

Building #:	Building Area: (S.F.)	Number of Offices/Bathrooms	Office Area (S.F.)	Bathroom Area (S.F.)	Storage Area (S.F.)	Parking Provided.
Building 1	7,000	6	480.00	292.50	6,227.50	6 + 5
Building 2	11,934	9	720.00	438.75	10,775.25	11 + 8
Building 3	11,960	8	640.00	390.00	10,930.00	11 + 8

PROPOSED HYDRAULIC LOADING FOR PROJECT:						
USE:	TOTAL AREA (S.F.)	OFFICE SPACE (S.F.)	STORAGE SPACE (S.F.)	NUMBER OF EMPLOYEES	HYDRAULIC LOADING (GPD)	DESIGN FLOW (GPD)
BUILDING #1: OFFICE SPACE	7,000	480	6,520	6	15 GPD/EMPLOYEE	90
BUILDING #2: OFFICE SPACE	11,934	720	11,214	9	15 GPD/EMPLOYEE	135
BUILDING #3: OFFICE SPACE	11,960	640	11,320	8	15 GPD/EMPLOYEE	120
TOTAL:	30,894	1,840	29,054	23	345*(0.8 LDF FLOW) =	345 276

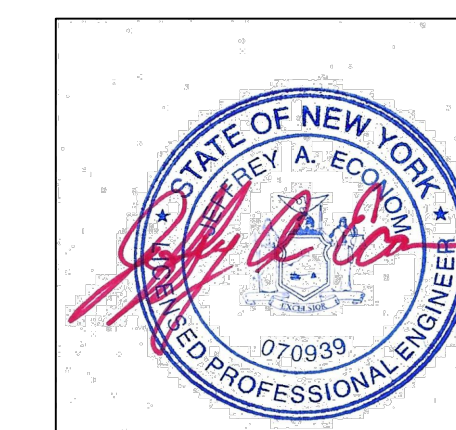
276/0.8 APPLICATION RATE = 345 SAY 350 L.F.
TRENCH LENGTH = 350/2 = 175*(0.75 INFILTRATOR SAVING) - 131.25 L.F., SAY 150
3 LATERALS @ 50 L.F. EACH
SEPTIC TANK SIZE: 1,500 GALLON CONCRETE SEPTIC TANK

1-1/4" IRON PIPE SET
6" ABOVE GRADE

LANDS NOW OR FORMERLY
ISABELLE & FREDERICK BROWN
SECTION 103.1, BLOCK 1, LOT 1
LIBER 4049 PAGE 44
361 PERKINSVILLE ROAD

LANDS NOW OR FORMERLY
JOSEPH P. RUSSO
SECTION 103.1, BLOCK 1, LOT 2.1
LIBER 1312 PAGE 877
2011-2019 ROUTE 9W

LANDS NOW OR FORMERLY
DESMOND WALKER
 SECTION 95.4, BLOCK 1, LOT 18
 LIBER 5815 PAGE 79
 3945 ROUTE 9W



	UTILITY POLE
	OVERHEAD UTILITY LINES
	ANCHOR
	CULVERT
	STONEWALL
	PROPOSED PVC - SCH. 80 ELECTRIC/TELECOMMUNICATION CONDUIT BANK
	PROPOSED WATER MAIN
	PROPOSED SANITARY SEWER
	PROPOSED STORM DRAIN LINE
	PROPOSED BUILDING
	PROPOSED GRAVEL PARKING
	PROPOSED GRASS/LANDSCAPING

UNAUTHORIZED ALTERATIONS OR ADDITIONS
TO THIS DRAWING IS A VIOLATION OF
SECTION 7209(2) OF NYS EDUCATION LAW.

5	FIRE DEPARTMENT COMMENTS	8/28/20	
4	TOWN ENGINEER'S COMMENTS	8/3/24	
3	REVISED PLANS FROM CONVEYANCE STORAGE TO FLEX STORAGE	5/18/24	
2	REMOVED GAS MAIN FROM PLAN PER CHOE REQUEST	3/21/24	
1	ADDITION OF UTILITIES AND UTILITY NOTES	3/4/24	
No.	Revision/Issue	Date	

JEFFREY A. ECONOM, P.E.
CONSULTING ENGINEER
48 LOGANBERRY COURT
HOPEWELL JUNCTION, N.Y. 12533
PHONE: (845) 554-8442
EMAIL: jaeconom@optonline.net

PROPOSED SITE PLAN FOR
OFFICE/WAREHOUSE FACILITY
for
THE TERRA GROUP, LLC
2021-2025 ROUTE 9W
MARLBOROUGH, NY 12542

Project c:\jobs\23-10\ ROUTE 9W SELF STORAGE SITE PLAN.DWG	Sheet
Date 07-24-23	C-2
Scale AS NOTED	

C-2