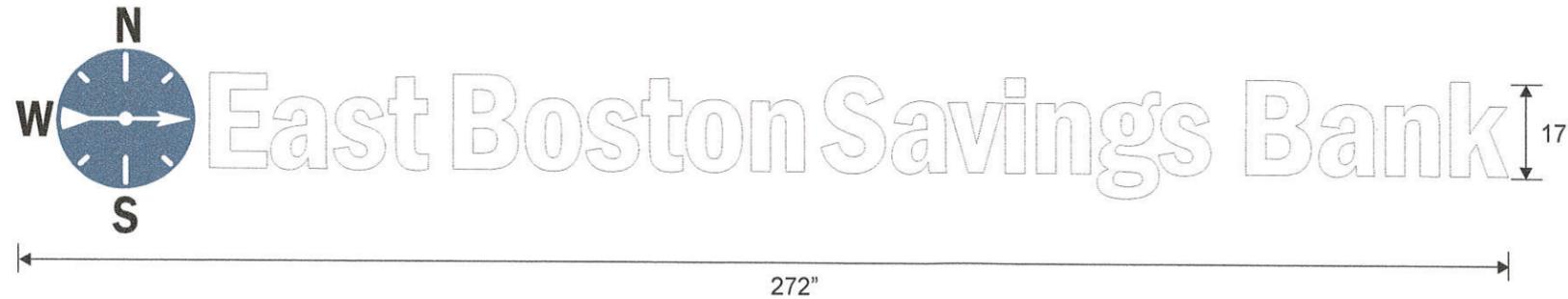


Location Of Lighting Fixtures



Externally Illuminated Letters - **32.12 SF**  
 Scale: 3/8" = 1'-0"

- 1" Thick Router Cut Acrylic Letters
- Spray Finish With Acrylic Polyurethane
- Stud Mount To Background With .50" Aluminum Stand-Offs
- 3M High Performance White Vinyl Details On compass Logo

External Up Lighting Illumination By Mercury M2000 Lighting Fixtures- See Attached Cut Sheet  
 Supported By 75" Diameter Rigid Conduit Approximately 18" From Building  
 All Lighting Components To Be Spray Finished Black

**Colors:**

- Blue: PMS#301c
- White: White
- Black: Black

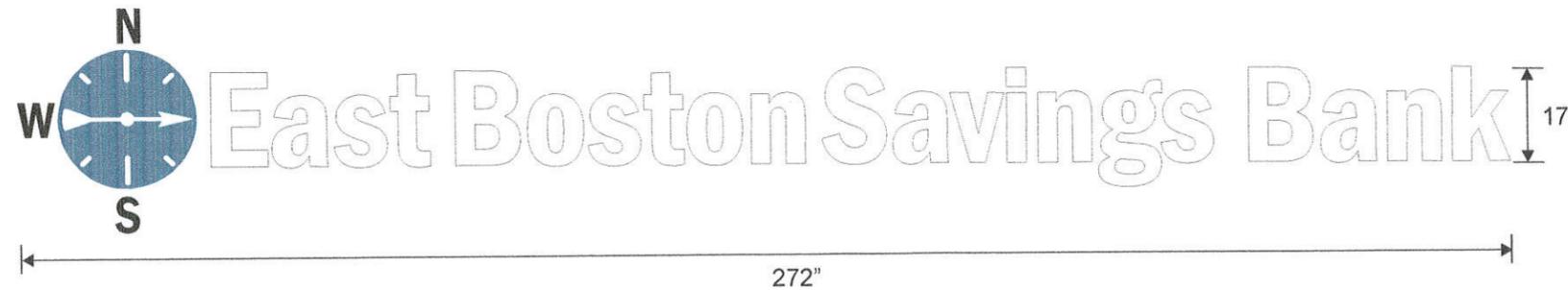
Project: East Boston Savings Bank		Location:		Job Description:		Revised	
Salesman: Jeff	Designer: Ronald	38 Union Square, Somerville, MA		Wall Sign			
Scale: Noted	Date: 10/07/13	File Name: EBSB Somerville Exterior Signage.cdr					
	Sketch #: 53297						

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**Sign Advertising**

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**Customer Approval:**



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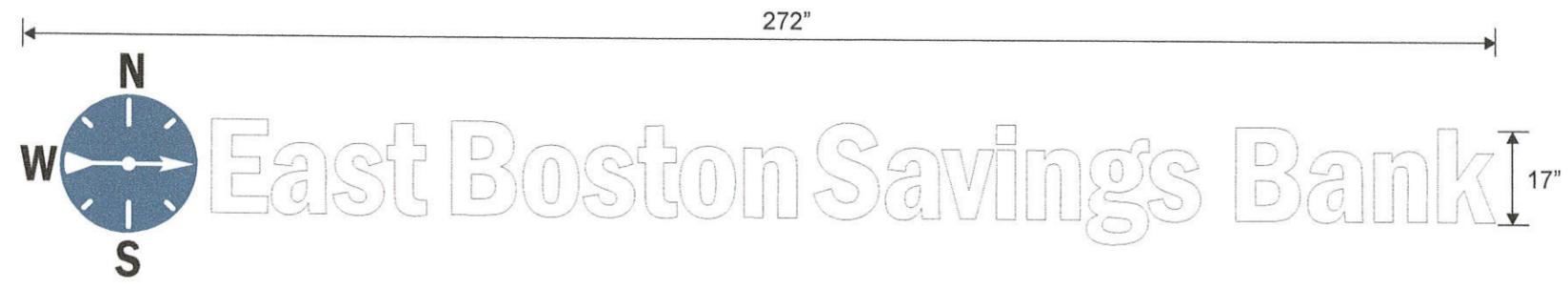
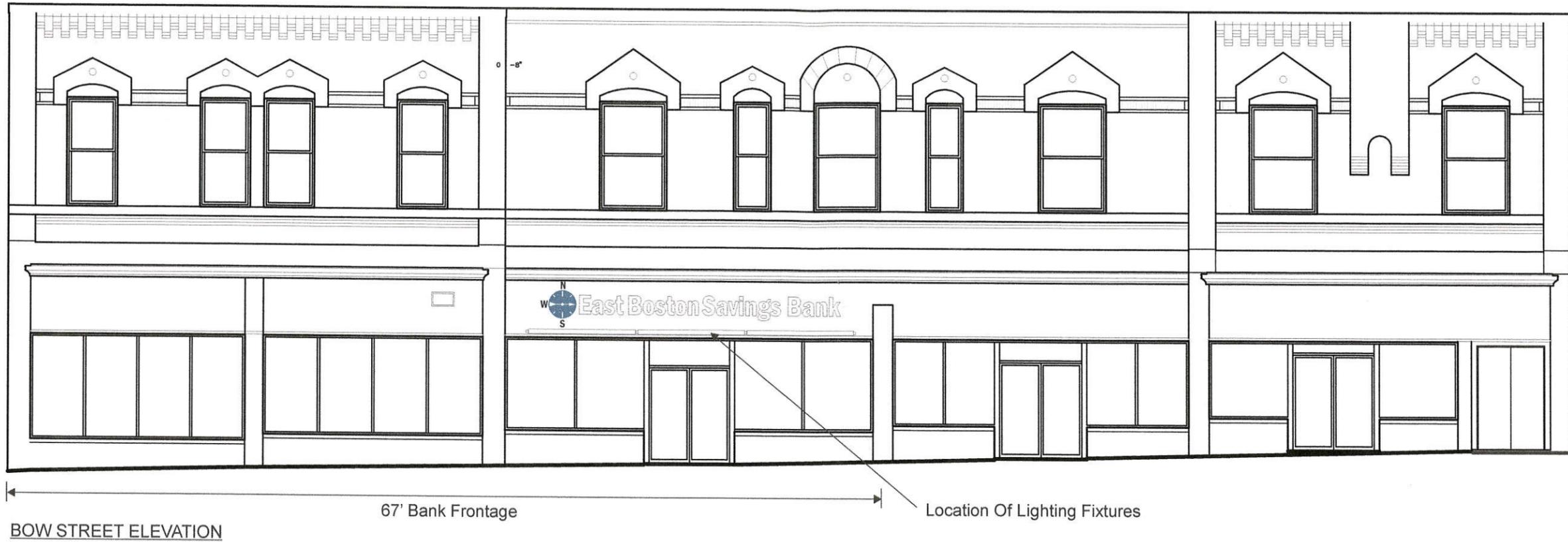
Project: East Boston Savings Bank		Location:		Job Description:		Revised	
Salesman: Jeff	Designer: Ronald	38 Union Square, Somerville, MA		Wall Sign			
Scale: Noted	Date: 10/07/13	File Name: EBSB Somerville Exterior Signage.cdr					
	Sketch #: 53297						

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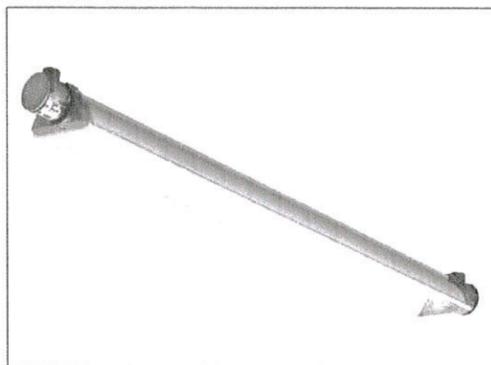
- Blue: PMS#301c
- White: White
- Black: Black

<b>Project:</b> East Boston Savings Bank	<b>Location:</b> 38 Union Square, Somerville, MA	<b>Job Description:</b> Wall Sign	<b>Revised:</b>
<b>Salesman:</b> Jeff	<b>Designer:</b> Ronald		
<b>Scale:</b> Noted	<b>Date:</b> 10/07/13	<b>File Name:</b> EBSB Somerville Exterior Signage.cdr	
	<b>Sketch #:</b> 53297		

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# M2000 SERIES

## Sign and Facade Outdoor Luminaire Wet Location T8/Single-Pin, T8 or T12/Recessed-Double Contact Lamping

Fixture Type: \_\_\_\_\_  
 Job Information: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### SPECIFICATIONS:

- Parabolic shaped extruded aluminum flood luminaire for outdoor applications. Linear fluorescent T8/Single-Pin, T8 or T12/Recessed-Double Contact light sources achieve uniform linear illumination with little vertical graduation. Mount individually or in continuous rows for unbroken lines of illumination.
- Engineered and designed to be corrosion-free with sealed-tight parts and strategic gaskets. Will withstand direct rainfall, critical weather elements, insect invasions, and dirt accumulation. CSA listed for wet locations when aimed below horizontal.
- Supported by rigid conduit supplied by others and is capable of rotating 360 degrees for desired aiming. Remote ballasts are required. T8 lamping operates from remote standard type ballasts. Ballast boxes available. T12 lamping operates from weatherproof remote ballasts.
- Applications: Lighting and illuminating of signs and billboards, building facades and entrance ways, and general flood lighting purposes.
- One or two-lamp cross sections, Slimline-T8 (Single-Pin T8), HO-T8 (Recessed-Double Contact T8), HO-T12 (Recessed-Double Contact T12), or VHO-T12 (Recessed-Double Contact T12) linear fluorescent.
- Lengths/T8 Lamps: 4Ft/44W-HO-T8; 6Ft/65W-HO-T8; 8Ft/86W-SL-T8; 8Ft/86W-HO-T8.
- Lengths/T12 Lamps: 4Ft/60W-HO-T12 or 115W-VHO-T12; 6Ft/85W-HO-T12 or 160W-VHO-T12; 8Ft/110W-HO-T12 or 215W-VHO-T12.
- Diffusers: Acrylic smooth clear diffuser allows maximum light transmission while offering a barrier to the elements. Acrylic smooth white is optional and hides lamp image. Both diffusers are extruded in one-piece. Two aluminum retainers hold diffusers tightly in place or remove easily for lamping access.
- Housings: Extruded aluminum .062" thick, parabolic shaped for peak performance. Internal wireway along the housing back for all wiring to pass through. Integrated diffuser grooves along the sides form a positive moisture barrier. Die-cast aluminum end caps permanently riveted onto the housing complete the seal.
- Junction boxes: Two heavy gauge die cast aluminum boxes are supplied with neoprene gaskets and aluminum hardware. Each box has a gasketed access plate for entry to electrical splices. Boxes attach to rigid conduit and allow luminaire rotation. One box can support two units for continuous row mounting.
- Finish: Housing is finished with a white powder coating inside and out. End caps and junction boxes have their natural aluminum color with a diffuse anodized finish.
- Ballasts T12: See ballast matrix under ordering data for complete specs. All ballasts for T12 lamping are available in a sealed and weatherproof extruded aluminum can. UL approved for remote mounting and exposure to direct rain. Reliable lamp starting to -20 degrees F. Exposed wires exit through a silicon filled 3/4" 14NP threaded nipple which should be mounted downwards. Aluminum mounting brackets are included. Standard ballasts may be used if installed in a protected environment. Multiple lamp ballasts may be used to operate two luminaires. Maximum ballast-to-lamp distances apply.
- Ballasts T8: See ballast matrix under ordering data for complete specs. Only standard type non-weatherproof T8 ballasts are available. Starting temps vary with lamp type. Inquire when critical. Ballasts must be installed in a grounded ballast box or enclosure. A non-weatherproof ballast box is optional. Weatherproof enclosures are commercially available by others. Multiple lamp ballasts may be used to operate two luminaires. Maximum ballast-to-lamp distances apply.
- Sockets: Spring action and gasket facing forms a tight seal against possible moisture. Single-Pin sockets for Slimline-T8 lamping. Recessed-Double Contact sockets for HO-T8, HO-T12, and VHO-T12 lamping.
- Installations: Supported by 3/4" 14NP rigid conduit by others. Length to be determined by lighting and field conditions. Conduit threads into junction box. Ballasts should be mounted no more than 15Ft away from luminaire.
- CSA listed and bears their wet location label for aiming below horizontal. Add optional weep holes for aiming above horizontal.



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### M2000 SERIES Sign and Facade Outdoor Luminaire/Wet Location/T8/Single-Pin, T8 or T12/Recessed-Double Contact Lamping

Fixture Type: \_\_\_\_\_  
 Job Information: \_\_\_\_\_

#### ORDERING DATA: Fill in boxes below with corresponding bold options.

Example: M2000-186-HO-OCT-WH

M2000	No. of Lamps Cross	Lamp Length/Wattage Ea./Nominal Fixture Length	Lamp Type / Socket Type	Optional Diffuser	Misc
M2000 Sign and Facade Luminaire	1 Lamp 2 Lamps	<b>HO-T8 LAMPS</b> 44 4Ft Lamp/44W-HO-T8/ 4Ft Housing. 65 6Ft Lamp/65W-HO-T8/ 6Ft Housing. 86 8Ft Lamp/86W-HO-T8/ 8Ft Housing. <b>SL-T8 LAMPS</b> 59 8Ft Lamp/59W-SL-T8/ 8Ft Housing. <b>HO-T12/ VHO-T12 Lamps</b> 48 4Ft Lamp/60W-HO-T12 or 115W-VHO-T12/4Ft Housing. 72 6Ft Lamp/85W-HO-T12 or 160W-VHO-T12/6Ft Housing. 96 8Ft Lamp/110W-HO-T12 or 215W-VHO-T12/8Ft Housing.	<b>HO-OCT</b> HO-T8 Lamping, Recessed-Double Contact. <b>OCT</b> SL-T8 Lamping, Single-Pin Base. <b>HO</b> HO-T12 or VHO-T12 Lamping, Recessed-Double Contact.	Leave Blank For Acrylic Smooth Clear Diffuser. <b>ASW</b> Acrylic Smooth White. Leave Blank For No Option. <b>WH</b> Weep Holes For Aiming Above Horizontal.	



#### WEATHERPROOF BALLASTS:

For HO-T12 and VHO-T12 Lamping Only.  
 Must be mounted vertically.

Catalog Number	Manufacturer	Operates/Voltage	Start Temp F
RC-2585-FD	Advance	1-48-HO-120V	-20
		1-72-HO-120V	-20
		1-96-HO-120V	-20
RC-25110-FD	Advance	2-48-HO-120V	-20
		2-72-HO-120V	-20
		2-96-HO-120V	-20
RC-25110-FD	Advance	2-72-HO-277V	-20
		2-96-HO-277V	-20
		2-96-HO-277V	-20
RC-25102-FD	Advance	1-48-VHO-120V	-20
		1-72-VHO-120V	-20
		1-96-VHO-120V	-20
VC-25102-FD	Advance	2-48-VHO-120V	-20
		1-48-VHO-277V	-20
		1-72-VHO-277V	-20
RC-25200-FD	Advance	2-48-VHO-277V	-20
		2-72-VHO-277V	-20
		2-96-VHO-120V	-20

Use (1) 2-lamp ballast to operate (2) 1-lamp luminaires.

#### STANDARD BALLASTS:

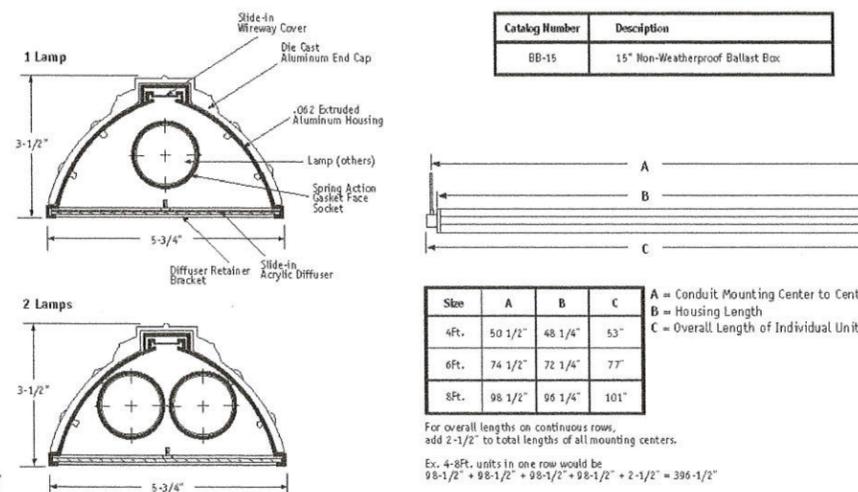
For HO-T8 and SL-T8 Lamping Only.

Catalog Number	Manufacturer	Operates/Voltage	Start Temp F
ICN-2586	Advance	1-44-HO-OCT-UNI	-20
		2-44-HO-OCT-UNI	-20
		1-65-HO-OCT-UNI	-20
		2-65-HO-OCT-UNI	-20
		1-86-HO-OCT-UNI	-20
GE-259-MV-II	GE	2-86-HO-OCT-UNI	-20
		159-OCT-UNI	32
		259-OCT-UNI	32

Above ballasts need to be field installed in a grounded metal enclosure. Manufacturer and catalog number is for reference only.

Catalog Number	Description
BB-15	15" Non-Weatherproof Ballast Box

#### DIMENSIONAL DATA/CROSS SECTIONS:



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SPECIFICATIONS SUBJECT TO CHANGE, 12/08  
 CONSULT FACTORY WHEN CRITICAL.

Revised \_\_\_\_\_

Job Description: External Lighting Fixtures

Location: 38 Union Square, Somerville, MA

Project: East Boston Savings Bank

Salesman: Jeff

Designer: Ronald

Scale: Noted

Date: 10/07/13

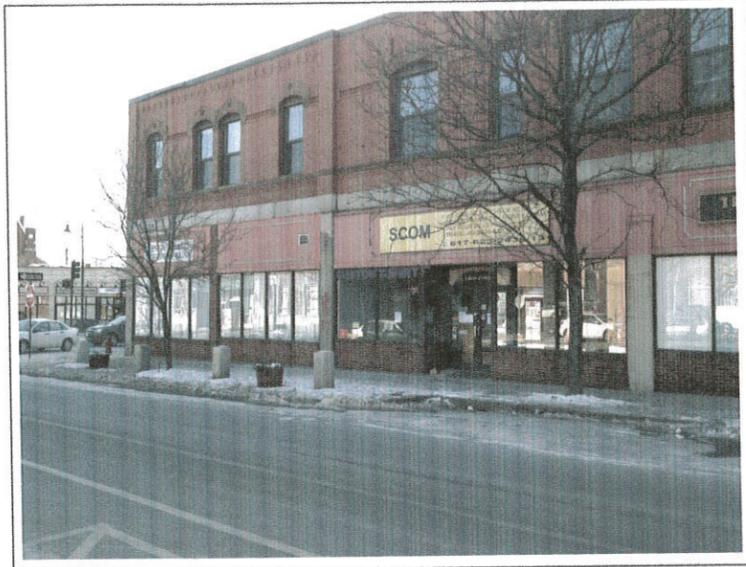
Sketch #: 53297

File Name: EBSB Somerville Exterior Signage.cdr

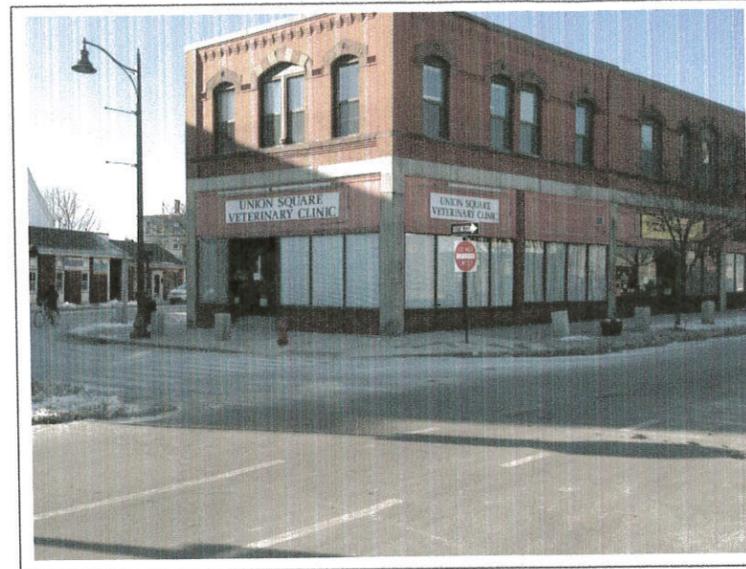
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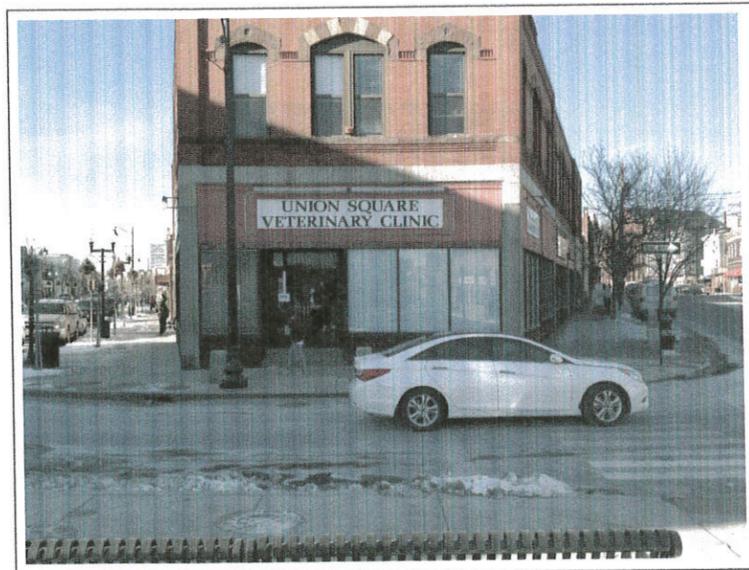
View From Bow St Toward Union Square



View From Union Square Down Bow St



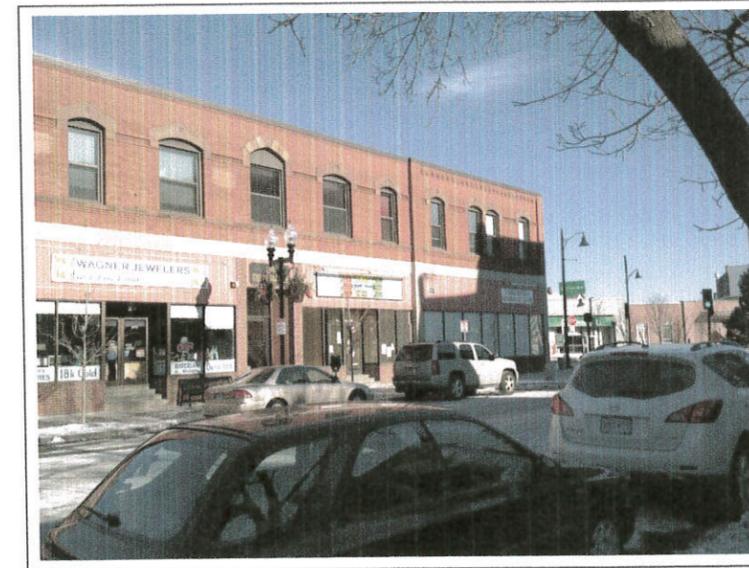
View From Union Square Down Somerville Ave



Union Square Facade



View From Union Square Down Bow St



View From Somerville Ave Toward Union Square

		Project: East Boston Savings Bank Salesman: Jeff Designer: Ronald Scale: Noted		Location: 38 Union Square, Somerville, MA		Job Description: EBSB Somerville Exterior Signage.cdr		Revised	
893 MAIN STREET, WAKEFIELD, MA 01880 (781) 245-4800		Date: 10/07/13 Sketch #: 53297		File Name:		Customer Approval:		Note: This is an original copyright drawing created by and owned by Batten Bros., Inc. It is submitted for your personal use in connection with a project being planned for you by Batten Bros., Inc. It is not to be shown to anyone outside your organization, nor is it to be used, reproduced, copied, or exhibited in any fashion.	