

DATUM: NAVD83 / 11  
 NAD83  
 Scale: 1" = 300'

### EXISTING MANNING'S COEFFICIENTS

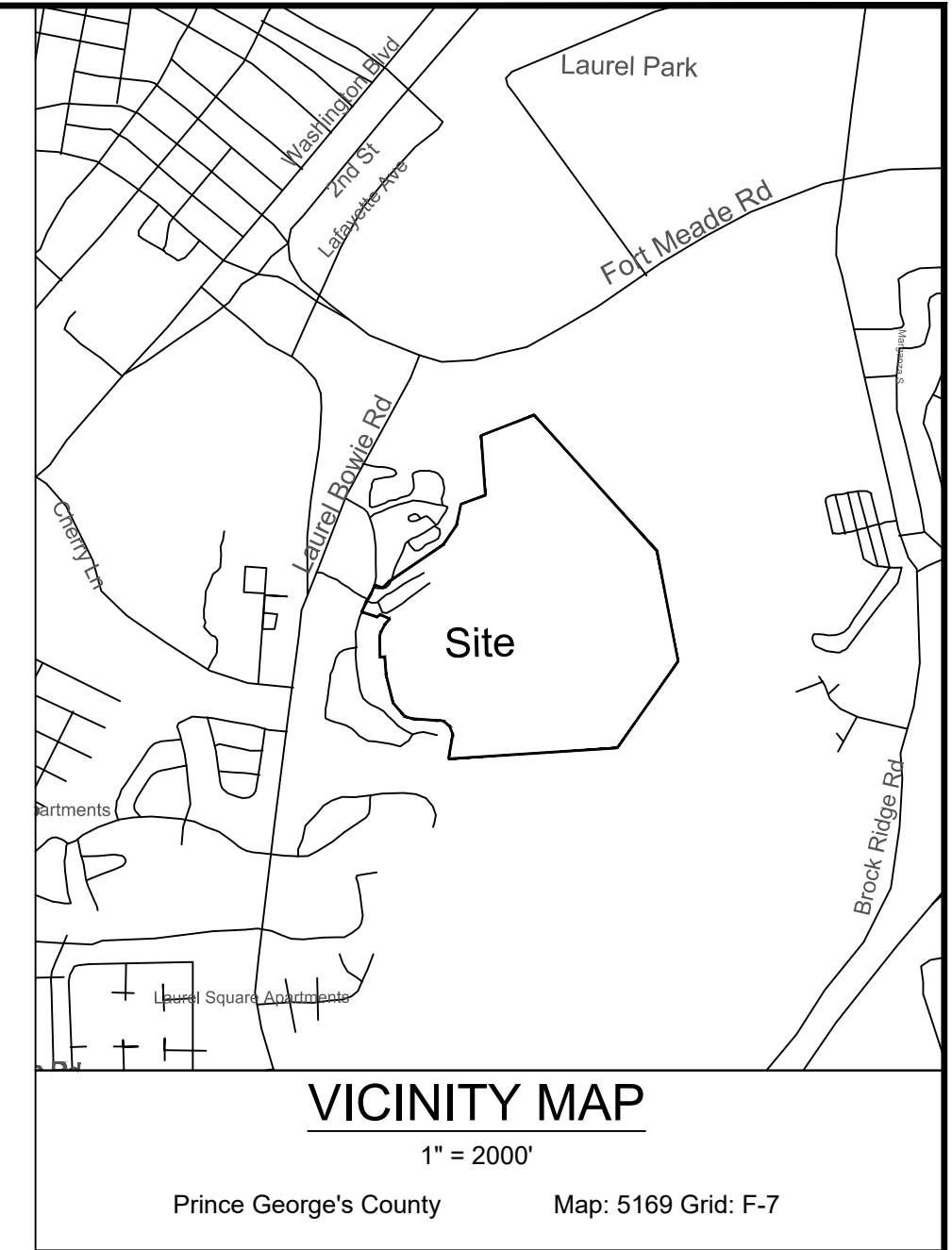
Edit Manning's n or k Values

River: Patuxent River

Reach: 1

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

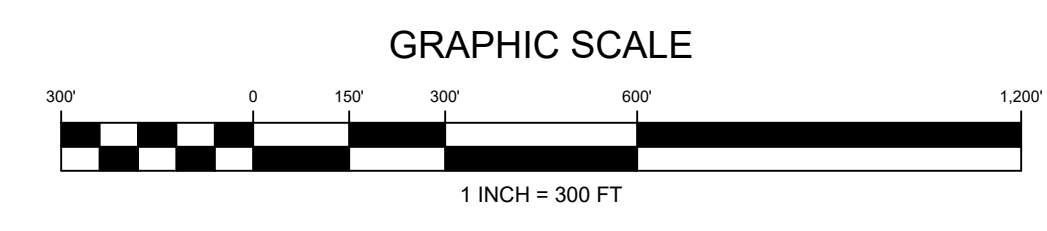
river Station	Frchm (n/K)	n #1	n #2	n #3	n #4	n #5	n #6	n #7
39 201119	n	0.1	0.03	0.1				
40 201058.7	n	0.1	0.035	0.1				
41 200115.4	n	0.1	0.035	0.1				
42 199538.0	n	0.1	0.035	0.08				
43 197535.6	n	0.04	0.1	0.035	0.08	0.035	0.05	
44 196530.8	n	0.1	0.035	0.08	0.035	0.055		
45 195256.8	n	0.1	0.035	0.08	0.035	0.055		
46 195831.1	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	0.08	0.055			
49 193357.9	n	0.1	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				



### 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
198538.0	129.80	129.98	129.85	0.05	-0.13
197535.6	128.17	129.03	128.24	0.07	-0.79
196530.8	125.75	128.17	125.48	-0.27	-2.69
196356.8	124.64	128.13	124.52	-0.12	-3.61
195831.1	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

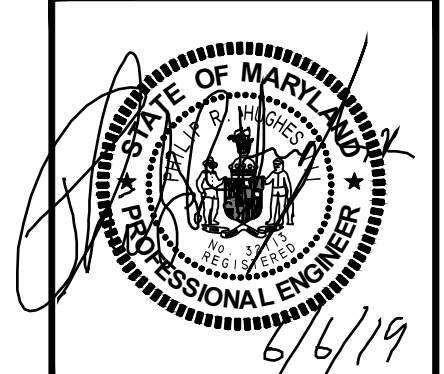
- ### LEGEND
- Property Boundary
  - Adjacent Property Boundary
  - Existing Stream Centerline
  - Revised Existing without Berm
  - Revised Existing with Berm
  - Existing FEMA Limits
  - Existing Minor Contour
  - Existing Major Contour
  - Wetland Buffer
  - Irrigation Pond
  - Ineffective Flow Boundary
  - Existing Floodplain
  - Existing Berm



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



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

## EXISTING CONDITIONS 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	

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: 1" = 300'  
 JOB No. 1262A  
 DATE: JUNE 2019  
 SHEET No. 1 of 1

PRELIMINARY NOT FOR CONSTRUCTION