

PATRIOT WINDOWS AND DOORS

GLAZING SYSTEMS FOR HARRIS LEVINE RESIDENCE 405 VISCAYA AVENUE, CORAL GABLES, FLORIDA 33134

DESIGN CRITERIA

2023 FLORIDA BUILDING CODE SEVENTH EDITION
WIND LOADS PER ASCE 7-22:

-BASIC WIND SPEED:	175 MPH
-EXPOSURE CATEGORY:	C
-RISK CATEGORY:	II
-WIND DIRECTIONAL FACTOR KD:	.85
-MEAN ROOF HEIGHT:	29 FT

GENERAL NOTES

- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.
- EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISHES OR STUCCO.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/ALUMINUM, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE SECTION 2003.8.4
- ALL STEEL PLATES TO BE A36, ALL STEEL TUBING TO BE A500, GRADE B (Fy=46KSI).
- ALL WELDING TO BE PER THE AWS SPECIFICATIONS.
- ALL ALUMINUM TO BE 6061-T6, AS PER SPECIFICATION 2 OF THE ALUMINUM DESIGN MANUAL.
- WOOD BUCKS TO BE 1X OR 2X FULL DEPTH OF GLAZING FRAMES TO SUBSTRATE AS FOLLOWS: 1/4" TAPCON WITH 1-3/4" EMBED @ 12" O.C. INTO CONCRETE OR #14 SMS/TEKS @ 12" O.C. INTO METAL. PROVIDE CLUSTER OF [2] AT JAMB ENDS AND EACH SIDE OF MULLION, AND MUST ADHERE TO EDGE DISTANCE AND SPACING LIMITATIONS.
- DLGE WILL NOT PROVIDE A STATEMENT OF INSPECTION UNLESS CALLED PRIOR TO INSTALLATION.
- SHOP DRAWING COVER STRUCTURAL REQUIREMENTS ONLY.
- ALL WINDOW OPENINGS IDENTIFIED AS EGRESS SHALL BE UNOBSTRUCTED AND SHALL HAVE A MINIMUM NET CLEAR OPENING HEIGHT OF 24", A NET CLEAR OPENING WIDTH OF 20" AND A MINIMUM NET CLEAR OPENING AREA OF 5.7 S.F. (5.0 S.F. FOR GRADE LEVEL WINDOWS).
- ALL EGRESS WINDOWS SHALL HAVE A SILL HEIGHT NOT TO EXCEED 44" ABOVE FINISHED FLOOR.
- ALL WINDOWS SHALL NOT HAVE A SILL HEIGHT LESS THAN 36" ABOVE FINISHED FLOOR, UNLESS A CODE APPROVED PROTECTIVE BARRIER IS PROVIDED (BY OTHERS).
- IT IS THE EXCLUSIVE RESPONSIBILITY OF THE WINDOW COMPANY TO PROVIDE PRODUCTS THAT MEET OR EXCEED THE ENERGY VALUES MANDATED BY THE STATE OF FLORIDA. COMPLIANCE WITH ENERGY REQUIREMENTS IS BEYOND THE SCOPE OF THESE DRAWINGS.
- ALL SHIMS TO BE AS PER PRODUCT APPROVALS.
- G.C. TO PROVIDE OR REPLACE FIRE PROTECTION ON ALL STRUCTURAL MEMBERS, NEW AND EXISTING, AS NECESSARY, TO MEET FIRE RATING REQUIREMENTS BY APPLICABLE CODES

ONLY MARKED UNITS ARE PART OF THE SCOPE. FULL SCOPE MAY NOT COVER FULL ENVELOPE OF THE BUILDING / RESIDENCE. DLGE NOT RESPONSIBLE FOR THE FULL ENVELOPE OF THE BUILDING / RESIDENCE.

SCOPE LIMITED TO GLAZING PRODUCTS AND ANCHORAGE CHECK

GC IS RESPONSIBLE TO VERIFY THAT THE SUBSTRATES MEET THE REQUIREMENTS SPECIFIED IN PRODUCT APPROVALS AND DETAILS IN THIS DRAWINGS.

ABBREVIATIONS

SYM.	ATT.	DWG.	DRAWING	MIN.	MINIMUM	N.I.C.	NOT IN CONTRACT	SMS	SHEET METAL SCREW	SYSTEM ABBREVIATIONS	
ALUM.	ALUMINUM	EA.	EACH	MIR.	MIRROR	O.C.	ON CENTER	STL.	STEEL	CW	CURTAIN WALL
ATT.	ATTACHED	E.DIST.	EDGE DISTANCE	MTL.	METAL	O.D.	OUTSIDE DIAMETER	STRUCT.	STRUCTURE	ED	ENTRANCE DOOR
BLDG.	BUILDING	EMBED.	EMBEDMENT	N.I.C.	NOT IN CONTRACT	OPG.	OPENING	THK.	THICK	FX	FIXED WINDOW
BOT.	BOTTOM	EXIST.	EXISTING	HORIZ.	HORIZONTAL	P.T.	PRESSURE TREATED	TYP.	TYPICAL	HM	HOLLOW METAL DOOR
C.C.	CENTER TO CENTER	F.D.	FRAME DIMENSION	HSS	HOLLOW STRUCTURAL SECTION	PL.	PLATE	U.O.N.	UNLESS OTHERWISE NOTED	HR	HORIZONTAL ROLLER WINDOW
C.L.	CENTER LINE	H.	HEIGHT	M.O.	MASONRY OPENING	R.	RADIUS	NOTED	NOTED	LV	LOUVER
CLG.	CEILING	HORIZ.	HORIZONTAL	MAT'L.	MATERIAL	R.O.	ROUGH OPENING	V.I.F.	VERIFY IN FIELD	SF	STOREFRONT
COL.	COLUMN	HSS	HOLLOW STRUCTURAL SECTION	MAX.	MAXIMUM	REINF.	REINFORCEMENT	VERT.	VERTICAL	SGD	SLIDING GLASS DOOR
CONC.	CONCRETE	M.O.	MASONRY OPENING	MFR.	MANUFACTURER	REINFD	REINFORCED	W.	WIDTH	SH	SINGLE HUNG
CONT.	CONTINUOUS	MAT'L.	MATERIAL	MIN.	MINIMUM	REQ'D	REQUIRED	W/	WITH	SKL	SKYLIGHT
D.	DEPTH	MAX.	MAXIMUM	MIR.	MIRROR	SIM.	SIMILAR	WD.	WOOD	WW	WINDOW WALL
DIA.	DIAMETER	MFR.	MANUFACTURER	MTL.	METAL	SL.	SLOPE				

SYMBOL LEGEND

NORTH ARROW	ELEVATION TAG	DETAIL NUMBER (TYP.)	SHEET NUMBER (TYP.)	OVERALL ELEVATION TAG	SECTION TAGS	DETAIL TAGS	SYSTEM DETAIL TAG	WINDOW TAG	COLUMN TAG	SYSTEM ID TAG	ELEVATION MARK	WIND LOAD TAG

DIMENSIONS SHOWN ARE NOMINAL, GLAZING / STEEL FABRICATOR TO OBTAIN FIELD DIMENSIONS PRIOR TO FABRICATION

THE EXISTING STRUCTURE AND SUBSTRATE SHOULD BE VERIFIED, BY OTHERS, TO SUPPORT THE LOADS IMPOSED BY THE GLAZING SYSTEM

CONTRACTOR TO REPORT ANY DEVIATIONS BETWEEN FIELD CONDITIONS AND DETAILS SHOWN ON THESE DRAWINGS TO DLG ENGINEERING PRIOR TO INSTALLATION

GLAZING SYSTEMS

A. FIXED WINDOW - LARGE MISSILE IMPACT
NOA# 23-0724.08
SERIES "S100 FIXED CASEMENT" ALUMINUM FIXED WINDOW - L.M.I.
MANUFACTURER: E.S. WINDOWS, LLC
FINISH: AAMA 2604 BRONZE

GLAZED WITH: GLASS TYPE "C"
3/8" THICK OVERALL LAMINATED GLASS
OUTBOARD: 5/32" CLEAR HEAT-STRENGTHENED GLASS WITH LOW-E COATING.
INTERLAYER: 0.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA, INC.'
INBOARD: 1/8" CLEAR HEAT-STRENGTHENED GLASS

B. CASEMENT WINDOW - LARGE MISSILE IMPACT
FL# 41000.1
SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.
MANUFACTURER: E.S. WINDOWS, INC
FINISH: AAMA 2604 BRONZE

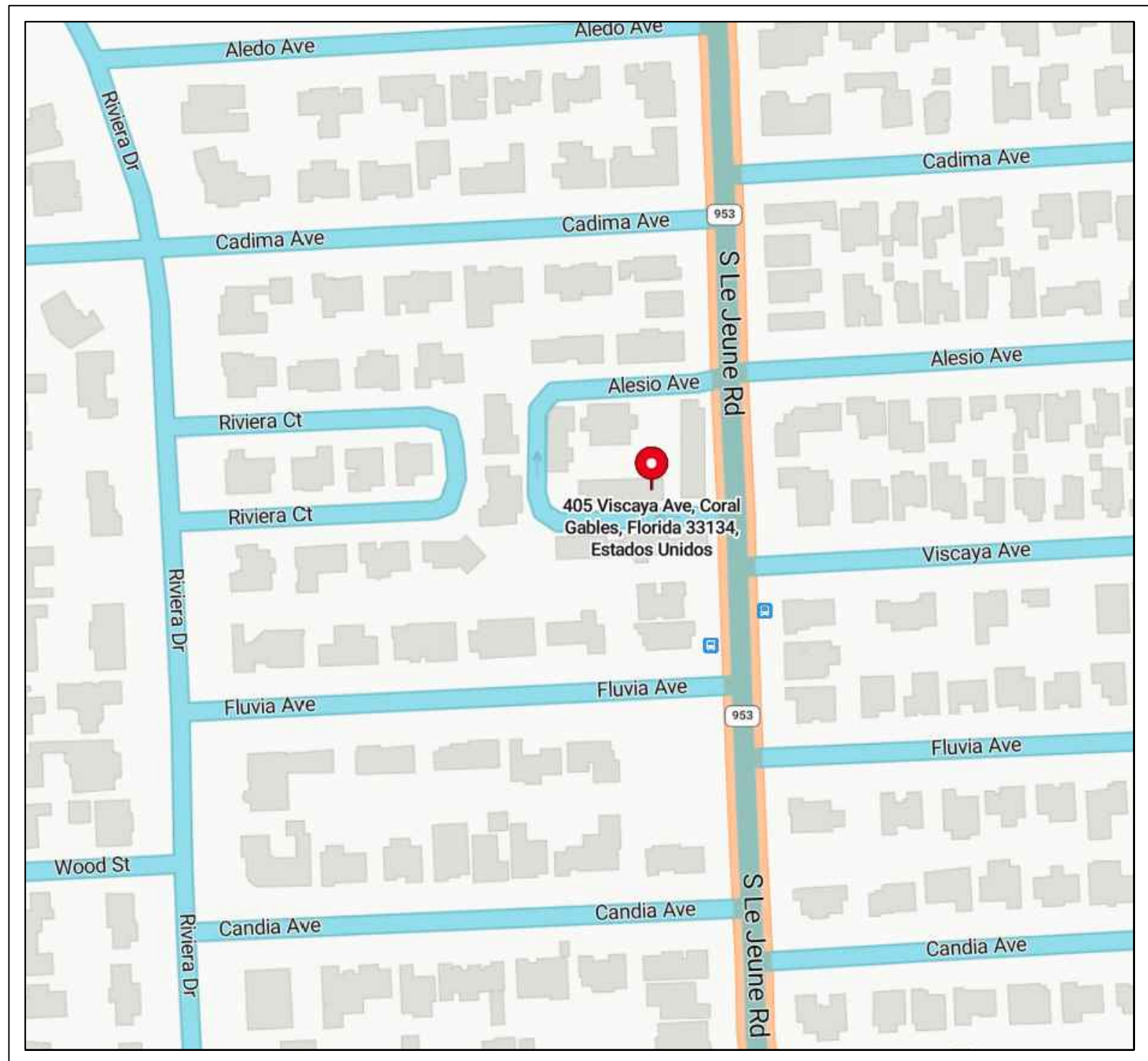
GLAZED WITH: GLASS TYPE "A"
5/16" THICK OVERALL LAMINATED GLASS
OUTBOARD: 1/8" CLEAR HEAT-STRENGTHENED GLASS WITH LOW-E COATING.
INTERLAYER: 0.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA, INC.'
INBOARD: 1/8" CLEAR HEAT-STRENGTHENED GLASS

C. FIXED WINDOW - LARGE MISSILE IMPACT
NOA# 23-0714.17
SERIES "EL-150" ALUMINUM FIXED WINDOW - L.M.I.
MANUFACTURER: E.S. WINDOWS, LLC
FINISH: AAMA 2604 BRONZE

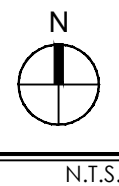
GLAZED WITH: GLASS TYPE "B"
7/16" THICK OVERALL LAMINATED GLASS
OUTBOARD: 3/16" CLEAR HEAT-STRENGTHENED GLASS WITH LOW-E COATING.
INTERLAYER: 0.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA, INC.'
INBOARD: 3/16" CLEAR HEAT-STRENGTHENED GLASS

INDEX OF DRAWINGS

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SITE LOCATION
SCALE



N.T.S.

DLG ENGINEERING, INC.
BUILDING ENVELOPE CONSULTANTS
5825 Sunset Drive - Suite 300 | South Miami, Florida 33143
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REVISIONS

DATE	REVISION
05-12-2025	PERMIT REVISION

WIMAL SUARIS, P.E.
PE# 37369
CA# 28476



GENERAL NOTES AND SITE LOCATION

HARRIS LEVINE
RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134

PATRIOT WINDOWS
& DOORS
6175 NW 16TH STREET
MIAMI LAKES, FL 33015

DATE	03/19/2024
SCALE	AS NOTED
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

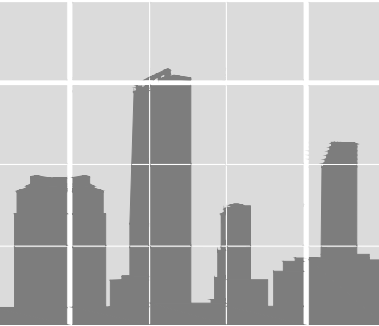
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SD24-143

SHEET
000

WINDOW & DOOR SCHEDULE											
MARK	QTY.	GLASS TYPE	O.A. FRAME SIZE (W X H)	WIND ZONE	DESIGN LOADS PER ASCE 7-22		ALLOWABLE LOADS PER APPROVAL		PRODUCT DESCRIPTION	NOA No. / FL No.	REMARKS
					(+)PSF	(-)PSF	(+)PSF	(-)PSF			
1	1	C	19.0" X 40.0"	5	45.78	61.30	90.0	90.0	SERIES "5100 FIXED CASEMENT" ALUMINUM FIXED WINDOW - L.M.I.	NOA# 23-0724.08	O CONFIGURATION / FLANGE FRAME / MUNTIN DETAILS: GRID, (1) LITE ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
2	1	A	37.0" X 40.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
3	1	C	19.0" X 40.0"	4	45.78	49.66	90.0	90.0	SERIES "5100 FIXED CASEMENT" ALUMINUM FIXED WINDOW - L.M.I.	NOA# 23-0724.08	O CONFIGURATION / FLANGE FRAME / MUNTIN DETAILS: GRID, (1) LITE ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
4	2	A	35-1/2" X 50.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
5	1	A	35-1/2" X 37-1/2"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
6	2	A	52-1/2" X 49-1/2"	5	45.78	61.30	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XX CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (1) LITES ACROSS , (4) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
7	1	A	36-1/2" X 38.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
8	1	A	37.0" X 50-5/8"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XL CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
9	1	B	37.0" X 39.0"	5	45.78	61.30	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XL CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
10	2	A	35-1/2" X 51.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
11	1	B	19.0" X 39.0"	4	45.78	49.66	80.0	80.0	SERIES "EL-150" ALUMINUM FIXED WINDOW - L.M.I.	NOA# 23-0714.17	O CONFIGURATION / FLANGE FRAME / MUNTIN DETAILS: GRID, (1) LITE ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
12R	1	A	35-1/2" X 50.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XR CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
12L	1	A	35-1/2" X 50.0"	4	45.78	49.66	85.0	85.0	SERIES "5000" ALUMINUM CASEMENT WINDOW - L.M.I.	FL# 41000.1	XL CONFIGURATION / FLANGE FRAME / MULTIPOINT LOCK / MUNTIN DETAILS: GRID, (2) LITES ACROSS , (3) LITES DOWN, ES1014 INTERNAL AND EXTERNAL STYLE / FINISH: AAMA 2604 BRONZE
NOTE: ANCHORAGE PATTERN AND SPECIFICATIONS AS PER MARKED UP PRODUCT APPROVALS INCLUDED IN PERMIT SUBMITTAL											

1	WINDOW & DOOR SCHEDULE
100	SCALE

N.T.S



DLG ENGINEERING, INC.

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REVISIONS

WIMAL SUARIS, P.E.

PE# 37369

CA# 28476



WINDOW & DOOR SCHEDULE

CLIENT: PATRIOT WINDOWS & DOORS
6175 NW 167TH STREET
MIAMI LAKES, FL 33015

PROJECT: HARRIS LEVINE RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134

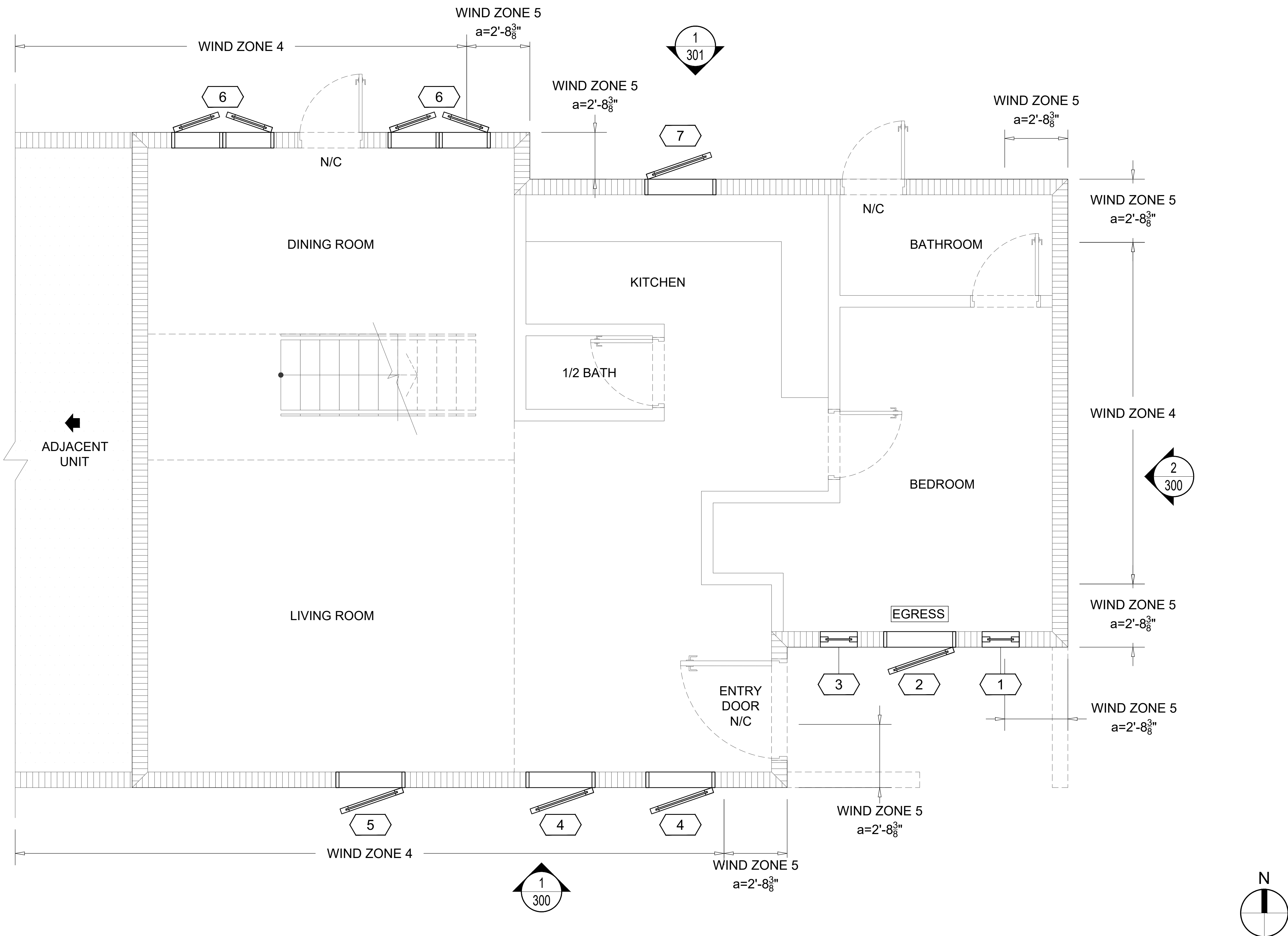
DATE	03/19/2024
SCALE	AS NOTED
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

DRAWING NO.

SD24-143

SHEET

100



GENERAL NOTES:

- ONLY MARKED OPENINGS ARE PART OF THIS PERMIT.
- THE MAIN WIND FORCE RESISTING SYSTEMS OF THE STRUCTURE (i.e. BEAMS, COLUMNS, FRAMING, ETC) IS NOT TO BE ALTERED. ANY ALTERATIONS TO THOSE SYSTEMS SHALL BE DESIGNED OR CHECKED BY OTHERS TO WITHSTAND ANY STRUCTURAL LOADS, NO CALCULATIONS HAVE BEEN PERFORMED TO VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE.

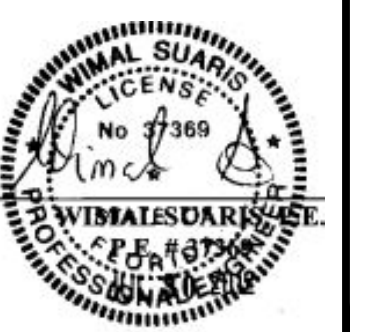
1 FIRST FLOOR PLAN (AS REFERENCE ONLY)
200 SCALE

7/16"=1'-0"

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CA# 28476



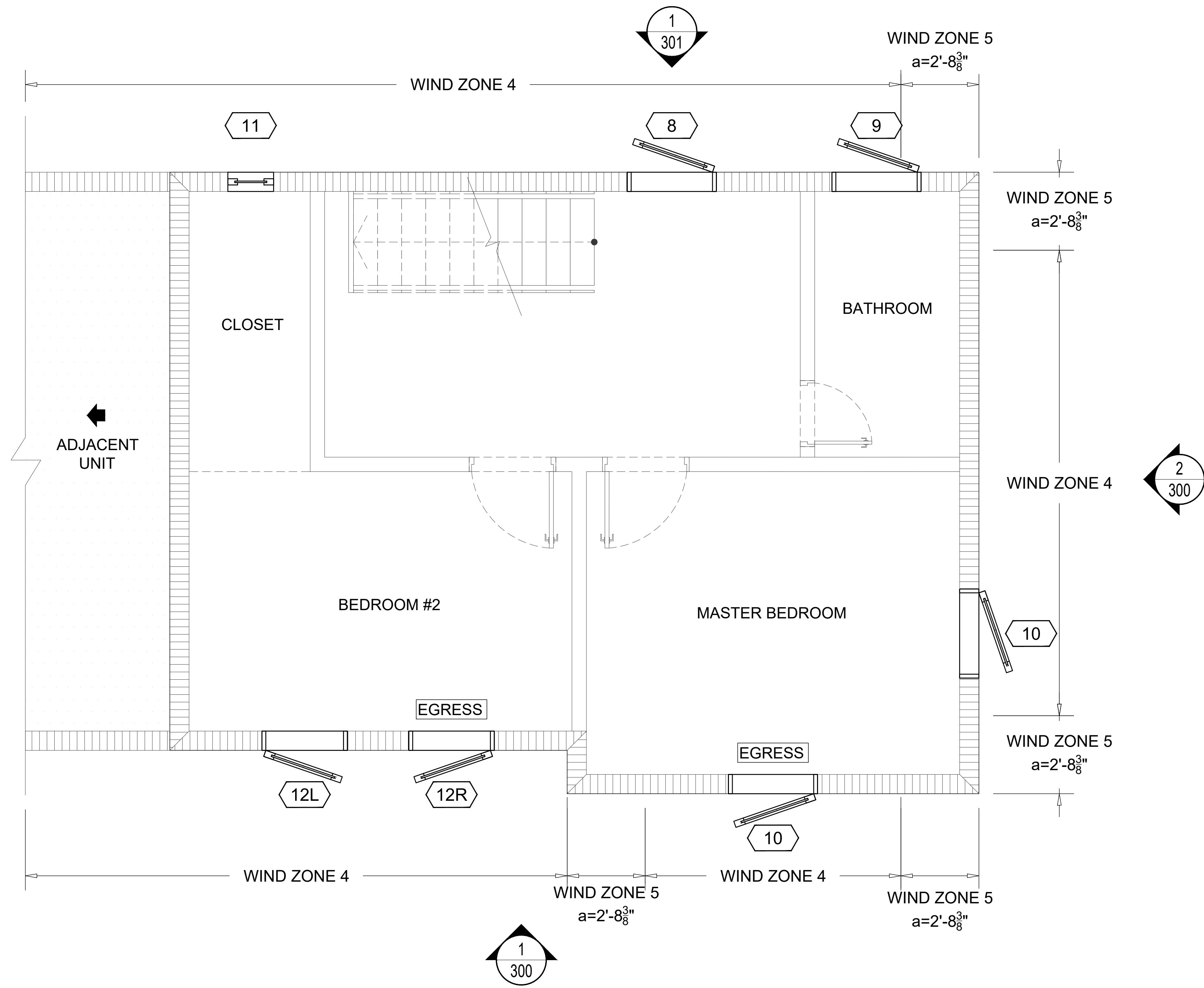
FIRST FLOOR PLAN (AS REFERENCE ONLY)

PROJECT: HARRIS LEVINE
RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134
CLIENT: PATRIOT WINDOWS
& DOORS
6175 NW 167TH STREET
MIAMI LAKES, FL 33015

DATE	03/19/2024
SCALE	7/16"=1'-0"
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

DRAWING NO.
SD24-143

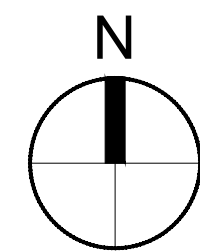
SHEET
200



GENERAL NOTES:

- ONLY MARKED OPENINGS ARE PART OF THIS PERMIT.
- THE MAIN WIND FORCE RESISTING SYSTEMS OF THE STRUCTURE (i.e. BEAMS, COLUMNS, FRAMING, ETC) IS NOT TO BE ALTERED. ANY ALTERATIONS TO THOSE SYSTEMS SHALL BE DESIGNED OR CHECKED BY OTHERS TO WITHSTAND ANY STRUCTURAL LOADS, NO CALCULATIONS HAVE BEEN PERFORMED TO VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE.

1 SECOND FLOOR PLAN (AS REFERENCE ONLY)



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WIMAL SUARIS, P.E.
PE# 37369
CA# 28476

SECOND FLOOR PLAN (AS REFERENCE ONLY)

CLIENT: PATRIOT WINDOWS & DOORS
6175 NW 167TH STREET
MIAMI LAKES, FL 33015

PROJECT: HARRIS LEVINE RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134

DATE	03/19/2024
SCALE	7/16"=1'-0"
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

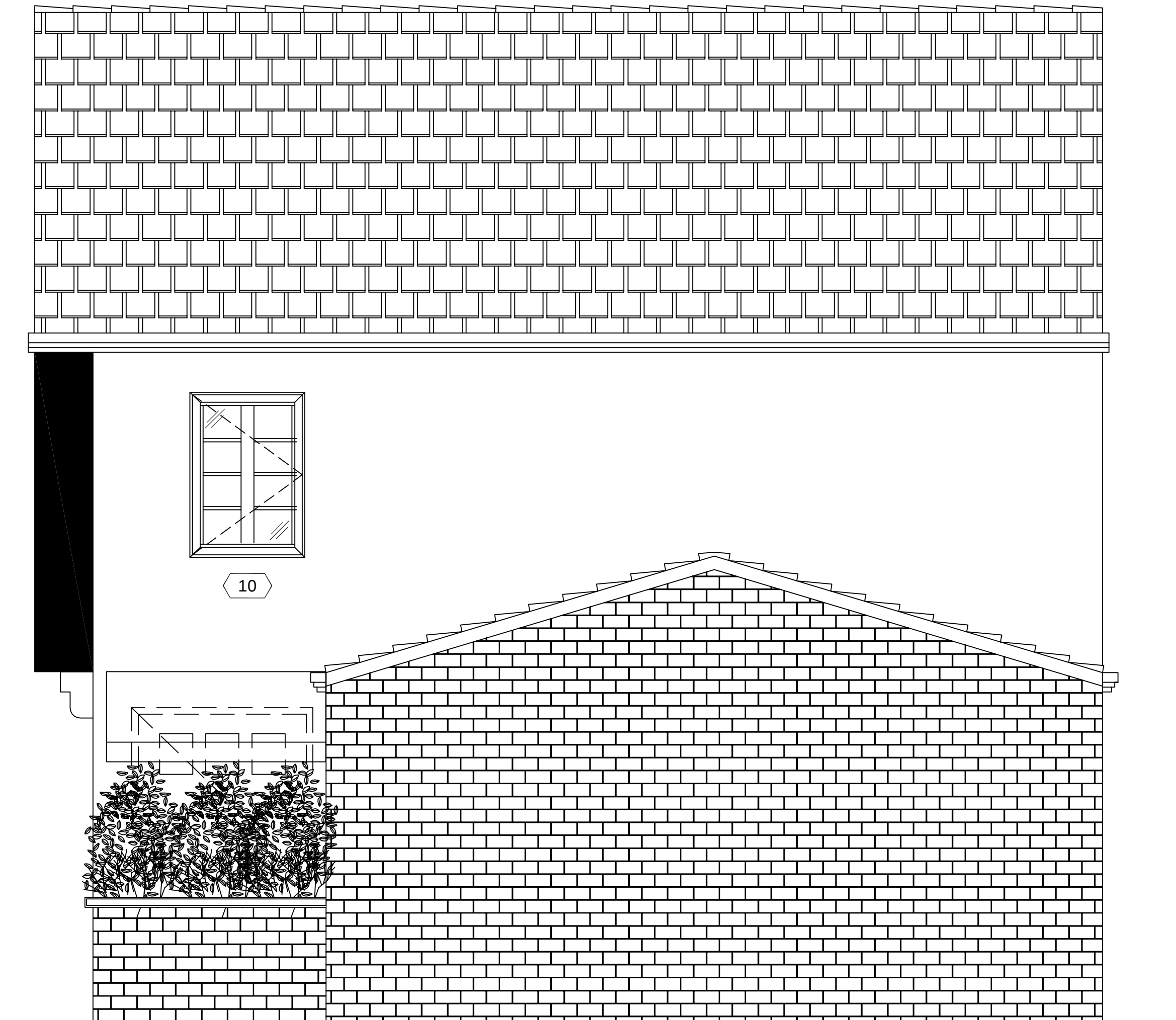
DRAWING NO.
SD24-143

SHEET
201



1 SOUTH ELEVATION
300 SCALE

13/32"=1'-0"



2 EAST ELEVATION
300 SCALE

13/32"=1'-0"



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REVISIONS	

WIMAL SUARIS, P.E.
PE# 37369
CA# 28476

WIMAL SUARIS, P.E.
No. 37369
Mechanical
State of Florida

SOUTH & EAST ELEVATION	
CLIENT	PATRIOT WINDOWS & DOORS 6175 NW 167TH STREET MIAMI LAKES, FL 33015
PROJECT	HARRIS LEVINE RESIDENCE 405 VISCAYA AVENUE, CORAL GABLES, FLORIDA 33134

DATE	03/19/2024
SCALE	13/32"=1'-0"
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

DRAWING NO.
SD24-143

SHEET
300



1 NORTH ELEVATION
301 SCALE

13/32"=1'-0"



PROPOSED SURFACE APPLIED MUNTINS

DLG ENGINEERING, INC.
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F: 305 665-4672 | mailing@dlgengineering.com

REVISIONS

NO.	DESCRIPTION	DATE

WIMAL SUARIS, P.E.
PE# 37369
CA# 28476

WIMAL SUARIS, P.E.
No. 37369
STATE OF FLORIDA
PROFESSIONAL ENGINEER

NORTH ELEVATION

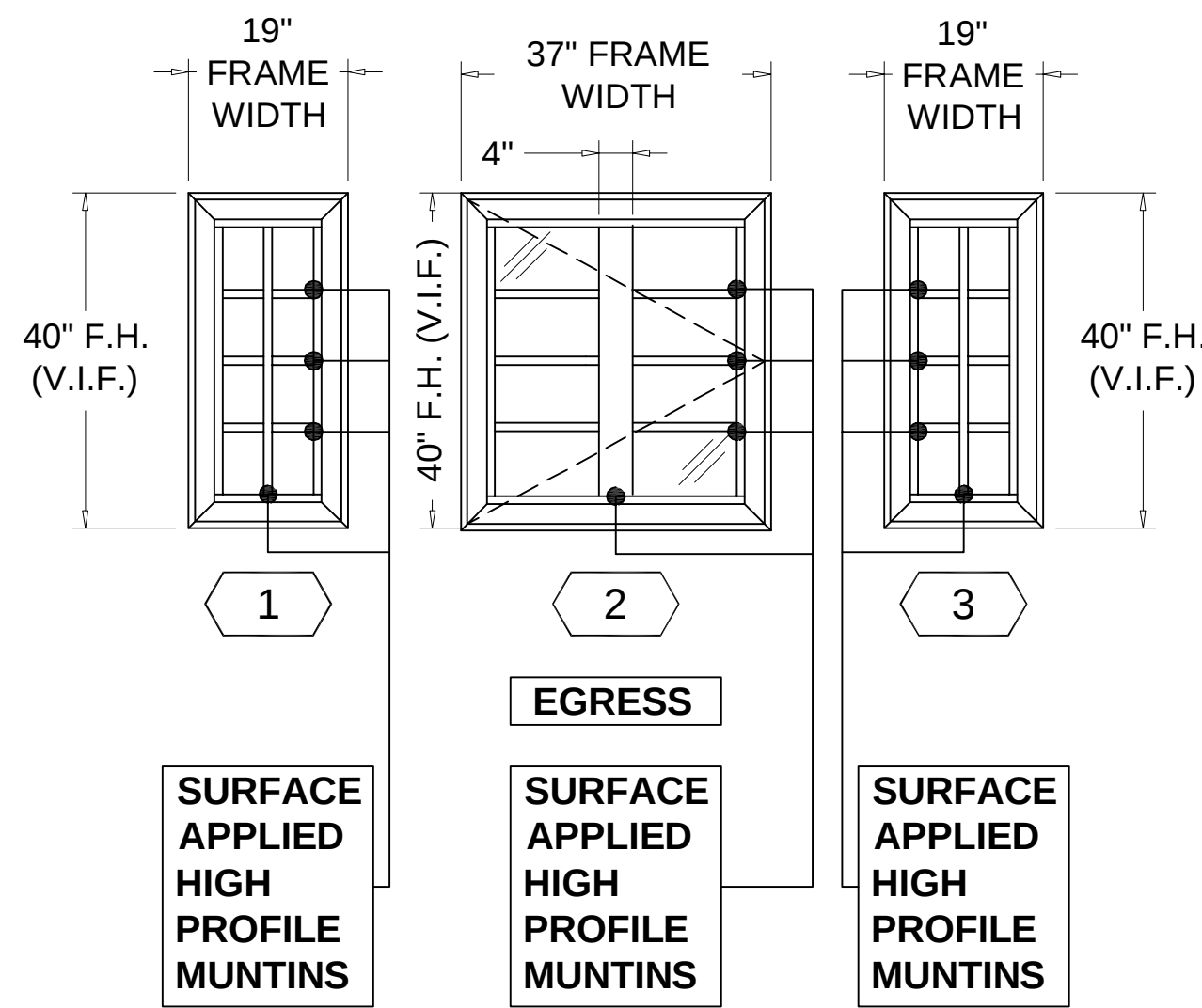
CLIENT: PATRIOT WINDOWS & DOORS
6175 NW 167TH STREET
MIAMI LAKES, FL 33015

PROJECT: HARRIS LEVINE RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134

DATE	03/19/2024
SCALE	13/32"=1'-0"
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

DRAWING NO.
SD24-143

SCALE	SHEET
	301



QTY ('1')=1
NOA# 23-0724.08
SERIES "5100 FIXED CASEMENT"
ALUMINUM FIXED WINDOW - L.M.I.
LAMINATED GLASS "C"
WIND ZONE 5

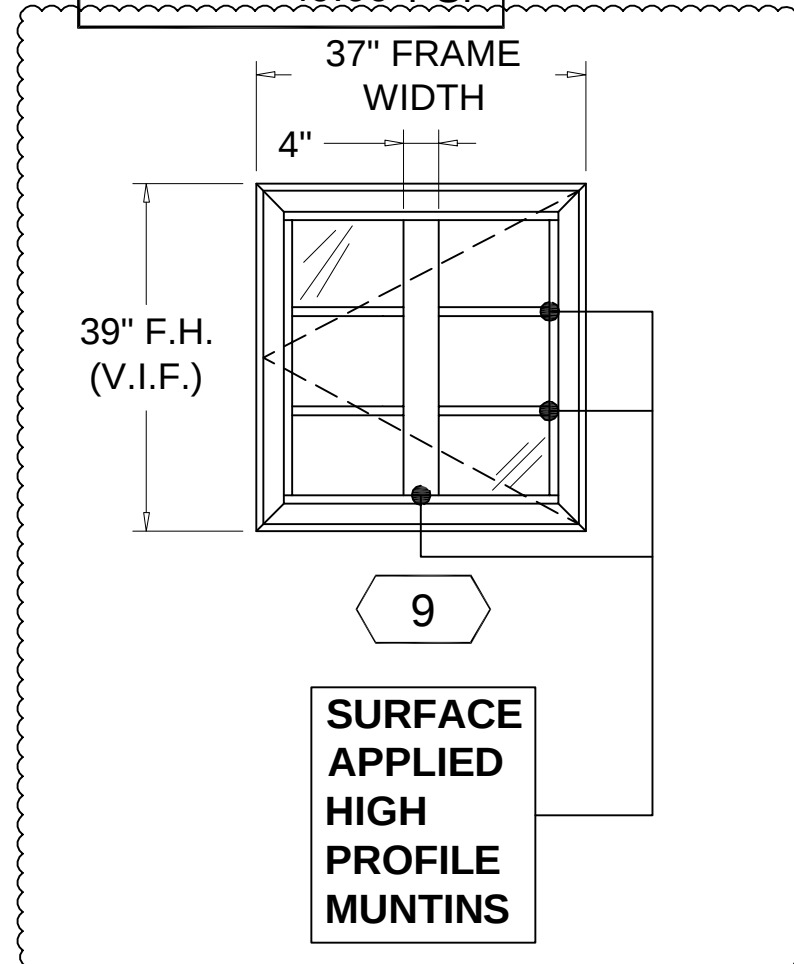
LOAD= + 45.78 PSF
- 61.30 PSF

QTY ('2')=1 / EGRESS
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF

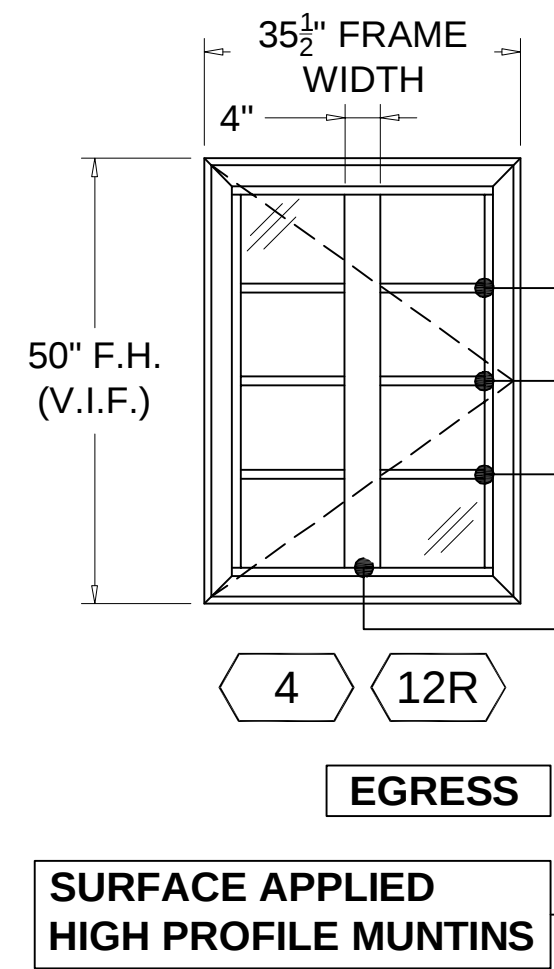
QTY ('3')=1
NOA# 23-0724.08
SERIES "5100 FIXED CASEMENT"
ALUMINUM FIXED WINDOW - L.M.I.
LAMINATED GLASS "C"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



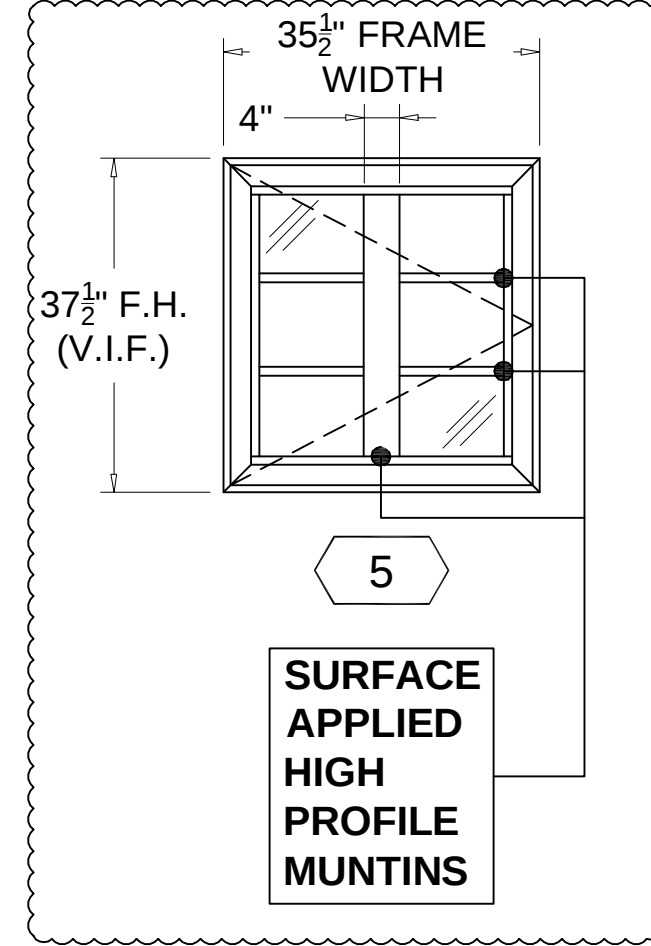
QTY ('9')=1
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 5

LOAD= + 45.78 PSF
- 61.30 PSF



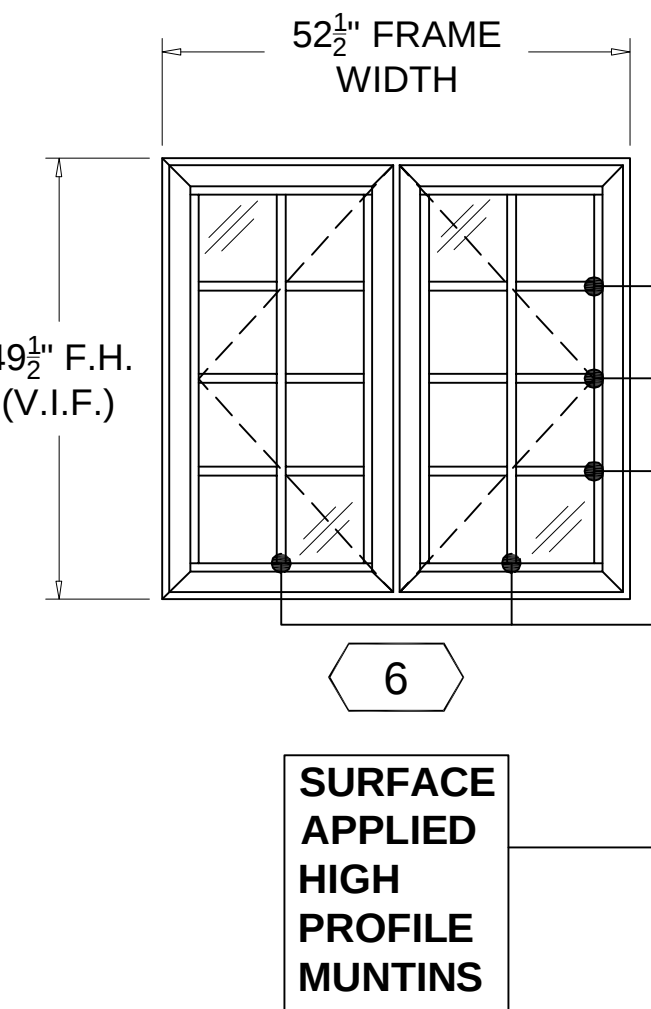
QTY ('4')=2
QTY ('12R')=1 / EGRESS
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



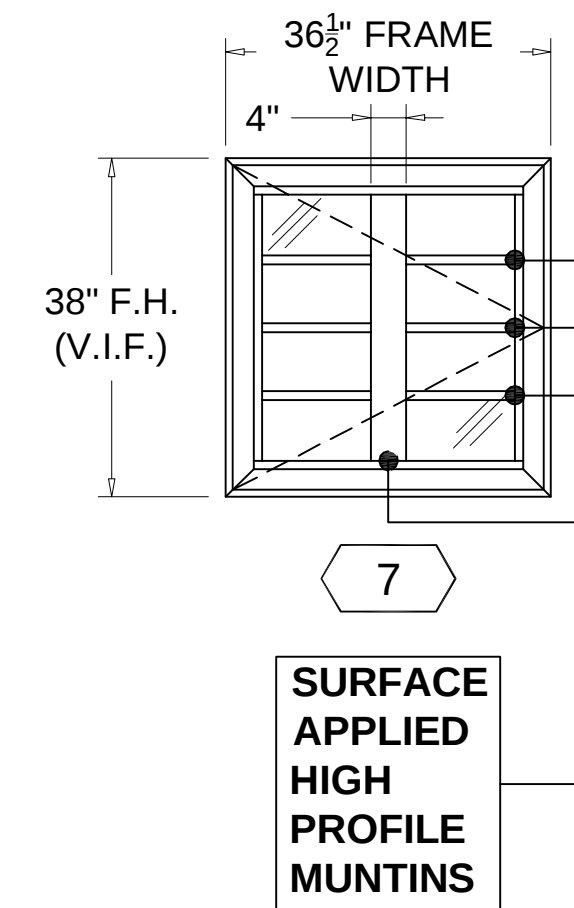
QTY ('5')=1
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



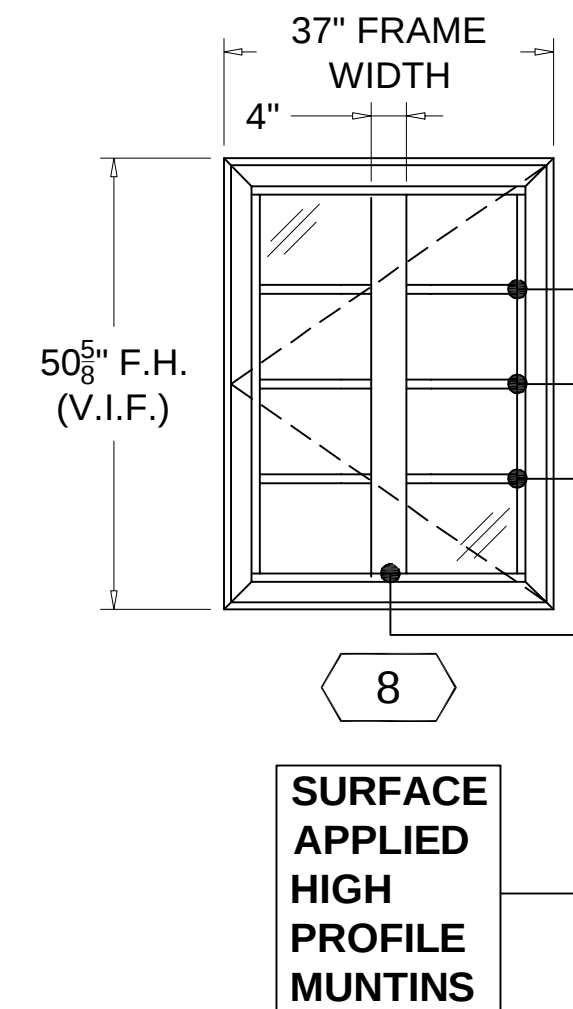
QTY ('6')=2
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 5

LOAD= + 45.78 PSF
- 61.30 PSF



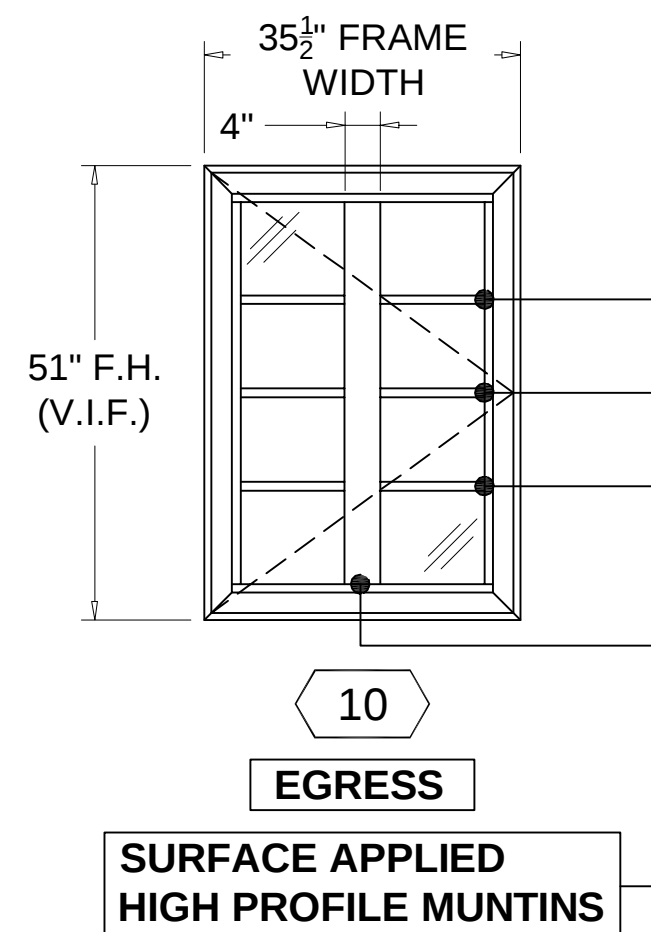
QTY ('7')=1
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



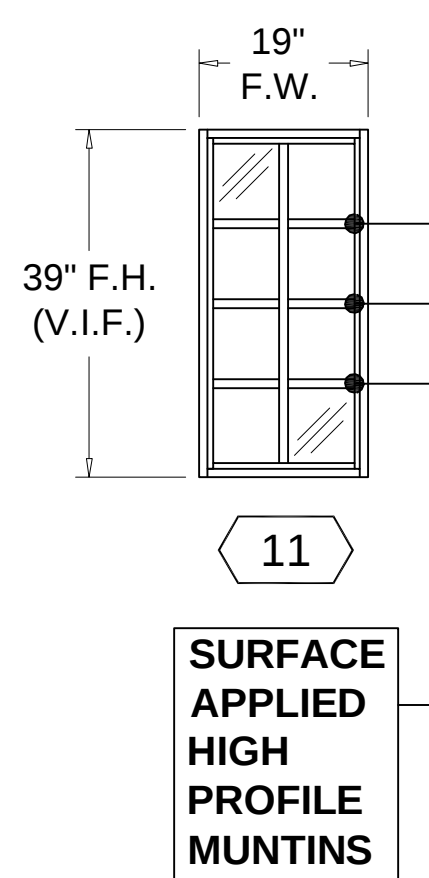
QTY ('8')=1
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



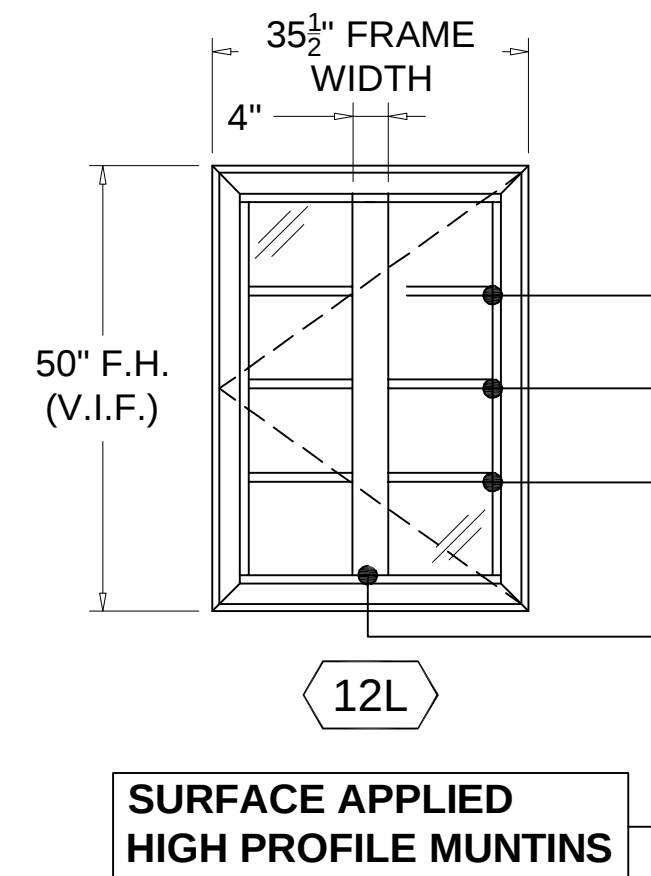
QTY ('10')=2 / EGRESS
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF



QTY ('11')=1
NOA# 23-0714.17
SERIES "EL-150" ALUMINUM
FIXED WINDOW - L.M.I.
LAMINATED GLASS "B"
WIND ZONE 4

LOAD= + 45.78 PSF
- 49.66 PSF

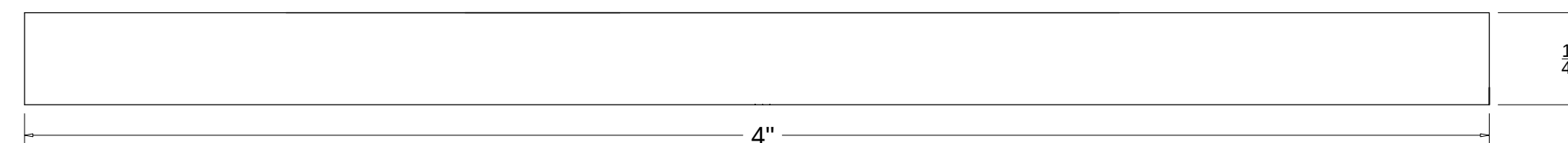


QTY ('12L')=1
FL# 41000.1
SERIES "5000" ALUMINUM
CASEMENT WINDOW - L.M.I.
LAMINATED GLASS "A"
WIND ZONE 4

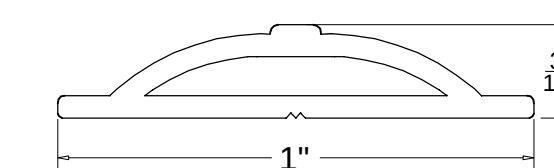
LOAD= + 45.78 PSF
- 49.66 PSF

NOTE:
REFER TO PICTURE ON SHEET 301

4" THICK MUNTIN



ES-1015 / OG MUNTIN



2 MUNTIN DETAIL

400 SCALE 2'-6"=1'-0"

NOTE:
FRAME COLOR:AAMA 2604 BRONZE
GLASS COLOR: CLEAR / NO TINT /
NO REFLECTIVITY

1 OPENING ELEVATIONS

400 SCALE

9/16"=1'-0"

DLG ENGINEERING, INC.
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P: 305 665-9089 www.dlgenengineering.com
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REVISIONS

WIMAL SUARIS, P.E.
PE# 37369
CA# 28476



OPENING ELEVATIONS

HARRIS LEVINE
RESIDENCE
405 VISCAYA AVENUE,
CORAL GABLES, FLORIDA 33134

PATRIOT WINDOWS
& DOORS
6175 NW 167TH STREET
MIAMI LAKES, FL 33015

DATE 03/19/2024
SCALE 9/16"=1'-0"
DRAWN AA
CHECKED BY JRO
PROJECT 24-143

DRAWING NO.
SD24-143

SHEET
400



1 SOUTH
500 SCALE

N.T.S.



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REVISIONS	

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CA# 28476



CLIENT:	PATRIOT WINDOWS & DOORS 6175 NW 167TH STREET MIAMI LAKES, FL 33015
PHOTOGRAPHS	
HARRIS LEVINE RESIDENCE 405 VISCAYA AVENUE, CORAL GABLES, FLORIDA 33134	

DATE	03/19/2024
SCALE	N.T.S.
DRAWN	AA
CHECKED BY	JRO
PROJECT	24-143

DRAWING NO.
SD24-143

SHEET
500



1 NORTH
501 SCALE

N.T.S.



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PROJECT	24-143

DRAWING NO.
SD24-143

SHEET
501



1 NORTH
502 SCALE

N.T.S.



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SHEET
502