

**Drain:** CENTENNIAL DRAIN **Drain #:** 315  
**Improvement/Arm:** CENTENNIAL TOWN HOMES - SECTION 2  
**Operator:** SLM/JOH **Date:** 11-7-03  
**Drain Classification:** Urban/Rural **Year Installed:** 2001

**GIS Drain Input Checklist**

- Pull Source Documents for Scanning JRA 11-7
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains SLM/JRA 11-7
- Digitize & Attribute SSD SLM/JRA 11-7
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JRA 11-7
- Sum drain lengths & Validate JRA 11-7
- Enter Improvements into Posse JRA 11-7
- Enter Drain Age into Posse JRA 11-7
- Sum drain length for Watershed in Posse JRA 11-7
- Check Database entries for errors JRA 11-7

### Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: CENTENNIAL DRAIN - CENTENNIAL TOWNHOMES - SECTION 4

Drain Type:	Size:	Length <small>(SURVEYORS REPORT)</small>	Length (DB Query)	Length Reconcile	Applicable	
					Price:	Cost:
RCP	12"	1340'	1340'	Ø		
	15"	288'	288'	Ø		
	18"	415'	415'	Ø		
	24"	349'	349'	Ø		
	30"	120'	120'	Ø		

Sum:      2512'      2512'      Ø      \_\_\_\_\_

Final Report: \_\_\_\_\_

Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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*

December 19, 2001

TO: Hamilton County Drainage Board

RE: Centennial Drain, Townhouses Phase I and Clubhouse Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Townhouses Phase I and Clubhouse 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 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	1248 ft	24" RCP	348 ft
15" RCP	287 ft	30" RCP	124 ft
18" RCP	413 ft		

The total length of the drain will be 2,420 feet.

The portions of drainage facilities to be part of the regulated drain are shown on the plans prepared by the Schneider Corporation dated March 15, 2000. The regulated portions of the drainage facilities are those sections of pipe between the following structures: 422-421, 421-419, 419-420, 419-414, 414-201-Outlet, E202-201, E254-254A, 417-416, 418-416, 416-415, 415-414, 432-433, 433-434, 434-435, and 431-430, 430-429, 428-427, 427-426, 426-424, 424-423.

This also reduces the length of drain for Section 1 of Centennial as set out in my surveyors report dated October 16, 1998. This involves the removal of the pipe lengths between structures 202, 201, and 200. This affects 218 feet of 24" RCP.

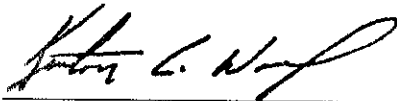
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$500.00.

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 Subdivision Section 1 Final Plat Amendment 1: Revision to Block "A" and Block "B" Townhome Parcels 10 and 13 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 28, 2002



Kenton C. Ward *KCW*  
Hamilton County Surveyor

KCW/mkh

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Centennial Drain, Townhouses Phase 1 and Clubhouse Arm

On this *28th day of January 2002*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Centennial Drain, Townhouses Phase 1 and Clubhouse 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

*A.C. Delluzio*  
\_\_\_\_\_  
Member

*Sharon R. Clark*  
\_\_\_\_\_  
Member

Attest: *Joseph M. Mastromarino*  
\_\_\_\_\_

TO: HAMILTON COUNTY DRAINAGE BOARD  
c/o Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Centennial Subdivision,  
One  
~~Section~~ Centennial Townhomes Phase Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain.  
Centennial Townhomes  
The drainage will affect various lots in Phase One 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 benefited  
thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

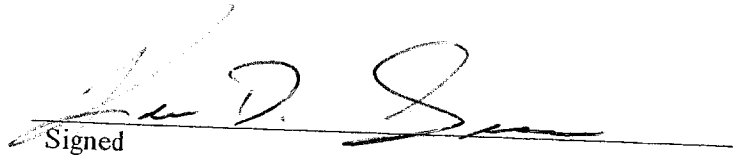
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic  
maintenance assessments by the Board thereafter.

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 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 11/7/01

Released  
March 12, 2001



# SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

DUPLICATE ORIGINAL

BOND NO.: 885595S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, Estridge Development Company, 1041 West Main, Carmel, IN 46032 as Principal, and DEVELOPERS SURETY AND INDEMNITY COMPANY, a corporation organized and doing business and under and by virtue of the laws of the State of Indiana and duly licensed to conduct surety business in the State of Indiana, as Surety, are held and firmly bound unto

Hamilton County Board of Commissioners  
1 Hamilton County Square  
Noblesville, IN 46060-2230

as Obligee, in the sum of One Hundred Seven Thousand Two Hundred Ninety-Seven & NO/100----- Dollars, (\$ ---107,297.00---) for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally firmly by these presents.

THE CONDITION OF THE OBLIGATION IS SUCH THAT:

WHEREAS, the above named Principal, has agreed to construct in Centennial Townhomes Subdivision, in Westfield, Indiana the following improvements: Storm sewers, including subsurface drains & inlets.

NOW, THEREFORE, the condition of this obligation is such, that if the above Principal shall well and truly perform said agreement or agreements during the original term thereof or of any extension of said term that may be granted by the Obligee with or without notice to the Surety, this obligation shall be void, otherwise it shall remain in full force and effect.

IN WITNESS WHEREOF, the seal and signature of said Principal is hereto affixed and the corporate seal and the name of the said Surety is hereto affixed and attested by its duly authorized Attorney-in-Fact, this 26th day of May, 2000.

Estridge Development Company, Inc.  
Principal

BY: [Signature]

DEVELOPERS SURETY AND INDEMNITY COMPANY

BY: [Signature]

Cynthia L. Jenkins Attorney-in-Fact

9452  
0751





SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

Bond No. 885955S

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 Oblige in the sum of Four Thousand Five Hundred and No/100 Dollars (\$ 4,500.00---) 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 Townhomes

Whereas, Principal, has, as a condition to approval of the plat for the real property, agreed to construct certain land improvements, consisting of Monuments & Markers, 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 Oblige, 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 Oblige, 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 Oblige, provided further that the penal sum hereof may be reduced upon resolution of Oblige.
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 1st day of November, 2000

Estridge Development Company, Inc. Principal

BY: [Signature] Title: [Signature]

Developers Surety and Indemnity Company Surety

BY: [Signature] Cynthia L. Jenkins Attorney-in-Fact

BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTON

SIP0300

WITNESSETH: HAMILTON COUNTY AUDITOR

DATE

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: CENTENNIAL TOWNHOMES, PHASE I

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: 2/23/01

Type or Print Name: J. CORT CROSBY P.E.

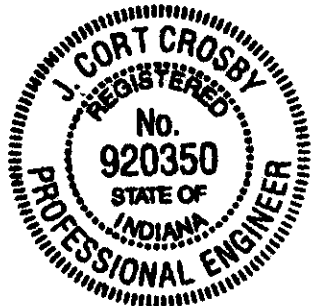
Business Address: THE SCHNEIDER CORPORATION

8901 OTIS AVE, INDIANAPOLIS, IN 46216-1037

Telephone Number: (317) 826-7306

FILE  
FEB 26 2001

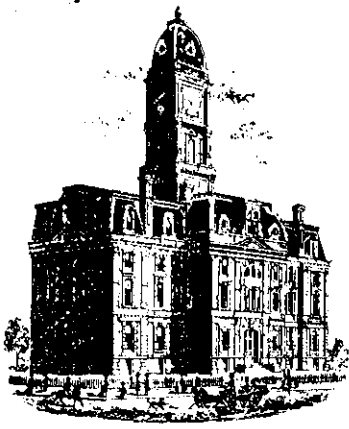
SEAL



INDIANA REGISTRATION NUMBER

920350

Revised 10/95



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

September 25, 2002

Re: Centennial Drain: Centennial Townhomes  
Phase I

Attached are as-builts, certificate of completion & compliance, and other information for Centennial Townhomes Phase I. 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 December 19, 2001. The Board at its hearing held January 28, 2002 approved the report. (See Drainage Board Minutes Book 6, Pages 246-248)

The changes are as follows:

**Structure:            T.C.:            I.E.:            Pipe:            Length:            Original Plans:**

422	908.13	905.83			
421	909.15	905.3	12	178	193
421	909.15	905.25			
419	909.14	904.99	12	73	
419	909.14	904.99			
414	908.93	904.13	12	74	
420	907.44	905.89			
419	909.14	904.99	12	123	124
201	908.55	903.5			
200		903.4	30	120	124
418		907.23			
416	909.27	905.42	12	118	119
416	909.27	905.37			
415	909.27	904.97	12	71	
415	909.29	904.97			
414	908.93	904.28	15	176	
414	908.93	904.08			
201	908.55	903.6	18	80	
417	909.07	906.57			
416	909.27	905.42	12	57	54
E202	908.76	903.86			
201	908.55	903.6	24	111	108

E254	909.04	906.04			
254A	908.87	906.77	12	20	18
435	907.43	904.83			
434	907.6	904.2	12	173	175
434	907.6	904.2			
433	907.06	903.51	12	170	175
433	907.06	903.46			
432		903.42	12	60	58
431A	908.47	906.87			
431	908.76	906.46	12	112	Not on Original Plans
431	908.76	906.46			
430	908.72	905.87	12	111	112
430	908.72	905.82			
429	908.64	905.44	15	112	
429	908.64	905.39			
428	908.61	905.21	18	117	
428	908.61	905.21			
427	908.67	904.62	18	118	117
427	908.67	904.52			
426	908.71	903.81	18	100	99
426	908.71	903.76			
424	908.61	903.21	24	196	192
424	908.61	903.11			
423		903.04	24	42	48

**RCP Pipe Totals:**

12	1340
15	288
18	415
24	349
30	120

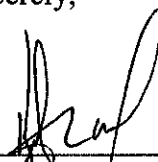
The length of the drain due to the changes described above is now **2512 feet**.

The non-enforcement was approved by the Board at its meeting on January 28, 2002 and recorded under instrument #200200067735.

The bond or letter of credit from Developers Surety & Indemnity Co number 885595s; dated May 26, 2000; in the amount of \$107,297.00; was released March 12, 2001.

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

Sincerely,

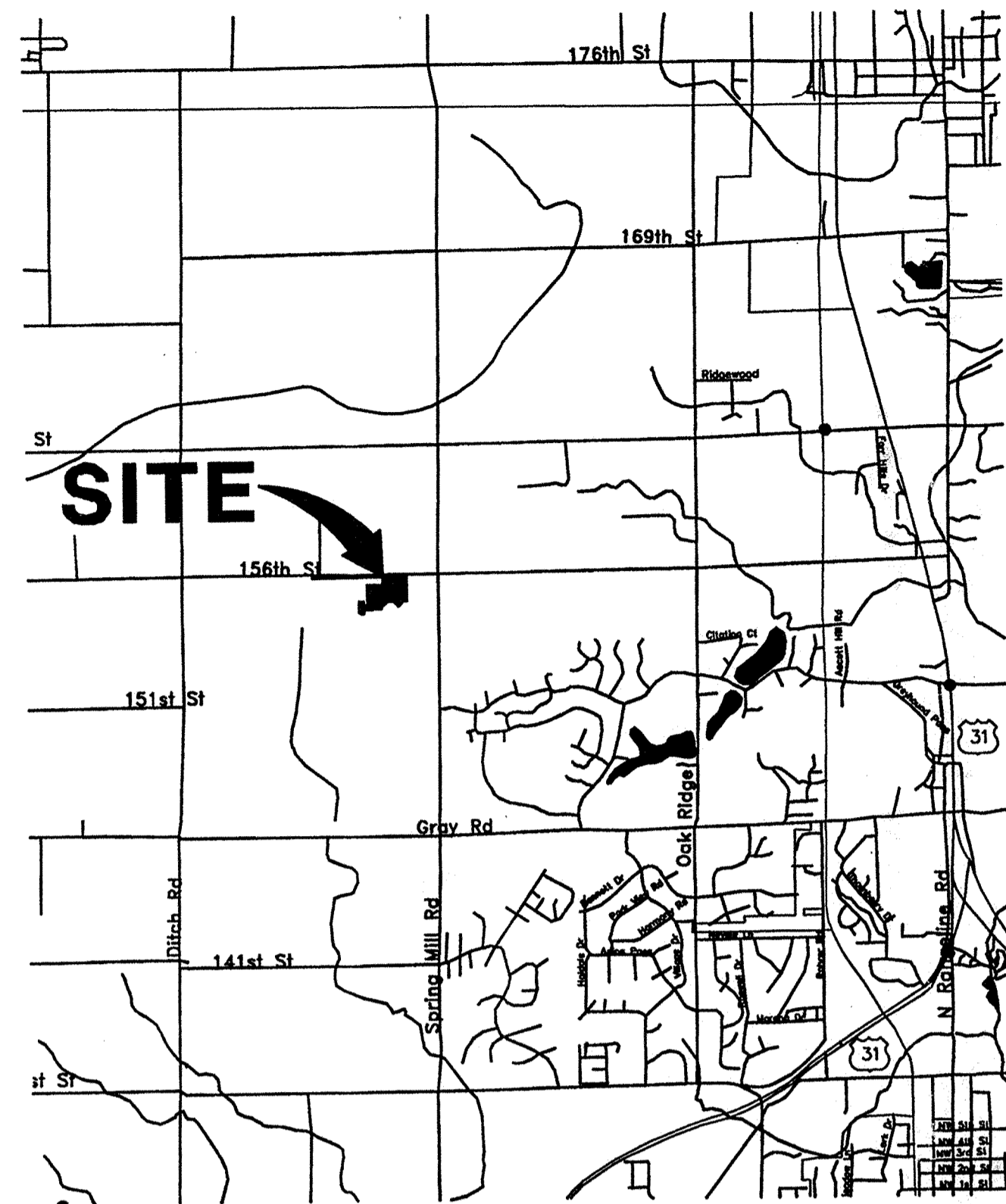


Kenton C. Ward,  
Hamilton County Surveyor

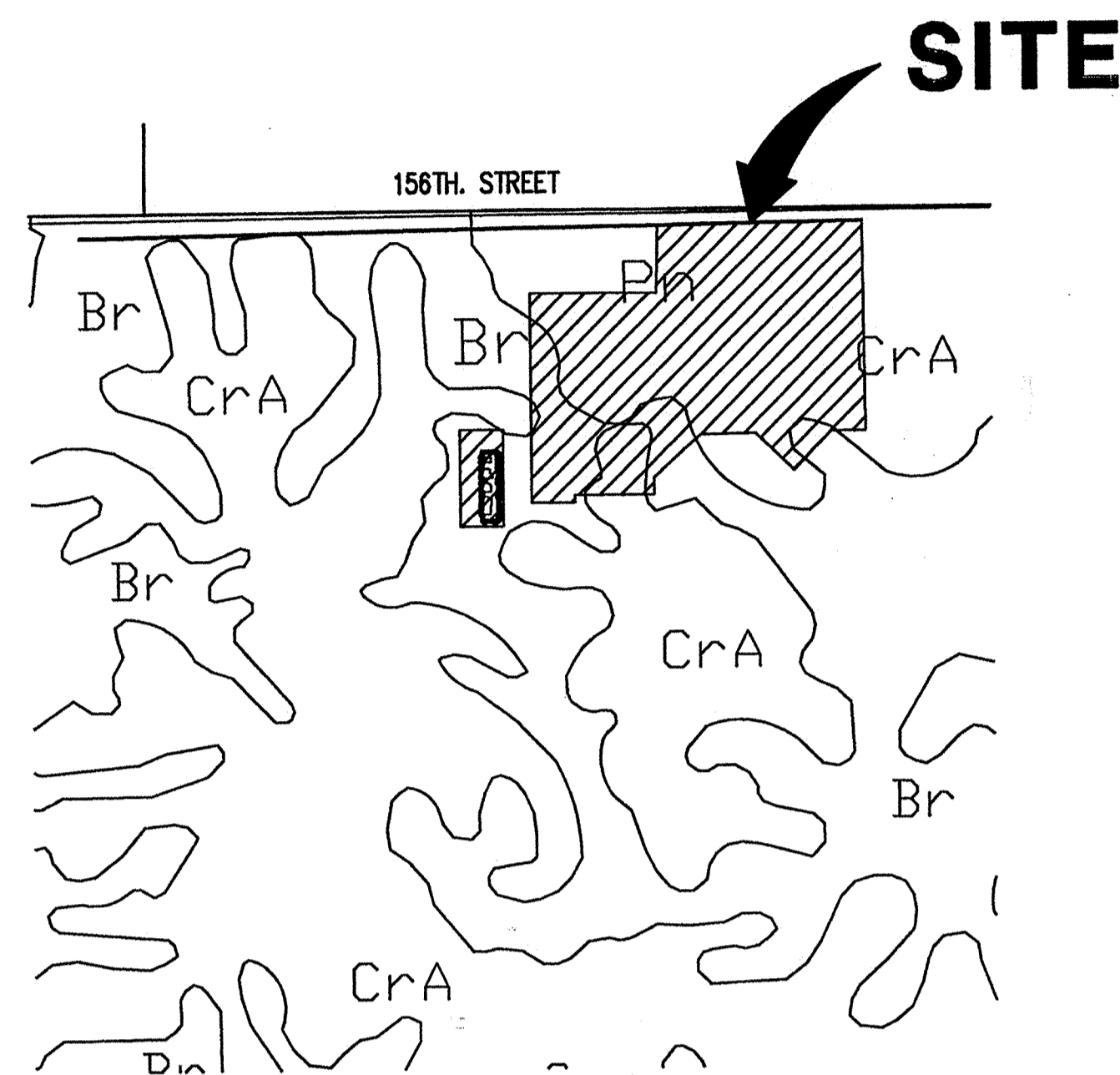
# CENTENNIAL TOWNHOUSES PHASE 1 AND CLUBHOUSE

(CONSTRUCTION PLANS)  
**HAMILTON COUNTY  
WESTFIELD, INDIANA**

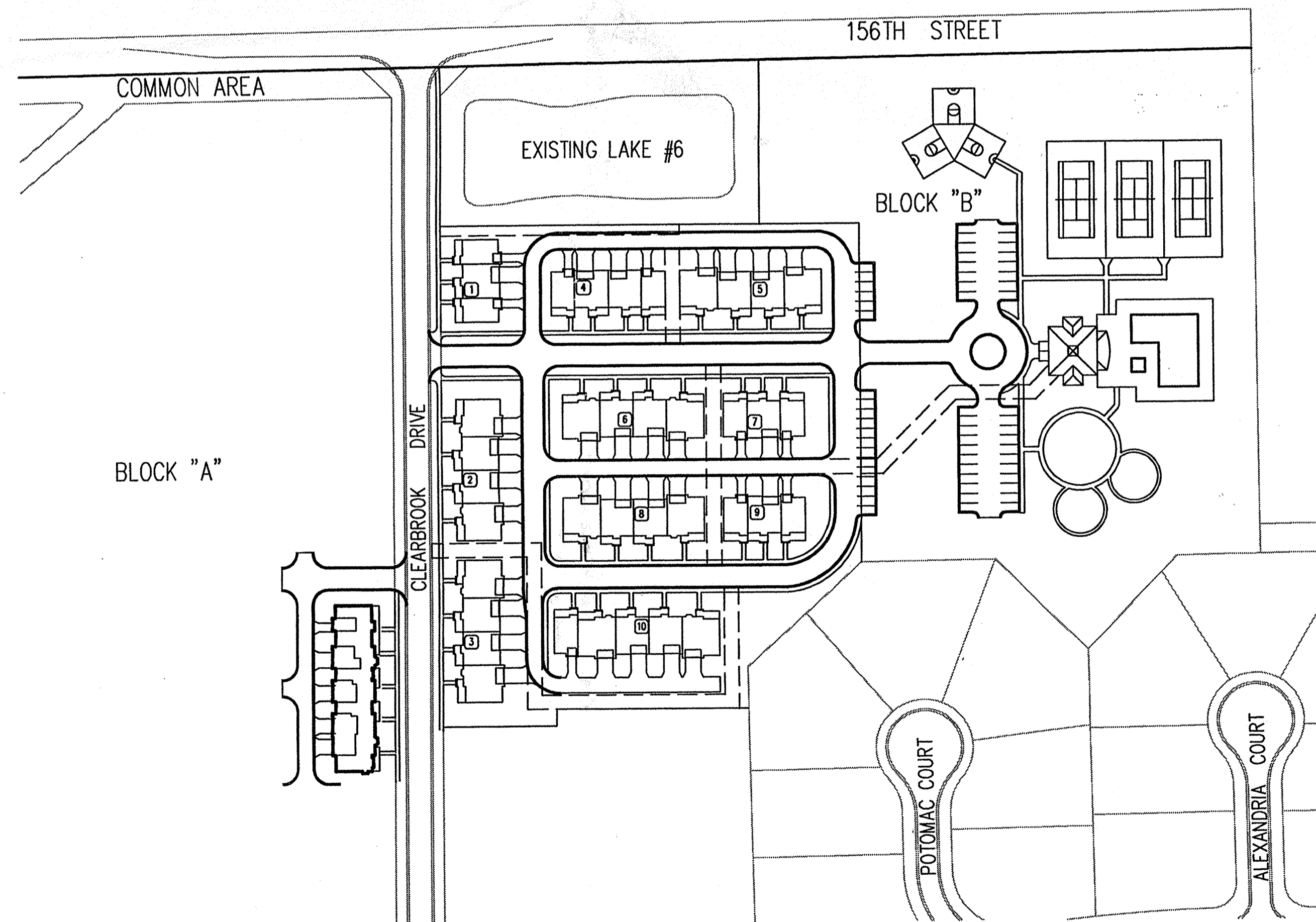
**DEVELOPER:**  
**ESTRIDGE DEVELOPMENT CO., INC.**  
1041 WEST MAIN STREET  
CARMEL, INDIANA 46032  
13171 582-2456



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



**SOILS MAP**  
SCALE: 1"=400'



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

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101, C102	SITE PLAN
C103, C104	DEVELOPMENT PLAN
C105, C106	EROSION CONTROL PLAN
C107	EROSION CONTROL DETAILS
C401	SANITARY SEWER PLAN
C601-C603	STORM SEWER PLAN
C701	WATER DISTRIBUTION PLAN
C702	WATER DISTRIBUTION DETAILS
C801, C802	GENERAL DETAILS
C901	SPECIFICATIONS

**STORM SEWER  
RECORD DRAWINGS**



3020 North Post Road  
Indianapolis, Indiana  
46226-6518  
317-898-8282  
317-899-8010 Fax

Engineering  
Surveying  
Landscape Architecture  
GIS • LIS  
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

CERTIFIED BY: J. CORT CROSBY, P.E.

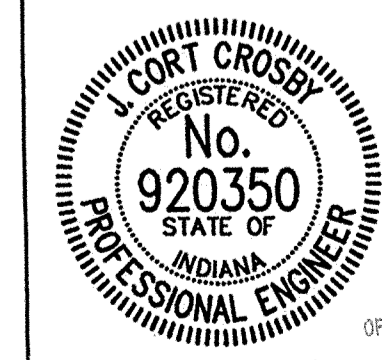
E-MAIL ADDRESS:

ccrosby@schneidercorp.com

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2000, The Schneider Corporation

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DATE: 10/22/01

FILED  
FEB 26 2001

SHEET  
**C100**  
OF  
17

REVISIONS:	DATE:	BY:	DESCRIPTION:
	04/21/00	PRC	C100, C101, C102, C103, C105 & C701, NEW C603.
	05/16/00	TKK	C100, C101, C103 AND C104
	06/12/00	TKK	C100, C101, C102, C103, C104, C105, C106, C107, C401, C601, C602, C603, C701, C802

PROJECT ENGINEER: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

DATE CHECKED: \_\_\_\_\_

JOB No. (753.008)

**LEGEND**

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Subsurface Drain
- Existing Contour
- 000' Existing Elevation
- 000.00 New Pavement Elevations
- 000.00 All Other Finish Elevations
- Storm Structure Number
- Sanitary Structure Number
- Meet Existing Elevation
- Stop Sign
- etc Electric, Telephone, Cable TV

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.

**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

+ 908.18  
EXISTING LAKE #6  
NORMAL POOL ELEV=903.33  
100 YEAR ELEV=907.34

ASSUMED NORTH  
SCALE: 1"=30'

MATCH LINE  
SEE SHEET C104

**GENERAL NOTES**

1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
2. 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.
3. STANDARD SPECIFICATIONS FOR THE HAMILTON WESTERN, UTILITIES SHALL APPLY FOR ALL SANITARY TRENCHES.
4. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
5. 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.
6. SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4" IN WIDTH.
7. 4' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
8. 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. CONSTRUCTION JOINTS AND PERPENDICULAR SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONSTRUCTION JOINT EVERY 20' OR LESS.
9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
10. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
11. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.
12. ALL REAR YARD SUBSURFACE DRAINS ARE TO BE 6" MINIMUM, EXCEPT FOR INDIVIDUAL LOT CONNECTIONS WHICH ARE TO BE 4" MINIMUM.

- Revisions
1. PRC 04/21/00 REV. PARKING, MOVED GRADING & TEXT & ALSO ADDED STM RUN STR. 432 TO 435 & SWALE ALONG 156TH ST.
  2. TDK 05/16/00 REV. ENTRANCE TO FUTURE PARKING & ADDED SSD TO ALLEYS
  3. TDK 06/12/00 REV. ADDED ESMTS. ADDED RIP RAP TO STR 432 AND E200.

**CERTIFICATION FOR "RECORD DRAWING"**



DATE: 2/27/01  
CERTIFIED BY: *[Signature]*

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2000, The Schneider Corporation



3020 North Post Road  
Indianapolis, Indiana  
46226-6518  
317-898-8282  
317-898-8010 Fax

Engineering  
Surveying  
Landscape Architecture  
GIS / LIS  
Geology

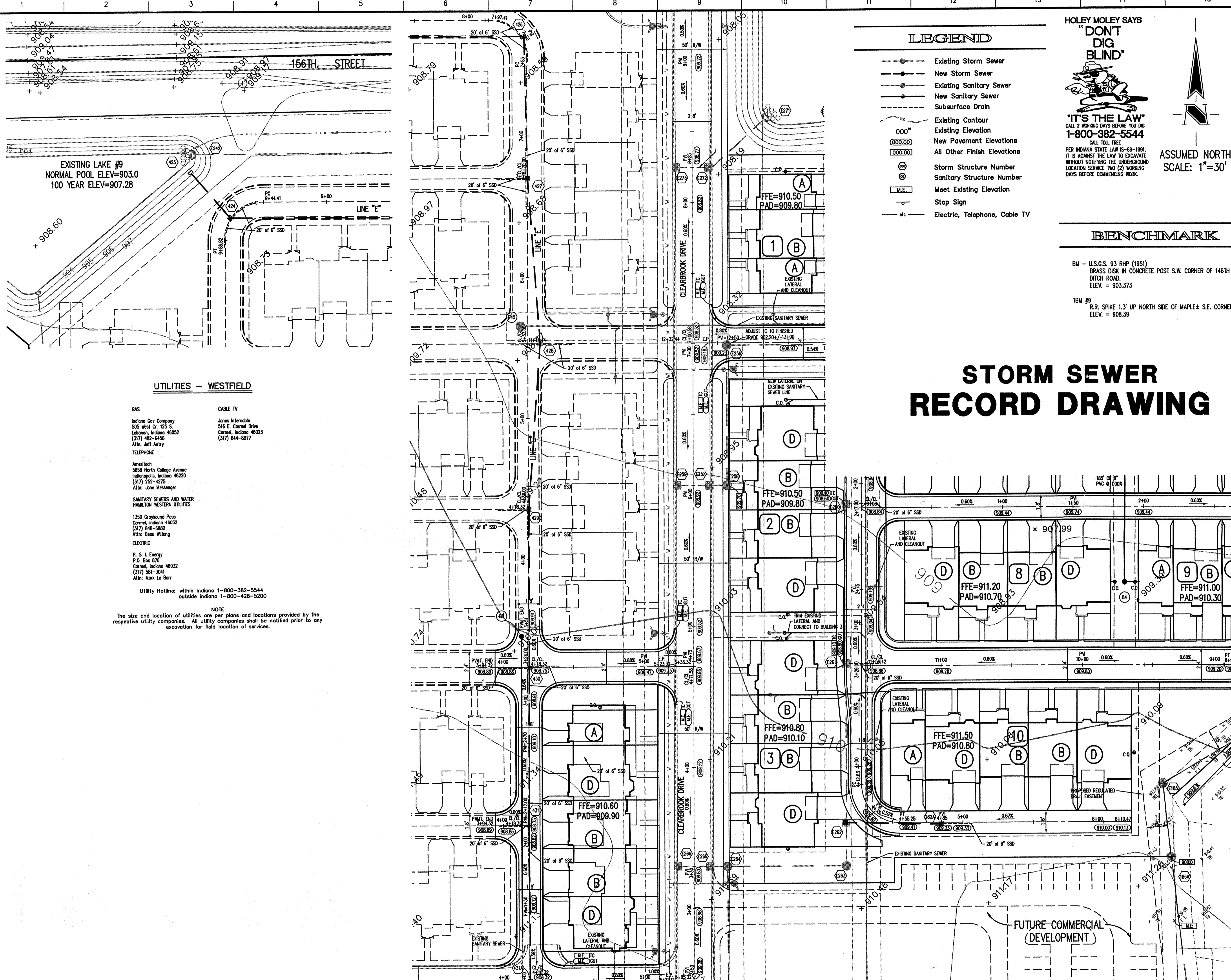
Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.  
ESTRIDGE DEVELOPMENT CO., INC.  
**CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE**  
WESTFIELD, INDIANA

**DEVELOPMENT PLAN**

Date	Project No.	Drawn	Office of	Approval	Surveyor
03/15/00	753.008	PRC			
Computer Files	Sheet No.				
\V\753\008\DWG\C103 XREF: 008B XREF: \V\009\DWG\009B XREF: \V\010\DWG\010B XREF: \V\001\DWG\010IS XREF: \V\001\DWG\753TOPO	C103				

**STORM SEWER RECORD DRAWING**

MATCH LINE  
SEE SHEET C104



# STORM SEWER RECORD DRAWING

- ### LEGEND
- Existing Storm Sewer
  - New Storm Sewer
  - Existing Sanitary Sewer
  - New Sanitary Sewer
  - Subsurface Drain
  - Existing Contour
  - Existing Elevation
  - New Pavement Elevations
  - All Other Finish Elevations
  - ⊙ Storm Structure Number
  - ⊙ Sanitary Structure Number
  - ⊙ Meet Existing Elevation
  - ⊙ Stop Sign
  - etc Electric, Telephone, Cable TV

**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-89-1991,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

**ASSUMED NORTH SCALE: 1"=30'**

**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

### UTILITIES - WESTFIELD

- GAS**
- Indiana Gas Company  
505 West Cr. 125 S  
Lafayette, Indiana 46032  
(317) 482-6456  
Attn: Jeff Aubry
- CABLE TV**
- Jones Intercable  
516 E. Carmel Drive  
Carmel, Indiana 46023  
(317) 844-8877
- TELEPHONE**
- Ameritech  
5658 North College Avenue  
Indianapolis, Indiana 46220  
(317) 252-4275  
Attn: Jane Messenger
- SANITARY SEWERS AND WATER**  
HAMILTON WESTERN UTILITIES
- 1350 Grayhound Pass  
Carmel, Indiana 46032  
(317) 846-6882  
Attn: Beau Wilong
- ELECTRIC**
- P. S. I. Energy  
P.O. Box 876  
Carmel, Indiana 46032  
(317) 381-3041  
Attn: Mark La Barr
- Utility Hotline: within Indiana 1-800-382-5544  
outside Indiana 1-800-428-5200

**NOTE**  
The size and location of utilities are per plans and locations provided by the respective utility companies. All utility companies shall be notified prior to any excavation for field location of services.

### GENERAL NOTES

1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
2. 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.
3. STANDARD SPECIFICATIONS FOR THE HAMILTON WESTERN UTILITIES SHALL APPLY FOR ALL SANITARY SEWERS.
4. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
5. 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.
6. SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4" IN WIDTH.
7. 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
8. 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.
9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
10. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
11. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.
12. ALL REAR YARD SUBSURFACE DRAINS ARE TO BE 6" MINIMUM, EXCEPT FOR INDIVIDUAL LOT CONNECTIONS WHICH ARE TO BE 4" MINIMUM.

- Revisions**
1. TDK 05/15/00 ADDED SSD TO STORM INLETS
  2. TDK 06/12/00 REVISED BLDG 10 AND ADJACENT STREET. ADDED ESMTS.

### CERTIFICATION FOR "RECORD DRAWING"

DATE: 2/24/01

CERTIFIED BY: *[Signature]*

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Indianapolis, Indiana 46228-6518  
317-898-8282  
317-898-8010 Fax

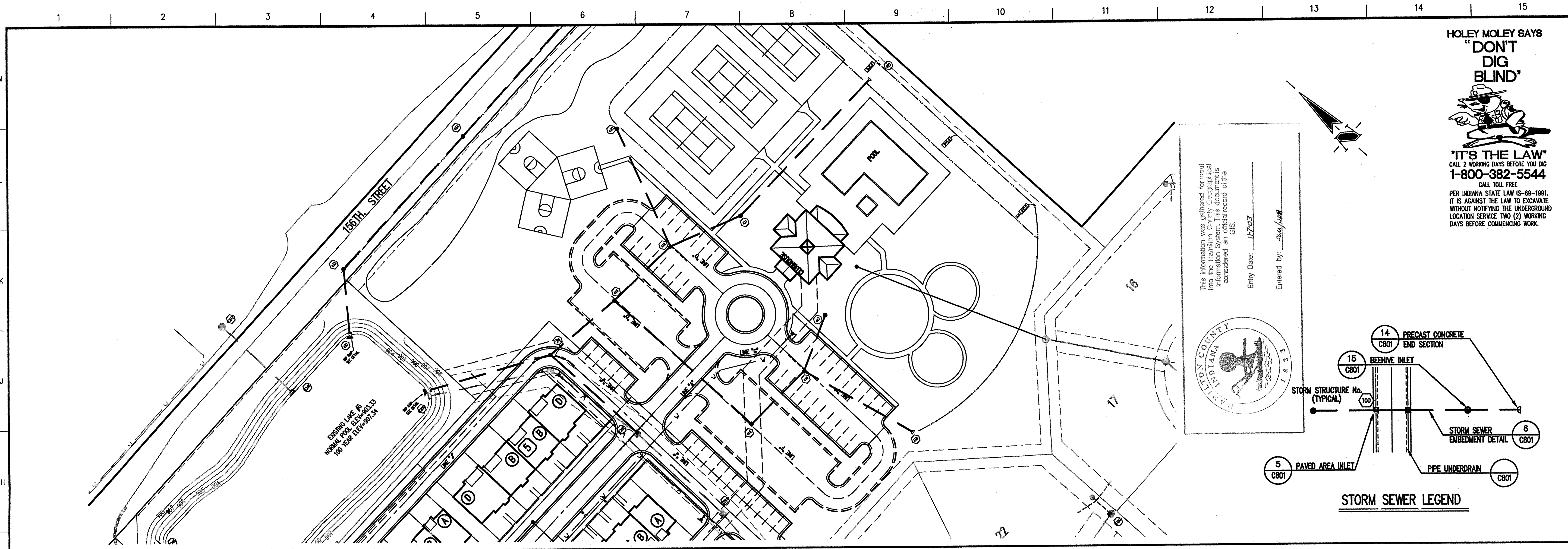
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ESTRIDGE DEVELOPMENT CO., INC.  
**CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE**  
WESTFIELD, INDIANA

**DEVELOPMENT PLAN** FILED

Date	Project No.	Drawn	Approved
03/15/00	753.008	PRC	[Signature]
Computer Files	Sheet No.		
J:\753\008\DWG\C104 XREF: 0085_007\DWG\00785 XREF: 1000\DWG\00805 XREF: 1010\DWG\10105 XREF: 1001\DWG\10015 XREF: 1001\DWG\531010	C104		



**HOLEY MOLEY SAYS**  
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"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.

**GENERAL NOTES**

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**BENCHMARK**

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ELEV. = 903.373  
TBM #9  
R.R. SPIKE 1.3' UP NORTH SIDE OF MAPLE± S.E. CORNER SITE.  
ELEV. = 908.39

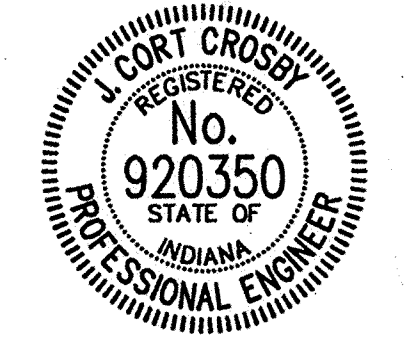
Revisions  
1. 10K 08/12/00 ADDED WATER CROSSING, ADDED DEBRIS GUARD TO STR 200 AND 418.  
2. 10K 02/22/01 STORM SEWER RECORD DRAWING.

**STORM SEWER PLAN**

SCALE: 1"=50'

**CERTIFICATION FOR "RECORD DRAWING"**

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



DATE: 2/22/01  
CERTIFIED BY: [Signature]  
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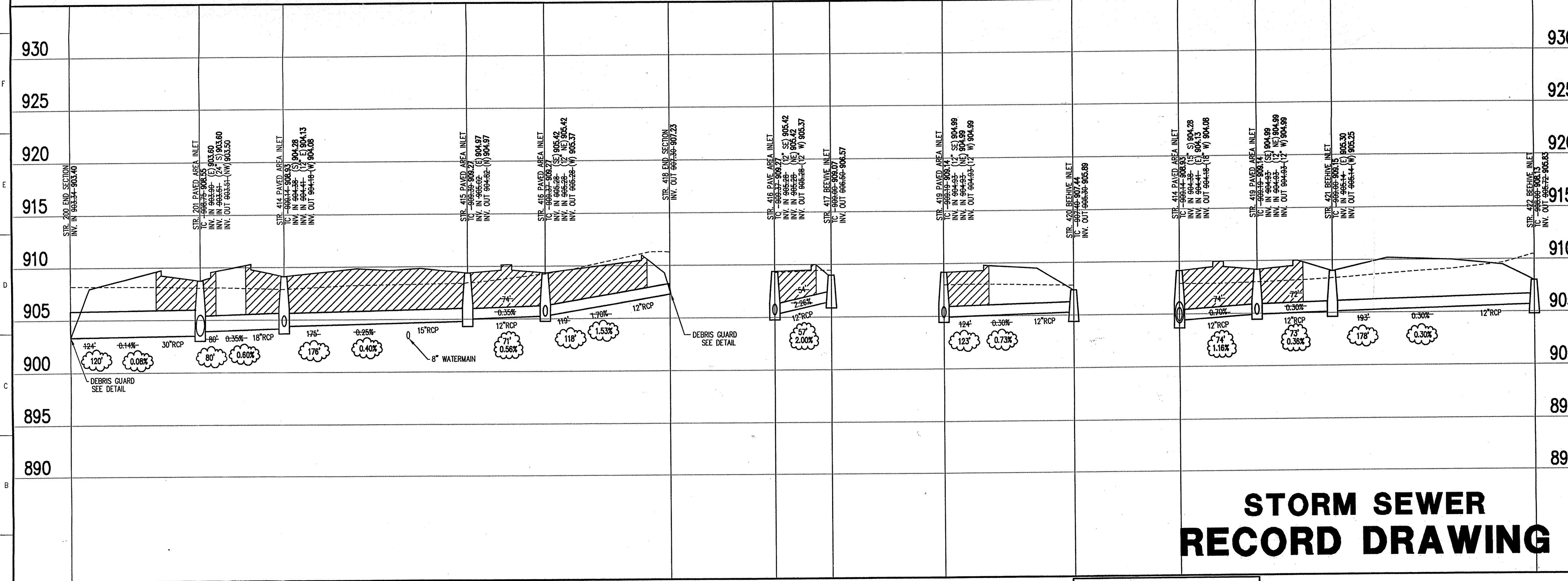
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**CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE**  
WESTFIELD, INDIANA

**STORM SEWER PLAN**  
FEB 26 2001

Date 03/15/00	Project No. 753.008	Drawn DRP	Approved
Computer Files J:\753\008\DWG\CS601 XREF: J:\753\008\DWG\STORM XREF: J:\753\008\DWG\008S XREF: J:\753\001\DWG\008S XREF: J:\753\009\DWG\008S			Sheet No. <b>C601</b>



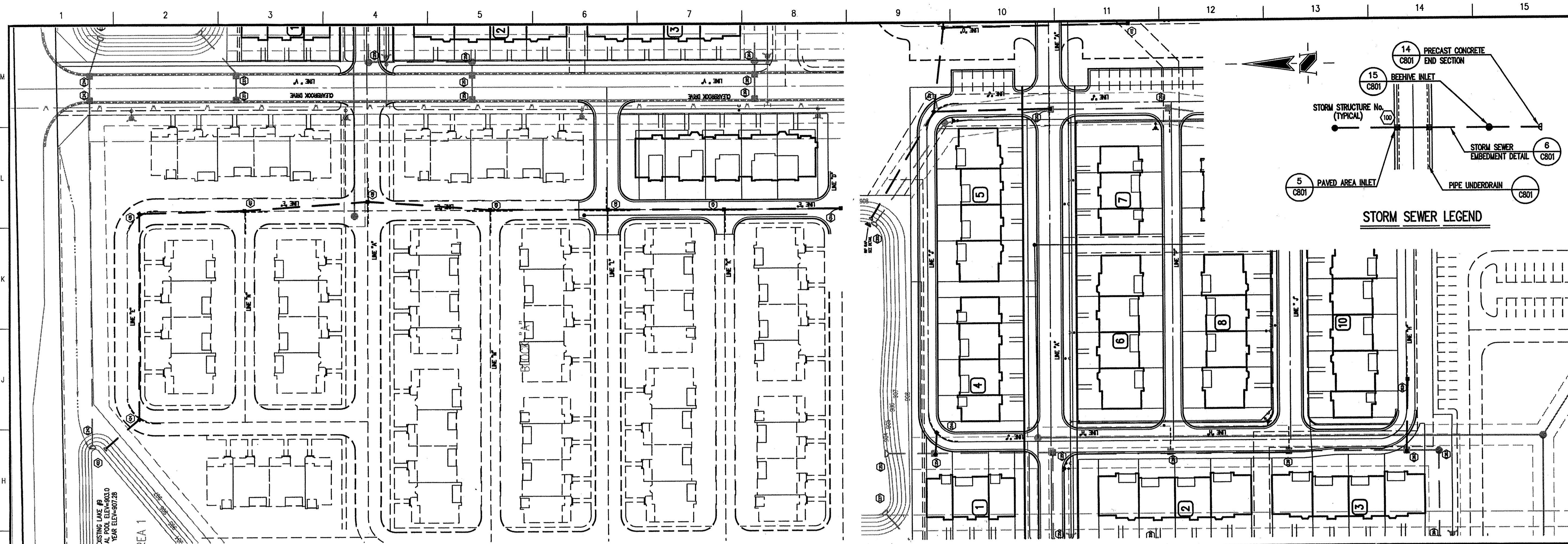
**STORM SEWER RECORD DRAWING**

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

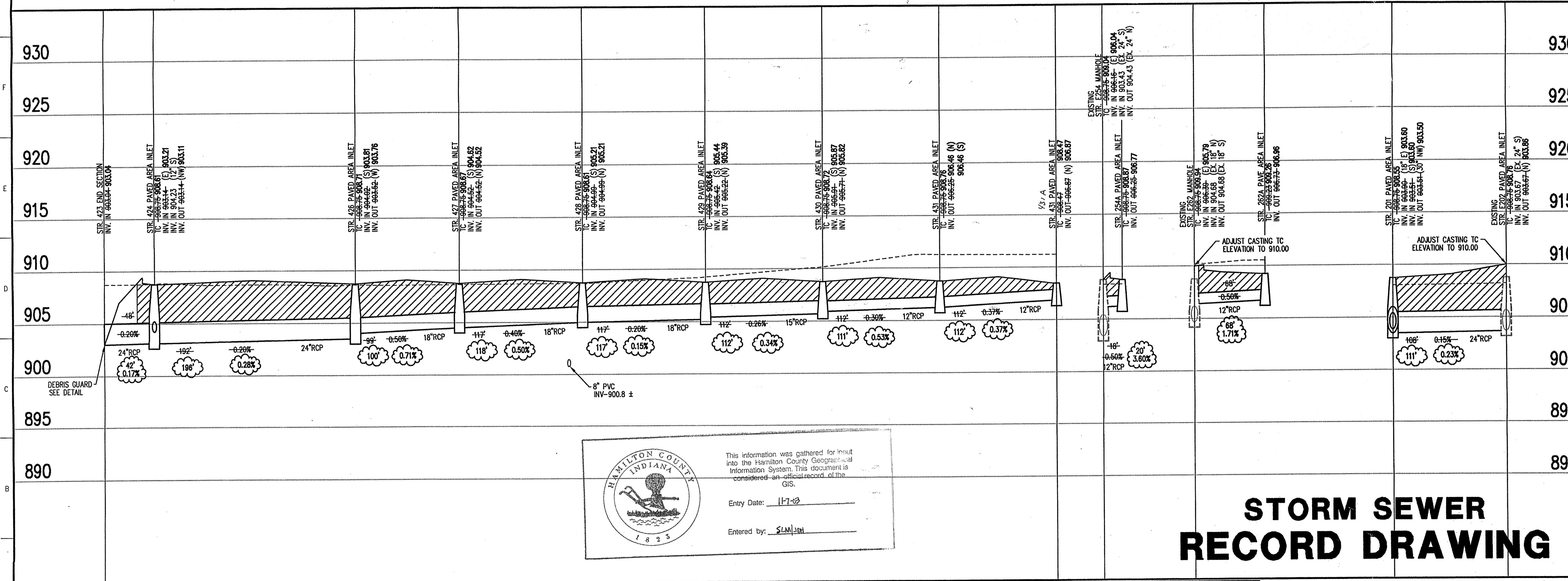
SCALE: HORZ.: 1"=50'  
VERT.: 1"=5'





STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

STORM SEWER RECORD DRAWING

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

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

Revisions  
1. 10K 6/12/00 ADDED SANITARY CROSSING. ADDED DEBRIS GUARD TO STR 423  
2. 10K 02/22/01 STORM SEWER RECORD DRAWING.

CERTIFICATION FOR "RECORD DRAWING"

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



DATE: 2/22/01  
CERTIFIED BY: [Signature]

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WESTFIELD, INDIANA

STORM SEWER PLAN ED

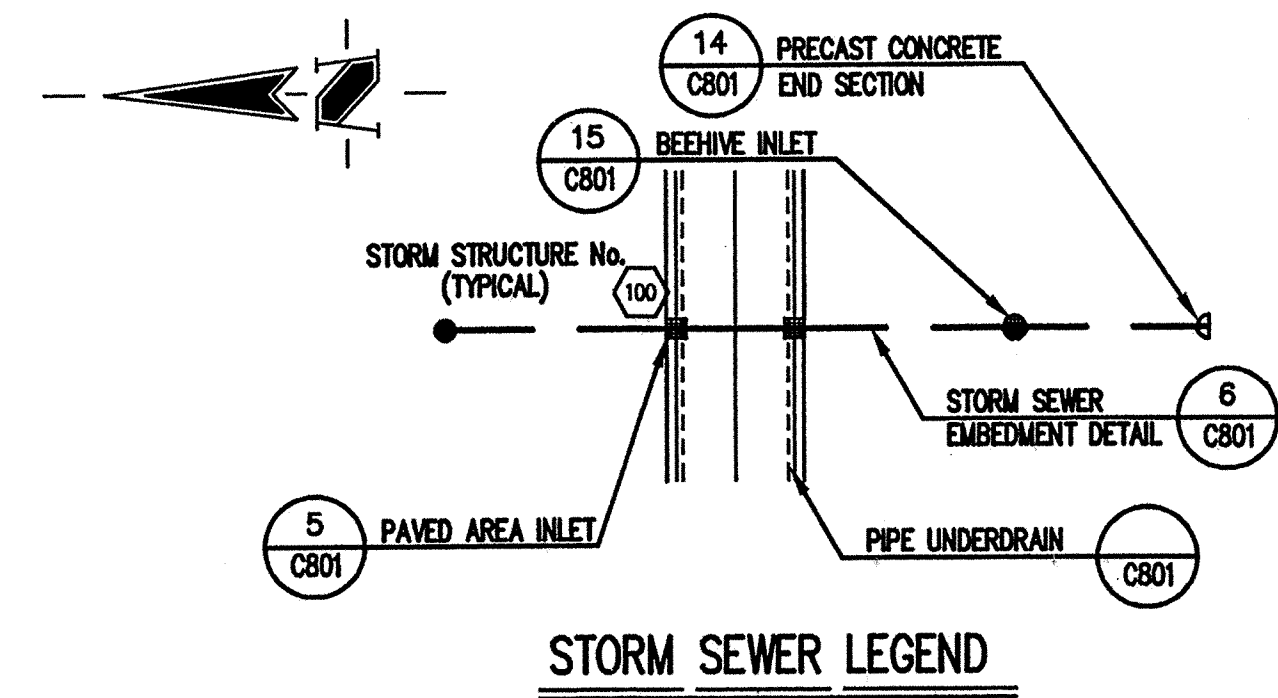
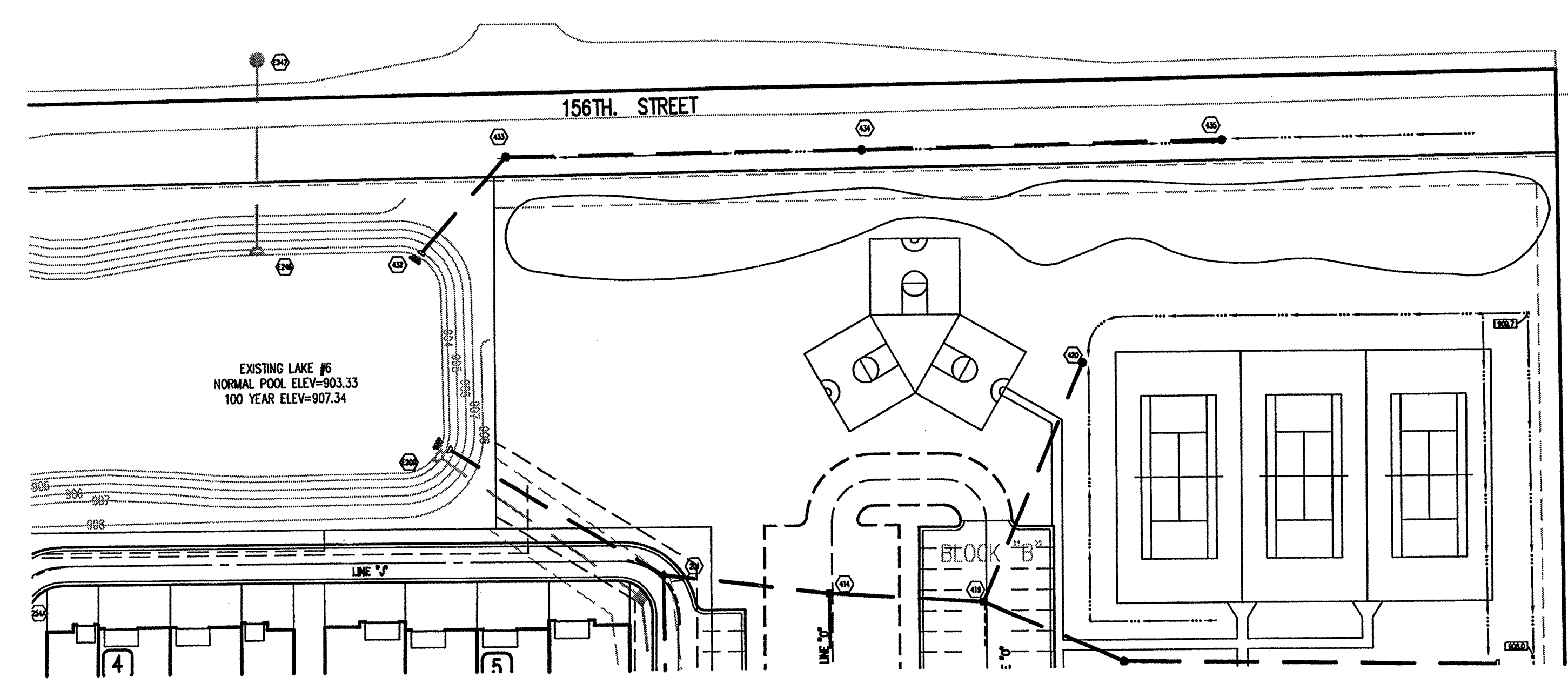
Date 03/15/00	Project No. 753.008	Drawn DRP	Approved [Signature]
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Entry Date: 11-7-98  
Entered by: SLM/ahm

LEGEND

	Existing Grade
	New Grade
	Granular Backfill



**GENERAL NOTES**

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
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TBM #9  
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ELEV. = 908.39

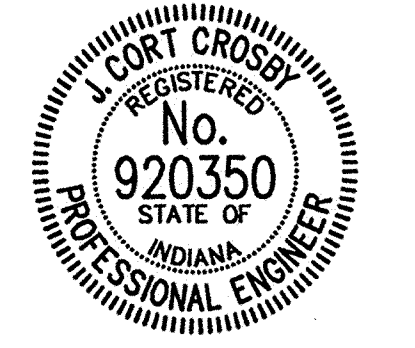
- Revisions
1. TDK 6/12/00 ADDED DEBRIS GUARD TO STR 432
  2. PRC 02/22/01 STORM SEWER RECORD DRAWING.

**STORM SEWER PLAN**

SCALE: 1"=50'

**CERTIFICATION FOR "RECORD DRAWING"**

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DATE: 2/22/01

CERTIFIED BY: *[Signature]*

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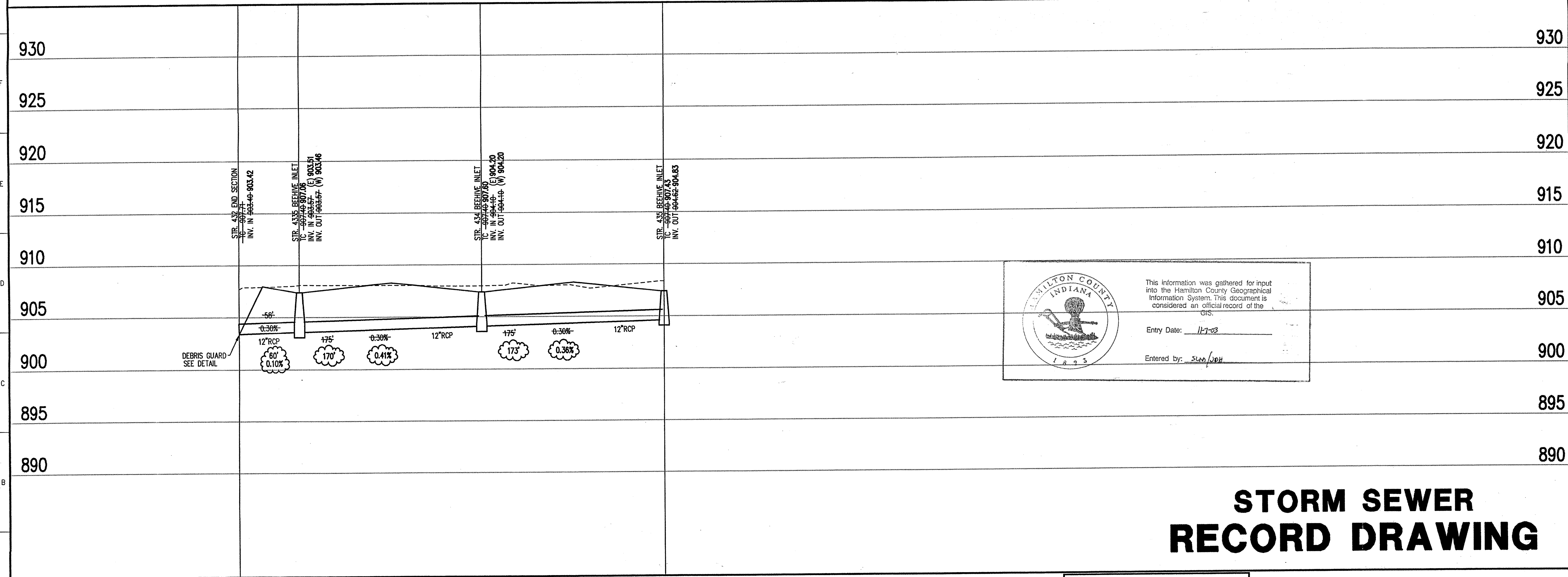
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ESTRIDGE DEVELOPMENT CO., INC.  
CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE  
WESTFIELD, INDIANA

**STORM SEWER PLAN**  
FEB 26 2001

Date	Project No.	Drawn	Approved
03/15/00	753.008	DRP	DRP

Computer Files	Sheet No.
\753\008\DWGS\C603 XREF: \753\008\DWGS\STORM XREF: \753\008\DWGS\008B5 XREF: \753\001\DWGS\001S XREF: \753\008\DWGS\008B5	C603



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Entry Date: 1/7-03

Entered by: SLN/DPH

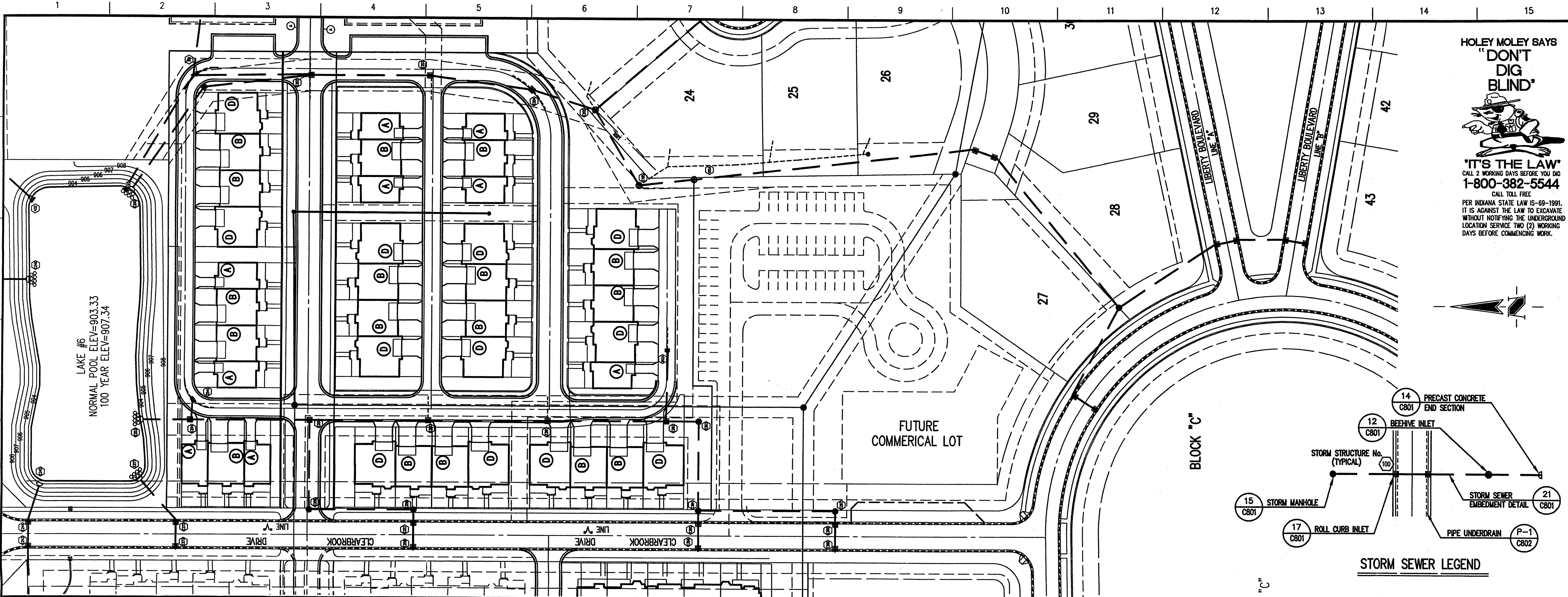
**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

	Existing Grade
	New Grade
	Granular Backfill

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



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

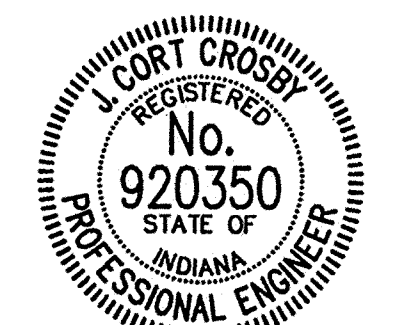
Revisions  
1. PRC 02/22/01 STORM SEWER RECORD DRAWING.

**STORM SEWER PLAN**

SCALE: 1"=50'

**CERTIFICATION FOR "RECORD DRAWING"**

NOTE:  
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DATE: 2/22/01  
CERTIFIED BY: *[Signature]*

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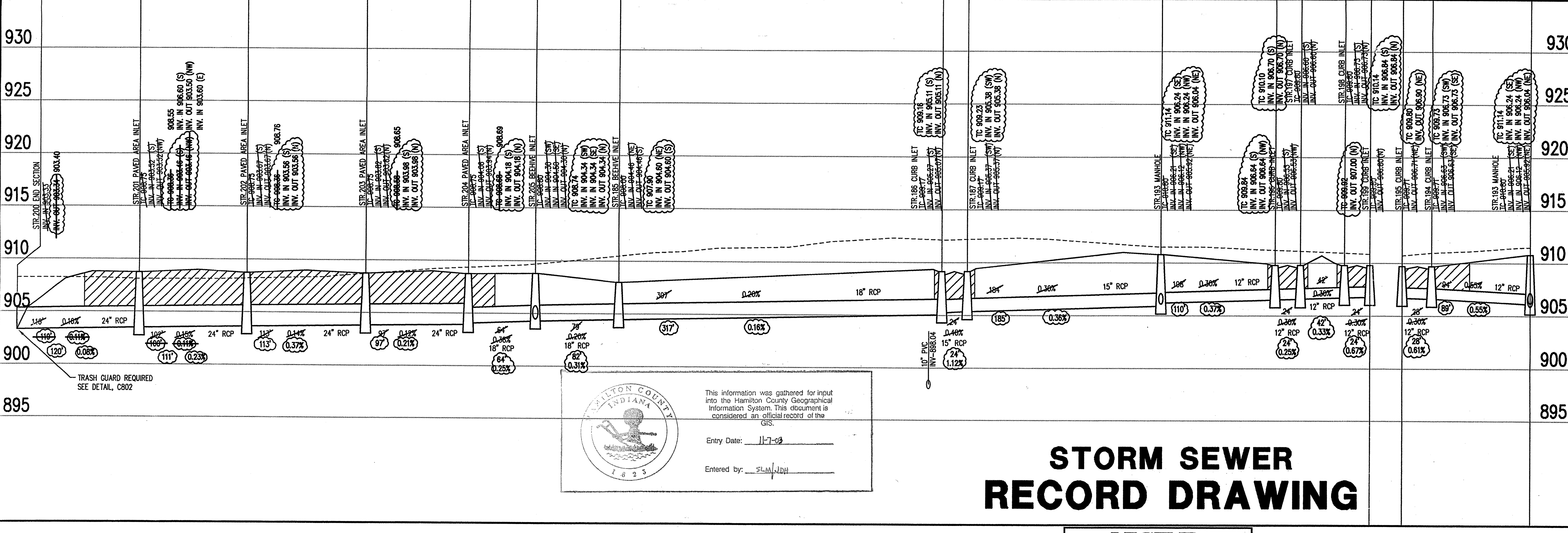
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**CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE**  
WESTFIELD, INDIANA

**STORM SEWER-PLAN E D**

Date 03/15/00	Project No. 753.008	Drawn OFF: DRP	Approved DRP
Computer Files 4:\753\001\DWG\CS10 XREF: 001BS XREF: STORM	Sheet No. <b>C610</b>		



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Entry Date: 11-7-02

Entered by: SLM/JDH

**STORM SEWER RECORD DRAWING**

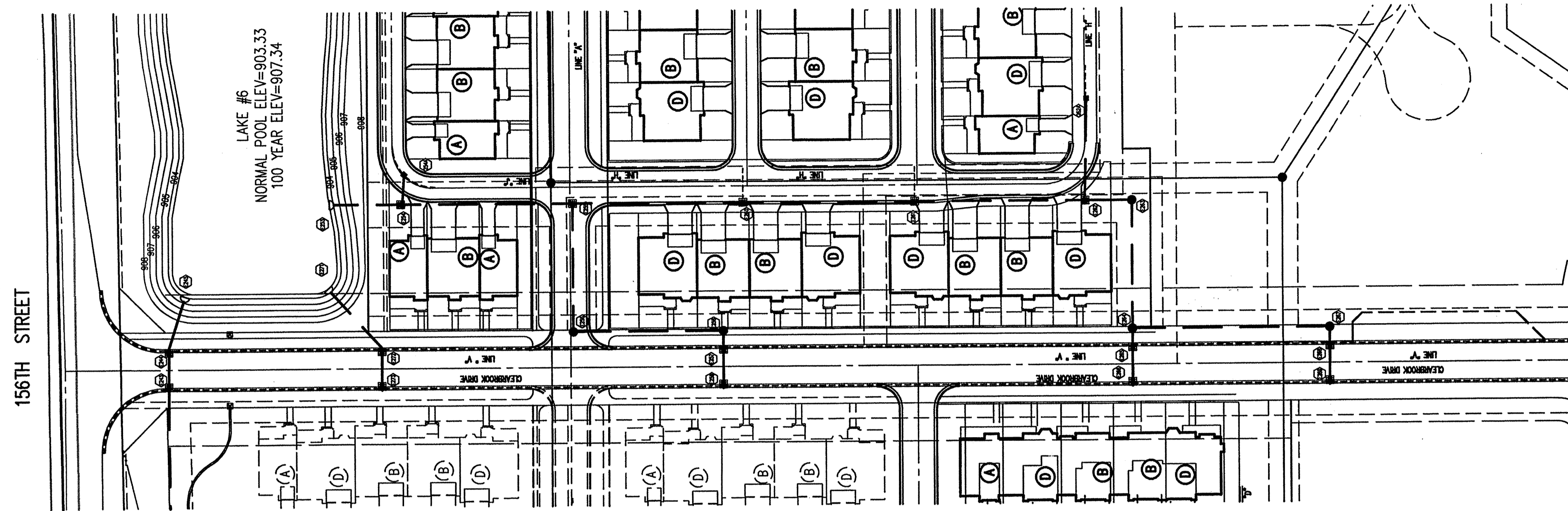
**LEGEND**

- Existing Grade
- New Grade
- Granular Backfill

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

**STORM SEWER PROFILE**

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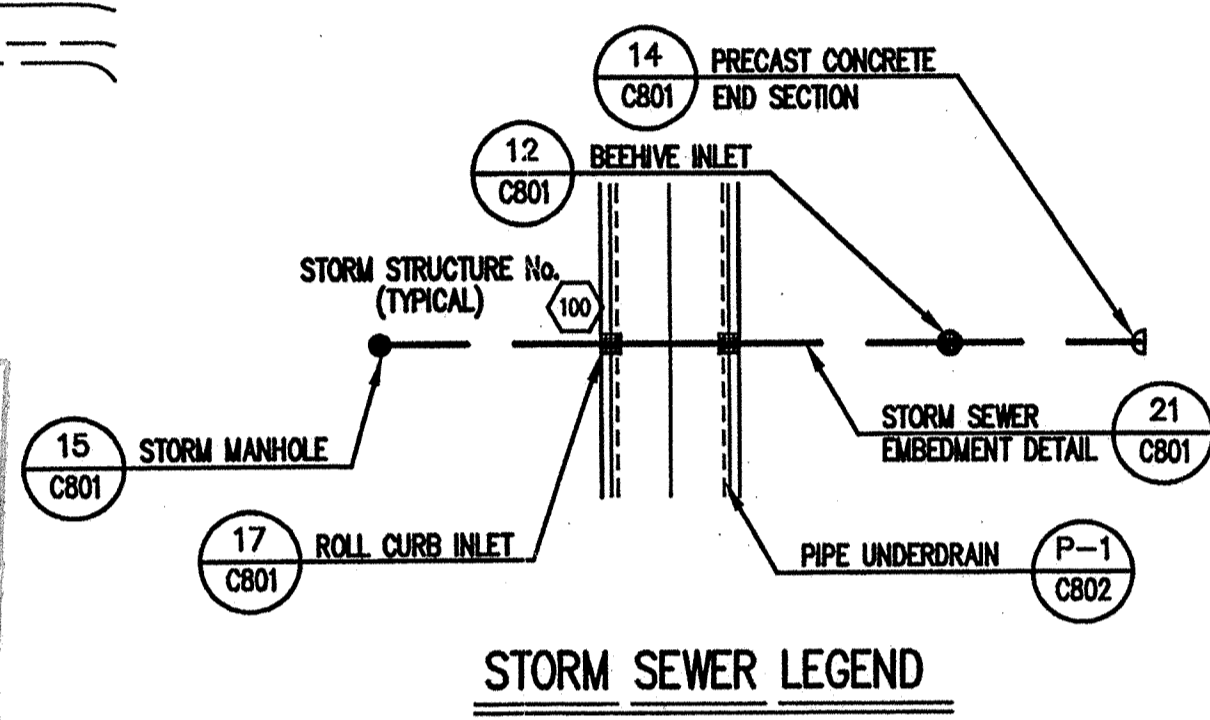


HAMILTON COUNTY  
INDIANA  
1823

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Entry Date: 11-7-03

Entered by: SLM/10H



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LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

**BENCHMARK**

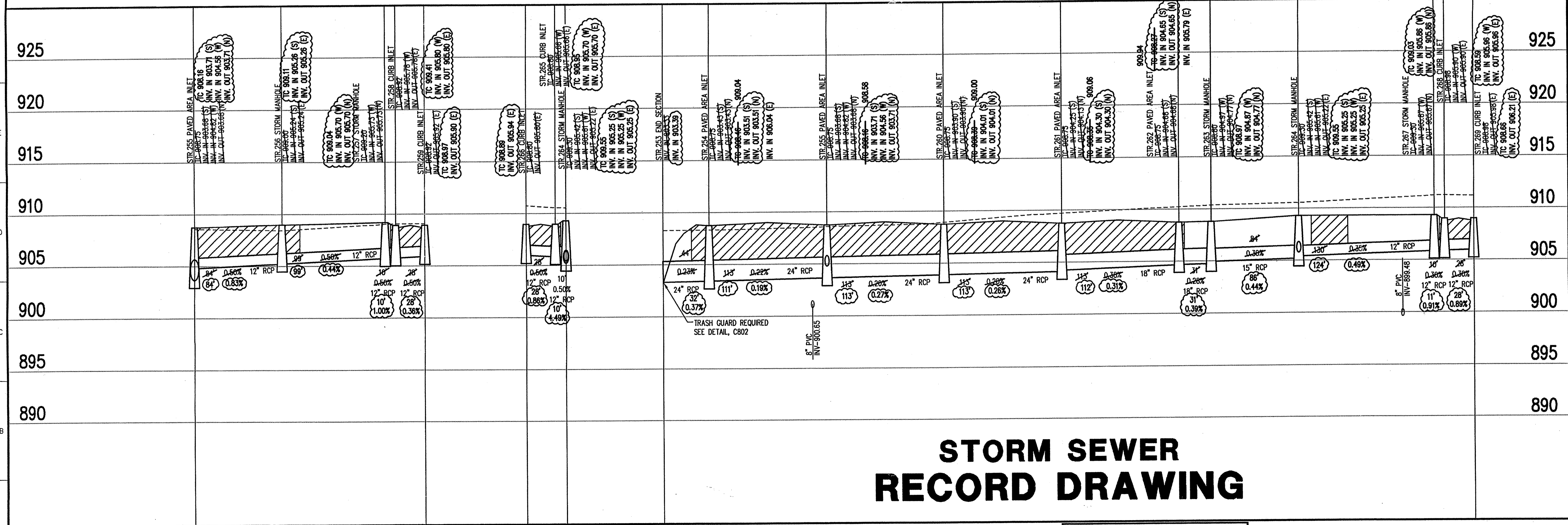
BM - U.S.G.S. 93 RHP (1951)  
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DITCH ROAD.  
ELEV. = 903.373

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

Revisions  
1. PRC 02/22/01 STORM SEWER RECORD DRAWING.

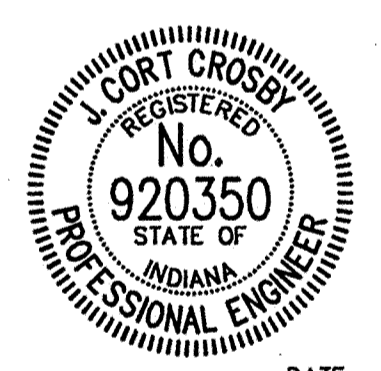
**STORM SEWER PLAN**

SCALE: 1"=50'



**CERTIFICATION FOR "RECORD DRAWING"**

NOTE:  
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DATE: 2/22/01

CERTIFIED BY: *[Signature]*

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CENTENNIAL TOWNHOUSES PHASE 1 & CLUBHOUSE  
WESTFIELD, INDIANA

STORM SEWER PLAN  
FEB 26 2001

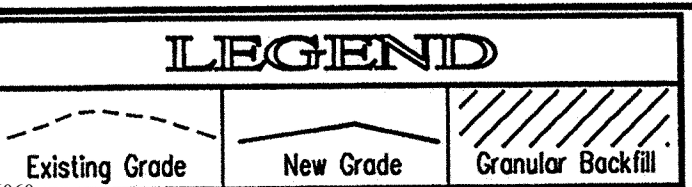
Date	Project No.	Drawn	Approved
03/15/00	753.008	DMW	

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XREF: 00185  
XREF: STORM  
XREF: R:\753\008\DWG\02285  
XREF: R:\753\008\DWG\0685

Sheet No.  
**C613**

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**



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