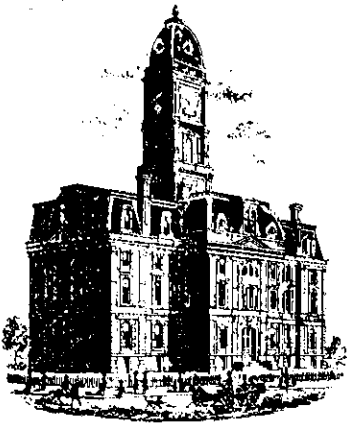


Drain: ALBERT SHAW **Drain #:** 70
Improvement/Arm: CLAYBOURNE SECTION 2 ARM
Operator: J. LIVINGSTON **Date:** 6-10-04
Drain Classification: Urban/Rural **Year Installed:** 2003

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

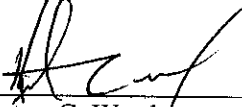
Agent: Lexon Insurance Co.
Date: August 15, 2003
Number: 1000652
For: Storm Sewer & Subsurface Drain
Amount: \$332,612.00

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

FINDINGS AND ORDER


CONCERNING THE MAINTENANCE OF THE

Albert Shaw Drain, Claybourne Section 2 Arm

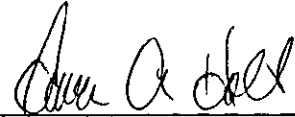
On this *26th day of January 2004*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Albert Shaw Drain, Claybourne Section 2 Arm*.

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


HAMILTON COUNTY DRAINAGE BOARD



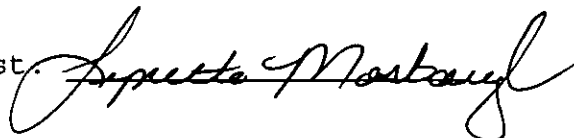
President



Member



Member

Attest. 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
Albert Shaw Drain, Claybourne Section 2 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Albert Shaw Drain, Claybourne Section 2 Arm** on **January 26, 2004** at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Albert Shaw Drain, Claybourne Section 2 Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **January 26, 2004** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

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: _____

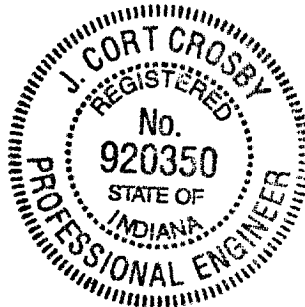
Type or print name: J. Cort Crosby P.E.

Business /Address: The Schneider Corporation

8901 OTIS AVENUE, INDIANAPOLIS, IN 46216

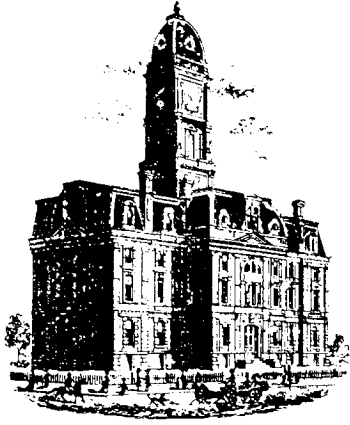
Telephone: (317) 826-7306

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
Totalx2:	4343

RCP Pipe Totals:

12	477
15	584
18	170
Total:	1231

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.

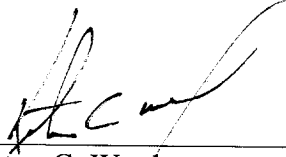
The following sureties were guaranteed by Lexon Insurance Co. and released by the Board on its August 14, 2006 Meeting.

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

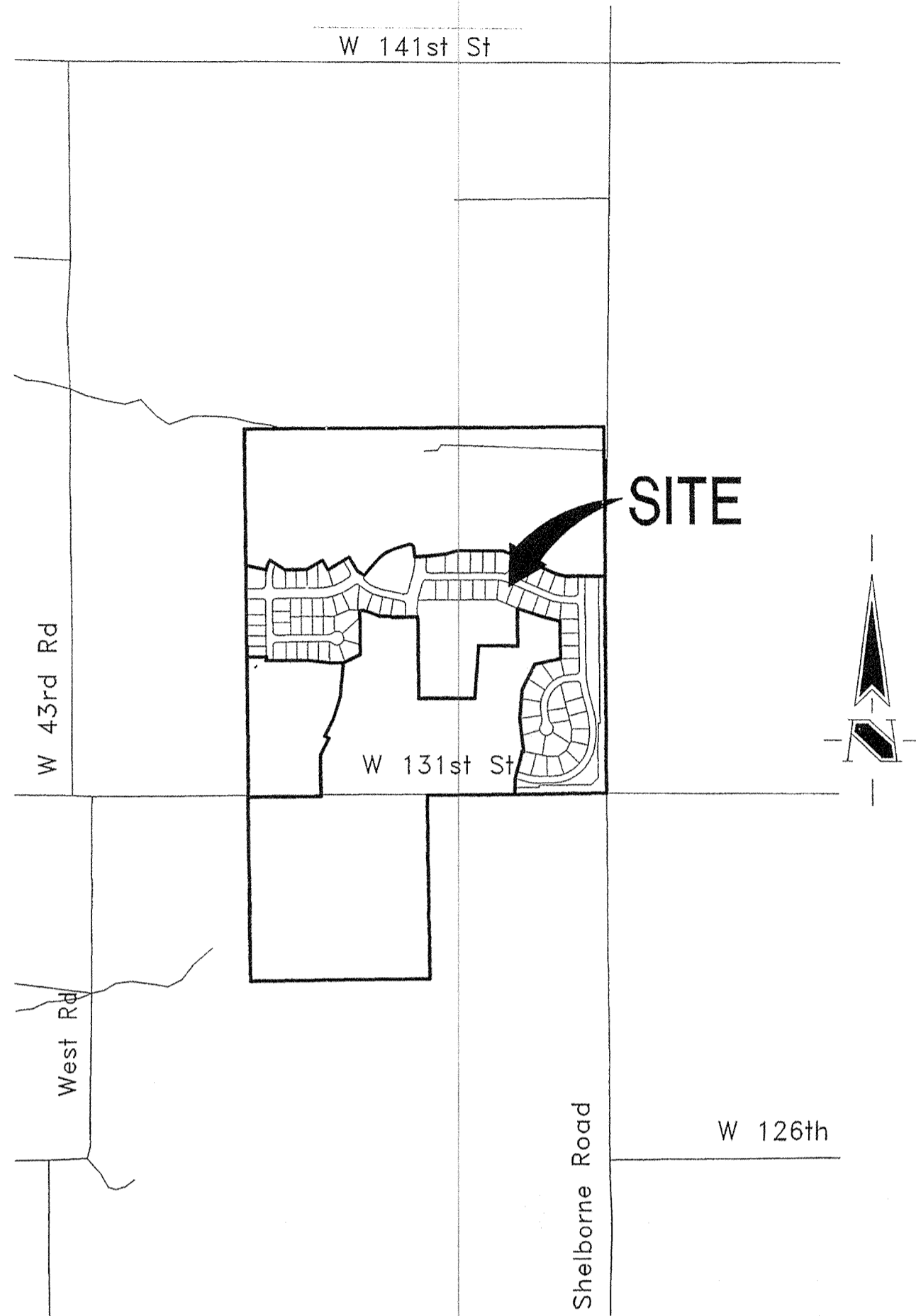
KCW/slm

CLAYBOURNE SECTION 2

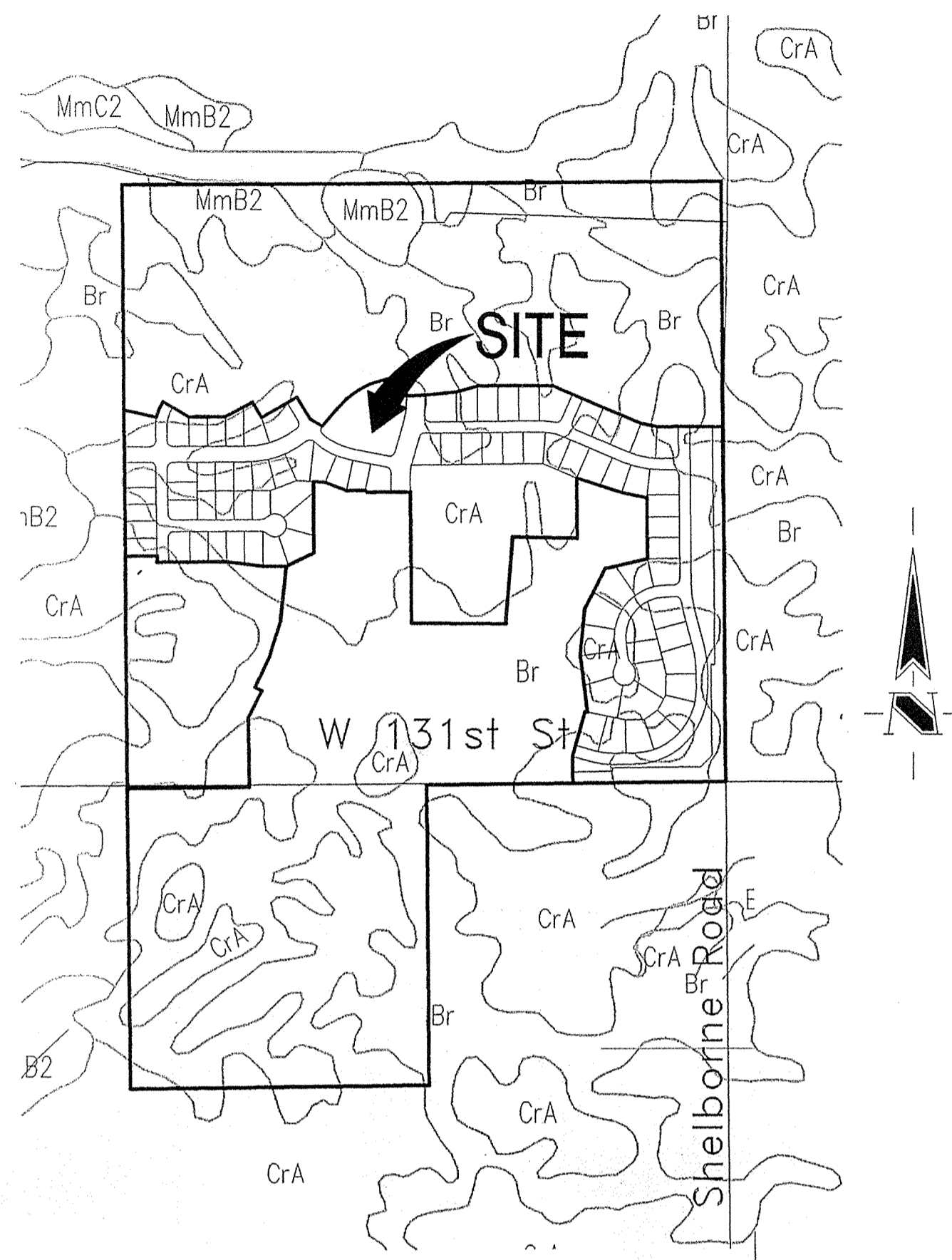
(RESIDENTIAL SUBDIVISION)

HAMILTON COUNTY CARMEL, INDIANA

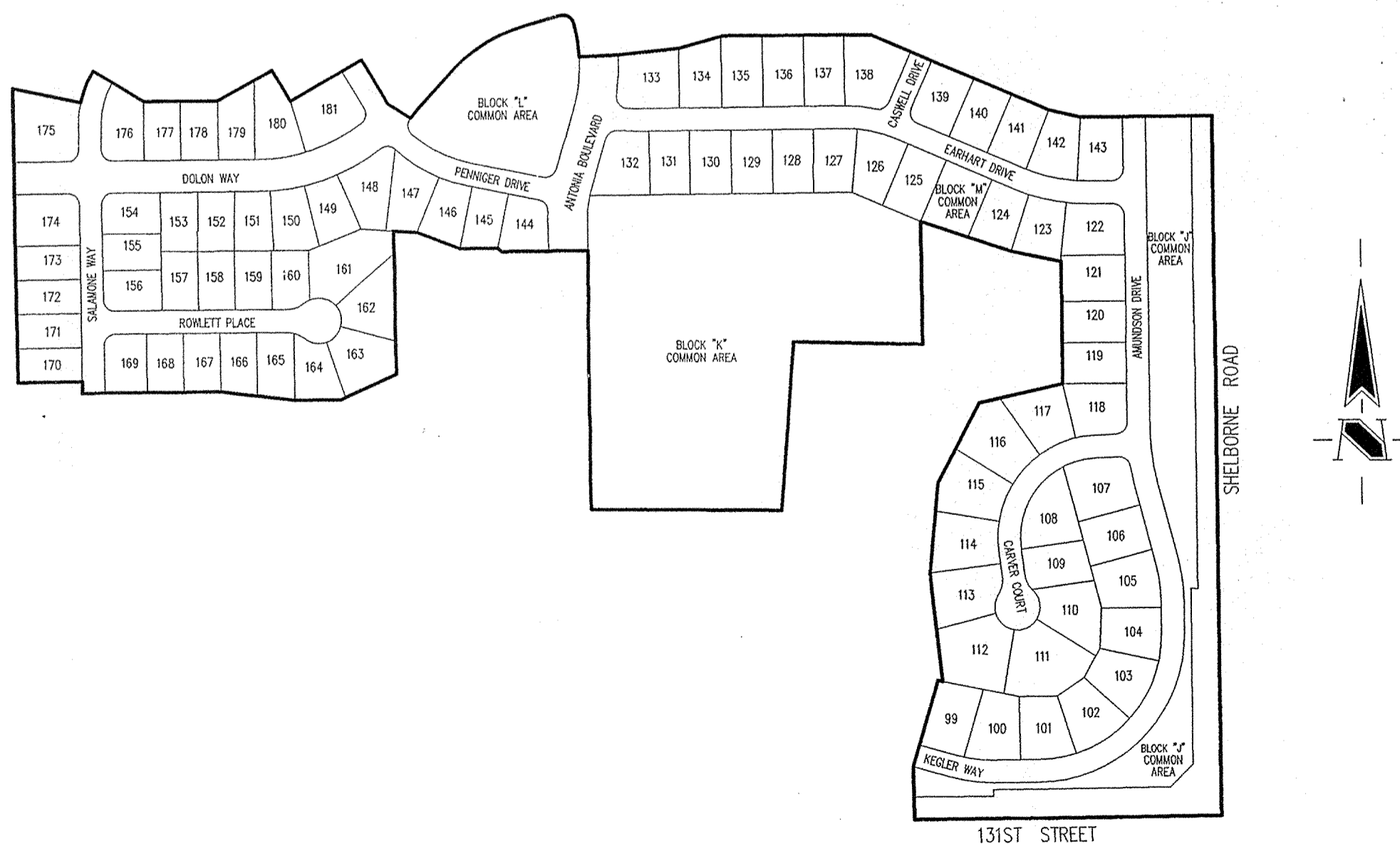
DEVELOPER:
BOOMERANG DEVELOPMENT, LLC
11911 LAKESIDE DRIVE
FISHERS, INDIANA 46038
13171 849-7607



AREA MAP
SCALE: 1"=1000'

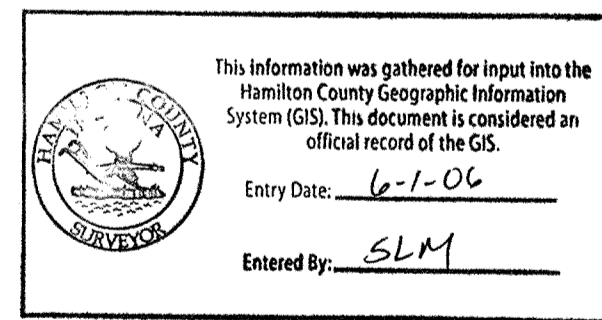


SOILS MAP
SCALE: 1"=600'



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

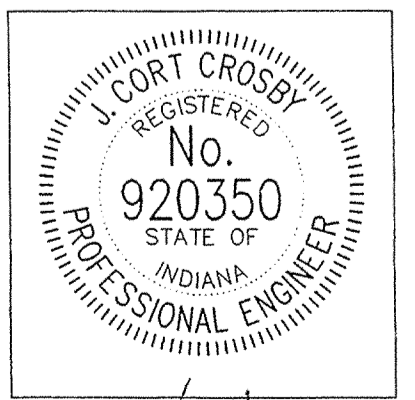
DATE:	BY:	DESCRIPTION:
08/05/03	DRP	C100, C106, C107, C108 & C109.
08/19/03	PRC	ALL SHEETS EXCEPT C109, C704, C802, C804 & ADDED NEW SHEETS C304 & C305.
09/02/03	PRC	C100, C304, C305, C704 & C801.

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

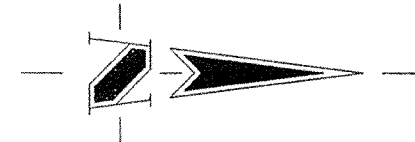


DATE: 4/23/04

RECORD DRAWING

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

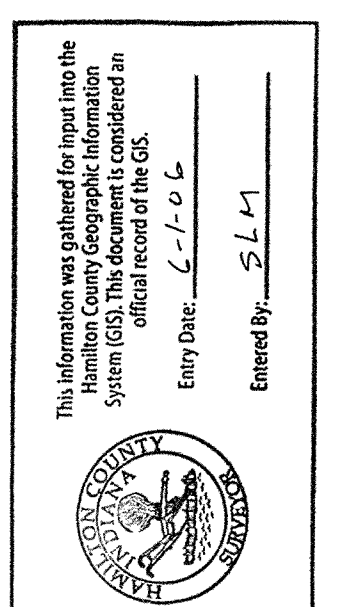
CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

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

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.

REVISIONS:
LDIP 08/19/03 REMOVE STORM SEWER

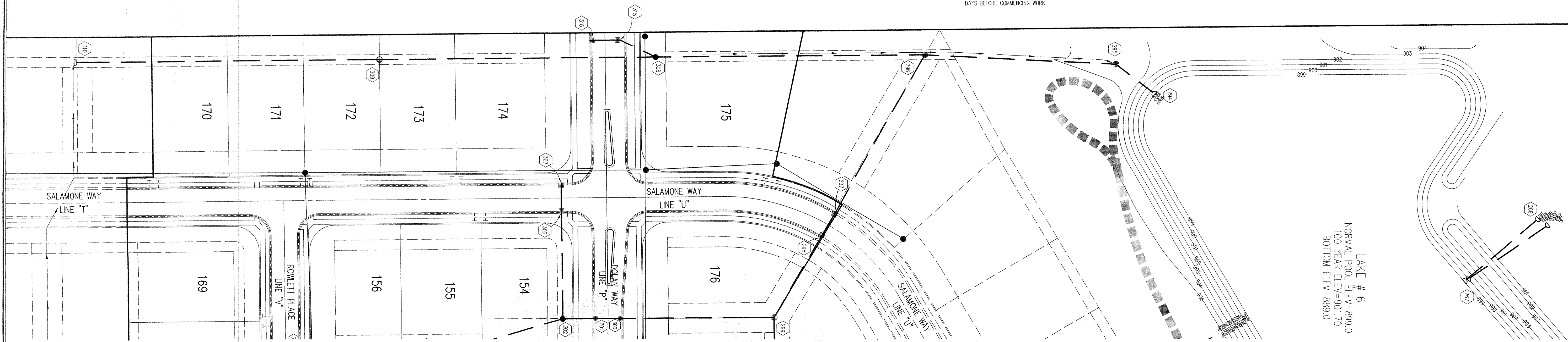


CERTIFIED REGISTERED
No. **920350**
STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE: 4/23/04

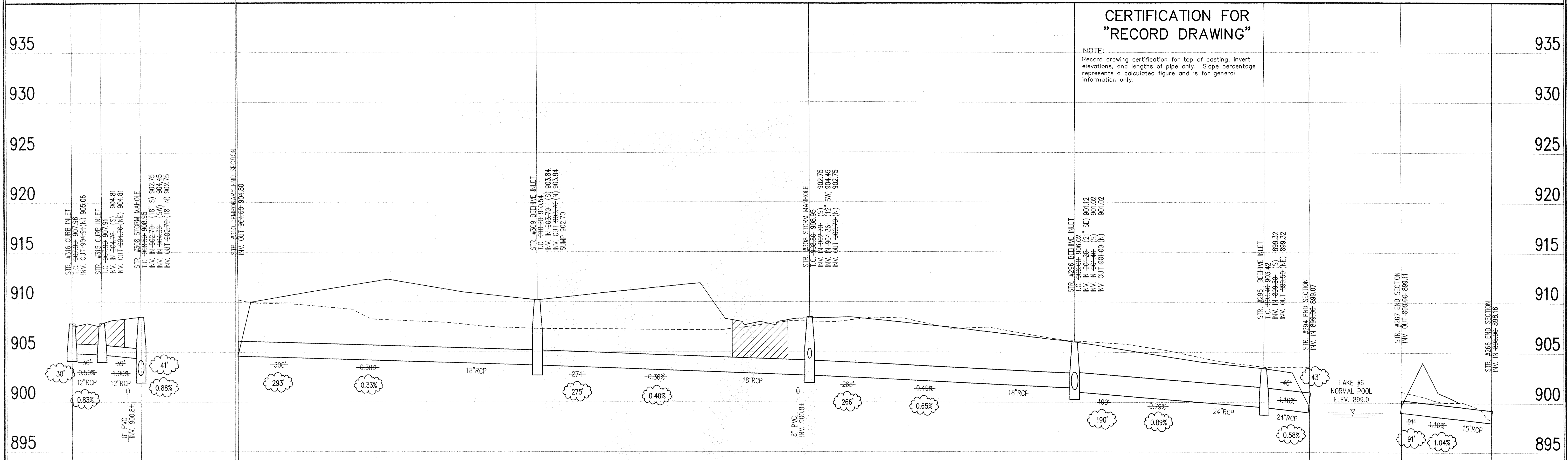
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STORM SEWER PLAN

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

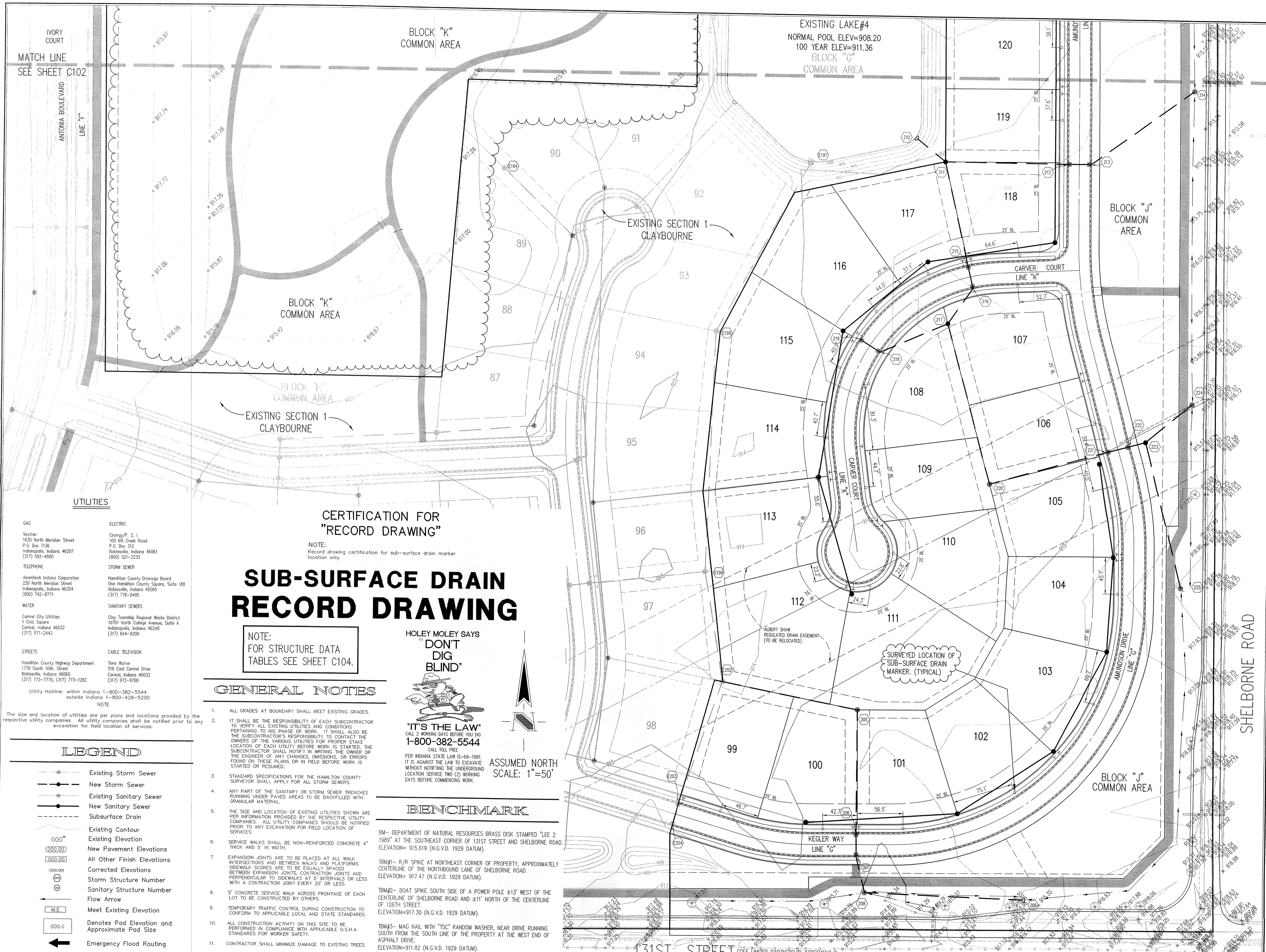
SCALE: HORZ.: 1"=50'
VERT.: 1"=5'

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: R:\3\3690\002\DWG\C801 R:\3\3690\002\DWG\C802\STORM R:\3\3690\001\DWG\001B R:\3\3690\002\DWG\002B 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
Amertech 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"

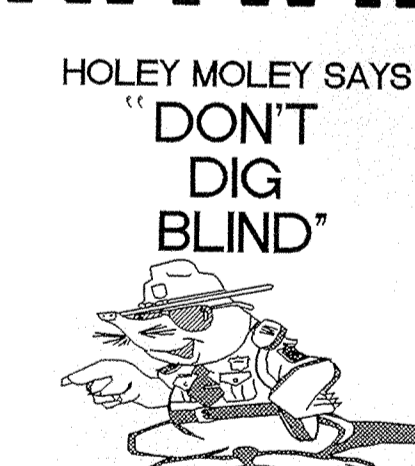
NOTE:
Record drawing certification for sub-surface drain marker location only.

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.



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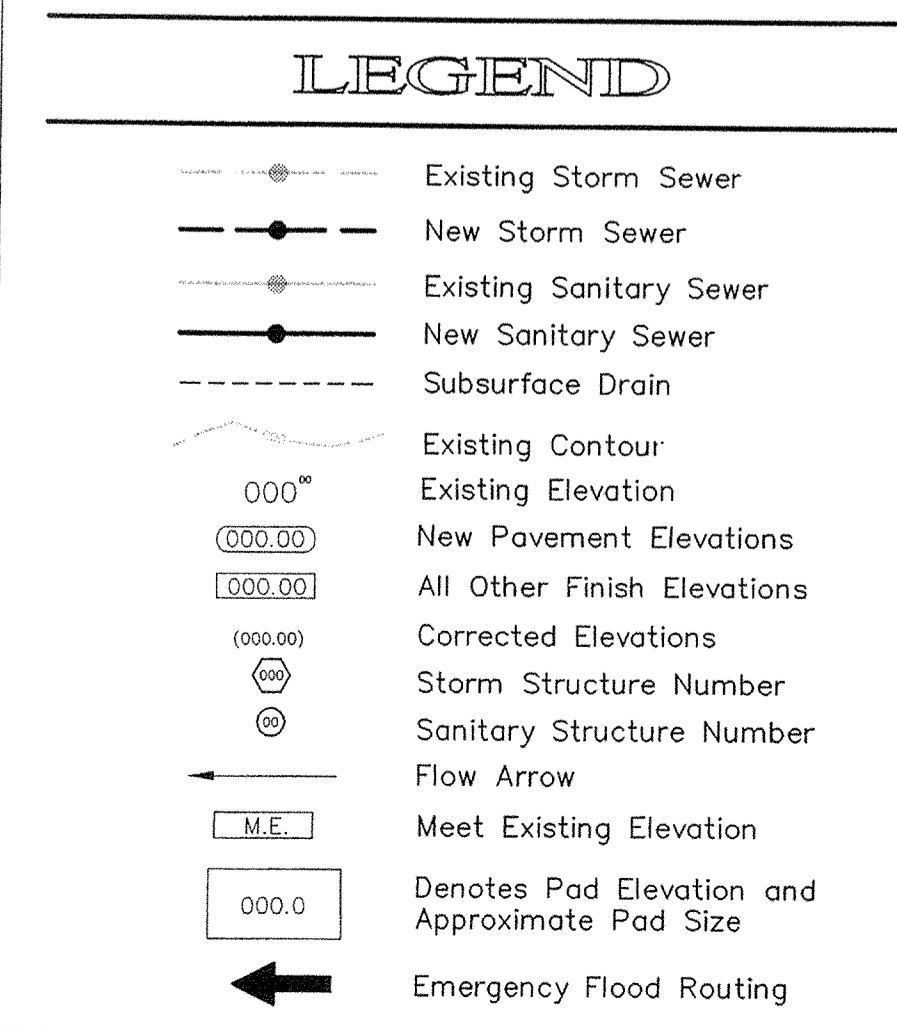
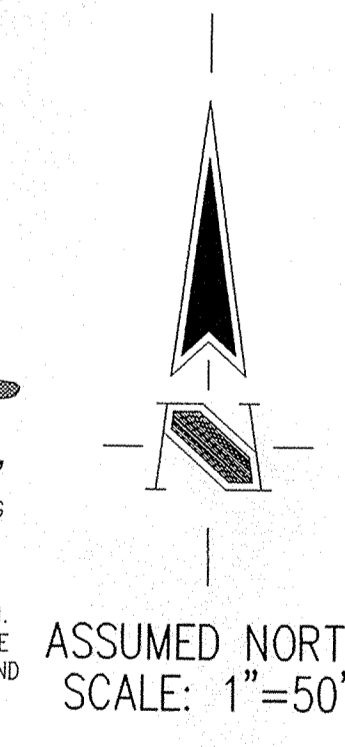
BENCHMARK

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. PRC 06/04/03 ADDED LINES & TRENCHES FOR WIDENING TO THE CORNER OF 131ST ST. & SHELBORNE RD. AND TO ADD CURB AND GUTTER TO THE EAST SIDE OF REEGER WAY/AMUNDSON DR. & ADD CURB AND GUTTER TO THE WEST SIDE OF REEGER WAY/AMUNDSON DR. & ADD CURB AND GUTTER TO THE WEST SIDE OF REEGER WAY/AMUNDSON DR. & 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 PROFESSIONAL ENGINEER
No. 920350
STATE OF INDIANA

DATE: 4/23/04

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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

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Interior Design
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Landscape Architecture
Transportation Engineering

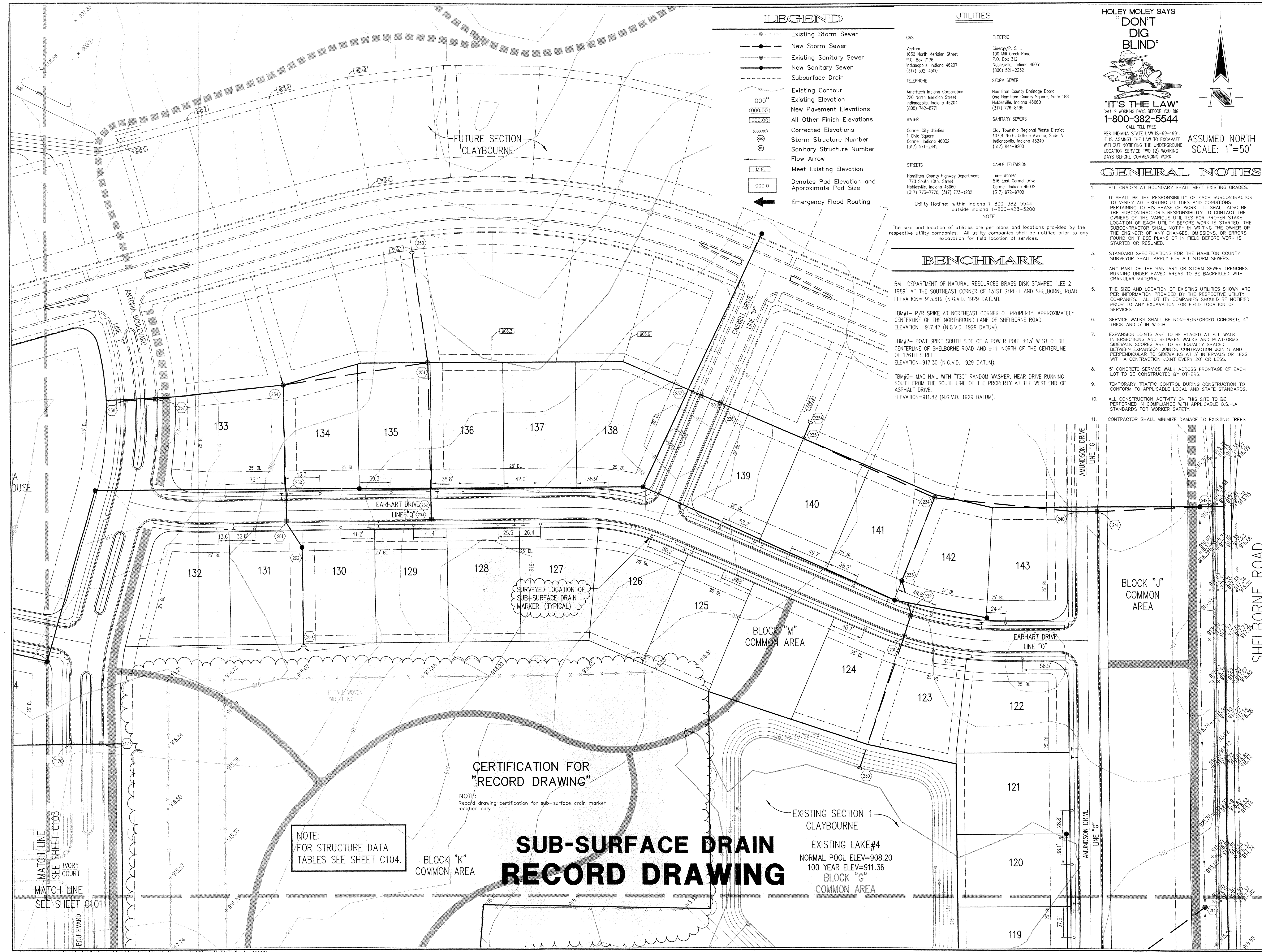
CLAYBOURNE SECTION 2

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\DWG\C101SSD
REF: 0025
R:\3690\002\DWG\002BLS
REF: R:\3690\001\DWG\001BLS
R:\3690\002\DWG\003BS
REF: R:\3690\001\DWG\001BS
R:\3690\002\DWG\001BLS
REF: R:\3690\001\DWG\001BLS

SHEET NO: **C101**



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

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) 742-6771
- 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
- NOTE**
- 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

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
& REMOVE WALK OR DRIVEWAY TO
THE NORTH & REPAVED WALK ON EAST SIDE OF AMUNDSON DR. ADJUSTED THE
GRADE OF SANITARY MAIN 38 TO 10."

ASSUMED NORTH SCALE: 1"=50'

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.

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).
- BM#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).
- BM#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).
- BM#3- MAG NAIL WITH "TSC" RANDOM WRAPPER, 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).

CERTIFICATION FOR "RECORD DRAWING"

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

SUB-SURFACE DRAIN RECORD DRAWING

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

NOTE:
FOR STRUCTURE DATA TABLES SEE SHEET C104.

REVISIONS:
1. PRC 06/04/03
2. PRC 06/04/03
3. PRC 06/04/03

Hamilton County Geographical Information System
Official Record of the ICS

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

REGISTERED PROFESSIONAL ENGINEER
No. 920350
STATE OF INDIANA

DATE: 4/23/04

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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\CS1105.DWG
XREF: R:\3690\002\DWG\002LS.DWG
XREF: R:\3690\001\DWG\001BS.DWG
XREF: R:\3690\003\DWG\003BS.DWG
XREF: R:\3690\001\DWG\3690001T.DWG
XREF: R:\3690\002\DWG\002LS.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
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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".

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Entry Date: 6/7/04
Entered By: S-L-T

COURT CROBIE
REGISTERED
No. 920350
STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE: 4/23/04
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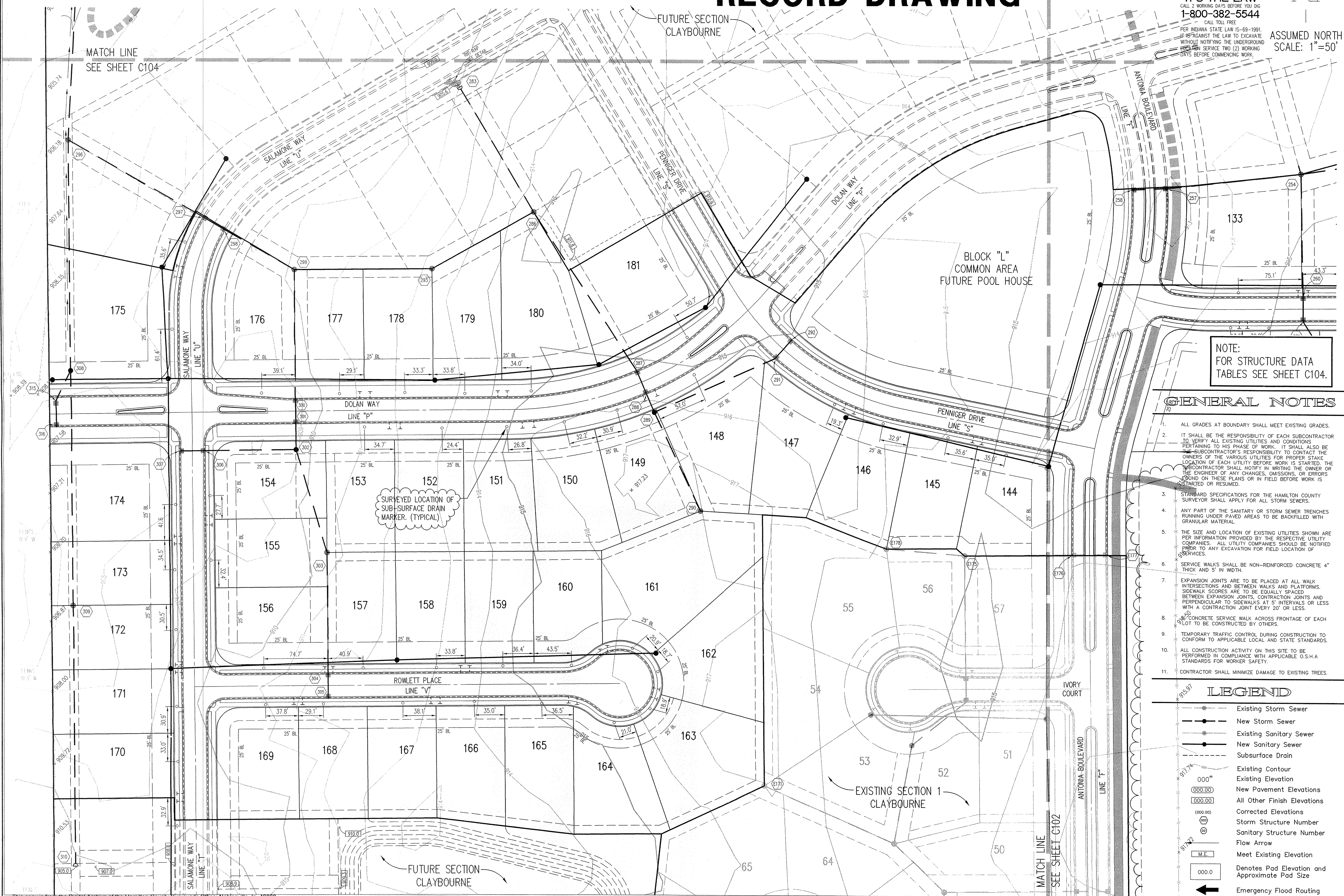
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CLAYBOURNE SECTION 2

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
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SHEET NO.:
C103



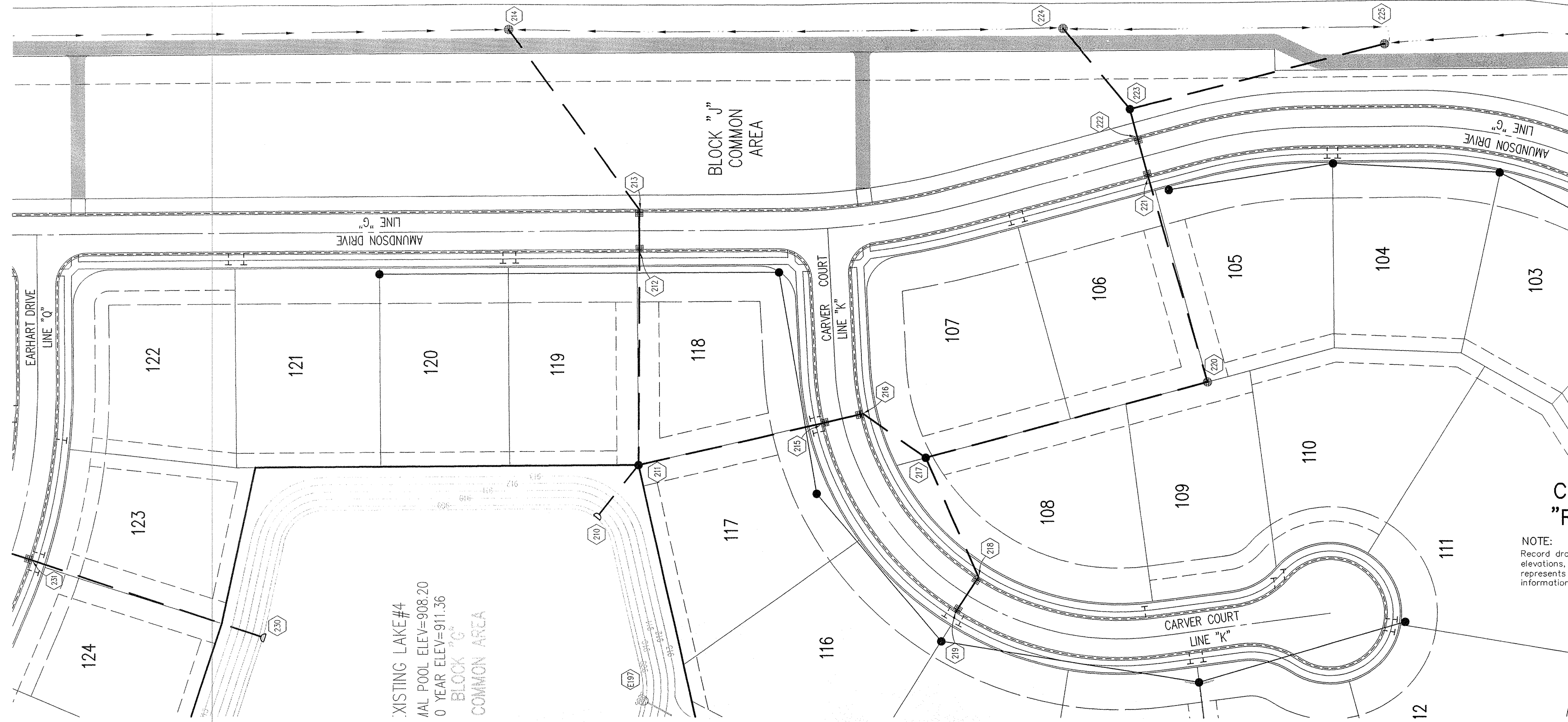
NOTE:
FOR STRUCTURE DATA
TABLES SEE SHEET C104.

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- 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



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

- GENERAL NOTES**
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 - 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"

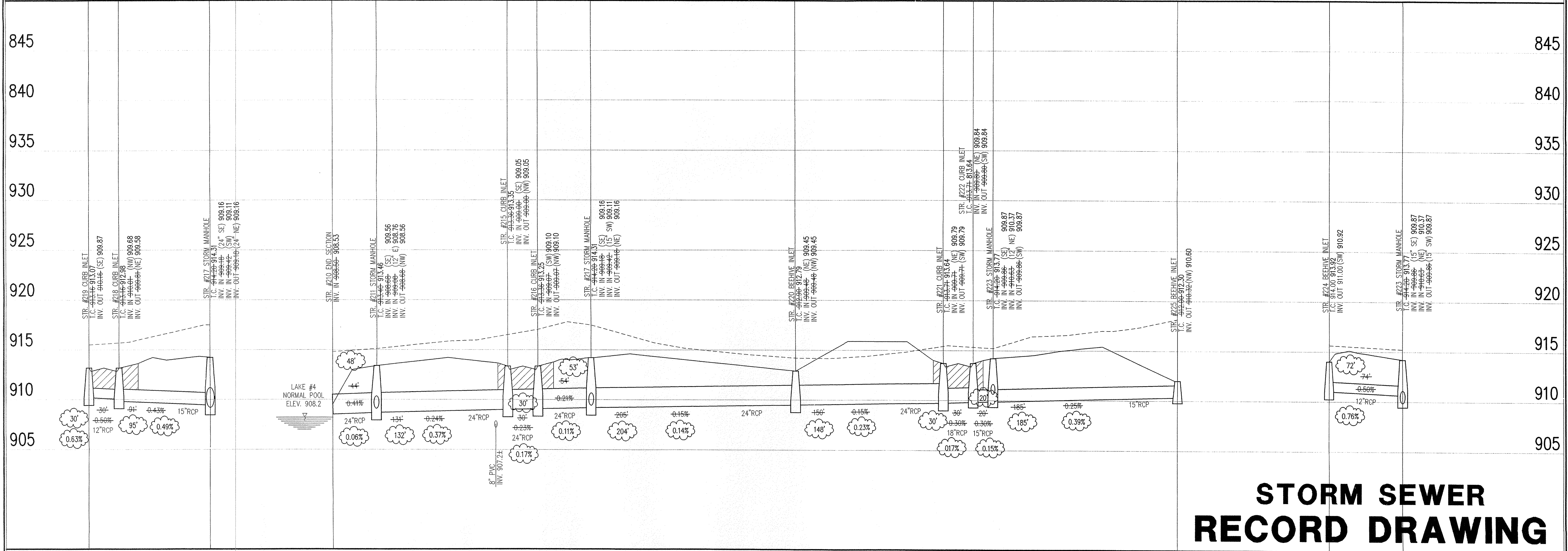
NOTE:
 Record drawing certification for top of coating, invert elevations, and lengths of pipe only. Slope percentage represents a calculated figure and is for general information only.

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

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Entered By: SLM
 Entered By: SLM

REGISTERED PROFESSIONAL ENGINEER
 No. 920350
 STATE OF INDIANA

DATE: 2/2/04

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CLAYBOURNE SECTION 2

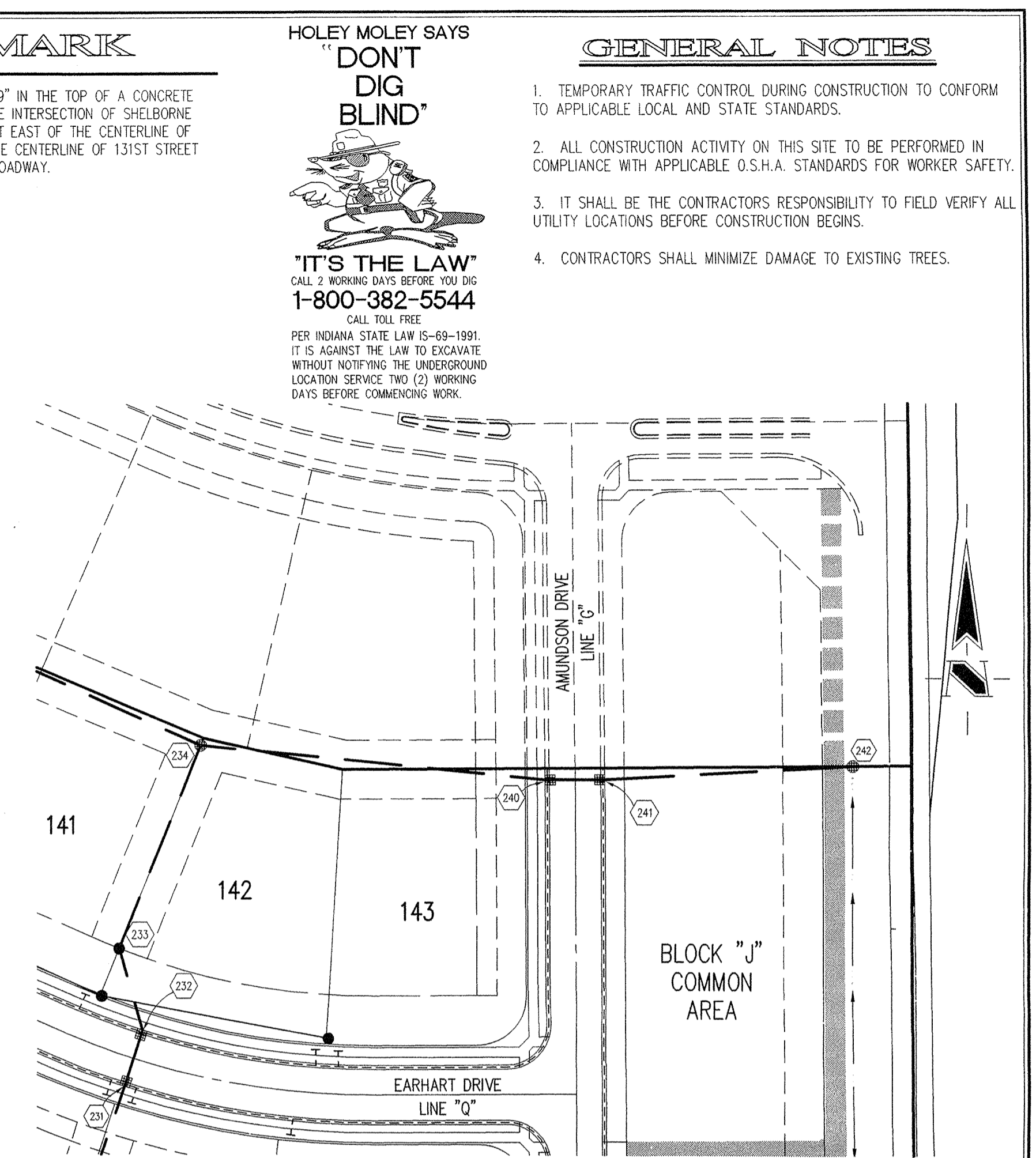
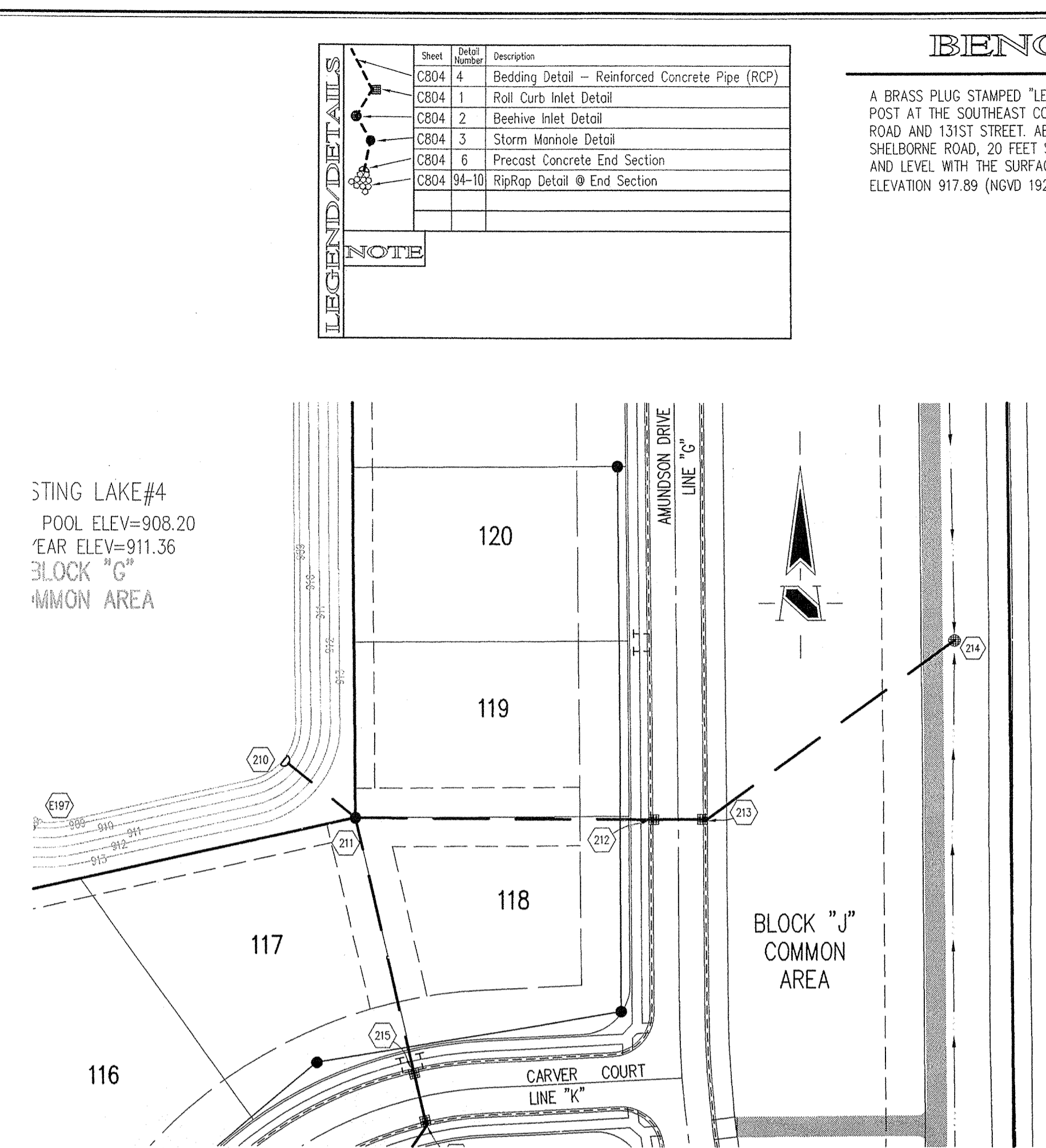
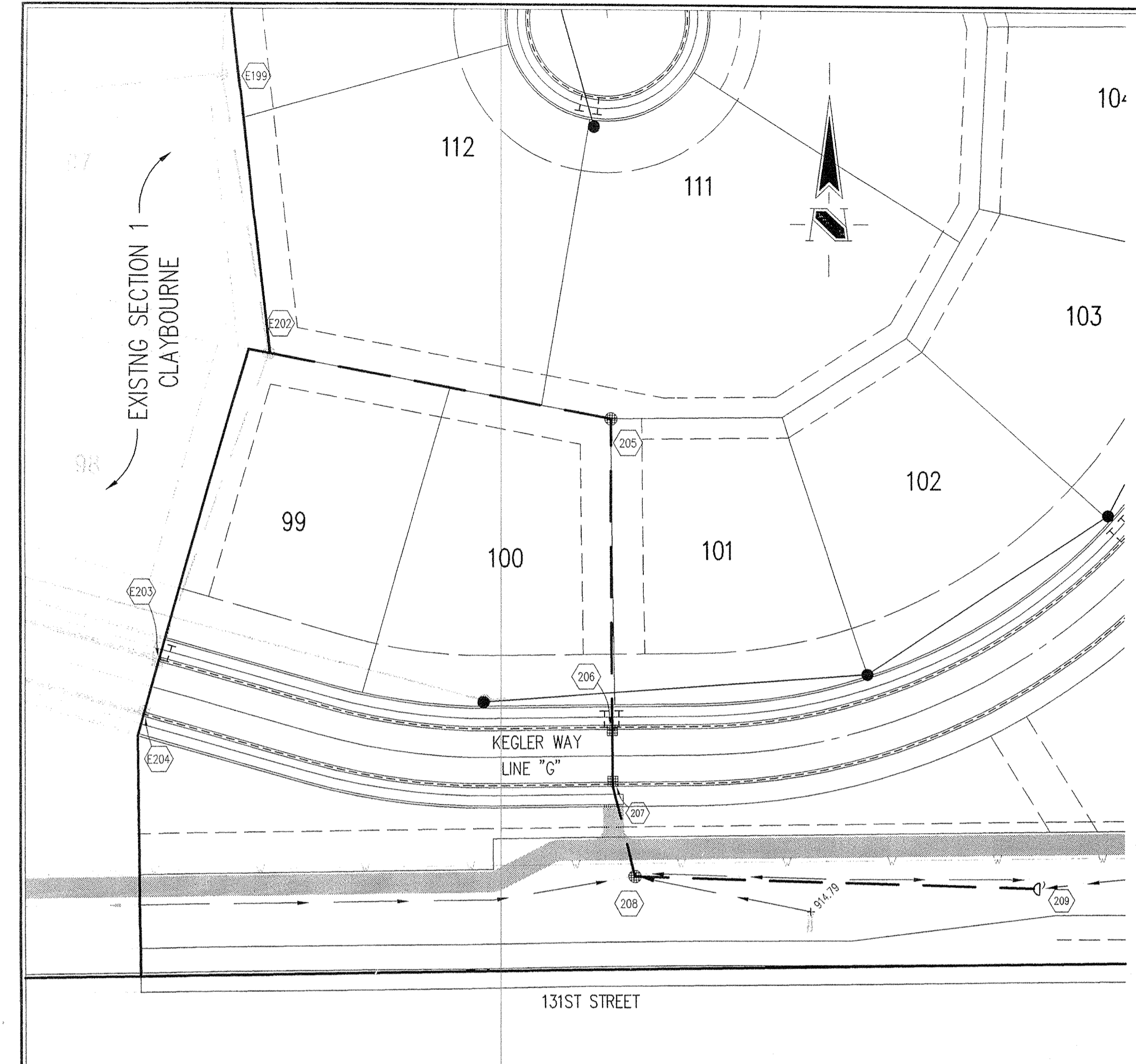
CARMEL, INDIANA
BOOMERANG DEVELOPMENT, LLC
 FISHERS, INDIANA

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\0601
 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**

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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)

HOLEY MOLEY SAYS
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1-800-382-5544

CALL TOLL FREE
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 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

GENERAL NOTES

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- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

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Entry Date: 4-1-03
 Entered By: SLM

CURT CROSS
 REGISTERED
 No. 920350
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DATE: 2/23/04

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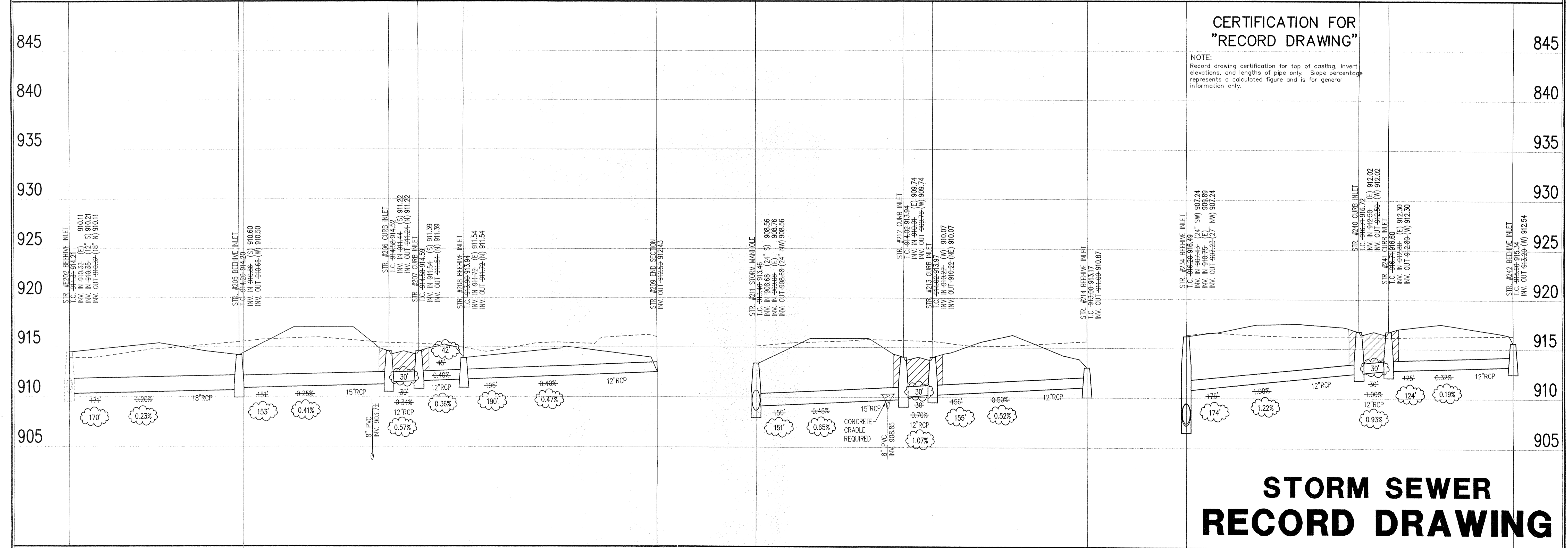
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STORM SEWER PLAN

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: R:\3690\002\DWG\C601 XREF: R:\3690\002\DWG\STORM XREF: R:\3690\001\DWG\0005 XREF: R:\3690\002\DWG\0005 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

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- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

LEGEND DETAILS

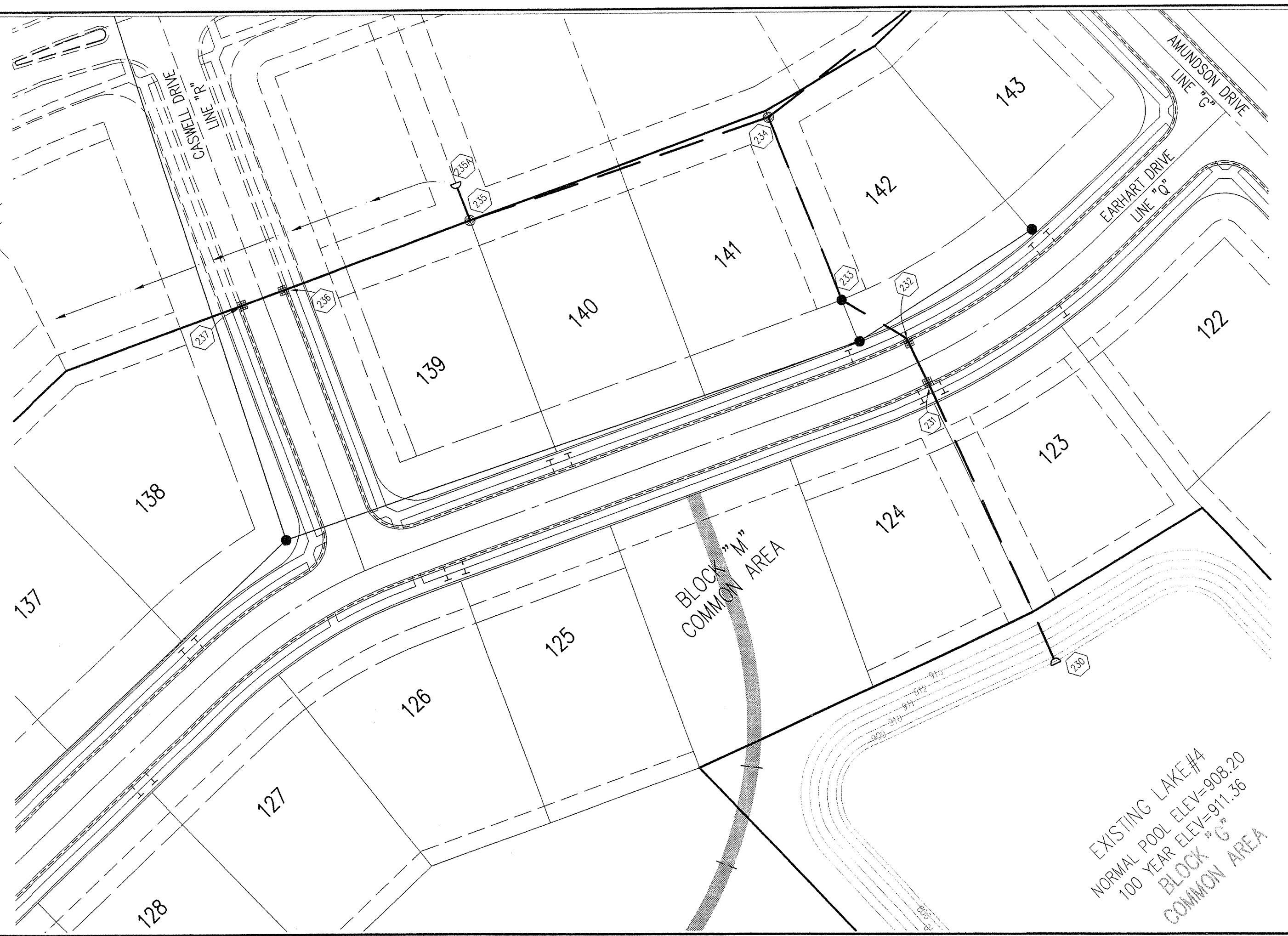
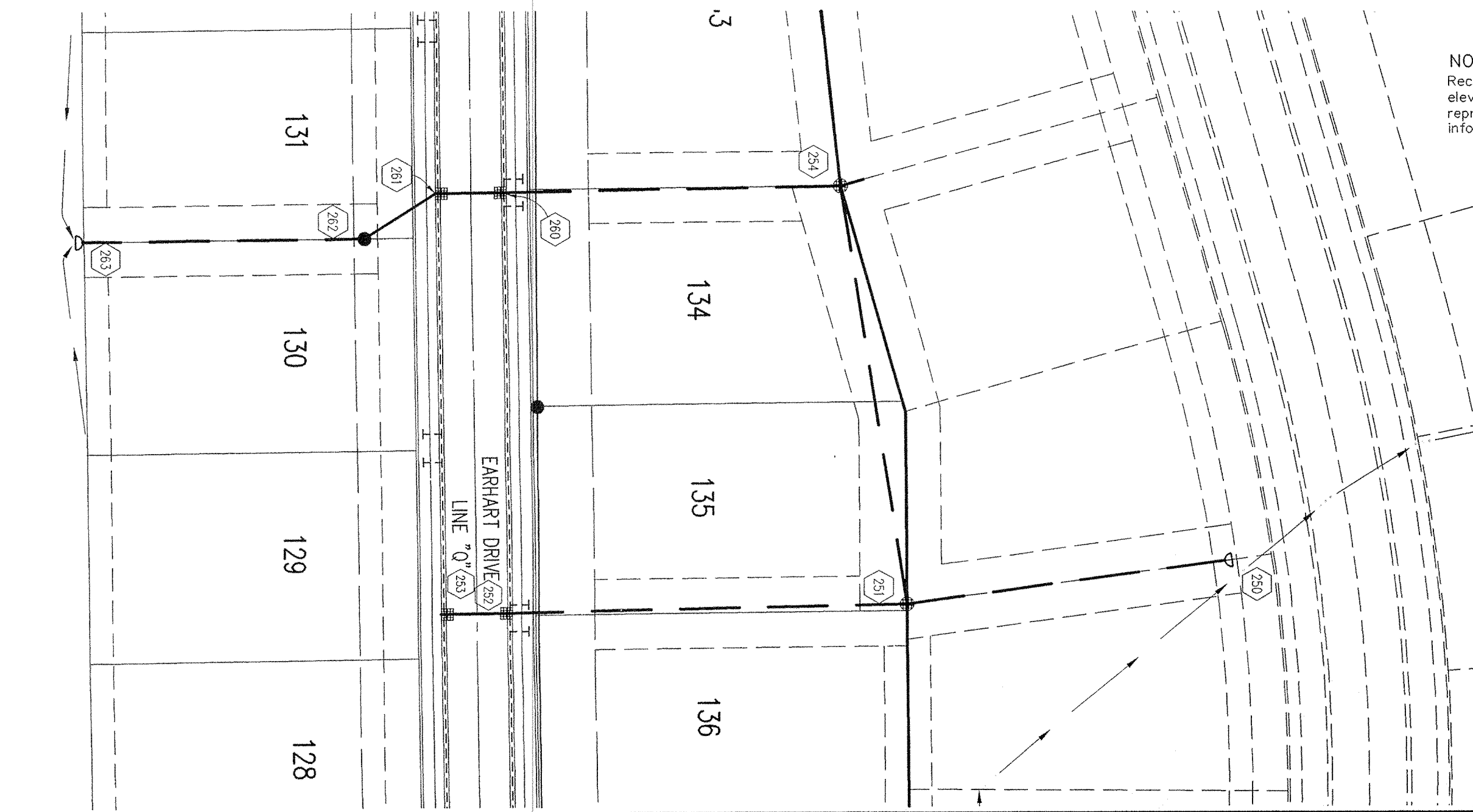
Sheet	Detail Number	Description
C804	4	Bedding Detail - Reinforced Concrete Pipe (RCP)
C804	1	Rail Curb Inlet Detail
C804	2	Beehive Inlet Detail
C804	3	Storm Manhole Detail
C804	6	Precast Concrete End Section
C804	94-10	RipRap Detail @ End Section

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.

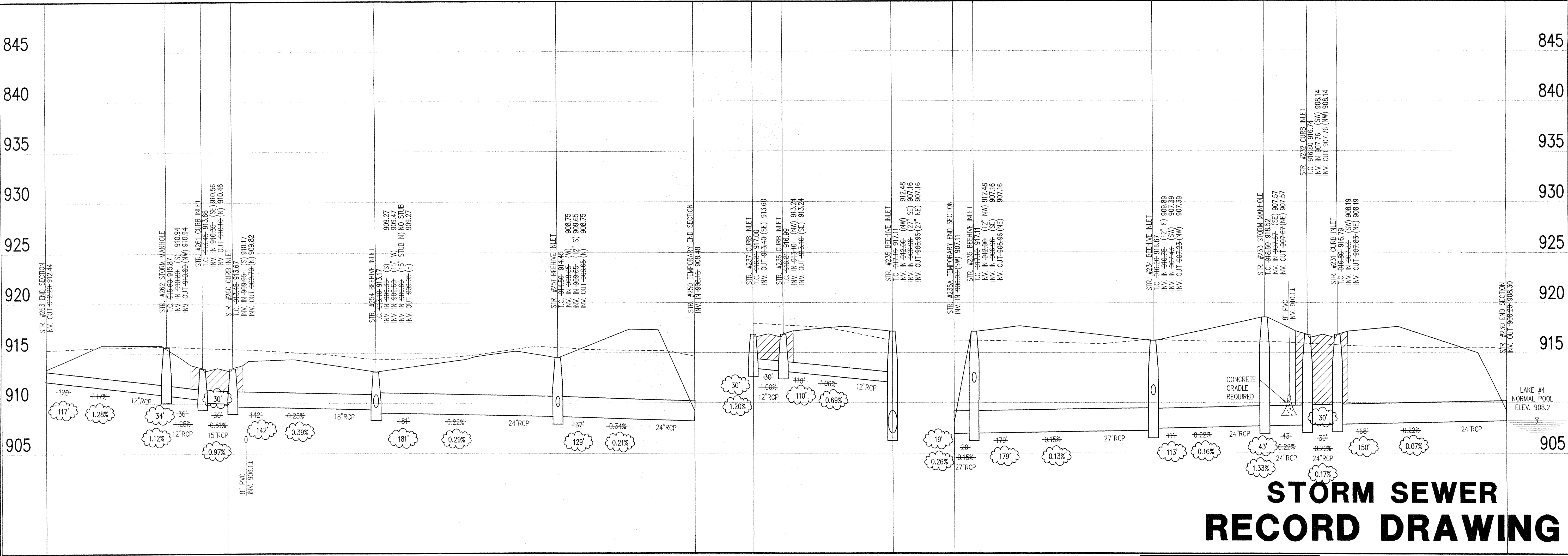
HOLEY MOLEY SAYS "DON'T DIG BLIND"

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STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER RECORD DRAWING

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

SCALE: $\frac{\text{HORZ.}: 1"=50'}{\text{VERT.}: 1"=5'}$

REVISIONS: LUMP 08/15/00 REUSE STORM SEWER

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DATE: 8/23/00
Entered By: SLM

REGISTERED PROFESSIONAL ENGINEER
No. 920350
STATE OF INDIANA

DATE: 8/23/00

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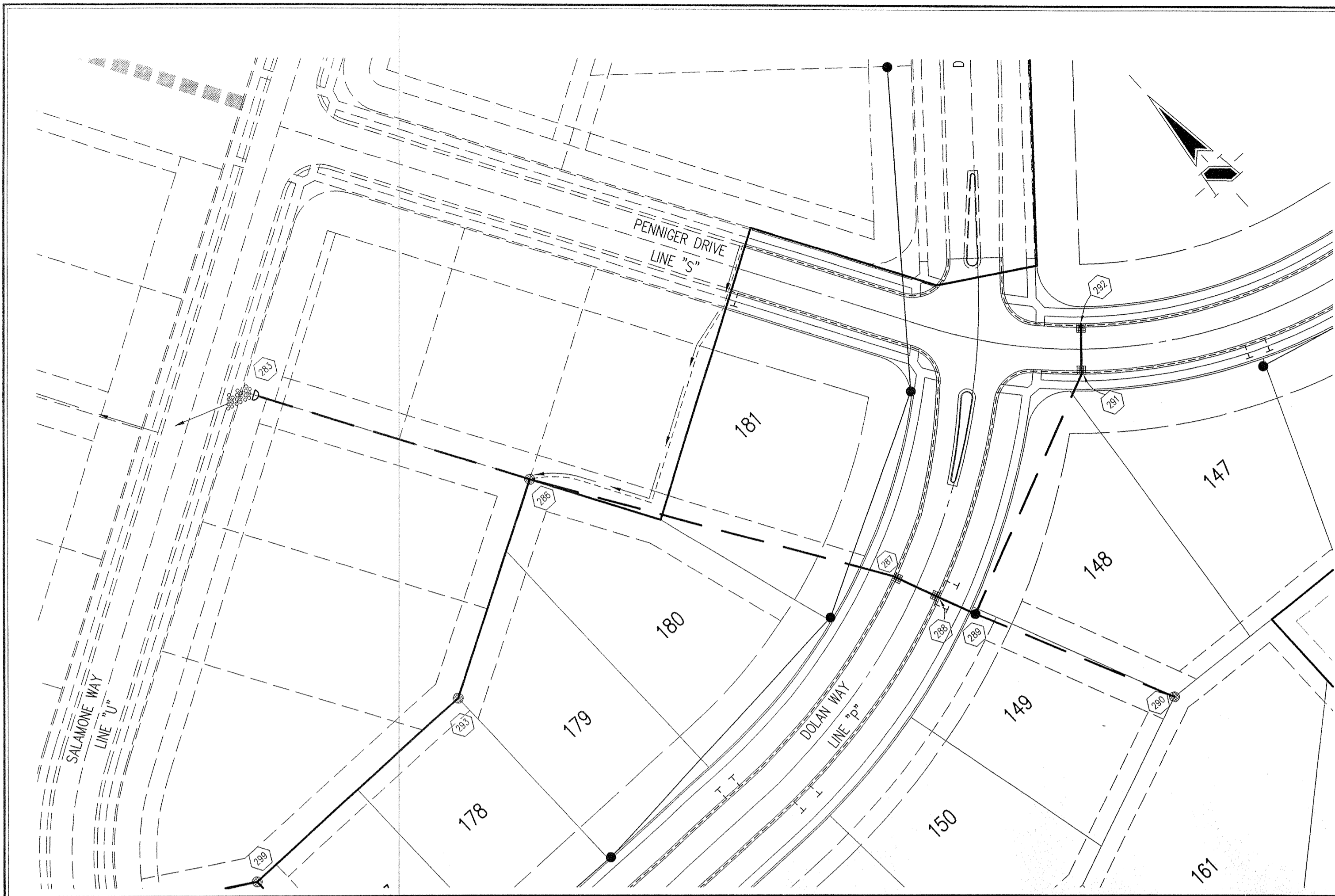
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Environmental Engineering
Geotechnical Services
GIS + LIS
Home Builder Services
Interior Design
Land Surveying
Landscape Architecture
Transportation Engineering

CLAYBOURNE SECTION 2

GARIBOLDI, INDIANA
BOOMBRANG 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\DWGS\0501
XREF: R:\3K\3690\002\DWGS\STORM
XREF: R:\3K\3690\001\DWGS\001B5
XREF: R:\3K\3690\002\DWGS\002B5
XREF: R:\3K\3690\003\DWGS\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 15-69-1891,
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

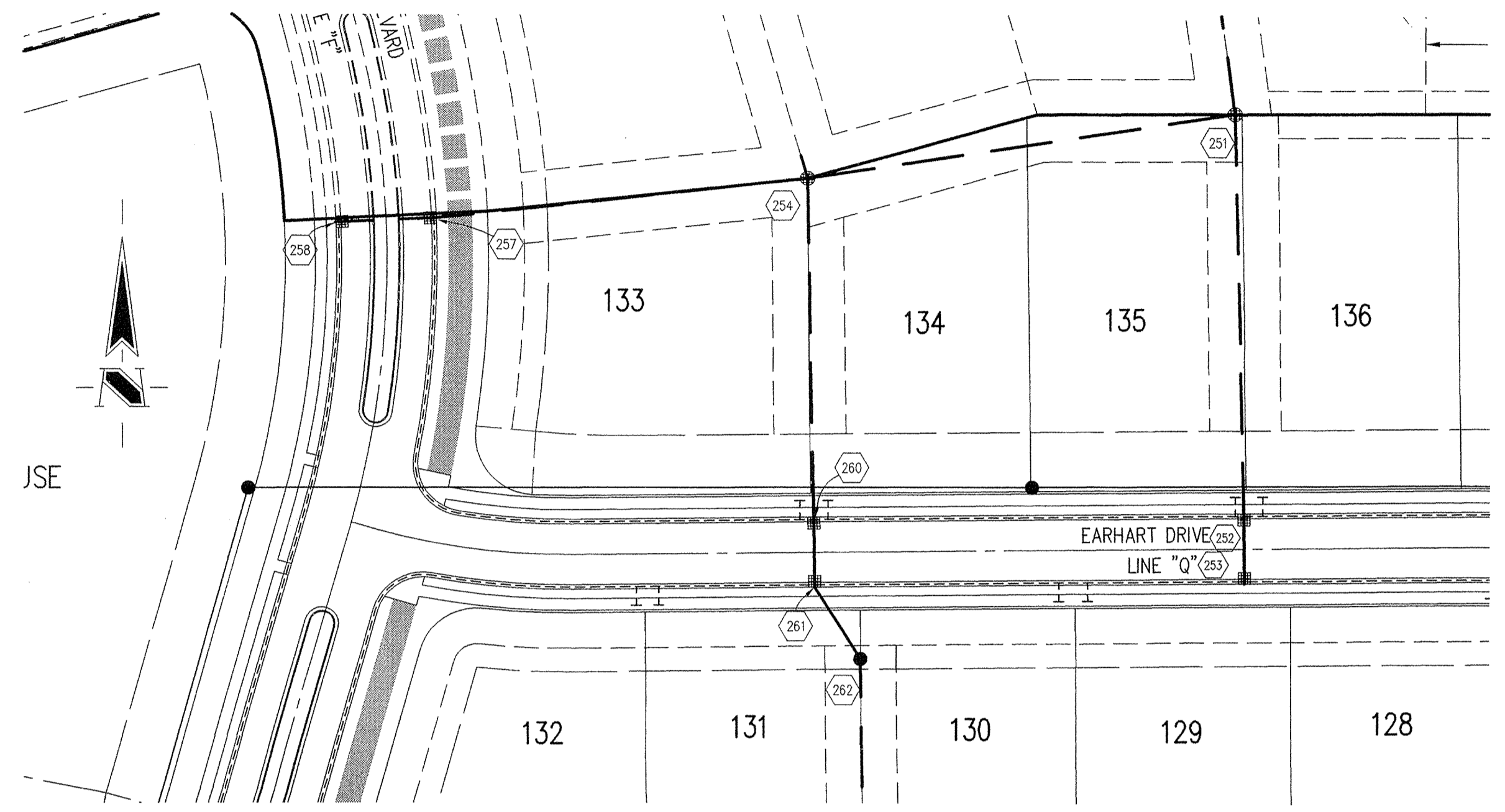
BENCHMARK

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	Detail	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

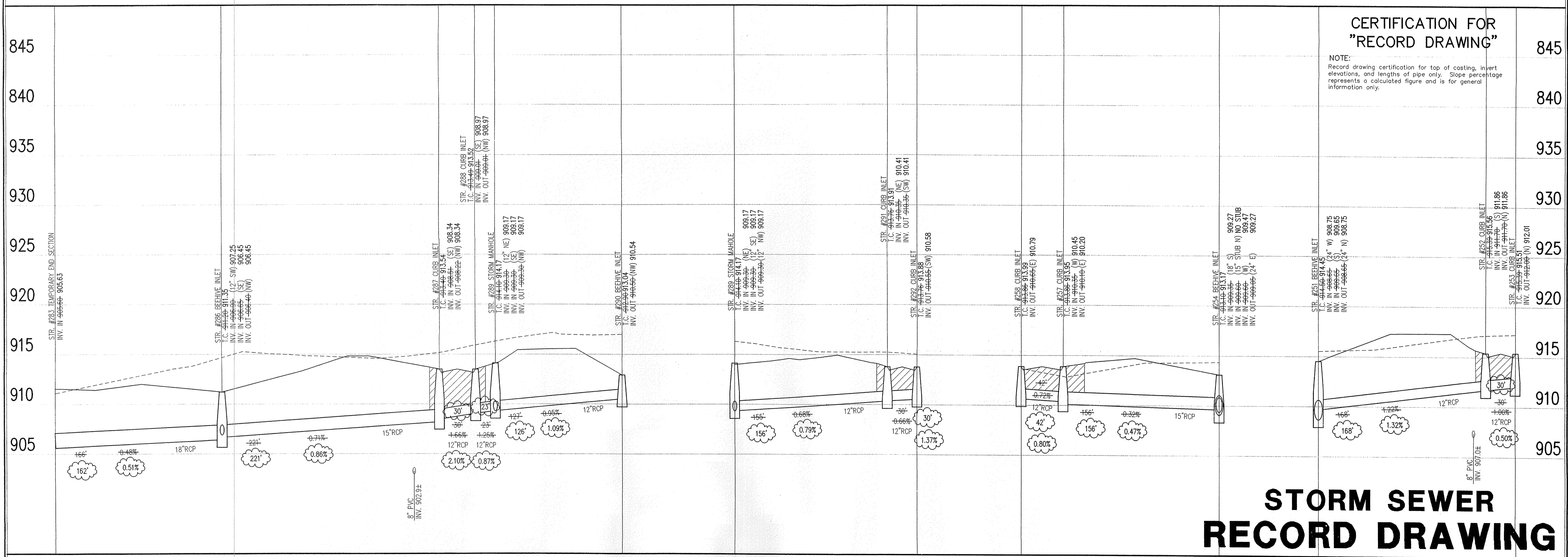
GENERAL NOTES

- 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

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

COURT CROSSBY
 REGISTERED
 No. 920350
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DATE: 4/23/04

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Schneider

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 Transportation Engineering

CLAYBOURNE SECTION 2

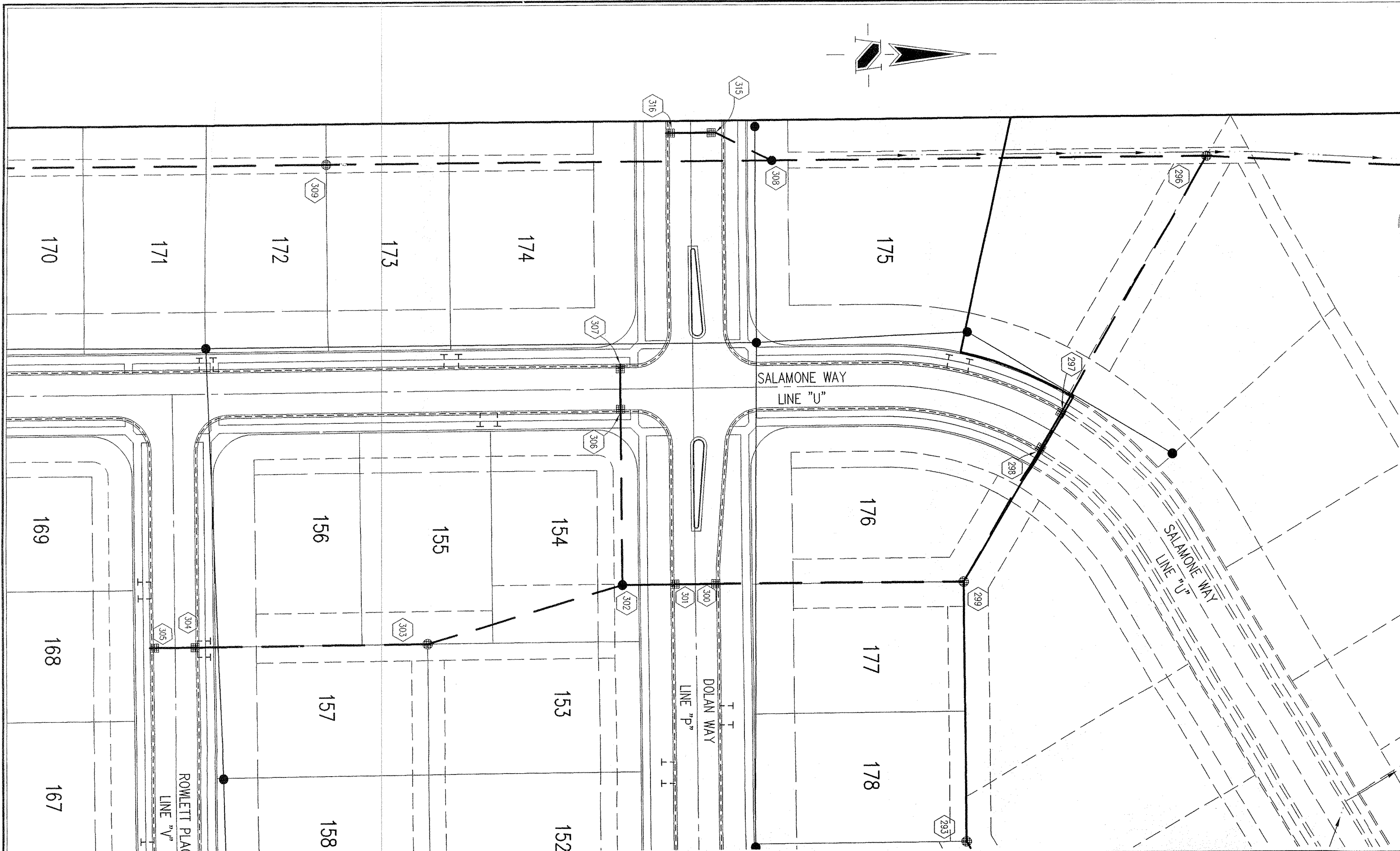
CARMEL, INDIANA

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:
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 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**



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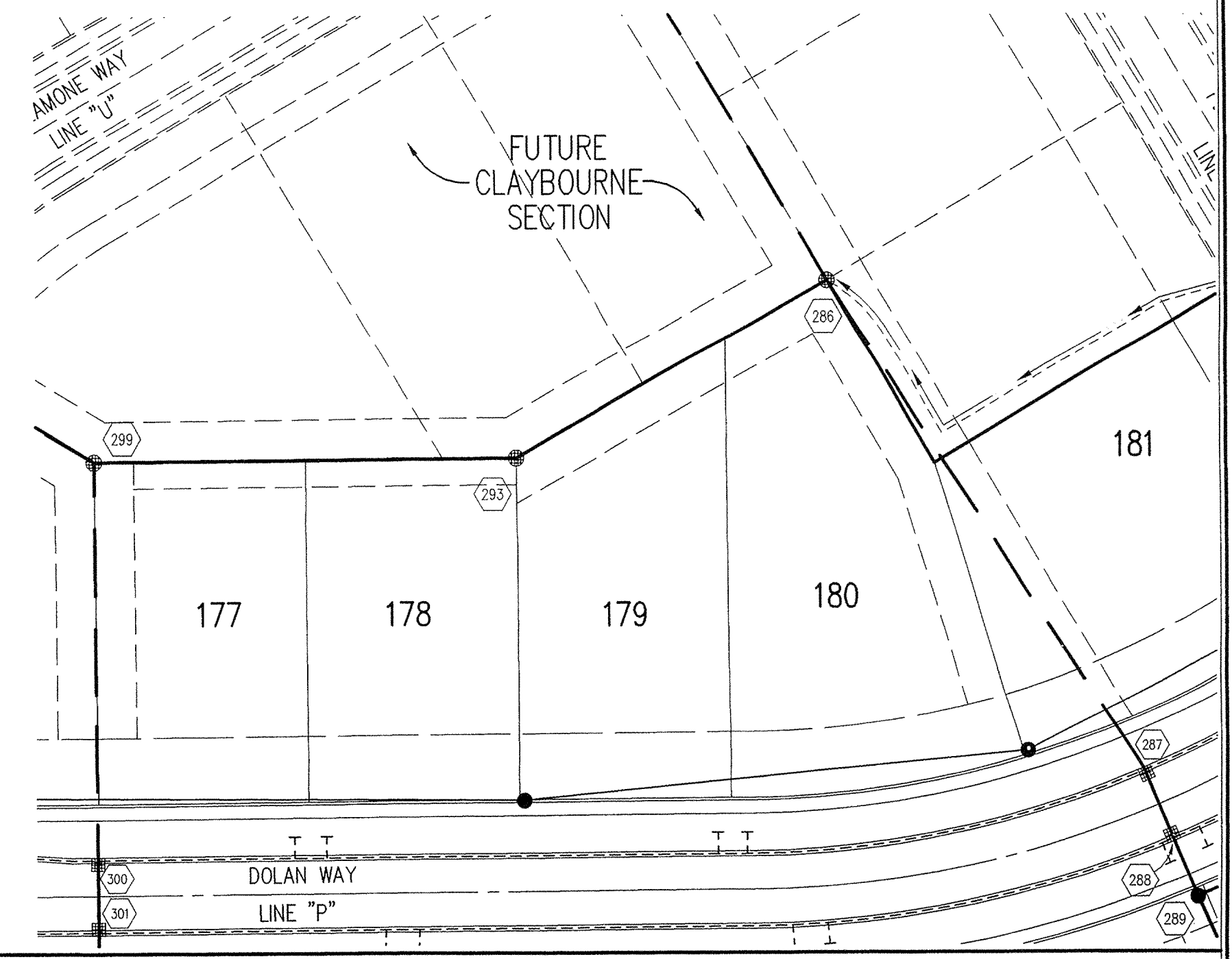
Sheet	Detail Number	Description
C804	4	Bedding Detail - Reinforced Concrete Pipe (RCP)
C804	1	Roll Curb Inlet Detail
C804	2	Beehive Inlet Detail
C804	3	Storm Manhole Detail
C804	6	Precast Concrete End Section
C804	94-10	RipRap Detail @ End Section

NOTE: LEGEND DETAILS

- GENERAL NOTES**
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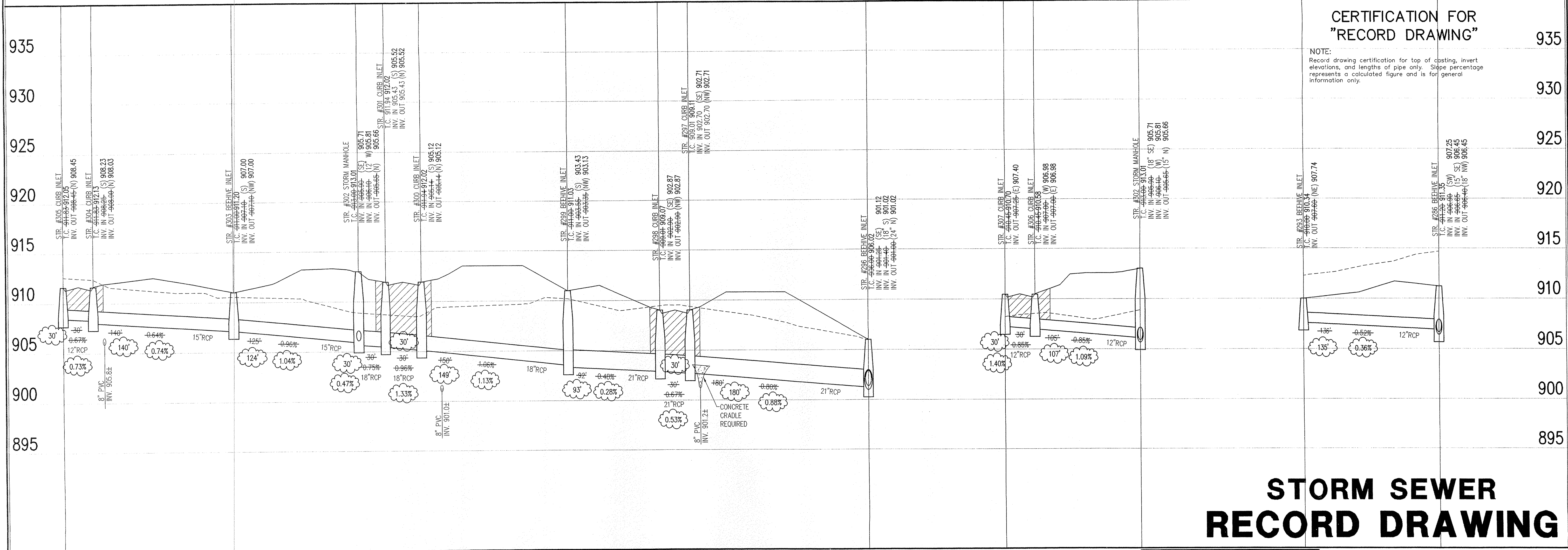
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 ELEVATION 917.89 (NGVD 1929)



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'

REVISIONS:
 (1) PIPING (15) REVERSE 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 GIS. Entry Date: 6/1/03 Entered By: SLA

CURT CROSBY
 No. 920350
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DATE: 6/1/03

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CLAYBOURNE SECTION 2

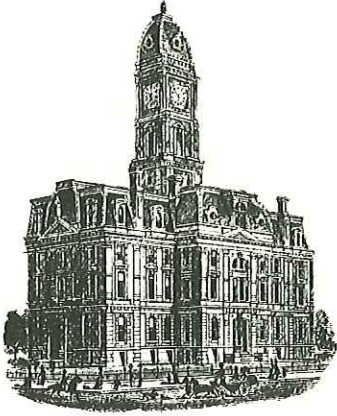
CARMEL, INDIANA
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DATE: 06/04/03 PROJECT NO.: 3690.002
 DRAWN BY: DRP CHECKED BY: JCC
 SHEET TITLE: STORM SEWER PLAN

DRAWING FILES:
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 R:\JK\3690\001\DWG\CS\001B5
 R:\JK\3690\001\DWG\CS\002B5
 R:\JK\3690\003\DWG\CS\003B5

SHEET NO.: **C605**

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Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

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

Map Correction-Field Verification

Drain Number: #70

Drain Length: 5574

Drain Name: Claybourne Section 2

Change + / - : -190

Date: 02-13-2015

New Length: 5384

Verified By: SLM, GRH

Notes & Sketch:

The 12" RCP between structures 209 and 208 is no longer functioning. The pipe was filled in with the roundabout instillation at 131st & Shelbourne. The pipe was never reflected on the plans done by the City of Carmel (project no. 06-21). Grey Hoyes noticed the change on the orthophotography and conducted a field investigation.


Suzanne L. Mills
GIS Specialist



This map was compiled by the Hamilton County Surveyor's Office. Although strict accuracy standards have been employed in the compilation of this map, Hamilton County does not warrant or guarantee the accuracy of the information contained herein and disclaims any and all liability resulting from any error or omission in this map.

CLAYBOURNE SEC. 2

Printing Date: 1/9/2015
 Prepared By: Suzanne Mills, GISP
 Hamilton County Surveyor's Office
 One Hamilton County Square, Ste 188
 Noblesville, IN 46060
 317-776-8495

