

MIAMI BEACH

PLANNING DEPARTMENT

Staff Report & Recommendation

Design Review Board

TO: DRB Chairperson and Members

DATE: October 10, 2016

FROM: Thomas R. Mooney, AICP
Planning Director

SUBJECT: DRB16-0050
503 East Dilido Drive– Single Family Home

The applicant, Aaron Rollins, is requesting Design Review approval for the construction of a new two-story single-family home to replace an existing pre-1942 architecturally significant two-story single family home.

RECOMMENDATION:

Approval with conditions

LEGAL DESCRIPTION:

Lot 6, in Block 4, of Dilido, According to the Plat Thereof, as Recorded in Plat Book 8, Page 36, of the Public Records of Miami-Dade County, Florida. Also an 8 foot strip of land contiguous to the Easterly boundary line of said Lot 6, lying between the easterly extensions of the northerly boundary line and the southerly boundary line of said Lot 6.

SITE DATA:

Zoning: RS-3
Future Land Use: RS
Lot Size: 10,500 SF
Lot Coverage:
Proposed: 2,879 SF / **27.4%**
Maximum: 3,150 SF / 30%
Unit size:
Proposed: 5,246 SF / **49.9%**
Maximum: 5,250 SF / 50%
2nd Floor Volume to 1st: **70.9%***

Proposed: 28'-0" flat roof*

Maximum: 28'-0" flat roof*

***DRB WAIVER**

Grade: +4.05' NGVD
Base Flood Elevation: +9.00' NGVD
Difference: 2.48'
Adjusted Grade: +6.53' NGVD
Finish Floor Elevation: +14.00' NGVD

SURROUNDING PROPERTIES:

East: Biscayne Bay
North: Two-story 1938 residence
South: One-story 1945 residence
West: Two-story 2009 residence

***DRB WAIVER**

Height:

THE PROJECT:

The applicant has submitted plans entitled "503 E Dilido Drive" as prepared by **DOMO Architecture + Design** signed and dated 8/12/2016.

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

1. The second floor's physical volume exceeds 70% of the first floor in accordance with Section 142-105(b) (4) (c).

2. The height of the proposed structure is **28'-0"** in accordance with Section 142-105(b).

COMPLIANCE WITH ZONING CODE:

A preliminary review of the project indicates that the application, as proposed, appears to be consistent with the City Code.

1. The proposed steps leading to the guest bedroom and pool bath do not comply with the maximum elevations or allowable encroachments.
2. The proposed "bay windows" do not comply with the definition of a bay window and therefore, it is not an allowable encroachment.
3. The mechanical equipment and associated screening cannot exceed 5' above the main roof line.
4. The maximum building height for accessory structures located within the required rear yard is 12'-0" measured from adjusted grade.
5. The maximum building height is 24'-0" for flat roofed structures and 27'-0" for sloped roofs. In the RS-3 zoning district, the DRB may approve a building height of up to 28'-0" for flat roofs and 31'-0" for sloped roofs, and exception from this provision may be granted **through DRB approval** in accordance with the applicable design review criteria.
6. For two story homes with an overall lot coverage of 25% or greater, the physical volume of the second floor shall not exceed 70% of the first floor of the main home, exclusive of any enclosed required parking area. The DRB may forego this requirement, in accordance with the applicable design review criteria. **The applicant is requesting a 2nd Floor Volume to 1st of 70.9% which will require a waiver from the DRB.**

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 is 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.

Not Satisfied; the steps leading to the guest bedroom and pool bath do not comply with setbacks.

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 several waivers from the design review 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 several waivers from the design review 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.
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.

Satisfied

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 several waivers from the design review 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.

Not Applicable

14. The building shall have an appropriate and fully integrated roof-top 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).

Satisfied

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

STAFF ANALYSIS:

The applicant is proposing to construct a new contemporary two-story residence on a waterfront lot on Dilido Island that will replace an existing two-story home, originally constructed in 1934.

Since the proposed new construction is replacing a pre-1942 architecturally significant single-family residence, review and approval by the Design Review Board is required. Additionally, the proposed design requires two (2) design waivers to be granted from the Board. The home is designed in a modern style of architecture with expansive projections and differentiating materials.

The design has a second floor to first floor ratio of 70.9%, thus requiring a waiver from the Board. Staff has no objection to the requested waiver since the home is only seeking a volumetric increase of 0.9% over what is permissible. The massing of the residence has been broken up along the side elevations.

The maximum building height in the RS-3 zoning district is 24'-0" for flat roofs. However, in the RS-3 zoning district, the DRB may approve a building height of up to 28'-0" for flat roofs. The architect is seeking 28'-0" for the majority of the new two-story residence. The intent of the waiver was for lots in the RS-3 districts that closely resemble lot sizes in the RS-1 and RS-2 zoning districts. The subject site contains a lot area of 10,500 SF which is a little over the minimum lot area required for RS-3 lots (10,000 SF). Staff is not supportive of this requested height increase since the architect is already raising the finish floor the maximum amount of freeboard, 5'-0", above BFE and the lot size is commensurate with the minimum RS-3 lots.

Overall, the home is a well designed contemporary structure with dynamic curved balconies and terraces. However, staff has noted that in some areas these curved elements are slightly out of scale, especially when utilized as framing elements. The home features a curved slab throughout the structure and the architect has utilized these slabs in all the cantilevered balconies and roof overhangs. The thickness of the slab (2'-6") detracts from the design of these asymmetrical balconies and adds excessive massing to the structure. Additionally, the architect wrapped these curved slabs around the bay windows on the second floor. Due to the thickness of these slabs they create a condition that is not consistent with the definition of a bay window. Staff would recommend these slabs be reduced in thickness and the bay windows be separated from the second floor slab and roof overhang.

Also, the home is designed to be elevated which creates some issues with the elevation of the side yards. The home has two side doors, one to the ground floor guest room and the other to the pool bathroom, on the north elevation. The applicant is proposing two stairs leading to these two doors, however because the finish floor is 5'-0" above Base Flood Elevation these steps do not comply with the allowable encroachments regulations. Therefore, these steps need to comply with the building's setback or the doors need to be relocated.

Overall, staff is supportive of the proposed design and would recommend approval with the proposed modifications.

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 criteria.

TRM/JGM/LC

DESIGN REVIEW BOARD
City of Miami Beach, Florida

MEETING DATE: October 10, 2016

FILE NO: DRB16-0050

PROPERTY: **503 East Dilido Drive**

APPLICANT: Aaron Rollins

LEGAL: Lot 6, in Block 4, of Dilido, According to the Plat Thereof, as Recorded in Plat Book 8, Page 36, of the Public Records of Miami-Dade County, Florida. Also an 8 foot strip of land contiguous to the Easterly boundary line of said Lot 6, lying between the easterly extensions of the northerly boundary line and the southerly boundary line of said Lot 6.

IN RE: The Application for Design Review Approval for the construction of a new two-story single-family home to replace an existing pre-1942 architecturally significant two-story single family home.

ORDER

The City of Miami Beach Design Review Board makes the following FINDINGS OF FACT, based upon the evidence, information, testimony and materials presented at the public hearing and which are part of the record for this matter:

I. Design Review

- A. The Board has jurisdiction pursuant to Section 118-252(a) of the Miami Beach Code. The property is not located within a designated local historic district and is not an individually designated historic site.
- B. Based on the plans and documents submitted with the application, testimony and information provided by the applicant, and the reasons set forth in the Planning Department Staff Report, the project as submitted is inconsistent with Design Review Criteria 2-3, 5, and 12 in Section 118-251 of the Miami Beach Code.
- C. The project would remain consistent with the criteria and requirements of Section 118-251 if the following conditions are met:
 - 1. Revised elevation, site plan, and floor plan drawings for the proposed new home at 503 East Dilido Drive shall be submitted, at a minimum, such drawings shall incorporate the following:
 - a. The 70% limitation for the second floor volume shall be waived as proposed.

- b. The side open space requirement shall be waived as proposed.
- c. The proposed increase in height shall not be permitted as proposed. The maximum height of 24'-0" above BFE+freeboard shall be permitted
- d. The maximum building height for accessory structures located within the required rear yard is 12'-0" measured from adjusted grade.
- e. The proposed curved balconies shall be reduced in thickness, in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.
- f. The proposed side stairs shall not be permitted as proposed. The steps shall comply with the required setbacks, in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.
- g. The proposed active habitable roof deck shall not exceed a combined deck area of **25%** of the enclosed floor area immediately one floor below.
- h. Parapet walls, only when associated with a habitable roof deck, not to exceed three and one-half feet above the finished roof deck height, and set back a minimum of 10' from the perimeter of the enclosed floor below.
- i. All roof top lighting shall be located below the parapet level, in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.
- j. All roof-top fixtures, air-conditioning units and mechanical devices shall be clearly noted on a revised roof plan. All mechanical fixtures shall be located as close to the center of the roof as possible and screened on all sides from view, in a manner to be approved by staff.
- k. The final Design details of the exterior materials and finishes shall be submitted, in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.
- l. A copy of all pages of the recorded Final Order shall be scanned into the plans submitted for building permit, and shall be located immediately after the front cover page of the permit plans.
- m. Prior to the issuance of a Certificate of Occupancy, the project Architect shall verify, in writing, that the subject project has been constructed in accordance with the plans approved by the Planning Department for Building Permit.

2. A revised landscape plan, and corresponding site plan, shall be submitted to and approved by staff. The species, type, quantity, dimensions, spacing, location and overall height of all plant material shall be clearly delineated and subject to the review and approval of staff. At a minimum, such plan shall incorporate the following:
 - a. Prior to the issuance of a building permit, the applicant shall submit a tree protection plan for all trees to be retained on site. Such plan shall be subject to the review and approval of staff, and shall include, but not be limited to a sturdy tree protection fence installed at the dripline of the trees prior to any construction.
 - b. In order to identify, protect and preserve mature trees on site, which are suitable for retention and relocation, a Tree Report prepared by a Certified Tree Arborist shall be submitted for the mature trees on site.
 - c. Any tree identified to be in good overall condition shall be retained, and protected in their current location if they are not in conflict with the proposed home, or they shall be relocated on site, if determined feasible, subject to the review and approval of staff. A tree care and watering plan also prepared by a Certified Arborist shall be submitted prior to the issuance of a Building Permit or Tree Removal/Relocation Permit. Subsequent to any approved relocation, a monthly report prepared by a Certified Arborist shall be provided to staff describing the overall tree performance and adjustments to the maintenance plan in order to ensure survivability, such report shall continue for a period of 18 months unless determined otherwise by staff.
 - d. Existing trees to be retained on site shall be protected from all types of construction disturbance. Root cutting, storage of soil or construction materials, movement of heavy vehicles, change in drainage patterns, and wash of concrete or other materials shall be prohibited.
 - e. Provide additional small to medium size canopy shade trees in the rear yard.
 - f. Street trees shall be required within the swale at the front of the property if not in conflict with existing utilities, in a manner to be reviewed and approved by the Public Works Department.
 - g. Any existing plant material within the public right-of-way may be required to be removed, as the discretion of the Public Works Department.
 - h. A fully automatic irrigation system with 100% coverage and an automatic rain sensor in order to render the system inoperative in the event of rain.

Right-of-way areas shall also be incorporated as part of the irrigation system.

- i. The utilization of root barriers and/or Silva Cells, as applicable, shall be clearly delineated on the revised landscape plan.
- j. The applicant shall verify, prior to the issuance of a Building Permit, the exact location of all backflow preventors and all other related devices and fixtures. The location of backflow preventors, Siamese pipes or other related devices and fixtures, if any, and how they are screened with landscape material from the right-of-way, shall be clearly indicated on the site and landscape plans, and shall be subject to the review and approval of staff.
- k. The applicant shall verify, prior to the issuance of a Building Permit, the exact location of all applicable FPL transformers or vault rooms. The location of any exterior transformers and how they are screened with landscape material from the right of wall shall be clearly indicated on the site and landscape plans and shall be subject to the review and approval of staff.
- l. Prior to the issuance of a Certificate of Occupancy, the Landscape Architect or the project architect shall verify, in writing, that the project is consistent with the site and landscape plans approved by the Planning Department for Building Permit.

In accordance with Section 118-262, the applicant, or the city manager on behalf of the City Administration, or an affected person, Miami Design Preservation League or Dade Heritage Trust may seek review of any order of the Design Review Board by the City Commission, except that orders granting or denying a request for rehearing shall not be reviewed by the Commission.

II. Variance(s)

- A. No variance(s) were filed as part of this application.

III. General Terms and Conditions applying to both 'I. Design Review Approval and II. Variances' noted above.

- A. During Construction of the new home, the Applicant will maintain gravel at the front of the construction site within the first 15'-0" of the required front yard to mitigate disturbance of soil and mud by related personal vehicles existing and entering the site and with an eight foot (8'-0") high fence with a wind resistant green mesh material along the front of the property line. All construction materials, including dumpsters and portable toilets, shall be located behind the construction fence and not visible from the right-of-way. All construction vehicles

shall either park on the private property or at alternate overflow parking sites with a shuttle service to and from the property. The Applicant shall ensure that the contractor(s) observe good construction practices and prevent construction materials and debris from impacting the right-of-way.

- B. A Construction Parking and Traffic Management Plan (CPTMP) shall be approved by the Parking Director pursuant to Chapter 106, Article II, Division 3 of the City Code, prior to the issuance of a Building Permit.
- C. The final building plans shall meet all other requirements of the Land Development Regulations of the City Code.
- D. The Final Order shall be recorded in the Public Records of Miami-Dade County, prior to the issuance of a Building Permit.
- E. Satisfaction of all conditions is required for the Planning Department to give its approval on a Certificate of Occupancy, a Temporary Certificate of Occupancy or Partial Certificate of Occupancy may also be conditionally granted Planning Departmental approval.
- F. The Final Order is not severable, and if any provision or condition hereof is held void or unconstitutional in a final decision by a court of competent jurisdiction, the order shall be returned to the Board for reconsideration as to whether the order meets the criteria for approval absent the stricken provision or condition, and/or it is appropriate to modify the remaining conditions or impose new conditions.
- G. The conditions of approval herein are binding on the applicant, the property's owners, operators, and all successors in interest and assigns.
- H. Nothing in this order authorizes a violation of City Code or other applicable law, nor allows a relaxation of any requirement or standard set forth in the City Code.

IT IS HEREBY ORDERED, based upon the foregoing findings of fact, the evidence, information testimony and materials presented at the public hearing, which are part of the record for this matter, and the staff report and analysis, which are adopted herein, including the staff recommendations, which were amended and adopted by the Board, that the **application** is GRANTED for the above-referenced project subject to those certain conditions specified in Paragraph I, II, III of the Finding of Fact, to which the applicant has agreed.

PROVIDED, the applicant shall build substantially in accordance with the plans, entitled "503 E Dilido Drive" as prepared by **DOMO Architecture + Design** dated, signed and sealed 8/12/2016, and as approved by the Design Review Board, as determined by staff.

When requesting a building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the

conditions of approval that must be satisfied prior to permit issuance, as set forth in this Order, have been met.

The issuance of the approval does not relieve the applicant from obtaining all other required Municipal, County and/or State reviews and permits, including final zoning approval. If adequate handicapped access is not provided on the Board approved plans, this approval does not mean that such handicapped access is not required. When requesting Building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the conditions set forth in this Order.

If the Full Building Permit for the project is not issued within eighteen (18) months of the meeting date at which the original approval was granted, the application will expire and become null and void, unless the applicant makes an application to the Board for an extension of time, in accordance with the requirements and procedures of Chapter 118 of the City Code, the granting of any such extension of time shall be at the discretion of the Board. If the Full Building Permit for the project shall expire for any reason (including but not limited to construction not commencing and continuing, with required inspections, in accordance with the applicable Building Code), the application will expire and become null and void.

In accordance with Chapter 118 of the City Code, the violation of any conditions and safeguards that are a part of this Order shall be deemed a violation of the land development regulations of the City Code. Failure to comply with this **Order** shall subject the application to Chapter 118 of the City Code, for revocation or modification of the application.

Dated this _____ day of _____, 20_____.

DESIGN REVIEW BOARD
THE CITY OF MIAMI BEACH, FLORIDA

BY: _____
DEBORAH J. TACKETT
DESIGN AND PRESERVATION MANAGER
FOR THE CHAIR

STATE OF FLORIDA)
)SS
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by Deborah J. Tackett, Design and Preservation Manager, Planning Department, City of Miami Beach, Florida, a Florida Municipal Corporation, on behalf

of the Corporation. He is personally known to me.

NOTARY PUBLIC
Miami-Dade County, Florida
My commission expires:_____

Approved As To Form:

City Attorney's Office: _____ ()

Filed with the Clerk of the Design Review Board on _____ ()