



HOOPER CITY DESIGN CRITERIA

- Seismic Zone: D-2
- Roof Snow load: 30 lbs psf
- Ground Snow Load: 43 psf or **Utah Ground Snow Load Map**
<https://www.usu.edu/utahsnowload/>
- Wind Speed: 90 mph (Conventional Construction) ASEC 7-10 (Non-Conventional)
- Exposure: B (Residential), C (Commercial)
- Frost Depth: 30 inches
- Allowable Soil Bearing Pressure = 1,500 psi

Governing Codes:

- 2021 International Building Code, (including appendices C and J)
- 2021 International Residential Code (Including Appendices AQ and AE)
- 2021 International Residential Code Chapter 11, Energy Efficiency
- 2021 International Plumbing Code
- 2021 International Mechanical Code
- 2021 International Fuel Gas
- 2021 International Fire Code
- 2020 International Electrical Code
- 2020 National Electrical Code
- 2021 International Energy Conservation Code residential provisions
- 2021 International Energy Conservation Code commercial provisions
- 2021 International Existing Building Code
- 2021 International Swimming Pool and Spa Code, residential provisions

Note: All referenced “International Codes” will become effective for permits issued after July 1, 2023.

Please use the following link for all additional state specific code amendments:
<https://le.utah.gov/xcode/Title15A/Chapter3/15A-3.html>

Local Engineering Consultants:

- R. Doug Jones: (801) 776-6510
- Bill York – Kelby: (801) 876-3501
- ARW Engineers: (801) 782-6008

Local Geo-Technical Engineers:

- AGECE: (800) 355-2432
- AMEC: (801) 266-0720
- Terracon: (801) 545-8500
- Y2 Geotech: (801) 771-4209
- Earthtech: (801) 399-9516