

c:\Users\hardley\pant\building drops, inc\building drops, inc\building drops, inc\common\projects\2026 code change\dwgs\146564\arc014-a.dwg 9/9/2026 10:57 AM

ARCADIA INC.

SERIES IP-2551 ALUMINUM WINDOW WALL SYSTEM

(WZ3) (IMPACT)

INSTALLATION NOTES:

1.

ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2.

THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5.

FOR INSTALLATION INTO WOOD FRAMING USE 5/16" LAG SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6.

FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/8" DEWALT SCREW-BOLT+ OF SUFFICIENT LENGTH TO ACHIEVE 2-1/2 INCH MINIMUM EMBEDMENT.
7.

FOR INSTALLATION THROUGH METAL STUD USE 3/8" SELF-DRILLING SCREWS, GR. 5 OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
8.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

• FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

• CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

10.

FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.

11.

INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

12.

INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. MASONRY - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 12 GA. WALL THICKNESS.

E. ALUMINUM - MINIMUM 1/8 INCH THICK, 6063-T5 ALUMINUM.

GENERAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

• ASTM E1886-19

• ASTM E1996-20

• ASTM E283-19

• ASTM E330-14(21)

• ASTM E331-00(23)

• AAMA 501-24

2.

ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.

3.

1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.

4.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

5.

APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.

6.

APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.

7.

FRAME MATERIAL: ALUMINUM 6063-T6

8.

DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE CURRENT FBC.

9.

GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.

| TABLE OF CONTENTS |                                           |
|-------------------|-------------------------------------------|
| SHEET             | SHEET DESCRIPTION                         |
| 1                 | INSTALLATION & GENERAL NOTES              |
| 2                 | ELEVATION & ANCHOR LAYOUT                 |
| 3                 | GLAZING DETAILS AND GLASS CAPACITY TABLES |
| 4                 | MULLION CAPACITY TABLES                   |
| 5                 | ANCHOR TYPES A, B, & C CAPACITY TABLES    |
| 6                 | VERTICAL SECTIONS                         |
| 7                 | HORIZONTAL SECTIONS                       |
| 8                 | BILL OF MATERIALS AND COMPONENTS          |

INSTRUCTIONS FOR USE:

1.

DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BUILDING HEIGHT, RISK CATEGORY, & WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

2.

SEE CHARTS ON SHEET 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.

3.

CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 4.

4.

USING CHART ON SHEET 5 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

5.

THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM WINDOW WALL SYSTEM (WZ3) (IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

WEB: www.buildingdrops.com

| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2026.10.05 17:15:00 -07'00'

FL #:

FL46564

DATE:

02.19.2024

DWG. BY:

SH

CHK. BY:

HN

SCALE:

NTS

DWG. #:

ARC014

SHEET:

1

REV.

A

OF 8

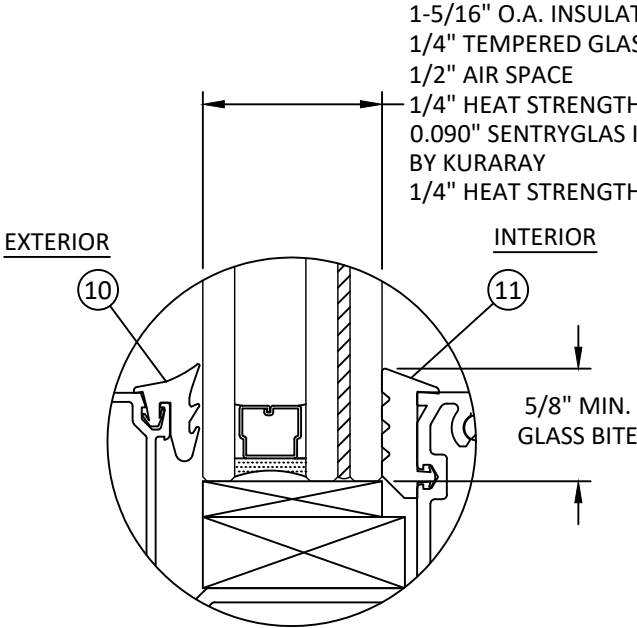
c:\users\hardley\pant\building drops, inc.\building drops\2026 code change\projects\arcadia, inc.\cc-26-0125 - 2026 code change\dwgs\046564\arc014-a.dwg 9/9/2026 10:57 AM

# GLAZING DETAILS AND GLASS CAPACITY TABLE

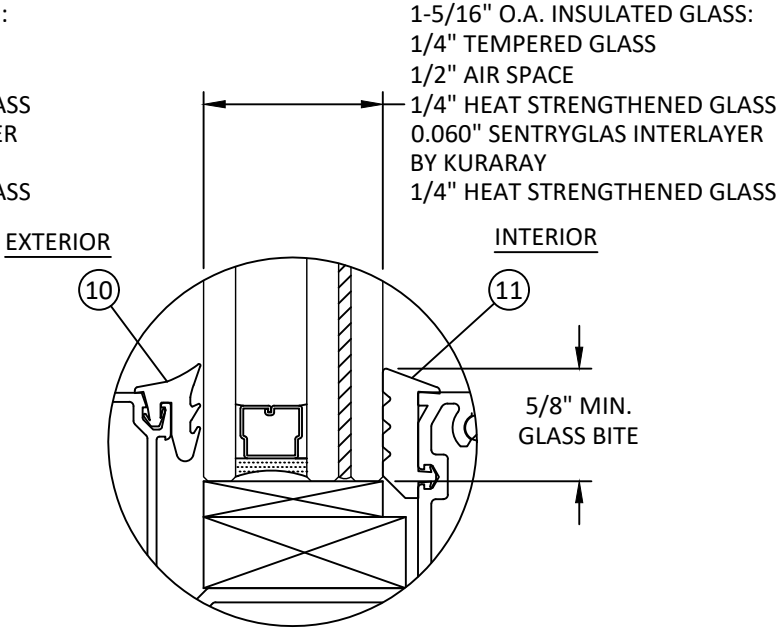
## LARGE OR SMALL MISSILE IMPACT

| GLASS LOAD CAPACITY (PSF) |            |              |          |              |          |
|---------------------------|------------|--------------|----------|--------------|----------|
| DAYLIGHT OPENING (IN)     |            | GLASS TYPE 1 |          | GLASS TYPE 2 |          |
| DLO WIDTH                 | DLO HEIGHT | EXT. (+)     | INT. (-) | EXT. (+)     | INT. (-) |
| 27.5                      | 55         | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 57.5                      |            | 65.5         | 65.5     | 60.0         | 65.5     |
| 63.5                      |            | 56.2         | 56.2     | 56.2         | 56.2     |
| 69.5                      | 61         | 49.1         | 49.1     | 49.1         | 49.1     |
| 75.5                      |            | 43.7         | 43.7     | 43.7         | 43.7     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 57.5                      | 67         | 70.0         | 70.0     | 60.0         | 70.0     |
| 63.5                      |            | 60.5         | 60.5     | 60.0         | 60.5     |
| 69.5                      |            | 52.4         | 52.4     | 52.4         | 52.4     |
| 75.5                      |            | 46.2         | 46.2     | 46.2         | 46.2     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 73         | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 67.0         | 67.0     | 60.0         | 67.0     |
| 57.5                      |            | 65.6         | 65.6     | 60.0         | 65.6     |
| 63.5                      |            | 65.5         | 65.5     | 60.0         | 65.5     |
| 69.5                      |            | 56.2         | 56.2     | 56.2         | 56.2     |
| 75.5                      |            | 49.1         | 49.1     | 49.1         | 49.1     |
| 27.5                      | 79         | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 67.0         | 67.0     | 60.0         | 67.0     |
| 57.5                      |            | 60.0         | 60.0     | 60.0         | 60.0     |
| 63.5                      |            | 58.9         | 58.9     | 58.9         | 58.9     |
| 69.5                      | 85         | 60.5         | 60.5     | 60.0         | 60.5     |
| 27.5                      |            | 52.4         | 52.4     | 52.4         | 52.4     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 57.5                      |            | 67.0         | 67.0     | 60.0         | 67.0     |
| 63.5                      | 90.875     | 60.0         | 60.0     | 60.0         | 60.0     |
| 69.5                      |            | 60.0         | 60.0     | 60.0         | 60.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 69.1         | 69.1     | 60.0         | 69.1     |
| 51.5                      | 97         | 63.9         | 63.9     | 60.0         | 63.9     |
| 57.5                      |            | 60.0         | 60.0     | 60.0         | 60.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 67.7         | 67.7     | 60.0         | 67.7     |
| 51.5                      | 103        | 62.3         | 62.3     | 60.0         | 62.3     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 66.5         | 66.5     | 60.0         | 66.5     |
| 27.5                      | 109        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 65.5         | 65.5     | 60.0         | 65.5     |
| 27.5                      | 115        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 121        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 127        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      | 133        | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      | 139        | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      | 145        | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      | 151        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 157        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |

| GLASS LOAD CAPACITY (PSF) |            |              |          |              |          |
|---------------------------|------------|--------------|----------|--------------|----------|
| DAYLIGHT OPENING (IN)     |            | GLASS TYPE 1 |          | GLASS TYPE 2 |          |
| DLO WIDTH                 | DLO HEIGHT | EXT. (+)     | INT. (-) | EXT. (+)     | INT. (-) |
| 27.5                      | 85         | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 51.5                      |            | 65.7         | 65.7     | 60.0         | 65.7     |
| 57.5                      |            | 60.0         | 60.0     | 60.0         | 60.0     |
| 63.5                      | 90.875     | 70.0         | 70.0     | 60.0         | 70.0     |
| 69.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 69.1         | 69.1     | 60.0         | 69.1     |
| 51.5                      | 97         | 63.9         | 63.9     | 60.0         | 63.9     |
| 57.5                      |            | 60.0         | 60.0     | 60.0         | 60.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 67.7         | 67.7     | 60.0         | 67.7     |
| 51.5                      | 103        | 62.3         | 62.3     | 60.0         | 62.3     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 66.5         | 66.5     | 60.0         | 66.5     |
| 27.5                      | 109        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 65.5         | 65.5     | 60.0         | 65.5     |
| 27.5                      | 115        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 121        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 127        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      | 133        | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      | 139        | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      | 145        | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      | 151        | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      | 157        | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 33.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 39.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 45.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |
| 27.5                      |            | 70.0         | 70.0     | 60.0         | 70.0     |



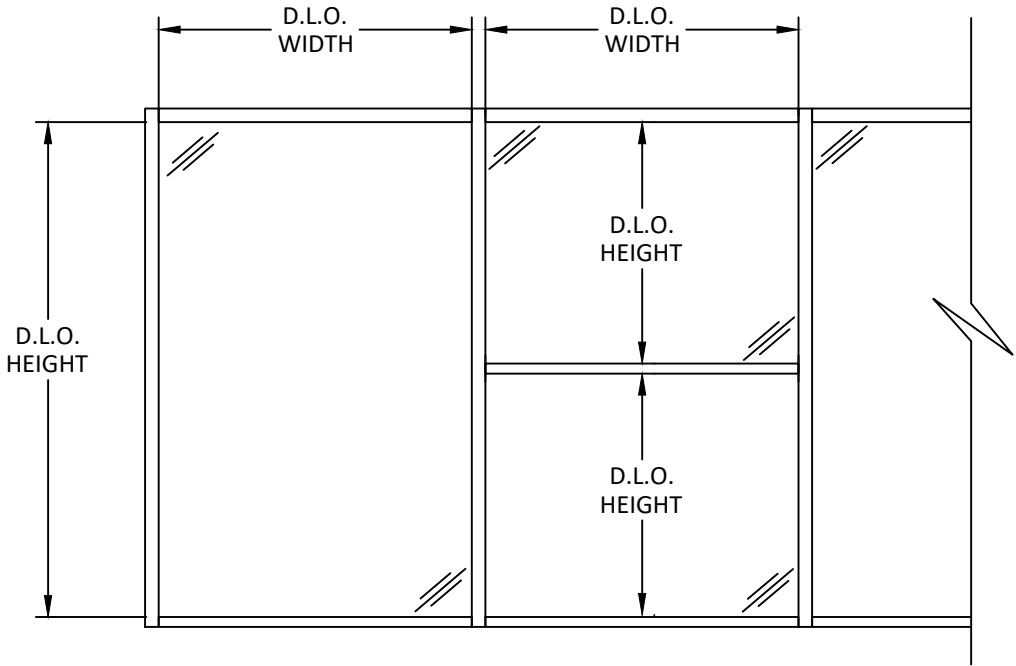
GLAZING DETAIL 1



GLAZING DETAIL 2

GLAZING NOTES:

- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
- D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.



2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM WINDOW WALL SYSTEM (WZ3) (IMPACT)

GLAZING DETAILS & GLASS CAPACITY TABLES

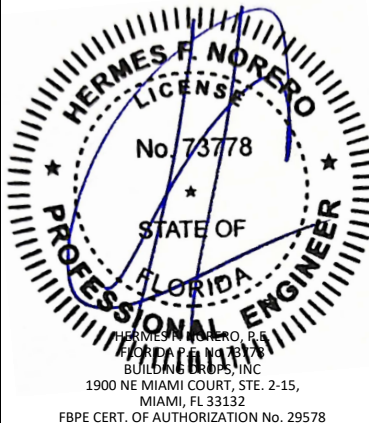
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com



| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



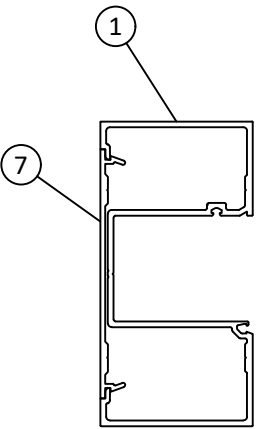
|          |            |
|----------|------------|
| FL #:    | FL46564    |
| DATE:    | 02.19.2024 |
| DWG. BY: | SH         |
| CHK. BY: | HN         |
| SCALE:   | NTS        |
| DWG. #:  | ARC014     |
| SHEET:   | 3          |
| REV.     | A          |
| OF       | 8          |

c:\users\harley\pant\building drops, inc.\building drops landing - common\projects\2026 code change projects\arcadia, inc.\cc-26-0125 - 2026 code change\dwgs\146564\arc014-a.dwg 9/9/2026 10:57 AM

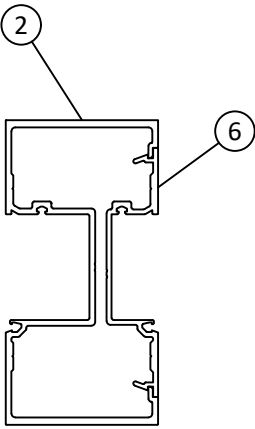
MULLION CAPACITY TABLES

| DESIGN LOAD CAPACITY - PSF |              |           |          |              |          |
|----------------------------|--------------|-----------|----------|--------------|----------|
| NOMINAL DIMS.              |              | JAMB - J1 |          | MULLION - M1 |          |
| WIDTH (W)                  | FRAME HEIGHT | EXT. (+)  | INT. (-) | EXT. (+)     | INT. (-) |
| 30                         | 60           | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 66                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 72                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 30                         | 66           | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 66                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 72                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 30                         | 72           | 67.1      | 67.1     | 67.1         | 67.1     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 66                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 72                         |              | 66.7      | 66.7     | 66.7         | 66.7     |
| 30                         | 78           | 61.5      | 61.5     | 61.5         | 61.5     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 66                         |              | 67.1      | 67.1     | 67.1         | 67.1     |
| 72                         |              | 61.5      | 61.5     | 61.5         | 61.5     |
| 30                         | 84           | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 68.6      | 68.6     | 68.6         | 68.6     |
| 66                         |              | 62.3      | 62.3     | 62.3         | 62.3     |

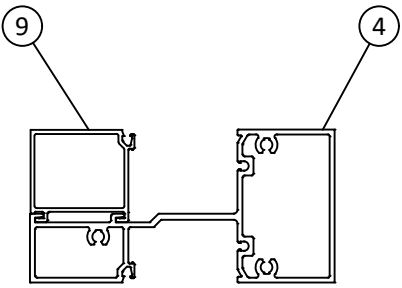
| DESIGN LOAD CAPACITY - PSF |              |           |          |              |          |
|----------------------------|--------------|-----------|----------|--------------|----------|
| NOMINAL DIMS.              |              | JAMB - J1 |          | MULLION - M1 |          |
| WIDTH (W)                  | FRAME HEIGHT | EXT. (+)  | INT. (-) | EXT. (+)     | INT. (-) |
| 30                         | 90           | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 64.0      | 64.0     | 64.0         | 64.0     |
| 30                         | 96           | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 54                         |              | 66.7      | 66.7     | 66.7         | 66.7     |
| 60                         |              | 60.0      | 60.0     | 60.0         | 60.0     |
| 30                         | 102          | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 48                         |              | 62.5      | 62.5     | 62.5         | 62.5     |
| 54                         |              | 55.6      | 55.6     | 55.6         | 55.6     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 30                         | 108          | 70.0      | 70.0     | 70.0         | 70.0     |
| 36                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 42                         |              | 60.2      | 60.2     | 60.2         | 60.2     |
| 48                         |              | 52.7      | 52.7     | 52.7         | 52.7     |
| 54                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 60                         |              | 70.0      | 70.0     | 70.0         | 70.0     |
| 30                         | 114          | 59.7      | 59.7     | 59.7         | 59.7     |
| 36                         |              | 51.2      | 51.2     | 51.2         | 51.2     |
| 42                         |              | 44.8      | 44.8     | 44.8         | 44.8     |
| 48                         |              | 61.4      | 61.4     | 61.4         | 61.4     |
| 54                         |              | 51.2      | 51.2     | 51.2         | 51.2     |
| 60                         |              | 43.9      | 43.9     | 43.9         | 43.9     |
| 30                         | 120          | 53.1      | 53.1     | 53.1         | 53.1     |
| 36                         |              | 44.2      | 44.2     | 44.2         | 44.2     |
| 42                         |              | 37.9      | 37.9     | 37.9         | 37.9     |
| 48                         |              | 46.2      | 46.2     | 46.2         | 46.2     |
| 54                         |              | 38.5      | 38.5     | 38.5         | 38.5     |
| 60                         |              | 33.0      | 33.0     | 33.0         | 33.0     |
| 30                         | 126          | 40.4      | 40.4     | 40.4         | 40.4     |
| 36                         |              | 33.7      | 33.7     | 33.7         | 33.7     |
| 42                         |              | 35.6      | 35.6     | 35.6         | 35.6     |
| 48                         |              | 29.6      | 29.6     | 29.6         | 29.6     |
| 54                         |              | 31.5      | 31.5     | 31.5         | 31.5     |
| 60                         |              | 26.2      | 26.2     | 26.2         | 26.2     |
| 30                         | 132          | 28.0      | 28.0     | 28.0         | 28.0     |
| 36                         |              | 23.3      | 23.3     | 23.3         | 23.3     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 30                         | 138          | 25.0      | 25.0     | 25.0         | 25.0     |
| 36                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 30                         | 144          | 25.0      | 25.0     | 25.0         | 25.0     |
| 36                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 30                         | 150          | 25.0      | 25.0     | 25.0         | 25.0     |
| 36                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 30                         | 156          | 25.0      | 25.0     | 25.0         | 25.0     |
| 36                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 30                         | 162          | 25.0      | 25.0     | 25.0         | 25.0     |
| 36                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 42                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 48                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 54                         |              | 25.0      | 25.0     | 25.0         | 25.0     |
| 60                         |              | 25.0      | 25.0     | 25.0         | 25.0     |



JAMB - 'J1'

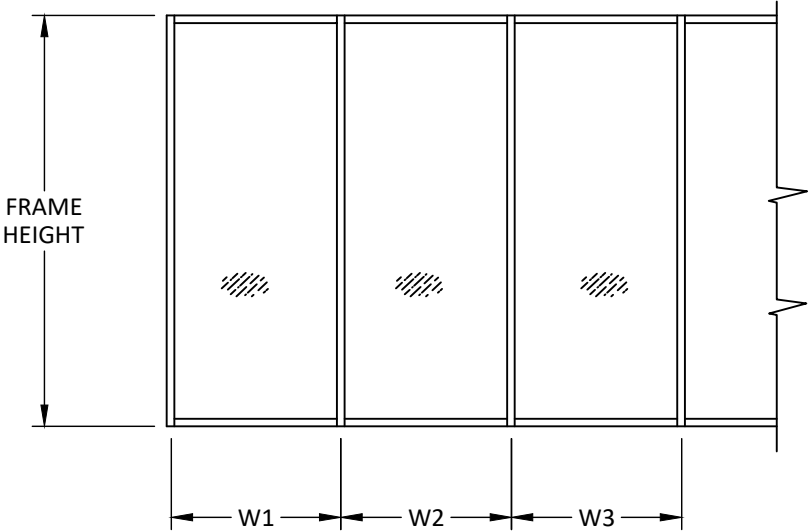


MULLION - 'M1'



HORIZONTAL - 'H1'

| LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS |                                     |                        |
|----------------------------------------------|-------------------------------------|------------------------|
| MAX HORIZ. SPAN (in.)                        | MAX GLASS HEIGHT ABOVE HORIZ. (in.) | MAX DESIGN LOADS (PSF) |
|                                              |                                     | HORIZONTAL - H1        |
| 39.5                                         | 66                                  | 70                     |
| 45.5                                         | 60                                  | 70                     |
| 51.5                                         | 54                                  | 70                     |
| 57.5                                         | 48                                  | 70                     |
| 63.5                                         | 42                                  | 70                     |
| 69.5                                         | 36                                  | 70                     |
| 75.5                                         | 30                                  | 70                     |



WIDTH (W) = W1 (JAMB)

WIDTH (W) =  $\frac{W2 + W3}{2}$  (MULLION)



2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM WINDOW WALL SYSTEM (WZ3) (IMPACT)

MULLION CAPACITY TABLES

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954) 399-8478

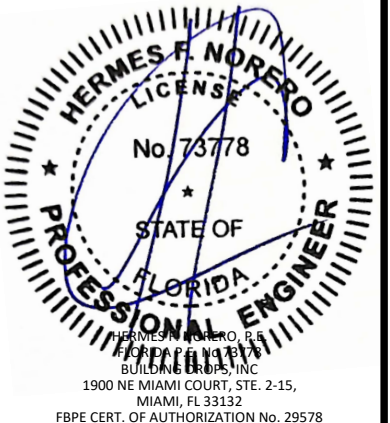
FAX: (954) 744-4738

WEB: www.buildingdrops.com



| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



|          |          |            |
|----------|----------|------------|
| FL #:    |          | FL46564    |
| DATE:    |          | 02.19.2024 |
| DWG. BY: | CHK. BY: |            |
| SH       | HN       |            |
| SCALE:   |          | NTS        |
| DWG. #:  |          | ARC014     |
| SHEET:   |          | 4          |
| REV.     |          | A          |
|          |          | OF 8       |

ANCHOR TYPES 'A, B, & C' CAPACITY TABLES

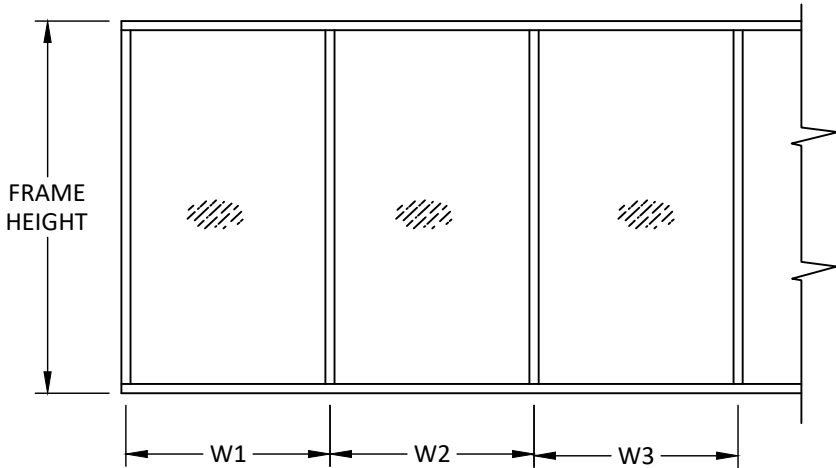
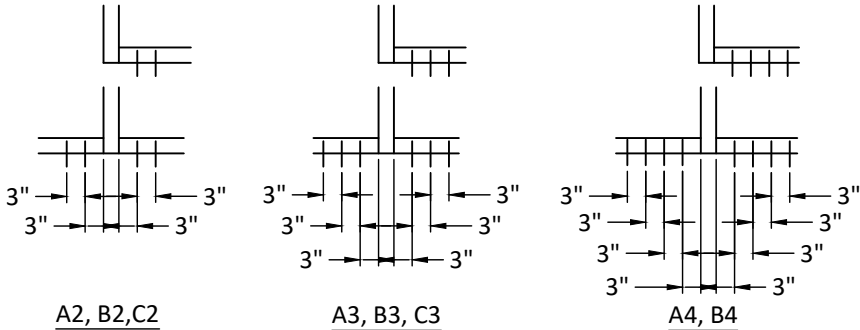
| ANCHOR LOAD CAPACITY - PSF<br>EXT. (+) & INT. (-) |                 |                     |      |      |                     |      |      |                     |      |
|---------------------------------------------------|-----------------|---------------------|------|------|---------------------|------|------|---------------------|------|
| NOMINAL DIMS.                                     |                 | ANCHORS<br>TYPE 'A' |      |      | ANCHORS<br>TYPE 'B' |      |      | ANCHORS<br>TYPE 'C' |      |
| WIDTH<br>(W)                                      | FRAME<br>HEIGHT | A2                  | A3   | A4   | B2                  | B3   | B4   | C2                  | C3   |
| 30.0                                              | 60.0            | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 70.0                | 70.0 | 70.0 | 67.8                | 70.0 | 70.0 | 70.0                | 70.0 |
| 60.0                                              |                 | 66.9                | 70.0 | 70.0 | 61.1                | 70.0 | 70.0 | 70.0                | 70.0 |
| 66.0                                              |                 | 60.9                | 70.0 | 70.0 | 55.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 72.0                                              |                 | 55.8                | 70.0 | 70.0 | 50.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 78.0                                              | 66.0            | 51.5                | 70.0 | 70.0 | 47.0                | 70.0 | 70.0 | 69.2                | 70.0 |
| 30.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 70.0                | 70.0 | 70.0 | 69.4                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 67.6                | 70.0 | 70.0 | 61.7                | 70.0 | 70.0 | 70.0                | 70.0 |
| 60.0                                              |                 | 60.9                | 70.0 | 70.0 | 55.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 66.0                                              |                 | 55.3                | 70.0 | 70.0 | 50.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 72.0                                              | 72.0            | 50.7                | 70.0 | 70.0 | 46.3                | 69.4 | 70.0 | 68.2                | 70.0 |
| 78.0                                              |                 | 46.8                | 70.0 | 70.0 | 42.7                | 64.1 | 70.0 | 62.9                | 70.0 |
| 30.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 69.7                | 70.0 | 70.0 | 63.6                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 62.0                | 70.0 | 70.0 | 56.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 60.0                                              |                 | 55.8                | 70.0 | 70.0 | 50.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 66.0                                              | 78.0            | 50.7                | 70.0 | 70.0 | 46.3                | 69.4 | 70.0 | 68.2                | 70.0 |
| 72.0                                              |                 | 46.5                | 69.7 | 70.0 | 42.4                | 63.6 | 70.0 | 62.5                | 70.0 |
| 78.0                                              |                 | 42.9                | 64.4 | 70.0 | 39.1                | 58.7 | 70.0 | 57.7                | 70.0 |
| 30.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 70.0                | 70.0 | 70.0 | 67.1                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 64.4                | 70.0 | 70.0 | 58.7                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 57.2                | 70.0 | 70.0 | 52.2                | 70.0 | 70.0 | 70.0                | 70.0 |
| 60.0                                              | 84.0            | 51.5                | 70.0 | 70.0 | 47.0                | 70.0 | 70.0 | 69.2                | 70.0 |
| 66.0                                              |                 | 46.8                | 70.0 | 70.0 | 42.7                | 64.1 | 70.0 | 62.9                | 70.0 |
| 72.0                                              |                 | 42.9                | 64.4 | 70.0 | 39.1                | 58.7 | 70.0 | 57.7                | 70.0 |
| 30.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 68.3                | 70.0 | 70.0 | 62.3                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 59.8                | 70.0 | 70.0 | 54.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 53.1                | 70.0 | 70.0 | 48.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 60.0                                              | 66.0            | 47.8                | 70.0 | 70.0 | 43.6                | 65.4 | 70.0 | 64.3                | 70.0 |
| 66.0                                              |                 | 43.5                | 65.2 | 70.0 | 39.7                | 59.5 | 70.0 | 58.4                | 70.0 |

| ANCHOR LOAD CAPACITY - PSF<br>EXT. (+) & INT. (-) |                 |                     |      |      |                     |      |      |                     |      |
|---------------------------------------------------|-----------------|---------------------|------|------|---------------------|------|------|---------------------|------|
| NOMINAL DIMS.                                     |                 | ANCHORS<br>TYPE 'A' |      |      | ANCHORS<br>TYPE 'B' |      |      | ANCHORS<br>TYPE 'C' |      |
| WIDTH<br>(W)                                      | FRAME<br>HEIGHT | A2                  | A3   | A4   | B2                  | B3   | B4   | C2                  | C3   |
| 30.0                                              | 90.0            | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 70.0                | 70.0 | 70.0 | 67.8                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 63.8                | 70.0 | 70.0 | 58.2                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 55.8                | 70.0 | 70.0 | 50.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 49.6                | 70.0 | 70.0 | 45.2                | 67.8 | 70.0 | 66.7                | 70.0 |
| 60.0                                              |                 | 44.6                | 66.9 | 70.0 | 40.7                | 61.1 | 70.0 | 60.0                | 70.0 |
| 30.0                                              | 96.0            | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 69.7                | 70.0 | 70.0 | 63.6                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 59.8                | 70.0 | 70.0 | 54.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 52.3                | 70.0 | 70.0 | 47.7                | 70.0 | 70.0 | 70.0                | 70.0 |
| 54.0                                              |                 | 46.5                | 69.7 | 70.0 | 42.4                | 63.6 | 70.0 | 62.5                | 70.0 |
| 30.0                                              | 102.0           | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 65.6                | 70.0 | 70.0 | 59.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 56.3                | 70.0 | 70.0 | 51.3                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 49.2                | 70.0 | 70.0 | 44.9                | 67.3 | 70.0 | 66.2                | 70.0 |
| 54.0                                              |                 | 43.8                | 65.6 | 70.0 | 39.9                | 59.9 | 70.0 | 58.8                | 70.0 |
| 30.0                                              | 108.0           | 70.0                | 70.0 | 70.0 | 67.8                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 62.0                | 70.0 | 70.0 | 56.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 53.1                | 70.0 | 70.0 | 48.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 48.0                                              |                 | 46.5                | 69.7 | 70.0 | 42.4                | 63.6 | 70.0 | 62.5                | 70.0 |
| 30.0                                              | 114.0           | 70.0                | 70.0 | 70.0 | 64.3                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 58.7                | 70.0 | 70.0 | 53.6                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 50.3                | 70.0 | 70.0 | 45.9                | 68.9 | 70.0 | 67.7                | 70.0 |
| 48.0                                              |                 | 44.0                | 66.1 | 70.0 | 40.2                | 60.3 | 70.0 | 59.2                | 70.0 |
| 30.0                                              | 120.0           | 66.9                | 70.0 | 70.0 | 61.1                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 55.8                | 70.0 | 70.0 | 50.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 47.8                | 70.0 | 70.0 | 43.6                | 65.4 | 70.0 | 64.3                | 70.0 |
| 30.0                                              | 126.0           | 63.8                | 70.0 | 70.0 | 58.2                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 53.1                | 70.0 | 70.0 | 48.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 42.0                                              |                 | 45.5                | 68.3 | 70.0 | 41.5                | 62.3 | 70.0 | 61.2                | 70.0 |
| 30.0                                              | 132.0           | 60.9                | 70.0 | 70.0 | 55.5                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 50.7                | 70.0 | 70.0 | 46.3                | 69.4 | 70.0 | 68.2                | 70.0 |
| 42.0                                              |                 | 43.5                | 65.2 | 70.0 | 39.7                | 59.5 | 70.0 | 58.4                | 70.0 |
| 30.0                                              | 138.0           | 58.2                | 70.0 | 70.0 | 53.1                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 48.5                | 70.0 | 70.0 | 44.2                | 66.4 | 70.0 | 65.2                | 70.0 |
| 30.0                                              | 144.0           | 55.8                | 70.0 | 70.0 | 50.9                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 46.5                | 69.7 | 70.0 | 42.4                | 63.6 | 70.0 | 62.5                | 70.0 |
| 30.0                                              | 150.0           | 53.6                | 70.0 | 70.0 | 48.8                | 70.0 | 70.0 | 70.0                | 70.0 |
| 36.0                                              |                 | 44.6                | 66.9 | 70.0 | 40.7                | 61.1 | 70.0 | 60.0                | 70.0 |
| 30.0                                              | 156.0           | 51.5                | 70.0 | 70.0 | 47.0                | 70.0 | 70.0 | 69.2                | 70.0 |
| 36.0                                              |                 | 42.9                | 64.4 | 70.0 | 39.1                | 58.7 | 70.0 | 57.7                | 70.0 |
| 30.0                                              | 162.0           | 49.6                | 70.0 | 70.0 | 45.2                | 67.8 | 70.0 | 66.7                | 70.0 |

ANCHORS TYPES: SEE TABLE BELOW FOR DESCRIPTION

- A2 = (2) ANCHORS TYPE 'A' AT JAMB OR EACH SIDE OF MULLION  
A3 = (3) ANCHORS TYPE 'A' AT JAMB OR EACH SIDE OF MULLION  
A4 = (4) ANCHORS TYPE 'A' AT JAMB OR EACH SIDE OF MULLION  
B2 = (2) ANCHORS TYPE 'B' AT JAMB OR EACH SIDE OF MULLION  
B3 = (3) ANCHORS TYPE 'B' AT JAMB OR EACH SIDE OF MULLION  
B4 = (4) ANCHORS TYPE 'B' AT JAMB OR EACH SIDE OF MULLION  
C2 = (2) ANCHORS TYPE 'C' AT JAMB OR EACH SIDE OF MULLION  
C3 = (3) ANCHORS TYPE 'C' AT JAMB OR EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION



WIDTH (W) = W1 (JAMB)

WIDTH (W) =  $\frac{W2 + W3}{2}$  (MULLION)

| SERIES IP-2551 ALUMINUM WINDOW WALL ANCHOR SCHEDULE |                                    |                                                                                 |                                                     |                    |
|-----------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------|--------------------|
| ANCHOR TYPE                                         | ANCHOR DESCRIPTION                 | SUBSTRATE REQUIREMENTS                                                          | MIN. EMBEDMENT                                      | MIN. EDGE DISTANCE |
| A                                                   | 3/8" DEWALT SCREW-BOLT+            | CONCRETE F'C = 3000 PSI MIN.<br>C-90 HOLLOW/FILLED BLOCK<br>F'M = 2000 PSI MIN. | 2-1/2"                                              | 3"                 |
| B                                                   | 5/16" LAG SCREW                    | MIN. S.G. = 0.55 WOOD                                                           | 1-1/2"                                              | 1"                 |
| C                                                   | 3/8" SELF-DRILLING SCREW (GRADE 5) | STEEL: 18 GA. MIN.,<br>Fy=36 KSI MIN.<br>ALUM.: 1/8" MIN.,<br>6063-T5 MIN.      | 3 THREADS<br>PENETRATION<br>PAST METAL<br>STRUCTURE | 3/4"               |



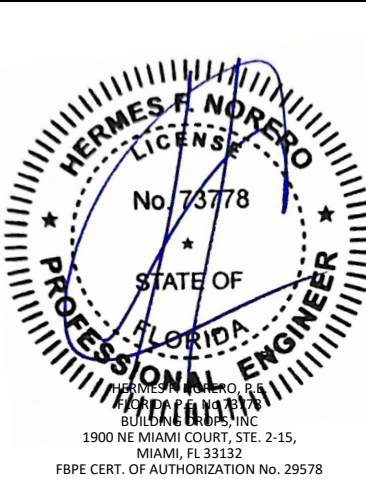
2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM WINDOW WALL SYSTEM (WZ3) (IMPACT)  
ANCHOR TYPES A, B, AND C CAPACITY TABLES

PREPARED BY: BUILDING DROPS, INC.  
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954)399-8478  
FAX: (954)744-4738  
WEB: www.buildingdrops.com

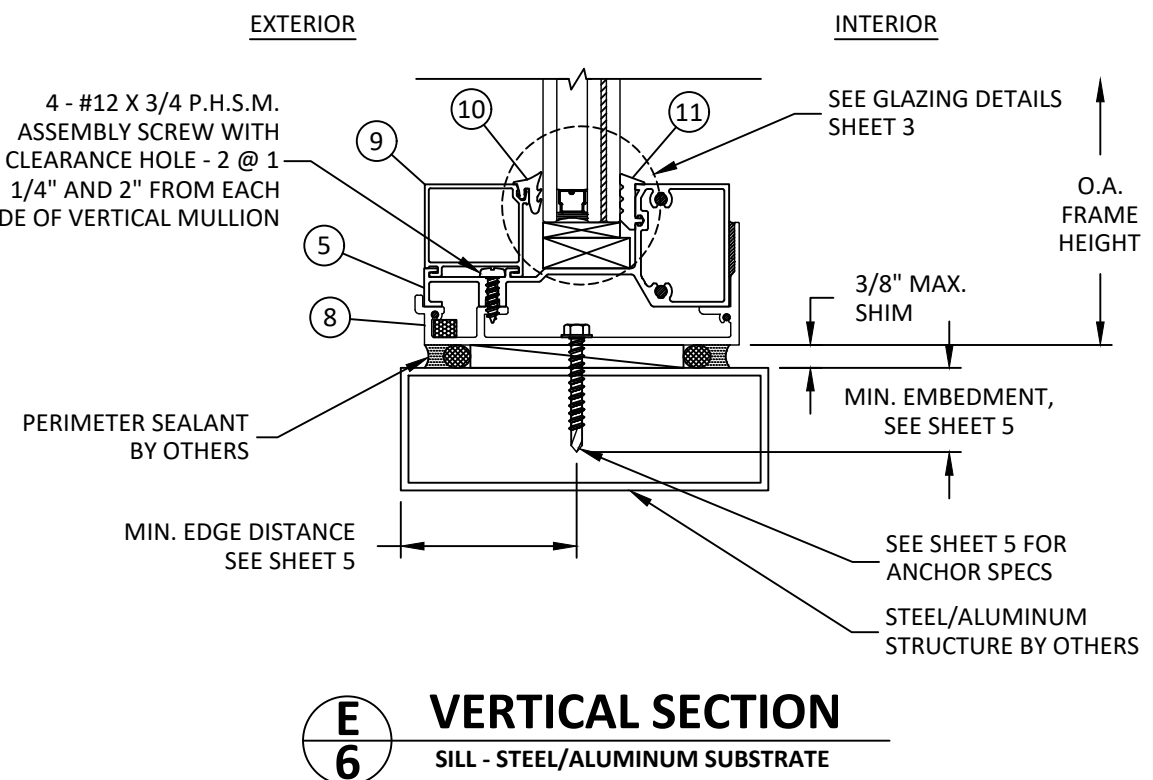
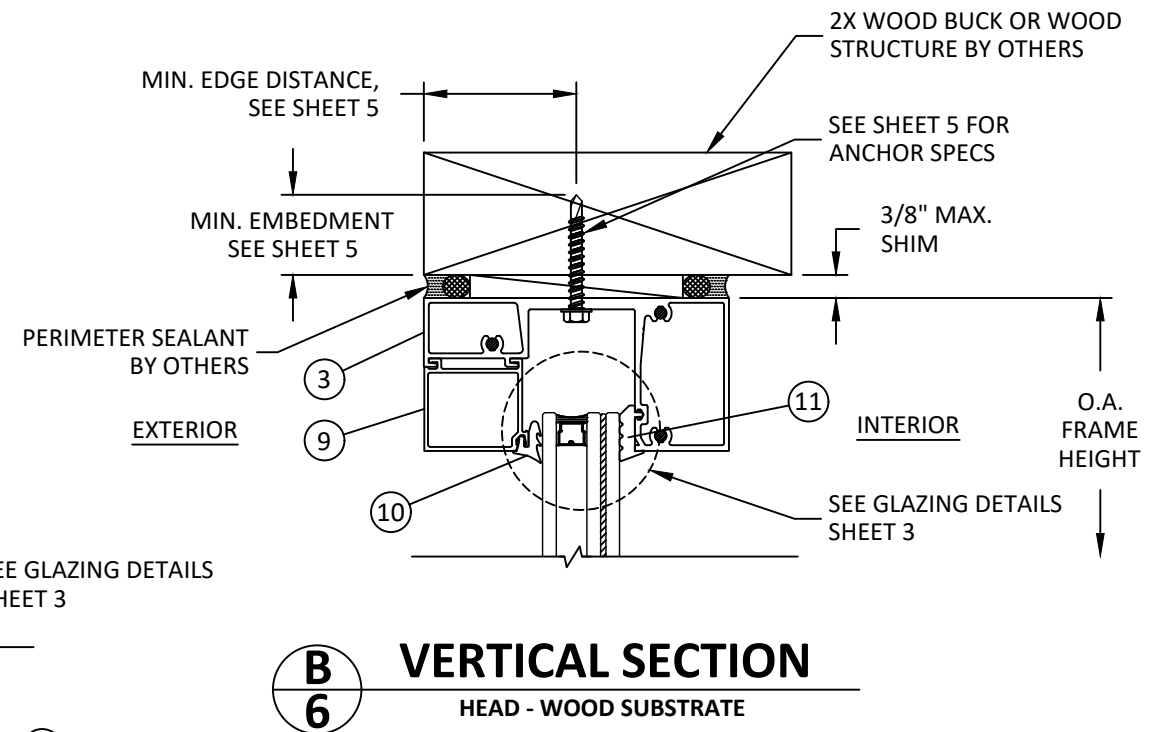
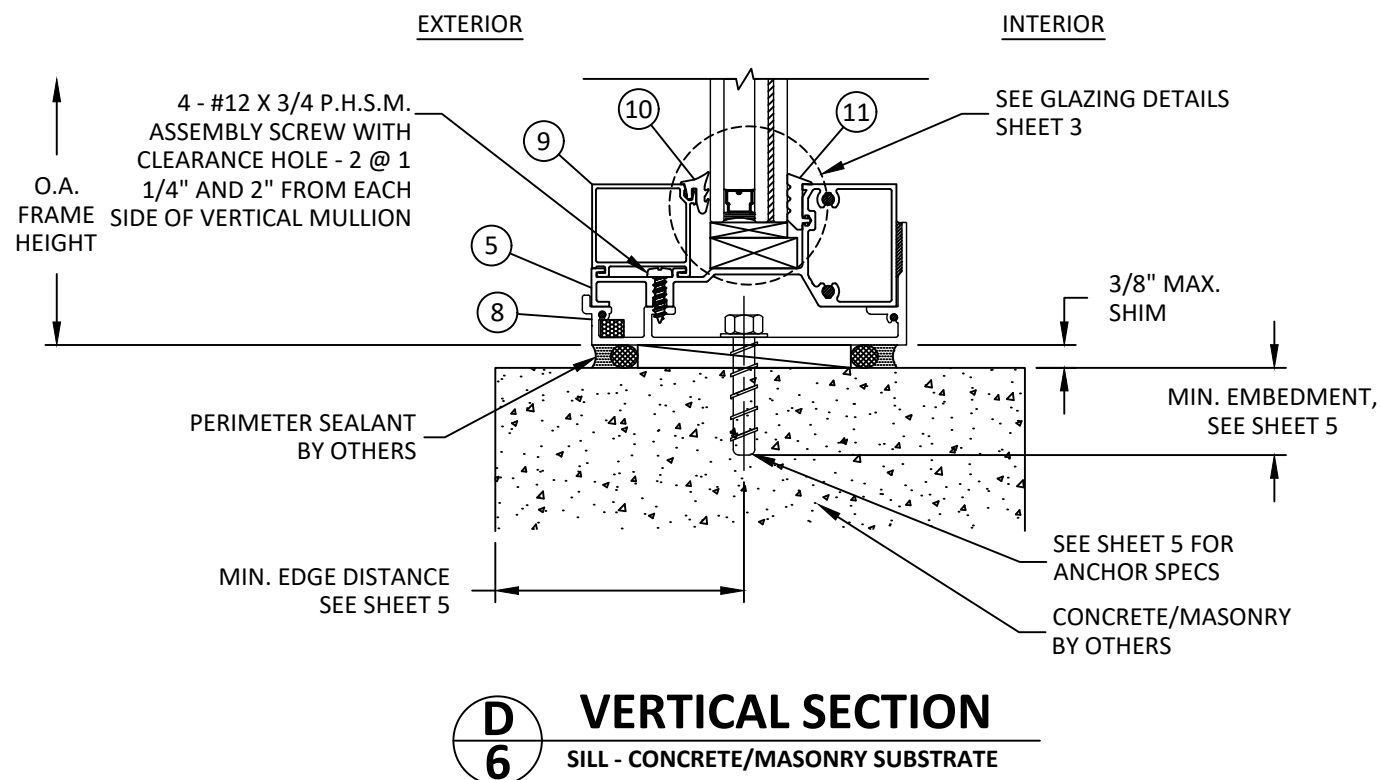
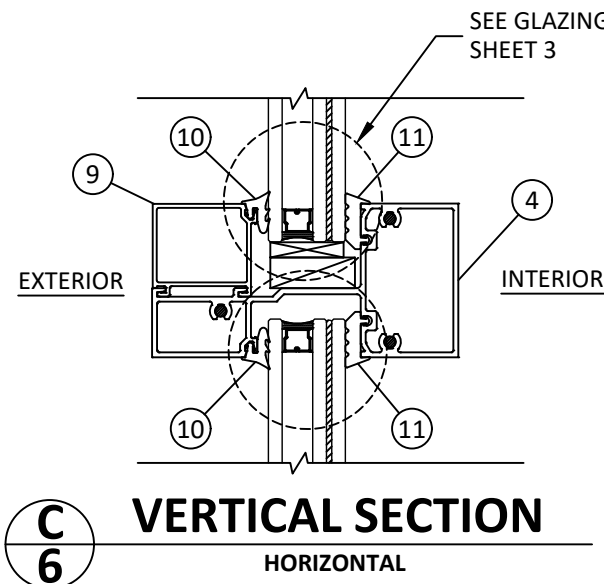
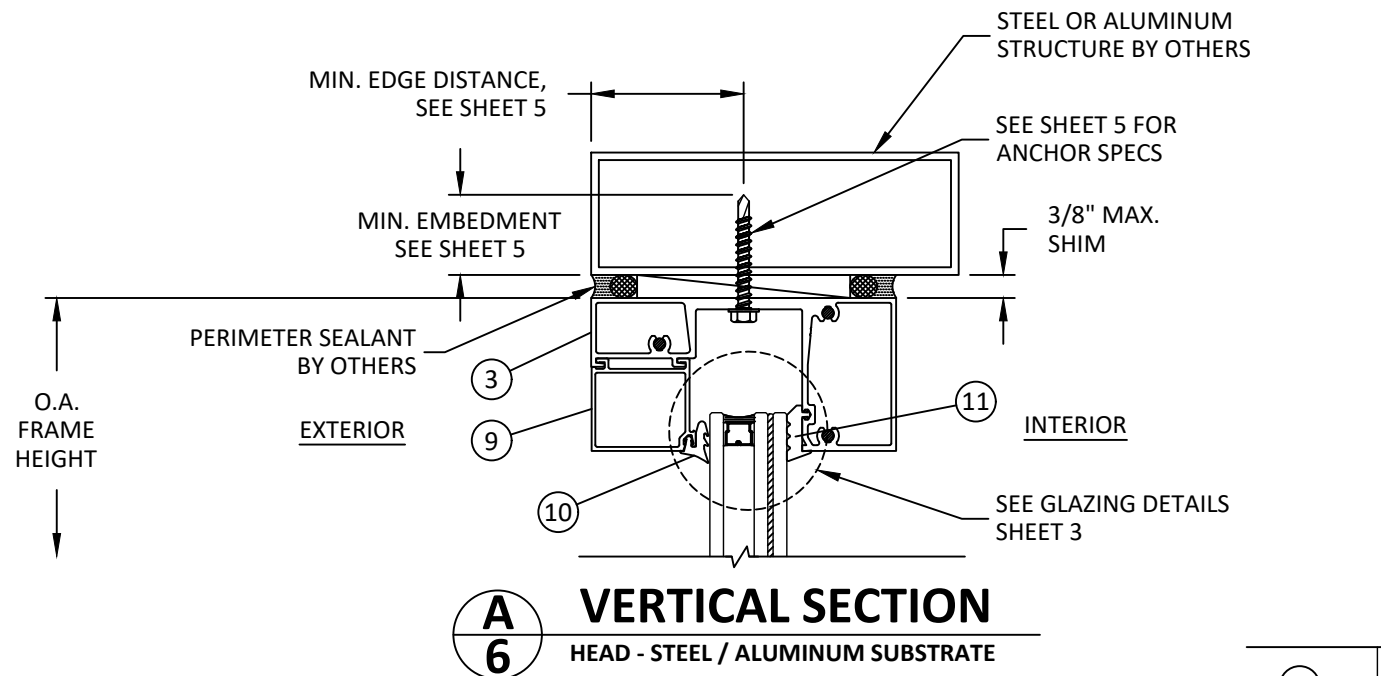
| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



|          |          |            |
|----------|----------|------------|
| FL #:    |          | FL46564    |
| DATE:    |          | 02.19.2024 |
| DWG. BY: | CHK. BY: |            |
| SH       | HN       |            |
| SCALE:   |          | NTS        |
| DWG. #:  |          | ARC014     |
| SHEET:   |          | 5          |
| REV.     |          | A          |
|          |          | OF 8       |

c:\users\hardley\pant\building drops, inc.\building drops landing - common\projects\2026 code change\dwgs\146564\arc014-a.dwg 9/9/2026 10:57 AM



2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM  
WINDOW WALL SYSTEM  
(WZ3) (IMPACT)

VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com



| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



|          |            |
|----------|------------|
| FL #:    | FL46564    |
| DATE:    | 02.19.2024 |
| DWG. BY: | SH         |
| CHK. BY: | HN         |
| SCALE:   | NTS        |
| DWG. #:  | ARC014     |
| SHEET:   | 6          |

REV. A

c:\users\harley\pant\building drops, inc\building drops landing - common\projects\2026 code change projects\arcadia, inc\cc-26-0125 - 2026 code change\dwgs\146564\arc014-a.dwg 9/9/2026 10:57 AM



2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM  
WINDOW WALL SYSTEM  
(WZ3) (IMPACT)

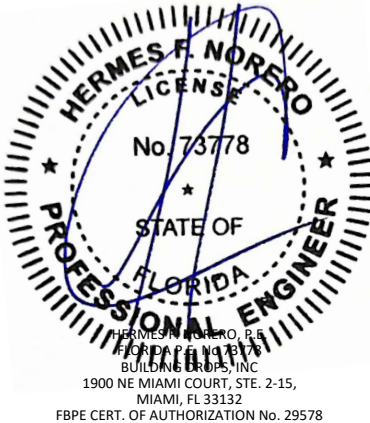
HORIZONTAL SECTIONS

PREPARED BY:  
**BUILDING DROPS, INC.**  
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954)399-8478  
FAX: (954)744-4738  
WEB: www.buildingdrops.com

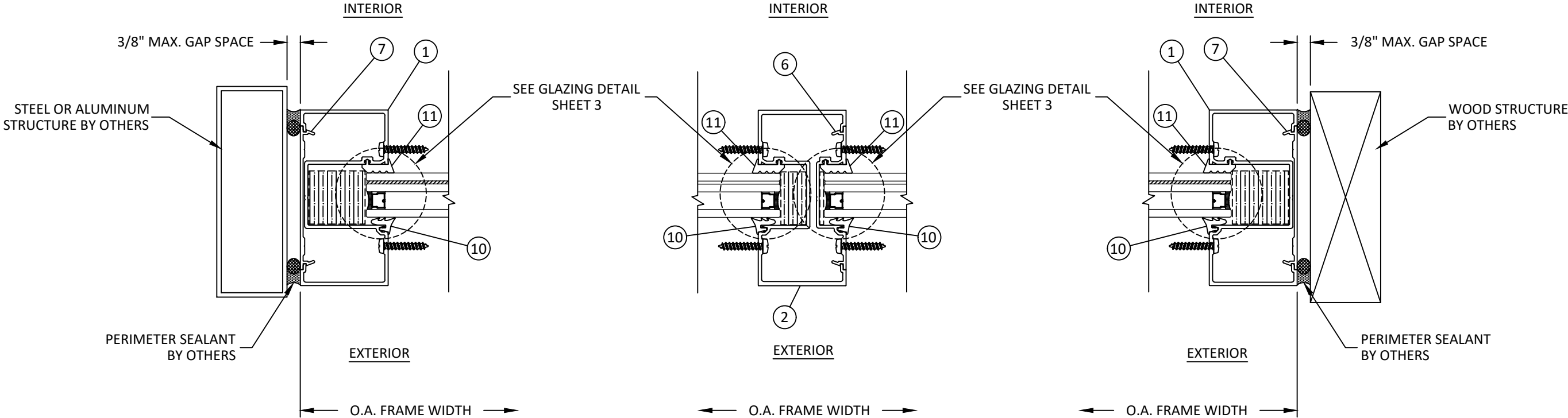


| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



|          |            |
|----------|------------|
| FL #:    | FL46564    |
| DATE:    | 02.19.2024 |
| DWG. BY: | SH         |
| CHK. BY: | HN         |
| SCALE:   | NTS        |
| DWG. #:  | ARC014     |
| SHEET:   | 7          |
| REV.     | A          |



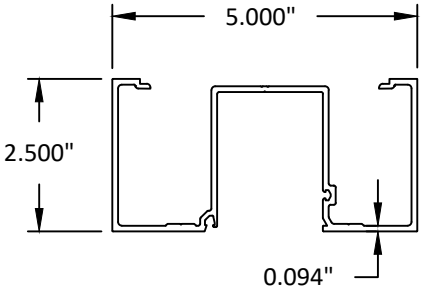
**A**  
**7**  
**VERTICAL SECTION**  
JAMB - STEEL/ALUMINUM SUBSTRATE

**B**  
**7**  
**VERTICAL SECTION**  
MULLION

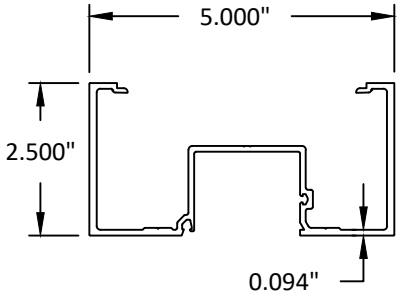
**C**  
**7**  
**VERTICAL SECTION**  
JAMB - WOOD SUBSTRATE

c:\users\harley\pant\building drops, inc\building drops\landing - common\projects\2026 code change\dwgs\146564\arc014-a.dwg 9/9/2026 10:57 AM

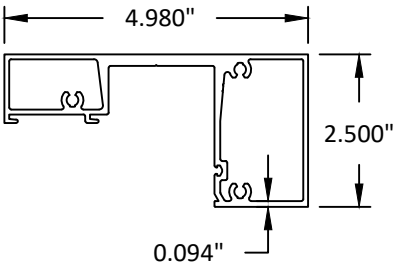
| BILL OF MATERIALS |              |                 |          |              |
|-------------------|--------------|-----------------|----------|--------------|
| ITEM              | PART No.     | DESCRIPTION     | MATERIAL | MANUFACTURER |
| 1                 | IP-5122      | JAMB            | 6063-T6  | ARCADIA INC. |
| 2                 | IP-5102      | VERTICAL        | 6063-T6  | ARCADIA INC. |
| 3                 | IP-5123      | HEAD            | 6063-T6  | ARCADIA INC. |
| 4                 | IP-5113      | HORIZONTAL      | 6063-T6  | ARCADIA INC. |
| 5                 | IP-5153      | SILL            | 6063-T6  | ARCADIA INC. |
| 6                 | IP-5110      | VERTICAL FILLER | 6063-T6  | ARCADIA INC. |
| 7                 | IP-500       | JAMB FILLER     | 6063-T6  | ARCADIA INC. |
| 8                 | IP-551       | SILL END DAM    | 6063-T6  | ARCADIA INC. |
| 9                 | IP-5113 STOP | FRAME STOP      | 6063-T6  | ARCADIA INC. |
| 10                | VTL-TG       | GLAZING GASKET  | NEOPRENE | BY OTHERS    |
| 11                | G-IPDG       | GLAZING GASKET  | NEOPRENE | BY OTHERS    |



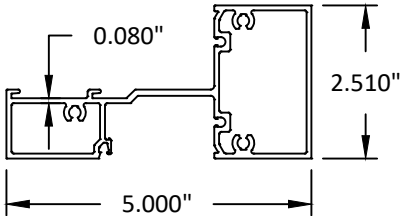
1 JAMB  
IP-522



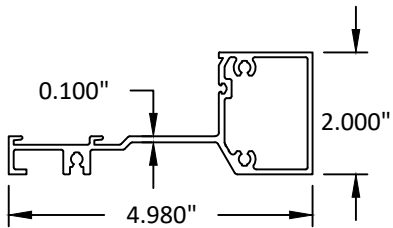
2 VERTICAL  
IP-502



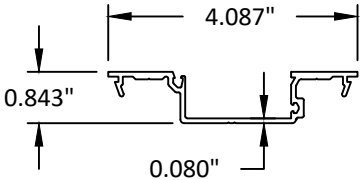
3 HEAD  
IP-523



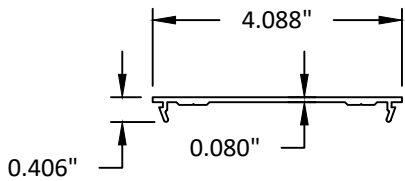
4 HORIZONTAL  
IP-513



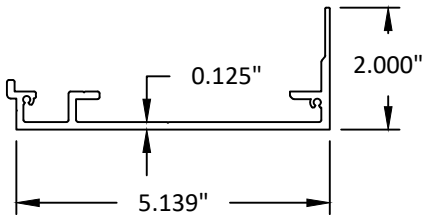
5 SILL  
IP-553



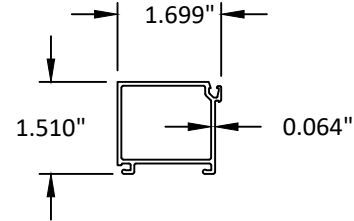
6 VERTICAL FILLER  
IP-510



7 JAMB FILLER  
IP-500



8 SILL END DAM  
IP-551



9 FRAME STOP  
IP-513 STOP



2301 EAST VERNON AVE.  
VERNON, CA 90058  
PH: (323) 771-9819

TITLE: SERIES IP-2551 ALUMINUM  
WINDOW WALL SYSTEM  
(WZ3) (IMPACT)

BILL OF MATERIALS  
AND COMPONENTS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

WEB: www.buildingdrops.com



| REMARKS          | BY | DATE   |
|------------------|----|--------|
| 2026 CODE CHANGE | HJ | 3.7.26 |
|                  |    |        |
|                  |    |        |
|                  |    |        |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



|          |            |
|----------|------------|
| FL #:    | FL46564    |
| DATE:    | 02.19.2024 |
| DWG. BY: | CHK. BY:   |
| SH       | HN         |
| SCALE:   | NTS        |
| DWG. #:  | ARC014     |
| SHEET:   | REV.       |
| 8        | A          |
| OF 8     |            |