



# CAMBRIDGE HISTORICAL COMMISSION

831 Massachusetts Avenue, 2<sup>nd</sup> Fl., Cambridge, Massachusetts 02139  
Telephone: 617 349 4683 Fax: 617 349 3116 TTY: 617 349 6112  
E-mail: histcomm@cambridgema.gov URL: http://www.cambridgema.gov/Historic

*final*

## APPLICATION FOR CERTIFICATE

1. The undersigned hereby applies to the Cambridge Historical Commission for a Certificate of (check one box):  Appropriateness,  Nonapplicability, or  Hardship, in accordance with Chapter 40C of the Massachusetts General Laws and/or Chapter 2.78 of the Municipal Code.

2. Address of property: 9 Riedesel Avenue, Cambridge, Massachusetts

3. Describe the proposed alteration(s), construction or demolition in the space provided below: (An additional page can be attached, if necessary).

**Background:**

As part of a bathroom renovation, we propose to install a new 24"W x 36"H oval window on the west facade of the house. This facade that is currently devoid of any fenestration. See elevation sketch attached. Proposed window and trim cuts also attached.

**Size and Placement:**

The top of the window will align with the top of the existing west facing windows on the second floor. Horizontal placement of the window is determined by interior plan requirements. See A-101 attached.

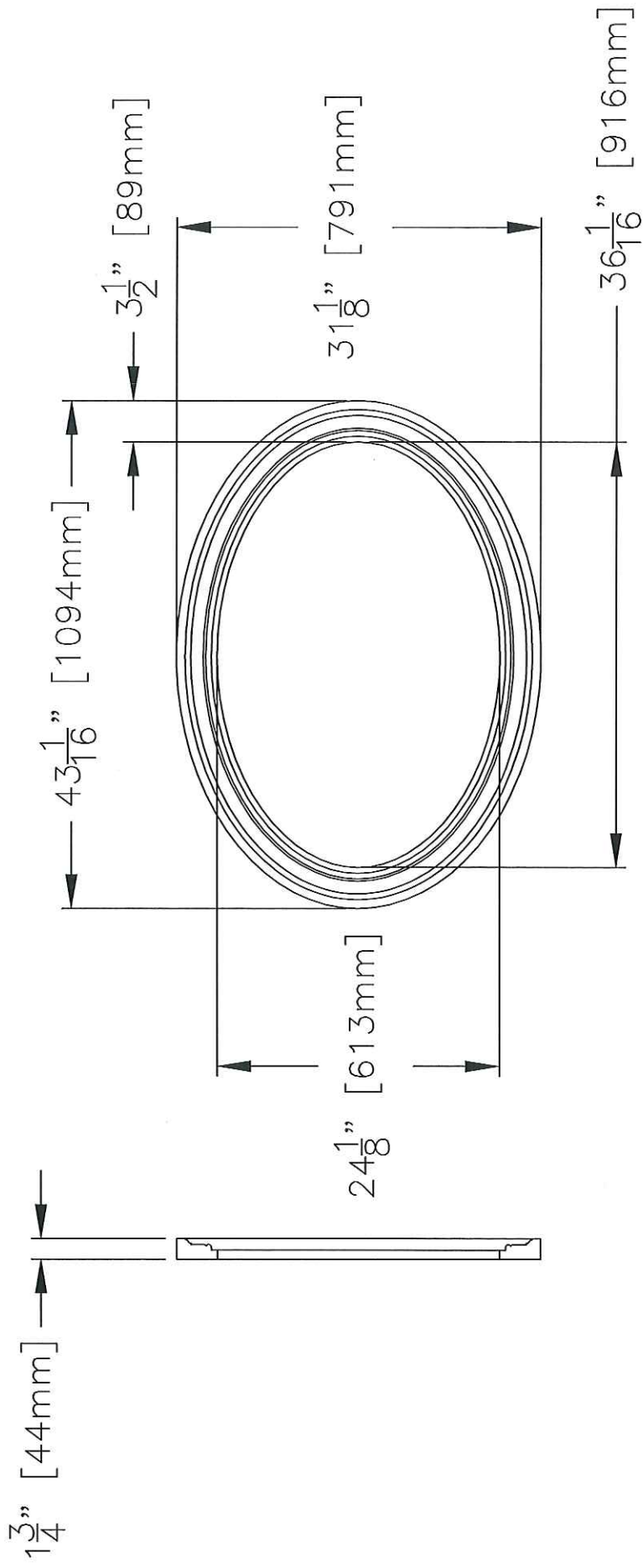
**Light Configuration and Trim:**

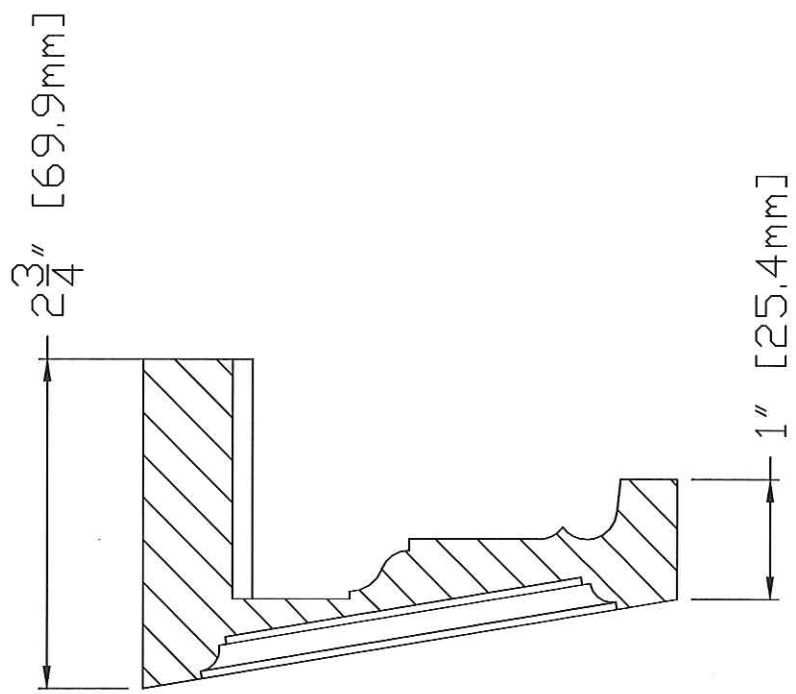
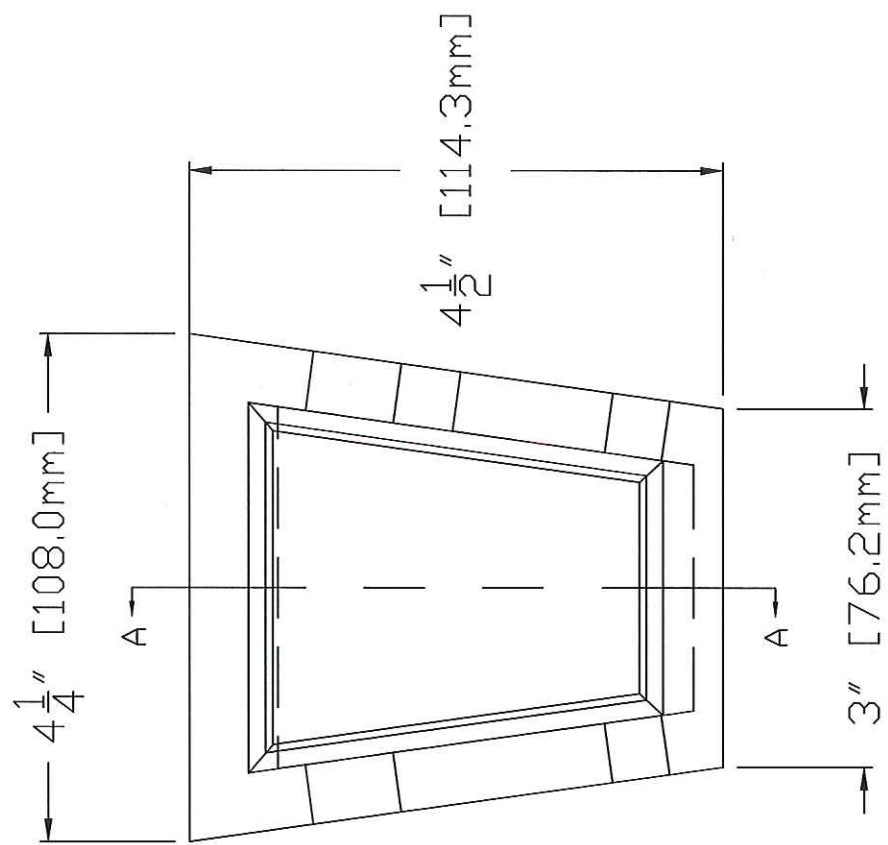
The new window and trim will be painted to match existing adjacent second floor windows. The wood shingles will also be painted to match existing. The owner plans to install a custom cut-glass light--similar to what exists as a transom light in the kitchen window below--on the window interior. See photos attached of the existing transom light.

I certify that the information contained herein is true and accurate to the best of my knowledge and belief. The undersigned also attests that he/she has read the statements printed on the reverse.

<b>Name of Property Owner of Record:</b> Mr. Robert Neer	
<b>Mailing Address:</b> 9 Riedesel Avenue	
<b>Telephone/Fax:</b> 617.491.8758	<b>E-mail:</b> RNEER@mgh.harvard.edu
<b>Signature of Property Owner of Record:</b> <i>Robert Neer as himself and as sole executor of the estate of Mrs. J. Neer</i> (Required field; application will not be considered complete without property owner's signature)	
<b>Name of proponent, if not record owner:</b> Arch Horst, Black River Architects, Inc.	
<b>Mailing Address:</b> 1640 Massachusetts Avenue	
<b>Telephone/Fax:</b> 617.661.3007	<b>E-mail:</b> ahorst@blackriverarchitects.com

<i>(for office use only):</i>		
<b>Date Application Received:</b> <u>5/4/16</u>	<b>Case Number:</b> <u>3611</u>	<b>Hearing Date:</b> <u>6/2/16</u>
<b>Type of Certificate Issued:</b> _____	<b>Date Issued:</b> _____	













### Table of Circle Window Sizes

Scale 1/8" = 1'-0" (1:96)

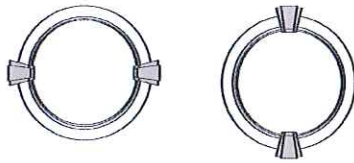
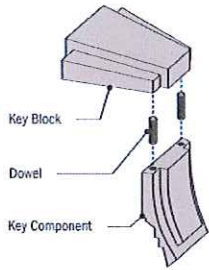
Window Dimension	2'-0 1/8"	2'-4 3/8"	2'-11 15/16"
Minimum Rough Opening	2'-0 5/8"	2'-4 7/8"	3'-0 1/2"
Unobstructed Glass	19 3/4"	24"	31 9/16"
			
	CIR20	CIR24	CIR30

### Table of Oval Window Sizes


Scale 1/8" = 1'-0" (1:96)

Window Dimension	1'-7 3/4"	2'-0"	3'-0"
Minimum Rough Opening	1'-8 1/4"	2'-0 1/2"	3'-0 1/2"
Unobstructed Glass	15 3/8"	19 3/8"	31 3/8"
			
	OVL1824	OVL2030	OVL3048

### Interior



Typical Andersen<sup>®</sup> key block kit installation.

Oval windows can be installed either vertically or horizontally.  OVL1824






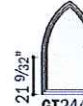
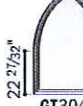
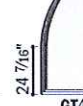
Circle, oval, gothic, octagon and monumental glass area tables shown on page 123.

Divided light patterns shown on page 124.

Not used.

### Table of Gothic Window Sizes




Scale 1/8" = 1'-0" (1:96)

Window Dimension	2'-0 1/8"	2'-4 3/8"	2'-11 15/16"	4'-0"
Minimum Rough Opening	2'-0 5/8"	2'-4 7/8"	3'-0 1/2"	4'-0 1/2"
Unobstructed Glass	19 7/16"	23 11/16"	31 1/4"	43 5/16"
Radius	32 1/4"	32 1/4"	36"	48"
Chord Height				
Shoulder Height				
	16 27/32" GT2036	4'-0" 4'-0 1/2" 42 3/4" GT2440	4'-6" 4'-6 1/2" 48 7/8" 22 27/32" GT3046	5'-6" 5'-6 1/2" 60 7/8" 24 7/16" GT4056

### Interior




### Table of Octagon Window Sizes

Scale 1/8" = 1'-0" (1:96)

Window Dimension	2'-0"	2'-4"	3'-0"
Minimum Rough Opening	2'-0 1/2"	2'-4 1/2"	3'-0 1/2"
Unobstructed Glass	19 5/16"	23 5/16"	31 5/16"
			
	OC20	OC24	OC30

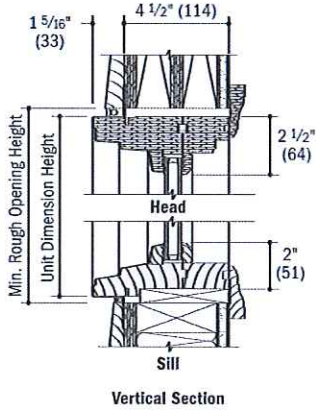
### Table of Monumental Quarter & Full Round Window Sizes

Scale 1/8" = 1'-0" (1:96)

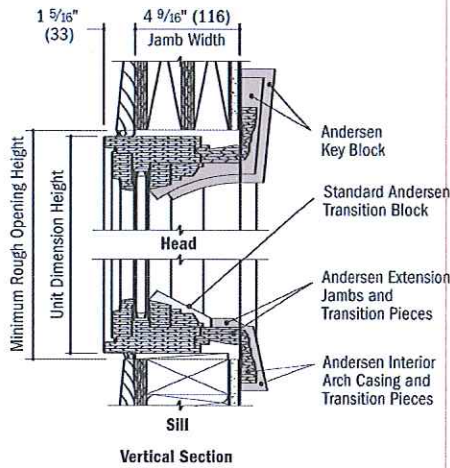
Window Dimension	4'-0"	4'-0"	6'-0"
Minimum Rough Opening	4'-0 1/2"	4'-0 1/2"	6'-0 1/2"
Unobstructed Glass	43 1/4"	43 5/16"	67 5/16"
Radius	48"	24"	36"
			
	QR40	FR40	FR60

• "Window Dimension" always refers to outside frame to frame dimension.  
 • "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 33 for more details.

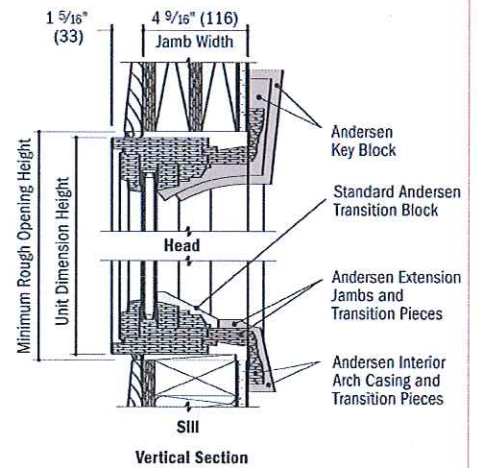
**Elliptical Window Detail**  
Scale 1 1/2" = 1'-0" (1:8)



**Circle Window Detail**  
Scale 1 1/2" = 1'-0" (1:8)

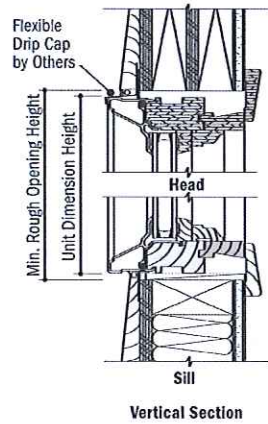


**Oval Window Detail**  
Scale 1 1/2" = 1'-0" (1:8)

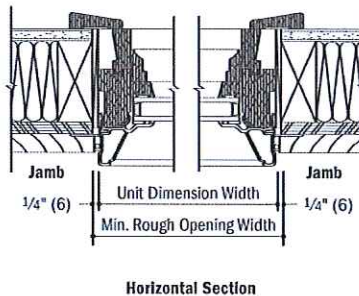
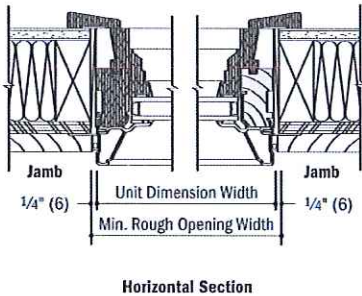
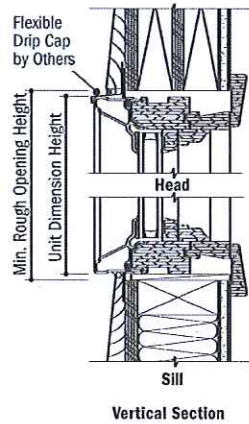


400 Series  
Specialty Windows

**Monumental Quarter Round Window Details**  
Scale 1 1/2" = 1'-0" (1:8)



**Monumental Full Round Window Details**  
Scale 1 1/2" = 1'-0" (1:8)



- 4 9/16" jamb width measurement is from backside of installation flange.
- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.
- Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See Installation Information on page 33.
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.



# SPECIALTY WINDOWS

## Features

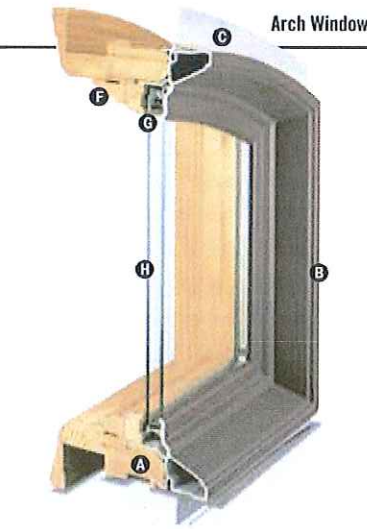
### FRAME

**A** Wood frame members are treated with a water-repellent wood preservative for long-lasting\* protection and performance. Radii are made of laminated select hardwood, offering improved strength and appearance.

**B** The lineal sections of the jamb and sill on Andersen® Flexiframe®, custom arch, arch and enhancement windows are covered with a low-maintenance, fiberglass reinforced composite. The arched head members, and Springline™ units, are covered with stretch formed aluminum.

**C** The vinyl anchoring flange on Flexiframe®, custom arch, arch, Springline™, and enhancement units extends 1 1/4" around the entire perimeter of the unit. It helps secure the unit to the structure.

**D** Andersen Circle Top™, quarter round, elliptical, circle and oval windows are covered with a rigid vinyl (PVC) pre-formed sheath. Low-maintenance exterior cladding provides long-lasting\* beauty.



**E** Pre-formed rigid vinyl sheath on the Andersen Circle Top™, quarter round, elliptical, circle and oval window frames forms a full perimeter flange for sealing the unit to the structure. It also helps maintain an attractive appearance while minimizing maintenance.

**F** Inside trim stop is made of unfinished pine. Arched trim stops are made with quality, full-length, select hardwood laminations. Units are shipped with the trim stops tacked on, so removal is easy — expediting finishing and joining procedures.

**G** Unfinished interior wood glazing stops help secure the glass in place. Arched glazing stops are made with full-length select hardwood laminations.

### GLASS



- H** High-Performance™ glass options include:
- Low-E4® glass
  - Low-E4® SmartSun™ glass
  - Low-E4® Sun glass

Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)



### PATTERNED GLASS

Patterned glass options are available. See page 12 for more details.

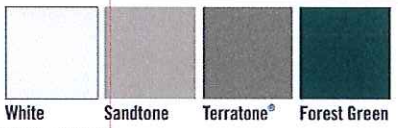


Specialty windows are available with Stormwatch® protection. For a copy of the Andersen® Coastal Product Guide, contact your Andersen supplier.

\* For complete information on our limited warranties, visit [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.

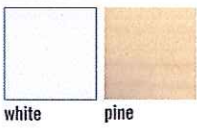
## Exterior

Specify a unit exterior option and an interior option to complete your order.

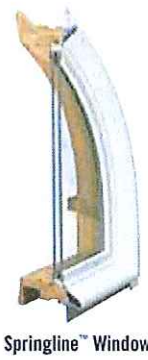


## Interior

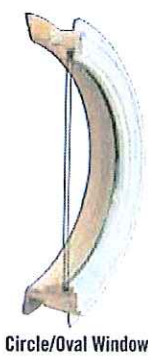
Naturally occurring variations in grain, color and texture make each window one-of-a-kind.



Flexiframe® Window



Springline™ Window



Circle/Oval Window





ALIGN TOP OF NEW WINDOW WITH  
EXISTING WINDOW HEIGHT

PROPOSED NEW OVAL WINDOW  
W/ CUT GLASS INTERIOR PANEL

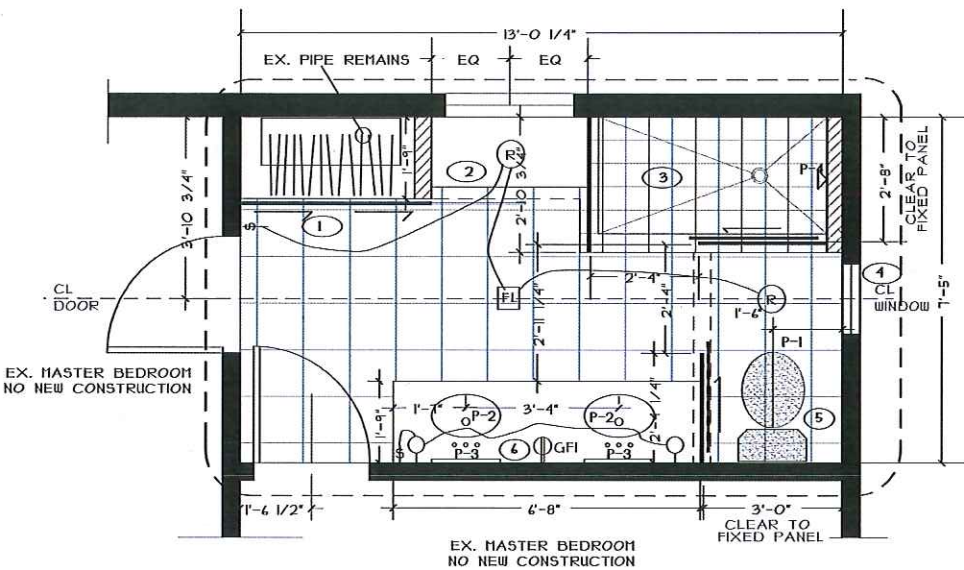
PATCH AND PAINT WOOD SHINGLES  
AND TRIM TO MATCH EXISTING

EXISTING TRANSOM WITH  
INTERIOR CUT GLASS PANEL  
SEE PHOTOS

NEW WINDOW:  
BROSCO OVWBM-1828  
ONE LIGHT WINDOW  
MOULDED URETHANE EXTERIOR

SK-052016A  
PROPOSED WEST ELEVATION  
2 4 8 SCALE IN FEET





PROPOSED BATHROOM PLAN  
SCALE IN FEET

**LEGEND**

- EXISTING WALL TO REMAIN
- NEW WALL
- EX. WALL TO BE REMOVED
- HEADER ABOVE
- WORK AREA

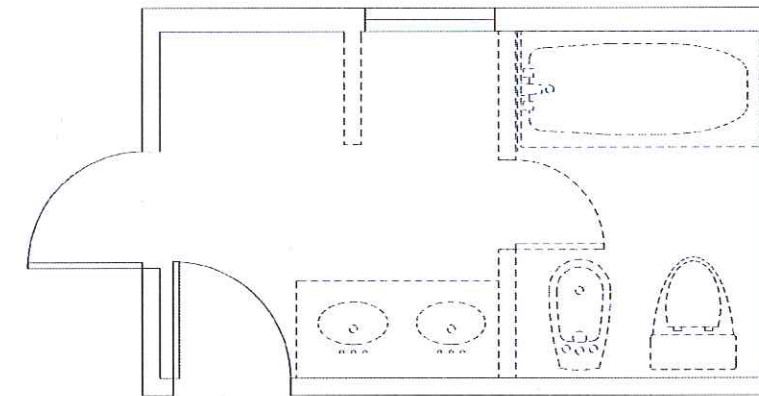
INSULATE EXPOSED EXTERIOR WALL CAVITIES TO MEET STRETCH CODE REQUIREMENTS.

**EQUIPMENT LEGEND**

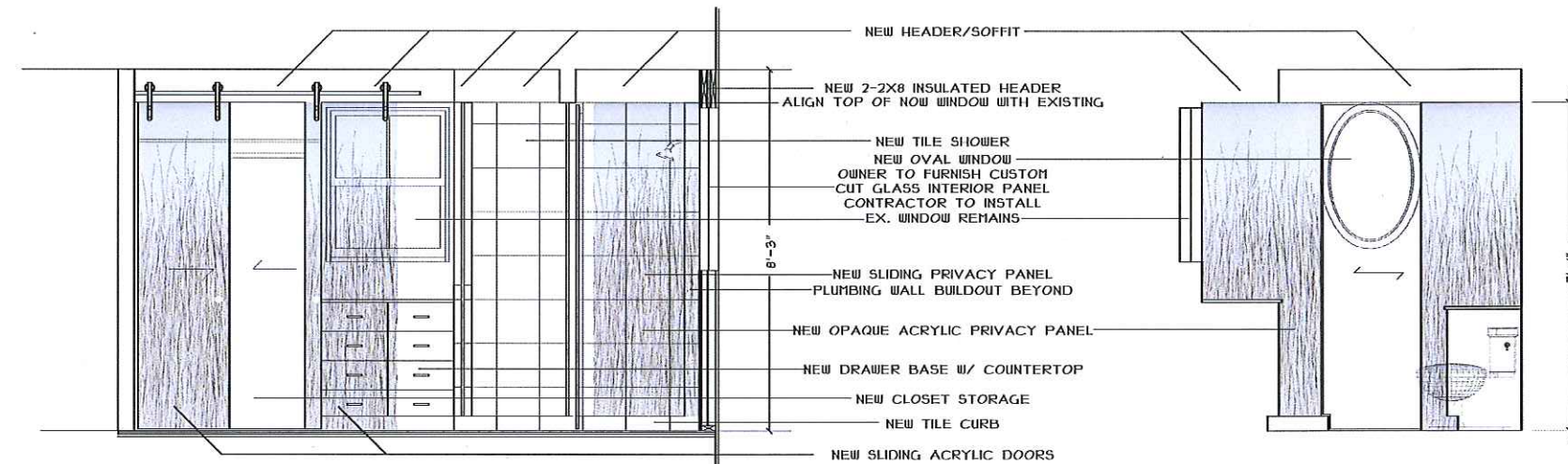
SYM	POWER DEVICES	SYM	LIGHTING	SYM	PLUMBING AND HEATING
⊖	DUPLEX OUTLET	Ⓡ	RECESSED LIGHT FIXTURE	P-1	NEW WATER CLOSET
S	SWITCH	Ⓛ	WALL MOUNTED LIGHT FIXTURE	P-2	NEW UNDERMOUNT LAV.
Ⓣ	PROGRAMMABLE THERMOSTAT	Ⓛ	FAN LIGHT COMBO FIXTURE	P-3	NEW FAUCET
				P-4	NEW SHOWERHEAD, SHOWER VALVE AND TRIM

**ELECTRICAL NOTES**  
PROVIDE GFI PROTECTED ELECTRICAL DEVICES AS REQUIRED BY ALL APPLICABLE CODES.  
INSTALL NUHEAT ELECTRIC RADIANT HEAT MEMBRANE UNDER TILE IN MASTER BATH (NOT IN SHOWER).

**PLUMBING NOTES**  
NEW PLUMBING WILL NOT BE LOCATED IN EXTERIOR WALLS SUBJECT TO FREEZING.

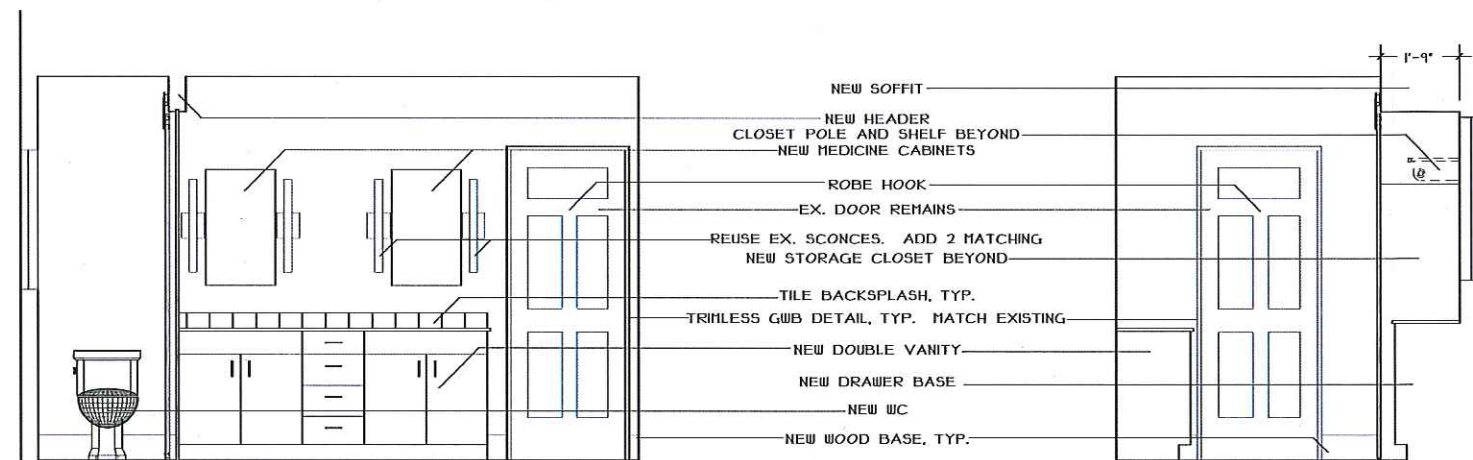


BATHROOM DEMOLITION PLAN  
SCALE IN FEET



SOUTH ELEVATION  
SCALE IN FEET

WEST ELEVATION  
SCALE IN FEET



NORTH ELEVATION  
SCALE IN FEET

EAST ELEVATION  
SCALE IN FEET

**BATHROOM FINISH SCHEDULE IN RENOVATED AREAS**

FLOOR	CEILING	WALLS	REMARKS
①	①	①③④	

**INTERIOR TRIM AND FINISH NOTES**  
**DOOR, WINDOW, AND BASE TRIM**  
SEE DETAIL A301.1 FOR TRIM DETAIL IN NEW BATH AREA.  
NEW BASEBOARD TRIM TO BE A11 NO. 1821  
NEW DOOR CASING TRIM TO BE A11 NO. 30208  
WALL AND TRIM PAINT COLOR TO BE SELECTED BY OWNER.

- FLOORING FINISHES**
- ① TILE NO. 1 BATHROOM FLOOR, BRAZILIAN SLATE. SEE DRAWINGS FOR PATTERN.
  - ② TILE NO. 2, SHOWER. MUD JOB INSTALLATION. USE WATERPROOF MEMBRANE SYSTEM.
- CEILING FINISHES**
- ① NEW BLUEBOARD AND PLASTER OVER EXISTING, PTD.
- WALL FINISHES**
- ① NEW BLUEBOARD AND PLASTER, PAINTED.
  - ② TILE NO. 1. IN SHOWER SEE DRAWINGS FOR PATTERN.
  - ③ EXISTING REMAINS. PATCH AND PAINT.

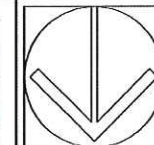
**WINDOW SCHEDULE**

SYM	PRODUCT	COMMENTS
Ⓐ	BROSCO OV1828-1828 ONE LIGHT WINDOW	CUSTOM CUT GLASS WINDOW INSERT TO BE FURNISHED BY OWNER, INSTALLED BY CONTRACTOR

NEW EXTERIOR WINDOW TRIM PROFILE TO MATCH EXISTING. VERIFY WHETHER WINDOW WALL IS LOAD BEARING PRIOR TO PROCEEDING. WHEN PRICING, CONTRACTOR TO ASSUME NEW 2-2X8 HEADER WILL BE REQUIRED. INSULATE ANY EXPOSED WALL CAVITIES PER STRETCH CODE REQUIREMENTS, TYP. EXTERIOR WINDOW AND TRIM COLOR TO BE PAINTED TO MATCH EXISTING WINDOWS, TYP. PROVIDE TEMPERED GLASS WHERE REQUIRED BY BUILDING CODE, TYP. SUBMIT WINDOW ORDER FOR ARCHITECT'S REVIEW PRIOR TO PLACING ORDER.

- GENERAL NOTES**
- DO NOT SCALE DRAWINGS, REFER TO DIMENSIONS AND DETAILS.
  - INTERIOR DIMENSIONS ARE FROM FACE OF FINISH, UNLESS OTHERWISE NOTED.
  - FIELD VERIFY ALL DIMENSIONS. NOTIFY ARCHITECT IF DIMENSIONS CANNOT BE ACHIEVED.
  - PROVIDE BLOCKING WHERE REQUIRED FOR MOUNTING EQUIPMENT AND/OR FURNISHINGS.
  - INFORMATION ON EXISTING CONDITIONS WAS OBTAINED FROM VISUAL INSPECTION OF THE PROJECT SITE. THE CONTRACTOR SHALL VERIFY THIS INFORMATION AND DETERMINE ANY NEW CONDITIONS.
  - PROTECT ALL SURFACES TO REMAIN FROM DAMAGE DURING CONSTRUCTION.
  - CONDITIONS AFFECTING THE EXECUTION OF THIS CONTRACT SHALL BE BROUGHT TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
  - BUILDING CODE REFERENCE: 180 CHR 8TH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE

PROGRESS PRINT  
FOR CHC REVIEW  
NOT FOR CONSTRUCTION



NEER BATHROOM RENOVATIONS  
9 RIEDESEL AVENUE  
CAMBRIDGE, MASSACHUSETTS 02130

BLACK RIVER ARCHITECTS, inc.

1640 Mass. Ave.  
Cambridge, MA 02138  
(617) 661-3007



Tiles

**FLOOR PLAN INTERIOR ELEVATIONS SCHEDULES NOTES**

Scale AS NOTED

Job No.

Drawing File

Drawn By JDM

Checked By AH

Date 05/03/2016