

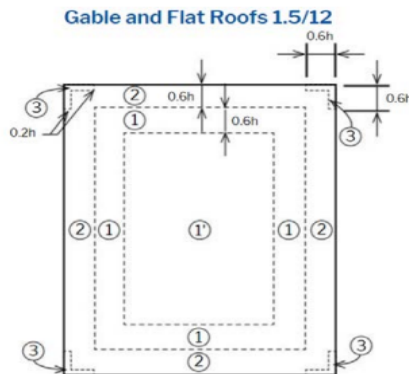


COMPONENTS AND CLADDING WORST CASE DESIGN PRESSURES.

Charts are for 1 & 2 Family Dwellings Only

Note: The 7th EDITION CODE NOW REFERENCES DIFFERENT ROOF TYPES (FLAT, GABLE AND HIP) AND NEW ZONES. PLEASE USE THE CHART THAT CORRESPONDS TO SPECIFIC ROOF TYPE AND SLOPE.

**Gable or Flat Roof 0 to 7 degrees
(0-1½:12 Pitch)**

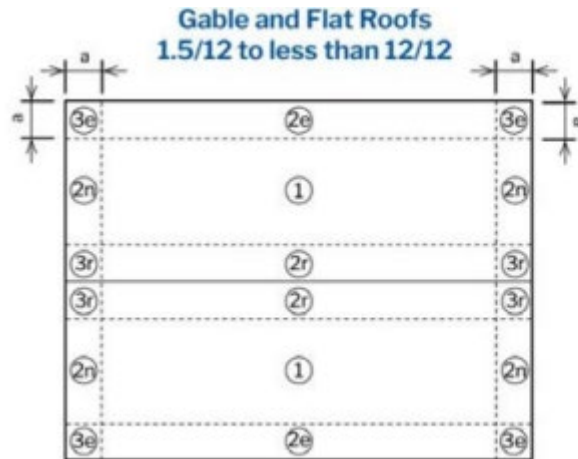


Roof Slope	Zones	160 Exp. C One Story	160 Exp. C Two Story	160 Exp. D One Story	160 Exp. D Two Story
Roof Slope >0 to 1 ½ :12 1 ½/12 pitch)	Zone 1, 1'	-53.3	-61.6	-64.7	-73.1
	Zone 2	-70.4	-81.4	-85.5	-96.5
	Zone 3	-95.8	-110.8	-116.3	-131.4

Roof coverings installed on building with a Mean Roof Height of 30' or less Exposures C or D. Table R301.2 [2] altered per R301.2.1.6 of the FBC Residential. One Story max, roof height of 15', Two Story max. roof height of 30 ft. Zone 3 based on Figure R301.2 [7] 160 mph winds east of I 95 per current IRC Wind Speed map.

Diagrams from FloridaBuilding.org 2020 Florida Building Code, Residential, 7th Edition

Gable Roofs >7 degrees to 45 degrees (>1½:12 to 12:12 Pitch)



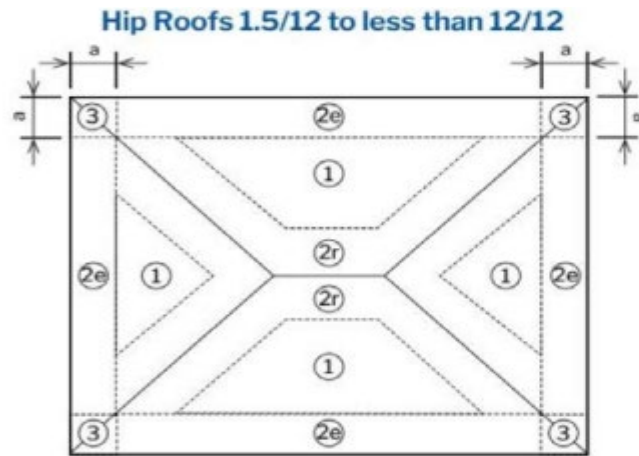
a= 4 Feet

Roof Slope	Zones	160 Exp. C One Story	160 Exp. C Two Story	160 Exp. D One Story	160 Exp. D Two Story
>1 ½ :12 to 4 ½: 12	Zone 1,2e	-61.8	-71.4	-75.0	-84.7
	Zone 2n,2r,3e	-90.2	-104.3	-109.6	-123.7
	Zone 3r	-98.1	-113.4	-119.1	-134.7
>4 ½:12 to 6:12	Zone 1,2e	-47.6	-55.1	-57.8	-65.3
	Zone 2n,2r,3e	-76.0	-88.0	-92.4	-104.3
	Zone 3r	-81.7	-94.5	-99.3	-112.1
>6:12 to 12:12	Zone 1,2e,2r	-56.2	-65.0	-68.3	-77.1
	Zone 2n,3r	-61.8	-71.4	-75.0	-84.7
	Zone 3e	-71.0	-82.1	-86.2	-97.3

Roof coverings installed on buildings with a Mean Roof Height of 30' or less Exposures C or D. Table R301.2 [2] altered per R301.2.1.6 of the FBC Residential. One Story max. roof height of 15 ft., Two Story max. roof height of 30 ft. Zone 3 based on Figure R301.2 [7] 160 mph winds east of I 95 per current I.R.C. Wind speed map.

Diagrams from FloridaBuilding.org, 2020 Florida Building Code, Residential, 7th Edition

Hip Roofs >7 degrees to 45 degrees (>1½:12 to 12:12 Pitch)



a= 4 Feet

Roof Slope	Zones	160 Exp. C	160 Exp. C	160 Exp. D	160 Exp. D
		One Story	Two Story	One Story	Two Story
>1 ½ :12 to 4 ½: 12	Zone 1	-56.2	-65.0	-68.3	-77.1
	Zone 2r	-73.1	-84.6	-88.8	-100.3
	Zone 2e,3	-74.1	-85.7	-90.0	-101.6
>4 ½:12 to 6:12	Zone 1	-44.8	-51.8	-54.4	-61.5
	Zone 2e,2r,3	-61.8	-71.4	-75.0	-84.7
>6:12 to 12:12	Zone 1	-47.6	-55.1	-57.8	-65.3
	Zone 2e	-56.7	-65.6	-68.8	-77.7
	Zone 2r	-64.9	-75.1	-78.8	-89.0
	Zone 3	-65.1	-75.4	-79.1	-89.4

Roof coverings installed on buildings with a Mean Roof Height of 30' or less Exposures C or D. Table R301.2 [2] altered per R301.2.1.6 of the FBC Residential. One Story max. roof height of 15 ft., Two Story max. roof height of 30 ft. Zone 3 based on Figure R301.2 [7] 160 mph winds east of I 95 per current I.R.C. Wind speed map.

Diagrams from FloridaBuilding.org, 2020 Florida Building Code, Residential, 7th Edition