

[1] Project Summary

2025-06-29 | 02:39AM v0101 code

[1] Project Summary

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Table 1 - Title of table [file: i01/project-data.csv]

Client	Aaron Kahn
Address	10 Fairfield Ave
City	Corte Madera
State	California
Zip	94947
County	Marin
Project Name	Solar Canopy
Project Number	24-001
Contract Amount	"\$1
Total Amount	"\$1
Building Code	2015 CRC
Date Started	01-01-2020
Date Completed	01-01-2021
Construction Started	06-01-2022
Construction Completed	06-01-2023
Materials	"steel

[2] Overview and Codes

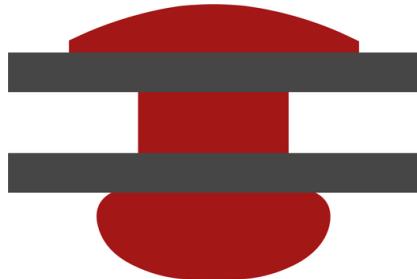


Fig. 1 - Wind Load 1

[1] Project Summary

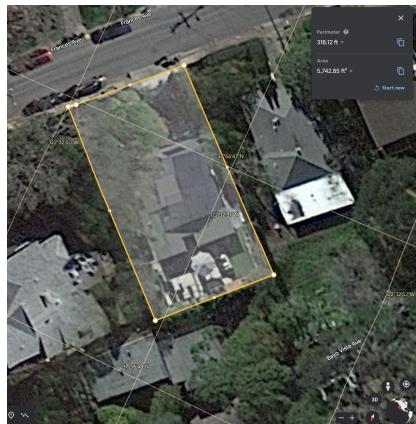


Fig. 2 - Wind Load 2

adl	1
wt = + 4 + 1	
2	$\sin(x)$

Table 2: New Table

some example text from a file

Table 3 - My Table [file: i01/cbc2019A_stds.csv]

Category	Standard	Year
Loading	ASCE-7	2016
Concrete	ACI-318	2014
Wood-National Design Specifications	AWC-NDS	2018
Wood-Special Design Provisions for Wind and Seismic	AWC-SDPWS	2015
Wood Frame Construction Manual	AWC-WFCM	2018

Table 4 - Another Table Title [file: i01/load_types01.csv]

Var	Load Effect	Notes
D	Dead load	See IBC 1606 and Chapter 3 of this publication
E	Combined effect of horizontal and vertical earthquake-induced forces as defined in ASCE/SEI 12.4.2	See IBC 1613, ASCE/SEI 12.4.2 and Chapter 6 of this publication
Em	Maximum seismic load effect of horizontal and vertical forces as set forth in ASCE/SEI 12.4.3	See IBC 1613, ASCE/SEI 12.4.3 and Chapter 6 of this publication
H	Load due to lateral earth pressures, ground water pressure or pressure of bulk materials	See IBC 1610 for soil lateral loads

[3] Gravity Loads and Seismic Mass

L	Live load, except roof live load, including any permitted live load reduction	See IBC 1607 and Chapter 3 of this publication
Li	Roof live load including any permitted live load reduction	See IBC 1607 and Chapter 3 of this publication
R	Rain load	See IBC 1611 and Chapter 3 of this publication
W	Load due to wind pressure	See IBC 1609 and Chapter 5 of this publication

Table 5 - Load Combinations 2 [file: i01/asce7_load_comb.csv]

CBC 2019 reference	Equation
Equation 16-1	1.4(D +F)
Equation 16-2	1.2(D + F) + L.6(L + H) + 0.5(L or S or R)
Equation 16-3	1.2(D + F) + L.6(Lr or S or R) + L.6H + (f1L or 0.5W)
Equation 16-4	1.2(D + F) + 1.0W + f1L + 1.6H + 0.5(Lr or S or R)
Equation 16-5	1.2(D + F) + 1.0E + f1L + L.6H + f2S
Equation 16-6	0.9D+ L.0W+ L.6H
Equation 16-7	0.9(D + F) + 1.0E+ L.6H

[3] Gravity Loads and Seismic Mass

Table 6: First Floor Dimensions

variable	value	[value]	description
area1	10700.00 sf	994.06 SM	roof area
area2	100000.00 sf	9290.30 SM	floor area
area3	25.00 sf	2.32 SM	floor area
ht1	9.00 ft	2.74 m	wall height
len1	110.00 ft	33.53 m	interior wall length
len2	155.00 ft	47.24 m	exterior wall length
udl1	12.20 psf	584.14 Pa	dead load 1
udl2	22.20 psf	1062.94 Pa	dead load 2

Table 7 - Another values table [from file: v01/test1.csv]

variable	value	[value]	description
floordl1	50.00 psf	2394.01 Pa	interior wall length
floordl2	10.00 psf	478.80 Pa	exterior wall length

Floor and wall areas - **Eq 1**

Table 8 - Exterior wall - total area load [from file: v01/test2.csv]

variable	value	[value]	description

[3] Gravity Loads and Seismic Mass

len1	410.00 ft	124.97 m	interior wall length
len2	455.00 ft	138.68 m	exterior wall length