

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

June 23, 2003

To: Hamilton County Drainage Board

Re: Centennial Drain, Section 8A Arm

Attached is a petition filed by Estridge Development Company, Inc. along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 8A Arm, Centennial Drain, to be located in Washington Township. 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	1,036 ft	24" RCP	50 ft	36" RCP	308
15" RCP	679 ft	30" CMP	41 ft	42" RCP	820

The total length of the drain will be 2,931 feet.

The subsurface drains (SSD) under curbs are not to be part of the regulated drain. This is per the agreement between the developer, Estridge Development Company and the Hamilton County Commissioners on March 8, 1999. (See Commissioner's Minute Book 93, Pages 138-139)

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 acre for common areas and platted lots, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$2,507.02.

The petitioner has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties, which are in the form of a Performance Bond/Letter of Credit are as follows:

Agent: Developers Surety & Indemnity Co.
Date: October 8, 2002
Number: 887716S
For: Storm Sewers
Amount: \$364,091.00

Agent: Developers Surety & Indemnity Co.
Date: October 8, 2002
Number: 887724S
For: Erosion Control
Amount: \$49,500.00

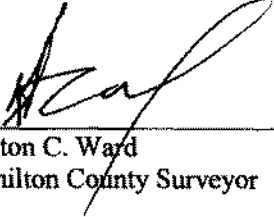
Both bonds listed above include work to be done for the relocation and reconstruction of Arm 3 of the Charles Osborne & J. R. Collins #2 Drain. This work is being done via a separate 52.5 hearing before the Board.

Parcels assessed for this drain may be assessed for the Osborn-Collins 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 easement widths as shown on the secondary plat for Centennial, Section 8A as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 28, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm



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929
1686

12" RCP 1,036 ft	24" RCP 50 ft ✓	36" RCP 308
15" RCP 679 ft ✓	30" CMP 41 ft ✓	42" RCP 820 ✓
	30" RCP - 43 FT	

part not constr.

section - reported

Constr. w/9

817

The total length of the drain will be 2,931 feet.

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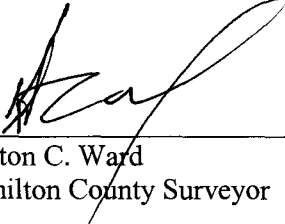
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I recommend that upon approval of the above-proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Centennial, Section 8A as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 28, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

(Revised 12/2002)

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

In the matter of CENTENNIAL Subdivision,
Section BA 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 CENTENNIAL, 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 benefitted 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 for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% 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).

Bryan D. Stumpf
Signed

BRYAN D. STUMPF
Printed Name

Signed

Printed Name
RECORDED OWNER(S) OF LAND INVOLVED

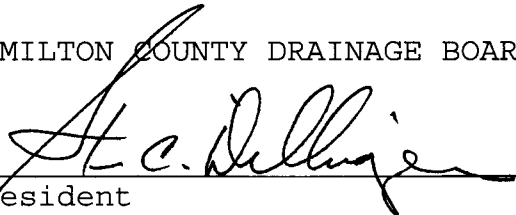
Date 03/19/03

FINDINGS AND ORDER
CONCERNING THE MAINTENANCE OF THE
Centennial Drain, Section 8A Arm

On this *28th day of July, 2003*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Centennial Drain, Section 8A Arm*.

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 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 comformity 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

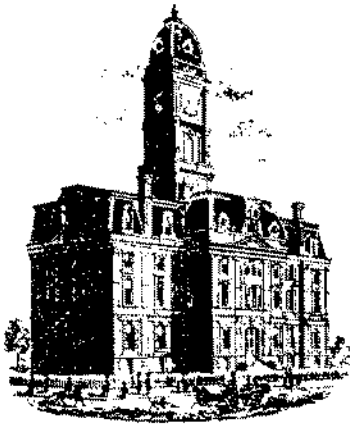
920350

Revised 10/95

DRAIN: #315 Wms Creek Drainage Area
IMPROVEMENT-ARM: CENTENNIAL 8A
HEARING DATE: 7-28-03
DRAIN BOOK & PAGE: BK 7 pgs. 111-113

FINAL REPORT CHECKLIST

- RELEASE BONDS Jan 9, 2006
- NON-ENFORCEMENT #20030093803
- ENG CERT OF CC 5-6-03
- ASBUILTS 5-6-03
- FIGURE PIPE LENGTHS 9-12-07 *Ann*
- ENTER INTO GIS ✓ Done
- WRITE FINAL REPORT _____
- ENTER INTO POSSE _____
- ENTER INTO GASB 34 SPREADSHEET _____
- SCAN SURVEYOR'S REPORTS _____
- EMAIL WORD FILES TO LYNNETTE _____
- COPIES OF REPORTS TO LYNNETTE _____



SURVEYOR'S OFFICE

Hamilton County

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 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 27, 2007

Re: Williams Creek Drainage Area: Centennial Sec. 8A

Attached are as-builts, certificate of completion & compliance, and other information for Centennial Sec. 8A. 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 June 23, 2003. The report was approved by the Board at the hearing held July 28, 2003. (See Drainage Board Minutes Book 7, Pages 111-113)
 The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
731-733	28	42	RCP	904.49	904.34	0.53	
733-729	146	42	RCP	904.34	903.93	0.28	
739-734	66	42	RCP	904.7	904.49	0.31	-1
729-723	182	42	RCP	903.93	903.67	0.14	3
723-722	395	42	RCP	903.67	903	0.17	-5
732-731	28	12	RCP	908.37	908.33	0.14	
731-730	146	12	RCP	908.33	906.86	1	
730-729	230	15	RCP	906.66	905.73	0.4	5
728-723	53	12	RCP	907.77	906.77	1.89	3
727-726	99	12	RCP	906.88	906.63	0.25	-2
726-725	25	12	RCP	906.63	906.46	0.68	1
725-724	156	15	RCP	906.46	905.8	0.42	
724-723	21	15	RCP	905.8	904.87	4.43	1
752-751	22	12	RCP	906.71	906.28	1.95	2
751-750	43	30	RCP	905.98	905.44	1.25	-7
763-762	50	24	RCP	903.31	903	0.62	
715-714	46	12	RCP	905.4	905.01	0.84	1
714-713	24	12	RCP	905.01	904.87	0.58	
713-E551	146	12	RCP	904.87	903.49	0.94	-3
721-720	24	12	RCP	906.03	905.85	0.75	
720-719	148	12	RCP	905.85	905.18	0.45	
719-718	137	15	RCP	905.1	904.83	0.25	

718-717	24	15	RCP	904.73	904.67	0.25	
717-716	118	15	RCP	904.67	903.49	1	-1
734-735	170	12	RCP				

RCP Pipe Totals:

12	929
15	686
24	50
30	43
30" CMP	41
42	817

Total: 2566

*Note: the 36" RCP was reported with section 9

The length of the drain due to the changes described above is now **2566 feet**.

The non-enforcement was approved by the Board at its meeting on July 28, 2003 and recorded under instrument #200300093803.

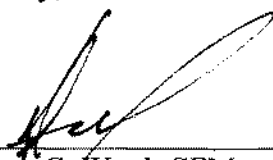
The following sureties were guaranteed by Developers Surety and Indemnity Company and released by the Board on its January 9, 2006 meeting.

Bond-LC No: 887716S
Insured For: Storm Sewers
Amount: \$ 364,091.00
Issue Date: October 8, 2002

Bond-LC No: 887724S
Insured For: Erosion Control
Amount: \$49,500.00
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

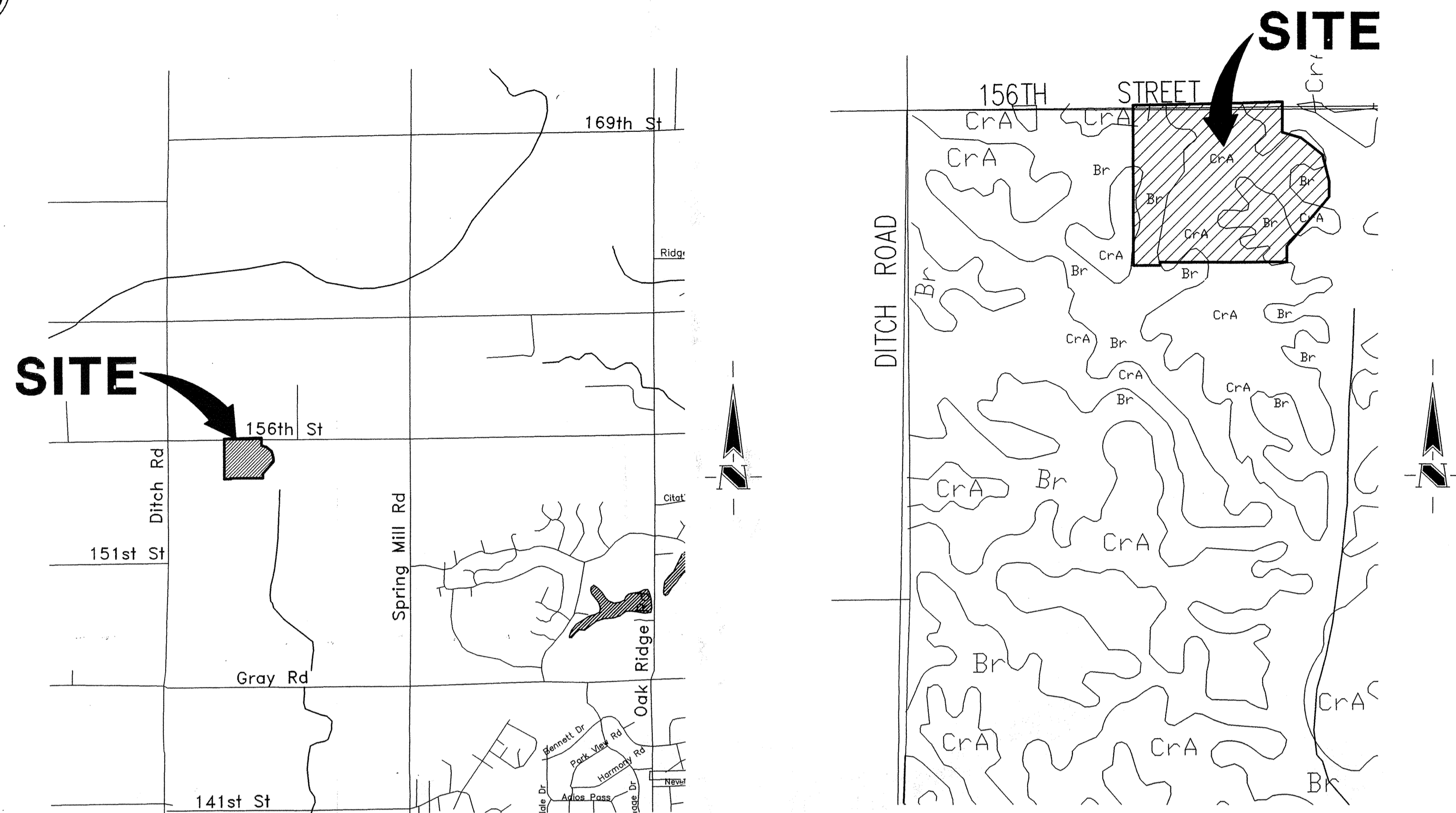
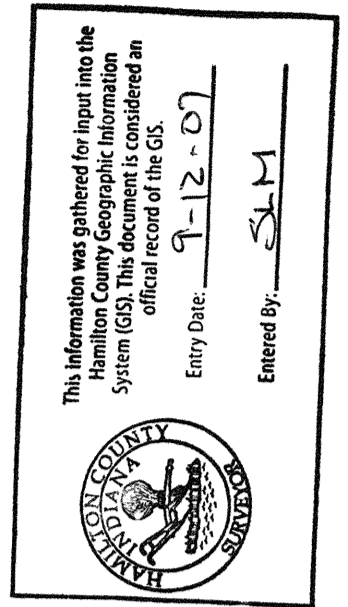
KCW/slm

- SEC. 15-T18N-R3E -

CENTENNIAL SECTION 8

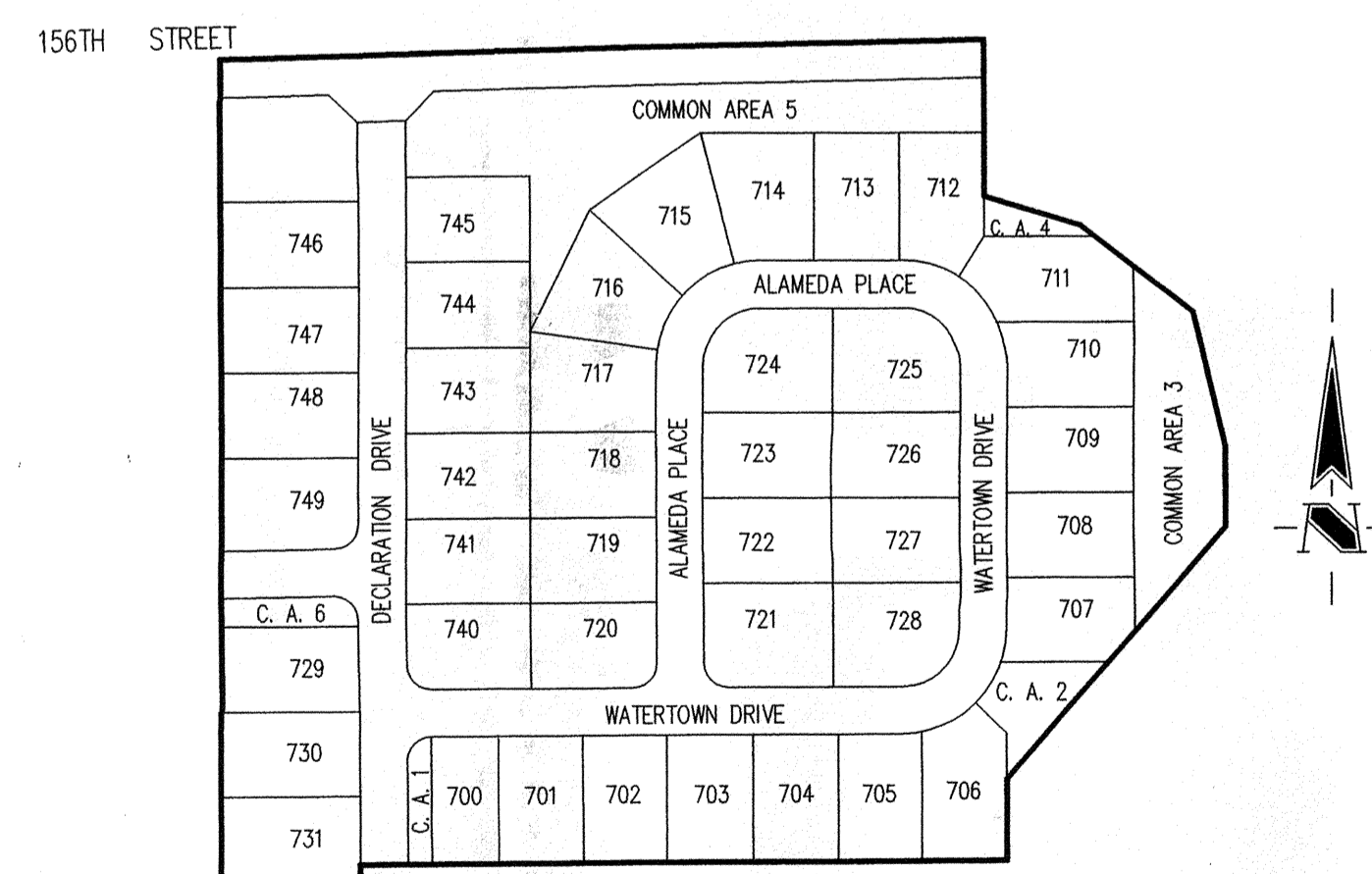
(CONSTRUCTION PLANS) HAMILTON COUNTY WESTFIELD, INDIANA

DEVELOPER:
ESTRIDGE DEVELOPMENT CO., INC.
1041 WEST MAIN STREET
CARMEL, INDIANA 46032
13171 582-2456



AREA MAP
SCALE: 1"=2000'

SOILS MAP
SCALE: 1"=500'



SITE MAP
SCALE: 1"=200'

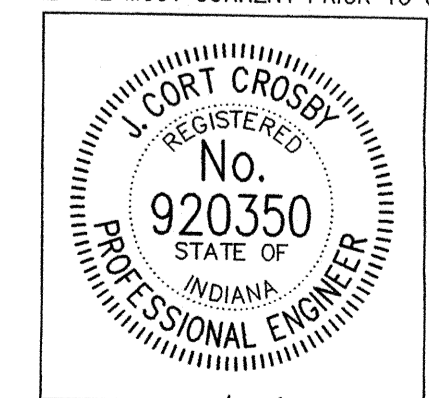
INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101-C103	DEVELOPMENT PLAN
C104	STRUCTURE DATA AND INFORMATION
C105-C107	EROSION CONTROL PLAN
C108	EROSION CONTROL DETAILS
C201-C204	STREET PLAN
C301	ENTRANCE PLAN
C302	INTERSECTION DETAILS
C303	TRAFFIC CONTROL PLAN
C401-C404	SANITARY SEWER PLAN
C601-C606	STORM SEWER PLAN
C701, C702	WATER DISTRIBUTION PLAN
C703	WATER DISTRIBUTION DETAILS
C801-C804	GENERAL DETAILS
C901, C902	SPECIFICATIONS



Historic Fort Harrison
8901 Otis Avenue
Indianapolis, Indiana
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DATE:	BY:	DESCRIPTION:
08/14/02	PRC	C100-C102, C104-C106, C201-C204, C301, C303, C401, C402, C601-C605, C701, C702 & C803.
08/30/02	PRC	C100, C101, C102, C103, C605 & C804.
10/03/02	PRC	C100-C102, C104-C106, C201, C203-C301, C402.
11/20/02	PRC	C100, C101, C102, C103, C104, C605, C701 & C702.

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

FILED
MAY 08 2003

DATE: 5/1/03

PROJECT ENGINEER: JCC

CHECKED BY: JCC DATE CHECKED: 07/17/02

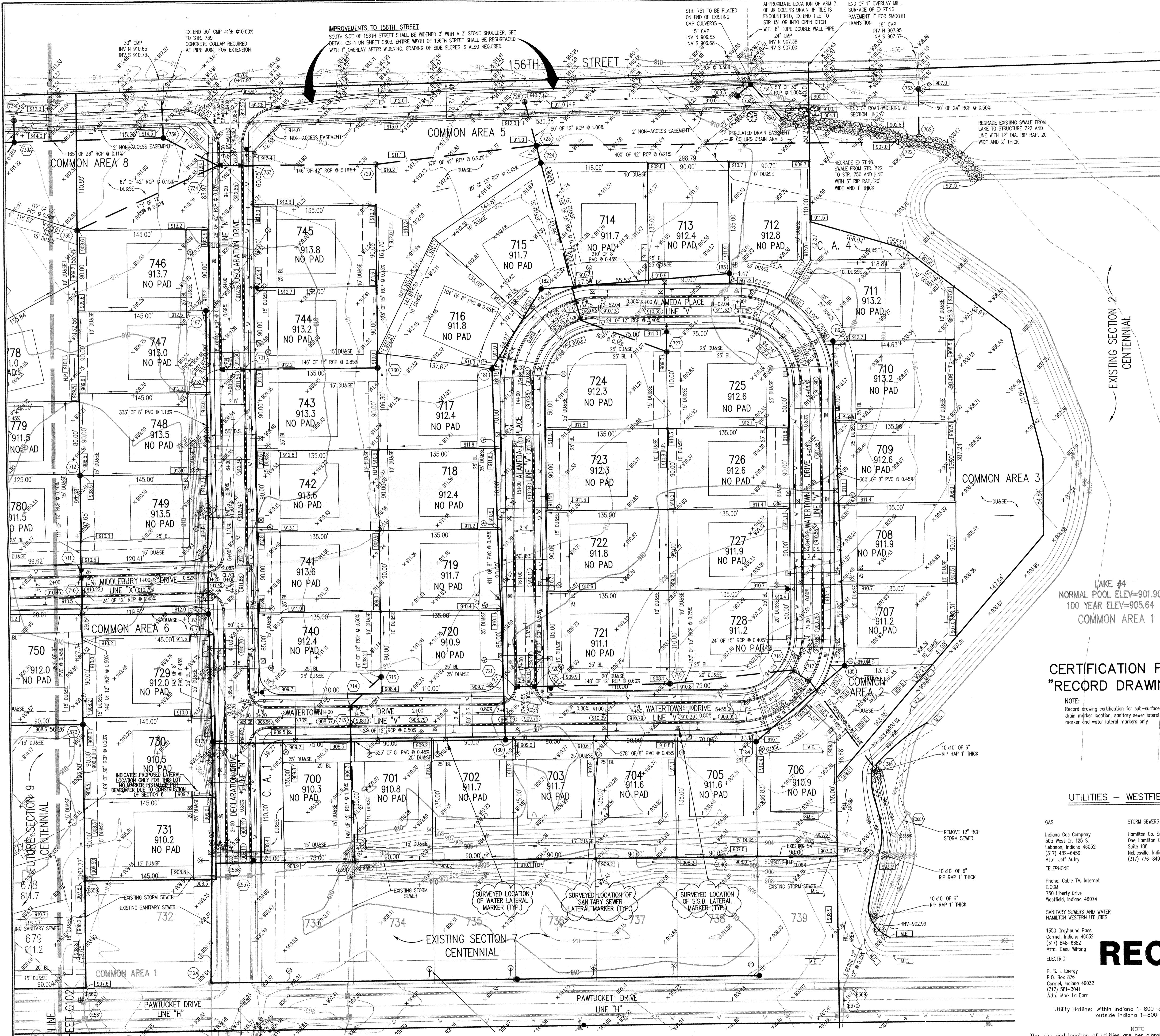
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JOB No. (753.028)

SHEET
C100
OF
35

RECORD DRAWING



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 IS-69-1991,
 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

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 WESTFIELD 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.
- 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.

CERTIFICATION FOR "RECORD DRAWING"

NOTE:
 Record drawing certification for sub-surface drain marker location, sanitary sewer lateral marker and water lateral markers only.

UTILITIES - WESTFIELD

GAS
 Indiana Gas Company
 505 West Cr. 125 S.
 Lebanon, Indiana 46052
 (317) 862-6456
 Attn: Jeff Autry

TELEPHONE
 Phone, Cable TV, Internet
 E.C.M.
 750 Liberty Drive
 Westfield, Indiana 46074

SANITARY SEWERS AND WATER
 HAMILTON WESTERN UTILITIES

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

ELECTRIC
 P. S. I. Energy
 P.O. Box 876
 Carmel, Indiana 46032
 (317) 581-3041
 Attn: Mark La Barr

STORM SEWERS
 Hamilton Co. Surveyor
 One Hamilton Co. Square
 Suite 188
 Noblesville, Indiana 46060
 (317) 776-8495

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

RECORD DRAWING

NOTE:
 FOR STRUCTURE DATA TABLES
 SHEET C104.

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
- Denotes House Size and No Pad To Be Built
- Grade Indicates Minimum Finished Floor Elevation

REGISTERED PROFESSIONAL ENGINEER
No. 920350
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DATE: 5/7/03

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

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Schneider

THE SCHNEIDER CORPORATION
 Historic Fort Harrison
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 Indianapolis, IN 46216-1037
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 Fax: 317.826.7200
 www.schneidercorp.com

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 Environmental Engineering
 Geotechnical Services
 GIS * LIS
 Home Builder Services
 Interior Design
 Land Surveying
 Landscape Architecture
 Transportation Engineering

CENTENNIAL SECTION 8

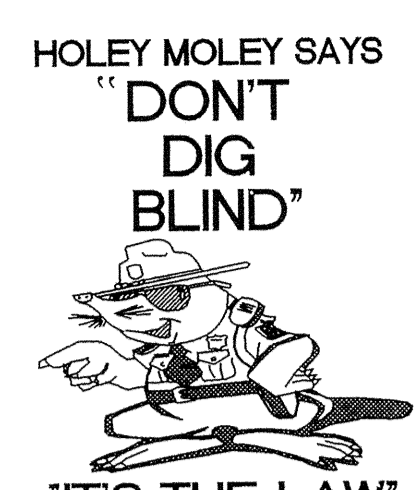
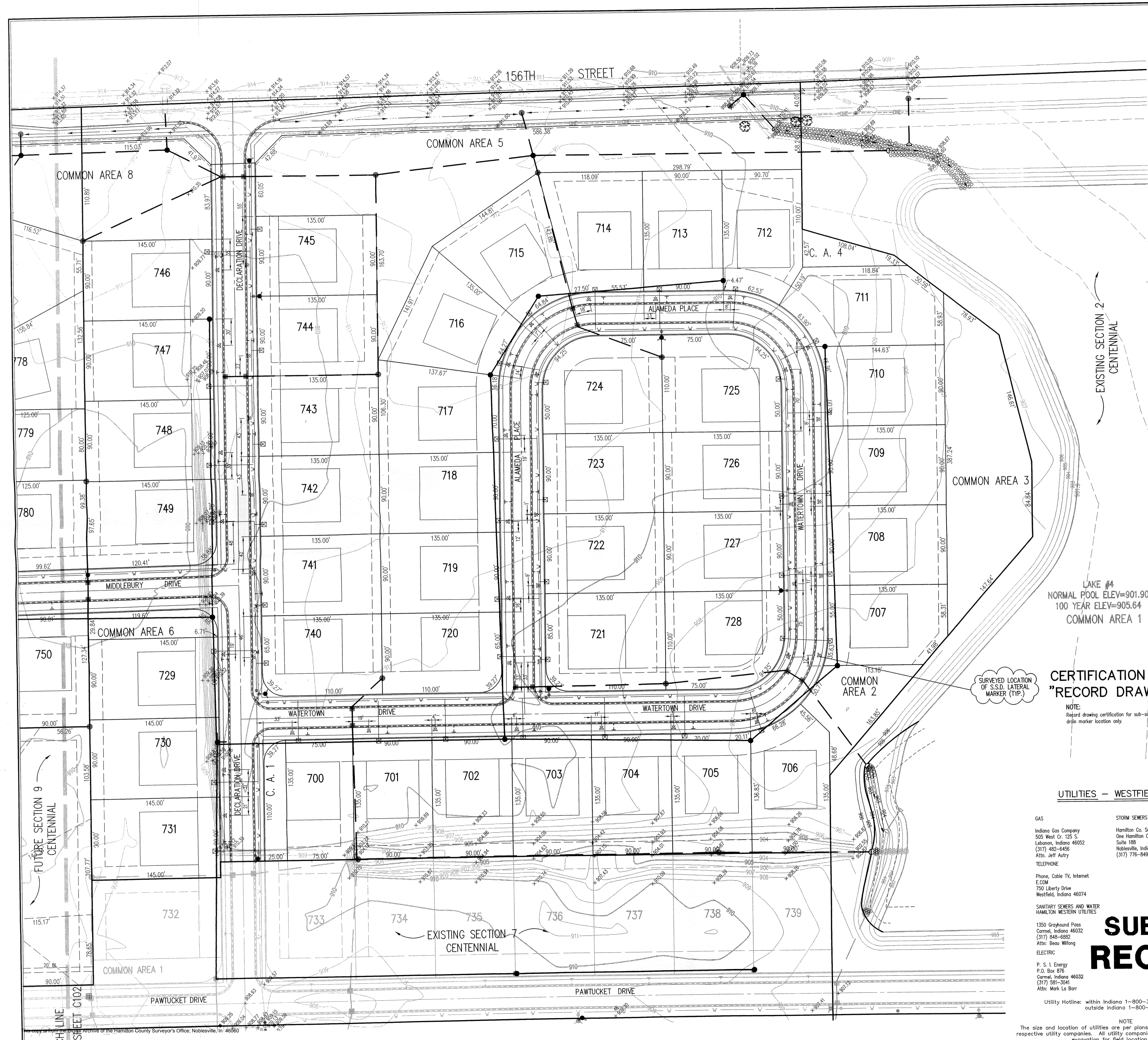
WESTFIELD, INDIANA
 ESTRIDGE DEVELOPMENT CO., INC.
 CARMEL, INDIANA

DATE: 07/17/02 PROJECT NO.: 753.028
 DRAWN BY: PRC CHECKED BY: JCC
 SHEET TITLE: DEVELOPMENT PLAN

DRAWING FILES:
 R:\753\028\DWG\C101
 XREF: 028B5
 XREF: R:\753\028\DWG\027B5
 XREF: R:\753\028\DWG\028B5
 XREF: R:\753\028\DWG\029B5
 XREF: R:\753\028\DWG\030B5
 XREF: R:\753\028\DWG\031B5

DATE: 07/17/02 PROJECT NO.: 753.028
 DRAWN BY: PRC CHECKED BY: JCC
 SHEET TITLE: DEVELOPMENT PLAN

DRAWING FILES:
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 XREF: 028B5
 XREF: R:\753\028\DWG\027B5
 XREF: R:\753\028\DWG\028B5
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 XREF: R:\753\028\DWG\030B5
 XREF: R:\753\028\DWG\031B5



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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

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 WESTFIELD 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.

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
- Denotes House Size and No Pad To Be Built
- Grade Indicates Minimum Finished Floor Elevation

CERTIFICATION FOR "RECORD DRAWING"

NOTE:
Record drawing certification for sub-surface
drain marker location only.

UTILITIES - WESTFIELD

GAS
Indiana Gas Company
505 West Cr. 125 S.
Lafayette, Indiana 46032
(317) 482-6456
Attn: Jeff Aubry

TELEPHONE
Phone, Cable TV, Internet
E.C.M.
750 Liberty Drive
Westfield, Indiana 46074

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 878
Carmel, Indiana 46032
(317) 581-3041
Attn: Mark La Barr

STORM SEWERS
Hamilton Co. Surveyor
One Hamilton Co. Square
Suite 188
Noblesville, Indiana 46060
(317) 776-8495

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

SUB-SURFACE DRAIN RECORD DRAWING

NOTE:
FOR STRUCTURE DATA TABLES
SHEET C104.

REVISIONS:
1. PRC 06/02/02 ASSESS PAVEMENT WEAR & IMPROVEMENT NOTE
2. PRC 06/02/02 REISED LEASED FOR LOT GRADIES, ADD MINIMUM FOR NO PAD LOTS.
3. PRC 06/02/02 REISED STORM SEWERS STR. 734 - 741
4. PRC 11/20/02 ADD REVISION FOR 156TH STREET
5. BAB 9/1/03 48" SURFACE DRAIN ASSESS

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Drawn By: SLM
Checked By: SLM
Date: 9-12-07

U.C. CROSSBY 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

TILCO
MAY 0 8 2003

DATE: 07/17/02 PROJECT NO.: 753.028
DRAWN BY: PRC CHECKED BY: JCC

SHEET TITLE:
SUB-SURFACE DRAIN RECORD DRAWING

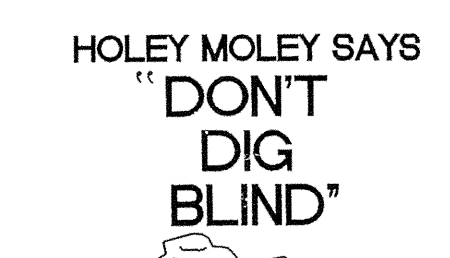
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XREF: R:\753\028\DWG\031B5

SHEET NO.: **C101**



CERTIFICATION FOR "RECORD DRAWING"

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DAYS BEFORE COMMENCING WORK.

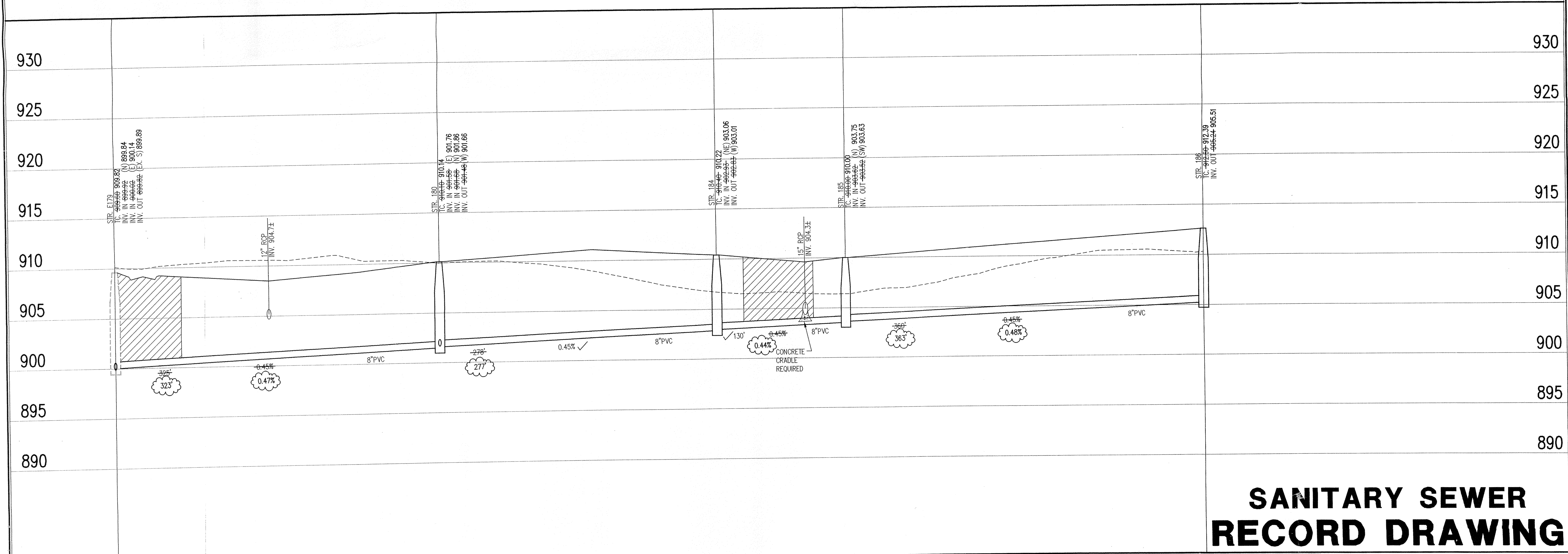
GENERAL NOTES

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- ALL WYE, LATERAL AND PROFILE STATIONS ARE FROM THE NEAREST DOWNSTREAM MANHOLE. (MH)
- WYES AND LATERALS TO BE 6" PIPE UNLESS OTHERWISE SPECIFIED.
- ALL WYE CONNECTIONS SHALL HAVE A MINIMUM OF FIVE (5) FOOT LATERAL EXTENSION CONNECTED TO THE WYE, OR EXTEND TO THE UTILITY AND DRAINAGE EASEMENT OF THE LOT, WHICHEVER IS GREATER, BUT IN NO CASE SHOULD THE END OF THE LATERALS BE CLOSER THAN FIVE (5) FEET TO THE BUILDING LINE, UNLESS NOTED OTHERWISE. THE END OF THE LATERAL SHALL BE PLUGGED OR CAPPED, UNLESS OTHERWISE NOTED.
- LATERALS RUNNING TO THE OPPOSITE SIDE OF THE STREET SHALL EXTEND TO THE UTILITY AND DRAINAGE EASEMENT OF THE LOT, BUT IN NO CASE SHOULD THE END OF THE LATERALS BE CLOSER THAN FIVE (5) FEET TO THE BUILDING LINE, UNLESS OTHERWISE NOTED.

Sheet	Part	Description
CB01	S-1	Precast Reinforced Concrete Manhole
CB01	S-5	Sanitary Sewer Bedding Detail
CB01	S-11	Service Connection
CB01	S-10	Wye & Lateral Capping Detail
CB01	S-12	Service Connection
CB01	S-13	Service Connection

SANITARY SEWER PLAN

SCALE: 1"=50'

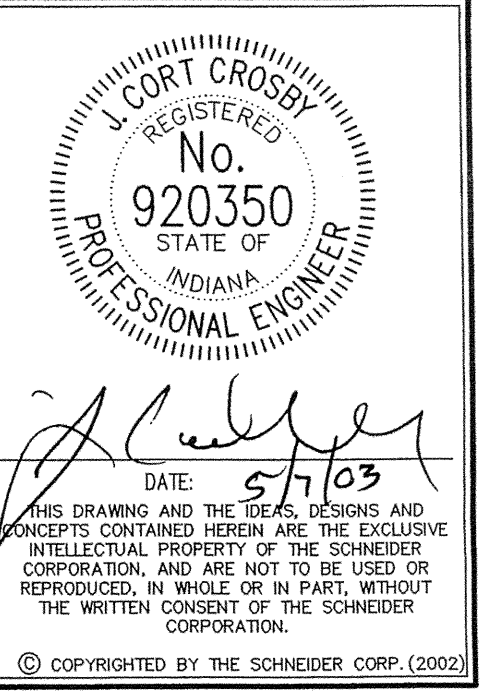


SANITARY SEWER RECORD DRAWING

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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



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CENTENNIAL SECTION 8

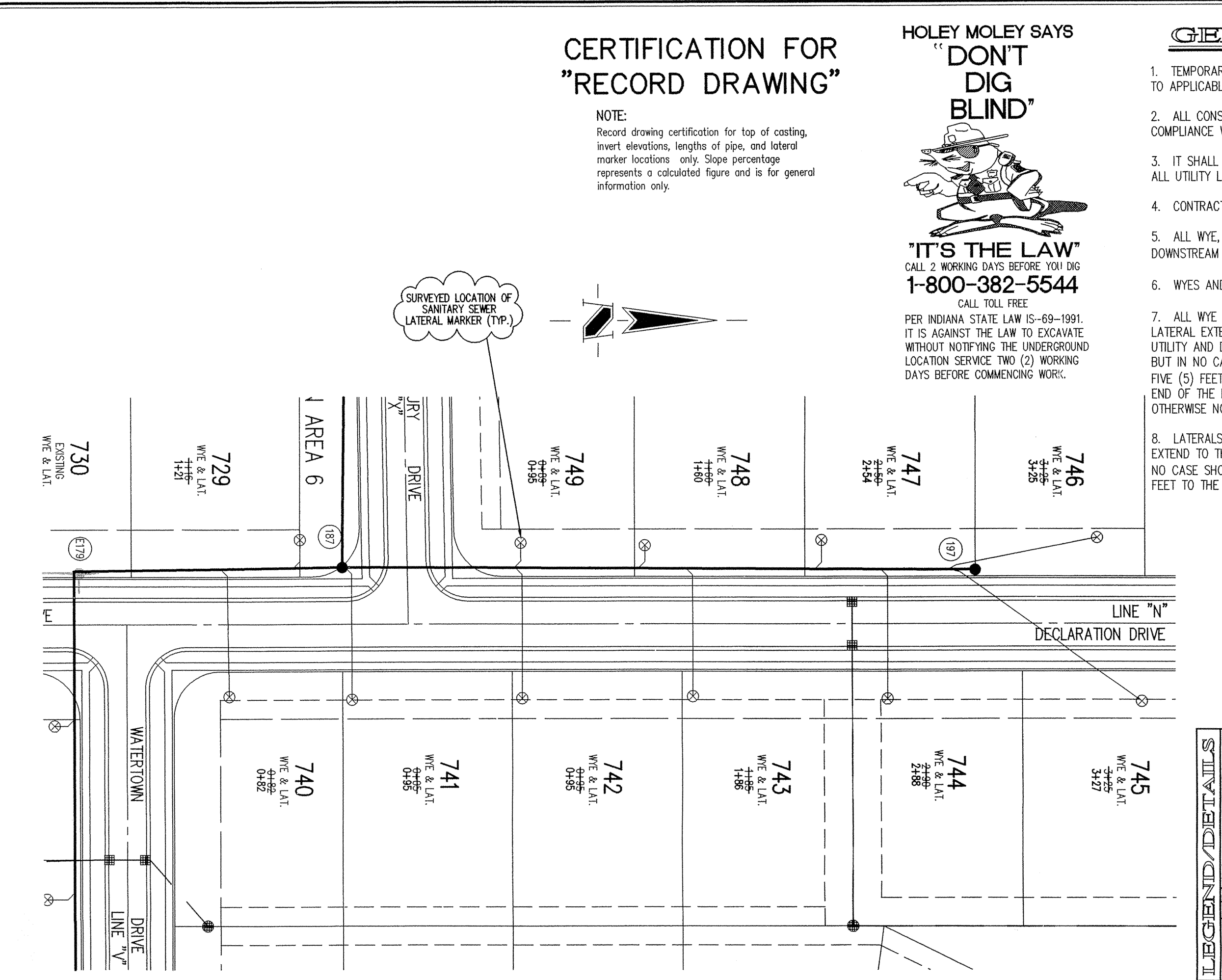
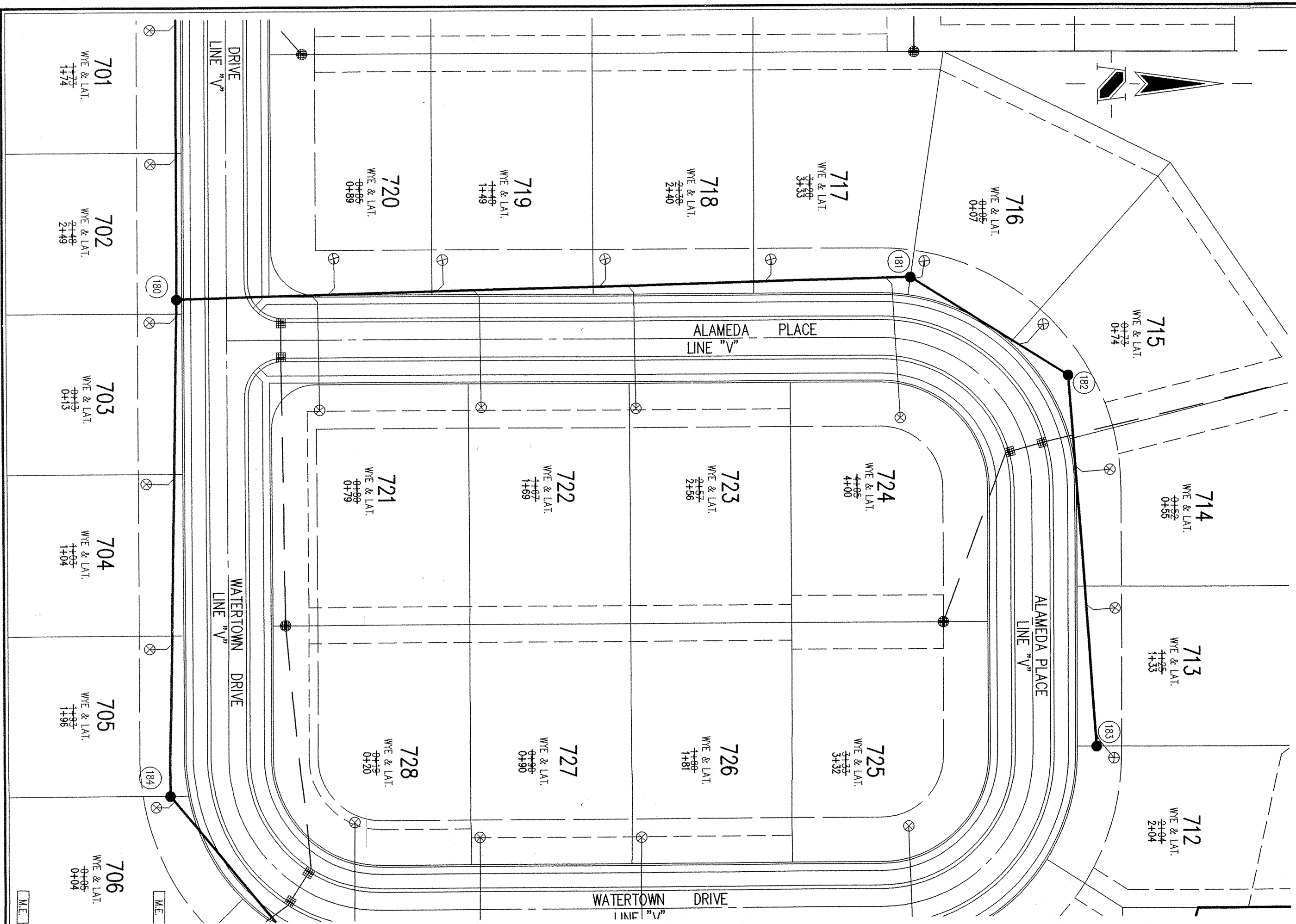
WESTFIELD, INDIANA
ESTRIDGE DEVELOPMENT CO., INC.
CARMEL, INDIANA

DATE: 07/17/02 PROJECT NO.: 753.028
DRAWN BY: DRP CHECKED BY: JCC

SHEET TITLE: SANITARY SEWER PLAN
DRAWING FILES:
R:\753\028\DWG\3\C401
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XREF: R:\753\027\DWG\3\027B5
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XREF: R:\753\027\DWG\3\027B5
XREF: R:\753\003\DWG\3\003B5

SHEET NO.: **ED**
C403

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CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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REVISIONS:
1. 06/09/02 SANITARY SEWER RECORD DRAWING

This information was prepared for use in the Hamilton County Geographic Information System (GIS). This document is considered an official record of the Hamilton County GIS.

Prepared By: SLM
Date: 9-12-01

J. CORT CROSBY
REGISTERED PROFESSIONAL ENGINEER
No. 920350
STATE OF INDIANA

DATE: 5/7/03

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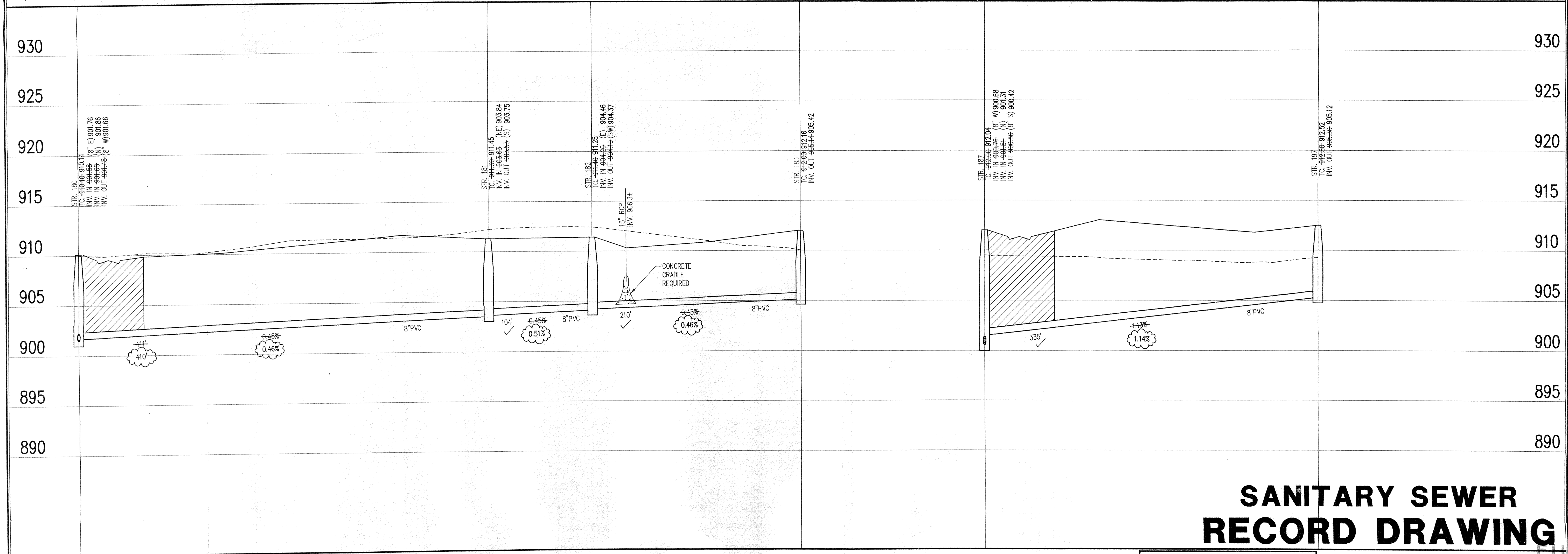
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SANITARY SEWER PLAN

SCALE: 1"=50'



SANITARY SEWER RECORD DRAWING

SANITARY SEWER PROFILE

LEGEND

- Existing Grade
- New Grade
- Granular Backfill

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

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: SANITARY SEWER PLAN

DRAWING FILES:
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2003 MAY 0
OFFICE OF HAMILTON COUNTY SURVEYOR
C404

**CERTIFICATION FOR
"RECORD DRAWING"**

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



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PER INDIANA STATE LAW IS-69-1991,
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LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

Sheet	Detail	Description
C802	4	Bedding Detail - Reinforced Concrete Pipe (RCP)
C802	1	Roll Curb Inlet Detail
C802	2	Beehive Inlet Detail
C802	3	Storm Manhole Detail
C802	6	Precast Concrete End Section
C802		RipRap Detail @ End Section

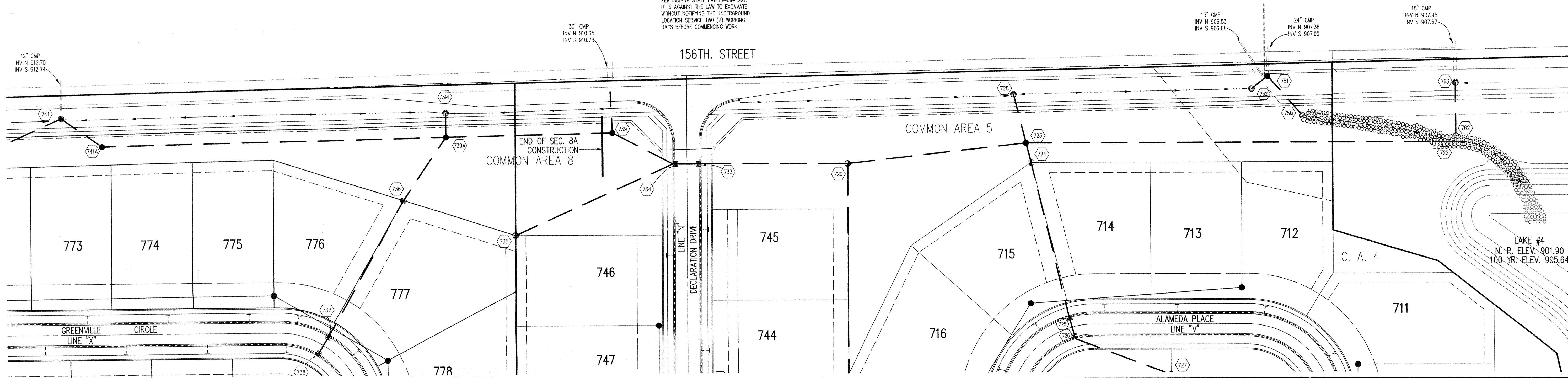
BENCHMARK

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

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

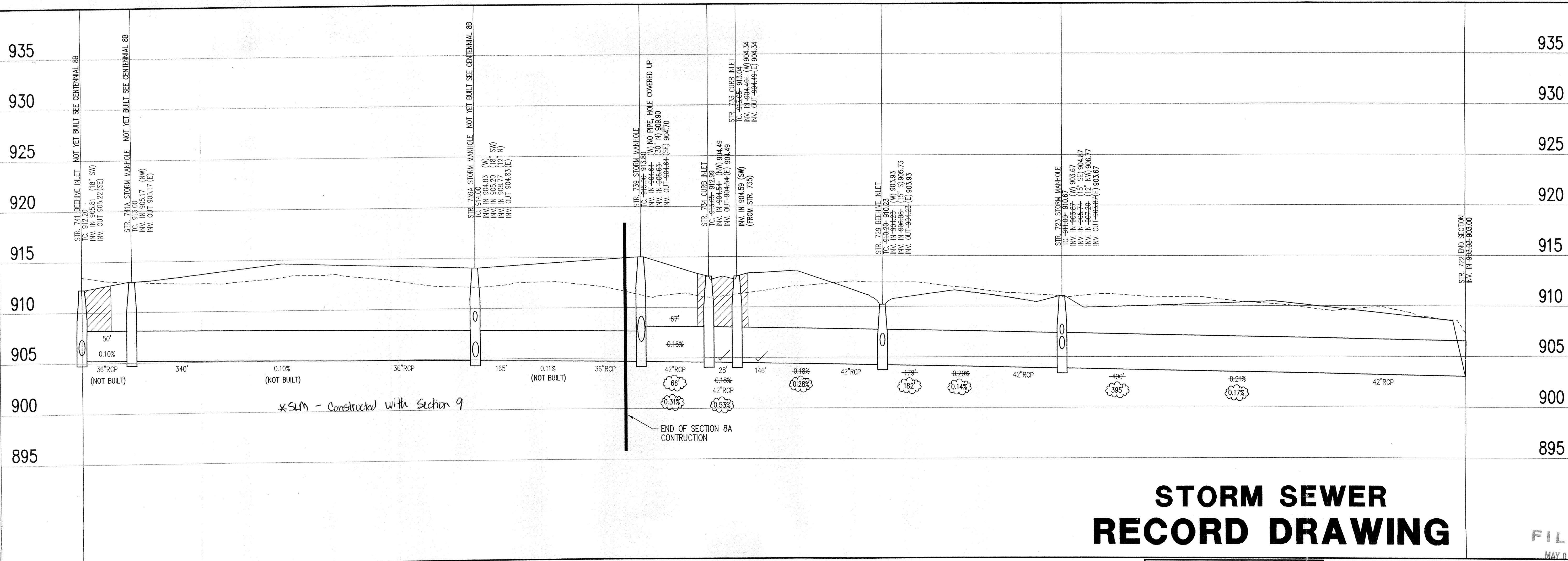
GENERAL NOTES

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STORM SEWER PLAN

SCALE: 1"=50'



**STORM SEWER
RECORD DRAWING**

LEGEND		
	Existing Grade	
	New Grade	
	Granular Backfill	

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

REVISIONS:
1. DATE: 07/17/02
2. BY: JCC
3. BY: JCC

Information was gathered for input into the GIS system 05/03. This document is considered an official record of the GIS.

Entry Date: 5/11/03
Entered By: JCC

CURT CROSS
REGISTERED
No. 920350
STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE: 5/1/03

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CENTENNIAL SECTION 8

WESTFIELD, INDIANA

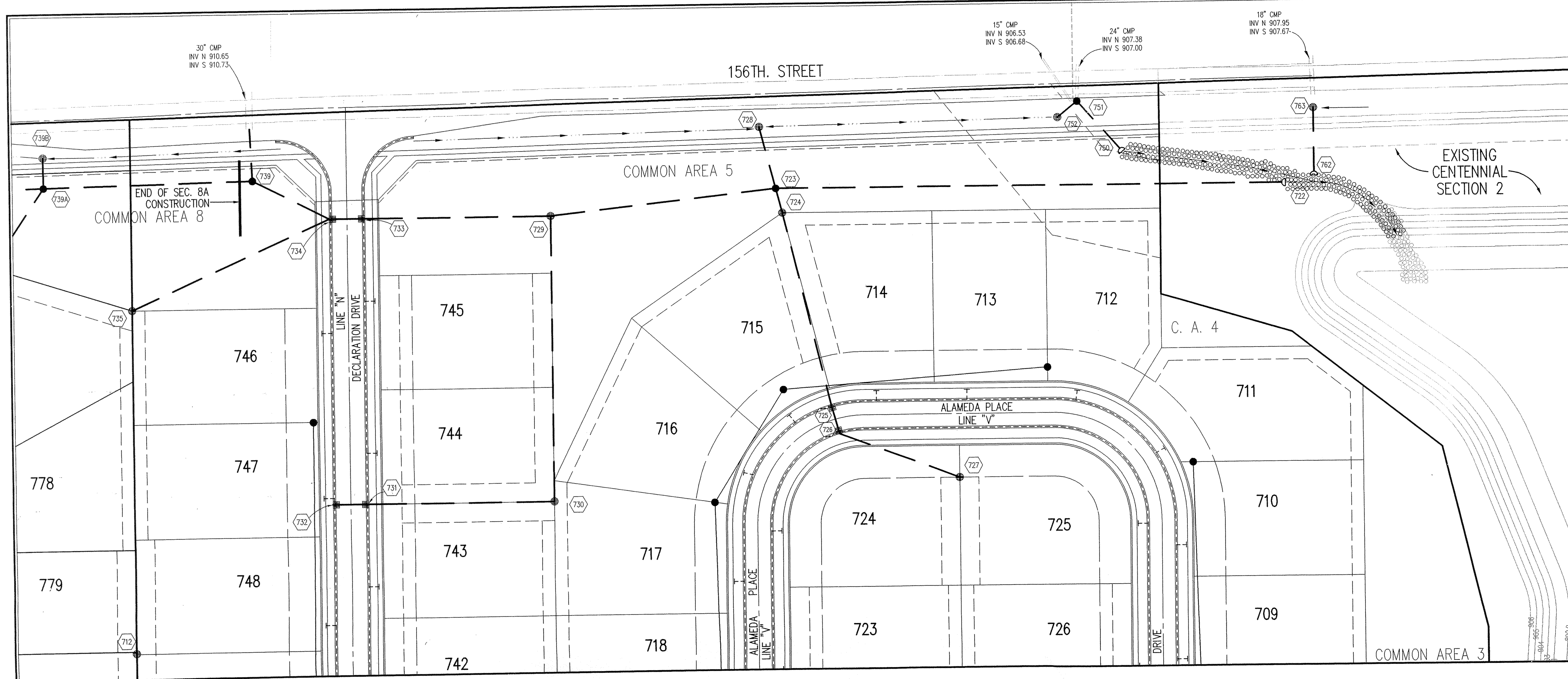
ESTRIDGE DEVELOPMENT CO., INC.
CARMEL, INDIANA

DATE: 07/17/02 PROJECT NO.: 753.028
DRAWN BY: DRP CHECKED BY: JCC
SHEET TITLE: STORM SEWER PLAN

DRAWING FILES:
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XREF: R:\753\028\DWG\0278S

FILE
MAY 08

SHEET NO.:
C601



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

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 PER INDIANA STATE LAW IS-60-1991, 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:
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GENERAL NOTES

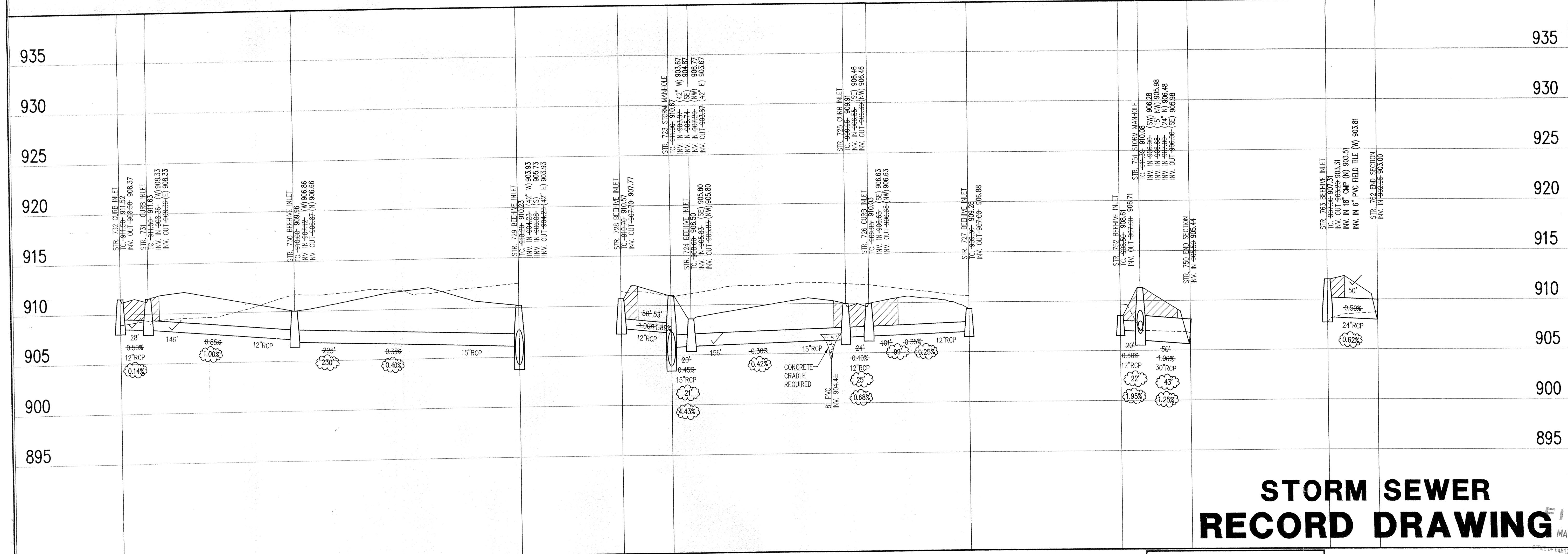
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LEGEND/DETAILS

Sheet	Detail	Description
C802	4	Bedding Detail - Reinforced Concrete Pipe (RCP)
C802	1	Roll Curb Inlet Detail
C802	2	Beehive Inlet Detail
C802	3	Storm Manhole Detail
C802	6	Precast Concrete End Section
C802		RipRap Detail @ End Section

STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

STORM SEWER RECORD DRAWING

LEGEND

- Existing Grade
- New Grade
- Granular Backfill

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

REVISIONS:
 1. ADD ASSESS ROAD WIDENING ALONG 156TH ST. & REY. FRONTAGE BY WEST OF DITCH ROAD.
 2. DDP 10/07/02, REISED PLAN NEW
 3. BAB 5/1/03 STORM SEWER RECORD DRAWING

This information was prepared for input into the system (GIS). This document is considered an official record of the GIS.
 Entry Date: 9-12-07
 Entered By: SLM

CORT CROSSBY
 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

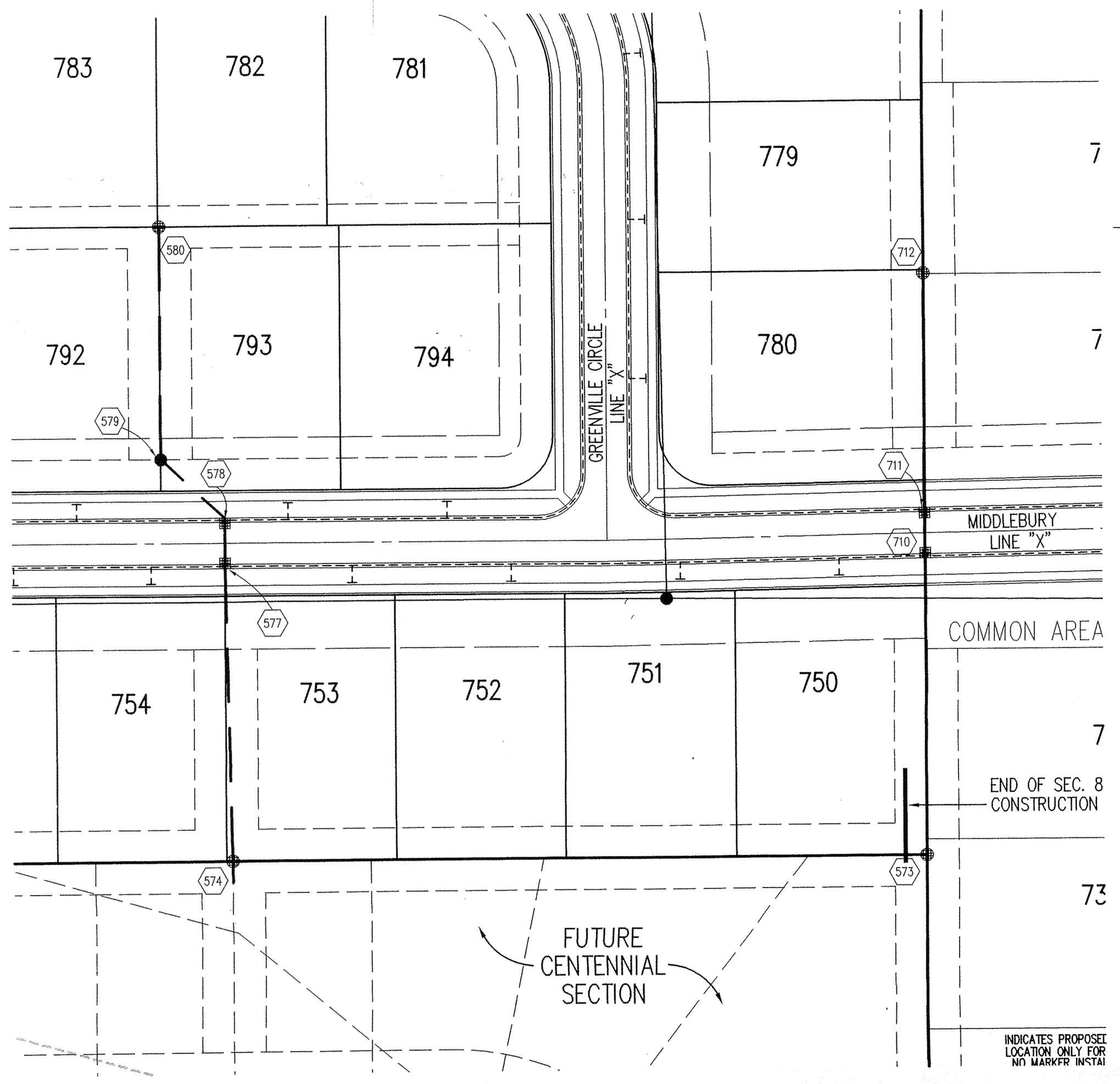
DATE: 07/17/02 PROJECT NO.: 753.028
 DRAWN BY: DRP CHECKED BY: JCC
 SHEET TITLE: STORM SEWER PLAN

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SHEET NO.: 1 OF 1
 BY SURVEYOR

C602

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CERTIFICATION FOR "RECORD DRAWING"

NOTE:
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Sheet	Sheet Number	Description
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C802	6	Precast Concrete End Section
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BRASS DISK IN CONCRETE POST S.W. CORNER OF 146TH AND DITCH ROAD.
ELEV. = 903.373

TEM #9
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ELEV. = 908.39

GENERAL NOTES

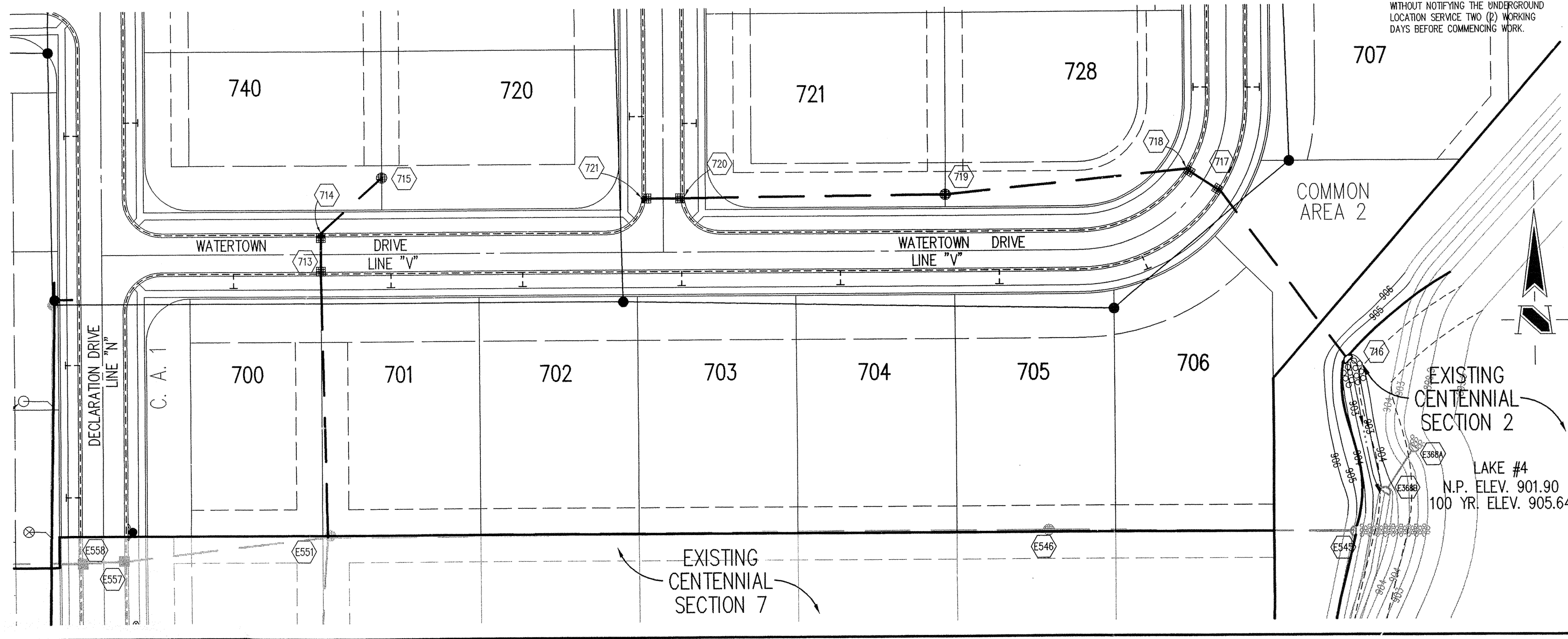
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1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

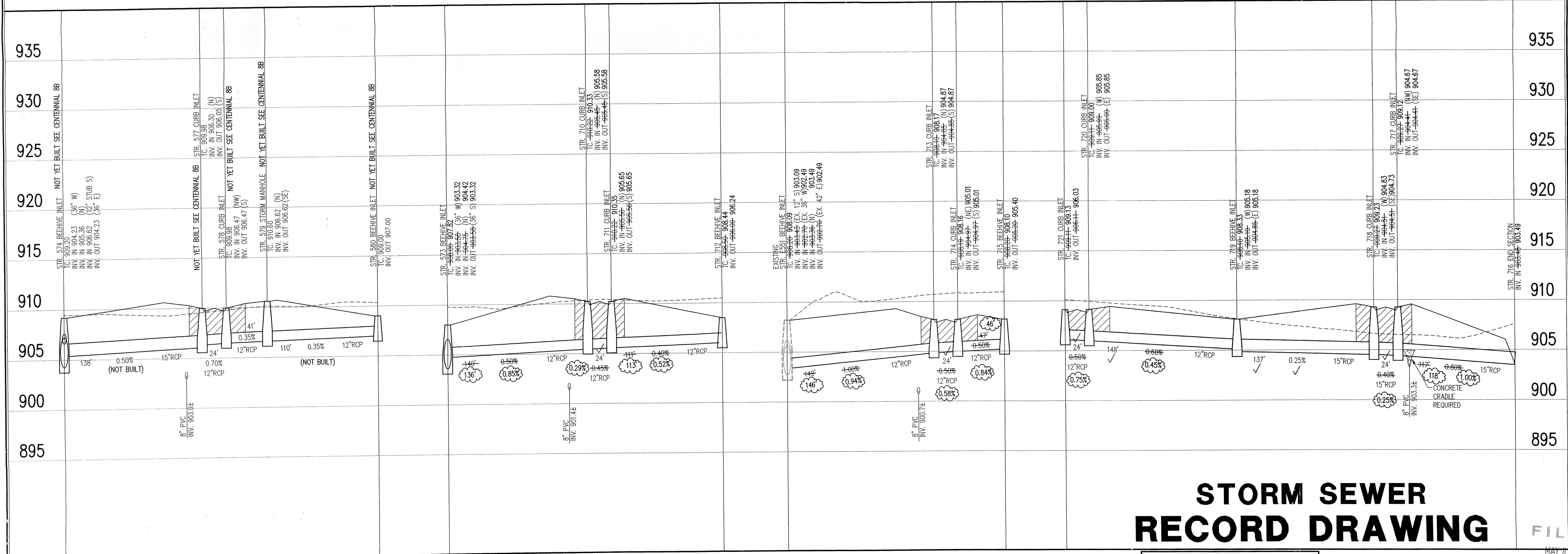
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Print Date: 07-12-07
Entered By: SLM



STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

LEGEND		
	Existing Grade	
	New Grade	
	Granular Backfill	

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

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\6601 XREF: R:\753\028\DWG\6602 XREF: R:\753\027\DWG\027B5 XREF: R:\753\028\DWG\028B5 XREF: R:\753\029\DWG\029B5 XREF: R:\753\003\DWG\003B5 XREF: R:\753\003\DWG\003B5	
SHEET NO.: 6606	