



*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 11, 2011

To: Hamilton County Drainage Board

Re: Anna Kendall Drain, EM Osborn Arm 4 – Maples at Springmill Section 2 Relocation

Attached is a petition and plans for the proposed relocation of the Anna Kendall Drain, EM Osborn Arm 4. The relocation is being proposed by WLB Associates, Inc. The proposal is to relocate the drain for the revised building plan for this development. The relocation is as shown per plans by EMH & T, Inc, having Job No. 2009-0124, and dated March 22, 2011.

The relocation shall begin at Str. 59 on the prior Maples at Springmill Section 2 Reconstruction and then run 42 feet east along the north property line with 12" RCP to new Str. 508 per the plans, then turning south along the east property line 148 feet with 12" RCP to Str. 507, which will set on the original tile at approximate Sta. 7+85.

The total length of new drain shall be 180 feet. The 172 feet of original drain between Structure 59 and original drain Sta. 7+85 shall be vacated. This proposal will add 8 feet to the drain's total length. The relocation is located in existing platted regulated drain easement.

The cost of the relocation is to be paid by WLB Associates, Inc. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a noticed hearing is not required for the petition.

The petitioner has provided the Performance Bond as follows:

Bonding Company: Bond Safeguard Insurance Company  
Bond Number: 5037210  
Bond Date: July 11, 2011  
Bond Amount: \$52,077.63

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request is for the reduction of the regulated drain easement to those easement widths as shown of the secondary plat for Replat of Blocks 20, 21, 22, 23, 24, 25, and 26 of Maples at Springmill Section 2 (PC 4, Slide 637) as recorded in the office of the Hamilton County Recorder.

I recommend approval by the Board at this time.

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll



HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA


IN RE: \_\_\_\_\_ )  
Hamilton County, Indiana )

PETITION FOR RELOCATION AND RECONSTRUCTION

\_\_\_\_\_ WLB Associates, Inc. \_\_\_\_\_ (hereinafter "Petitioner"),  
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a  
section of the \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ Drain, and in support of  
said petition advises the Board that:

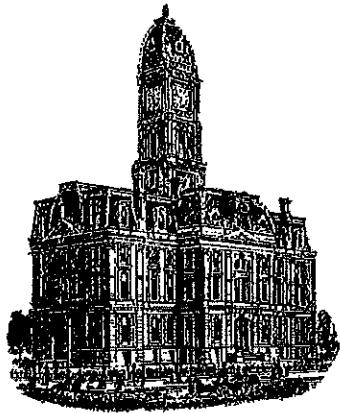
1. Petitioner owns real estate through which a portion of the \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ 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 \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ Drain, without cost to other property owners on the watershed of the \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ 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 \_\_\_\_\_ E.M. Osborne \_\_\_\_\_ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

  
\_\_\_\_\_  
Signed  
Wayne Beverage  
\_\_\_\_\_  
Printed



KLW



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**

**February 6, 2017**

**Re: Anna Kendall: Maples at Springmill Section 2 Relocation of the EM Osborn Sec. 4 Arm**

Attached are as-built, and other information for Maples at Springmill Section 2 Relocation of the EM Osborn Sec. 4 Arm. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

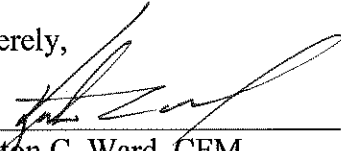
During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated October 11, 2011. The report was approved by the Board at the hearing held October 24, 2011. (See Drainage Board Minutes Book 14, Pages 2-3)  
The changes are as follows: the 12" RCP was shortened from 180 feet to 171 feet. The length of the drain due to the changes described above is now **171 feet**. The project removed the existing 10" tile from Station 7+46 to Station 7+87 and 127 feet of existing 12" RCP installed with Maples at Springmill 2007 Relocation. Therefore, the project added 3 feet to the drain's overall length.

The non-enforcement was approved by the Board at its meeting on October 24, 2011 and recorded under instrument #2011053555. The following sureties were guaranteed by Bond Safe Guard and expired on July 11, 2013.

Bond-LC No: 5037210  
Amount: \$52,077.63  
For: Storm Sewers & SSD  
Issue Date: July 11, 2011

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', written over a horizontal line.

Kenton C. Ward, CFM  
Hamilton County Surveyor

**OFFICE OF THE HAMILTON COUNTY SURVEYOR**

PIPE SIZE (INCHES)	STRUCTURES LESS THAN 48" FROM 7/8 TO INVERT (INCHES)	MAXIMUM NUMBER OF SIDES OF THE BOX WITH PIPES	MINIMUM ANGLE BETWEEN PIPE (NUMBER OF PIPES - ANGLE IN DEGREES)	STRUCTURES GREATER THAN 48" FROM 7/8 TO INVERT	CURB CASTING PER DETAIL CT-7 OR CT-8
12 TO 16	24 X 24 BOX	3	2 - 135	MANHOLE DETAIL D-20 OR NOTE 2	YES
15 TO 18	30 X 30 BOX	3	2 - 135	MANHOLE DETAIL D-20 OR NOTE 2	YES WITH BOX/MH LID
18 TO 24	24 X 36 OR 36 X 36 BOX	3	2 - 135	MANHOLE DETAIL D-20 OR NOTE 2	YES WITH BOX/MH LID
24 TO 60	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	MANHOLE DETAIL D-21 OR NOTE 2	YES WITH BOX/MH LID
66 TO 144	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	MANHOLE DETAIL D-22 OR NOTE 2	YES WITH BOX/MH LID

**NOTES**

- UP TO 16" PIPE CAN BE INSTALLED IN 24" SIDE. ALL OTHER PIPES SHALL BE INSTALLED IN LONG SIDE OF BOX.
- A BOX WITH STEPS WITH WRITTEN SPECIAL DESIGN APPROVAL FROM HCSO.
- A PIPE INSTALLED IN THE CORNER OF A BOX COUNTS AS USING 2 SIDES OF THE BOX.
- STRUCTURES SHALL BE DESIGNED FOR MAXIMUM FLOW THROUGH STRUCTURE.

**SPECIAL NOTE:** ALL STRUCTURES REQUIRE 0.1' OF DROP ACROSS THE STRUCTURE LOWEST INLET INVERT TO OUTLET INVERT.

**SPECIAL NOTE:** ALL MANHOLES SHALL HAVE STEPS TO WITHIN A MAXIMUM OF 1 FOOT FROM BOTTOM OF STRUCTURE. INSPECTOR MAY REQUIRE STEPS TO BE INSTALLED OR MOVED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

**SPECIAL NOTE:** IF CURB INLET STRUCTURE IS TO HAVE 2 FOOT SUMP, THEN THE STRUCTURE SHALL BE A MINIMUM OF A 48" MANHOLE OR A 3 FOOT BY 4 FOOT BOX.

**SPECIAL NOTE:** DOUBLE INLET BOX STRUCTURES SHALL PROVIDE SUPPORT FOR ALL 4 SIDES OF THE CASTING.

**SPECIAL NOTE:** ALL CASTINGS SHALL BE PER THE APPROVED CASTING DETAILS OR BY SPECIAL WRITTEN APPROVAL FROM HCSO.

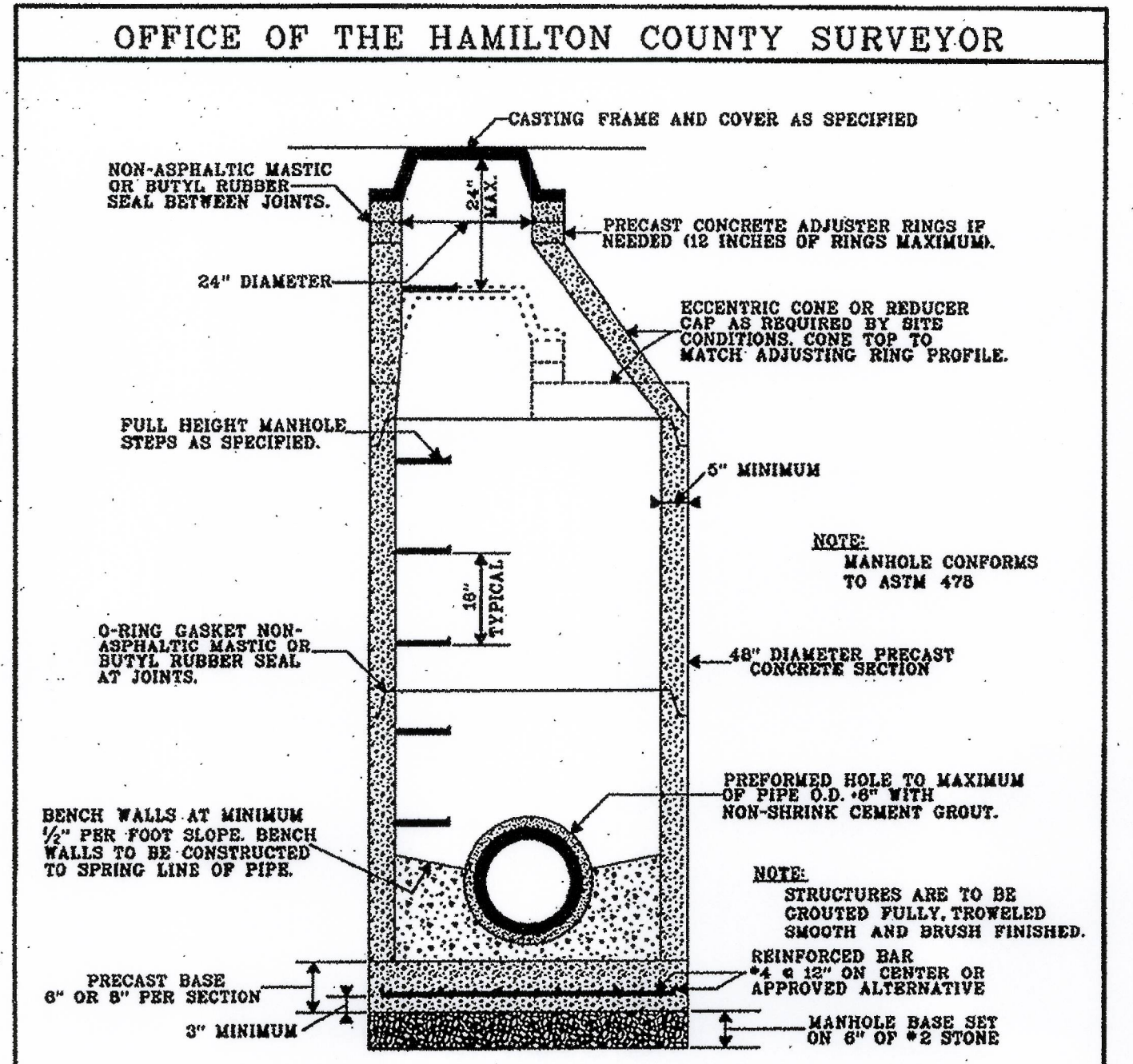
**SPECIAL NOTE:** NO "DOCHOUSE" STRUCTURES ARE ALLOWED.

**HAMILTON COUNTY SURVEYOR'S OFFICE**

**STORM STRUCTURE SIZING TABLE**

REVISOR: 18 DEC 2006

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: *2/1/07* STANDARD PLAN D-18

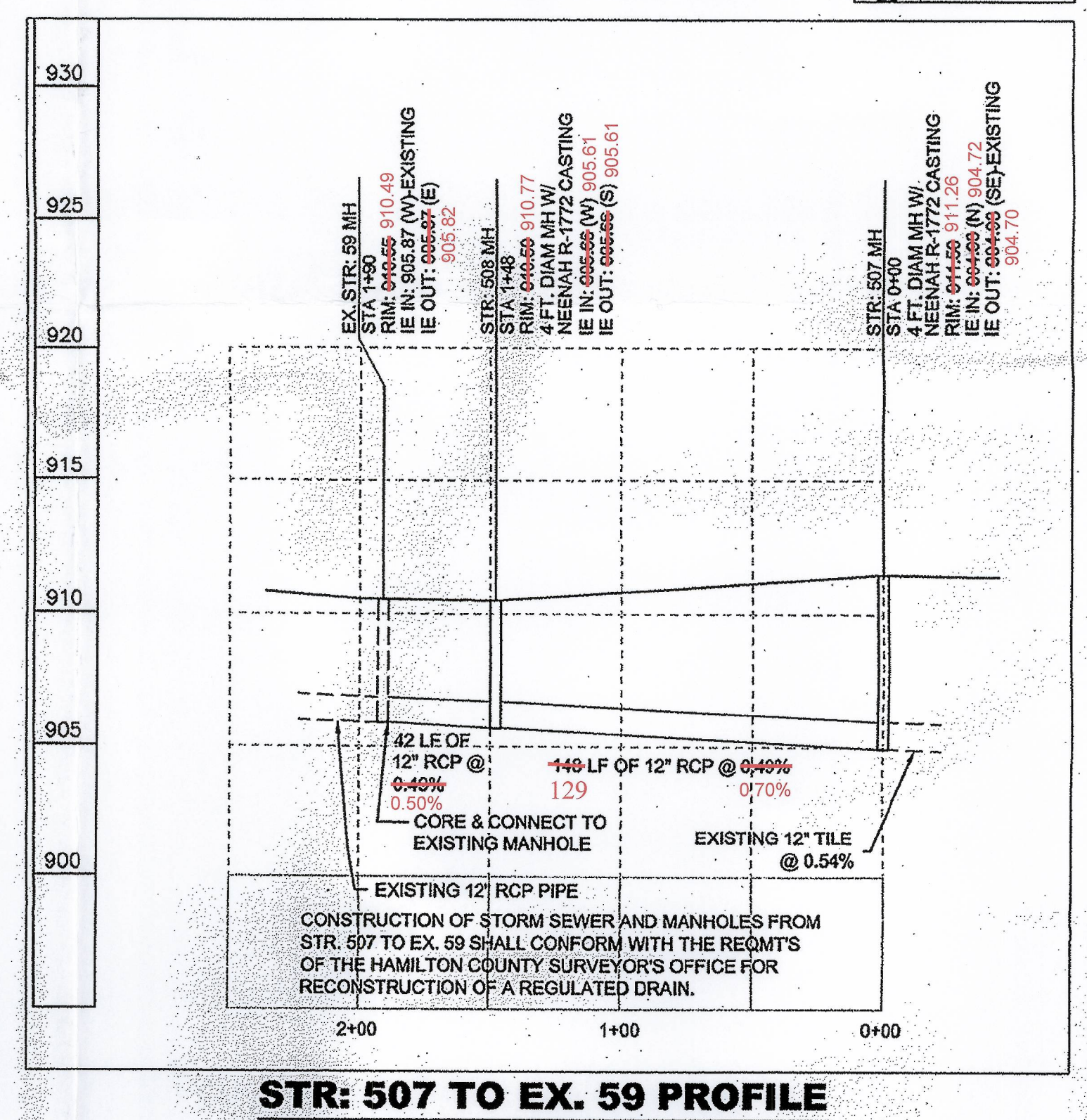
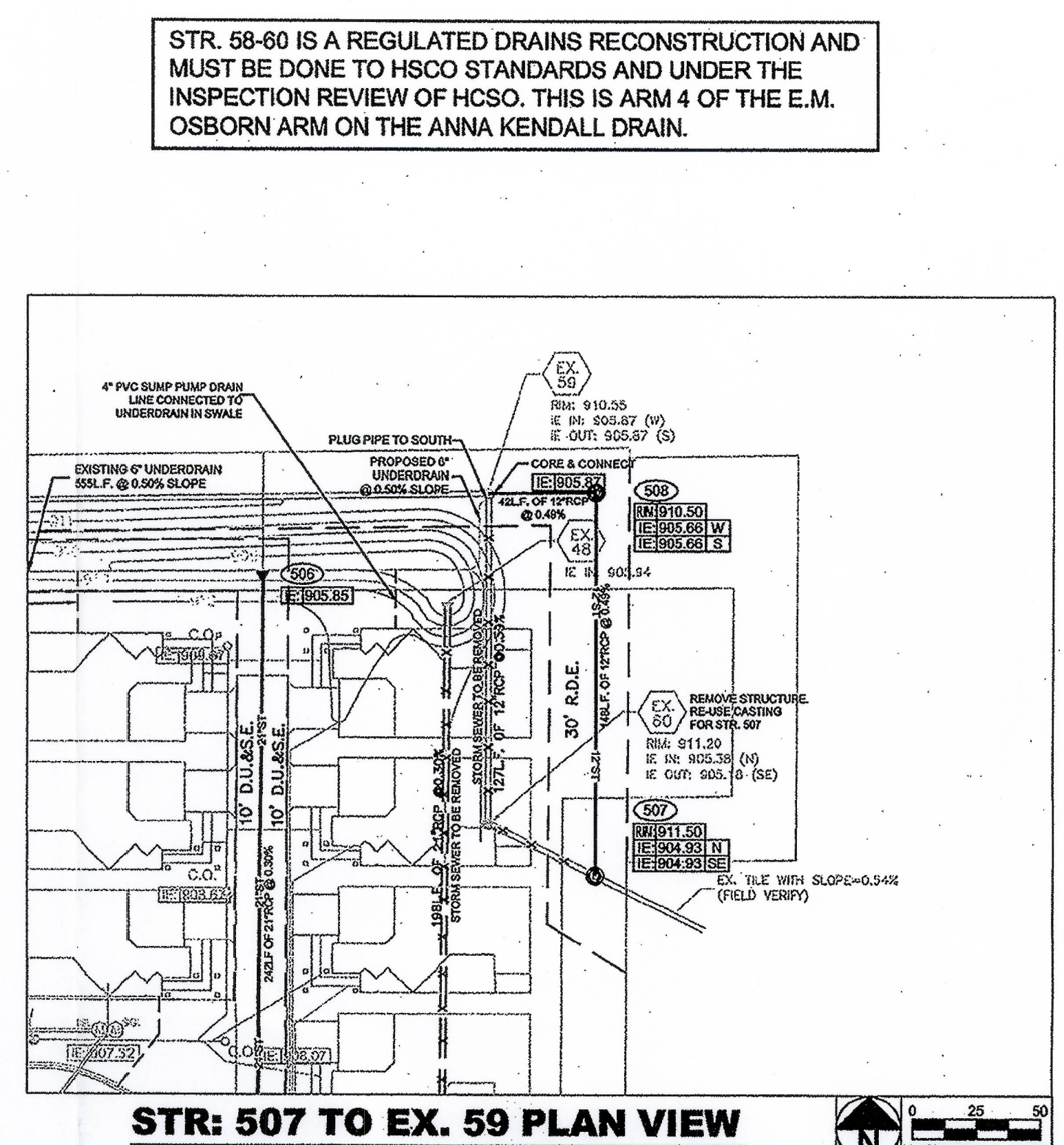
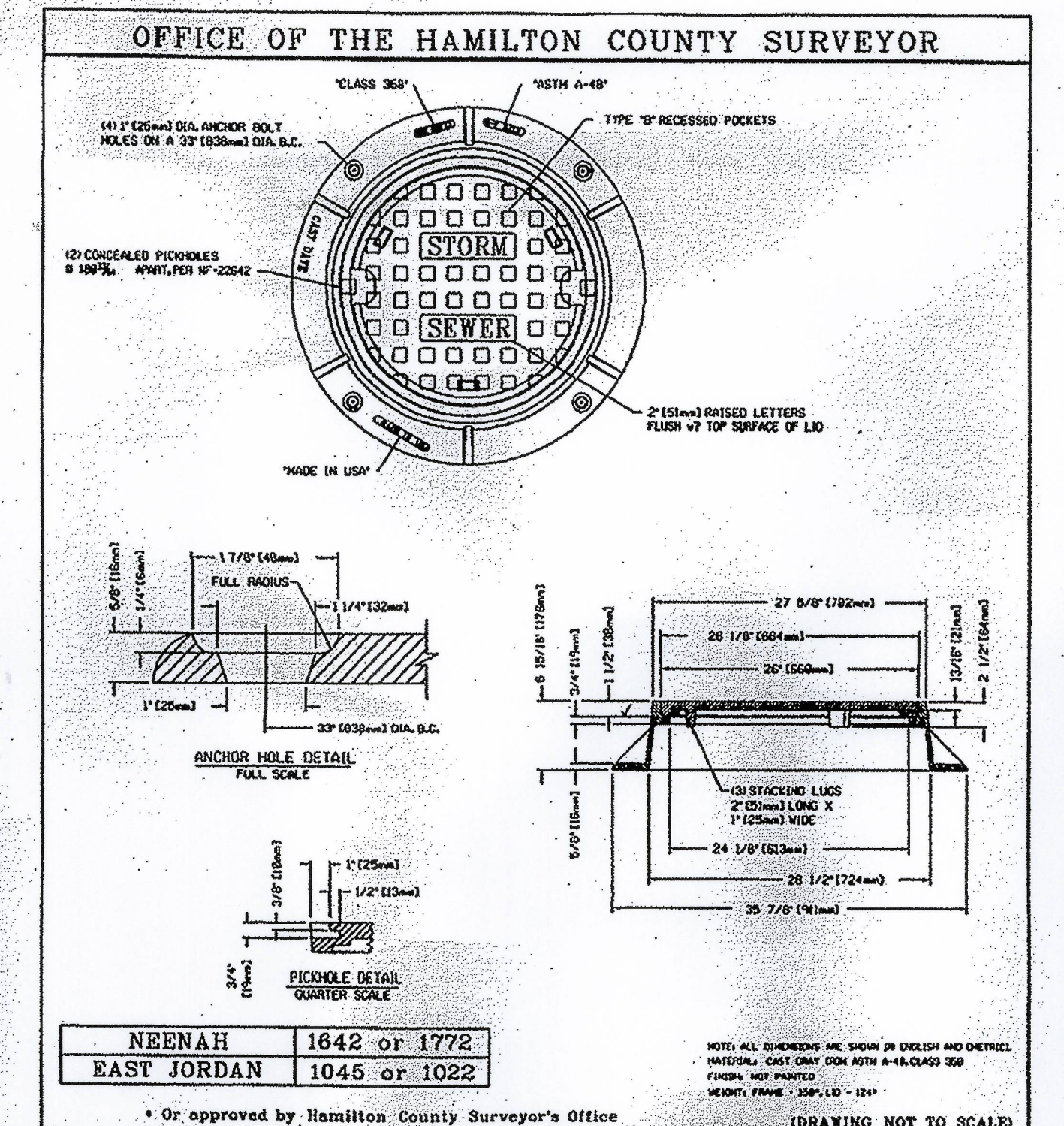
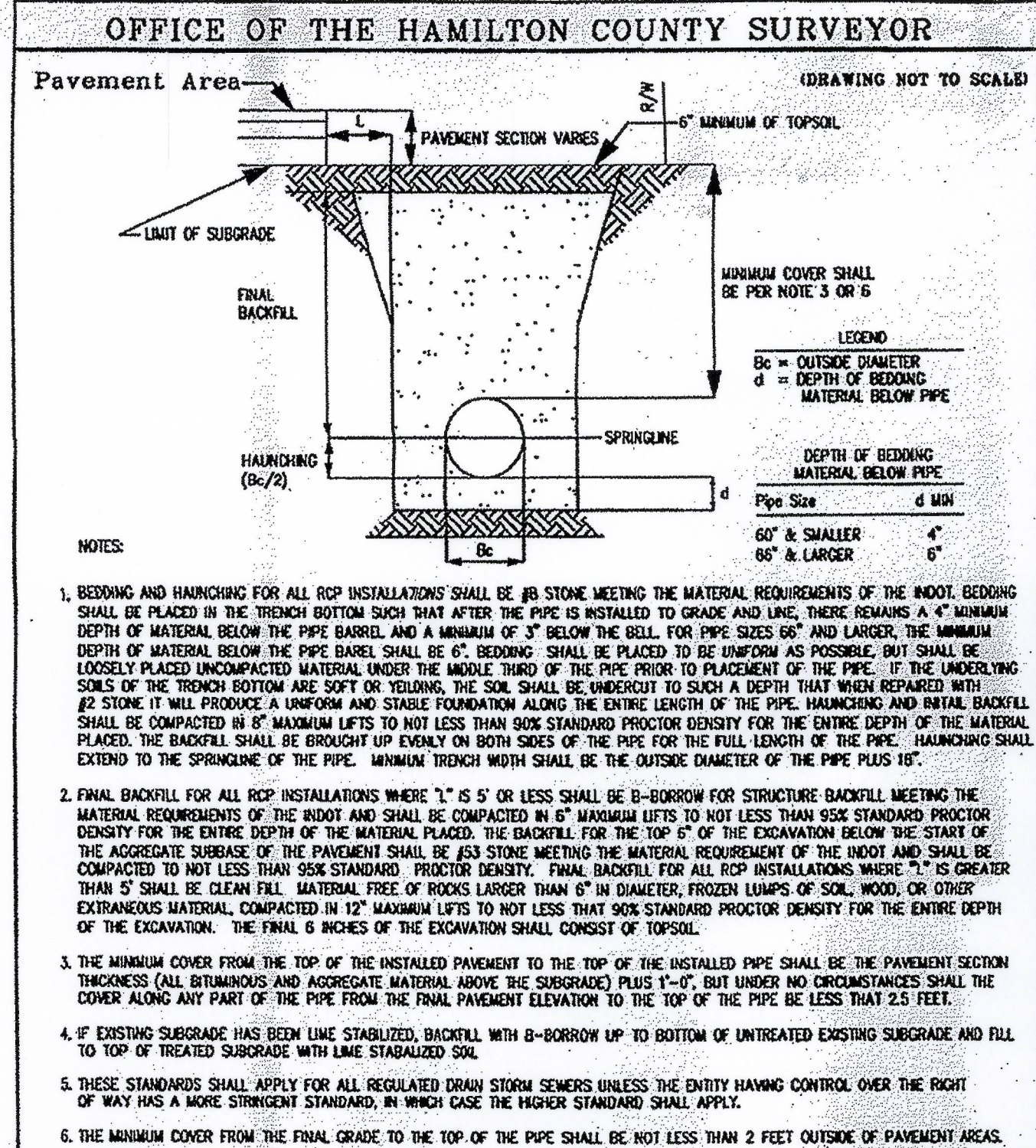


**HAMILTON COUNTY SURVEYOR'S OFFICE**

**STANDARD PLAN**

REVISOR: 1 FEB 2002

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: *2/1/02* STANDARD PLAN D-20



**HAMILTON COUNTY SURVEYOR'S OFFICE**

**APPROVED**

DATE: 2/5/07

Approved where drainage plans comply with Hamilton County Regulated Drain Design Standards only and does not imply Drainage Board acceptance nor secondary plat approval.

Entered By: *SLM*

- STORM SEWER NOTES**
- ALL STORM SEWER CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS OF THE AGENCY OR AGENCIES HAVING JURISDICTION OF THE STORM SEWER SYSTEM AND CONSTRUCTION AREA.
  - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
  - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
  - FIELD ADJUSTMENTS OF RIM ELEVATIONS OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. MAXIMUM HEIGHT OF ADJUSTING RINGS SHALL NOT EXCEED 12 INCHES.
  - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
  - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
  - FILL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
  - PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
  - CASTINGS LOCATED WITHIN ASPHALT PAVEMENT AREAS SHALL INCLUDE A CONCRETE PAVED COLLAR EXTENDING A MINIMUM OF 12 INCHES IN ALL DIRECTIONS FROM THE EDGE OF THE CASTING PER THE DETAILS.
  - ALL STORM CASTINGS SHALL HAVE A "NO DUMPING, DRAINS TO WATERWAY" MESSAGE ON THEM.

**Certified As-Built Information Only**

Information collected by Hamilton County Surveyor's Office and marked up on design plans by Civil Engineer.

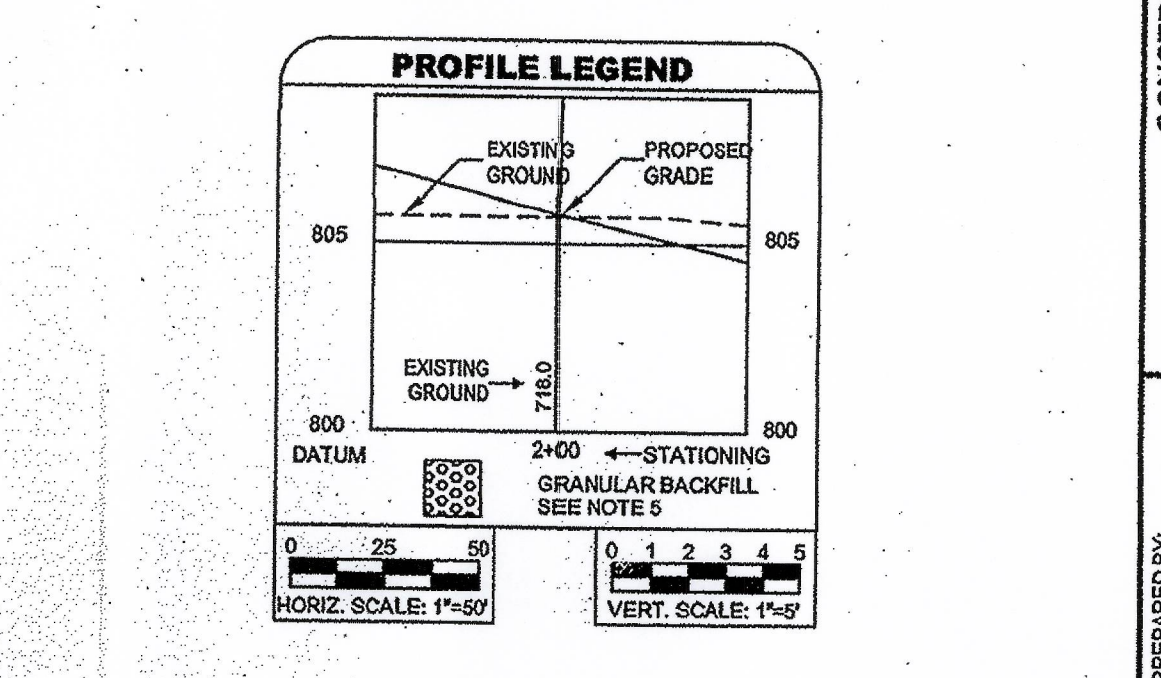
By: *Brian K. Rayl*

BRIAN K. RAYL  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. LS 20100070  
DATE: FEBRUARY 2, 2017

**STORM SEWER LEGEND**

**PROPOSED IMPROVEMENTS**

LINE TYPE / SYMBOL	DESCRIPTION
— RD —	ROOF DRAIN COLLECTOR SIZE AS SHOWN
— SS —	STORM SEWER SIZE AS SHOWN
— SSS —	SUB-SURFACE DRAIN (SSD) SIZE AS SHOWN
— S —	STORM STRUCTURE NO. RIM ELEVATION INVERT ELEVATION
— C.O.C. —	SEWER CLEANOUT SOLID CASTING
— C.B.I. —	CATCH BASIN INLET RIM ELEVATION INVERT ELEVATION
— B.Y.I. —	BEEHIVE/YARD INLET
— C.I. —	CURB INLET
— D.S. —	BUILDING DOWNSPOUT



**PLANS ACCEPTED**

CITY OF  
**Westfield**  
INDIANA

Date Accepted: *2/1/07* Accepted By: *[Signature]*

**BENCHMARK DATA**

PROJECT BENCHMARK (TBM 1):  
CUT SQUARE IN TOP OF CURB IN SPRINGLAKE DRIVE 104'-E. FROM END OF EXISTING SECTION OF COUNTRYSIDE SUBDIVISION 125'-W. WEST OF CENTERLINE OF ENGLISH GREEN ON SOUTH SIDE OF ROAD 2.5'-N. NORTH OF DYE DRAIN.  
ELEVATION = 910.87

SITE BENCHMARK (TBM 2):  
RR SPIKE SET 1'-4" UP IN EAST SIDE OF A POWER POLE. 2ND POLE NORTH OF 160TH ON THE WEST SIDE OF SPRINGMILL ROAD. LINES ARE RUNNING NORTH AND SOUTH WITH A SERVICE SOUTHWEST TO ADDRESS #1800.  
ELEVATION = 920.03

**811**

Know what's below.  
Call before you dig.

PREPARED FOR:  
MAPLES AT SPRINGMILL  
P.O. BOX 1018  
17083 HUNTLEY PLACE  
WESTFIELD, IN, 46074  
Ph: 317.431.1659

CONSTRUCTION PLANS FOR  
**Maples at Springmill**  
Section 2 Replat  
Westfield, Indiana

PREPARED BY:  
**EMH&T**  
ENGINEERS & ARCHITECTS  
700 N. Broadview Ave., Ste. 100, Indianapolis, IN 46204  
Phone: 317.713.8500  
www.emh&t.com

Job No. 2009-0124

RICHARD J. KELLY  
REGISTERED PROFESSIONAL ENGINEER  
No. PE19500055  
STATE OF INDIANA

Date: March 22, 2011  
Scale: 1" = 50'

Title: **STORM SEWER PLAN & PROFILES**

Sheet: **C3.1**

C:\PROJECTS\2009\0124\Maples at Springmill\0124-C3.0 STR. P&P.dwg plotted by REIDNER on 3/24/2011 1:26:59 PM. Xref: 2009-0124-C3.dwg & 2009-0124-C3.dwg