

MIAMI BEACH

PLANNING DEPARTMENT
Staff Report & Recommendation

Design Review Board

TO: DRB Chairperson and Members

DATE: October 20, 2021

FROM: Thomas R. Mooney, AICP
Planning Director



SUBJECT: DRB21-0700
4150 Nautilus Drive

An application has been filed requesting Design Review Approval for the construction of a new two-story residence, including a variance from the maximum projection allowed into required yards to replace an existing architecturally significant pre-1942 home.

RECOMMENDATION:

Approval of the design, with conditions.
Approval of the variance.

LEGAL DESCRIPTION:

Lot 21, Block 18, "Nautilus Extension Second", according to the plat thereof, as recorded in Plat Book 34, Page 81, of the public records of Miami-Dade County, Florida.

BACKGROUND:

At the October 5, 2021 meeting this application was continued to a date certain of October 20, 2021 due to the excess number of applications on the agenda.

SITE DATA:

Zoning: RS-4
Future Land Use: RS
Lot Size: 14,181 SF
Lot Coverage:
Proposed: 4,109.7 SF / 29%
Maximum: 4,254.3 SF / 30%
Unit size:
Proposed: 6,542.3 SF / 46.1%
Maximum: 7,090.5 SF / 50%
Height:
Proposed: 24'-0" flat roof
Maximum: 24'-0" flat roof

Grade: +3.99' NGVD
Base Flood Elevation: +8.00' NGVD
Adjusted Grade: +5.995' NGVD

First Floor Elevation: +9.00' NGVD (BFE+ 1'fb)

EXISTING PROPERTY:

Year: 1940
Architect: L. Murray Dixon
Vacant: No
Demolition: Total

SURROUNDING PROPERTIES:

East: 1930 two-story residence | Nautilus Middle School
North: One-story 1940 residence
South: Multi-family residential
West: One-story 1935 residence

THE PROJECT:

The applicant has submitted plans entitled "Pinhasov Residence", as designed by **V3 Architectural Group**, signed, sealed, and dated August 2, 2021. The applicant is requesting

Design Review Approval for the construction of a new two-story residence to replace an existing pre-1942 architecturally significance home.

The applicant is requesting the following variance(s):

1. A variance to exceed by 4'-5" the maximum allowed projection of 6'-0" for roof overhangs within the front yard of 30'-0" in order to construct a new two-story home with a roof overhang projection of 10'-5" into the front yard facing Nautilus Drive.

COMPLIANCE WITH ZONING CODE:

A preliminary review of the project indicates that the application, as proposed, appears to be consistent with the applicable sections of the City 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.
Satisfied; however the applicant is requesting one variance.
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.

Satisfied; however the applicant is requesting one variance.

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.
Satisfied.
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; however such plan will be required as part of the building permit for the home.
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).
Satisfied
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.

Satisfied

- (10) In all new projects, water retention systems shall be provided.

Not Satisfied; additional information will be required at the time of building permit in order to demonstrate compliance.

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

Satisfied

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

Not Satisfied; additional information will be required at the time of building permit in order to demonstrate compliance.

STAFF ANALYSIS:
DESIGN REVIEW

The applicant is proposing a new two-story residence located on a corner lot at the intersection of Nautilus Drive, North Michigan Avenue and West 42nd Street. The design floor elevation of the new residence is proposed at base flood elevation (8' NGVD) plus 1' of free board, or 9' NGVD.

The proposed residence is designed in a contemporary style. Predominantly two-stories in height, the home's massing contorts to the irregularly shaped lot along its two street facing elevations and includes projecting stucco frames and slabs that provide additional visual interest and movement to the rectilinear-shaped home. The design also features a material palette of smooth colored stucco, black metal louvers, grey and black stone tile and wood plank cladding that contrast with the smooth white stucco walls of the home. Staff is supportive of the design and recommends its approval with the conditions noted within.

VARIANCE REVIEW

The applicant is requesting the following variance(s):

1. A variance to exceed by 4'-5" the maximum allowed projection of 6'-0" for roof overhangs within the front yard of 30'-0" in order to construct a new two-story home with a roof overhang projection of 10'-5" into the front yard facing Nautilus Drive.

- Variance requested from:

Sec. 142-106. - Setback requirements for a single-family detached dwelling.

(b) Allowable encroachments within required yards.

(13) Projections. In all districts, every part of a required yard shall be open to the sky, except as authorized by these land development regulations. The following may project into a required yard for a distance not to exceed 25 percent of the required yard up to a maximum projection of six feet.

g. Roof overhangs.

The new two-story structure is proposed with a covered entrance that exceeds the maximum allowable projection of 6'-0" into the front yard of 30'-0". The variance request is associated with a small triangular portion of the overhang at the first floor located close to the round corner of the property. The irregular shape of the property with a triangular shape and extensive curved property lines create the practical difficulties that result in the requested variance. The design of the home has been adjusted to the shape of the property and staff is supportive of the variance as proposed.

RECOMMENDATION:

In view of the foregoing analysis, staff recommends **approval** of the design and variance request, subject to the conditions enumerated in the attached Draft Order, which address the inconsistencies with the aforementioned Design Review criteria, Sea Level Rise criteria and Practical Difficulty and Hardship criteria.