



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*

August 29, 2016

To: Hamilton County Drainage Board

Re: Cool Creek Drain –Mary Kreag Arm – Mapleridge Section 1 Reconstruction

Attached is a petition and plans for the proposed relocation of the Mary Kreag Arm of the Cool Creek Drain. The relocation is being proposed by Langston Residential Development. The proposal is to reconstruct the original tile through a detention ponds and detention pond outlet pipe to the open Mary Wilson Regulated Drain. The tile location will be moved to accommodate the development of Mapleridge but will connect to the open ditch at approximately the same location the original tile entered the open drain.

This line will consist of the following:

312 feet of 24" RCP

375 feet of Open Ditch

The total length of the new drain shall be 687 feet. The 1247 feet of the original drain between Sta. 21+83 and Sta. 28+30 and Arm 2 from Sta. 0+00 to Sta. 6+00 shall be vacated. This proposal will remove a total of 560 feet from the Mary Kreag Arm of the Cool Creek Drain's total length.

The open ditch listed above is through Pond #2 from Str. 624 to the outlet of the original main tile drain coming into the detention pond on the west bank.

The internal storm sewers for Mapleridge subdivision will be maintained by the City of Westfield.

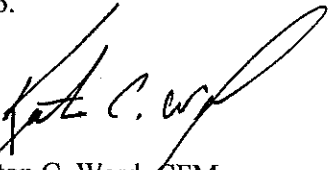
The retention pond (Pond #2) located in Common Areas #3 is not to be considered part of the regulated drain. Pond maintenance assumed by the Drainage Board shall only include the inlet and outlet as part of the regulated drain. The maintenance of the retention ponds (lakes) such as sediment removal and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of the Homeowners Association. The Board 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 cost of the relocation is to be paid by 0th Mapleridge LLC.

The petitioner has not submitted surety for the proposed drain at this time. Surety shall be submitted prior to commencement of construction.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for Mapleridge Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend that the Board set a hearing to consider this reconstruction for October 24, 2016.



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

FILED

JUN 21 2016

IN RE: Mary Kreag Drain )  
Hamilton County, Indiana )

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

Langston Residential Development (hereinafter "Petitioner"),  
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a  
section of the Mary Kreag Drain, and in support of  
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Mary Kreag Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the Mary Kreag Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Mary Kreag Drain, without cost to other property owners on the watershed of the Mary Kreag Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Mary Kreag Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

John Edwards  
Signed  
John Edwards  
Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction

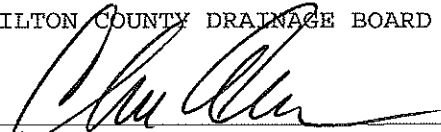
Station 21+83 to Station 28+30 (Original Drain)

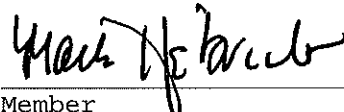
Station 0+00 to Station 6+00 (Arm 2)

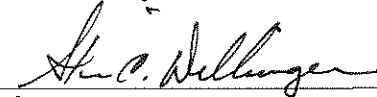
On this 24<sup>th</sup> day of October, 2016, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstructions - Station 21+83 to Station 28+30 (Original Drain) and Station 0+00 to Station 6+00 (Arm 2).

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction - Station 21+83 to Station 28+30 (Original Drain) and Station 0+00 to Station 6+00 (Arm 2).

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest: 

STATE OF INDIANA )  
 ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
**Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction** came before the Hamilton County Drainage Board for hearing on **October 24 2016**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.


The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

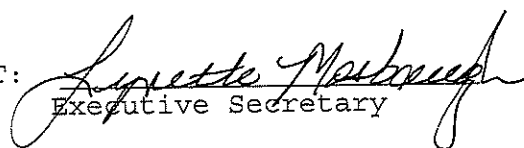
HAMILTON COUNTY DRAINAGE BOARD

  
PRESIDENT

  
Member

  
Member

ATTEST:

  
Executive Secretary

# ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS

## MAPLE RIDGE - SECTION 1

**Mary Kraeg Reconstruction**

Storm sewers					
Description	Quantity	Unit	Amount	Total	
24 in. RCP	312	LF	\$44.61	\$13,918.32	
Large manhole	1	Ea	\$2466.00	\$2,466.00	
Outlet Structure	1	Ea	\$2565.00	\$2,565.00	
Large RCES	1	Ea	\$967.00	\$967.00	
Rip-Rap on fabric	44	Tons	\$26.76	\$1,177.44	
			<b>Total Storm Sewers</b>	<b>\$21,093.76</b>	



*Ashton L. Fritz*

Ashton L. Fritz      7/8/2016

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

*Cool Creek Drain, Mary Kreag Arm  
Mapleridge Section 1 Reconstruction*

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Cool Creek Drain, Mary Kreag Arm, Mapleridge Section 1 Reconstruction** on **October 24, 2016 at 9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed 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

STATE OF INDIANA     )  
                          ) SS               BEFORE THE HAMILTON  
                          )  
COUNTY OF HAMILTON )               DRAINAGE BOARD

IN THE MATTER OF Cool Creek Drain, Mary Kreag Arm,  
Mapleridge Section 1 Reconstruction

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **October 24, 2016** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

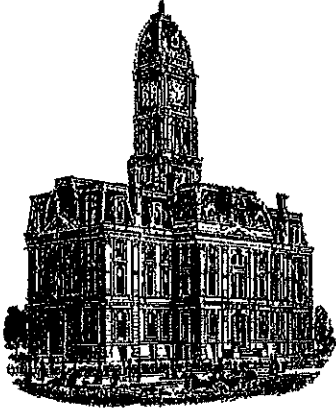
If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman  
PRESIDENT

ATTEST: Lynette Mosbaugh  
SECRETARY





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, 2019

**Re: Cool Creek Drain: Mary Kreag Drain – Maple Ridge Sec. 1 Relocation**

Attached are as-built, certificate of completion & compliance, and other information for Maple Ridge Section 1 Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.


During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated August 29, 2016. The report was approved by the Board at the hearing held October 24, 2016. (See Drainage Board Minutes Book 17, Pages 167-169) The changes are as follows: the 24" RCP was shortened from 312 feet to 223 feet. The length of the drain due to the changes described above is now **598 feet**. It should be noted that 1247 feet of the original Mary Kreag tile was vacated with this project.

The non-enforcements were approved by the Board at its meeting on October 24, 2016 and November 14, 2016. Both documents were recorded under instrument #'s 2017013934 and 2017013935.

The infrastructure was paid for by the developer. No sureties were submitted for this project.

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: MAPLERIDGE, SECTION 2, 3 & 4 AS-BUILTS

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: David N. Ayala Date: 8/19/19

Type or Print Name: DAVID N. AYALA

Business Address: 1367 W. 161<sup>st</sup> ST.

WESTFIELD, IN 46074

Telephone Number: 317-903-9055

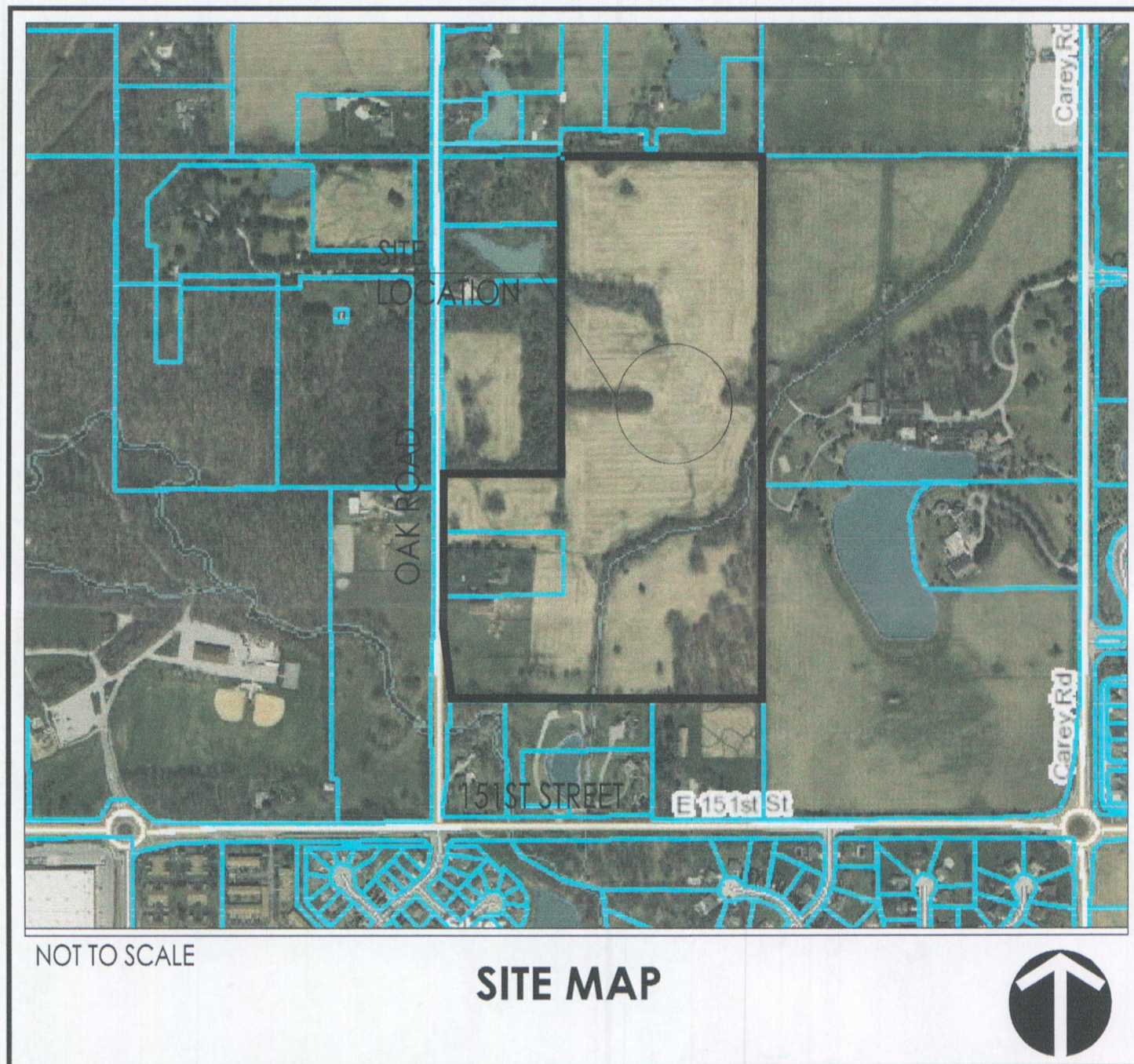
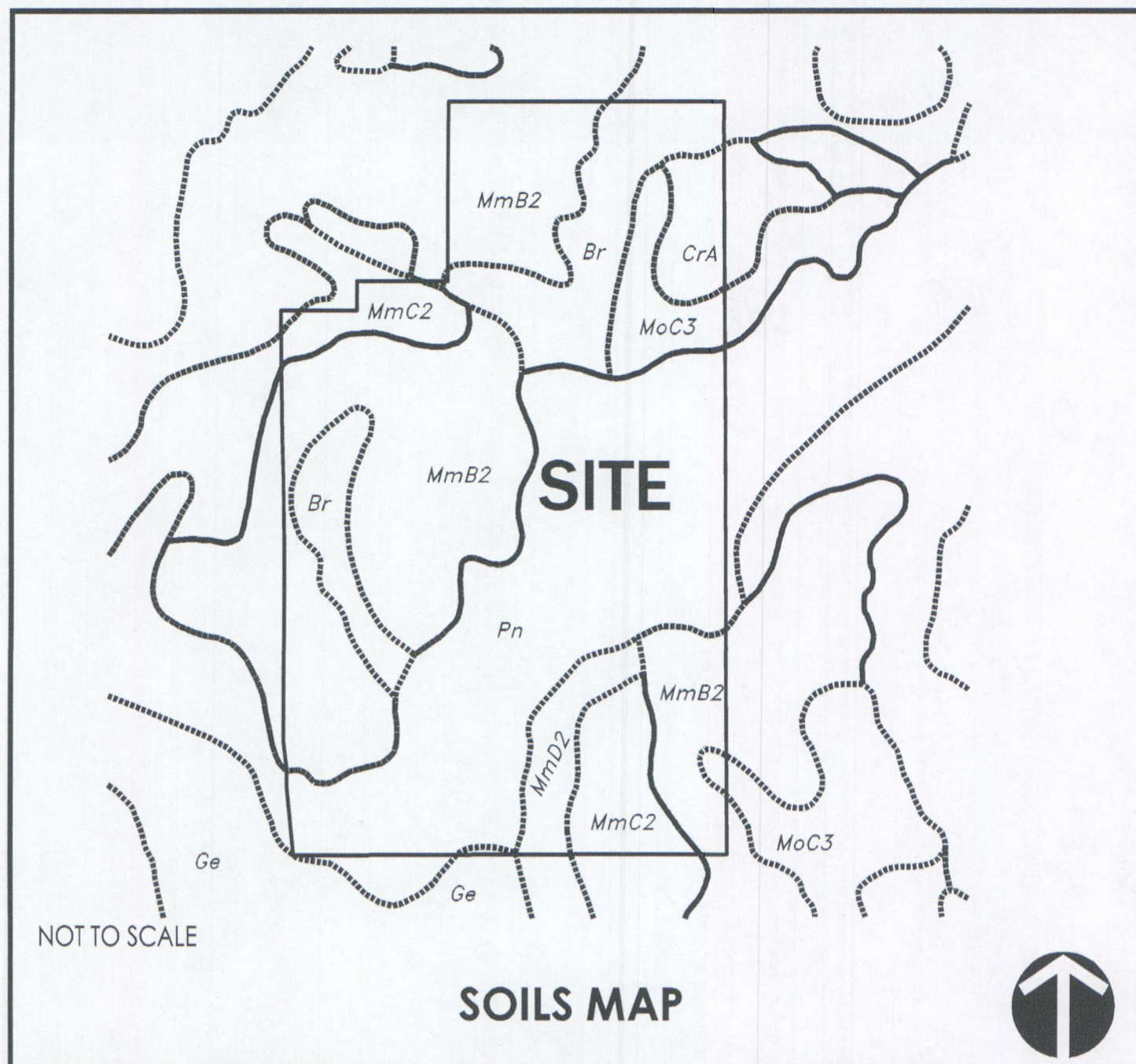
SEAL



INDIANA REGISTRATION NUMBER

LS.20000227

# CONSTRUCTION PLANS FOR: MAPLERIDGE SECTION 1 OAK ROAD WESTFIELD, HAMILTON CO., IN SECTION 18, TOWNSHIP 18N, RANGE 4E



SHEET INDEX	
SHEET NO. - SHEET TITLE	
C100	COVER SHEET
<del>C101</del>	<del>GENERAL INFORMATION PLAN</del>
<del>C102-C103</del>	<del>EXISTING CONDITIONS PLAN</del>
<del>C104-C105</del>	<del>DEVELOPMENT PLAN</del>
<del>C106</del>	<del>SIGNAGE AND STRIPING PLAN</del>
<del>C201-C202</del>	<del>ROAD PLAN AND PROFILE</del>
<del>C401-C403</del>	<del>SANITARY SEWER PLAN AND PROFILE</del>
<del>E501</del>	<del>EROSION CONTROL PLAN</del>
<del>E502</del>	<del>EROSION CONTROL PLAN</del>
<del>E503</del>	<del>EROSION AND SWPP DETAILS</del>
<del>E504</del>	<del>EROSION NOTES AND SPECS</del>
C601-C605	STORM SEWER PLAN AND PROFILE
<del>C701-C702</del>	<del>WATER DISTRIBUTION PLAN</del>
<del>C801-C803</del>	<del>CONSTRUCTION DETAILS</del>
<del>E804</del>	<del>POND DETAILS</del>
<del>E805</del>	<del>BUCKEYE PIPELINE NOTES &amp; DETAILS</del>
<del>E901</del>	<del>GENERAL SPECIFICATIONS</del>
<del>L100-L103</del>	<del>LANDSCAPE PLAN</del>

### PLANS PREPARED FOR:

LANGSTON RESIDENTIAL, LLC  
1132 S RANGELINE ROAD, SUITE 100  
CARMEL, IN 46032  
Contact Person: Jim Langston  
jlangdev@langstondev.com  
317-590-5687

### OPERATING AUTHORITIES

Westfield Economic and Community Development Department 2728 East 171st Street Westfield, Indiana 46074	Westfield Fire Department 17535 Dartown Road Westfield, Indiana 46074	Westfield Public Works Department 2706 East 171st Street Westfield, Indiana 46074
Hamilton County Surveyor's Office One Hamilton County Square, Suite 188 Noblesville, Indiana 46060	Citizens Water and Wastewater of Westfield, LLC 2150 Dr. Martin Luther King Drive Indianapolis, Indiana 46202	Citizens Gas of Westfield 2150 Dr. Martin Luther King Drive Indianapolis, Indiana 46202
Duke Energy 100 South Mill Creek Road Noblesville, Indiana 46062	Indiana Gas / Vectren P.O. Box 1700 Noblesville, Indiana 46061	Buckeye Partners, L.P. 940 Buckeye Road Lima, Ohio 45804
AT&T 5858 North College Avenue Indianapolis, Indiana 46220		

## RECORD DRAWINGS STORM SEWERS

CERTIFIED BY: *Nickolas M. Schmitt* APRIL 17, 2017  
NICKOLAS M. SCHMITT, P.E., P.S.

RECORD DRAWING INFORMATION SHOWN HEREON IS BASED ON SURVEYED DATA, VISUAL FIELD INSPECTIONS, AND CONTRACTOR MARK-UPS AND DATA SHEETS FOR GENERAL CONFORMANCE WITH THE APPROVED DESIGN PLANS.

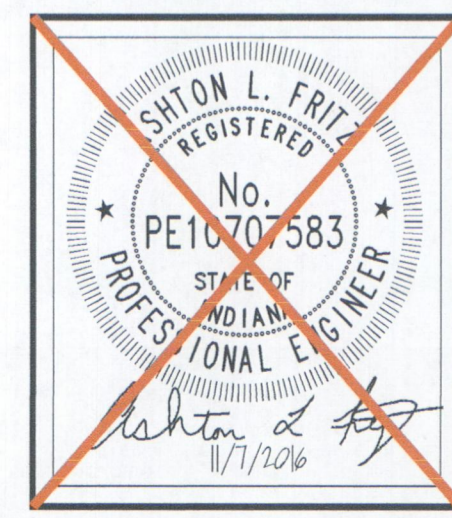
RECORD DRAWING CERTIFICATION IS ONLY FOR HOUSE LATERAL LOCATION MARKERS, STRUCTURE LOCATIONS, TOP OF CASTING ELEVATIONS, INVERT ELEVATIONS, AND APPROXIMATE LENGTHS OF PIPE. SLOPE PERCENTAGES REPRESENT A CALCULATED FIGURE AND IS FOR GENERAL INFORMATION ONLY.

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: August 2017  
Entered By: SLM

REVISIONS		
SHEETS	REVISION DESCRIPTION	DATE
ALL	TAC REVISIONS & OWNER COMMENTS	6/16/2016
ALL	TAC REVISIONS	6/23/2016
C701-C702	FINAL CITIZENS PLANS	7/21/2016
ALL	REV. PER BUCKEYE REVIEW COMMENTS	11/7/2016

THE CITY OF WESTFIELD STANDARDS SHALL BE INCORPORATED BY REFERENCE INTO THESE PLANS.

- NOTES:**
- ALL CONTRACTORS SHALL REVIEW CITY OF WESTFIELD STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THIS PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLAYS MAY BE REQUIRED.
  - THE PRESENCE OF A CITY OF WESTFIELD REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "CITY OF WESTFIELD CONSTRUCTION STANDARDS, LATEST EDITION"; THIS REVIEW ONLY DESIGNATES THAT THE GENERAL COMPLIANCE WITH DESIGN AND SPECIFICATIONS HAVE BEEN MET. FIELD CHANGES MAY BECOME NECESSARY IN ORDER TO COMPLY WITH THE DETAILED CITY OF WESTFIELD SPECIFICATIONS.

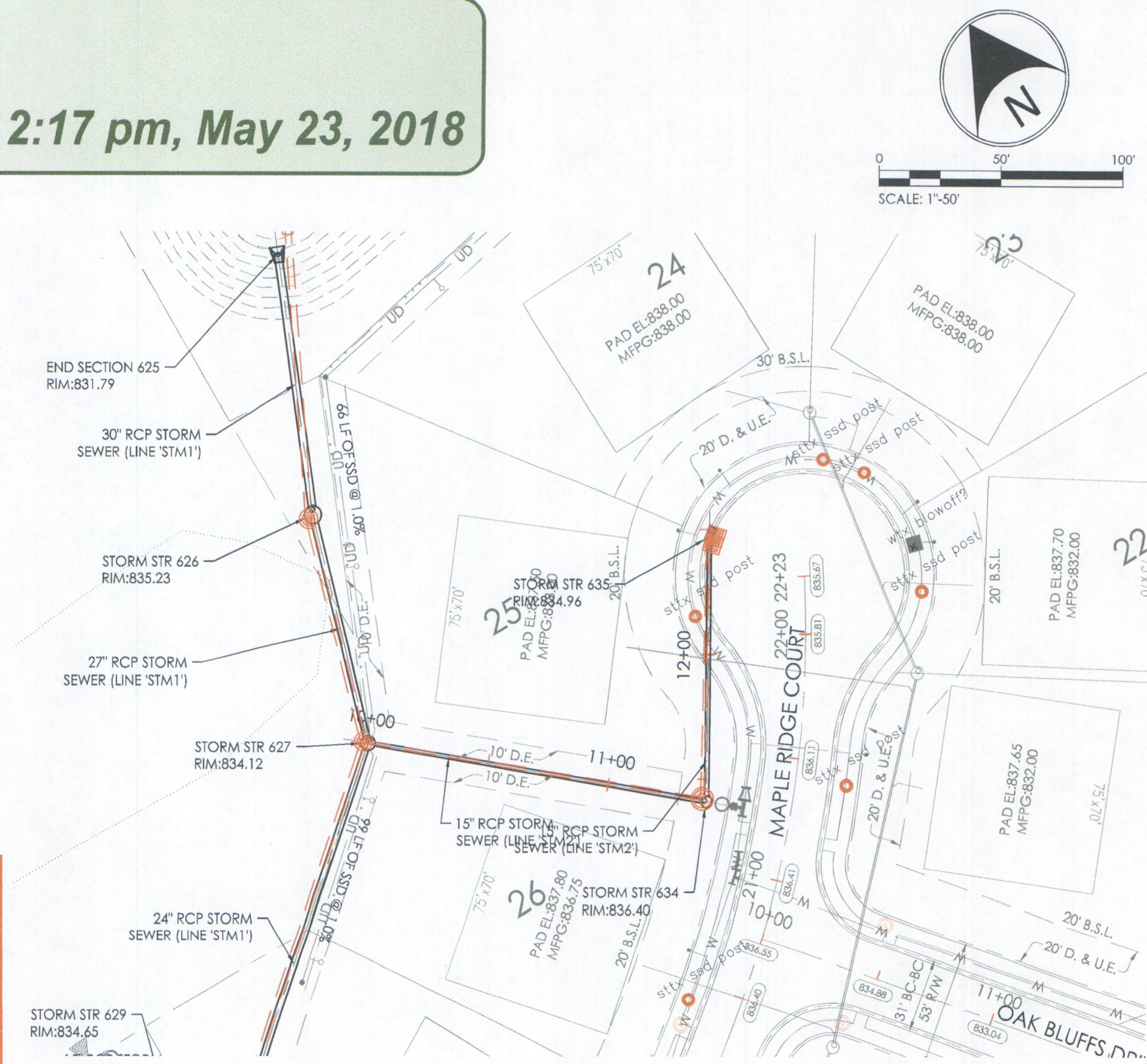
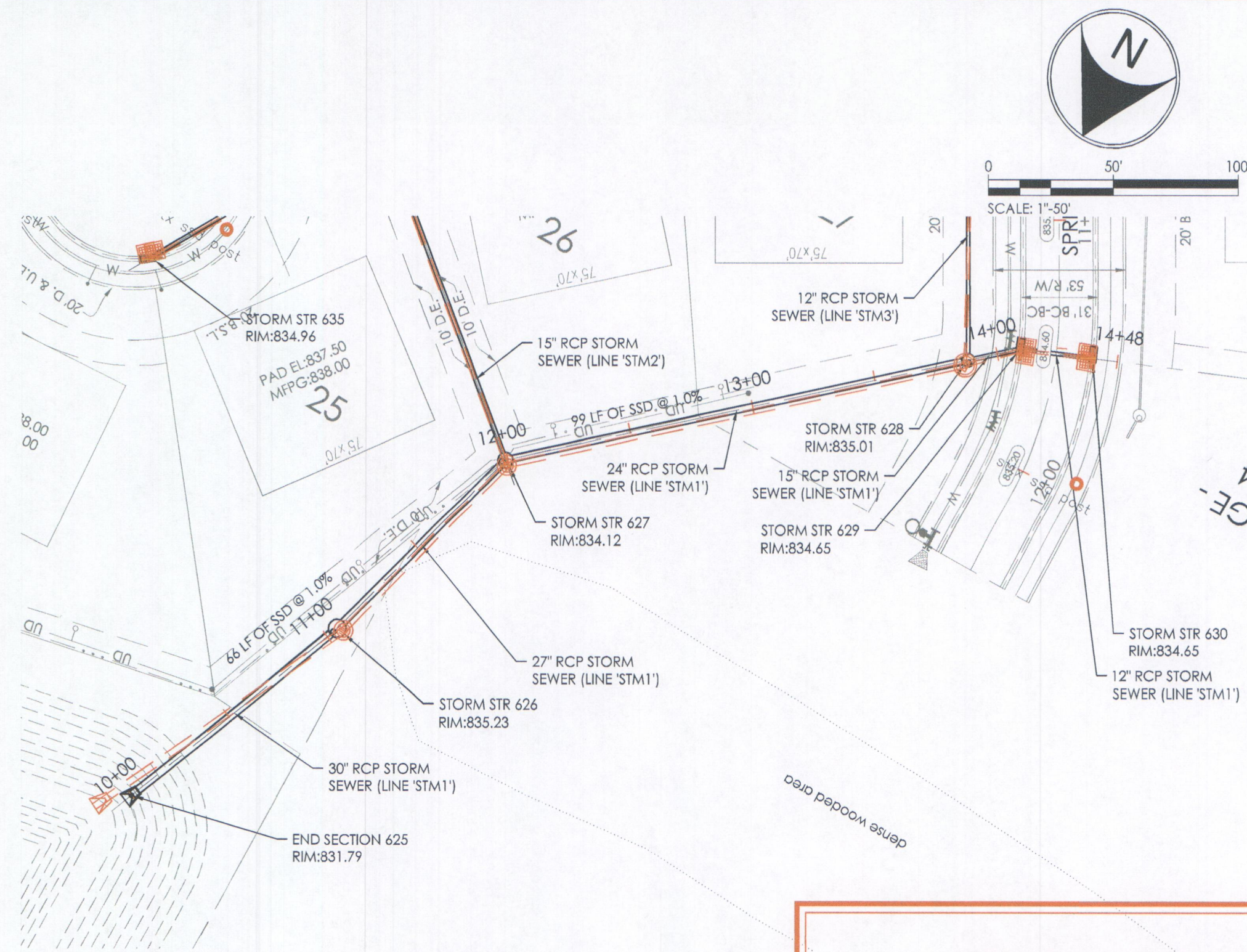


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- LAND SURVEYORS
- DEVELOPMENT CONSULTANTS
- GEOTECHNICAL
- ENVIRONMENTAL
- CONSTRUCTION STAKING
- CONSTRUCTION MAT. TESTING

PLAN DATE	4/01/2016
PROJECT NO.	140827
SHEET NO.	<b>C100</b>

**APPROVED**  
By Alex Wilson at 2:17 pm, May 23, 2018

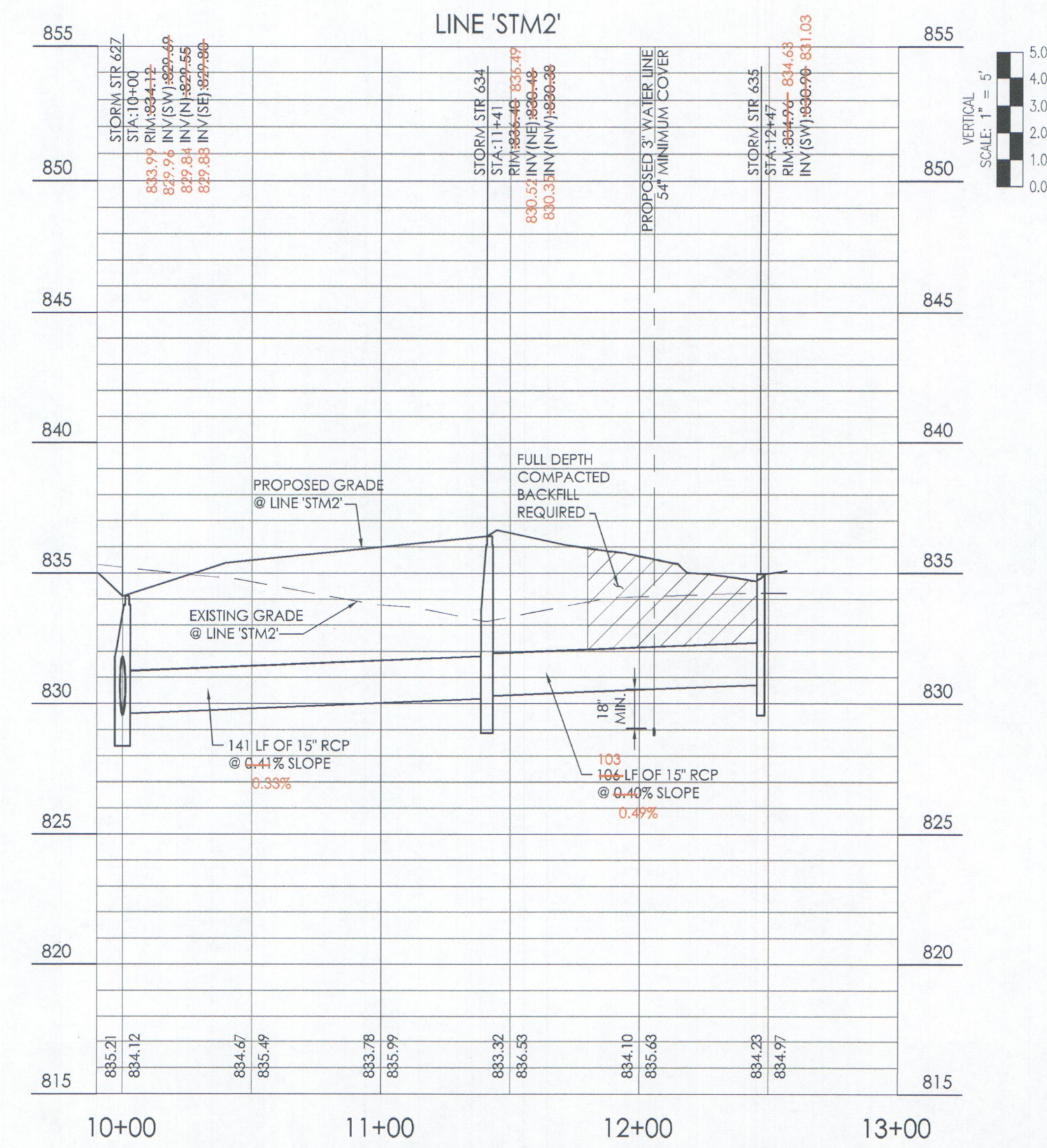
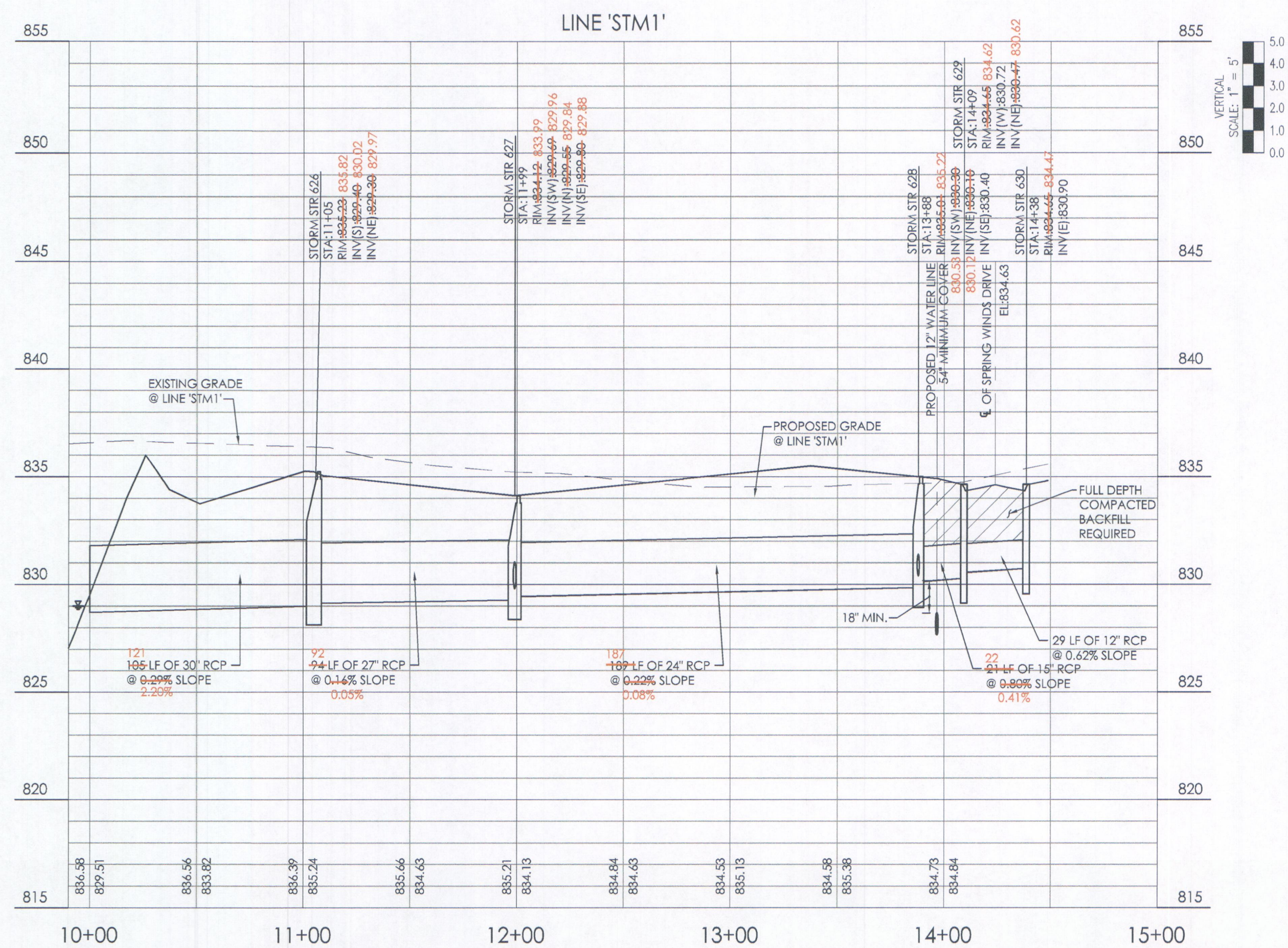


## RECORD DRAWINGS STORM SEWERS

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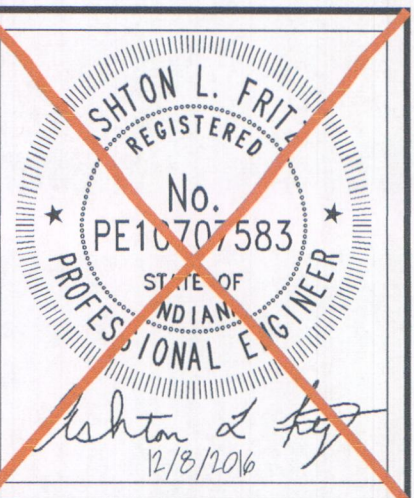
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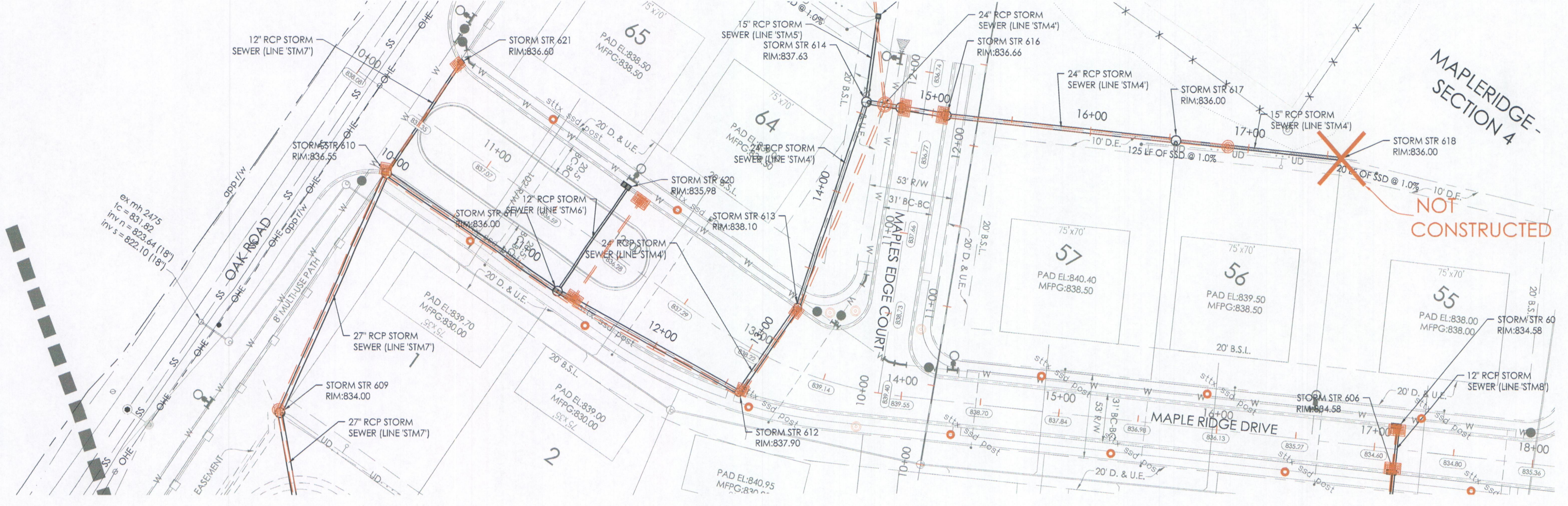
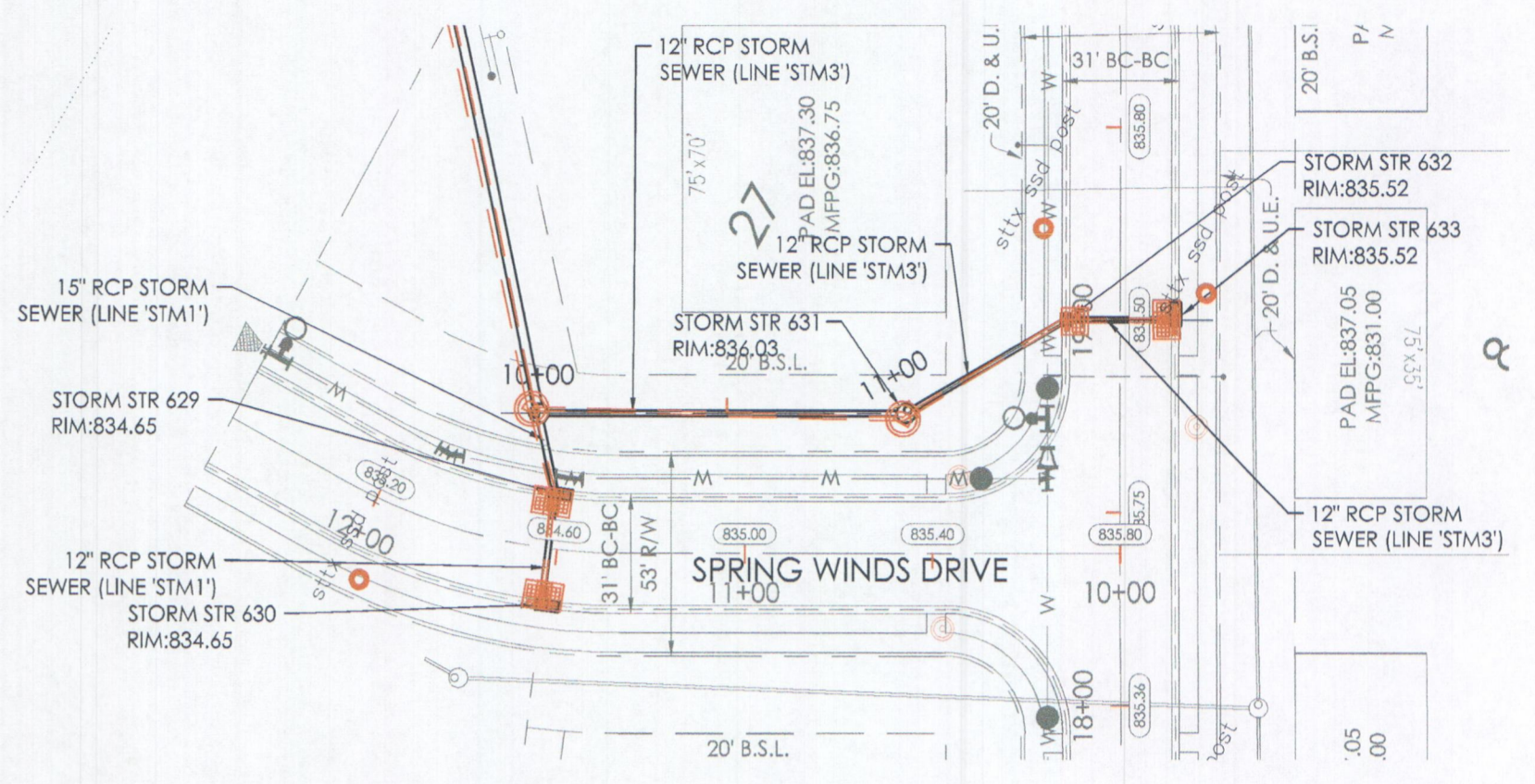
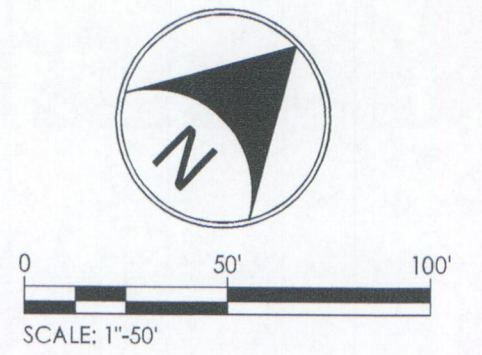
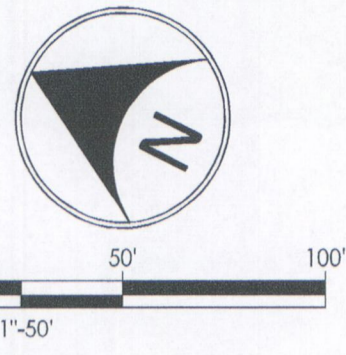
DATE	BY	REVISIONS AND ISSUES
4/17/2017	NS	1. PREPARE RECORD DRAWINGS
7/7/2016	AF	2. PREPARE RECORD DRAWINGS
11/7/2016	AF	3. FINAL CHANGES PLANS
1/28/2016	AF	4. CHECK FOR FINAL COMMENTS
2/28/2016	AF	5. CHECK FOR FINAL COMMENTS



CONSTRUCTION PLANS FOR:  
**MAPLERIDGE SECTION 1**  
OAK ROAD, WESTFIELD, HAMILTON CO., IN - 318.118N.PAE  
1132 S. RANGEINE ROAD, SUITE 100, CARMEL, IN 46032  
**STORM SEWER PLAN AND PROFILE**

PLAN DATE: 4/01/2016  
DESIGN: AF CHECK: NS DRAWING: KG  
PROJECT NO. 140827  
SHEET NO. **C601**

**APPROVED**  
By Alex Wilson at 2:17 pm, May 23, 2018



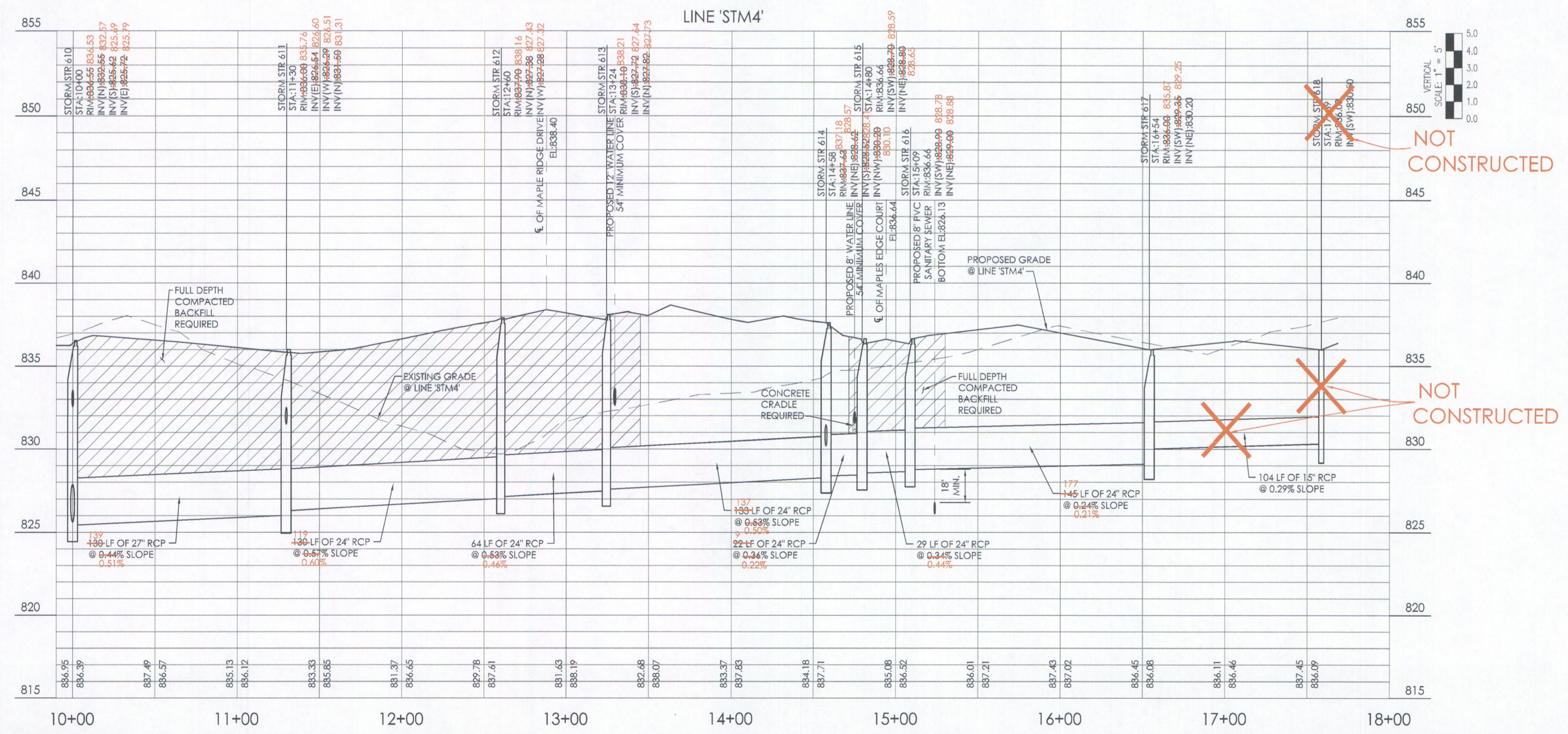
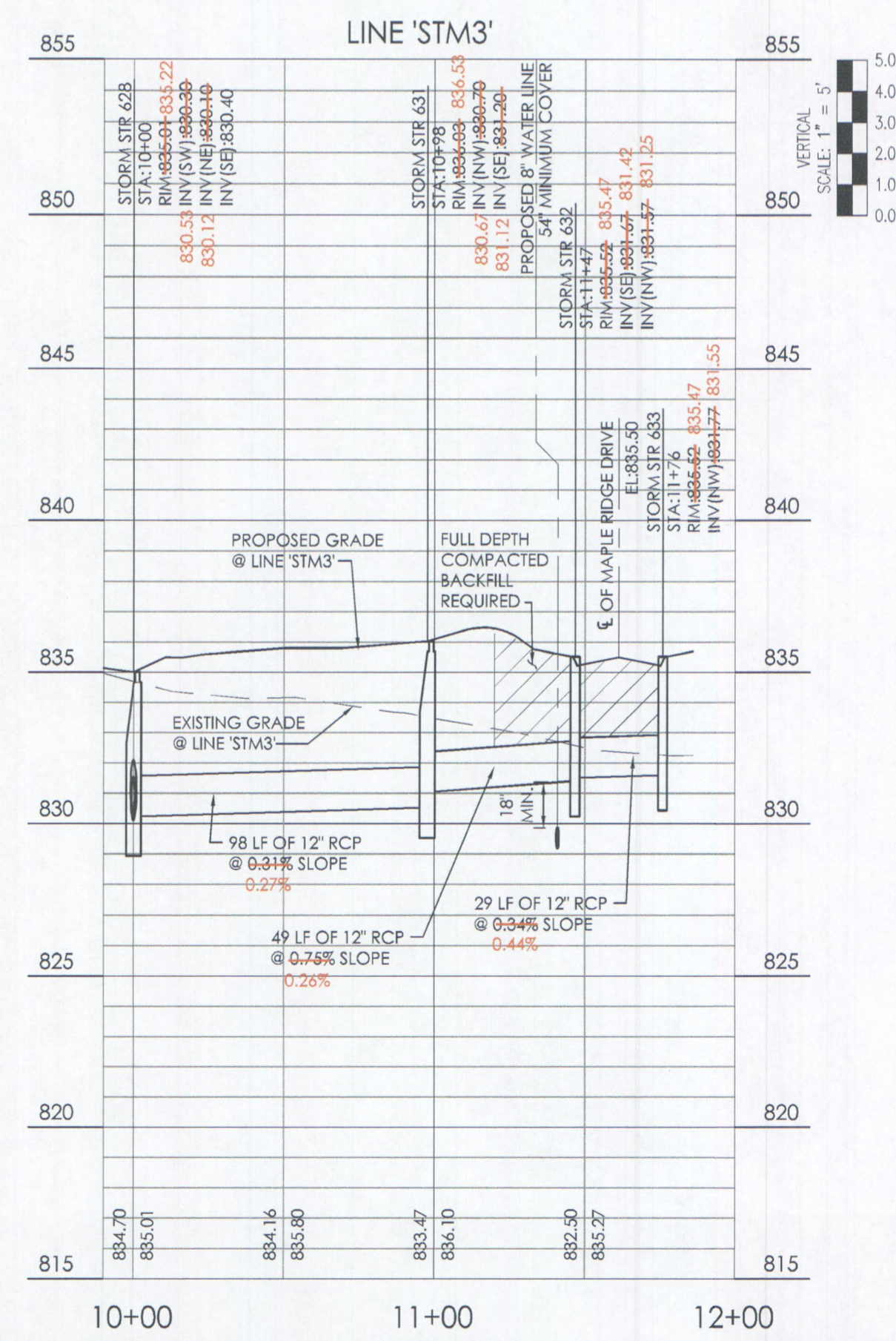
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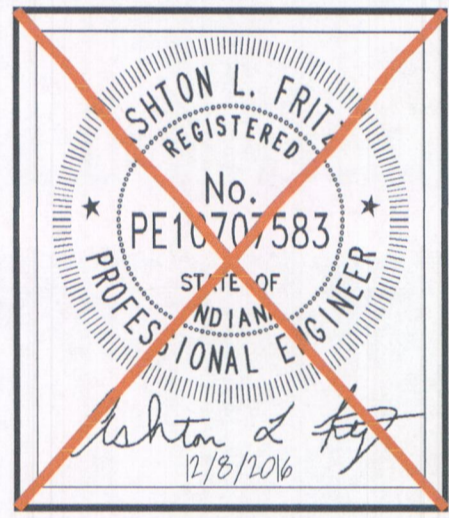


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DATE	BY	REVISIONS
6/16/16	AF	1. REVISIONS TO THE COMMENTS OTHER COMMENTS
7/17/16	AF	2. REVISIONS TO THE COMMENTS OTHER COMMENTS
11/7/16	AF	3. FINAL CLIENT PLAN
12/8/16	AF	4. REVISIONS TO THE COMMENTS OTHER COMMENTS
12/8/16	AF	5. REVISIONS TO THE COMMENTS OTHER COMMENTS



**CONSTRUCTION PLANS FOR:**  
**MAPLERIDGE SECTION 1**  
OAK ROAD, WESTFIELD, HAMILTON CO., IN. - 318.18N E4E  
1132 S RANGE LINE ROAD, SUITE 100, CARVEL, IN. 46032

**STORM SEWER PLAN AND PROFILE**

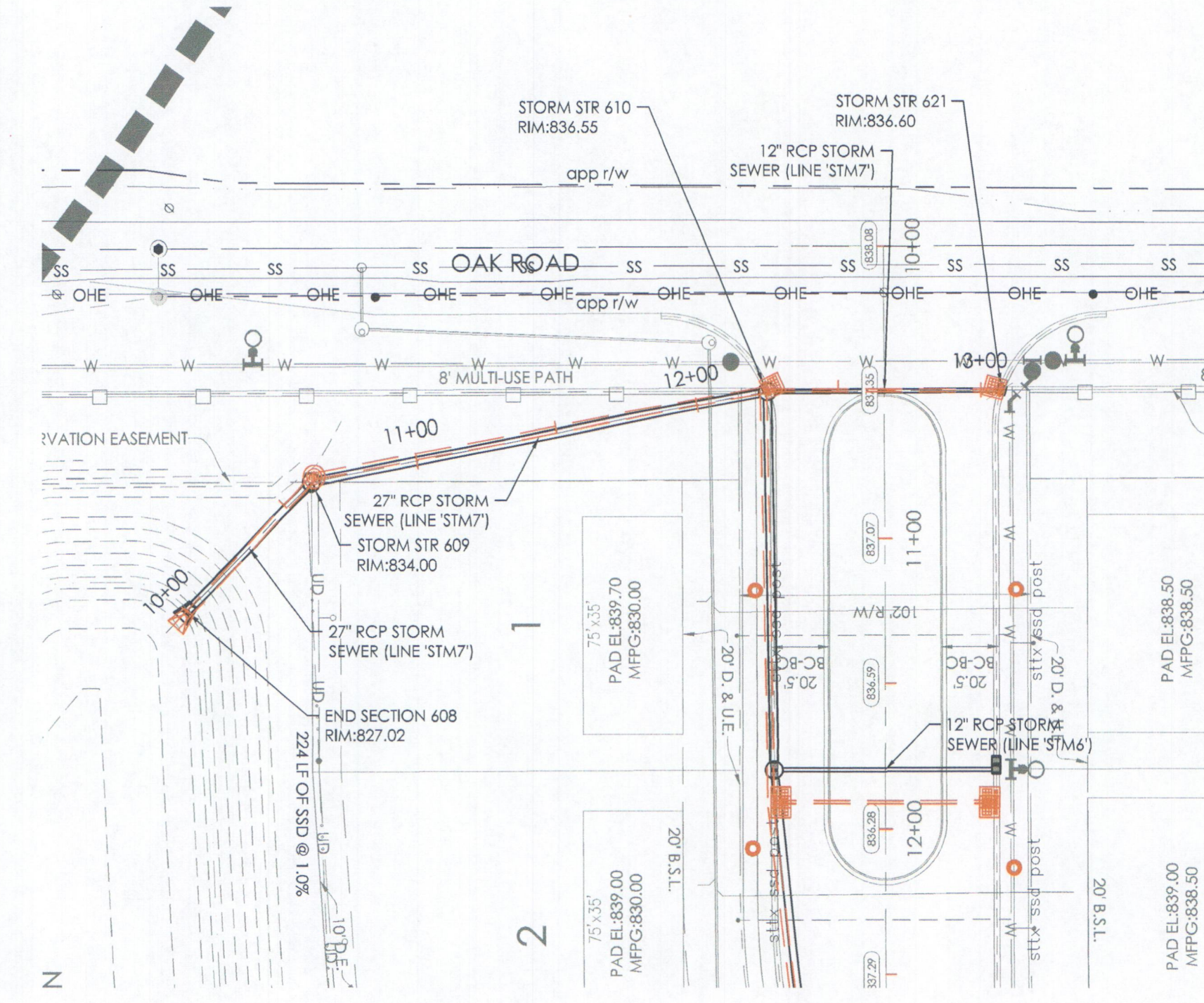
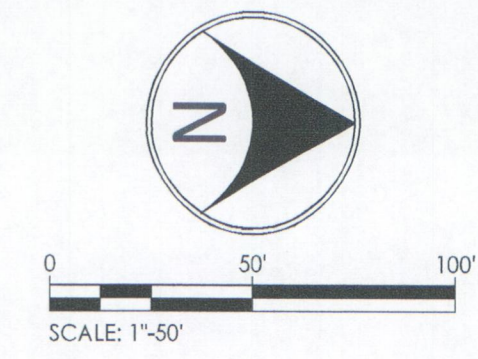
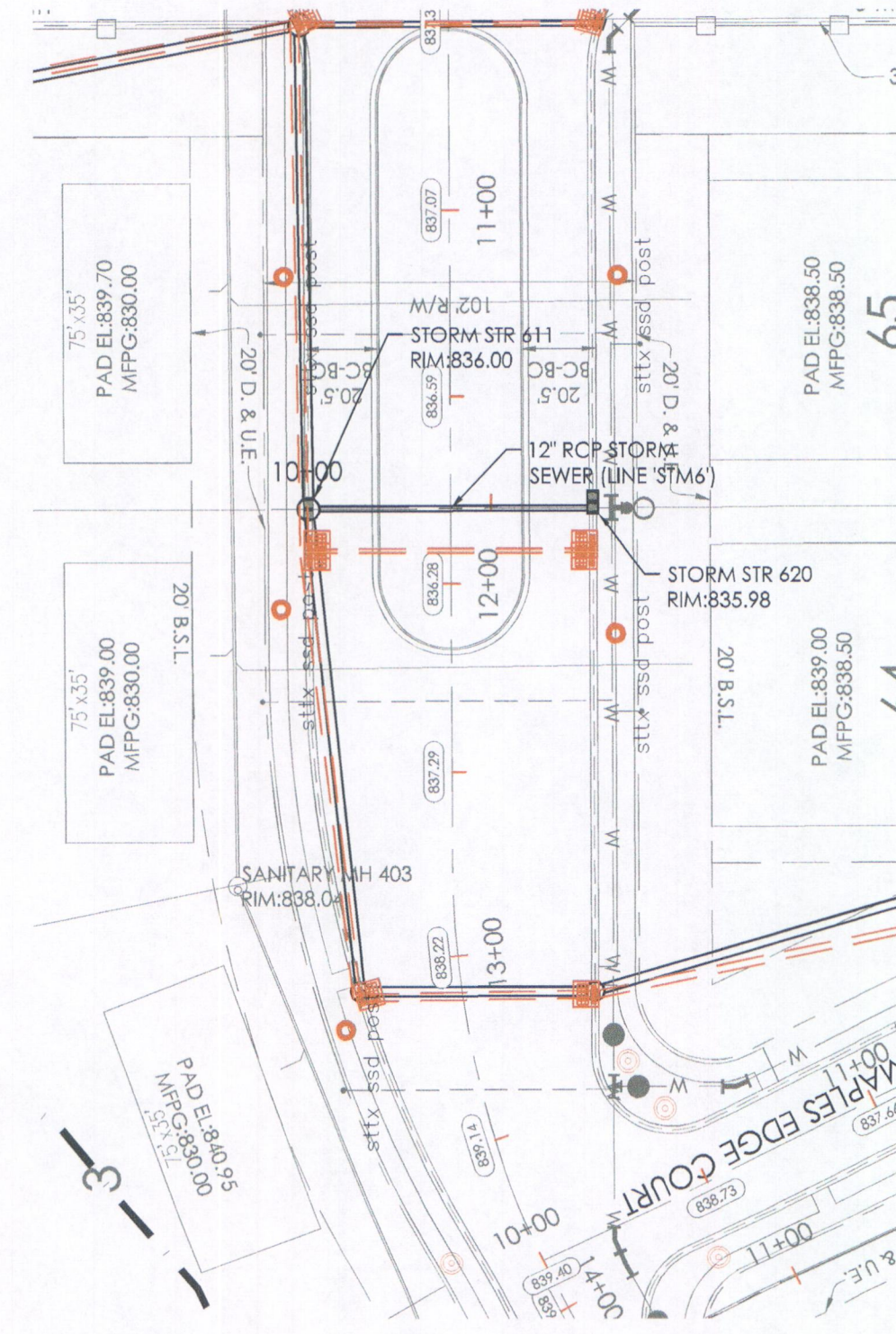
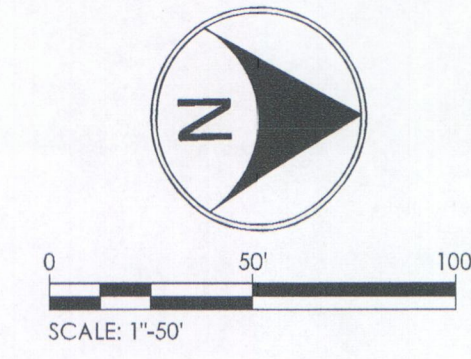
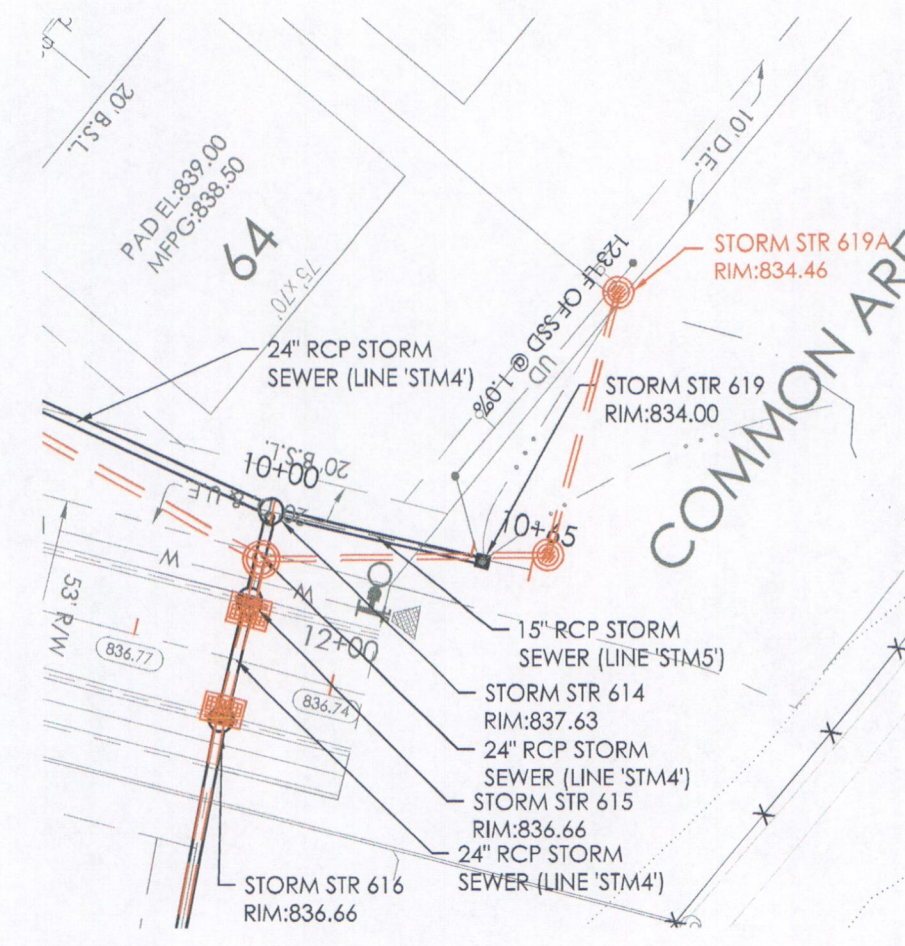
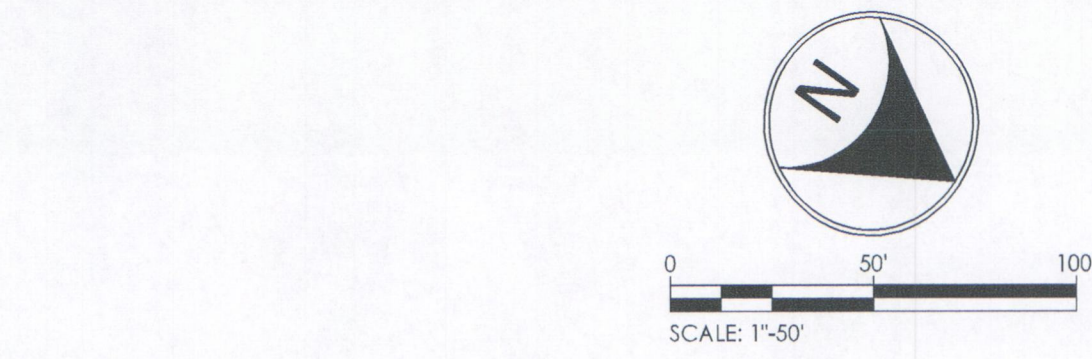
PLAN DATE: 4/01/2016

DESIGN: AF	CHECK: NS	DRAWN: JF
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PROJECT NO: 140827

SHEET NO: **C602**

**APPROVED**  
By Alex Wilson at 2:17 pm, May 23, 2018

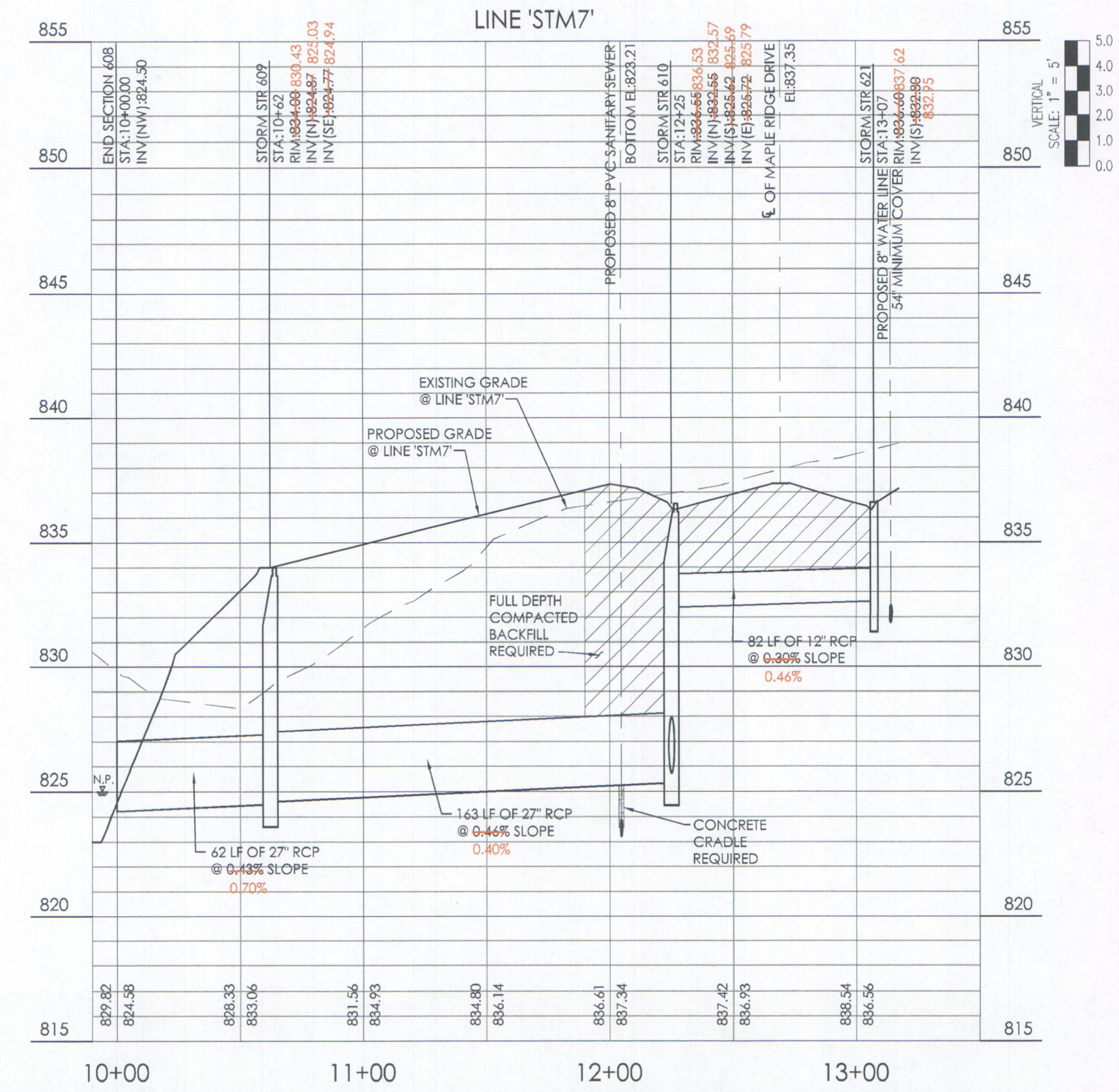
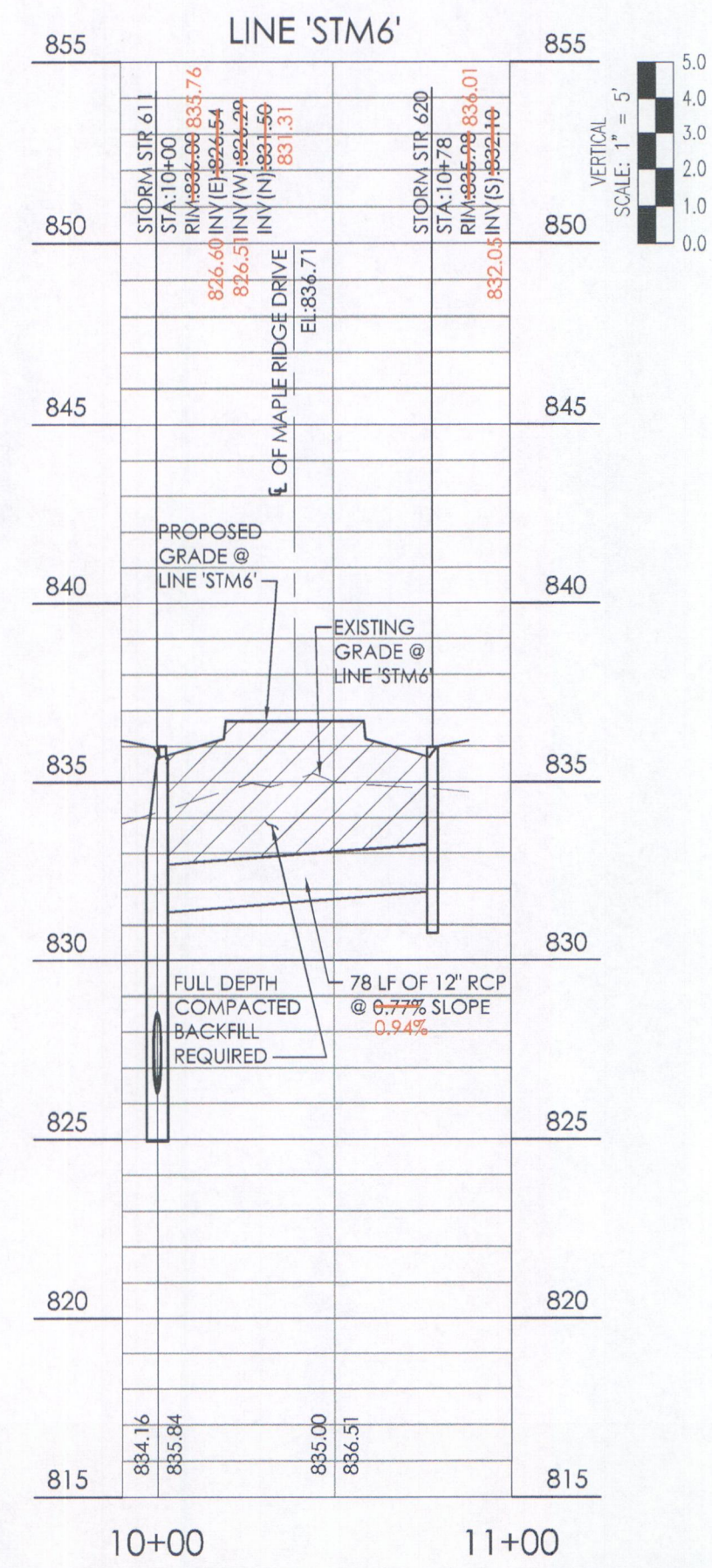
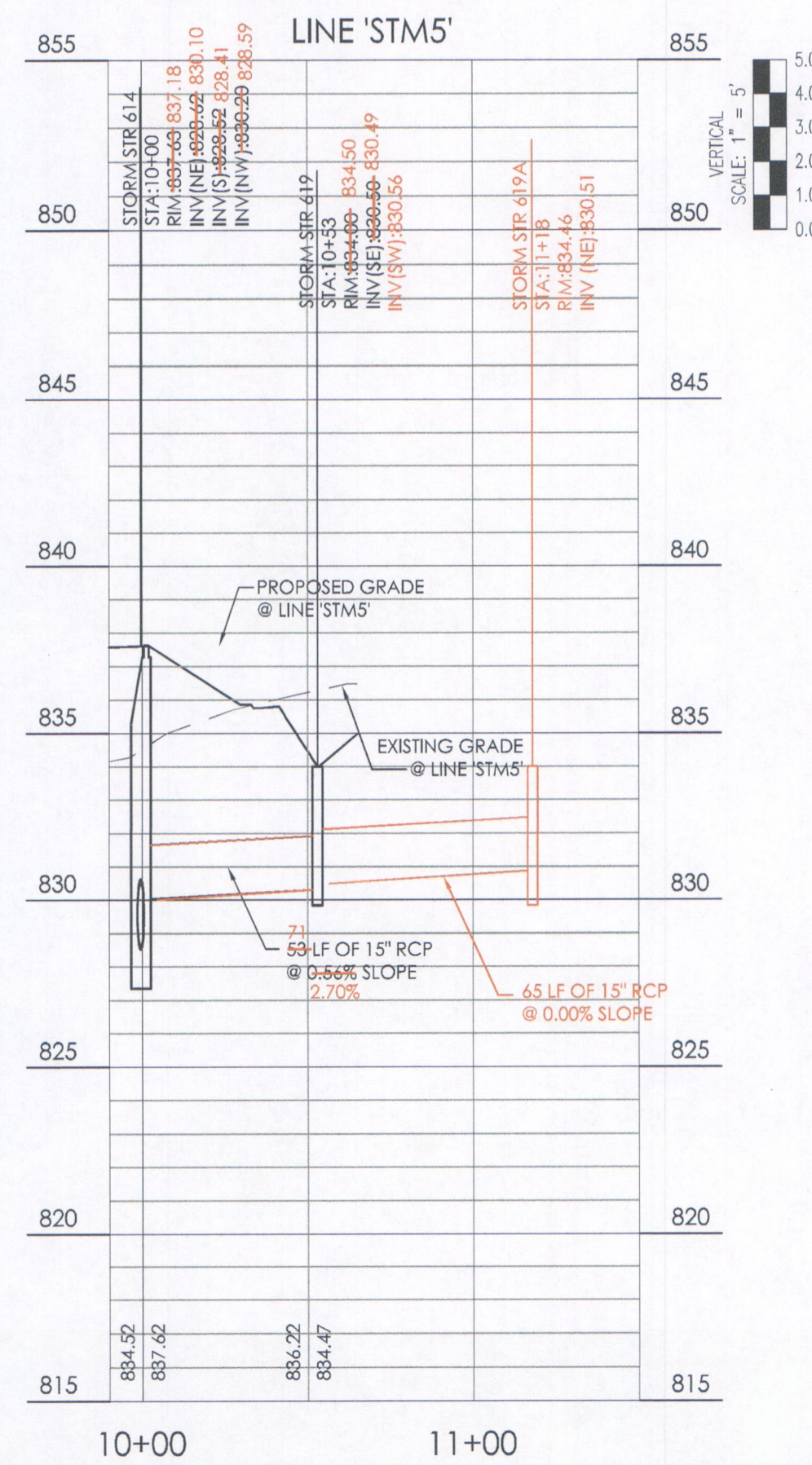


## RECORD DRAWINGS STORM SEWERS

CERTIFIED BY: *Nickolas M. Schmitt* APRIL 17, 2017  
NICKOLAS M. SCHMITT, PE, PS

RECORD DRAWING INFORMATION SHOWN HEREON IS BASED ON SURVEYED DATA, VISUAL FIELD INSPECTIONS, AND CONTRACTOR MARK-UPS AND DATA SHEETS FOR GENERAL CONFORMANCE WITH THE APPROVED DESIGN PLANS.

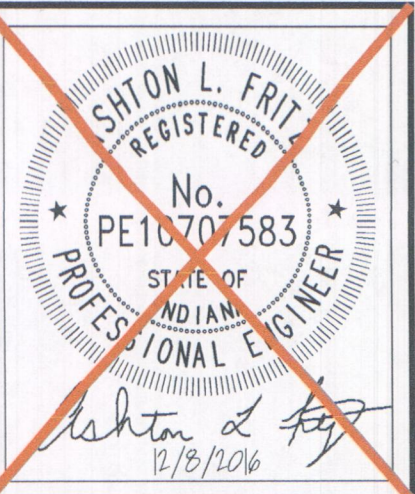
RECORD DRAWING CERTIFICATION IS ONLY FOR HOUSE LATERAL LOCATION MARKERS, STRUCTURE LOCATIONS, TOP OF CASTING ELEVATIONS, INVERT ELEVATIONS, AND APPROXIMATE LENGTHS OF PIPE. SLOPE PERCENTAGES REPRESENT A CALCULATED FIGURE AND IS FOR GENERAL INFORMATION ONLY.



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ENVIRONMENTAL  
CONSTRUCTION STAKING  
CONSTRUCTION MAT. TESTING



DATE	BY	REVISIONS
4/18/2016	AF	1. INITIAL DESIGN
7/21/2016	AF	2. REVISIONS
11/7/2016	AF	3. REVISIONS
12/9/2016	AF	4. REVISIONS

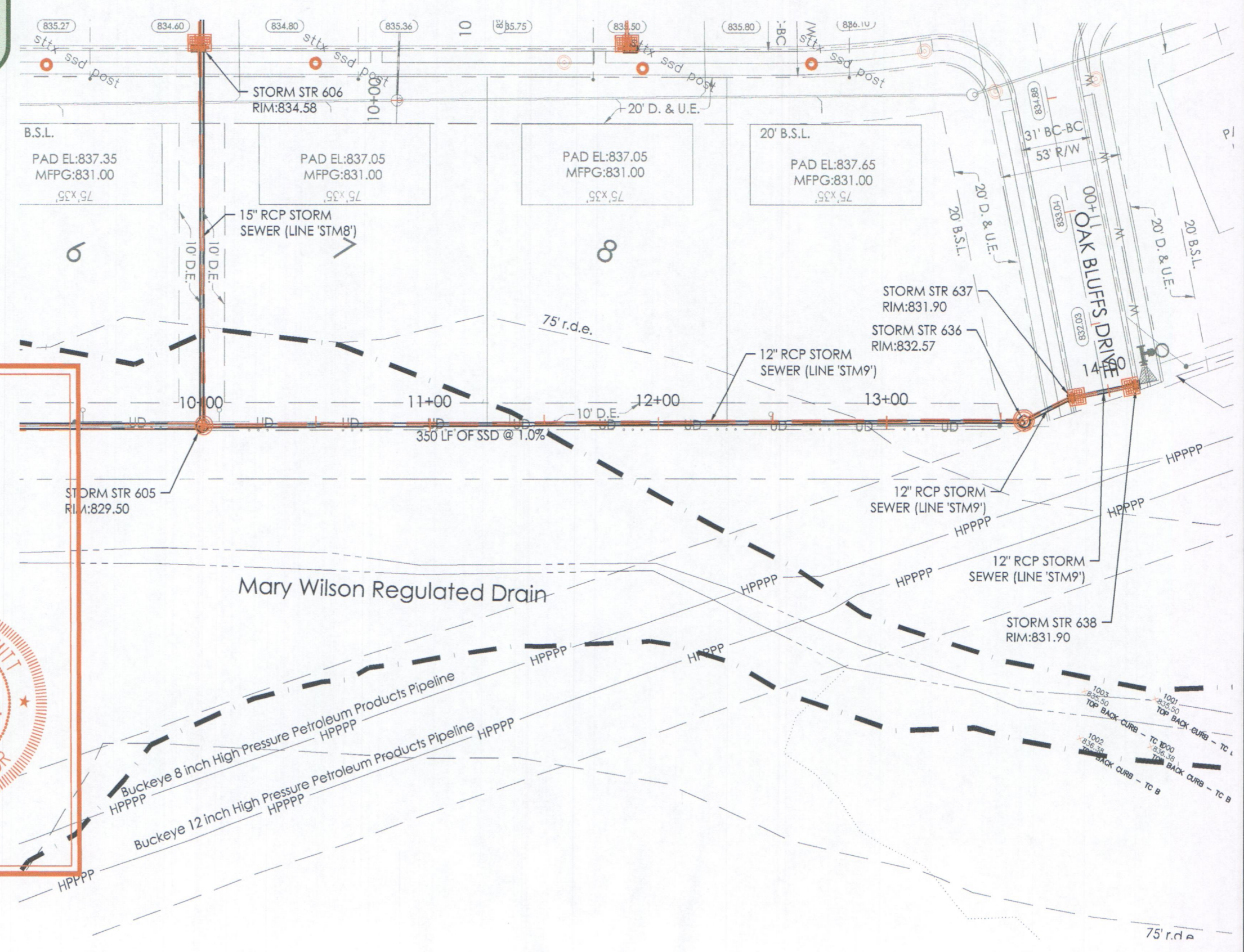
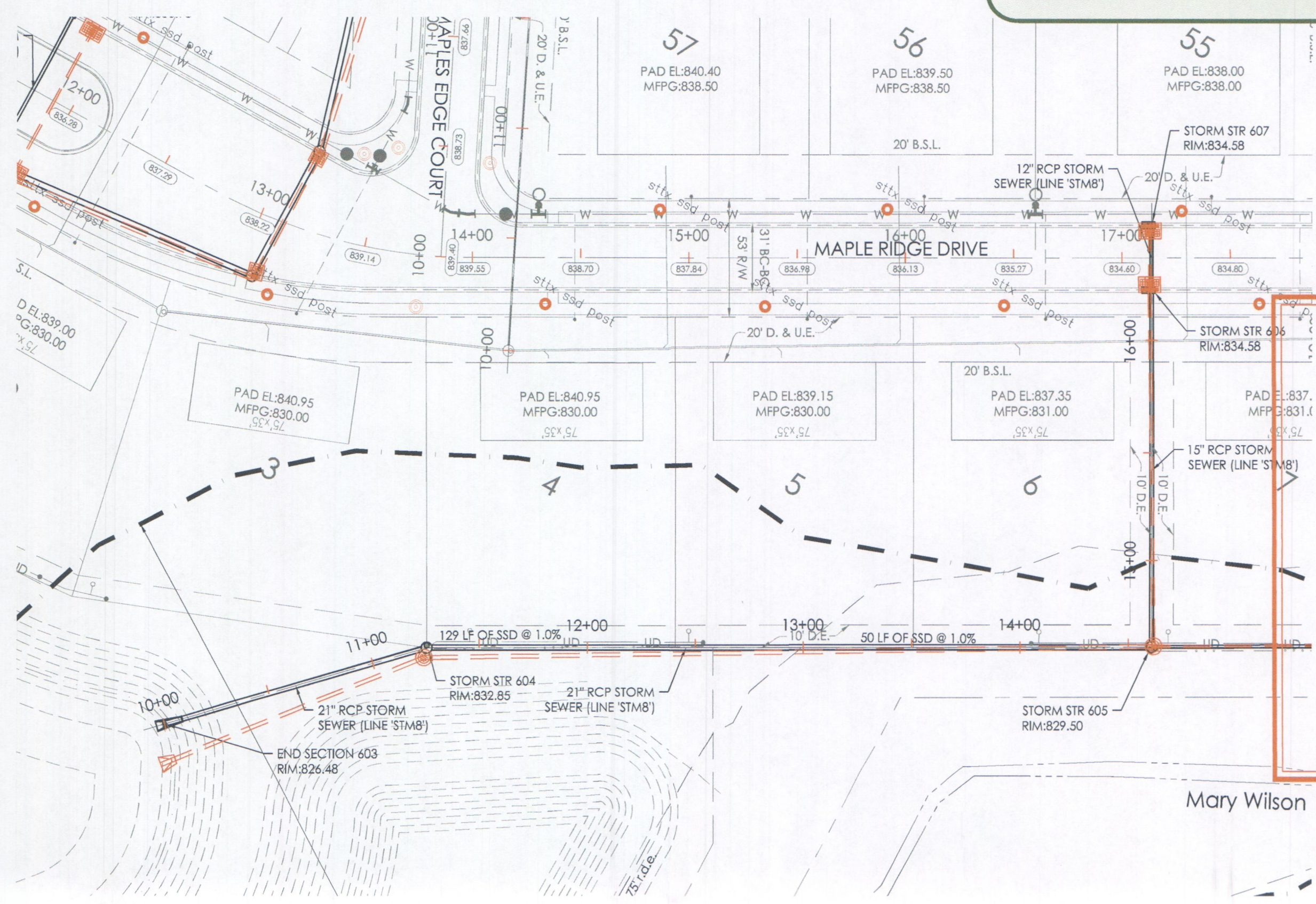
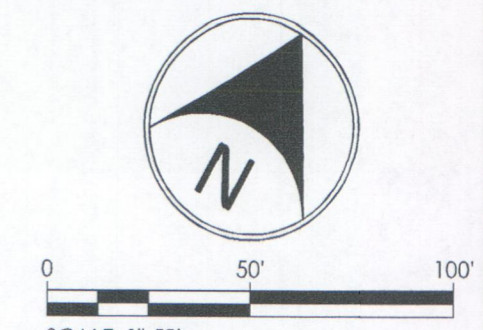
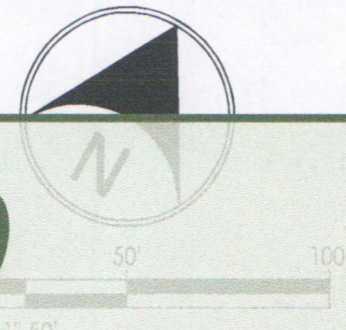


**CONSTRUCTION PLANS FOR:**  
**MAPLERIDGE SECTION 1**  
OAK ROAD, WESTFIELD, HAMILTON CO., IN - STR. TBRN-PAE  
**LANGSTON RESIDENTIAL, LLC**  
1132 S RANGELINE ROAD, SUITE 100, CARMEL, IN 46032  
**STORM SEWER PLAN AND PROFILE**

PLAN DATE	4/01/2016
DESIGN	AF
CHECK	NS
DRAWN	JF
PROJECT NO.	140827
SHEET NO.	<b>C603</b>

**APPROVED**

By Alex Wilson at 2:17 pm, May 23, 2018

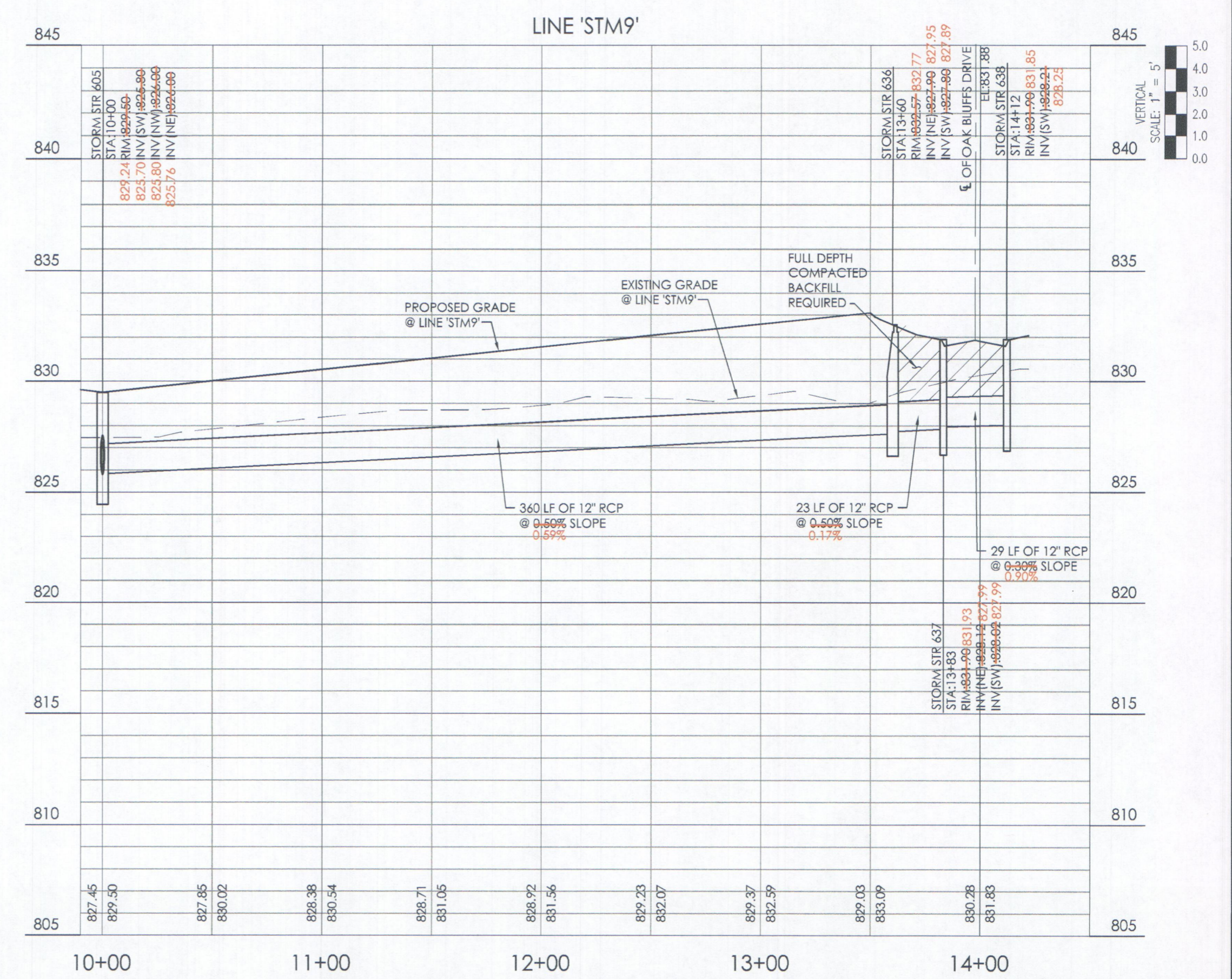
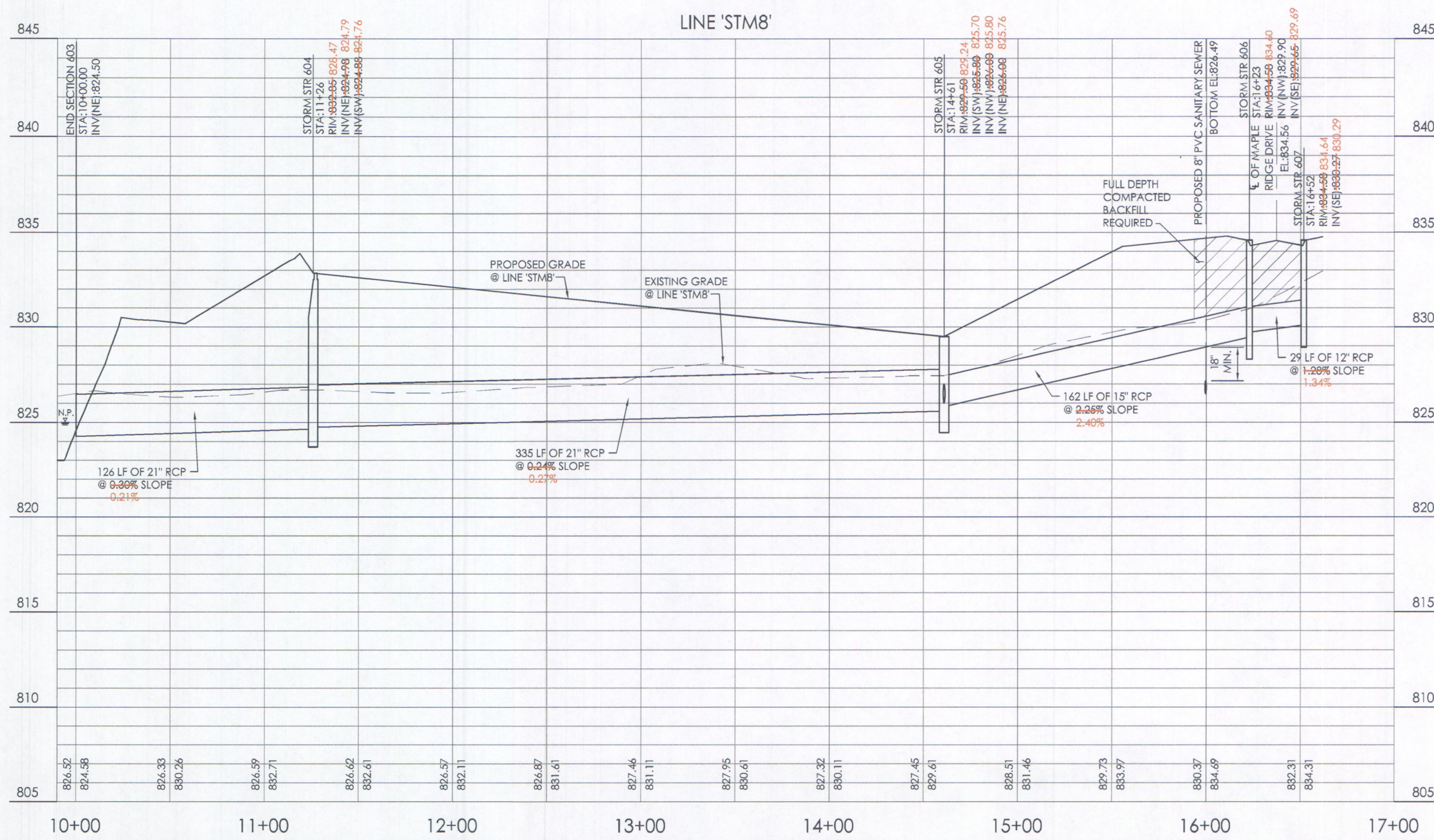


**RECORD DRAWINGS  
STORM SEWERS**

CERTIFIED BY: *Nickolas M. Schmitt* APRIL 17, 2017  
NICKOLAS M. SCHMITT, PE, PS

RECORD DRAWING INFORMATION SHOWN HEREON IS BASED ON SURVEYED DATA, VISUAL FIELD INSPECTIONS, AND CONTRACTOR MARK-UPS AND DATA SHEETS FOR GENERAL CONFORMANCE WITH THE APPROVED DESIGN PLANS.

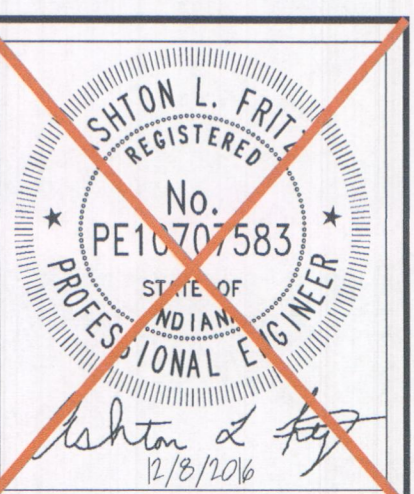
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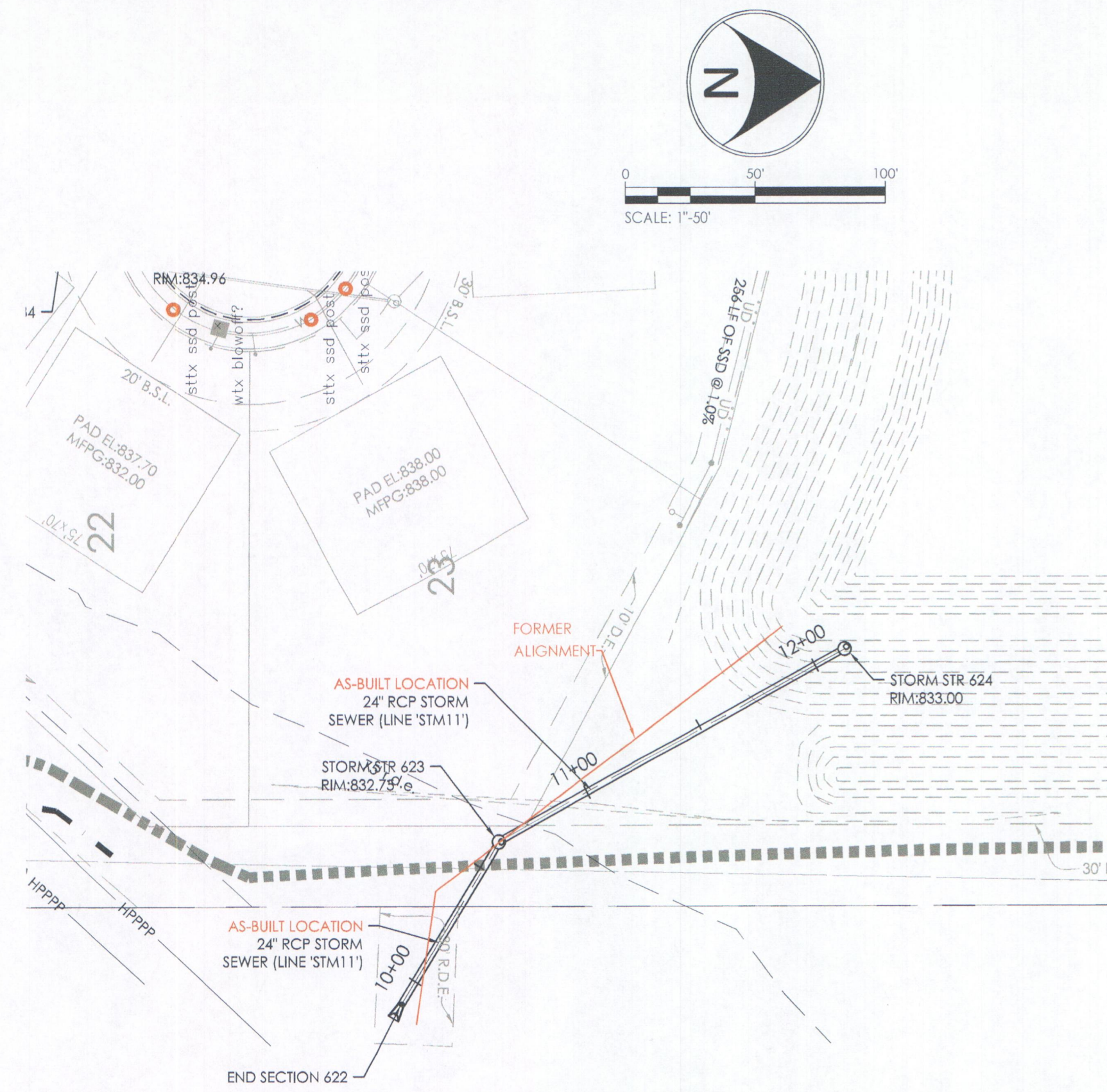
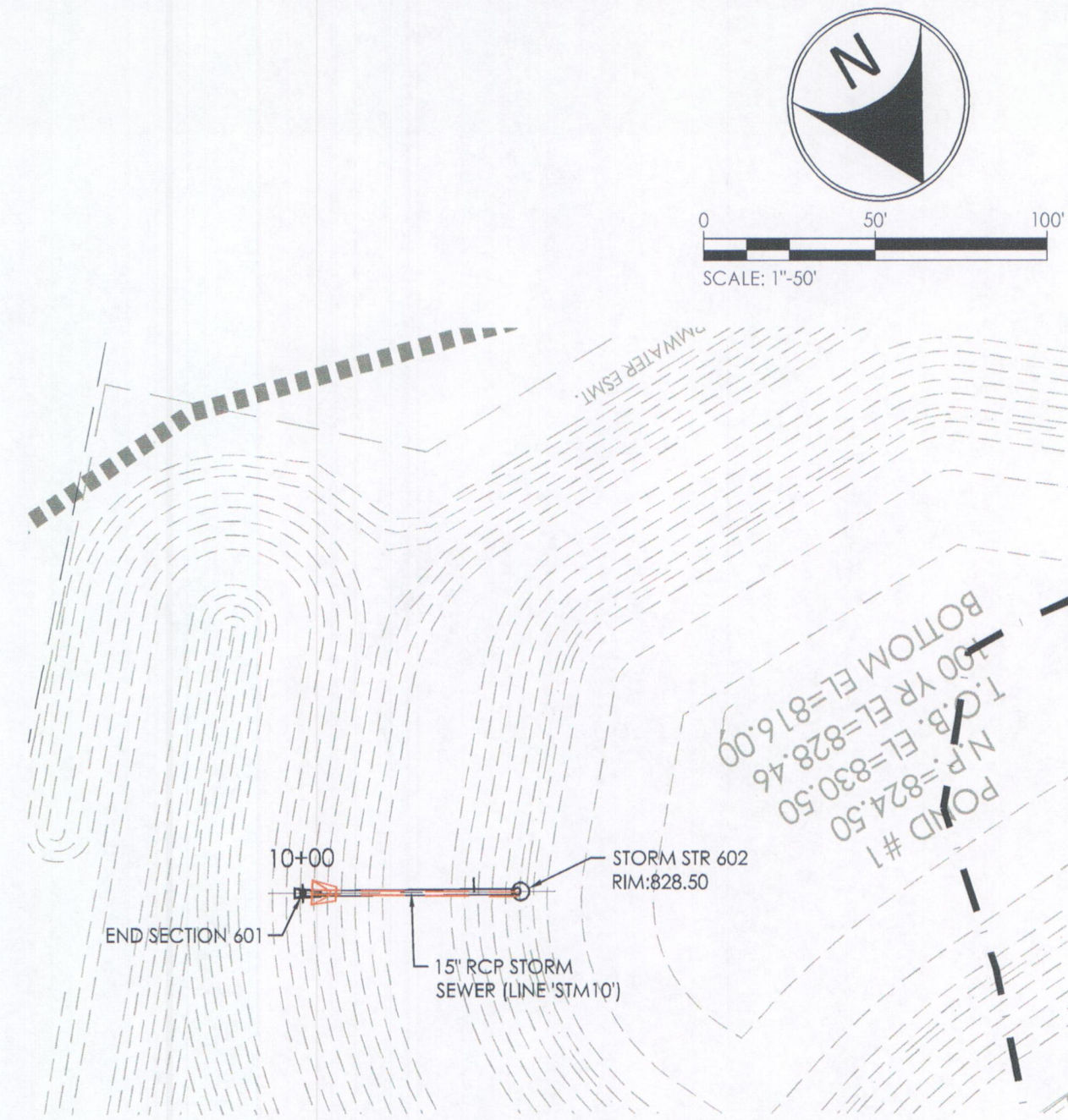


NO.	DATE	BY	DESCRIPTION
1	4/17/2017	NS	FINAL DESIGN
2	4/17/2017	NS	FINAL DESIGN
3	4/17/2017	NS	FINAL DESIGN
4	4/17/2017	NS	FINAL DESIGN
5	4/17/2017	NS	FINAL DESIGN



**CONSTRUCTION PLANS FOR:**  
**MAPLERIDGE SECTION 1**  
OAK ROAD, WESTFIELD, HAMILTON CO., IN - 518.118N.18E  
LANGSTON RESIDENTIAL, LLC  
1132 S. RANGELINE ROAD, SUITE 100, CARMEL, IN 46032  
**STORM SEWER PLAN AND PROFILE**

PLAN DATE:	4/01/2016
DESIGN:	AF
CHECK:	NS
DRAWN:	AF
PROJECT NO.:	140827
SHEET NO.:	<b>C604</b>



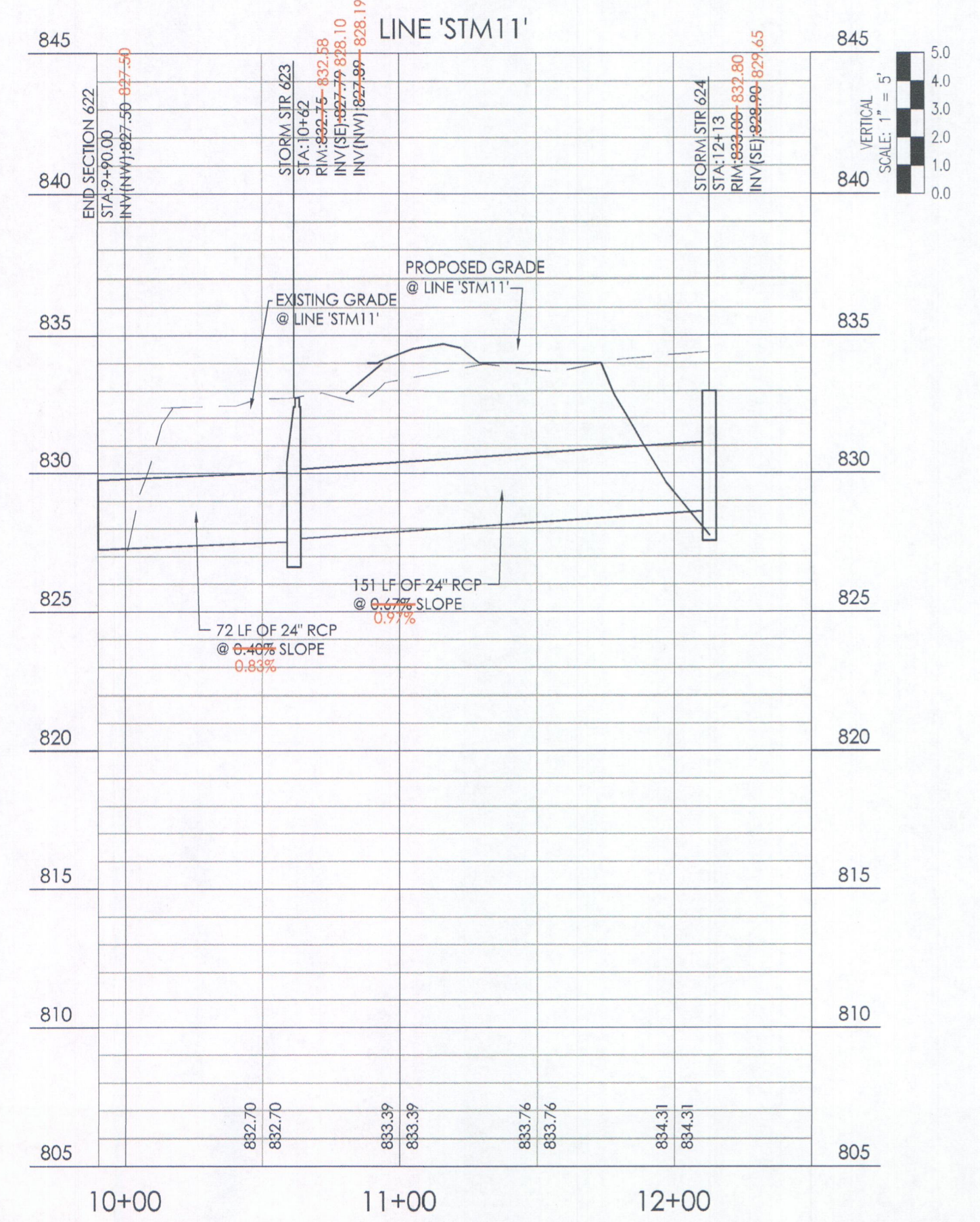
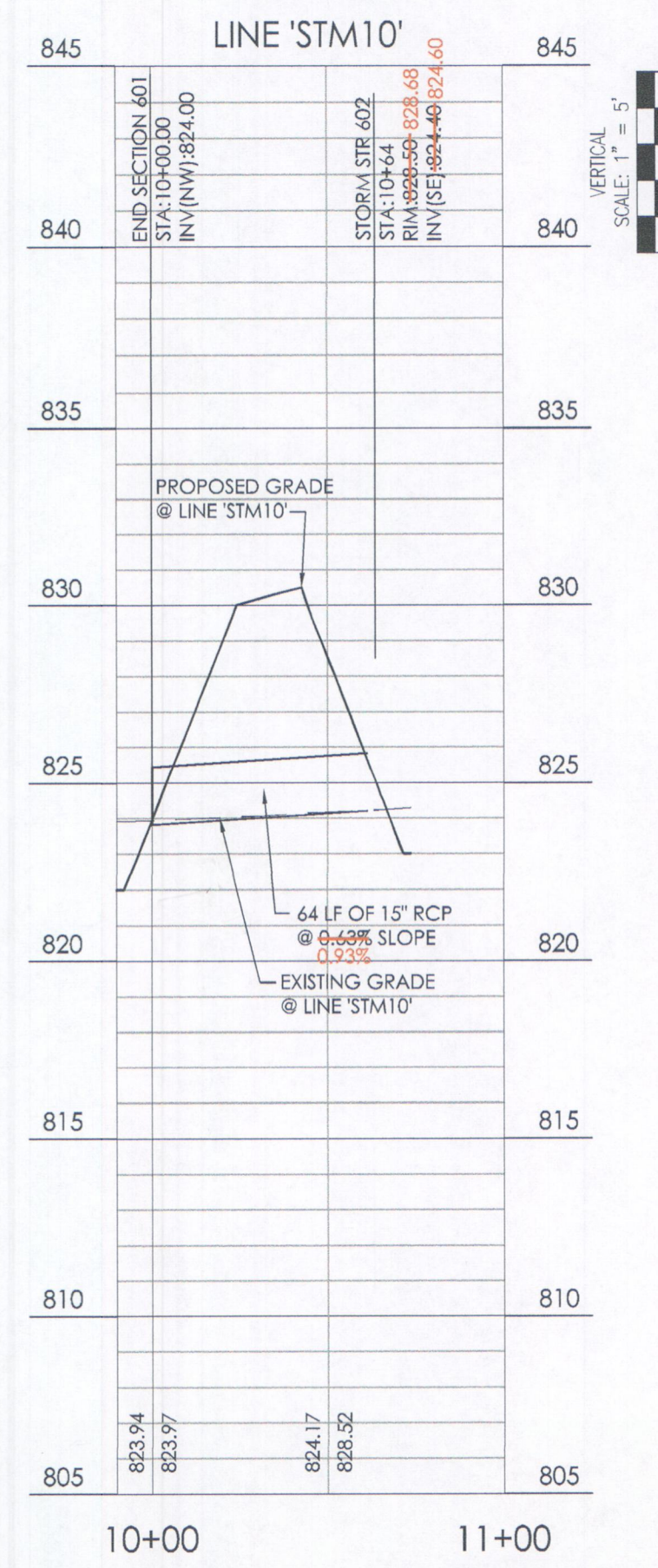
## RECORD DRAWINGS STORM SEWERS

CERTIFIED BY: *Nickolas M. Schmitt* APRIL 17, 2017  
NICKOLAS M. SCHMITT, P.E., P.S.

RECORD DRAWING INFORMATION SHOWN HEREON IS BASED ON SURVEYED DATA, VISUAL FIELD INSPECTIONS, AND CONTRACTOR MARK-UPS AND DATA SHEETS FOR GENERAL CONFORMANCE WITH THE APPROVED DESIGN PLANS.

RECORD DRAWING CERTIFICATION IS ONLY FOR HOUSE LATERAL LOCATION MARKERS, STRUCTURE LOCATIONS, TOP OF CASTING ELEVATIONS, INVERT ELEVATIONS, AND APPROXIMATE LENGTHS OF PIPE. SLOPE PERCENTAGES REPRESENT A CALCULATED FIGURE AND IS FOR GENERAL INFORMATION ONLY.

STRUCTURE DATA TABLE				
STRUCTURE NO.	RIM	NEENAH CASTING DESIGNATION	STRUCTURE TYPE	NOTES
601	-	N/A	N/A	End Section Required
602	826.50	SEE DETAIL	SEE DETAIL	Outlet Control Structure
603	-	N/A	N/A	End Section Required
604	826.85	R-4342	48" MANHOLE	
605	826.60	R-4342	48" MANHOLE	
606	834.50	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
607	834.50	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
608	-	N/A	N/A	End Section Required
609	834.00	R-4342	60" MANHOLE	
610	832.23	R-3501-TL	60" MANHOLE	
611	833.76	R-3501-TL	60" MANHOLE	Double Casting Required
612	835.15	R-3501-TL	48" MANHOLE	
613	838.10	R-3501-TL	48" MANHOLE	
614	837.15	R-1772	60" MANHOLE	
615	836.66	R-3501-TL	60" MANHOLE	Double Casting Required
616	836.66	R-3501-TL	60" MANHOLE	Double Casting Required
617	835.87	R-4342	60" MANHOLE	
618	836.00	R-4342	2'x2' BOX	
619	834.00	R-4342	2'x2' BOX	
620	835.77	R-3501-TL	2'x2' BOX	Double Casting Required
621	837.74	R-3501-TL	2'x2' BOX	
622	-	N/A	N/A	End Section Required
623	832.75	R-1772	48" MANHOLE	
624	833.00	SEE DETAIL	SEE DETAIL	Outlet Control Structure
625	-	N/A	N/A	End Section Required
626	835.82	R-4342	72" MANHOLE	
627	834.12	R-4342	60" MANHOLE	
628	832.67	R-1772	48" MANHOLE	
629	834.05	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
630	834.74	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
631	832.03	R-1772	48" MANHOLE	
632	832.45	R-3501-TL	2'x2' BOX	
633	835.52	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
634	832.40	R-1772	48" MANHOLE	
635	834.23	R-3501-TL	2'x2' BOX	Double Structure/Casting Req'd
636	832.57	R-1772	48" MANHOLE	
637	831.90	R-3501-TL	2'x2' BOX	
638	831.00	R-3501-TL	2'x2' BOX	



PIPE DATA TABLE						
UPSTREAM STRUCTURE NO.	DOWNSTREAM STRUCTURE NO.	L.F.	SIZE / TYPE	SLOPE %	UPSTREAM INV.	DOWNSTREAM INV.
636	605	360	12" RCP	0.52%	827.89	825.76
637	636	23	12" RCP	-0.50%	828.00	827.00
638	637	29	12" RCP	0.30%	828.21	828.12
620	611	78	12" RCP	0.77%	832.10	831.21
632	631	49	12" RCP	0.76%	831.27	831.20
631	628	98	12" RCP	0.81%	830.74	830.40
633	632	29	12" RCP	0.34%	831.23	831.23
607	606	29	12" RCP	1.28%	828.27	829.90
621	610	82	12" RCP	0.30%	832.88	832.55
630	629	29	12" RCP	0.62%	830.90	830.72
602	601	64	15" RCP	-0.29%	824.40	824.00
635	634	103	15" RCP	0.40%	830.90	830.48
634	627	141	15" RCP	0.41%	830.38	829.88
606	605	162	15" RCP	0.26%	824.25	824.00
619	614	63	15" RCP	0.74%	830.50	829.29
618	617	104	15" RCP	0.29%	830.50	830.20
629	628	31	15" RCP	0.24%	830.27	830.20
604	603	126	21" RCP	0.71%	824.88	824.50
605	604	335	21" RCP	0.24%	824.80	824.98
612	611	190	24" RCP	0.57%	827.32	826.50
616	615	25	24" RCP	0.34%	828.90	828.80
628	627	189	24" RCP	0.28%	828.10	827.49
624	623	151	24" RCP	0.47%	828.90	827.89
623	622	72	24" RCP	0.40%	829.20	827.50
614	613	187	24" RCP	0.20%	828.02	827.24
613	612	64	24" RCP	0.59%	829.32	829.38
617	616	146	24" RCP	0.24%	829.35	829.38
615	614	22	24" RCP	0.54%	828.90	828.02
611	610	180	27" RCP	0.44%	829.20	828.70
609	608	62	27" RCP	0.49%	824.77	824.50
610	609	163	27" RCP	0.44%	828.02	824.87
627	626	64	27" RCP	0.10%	827.82	827.14
626	625	106	30" RCP	0.29%	829.36	829.00

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: August 2019

Entered By: SLM

CIVIL ENGINEERS  
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**TERRA**  
SITE DEVELOPMENT

1307 W. 161st Street  
Westfield, Indiana 46074  
P: 317.999.1216 F: 317.653.3049  
www.TERRAindia.com

DATE	BY	REVISION
6/16/16	JF	1. INITIAL DESIGN
7/20/16	JF	2. FINAL DESIGN
7/27/16	JF	3. R.O.C. PERMITS
11/17/16	JF	4. R.O.C. PERMITS
12/28/16	JF	5. R.O.C. PERMITS

SPHON L. FRITZ  
REGISTERED  
No. PE10707583  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

*Sphton L. Fritz*  
12/18/2016

CONSTRUCTION PLANS FOR:  
**MAPLERIDGE SECTION 1**  
ONE ROAD, WESTFIELD, HAMILTON CO., IN - 318 TIBB RAE

LANGSTON RESIDENTIAL, LLC  
1132 S RANGELINE ROAD, SUITE 100, CARMEL, IN 46032

**STORM SEWER PLAN AND PROFILE**

PLAN DATE: 4/01/2016

DESIGN: AF CHECK: NS DRAWN: JF

PROJECT NO.: 140827

SHEET NO.: **C605**