

Drain: Little Eagle Creek Drain

Improvement-Arm: Maple Village Section 3 Arm

Date Approved: May 27, 2008

Drain Input Checklist

- Create Regulated Drain Record in Posse _____
 - Drain Type
 - Outlet (Tab)
 - Outlet Attached
 - Location
 - Twp
 - Certification
 - Drain Number

- Enter Improvement Arm in Posse May 28, 2008
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)

- Scan Documents _____
 - Surveyor's Report
 - Engineer's Estimate
 - Notices
 - Findings and Order
 - Petition

- Create Posse Inspection Job _____

- Enter into Watershed Summary Spreadsheet _____

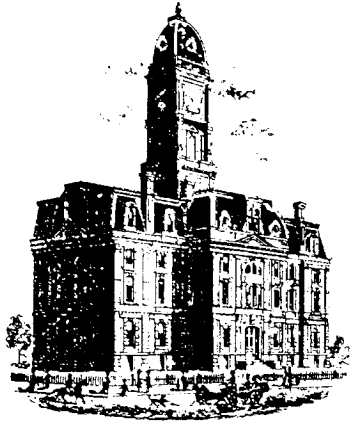
- Check for Vacation of Drain & Map Changes _____

- Check Drainage Easement Classification _____

- Sum drain length & Validate in GIS _____

- Enter New Watershed Length into Posse _____

- Create Boundary of Improvement in GIS _____



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

April 3, 2008

TO: Hamilton County Drainage Board

RE: Little Eagle Creek Drain, Maple Village Section 3 Arm

Attached is a petition filed by Platinum Properties, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Maple Village Section 3 Arm, Little Eagle Creek Drain to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6" SSD	3,960 ft.	21" RCP	745 ft.
12" RCP	609 ft.	24" RCP	450 ft.
15" RCP	83 ft.	27" RCP	46 ft.
18" RCP	29 ft.	30" RCP	190 ft.

The total length of the drain will be 6,112 feet.

The drain listed above will remove the existing end sections, Structure number 718A and 672A, from Maple Village Section 2 Arm and will connect back to those pipe stubs.

The temporary sediment basin (to be expanded to pond #1 with future Section 4) located in future common area is to be considered part of the regulated drain. Pond maintenance shall include the inlet(s), outlet(s), sediment removal, and erosion control along the banks as part of the regulated drain. The maintenance of the temporary sediment basin (future pond #1) such as mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board however, will retain jurisdiction for ensuring the storage volume for which the pond 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. 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 and platted lots, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain/this section will be \$4,295.50.

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: Bond Safeguard Insurance Company
Date: January 10, 2008
Number: 5031064
For: Storm Drainage
Amount: \$145,752.00

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 Maple Village Section 3 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for May 27, 2008.



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 Maple Village Subdivision, Section
Three 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 Maple Village, Section 3, 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

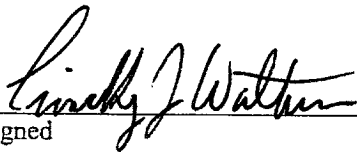
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

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.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED


Signed

Timothy J. Walter
Printed Name

June 13, 2007
Date

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Little Eagle Creek Drain, Maple Village Section 3 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Little Eagle Creek Drain, Maple Village Section 3 Arm** on **May 27, 2008** 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

Little Eagle Creek Drain, Maple Villages Section 3 Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **May 27, 2008** 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

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain, Maple Village Section 3 Arm

On this **27th day of May 2008**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Little Eagle Creek Drain, Maple Village Section 3 Arm**.

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

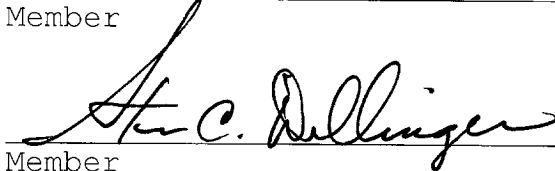
HAMILTON COUNTY DRAINAGE BOARD



President

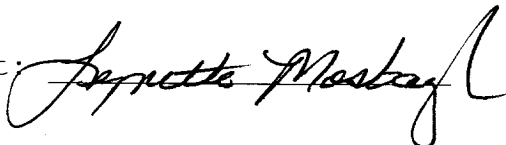


Member



Member

Attest:




CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Maple Village, Section 3

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 conformity with all plans and specifications.

Signature:  Date: December 19, 2008

Type or Print Name: Dennis D. Olmstead

Business Address: Stooppelwerth & Associates, Inc.
7965 East 106th Street, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900012



KW



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: Little Eagle Creek: Maple Village Section 3

Attached are as-builts, certificate of completion & compliance, and other information for Maple Village Section 3. 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 April 3, 2008. The report was approved by the Board at the hearing held May 27, 2008. (See Drainage Board Minutes Book 11, Pages 177-178)

The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
687-686	110	12	RCP	919.61	919.03	0.53	
686-685	126	12	RCP	919.03	918.66	0.29	
685-684	28	18	RCP	918.66	918.45	0.75	-1
684-683	136	21	RCP	918.45	918.06	0.29	2
683-681	324	21	RCP	918.06	917.45	0.19	2
681-680	191	30	RCP	917.45	916.99	0.24	-1
690-689	127	21	RCP	918.25	917.81	0.35	1
689-688	29	21	RCP	917.81	917.75	0.21	
688-681	121	24	RCP	917.75	917.45	0.25	-2
675-674	46	24	RCP	916.99	916.85	0.3	-2
674-EX	193	24	RCP	916.65	916.47	0.13	21
728-727	108	12	RCP	918.49	917.89	0.56	-2
727-726	128	12	RCP	917.89	917.58	0.24	
726-724	57	15	RCP	917.58	917.48	0.18	2
725--724	28	12	RCP	918.02	917.48	1.93	
724-722	132	21	RCP	917.48	917	0.36	1
722-720	105	24	RCP	917	916.7	0.29	-2
720-719	34	27	RCP	916.7	916.63	0.21	
719-EX	28	27	RCP	916.63		0.61	
723-722	60	12	RCP	917.34	917	0.57	
721-720	28	15	RCP	916.86	916.7	0.57	

732-EX	45	12	RCP	915.94	915.8	0.31	-2
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RCP Pipe Totals:

12	605
15	85
18	28
21	748
24	465
27	62
30	191

Total: 2184

SSD Totals:

Streets	3887
Total:	<u>3887</u>

The length of the drain due to the changes described above is now **6071 feet**. It should be noted that this project removed 17 feet of 27" RCP from between 718A and 718. Also removed was 15' of 24" RCP between Structures 672A and 672. Both of these pipe segments were installed with Maple Village Section 2

The non-enforcement was approved by the Board at its meeting on May 27, 2008 and recorded under instrument #2008061210.

The following sureties were guaranteed by Bond Safeguard and released by the Board on its January 26, 2009 meeting.

Bond-LC No: 5031064

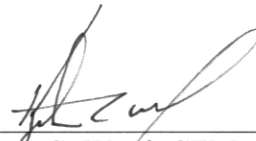
Insured For: Storm Sewers

Amount: \$145,752.00

Issue Date: January 10, 2008

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

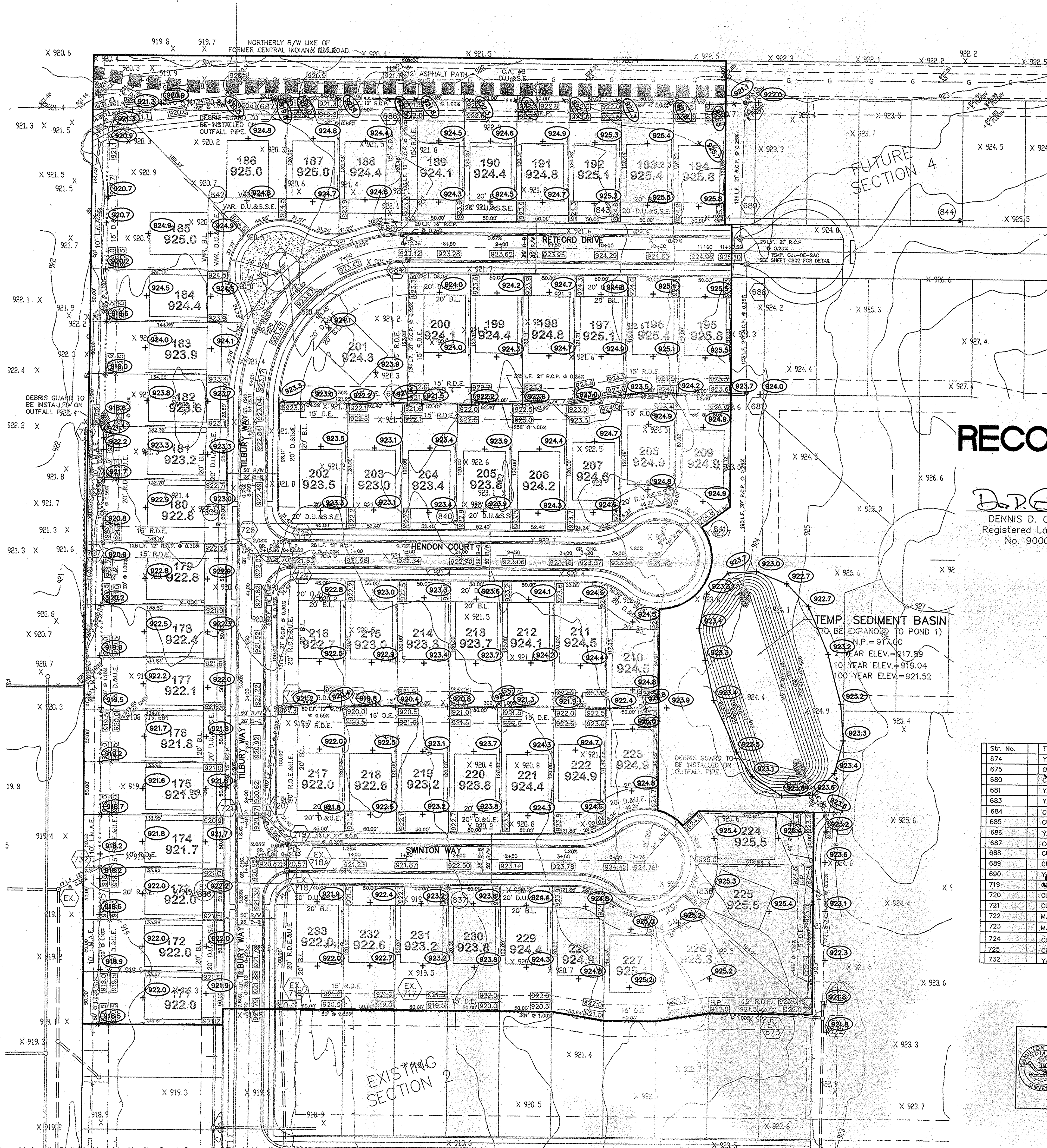
Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

THERE WILL BE NO OFFSITE DRAINAGE ON TO PROPOSED SITE.



SCALE: 1" = 50'

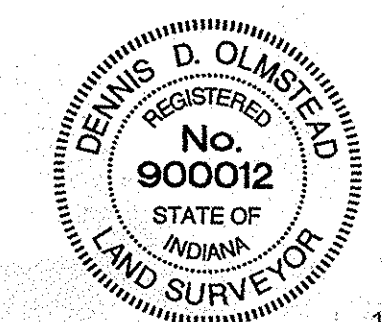
- LEGEND**
- 848 --- EXISTING CONTOUR
 - 840 --- EXISTING SANITARY SEWER
 - 840 --- EXISTING STORM SEWER
 - 848.0 PROPOSED GRADE
 - 840 --- PROPOSED CONTOUR
 - 840 --- PROPOSED SANITARY SEWER
 - 840 --- PROPOSED STORM SEWER
 - 840 --- PROPOSED SWALE
 - 840 --- PROPOSED 5' SIDEWALK (BY HOME BUILDER)

700
897.4 LOT NUMBER
PAD ELEVATION
PAD SIZE 40'X55'
(UNLESS OTHERWISE NOTED)

ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

RECORD DRAWING

D.D.O. 8/25/08
DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012



--- DENOTES 6" SUBSURFACE DRAIN
--- ROLL CURB

GENERAL NOTES:

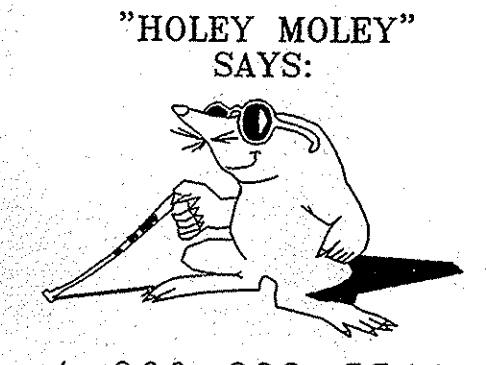
- 1.) BLUE REFLECTORS SHALL BE INSTALLED IN THE CENTER LINE OF THE PAVEMENT TO MARK FIRE HYDRANTS PER THE TOWN OF WESTFIELD'S UTILITY AND INFRASTRUCTURE CONSTRUCTION STANDARDS.
- 2.) ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.
- 3.) ALL HOMES IN THIS SECTION TO BE SLAB CONSTRUCTION. NO SSD LATERALS WILL BE REQUIRED.
- 4.) ALL EXISTING OFF-SITE DRAIN TILES THAT ARE ENCOUNTERED SHALL BE TIED INTO THE PROPOSED STORM SEWER SYSTEM WITH A POSITIVE OUTFLOW. ANY TILE THAT IS ENCOUNTERED THAT STAY COMPLETELY ON-SITE MUST BE CRUSHED AND ABANDONED.
- 5.) REMOVE END SECTION AT EX. STR. 672A AND EX. STR. 718A AND EXTEND PIPE AS SHOWN.

STORM TABLE

Str. No.	Type	To/Rim	Inverts	Dir.
674	YARD INLET	923.00	916.81	(S,NW)
675	CONC. END SECTION w/TG		917.00	(SE)
680	CONC. END SECTION		917.00	(N)
681	YARD INLET	923.50	917.48	(N,S,SW)
683	YARD INLET	921.50	918.30	(N,NE)
684	CURB INLET w/MH	921.50	918.64	(S,NW)
685	CURB INLET	921.50	918.71	(N,SE)
686	YARD INLET	921.50	918.38	(S,E)
687	CONC. END SECTION w/TG		919.32	(W)
688	CURB INLET w/MH	925.18	917.78	(S,NW)
689	CURB INLET w/MH	925.18	917.87	(SE,N)
690	YARD INLET	921.50	918.38	(S)
719	YARD INLET w/MH	920.47	916.71	(S,NE)
720	CURB INLET w/MH	920.47	916.81	(NE,SE,W)
721	CURB INLET	920.47	916.89	(E)
722	MANHOLE	911.40	917.13	(NE,E,SW)
723	MANHOLE	911.40	917.46	(W)
724	CURB INLET w/MH	921.53	917.46	(N,SW,NW)
725	CURB INLET	921.53	917.50	(S)
732	YARD INLET	918.00	915.94	(SW)

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

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: 12/28/2009
Entered by: SLM



1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION
LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

ASBUILTS: 8/22/08
REVISED PER AGENCY COMMENTS: 12/17/07
REV. LOT 188-186 PER ESMT. ADJUSTMENT: 11/08/07
REVISED PER AGENCY COMMENTS: 9/24/07
REVISED PER AGENCY COMMENTS: 8/27/07
REVISED PER TAC COMMENTS: 7/25/07

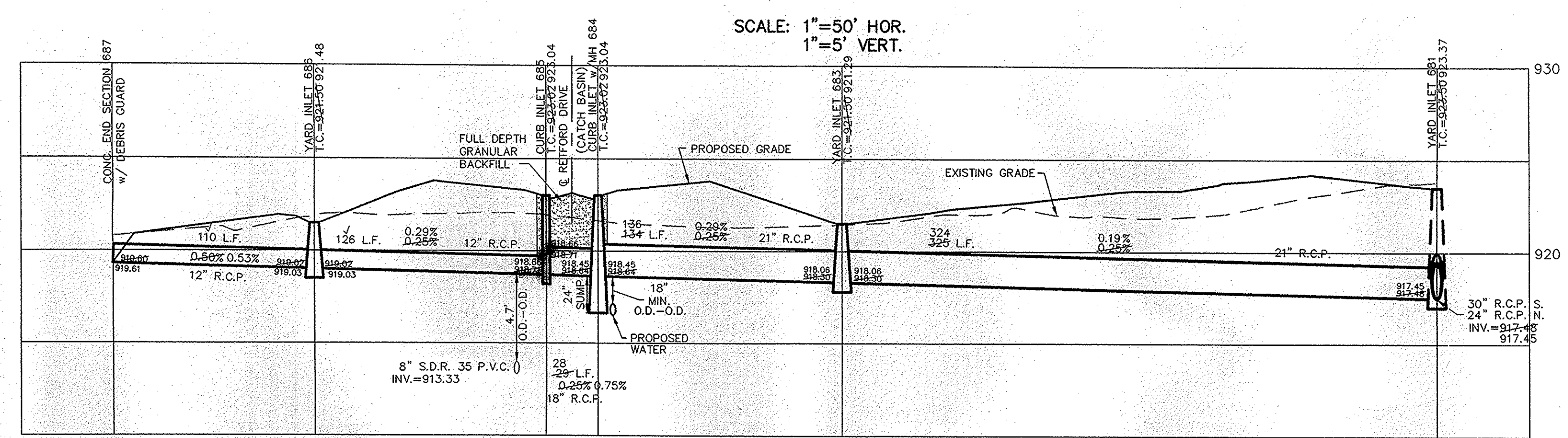
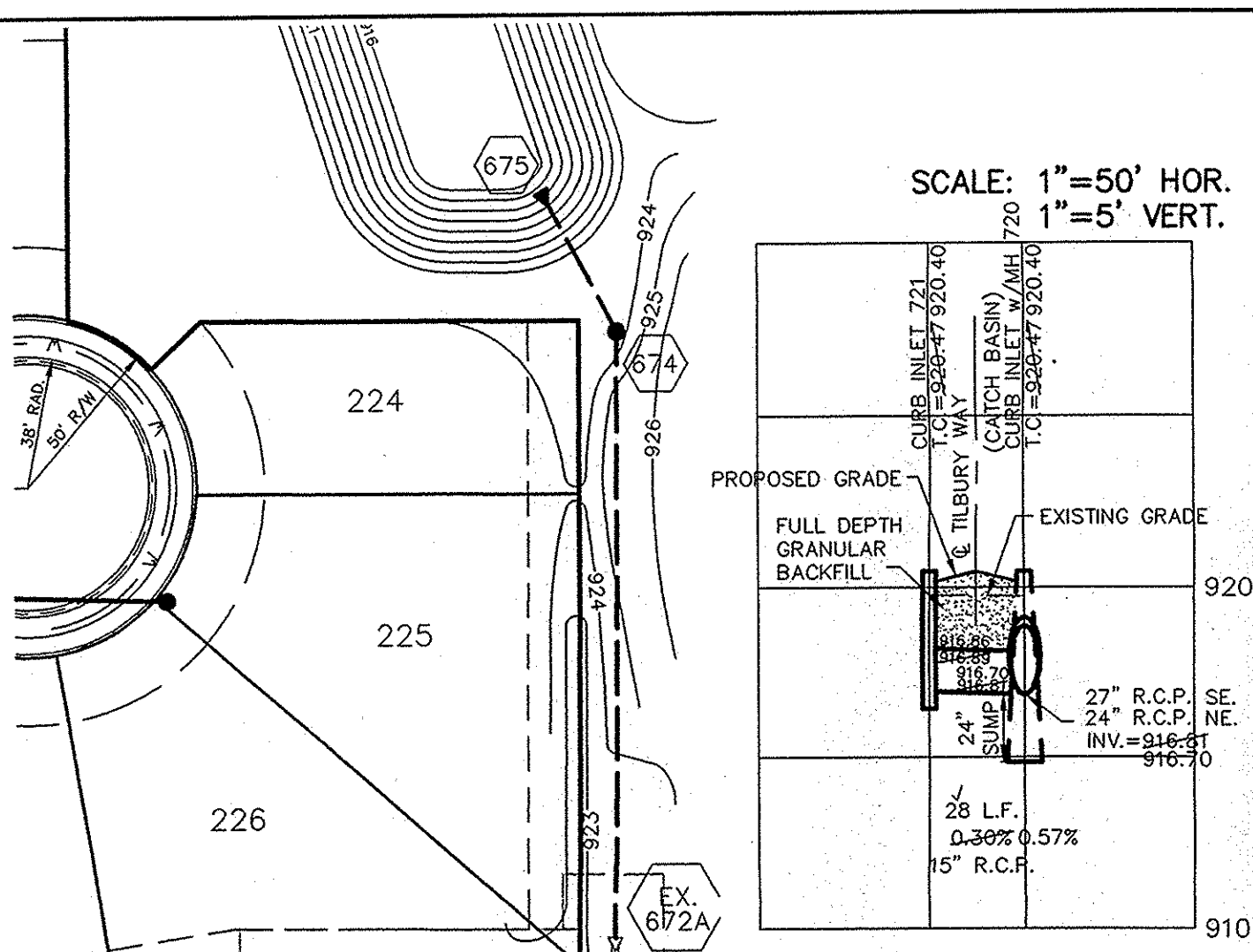
DATE: 8/25/08
MARK: [Signature]

CERTIFIED: 6/12/07
Dennis D. Olmstead
REGISTERED LAND SURVEYOR
No. 900012
STATE OF INDIANA
PROFESSIONAL ENGINEER

STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9940 Allisonville Rd., Fishers, IN 46038-2005
Phone: (317) 849-5935 Fax: (317) 849-5942
Toll Free: (800) 728-0917

SITE DEVELOPMENT PLAN
MAPLE VILLAGE SECTION THREE
INDIANA
WESTFIELD

DRAWN BY: BAH
CHECKED BY: EEF
SHEET NO: C200
S & A JOB NO: 50690PLA-53



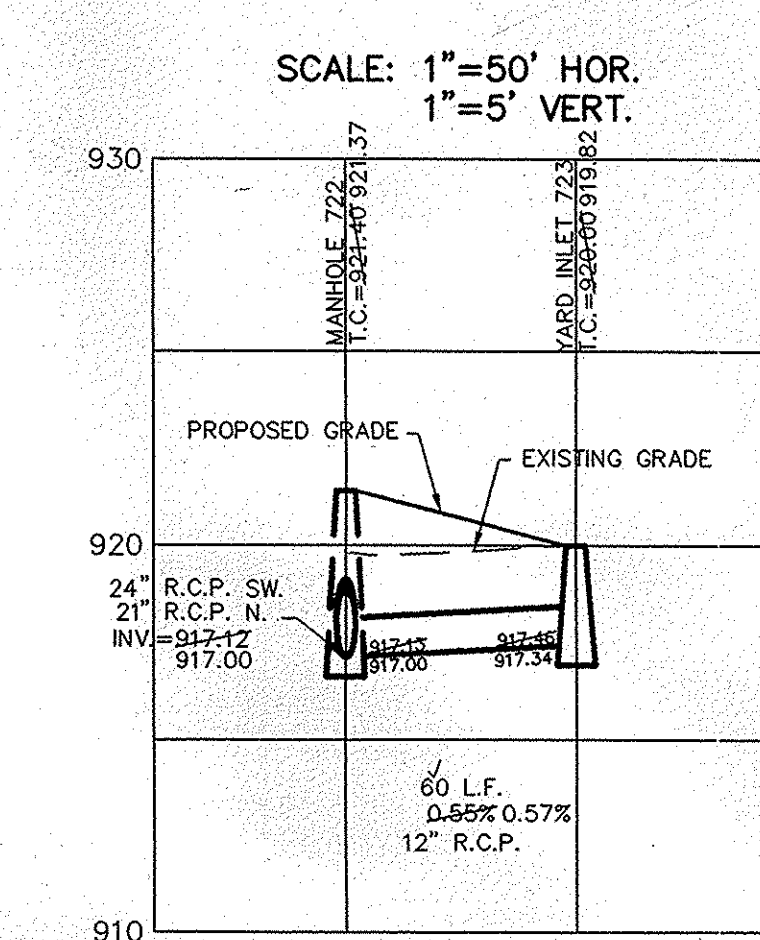
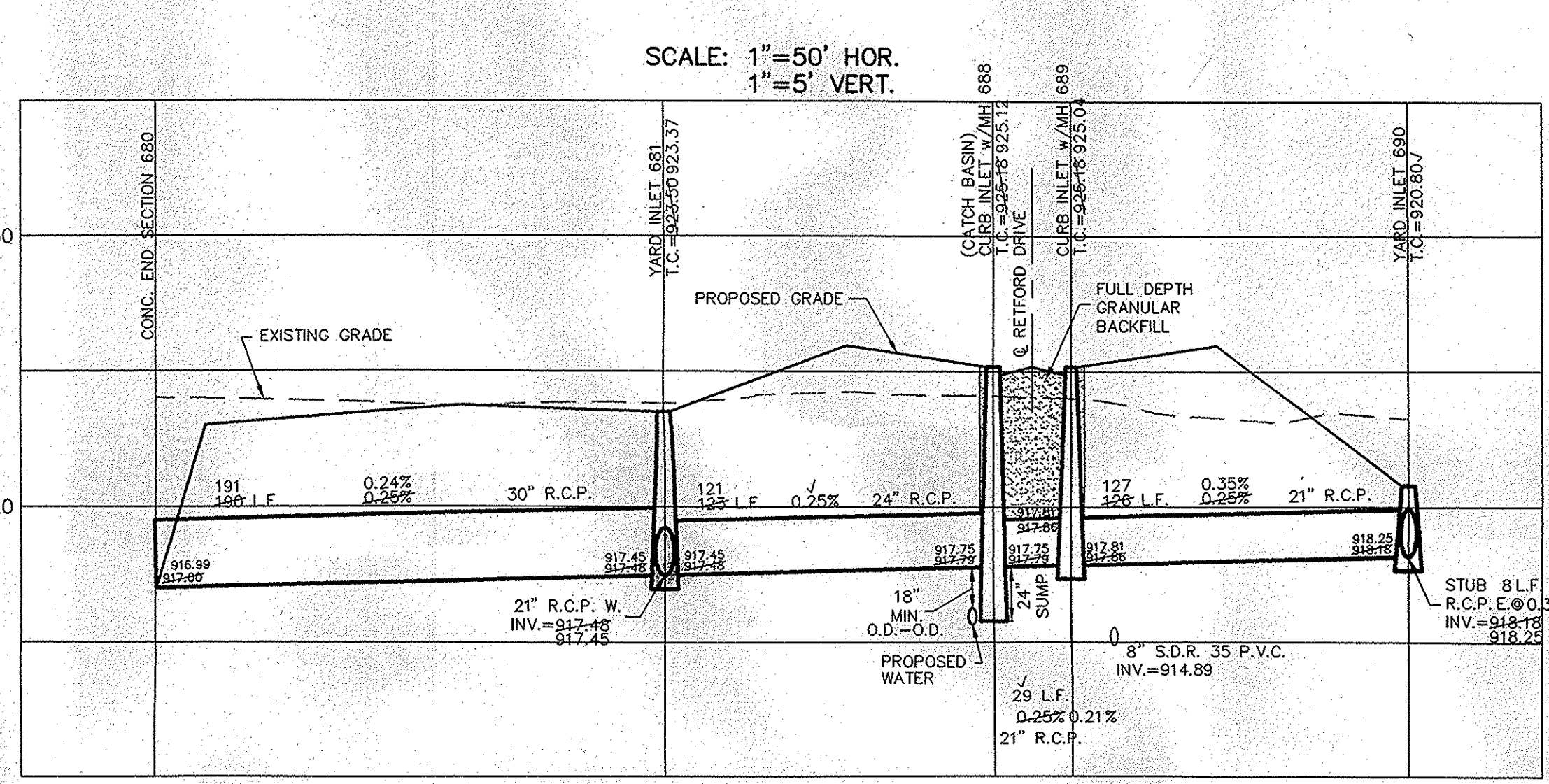
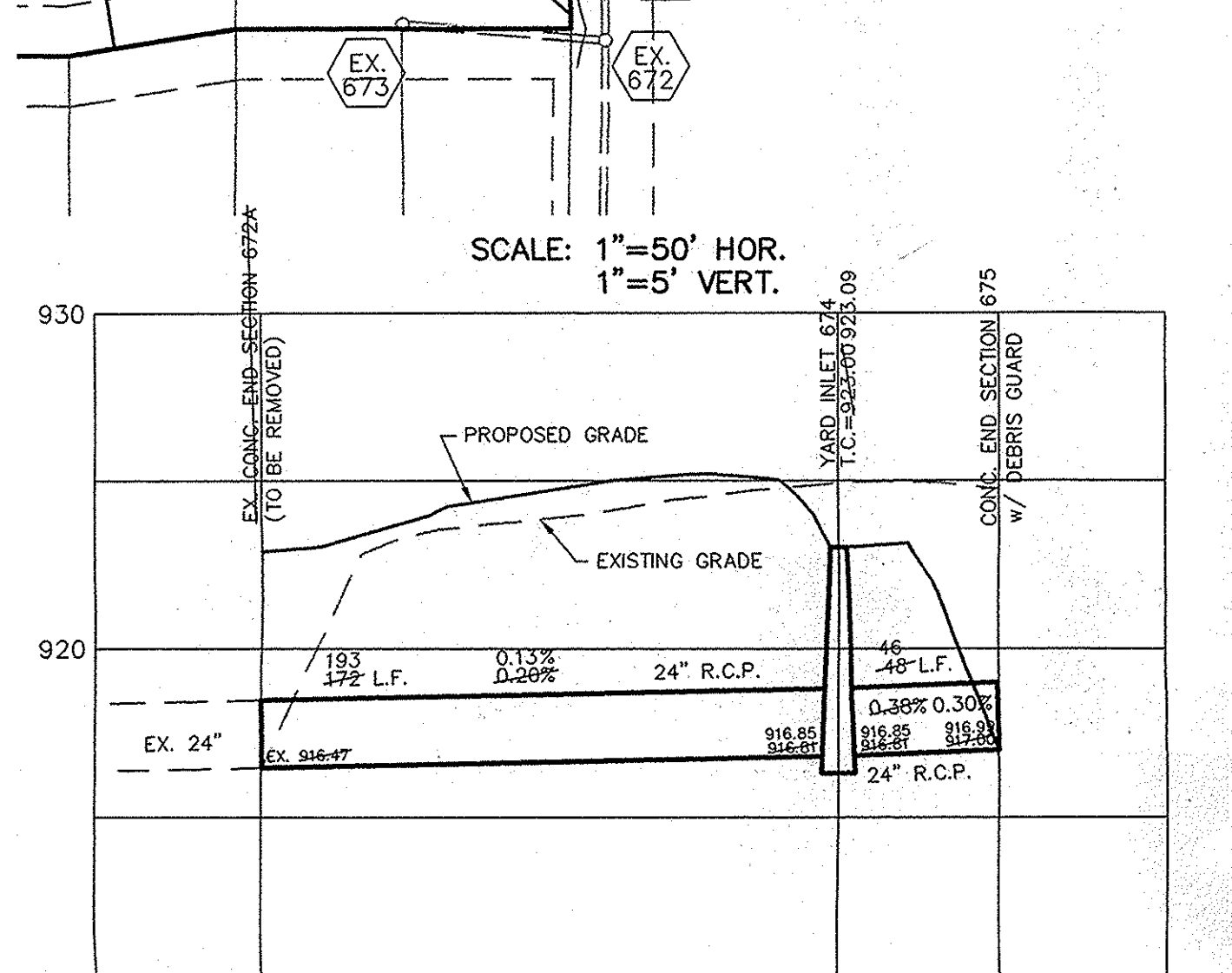
NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE ONE 4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"

ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE

ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.



CURB INLET TABLE

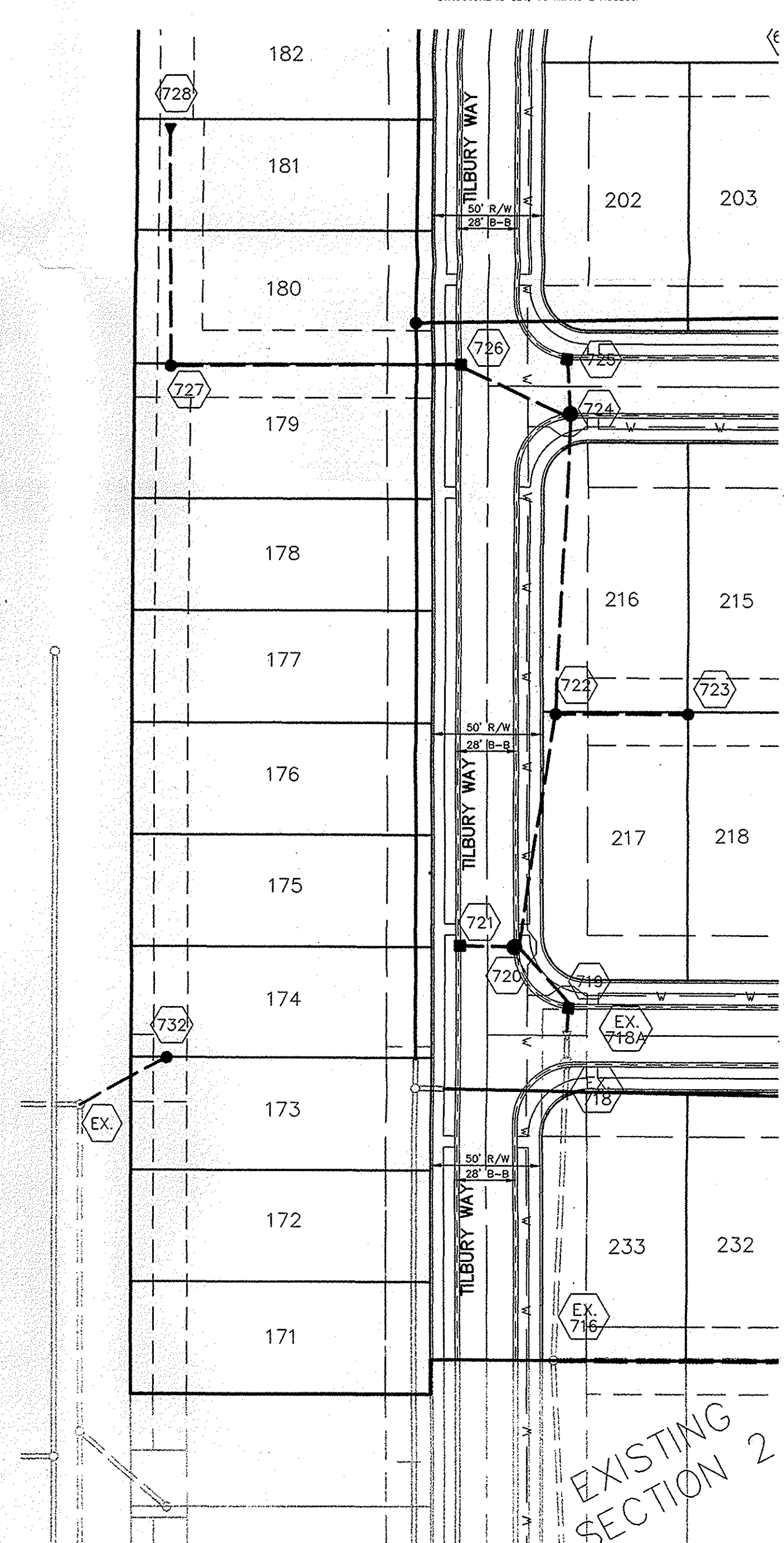
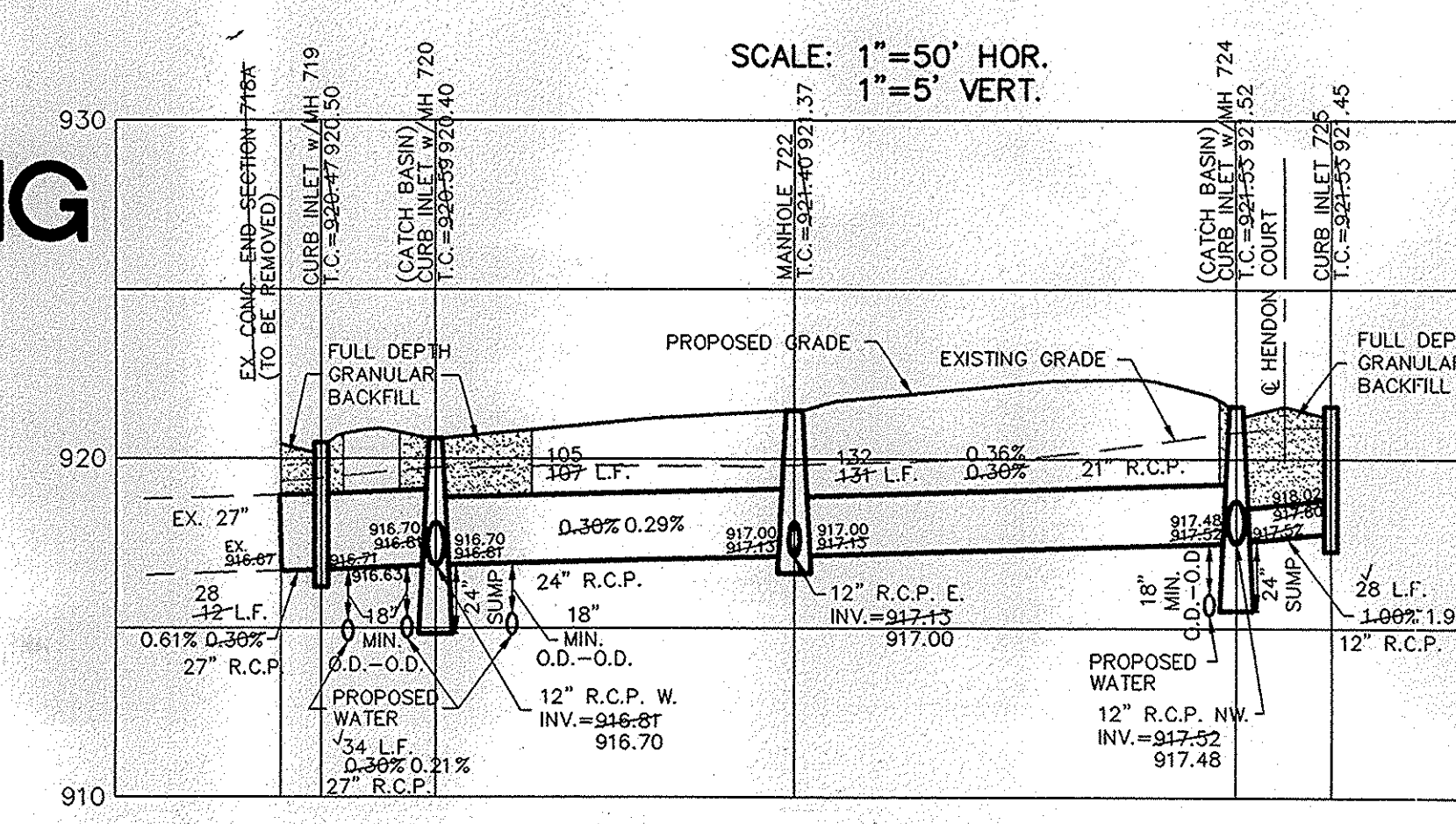
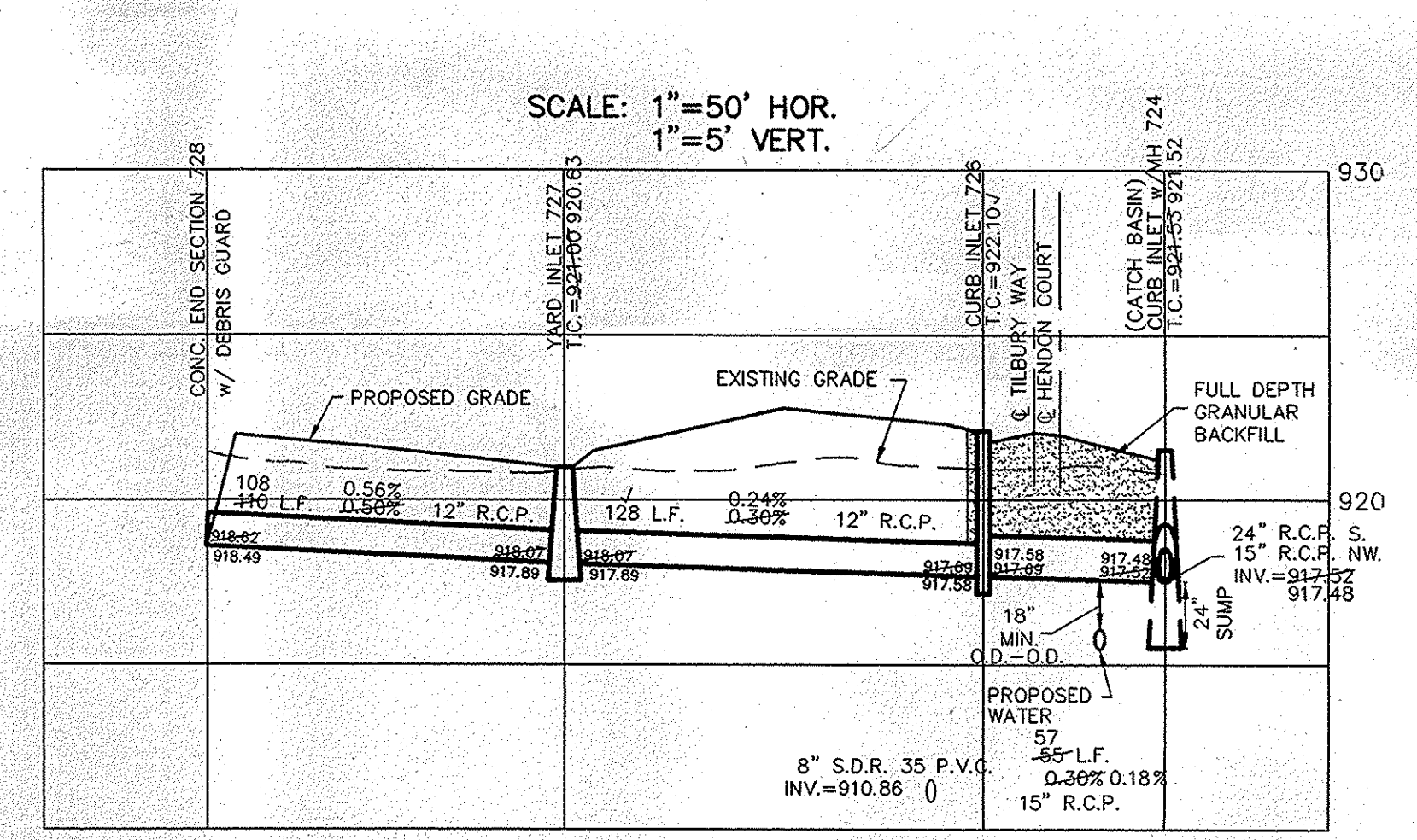
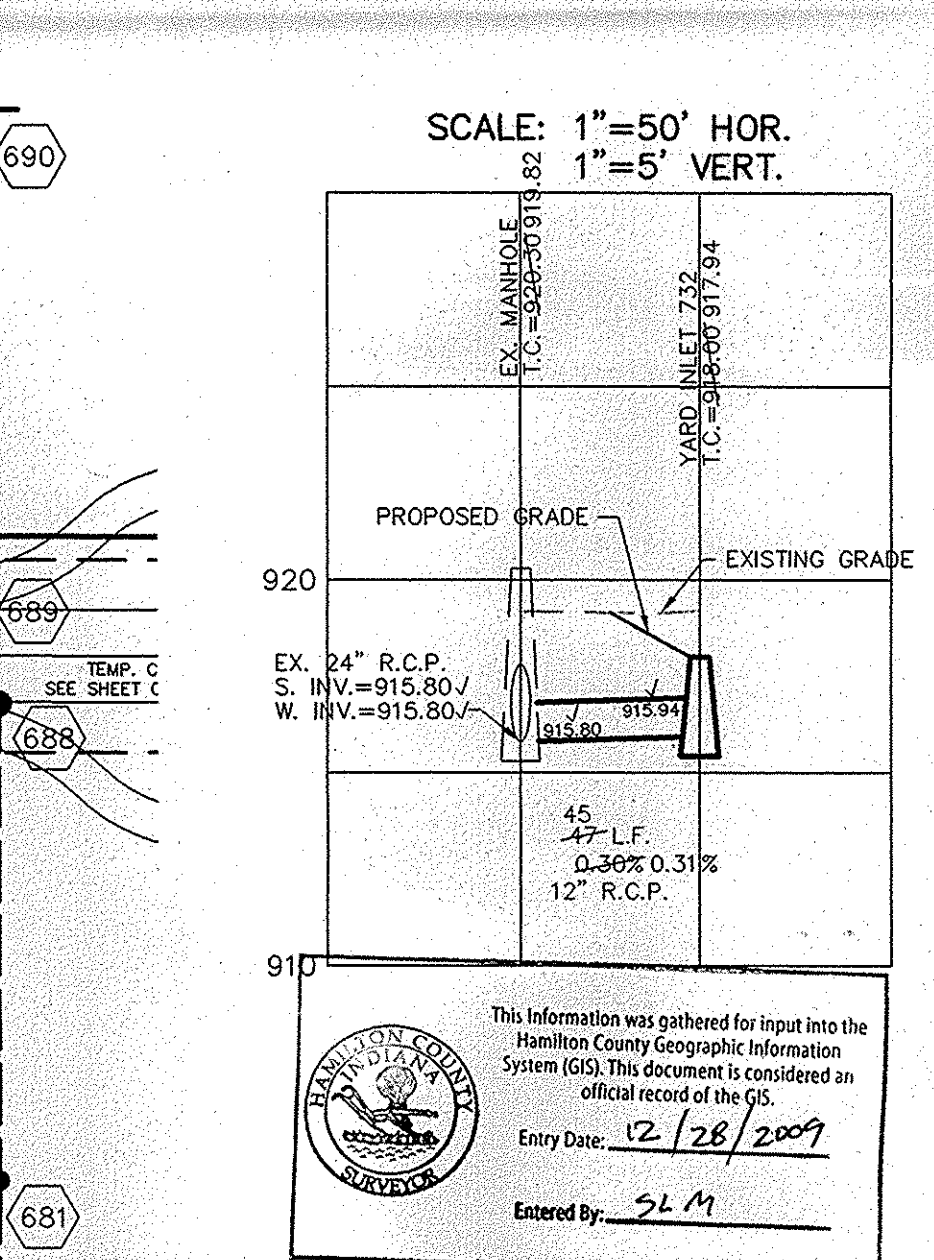
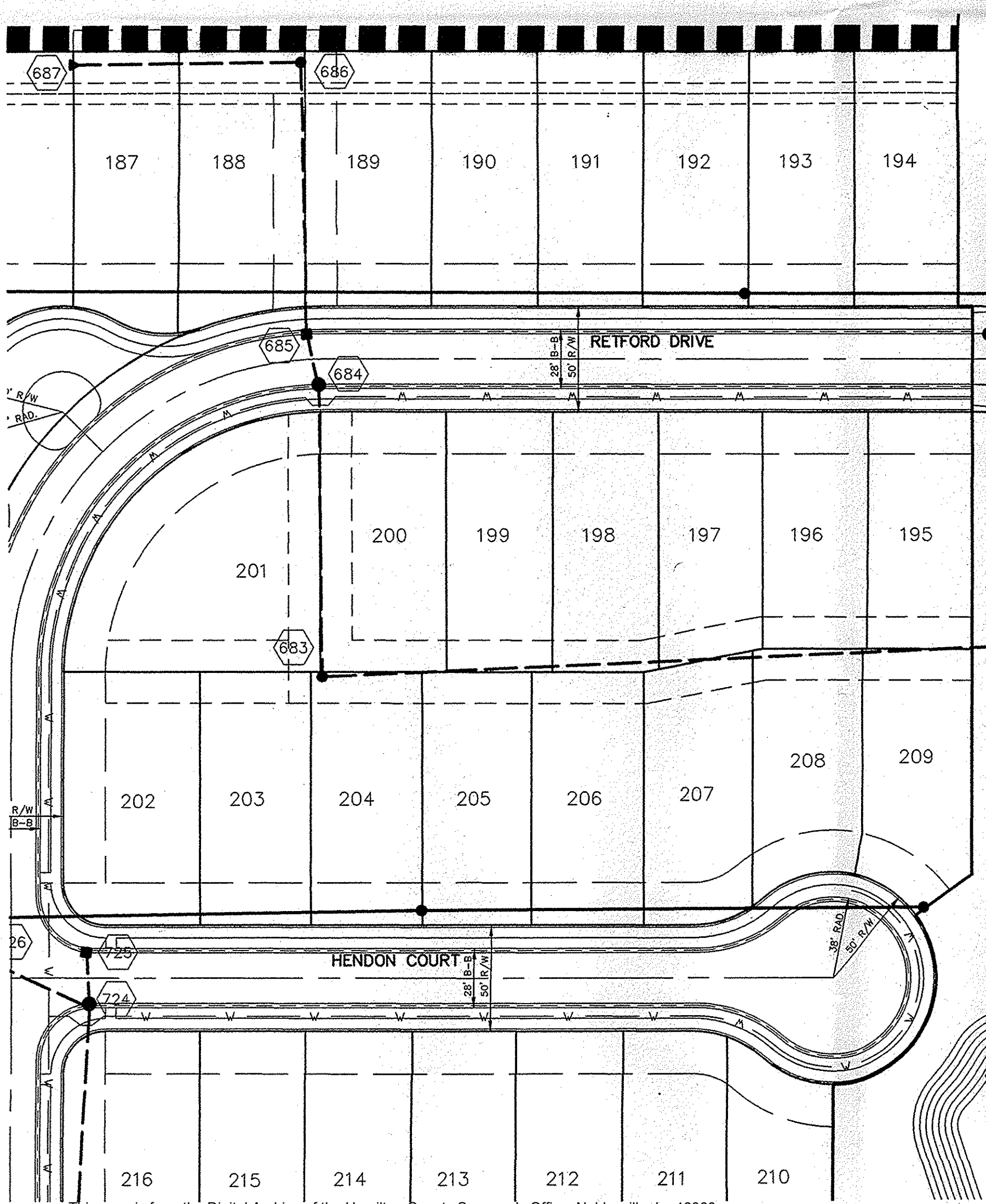
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING #R-3501 N	CASTING #3501 TL & TR
12" to 18"	24"x24"		DESIGN APPROVAL	No	Yes	Yes
12" to 21"	30"x30"		DESIGN APPROVAL	No	Yes	Yes
18" to 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" to 27"	24"x36"		DESIGN APPROVAL	No	No	Yes
12" to 24"	36"x36"		DESIGN APPROVAL	No	Yes	Yes
24" OR LARGER		MH/BOX	DESIGN APPROVAL	Yes**	Yes	Yes

* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX
** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

SPECIAL NOTE: STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A MIN. OF 4 BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.
SPECIAL NOTE: STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES
SPECIAL NOTE: COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

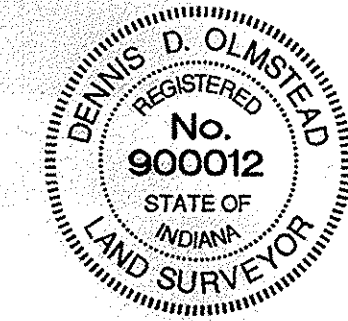
REGISTERED PROFESSIONAL ENGINEER
No. 19358
STATE OF INDIANA
David J. Stoepelwerth

CERTIFIED: 6/12/07



RECORD DRAWING

DENNIS D. OLNSTEAD
Registered Land Surveyor
DATE 8/25/08



STOEPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9940 Allisonville Rd., Fishers, IN 46038-2005
Phone: (317) 849-5935 Fax: (317) 849-5942
Toll Free: (800) 728-6917

INDIANA
WESTFIELD
STORM PLAN & PROFILES
MAPLE VILLAGE SECTION THREE
C600
SHEET NO. 6 & 8 B8 NO. 50690PLA-S3