

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

Ground Snow load (revised Oct 25, 1999)

Wind Loading (added March 2001)

| Location | Area | Elevation approx. Ft. (m) | New GSL | | Wind Loads (kPa) | | | Minimum Footing Depth |
|---------------------|------|------------------------------|---------|------|------------------|------|-------|--------------------------|
| | | | Psf | Kpa | 1/10 | 1/30 | 1/100 | |
| Beaverdell | E | 2592 (790) | 71 | 3.4 | 0.24 | 0.33 | 0.44 | 30" |
| Beaver Falls | A | | 80 | 3.8 | | | | 30" |
| Big White | E | 5810 (1771) | 350 | 16.8 | 0.36 | 0.44 | 0.53 | 36" |
| Big Sheep Creek | B | | 80 | 3.8 | | | | 30" |
| Bridesville | E | | 101 | 4.8 | | | | 30" |
| Carmi | E | 2772 (845) | 76 | 3.6 | 0.24 | 0.33 | 0.44 | 30" |
| Casino | B | | 86 | 4.1 | | | | 30" |
| Christian Valley | E | | 65 | 3.1 | | | | 30" |
| Christina Lake | C | 1493 (455) | 63 | 3.0 | 0.26 | 0.32 | 0.39 | 30" |
| Fife | C | 1962 (598) | 73 | 3.5 | 0.26 | 0.32 | 0.39 | 30" |
| Fruitvale | | 2000 (609) | 86 | 4.1 | 0.24 | 0.30 | 0.37 | 30" |
| Genelle | B | | 71 | 3.4 | | | | 30" |
| Grand Forks | | 1854 (565) | 53 | 2.5 | 0.26 | 0.36 | 0.48 | 30" |
| Greenwood | | 2444 (745) | 76 | 3.6 | 0.29 | 0.39 | 0.52 | 30" |
| Idabel Lake | E | | 151 | 7.2 | | | | 36" |
| Jewel Lake | E | | 101 | 4.8 | | | | 30" |
| Marsh Creek | A | | 88 | 4.2 | | | | 30" |
| Midway | | 1900 (580) | 63 | 3.0 | 0.29 | 0.39 | 0.52 | 30" |
| Montrose | | 2018 (615) | 78 | 3.7 | 0.22 | 0.30 | 0.41 | 30" |
| Mt. Baldy | E | | 165 | 7.9 | | | | 36" |
| Nicholson Creek | E | | 126 | 6.0 | | | | 30" |
| Nine Mile Pass | A | | 101 | 4.8 | | | | 30" |
| Patterson | B | 2200 (670) | 76 | 3.6 | 0.26 | 0.32 | 0.37 | 30" |
| Phoenix | D | | 151 | 7.2 | | | | 36" |
| Red Mtn. Base | | | 155 | 7.4 | | | | 36" |
| Rock Creek | E | | 61 | 2.9 | | | | 30" |
| Rossland | | 3400 (1036) | 145 | 6.9 | 0.26 | 0.32 | 0.39 | 36" |
| Trail | | 1444 (440) | 78 | 3.7 | 0.26 | 0.32 | 0.39 | 30" |
| 28 Mile Bridge | D | | 71 | 3.4 | | | | 30" |
| Waneta landing | A | 1400 (427) | 71 | 3.4 | | | | 30" |
| Warfield | | 2000 (609) | 86 | 4.1 | 0.26 | 0.32 | 0.39 | 30" |
| Westbridge | E | 2057 (627) | 67 | 3.2 | 0.33 | 0.40 | 0.49 | 30" |
| Wilgress Lake Eholt | D | | 80 | 3.8 | | | | 30" |

Rain Load (For Snow Load Calculations)

Areas A,B,C,D and Municipalities - 2 psf / 0.1 kPa

Area E - 5 psf / 0.2 kPa

Big White - 7 psf / 0.3 kPa