JOB ADDRESS: _____

WIND SPEED: _____ EXPOSURE: _____

THE TOWN OF INDIAN RIVER SHORES FLORIDA

These Tables Are For Roof Coverings on One and Two Family Dwellings

Roof coverings installed on buildings with a mean roof height of 30' or less located in Exposures B, C or D.
Table R301.2 [2] altered per R 301.2.1.6 of the 5th Edition FBC Residential.

COMPONENTS AND CLADDING WORST CASE DESIGN PRESSURE [PSF]
160 mph wind speed zone is east of I 95 per current I.R.C Wind speed map

		160 Exp C (One story*)	160 Exp C (Two story*)	160 Exp D (One story*)	160 Exp D (Two story*)
Roof > 0 to 7 degrees	*Zone 1*	-33.4	-38.7	-40.6	-45.9
7degrees = 11/2/12 pitch	*Zone 2*	-56.2	-65.0	-68.3	-77.1
	Zone 3	-84.5	-97.7	-102.7	-115.9
Roof > 7 to 27 degrees	*Zone 1*	-30.7	-35.5	-37.2	-42
27 degrees = 6/12 pitch	*Zone 2*	-53.4	-61.8	-64.9	-73.3
	Zone 3	-78.8	-91.2	-95.7	-108.1
Roof > 27 to 45 degrees	*Zone 1*	-33.7	-40.0	-40.1	-46.2
45 degrees = 12/12 pitch	*Zone 2*	-39.3	-45.4	-47.7	-53.8
	Zone 3	-39.3	-45.4	-47.7	-53.8

One story* = one story building with a maximum mean roof height of 15 feet
Two story* = two story building with a maximum mean roof height of 30 feet

If allowed by the Miami Dade N.O.A or Florida Product Approval, any system that does not meet minimum components and cladding pressures for the area that the building is located per this form may require a Florida licensed engineer to revise the fastener spacing.

Per Table R402.1.1 of the 5th Edition FBC Energy Conservation, Skylights shall have a maximum U - factor of .65 and SHGC of .30.