



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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SEAL:



Axonometric

03-16-2021

A-000

Neighbor Support
6342 & 6360 North Bay Road
DRB20-0614



| No. | Property Address | Owner |
|-----|------------------|-----------------------------|
| 1 | 6324 N Bay Rd | Joel S. & Sandra Rattner |
| 2 | 6361 N Bay Rd | Michael B. & Irma Goldstein |
| 3 | 6095 N Bay Rd | Drew & Carol Chanin |

Jan 20, 2021

Design Review Board Members
c/o Michael Belush, Chief of Planning & Zoning
Planning Department
City of Miami Beach
1700 Convention Center Drive, 2nd Floor
Miami Beach, Florida 33139

Re: New Amenities at Single-Family Home at 6342-6360 N. Bay Road, Miami Beach
DRB20-0614 Letter of
Support

Dear Board Members:

I am the owner of 6360 N. Bay Rd, Miami Beach, Florida, which is in close proximity or abutting the above-referenced property. I spoke with the Applicant's representatives, reviewed plans and renderings for the proposed cabana and tennis court at the single-family residence, and understand all requests. The new amenities surrounded by lush landscaping create an idyllic setting and will be a welcome addition to the neighborhood.

Based on the foregoing, I fully support the Applicant's new amenities and ask the Design Review Board to grant the requested design review approval and variances.

Sincerely,

Michael B. Goldstein

Michael B. Goldstein

Print name

Jan 21, 2021

Design Review Board Members
c/o Michael Belush, Chief of Planning & Zoning
Planning Department
City of Miami Beach
1700 Convention Center Drive, 2nd Floor
Miami Beach, Florida 33139

Re: New Amenities at Single-Family Home at 6342-6360 N. Bay Road, Miami Beach
DRB20-0614 Letter of
Support

Dear Board Members:

I am the owner of 6095 N Bay Rd, Miami Beach, Florida, which is in close proximity or abutting the above-referenced property. I spoke with the Applicant's representatives, reviewed plans and renderings for the proposed cabana and tennis court at the single-family residence, and understand all requests. The new amenities surrounded by lush landscaping create an idyllic setting and will be a welcome addition to the neighborhood.

Based on the foregoing, I fully support the Applicant's new amenities and ask the Design Review Board to grant the requested design review approval and variances.

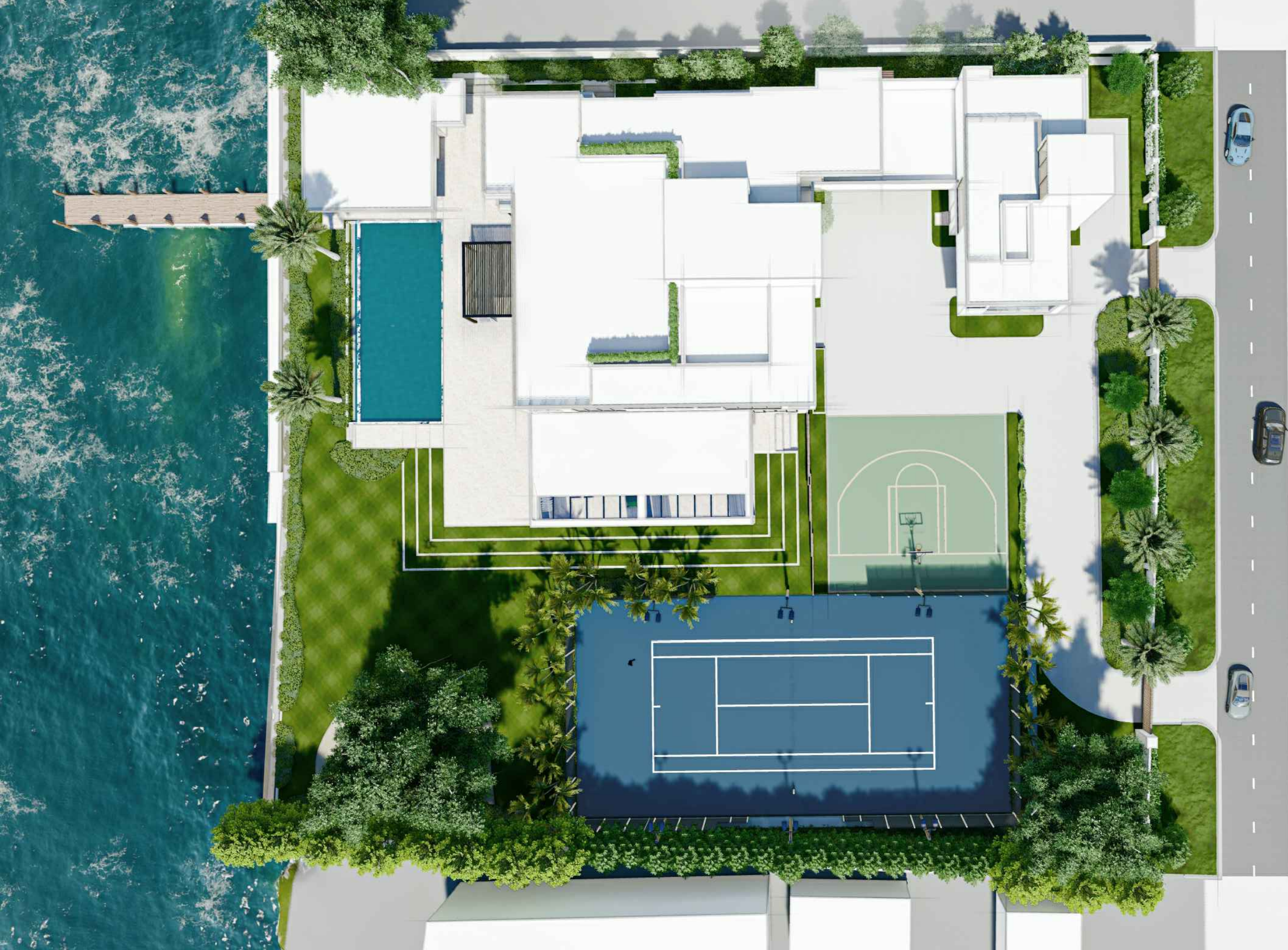
Sincerely,

DEAN CHAFFIN

Signature

DEAN CHAFFIN

Print name



PREVIOUS OPTION

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Previous Illustrative Overall Site Plan

03-16-2021

L-200.0



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SEAL:



Illustrative Overall Site Plan

03-16-2021

L-200.1



- MODIFICATIONS TO PROPOSAL**
- 0 ADDED PEDESTRIAN ENTRANCE FROM STREET
 - 1 ADDITIONAL GREEN SPACE
 - 2 REDUCED DRIVEWAY WIDTH FROM 24' TO 12'-0"
 - 3 ASTRO TURF ON ROOF
 - 4 INCREASED PLANTINGS SUCH AS AMOUNTS OF ADDITIONAL TREES & GROUND COVERINGS.
 - 5. REDUCE DEPTH OF GREEN STEPS FROM 4'-0 TO 3'-0"
 - 6. ROTATE TENNIS COURT
 - 7. INCREASED SETBACKS TO COURT LIGHTS
 - 8. PERGOLA COLOR CHANGE TO WHITE
 - 9. REDUCED SIZE OF BASKETBALL COURT
 - 10. LIGHT POLES SETBACK INCREASED TO 10'-0". LIGHT FIXTURES SETBACKS ARE 13'-0 (AN INCREASE OF 2'-0")
 - 11. ADDITIONAL STREET TREES

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SEAL:

Illustrative Detail Overall Site Plan

03-16-2021

L-200.2



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SEAL:



Previous Aerial - Street View

03-16-2021



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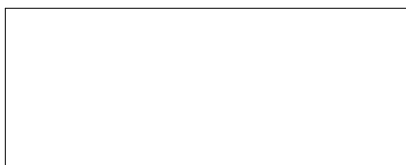
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SEAL:



Proposed Aerial- Street View

03-16-2021

A-051.1



PREVIOUS OPTION

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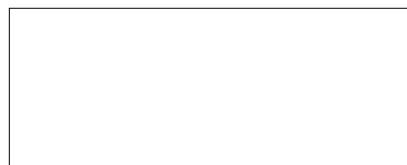
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SEAL:



Previous Aerial Render

03-16-2021

A-052.0



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SEAL:



Aerial Render

03-16-2021

_A-052.1



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SEAL:



Previous Ocean Elevation

03-16-2021



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SEAL:



Ocean Elevation

03-16-2021



PREVIOUS OPTION

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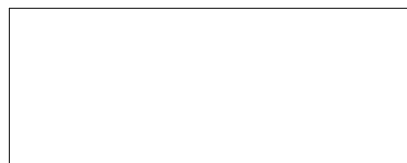


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SEAL:



*Previous Front Landscape
Elevation - N Bay Road View*

03-16-2021

L-300.0



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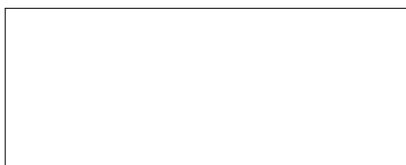
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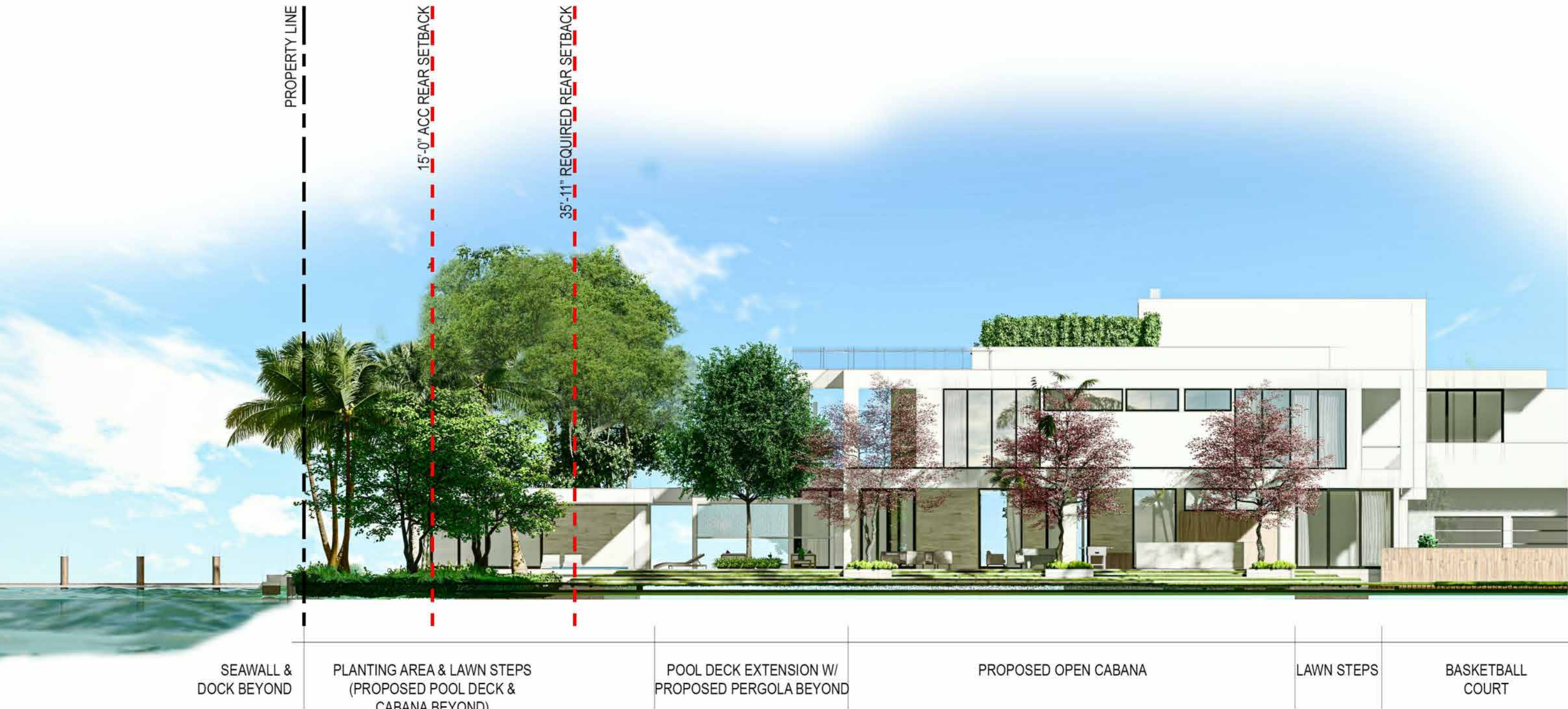
SEAL:



*Front Landscape Elevation-
N Bay Road View*

03-16-2021

L-300



SEAWALL &
DOCK BEYOND

PLANTING AREA & LAWN STEPS
(PROPOSED POOL DECK &
CABANA BEYOND)

POOL DECK EXTENSION W/
PROPOSED PERGOLA BEYOND

PROPOSED OPEN CABANA

LAWN STEPS

BASKETBALL
COURT

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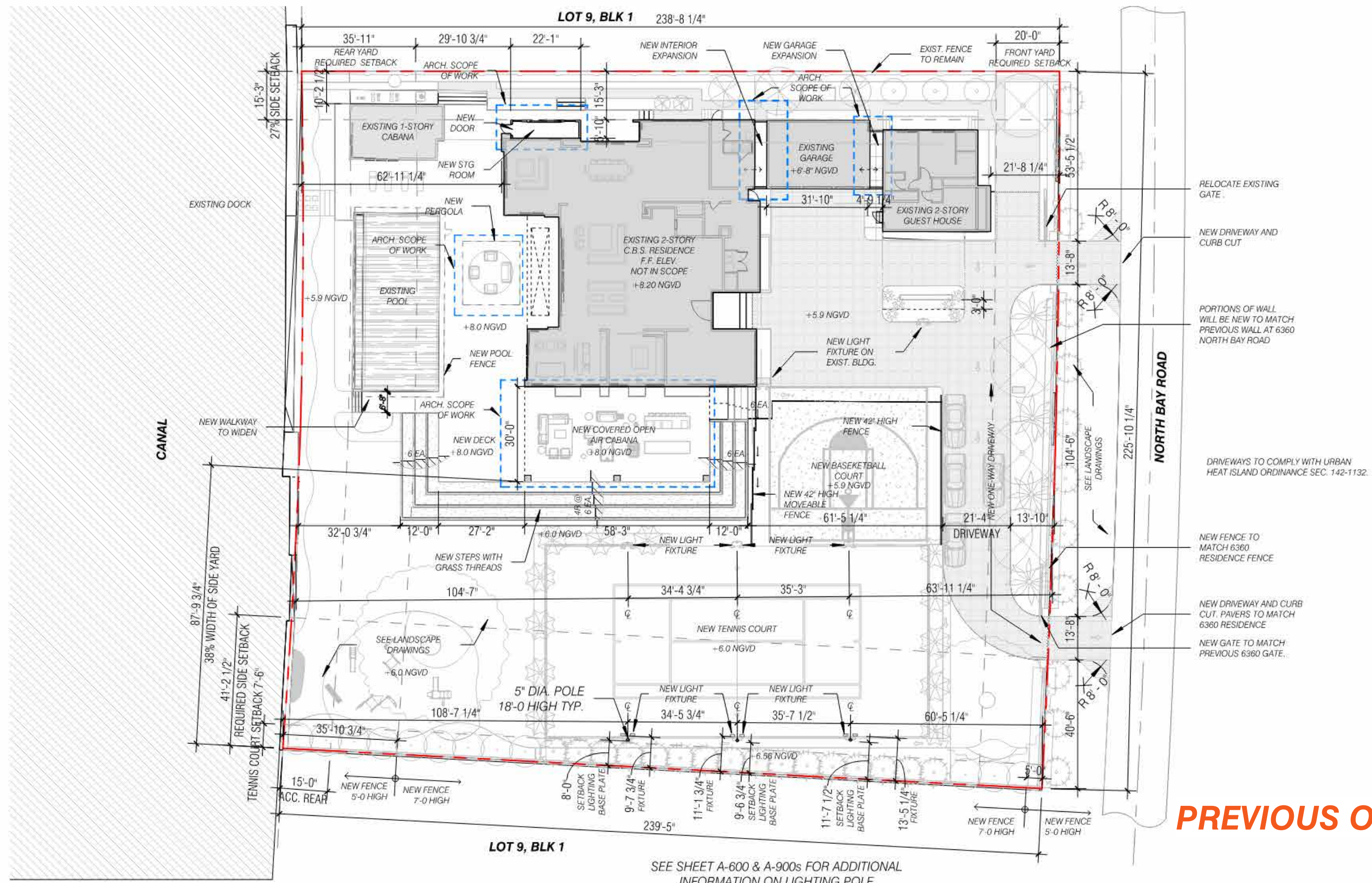
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SEAL:



Landscape Site Section

03-16-2021



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SEAL:



SEE SHEET A-600 & A-900s FOR ADDITIONAL INFORMATION ON LIGHTING POLE

Previous Site Plan

03-16-2021

_A-100.0



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SEAL:



Lighting Render

03-16-2021



0' 5' 10' 20'

SCALE: 1/32" = 1'-0"

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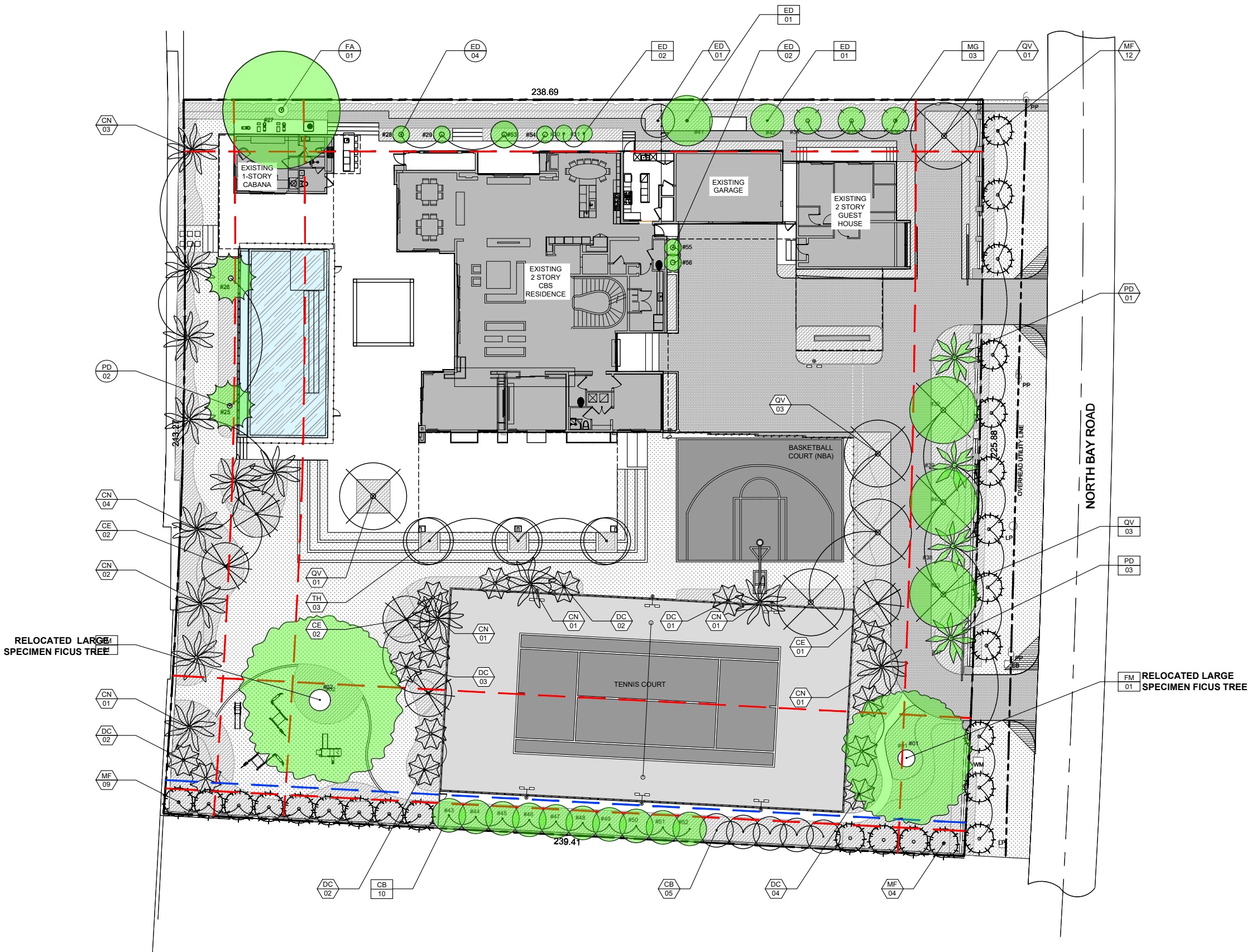


Landscape Site Plan

03-16-2021

L-200.4

- LEGEND:
- EXISTING TREES/ PALMS TO REMAIN
 - PROPOSED TREES/ PALMS
 - RELOCATED TREES/ PALMS
 - EXISTING TREES BEING PRESERVED ON SITE



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

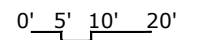
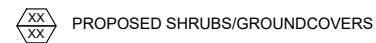
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SEAL:

Canopy Planting Plan

03-16-2021



SCALE: 1/32" = 1'-0"

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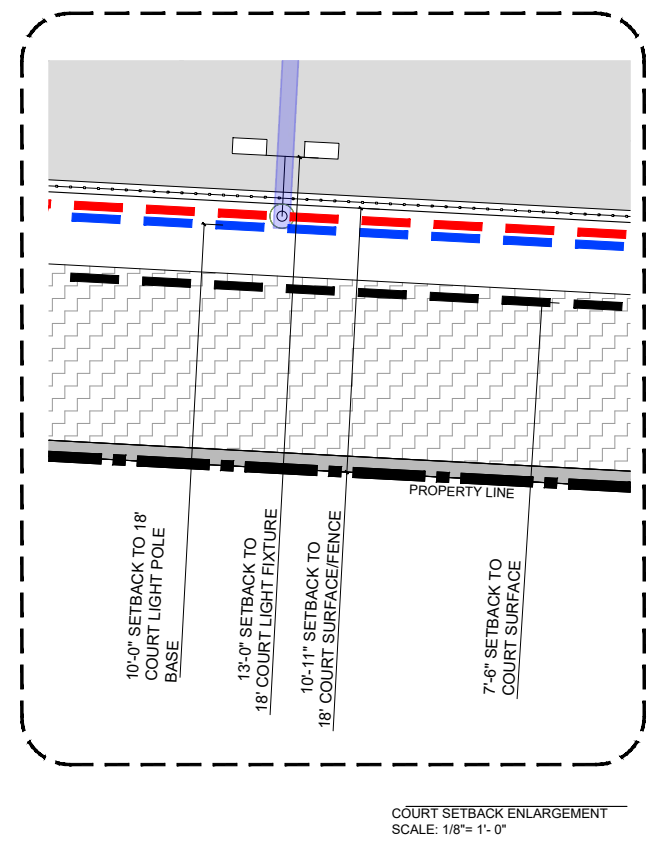
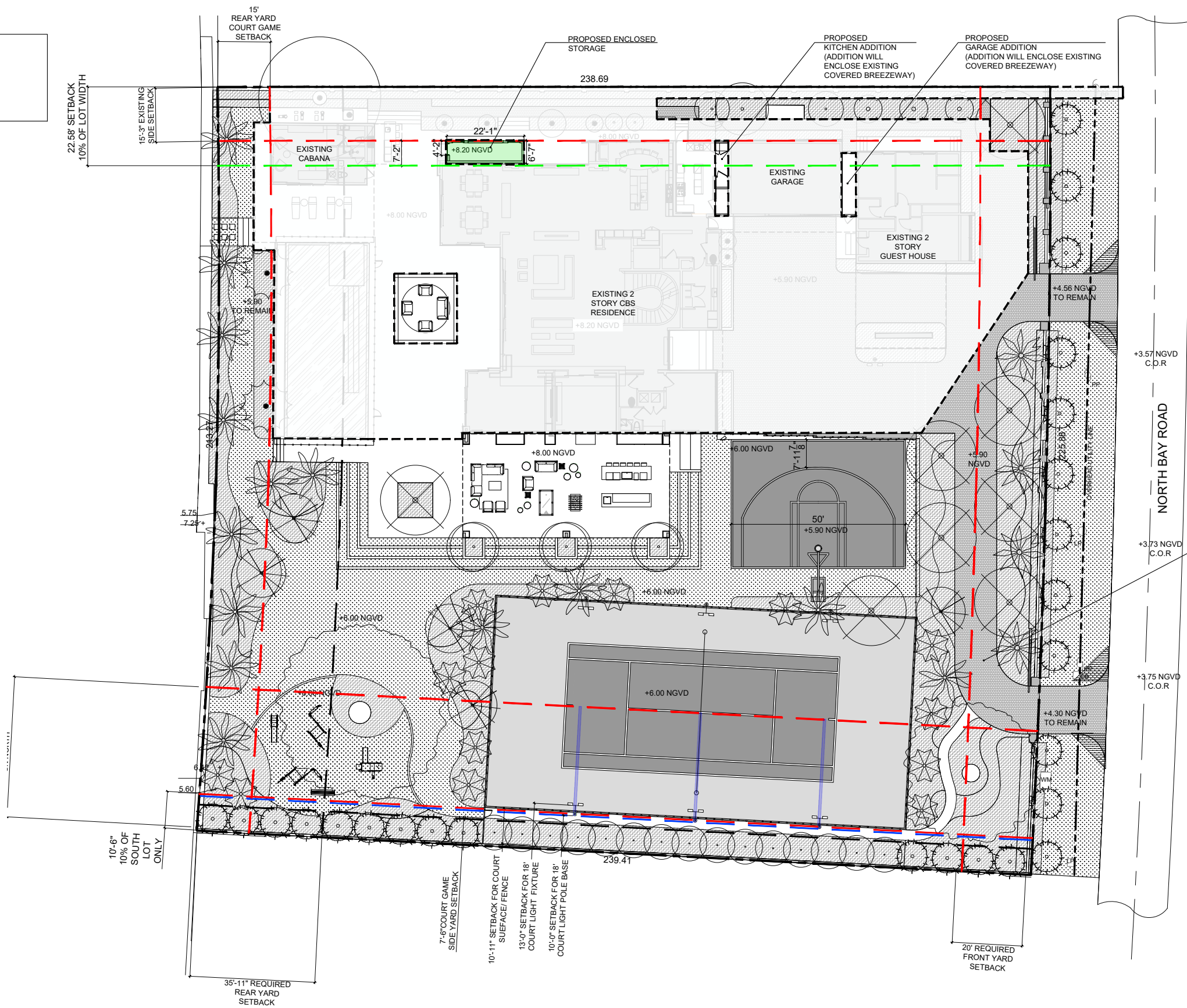
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| | |
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03-16-2021

L-501

VARIANCE LEGEND:

- SUM OF SIDE YARDS
- PROPOSED OUTDOOR STORAGE
- NOT IN SCOPE



0' 5' 10' 20'

SCALE: 1/32" = 1'-0"

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SEAL:

Variance Diagram

03-16-2021



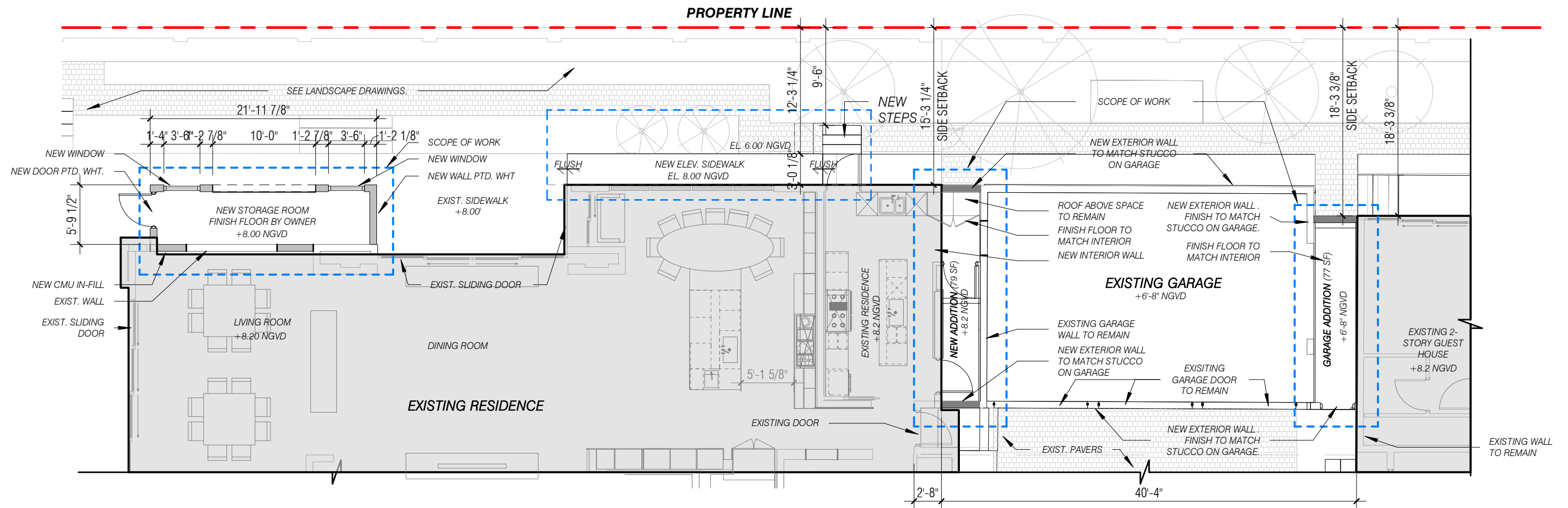
STORAGE NORTH ELEVATION



GARAGE NORTH ELEVATION



GARAGE WEST ELEVATION



STORAGE ADDITION

INTERIOR EXPANSION

GARAGE EXPANSION

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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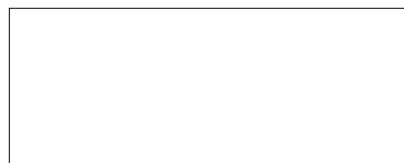
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SEAL:



Enlarge Ground Floor Plan

1" = 10'-0"

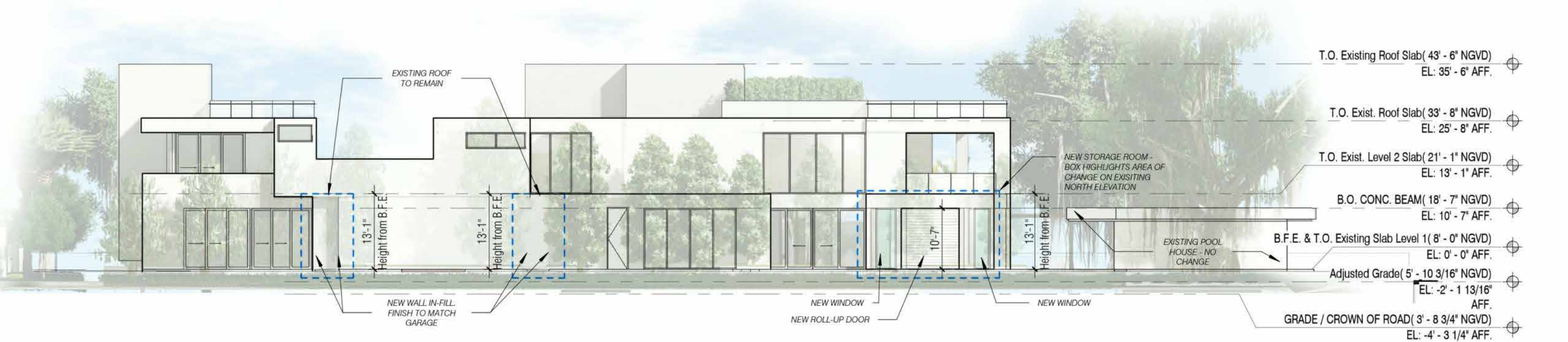
03-16-2021



A-201



Existing North Elevation
Scale: 1/16" = 1'-0"



Proposed North Elevation
Scale: 1/16" = 1'-0"

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

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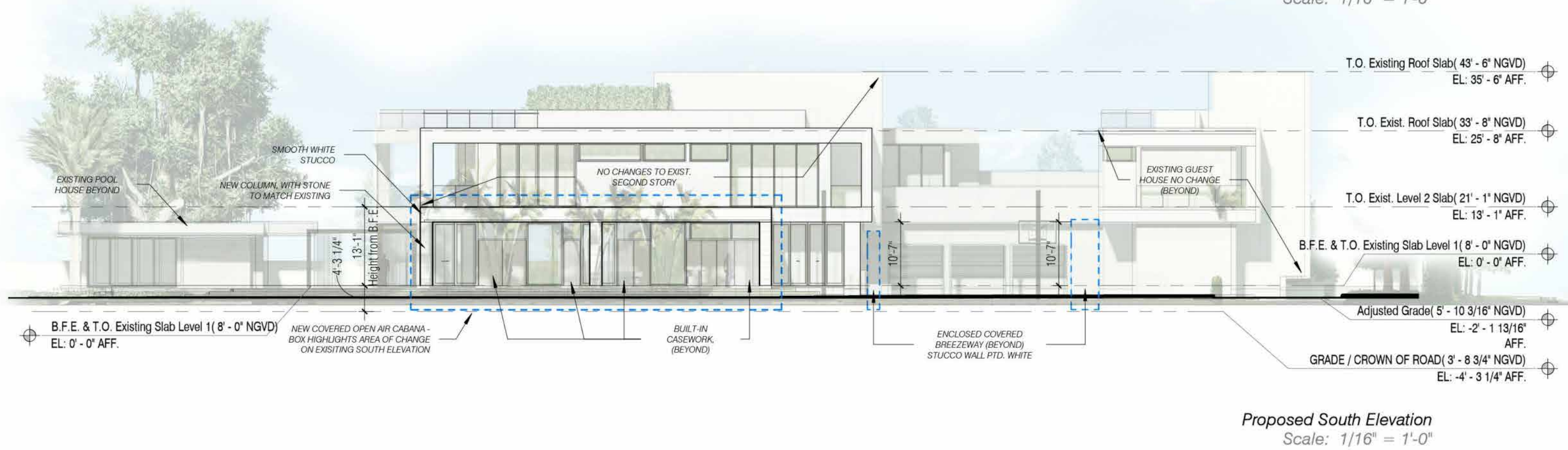
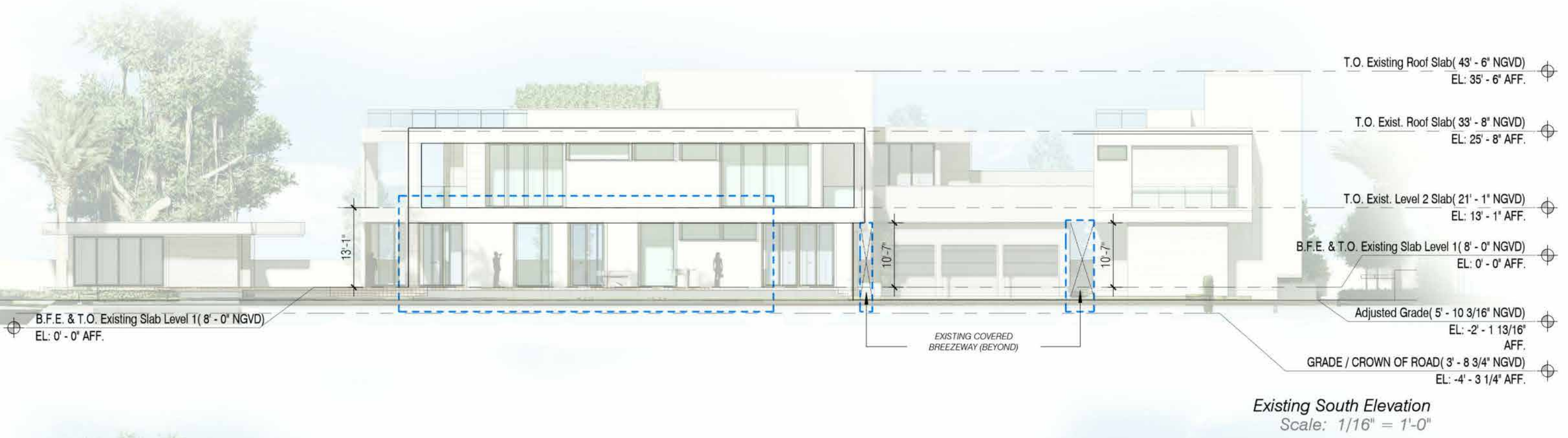
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SEAL:

Elevations

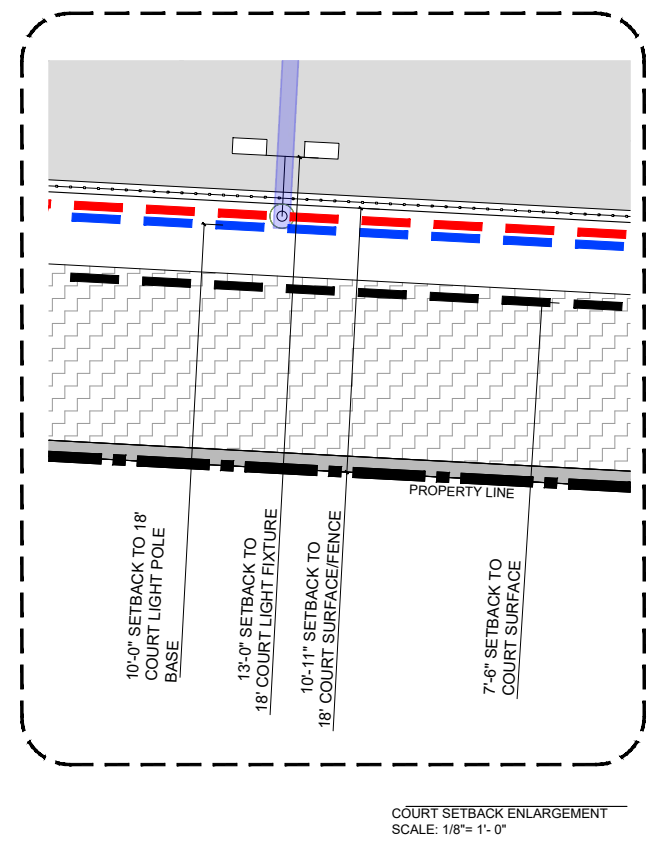
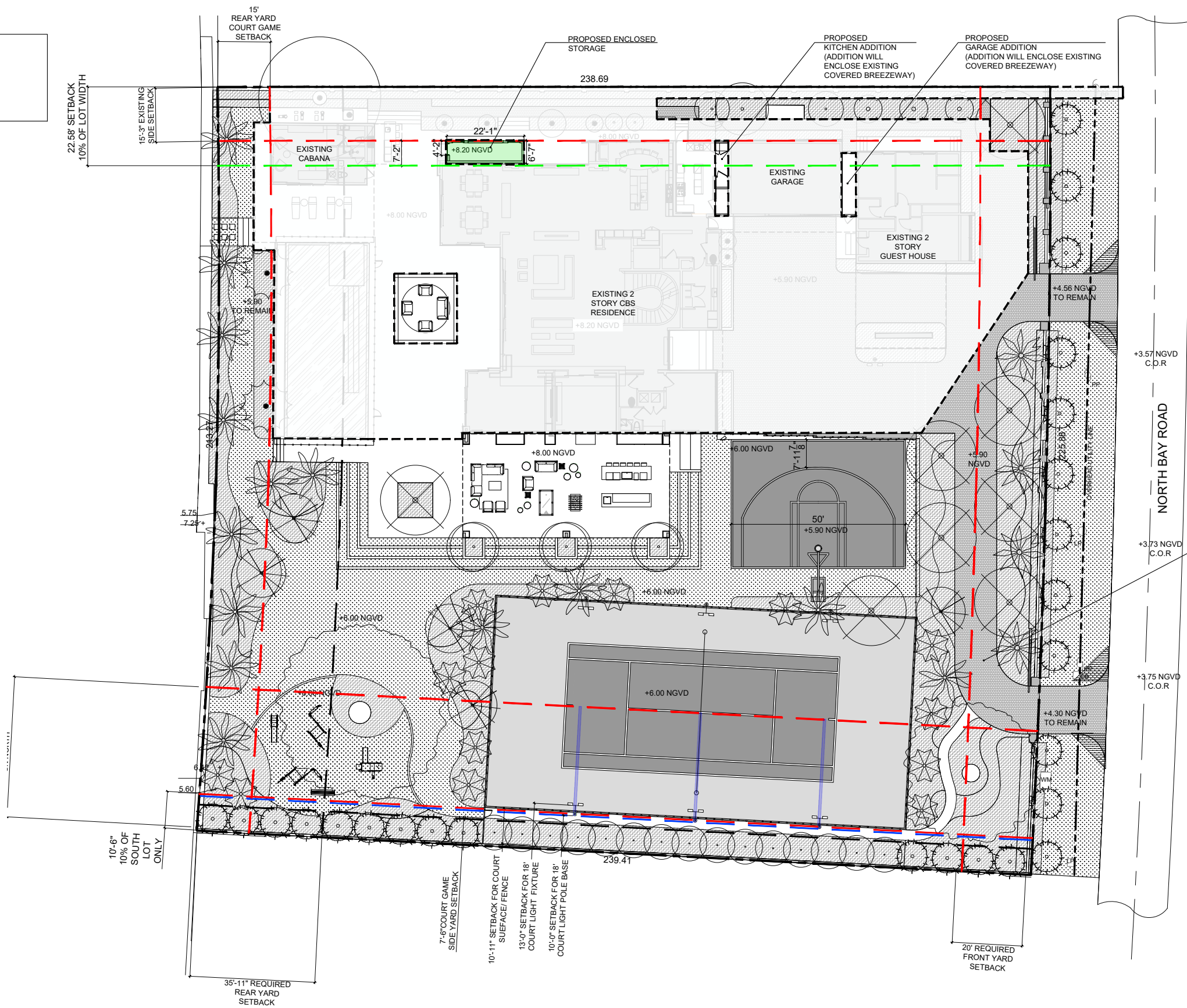
03-16-2021



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

VARIANCE LEGEND:

- SUM OF SIDE YARDS
- PROPOSED OUTDOOR STORAGE
- NOT IN SCOPE



0' 5' 10' 20'

SCALE: 1/32" = 1'-0"

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

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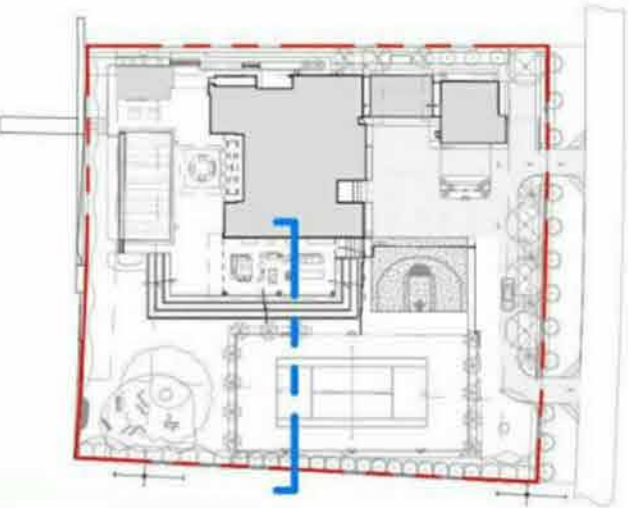
Variance Diagram

03-16-2021

TENNIS LIGHT POLE DETAIL

| POLE SPECIFICATIONS | | | | | |
|--|-----------------------|-------------------|--------------------------|-------------------|-----------------|
| NO. | COMPONENT | | | MAT'L DESIGNATION | |
| 1. | POLE SHAFT | | | 6063-T6 | |
| 2. | BASE PLATE | | | A356-T6 | |
| 3. | ANCHOR BOLTS | | | F1554 GR. 55 | |
| 4. | GALVANIZED HARDWARE | | | A153 | |
| FINISH SPECIFICATIONS | | | | | |
| POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR. | | | | | |
| POLE DIMENSIONS | | | | | |
| POLE HGT. (FT.) | TOP DIA. (IN.) | BOTTOM DIA. (IN.) | | GAGE | MTG. HGT. (FT.) |
| 18' | 3.00 | 6.00 | | .156 | 18' |
| BASE PLATE DIMENSIONS | | | | | |
| BOLT CIRCLE (IN.) | BASE PLATE DIM. (IN.) | | BOLT HOLE (IN.) | PLATE THK. (IN.) | |
| 8.75 | 11.62 | | .88 | .75 | |
| ANCHOR BOLT DIMENSIONS | | | | | |
| ANCHOR BOLT DIA. (IN.) | | | ANCHOR BOLT LENGTH (IN.) | | |
| .75 | | | 20.00 | | |
| ALLOWABLE WIND LOADING (SQ. FT.) | | | | | |
| WIND* | INDICATED EPA | 80 MPH | 90 MPH | 100 MPH | 120 MPH |
| EPA | - | 11.6 | 9.3 | 7.4 | 4.7 |

*WITH 1.3 GUST FACTOR



SITE PLAN KEY DIAGRAM
Scale: 1" = 100'-0"



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SEAL:



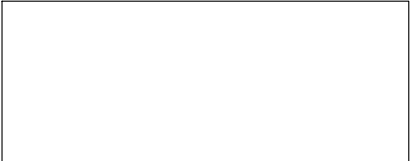
Section of Cabana

03-16-2021



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Neighboring Tennis Courts

03-16-2021



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Neighboring Tennis Courts

03-16-2021

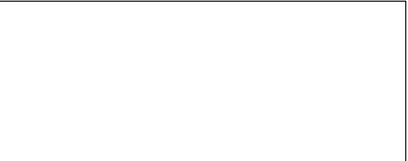


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SEAL:



Neighboring Tennis Courts

03-16-2021



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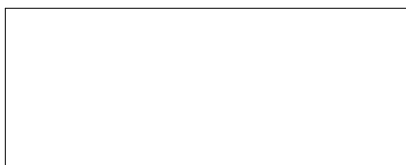
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SEAL:



Proposed Aerial- Street View

03-16-2021

A-051.1

Modified Conditions

PROPERTY/FOLIO: 6342 North Bay Road 02-3215-003-0090
6360 North Bay Road 02-3215-003-0080
FILE NO: DRB20-0614

- **Section I.D.1.c:**

- The proposed tennis court light poles **shall not** be approved as proposed.

- **Section I.D.2.a:**

- The proposed diversity of tree species shall be as increased, per Section 126-6.(b)(9), and shown on the plans, entitled "6342-6360 North Bay Road" as designed by CFZ Design, dated 03-16-2021, and as approved by the Design Review Board, as determined by staff.

- **Section II.A:**

- ~~The following variance(s) were denied by the Board:~~
 - 2. A variance to reduce by 31'-3" the minimum required interior side setback of 41'-3" for a two-story structure in order to install lightpoles with approximately 18'-0" in height for a tennis court at 10'-0" from the southwest interior side property line.
 - 3. A variance to reduce by 31'-3" the minimum required sum of the side setbacks of 56'-6" for a two-story structure in order to install lightpoles with approximately 18'-0" in height for a tennis court and provide a sum of the side setbacks of 25'-3".

- **Section II.C:**

- C. The Board hereby **Approves** the variance requests #1, ~~and Denies variance requests~~ #2 and #3 and imposes the following conditions based on its authority in Section 118-354 of the Miami Beach City Code:

- **Section II.C.2:**

- 2. The tennis court shall not be used after 9:00 pm between the hours of 10:30 PM and 7:30 AM, seven days a week. Additionally, all lighting fixtures associated with the tennis court shall be turned off by 9:00 pm between 10:30 PM and 7:30 AM, seven days a week.

- **Section II.C.3:**

- 3. Ball machines which operate on compressed air shall not be used between the hours of 7:00 PM and 8:00 AM, seven days a week. Silent running ball machines which operate at a noise level not plainly audible when measured at the property boundary shall not be used between the hours of 10:30 PM and 7:30 AM, seven days a week.

MATERIAL BOARD



POOL STONE TILE



GLASS SKYLIGHT



GLASS AND FRAME



WHITE STUCCO



VEHICULAR PAVERS



WOOD CEILING



STONE CLADDING ON BDLG



METAL COLUMNS

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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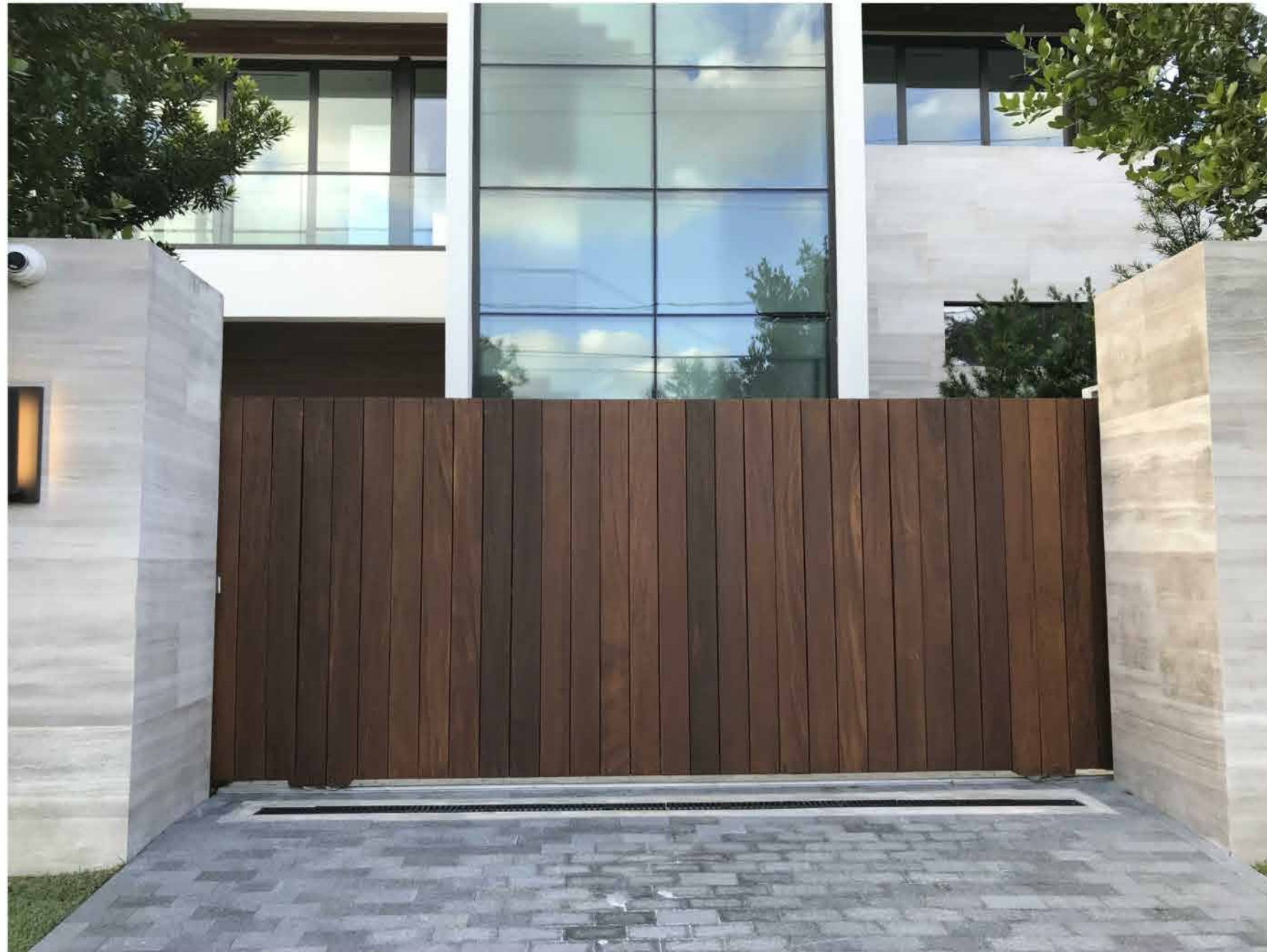
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SEAL:



Material Board

03-16-2021



VEHICULAR GATES & WALL



TENNIS COURT FENCE

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Material Board

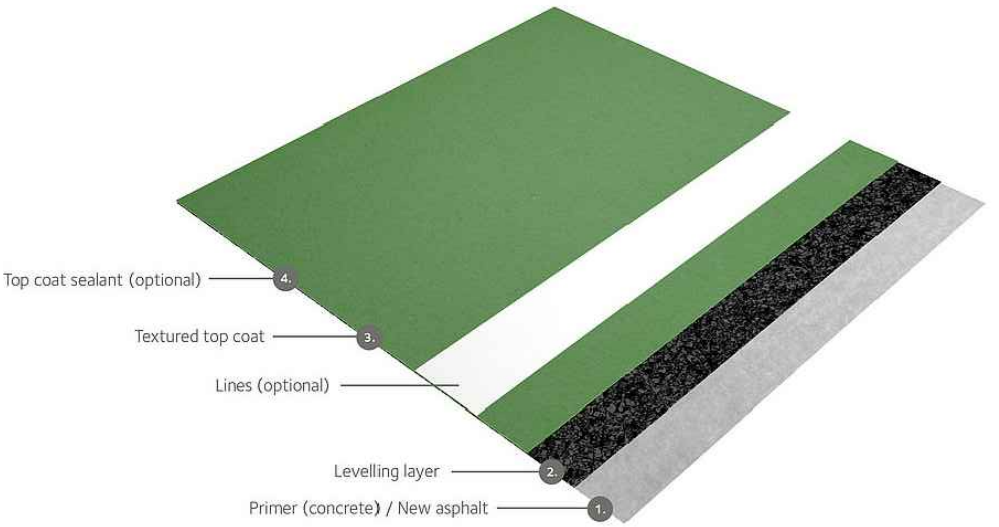
03-16-2021



ARTIFICIAL GRASS



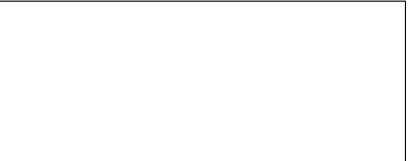
PERMEABLE PAVERS



ACRYLIC SPORTS SURFACE

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SEAL:



Materials Board

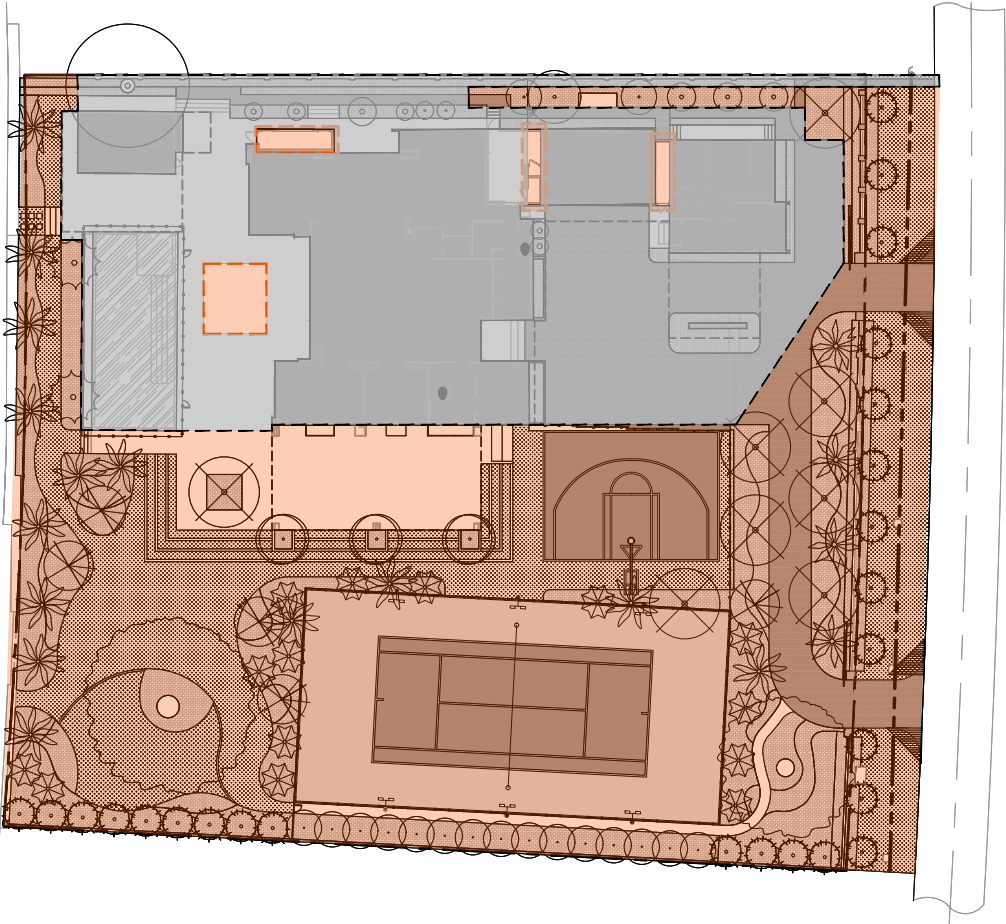
03-16-2021

| SHEET INDEX | | X = SHEET SUBMITTED • = SHEET REVISED | | | | | |
|-------------|---|--|--------------------------------------|--------------------------------------|---|---|--|
| SHEET # | | PRE-DRB SUBMITTAL 11/16/2020 | FINAL DRB SUBMITTAL 12/07/2020 | DRB REV 1 SUBMITTAL 03/16/2021 | | | |
| L-000 | COVER SHEET | X | X | • | X | • | |
| A-000 | AXONOMETRIC | | X | • | X | • | |
| L-200.0 | PREVIOUS ILLUSTRATIVE OVERALL SITE PLAN | | | | X | | |
| L-200.1 | PROPOSED ILLUSTRATIVE OVERALL SITE PLAN | | X | | X | • | |
| L-200.2 | DETAILED ILLUSTRATIVE OVERALL SITE PLAN | | | | X | | |
| A-051.0 | PREVIOUS AERIAL - STREET VIEW | | | | X | | |
| A-051.1 | PROPOSED AERIAL - STREET VIEW | | X | | X | • | |
| A-052.0 | PREVIOUS AERIAL RENDER | | | | X | | |
| A-052.1 | PROPOSED AERIAL RENDER | | X | | X | • | |
| A-054.0 | PREVIOUS OCEAN ELEVATION | | | | X | | |
| A-054.1 | PROPOSED OCEAN ELEVATION | | X | | X | • | |
| L-300.0 | PREVIOUS FRONT LANDSCAPE ELEVATION | | | | X | | |
| L-300 | PROPOSED FRONT LANDSCAPE ELEVATION | | X | | X | • | |
| L-301 | LANDSCAPE SITE SECTION | | X | | X | | |
| A-100.0 | PREVIOUS SITE PLAN | | | | X | | |
| A-100.1 | PROPOSED SITE PLAN | | X | | X | • | |
| L-200.3 | PREVIOUS LANDSCAPE SITE PLAN | | | | X | | |
| L-200.4 | PROPOSED LANDSCAPE SITE PLAN | | X | | X | • | |
| L-001 | SITE MAP AND SHEET INDEX | X | X | • | X | | |
| L-002 | ZONING DATA TABLE | X | X | • | X | • | |
| | SITE SURVEY (BY OTHERS) | | X | | X | | |
| L-003 | EXISTING SITE CONDITIONS | X | X | | X | | |
| L-004 | NEIGHBORHOOD CONTEXT | X | X | | X | | |
| L-005 | NEIGHBORHOOD CONTEXT | X | X | | X | | |
| L-006 | NEIGHBORING TENNIS COURTS | | | | X | | |
| L-007 | NEIGHBORING TENNIS COURTS | | | | X | | |
| L-008 | NEIGHBORHOOD TENNIS COURTS | | | | X | | |
| A-060 | DEMOLITION PLAN | | X | | X | | |
| A-001 | ZONING DIAGRAMS - LOT COVERAGE | | X | | X | • | |
| A-001.1 | ZONING DIAGRAMS - UNIT SIZE | | X | | X | • | |
| A-001.3 | PROPOSED FRONT AND REAR YARD LANDSCAPE OPEN SPACE | | | | X | • | |
| L-503 | REQUIRED OVERALL OPEN SPACE | | X | | X | • | |
| A-001.4 | IMPERVIOUS DIAGRAM | | X | | X | • | |
| L-203 | PERMEABLE AREA DIAGRAM | | | | X | | |
| A-100.1 | PROPOSED SITE PLAN | | X | | X | • | |
| L-200.3 | PROPOSED LANDSCAPE SITE PLAN | | X | | X | • | |
| L-500 | CANOPY PLANTING PLAN | X | X | • | X | • | |
| L-501 | UNDERSTORY PLANTING PLAN | X | X | • | X | • | |
| A-201 | ENLARGED GROUND FLOOR PLAN - STORAGE UNIT | | X | | X | • | |
| A-201.2 | STORAGE DIAGRAM | | X | | X | • | |
| A-200 | ENLARGED GROUND FLOOR PLAN - CABANA | | X | | X | • | |
| A-300 | ROOF PLAN | | X | | X | • | |
| A-056 | SITE SECTION - WEST TO EAST | | X | | X | • | |
| L-301 | SITE SECTION - WEST TO EAST | | X | | X | • | |
| A-500 | ELEVATIONS | | X | | X | • | |
| A-501 | ELEVATIONS | | X | | X | • | |
| A-502 | ELEVATIONS | | X | | X | • | |
| L-202 | HARDSCAPE MATERIALS + DIMENSIONS | | X | | X | • | |
| A-801 | MATERIALS BOARD | | X | | X | • | |
| A-801.2 | MATERIALS BOARD | | X | | X | • | |
| L-202.1 | MATERIALS BOARD | | X | | X | | |
| L-204 | VARIANCE DIAGRAM | X | X | • | X | • | |
| A-600 | SECTION OF CABANA AND TENNIS COURT | | X | | X | • | |

| | | | | | | | |
|-------|--|---|--|---|---|---|---|
| A-900 | LIGHTING PHOTOMETRICS | | | X | | X | |
| A-901 | LIGHTING SPECIFICATIONS | | | X | | X | |
| A-902 | LIGHTING SPECIFICATIONS | | | X | | X | |
| A-903 | LIGHTING SPECIFICATIONS | | | X | | X | |
| A-904 | LIGHTING SPECIFICATIONS | | | X | | X | |
| L-100 | TREE DISPOSITION PLAN | X | | X | | X | |
| L-101 | TREE DISPOSITION SCHEDULE | | | X | | X | |
| L-102 | TREE MITIGATION PLAN | X | | X | | X | • |
| L-103 | TREE MITIGATION SCHEDULE | X | | X | | X | • |
| L-502 | PLANTING SCHEDULE AND LANDSCAPE LEGEND | X | | X | • | X | • |
| L-504 | PLANTING DETAILS | | | X | | X | • |



LOCATION MAP
6342/6360 NORTH BAY ROAD
MIAMI BEACH, FLORIDA 33141

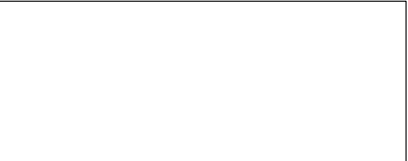


SCOPE OF WORK DIAGRAM

- SCOPE OF WORK
- NOT IN SCOPE

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Site Map and Sheet Index

03-16-2021

SINGLE FAMILY RESIDENTIAL - ZONING DATA SHEET

| ITEM # | Zoning Information | | | | |
|--------|--|---|--|--|-----------------------------------|
| 1 | Address: | 6342 North Bay Road & 6360 North Bay Road | | | |
| 2 | Folio number(s): | 02-3215-003-0090 & 02-3215-003-0080 | | | |
| 3 | Board and file numbers : | DRB20-0614 | | | |
| 4 | Year built: | 1935 & 2018 | Zoning District: RS-2 | | |
| 5 | Based Flood Elevation: | 8 NGVD | Grade value in NGVD: | 3.73 NGVD | |
| 6 | Adjusted grade (Flood+Grade/2): | 5.85 NGVD | Free board: | | |
| 7 | Lot Area: | 52,316 SF | | | |
| 8 | Lot width: | 225'-10 1/4" | Lot Depth: | 239'-5" FT | |
| 9 | Max Lot Coverage SF and %: | 15,694.8 SF (30%) | Proposed Lot Coverage SF and %: | 11,984 S.F. (22.9%) | |
| 10 | Existing Lot Coverage SF and %: | 9,580 S.F. (34.6%) | Lot coverage deducted (garage-storage) SF: | 11,484 S.F. (21.9%) | |
| 11 | Front Yard Open Space SF and %: | 2,511 S.F. 55.7% | Rear Yard Open Space SF and %: | 6,064 S.F. (78.8%) | |
| 12 | Max Unit Size SF and %: | 26,158 S.F. | Proposed Unit Size SF and %: | 14,020 S.F. (26.7%) | |
| 13 | Existing First Floor Unit Size: | 7,317 SF (26.4%) | Proposed First Floor Unit Size: | 7,882 SF (15.0%) | |
| 14 | Existing Second Floor Unit Size | 6,138 S.F. (22.1%) | Proposed Second Floor volumetric Unit Size SF and % (Note: to exceed 70% of the first floor of the main home require DRB Approval) | NO NEW WORK WAS ADDED TO CHANGE EXISITING CONDITIONS | |
| 15 | | | Proposed Second Floor Unit Size SF and % : | | |
| 16 | | | Proposed Roof Deck Area SF and % (Note: Maximum is 25% of the enclosed floor area immediately below): | NO NEW WORK WAS ADDED TO CHANGE EXISITING CONDITIONS | |
| | | | | | |
| | | Required | Existing | Proposed | Deficiencies |
| 17 | Height: | | | | |
| 18 | Setbacks: | | | | |
| 19 | Front level: | 20 FT | 21'-8" | 21'-8" | |
| 21 | Side North: | Remainder of 25% of lot width | 15'-3" | 15'-3" | |
| 22 | Side South: | 41'-2 1/2" | 118'-4 1/2" | 87'-9 3/4" | 10'-0" (TENNIS COURT LIGHTS ONLY) |
| 23 | Rear: | 35-11" FT | 62'-11" | 50'-3" | |
| | Accessory Structure Side 1: | | | | |
| 24 | Accessory Structure Side 2 or (facing street) : | | 10'-1" | 10'-1" | |
| 25 | Accessory Structure Rear: | | 15'-8" | 15'-8" | |
| 26 | Sum of Side yard : | 56'-5 1/2" FT. | 134' -0 3/4" | 103'-0" - 3/4" | 23'-3" (FOR TENNIS COURT ONLY) |
| 27 | Located within a Local Historic District? | | NO | | |
| 28 | Designated as an individual Historic Single Family Residence Site? | | NO | | |
| 29 | Determined to be Architecturally Significant? | | NO | | |

Notes:

If not applicable write N/A

All other data information should be presented like the above format

| | Required | Existing | Proposed | Deficiencies |
|------------------------|------------|----------|------------|--------------|
| Tennis Court Setbacks: | | | | |
| Side | 7.5' | | 10'-11" | |
| Rear | 7.5' | | 81'-2-7/8" | |
| Tennis Light fixtures: | | | | |
| Side | 41'-2 1/2" | | 10'-0" | 31'-2 1/2" |

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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SEAL:



Zoning Data Table

03-16-2021

6342 NORTH BAY ROAD



FRONT

6360 NORTH BAY ROAD



FRONT



MIDDLE



MIDDLE



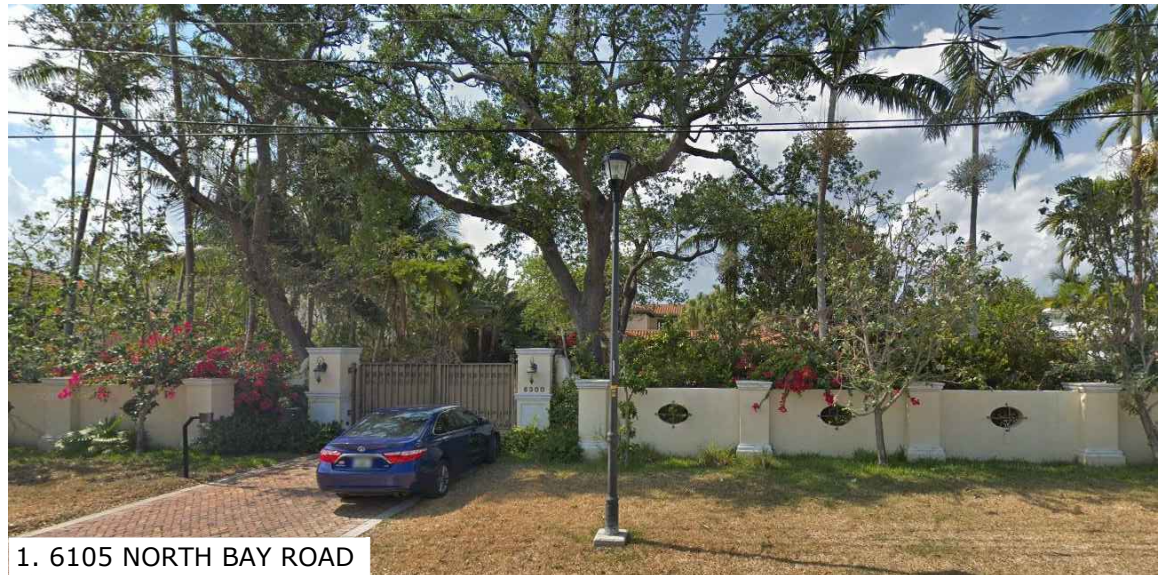
REAR



REAR

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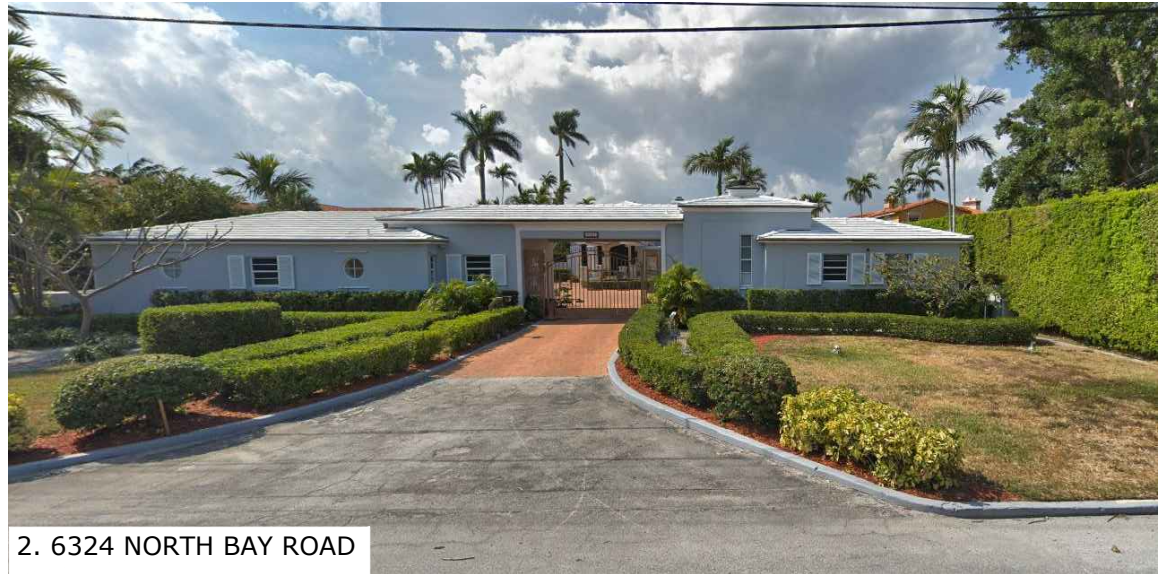




1. 6105 NORTH BAY ROAD



4. 6396 NORTH BAY ROAD



2. 6324 NORTH BAY ROAD



3. 6386 NORTH BAY ROAD



KEY PLAN

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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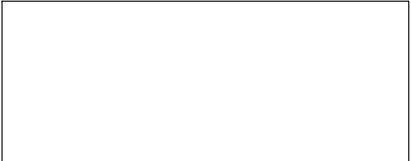
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Neighborhood Context

03-16-2021

L-004



1. 6361 NORTH BAY ROAD



4. 6391 NORTH BAY ROAD



2. 6371 NORTH BAY ROAD



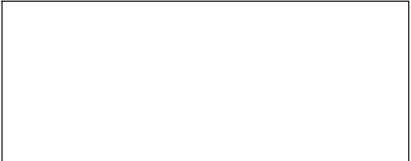
KEY PLAN



3. 6381 NORTH BAY ROAD

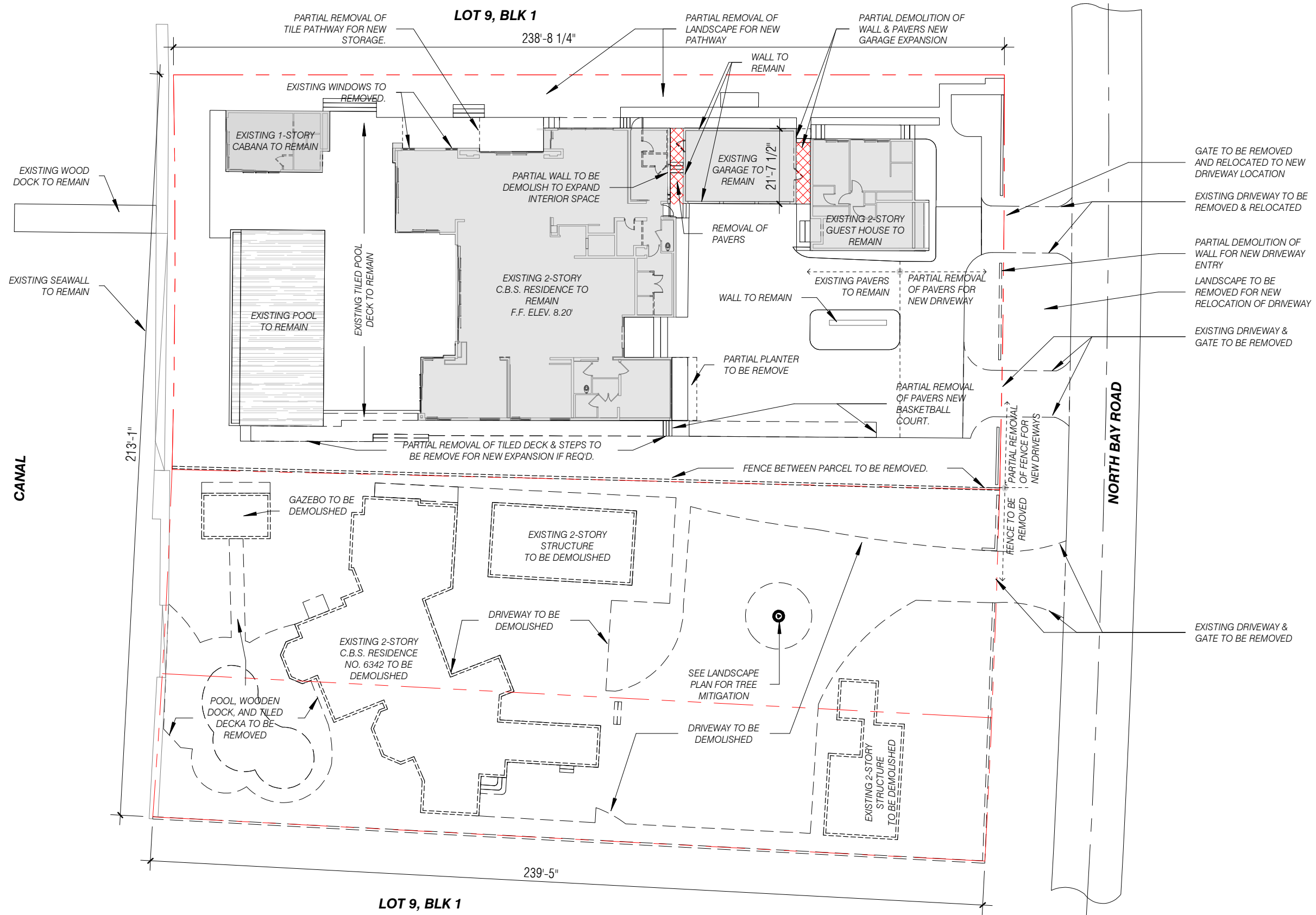
6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Neighborhood Context

03-16-2021



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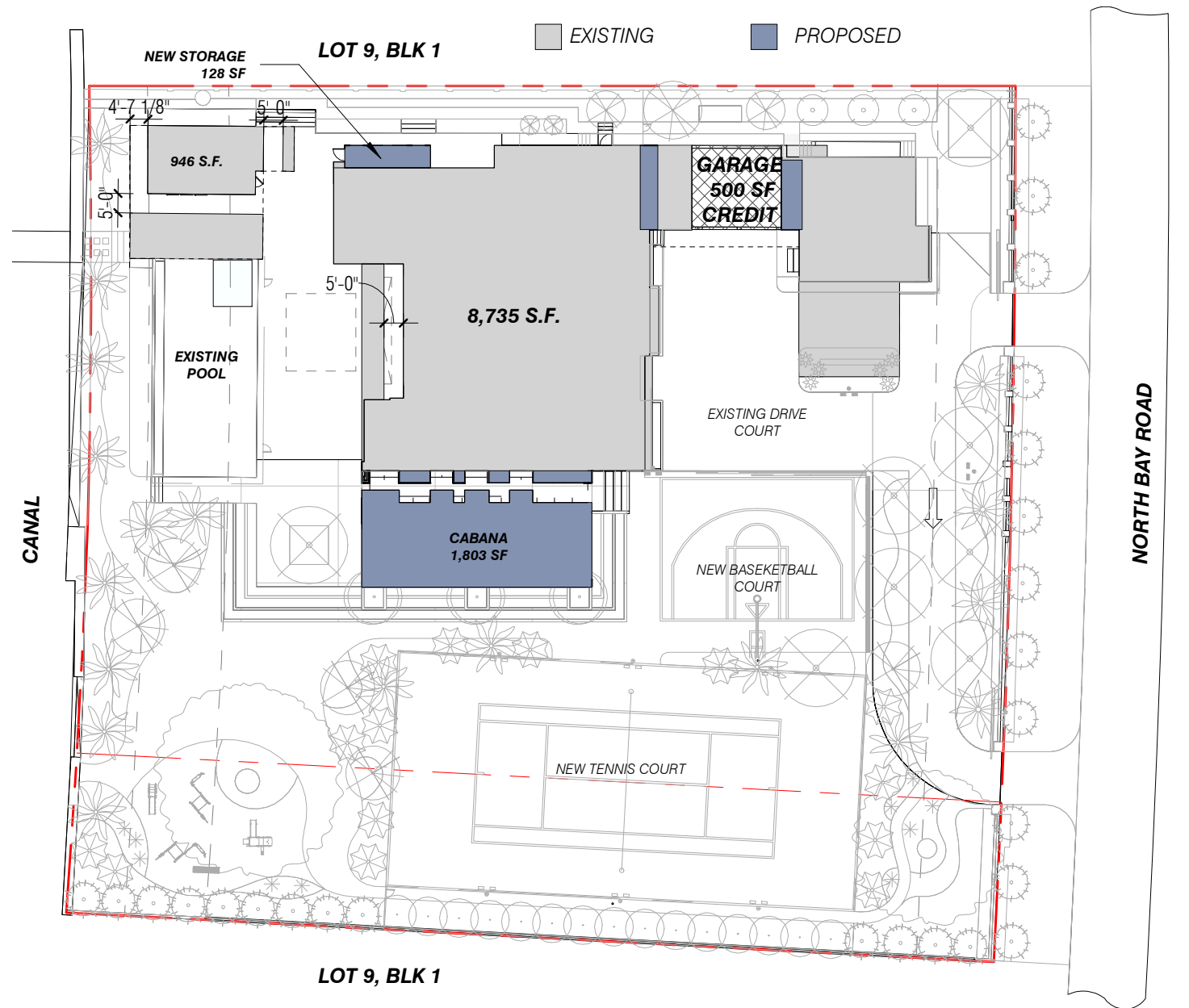
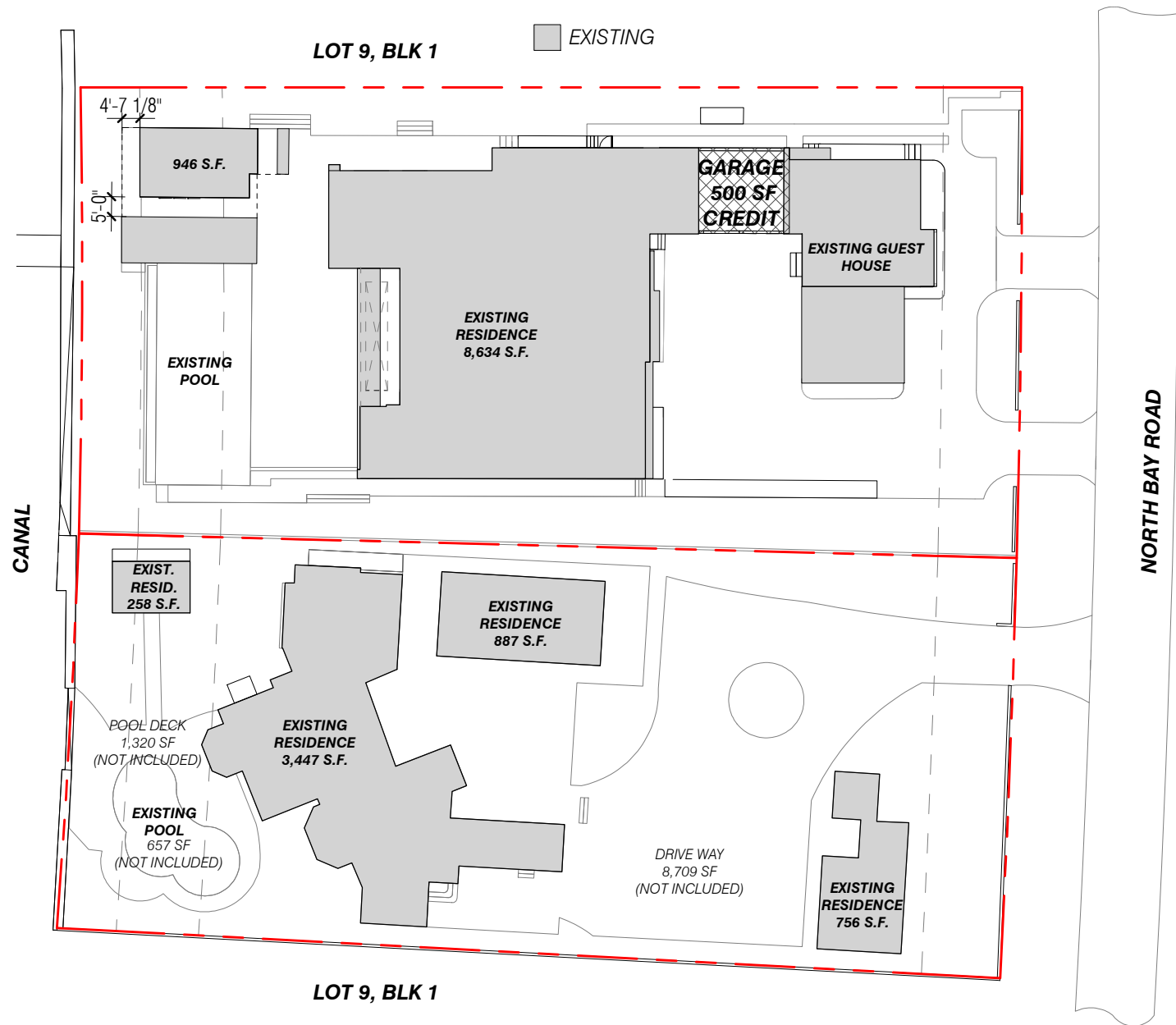
Demolition Plan

1" = 30'-0"

03-16-2021



_A-060



| | | | |
|--------------------------------|-------------|---------|--|
| 6360 NORTH BAY ROAD LOT | | | |
| LOT SIZE | 27,668 S.F. | | |
| LOT COVERAGE | 9,580 S.F. | (34.6%) | |
| GARAGE DEDUCTION | | | |
| | -500 S.F. | | |
| TOTAL | 9,080 S.F. | (32.8%) | |
| 6342 NORTH BAY ROAD LOT | | | |
| LOT SIZE | 24,648 S.F. | | |
| LOT COVERAGE | 5,348 S.F. | (21.7%) | |
| COMBINED: | | | |
| LOT SIZE | 52,316 S.F. | | |
| LOT COVERAGE | 14,927 | (28.5%) | |

EXISTING LOT COVERAGE

Scale: 1" = 40'-0"

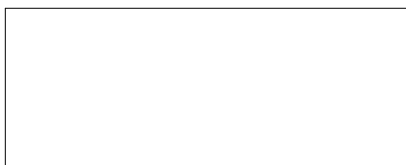
| | | | |
|----------------------------|-------------|---------|--|
| 6360 NORTH BAY ROAD | | | |
| LOT SIZE | 52,316 S.F. | | |
| ALLOWED LOT COVERAGE | 15,694.8 | (30%) | |
| PROVIDED LOT COVERAGE | 11,984 S.F. | (22.9%) | |
| GARAGE DEDUCTION | | | |
| | -500 S.F. | | |
| TOTAL: | 11,484 S.F. | (21.9%) | |

PROPOSED LOT COVERAGE

Scale: 1" = 40'-0"

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

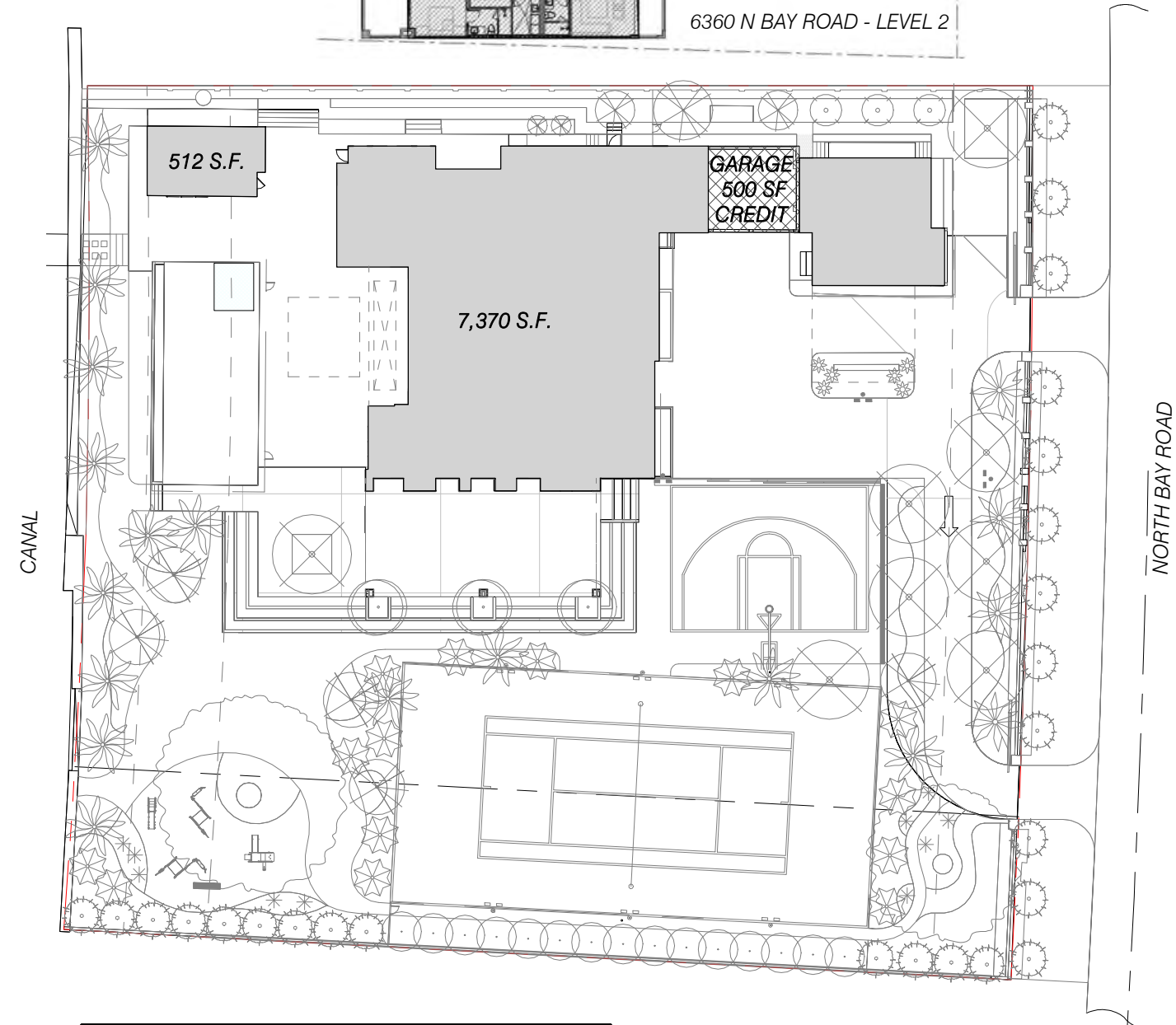
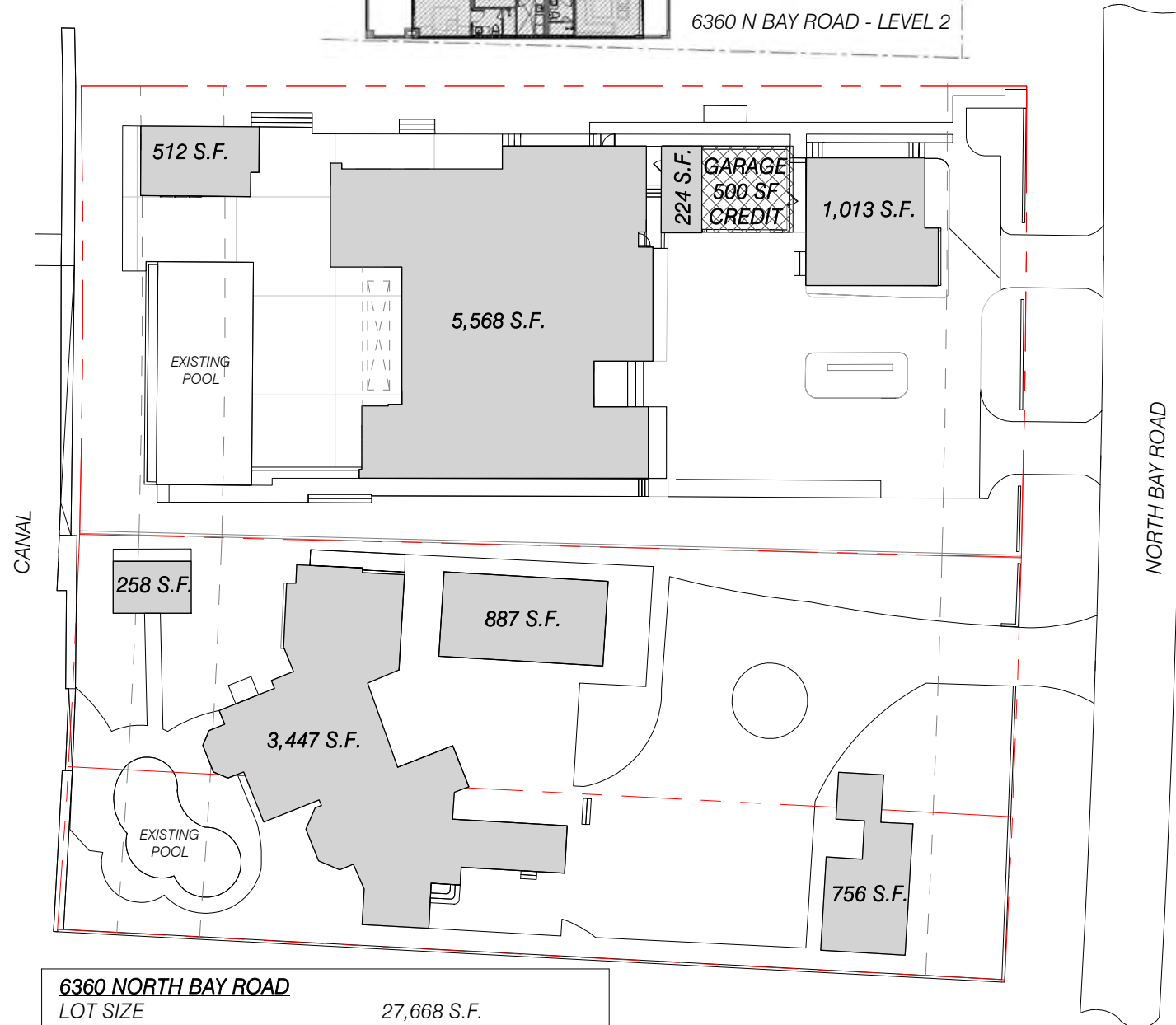
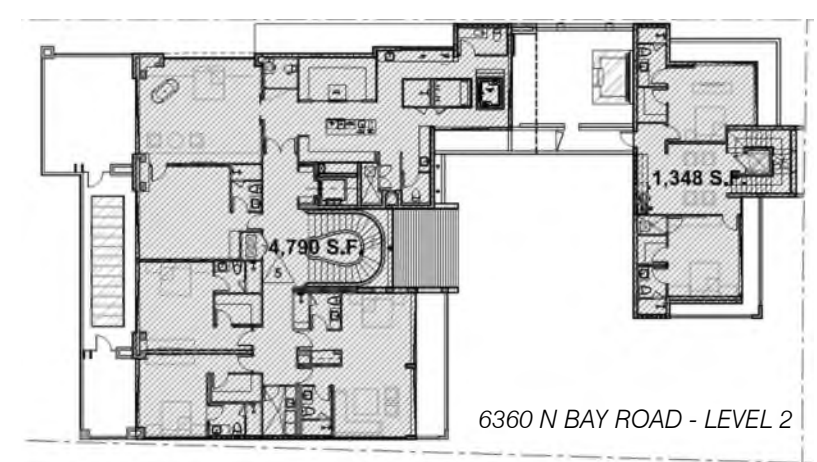
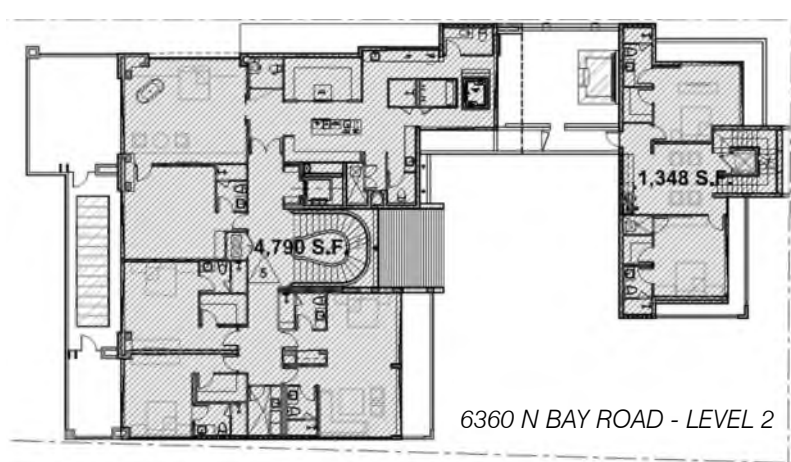
SEAL:



Zoning Diagrams - Lot Coverage

1" = 40'-0"

03-16-2021



| | |
|----------------------------|---------------------|
| 6360 NORTH BAY ROAD | |
| LOT SIZE | 27,668 S.F. |
| UNIT SIZE LEVEL 1 | 7,317 S.F. (26.4%) |
| UNIT SIZE LEVEL 2 | 6,138 S.F. (22.1%) |
| SUB TOTAL: | 13,455 S.F. (48.6%) |
| 6342 NORTH BAY ROAD | |
| LOT SIZE | 24,648 S.F. |
| UNIT SIZE | 5,348 S.F. (21.6%) |

EXISTING UNIT SIZE
Scale: 1" = 40'-0"

| | |
|-----------------------------------|--------------------|
| 6360 NORTH BAY ROAD | |
| LOT SIZE | 52,316 S.F. |
| MAX ALLOWABLE UNIT SIZE | 26,158 S.F. (50%) |
| UNIT SIZE LEVEL 1 | 7,882 S.F. (15%) |
| UNIT SIZE LEVEL 2 | 6,138 S.F. (11.7%) |
| TOTAL: 14,020 S.F. (26.7%) | |

PROPOSED UNIT SIZE
Scale: 1" = 40'-0"

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

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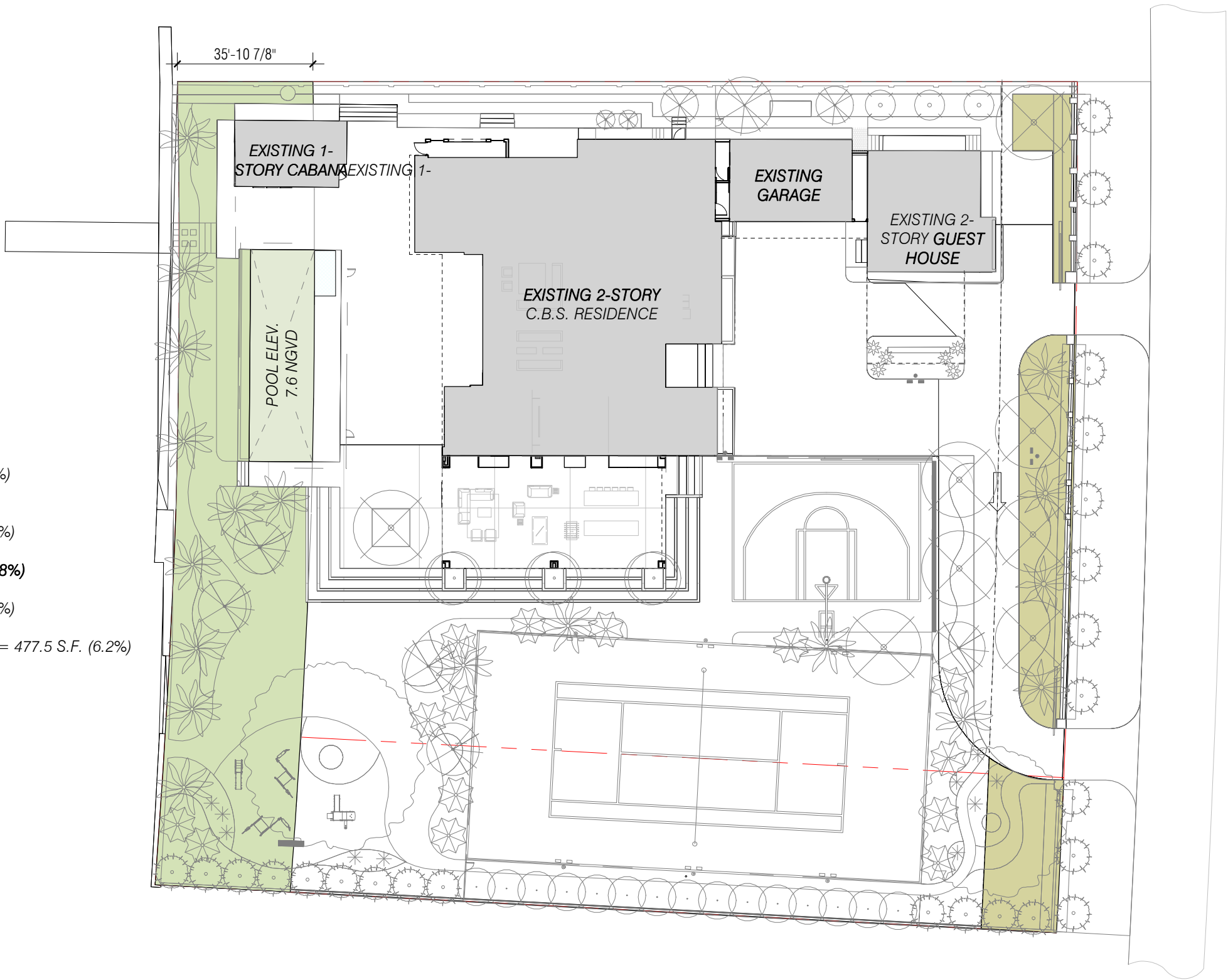
Zoning Diagram - Unit Size

1" = 40'-0"

03-16-2021



A-001.2



REAR YARD CALCULATIONS:

| | |
|------------------------------------|------------------------------------|
| AREA : | 7,689 S.F. (100%) |
| DECK / ACCESSORY BLDG. AREA: | 1,625 S.F. (21.1%) |
| LANDSCAPE / POOL AREA (A+B) | 6,054 S.F. (78.8%) |
| A - LANDSCAPE: | 5,577 S.F. (72.6%) |
| B - POOL AREA ABV ADJ. GRADE: | 955 S.F. * 50% = 477.5 S.F. (6.2%) |

FRONT YARD CALCULATIONS:

| | |
|-----------|--------------------|
| AREA : | 4,506 S.F. (100%) |
| DRIVEWAY: | 1,995 S.F. (44.3%) |
| LANDSCAPE | 2,509 S.F. (55.7%) |

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



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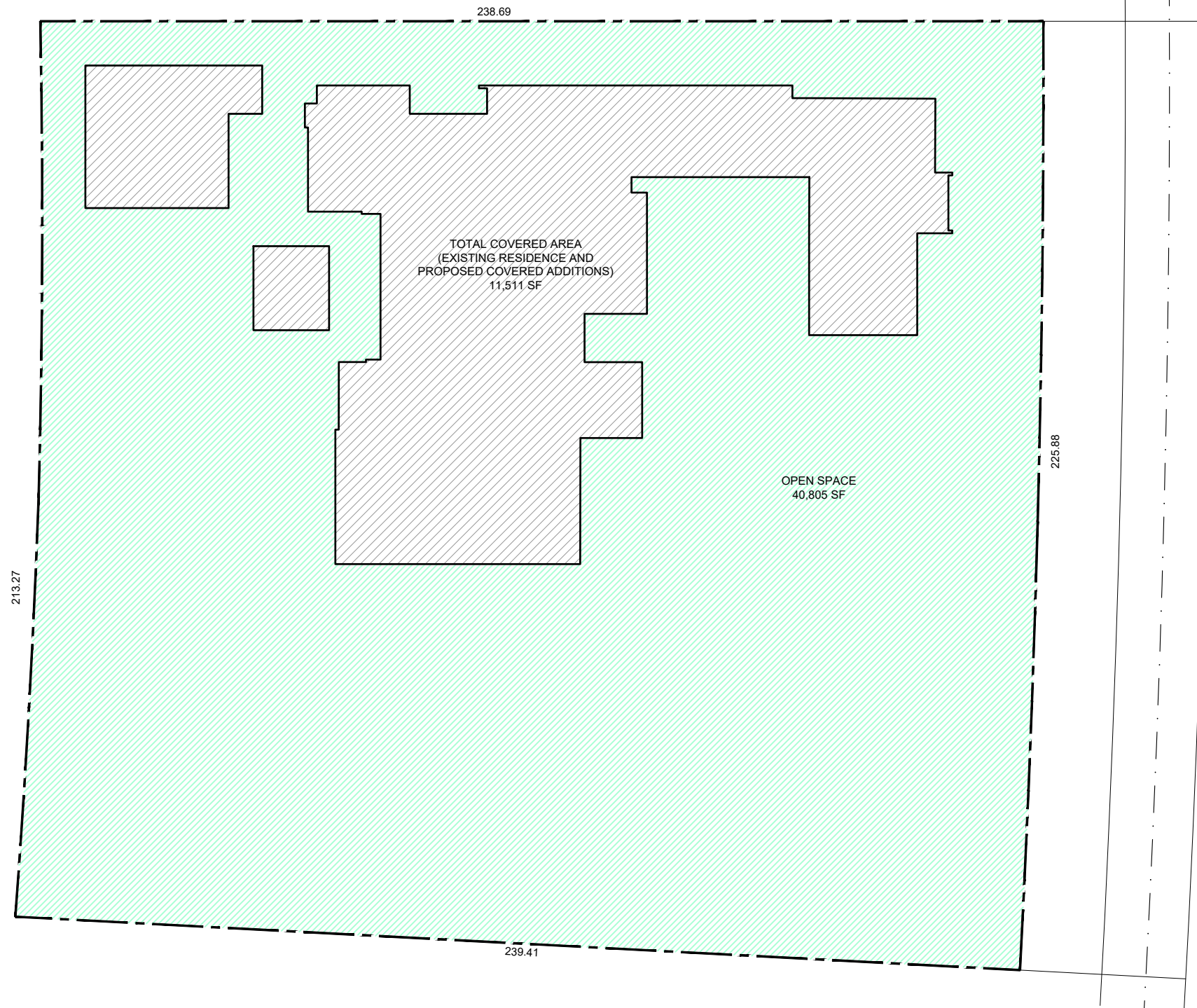
SEAL:

Proposed Front and Rear
Yard

1/32" = 1'-0"

03-16-2021





OPEN SPACE AREA:

LOT AREA: 52,316 SF
 OPEN SPACE REQUIRED: 26,158 SF (LOT AREA X 50%)
 OPEN SPACE PROVIDED: 40,805 SF (78% OF LOT)

0' 5' 10' 20'



SCALE: 1/32" = 1'-0"

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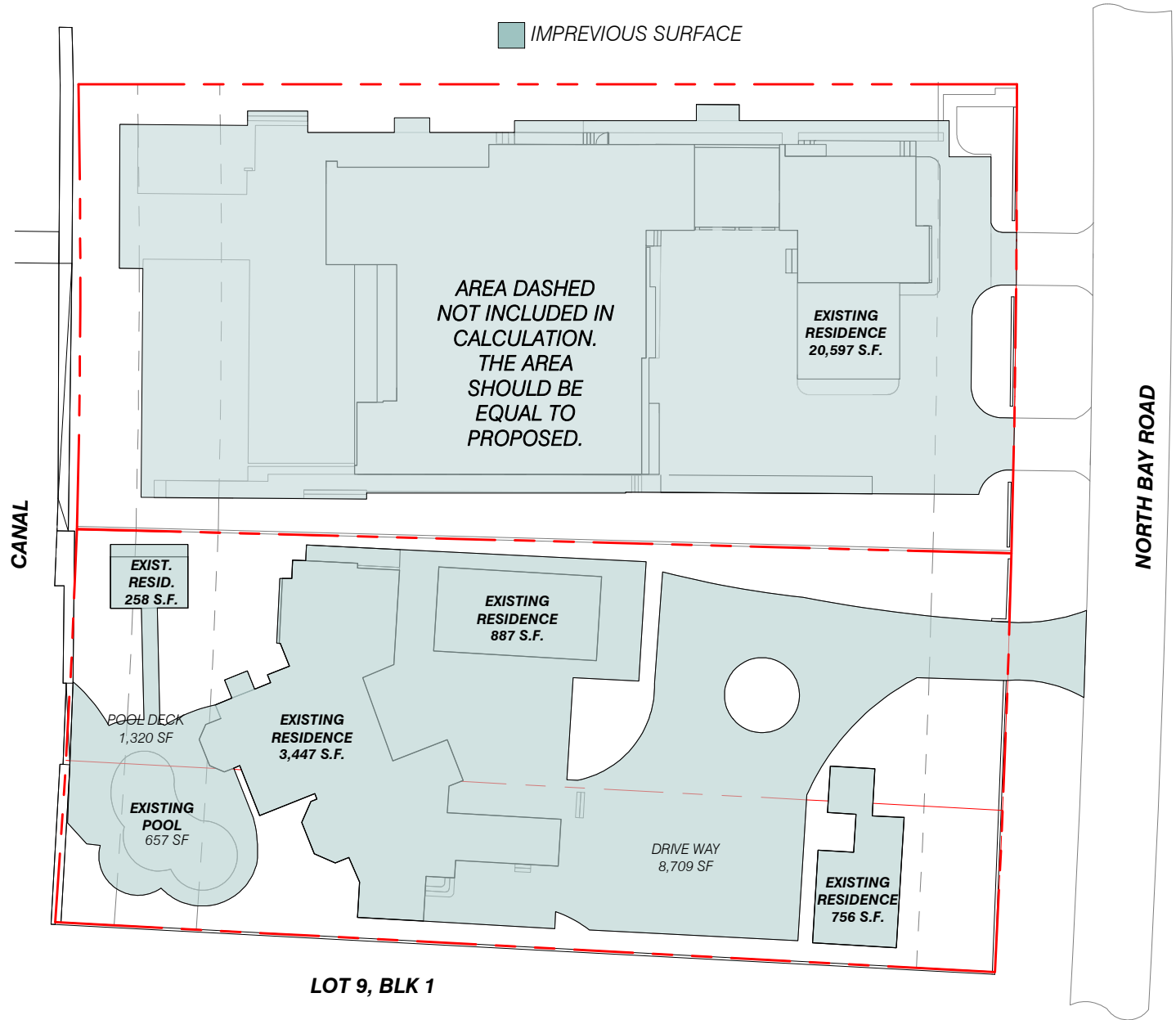
SEAL:



Required Open Space Diagram

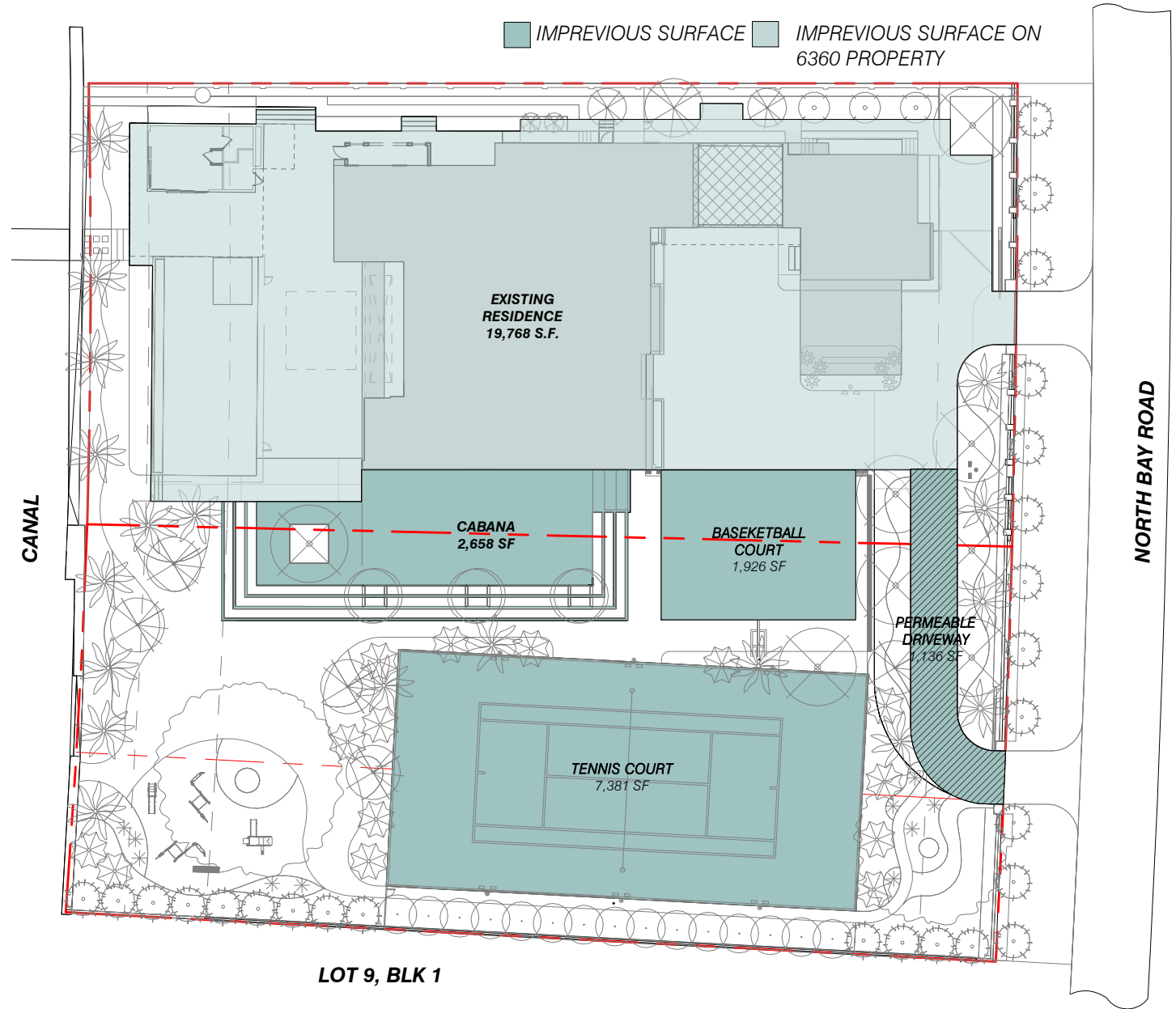
03-16-2021

L-503



EXISTING LOT COVERAGE
Scale: 1" = 40'-0"

TOTAL IMPERVIOUS SURFACE: 36,631 SF



PROPOSED LOT COVERAGE
Scale: 1" = 40'-0"

TOTAL IMPERVIOUS SURFACE : 32,869 SF
PROPOSED OPTION PROVIDES 3,762 SF OF PERMEABLE SURFACE

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SEAL:




Impervious Diagram

1" = 40'-0"

03-16-2021



 PERMEABLE AREAS

 GREEN ROOFS (NOT INCLUDED IN PERMEABLE %)

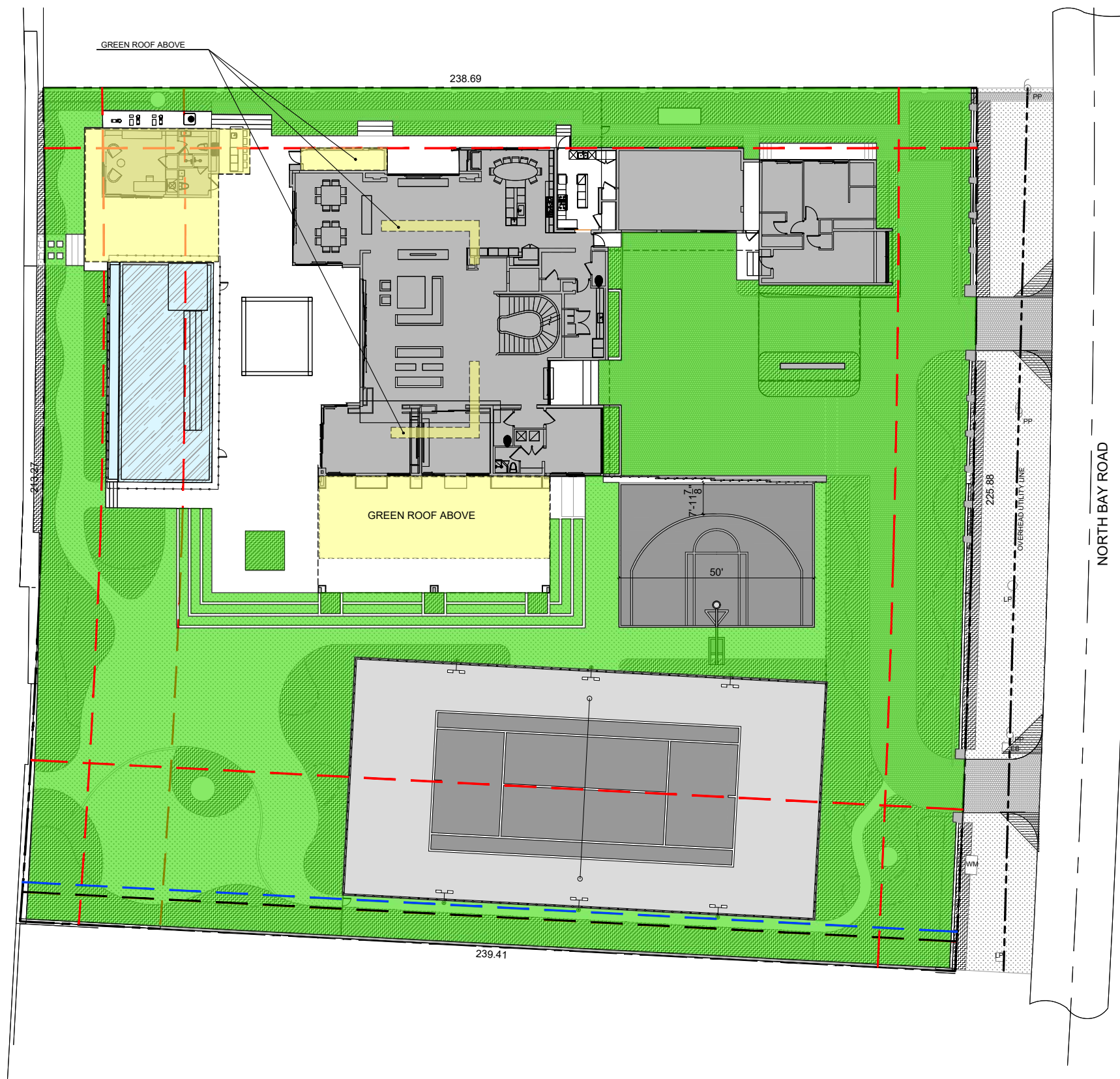
LOT AREA: 52,316 SF

PERMEABLE AREA: 25,499 SF

49% PERMEABLE

NOTE:

- AREAS ACCOUNTED FOR AS PERMEABLE INCLUDE PLANTING BEDS, LAWN AREAS, SYNTHETIC TURF AREAS AND PERMEABLE DRIVEWAY PAVERS. GREEN ROOFS ARE NOT INCLUDED IN THIS CALCULATION.



0' 5' 10' 20'



SCALE: 1/32" = 1'-0"

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SEAL:



Permeable Areas Diagram

03-16-2021

L-203



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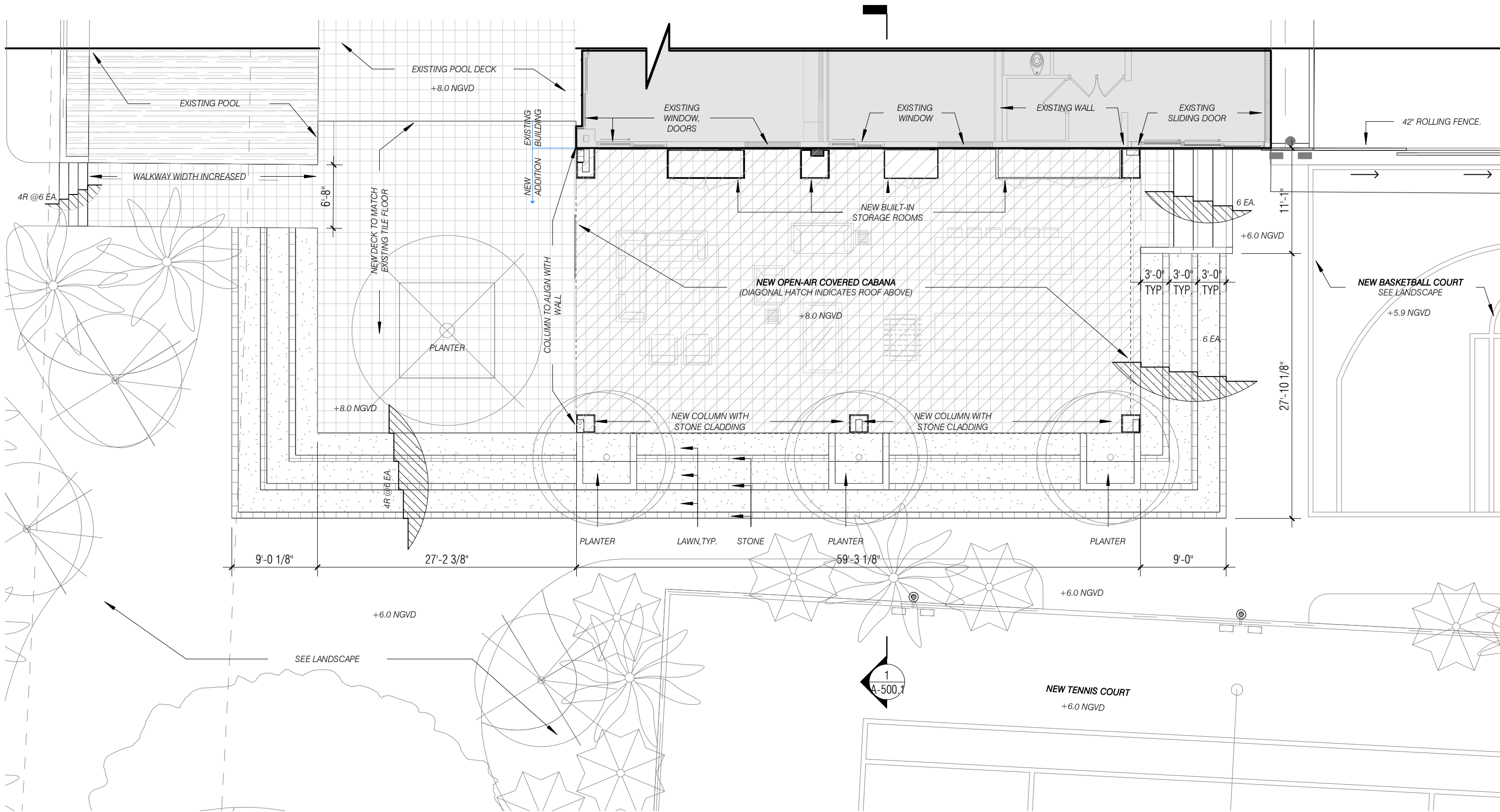
SEAL:



Storage Diagram

03-16-2021

_A-201.2



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&

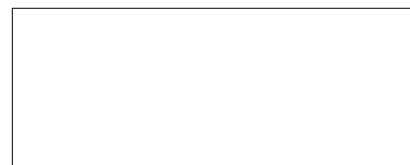
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SEAL:



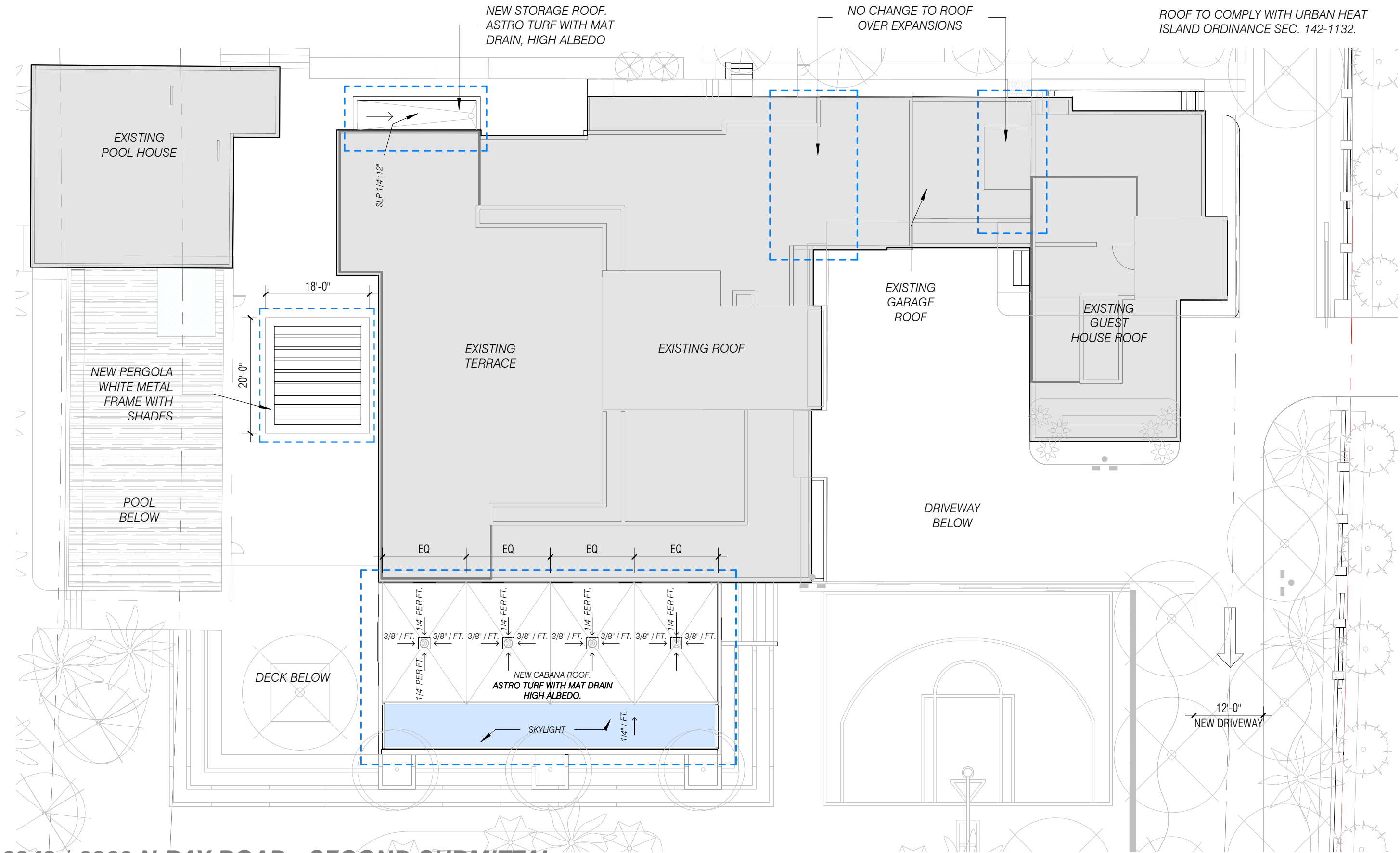
Enlarge Ground Floor Plan

1" = 10'-0"

03-16-2021



_A-200



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SEAL:



Roof Plan

1/16" = 1'-0"

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SEAL:

Site Section - West to East

03-16-2021



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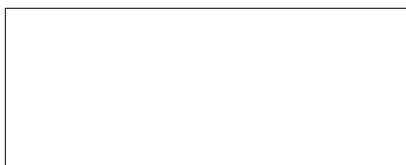
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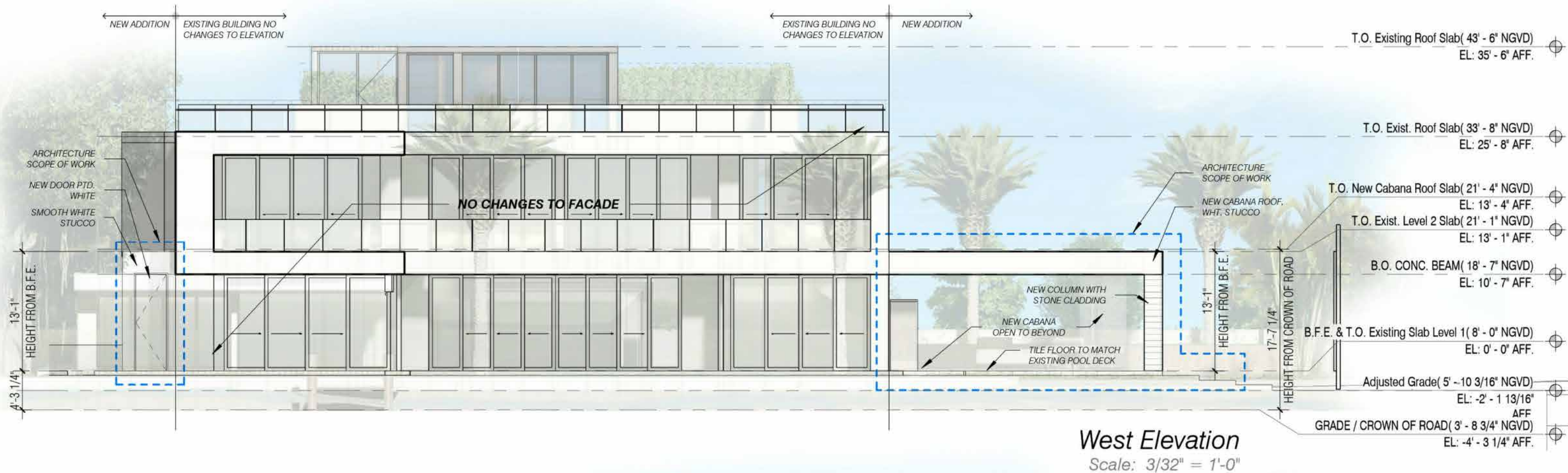
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SEAL:



Landscape Site Section

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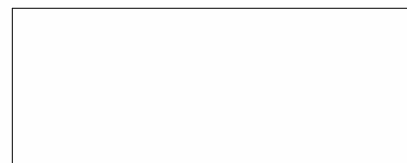
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SEAL:



Elevations

03-16-2021



Gardco PureForm LED area large P34 features a sleek, low profile design and optimal performance. PureForm area large is designed to achieve maximum pole spacing, with lumen output up to 50,000 lumens. Multiple distribution and shielding options are available to achieve maximum control. A full range of control options provides additional energy savings.

Project: _____
Location: _____
Cat. No: _____
Type: _____
Lumens: _____ Qty: _____
Notes: _____

Ordering guide

example: P34-96L-800-NW-G2-AR-5-120-F1-MGY

| Prefix | Number of LEDs | Drive Current | LED Color - Generation | Mounting | Distribution | Voltage |
|--|----------------------------------|---|--|---|--|--|
| P34 | | | | | | |
| P34 PureForm site and area, 34" | 96L 96 LEDs (5 modules) | 600 600 mA ¹⁶ | WW-G2 Warm White 3000K, 70 CRI Generation 2 | AR Arm Mount (standard) ¹ | Type 2 2 Type 2 2-90 Rotated left 90° 2-270 Rotated right 270° | 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVU 347-480V (50/60Hz) |
| | | 800 800 mA | | | | |
| | | 900 900 mA | | | | |
| | | 1050 1050 mA | | | | |
| | 128L 128 LEDs (8 modules) | 600 600 mA ¹⁶ 900 900 mA 1050 1050 mA | NW-G2 Neutral White 4000K, 70 CRI Generation 2 | <i>The following mounting kits must be ordered separately (See accessories)</i> | Type 3 3 Type 3 3-90 Rotated left 90° 3-270 Rotated right 270° | AFR-90 Auto Front Row, rotated left 90° AFR-270 Auto Front Row, rotated right 270° BLC Back Light Control BLC-90 Back Light Control rotated at 90° BLC-270 Back Light Control rotated at 270° |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | CW-G2 Cool White 5000K, 70 CRI Generation 2 | SF Slip Fitter Mount ³ (fits to 2 1/4" O.D. tenon) | Type 4 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270° | WS Wall mount with surface conduit rear entry permitted RAM Retrofit arm mount kit ² |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | WY-G2 Warm Yellow 2700K, 80 CRI Generation 2 ¹ | WS Wall mount with surface conduit rear entry permitted | Type 4 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270° | WS Wall mount with surface conduit rear entry permitted |
| | | | | | | |
| | | | BW-G2 Balanced White 3500K (80 CRI) Generation 2 ¹ | WS Wall mount with surface conduit rear entry permitted | Type 4 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270° | WS Wall mount with surface conduit rear entry permitted |
| | | | | | | |
| | | | AM-G2 Direct Amber (590nm) Generation 2 ^{1,16} | WS Wall mount with surface conduit rear entry permitted | Type 4 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270° | WS Wall mount with surface conduit rear entry permitted |
| | | | | | | |

| Options | | | | | |
|--|--|---|--|---|--|
| Dimming controls | Motion sensing lens | Photo-sensing | Electrical | Luminaire | Finish |
| DD 0-10V External dimming (by others) ^{4,5} DCC Dual Circuit Control ^{4,5,19} FAWS Field Adjustable Wattage Selector ^{4,5} SW Interface module for SiteWise ^{4,17} LLC Integral wireless module ^{4,5,8,20} BL Bi-level functionality ^{4,10} DynaDimmer: Automatic Profile Dimming CS50 Security 50% Dimming, 7 hours ^{4,8,21} CM50 Median 50% Dimming, 8 hours ^{4,8,21} CS30 Security 30% Dimming, 7 hours ^{4,8,21} CM30 Median 30% Dimming, 8 hours ^{4,8,21} | IMRI3 Integral with #3 lens ¹⁷ IMRI7 Integral with #7 lens ¹⁸ | PCB Photocontrol Button ^{8,9} TLRD5 Twist Lock Receptacle 5 Pin ¹⁰ TLRD7 Twist Lock Receptacle 7 Pin ¹⁰ TLRPC Twist Lock Receptacle w/PhotoCell ¹⁰ | Fusing F1 Single (120, 277, 347VAC) ⁹ F2 Double (208, 240, 480VAC) ⁹ F3 Canadian Double Pull (208, 240, 480VAC) ⁹ Pole Mount Fusing FP1 Single (120, 277, 347VAC) ⁹ FP2 Double (208, 240, 480VAC) ⁹ FP3 Canadian Double Pull (208, 240, 480VAC) ⁹ Surge Protection (10kA standard) SP2 Increased 20kA | Square Pole Adapter Included as standard TB Terminal Block ¹¹ RPA Round Pole Adapter (fits to 3"-3.9" O.D. pole) ¹¹ HIS Internal Housing Side Shield ¹⁴ | Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: RAL7024) CC Custom color (Must supply color chip for required factory quote) |

- Extended lead times apply. Contact factory for details.
- Mounts to a 4-5" round pole with adapter included for square poles.
- Limited to a maximum of 45 degrees aiming above horizontal.
- Not available with other dimming control options.
- Not available with motion sensor.
- Not available with photocontrol.
- Available only in 120 or 277V.
- Not available in 347 or 480V.
- Must specify input voltage.
- Dimming will not be connected to NEMA receptacle if ordering with other control options.
- Not available in 480V. Order photocell separately with TLRD5/7.
- TB not available with DCC.
- Not available with SF and WS. RPAs provided with black finish standard.
- HIS not available with Type 5, SW, and BLC optics.
- Not available with 96L (6 modules).
- Amber LEDs (AM) available only in 600mA.
- Not available with DD, DCC, and FAWS dimming control options.
- Not available with DD, DCC, FAWS and LLC dimming control options.
- Not available with DD, DCC, FAWS, LLC, and BL dimming control options (SW or DynaDimmer required).
- Must specify a motion sensor lens.
- Not available with 128L 1050mA.

P34 PureForm LED large Area light

PureForm P34 Accessories: (ordered separately, field installed)

| Controls Accessories | Shielding Accessories | Mounting Accessories |
|--|--|---|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| BL Optional Remote Programming Tool FSIR-100 | House Side shield <i>Standard optic orientation:</i> HIS-96-V ²² Internal House Side Shield for 96 LEDs (6 modules) HIS-128-V ²² Internal House Side Shield for 128 LEDs (8 modules) <i>Optic at 90° or 270° orientation:</i> HIS-96-H ²² Internal House Side Shield for 96 LEDs (6 modules) HIS-128-H ²² Internal House Side Shield for 128 LEDs (8 modules) | PureForm PTF2 (pole top fitter fits 2 3/8-2 1/2" OD x 4" depth tenon) PTF2-P26/34-1-90-(F) 1 luminaire at 90° PTF2-P26/34-2-90-(F) 2 luminaires at 90° PTF2-P26/34-2-180-(F) 2 luminaires at 180° PTF2-P26/34-3-90-(F) 3 luminaires at 90° PTF2-P26/34-4-90-(F) 4 luminaires at 90° PTF2-P26/34-3-120-(F) 3 luminaires at 120° PureForm PTF3 (pole top fitter fits 3-3 1/2" OD x 6" depth tenon) PTF3-P26/34-1-90-(F) 1 luminaire at 90° PTF3-P26/34-2-90-(F) 2 luminaires at 90° PTF3-P26/34-2-180-(F) 2 luminaires at 180° PTF3-P26/34-3-90-(F) 3 luminaires at 90° PTF3-P26/34-4-90-(F) 4 luminaires at 90° PTF3-P26/34-3-120-(F) 3 luminaires at 120° PureForm PTF4 (pole top fitter fits 3 1/2-4" OD x 6" depth tenon) PTF4-P26/34-1-90-(F) 1 luminaire at 90° PTF4-P26/34-2-90-(F) 2 luminaires at 90° PTF4-P26/34-2-180-(F) 2 luminaires at 180° PTF4-P26/34-3-90-(F) 3 luminaires at 90° PTF4-P26/34-4-90-(F) 4 luminaires at 90° PTF4-P26/34-3-120-(F) 3 luminaires at 120° P34-SF-G2-(F) Slip Fitter Mount (fits to 2 3/8" O.D. tenon) P34-RAM-G2-(F) Retrofit Arm mount kit P34-WS-G2-(F) Wall mount with surface conduit rear entry permitted P34-BD-G2 Bird deterrent (F) = Specify finish |

22: HIS not available with Type 5, SW, and BLC optics



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

INFORMATION PROVIDED BY : SESCO LIGHTING

SEAL:



Lighting

03-16-2021



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P34 PureForm LED large
Area light

LED Wattage and Lumen Values - 3000K

| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 2 | | | Type 3 | | | Type 4 | | | | | |
|-----------------------|------------|------------------|-------------|----------------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | | | |
| P34-96L-800-WW-G2-x | 96 | 800 | 3000 | 232 | 26591 | B3-U0-G3 | 115 | 26039 | B3-U0-G4 | 112 | 26627 | B3-U0-G4 | 115 | | | |
| P34-96L-900-WW-G2-x | 96 | 900 | 3000 | 263 | 29373 | B4-U0-G3 | 112 | 28763 | B3-U0-G4 | 110 | 29412 | B3-U0-G4 | 112 | | | |
| P34-96L-1050-WW-G2-x | 96 | 1050 | 3000 | 310 | 32791 | B4-U0-G4 | 106 | 32110 | B3-U0-G5 | 104 | 32835 | B3-U0-G5 | 106 | | | |
| P34-128L-900-WW-G2-x | 128 | 900 | 3000 | 350 | 38325 | B4-U0-G4 | 110 | 37530 | B3-U0-G5 | 107 | 38377 | B3-U0-G5 | 110 | | | |
| P34-128L-1050-WW-G2-x | 128 | 1050 | 3000 | 414 | 43056 | B4-U0-G4 | 104 | 42162 | B4-U0-G5 | 102 | 43114 | B3-U0-G5 | 104 | | | |
| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 5 | | | Type 5W | | | Type AFR | | | Type BLC | | |
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) |
| P34-96L-800-WW-G2-x | 96 | 800 | 3000 | 232 | 27785 | B5-U0-G3 | 120 | 27119 | B5-U0-G4 | 117 | 27643 | B4-U0-G3 | 119 | 20034 | B1-U0-G4 | 86 |
| P34-96L-900-WW-G2-x | 96 | 900 | 3000 | 263 | 30692 | B5-U0-G4 | 117 | 29956 | B5-U0-G4 | 114 | 30535 | B4-U0-G3 | 116 | 22130 | B1-U0-G4 | 84 |
| P34-96L-1050-WW-G2-x | 96 | 1050 | 3000 | 310 | 34264 | B5-U0-G4 | 111 | 33442 | B5-U0-G4 | 108 | 34089 | B4-U0-G3 | 110 | 24706 | B1-U0-G4 | 80 |
| P34-128L-900-WW-G2-x | 128 | 900 | 3000 | 350 | 40047 | B5-U0-G4 | 115 | 39087 | B5-U0-G4 | 112 | 39842 | B4-U0-G4 | 114 | 28976 | B1-U0-G4 | 83 |
| P34-128L-1050-WW-G2-x | 128 | 1050 | 3000 | 414 | 44990 | B5-U0-G4 | 109 | 43911 | B5-U0-G5 | 105 | 44760 | B4-U0-G4 | 108 | 32440 | B1-U0-G5 | 78 |

LED Wattage and Lumen Values - 4000K

| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 2 | | | Type 3 | | | Type 4 | | |
|-----------------------|------------|------------------|-------------|----------------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) |
| P34-96L-800-NW-G2-x | 96 | 800 | 4000 | 232 | 29545 | B4-U0-G3 | 128 | 28932 | B3-U0-G4 | 125 | 29585 | B3-U0-G4 | 128 |
| P34-96L-900-NW-G2-x | 96 | 900 | 4000 | 263 | 32636 | B4-U0-G4 | 124 | 31959 | B3-U0-G4 | 122 | 32680 | B3-U0-G5 | 124 |
| P34-96L-1050-NW-G2-x | 96 | 1050 | 4000 | 310 | 36434 | B4-U0-G4 | 118 | 35678 | B3-U0-G5 | 115 | 36483 | B3-U0-G5 | 118 |
| P34-128L-900-NW-G2-x | 128 | 900 | 4000 | 350 | 42584 | B4-U0-G4 | 122 | 41700 | B4-U0-G5 | 119 | 42641 | B3-U0-G5 | 122 |
| P34-128L-1050-NW-G2-x | 128 | 1050 | 4000 | 414 | 47840 | B4-U0-G4 | 115 | 46847 | B4-U0-G5 | 113 | 47904 | B4-U0-G5 | 116 |

| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 5 | | | Type 5W | | | Type AFR | | | Type BLC | | |
|-----------------------|------------|------------------|-------------|----------------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) |
| P34-96L-800-NW-G2-x | 96 | 800 | 4000 | 232 | 30872 | B5-U0-G4 | 133 | 30131 | B5-U0-G4 | 130 | 30715 | B4-U0-G3 | 133 | 22261 | B1-U0-G4 | 96 |
| P34-96L-900-NW-G2-x | 96 | 900 | 4000 | 263 | 34102 | B5-U0-G4 | 130 | 33284 | B5-U0-G4 | 127 | 33928 | B4-U0-G3 | 129 | 24589 | B1-U0-G4 | 94 |
| P34-96L-1050-NW-G2-x | 96 | 1050 | 4000 | 310 | 38071 | B5-U0-G4 | 123 | 37157 | B5-U0-G4 | 120 | 37877 | B4-U0-G3 | 122 | 27451 | B1-U0-G4 | 89 |
| P34-128L-900-NW-G2-x | 128 | 900 | 4000 | 350 | 44497 | B5-U0-G4 | 127 | 43429 | B5-U0-G5 | 124 | 44269 | B4-U0-G4 | 127 | 32084 | B1-U0-G5 | 92 |
| P34-128L-1050-NW-G2-x | 128 | 1050 | 4000 | 414 | 49389 | B5-U0-G5 | 121 | 48789 | B5-U0-G5 | 118 | 49733 | B4-U0-G4 | 120 | 36044 | B1-U0-G5 | 87 |

LED Wattage and Lumen Values - 5000K

| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 2 | | | Type 3 | | | Type 4 | | | | | |
|-----------------------|------------|------------------|-------------|----------------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | | | |
| P34-96L-800-CW-G2-x | 96 | 800 | 5000 | 232 | 28659 | B4-U0-G3 | 124 | 28064 | B3-U0-G4 | 121 | 28697 | B3-U0-G4 | 124 | | | |
| P34-96L-900-CW-G2-x | 96 | 900 | 5000 | 263 | 31657 | B4-U0-G3 | 121 | 31000 | B3-U0-G4 | 118 | 31700 | B3-U0-G5 | 121 | | | |
| P34-96L-1050-CW-G2-x | 96 | 1050 | 5000 | 310 | 35341 | B4-U0-G4 | 114 | 34608 | B3-U0-G5 | 112 | 35389 | B3-U0-G5 | 114 | | | |
| P34-128L-900-CW-G2-x | 128 | 900 | 5000 | 350 | 41306 | B4-U0-G4 | 118 | 40449 | B3-U0-G5 | 116 | 41362 | B3-U0-G5 | 118 | | | |
| P34-128L-1050-CW-G2-x | 128 | 1050 | 5000 | 414 | 46405 | B4-U0-G4 | 112 | 45441 | B4-U0-G5 | 110 | 46467 | B4-U0-G5 | 112 | | | |
| Ordering Code | Total LEDs | LED Current (mA) | Color Temp. | Average System Watts | Type 5 | | | Type 5W | | | Type AFR | | | Type BLC | | |
| | | | | | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) | Lumen Output | BUG Rating | Efficacy (LPW) |
| P34-96L-800-CW-G2-x | 96 | 800 | 5000 | 232 | 29946 | B5-U0-G4 | 129 | 29226 | B5-U0-G4 | 126 | 29793 | B4-U0-G3 | 129 | 21593 | B1-U0-G4 | 93 |
| P34-96L-900-CW-G2-x | 96 | 900 | 5000 | 263 | 33079 | B5-U0-G4 | 126 | 32286 | B5-U0-G4 | 123 | 32910 | B4-U0-G3 | 125 | 23852 | B1-U0-G4 | 91 |
| P34-96L-1050-CW-G2-x | 96 | 1050 | 5000 | 310 | 36929 | B5-U0-G4 | 119 | 36043 | B5-U0-G4 | 116 | 36740 | B4-U0-G3 | 118 | 26628 | B1-U0-G4 | 86 |
| P34-128L-900-CW-G2-x | 128 | 900 | 5000 | 350 | 43161 | B5-U0-G4 | 123 | 42127 | B5-U0-G5 | 120 | 42941 | B4-U0-G4 | 123 | 31122 | B1-U0-G5 | 89 |
| P34-128L-1050-CW-G2-x | 128 | 1050 | 5000 | 414 | 48489 | B5-U0-G5 | 117 | 47327 | B5-U0-G5 | 114 | 48241 | B4-U0-G4 | 116 | 34963 | B1-U0-G5 | 84 |

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

Predicted Lumen Depreciation Data

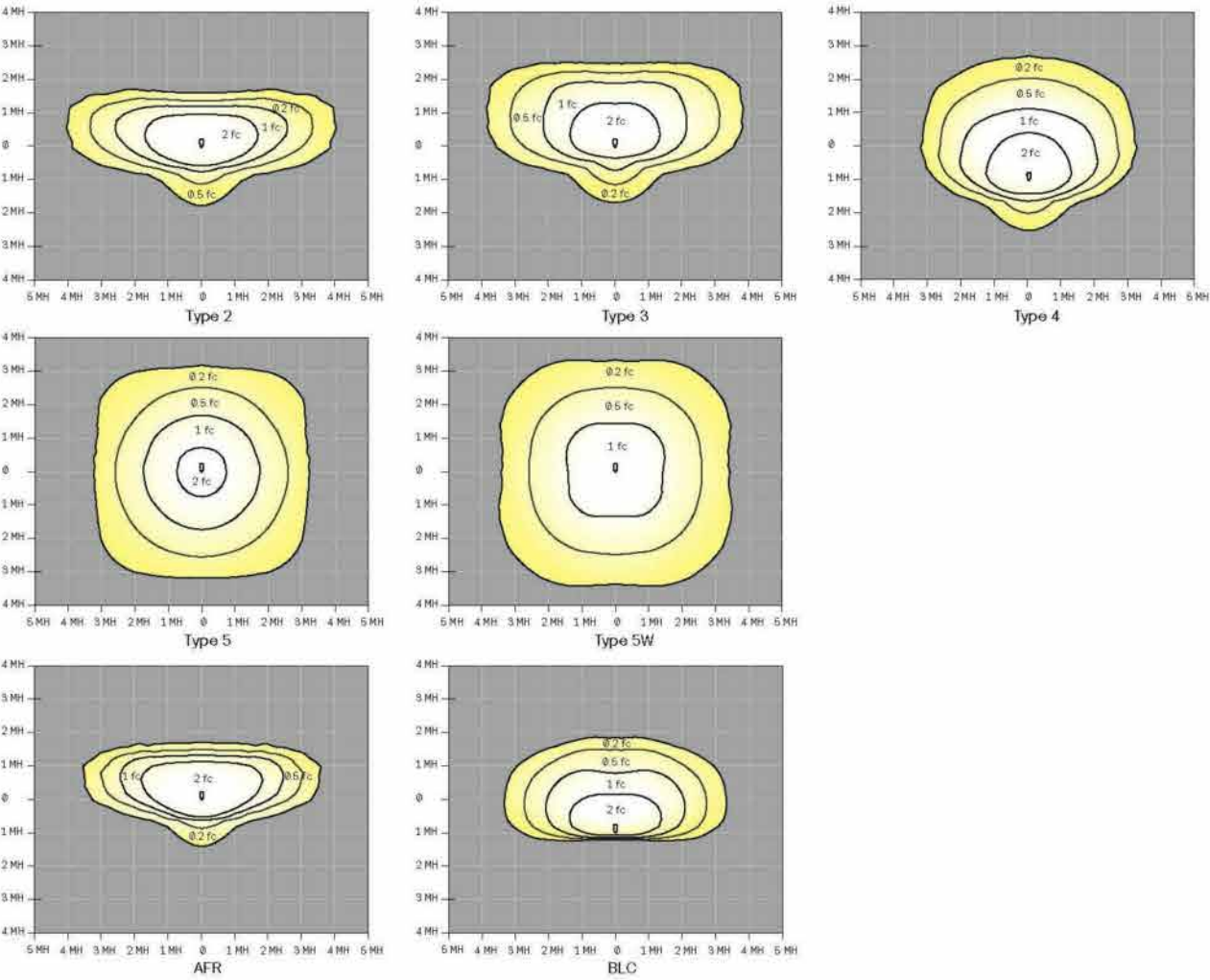
Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

| Ambient Temperature °C | Driver mA | Calculated L70 Hours | L70 per TM-21 | Lumen Maintenance % at 60,000 hrs |
|------------------------|---------------|----------------------|---------------|-----------------------------------|
| 25°C | up to 1050 mA | >100,000 hours | >54,000 hours | >89% |

P34 PureForm LED large
Area light

Optical Distributions

Based on configuration P34-128L-1050-NW-G2 (414W) mounted at 40ft.



SEAL:

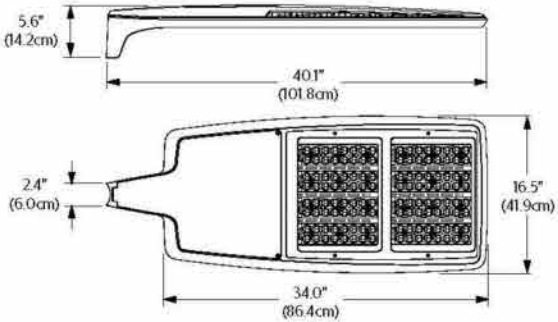
Lighting
03-16-2021
_A-902

P34 PureForm LED large
Area light

Dimensions

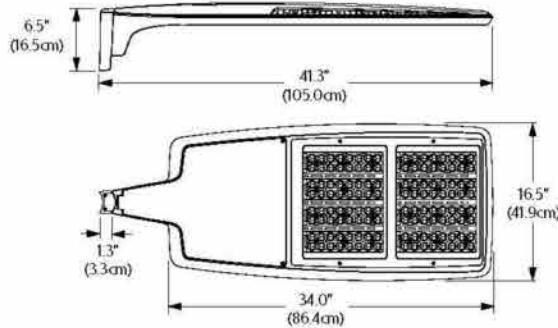
Standard Arm (AR)

Weight: 35 Lbs (15.8 Kg) EPA: 0.30ft² (.028m²)

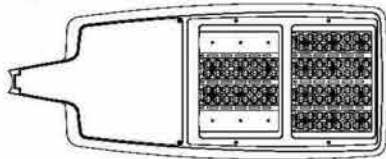


Retrofit Arm (RAM)

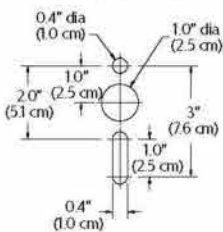
Weight: 39 Lbs (17.7 Kg) EPA: 0.33ft² (.031m²)



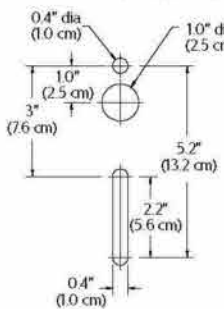
6 module configuration



Standard Arm (AR) drill pattern

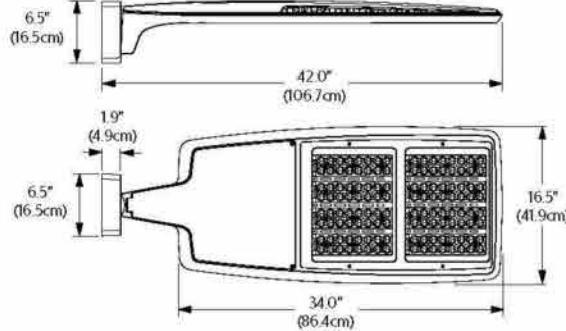


Retrofit arm (RAM) drill pattern



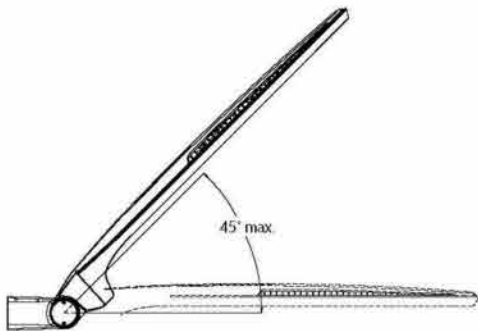
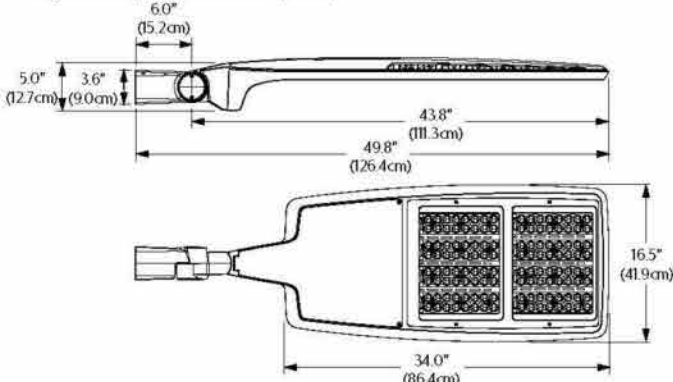
Wall (WS)

Weight: 37 Lbs (16.8Kg) EPA: 0.35ft² (.033m²)



Slip fitter (SF)

Weight: 40 Lbs (18.1 Kg) EPA: 0.43ft² (.040m²)



P34 PureForm LED large
Area light

Specifications

Housing

Two-piece sealed enclosure with main part of the housing designed as the structural and heat sink frame enclosed by cover to give its unique form. It also includes heat sinks, integral arm and separate, self-retained hinged, one-piece die cast door frame. All die-cast parts made of low copper die cast aluminum alloy for a high resistance to corrosion. The sleek profile with optimized surface area allows housing to provide excellent convection heat transfer with minimum use of heat fins, giving the freedom to have a clean minimalist aesthetic design. Luminaire housing rated to IP65, tested in accordance to Section 9 of IEC 60598-1.

Vibration resistance

Luminaire is tested and rated 1.5G over 100,000 cycles conforming to standards set forth by ANSI C136.31-2010. Testing includes vibration to 1.5G acceleration in three axes, all performed on the same luminaire.

Light engine

Light engine comprises of a module of 16-LED aluminum metal clad board fully sealed with optics offered in multiples of 6 and 8 modules or 96 and 128 LEDs. Module is RoHS compliant. Color temperatures: 3000K +/- 125K, 4000K, 5000K +/- 200K. Minimum CRI of 70. Also available in 2700K, 3500K, and Direct Amber with extended lead times. Direct Amber LED is narrow spectrum with dominant wavelength at 596 nm (peak wavelength at 601 nm). Contact factory for details. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 129 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.

Optical systems

Type 2, 3, 4, 5, SW, and AFR distributions available. Internal Shield option mounts to LED optics and is available with Type 2, 3, 4, and AFR distributions including a dedicated BLC optic to provide the best backlight control possible for those stringent requirements around property lines. Types 2, 3, 4, AFR, and BLC when specified and used as rotated, are factory set only. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Luminaire designed with 0% uplight. (U0 per IESNA TM-15).

Mounting

Standard luminaire arm mounts to 4" O.D. round poles. Can also be used with 5" O.D. poles. Square pole adapter included with every luminaire. Round Pole Adapter (RPA) required for 3-3.9" poles. PureForm features a retrofit arm kit. When specified with the retrofit arm (RAM) option, PureForm seamlessly simplifies site conversions to LED by eliminating the need for additional pole drilling on most existing poles. RAM will be boxed separately. Also optional are slipfitter and wall mounting accessories. Note that only fixed mounts (AR, RAM, WS) are required to meet IDA compliance. SF mounting will not meet IDA.

Control options

0-10V dimming (DD): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.

Dual Circuit Control (DCC): Luminaire equipped with the ability to have two separate circuits controlling drivers and light engines independently. Permits separate switching of separate modules controlled by use of two sets of leads, one for each circuit. Not recommended to be used with other control options, motion response, or photocells.

SiteWise (SW): SiteWise system includes a controller fully integrated in the luminaire that enables the luminaires to communicate with a dimming signal transmitter cabinet located on site using patented central dimming technology. A locally accessible mobile app allows users to access the system and set functionalities such as ON/OFF, dimming levels and scheduling. SiteWise is available with motion response options in order to bring the light back to 100% when motion is detected. Cannot be used with other control options or photocell options. Additional functionalities are available such as communication with indoor lighting and connection to BMS systems. Complete information on the control system can be found on the SiteWise website at philips.com/sitewise.

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position at the lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

| FAWS Position | Percent of Typical Lumen Output |
|---------------|---------------------------------|
| 1 | 25% |
| 2 | 50% |
| 3 | 65% |
| 4 | 65% |
| 5 | 75% |
| 6 | 80% |
| 7 | 85% |
| 8 | 90% |
| 9 | 95% |
| 10 | 100% |

Note: Typical value accuracy +/- 5%

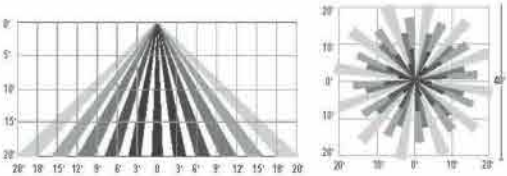
Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response it overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:

- CS50/CS30: Security for 7 hours night duration (Ex., 11 PM - 6 AM)
- CM50/CM30: Median for 8 hours night duration (Ex., 10 PM - 6 AM)

All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration of dimming. Cannot be used with other dimming control options.

Wireless system (LLC): Optional wireless controller integral to luminaire ready to be connected to a Limelight system (sold by others). The system allows you to wirelessly manage the entire site, independent lighting groups or individual luminaires while on-site or remotely. Based on a high-density mesh network with an easy to use web-based portal, you can conveniently access, monitor and manage your lighting network remotely. Wireless controls can be combined with site and area, pedestrian, and parking garage luminaires as well, for a completely connected outdoor solution. Equipped with motion response with #3 lens (LLC-IMRI3) for 8-25' mounting heights.

LLC-IMRI3 Luminaire with #3 lens



Motion response options

Bi-Level Infrared Motion Response (BL-IMRI): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL-IMRI is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required. This can also be done with FSIR-100 Wireless Remote Programming Tool (contact Technical Support for details).



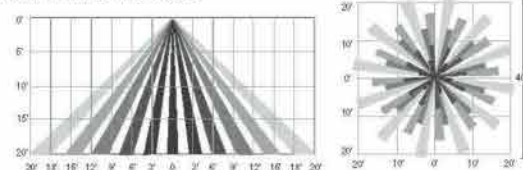
P34 PureForm LED large Area light

Specifications (cont'd)

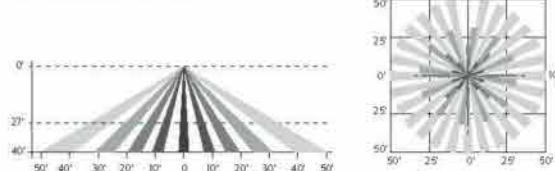
Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile and SiteWise), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the motion response device cannot be re-programmed with FSIR-100 Wireless Remote Programming Tool. The profile can only be re-programmed via the controller.

Infrared Motion Response Lenses (IMR13/IMR17): Infrared Motion Response Integral module is available with two different sensor lens types to accommodate various mounting heights and occupancy detection ranges. Lens #3 (IMR13) is designed for mounting heights up to 20' with a 40' diameter coverage area. Lens #7 is designed for higher mounting heights up to 40' with larger coverage areas up to 100' diameter coverage area. See charts for approximate detection patterns:

IMR13 Luminaire with #3 lens



IMR17 Luminaire with #7 lens



Electrical

Twist-Lock Receptacle (TLRD5/TLRD7/TLRPC): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming Receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering Twist-lock receptacle (TLRD5 or TLRD7), photocell or shorting cap is not included. TLRPC is shipped standard with 5 pin.

Driver: Driver efficiency >90% standard. 120-480V available (restrictions apply). Open/short circuit protection. Optional 0-10V dimming to 10% power. RoHS compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA. 20kV / 10kA surge protection device that provides extra protection beyond the SP110kV/10kA level.

Listings

UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). Most PureForm P34 configurations are qualified under Premium DesignLights Consortium® category. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.

Finish

Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. The surface treatment achieves a minimum of 1000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult factory for specs on optional or custom colors.

Warranty

PureForm luminaires feature a 5-year limited warranty. See signify.com/warranties for complete details and exclusions.

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P34_PureForm_area_large_03/20_page 1 of 7

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Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road
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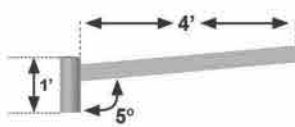
TNS100

Project Name:

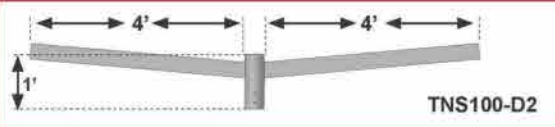
Catalog Number:

Type

TNS100-S1



TNS100-D2

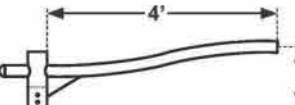


The TNS100 tennis court mounting arm is constructed of 1½" x 3½" rectangular steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The TNS100 is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

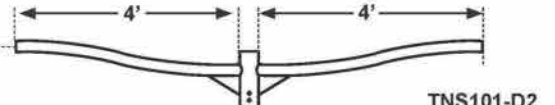
| EPA | Single | Double |
|-----|--------|--------|
| 4' | 1.2 | 2.4 |
| 5' | 1.5 | 3.0 |

| Model | Size or Length | Configuration | Pole or Tenon Size | Finish |
|---------|----------------|-----------------|--------------------|-------------------|
| TNS 100 | 4' 5' | Single (S1) | 3" dia (3) | Black (BK) |
| | | Double (D2) | 3½" dia (3½) | Tennis Green (GN) |
| | | Double 70° (D7) | 4" dia (4) | Custom Color (CC) |
| | | Double 90° (D9) | 4½" dia (4½) | |
| | | Quad 70° (Q7) | 5" dia (5) | |
| | | Quad 90° (QD) | | |

TNS101



TNS101-D2



The TNS101 architectural tennis court mounting arm is constructed of 2½" curved steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3" Ø, 3½" Ø, 4" Ø, 4½" Ø and 5" Ø. The TNS101 is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

| EPA | Single | Double |
|-----|--------|--------|
| 4' | 1.1 | 2.2 |
| 5' | 1.3 | 2.6 |

| Model | Size or Length | Configuration | Pole or Tenon Size | Finish |
|---------|----------------|-----------------|--------------------|-------------------|
| TNS 101 | 4' 5' | Single (S1) | 3" dia (3) | Black (BK) |
| | | Double (D2) | 3½" dia (3½) | Tennis Green (GN) |
| | | Double 70° (D7) | 4" dia (4) | Custom Color (CC) |
| | | Double 90° (D9) | 4½" dia (4½) | |
| | | Quad 70° (Q7) | 5" dia (5) | |
| | | Quad 90° (QD) | | |

TNS102



TNS102-D2

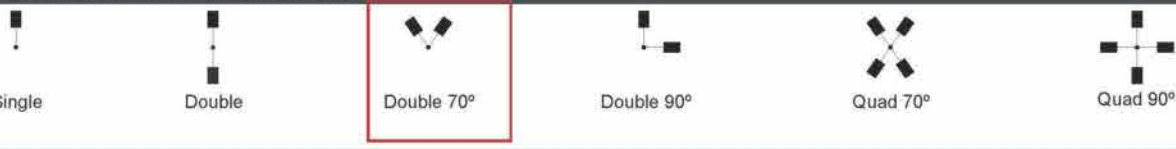


The TNS102 tennis-court-themed mounting arm is constructed of 1½" x 3½" rectangular steel tubing, and features a unique mesh tennis court net and ball design. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The TNS102 is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

| EPA | Single | Double |
|-----|--------|--------|
| 4' | 1.5 | 3.0 |
| 5' | 1.7 | 3.4 |

| Model | Size or Length | Configuration | Pole or Tenon Size | Finish |
|---------|----------------|-----------------|--------------------|-------------------|
| TNS 102 | 4' 5' | Single (S1) | 3" dia (3) | Black (BK) |
| | | Double (D2) | 3½" dia (3½) | Tennis Green (GN) |
| | | Double 70° (D7) | 4" dia (4) | Custom Color (CC) |
| | | Double 90° (D9) | 4½" dia (4½) | |
| | | Quad 70° (Q7) | 5" dia (5) | |
| | | Quad 90° (QD) | | |

Typical Tennis Mounting Configurations



19645 Rancho Way Rancho Dominguez, CA 90220
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Lighting

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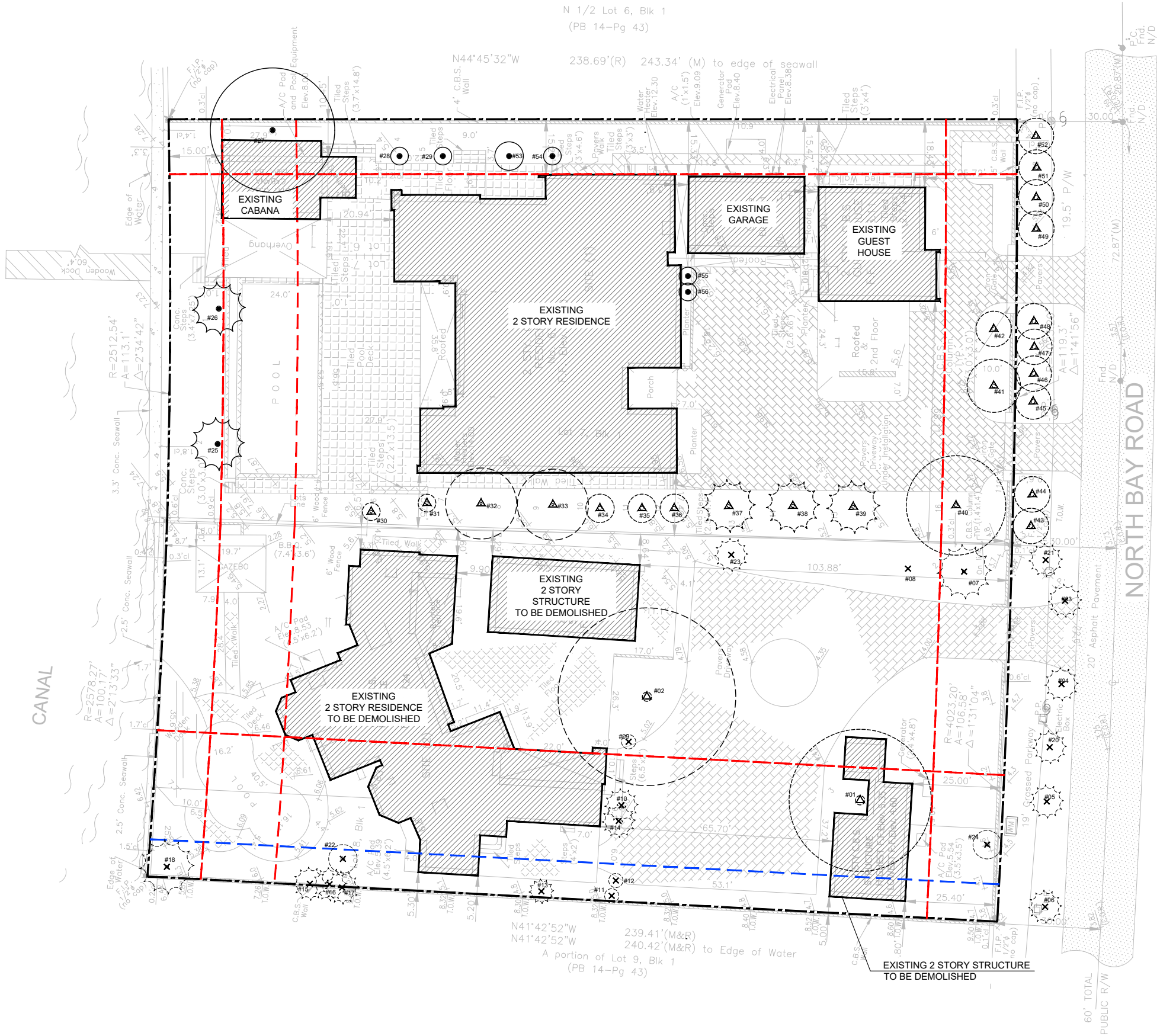
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A-904

LEGEND:

-  PALM TO BE RELOCATED
-  PALM TO REMAIN
-  PALM TO BE REMOVED
-  TREE TO REMAIN
-  TREE TO BE RELOCATED
-  TREE TO BE REMOVED



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Tree Disposition Plan

03-16-2021

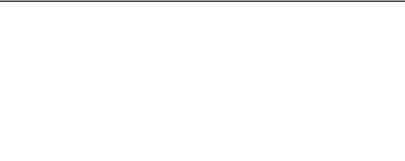
L-100

TREE DISPOSITION SCHEDULE

| SYM | SCIENTIFIC NAME | COMMON NAME | DBH (in) | HEIGHT (ft) | SPREAD (ft) | CONDITION | NATIVE | DISPOSITION |
|-----|--------------------------------|-----------------------|----------|-------------|-------------|-----------|--------|-------------|
| 1 | <i>Ficus microcarpa</i> | Chinese Banyan | 61 | 40 | 40 | GOOD | | RELOCATE |
| 2 | <i>Ficus microcarpa</i> | Chinese Banyan | 74 | 45 | 50 | GOOD | | RELOCATE |
| 3 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | GOOD | | REMOVE |
| 4 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 10 | 7 | GOOD | | REMOVE |
| 5 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | FAIR | | REMOVE |
| 6 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | FAIR | | REMOVE |
| 7 | <i>Roystonea regia</i> | Royal Palm | 20 | 40 | 16 | GOOD | NATIVE | REMOVE |
| 8 | <i>Roystonea regia</i> | Royal Palm | 19 | 25 | 0 | DEAD | NATIVE | REMOVE |
| 9 | <i>Carica papaya</i> | Papaya | 5 | 10 | 2 | POOR | | REMOVE |
| 10 | <i>Ptychosperma elegans</i> | Solitaire Palm | 4 | 30 | 7 | FAIR | | REMOVE |
| 11 | <i>Ptychosperma elegans</i> | Solitaire Palm | 3.5 | 25 | 7 | FAIR | | REMOVE |
| 12 | <i>Carica papaya</i> | Papaya | 6 | 14 | 2 | POOR | | REMOVE |
| 13 | <i>Carica papaya</i> | Papaya | 5 | 7 | 0 | POOR | | REMOVE |
| 14 | <i>Ptychosperma elegans</i> | Solitaire Palm | 4 | 30 | 7 | FAIR | | REMOVE |
| 15 | <i>Ptychosperma elegans</i> | Solitaire Palm (7) | 25 | 20 | 10 | GOOD | | REMOVE |
| 16 | <i>Caryota mitis</i> | Fishtail Palm | CLUSTER | 20 | 7 | POOR | | REMOVE |
| 17 | <i>Thrinax radiata</i> | Florida Thatch Palm | 3 | 15 | 12 | FAIR | NATIVE | REMOVE |
| 18 | <i>Dypsis lutescens</i> | Areca Palm | CLUSTER | 15 | 7 | FAIR | | REMOVE |
| 20 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 10 | FAIR | | REMOVE |
| 21 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 6 | 14 | 8 | GOOD | | REMOVE |
| 22 | <i>Koelreuteria paniculata</i> | Golden Rain Tree | 4 | 30 | 7 | FAIR | | REMOVE |
| 23 | <i>Ptychosperma elegans</i> | Solitaire Palm (2) | 7 | 15 | 8 | FAIR | | REMOVE |
| 24 | <i>Carica papaya</i> | Papaya | 8 | 15 | 8 | GOOD | | REMOVE |
| 25 | <i>Phoenix Dactylifera</i> | Date Palm | 15 | 30 | 15 | GOOD | | REMAIN |
| 26 | <i>Phoenix Dactylifera</i> | Date Palm | 16 | 30 | 15 | GOOD | | REMAIN |
| 27 | <i>Ficus aurea</i> | Florida Strangler Fig | 48 | 30 | 35 | FAIR | NATIVE | REMAIN |
| 28 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 12 | 5 | GOOD | | REMAIN |
| 29 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 12 | 5 | GOOD | | REMAIN |
| 30 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 8 | 5 | GOOD | | RELOCATE |
| 31 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 8 | 5 | GOOD | | RELOCATE |
| 32 | <i>Quercus virginiana</i> | Live Oak | 9.5 | 18 | 20 | FAIR | NATIVE | RELOCATE |
| 33 | <i>Quercus virginiana</i> | Live Oak | 10.5 | 20 | 20 | GOOD | NATIVE | RELOCATE |
| 34 | <i>Magnolia grandiflora</i> | Southern Magnolia | 4 | 16 | 8 | GOOD | NATIVE | RELOCATE |
| 35 | <i>Magnolia grandiflora</i> | Southern Magnolia | 4 | 15 | 8 | GOOD | NATIVE | RELOCATE |
| 36 | <i>Magnolia grandiflora</i> | Southern Magnolia | 4 | 15 | 8 | GOOD | NATIVE | RELOCATE |
| 37 | <i>Phoenix Dactylifera</i> | Date Palm | 14.5 | 30 | 15 | GOOD | | RELOCATE |
| 38 | <i>Phoenix Dactylifera</i> | Date Palm | 15 | 30 | 15 | GOOD | | RELOCATE |
| 39 | <i>Phoenix Dactylifera</i> | Date Palm | 14.5 | 30 | 15 | GOOD | | RELOCATE |
| 40 | <i>Quercus virginiana</i> | Live Oak | 13.5 | 25 | 28 | GOOD | NATIVE | RELOCATE |
| 41 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 8 | 20 | 15 | GOOD | | RELOCATE |
| 42 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 8 | 18 | 10 | GOOD | | RELOCATE |
| 43 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 44 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 45 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 46 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 47 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 48 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 49 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 50 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 51 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 52 | <i>Calophyllum brasiliense</i> | Brazilian Beautyleaf | 4 | 20 | 10 | GOOD | | RELOCATE |
| 53 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 12 | 8 | GOOD | | REMAIN |
| 54 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 4 | 8 | 5 | POOR | | REMAIN |
| 55 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 3 | 12 | 5 | GOOD | | REMAIN |
| 56 | <i>Elaeocarpus decipiens</i> | Japanese Blueberry | 3 | 12 | 5 | GOOD | | REMAIN |


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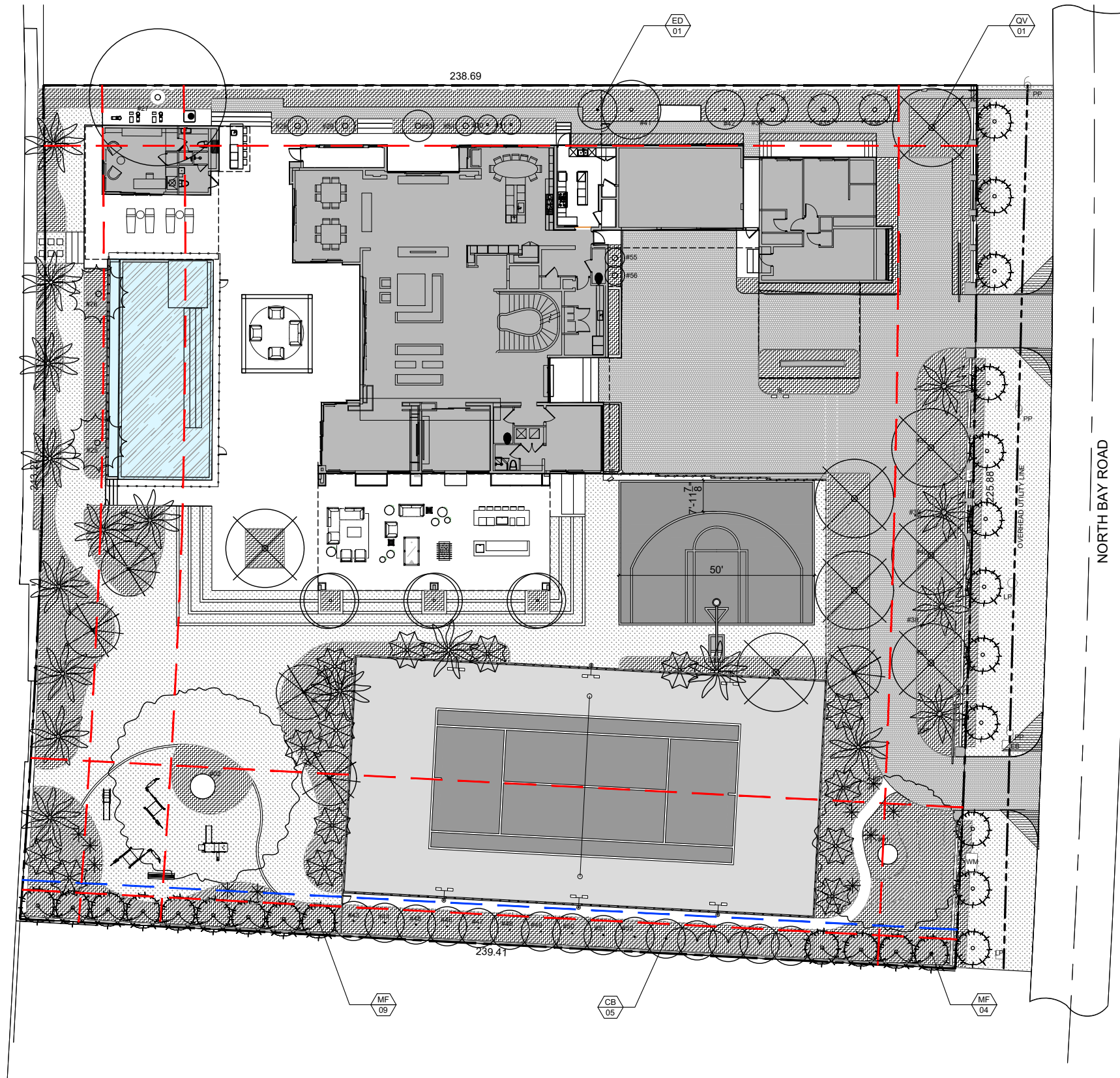
SEAL:



Tree Disposition Schedule

03-16-2021

LEGEND:
 PROPOSED TREES/ PALMS
 FOR MITIGATION



0' 5' 10' 20'
 SCALE: 1/32" = 1'-0"

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Tree Mitigation Plan

03-16-2021

L-102

| TREE REMOVAL SCHEDULE | | | | | | | | | | | |
|--|--------------------------------|---------------------|----------|-------------|-------------|-----------|--------|-------------|------------------|---------------|----|
| SYM | SCIENTIFIC NAME | COMMON NAME | DBH (in) | HEIGHT (ft) | SPREAD (ft) | CONDITION | NATIVE | DISPOSITION | DBH (in) REMOVED | PALMS REMOVED | |
| 3 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | GOOD | | REMOVE | | 1 | |
| 4 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 10 | 7 | GOOD | | REMOVE | | 1 | |
| 5 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | FAIR | | REMOVE | | 1 | |
| 6 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 7 | FAIR | | REMOVE | | 1 | |
| 7 | <i>Roystonea regia</i> | Royal Palm | 20 | 40 | 16 | GOOD | NATIVE | REMOVE | | 1 | |
| 8 | <i>Roystonea regia</i> | Royal Palm | 19 | 25 | 0 | DEAD | NATIVE | REMOVE | | 1 | |
| 9 | <i>Carica papaya</i> | Papaya | 5 | 10 | 2 | POOR | | REMOVE | 5 | | |
| 10 | <i>Ptychosperma elegans</i> | Solitaire Palm | 4 | 30 | 7 | FAIR | | REMOVE | | 1 | |
| 11 | <i>Ptychosperma elegans</i> | Solitaire Palm | 3.5 | 25 | 7 | FAIR | | REMOVE | | 1 | |
| 12 | <i>Carica papaya</i> | Papaya | 6 | 7 | 0 | POOR | | REMOVE | 6 | | |
| 13 | <i>Carica papaya</i> | Papaya | 5 | 7 | 0 | POOR | | REMOVE | 5 | 1 | |
| 14 | <i>Ptychosperma elegans</i> | Solitaire Palm | 4 | 30 | 7 | FAIR | | REMOVE | | 1 | |
| 15 | <i>Ptychosperma elegans</i> | Solitaire Palm (7) | 25 | 20 | 10 | GOOD | | REMOVE | | 1 | |
| 16 | <i>Caryota mitis</i> | Fishtail Palm | CLUSTER | 20 | 7 | POOR | | REMOVE | | 1 | |
| 17 | <i>Thrinax radiata</i> | Florida Thatch Palm | 3 | 15 | 12 | FAIR | NATIVE | REMOVE | | 1 | |
| 18 | <i>Dypsis lutescens</i> | Areca Palm | CLUSTER | 15 | 7 | FAIR | | REMOVE | | 1 | |
| 20 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 5 | 7 | 10 | FAIR | | REMOVE | | 1 | |
| 21 | <i>Phoenix roebelleni</i> | Pygmy Date Palm | 6 | 14 | 8 | GOOD | | REMOVE | | 1 | |
| 22 | <i>Koelreuteria paniculata</i> | Golden Rain Tree | 4 | 30 | 7 | FAIR | | REMOVE | 4 | | |
| 23 | <i>Ptychosperma elegans</i> | Solitaire Palm (2) | 7 | 15 | 8 | FAIR | | REMOVE | | 1 | |
| 24 | <i>Carica papaya</i> | Papaya | 8 | 15 | 8 | GOOD | | REMOVE | 8 | | |
| *SEE ARBORIST REPORT FOR FURTHER DETAIL ON TREES AND PALMS ON THIS LIST. | | | | | | | | | TOTAL REMOVED | 28 | 17 |

28" DBH + 17 TREES FOR THE REMOVAL OF 17 PALMS, EQUIVALENT TO:
27 REPLACEMENT TREES (MIN. 2" CALIPER, 6' CANOPY, 12' HT), OR
14 REPLACEMENT TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)
8 TREES MUST BE NATIVE (30% OF REQUIRED TREES)

SPECIES DIVERSITY:
21-30: 4 SPECIES

THE CODE (NEW ORDINANCE) IS BEING MET BY USING:
20 TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)

| TREES USED FOR MITIGATION | | | | | |
|---------------------------|-----|--|------------------------|--------|------------------------|
| SYM | QTY | SCIENTIFIC NAME | COMMON NAME | NATIVE | NOTES |
| CB | 5 | <i>Calophyllum brasiliense</i> | BRAZILIAN BEAUTY LEAF | N | minimum 16' HT; 4" DBH |
| MF | 13 | <i>Myrcianthes fragrans</i> | SIMPSON'S STOPPER TREE | Y | minimum 16' HT; 4" DBH |
| QV | 1 | <i>Quercus virginiana</i> | LIVE OAK | Y | minimum 16' HT; 4" DBH |
| ED | 1 | <i>Elaeocarpus decipiens</i> | JAPANESE BLUEBERRY | N | minimum 16' HT; 4" DBH |
| TOTAL: | 20 | TREES USED FOR MITIGATION DIVIDED IN 4 SPECIES | | | |

| LANDSCAPE SCHEDULE - CANOPY SITE | | | | |
|----------------------------------|-----|--------------------------------|---------------------------------------|--------|
| SYMBOL | QTY | PROPOSED MATERIAL | DESCRIPTION AND NOTES | NATIVE |
| STREET TREES | | | | |
| MF | 12 | <i>Myrcianthes fragrans</i> | 16' HT (MIN), 8' SP, 4" CALIPER, BUSH | Y |
| | | SIMPSON'S STOPPER TREE | FG, MIN 4' CLEAR TRUNK | |
| TREES | | | | |
| CB | 5 | <i>Calophyllum brasiliense</i> | 20' HT, 10' SP | N |
| | | BRAZILIAN BEAUTY LEAF | FG | |
| CE | 5 | <i>Conocarpus erectus</i> | 20' HT, 16' SP | Y |
| | | GREEN BUTTONWOOD | FG | |
| MF | 13 | <i>Myrcianthes fragrans</i> | 16' HT (MIN), 8' SP, 4" CALIPER, BUSH | Y |
| | | SIMPSON'S STOPPER TREE | FG, MIN 4' CLEAR TRUNK | |
| QV | 5 | <i>Quercus virginiana</i> | 20' HT, 16' SP | Y |
| | | LIVE OAK | FG | |
| ED | 1 | <i>Elaeocarpus decipiens</i> | 18' HT, 10' SP | N |
| | | JAPANESE BLUEBERRY | FG | |
| TH | 3 | <i>Tabebuia heterophylla</i> | 20' HT, 16' SP | N |
| | | PINK TRUMPET TREE | FG | |
| PALMS | | | | |
| CN | 14 | <i>Cocos nucifera</i> | CURVED CHARACTER TRUNK, 20' GW | N |
| | | COCONUT PALM | COLLECTED SPECIMEN | |
| DC | 14 | <i>Dypsis cabadae</i> | 18' OA, 12' SP, MULTI-TRUNK | N |
| | | CABADA PALM | FG | |
| PD | 1 | <i>Phoenix dactylifera</i> | 30' OA | N |
| | | DATE PALM | FG | |

| LANDSCAPE SCHEDULE - UNDERSTORY SITE | | | | |
|--------------------------------------|----------|------------------------------------|--|---|
| LARGE SHRUBS | | | | |
| CIC | 109 | Chrysobalanus icaco 'Green Tip' | 6' HT, 4' SP, 48" O.C, FULL GREEN TIP COCOPLUM | Y |
| PMA | 64 | Podocarpus macropyllus | 8' HT, 3' SP, 36" O.C, FULL PODOCARPUS | N |
| SHRUBS | | | | |
| CRO | 375 | Clusia rosea 'Nana' | 18" HT, 18" O.C DWARF PITCH APPLE | N |
| FMI | 323 | Ficus microcarpa 'Green Island' | 24" HT, 18" O.C GREEN ISLAND FICUS | N |
| PAL | 411 | Pennisetum alopecuroides | 30" HT, 30" SP, 24" O.C, FULL FOUNTAIN GRASS | N |
| PNE | 1351 | Psychotria nervosa 'Little Psycho' | 24" HT, 24" O.C DWARF WILD COFFEE | Y |
| ACCENTS | | | | |
| DSP | 10 | Dioon spinulosum | 4' HT, 4' SP GIANT DIOON | N |
| CCO | 6 | Cyathea cooperi | 4' HT, 4' SP AUSTRALIAN TREE FERN | N |
| GROUNDCOVERS | | | | |
| ELI | 93 | Ermodea littoralis | 12" HT, 12" O.C GOLDEN BEACH CREEPER | Y |
| LMU | 2173 | Liriope muscari 'Super Blue' | 12" HT , 12" O.C LIRIOPE | N |
| VINES | | | | |
| TJA | 46 | Trachelospermum jasminoides | 3' TRELLIS, 12" O.C, TRAIN TO FENCE CONFEDERATE JASMINE | N |
| SOD | | | | |
| SOD | 8,960 SF | Zoysia ssp. | STAGGERED AND BUTTED JOINTS | N |
| | | GEO ZOYSIA | | |
| ARTIFICIAL TURF | | | | |
| TURF | 1,158 SF | | | |
| | | SYNLAWN 'SYNAUGUSTINE X47' | | |

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District RS-3 Lot Area 52,316 SF Acres 1.20

OPEN SPACE

| | REQUIRED/ ALLOWED | PROVIDED |
|---|----------------------|---------------|
| A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>52,316</u> s.f.x <u>50</u> % = <u>26,091</u> s.f. | <u>26,158</u> | <u>40,805</u> |
| B. Square feet of parking lot open space required as indicated on site Number of parking spaces <u>N/A</u> x 10 s.f. parking space = | <u>N/A</u> | <u>N/A</u> |
| C. Total square feet of landscaped open space required: A+B= | | |

LAWN AREA CALCULATION

| | | |
|--|---------------|--------------|
| A. Square feet of landscaped open space required | | |
| B. Maximum lawn area (sod) permitted= <u>50</u> % x <u>26,091</u> s.f. | <u>13,046</u> | <u>8,544</u> |

TREES

| | | |
|--|------------|------------|
| A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>52</u> trees x - (26) number of existing trees= | <u>26</u> | <u>32</u> |
| B. % Natives required: Number of trees provided x 30% = | <u>10</u> | <u>23</u> |
| C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%= | <u>10</u> | <u>23</u> |
| D. Street Trees (maximum average spacing of 20' o.c.) <u>226'</u> linear feet along street divided by 20'= | <u>N/A</u> | <u>N/A</u> |
| E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.); <u>226'</u> linear feet along street divided by 20'= 11.3 rounded to | <u>12</u> | <u>12</u> |

SHRUBS

| | | |
|--|--------------|--------------|
| A. Number of shrubs required: Sum of lot and street trees required x 12= | <u>456</u> | <u>2,496</u> |
| B. % Native shrubs required: Number of shrubs provided x 50%= | <u>1,248</u> | <u>1,351</u> |

LARGE SHRUBS OR SMALL TREES

| | | |
|---|-----------|------------|
| A. Number of large shrubs or small trees required: Number of required shrubs x 10%= | <u>46</u> | <u>173</u> |
| B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%= | <u>87</u> | <u>109</u> |

DIVERSITY OF REQUIRED SPECIES: 21-30 REQUIRED TREES: 6 PROPOSED: 6

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



&

CFZ DESIGN |

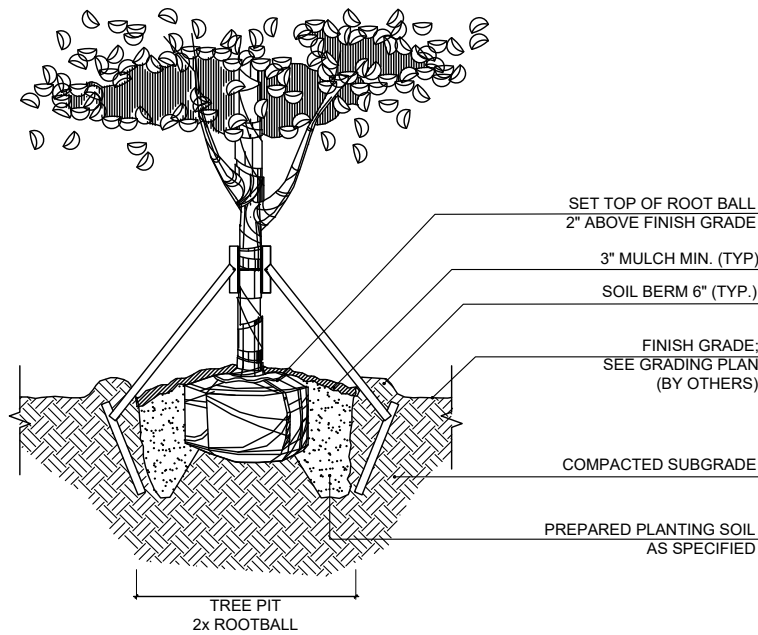
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SEAL:

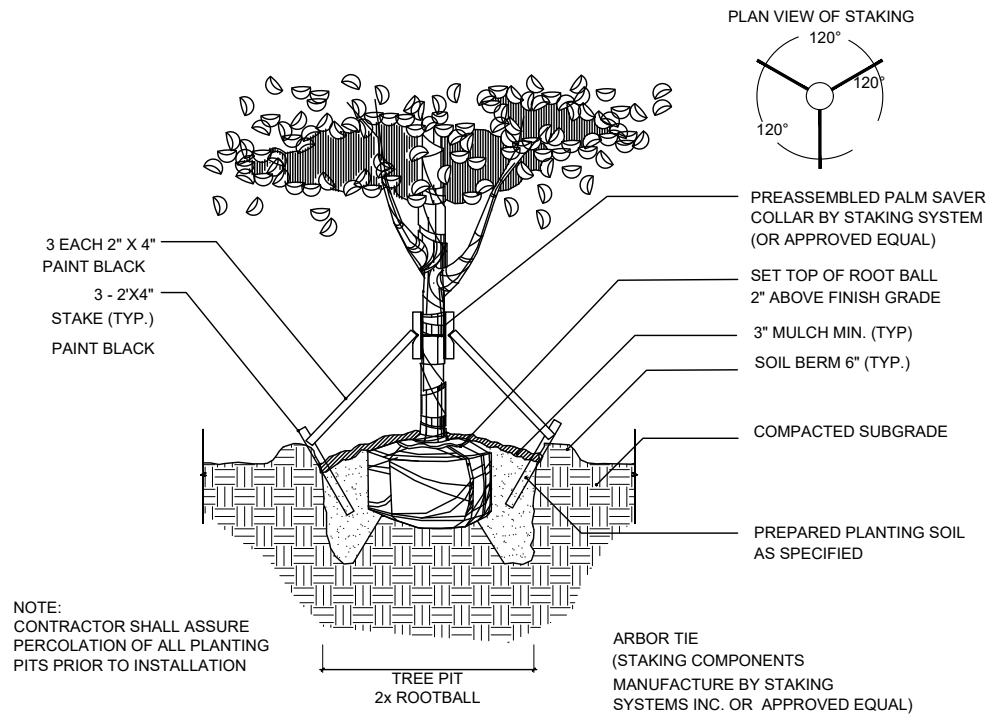


Planting Schedule and Landscape Legend

03-16-2021

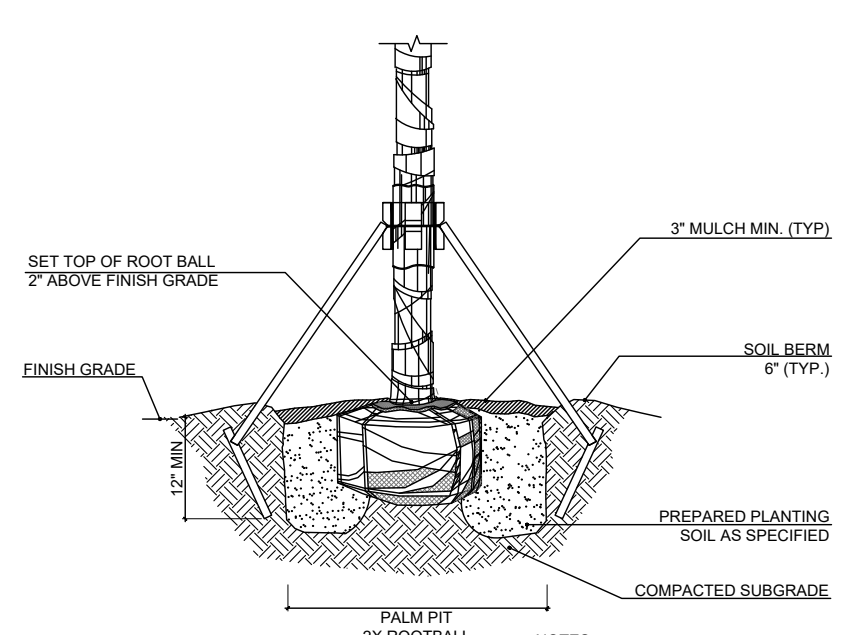


NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION



NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION

ARBOR TIE
(STAKING COMPONENTS
MANUFACTURE BY STAKING
SYSTEMS INC. OR APPROVED EQUAL)

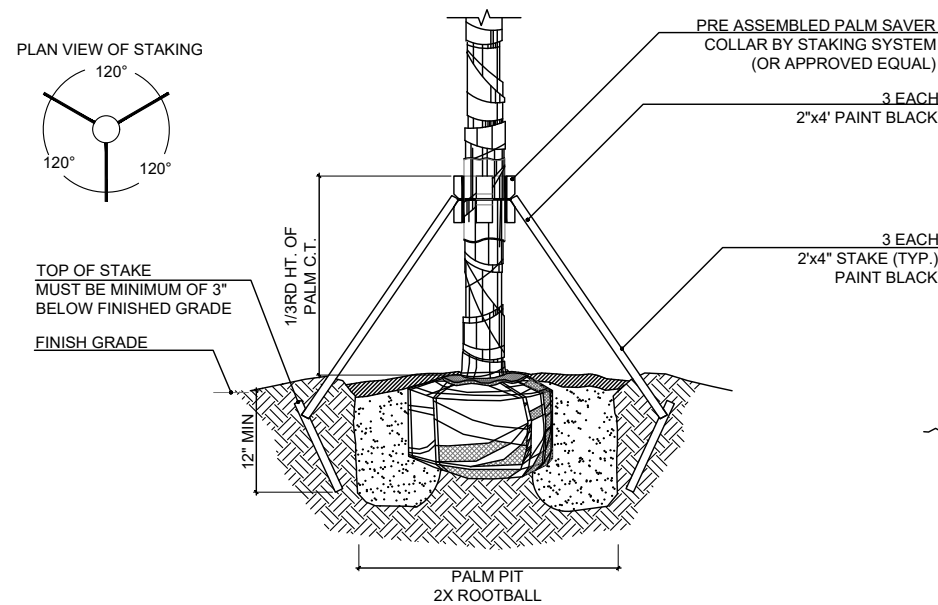


NOTES:
1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. SOIL BERMS ARE TO BE CONSTRUCTED AT RIGHT ANGLES TO THE TREE OR SHRUB OR IN THE POSITION WHICH WILL MOST EFFECTIVELY SERVE THE PURPOSE OF RETAINING WATER AT THE BASE OF THE PLANT.

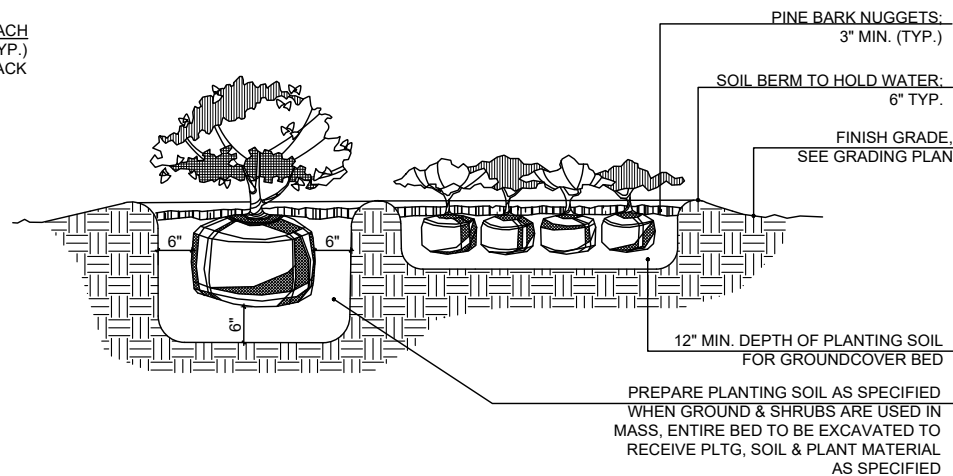
1 SPECIMEN TREE PLANTING DETAIL
SCALE: N.T.S.

2 SPECIMEN TREE STAKING DETAIL
SCALE: N.T.S.

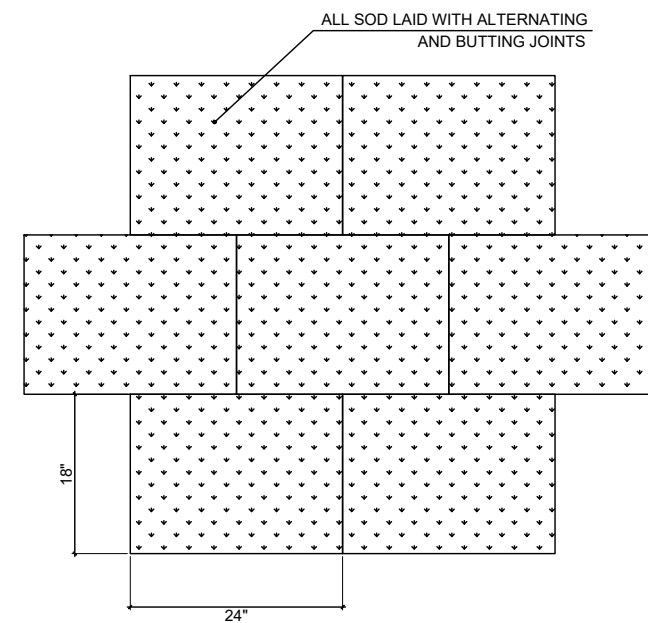
3 PALM PLANTING DETAIL
SCALE: N.T.S.



NOTES:
1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. SOIL BERMS ARE TO BE CONSTRUCTED AT RIGHT ANGLES TO THE TREE OR SHRUB OR IN THE POSITION WHICH WILL MOST EFFECTIVELY SERVE THE PURPOSE OF RETAINING WATER AT THE BASE OF THE PLANT.



NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS/ BEDS PRIOR TO INSTALLATION



NOTE: PROVIDE 2\"/>

4 PALM STAKING DETAIL
SCALE: N.T.S.

5 SHRUB AND GROUNDCOVER PLANTING DETAIL
SCALE: N.T.S.

6 SOD PLANTING DETAIL
SCALE: N.T.S.

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:



Planting Details

03-16-2021