Provide a vapor barrier with a minimum 1 perm rating on the warm-in-winter side of walls.

Cut insulation to wrap around electrical boxes.

Seal around perimeter of windows.

A. Peel insulation apart and stuff half behind piping and wiring and the other half in front of piping and wiring. This prevents compression to insulation.

B. Make a slice in the insulation on the front (facing interior) side, the insulation is then stuffed behind the piping and wiring pulling the slice to the front and wrapping around the piping and wiring.

C. This demonstrates the incorrect way to install insulation. Buildings must maintain an energy efficiency level required through the International Energy Conservation Code. To maintain the appropriate level of efficiency, the required R-value for insulation must be maintained throughout. Compressing insulation behind piping or wiring dramatically reduces the overall R-value, and is not permitted.

Seal canned lighting with a gasket or other approved means.

Gasket or seal to lid

WALLS

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Seal all penetrations and knockouts in all electrical boxes within the thermal envelope walls.

Gasket or seal around box to wall.

Foam or seal all penetrations into unconditioned areas.

Seal the sole plate around the interior perimeter of the thermal envelope.