

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

October 23, 2006

To: Hamilton County Drainage Board

Re: Spring Mill Run Drain, Laurel Ridge Arm

Attached is a petition filed by Laurel Ridge, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Laurel Ridge Arm, Spring Mill Run 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:

12" RCP 1491 feet	15" RCP 1136 feet	18" RCP 941 feet
21" RCP 510 feet	6" SSD 5149 feet	8" SSD 261 feet
66" CMP 80 feet	7' x 12' Elliptical CMP 40 feet	Open Ditch 1470 feet

The total length of the drain will be 11,078 feet.

Part of the open ditch and 7' by 12' elliptical CMP listed above is the Spring Mill Run ditch from the western Right of Way line (end of CMP) on Ditch Road to the southern boundary of Laurel Ridge Subdivision. The 66" CMP listed above is the road culvert that brings a large off-site watershed area thru Pond #2 and #3 in Laurel Ridge and into the remaining portion of open ditch that outlets into Spring Mill Run ditch. This pipe is located approximately 530 feet south of the Spring Mill Run pipe.

The retention pond (Pond #1) located in Common Area "A" and retention ponds (Pond #2 and Pond #3) located in Common Area "B" are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal, and erosion control along the banks as part of the regulated drain. The maintenance of the ponds such as mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will however retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained, thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines, which are located within the right of way or easements, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

SSD in the rear yard of lot 12, running south from Str. 137
SSD along Ditch Road, running north from Str. 152

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 \$2.00 per acre for common areas and platted lots, \$2.00 per acre for roadways, with a \$25.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$522.44.

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Performance Bond are as follows:


Agent: North American Specialty Insurance Co.
Date: June 1, 2006
Number: 2062435
For: Storm Sewers
Amount: \$321,042.00

Agent: North American Specialty Insurance Co.
Date: June 1, 2006
Number: 2062437
For: Erosion Control
Amount: \$51,483.00

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

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

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

 I recommend the Board set a hearing for this proposed drain for March 26, 2007

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

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

In the matter of Laurel Ridge Subdivision, Section
N/A Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Laurel Ridge, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

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

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

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.



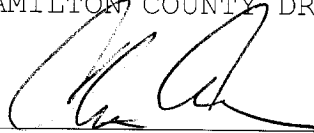
FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE
Springmill Run Drain, Laurel Ridge Arm

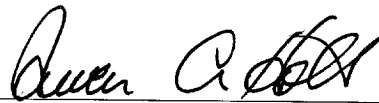
On this **26th day of March 2007**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Springmill Run Drain, Laurel Ridge Arm**.

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.

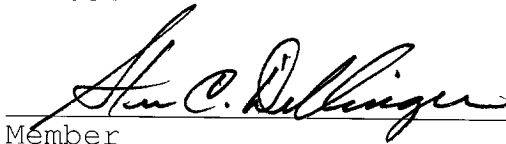
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest:



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Springmill Run Drain, Laurel Ridge Arm

NOTICE

To Whom It May Concern and: Metropolitan Life Insurance Co.

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Springmill Run Drain, Laurel Ridge Arm** on **March 26, 2007** at **9:15 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

Springmill Run Drain, Laurel Ridge Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **March 26, 2007** 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

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: LAUREL RIDGE

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in the conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: Walter F. Reeder III Date: 11/09/09

Type or Print Name: Walter F. Reeder III

Business Address: 853 Columbia Road, Suite 101

Plainfield Indiana, 46168

Telephone Number: 317-707-3700

INDIANA REGISTRATION NUMBER

PE 60017777





SURVEYOR'S OFFICE Hamilton County

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

To: Hamilton County Drainage Board

January 11, 2010

Re: Springmill Run: Laurel Ridge

Attached are as-builts, certificate of completion & compliance, and other information for Laurel Ridge. 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 October 23, 2006. The report was approved by the Board at the hearing held March 26, 2007. (See Drainage Board Minutes Book 10, Pages 164-166)

The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
118-117	27	12	RCP	845.62	845.54	0.3	-2
118-116	117	12	RCP	845.51	844.35	0.99	
116-115	268	12	RCP	844.13	840.66	1.29	-3
115-114	58	12	RCP	840.63	840.17	0.79	4
124-123	203	15	RCP	842.67	841.96	0.35	
123-122	306	18	RCP	841.9	841.31	0.19	-5
122-121	37	18	RCP	841.31	840.98	0.89	-3
121-120A	156	21	RCP	840.91	840.51	0.26	-3
120A-120	35	21	RCP	840.48	840.34	0.4	-3
120-119	51	21	RCP	840.34	839.95	0.76	-6
125-120	24	15	RCP	841.7	841.55	0.63	-2
131-130	27	12	RCP	845.41	845.09	1.18	-3
130-129	84	12	RCP	845.09	842.66	2.89	-4
129-132	270	12	RCP	842.66	832.17	4	
132-127	194	21	RCP	824.78	820.85	2.03	-1
137-135	343	12	RCP	837.9	828.55	2.73	
135-132	360	18	RCP	827.63	824.95	0.74	9
135-136	111	15	RCP	828.13	827.63	0.37	3
113A-112A	85	15	RCP	817.4	817.22	0.21	-15
138-132	112	12	RCP	833.29	830.42	2.56	2
151-150	81	15	RCP	842.07	841.53	0.6	-2

150-149	40	15	RCP	841.53	841.33	0.5	
149-148	256	15	RCP	841.33	840.44	0.35	-6
148-147	71	15	RCP	840.44	840.24	0.28	-2
143-142	47	15	RCP	831.08	830.01	2.28	-3
142-141	63	18	RCP	829.72	828.21	2.4	-1
141-140	116	18	RCP	828.01	825.24	2.39	-2
140-139	52	18	RCP	825.22	824.03	2.27	-5
146-145	53	12	RCP	839.98	837.13	5.38	-5
145-144	123	15	RCP	836.41	831.98	3.6	-3
144-143	61	15	RCP	831.95	831.15	1.31	-4
152-143	56	12	RCP	831.6	831.18	0.75	-3
1-2	49	12	RCP				
127-126	55	21	RCP	820.85	819.84	1.84	-6

RCP Pipe Totals:

12	1464
15	1102
18	934
21	491

Total: 3991

SSD Totals:

Streets	4480
Lots	580

Total: 5060

Other Totals:

8" SSD	261
Open ditch	1420
7'x12' ECMP	40
66" CMP	80

Total: 1801

The length of the drain due to the changes described above is now **10,852 feet**.

The non-enforcement was approved by the Board at its meeting on March 26, 2007 and recorded under instrument # 2007017796.

The following sureties were guaranteed by North American Specialty Insurance Co. and expired on June 1, 2008.

Bond-LC No: 2062435
Insured For: Storm Sewers
Amount: \$321,042.00
Issue Date: June 1, 2006

Bond-LC No: 2062437
Insured For: Erosion Control
Amount: \$51,483.00
Issue Date: June 1, 2006

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

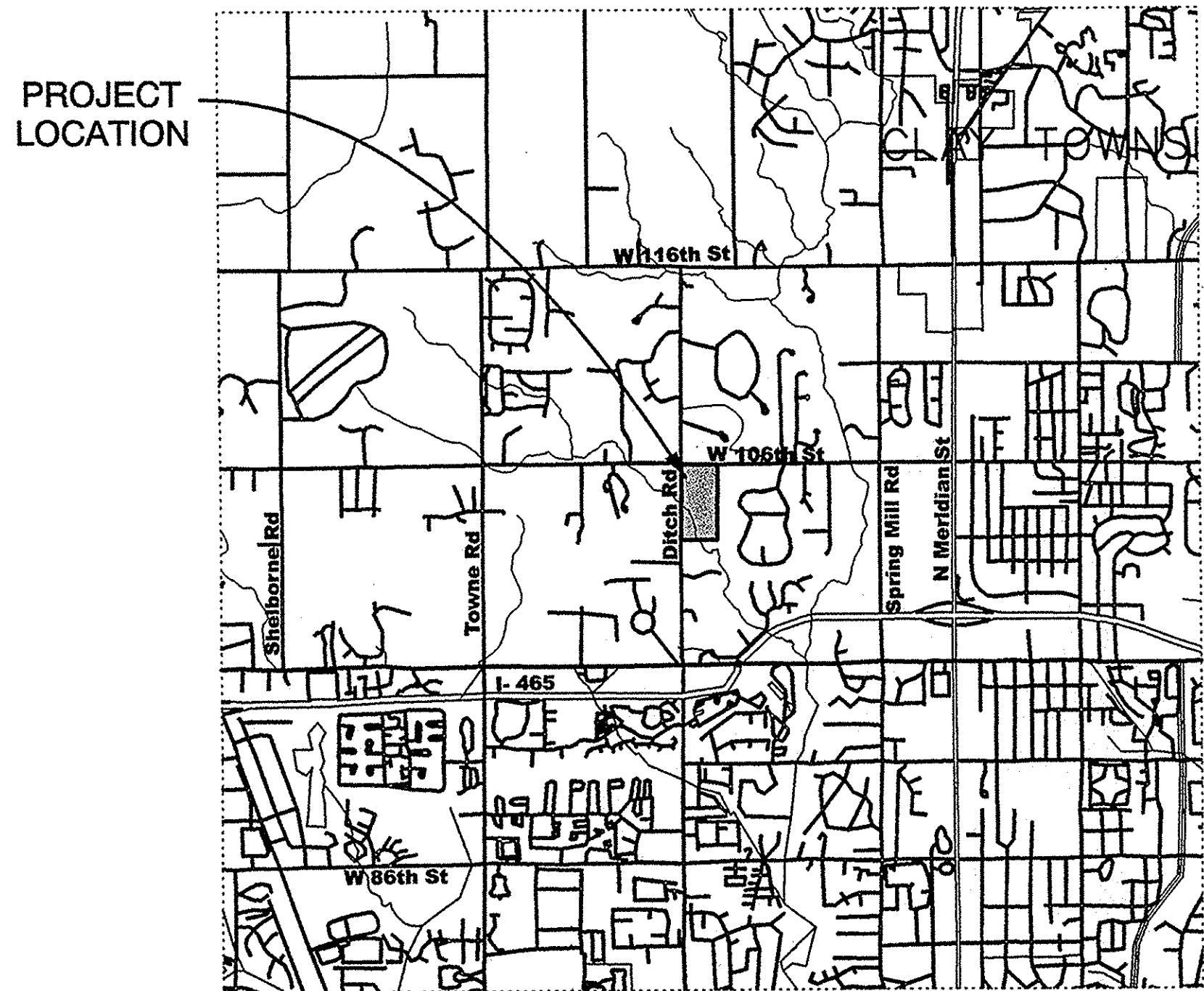
LAUREL RIDGE

RESIDENTIAL SUBDIVISION CONTAINING 47.1 AC +/-
NW 1/4, SEC. 10-T17N-R3E
CLAY TOWNSHIP, HAMILTON COUNTY, INDIANA
PROJECT ADDRESS: 10479 DITCH ROAD, CARMEL, INDIANA 46032

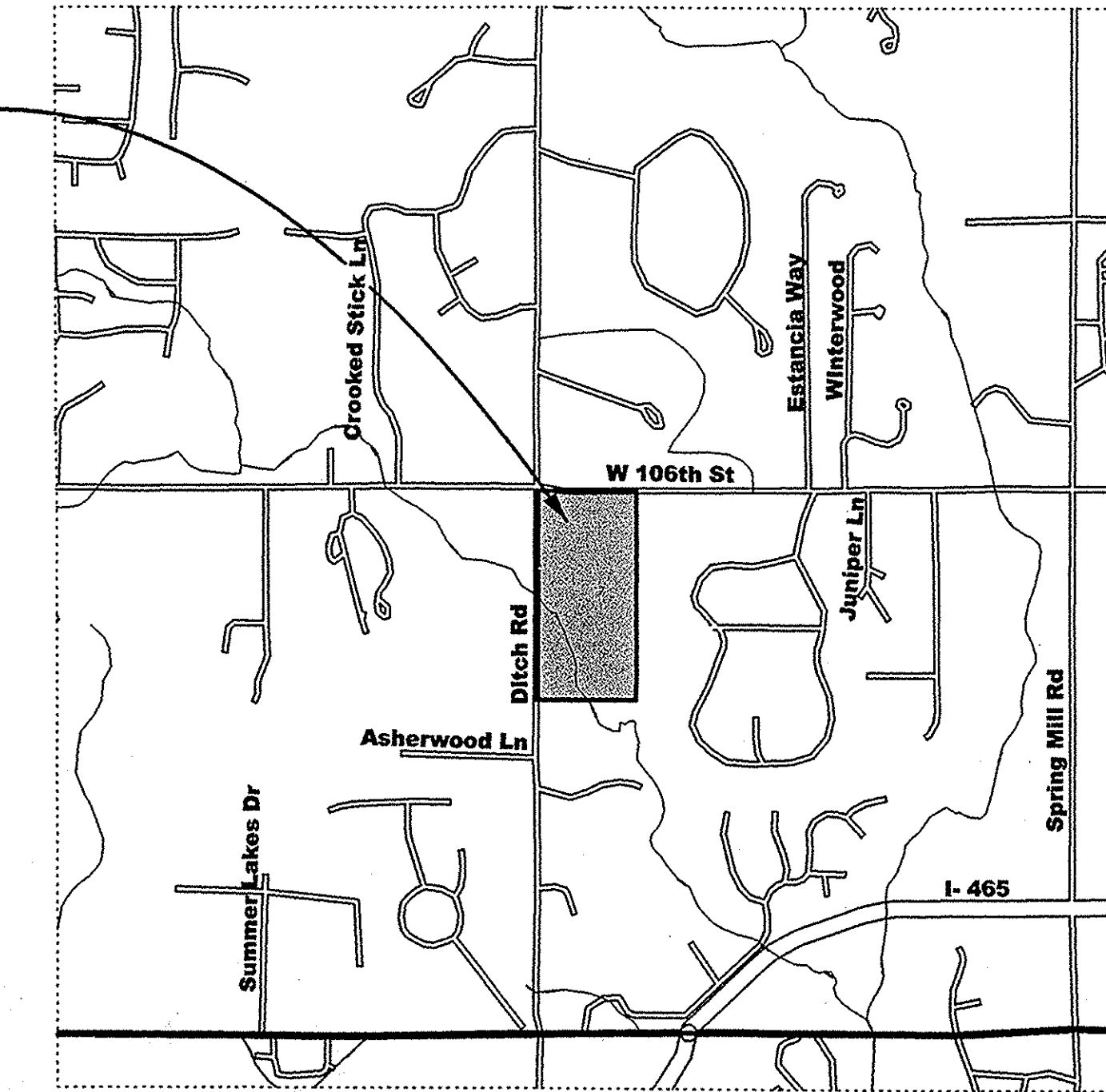
DOCKET NO. 05060043 PP
05060044 SW: 6.03.04
05060045 SW: 8.09.02
05060046 SW: 6.03.19
05060047 SW: 6.03.22
05060048 SW: 8.09.02
05060049 SW: 8.09.02
05060050 SW: 6.02.01

RECORD DRAWINGS

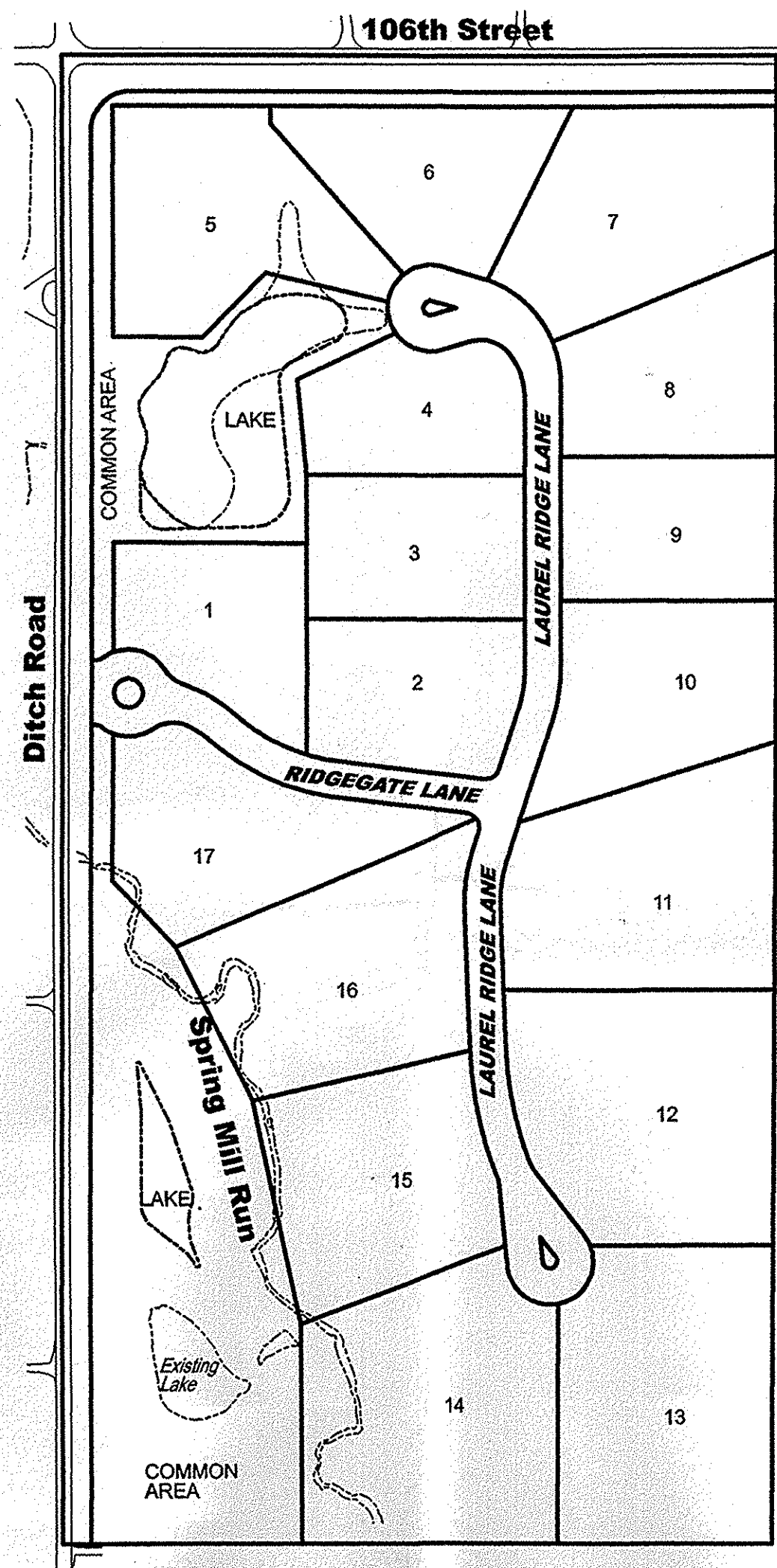
LAUREL RIDGE / PROJECT NO. 04151



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE



SITE MAP
SCALE: 1" = 200'

OPERATING AUTHORITIES

GAS VECTREN P.O. Box 1700 Noblesville, Indiana 46060 317-776-5573 Jim Scott	CABLE TELEVISION BRIGHT HOUSE NETWORKS 516 East Carmel Drive Carmel, Indiana 46032 317-972-9700	WATER VEOLIA WATER INDIANAPOLIS 1220 Waterway Boulevard P.O. Box 1220 Indianapolis, Indiana 46206 317-283-6309 Mark Shockley TELEPHONE SBC 5858 North College Avenue Indianapolis, Indiana 46220 317-972-9700 Jeremy Pendleton
ELECTRIC CINERGY / PSI 1441 South Guilford Road Carmel, Indiana 46032 317-776-5347 Rick McClain	STREETS HAMILTON COUNTY HIGHWAY DEPARTMENT 1770 South 10th Street Noblesville, Indiana 46060 317-773-7770 Mike McBride	FIRE DEPARTMENT CARMEL / CLAY TOWNSHIP FIRE DEPARTMENT Fire Headquarters, Station 41 2 Civic Square Carmel, Indiana 46032 317-571-2600
SANITARY CLAY TOWNSHIP REGIONAL WASTE DISTRICT 10701 North College Avenue, Suite A Indianapolis, Indiana 46240 Jay W. Alley	STORM HAMILTON COUNTY DRAINAGE BOARD One Hamilton County Square, Suite 188 Noblesville, Indiana 46060 (317) 776-8495	
SCHOOL DISTRICT CARMEL / CLAY SCHOOLS 5201 East 131st Street Carmel, Indiana 46033 Ron Farrand		

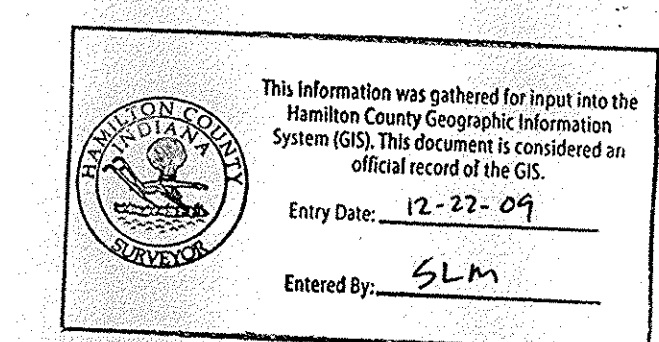
STREET NAME CHART

LINE	STREET NAME	STREET LENGTH
A	RIDGEGATE LANE	651'
B	LAUREL RIDGE LANE	1456'

25 MPH DESIGN SPEED

REVISIONS

DATE	DESCRIPTION
11-04-05	REVISED PER NRCS COMMENTS
11-28-05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
12-05-05	REVISED PER NRCS COMMENT LETTER
12-22-05	REVISED PER CLAY TOWNSHIP REGIONAL WASTE DISTRICT
1-16-06	REVISED PER HAMILTON COUNTY HIGHWAY DEPARTMENT
1-20-06	REVISED PER TAC COMMENT LETTER DATED 11-21-2005
03-13-06	REVISED PER HCHD COMMENT LETTER DATED 03-02-06
03-13-06	REVISED PER HCSO COMMENT LETTER
03-23-06	REVISED PER HCSO COMMENT LETTER
04-17-06	REVISED LOT LINE BETWEEN LOTS 14 -15 & STORM AND SANITARY SEWER
05-18-06	REVISED DITCH ROAD AND 106th STREET RIGHT-OF-WAY



DEVELOPER & PROPERTY OWNER

JB COHEN
210 EAST 91st STREET, SUITE A
INDIANAPOLIS, INDIANA 46240
PHONE: 317-844-4467
FAX: 317-844-4527
CONTACT: JEFFERY B. COHEN

DATE OF SUBMISSION: 10-20-05

REVISED: _____

SOURCE OF TITLE: _____

EXISTING ZONING: S 1

PLANS PREPARED BY:

BANNING ENGINEERING
698 TOWER ROAD, SUITE #100
PLAINFIELD, IN 46168
BUS. (317) 839-2581, FAX (317) 838-9171
E-MAIL banning@banning-eng.com
CONTACT: LANCE G. FERRELL

THESE PLANS ARE NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

Certificate of Survey

I hereby state that the record information provided herein is true and correct to the best of my knowledge and belief and was collected under my supervision with the field data completed on November 3, 2006. The record information pertains to the location and elevation of the storm and sanitary sewer structures, the size and type of the sewer pipes, and the slope of said pipes between structures. The elevations on top of casting of the structures and their accompanying pipe inverts are accurate to within 0.05 feet and were gathered using an auto-level applying standard leveling techniques. The record locations of the sanitary sewer laterals were provided by those responsible for construction of said sewer and are subject to the accuracy of those measurements provided.

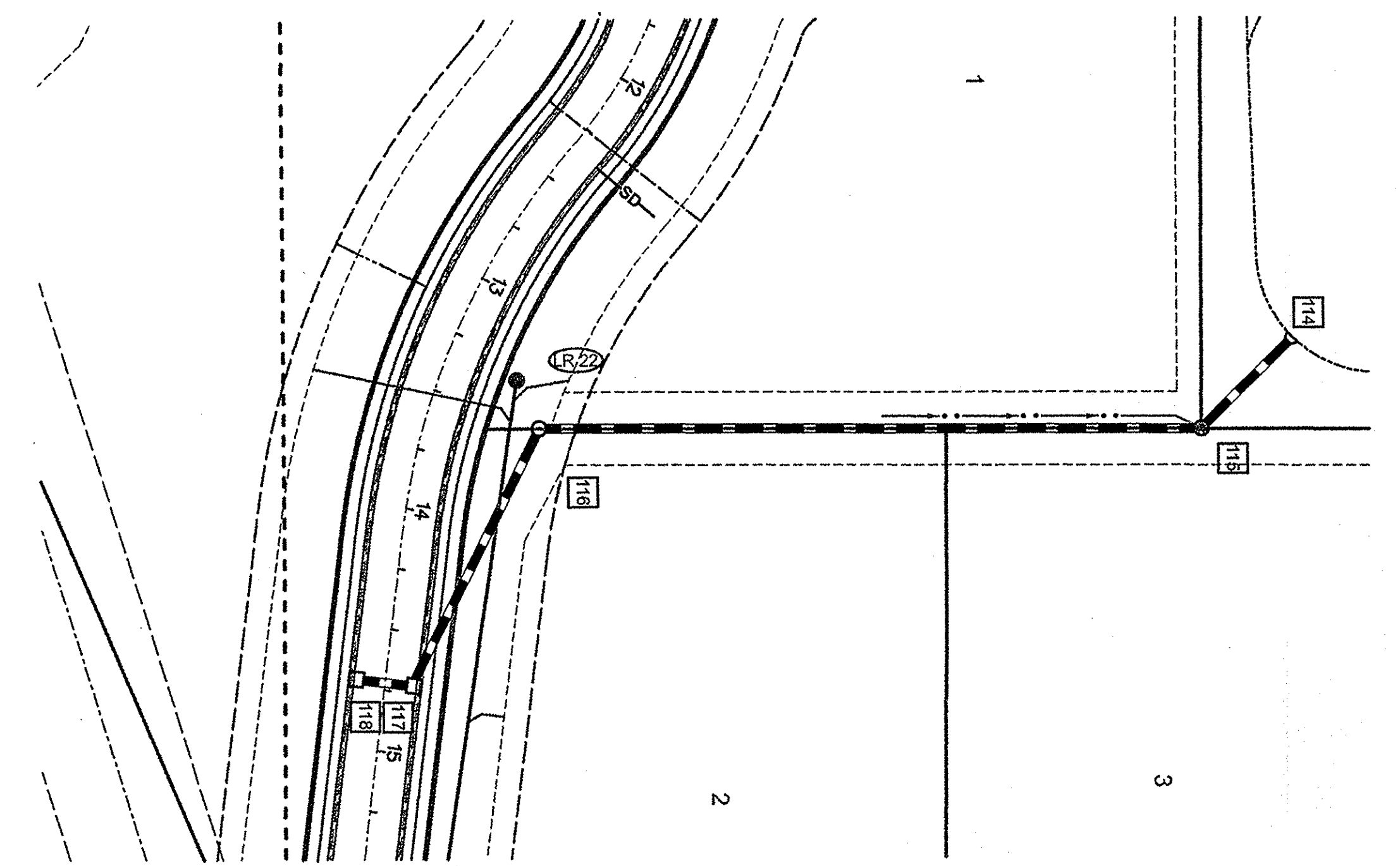
Brian L. Haggard 1/29/07
Brian L. Haggard
Registered Land Surveyor - LS29800001
State of Indiana



SHEET NO	DESCRIPTION
1	TITLE SHEET
2	EXISTING TOPOGRAPHY PLAN
3	TRAFFIC CONTROL AND SIDEWALK PLAN
4-5	GRADING AND DRAINAGE PLAN
6-7	STREET PLAN AND PROFILE
8	INTERSECTION DETAILS
9	ENTRANCE PLAN
10	SANITARY SEWER PLAN
11-12	SANITARY SEWER PLAN AND PROFILES
13-15	STORM SEWER PLAN AND PROFILE
16-17	WATER MAIN PLAN
18	INFILTRATION CONTROL
19-20	EROSION AND SEDIMENT CONTROL PLAN
21	EROSION CONTROL DETAILS
22	EROSION CONTROL STANDARDS
23	SPECIFICATIONS
24	SANITARY SEWER DETAILS
25	STORM SEWER DETAILS
26-26A	MISCELLANEOUS DETAILS
	PLAN
	LANDSCAPE PLAN

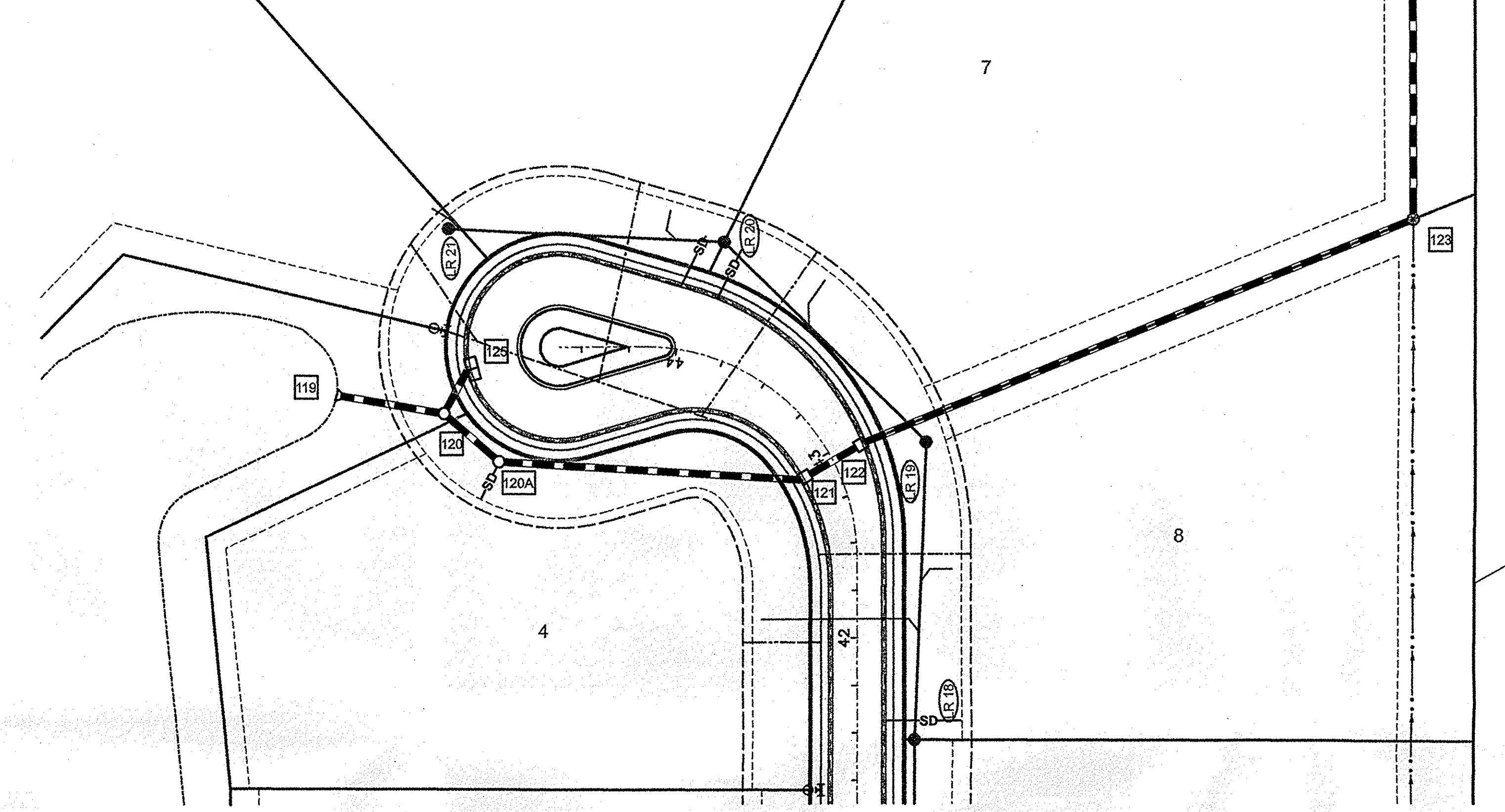


SCALE:
1"=5' VERT.
1"=50' HOR.



- STORM SEWER GENERAL NOTES**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS.
 - CASTING TYPES SEE STORM SEWER DETAIL SHEET FOR CASTING TYPES.

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

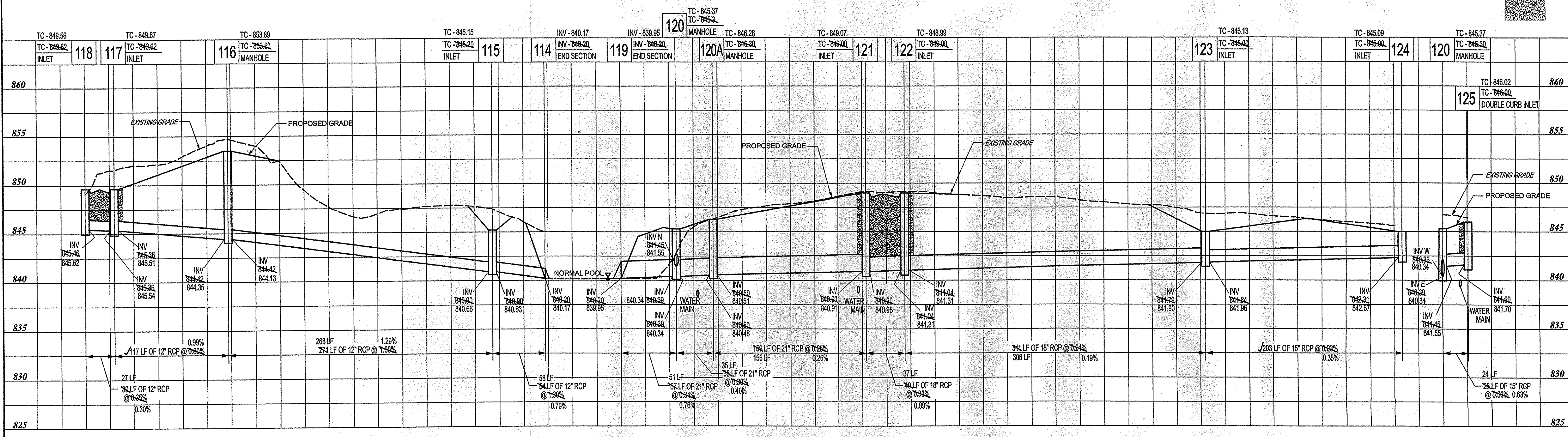


ALL BACKFILL WITHIN THE RIGHT-OF-WAY NEEDS TO BE MECHANICALLY COMPACTED IN LIFTS.

RECORD DRAWINGS

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 12/22/09
Entered By: SLM

GRANULAR BACKFILL REQUIRED

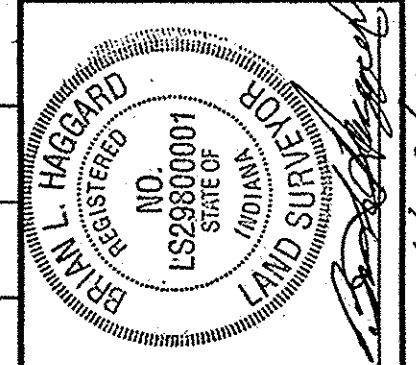


PLAN & PROFILE STORM STRUCTURES 114-118

PLAN & PROFILE STORM STRUCTURES 119-124

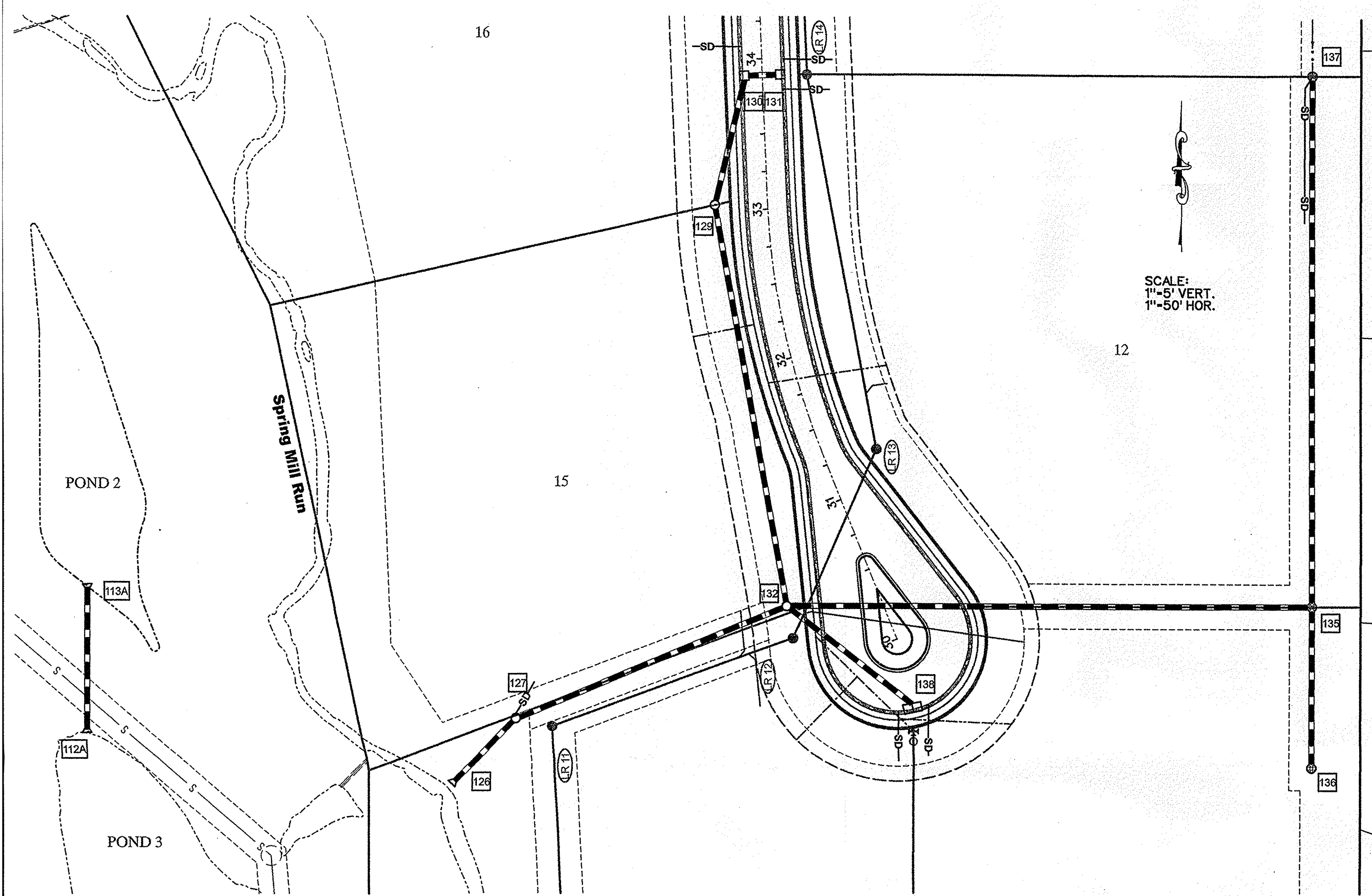
PLAN & PROFILE STORM STRUCTURES 120 & 125

STORM SEWER PLAN AND PROFILE
LAUREL RIDGE
CLAY TOWNSHIP
CARMEL, INDIANA



BANNING ENGINEERING
698 TOWER ROAD, SUITE #100
PLAINFIELD, IN 46168
BUS. (317) 839-2581, FAX (317) 838-9171
E-MAIL banning@banning-eng.com

Project No: 04151
Sheet No:

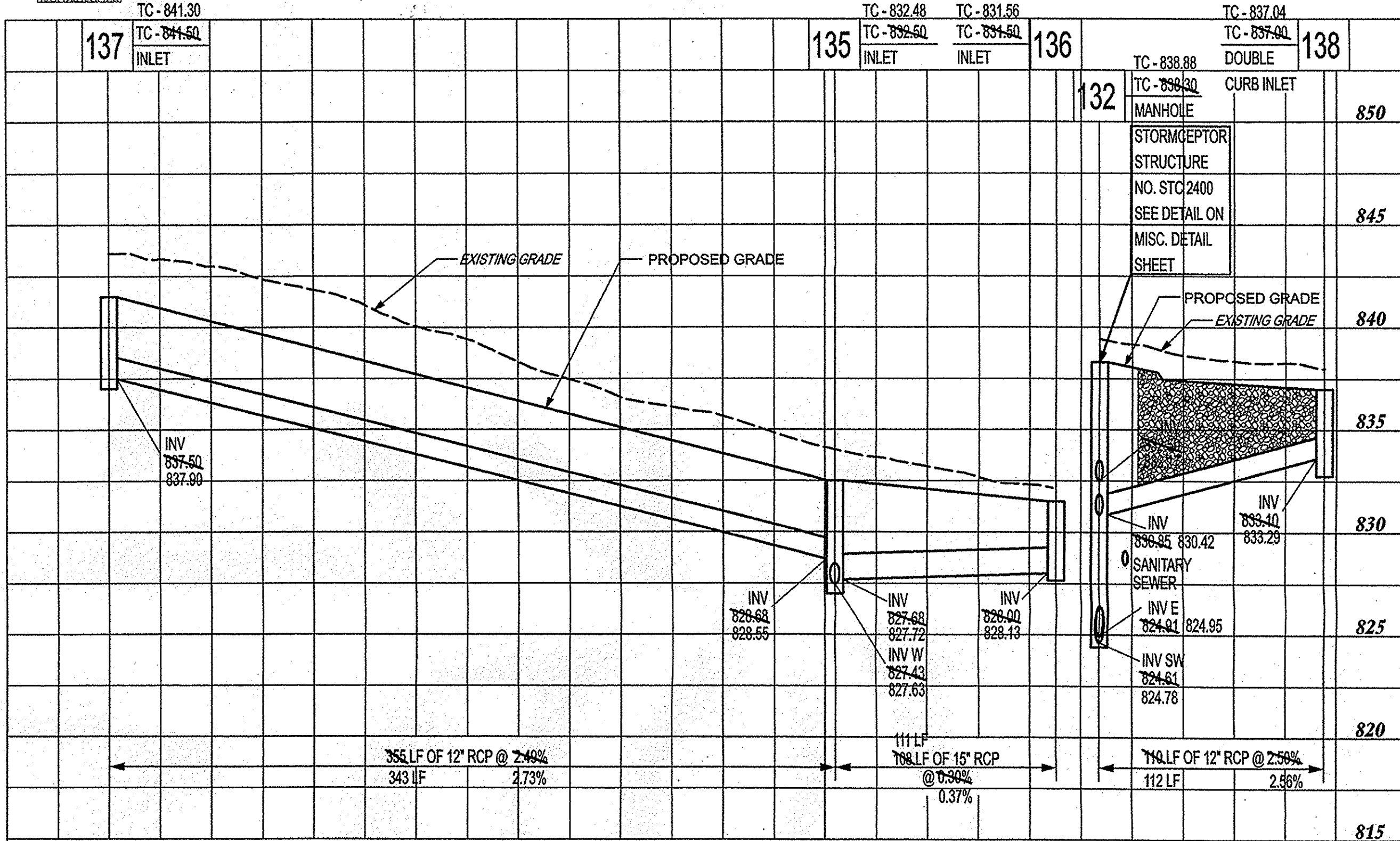
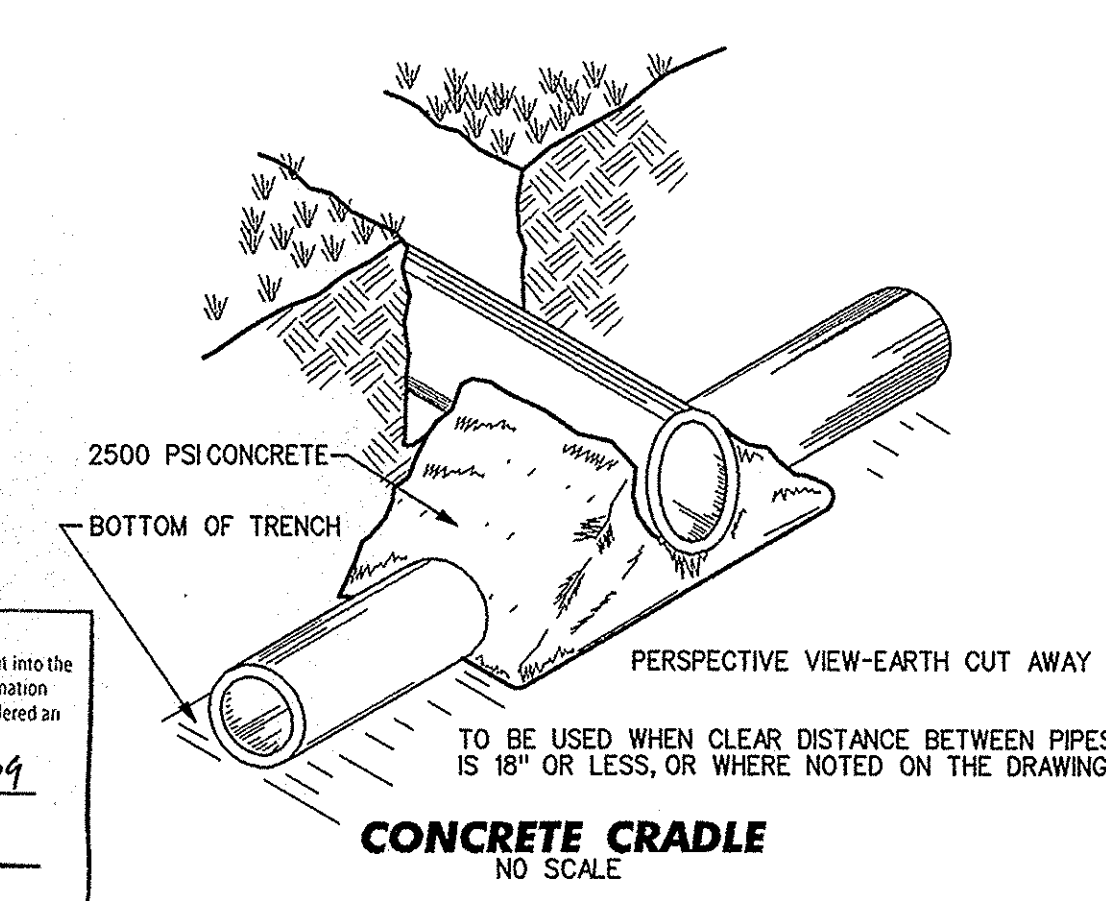


ALL BACKFILL WITHIN THE RIGHT-OF-WAY NEEDS TO BE MECHANICALLY COMPACTED IN LIFTS.

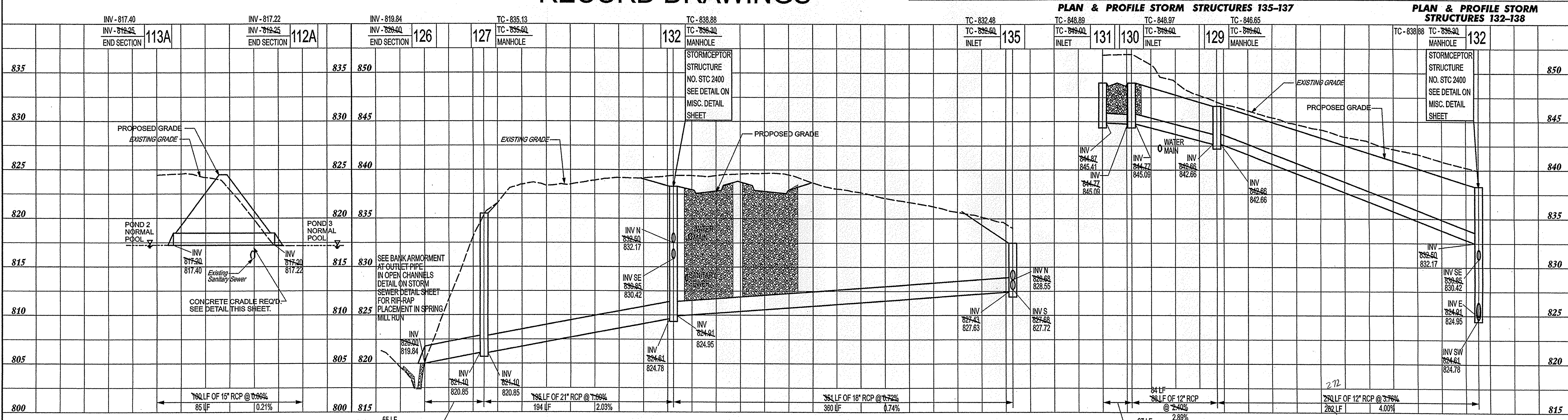
- STORM SEWER GENERAL NOTES**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS.
 - CASTING TYPES SEE STORM SEWER DETAIL SHEET FOR CASTING TYPES.

GRANULAR BACKFILL REQUIRED

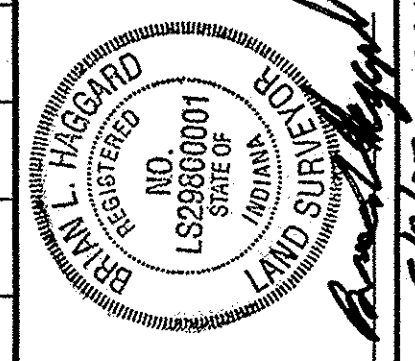
Information was gathered for input into the GIS. This document is considered an official record of the GIS.
 Entry Date: 12/22/09
 Entered By: SLM



RECORD DRAWINGS

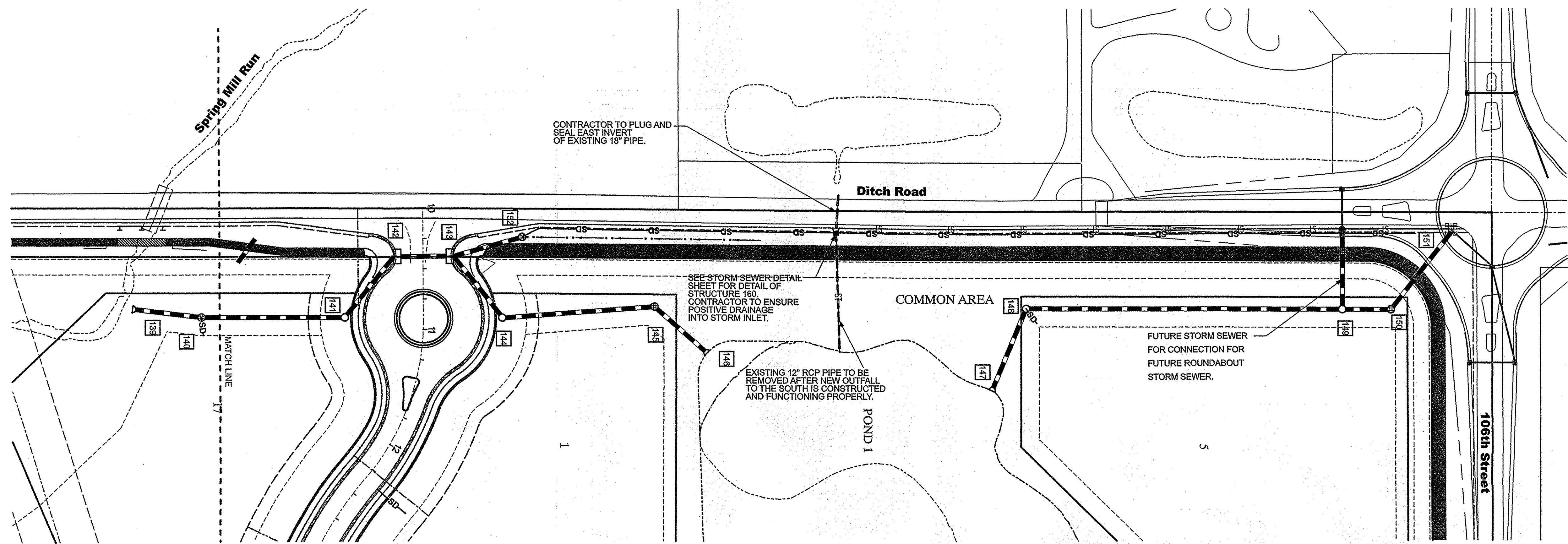


STORM SEWER PLAN AND PROFILE
LAUREL RIDGE
CLAY TOWNSHIP
CARMEL, INDIANA



BANNING ENGINEERING
 698 TOWER ROAD, SUITE #100
 BUS. PLAINFIELD, IN 46168
 BUS. (317) 839-2581, FAX (317) 838-9171
 E-MAIL banning@banning-eng.com

Project No: 04151
 Sheet No:



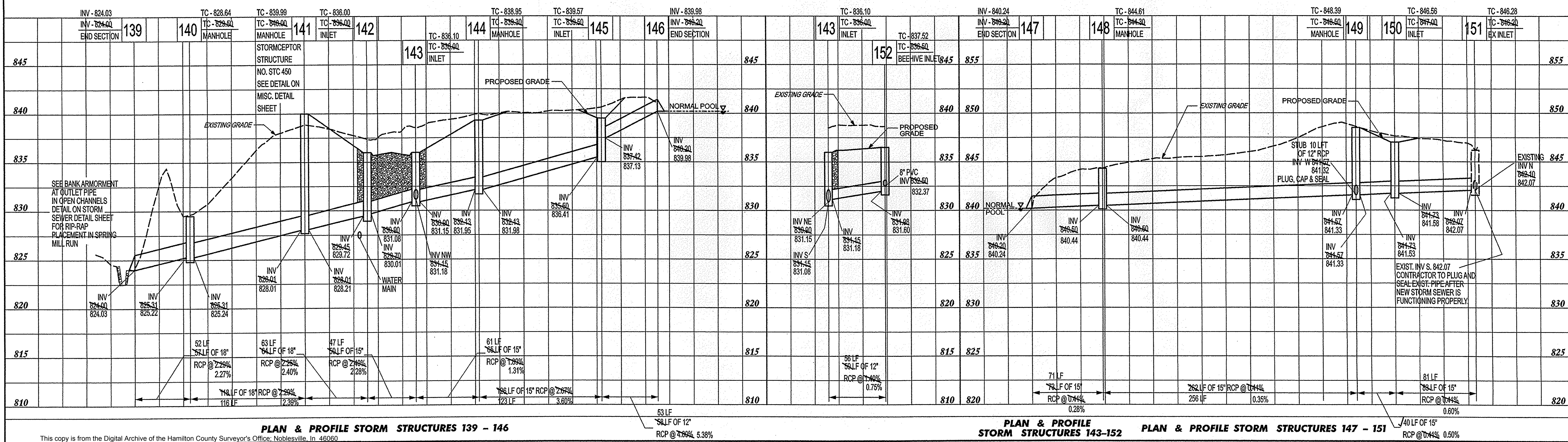
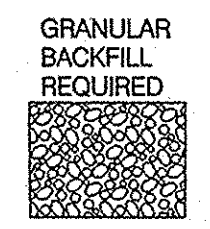
SCALE:
1"=5' VERT.
1"=50' HOR.

- STORM SEWER GENERAL NOTES**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS.
 - CASTING TYPES SEE STORM SEWER DETAIL SHEET FOR CASTING TYPES.

ALL BACKFILL WITHIN THE RIGHT-OF-WAY NEEDS TO BE MECHANICALLY COMPACTED IN LIFTS.

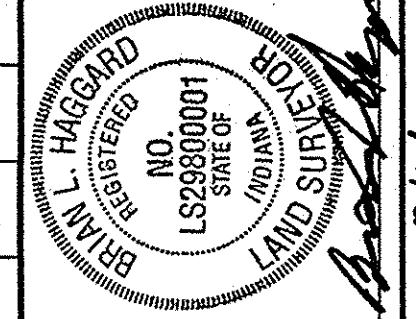
RECORD DRAWINGS

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 12/27/09
Entered By: SLM



Date	Revisions	Sym.	Designed:	Drawn:	Checked:	Scale:	Date
01-16-06	PER HCHD COMMENT LETTER		LOF	SHH		AS SHOWN	10-20-05
01-20-06	PER TAC COMMENT LETTER 11-21-05						

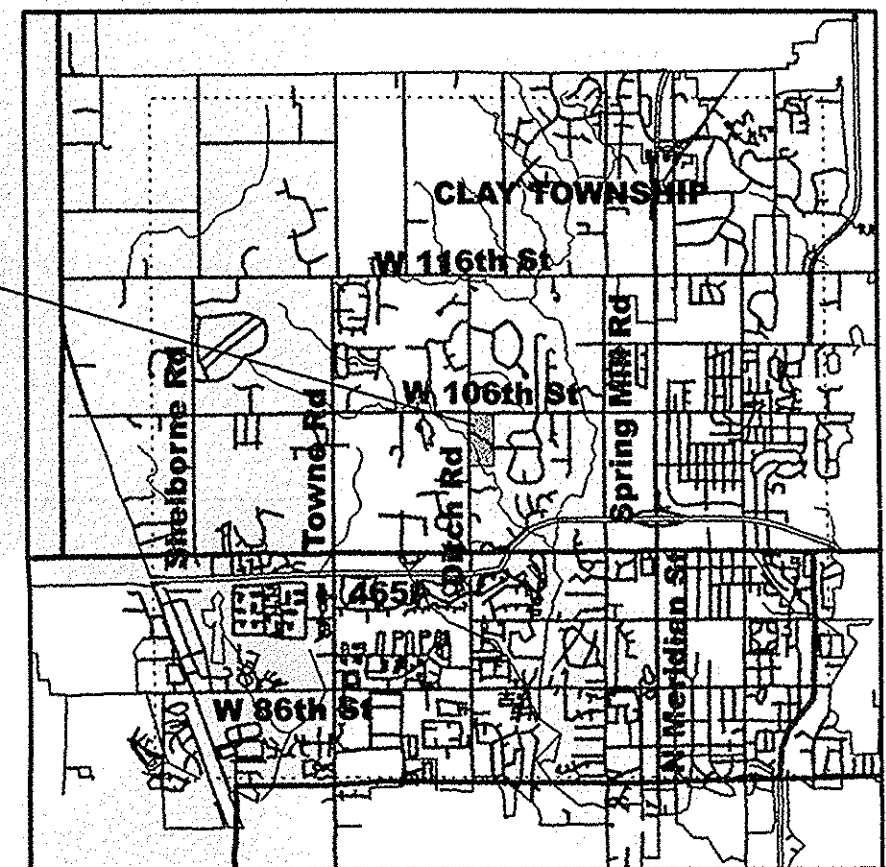
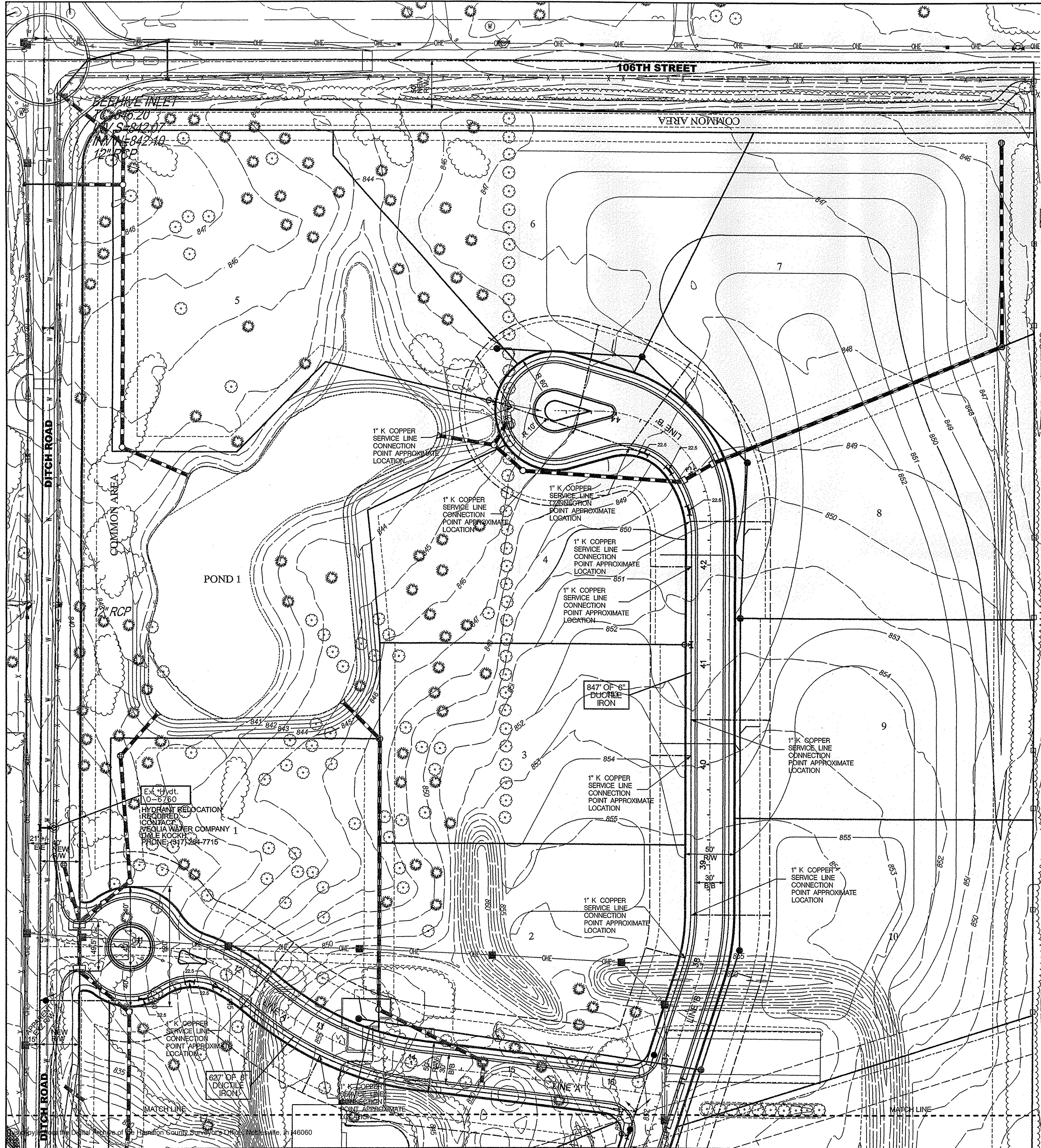
STORM SEWER PLAN AND PROFILES
LAUREL RIDGE
CLAY TOWNSHIP
CARMEL, INDIANA



BANNING ENGINEERING
698 TOWER ROAD, SUITE #100
PLAINFIELD, IN 46168
BUS. (317) 839-2581, FAX (317) 838-9171
E-MAIL banning-eng.com

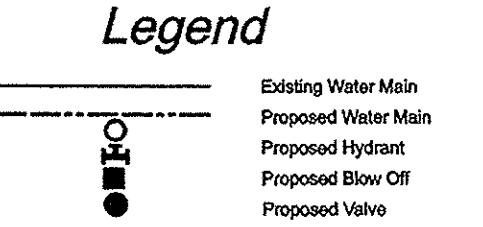
Project No: 04151
Sheet No:

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



STREET NAME CHART

LINE	STREET NAME
A	RIDGEGATE LANE
B	LAUREL RIDGE LANE



RECORD DRAWING

12-21-06

NOTE: THE RECORD INFORMATION PERTAINS TO THE LOCATION OF THE WATER LINE MAIN, WATER MAIN STRUCTURES, SIZE AND TYPE OF THE WATER MAIN. THE RECORD LOCATIONS OF THE WATER MAIN AND STRUCTURES WERE PROVIDED BY THE CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE WATER MAIN.

NOTE: NO STREET ADDRESS PROVIDED BY THE COUNTY AT TIME OF CONSTRUCTION PLANS.

NO WATER VALVES ARE TO BE PLACED WITHIN THE STREETS AND BETWEEN THE CURBS.

ALL DUCTILE IRON WATER MAINS SHALL BE BEDDED IN SAND, FROM THE BOTTOM OF THE TRENCH TO 12" ABOVE THE PIPE.

ROAD CUT WILL NOT BE PERMITTED FOR THE INSTALLATION OF THE WATER MAIN.

TRACER WIRE MUST BE INSTALLED WITH WATER MAIN

POSI-CAPS OR EQUIVALENT ARE REQUIRED ON ALL WATER VALVES

ONLY MUELLER HYDRANTS AND VALVES MAY BE USED

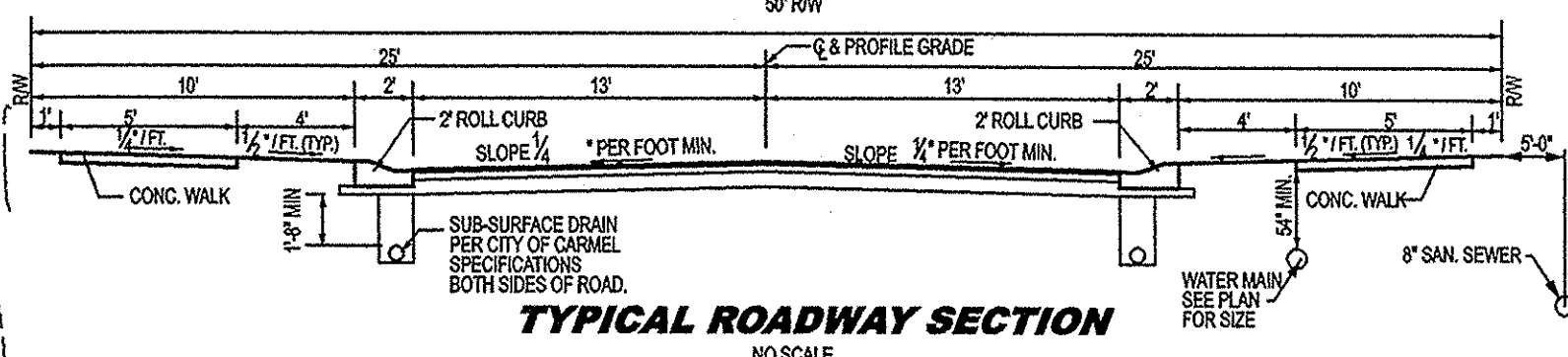
BLUE REFLECTIVE TAPE MUST BE INSTALLED 18" ABOVE ALL WATER MAINS

CONTRACTOR TO VERIFY LOCATION OF EXISTING WATERMAIN PRIOR TO CONSTRUCTION

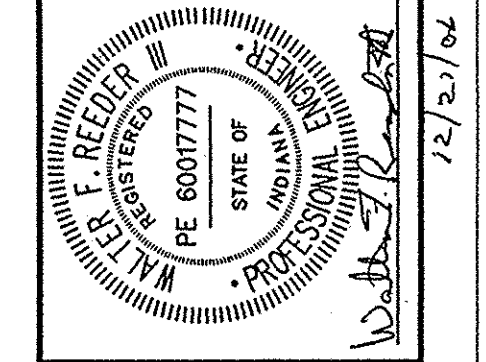
CONTRACTOR TO CALL FOR AN ONSITE MEETING WITH THE INSPECTOR PRIOR TO ANY WORK GETTING STARTED. CALL CARMEL WATER-WASTEWATER UTILITIES 571-2645

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 12/22/09
Entered By: SLM



WATER MAIN EXTENSION PLAN
LAUREL RIDGE
CLAY TOWNSHIP
CARMEL, INDIANA



BANNING ENGINEERING
 698 TOWER ROAD, SUITE #100
 PLAINFIELD, IN 46168
 B.U.S. (317) 839-2581, FAX (317) 838-9171
 E-MAIL banning@banning-eng.com

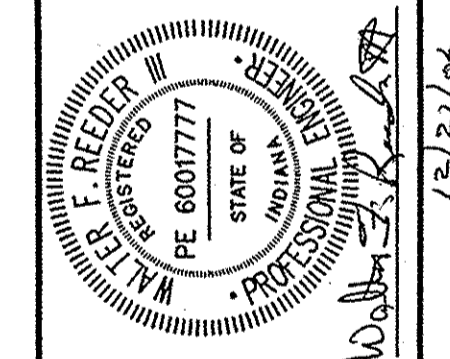
Project No: 04151
 Sheet No:



RECORD DRAWING

12-21-06

WATER MAIN EXTENSION PLAN
LAUREL RIDGE
CLAY TOWNSHIP
CARMEL, INDIANA



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: 12-22-09
 Entered By: SLM

BANNING ENGINEERING
 698 TOWER ROAD, SUITE #100
 PLAINFIELD, IN 46168
 BUS. (317) 839-2581, FAX (317) 838-9171
 E-MAIL banning@banning-eng.com

Project No: 04151
 Sheet No:

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