PARDIS VILLA

217 E Rivo Alto Dr, Miami Beach, FL 33139

FINAL DRB SUBMITTAL / SEP 03, 2021

SCOPE OF WORK:

New 2-Story Single-Family Residence with understory



FRONT FACADE VIEW

PROJECT TEAM:

T.(305) 457-0791

VARABYEU DESIGN, Inc **ARCHITECTURE** 2640 South Bayshore Dr. Bldg. A Suite 210 Miami, FL 33133 T.(786) 597-8576 F. (305) 667-5567 AA 26002329

JEREZ DESIGN GROUP, Inc	LANDSCAPE
9135 Fountainblue Blvd, #4, Miami, FL 33172	

OCEAN ENGINEERING Inc. 8101 Biscayne Blvd.Unit 508 Miami, FL 33138 T. (786) 518-2008

VIDAL AND ASSOCIATES, Inc MEP

241 NW South River Drive Miami, Fl. 33128 T.(305) 571.1860

Zvonimir T. Belfranin, P.E.

4836 SW 74th Court Miami, Fl 33155 T. (305) 669-0255

REQUEST FOR DRB APPROVAL FOR:

1. REQUEST TO WAIVE TWO-STORY NORTH SIDE ELEVATION LENGTH, ELEVATION SHALL NOT EXCEED 60 FEET WITHOUT ADDITIONAL OPEN SPACE. PROPOSED UNINTEGRATED ELEVATION LENGTH 69'-9".

2. THE APPLICANT IS REQUESTING TO DEVELOP THE TWO-STORY FLAT ROOFED HOME WITH A HEIGHT OF 26 FEET PURSUANT TO SECTION 142-105(B)(1)

VARABYEU DESIGN

ARCHITECTURE INTERIORS PLANNING

F. (305) 667-5567 Second Floor, Suite 210, Miami, FL 33133 AA 26002329

www.varabyeu-partners.com

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Zvonimir T. Belfranin, P.E. STRUCTURA

Miami, Fl 33155

217 E RIVO ALTO DR. LLC. OWNER

18101 COLLINS AVE 3902 SUNNY ISLES BEACH, FL 33160

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-21

DRAWING COVER

STRUCTURAL ENGINEER

SCALE NTS

DWN

REVIEWED

PROJECT 2021-18

SHEET NO. :

A-00-0

SCOPE OF WORK

NEW TWO-STORY SINGLE FAMILY RESIDENCE WITH UNDERSTORY LEVEL, POOL AND LANDSCAPING, (POOL, DRIVEWAY, STAIR, RAILING VIA SEPARATE PERMIT).

LEGAL DESCRIPTION

Folio: 02-3233-001-0660

RIVO ALTO AMD PB 7-74 LOT 17 & S1/2 LOT 18 & BLK 4 8FT STRIP ADJ ON BAY AND PROP INT IN & TO COMMON ELEMENTS NOT DEDICATED TO PUBLIC LOT SIZE 90.000 X 175 OR 18642-1833 04 1999 1

APPLICABLE CODES

The major applicable codes for the but not limited to the following:	project include,
Building Code	Florida Residential Building Code 2020
Accessibility Code	FBC, Acceptability 2020
Energy Conservation Code	FBC, Energy Conservation 2020
Fire Prevention/Life safety Code	Florida Fire Prevention Code, 2020
Electrical Code	National Electrical Code,2020
Mechanical Code	FBC, Mechanical 2020
Plumbing Code	FBC, Plumbing 2020
NFPA Standards:	NFPA 70, 2020NEU
	NFPA 90A, 2021 HVAC
	NFPA 101, 2021
	NFPA 110, 2021 NFPA 58, 2021

ARCHITECT'S NOTE

TO THE BEST OF THE ARCHITECT'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES

CLASSIFICATION OF WORK

NEW CONSTRUCTION CONSTRUCTION TYPE V-B OCCUPANCY: R-3 PROPOSED CONSTRUCTION IS DESIGNED AS PER THE 2020 FLORIDA BUILDING CODE.

SEPARATE PERMIT REQUIRED FOR:

- POOL, POOL DECK
- DRIVEWAY&APPROACH
- ROOFING&WATERPROOFING
- RAILING
- DOORS&WINDOWS
- STAIR • MTL TRELLISES, DECORATIVE ELEMENTS

SHOP DRAWINGS. TO BE SUBMITTED TO AR/ER PRIOR THE FABRICATION



217 E Rivo Alto Dr, Miami Beach, FL 33139





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UNIT SIZE DIAGRAM
OPEN SPACE DIAGRAM
SIDE YARD ALLOWABLE ENCROACHMENTS DIAGRAM
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PROPOSED FIRST FLOOR PLAN
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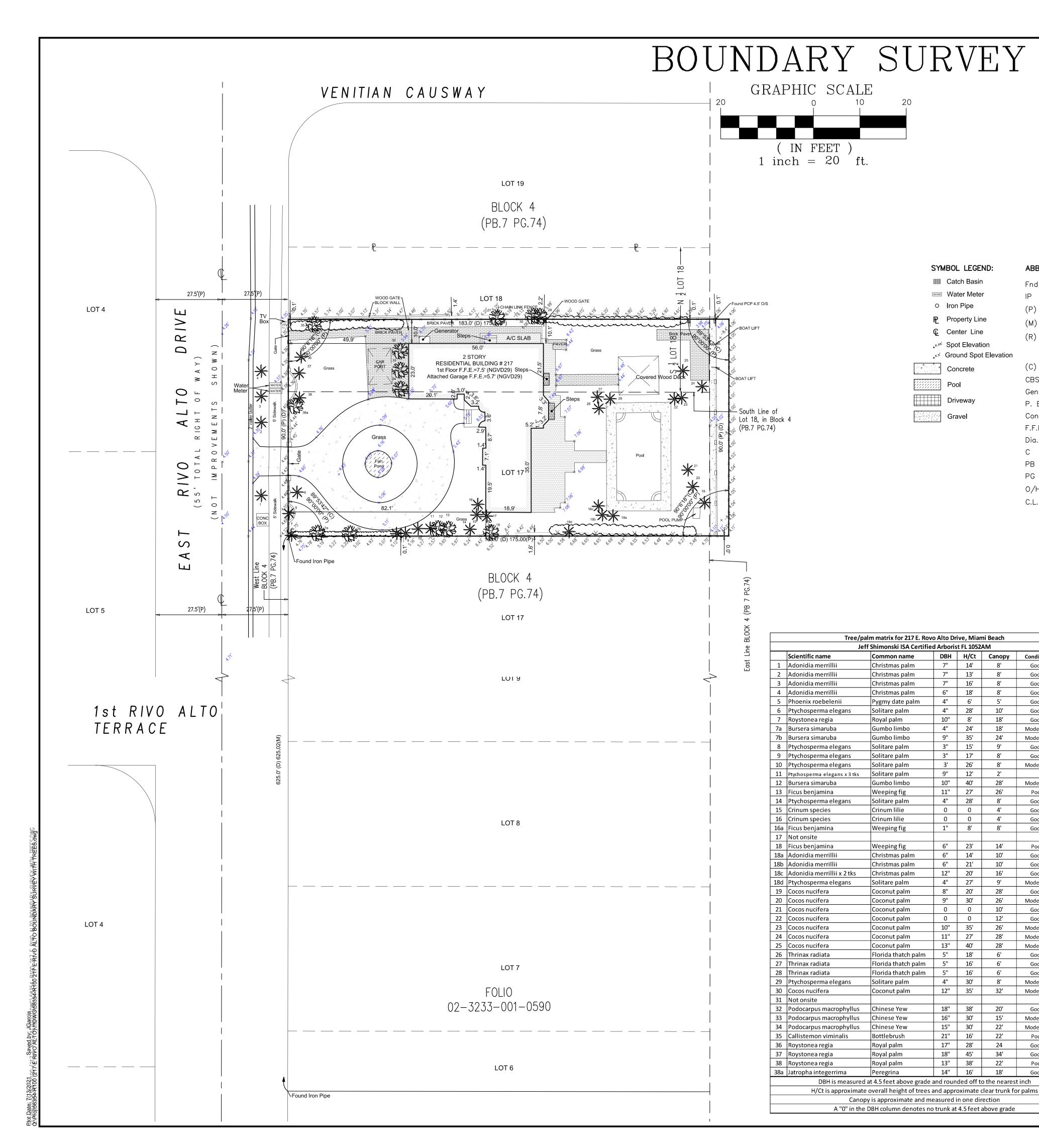
NO. SUBMITTAL DATE 1 FINAL SUBMITTAL 09-03-21

DRAWING

LOCATION AND INDEX DRAWINGS

SEAL SCALE AS SHOWN DWN OV REVIEWED PROJECT 2021-18

SHEET NO.: A-00-1





LOCATION MAP Not to Scale

A portion of Section 33 Township 53 South Range 42 East Miami-Dade County Florida.

LEGAL DESCRIPTION:

SYMBOL LEGEND:

WATER Water Meter

P Property Line

Center Line

*** Spot Elevation

DBH | H/Ct | Canopy | Condition | TPZ

Good

Good

Good

Good

Moderate

Moderate

Good

Good

Moderate

Moderate_

Poor

Good

Good

Good

Moderate

Good

Good

Moderate_

Moderate

Moderate

Good

Moderate

Moderate

Moderate

Moderate

Poor

Good

Good

7" | 14' | 8' | Good |

7" | 13' | 8' | Good

7" | 16' | 8' |

6" | 18' | 8' |

4" | 6' | 5' |

4" 28' 10'

10" | 8' | 18' |

4" | 24' | 18' |

9" | 35' | 24'

3" | 17' | 8' |

3' 26' 8'

10" 40' 28'

11" | 27' | 26' |

0 0 4'

6" | 23' | 14' |

8" 20' 28'

9" | 30' | 26' |

0 | 0 | 10' |

0 | 0 | 12' |

11" 27' 28'

13" | 40' | 28' |

4" | 30' | 8' |

12" | 35' | 32' |

18" | 38' | 20' |

16" | 30' | 15' |

17" | 28' | 24 |

18" | 45' | 34' |

22'

13" | 38' | 22' | Poor

| 14" | 16' | 18' | Good | 4'

10" | 35' | 26'

5" | 16' |

5" | 16' |

15" | 30' |

21" | 16' |

4" 28' 8' Good

0 0 4' Good

6" 14' 10' Good

6" | 21' | 10' | Good

12" | 20' | 16' | Good

4" 27' 9' Moderate

3" | 15' | 9'

9" | 12' | 2'

ABBREVIATIONS:

Plat Dimension

Measure Dimension

based on recorded Plat

Concrete Block Structure

Calculated Dimension

Finish Floor Elevation

Record Dimension

Pool Equipment

Building Overhang Chain Link Fence

> Lot 17 and the South 1/2 of Lot 18, and the 8 foot strip of land contiguous to the easterly boundary of lot 17 and the South half of lot 18, lying between the Easterly extension of the North boundary line of the South half of Lot 18 and the extension of the South boundary line of Lot 17, all in Block 4, RIVO ALTO, according to the Plat therof, as recorded in Plat Book 7, Page 74, of the Public Records of Miami-Dade County Florida.

SURVEYOR'S NOTES:

The legal description is based on the Miami-Dade County Property Appraiser's Property Information Map for Tax Folio No. 02-3233-001-0660 and the WARRANTY DEED recorded in Official Records Book 18642-1833. Said information was provided by the client as evidenced thereon. No title search has been conducted by the Surveyor. There are no easements or setback restriction neither noted on the face of the said PLAT OF RIVO ALTO, recorded in Plat Book 7, at Page 74 nor is there any other plottable restriction noted thereon. A note of the face of said plat state that no property is being dedicate to the public. There may exist additional easements, rights of way and/or other encumbrances affecting the subject property other than those shown and not disclosed hereon that a title report would evidence. Noting: the legal description as it appear on locations with the appropriate utility provider before using the above mentioned Warranty Deed called for Lot 17 and the South 1/2 of Lot 18, and the 8 foot strip of land contiguous to the easterly boundary of lot 17 and the South half half of Lot 18 and the extension of the South boundary line of Lot 17, all in Block 4, RIVO ALTO, according to the Plat therof, as recorded in Plat Book 7, Page 74, of the INLAND No. 1 Venetian Islands.

Right of Way as shown is based on the recorded PLAT OF RIVO ALTO and the record Right-of-Way, Ingress or Egress are shown on this survey drawing. However, this survey does not purport to reflect any recorded instruments or Right-of-Way other than shown on the recorded plat or stated in the legal description, as it appears on this drawing. As noted on the face of said "PLAT OF RIVO ALTO" the roadways as depicted were not dedicated to the Public by plat. Noting however, the Miami-Dade County Property Appraiser's Property Search Summary Report for Tax Folio No. 02-3233-001-0660, that all of RIVO ALTO INLAND No. 1, not included in the Lots and Blocks, less survey and sketch's positional accuracy value occupies 1/20" on the display. Venetian Causeway is owned by the City of Miami Beach.

This SKETCH OF BOUNDARY SURVEY does not represent a Mean High Water Line Miami-Dade County, Florida, unless otherwise indicated. Survey as defined under Chapter 5J-17.050(g) Florida Administrative Code nor does this Survey purport to determine the nature and/or limit of ownership interests to the submerged lands adjacent to the subject property. The subject parcel lies adjacent to a tidally influenced navigable waterway, indicated on the said the "PLAT OF RIVO ALTO", recorded in Plat Book 7 at Page 74 of the Public Records of Miami-Dade County, Florida. The "Apparent Shore Line" as shown hereon is represented by the wet face of the existing seawall and not necessarily the "Safe Upland Line" as defined in said code. Line Survey.

The accuracy obtained for all horizontal control measurements, based on a 95% confidence level and office calculations of closed geometric figures, verified by redundant measurements, meets or exceeds the Standards Requirements for General Survey, Maps and Report Content as set forth by the Florida Board of Professional E.R. BROWNELL & ASSOCIATES, INC. Surveyors and Mapper as contained in Chapter 5J-17.051 Florida Administrative Code Certificate of Authorization LB 761 (FAC); a commonly accepted value in the Construction and Surveying industry equivalent to a linear standard closure of 1 foot in 7,500 feet for Suburban Areas.

This "SKETCH OF BOUNDARY SURVEY" is based on: (i) recovered monumentation; (ii) the underlying "PLAT OF RIVO ALTO" noted hereon as RIVO ALTO INLAND, (iial i) and the legal description as shown on the WARRANTY DEED recorded in Official Records Book 18642-1833.

A comparison between measured (M), plat (P), and calculated (C) dimensions are delineated hereon. Measured dimensions (M) are based direct and indirect measurement of the recovered monumentation. Platted dimensions (P) are based on the plat of said PLAT OF RIVO ALTO recorded in Plat Book 7 at Page 74 of the Public Records of Miami-Dade County, Florida. Calculated dimensions (C) are a protraction based on the recorded PLAT OF RIVO ALTO and field measurements.

Elevations are referred to the National Geodetic Vertical Datum. 1929 (NGVD29) Elevations are based on Miami-Dade County Benchmark D-170R, the same being a PK nail and brass washer in concrete sidewalk at Southwest corner of the bridge located at the intersection between Venetian CSWY & Dilido island elevation, 7.80 feet.

The subject property does lie within a Special Flood Hazard Area (SFHA) as defined by the Federal Emergency Management Agency. The National Flood Insurance Rate Map for Dade County, Florida, and Incorporated Areas No. 12086C0317 L, Community No. 120651 City of Miami Beach, bearing an effective and revised date of September 11, 2009, delineates the herein described land to be situated within Zone "AE", where the Base Flood Elevation, the same being the water surface elevation of the 1% annual chance flood, was determined to be Elevation 10 feet (NGVD29).

Only the surface indications of the underground utilities have been located in the field. The location of underground utility lines on or adjacent to the property was not secured. There were no utility plans provided by the utility companies or by the client nor were there any utility markings noted in the field. The Surveyor has performed no subsurface investigation or determined the location of underground footers. It should be noted that there may be other underground utilities in addition to those evidenced by visible appurtenances shown on this sketch. The owner or his agent should verify all utility

No encroachments were noted by this survey, except as shown hereon. The ownership of lot 18, lying between the Easterly extension of the North boundary line of the South of the fences and/or walls as shown hereon was not determined. Fences and walls locations as shown are referred to the calculated location based on recovered monumentation and the underlying plat. No improvements neither along the Right of Public Records of Miami-Dade County Florida. Note: The inland as shown on the Way nor within the limits of the property or adjoining the Biscayne Bay, are shown location Map on the face of said "PLAT OF RIVO ALTO" is being called RIVO ALTO hereon, excepting the seawall and the existing fences and walls running along the property lines. Note: Recovered Monumentation does not match the underlying plat.

The Subject Property as described herein including the 8 foot strip of land on the description. Any notorious evidence of occupation and/or use of the described parcel for westerly boundary facing the Biscayne Bay contains 16,470 square feet more or less (0.38 acres more or less) by calculation based on the recorded plat.

> This Boundary Survey shown hereon in its graphic form is the record depiction of the surveyed lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital format of this Survey. This map is intended to be displayed at a scale of 1"=20' or smaller. At the maximum intended displayed scale the

Note: All of the recording information contained herein refers to the Public Records of

SURVEYOR'S CERTIFICATION:

TO: Ramindesing IIc and Capitol Investments IIc

This is to certify to the herein named firm and/or persons, that in my professional opinion, this map or plat of the herein described property is true and correct as recently There may be additional survey requirements necessary to address additional surveyed and platted under my direction. I further certify that this map or plat and the jurisdictional requirements for the permitting process in addition to a Mean High Water survey on which it is based meets the Standards of Practice, adopted by the Board of Professional Surveyors and Mappers, pursuant to Chapter 472.027 Florida Statutes, as set forth in Chapter 5J-17, Florida Administrative Code, under Sections 5J-17.051 and 5J-17.052 and is a "BOUNDARY SURVEY" as defined in Section 5J-17.050(2).

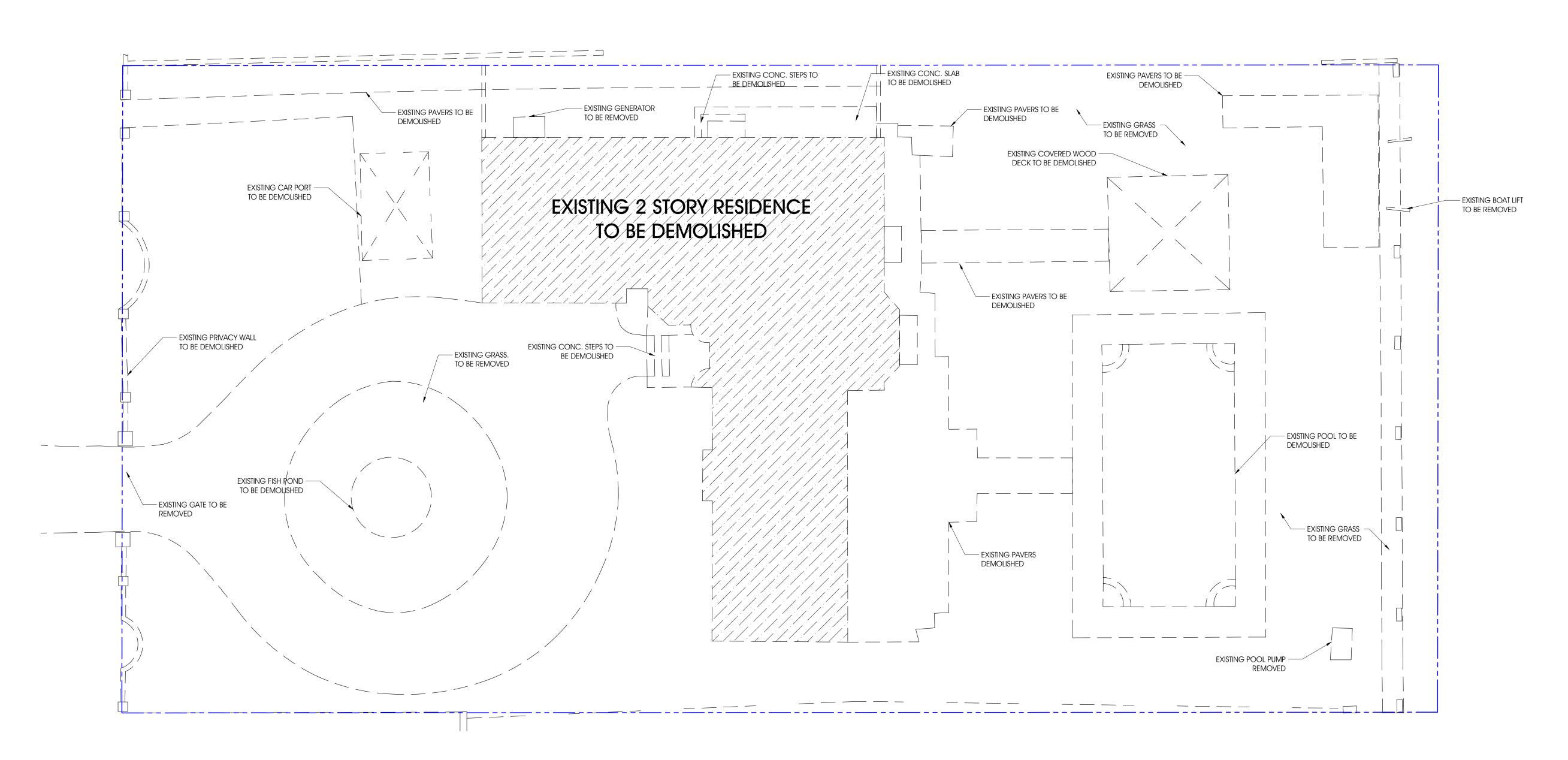
Date: 07/02/21 (Revised as noted)

The survey map and notes and/or report has been electronically signed and sealed by Thomas Brownell, Professional Land Surveyor #2891, State of Florida using a Digital Signature and Date pursuant to Chapter 5J-17, Florida Administrative Code, under Section 5J-17.062. The "Digital Date" may not reflect the date of survey or the latest revision date. Printed copies of this document are not considered signed and sealed and the Digital Signature and Seal must be verified on any electronic copies.

ciate

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Sheet: 1 OF 1 58354 Sk. No. LS-3387





DEMOLITION LEGEND	
	EXISTING UNIT TO BE DEMOLISHED
	EXISTING ITEM TO BE REMOVED OR DEMOLISHED

VARABYEU DESIGN

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Phase: DRB FINAL SUBMITTAL

NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-21

DRAWING DEMOLITION PLAN

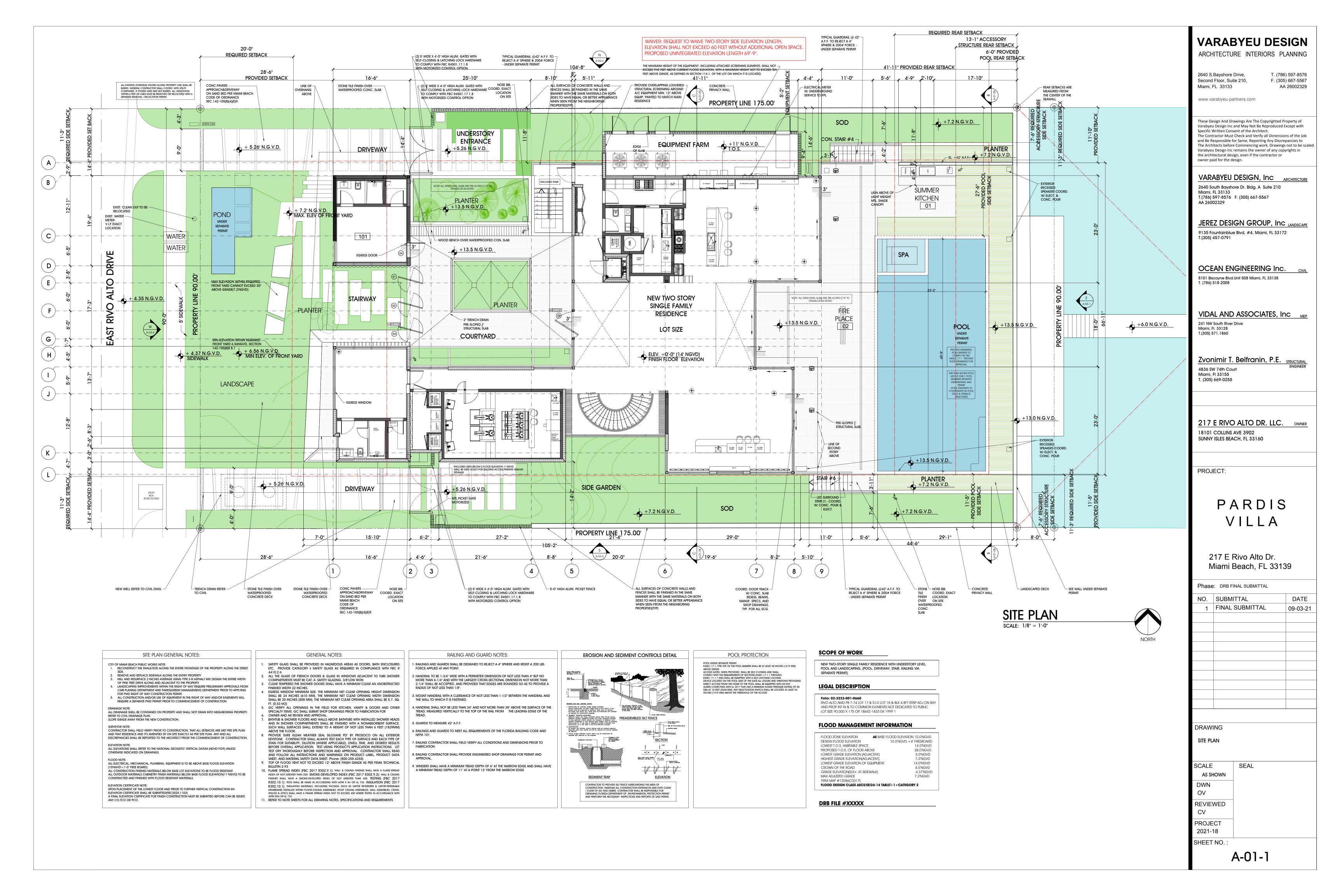
SCALE

AS SHOWN DWN REVIEWED

PROJECT

2021-18 SHEET NO.:

A-00-3



TEM #	ZONING INFORMATION				
1	ADDRESS AND LEGAL DESCRIPTION 217 E Rivo Alto Dr. Miami Beach, FL 33139				
		RIVO ALTO AMD PB 7-74 LOT 17 & 3 8FT STRIP ADJ ON BAY AND PROP IN ELEMENTS NOT DEDICATED TO PUBL 175 OR 18642-1833 04 1999 1	IT IN & TO COMMON		
2	FOLIO NUMBER	02-3233-001-0660			
3	BOARD AND FILE NUMBER	N/A			
4	YEAR BUILT	1936	ZONING DISTRICT		RS-3
5	BASE FLOOD ELEVATION	10' N.G.V.D.	GRADE VALUE IN N.G.V.D.		4.37 ′ N.G.V.D.
6	ADJUSTED GRADE (FLOOD + GRADE /2)	10'+4'=14 N.G.V.D.	FREEBOARD 1' TO 5'		14" N.G.V.D.
7	LOT AREA	15,750 SF			
8	PROPERTY WIDTH	90′-0"	PROPERTY DEPTH		175′-0"
9	MAX LOT COVERAGE SF AND %	4,735 SF (30%) MAX	PROPOSED LOT COVERAGE	SF AND %	4,719(29.9%)
10	EXISTING LOT COVERAGE SF AND %	2,100(approximately)	LOT COVERAGE DEDUCTED	(GARAGE) SF AND %	598 SF
11	FRONT YARD OPEN SPACE SF AND %	90FTx20FTx 70 % = 1,260 SF MIN PROVIDED1261 SF	REAR YARD OPEN SPACE SF	AND %	26.25FTX90 SFT x 70 % = 1,654 MI PROVIDED 1,655 SF (70%)
12	MAX UNIT SIZE SF AND %	7,875 SF (50%)MAX	PROPOSED UNIT SIZE SF AND) %	7,721 SF (49%)
13	EXISTING FIRST FLOOR UNIT SIZE		PROPOSED FIRST FLOOR UN	IIT SIZE	4.316 SF
			PROPOSED FIRST FLOOR UN	IIT SIZE VOLUMETRIC	
14			PROPOSED SECOND FLOOR AND %	NIT SIZE VOLUMETRIC UNIT SIZE SF	
15			PROPOSED SECOND FLOOR	? UNIT SIZE	3,321 SF
16			PROPOSED ROOF DECK = 3	3,349 x 25% = 837.25 SF MAX	714 SF (20%)
ITEM #	BUILDING INFORMATION				
1		REQUIRED	EXISTING	PROPOSED	DEFICIENCIES
17	HEIGHT	24'-0" / 28'-0" FLAT ROOF		26'-0"	
18	MAIN HOUSE SETBACKS				
19	FRONT FIRST LEVEL	20'-0"		20′-0"	
20	FRONT SECOND LEVEL	40'-0"		40'-0" (65% OF THE SECOND FI ALONG THE FRONT IS PUSHED E	
21	INTERIOR SIDE (NORTH)			11.25′	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
22	INTERIOR SIDE (SOUTH)	LOT WIDTH (25%) MIN LOT WIDTH 90 FT x 0.25= 22.5		11.25′	
23	SUM OF SIDE YARD			22.5′	
24	REAR	15% OF LENGTH =26.25' 20'-0" MIN - 50'-0" MAX		32.5' (18.5% OF THE LENGTH)	
25	ACCESSORY STRUCTURE	1 22 2 20 0		1	1
26	SIDE (NORTH)	7.5′		29'-5"	
27	SIDE (SOUTH)	7.5′		16'-2	
28	REAR	26.25X50%		13.125′	

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FLOOD MANAGEMENT INFORMATION

FLOOD ZONE ELEVATION AE BAS	e flood elevation 10.0'ngvd
DESIGN FLOOD ELEVATION	10.0'NGVD $+4$ ' FREEBOARD
LOWEST T.O.S. HABITABLE SPACE	14.0'NGVD
PROPOSED T.O.S. OF FLOOR ABOVE	28.0'NGVD
LOWEST GRADE ELEVATION (ADJACENT)	5.0'NGVD
HIGHEST GRADE ELEVATION(ADJACENT)	7.2'NGVD
LOWEST GRADE ELEVATION OF EQUIPMEN	T 14.0'NGVD
CROWN OF THE ROAD	4.5'NGVD
GRADE ELEVATION(ELEV. AT SIDEWALK)	4.37'NGVD
MAX ADJUSTED GRADE	7.2'NGVD
FIRM MAP #12086C0317L	

FLOOD DESIGN CLASS ASCE/SEI24-14 TABLE1-1+CATEGORY 2

DRB FILE # DRB21-0690 217 E Rivo Alto

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DRAWING

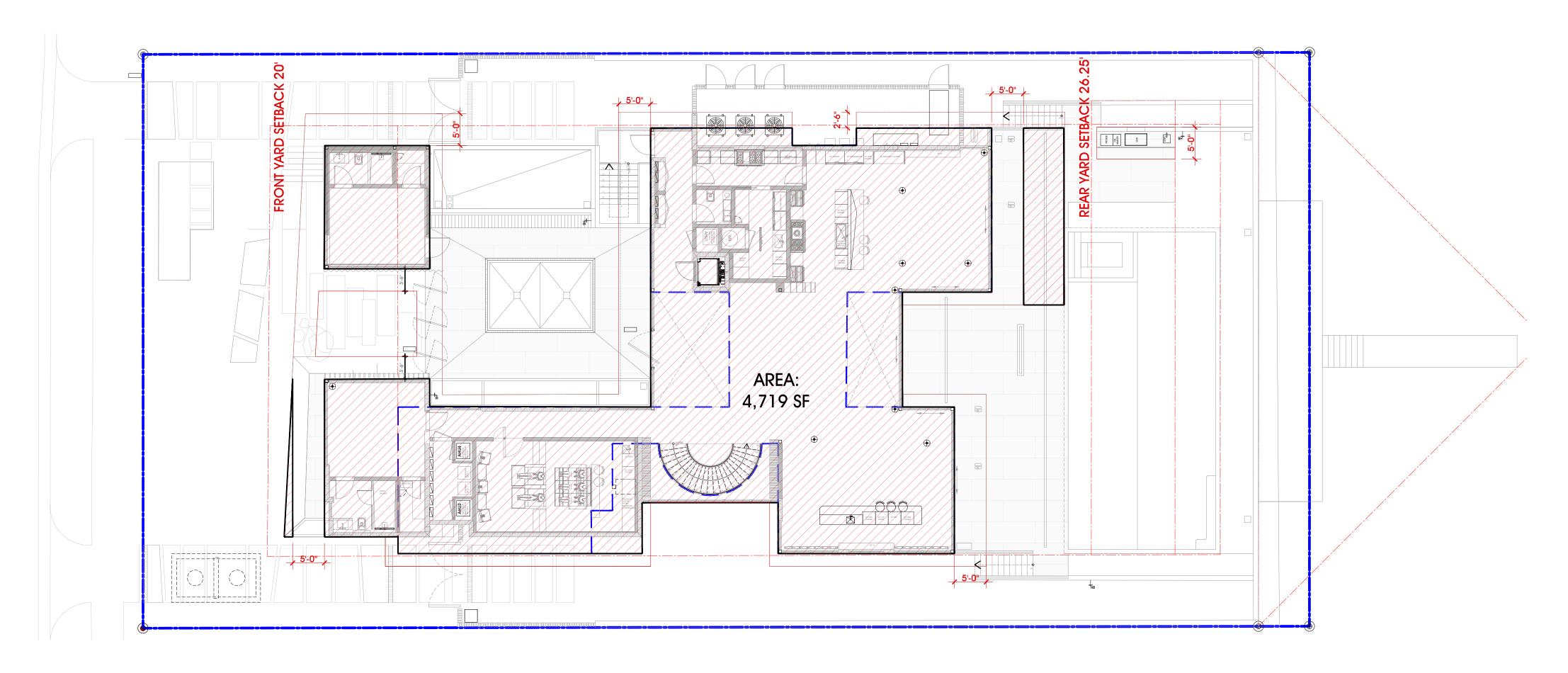
ZONING DATA

SCALE AS SHOWN DWN

OV REVIEWED CV

CV PROJECT 2021-18

SHEET NO.:

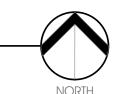




LOT COVERAGE CALCULATIONS

CODE: MAX LOT COVERAGE FOR TWO STORY STRUCTURE: 30% MAX LOT AREA = 15,750 SF

15,750 SF x 0.30 = 4,735 SF MAXPROPOSED LOT COVERAGE AREA = 4,719(29.9%) LOT COVERAGE SCALE: 1/8" = 1'-0"



VARABYEU DESIGN

ARCHITECTURE INTERIORS PLANNING

2640 S.Bayshore Drive, Second Floor, Suite 210, T. (786) 597-8576 F. (305) 667-5567 Miami, FL 33133 AA 26002329

www.varabyeu-partners.com

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VIDAL AND ASSOCIATES, Inc MEP

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Zvonimir T. Belfranin, P.E. STRUCTURAL ENGINEER

4836 SW 74th Court Miami, FI 33155 T. (305) 669-0255

217 E RIVO ALTO DR. LLC. OWNER

18101 COLLINS AVE 3902 SUNNY ISLES BEACH, FL 33160

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

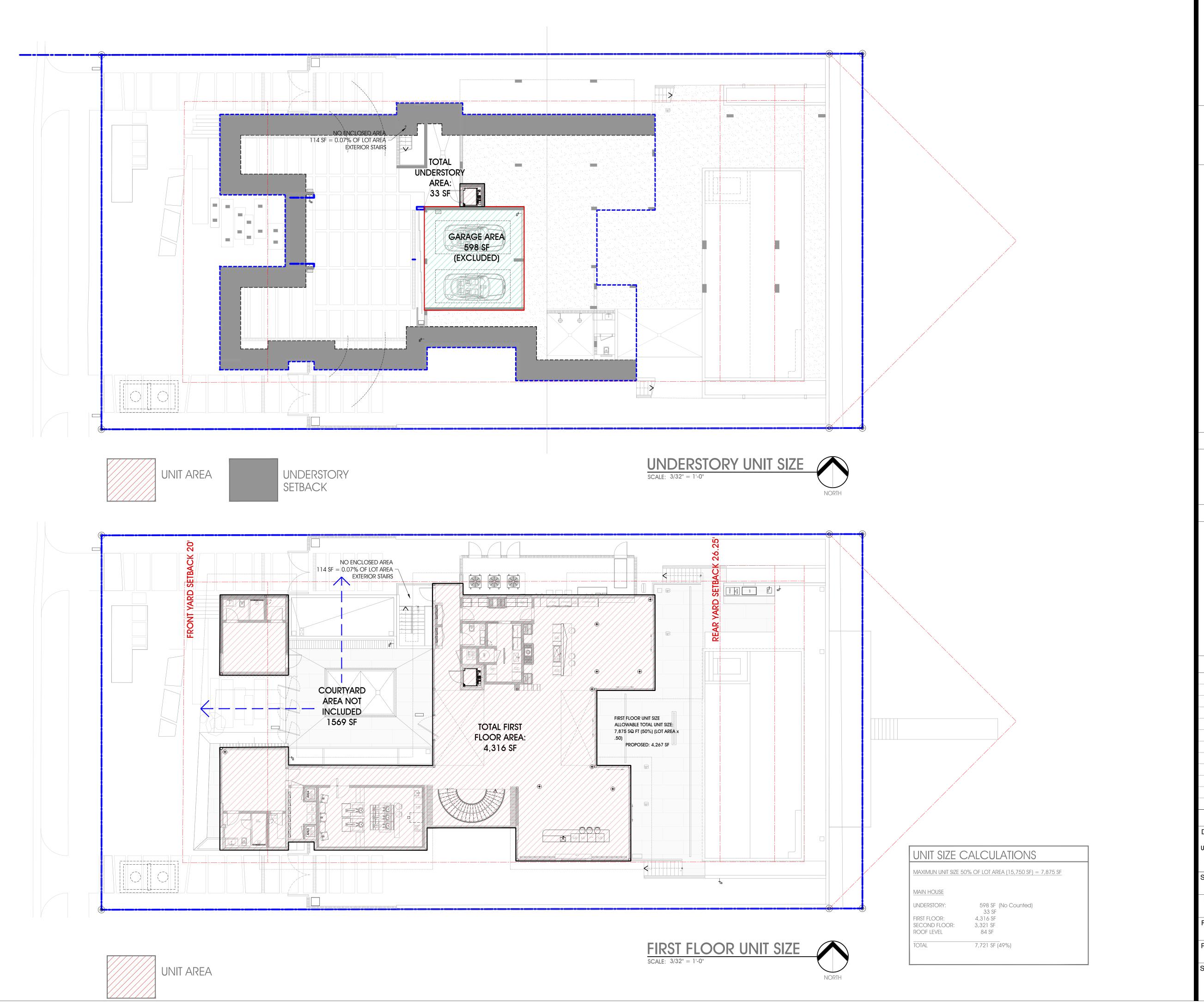
Phase: DRB FINAL SUBMITTAL

NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-21

DRAWING LOT COVERAGE DIAGRAM

CALE AS SHOWN	SEAL
DWN	
VC	
EVIEWED	
ROJECT	

SHEET NO. :



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Phase: DRB FINAL SUBMITTAL

NO. SUBMITTAL DATE

1 FINAL SUBMITTAL 09-03-21

DRAWING

UNIT SIZE DIAGRAM

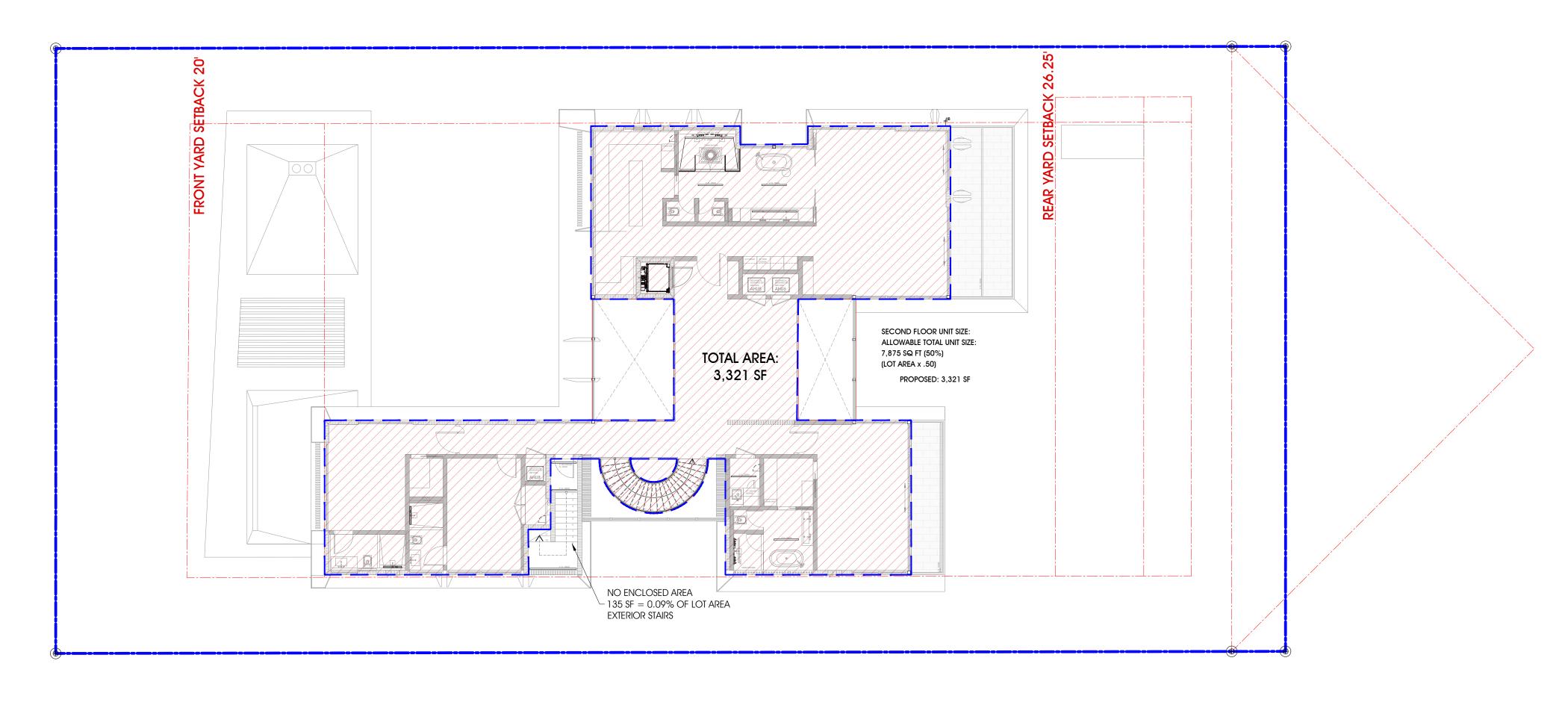
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AS SHOWN

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REVIEWED
CV

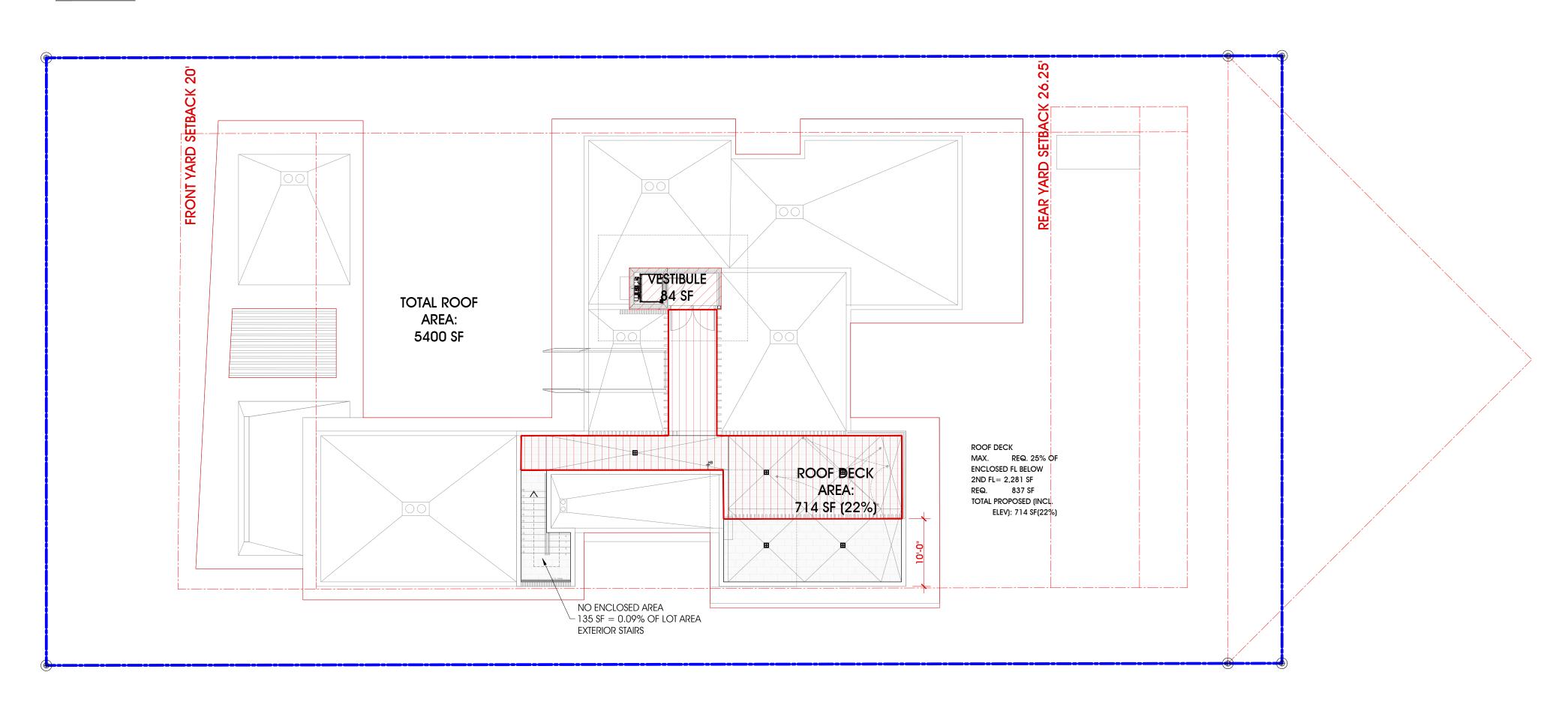
PROJECT
2021-18

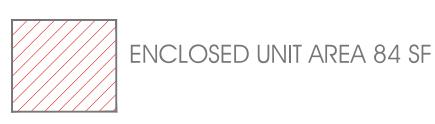
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NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-21

DRAWING

UNIT SIZE DIAGRAM

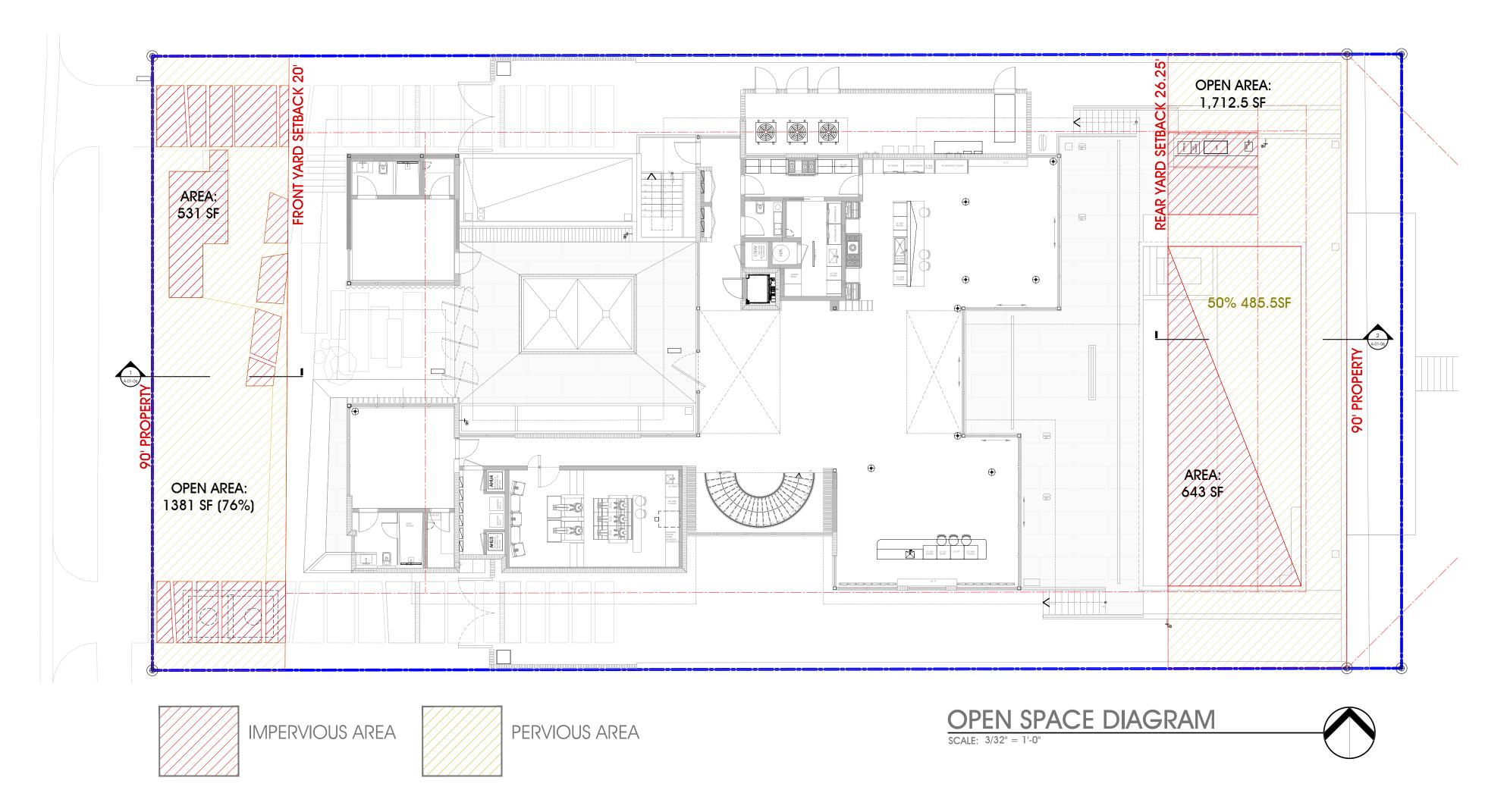
SCALE
AS SHOWN

DWN
OV

REVIEWED
CV

PROJECT 2021-18

2021-18 SHEET NO. :



FRONT YARD CALCULATIONS (MIN. 50% OPEN SPACE)	
AREA:	1,800 SF
IMPERVIOUS AREA:	531 SF
PERVIOUS AREA:	1,381 SF (76%)

PERVIOUS AREA:	1,715.5 SF (72.5%)
IMPERVIOUS AREA:	643 SF
AREA:	2,363 SF
REAR YARD CALCULATIONS (MIN. 70% OPEN SPACE)	

*PER SECTION: 142.106(a)(3)

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Phase: DRB FINAL SUBMITTAL

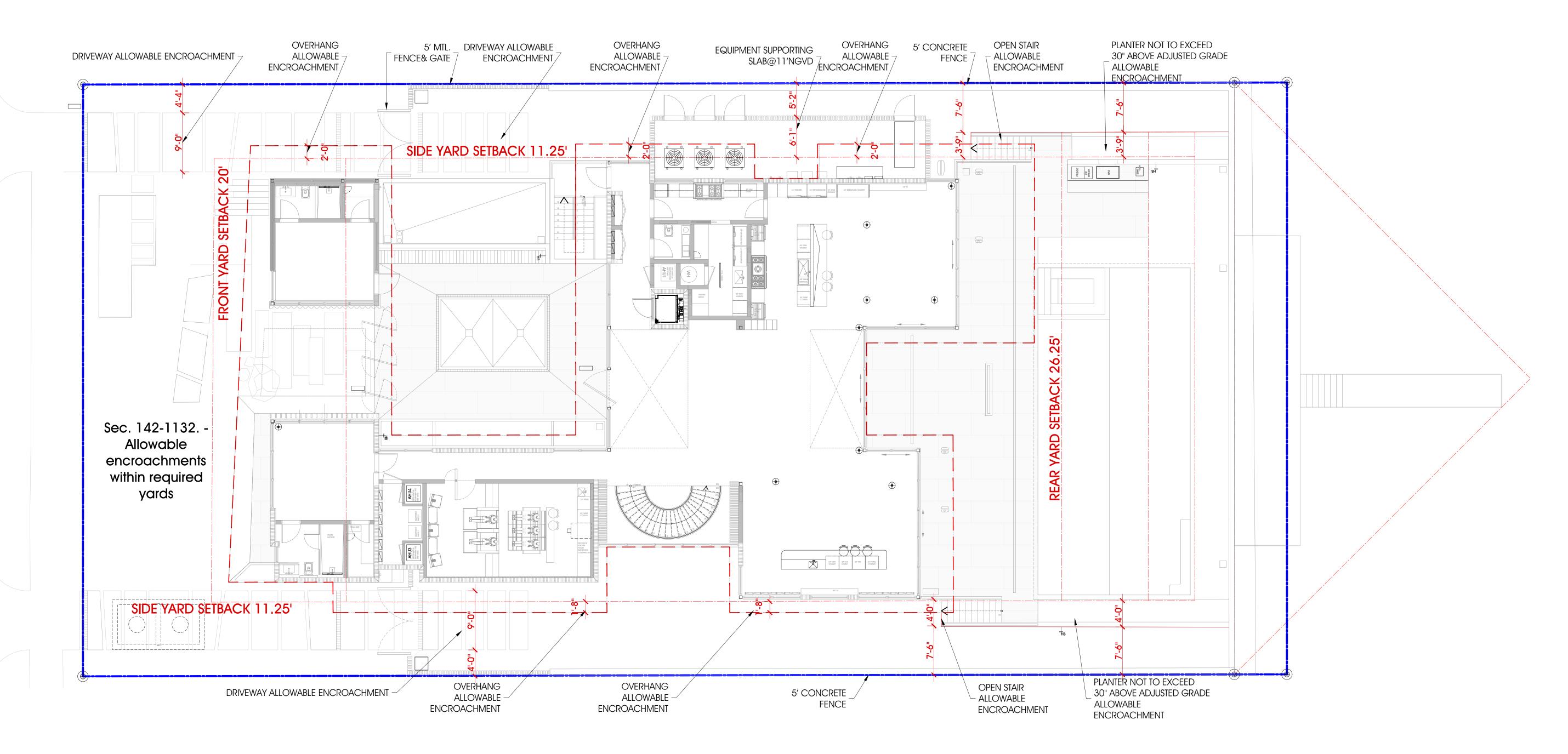
NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-2

DRAWING

OPEN SPACE DIAGRAM

SCALE	SEAL
AS SHOWN	
DWN	
OV	
REVIEWED	
CV	
PROJECT	
2021-18	

SHEET NO. :



SIDE YARD ALLOWABLE ENCROACHMENTS DIAGRAM

SCALE: 1/8" = 1'-0"

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NO.	SUBMITTAL	DATE		
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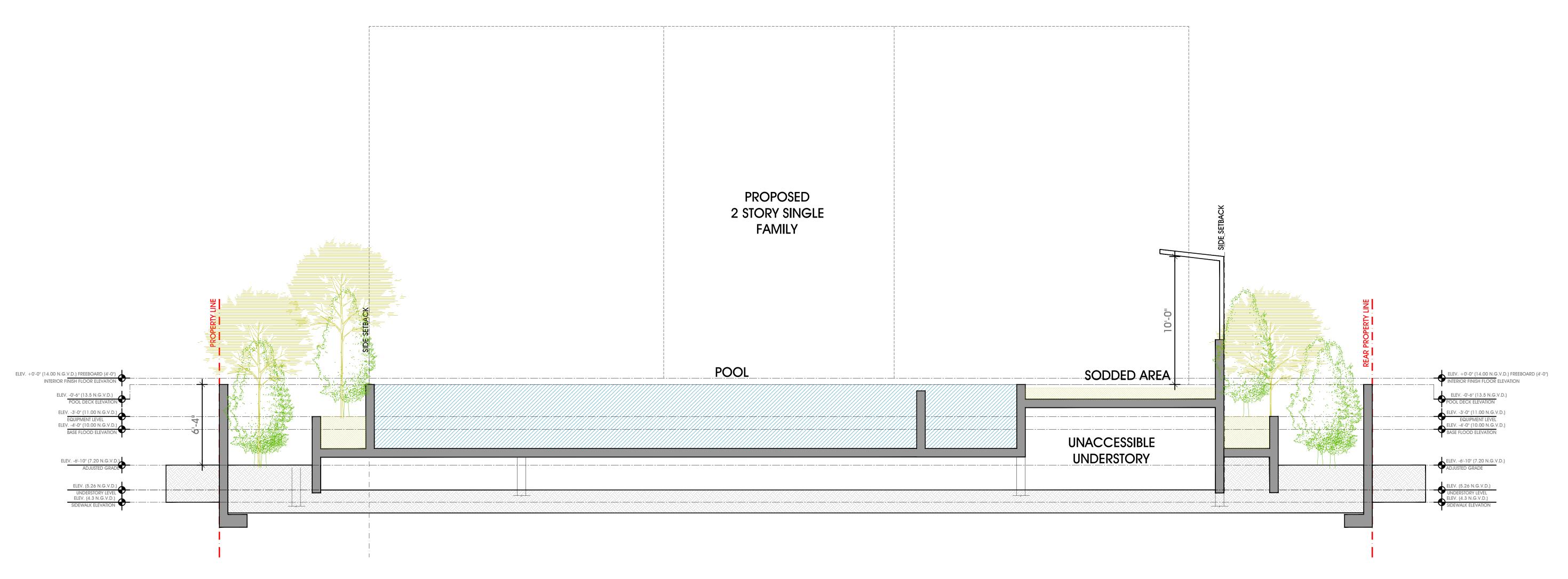
SITE SECTION A

SCALE SEAL
AS SHOWN
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OV REVIEWED CV

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SHEET NO.:



SITE SECTION B

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DATE NO. SUBMITTAL 1 FINAL SUBMITTAL 09-03-21

DRAWING

SITE SECTION B

CALE	SEAL
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REVIEWED	
CV	
PROJECT	
2021-18	

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