

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

October 8, 2013

To: Hamilton County Drainage Board

Re: Cool Creek Drain, Bridlewood Arm, Waterford at The Bridgewater Club Reconstruction

Attached is a petition from Throgmartin-Henke Development, L.L.P, along with plans for the proposed reconstruction and relocation of the Bridlewood Section 2 Arm of the Cool Creek Drain. The proposal is to reconstruct and relocate this drain with new pipe to allow for development of the tracts as Waterford at The Bridgewater Club.

The reconstructed drain shall consist of those lengths of pipes between the following structures as shown on sheets C203 and C204 of the plans by Stoeppelwerth & Associates, Inc., dated October 17, 2011, and having job number 56030THR-SD4:

The new drain shall begin at Str. 149, which is existing Str. 38 of the Bridlewood Section 2 Arm, and then run to Str. 150, 151, and 152, which is the outlet to Lake #1.

The drain in total will consist of the following lengths:

24" RCP – 959 ft.

The total length of new drain for this arm shall be 959 feet. The 90 feet of the original drain from Str. 38 to Str. 103, which is 65 feet of open ditch and 25 feet of 24" concrete box, shall be vacated. The structure numbers listed above are as shown on sheet 4 of the as-built plans by Evergreen Planners, Inc., dated May 10, 1988, and having job number 87-84. This proposal will add 869 feet to this arm of the drains total length.

The pond (Lake #1) located in Common Area #2 is not to be considered part of the regulated drain. Only the outlet, which is Str. 152, will be maintained as part of the regulated drain. The maintenance of the pond (Lake) 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 cost of the reconstruction is to be paid by Throgmartin-Henke Development, LLP.

This drain was built and inspected by my office, while maintaining the existing drainage path, so the petitioner did not submit surety for this drain. Surety was submitted to the City of Westfield for the overall project.

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.

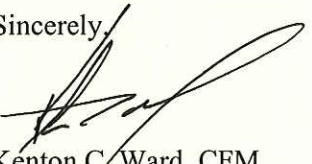
I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Waterford at The Bridgewater Club as recorded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

The easements for this drain outside of the platted area shall be 15 feet per half from the centerline of the drain, as per I.C. 36-9-27-33. This will add new easement on the following parcels:

<u>Parcel</u>	<u>Owner</u>
08-10-17-00-00-024.000 ROW of Carey Road	Throgmartin-Henke Development LLP City of Westfield

I recommend the Board set a hearing for this proposed drain for November 25, 2013.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

REVISED JUNE 1997

IN RE: _____)
Hamilton County, Indiana)


PETITION FOR RELOCATION AND RECONSTRUCTION

Throghmartin-Henke, L.L.P. (hereinafter "Petitioner"),

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

1. Petitioner owns real estate through which a portion of the Bridlewood 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 Bridlewood 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 Bridlewood Drain, without cost to other property owners on the watershed of the Bridlewood Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

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


Signed Don Currise
Printed _____

(Revised 06/08/04)

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

FILED
OCT 31 2011
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 Waterford at The Bridgewater Club Subdivision, Section
D4 & K3 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 Waterford at The Bridgewater Club, Sections D4 & K3, 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

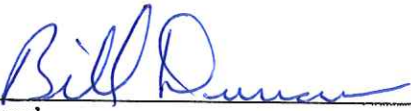
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

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 _____

Bill Duncan
Printed Name _____

October 28, 2011
Date _____

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE


**Cool Creek Drain, Bridlewood Arm,
Waterford at the Bridgewater Club Reconstruction**

**Structure 38 to Structure 103 (65 feet of open ditch)
And 24" Concrete Box (25 feet)**

On this 25th day of November, 2013, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Cool Creek Drain, Bridlewood Arm, Waterford at the Bridgewater Club Reconstruction; Structure 38 to Structure 103 (65 feet of open ditch) and 24" Concrete Box (25 feet)**.

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 **Cool Creek Drain, Bridlewood Arm, Waterford at the Bridgewater Club Reconstruction; Structure 38 to Structure 103 (65 feet of open ditch) and 24" Concrete Box (25 feet)**.

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
**Cool Creek Drain, Bridlewood Arm, Waterford at The Bridgewater Club
Reconstruction**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Cool Creek Drain, Bridlewood Arm, Waterford at The Bridgewater Club Reconstruction** came before the Hamilton County Drainage Board for hearing **on November 25, 2013**, 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 **Cool Creek Drain, Bridlewood Arm, Waterford at The Bridgewater Club 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

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

**Cool Creek Drain, Bridlewood Arm
Waterford at The Bridgewater Club 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 **Cool Creek Drain, Bridlewood Arm, Waterford at The Bridgewater Club Reconstruction** on **November 25, 2013** at **9:15 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 Cool Creek Drain, Bridlewood Arm,
Waterford at the Bridgewater Club Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **November 25, 2013** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

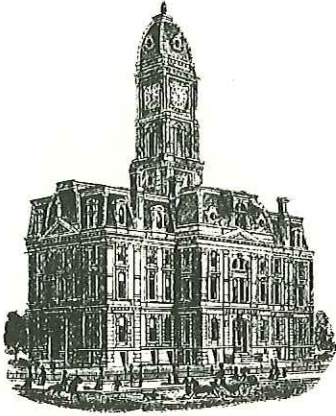
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

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

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman
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

February 6, 2015

Re: Cool Creek Drainage Area- Bridlewood Drain: The Waterford at Bridgewater Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for The Waterford at Bridgewater 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 October 8, 2013. The report was approved by the Board at the hearing held November 25, 2013. (See Drainage Board Minutes Book 15, Pages 263-265) The changes are as follows: the 24" RCP was shortened from 959 feet to 954 feet. The length of the drain due to the changes described above is now **954 feet**.

It should be noted that this project removed 90 feet of existing drain constructed with Bridlewood Section 2. Therefore, this project added 864 feet to the watershed's overall length. It should also be noted the portion of drain removed was never included in the construction costs associated with Bridlewood Section 2. Thus, no capital asset valuation change is needed.

The non-enforcement was approved by the Board at its meeting on November 25, 2013 and recorded under instrument #2013076078. Sureties for this project were held by the City of Westfield.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kenton C. Ward". The signature is written in a cursive style with a large, sweeping flourish at the end.

Kenton C. Ward, CFM
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Waterford at Bridgewater (D4 & K3)

I hereby certify that:

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

Signature:  Date: December 19, 2014

Type or Print Name: Dennis D. Olmstead

Business Address: Stoepelwerth & Associates, Inc.

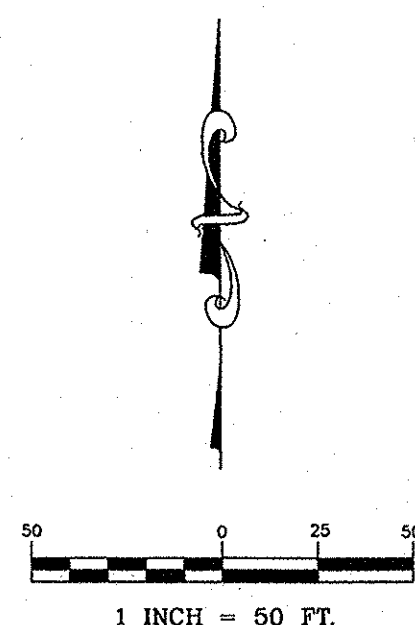
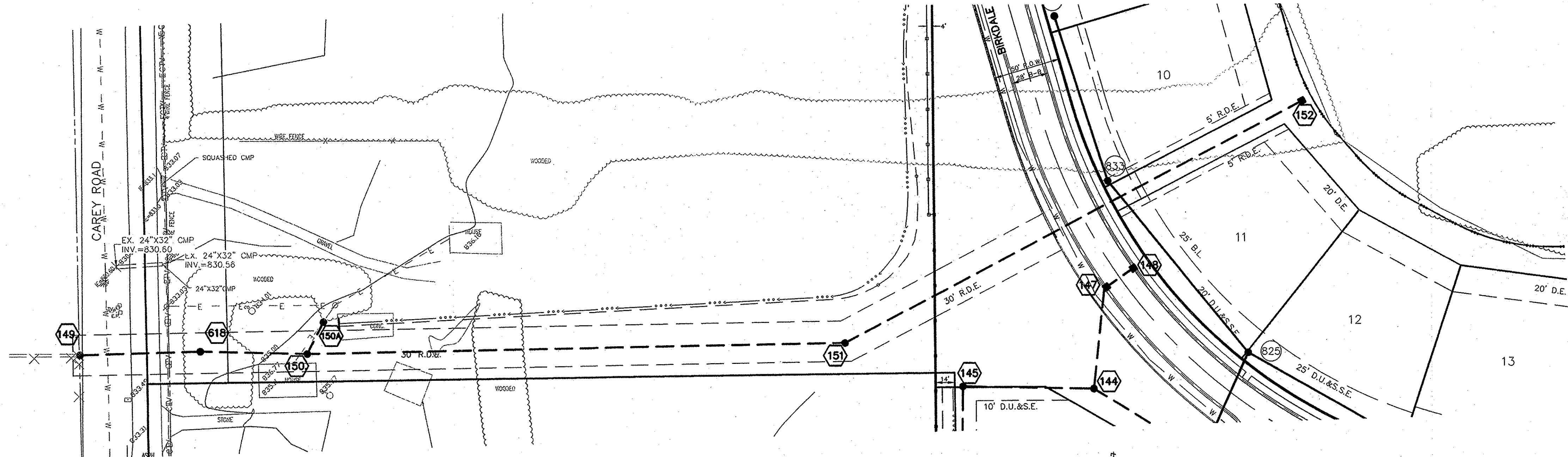
7965 East 106th Street, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

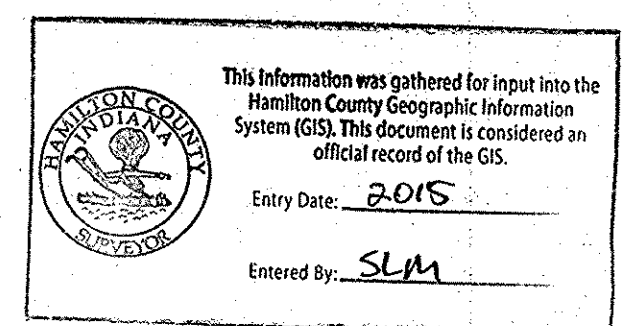
900012



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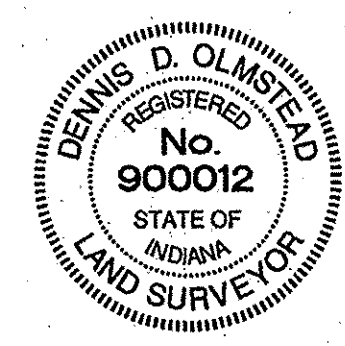
- ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE ONE 4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.
- ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.
- ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS 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 DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
- SUBSURFACE DRAIN TILES THAT OUTLET INTO A POND NEED TO HAVE A SCREEN ATTACHED TO THE END.
- DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.
- ALL INLETS DEEPER THAN 4 FEET NEED TO BE MANHOLES.

DENOTES FULL DEPTH GRANULAR BACKFILL

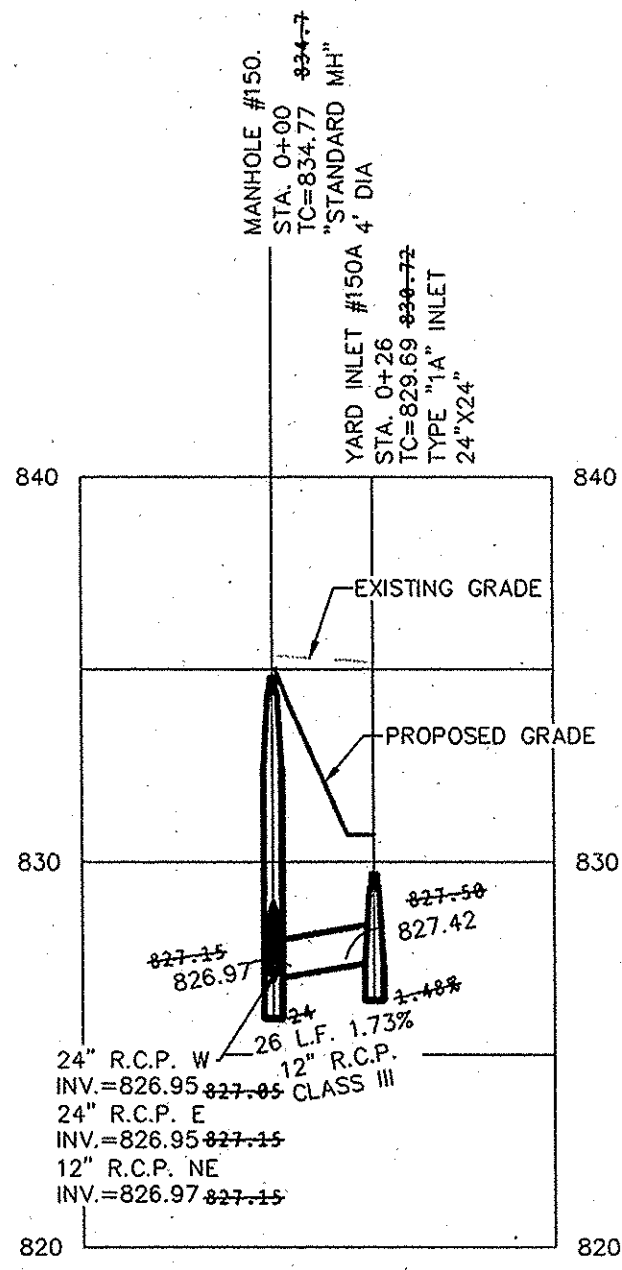


RECORD DRAWING

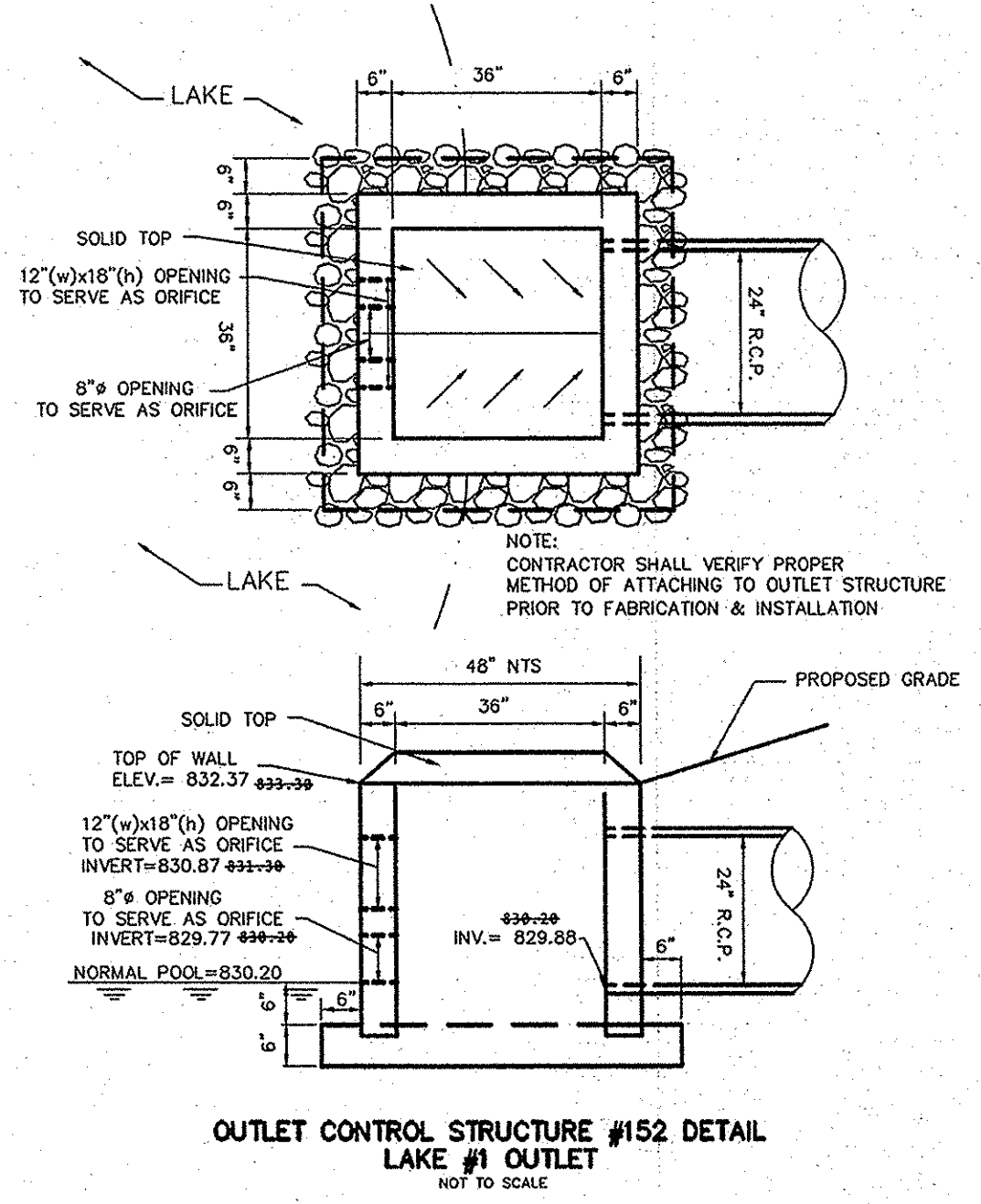
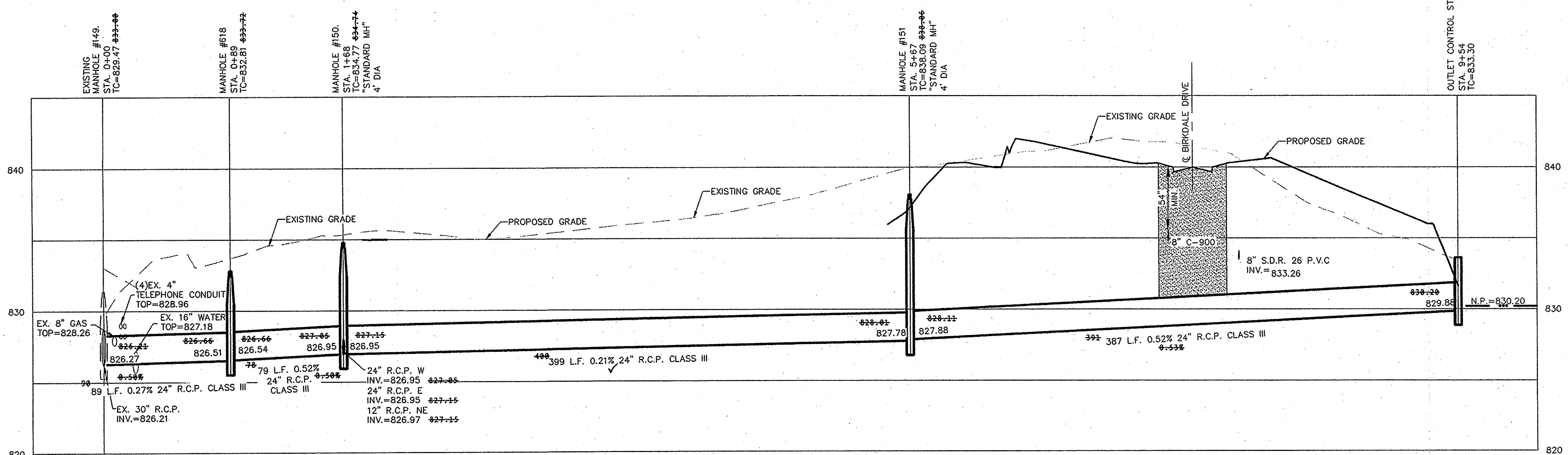
D.D.O.
 Dennis D. Olmstead
 Registered Land Surveyor
 No. 900012
 12/19/2013



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



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



STOEPPELWERTH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 7965 East 106th Street, Fishers, IN 46038-2505
 Phone: (317) 849-5935 Fax: (317) 849-5942

REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stoepelwerth
 CERTIFIED: 10/17/11

THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF STOEPPELWERTH & ASSOCIATES, INC.

DATE: 12/19/13
 MARK: ASB/LLS
 REVISIONS PER TAC COMMENTS: 12/19/13
 REVISIONS PER TAC COMMENTS: 12/19/13
 REVISIONS PER TAC COMMENTS: 12/19/13

STORM PLAN & PROFILE
WATERFORD AT THE BRIDGEWATER CLUB, SECTIONS D4 & K3
 HAMILTON COUNTY, INDIANA

DRAWN BY: KRG
 CHECKED BY: BAH
 SHEET NO. **C602**
 S & A JOB NO. 56030THR-SD4