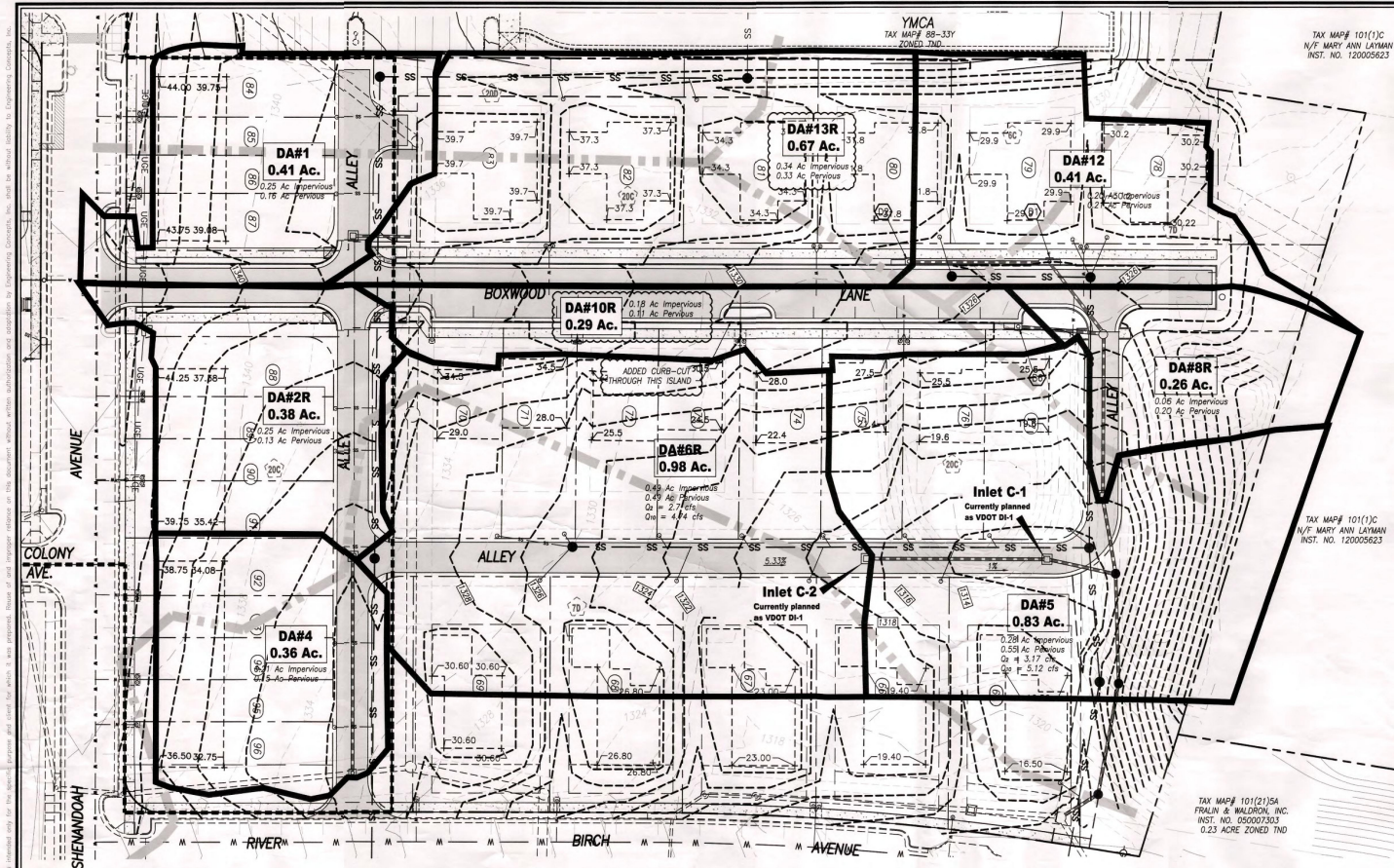




TAX MAP# 101(1)C
N/T MARY ANN LAYMAN
INST. NO. 120005623

TAX MAP# 101(1)C
N/T MARY ANN LAYMAN
INST. NO. 120005623

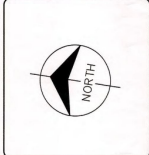
TAX MAP# 101(2)SA
FRAN & WALDRON, INC.
INST. NO. 050007353
0.23 ACRE ZONED TND

Hydrograph Return Period Recap

Hydrograph Hydrologic Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v12

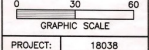
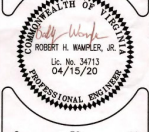
Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	SCS Runoff	---	0.173	0.335	0.173	---	0.981	---	---	2.434	DA#1
2	SCS Runoff	---	1.114	1.401	1.114	---	2.280	---	---	3.957	DA#2R
3	SCS Runoff	---	1.327	1.610	1.327	---	2.453	---	---	4.004	DA#4
4	Combine	1, 2, 3	2.595	3.330	2.595	---	5.689	---	---	10.36	Alley Flow to Ex. Line D
5	SCS Runoff	---	3.364	4.132	3.364	---	6.438	---	---	10.69	DA#6R
6	SCS Runoff	---	2.535	3.168	2.535	---	5.118	---	---	8.754	DA#5
7	Combine	5, 6	5.882	7.301	5.882	---	11.56	---	---	19.45	Middle Alley
8	SCS Runoff	---	0.730	0.925	0.730	---	1.529	---	---	2.671	DA#8R
9	SCS Runoff	---	1.561	2.039	1.561	---	3.543	---	---	6.473	DA#13R
10	SCS Runoff	---	0.908	1.196	0.908	---	2.108	---	---	3.894	DA#12
11	Combine	9	2.723	3.422	2.723	---	5.605	---	---	9.770	Boxwood Lane
12	Combine	8, 10, 11	4.382	5.543	4.382	---	9.236	---	---	16.34	Alley South
13	Combine	7, 12	10.25	12.83	10.25	---	20.79	---	---	36.78	Outlet to Ex BS-81

ENGINEERING CONCEPTS, INC.
84 GREENFIELD STREET
DALEVILLE, VIRGINIA 24083
540.473.1253



Date	04/15/20
Description	ADJUST LOT GRADIES
No.	1

DALEVILLE TOWN CENTER PH 3
BOTETOURT CO. - VIRGINIA
BOXWOOD LANE
DRAINAGE MAP



PROJECT: 18038
C06