REVOLUTIONARY CLINICS RMD

541 Massachusetts Avenue, Cambridge, MA 02139

OWNER:
Revolutionary Clinics, LLC

ARCHITECT:
Elton + Hampton Architects
103 Terrace Street
Roxbury, MA 02120
(617) 708-1071

PLUMBING, HVAC & ELECTRICAL ENGINEER:
CSI Engineering
125 Aviation Avenue
Suite 4
Portsmouth, NH 03801
(603) 319-8244

SECURITY:
Lan-Tel Communications, Inc.
1400 Providence Highway
Suite 3100
Norwood, MA 02062
(857) 939-8181

DRAWING LIST

Cover Page

A-000.00 Site Plan
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H1.0 HVAC Legend
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E1.0 Legends, Details, Notes & Abbreviations
E2.0 Lighting Plan - First Floor
E3.0 Power & Data Plan - First Floor
E3.1 Fire Alarm Plan - First Floor
E4.0 Panel Board Schedules
E4.1 Equipment Schedules
E5.0 Specifications

SEC-01 Proposed Security Plan

BUILDING CODE SUMMARY

USE/ OCCUPANCY		USE GROUP M _ MERCANTILE
BUILDING CODE	780 CMR	MASSACHUSETTS STATE BUILDING CODE (MSBC) - 9TH EDITION MSBC IS AMENDED VERSION OF 2015 IBC
OTHER APPLICABLE CODES		AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, 2010 EDITION
	521 CMR	MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (MAAB)
	NFPA-1	FIRE CODE, 2014 EDITION OF NEC
	NFPA-101	LIFE SAFETY CODE
	NFPA-70	NATIONAL ELECTRICAL CODE, 2017 EDITION
	NFPA-72	FIRE ALARM
	248 CMR	COMMONWEALTH OF MASSACHUSETTS FUEL GAS AND PLUMBING CODE
	IMC 2015	INTERNATIONAL MECHANICAL CODE
	IECC 2015	INTERNATIONAL ENERGY CONSERVATION CODE
	780 CMR	MA STRETCH CODE AMENDMENT: APPENDIX 115AA

CONSTRUCTION TYPE/ GENERAL BUILDING LIMITATIONS

CONSTRUCTION TYPE — TYPE IIIB

ITEM	ALLOWED	PROVIDED	COMMENTS
BUILDING HEIGHT	55'	15'-9"	IBC 2015: TABLE 504.3
BUILDING AREA (PER STORY)	12,500 SF	6025 SF	IBC 2015: TABLE 506.2

FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS

ITEM	REQUIRED	PROVIDED	COMMENTS
PRIMARY STRUCTURAL FRAME	0 HR	0 HR	IBC 2015: TABLE 601
LOADBEARING WALL (EXTERIOR)	2 HR	2 HR	IBC 2015: TABLE 601
LOADBEARING WALL (INTERIOR)	0 HR	1 HR	IBC 2015: TABLE 601
NON-LOADBEARING WALL	0 HR	1 HR	IBC 2015: TABLE 601
FLOOR CONSTRUCTION	0 HR	1 HR	IBC 2015: TABLE 601
ROOF CONSTRUCTION	0 HR	0 HR	IBC 2015: TABLE 601

MEANS OF EGRESS

ITEM	REQUIRED	PROVIDED	COMMENTS
MAXIMUM TRAVEL DISTANCE, GROUP M	200'	100'	IBC 2015: SECTION 1017.2
DEAD END CORRIDOR	20' MAX	None	IBC 2015: SECTION 1020.4
EXIT ENCLOSURE RATING	1 HR	1 HR	IBC 2015: SECTION 1020.1
CORRIDOR RATING	0 HR	1 HR	IBC 2015: TABLE 1020.1

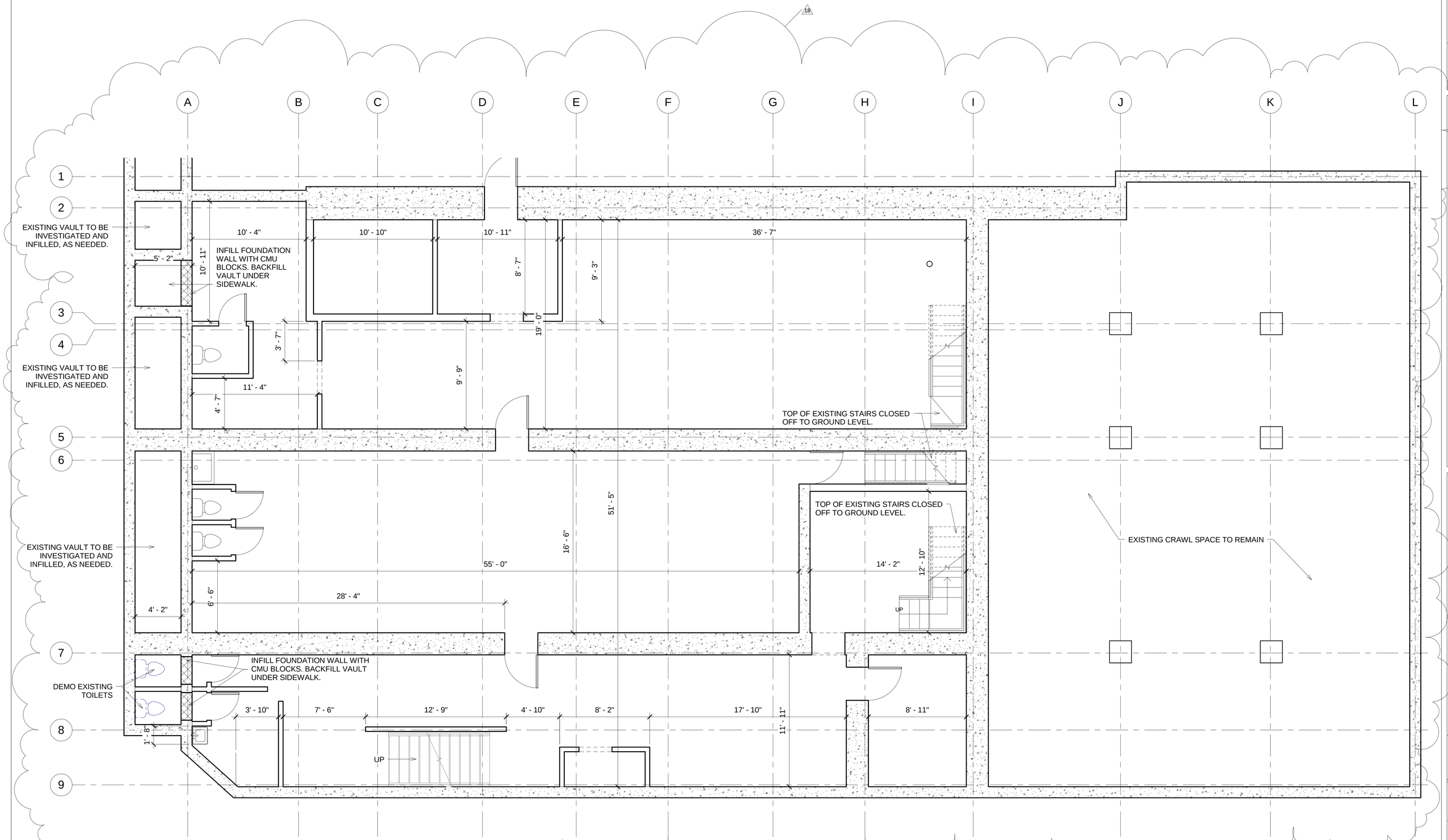
AREA	GROSS SF	SF/ OC.	REQUIRED OCCUPANT LOAD	EGRESS CAPACITY PROVIDED	COMMENTS
			92	1800 (2 - 36" HORIZONTAL EXITS)	IBC 2015: SECTION 1005
MERCANTILE	4,547 SF	60	76		
BUSINESS	1582 SF	100	16		

REGISTERED ARCHITECT
BRUCE M. HAMPTON
NO. 5989
BOSTON
MA
COMMONWEALTH OF MASSACHUSETTS

N

CONSTRUCTION SET

September 24th, 2018



1 PROPOSED BASEMENT PLAN
1/4" = 1'-0"

ELTON HAMPTON ARCHITECTS
103 Terrace Street
Boston, MA 02120
617-708-1071

OWNER:

Revolutionary Growers, LLC
1 Oak Hill Road
Fitchburg, MA 01420

No.	Description	Date
18	Back Up POS, Basement Plan, Cover page	09.24.18

PROJECT

541 Mass Ave
Cambridge, MA 02139

Basement Plan

Date	07.25.18
Project number	REV C
Drawn by	L.P. WORTH
Checked by	B. HAMPTON

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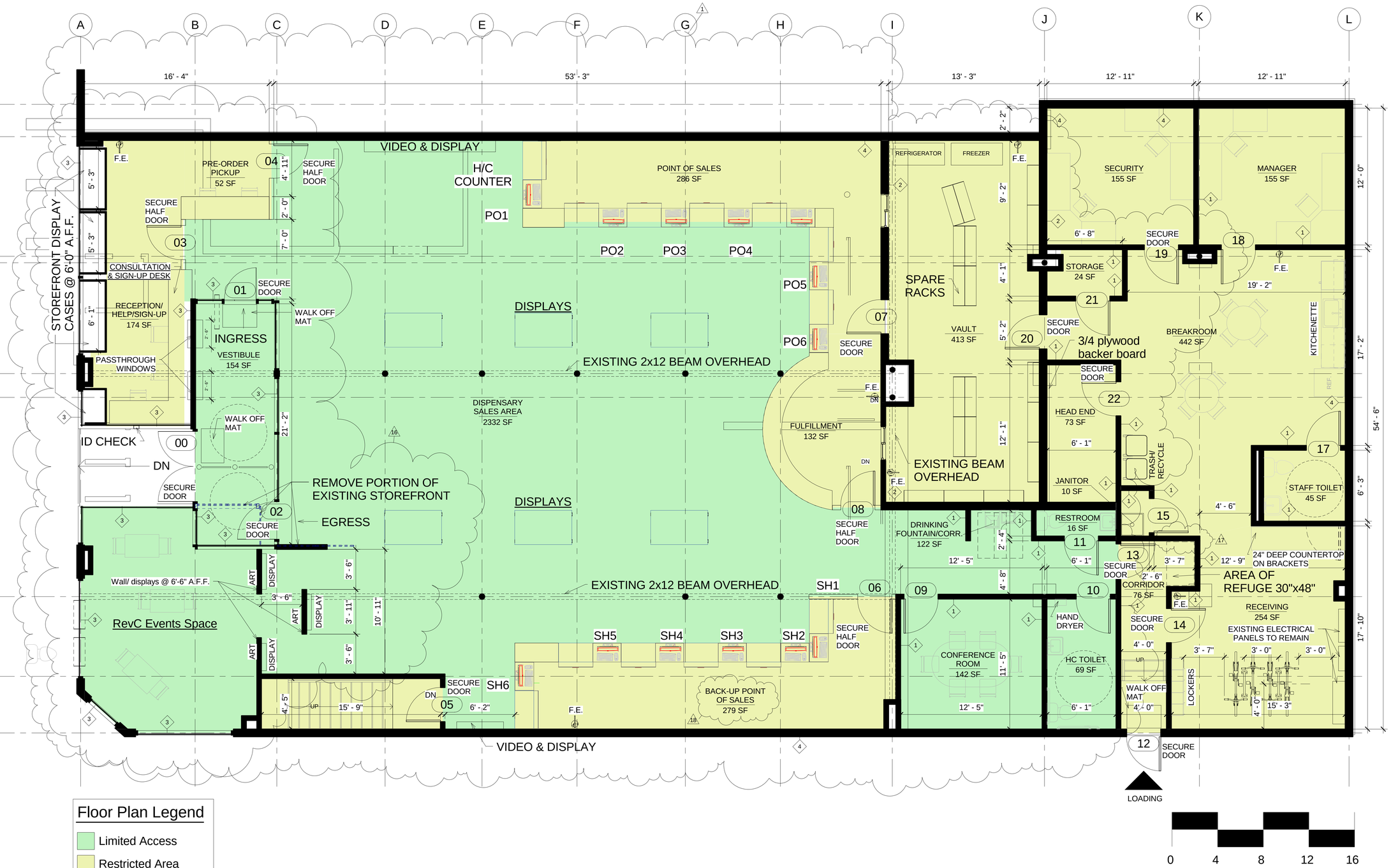

Floor Plan Legend

- Limited Access
- Restricted Area

1 PROPOSED FLOOR PLAN
1/4" = 1'-0"

ELTON HAMPTON ARCHITECTS
103 Terrace Street
Boston, MA 02120
617-708-1071

OWNER:

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Fitchburg, MA 01420

No.	Description	Date
1	Revised Floor Plan	06.06.18
16	Art gallery and storefront display cases	07.20.18
17	"Door" 16 deleted	08.08.18
18	Back Up POS, Basement Plan, Cover page	09.24.18

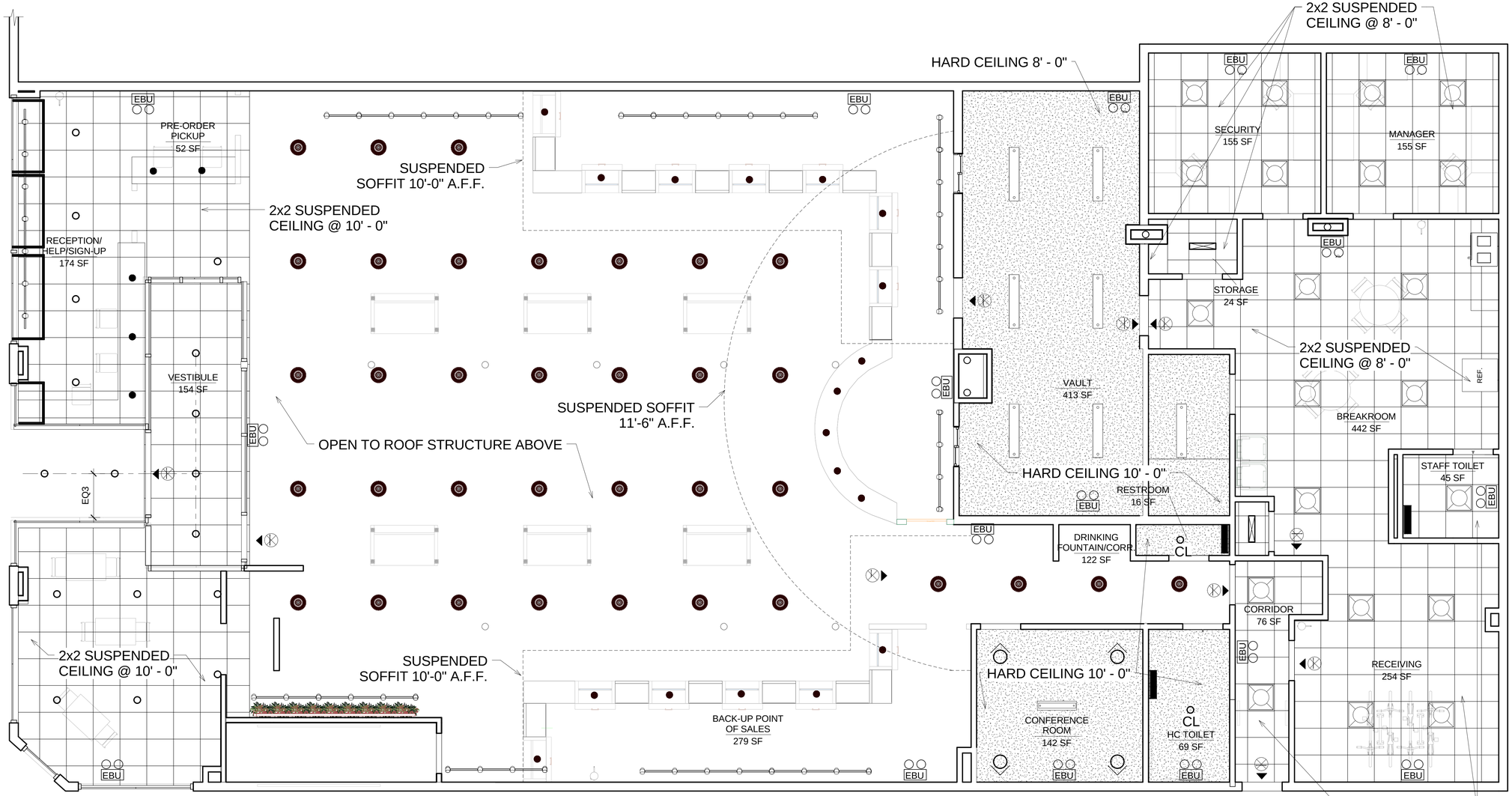
PROJECT

541 Mass Ave
Cambridge, MA 02139

Proposed Floor Plan

Date	07.25.18
Project number	REV C
Drawn by	L.P. WORTH
Checked by	B. HAMPTON

A-001.01



Light Fixture Legend

- General barn light pendant fixture
- 2'x2' Parabolic troffer light
- Wall sconce uplight
- 6" Recessed can light
- Directional Exit Signs
- Track lights
- Recessed wall washer fixture
- 4' Work light
- 2' Work light
- EBU
- Accent pendant light fixture
- Linear pendant light fixture
- Rectangular pendant lamp

Ceiling Finish Legend

- 2x2 Suspended Ceiling Tiles Style I
- 2x2 Suspended Ceiling Tiles Style II
- GWB Hard Ceiling

1 PROPOSED REFLECTED CEILING PLAN
1/4" = 1'-0"

ELTON HAMPTON ARCHITECTS
103 Terrace Street
Boston, MA 02120
617-708-1071

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Revolutionary Growers, LLC
1 Oak Hill Road
Fitchburg, MA 01420

No.	Description	Date
18	Back Up POS, Basement Plan, Cover page	09.24.18

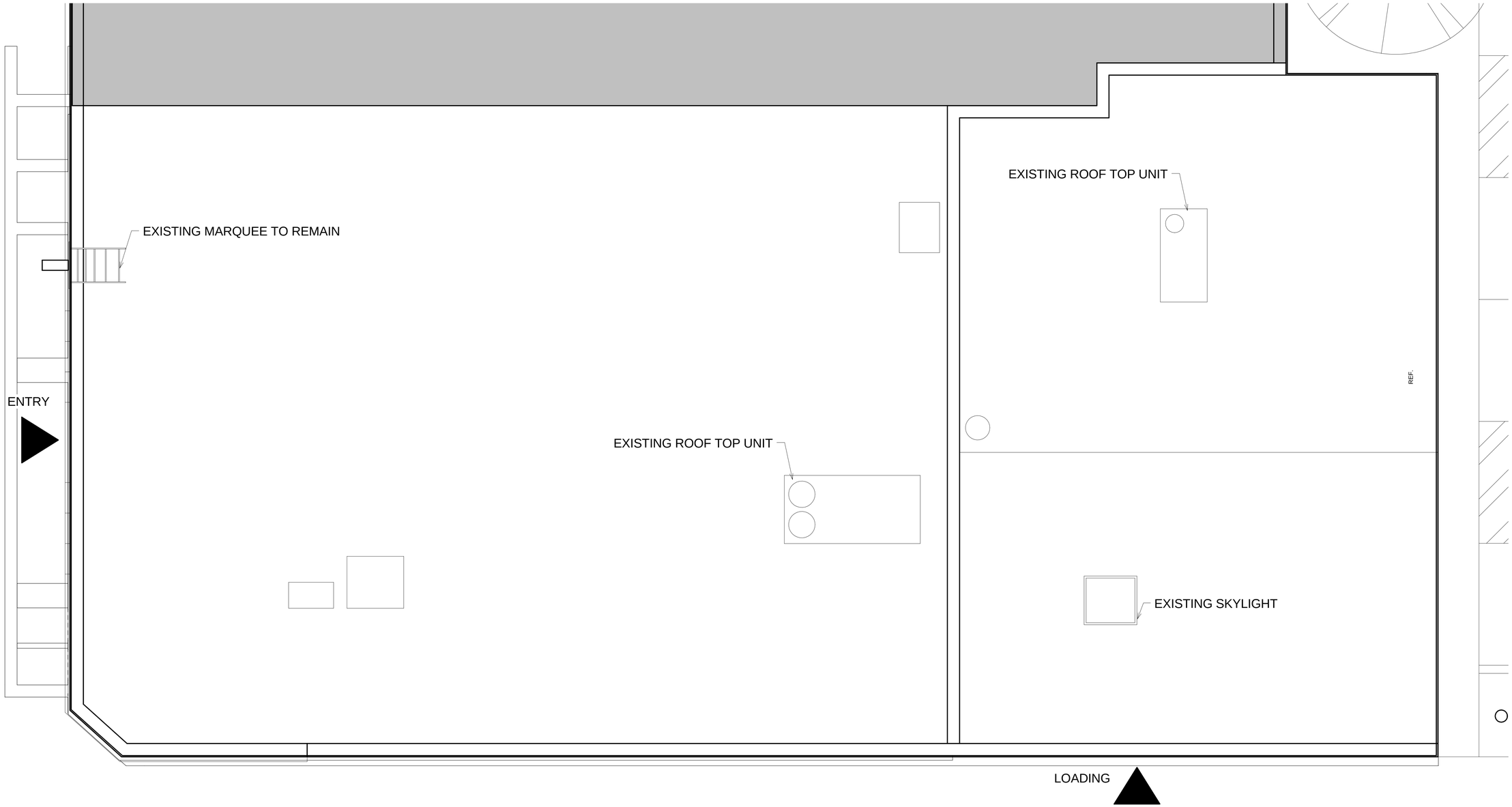
REGISTERED ARCHITECT BRUCE M. HAMPTON NO. 5989 BOSTON MA COMMONWEALTH OF MASSACHUSETTS

PROJECT
541 Mass Ave
Cambridge, MA 02139

Reflected Ceiling Plan

Date	07.25.18
Project number	REV C
Drawn by	L.P. WORTH
Checked by	B. HAMPTON

A-001.02 18



1 PROPOSED ROOF PLAN
1/4" = 1'-0"

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103 Terrace Street
Boston, MA 02120
617-708-1071

OWNER:

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1 Oak Hill Road
Fitchburg, MA 01420

No.	Description	Date
18	Back Up POS, Basement Plan, Cover page	09.24.18

REGISTERED ARCHITECT
BRUCE M. HAMPTON
NO. 5989
BOSTON
MA
COMMONWEALTH OF MASSACHUSETTS

PROJECT
541 Mass Ave
Cambridge, MA 02139

Roof Plan

Date	07.25.18
Project number	REV C
Drawn by	L.P. Worth
Checked by	B. Hampton

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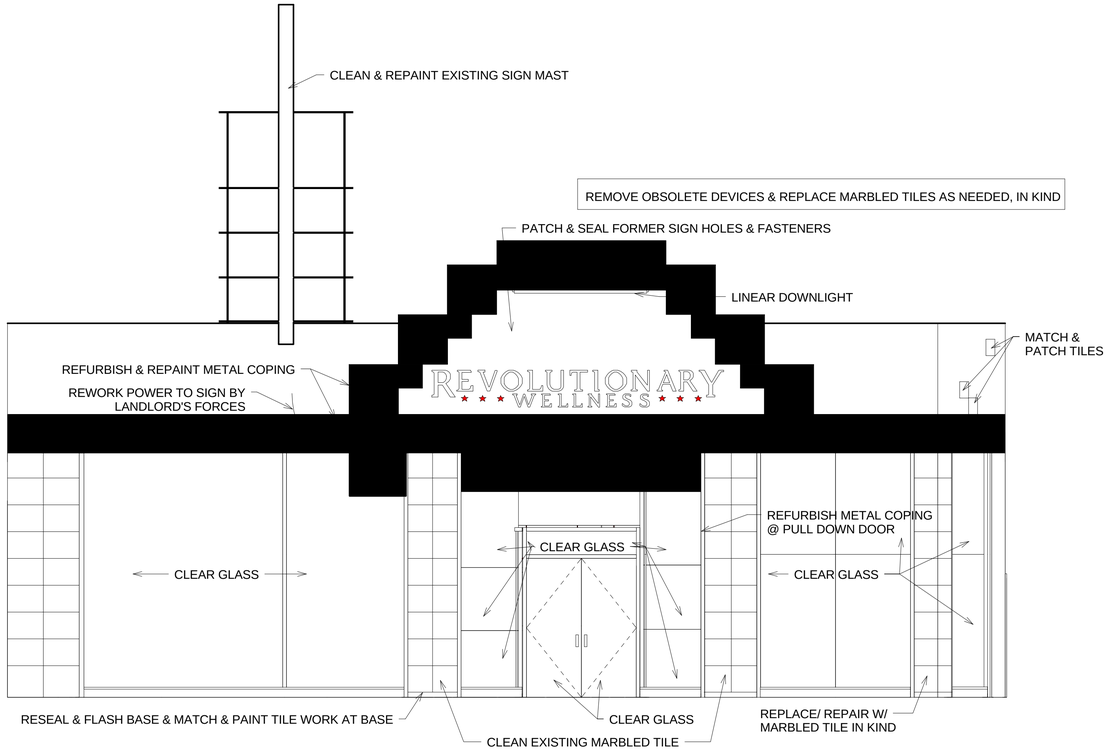
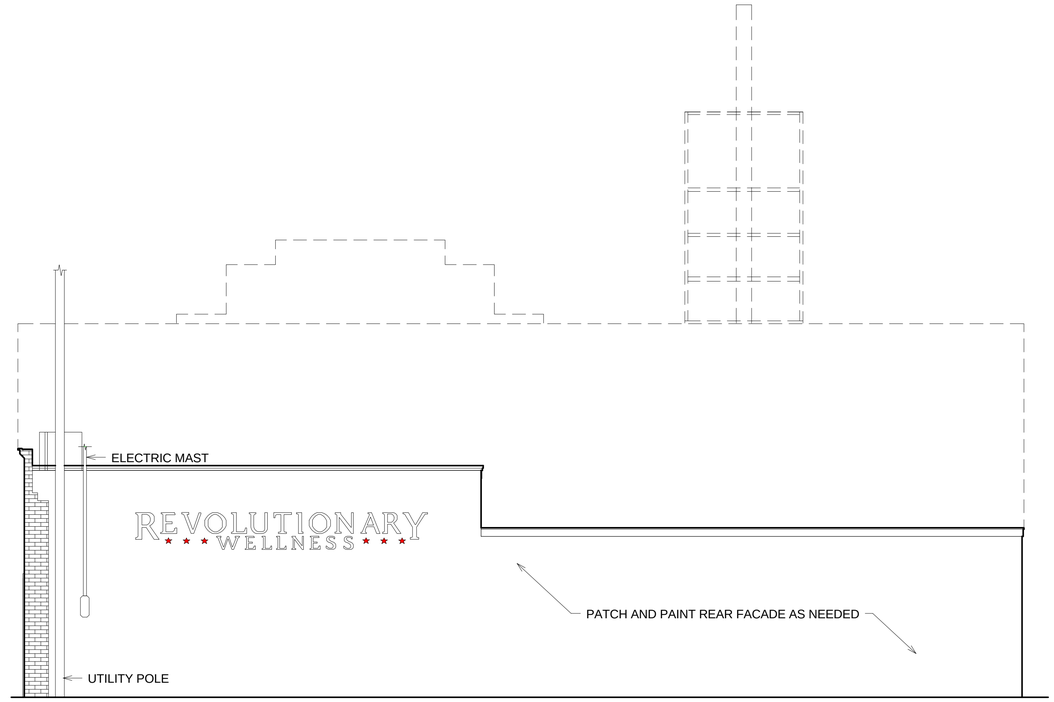
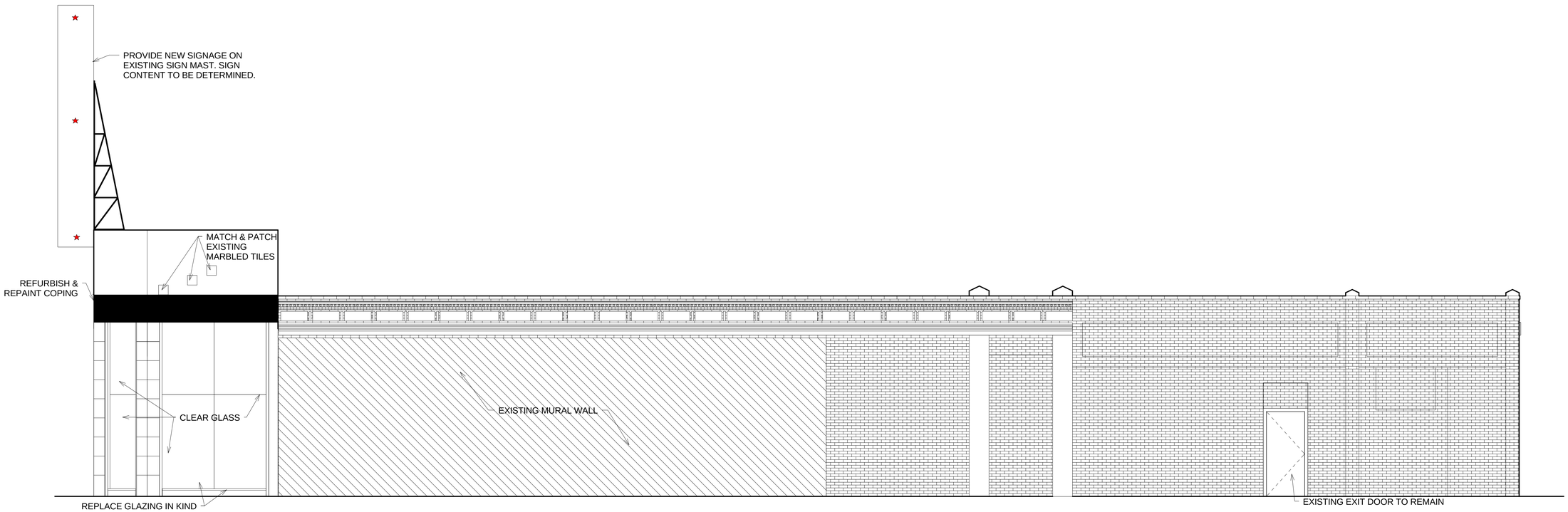
18



1 PROPOSED FRONT ELEVATION
1/4" = 1' - 0"



2 PROPOSED REAR ELEVATION
1/4" = 1' - 0"



3 PROPOSED SIDE ELEVATION
1/4" = 1' - 0"

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Fitchburg, MA 01420

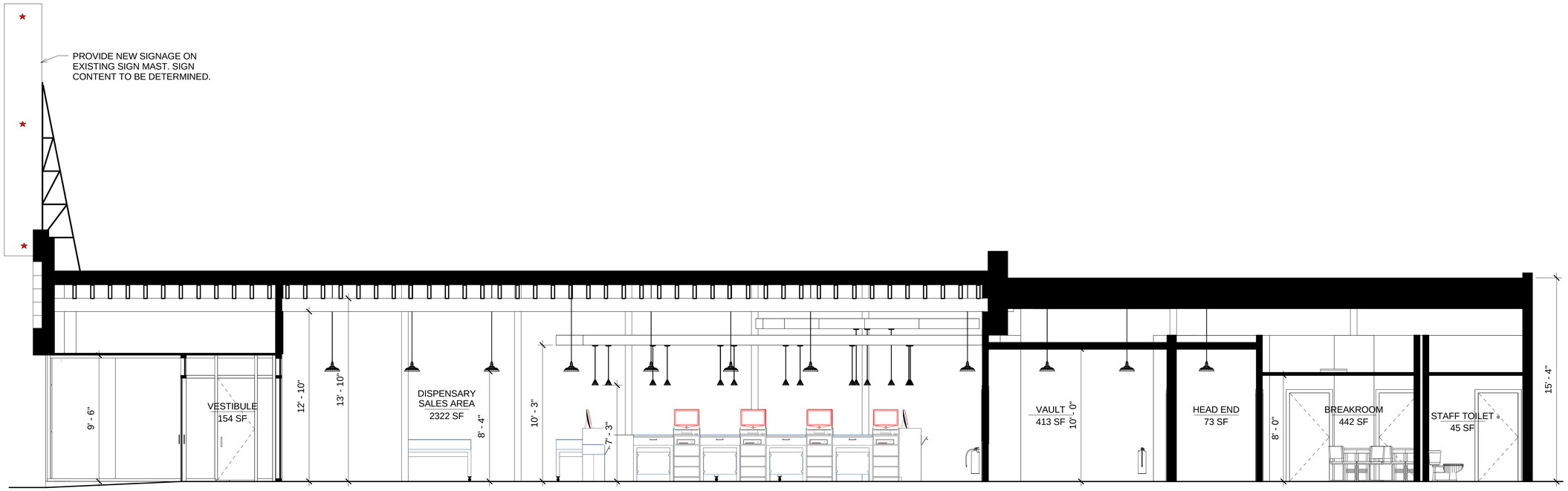
No.	Description	Date

PROJECT
541 Mass Ave
Cambridge, MA 02139

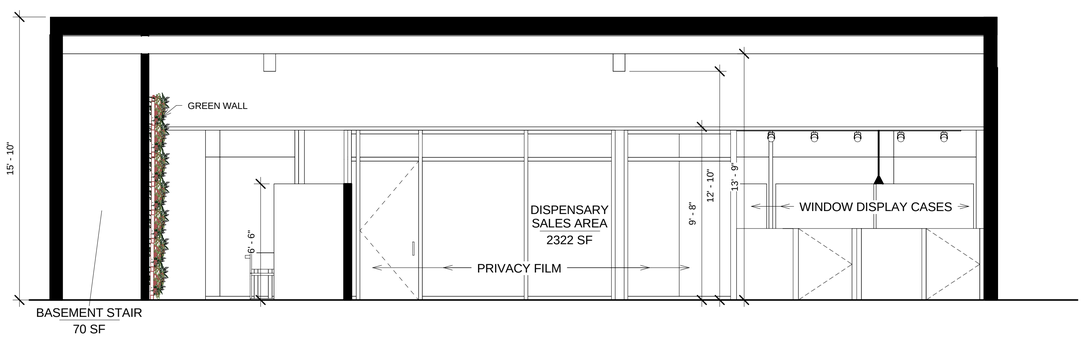
Building Elevations

Date	07.25.18
Project number	CAS
Drawn by	Author
Checked by	Checker

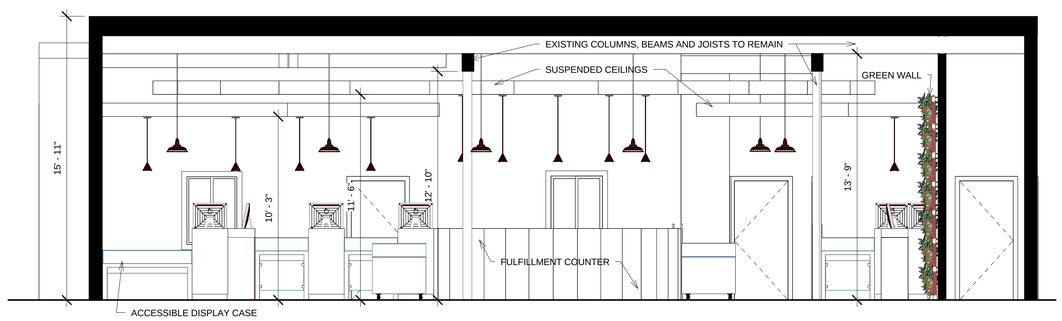
A-002.00



1 Longitudinal Section
1/4" = 1'-0"



2 Latitudinal Section 1
1/4" = 1'-0"



3 Latitudinal Section 2
1/4" = 1'-0"

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No.	Description	Date

PROJECT
541 Mass Ave
Cambridge, MA 02139

Building Sections

Date	07.25.18
Project number	CAS
Drawn by	L.P. WORTH
Checked by	B. HAMPTON

A-002.01