Load-Determining Factors

- Interior climate
- Exterior climate
- Site-specific microclimate
- Building-specific microclimate
- Building form and features
- Water-shedding surfaces

Building Enclosure Loads

- Water
- Air
- Heat
- Vapor
- Sound
- Fire

Control Layers

- Water Control
- Air Control
- Thermal Control
- Vapor Control

System and/or Materials

- Rainscreen Wall Rain Control Strategy: Water-Resistant Barrier System
- Mass Wall Rain Control Strategy: Storage and Absorption of Mass Material
- Perfect Barrier Rain Control Strategy: Roof Membranes, Below-Grade Waterproofing Membranes, Glass, etc.
- Air Barrier System
- Thermal Insulation & Low-Conductivity Materials
- Vapor-Retarding Materials

*Water is defined here as precipitation (rain, snow, hail, etc.) and groundwater as well as condensate moisture.
†Vapor is separately defined here as the water vapor in air.