

MIAMI BEACH

PLANNING DEPARTMENT
Staff Report & Recommendation

Design Review Board

TO: DRB Chairperson and Members

DATE: February 2, 2021

FROM: Thomas R. Mooney, AICP
Planning Director



SUBJECT: DRB20-0605
3114 Prairie Avenue

An application has been filed requesting Design Review Approval for the construction of a new two-story residence including one or more waivers to replace an architecturally significant pre-1942 two-story residence.

LEGAL DESCRIPTION:

Lot 2, Block 5, "First Addition to Mid-Golf Subdivision of the Miami Beach Bay Shore Company," according to the plat thereof, as Recorded in Plat Book 7, Page 161, of the Public Records of Miami-Dade County, Florida.

SITE DATA:

Zoning: RS-4
Future Land Use: RS
Lot Size: 9,750 SF
Lot Coverage:
Existing: NA
Proposed: 2,831 SF / 29%
Maximum: 2,925 SF / 30%
Unit size:
Existing: NA
Proposed: 4,875 SF / 50%
Maximum: 4,875 SF / 50%
Height:
Proposed: 23'-0"
Maximum: 24'-0" flat roof

Grade: +3.69' NGVD
Base Flood Elevation: +8.00' NGVD
Difference: +4.31' NGVD

Adjusted Grade: +5.845' NGVD
First Floor Elevation: +9.00' NGVD
(BFE+1fb)
Side Yard Elevations Min: 6.56' Max: 6.56'
Rear Yard Elevations Min: 6.56' Max: 6.56'

EXISTING PROPERTY:

Year: 1937
Architect: Albert Anis
First Floor Elevation: NA
Vacant: No
Demolition: Total

SURROUNDING PROPERTIES:

North: Two-story 1926 residence
South: Two-story 1955 residence
West: One-story 1950 residence
East: Miami Beach Golf Course

THE PROJECT:

The applicant has submitted plans entitled "3114 Prairie Avenue" as designed by **Atelier305 Architecture + Design** dated December 7, 2020.

The applicant is proposing to construct a new two-story residence on an interior parcel to replace an existing two-story architecturally significant pre-1942 residence including waivers.

The applicant is requesting the following design waiver(s):

1. A waiver from the required rear roof deck setback of 10', per Section 142-105(b)

COMPLIANCE WITH ZONING CODE:

A preliminary review of the project indicates that the application, as proposed, appears to be inconsistent with the following sections of the City Code:

1. DRB WAIVER, Sec. 142-105(b)(6) Roof decks. Roof decks shall not exceed six inches above the main roofline and shall not exceed a combined deck area of 25 percent of the enclosed floor area immediately one floor below, regardless of deck height. Roof decks shall be setback a minimum of ten feet from each side of the exterior outer walls, when located along a front or side elevation, and from the rear elevation for non-waterfront lots. Built in planters, gardens or similar landscaping areas, not to exceed three and one-half feet above the finished roof deck height, may be permitted immediately abutting the roof deck area. All landscape material shall be appropriately secured. The DRB or HPB may forego the required rear deck setback, in accordance with the applicable design review or appropriateness criteria.
2. URBAN HEAT ISLAND ORDINANCE Sec. 142- 1132. g) Driveways. (4) Driveways and parking areas that are open to the sky within any required yard shall be composed of porous pavement or shall have a high albedo surface consisting of a durable material or sealant, as defined in section 114- 1 of this Code. (5) Driveways and parking areas composed of asphalt that does not have a high albedo surface, as defined in section 114-1 of this Code, shall be prohibited.
3. The proposed height of 24'-0" on the Zoning Data Sheet is incorrect and shall be revised to 23'-0". For flat roofs, the height of the building shall be measured from Base Flood Elevation plus freeboard to top of slab of highest roof, as defined in section 114-1 of this Code.

The above noted comments shall not be considered final zoning review or approval. These and all zoning matters shall require final review and verification by the Zoning Administrator prior to the issuance of a Building Permit.

COMPLIANCE WITH DESIGN REVIEW CRITERIA:

Design Review encompasses the examination of architectural drawings for consistency with the criteria stated below with regard to the aesthetics, appearances, safety, and function of the structure or proposed structures in relation to the site, adjacent structures and surrounding community. Staff recommends that the following criteria are found to be satisfied, not satisfied or not applicable, as hereto indicated:

1. The existing and proposed conditions of the lot, including but not necessarily limited to topography, vegetation, trees, drainage, and waterways.
Satisfied
2. The location of all existing and proposed buildings, drives, parking spaces, walkways, means of ingress and egress, drainage facilities, utility services, landscaping structures, signs, and lighting and screening devices.
Satisfied

3. The dimensions of all buildings, structures, setbacks, parking spaces, floor area ratio, height, lot coverage and any other information that may be reasonably necessary to determine compliance with the requirements of the underlying zoning district, and any applicable overlays, for a particular application or project.
Not Satisfied; the applicant is requesting one (1) design waiver from the Board.
4. The color, design, selection of landscape materials and architectural elements of Exterior Building surfaces and primary public interior areas for Developments requiring a Building Permit in areas of the City identified in section 118-252.
Satisfied
5. The proposed site plan, and the location, appearance and design of new and existing Buildings and Structures are in conformity with the standards of this Ordinance and other applicable ordinances, architectural and design guidelines as adopted and amended periodically by the Design Review Board and Historic Preservation Boards, and all pertinent master plans.
Not Satisfied; the applicant is requesting one (1) design waiver from the Board.
6. The proposed Structure, and/or additions or modifications to an existing structure, indicates a sensitivity to and is compatible with the environment and adjacent Structures, and enhances the appearance of the surrounding properties.
Not Satisfied; the applicant is requesting one (1) design waiver from the Board.
7. The design and layout of the proposed site plan, as well as all new and existing buildings shall be reviewed so as to provide an efficient arrangement of land uses. Particular attention shall be given to safety, crime prevention and fire protection, relationship to the surrounding neighborhood, impact on contiguous and adjacent Buildings and lands, pedestrian sight lines and view corridors.
Satisfied
8. Pedestrian and vehicular traffic movement within and adjacent to the site shall be reviewed to ensure that clearly defined, segregated pedestrian access to the site and all buildings is provided for and that all parking spaces are usable and are safely and conveniently arranged; pedestrian furniture and bike racks shall be considered. Access to the Site from adjacent roads shall be designed so as to interfere as little as possible with traffic flow on these roads and to permit vehicles a rapid and safe ingress and egress to the Site.
Satisfied
9. Lighting shall be reviewed to ensure safe movement of persons and vehicles and reflection on public property for security purposes and to minimize glare and reflection on adjacent properties. Lighting shall be reviewed to assure that it enhances the appearance of structures at night.
Not Satisfied; a lighting plan has not been submitted.
10. Landscape and paving materials shall be reviewed to ensure an adequate relationship with and enhancement of the overall Site Plan design.
Satisfied

11. Buffering materials shall be reviewed to ensure that headlights of vehicles, noise, and light from structures are adequately shielded from public view, adjacent properties and pedestrian areas.
Satisfied
12. The proposed structure has an orientation and massing which is sensitive to and compatible with the building site and surrounding area and which creates or maintains important view corridor(s).
Not Satisfied; the applicant is requesting one (1) design waiver from the Board.
13. The building has, where feasible, space in that part of the ground floor fronting a street or streets which is to be occupied for residential or commercial uses; likewise, the upper floors of the pedestal portion of the proposed building fronting a street, or streets shall have residential or commercial spaces, shall have the appearance of being a residential or commercial space or shall have an architectural treatment which shall buffer the appearance of the parking structure from the surrounding area and is integrated with the overall appearance of the project.
Satisfied
14. The building shall have an appropriate and fully integrated rooftop architectural treatment which substantially screens all mechanical equipment, stairs and elevator towers.
Satisfied
15. An addition on a building site shall be designed, sited and massed in a manner which is sensitive to and compatible with the existing improvement(s).
Not Applicable
16. All portions of a project fronting a street or sidewalk shall incorporate an architecturally appropriate amount of transparency at the first level in order to achieve pedestrian compatibility and adequate visual interest.
Satisfied
17. The location, design, screening and buffering of all required service bays, delivery bays, trash and refuse receptacles, as well as trash rooms shall be arranged so as to have a minimal impact on adjacent properties.
Not Applicable
18. In addition to the foregoing criteria, subsection [118-]104(6)(t) of the City Code shall apply to the design review board's review of any proposal to place, construct, modify or maintain a wireless communications facility or other over the air radio transmission or radio reception facility in the public rights-of-way.
Not Applicable
19. The structure and site complies with the sea level rise and resiliency review criteria in Chapter 133, Article II, as applicable.
Not Satisfied; see below

COMPLIANCE WITH SEA LEVEL RISE AND RESILIENCY REVIEW CRITERIA

Section 133-50(a) of the Land Development establishes review criteria for sea level rise and resiliency that must be considered as part of the review process for board orders. The following is an analysis of the request based upon these criteria:

- (1) A recycling or salvage plan for partial or total demolition shall be provided.
Not Satisfied
A recycling plan shall be provided as part of the submittal for a demolition/building permit to the building department.
- (2) Windows that are proposed to be replaced shall be hurricane proof impact windows.
Satisfied
- (3) Where feasible and appropriate, passive cooling systems, such as operable windows, shall be provided.
Satisfied
- (4) Resilient landscaping (salt tolerant, highly water-absorbent, native or Florida friendly plants) shall be provided, in accordance with Chapter 126 of the City Code.
Satisfied
- (5) The project applicant shall consider the adopted sea level rise projections in the Southeast Florida Regional Climate Action Plan, as may be revised from time-to-time by the Southeast Florida Regional Climate Change Compact. The applicant shall also specifically study the land elevation of the subject property and the elevation of surrounding properties.
Satisfied
- (6) The ground floor, driveways, and garage ramping for new construction shall be adaptable to the raising of public rights-of-ways and adjacent land and shall provide sufficient height and space to ensure that the entry ways and exits can be modified to accommodate a higher street height of up to three (3) additional feet in height.
Satisfied
- (7) In all new projects, all critical mechanical and electrical systems shall be located above base flood elevation. Due to flooding concerns, all redevelopment projects shall, whenever practicable, and economically reasonable, move all critical mechanical and electrical systems to a location above base flood elevation.
Satisfied
- (8) Existing buildings shall be, where reasonably feasible and economically appropriate, elevated up to base flood elevation, plus City of Miami Beach Freeboard.
Not Applicable
- (9) When habitable space is located below the base flood elevation plus City of Miami Beach Freeboard, wet or dry flood proofing systems will be provided in accordance with Chapter of 54 of the City Code.
Not Applicable
- (10) In all new projects, water retention systems shall be provided.
Not Satisfied

(11) Cool pavement materials or porous pavement materials shall be utilized.

Not Satisfied

(12) The project design shall minimize the potential for a project causing a heat island effect on site.

Not Satisfied

STAFF ANALYSIS:
DESIGN REVIEW

The applicant is proposing to construct a new two-story residence to replace an existing pre-1942 residence on an interior parcel. The proposed design seeks one design waiver as part of this application. The first floor elevation of the new residence is proposed at base flood elevation (8' NGVD) plus a minimum free board of one foot (+9' NGVD).

The design waiver pertains to the rear setback of the roof deck. As per the City code, proposed roof decks shall be setback ten (10') feet from the exterior outer walls of the rear elevation on non-waterfront lots. The applicant is proposing a roof deck that complies with the required setback on the front and sides, but at the rear is setback 3'-9" from exterior rear walls. The contemporary style home is designed with an overall height of 23'-0", with a one foot curb along the front and side of the roofline, and a 4" curb along the rear. The lower than required height of the structure coupled with an increased rear setback of the structure, where the code requires 22'-6" and the applicant proposes 24'-8", mitigates the roof deck's impact of the adjacent rear neighbor. As such, staff is supportive of the waiver.

RECOMMENDATION:

In view of the foregoing analysis, staff recommends the application be **approved**, subject to the conditions enumerated in the attached Draft Order, which address the inconsistencies with the aforementioned Design Review and Sea Level Rise criteria.