

Building Design Information

Design Criteria:

- Residential Roof Snow Load (IRC): 50 Pf
- Commercial/Industrial Ground Snow Load (IBC): Per State Fire Marshal Review
- Decks: 50 psf Live Load
- Wind: 100 mph = 30 psf
- Wind exposure = c
- Seismic: 2B

Minimum Insulation Values:

- Ceiling: R-49 minimum required
- Walls: R-30 or 20 + 5ci or 13 + 10ci or 0 + 20ci
- Floor: R-38 minimum required
- Glazing: u-0.35 maximum required

Current Building Codes (PMC 17.02.005)

- 2021 International Building Code
- 2021 International Residential Code
- 2021 International Mechanical Code
- 2021 Uniform Plumbing Code
- 2021 International Fire Code
- 2017 National Electrical Code