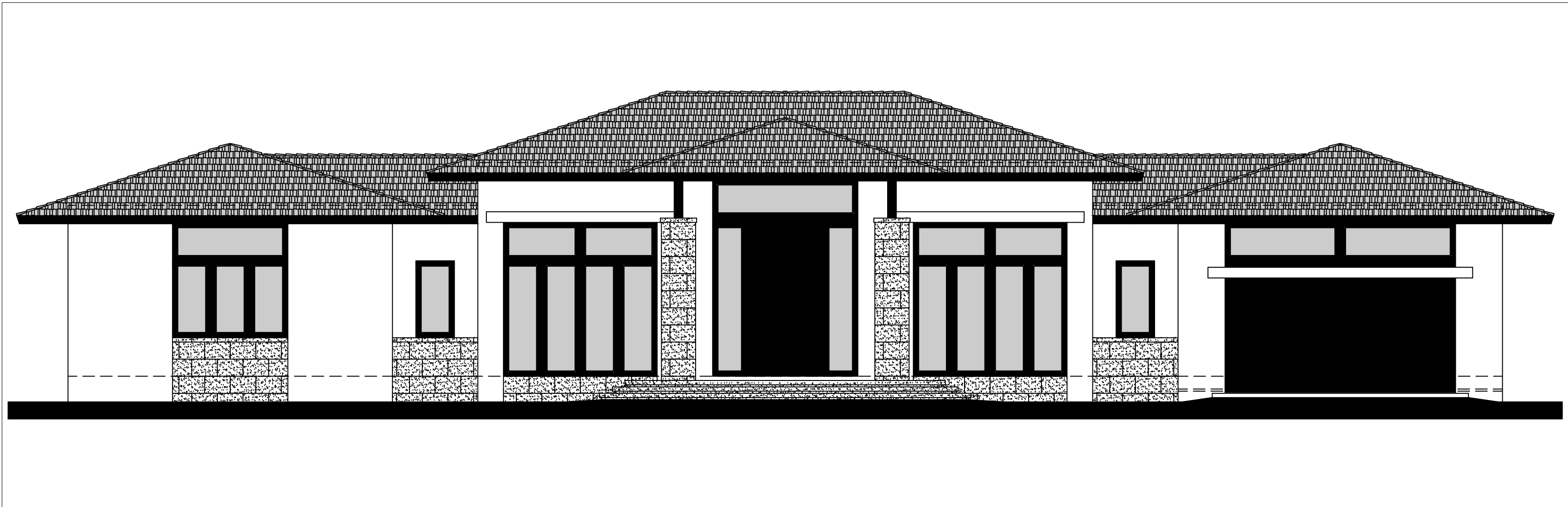


7/10/2024 12:47 p.m.

c:\users\aragomez\one drive - ready windows sales and service\documents - alan manzanilla's files\2023\residential\2023 06 15 - alayon residence.dwg\sd 0.0 cover sheet.dwg

ALAYON RESIDENCE

WINDOWS & DOORS SUBMITTAL



SYSTEMS:

- ES WINDOWS, LLC**
SERIES "EL150" ALUMINUM FIXED WINDOW - L.M.I.
NOA No. 23-0714.17 GLASS TYPE: GL-1
- ES WINDOWS, LLC**
SERIES "EL300" OUTSWING ENTRANCE DOOR - L.M.I.
FL# 22551.1 GLASS TYPE: GL-3
- ES WINDOWS, LLC**
SERIES "5000" OUTSWING ALUMINUM CASEMENT WINDOW - L.M.I.
NOA No. 23-0717.25 GLASS TYPE: GL-4 & 5
- ES WINDOWS, LLC**
SERIES "5100" ALUMINUM FIXED WINDOW - L.M.I.
NOA No. 23-0724.08 GLASS TYPE: GL-4
- ES WINDOWS, LLC**
SERIES "8000" ALUMINUM WINDOW WALL SYSTEM - L.M.I.
NOA No. 23-0724.11 GLASS TYPE: GL-6 & 7
- ES WINDOWS, LLC**
SERIES "SGD2020" SLIDING GLASS DOOR - L.M.I.
FL# 22267.1 GLASS TYPE: GL-7
- ES WINDOWS, LLC**
SERIES "PSD5030T" PIVOT DOOR (L.M.I.)
FL# 41358.1 GLASS TYPE: GL-8
- ES WINDOWS, LLC**
CLIPPED, EXTRUDED ALUMINUM TUBE MULLION - L.M.I.
NOA No. 23-0717.20
- ES WINDOWS, LLC**
SERIES "8000T" ALUMINUM WINDOW WALL SYSTEM - L.M.I.
NOA No. 20-1118.02 GLASS TYPE: GL-2

INDEX:

SD-0.0	COVER & GENERAL NOTES
SD-1.0	FLOOR PLANS
SD-2.0 - SD-2.1	EXTERIOR ELEVATIONS
SD-3.0 - SD-3.11	FRAME ELEVATIONS
SD-4.0 - SD-4.22	DETAILS

GLAZING:

- GL-1** 7/16" OVERALL LAMINATED GLASS
3/16" GRAY HEAT STREN'D GLASS
.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
3/16" CLEAR HEAT STREN'D GLASS SB70
- GL-2** 1-3/16" OVERALL LAMINATED GLASS
1/4" GRAY HEAT STREN'D GLASS
.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
1/4" CLEAR HEAT STREN'D GLASS SB70
3/8" AIR SPACE
1/4" TEMPERED GLASS
- GL-3** 7/16" OVERALL LAMINATED GLASS
1/4" GRAY HEAT STREN'D GLASS
.090" TRANSLUCENT WHITEINTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
1/8" CLEAR HEAT STREN'D GLASS SB70
- GL-4** 11/32" OVERALL LAMINATED GLASS
5/32" GRAY HEAT STREN'D GLASS
.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
1/8" CLEAR HEAT STREN'D GLASS SB70
- GL-5** 11/32" OVERALL LAMINATED GLASS
5/32" GRAY HEAT STREN'D GLASS
.090" TRANSLUCENT WHITE INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
1/8" CLEAR HEAT STREN'D GLASS SB70
- GL-6** 9/16" OVERALL LAMINATED GLASS
1/4" GRAY HEAT STREN'D GLASS
.090" CLEAR INTERLAYER TROSIFOL PVB BY 'KURARAY AMERICA INC'
1/4" CLEAR HEAT STREN'D GLASS SB70
- GL-7** 9/16" OVERALL LAMINATED GLASS
1/4" GRAY HEAT STREN'D GLASS
.090" CLEAR INTERLAYER SENTRYGLAS BY 'KURARAY AMERICA INC'
1/4" CLEAR HEAT STREN'D GLASS SB70
- GL-8** 9/16" OVERALL LAMINATED GLASS
1/4" CLEAR HEAT STREN'D GLASS
.090" CLEAR INTERLAYER SENTRYGLAS BY 'KURARAY AMERICA INC'
1/4" CLEAR HEAT STREN'D GLASS

ABBREVIATION LEGEND

AFF	ABOVE FINISH FLOOR	B/N	BETWEEN	DFO	DOOR FRAME OPENING	ELEV	ELEVATION	LH	LEFT HAND	NTS	NOT TO SCALE	PL	PLATE	REQ'D	REQUIRED	SMS	SHEET METAL SCREW	TO	TOP OF	W	WITH
ALUM	ALUMINUM	COC	CONCEALED OVERHEAD	DL	DEAD LOAD	FS	FRAME SIZE	MIR	MIRROR	OC	ON CENTER	PNL	PANEL	RO	ROUGH OPENING	STL	STEEL	TYP	TYPICAL	WL	WIND LOAD
ANN	ANNEALED	CLOSER	CLOSER	DLO	DAY LIGHT OPENING	FF	FINISH FLOOR	ML	MULLION LENGTH	OPP	OPPOSITE HAND	REF	REFERENCE	SF	SILL FLASHING	TEMP	TEMPERED	UNO	UNLESS NOTED	W/O	WITHOUT
ARCH	ARCHITECT	CL	CENTER LINE	DO	DOOR OPENING	GC	GENERAL CONTRACTOR	MO	MASONRY OPENING	PHF	PHILIPS FLAT HEAD	REV	REVISION	SIM	SIMILAR	TBD	TO BE DETERMINED	OTHERWISE		WP	WORK POINT
BO	BOTTOM OF	DIM	DIMENSION	DWG	DRAWING	HWH	HEX WASHER HEAD	NIC	NOT IN CONTRACT	PPH	PHILIPS PAN HEAD	RH	RIGHT HAND	SS	STAINLESS STEEL	THK	THICK	VIF	VERIFY IN FIELD		

GENERAL NOTES:

- ALL WORK SHALL COMPLY FLORIDA BUILDING CODE 2020 EDITION
- IT IS THE INTENT OF THESE DRAWINGS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- EXISTING UTILITIES SHOWN ARE BASED ON INFORMATION SUPPLIED BY OTHERS. IT SHALL BE READY WINDOW RESPONSIBILITY TO MEET WITH ALL APPLICABLE UTILITY COMPANIES TO VERIFY ALL UNDER-GROUND FACILITIES PRIOR TO BEGINNING ANY CONSTRUCTION.
- WORK UNDER THIS SUBMITTAL REQUIRES A BUILDING PERMIT. DO NOT COMMENCE ANY WORK UNTIL REQUIRED PERMITS ARE OBTAINED.
- READY WINDOW IS TO FURNISH ALL LABOR, MATERIALS, SERVICES AND EQUIPMENT NECESSARY TO COMPLETE ALL WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.
- DO NOT SCALE ANY DRAWING, DIMENSIONS SHOWN GOVERN.
- READY WINDOW SHALL NOT PROCEED WITH ANY ADDITIONAL SERVICES OR WORK WITHOUT PRIOR NOTIFICATION TO THE OWNER.
- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED BY ASSIGNED PROJECT MANAGER PRIOR TO BEGIN ANY WORK. ANY DISCREPANCIES BETWEEN PLANS, SECTIONS AND DETAILS OR THE APPLICABLE CODES OR REGULATIONS SHALL BE NOTIFIED TO THE ARCHITECT AND/OR ENGINEER BEFORE WORK BEGINS.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
- QUANTITIES AND DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON THE ARCHITECTURAL DRAWINGS.
- STRUCTURE MUST SUPPORT THE LOADS IMPOSED BY ALL SYSTEMS. EOR SHALL VERIFY STRUCTURE FOR SUCH LOADINGS.
- GLAZING ON AND AROUND DOORS COMPLIES WITH 2406.4.1 & 2406.4.2 OF THE FLORIDA BUILDING CODE
- APPLICABLE LOADS AS PER FLORIDA BUILDING CODE:**
AS PER ASCE 7-16, KD = 0.85
WIND LOAD = 175 MPH **CATEGORY = II** **EXPOSURE = C**
ROOF HEIGH: 22'-1"
- ALUMINUM SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

TYPE	Fb	Fv
6063-T6	15.0 KSI	8.5 KSI
6061-T6	19.0 KSI	12.0 KSI
- WELDING: ALUMINUM ALLOY 5356, CLEANING: SSPC-SP2 'HAND TOOL CLEANING'
- ISOLATE DISSIMILAR MATERIALS, PAINT ALUMINUM SURFACES IN CONTACT WITH CONCRETE WITH ALKALI-RESISTANCE COATINGS, SUCH AS HEAVY - BODIED BITUMINOUS PAINT OR WEATHER-WHITE METHACRYLATE LACQUER. STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED WITH 850-Y-01 FAST DRY ZINC PHOSPHATE OR SIMILAR.
- STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE TO THE FBC 2020 AND SHALL COMPLY WITH FOLLOWING REQUIREMENTS U.N.O.:

TYPE	ASTM	GRADE	FY
ALL STANDARD STEEL SHAPES	A36	----	36 KSI
STRUCTURAL TUBING RECTANGULAR HSS	500	B	46 KSI
- WELDING SHALL BE E70XX ELECTRODES WITH A MIN OF 3/16" WELD SIZE (TYP) U.N.O.
- PAINT STEEL HOT GALVANIZED SURFACES IN CONTACT WITH CONCRETE WITH ALKALI-RESISTANCE COATINGS.
- STEEL SYSTEMS USED IN EXTERIOR APPLICATIONS AND/OR EXPOSED TO ADVERSE CONDITIONS MUST BE PROPERLY AND REGULARLY MAINTAINED TO MINIMIZE CORROSION WHICH CAN RESULT IN EVENTUAL STRUCTURAL FAILURE.
- PRIMARY SEALANTS:
EXTERIOR PERIMETER SEALANT: GRAY - DOW CORNING DC790 OR CCS
METAL/METAL SEALANT: WHITE - DOW CORING CONTRACTORS
WEATHERPROOFING GLAZING SEALANT: WHITE - PER NOA'S (DC983, DC795, DC995)
- FRAME FINISH:
AAMA 2605 BLACK
- GC IS RESPONSIBLE TO VERIFY SUBSTRATES ARE IN ACCORDANCE WITH PRODUCT APPROVALS.
- 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 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 FINISH FLOOR.
- WOOD BUCK TO BE 1X OR 2X TO BE FULL DEPTH OF GLAZING FRAMES AND THEIR ANCHORAGE TO BE CAPABLE TO SUPPORT LOADS IMPOSED BY ALL SYSTEMS. BY OTHERS.

Wimal Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
email=wimal@wimalengineering.com,
Date: 2024.07.11 13:22:46 -0500

SHOP DRAWING CHECKED FOR STRUCTURAL REQUIREMENTS ONLY.

WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

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ALAYON RESIDENCE

ALAYON RESIDENCE

PROJECT NAME:

9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	DESCRIPTION	CITY COMMENTS						
BY	PC								
DATE	04/26/2024								
REV	A								

PROJECT No:
467560

DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN

DRAWING TITLE
COVER SHEET

SHEET
SD-0.0

WIND ZONE 5 (a=60")



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ALAYON RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

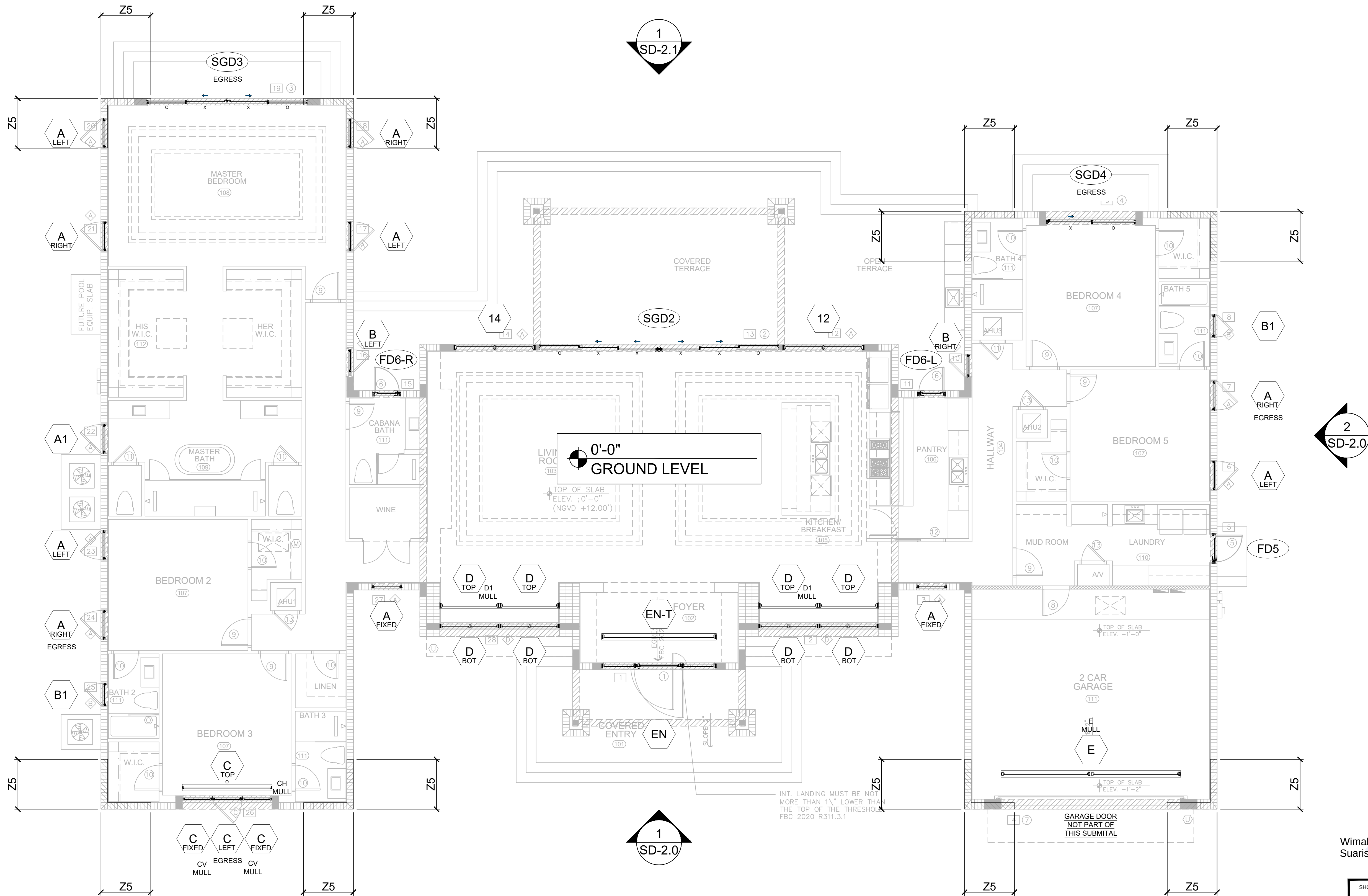
AS SHOWN

DRAWING TITLE

FLOOR PLANS

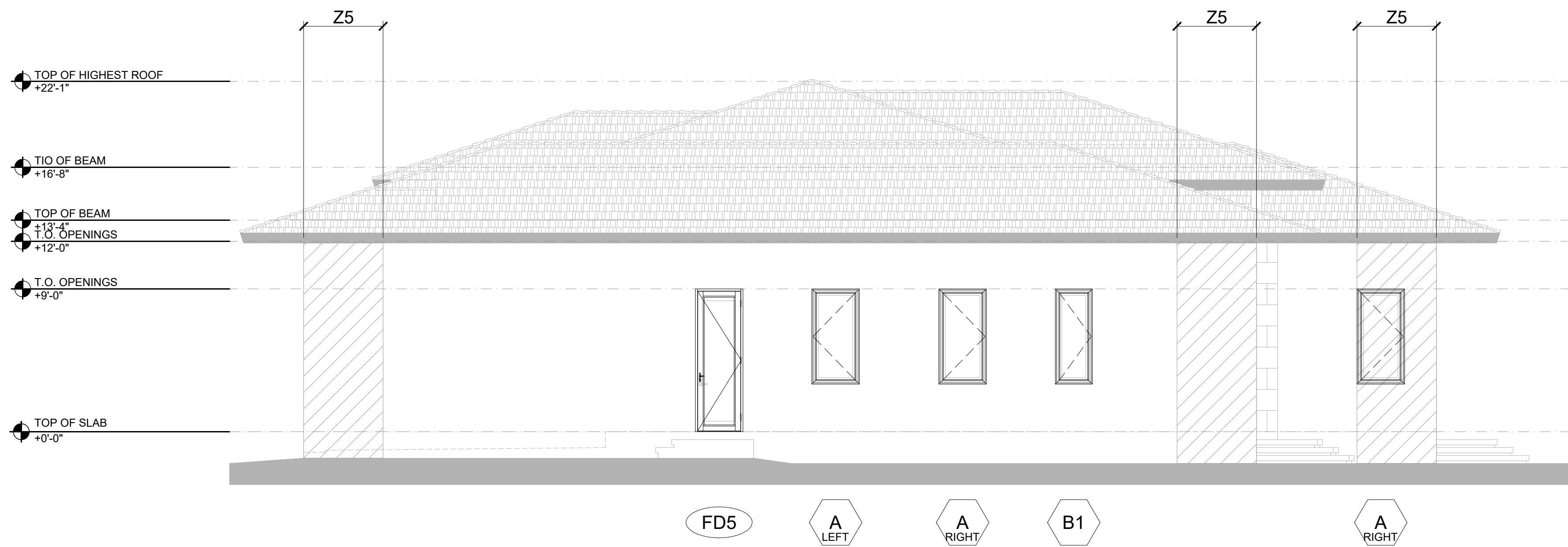
SHEET

SD-1.0





1 FRONT ELEVATION (WEST)
SCALE 3/16" = 1'-0"



2 SIDE ELEVATION (SOUTH)
SCALE 3/16" = 1'-0"



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE
LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156
ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC,
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

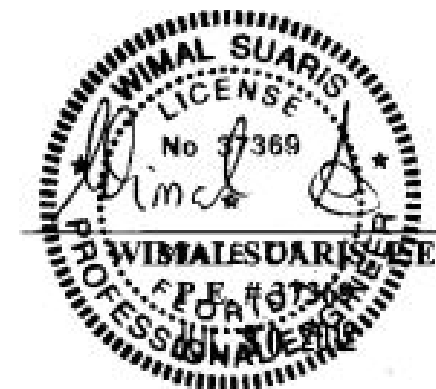
PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	BY	DESCRIPTION	CITY COMMENTS
1	04/26/2024	PC		

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=RDG Engineering, Inc., email=wimal@rdgengineering.com, c=US
Date: 2024.07.11 12:22:03 -0500



WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No: 467560

DRAWN: PC CHECKED BY: NO

DATE: 07.11.2023 SCALE: AS SHOWN

DRAWING TITLE

BLDG ELEVATIONS

SHEET SD-2.0



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ALAYON RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:
LOCATION:
ARCHITECT:

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=RS&E Engineering, Inc., email=wimal@rsandengineering.com, c=US
Date: 2024.07.11 10:52:46 -0500

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:
467560

DRAWN
PC

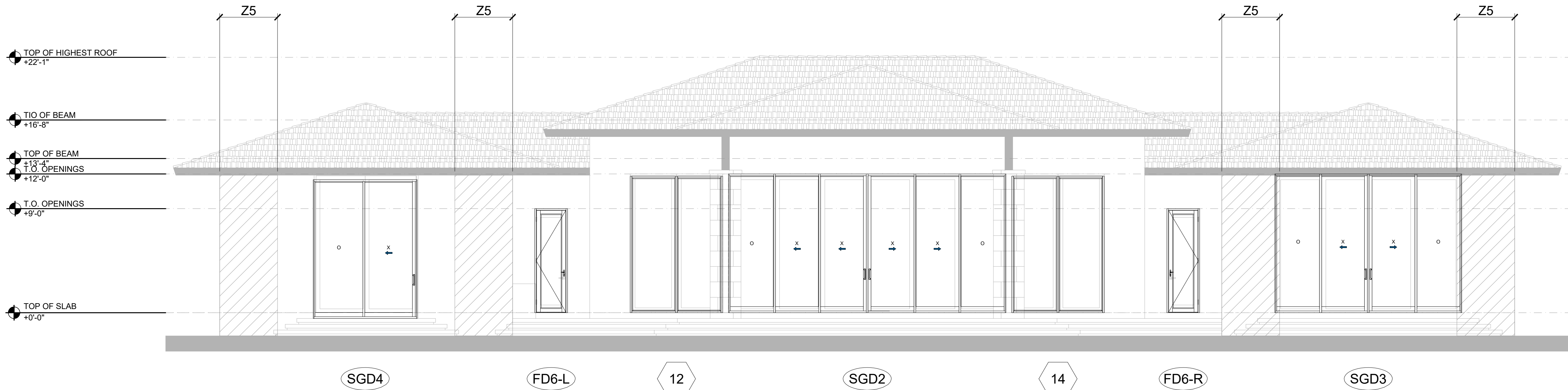
CHECKED BY
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DATE
07.11.2023

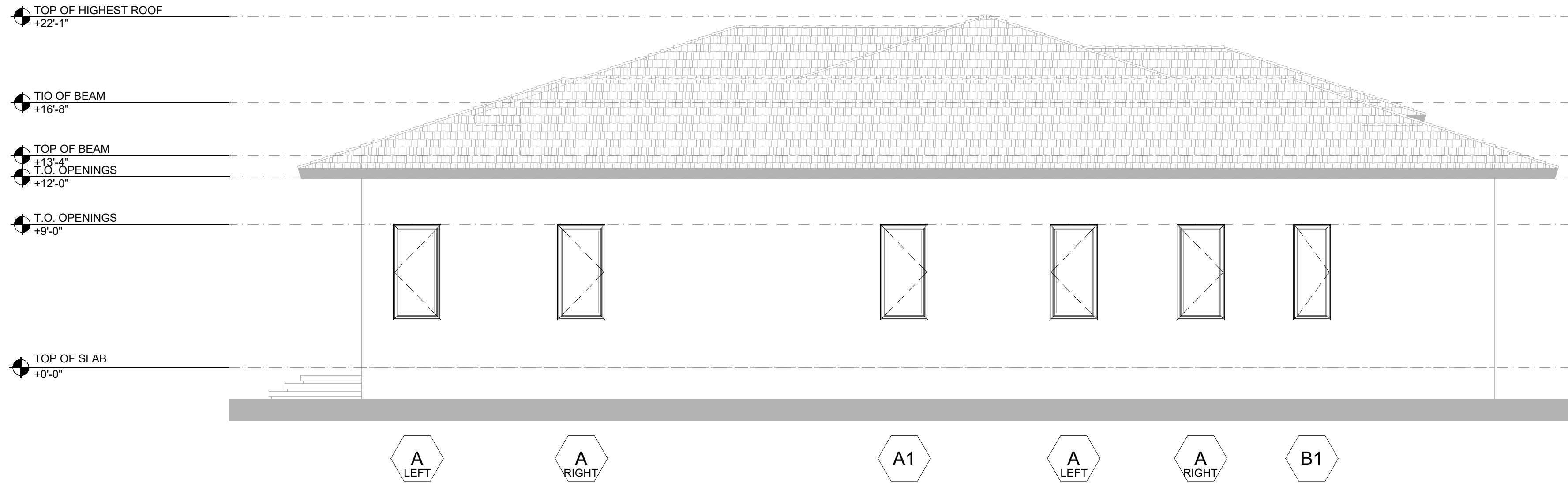
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AS SHOWN

DRAWING TITLE
BLDG ELEVATIONS

SHEET
SD-2.1



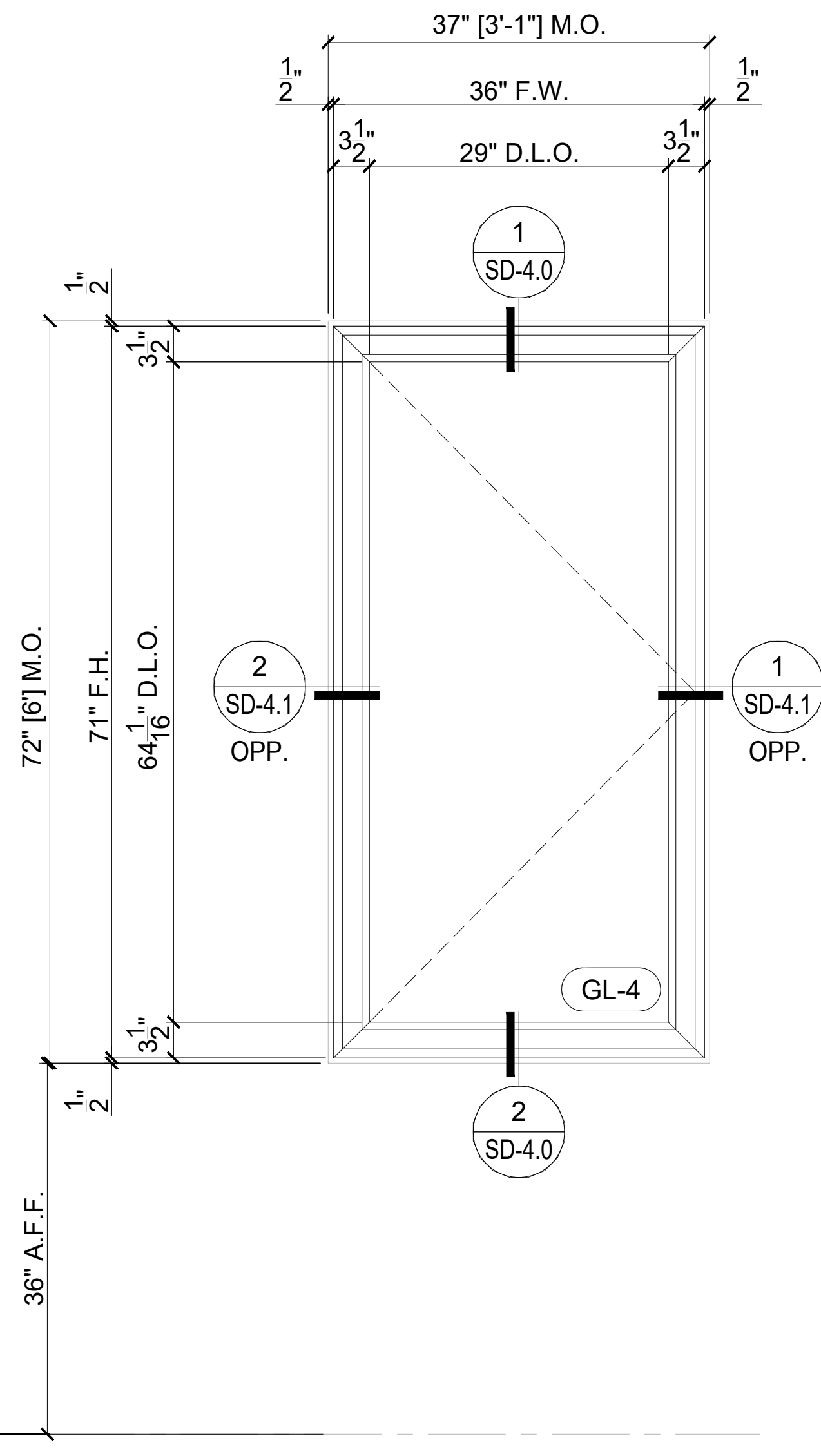
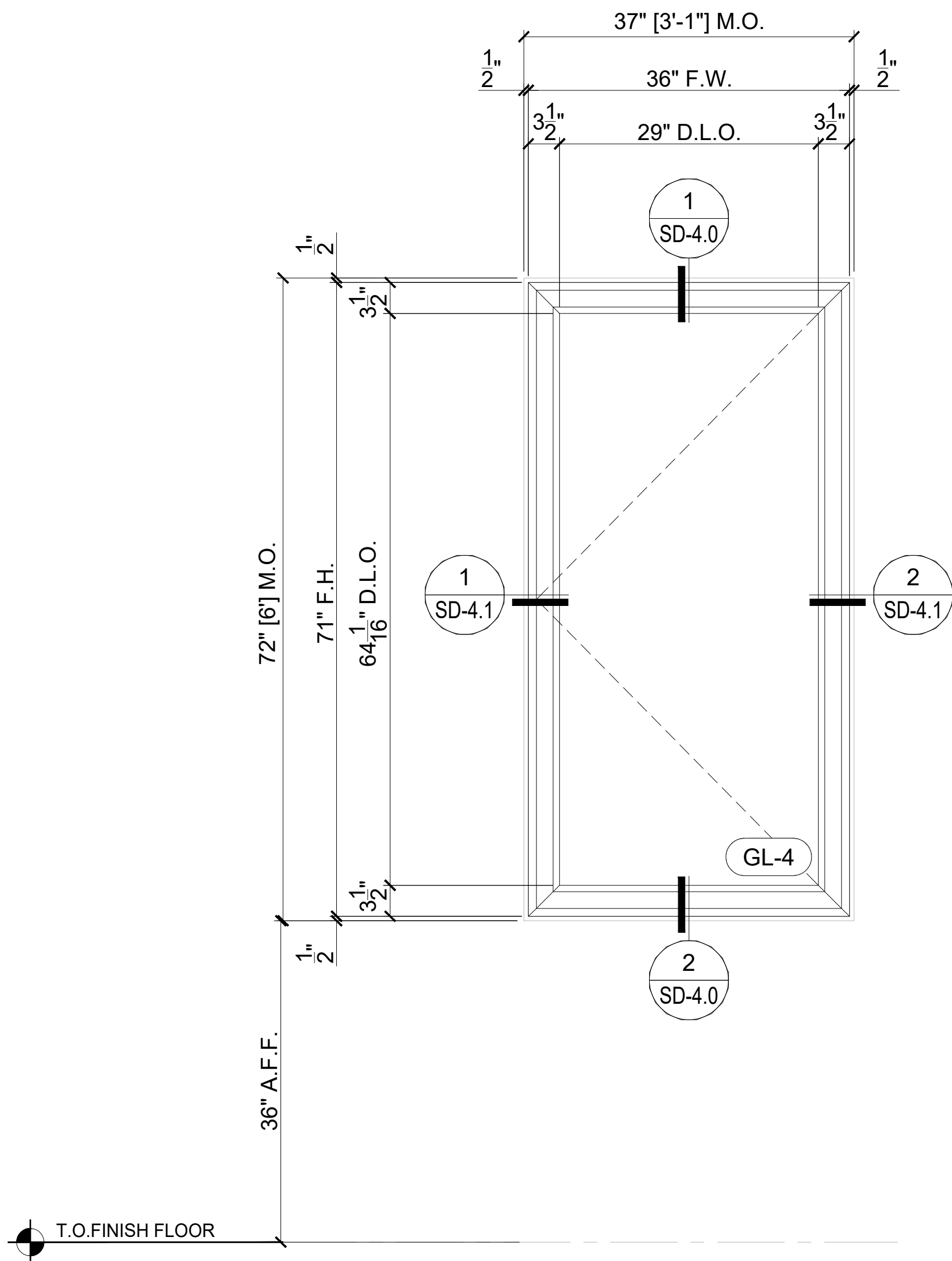
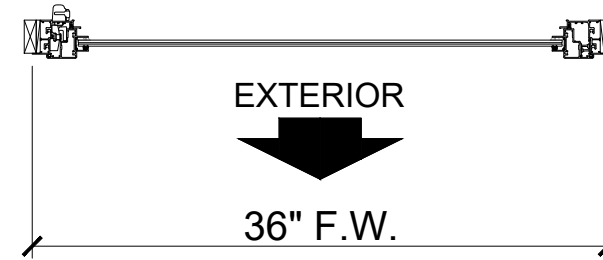
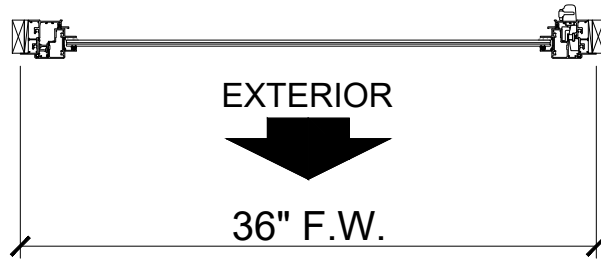
1 REAR ELEVATION (EAST)
SCALE 3/16" = 1'-0"



2 SIDE ELEVATION (NORTH)
SCALE 3/16" = 1'-0"

LEGEND

- GL-1 GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O.DAY LIGHT OPENING
- DENOTES STEEL TUBE (NOT BY READY WINDOW)
- DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1
Z5	+43.5	-58.2

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	4
TOTAL REQ'D PER BLDG.	
	4

A LEFT

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-5000 OUTSWING ALUMINUM CASEMENT WINDOW - L.M.I.

N.O.A.#: 23-0717.25

WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1
Z5	+43.5	-58.2

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	4
TOTAL REQ'D PER BLDG.	
	4

A RIGHT

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-5000 OUTSWING ALUMINUM CASEMENT WINDOW - L.M.I.

N.O.A.#: 23-0717.25

SHOP DRAWING CHECKED FOR STRUCTURAL REQUIREMENTS ONLY.

WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

PROJECT No: 467560

DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN

DRAWING TITLE
FRAME ELEVATIONS

SHEET
SD-3.0

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ALAYON RESIDENCE

LEGEND

GL-1

GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)

△

REVISION

OPP. OPPOSITE VIEW OF DETAIL

M.O. MASONRY OPENING

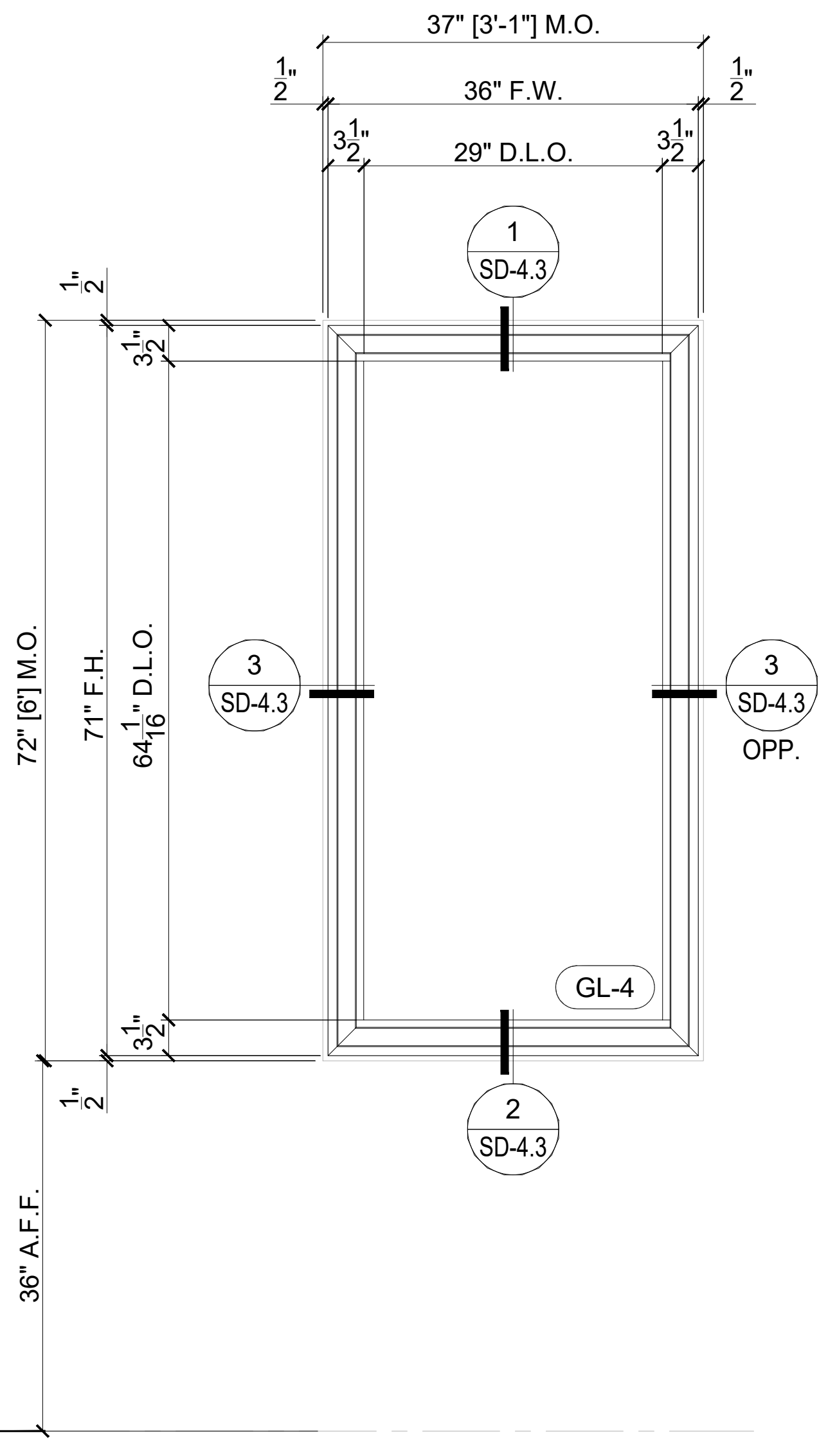
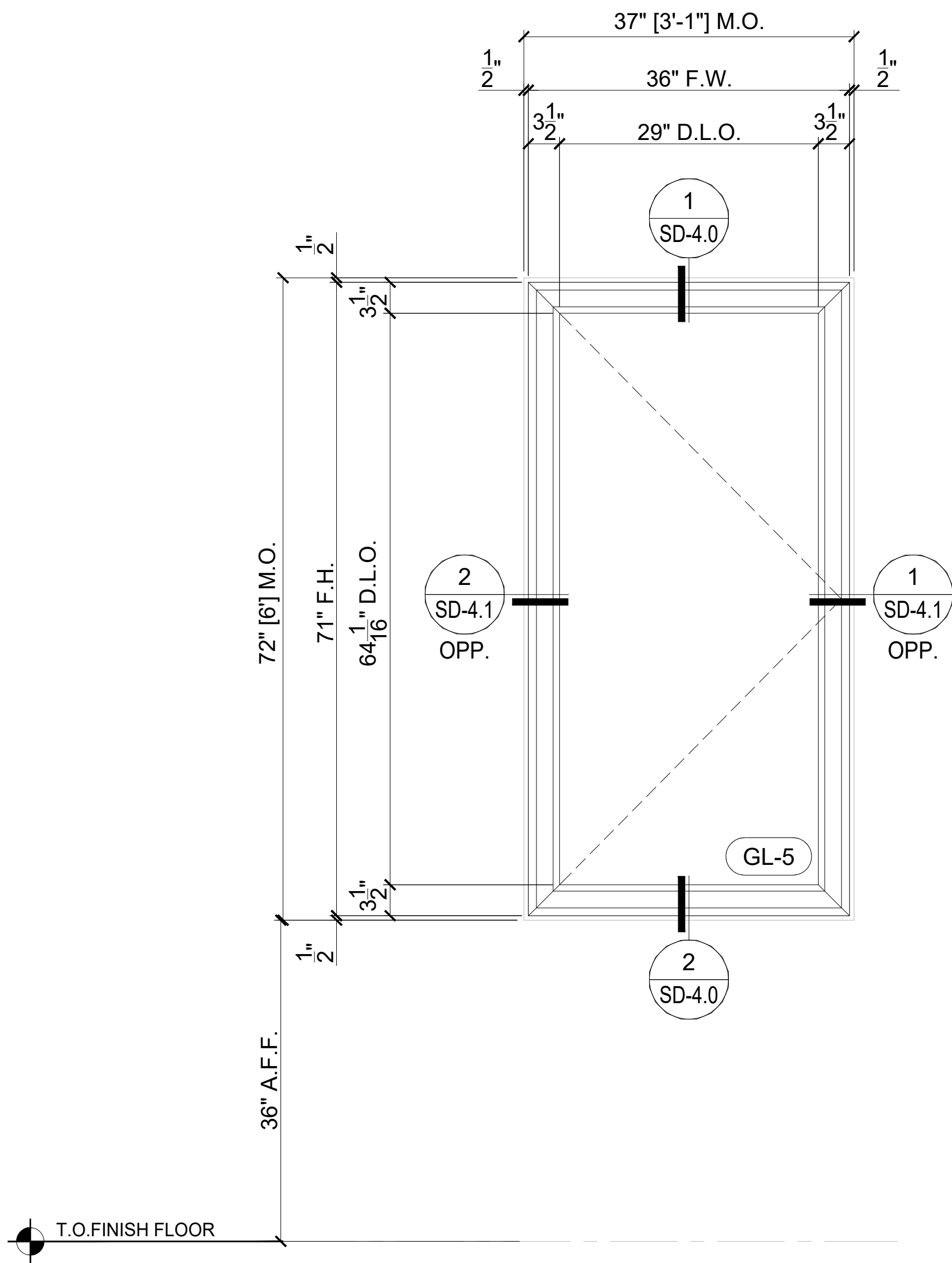
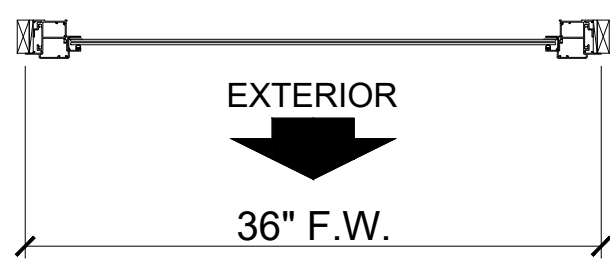
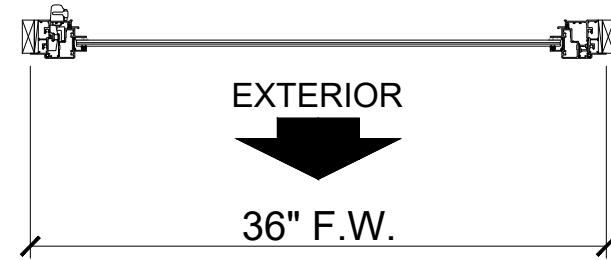
F.W. FRAME WIDTH

F.H. FRAME HEIGHT

D.L.O.DAY LIGHT OPENING

DENOTES STEEL TUBE (NOT BY READY WINDOW)

DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	
1	

A1 (RIGHT FROSTED)

Scale : 1" = 1'-0"
Manufacturer: ES WINDOWS
Series: ES-5000 OUTSWING ALUMINUM CASEMENT WINDOW - L.M.I.
N.O.A.#: 23-0717.25

WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	2
TOTAL REQ'D PER BLDG.	
2	

A FIXED

Scale : 1" = 1'-0"
Manufacturer: ES WINDOWS
Series: ES-5100 ALUMINUM FIXED WINDOW - L.M.I.
N.O.A.#: 23-0724.08

Wimal Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=ES, email=wimal@esengineering.com, c=US
Date: 2024.07.11 12:50:42 -0700

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

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ALAYON RESIDENCE

ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	BY	DESCRIPTION	CITY COMMENTS
1	04/26/2024	PC		

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

FRAME ELEVATIONS

SHEET

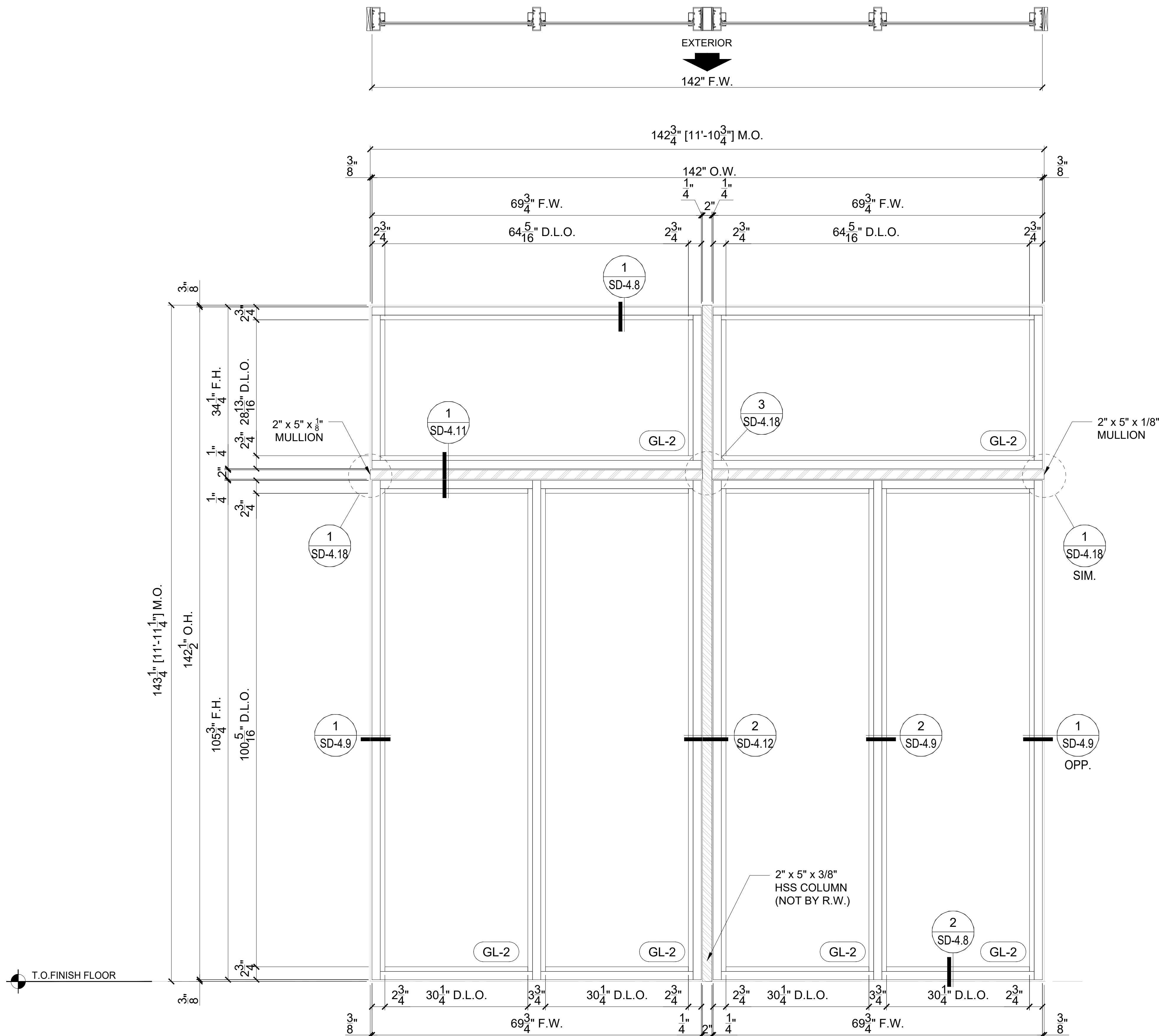
SD-3.1

7/10/2024 12:48 p.m.

c:\users\wimaru\one\drive - ready windows sales and service\documents - alan manzanilla's files\2023\residential\2023 06 15 - alayon residence.dwg\sd-3.0 frame elevations.dwg

LEGEND

- (GL-1) GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
- DENOTES STEEL TUBE (NOT BY READY WINDOW)
- DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	2
TOTAL REQ'D PER BLDG.	
2	

D (TOP) + D (BOTTOM)

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-8000T ALUMINUM WINDOW WALL SYSTEM - L.M.I.

N.O.A.#: 20.1118.02

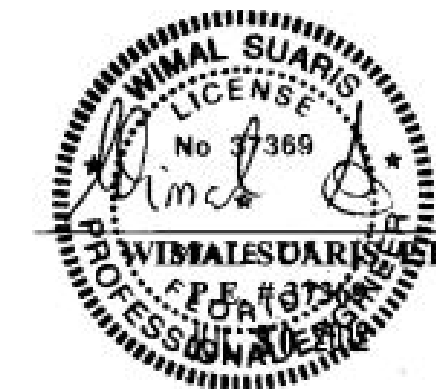
Series: CLIPPED, EXTRUDED ALUMINUM TUBE - L.M.I.

N.O.A.#: 23-0717.20

Wimal Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=ES
Email=wimal@readywindow.com
Date: 2024.07.11 13:43:53 -0700

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

FRAME ELEVATIONS

SHEET

SD-3.4



FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	1

E

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:	
467560	
DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN
DRAWING TITLE	
FRAME ELEVATIONS	
SHEET	
SD 3 5	

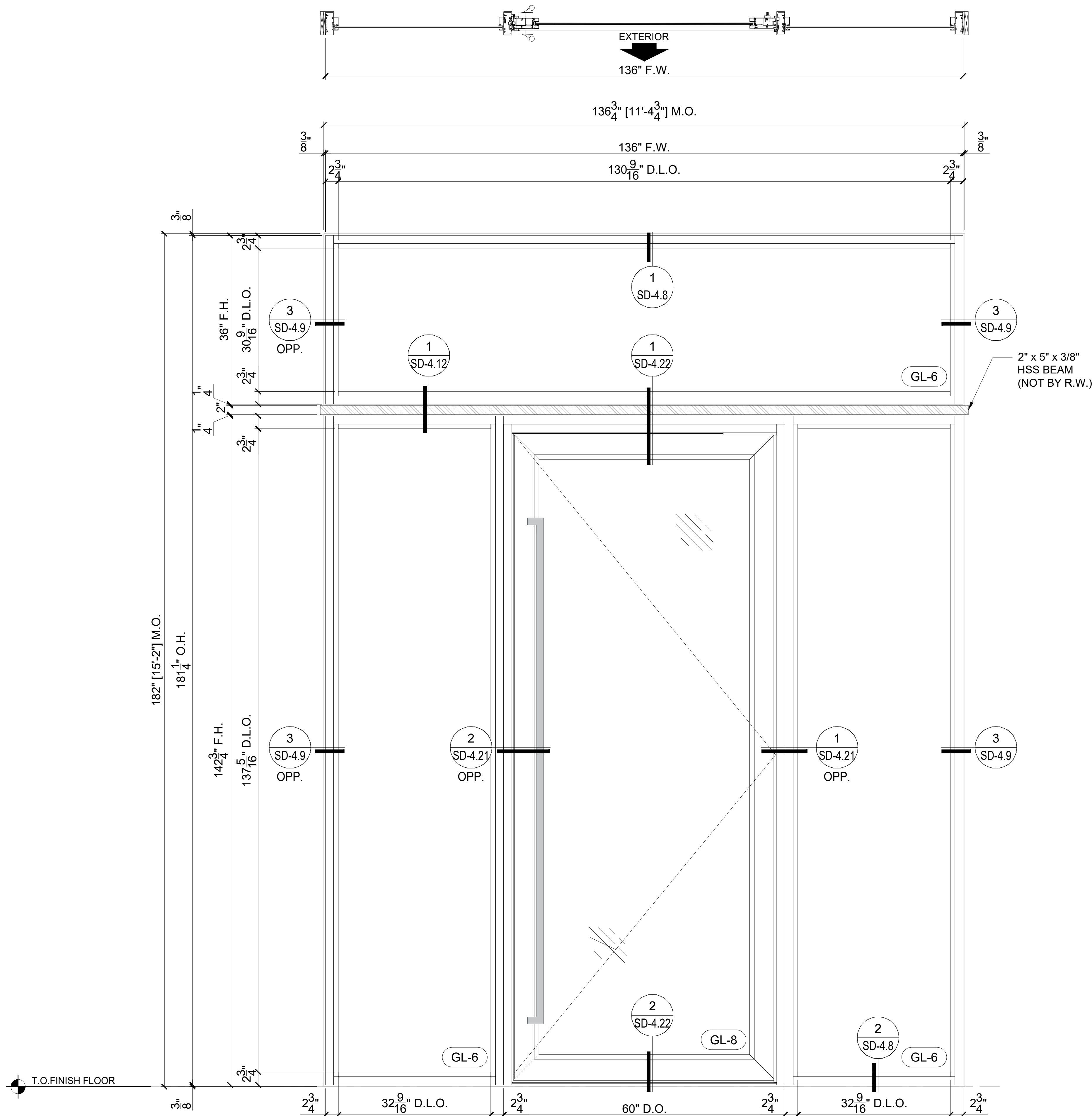
PROJECT NAME:	ALAYON RESIDENCE
LOCATION:	9875 SW 69TH COURT PINECRESTS, FL 33156
ARCHITECT:	CATILLO ARCHITECTURE & PLANNING LLC. 6356 MANOR LANE, SUITE 105 SOUTH MIAMI, FL 33143

7/10/2024 12:48 p.m.

c:\users\warguez\one drive - ready windows sales and service\documents - alan manzanilla's files\2023\residential\2023.06.15 - alayon residence.dwg\sd-3.0 frame elevations.dwg

LEGEND

- (GL-1) GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
- DENOTES STEEL TUBE (NOT BY READY WINDOW)
- DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	1

ENTRY (PIVOT, EN-S & EN-T)

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-8000 ALUMINUM WINDOW WALL SYSTEM - L.M.I.

N.O.A.#: 23-0724.11

Series: ES-PSD5030T PIVOT DOOR - L.M.I.

F.L.#: 41358.1

Series: CLIPPED, EXTRUDED ALUMINUM TUBE - L.M.I.

N.O.A.#: 23-0717.20

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=D.L.G. Engineering, Inc., email=wimal@dlgeengineering.com, date=2024.07.11 16:17:29 -0500



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

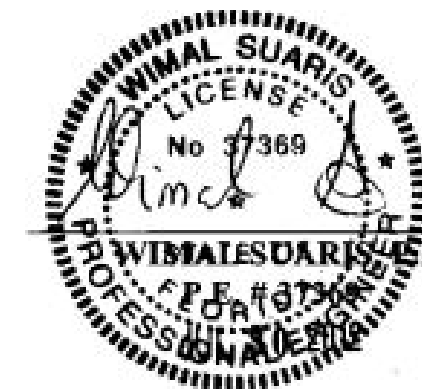
DRAWING TITLE

FRAME ELEVATIONS

SHEET

SD-3.6

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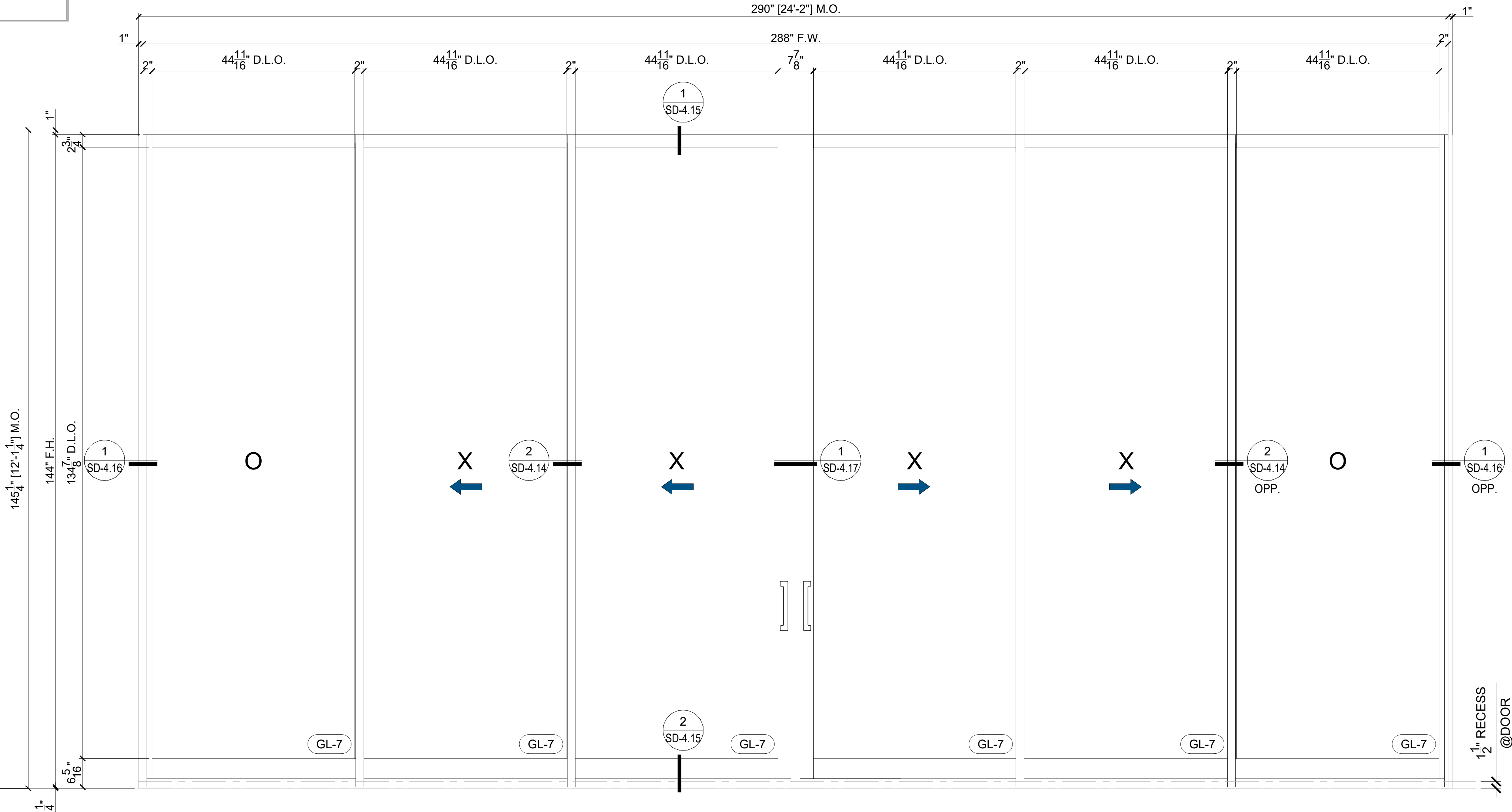
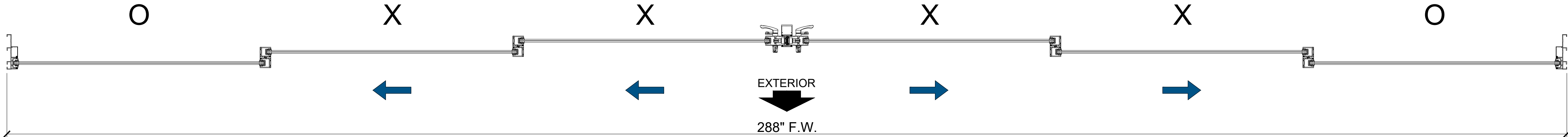
WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

7/10/2024 12:48 p.m.

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LEGEND

- (GL-1) GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
-  DENOTES STEEL TUBE (NOT BY READY WINDOW)
-  DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	
1	

SGD2

Scale : 1" = 1'-0"

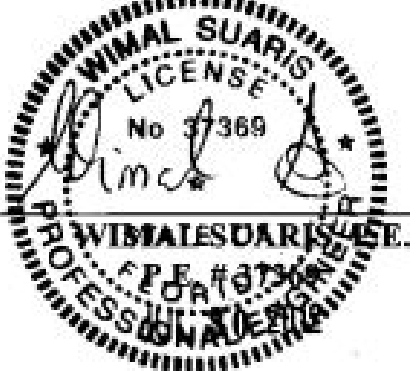
Manufacturer: ES WINDOWS

Series: ES-SGD2020 SLIDING GLASS DOOR - L.M.I.

F.L.#: 22267.1

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=ES, email=wimal@esengineering.com, c=US
Date: 2024.07.25 13:17:54 -0500

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CA # 28476



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

REV	DATE	BY	DESCRIPTION	CITY COMMENTS	
1	04/26/2024	PC			

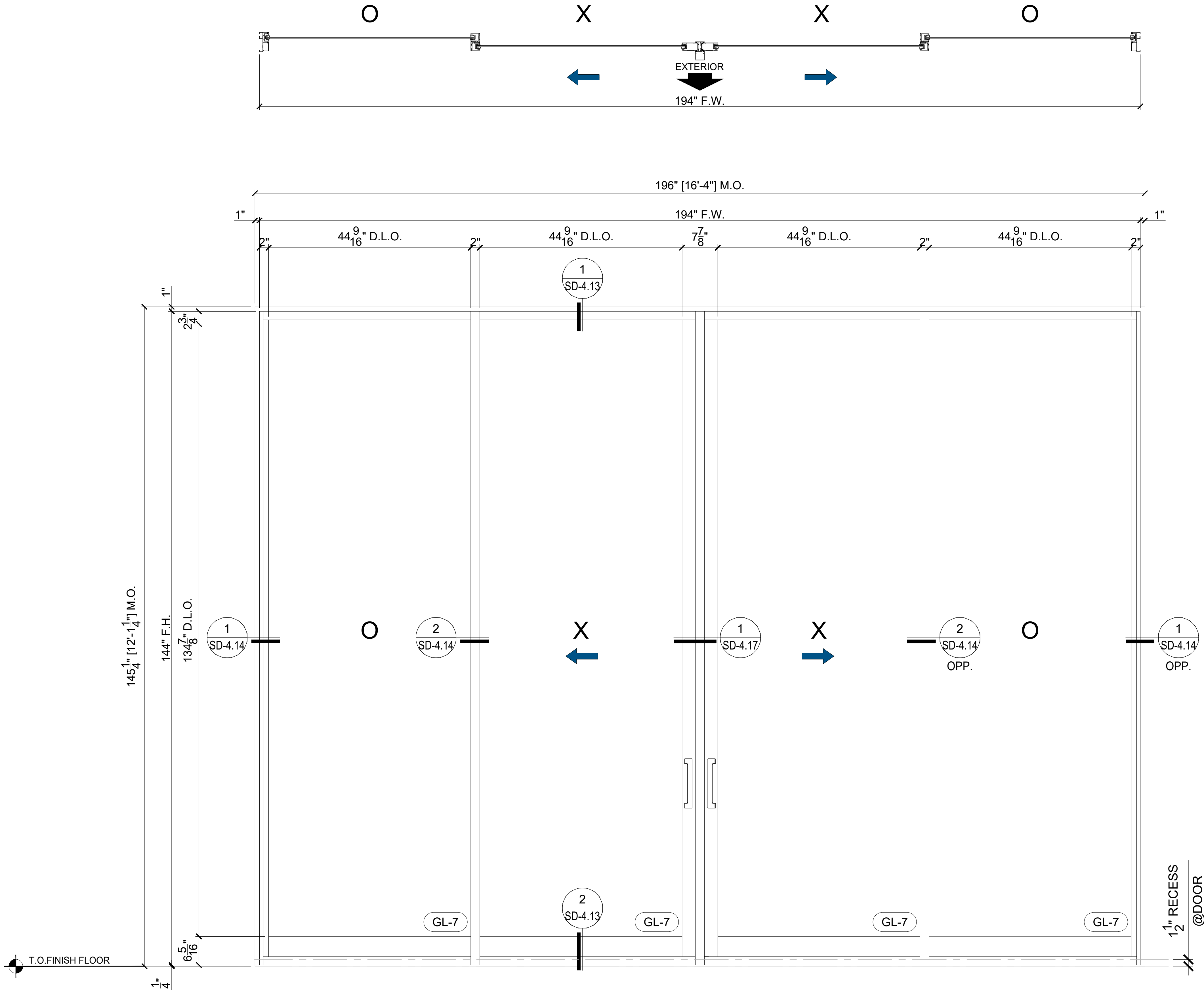
PROJECT No: 467560	
DRAWN: PC	CHECKED BY: NO
DATE: 07.11.2023	SCALE: AS SHOWN
DRAWING TITLE: FRAME ELEVATIONS	
SHEET: SD-3.7	

7/10/2024 12:48 p.m.

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LEGEND

- GL-1 GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
- DENOTES STEEL TUBE (NOT BY READY WINDOW)
- DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	
1	

SGD3

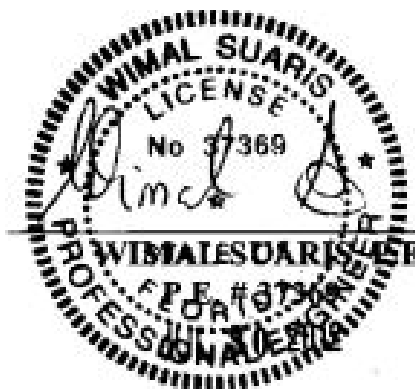
Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-SGD2020 SLIDING GLASS DOOR - L.M.I.

F.L.#: 22267.1

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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

FRAME ELEVATIONS

SHEET

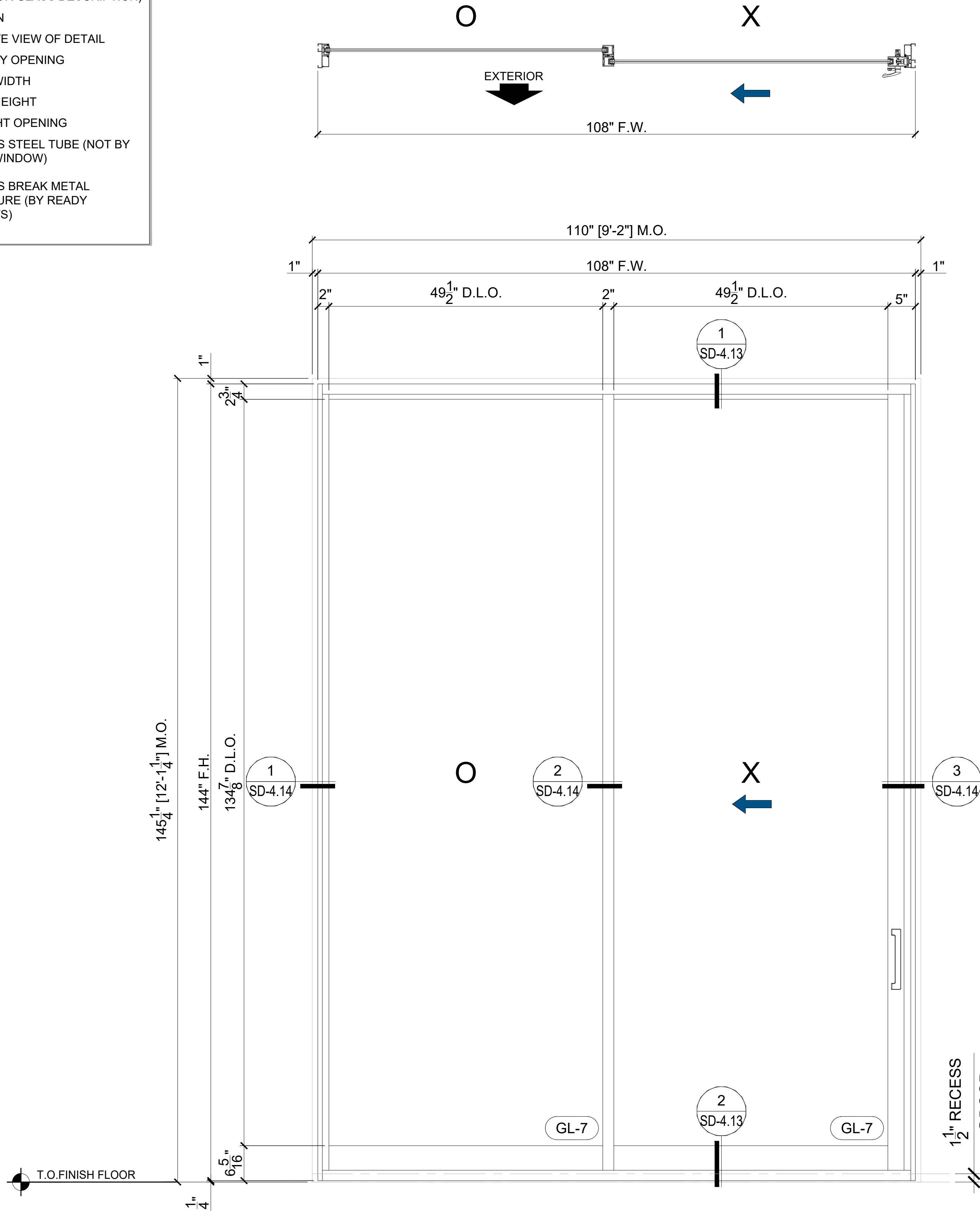
SD-3.8

7/10/2024 12:48 p.m.

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LEGEND

- GL-1 GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
-  DENOTES STEEL TUBE (NOT BY READY WINDOW)
-  DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	
1	

SGD4

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-SGD2020 SLIDING GLASS DOOR - L.M.I.

F.L.#: 22267.1

WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	
1	

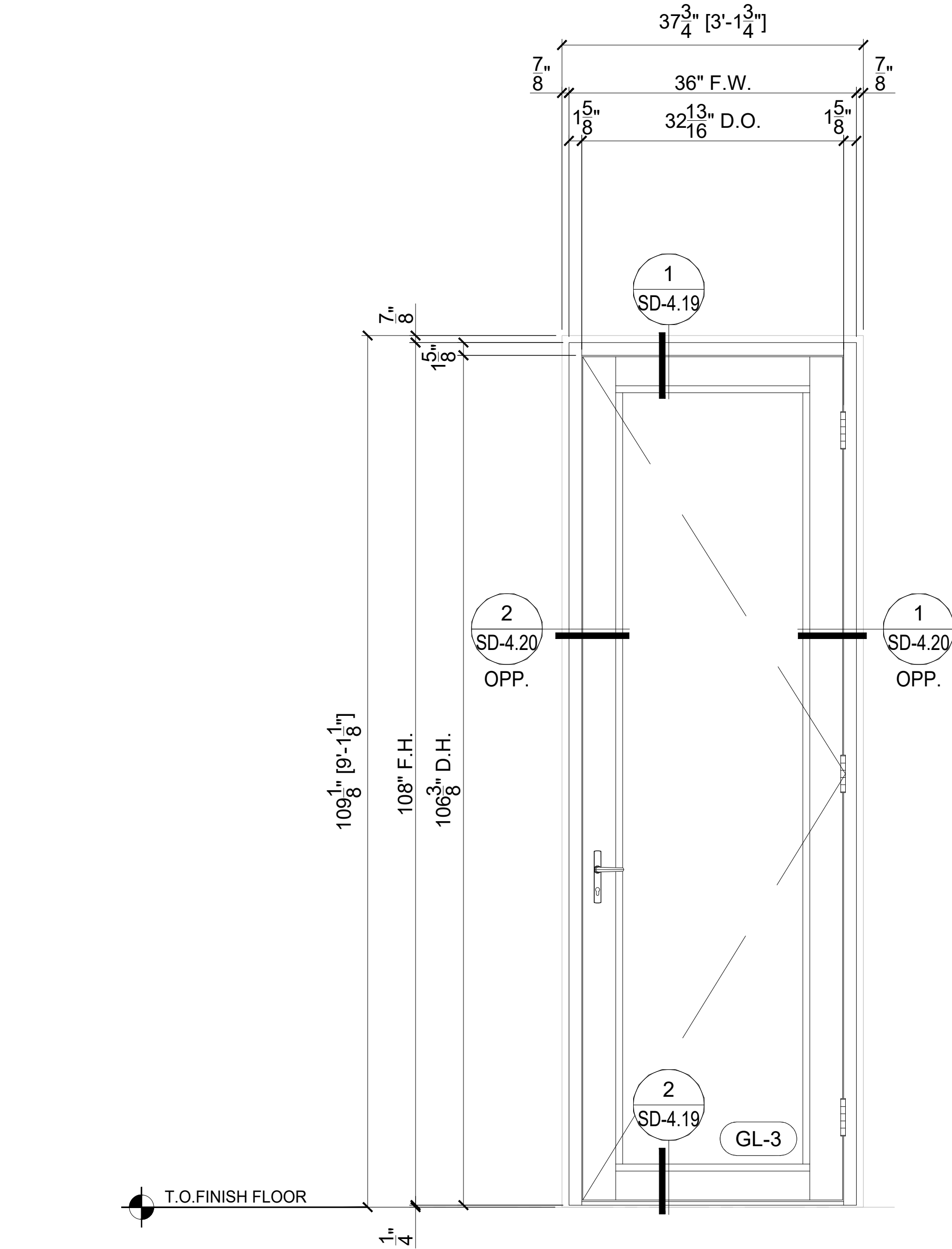
FD5

Scale : 1" = 1'-0"

Manufacturer: ES WINDOWS

Series: ES-EL300 OUTSWING ENTRANCE DOOR - L.M.I.

F.L.#: 22551.1



Wimal Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
email=wimal@wimalengineering.com,
serial=2024.07.11.13.05.00+0200

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CA # 28476



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

PROJECT No:

467560

DRAWN	CHECKED BY
PC	NO
DATE	SCALE
07.11.2023	AS SHOWN

DRAWING TITLE

FRAME ELEVATIONS

SHEET

SD-3.9

GL-1 GLASS TYPE (REFER TO SHEET
SD-0.0 FOR GLASS DESCRIPTION)

△ REVISION

OPP. OPPOSITE VIEW OF DETAIL

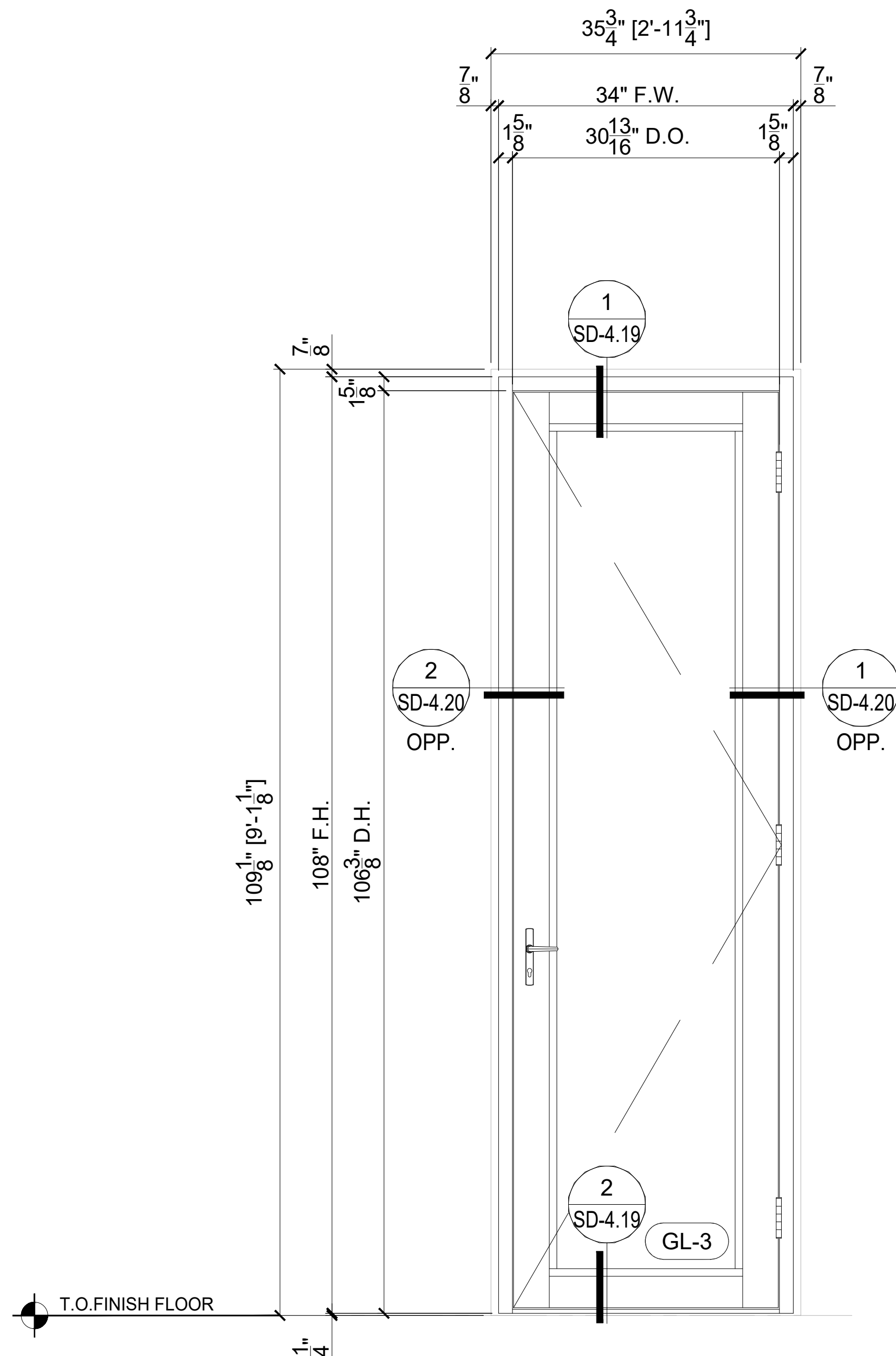
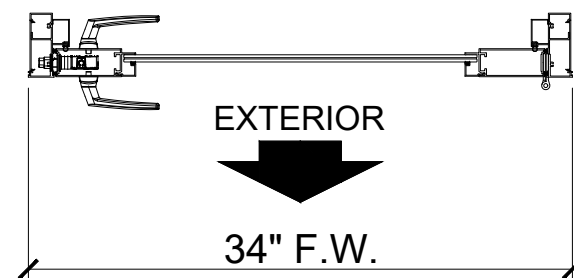
M.O. MASONRY OPENING

F.W. FRAME WIDTH

F.H. FRAME HEIGHT

D.L.O. DAY LIGHT OPENING

 DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)

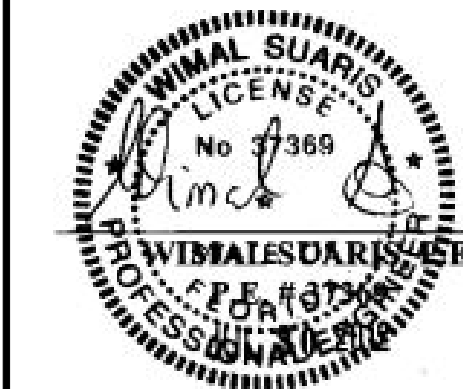


FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	1

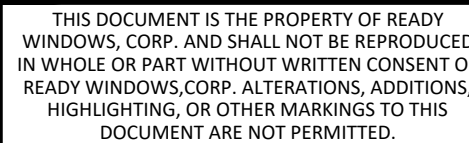
Scale :	1" = 1'-0"
Manufacturer:	ES WINDOWS
Series:	ES-EL300 OUTSWING ENTRANCE DOOR - L.M.I.
F.L.#:	22551.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	1
TOTAL REQ'D PER BLDG.	1

Scale :	1" = 1'-0"
Manufacturer:	ES WINDOWS
Series:	ES-EL300 OUTSWING ENTRANCE DOOR - L.M.I.
F.L.#:	22551.1



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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476



ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	BY	DESCRIPTION
1	04/28/2024	PC	CITY COMMENTS

PROJECT No:

467560

DRAW

CHECKED BY _____

DATE _____

SCALE

DRAWING TITLE

FRAME ELEVATIONS

SHEET

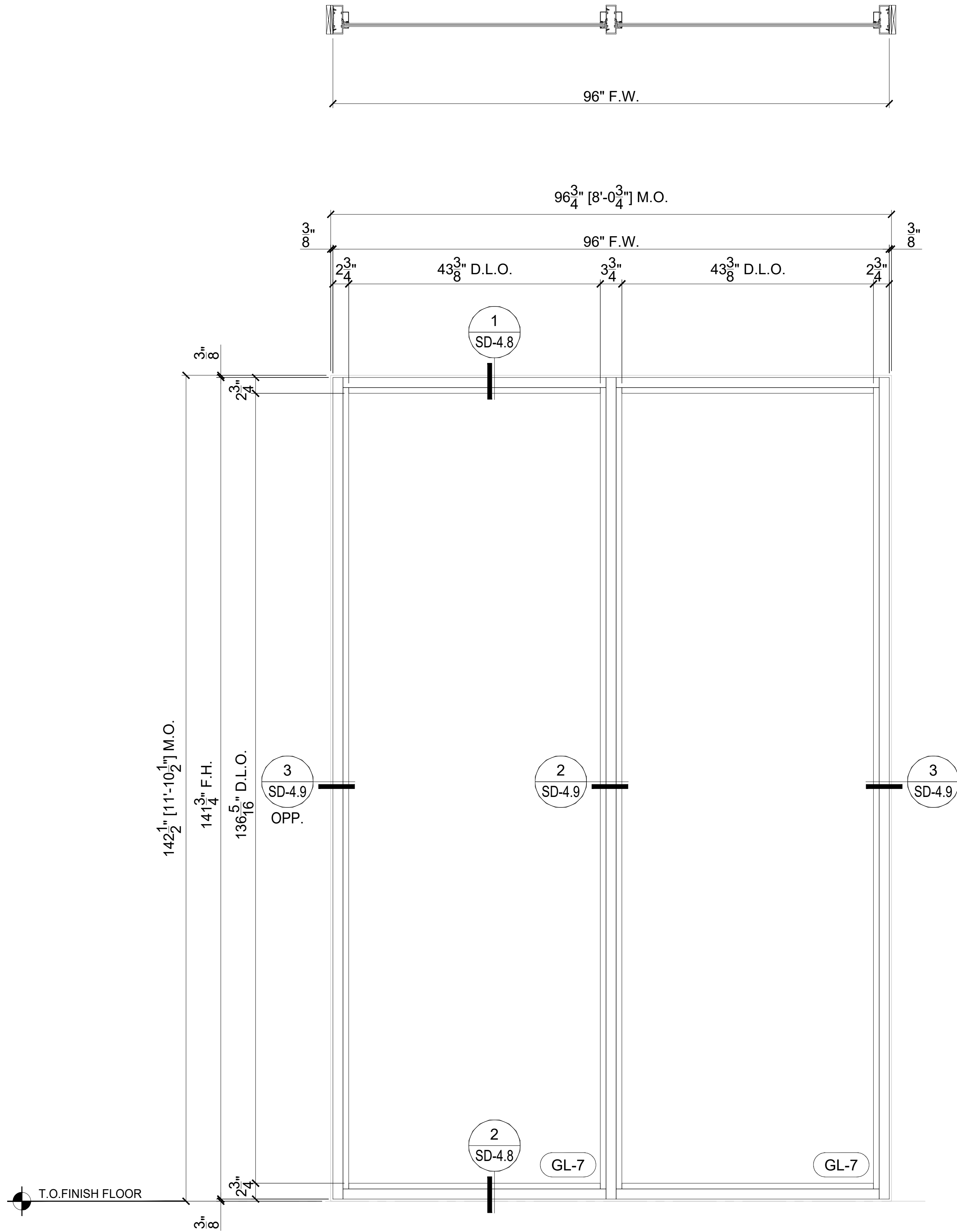
SD-3.10

7/10/2024 12:48 p.m.

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LEGEND

- GL-1 GLASS TYPE (REFER TO SHEET SD-0.0 FOR GLASS DESCRIPTION)
- △ REVISION
- OPP. OPPOSITE VIEW OF DETAIL
- M.O. MASONRY OPENING
- F.W. FRAME WIDTH
- F.H. FRAME HEIGHT
- D.L.O. DAY LIGHT OPENING
- DENOTES STEEL TUBE (NOT BY READY WINDOW)
- DENOTES BREAK METAL ENCLOSURE (BY READY WINDOWS)



12 & 14 (FIXED)

Scale : 1" = 1'-0"
Manufacturer: ES WINDOWS
Series: ES-8000 ALUMINUM WINDOW WALL SYSTEM - L.M.I.
N.O.A.#: 23-0724.11

WIND PRESSURES		
ZONE	+ PSF	- PSF
Z4	+43.5	-47.1

FRAMES, QTY & LOCATION	
LEVEL	QTY
GROUND	2
TOTAL REQ'D PER BLDG.	2



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ALAYON RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

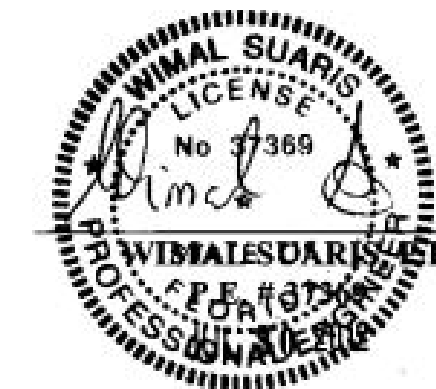
DATE

04/26/2024

REV

1

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

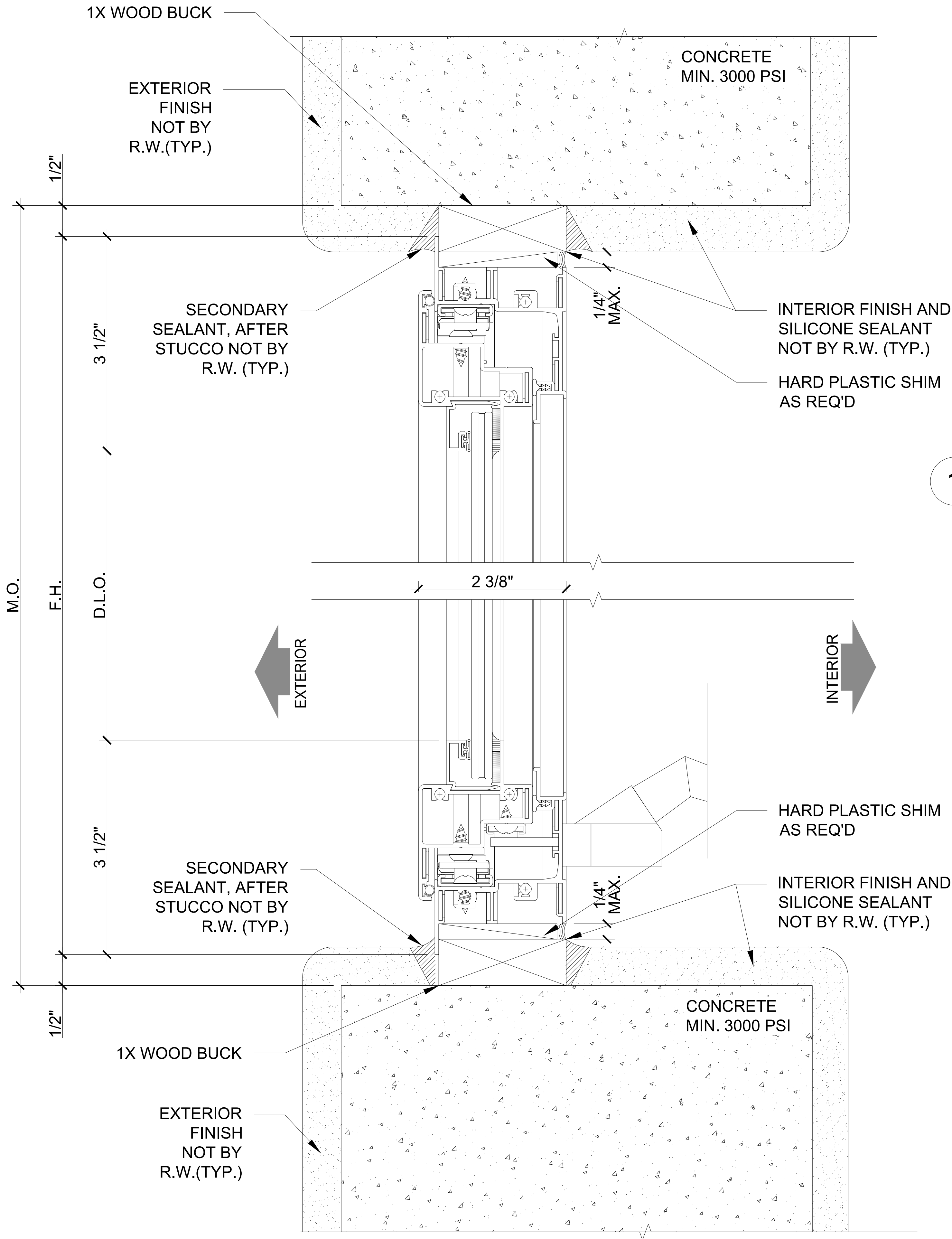
DRAWING TITLE

FRAME ELEVATIONS

SHEET

SD-3.11

"5000" OUTSWING ALUMINUM CASEMENT WINDOW SYST. (LMI)



1 DETAIL
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

1. G.C. TO VERIFY ALL M.O. DIMENSIONS
2. FOR GENERAL NOTES REFER TO SHEET SD-0.0
3. FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
4. SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

2 DETAIL
SCALE: 1'-0" = 1'-0"



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ALAYON
RESIDENCE

ALAYON RESIDENCE
PROJECT NAME:
9875 SW 69TH COURT
PINECRESTS, FL 33156
LOCATION:
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143
ARCHITECT:

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

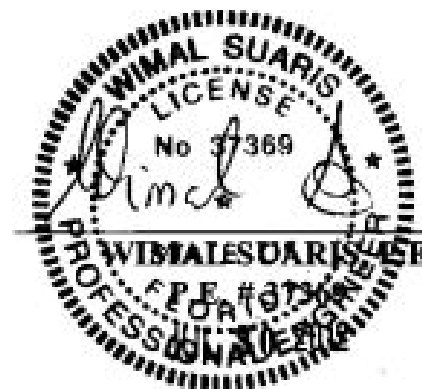
DATE

04/26/2024

REV

1

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

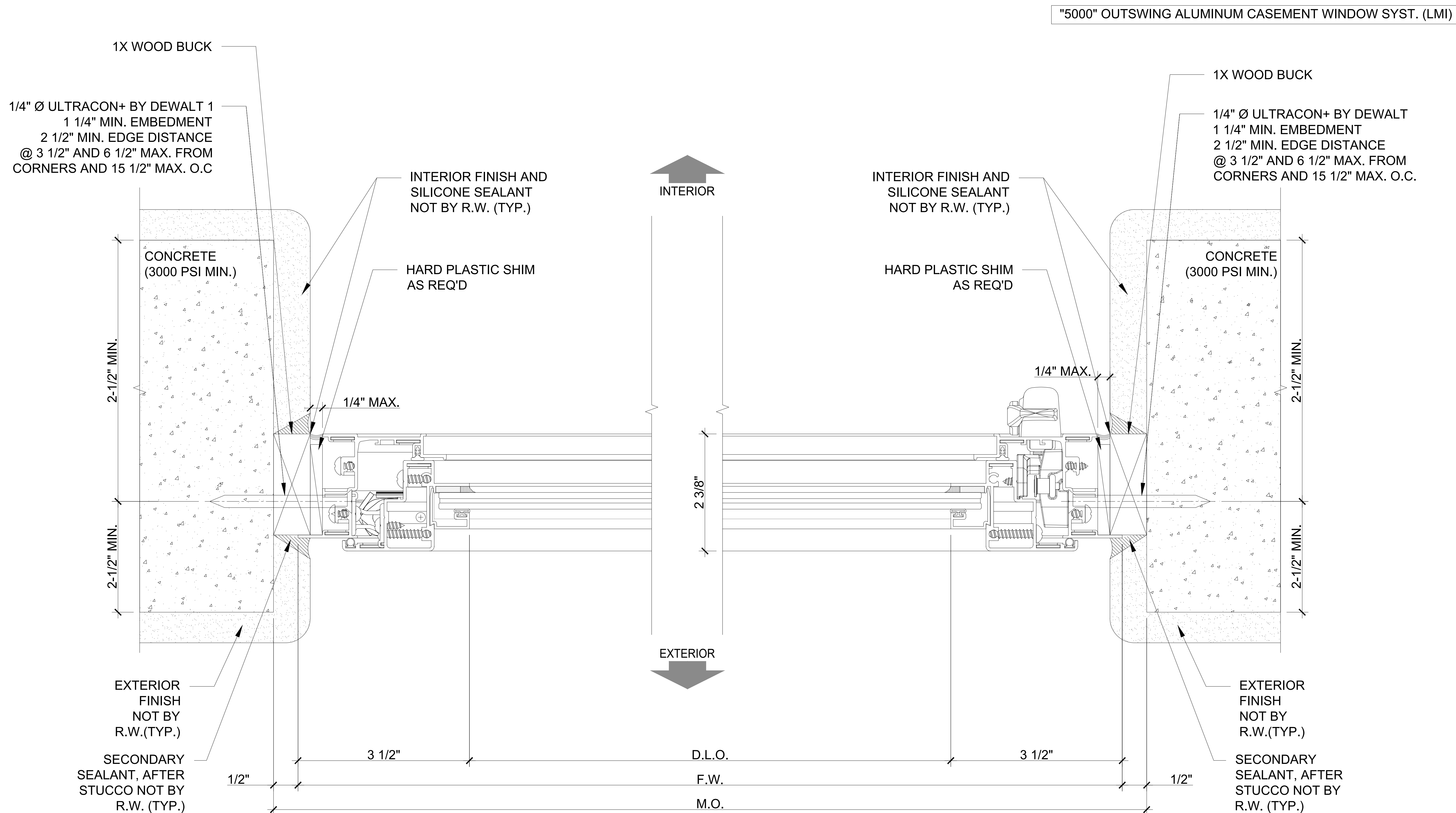
DETAILS

SHEET

SD-4.0

7/10/2024 12:48 p.m.

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1 DETAIL
SCALE: 1'-0" = 1'-0"

2 DETAIL
SCALE: 1'-0" = 1'-0"

- GENERAL NOTES:**
- G.C. TO VERIFY ALL M.O. DIMENSIONS
 - FOR GENERAL NOTES REFER TO SHEET SD-0.0
 - FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
 - SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

Ready WINDOW

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ALAYON RESIDENCE

ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:
LOCATION:
ARCHITECT:

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

Wimal Suaris

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ou=150 Engineering, Inc.,
email=wimal@150engineering.com,
Date: 2024.07.11 15:25:14 +0200

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:
467560

DRAWN
PC

CHECKED BY
NO

DATE
07.11.2023

SCALE
AS SHOWN

DRAWING TITLE
DETAILS

SHEET
SD-4.1

"5000" OUTSWING ALUMINUM CASEMENT WINDOW SYST. (LMI)
"EL-150" ALUMINUM SINGLE FIXED WINDOW SYST. (LMI)



5901 N.W. 36th ST.
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F: 305.260.5114
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ALAYON RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

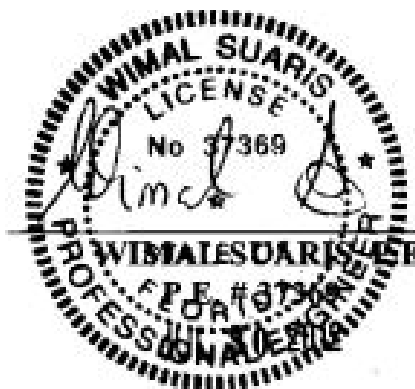
DATE

04/26/2024

REV

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

DRAWN

CHECKED BY

PC

NO

DATE

07.11.2023

SCALE

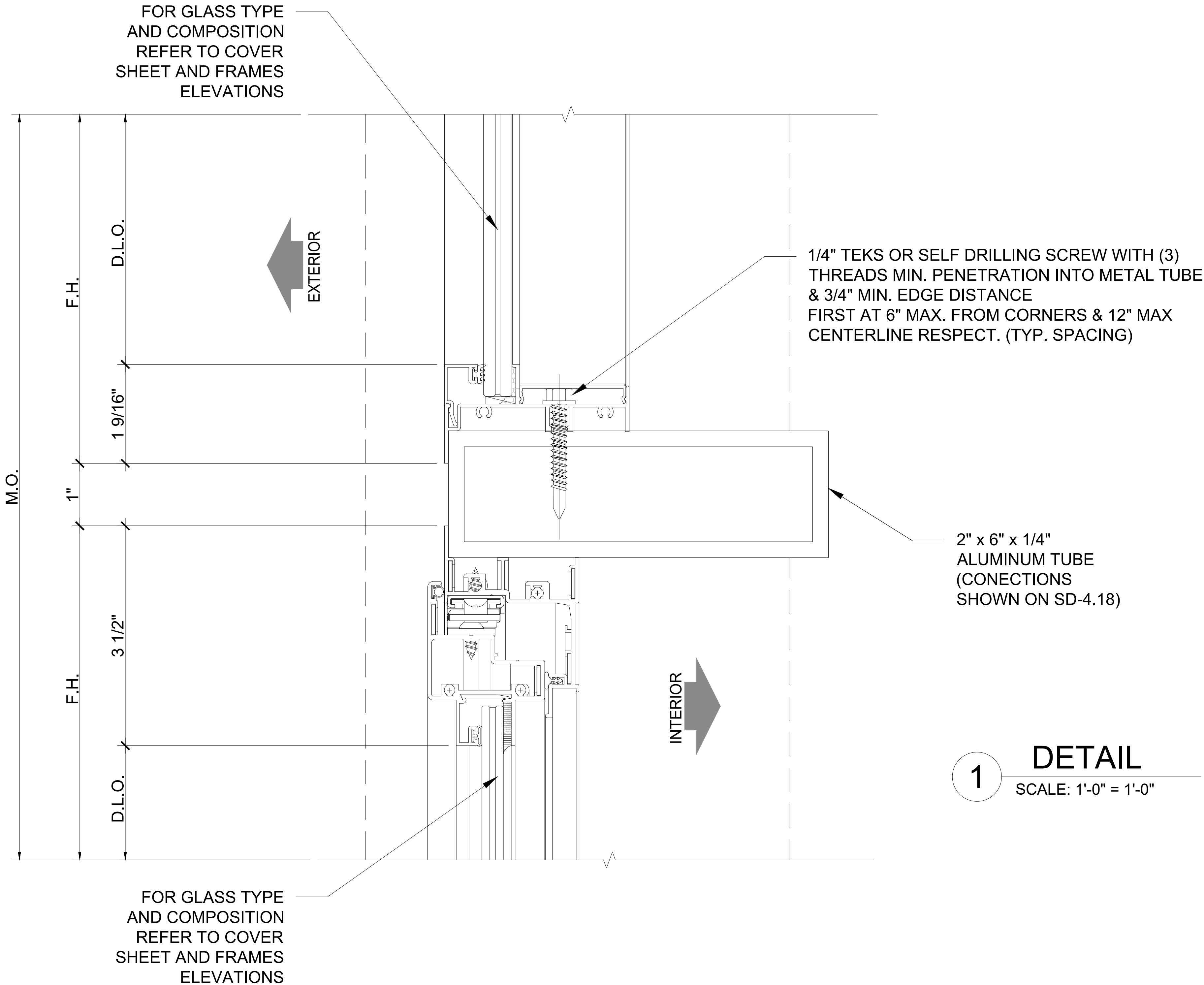
AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.2



Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=LGE,
ou=D.L.G. Engineering, Inc.,
email=ready@dlgeengineering.com,
Date: 2024.07.11 15:14:00 -0400



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



SD-4.3

7/10/2024 12:48 p.m.

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"5000" OUTSWING ALUMINUM CASEMENT WINDOW SYST. (LMI)
"5100" OUTSWING ALUMINUM FIXED CASEMENT WINDOW (LMI)
SERIES CLIPPED, EXTRUDED ALUMINUM TUBE MULLION - L.M.I.



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ALAYON
RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

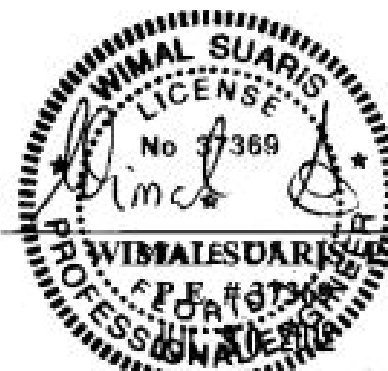
DRAWING TITLE

DETAILS

SHEET

SD-4.4

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

Wimal Suaris
Digital signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
ou=D.L.G. Engineering, Inc.,
email=ready@dlgeengineering.com,
Date: 2024.07.11 15:14:12 -0500

#14 SMS OR SELF DRILLING SCREWS
(GRADE 2)
(3) THREADS MIN. PENETRATION
BEYOND ALUMINUM TUBE
3/4" MIN. EDGE DISTANCE
@ 6" FROM CORNERS AND 15-1/2"
MAX. O.C.

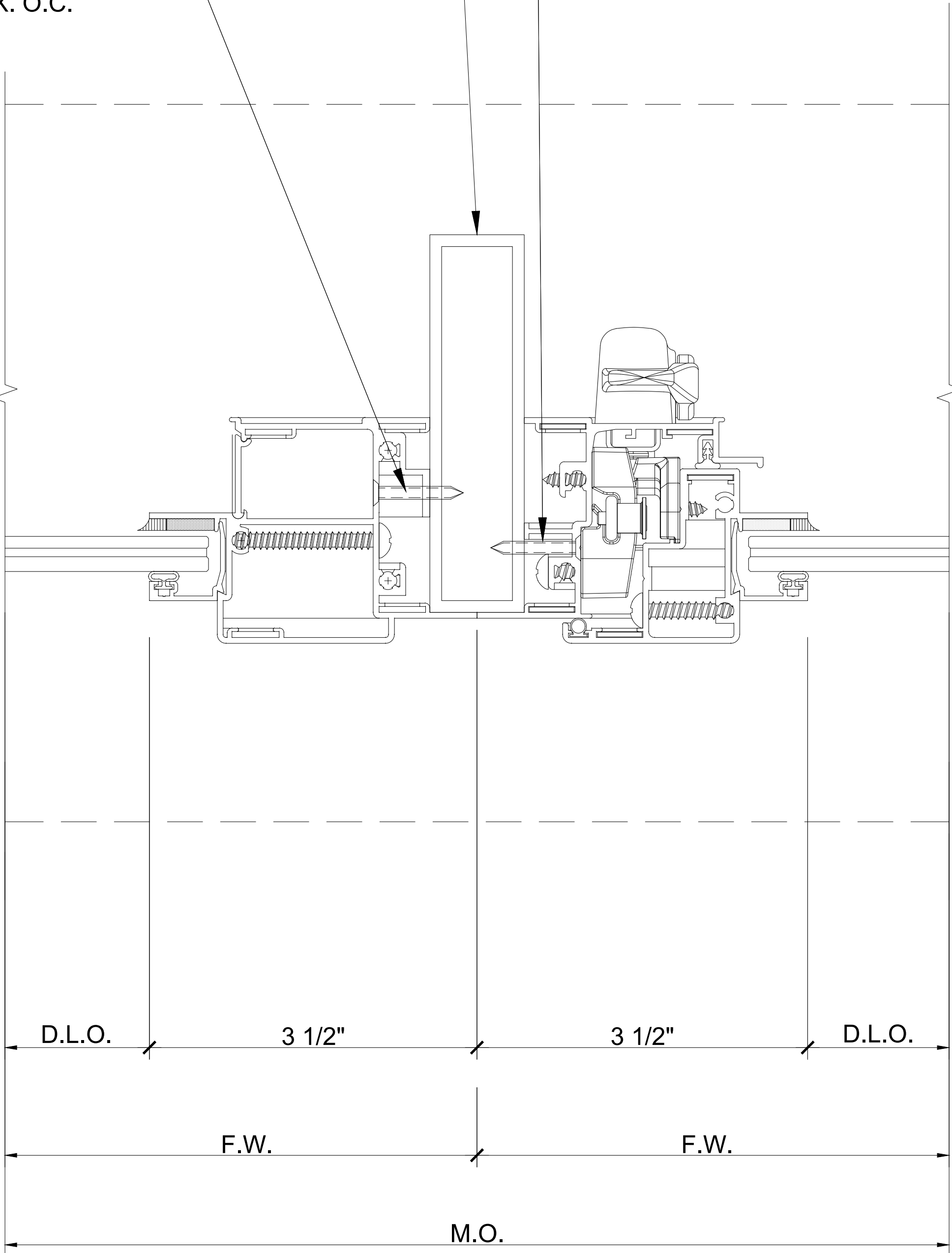
1" X 4" X 1/8"
ALUMINUM
MULLION
(SEE SHEET
SD-4.18 FOR
DETAILS)

#14 SMS OR SELF DRILLING SCREWS
(GRADE 2)
(3) THREADS MIN. PENETRATION
BEYOND SUB-STRATE
11/16" MIN. EDGE DISTANCE
@ 3-1/2" & 6-1/2" MAX. FROM CORNER
AND 15-1/2" MAX. O.C. SPACING.

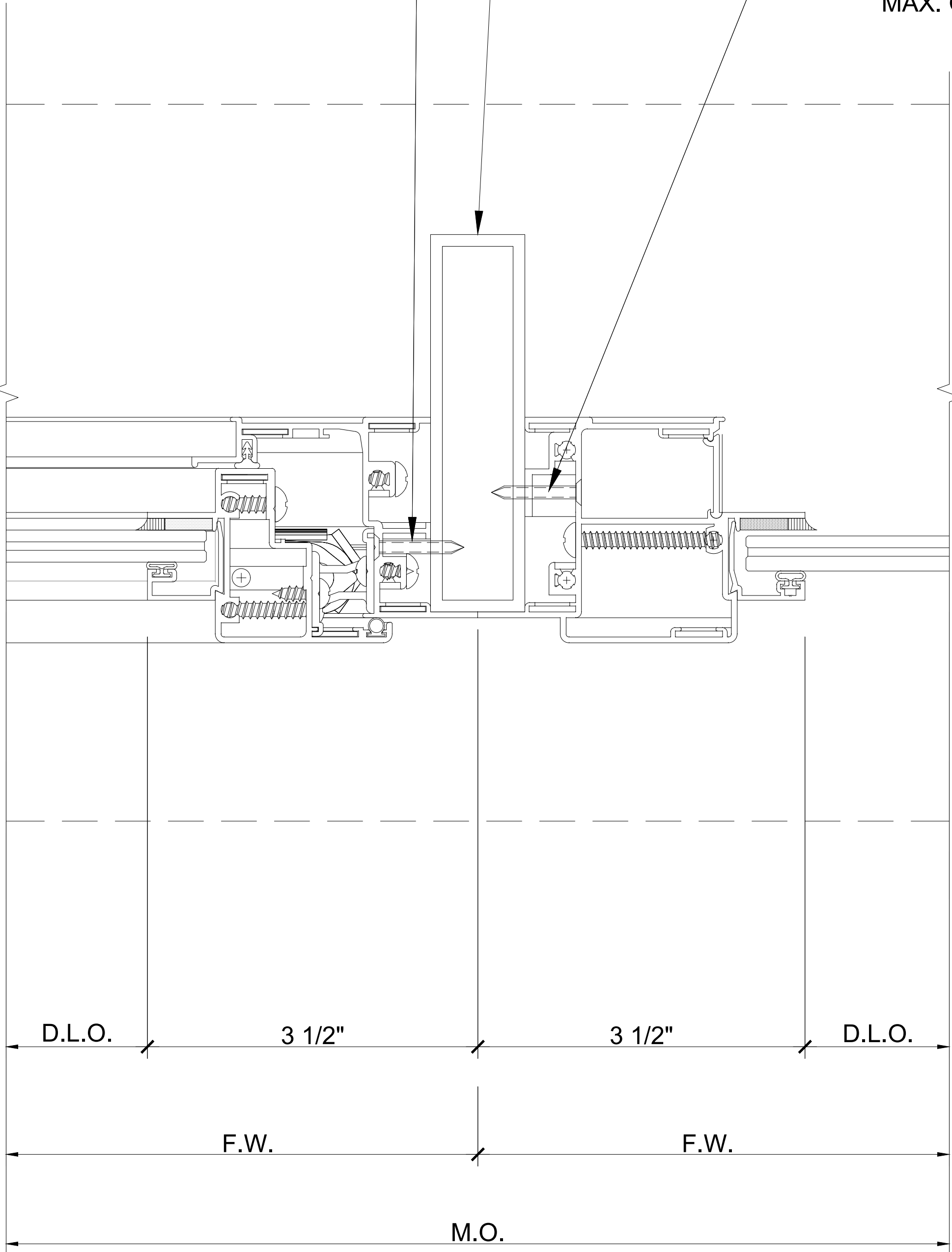
#14 SMS OR SELF DRILLING SCREWS
(GRADE 2)
(3) THREADS MIN. PENETRATION
BEYOND SUB-STRATE
11/16" MIN. EDGE DISTANCE
@ 3-1/2" & 6-1/2" MAX. FROM CORNER
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1" X 4" X 1/8"
ALUMINUM
MULLION
(SEE SHEET
SD-4.18 FOR
DETAILS)

#14 SMS OR SELF DRILLING SCREWS
(GRADE 2)
(3) THREADS MIN. PENETRATION
BEYOND ALUMINUM TUBE
3/4" MIN. EDGE DISTANCE
@ 6" FROM CORNERS AND 15-1/2"
MAX. O.C.



1
DETAIL
SCALE: 1'-0" = 1'-0"



2
DETAIL
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

- G.C. TO VERIFY ALL M.O. DIMENSIONS
- FOR GENERAL NOTES REFER TO SHEET SD-0.0
- FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
- SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

"5100" ALUMINUM FIXED CASEMENT WINDOW SYST. (LMI)
"EL-150" ALUMINUM SINGLE FIXED WINDOW SYST. (LMI)



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ALAYON RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

CHECKED BY

PC

NO

DATE

07.11.2023

SCALE

AS SHOWN

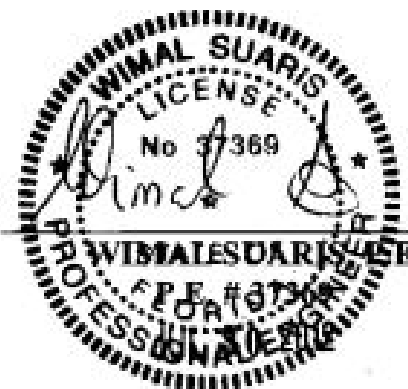
DRAWING TITLE

DETAILS

SHEET

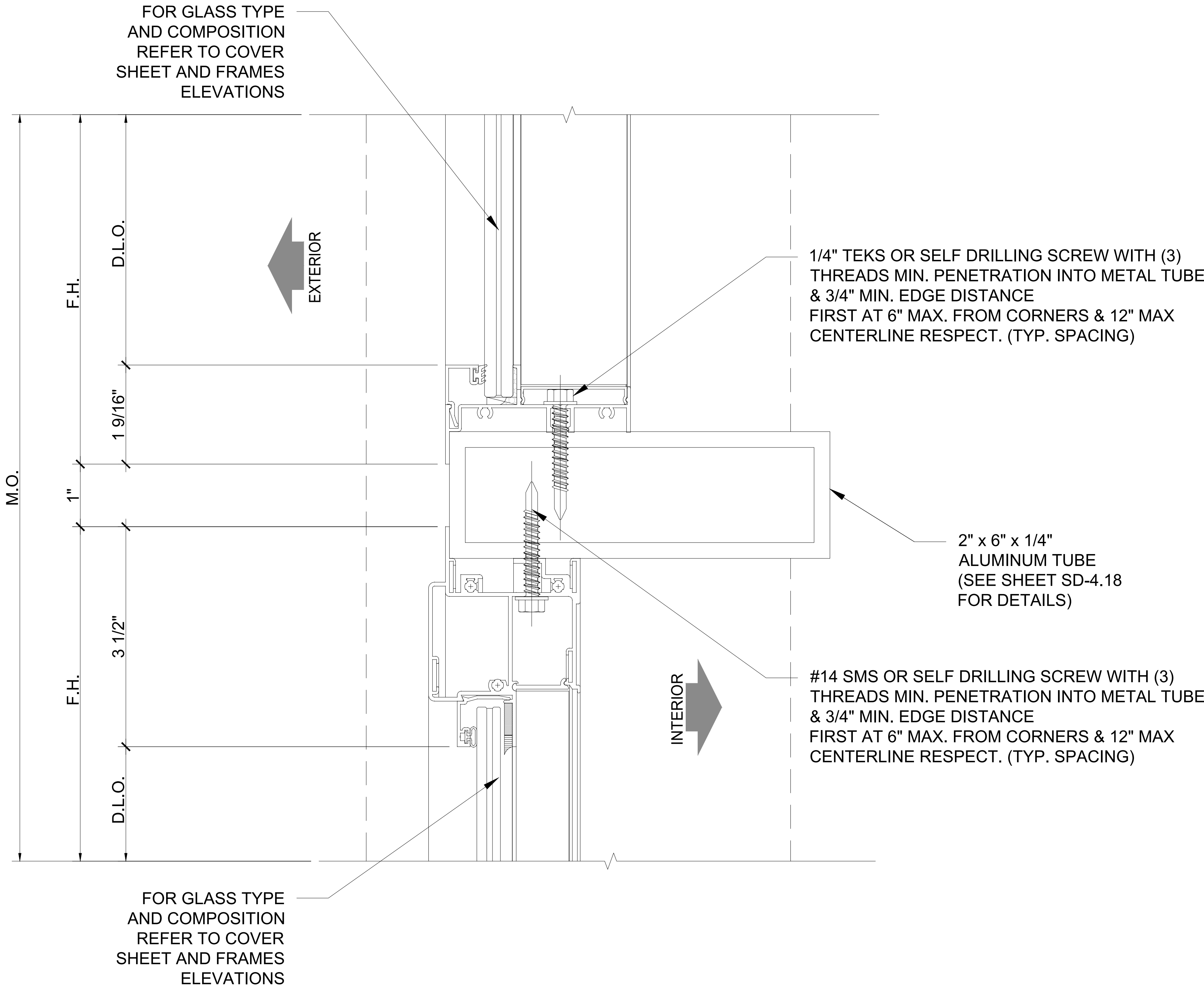
SD-4.5

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
ou=D.L.G. Engineering, Inc.,
email=wimal@dlg-engineering.com,
date=2024.07.11 13:15:59 -0500

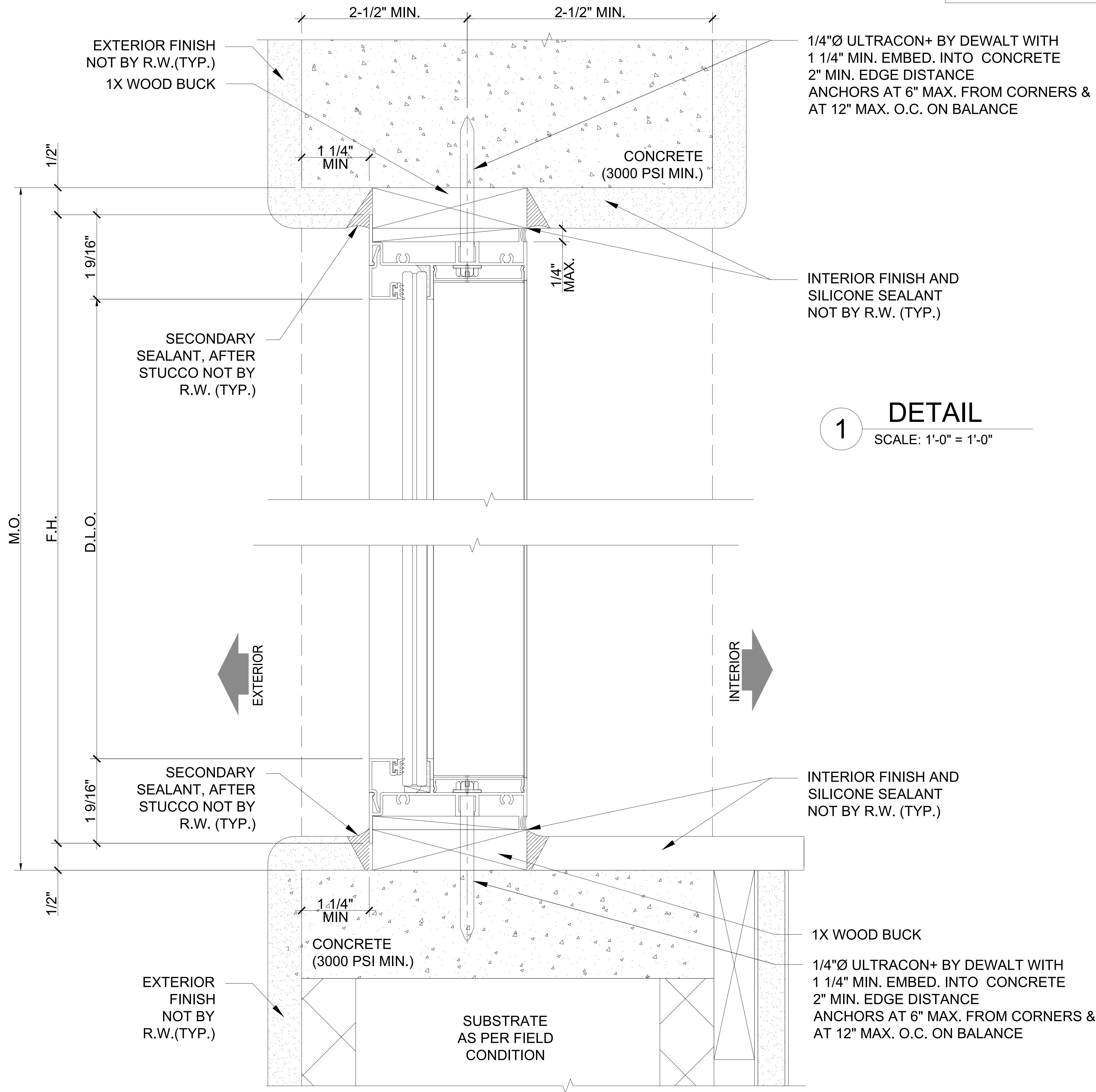


1 DETAIL
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

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- SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

"EL-150" ALUMINUM SINGLE FIXED WINDOW SYST. (LMI)



GENERAL NOTES:

1. G.C. TO VERIFY ALL M.O. DIMENSIONS
2. FOR GENERAL NOTES REFER TO SHEET SD-0.0
3. FOR ALL WINDOW/DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A.
4. SEAL SCREW PENETRATION AND APPLY SILICONE SEALANT OVER ALL EXPOSED SCREW HEADS AND SILLS ONLY (TYP)

1 DETAIL
SCALE: 1'-0" = 1'-0"

2 DETAIL
SCALE: 1'-0" = 1'-0"

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=CS
and G Engineering, Inc,
email=wimal@csengineering.com,
c=US, ou=CS and G Engineering, Inc

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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

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ALAYON RESIDENCE

ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156

ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

PROJECT No: 467560

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PC	NO
DATE	SCALE
07.11.2023	AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.6

"EL-150" ALUMINUM SINGLE FIXED WINDOW SYST. (LMI)



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ALAYON
RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

CHECKED BY

PC

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

DETAILS

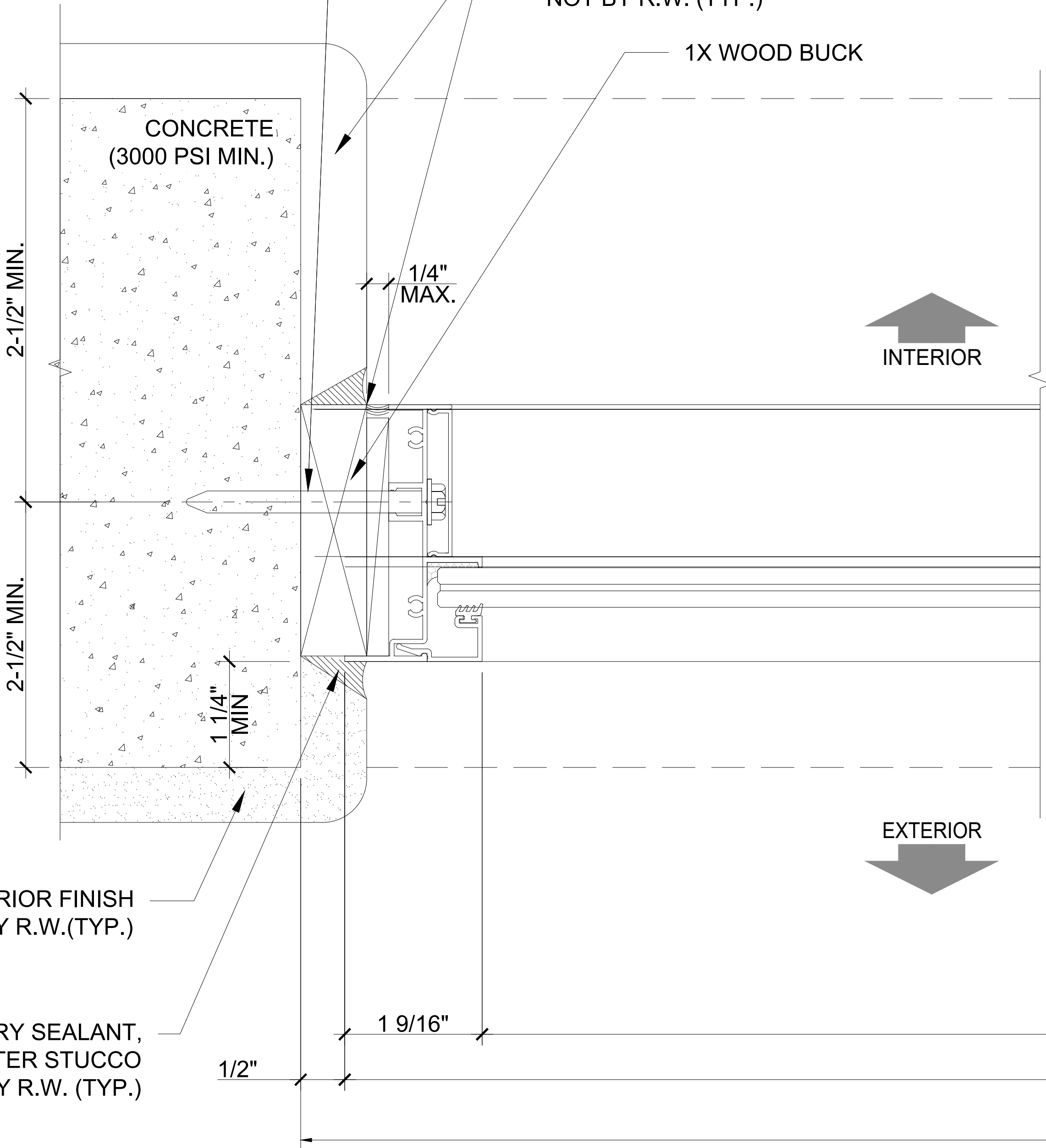
SHEET

SD-4.7

1/4"Ø ULTRACON+ BY DEWALT WITH
1 1/4" MIN. EMBED. INTO CONCRETE
2" MIN. EDGE DISTANCE
ANCHORS AT 6" MAX. FROM CORNERS &
AT 12" MAX. O.C. ON BALANCE

INTERIOR FINISH AND
SILICONE SEALANT
NOT BY R.W. (TYP.)

1X WOOD BUCK

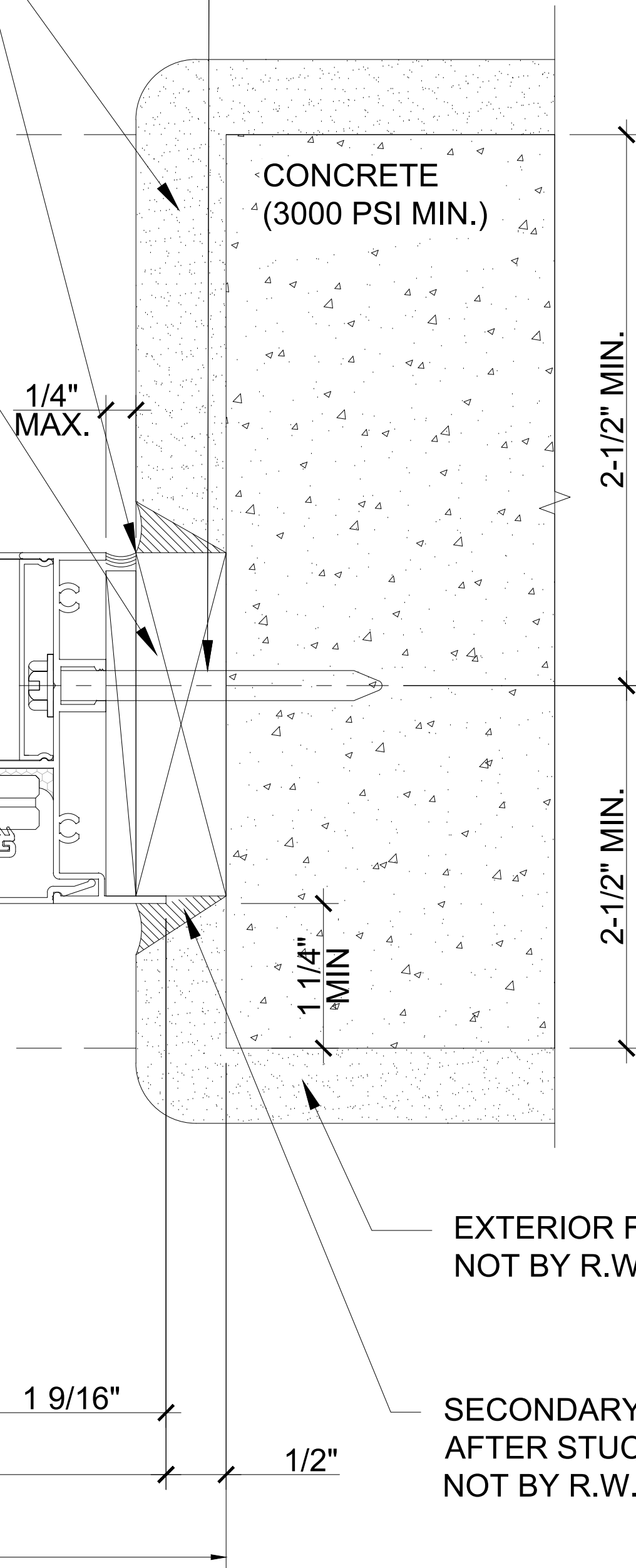


1
SCALE: 1'-0" = 1'-0"

INTERIOR FINISH AND
SILICONE SEALANT
NOT BY R.W. (TYP.)

1X WOOD BUCK

1/4"Ø ULTRACON+ BY DEWALT WITH
1 1/4" MIN. EMBED. INTO CONCRETE
2" MIN. EDGE DISTANCE
ANCHORS AT 6" MAX. FROM CORNERS &
AT 12" MAX. O.C. ON BALANCE



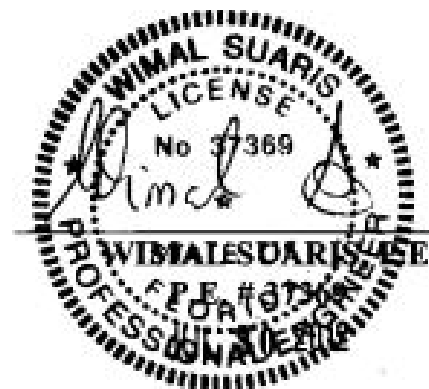
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GENERAL NOTES:

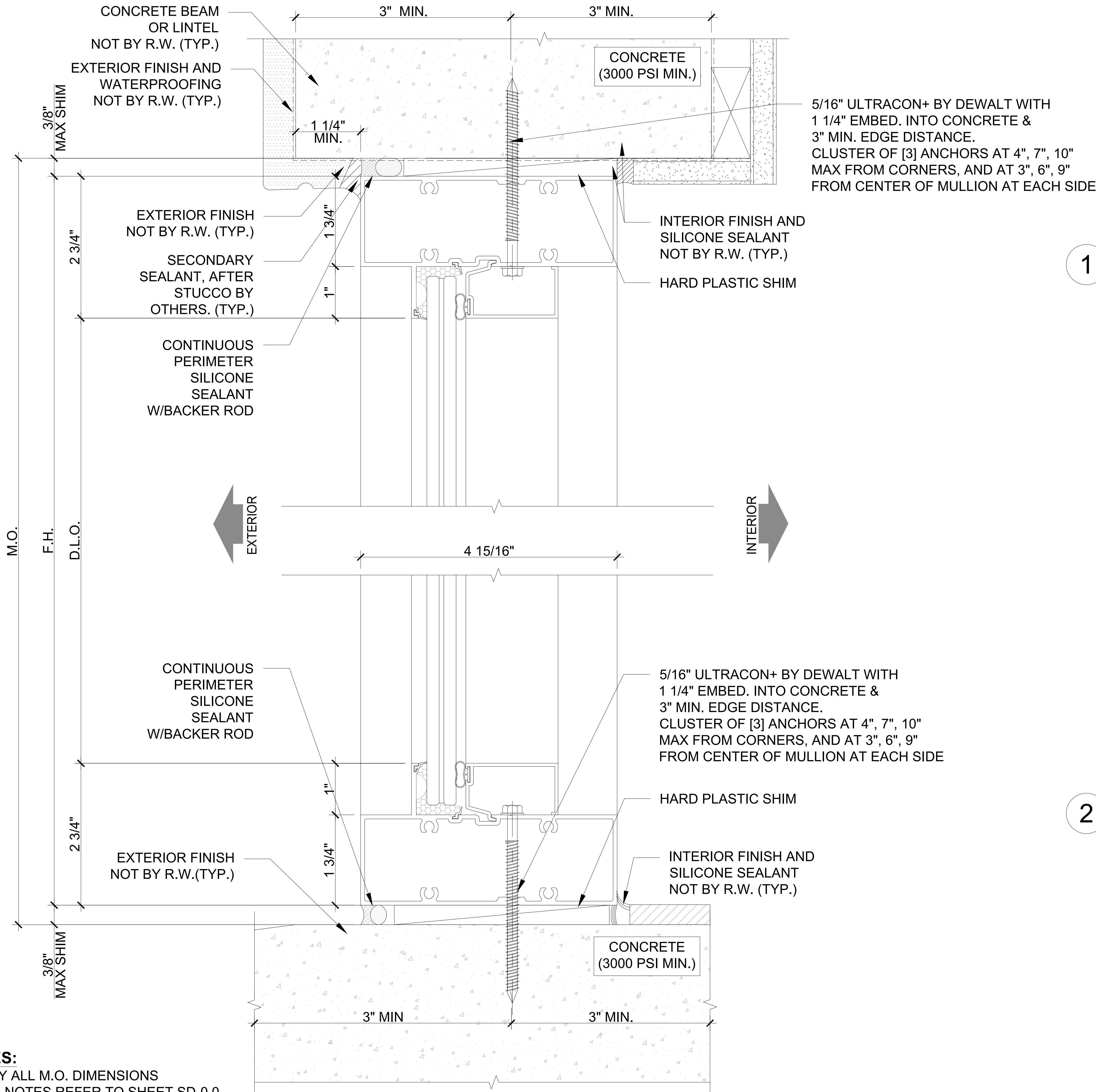
- G.C. TO VERIFY ALL M.O. DIMENSIONS
- FOR GENERAL NOTES REFER TO SHEET SD-0.0
- FOR ALL WINDOW/DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A.
- SEAL SCREW PENETRATION AND APPLY SILICONE SEALANT OVER ALL EXPOSED SCREW HEADS AND SILLS ONLY (TYP)

Wimal
Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
ou=JGL Engineering, Inc.,
email=wimal@jgl-engineering.com,
serial=202407111515231420707



WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476



GENERAL NOTES:

- G.C. TO VERIFY ALL M.O. DIMENSIONS
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- SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

"8000" ALUMINUM WINDOW WALL SYST. (LMI)



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ALAYON
RESIDENCE

ALAYON RESIDENCE
9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No: 467560

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DATE

07.11.2023

SCALE

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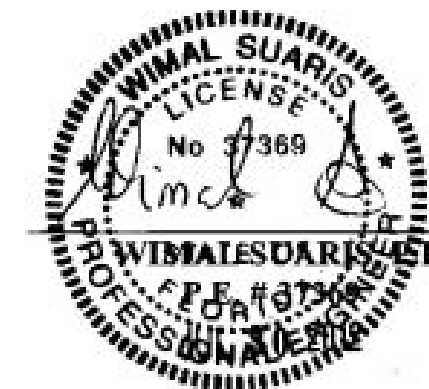
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DETAILS

SHEET

SD-4.8

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FLA. P.E. # 37369
CA # 28476

Wimal Suaris

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DN: cn=Wimal Suaris, o=D.L.G. Engineering, c=US
email=wimal@dlgengineering.com
Date: 2024.07.11 13:13:04 -0500



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE
LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156
ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

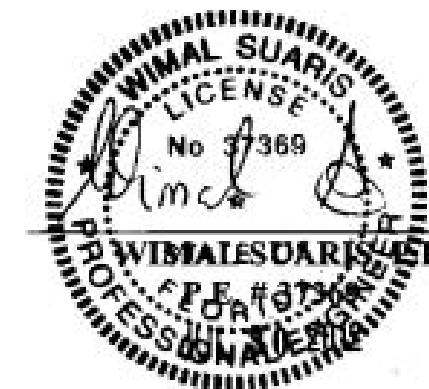
DATE

04/26/2024

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

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DATE

07.11.2023

SCALE

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DRAWING TITLE

DETAILS

SHEET

SD-4.9

GENERAL NOTES:

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- FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
- SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

1

DETAIL

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

2

DETAIL

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

3

DETAIL

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

Wimal Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=RDG Engineering, Inc., email=w.suaris@rdgengineering.com, Date: 2024.07.11 13:12:49 +10'00'

"8000" ALUMINUM WINDOW WALL SYST. (LMI)



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ALAYON
RESIDENCE

ALAYON RESIDENCE

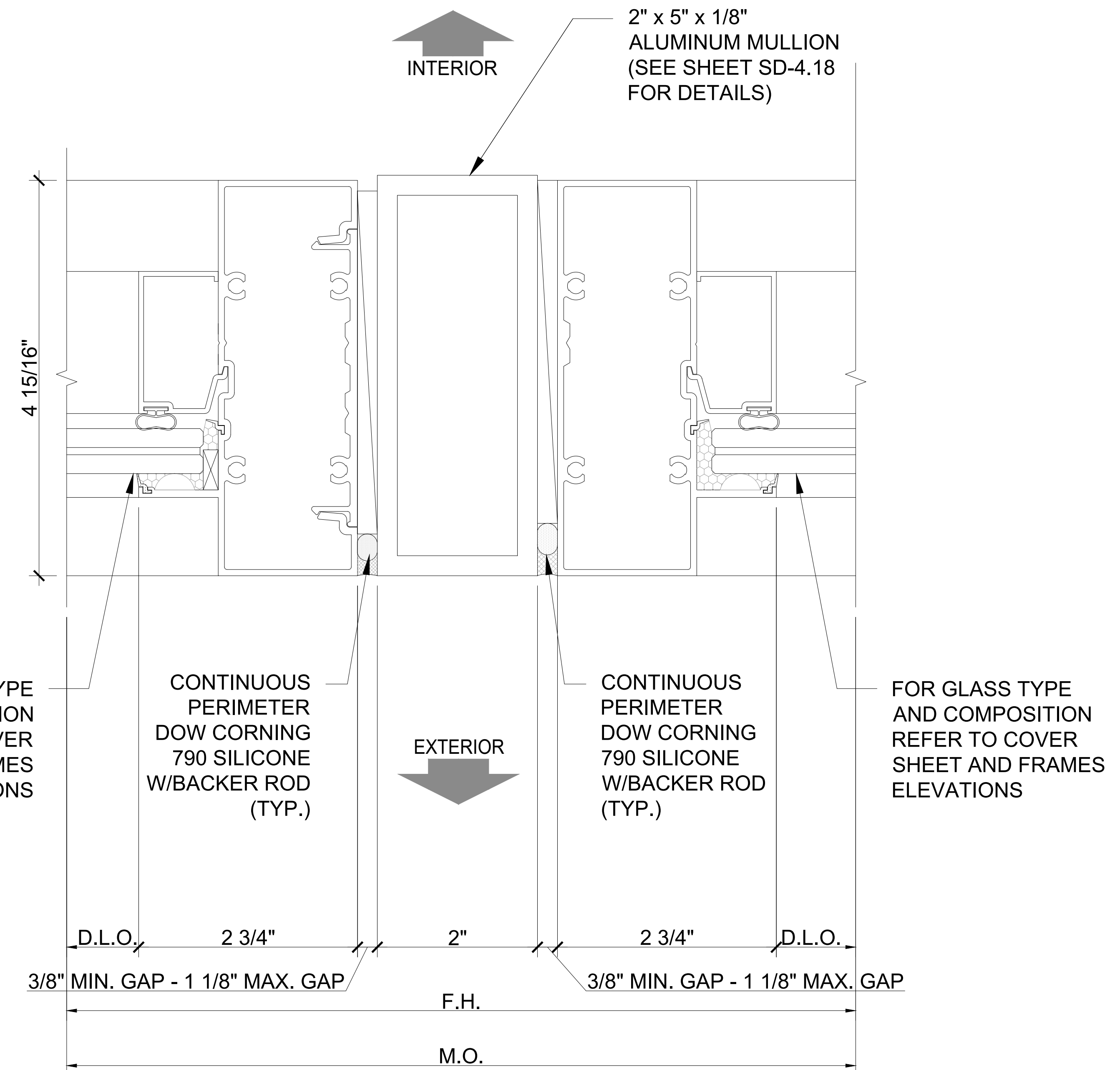
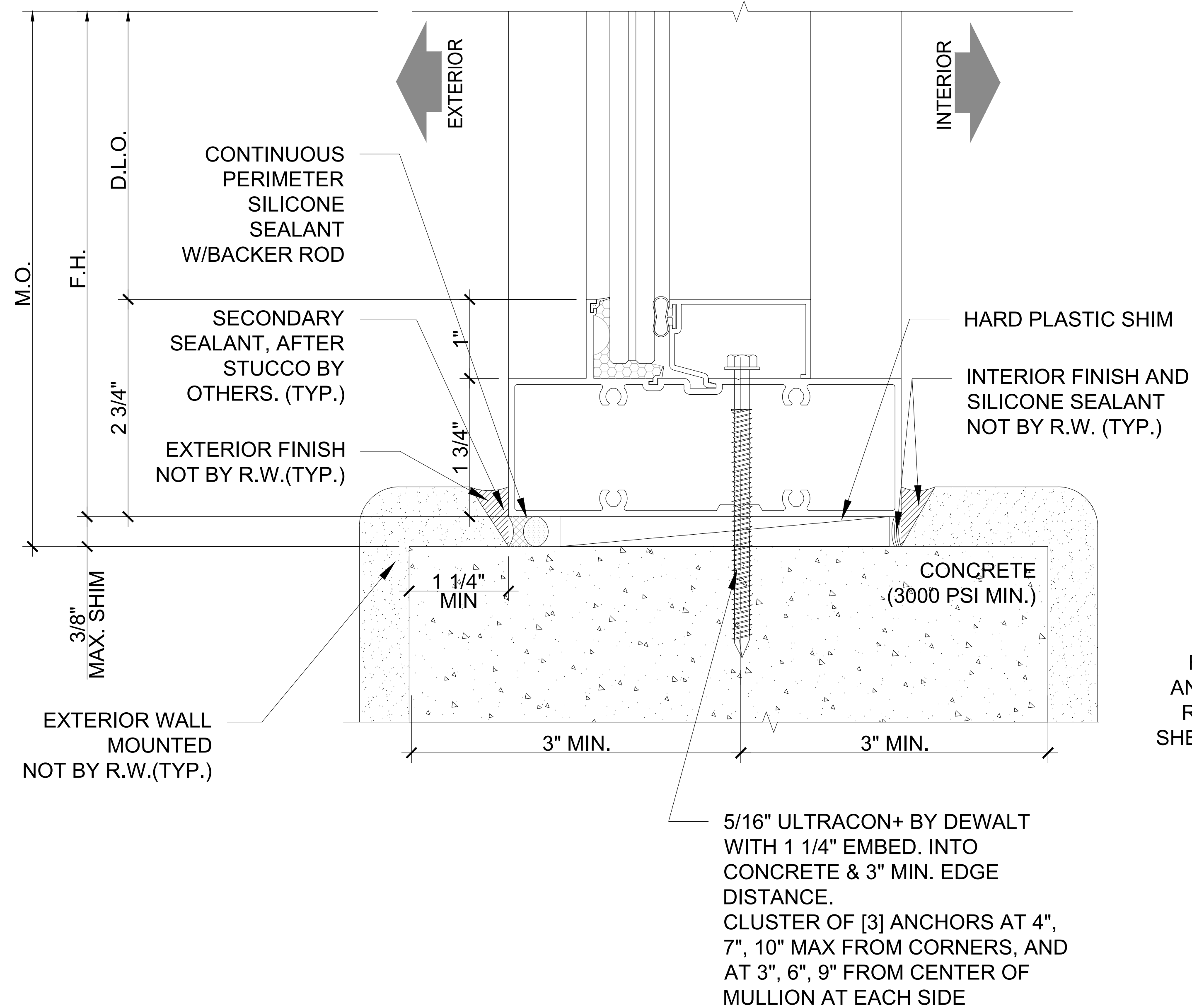
9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:



1 **DETAIL**
SCALE: 1'-0" = 1'-0"

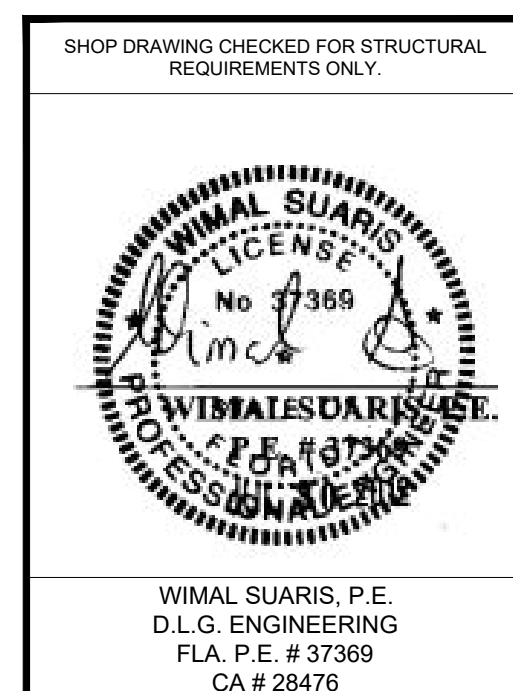
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

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2 **DETAIL**
SCALE: 1'-0" = 1'-0"

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



PROJECT No:	467560
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DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN

	DRAWING TITLE
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DETAILS

SHEET

SD-4.10

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=US,
ou=DIG Engineering, Inc,
email=wad@digengineering.com
Date: 2024.07.11 13:11:24 +0200

"8000" ALUMINUM WINDOW WALL SYST. (LMI)
CLIPPED, EXTRUDED ALUMINUM TUBE MULLION (L.M.I.)



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9875 SW 69TH COURT
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CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

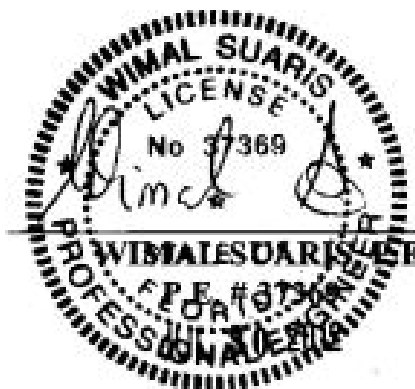
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DETAILS

SHEET

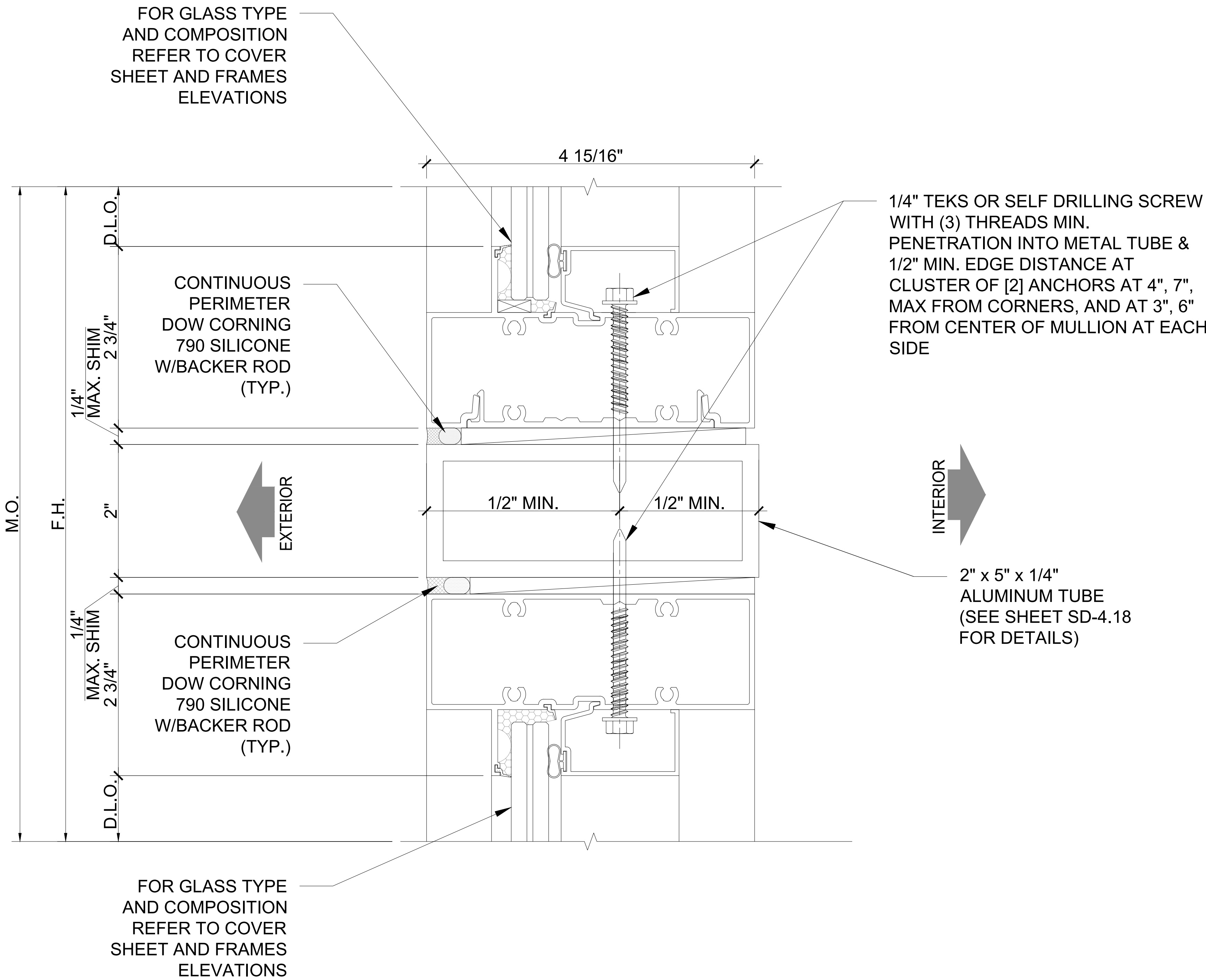
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WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=D.L.G. Engineering, Inc., email=wimal@dlgeengineering.com, c=US
Date: 2024.07.11 13:13:08 -0500



1 DETAIL
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

- G.C. TO VERIFY ALL M.O. DIMENSIONS
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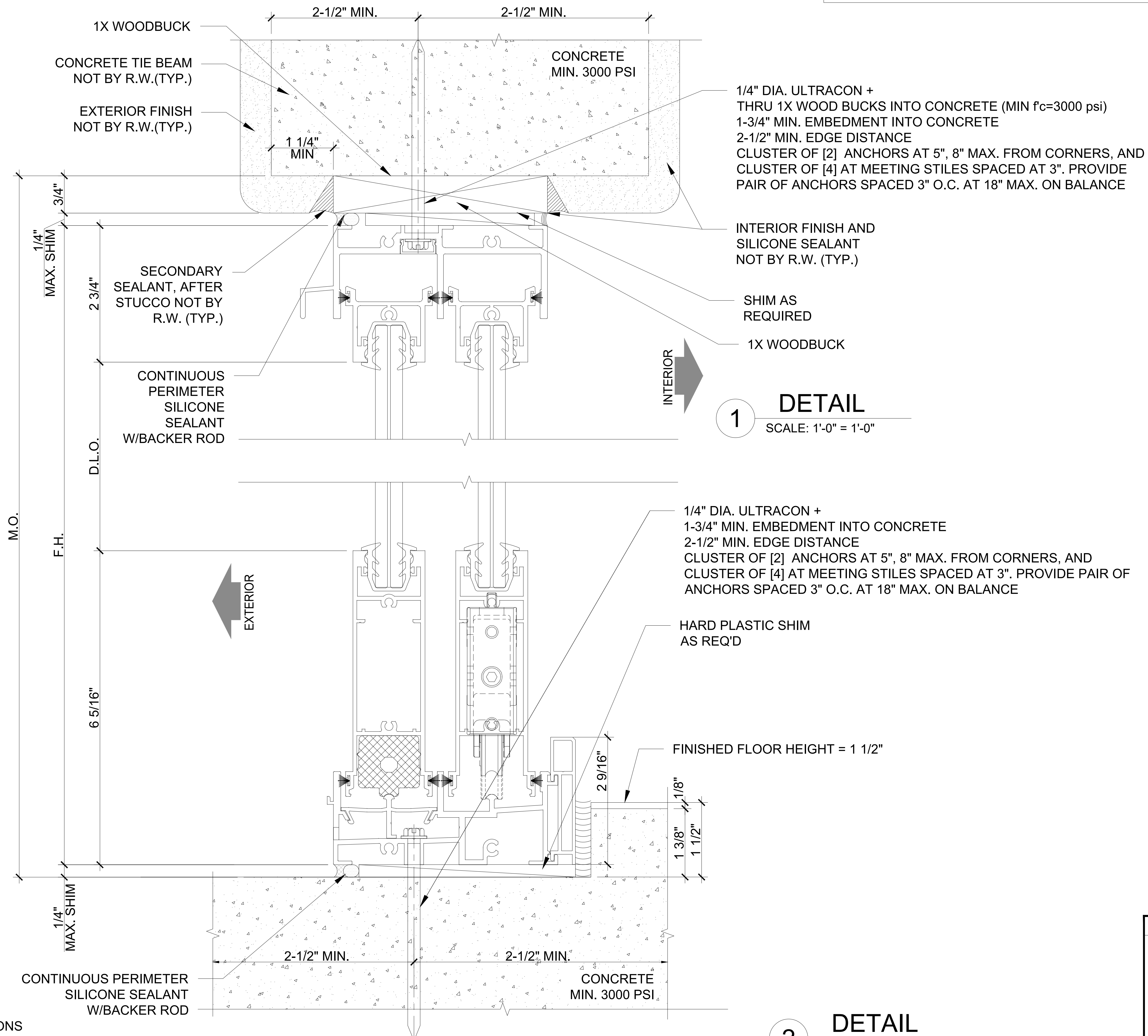
ARCHITECT:

PROJECT No:		467560	
DRAWN		CHECKED BY	
PC		NO	
DATE		SCALE	
07.11.2023		AS SHOWN	
DRAWING TITLE			
DETAILS			
SHEET		SD-4.12	



WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

c:\users\jgarcia\one drive - ready windows sales and service\documents - alan manzanilla's files\2023\residential\2023.06.15 - alayon residence.dwg\sd-4.0 details.dwg 7/10/2024 12:48 p.m.



GENERAL NOTES:

- G.C. TO VERIFY ALL M.O. DIMENSIONS
- FOR GENERAL NOTES REFER TO SHEET SD-0.0
- FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
- SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

2

DETAIL

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

"2020" ALUMINUM SLIDING GLASS DOOR SYST. (LMI) (2 TRACKS)



5901 N.W. 36th ST.
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ALAYON
RESIDENCE

ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

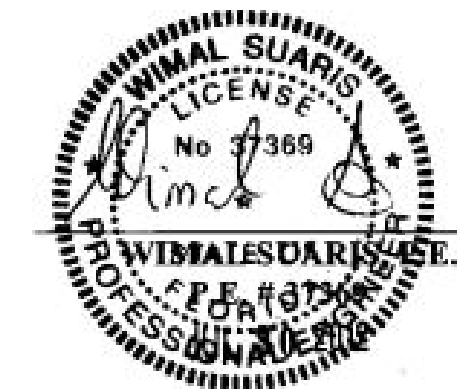
DRAWING TITLE

DETAILS

SHEET

SD-4.13

SHOP DRAWING CHECKED FOR STRUCTURAL REQUIREMENTS ONLY.



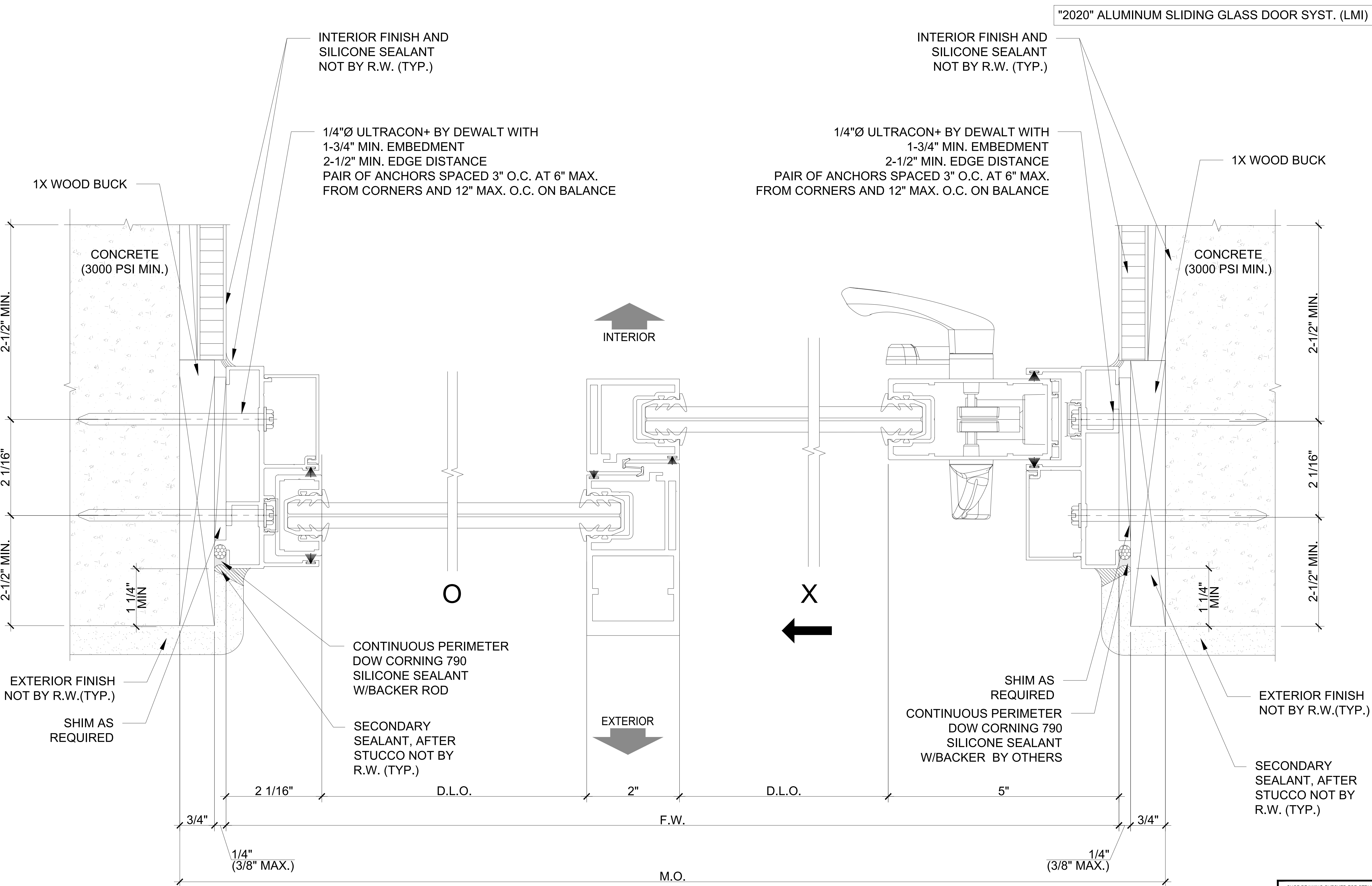
WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

Wimal
Suaris

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
ou=D.L.G. Engineering, Inc.,
email=ready@readywindow.com,
Date: 2024.07.11 13:39:42 -0500
CA # 28476

7/10/2024 12:48 p.m.

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GENERAL NOTES:

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ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

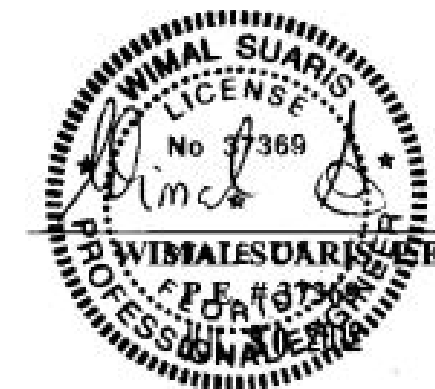
DATE

04/26/2024

REV

1

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

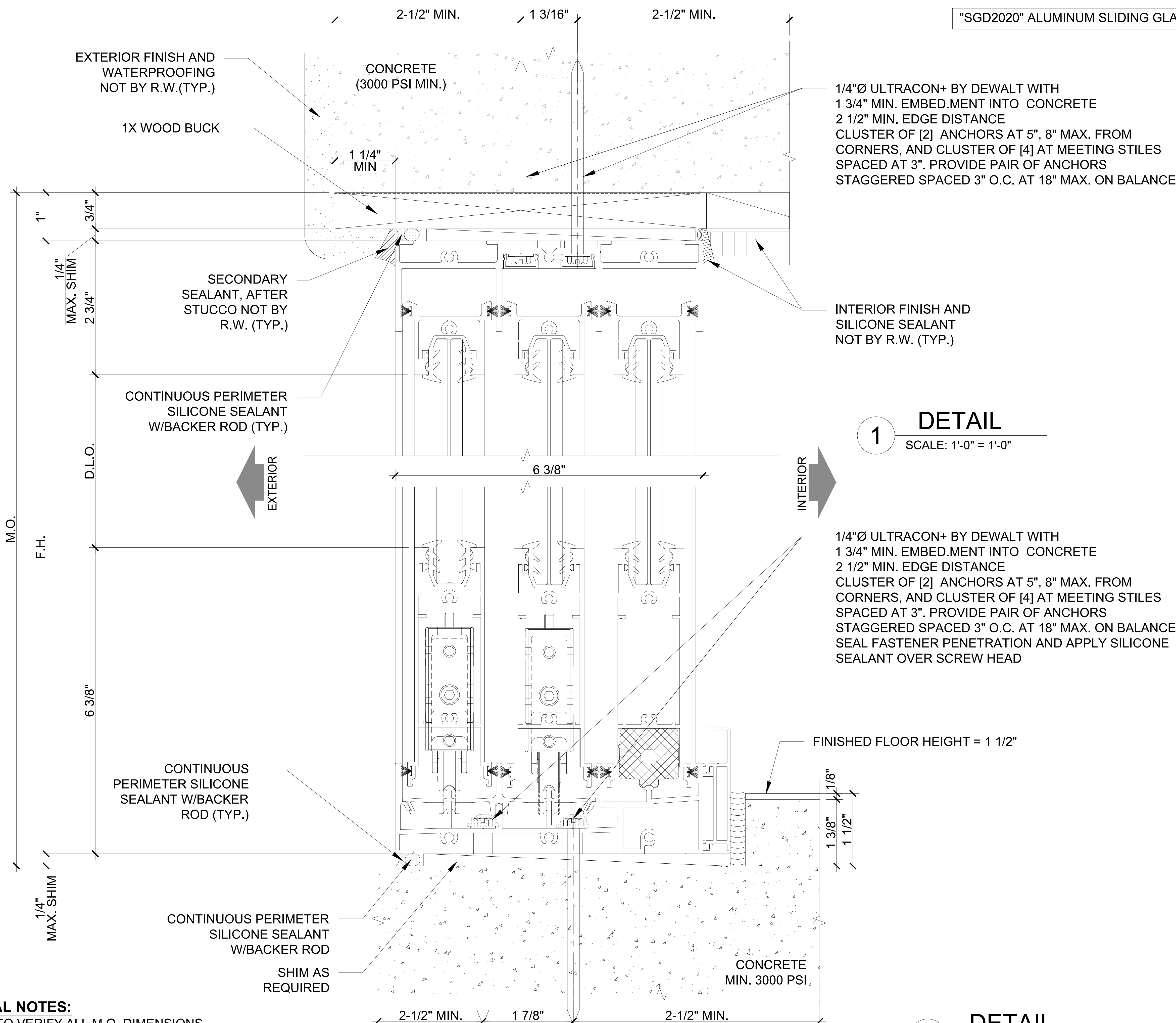
AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.14



GENERAL NOTES:

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"SGD2020" ALUMINUM SLIDING GLASS DOOR SYST. (LMI) (3 TRACKS)

1 DETAIL
SCALE: 1'-0" = 1'-0"

2 DETAIL
SCALE: 1'-0" = 1'-0"



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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE

LOCATION: 9875 SW 69TH COURT
PINECRESTS, FL 33156
ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

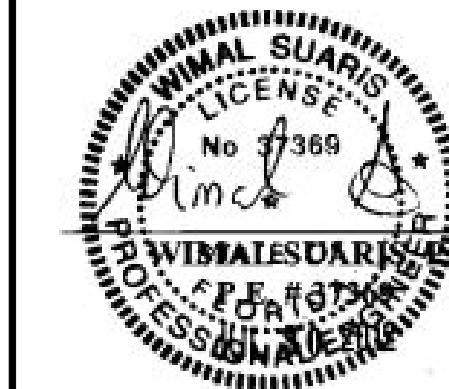
DATE

04/26/2024

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1

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PROJECT No:

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SHEET

SD-4.15

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"SGD2020" ALUMINUM SLIDING GLASS DOOR SYST. (LMI) (3 TRACKS)



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ALAYON
RESIDENCE

ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

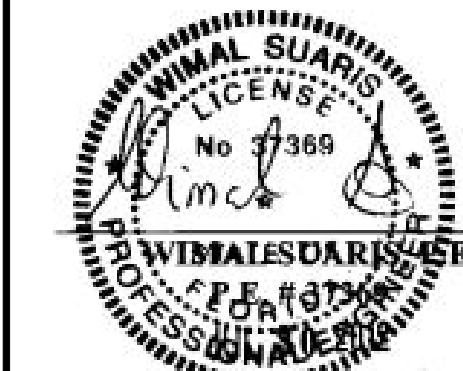
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1

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CA # 28476

PROJECT No:

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PC

NO

DATE

SCALE

07.11.2023

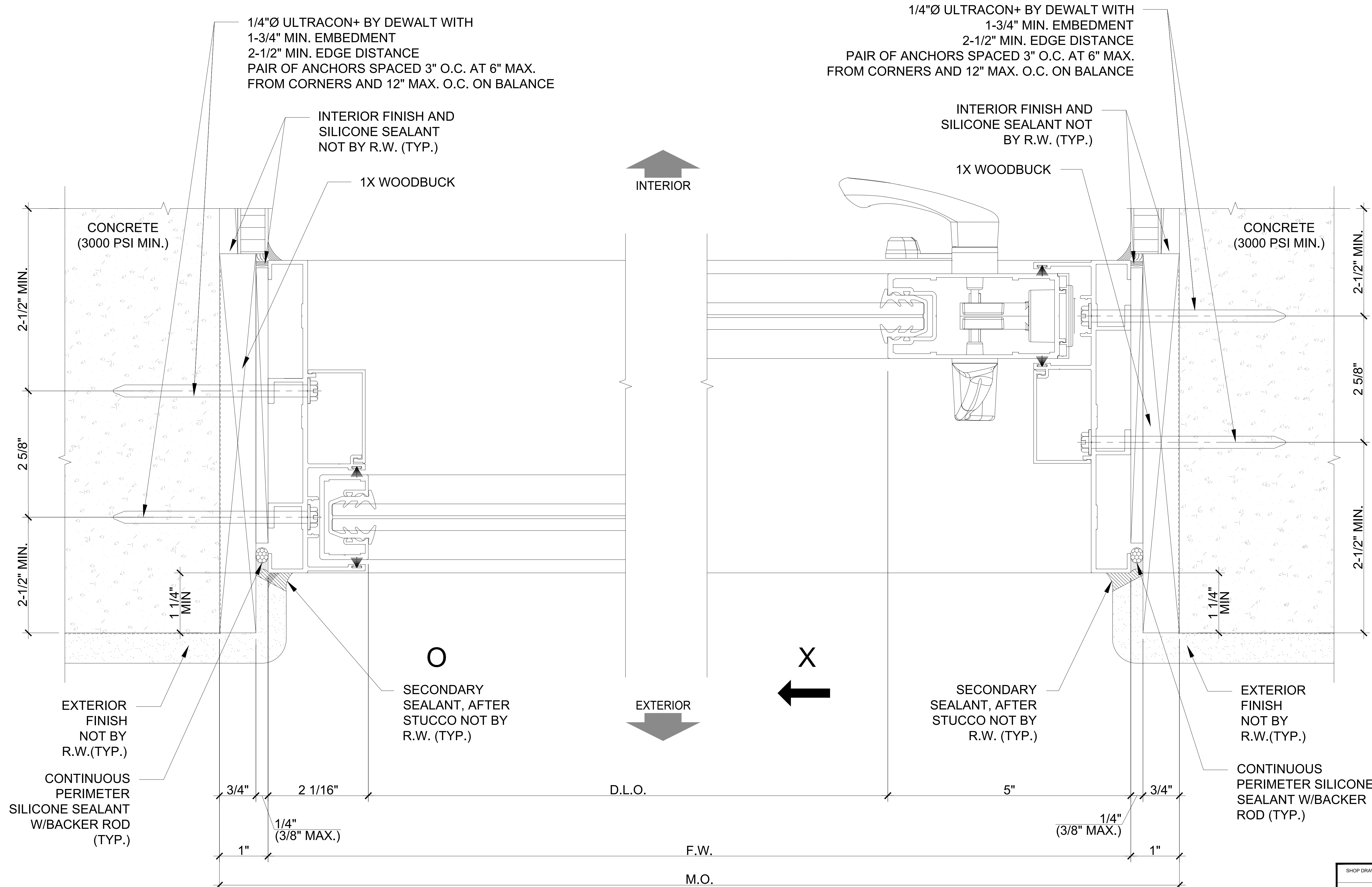
AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.16



1 DETAIL
SCALE: 1'-0" = 1'-0"

2 DETAIL
SCALE: 1'-0" = 1'-0"

"SGD2020" ALUMINUM SLIDING GLASS DOOR SYST. (LMI)



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RESIDENCE

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9875 SW 69TH COURT
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CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:
LOCATION:
ARCHITECT:

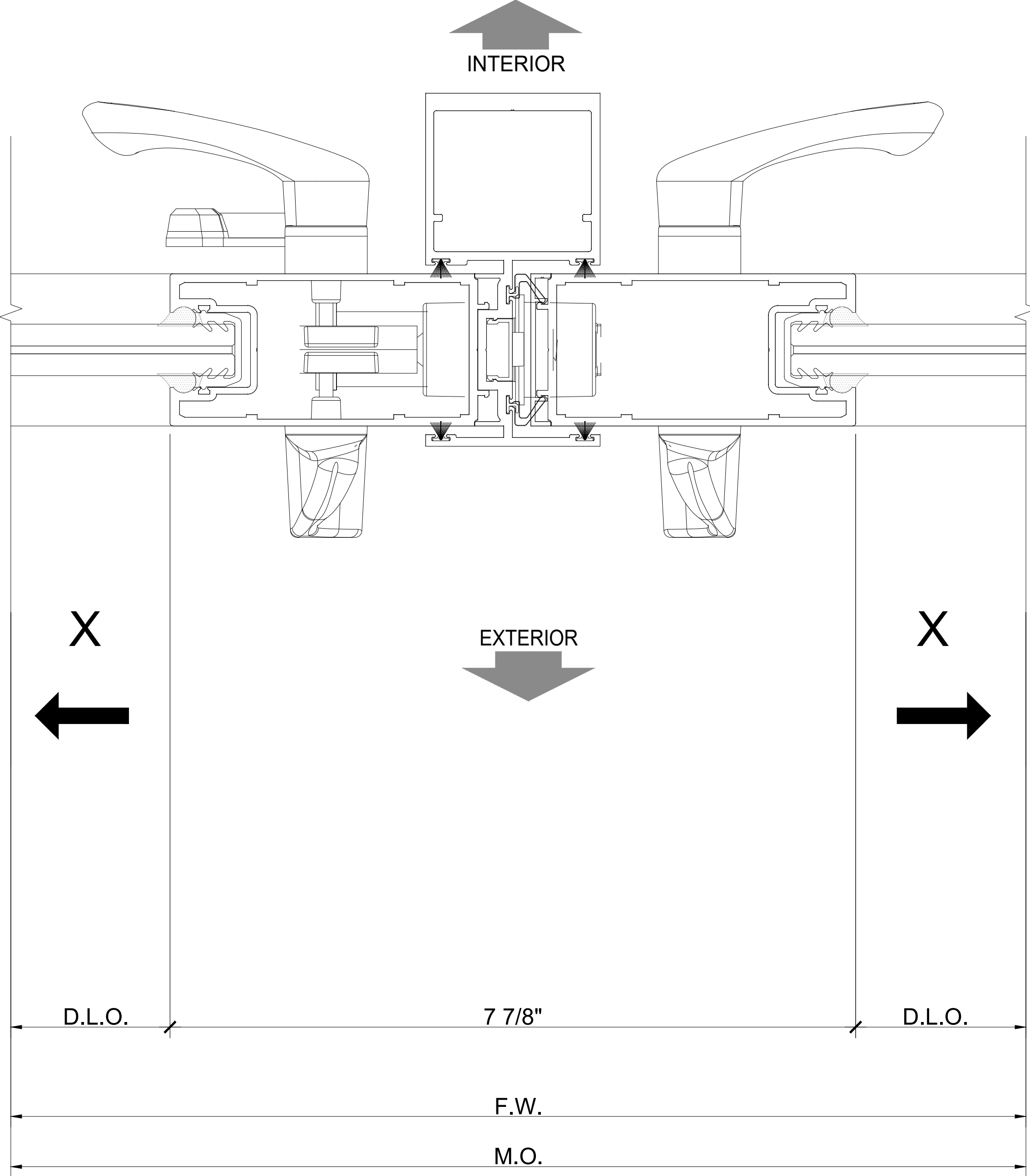
REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=CA
e=wimal@wimalestimates.com
Date: 2024.07.11 13:09:27 +02'00'

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CA # 28476

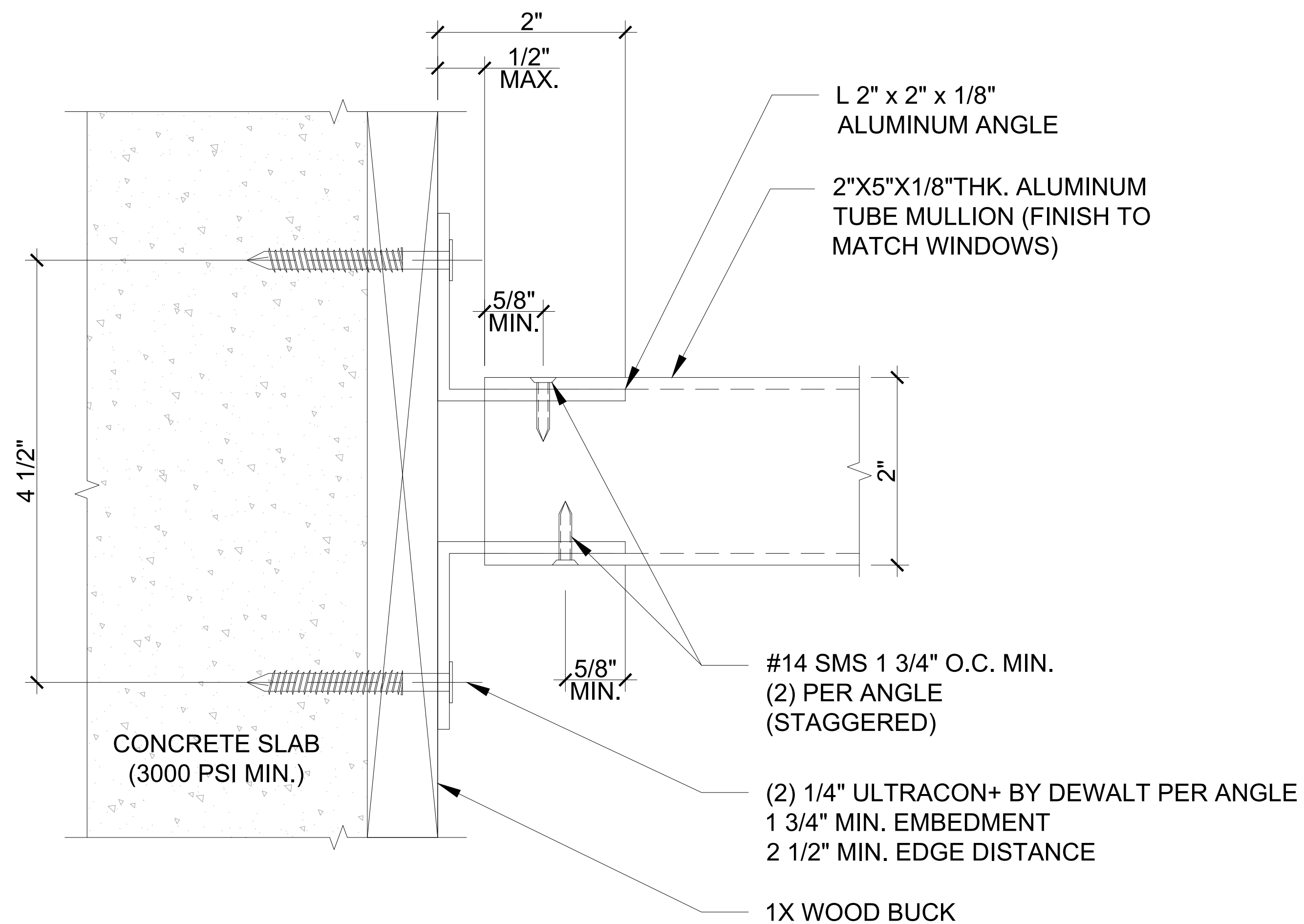
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DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN
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SHEET SD-4.17	



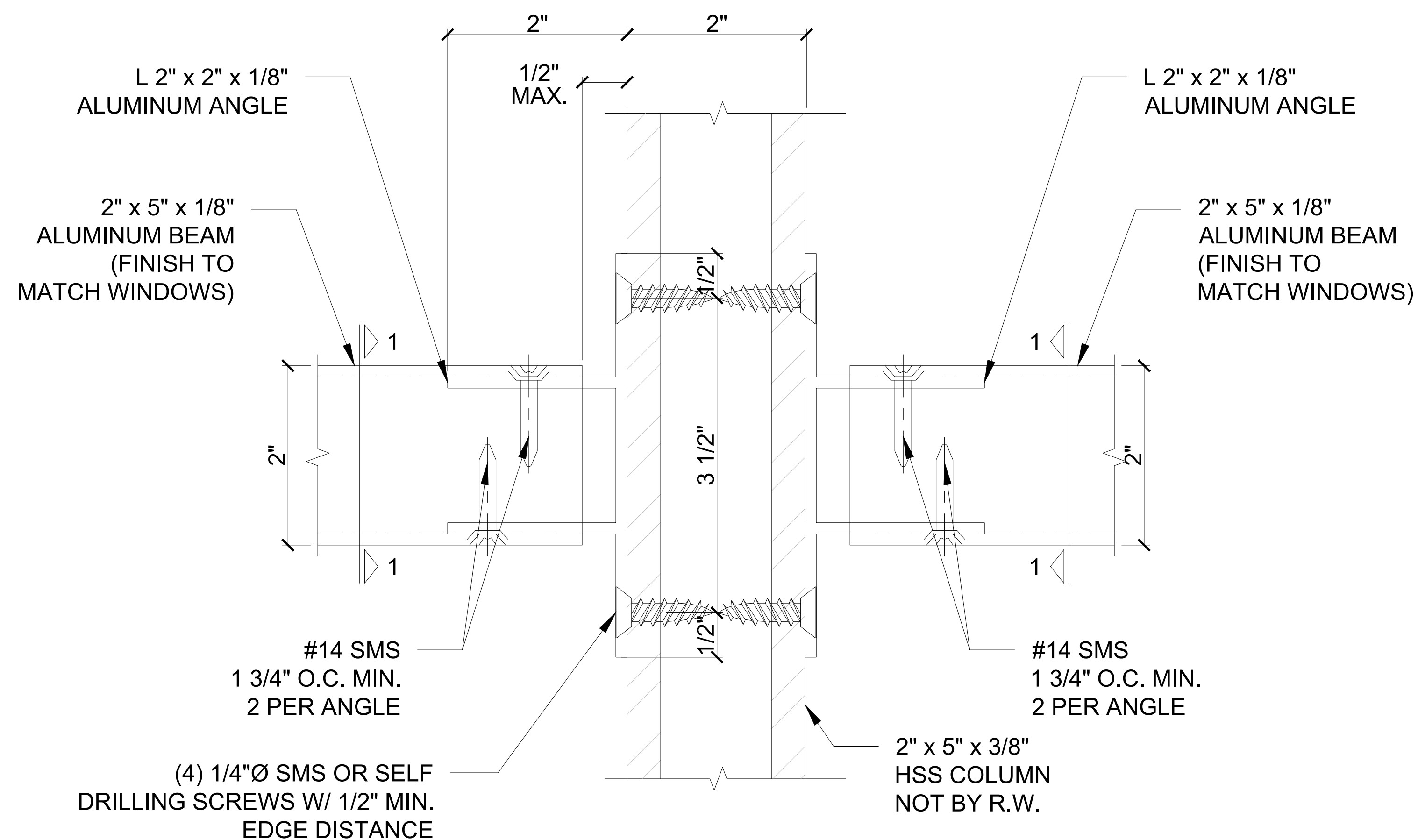
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GENERAL NOTES:

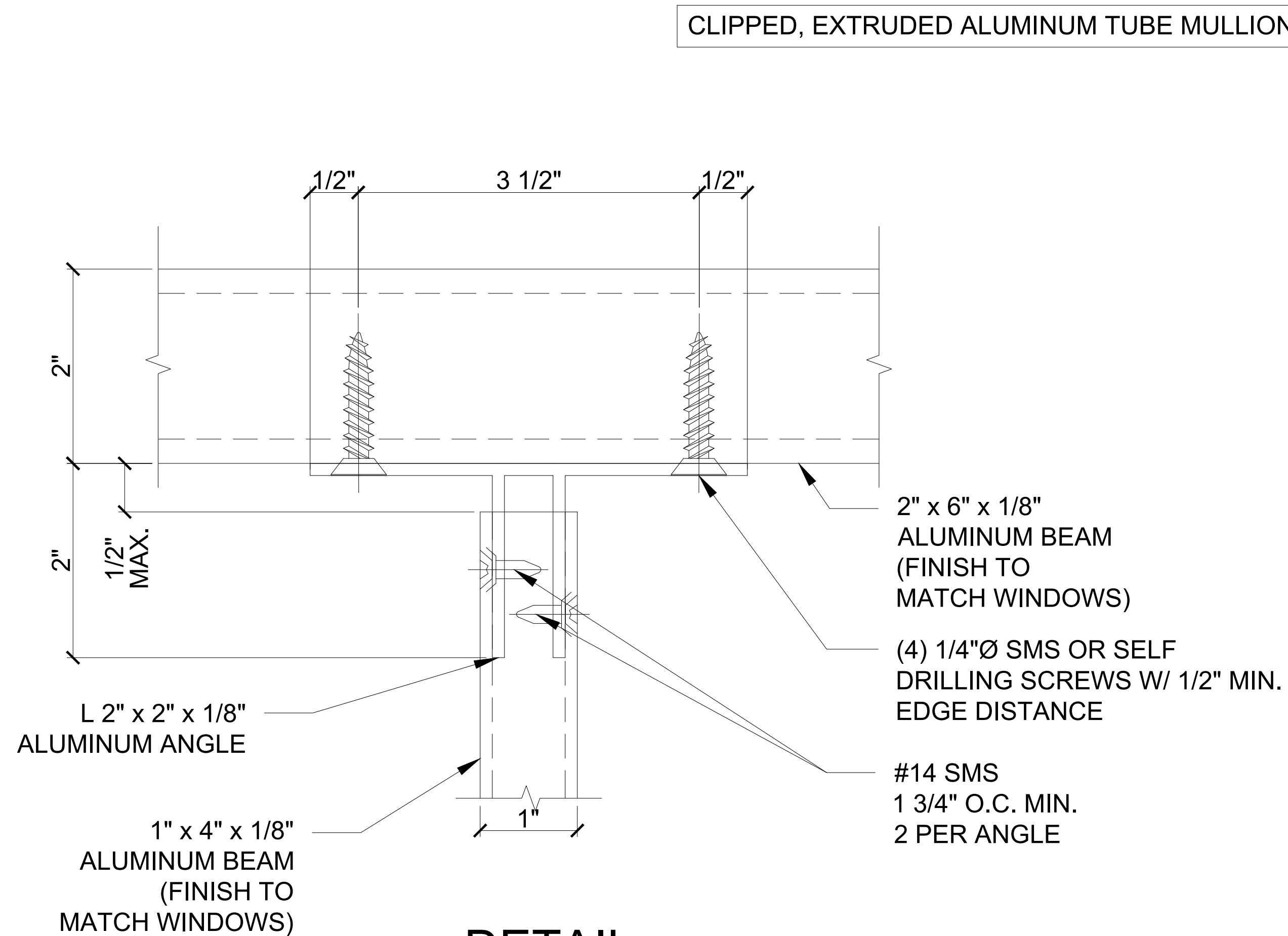
- G.C. TO VERIFY ALL M.O. DIMENSIONS
- FOR GENERAL NOTES REFER TO SHEET SD-0.0
- FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
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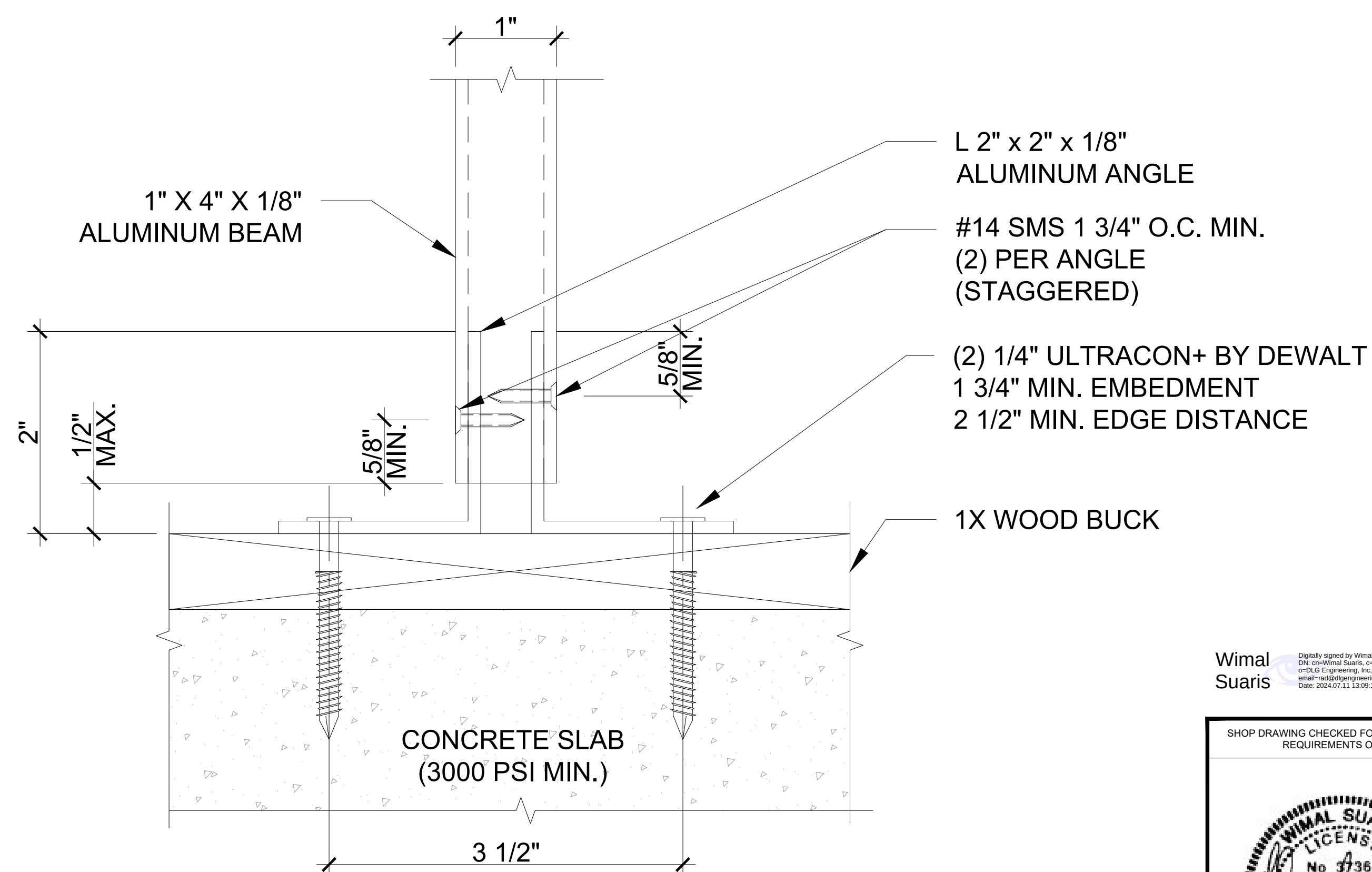
1 **DETAIL**
SCALE: 1'-0" = 1'-0"



3 **DETAIL**
SCALE: 1'-0" = 1'-0"



2 **DETAIL**
SCALE: 1'-0" = 1'-0"



4 **DETAIL**
SCALE: 1'-0" = 1'-0"

CLIPPED, EXTRUDED ALUMINUM TUBE MULLION - L.M.I.



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ALAYON RESIDENCE

ALAYON RESIDENCE

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PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

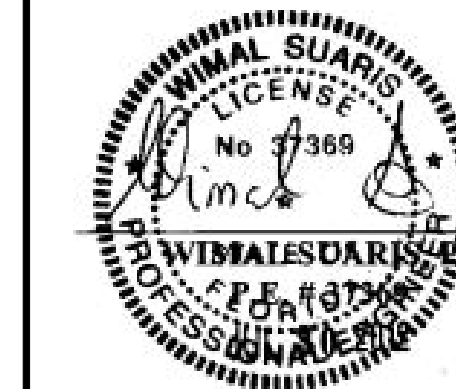
LOCATION:

ARCHITECT:

[illegible]

Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, c=US,
ou=DIG Engineering, Inc,
email=sad@digengineering.com
Date: 2024.07.31 13:09:10.40Z

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o=DIG Engineering, Inc,
email=sad@digengineering.com
Date: 2024.07.11 13:09:10, +02'



WIMAL SUARIS, P.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

DRAWN PC	CHECKED BY NO
DATE 07.11.2023	SCALE AS SHOWN

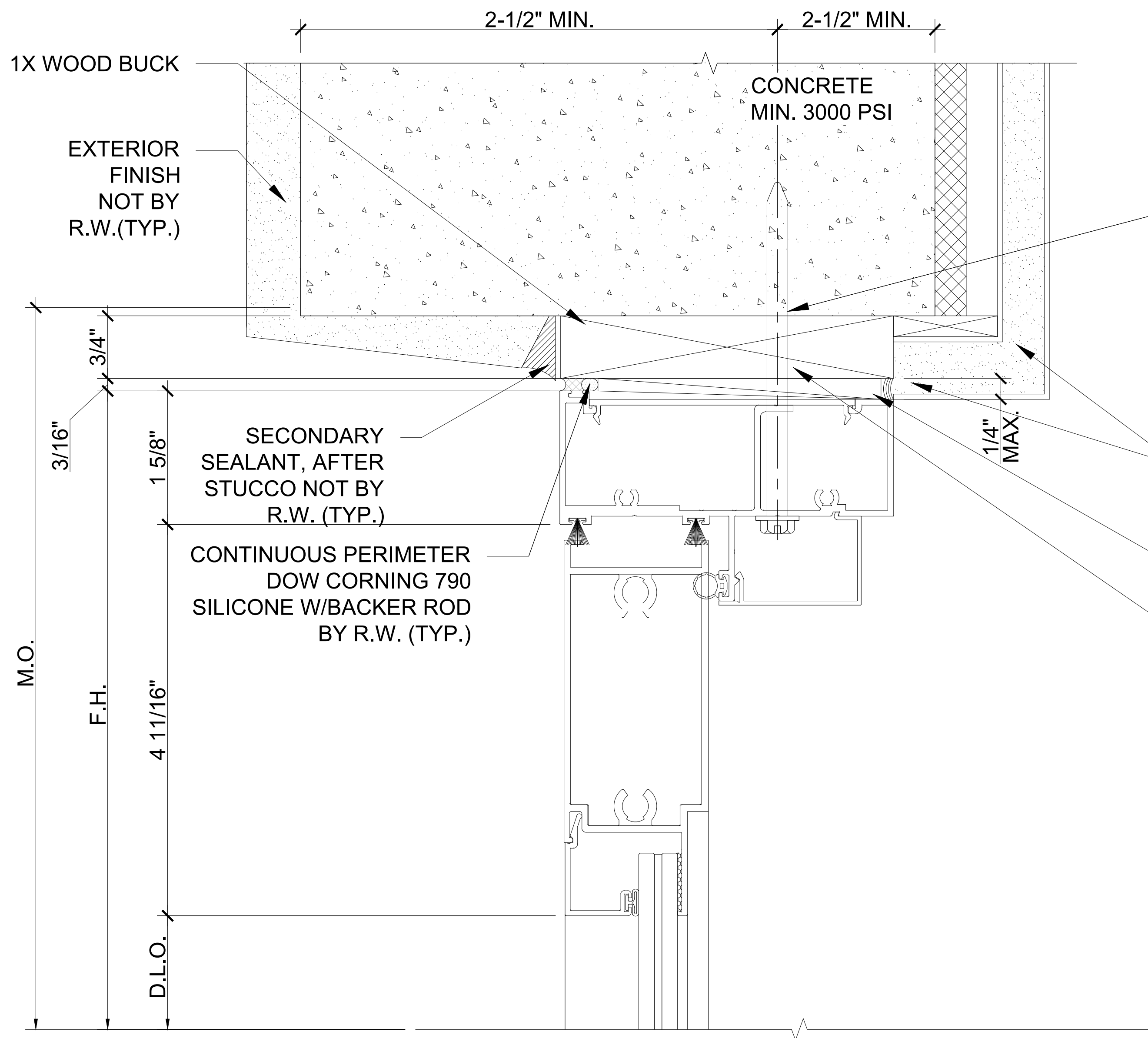
DETAILS

SHEET

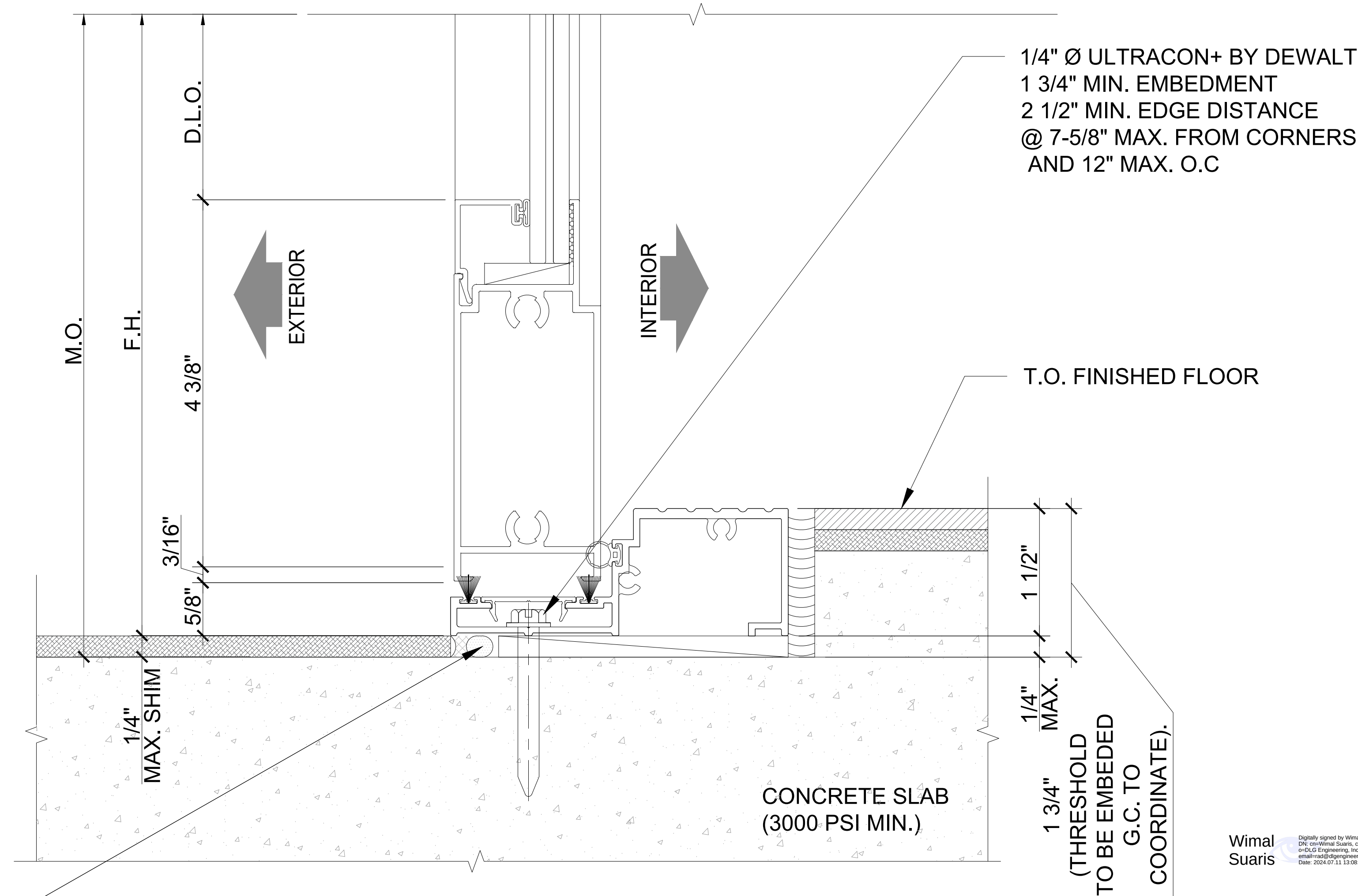
SD-4.18

7/10/2024 12:48 p.m.

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1 **DETAIL**
SCALE: 1'-0" = 1'-0"



CONTINUOUS PERIMETER
DOW CORNING 790
SILICONE W/BACKER ROD
BY R.W. (TYP.)

2 **DETAIL**
SCALE: 1'-0" = 1'-0"

GENERAL NOTES:

1. G.C. TO VERIFY ALL M.O. DIMENSIONS
2. FOR GENERAL NOTES REFER TO SHEET SD-0.0
3. FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
4. SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS AT SILLS ONLY (TYP)

"EL-300" ALUMINUM OUTSWING DOOR (LMI)



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**ALAYON
RESIDENCE**

PROJECT NAME:
ALAYON RESIDENCE

LOCATION:
9875 SW 69TH COURT
PINECRESTS, FL 33156
ARCHITECT:
CATILLO ARCHITECTURE & PLANNING LLC,
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

DESCRIPTION
CITY COMMENTS

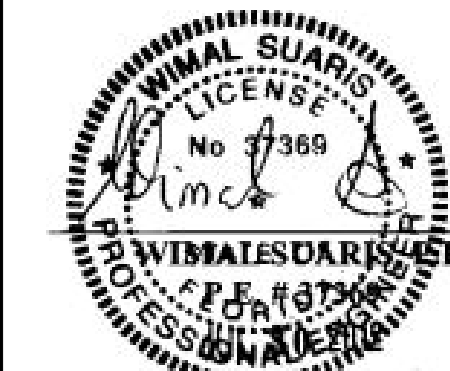
BY
PC

DATE
04/26/2024

REV
1

Wimal
Suaris

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D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No:

467560

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PC

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NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.19

"EL-300" ALUMINUM OUTSWING DOOR (LMI)



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ALAYON RESIDENCE

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PINECRESTS, FL 33156
CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

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PC

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NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.20

1/4" Ø ULTRACON+ BY DEWALT
1 3/4" MIN. EMBEDMENT INTO CONCRETE
2 1/2" MIN. EDGE DISTANCE
@ 6" MAX. FROM CORNERS AND 12" MAX.
O.C

1X WOOD BUCK

INTERIOR FINISH
NOT BY R.W. (TYP.)

HARD PLASTIC SHIM
AS REQ'D

1/4"
MAX.

CONCRETE
MIN. 3000 PSI

2-1/2" MIN.

2-1/2" MIN.

EXTERIOR
FINISH
NOT BY
R.W.(TYP.)

SECONDARY
SEALANT, AFTER
STUCCO NOT BY
R.W. (TYP.)

CONTINUOUS PERIMETER
DOW CORNING 790
SILICONE W/BACKER ROD
BY R.W. (TYP.)

6 3/4"

7/8"



INTERIOR



EXTERIOR

D.L.O.

F.W.

M.O.

INTERIOR FINISH
NOT BY R.W. (TYP.)

HARD PLASTIC SHIM
AS REQ'D

1/4"
MAX.

CONCRETE
MIN. 3000 PSI

2-1/2" MIN.

2-1/2" MIN.

EXTERIOR
FINISH
NOT BY
R.W.(TYP.)

SECONDARY
SEALANT, AFTER
STUCCO NOT BY
R.W. (TYP.)

CONTINUOUS PERIMETER
DOW CORNING 790
SILICONE W/BACKER ROD
BY R.W. (TYP.)

6 7/8"

7/8"

DETAIL

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

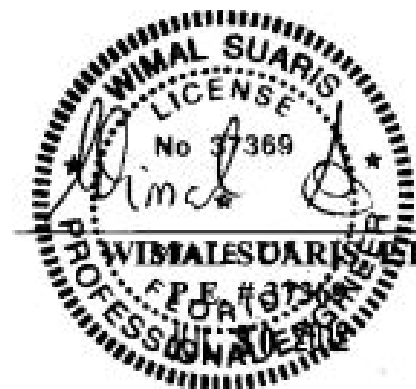
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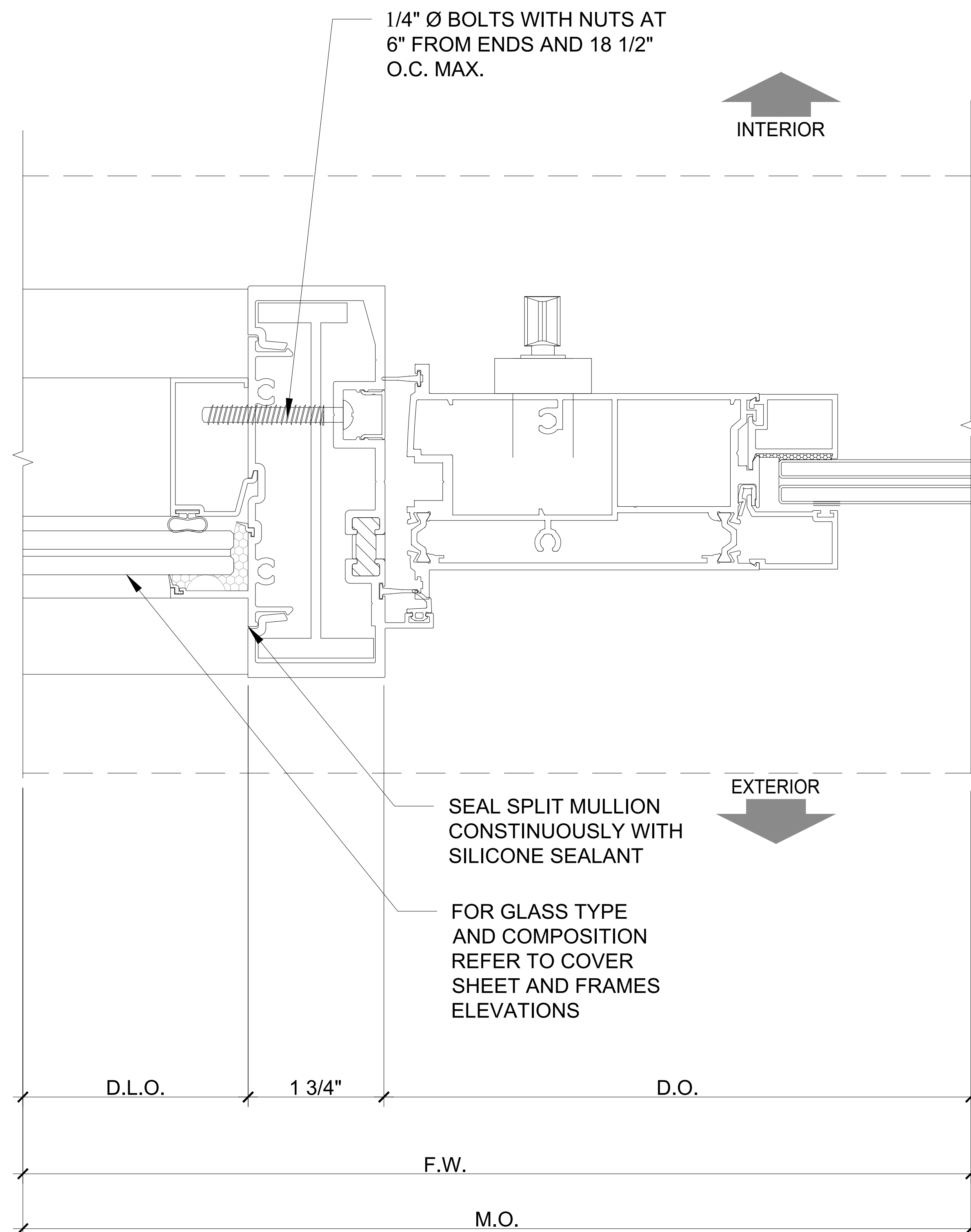
GENERAL NOTES:

- G.C. TO VERIFY ALL M.O. DIMENSIONS
- FOR GENERAL NOTES REFER TO SHEET SD-0.0
- FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A
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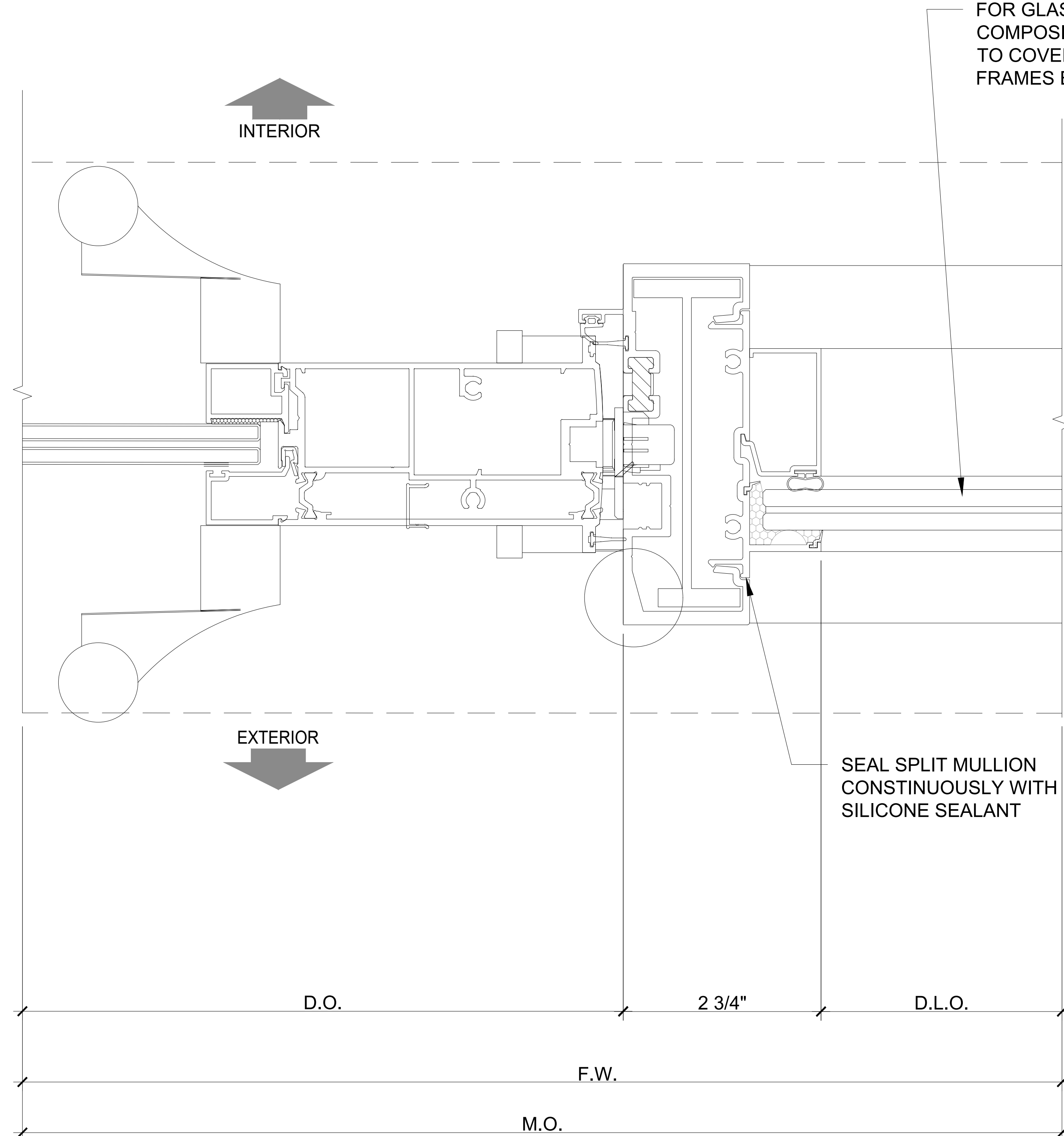
Wimal Suaris
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476



Wimal Suaris, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476



1 **DETAIL**
SCALE: 1'-0" = 1'-0"



2 DETAIL

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

"8000" ALUMINUM WINDOW WALL SYST. (LMI)
"ES-PSD5030T" PIVOT DOOR (LMI)

FOR GLASS TYPE AND
COMPOSITION REFER
TO COVER SHEET AND
FRAMES ELEVATIONS

1/4" Ø BOLTS WITH NUTS AT
6" FROM ENDS AND 18 1/2"
O.C. MAX.

SEAL SPLIT MULLION CONSTINUOUSLY WITH SILICONE SEALANT

FOR GLASS TYPE
AND COMPOSITION
REFER TO COVER
SHEET AND FRAMES
ELEVATIONS

SEAL SPLIT MULLION
CONSTINUOUSLY WITH
SILICONE SEALANT



Ready
WINDOW

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MIAMI, FL 33166
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F: 305.260.5114
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ALAYON RESIDENCE

ALAYON RESIDENCE

9875 SW 69TH COURT
PINECRESTS, FL 33156

CATILLO ARCHITECTURE & PLANNING LLC.
6356 MANOR LANE, SUITE 105
SOUTH MIAMI, FL 33143

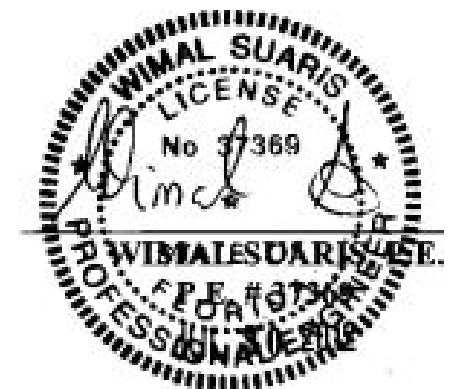
PROJECT NAME:

LOCATION:

ARCHITECT:

REV	DATE	BY	DESCRIPTION
1	04/26/2024	PC	CITY COMMENTS

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DN: cn=Wimal Suaris, c=US,
o=DIG Engineering, Inc,
email=wsd@digengineering.com
Date: 2004.07.11 12:50:34 +0200



WIMAL SUARIS, P.E.
D.L.G. ENGINEERING
FLA. P.E. # 37369
CA # 28476

PROJECT No: 467560

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PC	NO

DATE	SCALE
07.11.2023	AS SHOWN

DRAWING TITLE	

DETAILS

SD-4.21

CONTINUOUS PERIMETER DOW CORNING 790 SILICONE W/BACKER ROD (TYP.)

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

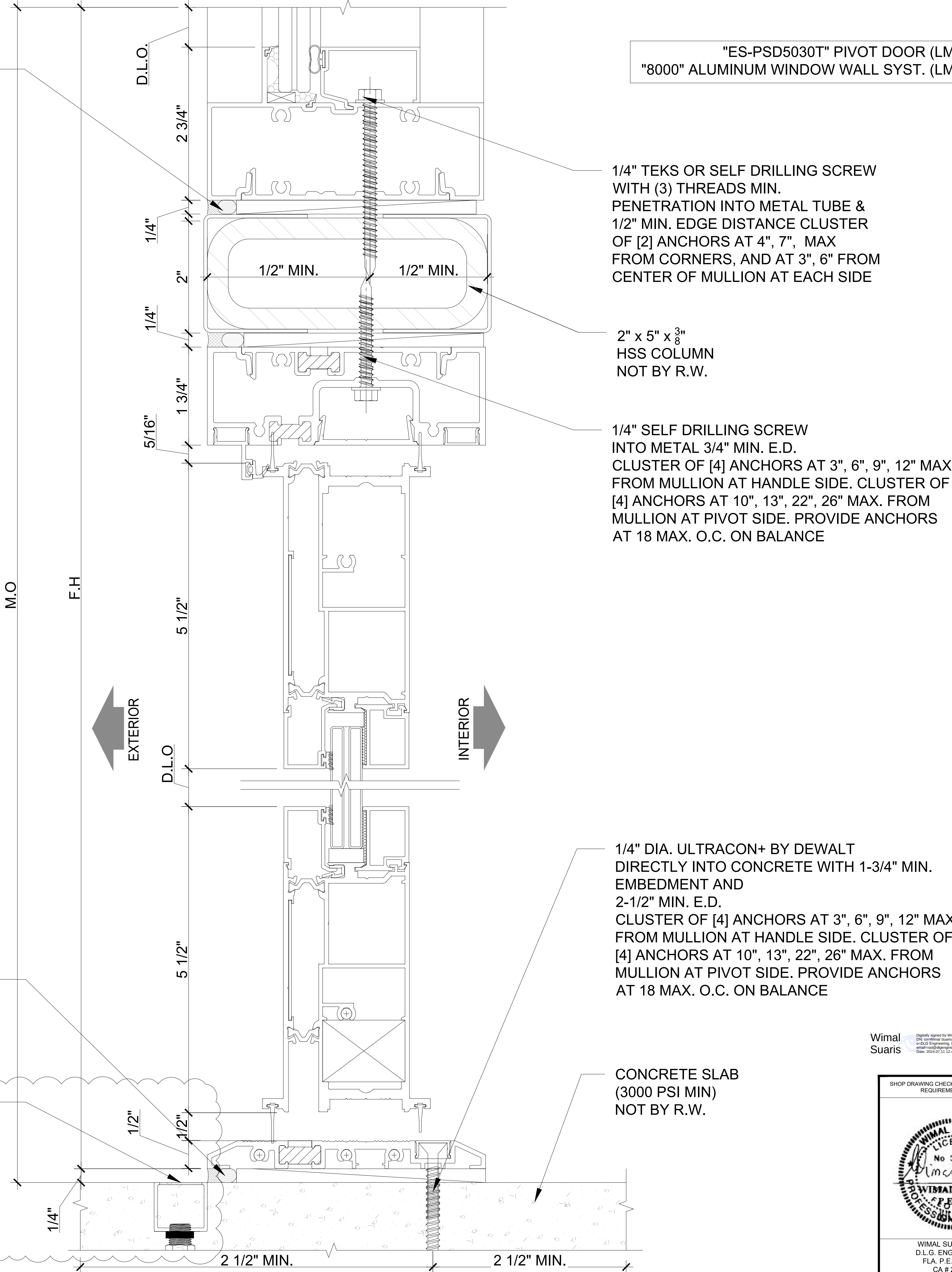
2
SCALE: 1'-0" = 1'-0"

CONTINUOUS PERIMETER SILICONE SEALANT W/BACKER ROD

TRENCH DRAIN COVERING FULL LENGTH OF DOOR. SHALL DRAIN TO THE OUTSIDE

GENERAL NOTES:

1. G.C. TO VERIFY ALL M.O. DIMENSIONS
2. FOR GENERAL NOTES REFER TO SHEET SD-0.0
3. FOR ALL WINDOW / DOOR SEALANT AND GASKET SPECIFICATIONS, REFER TO N.O.A.
4. SEAL SCREW PENETRATION AND APPLY SILICON SEALANT OVER ALL EXPOSED SCREW HEADS (TYP)



"ES-PSD5030T" PIVOT DOOR (LMI)
"8000" ALUMINUM WINDOW WALL SYST. (LMI)

1/4" TEKs OR SELF DRILLING SCREW WITH (3) THREADS MIN. PENETRATION INTO METAL TUBE & 1/2" MIN. EDGE DISTANCE CLUSTER OF [2] ANCHORS AT 4", 7", MAX FROM CORNERS, AND AT 3", 6" FROM CENTER OF MULLION AT EACH SIDE

2" x 5" x 3/8" HSS COLUMN NOT BY R.W.

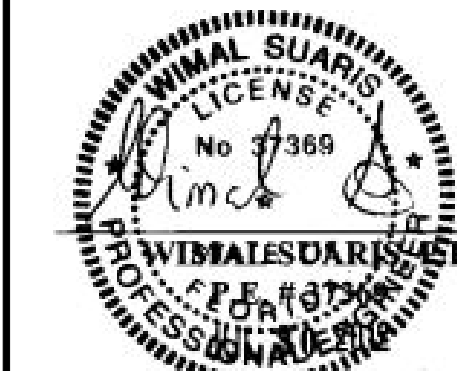
1/4" SELF DRILLING SCREW INTO METAL 3/4" MIN. E.D. CLUSTER OF [4] ANCHORS AT 3", 6", 9", 12" MAX FROM MULLION AT HANDLE SIDE. CLUSTER OF [4] ANCHORS AT 10", 13", 22", 26" MAX. FROM MULLION AT PIVOT SIDE. PROVIDE ANCHORS AT 18 MAX. O.C. ON BALANCE

1/4" DIA. ULTRA CON+ BY DEWALT DIRECTLY INTO CONCRETE WITH 1-3/4" MIN. EMBEDMENT AND 2-1/2" MIN. E.D. CLUSTER OF [4] ANCHORS AT 3", 6", 9", 12" MAX FROM MULLION AT HANDLE SIDE. CLUSTER OF [4] ANCHORS AT 10", 13", 22", 26" MAX. FROM MULLION AT PIVOT SIDE. PROVIDE ANCHORS AT 18 MAX. O.C. ON BALANCE

CONCRETE SLAB (3000 PSI MIN) NOT BY R.W.

Wimal Suaris
Digitally signed by Wimal Suaris
DN: cn=Wimal Suaris, o=RDG Engineering, Inc., email=wimal@rdgengineering.com, c=US
Date: 2024.07.11 12:49:41 -0500

SHOP DRAWING CHECKED FOR STRUCTURAL REQUIREMENTS ONLY.



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D.L.G. ENGINEERING
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ALAYON RESIDENCE

PROJECT NAME: ALAYON RESIDENCE
LOCATION: 9875 SW 69TH COURT PINECRESTS, FL 33156
ARCHITECT: CATILLO ARCHITECTURE & PLANNING LLC. 6356 MANOR LANE, SUITE 105 SOUTH MIAMI, FL 33143

PROJECT NAME:

LOCATION:

ARCHITECT:

DESCRIPTION

CITY COMMENTS

BY

PC

DATE

04/26/2024

REV

1

PROJECT No:

467560

DRAWN

PC

CHECKED BY

NO

DATE

07.11.2023

SCALE

AS SHOWN

DRAWING TITLE

DETAILS

SHEET

SD-4.22