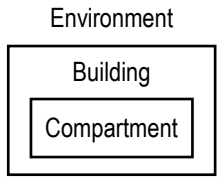


Staging Area

For Potential Additions/Revisions

Building Factors 5.2.2.1



Building Factors may be applied at multiple levels

Heat of Combustion

Potential HRR

Terrain (may have multiple influences)

Location (influence on wind, ambient temp, RH)

Potential Openings (and durability under fire conditions e.g. multi-pane windows)

Normal position of doors (open vs. closed), self-closing fire doors, other compartmentation factors. Links to compartmentation and vent profile

Void spaces

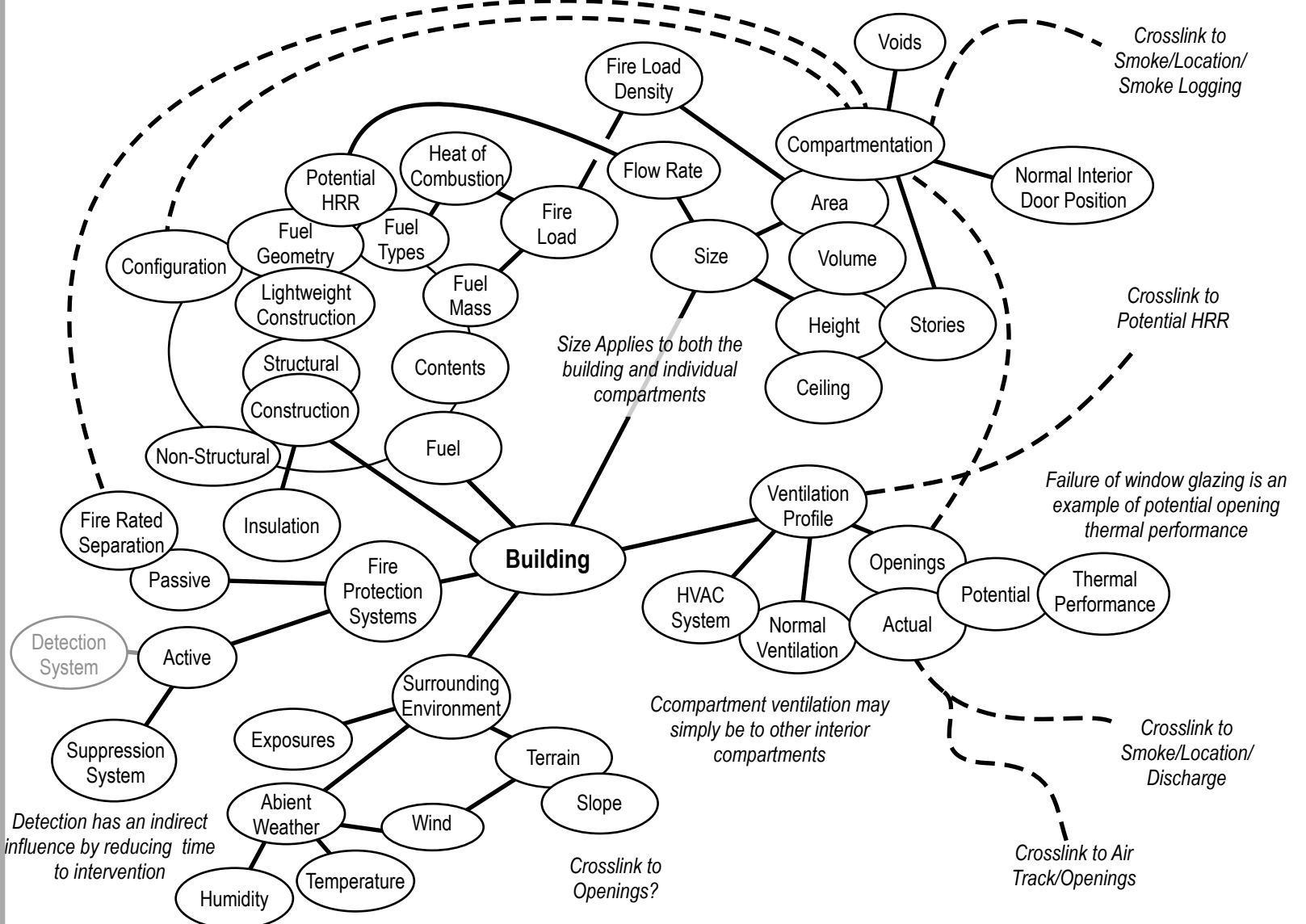
Lightweight construction (this may impact on more than collapse, e.g. fuel geometry)

Wind effects in both high and low rise buildings (may be a crosslink to Air Track)

Crosslink vent profile and required fire flow?

Compartmentation/fire doors - crosslink with fire protection systems

Exposures



Detection has an indirect influence by reducing time to intervention

Unlike other building factors, potential ambient conditions are more variable

Crosslink to Air Track

Crosslink to Openings?

Compartment ventilation may simply be to other interior compartments

Crosslink to Air Track/Opening

Failure of window glazing is an example of potential opening thermal performance

Crosslink to Potential HRR

Crosslink to Smoke/Location/Smoke Logging