CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD : Based on elevation.

WIND SPEED : Fastest mile 76 MPH, 3 second gusts 90 MPH

SEISMIC DESIGN CATEGORY : Area West of Henrieville SITE CLASS D
Area East of Henrieville SITE CLASS C
Area 30 Miles East of Boulder SITE CLASS B

WEATHERING PROBABILITY : Severe

FROST LINE DEPTH : 33”

TERMITE INFESTATION : Moderate to Heavy

WINTER DESIGN TEMPERATURE : Salt Lake City 8. Recommend 3 for Garfield County

ICE BARRIER UNDERLAYMENT REQUIRED : Yes, Required per IRC R-703.1, R-703.8 Uniform Building Standards Act Rules, R-156-56-711 (2)

FLOOD HAZARD : Per Garfield County Flood Damage Prevention Ordinance No. 1986-4, 1989-1 and 1989-3 including any amendments thereafter. Shall also comply with the most current adopted International Building & Residential Code.

AIR FREEZING INDEX : 923 to 2084 (100 year 99%)

MEAN ANNUAL TEMPERATURE : 40.1 to 53 degrees

MINIMUM FOOTINGS: 9 inches thick by 20 inches wide