

CORAL GABLES SUSTAINABILITY ADVISORY BOARD
 CORAL GABLES CORAL GABLES YOUTH CENTER – THEATER ROOM
 405 UNIVERSITY DRIVE
 CORAL GABLES, FL 33134

WEDNESDAY, MARCH 23, 2016 @ 4:30 P.M.

- MINUTES -

MEMBERS	A 15	M 15	J 15	J 15	A 15	S 15	O 15	N 15	D 15	J 16	F 16	M 16	APPOINTED BY:
Ramesh Airan				P	P	P	P	P	P	P	P	P	Mayor Cason
Sharon Trbovich				-	A	P	P	E	E	P	P	P	Vice Mayor Quesada
Meg Daly				A	P	P	E	P	E	E	A	A	Commissioner Lago
Roy Wasson				P	P	P	P	P	P	P	P	P	Commissioner Slesnick
Marlin Ebbert				P	P	P	P	P	P	P	P	P	Commissioner Keon
Enrique Bernal				A	P	P	P	E	P	P	P	P	City Manager Swanson-Rivenbark
Irela Bague				-		P	P	P	P	P	P	P	City Commission-As-A-Whole

A – Absent
 P – Present
 E – Excused
 (*) no meeting

STAFF:

Matthew Anderson, Sustainability Advisory Board Staff Liaison

CALL TO ORDER:

Chair person, Ray Airan called the meeting to order at 5:05 pm.

GUEST:

Rhonda Anderson, Coral Gables Resident
 Jasper Brock, Coral Gables Resident
 Richard J. Bookman, Coral Gables Resident
 Derek Chalk, Gerard USA, Florida Territory Manager
 Bill Miner, Coral Gables Building Director
 Tom Moore, Coral Gables Resident - Miami Beach, Planning & Zoning
 Reinato Vera, Coral Gables Resident - Architect

MOTIONS:

February 24, 2016 meeting minutes - Irela made a motion to approve the minutes, Enrique seconded the motion. The motion was unanimously approved.

Irela made a motion on behalf of the Sustainability Board, requesting that the City Commission add metal roofs back on the agenda with a special presentation from Gerard USA, Roy seconded the motion. The motion was unanimously approved.

Ray thanked Jasper and Rhonda for creating the Metal Roofs Presentation flyer.

REMINDER that the next SAB meeting was moved a week earlier to Wednesday, April 20, 2016

Bike Day 2/28/16 & Bike to Work Day 3/4/16 – Coral Gables Transportation & Sustainability had a booth set up at both events to share information on the City's Transportation and Sustainability initiatives. Both events were very successful with 1,500 attendees at Bike Day and between around 50 attendees at Bike to Work Day.

Sea Level Rise - Part II of the Sea Level Rise Discussion Series was also successful. The event was standing room only. Dr. Ryan Stoa from FIU gave a great presentation on public policies relating to Sea Level Rise and Climate Change. Commissioner Keon and the City Manager were very happy with the event. Part III of the Sea Level Rise Discussion Series is taking place on April 13, 2016 and the students from the Sea Level Rise Solutions Center will be presenting their projects on what they are working on relating to possible solutions. Matt said that all the recordings of these events are on the City's Sustainability Sea Level Rise website at <http://coralgables.com/index.aspx?page=1169>.

March 15, 2016 Commission Meeting – placed on the commissions agenda by the City Attorney's office was the emergency ordinance on the prohibition on expanded polystyrene, which passed on second reading in February. Right after that at the State level, they passed a ban on not allowing municipalities to prohibit polystyrene to businesses unless they passed the prohibition prior to January 1, 2016 which would allow it to be grandfathered in. The City passed an emergency ordinance retroactive to first reading on December 8. The City built in extra time between first and second reading to provide proper outreach to the business community and gather input.

Coral Gables Green Committee – the Coral Gables Chamber of Commerce is finalizing the planning for the Green Means Green Award, they just closed the application process and are now moving into the judging process. Matt submitted an application on behalf of the City for green business non-profit. Matt did a co-presentation with Tony Newell who is the Co-Chairperson of the Coral Gables Chamber Green Committee, at the MAPI Conference (a group of Sustainability professionals from different companies from around the country) he spoke about the sustainability initiatives from the City and Tony spoke about the businesses and partnerships and

how the city is reaching out to business on sustainability. Everyone was happy with the presentation and it was a great partnership with the Chamber Green Committee.

Farmers Market – Matt mentioned to the Board that information on Sustainability has been provided at the Farmers Market by Norma Gavarrete from the Parks and Rec Department. Matt will be making corrections on the cities website and flyer, on the benefits of transitioning to LED lights instead of florescent that was suggested by Enrique. Matt and Jessica will be at the Farmers Market event on Saturday, March 26, 2016 anyone who would like to participate is welcomed.

Enrique brought up a situation concerning traffic at the North Gables end on Ponce de Leon where there are 8 blocks with no traffic lights causing at least 1 accident per week. Matt will provide this information to Jessica for review.

Earth Day Event April 23, 2016 – Matt went to the Special Events Committee and they have approved the Earth Day Electronic Recycling event on April 23 in the City Hall Parking Lot form 9-12 as well as additional dates on July 16 and November 12. Marlin will have someone at the event collecting eyeglasses and old tennis shoes. Matt is working with CG Police to get the prescription drug recycling up and running, he will keep the board updated as soon as he receives notice. Matt also shared that Public Works recently hired Mr. John Osgood to oversee the Sanitation and Landscaping Services.

Green Means Green Award Ceremony – Irela sent Matt an e-mail for him to share with the board about the Green Means Green Award Ceremony date. The day will be Friday, April 29, 2016 @ 8 am to 10 am at the Hyatt Regency Hotel 50 Alhambra Plaza in Coral Gables.

Part III of the City's Sea Level Rise Discussion Series – on Wednesday, April 13, 2016 from 6 pm to 7 pm.

MEMBER REPORT UPDATES:

Enrique LED Lights project – Coral Gables has State, County and City owned lights, currently Public Works has installed 5 lights at the intersection of Florida Street and US1 which are the 3000 degree Calvin LED's installed in the acorn fixtures. The idea for installing these 5 lights is to encourage people to drive by and give feedback on them. At the parking lot of Giralda and Galeano there are 3 LED lights in the light poles with 3 different color temperatures 3000, 3500 and 4500 also to get feedback and support from the public. Enrique is currently working with Jessica, Lis Ferrer, and Nick who is the City's master electrician, Commissioner Lago and the City Manager and expect within the next two months to have a proposal for the conversion of City's own lights. Enrique mentioned that the bigger project will be in January of 2018 when the cities 30 year franchise with FP&L runs out, at this time the City gets the opportunity to take over the municipal lighting making the lights City property.

Sustainability Master Plan – Matt said they are still in the process of finalizing the plan because as mentioned at the last meeting the City is incorporating the projects of the Sustainability Master Plan into the City's 3-year Strategic Plan.

Electric Vehicles and Clean Energy – Roy updated the board that the city has ordered 20 Nissan Leafs to be added to the City Administrative fleet, 8 have arrived and 12 more are on their way. The Parking Director said they are installing charging stations for the city's vehicles at the Public Works facility, Youth Center and simultaneously permitting 10 charging stations for public use in 3 different parking garages.

Rhonda - mentioned educating the public on the lighting color spectrum, when having to identify a person for legal reasons. Rhonda also suggested educating that Tesla manufactures that the city is working on adding charging stations and purchasing electric vehicles to make them aware so they can start selling in this area for people who do not want to go with plug in's.

Ray - asked Matt to explain to the board and guests the *Sustainability Advisory Boards mission*:

Creation and Purpose

The Sustainability Advisory Board is hereby created for the purpose of promoting environmental sustainability for the City, which is a way of living and conducting business to ensure a quality of life for the future of Coral Gables. The Advisory Board shall make non-binding recommendations for taking environmentally progressive actions within the City in support of promoting environmental sustainability, in addition:

(A) The Advisory Board shall recommend items identified in the adopted Sustainability Master Plan as priorities as well as track the implementation of the Plan.

(B) The Advisory Board shall make recommendations with regard to (i) improving the environmental sustainability of City programs, services, equipment and facilities, (ii) increasing the awareness of issues of environmental sustainability with the residents and businesses located in the City, and (iii) encouraging increased environmentally conscious activities by the residents and businesses located in the City; and

(C) The Advisory Board shall make recommendations with regard to possible incentives for residents, businesses, and organizations to practice environmental conservation, water and energy conservation, green development, recycling, the reduction of waste, the improvement of energy efficiency, the preservation of green spaces, the use of nonpolluting transportation alternatives where possible, xeriscaping, and other measures to help reduce pollution and keep our environment healthy for future generations; and

(D) The Advisory Board shall make recommendations with regard to goals, criteria, strategies, and Green Building Standards for the City for green building design, including energy and water efficient construction, in the City consistent with standards propounded by the Florida Building Code, Leadership in Energy and Environmental Design (LEED), Florida Green Building Coalition (FGBC), the U.S. Green Building Council (USGBC), and other leading groups setting forth standards on economic sustainability.

Metal Roofs – Ray stated that the discussion on metal roofs started in Mid-May of 2015; the committee was fully established in June-July of 2015. About 5 months ago the board started

working on a resolution draft for metal roofs in addition to other resolutions, the resolution was sent to the City's Commission as part of the meeting minutes. The City Commission accepted the resolution as an item to discuss. When the Board members were working on the resolution some members, individually or otherwise met with all the City Commissioners, the City Manager and the Building and Zoning Directors, the Commissioners were open minded but wanted to have some parameter, because every metal roof is not for every property or home. The presentation is a result of trying to convince the Commissioners, City Manager and B & Z official's the benefits of allowing metal roofs in the City and convincing them to change the City's codes.

METAL ROOF PRESENTATION:

Derek Chalk, Florida Territory Manager for Gerard USA and his contractor Milo.

Benefits of Gerard's Metal Roofing Tiles and Metal Roofing Shingles

Gerard Stone Coated Steel metal roofing tiles are an investment above the rest, delivering the strength and longevity of metal roofing, and the beauty and style of various traditional roofing profiles, from our contemporary Classic tile to wood shakes and Spanish S-type roofing tiles, to architectural shingles. We offer the best stone coated metal roofing systems, and 50 years from now, your Gerard stone coated metal roof will look and function in the same way as the day it was installed - that is our guarantee! Our stone coated metal roofing offers you peace of mind by delivering the best protection from the elements, and your hard earned money!

The many benefits of Gerard's stone coated steel metal roofing tiles: *Saving your money, A Dry Under-deck Roofing System Lightweight, Most Durable, Energy efficient, 120 mph Wind Warranty, 2.5" Hail Stone Warranty and Class "A" Fire Rating.*

Protection & Benefits	Gerard Roofs	Concrete Tile & Shake	Fiber-Cement Tile & Shake	Architectural Composition Shingles	Wood Shake
Weight	Excellent 1.4 lbs/ft ² 6.8 kgf/m ²	Poor 9-15 lbs/ft ² 43.9 ~ 73.2 kgf/m ²	Fair 6 lbs/ft ² 29.3 kgf/m ²	Fair 3-4 lbs/ft ² 14.6 ~ 19.5 kgf/m ²	Fair 3-5 lbs/ft ² 14.6 ~ 24.4 kgf/m ²
Fire	Excellent Class "A" Fire Rating	Poor Roofs can warp or collapse from weight	Poor Most are Class "C" Rated	Fair	Poor Fire Hazard
Wind	Excellent 120 mph Wind Warranty	Poor Special Installation to meet High-Wind Requirements	Poor Most manufacturers do not offer wind warranties	Poor Most wind warranties are valid for 5 years	Poor No wind warranty
Hail	Excellent 2-1/2" Hail Warranty	Fair Crack & Break	Good	Poor	Poor
Snow & Ice	Excellent Interlocking Design Protects Against Ice	Poor Breaks from Freeze/Thaw & Weight of Ice/Snow	Fair Breaks from Freeze/Thaw & Weight of Ice/Snow	Poor Ice Removes the Protective Granules	Good
Earthquakes	Excellent Lightweight + Added Sheer Strength	Poor	Good	Good	Good
Warranty	Excellent Limited Lifetime Warranty No Proration	Good No Appearance Warranty	Fair No Warranty for Color Fading	Fair Pro-Rated Warranty	Poor No Warranty
Energy Efficiency	Excellent Recyclable	Fair	Fair	Poor	Fair
Resale Value	Excellent Increases Curb Appeal; Transferable Warranty	Good	Fair	Fair	Fair

Cost Savings: *No More Roof Repairs or Replacements, Higher property resale value, reduced insurance Premiums, Possible Incentives and Reductions in Utility Bills and Energy efficiency no matter the color.*

Products: *Canyon Shake Tile, Classic Tile, Barrel Vault Tile and Granite Ridge Shingle.*

Installation: *Gerard Stone Coated Metal is only as good as the installation. It is for this reason that Gerard Metal Roofing offers extensive hands on training programs, installation guides as well as installation videos and DVD's (in English and Spanish).*

Energy Star Savings:

Energy Star[®] labeled roof products are reflective roof products that lower the roof surface temperature by up to 100°F, thereby decreasing the amount of heat transferred into the building's interior.

Mr. Vera, Architect – the people like a particular product which is why they chose to live in Coral Gables, because they like what they see but when a particular product is restricted or prohibited it is like restricting and prohibiting a particular technology. In his opinion technology will continue to advance and therefore the City should move forward. New products will come about and new products that make you feel warm and comfortable in your house should be allowed.

Tom, City Planner of the City of Miami Beach – the metal roofs ordinance in Miami Beach was implemented 10 years ago, prior to that the ordinance was similar to what Coral Gables currently allows as tiles, but there was recognition that the roofing materials would be critical for the safety of the residents.

ADJOURNED:

7:00 p.m.