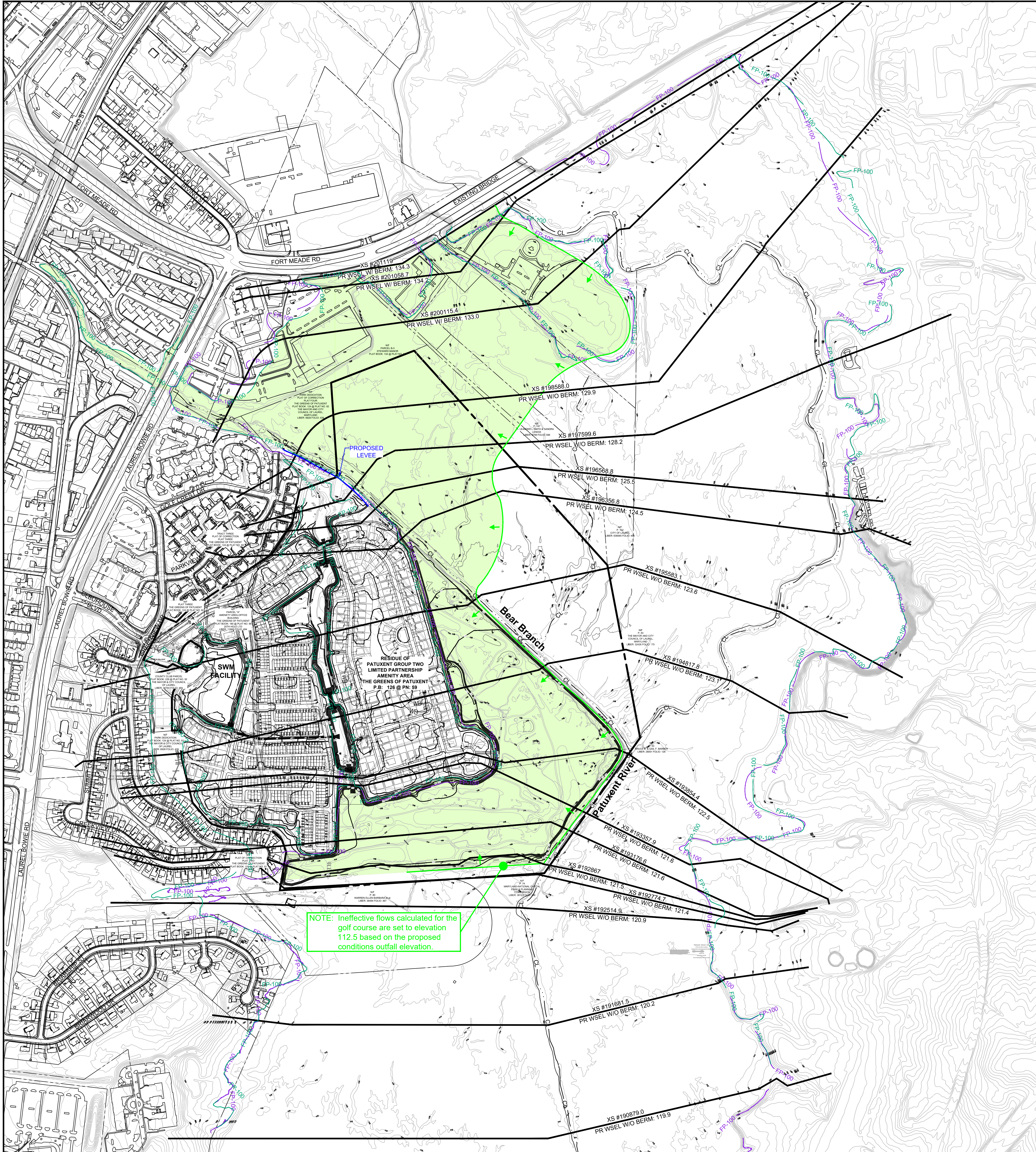




DATUM: NAVD83 / 11
Scale: 1" = 300'
NAVD88

PROPOSED MANNING'S COEFFICIENTS

Edit Manning's n or k Values

River: Patuxent River

Reaches: 1

Selected Area Edit Options: Add Constant, Multiply Factor, Set Values, Replace, Reduce to L Ch R

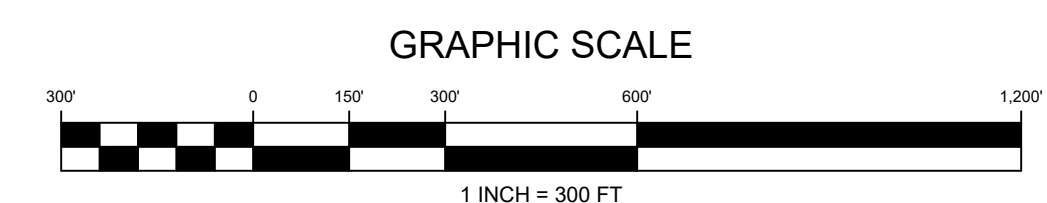
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35 201119	n	0.1	0.03	0.1				
40 201058.7	n	0.1	0.035	0.1				
41 200115.4	n	0.1	0.035	0.1				
42 198588.0	n	0.1	0.035	0.08				
43 197599.6	n	0.04	0.1	0.035	0.08	0.035	0.05	
44 196568.8	n	0.1	0.035	0.08	0.035	0.055		
45 196356.8	n	0.1	0.035	0.08	0.035	0.055		
46 195933.1	n	0.1	0.035	0.08	0.035	0.055		
47 194817.8	n	0.1	0.035	0.08	0.035	0.055		
48 193854.4	n	0.1	0.035	0.055				
49 193357.9	n	0.1	0.03	0.03	0.055			
50 193176.6	n	0.1	0.035	0.055				
51 192867	n	0.1	0.035	0.055				
52 192774.7	n	0.1	0.035	0.08				
53 192514.9	n	0.1	0.035	0.1				
54 191681.5	n	0.1	0.03	0.1				
55 190879.0	n	0.1	0.03	0.1				

OK Cancel Help

WSEL TABLE (FT.) (NAVD88)

X SEC	A Existing without Berm	B Existing with Berm	C Proposed	C-A	C-B
201119	134.30	134.30	134.30	0.00	0.00
201058.7	134.19	134.15	134.16	-0.03	0.01
200115.4	133.07	132.99	133.02	-0.05	0.03
198588.0	129.80	129.98	129.85	0.05	-0.13
197599.6	128.17	129.03	128.24	0.07	-0.79
196568.8	125.75	128.17	125.48	-0.27	-2.69
196356.8	124.64	128.13	124.52	-0.12	-3.61
195583.1	122.91	127.97	123.62	0.71	-4.35
194817.8	122.40	127.94	123.10	0.70	-4.84
193854.4	122.14	127.47	122.46	0.32	-5.01
193357.9	121.97	123.97	121.56	-0.41	-2.41
193176.6	121.85	122.59	121.64	-0.21	-0.95
192867	121.47	121.47	121.50	0.03	0.03
192774.7	121.35	121.35	121.36	0.01	0.01
192514.9	120.93	120.93	120.93	0.00	0.00
191681.5	120.22	120.22	120.22	0.00	0.00
190879.0	119.93	119.93	119.93	0.00	0.00

- LEGEND
- Property Boundary
 - Adjacent Property Boundary
 - Existing Stream Centerline
 - Revised Proposed
 - Approved CLOMR Limits
 - Existing Minor Contour
 - Existing Major Contour
 - Proposed Minor Contour
 - Proposed Major Contour
 - Wetland Buffer
 - Ineffective Flow Boundary
 - Existing Floodplain
 - Proposed Levee



REVISION	DATE	REVISION	DATE	REVISION	DATE

Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS FLOODPLAIN STUDY

RODGERS CONSULTING

1101 Mercantile Lane, Suite 280, Largo, Maryland 20774
Ph: 301.948.4700 Fax: 301.948.6256 www.rodgers.com

BY	DATE
CADD	01/2018
DESIGNED	01/2018
DRAWN	01/2018
REVIEWED	
RELEASE FOR	
BY	DATE

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 32113 EXPIRATION DATE: 9/15/19

Patuxent Greens

10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

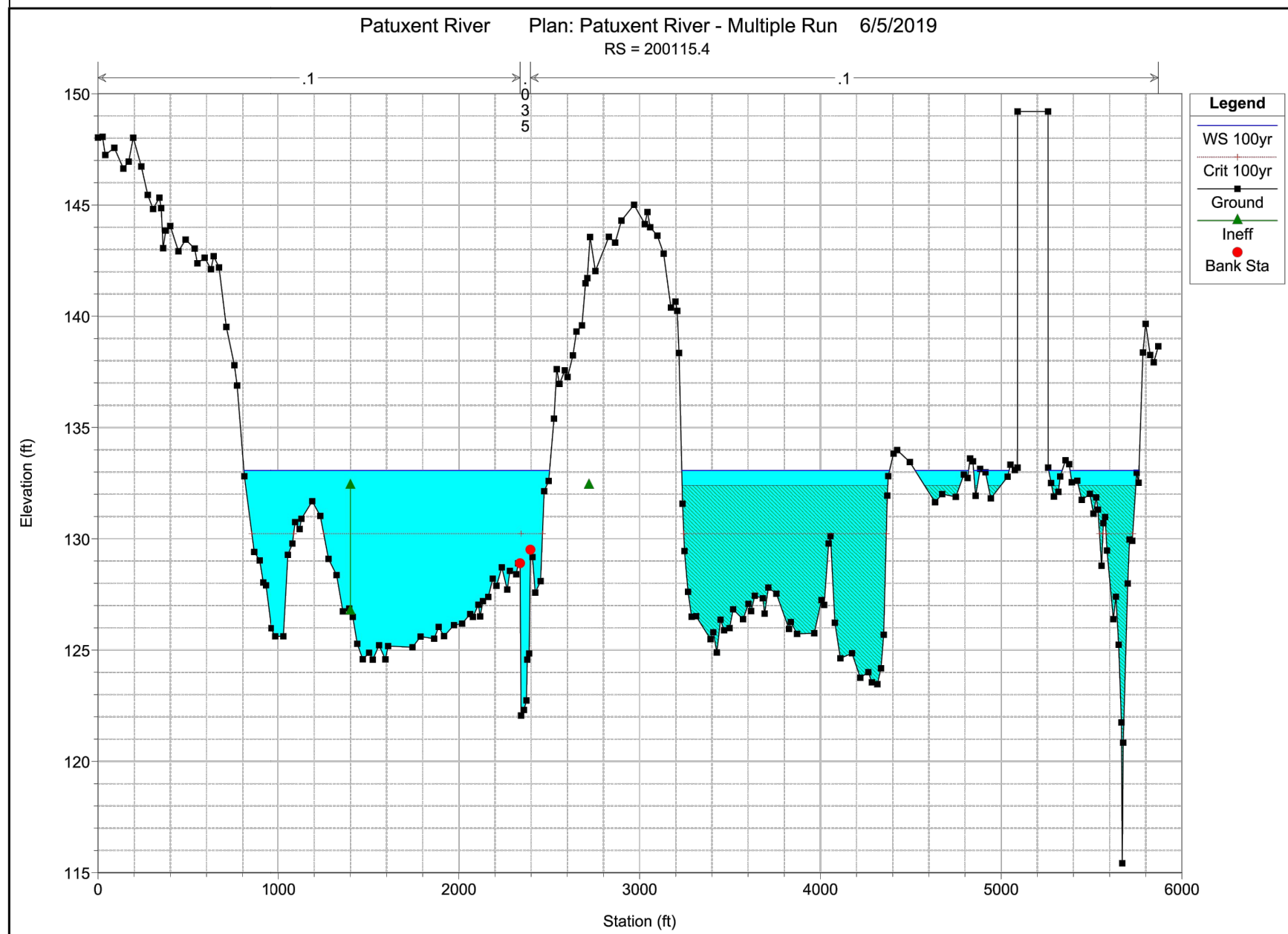
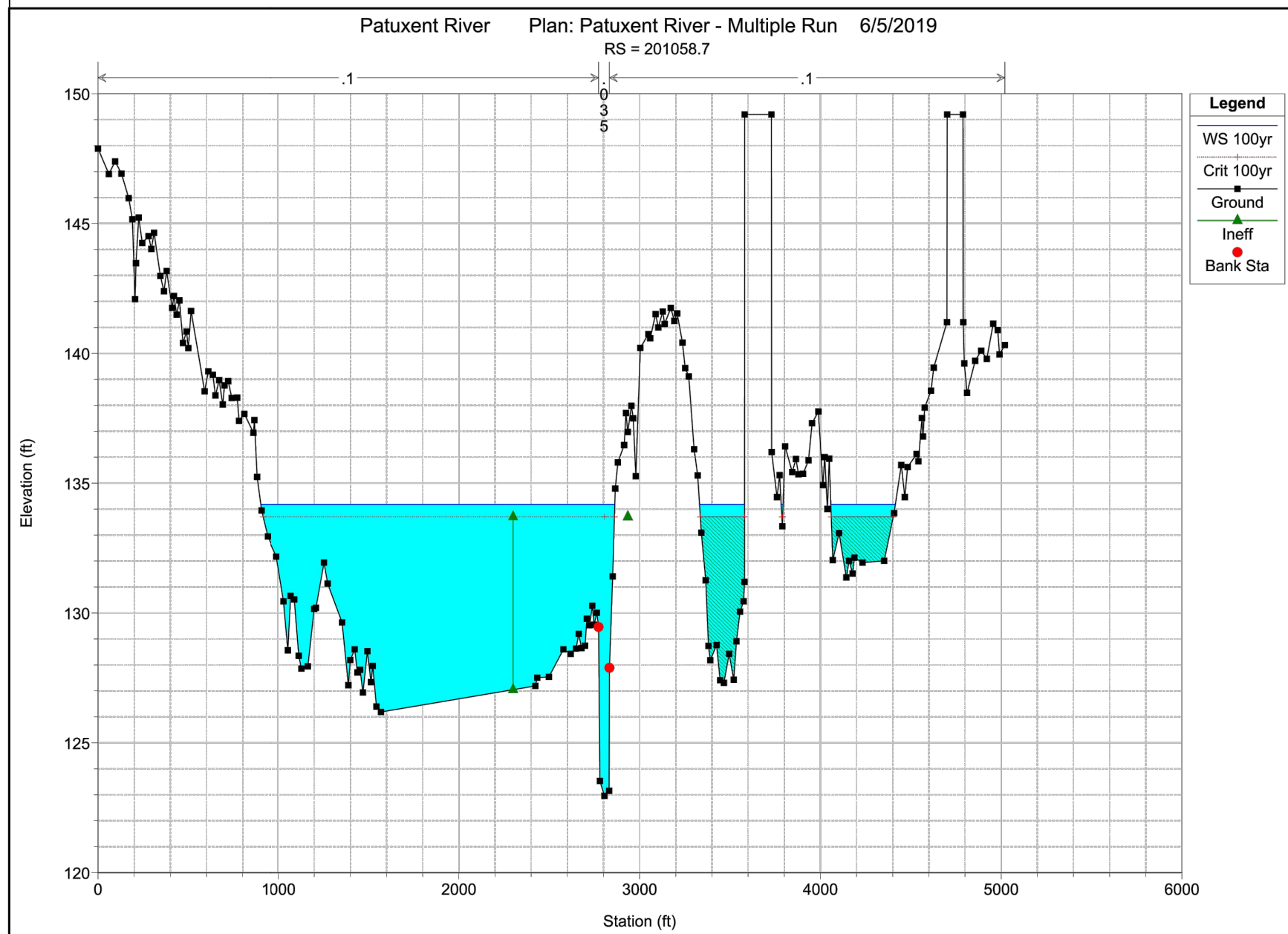
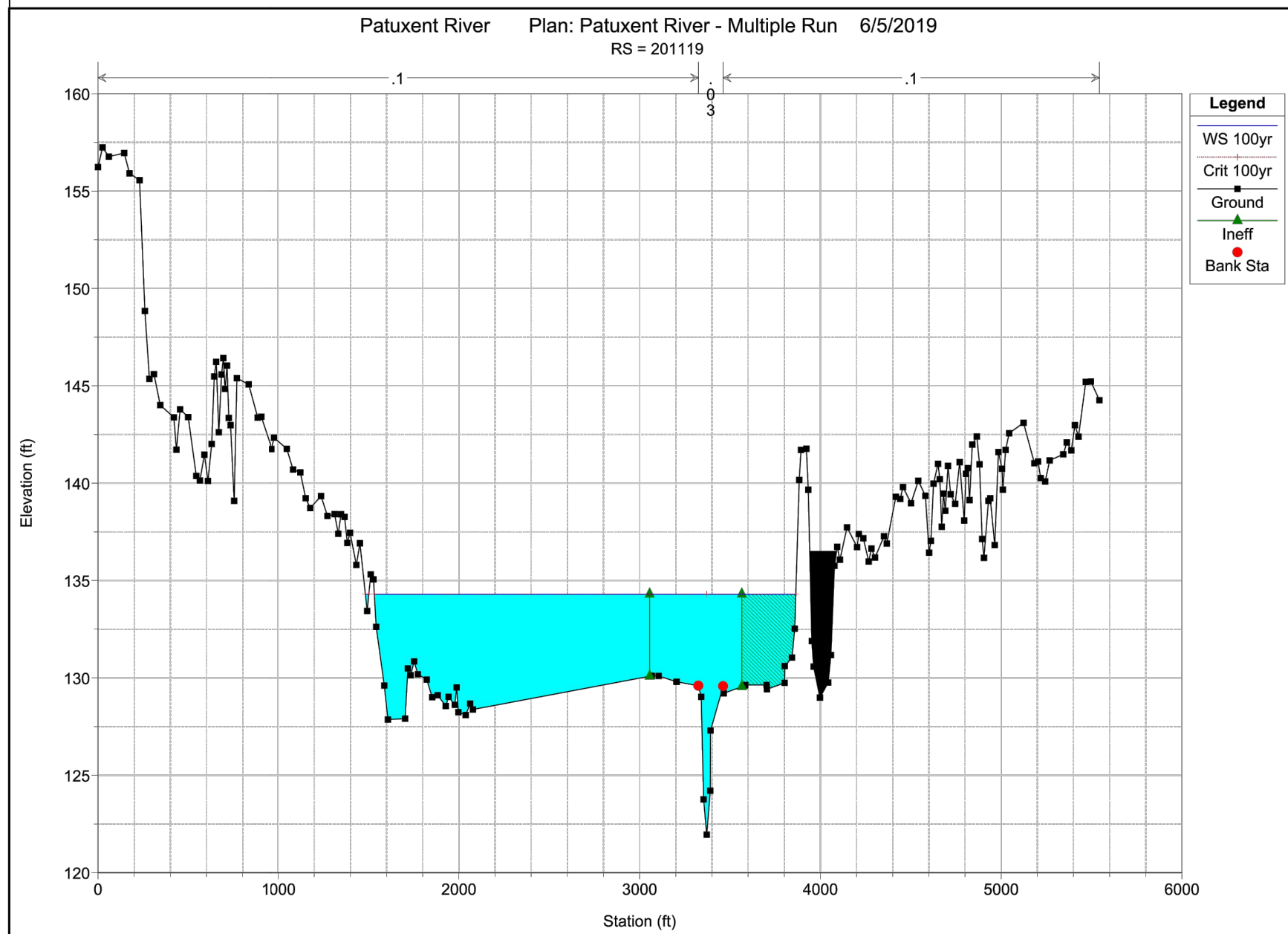
SCALE: 1" = 300'

JOB No. 1262A

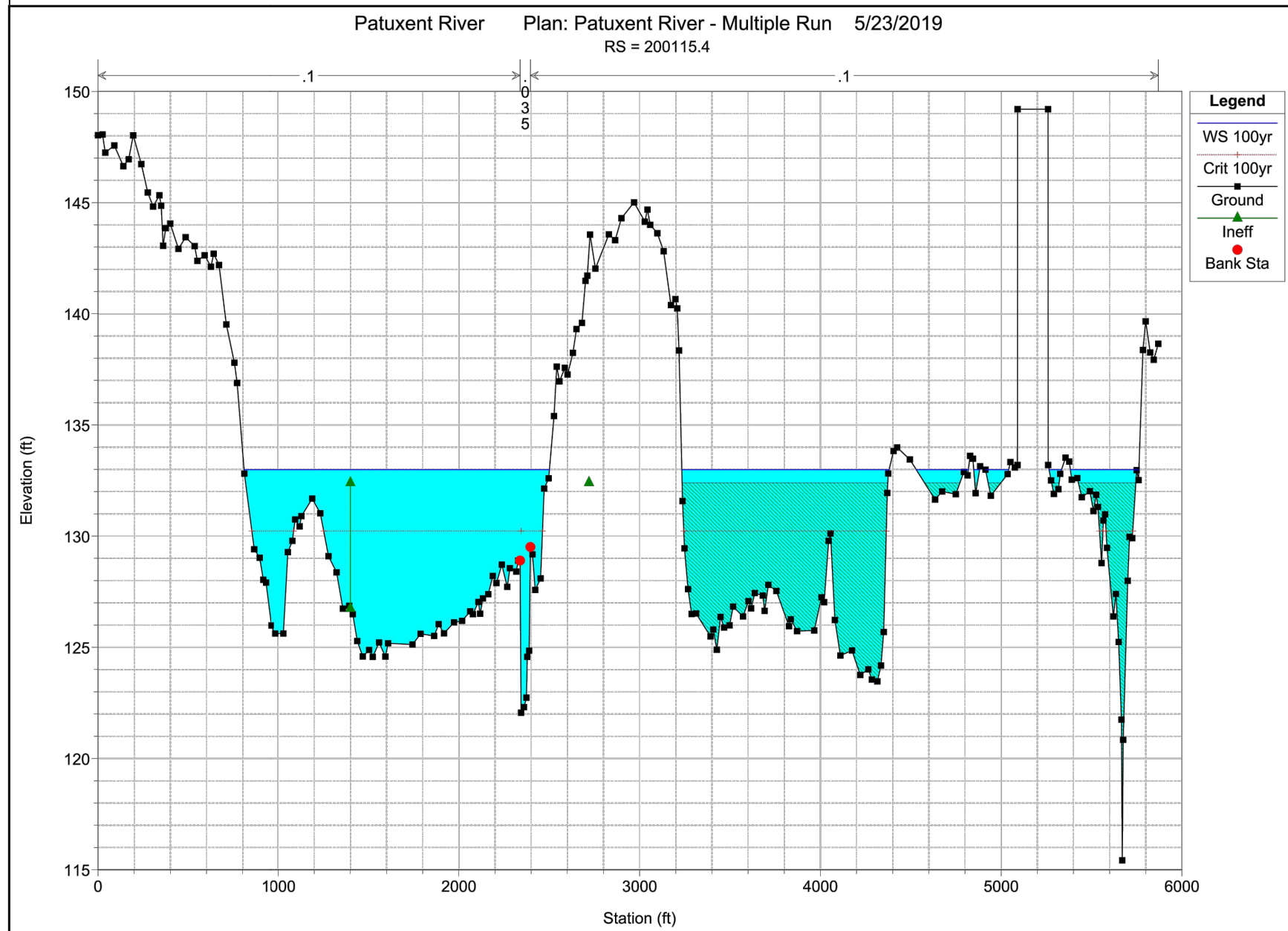
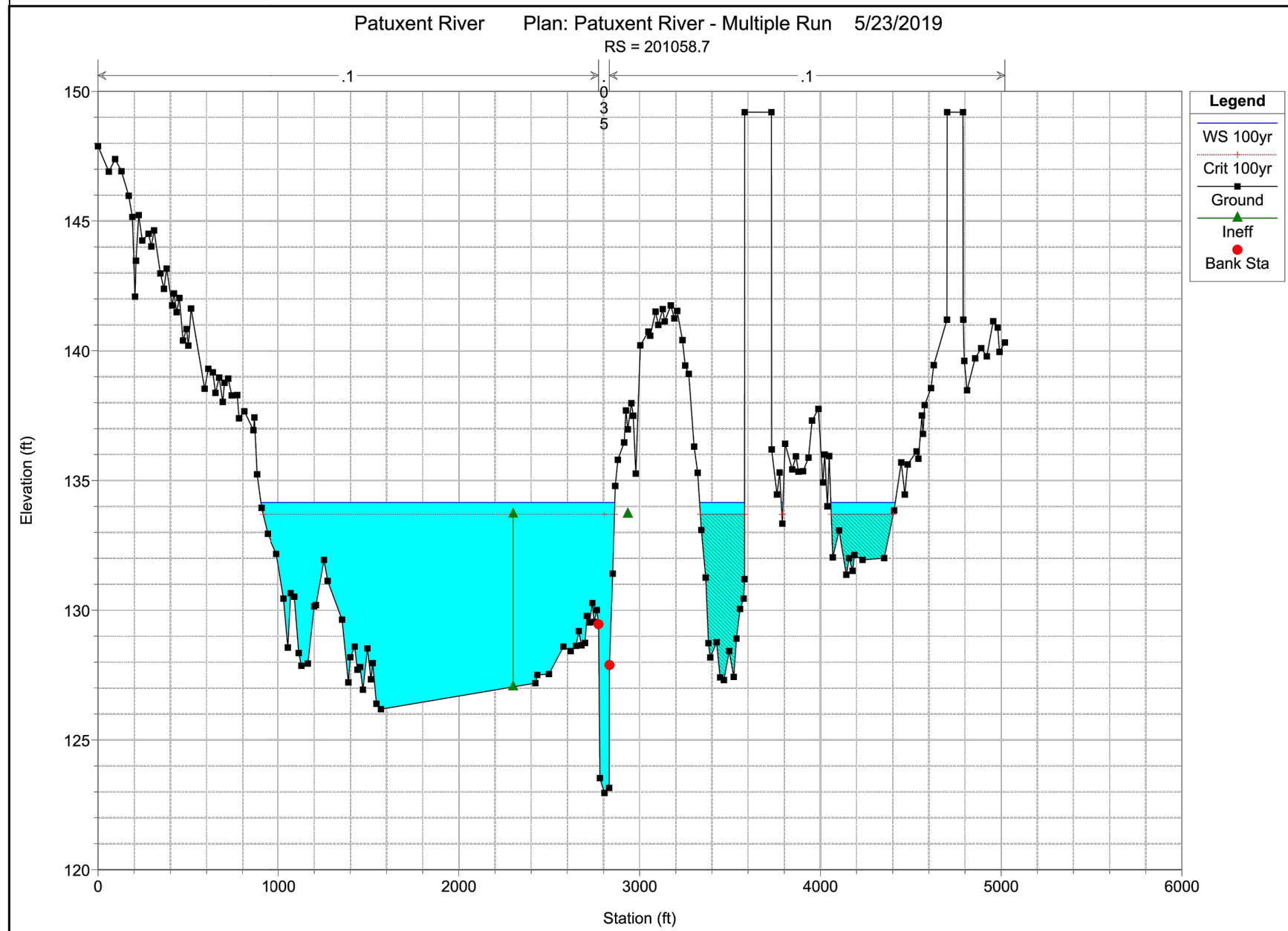
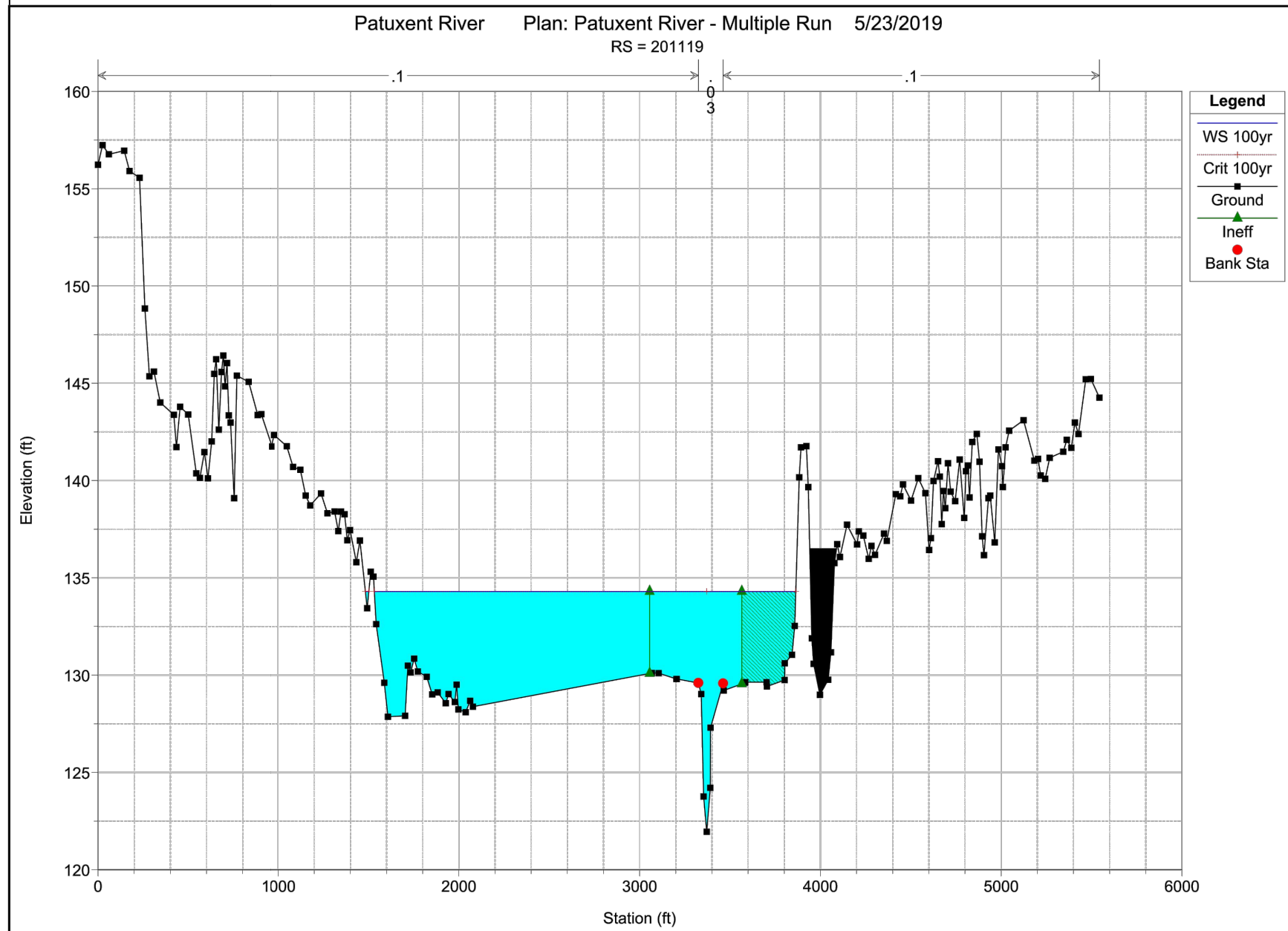
DATE: JUNE 2019

SHEET No. 1 of 7

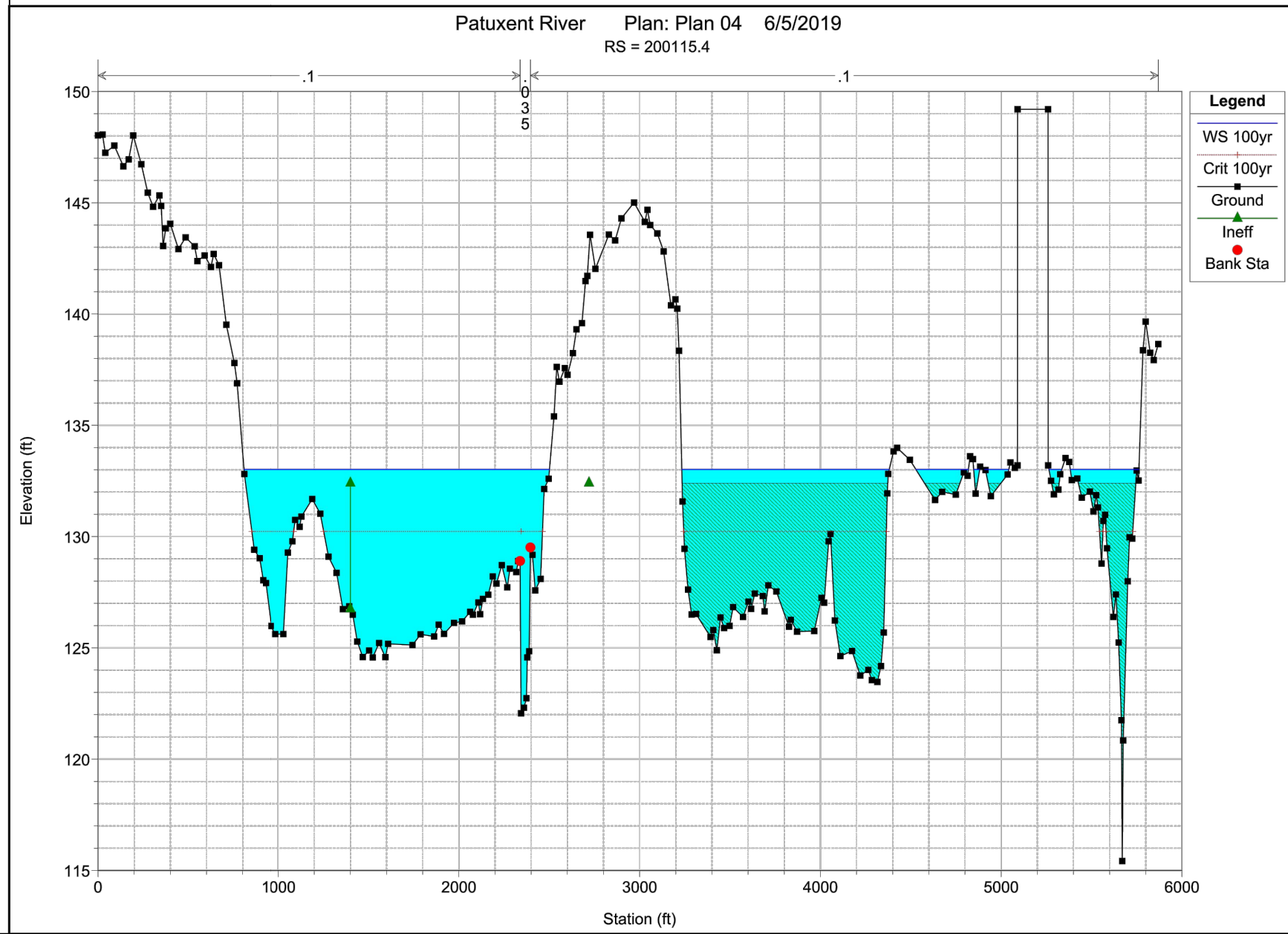
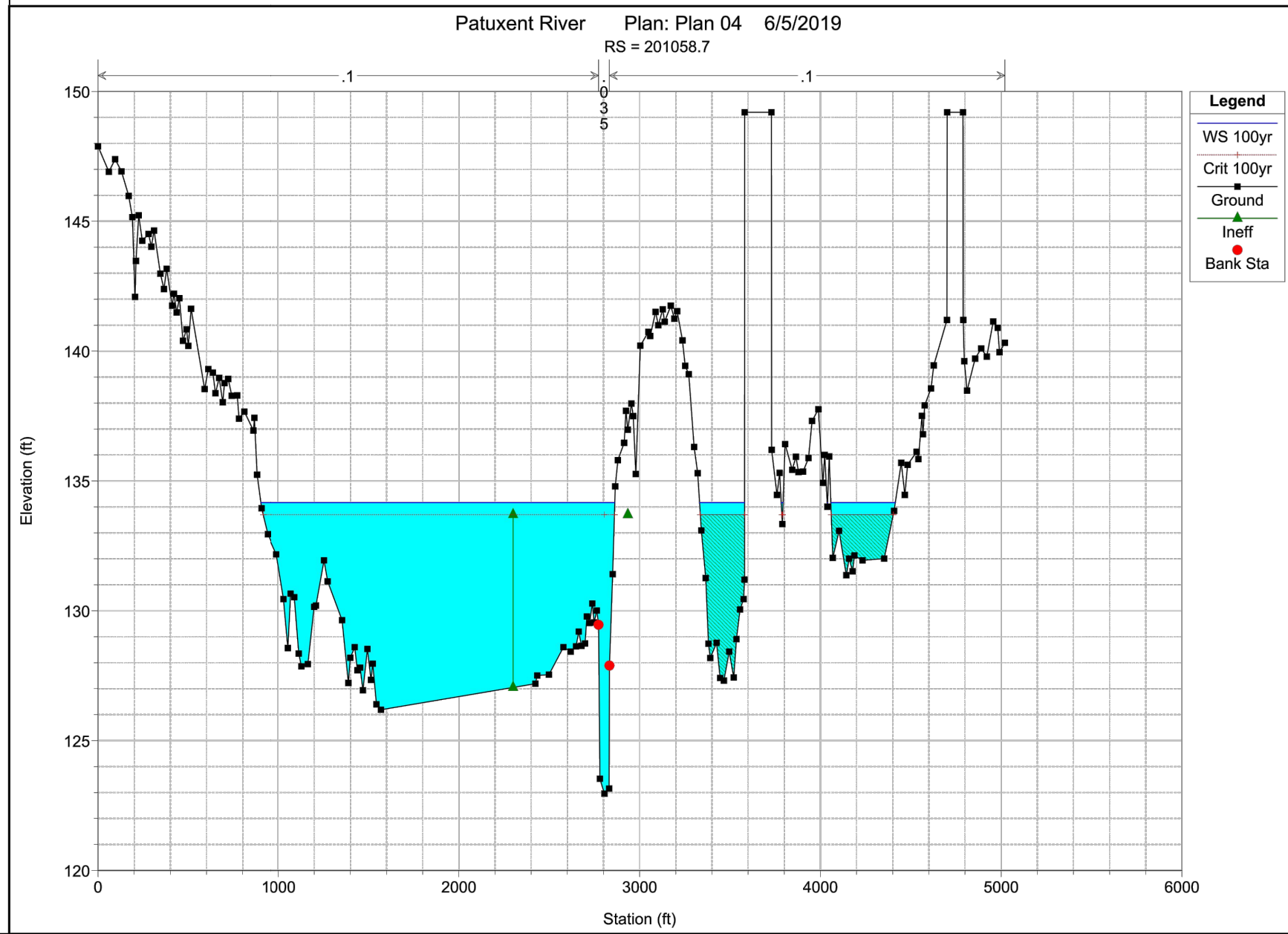
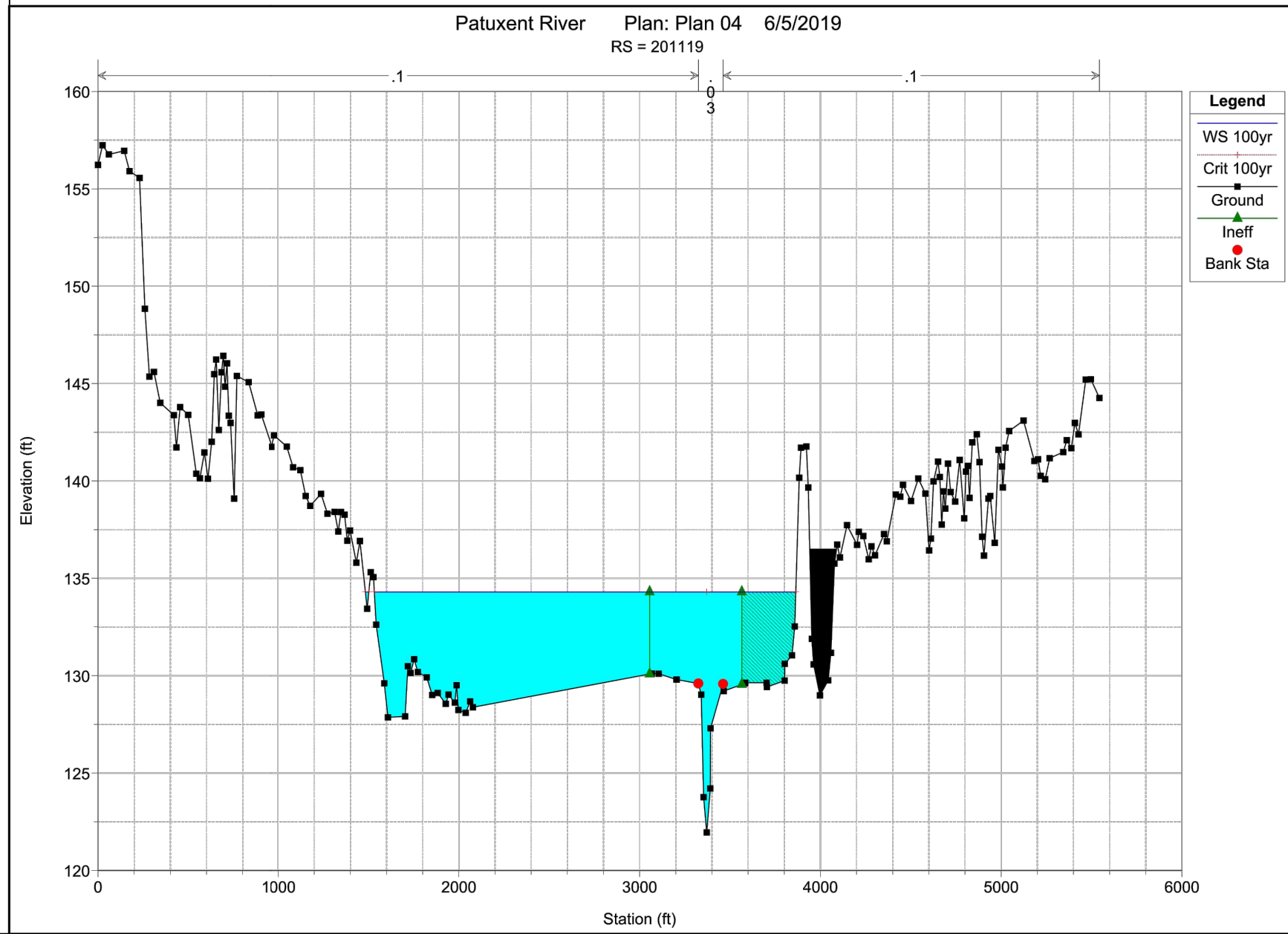
EXISTING CONDITION
WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



CROSS-SECTION 201119

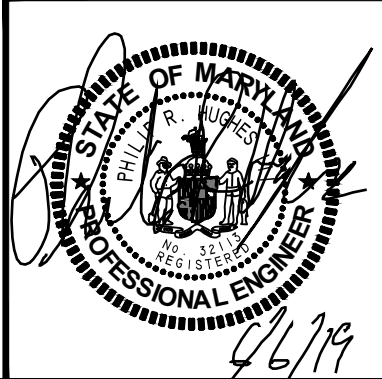
CROSS-SECTION 201058.7

CROSS-SECTION 200115.4

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REVISION	DATE	REVISION	DATE	REVISION	DATE

Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS
FLOODPLAIN STUDY

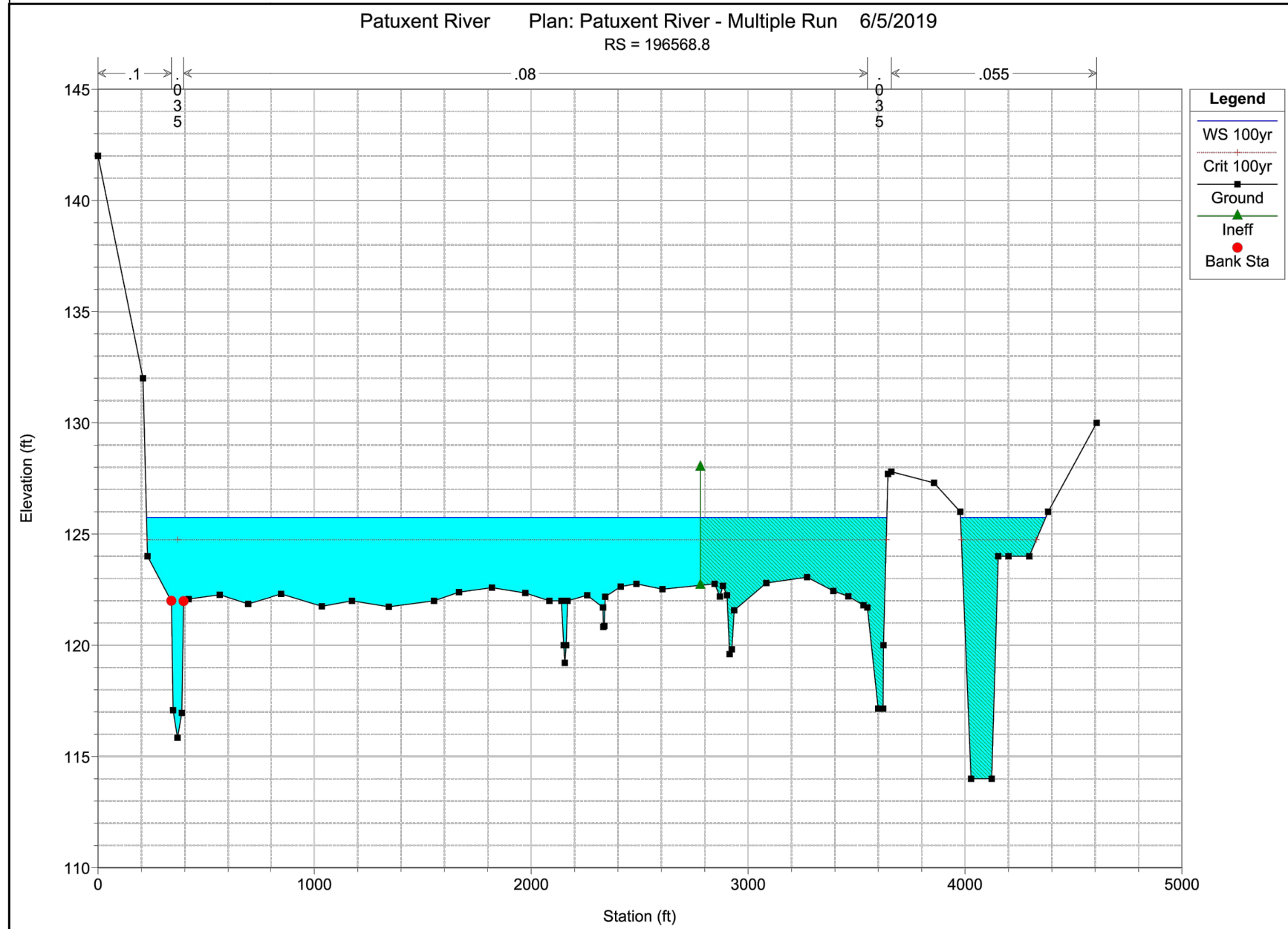
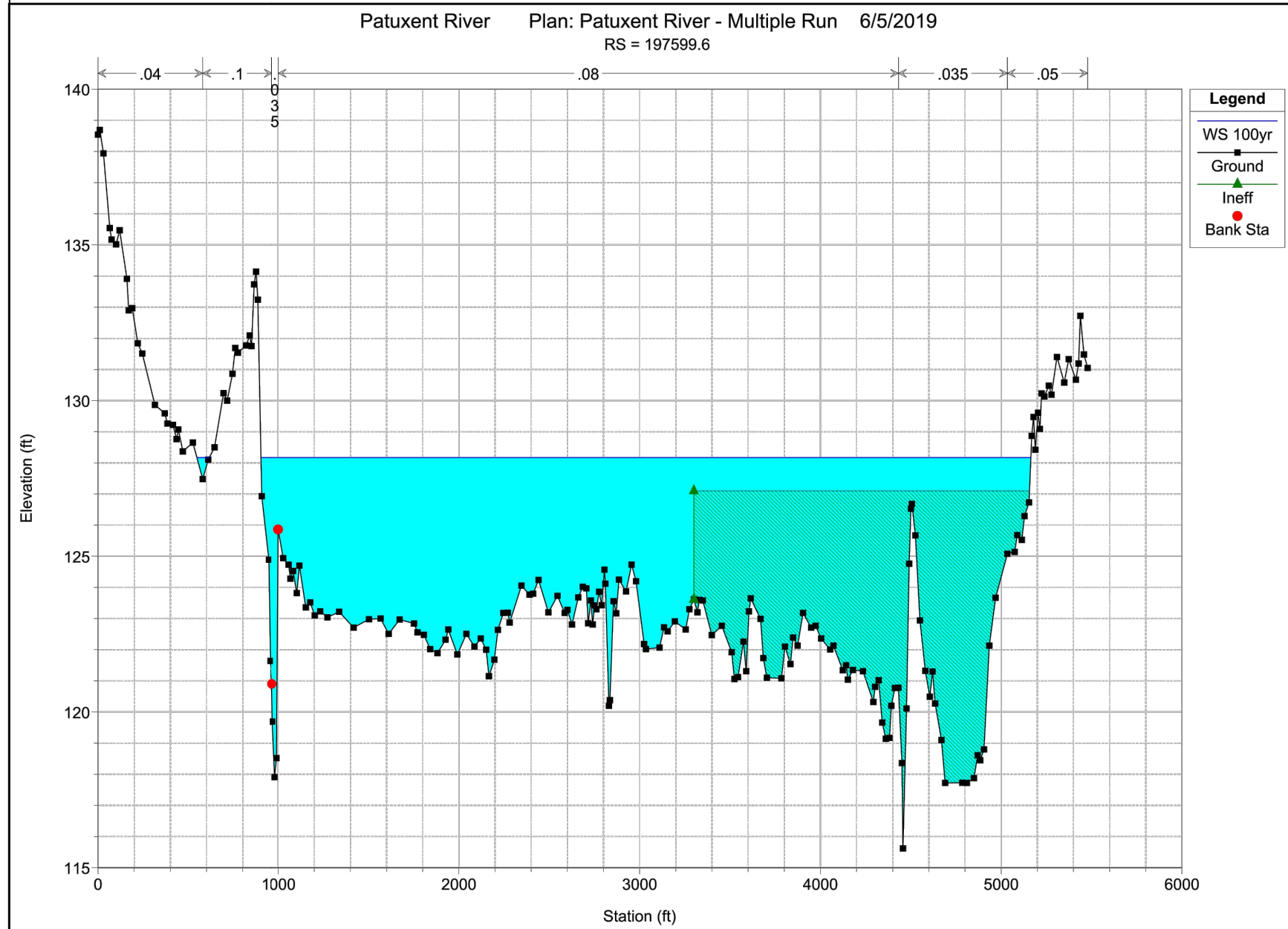
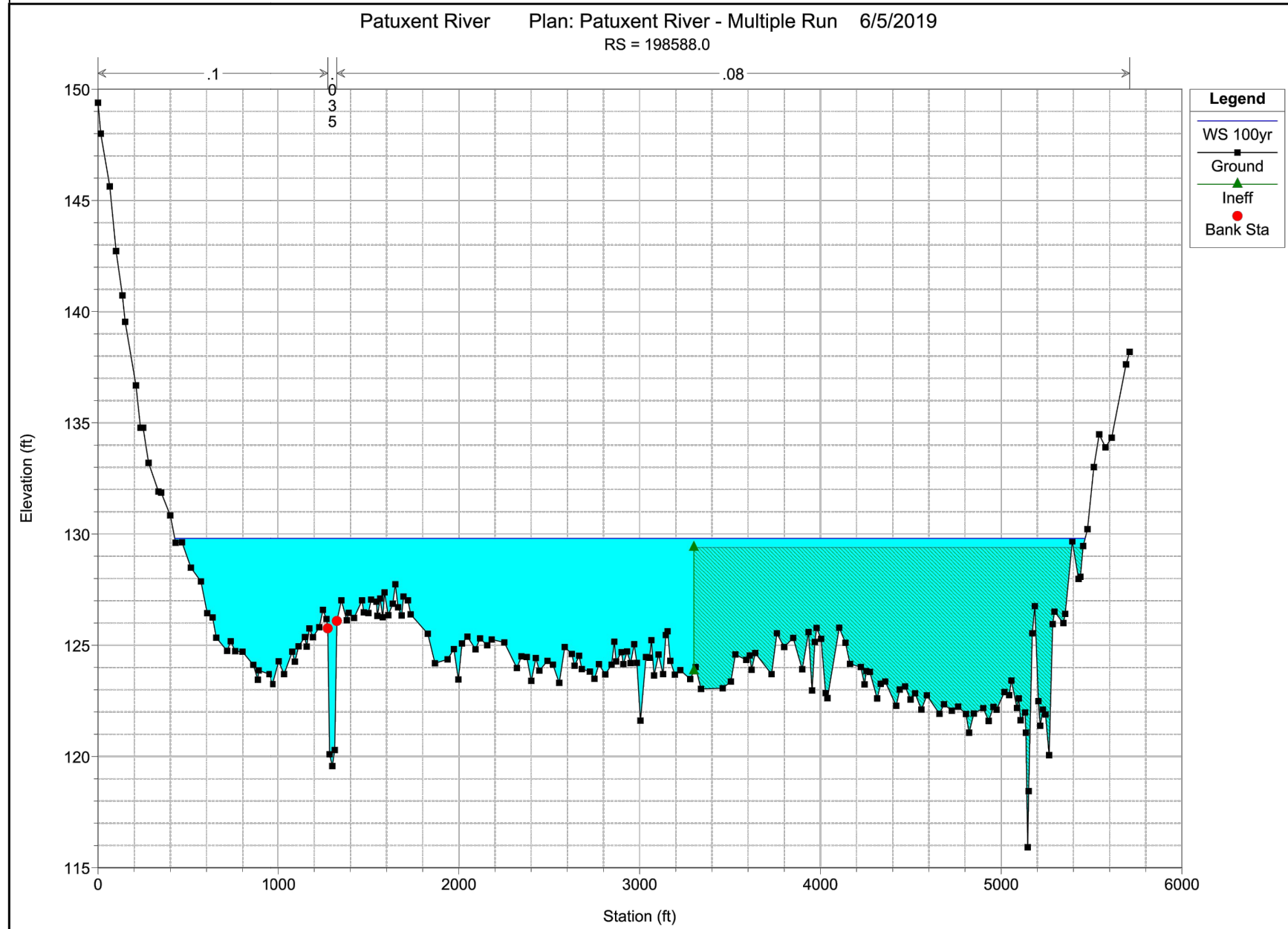
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1101 Mercantile Lane, Suite 280, Largo, Maryland 20774
Ph: 301.948.4700 Fax: 301.948.6256 www.rodgers.com

BY	DATE
CADD	05/2019
DESIGNED	05/2019
DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

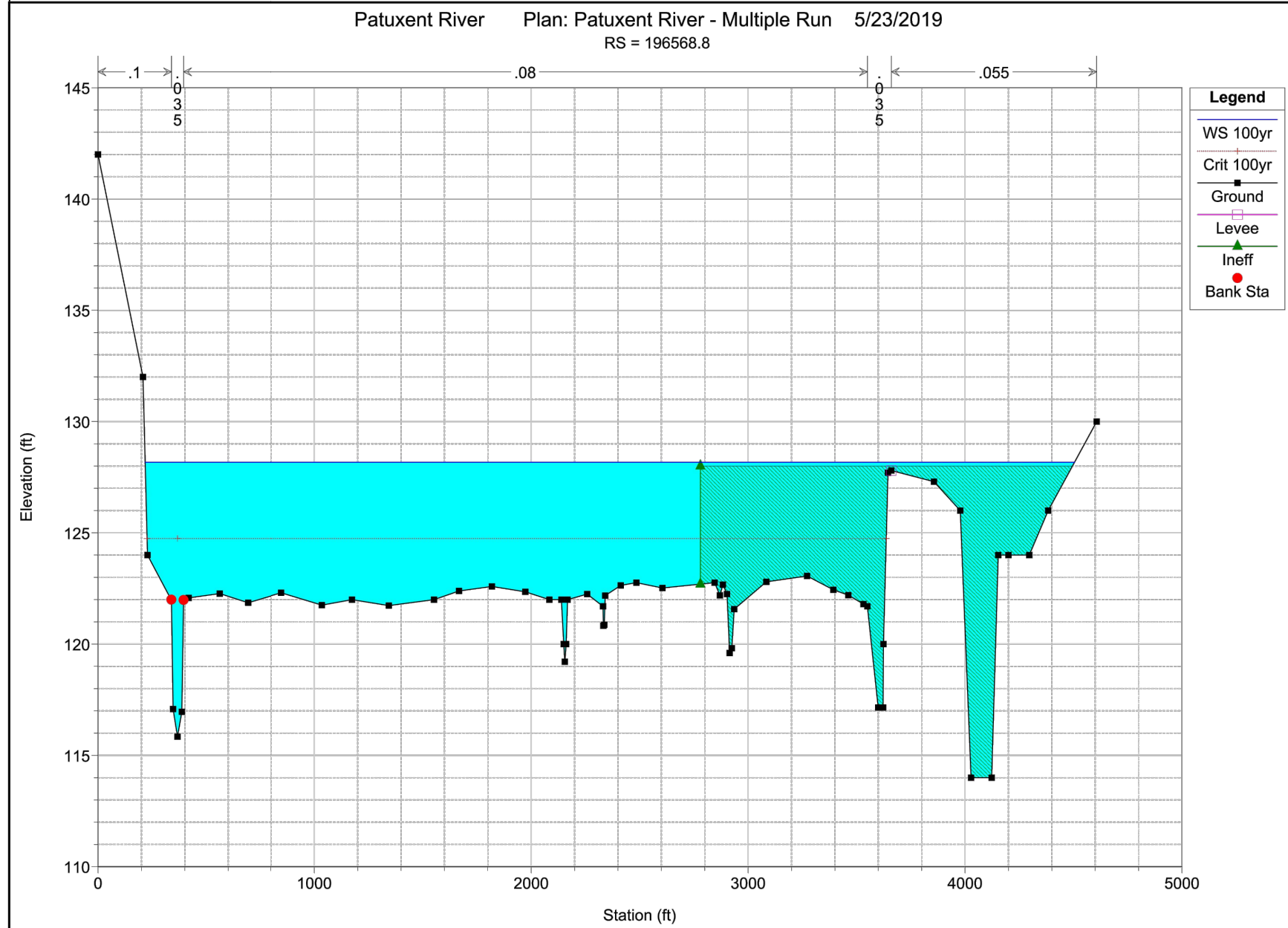
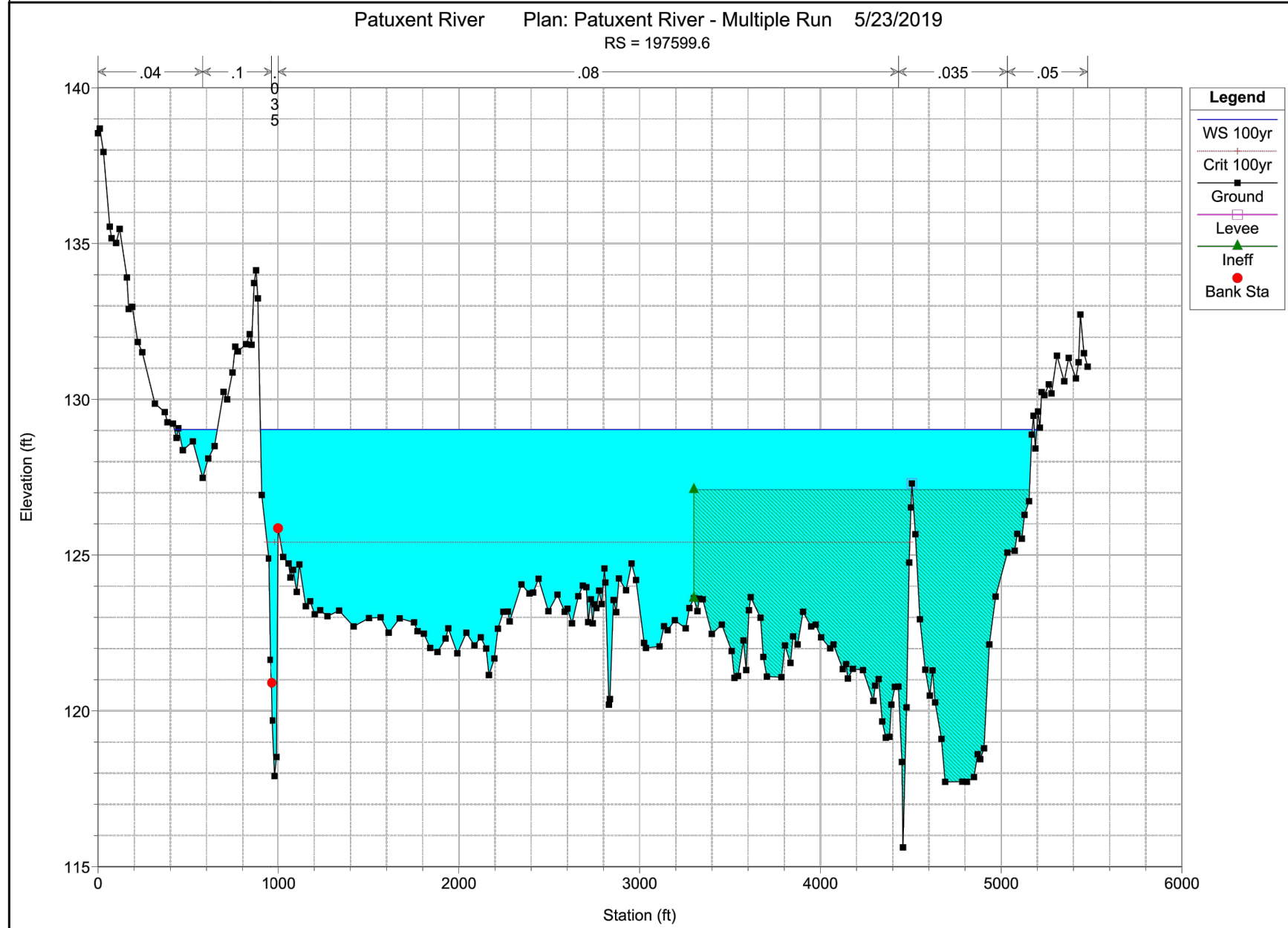
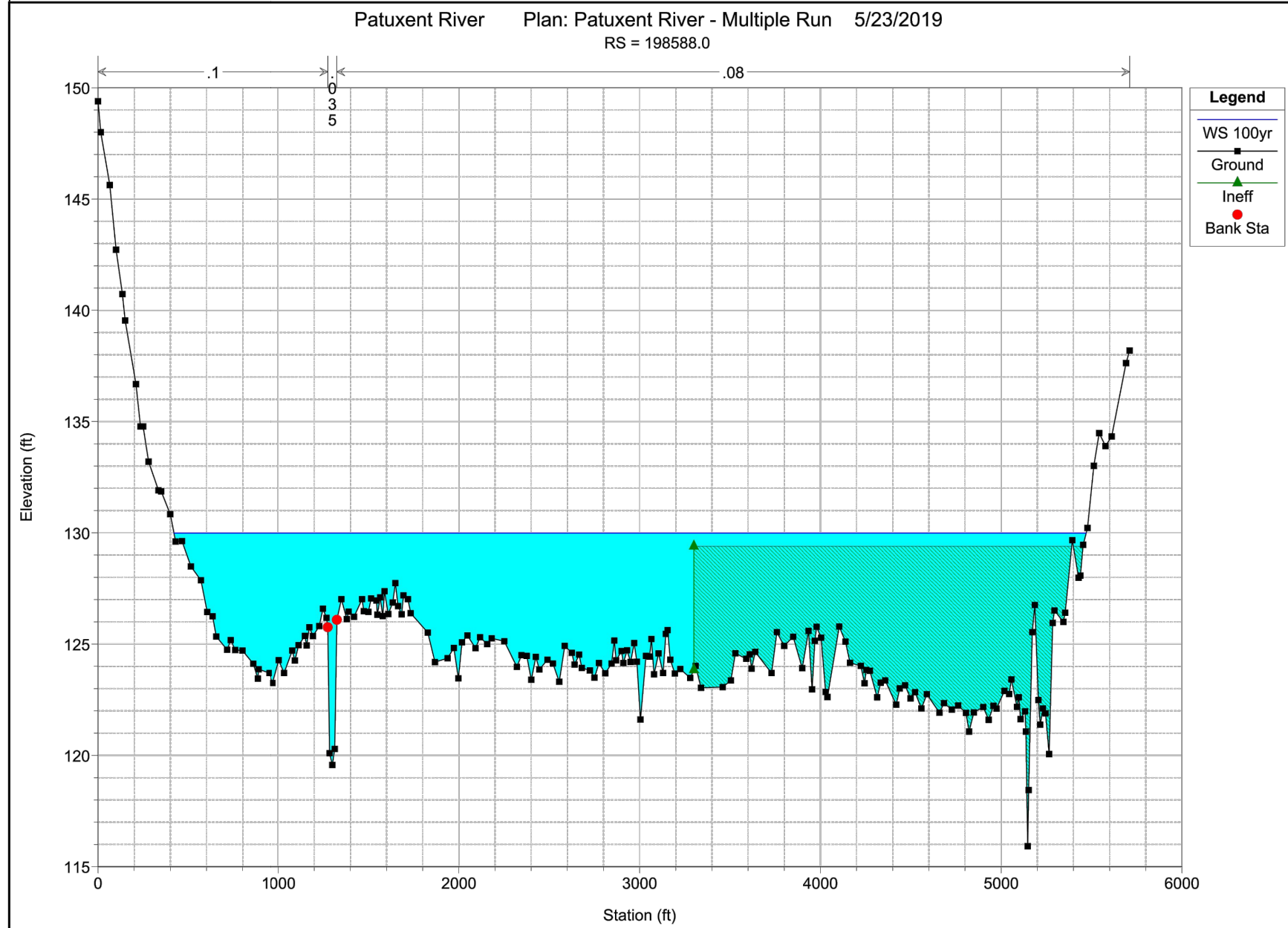
Patuxent Greens
10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

SCALE	N/A
JOB No.	1262A
DATE	MAY 2019
SHEET No.	2 of 7

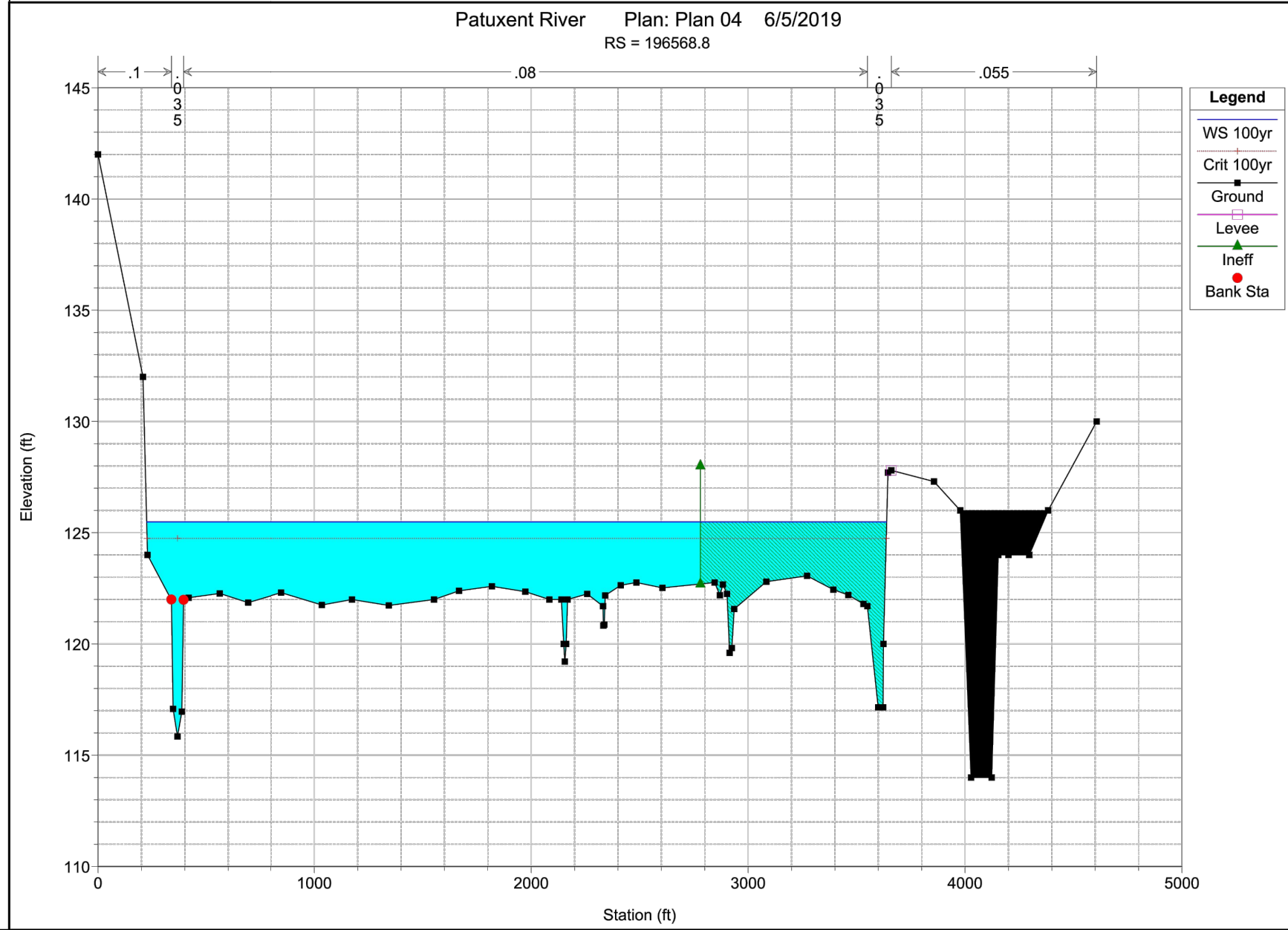
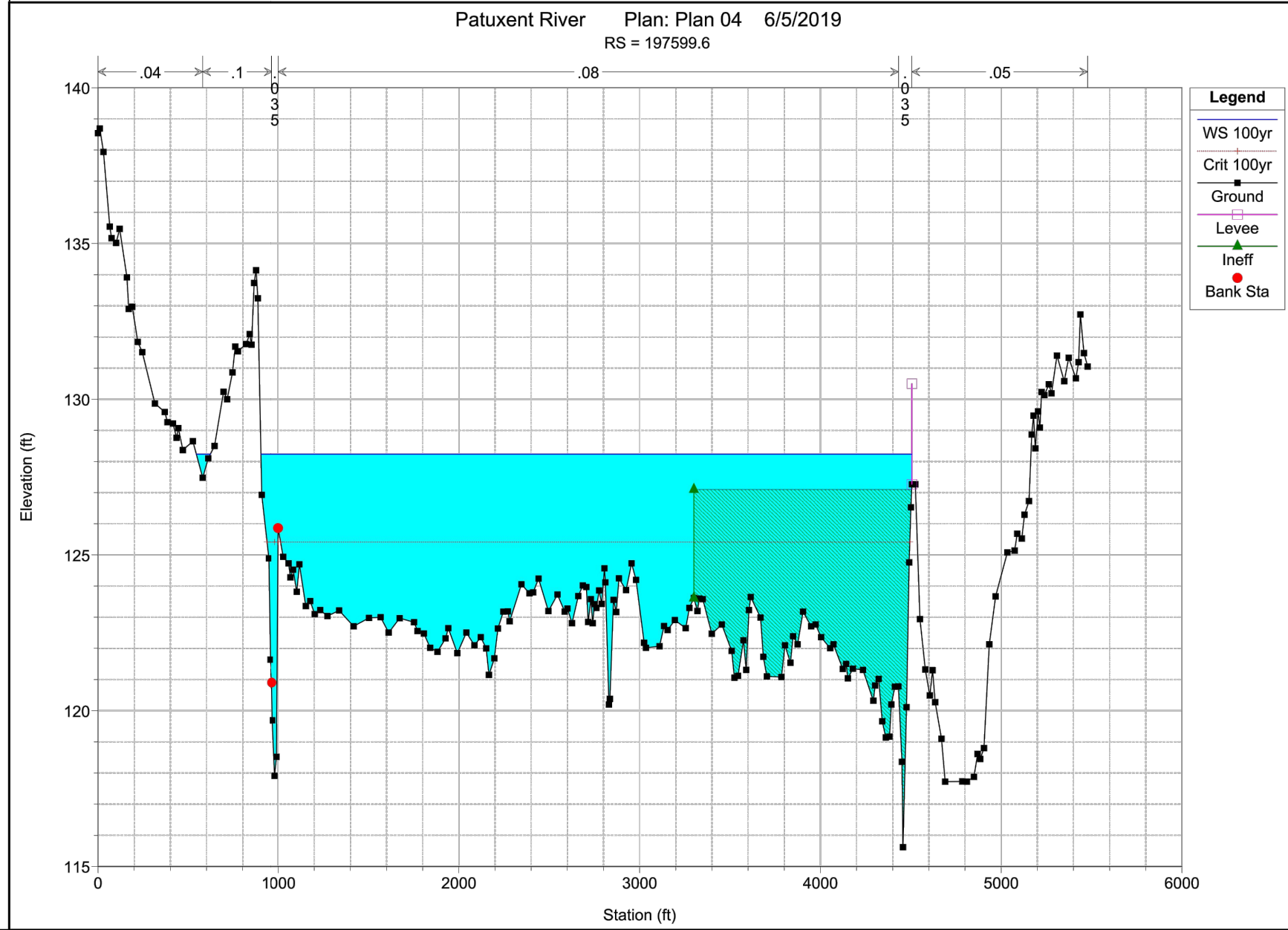
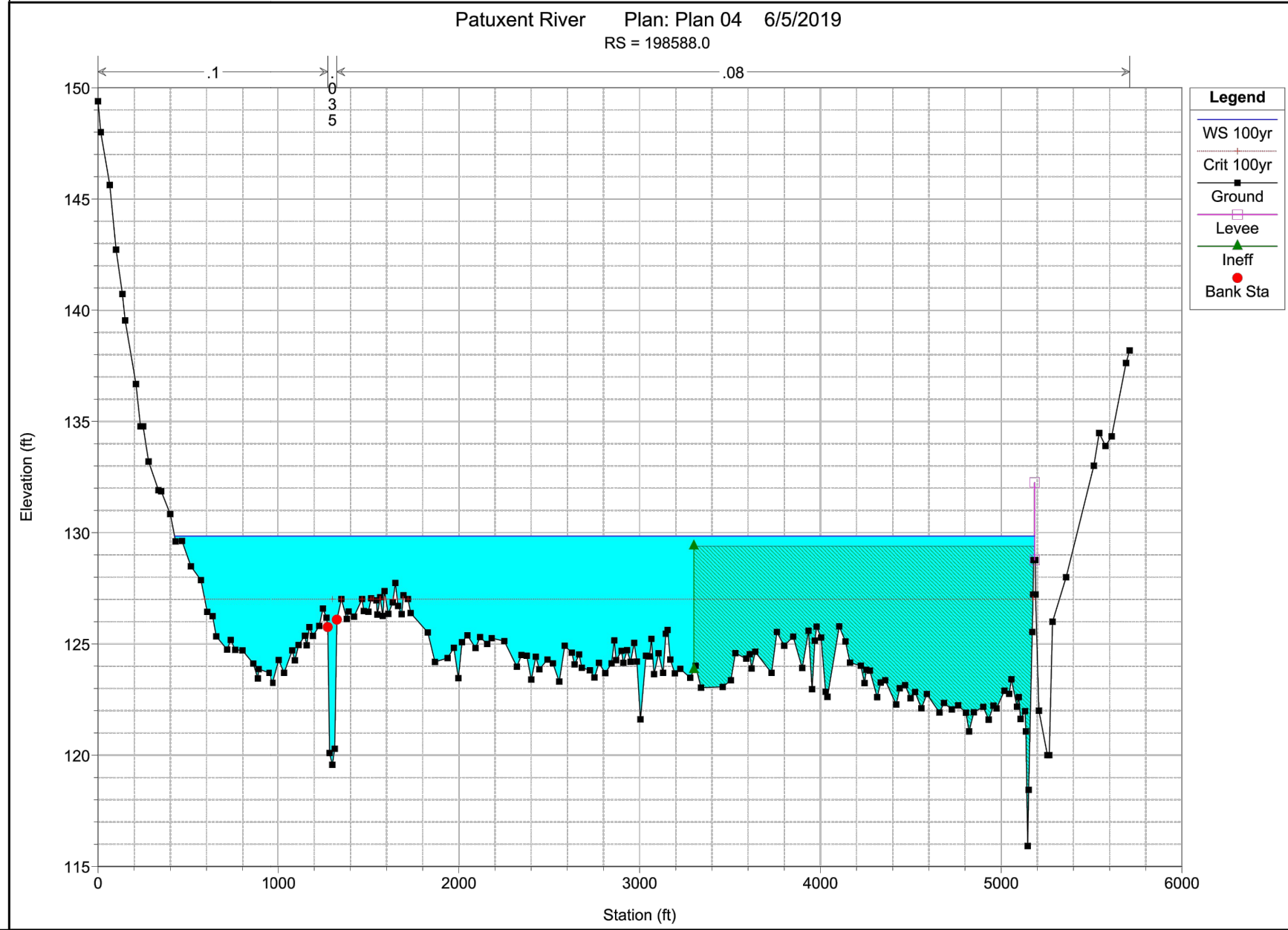
EXISTING CONDITION
WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



CROSS-SECTION 198588

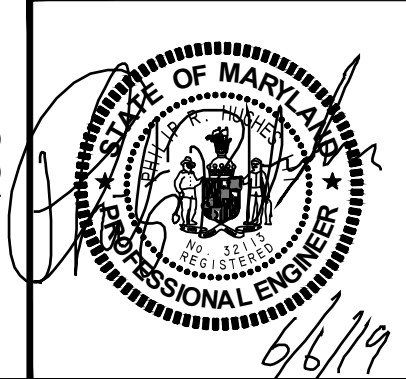
CROSS-SECTION 197599.6

CROSS-SECTION 196568.8

PROFESSIONAL CERTIFICATION

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Patuxent Greens

10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

SCALE: N/A
JOB No. 1262A
DATE: MAY 2019
SHEET No. 3 of 7

REVISION	DATE	REVISION	DATE	REVISION	DATE

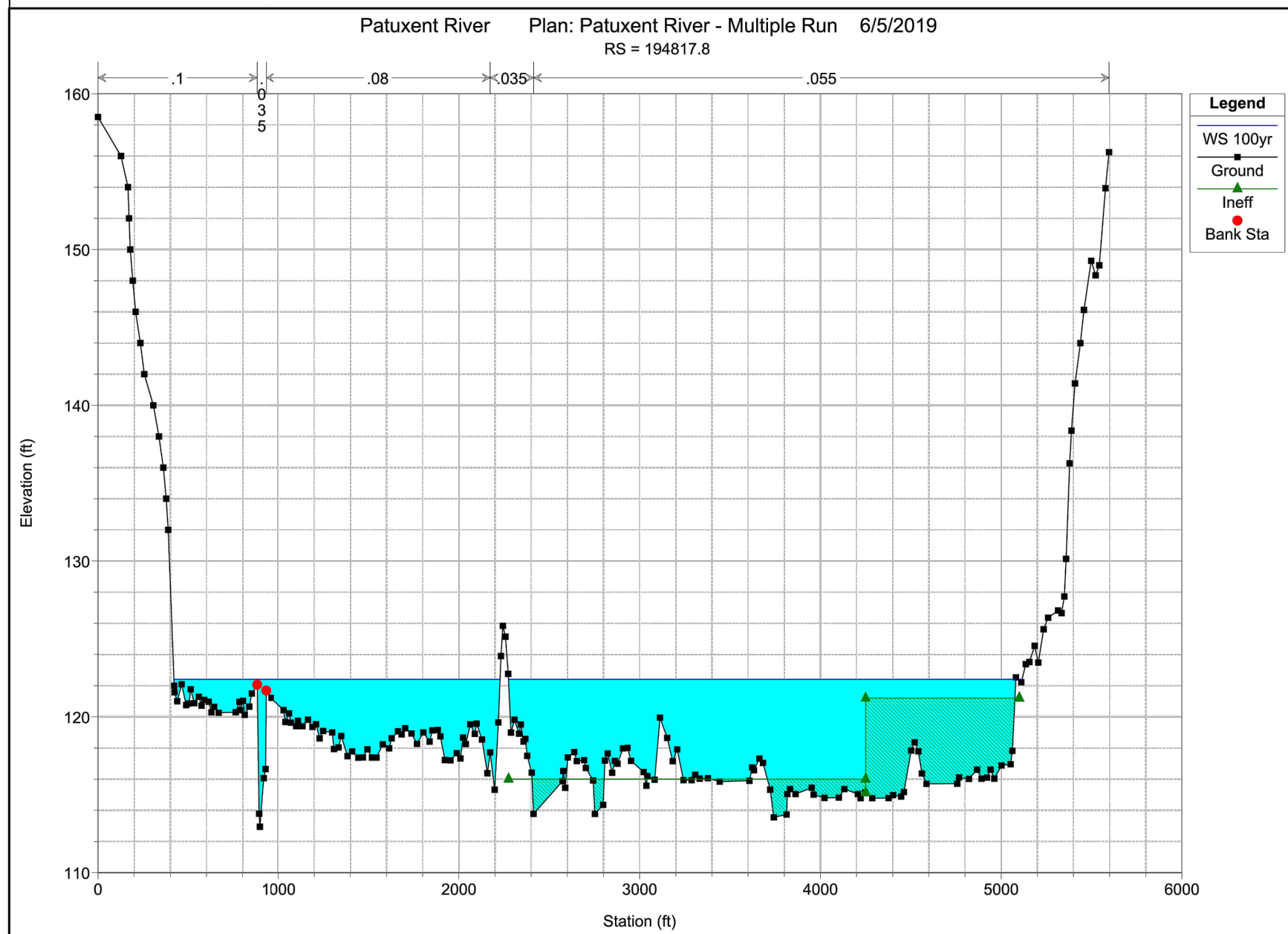
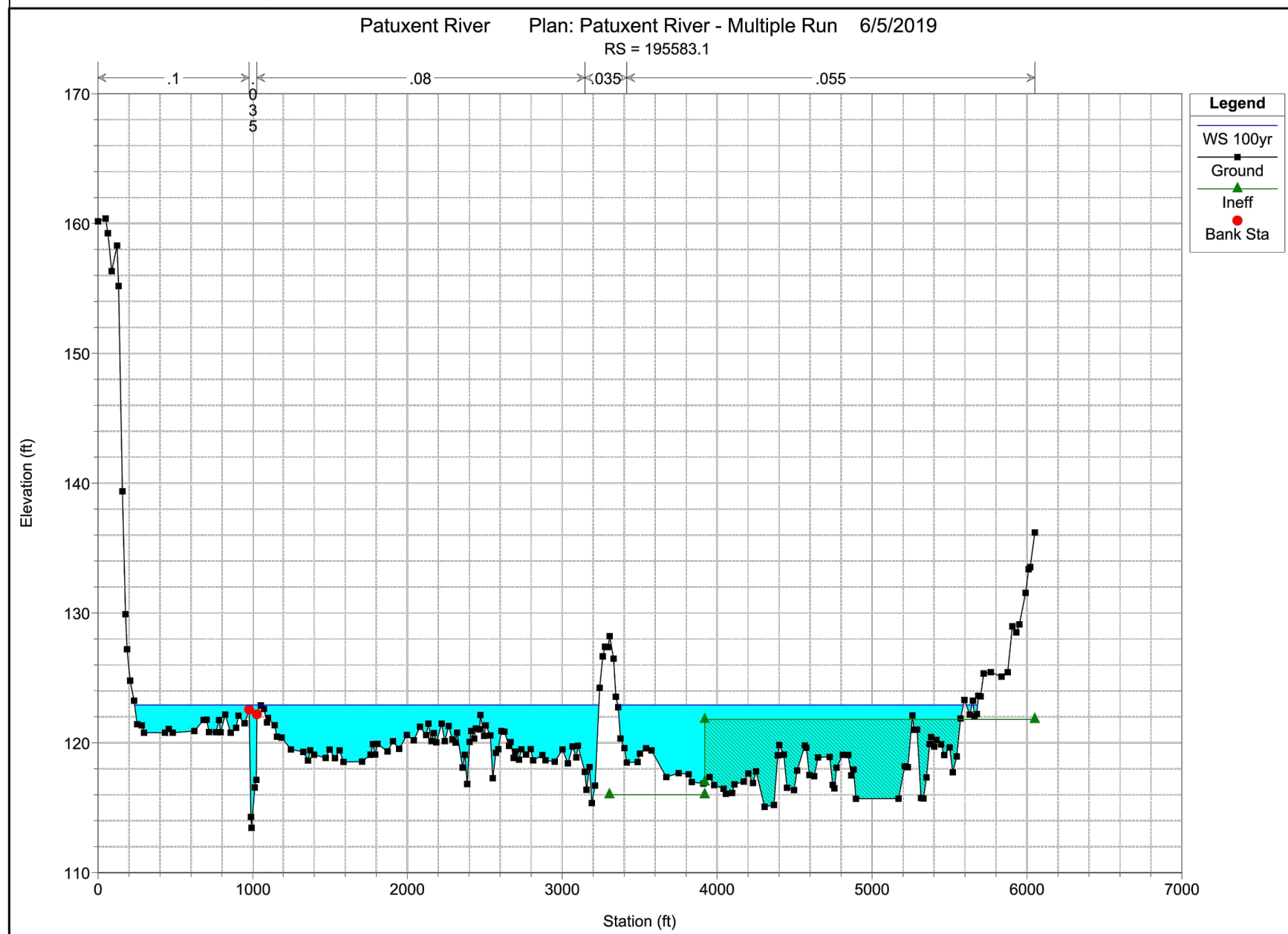
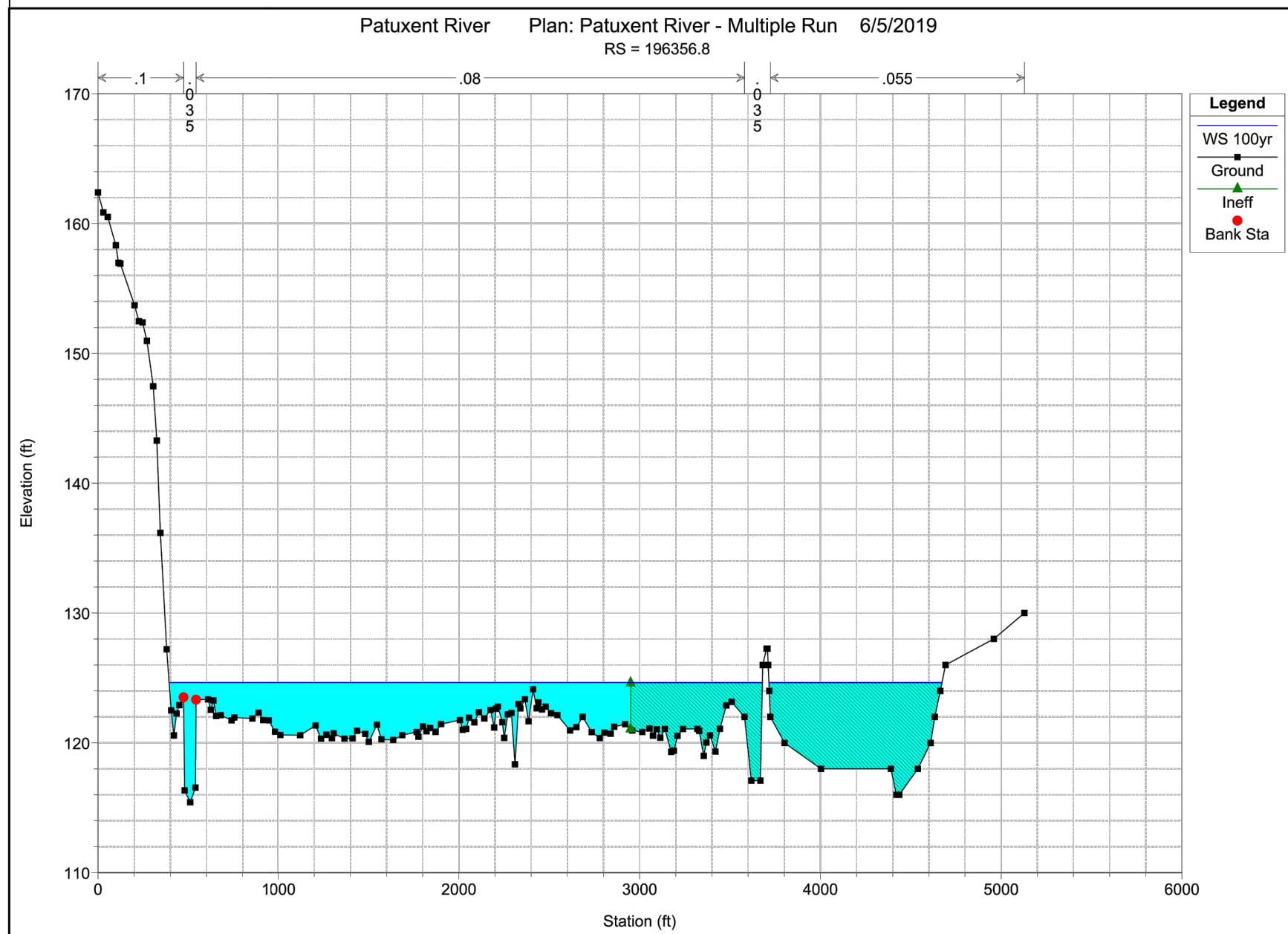
Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS
FLOODPLAIN STUDY

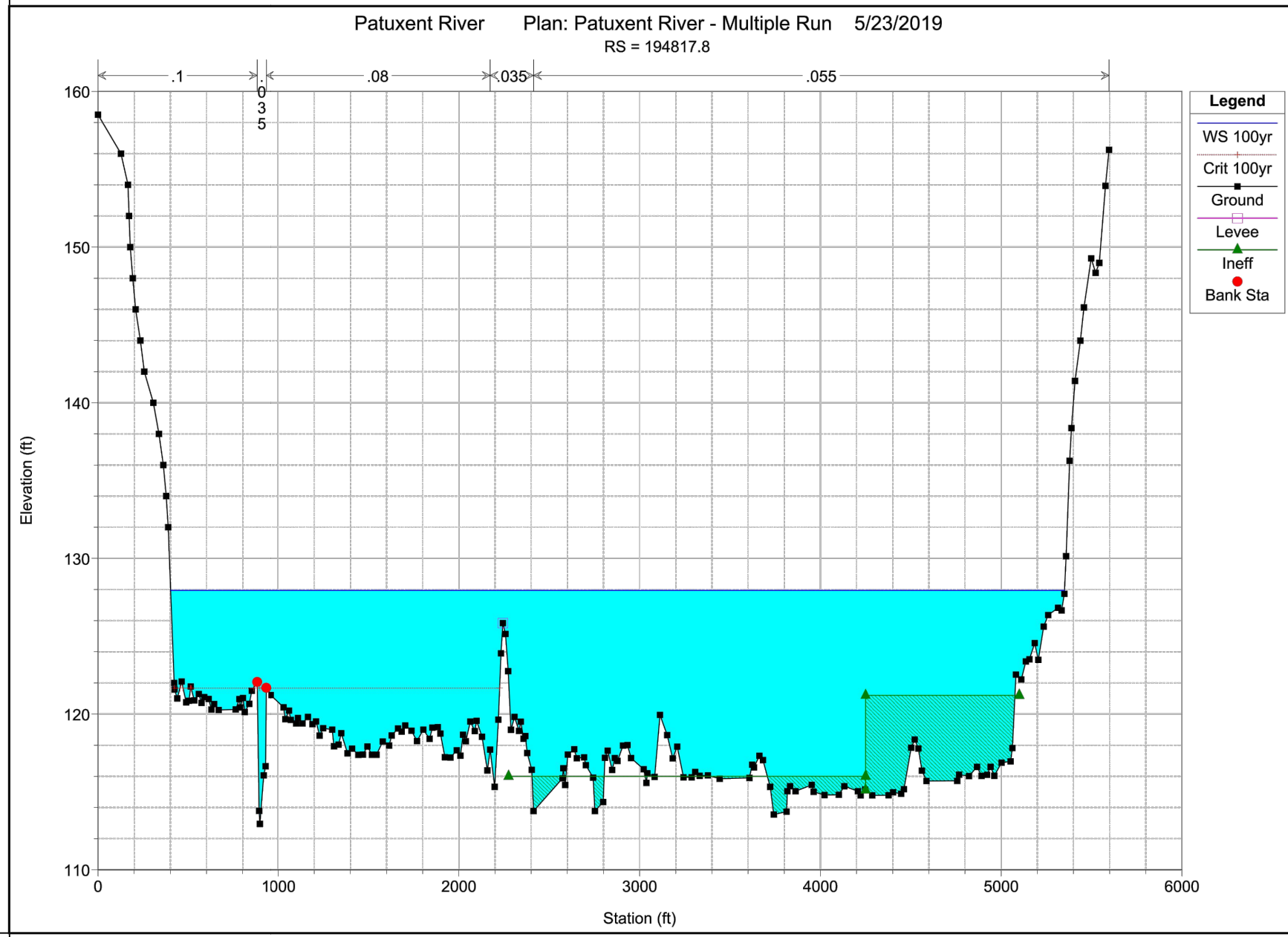
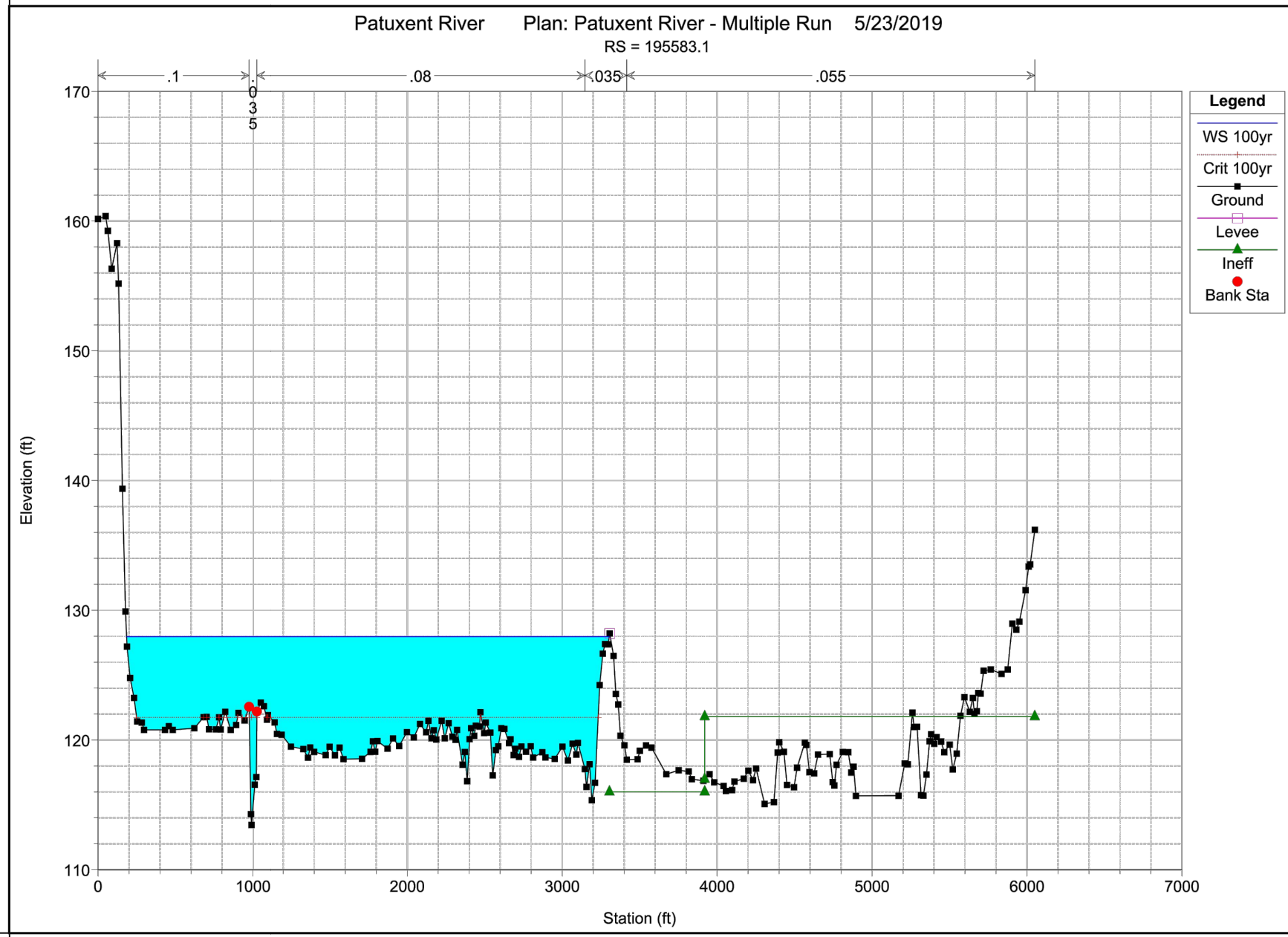
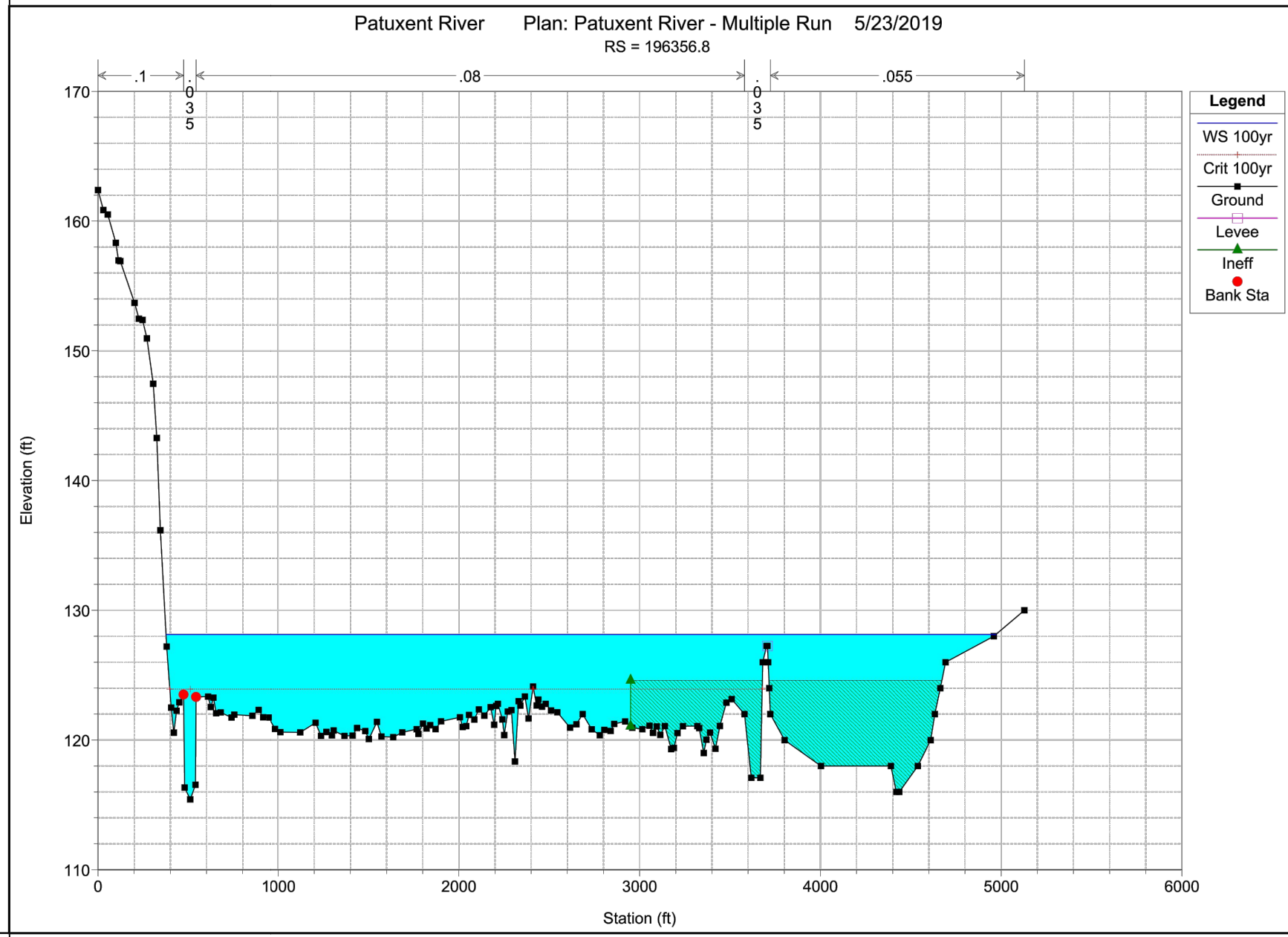
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Ph: 301.948.4700 Fax: 301.948.6256 www.rodgers.com

BY	DATE
CADD	05/2019
DESIGNED	05/2019
DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

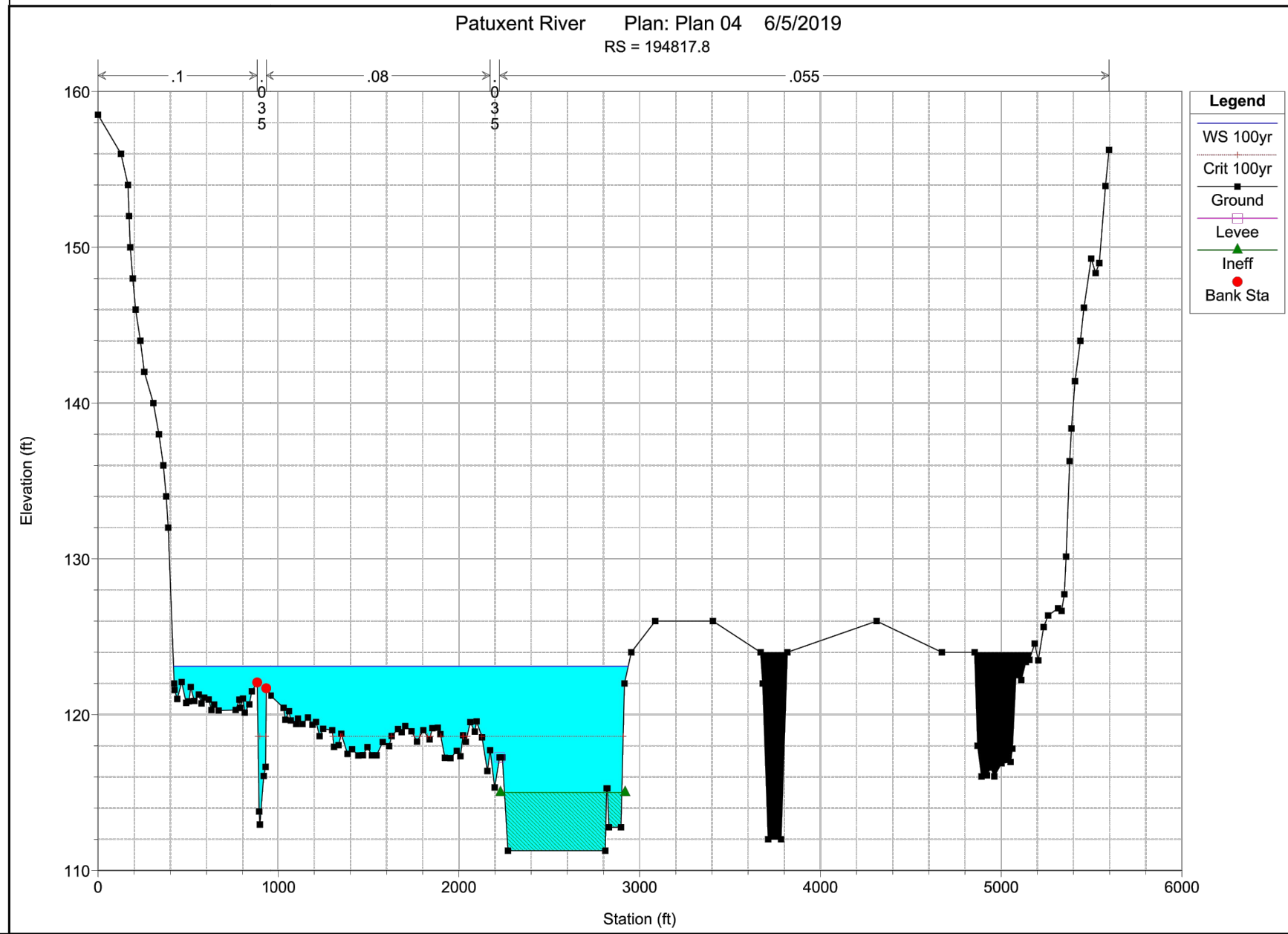
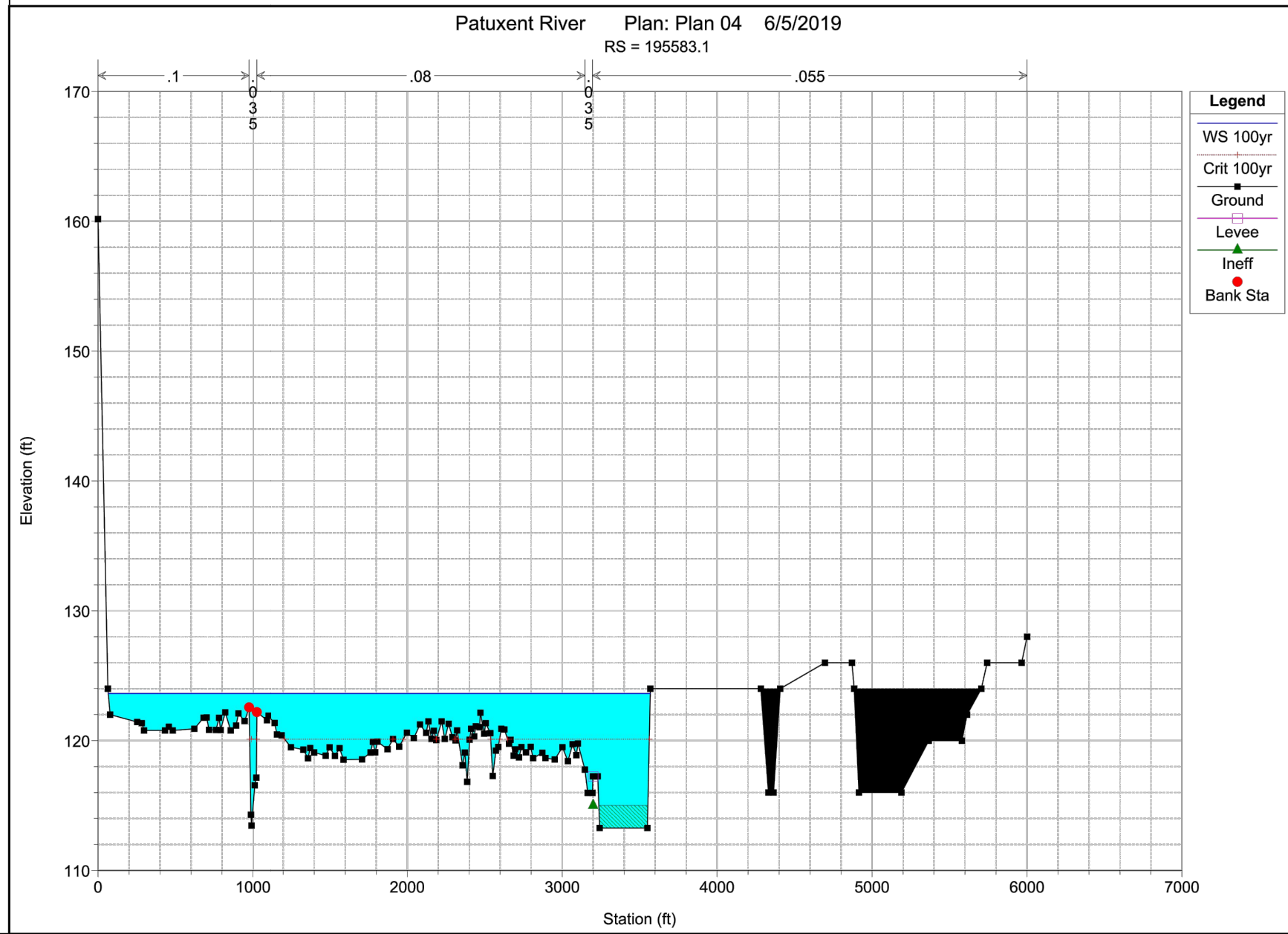
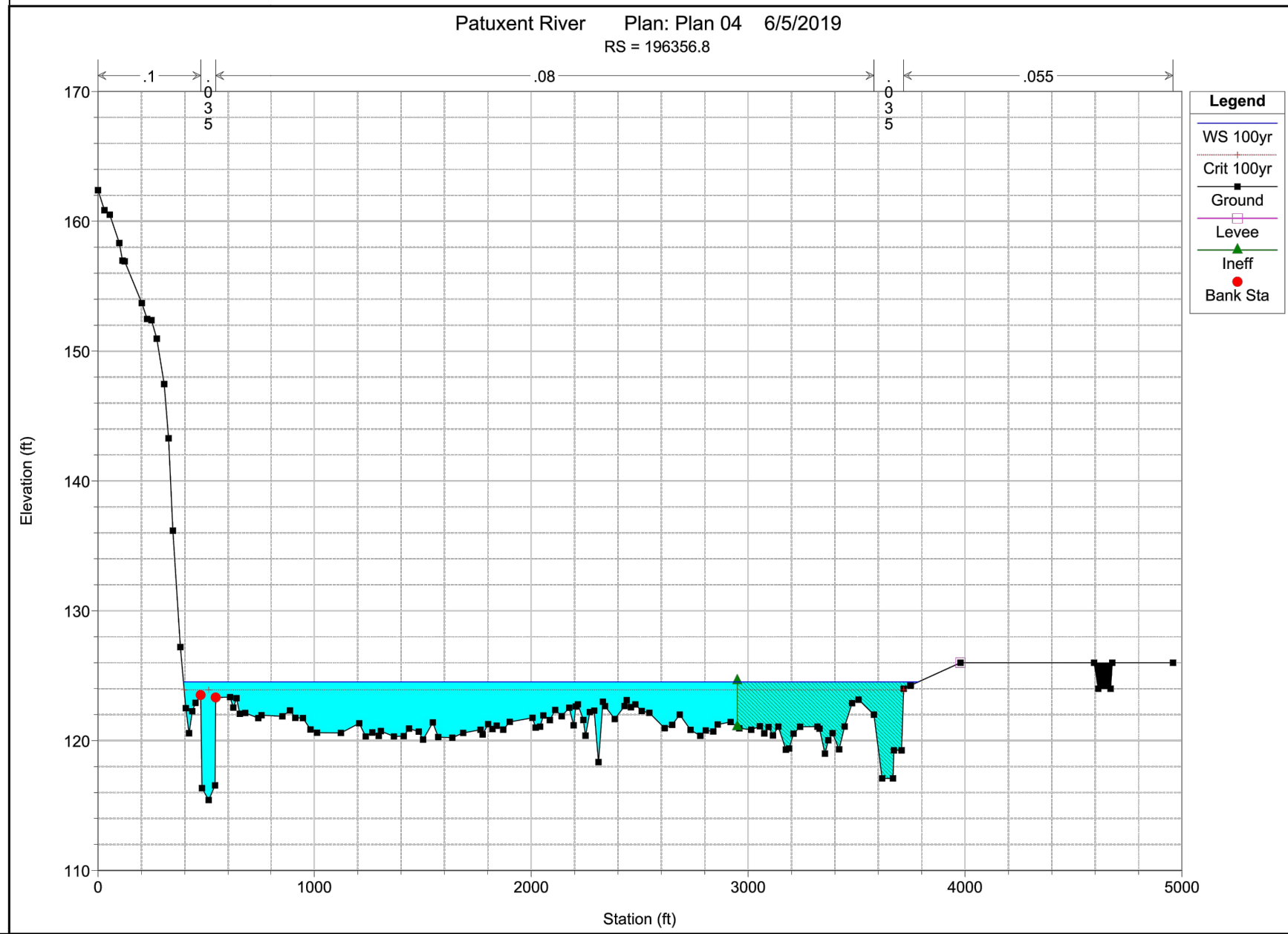
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WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



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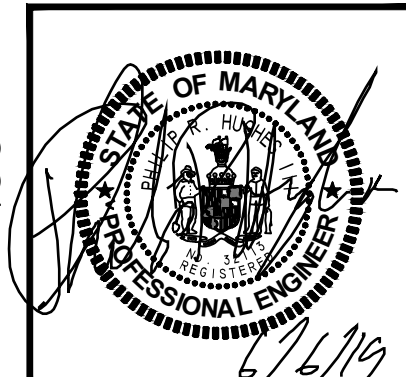
CROSS-SECTION 195583.1

CROSS-SECTION 194817.8

PROFESSIONAL CERTIFICATION

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Patuxent Greens

10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

SCALE: N/A
JOB No. 1262A
DATE: MAY 2019
SHEET No. 4 of 7

REVISION	DATE	REVISION	DATE	REVISION	DATE

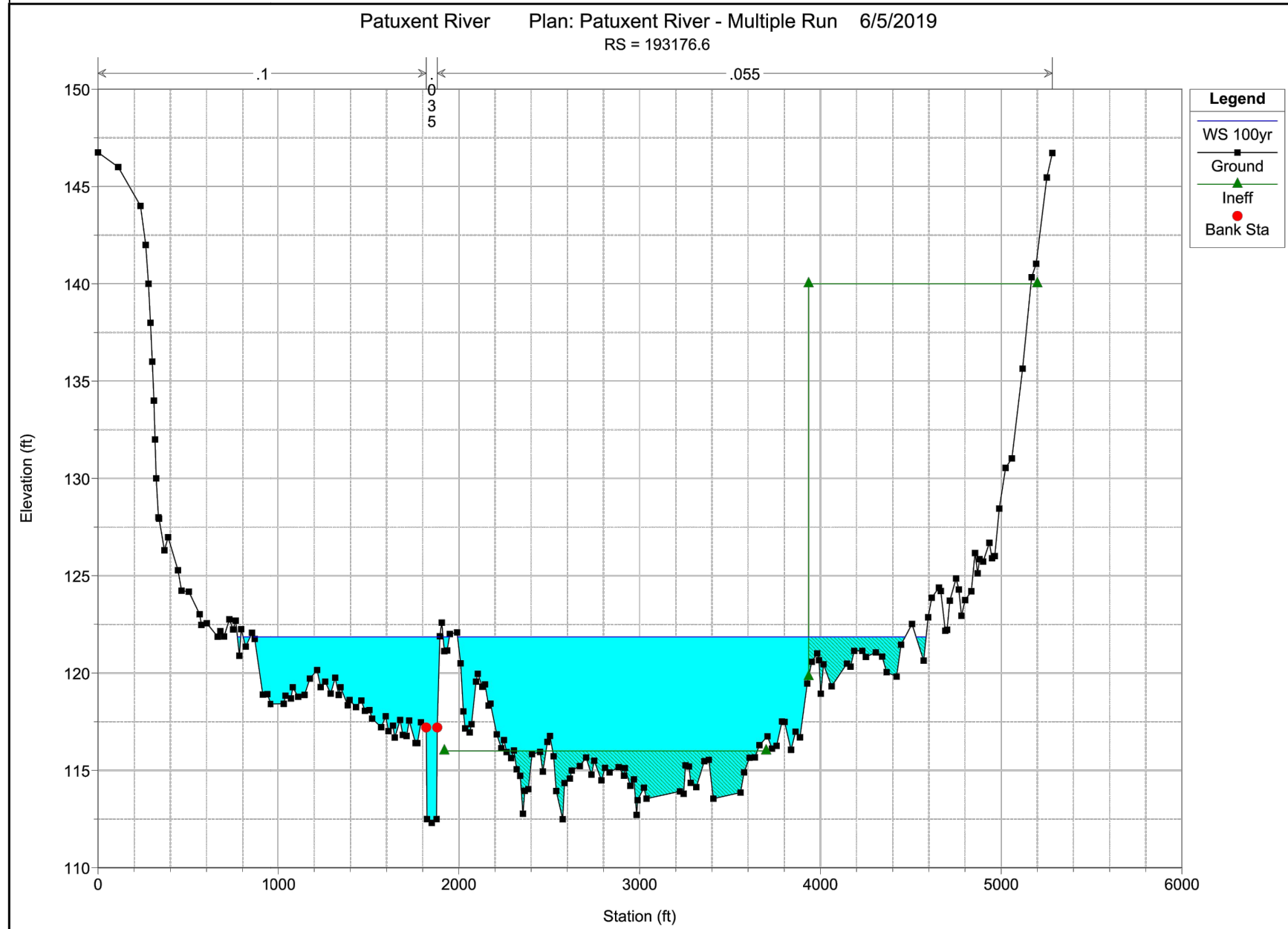
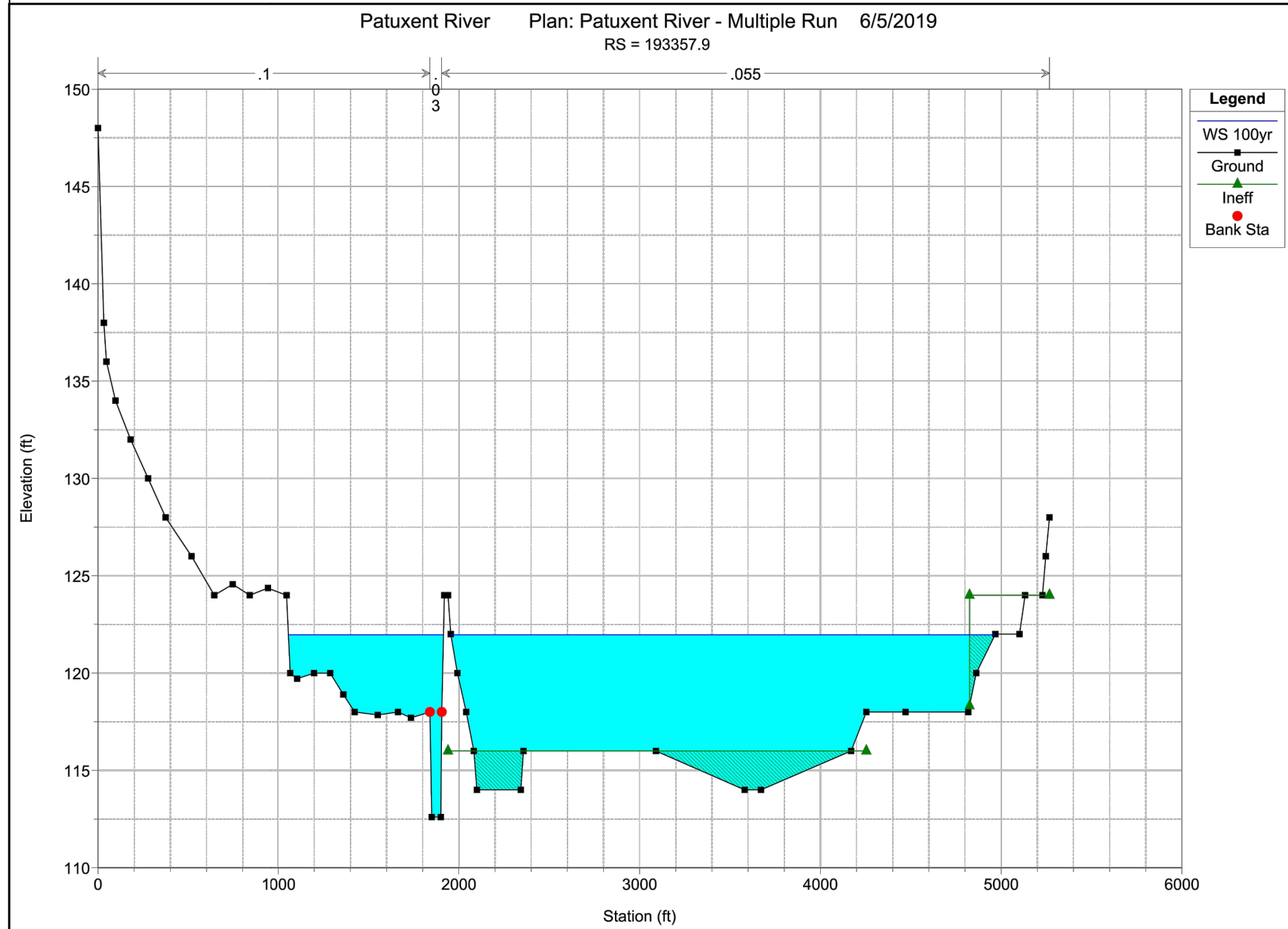
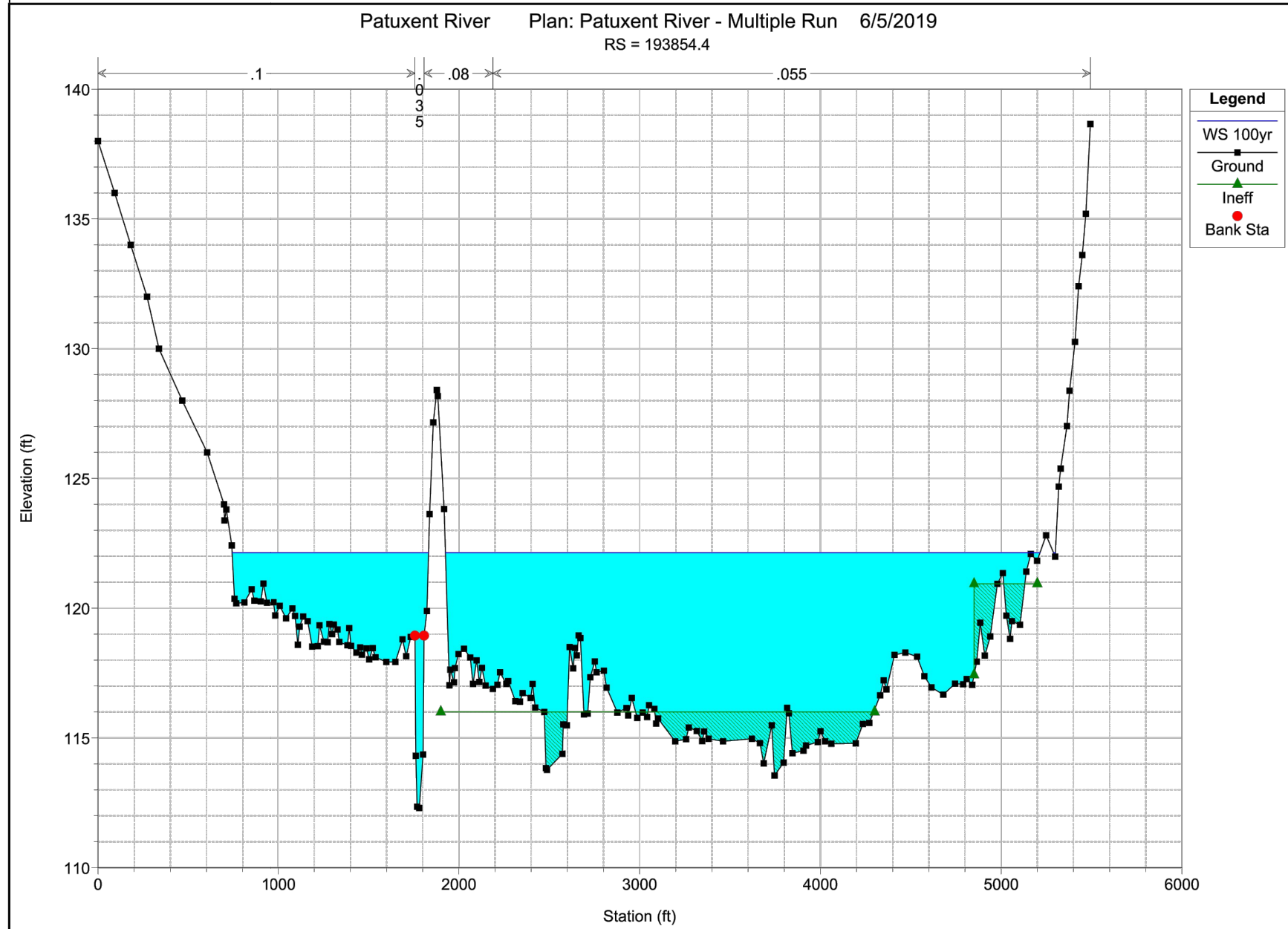
Prepared For:
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6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS
FLOODPLAIN STUDY

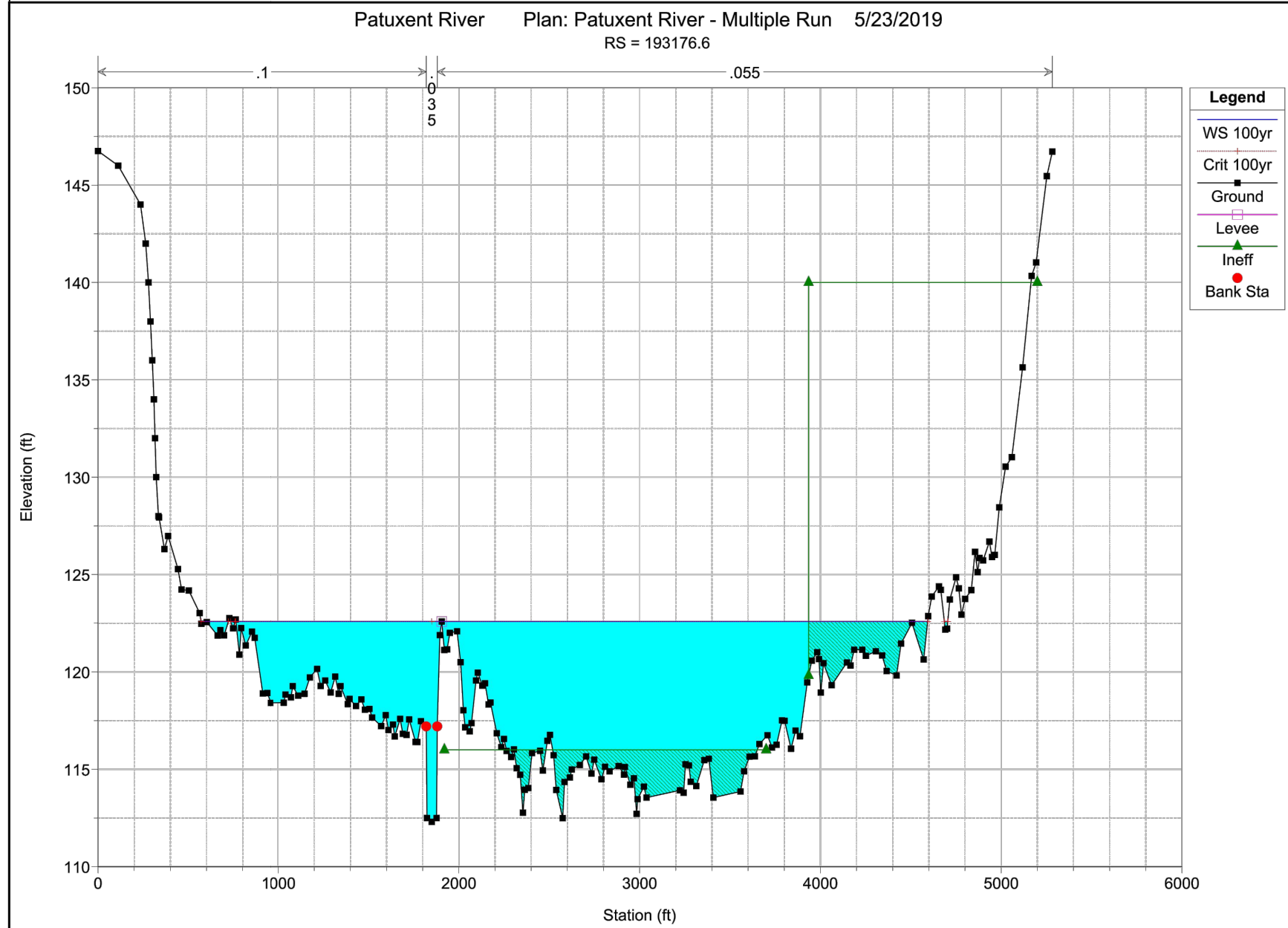
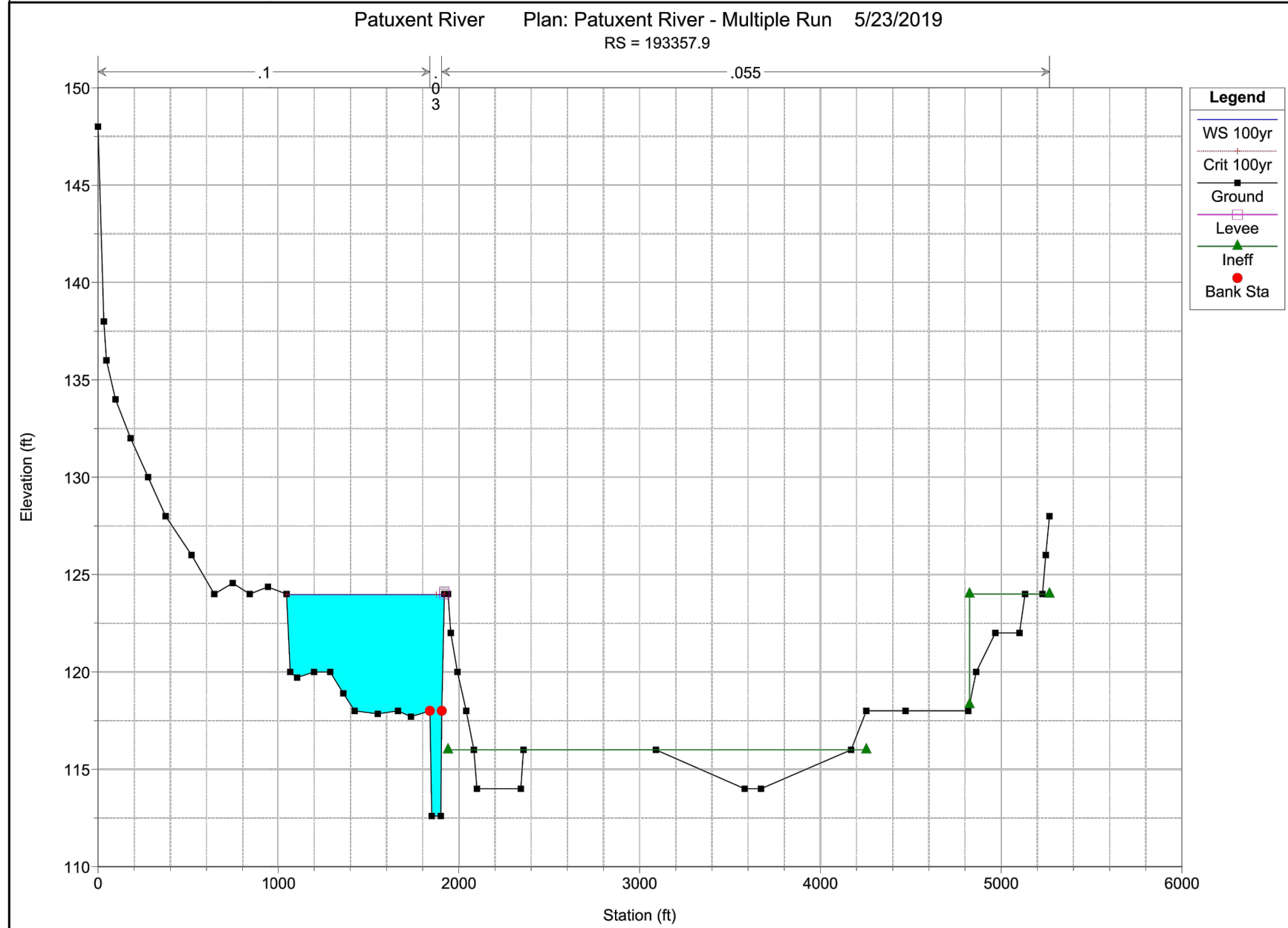
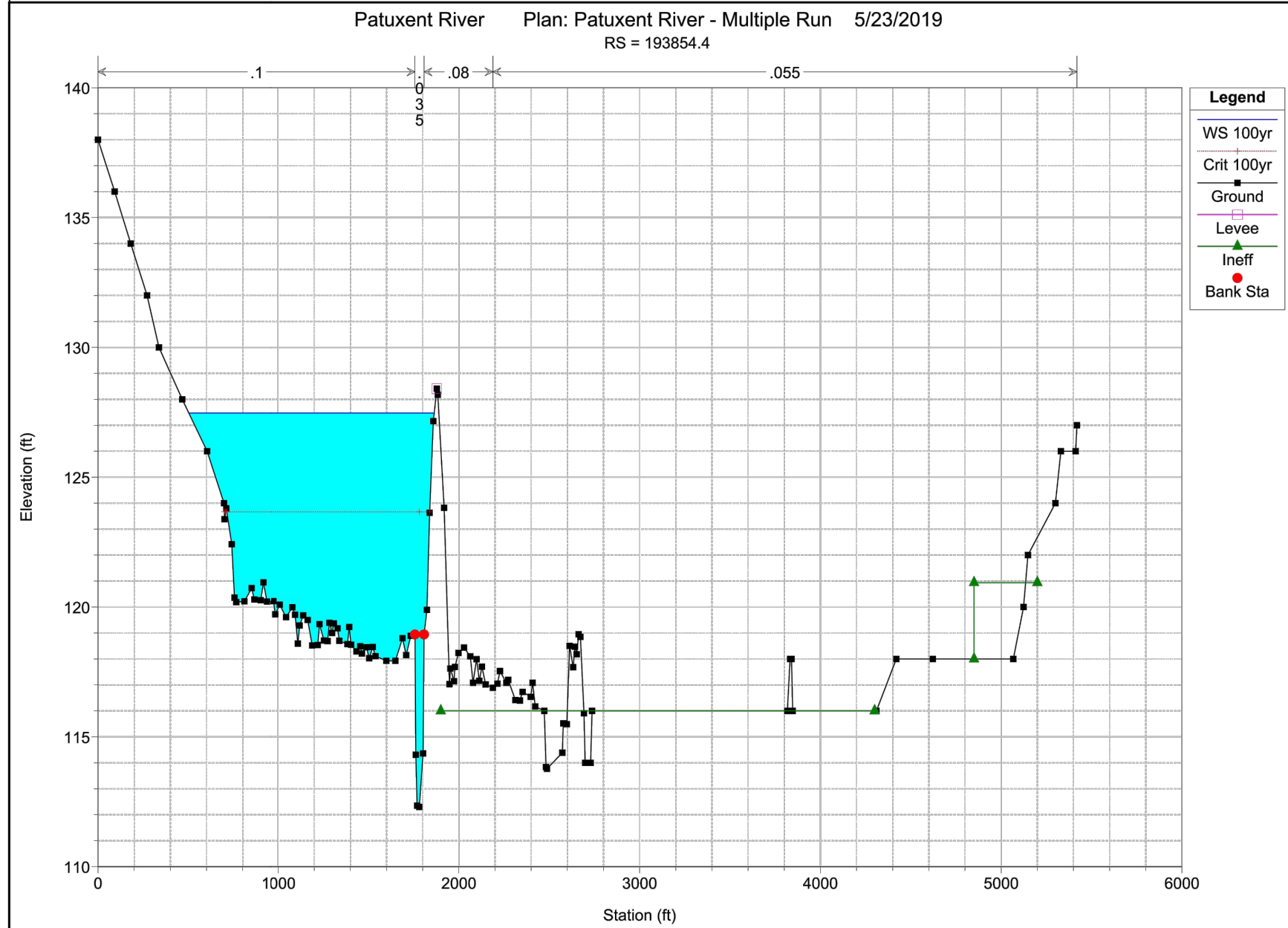
RODGERS
CONSULTING
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BY	DATE
CADD	05/2019
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DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

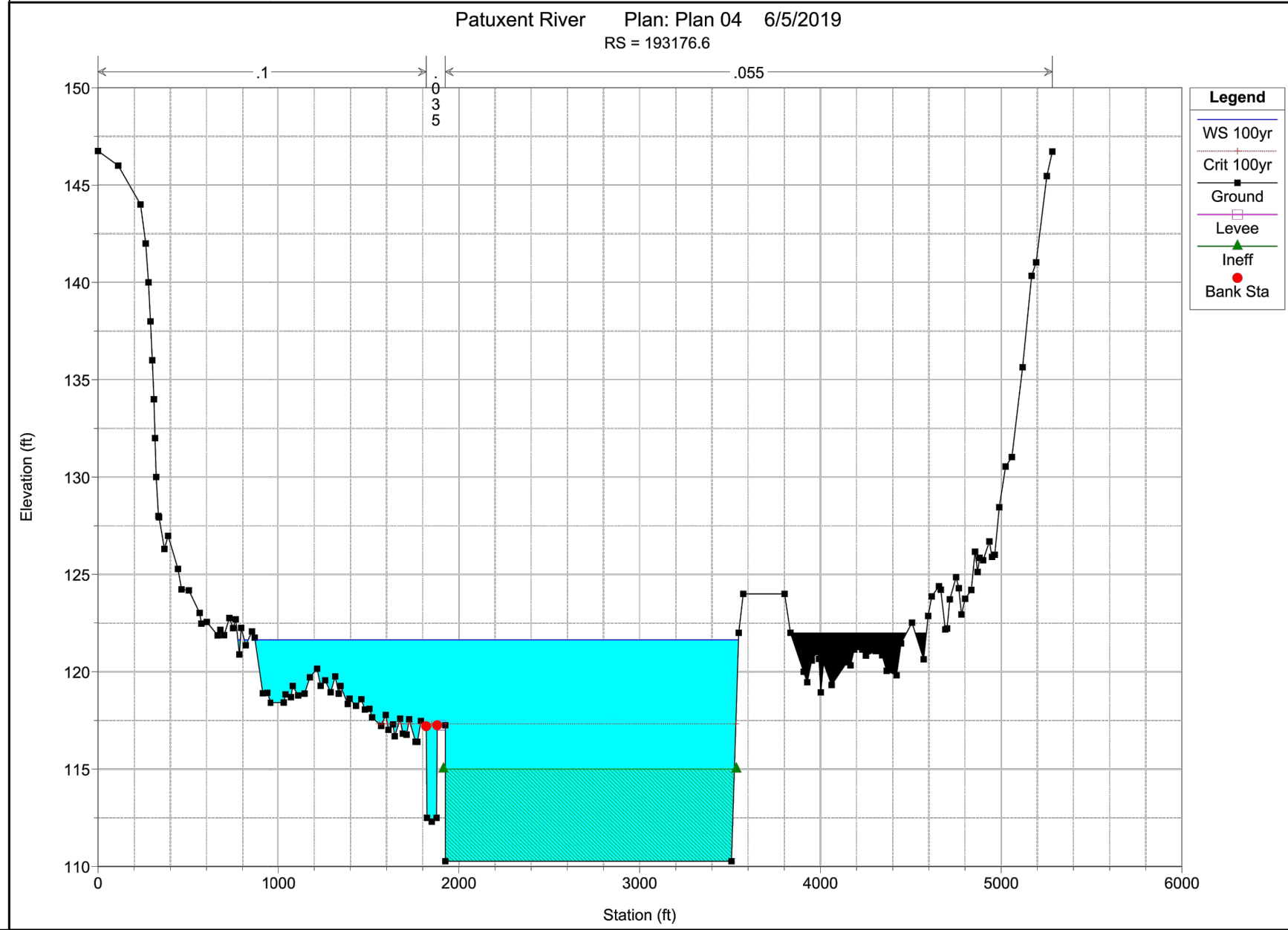
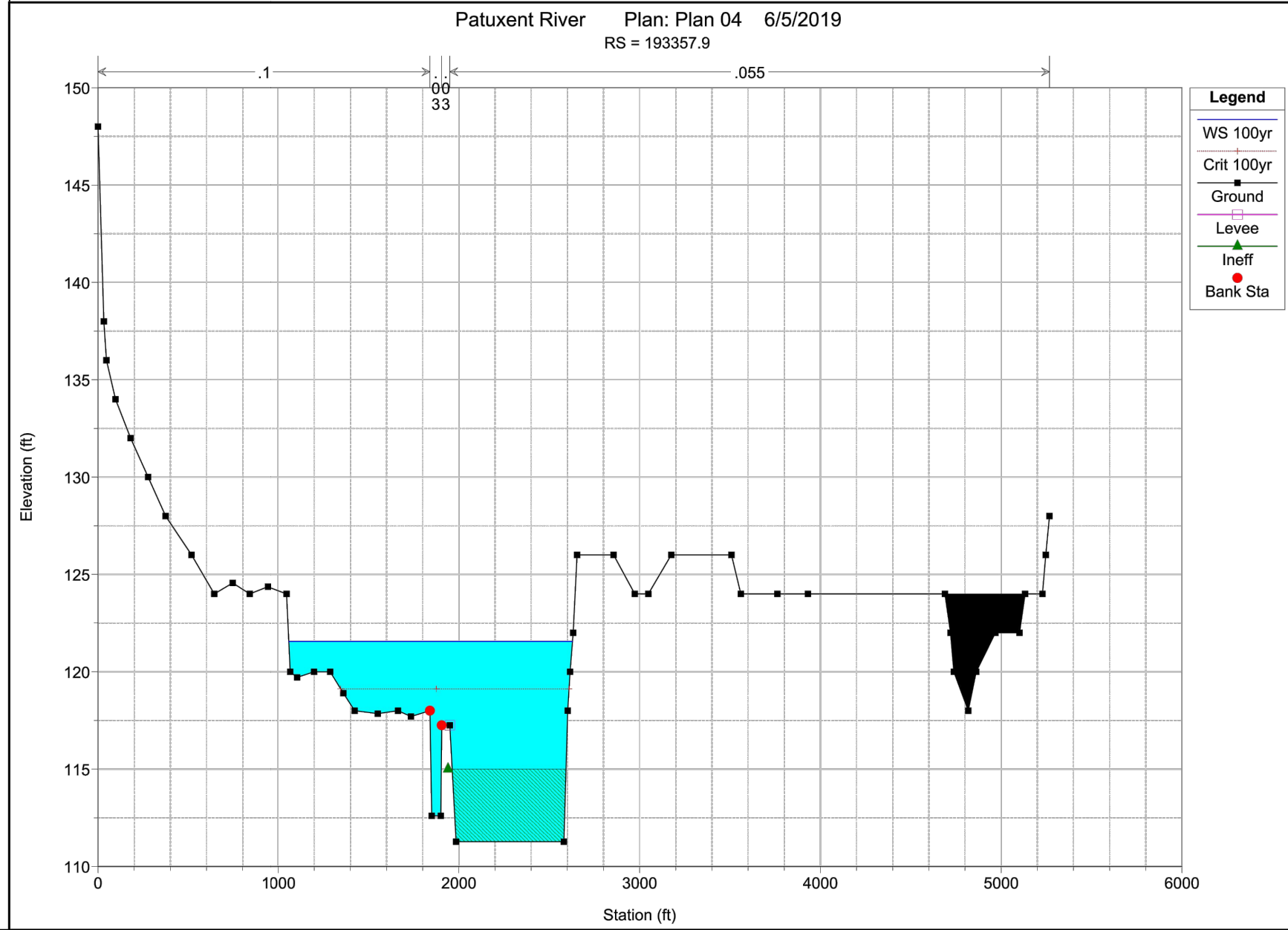
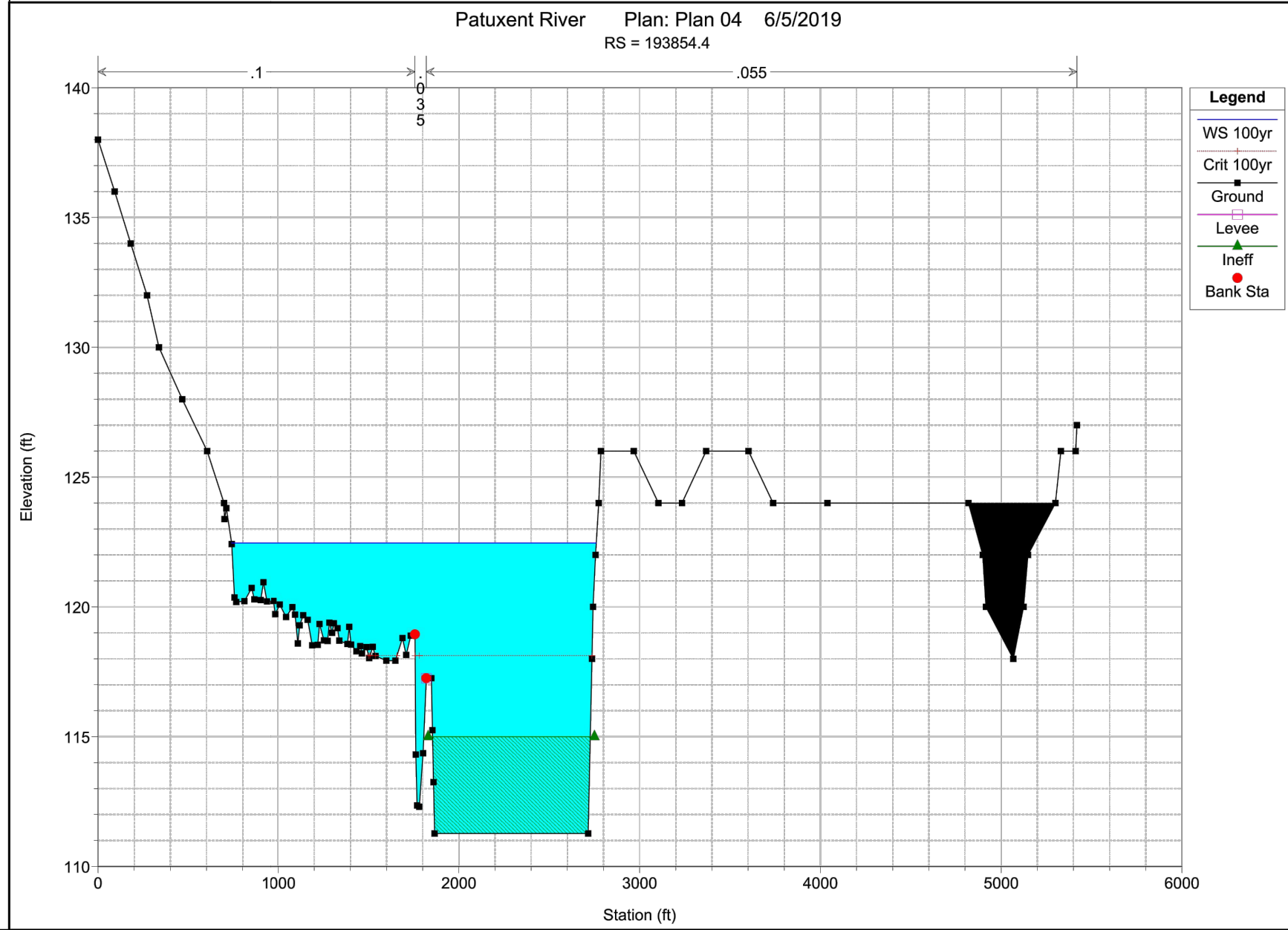
EXISTING CONDITION
WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



CROSS-SECTION 193854.4

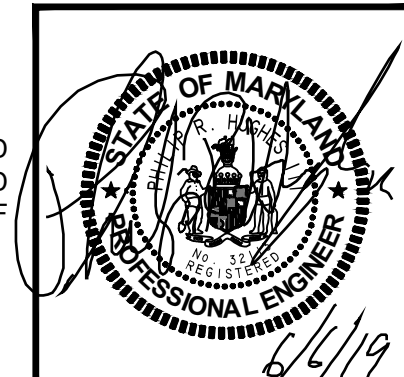
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CROSS-SECTION 193176.6

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Patuxent Greens
10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

SCALE: N/A
JOB No. 1262A
DATE: MAY 2019
SHEET No. 5 of 7

REVISION	DATE	REVISION	DATE	REVISION	DATE

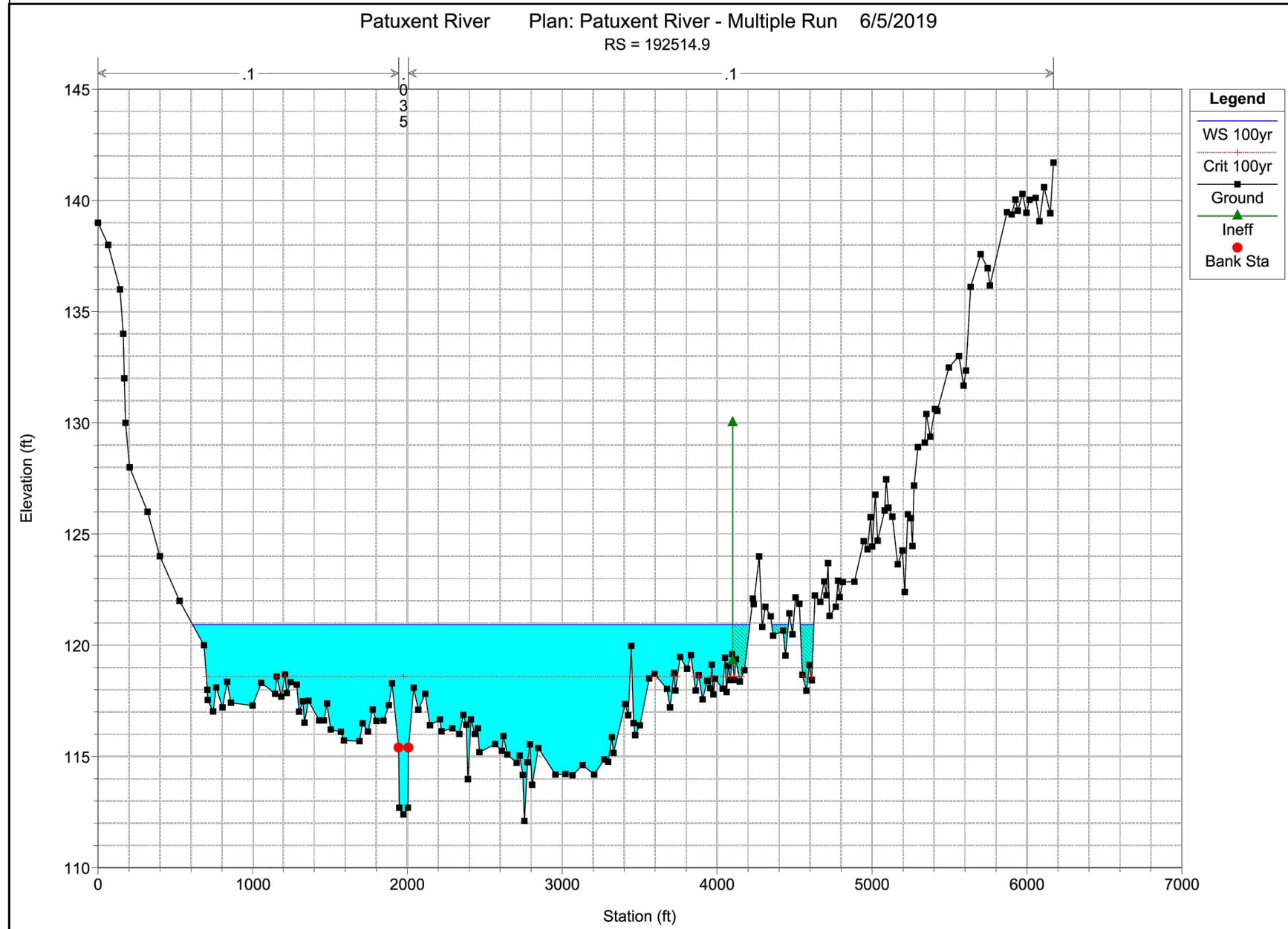
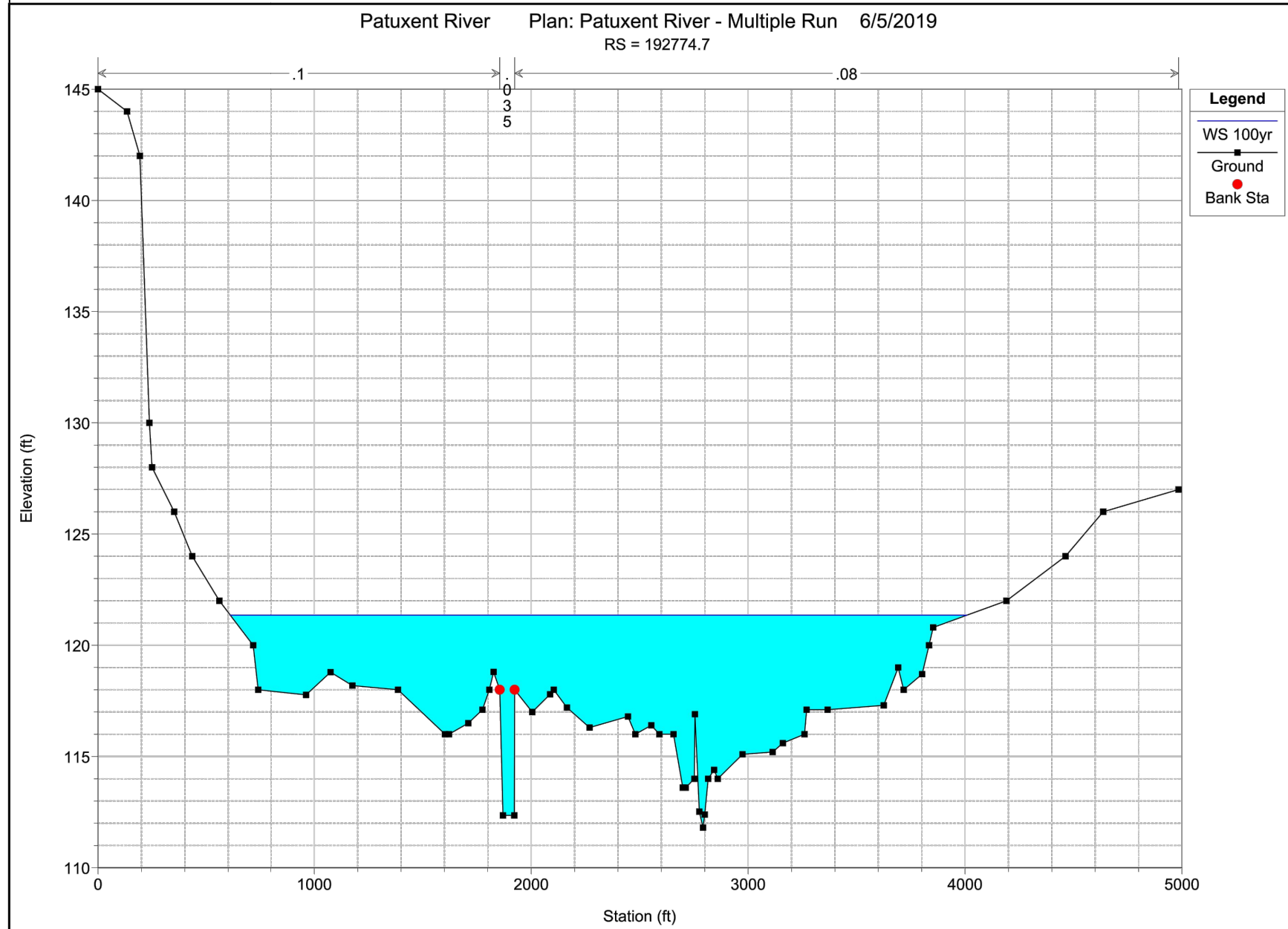
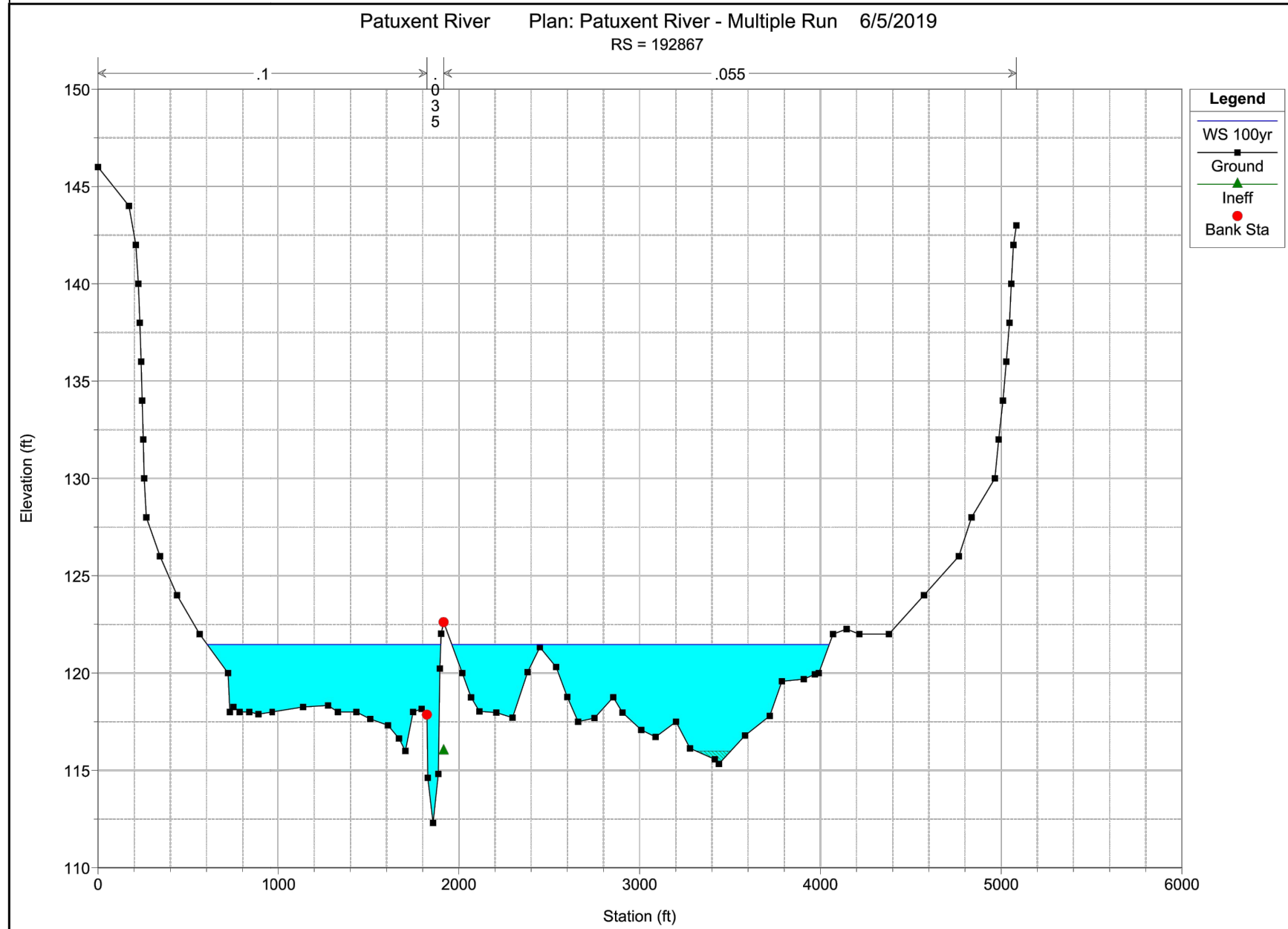
Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS
FLOODPLAIN STUDY

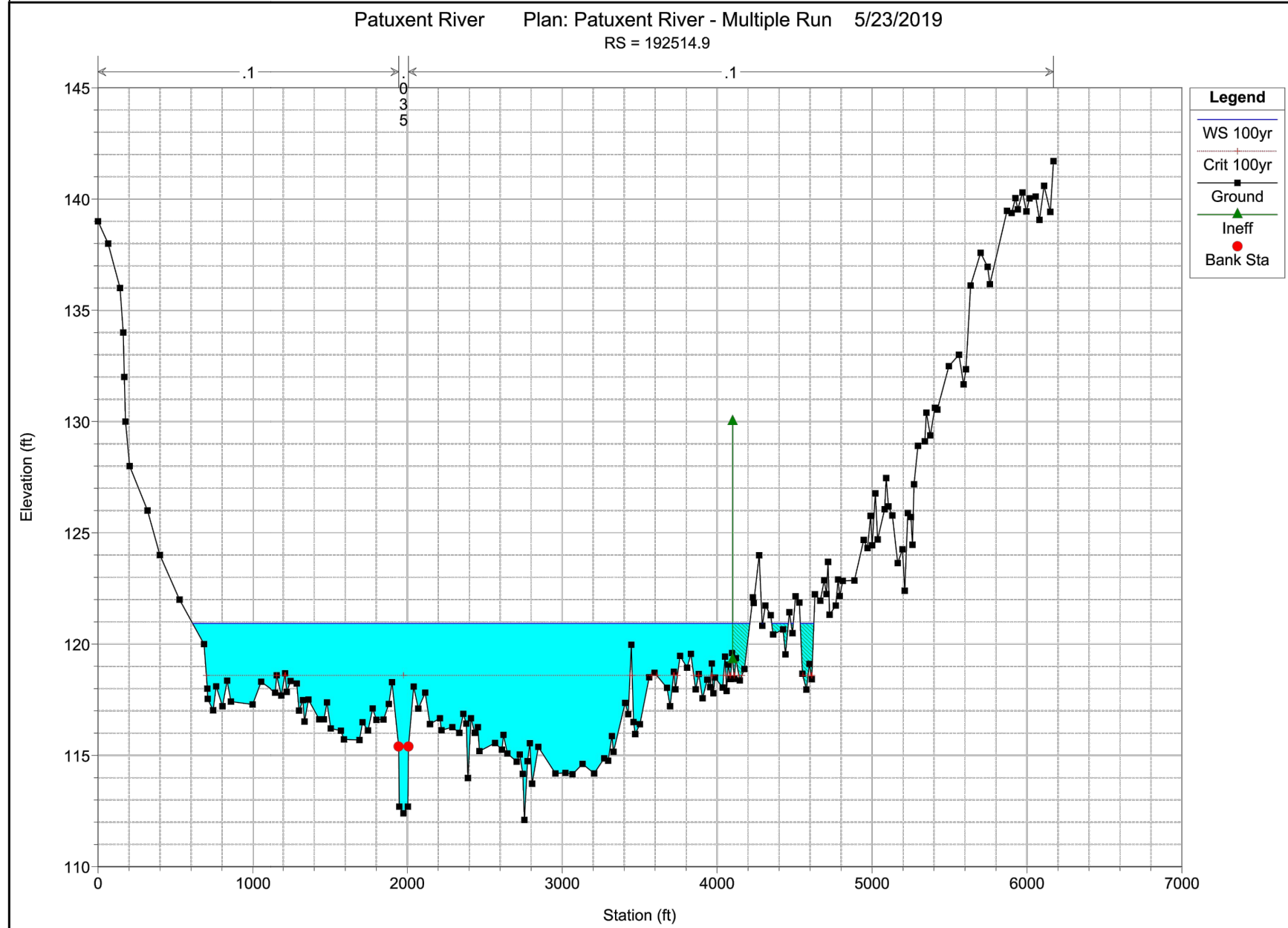
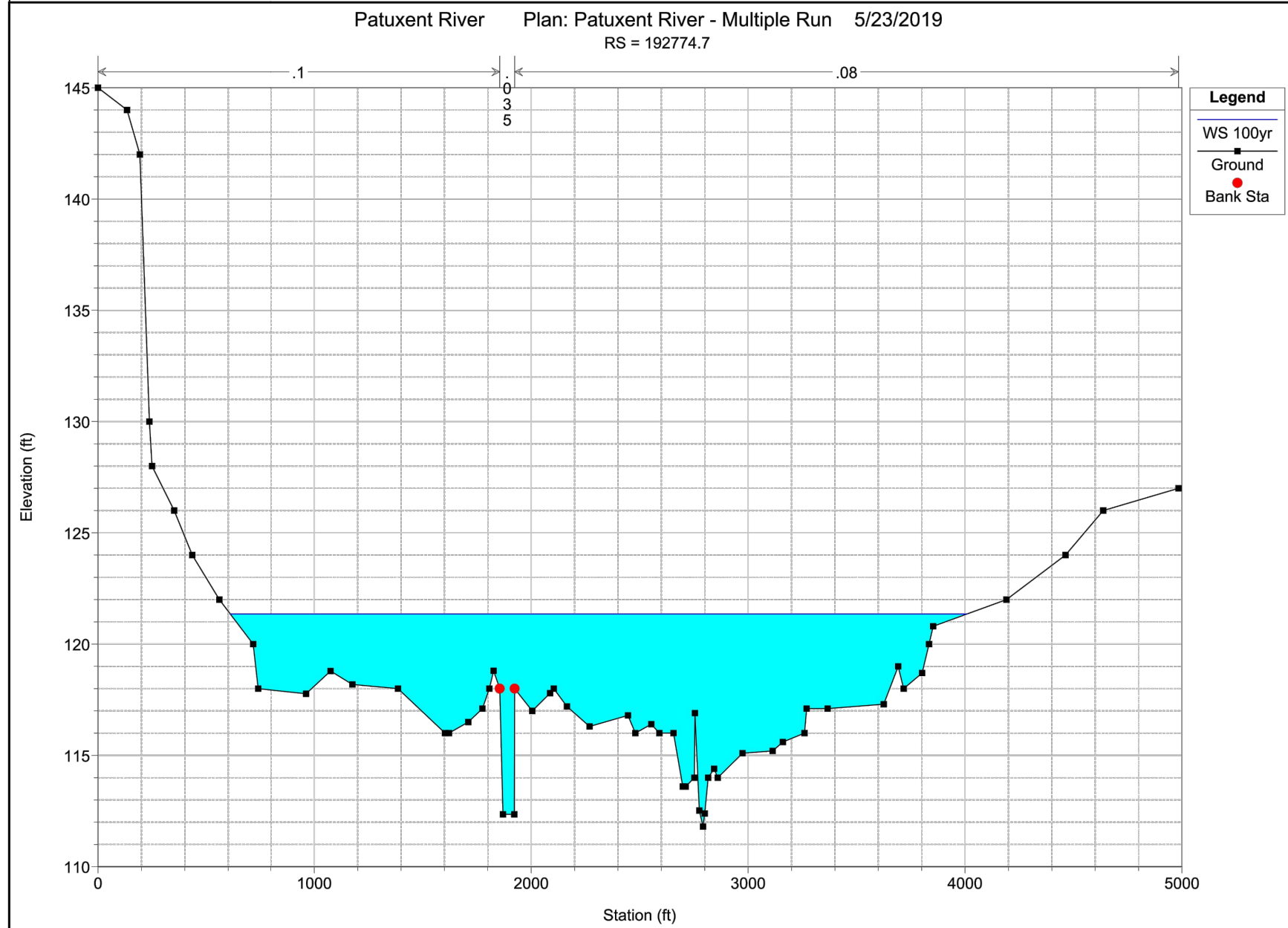
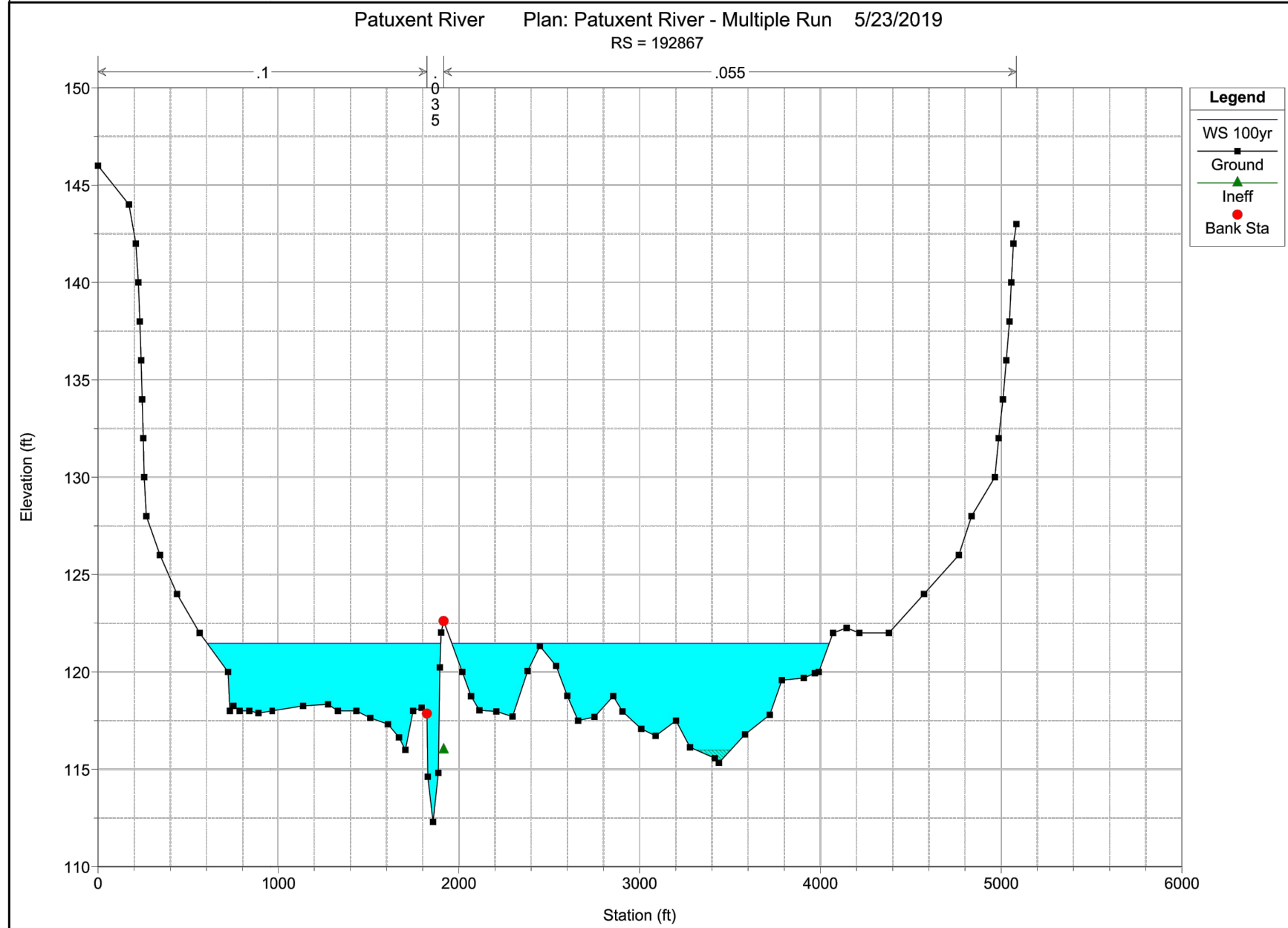
RODGERS
CONSULTING
1101 Mercantile Lane, Suite 280, Largo, Maryland 20774
Ph: 301.948.4700 Fax: 301.948.6256 www.rodgers.com

BY	DATE
CADD	05/2019
DESIGNED	05/2019
DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

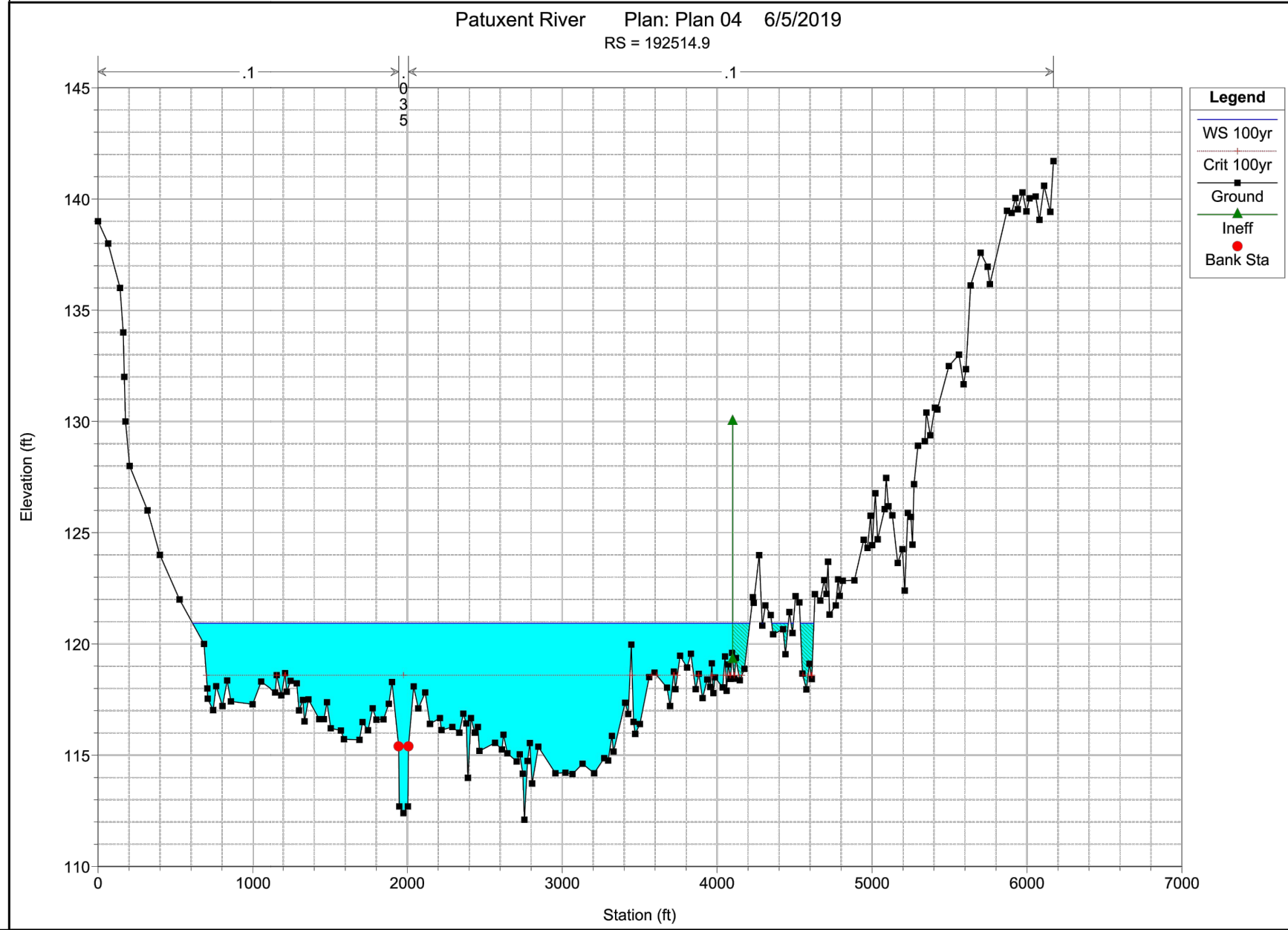
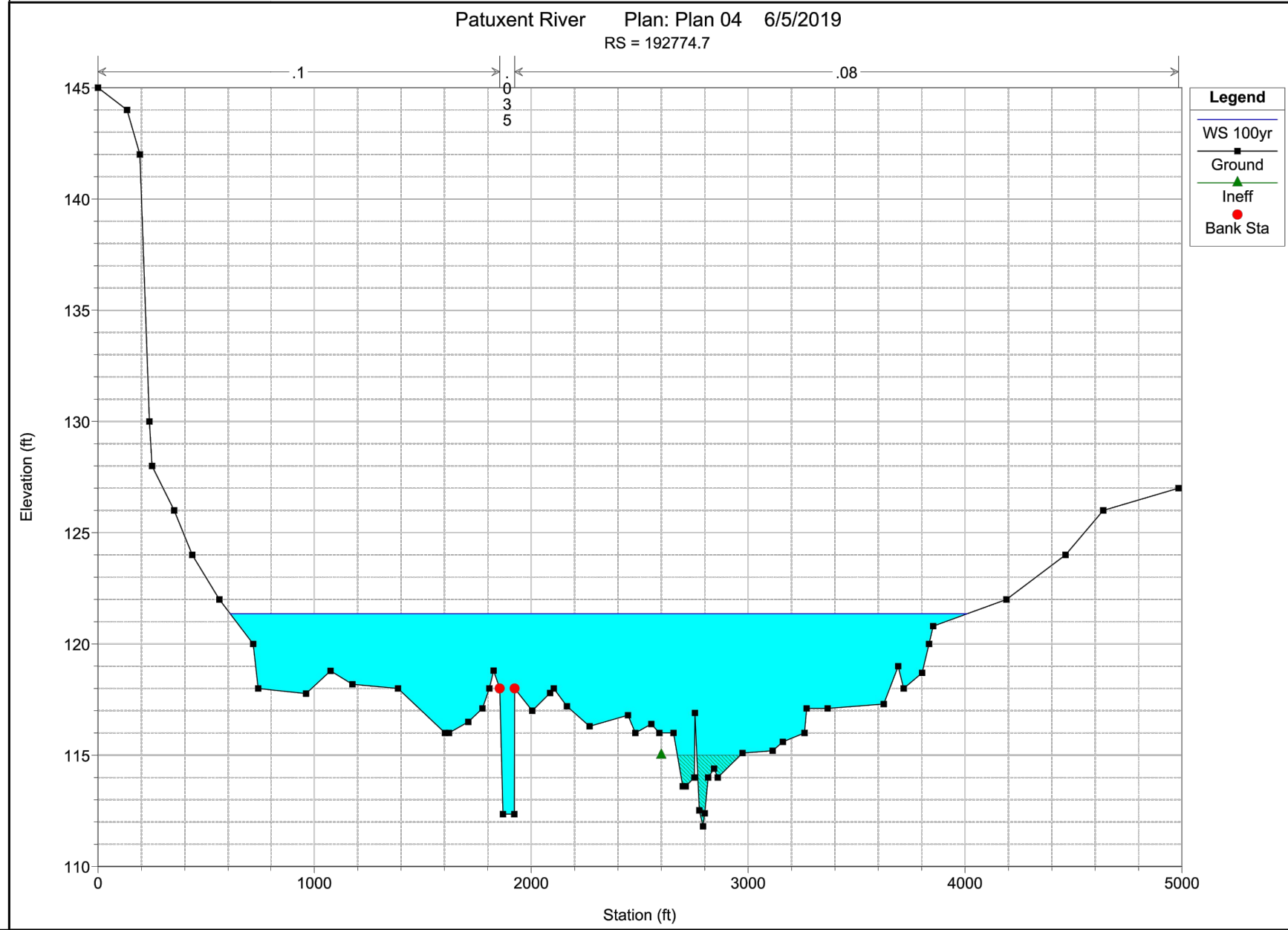
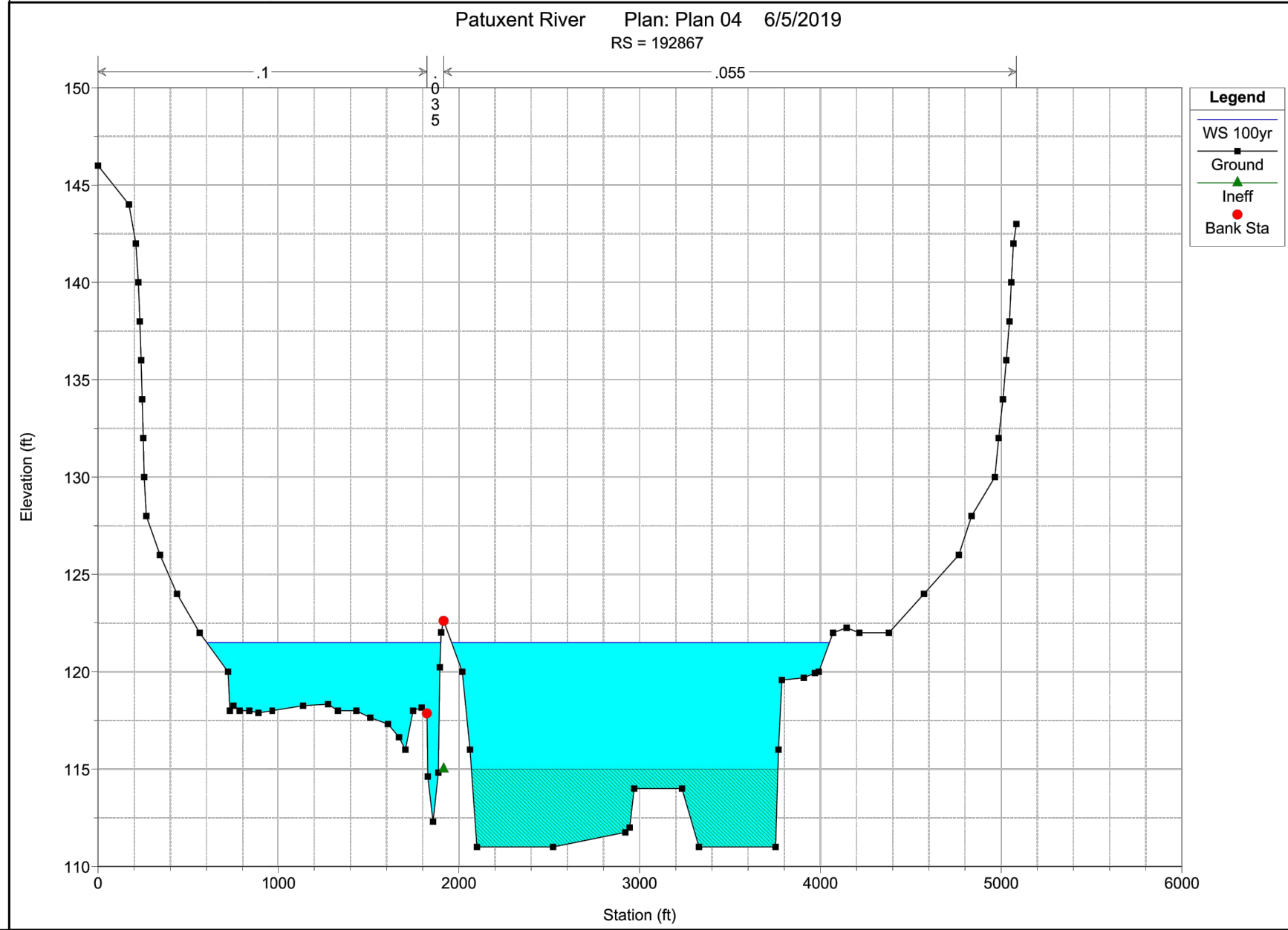
EXISTING CONDITION
WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



CROSS-SECTION 192867

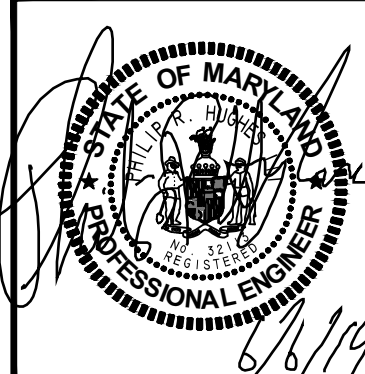
CROSS-SECTION 192774.7

CROSS-SECTION 191514.9

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Patuxent Greens
10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

SCALE: N/A
JOB No. 1262A
DATE: MAY 2019
SHEET No. 6 of 7

REVISION	DATE	REVISION	DATE	REVISION	DATE

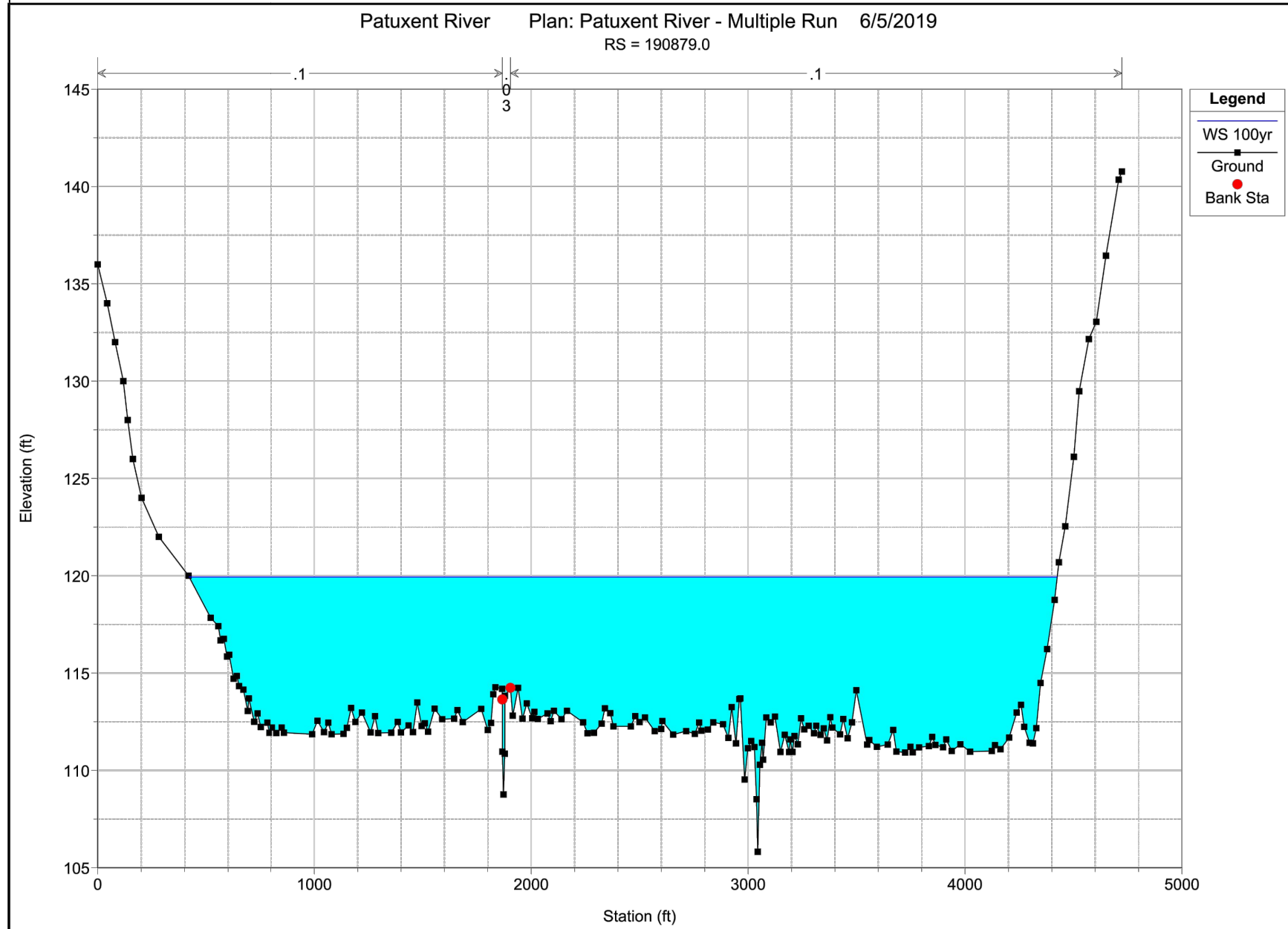
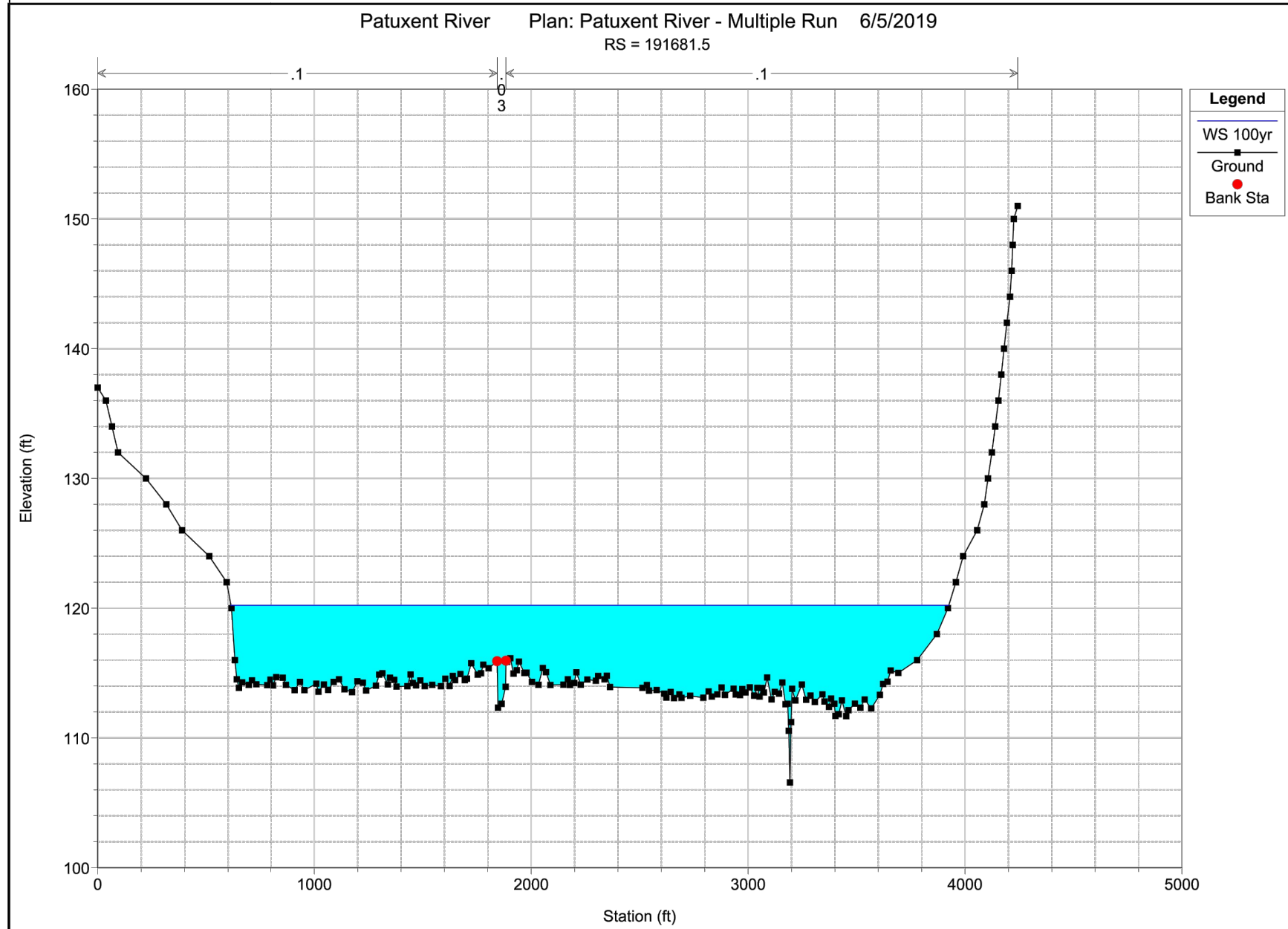
Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS
FLOODPLAIN STUDY

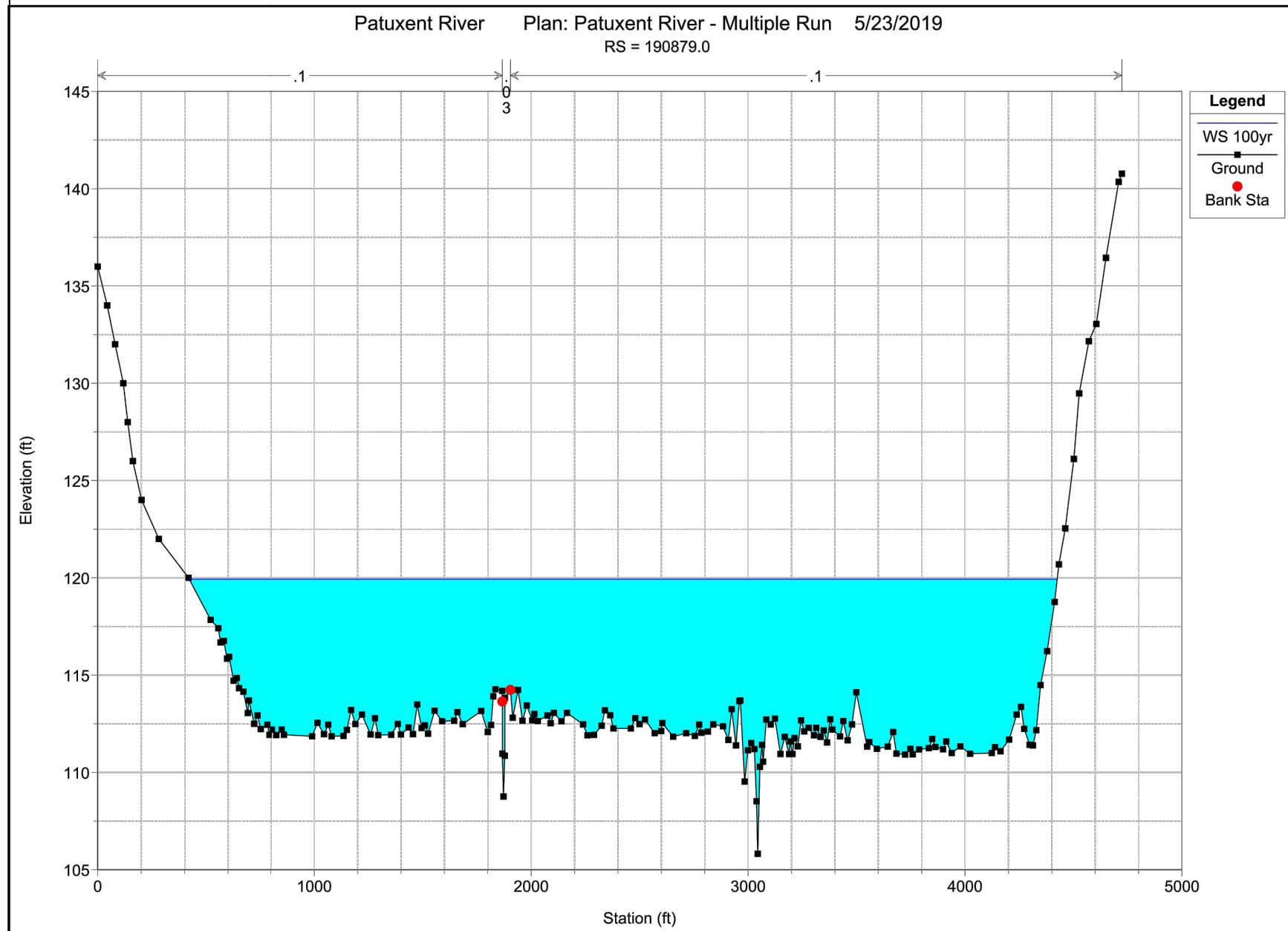
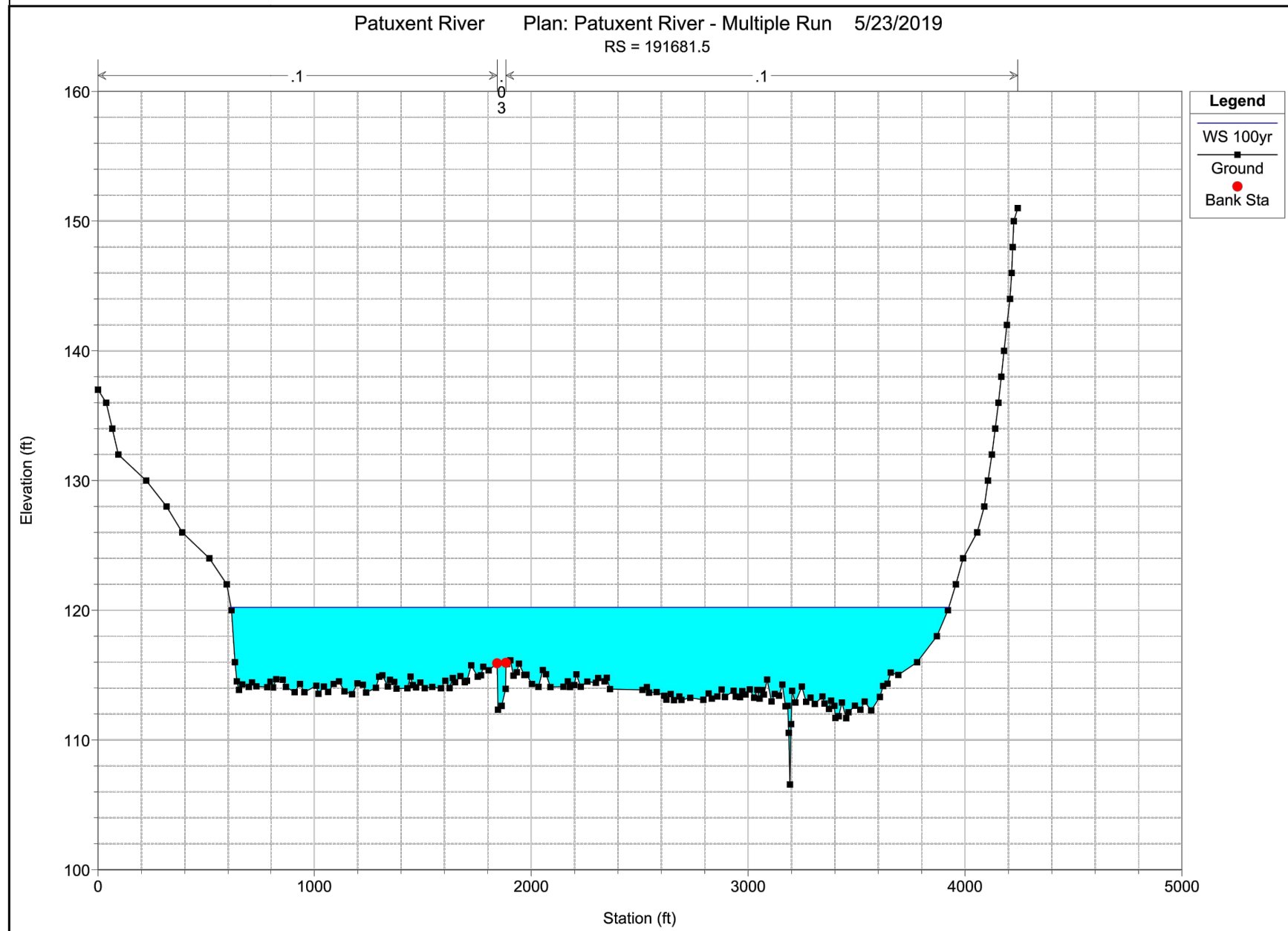
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BY	DATE
CADD	05/2019
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DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

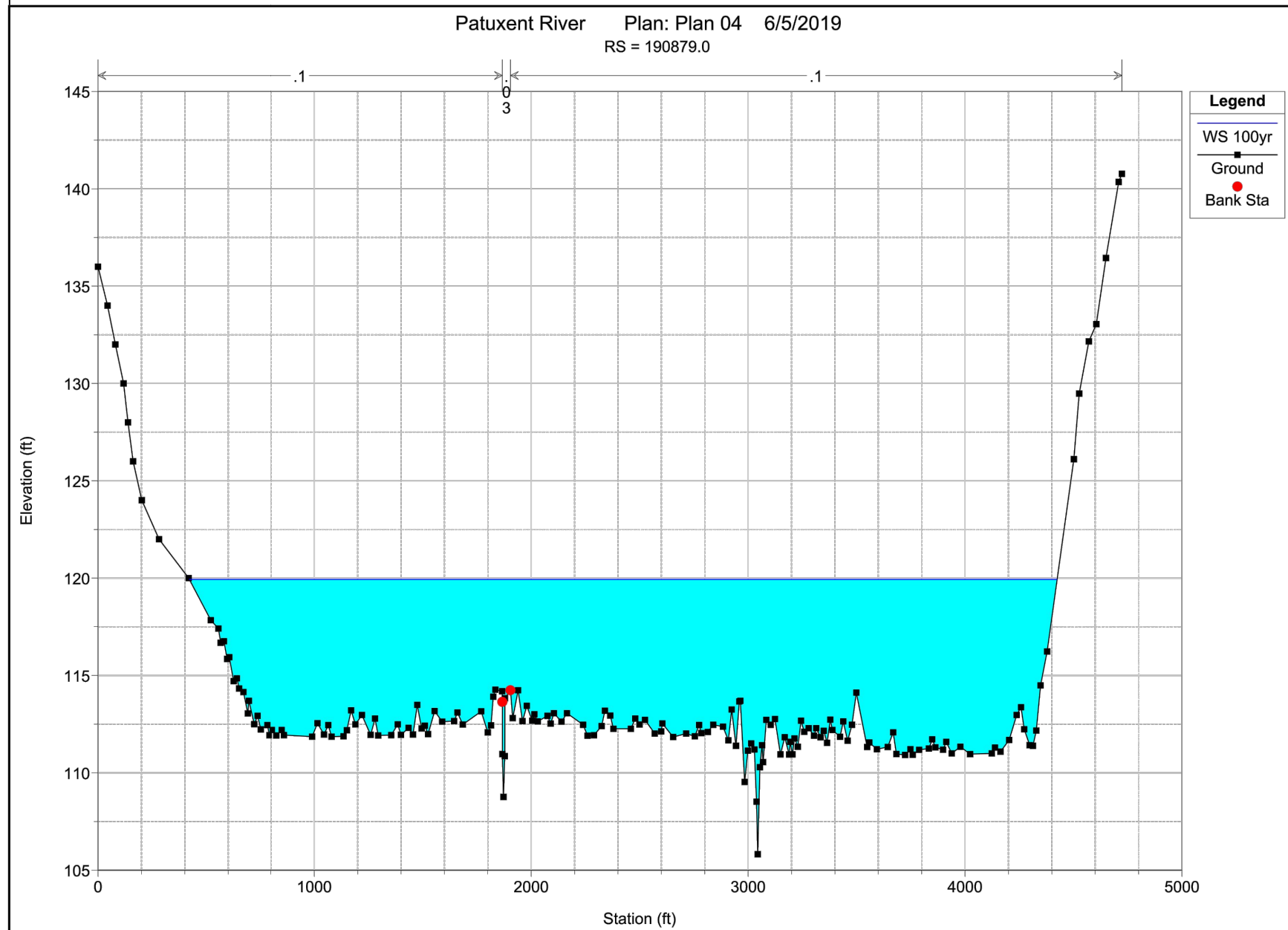
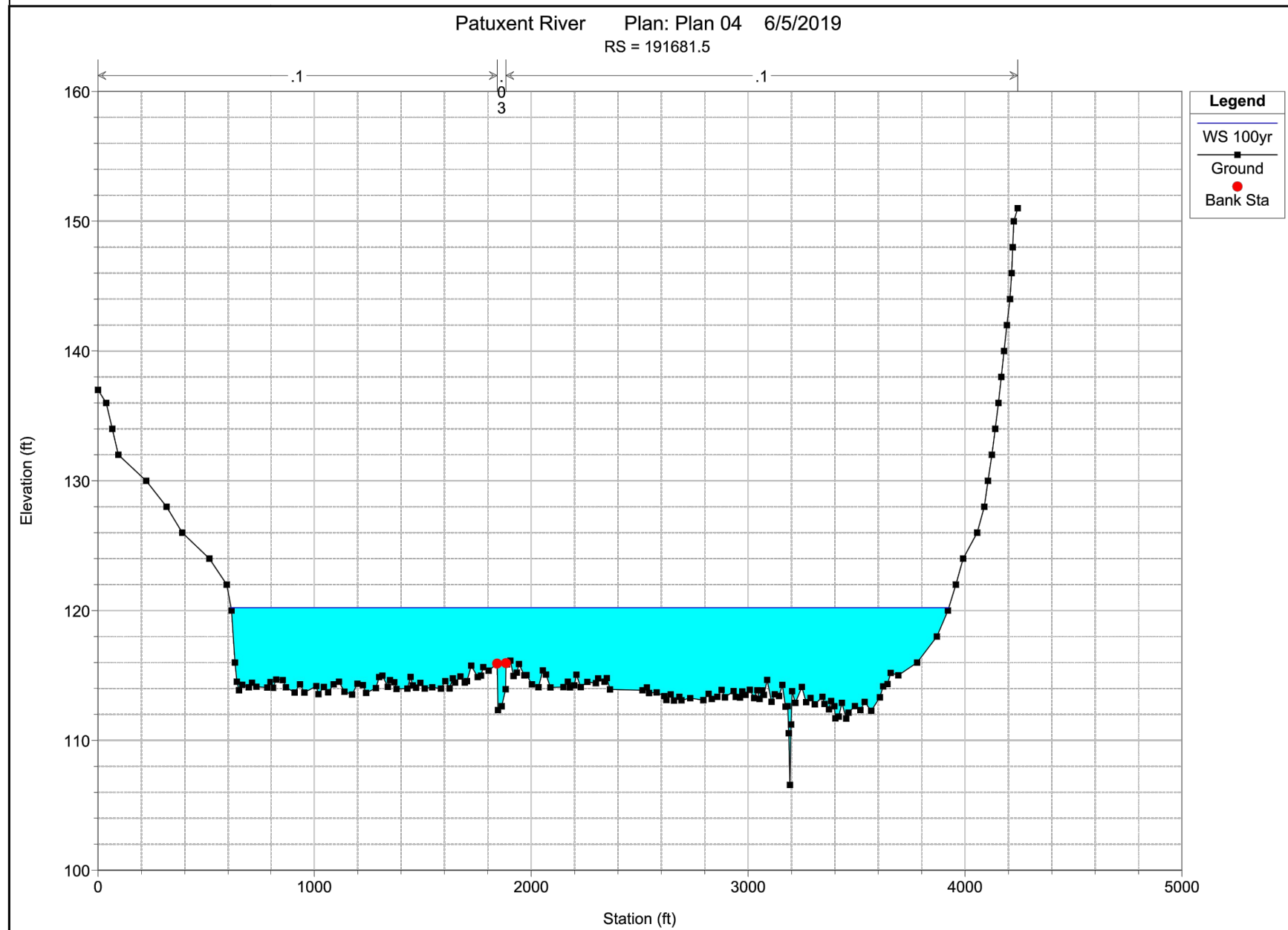
EXISTING CONDITION
WITHOUT BERM



EXISTING CONDITION
WITH BERM



PROPOSED
CONDITION



CROSS-SECTION 191681.5

CROSS-SECTION 190879

REVISION	DATE	REVISION	DATE	REVISION	DATE

Prepared For:
CS PATUXENT GREENS, LLC
6290 Montrose Road
Rockville, MD 20852
Attn: Alan D. Cohen
Phone: 301-692-4000

CROSS-SECTION EXHIBITS FLOODPLAIN STUDY

RODGERS
CONSULTING

1101 Mercantile Lane, Suite 280, Largo, Maryland 20774
Ph: 301.948.4700 Fax: 301.948.6256 www.rodgers.com

BY	DATE
CADD	05/2019
DESIGNED	05/2019
DRAWN	05/2019
REVIEWED	
RODGERS CONTACT:	
RELEASE FOR ☐	
BY _____	DATE _____

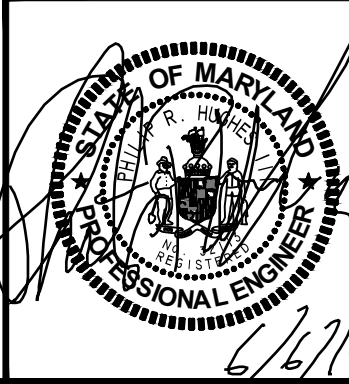
Patuxent Greens

10th Election District
The City of Laurel
Prince George's County, Maryland
Tax Map 41-E4

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 32113 EXPIRATION DATE: 9/15/19



SCALE	N/A
JOB No.	1262A
DATE	MAY 2019
SHEET No.	7 of 7