

What is a Building?

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A Building is an Environmental Separator

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Control heat flow

- Control airflow
- Control water vapor flow
- Control rain
- Control ground water
- Control light and solar radiation
- Control noise and vibrations
- Control contaminants, environmental hazards and odors
- Control insects, rodents and vermin
- Control fire
- · Provide strength and rigidity
- Be durable
- Be aesthetically pleasing
- Be economical

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Joseph Lstiburek 2

Joseph Lstiburek 3

Heat Flow Is From Warm To Cold
Moisture Flow Is From Warm To Cold
Moisture Flow Is From More To Less
Air Flow Is From A Higher Pressure to a
Lower Pressure
Gravity Acts Down

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