


## SUNSE† ISLAND RESIDENCE



(iv)


May 4， 2018
City of Miami Beach
1700 Convention Center Drive
Planning Department，second floor
Miami Beach，Florida 33139

## Re：Architect＇s Letter of Intent

2122 Bay Avenue．Miami Beach，FL．
Dear Members of the Design Review Board，
This is the Architect＇s Letter of Intent as it regards a proposed new residence to be located at 2122 Bay Avenue on Miami Beach．

We are proposing to construct a new two story single family residence in the Tropical Modern style of architecture．The property size is 14,304 square feet．The proposed new residence size， as per the calculation standards of the City of Miami Beach is proposed at 6,955 square feet， which translates to a unit size which is $48.6 \%$ of the lot size．This meets the DRB maximum allowed requirement for unit size．

The lot coverage，or footprint，is 3,984 square feet，which translates to $27.9 \%$ of the lot size．This also meets the DRB maximum allowed requirement for lot coverage，or footprint．

The front yard pervious area requirement is met，as we have $67 \%$ pervious area in the front yard As well，the rear pervious area is also met，as we have a pervious area in the rear setback of $71 \%$ ． As well，our rooftop deck area is $25 \%$ ，which is the maximum permitted by code．All habitable rooftop areas meet all required setbacks．

The property is located in an AE－8 flood zone．Using the freeboard，the minimum allowed finished floor elevation for the first habitable floor must be at $+9.0^{\prime}$ NGVD．We are requesting that our finished first floor be at $+10.0^{\prime}$ NGVD，which is the required flood zone of $8^{\prime},+2^{\prime}$ ．My client is concerned about the global warming and flooding issue and has requested this higher elevation．By right we are allowed to raise the first floor elevation by $5^{\prime}$ ，but in this case we are asking for $2^{\prime}$ ，which is really only a $1^{\prime}$ increase from the required base flood elevation of the first habitable floor．

The first waiver we are requesting is that of the second floor to first floor ratio．We are allowed a $70 \%$ ratio without asking for a waiver．Above $70 \%$ ，a waiver must be requested and approved．In this case，our second floor to first floor ratio is $80.9 \%$ ．We believe the design，with its movement and its different exterior materials warrant this waiver．We have reflecting ponds that cut into the residence at each side，which will make it appear that the water is coming inside the residence． These reflecting ponds also incorporate water feature and break up the interior architecture， while allowing a vast amount of natural light to flow in．as well，we have designed a two story
entry space which amplifies the glass at the front of the residence and makes it more inviting to the street．As well，we located the residence more forward on the property to create a larger rear yard，which is absent in the design of many newer residences．This will also allow the neighbors clearer path views to the waterfront．The combination of these elements is the reason for the requested waiver of $80.9 \%$ ．

The second waiver requested is the height waiver．The zone in which this property is located allows roof heights up to 24 ＇．But，in this zone，one may request a waiver from the DRB of maximum roof height up to $28^{\prime}$ ．In this case，we are requesting a waiver of 3 ＇so that the allowable roof height would be $27^{\prime}$ ．This is very deceiving，as the major portion of the roof will be at $26^{\prime}$ ，which is only a $2^{\prime}$ waiver．To provide interest and movement to the architecture，we are requesting that only a small portion of roof on the northwest corner of the residence，and the roof over the stair well be allowed the extra foot in height，making those two small areas 27＇．We would be willing to make this a condition of the final order．Again，we are requesting the additional height in these two small areas only to add interest to the architecture．We do not find this request egregious and hope that the DRB can grant us this waiver．

The final waiver requested is regarding the side courtyards on the north and south sides of the residence．Code requires the open space provided on either side elevation be no higher than 30 ＂ above grade and that the space be sodded／landscaped．We are asking for a waiver from these requirements，so the client can incorporate water features and reflecting ponds level with the first floor．This will provide benefit to both neighboring residences as it will create an opportunity for tiered and diverse setting combining landscape and water．

One variance is being requested regarding the allowable height of the rear－yard accessory structure．Code states＂accessory buildings shall be limited to two stories．The maximum height above adjusted grade shall not exceed 12 feet for a one－story structure and 20 feet for a two－story structure．＂Adjusted grade does not factor freeboard，which in this case is 2 additional feet above BFE．As a result，the rear－yard cabana measures $15^{\prime}-10^{\prime \prime}$ and the maximum height limitations above adjusted grade become very constraining．We are seeking this variance to allow for a one－ story rear yard cabana with a functional height and that matches the scale of the residence．

I ask for your support and your vote in favor of the design and waivers／varaince described in this letter of intent so that we may proceed with the project．We ask that the Board approve our application as submitted．Should you have any questions regarding the application，please do not hesitate to contact our offices at the number listed below．


Ralph Choeff，President
Choeff Levy Fischman PA
Architecture + Design



| ITEM $\#$ | New Construction Floodplain Management Data |  |  |
| :--- | :--- | :--- | :--- |
| 1 | Flood Zone: | AE +8 |  |
| 2 | FIRM Map Number | 12086 CO317L |  |
| 3 | Base Flood Elevation (BFE): | 8.00 ' NGVD |  |
| 4 | Proposed Flood Design Elevation: | $10.00^{\prime}$ NGVD |  |
| 5 | Crown of Road Elevation: | $4.55^{\prime}$ NGVD |  |
| 6 | Classification of Structure: | Category II |  |
| 7 | Building Use: | Single-Family Residence, Garage, <br> \& Cabana |  |
| 8 | Lowest Elev. of Equip | $10.00 '$ NGVD |  |
| 9 | Lowest Adjacent Grade |  |  |
| 10 | Highest Adjacent Grade |  |  |
|  |  |  |  |


| SINGLE FAMILY RESIDENTIAL - ZONING DATA Sheet |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Zoning Information |  |  |  |  |
| 1 | Address: | 2122 Bay Avenue Miami Beach, FL 33140 <br> All that part of Lot 19, lying North of the North line of Sec. 33, Township 53 South, Range 42 East, being in Block 4-A of ISLAND NO. 4 OF SUNSET ISLANDS, in accordance with the 3rd Revised Plat of SUNSET ISLANDS, recorded in Plat Book 40, Page 8 of the Public Records of Miami-Dade County, Florida. And also, a part of Lot 17, Block 5, of SUNSET LAKE EXTENSION a subdivision as shown by the map thereof, recorded in Plat Book 40, Page 23 of the Public Records of Miami-Dade County, Florida. |  |  |  |
| 2 | Folio number(s): | 02-3228-001-1880 |  |  |  |
| 3 | Board and file numbers : | DRB18-0252 |  |  |  |
| 4 | Year built: | N/A | Zoning District: |  | RS-3 |
| 5 | Based Flood Elevation: | AE 8.00 | Grade value in NGVD: |  | 4.55' NGVD |
| 6 | Adjusted grade (Flood+Grade/2): | 6.275 ' NGVD | Free board: |  | 10.00' NGVD |
| 7 | Lot Area: | 14,304 SF |  |  |  |
| 8 | Lot width: | 77.89' | Lot Depth: |  | 176.73' |
| 9 | Max Lot Coverage SF and \%: | 4,291 SF (30\%) | Proposed Lot Coverage SF and \%: |  | 3,984 SF (27.9\%) |
| 10 | Existing Lot Coverage SF and \%: | N/A | Lot coverage deducted (garage-storage) SF: |  | 459 SF |
| 11 | Front Yard Open Space SF and \%: | 1,020 SF (67\%) | Rear Yard Open Space SF and \%: |  | 1,650 SF (71\%) |
| 12 | Max Unit Size SF and \%: | 7,152 SF (50\%) | Proposed Unit Size SF and \%: |  | 6,955 SF (48.6\%) |
| 13 | Existing First Floor Unit Size: | N/A | Proposed First Floor Unit Size: |  | 3,648 SF |
|  |  |  | Proposed First Floor Unit Size (Volumetric): |  | 4,107 SF |
| 14 |  |  | Proposed Second Floor volumetric Unit Size SF and \% (Note: to exceed $70 \%$ of the first floor of the main home require DRB Approval) |  | 3,323 SF (80.9\%) |
| 15 |  |  | Proposed Second Floor Unit Size: |  | 3,205 SF |
| 16 |  |  | Proposed Roof Deck Area SF and \% (Note: Maximum is $25 \%$ of the enclosed floor area immediately below) |  | 800 SF (25\%) |
|  |  |  |  |  |  |
|  |  | Required | Existing | Proposed | Deficiencies |
| 17 | Height: | 24'-28' |  | 27'-0" |  |
| 18 | Setbacks: |  |  |  |  |
| 19 | Front First level: | 20'-0" |  | 20'-0" |  |
| 20 | Front Second level: | $30^{\prime}-0 \mid$ |  | 46'8" |  |
| 21 | Side 1: | $10^{-}-0^{\prime \prime}$ |  | 10'-0" |  |
| 22 | Side 2 or (facing street): | $10^{\prime}-0 \mid$ |  | 10'-0" |  |
| 23 | Rear: | 26'-6" |  | 32'-9" |  |
|  | Accessory Structure Side 1: | 7'-6" |  | 9'-6" |  |
| 24 | Accessory Structure Side 2 or (facing street) : | 7'-6" |  | N/A |  |
| 25 | Accessory Structure Rear: | 13'-3" |  | $14^{\prime}-10^{\prime \prime}$ |  |
| 26 | Sum of Side yard : | 19'-6" (25\%) |  | 20'-0" |  |
|  |  |  |  |  |  |
| 27 | Located within a Local Historic District? |  | Yes or no |  |  |
| 28 | Designated as an individual Historic Single Family Residence Site? |  | Yes or no |  |  |
| 29 | Determined to be Architecturally Significant? |  | Yes or no |  |  |
| Notes: |  |  |  |  |  |



LOT COVERAGE
LOT COVER, $\frac{\text { SCAE }}{\text { SCALE: } 3 / 32^{\prime \prime}=1-Q^{\prime \prime}}$


FIRST FLOOOR UNIT SIZE $S C A L E: 3 / 32^{2}=\left.\right|^{\prime}-0$


EXPLODED AXONOMETRIC VOLUMETRIC DIAGR,AM


VOLUMETRIC DIAGRAM
— FLOOR RATIO PERCENTAGE VOLUMETRIC AREA:
FIRST FLOOR FIRST FLOOR: SECOND FLOOR
4.107 S. F.
$80.9 \%$

(N) SECOND FLOOR VOL. AREA

Prooerrrline 175.82



SCALE: $3 / 16^{\prime}=l^{1-0}$



date:
050420018





- ESTAELISHED GRADE
$\frac{\text { SIDE ELEVATION (WEST) }}{\text { SCALE: } 1 / 4^{4}=I^{\prime}-O^{\prime}}$ $\qquad$






PROPOSED MATERIAL PALETTE

| DESCRIPTION |  |  |
| :--- | :--- | :--- |
| 1 | Smooth White Stucco | Exterior Wall Material |
| 2 | Clear Glazing | Sliding Glass Doors, Windows, and Railings |
| 3 | Limestone | Exterior Wall Material, Pool Deck, and Pavers |
| 4 | Black Marble | Exterior Accent Material |
| 5 | White Oak Wood | Exterior Wall Cladding, Pool Deck |
| 6 | Polished Chrome Metal | Window \& Door Frames |




Adjacent Property
Lot Size: 28,454 sq. ft.
Approx. Lot Coverage: 22.3 \%
Approx. First-Second Ratio: N/A


2122 Bay Ave
Proposed Property
Lot Size: 14,304 sq. ft.
Lot Coverage: 3,984 (27.9 \%)
First-Second Ratio: 80.9 \%


2130 Bay Ave
Adjacent Property
Lot Size: 15,016 sq. ft.
Approx. Lot Coverage: $35 \%$
Approx. First-Second Ratio: N/A


