

**DESCRIPTION OF WORK** 

CONSTRUCTION OF A NEW 19,531 SF (LIVABLE) SINGLE FAMILY CBS RESIDENCE (2-STORY WITH UNDERSTORY). INCLUDES UNDERSTORY GARAGE + VESTIBULE, COVERED TERRACES, OPEN-AIR BALCONIES, DRIVEWAY, AND

POOL / SPA UNDER SEPARATE PERMIT.

DEMOLITION OF EXISTING 15,861 SQUARE FOOT HOUSE UNDER SEPARATE PERMIT.

Lot 19 AND Lot 20, Block 1, NAUTILUS SUBDIVISION, according to the Plat thereof, as DESCRIPTION recorded in Plat Book 8, Page 95, of the Public Records of MIAMI-DADE County, Florida. 4570 / 4580 NORTH BAY ROAD, MIAMI BEACH, FLORIDA 33140

02-3222-011-0160 + 02-3222-011-0170

CITY OF MIAMI BEACH MUNICIPALITY

ZONE AE7

DESIGN FLOOD FOR SITE EQUIPMENT = 8.00' NGVD HOUSE FFE CMB MIN.  $8.00' \text{ NGVD} + 5' \text{ FREEBOARD} = +\frac{13.00' \text{ NGVD}}{12.00' \text{ NGVD}}$ 

RS-2 RESIDENTIAL SINGLE-FAMILY

AS PER FBC 2020 SECTION 310.1 TYPE V AS PER FBC 2020 SECTION 602.5

49,689.8 SF

WIDTH @ 20' SETBACK 204'-0" EST. GRADE ESTABLISHED GRADE = 3.30' (AVERAGE SIDEWALK ELEVATION) ADJUSTED GRADE = 5.65' (1/2 DIST. btw EST. GRADE and BFE)

CMB MIN. REQ'D BFE = 8.00' LOT DEPTH 221'-5" (average) LOT COVERAGE MAXIMUM LOT COVERAGE (2-STORY) .30 x 49,689.8 SF 14,906.9 SF ALLOWED

30% PROPOSED 14,351 SF 28.9 % MAXIMUM UNIT SIZE FOR 2-STORY BUILDING .50 x 49,689.8 SF 24,844.9 SF ALLOWED 50% PROPOSED 39.4 % 19,560 SF

YARD GREENSPACE CALCULATIONS

FRONT YARD = 4038 SF

REAR YARD = 8161 SF 5713 SF (70%) 5750 SF (70.5%) REQUIRED PROVIDED PRINCIPAL FRONT SETBACK (2-STORY) 30'-0" 30'-0"

> SIDE SETBACKS = 25% OF 204'0" = 51.0' SIDE 1 20'4" MIN. 25'0" SIDE 2 27'4" 20'4" MIN. SUM = 52'4'' (25.7%)

REQUIRED

33'-3"

2827 SF (70%)

PROVIDED

33'-3"

2846 SF (70.4%)

BUILDING HEIGHT TOP OF ROOF SLAB

**BUILDING AREAS** UNDERSTORY LOBBY (A/C) 1,052 SF UNDERSTORY GARAGE (NON A/C) 1,179 SF 11,757 SF FIRST FLOOR (A/C) 6,432 SF SECOND FLOOR (A/C)

REAR SETBACK = 15% OF 221'-5"

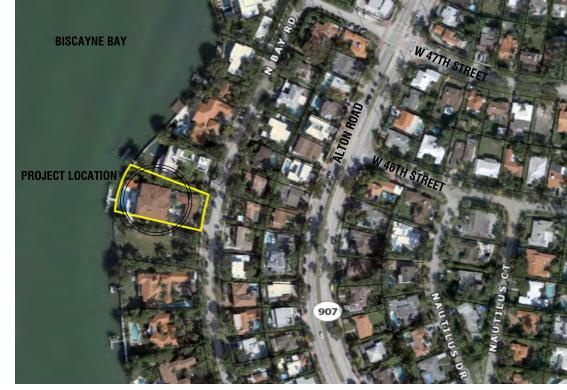
19,531 SF TOTAL A/C (LIVABLE) 20,420 SF TOTAL A/C + NON-A/C

SWIMMING POOL(S) + WATER FEATURE(S) UNDER SEPARATE PERMIT. ALL WORK, MATERIALS TO BE RETAINED INSIDE PRIVATE PROPERTY. ALL MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT TO BE

ELEVATED AT OR ABOVE D.F.E. +8.00' BFE ALL <u>NEW</u> CONSTRUCTION MATERIALS BELOW BFE SHALL BE FLOOD

RESISTANT ACCORDING TO FEMA TB 2-2008.

1 WAIVER REQUEST 60' 2-STORY LENGTH LIMIT ALONG NORTH PROPERTY LINE \*WAIVER REQUEST\* SEE PAGE A107



**LOCATION PLAN** 



ISSUED 2022 01 03



Planning Department, 1700 Convention Center Drive Miami Beach, Florida 33139, www.miamibeachfl.gov 305.673.7550

### SINGLE FAMILY RESIDENTIAL - ZONING DATA SHEET

ITEM #	Zoning Information						
1	Address:	4570 - 4580 North Bay Road					
2	Folio number(s):	02-3222-011-0160 + 02-3222-011-0170					
3	Board and file numbers :	DRB21-0771					
4	Year built:	2007	Zoning District:	RS-2			
5	Based Flood Elevation:	AE 7.00 (CMB min. = 8)	Grade value in NGVD:	3.30' NGVD			
5	Adjusted grade (DFE+Grade/2):	5.65' NGVD	Free board:	+5.00' NGVD			
7	Lot Area:	49,689.8 sf					
3	Lot width:	204'0"	Lot Depth:	221'5" (avg)			
9	Max Lot Coverage SF and %:	14,906.9 sf (30%)	Proposed Lot Coverage SF and %:	14,351 sf (28.9%			
10	Existing Lot Coverage SF and %:	N/A	Lot coverage deducted (garage-storage) SF:	N/A			
11	Front Yard Open Space SF and %:	2,846 sf (70.4 %)	Rear Yard Open Space SF and %:	5,750 sf (70.5%)			
12	Max Unit Size SF and %:	24,844.9 sf (50%)	Proposed Unit Size SF and %:	19,560 sf (39.4%) 11,757 sf			
13	Existing First Floor Unit Size:	N/A	Proposed First Floor Unit Size:				
14	Existing Second Floor Unit Size						
15		N/A	Proposed Second Floor Unit Size SF and %:	6,432 sf			
16			Proposed Roof Deck Area SF and % (Note: Maximum is 25% of the enclosed floor area immediately below):	N/A			

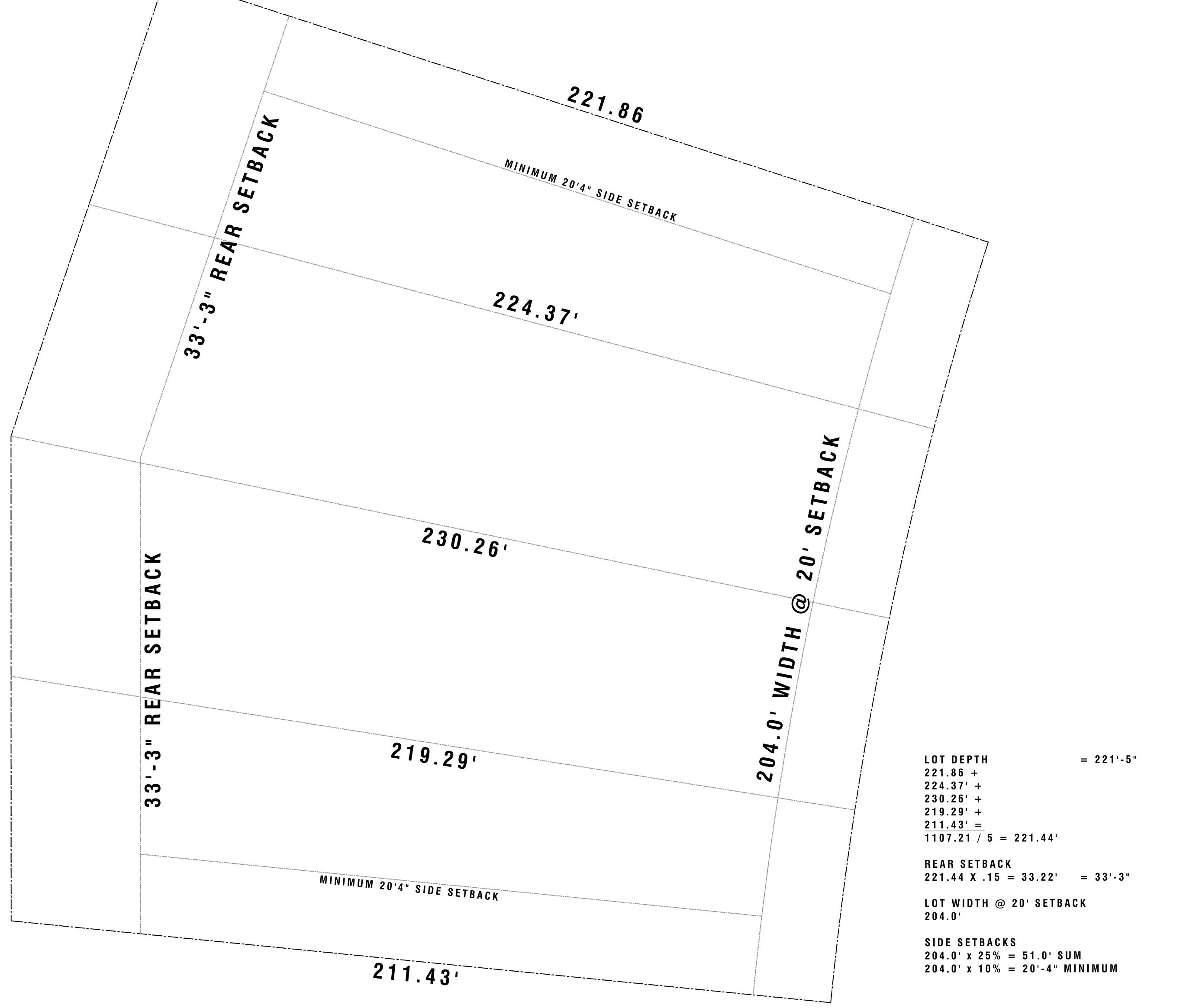
		Required	Existing	Proposed	Deficiencies
17	Height:	28'-0" RS-2		28'-0" (2-story flat)	
18	Setbacks:				
19	Front First level:	30'-0"		30'-0"	
20	Front Second level:	30'-0"		30'-0"	
21	Side 1:	20'-4" min.		25'-0"	
22	Side 2 or (facing street):	20'-4" min.		27'-4"	
23	Rear:	33'-3"		33'-3"	
	Accessory Structure Side 1:				
24	Accessory Structure Side 2 or (facing street):				
25	Accessory Structure Rear:				
26	Sum of Side yard :	51'-0" (25% lot width)		52'-4" (25.7%)	
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:

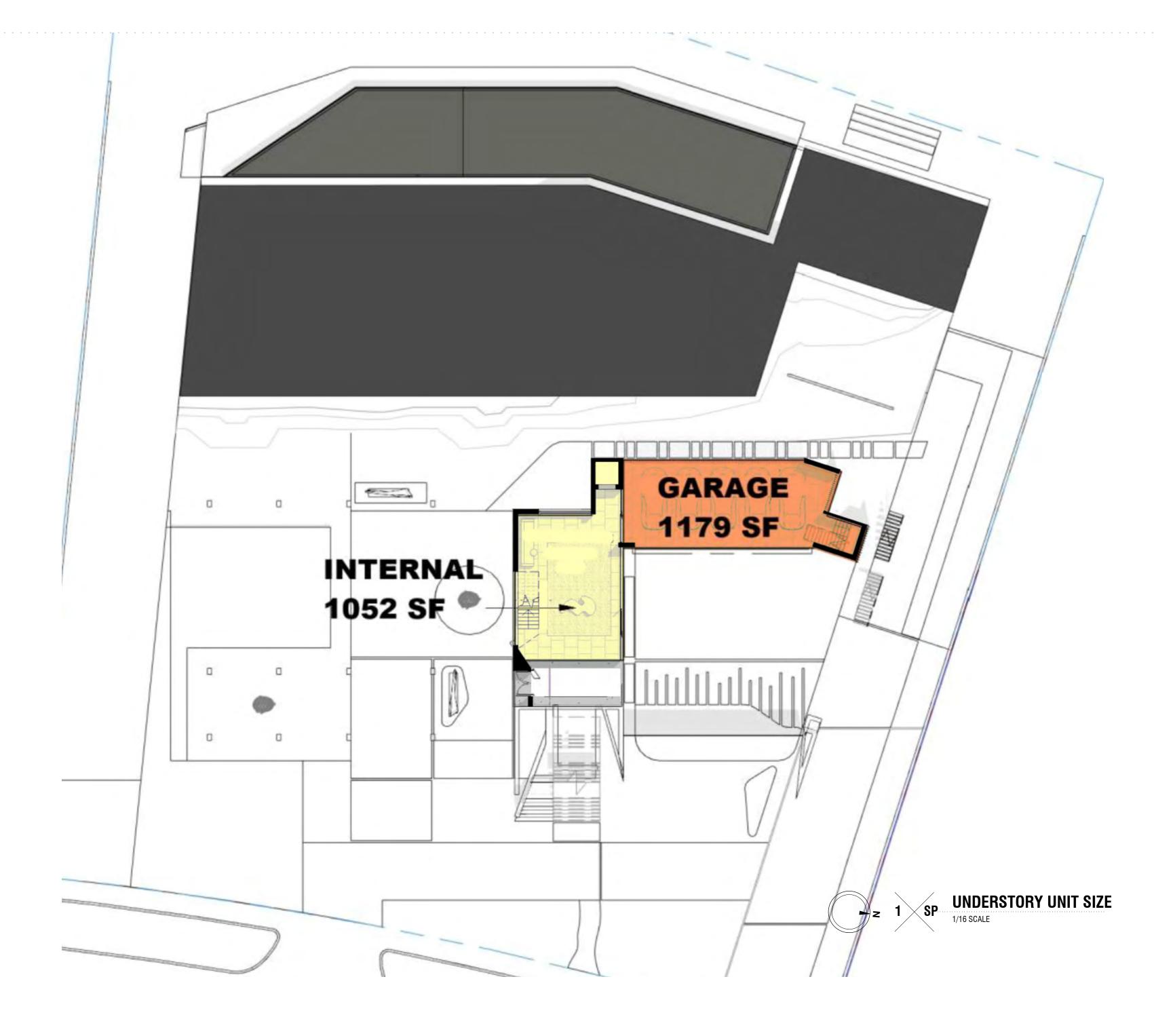
If not applicable write N/A

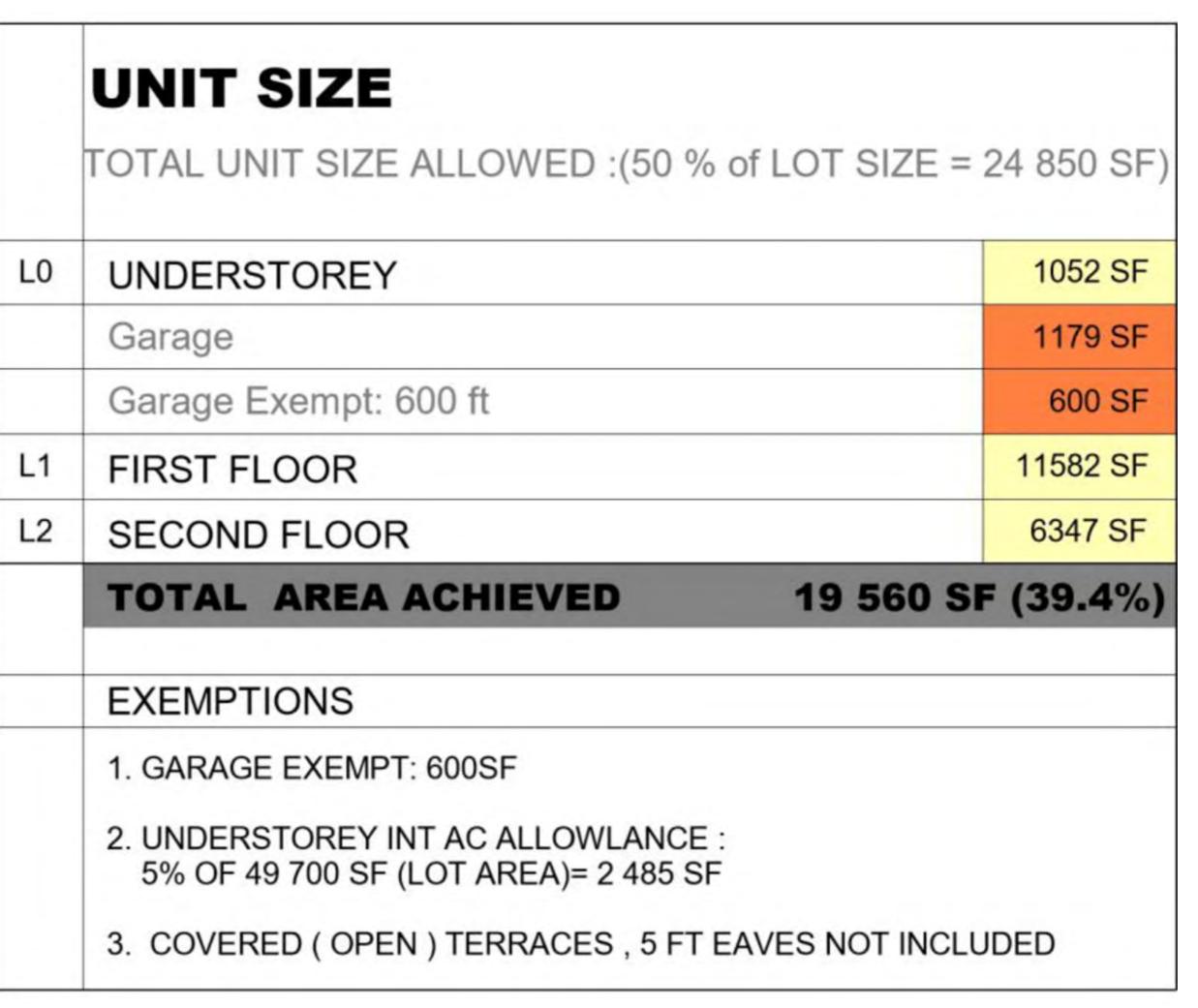
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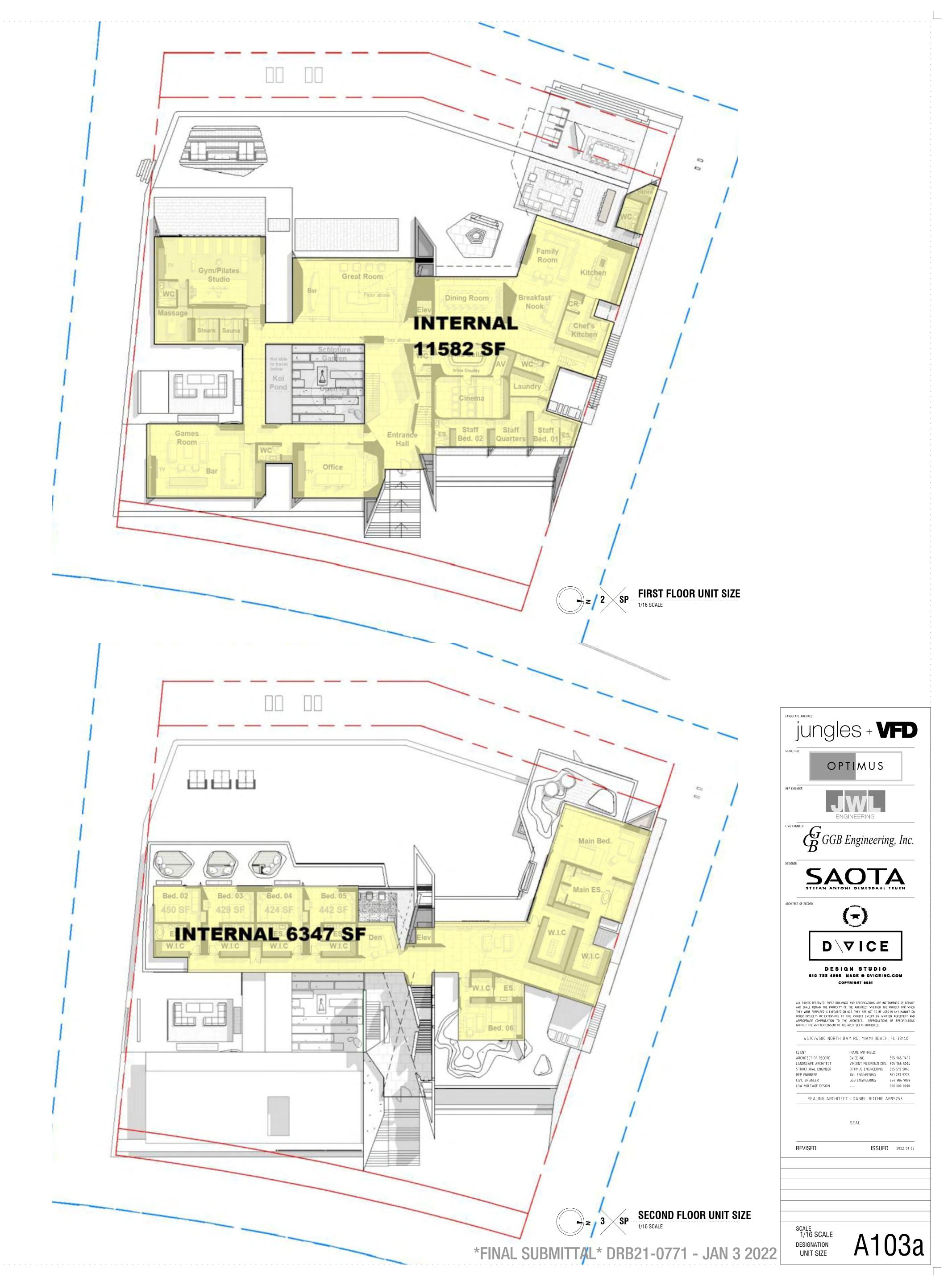


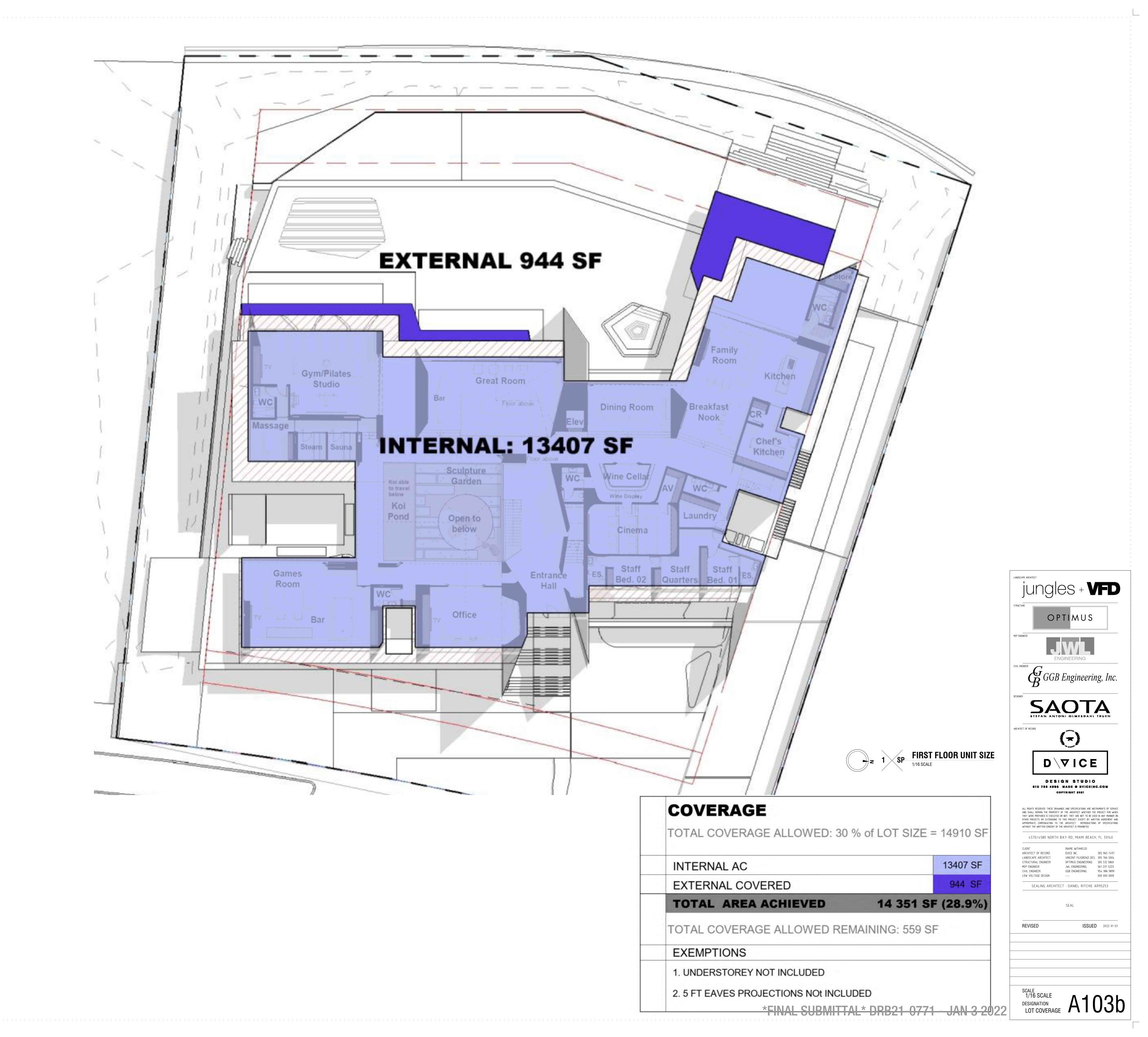


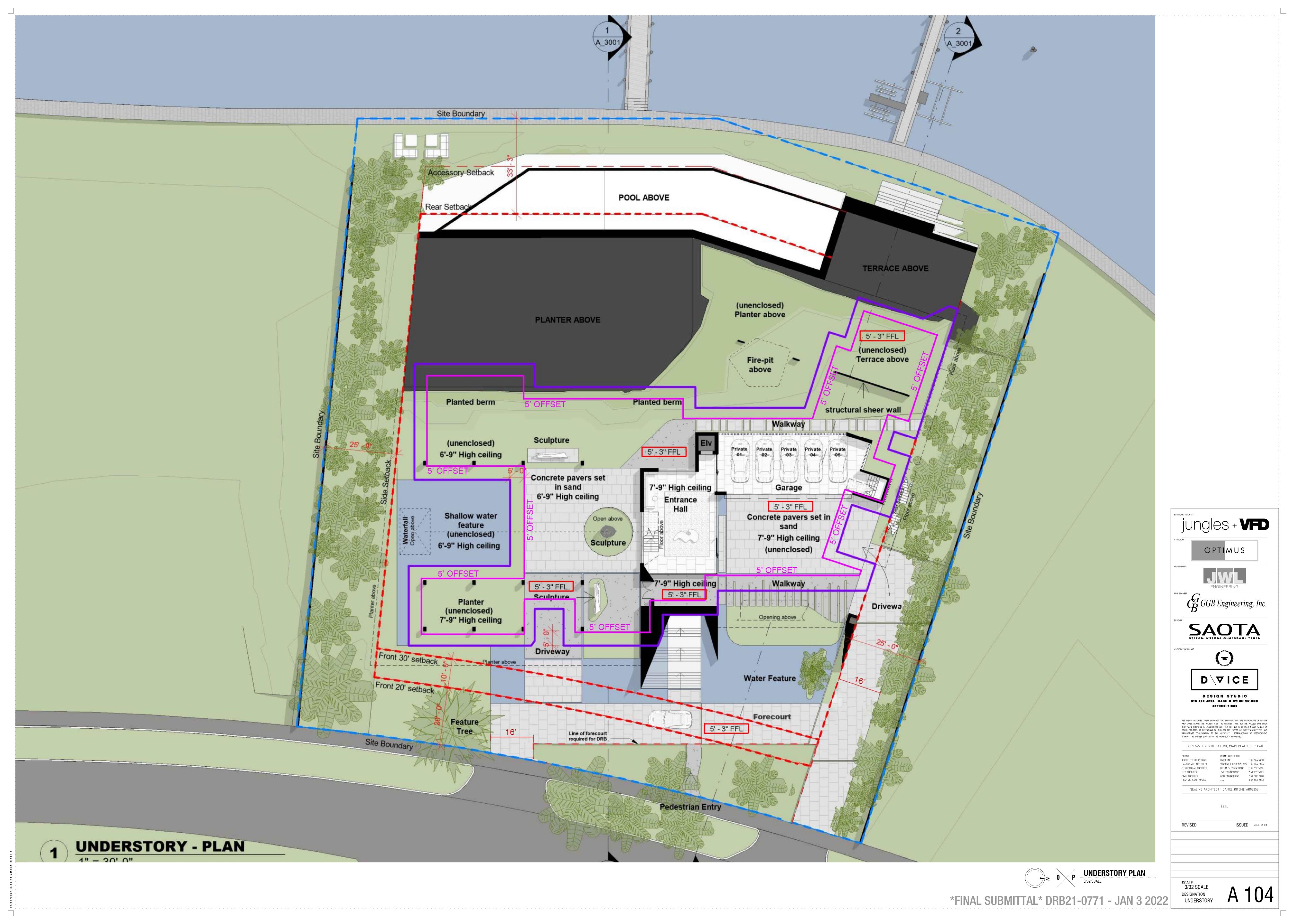


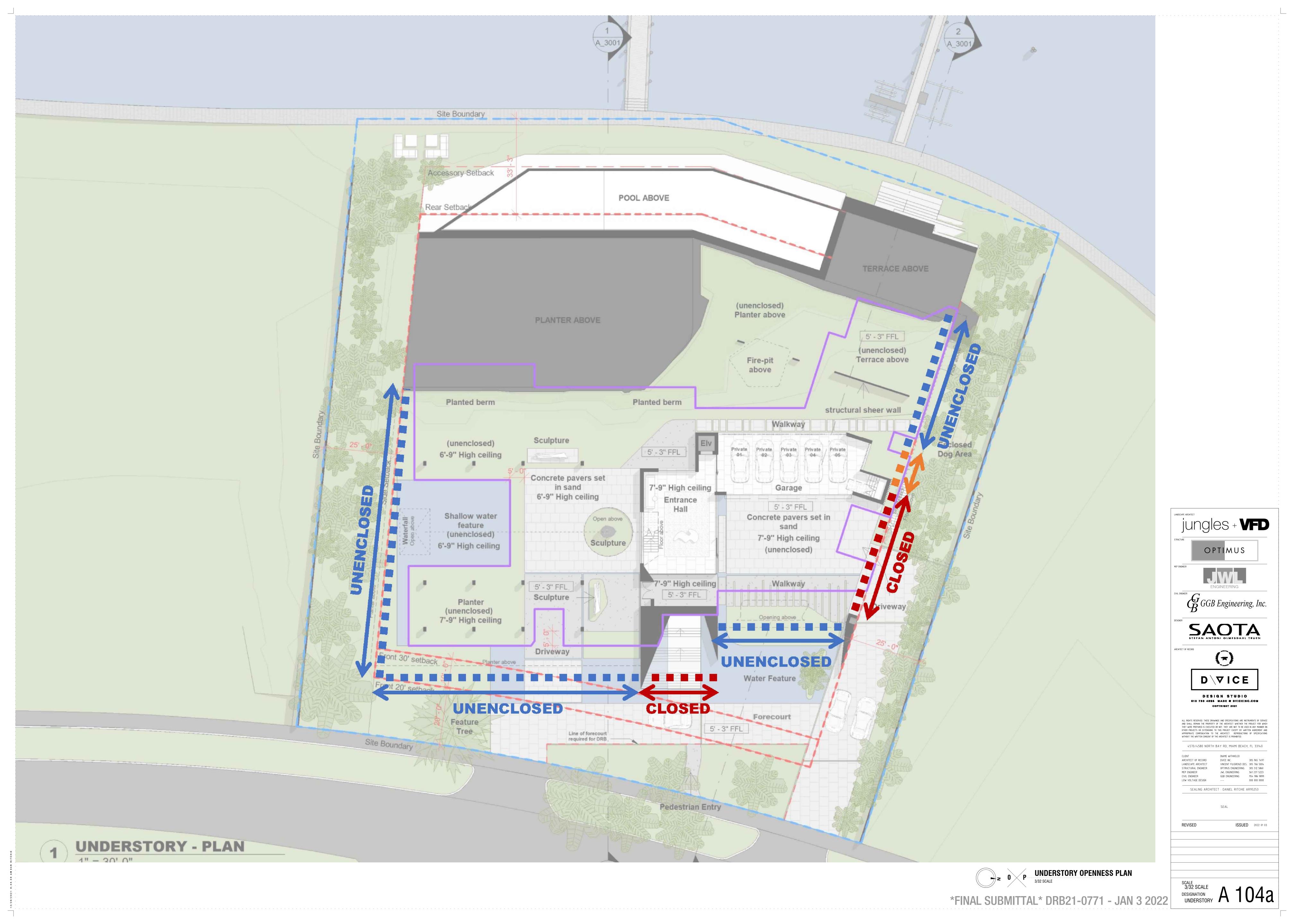


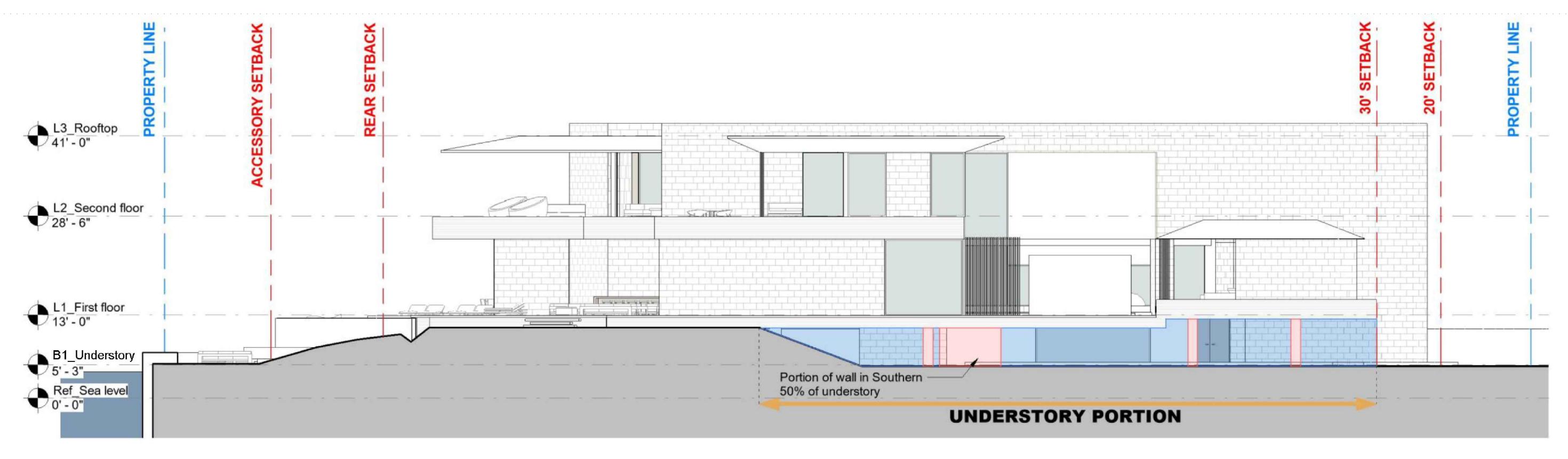




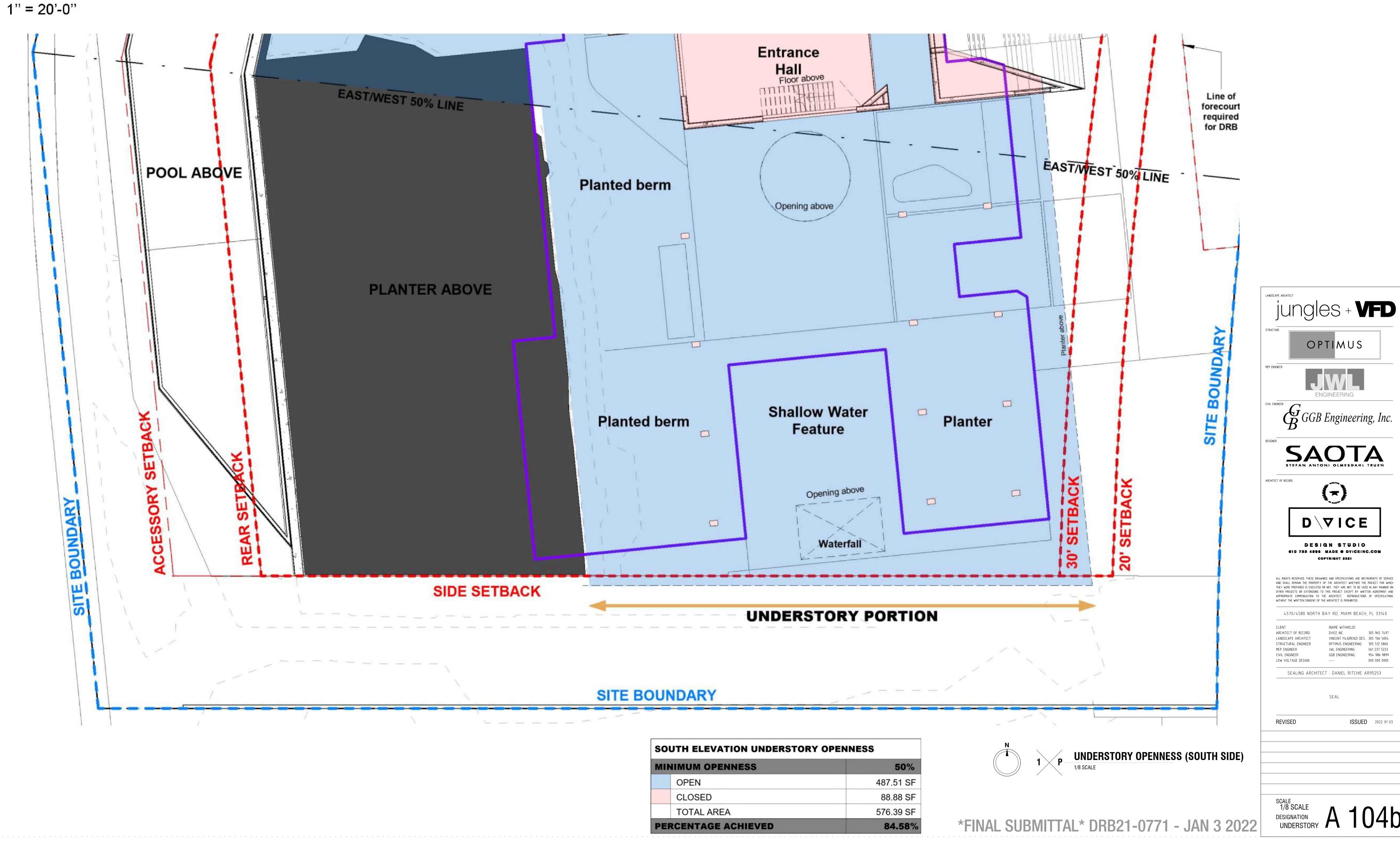


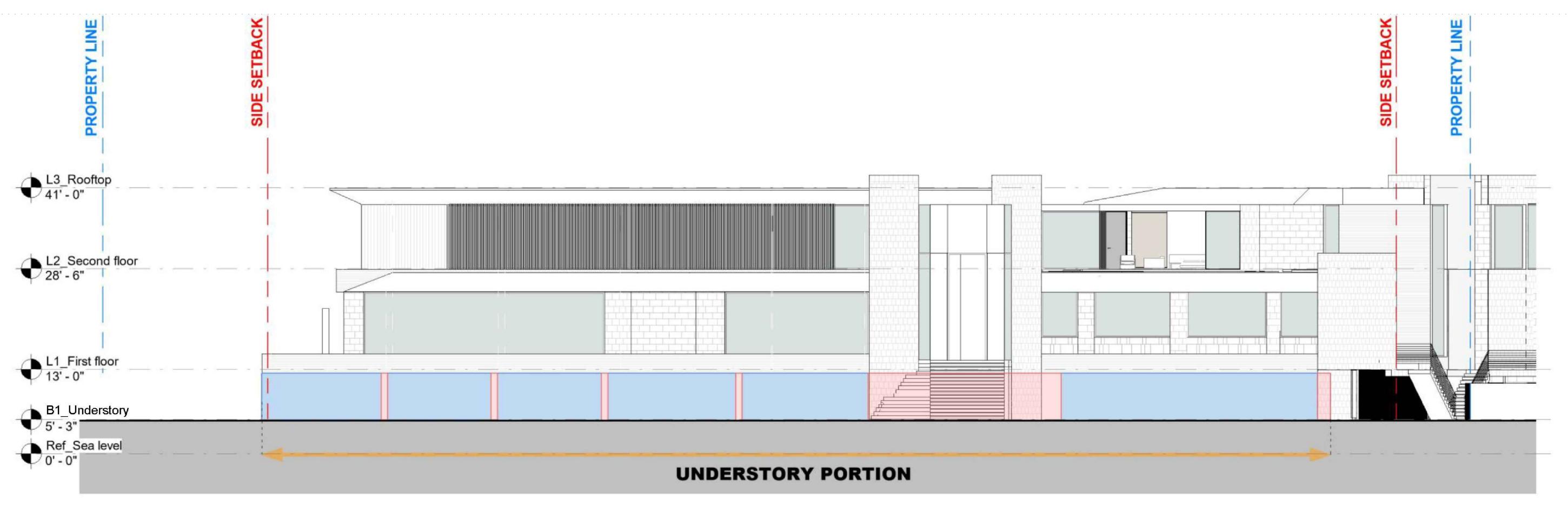






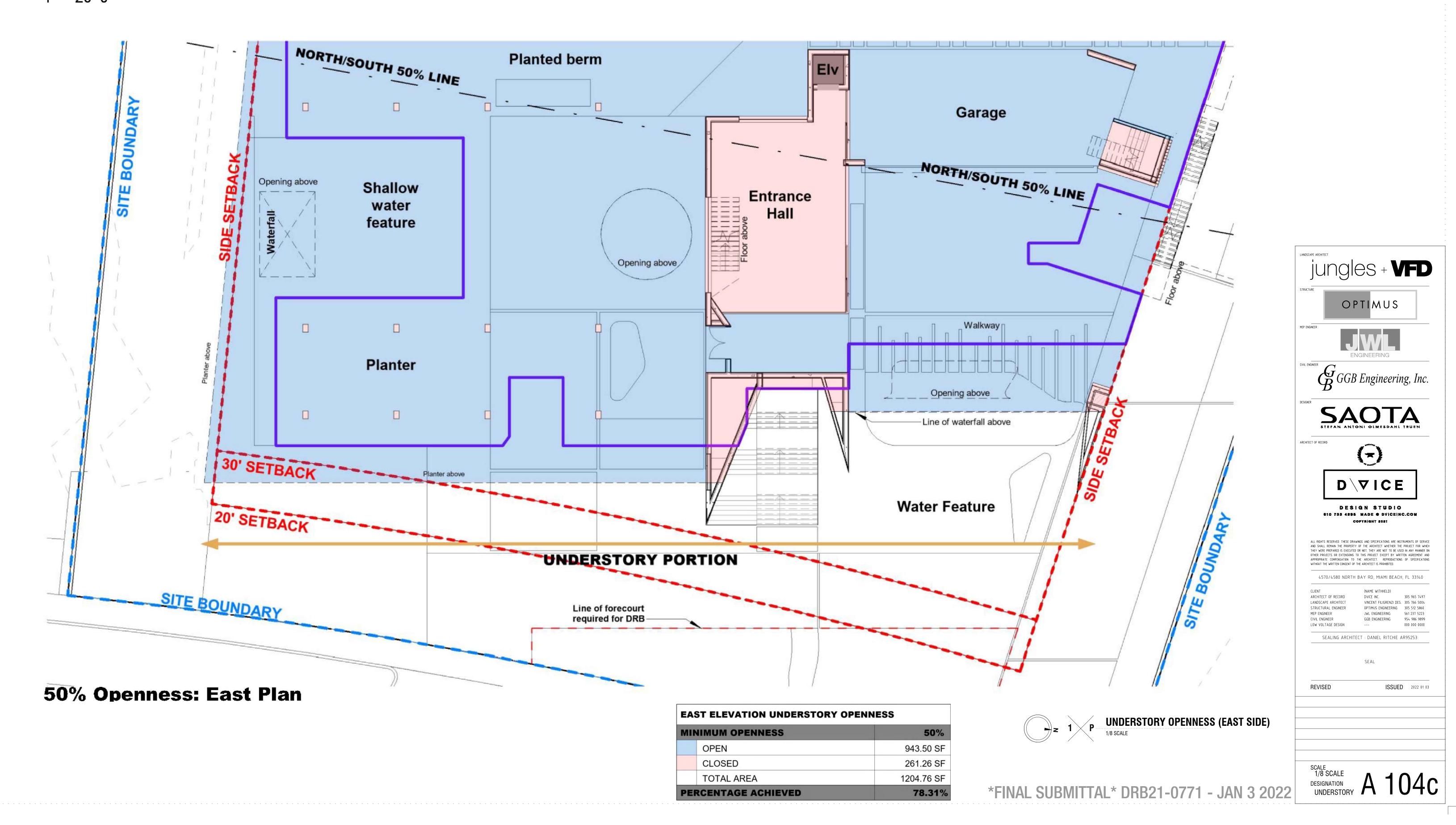
## 50% Openness: South Elevation

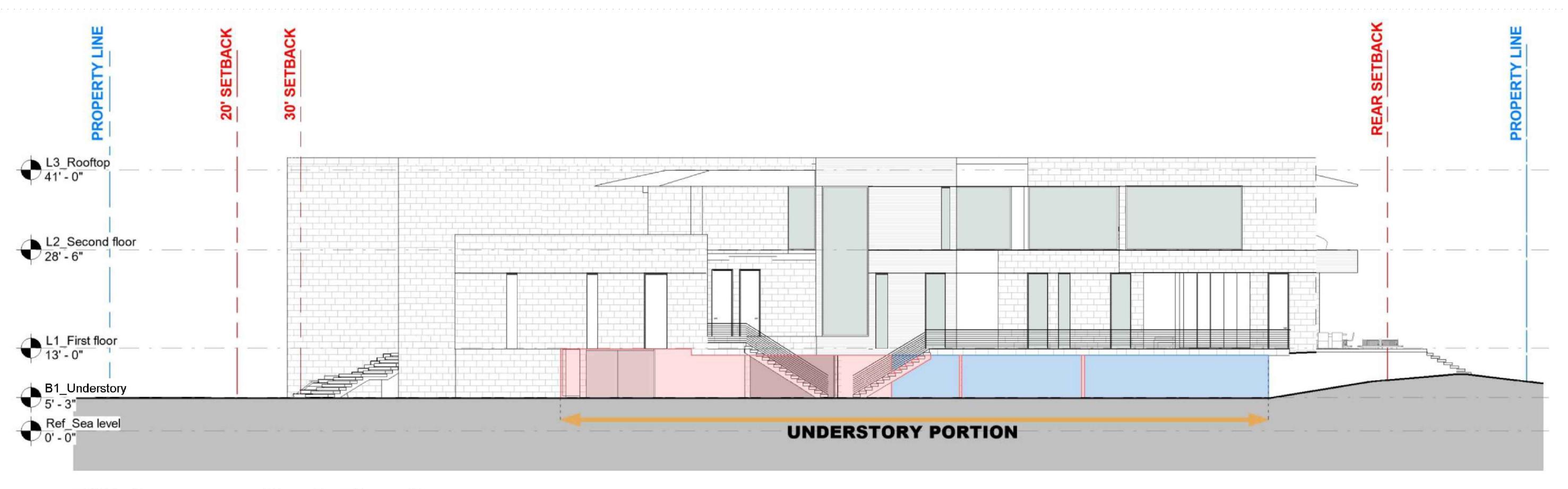




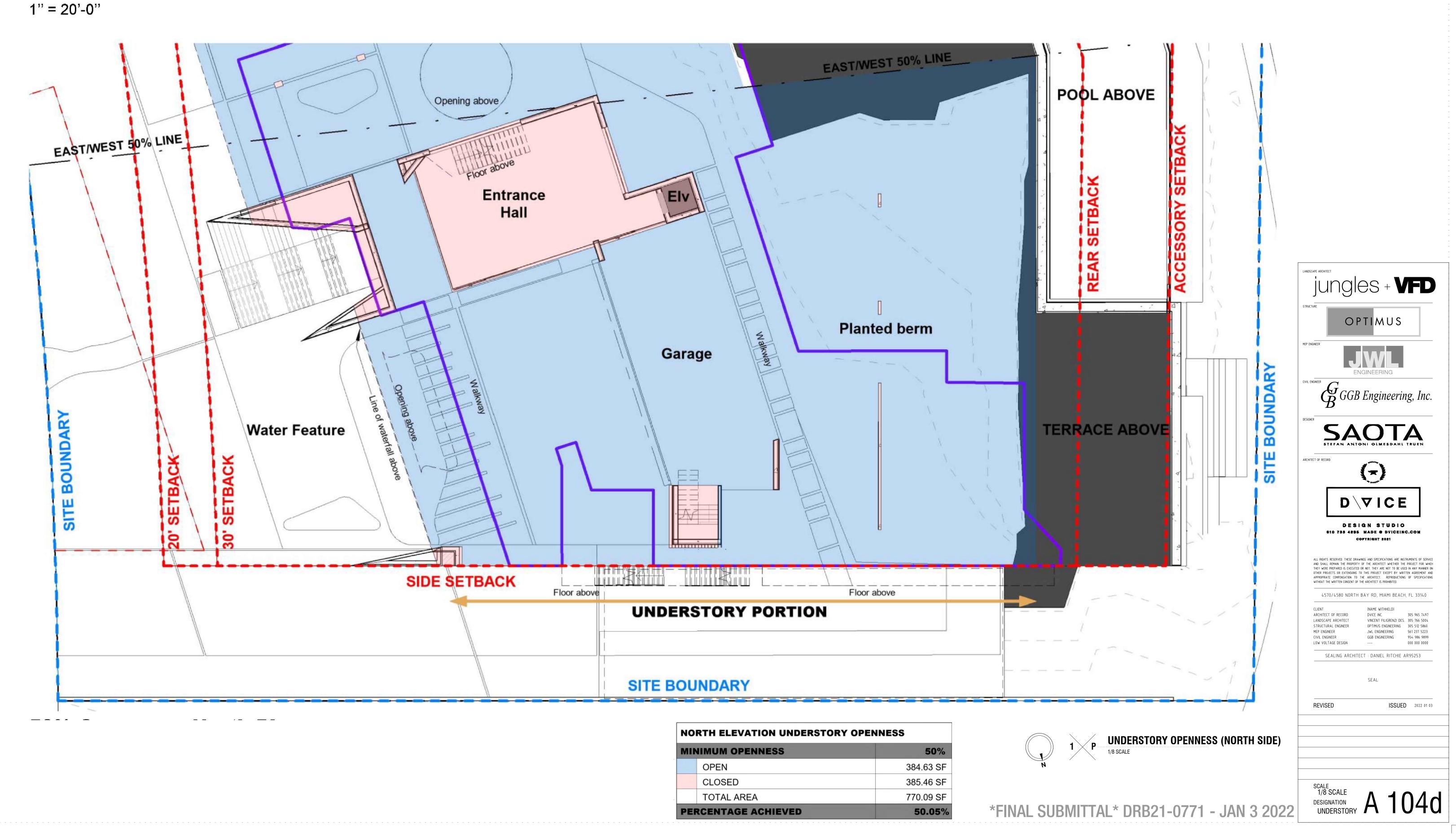
50% Openness: East Elevation

1" = 20'-0"





# 50% Openness: North Elevation





A - Estimated Crown of Road

C - New Sea Walls - 7.25'

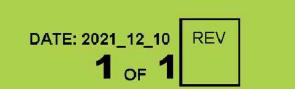
B – Minimum elevation of any structures + 5.26' (long

D – Minimum Internal elevation of house – 9' (BFE + 1)

E - Maximum 'freeboard' elevation of house without

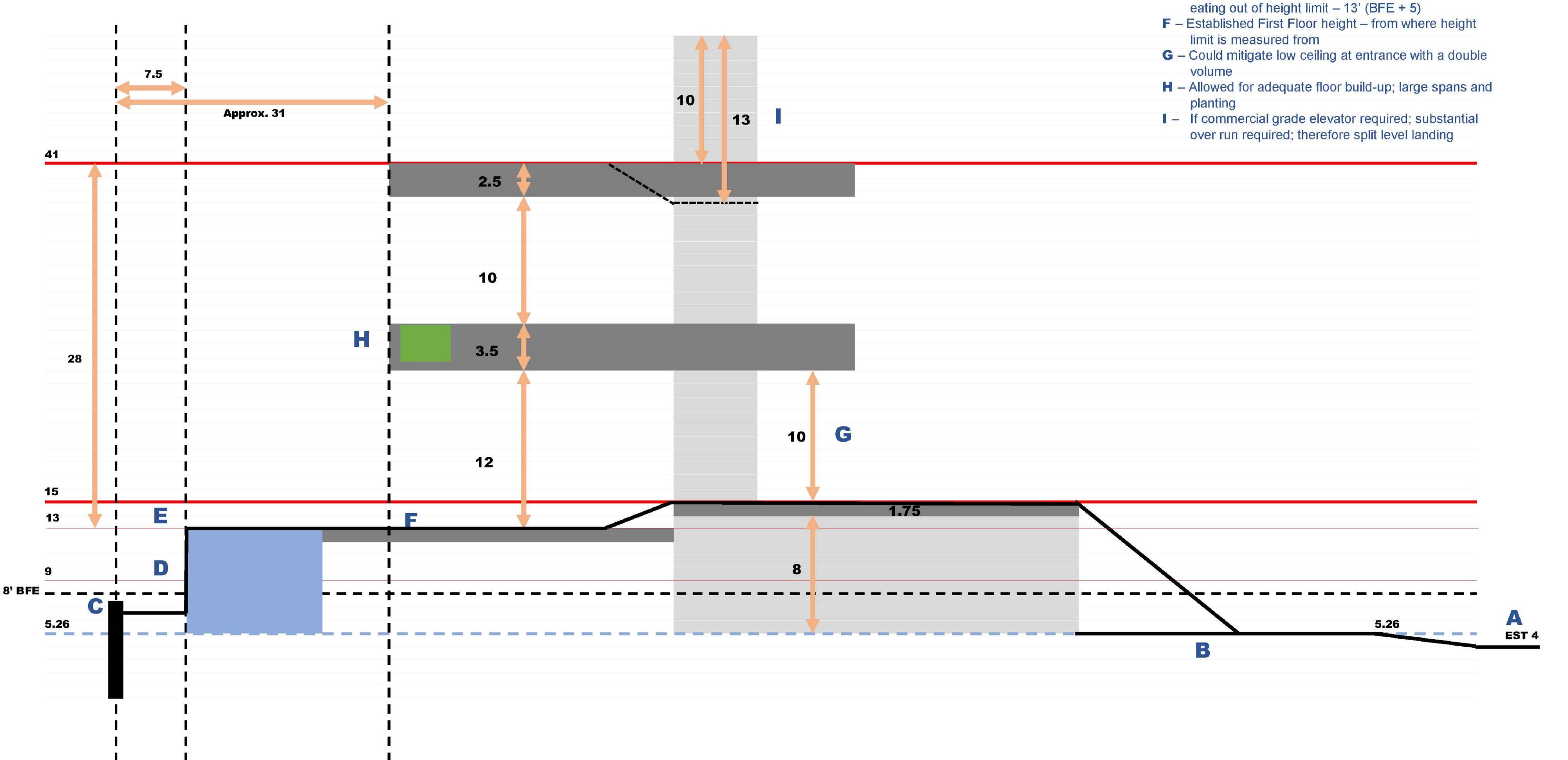
term elevation of all Miami roads)

**NOTES:** 

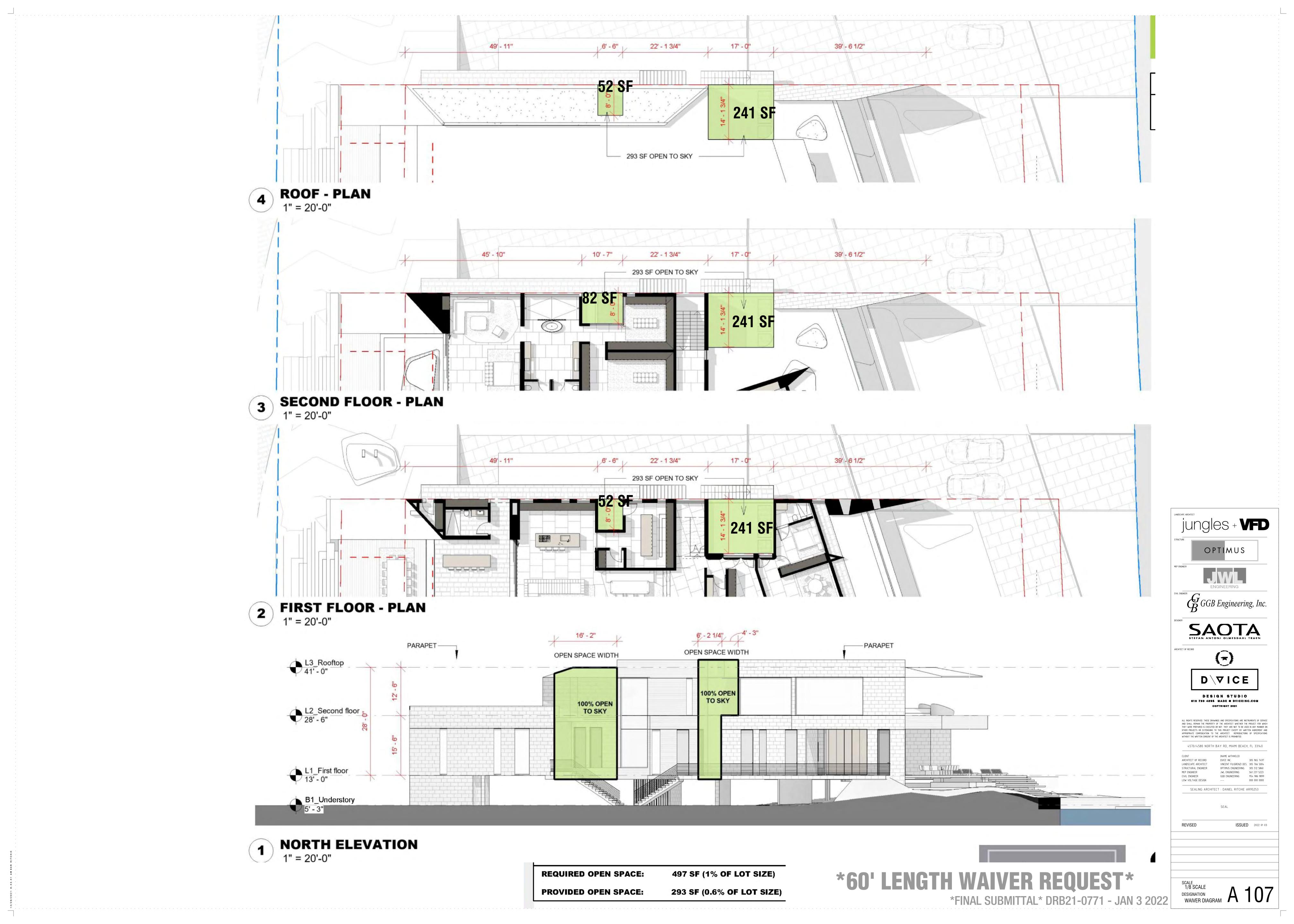


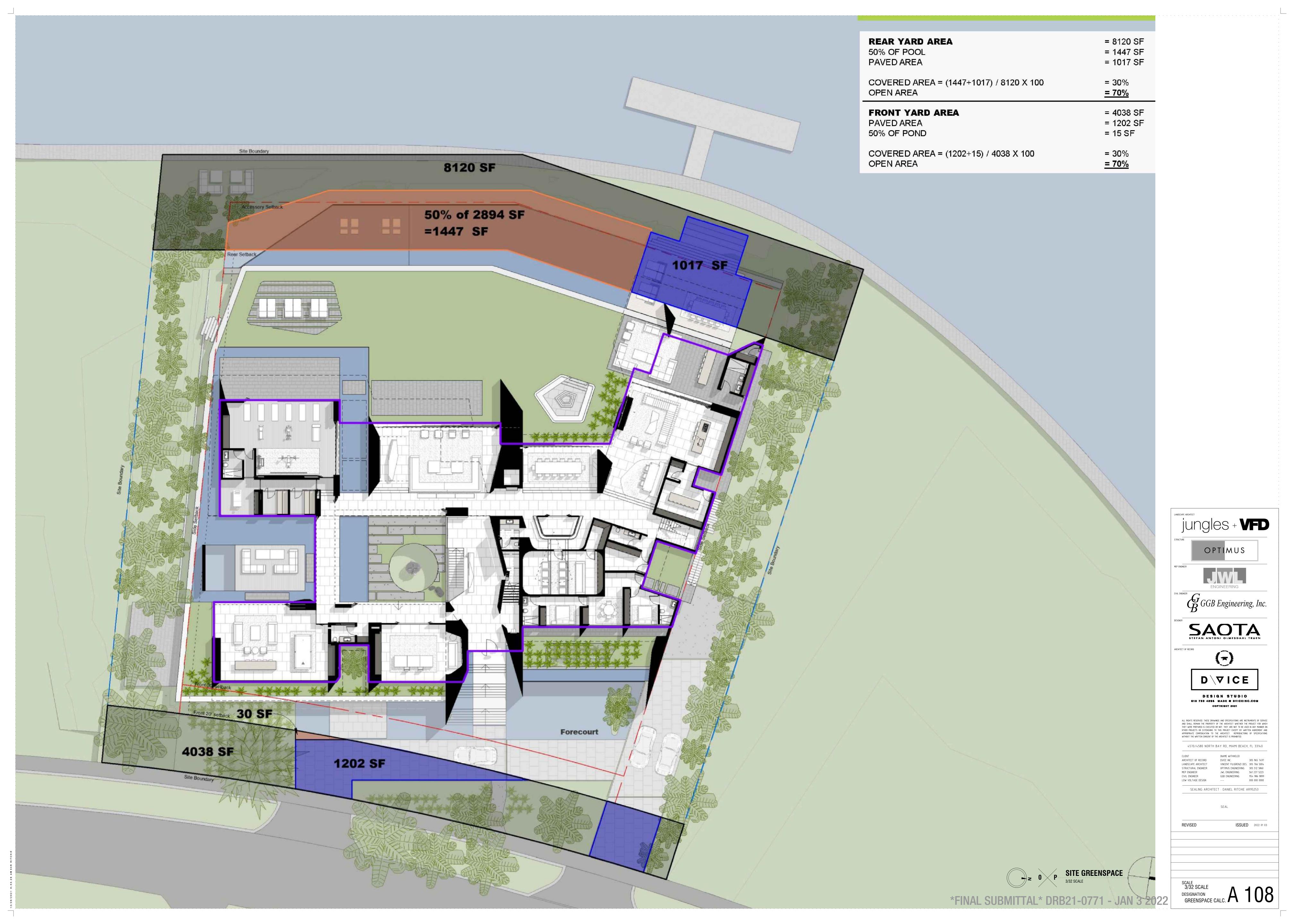
## **OPTION 03 – HYBRID UNDERSTORY**

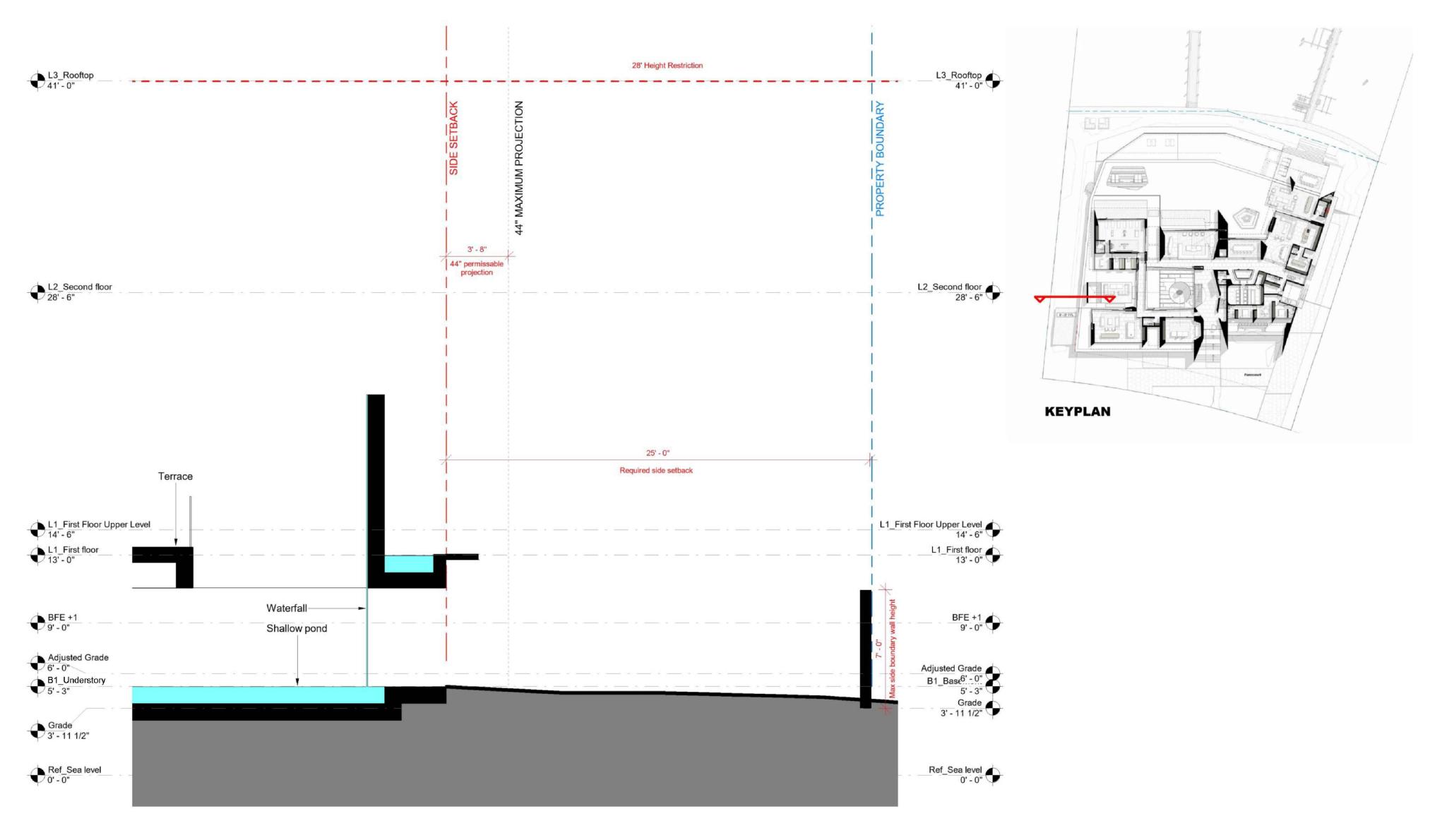
- DRB (Design Review Board) approval required for understory, as of Oct 2020



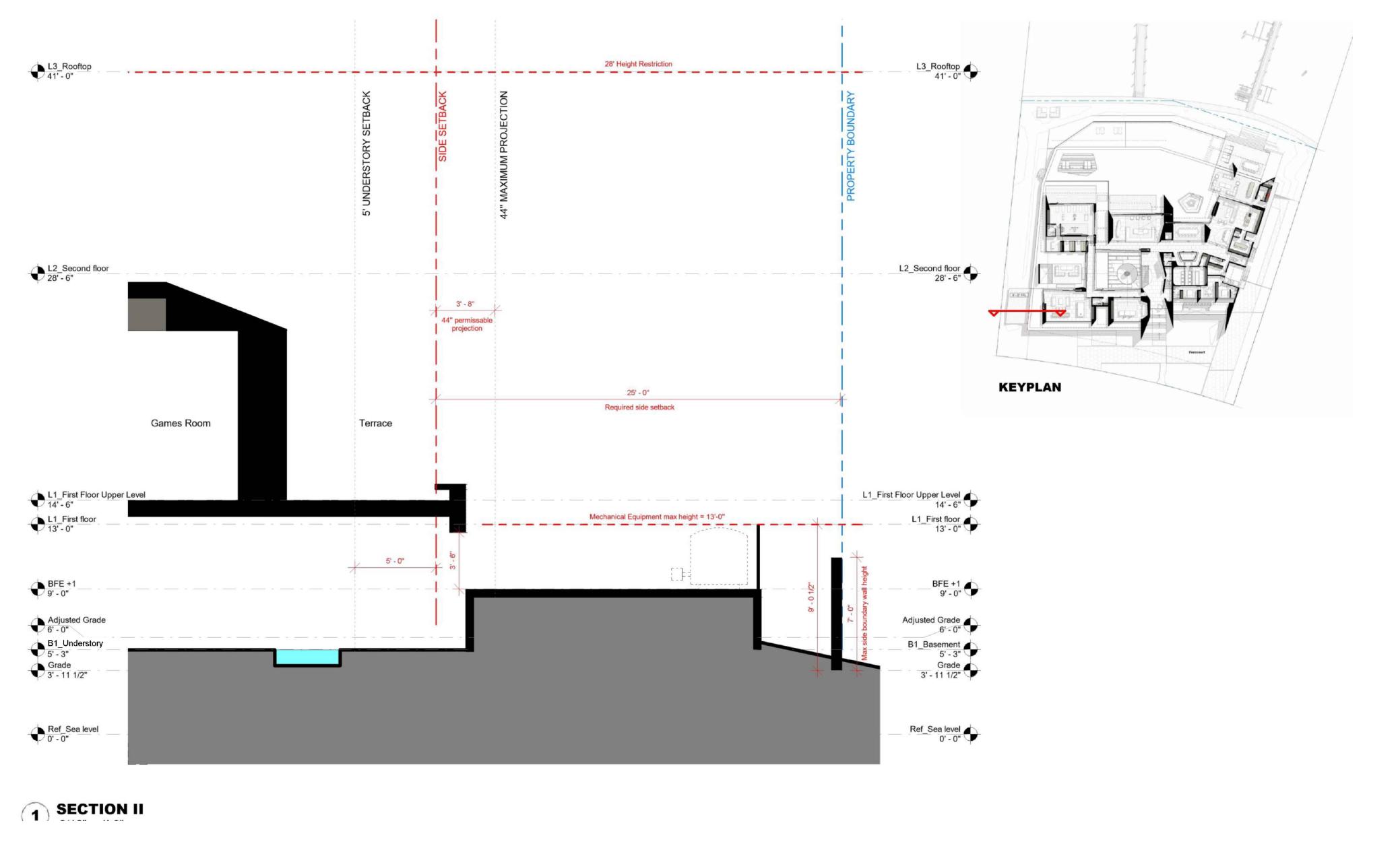








#### 1 SECTION HH





SCALE
1/4 SCALE
DESIGNATION
YARD SECTIONS

A 110

\*FINAL SUBMITTAL\* DRB21-0771 - JAN 3 2022

