

December 11, 2023

Tenisha Victor Vice President of New and Expanding Markets Ayr Wellness 2601 South Bayshore Drive Suite 900 Miami, FL 33133

Re: Site Traffic Assessment

**Proposed Cannabis Dispensary** 

417 Shippan Avenue Stamford, Connecticut

Dear Ms. Victor:

The site is located on the west side of Shippan Avenue in a multi-use shopping center, between Park Street to the north and Seaview Avenue to the south. The floor space that will be devoted to the subject use is located on the first floor of the two story building located at the south end of the subject parcel which previously housed the Bank of America on the first floor to now be occupied by the proposed dispensary. The site in the immediate vicinity of the subject building is served by three two-way site drives intersecting the west side of Shippan Avenue, with several rows of parking spaces, all of which may accommodate the patrons of the subject facility.

Please refer to Exhibit 1 of the Appendix which locates this site with respect to the surrounding roadway network.

### **Traffic Conditions**

Shippan Avenue is a bi-directional city street running north-south in the vicinity of the subject site, with one northbound and one southbound lane, and on-street parking along the east edge to support the municipal athletic across the street.

Please refer to Exhibit 2 of the Appendix which shows a view of the site from Shippan Avenue, where there are three site drives serving rows of parking areas in the shopping center in which the subject building is located.

We understand from your findings that there is ample parking supply in this area of the shopping center to accommodate your needs.

A review of Connecticut Department of Transportation (CTDOT) data for Shippan Avenue, which is limited in detail, indicates that Shippan Avenue in the vicinity of the subject site carries about 5,100 two-way vehicles per day, and that Shippan Avenue is posted at 25 miles per hour in both directions.

### Site Plan

Please refer to Exhibit 3 in the Appendix which shows a copy of the proposed site plan.

The footprint of the existing building will essentially remain the same and is located along the south side of the parcel. The parking areas that will accommodate patrons to this site are located to the north of the building with three site drives located at the eastern end of the parcel which directly interfaces with the west side of Shippan Avenue.

### Floor Plan Layout

Please refer to Exhibit 4 in the Appendix which shows a copy of the proposed floor plan for the space that will be devoted to the subject use.

In all, the devoted space will consist of 2,050 square feet of gross floor area, wherein it is the gross floor area of the specific use that is typically utilized in calculating the estimated trip generation estimates below.

### **Trip Generation**

In estimating the likely trip generation associated with the proposed cannabis dispensary use, we utilized the trip generation calculations that are made available to the traffic engineering profession by the Institute of Transportation Engineers (ITE) in its data source entitled <u>Trip Generation Manual</u>.

This document provides trip generation equations derived from sources from throughout the country for various land uses based on the size of an independent variable. For most land uses, as with the subject dispensary, that independent variable is the size of the space devoted to the use, typically the gross floor area of the space allotted to the use.

Please refer to Table A on the next page which summarizes the trip generation estimates for various time periods based on the trip generation calculations summarized in Exhibit 5 of the Appendix for ITE Land Use Code No. 882.

A review of Table A indicates that the expected trip generation for the proposed cannabis dispensary use would vary between 21 to 75 vehicles per hour over the course of a typical day. As a "worse case", 75 vehicles per hour would convert to a maximum of 1.25 vehicles per minute which can certainly be accommodated by the three site drives at their interface with Shippan Avenue with no adverse consequence.

### Site Traffic Evaluation

As a follow-up to this traffic assessment if required by municipal officials for their review of the subject proposal, we plan to conduct manual turning movement counts at the three immediate site drives serving the shopping center in proximity to the proposed site, to superimpose our trip generation estimates for the subject development, and to perform traffic operations analyses to assess the impact of the proposed re-use of the subject space as a cannabis dispensary.



Very truly yours, Bubaris Traffic Associates

James G. Bubaris, P.E. President Conn. Reg. No. 9203

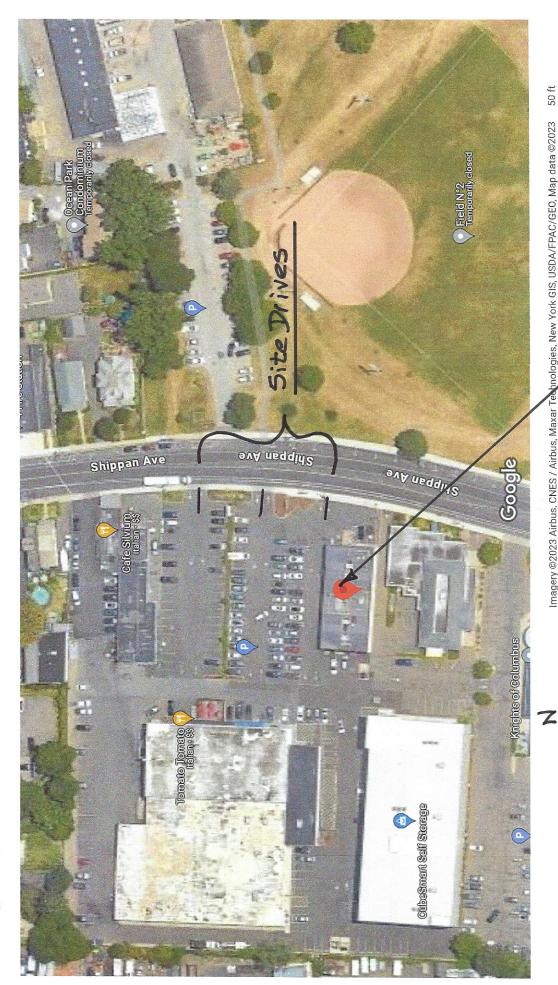
# Site Traffic Assessment Proposed Cannabis Dispensary 417 Shippan Avenue Stamford, Connecticut

## **APPENDIX**

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Exhibit 1
Location Map
Proposed Cannabis Dispensary
417 Shippan Avenue
Stamford, Connecticut



Imagery ©2023 Airbus, CNES / Airbus, Maxar Textnologies, New York GIS, USDA/FPAC/GEO, Map data ©2023

Exhibit 2
View of Site from Shippan Avenue
417 Shippan Avenue
Stamford, Connecticut

# 400 Shippan Ave



Exhibit 3
Site Plan
Proposed Cannabis Dispensary
417 Shippan Avenue
Stamford, Connecticut

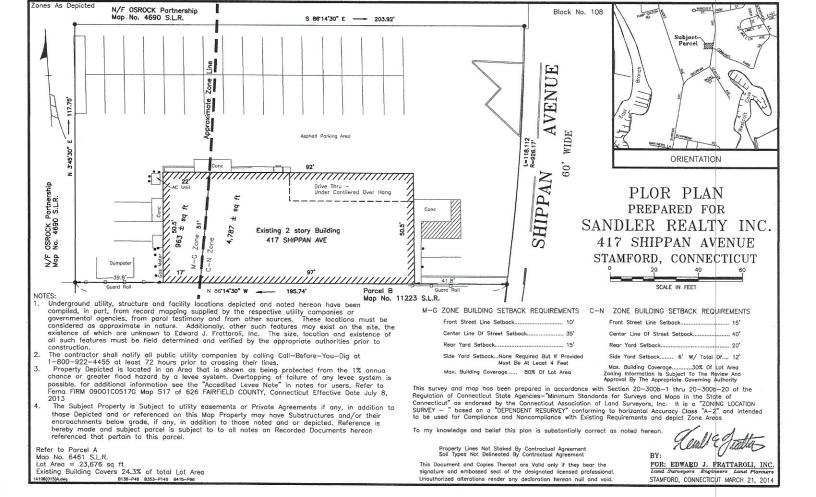


Exhibit 4
Proposed Floor Plan
Proposed Cannabis Dispensary
417 Shippan Avenue
Stamford, Connecticut

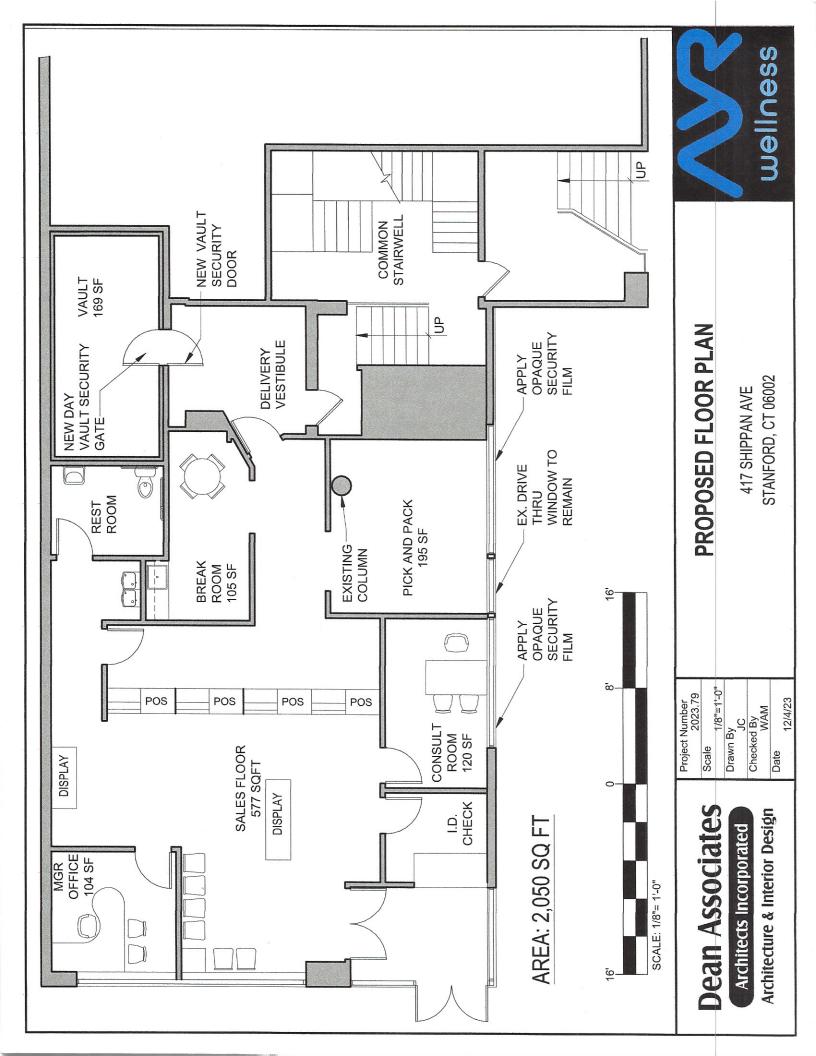


Exhibit 5
Trip Generation Calculations
Proposed Cannabis Dispensary
417 Shippan Avenue
Stamford, Connecticut

Detailed Land Use Data

For 2.05 1000 Sq. Ft. GFA of MARIJDISP 1 ( 882 ) Marijuana Dispensary

Project: Shippan Cannabis Stamford

Open Date: 12/9/2023 Analysis Date: 12/9/2023 R2

Day / Period	Total Trips	Pass-By Trips	Avg Rate	Min Rate	Max Rate	Std	Avg Size	% Enter	8% Exit	Use Eq. Equation	
Weekday Average Daily Trips Source: Trip Generation Manual 10th Edition	518	<b>o</b> .	252.7	79.74	791.22	336.11	2	90	50	False	
Weekday AM Peak Hour of Generator Source: Trip Generation Manual 10th Edition	43	0	20.88	6.33	63.51	26.07	0	52	84	False	
Weekday AM Peak Hour of Adjacent Street Traffic Source: Trip Generation Manual 10th Edition	21	0	10.44	1.17	31.08	4	0	56	44	False	
Weekday PM Peak Hour of Generator Source: Trip Generation Manual 10th Edition	61	0	29.93	5.88	128.38	41.69	0	50	90	False	
Weekday PM Peak Hour of Adjacent Street Traffic Source: Trip Generation Manual 10th Edition	45	0	21.83	2.94	98.65	27.36	7	50	90	False	
Saturday Average Daily Trips Source: Trip Generation Manual 10th Edition	532	0	259.31	75.34	852.03	364.24	0	50	90	False	
Saturday Peak Hour of Generator Source: Trip Generation Manual 10th Edition	75	0	36.43	10.85	118.92	50.44	2			False	

Source: Institute of Transportation Engineers, Trip Generation Manual 10th Edition

# **Trip Generation Summary**

Alternative: Alternative 1

Phase:

Project:

Shippan Cannabis Stamford

12/9/2023 Open Date:

12/9/2023 Analysis Date:

	W	Weekday Average Daily Trips	rage Daily	Trips		Sat	Saturday			Su	Sunday	
ITE_Land Use	*	Enter	Exit	Total	*	Enter	Exit	Total	*	Enter	Exit	Total
882 MARIJDISP 1		259	259	518		266	266	532				0
2.05 1000 Sq. Ft. GFA												
Unadjusted Volume		259	259	518		266	266	532		0	0	0
Internal Capture Trips		0	0	0		0	0	0		0	0	0
Pass-By Trips		0	0	0		0	0	0		0	0	0
Volume Added to Adjacent Streets		259	259	518		266	266	532		0	0	0

Total Weekday Average Daily Trips Internal Capture = 0 Percent

Total Saturday Internal Capture = 0 Percent

Total Sunday Internal Capture = 0 Percent

Custom rate used for selected time period.

# **Trip Generation Summary**

12/9/2023 12/9/2023

Analysis Date: Open Date:

Alternative: Alternative 1

Phase:

Project:

Shippan Cannabis Stamford

	5	Weekday AM Peak Hour of Adjacent Street Traffic	A Peak Ho Street Traf	ur of fic	>	Weekday AM Peak Hour of Generator	ay AM Peak Ho Generator	ur of	3	Weekday PM Peak Hour of Adjacent Street Traffic	Peak Ho	ur of	×	Weekday PM Peak Hour of Generator	Peak Hou	ır of
ITE Land Use	*	Enter	Exit	Total	*	Enter	Exit	Total	*	Enter	Exit	Total	*	Enter	Exit	Total
882 MARIJDISP 1		12	თ	21		22	21	43		23	22	45		31	30	61
2.05 1000 Sq. Ft. GFA																
Unadjusted Volume		12	6	21		22	21	43		23	22	45		31	30	61
Internal Capture Trips		0	0	0		0	0	0		0	0	0		0	0	0
Pass-By Trips		0	0	0		0	0	0		0	0	0		0	0	0
Volume Added to Adjacent Streets		12	6	21		22	21	43		23	22	45		31	30	61

Total Weekday AM Peak Hour of Adjacent Street Traffic Internal Capture = 0 Percent

Total Weekday AM Peak Hour of Generator Internal Capture = 0 Percent

Total Weekday PM Peak Hour of Adjacent Street Traffic Internal Capture = 0 Percent

Total Weekday PM Peak Hour of Generator Internal Capture = 0 Percent

### **Trip Generation Summary**

Alternative: Alternative 1

Phase: Project:

Shippan Cannabis Stamford

Open Date: 12/9/2023

Analysis Date:

12/9/2023

Saturday	Peak	Hour	of	Generator
Catalaay	1 Can	Hour	vı	Generator

Sunday Peak Hour of Generator

ITE Land Use	*	Enter	Exit	Total	*	Enter	Exit	Total
882 MARIJDISP 1 2.05 1000 Sq. Ft. GFA				75				0
Unadjusted Volume		0	0	0		0	0	0
Internal Capture Trips		0	0	0		0	0	0
Pass-By Trips		0	0	0		0	0	0
Volume Added to Adjacent Streets		0	0	0		0	0	0

Total Saturday Peak Hour of Generator Internal Capture = 0 Percent Total Sunday Peak Hour of Generator Internal Capture = 0 Percent

<sup>\* -</sup> Custom rate used for selected time period.