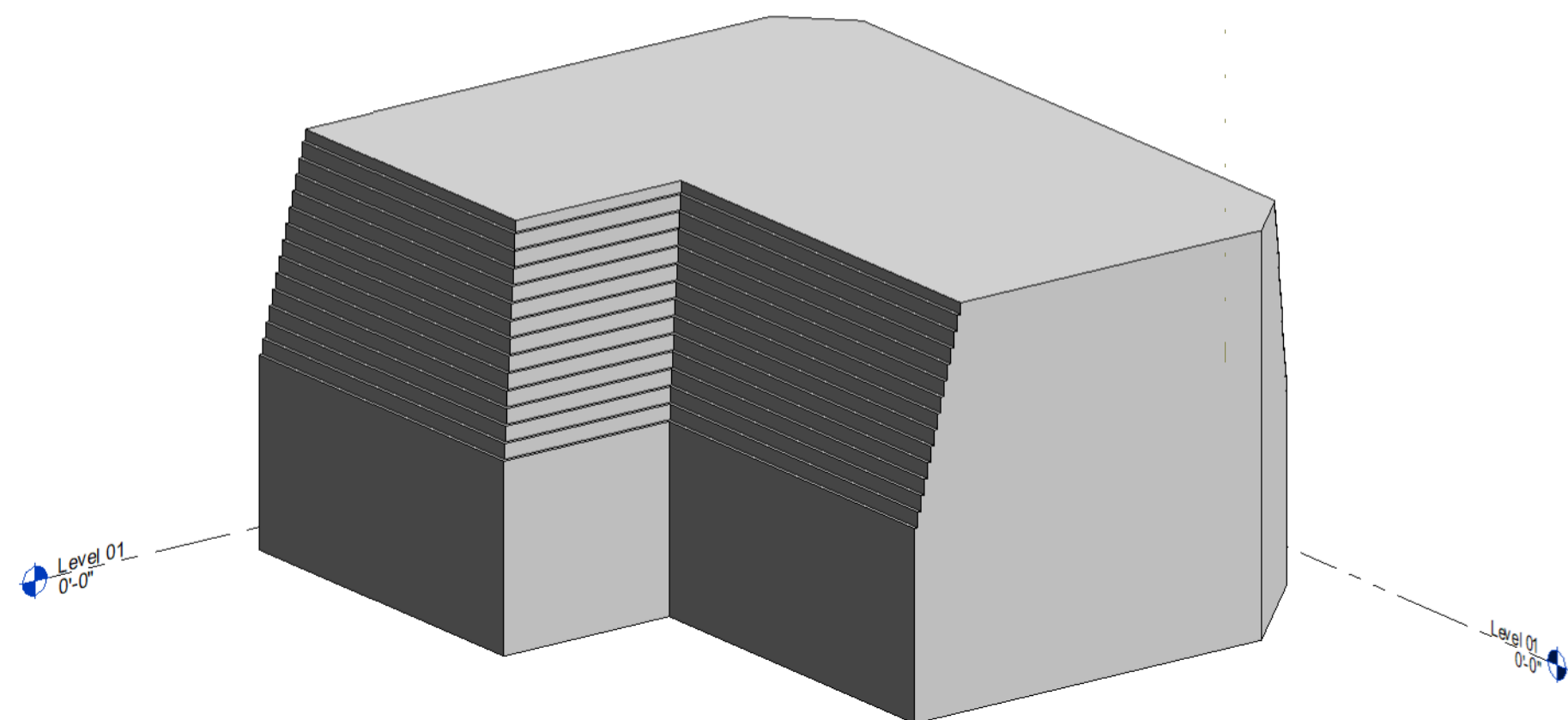
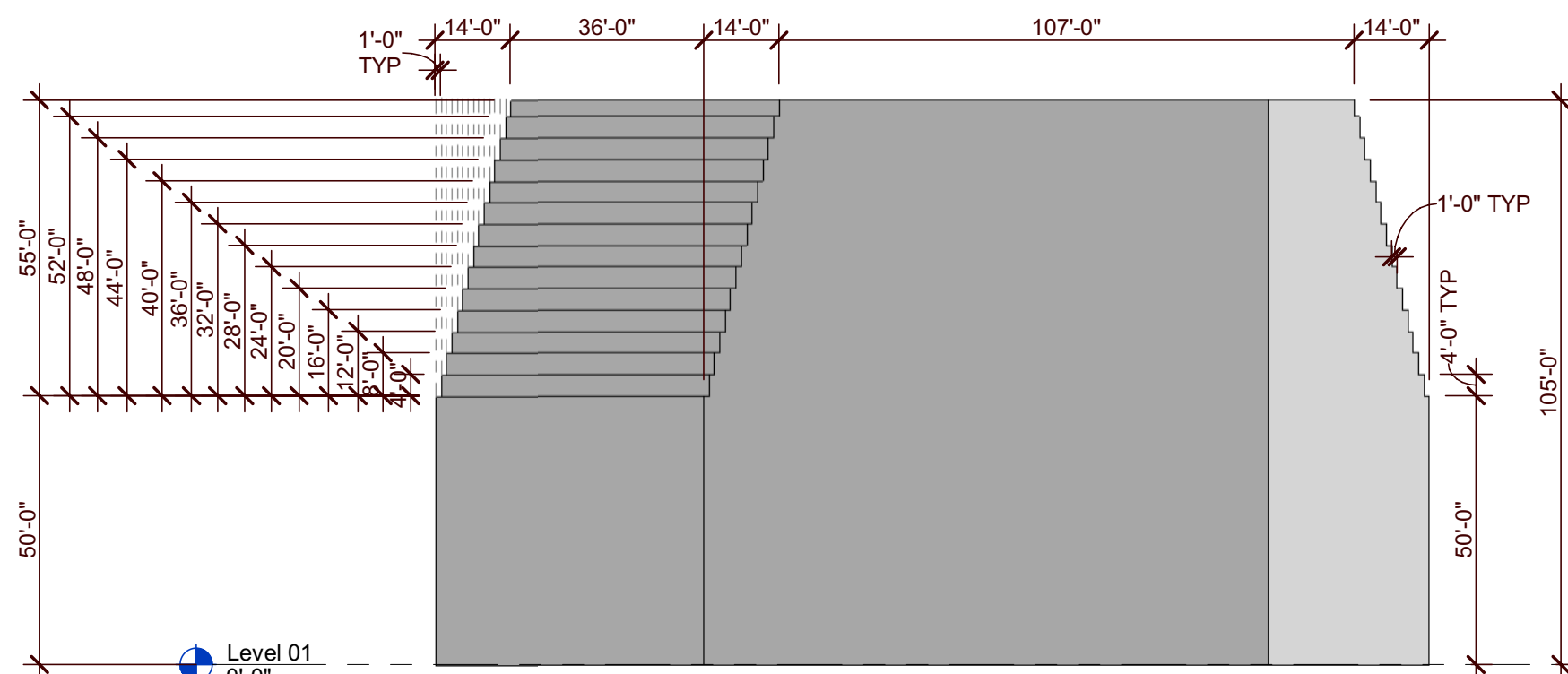


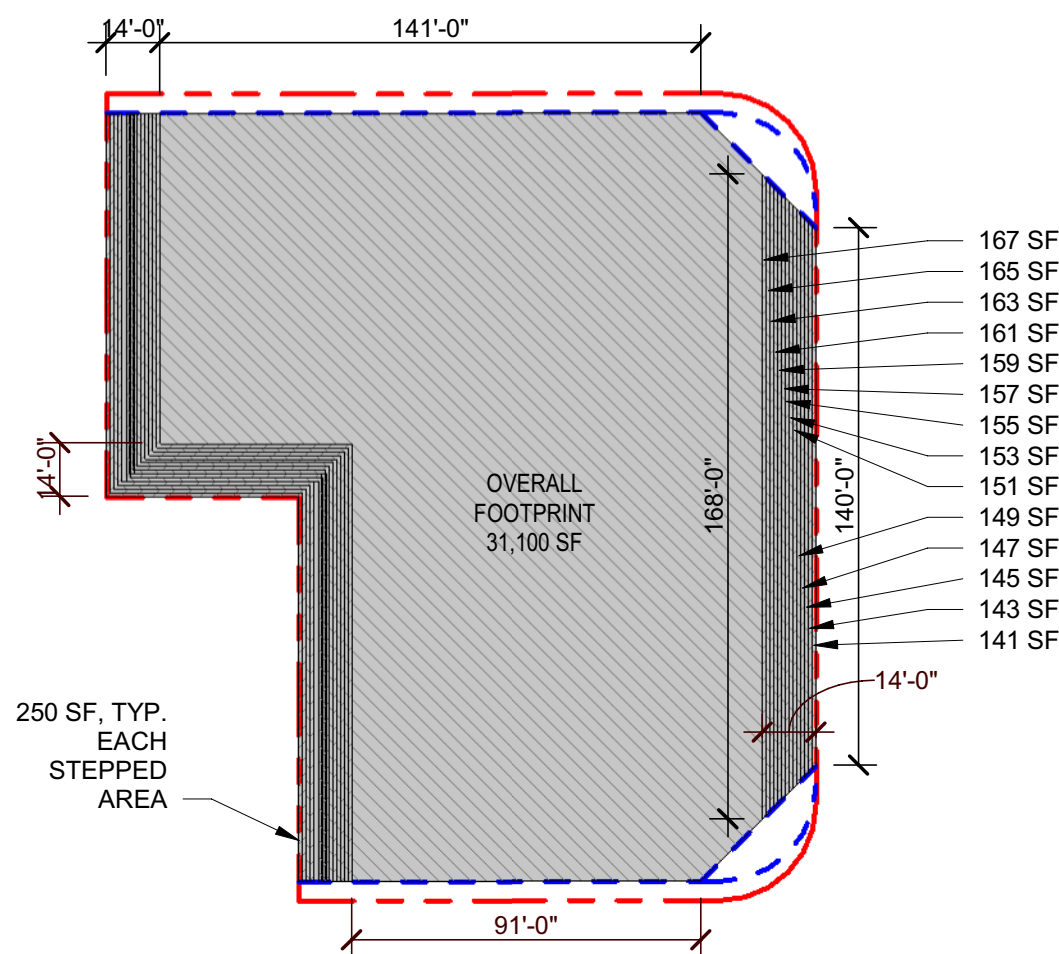
ALLOWABLE VOLUME



1 AXO - B3 MASSING
Scale:



6 B3 MASSING - SOUTH ELEVATION
Scale: 1/32" = 1'-0"



5 B3 MASSING - TOP VIEW
Scale: 1" = 50'-0"

B3 ZONING - BUILDING YARDS	REQUIRED
STREET SIDE (EAST, S. OCEAN BLVD, A1A) SETBACK	0' MIN, a.
FRONT (SOUTH, SE 2ND STREET) SETBACK	0' MIN
FRONT (NORTH, SE 1ST STREET) SETBACK	0' MIN
INTERIOR SIDE (WEST) SETBACK	0' MIN, a.

a. Those portions of a structure extending above a height of 50 feet shall be set back an additional 1 ft for each 4 ft (or major fraction thereof) the height of the portion of the structure exceeds 50 ft.

ALLOWABLE VOLUME CALCULATION (B3 ZONING):

FOOTPRINT (31,100 SF) X MAX HEIGHT (105'-0") = 3,265,500 FT³

VOIDS ALONG S. OCEAN

167 SF X 4'-0" =	668 FT ³
165 SF X 8'-0" =	1,320 FT ³
163 SF X 12'-0" =	1,956 FT ³
161 SF X 16'-0" =	2,576 FT ³
159 SF X 20'-0" =	3,180 FT ³
157 SF X 24'-0" =	3,768 FT ³
155 SF X 28'-0" =	4,340 FT ³
153 SF X 32'-0" =	4,896 FT ³
151 SF X 36'-0" =	5,436 FT ³
149 SF X 40'-0" =	5,960 FT ³
147 SF X 44'-0" =	6,468 FT ³
145 SF X 48'-0" =	6,960 FT ³
143 SF X 52'-0" =	7,436 FT ³
141 SF X 55'-0" =	7,755 FT ³

TOTAL = 62,719 FT³

VOIDS ALONG WEST, INTERNAL PROPERTY LINES

250 SF X 4'-0" =	1,000 FT ³
250 SF X 8'-0" =	2,000 FT ³
250 SF X 12'-0" =	3,000 FT ³
250 SF X 16'-0" =	4,000 FT ³
250 SF X 20'-0" =	5,000 FT ³
250 SF X 24'-0" =	6,000 FT ³
250 SF X 28'-0" =	7,000 FT ³
250 SF X 32'-0" =	8,000 FT ³
250 SF X 36'-0" =	9,000 FT ³
250 SF X 40'-0" =	10,000 FT ³
250 SF X 44'-0" =	11,000 FT ³
250 SF X 48'-0" =	12,000 FT ³
250 SF X 52'-0" =	13,000 FT ³
250 SF X 55'-0" =	13,750 FT ³

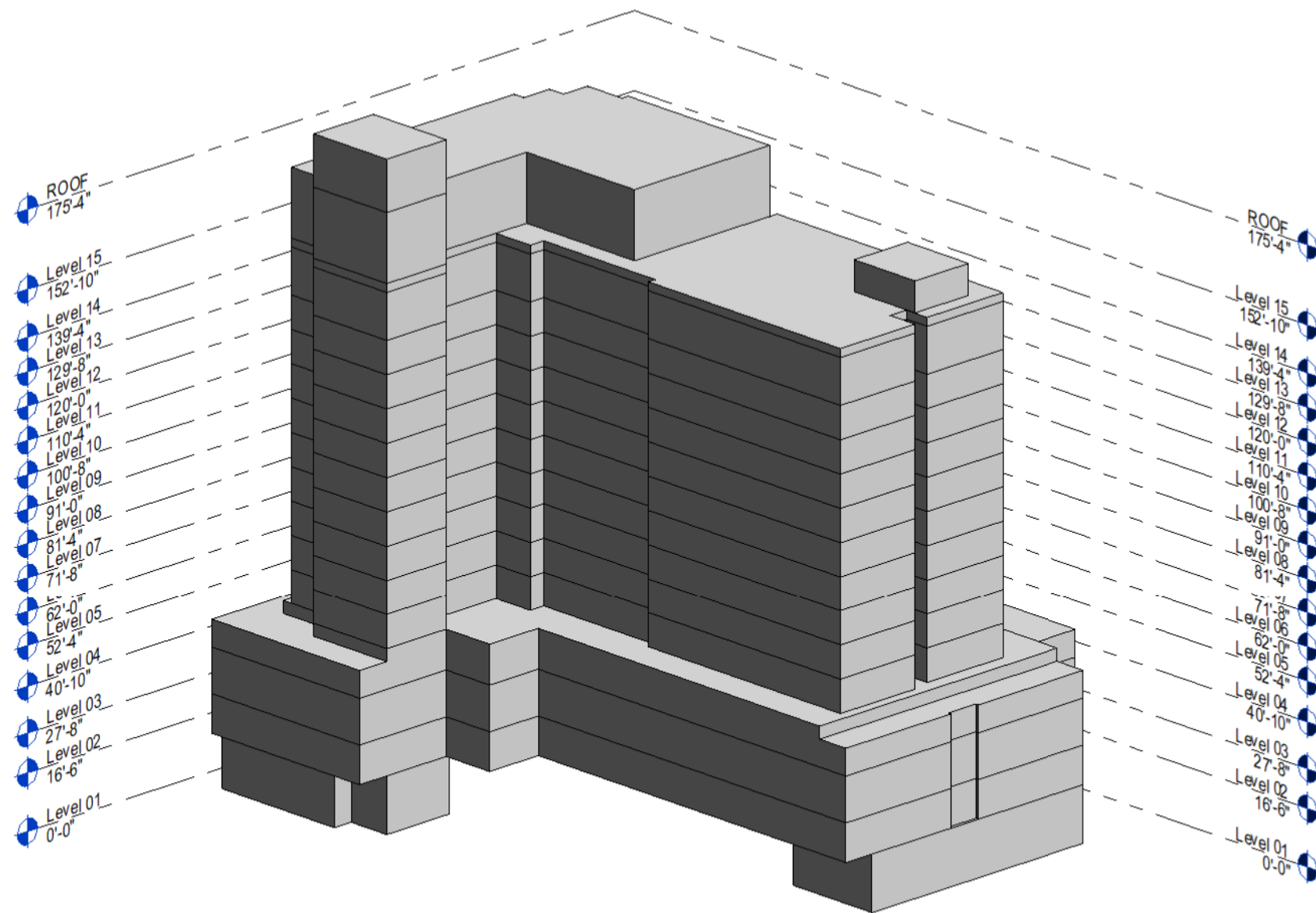
TOTAL = 107,375 FT³

62,719 FT³ + 107,375 FT³ = 170,094 FT³

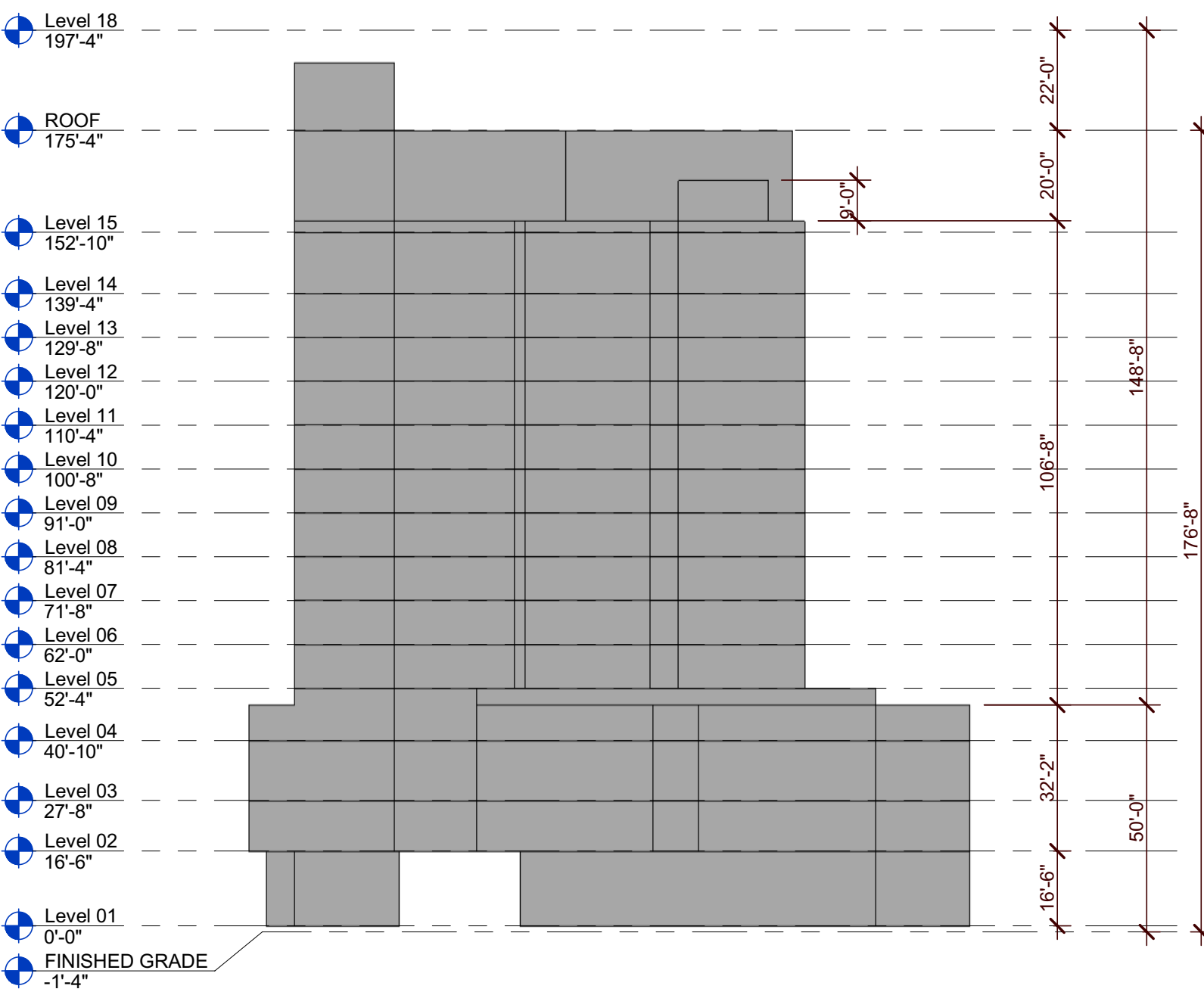
3,265,500 FT³ - 170,094 FT³ = 3,095,406 FT³

ALLOWABLE VOLUME UNDER B3 ZONING = 3,095,406 FT³

PROPOSED AREAS / VOLUME



2 PROPOSED VOLUME - AXONOMETRIC
Scale:



7 SOUTH ELEVATION - PROPOSED VOLUME
Scale: 1/32" = 1'-0"

PROPOSED VOLUME CALCULATIONS:

GROUND FLOOR: 13,750 SF x 16'-6" =	226,875 FT ³
2ND - 4TH FLOOR: 22,783 SF x 35'-10" =	797,406 FT ³
5TH-14TH FLOOR: 11,385 SF x 103'-0" =	1,172,655 FT ³
15TH FLOOR: 5,802 SF x 20'-0" =	116,040 FT ³
15TH FLOOR, STAIR: 458 SF x 9'-0" =	4,122 FT ³
ROOF, STAIR: 611 SF x 15'-0" =	9,165 FT ³

TOTAL = 2,326,263 FT³

PROPOSED VOLUME = 2,326,263 FT³

PROPOSED VOLUME < ALLOWABLE VOLUME UNDER B3 ZONING

2,326,263 FT³ < 3,095,406 FT³

PROPOSED VOLUME COMPLIES

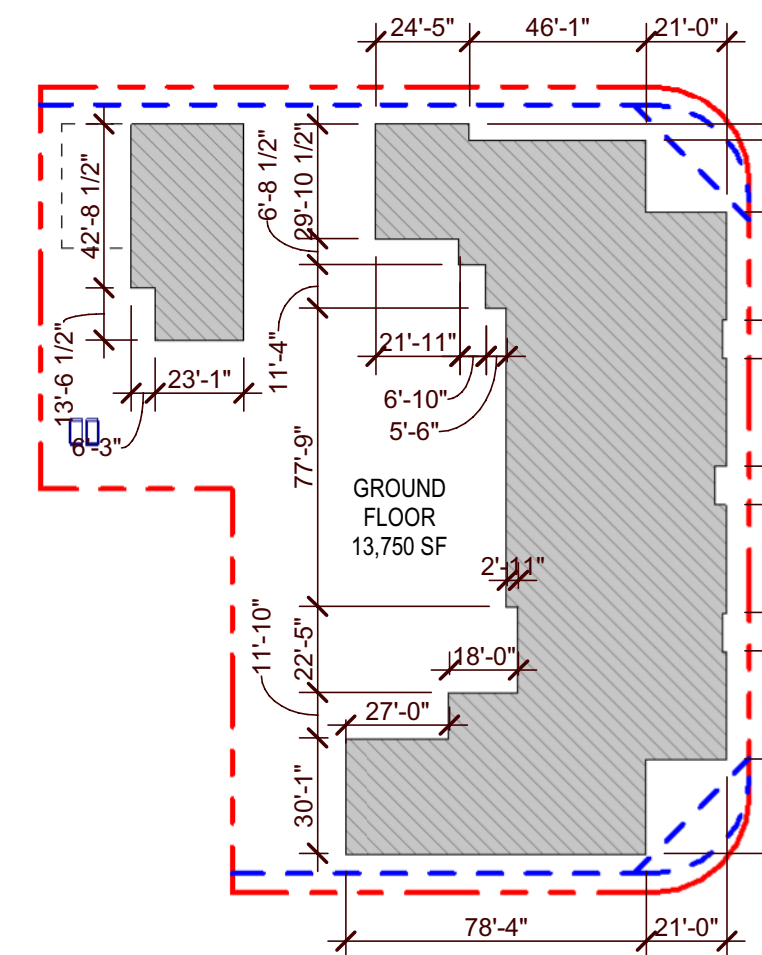
PROPOSED TOWER FLOORPLATE CALCULATIONS:

TOWER FLOORPLATE < OR = 50% OF MAX ALLOWABLE GROUND FLOOR

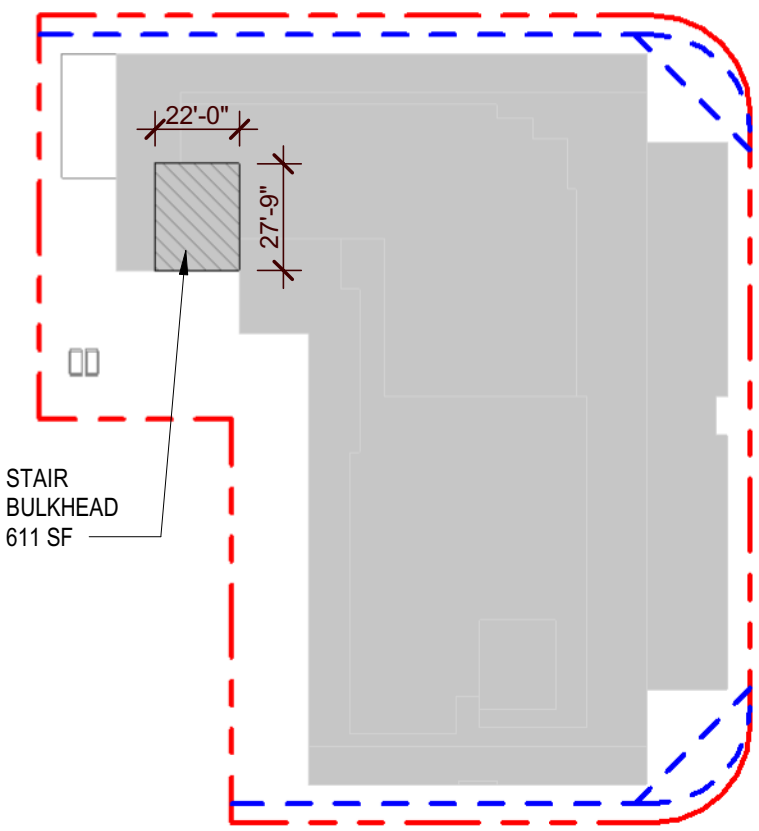
MAXIMUM ALLOWABLE GROUND FLOOR AREA =
MAXIMUM ALLOWABLE LOT COVERAGE = 22,487 SF
(SEE SECTION 17.01.01, DATA TABLE ON SHEET AR-100)

2,847 SF x 50% = 11,424 SF

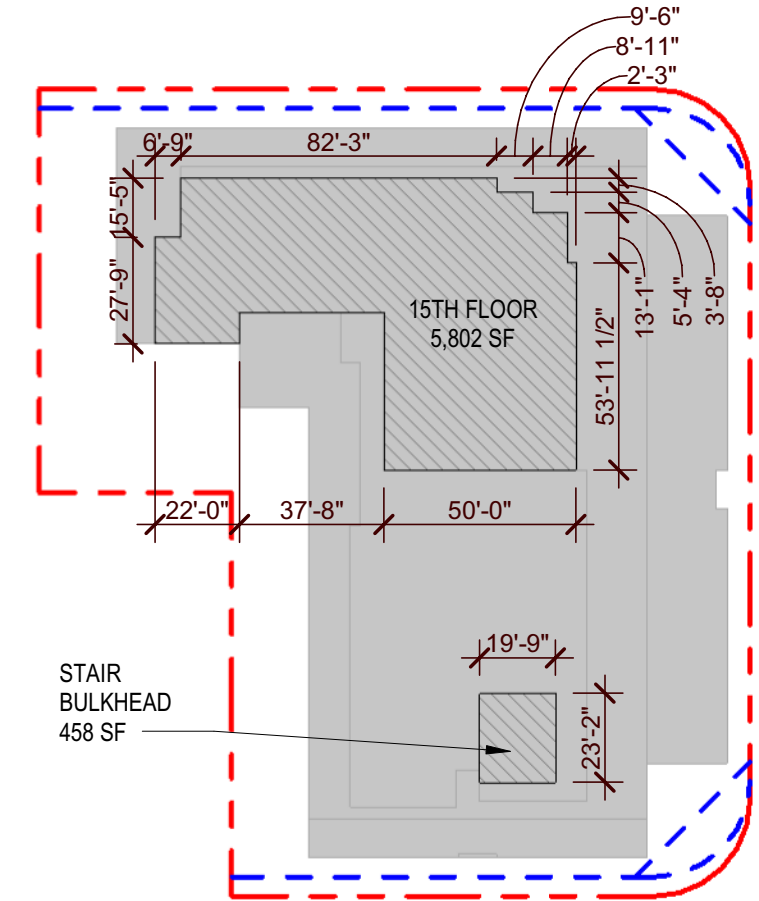
TOWER FLOORPLATE = 11,424 SF
GROUND FLOOR: 13,750 SF, COMPLIES
2ND FLOOR: 22,783 SF, COMPLIES
3RD FLOOR: 22,783 SF, COMPLIES
4TH FLOOR: 22,783 SF, COMPLIES
5TH FLOOR: 5,802 SF, COMPLIES
6TH FLOOR: 5,802 SF, COMPLIES
7TH FLOOR: 5,802 SF, COMPLIES
8TH FLOOR: 5,802 SF, COMPLIES
9TH FLOOR: 5,802 SF, COMPLIES
10TH FLOOR: 5,802 SF, COMPLIES
11TH FLOOR: 5,802 SF, COMPLIES
12TH FLOOR: 5,802 SF, COMPLIES
13TH FLOOR: 5,802 SF, COMPLIES
14TH FLOOR: 5,802 SF, COMPLIES
15TH FLOOR: 5,802 SF, COMPLIES
ROOF: 611 SF, COMPLIES



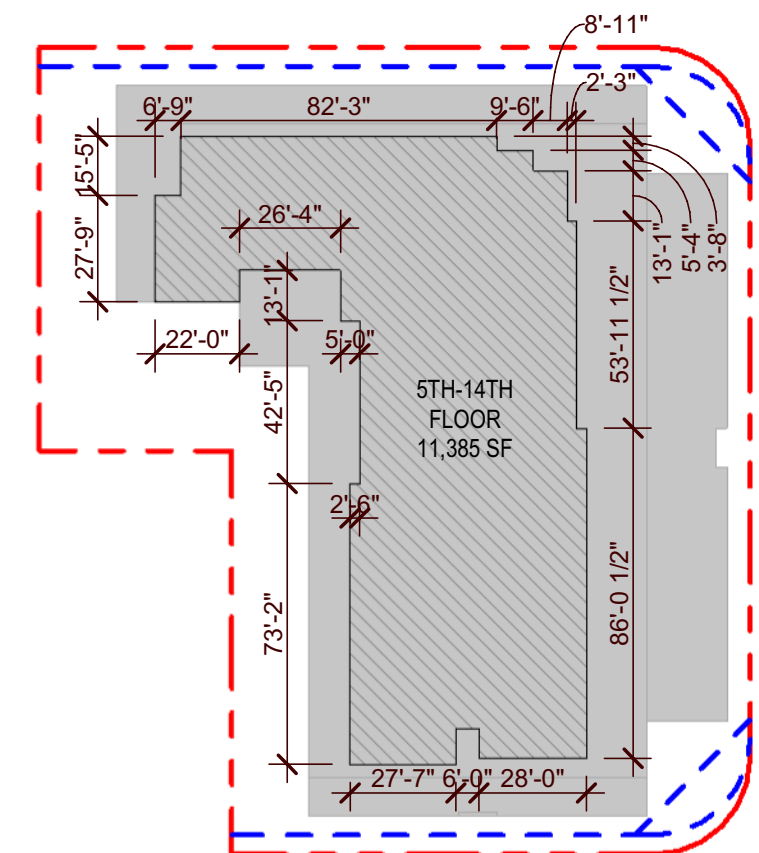
3 GROUND FLOOR - GROSS FLOOR AREA
Scale: 1" = 50'-0"



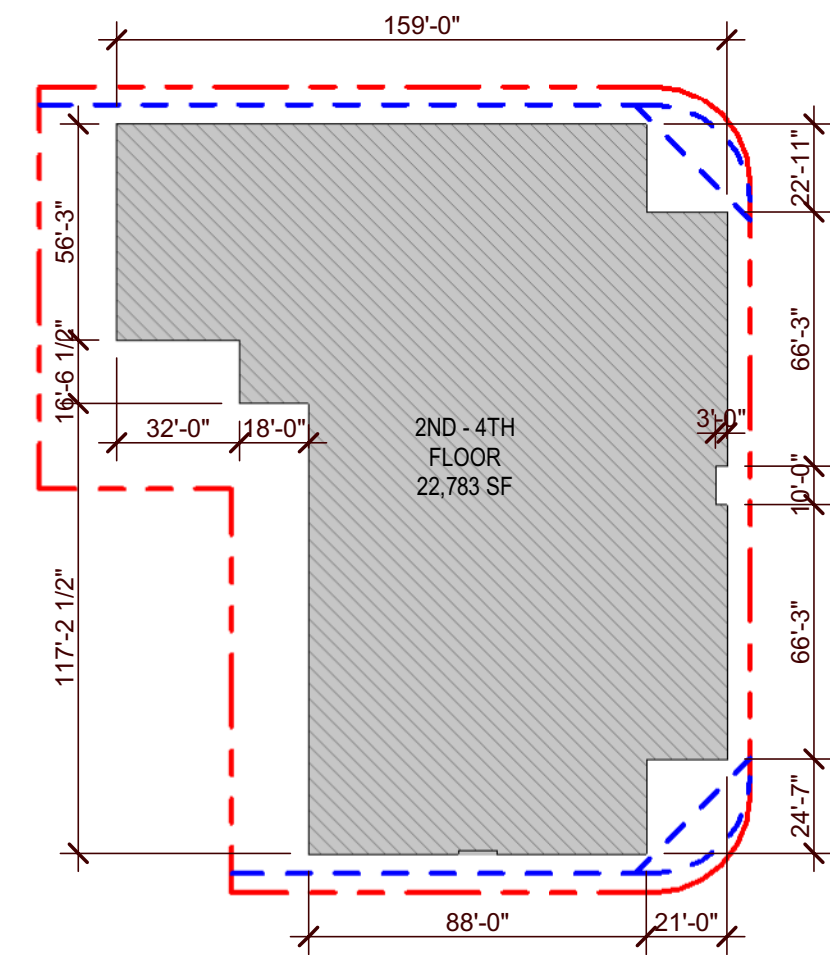
10 ROOF - TOWER GROSS FLOOR AREA
Scale: 1" = 50'-0"



9 15TH FLOOR - TOWER GROSS FLOOR AREA
Scale: 1" = 50'-0"



8 5TH - 14TH FLOOR - TOWER GROSS FLOOR AREA
Scale: 1" = 50'-0"



4 2ND - 4TH FLOOR - GROSS FLOOR AREA
Scale: 1" = 50'-0"

DESIGNED	DRAWN	CHECKED
NH	NH	JY

REVISIONS

DATE:	COMM:
04.05.2024	23008

POMPAHO HOTEL

101 S. OCEAN BLVD
POMPAHO BEACH, FL 33062

Digitally signed
by Jiro Yates
Date:
2024.04.05
10:40:11-04'00'

SLENDERNESS PROVISIONS

DRC SET

AR-003

AAC
PZ23-1200042
05/07/2024