



05/18/21

City Of Pompano
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

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.

Infill or Mixed Use Development

Existing property to be redeveloped into RaceTrac Market with fuel dispensers.

Overhangs

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

White Roof

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.brrarch.com

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Efficient Cooling

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

FG5750-T by Old Castle Building Envelope have a U-Factor of 0.28 and a Solar Heat Gain Coefficient of 0.27

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

Programmable Thermostats

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

All hot water pipes are insulated.

Energy Efficient LED Lighting provided in the interior and exterior.

Sincerely,
Grazia Casco
Program Manager
BRR Architecture

DRC

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