



VILLAGE OF RUIDOSO

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WIND UPLIFT; 115 ULTIMATE WIND SPEED AND CATEGORY "B"

BIG SIDE IS 40' WIDE: TABLE R802.11 IS 260# UPLIFT AT EACH RAFTER/2= 130 PLF

**WALL LINE 1: 1ST SECTION; 20' LONG WITH 2 BRACE WALLS, 4 HOLD DOWNS POSSIBLE
2ND SECTION; 45' LONG WITH 4 BRACE WALLS, 8 HOLD DOWNS POSSIBLE
ROOF BEAM; 15' LONG WITH 2 POSTS, 2 HOLDDOWNS REQUIRED**

20' X 130# = 2600#	2600# / 4 = 650# @ EACH HOLD DOWN
45' X 130# = 5850#	5850# / 8 = 731# @ EACH HOLD DOWN
15' X 130# = 1950#	1950# / 2 = 975# @ EACH HOLD DOWN

**WALL LINE 3: 1ST SECTION; 20' LONG WITH 2 BRACE WALLS, 4 HOLD DOWNS POSSIBLE
2ND SECTION; 22' LONG WITH 2 BRACE WALLS, 4 HOLD DOWNS POSSIBLE
ROOF BEAM; 10' LONG WITH 2 POSTS, 2 HOLDDOWNS REQUIRED**

20' X 130# = 2600#	2600# / 4 = 650# @ EACH HOLD DOWN
22' X 130# = 2860#	2860# / 4 = 715# @ EACH HOLD DOWN
10' X 130# = 1300#	1300# / 2 = 650# @ EACH HOLD DOWN

SMALL SIDE IS 28' WIDE: TABLE R802.11 IS 198# UPLIFT AT EACH RAFTER/2= 99 PLF

WALL LINE B & C: REQUIRE NO CONNECTIONS BEYOND TABLE R602.3 (1)