 2 - PEAK FLOW CONTROL ORIFICE:** THE PURPOSE OF THIS OUTLET IS TO RESTRICT THE FLOW LEAVING THE DETENTION POND WHEN THE VOLUME OF RUNOFF EXCEEDS THE CHANNEL PROTECTION VOLUME. THIS OUTLET IS TYPICALLY USED TO CONTROL THE RELEASE OF RUNOFF FOR EVENTS BETWEEN THE 1-YEAR AND 100-YEAR EVENTS.
- OUTLET 3 - EMERGENCY OVERTFLOW:** THE PURPOSE OF THIS OUTLET IS TO ALLOW THE OUTLET TO COME FLOW DOWNSTREAM EVEN IF THE PEAK FLOW CONTROL ORIFICE IS COMPLETELY BLOCKED. IT MAY ALSO SERVE AS A PART OF THE EMERGENCY FLOOD ROUTE IN SPECIAL CIRCUMSTANCES.

NOTES:

- USE OF A CIRCULAR OR RECTANGULAR ORIFICE IS AT THE DISCRETION OF THE DESIGNER. THE MINIMUM OPENING HEIGHT OR DIAMETER SHALL BE 6" UNLESS WRITTEN APPROVAL OF A SMALLER OPENING IS PROVIDED DURING THE STORMWATER REVIEW PROCESS. OPENINGS SHALL BE CONSOLIDATED AS MUCH AS IS PRACTICABLE WHILE MEETING THE REMAINING REQUIREMENTS TO REDUCE THE POTENTIAL FOR CLOGGING.
- THE USE OF MORE THAN A SINGLE ORIFICE IS AT THE DISCRETION OF THE DESIGNER AND MAY NOT BE NECESSARY.
- IF AN OVERLAND EMERGENCY FLOW ROUTE CANNOT BE CREATED THE STRUCTURE SHALL BE SIZED TO ALLOW THE OPEN TOP AND OUTLET PIPE TO SERVE AS A DRAIN-INLET CAPABLE OF CARRYING 125% OF THE PEAK INFLOW TO THE DETENTION POND.
- THE MAXIMUM OPENING SIZE FOR TRASH RACKS SHALL BE 3" FOR 4" OUTLETS LESS THAN 24" IN DIAMETER OR SMALLER THAN 24" X 24" RECTANGLE. LARGER OUTLETS SHALL HAVE A 6" OPENING SIZE. THE TRASH RACK OVER OUTLET 2 SHALL BE HINGED ON ONE SIDE TO ALLOW FOR MAINTENANCE ACCESS.

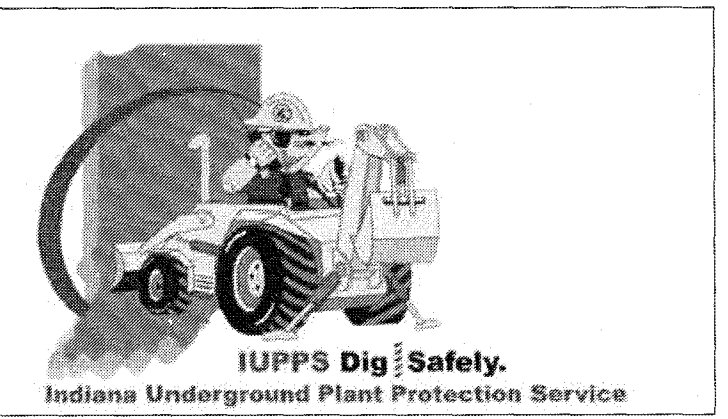
CHRYSTOPHER B. BURKE ENGINEERING, LLC
 PNC Center, Suite 1368 South
 115 West Washington Street
 Indianapolis, Indiana 46204
 (317) 266-8000 FAX: (317) 632-3306

PROJECT NO. 18-0474-00000
 SHEET 4 OF 4
 DRAWING NO. EX4

WET-BOTTOM DETENTION BASIN OUTLET DETAILS II
 BOONE / HAMILTON COUNTY MAINTENANCE FREE OUTLET

RECORD DRAWING

D.D.O.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 10/30/2019

AS BUILTS

LDA	KJM	KJM	KJM	KJM	ADG	JSM	BY
10/30/19	8/29/19	8/26/18	05/16/18	3/28/18	3/13/18	2/25/18	

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

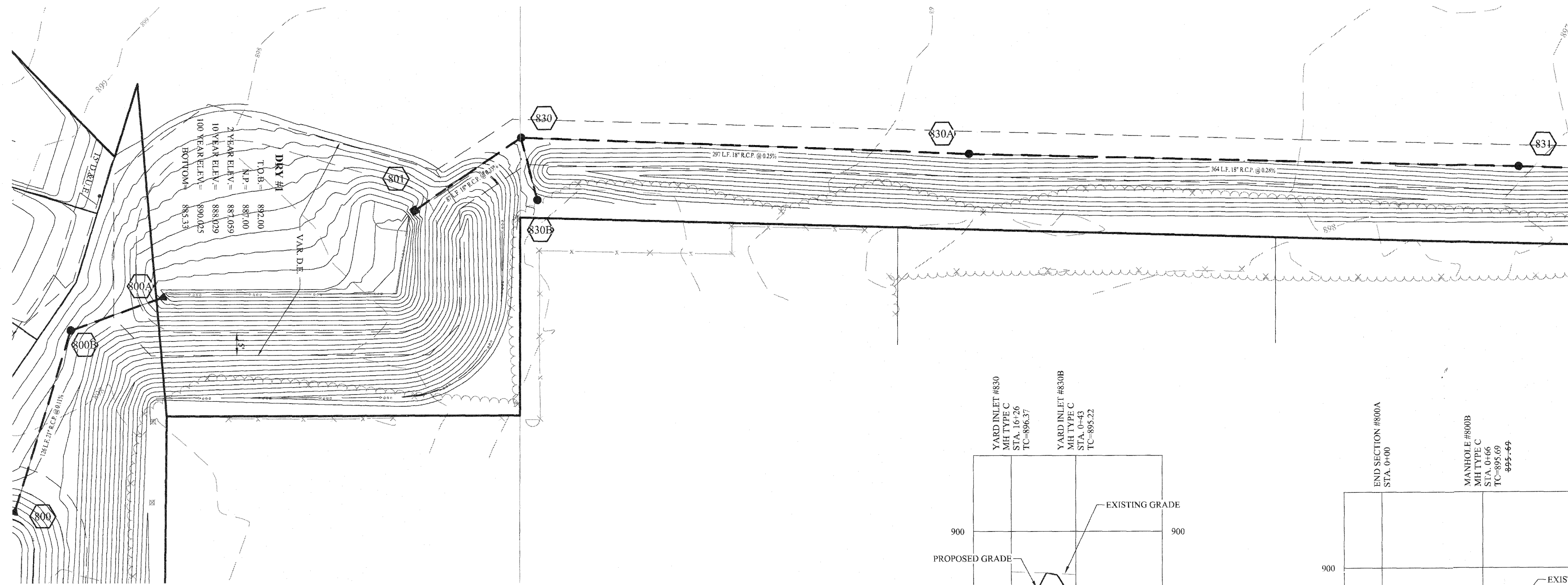
CERTIFIED: 12/01/17

STORM PLAN & PROFILE
 COVENTRY SECTION 1A
 HAMILTON COUNTY, INDIANA
 WESTFIELD

STOEPPELWERTH
 ALWAYS ON
 7965 East 10th Street, Fishers, IN 46038-2505
 phone: 317-849-5752 fax: 317-849-5492

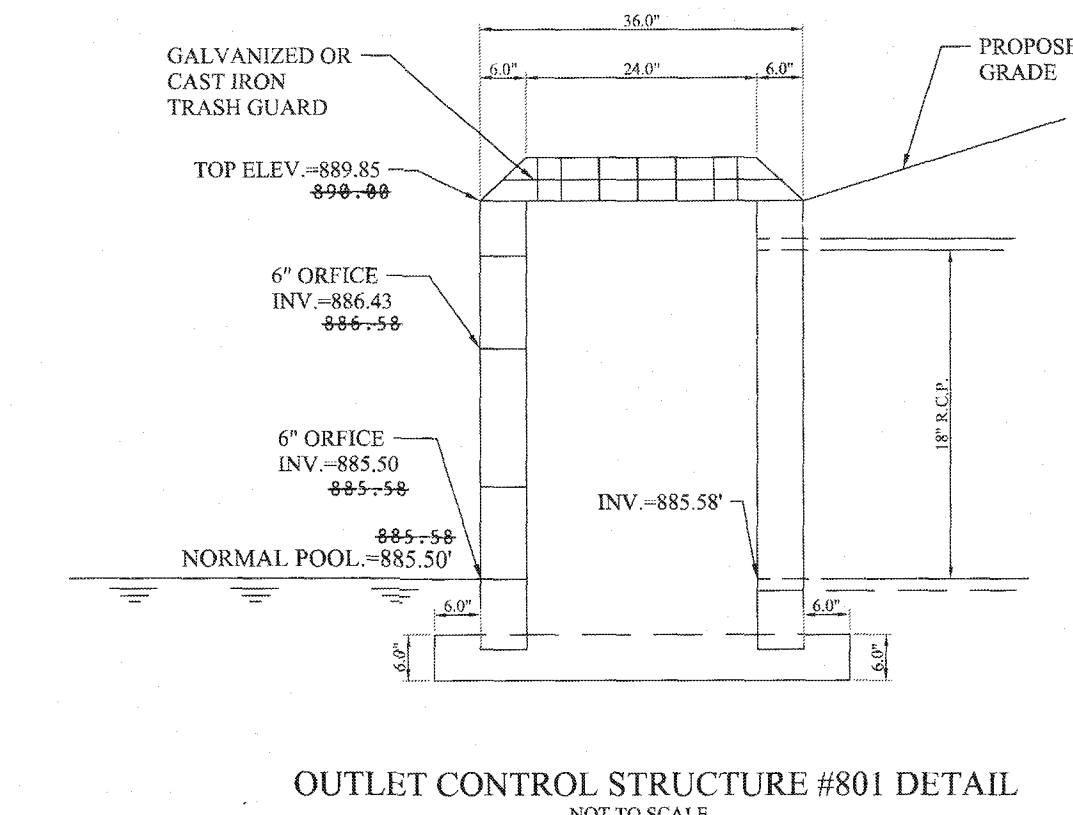
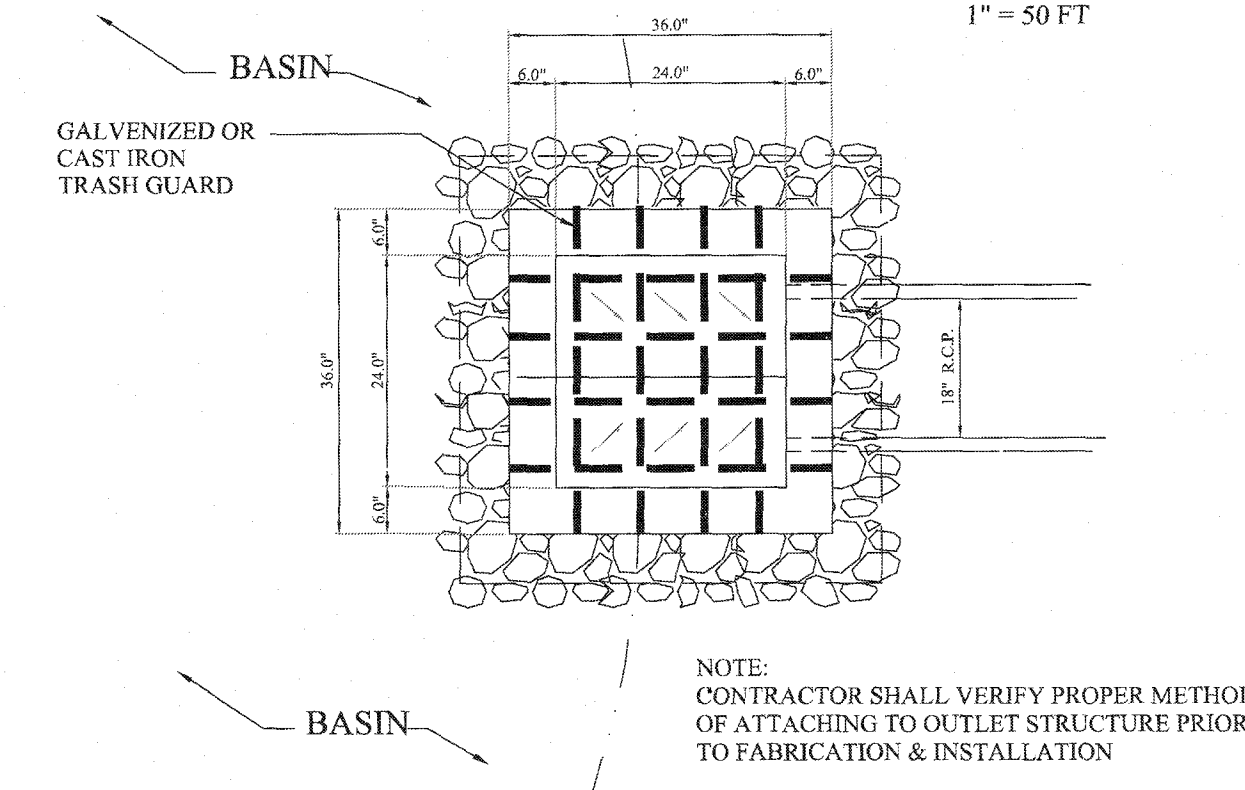
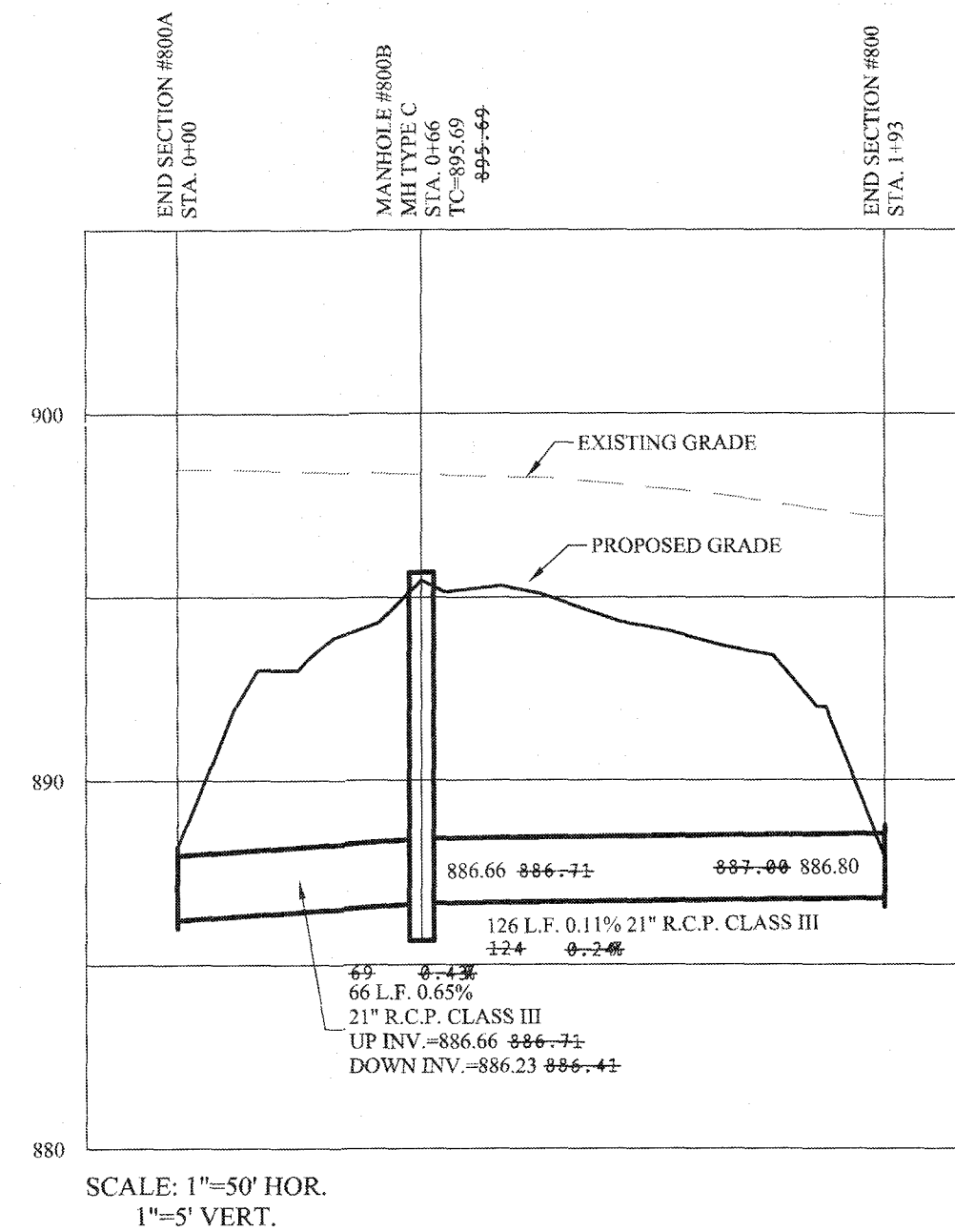
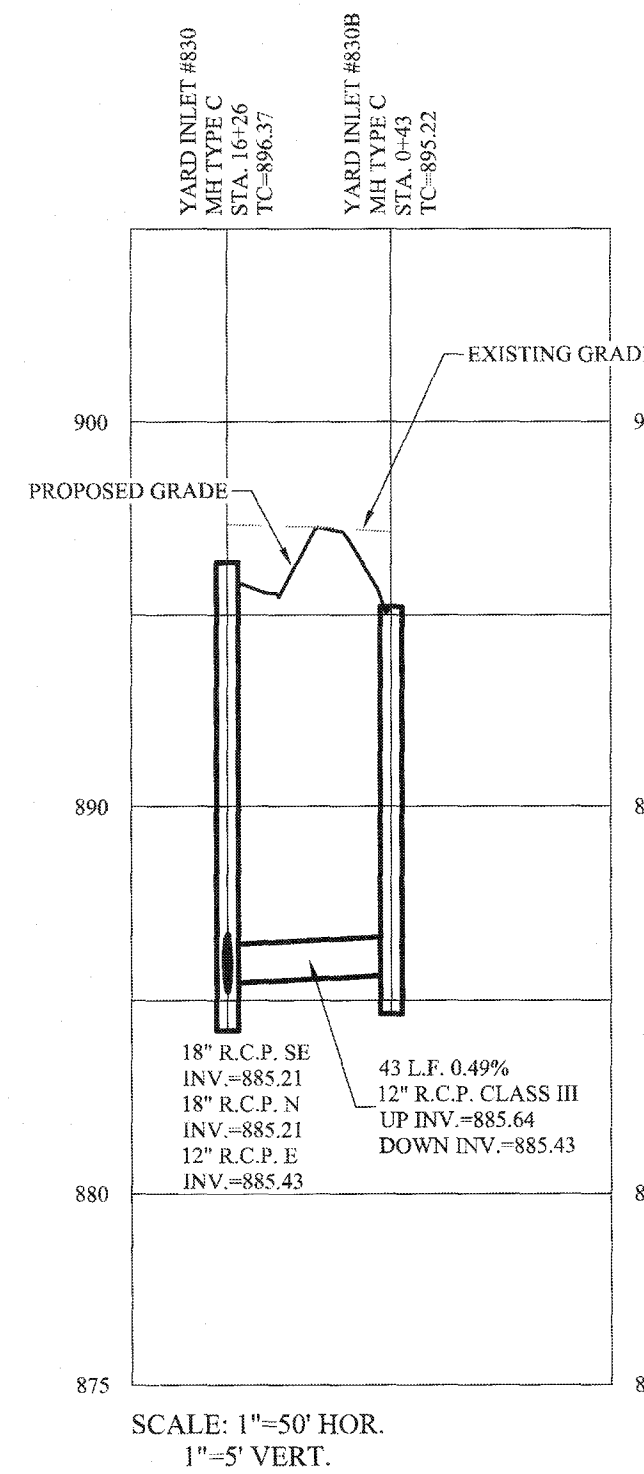
DRAWN BY: KJMM
 CHECKED BY: BAH

SHEET NO. C602
 S & A JOB NO. 55285CAL-S1



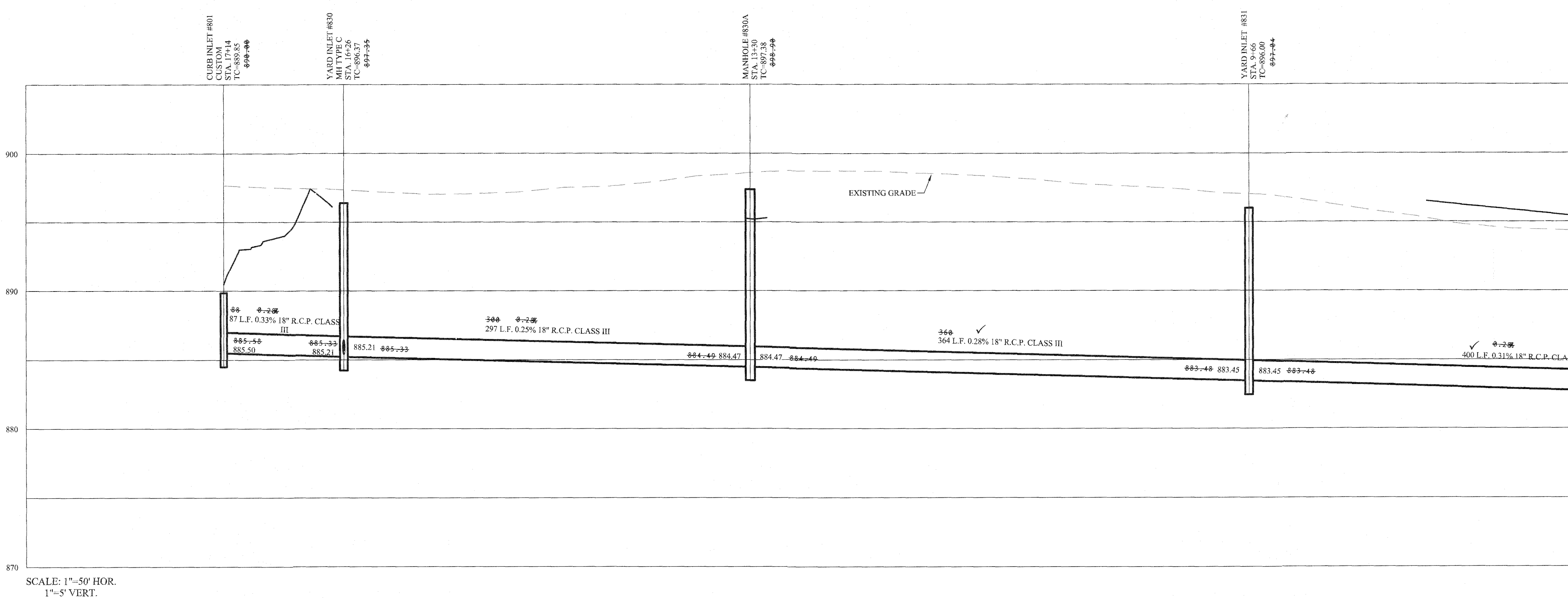
NOTES:

- 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.
- ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.
- ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"
- ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE.
- ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
- DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.
- ALL STORMSSD TO BE CLEANED AND TELEVIEWED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.
- STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.
- ALL BEEHIVE CASTINGS ON A 2x2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.



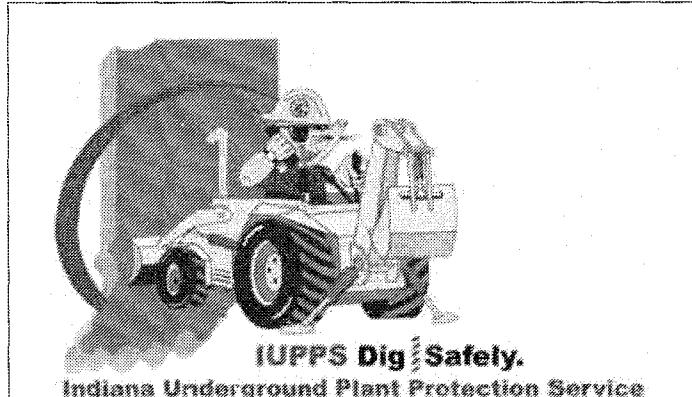
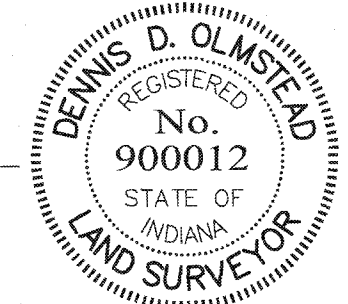
LEGEND

- S --- EXISTING SANITARY SEWER
- S --- EXISTING STORM SEWER
- S --- PROPOSED SANITARY SEWER
- S --- PROPOSED STORM SEWER
- W --- PROPOSED WATER LINE
- DENOTES FULL DEPTH GRANULAR BACKFILL



RECORD DRAWING

D.D.O.
Dennis D. Olmstead
Registered Land Surveyor
No. 900012
6/30/2019



AS BUILT'S	NO. 1201/17	DATE	BY
REVISED LOT NUMBERS	10/20/19		
REVISED ENTRANCE & ADDED STM #835-836	8/20/19		
REVISED STRUC. #801 & 801 T.C.	8/20/19		
REVISED PER CITIZENS COMMENTS	10/16/18		
REVISED PER CITIZENS COMMENTS	2/16/18		
REVISED CONSTRUCTION PLANS	3/27/18		
REVISED PER REVIEW COMMENTS	3/13/18		
REVISED PER REVIEW COMMENTS	2/9/18		
REVISIONS			

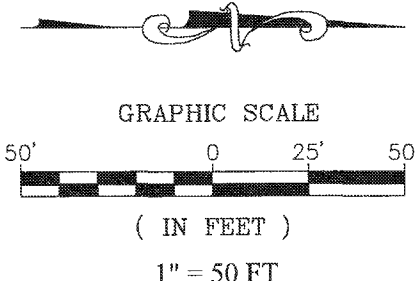
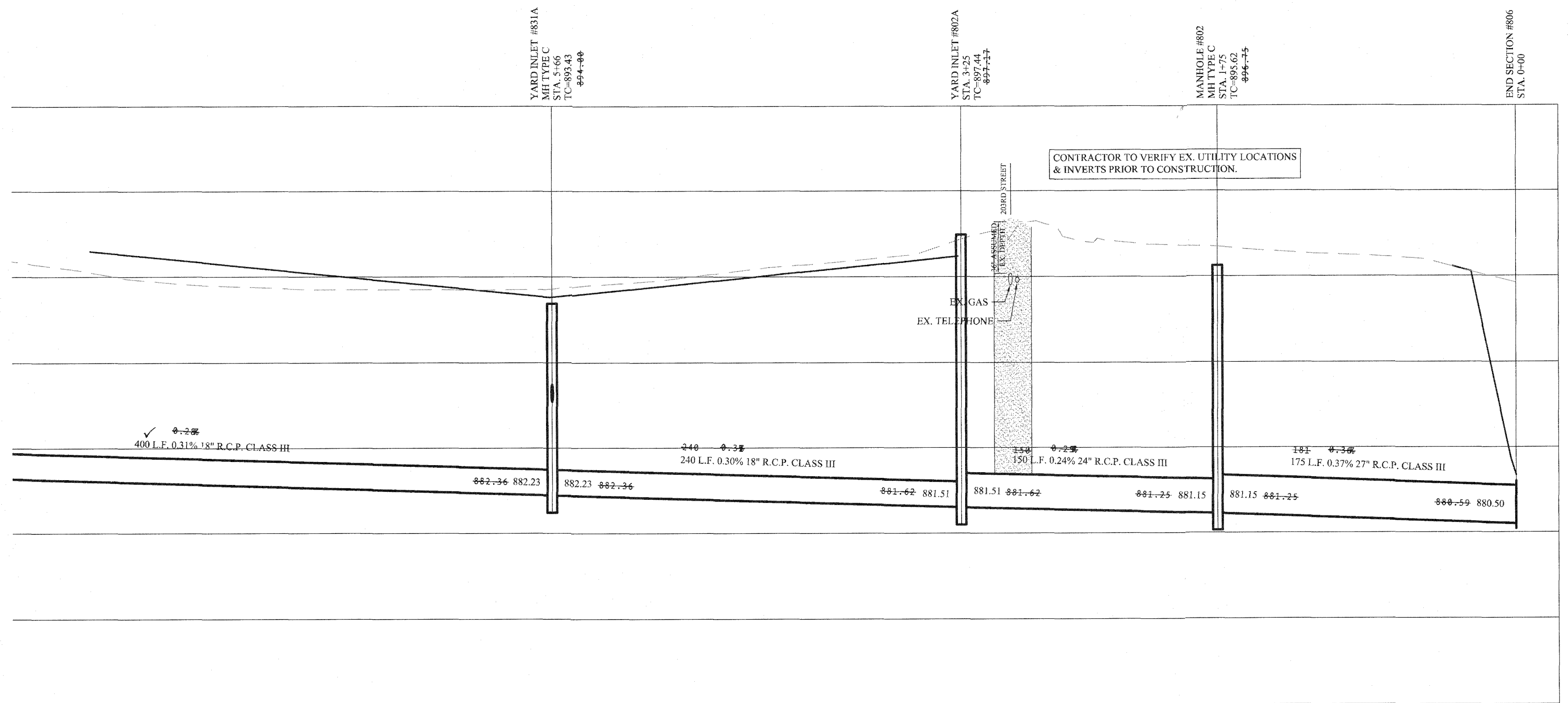
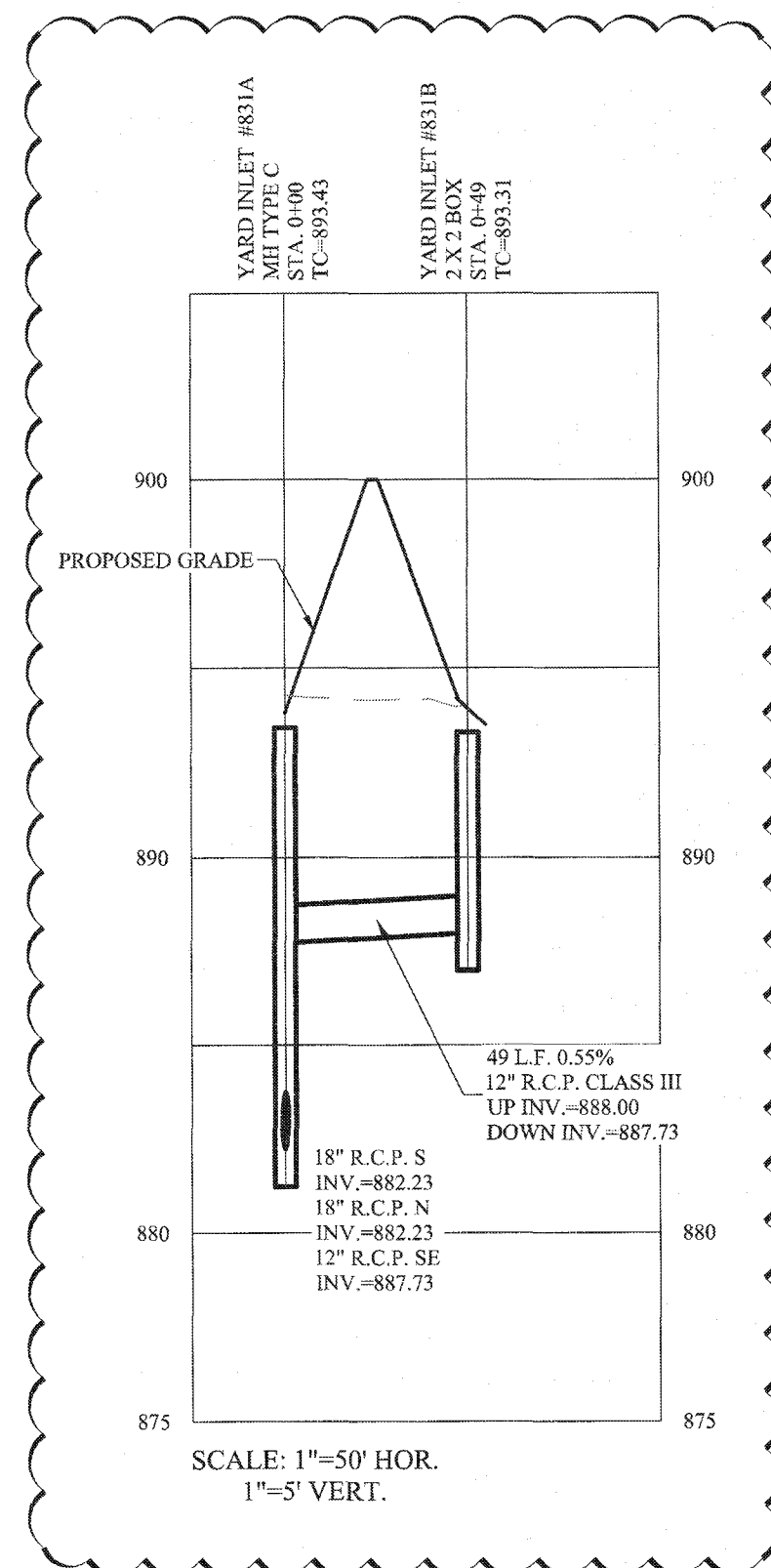
REGISTERED PROFESSIONAL ENGINEER
No. 19358
STATE OF INDIANA
David J. Stoppelwirth

STOEPPELWERTH
ALWAYS ON
7965 East 10th Street, Fishers, IN 46038-2925
phone: 317.848.5355 fax: 317.848.5392

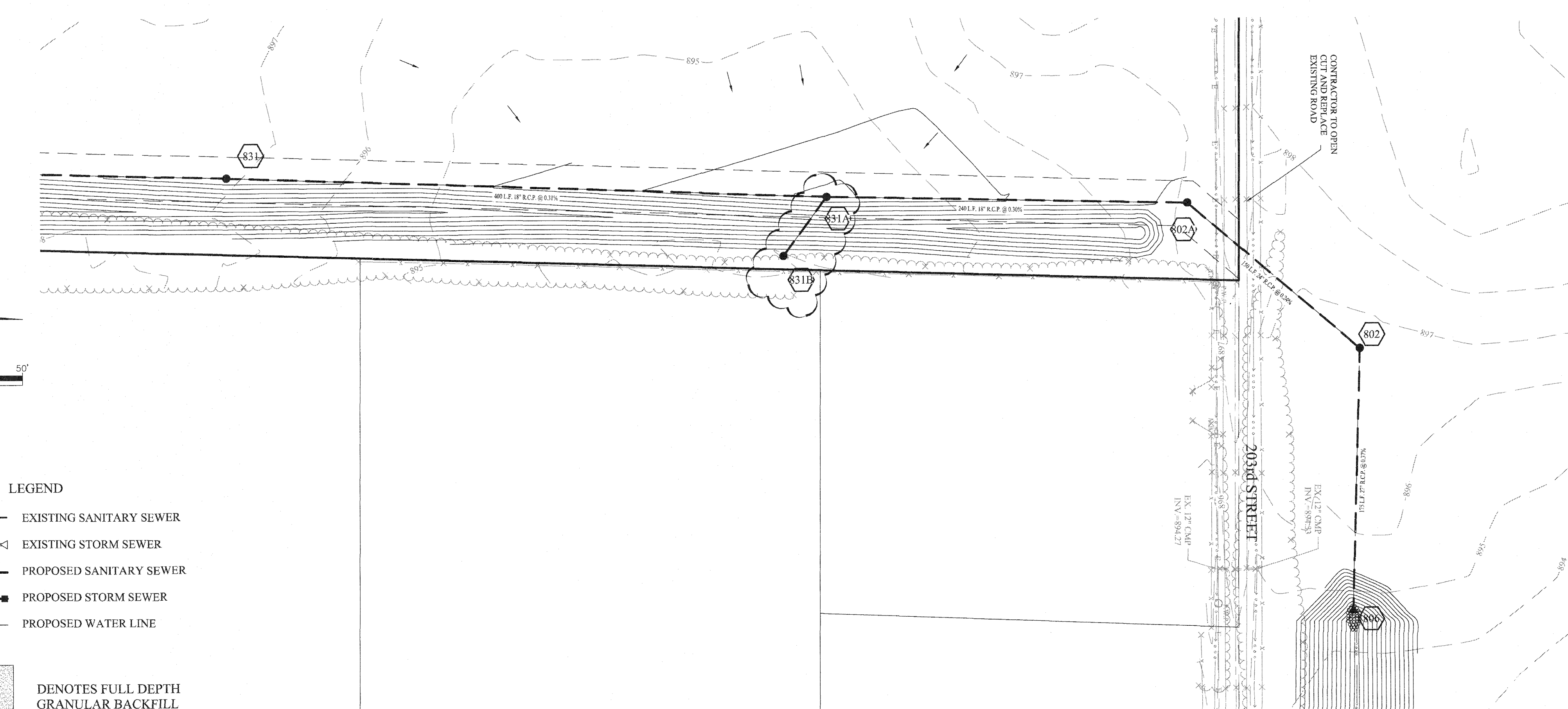
STORM PLAN & PROFILE
COVENTRY SECTION 1A
HAMILTON COUNTY, INDIANA
WESTFIELD

DRAWN BY: KJJM
CHECKED BY: BAH
SHEET NO. **C603**
DATE & JOB NO. 55285CAL-SI

File Name: S:\52285CAL_STANDINGS00 - Storm Plan & Profile.dwg - C604
 Created By: DOD
 Plotted By: October 30, 2019 2:56:26 PM / Raven Morris



- LEGEND**
- >--->---> EXISTING SANITARY SEWER
 - >--->---> EXISTING STORM SEWER
 - >--->---> PROPOSED SANITARY SEWER
 - >--->---> PROPOSED STORM SEWER
 - >--->---> PROPOSED WATER LINE
- [Stippled Area] DENOTES FULL DEPTH GRANULAR BACKFILL



OFFICE OF THE HAMILTON COUNTY SURVEYOR

BREATHER DETAIL
 FOR CONCRETE TILE

(DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE
 REVISED 1 JAN 2000

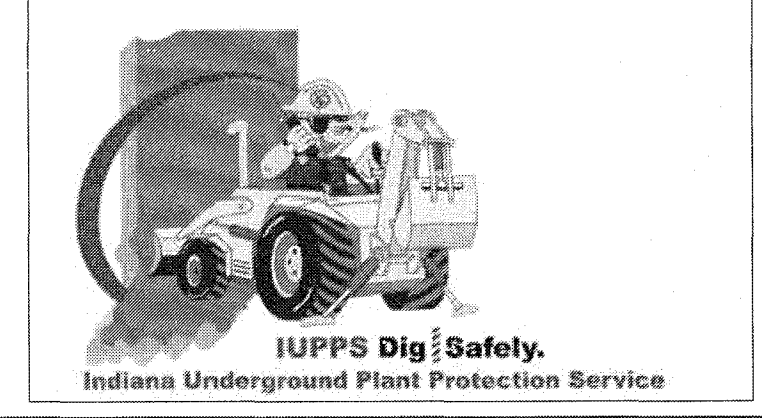
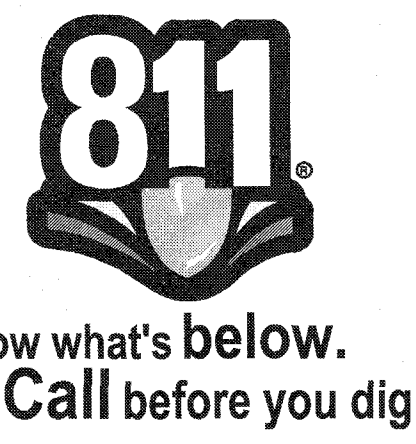
APPROVED: *[Signature]* DATE: 4 Jan 00
 KENTON C. YARD, HAMILTON COUNTY SURVEYOR

NOTES:

- 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.
- ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.
- ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"
- ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE.
- ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE 6" DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
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- ALL STORM/SSD TO BE CLEANED AND TELEVISED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.
- STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.
- ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

RECORD DRAWING

[Signature]
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 10/30/2019



LDA		AS BUILT		DATE	MARK
KJM	82919	REVISED LOT NUMBERS			
KJM	80618	REVISED ENTRANCE & ADDED STM #833-836			
KJM	070518	ADDED STRUCTURE #81H			
NAL	31618	REVISED PER CITIZENS COMMENTS			
ADG	32818	REVISED PER CITIZENS COMMENTS			
KJM	31318	REVISED CONSTRUCTION PLANS			
KJM	31318	REVISED PER REVIEW COMMENTS			
JSM	2518				
BY		REVISIONS			

10/30/19

STOEPPELWERTH
 ALWAYS ON
 796 East 16th Street, Ellettsville, IN 46009-2905
 phone: 317.897.5952 fax: 317.897.5942

HAMILTON COUNTY, INDIANA

WESTFIELD

STORM PLAN & PROFILE
 COVENTRY SECTION 1A

DRAWN BY: KJM
 CHECKED BY: BAH

SHEET NO.
C604
 S & A JOB NO.
 55285CAL-S1