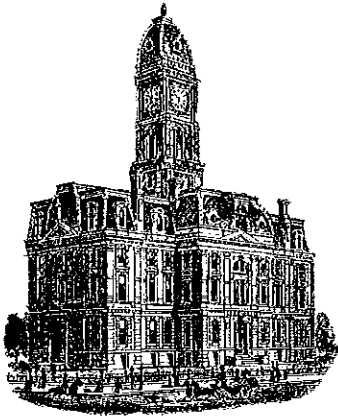


KCW



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

October 1, 2015

To: Hamilton County Drainage Board

Re: Little Eagle Creek Drain, Maple Knoll Section 7 Arm

Attached is a petition filed by Maple Knoll Developer, LLC, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Maple Knoll Section 7 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	543 ft.	15" RCP	358 ft.
18" RCP	290 ft.	21" RCP	34 ft.
24" RCP	113 ft.	6" SSD	6,052 ft.

The total length of the drain will be 7,390 feet.

The retention pond (Lake #11) located in Common Area #18A is to be considered part of the regulated drain, as other prior retention ponds in Maple Knoll are also part of the regulated drain. Pond maintenance assumed by the Drainage Board shall include the inlet and outlet as part of the regulated drain. The maintenance of the ponds (Lake #11) such as sediment removal and erosion control along the bank, mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will also 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 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:

Curbline SSD in Streets:

Bingham Drive
Southwell Drive
Pearse Lane
Workington Way
Connolly Drive

Rear Yard SSDs:

Rear yard lots 414 to 416 from ex. Str. 323 to ex. Str. 324
Rear yard lots 417 to 419 from Str. 318A to Str. 325B
Rear yard lot 419 and 420 from Str. 318A to Str. 318
Rear yard lots 421 to 427 from Str. 318 running east to riser
Rear yard lot 431 from Str. 314 running north & west to riser
Rear yard lot 430 from Str. 314 to Str. 314A
Rear yard lots 428 and 429 from Str. 314A running south to riser
Rear yard lots 432 to 438 & lot 365 from Str. 313C running
north to existing riser

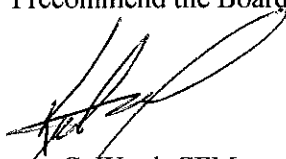
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per 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 will be \$2,993.70.

In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

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 requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for Maple Knoll Section 7 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 23, 2015.



Kenton C. Ward, CFM
Hamilton County Surveyor
KCW/pll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

FILED

OCT 01 2015

OFFICE OF HAMILTON COUNTY SURVEYOR

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

In the matter of Maple Knoll, Section 7 Subdivision, Section
Little Eage Creek 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 Knoll, Section 7, 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

Kenneth R. Brasseur

Printed Name

June 23, 2015

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

FINDINGS AND ORDER

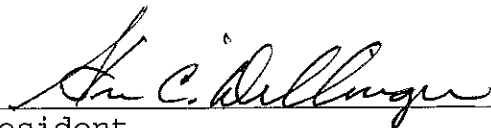
CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain, Maple Knoll Section 7 Arm

On this 23rd day of November, 2015, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Little Eagle Creek Drain, Maple Knoll Section 7 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.

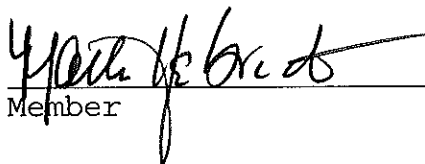
HAMILTON COUNTY DRAINAGE BOARD



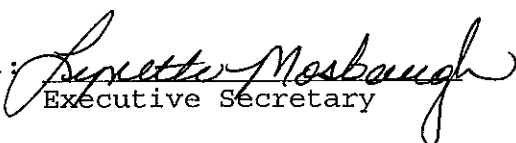
President



Member



Member


Attest: 
Executive Secretary



Platinum Properties

Maple Knoll Section 7
 Engineers Estimate - Storm Sewers & Monumentation
 Prepared on: 6/23/2015

Item	Unit	Unit Cost	Quantities	Cost
Storm Drainage				
12" Pipe	LF	\$ 23.00	567	\$ 13,041
12" End Section	EA	\$ 820.00	2	\$ 1,640
12" Trash Guard	EA	\$ 400.00	2	\$ 800
15" Pipe	LF	\$ 27.30	366	\$ 9,992
18" Pipe	LF	\$ 30.70	290	\$ 8,903
21" Pipe	LF	\$ 36.15	34	\$ 1,229
24" Pipe	LF	\$ 41.55	113	\$ 4,695
Standard Storm Manholes	EA	\$ 2,300.00	1	\$ 2,300
Storm Inlets	EA	\$ 2,480.00	15	\$ 37,200
Sand Backfill and Bedding	TON	\$ 13.25	250.00	\$ 3,313
Subtotal 1				\$ 83,113
Sub-surface Drains - under curb	LF	\$ 7.50	3,800	\$ 28,500
Sub-surface Drains - swales	LF	\$ 7.75	2,082	\$ 16,136
Sub-surface Drains - sump laterals	EA	\$ 167.00	41	\$ 6,847
Subtotal 2				\$ 51,483
Total				\$ 134,595
Monuments & Markers				
Lot Corner Monuments	LOT	\$ 100.00	41.00	\$ 4,100
Street Centerline Monumentation	EA	\$ 170.00	14.00	\$ 2,380
Total				\$ 6,480
Erosion Control				
--> Not Applicable - Property annexed by City of Westfield and governed by Westfield MS4 permit.		LS	NA	NA
Total				\$ -
Grand Total				\$ 141,075
Per Hamilton County Ordinance - Bond Amount				120% \$ 169,290

BY: 

Timothy J. Walter, P.E.
 Indiana Registration No. 19900152

317 818-2900 ♦ 317 863-2055 fax

9757 Westpoint Drive, Suite 600 ♦ Indianapolis, IN 46256

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Little Eagle Creek Drain, Maple Knoll Section 7 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 Knoll Section 7 Arm** on **November 23, 2015** at **9:00 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 Knoll Section 7 Arm**

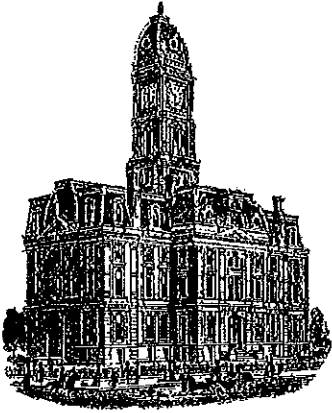
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **November 23, 2015** 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



SURVEYOR'S OFFICE
Hamilton County

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

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

To: Hamilton County Drainage Board

January 15, 2016

Re: Little Eagle Creek Drain – Maple Knoll Section 7

Attached are as-built, certificate of completion & compliance, and other information for Maple Knoll Section 7. 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 1, 2015. The report was approved by the Board at the hearing held November 23, 2015. (See Drainage Board Minutes Book 16, Pages 364-366)

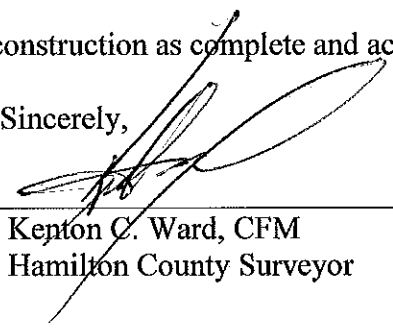
The changes are as follows:

The 6" SSD was shortened from 6,052 to 5,943 feet. The 12" RCP was lengthened from 543 feet to 561 feet. The 15" RCP was lengthened from 358 feet to 516 feet. The 18" RCP was shortened from 290 feet to 134 feet. The 21" RCP was shortened from 34 feet to 33 feet. The 24" RCP was shortened from 113 feet to 109 feet. The length of the drain due to the changes described above is now **7,296 feet**.

The non-enforcement was approved by the Board at its meeting on November 23, 2015 and recorded under instrument #2015065359. Sureties were not submitted by the developer as per Indiana Code 36-9-27-67 to 69.

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Maple Knoll, Section 7

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.

Signature:  Date: 11/16/15

Type or Print Name: Dennis D. Olmstead - Stoepelwerth & Associates, Inc.

Business Address: 7965 East 106th Street
Fishers, Indiana 46038

Telephone Number: (317) 570-4700

SEAL



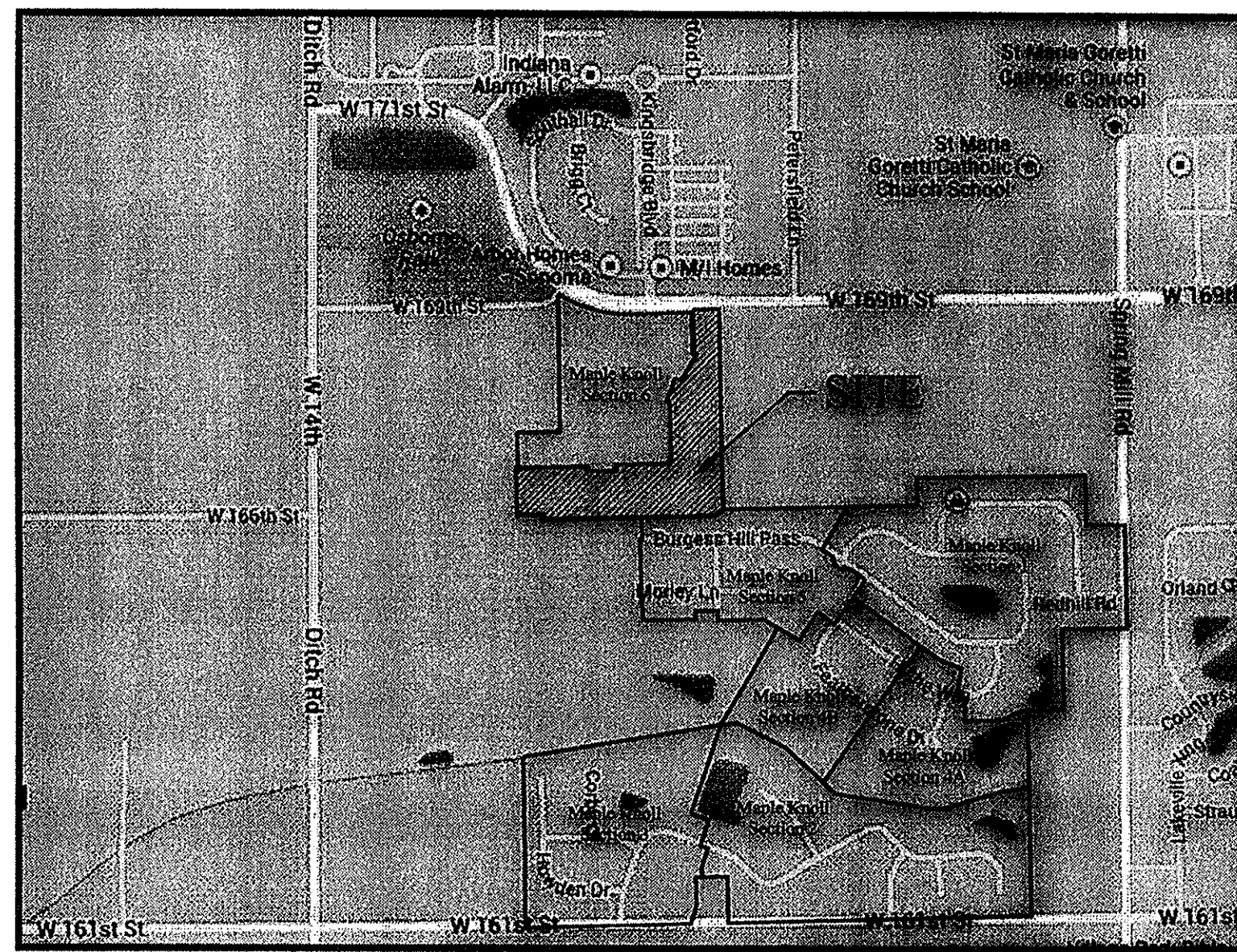
INDIANA REGISTRATION NUMBER

900012

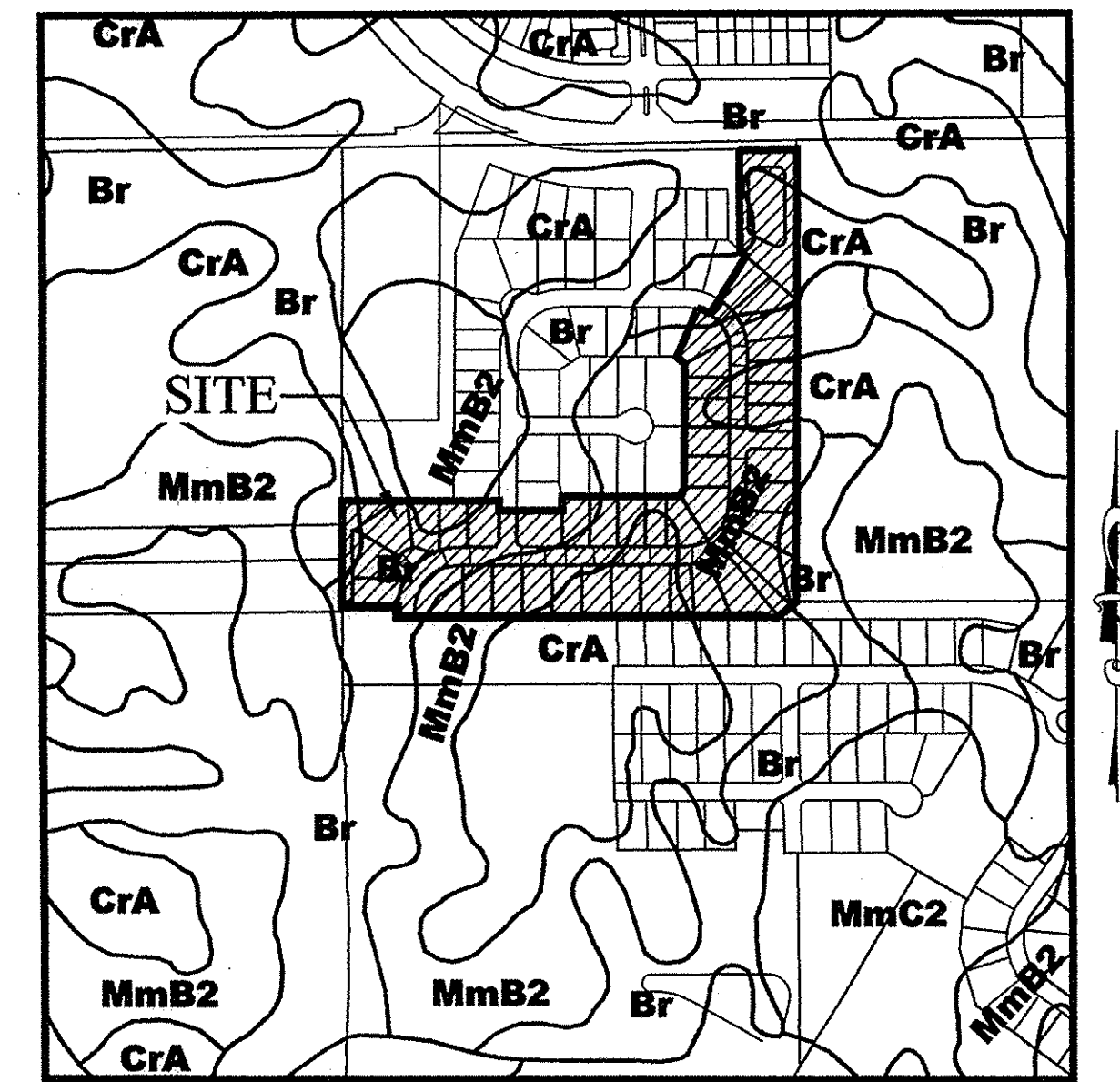
MAPLE KNOLL

SECTION 7

Developed by:
MAPLE KNOLL DEVELOPER, LLC by
Platinum Properties Management Company, LLC
9757 Westpoint Drive Suite 600
Indianapolis, Indiana 46256
Phone: (317) 863-2057
Contact Person: Ed Flemming



LOCATION MAP
SCALE: 1"=1000'



SOILS MAP
SCALE: 1"=500'

Map Unit: Br - Brookston silty clay loam

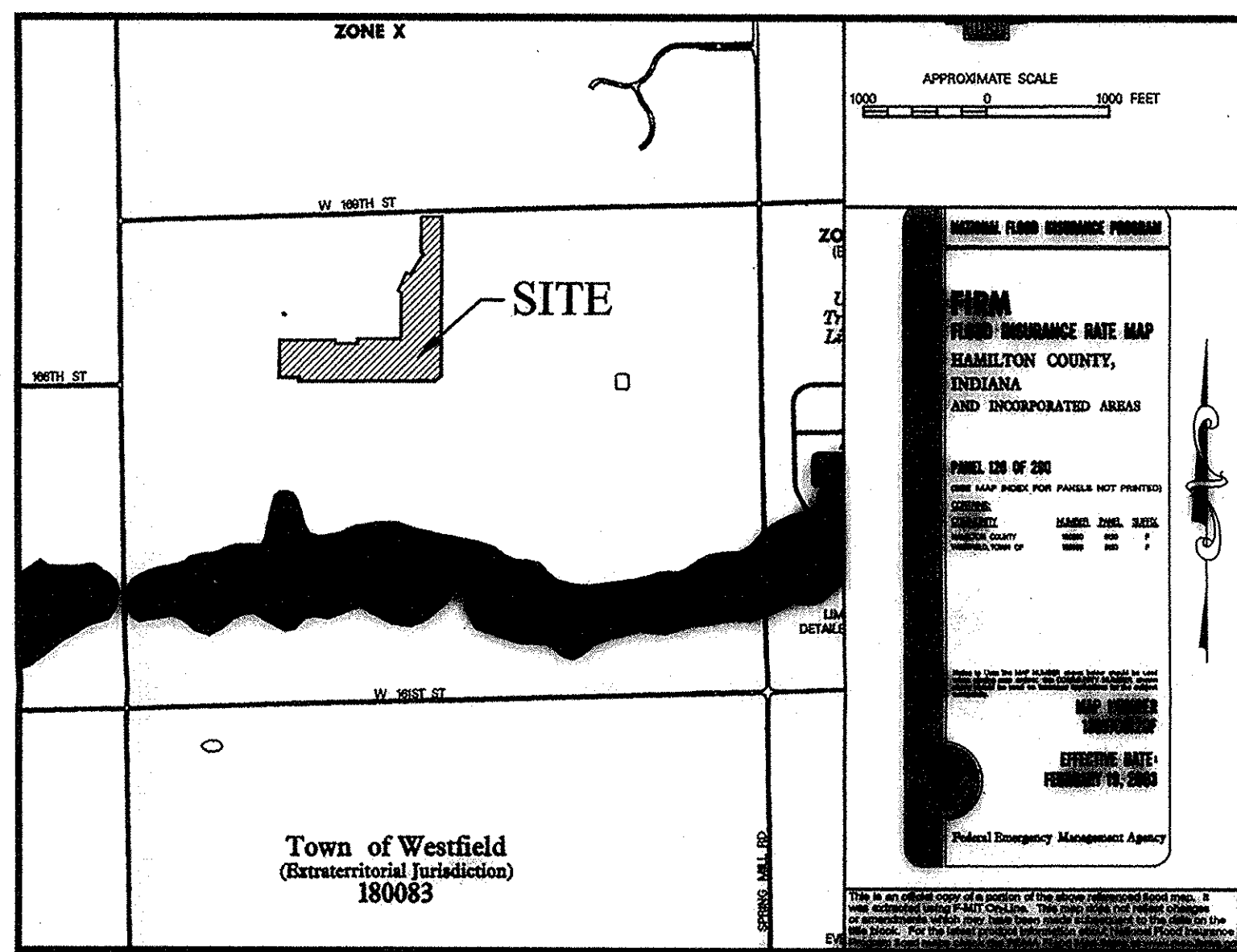
Br--Brookston silty clay loam
This poorly drained soil has a seasonal high watertable above the surface or within 1.0 ft. and is in depressions. Slopes are 0 to 2 percent. The native vegetation is water tolerant grasses and hardwoods. The surface layer is silty clay loam and has moderate to high organic matter content (2.0 to 5.0 percent). Permeability is moderately slow (0.2 to 0.6 in/hr) in the most restrictive layer above 60 inches. Available water capacity is high (10.0 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 6.1 to 7.3. This soil is hydric. Wetness is a management concern for crop production. This soil responds well to tile drainage.

Map Unit: CrA - Crosby silt loam, 0 to 2 percent slopes

CrA--Crosby silt loam, 0 to 2 percent slopes
This is a somewhat poorly drained soil and has a seasonal high watertable at 0.5 to 2.0 ft. and is on rises on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low or moderate organic matter content (1.0 to 3.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is moderate (6.2 inches in the upper 60 inches). The pH of the surface layer in non-limed areas is 5.1 to 6.0. Droughtiness and wetness are management concerns for crop production. This soil responds well to tile drainage.

Map Unit: MmB2 - Miami silt loam, 2 to 6 percent slopes, eroded

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.



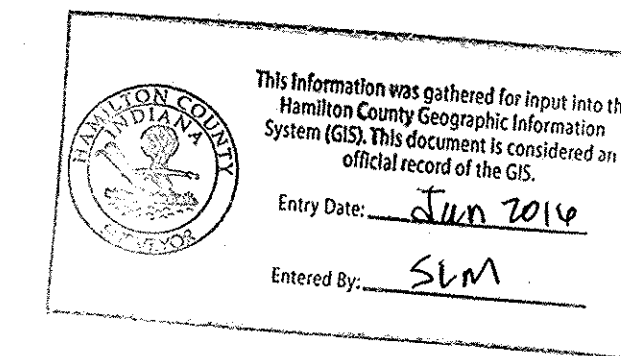
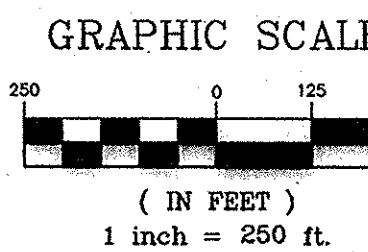
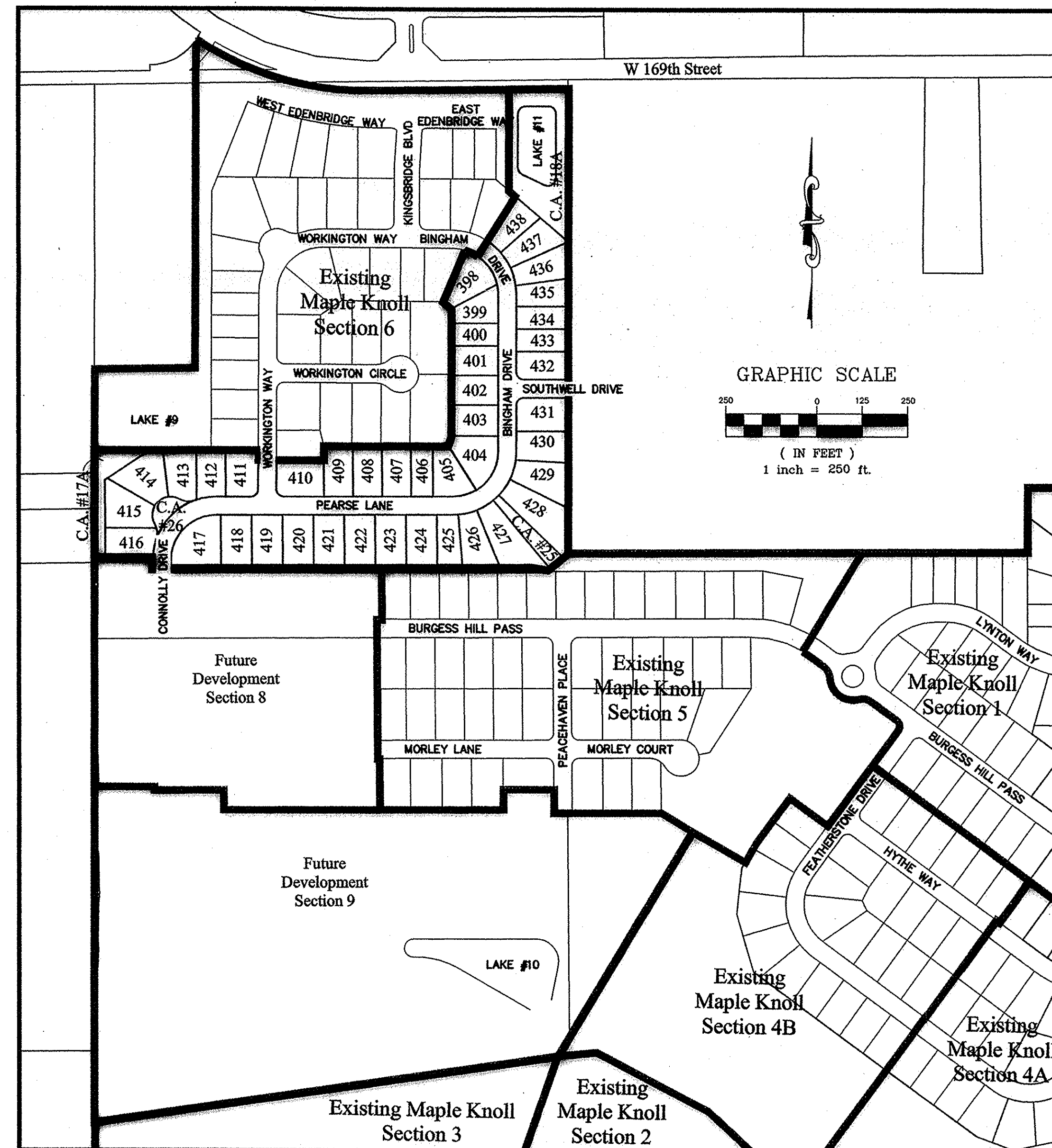
FLOOD MAP
N.T.S.

INDEX	
SHT.	DESCRIPTION
C001	COVER SHEET
C100-C101	TOPOGRAPHICAL SURVEY
C200-C201	SITE DEVELOPMENT PLAN
C300-C308	STORMWATER POLLUTION & PREVENTION PLANS & SPECIFICATIONS
C400-C403	STREET PLAN & PROFILES/ENTRANCE & INTERSECTION PLAN
C500	SANITARY SEWER PLAN & PROFILES
C600-C602	STORM SEWER PLAN & PROFILES / SUMP PUMP PLAN
C700-C701	WATER PLANS/DETAILS
C800-C810	SPECIFICATIONS
C901-C903	LANDSCAPE PLANS

REVISIONS	
SHT.	DESCRIPTIONS
ALL	REVISED PER TAC COMMENTS 01/06/15 HAM
C001, C200	REVISED PER HNTB COMMENTS 02/05/15 AOF
C307-308	REVISED PER HNTB COMMENTS 02/05/15 AOF
C403, C500	REVISED PER HNTB COMMENTS 02/05/15 AOF
C700-701	REVISED PER HNTB COMMENTS 02/05/15 AOF
C901-903	REVISED PER HNTB COMMENTS 02/05/15 AOF
C801, C802, C803, C804	REVISED OFFSITE GRADING PER CLIENT 02/18/15 KJMM
C700	REVISED WATER PER COMMENTS 05/26/15 ARW
ALL	ASBUILTS 11/11/15 KRG

RECORD DRAWING

[Signature]
 DENNIS D. OLMSTEAD
 Registered Land Surveyor
 No. 900012
 DATE: 11/12/15



UTILITY CONTACTS

AT & T
 5858 North College Ave.
 Indianapolis, Indiana 46220
 Contact: James Coovert
 Ph: (317) 252-4240

Brighthouse Networks
 3030 Roosevelt Ave.
 Indianapolis, Indiana 46218
 Contact: Gary Richardson
 Ph: (317) 632-9077

Citizens of Wastewater of Westfield, LLC
 2150 Dr. Martin Luther King Jr. St.
 Indianapolis, Indiana 46202
 Contact: Harry Nikides
 Ph: (317) 429-3972

Citizens of Westfield
 2728 East 171st Street
 Westfield, Indiana 46074
 Contact: Harry Nikides
 Ph: (317) 691-4941

Comcast Cable
 5330 East 65th Street
 Indianapolis, Indiana 46220
 Contact: Matt Stringer
 Ph: (317) 774-3384

Duke Energy
 16475 Southpark Drive
 Westfield, Indiana 46074
 Contact: Shirley Hunter
 Ph: (317) 896-6711

Frontier Communications
 20905 Hague Road (Rear Building)
 Noblesville, Indiana 46060
 Contact: Steve Costlow
 Ph: (317) 984-9010

Vectren Energy
 16999 Allisonville Road
 Noblesville, Indiana 46060
 Contact: Charlotte May
 Ph: (317) 776-5592

Westfield Public Works Department
 2706 East 171st Street
 Westfield, Indiana 46074
 Ph: (317) 804-3100

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 = 20 M.P.H

DESIGN DATA

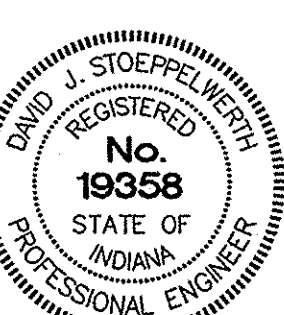
41 LOTS
 15.303 AC. = .373 LOTS/ACRE

WORKINGTON WAY = 126.91 L.F.
 BINGHAM DRIVE = 706.89 L.F.
 PEARSE LANE = 881.97 L.F.
 CONNOLLY DRIVE = 129.38 L.F.
 SOUTHWELL DRIVE = 167.27 L.F.
 TOTAL = 2,012.32 L.F.

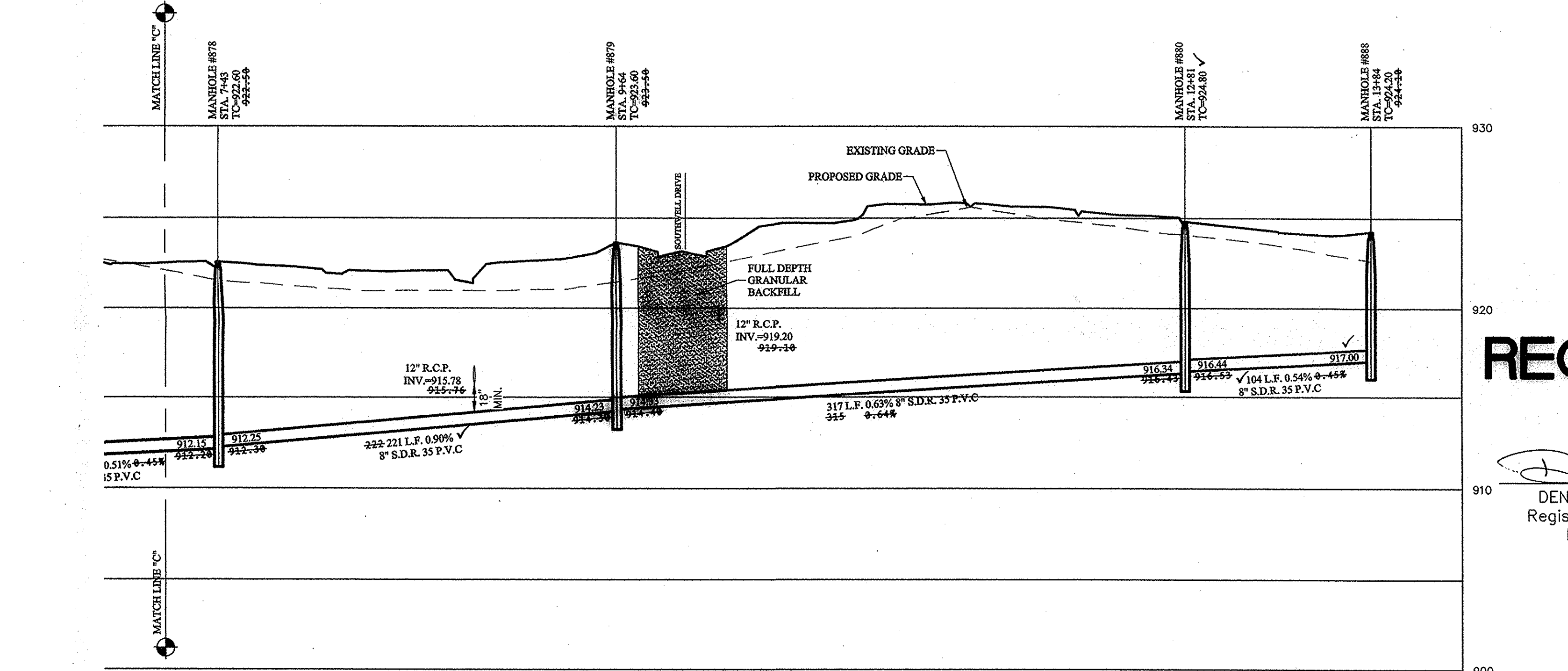
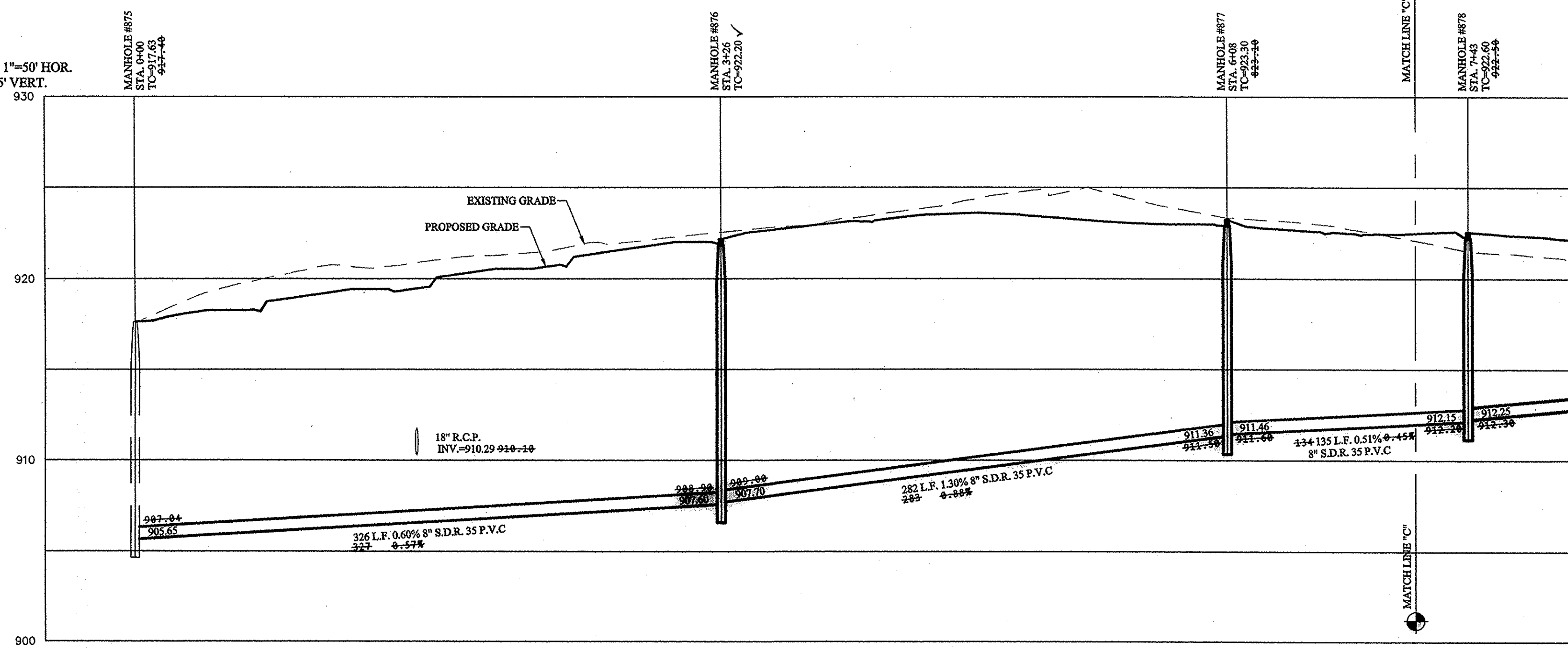
PLANS PREPARED BY:
STOEPPEL WERTH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 7965 E. 106TH STREET, FISHERS, INDIANA 46038
 PHONE: (317)-849-5935
 FAX: (317)-849-5942
 CONTACT PERSON: BRIAN K. ROBINSON
 EMAIL: brobinson@stoepfelwerth.com

PLANS CERTIFIED BY:

[Signature] 3/01/13
 DAVID J. STOEPPEL WERTH
 PROFESSIONAL LAND SURVEYOR
 NO. 19358



1"=50' HOR.
5" VERT.



STR.#	TYPE	T.C.	CASTING TYPE	DIAMETER IN	DIRECTION IN	INV. IN	DIAMETER OUT	DIRECTION OUT	INV. OUT	SLOPE
875	4" MH	917.63	R-1772	8	E	905.65				
876	4" MH	922.19	R-1772	8	E	907.70			907.60	0.60%
877	4" MH	923.28	R-1772	8	N	912.25			911.36	1.30%
878	4" MH	922.58	R-1772	8	N	912.25			912.15	0.51%
879	4" MH	923.64	R-1772	8	N	914.33			914.23	0.90%
880	4" MH	924.80	R-1772	8	NW	916.44			916.34	0.63%
888	4" MH	924.24	R-1772	8	SE	917.00			917.00	0.54%

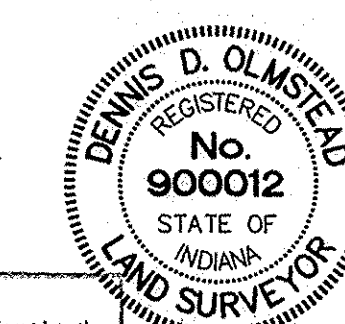
NAME	SIZE	LENGTH	SLOPE	MATERIAL
877-878	8"	282.22'	1.30%	S.D.R. 35 P.V.C.
878-879	8"	221.14'	0.90%	S.D.R. 35 P.V.C.
879-880	8"	316.89'	0.63%	S.D.R. 35 P.V.C.
880-888	8"	103.82'	0.54%	S.D.R. 35 P.V.C.
975-876	8"	325.59'	0.60%	S.D.R. 35 P.V.C.

- LEGEND**
- EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - W— PROPOSED WATER LINE
 - DENOTES FULL DEPTH GRANULAR BACKFILL

RECORD DRAWING

DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012

DATE: 11/2/15



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

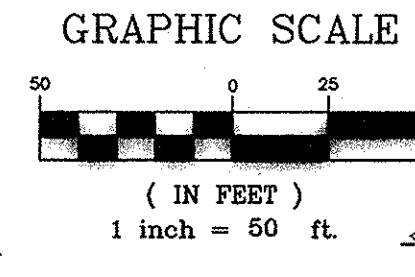
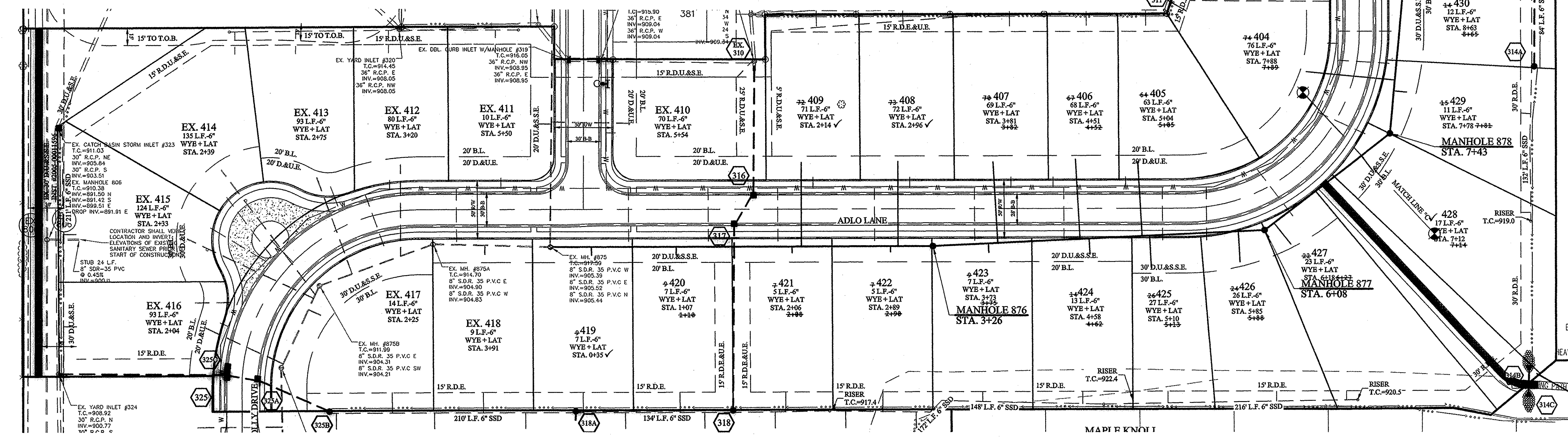
Entry Date: June 2016

Entered By: SLM



NOTES

- 1.) MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.
- 2.) CONTRACTOR SHALL EXTEND SEWER LATERALS TO A POINT NO LESS THAN 5' AND NO GREATER THAN 7' FROM BUILDING LINE AS SHOWN. A LOCATE WIRE TO BE RUN ALONG ENTIRE LENGTH OF ALL LATERALS.
- 3.) CONTRACTOR SHALL INSTALL LATERAL NO GREATER THAN 6' BELOW PAD GRADE AT LATERAL END.
- 4.) MANHOLE STRUCTURES TO BE CONSTRUCTED TO REQUIRE ONE-4" RISER RING NO MORE, NO LESS TO MEET PLAN T.C. GRADE.
- 5.) ALL ROAD CROSSING MUST BE FULL DEPTH GRANULAR BACKFILL.
- 6.) SANITARY SEWERS ARE NOT WITHIN 100' OF WATER WELLS.
- 7.) RUN LOCATE WIRE ABOVE ALL SEWER LATERALS



STOEPPELWERTH
ALWAYS ON

7955 East 10th Street, Fishers, IN 46038-2505
Phone: 317.849.2935 Fax: 317.849.5942

MAPLE KNOLL SECTION 7

SANITARY SEWER PLAN & PROFILES

HAMILTON COUNTY, INDIANA
WESTFIELD, WASHINGTON TWP.

REGISTERED PROFESSIONAL ENGINEER
STATE OF INDIANA
No. 19358
CERTIFIED: 10/03/14
David J. Stoepelwerth

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OF SURVEY OR A SURVEYOR LOCATION REPORT.

BY: BKR
CHECKED BY: BKR
DATE: 11/17/15

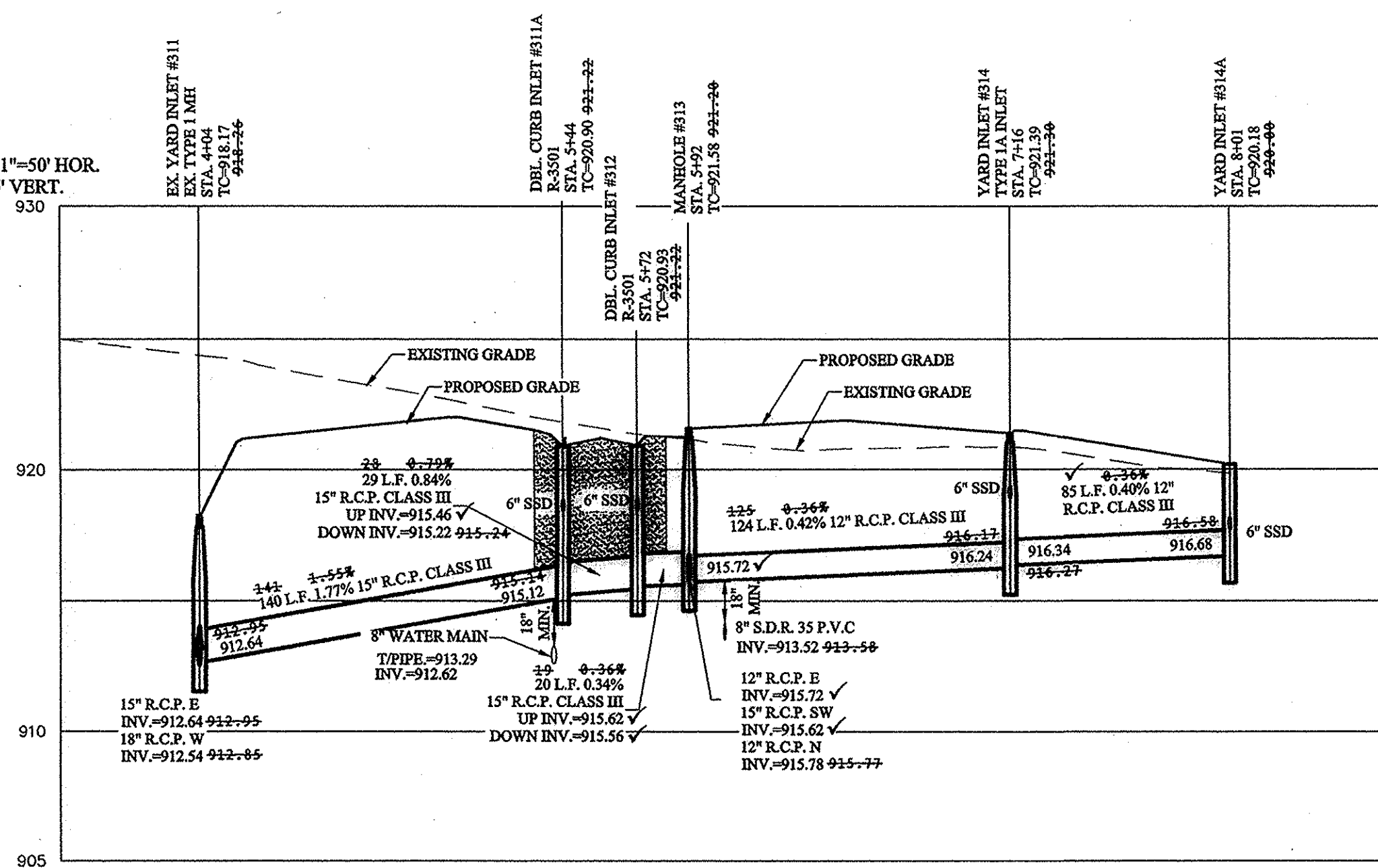
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NO. DATE DESCRIPTION
1 11/17/15 ASBUILTS
2 7/6/2016 REVISED SAN AND WATER LAT. LOCATION
3 2/5/2016 REVISED PER HNTB COMMENTS
4 1/6/2016 REVISED PER TAC COMMENTS

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MODIFIED BY: November 11, 2015 12:08:00 PM / Keith Gilson
PLOTTED BY:

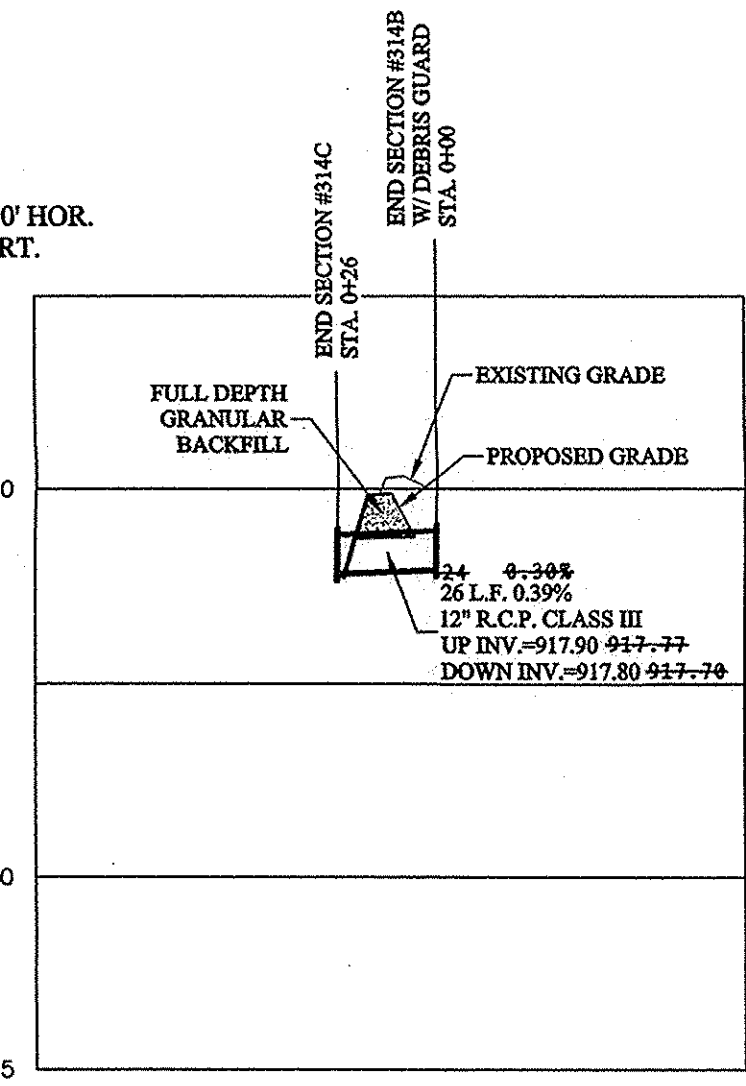
811
Know what's below.
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DRWING NO: DCL
SHEET NO: C500
S & A JOB NO: 34676PLA-S7

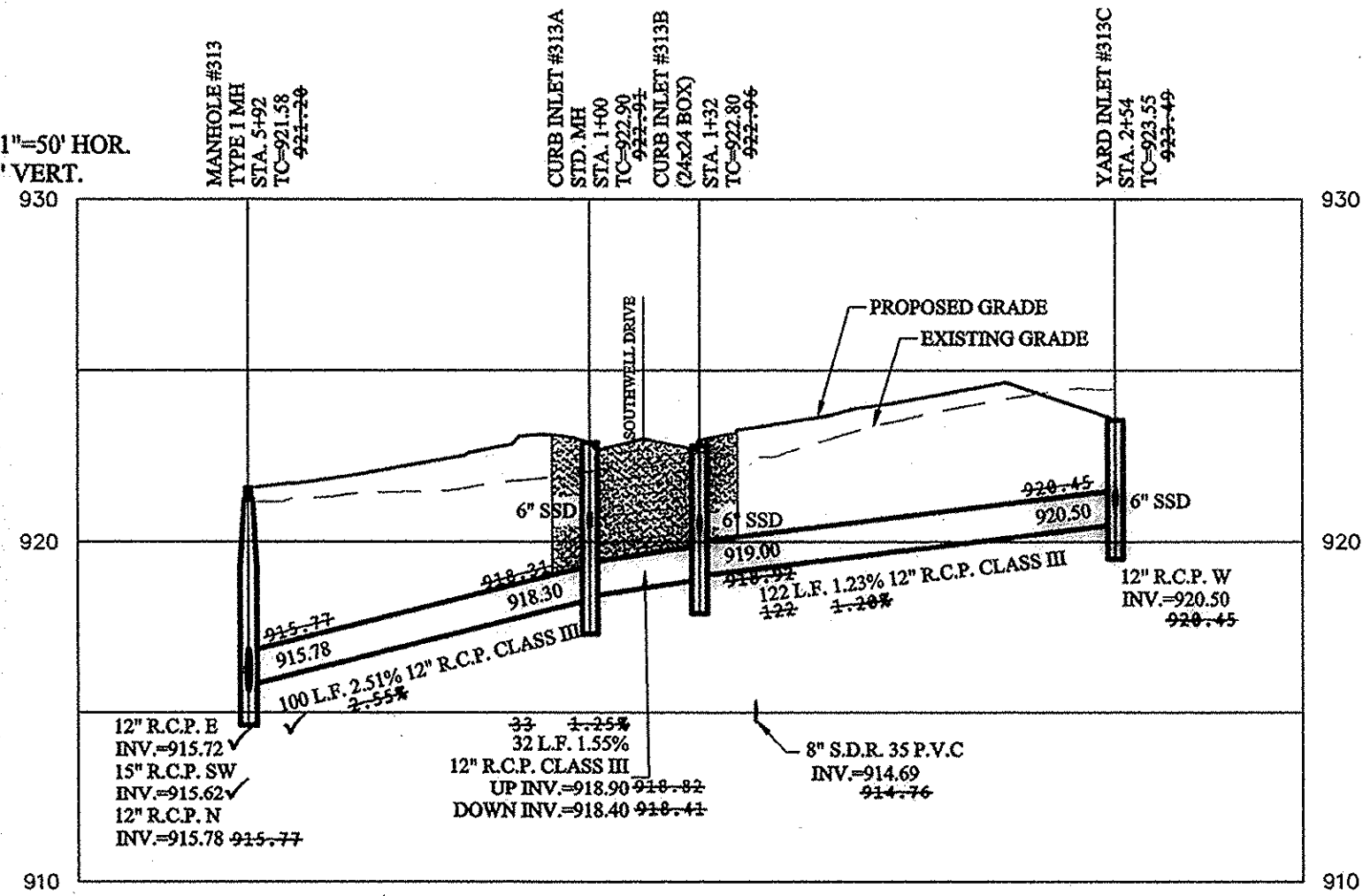
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1"=5' VERT.



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



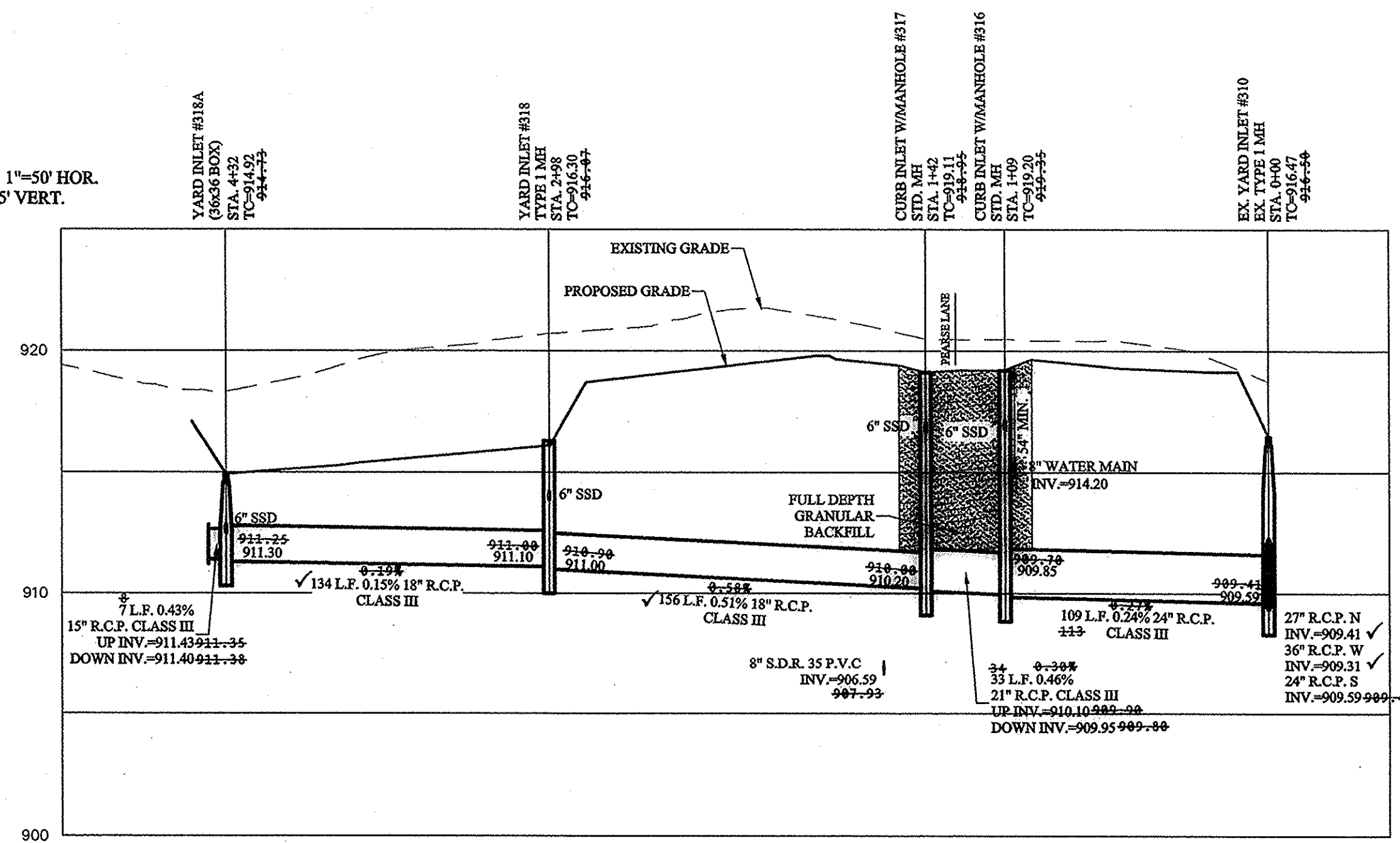
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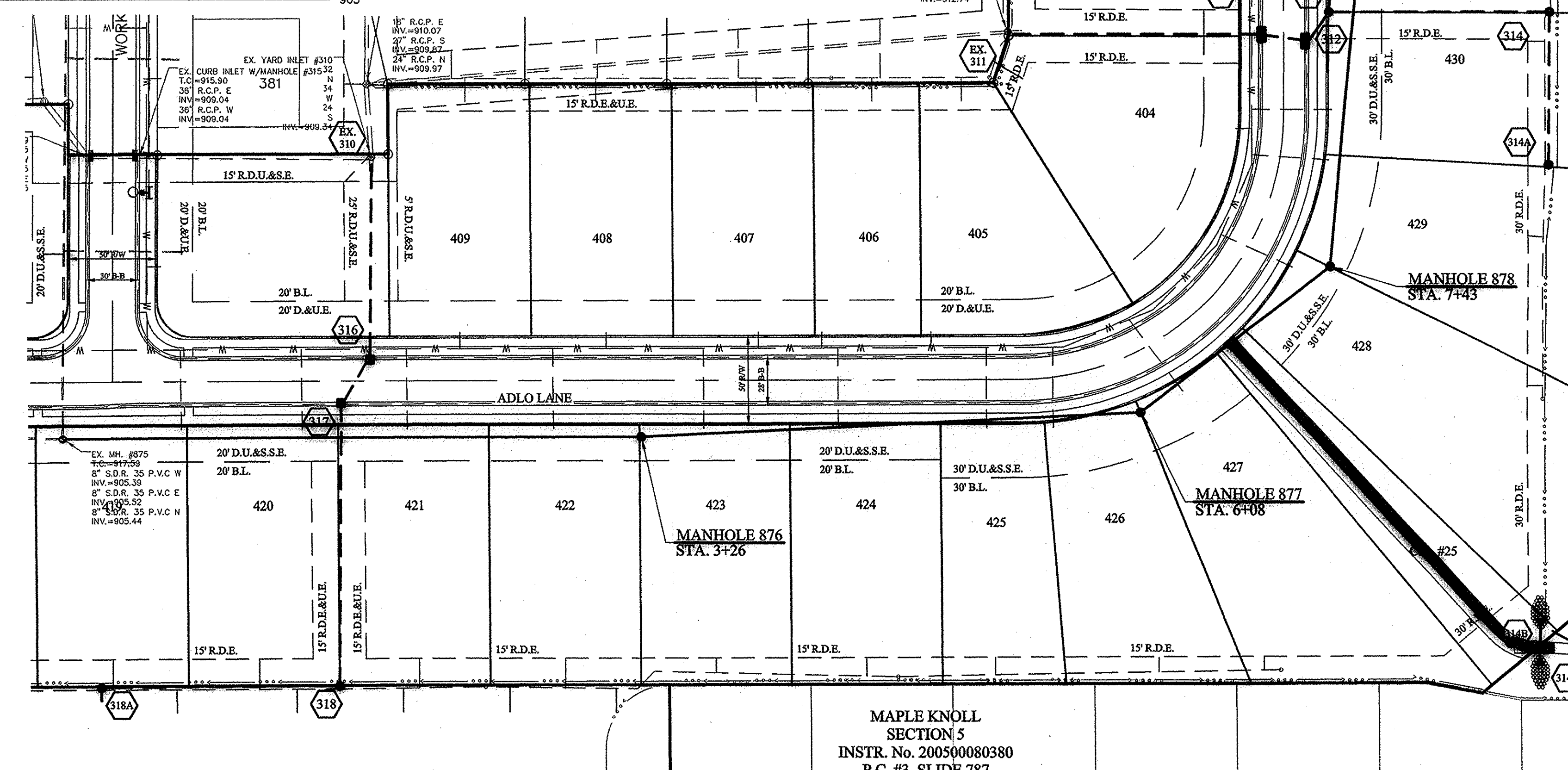
DENOTES FULL DEPTH GRANULAR BACKFILL

- 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 6" DOUBLE WALL SMOOTH BORE PERFORATED (HIDE) PIPE. DEBRIS GUARDS ARE TO BE INSTALLED ON ALL OPEN ENDED INLETS.
 - ALL STORM TO BE CLEANED AND TELEVIEWED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED.
 - STORM STRUCTURES DEEPER THAN 4' MUST BE ACCESSIBLE WITH STEPS.
 - ALL BEEHIVE CASTINGS ON A 2'x2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

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



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: July 2016
Entered By: SLM



RECORD DRAWING

DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012
DATE: 11/12/15



DATE	MARK	REVISIONS
11/17/15	ASB/ULTS	REVISED PER TAC COMMENTS
1/6/2015		

CERTIFIED: 10/03/14
Dennis D. Olmstead
REGISTERED PROFESSIONAL ENGINEER
No. 19358
STATE OF INDIANA

STOEPPELWERTH
ALWAYS ON
7965 East Tenth Street, Fishers, IN 46038-2505
phone: 317.849.5965 fax: 317.849.5942

STORM SEWER PLAN & PROFILES
MAPLE KNOLL SECTION 7
WESTFIELD, WASHINGTON TWP. HAMILTON COUNTY, INDIANA

DRAWN BY: DCM
CHECKED BY: BKR
SHEET NO. C600
S & A JOB NO. 34676PLA-S7

File Name: S:\6476PLA-STD\GIS\6000-Storm Plan & Profiles.dwg - C600
Modified By: Keith Gilson
Printed By: Keith Gilson
November 11, 2015 11:03:38 AM

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 March 4, 2015 8:55:26 AM / Kglison
 November 11, 2015 11:04:30 AM / Keith Gilson

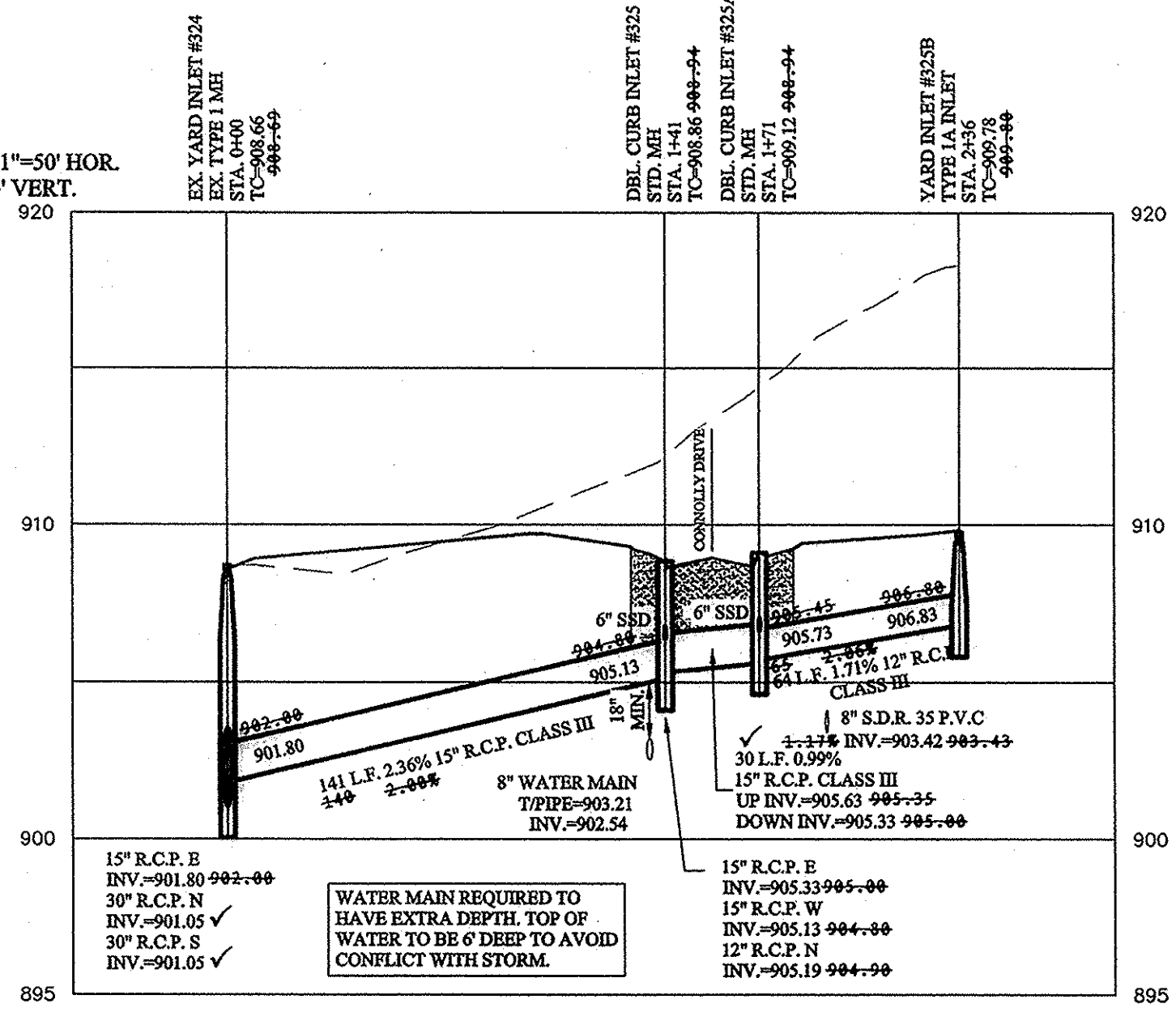
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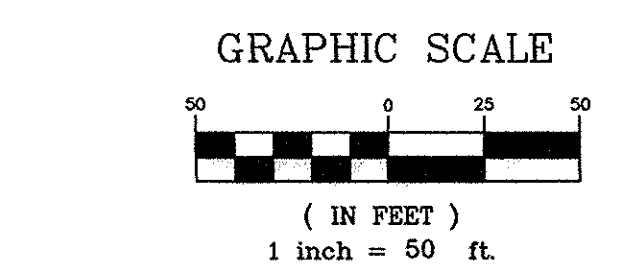
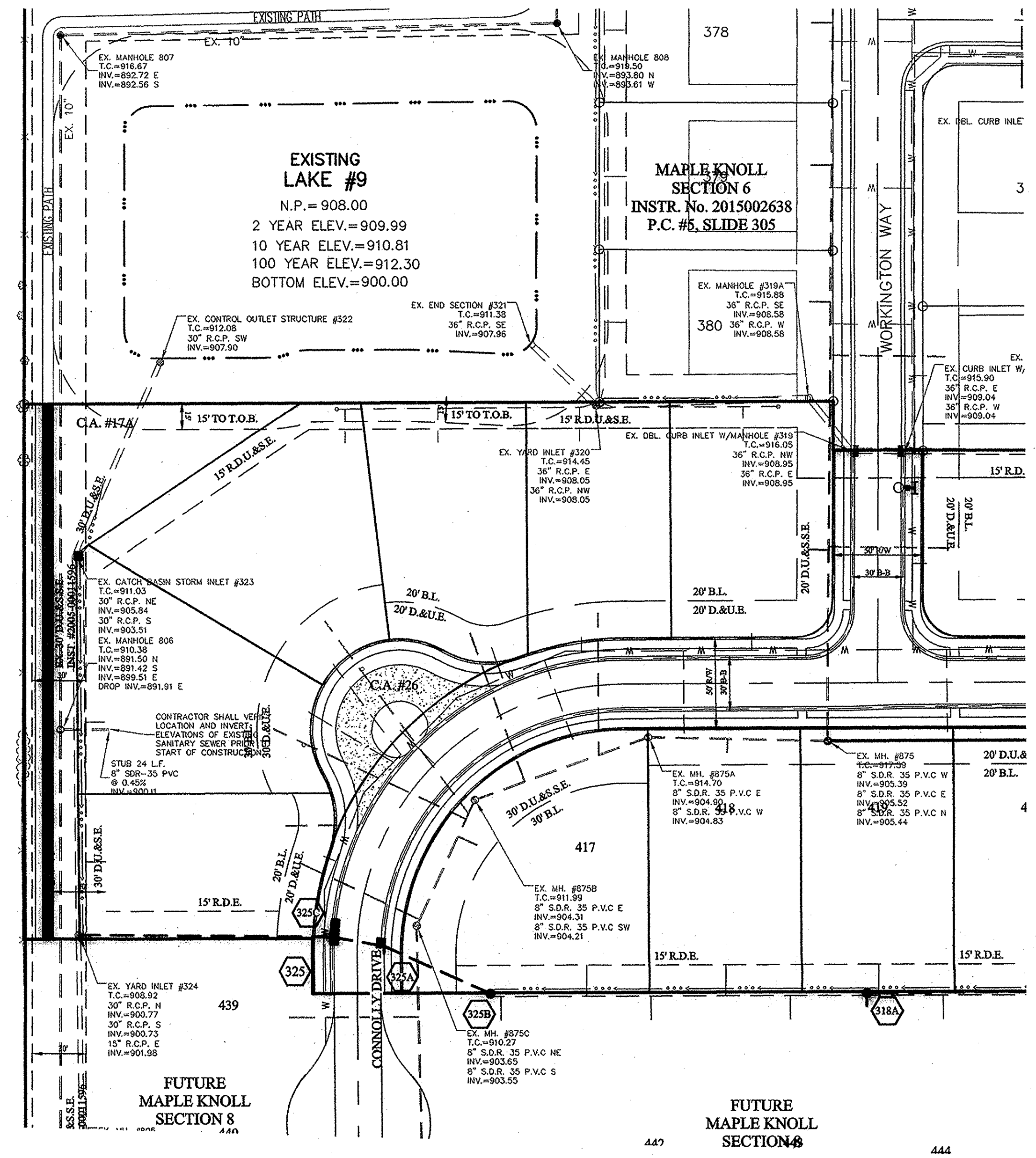
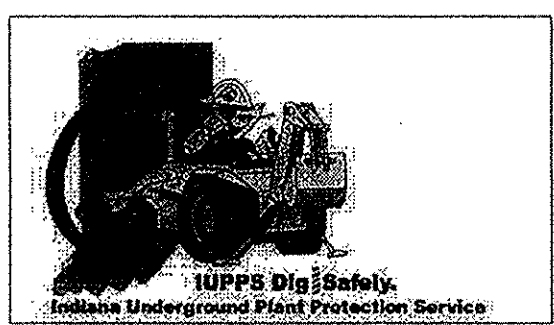
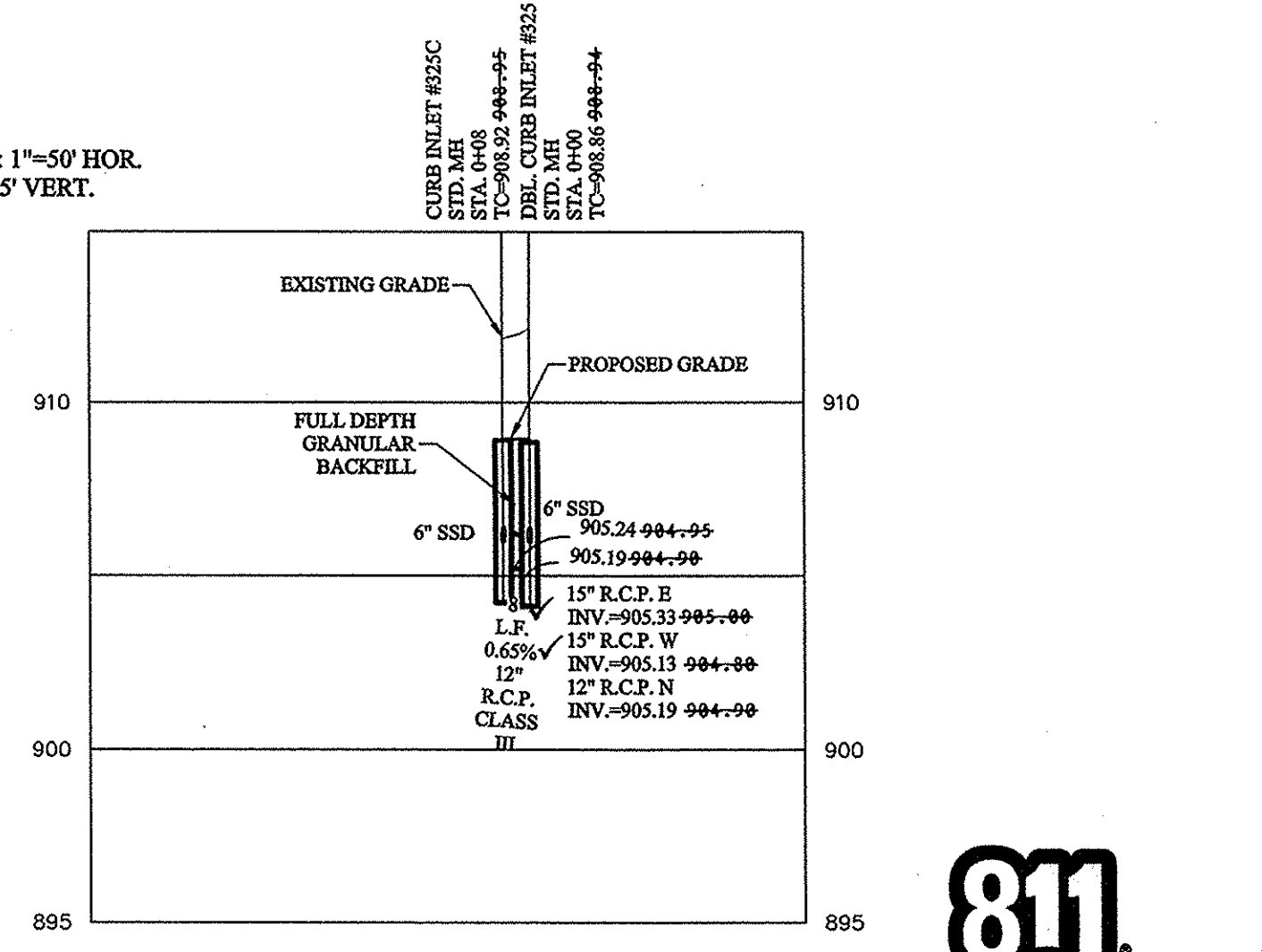
DENNIS D. OLMSTEAD
 Registered Land Surveyor
 No. 900012
 DATE 11/12/15



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



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



■ DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES:

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Entry Date: Jan 2016
 Entered by: SLM

NO.	DATE	REVISIONS	BY

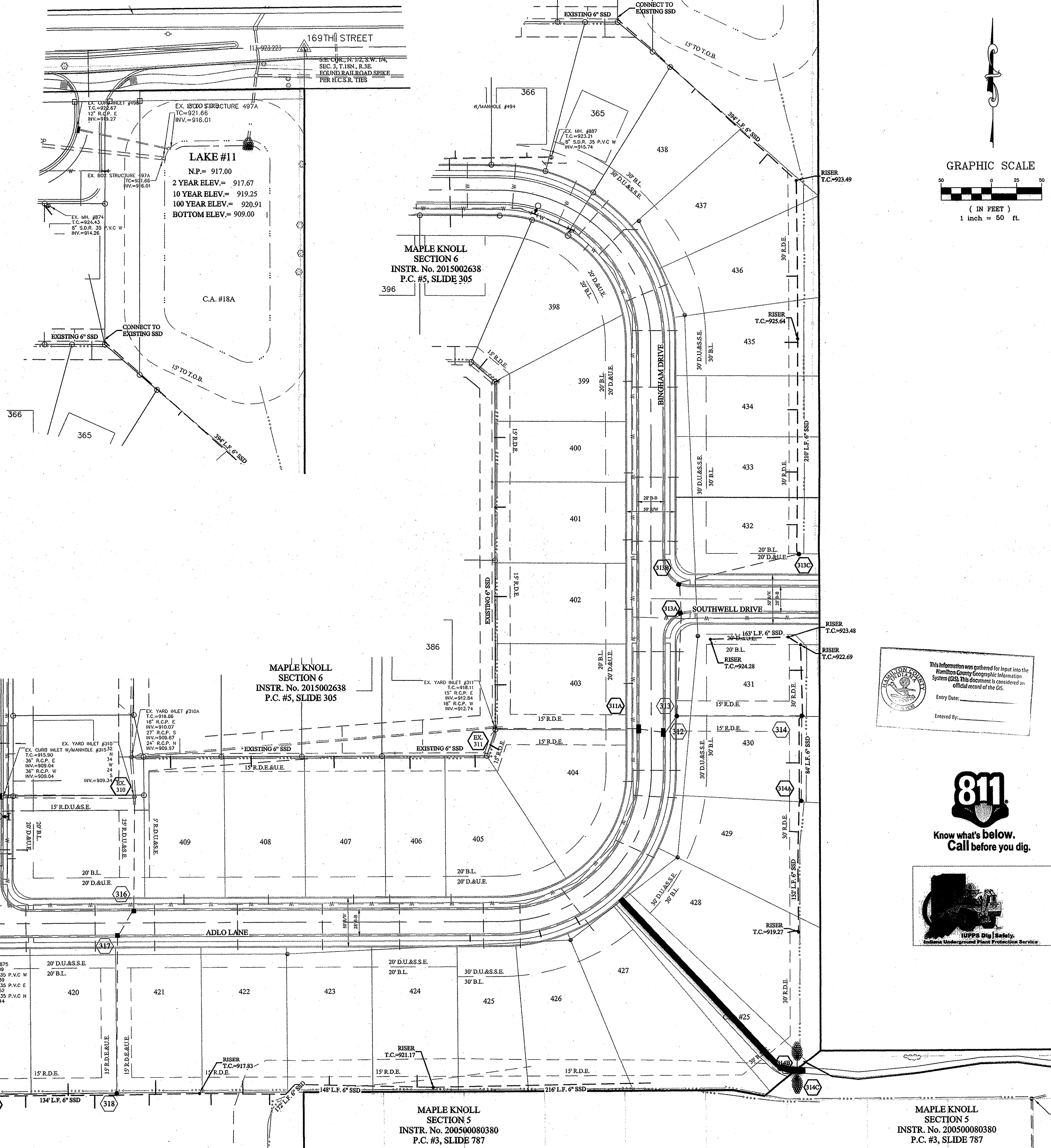
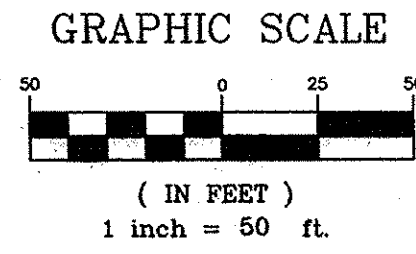
REGISTERED PROFESSIONAL ENGINEER No. 19358 STATE OF INDIANA J. Stoepelwerth	CERTIFIED: 10/03/14 David J. Stoepelwerth
ALWAYS ON 7965 East 11th Street, Ellettsville, IN 46028-2905 Phone: 317-849-9395 Fax: 317-849-5942	HAMILTON COUNTY, INDIANA SECTION 7 WESTFIELD, WASHINGTON TWP.

DRAWN BY: DCM CHECKED BY: BKR	SHEET NO.: C601 S & A JOB NO.: 34676PLA-S7
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RECORD DRAWING

Dennis D. Olmstead
 DENNIS D. OLMSTEAD
 Registered Land Surveyor
 No. 900012

11/2/15
 DATE

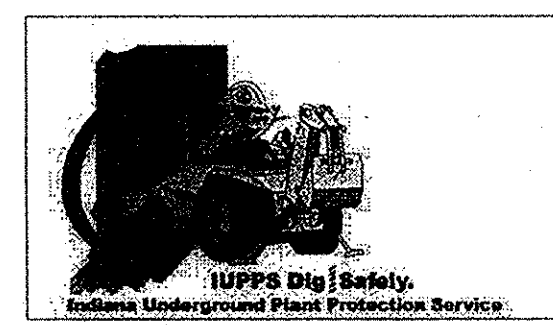


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 Modified / By: November 12, 2015 11:24:56 AM / brobinson
 Plotted / By: November 12, 2015 11:25:26 AM / Brian Robinson

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 Entry Date: _____
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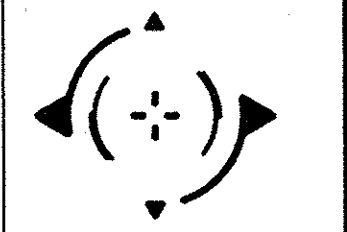
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DATE	REVISIONS	BY
11/17/15	ASBUILTS	KRG
1/6/2015	REVISED PER TAC COMMENTS	HAM
		BY

DAVID J. STOEPELWERTH
 REGISTERED
 No. 19358
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 CERTIFIED: 10/03/14
David J. Stoepelwerth

STOEPPELWERTH
 ALWAYS ON
 7905 East 104th Street, Fishers, IN 46038-2505
 phone: 317.949.5925 fax: 317.949.5942



SUMP DRAIN CONNECTION PLAN
 MAPLE KNOLL
 SECTION 7
 WESTFIELD, WASHINGTON TWP., HAMILTON COUNTY, INDIANA

DRAWN BY: DCM
 CHECKED BY: BKR
 SHEET NO. C602
 S & A JOB NO. 34676PLA-S7