

FINAL SUBMITTAL: APRIL 6TH, 2021

NEW RESIDENCE AT: 4747 NORTH BAY ROAD

STRUCTURAL ENGINEER

ARCHITECT

CLIENT

ANUP PATEL 4747 NORTH BAY ROAD MIAMI BEACH, FL 33140	AMES INTERNATIONAL ARCHITECT 203 DIXIE BLVD DELRAY BEACH, FL 33444 (561) 274-6444 AR12001	URE OPTIMUS STRUCTURAL DESIGN 7850 NW 146TH STREET, SUITE 305 MIAMI LAKES, FL 33016 (305) 512-5860 PE 61706	VIDAL & ASSOCIATES INC. 241 NW SOUTH RIVER DRIVE MIAMI, FL 33128 (305) 571-1860 PE 56204	CHRISTOPHER CAWLEY 780 NE 69th STREET #1106 MIAMI, FL 33138 (305) 979-1585 LC 26000460	OCEAN ENGINEERING, INC. 333 NE 24TH STREET, SUITE 408 MIAMI, FL 33137 (786) 253-5252 PE 61747	SNS CONSTRUCTION INC. NE 10TH COURT ROAD MIAMI, FL 33179 (305) 467-4188	-CONSTRUCTION OF A NEW 2 DECK, MOTOR COURT, COV -REVIEW MODIFICATIONS TO T FLOOR PLAN TO A PREVIOU: -REVIEW THE ADDED ROOF DE
							OCCUPANCY TYPE:
							NO. SHEE CV-0.0 COVE H0.0 INDE2 EX-1.0 SURV EX-2.0 LOCA EX-2.1 NEIGE EX-2.2 NEIGE EX-2.1 PREV A-1.0 PREV A-1.1 PREV A-1.2 PREV A-1.4 PROF A-2.0 PREV A-2.1 PREV A-2.3 PREV
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700			CONTRACTION ON				A-4.0 PROP
			-				A-4.1 PROP
		A State of the	and the second s				A-4.2 PREV A-4.3 PROP
	and the second						A-4.3 PROP

LANDSCAPING

CIVIL ENGINEER

MEP ENGINEER

SCOPE OF WORK

CONSULTANTS

A NEW 2 STORY STRUCTURE WITH POOL, POOL URT, COVERED PARKING & LANDSCAPING. TIONS TO THE GROUND FLOOR , 1ST FLOOR,2ND PREVIOUSLY APPROVED "DRB" SET ROOF DECK

PRE-APPLICATION MEETING: FEBRUARY 11, 2019 FIRST CAP SUBMISSION: FEBRUARY 18, 2019 FINAL CAP SUBMITTAL: MARCH 11, 2019 DRB BOARD MEETING: MAY07, 2019

PRE-APPLICATION MEETING: FEBRUARY 24, 2021 FIRST CAP SUBMISSION: MARCH 15, 2021

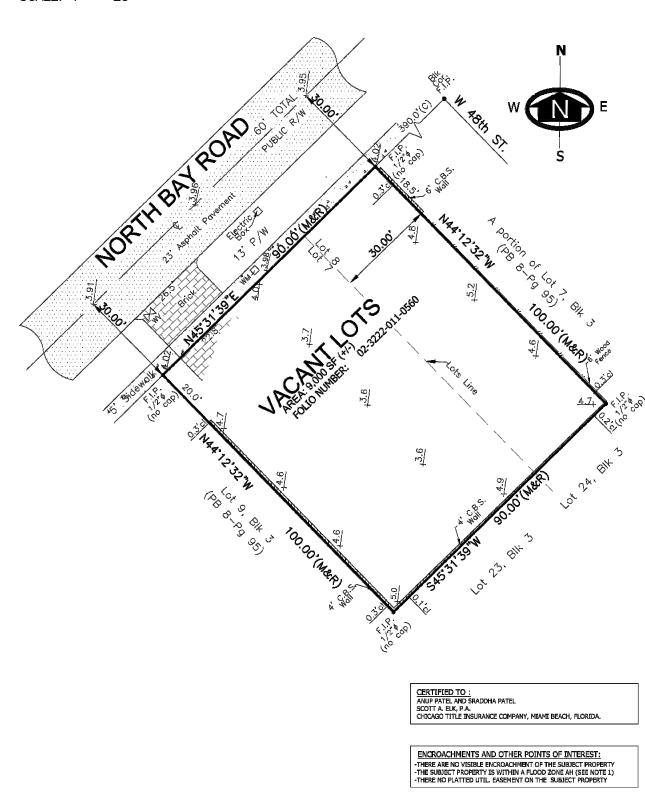
TYPE: RESIDENTIAL RS-4

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SKETCH OF BOUNDARY SURVEY







SITE ADDRESS: 4747 N. BAY ROAD MIAMI BEACH, FL. 33140			
JOB NUMBER:	18-510		
DATE OF SURVEY:	MAY 8, 2018 / FEBRUARY 13, 2019(UPDATE) / OCT. 24, 2020 (UPDATE) / MARCH 12, 2021 (UPDATE)		

FOLIO NUMBER: 02-3222-011-0560

JOB SPECIFIC SURVEYOR NOTES:

THE PROPERTY DESCRIBED ON THIS SURVEY DOES LIE WITHIN A SPECIAL HAZARD AREA AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; THE PROPERTY LIES WITH FLOOD ZONE "AE" OF THE FLOOD INSURANCE RATE MAP IDENTIFIED AS COMMUNITY PANEL No. <u>120651-0309L</u>, with an effective date of september 11, 2009. BASE FLOOD ELEVATION OF 8.00 FEET (NSVD)

② LAND AREA OF SUBJECT PROPERTY: 9,000 SF (+/-)

(3) ELEVATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, AS PER MIAMI DADE COUNTY BENCH MARK No. D-132-R. WITH AN ELEVATION OF 8.23 FEET.

③ BEARINGS SHOWN HEREON ARE BASED ON AN ASSUME MERIDIAN OF N.44º12'32"W., BEING THE RECORDED BEARING FOR THE CENTERLINE OF W. 48th ST., AS SHOWN ON PLAT BOOK 8 AT PAGE 95 OF THE PUBLIC RECORD OF MIANT DADE COUNTY, FLORIDA.

GENERAL SURVEYOR NOTES:

THE SHOWN LEGAL DESCRIPTION USED TO PERFORM THIS BOUNDARY SURVEY WAS PROVIDED BY THE CLIENT.

SURVEY IS BASED ON RECORDED INFORMATION PROVIDED BY CLIENT. NO SPECIFIC SEARCH OF THE PUBLIC RECORD HAS BEEN MADE BY OUR OFFICE.

UNLESS OTHERWISE NOTED, AN EXAMINATION OF THE ABSTRACT OF TITLE WAS NOT DONE BY THE SIGNING SURVEYOR TO DETERMINE WHICH INSTRUMENTS, IF ANY ARE AFFECTING THE SUBJECT PROPERTY

THIS SURVEY IS EXCLUSIVELY FOR THE USE OF THE PARTIES TO WHOM IT WAS CERTIFIED.

PURSUANT TO RULE 51-17 OF THE FLORIDA ADMINISTRATIVE CODE THE EXPECTED USE OF LAND IS SUBURBAN, THE MINIMUM RELATIVE DISTANCE ACCURACY FOR THIS TYPE OF SURVEY IS 1 FOOT IN 7,500 FEET. THE ACCURACY OBTAINED BY MEASUREMENT AND CALCULATIONS OF CLOSED GEOMETRIC FIGURES WAS FOUND TO EXCEED THIS REQUIREMENT.

THERE ARE NO VISIBLE, ABOVE GROUND ENCROACHMENTS (a) BY THE IMPROVEMENTS OF THE SUBJECT PROPERTY UPON ADJOINTING PROPERTIES, STREETS OR ALLEYS, OR (b) BY THE IMPROVEMENTS OF THE ADJOINTING PROPERTIES, STREETS OR ALLEYS UPON THE SUBJECT PROPERTY OTHER THAN THOSE SHOWN ON THES BOUNDARY SURVEY.

THERE ARE NO VISIBLE EASEMENTS OR RIGHT-OF-WAY OF WHICH THE UNDERSIGNED HAS BEEN ADVISED OTHER THAN THOSE SHOWN ON THIS SURVEY.

THE MAP OF SURVEY IS INTENDED TO BE DISPLAYED AT THE SHOWN GRAPHIC SCALE IN ENGLISH UNITS OF MEASUREMENT. IN SOME CASES GRAPHIC REPRESENTATION HAVE BEEN EXAGERATED TO MORE CLEARLY ILLUSTRATE A PARTICULAR AREA WHERE DIMENSIONS SHALL HAVE PREFERENCE OVER GRAPHIC LOCATION.

THE ELEVATIONS (IF ANY) OF WELL-IDENTIFIED FEATURES AS DEPICTED ON THIS SURVEY AND MAP WERE MEASURED TO AN ESTIMATED VERTICAL POSITIONAL ACCURACY OF M2 FOOT FOR NATURAL GROUND SURFACES AND 3/100 FOOT FOR HARDSCAPE SURFACES, INCLUDING PAVEMENT, CURBS, SIDEWALKS AND OTHER MANMADE STRUCTURES.

THE SURVEYOR MAKES NO REPRESENTATION AS TO OWNERSHIP, POSSESSION OR OCCUPATION OF THE SUBJECT PROPERTY BY ANY ENTITY OR INDIVIDUAL

ANY FEMA FLOOD ZONE INFORMATION PROVIDED ON THIS SURVEY IS FOR INFORMATIONAL PURPOSE ONLY AND IT WAS OBTAINED AT WWW.FEMA.COM.

IF YOU ARE READING THIS BOUNDARY SURVEY IN AN ELECTRONIC FORMAT, THE INFORMATION CONTAINED ON THIS DOCUMENT IS ONLY VALID IF THIS DOCUMENT IS ELECTRONICALLY SIGNED AS SPECIFIED IN CHAPTER CHAPTER 53-17.062 (3) OF THE FLORIDA ADMINISTRATIVE CODE. IF THIS DOCUMENT IS IN PAPER FORMAT, IT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE PROFESSIONAL LAND SURVEYOR AND MAPPER OF RECORD.

LEGAL DESCRIPTION:

LOT 8, IN BLOCK 3, OF NAUTILUS SUBDIVISION OF THE MIAMI BEACH BAY SHORE CO., ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 8, AT PAGE 95, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA; ALSO THAT PART OF LOT 7, IN BLOCK 3, OF NAUTILUS SUBDIVISION, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 8, AT PAGE 95, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

BEGINNING ON THE SOUTHERLY LINE OF BAY ROAD AT THE POINT OF INTERSECTION WITH THE LINE DIVIDING LOTS 7 AND 8, OF BLOCK 3, OF NAUTILUS SUBDIVISION;THENCE NORTHEASTERLY ALONG THE SOUTHERLY LINE OF BAY ROAD A DISTANCE OF 30 FEET TO A POINT; THENCE SOUTHEASTERLY AT A RIGHT ANGLE TO THE SOUTHERLY LINE OF BAY ROAD A DISTANCE OF 100 FEET TO THE SOUTHEASTERLY LINE OF LOT 7, OF BLOCK 3, OF NAUTILUS SUBDIVISION; THENCE SOUTHEASTERLY ALONG THE SOUTHEASTERLY LINE OF BAY ROAD A DISTANCE OF 100 FEET TO THE 30 FEET TO A POINT; THENCE NORTHWESTERLY ALONG THE LINE DIVIDING LOTS 7 AND 8, OF BLOCK 3 OF NAUTILUS SUBDIVISION A DISTANCE OF 30 FEET TO A POINT; THENCE NORTHWESTERLY ALONG THE LINE DIVIDING LOTS 7 AND 8, OF BLOCK 3 OF NAUTILUS SUBDIVISION A DISTANCE OF 100 FEET TO THE SOUTHEASTERLY LINE OF LINE OF 30 FEET TO THE SOUTHEASTERLY ALONG THE SOUTHEASTERLY DISTANCE OF 100 FEET TO THE SOUTHEASTERLY ALONG THE SOUTHEASTERLY

WE HEREBY CERTIFY THAT THIS BOUNDARY AND TOPOGRAPHICAL SURVEY AND THE SURVEY MAP RESULTING THEREFROM WAS PERFORMED UNDER MY SUPERVISION AND/OR DIRECTION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND FURTHER, THAT SAID "BOUNDARY AND TOPOGRAPHICAL SURVEY" MEETS THE INTENT OF THE APPLICABLE PROVISIONS OF THE "STANDARDS OF PRACTICE FOR LAND SURVEYING IN THE STATE OF FLORIDA", PURSUANT TO RULE 53-17 OF THE FLORIDA ADMINISTRATIVE CODE AND ITS IMPLEMENTING LAW, CHAPTER 472,027 FOR THE FLORIDA STATUTES

American Services of Miami, Corp. Consulting Engineers . Planners . Surveyors 3195 PONCE DE LEON BLVD, SUITE 200 CORAL GABLES, FL 33134 PHONE: (305)598-5101 FAX: (305)598-8627 LB 6683 ASOMIAMI.COM



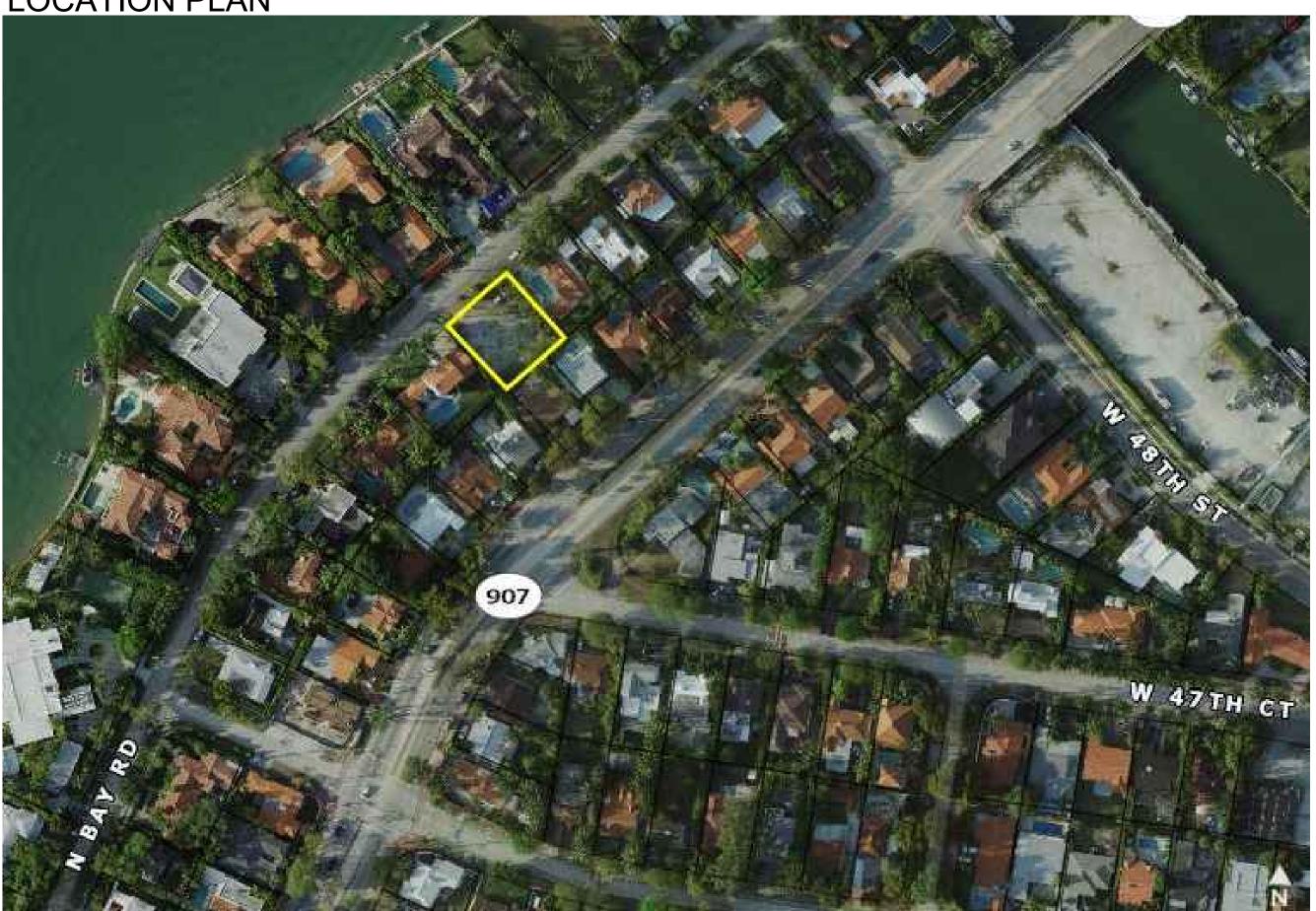
ABREVIATION (IF ANY A	PPLIED)
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SURVEYOR'S LEGEND (<u>IF ANT APPLIEU)</u>
BOUNDARY LINE	CATCH BASIN
	A 100 mile

	BOUNDARY LINE		CATCH BASIN
	BUUNDART LL 9C		
	STRUCTURE (BLDG.)	0	MANHOLE
	CONCRETE BLOCK WALL	O.E.	OVERHEAD ELECT.
	METAL FENCE	Ś	POWER POLE
	WOODEN FENCE	÷.	LIGHT POLE
	CHAIN LINK FENCE	R	HANDICAP SPACE
7////	WOOD DECK/DOCK	0	
	ASPHALTED AREAS	ъ	FIRE HYDRANT
× 2	CONCRETE -		EASEMENT LINE
KXX.	BRICKS OR PAVERS	M	WATER VALVE
\sim	ROOFED AREAS	by	TV-CABLE BOX
1000	WATER (EDGE OF WATER)	预料	WATER METER
Y: THE F	PROPERTY LIES WITHIN	ų.	CONC. LIGHT POLE

Ed Pino FESSIONAL LAND SURVEYOF AND MAEPER No:36/71 DATE : MARCH 15, 2021



LOCATION PLAN





NEIGHBORHOOD ANALYSIS - CONTEXT











NEIGHBORHOOD ANALYSIS - CONTEXT











ITEM #						
 1	Address:	4747 NORTH BAY ROAD MIAMI BEACH FL33140				
2	Folio number(s):	02-3222-011-0560				
3	Board and file numbers :					
4	Year built:	1926	Zoning District:		RS-4	
5	Based Flood Elevation:	+8.00' NGVD	Grade value in NGVD):	+4.00' NGVD	
6	Adjusted grade (Flood+Grade/2):	+6.00' NGVD	Free board:		+5.00'	
7	Lot Area:	9,000 SF				
8	Lot width:	90'-0"	Lot Depth:		100'-0"	
9	Max Lot Coverage SF and %:	2,700 SF	Proposed Lot Covera	ge SF and %:	2,155.51 SF (23.95%	
10	Existing Lot Coverage SF and %:	2,997.32 SF (29.90%)	Lot coverage deduct	ed (garage-storage) SF:	600 SF (NOT INCL)	
11	Front Yard Open Space SF and %:	1,063.10 SF SF (59.06%)	Rear Yard Open Spa	ce SF and %:	1,396.86 SF (77.60	
12	Max Unit Size SF and %:	4,500 SF (50%)	Proposed Unit Size S		3,983.52 SF(44.26%)	
13	Existing First Floor Unit Size:	TBD	Proposed First Floor	Unit Size:	2,155.51 SF	
14	Existing Second Floor Unit Size		and % (Note: to exce	Proposed Second Floor volumetric Unit Size SF and % (Note: to exceed 70% of the first floor of the main home require DRB Approval)		
15	4 	TBD Proposed Second Floor Unit Size SF and %:		or Unit Size SF and %:	1,655.90 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:	24'-0"	TBD	24'-0"	N/A	
18	Setbacks:					
19	Front First level:	20'-0"	19'-10.8""	30'-0"	N/A	
20	Front Second level:	30'-0"	N/A	30'-0"	N/A	
21	Side 1:	11'-3"	7'-4"	11'-3"	N/A	
22	Side 2 or (facing street):	11'-3"	10'-0"	11'-3"	N/A	
23	Rear:	20'-0"	14'-3.5"	22'-0"	N/A	
	Accessory Structure Side 1:	N/A	N/A		N/A	
24	Accessory Structure Side 2 or (facing street) :	N/A	N/A		N/A	
25	Accessory Structure Rear:			N/A	N/A	
26	Sum of Side yard :	22'-6"	17'-4"	22'-6"	0	
27	Located within a Local Historic District	2		no		
28	Designated as an individual Historic Single Family Residence Site?		no			
29	Determined to be Architecturally Significant?		*	no		
Notes						

SINGLE FAMILY RESIDENTIAL - ZONING DATA SHEET

ITEM #	Zoning Information				
1	Address:	4747 NORTH BAY ROAD, N	MIAMI BEACH, FL-3314	10	
2	Folio number(s):	02-3222-011-0560			
3	Board and file numbers :		w.		5A
1	Year built:	1926	Zoning District:		RS-4
5	Based Flood Elevation:	.+8.00' NGVD	Grade value in NGVD:		.+4.00' NGVD
5	Adjusted grade (Flood+Grade/2):	.+6.00' NGVD	Free board:		.+5.00' NGVD
7	Lot Area:	9,000 SF			
3	Lot width:	90'-0"	Lot Depth:		100'-0"
)	Max Lot Coverage SF and %:	2,700 SF	Proposed Lot Coverage	ge SF and %:	2575 SF (28.61%)
0	Existing Lot Coverage SF and %:	VACANT LOT	Lot coverage deducte	d (garage-storage) SF:	600 SF (NOT INCL)
11	Front Yard Open Space SF and %:	1,132 (62.8%)	Rear Yard Open Space	SF and %:	1,542 SF (85.6%)
12	Max Unit Size SF and %:	4,500(50%)	Proposed Unit Size SF	and %:	4463 SF(49.58%)
13	Existing First Floor Unit Size:		Proposed First Floor L	Jnit Size:	2575 SF (28.61%)
14	Existing Second Floor Unit Size		Proposed Second Floor volumetric Unit Size SF and % (Note: to exceed 70% of the first floor of the main home require DRB Approval)		N/A
.5	-		Proposed Second Floor Unit Size SF and %:		1805 SF
16			Proposed Roof Deck Area SF and % (Note: Maximum is 25% of the enclosed floor area immediately below):		442 SF (24%)
		Required	Existing	Proposed	Deficiencies
17	Height:	24'-0"	N/A	24'-0"	N/A
8	Setbacks:				N/A
.9	Front First level:	20'-0"	N/A	30'-0"	N/A
20	Front Second level:	30'-0"	N/A	30'-0"	N/A
21	Side 1:	11'-3"	N/A	11'-3"	N/A
22	Side 2 or (facing street):	11'-3"	N/A	11'-3"	N/A
23	Rear:	20'-0"	N/A	22'-0"	N/A
	Accessory Structure Side 1:	N/A	N/A	N/A	N/A
24	Accessory Structure Side 2 or (facing street) :	N/A	N/A	N/A	N/A
25	Accessory Structure Rear:	N/A	N/A	N/A	N/A
26	Sum of Side yard :	22'-6"	N/A	22'-6"	N/A
7	Located within a Local Historic District?			NO	
3.62		NO			
28	Designated as an individual Historic Sing	le Family Residence Site?		NO	

Notes:

If not applicable write N/A

All other data information should be presented like the above format

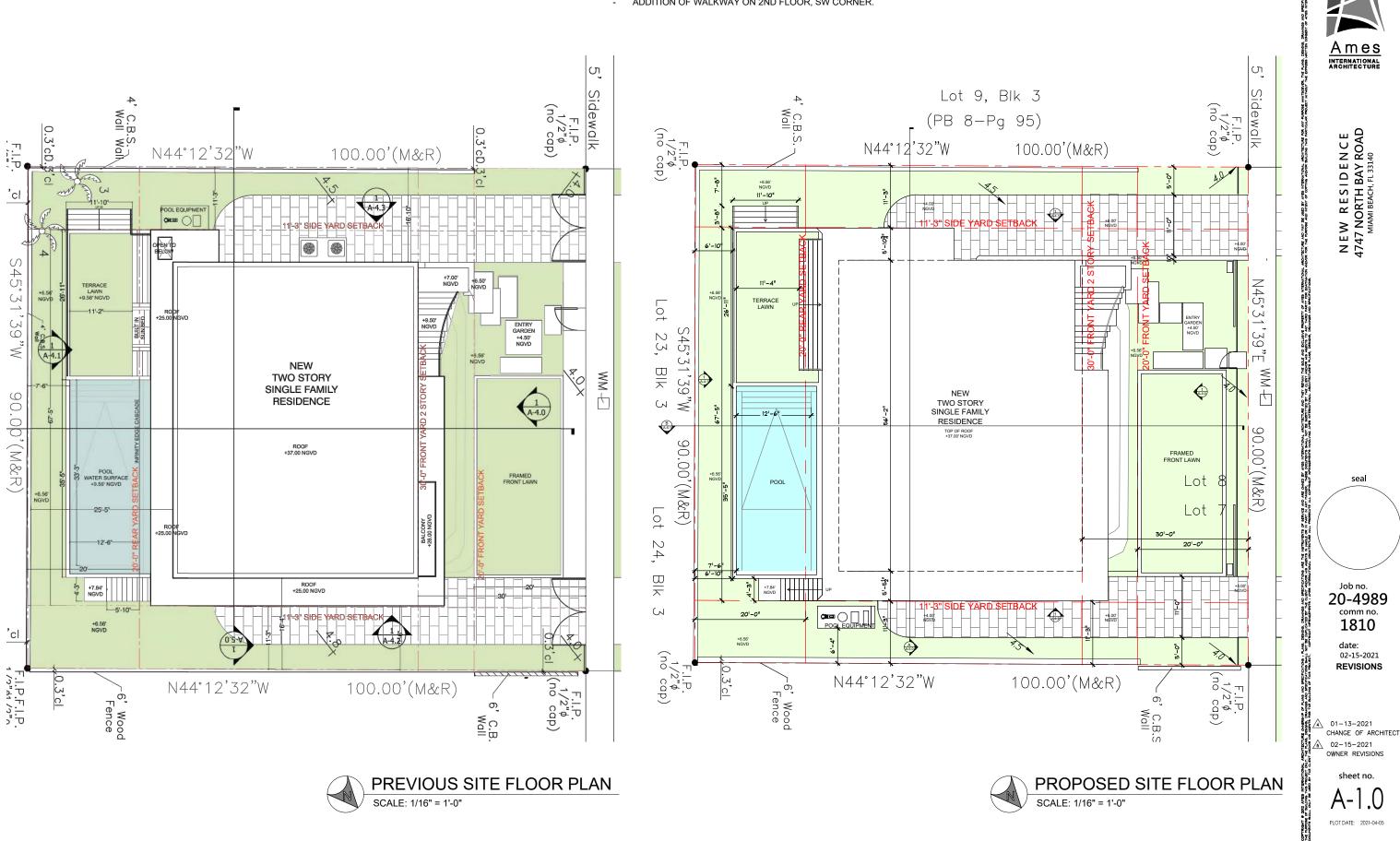
PREVIOUS ZONING DATA

PROPOSED ZONING DATA



NOTES: -

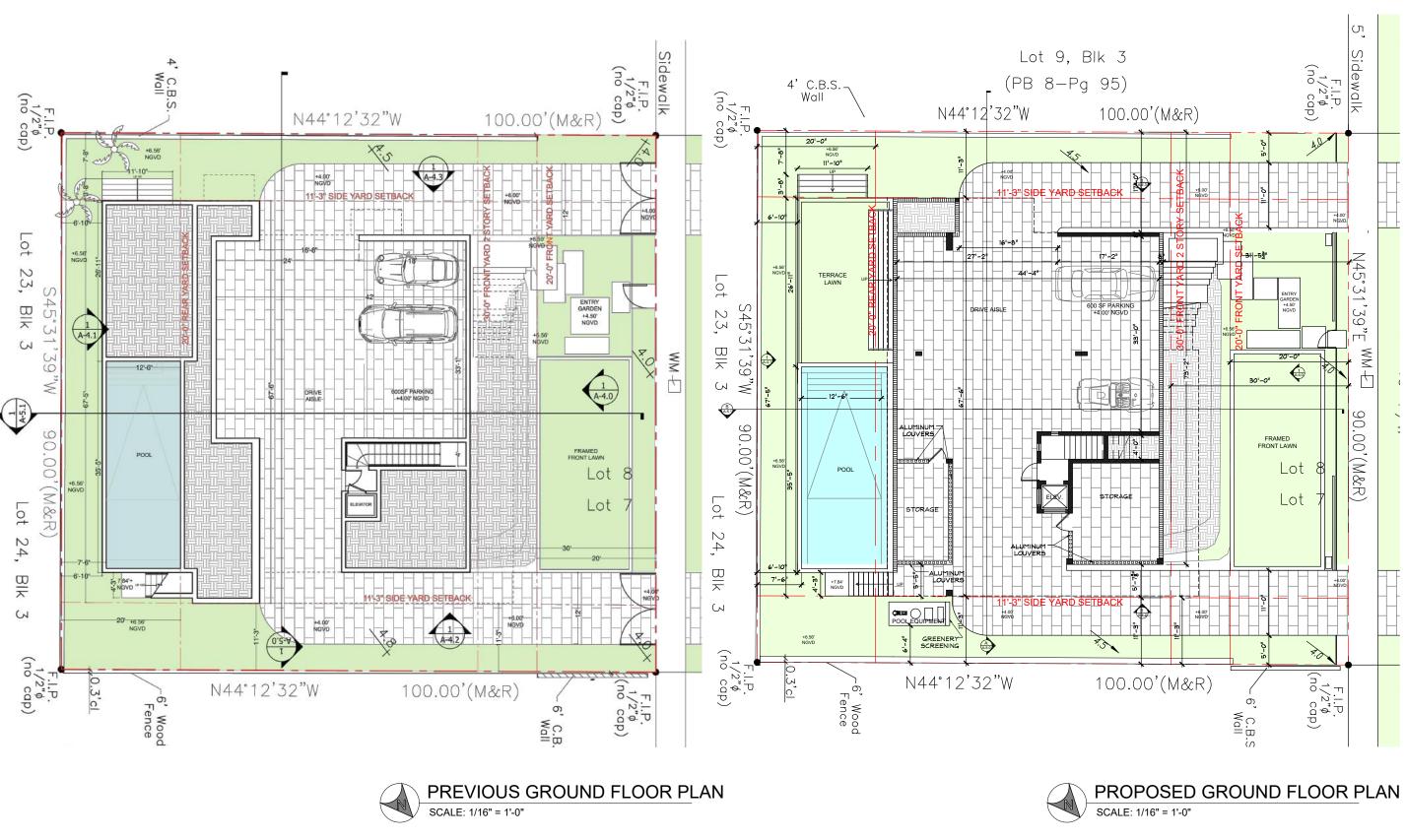
- FRONT GATE IS SHIFTED OVER TO ALLOW FOR VEHICULAR SLIDING GATE ACCESS.
- 1' OF GREEN IS PROVIDED FROM THE WALL OF THE HOUSE TO PREVENT WALL TO VEHICLE COLLISION. -
- REAR YARD, SUN BED IS REMOVED AND STAIRS ARE EXTENDED. -
- POOL EQUIPMENT IS MIRRORED TO THE OPPOSITE SIDE OF THE HOUSE. ADDITION OF WALKWAY ON 2ND FLOOR, SW CORNER. -



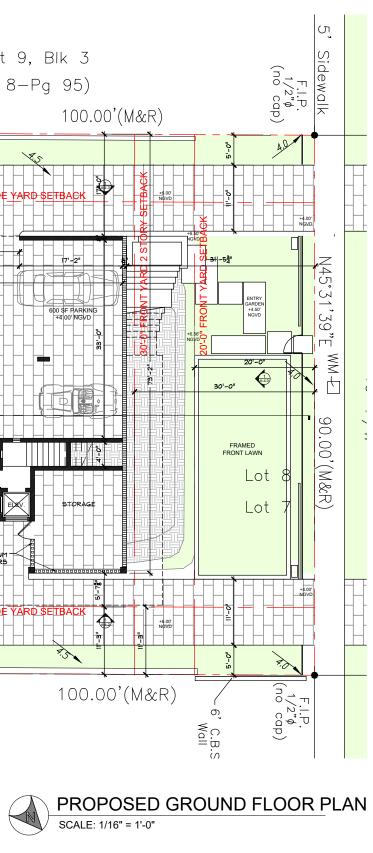
NOTES:

- 142-105 (d) THE USE OF THE UNDERSTORY IS SHALL BE FOR NON-HABITABLE PURPOSES, AND GIVEN THAT THE AREA MAY BE SUBJECT TO -FLOODING.
- DRIVE AISLE REAR WALL FLUSH WITH POOL
- NON-ENCLOSED STORAGE SPACES PROVIDED BY ELEVATOR AND POOL STAIRS, OPEN ON 50% WITH USE OF LOUVERS. 1' OF GREEN IS PROVIDED FROM THE WALL OF THE HOUSE TO PREVENT WALL TO VEHICLE COLLISION. -
- -





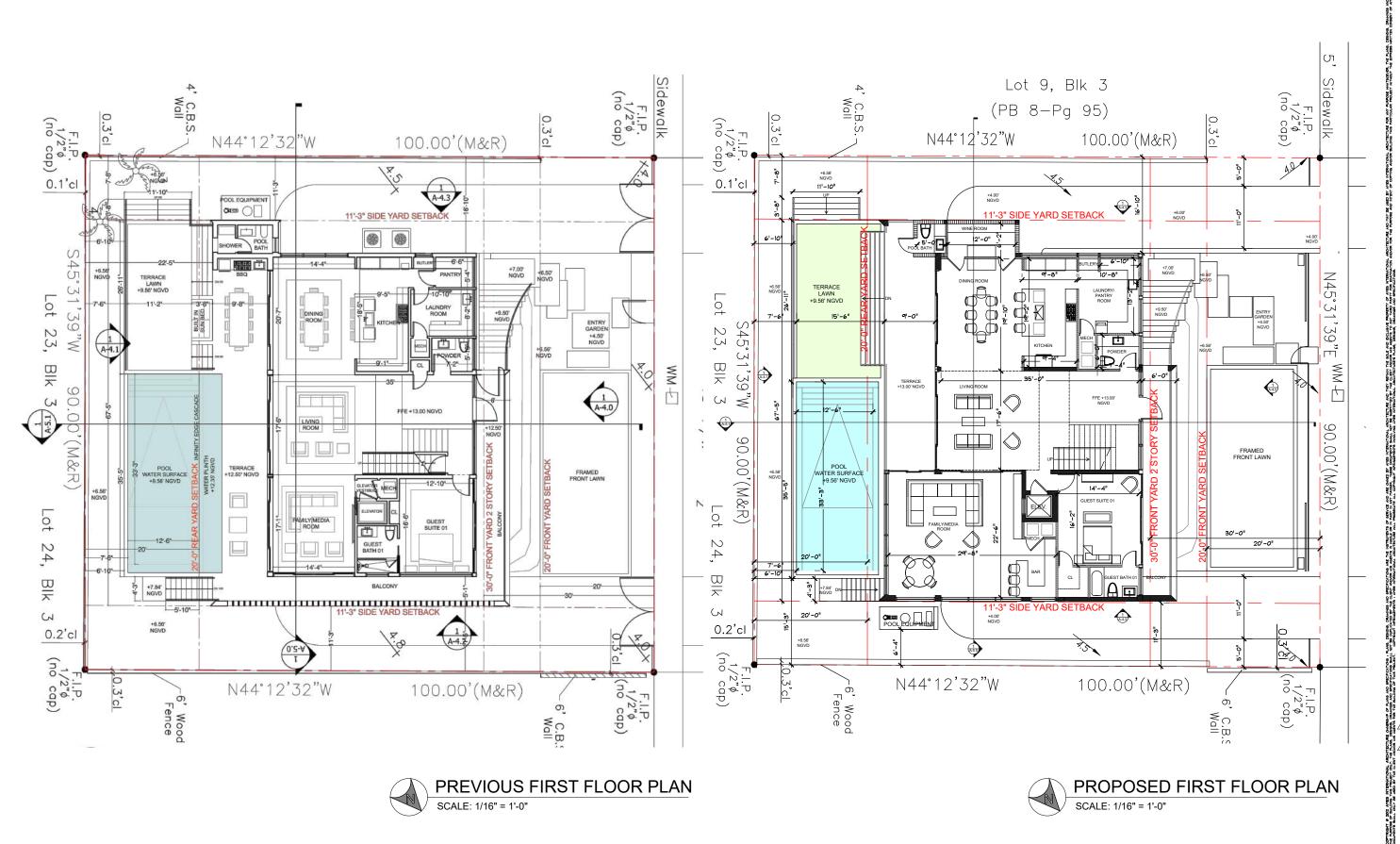






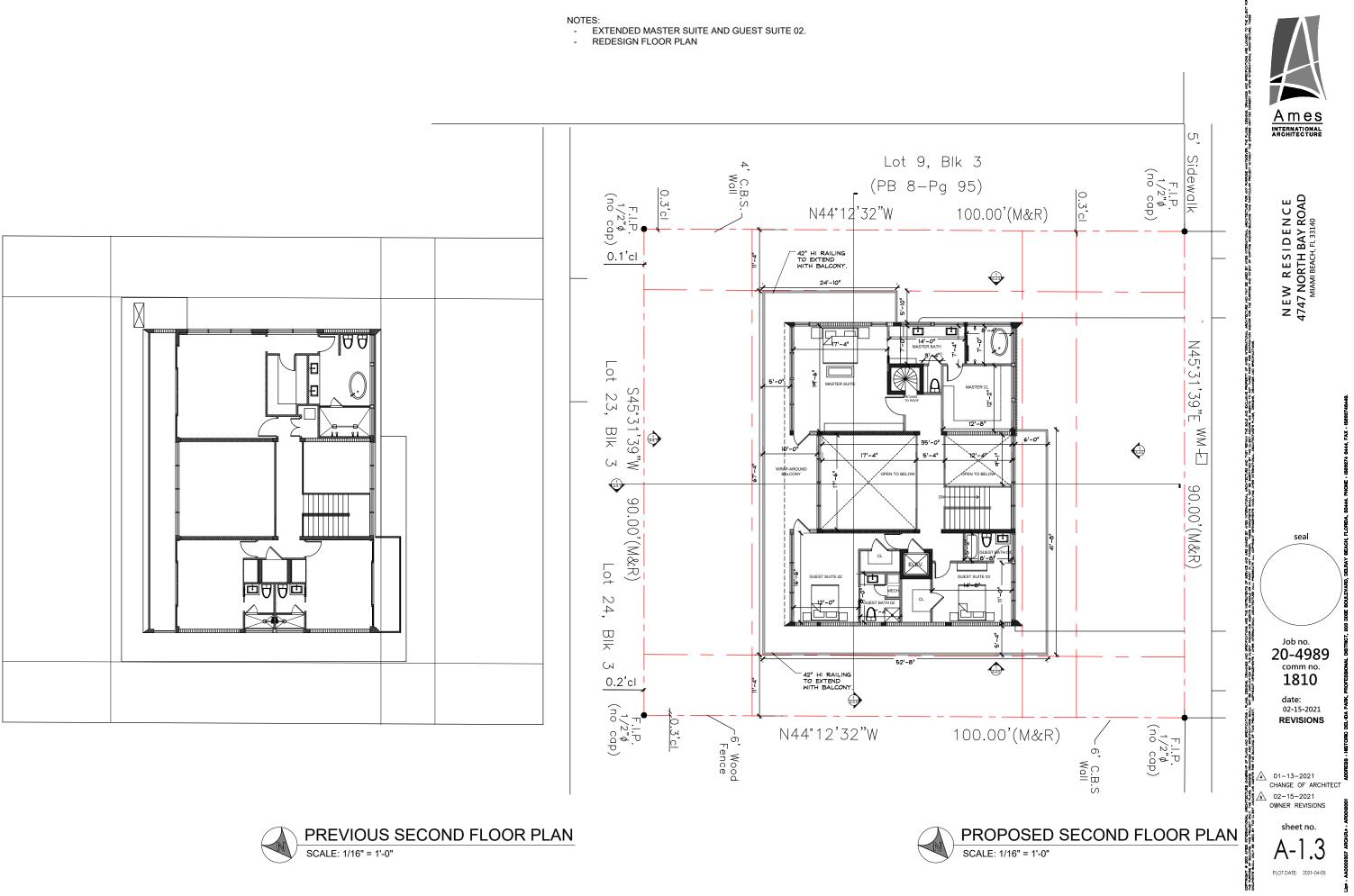
NOTES:

- EXTENDED WALLS/GLASS TO EDGE OF SETBACK TO MAXIMIZE SF, BY FAMILY ROOM, BAR, AND GUEST SUITE
- RE-ORGANIZE POWDER ROOM, MECHANICAL, LAUNDRY ROOM, AND POOL BATH. -
- ADDED A WINE ROOM BESIDE DINING ROOM. -
- A/C EQUIPMENT RELOCATED TO ROOF.
- SUN BED REMOVED AND STAIRS EXTENDED .

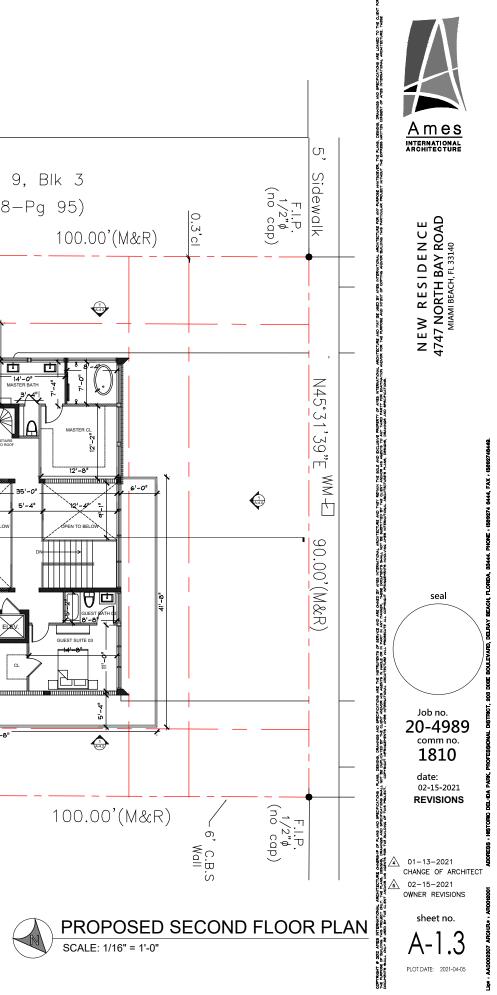


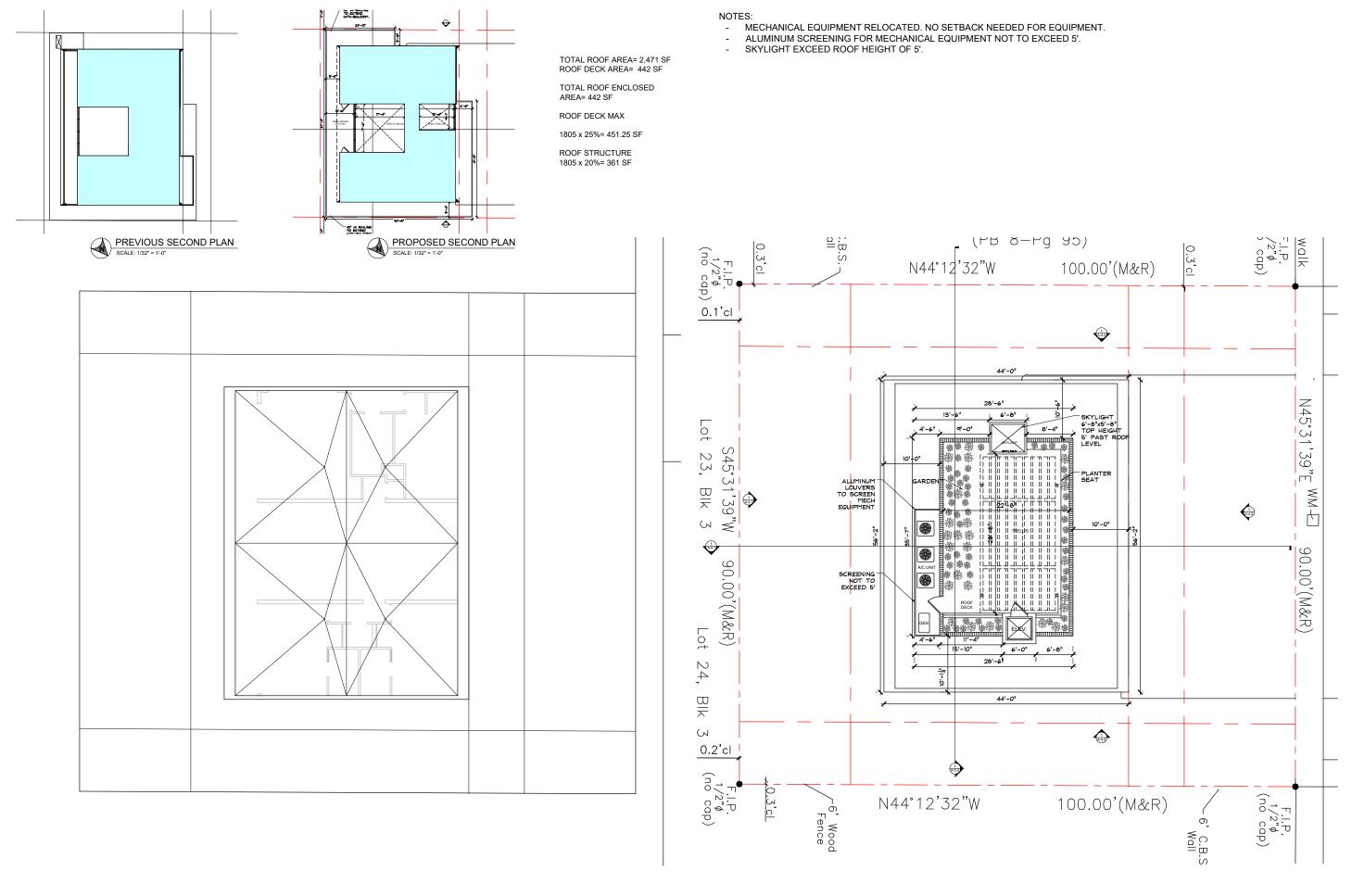










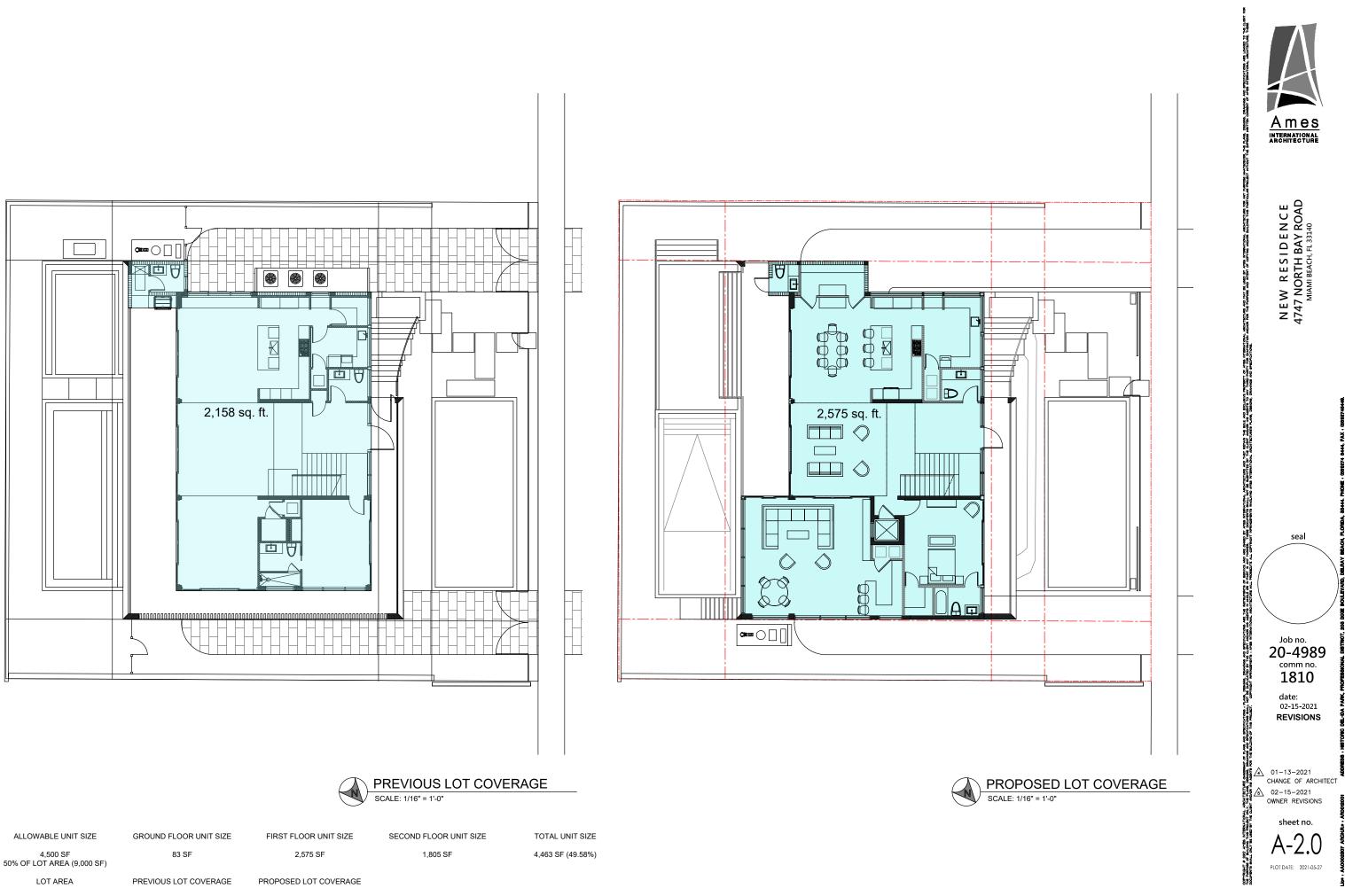








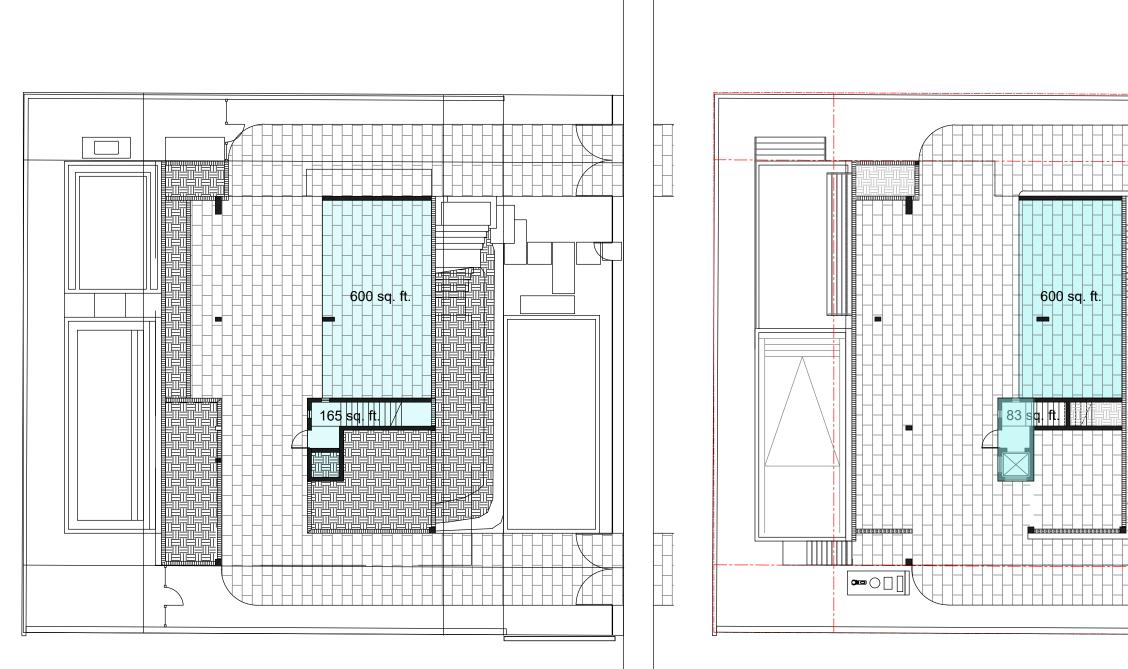




LOT AREA 9,000 SF

2,158 SF

2,575 SF



PREVIOUS GROUND UNIT SIZE



SCALE: 1/16" = 1'-0"

1,805 SF

ALLOWABLE UNIT SIZE

GROUND FLOOR UNIT SIZE 83 SF

2,158 SF

FIRST FLOOR UNIT SIZE

2,575 SF

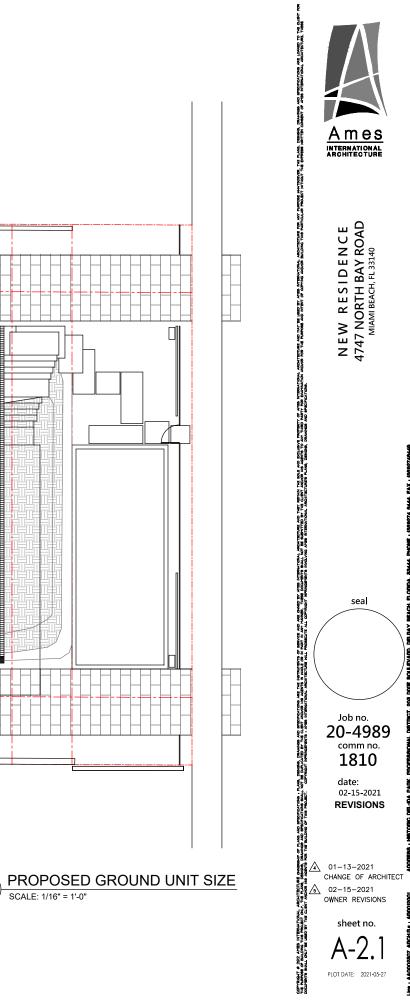
SECOND FLOOR UNIT SIZE 2,575 SF

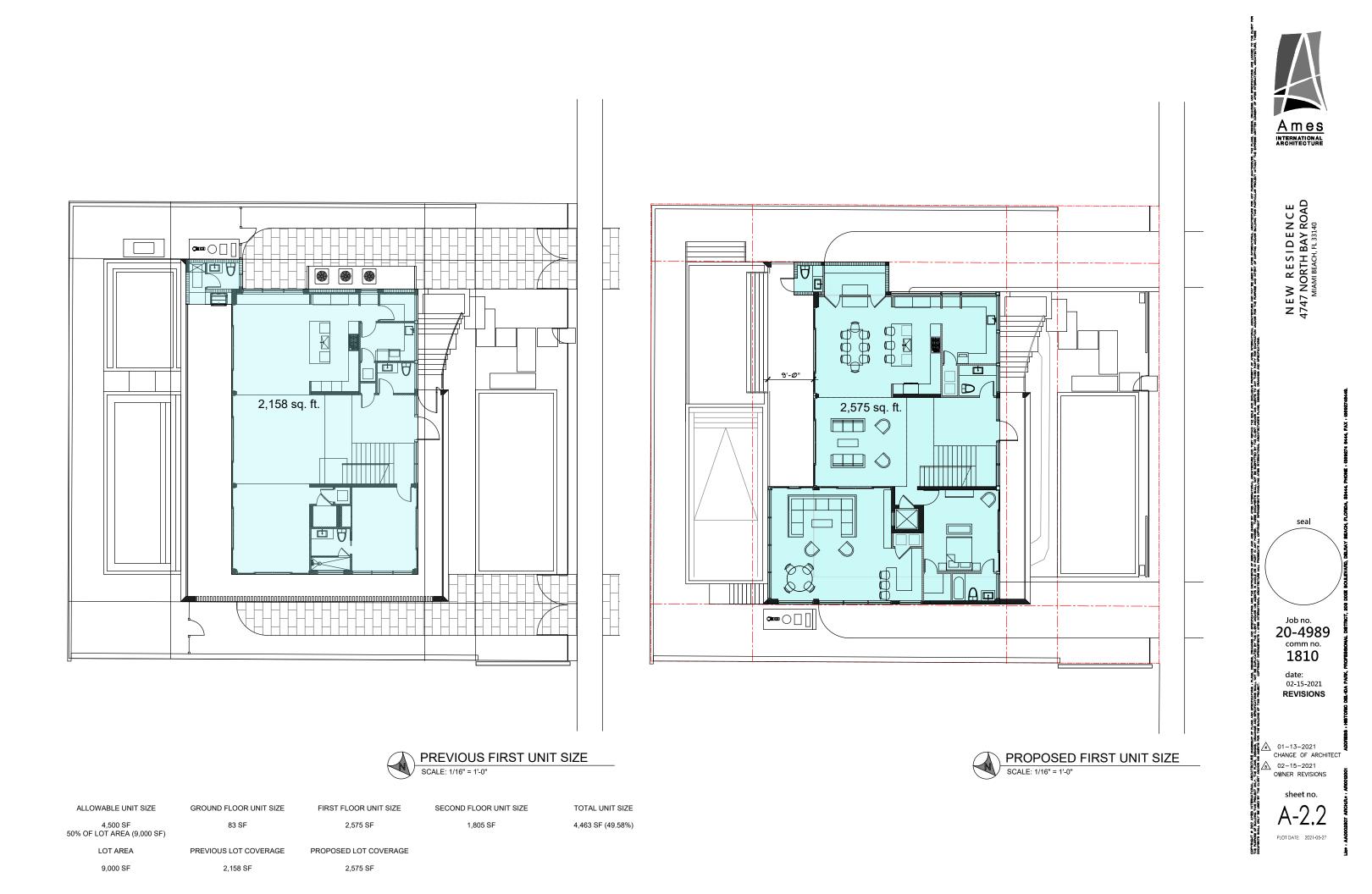
TOTAL UNIT SIZE 4,463 SF (49.58%)

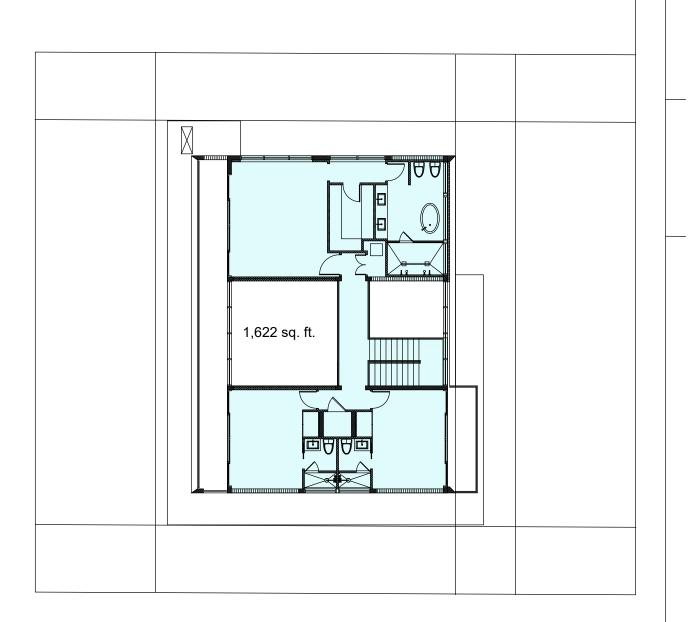
4,500 SF 50% OF LOT AREA (9,000 SF) LOT AREA

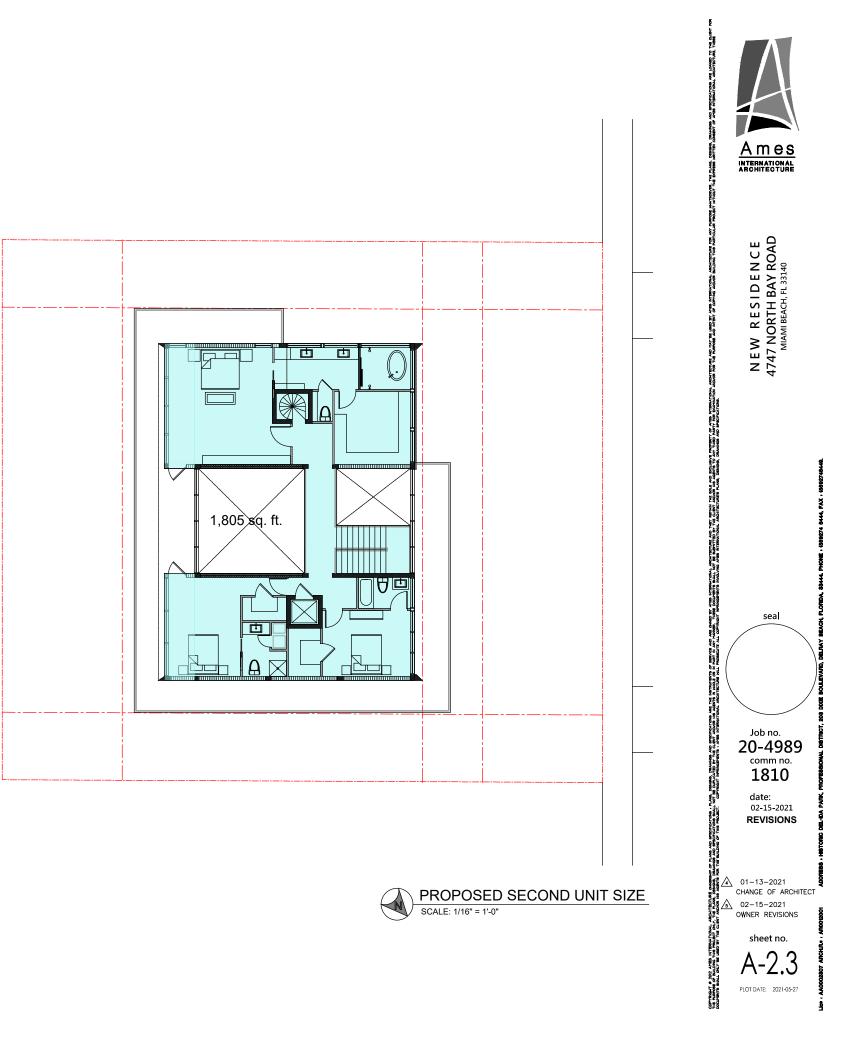
9,000 SF

PREVIOUS LOT COVERAGE PROPOSED LOT COVERAGE











ALLOWABLE UNIT SIZE

GROUND FLOOR UNIT SIZE

FIRST FLOOR UNIT SIZE

SECOND FLOOR UNIT SIZE

4,500 SF 50% OF LOT AREA (9,000 SF)

83 SF

2,575 SF

1,805 SF

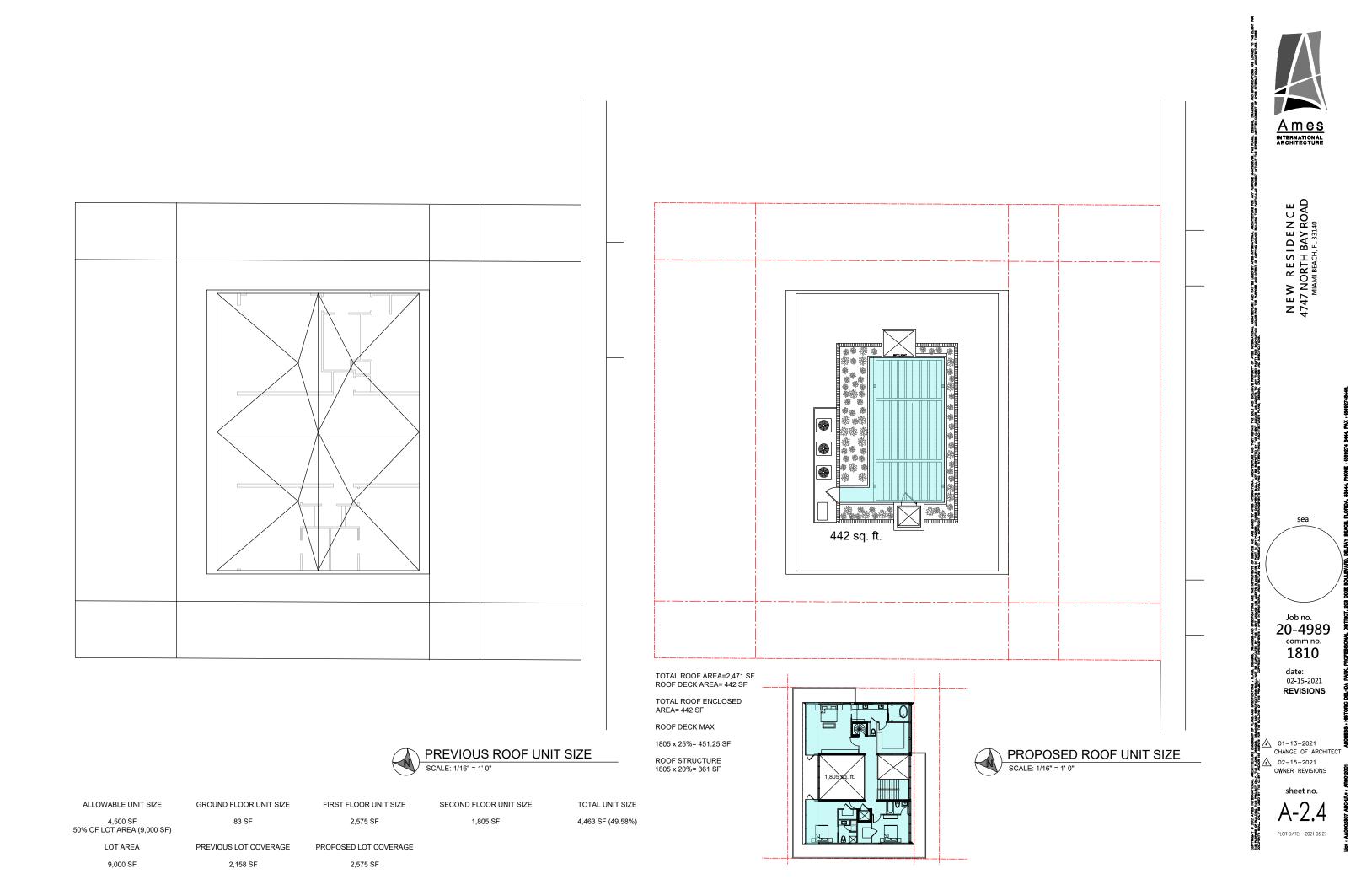
TOTAL UNIT SIZE 4,463 SF (49.58%)

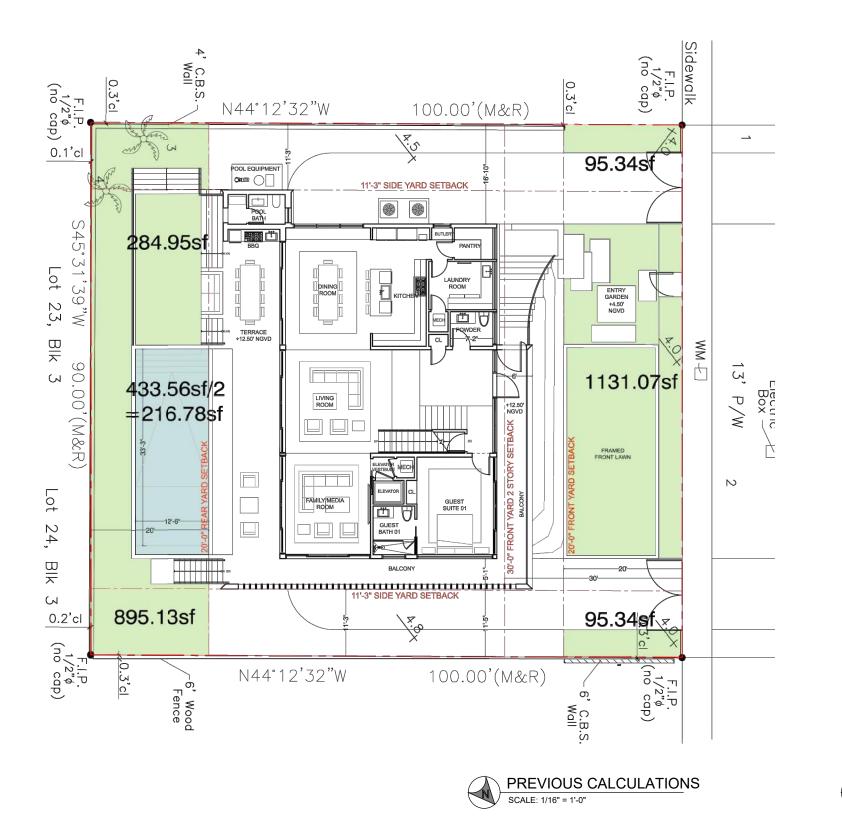
LOT AREA 9,000 SF

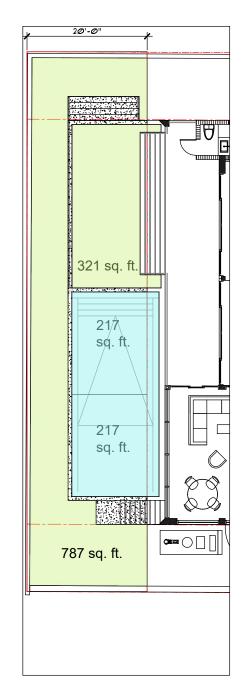
PREVIOUS LOT COVERAGE 2,158 SF

2,575 SF

PROPOSED LOT COVERAGE









LOT COVERAGE LEGEND:

RESIDENCE (BUILDING LOT COVERAGE)

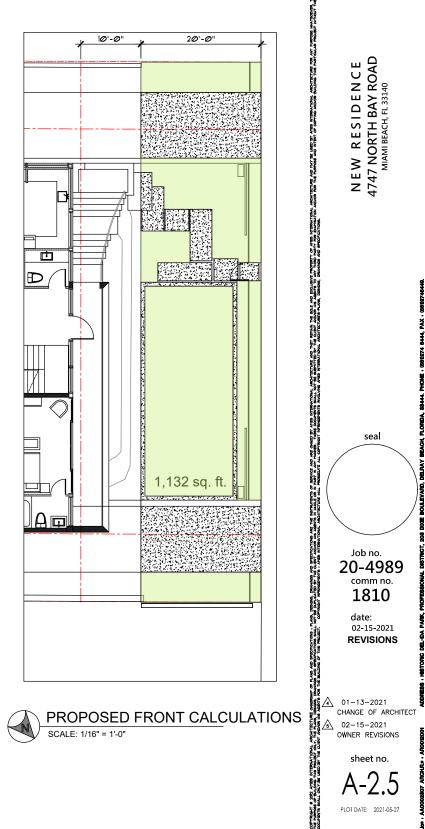
COVERED TERRACES BUILDING LOT COVERAGE

POOL

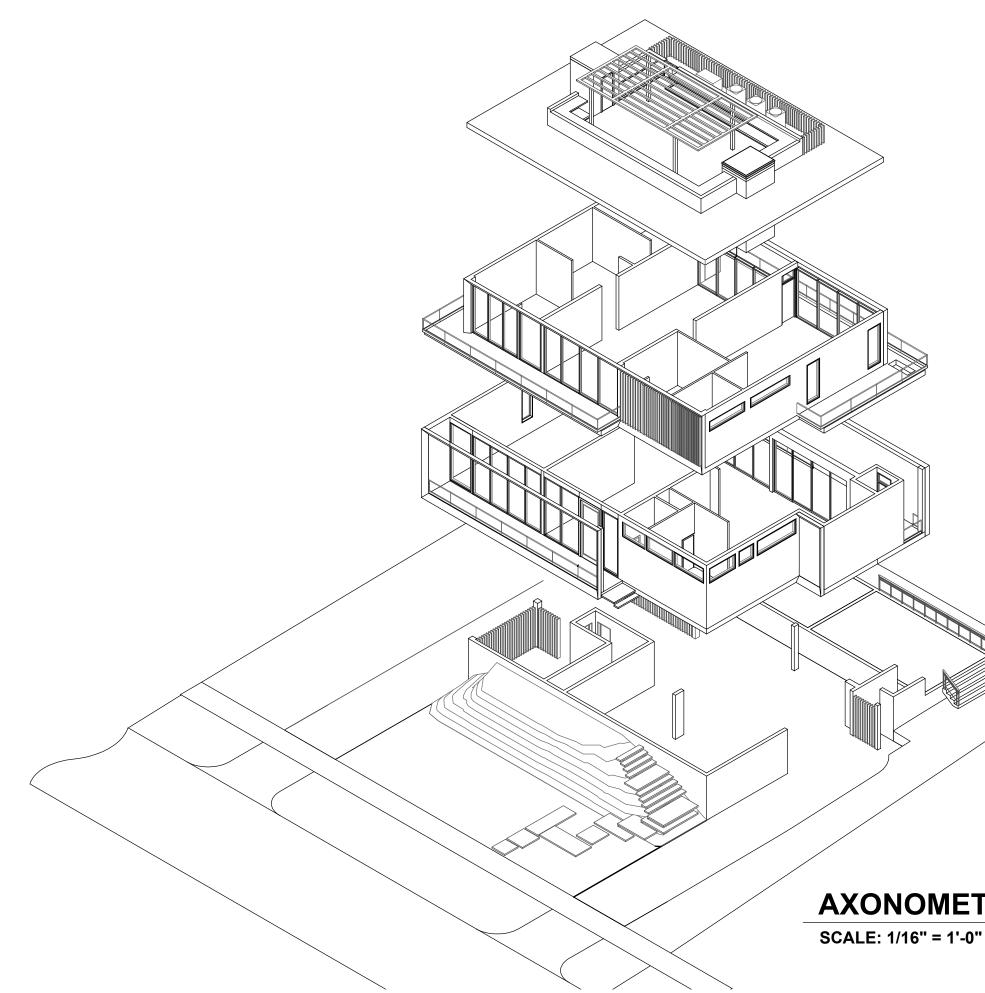


Ames

INTERNATIONAL



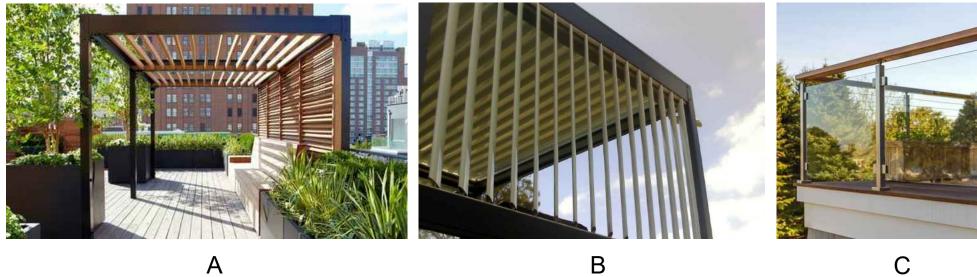
PLOT DATE: 2021-05-27



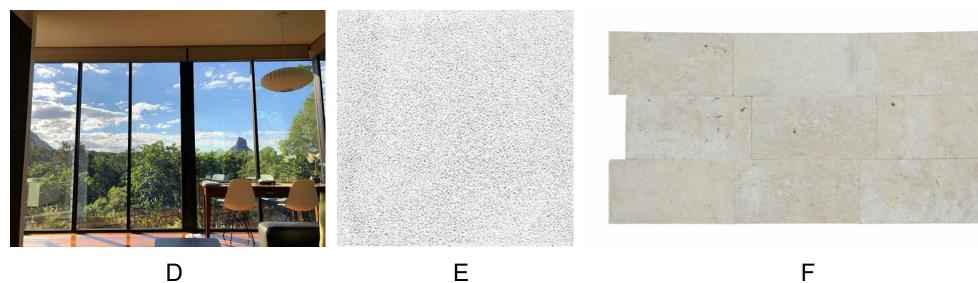




AXONOMETRIC DIAGRAM



Α



- A. ROOF / ALUMINUM TRELLIS MEMBERS TO BE FINISHED IN A LIGHT WOOD TONE.
- B. ALUMINUM LOUVERS
- C. TEMPERED GLASS GUARDRAIL WITH ALUMINUM RAIL
- D. IMPACT-RATED LIGHT TINTED LAMINATED GLASS ON DARK ALUMINUM FRAMING SYSTEM.
- E. EXTERIOR SMOOTH STUCCO FINISH ON MASONRY WALL
- F. CORAL STONE

MATERIAL BOARD









FRONT ELEVATION

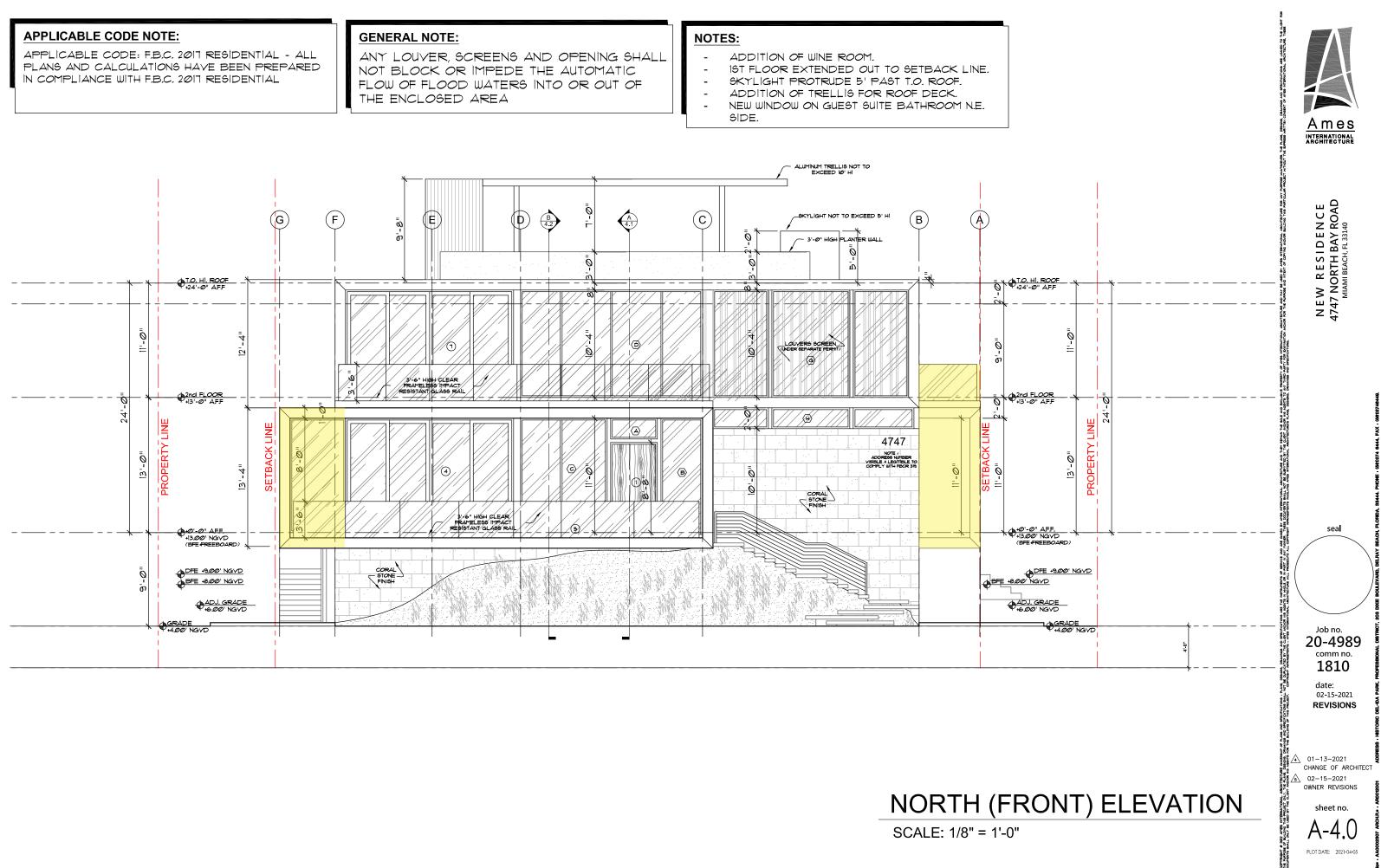


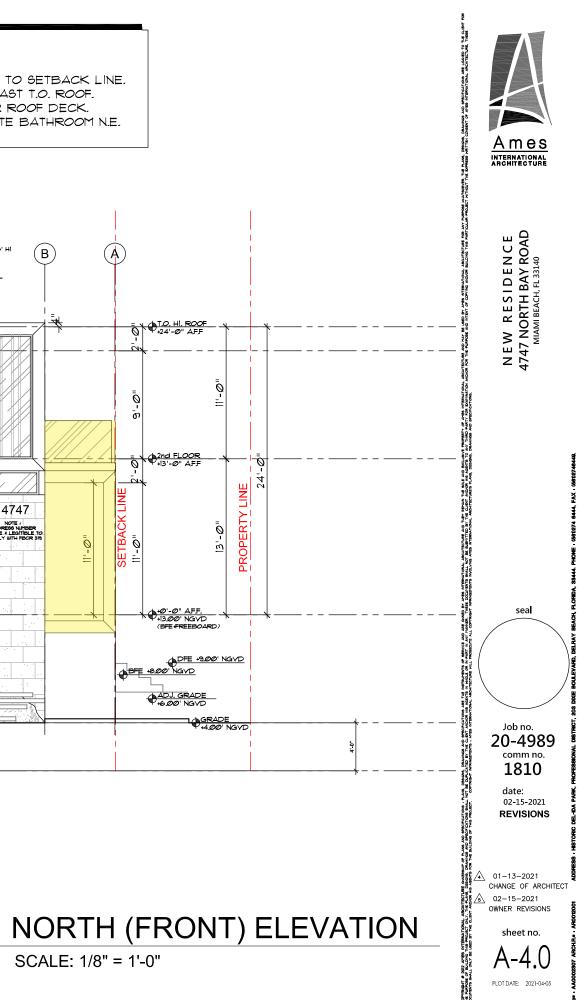


REAR ELEVATION



- -

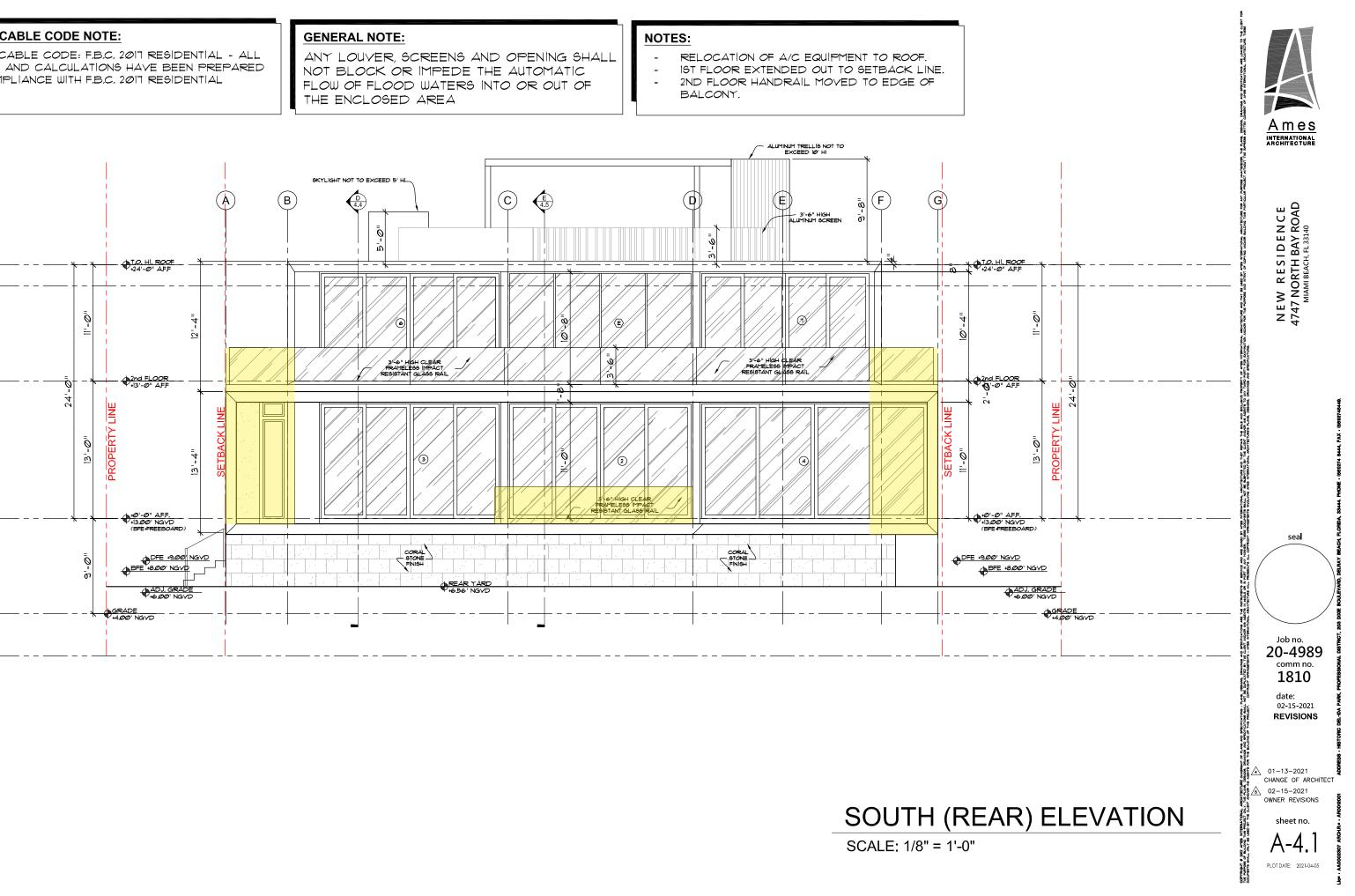


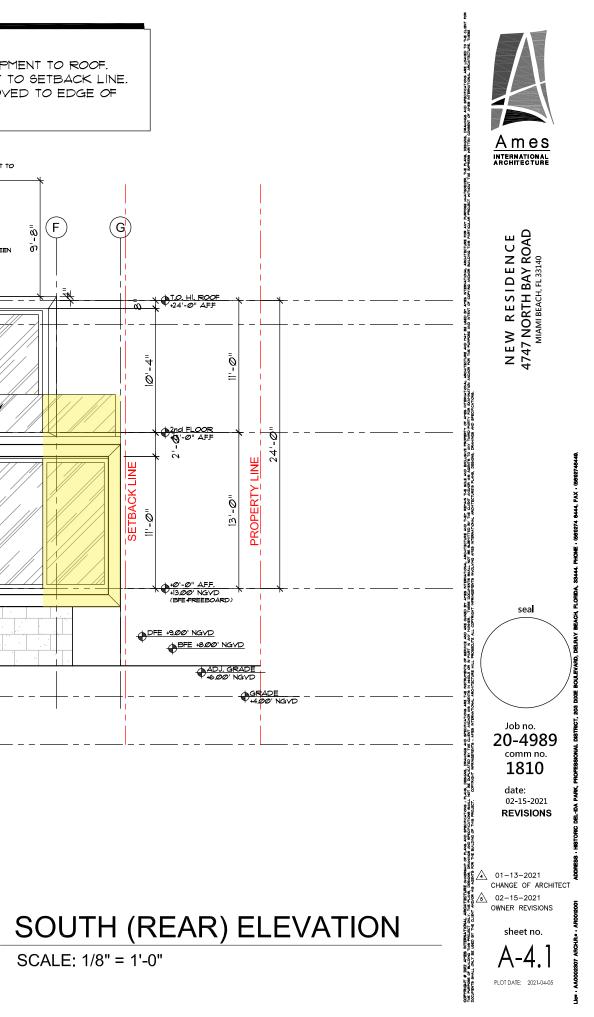


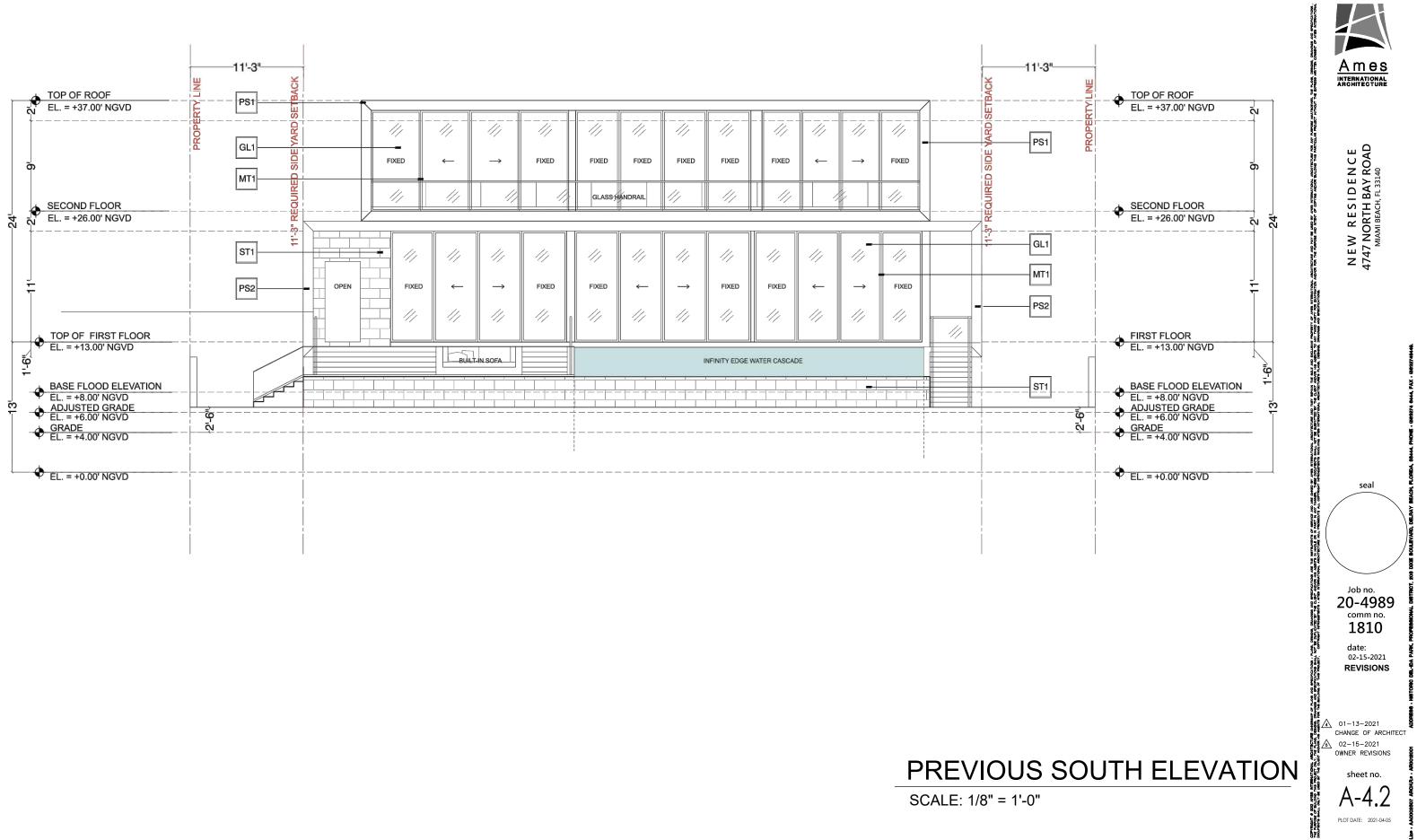
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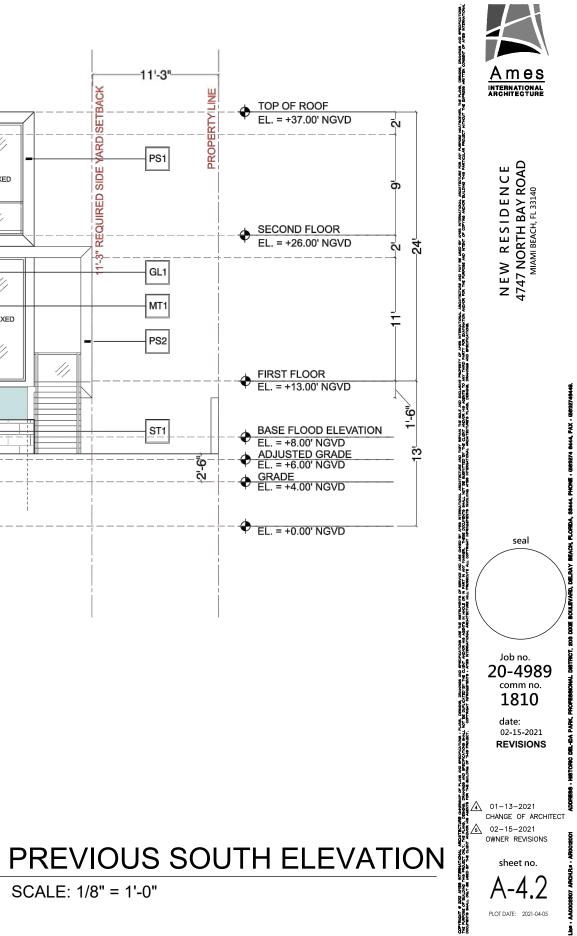
APPLICABLE CODE: F.B.C. 2017 RESIDENTIAL - ALL PLANG AND CALCULATIONS HAVE BEEN PREPARED IN COMPLIANCE WITH F.B.C. 2017 RESIDENTIAL

- RELOCATION OF A/C EQUIPMENT TO ROOF.
- 2ND FLOOR HANDRAIL MOVED TO EDGE OF





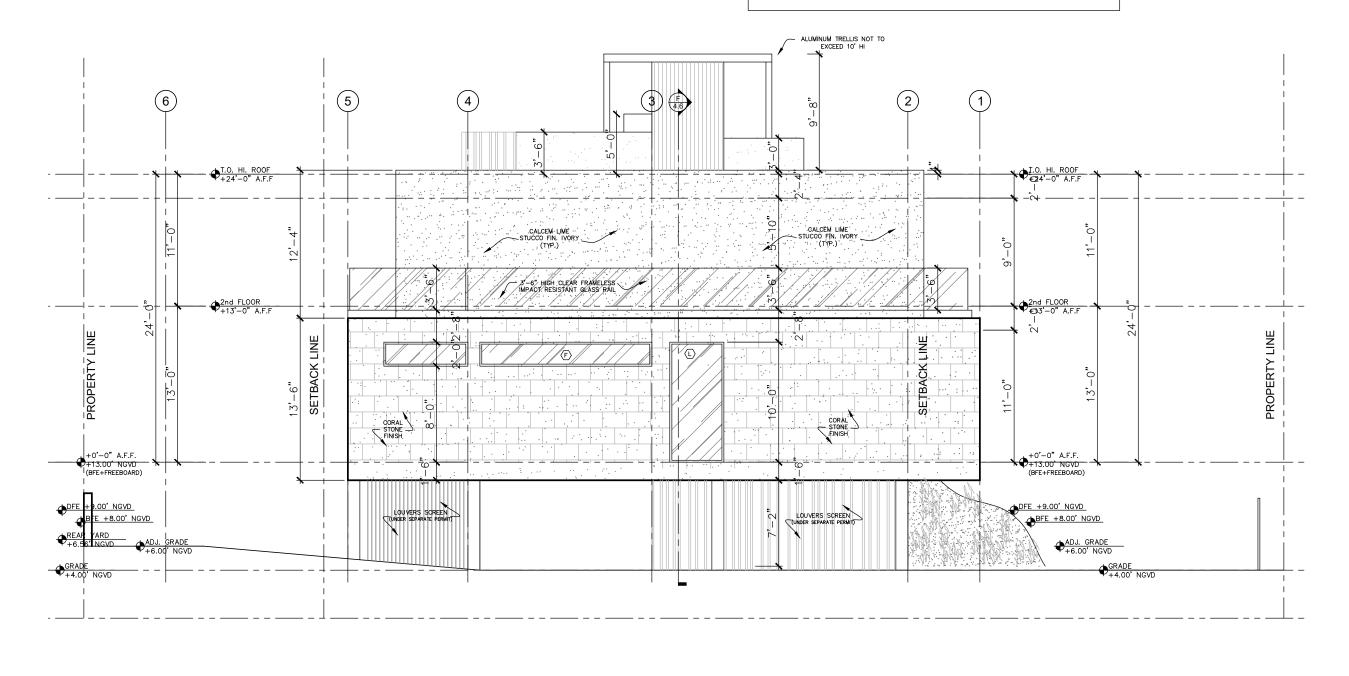




APPLICABLE CODE: F.B.C. 2017 RESIDENTIAL - ALL PLANS AND CALCULATIONS HAVE BEEN PREPARED IN COMPLIANCE WITH F.B.C. 2017 RESIDENTIAL

ANY LOUVER, SCREENS AND OPENING SHALL NOT BLOCK OR IMPEDE THE AUTOMATIC FLOW OF FLOOD WATERS INTO OR OUT OF THE ENCLOSED AREA

- FAMILY ROOM AND GUEST SUITE 1 EXTENDED TO _ SETBACK LINE.
- ADDITION OF CLERESTORY WINDOWS FAMILY ROOM. —
- 2ND FLOOR HANDRAIL MOVED TO EDGE OF _ BALCONY.





EAST (SIDE) ELEVATION

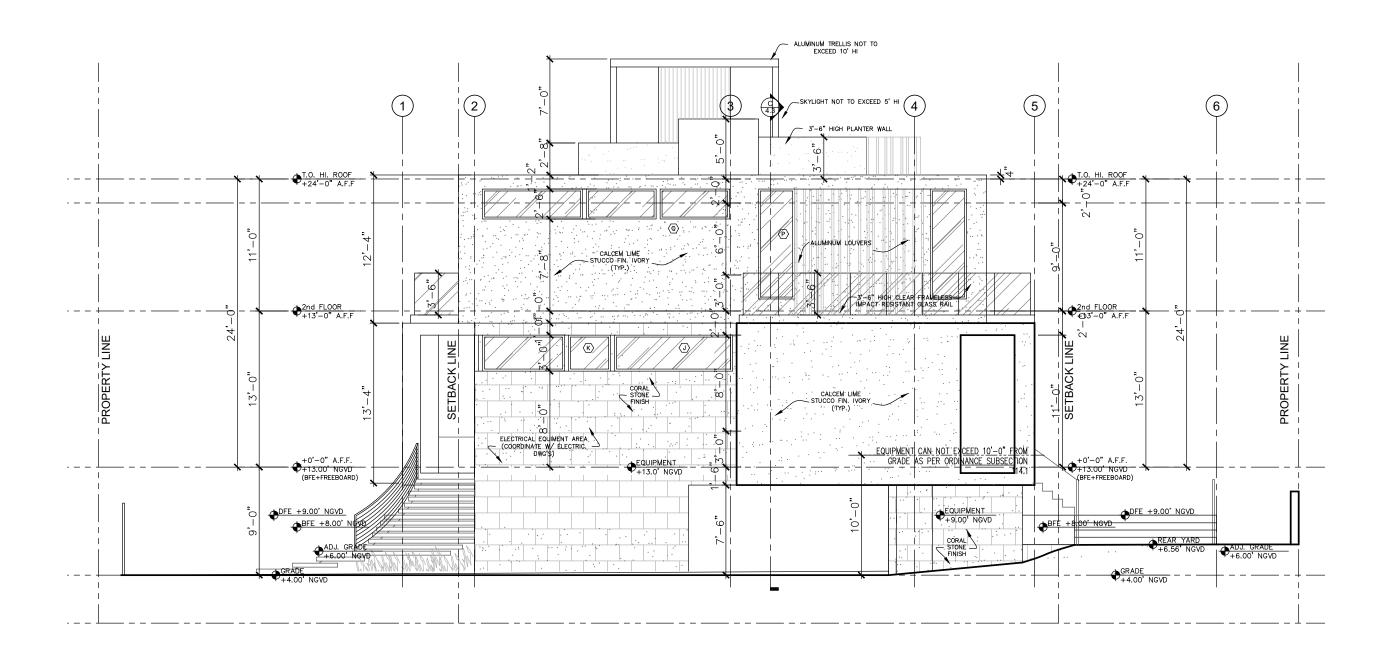


APPLICABLE CODE: F.B.C. 2017 RESIDENTIAL – ALL PLANS AND CALCULATIONS HAVE BEEN PREPARED IN COMPLIANCE WITH F.B.C. 2017 RESIDENTIAL ANY LOUVER, SCREENS AND OPENING SHALL NOT BLOCK OR IMPEDE THE AUTOMATIC FLOW OF FLOOD WATERS INTO OR OUT OF THE ENCLOSED AREA

- SKYLIGHT PROTRUDE 5' PAST T.O. ROOF.

- CLERESTORY WINDOWS FOR MASTER BATH.
- EXTENSION OF MASTER BEDROOM.

 2ND FLOOR HANDRAIL MOVED TO EDGE OF BALCONY.







SEE SHEET A-0.3 FOR ADDITIONAL NOTES SEE SHEET A-0.0 FOR PROJECT DATA SEE SHEET A-5.0 FOR DOOR & WINDOW SCHEDULES SEE SHEET A-5.1 FOR ADDITIONAL DETAILS

GENERAL NOTE:

ANY LOUVER, SCREENS AND OPENING SHALL NOT BLOCK OR IMPEDE THE AUTOMATIC FLOW OF FLOOD WATERS INTO OR OUT OF THE ENCLOSED AREA

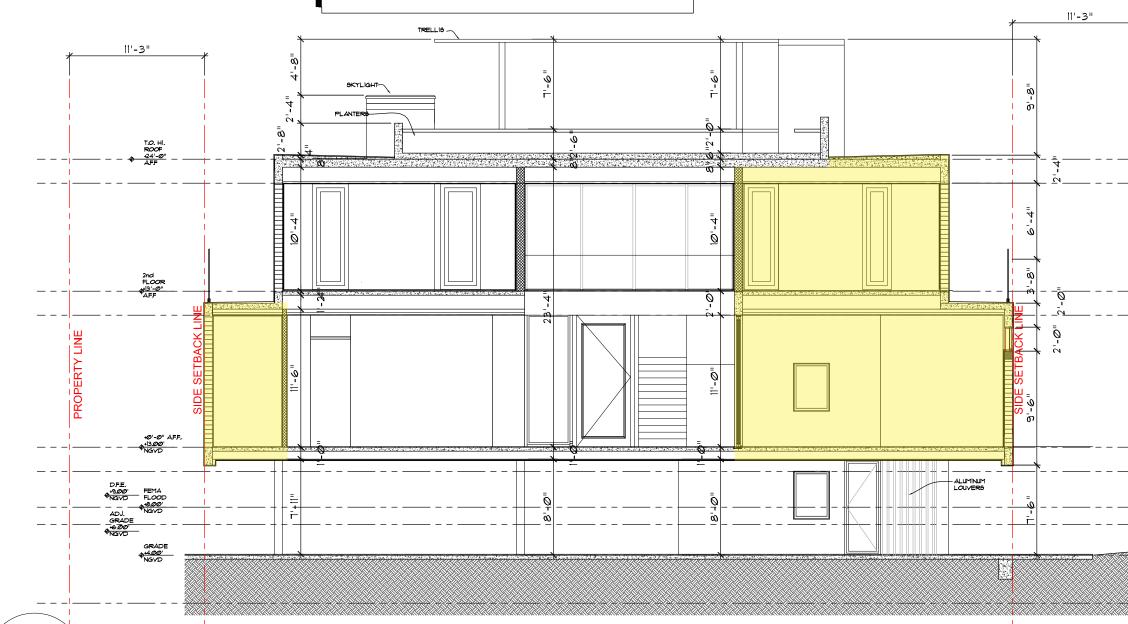
APPLICABLE CODE NOTE:

APPLICABLE CODE: F.B.C. 2017 RESIDENTIAL - ALL PLANS AND CALCULATIONS HAVE BEEN PREPARED IN COMPLIANCE WITH F.B.C. 2017 RESIDENTIAL

BELOW FLOOD NOTE:

ALL ELECTRICAL, MECHANICAL, & PLUMBING EQUIPMENT SERVICING THE BUILDING SHALL BE INSTALLED ABOVE DESIGN FLOOD ELEVATION (+9.00").

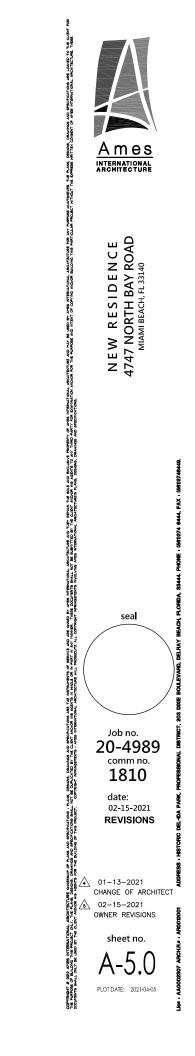
ALL CONSTRUCTION & FINISH MATERIALS BELOW DESIGN FLOOD ELEVATION ARE TO BE FLOOD RESISTANT.

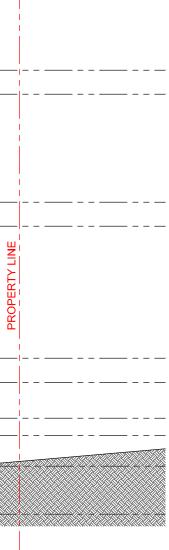


SCALE: 1/8" = 1'-0"

SECTION

A





NOTES:

SEE SHEET A-0,3 FOR ADDITIONAL NOTES SEE SHEET A-00 FOR PROJECT DATA SEE SHEET A-5.0 FOR DOOR & WINDOW SCHEDULES SEE SHEET A-5.1 FOR ADDITIONAL DETAILS

GENERAL NOTE:

ANY LOUVER, SCREENS AND OPENING SHALL NOT BLOCK OR IMPEDE THE AUTOMATIC FLOW OF FLOOD WATERS INTO OR OUT OF THE ENCLOSED AREA

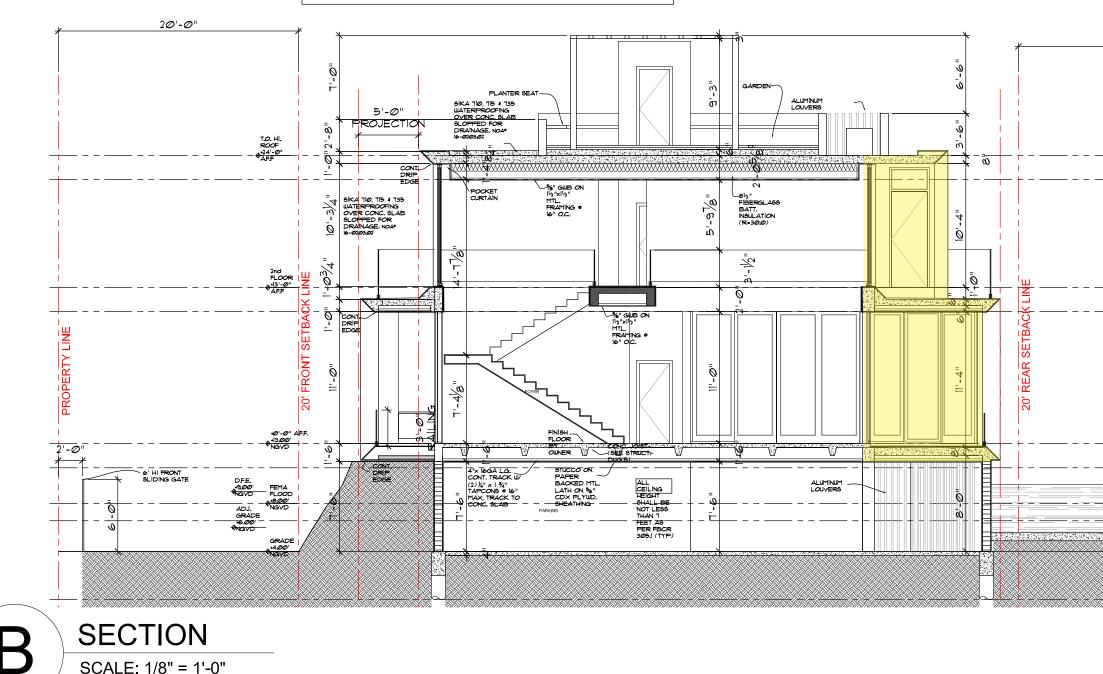
APPLICABLE CODE NOTE:

APPLICABLE CODE: F.B.C. 2017 RESIDENTIAL - ALL PLANS AND CALCULATIONS HAVE BEEN PREPARED IN COMPLIANCE WITH F.B.C. 2017 RESIDENTIAL

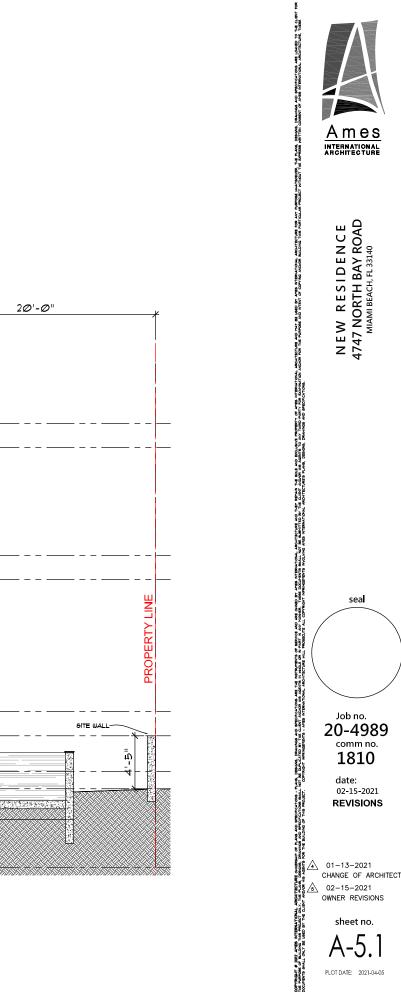
BELOW FLOOD NOTE:

ALL ELECTRICAL, MECHANICAL, & PLUMBING EQUIPMENT SERVICING THE BUILDING SHALL BE INSTALLED ABOVE DESIGN FLOOD ELEVATION (+9,00"),

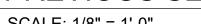
ALL CONSTRUCTION & FINISH MATERIALS BELOW DESIGN FLOOD ELEVATION ARE TO BE FLOOD RESISTANT,

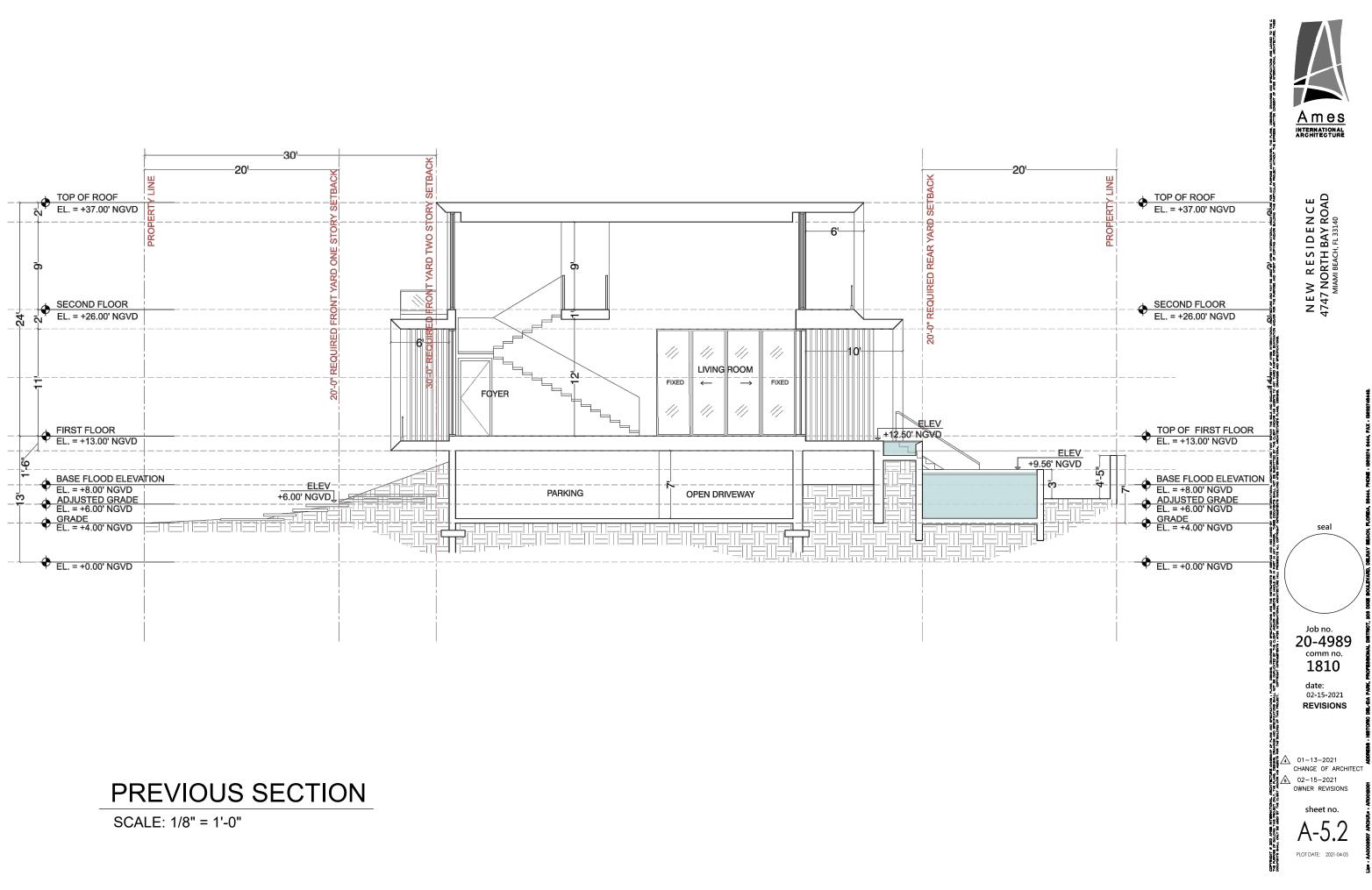


SCALE: 1/8" = 1'-0"



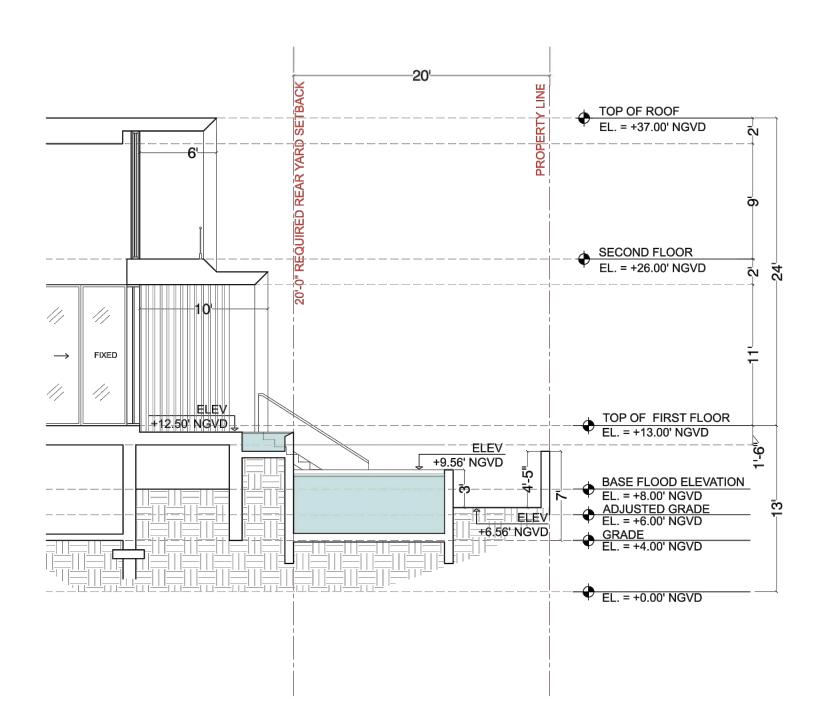
PLOT DATE: 2021-04-05





PREVIOUS SECTION







Calculation of Minimum and Maximum Yards

PROPERTY CONDITIONS

Waterfront Lot (Yes/No)	NO
Corner property (Yes/No)	NO
Sidewalk (yes/no)	YES
Sidewalk elevation at the centerline of the front of the property	4.000
Crown of road at center of property (if no sidwalk exists or is proposed)	
Flood Elevation	8.000
Freeboard (provided)	5.000

INTERIOR SIDEYARD CONDITIONS

Inidcate yes only for the

condition that applies		Max. Yard Elevation
Yes	Default Condion unless one of the below applies Maximum Yard Elevation	6.560
	Is the average grade of adjacent lot along the abutting side yard equal or greater than adjusted grade?	8.500
	Is the abutting property vacant?	8.500
	Is their a joint agreement between abutting properties, for a higher elevation, not to exceed flood elevation?	8.000

REAR YARD CONDITIONS

Inidcate yes only for the condition that applies		Max. Yard Elevation
Yes	Default Condion unless one of the below applies Maximum Yard Elevation	6.560
	Is the average grade of adjacent lot along the abutting side yard equal or greater than adjusted grade?	8.500
	Is the abutting property vacant?	8.500
	Is their a joint agreement between abutting properties, for a higher elevation, not to exceed flood elevation?	8.000

RESULTS	
Grade	4
Adjusted Grade	6
30" above Grade	6.5
Future Crown of Road	5.25
Future Adjusted Grade	7.125
Minimum Freeboard Elev.	9.000
Maximum Freeboard Elev.	13.000
Minimum Yard Elevation	6.56
Min. Garage elevation (for a detached or attached garage, not under the house	6
Minimum garage ceiling elevation	17.000

Front Yard	
Min Yard Elevation	6.560
Max Yard Elevation	7.125
Interior Side	
Min Yard Elevation	6.560
Max Yard Elevation	6.560
Interior Side	
Min Yard Elevation	6.560
Max yard Elevation	6.560
Non-Waterfront	
Min Yard Elevation	6.560
Max Yard Elevation	6.560

Minimum Yard Elevation: 6.560

Interior Side Yard

Maximum Yard Elevation:6.560

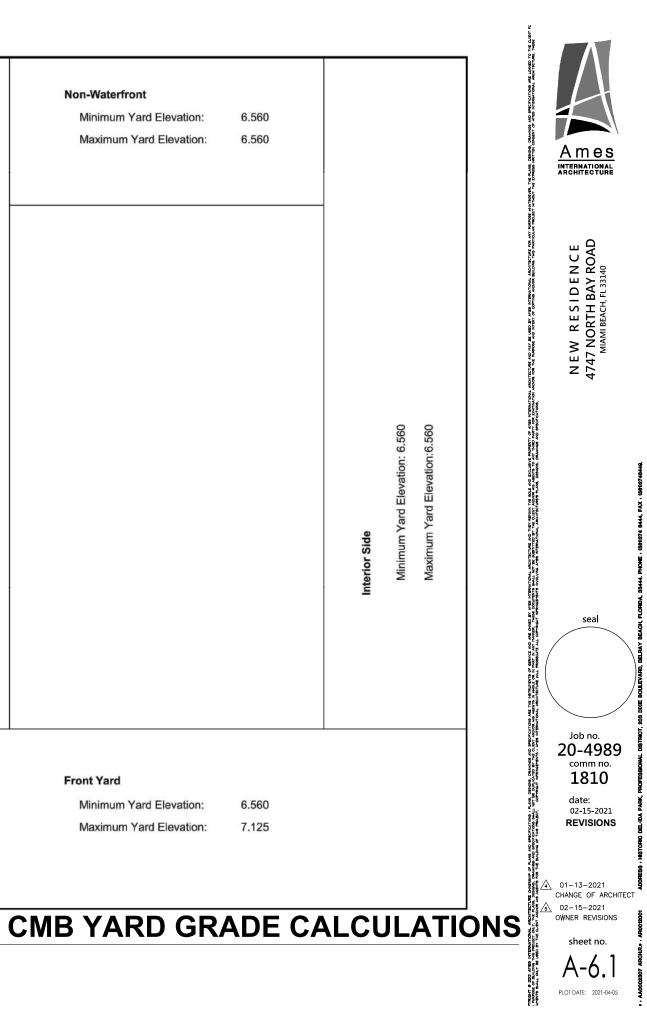
Non-Waterfront

Minimum Yard Elevation:

Maximum Yard Elevation:

Front Yard

Minimum Yard Elevation: Maximum Yard Elevation:



CALCULATION OF MINIMUM AND MAXIMUM YARDS

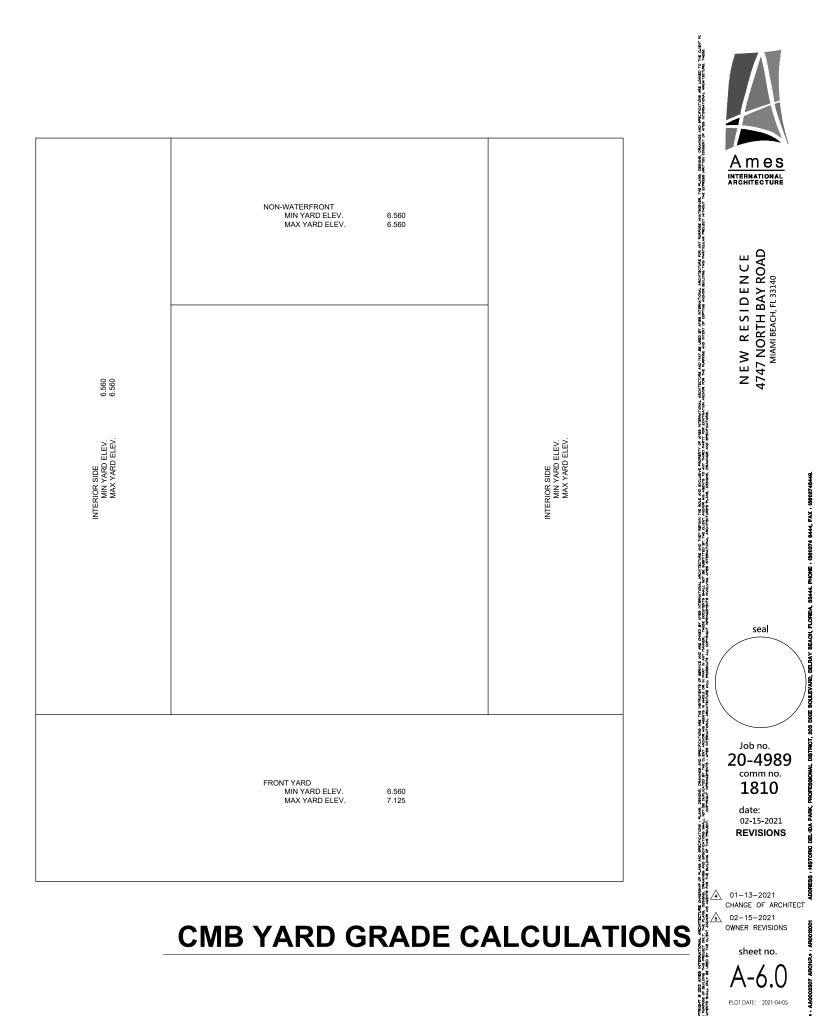
PROPERTY CONDITIONS	
WATERFRONT LOT (YES/NO)	NO
CORNER PROPERTY (YES/NO)	NO
SIDEWALK (YES/NO)	YES
SIDEWALK ELEVATION AT THE CENTERLINE OF THE FRONT OF THE PROPERTY	4.000
CROWN OF ROAD AT CENTER OF PROPERTY (IF NO SIDEWALK EXISTS OR IS PROPOSED)	
FLOOD ELEVATION	8.000
FREEBOARD (PROVIDED)	5.000

INTERIOR SIDEYARD CONDITIONS	MAX YARD ELEV.	INDICATE YES ONLY FOR THE CONDITION THAT APPLIES
DEFAULT CONDITION UNLESS ONE OF THE BELOW APPLIES MAXIMUM YARD ELEVATION	6.560	YES
IS THE AVERAGE GRADE OF THE ADJACENT LOT ALONG THE ABUTTING SIDE YARD EQUAL OR GREATER THAN ADJUSTED GRADE?	8.500	
IS THE ABUTTING PROPERTY VACANT?	8.500	
IS THEIR A JOINT AGREEMENT BETWEEN ABUTTING PROPERTIES, FOR A HIGHER ELEVATION, NOT TO EXCEED FLOOD ELEVATION?	8.000	

REAR YARD CONDITIONS	MAX YARD ELEV.	INDICATE YES ONLY FOR THE CONDITION THAT APPLIES
DEFAULT CONDITION UNLESS ONE OF THE BELOW APPLIES MAXIMUM YARD ELEVATION	6.560	YES
IS THE AVERAGE GRADE OF THE ADJACENT LOT ALONG THE ABUTTING SIDE YARD EQUAL OR GREATER THAN ADJUSTED GRADE?	8.500	
IS THE ABUTTING PROPERTY VACANT?	8.500	
IS THEIR A JOINT AGREEMENT BETWEEN ABUTTING PROPERTIES, FOR A HIGHER ELEVATION, NOT TO EXCEED FLOOD ELEVATION?	8.000	

RESULTS		
GRADE	4	
ADJUSTED GRADE	6	
30" ABOVE GRADE	6.5	
FUTURE CROWN OF ROAD	5.25	
FUTURE ADJUSTED GRADE	7.125	
MINIMUM FREEBOARD ELEV.	9.000	
MAXIMUM FREEBOARD ELEV.	13.000	
MINIMUM YARD ELEVATION	6.56	
MIN. GARAGE ELEVATION (FOR A DETACHED OR ATTACHED GARAGE, NOT UNDER THE HOUSE	6	
MINIMUM GARAGE CEILING ELEVATION	17.000	

RESULTS	
FRONT YARD MIN YARD ELEV. MAX YARD ELEV.	6.560 7.125
INTERIOR SIDE MIN YARD ELEV. MAX YARD ELEV.	6.560 6.560
INTERIOR SIDE MIN YARD ELEV. MAX YARD ELEV.	6.560 6.560
NON-WATERFRONT MIN YARD ELEV. MAX YARD ELEV.	6.560 6.560





FRONT VIEW

Ames INTERNATIONAL ARCHITECTURE N E W R E S I D E N C E 4747 NORTH BAY ROAD MIAMI BEACH, FL 33140 sea Job no. 20-4989 comm no. 1810 date: 02-15-2021 **REVISIONS** NTICHE SHALL ATTONS SHALL HS PROLIECT. 01-13-2021 CHANGE OF ARCHITECT 02-15-2021 OWNER REVISIONS sheet no. COPTRIGHT & 2012 AMES INTERNAT THE PURPOSE OF BUILDING THIS PROJE DOCUMENTS SHALL ONLY BE USED BY A-7.0 PLOT DATE: 2021-04-05



