

# COUNTRYSIDE GLASS & MIRROR

## ARMOR WALL TWIN SPAN CURTAIN WALL SYSTEM

### CS3000 VERSION 23 (WZ3) (IMPACT)

INSTALLATION NOTES:

- SEE SHEETS 11 - 14 FOR ANCHOR QUANTITY REQUIREMENTS AND CAPACITIES.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1 INCH FOR THROUGH FRAME INSTALLATION AND 1/4" FOR ANCHOR CLIP INSTALLATION. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1

DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2

SEE CHART ON SHEET 7 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3

CHECK MULLION CAPACITY FOR A GIVEN SPACING, HEIGHT, TWIN SPAN ON SHEET 8.
- STEP 4

USING HEAD/SILL ANCHOR DETAILS, SELECT ANCHOR OPTION FROM TABLES ON SHEETS 11 - 14 WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5

CHECK INTERMEDIATE ANCHOR CAPACITY FOR MULTIPLE SPANS USING CHARTS AND DETAILS ON SHEETS 15 THROUGH 18.
- STEP 6

THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 SHALL APPLY TO ENTIRE SYSTEM.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE, **EXCLUDING** REQUIREMENTS FOR HVHZ.
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL 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.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND THE INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITION CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- THIS PRODUCT **DOES NOT** REQUIRE IMPACT PROTECTIVE DEVICES WHEN USED IN WINDBORNE DEBRIS AREAS IN WIND ZONE 3 OR LESS.
- THIS PRODUCT **DOES** REQUIRE IMPACT PROTECTIVE DEVICES WHEN USED IN WINDBORNE DEBRIS AREAS IN WIND ZONE 4.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

| TABLE OF CONTENTS |                                                  |
|-------------------|--------------------------------------------------|
| SHEET             | SHEET DESCRIPTION                                |
| 1                 | GENERAL NOTES, INSTALLATION NOTES & INSTRUCTIONS |
| 2                 | TWIN SPAN ELEVATION                              |
| 3                 | VERTICAL SECTIONS                                |
| 4                 | HORIZONTAL SECTIONS                              |
| 5                 | HORIZONTAL SECTIONS                              |
| 6                 | HORIZONTAL SECTIONS                              |
| 7                 | GLAZING DETAILS & GLASS CAPACITY CHARTS          |
| 8                 | VERTICAL MULLION CAPACITIES                      |
| 9                 | HORIZONTAL MULLION CAPACITIES                    |
| 10                | ANCHOR SCHEDULE                                  |
| 11                | THROUGH FRAME ANCHOR CAPACITY CHARTS & DIAGRAMS  |
| 12                | THROUGH FRAME ANCHOR CAPACITY CHARTS & DIAGRAMS  |
| 13                | CLIP ANCHOR CAPACITY CHARTS & DIAGRAMS           |
| 14                | CLIP ANCHOR CAPACITY CHARTS & DIAGRAMS           |
| 15                | WIND LOAD ANCHOR DETAILS                         |
| 16                | WIND LOAD ANCHOR DETAILS                         |
| 17                | WIND LOAD ANCHOR DETAILS                         |
| 18                | WIND LOAD ANCHOR DETAILS                         |
| 19                | CONSTRUCTION DETAILS                             |
| 20                | CONSTRUCTION DETAILS                             |
| 21                | COMPONENTS & BILL OF MATERIALS                   |

Countryside  
Glass & Mirror

COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
GENERAL NOTES, INSTALLATION  
NOTES & INSTRUCTIONS

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

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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: 2024.08.20 12:57:11 -0400

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL31183

DATE:

08.20.24

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

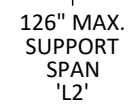
DWG. #:

CGM016

SHEET:

1

OF 21



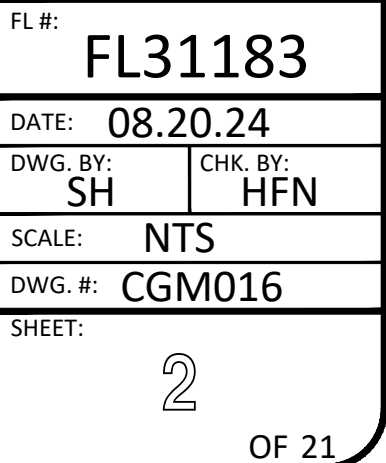
162" MAX.  
SUPPORT  
SPAN  
11'

JAMB MULL (W) = W1

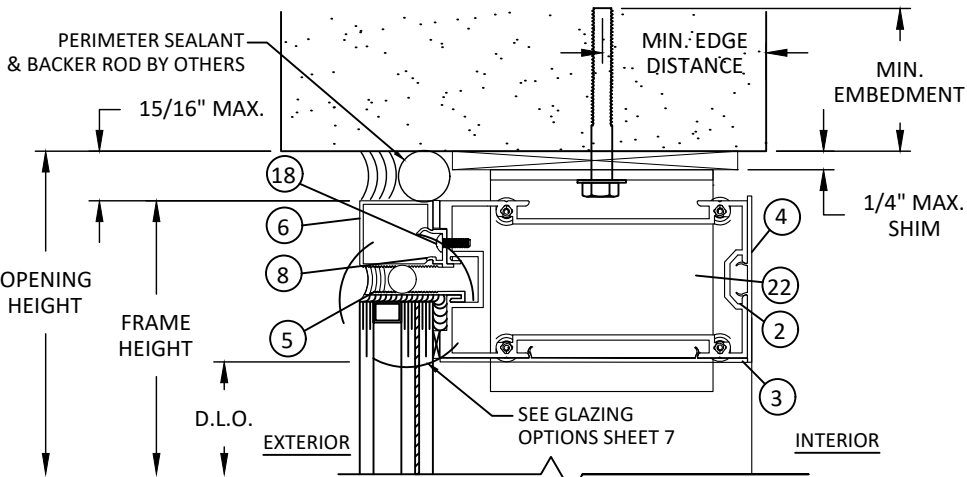
DOOR UNDER SEPARATE APPROVAL



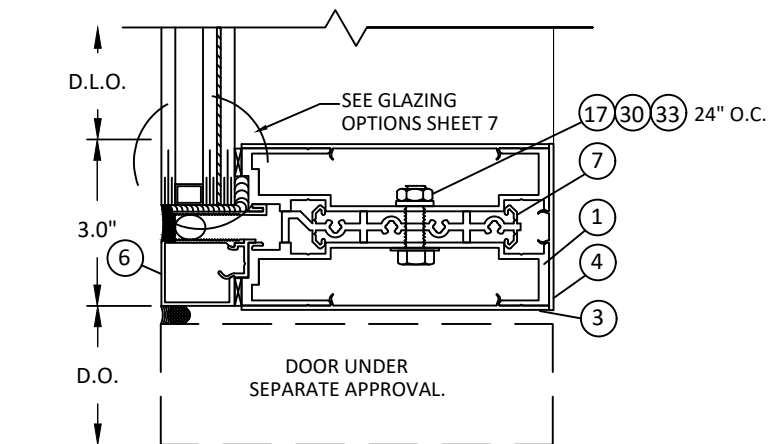
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



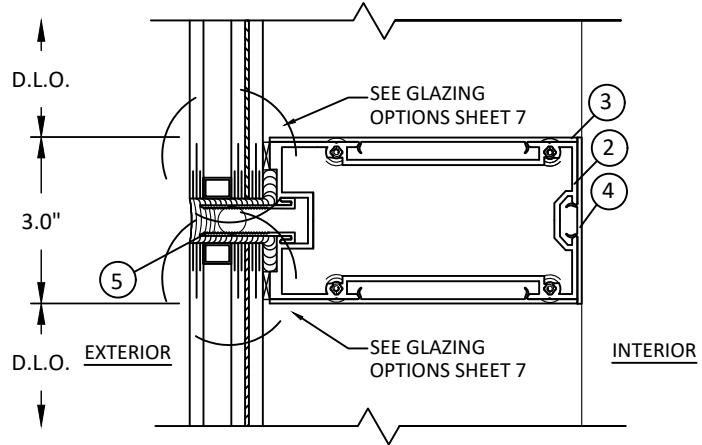
c:\users\sebastian\hereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - f131183 revision - armorwall curtain wall\dwgs\final\cgm016.dwg 8/27/2024 8:22 AM



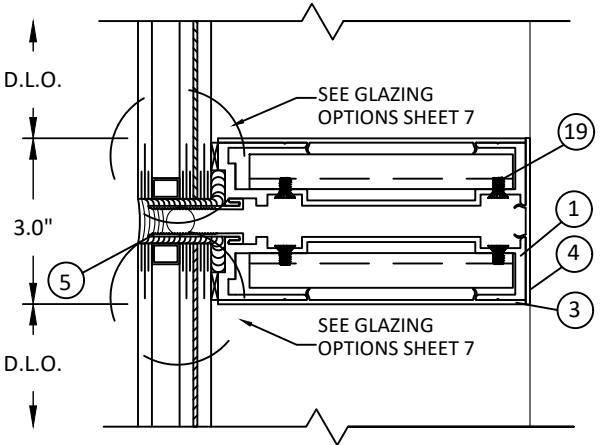
**A**  
**3** VERTICAL SECTION  
HEAD - INSULATED GLASS



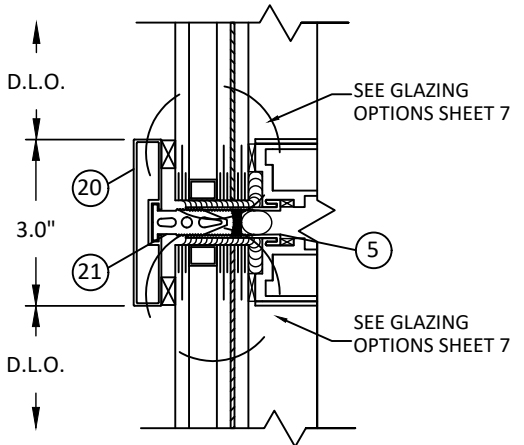
**D**  
**3** VERTICAL SECTION  
HORIZONTAL MULLION - DOOR HEAD CONNECTION - INSULATED GLASS



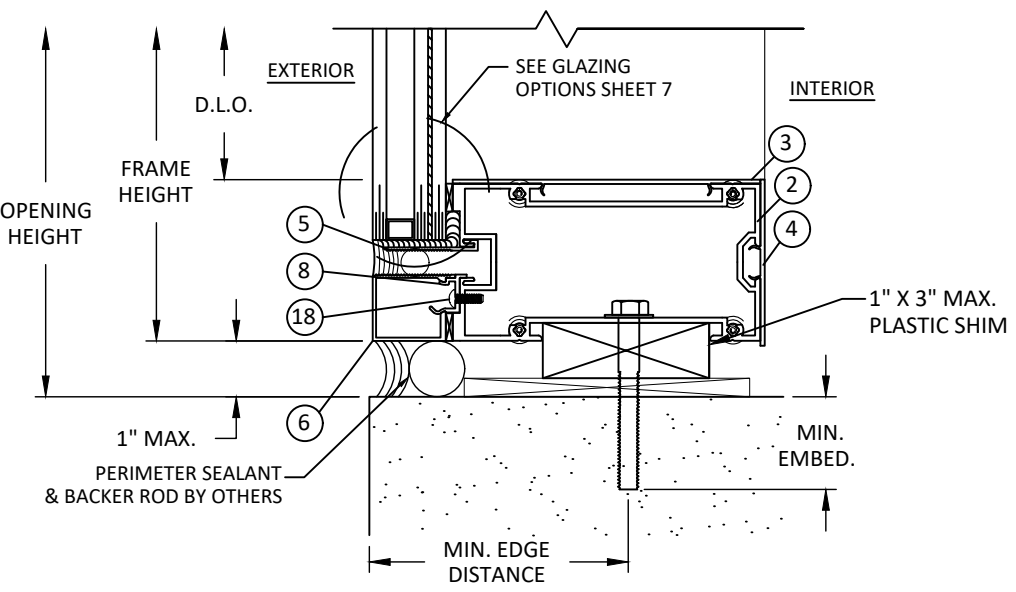
**B**  
**3** VERTICAL SECTION  
HORIZONTAL INTEGRATED MULLION - INSULATED GLASS



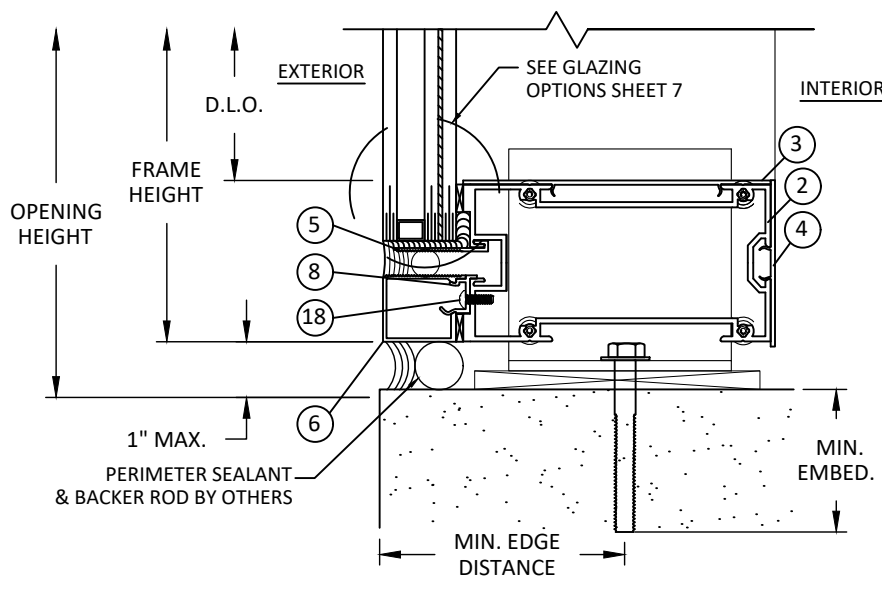
**E**  
**3** VERTICAL SECTION  
HORIZONTAL PANEL TO PANEL MULLION - INSULATED GLASS  
EXPANSION HORIZONTAL CONDITION



**OPTIONAL APPLIED CAP**



**C**  
**3** VERTICAL SECTION  
SILL - INSULATED GLASS  
ANCHORS THROUGH SILL



**F**  
**3** VERTICAL SECTION  
SILL - INSULATED GLASS  
ANCHOR CLIP

SEALANT NOTES:  
1. JOINT AT HEAD, JAMB, AND SILL IS NON-STRUCTURAL AND SHALL BE SUFFICIENT TO ALLOW PROPER WEATHERPROOFING. LARGER GAP SPACE FOR SEALING JOINT MAY BE UTILIZED SUCH THAT EVIDENCE IS SUBMITTED IN ACCORDANCE WITH SEALANT PRODUCT MANUFACTURER'S GUIDELINES & RECOMMENDATION AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

**Countryside Glass & Mirror**  
COUNTRYSIDE GLASS & MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
VERTICAL SECTIONS  
PREPARED BY: BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
PH: (954)399-8478  
FAX: (954)744-4738  
WEB: www.buildingdrops.com

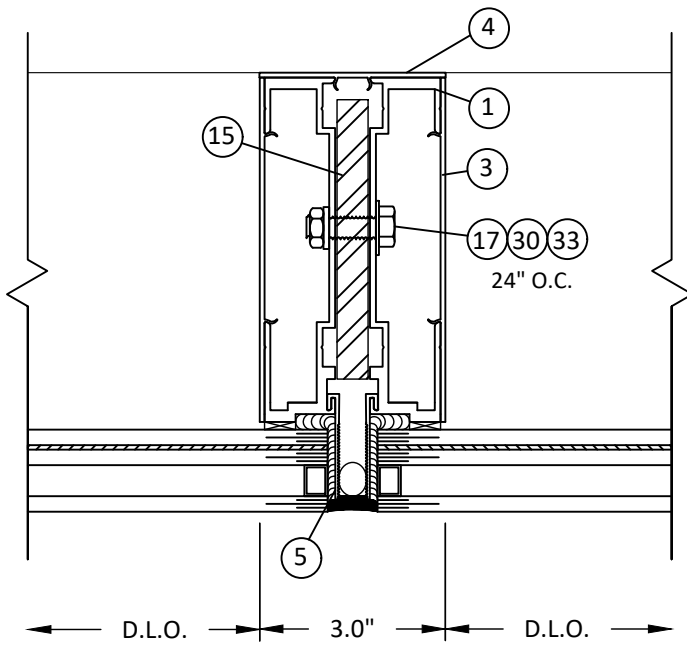
| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

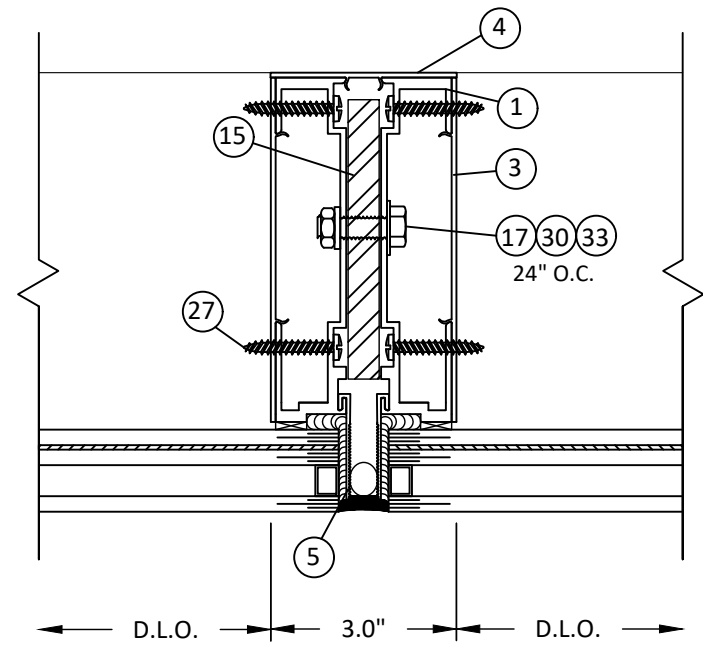
HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL31183**  
DATE: **08.20.24**  
DWG. BY: **SH** CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **CGM016**  
SHEET: **3** OF 21

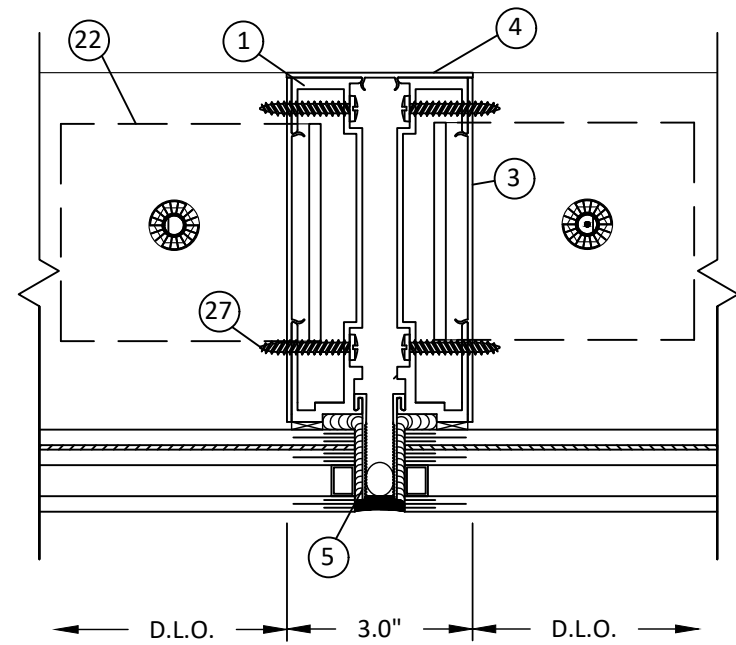
c:\users\sebastianh\documents\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg Final\cgm016.dwg 8/27/2024 8:22 AM



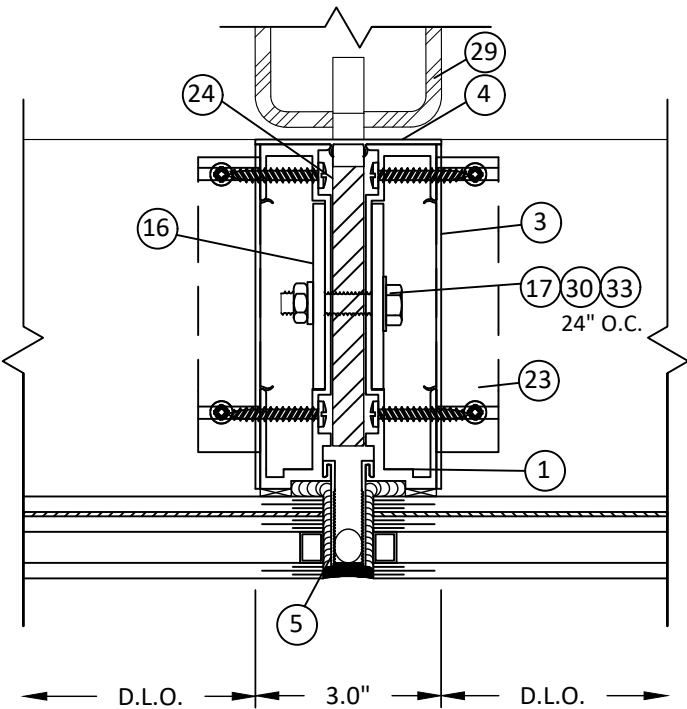
**A**  
**4** HORIZONTAL SECTION  
INTEGRATED VERTICAL INTERMEDIATE - INSULATED GLASS



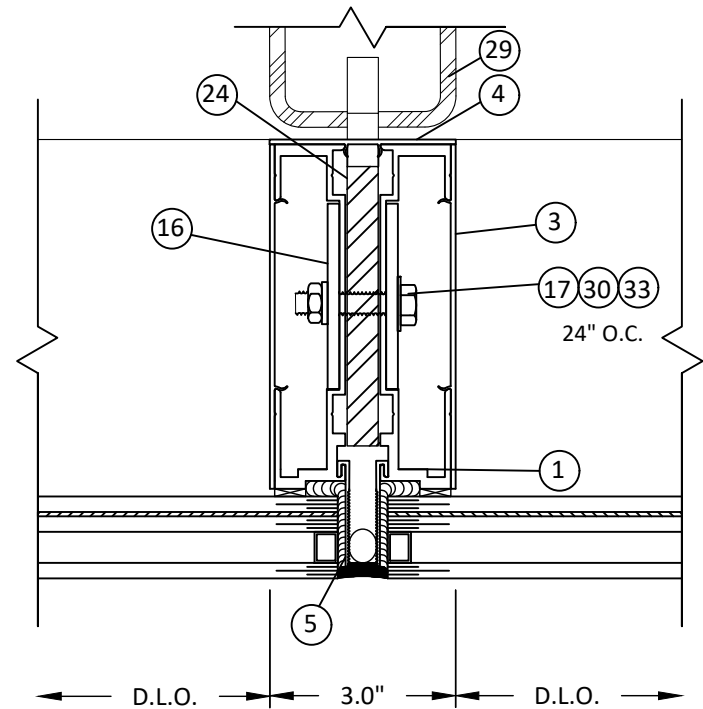
**B**  
**4** HORIZONTAL SECTION  
INTEGRATED VERTICAL INTERMEDIATE - INSULATED GLASS



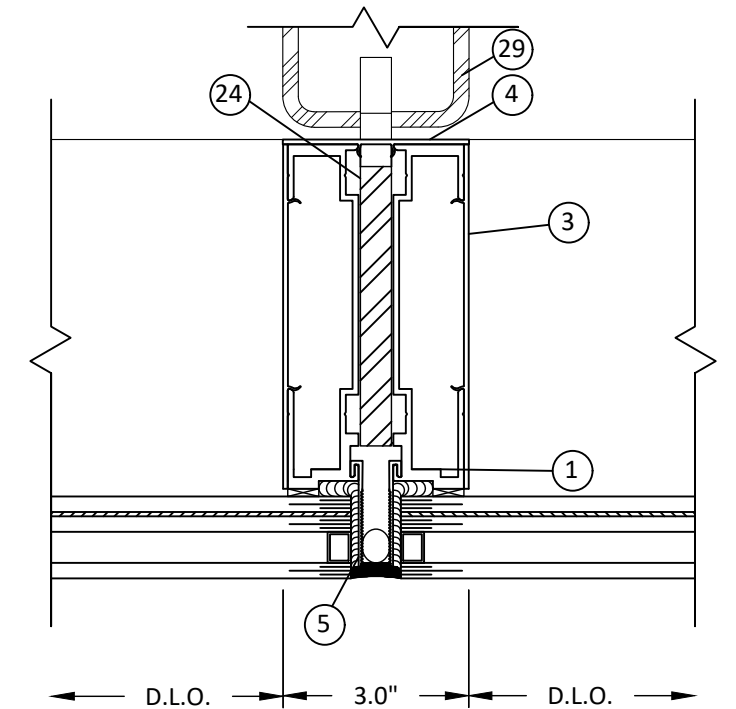
**C**  
**4** HORIZONTAL SECTION  
INTEGRATED VERTICAL INTERMEDIATE - INSULATED GLASS  
ANCHOR CLIPS



**D**  
**4** HORIZONTAL SECTION  
VERTICAL INTERMEDIATE - INSULATED GLASS  
TIE BACK ANCHOR AT PANEL TO PANEL CONNECTION



**E**  
**4** HORIZONTAL SECTION  
VERTICAL INTERMEDIATE - INSULATED GLASS  
TIE BACK ANCHOR AT SPLICE



**F**  
**4** HORIZONTAL SECTION  
VERTICAL INTERMEDIATE - INSULATED GLASS  
TIE BACK ANCHOR ABOVE SPLICE

**Countryside**  
**Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

HORIZONTAL SECTIONS

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

**BD**  
BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL31183**

DATE: 08.20.24

DWG. BY: SH  
CHK. BY: HFN

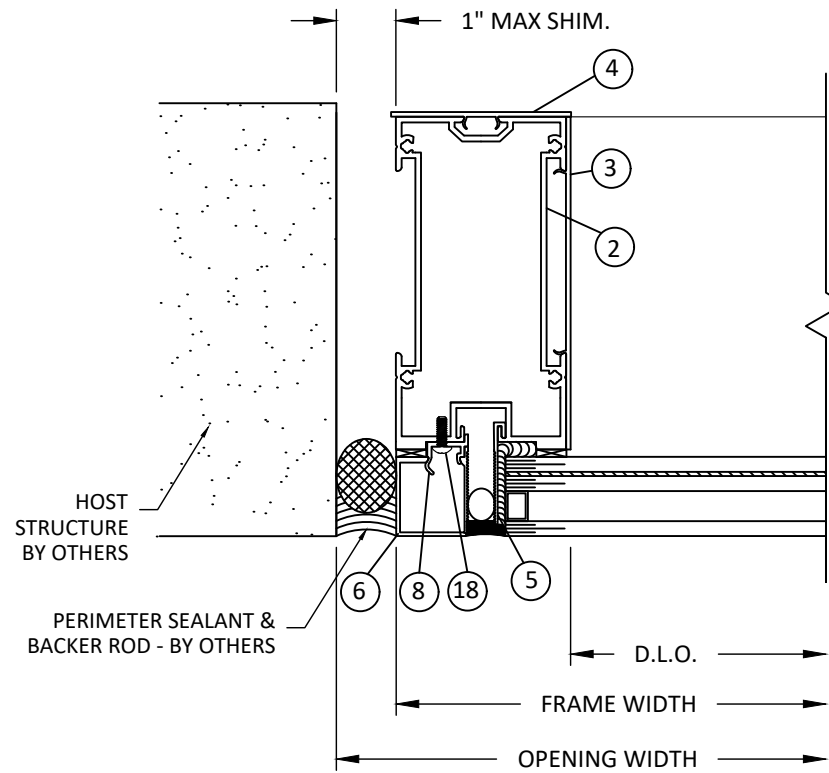
SCALE: NTS

DWG. #: CGM016

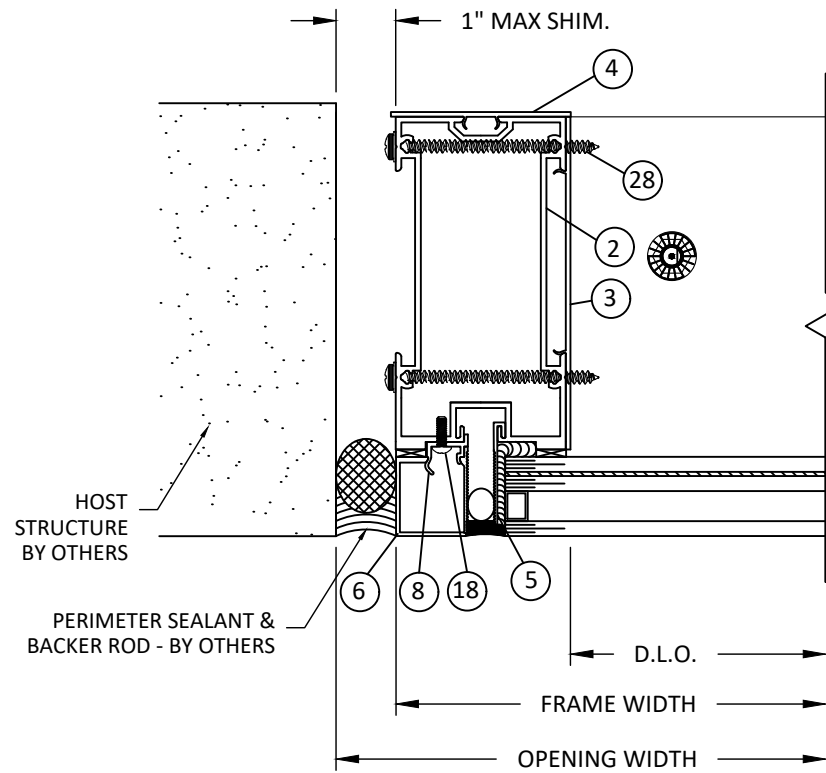
SHEET:  
**4**

OF 21

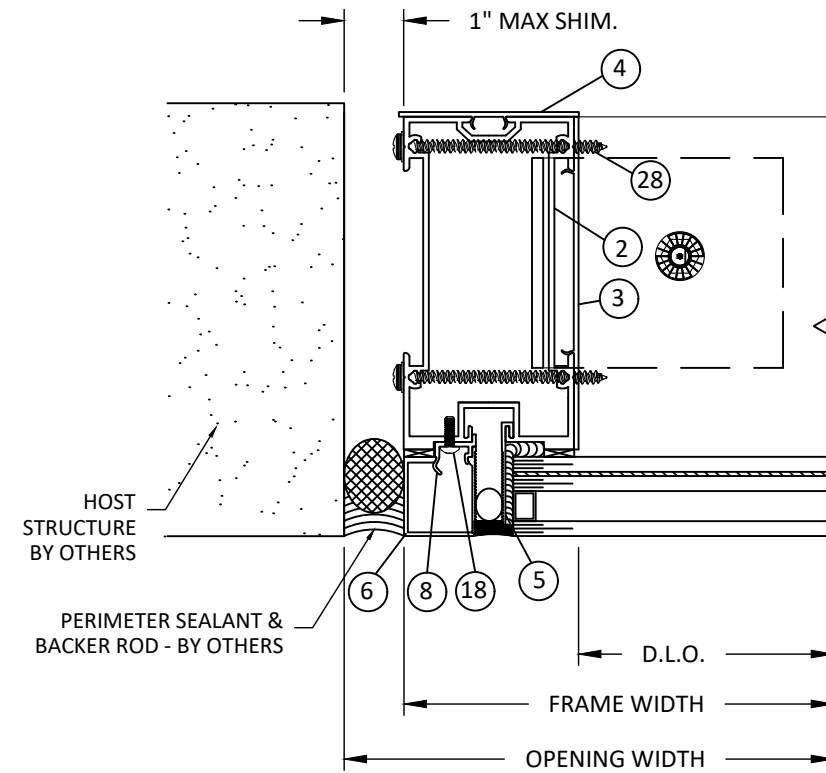
c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg  
8/27/2024 8:22 AM



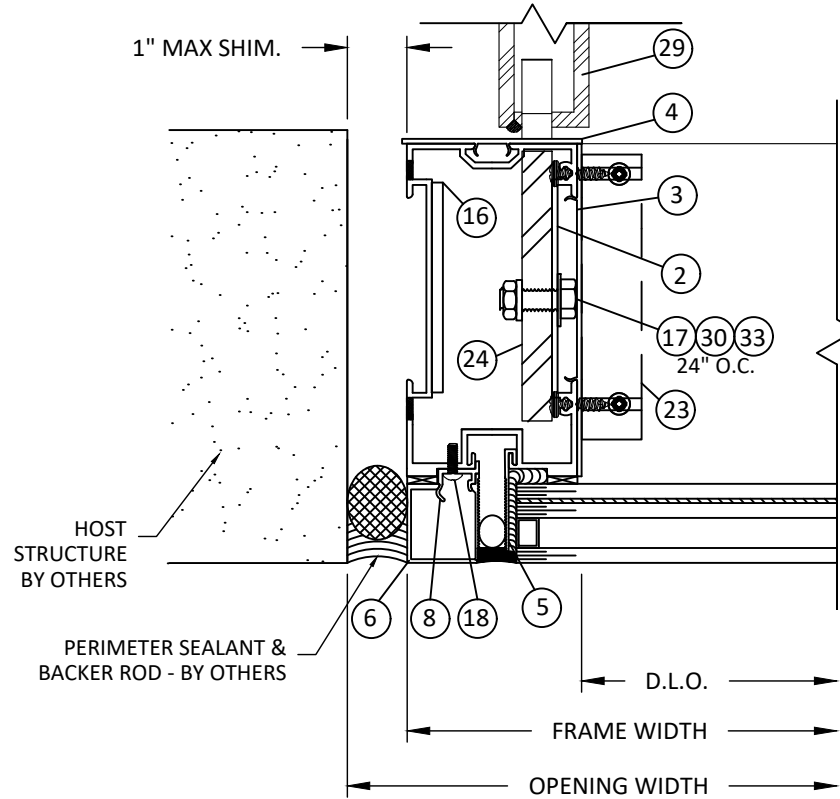
**A**  
**5** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS



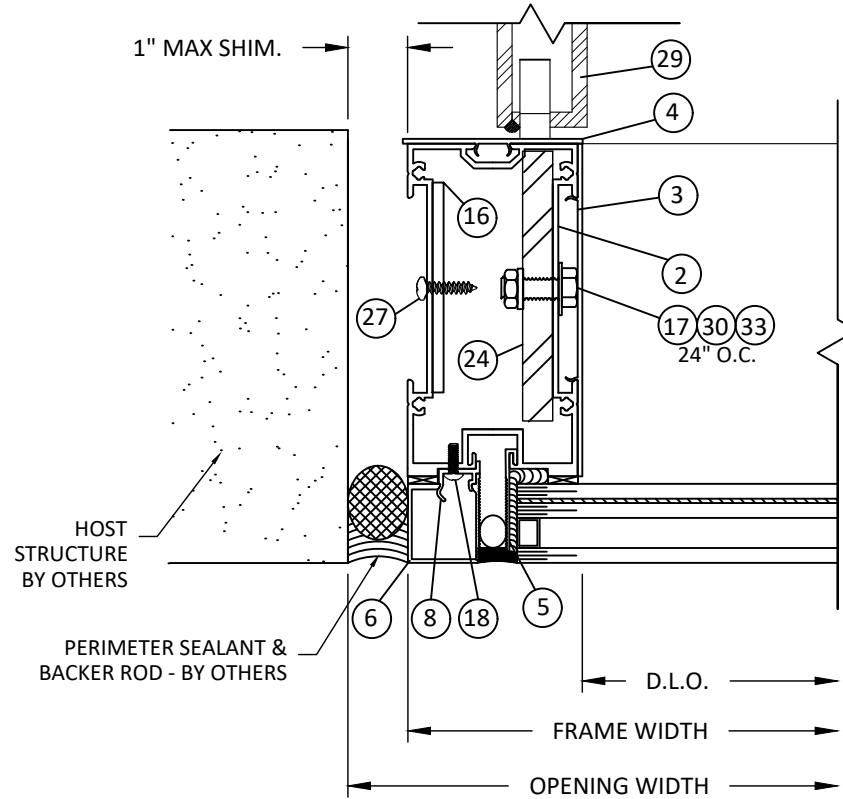
**B**  
**5** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS  
INTEGRATED HORIZONTAL CONNECTION



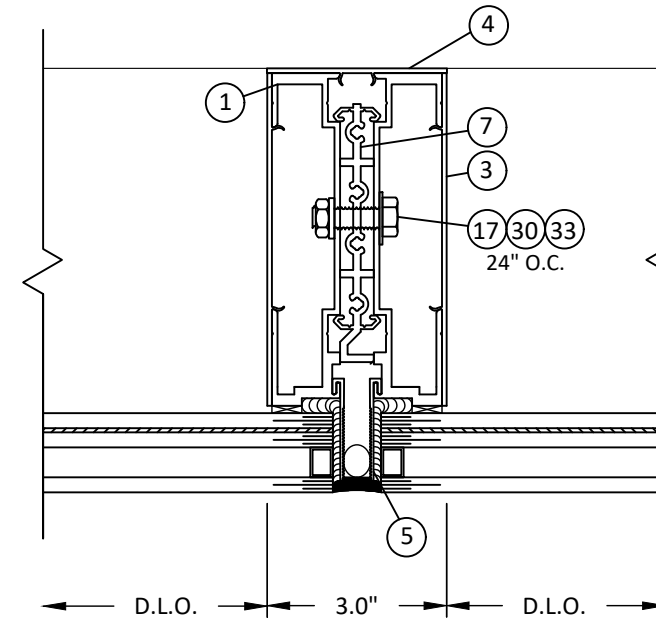
**C**  
**5** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS  
INTEGRATED HORIZONTAL CONNECTION



**D**  
**5** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS  
TIE BACK ANCHOR AT PANEL TO PANEL CONNECTION



**E**  
**5** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS  
TIE BACK ANCHOR AT SPLICE



**F**  
**5** **HORIZONTAL SECTION**  
INTEGRATED VERTICAL INTERMEDIATE - INSULATED GLASS

**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

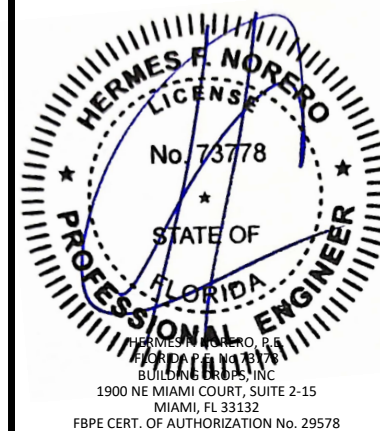
HORIZONTAL SECTIONS

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



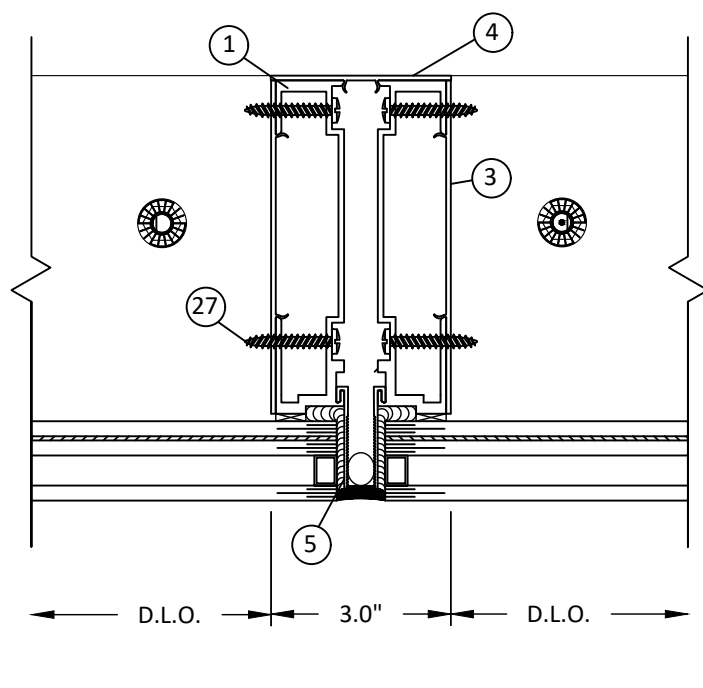
| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

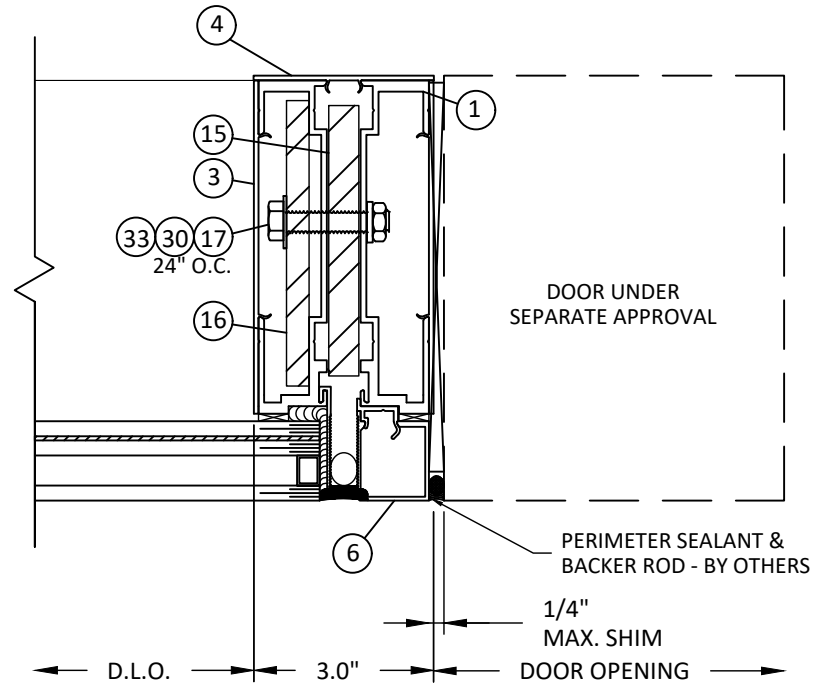


|          |                 |
|----------|-----------------|
| FL #:    | <b>FL31183</b>  |
| DATE:    | <b>08.20.24</b> |
| DWG. BY: | <b>SH</b>       |
| CHK. BY: | <b>HFN</b>      |
| SCALE:   | <b>NTS</b>      |
| DWG. #:  | <b>CGM016</b>   |
| SHEET:   | <b>5</b>        |

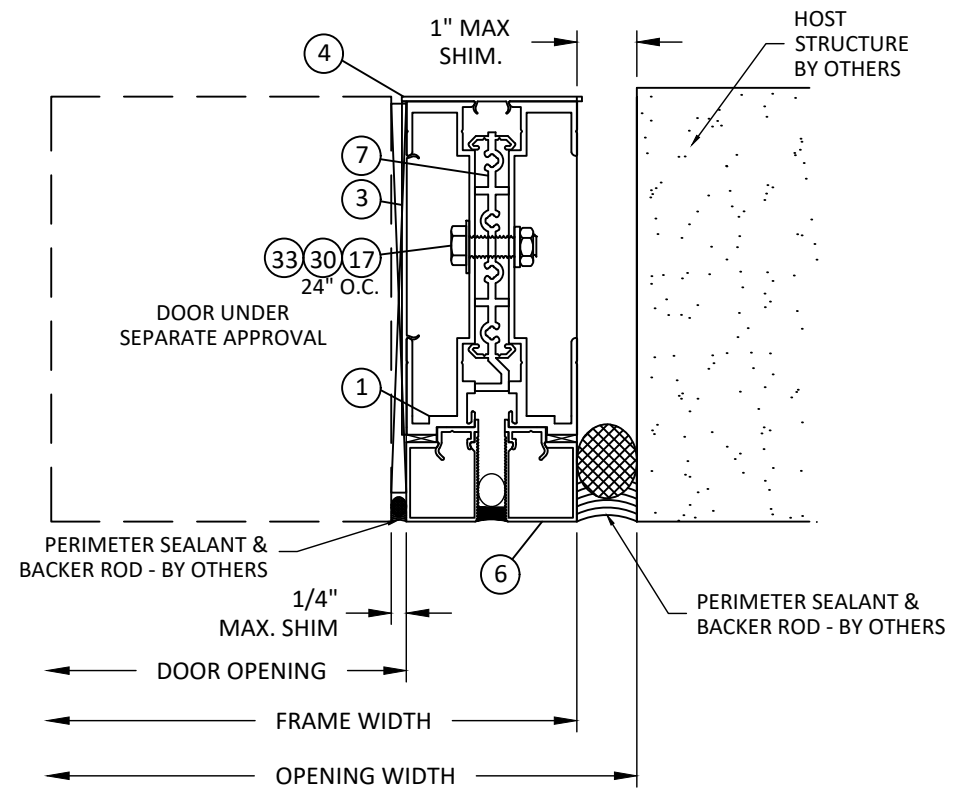
c:\users\sebastian\hereros\building drops, inc\building drops, inc\common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armor wall curtain wall.dwg  
8/27/2024 8:22 AM  
fb31183 revision - armor wall curtain wall.dwg



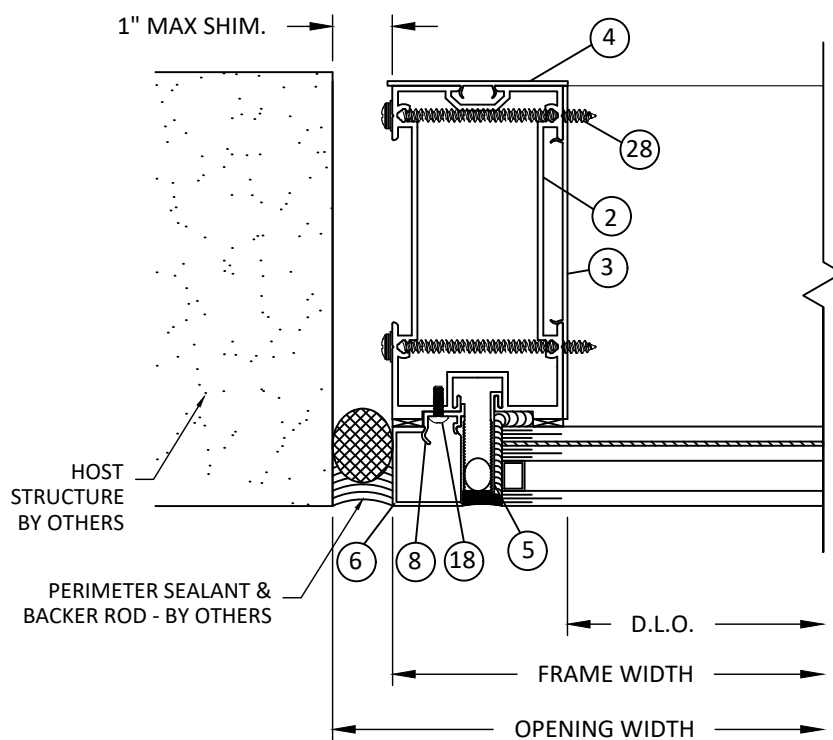
**A**  
**6** **HORIZONTAL SECTION**  
INTEGRATED VERTICAL INTERMEDIATE - INSULATED GLASS ANCHORS THROUGH SILL



**B**  
**6** **HORIZONTAL SECTION**  
VERTICAL INTERMEDIATE - DOOR CONNECTION



**C**  
**6** **HORIZONTAL SECTION**  
JAMB - DOOR CONNECTION



**D**  
**6** **HORIZONTAL SECTION**  
JAMB - INSULATED GLASS INTEGRATED HORIZONTAL CONNECTION

**Countryside**  
**Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

HORIZONTAL SECTIONS

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

**BD**  
BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

**HERMES F. NORERO**  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL31183**

DATE: **08.20.24**

DWG. BY:  
**SH**

CHK. BY:  
**HFN**

SCALE: **NTS**

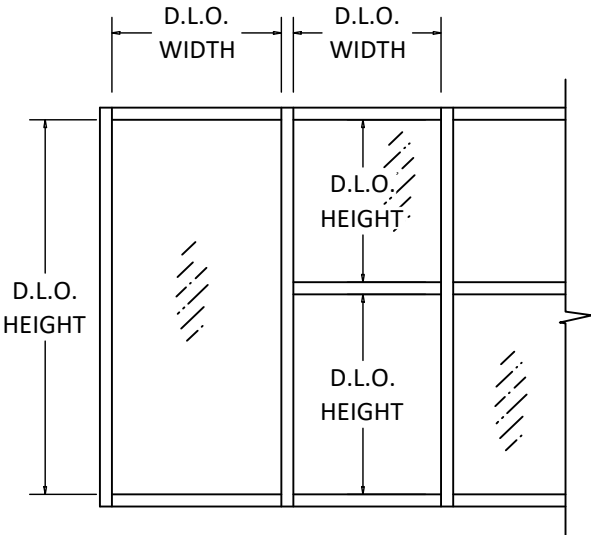
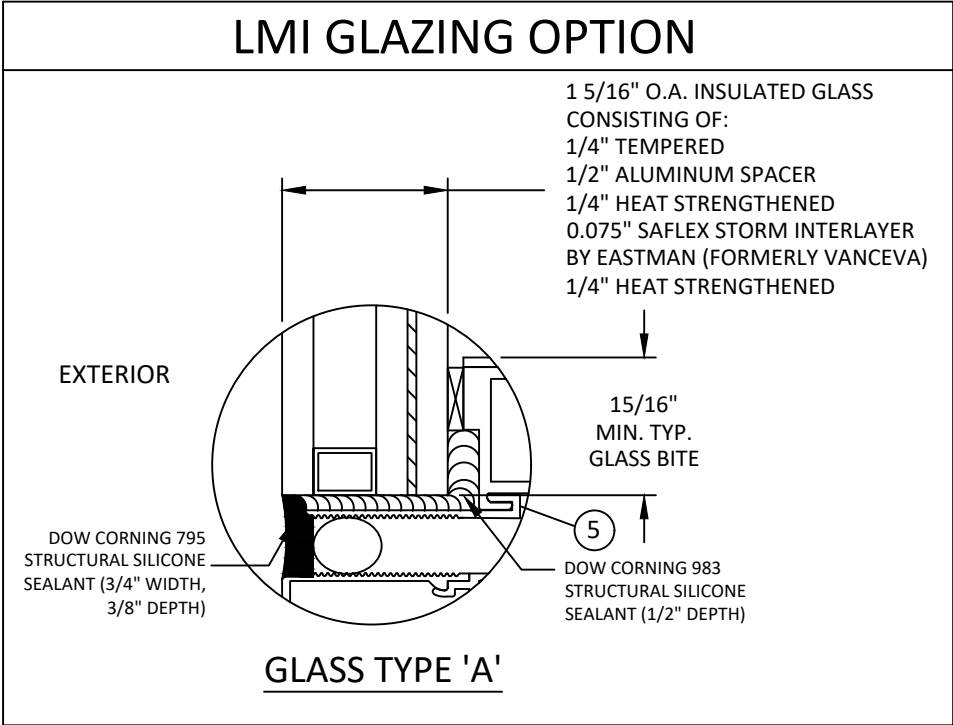
DWG. #: **CGM016**

SHEET:  
**6**

OF 21

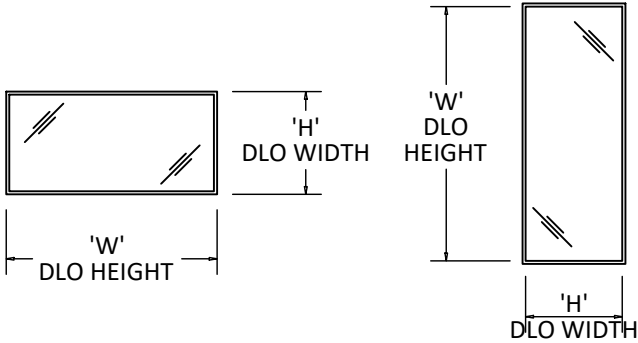
GLASS CAPACITY CHARTS

- \* NOTE:
- 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.
  - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.



PANEL DIMENSIONS

('W' ≥ 'H')



| GLASS LOAD CAPACITY (PSF)   |         |                      |
|-----------------------------|---------|----------------------|
| DAYLIGHT OPENING DIMS. (in) |         | GLASS TYPE           |
| DLO 'W'                     | DLO 'H' | 'A'                  |
|                             |         | EXT. (+)<br>INT. (-) |
| 33.0                        | 78.0    | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 63.0                        |         | 63.3                 |
| 69.0                        |         | 57.8                 |
| 75.0                        |         | 53.2                 |
| 81.0                        | 84.0    | 51.2                 |
| 33.0                        |         | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 63.0                        |         | 63.3                 |
| 69.0                        |         | 57.8                 |
| 75.0                        |         | 53.2                 |
| 33.0                        | 90.0    | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 63.0                        |         | 63.3                 |
| 69.0                        |         | 57.8                 |
| 75.0                        |         | 53.2                 |
| 33.0                        | 96.0    | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 63.0                        |         | 63.3                 |
| 69.0                        |         | 57.8                 |
| 75.0                        |         | 53.2                 |
| 33.0                        | 102.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 63.0                        |         | 63.3                 |
| 69.0                        |         | 57.8                 |
| 75.0                        |         | 53.2                 |

| GLASS LOAD CAPACITY (PSF)   |         |                      |
|-----------------------------|---------|----------------------|
| DAYLIGHT OPENING DIMS. (in) |         | GLASS TYPE           |
| DLO 'W'                     | DLO 'H' | 'A'                  |
|                             |         | EXT. (+)<br>INT. (-) |
| 33.0                        | 108.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 114.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 117.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 120.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 126.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 132.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |
| 33.0                        | 138.0   | 70.0                 |
| 39.0                        |         | 70.0                 |
| 45.0                        |         | 70.0                 |
| 51.0                        |         | 70.0                 |
| 57.0                        |         | 70.0                 |

**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
GLAZING DETAILS & GLASS  
CAPACITY CHARTS

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

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL31183**

DATE: **08.20.24**

DWG. BY: **SH** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **CGM016**

SHEET:  
**7**  
OF 21

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall\dwgs\final\cgmo16.dwg 8/27/2024 8:22 AM

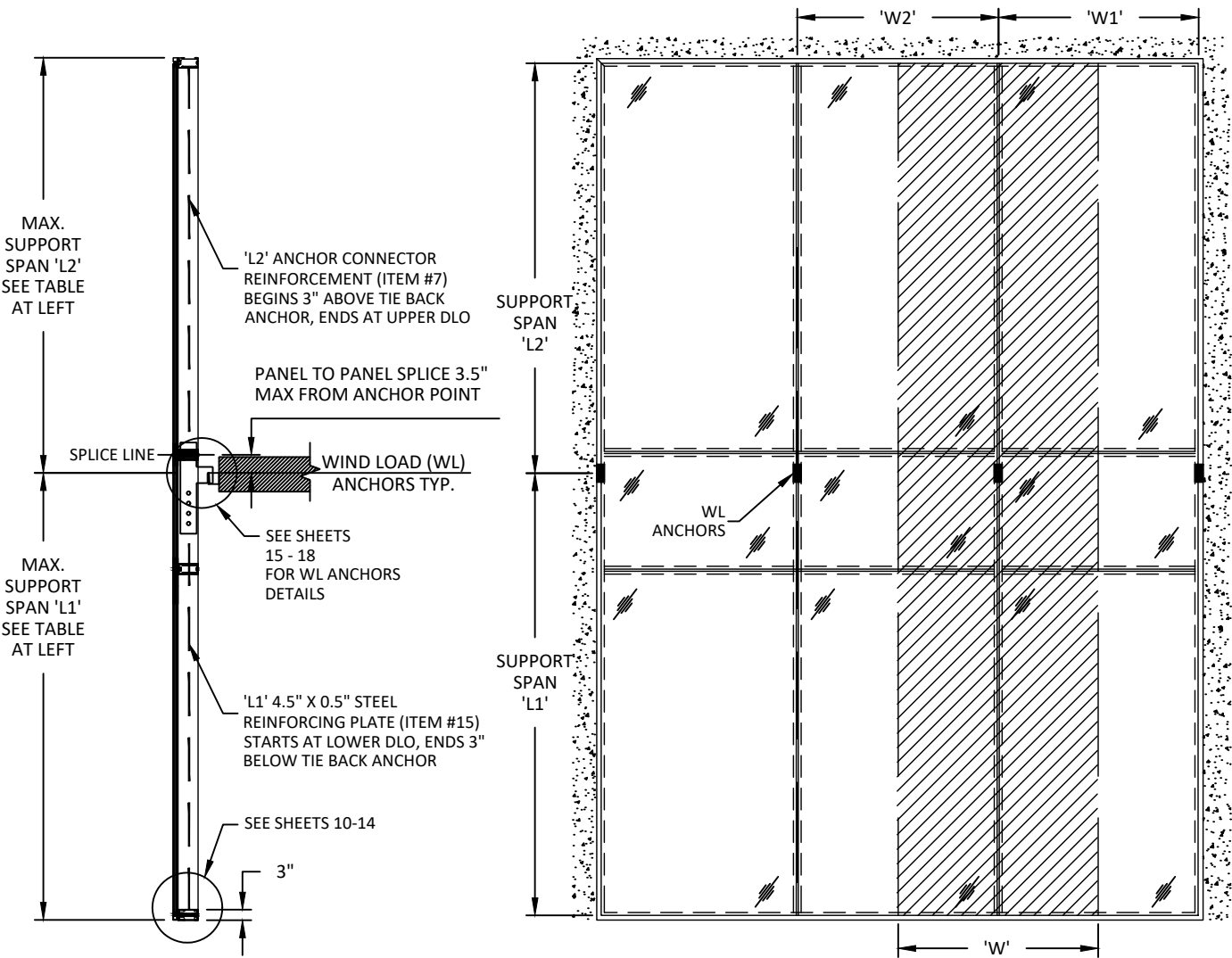
TWIN SPAN VERTICAL MULLION CAPACITIES

| MAX. TRIB. WIDTH<br>'W'<br>(IN.) | MAX. SPAN<br>'L'<br>(IN.) | L1   | L2   |
|----------------------------------|---------------------------|------|------|
| 36                               | 84                        | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |
| 54                               |                           | 70.0 | 70.0 |
| 60                               |                           | 70.0 | 70.0 |
| 66                               |                           | 70.0 | 70.0 |
| 72                               |                           | 70.0 | 70.0 |
| 78                               |                           | 70.0 | -    |
| 84                               | 90                        | 70.0 | -    |
| 36                               |                           | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |
| 54                               |                           | 70.0 | 70.0 |
| 60                               |                           | 70.0 | 70.0 |
| 66                               |                           | 70.0 | 70.0 |
| 72                               |                           | 70.0 | -    |
| 78                               | 96                        | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |
| 54                               |                           | 70.0 | 70.0 |
| 60                               |                           | 70.0 | 70.0 |
| 66                               |                           | 70.0 | -    |
| 72                               | 102                       | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |
| 54                               |                           | 70.0 | 70.0 |
| 60                               |                           | 70.0 | 70.0 |
| 66                               | 103.3                     | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |
| 54                               |                           | 70.0 | 70.0 |
| 60                               | 108                       | 70.0 | 70.0 |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 70.0 |

| MAX. TRIB. WIDTH<br>'W'<br>(IN.) | MAX. SPAN<br>'L'<br>(IN.) | L1   | L2   |
|----------------------------------|---------------------------|------|------|
| 36                               | 114                       | 70.0 | 70.0 |
| 42                               |                           | 70.0 | 70.0 |
| 48                               |                           | 70.0 | 65.1 |
| 54                               |                           | 70.0 | 57.9 |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               | 120                       | 70.0 | 70.0 |
| 36                               |                           | 70.0 | 63.8 |
| 42                               |                           | 70.0 | 55.8 |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               | 126                       | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | 48.2 |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               | 132                       | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               | 138                       | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               | 141.7                     | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               | 144                       | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               | 150                       | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               |                           | 70.0 | -    |
| 36                               | 156                       | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |
| 78                               |                           | 70.0 | -    |
| 84                               | 162                       | 70.0 | -    |
| 36                               |                           | 70.0 | -    |
| 42                               |                           | 70.0 | -    |
| 48                               |                           | 70.0 | -    |
| 54                               |                           | 70.0 | -    |
| 60                               |                           | 70.0 | -    |
| 66                               |                           | 70.0 | -    |
| 72                               |                           | 70.0 | -    |

- VERTICAL MEMBER TWIN SPAN NOTES:
1. DETAILS AT RIGHT HAVE BEEN SHOWN FOR ILLUSTRATIVE PURPOSES. FOR DETAILS OF FULL ASSEMBLY PLEASE REFER TO APPLICABLE DETAILS ON SHEETS 4-6.
  2. TABULATED DESIGN PRESSURE VALUES ARE BASED ON LIMITATIONS OF DEFLECTION, FIBERSTRESS, & END REACTION PER MULLION SPAN ('L') AND MULLION SPACING ('W').
  3. FOR SITE CONDITIONS WHICH EXCEED LIMITATIONS SHOWN, FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.

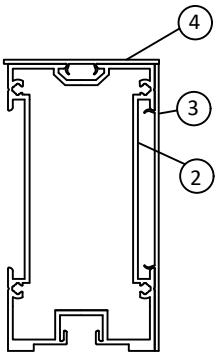
NOTE: L1 & L2 REINFORCING CRITERIA ABOVE APPLIES WHEN TIE BACK ANCHOR (ITEM #24) IS USED. WHEN WIND LOAD DETAILS SHOWN ON SHEETS 15 - 18 ARE USED, L1 STEEL REINFORCING SHALL EXTEND 7.5" ABOVE ANCHOR POINT.



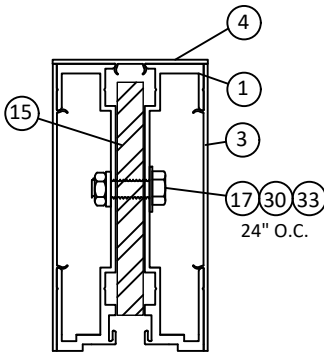
VERTICAL SECTION  
TWIN SPAN

ELEVATION

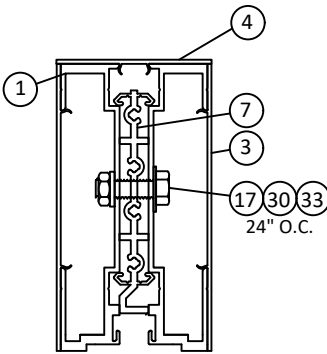
MULLION SPACING OR BAY WIDTH, 'W'  $W = \frac{W1 + W2}{2}$



L1 & L2  
JAMB



L1  
INTERMEDIATE  
NOTE: DOOR JAMB DETAIL  
B/6 SHALL USE L1 VALUES



L2  
INTERMEDIATE  
NOTE: DOOR JAMB DETAIL  
C/6 SHALL USE L2 VALUES

VERTICAL MULLIONS

**Countryside Glass & Mirror**  
COUNTRYSIDE GLASS & MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
VERTICAL MULLION CAPACITIES

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

REMARKS

BY

DATE

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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL31183

DATE:

08.20.24

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

CGM016

SHEET:

8

OF 21

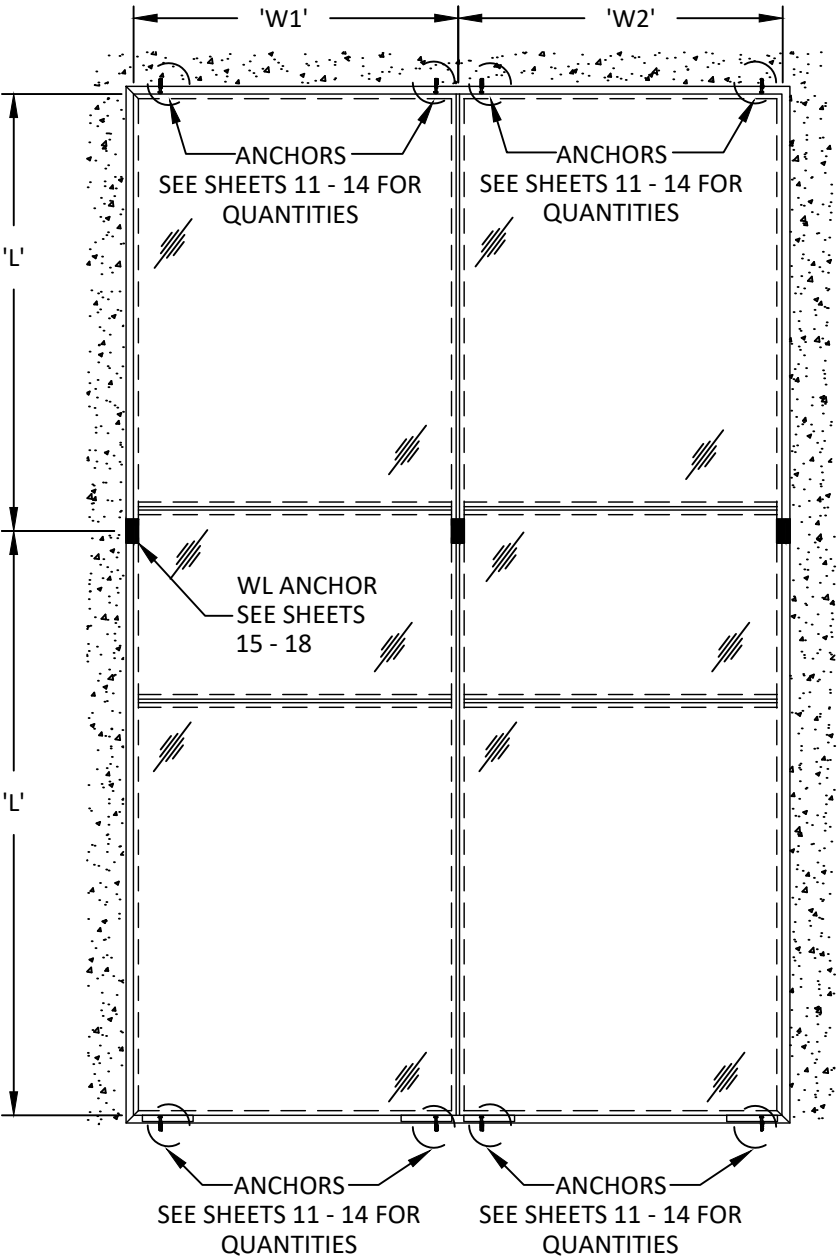


HEAD & SILL - ANCHOR TABLE

| TYPE | DIAMETER | ANCHOR TYPE                                               | SUBSTRATE                             | MIN. EDGE DISTANCE               | MIN. EMBEDMENT                                                                             |
|------|----------|-----------------------------------------------------------|---------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|
| A    | 1/2"     | DEWALT SCREW-BOLT+                                        | MIN. 4000 PSI CONCRETE                | 4-1/2"                           | 2"                                                                                         |
| B    | 1/2"     | SELF-TAPPING OR THREADED BOLT, MIN. SAE GR.5 OR ASTM A325 | MIN. 3/16" THICK A36 STEEL            | 1-1/4"                           | FOR SELF-TAPPING OR DRILL & TAPED HOLES, MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE |
| C    | 5/16"    | DEWALT DRILL-FLEX OR HILTI KWIK-FLEX SELF-DRILLING        | MIN. 12 GAUGE STEEL, MIN. Fy = 33 KSI | 3/4"                             | MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE                                          |
| D    | 1/2"     | LAG SCREW                                                 | WOOD (MIN. SG = 0.55)                 | 2"                               | 2"                                                                                         |
| E    | 3/8"     | DEWALT SCREW-BOLT+                                        | MIN. 4000 PSI CONCRETE                | THROUGH FRAME - 3" CLIP - 4-1/2" | 2"                                                                                         |
| F    | 3/8"     | SELF-TAPPING OR THREADED BOLT, MIN. SAE GR.5 OR ASTM A325 | MIN. 3/16" THICK A36 STEEL            | 1"                               | FOR SELF-TAPPING OR DRILL & TAPED HOLES, MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE |
| G    | 3/8"     | LAG SCREW                                                 | WOOD (MIN. SG = 0.55)                 | 1-1/2"                           | 2"                                                                                         |

INSTALLATION NOTES:

1. SEE SHEETS 11 - 14 FOR ANCHOR QUANTITY REQUIREMENTS AND CAPACITIES.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (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 1 INCH FOR THROUGH FRAME INSTALLATION AND 1/4" FOR ANCHOR CLIP INSTALLATION. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. 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.



TWIN SPAN ANCHOR LAYOUT

- NOTE:
1. REFER TO ANCHOR LAYOUTS ABOVE FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
2. FOR SITE CONDITIONS NOT SHOWN IN THE DETAILS HEREIN OR EDGE DISTANCE REQUIREMENTS TO BE MODIFIED, ANCHORS MAY BE ENGINEERED ON A SITE SPECIFIC BASIS.

Countryside  
Glass & Mirror

COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

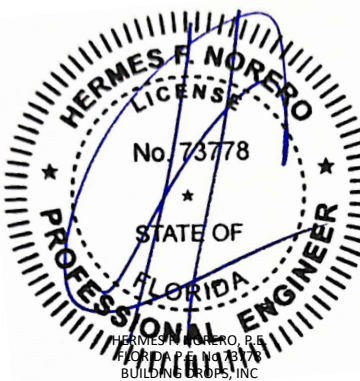
ANCHOR SCHEDULE

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

BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.



HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL31183**

DATE: **08.20.24**

DWG. BY: **SH**CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **CGM016**

SHEET:  
**10**  
OF 21

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - f31183 revision - armorwall curtain wall\dwgs\final\cgm016.dwg 8/27/2024 8:22 AM

SINGLE SPAN  
SILL - THROUGH FRAME ANCHOR CAPACITY CHARTS  
ANCHOR TYPES A - D

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |                |                |                |                |                |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE A1                                    | ANCHOR TYPE A2 | ANCHOR TYPE B1 | ANCHOR TYPE B2 | ANCHOR TYPE C1 | ANCHOR TYPE C2 | ANCHOR TYPE C3 | ANCHOR TYPE C4 | ANCHOR TYPE C5 | ANCHOR TYPE D1 | ANCHOR TYPE D2 | ANCHOR TYPE D3 | ANCHOR TYPE D4 | ANCHOR TYPE D5 |
| 36             | 84            | 70                                                | 70             | 70             | 70             | 45             | 70             | 70             | 70             | 70             | 27             | 54             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 39             | 70             | 70             | 70             | 70             | 23             | 46             | 69             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 34             | 68             | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 30             | 60             | 70             | 70             | 70             | 18             | 36             | 54             | 70             | 70             |
| 60             |               | 64                                                | 70             | 70             | 70             | 27             | 54             | 70             | 70             | 70             | 16             | 32             | 48             | 64             | 70             |
| 66             |               | 58                                                | 70             | 70             | 70             | 25             | 49             | 70             | 70             | 70             | 15             | 29             | 44             | 59             | 70             |
| 72             |               | 53                                                | 70             | 70             | 70             | 23             | 45             | 68             | 70             | 70             | 13             | 27             | 40             | 54             | 67             |
| 78             |               | 49                                                | 70             | 70             | 70             | 21             | 42             | 63             | 70             | 70             | 12             | 25             | 37             | 50             | 62             |
| 84             |               | 45                                                | 70             | 70             | 70             | 19             | 39             | 58             | 70             | 70             | 12             | 23             | 35             | 46             | 58             |
| 36             | 90            | 70                                                | 70             | 70             | 70             | 42             | 70             | 70             | 70             | 70             | 25             | 50             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 36             | 70             | 70             | 70             | 70             | 21             | 43             | 64             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 32             | 64             | 70             | 70             | 70             | 19             | 38             | 56             | 70             | 70             |
| 54             |               | 66                                                | 70             | 70             | 70             | 28             | 56             | 70             | 70             | 70             | 17             | 33             | 50             | 67             | 70             |
| 60             |               | 59                                                | 70             | 70             | 70             | 25             | 51             | 70             | 70             | 70             | 15             | 30             | 45             | 60             | 70             |
| 66             |               | 54                                                | 70             | 70             | 70             | 23             | 46             | 69             | 70             | 70             | 14             | 27             | 41             | 55             | 68             |
| 72             |               | 49                                                | 70             | 70             | 70             | 21             | 42             | 64             | 70             | 70             | 13             | 25             | 38             | 50             | 63             |
| 78             |               | 46                                                | 70             | 70             | 70             | 20             | 39             | 59             | 70             | 70             | 12             | 23             | 35             | 46             | 58             |
| 84             | 96            | 42                                                | 70             | 70             | 70             | 18             | 36             | 54             | 70             | 70             | 11             | 21             | 32             | 43             | 54             |
| 36             |               | 70                                                | 70             | 70             | 70             | 40             | 70             | 70             | 70             | 70             | 24             | 47             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 34             | 68             | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             |
| 48             |               | 69                                                | 70             | 70             | 70             | 30             | 60             | 70             | 70             | 70             | 18             | 35             | 53             | 70             | 70             |
| 54             |               | 62                                                | 70             | 70             | 70             | 26             | 53             | 70             | 70             | 70             | 16             | 31             | 47             | 63             | 70             |
| 60             |               | 56                                                | 70             | 70             | 70             | 24             | 48             | 70             | 70             | 70             | 14             | 28             | 42             | 56             | 70             |
| 66             |               | 51                                                | 70             | 70             | 70             | 22             | 43             | 65             | 70             | 70             | 13             | 26             | 38             | 51             | 64             |
| 72             |               | 46                                                | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 35             | 47             | 59             |
| 78             | 102           | 43                                                | 70             | 70             | 70             | 18             | 37             | 55             | 70             | 70             | 11             | 22             | 33             | 43             | 54             |
| 84             |               | 40                                                | 70             | 65             | 70             | 17             | 34             | 51             | 68             | 70             | 10             | 20             | 30             | 40             | 50             |
| 36             |               | 70                                                | 70             | 70             | 70             | 37             | 70             | 70             | 70             | 70             | 22             | 44             | 66             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 32             | 64             | 70             | 70             | 70             | 19             | 38             | 57             | 70             | 70             |
| 48             |               | 65                                                | 70             | 70             | 70             | 28             | 56             | 70             | 70             | 70             | 17             | 33             | 50             | 66             | 70             |
| 54             |               | 58                                                | 70             | 70             | 70             | 25             | 50             | 70             | 70             | 70             | 15             | 30             | 44             | 59             | 70             |
| 60             |               | 52                                                | 70             | 70             | 70             | 22             | 45             | 67             | 70             | 70             | 13             | 27             | 40             | 53             | 66             |
| 66             |               | 48                                                | 70             | 70             | 70             | 20             | 41             | 61             | 70             | 70             | 12             | 24             | 36             | 48             | 60             |
| 72             | 103.3         | 44                                                | 70             | 70             | 70             | 19             | 37             | 56             | 70             | 70             | 11             | 22             | 33             | 44             | 55             |
| 78             |               | 40                                                | 70             | 66             | 70             | 17             | 34             | 52             | 69             | 70             | 10             | 20             | 31             | 41             | 51             |
| 36             |               | 70                                                | 70             | 70             | 70             | 37             | 70             | 70             | 70             | 70             | 22             | 44             | 66             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 32             | 63             | 70             | 70             | 70             | 19             | 37             | 56             | 70             | 70             |
| 48             |               | 65                                                | 70             | 70             | 70             | 28             | 55             | 70             | 70             | 70             | 16             | 33             | 49             | 66             | 70             |
| 54             |               | 57                                                | 70             | 70             | 70             | 25             | 49             | 70             | 70             | 70             | 15             | 29             | 44             | 58             | 70             |
| 60             |               | 52                                                | 70             | 70             | 70             | 22             | 44             | 66             | 70             | 70             | 13             | 26             | 39             | 52             | 66             |
| 66             |               | 47                                                | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 36             | 48             | 60             |
| 72             | 108           | 43                                                | 70             | 70             | 70             | 18             | 37             | 55             | 70             | 70             | 11             | 22             | 33             | 44             | 55             |
| 78             |               | 40                                                | 70             | 65             | 70             | 17             | 34             | 51             | 68             | 70             | 10             | 20             | 30             | 40             | 50             |
| 36             |               | 70                                                | 70             | 70             | 70             | 35             | 70             | 70             | 70             | 70             | 21             | 42             | 63             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 30             | 60             | 70             | 70             | 70             | 18             | 36             | 54             | 70             | 70             |
| 48             |               | 62                                                | 70             | 70             | 70             | 26             | 53             | 70             | 70             | 70             | 16             | 31             | 47             | 63             | 70             |
| 54             |               | 55                                                | 70             | 70             | 70             | 24             | 47             | 70             | 70             | 70             | 14             | 28             | 42             | 56             | 70             |
| 60             |               | 49                                                | 70             | 70             | 70             | 21             | 42             | 64             | 70             | 70             | 13             | 25             | 38             | 50             | 63             |
| 66             |               | 45                                                | 70             | 70             | 70             | 19             | 38             | 58             | 70             | 70             | 11             | 23             | 34             | 46             | 57             |
| 72             | 78            | 41                                                | 70             | 68             | 70             | 18             | 35             | 53             | 70             | 70             | 10             | 21             | 31             | 42             | 52             |
| 78             |               | 38                                                | 70             | 62             | 70             | 16             | 33             | 49             | 65             | 70             | 10             | 19             | 29             | 39             | 48             |

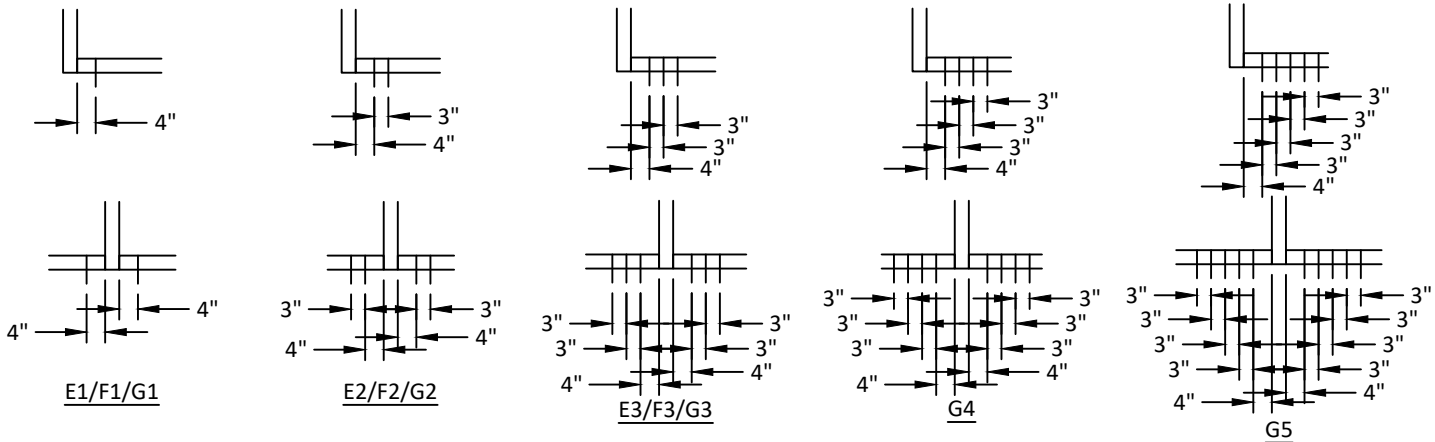
| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |                |                |                |                |                |                |                |                |    |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE A1                                    | ANCHOR TYPE A2 | ANCHOR TYPE B1 | ANCHOR TYPE B2 | ANCHOR TYPE C1 | ANCHOR TYPE C2 | ANCHOR TYPE C3 | ANCHOR TYPE C4 | ANCHOR TYPE C5 | ANCHOR TYPE D1 | ANCHOR TYPE D2 | ANCHOR TYPE D3 | ANCHOR TYPE D4 | ANCHOR TYPE D5 |    |
| 36             | 114           | 70                                                | 70             | 70             | 70             | 33             | 67             | 70             | 70             | 70             | 20             | 40             | 59             | 70             | 70             |    |
| 42             |               | 67                                                | 70             | 70             | 70             | 29             | 57             | 70             | 70             | 70             | 17             | 34             | 51             | 68             | 70             |    |
| 48             |               | 58                                                | 70             | 70             | 70             | 25             | 50             | 70             | 70             | 70             | 15             | 30             | 45             | 59             | 70             |    |
| 54             |               | 52                                                | 70             | 70             | 70             | 22             | 45             | 67             | 70             | 70             | 13             | 26             | 40             | 53             | 66             |    |
| 60             |               | 47                                                | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 36             | 48             | 59             |    |
| 66             |               | 43                                                | 70             | 70             | 70             | 18             | 36             | 55             | 70             | 70             | 11             | 22             | 32             | 43             | 54             |    |
| 72             |               | 39                                                | 70             | 64             | 70             | 17             | 33             | 50             | 67             | 70             | 10             | 20             | 30             | 40             | 49             |    |
| 36             | 120           | 70                                                | 70             | 70             | 70             | 32             | 64             | 70             | 70             | 70             | 19             | 38             | 56             | 70             | 70             |    |
| 42             |               | 64                                                | 70             | 70             | 70             | 27             | 54             | 70             | 70             | 70             | 16             | 32             | 48             | 64             | 70             |    |
| 48             |               | 56                                                | 70             | 70             | 70             | 24             | 48             | 70             | 70             | 70             | 14             | 28             | 42             | 56             | 70             |    |
| 54             |               | 49                                                | 70             | 70             | 70             | 21             | 42             | 64             | 70             | 70             | 13             | 25             | 38             | 50             | 63             |    |
| 60             |               | 44                                                | 70             | 70             | 70             | 19             | 38             | 57             | 70             | 70             | 11             | 23             | 34             | 45             | 56             |    |
| 66             |               | 40                                                | 70             | 66             | 70             | 17             | 35             | 52             | 69             | 70             | 10             | 21             | 31             | 41             | 51             |    |
| 36             |               | 126                                               | 70             | 70             | 70             | 70             | 30             | 60             | 70             | 70             | 70             | 18             | 36             | 54             | 70             | 70 |
| 42             | 60            |                                                   | 70             | 70             | 70             | 26             | 52             | 70             | 70             | 70             | 15             | 31             | 46             | 61             | 70             |    |
| 48             | 53            |                                                   | 70             | 70             | 70             | 23             | 45             | 68             | 70             | 70             | 13             | 27             | 40             | 54             | 67             |    |
| 54             | 47            |                                                   | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 36             | 48             | 60             |    |
| 60             | 42            |                                                   | 70             | 70             | 70             | 18             | 36             | 54             | 70             | 70             | 11             | 21             | 32             | 43             | 54             |    |
| 66             | 38            |                                                   | 70             | 63             | 70             | 16             | 33             | 49             | 66             | 70             | 10             | 20             | 29             | 39             | 49             |    |
| 36             | 132           |                                                   | 67             | 70             | 70             | 70             | 29             | 58             | 70             | 70             | 70             | 17             | 34             | 51             | 68             | 70 |
| 42             |               | 58                                                | 70             | 70             | 70             | 25             | 49             | 70             | 70             | 70             | 15             | 29             | 44             | 59             | 70             |    |
| 48             |               | 51                                                | 70             | 70             | 70             | 22             | 43             | 65             | 70             | 70             | 13             | 26             | 38             | 51             | 64             |    |
| 54             |               | 45                                                | 70             | 70             | 70             | 19             | 38             | 58             | 70             | 70             | 11             | 23             | 34             | 46             | 57             |    |
| 60             |               | 40                                                | 70             | 66             | 70             | 17             | 35             | 52             | 69             | 70             | 10             | 21             | 31             | 41             | 51             |    |
| 36             |               | 138                                               | 64             | 70             | 70             | 70             | 28             | 55             | 70             | 70             | 70             | 16             | 33             | 49             | 65             | 70 |
| 42             |               |                                                   | 55             | 70             | 70             | 70             | 24             | 47             | 70             | 70             | 70             | 14             | 28             | 42             | 56             | 70 |
| 48             | 48            |                                                   | 70             | 70             | 70             | 21             | 41             | 62             | 70             | 70             | 12             | 25             | 37             | 49             | 61             |    |
| 54             | 43            |                                                   | 70             | 70             | 70             | 18             | 37             | 55             | 70             | 70             | 11             | 22             | 33             | 44             | 55             |    |
| 60             | 39            |                                                   | 70             | 63             | 70             | 17             | 33             | 50             | 66             | 70             | 10             | 20             | 29             | 39             | 49             |    |
| 36             | 141.7         | 63                                                | 70             | 70             | 70             | 27             | 54             | 70             | 70             | 70             | 16             | 32             | 48             | 64             | 70             |    |
| 42             |               | 54                                                | 70             | 70             | 70             | 23             | 46             | 69             | 70             | 70             | 14             | 27             | 41             | 55             | 68             |    |
| 48             |               | 47                                                | 70             | 70             | 70             | 20             | 40             | 61             | 70             | 70             | 12             | 24             | 36             | 48             | 60             |    |
| 54             |               | 42                                                | 70             | 69             | 70             | 18             | 36             | 54             | 70             | 70             | 11             | 21             | 32             | 42             | 53             |    |
| 60             |               | 38                                                | 70             | 62             | 70             | 16             | 32             | 48             | 65             | 70             | 10             | 19             | 29             | 38             | 48             |    |
| 36             | 144           | 62                                                | 70             | 70             | 70             | 26             | 53             | 70             | 70             | 70             | 16             | 31             | 47             | 63             | 70             |    |
| 42             |               | 53                                                | 70             | 70             | 70             | 23             | 45             | 68             | 70             | 70             | 13             | 27             | 40             | 54             | 67             |    |
| 48             |               | 46                                                | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 35             | 47             | 59             |    |
| 54             |               | 41                                                | 70             | 68             | 70             | 18             | 35             | 53             | 70             | 70             | 10             | 21             | 31             | 42             | 52             |    |
| 36             |               | 150                                               | 59             | 70             | 70             | 70             | 25             | 51             | 70             | 70             | 70             | 15             | 30             | 45             | 60             | 70 |
| 42             | 51            |                                                   | 70             | 70             | 70             | 22             | 44             | 65             | 70             | 70             | 13             | 26             | 39             | 52             | 64             |    |
| 48             | 44            |                                                   | 70             | 70             | 70             | 19             | 38             | 57             | 70             | 70             | 11             | 23             | 34             | 45             | 56             |    |
| 54             | 40            |                                                   | 70             | 65             | 70             | 17             | 34             | 51             | 68             | 70             | 10             | 20             | 30             | 40             | 50             |    |
| 36             | 156           |                                                   | 57             | 70             | 70             | 70             | 24             | 49             | 70             | 70             | 70             | 14             | 29             | 43             | 58             | 70 |
| 42             |               | 49                                                | 70             | 70             | 70             | 21             | 42             | 63             | 70             | 70             | 12             | 25             | 37             | 50             | 62             |    |
| 48             |               | 43                                                | 70             | 70             | 70             | 18             | 37             | 55             | 70             | 70             | 11             | 22             | 33             | 43             | 54             |    |
| 54             |               | 38                                                | 70             | 62             | 70             | 16             | 33             | 49             | 65             | 70             | 10             | 19             | 29             | 39             | 48             |    |
| 36             |               | 162                                               | 55             | 70             | 70             | 70             | 24             | 47             | 70             | 70             | 70             | 14             | 28             | 42             | 56             | 70 |
| 42             | 47            |                                                   | 70             | 70             | 70             | 20             | 40             | 60             | 70             | 70             | 12             | 24             | 36             | 48             | 60             |    |
| 48             | 41            |                                                   | 70             | 68             | 70             | 18             | 35             | 53             | 70             | 70             | 10             | 21             | 31             | 42             | 52             |    |

c:\users\sebastianh\documents\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\cbc-23-0564 - f31183 revision - armorwall curtain wall.dwg  
8/27/2024 8:22 AM

SINGLE SPAN  
SILL - THROUGH FRAME ANCHOR CAPACITY CHARTS  
ANCHOR TYPES E - G

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |                |                |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE E1                                    | ANCHOR TYPE E2 | ANCHOR TYPE E3 | ANCHOR TYPE F1 | ANCHOR TYPE F2 | ANCHOR TYPE F3 | ANCHOR TYPE G1 | ANCHOR TYPE G2 | ANCHOR TYPE G3 | ANCHOR TYPE G4 | ANCHOR TYPE G5 |
| 36             | 84            | 67                                                | 70             | 70             | 70             | 70             | 70             | 11             | 22             | 33             | 44             | 55             |
| 42             |               | 57                                                | 70             | 70             | 66             | 70             | 70             | 9              | 19             | 28             | 37             | 47             |
| 48             |               | 50                                                | 70             | 70             | 57             | 70             | 70             | 8              | 16             | 25             | 33             | 41             |
| 54             |               | 45                                                | 70             | 70             | 51             | 70             | 70             | 7              | 15             | 22             | 29             | 36             |
| 60             |               | 40                                                | 70             | 70             | 46             | 70             | 70             | 7              | 13             | 20             | 26             | 33             |
| 66             |               | 37                                                | 70             | 70             | 42             | 70             | 70             | 6              | 12             | 18             | 24             | 30             |
| 72             |               | 34                                                | 67             | 70             | 38             | 70             | 70             | 5              | 11             | 16             | 22             | 27             |
| 78             |               | 31                                                | 62             | 70             | 35             | 70             | 70             | 5              | 10             | 15             | 20             | 25             |
| 84             |               | 29                                                | 57             | 70             | 33             | 66             | 70             | 5              | 9              | 14             | 19             | 23             |
| 36             | 90            | 63                                                | 70             | 70             | 70             | 70             | 70             | 10             | 20             | 31             | 41             | 51             |
| 42             |               | 54                                                | 70             | 70             | 61             | 70             | 70             | 9              | 17             | 26             | 35             | 44             |
| 48             |               | 47                                                | 70             | 70             | 54             | 70             | 70             | 8              | 15             | 23             | 31             | 38             |
| 54             |               | 42                                                | 70             | 70             | 48             | 70             | 70             | 7              | 14             | 20             | 27             | 34             |
| 60             |               | 38                                                | 70             | 70             | 43             | 70             | 70             | 6              | 12             | 18             | 24             | 31             |
| 66             |               | 34                                                | 68             | 70             | 39             | 70             | 70             | 6              | 11             | 17             | 22             | 28             |
| 72             |               | 31                                                | 63             | 70             | 36             | 70             | 70             | 5              | 10             | 15             | 20             | 26             |
| 78             |               | 29                                                | 58             | 70             | 33             | 66             | 70             | 5              | 9              | 14             | 19             | 24             |
| 84             |               | 27                                                | 54             | 70             | 31             | 61             | 70             | 4              | 9              | 13             | 17             | 22             |
| 36             | 96            | 59                                                | 70             | 70             | 67             | 70             | 70             | 10             | 19             | 29             | 38             | 48             |
| 42             |               | 50                                                | 70             | 70             | 57             | 70             | 70             | 8              | 16             | 25             | 33             | 41             |
| 48             |               | 44                                                | 70             | 70             | 50             | 70             | 70             | 7              | 14             | 22             | 29             | 36             |
| 54             |               | 39                                                | 70             | 70             | 45             | 70             | 70             | 6              | 13             | 19             | 26             | 32             |
| 60             |               | 35                                                | 70             | 70             | 40             | 70             | 70             | 6              | 11             | 17             | 23             | 29             |
| 66             |               | 32                                                | 64             | 70             | 37             | 70             | 70             | 5              | 10             | 16             | 21             | 26             |
| 72             |               | 29                                                | 59             | 70             | 34             | 67             | 70             | 5              | 10             | 14             | 19             | 24             |
| 78             |               | 27                                                | 54             | 70             | 31             | 62             | 70             | 4              | 9              | 13             | 18             | 22             |
| 84             |               | 25                                                | 50             | 70             | 29             | 57             | 70             | 4              | 8              | 12             | 16             | 21             |
| 36             | 102           | 55                                                | 70             | 70             | 63             | 70             | 70             | 9              | 18             | 27             | 36             | 45             |
| 42             |               | 47                                                | 70             | 70             | 54             | 70             | 70             | 8              | 15             | 23             | 31             | 39             |
| 48             |               | 41                                                | 70             | 70             | 47             | 70             | 70             | 7              | 14             | 20             | 27             | 34             |
| 54             |               | 37                                                | 70             | 70             | 42             | 70             | 70             | 6              | 12             | 18             | 24             | 30             |
| 60             |               | 33                                                | 66             | 70             | 38             | 70             | 70             | 5              | 11             | 16             | 22             | 27             |
| 66             |               | 30                                                | 60             | 70             | 34             | 69             | 70             | 5              | 10             | 15             | 20             | 25             |
| 72             |               | 28                                                | 55             | 70             | 32             | 63             | 70             | 5              | 9              | 14             | 18             | 23             |
| 78             |               | 25                                                | 51             | 70             | 29             | 58             | 70             | 4              | 8              | 12             | 17             | 21             |
| 36             |               | 55                                                | 70             | 70             | 62             | 70             | 70             | 9              | 18             | 27             | 36             | 44             |
| 42             | 103.3         | 47                                                | 70             | 70             | 53             | 70             | 70             | 8              | 15             | 23             | 30             | 38             |
| 48             |               | 41                                                | 70             | 70             | 47             | 70             | 70             | 7              | 13             | 20             | 27             | 33             |
| 54             |               | 36                                                | 70             | 70             | 42             | 70             | 70             | 6              | 12             | 18             | 24             | 30             |
| 60             |               | 33                                                | 65             | 70             | 37             | 70             | 70             | 5              | 11             | 16             | 21             | 27             |
| 66             |               | 30                                                | 59             | 70             | 34             | 68             | 70             | 5              | 10             | 15             | 19             | 24             |
| 72             |               | 27                                                | 55             | 70             | 31             | 62             | 70             | 4              | 9              | 13             | 18             | 22             |
| 78             |               | 25                                                | 50             | 70             | 29             | 58             | 70             | 4              | 8              | 12             | 16             | 21             |
| 36             |               | 52                                                | 70             | 70             | 60             | 70             | 70             | 9              | 17             | 26             | 34             | 43             |
| 42             |               | 108                                               | 45             | 70             | 70             | 51             | 70             | 70             | 7              | 15             | 22             | 29             |
| 48             | 39            |                                                   | 70             | 70             | 45             | 70             | 70             | 6              | 13             | 19             | 26             | 32             |
| 54             | 35            |                                                   | 70             | 70             | 40             | 70             | 70             | 6              | 11             | 17             | 23             | 28             |
| 60             | 31            |                                                   | 63             | 70             | 36             | 70             | 70             | 5              | 10             | 15             | 20             | 26             |
| 66             | 28            |                                                   | 57             | 70             | 33             | 65             | 70             | 5              | 9              | 14             | 19             | 23             |
| 72             | 26            |                                                   | 52             | 70             | 30             | 60             | 70             | 4              | 9              | 13             | 17             | 21             |
| 78             | 24            |                                                   | 48             | 70             | 28             | 55             | 70             | 4              | 8              | 12             | 16             | 20             |

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |                |                |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE E1                                    | ANCHOR TYPE E2 | ANCHOR TYPE E3 | ANCHOR TYPE F1 | ANCHOR TYPE F2 | ANCHOR TYPE F3 | ANCHOR TYPE G1 | ANCHOR TYPE G2 | ANCHOR TYPE G3 | ANCHOR TYPE G4 | ANCHOR TYPE G5 |
| 36             | 114           | 49                                                | 70             | 70             | 56             | 70             | 70             | 8              | 16             | 24             | 32             | 40             |
| 42             |               | 42                                                | 70             | 70             | 48             | 70             | 70             | 7              | 14             | 21             | 28             | 35             |
| 48             |               | 37                                                | 70             | 70             | 42             | 70             | 70             | 6              | 12             | 18             | 24             | 30             |
| 54             |               | 33                                                | 66             | 70             | 38             | 70             | 70             | 5              | 11             | 16             | 21             | 27             |
| 60             |               | 30                                                | 59             | 70             | 34             | 68             | 70             | 5              | 10             | 15             | 19             | 24             |
| 66             |               | 27                                                | 54             | 70             | 31             | 62             | 70             | 4              | 9              | 13             | 18             | 22             |
| 72             |               | 25                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 120           | 47                                                | 70             | 70             | 54             | 70             | 70             | 8              | 15             | 23             | 31             | 38             |
| 42             |               | 40                                                | 70             | 70             | 46             | 70             | 70             | 7              | 13             | 20             | 26             | 33             |
| 48             |               | 35                                                | 70             | 70             | 40             | 70             | 70             | 6              | 11             | 17             | 23             | 29             |
| 54             |               | 31                                                | 63             | 70             | 36             | 70             | 70             | 5              | 10             | 15             | 20             | 26             |
| 60             |               | 28                                                | 56             | 70             | 32             | 64             | 70             | 5              | 9              | 14             | 18             | 23             |
| 66             |               | 26                                                | 51             | 70             | 29             | 59             | 70             | 4              | 8              | 13             | 17             | 21             |
| 72             |               | 25                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 126           | 45                                                | 70             | 70             | 51             | 70             | 70             | 7              | 15             | 22             | 29             | 36             |
| 42             |               | 38                                                | 70             | 70             | 44             | 70             | 70             | 6              | 12             | 19             | 25             | 31             |
| 48             |               | 34                                                | 67             | 70             | 38             | 70             | 70             | 5              | 11             | 16             | 22             | 27             |
| 54             |               | 30                                                | 60             | 70             | 34             | 68             | 70             | 5              | 10             | 15             | 19             | 24             |
| 60             |               | 27                                                | 54             | 70             | 31             | 61             | 70             | 4              | 9              | 13             | 17             | 22             |
| 66             |               | 24                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 72             |               | 23                                                | 47             | 70             | 27             | 54             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 132           | 43                                                | 70             | 70             | 49             | 70             | 70             | 7              | 14             | 21             | 28             | 35             |
| 42             |               | 37                                                | 70             | 70             | 42             | 70             | 70             | 6              | 12             | 18             | 24             | 30             |
| 48             |               | 32                                                | 64             | 70             | 37             | 70             | 70             | 5              | 10             | 16             | 21             | 26             |
| 54             |               | 28                                                | 57             | 70             | 33             | 65             | 70             | 5              | 9              | 14             | 19             | 23             |
| 60             |               | 26                                                | 51             | 70             | 29             | 59             | 70             | 4              | 8              | 13             | 17             | 21             |
| 66             |               | 25                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 72             |               | 24                                                | 47             | 70             | 27             | 54             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 138           | 41                                                | 70             | 70             | 47             | 70             | 70             | 7              | 13             | 20             | 27             | 33             |
| 42             |               | 35                                                | 70             | 70             | 40             | 70             | 70             | 6              | 11             | 17             | 23             | 29             |
| 48             |               | 31                                                | 61             | 70             | 35             | 70             | 70             | 5              | 10             | 15             | 20             | 25             |
| 54             |               | 27                                                | 54             | 70             | 31             | 62             | 70             | 4              | 9              | 13             | 18             | 22             |
| 60             |               | 24                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 141.7         | 40                                                | 70             | 70             | 45             | 70             | 70             | 6              | 13             | 19             | 26             | 32             |
| 42             |               | 34                                                | 68             | 70             | 39             | 70             | 70             | 6              | 11             | 17             | 22             | 28             |
| 48             |               | 30                                                | 60             | 70             | 34             | 68             | 70             | 5              | 10             | 15             | 19             | 24             |
| 54             |               | 26                                                | 53             | 70             | 30             | 61             | 70             | 4              | 9              | 13             | 17             | 22             |
| 60             |               | 24                                                | 48             | 70             | 27             | 55             | 70             | 4              | 8              | 12             | 16             | 19             |
| 36             | 144           | 39                                                | 70             | 70             | 45             | 70             | 70             | 6              | 13             | 19             | 26             | 32             |
| 42             |               | 34                                                | 67             | 70             | 38             | 70             | 70             | 5              | 11             | 16             | 22             | 27             |
| 48             |               | 29                                                | 59             | 70             | 34             | 67             | 70             | 5              | 10             | 14             | 19             | 24             |
| 54             |               | 26                                                | 52             | 70             | 30             | 60             | 70             | 4              | 9              | 13             | 17             | 21             |
| 60             |               | 25                                                | 49             | 70             | 28             | 56             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 150           | 38                                                | 70             | 70             | 43             | 70             | 70             | 6              | 12             | 18             | 24             | 31             |
| 42             |               | 32                                                | 64             | 70             | 37             | 70             | 70             | 5              | 10             | 16             | 21             | 26             |
| 48             |               | 28                                                | 56             | 70             | 32             | 64             | 70             | 5              | 9              | 14             | 18             | 23             |
| 54             |               | 25                                                | 50             | 70             | 29             | 57             | 70             | 4              | 8              | 12             | 16             | 20             |
| 60             |               | 24                                                | 48             | 70             | 27             | 55             | 70             | 4              | 8              | 12             | 16             | 19             |
| 36             | 156           | 36                                                | 70             | 70             | 41             | 70             | 70             | 6              | 12             | 18             | 24             | 29             |
| 42             |               | 31                                                | 62             | 70             | 35             | 70             | 70             | 5              | 10             | 15             | 20             | 25             |
| 48             |               | 27                                                | 54             | 70             | 31             | 62             | 70             | 4              | 9              | 13             | 18             | 22             |
| 54             |               | 24                                                | 48             | 70             | 28             | 55             | 70             | 4              | 8              | 12             | 16             | 20             |
| 60             |               | 23                                                | 47             | 70             | 27             | 54             | 70             | 4              | 8              | 12             | 16             | 20             |
| 36             | 162           | 35                                                | 70             | 70             | 40             | 70             | 70             | 6              | 11             | 17             | 23             | 28             |
| 42             |               | 30                                                | 60             | 70             | 34             | 68             | 70             | 5              | 10             | 15             | 19             | 24             |
| 48             |               | 26                                                | 52             | 70             | 30             | 60             | 70             | 4              | 9              | 13             | 17             | 21             |



ANCHOR TYPES: SEE SHEET 10 FOR DESCRIPTION  
E1/F1/G1: (1) ANCHOR AT JAMB OR EACH SIDE OF MULLION  
E2/F2/G2: (2) ANCHORS AT JAMB OR EACH SIDE OF MULLION  
E3/F3/G3: (3) ANCHORS AT JAMB OR EACH SIDE OF MULLION  
G4: (4) ANCHORS AT JAMB OR EACH SIDE OF MULLION  
G5: (5) ANCHORS AT JAMB OR EACH SIDE OF MULLION

**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
ANCHOR LAYOUTS &  
CONSTRUCTION DETAILS

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

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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 #:  
**FL31183**  
DATE: **08.20.24**  
DWG. BY: **SH** CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **CGM016**  
SHEET:

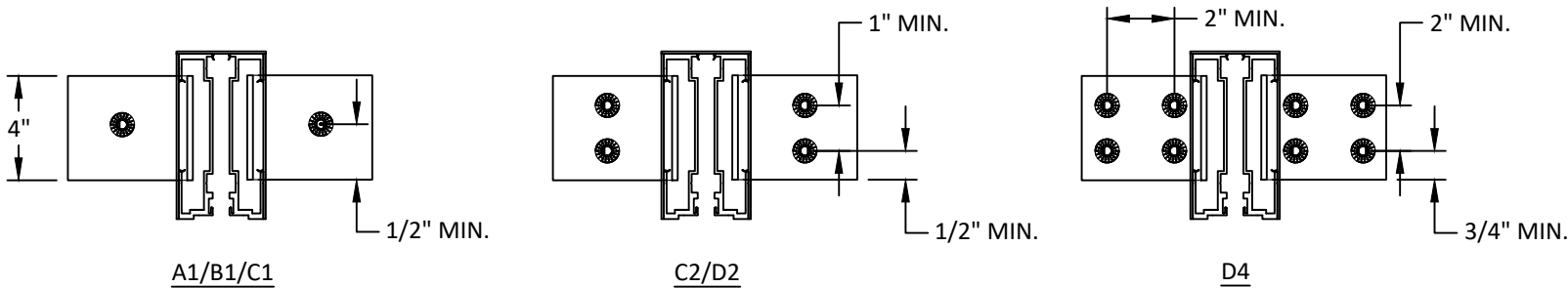
12

c:\users\sebastianherrerros\building drops, inc\building drops, inc\common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall\dwgs\final\cgm016.dwg 8/27/2024 8:22 AM

TWIN SPAN  
HEAD & SILL - ANCHOR CLIP CAPACITY CHARTS  
ANCHOR TYPES A - D

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE A1                                    | ANCHOR TYPE B1 | ANCHOR TYPE C1 | ANCHOR TYPE C2 | ANCHOR TYPE D2 | ANCHOR TYPE D4 |
| 36             | 84            | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 69             | 70             |
| 66             |               | 70                                                | 70             | 70             | 70             | 63             | 70             |
| 72             |               | 70                                                | 70             | 70             | 70             | 58             | 70             |
| 78             |               | 70                                                | 70             | 70             | 70             | 53             | 70             |
| 84             | 90            | 70                                                | 70             | 65             | 70             | 50             | 70             |
| 36             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 65             | 70             |
| 66             |               | 70                                                | 70             | 70             | 70             | 59             | 70             |
| 72             |               | 70                                                | 70             | 70             | 70             | 54             | 70             |
| 78             | 96            | 70                                                | 70             | 66             | 70             | 50             | 70             |
| 84             |               | 70                                                | 70             | 61             | 70             | 46             | 70             |
| 36             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 68             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 61             | 70             |
| 66             |               | 70                                                | 70             | 70             | 70             | 55             | 70             |
| 72             | 102           | 70                                                | 70             | 67             | 70             | 51             | 70             |
| 78             |               | 70                                                | 70             | 62             | 70             | 47             | 70             |
| 84             |               | 70                                                | 70             | 57             | 70             | 43             | 70             |
| 36             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 64             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 57             | 70             |
| 66             | 103.3         | 70                                                | 70             | 69             | 70             | 52             | 70             |
| 72             |               | 70                                                | 70             | 63             | 70             | 48             | 70             |
| 78             |               | 70                                                | 70             | 58             | 70             | 44             | 70             |
| 36             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 63             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 56             | 70             |
| 66             | 108           | 70                                                | 70             | 68             | 70             | 51             | 70             |
| 72             |               | 70                                                | 70             | 62             | 70             | 47             | 70             |
| 78             |               | 70                                                | 70             | 57             | 70             | 43             | 70             |
| 36             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 68             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 60             | 70             |
| 60             |               | 70                                                | 70             | 70             | 70             | 54             | 70             |
| 66             |               | 70                                                | 70             | 65             | 70             | 49             | 70             |
| 72             |               | 70                                                | 70             | 59             | 70             | 45             | 70             |
| 78             |               | 70                                                | 70             | 55             | 70             | 42             | 70             |

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE A1                                    | ANCHOR TYPE B1 | ANCHOR TYPE C1 | ANCHOR TYPE C2 | ANCHOR TYPE D2 | ANCHOR TYPE D4 |
| 36             | 114           | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 64             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 57             | 70             |
| 60             |               | 70                                                | 70             | 67             | 70             | 51             | 70             |
| 66             |               | 70                                                | 70             | 61             | 70             | 47             | 70             |
| 72             |               | 70                                                | 70             | 56             | 70             | 43             | 70             |
| 36             | 120           | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 69             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 61             | 70             |
| 54             |               | 70                                                | 70             | 70             | 70             | 54             | 70             |
| 60             |               | 70                                                | 70             | 64             | 70             | 49             | 70             |
| 66             |               | 70                                                | 70             | 58             | 70             | 44             | 70             |
| 36             | 126           | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 66             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 58             | 70             |
| 54             |               | 70                                                | 70             | 68             | 70             | 51             | 70             |
| 60             |               | 70                                                | 70             | 61             | 70             | 46             | 70             |
| 66             |               | 70                                                | 70             | 55             | 70             | 42             | 70             |
| 36             | 132           | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 63             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 55             | 70             |
| 54             |               | 70                                                | 70             | 65             | 70             | 49             | 70             |
| 60             |               | 70                                                | 70             | 58             | 70             | 44             | 70             |
| 36             | 138           | 70                                                | 70             | 70             | 70             | 70             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 60             | 70             |
| 48             |               | 70                                                | 70             | 70             | 70             | 53             | 70             |
| 54             |               | 70                                                | 70             | 62             | 70             | 47             | 70             |
| 60             |               | 70                                                | 70             | 56             | 70             | 42             | 70             |
| 36             | 141.7         | 70                                                | 70             | 70             | 70             | 69             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 59             | 70             |
| 48             |               | 70                                                | 70             | 68             | 70             | 51             | 70             |
| 54             |               | 70                                                | 70             | 60             | 70             | 46             | 70             |
| 60             |               | 69                                                | 70             | 54             | 70             | 41             | 70             |
| 36             | 144           | 70                                                | 70             | 70             | 70             | 68             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 58             | 70             |
| 48             |               | 70                                                | 70             | 67             | 70             | 51             | 70             |
| 54             |               | 70                                                | 70             | 59             | 70             | 45             | 70             |
| 36             | 150           | 70                                                | 70             | 70             | 70             | 65             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 56             | 70             |
| 48             |               | 70                                                | 70             | 64             | 70             | 49             | 70             |
| 54             |               | 70                                                | 70             | 57             | 70             | 43             | 70             |
| 36             | 156           | 70                                                | 70             | 70             | 70             | 62             | 70             |
| 42             |               | 70                                                | 70             | 70             | 70             | 53             | 70             |
| 48             |               | 70                                                | 70             | 62             | 70             | 47             | 70             |
| 54             |               | 70                                                | 70             | 55             | 70             | 42             | 70             |
| 36             | 162           | 70                                                | 70             | 70             | 70             | 60             | 70             |
| 42             |               | 70                                                | 70             | 68             | 70             | 51             | 70             |
| 48             |               | 70                                                | 70             | 59             | 70             | 45             | 70             |



ANCHOR TYPES: SEE SHEET 10 FOR DESCRIPTION  
A1/B1/C1: (1) ANCHOR AT JAMB OR EACH SIDE OF MULLION  
C2/D2: (2) ANCHORS AT JAMB OR EACH SIDE OF MULLION  
D4: (4) ANCHORS AT JAMB OR EACH SIDE OF MULLION

Countryside  
Glass & Mirror  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
ANCHOR CAPACITY CHARTS &  
DIAGRAMS

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

BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
FL31183

DATE: 08.20.24

DWG. BY: SH  
CHK. BY: HFN

SCALE: NTS

DWG. #: CGM016

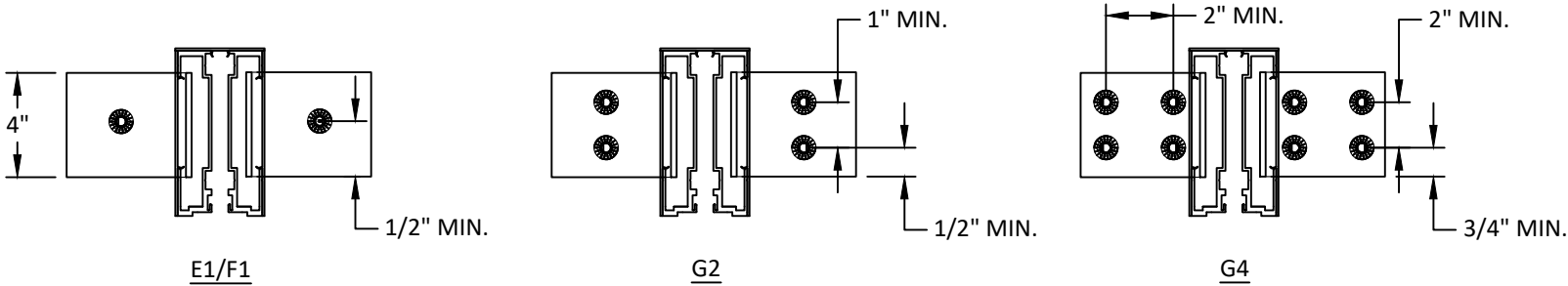
SHEET:  
13  
OF 21

c:\users\sebastianhereros\building drops, inc\building drops, inc\building drops, inc\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg Final\cgm016.dwg 8/27/2024 8:22 AM

TWIN SPAN  
HEAD & SILL - ANCHOR CLIP CAPACITY CHARTS  
ANCHOR TYPES E - G

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE E1                                    | ANCHOR TYPE F1 | ANCHOR TYPE G2 | ANCHOR TYPE G4 |
| 36             | 84            | 70                                                | 70             | 62             | 70             |
| 42             |               | 70                                                | 70             | 53             | 70             |
| 48             |               | 70                                                | 70             | 47             | 70             |
| 54             |               | 70                                                | 70             | 41             | 70             |
| 60             |               | 70                                                | 70             | 37             | 70             |
| 66             |               | 70                                                | 70             | 34             | 68             |
| 72             |               | 70                                                | 70             | 31             | 62             |
| 78             |               | 70                                                | 70             | 29             | 57             |
| 84             | 90            | 70                                                | 70             | 27             | 53             |
| 36             |               | 70                                                | 70             | 58             | 70             |
| 42             |               | 70                                                | 70             | 50             | 70             |
| 48             |               | 70                                                | 70             | 44             | 70             |
| 54             |               | 70                                                | 70             | 39             | 70             |
| 60             |               | 70                                                | 70             | 35             | 70             |
| 66             |               | 70                                                | 70             | 32             | 63             |
| 72             |               | 70                                                | 70             | 29             | 58             |
| 78             | 96            | 70                                                | 70             | 27             | 54             |
| 84             |               | 70                                                | 70             | 25             | 50             |
| 36             |               | 70                                                | 70             | 54             | 70             |
| 42             |               | 70                                                | 70             | 47             | 70             |
| 48             |               | 70                                                | 70             | 41             | 70             |
| 54             |               | 70                                                | 70             | 36             | 70             |
| 60             |               | 70                                                | 70             | 33             | 65             |
| 66             |               | 70                                                | 70             | 30             | 59             |
| 72             | 102           | 70                                                | 70             | 27             | 54             |
| 78             |               | 70                                                | 70             | 25             | 50             |
| 84             |               | 70                                                | 70             | 23             | 47             |
| 36             |               | 70                                                | 70             | 51             | 70             |
| 42             |               | 70                                                | 70             | 44             | 70             |
| 48             |               | 70                                                | 70             | 38             | 70             |
| 54             |               | 70                                                | 70             | 34             | 68             |
| 60             |               | 70                                                | 70             | 31             | 61             |
| 66             | 103.3         | 70                                                | 70             | 28             | 56             |
| 72             |               | 70                                                | 70             | 26             | 51             |
| 78             |               | 70                                                | 70             | 24             | 47             |
| 36             |               | 70                                                | 70             | 51             | 70             |
| 42             |               | 70                                                | 70             | 43             | 70             |
| 48             |               | 70                                                | 70             | 38             | 70             |
| 54             |               | 70                                                | 70             | 34             | 67             |
| 60             |               | 70                                                | 70             | 30             | 61             |
| 66             | 108           | 70                                                | 70             | 28             | 55             |
| 72             |               | 70                                                | 70             | 25             | 51             |
| 78             |               | 70                                                | 70             | 23             | 47             |
| 36             |               | 70                                                | 70             | 48             | 70             |
| 42             |               | 70                                                | 70             | 41             | 70             |
| 48             |               | 70                                                | 70             | 36             | 70             |
| 54             |               | 70                                                | 70             | 32             | 64             |
| 60             |               | 70                                                | 70             | 29             | 58             |
| 66             |               | 70                                                | 70             | 26             | 53             |
| 72             |               | 70                                                | 70             | 24             | 48             |
| 78             |               | 70                                                | 70             | 22             | 45             |

| TRIBUTARY SIZE |               | MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF) |                |                |                |
|----------------|---------------|---------------------------------------------------|----------------|----------------|----------------|
| MAX. WIDTH 'W' | MAX. SPAN 'L' | ANCHOR TYPE E1                                    | ANCHOR TYPE F1 | ANCHOR TYPE G2 | ANCHOR TYPE G4 |
| 36             | 114           | 70                                                | 70             | 46             | 70             |
| 42             |               | 70                                                | 70             | 39             | 70             |
| 48             |               | 70                                                | 70             | 34             | 69             |
| 54             |               | 70                                                | 70             | 31             | 61             |
| 60             |               | 70                                                | 70             | 27             | 55             |
| 66             |               | 70                                                | 70             | 25             | 50             |
| 72             |               | 70                                                | 70             | 23             | 46             |
| 36             | 120           | 70                                                | 70             | 44             | 70             |
| 42             |               | 70                                                | 70             | 37             | 70             |
| 48             |               | 70                                                | 70             | 33             | 65             |
| 54             |               | 70                                                | 70             | 29             | 58             |
| 60             |               | 70                                                | 70             | 26             | 52             |
| 66             |               | 70                                                | 70             | 24             | 47             |
| 72             |               | 70                                                | 70             | 23             | 45             |
| 36             | 126           | 70                                                | 70             | 40             | 70             |
| 42             |               | 70                                                | 70             | 34             | 68             |
| 48             |               | 70                                                | 70             | 30             | 59             |
| 54             |               | 70                                                | 70             | 26             | 53             |
| 60             |               | 70                                                | 70             | 24             | 47             |
| 66             |               | 70                                                | 70             | 23             | 45             |
| 72             |               | 70                                                | 70             | 23             | 45             |
| 36             | 132           | 70                                                | 70             | 37             | 70             |
| 42             |               | 70                                                | 70             | 32             | 65             |
| 48             |               | 70                                                | 70             | 28             | 55             |
| 54             |               | 70                                                | 70             | 25             | 50             |
| 60             |               | 70                                                | 70             | 23             | 45             |
| 66             |               | 70                                                | 70             | 23             | 45             |
| 72             |               | 70                                                | 70             | 23             | 45             |
| 36             | 138           | 70                                                | 70             | 36             | 70             |
| 42             |               | 70                                                | 70             | 31             | 62             |
| 48             |               | 70                                                | 70             | 28             | 57             |
| 54             |               | 70                                                | 70             | 25             | 50             |
| 60             |               | 70                                                | 70             | 23             | 45             |
| 66             |               | 70                                                | 70             | 23             | 45             |
| 72             |               | 70                                                | 70             | 23             | 45             |
| 36             | 141.7         | 70                                                | 70             | 37             | 70             |
| 42             |               | 70                                                | 70             | 32             | 63             |
| 48             |               | 70                                                | 70             | 28             | 55             |
| 54             |               | 70                                                | 70             | 25             | 49             |
| 60             |               | 70                                                | 70             | 22             | 44             |
| 66             |               | 70                                                | 70             | 22             | 44             |
| 72             |               | 70                                                | 70             | 22             | 44             |
| 36             | 144           | 70                                                | 70             | 36             | 70             |
| 42             |               | 70                                                | 70             | 31             | 62             |
| 48             |               | 70                                                | 70             | 27             | 54             |
| 54             |               | 70                                                | 70             | 24             | 48             |
| 60             |               | 70                                                | 70             | 23             | 46             |
| 66             |               | 70                                                | 70             | 23             | 46             |
| 72             |               | 70                                                | 70             | 23             | 46             |
| 36             | 150           | 70                                                | 70             | 33             | 67             |
| 42             |               | 70                                                | 70             | 29             | 57             |
| 48             |               | 70                                                | 70             | 25             | 50             |
| 54             |               | 70                                                | 70             | 22             | 45             |
| 60             |               | 70                                                | 70             | 22             | 45             |
| 66             |               | 70                                                | 70             | 22             | 45             |
| 72             |               | 70                                                | 70             | 22             | 45             |
| 36             | 156           | 70                                                | 70             | 32             | 64             |
| 42             |               | 70                                                | 70             | 28             | 55             |
| 48             |               | 70                                                | 70             | 24             | 48             |
| 54             |               | 70                                                | 70             | 21             | 43             |
| 60             |               | 70                                                | 70             | 19             | 39             |
| 66             |               | 70                                                | 70             | 18             | 37             |
| 72             |               | 70                                                | 70             | 17             | 35             |
| 36             | 162           | 70                                                | 70             | 24             | 48             |
| 48             |               | 70                                                | 70             | 24             | 48             |



ANCHOR TYPES: SEE SHEET 10 FOR DESCRIPTION  
E1/F1: (1) ANCHOR AT JAMB OR EACH SIDE OF MULLION  
G2: (2) ANCHORS AT JAMB OR EACH SIDE OF MULLION  
G4: (4) ANCHORS AT JAMB OR EACH SIDE OF MULLION

Countryside  
Glass & Mirror  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
ANCHOR CAPACITY CHARTS &  
DIAGRAMS

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

B.D.  
BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HERE IN 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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
FL31183

DATE: 08.20.24

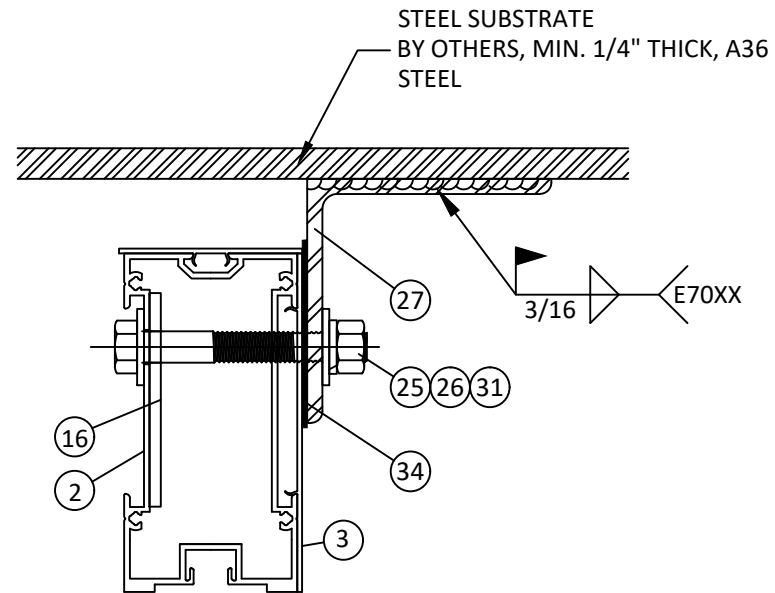
DWG. BY: SH  
CHK. BY: HFN

SCALE: NTS

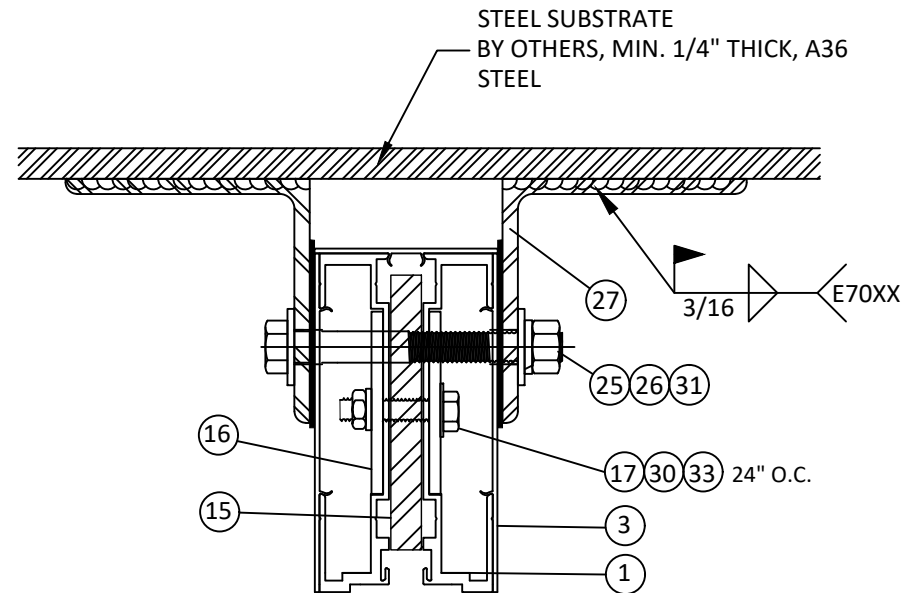
DWG. #: CGM016

SHEET:  
14  
OF 21

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg  
8/27/2024 8:22 AM  
c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg

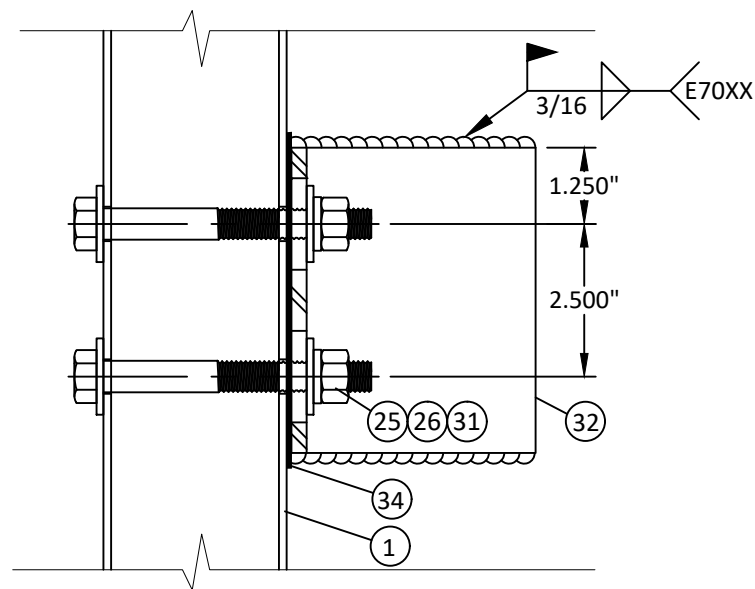


**A**  
**15** **HORIZONTAL SECTION**  
WIND LOAD ANCHOR  
AT JAMB

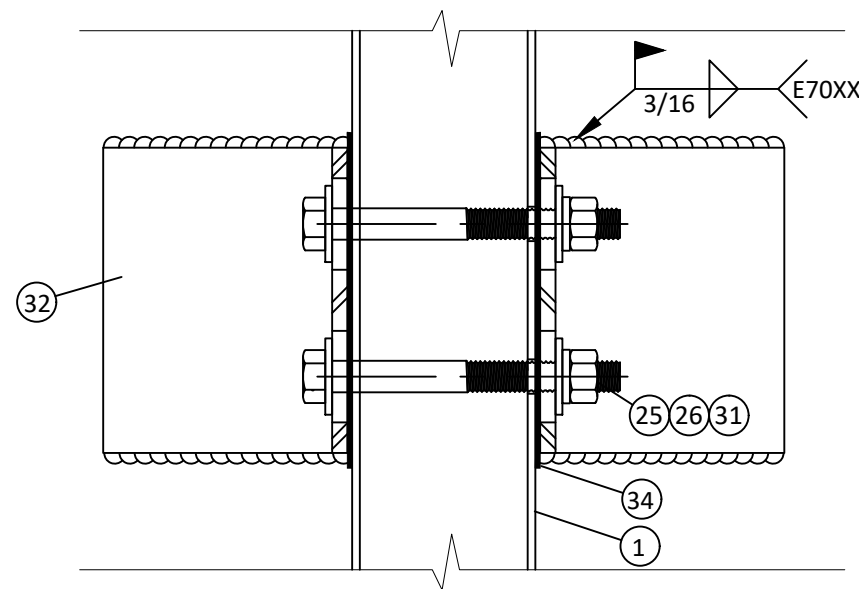


**B**  
**15** **HORIZONTAL SECTION**  
WIND LOAD ANCHOR  
AT VERTICAL MULLION

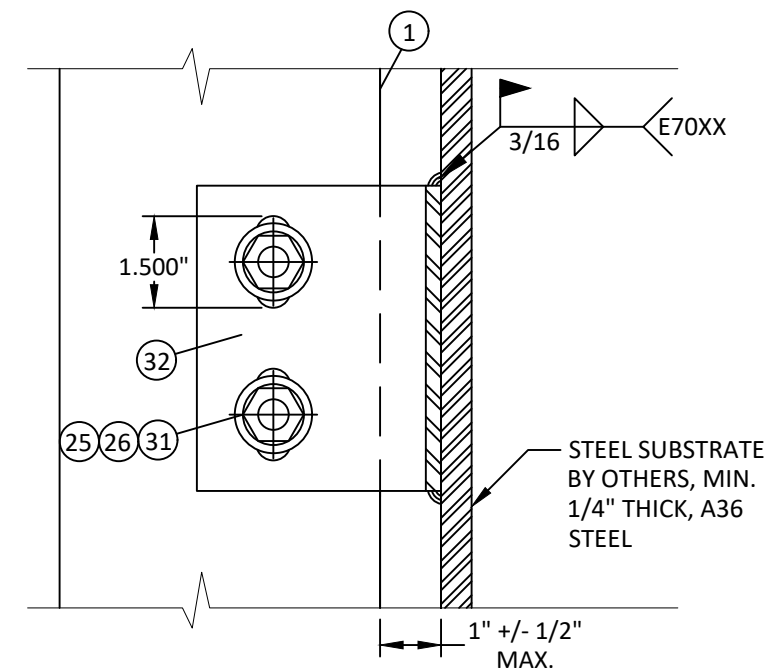
| WL ANCHOR CAPACITY |                         |
|--------------------|-------------------------|
| MAX. SPAN<br>'L'   | MAX. DESIGN<br>PRESSURE |
| 162"               | +/- 70 PSF              |



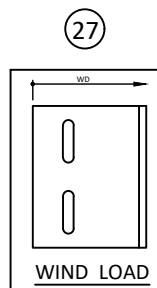
**EXTERIOR VIEW**  
WIND LOAD ANCHOR  
AT JAMB



**EXTERIOR VIEW**  
WIND LOAD ANCHOR  
AT VERTICAL MULLION



**VERTICAL SECTION**  
WIND LOAD ANCHOR  
AT STEEL SUBSTRATE



**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

WIND LOAD ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.

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



| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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 #:

**FL31183**

DATE: **08.20.24**

DWG. BY:  
**SH**

CHK. BY:  
**HFN**

SCALE: **NTS**

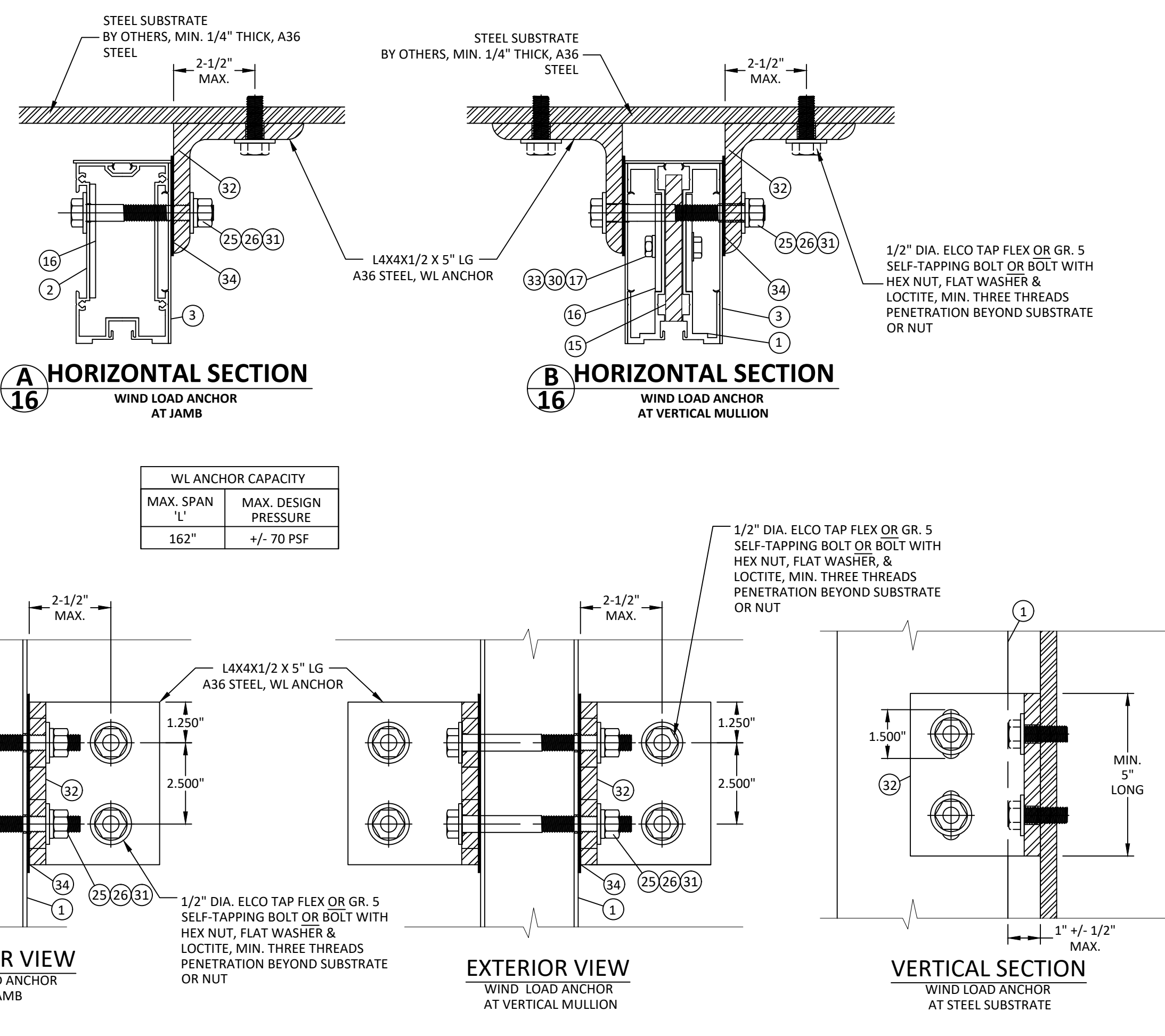
DWG. #: **CGM016**

SHEET:

**15**

OF 21

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg  
8/27/2024 8:22 AM  
c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\countryside glass & mirror, inc\fbc-23-0564 - fb31183 revision - armorwall curtain wall.dwg



**Countryside**  
**Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
WIND LOAD ANCHOR DETAILS

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

REMARKS

BY

DATE

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.

HERMES F. NORERO  
LICENSE  
No. 73778  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
HERMES F. NORERO, P.E.  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL31183**

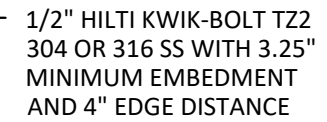
DATE: **08.20.24**

DWG. BY: **SH**CHK. BY: **HFN**

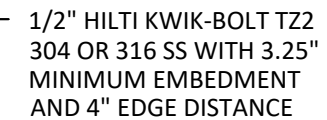
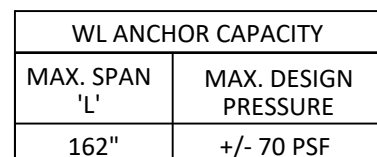
SCALE: **NTS**

DWG. #: **CGM016**

SHEET:  
**16**  
OF 21



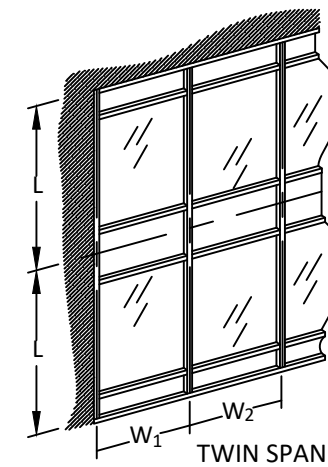
**WIND LOAD ANCHOR  
AT JAMB**



### WIND LOAD ANCHOR AT VERTICAL MULLION



### WIND LOAD ANCHOR AT VERTICAL MULLION



## WIND LOAD ANCHOR DETAILS

**BD**  
**BUILDING DROPS**

MIAMI, FL 33132  
PH: (954)399-8478  
FAX: (954)744.4738  
WEB: [www.buildingdrops.com](http://www.buildingdrops.com)



THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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.



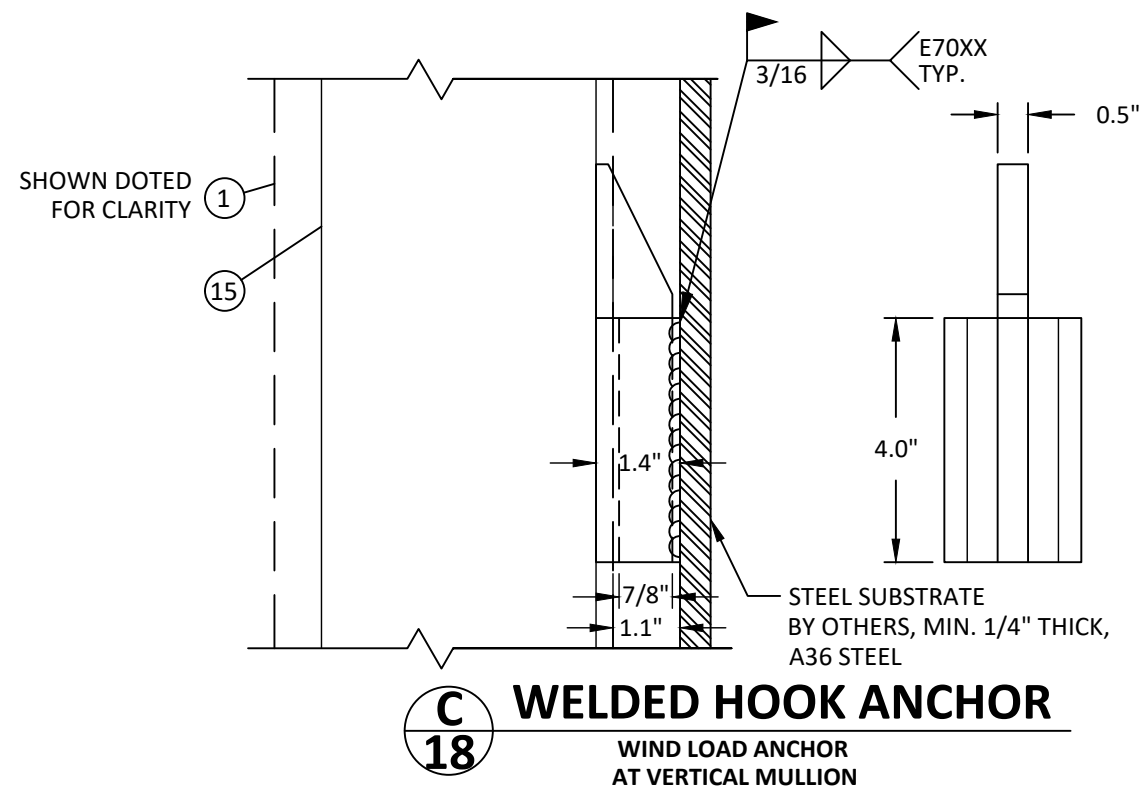
DATE: 08.20.24

SCALE: NTS

SHEET: \_\_\_\_\_

SHEET: \_\_\_\_\_

17 OF 21



| WL ANCHOR CAPACITY |                         |
|--------------------|-------------------------|
| MAX. SPAN<br>'L'   | MAX. DESIGN<br>PRESSURE |
| 162"               | +/- 70 PSF              |

**TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)**

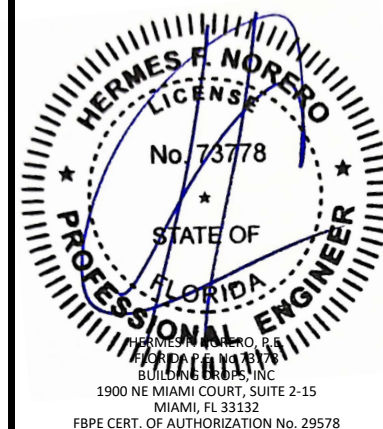
## WIND LOAD ANCHOR DETAILS

PREPARED BY:  
BUILDING DROPS, INC.



| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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 #: **FL31183**

DATE: 08.20.24

|                       |                        |
|-----------------------|------------------------|
| DWG. BY:<br><b>SH</b> | CHK. BY:<br><b>HFN</b> |
|-----------------------|------------------------|

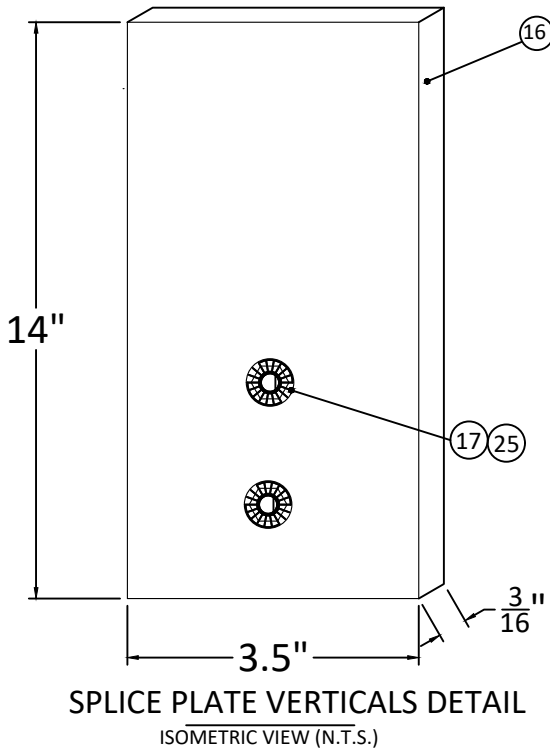
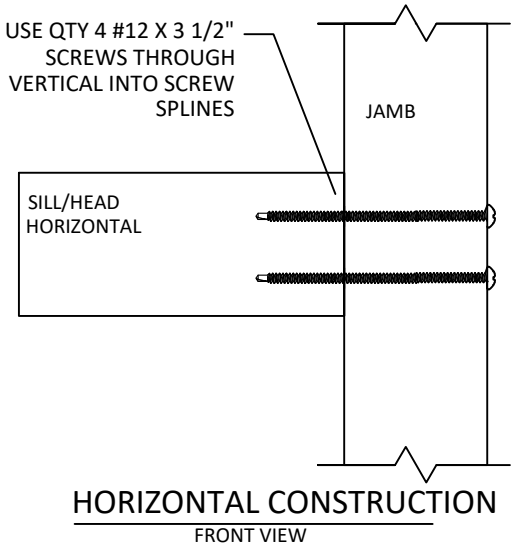
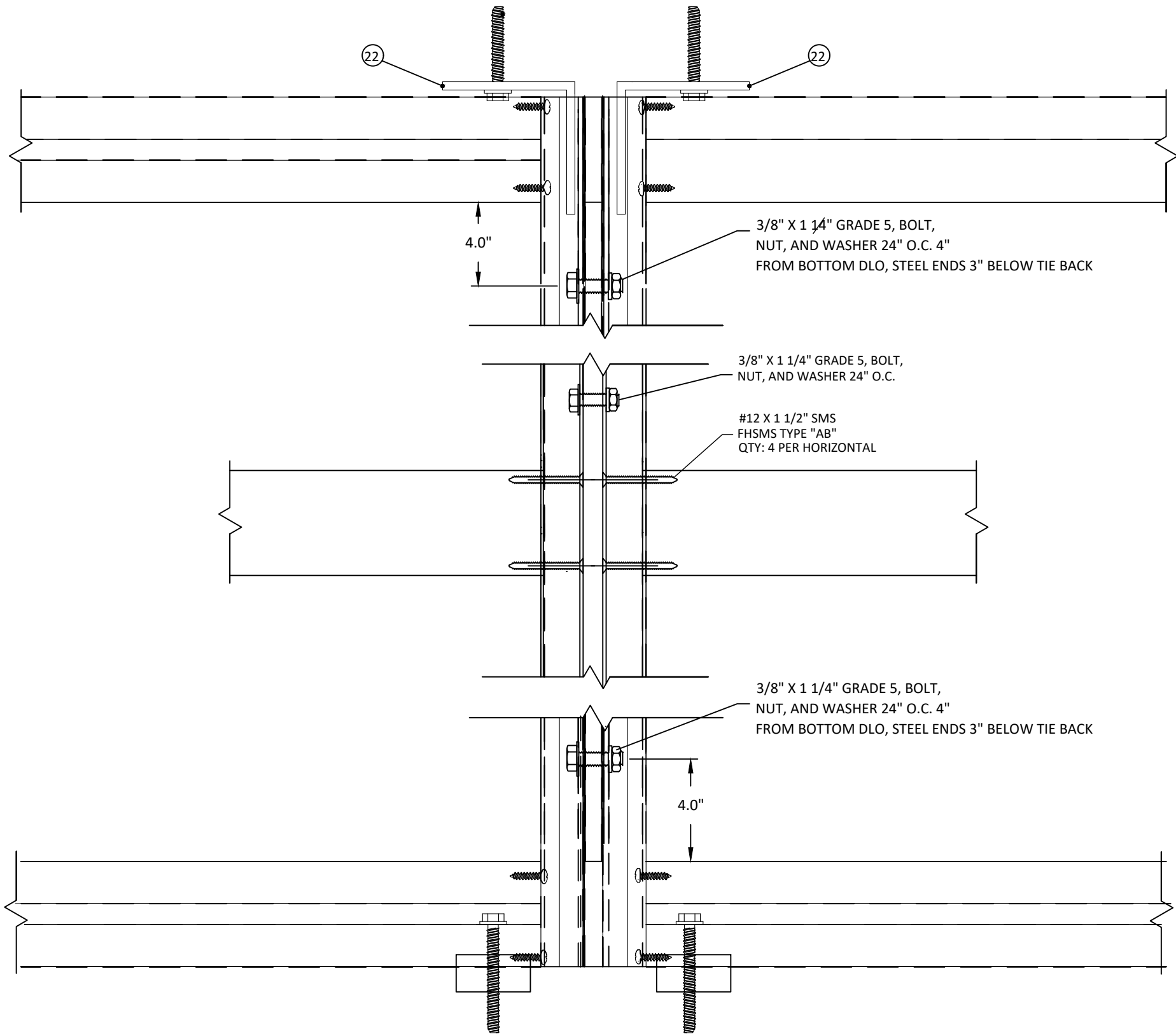
SCALE: NTS

DWG. #: CGM016

SHEET:

18

TWIN SPAN CONSTRUCTION DETAILS  
INTEGRATED HORIZONTAL



**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

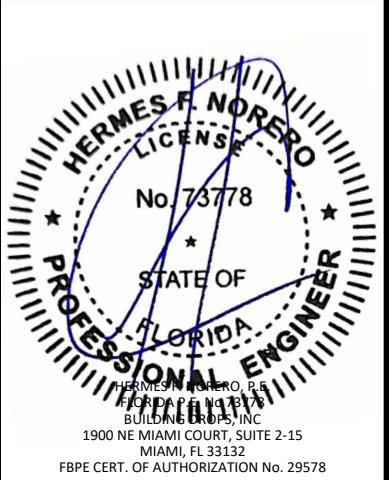
WIND LOAD ANCHOR DETAILS

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

**BD**  
BUILDING DROPS

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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 #:

**FL31183**

DATE: **08.20.24**

DWG. BY:

**SH**

CHK. BY:

**HFN**

SCALE: **NTS**

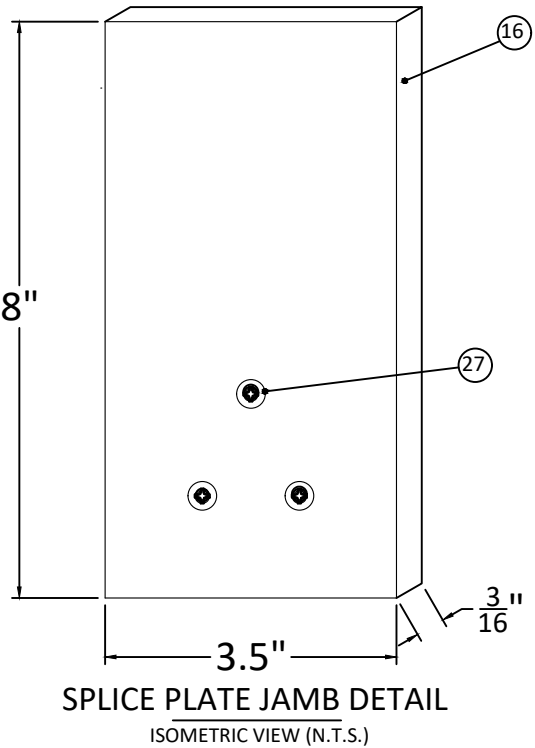
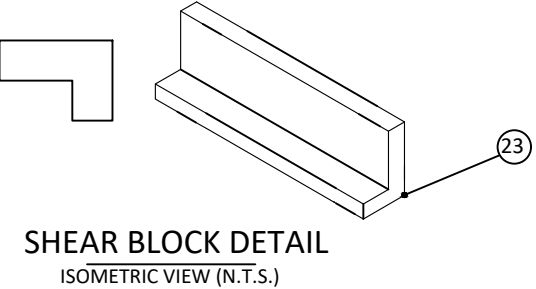
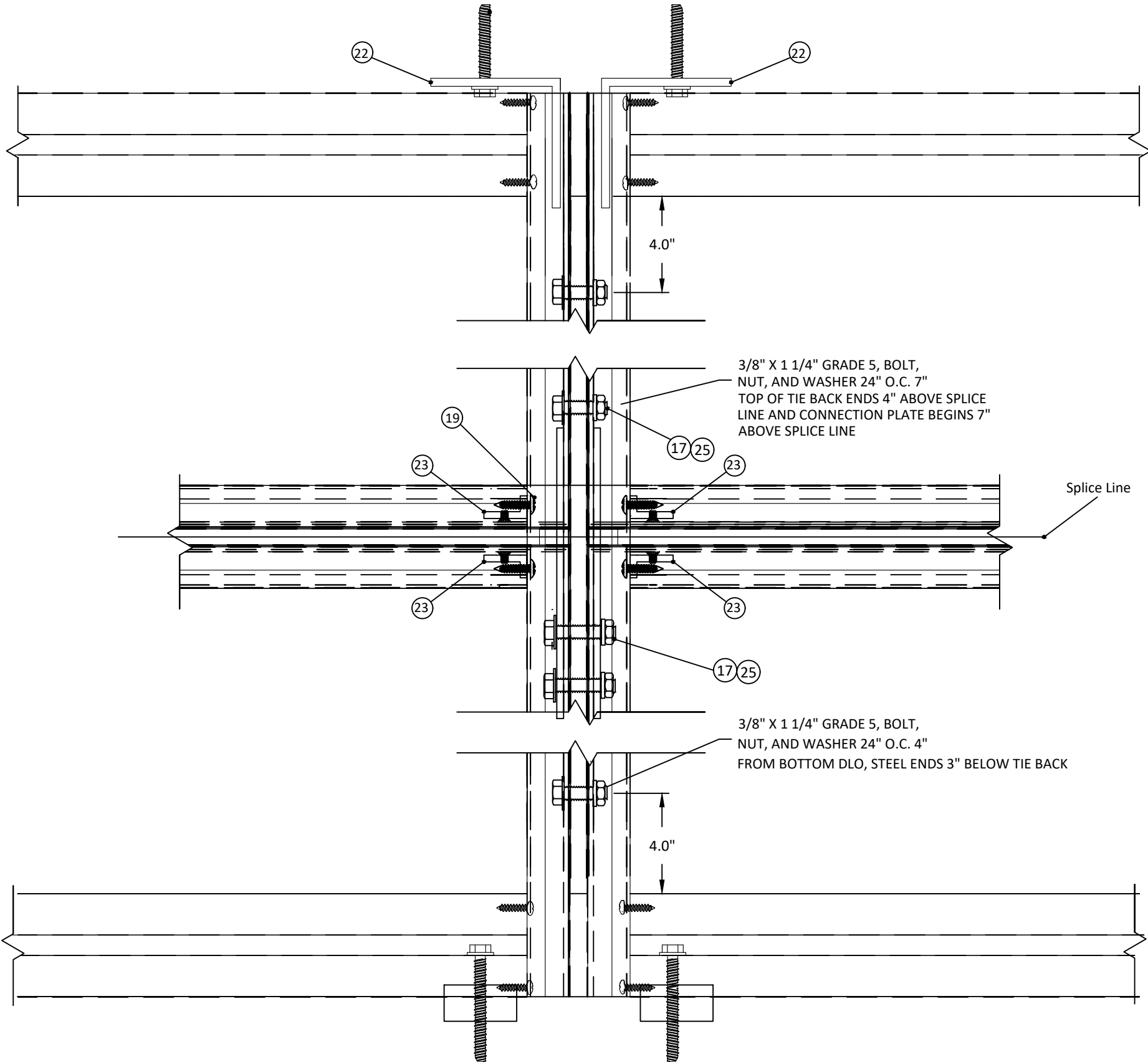
DWG. #: **CGM016**

SHEET:

**19**

OF 21

TWIN SPAN CONSTRUCTION DETAILS  
PANEL TO PANEL HORIZONTAL



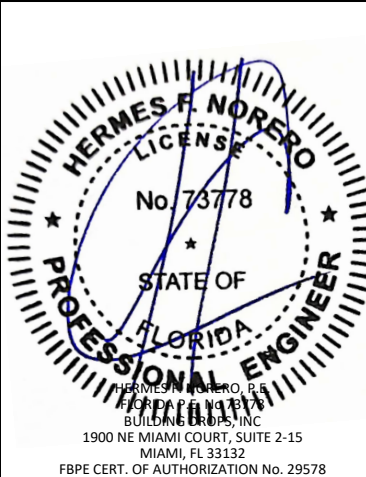
**Countryside  
Glass & Mirror**  
COUNTRYSIDE GLASS  
& MIRROR, INC.  
2650 GANDY BLVD NORTH.  
ST. PETERSBURG, FL 33702  
PH: (727)738-6000 FAX: (727)738-6100

TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)  
WIND LOAD ANCHOR DETAILS

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

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HERE IN 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 #: **FL31183**

DATE: **08.20.24**

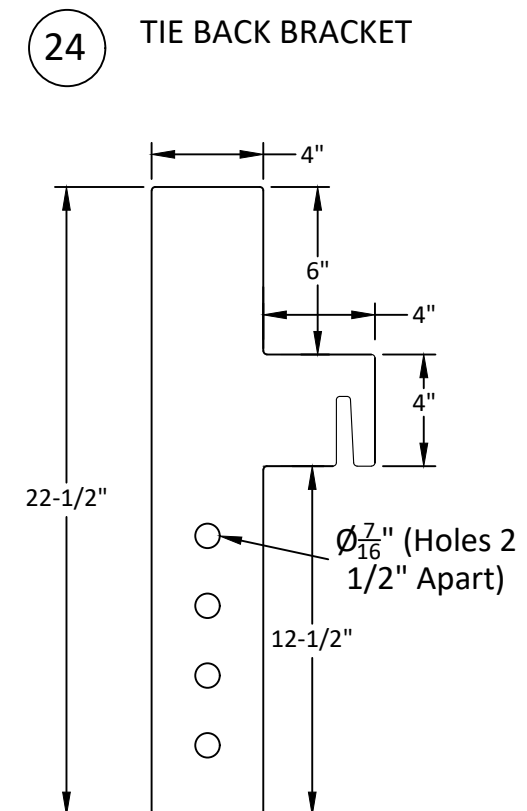
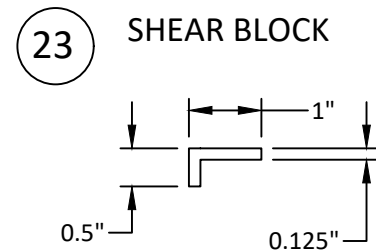
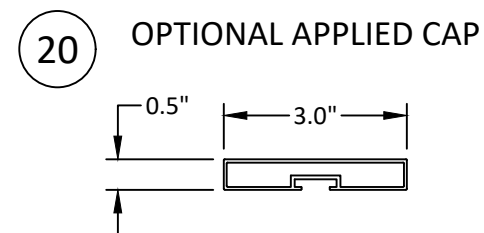
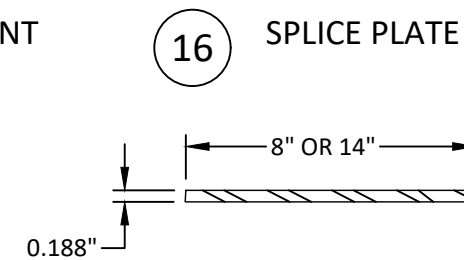
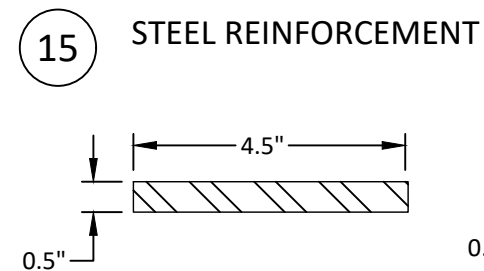
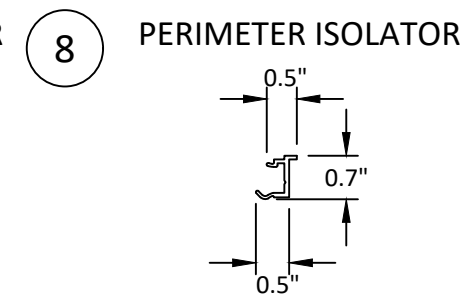
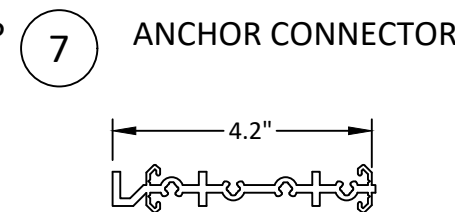
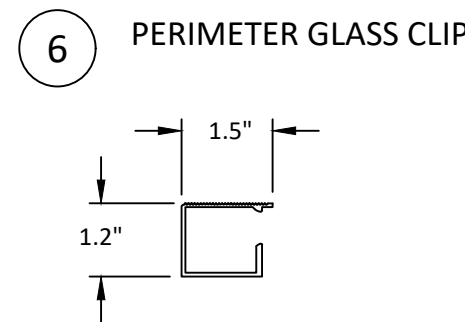
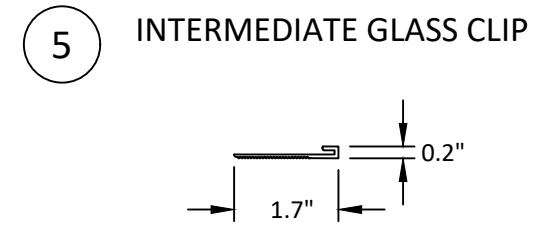
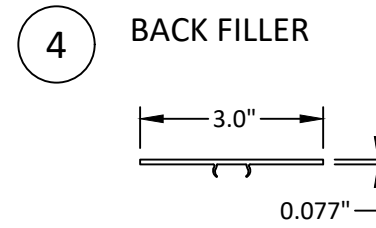
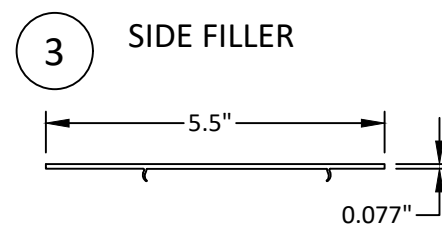
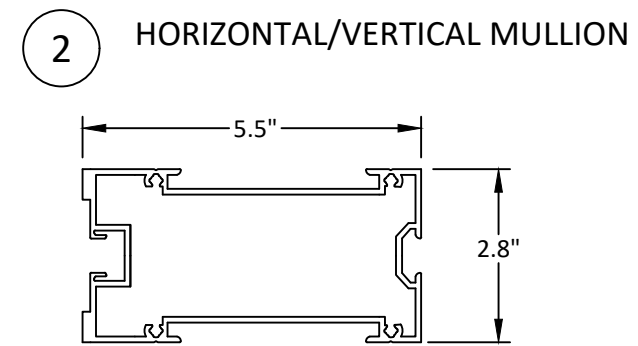
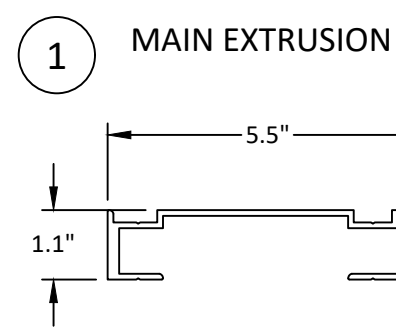
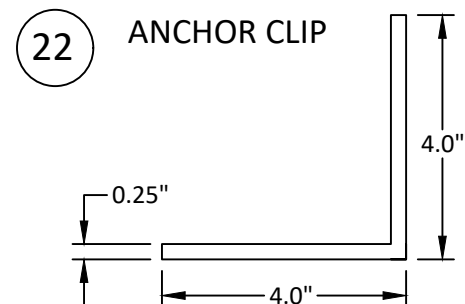
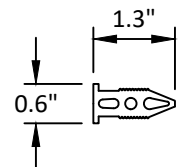
DWG. BY: **SH** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **CGM016**

SHEET: **20**  
OF 21

| BILL OF MATERIALS |          |                                             |                    |
|-------------------|----------|---------------------------------------------|--------------------|
| ITEM              | PART No. | DESCRIPTION                                 | MATERIAL           |
| 1                 | CS-1422  | MAIN EXTRUSION                              | ALUMINUM 6063-T5   |
| 2                 | CS-1423  | HORIZONTAL/VERTICAL MULL                    | ALUMINUM 6063-T5   |
| 3                 | CS-1265  | SIDE FILLER                                 | ALUMINUM 6063-T5   |
| 4                 | CS-3118  | BACK FILLER                                 | ALUMINUM 6063-T5   |
| 5                 | CS-1425  | INTERMEDIATE GLASS CLIP                     | ALUMINUM 6063-T5   |
| 6                 | CS-1435  | PERIMETER GLASS CLIP                        | ALUMINUM 6063-T5   |
| 7                 | CS-1470  | ANCHOR CONNECTOR                            | ALUMINUM 6063-T5   |
| 8                 | CS-3010  | PERIMETER ISOLATER                          | WHITE UV RIGID PVC |
| 12                | V210638  | 3/16" X 3/8" ISOLATOR TAPE                  | -                  |
| 13                | V210412  | 1/8" X 1/2" ISOLATOR TAPE                   | -                  |
| 14                | -        | 5/8" BACK ROD                               | -                  |
| 15                | -        | STEEL REINFORCEMENT                         | STEEL A36          |
| 16                | -        | SPLICE PLATE                                | ALUMINUM 6063-T5   |
| 17                | -        | 3/8-16 BOLTS @ 24" O.C.                     | -                  |
| 18                | -        | #10X1/2" PH SCREW                           | -                  |
| 19                | -        | #8X $\frac{3}{4}$ " SELF-TAPPING SCREWS     | -                  |
| 20                | CS-1426  | OPTIONAL APPLIED CAP                        | ALUMINUM 6063-T5   |
| 21                | CS-3009  | OPTIONAL APPLIED CAP WEDGE                  | -                  |
| 22                | -        | ANCHOR CLIP                                 | ALUMINUM 6063-T5   |
| 23                | -        | SHEAR BLOCK                                 | ALUMINUM 6063-T5   |
| 24                | -        | TIE BACK BRACKET, $\frac{1}{2}$ " THICKNESS | STEEL A36          |
| 25                | -        | 1/2" FLAT WASHER                            | -                  |
| 26                | -        | 1/2" LOCK WASHER                            | -                  |
| 27                | -        | #12X1-1/2" SCREW                            | -                  |
| 28                | -        | #12X3-1/2" SCREW                            | -                  |
| 29                | -        | STEEL C-CHANNEL CLIP                        | STEEL A36          |
| 30                | -        | 3/8" FLAT WASHER                            | -                  |
| 31                | -        | 1/2"-13 HHMS BOLT (GR 5) W/ NUT             | -                  |
| 32                | -        | WIND LOAD ANCHOR                            | STEEL A36          |
| 33                | -        | 3/8" LOCK WASHER                            | -                  |
| 34                | -        | ANCHOR SLIP PAD                             | NYLON              |



TITLE: COUNTRYSIDE ARMOR WALL  
TWIN SPAN SYSTEM CS3000  
VERSION 23 (WZ3)/(IMPACT)

**PREPARED BY:**

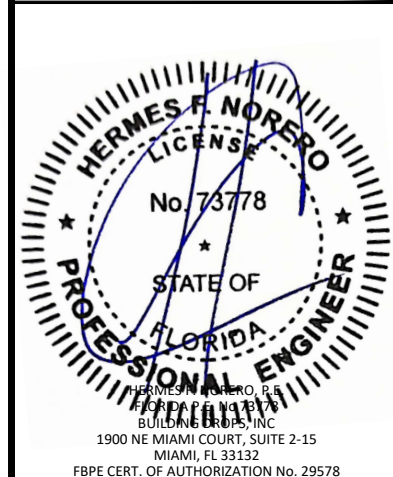


**BUILDING DROPS**

**BUILDING DROPS, INC.**  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744.4738  
WEB: [www.buildingdrops.com](http://www.buildingdrops.com)

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENERAL 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 #:

FL31183

DATE: 08.20.24

|                       |                        |
|-----------------------|------------------------|
| DWG. BY:<br><b>SH</b> | CHK. BY:<br><b>HFN</b> |
|-----------------------|------------------------|

SCALE: NTS

DWG. #: CGM016

SHEET: