D - diversity - P2 waves from one zone to another.

Chapter 7 - Heat and Moisture Flow in Buildings

Various Building construction techniques
Fig 7.1.
- Cable Roof
- Hip Roof
- Slab on grade
- Crawl space

OSB Oriented Strand Board

Slab on grade vs Crawl space
Fig 7.2

Need to put moisture barrier to keep crawl space dry

Wall construction - Fig 7.3.
2x4 construction allows:
1) insulated eaves
2) insulation at "T" for interior walls
Fig 7.4: Light Medium Heavy
Wall constructions

CLTD
CLF
SCL

Roof/Ceilings

Fig 7.5 Reinf. Trusses

Windows - Fig 7.7

SHGF - Solar Heat Gain Factor
SCL - Solar Cooling Loads
SC - Shading Coefficient

Building Heat Transfer Characteristics

Table 7-1 composite table.