

## Energy Efficiency Strategies — Cold Climates

### Historically Useful Then and Now

The louvered slats of the shutters are adjustable to allow for air circulation while blocking solar gain on hot days.

Used in combination with open lower sash on the ground floor, opening the sash in double-hung windows on upper floors creates air flow to cool off rooms in warm weather without using AC.

Deciduous tree will grow to provide shade from sun in the summer when leafed out and will let in warming winter sun.

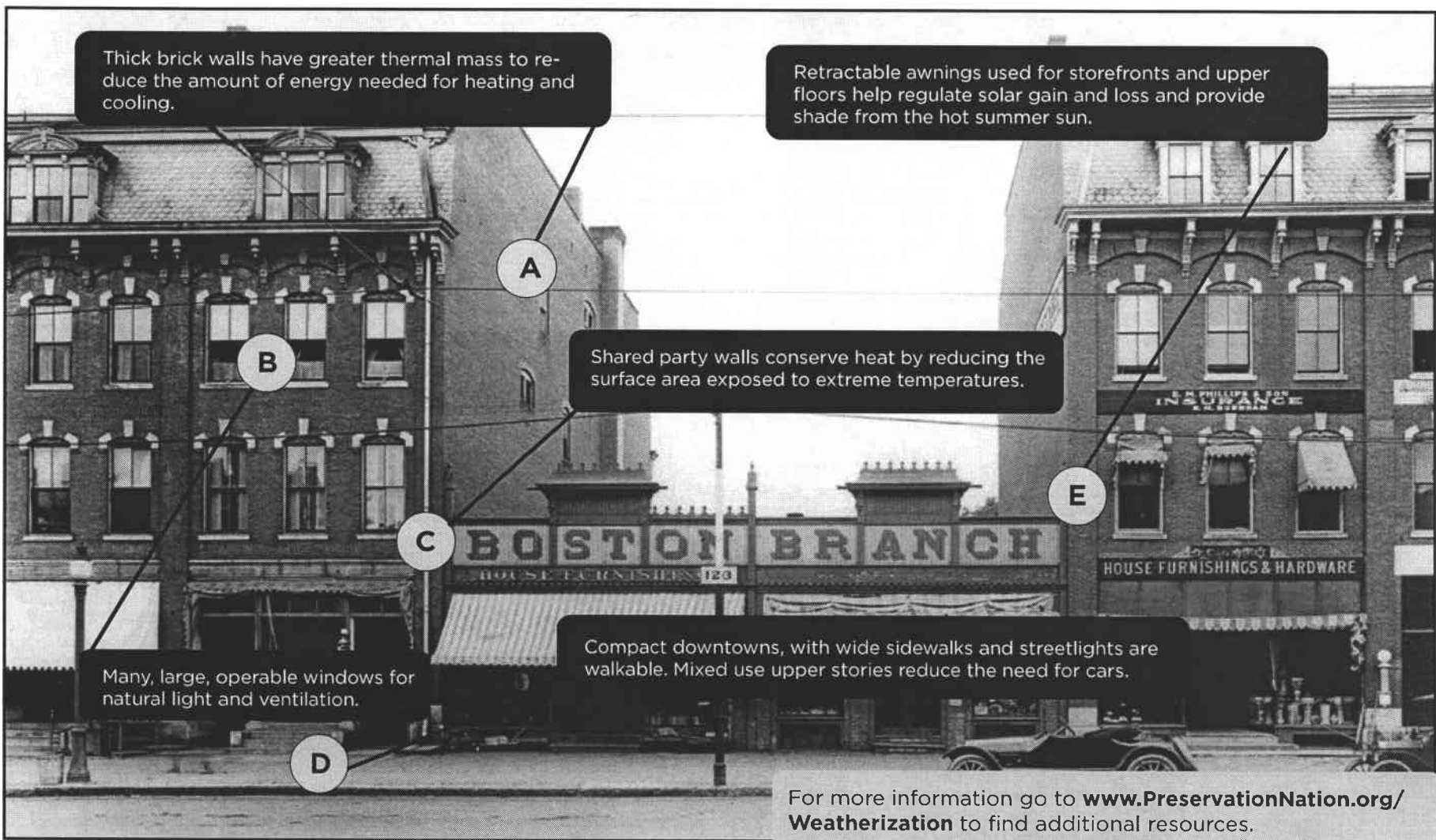
Operable shutters open and close to regulate the amount of solar heat gain or loss and reduce drafts in the winter.

For more information go to [www.PreservationNation.org/Weatherization](http://www.PreservationNation.org/Weatherization) to find additional resources.

FYI

# Energy Efficiency Strategies — Main Street

## Historically Useful Then and Now



Thick brick walls have greater thermal mass to reduce the amount of energy needed for heating and cooling.

Retractable awnings used for storefronts and upper floors help regulate solar gain and loss and provide shade from the hot summer sun.

Shared party walls conserve heat by reducing the surface area exposed to extreme temperatures.

Many, large, operable windows for natural light and ventilation.

Compact downtowns, with wide sidewalks and streetlights are walkable. Mixed use upper stories reduce the need for cars.

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[http://dlib.cwmar.org/cdm4/item\\_viewer.php?CISOROOT=/southbridge&CISOPTR=43&REC=18](http://dlib.cwmar.org/cdm4/item_viewer.php?CISOROOT=/southbridge&CISOPTR=43&REC=18)  
Masonic Building and Ammidown Building, Southbridge, MA. Photo taken 1917.

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