CITY OF SANTA CLARITA
BUILDING & SAFETY DIVISION
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Structural Design Criteria - Information to be Included on Plans

The following structural design information shall be indicated on the construction documents as required by section 1603 of the 2019 California Building Code.

	Structural Design Criteria	Code References
LOADING	Floor dead load(s) and live load(s) used in design including any live load reductions applied (itemize by area).	CBC sec. 1606, Table 1607.1, CBC sec. 1607.10
	Roof dead and live loads	CBC sec. 1606, sec. 1607.12
	Snow Load: 0-5 psf.	CBC fig. 1608.2
	Special loads	if applicable, see CBC sec. 1603.1.8
WIND	Ultimate design wind speeds: (88 mph) For risk category I buildings & other structures. (95 mph) For risk category II buildings & other structures. (106 mph) For risk category III & IV buildings & other structures.	CBC Figs. 1609.3(1), 1609.3(2), & 1609.3(3), 1609.3(4)
	Wind exposure category	CBC sec 1609.4.3
	Applicable internal pressure coefficient	ASCE 7 Sec 26.11
	Components and cladding wind pressure (psf)	ASCE 7 Sec. 26.1.2.2
SEISMIC	Seismic importance factor	ASCE 7 Table 1.5-2
	Mapped spectral response accelerations, Ss & S_1	CBC sec. 1613
	Site class	CBC sec. 1613.2.2
	Spectral response coefficients, S_{DS} & S_{D1}	CBC sec. 1613.2.4
	Seismic design category	CBC sec. 1613.2.5
	Basic seismic force resisting system(s)	ASCE 7 12.14.4
	Design base shear (kips)	ASCE 7 sec. 12.8.1
	Seismic response coefficient(s), Cs	ASCE 7 sec. 12.8.1.1
	Response modification factor(s), R	ASCE 7 Table 12.2-1 Table 12.14-1 (simplified method) Table 15.4-1,2 (non-building structure)
	Seismic analysis procedure used	

Wind and seismic design criteria shall both be shown on the plans, regardless of which type of loading governs the design.

Construction documents for buildings of conventional light-frame construction (CBC §2308) need only indicate the structural design information included in CBC §1603.1 (exception).