



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

October 11, 2010

TO: Hamilton County Drainage Board

RE: Little Eagle Creek Drain, Maple Village Section 4A 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 4A 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:

12" RCP 15" RCP 775 ft. 28 ft. 21" RCP

6" SSD

132 ft. 2,266 ft.

The total length of the drain will be 3,201 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way 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:

Rear yard lots 276 to 280

Rear yard lots 283 to 288

Rear yard lots 312 to 317

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 \$65.00 per platted lot, \$10.00 per acre for common areas, 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 \$1,390.50.

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

Agent: Merchants Bonding Company

Date: August 30, 2011 Number: INC 45323

For: Storm Sewers & Sub-Surface Drains

Amount: \$50,196.00

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 (Sonoma) Section 4A as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 28, 2011.

Kenton C. Ward, CFM Hamilton County Surveyor

fat C. Wy

KCW/pll

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, Sections 4A & 4B, 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:

- 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

Yamel PB rome	
Signed	Signed
Kenneth Brasseur	
Printed Name	Printed Name
July 1, 2011	
Date	Date
Signed	Signed
Printed Name	Printed Name
Date	Date
LIMIC	1 1/4 11*



#### FINDINGS AND ORDER

#### CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain, Maple Village Section 4A Arm

On this 9<sup>th</sup> day of January, 2012, 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 4A 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: Lepette Moskungh



Maple Village Section 4A (AKA Sonoma)
Engineers Estimate - Storm Sewers & Monumentation

Prepared on: 8/25/11

Item	Unit	Uı	nit Cost	Quantities		Cost
Storm Drainage						
12" Pipe	LF	\$	20.00	753	\$	15.060
12" End Section	EA	\$	950.00	1	\$	950
12" Trash Guard	EA				\$	_
15" Pipe	LF	\$	23.00	28	\$	644
15" End Section	EA			0	\$	-
15" Trash Guard	EA			0	\$	-
18" Pipe	LF				\$	-
18" End Section	EA			0	\$	-
18" Trash Guard	EA			0	\$	_
21" Pipe	LF	\$	26.00	132	\$	3,43
21" End Section	EA			0	\$	-
21" Trash Guard	EA			0	\$	-
24" Pipe	LF			0	\$	- 1
24" End Section	EA			0	\$	-
24" Trash Guard	EA			0	\$	-
Standard Storm Manholes	EA	\$	1,550.00	5	\$	7,75
Large Storm Manholes & Double Inlets	EA	\$	1,800.00	2	\$	3,60
Storm Inlets	EA			0	\$	-
Sand Backfill and Bedding	TON			0.00	\$	-
Sub-total					\$	31,440
Sub-surface Drains - under curb	LF	\$	5.75	1,400	\$	8,050
Sub-surface Drains - sump laterals	LF				\$	-
Total					\$	39,490
Monuments & Markers						
Lot Corner Monuments	LOT	\$	100.00	20.00	\$	2,000
						,
Street Centerline Monumentation	EA	\$	170.00	2.00	\$	340
Total					\$	2,340
Erosion Control	LS		NA	NA	NA	
> Not Applicable - Property annexed by Town by Westfield MS4 permit.	of Westfield	and go	overned			
Total					\$	
Grand Total					\$	41,83
Per Hamilton County Ordinance - Bond Amour				120%	\$	50,19

Timothy J. Walter, P.E.

Indiana Registration No. 19900152







2100 FLEUR DRIVE • DES MOINES, IOWA 50321-1158 (515) 243-8171 · (515) 243-3854 FAX

HCDD-2011-90027

M.J. Schuetz Agency

55 Monument Circle, Suite 500

Indianapolis, IN 46204-5911

20DUNISION BOND	Dand Na	INC 45323
KNOW ALL PERSONS BY THESE PRESENTS:	bond No.	1110 43343
THAT we, D & R Excavating, Inc. dba Earth Resources		
ns Principal, and MERCHANTS BONDING COMPANY (MUTUAL) of Des the Surety) are held and firmly bound unto the Hamilton County Board of County Boa	Moines, Iowa Commissioners	(hereinafter called
s Obligee, in the penal sum of Fifty Thousand One Hundred Ninety Six Dol	ars	Letus 200 Charlob
lollars (\$50,196.00), lawful money of the United States to the paymer made, the Principal herein firmly binds himself (themselves), their heir and the said Surety binds itself, its successors, assigns, executors reverally, firmly by these presents.	s, executors, a	and administrators,
NOW THE CONDITION OF THIS OBLIGATION IS SUCH, THAT, when s platting certain lots entitled Maple Village (aka Sonoma) Section 4A	eas the above	bounden Principa
peing an official plat lying within the Town of Westfield		
County of		
, State of		
Storm Sewer, Subsurface Drains Under the Curbs only and Monumentation		
ALL such improvements to be completed in accordance with an agrithe Obligee.	eement betwe	een the Principal a
NOW, if the Principal shall in all respects fulfill this said obligation a shall satisfy all claims and demands incurred for same, and shall fully Obligee from all costs and damages which it may suffer by reason creimburse and repay the Obligee all outlays and expenses which it may default, then this obligation is to be void and of no effect; otherwise to rer	indemnify and of failure to day incur in ma	d save harmless the so and shall fulking good any such
IN WITNESS WHEREOF, we have hereunto set our hands and seals this		30th
lay of, 20_11		
D & R Excavating, Inc. dba Earth R	esources	

MERCHANTS BONDING COMPANY (MUTUAL)

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; (Noblesville, In 46060 CON 0303 (9/00)

Carolyn J Waggoner Attorney-in-Fact



Bond #:

INC 45323

Know All Persons By These Presents, that the MERCHANTS BONDING COMPANY (MUTUAL), a corporation duly organized under the laws of the State of lowa, and having its principal office in the City of Des Moines, County of Polk, State of Iowa, hath made, constituted and appointed, and does by these presents make, constitute and appoint

#### Carolyn J Waggoner

its true and lawful Attorney-in-Fact, with full power Indianapolis IN and State of and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

#### TEN MILLION (\$10,000,000.00) DOLLARS

and to bind the MERCHANTS BONDING COMPANY (MUTUAL) thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the MERCHANTS BONDING COMPANY (MUTUAL), and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following Amended Substituted and Restated By-Laws adopted by the Board of Directors of the MERCHANTS BONDING COMPANY (MUTUAL) on November 16, 2002.

ARTICLE II, SECTION 8 - The Chairman of the Board or President or any Vice President or Secretary shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

ARTICLE II, SECTION 9 - The signature of any authorized officer and the Seal of the Company may be affixed by facsimile to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed.

In Witness Whereof, MERCHANTS BONDING COMPANY (MUTUAL) has caused these presents to be signed by its President and its corporate seal to be hereto affixed, this 10th day of September , 2010 .



MERCHANTS BONDING COMPANY (MUTUAL)

STATE OF IOWA COUNTY OF POLK ss.

September 2010 before me appeared Larry Taylor, to day of me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL), the corporation described in the foregoing instrument, and that the Seal affixed to the said instrument is the Corporate Seal of the said Corporation and that the said instrument was signed and sealed in behalf of said Corporation by authority of its Board of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.

> CINDY SMYTH Commission Number 173504 My Commission Expires March 16, 2012

Notary Public, Polk County, Iowa

STATE OF IOWA COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL), do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said MERCHANTS BONDING COMPANY (MUTUAL), which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Company on

this

30th day of August

William Harrer Is

This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060 POA 0005 (1/09)

1933





Bond #:

**INC 45323** 

Know All Persons By These Presents, that the MERCHANTS BONDING COMPANY (MUTUAL), a corporation duly organized under the laws of the State of Iowa, and having its principal office in the City of Des Moines, County of Polk, State of Iowa, hath made, constituted and appointed, and does by these presents make, constitute and appoint

#### Carolyn J Waggoner

of **Indianapolis** and State of **IN** its true and lawful Attorney-in-Fact, with full power and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

#### TEN MILLION (\$10,000,000.00) DOLLARS

and to bind the MERCHANTS BONDING COMPANY (MUTUAL) thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the MERCHANTS BONDING COMPANY (MUTUAL), and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following Amended Substituted and Restated By-Laws adopted by the Board of Directors of the MERCHANTS BONDING COMPANY (MUTUAL) on November 16, 2002.

ARTICLE II, SECTION 8 - The Chairman of the Board or President or any Vice President or Secretary shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

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In Witness Whereof, MERCHANTS BONDING COMPANY (MUTUAL) has caused these presents to be signed by its President and its corporate seal to be hereto affixed, this  $10 \, \mathrm{th}$  day of September , 2010



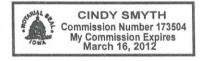
MERCHANTS BONDING COMPANY (MUTUAL)

Providen

STATE OF IOWA COUNTY OF POLK ss.

On this 10th day of September , 2010 before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL), the corporation described in the foregoing instrument, and that the Seal affixed to the said instrument is the Corporate Seal of the said Corporation and that the said instrument was signed and sealed in behalf of said Corporation by authority of its Board of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.



Notary Public, Polk County, Iowa

STATE OF IOWA COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL), do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said MERCHANTS BONDING COMPANY (MUTUAL), which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Company on

this 30th

day of

August

2011

William Warn
Secretary

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

### BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

#### Little Eagle Creek Drain, Maple Village Section 4A Arm

NOTICE

То	Whom	Ιt	Мау	Concern	and:	

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the Little Eagle Creek Drain, Maple Village Section 4A Arm on November 28, 2011 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

#### Little Eagle Creek Drain, Maple Village Section 4A 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 9, 2012** 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





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

August 20, 2013

Re: Little Eagle Creek Drain: Maple Village Section 4A

Attached are as-builts, certificate of completion & compliance, and other information for Maple Village Section 4A. 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 11, 2010. The report was approved by the Board at the hearing held January 9, 2012. (See Drainage Board Minutes Book 14, Pages 72-73) The changes are as follows:

The 12" RCP was lengthened from 750 feet to 784 feet. The 15" RCP was lengthened from 28 feet to 29 feet. The 21" RCP was shortened from 132 feet to 131 feet. The 6"SSD was shortened from 2266 feet to 2215 feet.

The length of the drain due to the changes described above is now 3159 feet.

The non-enforcement was approved by the Board at its meeting on January 9, 2012 and recorded under instrument #2012009887.

The following sureties were guaranteed by Merchants Bonding Company and released by the Board on its March 12, 2012 meeting.

Bond-LC No: INC45323

**Insured For:** Storm Sewers, SSD, and Monuments & Markers

**Amount:** \$50,196

Issue Date: August 30, 2011

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

Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm

#### CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor Re: Maple Village, Section 4A 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. 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. Date: August 8, 2013 Signature: Type or Print Name: Dennis D. Olmstead Stoeppelwerth & Associates, Inc. Business Address: 9765 East 106th Street, Fishers, Indiana 46038 Telephone Number: (317) 849-5935 INDIANA REGISTRATION NUMBER SEAL 900012

**LOCATION MAP** 

SCALE: 1" =800'

# MAPLEVILLAGE SECTION 4A & 4B (A.K.A. SONOMA)

### **Developed by:**

Platinum Properties L.L.C. 9757 Westpoint Drive, Suite 600 Indianapolis, Indiana 46256 Phone: (317) 863-2057 **Contact Person: Tim Walter** 

# RECORD DRAWING SECTION 4A STORM ONLY

**SECTION** 

SCALE: 1'' = 250'

FLOOD INSURANCE RATE MAP HAMILTON COUNTY, PANEL 120 OF 290 (SEE MAP INDEX FOR PANELS NOT PRINTED! ZONE X 160080 0120 160083 0120 hickee to User: The MAP NUMBER shown blow should be used when placing map orders; the COMMUNITY NUMBER shown should be used on kneerance applications for the subject conversable. 18057C0120F EFFECTIVE DATE: FEBRUARY 19, 2003

> Flood Map (NOT TO SCALE)

SHT.	DESCRIPTION	
C001	COVER SHEET	
C100	TOPOGRAPHICAL SURVEY	
C200-C202	SITE DEVELOPMENT PLANS	:
C300-C307	EROSION CONTROL PLANS & SPECIFICATIONS	
C400-C403	STREET PLAN & PROFILES / INTERSECTION DETAILS / TRAFFIC	PLAN
C500-C501	SANITARY SEWER PLAN & PROFILES	
C600-C603	STORM SEWER PLAN & PROFILES	
C700-C701	WATER PLANS / WATER DETAILS	
C800-C805	CONSTRUCTION DETAILS	
	SANITARY	
	STORM	
	STREET	
	SPECIFICATIONS	
1		

INDEX

REVISIONS				
SHT.	DESCRIPTION			
ALL	REVISED PER TAC COMMENTS 8/1/11 BAH			
ALL	REVISE STORM EAST SIDE OF PROJECT 9/19/11 TWF			
3	ASBUILTS FOR SECTION 4A STORM ONLY-COVER, 600 & 601 11/3/11	RJ		

#### MAPLE VILLAGE SECTION 4A

, the undersigned Registered Land Surveyor hereby certify that the included plat correctly represents a subdivision of part of the Northwest Quarter of Section 3, Township 18 North, lange 3 East, Hamilton County, Indiana, more particularly described as follows:

Commencing at the Northeast corner of said Quarter Section being marked by a Harrison Monument: thence South 00 degrees 08 minutes 11 seconds West along the East line of said Quarter Section, 1,398.76 feet to the POINT OF BEGINNING of this description; thence the North line of Maple Village, Section 5 Recorded as Instrument No. 201005341 in the along said North line; 1.) North 89 degrees 52 minutes 08 seconds West 180.01 feet; 2.) South 00 degrees 07 minutes 52 seconds West 4.61 feet; 3.) North 89 degrees 52 minutes 08 econds West 280.00 feet; 4.) South 81 degrees 32 minutes 51 seconds West 53.60 feet; 5.) North 89 degrees 52 minutes 08 seconds West 80.50 feet to the East line of Maple Village, Section 2, Recorded as Instrument No. 2007054895 in said Recorder's Office; thence North 00 degrees 07 minutes 52 seconds East along said East line a distance of 8.00 feet to the Southeast corner of Maple Village, Section 3, Recorded as Instrument No. 2008036263 in said Recorder's Office; the next six(6) calls being on and along the East lines of said Maple Village, Section 3; 1.) North 00 degrees 07 minutes 52 seconds East 192.85 feet: 2.) North 89 degrees 52 minutes 08 seconds West 110.91 feet; 3.) South 47 degrees 00 minutes 26 seconds West 20.00 feet to a point on a curve concave southwesterly, the radius point of said curve being South 47 degrees 00 minutes 26 seconds West 50.00 feet from said point; 4.) northwesterly along said curve 28.79 feet to the point of tangency of said curve, said point being North 14 degrees 01 minutes 04 seconds East 50.00 feet from the radius point of said curve; 5.) North 00 degrees 07 minutes 52 seconds East 191.46 feet to a point on a curve concave northwesterly, the radius point of said curve being North 00 degrees 07 minutes 52 seconds East 50.00 feet from said point; 6.) northeasterly along said curve 81.14 feet to the point of tangency of said curve, said point being North 87 degrees 09 minutes 16 seconds East 50.00 feet from the radius point of said curve; thence South 89 degrees 52 minutes 08 seconds East 160.63 feet to a point on a curve concave easterly, the radius point of said curve being South 86 degrees 53 minutes 32 seconds East 50.00 feet from said point; thence southerly along said curve 21.65 feet to the point of tangency of said curve, said point being South 68 degrees 17 minutes 35 seconds West 50.00 feet from the radius point of said curve; thence South 68 degrees 17 minutes 36 seconds West 38.34 feet; thence South 00 degrees 07 minutes 52 seconds West 112.14 feet; thence South 89 degrees 52 minutes 08 seconds East 385.00 feet; thence North 00 degrees 07 minutes 52 seconds East 14.61 feet; thence South 89 degrees 52 minutes 08 seconds East 50.00 feet; thence continuing South 89 degrees 52 minutes 08 seconds East along said line, a distance of 130.04 feet to the place of beginning, containing 4.931 acres, more or less, subject to all legal highways, rights-of-way, easements, and restrictions of record.

171ST STREET

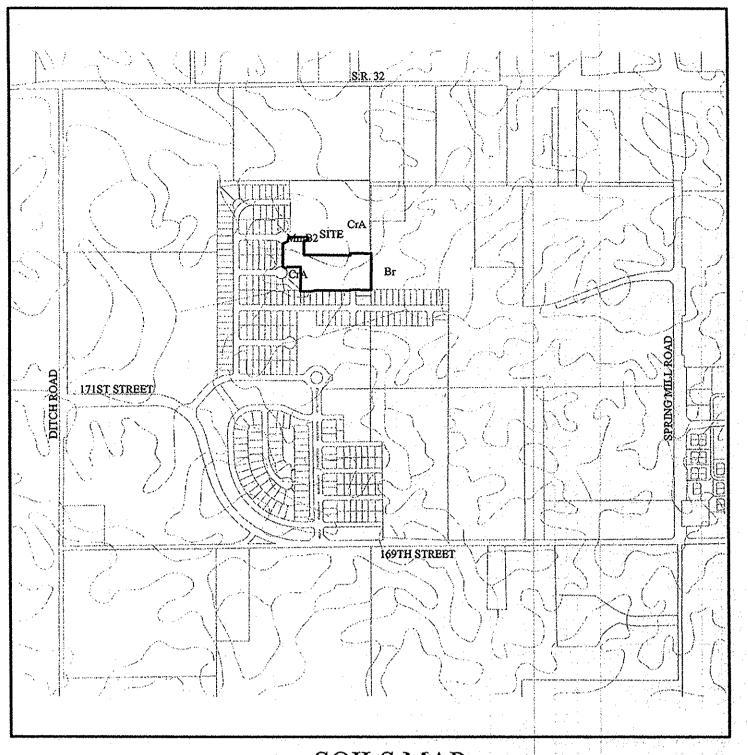
as extracted using F-MIT On-Line. This map does not reflect changes amendments which may have been made subsequent to the date on the e block. For the latest product information about National Flood Insura ogram flood maps check the FEMA Flood Map Store at www.msc.fem

### MAPLE VILLAGE SECTION 4B

I, the undersigned Registered Land Surveyor hereby certify that the included plat correctly represents a subdivision of part of the Northwest Quarter of Section 3, Township 18 North, Range 3 East, Hamilton County, Indiana, more particularly

Commencing at the Northeast corner of said Quarter Section being marked by a Harrison Monument; thence South 00 degrees 08 minutes 11 seconds West along the East line of said Quarter Section, 793.84 feet to the POINT OF BEGINNING of this description; thence continuing South 00 degrees 08 minutes 11 seconds West 604.92 feet; thence North 89 degrees 52 minutes 08 seconds West 180.04 feet; thence South 00 degrees 07 minutes 52 seconds West 14.61 feet; thence North 89 degrees 52 minutes 08 seconds West 385.00 feet; thence North 00 degrees 07 minutes 52 seconds East 112.14 feet; thence North 68 degrees 17 minutes 36 seconds East 38.34 feet to a point on a curve concave easterly, the radius point of said curve being North 68 degrees 17 minutes 36 seconds East 50.00 feet from said point; thence northerly along said curve 21.65 feet to the point of tangency of said curve, said point being North 86 degrees 53 minutes 31 seconds West 50.00 feet from the radius point of said curve; thence North 89 degrees 52 minutes 08 seconds West 160.63 feet to the East line of Maple Village, Section 3, Recorded as Instrument No. 2008036263 in the office of the Recorder of Hamilton County, Indiana; the next five(5) calls being on and along said East line; said point also being a point on a curve concave westerly, the radius point of said curve being South 87 degrees 09 minutes 16 seconds West 50.00 feet from said point; 1.) northerly along said curve 29.03 feet to the point of tangency of said curve, said point being North 53 degrees 53 minutes 16 seconds East 50.00 feet from the radius point of said curve; 2.) North 53 degrees 53 minutes 16 seconds East 32.86 feet; 3.) North 00 degrees 07 minutes 52 seconds East 269.12 feet; 4.) North 89 degrees 52 minutes 08 seconds West 6.83 feet; 5.) North 00 degrees 07 minutes 52 seconds East 155.56 feet to the Northerly Right of Way line of the former Central Indiana Railroad; thence South 89 degrees 56 minutes 26 seconds East along said North line a distance of 683.59 feet to the place of beginning, containing 9.200 acres, more or less, subject to all legal highways, rights-of-way, easements, and restrictions of record.





#### SOILS MAP SCALE: 1" =300'

Br: Brookston silty clay loam- this soil is dark colored, silty in texture and on depressional uplands. It is deep and very poorly drained with moderate permeability. It has high available water for plant growth and high organic matter content. It has compact till starting at a depth of 40 to 60 inches. The main soil features that affect the urban development uses are seasonal high water table, high potential frost action, moderate shrink-swell potential, moderate permeability and ponded surface water Because of these engineering limitations this site will be constructed as follows. Maple Village, Section Three, being a singlefamily development within the jurisdiction of The City of Westfield and Hamilton County will have to abide by the current Subdivision Control Ordinance. This ordinance requires that we have an artificially drained site and that the buildings within this development be well above the 100yr elevation of the proposed detention basins and therefore be protected from flooding. All buildings will be of large slab type construction. In cases where a high water table is present special footings shall be constructed. All roads will have adequate sub-base. All sanitary sewers shall be public and therefore no septic systems shall be allowed Crosby silt loam, 0-3 percent slopes- this soil is light colored, silty in texture and on sloping uplands. It is deep and

CrA: poorly drained with slow permeability. It has high available water for plant growth and medium organic matter content The soil has compact till starting at a depth between 20-40 inches. The main soil features that affect urban development uses are seasonal high water table, moderate shrink-swell potential, high potential frost action and slow permeability. Because of these engineering limitations this site will be constructed as follows. Maple Village, Section Three, being a singlefamily development within the jurisdiction of The City of Westfield and Hamilton County will have to abide by the current Subdivision Control Ordinance. This ordinance requires that we have an artificially drained site and that the buildings within this development be well above the 100yr elevation of the proposed detention basins and therefore be protected from flooding. All buildings will be of large slab type construction. In cases where a high water table is present special footings shall be constructed. All roads will have adequate sub-base. All sanitary sewers shall be public and therefore no septic systems shall be

MmB2: Miami silt loam, 2 to 6 percent slopes, eroded This moderately well drained soil has a seasonal high watertable at 2.0 to 3.5 ft, and is on sideslopes and rises on uplands. Slopes are 2 to 6 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low organic matter content (1.0 to 2.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is low (5.9 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and water erosion are management concerns for crop production.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS LATEST EDITION TO BE USED WITH THESE PLANS UNLESS ALTERNATE SPECIFICATIONS ARE SHOWN WITHIN.

WESTFIELD CONSTRUCTION STANDARD DETAILS AND SPECIFICATIONS LATEST EDITIONS TO BE USED WITH THESE PLANS.

SPEED LIMIT = 25 M.P.H

**DESIGN DATA S4A** 

SPEED LIMIT = 25 M.P.H

**DESIGN DATA S4B** 

20 LOTS 4.93 AC. = 4.05 LOTS/ACRE 42 LOTS 9.20 AC. = 4.56 LOTS/ACRE

RETFORD DRIVE = KEMPSON COURT = TOTAL =

300.00 L.F. 360.00 L.F. 660.00 L.F.

RETFORD DRIVE =

DENTON COURT = TOTAL =

PLANS PREPARED BY: STOEPPELWERTH & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 7965 E. 106TH STREET, FISHERS, INDIANA 46038 PHONE:

(317)-849-5935 FAX: (317)-849-5942

CONTACT PERSON: BRIAN K. ROBINSON

PLANS CERTIFIED BY:

PROFESSIONAL ENGINEER

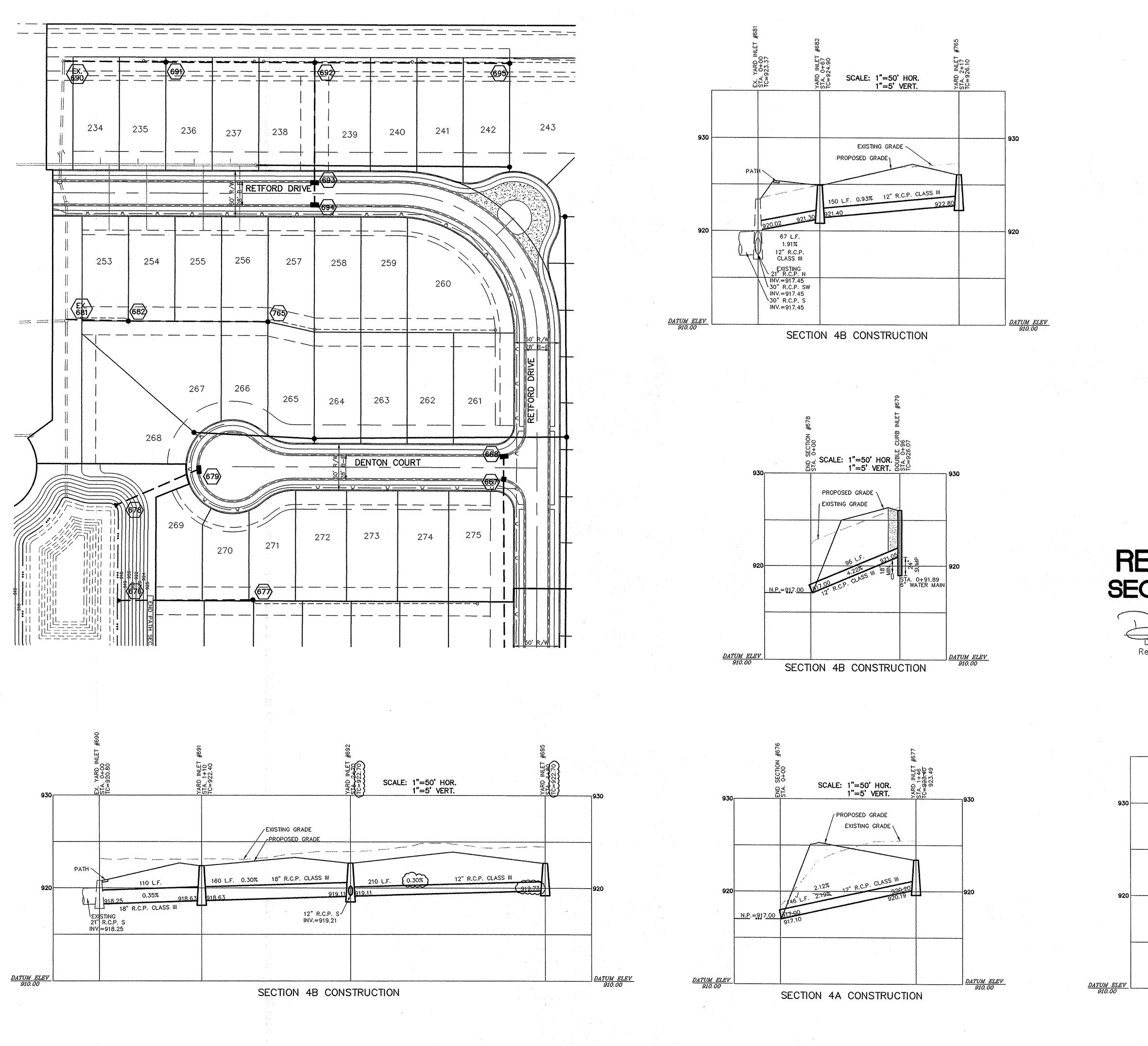
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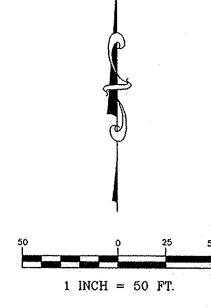


880.79 L.F.

328.00 L.F.

1,208,79 L.F





NOTES:

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.

DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.



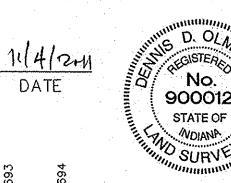
DENOTES FULL DEPTH GRANULAR BACKFILL

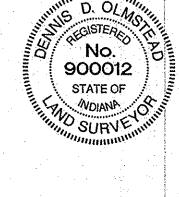
STATIONS ON CROSSINGS ARE FROM THE DOWN STREAM MANHOLE.

# RECORD DRAWING SECTION 4A STORM ONLY

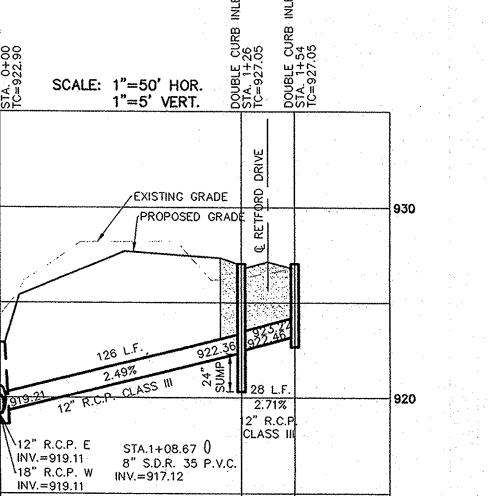
SECTION 4B CONSTRUCTION

Registered Land Surveyor No. 900012





DATUM ELEV 910.00



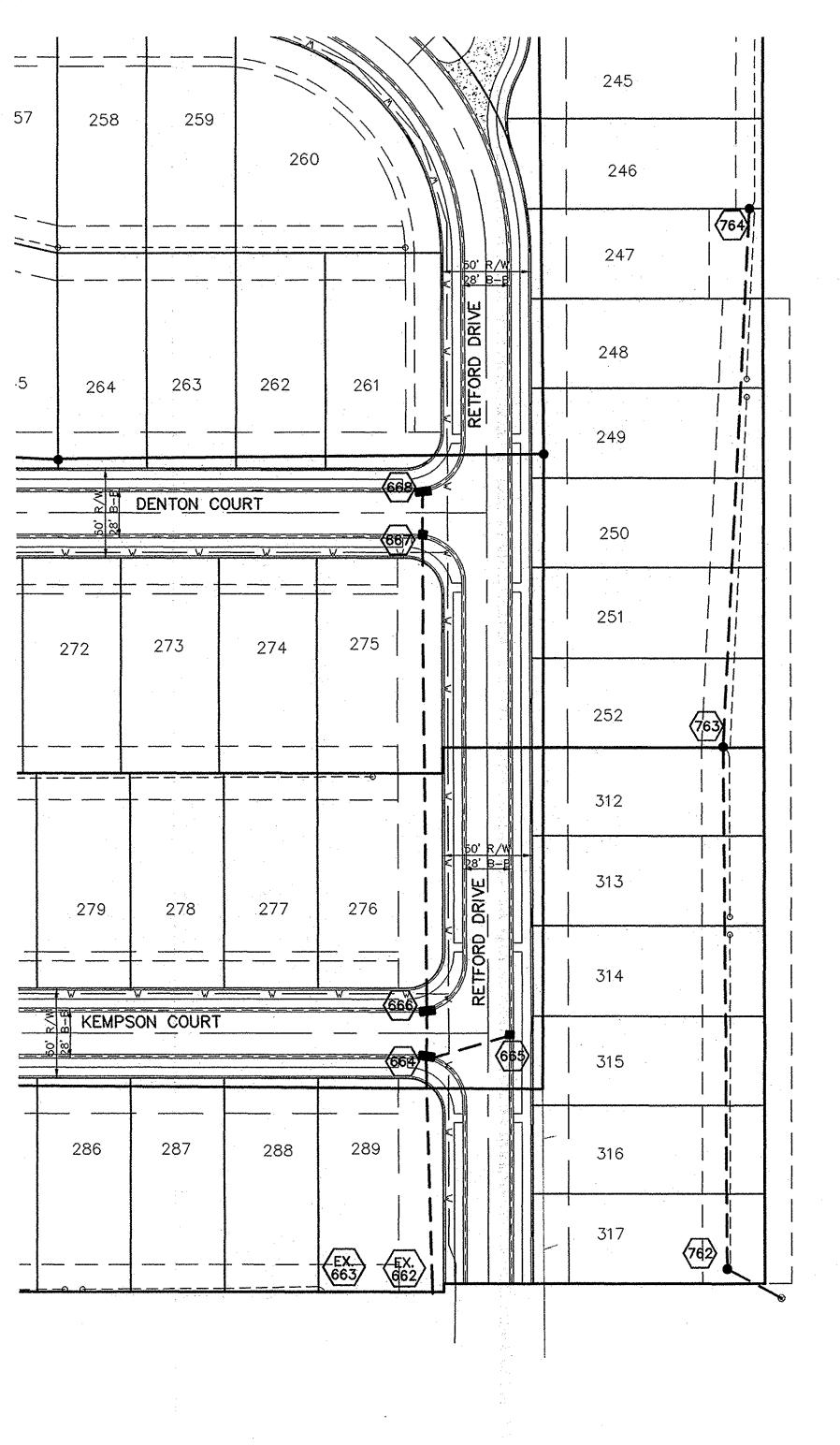
SONOMA) PROFILE VILLAGE SECTION TOWNSHIP PLAN STORM MAPLE

10200495

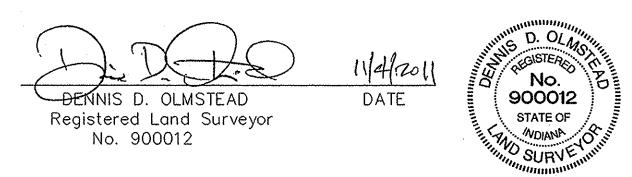
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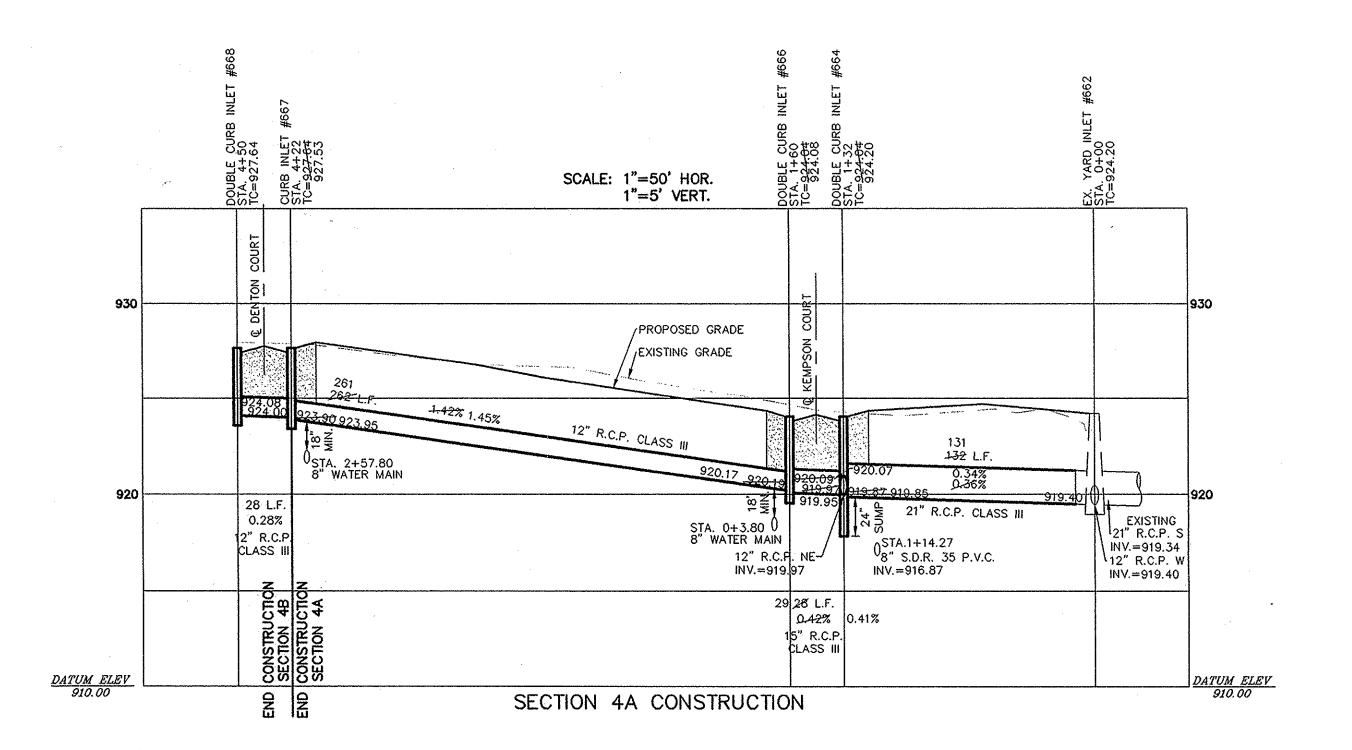
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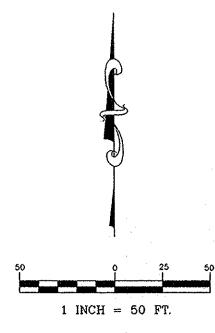
DRAWN BY: CHECKED BY:
KRG BKR
SHEET NO. s & A JOB NO. 50690PLA—S4



## RECORD DRAWING SECTION 4A STORM ONLY







#### NOTES:

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.

No. 10200495

STATE OF

. MOIANA.

PROFILE

PLAN

STORM

DRAWN BY: KRG

C60

\$ & A JOB NO. 50690PLA-S4

MAPL

CHECKED BY: BKR

SONOMA

ALL STORM SEWER CASTINGS SHALL BE LABELED
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