Load Certification Form #101©

Manufacturer: _____ NGMA Member ____ Non-NGMA Member____

Model Style: _____

House Dimensions:

No. of Houses _____ Width _____ Length _____ Eave Height _____ Ridge Height _____

Customer Name: _____ Address: _____

1. Design Data: _____ International Building Code / ASCE 7-_____

Building Category	I / II (I if Production greenhouse)
Roof Dead Load	DL_R = _____psf
Collateral Load (ie crop load)	CL_R = _____psf
Roof Live Load	LL_R = _____psf

SNOW DESIGN:

Ground Snow Load	P_g = _____ psf
Snow Exposure Factor	C_e = _____
Snow Load Importance Factor	I_s = _____
Thermal Factor	C_t = _____
Roof Slope Factor	C_s = _____ (1.0 for gutter connected roofs)
Roof Snow Load	$P_f = 0.7*C_e*C_t*I*P_g*C_s$= _____ psf
Minimum Roof Snow Load	P_f = _____psf

SEISMIC DESIGN:

Seismic Importance Factor	I_E = _____
Spectral Response Acceleration (mapped)	S_S = _____
Spectral Response Acceleration (mapped)	S_1 = _____
Site Class	_____
Spectral Response Coefficient	S_{DS} = _____
Spectral Response Coefficient	S_{D1} = _____
Seismic Design Category	_____
Response Modification Factor	R = _____
Design Base Shear	V = _____*W

WIND DESIGN:

Ultimate Design Wind Speed	V = _____ mph
Nominal Design Wind Speed	V = _____ mph
Wind Exposure	Exp. _____
Internal Pressure Coefficient	G_{cpi} = +/- ____
Basic Wind Pressure	q = _____ psf

Engineer Certification Stamp

Comments: _____

_____

_____

The above loads have been certified by:

_____ Date: _____

Professional Engineer