

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 16, 2001

Re: Centennial Drain, Section 5 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 5 arm, Centennial Drain. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages, and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP	314 ft	24" RCP	141 ft
15" RCP	293 ft	36" RCP	227 ft
18" RCP	311 ft		

The total length of the drain will be 1,286 feet.

Arm #5 of the Collins & Osborn Drain will be partially vacated with this section of Centennial. (See copy of letter to Board dated July 10, 2001). This arm will be picked up with structure 596.

The subsurface drains (SSD) under the curbs are not to be part of the regulated drain.

The open ditch/swale shown on the plans between Str. 595 and E591 in Section 3 is temporary. The temporary off site ditch/swale will be eliminated when that future section of Centennial develops.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to

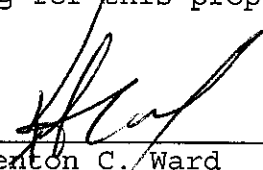
landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, \$5.00 per acre for common areas, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$1,675.82.

Parcels assessed for this drain may also be assessed for the Collins Osborn or Williams Creek Drain at sometime in the future.

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 request. This request is for the reduction of the regulated drain easement to those widths as shown on the secondary plat for Centennial Section 5 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for August 27, 2001.

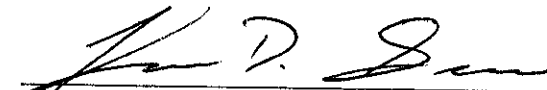
  
\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Surveyor

KCW/llm



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 Petitioner's cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

  
\_\_\_\_\_  
Signed

KEVIN D. GREENE  
\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE 5/29/01  
\_\_\_\_\_

HAMILTON COUNTY DRAINAGE BOARD  
COURT HOUSE  
NOBLESVILLE, IN

Re: Centennial, Section 5

Hamilton County, Indiana

**PETITION FOR RELOCATION AND RECONSTRUCTION AND PARTIAL VACATION**

CEC Associates, LLC (hereinafter "Petitioner"), hereby petitions the Hamilton County Drainage Board for authority to relocate and improve and vacate various sections of the Osborn-Collins Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Osborn-Collins 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 and partial vacation of portions of the Osborn-Collins 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 Osborn-Collins Drain, without cost to other property owners on the watershed of the Osborn-Collins Drain.

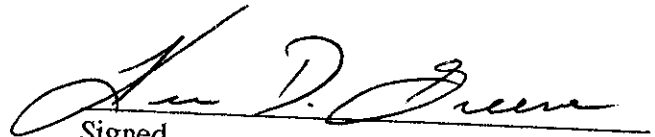
WHEREFORE, Petitioner requests that an Order issue from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Osborn-Collins Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

  
Signed

KEVIN D. GREENE  
Printed Name

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.

  
Signed

KEVIN D. GREENE  
Printed Name

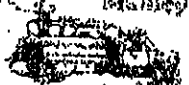
\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

Recorded Owner(s) of Land Involved

Date 5/29/01

Manley Finish Grading, Inc.



Sod, Erosion Control, Snow Blowing  
Site Sealing, Retaining Walls,  
Landscaping

2815 London Ave.  
Indianapolis, IN 46220

John M. Manley  
Phone & Fax  
(317) 895-8586

### COVER SHEET

TO:

NAME: Kevin Greene

COMPANY: Extrigge Dev.

FAX #: 567-2916

TODAY'S DATE: 5-17-01

FROM:

NAME: John Manley

NUMBER OF PAGES: 1

(including cover sheet)

Bid: Contractual Svc #5

COMMENTS: Erosion Control

Permanent Seeding: 11,906 S.F. @ .245/ per S.F. \$ 2,923.00

Temporary Seeding: 67,440 S.F. @ .035/ per S.F. \$ 2,360.00

Curb Inlet Protection: 4 @ \$100.00 each \$ 400.00

Barbed Inlet Protection: 2 @ \$125.00 each \$ 250.00

Total \$ 5,933.00

Alt. #1 Erosion Control

23,400 S.F. @ .155/ per S.F. \$ 3,627.00

Thank you  
John Manley

**PROPOSAL FOR SINGLE BID PACKAGE**

PROJECT NAME:  
BID DATE:

**CENTENNIAL, SECTION FIVE  
MAY 9, 2001**

FIRM NAME: HARVEY CONSTRUCTION CO., INC.

OFFICIAL ADDRESS: 9125 EAST 146th STREET  
NOBLESVILLE, IN 46060

TELEPHONE NUMBER: 317 773-7302 FAX: 773-7565

**Bid Package #202 Bid Package Title: Site Utilities**

The undersigned, having familiarized (himself or themselves) with local conditions affecting the cost of work and with the contract Documents, including Invitation to Bid, Bidder's Instructions, Bid Documents, General Requirements, Specifications, Plans and Addendum #'s none, hereby proposes to perform everything required for the bid package listed on this proposal, for the lump sum stated hereafter. All sales, consumer use, local and other similar taxes are included in bid amount.

Amount for Single Bid Package  
Fifty nine thousand eighty-three & 30/100 DOLLARS (\$59,083.30 )

Accounting Breakdown:

**CENTENNIAL  
SECTION FIVE**

40860 San. Sewer Mains*	\$ _____	
40865 San. Sewer Laterals*	\$ _____	
41930 San. Sewer Maint. Bond	\$ _____	
40800 Storm Sewers*	\$ <u>47,739.50</u>	* No stone bedding included
40810 Subsurface Drains*	\$ <u>10,793.80</u>	
41930 Storm and SSD Maint. Bond	\$ <u>550.00</u>	
40670 Util. Conduits (unit price)		
4" PVC: material cost/lf	\$ <u>1.50/ft</u>	* Schedule 40
4" PVC: installation cost/lf	\$ <u>9.00/ft</u>	* Includes stone backfill

\* The following attachments for listing the proposed quantity breakdowns must be completed and submitted for this bid to be accepted and considered for contract. Quantities are provided for information only. All bids lump sum.

In submitting this bid, it is understood that the right is reserved by the Developer to reject and or accept all bids. It is further agreed that this bid is binding for a period of sixty (60) days from the opening thereof.

BY Michael Hargis (Authorized Signature)

TITLE Michael Hargis, Estimator

Submitted To: Estridge Development Company, Inc.  
1041 W. Main Street  
Carmel, IN 46032



SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

Bond No. 8864775

KNOW ALL MEN BY THESE PRESENTS:

That we, Estridge Development Company, Inc., as Principal, and Developers Surety and Indemnity Company, a Corporation organized and doing business under and by virtue of the laws of the State of Iowa and duly licensed to conduct a general surety business in the State of IN, as Surety, are held and firmly bound unto Hamilton County Board of Commissioners as Obligees in the sum of ELEVEN THOUSAND TWO HUNDRED EIGHTY SEVEN AND NO/100 (\$ 11,287.00) Dollars for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally firmly by these presents.

Whereas, Principal is the owner and developer of real property described as Centennial, Section 5

Whereas, Principal, has, as a condition to approval of the plat for the real property, agreed to construct certain land improvements, consisting of EROSION CONTROL, as specified in the plans and specifications prepared by; and

Whereas, Principal is required to provide security for the faithful performance of such improvements.

NOW THEREFORE, the condition of this obligation is such that so long as Principal shall well and truly perform the conditions for plat approval, and delivers them, in good and workmanlike condition, within the time specified in such conditions, or any extension thereof, granted by Obligees, with or without notice to Surety, then this obligation shall be void, otherwise to remain in full force and effect, subject further to the following terms and conditions:

- 1. The obligation of surety shall, in no event, exceed the penal sum hereof.
2. In the event of litigation between Obligees, Surety and Principal, arising out of any breach, or to enforce any right or obligation hereby created, the prevailing party shall be entitled to the recovery of costs and reasonable attorneys fees.
3. This bond shall remain in full force and effect until release by the Obligees, provided further that the penal sum hereof may be reduced upon resolution of Obligees.
4. Neither this bond, nor any right or obligation hereunder may be assigned, conveyed or hypothecated except upon the express, written, consent of Surety and Principal.

WITNESSETH my hand and seal this 30TH day of MAY, 2001.

Estridge Development Company, Inc. Principal

BY: [Signature]

Title: PROJECT ENGINEER

Developers Surety and Indemnity Company Surety

BY: [Signature]

CYNTHIA L. JENKINS Attorney-in-Fact

SIP0300

**POWER OF ATTORNEY FOR  
DEVELOPERS SURETY AND INDEMNITY COMPANY  
INDEMNITY COMPANY OF CALIFORNIA**

PO BOX 19725, IRVINE, CA 92623 • (949) 263-3300

KNOW ALL MEN BY THESE PRESENTS, that except as expressly limited, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, do each severally, but not jointly, hereby make, constitute and appoint:

**\*\*\*Cynthia L. Jenkins, Amy Gooden, Michael M. Bill, Edward L. Mournighan, Michael H. Bill, Ginger J. Krahn, Deborah S. Clements, jointly or severally\*\*\***

as the true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.


This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Board of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of November 1, 2000:

RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporation be, and that each of them hereby is, authorized to execute Powers of Attorney, qualifying the attorney(s) named in the Powers of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporation when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective Executive Vice President and attested by their respective Secretary this 8<sup>th</sup> day of November, 2000.

By:   
David H. Rhodes, Executive Vice President


By:   
Walter A. Crowell, Secretary



STATE OF CALIFORNIA    )  
                                  )SS.  
COUNTY OF ORANGE    )

On November 8, 2000, before me, Diane J. Kawata, personally appeared David H. Rhodes and Walter A. Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

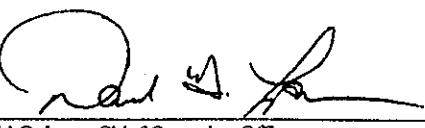
Signature 



**CERTIFICATE**

The undersigned, as Chief Operating Officer of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked, and furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney, are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, the 30TH day of MAY, 2001.

By:   
David G. Lane, Chief Operating Officer

480

**FILED**

**MAY 30 2001**

**OFFICE OF HAMILTON COUNTY SURVEYOR**

**SUBDIVISION IMPROVEMENTS PERFORMANCE BOND**

Bond No. 8864765

**KNOW ALL MEN BY THESE PRESENTS:**

That we, Estridge Development Company, Inc., as Principal, and Developers Surety and Indemnity Company, a Corporation organized and doing business under and by virtue of the laws of the State of Iowa and duly licensed to conduct a general surety business in the State of IN, as Surety, are held and firmly bound unto Hamilton County Board of Commissioners as Obligees in the sum of FIFTY EIGHT THOUSAND FIVE HUNDRED THIRTY FOUR & NO/100 Dollars for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally firmly by these presents.

Whereas, Principal is the owner and developer of real property described as Centennial, Section 5

Whereas, Principal, has, as a condition to approval of the plat for the real property, agreed to construct certain land improvements, consisting of STORM SEWERS & SUBSURFACE DRAIN, as specified in the plans and specifications prepared by \_\_\_\_\_; and

Whereas, Principal is required to provide security for the faithful performance of such improvements.

NOW THEREFORE, the condition of this obligation is such that so long as Principal shall well and truly perform the conditions for plat approval, and delivers them, in good and workmanlike condition, within the time specified in such conditions, or any extension thereof, granted by Obligees, with or without notice to Surety, then this obligation shall be void, otherwise to remain in full force and effect, subject further to the following terms and conditions:

1. The obligation of surety shall, in no event, exceed the penal sum hereof.
2. In the event of litigation between Obligees, Surety and Principal, arising out of any breach, or to enforce any right or obligation hereby created, the prevailing party shall be entitled to the recovery of costs and reasonable attorneys fees.
3. This bond shall remain in full force and effect until release by the Obligees, provided further that the penal sum hereof may be reduced upon resolution of Obligees.
4. Neither this bond, nor any right or obligation hereunder may be assigned, conveyed or hypothecated except upon the express, written, consent of Surety and Principal.

WITNESSETH my hand and seal this 30TH day of MAY, 2001.

Estridge Development Company, Inc.  
Principal

Developers Surety and Indemnity Company  
Surety

BY: [Signature]  
Title: PROJECT ENGINEER

BY: [Signature]  
CYNTHIA L. JENKINS  
Attorney-in-Fact

SIP0300

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DEVELOPERS SURETY AND INDEMNITY COMPANY  
INDEMNITY COMPANY OF CALIFORNIA**

PO BOX 19725, IRVINE, CA 92623 • (949) 263-3300

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**\*\*\*Cynthia L. Jenkins, Amy Gooden, Michael M. Bill, Edward L. Mournighan, Michael H. Bill, Ginger J. Krahn, Deborah S. Clements, jointly or severally\*\*\***

as the true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

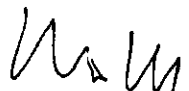
This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Board of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of November 1, 2000:

RESOLVED, that the Chairman of the Board, the President and any Vice President of the corporation be, and that each of them hereby is, authorized to execute Powers of Attorney, qualifying the attorney(s) named in the Powers of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporation when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective Executive Vice President and attested by their respective Secretary this 8<sup>th</sup> day of November, 2000.

By:   
David H. Rhodes, Executive Vice President


By:   
Walter A. Crowell, Secretary



STATE OF CALIFORNIA    )  
                                  )SS.  
COUNTY OF ORANGE    )

On November 8, 2000, before me, Diane J. Kawata, personally appeared David H. Rhodes and Walter A. Crowell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

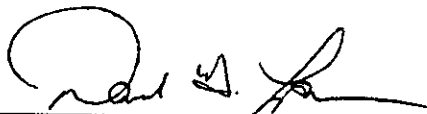
Signature 



**CERTIFICATE**

The undersigned, as Chief Operating Officer of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked, and furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney, are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, the 30TH day of MAY, 2001.

By:   
David G. Lane, Chief Operating Officer

481

**FILED**  
**MAY 30 2001**  
**OFFICE OF HAMILTON COUNTY SURVEYOR**

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE


Centennial Section 5 Drain,

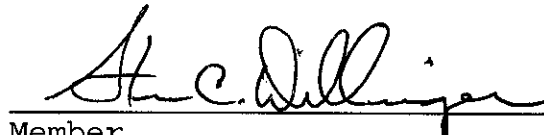
On this *27 day of August 2001*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Centennial Section 5 Drain**.

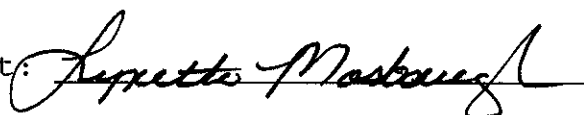
Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest:   
\_\_\_\_\_

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: CENTENNIAL, SECTION 5

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: 9/13/01

Type or Print Name: J. CORT CROSBY, THE SCHNEIDER CORPORATION

Business Address: 8901 OTIS AVE.

INDIANAPOLIS, IN 46216

Telephone Number: (317) 826-7306

SEAL



INDIANA REGISTRATION NUMBER

920350

Revised 10/95

FILED

SEP 14 2001





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**

**May 4, 2005**

**Re: Centennial Drain: Centennial Section 5**

Attached are as-builts, certificate of completion & compliance, and other information for Centennial Section 5. 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 16, 2001. The report was approved by the Board at the hearing held August 27, 2001. (See Drainage Board Minutes Book 6, Pages 116-117)  
 The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
486-487	24	12	RCP	904.94	904.66	1.17	
486-485	84	12	RCP	904.66	904.4	0.31	
488-486	44	12	RCP	905.41	904.66	1.7	
485-484	24	15	RCP	904.3	904.18	0.5	
484-483	143	18	RCP	904.08	903.86	0.15	
483-481	144	18	RCP	903.86	902.96	0.663	
481-480	24	18	RCP	902.96	902.59	0.14	
480-E476	142	24	RCP	902.44	902.24	0.14	1
492-491	139	12	RCP	905.39	905.13	0.19	1
491-490	24	12	RCP	905.13	904.96	0.71	
490-483	269	15	RCP	904.76	903.96	0.3	
597-596	12	36	RCP	908.03	907.85	1.5	-4
596-595	204	36	RCP	907.85	907.03	0.4	-6
596-595A	195	8	HDPE				

**RCP Pipe Totals:**

12	315
15	293
18	311
24	142
36	216

**Total:** 1277

**OTHER DRAIN:**

8" HDPE	195
---------	-----

The length of the drain due to the changes described above is now **1,472 feet**.

The non-enforcement was approved by the Board at its meeting on August 27, 2001 and recorded under instrument #200200015778.

The following sureties were guaranteed by Developers Surety and Indemnity Company and released by the Board on its May 13, 2002 meeting.

**Bond-LC No:** 886476S  
**Insured For:** Storm Sewers, SSD  
**Amount:** \$58,534  
**Issue Date:** May 30, 2001

**Bond-LC No:** 886477S  
**Insured For:** Erosion Control  
**Amount:** \$11,287  
**Issue Date:** May 30, 2001

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

Sincerely,



---

Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

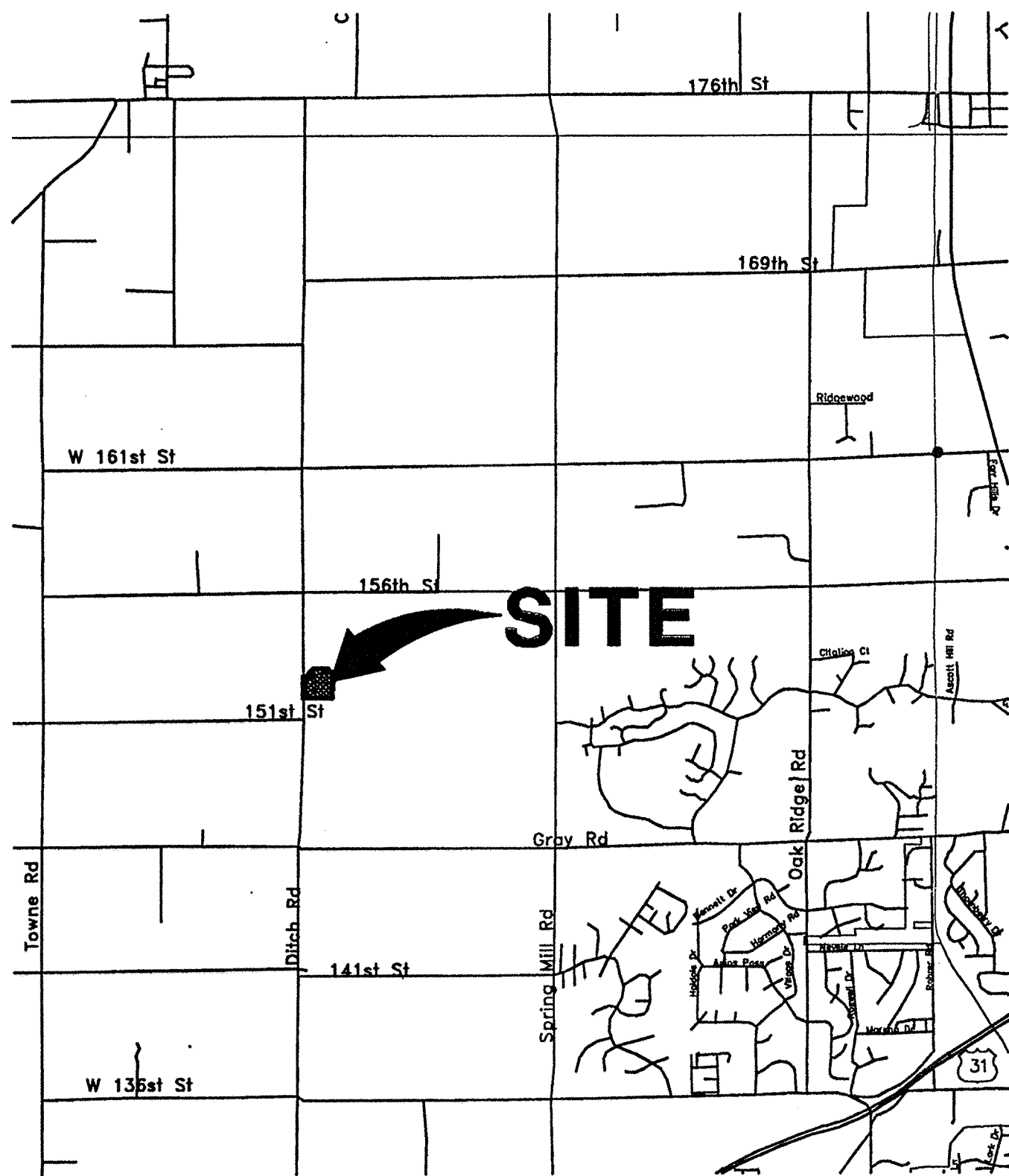
# CENTENNIAL SECTION 5

## (CONSTRUCTION PLANS) HAMILTON COUNTY WESTFIELD, INDIANA

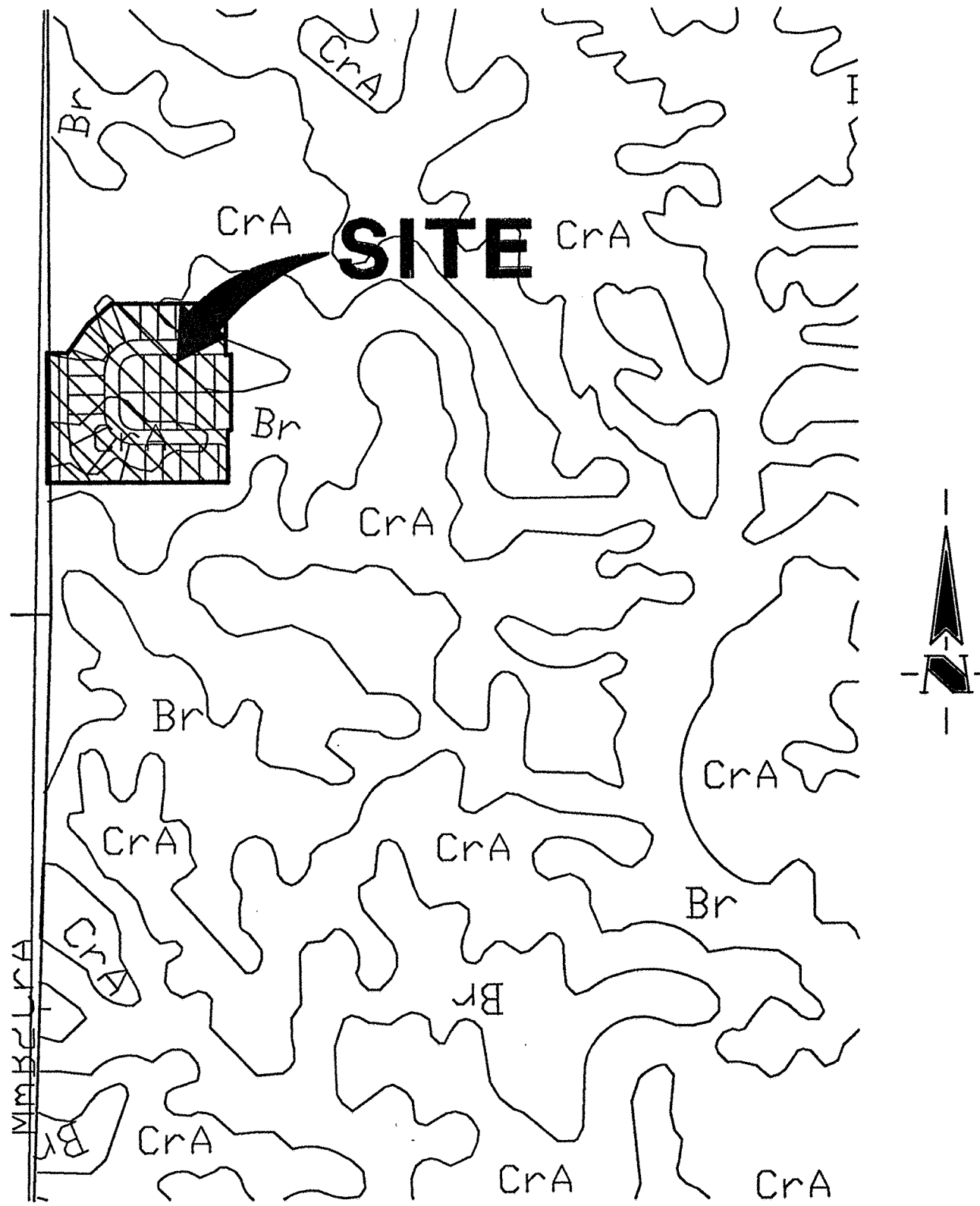
**DEVELOPER:**  
**ESTRIDGE DEVELOPMENT CO., INC.**  
1041 WEST MAIN STREET  
CARMEL, INDIANA 46032  
(317) 582-2456

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101	DEVELOPMENT PLAN
C102	EROSION CONTROL PLAN
C103	EROSION CONTROL DETAILS
C201	STREET PLAN
C301	TRAFFIC CONTROL PLAN
C401	SANITARY SEWER PLAN
C601	STORM SEWER PLAN
C701	WATER DISTRIBUTION PLAN
C702	WATER DISTRIBUTION DETAILS
C801-C804	GENERAL DETAILS
C901	SPECIFICATIONS

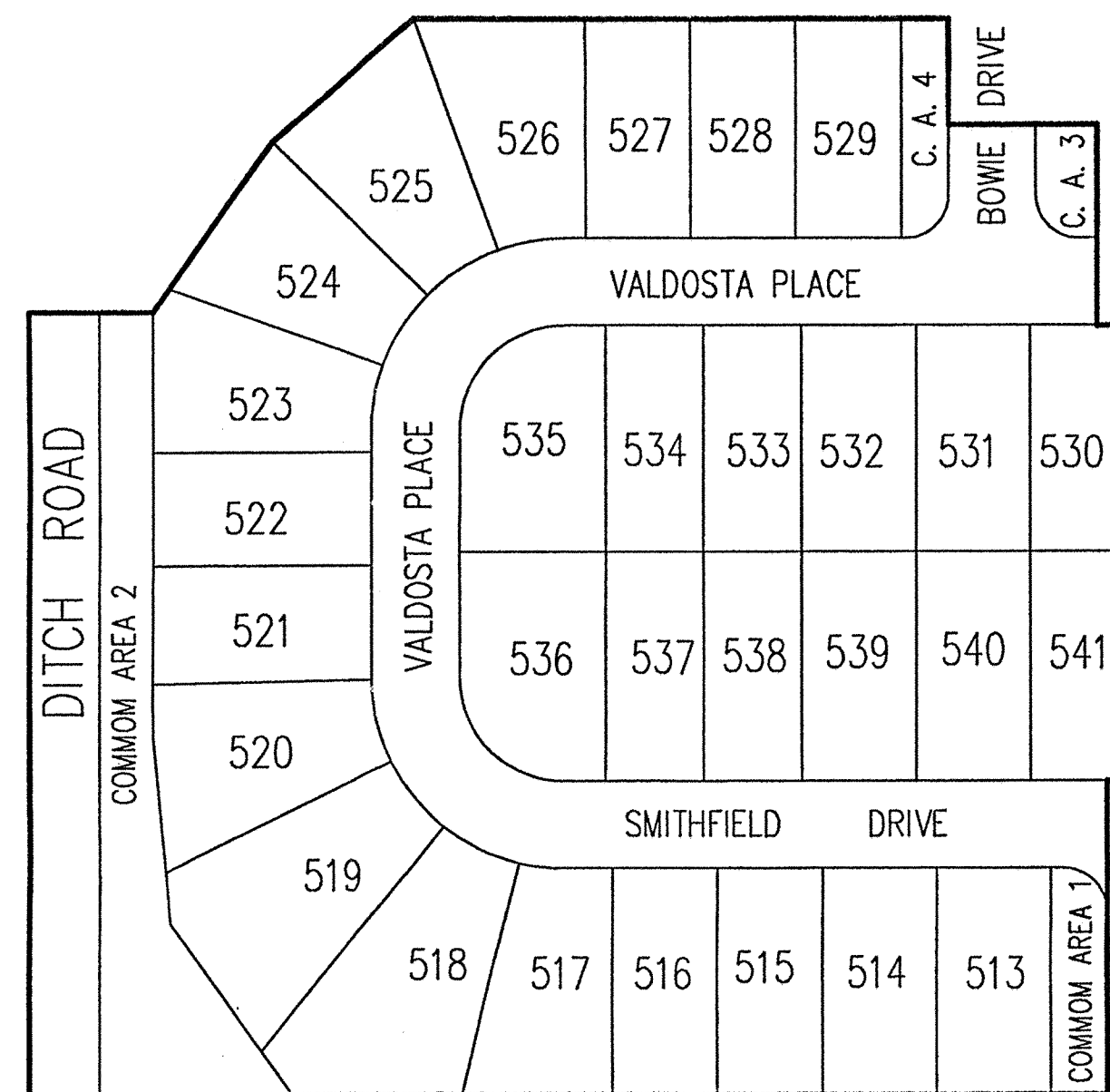
**STORM SEWER  
RECORD DRAWING**




**AREA MAP**  
SCALE: 1"=3000'



**SOILS MAP**  
SCALE: 1"=500'



**SITE MAP**  
SCALE: 1"=100'

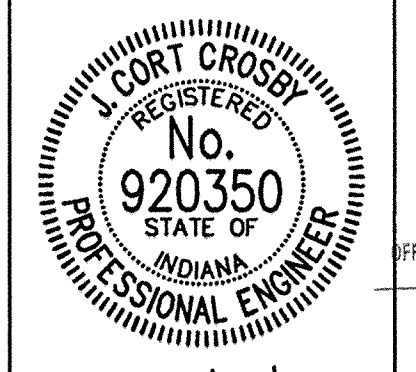
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Entry Date: 4-29-05  
Entered by: SLM

REVISIONS:	DATE:	BY:	DESCRIPTION:
	05/15/01	DRP	C100, C101, C401 & C701
	05/30/01	PRC	C100, C101, C601 & C803
	9/10/01	MG	C100, C601

  
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46216-1037 Geotechnical Services  
317-826-7100 GIS \* LIS  
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www.schneidercorp.com Interior Design  
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Landscape Architecture  
Transportation Engineering

CERTIFIED BY: J. CORT CROSBY, P.E.  
E-MAIL ADDRESS: crosby@schneidercorp.com

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DATE: 9/13/01

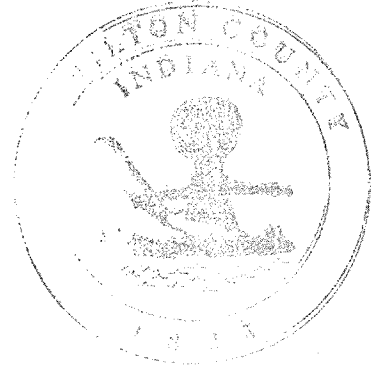
SHEET  
**C100**  
OF  
15

PROJECT ENGINEER: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE CHECKED: \_\_\_\_\_

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JOB No. (753.005)

R: 753 005 DWG C100.dwg Mon Sep 18 15:53:19 2001 Bradley G. Gregory



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Entry Date: 4-29-05  
Entered by: SLM

UTILITIES - WESTFIELD

**GAS**  
Indiana Gas Company  
505 West Dr. 125 S.  
Lebanon, Indiana 46052  
(317) 482-8456  
Attn: Jeff Aulry  
TELEPHONE

**CABLE TV**  
Jones Interchange  
516 E. Canal Drive  
Carmel, Indiana 46032  
(317) 844-8877

**AMERITECH**  
5858 North College Avenue  
Indianapolis, Indiana 46220  
(317) 252-4275  
Attn: Jone Messenger

**SANITARY SEWERS AND WATER**  
HAMILTON WESTERN UTILITIES

1350 Grayhound Pass  
Carmel, Indiana 46032  
(317) 848-6882  
Attn: Beau Wilong  
ELECTRIC

**P. S. I. Energy**  
P.O. Box 876  
Carmel, Indiana 46032  
(317) 581-3041  
Attn: Mark Lo Bar

Utility Hotline: within Indiana 1-800-382-5544  
outside Indiana 1-800-428-5200

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 15-59-1991,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH  
SCALE: 1"=50'

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

LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Existing Contour
- New Pavement Grade
- All Other Finish Grades
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size

GENERAL NOTES

- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
- IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
- STANDARD SPECIFICATIONS FOR THE HAMILTON WESTERN UTILITIES SHALL APPLY FOR ALL SANITARY SEWERS.
- ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
- THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
- SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
- 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTION AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- 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.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.

STORM SEWER RECORD DRAWING

NOTE: CONTRACTOR IS TO REMOVE ANY FIELD TILE FOUND RUNNING UNDER PAD OR STREET AREAS. FIELD TILE SEGMENTS UPSTREAM OF SECTION 5 ARE TO BE CONNECTED TO STORM SEWERS IF POSSIBLE. IF SUCH CONNECTIONS ARE NOT POSSIBLE, TEMPORARY SWALES ARE TO BE CONSTRUCTED TO MAINTAIN POSITIVE DRAINAGE.

Sanitary Sewer Table

STR #	STA BASELINE	OFFSET LT/RT	TYPE	TC	INVERTS
E112	-----	-----	EXIST. MANHOLE	911.10	900.10 (NW), EX-900.00 (E)
E128	-----	-----	EXIST. MANHOLE	910.00	901.50 (W), EX-901.40 (E)
116	19+12.38 "A"	40.00' LT	MANHOLE	911.70	901.53 (N), 901.83 (SE)
117	21+20.37 "A"	36.42' LT	MANHOLE	911.50	904.30 (S)
135	21+94.69 "A"	34.15' LT	MANHOLE	912.00	904.80 (E)

Storm Sewer Table

STR #	STA BASELINE	OFFSET LT/RT	TYPE	TC	INVERTS
E476	-----	-----	EX. BEEHIVE INLET	907.50	902.30 (W), EX-903.80 (W), EX-903.15 (S), EX-902.92 (E)
480	16+10.00 "A"	12.00' LT	CURB INLET	908.57	902.82 (N), 902.42 (S)
481	16+10.00 "A"	12.00' RT	CURB INLET	908.57	902.98 (N&S)
483	24+20.40 "A"	154.93' RT	BEEHIVE INLET	908.10	904.16 (W), 903.76 (N&S)
484	24+25.00 "A"	12.00' RT	CURB INLET	908.85	904.25 (N), 904.05 (S)
485	24+25.00 "A"	12.00' LT	CURB INLET	908.85	904.52 (NE), 904.32 (S)
486	8+50.00 "C"	12.00' RT	CURB INLET	908.29	904.90 (N&E&SW)
487	8+50.00 "C"	12.00' LT	CURB INLET	908.29	904.97 (W)
488	8+14.50 "C"	38.00' RT	BEEHIVE INLET	908.80	905.05 (SE)
490	20+15.00 "A"	12.00' RT	CURB INLET	910.26	905.08 (W), 904.83 (E)
491	20+15.00 "A"	12.00' LT	CURB INLET	910.26	905.21 (N&E)
492	20+13.31 "A"	149.99' LT	BEEHIVE INLET	910.00	905.63 (E)
505	21+22.77 "A"	179.08' LT	END SECTION	907.10	
506	19+78.15 "A"	173.95' LT	STORM MANHOLE	913.00	907.94 (W&N)
507	19+78.52 "A"	182.80' LT	END SECTION	908.00	

REVISIONS:  
1. DWP 05/15/01 ADDED LOT SUB-SURFACE DRAIN TIES, ADDED 2" NON ACCESS EMBANKMENT  
2. PRC 05/20/01 REVISION TO ALL SUBSURFACE DRAIN TIES  
3. JAC 09/10/01 STORM SEWER RECORD DRAWING  
4. DWP 09/27/01 ADDED 2" NON ACCESS EMBANKMENT

CURT CROSBY  
REGISTERED  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 9/13/01  
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CENTENNIAL SECTION 5

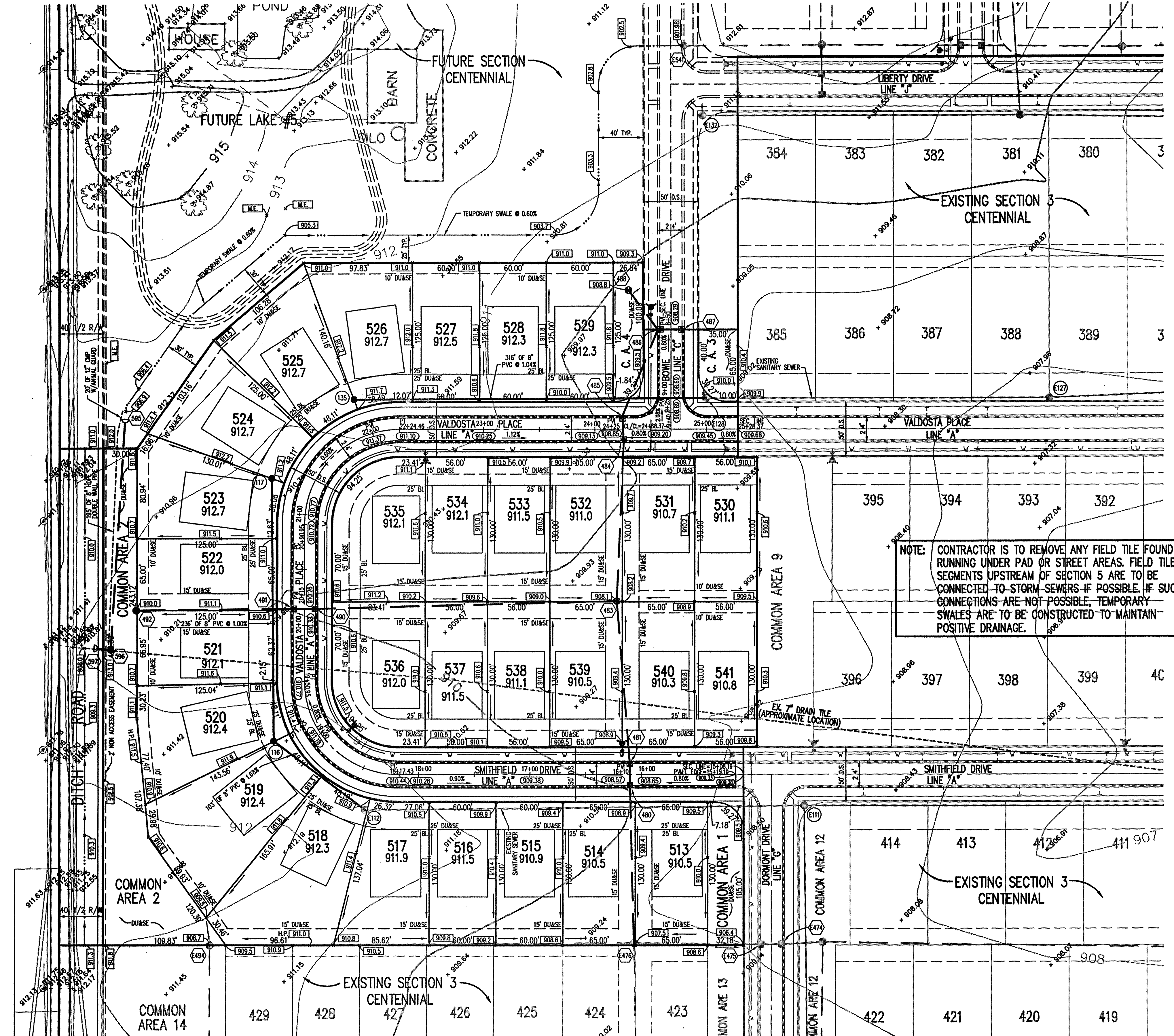
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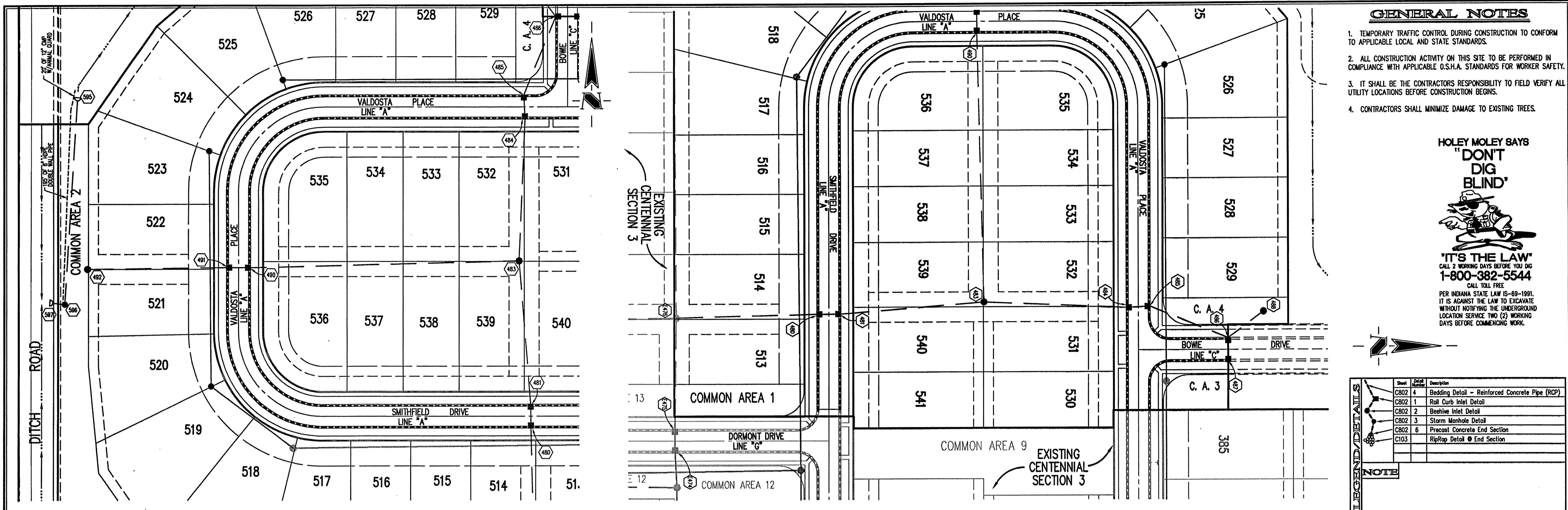
WESTFIELD, INDIANA  
ESTRIDGE DEVELOPMENT CO., INC.  
CARMEL, INDIANA

DATE: 04/18/01 PROJECT NO.: 753.005  
DRAWN BY: PRC CHECKED BY:  
SHEET TITLE: DEVELOPMENT PLAN

DRAWING FILES:  
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XREF: 00285  
XREF: 005-TAB5  
XREF: R:\753\005\DWG\DWG\00685  
XREF: R:\753\005\DWG\DWG\753TPO  
XREF: R:\753\005\DWG\DWG\00385

SHEET NO.:  
**C101**





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

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DATE: 9/13/01

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Sheet	Date	Description
CR02 4		Bedding Detail - Reinforced Concrete Pipe (RCP)
CR02 1		Roll Curb Inlet Detail
CR02 2		Beshive Inlet Detail
CR02 3		Storm Manhole Detail
CR02 6		Precast Concrete End Section
CI03		RipRap Detail @ End Section

**LEGEND/DETAILS**

**NOTE**

REVISIONS:  
1. ADD TRASH GUARD NOTE TO STR. 587.  
2. MC. 587/01/01 STORM SEWER RECORD DRAWING.  
3. DWP 08/27/01  
OUT OF STR. 588.

**J. CORT CROSS**  
REGISTERED  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 9/13/01

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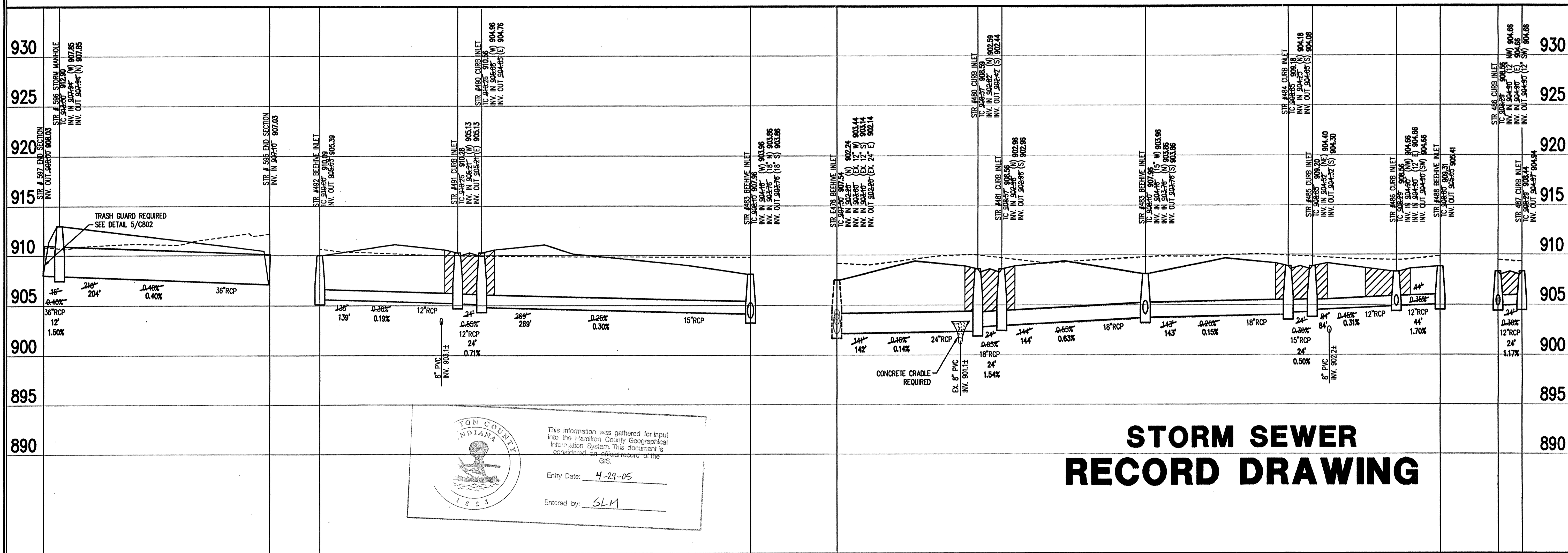
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**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

TON COUNTY INDIANA 1825

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Entry Date: 4-29-05

Entered by: SLH

**STORM SEWER PROFILE**

**LEGEND**

Existing Grade

New Grade

Granular Backfill

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

**CENTENNIAL SECTION 5**

WESTFIELD, INDIANA

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

FILED

OCT 0 1 2001

OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: 04/18/01 PROJECT NO.: 753.005

DRAWN BY: DRP CHECKED BY:

SHEET TITLE: STORM SEWER PLAN

DRAWING FILES:  
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XREF: R:\753\005\DWG\STORM  
XREF: R:\753\005\DWG\00585  
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XREF: R:\753\005\DWG\00585  
XREF: R:\753\005\DWG\753TOP0

SHEET NO.: C601

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