PINHASOV RESIDENCE

DESIGN REVIEW BOARD, CITY OF MIAMI BEACH DRB21-0700 FINAL SUBMITTAL - AUGUST 2ND, 2021

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PROJECT GENERAL DATA & CODE SUMMARY

NAME OF THE PROJECT: PINHASOV RESIDENCE

LOCATION: 4150 NAUTILUS DRIVE, MIAMI BEACH, FLORIDA 33140

PROPOSED USE: RESIDENCE

PROJECT SUMMARY: NEW TWO STORY RESIDENCE

7TH EDITION (2020) OF THE FLORIDA BUILDING CODE FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION (2020) CODE ENFORCEMENT JURISDICTION:

7TH EDITION OF THE FFPC (2020) CITY OF MIAMI BEACH ZONING CODE

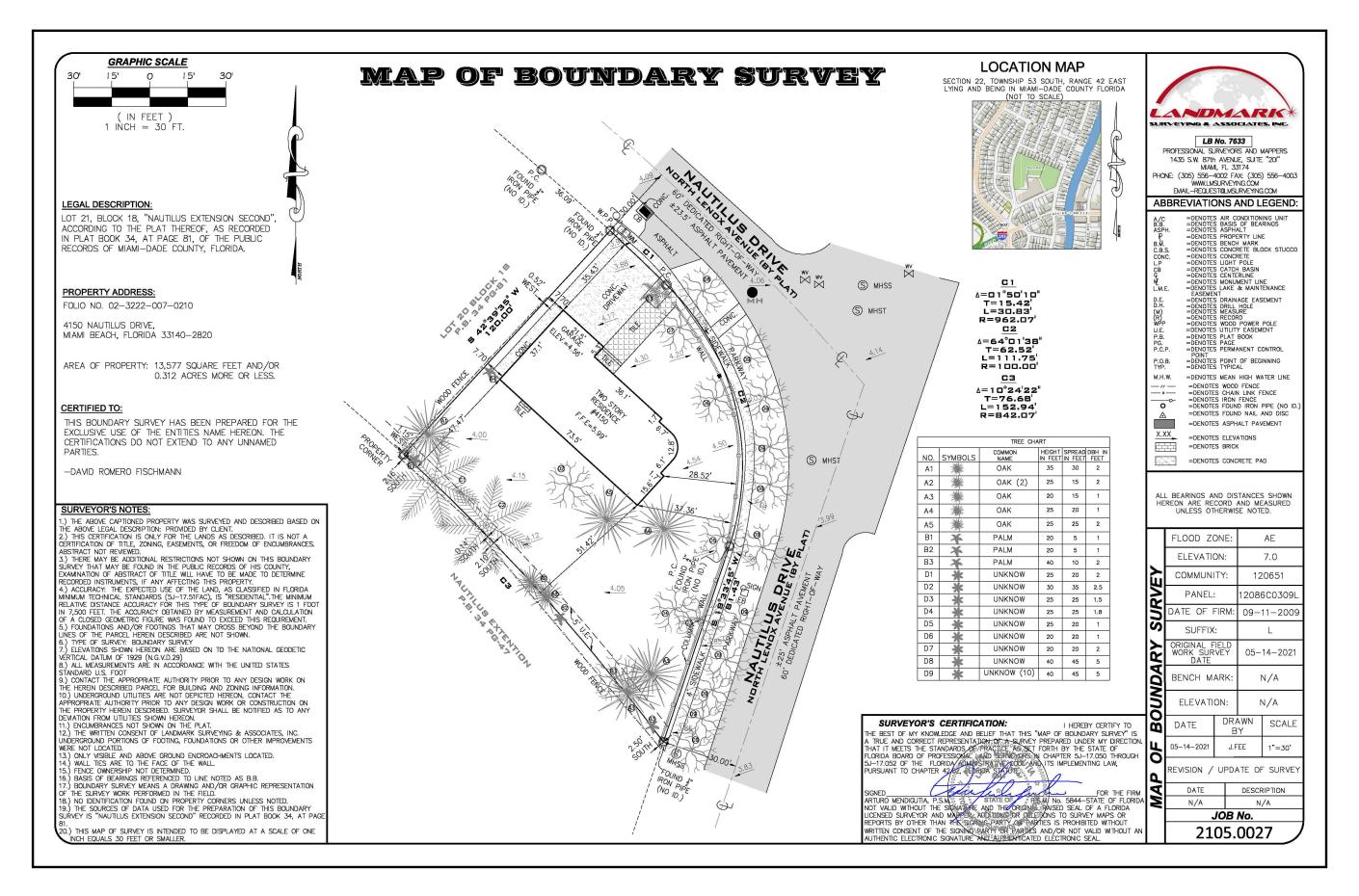
ZONING: RS-4 SINGLE-FAMILY RESIDENTIAL DISTRICT

02-3222-007-0210 FOLIO NUMBER:

LOT 21, BLOCK 18, "NAUTILUS EXTENSION SECOND", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 34, AT PAGE 81, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA LEGAL DESCRIPTION:

OWNER: GAVRIEL PINHASOV





BOUNDARY SURVEY EX0.1

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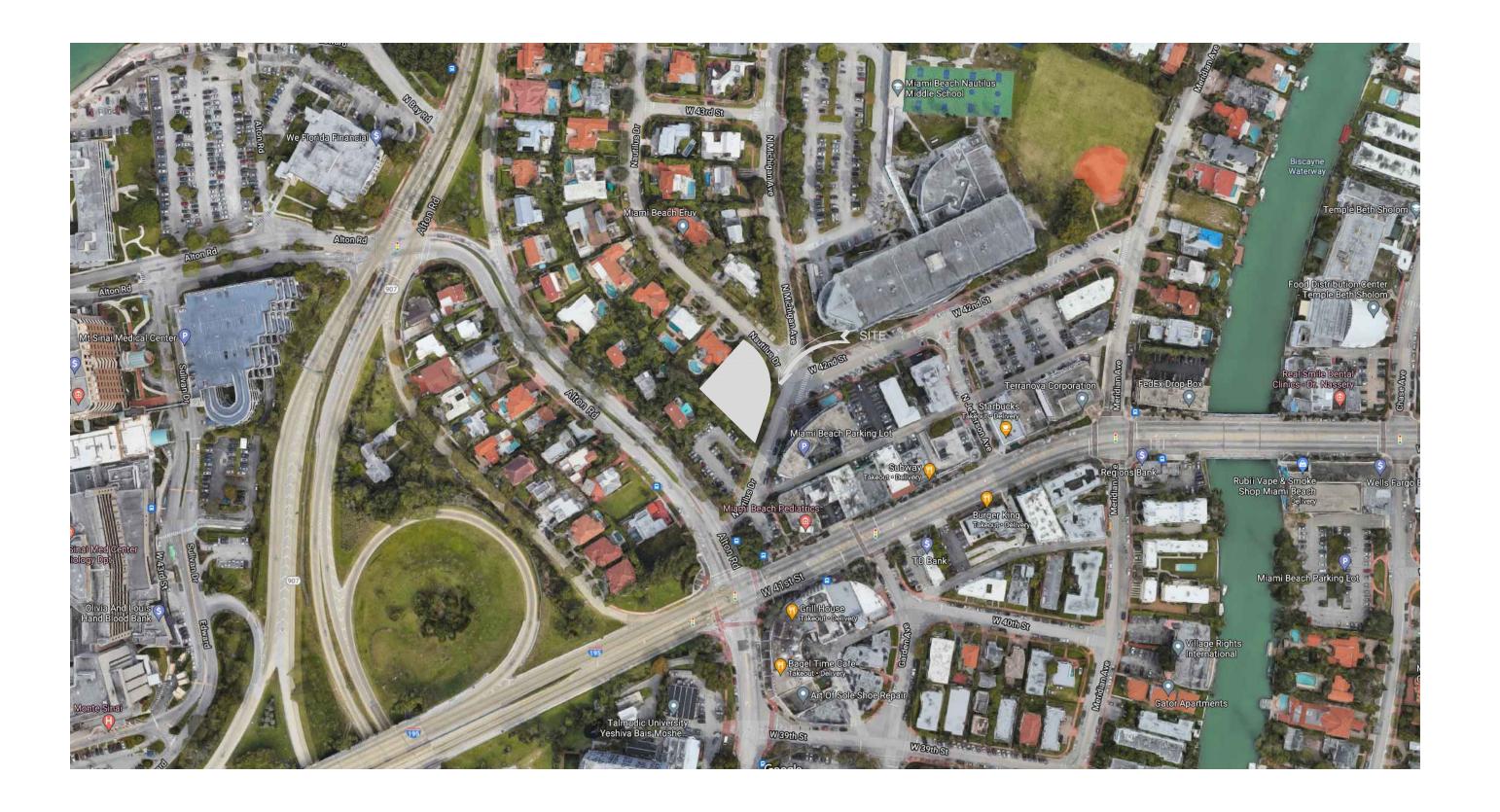








EXISTING CONDITIONS EX0.2



CONTEXT LOCATION MAP EX0.3



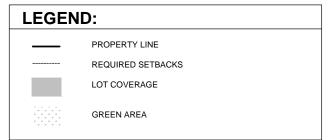






CONTEXT ANALYSIS EX0.4

EXISTING TWO-STORY RESIDENCE EXISTING FINISH FLOOR ELEVATION +5.99' NGVD / 0.00' CONCRETE DRIVEWAY 01⁰ 50' 10" 30.83' R=962.07' 1 EXISTING LOT COVERAGE DIAGRAM N 60' DEDICATED RIGHT- OF-WAY DRB21-0700
DESIGN REVIEW BOARD - FINAL SUBMITTAL AUGUST 2ND, 2021



2,388.3 SF (16.8%)

LOT COVERAGE DATA:

EXISTING LOT SIZE: 14,181.0 SF EXISTING LOT COVERAGE:

> JOSE A. VIDAL AR94535

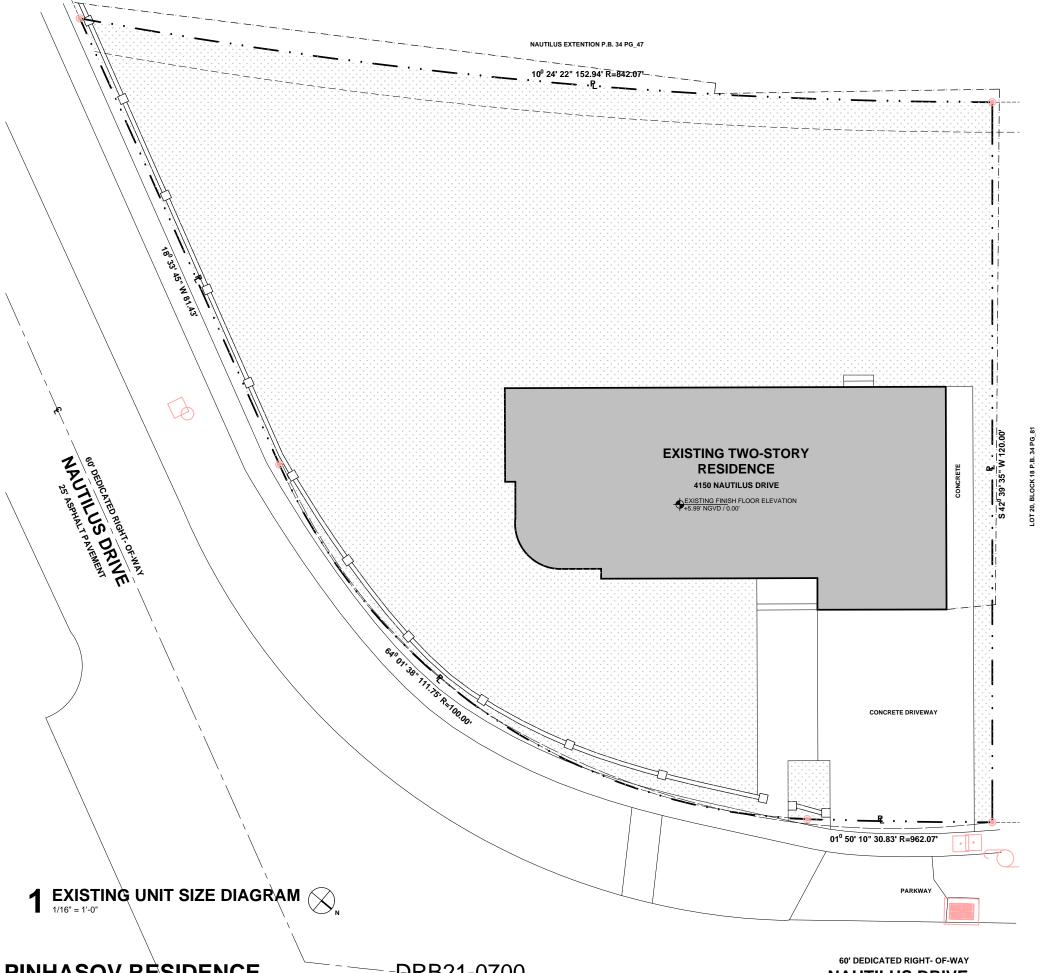
EXISTING LOT COVERAGE DIAGRAM EX1.0

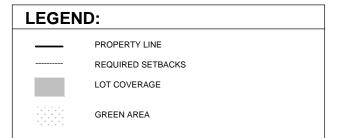


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PINHASOV RESIDENCE
4150 NAUTILUS DRIVE, MIAM, BEACH, FLORIDA 33140
08.02.2021

NAUTILUS DRIVE 23.5' ASPHALT PAVEMENT





UNIT SIZE DATA:

14,181.0 SF EXISTING LOT SIZE:

EXISTING UNIT SIZE:

GROUND FLOOR SECOND FLOOR 2,388.3 SF 2,388.3 SF

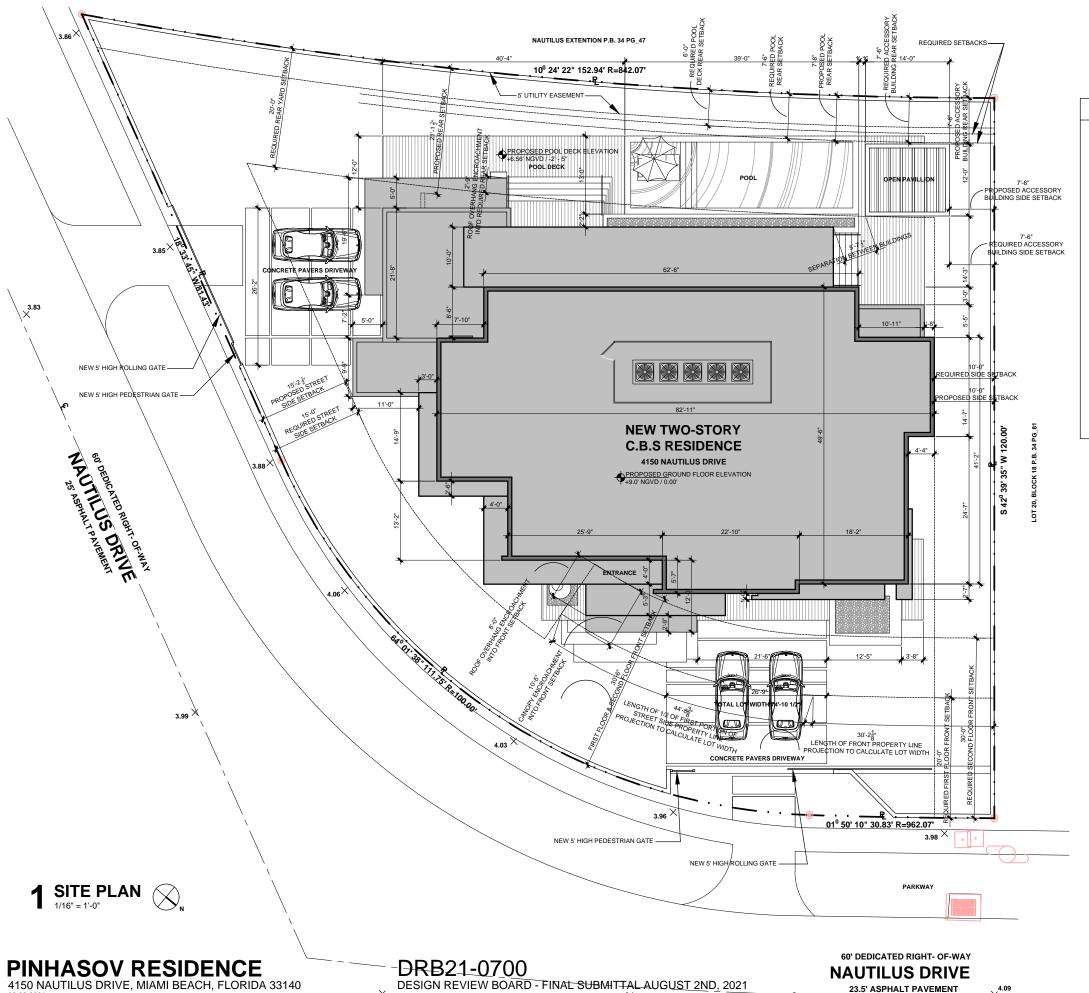
TOTAL 4,776.6 SF (33.7%)

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EXISTING UNIT SIZE DIAGRAM EX1.1



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FLOOD LEGEND:

- FLOOD ZONE: "AE"
 ADDRESS: 4150 NAUTILUS DRIVE, MIAMI BEACH, FLORIDA 33140
 LOT; 21 BLOCK; 18
 PLAT BOOK: 34 PAGE: 81
 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.
 HIGHEST CROWN OF ROAD ELEVATION: 4.14 FT. N.G.V.D.
 SIDEWALK ELEVATION: 3.88 FT. N.G.V.D.
 HIGHEST CROWN OF ROAD ELEVATION WAS TAKEN FROM THE ATTACHED CERTIFIED SURVEY PREPARED BY:

ARTURO MENDIGUTIA SURVEYORS NAME

LOWEST FLOOR ELEVATION:

GARAGE FLOOR ELEVATION

- ALL EQUIPMENT AND MACHINERIES AND UTILITIES SHALL BE ELEVATED AT OR ABOVE DESIGN FLOOD ELEVATION (+8.0' N.G.V.D.)
- ALL AREAS BELOW B.F.E. SHALL BE PROVIDE WITH A MINIMUM OF TWO (2) OPENINGS HAVING
 A TOTAL NET AREA OF LESS THAN ONE SQUARE INCH OF OPENING FOR EVERY SQUARE FOOT
 OF ENCLOSED AREA SUBJECT TO FLOODING. THE BOTTOM OF THE OPENING WILL BE NO HIGHER THAN ONE (1) FOOT ABOVE GRADE AND LOCATED ON DIFFERENT SIDES OF THE ENCLOSED AREA.

 OPENINGS WILL BE EQUIPPED WITH SCREENS OR LOUVERS.FLOOD RESISTANT MATERIALS WILL

 BE USED BELOW B.F.E.
- THE SITE WILL BE GRADE IN A MANNER TO PREVENT THE FLOODING AF ADJACENT PROPERTIES. WHERE NECESSARY INTERCEPTOR SWELLS WILL BE CONSTRUCTED ON-SITE WITH NO ENCROACHMENT OVER ADJACENT PROPERTIES.
- ◆ 0'-0"= 9.0' N.G.V.D.

JOSE A. VIDAL AR94535

SITE PLAN A1.0



SINGLE FAMILY RESIDENTIAL - ZONING DATA SHEET

ITEM #	Zoning Information			
1	Address:	4150 NAUTILUS DRIVE, MI	AMI BEACH, FLORIDA 33140	
2	Folio number(s):	02-3222-007-0210		
3	Board and file numbers :			
4	Year built:	1940	Zoning District:	RS 4 - SINGLE FAMILY RESIDENTIAL
5	Based Flood Elevation:	7.0' FEMA / 8.0' CMB	Grade value in NGVD:	3.99'
6	Adjusted grade (Flood+Grade/2):	6.0'	Free board:	1.0'
7	Lot Area:	14,181.0 Sq. Ft		
8	Lot width:	74.9'	Lot Depth:	120.0'
9	Max Lot Coverage SF and %:	4,254.3 Sq. Ft (30%)	Proposed Lot Coverage SF and %:	4,109.7 Sq. Ft (29.0%)
10	Existing Lot Coverage SF and %:	N/A	Lot coverage deducted (garage-storage)	421.0 Sq. Ft
11	Front Yard Open Space SF and %:	1,464.6 Sq. Ft (62.8%)	Rear Yard Open Space SF and %:	2,085.3 Sq. Ft (70.5%)
12	Max Unit Size SF and %:	7,090.5 Sq. Ft (50%)	Proposed Unit Size SF and %:	6,542.3 Sq. Ft (46.1%)
13	Existing First Floor Unit Size:	N/A	Proposed First Floor Unit Size:	3,851.5 Sq. Ft (27.2%)
14	Existing Second Floor Unit Size	N/A	Proposed Second Floor volumetric Unit Size SF and % (Note: to exceed 70% of the first floor of the main home	N/A
15			Proposed Second Floor Unit Size SF and	2,690.8 Sq. Ft (69.9% of First Floor Unit
16			Proposed Roof Deck Area SF and %	N/A
			(Note: Maximum is 25% of the enclosed floor area immediately	
			encrosed froor area fillinediatery	

		Required	Existing	Proposed	Deficiencies
17	Height:	24.0'	N/A	24.0'	
18	Setbacks:				
19	Front First level:	20.0'	35.43'	30.5'	
20	Front Second level:	30.0'	35.43'	30.5'	
21	Side 1:	10.0'	7.7'	10.0'	
22	Side 2 or (facing street):	15.0'	28.52'	15.2'	
23	Rear:	20.0'	47.47'	21.1'	
	Accessory Structure Side 1:	7.5'	N/A	7.5'	
24	Accessory Structure Side 2 or				
	(facing street):	15.0'	N/A	115.5'	
25	Accessory Structure Rear:	7.5'	N/A	7.7'	
26	Sum of Side yard :	25.0'	36.22'	25.2'	
27	Located within a Local Historic District?		NO		
28	Designated as an individual His	e NO			
29	Determined to be Architecturally	NO			

Notes:

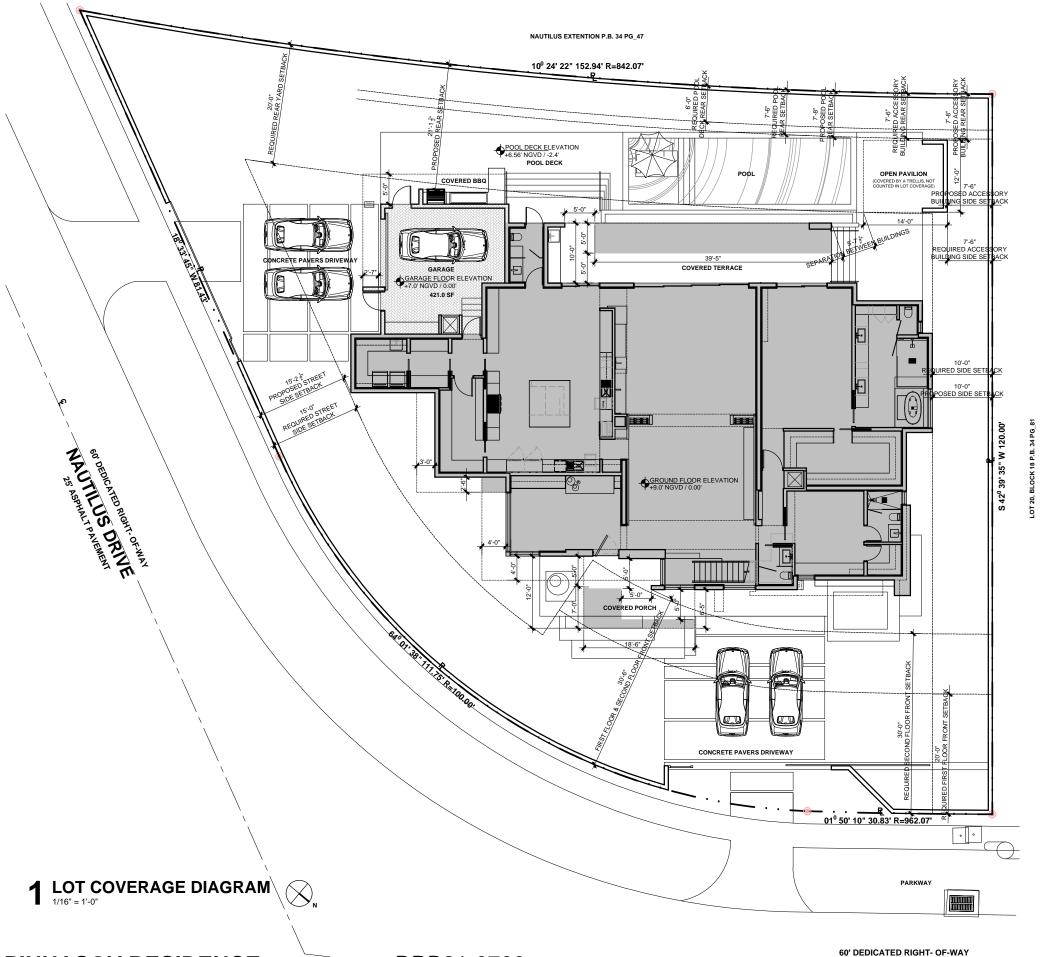
If not applicable write N/A

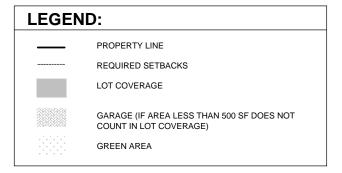
All other data information should be presented like the above format

JOSE A. VIDAL AR94535









LOT COVERAGE DATA:

EXISTING LOT SIZE: 14,181.0 SF PROPOSED LOT COVERAGE: 4,109.7 SF (29.0%)

> JOSE A. VIDAL AR94535

LOT COVERAGE DIAGRAM A1.2

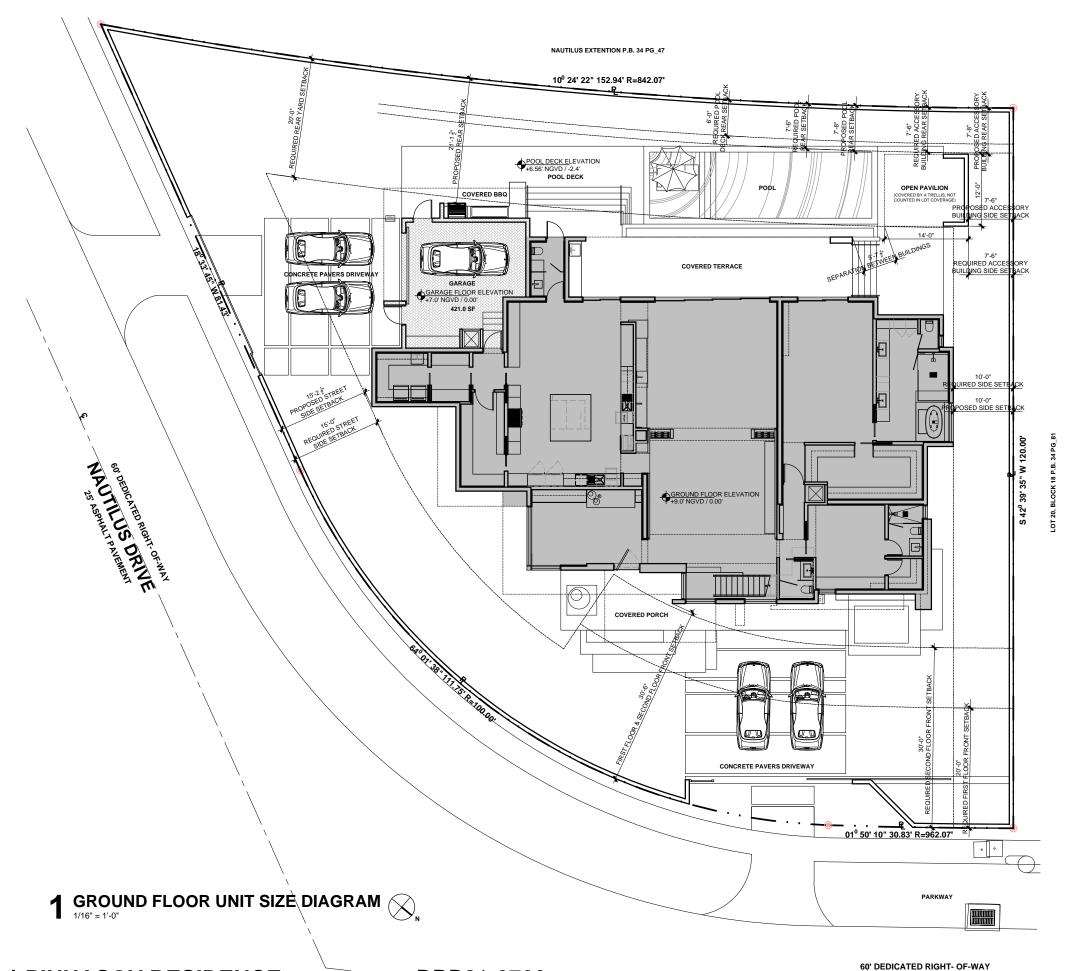


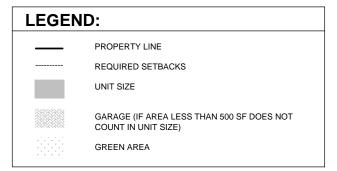
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PINHASOV RESIDENCE
4150 NAUTILUS DRIVE, MIAMI BEACH, FLORIDA 33140

DRB21-0700

NAUTILUS DRIVE 23.5' ASPHALT PAVEMENT





UNIT SIZE DATA:

GROUND FLOOR UNIT SIZE: 3,851.5 SF (27.2%)

SECOND FLOOR UNIT SIZE:

2,690.8 SF

(69.9% OF FIRST FLOOR UNIT SIZE)

TOTAL UNIT SIZE:

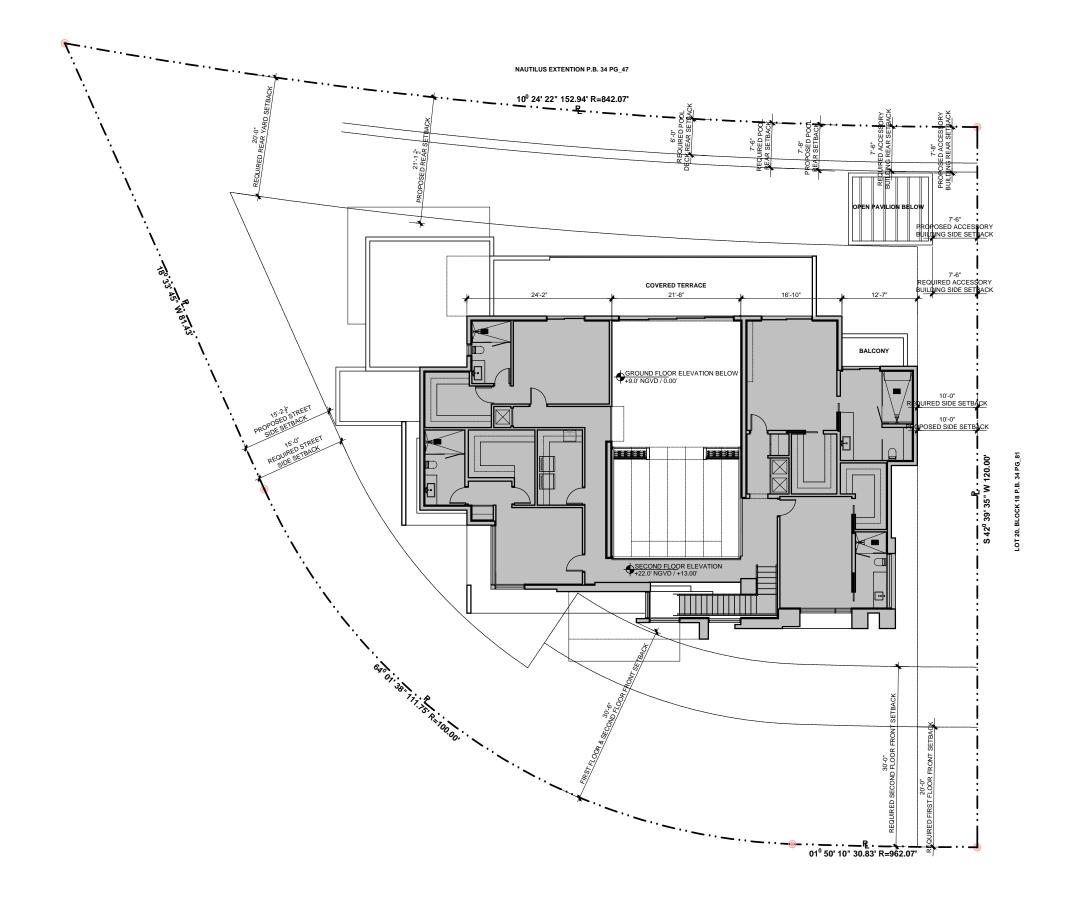
MAXIMUM UNIT SIZE ALLOWED: 7,090.5 SF (50.0%)

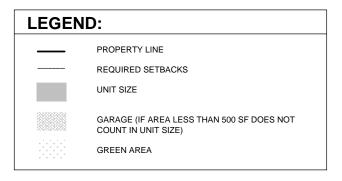
PROPOSED UNIT SIZE: 6,542.3 SF (46.1%)

> JOSE A. VIDAL AR94535

GROUND FLOOR UNIT SIZE DIAGRAM A1.3







UNIT SIZE DATA:

SECOND FLOOR UNIT SIZE:

GROUND FLOOR UNIT SIZE: 3,851.5 SF (27.2%)

1 LOOK GIVIT GIZE. 3,001.5 0

2,690.8 SF

(69.9% OF FIRST FLOOR UNIT SIZE)

TOTAL UNIT SIZE:

MAXIMUM UNIT SIZE ALLOWED: 7,090.5 SF (50.0%)

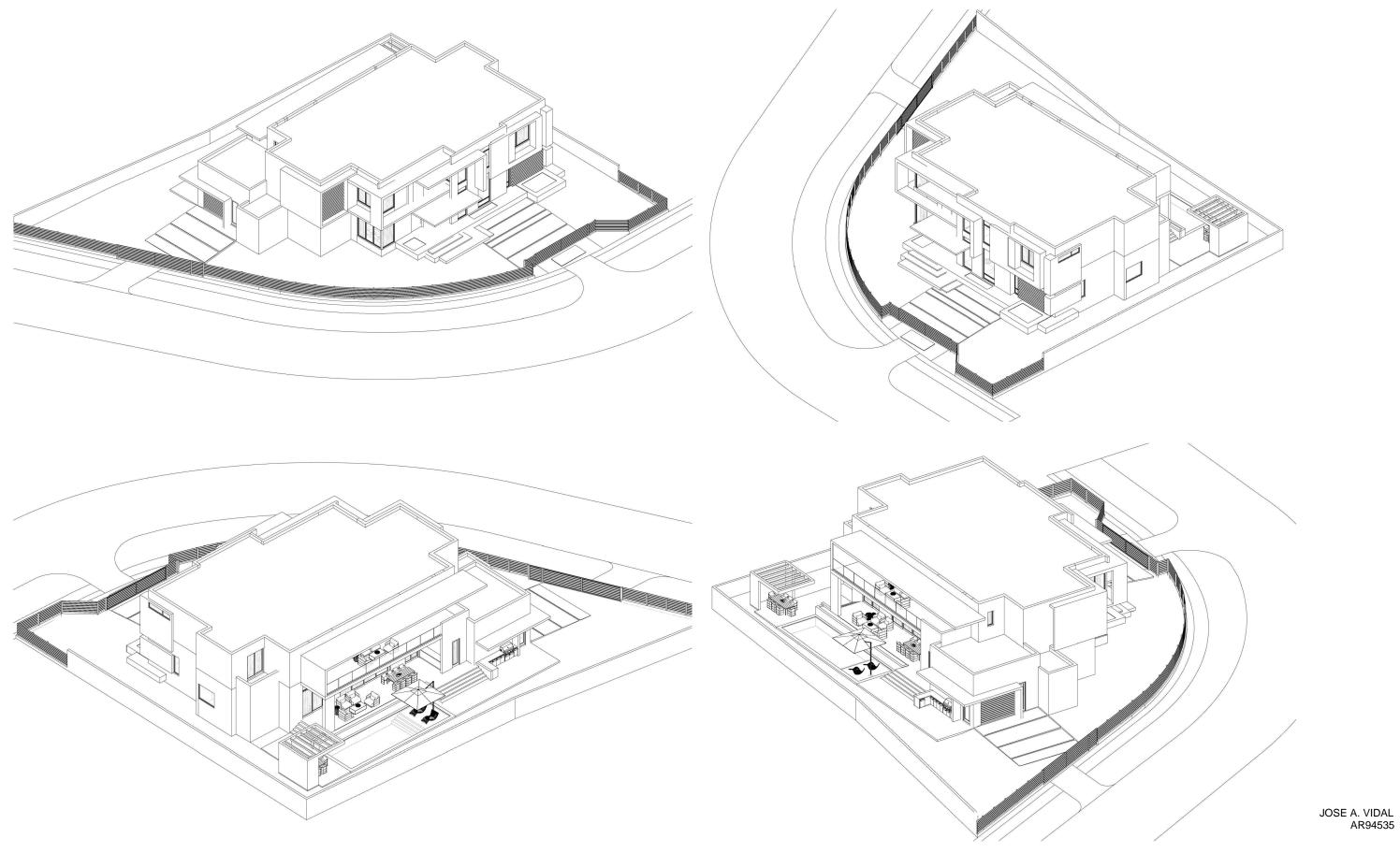
PROPOSED UNIT SIZE: 6,542.3 SF (46.1%)

1 SECOND FLOOR UNIT SIZE DIAGRAM \bigcirc_{N}

JOSE A. VIDAL AR94535

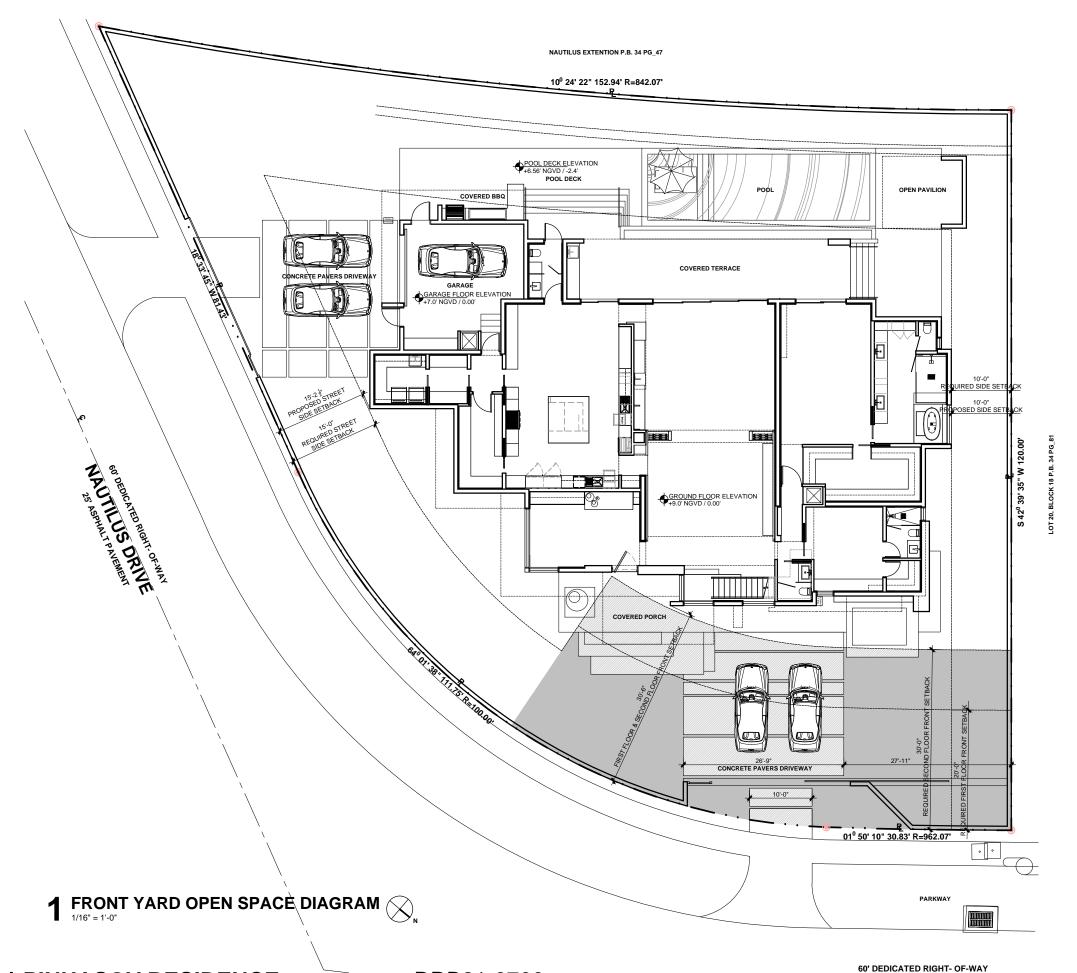
SECOND FLOOR UNIT SIZE DIAGRAM A1.4

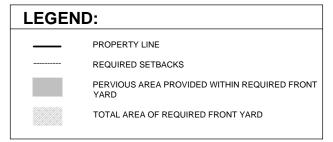




AXONOMETRIC DIAGRAMS

A1.5





FRONT YARD CALCULATION:

FRONT SETBACK REQUIRED: 30'-0"

FRONT SETBACK PROVIDED: 30'-6"

FRONT YARD AREA: 2,332.4 SF

MINIMUM 50% OF REQUIRED

FRONT YARD SHALL BE PERVIOUS: 1,166.2 SF (50.0%)

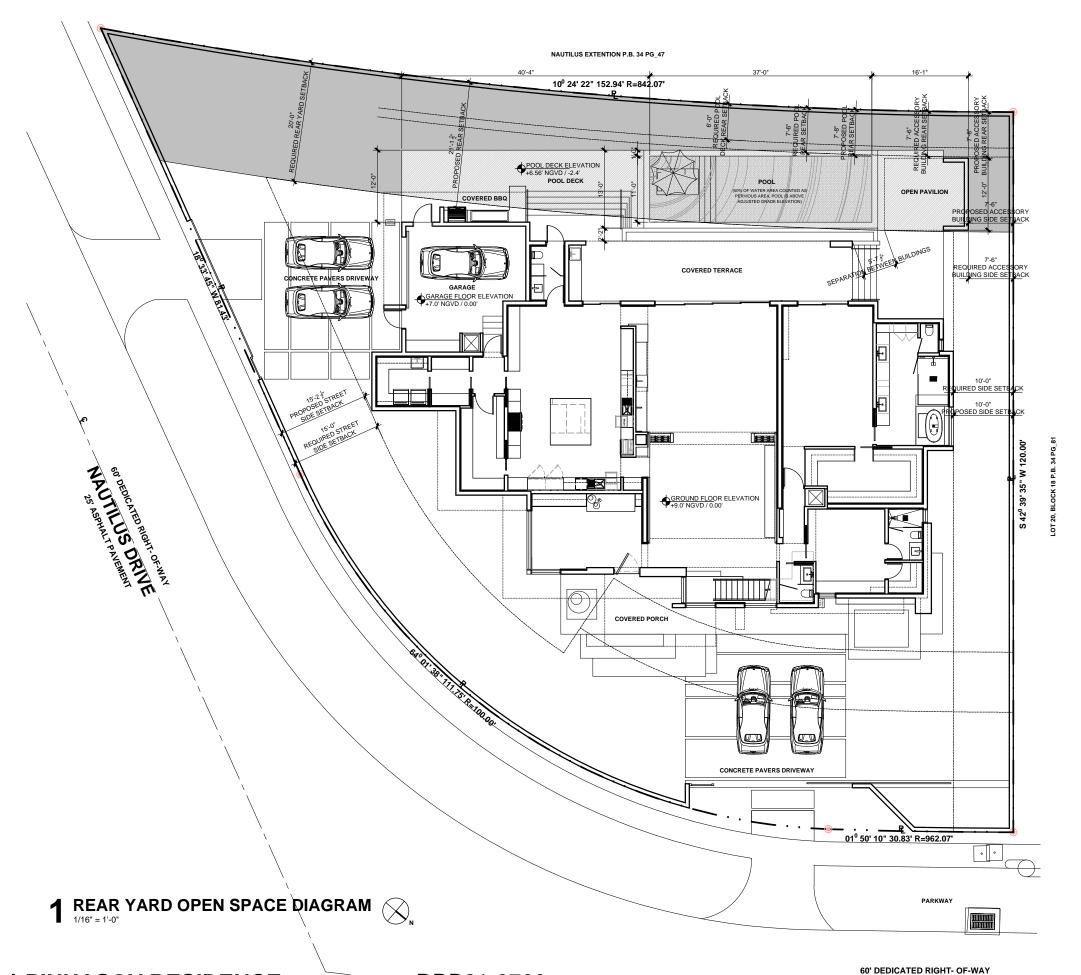
YARD PERVIOUS AREA PROVIDED: (WITHIN THE REQUIRED FRONT YARD)

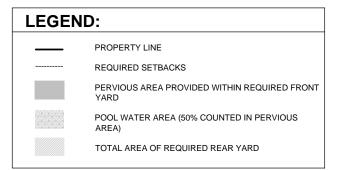
1,464.6 SF (62.8%)

JOSE A. VIDAL

FRONT YARD OPEN SPACE DIAGRAM A1.6







REAR YARD CALCULATION:

REAR SETBACK REQUIRED: 20'-0"

REAR SETBACK PROVIDED: 21'-1 ½"

REAR YARD AREA: 2,958.0 SF MINIMUM 70% OF REQUIRED

REAR YARD SHALL BE PERVIOUS: 2,070.6 SF (70.0%)

2,085.3 SF (70.5%)

YARD PERVIOUS AREA PROVIDED: (WITHIN THE REQUIRED REAR YARD)

> JOSE A. VIDAL AR94535

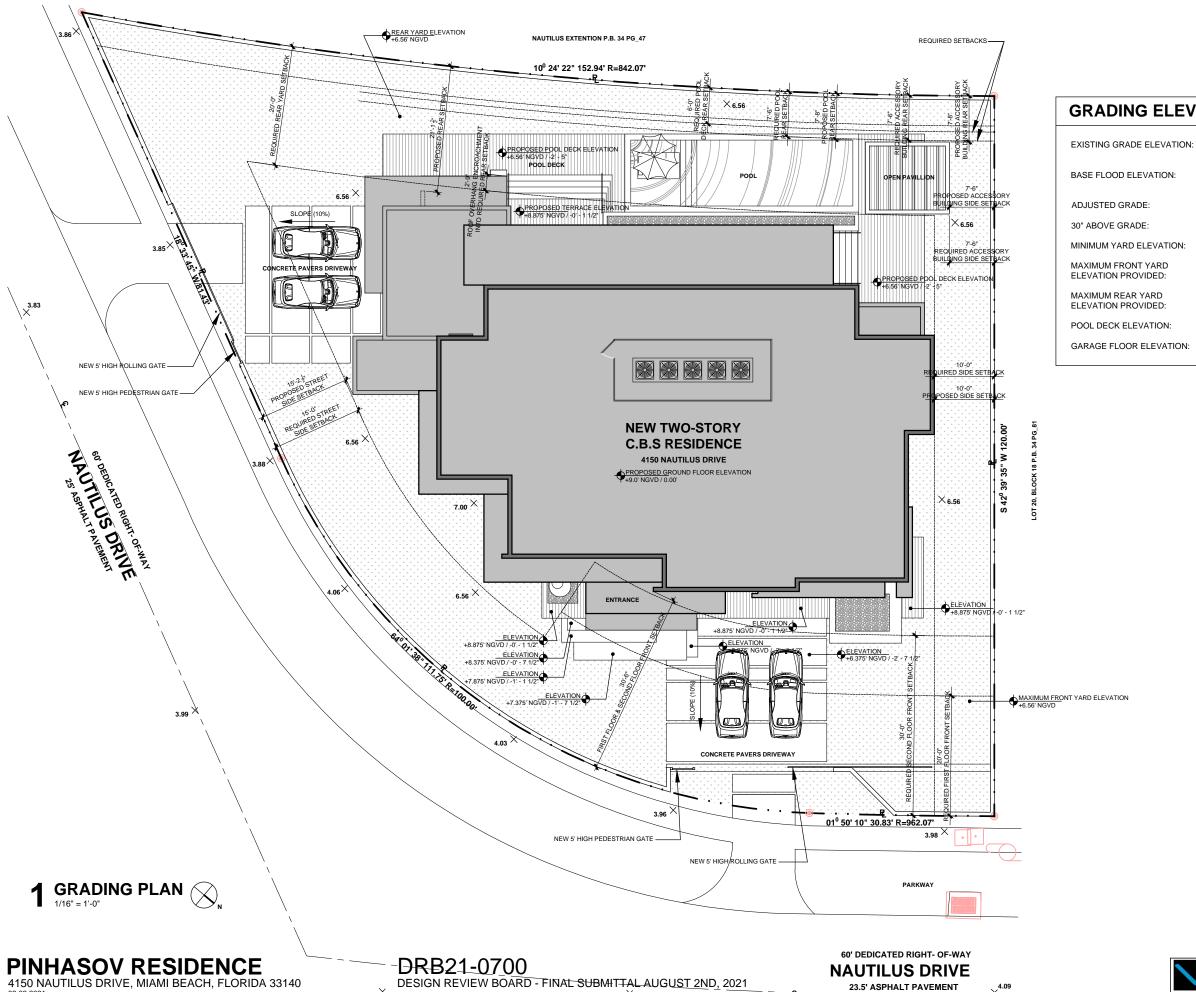
REAR YARD OPEN SPACE DIAGRAM A1.7



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NAUTILUS DRIVE

23.5' ASPHALT PAVEMENT



GRADING ELEVATION

3.99' NGVD (SIDEWALK ELEVATION AT THE CENTERLINE OF THE FRONT OF THE PROPERTY

8.0' NGVD + 1.0' NGVD (FREEBOARD)

= 9.0' (GROUND FINISH FLOOR)

6.00' NGVD

6.49' NGVD

6.56' NGVD

6.56' NGVD

6.56' NGVD

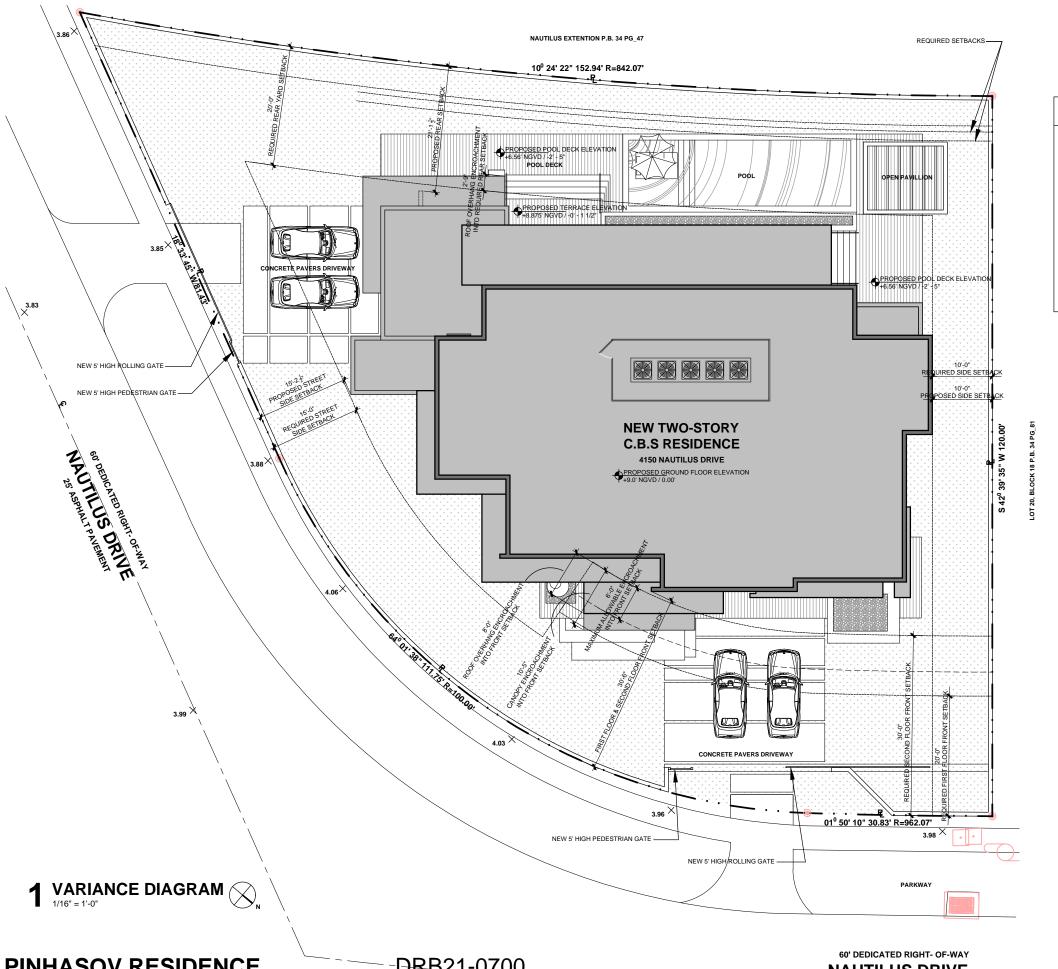
6.56' NGVD (ABOVE ADJUSTED GRADE)

7.00' NGVD

JOSE A. VIDAL AR94535

GRADING PLAN A1.8

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VARIANCE

REQUIRED SECOND FLOOR SETBACK:

ALLOWABLE ROOF OVERHANG AND CANOPY ENCROACHMENTS INTO THE REQUIRED FRONT YARD SETBACK:

6'-0" (25% OF REQUIRED SETBACK OR 6'-0"

PROPOSED OVERHANG ENCROACHMENT INTO SECOND FLOOR REQUIRED FRONT

SETBACK:

8'-0" (ROOF OVERHANG) 10'-5" (CANOPY)

THIS VARIANCE IS REQUESTED TO INCREASE THE ROOF OVERHANG AND CANOPY

ENCROACHMENT INTO THE REQUIRED SECOND FLOOR FRONT SETBACK FROM 6'-0" TO 8'-0" (ROOF OVERHANG) AND FROM 6'-0" TO 10'-5" (CANOPY)

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VARIANCE DIAGRAM A1.9

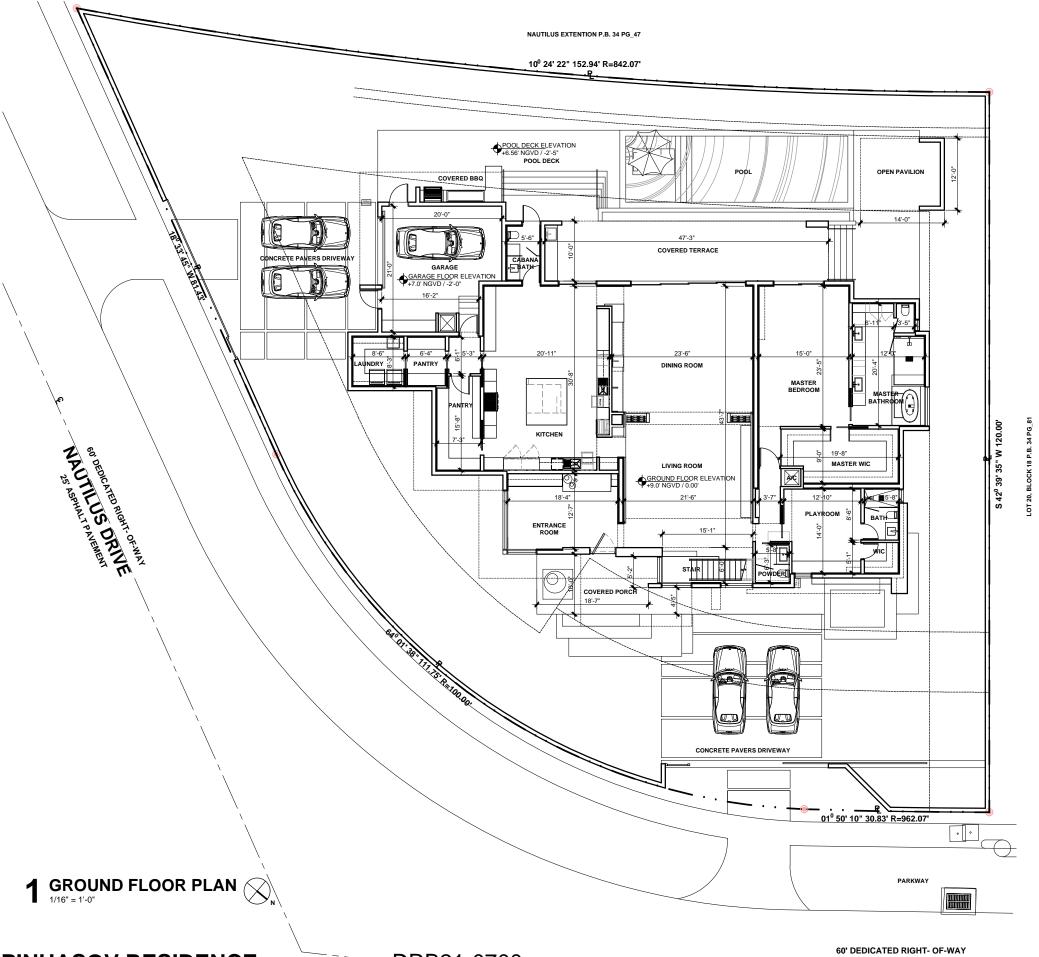


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DRB21-0700 DESIGN REVIEW BOARD - FINAL SUBMITTAL AUGUST 2ND, 2021

NAUTILUS DRIVE 23.5' ASPHALT PAVEMENT

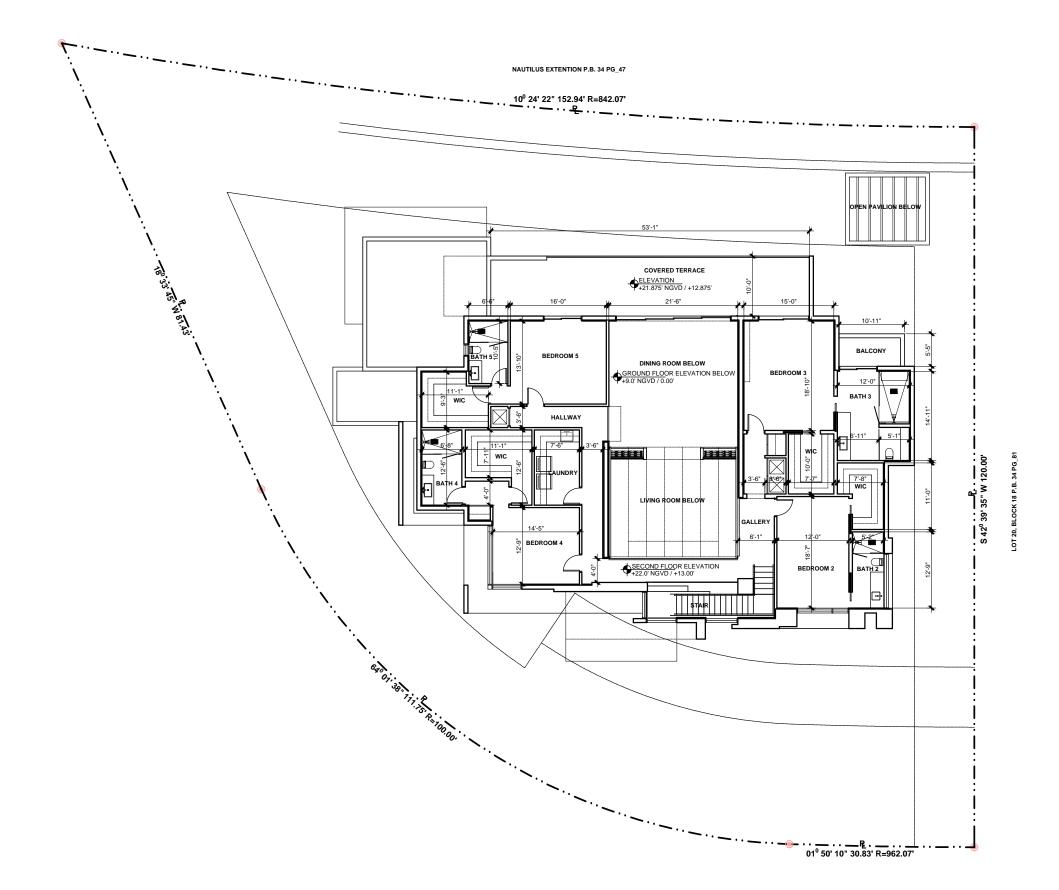


LEGEND: PROPERTY LINE REQUIRED SETBACKS

> JOSE A. VIDAL AR94535

GROUND FLOOR PLAN A2.0



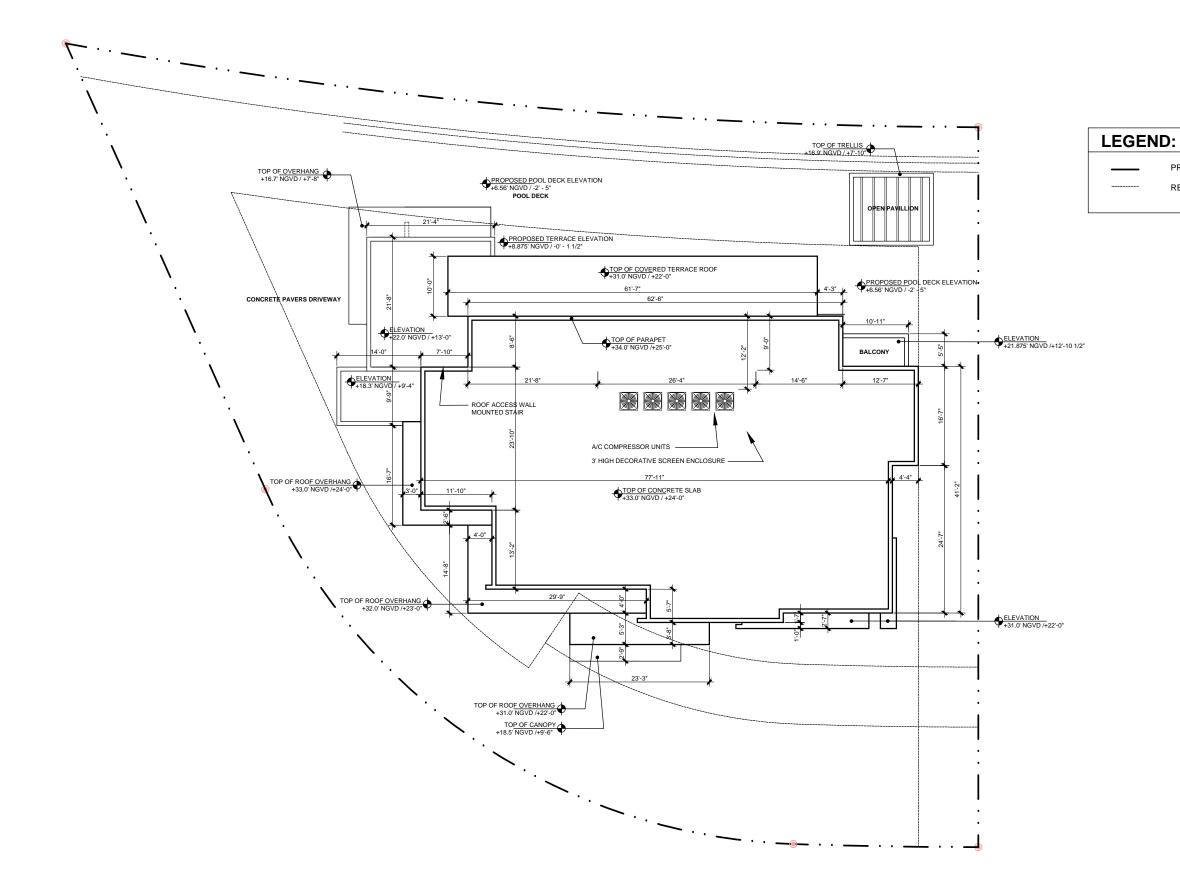


LEGEND: PROPERTY LINE REQUIRED SETBACKS

> JOSE A. VIDAL AR94535

SECOND FLOOR PLAN A2.1

1 SECOND FLOOR PLAN N

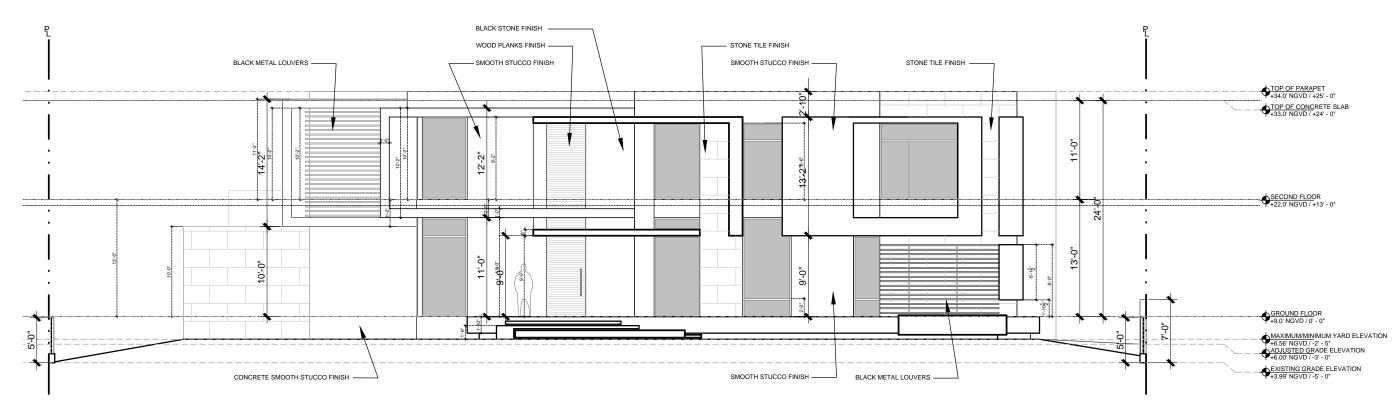


AR94535

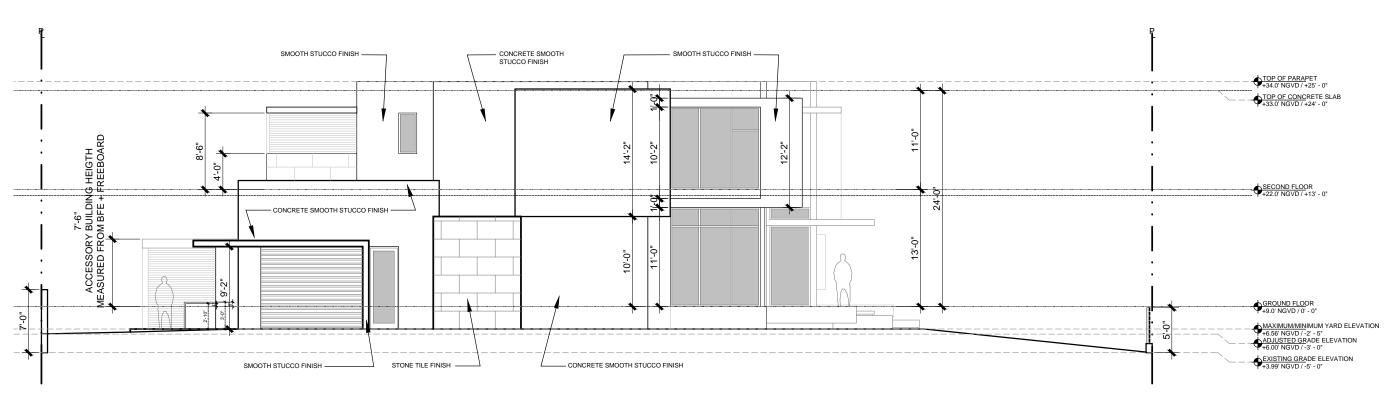
ROOF PLAN A2.2

PROPERTY LINE

REQUIRED SETBACKS



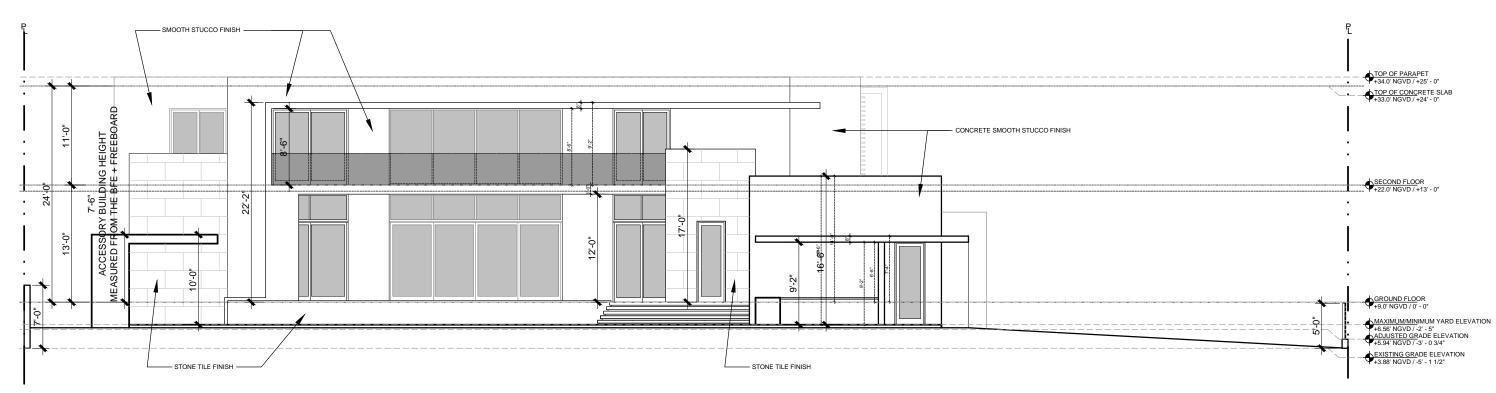
1 NORTHEAST ELEVATION 3/32" = 1'-0"



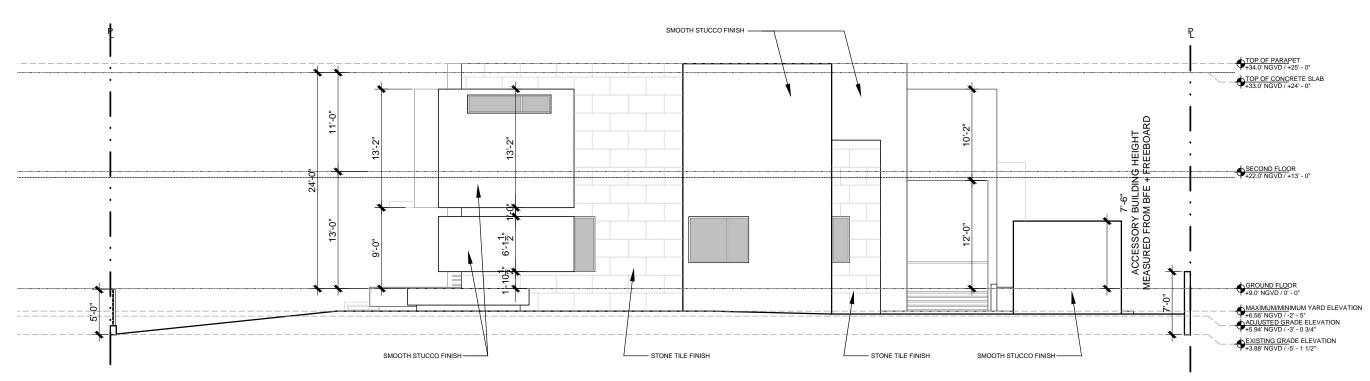
2 SOUTHEAST ELEVATION
3/32" = 1'-0"

JOSE A. VIDAL AR94535

ELEVATIONS A3.0



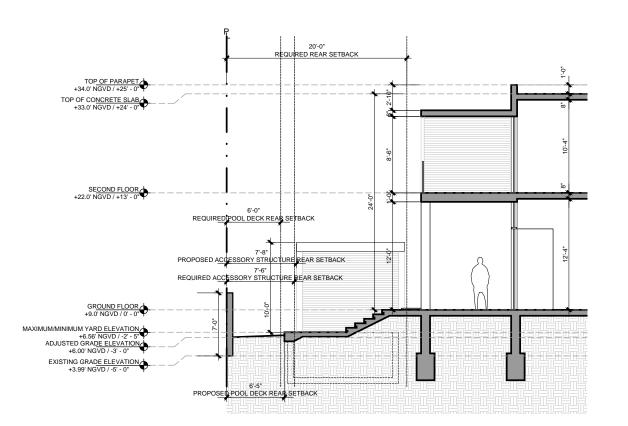
1 NORTHEAST ELEVATION 3/32" = 1'-0"



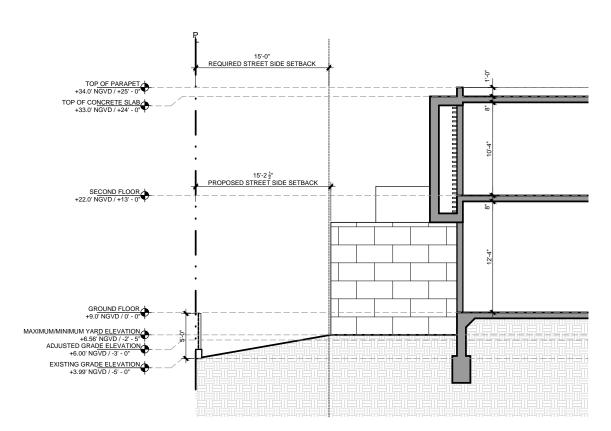
2 SOUTHEAST ELEVATION 3/32" = 1'-0"

JOSE A. VIDAL AR94535

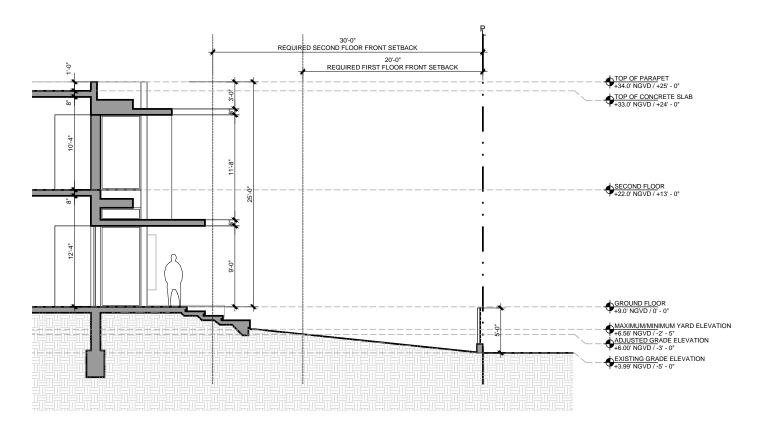
ELEVATIONS A3.1



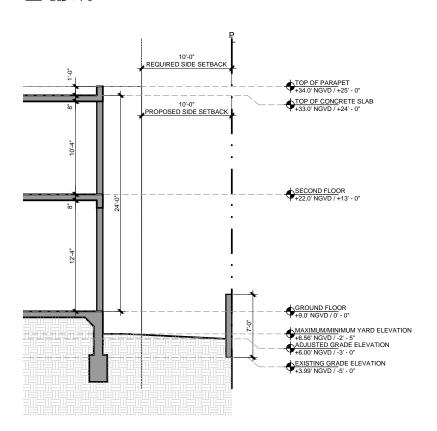
1 REAR YARD SECTION 3/32" = 1'-0"



 $3~{\mbox{STREET}}$ SIDE YARD SECTION $_{3/32^{\circ}}$ = $1^{\circ}.0^{\circ}$



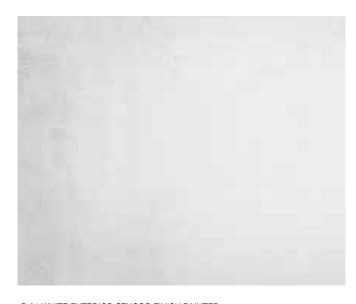
2 FRONT YARD SECTION 3/32" = 1'-0"

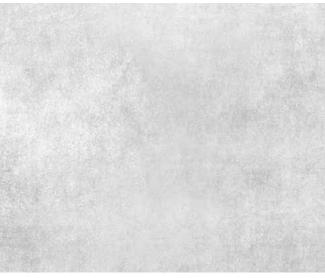


4 SIDE YARD SECTION 3/32" = 1'-0"

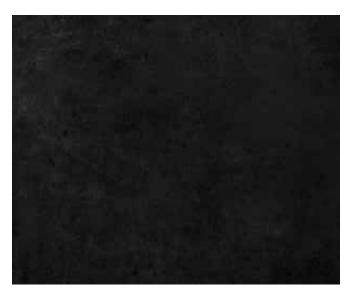
JOSE A. VIDAL AR94535

YARD SECTIONS A3.2









P-01 WHITE EXTERIOR STUCCO FINISH PAINTED

C-01 CONCRETE SMOOTH STUCCO FINISH

SM-01 EXTERIOR STONE TILE FINISH

SM-02 EXTERIOR BLACK STONE FINISH









WD-01 WOOD CLADDING FINISH

M-01 METAL & GLASS DOORS AND WINDOWS REFERENCE

M-02 METAL FENCE REFERENCE

MATERIALS AND REFERENCE BOARD A3.3













