

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

April 12, 2010

To: Hamilton County Drainage Board

Re: Mud Creek/Sand Creek Drain, Russell Johnson Arm, Somerset Section 4 Relocation

Attached is a 52.5 petition and plans for the proposed relocation of the Mud Creek/Sand Creek Drain, Russell Johnson Arm, Somerset Section 4 Relocation. The relocation is being proposed by Somerset Residential Development, LLC. The proposal is to relocate the drain across parcel 13-11-33-00-00-006.002, owned by Somerset Residential Development LLC., as part of the Somerset Section 4 project per plans by Stoeppelwerth, Job. No. 46270S4, revision date March 19, 2010.

Per the plan, storm sewer pipes will be rerouted around Lot 111 and outlet into the existing open ditch. This relocation involves a portion of the Sandstone Arm per my report dated March 24, 2003 and approved at hearing on April 28, 2003. (See Drainage Board Minutes Book 7, Pages 40-42).

This line will consist of the following:

Parallel (twin)

80' of 24" RCP
80' of 30" RCP
132' of 42" RCP

The total length of the relocated drain shall be 212 feet. The 115 feet of storm drain between Structure 289 and 289A shall be removed. This proposal will add 97 feet to the drain's total length.

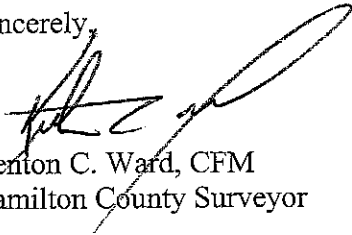
The cost of the relocation is to be paid by Somerset Residential Development LLC. The developer has provided the Performance Bond as follows:

Name of Bonding Co.: The American Institute of Architects
Bond Number: 8972.321
Bond Date: March 8, 2010
Bond Amount: \$43,611.91

Attached is a non-enforcement request. The easement for the new drain will be as per the drainage easements per the secondary plat for Somerset Section 4 as recorded in the Hamilton County Recorders Office. I recommend approval of the non-enforcement by the Board.

The project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, I recommend approval by the Board.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', is written over a diagonal line that extends from the signature down towards the typed name below.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: Somerset, Section 4)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

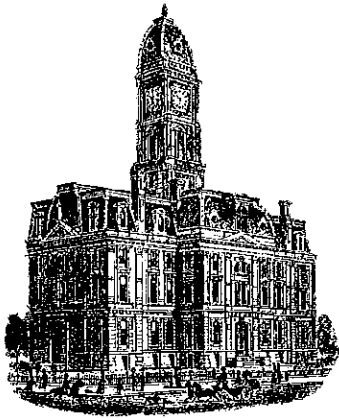
Somerset Residential Development, LLC (hereinafter "Petitioner"),

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

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

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

Mark Gradison
Signed
Mark Gradison
Printed



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

To: Hamilton County Drainage Board

September 9, 2011

Re: Mud Creek – Sand Creek: Russell Johnson – Somerset Sec. 4 Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Russell Johnson. 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 April 12, 2010. The report was approved by the Board at the hearing held April 26, 2010. (See Drainage Board Minutes Book 12, Pages 483-484) The changes are as follows: The 24" RCP was shortened from 80 feet to 66 feet. The 30" RCP was shortened from 80 feet to 66 feet. The 42" RCP was lengthened from 132 feet to 133 feet. The length of the drain due to the changes described above is now **199 feet**. The project removed 115 feet pipe between Structures 289 and 289A. Also removed were 65 feet of open ditch between Sta. 0 & Sta.0+65 of the original Russell Johnson Drain. Therefore, the project added 19 feet to the watershed's overall length.

The non-enforcement was approved by the Board at its meeting on April 26, 2010 and recorded under instrument #2010057727. The following sureties were guaranteed by Fidelity and Deposit Company of Maryland and released by the Board on its September 26, 2011 meeting.

Bond-LC No: 8972321
Insured For: Storm Sewers
Amount: \$43,611.91
Issue Date: March 8, 2010

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

Sincerely,

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **Somerset, Section 4**

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: November 5, 2010

Type or Print Name: Dennis D. Olmstead

Business Address: Stoepelwerth & Associates, Inc.

9765 East 106th Street, Fishers, Indiana 46038

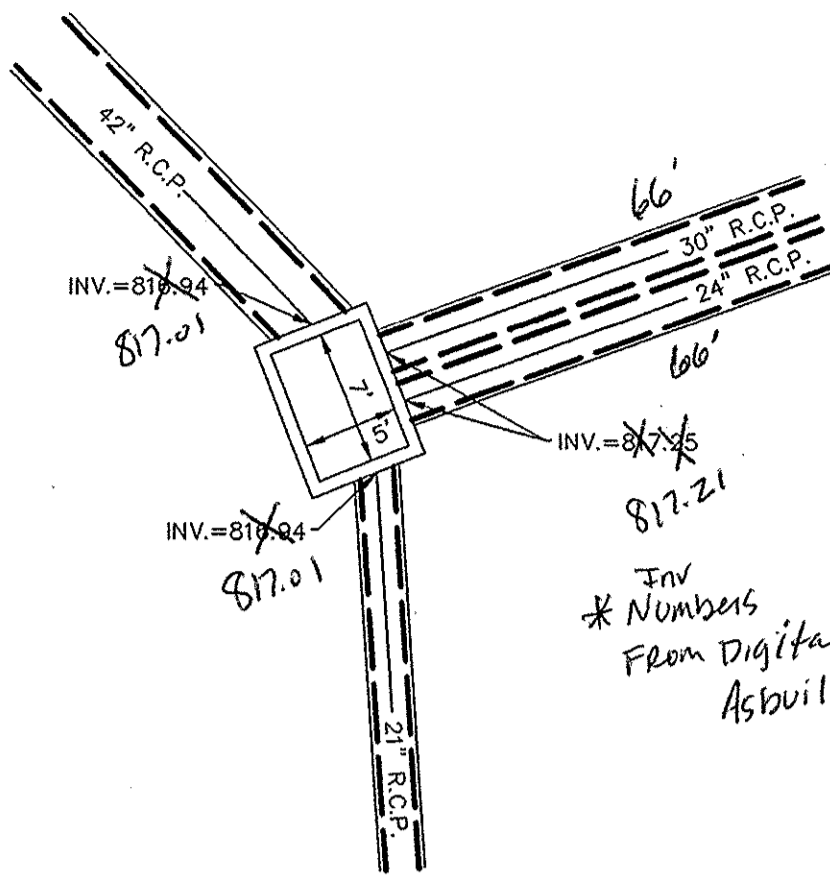
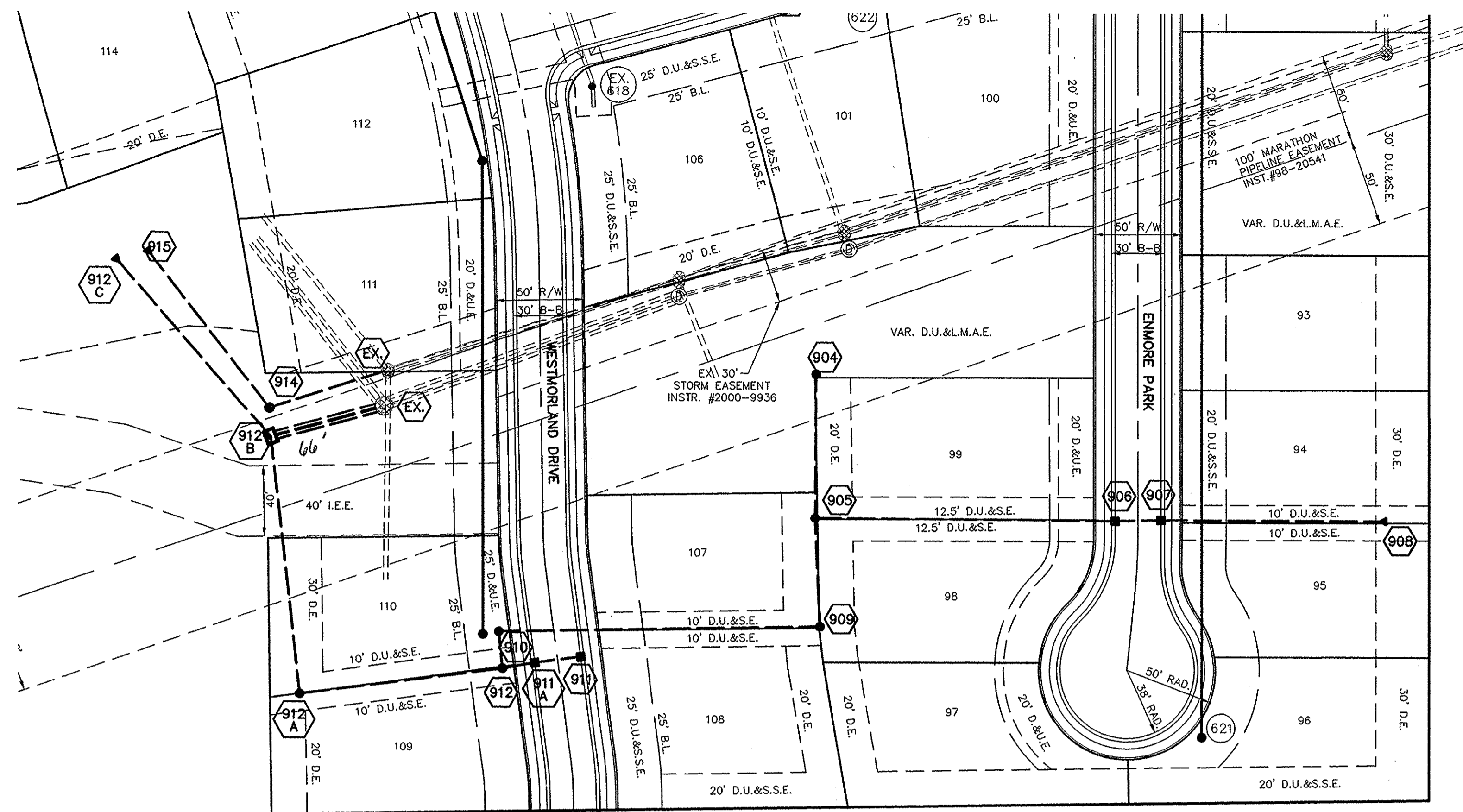
Telephone Number: (317) 849-5935

SEAL

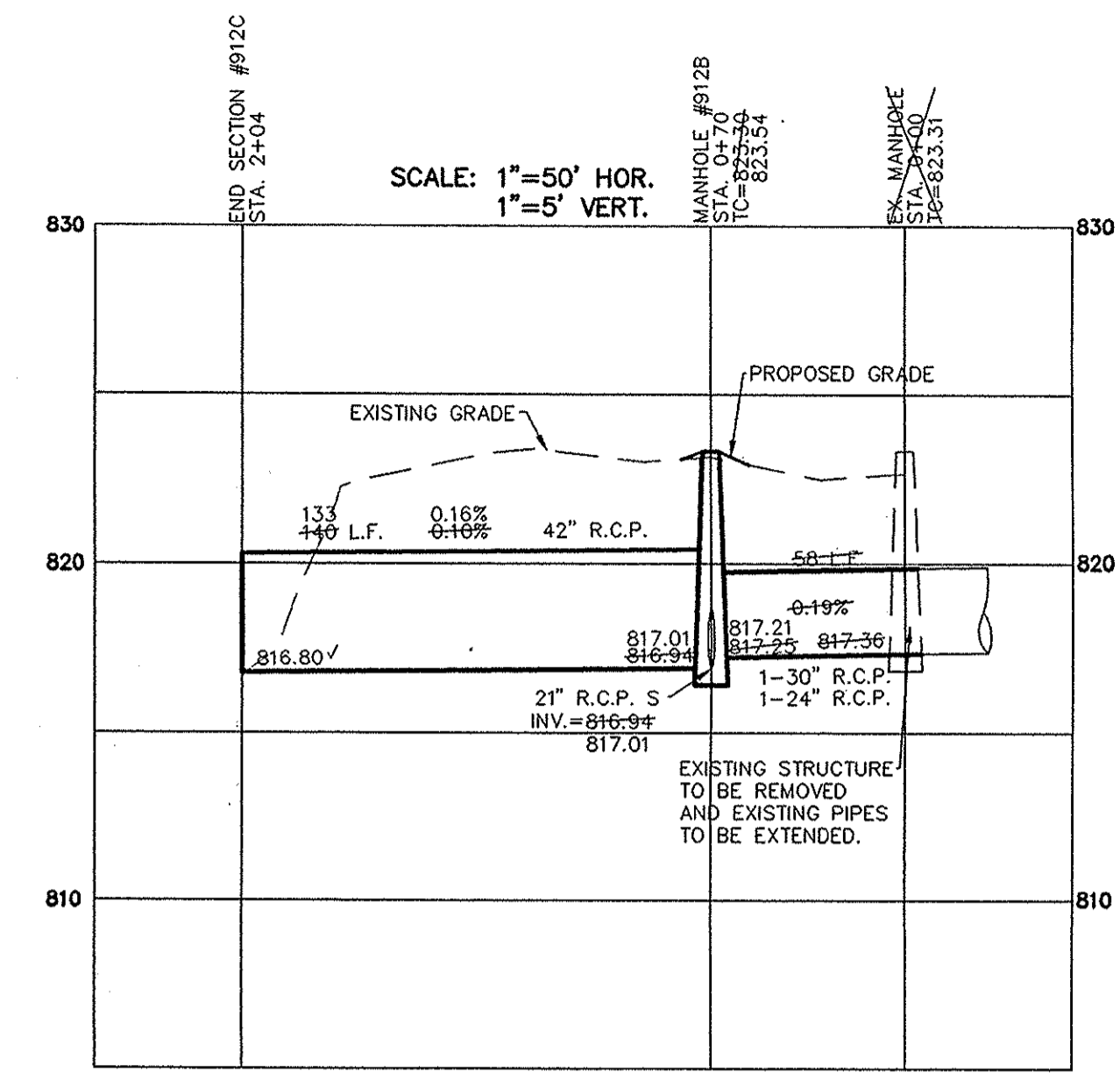
INDIANA REGISTRATION NUMBER

900012

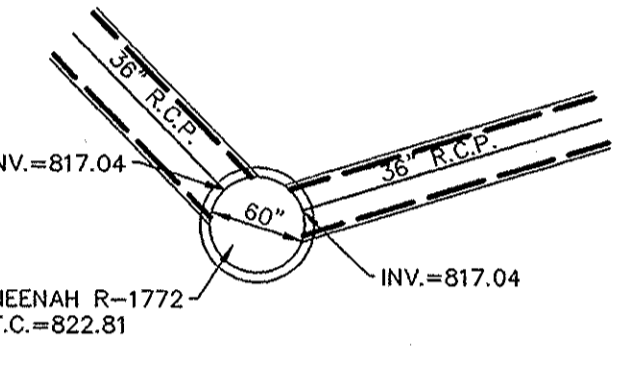




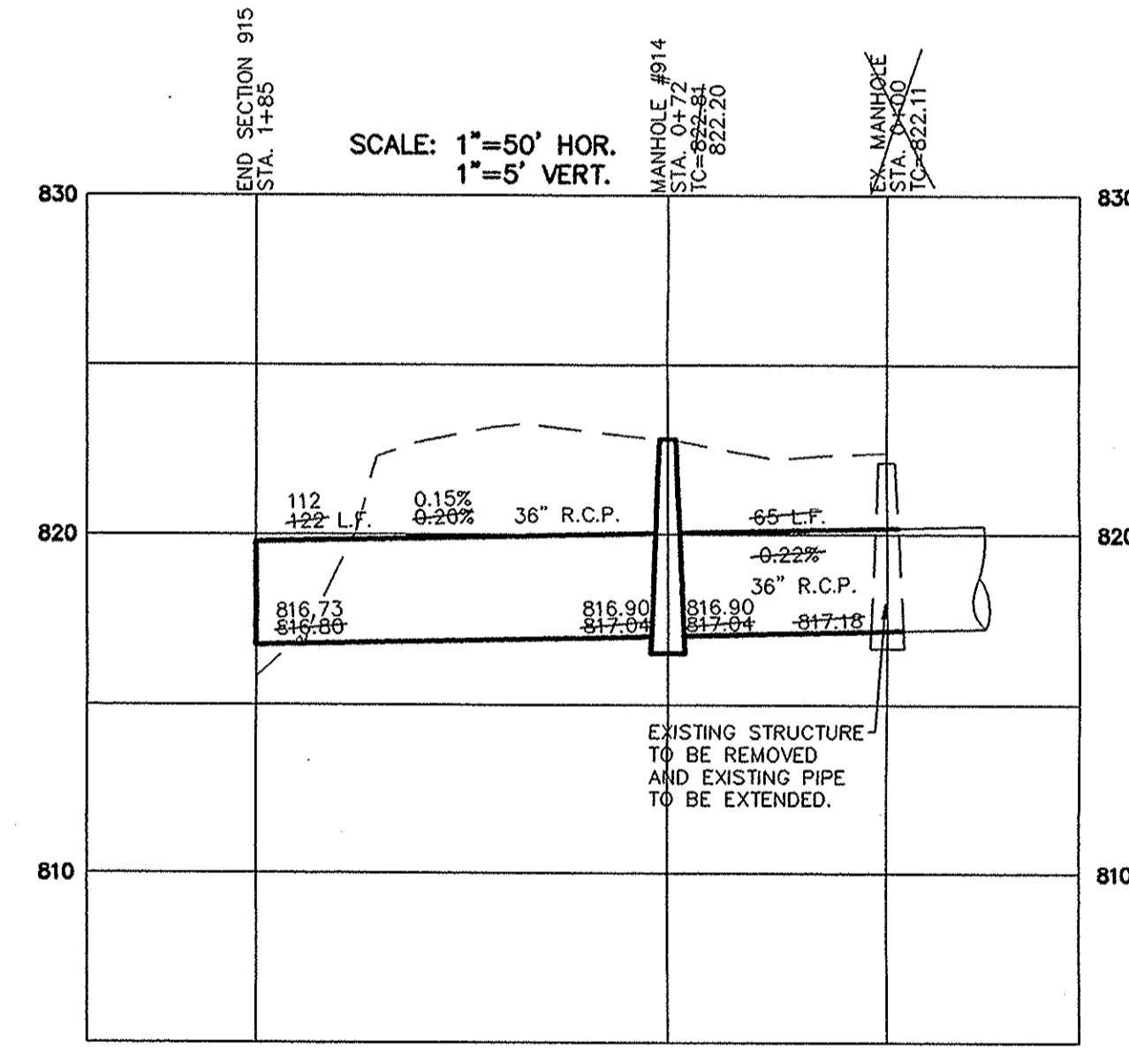
STR. 912B DETAIL
SCALE: 1"=10'



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



STR. 914 DETAIL
SCALE: 1"=10'



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

NOTE:
ALL STORM CASTINGS SHALL BE LABELED
"DUMP NO WASTE-DRAINS TO FRESH WATER"

NOTE:
STORM STRUCTURES RECEIVING
SUB-SURFACE DRAIN (SSD) SHALL HAVE
BOTH PORTS CORE DRILLED. T OR Y BLIND
CONNECTIONS ARE NOT ALLOWED.

NOTE:
CONTRACTOR SHALL COORDINATE WITH THE
HAMILTON COUNTY SURVEYORS OFFICE IN
REGARDS TO CLEARING THE UNDERBRUSH
WITHIN THE RUSSELL JOHNSON LEGAL DRAIN.
SEE DETAIL SHEET C600.
HAMILTON COUNTY SURVEYORS OFFICE
317-776-8495

OFFICE OF THE HAMILTON COUNTY SURVEYOR.

CLEARING SPECIFICATIONS

WHAT TO CLEAR

1. Clear all woody vegetation (trees, willows, brush, briars and cacti).
2. Clear both ditch banks to the top of the bank. Clear the ditch bottom and remove all debris and obstructions within the channel.
3. On the working side, clear only enough room to complete the intended operation such as spreading soil or installing an erosion control structure. If more than 75 feet is needed, the Hamilton County Surveyor must be contacted before additional clearing can be done.

OTHER NOTES

1. Cut trees as shown in the diagram below. Cut the stump flush with the ground, no more than 6 inches high. Cut the stump at the same angle as the ditch bank.
2. Treat stumps with an approved EPA brush killer according to the contract specifications.
3. Remove stumps if the bank is restored or for proper channel alignment.

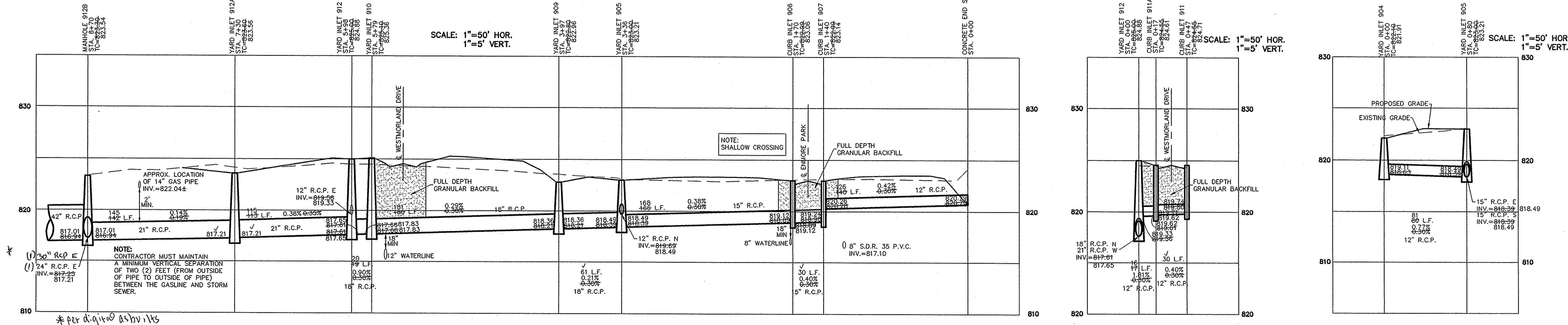
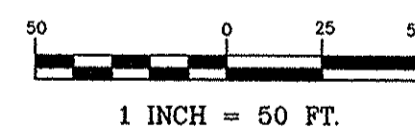
APPROVED: KENTON C. YARD, HAMILTON COUNTY SURVEYOR

STANDARD PLAN
OD-1

RECORD DRAWING

DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012

10/4/2020
DATE



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

CERTIFIED:

STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
7965 East 106th Street, Fishers, IN 46038-2005
Phone: (317) 849-5935 Fax: (317) 849-5942
Toll Free: (800) 728-8917

REGISTERED PROFESSIONAL ENGINEER
NO. 10200495
STATE OF INDIANA

STORM SEWER PLAN & PROFILE
SOMERSET
SECTION 4

DRAWN BY: AAA/DLL
CHECKED BY: BKR

SHEET NO. C600

8 & A JOB NO. 4627054

HAMILTON COUNTY, INDIANA
FISHERS

REV	DATE	BY	REVISIONS
ASBUILT	10/11/20		
REV PER COMMENTS	5/7/10		
REVISE PROFILES	5/19/10		
REV PROF 914-915, 919-920C	7/7/10		
REV PROF 911-912, REV D1LS	7/20/10		
REVISED PER COMMENTS	9/14/09		
REVISED PROFILE	5/25/09		
REVISED PER TAC COMMENTS	9/15/09		