



07/28/21

City Of Pompano Beach
Development Review Committee
100 West Atlantic Blvd
Pompano Beach, FL 33060

Re: Raceway #951 Atlantic – Sustainable Development options and points

The Following are information regarding the proposed building construction as they apply to sustainable point's schedule:

Hurricane Resistance Structure – 4 Points

The proposed design design of the main building will approximately 166 MPH (ULT)/129 MPH (ASD). The Building will be designed for the code-required minimum wind speed and additional FBC requirements for being in what Florida classifies as a High Velocity Hurricane Zone.

Overhangs – 2 Points

There is a 3' 5" wide overhang that extends the length of the of the storefront facing south of the RaceWay facility.

White Roof – 2 Points

The specified roofing membrane is a DURO-LAST membrane WHITE 50mil thermoplastic Roofing system. The Following are the cool Roof Rating Council (CRRC) values for the specified roof to be installed in the proposed RaceWay Facility:

Cool Roof Rating Council (CRRC)

	CRRC ID	Solar Reflectance		Thermal Emittance		Solar Reflective Index (SRI)	
		Initial	3-yr	Initial	3-yr	Initial	3-yr
White	0610-0001	0.88	0.68	0.87	0.84	111	82

Reference from manufacturer date available on DURO-LAST website.

DRC
www.drc.com

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Efficient Cooling – 2 Points

The following are the EER (Energy Efficient Ratio) and SEER (Seasonal Energy Efficient ratio).

- RTU's #1 and #2 (RW Units): 11.00 EER

Other

Energy Efficient Windows/Doors – 1 Point

FG5750-T by Old Castle Building Envelope have a U-Factor of 0.44 and a Solar Heat Gain Coefficient of 0.25.

Air Leakage meets ASTM E283 Test Method for rate of Air Leakage through Exterior Windows, Curtains Walls and Doors.

Programmable Thermostats – 1 Point

Programmable Thermostats are proposed as part of the Design of the project.

All hot water pipes are insulated. – 1 Point

Energy Efficient LED Lighting provided in the interior and exterior. – 1 Point

TOTAL POINTS - 14

Sincerely,

Taylor Kitchens

Project Designer

BRR Architecture

DRC
www.brrarch.com

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