

Application for Re-Approval or Revision of a Site Plan

TOWN PLANNING & ZONING COMMISSION

Alford Associates, Inc., c/o Christian Alford Name of Applicant 860-688-7288 ext. 12 Phone #

P.O. Box 484, 200 Pigeon Hill Rd., Windsor, CT 06095 Applicant's Address calford@snet.net E-mail Address

Are you the... [X] Owner [] Optionee [] Buyer [X] Agent [] Other

If other please explain:

SROA 610 Pigeon Hill CT, LLC d/b/a Storage Rentals of America Owner(s) of Record (if other than applicant) 561-722-4706 or 561-631-9555 Phone #

Benjamin S. Macfarland III, Authorized Signatory 2751 South Dixie Highway, Suite 450, West Palm Beach, FL 33405 Owner's Address bsm@sroa.com & beau@sroa.com E-mail Address

Please Indicate: [] Re-Approval [X] Revision to an approved application [] Revision for Sec 3.9 Staff Approval

610 Pigeon Hill Road Address of Subject Parcel "I"; Industrial Zone

0 Additional # of Dwelling Units 0 Originally Approved # of Dwelling Units

24,000 sq. ft. Additional Non-Residential Floor Area 41,000 +/- sq. ft. Originally Approved Non-Residential Floor Area

Please Describe the Nature of the Requested Change: Proposal is to construct a climate controlled self storage building within a gravel area currently being used for outside storage of recreational vehicles.

Christian Alford Applicant's Signature 9/27/2023 Date

[Signature] Owner's Signature 9/26/2023 Date

Office Use Only*****

Fee \$ 490 Ck. No. 3295 App. rec'd by: [Signature] Comm. Action/Date:



Alford
ASSOCIATES, INC.

CIVIL ENGINEERS

WINDSOR, CONNECTICUT

WILSON M. ALFORD, JR., P.E. & L.S.
CHRISTIAN L. ALFORD P.E. & L.S.

STORM SEWER SYSTEM DESIGN

Storage Rentals of America

610 Pigeon Hill Rd, CT

STRUCTURE	AREA		"C"		A*C		Tc		I		Q		PIPE SIZE	PIPE SLOPE %	PIPE LENGTH FEET	PIPE CAPACITY C.F.S.	VELOCITY FULL FLOW FT/SEC	VELOCITY DISCHARGE FT/SEC
	INC	TOT	INC	TOT	INC	TOT	INC	TOT	INC	TOT	INC	TOT						
Roof #1	0.28		0.90	0.25		5	9.04		2.28									
YD#1	0.30	0.28	0.30	0.09	0.25	15	5.02	9.04	0.45	2.28	1.05%	308	2.44	4.47				
YD#2		0.58			0.34	15	5.02				0.50%	94	4.96	4.04				
Roof #2	0.28		0.90	0.25		5	9.04		2.28									
YD#2	0.00	0.28	0.00	0.00	0.25	5	9.04	9.04	0.00	2.28	1.03%	308	2.42	4.43				
FE#1		0.86			0.59	15	5.02				0.50%	84	4.96	4.04				

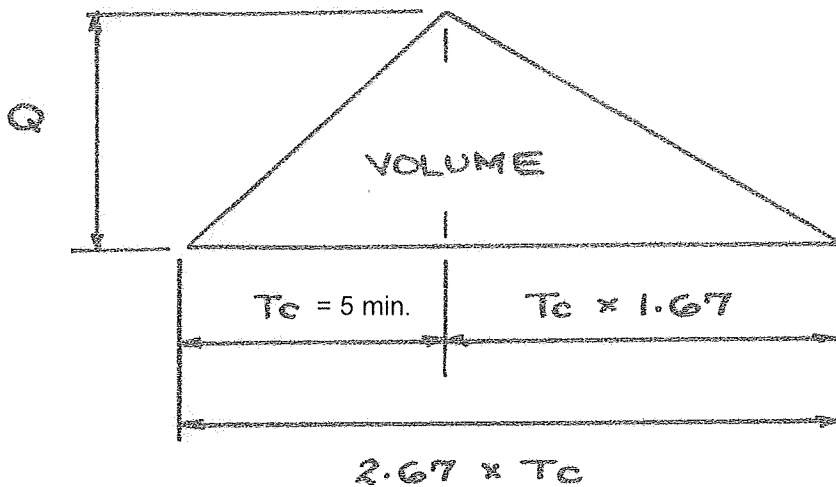
VOLUME OF DISCHARGE

PROJECT: Storage Rentals of America

LOCATION: 610 Pigeon Hill Road



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$Q = ACI$

A = ACRES

"C" = WEIGHTED "C"

I = INTENSITY *
(25 YR. STORM)

A = 1.4 ACRES

"C" = $\frac{\text{EXISTING}=0.87}{\text{PROPOSED}=0.73}$

I = 9.04

$Q = \frac{1.4}{A} \times \frac{\text{EX}=0.87}{\text{PR}=0.73} \times \frac{9.04}{I}$

EX=11.01
PR=9.24

= C.F.S.

$\text{VOLUME} = \frac{1}{2} \times \frac{\text{EX}=11.01}{\text{PR}=9.24} \text{ CFS} \times 2.67 \times \underline{5} (\text{Tc}) \times 60 = \frac{\text{EX}=4409}{\text{PR}=3700} \text{ c.f.}$

VOLUME OF DISCHARGE FROM SITE

BEFORE DEVELOPMENT : 4409 c.f.

AFTER DEVELOPMENT : 3700 c.f.