

MEMORANDUM

TO: Mobility Division, City of Somerville
FROM: Jason Adams, P.E., PTOE - McMahon Associates
DATE: December 14, 2021
RE: Liberty Cannabis - Adult Use Conversion
304 Somerville Avenue
Somerville, MA 02143
Transportation Access Plan

This technical memorandum, prepared by McMahon Associates (McMahon), accompanies and summarizes the attached Transportation Access Plan for the conversion of Liberty Cannabis located at 304 Somerville Avenue to an Adult Use Dispensary (the “Project”) on behalf of Holistic Industries (the “Proponent”).

PROJECT OVERVIEW

The Project would continue to utilize the existing approximately 3,000 square foot building at 304 Somerville Avenue and would not propose any physical changes to the public right-of-way adjacent to the project site. Bicycle parking for four bicycles is proposed to be installed on Proponent property adjacent to the existing site driveway gate (two in front of the gate near the side door for customers and two in back of the gate for employees).

ILLUSTRATIVE PLAN

The Illustrative Plan attached provides a depiction of the ground level floor plan including delineation of different uses of space within the existing building under the proposed condition.

TRANSPORTATION ELEMENTS PLAN

The Transportation Elements Plan denotes transportation infrastructure adjacent to the site along Somerville Avenue. As mentioned above, no changes to the public right of way are proposed as part of the Project and thereby, all noted elements are existing and are proposed to remain.

PEDESTRIAN ACCESS PLAN

Access to the site would continue to be primarily pedestrian-oriented, with two primary entrances to the building from the sidewalk along Somerville Avenue. A 7.5-foot-wide concrete walkway is proposed to replace existing pavers adjacent to the building access point on the

driveway side of the building. Additional entrances would be from the site driveway and would be restricted to employees and deliveries. Transit users would access the site through the same entrances as pedestrians, with a comprehensive sidewalk network outside the site connecting directly to all nearby transit stops.

BICYCLE PARKING PLAN

Bicycle users would access the site via the bicycle lane along Somerville Avenue. Bicycle parking is already available adjacent to the property, and parking for four additional bicycles would be provided adjacent to the existing site driveway gate. The proposed location of the bicycle parking is shown in the attached bicycle parking plan.

MOTOR VEHICLE PARKING PLAN

The Project site currently provides limited vehicle access and parking, restricted to the small parking area accessible via a driveway from Somerville Avenue. Currently, this parking is limited to employees or leased to employees of the nearby bank. As is the case for the existing business, no customer parking would be provided on site. The existing site driveway also provides access to a small loading area. Delivery maneuvers into and out of this loading area are described below.

VEHICLE MOVEMENT PLAN

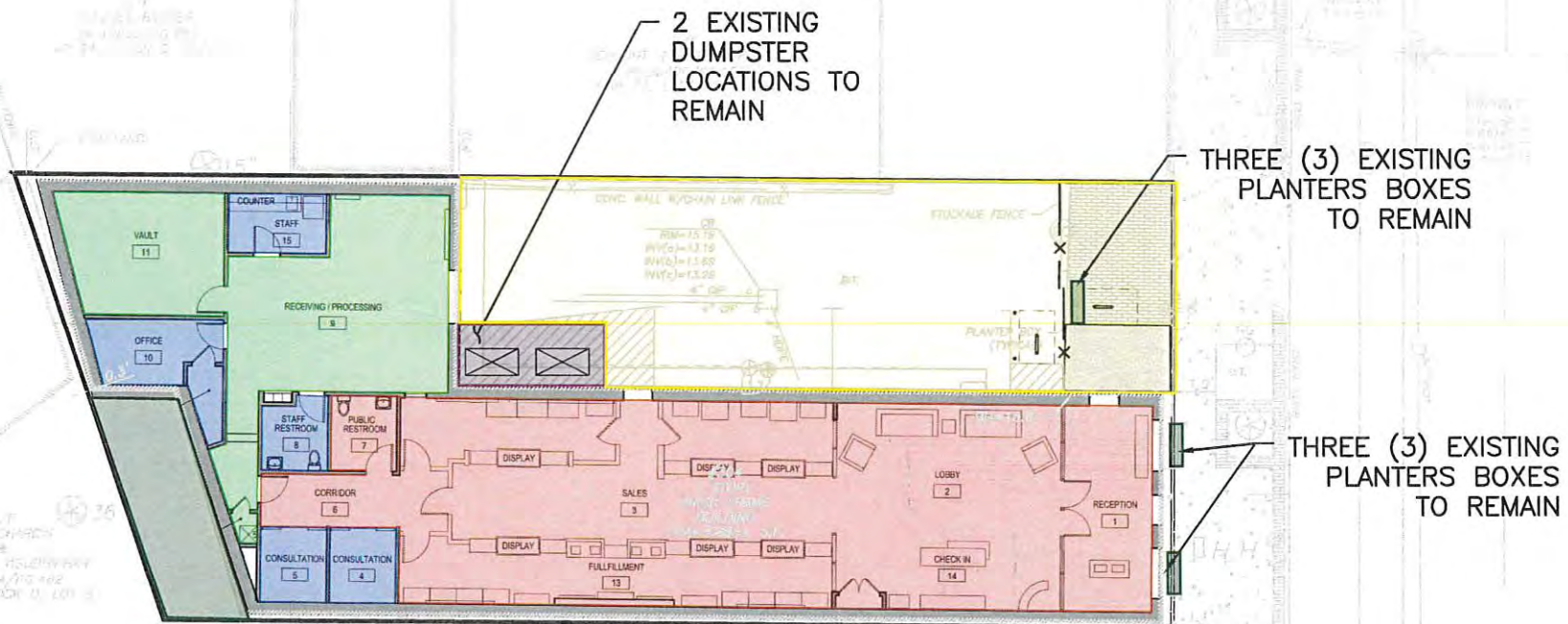
Deliveries to the Project site are proposed to continue to utilize the small loading area located behind the existing site driveway gate. Deliveries would continue to be made utilizing light commercial vans, approximately 25 feet in length, and would access the building doors located behind the gate. As shown in the Vehicle Movement Plan, delivery vehicles would back into the site driveway from Somerville Avenue to access the loading area and then exit by pulling forward through the site driveway back onto Somerville Avenue. Garbage removal would also be completed by a garbage truck which would back into the site driveway from Somerville Avenue to access the area behind the gate and then exit via the same site driveway, pulling forward onto Somerville Avenue.

SITE PLAN SUMMARIES

The following site plans, summarized below and included in whole in the following pages, are included as part of this Transportation Access Plan.

- C-101: Illustrative Plan
- C-102: Transportation Elements Plan
- C-103: Pedestrian Access Plan
- C-104: Bicycle Parking Plan
- C-105: Motor Vehicle Parking Plan
- C-106: Vehicle Movement Plans

SHEET NO. C-101: ILLUSTRATIVE PLAN



SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



Carlton M. Quinn 12.9.21

PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

- RETAIL AREA
- OFFICE/EMPLOYEE AREA
- LOADING/STORAGE AREA
- TRASH/DUMPSTER AREA
- ACCESS/LOADING AREA
- LANDSCAPE/OPEN SPACE AREA

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.
2. ILLUSTRATIVE PLAN BASED ON FLOOR PLAN PROVIDED BY DB2 ARCHITECTURE, DATED OCTOBER 4, 2021

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_LAYOUT & MATERIALS.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



ALLEN & MAJOR ASSOCIATES, INC.

civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA • LAKEVILLE, MA • MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENTS REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

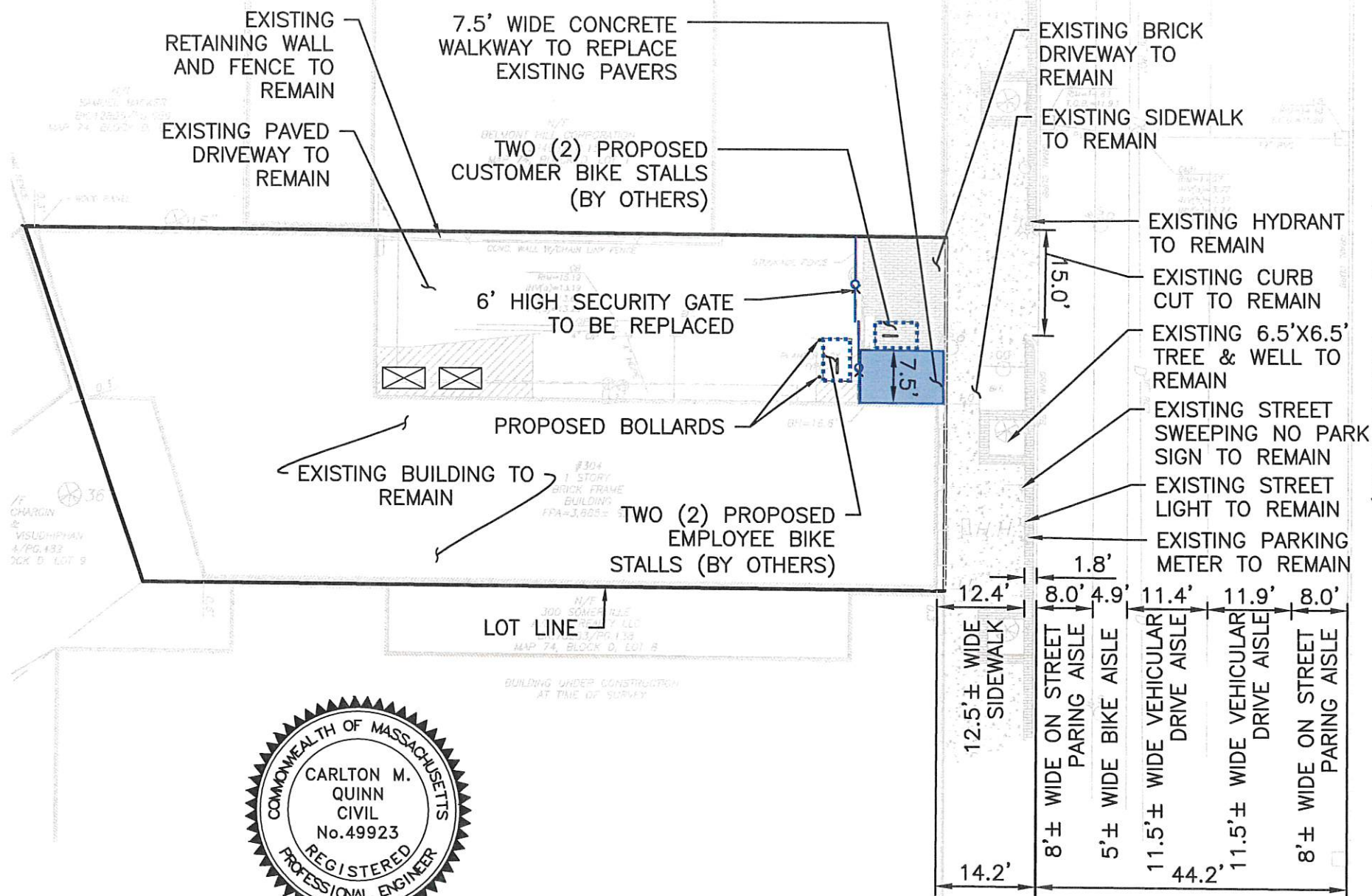
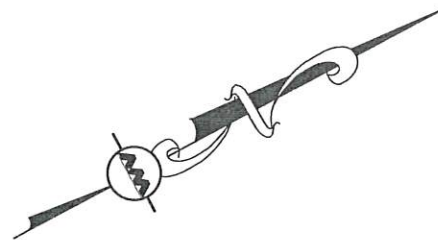
ILLUSTRATIVE PLAN

SHEET No.

C-101

Copyright©2021 Allen & Major Associates, Inc.
All Rights Reserved

SHEET NO. C-102: TRANSPORTATION ELEMENTS PLAN

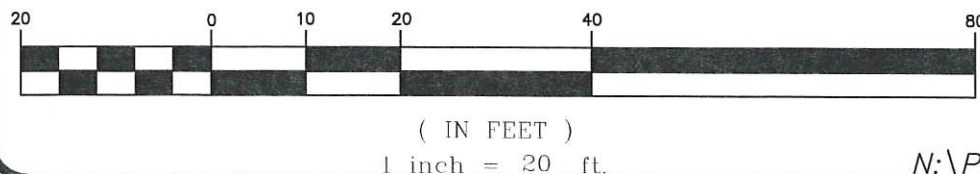


SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



Carlton M. Quinn 12.9.21
PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.
2. SEE BICYCLE AND MOTOR VEHICLE PARKING PLANS "PARKING SUMMARY CHART" FOR PARKING REGULATIONS.

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_LAYOUT & MATERIALS.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering ♦ land surveying
environmental consulting ♦ landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA ♦ LAKEVILLE, MA ♦ MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENTS REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

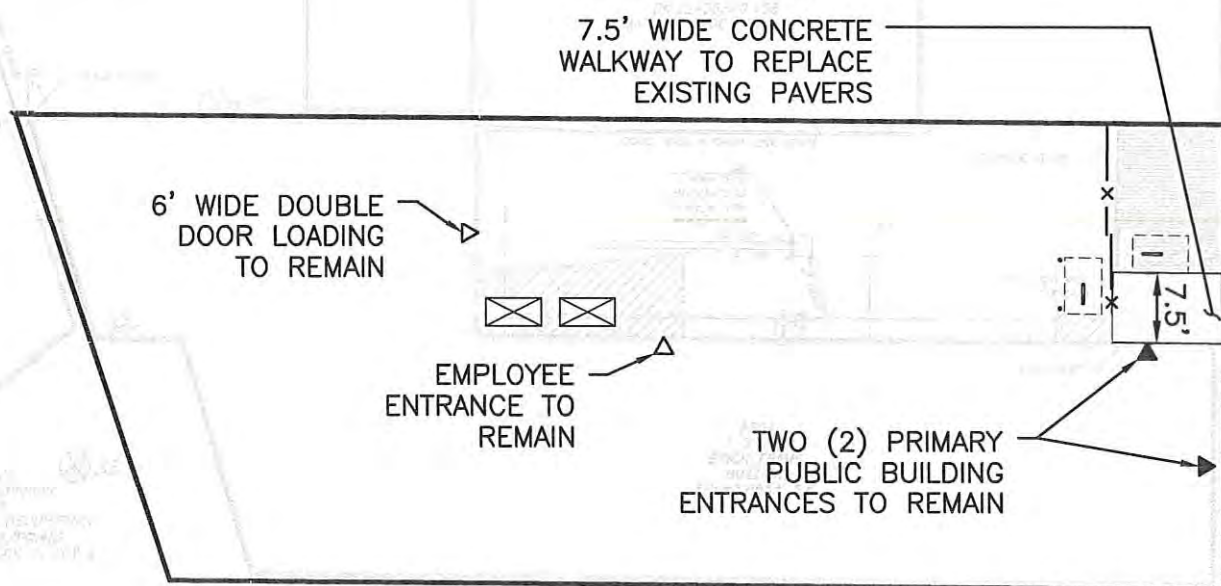
TRANSPORTATION
ELEMENTS PLAN

SHEET No.

C-102

Copyright © 2021 Allen & Major Associates, Inc.
All Rights Reserved

SHEET NO. C-103: PEDESTRIAN ACCESS PLAN

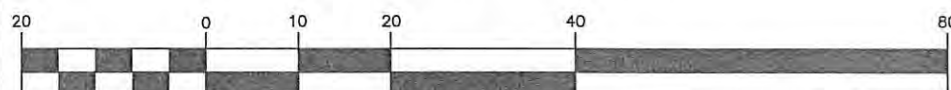


SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.
2. ILLUSTRATIVE PLAN BASED ON FLOOR PLAN PROVIDED BY DB2 ARCHITECTURE, DATED OCTOBER 4, 2021

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01 LAYOUT & MATERIALS.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA • LAKEVILLE, MA • MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENTS REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

PEDESTRIAN ACCESS PLAN

SHEET No.

C-103

Copyright © 2021 Allen & Major Associates, Inc.
All Rights Reserved

SHEET NO. C-104: BICYCLE PARKING PLAN

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.

➤-----➤ **BICYCLE ACCESS PATH**

TWO (2) PROPOSED
CUSTOMER BIKE STALLS
(BY OTHERS)

SECURITY GATE

TWO (2) PROPOSED
EMPLOYEE BIKE
STALLS (BY OTHERS)

TWO (2) EXISTING
BIKE STALLS TO
REMAIN

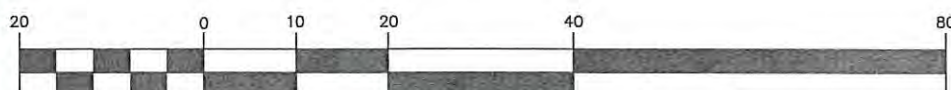
SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



Carlton M. Quinn
PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

12.9.21

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

PARKING SUMMARY CHART

USE:
CANNABIS RETAIL SALE (MR5 ZONING DISTRICT/WITHIN A TRANSIT AREA)

1.0 MOTOR VEHICLE SPACES PER 1,500 SQUARE FEET (MAXIMUM)
(3,885 S.F.) / (1.0 SPACES/1,500 S.F.) =2.6 SPACES
TOTAL OFF-STREET MAX VEHICLE PARKING REQUIREMENT =2.6 SPACES

1.0 SHORT TERM BICYCLE SPACE PER 2,500 SQUARE FEET (MINIMUM)
1.0 LONG TERM BICYCLE SPACE PER 10,000 SQUARE FEET (MINIMUM)

(3,885 S.F.) / (1.0 SPACES/2,500 S.F.) =1.6 SPACES (SHORT TERM)
(3,885 S.F.) / (1.0 SPACES/10,000 S.F.) =0.4 SPACES (LONG TERM)

MOTOR VEHICLE	BICYCLE	
STANDARD SPACES PROVIDED	SHORT TERM SPACES PROVIDED	LONG TERM SPACES PROVIDED
2	2	2

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_LAYOUT & MATERIALS.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



ALLEN & MAJOR ASSOCIATES, INC.

civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA • LAKEVILLE, MA • MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

BICYCLE PARKING PLAN

SHEET No.

C-104

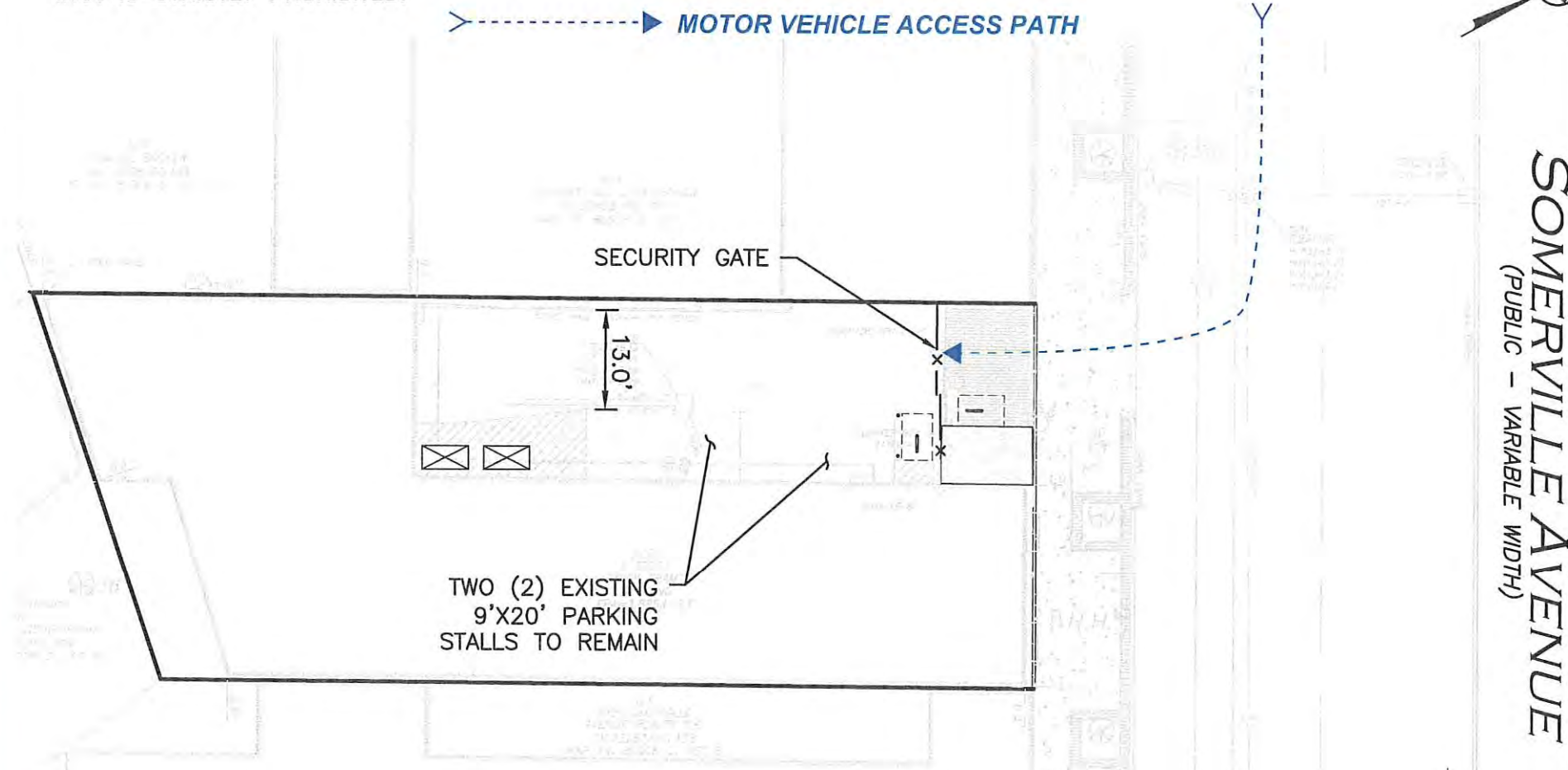
Copyright ©2021 Allen & Major Associates, Inc.
All Rights Reserved

SHEET NO. C-105: MOTOR VEHICLE PARKING PLAN

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.

➤-----➤ **MOTOR VEHICLE ACCESS PATH**



Carlton M. Quinn 12.9.21

PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)

1 inch = 20 ft

PARKING SUMMARY CHART

USE:

CANNABIS RETAIL SALE (MR5 ZONING DISTRICT/WITHIN A TRANSIT AREA)

1.0 MOTOR VEHICLE SPACES PER 1,500 SQUARE FEET (MAXIMUM)
(3,885 S.F.) / (1.0 SPACES/1,500 S.F.) = 2.6 SPACES

TOTAL OFF-STREET MAX VEHICLE PARKING REQUIREMENT = 2.6 SPACES

1.0 SHORT TERM BICYCLE SPACE PER 2,500 SQUARE FEET (MINIMUM)

1.0 LONG TERM BICYCLE SPACE PER 10,000 SQUARE FEET (MINIMUM)

(3,885 S.F.) / (1.0 SPACES/2,500 S.F.) = 1.6 SPACES (SHORT TERM)
(3,885 S.F.) / (1.0 SPACES/10,000 S.F.) = 0.4 SPACES (LONG TERM)

MOTOR VEHICLE	BICYCLE	
STANDARD SPACES PROVIDED	SHORT TERM SPACES PROVIDED	LONG TERM SPACES PROVIDED
2	2	2

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_LAYOUT & MATERIALS.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO. 3065-01 DATE: 12-09-2021

SCALE: 1"=20' DWG. NAME: C-3065-01

DESIGNED BY: CMQ CHECKED BY: CMQ

PREPARED BY:



ALLEN & MAJOR ASSOCIATES, INC.

civil engineering ♦ land surveying
environmental consulting ♦ landscape architecture

www.allenmajor.com
100 COMMERCE WAY, SUITE 5

WOBURN MA 01801-8501

TEL: (781) 935-6889

FAX: (781) 935-2896

WOBURN, MA ♦ LAKEVILLE, MA ♦ MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

MOTOR VEHICLE PARKING
PLAN

SHEET No.

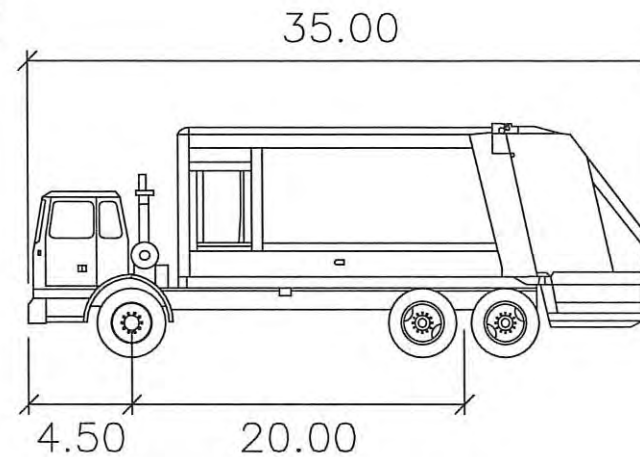
C-105

Copyright©2021 Allen & Major Associates, Inc.
All Rights Reserved

SHEET NO. C-106: VEHICLE MOVEMENT PLAN

GARBAGE TRUCK BACKS
INTO DRIVEWAY FROM
PUBLIC RIGHT-OF-WAY

SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



Trash Truck (Somerville)
feet

Width : 8.38
Track : 8.38
Lock to Lock Time : 6.0
Steering Angle : 49.0



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)

1 inch = 20 ft

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_VEHICLE MOVEMENT.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering ♦ land surveying
environmental consulting ♦ landscape architecture
www.allenmajor.com

100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501

TEL: (781) 935-6889

FAX: (781) 935-2896

WOBURN, MA ♦ LAKEVILLE, MA ♦ MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

SHEET No.

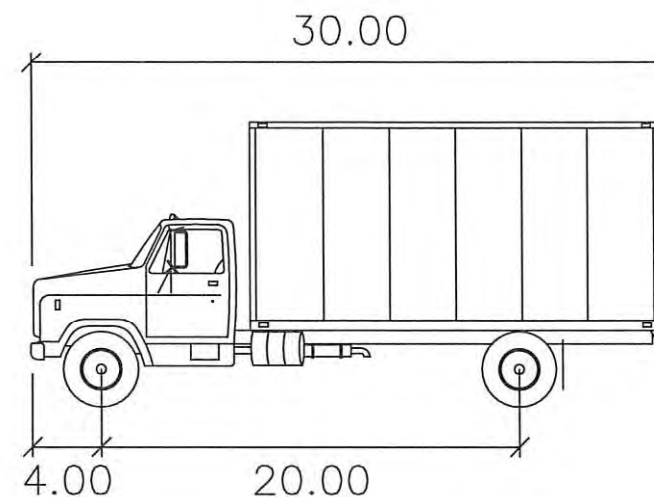
VEHICLE MOVEMENT PLAN

C-106A

Copyright © 2021 Allen & Major Associates, Inc.
All Rights Reserved

DELIVERY TRUCK
BACKS INTO DRIVEWAY
FROM PUBLIC
RIGHT-OF-WAY

SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



SU-30

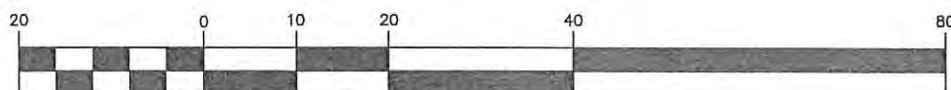
feet

Width : 8.00
Track : 8.00
Lock to Lock Time : 6.0
Steering Angle : 31.8



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)

1 inch = 20 ft

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_VEHICLE MOVEMENT.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering ♦ land surveying
environmental consulting ♦ landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA ♦ LAKEVILLE, MA ♦ MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

VEHICLE MOVEMENT PLAN

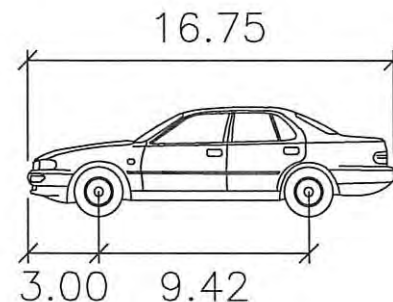
SHEET No.

C-106B

Copyright © 2021 Allen & Major Associates, Inc.
All Rights Reserved

PASSENGER
VEHICLE ENTERING
SITE AND PARKING

SOMERVILLE AVENUE
(PUBLIC - VARIABLE WIDTH)



Composite Passenger Vehicle

	feet
Width	: 6.33
Track	: 6.33
Lock to Lock Time	: 6.0
Steering Angle	: 26.4



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.

N:\PROJECTS\3065-01\CIVIL\DRAWINGS\CURRENT\C-3065-01_VEHICLE MOVEMENT.DWG

OWNER:

304 SOMERVILLE AVENUE, LLC
38 UNION SQUARE
SOMERVILLE, MA 02143

PROJECT:

LIBERTY CANNABIS
304 SOMERVILLE AVENUE
SOMERVILLE, MA
MAP 74 BLOCK D LOT 2

PROJECT NO.	3065-01	DATE:	12-09-2021
SCALE:	1"=20'	DWG. NAME:	C-3065-01
DESIGNED BY:	CMQ	CHECKED BY:	CMQ

PREPARED BY:



**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering ♦ land surveying
environmental consulting ♦ landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801-8501
TEL: (781) 935-6889
FAX: (781) 935-2896
WOBURN, MA ♦ LAKEVILLE, MA ♦ MANCHESTER, NH

THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMAT. CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BE PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO THE POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIED UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES, INC. MAY REMOVE ALL INDICATION OF THE DOCUMENT'S AUTHORSHIP ON THE DIGITAL MEDIA. PRINTED REPRESENTATIONS OR PORTABLE DOCUMENT FORMAT OF THE DRAWINGS AND SPECIFICATIONS SHALL BE THE ONLY RECORD COPIES OF ALLEN & MAJOR ASSOCIATES, INC.'S WORK PRODUCT.

DRAWING TITLE:

VEHICLE MOVEMENT PLAN

SHEET No.

C-106C

Copyright © 2021 Allen & Major Associates, Inc.
All Rights Reserved