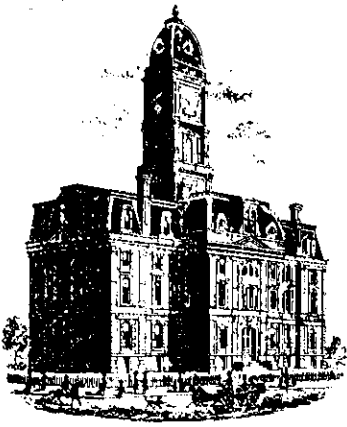


**Drain:** ALBERT SHAW      **Drain #:** 70  
**Improvement/Arm:** CLAYBOURNE SECTION 2 ARM  
**Operator:** J. LIVINGSTON      **Date:** 6-10-04  
**Drain Classification:** Urban/Rural      **Year Installed:** 2003

### GIS Drain Input Checklist

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



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 18, 2003

To: Hamilton County Drainage Board

Re: Albert Shaw Drain, Claybourne Section 2 Arm.

Attached is a petition filed by Boomerang Development, LLC, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Claybourne Section 2 Arm, Albert Shaw Drain to be located in Clay 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:

|         |           |         |         |
|---------|-----------|---------|---------|
| 6" SSD  | 4,484 ft. | 15" RCP | 577 ft. |
| 12" RCP | 486 ft.   | 18" RCP | 171 ft. |

The total length of the drain will be 5,718 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines which are located within the right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

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 \$10.00 per acre for common areas, \$45.00 per platted lot, \$10.00 per acre for roadways, with a \$45.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 1,188.50.

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 are as follows:

Agent: Lexon Insurance Co.  
Date: August 15, 2003  
Number: 1000653  
For: Erosion Control  
Amount: \$45,580.00

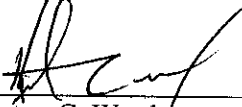
Agent: Lexon Insurance Co.  
Date: August 15, 2003  
Number: 1000652  
For: Storm Sewer & Subsurface Drain  
Amount: \$332,612.00

Parcels assessed for this drain may be assessed for the Boone 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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Claybourne, Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 26, 2004.

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

KCW/pll

**Albert Shaw Drain – Claybourne Section 2**

Bonds: B21856970 = \$332,612.00

B21856968 = \$ 45,580.00 (Claybourne Section 2 Arm ONLY)

Total (to be split) \$332,612.00

**Total bond amount split 4 ways:**

Claybourne Section 2 Arm 5,718'

Claybourne Section 2 Relocation 868'

Total Footage 6,586'

Claybourne Section 2 Arm:

$5718 / 6586 = 0.8682 = 86.8\%$

Claybourne Section 2 Relocation:

$868 / 6586 = 0.1318 = 13.2\%$

$86.8 + 13.2 = 100$

**Cost Per Improvement:**

Claybourne Section 2 Arm:

$332612 * 86.8\% = \$288,707.21 (+ \$45,580.00) = \$334,287.21$

Claybourne Section 2 Relocation:

$332612 * 13.2\% = \$43,904.79$

$288,707.21 + 43,904.79 = \$332,612.00$

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR  
RE: *Claybourne Sec. 2*

I hereby certify that:

1. I am a Register 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, and
4. To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

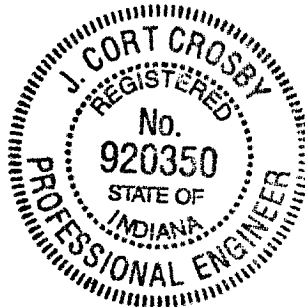
Type or print name: J. Cort Crosby P.E.

Business /Address: The Schneider Corporation

8901 OTIS AVENUE, INDIANAPOLIS, IN 46216

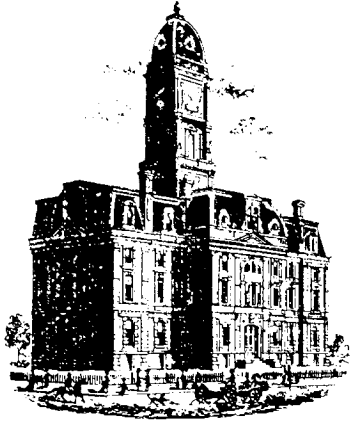
Telephone: (317) 826-7306

SEAL



INDIANA REGISTRATION NUMBER

PE 920350



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**

**August 16, 2006**

**Re: Albert Shaw Drain: Claybourne Section 2 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Claybourne Section 2 Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated December 18, 2003. The report was approved by the Board at the hearing held January 26, 2004. (See Drainage Board Minutes Book 7, Page 321-322) The changes are as follows:

| Structure: | Length: | Size: | Material: | Up Invert: | Dn Invert | Grade: | Changes (ft): |
|------------|---------|-------|-----------|------------|-----------|--------|---------------|
| 219-218    | 30      | 12    | RCP       | 908.87     | 909.68    | 0.63   |               |
| 218-217    | 95      | 15    | RCP       | 909.58     | 909.11    | 0.49   | 4             |
| 209-208    | 190     | 12    | RCP       | 912.43     | 911.54    | 0.47   | -5            |
| 208-207    | 42      | 12    | RCP       | 911.54     | 911.39    | 0.36   | -3            |
| 205-202    | 170     | 18    | RCP       | 910.5      | 910.11    | 0.23   | -1            |
| 213-212    | 30      | 12    | RCP       | 910.07     | 909.74    | 1.07   |               |
| 214-213    | 155     | 12    | RCP       | 910.87     | 910.07    | 0.52   | -1            |
| 207-206    | 30      | 12    | RCP       | 911.39     | 911.22    | 0.57   |               |
| 225-223    | 185     | 15    | RCP       | 910.6      | 909.87    | 0.39   |               |
| 206-205    | 153     | 15    | RCP       | 911.22     | 910.6     | 0.41   | 2             |
| 212-211    | 151     | 15    | RCP       | 909.74     | 908.76    | 0.65   | 1             |

**6" SSD Streets:**

|                 |             |
|-----------------|-------------|
| Carver Ct       | 616         |
| Amundson Dr.    | 1031.5      |
| Kegler Way      | 524         |
| <b>Totalx2:</b> | <b>4343</b> |

**RCP Pipe Totals:**

|               |             |
|---------------|-------------|
| 12            | 477         |
| 15            | 584         |
| 18            | 170         |
| <b>Total:</b> | <b>1231</b> |

The length of the drain due to the changes described above is now **5,574 feet**.

The non-enforcement was approved by the Board at its meeting January 26, 2004 on and recorded under instrument #200400007708.

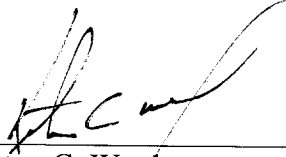
The following sureties were guaranteed by Lexon Insurance Co. and released by the Board on its August 14, 2006 Meeting.

**Bond-LC No:** 1000652  
**Insured For:** Storm Sewers  
**Amount:** \$332,612.00  
**Issue Date:** August 15, 2003

**Bond-LC No:** 1000653  
**Insured For:** Erosion Control  
**Amount:** 45580  
**Issue Date:** August 15, 2003

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

Sincerely,



---

Kenton C. Ward,  
Hamilton County Surveyor

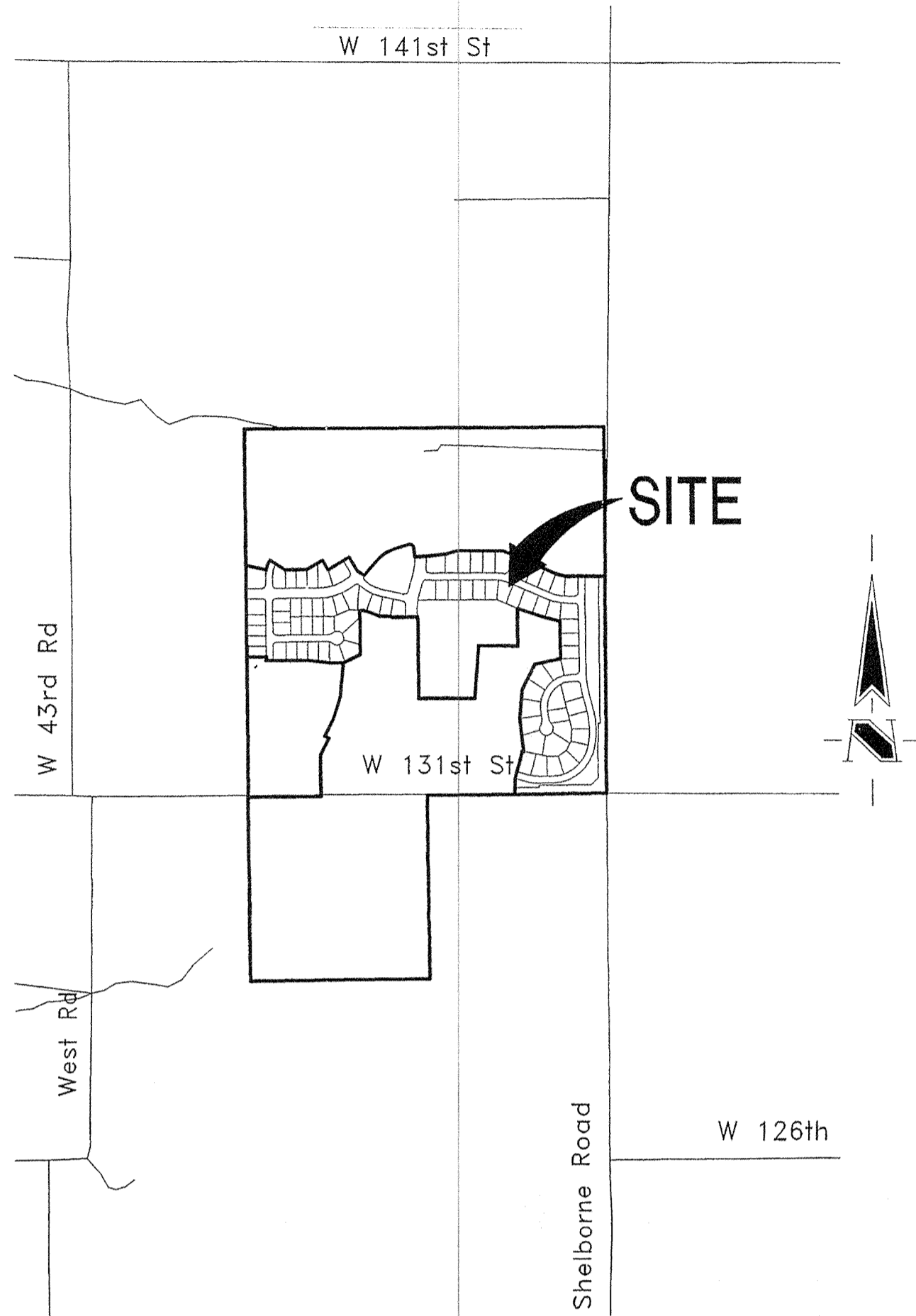
KCW/slm

# CLAYBOURNE SECTION 2

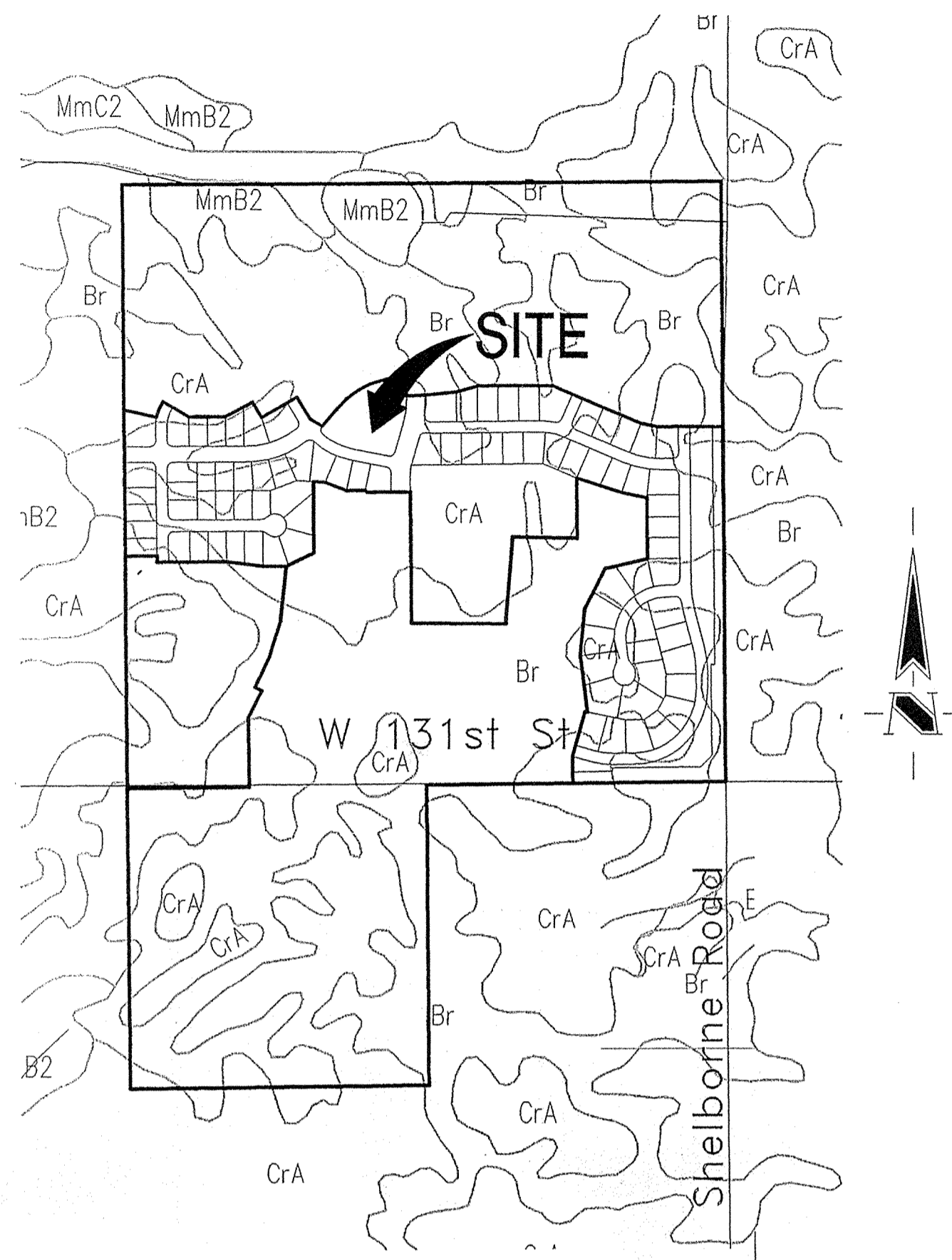
(RESIDENTIAL SUBDIVISION)

## HAMILTON COUNTY CARMEL, INDIANA

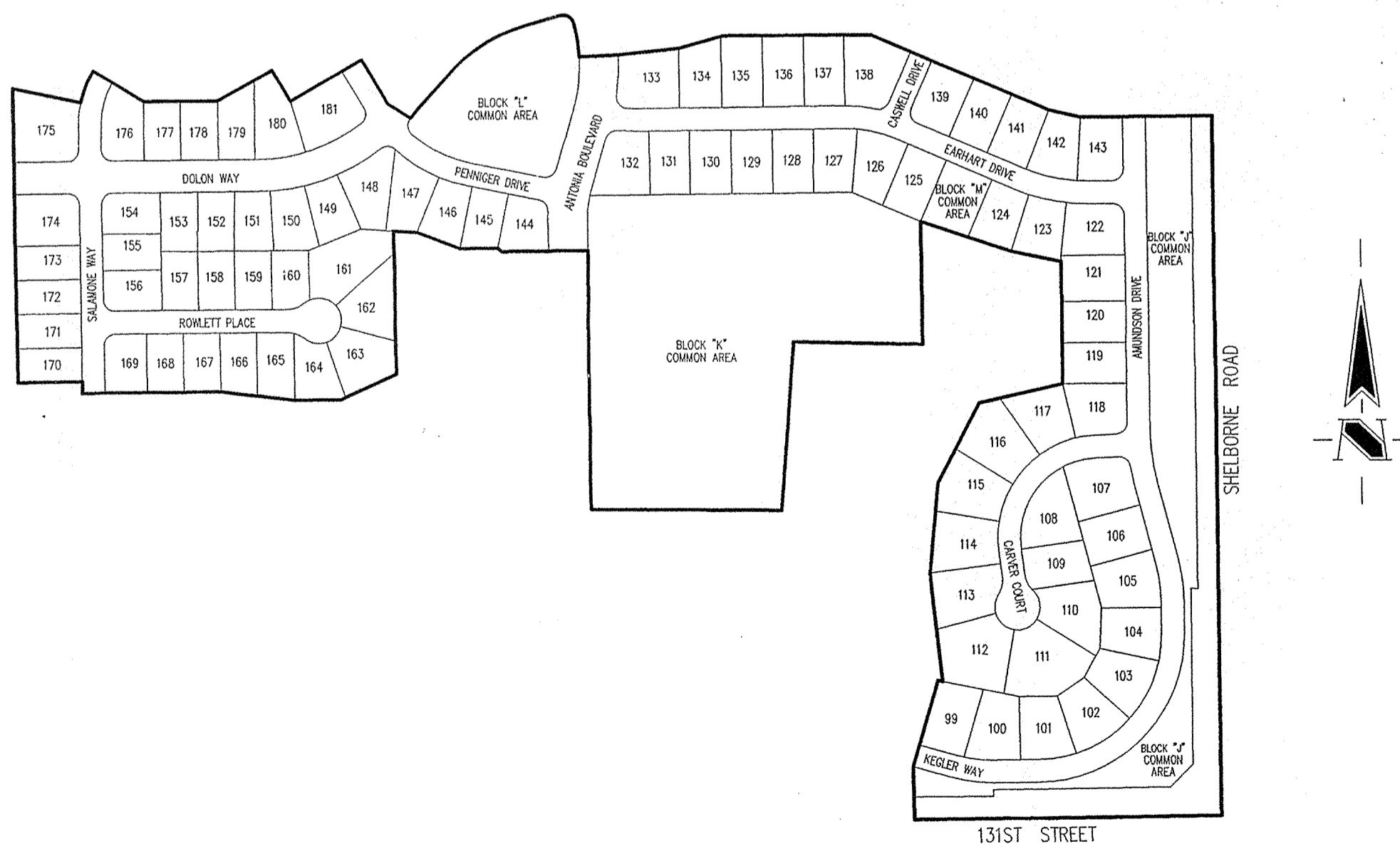
**DEVELOPER:**  
**BOOMERANG DEVELOPMENT, LLC**  
11911 LAKESIDE DRIVE  
FISHERS, INDIANA 46038  
13171 849-7607



**AREA MAP**  
SCALE: 1"=1000'

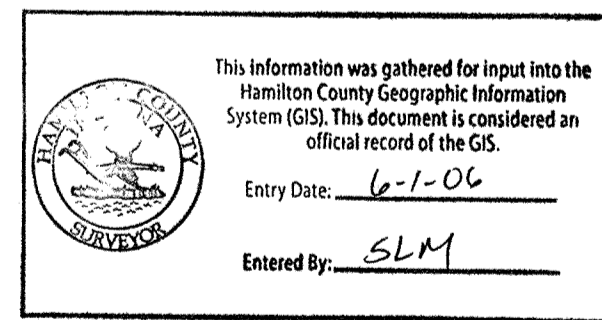


**SOILS MAP**  
SCALE: 1"=600'



**SITE MAP**  
SCALE: 1"=300'

| INDEX      |                                   |
|------------|-----------------------------------|
| SHEET No.  | DESCRIPTION                       |
| C100       | COVER SHEET                       |
| C101-C104  | DEVELOPMENT PLAN                  |
| C105-C108  | EROSION CONTROL PLAN              |
| C109       | EROSION CONTROL DETAILS           |
| C201-C206  | STREET PLANS                      |
| C301, C302 | CUL-DE-SAC & INTERSECTION DETAILS |
| C303       | TRAFFIC CONTROL PLAN              |
| C304, C305 | PERIMETER ROAD IMPROVEMENTS PLAN  |
| C401-C405  | SANITARY SEWER PLAN               |
| C601-C606  | STORM SEWER PLAN                  |
| C701-C703  | WATER DISTRIBUTION PLAN           |
| C704       | WATER DISTRIBUTION DETAILS        |
| C801-C804  | GENERAL DETAILS                   |
| C901       | SPECIFICATIONS                    |
| L101-L103  | LANDSCAPING PLAN                  |



**25 MPH DESIGN SPEED**

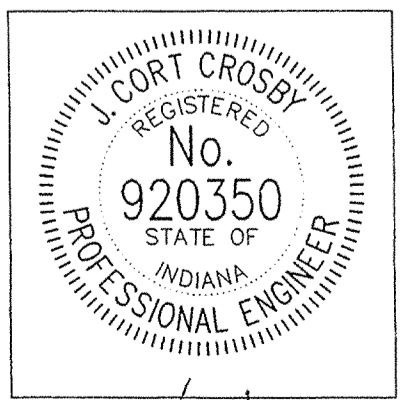
| DATE:    | BY: | DESCRIPTION:                                                             |
|----------|-----|--------------------------------------------------------------------------|
| 08/05/03 | DRP | C100, C106, C107, C108 & C109.                                           |
| 08/19/03 | PRC | ALL SHEETS EXCEPT C109, C704, C802, C804 & ADDED NEW SHEETS C304 & C305. |
| 09/02/03 | PRC | C100, C304, C305, C704 & C801.                                           |
|          |     |                                                                          |
|          |     |                                                                          |
|          |     |                                                                          |

PROJECT ENGINEER: JCC  
CHECKED BY: JCC DATE CHECKED: 06/04/03



Historic Fort Harrison Architecture  
8901 Otis Avenue Civil Engineering  
Indianapolis, Indiana Environmental Engineering  
46216-1037 Geotechnical Services  
317-826-7100 GIS \* IIS  
317-826-7200 Fax Home Builder Services  
www.schneidercorp.com Interior Design  
Land Surveying  
Landscape Architecture  
Transportation Engineering

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



DATE: 4/23/04

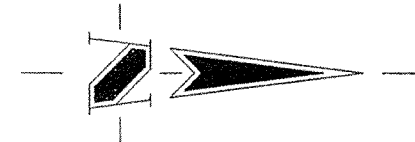
**RECORD DRAWING**

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060



**BENCHMARK**

A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBORNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY.  
ELEVATION 917.89 (NGVD 1929)



HOLEY MOLEY SAYS

"DON'T DIG BLIND"



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

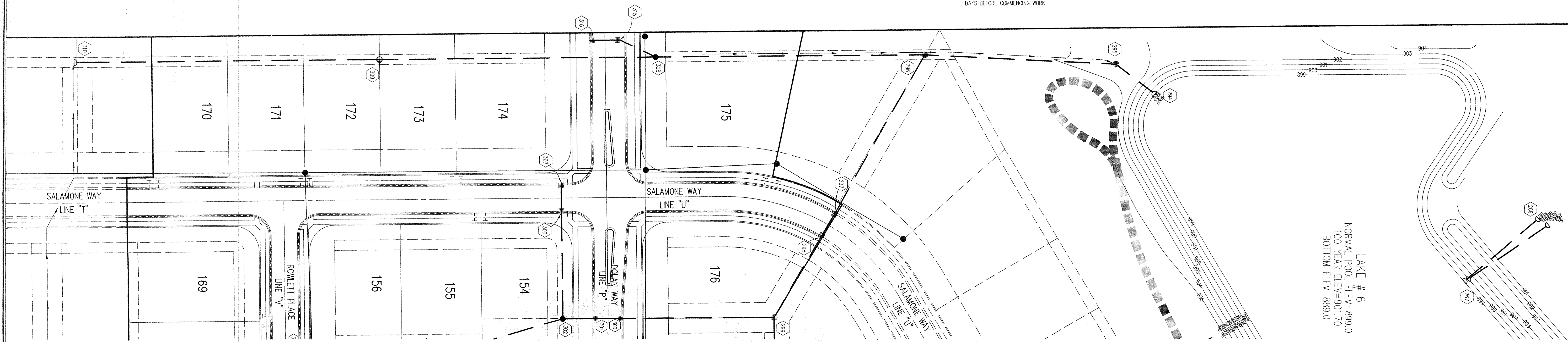
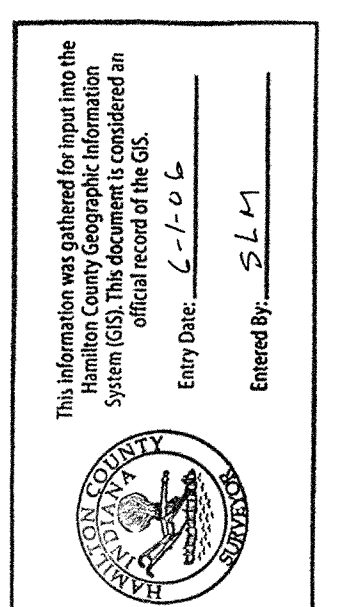
CALL TOLL FREE  
PER INDIANA STATE LAW IS-69-1991,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

| Sheet | Detail Number | Description                                     |
|-------|---------------|-------------------------------------------------|
| C804  | 4             | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| C804  | 1             | Roll Curb Inlet Detail                          |
| C804  | 2             | Beehive Inlet Detail                            |
| C804  | 3             | Storm Manhole Detail                            |
| C804  | 6             | Precast Concrete End Section                    |
| C804  | 94-10         | RipRap Detail @ End Section                     |

**GENERAL NOTES**

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

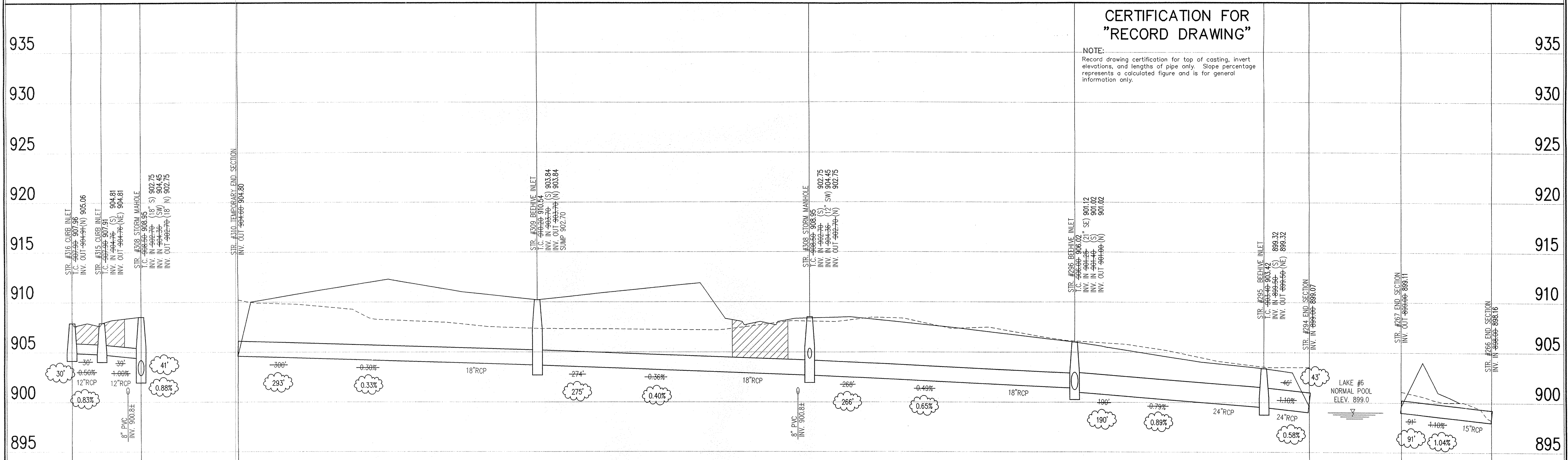
REVISIONS:  
LDIP 08/19/03 REMOVE STORM SEWER



LAKE # 6  
NORMAL POOL ELEV.=899.0  
100 YEAR ELEV.=901.70  
BOTTOM ELEV.=889.0

**STORM SEWER PLAN**

SCALE: 1"=50'



**CERTIFICATION FOR "RECORD DRAWING"**

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

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

| LEGEND |                   |
|--------|-------------------|
|        | Existing Grade    |
|        | New Grade         |
|        | Granular Backfill |

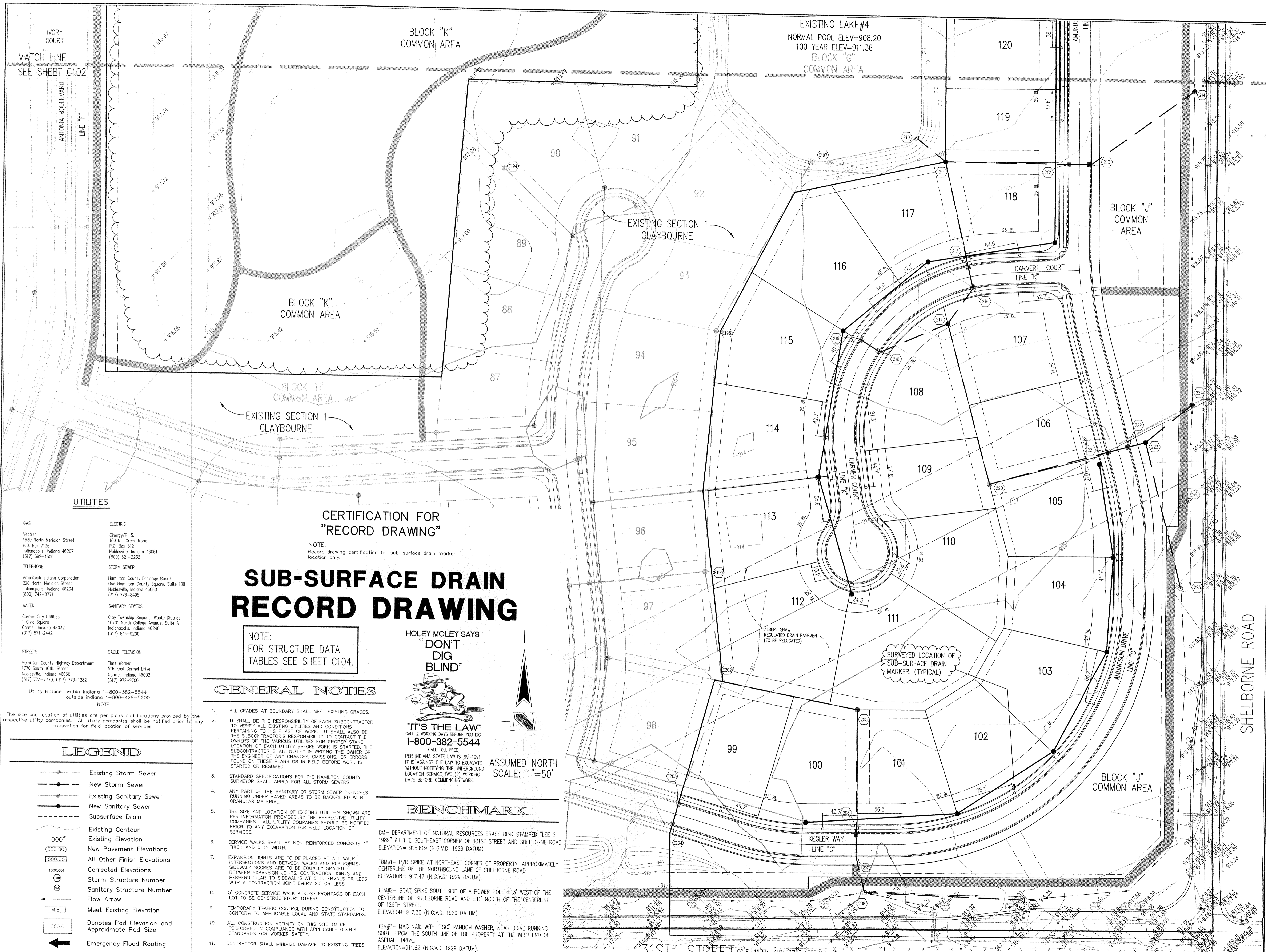
SCALE: HORZ.: 1"=50'  
VERT.: 1"=5'

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA  
**BOOMERANG DEVELOPMENT, LLC**  
FISHERS, INDIANA

|                                                                                                                                                        |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| DATE: 06/04/03                                                                                                                                         | PROJECT NO.: 3690.002 |
| DRAWN BY: DRP                                                                                                                                          | CHECKED BY: JCC       |
| SHEET TITLE: STORM SEWER PLAN                                                                                                                          |                       |
| DRAWING FILES:<br>R:\3\3690\002\DWG\C801<br>R:\3\3690\002\DWG\C802\STORM<br>R:\3\3690\001\DWG\001B<br>R:\3\3690\002\DWG\002B<br>R:\3\3690\003\DWG\003B |                       |

SHEET NO.: **C606**



IVORY COURT  
MATCH LINE  
SEE SHEET C102  
ANTONIA BOULEVARD  
LINE "F"

**UTILITIES**

**GAS**  
Vectren  
1630 North Meridian Street  
P.O. Box 7136  
Indianapolis, Indiana 46207  
(317) 592-4500

**TELEPHONE**  
Ameritech Indiana Corporation  
220 North Meridian Street  
Indianapolis, Indiana 46204  
(800) 742-8771

**WATER**  
Carmel City Utilities  
1 Civic Square  
Carmel, Indiana 46032  
(317) 571-2442

**STREETS**  
Hamilton County Highway Department  
1770 South 10th Street  
Noblesville, Indiana 46060  
(317) 773-7770, (317) 773-1282

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

**ELECTRIC**  
EnergyPac, S. I.  
100 Mill Creek Road  
P.O. Box 312  
Noblesville, Indiana 46061  
(800) 521-2232

**STORM SEWER**  
Hamilton County Drainage Board  
One Hamilton County Square, Suite 188  
Noblesville, Indiana 46060  
(317) 776-6495

**SANITARY SEWERS**  
Clay Township Regional Waste District  
10701 North College Avenue, Suite A  
Indianapolis, Indiana 46240  
(317) 644-9200

**CABLE TELEVISION**  
Time Warner  
516 East Carmel Drive  
Carmel, Indiana 46032  
(317) 972-9700

**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.

**CERTIFICATION FOR "RECORD DRAWING"**

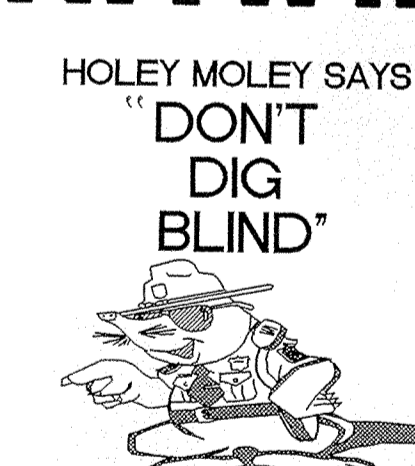
**NOTE:**  
Record drawing certification for sub-surface drain marker location only.

**SUB-SURFACE DRAIN RECORD DRAWING**

**NOTE:**  
FOR STRUCTURE DATA TABLES SEE SHEET C104.

**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 OR 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 COUNTY SURVEYOR SHALL APPLY FOR ALL STORM 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 5' IN WIDTH.
- EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK JOINTS ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 9' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- 5' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- 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.



**"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.

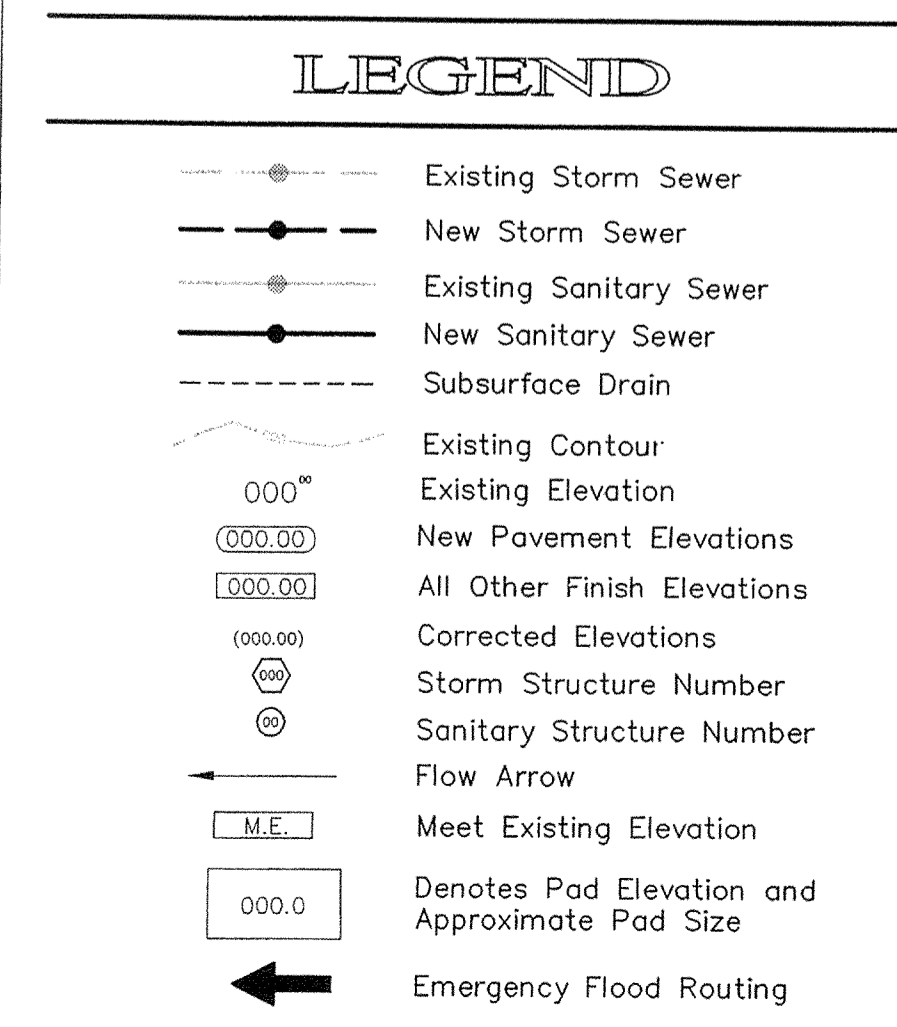
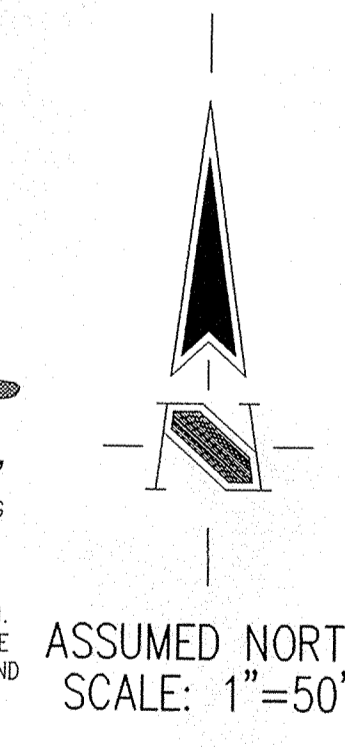
**BENCHMARK**

BM- DEPARTMENT OF NATURAL RESOURCES BRASS DISK STAMPED "LEE 2 1989" AT THE SOUTHEAST CORNER OF 131ST STREET AND SHELBORNE ROAD. ELEVATION= 915.619 (N.G.V.D. 1929 DATUM).

TBM#1- R/R SPIKE AT NORTHEAST CORNER OF PROPERTY, APPROXIMATELY CENTERLINE OF THE NORTHBOUND LANE OF SHELBORNE ROAD. ELEVATION= 917.47 (N.G.V.D. 1929 DATUM).

TBM#2- BOAT SPIKE SOUTH SIDE OF A POWER POLE ±13' WEST OF THE CENTERLINE OF SHELBORNE ROAD AND ±11' NORTH OF THE CENTERLINE OF 126TH STREET. ELEVATION=917.30 (N.G.V.D. 1929 DATUM).

TBM#3- MAG NAIL WITH "TSC" RANDOM WASHER, NEAR DRIVE RUNNING SOUTH FROM THE SOUTH LINE OF THE PROPERTY AT THE WEST END OF ASPHALT DRIVE. ELEVATION=911.82 (N.G.V.D. 1929 DATUM).



REVISIONS:  
1. PRO 08/15/03 ADDED LINES & PAPERS FOR WINDING TO THE CORNER OF JUST ST. & SHELBORNE ROAD AND TO THE EAST SIDE OF REEGER WAY/WINDING DR. & ADDED BY PART TO THE STREETS, ADJUSTED STAKES, WINDING NOTES & ELEVATIONS.

This information was gathered for this project from the Hamilton County Geographic Information System (GIS) and is considered an official record of the County.

Drawn by: SLM  
Checked by: SLM

REGISTERED  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 4/23/04

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.

© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
Historic Fort Harrison  
8901 Otis Avenue  
Indianapolis, IN 46216-1037  
Telephone: 317.826.7100  
Fax: 317.826.7200  
www.schneidercorp.com

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

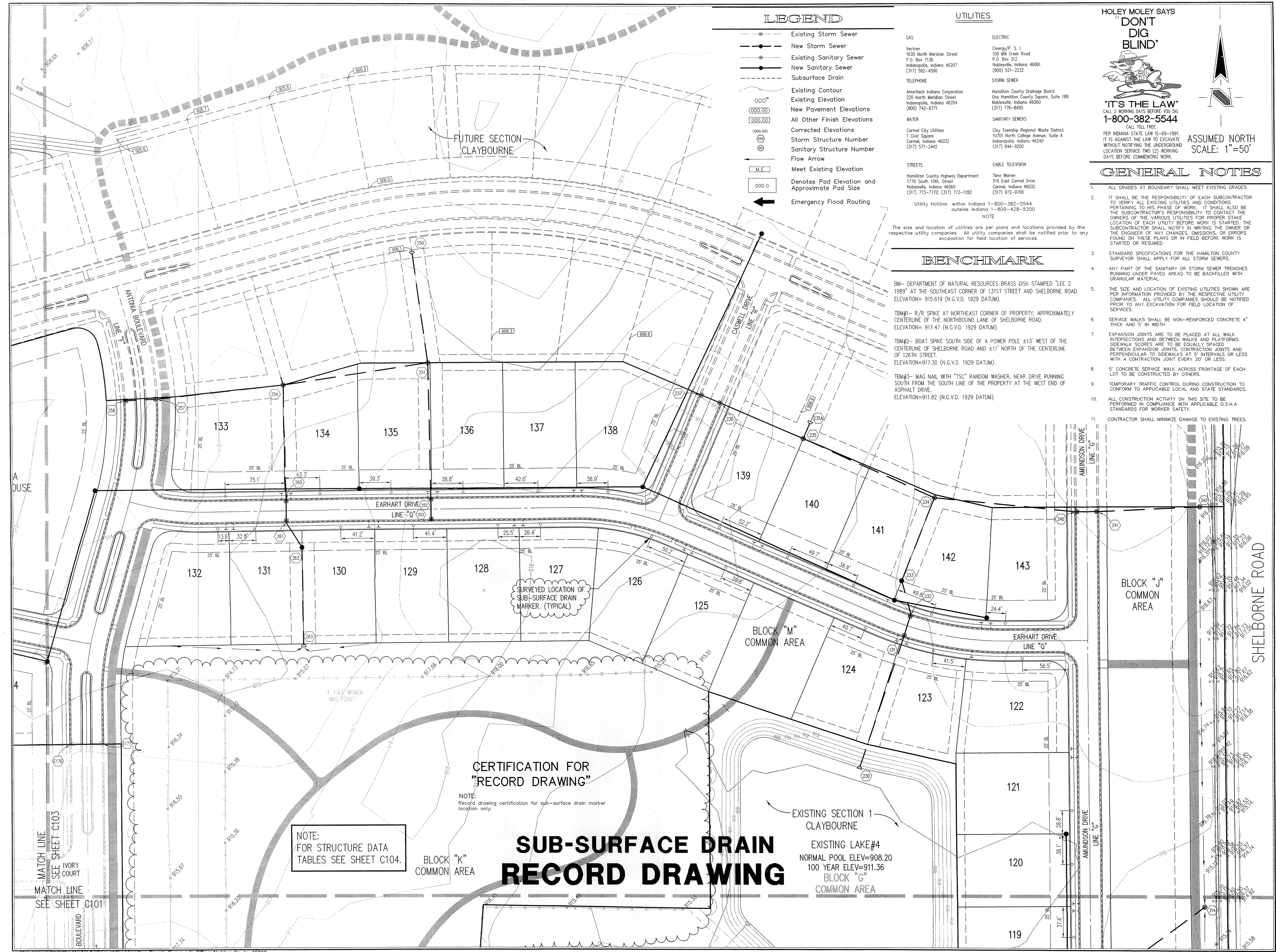
**CLAYBOURNE SECTION 2**

CARMEL, INDIANA

**BOOMERANG DEVELOPMENT, LLC**  
FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO: 3690.002  
DRAWN BY: PRC CHECKED BY: JCC  
SHEET TITLE: SUB-SURFACE DRAIN RECORD DRAWING  
DRAWING FILES:  
R:\X\3690\002\DWG\C101SSD  
REF: 0025  
R:\X\3690\002\DWG\002BLS  
REF: R:\X\3690\001\DWG\001BS  
R:\X\3690\002\DWG\003BS  
REF: R:\X\3690\001\DWG\3690PRT  
R:\X\3690\002\DWG\001BS

SHEET NO: **C101**



**LEGEND**

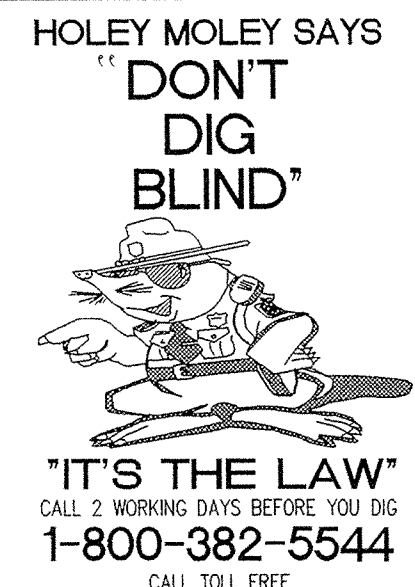
- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Subsurface Drain
- Existing Contour
- New Pavement Elevations
- All Other Finish Elevations
- Corrected Elevations
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Meet Existing Elevation
- Denotes Pad Elevation and Approximate Pad Size
- Emergency Flood Routing

**UTILITIES**

- GAS**  
Vectren  
1630 North Meridian Street  
P.O. Box 7136  
Indianapolis, Indiana 46207  
(317) 592-4500
- TELEPHONE**  
Ameritech Indiana Corporation  
220 North Meridian Street  
Indianapolis, Indiana 46204  
(800) 742-8771
- WATER**  
Carmel City Utilities  
1 Civic Square  
Carmel, Indiana 46032  
(317) 773-2442
- STREETS**  
Hamilton County Highway Department  
1770 South 10th Street  
Noblesville, Indiana 46060  
(317) 773-7770, (317) 773-1282
- Utility Hotline: within Indiana 1-800-382-5544  
outside Indiana 1-800-428-5200
- ELECTRIC**  
Energy/P. S. L.  
100 Mill Creek Road  
P.O. Box 312  
Noblesville, Indiana 46061  
(800) 521-2232
- STORM SEWER**  
Hamilton County Drainage Board  
One Hamilton County Square, Suite 188  
Noblesville, Indiana 46060  
(317) 776-8495
- SANITARY SEWERS**  
Clay Township Regional Waste District  
10701 North College Avenue, Suite A  
Indianapolis, Indiana 46240  
(317) 844-9200
- CABLE TELEVISION**  
Time Warner  
516 East Carmel Drive  
Carmel, Indiana 46032  
(317) 972-9700

**BENCHMARK**

- BM- DEPARTMENT OF NATURAL RESOURCES BRASS DISK STAMPED "LEE 2 1989" AT THE SOUTHEAST CORNER OF 131ST STREET AND SHELBORNE ROAD. ELEVATION= 915.619 (N.G.V.D. 1929 DATUM).
- TBM#1- R/R SPIKE AT NORTHEAST CORNER OF PROPERTY, APPROXIMATELY CENTERLINE OF THE NORTHBOUND LANE OF SHELBORNE ROAD. ELEVATION= 917.47 (N.G.V.D. 1929 DATUM).
- TBM#2- BOAT SPIKE SOUTH SIDE OF A POWER POLE ±13' WEST OF THE CENTERLINE OF SHELBORNE ROAD AND ±11' NORTH OF THE CENTERLINE OF 126TH STREET. ELEVATION= 917.30 (N.G.V.D. 1929 DATUM).
- TBM#3- MAG NAIL WITH "TSC" RANDOM WASHER, NEAR DRIVE RUNNING SOUTH FROM THE SOUTH LINE OF THE PROPERTY AT THE WEST END OF ASPHALT DRIVE. ELEVATION= 911.82 (N.G.V.D. 1929 DATUM).



**"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  
& REPAIR WALKS OR EXCAVATE TO OVERLAP PROJECT BOUNDARY TO  
THE NORTH & REPAIR WALK ON EAST SIDE OF AMUNDSON DR. ADJUSTED THE  
SLOPE OF SANITARY FROM 3% TO 5%.

**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 OR 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 COUNTY SURVEYOR SHALL APPLY FOR ALL STORM 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 5' IN WIDTH.
7. EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SPACES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
8. 5' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
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.

**CERTIFICATION FOR "RECORD DRAWING"**

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

**SUB-SURFACE DRAIN RECORD DRAWING**

NOTE:  
FOR STRUCTURE DATA TABLES SEE SHEET C104.

EXISTING SECTION 1 CLAYBOURNE  
EXISTING LAKE#4  
NORMAL POOL ELEV=908.20  
100 YEAR ELEV=911.36  
BLOCK "G" COMMON AREA

REVISIONS:  
1. PRC 06/04/03 REV. 1. ELEVATIONS, ADDED DRAIN END SECTION 2554, REV. TRAMP SWALE & WORKING NOTES & EXTENDED WALKING TO OVERLAP PROJECT BOUNDARY TO THE NORTH & REPAIR WALK ON EAST SIDE OF AMUNDSON DR. ADJUSTED THE SLOPE OF SANITARY FROM 3% TO 5%.

Hamilton County Geographical Information System  
Official record of the GIS.

Entry Date: 6-1-06  
Entered by: SLM

REGISTERED PROFESSIONAL ENGINEER  
No. 920350  
STATE OF INDIANA  
DATE: 4/23/04

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.

© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
Historic Fort Harrison  
8901 Otis Avenue  
Indianapolis, IN 46216-1037  
Telephone: 317.826.7100  
Fax: 317.826.7200  
www.schneidercorp.com

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

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA  
**BOOMBRANG DEVELOPMENT, LLC**  
FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO.: 3690.002  
DRAWN BY: PRC CHECKED BY: JCC  
SHEET TITLE: SUB-SURFACE DRAIN RECORD DRAWING  
DRAWING FILES:  
R:\3690\002\DWG\C101.DWG  
XREF: R:\3690\002\DWG\C102.DWG  
XREF: R:\3690\001\DWG\C101.DWG  
XREF: R:\3690\001\DWG\C103.DWG  
XREF: R:\3690\001\DWG\C104.DWG  
XREF: R:\3690\002\DWG\C101.DWG

SHEET NO.: **C102**

CERTIFICATION FOR  
"RECORD DRAWING"

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

# SUB-SURFACE DRAIN 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 15-69-1991,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
UTILITY SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH  
SCALE: 1"=50'

REVISIONS:  
1. PRC 06/04/03 REV. STREET NAME FOR DOLAN WAY TO 30' ADJUSTED STORM CROSSING STREET  
MOVED WATER IN 7', 50'S & 50'S TEES. ALSO REV. E.P. STATION OF LINE "P".

This information is provided for use only in the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: 6/7/04  
Entered By: S-L-T

REGISTERED  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 4/23/04  
THIS DRAWING AND THE IDEAS, DESIGN 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.  
© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
Historic Fort Harrison  
8901 Otis Avenue  
Indianapolis, IN 46216-1037  
Telephone: 317.826.7100  
Fax: 317.826.7200  
www.schneidercorp.com

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

CLAYBOURNE SECTION 2

CARMEL, INDIANA  
BOOMERANG DEVELOPMENT, LLC  
FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO.: 3690.002  
DRAWN BY: PRC CHECKED BY: JCC  
SHEET TITLE: SUB-SURFACE DRAIN RECORD DRAWING  
DRAWING FILES:  
R:\3690\002\DWGS\C101SSD  
XREF: 002BS  
XREF: R:\3690\002\DWGS\002BS  
XREF: R:\3690\001\DWGS\001BS  
XREF: R:\3690\003\DWGS\003BS  
XREF: R:\3690\001\DWGS\3690001T  
XREF: R:\3690\002\DWGS\001BS  
SHEET NO.:  
**C103**



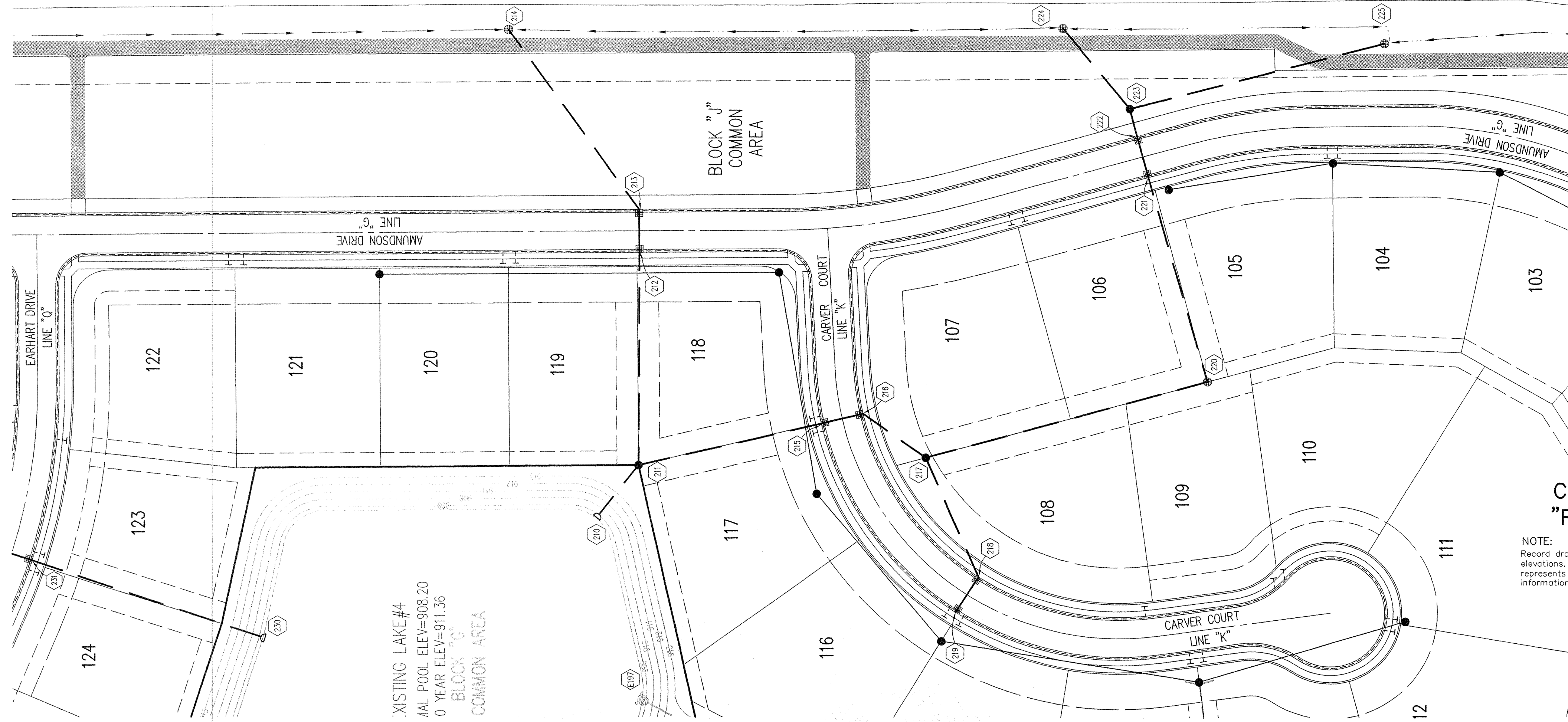
NOTE:  
FOR STRUCTURE DATA  
TABLES SEE SHEET C104.

**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 OR 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 COUNTY SURVEYOR SHALL APPLY FOR ALL STORM 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 5' IN WIDTH.
- EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR TO SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
- CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- 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
- Subsurface Drain
- Existing Contour
- Existing Elevation
- New Pavement Elevations
- All Other Finish Elevations
- Corrected Elevations
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Meet Existing Elevation
- Denotes Pad Elevation and Approximate Pad Size
- Emergency Flood Routing



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.

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

**BENCHMARK**

A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBORNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY.  
 ELEVATION 917.89 (NGVD 1929)

**CERTIFICATION FOR "RECORD DRAWING"**

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

**LEGEND/DETAILS**

| Sheet | Detail | Description                                     |
|-------|--------|-------------------------------------------------|
| CB04  | 4      | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| CB04  | 1      | Roll Curb Inlet Detail                          |
| CB04  | 2      | Beehive Inlet Detail                            |
| CB04  | 3      | Storm Manhole Detail                            |
| CB04  | 6      | Precast Concrete End Section                    |
| CB04  | 9A-10  | RipRap Detail @ End Section                     |

**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER PROFILE**

**LEGEND**

|  |                   |
|--|-------------------|
|  | Existing Grade    |
|  | New Grade         |
|  | Granular Backfill |

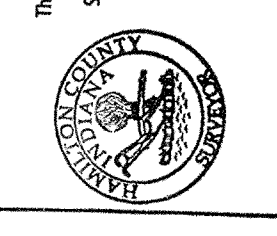
SCALE: HORZ.: 1"=50'  
 VERT.: 1"=5'

**STORM SEWER RECORD DRAWING**

REVISIONS:  
 1.00P 08/15/03 REVISE STORM SEWER

This information is provided for informational purposes only. It is not intended to be used as a legal document. The user assumes all liability for any use of this information. The user agrees to hold the provider harmless from any and all claims, damages, and expenses, including reasonable attorneys' fees, arising from any use of this information.

Entered By: SLM



REGISTERED PROFESSIONAL ENGINEER  
 No. 920350  
 STATE OF INDIANA

DATE: 2/2/04

THIS DRAWING AND THE DESIGN, CALCULATIONS, AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE 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.

© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
 Historic Fort Harrison  
 8901 Otis Avenue  
 Indianapolis, IN 46216-1037  
 Telephone: 317.826.7100  
 Fax: 317.826.7200  
 www.schneidercorp.com

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

**CLAYBOURNE SECTION 2**

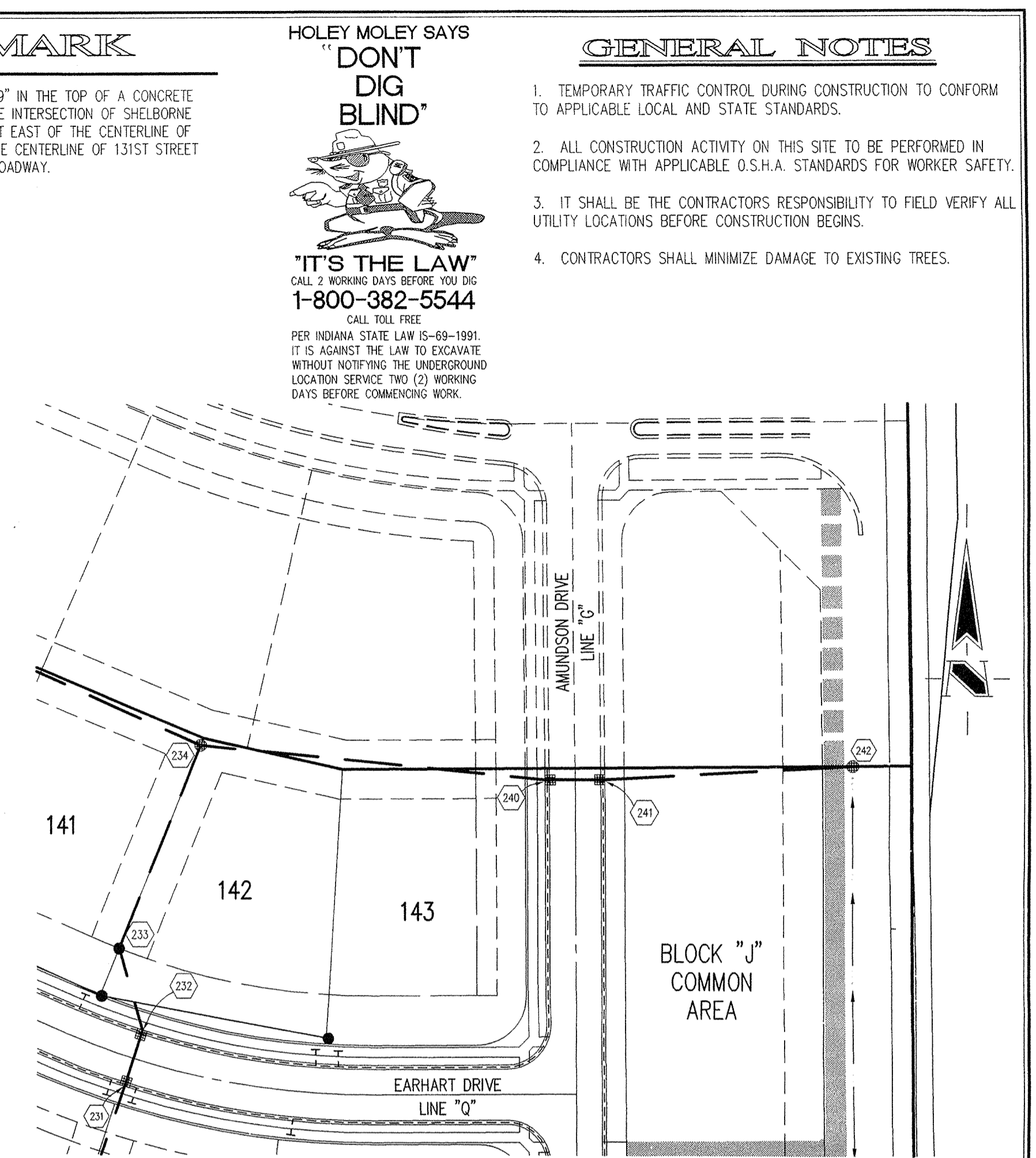
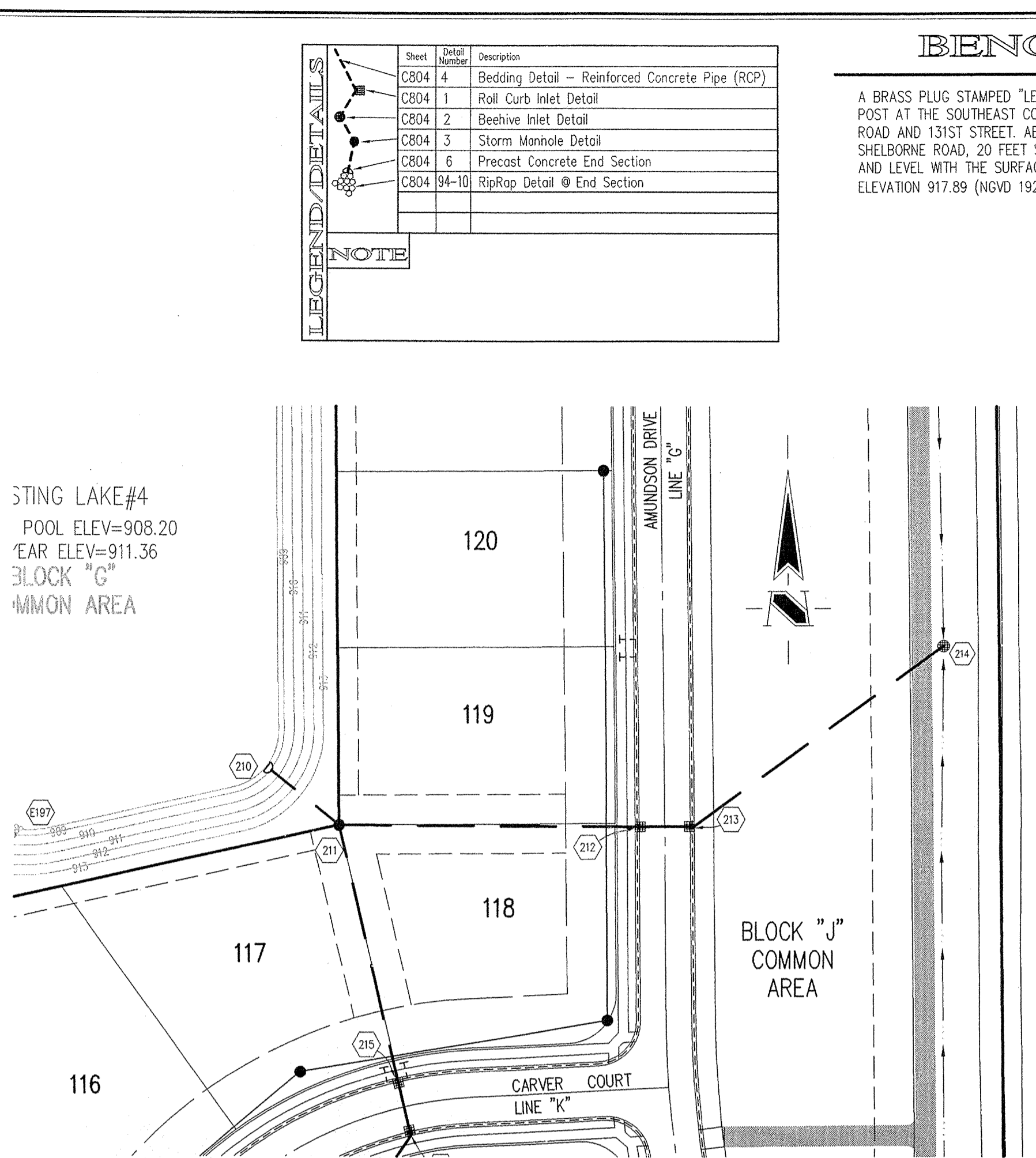
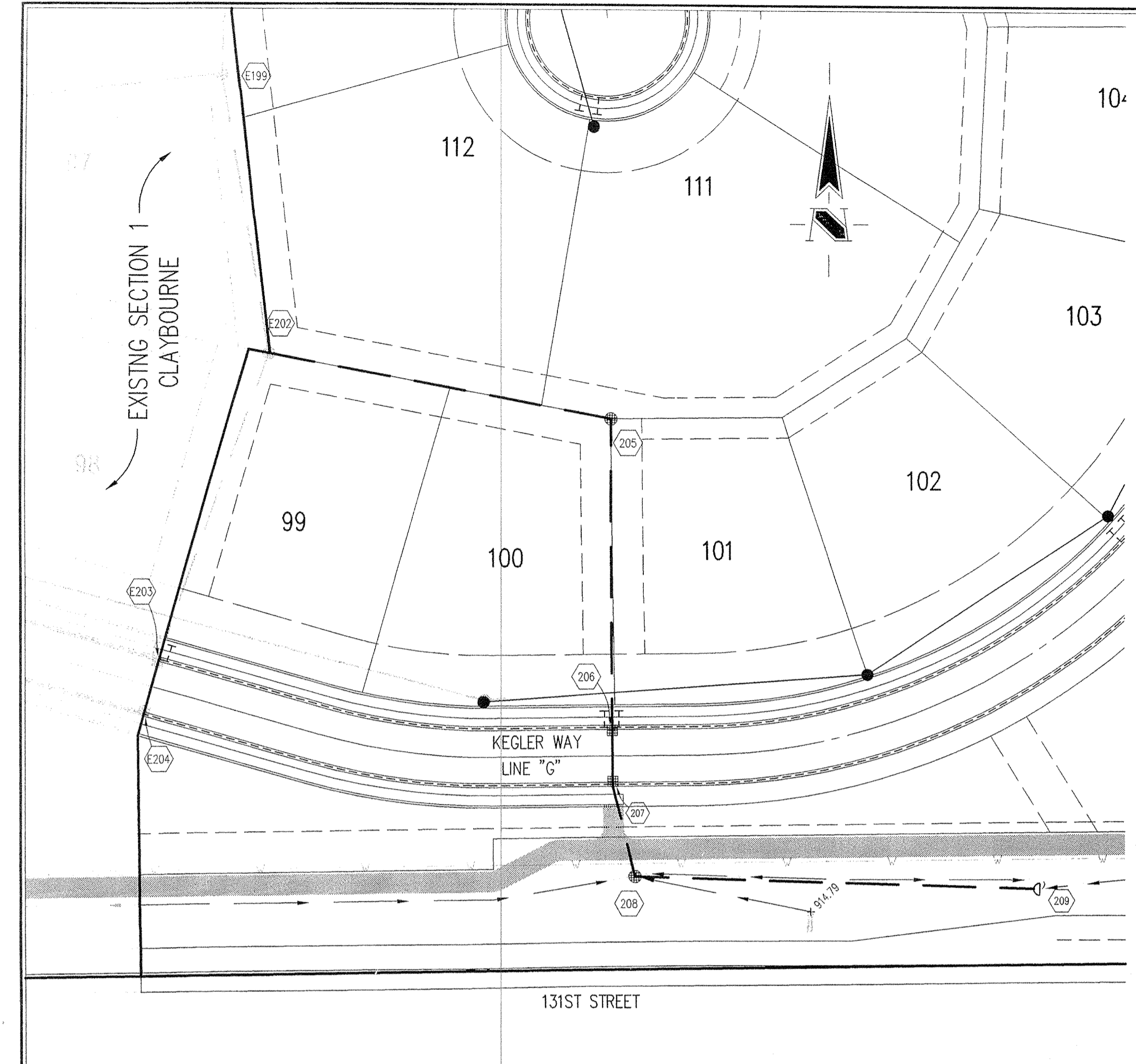
CARMEL, INDIANA  
**BOOMERANG DEVELOPMENT, LLC**  
 FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO.: 3690.002  
 DRAWN BY: DRP CHECKED BY: JCC  
 SHEET TITLE: STORM SEWER PLAN

DRAWING FILES:  
 R:\3\3690\002\DWG\C601  
 XREF: R:\3\3690\002\DWG\STORM  
 XREF: R:\3\3690\002\DWG\0005  
 XREF: R:\3\3690\002\DWG\0005  
 XREF: R:\3\3690\002\DWG\0005

SHEET NO.: **C601**

This copy is from the Digital Archive of the Hamilton County Surveyor's Office, Noblesville, IN 46060



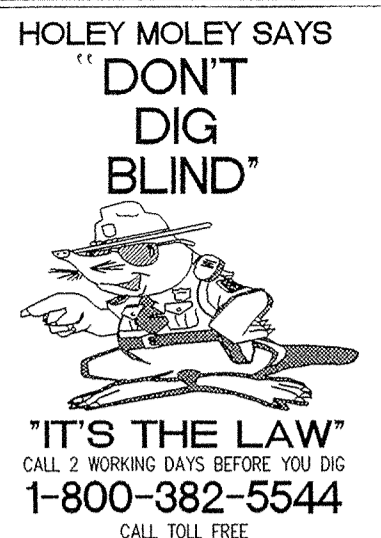
**LEGEND/DETAILS**

| Sheet Number | Description                                     |
|--------------|-------------------------------------------------|
| CB04 4       | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| CB04 1       | Roll Curb Inlet Detail                          |
| CB04 2       | Beehive Inlet Detail                            |
| CB04 3       | Storm Manhole Detail                            |
| CB04 6       | Precast Concrete End Section                    |
| CB04 94-10   | RipRap Detail @ End Section                     |

**NOTE**

**BENCHMARK**

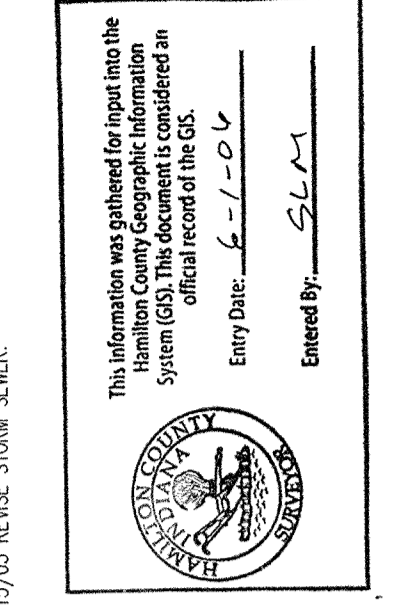
A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBOURNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBOURNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY. ELEVATION 917.89 (NGVD 1929)



CALL TOLL FREE  
PER INDIANA STATE LAW 15-69-1991  
IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

**GENERAL NOTES**

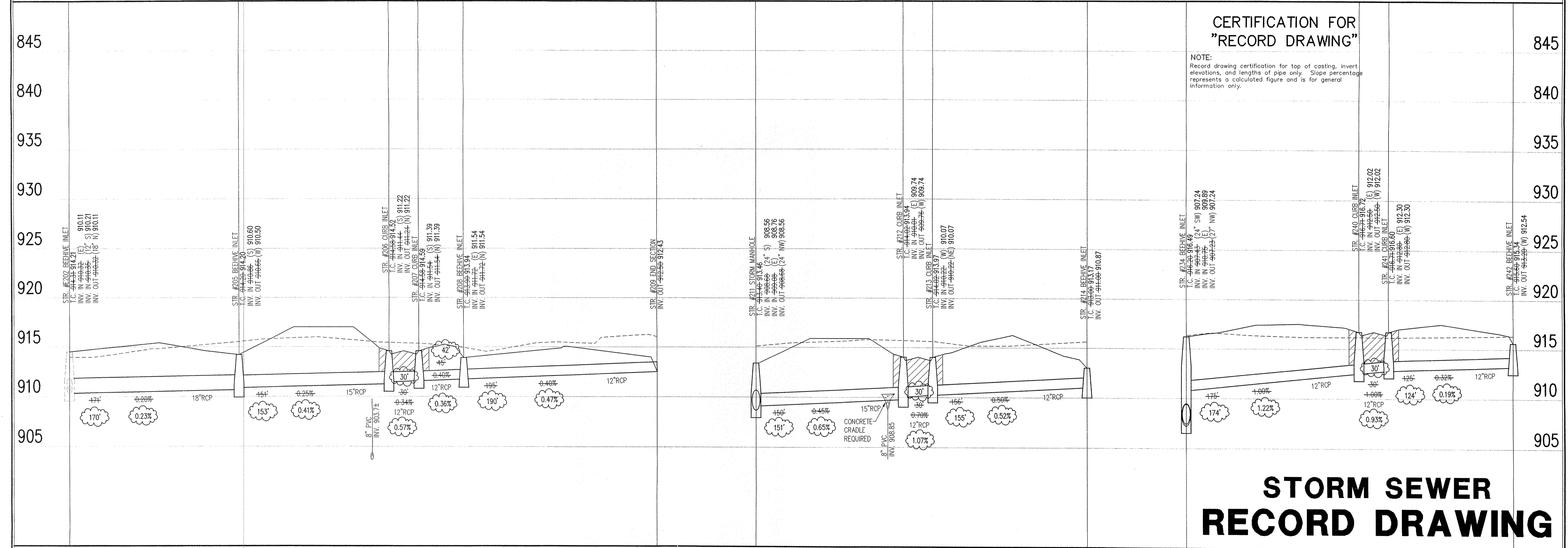
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS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



DATE: 11/23/04  
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.  
© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**STORM SEWER PLAN**

SCALE: 1"=50'



**CERTIFICATION FOR "RECORD DRAWING"**

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

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

|  |                   |
|--|-------------------|
|  | Existing Grade    |
|  | New Grade         |
|  | Granular Backfill |

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



THE SCHNEIDER CORPORATION  
Historic Fort Harrison  
8901 Otis Avenue  
Indianapolis, IN 46216-1037  
Telephone: 317.826.7100  
Fax: 317.826.7200  
www.schneidercorp.com

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

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA  
**BOOMERANG DEVELOPMENT, LLC**  
FISHERS, INDIANA

|                                                                                                                                                                 |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| DATE: 06/04/03                                                                                                                                                  | PROJECT NO.: 3690.002 |
| DRAWN BY: DRP                                                                                                                                                   | CHECKED BY: JCC       |
| SHEET TITLE: STORM SEWER PLAN                                                                                                                                   |                       |
| DRAWING FILES:<br>R:\3690\002\DWG\C601<br>XREF: R:\3690\002\DWG\STORM<br>XREF: R:\3690\001\DWG\0005<br>XREF: R:\3690\002\DWG\0005<br>XREF: R:\3690\003\DWG\0005 |                       |

SHEET NO.: **C602**

**BENCHMARK**

A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBORNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY. ELEVATION 917.89 (NGVD 1929)

**GENERAL NOTES**

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

**LEGEND**

| Sheet Number | Description                                     |
|--------------|-------------------------------------------------|
| C804 4       | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| C804 1       | Roll Curb Inlet Detail                          |
| C804 2       | Beehive Inlet Detail                            |
| C804 3       | Storm Manhole Detail                            |
| C804 6       | Precast Concrete End Section                    |
| C804 94-10   | RipRap Detail @ End Section                     |

**CERTIFICATION FOR "RECORD DRAWING"**

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

HOLEY MOLEY SAYS  
"DON'T DIG BLIND"

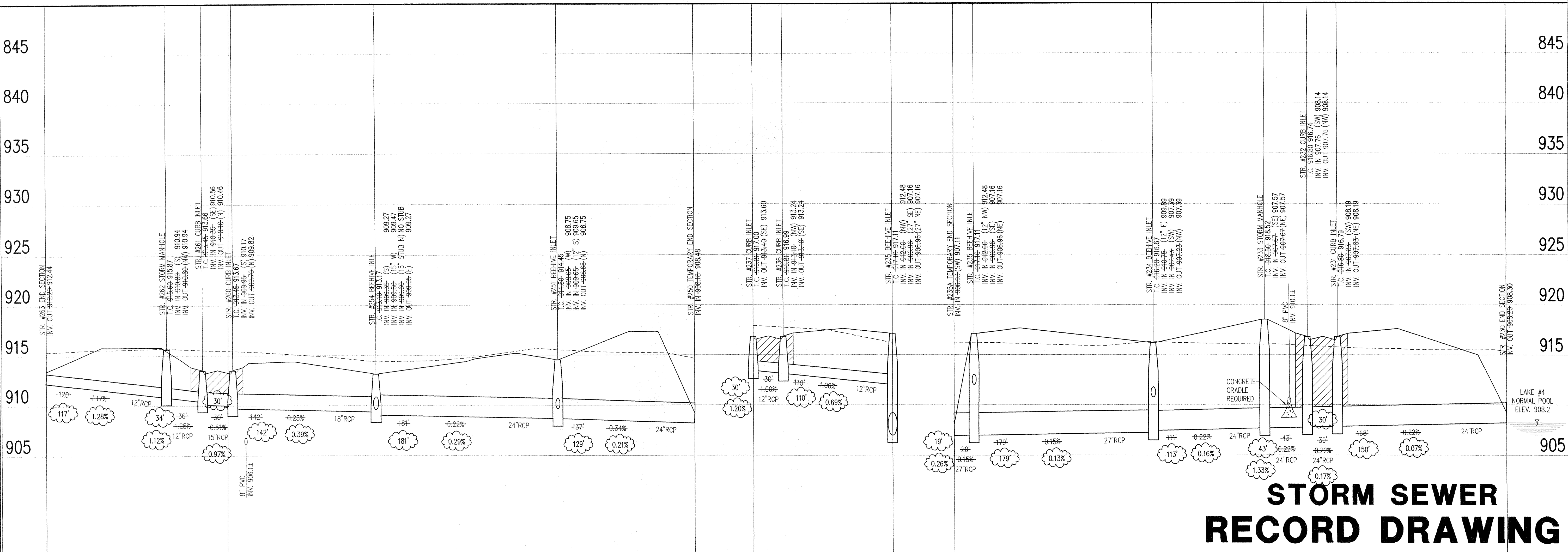


"IT'S THE LAW"  
CALL 2 WORKING DAYS BEFORE YOU DIG  
1-800-382-5544

CALL TOLL FREE  
PER INDIANA STATE LAW 15-69-1191,  
IT IS AGAINST THE LAW TO EXCAVATE  
WITHOUT NOTIFYING THE UNDERGROUND  
LOCATION SERVICE TWO (2) WORKING  
DAYS BEFORE COMMENCING WORK.

**STORM SEWER PLAN**

SCALE: 1"=50'



**STORM SEWER RECORD DRAWING**

**LEGEND**

|  |                   |
|--|-------------------|
|  | Existing Grade    |
|  | New Grade         |
|  | Granular Backfill |

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

**STORM SEWER PROFILE**

REVISIONS: LUMP 08/15/00 REUSE STORM SEWER

This information was prepared for input into the Hamilton County Geographic Information System (GIS) and is not to be used or reproduced in whole or in part without the written consent of the SCHNEIDER CORPORATION.

DATE: 2/23/01  
Entered By: SLM

U. S. PORT CROSSY REGISTERED  
No. 920350  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DATE: 2/23/01

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.

© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
Historic Fort Harrison  
8901 Otis Avenue  
Indianapolis, IN 46216-1037  
Telephone: 317.826.7100  
Fax: 317.826.7200  
www.schneidercorp.com

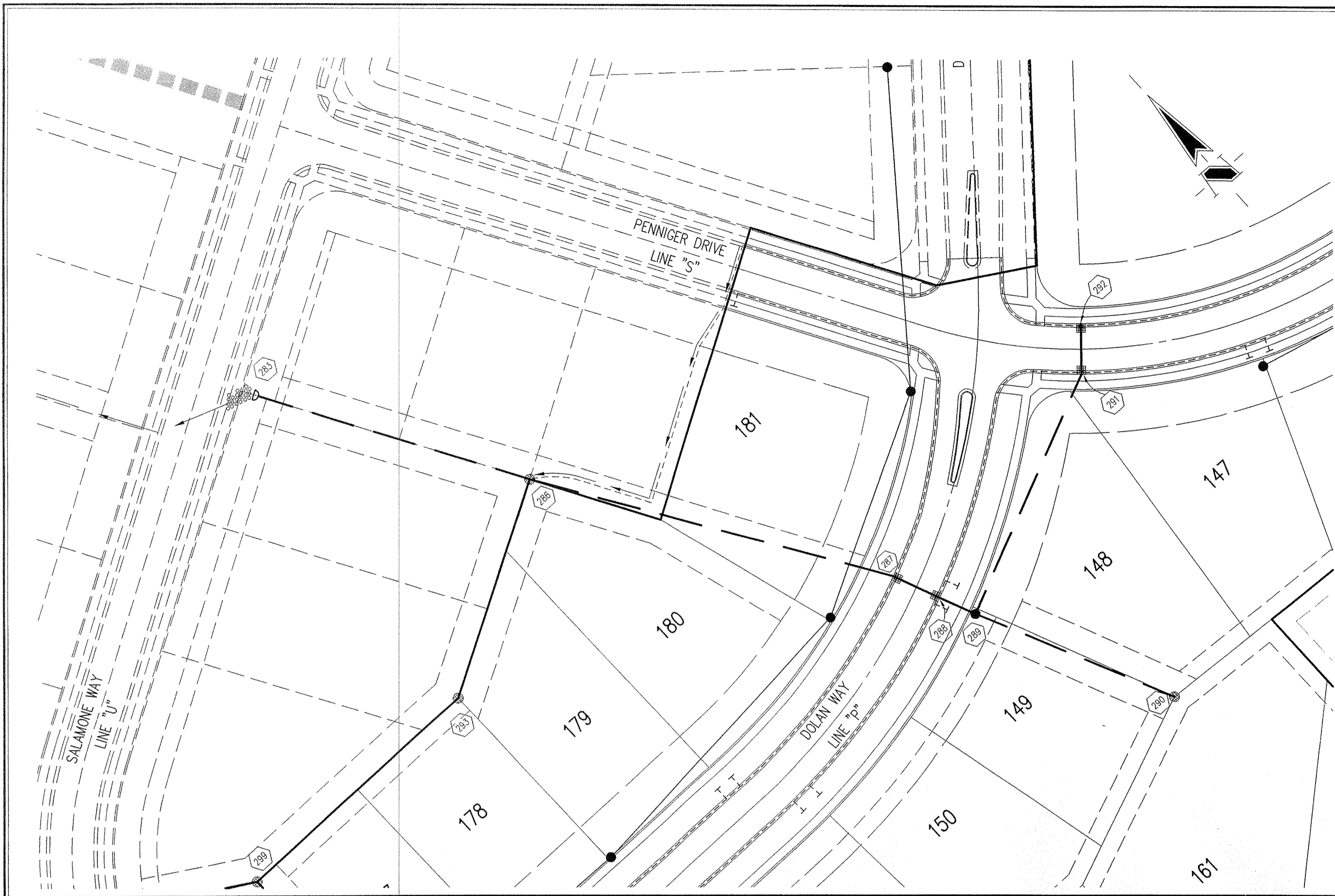
Architecture  
Civil Engineering  
Environmental Engineering  
Geotechnical Services  
GIS + LIS  
Home Builder Services  
Interior Design  
Land Surveying  
Landscape Architecture  
Transportation Engineering

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA  
**BOOMERANG DEVELOPMENT, LLC**  
FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO.: 3690.002  
DRAWN BY: DRP CHECKED BY: JCC  
SHEET TITLE: STORM SEWER PLAN  
DRAWING FILES:  
R:\3K\3690\002\DWG\S001  
R:\3K\3690\002\DWG\S\STORM  
R:\3K\3690\001\DWG\S\001B5  
R:\3K\3690\002\DWG\S\002B5  
R:\3K\3690\003\DWG\S\003B5

SHEET NO.: **C603**



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 15-69-1091,  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

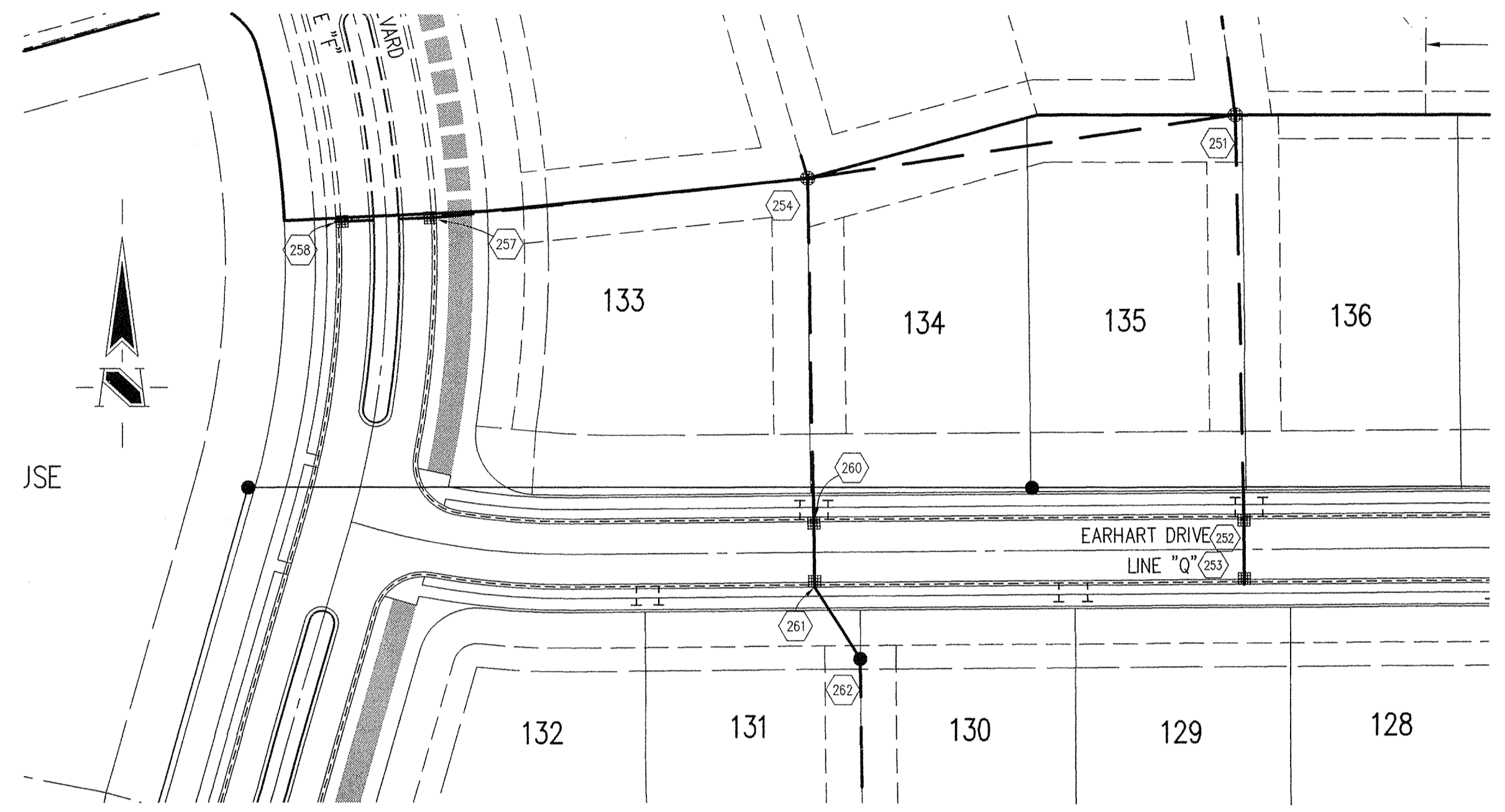
**BENCHMARK**

A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBORNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY.  
 ELEVATION 917.89 (NGVD 1929)

| Sheet Number | Description                                     |
|--------------|-------------------------------------------------|
| C804 4       | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| C804 1       | Roll Curb Inlet Detail                          |
| C804 2       | Beehive Inlet Detail                            |
| C804 3       | Storm Manhole Detail                            |
| C804 6       | Precast Concrete End Section                    |
| C804 9A-10   | RipRap Detail @ End Section                     |

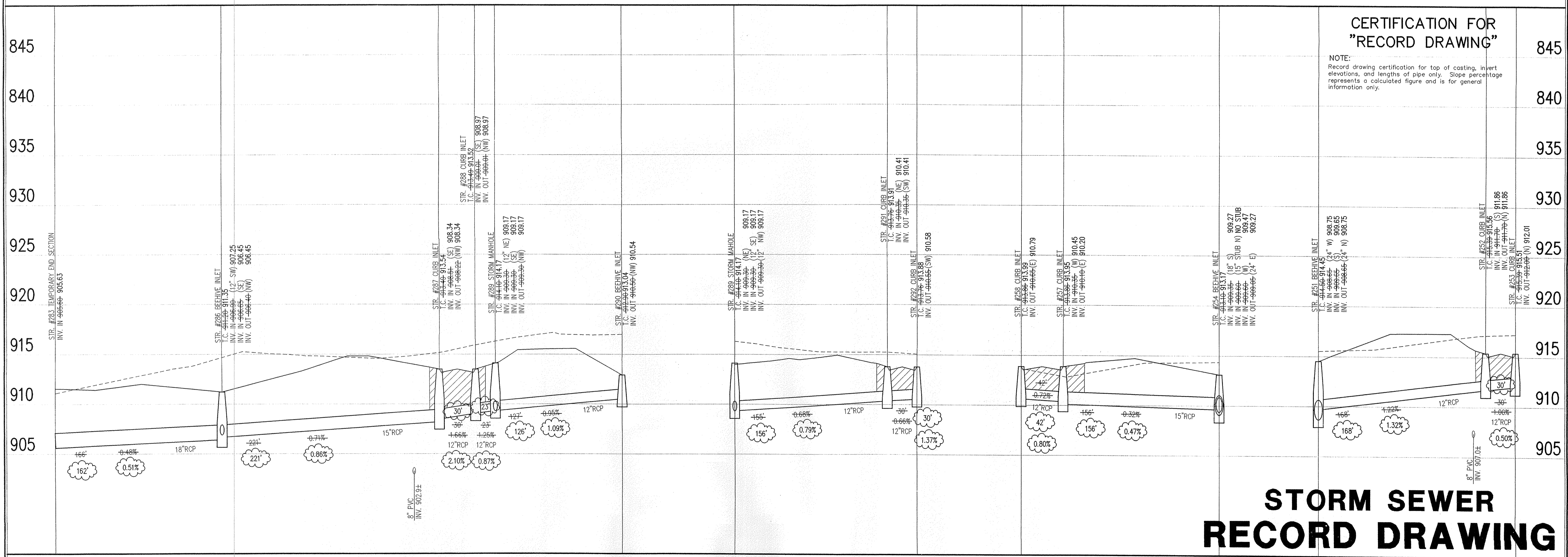
**GENERAL NOTES**

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



**STORM SEWER PLAN**

SCALE: 1"=50'



**CERTIFICATION FOR "RECORD DRAWING"**

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

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

| LEGEND |                   |  |
|--------|-------------------|--|
|        | Existing Grade    |  |
|        | New Grade         |  |
|        | Granular Backfill |  |

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

REVISIONS:  
 LDRP 08/15/03 REVISE STORM SEWER

This information was gathered for input into the Hamilton County Geographic Information System (GIS) and is not to be used for official record at the County Office.  
 Entry Date: 6-1-06  
 Entered By: SJA

COURT CROSSBY  
 REGISTERED  
 No. 920350  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

DATE: 4/23/04

THIS DRAWING AND THE IDEAS, DESIGN 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.

© COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
 Historic Fort Harrison  
 8901 Otis Avenue  
 Indianapolis, IN 46216-1037  
 Telephone: 317.626.7100  
 Fax: 317.626.7200  
 www.schneidercorp.com

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

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA

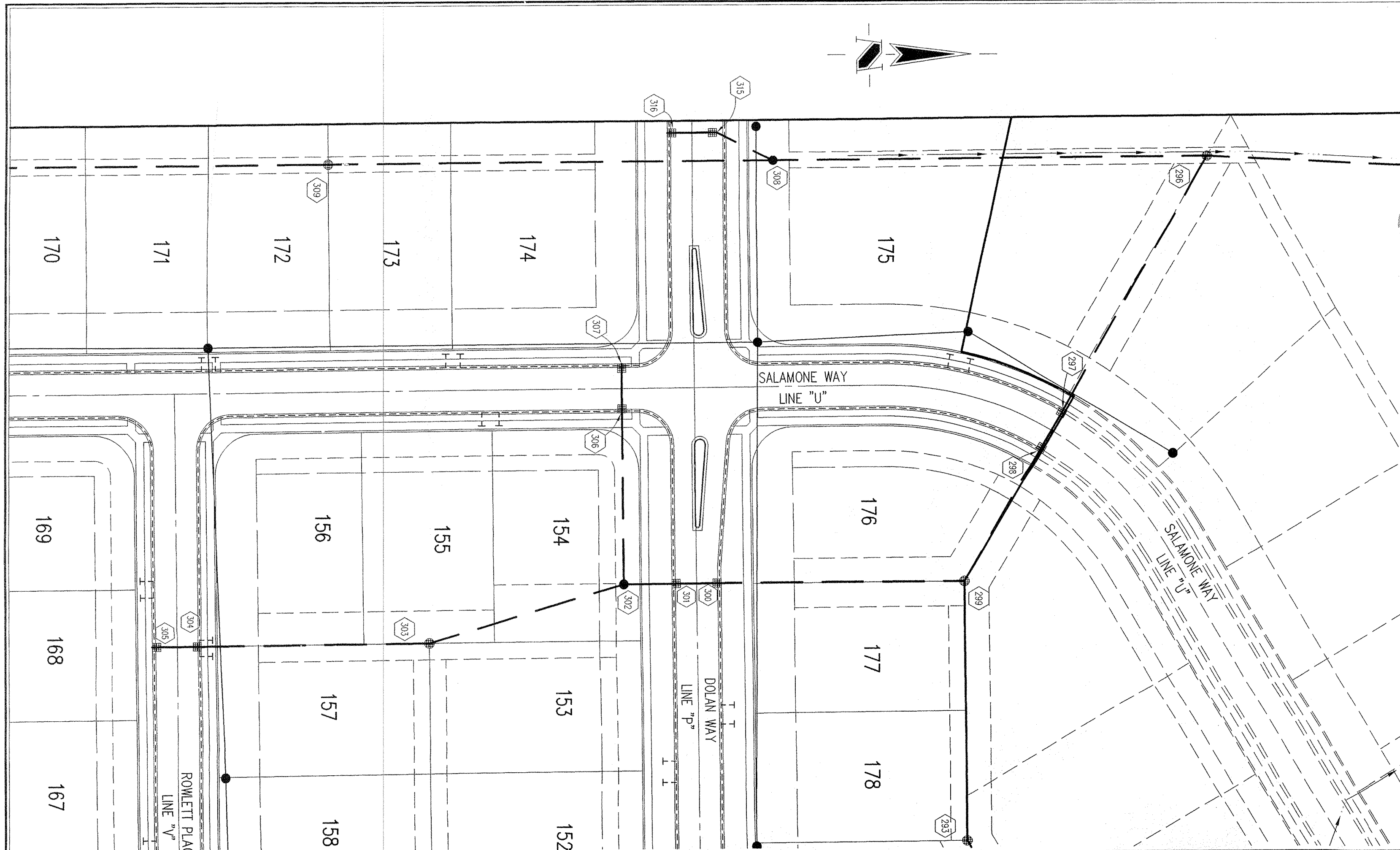
**BOOMERANG DEVELOPMENT, LLC**  
 FISHERS, INDIANA

DATE: 06/04/03 PROJECT NO.: 3690.002  
 DRAWN BY: DRP CHECKED BY: JCC  
 SHEET TITLE: STORM SEWER PLAN

DRAWING FILES:  
 R:\3\3690\002\DWGS\0601  
 XREF: R:\3\3690\002\DWGS\STORM  
 XREF: R:\3\3690\001\DWGS\0005  
 XREF: R:\3\3690\001\DWGS\0025  
 XREF: R:\3\3690\003\DWGS\0035

SHEET NO.: **C604**





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 15-69-1991  
 IT IS AGAINST THE LAW TO EXCAVATE  
 WITHOUT NOTIFYING THE UNDERGROUND  
 LOCATION SERVICE TWO (2) WORKING  
 DAYS BEFORE COMMENCING WORK.

| Sheet | Detail Number | Description                                     |
|-------|---------------|-------------------------------------------------|
| C804  | 4             | Bedding Detail - Reinforced Concrete Pipe (RCP) |
| C804  | 1             | Roll Curb Inlet Detail                          |
| C804  | 2             | Beehive Inlet Detail                            |
| C804  | 3             | Storm Manhole Detail                            |
| C804  | 6             | Precast Concrete End Section                    |
| C804  | 94-10         | RipRap Detail @ End Section                     |

NOTE: LEGEND DETAILS

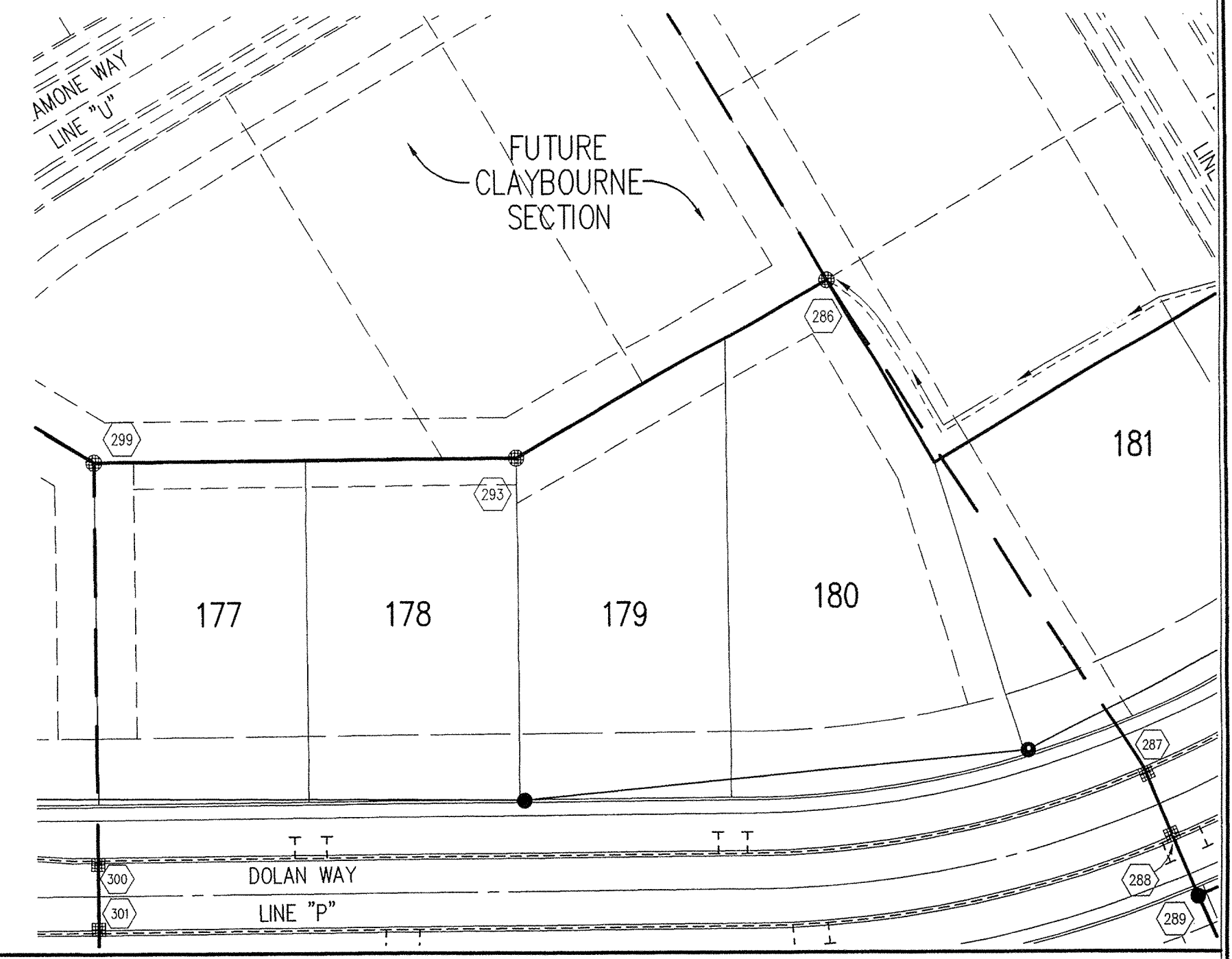
- GENERAL NOTES**
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
  - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
  - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD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

REVISIONS:  
 (1) PIPING (15) RENOV. STORM SEWER

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, Indiana Office of the Surveyor.  
 Entry Date: 6/1/03  
 Entered By: SJA

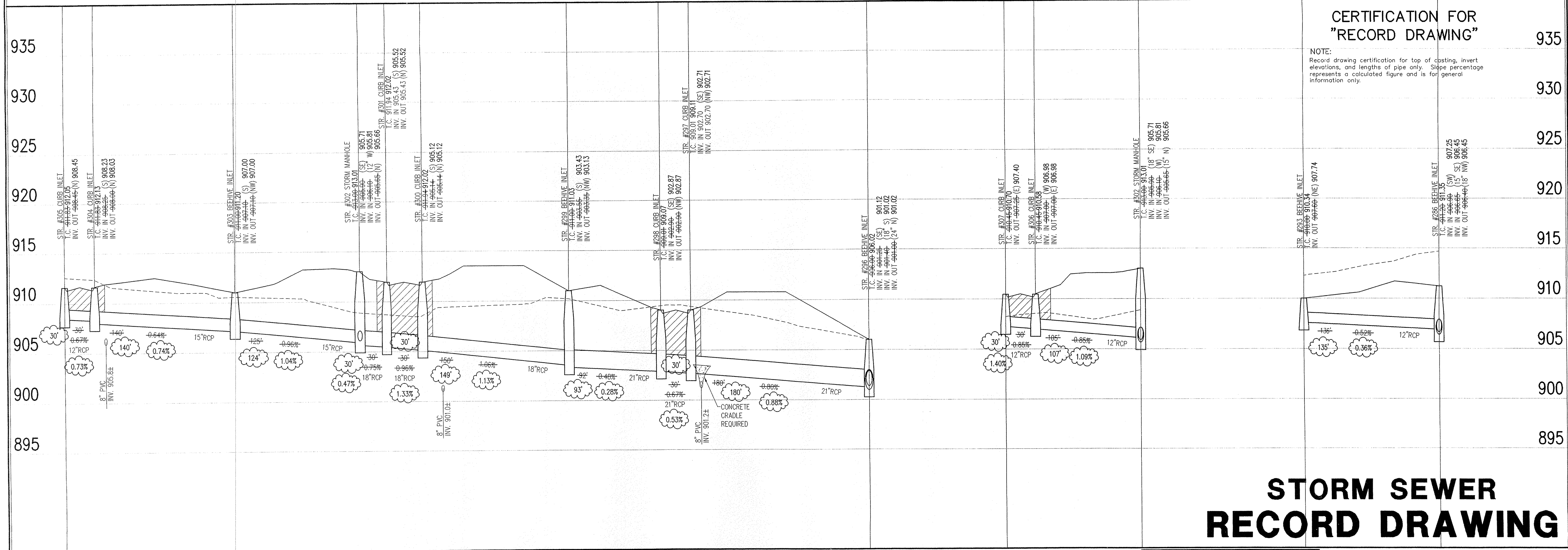
**BENCHMARK**

A BRASS PLUG STAMPED "LEE 2 AZI 1989" IN THE TOP OF A CONCRETE POST AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SHELBORNE ROAD AND 131ST STREET, ABOUT 26 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, 20 FEET SOUTH OF THE CENTERLINE OF 131ST STREET AND LEVEL WITH THE SURFACE OF THE ROADWAY.  
 ELEVATION 917.89 (NGVD 1929)



**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.

**STORM SEWER RECORD DRAWING**

**STORM SEWER PROFILE**

**LEGEND**

|  |                   |
|--|-------------------|
|  | Existing Grade    |
|  | New Grade         |
|  | Granular Backfill |

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

COURT CROSS REGISTERED  
 No. 920350  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

DATE: 6/1/03  
 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.  
 © COPYRIGHTED BY THE SCHNEIDER CORP. (2003)

**Schneider**

THE SCHNEIDER CORPORATION  
 Historic Fort Harrison  
 8901 Otis Avenue  
 Indianapolis, IN 46216-1037  
 Telephone: 317.826.7100  
 Fax: 317.826.7200  
 www.schneidercorp.com

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

**CLAYBOURNE SECTION 2**

CARMEL, INDIANA  
**BOOMERANG DEVELOPMENT, LLC**  
 FISHERS, INDIANA

|                                                                                                                                                                                                                                                                                                                            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| DATE: 06/04/03                                                                                                                                                                                                                                                                                                             | PROJECT NO.: 3690.002 |
| DRAWN BY: DRP                                                                                                                                                                                                                                                                                                              | CHECKED BY: JCC       |
| SHEET TITLE: STORM SEWER PLAN                                                                                                                                                                                                                                                                                              |                       |
| DRAWING FILES:<br>R:\JK\3690\002\DWG\CS\0601<br>R:\JK\3690\002\DWG\CS\0602<br>R:\JK\3690\002\DWG\CS\0603<br>R:\JK\3690\002\DWG\CS\0604<br>R:\JK\3690\002\DWG\CS\0605<br>R:\JK\3690\002\DWG\CS\0606<br>R:\JK\3690\002\DWG\CS\0607<br>R:\JK\3690\002\DWG\CS\0608<br>R:\JK\3690\002\DWG\CS\0609<br>R:\JK\3690\002\DWG\CS\0610 |                       |

SHEET NO.: **C605**