## Corey Lafferty

**From:** Osborne, Aaron <AaronOsborne@miamibeachfl.gov>
**Sent:** Thursday, November 2, 2023 1:15 PM
**To:** Corey Lafferty
**Subject:** RE: 3100 North Bay Road Future Crown of Road information
**Attachments:** Project Prioritization 200401 Map.pdf

Good afternoon Corey,

The future Crown of the Road elevation adjacent to 3100 North Bay Road (Folio # 0232270080520), Miami Beach, is projected at 4.4 feet NAVD.

In 2020, the City Commission adopted a new road elevation strategy which considers sea level rise (SLR) projections and tidal flooding. Since the SLR projections vary with time, so are the proposed elevation of the roads. We are currently using the 2025 projected values (see Table 1 below), and thus the elevation of the roads at the edge of pavement for local roads like North Bay Road at the referenced address is projected to be approximately 4.2 feet NAVD ( and 4.4 feet NAVD at the crown of the road).

Table 1- Future Edge of Pavement Elevation (in feet NAVD) per Adopted Road Elevation Strategy (Road Elev 200228 reduced.pdf)

| Project Start Date | 2020 | 2025 | 2030 | 2035 | 2040 |
|---|---|---|---|---|---|
| Emergency Roads | 4.8 | 5.2 | 5.7 | 6.2 | 6.7 |
| Arterial and Local Roads | 3.9 | 4.2 | 4.5 | 4.9 | 5.3 |

Please note that the projected future road elevation is only a *target* and *can be adjusted* to ensure proper harmonization. Harmonization refers to the transition in elevations between the private property and the right of way, including the driveway and pedestrian access as well as the front and side yard transitions.

Based on the prioritization of projects (see attached map), the above subject property falls within the Lower North Bay Road A Neighborhood Improvement Project (NIP), and it is not expected to be raised within the next few years.

Feel free to contact me if you have any questions.

Best regards,

MIAMIBEACH

**Aaron Osborne**, *Project Engineer*
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***Public Works Department Mission***
We are a multi-disciplined department comprised of Operations, Engineering, Sanitation, and Greenspace Management divisions. Together, these divisions ensure the technologically advanced design, maintenance, functionality, delivery, and cleanliness of the City's water services and resources, roadways and greenways.

We place the utmost importance in valuing our employees and ensuring all are trained to be the most reliable, knowledgeable, environmentally-conscientious and solutions-oriented professionals who provide for the City's stakeholder needs and concerns in an efficient and socially-responsible manner to foster a better, safer, and healthier community for all to live, work, and play.

***Public Works Department Vision***
To be the most proactive, innovative, and dependable network of highly knowledgeable professionals who are skilled in providing stakeholders optimal service and solutions to our community's most pressing infrastructure and environmental needs.

***Please do not print this e-mail unnecessarily***

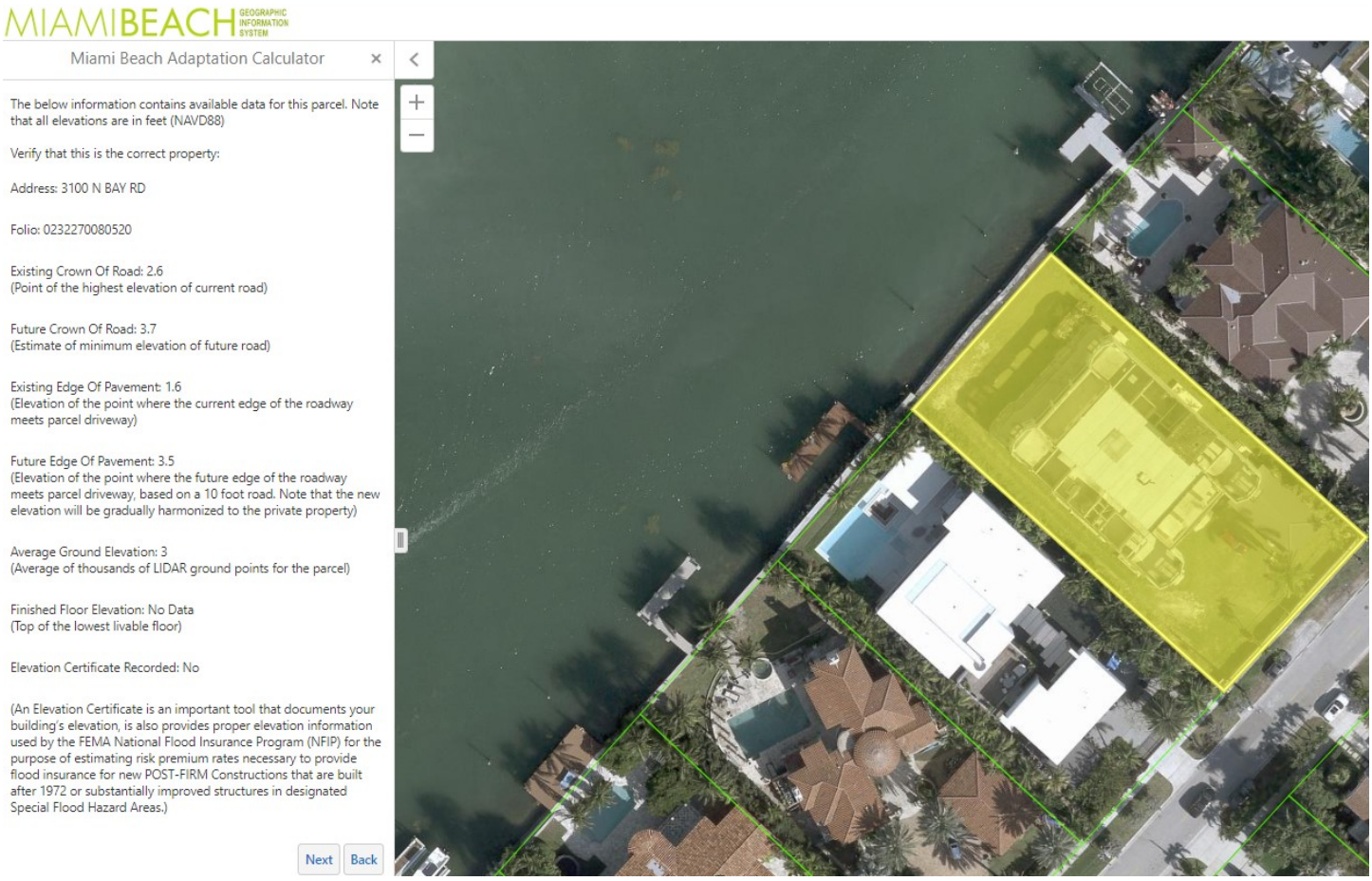
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**From:** Corey Lafferty <corey.lafferty@urbanism.com>
**Sent:** Thursday, November 2, 2023 10:55 AM
**To:** Osborne, Aaron <AaronOsborne@miamibeachfl.gov>
**Subject:** 3100 North Bay Road Future Crown of Road information

> You don't often get email from corey.lafferty@urbanism.com. Learn why this is important

**[ THIS MESSAGE COMES FROM AN EXTERNAL EMAIL - USE CAUTION WHEN REPLYING AND OPENING LINKS OR ATTACHMENTS ]**

Hello Giancarlo,
I am the architect for a project at 3100 North Bay Road (Folio # 0232270080520) that we are presenting to the Design Review Board process # DRB23-0973. As part of the DRB presentation, we must provide this site's Future Crown of Road elevation with written documentation from Public Work. I reviewed the Miami Beach GIS Adaptation Calculator website, and for this area, it appears that the Existing Crown of Road is at 2.6' NAVD, and the Future Crown of Road is 3.7' NAVD. I've attached a screenshot of this information below. Can you send me a letter to confirm this is the Future Crown of Road for this property?



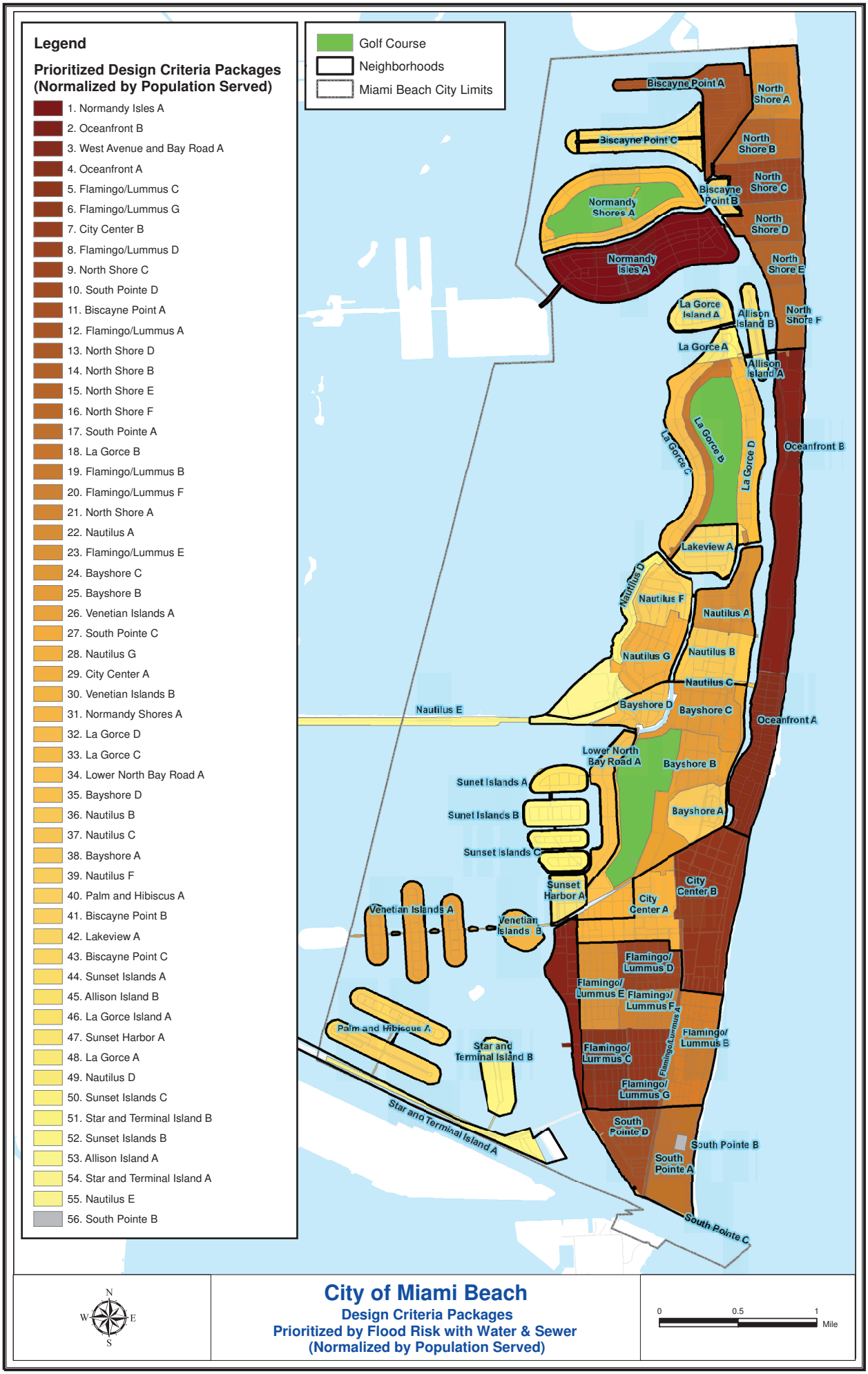

Best,


## Corey Lafferty with Valle Valle & Partners

*"Serving the Development Community for 27 Years"*

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Email: corey.lafferty@urbanism.com Portfolio: www.urbanism.com

Figure ES-1


Legend
Prioritized Design Criteria Packages
(Normalized by Population Served)
1. Normandy Isles A
2. Oceanfront B
3. West Avenue and Bay Road A
4. Oceanfront A
5. Flamingo/Lummus C
6. Flamingo/Lummus G
7. City Center B
8. Flamingo/Lummus D
9. North Shore C
10. South Pointe D
11. Biscayne Point A
12. Flamingo/Lummus A
13. North Shore D
14. North Shore B
15. North Shore E
16. North Shore F
17. South Pointe A
18. La Gorce B
19. Flamingo/Lummus B
20. Flamingo/Lummus F
21. North Shore A
22. Nautilus A
23. Flamingo/Lummus E
24. Bayshore C
25. Bayshore B
26. Venetian Islands A
27. South Pointe C
28. Nautilus G
29. City Center A
30. Venetian Islands B
31. Normandy Shores A
32. La Gorce D
33. La Gorce C
34. Lower North Bay Road A
35. Bayshore D
36. Nautilus B
37. Nautilus C
38. Bayshore A
39. Nautilus F
40. Palm and Hibiscus A
41. Biscayne Point B
42. Lakeview A
43. Biscayne Point C
44. Sunset Islands A
45. Allison Island B
46. La Gorce Island A
47. Sunset Harbor A
48. La Gorce A
49. Nautilus D
50. Sunset Islands C
51. Star and Terminal Island B
52. Sunset Islands B
53. Allison Island A
54. Star and Terminal Island A
55. Nautilus E
56. South Pointe B
Golf Course
Neighborhoods
Miami Beach City Limits
Biscayne Point A
North Shore A
Biscayne Point C
North Shore B
North Shore C
Biscayne Point B
Normandy Shores A
North Shore D
Normandy Isles A
North Shore E
La Gorce Island A
Allison Island B
North Shore F
La Gorce A
Allison Island A
La Gorce C
La Gorce B
La Gorce D
Oceanfront B
Lakeview A
Nautilus D
Nautilus F
Nautilus A
Nautilus G
Nautilus B
Nautilus C
Nautilus E
Bayshore D
Bayshore C
Oceanfront A
Lower North Bay Road A
Bayshore B
Sunset Islands A
Sunset Islands B
Bayshore A
Sunset Islands C
Sunset Harbor A
City Center B
City Center A
Venetian Islands A
Venetian Islands B
Flamingo/ Lummus D
Flamingo/ Lummus E
Flamingo/ Lummus F
Flamingo/ Lummus A
Flamingo/ Lummus B
Palm and Hibiscus A
Star and Terminal Island B
Flamingo/ Lummus C
Flamingo/ Lummus G
Star and Terminal Island A
South Pointe D
South Pointe B
South Pointe A
South Pointe C
N
W
E
S
City of Miami Beach
Design Criteria Packages
Prioritized by Flood Risk with Water & Sewer
(Normalized by Population Served)
0
0.5
1
Mile