

34 FARNSWORTH STREET  
ROOF REPLACEMENT



View of the first two floors of the East elevation of 34 Farnsworth along Farnsworth Street.

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View of the upper floors of the East elevation of 34 Farnsworth along Farnsworth Street. Note the existing copper cornice below the roof edge. See the next photograph for a close-up view of this copper cornice, which is to remain.

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Close-up of the existing copper cornice to remain (lower arrow). Also note the existing aluminum parapet caps (upper arrow) which are to be replaced with copper caps to match the copper cornice. Note, the aluminum caps have to be removed so that the EPDM membrane

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View of the existing EPDM roof at the main roof of the building, looking Northwest. Note the existing aluminum parapet caps which are to be replaced with copper caps. The EPDM goes up the wall and under the caps so the existing has to be removed in order to replace the entire roof system.

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Additional view of the existing EPDM roof at the main roof of the building, looking Northwest. Note the existing aluminum parapet caps and lead-coated copper chimney caps / flashings. The aluminum and lead-coated copper flashings will be replaced with copper so they are more historically appropriate.

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Close-up view of the existing aluminum parapet caps at the main roof, these will be replaced with copper caps. As you can see the EPDM membrane (black) runs under the caps and in order to replace the EPDM we need to remove the entire cap.

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View of the existing EPDM roof at the main roof of the building, looking East.

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View of the East end of the main roof, looking South. Note the aluminum parapet caps that we would like to remove and replace with copper caps during the roof replacement.



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**REFERENCE BUILDING:** View of the West elevation of 35 Thomson Place in the Fort Point Channel Historic District. Note the existing copper roof edge flashings.

# 34 FARNSWORTH STREET ROOF REPLACEMENT



**REFERENCE BUILDING:** View of the West elevation of 25 Thomson Place in the Fort Point Channel Historic District. Note the existing copper roof edge flashings.

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**REFERENCE BUILDING:** View of the East elevation of 12 Thomson Place in the Fort Point Channel Historic District. Note the existing copper roof edge flashings.

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**REFERENCE BUILDING:** Close-up view of existing copper cap flashings at the North roof edge of 12 Thomson Place.

Plans must be filed with this application.



# Application for Permit to Build.

(1st and 2d CLASS BUILDING.)

Boston, July 2 1908.

To THE BUILDING COMMISSIONER:

The undersigned hereby applies for a permit to build, according to the following specifications:

Location, No. 34-36 Farnsworth St

Nearest cross street? Congress Ward 13

Name of Owner? Boston Wharf Co Address 259 Summer St

" Builder? " " " "

" Architect? M. D. Safford " " " "

Plans drawn by " " " "

Purpose of building is? Iron working No. of Stores? .....

How many families? .....

How near the line of the street? on line Width of street? 40'

Will the building be erected on solid or filled land? filled If in block, how many? one

Size of building, No. of feet front? 51' 10" No. of feet rear, 51' 10" No. of feet deep, 100'

No. of stories in height, 5; No. of feet in height from sidewalk to highest point of roof, 72'

Number of feet in height from level of sidewalk to highest part of wall? 74'

Number of feet in height from sidewalk to eaves? 74'

Will foundation be laid on earth, rock or piles? piles Material of foundation, Block granite

External walls, 1st, 24" 2d, 22" 3d, 20" 4th, 18" 5th, 16" 6th, ..... 7th, ..... 8th, ..... 9th, ..... 10th, .....

Party walls, 1st, 24" 2d, 22" 3d, 20" 4th, 16" 5th, 12" 6th, ..... 7th, ..... 8th, ..... 9th, ..... 10th, .....

Are the walls solid or vaulted? solid

What will be the materials of front? Brick, stone and copper

Will the roof be flat, pitch, mansard or hip? flat Material of roofing? Tar & gravel

What will be the material of cornice? Copper & brick

What will be the means of access to roof? scuttle from stairway with iron ladder

Length of piles? 20'

Number of rows? 3

Distance on centres? 3'

Diameter top? 11" Bottom? 7"

How capped? Block granite

Piles cut off at what grade? 6' Grade of basement? no basement

Are there any hoistways or elevators? one How protected? brick walls

How is building heated? steam Thickness of shell of flue? steam supplied from adjoining premises

Fire stops provided? yes Method of fire stops? Magnesia concrete

Means of extinguishing fire? none

Size of floor timbers, 1st floor, 9x12 2d, 9x14 3d, 9x16 4th, 9x14 5th, 9x14 6th, 6x10 7th, ..... 8th, .....

Span of " " 1st " 16' 2d, 16' 3d, 16' 4th, 16' 5th, 16' 6th, 16' 7th, ..... 8th, .....

Distance O. C., 1st " 4' 2d, 4' 3d, 4' 4th, 4' 5th, 4' 6th, 4' 7th, ..... 8th, .....

Stairways enclosed in brick walls? yes

Thickness of such walls? 16" + 12"

Stairway halls, how finished? brick walls, concrete stairs

**NOTE THAT ORIGINAL CORNICE WAS COPPER**

Location, ownership and detail must be complete and legible. Separate application required for every building.

Permit must be received before commencing work.

If the building is to be occupied for a Tenement or Lodging House or Family Hotel, give the following particulars:

What is the height of cellar? .....

What will be the height of ceiling on first story, ..... second, ..... third, ..... fourth, ..... fifth, ..... sixth, ..... seventh, ..... eighth, ..... ninth, ..... tenth, .....

State means of egress to be provided, .....

Style of egress? .....

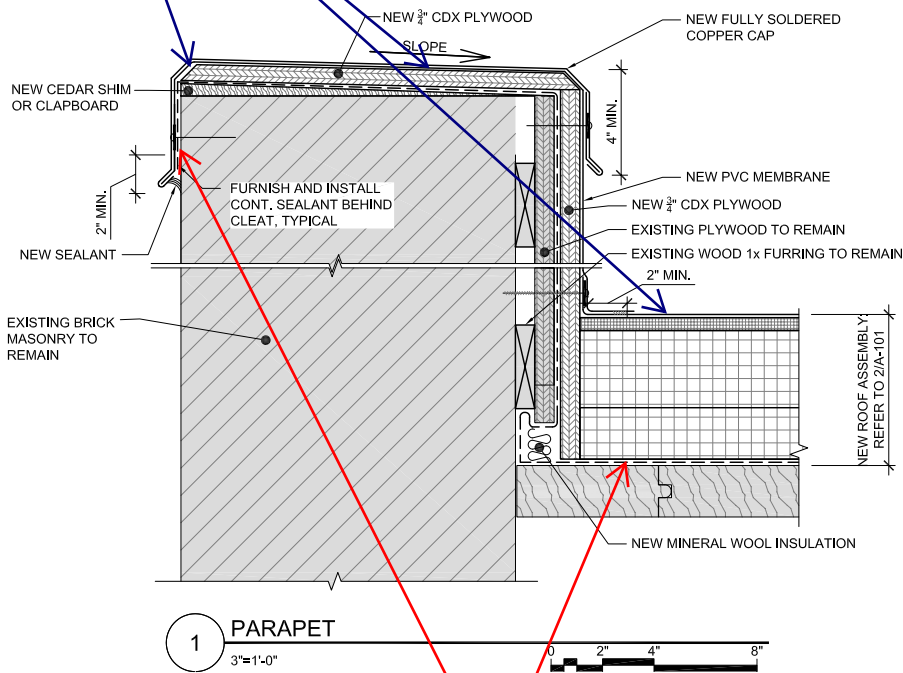
Size of lot, No. of feet front, .....; feet rear, .....; feet deep, .....

Signature of owner or authorized representative, Boston Wharf Co  
 by M. D. Safford archt  
 Address, 259 Summer St



BELOW IS THE REASON THAT THE CAPS NEED TO BE REMOVED AND REPLACED; TAKEN FROM THE SET OF CONSTRUCTION DOCUMENTS ISSUED FOR BID ON 9/27/2022.

New roof membrane will continue from the walking surface of the roof up the parapet wall across the top of the parapet wall and down to the cleat of the new parapet cap detail. Then the new membrane will be covered with the new copper cap.



date change was made, as well as the seal of the licensed architect who made or oversaw the changes.

	09-27-22	ISSUED FOR BID
MARK	DATE	DESCRIPTION
ISSUE:		

PROJECT NO.:	22092
DRAWN BY:	TL
CHECKED BY:	MSW
DRAWING SCALE:	AS NOTED

SHEET TITLE:  
**ROOF DETAILS**

SHEET:  
**A-501**

DO NOT SCALE DRAWING

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New Air/Vapor Barrier location continues from the top of existing wood deck to the outside face of existing masonry wall (dashed line).