

# **WOODS CROSS CITY BUILDING CODES and DESIGN CRITERIA**

## **RESIDENTIAL BUILDING CODES**

2021 International Residential Code with Appendix AE and AQ\*  
2015 International residential Code Chapter 11\*  
2021 International Swimming Pool and Spa Code\*

## **COMMERCIAL CONSTRUCTION BUILDING CODES**

2021 International Building Code with Appendix C and J\*  
2021 International Mechanical Code\*  
2021 International Fire Code\*  
2021 International Plumbing Code\*  
2021 International Fuel Gas Code\*  
2021 International Energy Conservation Code\*  
2020 National Electrical Code\*  
2021 International Existing Building Code\*  
2009 ICC/ANSI 117.1 Accessible and Usable Buildings & Facilities\*

## **DESIGN CRITERIA**

Seismic: IBC Section 1613 with applicable Risk Category – IBC Table 1604.5  
(IRC Section 301.2.2-Zone D.2)

Wind: Wind speed is 115 mph 3 sec. gust special wind region (Woods Cross Authority Having Jurisdiction has established a wind load greater than the IBC wind maps as allowed per IBC Section 1609.3) and applicable Risk Category – IBC Table 1604.5; Exposure “C: (IRC R301.2.1 – 115 mph  
3 sec. gust; Exposure “C”)

Ground Snow Load: 43 psf minimum ground snow load (Woods Cross Authority Having Jurisdiction (AHJ) has established minimum snow loads greater than the 2018 Utah Ground Snow Load Study.))

Snow Live Load: 30 lb. psf  
Frost Depth: 30 inches

Climate Zone: 5B

\*- As adopted by the State of Utah. See Utah Code Title 15A for a complete list of adopted codes and amendments.