
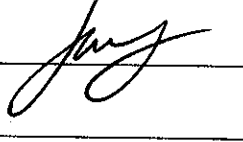


**Drain:** CHARLES OSBORN & JR CULLINS #2 **Drain #:** 8495  
**Improvement/Arm:** CENTENNIAL SECTION 8 RECONSTRUCTION  
**Operator:** J. LIVINGSTON **Date:** 5-12-04  
**Drain Classification:** Urban/Rural **Year Installed:** 2003

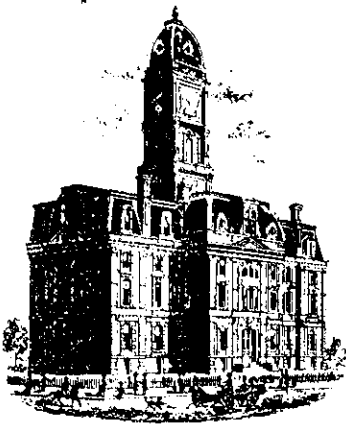
### GIS Drain Input Checklist

- Pull Source Documents for Scanning 
- Digitize & Attribute Tile Drains \_\_\_\_\_
- Digitize & Attribute Storm Drains \_\_\_\_\_
- Digitize & Attribute SSD \_\_\_\_\_
- Digitize & Attribute Open Ditch \_\_\_\_\_
- Stamp Plans \_\_\_\_\_
- Sum drain lengths & Validate \_\_\_\_\_
- Enter Improvements into Posse 
- Enter Drain Age into Posse \_\_\_\_\_
- Sum drain length for Watershed in Posse \_\_\_\_\_
- Check Database entries for errors \_\_\_\_\_

Centennial Section 8 = 2931'  
Arm 3 Reconstruction = 50' <sup>POSSE</sup> > 2981'

Bond Amt. = \$364,091.00

$$\frac{50'}{2981'} = 1.7\% \times 364,091.00 = 6,189.55$$



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*  
Phone (317) 776-8495  
Fax (317) 776-9628

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

To: Hamilton County Drainage Board

July 3, 2003

Re: Charles Osborne & J. R. Collins #2 Drain

Attached is a petition and plans for the proposed relocation of the Osborne & Collins Drain. The relocation is being proposed by CEC Associates. The proposal is to intercept Arm 3 of the Osborne-Collins Drain at the south right of way of 156<sup>th</sup> Street and convert a portion of the open ditch to a 30" storm sewer. Also rip rap 240 feet of the existing open ditch from the outlet of the new storm sewer outlet to Lake #4 in Common Area #1 of Centennial Section 2.

This line will consist of the following:

30" RCP - 50 ft

This proposal will not change the drains total length.

The cost of the relocation is to be paid by CEC Associates. 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 hearing is not required for the petition.

The petitioner has provided the performance bond as follows:

Name of Bonding Co.: Developers Surety & Indemnity Co.  
Bond #: 8877165  
Bond Date: October 8, 2002  
Bond Amount: \$364,091.00

This bond includes the work to be done for storm sewer facilities for Centennial Drain, Section 8.

I recommend approval by the Board at this time.

Sincerely,



Kenton C. Ward  
Hamilton County Surveyor

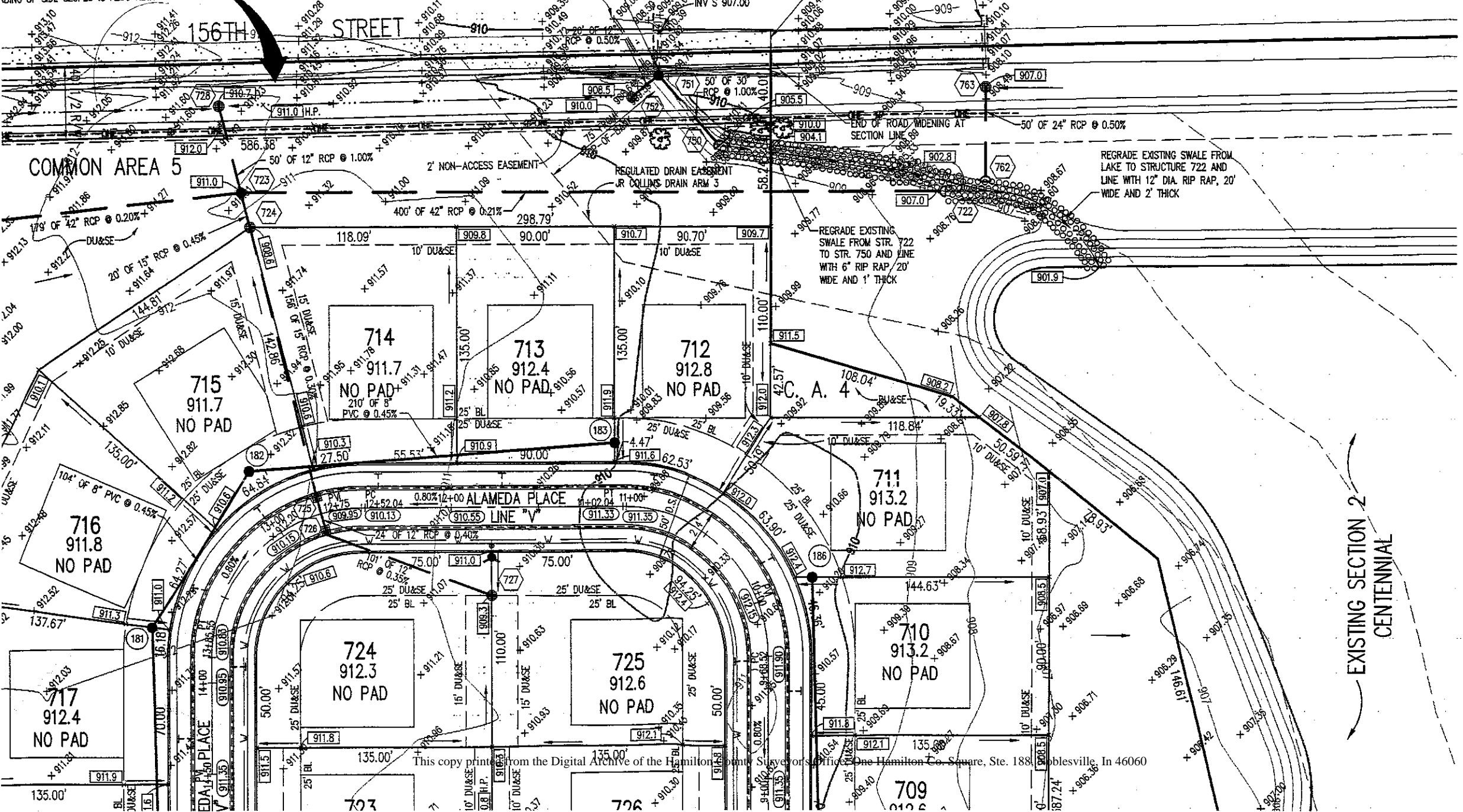
KCW/llm

BE WIDENED 3' WITH A 3' STONE SHOULDER. SEE WIDTH OF 156TH STREET SHALL BE RESURFACED. GRADING OF SIDE SLOPES IS ALSO REQUIRED.

STR. 751 TO BE PLACED ON END OF EXISTING CMP CULVERTS  
 15" CMP  
 INV N 906.53  
 INV S 906.68

APPROXIMATE LOCATION OF ARM 3 OF JR COLLINS DRAIN. IF TILE IS ENCOUNTERED, EXTEND TILE TO STR 151 OR INTO OPEN DITCH WITH 8" HDPE DOUBLE WALL PIPE.  
 24" CMP  
 INV N 907.38  
 INV S 907.00

END OF 1" OVERLAY MILL SURFACE OF EXISTING PAVEMENT 1" FOR SMOOTH TRANSITION  
 18" CMP  
 INV N 907.95  
 INV S 907.67

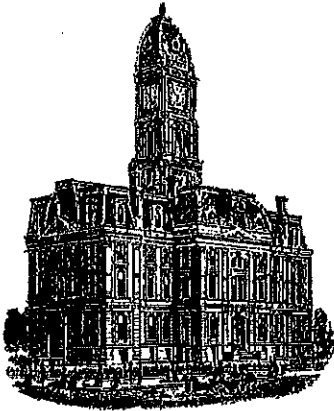


REGRADE EXISTING SWALE FROM LAKE TO STRUCTURE 722 AND LINE WITH 12" DIA. RIP RAP, 20' WIDE AND 2' THICK

REGRADE EXISTING SWALE FROM STR. 722 TO STR. 750 AND LINE WITH 6" RIP RAP, 20' WIDE AND 1' THICK

EXISTING SECTION 2 CENTENNIAL

Law



*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**

**December 8, 2016**

**Re: Charles Osborne & JR Collins #2 – Centennial Sec. 8A Relocation**

Attached are as-built, certificate of completion & compliance, and other information for Centennial Section 8A Relocation. 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 July 3, 2003. The report was approved by the Board at the hearing held July 14, 2003. (See Drainage Board Minutes Book 7, Pages 99-100) The changes are as follows: the 30" RCP between Structure 750 to 751 was shortened from 50 feet to 43 feet. The length of the drain due to the changes described above is now **43 feet**.

A non-enforcement was not requested because the work was done within existing road right of way and drain easement. The following surety were guaranteed by Developers Surety and Indemnity Co. and released by the Board on its January 9, 2006 meeting.

Bond-LC No: 8877165  
Amount: \$364,091.00  
For: Storm Sewers & SSD  
Issue Date: October 8, 2002

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: CENTENNIAL, SECTION 8A

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 .

Signature: J. Cort Crosby Date: 5/7/03

Type or Print Name: J. Cort Crosby P.E.

Business Address: 8901 OTIS AVE  
INDIANAPOLIS, IN 46216

Telephone Number: (317) 826-7306

SEAL

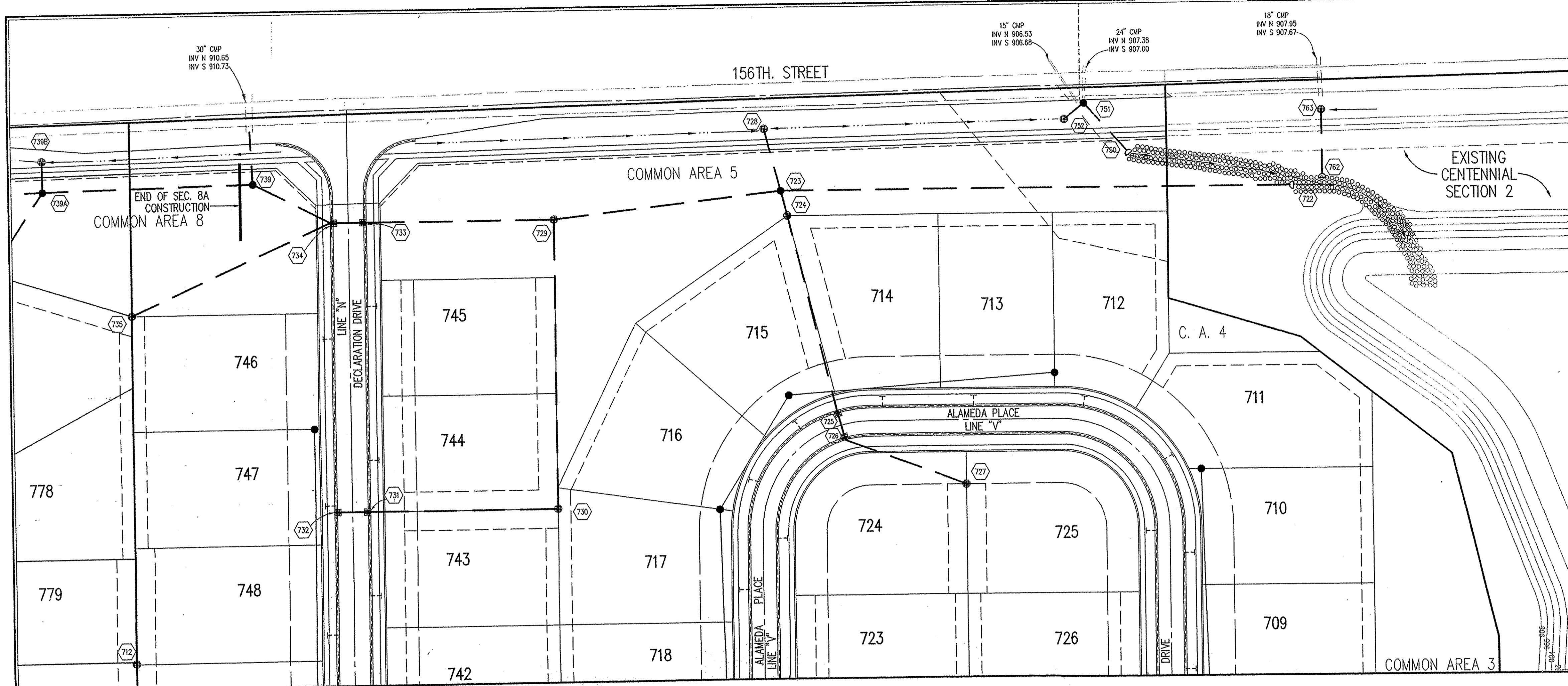


INDIANA REGISTRATION NUMBER

920350

Revised 10/95





**BENCHMARK**

BM - U.S.G.S. 93 RHP (1951)  
BRASS DISK IN CONCRETE POST S.W. CORNER OF 146TH AND DITCH ROAD.  
ELEV. = 903.373

TBM #9  
R.R. SPIKE 1.3' UP NORTH SIDE OF MAPLE & S.E. CORNER SITE.  
ELEV. = 908.39

**HOLEY MOLEY SAYS "DON'T DIG BLIND"**

**"IT'S THE LAW"**  
CALL 2 WORKING DAYS BEFORE YOU DIG  
1-800-382-5544  
CALL TOLL FREE

PER INDIANA STATE LAW (S-69-1691, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

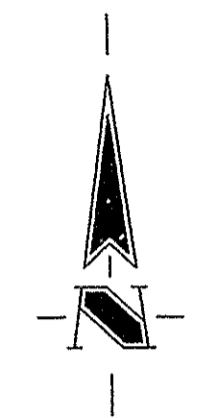
**CERTIFICATION FOR "RECORD DRAWING"**

NOTE:  
Record drawing certification for top of casting, invert elevations, and lengths of pipe only. Slope percentage represents a calculated figure and is for general information only.

**GENERAL NOTES**

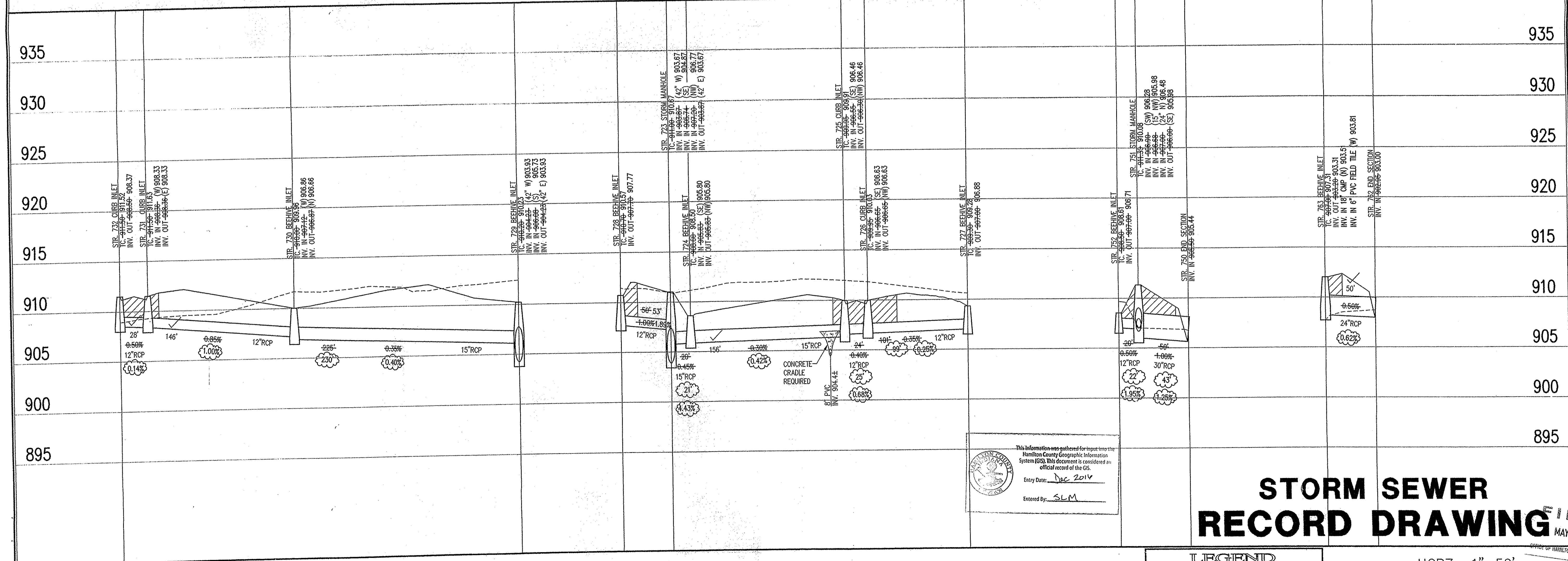
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

Sheet	Detail	Description
C602	4	Bedding Detail - Reinforced Concrete Pipe (RCP)
C602	1	Roll Curb Inlet Detail
C602	2	Beehive Inlet Detail
C602	3	Storm Manhole Detail
C602	6	Precast Concrete End Section
C602		RipRap Detail @ End Section



**STORM SEWER PLAN**

SCALE: 1"=50'



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

Entry Date: Dec 2014

Entered By: SLM

**STORM SEWER RECORD DRAWING**

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

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

1. PROPOSED/ADDED ROAD WEIGHING ALONG 156TH ST. & RECY FRONTAGE R/W WEST OF B.V.

2. DRP 10/10/02 REISED PLAN NEW

3. BAG 5/1/03 STORM SEWER RECORD DRAWING

Hamilton County Surveyor's Office  
Noblesville, IN 46060

Entry Date: 9-12-07  
Entered By: SLM

**COURT CROSS REGISTERED**  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 5/7/03

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**CENTENNIAL SECTION 8**

WESTFIELD, INDIANA  
ESTRIDGE DEVELOPMENT CO., INC.  
CARMEL, INDIANA

DATE: 07/17/02	PROJECT NO.: 753.028
DRAWN BY: DRP	CHECKED BY: JCC
SHEET TITLE: STORM SEWER PLAN	
DRAWING FILES: R:\753\028\DWG\C601 XREF: R:\753\028\DWG\STORM XREF: R:\753\027\DWG\02785 XREF: R:\753\028\DWG\02885 XREF: R:\753\029\DWG\02985 XREF: R:\753\002\DWG\00285 XREF: R:\753\003\DWG\00385	
SHEET NO.: C602	